DATE 02/12/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027630

APPLICANT THERESA LASTINGER PHONE 755-8887

ADDRESS 295 NW COMMONS LOOP FL 32025

OWNER CRAWFORD DEVELOPMENT GROUP PHONE 755-8887

ADDRESS 5087 W US HIGHWAY 90 LAKE CITY FL 32055

CONTRACTOR CONCEPT CONSTRUCTION PHONE 755-8887

LOCATION OF PROPERTY 90W, PAST TURNER AVE, NEXT PROPERTY PAST DR. GIEGEIG'S
MEDICAL OFFICE ON RIGHT

TYPE DEVELOPMENT DOLLAR GENERAL ESTIMATED COST OF CONSTRUCTION 7000000.00

HEATED FLOOR AREA 9100.00 TOTAL AREA 9100.00 HEIGHT STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 1/12 FLOOR SLAB

LAND USE & ZONING CHI MAX. HEIGHT 23

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 5.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 33-3S-16-02436-000 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 1.21

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC1515491	Therese Lastinger

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	08-765	BK	HD	N

COMMENTS: MFE AT 166', CONFIRMATION LETTER REQUIRED AT SLAB, SDP 08-10,
V# 0269, 32 INSTEAD OF 48 PARKING SPACES,FDOT APPROVAL BEFORE CO
ISSUANCE, NOC ON FILE Check # or Cash 1019

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by
Foundation _____ date/app. by
Monolithic _____ date/app. by
Under slab rough-in plumbing _____ date/app. by
Slab _____ date/app. by
Sheathing/Nailing _____ date/app. by
Framing _____ date/app. by
Rough-in plumbing above slab and below wood floor _____ date/app. by
Electrical rough-in _____ date/app. by
Heat & Air Duct _____ date/app. by
Peri. beam (Lintel) _____ date/app. by
Permanent power _____ date/app. by
C.O. Final _____ date/app. by
Culvert _____ date/app. by
M/H tie downs, blocking, electricity and plumbing _____ date/app. by
Pool _____ date/app. by
Reconnection _____ date/app. by
Pump pole _____ date/app. by
Utility Pole _____ date/app. by
M/H Pole _____ date/app. by
Travel Trailer _____ date/app. by
Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 3,500.00 CERTIFICATION FEE $ 45.50 SURCHARGE FEE $ 45.50

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE $ 3,666.00**

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Rec. 27.00
Doc. 3,150.

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 08-293

Property Appraiser's
Parcel Identification No.
33-3S-16-02436-000

Inst:200912001656 Date:2/3/2009 Time:4:30 PM
Doc Stamp-Deed:3150.00
DC,P.DeWitt Cason,Columbia County Page 1 of 3 B:1166 P:1530

WARRANTY DEED

THIS INDENTURE, made this 28th day of January 2009, BETWEEN COLUMBIA PARTNERS, a Florida General Partnership, whose post office address is 7013 Hawks Nest Terrace, West Palm Beach, Florida 33407, of the County of Palm Beach, State of Florida, grantor*, and CRAWFORD DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, whose document number assigned by the Secretary of State of Florida is L08000094792* and whose post office address is 295 Commons Loop, Suite 115-391, Lake city, Florida 32055, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

> That part of Section 33, Township 3 South, Range 16 East, Columbia County, Florida described on Exhibit "A" attached hereto.
>
> SUBJECT TO: Restrictions and easements of record, if any, and taxes for the current year.
>
> *N.B.: THE PURPOSE OF INCLUDING THE DOCUMENT NUMBER OF THIS GRANTEE IS TO AVOID CONFUSION BETWEEN THIS GRANTEE AND ANY OTHER LIMITED LIABILITY COMPANY OF THE SAME OR SIMILAR NAME.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

First Witness
Tina Watson
(Printed Name)

Second Witness
Laurel S. Meads
(Printed Name)

COLUMBIA PARTNERS, a Florida General Partnership

By: JON THOMAS & COMPANY, INC.
Its Sole General Partner

By: J. T. Butte Pres.
John T. Butte
President of Jon Thomas & Company, Inc.

STATE OF NORTH CAROLINA
COUNTY OF Buncombe

The foregoing instrument was acknowledged before me this 28 day of January 2009, by JOHN T. BUTTE, President of JON THOMAS & COMPANY, INC., a Florida corporation, the sole General Partner of COLUMBIA PARTNERS, a Florida General Partnership, on behalf of said corporation. He is personally known to me and did not take an oath.

JOANNA G FENDER NOTARY PUBLIC Buncombe County, NC

Joanna G Fender
Notary Public
My commission expires: 10-03-2011

EXHIBIT "A"

TOWNSHIP 3 SOUTH - RANGE 16 EAST

SECTION 33: A part of the SW 1/4 of NE 1/4, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, lying North of the right-of-way of U.S. Highway No. 90, being more particularly described as follows: Commence at the NE corner of SW 1/4 of NE 1/4 of said Section 33, and run thence N 88°23'34"W, along the North line of SW 1/4 of NE 1/4 of said Section 33, 185.79 feet to the POINT OF BEGINNING; thence continue N 88°23'34"W, 232.85 feet; thence S 01°36'26"W, 98.59 feet; thence S 26°30'00"W, 98.17 feet to a point on the Northerly right-of-way line of U.S. Highway No. 90; thence S 63°30'00"E, along said Northerly right-of-way line, 204.99 feet; thence N 26°30'00"E, 150.00 feet to a point on a curve of a curve to the left, having a radius of 270.00 feet, an included angle of 24°53'31" and a chord bearing of N 14°03'13"E, 116.38 feet; thence Northeasterly along the arc of said curve, 117.30 feet; thence N 01°36'26"E, 24.21 feet to the POINT OF BEGINNING.

TOGETHER WITH all rights of Columbia Partners under and pursuant to Reciprocal Easement Agreement between Daniel Crapps and Giebeig Property Management, Inc. dated October 1, 2005 and recorded in Official Records Book 1061, Page 2309 of the public records of Columbia County, Florida.

Approved DLB Col. Corrie

Columbia County Building Permit Application

For Office Use Only Application # 0902-054 Date Received 2/4/09 By G Permit # 27630

Zoning Official BLK Date 09.02.09 Flood Zone X FEMA Map # N/A Zoning CHI

Land Use Hwy. Inter. Elevation N/A MFE 166' WRP River N/A Plans Examiner KHD Date 2-10-09

Comments SDP 08-10 & V0769 32 instead of 48 parking spaces, Elevation confirmation required

☑ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 904901 Fax 3867551919

Name Authorized Person Signing Permit Brian S. Crawford Phone 3867558887 Teresa

Address 295 NW Commons loop Lake City FL 32025

Owners Name Crawford Development Group / Brian Crawford Phone 755-8887

911 Address 5087 W US Hwy 90 Lake City FL 32055

Contractors Name Concept Construction Phone 386-755-8887

Address 295 NW commons loop Ste 115-391

Fee Simple Owner Name & Address Concept Development

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nick Geisler - 1758 NW Brown Rd

Mortgage Lenders Name & Address Prosperity Bank - Lake City FL

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 33-3S-16-02436-000 Estimated Cost of Construction 700,000.00

Subdivision Name Meet & Bands Lot — Block — Unit — Phase —

Driving Directions HWY 90 West ~~Past Lake City Avenue, on right.~~ next property past Dr. Gieber's office

Number of Existing Dwellings on Property 0

Construction of Dollar General Total Acreage 1.210 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 23'-4"

Actual Distance of Structure from Property Lines - Front 100 Side 5 Side 50 Rear 20

Number of Stories 1 Heated Floor Area 9,100 SF Total Floor Area 9,100 SF Roof Pitch 1/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

_____
Owners Signature
Crawford Development GROUP, LLC

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

_____
Contractor's Signature (Permitee)

Contractor's License Number CGC1515491
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4 **day of** FEB **20** 09.

Personally known ✓ **or Produced Identification** _____

_____ **SEAL:**
State of Florida Notary Signature (For the Contractor)

Notary Public State of Florida
Lisa L Mannacci
My Commission DD749087
Expires 06/20/2011

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Profit Corporation

CONCEPT DEVELOPMENT, INC.

Filing Information

Document Number	P08000021712
FEI Number	NONE
Date Filed	02/28/2008
State	FL
Status	ACTIVE

Principal Address

2109 WEST US HWY 90
LAKE CITY FL 32055

Mailing Address

2109 WEST US HWY 90
LAKE CITY FL 32055

Registered Agent Name & Address

CRAWFOED, BRIAN S
2109 WEST US HWY 90
LAKE CITY FL 32055

Officer/Director Detail

Name & Address

Title D

CRAWFORD, BRIAN S
2109 WEST US HWY 90
LAKE CITY FL 32055

Annual Reports

No Annual Reports Filed

Document Images

02/28/2008 -- Domestic Profit | View image in PDF format

Note: This is not official record. See documents if question or conflict.

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs

EnergyGauge FlaCom v 2.11 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Short Desc: New Prj
Owner: DOLLAR GENERAL
Address: HWY 90 W
-
City: LAKE CITY
State: FL
Zip: 0

Project: DOLLAR GENERAL - HWY 90 W

PermitNo: 0
Storeys: 1

Type: Retail
Class: New Finished building

***Conditioned Area:** 9100
***Cond + UnCond Area:** 9100

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 5.0 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	13,994.00	18,287.96	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**PASSES**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report Print-Out from EnergyGauge Com of this design building must be submitted along with this Compliance Report.

OPERATING AGREEMENT

of

CRAWFORD DEVELOPMENT GROUP, LLC

A Florida Limited Liability Company

Effective as of:

October 6, 2008

This Operating Agreement ("the Agreement") for CRAWFORD DEVELOPMENT GROUP, LLC, is effective the 6th day of October, 2008, and is made by Concept Development, Inc., a Florida corporation, and W. Stanley Crawford, ("Members").

Explanatory Statement

The Members have organized (or caused to be organized) and are operating a limited liability company in accordance with the terms of, and subject to the conditions set forth in the Articles of Organization and this Agreement as follows:

Section I
Defined Terms

The following capitalized terms shall have the meanings specified in this Section I. Other terms are defined in the text of this Agreement; and, throughout this Agreement and those terms shall have the meanings respectively ascribed to them.

"*Act*" means the Florida Limited Liability Company Act, as amended from time to time.

"*Code*" means the Internal Revenue Code of 1986, as amended, or any corresponding provision of any succeeding law.

"*Company*" means the limited liability company organized in accordance with this Operating Agreement.

"*Interest*" means a Person's share of the Profits and Losses of, and the right to receive distributions from, the Company.

"*Interest Holder*" means any Person who holds an Interest, whether as a Member or as an unadmitted assignee of a Member.

"*Involuntary Withdrawal*" means, the occurrence of any of the following events:

(i) Member makes an assignment for the benefit of creditors;

(ii) Member files a voluntary petition of bankruptcy;

(iii) Member is adjudged bankrupt or insolvent or there is entered against John an order for relief in any bankruptcy or insolvency proceeding;

"*Member*" means the Person (or persons) signing this Agreement and any Person who subsequently is admitted as a member of the Company.

"*Membership Rights*" means all of the rights of a Member in the Company, including a Member's: (i) Interest; (ii) right to inspect the Company's books and records; (iii) right to participate in the management of and vote on matters coming before the Company; and (iv) unless this Agreement or the Articles of Organization provide to the contrary, right to act as an agent of the Company.

"*Person*" means and includes an individual, corporation, partnership, association, limited liability company, trust, estate, or other entity.

"*Positive Capital Account*" means a Capital Account with a balance greater than zero.

"*Profit*" and "*Loss*" means, for each taxable year of the Company (or other period for which Profit or Loss must be computed) the Company's taxable income or loss determined in accordance with the Code.

"*Treasury Regulation*" means the income tax regulations, including any temporary regulations, from time to time promulgated under the Code.

"*Department of State*" means the Florida Department of State.

"*Successor*" means all Persons to whom all or any part of an Interest is transferred either because of (i) the sale or gift by Member of all or any part of his Interest, (ii) an assignment of Member's Interest due to Member's Involuntary Withdrawal, or (iii) because Member dies and the Persons are Member's personal representatives, heirs, or legatees.

"*Transfer*" means, when used as a noun, any voluntary sale, hypothecation, pledge, assignment, attachment, or other transfer, and, when used as a verb, means voluntarily to sell, hypothecate, pledge, assign, or otherwise transfer.

"*Withdrawal*" means a Member's disassociation from the Company by any means.

Any terms used herein which are not defined above, or in other sections of the Agreement, shall have the meanings and definitions as provided in the Act.

Section II
Formation and Name; Office; Purpose; Term

2.1. *Organization*. The Members hereby organize a limited liability company pursuant to the Act and the provisions of this Agreement and, for that purpose, have caused Articles of Organization to be prepared, executed, and filed with the Department of State on the effective date of this Agreement.

2.2. *Name of the Company.* The name of the Company shall be "Crawford Development Group, LLC." The Company is organized to conduct any lawful business whatsoever that may be permitted by the Articles of Organization or by law.

2.3. *Term.* The term of the Company began upon the acceptance of the Articles of Organization by the Department of State and its duration shall be perpetual, unless its existence is sooner terminated pursuant to Section VII of this Agreement.

2.4. *Principal Office.* The principal office of the Company shall be located at 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055, or at any other place which Members may determine.

2.5. *Registered Agent/Registered Office.* The name and street address of the Company's registered agent and registered office in the State of Florida shall be Brian S. Crawford, 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055.

2.6 *Members.* The names and present mailing addresses of the members are set forth herein and each has the interest in the company set forth opposite their names.

2.7 *Managing Members or Managers.* The Company shall be managed by its Members who are Concept Development, Inc. and W. Stanley Crawford and either of them may be referred to herein as Managing Member or Manager, or collectively as Managers and Managing Members. The actions of either one of the Managing Members shall be binding upon the Company. Concept Development, Inc. shall act through either its President or Vice President when acting as a Manager hereunder.

Section III
Capital; Capital Accounts

3.1. *Initial Capital Contributions.* Upon the execution of this Agreement, the Members shall contribute to the Company cash in the amounts set forth in Exhibit "A".

3.2. *No Other Capital Contributions Required.* A Member shall not be required to contribute any additional capital to the Company, and except as set forth in the Act, no Member shall have any personal liability for any obligations of the Company.

3.3. *Loans.* Any Member may, at any time, make or cause a loan to be made to the Company in any amount and on those terms upon which the Company and the Member agree.

3.4. *Capital Accounts.* A capital account shall be maintained by the Company for each Member.

3.5 *Additional Capital Contributions.* Any capital contributions made by a Member from and after the initial capital contribution provided for herein shall be repaid to the Member so contributing (without interest) before distribution of any profit by the Company, subject however, to other limitations and provisions contained herein.

Section IV
Profit, Loss, and Distributions

4.1. *Distribution of Profits.* Net profits (as defined herein) for each taxable year of the Company shall be distributed to each Member not later than seventy-five (75) days after the end of the taxable year. Distributions shall be made in accordance with the provisions of this Agreement.

4.2. *Allocation of Profit or Loss.* All Profit or loss shall be allocated to each Member in accordance with their respective percentages of capital contributions and all capital contributions shall be repaid to each member before distribution of any profits. After distribution of the initial capital contributions of each Member, profits, if any, of the Company shall be distributed to each Member equally, which are derived from the investment of the initial capital contributions.

4.3. *Liquidation and Dissolution.* If the Company is liquidated, the assets of the Company shall be distributed to each Member or to a Successor or Successors in the same percentages as the initial capital contributions.

Section V
Management: Rights, Powers, and Duties

5.1. *Management.* The Company shall be managed solely by the Members.

5.2. *Personal Services.* A Member shall not be required to perform services for the Company solely by virtue of being a Member.

5.3. *Liability and Indemnification.*

5.3.1. The Members shall not be liable, responsible, or accountable, in damages or otherwise, to the Company for any act performed with respect to Company matters, except for fraud.

5.3.2. The Company shall indemnify a Member for any act performed with respect to Company matters, except for fraud.

Section VI
Transfer of Interests and Withdrawal of Member

6.1. *Transfers.*

6.1.1. *Transfers by Member.* A Member may transfer all, or any portion of the interest of the Member or rights in Membership Rights to one or more Successors.

6.1.2. *Limitation on Transfers.* No Member may transfer any portion of the interests or rights and membership rights to any third party without first offering the same in writing to the remaining Member upon the same terms and conditions as that offered to such third party. The remaining Member shall have thirty (30) days within which to accept the offer and close the purchase.

6.2. *Transfer to a Successor.* In the event of any transfer of all or any part of Member's Interest to a Successor, the Successor shall thereupon become a Member and the Company shall be continued.

6.3. *Rights of Remaining Member upon Transfer.* The remaining Member shall have the right to acquire the interest of the Member desiring to transfer such membership rights as otherwise provided herein and no transfer to a successor shall be made without the prior written consent of the other Member.

Section VII
Dissolution, Liquidation, and Termination of the Company

7.1. *Events of Dissolution.* The Company shall be dissolved upon the happening of any of the following events:

7.1.1. if the Members determine to dissolve the Company.

7.1.2. any event which by operation of law requires that the Company be dissolved.

7.2. *Procedure for Winding Up and Dissolution.* If the Company is dissolved, the affairs of the Company shall be wound up. On winding up of the Company, the assets of the Company shall be distributed, first, to creditors of the Company in satisfaction of the liabilities of the Company, and then to the Persons who are the Members of the Company in proportion to their Interests.

7.3. *Filing of Articles of Dissolution.* If the Company is dissolved, Articles of Dissolution shall be promptly filed with The Department of State. If there are no remaining Members, the Articles of Dissolution shall be filed by the last Person to be a Member; if there are no remaining Members, or a Person who last was a Member, the Articles shall be filed by the legal or personal representatives of the Person who last was a Member.

Section VIII
Books, Records, Accounting, and Tax Elections

8.1. *Bank Accounts.* All funds of the Company shall be deposited in a bank account or accounts opened in the Company's name. The Members shall determine the institution or institutions at which the accounts will be opened and maintained, the types of accounts, and the Persons who will have authority with respect to the accounts and the funds therein.

8.2. *Books and Records.* The Members shall cause to be kept complete and accurate books and records of the Company with supporting documentation of the transactions with respect to the conduct of the Company's business. The books and records, if any, shall be maintained in accordance with generally accepted accounting principles and practices, consistently applied.

8.3. *Annual Accounting Period.* The annual accounting period of the Company shall be its taxable year. The Company's taxable year shall be selected by the Members, subject to the requirements and limitations of the Code.

Section IX
General Provisions

9.1. *Applicable Law.* All questions concerning the construction, validity, and interpretation of this Agreement shall be governed by the internal law, not the law of conflicts, of the State of Florida.

9.2. *Section Titles.* The headings herein are inserted as a matter of convenience only, and do not define, limit, or describe the scope of the Agreement or the intent of the provisions hereof.

9.3. *Terms.* Common nouns and pronouns shall be deemed to refer to the masculine, feminine, neuter, singular and plural, as the identity of the Person may in the context require.

9.4. *Separability of Provisions.* Each provision of this Agreement shall be considered separable; and if, for any reason, any provision or provisions herein are determined to be invalid and contrary to any existing or future law, such invalidity shall not impair the operation of or affect those portions of this Regulations which are valid.

Section X
Special Provisions.

10.1 *Initial Membership Interests.* The initial membership interests of the Members who have signed this Agreement shall be equal, provided however, that to the

extent any Member contributes to the capital a greater amount than fifty (50%) percent of the total capital, such Member shall be entitled to receive and be paid the difference in such capital contribution before allocation of profits from the initial investment by the Company in certain real property, as otherwise agreed upon between them.

10.2 *Additional Contributions.* After the initial contribution by the Members, any additional contributions by a Member greater than that of the other Member, shall result in the membership interest owned by such Member being increased proportionately. The Members agreed that, upon such additional contribution being made, they shall at that time agree upon a division of any profits after return of the additional capital to the Member so contributing, however, it is anticipated and acknowledged that one of the Members may contribute more in capital and shall be entitled to an allocation of the profits derived from such additional capital (after the initial capital contribution) to the extent of all thereof, and that only a nominal amount of profit may be allocated to the Member who does not contribute additional capital.

Section XI
Attachments

Attached hereto and incorporated by reference is a true copy of the Articles of Organization of the Company. The other attachments referred to herein, if any, are identified by appropriate exhibit reference and are also incorporated herein by reference.

IN WITNESS WHEREOF, the Members have executed this Agreement under seal, as of the date first set forth herein above.

MEMBER:

Concept Development, Inc.

By:_____
Brian S. Crawford, President

_____(SEAL)
W. Stanley Crawford

EXHIBIT "A"

INITIAL CAPITAL CONTRIBUTION

Member(s)	Initial Capital Contribution
Concept Development, Inc.	
W. Stanley Crawford	

DARBY, PEELE, BOWDOIN & PAYNE

A PARTNERSHIP INCLUDING PROFESSIONAL ASSOCIATIONS

ATTORNEYS AT LAW

HERBERT F. DARBY, P.A.
S. AUSTIN PEELE, P.A.
W. RODERICK BOWDOIN, P.A.
M. BLAIR PAYNE

285 N.E. HERNANDO AVENUE
POST OFFICE DRAWER 1707
LAKE CITY, FLORIDA 32056
TELEPHONE (386) 752-4120
FACSIMILE (386) 755-4569

September 30, 2008

7657.03-08-221

Secretary of State
Registration Section
Division of Corporations
Post Office Box 6327
Tallahassee, Florida 32314

Gentlemen:

Enclosed are two executed counterparts of Articles of Organization of Crawford Development Group, LLP to be filed in your office.

Also enclosed is our trust account check in the amount of $155.00 to cover the filing fee, designation of registered agent and certified copy. Please certify one of the enclosed counterparts and return it to us at your early convenience.

Thank you.

Very truly yours,

S. Austin Peele
For the Firm

SAP/pdw
Enclosures
cc: Mr. Brian S. Crawford (w/encl.)

SAP/pdw
7657.03-08-221
9/28/08

ARTICLES OF ORGANIZATION

OF

CRAWFORD DEVELOPMENT GROUP, LLC

The undersigned, being a member of the limited liability company being formed under Chapter 608, Florida Statutes, hereby adopts the following articles of organization:

I.

The name of the limited liability company is:

Crawford Development Group, LLC

(hereinafter the "Company").

II.

The Company shall have perpetual existence, unless dissolved by operation of law.

III.

The street address of the principal office of the Company is 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055 and the mailing address is the same.

IV.

The name and street address of the initial registered agent in the State of Florida for the Company is BRIAN S. CRAWFORD, 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055. By signing these articles of organization, the registered agent voluntarily consents to serve as registered agent of the Company and

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TALLAHASSEE FLORIDA

acknowledges that he is familiar with the obligations and duties of a registered agent as required by law and hereby accepts those duties and responsibilities.

V.

The unanimous consent of all members shall be required to admit additional members, which shall be in accordance with the terms and conditions of the operating agreement of the Company.

VI.

None of the members of the Company are liable for the payment of any debt. obligation or other liability of the Company.

IN WITNESS WHEREOF, the undersigned has executed these Articles of Organization this 30th day of September, 2008.

_____(SEAL)
BRIAN S. CRAWFORD, as member
and registered agent

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of September, 2008, by BRIAN S. CRAWFORD, who is personally known to me, or who has produced _____, as identification.

_____
Notary Public, State of Florida

(NOTARIAL SEAL)

PATRICIA D. WILDERS
MY COMMISSION EXPIRES
April 20, 2009
#DD414118
Bonded Thru
NOTARY PUBLIC, STATE OF FLORIDA

PATRICIA D. WILDERS
(Print or Type Name)

My Commission Expires:

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SECRETARY OF STATE
TALLAHASSEE FLORIDA

L08000094792

(Requestor's Name)

(Address)

(Address)

(City/State/Zip/Phone #)

☐ PICK-UP ☐ WAIT ☐ MAIL

(Business Entity Name)

(Document Number)

Certified Copies _____ Certificates of Status _____

Special Instructions to Filing Officer:

L. SELLERS
OCT. - 7 2008
EXAMINER

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TALLAHASSEE FLORIDA

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:
DANIEL CRAPPS
2806 WEST U. S. HIGHWAY 90, SUITE 101
LAKE CITY, FL 32055

PERMIT NUMBER: ERP06-0654
DATE ISSUED: 03/02/2007
DATE EXPIRES: 03/02/2010
COUNTY: COLUMBIA
TRS: S33/T3S/R16E

PROJECT: WEST 90 COMMERCIAL CENTER

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

DANIEL CRAPPS
DANIEL CRAPPS AGENCY
2806 WEST U. S. HIGHWAY 90, SUITE 101
LAKE CITY, FL 32055

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

Construction and operation of a surfacewater management system serving 0.59 acres of impervious surface on a total project area of 1.04 acres in a manner consistent with the application package submitted by Chadwick Wiiliams, P.E., GTC Design Group, certified on February 28, 2007.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400,

F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other

than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for

undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C.,

must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent

authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 3-5-07
District Staff

_____ _____
Clerk Executive Director

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

DANIEL CRAPPS
2806 WEST U. S. HIGHWAY 90, SUITE 101
LAKE CITY, FL 32055

At 4:00 p.m. this 8 day of March, 2007.

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP06-0654

Joe 755-1919

08-0765

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # 904901
DATE PAID 12/12/08
FEE PAID $ 370.00
RECEIPT # D852076
CR # 08-4482

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Temporary/Experimental System
[ ] Repair [ ] Abandonment [ ] Other (Specify)

APPLICANT: ~~CONCERT CONSTRUCTION~~ Columbia Partners TELEPHONE: 386-362-3678

AGENT: GTC DESIGN GROUP

MAILING ADDRESS: P O BOX 187 CITY: LIVE OAK STATE: FL ZIP: 32064

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]

LOT: N/A BLOCK: N/A SUBDIVISION: MEETS & BOUNDS DATESUBD: N/A

PROPERTY ID #: 33-3S-16-02436-000 [Section/Township/Range/Parcel] ZONING: Comm

PROPERTY SIZE: 1.210 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: [ ] PRIVATE [X] PUBLIC

PROPERTY STREET ADDRESS: 5084 W US HIGHWAY 90

DIRECTIONS TO PROPERTY: HIGHWAY 90 WEST PAST LAKE CITY AVENUE, ON RIGHT

BUILDING INFORMATION [ ] RESIDENTIAL [X] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	STORE	0	9100	Staff	1 baths = 400 GPD
2	Dollar general				Mens/women baths
3	No sewer per Dave Clinton 12-25-08 10:00 AM - MSI				
4					

[N] Garbage Grinders/Disposals [N] Spas/Hot Tubs [N] Floor/Equipment Drains
[N] Ultra-low Volume Flush Toilets [N] Other (Specify)

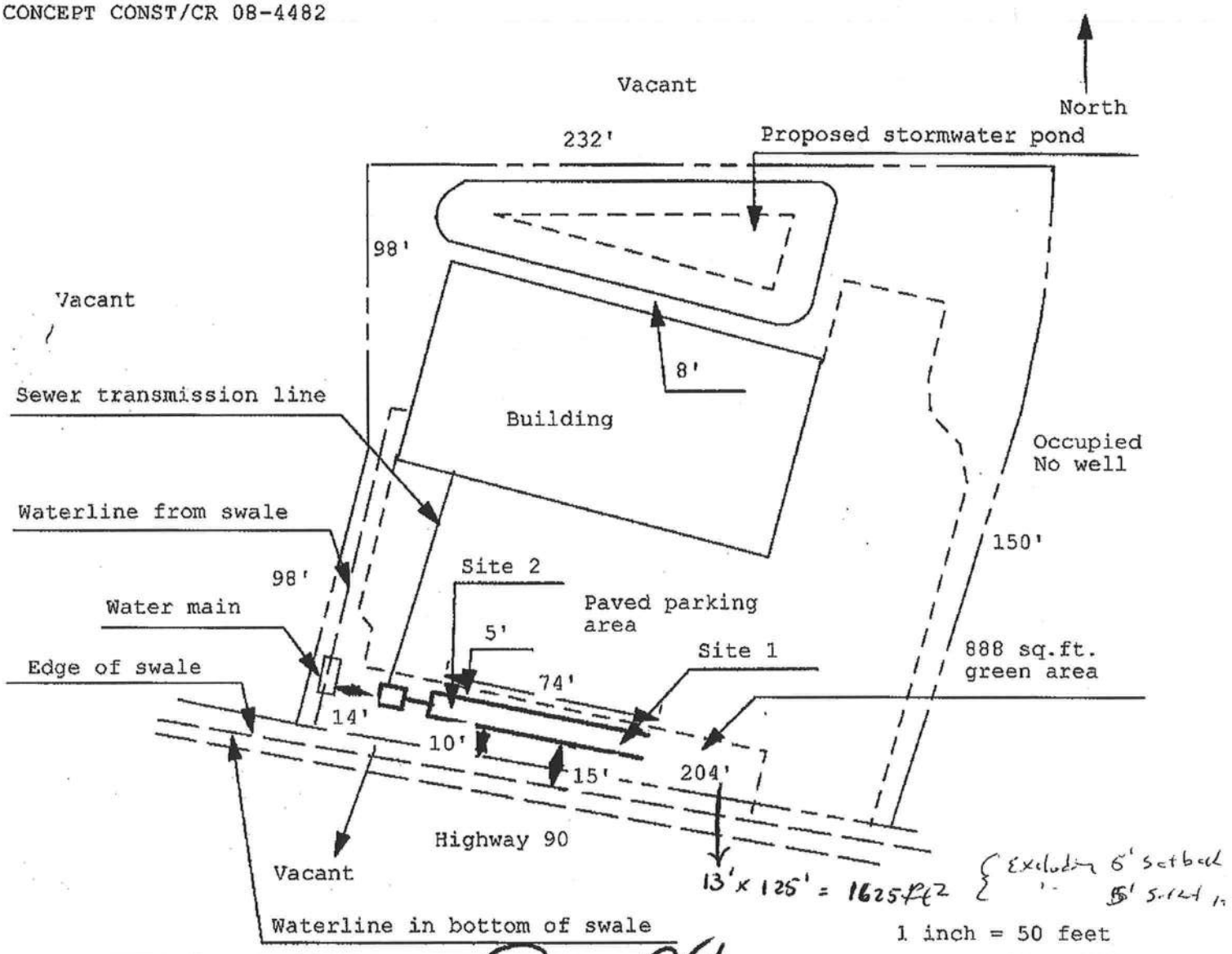
APPLICANT'S SIGNATURE: DATE: 12/1/08

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 08-0765

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CONCEPT CONST/CR 08-4482



Site Plan Submitted By Paul Lloyd **Date** 1/7/09

Plan Approved ✓ **Not Approved** ____ **Date** 1-20-09

By Mr Orr Columbia **CPHU**

Notes:

Report Prepared By:

Freeman Design Group, Inc.

For: Dollar General
US 90
Lake City, Florida

Design Conditions: Gainesville; Latitude: 29; Time 1:00 PM

Indoor:		**Outdoor:**	
Summer temperature:	75	Summer temperature:	93
Winter temperature:	72	Winter temperature:	31
Relative humidity:	50	Summer grains of moisture:	116
		Daily temperature range:	18

Building Component		**Sensible Gain (BTUH)**	**Latent Gain (BTUH)**	**Total Heat Gain (BTUH)**	**Total Heat Loss (BTUH)**
Floor	9,100 sq.ft.	0	0	0	13,284
N Wall	1,300 sq.ft.	744	0	744	4,264
E Wall	680 sq.ft.	1,344	0	1,344	2,230
Door	20 sq.ft.	157	0	157	459
Leakage Summer	50 cfm	770	1,768	2,538	0
Leakage Winter	90 cfm	0	0	0	4,059
S Wall	1,111 sq.ft.	993	0	993	5,694
Window	189 sq.ft.	7,707	0	7,707	8,524
W Wall	680 sq.ft.	389	0	389	2,230
Door	20 sq.ft.	157	0	157	459
Leakage Summer	10 cfm	154	354	508	0
Leakage Winter	20 cfm	0	0	0	902
Ceiling	9,100 sq.ft.	17,472	0	17,472	11,193
Duct		0	0	0	0
People/Vent	125 people	31,250	25,000	56,250	0
Ventilation	1,875 cfm	28,875	66,300	95,175	84,563
Infiltration Summer	0 cfm	0	0	0	0
Infiltration Winter	0 cfm	0	0	0	0
Lights	11,280 watts	46,248	0	46,248	0
Whole Building - All Components		**136,260**	**93,422**	**229,682 (19 tons)**	**137,861**

Florida Energy Efficiency Code For Building Construction

Florida Department of Community Affairs

EnergyGauge FLA/COM 2004 v3.00 -- Form 400A-2004

Method A: Whole Building Performance Method for Commercial Buildings

Effective December 8, 2006

PROJECT SUMMARY

Short Desc:	New Prj	**Description:**	Dollar General
Owner:			
Address1:	Enter Address here	**City:**	Lake City
Address2:	Enter Address here	**State:**	FL
		Zip:	0
Type:	Retail	**Class:**	New Finished building
Jurisdiction:	COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)		
Cond Area:	8882 SF	**Cond & UnCond Area:**	8882 SF
No of Storeys:	1	**Area entered from Plans**	9100 SF
Permit No:	0	**Max Tonnage**	5
		If different, write in:	_____

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	13,547.5	15,971.6	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**None Entered**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report of this design building must be submitted along with this Compliance Report.

CERTIFICATIONS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code

Prepared By: William H. Freeman Building Official: _____

Date: 2/2/09 Date: _____

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: _____ Date: _____

If Required by Florida law, I hereby certify (*) that the system design is in compliance with the FLorida Energy Efficiency Code

Architect: Casco Reg No: _____

Electrical Designer: Casco Reg No: _____

Lighting Designer: Casco Reg No: _____

Mechanical Designer: William H. Freeman Reg No: PE #56001

Plumbing Designer: _____ Reg No: _____

(*) Signature is required where Florida Law requires design to be performed by registered design professionals. Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*84.81*	*100.00*
	$13,547	*$15,972*
ELECTRICITY(MBtu/kWh/$)	84.81 270949 *$13,547*	100.00 319431 *$15,972*
AREA LIGHTS	18.20 58124 *$2,906*	28.67 91579 *$4,579*
MISC EQUIPMT	15.39 49162 *$2,458*	15.39 49162 *$2,458*
PUMPS & MISC	0.01 39 *$2*	0.01 40 *$2*
SPACE COOL	16.01 51166 *$2,558*	16.89 53958 *$2,698*
SPACE HEAT	1.86 5948 *$297*	1.52 4858 *$243*
VENT FANS	33.34 106510 *$5,326*	37.51 119834 *$5,992*

Credits & Penalties (if any): Modified Points: = 84.82 PASSES

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	0.15	2,000.0	300	300
Ext Light 2	Main entries	30.00	21.0	630	250
Ext Light 3	Other (doors) than main entries	20.00	6.0	120	250

Design: 800 (W)
Allowance: 1050 (W)

PASSES

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	,001	Sales Area	7,560	1	4	4	**PASSES**
Pr0Zo1Sp2	3	Storage & Warehouse - Bulky Active Storage	1,050	1	1	1	**PASSES**
Pr0Zo1Sp3	6	Toilet and Washroom	56	1	2	2	**PASSES**
Pr0Zo1Sp4	9	Food Service - Bar/Lounge	80	1	1	1	**PASSES**
Pr0Zo1Sp5	5	Corridor	80	1	1	1	**PASSES**

PASSES

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 **System 1** **Constant Volume Packaged System** **No. of Units** 4

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	13.00	8.40		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		3.20	3.20			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System						PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Comp liance

None

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Electric water heater	<= 12 [kW]	0.92	0.86			PASSES

PASSES

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance

None

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

EnergyGauge FLA/COM 2004 v3.00

INPUT DATA REPORT

Project Information

Project Name: New Prj

Project Title: Dollar General

Address: Enter Address here
Enter Address here

State: FL

Zip: 0

Owner:

Orientation: North

Building Type: Retail

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 8882 SF

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	8882.0	1	8882.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]

In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo0Sp1	Sales Area	70.00	108.00	10.00	1	7560.0	75600.0	☐
2	Pr0Zo1Sp2	Zo0Sp2	Storage & Warehouse - Bulky Active Storage	50.00	21.00	10.00	1	1050.0	10500.0	☐
3	Pr0Zo1Sp3	Zo0Sp3	Toilet and Washroom	8.00	7.00	10.00	2	112.0	1120.0	☐
4	Pr0Zo1Sp4	Zo0Sp4	Food Service - Bar/Lounge	10.00	8.00	10.00	1	80.0	800.0	☐
5	Pr0Zo1Sp5	Zo0Sp5	Corridor	20.00	4.00	10.00	1	80.0	800.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1								
In Space: Pr0Zo1Sp1								
1	Compact Fluorescent	General Lighting	126	80	10080	Manual On/Off	4	☐
In Space: Pr0Zo1Sp2								
1	Compact Fluorescent	General Lighting	6	80	480	Manual On/Off	1	☐
In Space: Pr0Zo1Sp3								
1	Compact Fluorescent	General Lighting	1	40	40	Manual On/Off	1	☐
In Space: Pr0Zo1Sp4								
1	Compact Fluorescent	General Lighting	2	40	80	Manual On/Off	1	☐
In Space: Pr0Zo1Sp5								
1	Compact Fluorescent	General Lighting	1	40	40	Manual On/Off	1	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Wa1	Metal siding/2x4@24"+R11Batt/5/8"Gyp	130.00	10.00	1	1300.0	North	0.0920	1.072	19.38	10.9	☐

2	Pr0Zo1Wa2	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	10.00	1	700.0	East	0.0920	1.072	19.38	10.9
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	10.00	1	700.0	West	0.0920	1.072	19.38	10.9
4	South Wall	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	130.00	10.00	1	1300.0	South	0.2642	9.696	62.72	3.8

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]
In Zone: Pr0Zo1										
In Wall: Pr0Zo1Wa4										
1	Pr0Zo1Wa4Wi1	User Defined	No	1.2500	0.82	0.76	21.00	9.00	1	189.0

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Dr1	Solid core flush (2.25)	No	6.00	7.00	1	42.0	0.3504	0.00	0.00	2.85
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Dr1	Solid core flush (2.25)	No	3.00	7.00	1	21.0	0.3504	0.00	0.00	2.85

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											

1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	130.00	70.00	1	9100.0	0.00	0.0492	1.34	9.49	20.3

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone:	**Pr0Zo1**									
1	Pr0Zo1Fl1	1 ft. soil, concrete floor, carpet and rubber pad	130.00	70.00	1	9100.0	0.1745	54.00	108.00	5.73

Systems

Pr0Sy1 **System 1** **Constant Volume Packaged System** **No. Of Units 4**

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	60000.00	13.00	8.40
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	60000.00	3.20	
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80	
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1800.00	0.80	
5	Air Distribution System (ADS System)			

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

	W-Heater Description	Capacity	Cap.Unit	I/P Rt.	Efficiency		Loss	
1	Electric water heater	50	[Gal]	[kW]	0.9200	[Ef]	[Btu/h]	

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
1	Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	1	300	2000.00	Photo Sensor control	300.00	
2	Ext Light 2	Main entries	1	250	21.00	Photo Sensor control	250.00	
3	Ext Light 3	Other (doors) than main entries	1	250	6.00	Photo Sensor control	250.00	

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULSglClrAll Frm	User Defined	1	1.2500	0.8200	0.7600	☐

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
265	Matl265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000	☐
48	Matl48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000	☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000	☐
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1014	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	No	No	0.26	9.70	62.72	3.8	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.000	☐
2	269	.75" ISO BTWN24" oc	0.0625	0.000	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1055	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	4	Steel siding	0.0050	0.000	☐
2	271	2x4@24" oc + R11 Batt	0.2917	0.000	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1056	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.000	☐
2	23	6 in. Insulation	0.5000	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1057	1 ft. soil, concrete floor, carpet and rubber pad	No	No	0.17	54.00	108.00	5.7	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	265	Soil, 1 ft	2.0000	0.000	☐
2	48	6 in. Heavyweight concrete	0.5000	0.000	☐
3	178	CARPET W/RUBBER PAD		0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1058	Solid core flush (2.25)	No	Yes	0.35			2.9	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	279	Solid core flush (2.25")		0.000	☐

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 12/10/2008 **DATE ISSUED:** 12/11/2008

ENHANCED 9-1-1 ADDRESS:

5087 W US HIGHWAY 90

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

33-3S-16-02436-000

Remarks:

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

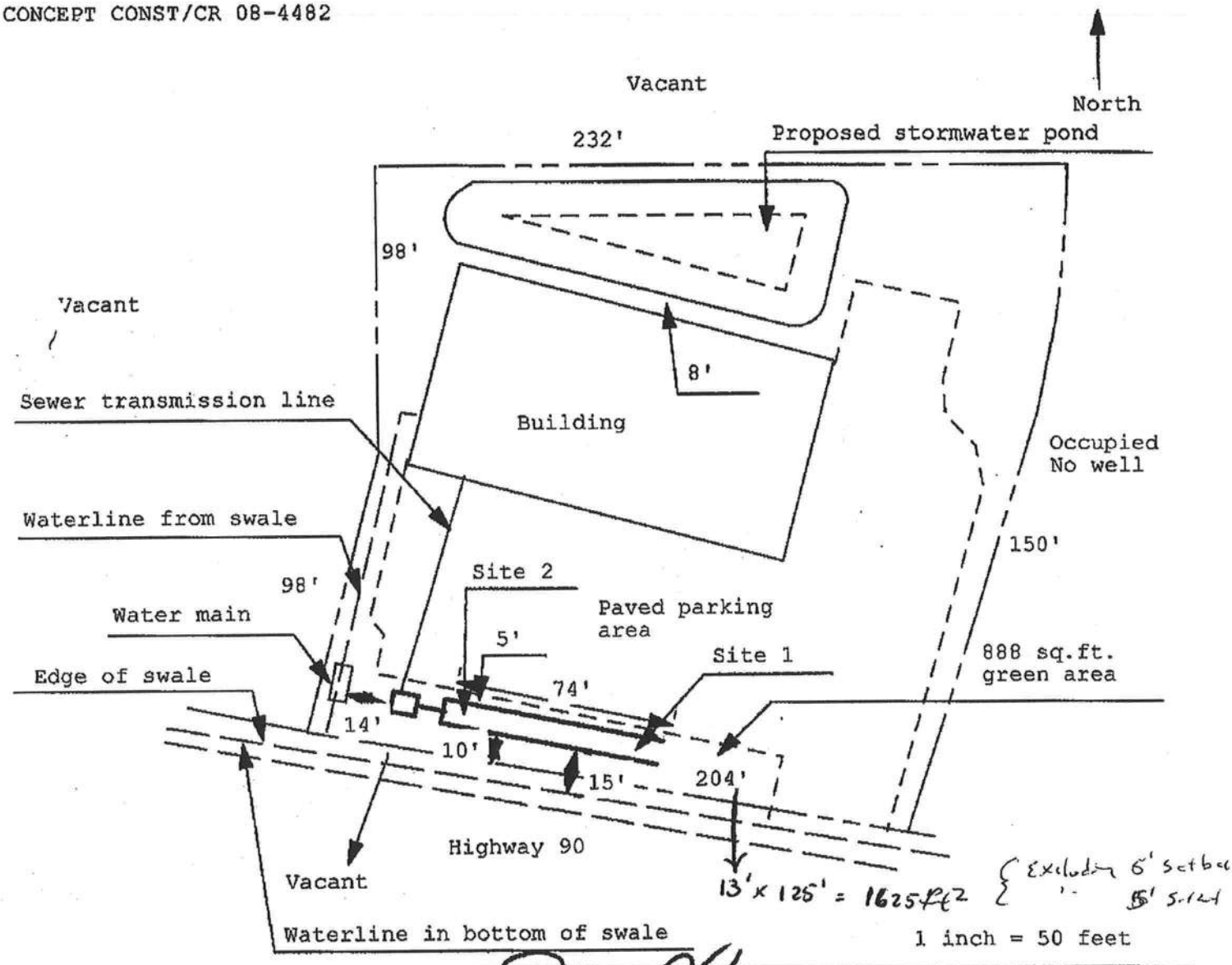
1338

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 08-0765

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CONCEPT CONST/CR 08-4482



Site Plan Submitted By Paul Lloyd **Date** 1/7/09

Plan Approved ✓ **Not Approved** ____ **Date** 1-20-09

By M O'N Columbia **CPHU**

Notes:

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.
PREPARED BY: NICHOLAS PAUL GEIS	**BUILDING OFFICIAL:** _____
DATE: _____	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: _____	
DATE: _____	

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

	REGISTRATION No.
ARCHITECT :	
ELECTRICAL SYSTEM DESIGNER	
LIGHTING SYSTEM DESIGNER:	
MECHANICAL SYSTEM DESIGNER:	
PLUMBING SYSTEM DESIGNER:	

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*76.83*	*100.00*
	$13,994.00	*$18,287.96*
ELECTRICITY(MBtu/kWh/$)	76.83 279,880.00 *$13,994.00*	100.00 364,302.00 *$18,287.96*
AREA LIGHTS	16.04 58,429.00 *$2,921.45*	28.34 103,226.00 *$5,181.95*
MISC EQUIPMT	16.07 58,543.00 *$2,927.15*	16.07 58,543.00 *$2,938.86*
PUMPS & MISC	0.01 32.00 *$1.60*	0.01 34.00 *$1.71*
SPACE COOL	12.07 43,981.00 *$2,199.05*	19.42 70,742.00 *$3,551.25*
SPACE HEAT	3.40 12,385.00 *$619.25*	3.27 11,923.00 *$598.53*
VENT FANS	29.24 106,510.00 *$5,325.50*	32.90 119,834.00 *$6,015.67*

Credits & Penalties (if any): Modified Points: = 76.83 | **PASSES**

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building Grounds Luminaires	3.00	10,000.0	30,000	400
Ext Light 2	Building Grounds Luminaires	3.00	10,000.0	30,000	1,000
Ext Light 3	Lighting integral to advertising signage	3.00	100.0	300	32

Design: 6240 (W)
Allowance: 60300 (W)

PASSES

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	.001	General Sales Area	9,100	1	6	4	PASSES

PASSES

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 **System 1** — **Constant Volume Air Cooled Split System < 65000 Btu/hr** — **No. of Units** 4

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		14.00	10.00	8.00		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		8.20	6.80			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		4.20	4.20			PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance

None

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Electric water heater	<= 12 [kW]	0.90	0.88			PASSES

PASSES

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance
Domestic and Service Hot Water Systems	0.75	False	125.00	0.28	0.60	0.50	**PASSES**

PASSES

Project: New Prj
Title: DOLLAR GENERAL - HWY 90 W
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

EnergyGauge FlaCom v 2.11

INPUT DATA REPORT

Project Information

Project Name: New Prj

Project Title: DOLLAR GENERAL - HWY 90 W

Address: HWY 90 W

-

State: FL

Zip: 0

Owner: DOLLAR GENERAL

Orientation: South

Building Type: Retail

uilding Classification: New Finished building

No.of Storeys: 1

GrossArea: 9100

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	9100.0	1	9100.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]

In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo1Sp1	General Sales Area	70.00	130.00	13.00	1	9100.0	118300.0	☐

Lighting

	No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1									
In Space: Pr0Zo1Sp1									
	1	Compact Fluorescent	General Lighting	101	64	6464	Manual On/Off	4	☐
	2	Compact Fluorescent	General Lighting	12	32	384	Manual On/Off	1	☐
	3	Compact Fluorescent	General Lighting	31	128	3968	Manual On/Off	1	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Wa1	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	130.00	13.00	1	1690.0	South	0.2642	9.6960	62.72	3.79	☐
2	Pr0Zo1Wa2	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	13.00	1	910.0	West	0.0920	1.0718	19.38	10.87	☐
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R11Batt/5/8"Gyp	130.00	13.00	1	1690.0	North	0.0920	1.0718	19.38	10.87	☐
4	Pr0Zo1Wa4	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	13.00	1	910.0	East	0.0920	1.0718	19.38	10.87	☐

Windows

	No	Description	Type	Shaded	U [Btu/hr sf F]	SHG	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
In Zone: Pr0Zo1												
In Wall Pr0Zo1Wa1												
	1	Pr0Zo1Wa1Wi1	User Defined	No	1.2500	0.82	0.76	21.00	10.00	1	210.0	☐

Doors

	No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1													
In Wall: Pr0Zo1Wa2													
	1	Pr0Zo1Wa2Dr1	Solid core flush	No	3.00	7.00	1	21.0	0.5834	0.00	0.00	1.71	☐
In Wall: Pr0Zo1Wa4													
	1	Pr0Zo1Wa4Dr1	Solid core flush	No	3.00	7.00	2	21.0	0.5834	0.00	0.00	1.71	☐

Roofs

	No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1													
	1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	130.00	70.00	1	9100.0	10.00	0.0492	1.34	9.49	20.34	☐

Skylights

	No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Tran	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]

In Zone:
In Roof:

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	130.00	70.00	1	9100.0	0.5987	9.33	140.00	1.67

Systems

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. Of Units 4**

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	60000.00	14.00	8.00
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	60000.00	8.20	
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80	
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1800.00	0.80	
5	Air Distribution System (ADS System)		4.20	

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

	W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss	
1	Electric water heater	40	[Gal]	3 [kW]	0.9000 [Ef]	[Btu/h]	☐

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
1	Ext Light 1	Building Grounds Luminaires	9	400	10000.00	Photo Sensor control	3600.00	☐
2	Ext Light 2	Building Grounds Luminaires	2	1000	10000.00	Photo Sensor control	2000.00	☐
3	Ext Light 3	Lighting integral to advertising signage	20	32	100.00	Photo Sensor control	640.00	☐

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?	
1	Domestic and Service Hot Water Systems	125.00	0.28	0.75	0.60	No	☐

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULSglClrAlFrm	User Defined	1	1.2500	0.8200	0.7600	☐

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000	☐
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.6703	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00	☐
2	178	CARPET W/RUBBER PAD		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1014	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	No	No	0.26	9.70	62.72	3.7856	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.00	☐
2	269	.75" ISO BTWN24" oc	0.0625	0.00	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1019	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.8713	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	4	Steel siding	0.0050	0.00	☐
2	271	2x4@24" oc + R11 Batt	0.2917	0.00	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1023	Solid core flush	No	Yes	0.58			1.7141	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	274	Solid core flush (1.375")		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1047	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3366	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.00	☐
2	23	6 in. Insulation	0.5000	0.00	☐

5)

Rec. 27.00
Cert. Copy 5.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 08-293

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teague
Deputy Clerk
Date 2-05-09

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

Inst 200912001659 Date 2/3/2009 Time 4:30 PM
DC,P DeWitt Cason,Columbia County Page 1 of 3 B:1166 P:1545

PERMIT NO._____

TAX FOLIO NO.: R02436-000

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

SEE EXHIBIT "A" ATTACHED HERETO
FOR LEGAL DESCRIPTION

2. General description of improvement: Construction of commercial building

3. Owner information:

a. Name and address: CRAWFORD DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, 295 Commons Loop, Suite 115-391, Lake City, Florida 32055.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: CRAWFORD DEVELOPMENT GROUP, LLC, 295 Commons Loop, Suite 115-391, Lake City, Florida 32055.

5. Surety

a. Name and address: None

6. Lender: PROSPERITY BANK, 100 South Park Blvd., Ste 303, St. Augustine, Florida 32086.

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates PROSPERITY BANK, 100 South Park Blvd, Ste 303, St. Augustine, Florida 32086, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

"WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT."

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE READ THE FOREGOING AND THAT THE FACTS STATED IN IT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CRAWFORD DEVELOPMENT GROUP, LLC

By: _____
Brian K. Crawford
Managing Member

The foregoing instrument was acknowledged before me this 30th day of January 2009, by BRIAN K. CRAWFORD, Managing Member of CRAWFORD DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, on behalf of the company. He is personally known to me and did not take an oath.

_____
Notary Public
My commission expires: 1-16-2010

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

TOWNSHIP 3 SOUTH - RANGE 16 EAST

SECTION 33: A part of the SW 1/4 of NE 1/4, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, lying North of the right-of-way of U.S. Highway No. 90, being more particularly described as follows: Commence at the NE corner of SW 1/4 of NE 1/4 of said Section 33, and run thence N 88°23'34"W, along the North line of SW 1/4 of NE 1/4 of said Section 33, 185.79 feet to the POINT OF BEGINNING; thence continue N 88°23'34"W, 232.85 feet; thence S 01°36'26"W, 98.59 feet; thence S 26°30'00"W, 98.17 feet to a point on the Northerly right-of-way line of U.S. Highway No. 90; thence S 63°30'00"E, along said Northerly right-of-way line, 204.99 feet; thence N 26°30'00"E, 150.00 feet to a point on a curve of a curve to the left, having a radius of 270.00 feet, an included angle of 24°53'31" and a chord bearing of N 14°03'13"E, 116.38 feet; thence Northeasterly along the arc of said curve, 117.30 feet; thence N 01°36'26"E, 24.21 feet to the POINT OF BEGINNING.

TOGETHER WITH all rights of Crawford Development Group, LLC under and pursuant to Reciprocal Easement Agreement between Daniel Crapps and Giebeig Property Management, Inc. dated October 1, 2005 and recorded in Official Records Book 1061, Page 2309 of the public records of Columbia County, Florida.

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Limited Liability Company

CRAWFORD DEVELOPMENT GROUP, LLC

Filing Information

Document Number	L08000094792
FEI Number	NONE
Date Filed	10/06/2008
State	FL
Status	ACTIVE

Principal Address

295 COMMONS LOOP, STE. 115-391
LAKE CITY FL 32055

Mailing Address

295 COMMONS LOOP, STE. 115-391
LAKE CITY FL 32055

Registered Agent Name & Address

CRAWFORD, BRIAN S
295 COMMONS LOOP, STE. 115-391
LAKE CITY FL 32055

Manager/Member Detail

Name & Address

NONE

Annual Reports

No Annual Reports Filed

Document Images

10/06/2008 -- Florida Limited Liability View image in PDF format

Note: This is not official record. See documents if question or conflict.

DARBY, PEELE, BOWDOIN & PAYNE
A PARTNERSHIP INCLUDING PROFESSIONAL ASSOCIATIONS
ATTORNEYS AT LAW

HERBERT F. DARBY, P.A.
S. AUSTIN PEELE, P.A.
W. RODERICK BOWDOIN, P.A.
M. BLAIR PAYNE

285 N.E. HERNANDO AVENUE
POST OFFICE DRAWER 1707
LAKE CITY, FLORIDA 32056
TELEPHONE (386) 752-4120
FACSIMILE (386) 755-4569

September 30, 2008

7657.03-08-221

Secretary of State
Registration Section
Division of Corporations
Post Office Box 6327
Tallahassee, Florida 32314

Gentlemen:

Enclosed are two executed counterparts of Articles of Organization of Crawford Development Group, LLP to be filed in your office.

Also enclosed is our trust account check in the amount of $155.00 to cover the filing fee, designation of registered agent and certified copy. Please certify one of the enclosed counterparts and return it to us at your early convenience.

Thank you.

Very truly yours,

S. Austin Peele
For the Firm

SAP/pdw
Enclosures
cc: Mr. Brian S. Crawford (w/encl.)

SAP/pdw
7657.03-08-221
9/28/08

ARTICLES OF ORGANIZATION

OF

CRAWFORD DEVELOPMENT GROUP, LLC

The undersigned, being a member of the limited liability company being formed under Chapter 608, Florida Statutes, hereby adopts the following articles of organization:

I.

The name of the limited liability company is:

Crawford Development Group, LLC

(hereinafter the "Company").

II.

The Company shall have perpetual existence, unless dissolved by operation of law.

III.

The street address of the principal office of the Company is 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055 and the mailing address is the same.

IV.

The name and street address of the initial registered agent in the State of Florida for the Company is BRIAN S. CRAWFORD, 295 Northwest Commons Loop, Suite 115-391, Lake City, Florida 32055. By signing these articles of organization, the registered agent voluntarily consents to serve as registered agent of the Company and

FILED
OCT -6 AM 8:34
TALLAHASSEE, FLORIDA

acknowledges that he is familiar with the obligations and duties of a registered agent as required by law and hereby accepts those duties and responsibilities.

V.

The unanimous consent of all members shall be required to admit additional members, which shall be in accordance with the terms and conditions of the operating agreement of the Company.

VI.

None of the members of the Company are liable for the payment of any debt, obligation or other liability of the Company.

IN WITNESS WHEREOF, the undersigned has executed these Articles of Organization this 30th day of September, 2008.

_____(SEAL)
BRIAN S. CRAWFORD, as member
and registered agent

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of September, 2008, by BRIAN S. CRAWFORD, who is personally known to me, or who has produced _____, as identification.

_____
Notary Public, State of Florida

(NOTARIAL SEAL)

PATRICIA D. WILDERS
(Print or Type Name)

My Commission Expires:

FILED
08 OCT -6 AM 8:34
SECRETARY OF STATE
TALLAHASSEE FLORIDA

IRS DEPARTMENT OF THE TREASURY
INTERNAL REVENUE SERVICE
CINCINNATI OH 45999-0023

Date of this notice: 12-19-2008

Employer Identification Number:
26-3901962

Form: SS-4

Number of this notice: CP 575 B

For assistance you may call us at:
1-800-829-4933

IF YOU WRITE, ATTACH THE
STUB AT THE END OF THIS NOTICE.

CRAWFORD DEVELOPMENT GROUP LLC
BRIAN CRAWFORD MBR
295 NW COMMONS LOOP
LAKE CITY, FL 32055

WE ASSIGNED YOU AN EMPLOYER IDENTIFICATION NUMBER

Thank you for applying for an Employer Identification Number (EIN). We assigned you EIN 26-3901962. This EIN will identify you, your business accounts, tax returns, and documents, even if you have no employees. Please keep this notice in your permanent records.

When filing tax documents, payments, and related correspondence, it is very important that you use your EIN and complete name and address exactly as shown above. Any variation may cause a delay in processing, result in incorrect information in your account, or even cause you to be assigned more than one EIN. If the information is not correct as shown above, please make the correction using the attached tear off stub and return it to us.

Based on the information received from you or your representative, you must file the following form(s) by the date(s) shown.

Form 1065 04/15/2009

If you have questions about the form(s) or the due date(s) shown, you can call us at the phone number or write to us at the address shown at the top of this notice. If you need help in determining your annual accounting period (tax year), see Publication 538, *Accounting Periods and Methods*.

We assigned you a tax classification based on information obtained from you or your representative. It is not a legal determination of your tax classification, and is not binding on the IRS. If you want a legal determination of your tax classification, you may request a private letter ruling from the IRS under the guidelines in Revenue Procedure 2004-1, 2004-1 I.R.B. 1 (or superseding Revenue Procedure for the year at issue). Note: Certain tax classification elections can be requested by filing Form 8832, *Entity Classification Election*. See Form 8832 and its instructions for additional information.

A limited liability company (LLC) may file Form 8832, *Entity Classification Election*, and elect to be classified as an association taxable as a corporation. If the LLC is eligible to be treated as a corporation that meets certain tests and it will be electing S corporation status, it must timely file Form 2553, *Election by a Small Business Corporation*. The LLC will be treated as a corporation as of the effective date of the S corporation election and does not need to file Form 8832.

To obtain tax forms and publications, including those referenced in this notice, visit our Web site at www.irs.gov. If you do not have access to the Internet, call 1-800-829-3676 (TTY/TDD 1-800-829-4059) or visit your local IRS office.

27630

Donald F. Lee & Associates, Inc.

Surveyors & Engineers

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dfla.com

Monday, March 02, 2009

TO: Columbia County Building Department

CC: Brian Crawford - Concept Construction

RE: Floor Elevation Check – Dollar General Store – US90W
Parcel No. 33-3S-16-02436-000

Elevations (based on a design survey benchmark) were obtained on form boards for a building (Dollar General Store) under construction on the above referenced property. The results are as follows:

Building Floor (at form boards): 166.00'

SIGNED: _____
Timothy A. Delbene, PLS
Florida Reg. Cert. No. 5594

DATE: 3 / 2 /2009

#27630

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building Dept. Fax No: 904-758-2160	From: Neil E. Miles, FDOT Permits Coor. Date: 5-06-09 Fax No. 904-961-7180 Attention: In-House Staff

( ) Sign and return. (XX) For your files. ( ) Please call me. ( ) FYI ( ) For Review

Reason for Contact. Property Owner requesting release of Columbia County Building Permit for new Dollar General Store on US 90 on property located just east of the intersection of SR-10 (US 90W) & Brown Rd.

RE: New East Bound Left Turn Lane / Inspected On: 6-10-09
PROJECT: Dollar General West Store
PROPT. OWNER: Brian Crawford, (Land & Home Owner)

PROPOSED: Review of New Permitted Left Turn Lane (EB)
PERMITTEE's MAILING ADDRESS: Unknown
COUNTY PARCEL Tax ID No: Not Known
Land Owners Phone #: Unknown
FDOT Permit No: 09-A-292-0004 /Construction Rep: "R&E"

Mr. Kerce or Staff Member:

Our office completed a review of the above property owners existing Joint Use Access connection on 6-10-09 and the new EB Left Turn Lane all has passed our inspection for Commercial Access code use. After reviewing the new constructed Left Turn Lane & Joint Use Connection, the FDOT Permits Office is satisfied that ALL required ACCESS improvements have now been satisfied.

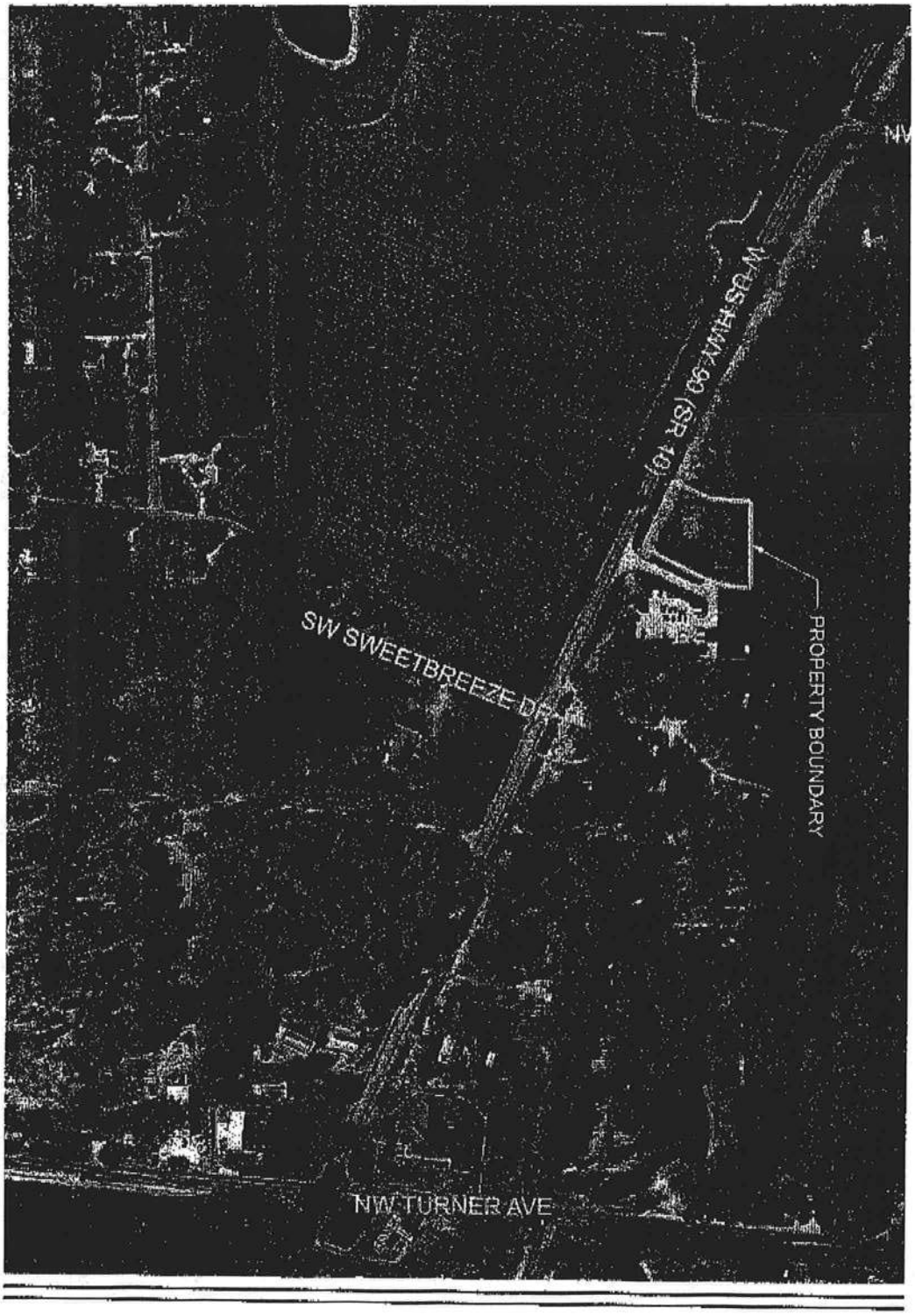
Please accept this notice as legal proof from our office at FDOT Permits in releasing any hold there may be for this person's planned move on in relation to the required Access acceptance.

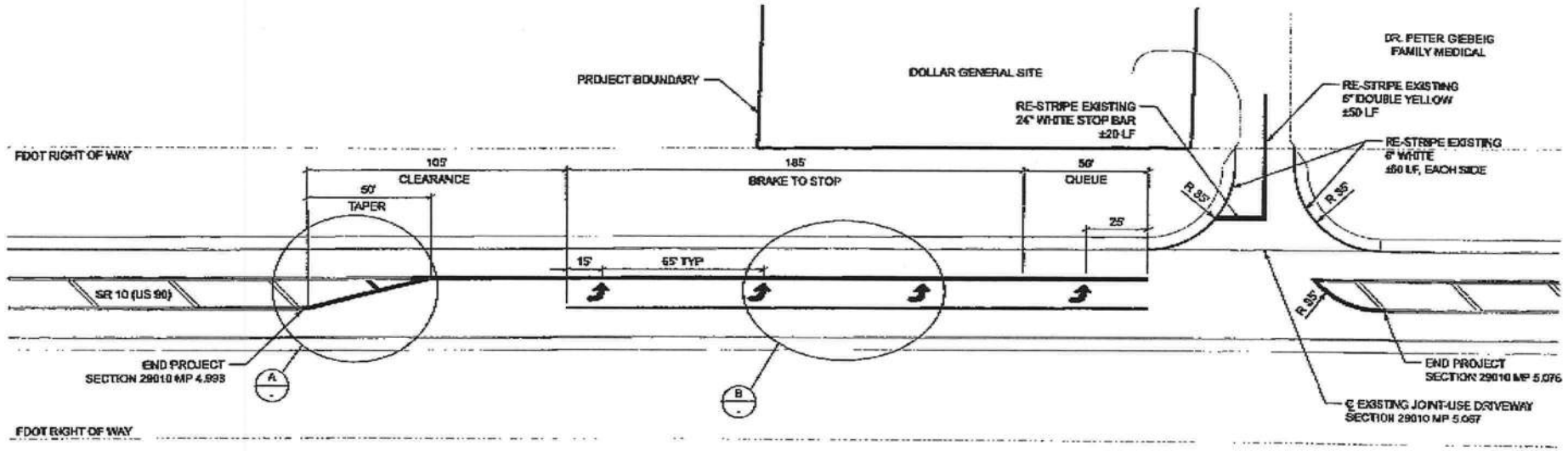
If further information is required on this project please do not hesitate to contact this office for additional access permitting information details. My office number is 961-7193 or 961-7180.

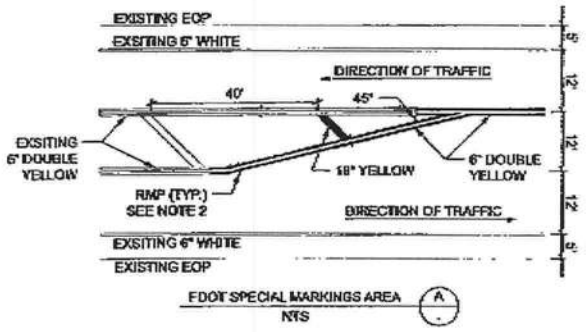
Sincerely,
NE Miles
Neil Miles
Access Permits Coordinator

It's great to have folks like you to work with, thanks again for your assistance!

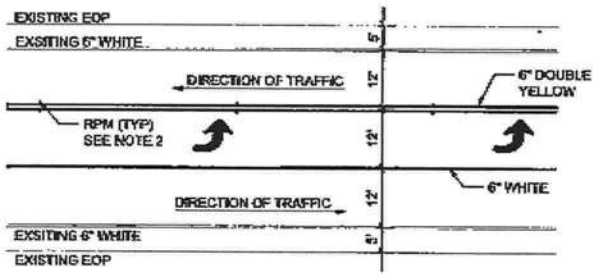
PS: 3 sheets faxed


US HWY 90 (SR 10)
SW SWEETBREEZE DR
PROPERTY BOUNDARY
NW TURNER AVE

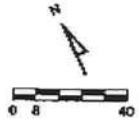




FDOT SPECIAL MARKINGS AREA A
NTS



FDOT SPECIAL MARKINGS AREA B
NTS



NOTES:

1. TIE PROPOSED STRIPING INTO THE EXISTING STRIPING TO FORM CONTINUOS PAVEMENT MARKINGS
2. REFLECTIVE PAVEMENT MARKINGS (RPM) SHALL BE PLACED ACCORDING TO FDOT DESIGN STANDARDS SEE INDEX 17352

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CES
Crews Engineering Services, LLC
P.O. BOX 976
LAKE CITY, FL 32056
PHONE: 386.754.4085
Brett A. Crews, P.E. 65592

DRAWN BY: BC
APPROVED BY: BC

DOLLAR GENERAL WEST SR 10 SAFETY UPGRADE

PAVEMENT MARKINGS PLAN

CES PROJECT NO.: 2009-005
SHEET: FDOT2

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

Lake City Maintenance Office
Post Office Box 1415
Lake City, Florida 32056-1415

STEPHANIE C. KOPELOUSOS
SECRETARY

FDOT- Lake City Maintenance
Permits Office
P. O. Box 1415
Lake City, Fl. 32056-1415

Date: 27th February, 2009

Columbia County Building & Zoning
Mr. John Kerce, Director
135 NE Hernando Avenue, Suite B21
Lake City, Florida 32055

John:

Enclosed is a copy of the State Access Management's "Notice of Intent to Issue Permit" pertaining to the new commercial Dollar General, West. This new on-going project is located just to the west of Dr. Giebeig's Office Property and will gain its only access by way of the existing "Joint Use" (Shared) Access Connection with the Doctor's Office which was approved previously some years ago.

The Department has reviewed and completed the required Access Management Safety Review and the resulting "Conditions" have been placed in the NOI Document that is enclosed herein.

The Department is requesting your office's normal mutual inter-governmental assistance in the completion of the five (5) Safety Access Conditions that must be satisfied by the developer before the (1.) Permanent Building Electrical Power and the (2.) Issuance of the required Columbia County Certificate of Building Occupancy is made.

The Developer has voluntarily submitted a "Letter of Notice" that he understands and is in agreement to make and complete these State NOI Conditions before he applies to your office personnel for the Certificate of Building Occupancy.

Please know that we here in the State Access Permitting Office at Lake City Maintenance appreciate both you and the staffs continued assistance in these mutual concerns. Your offices continued reinforcement makes our job here that much easier I can tell you. Please accept my personal thanks for the Columbia County Building & Zonings wonderful support in these mutual permitting issues.

Sincerely Yours,

Neil E. Miles
Permits Coordinator
Lake City Maintenance

Attention: Mr. Neil Miles

Re: Road Improvements

Project: Dollar General West US 90
Lake City, FL 32055

Mr. Miles,

I am writing to inform that as developer of the above referenced project I understand that additional improvements are required to satisfy FDOT's permit requirements for the development of this project. Furthermore I agree to install the required improvements prior to obtaining a certificate of occupancy from the local building official. I understand that if the FDOT requirements are not met then a certificate of occupancy will not be issued.

Thank you,

Brian S. Crawford
Concept Development, Inc.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PROPOSED STATE HIGHWAY ACCESS CONNECTION
NOTICE OF INTENT TO ISSUE PERMIT

Important: This Notice does not authorize construction to begin and is not a final permit.
ALSO NOTE: THIS NOTICE OF INTENT IS ONLY VALID FOR 1 YEAR FROM SIGNING DATE IN PART 6.

PART 1: APPLICANT INFORMATION

APPLICATION NUMBER: 09-A-292-0004

Project Name: Dollar General Store, West

State Road Name/Number: 10

Section Number: 29010

Maintenance Office: Lake City Neil E. Miles
Permit Staff Representative

Applicant: Crawford Development, LLC & Concept Development, Inc.

Responsible Officer: Brian S. Crawford

Mailing Address: 5089 W. US 90 (Street) Lake City (City) Florida (State) 32055 (Zip)

Telephone: 386-755-8887

PART 2: NOTICE OF INTENT TO ISSUE PERMIT

YOU ARE HEREBY ADVISED:

The Florida Department of Transportation has completed its review of the subject connection permit Application received 02-15-09 for consistency with Rule Chapters 14-96 and 14-97, F.A.C., and current Department spacing, location, and design criteria and hereby issues this "Notice of Intent" to:

☐ Issue the subject permit consistent with the permit Application.

☒ Issue the subject permit consistent with the permit Application and subject to the attached provisions.

IMPORTANT

This notice of intent to issue a permit does NOT constitute Department permit issuance. The permit will be issued after the permittee shows proof that a valid local government development approval or development order has been given to the sites served by the connection and special provisions of the approval consistent with the permit applications and conditions previously noted.

No connection work on the right of way shall be initiated until the Department permit is actually issued. Any changes to the site(s) plan will require re-evaluation of the connection(s). This notice is valid for one year, from the date of issuance, and can only be extended with approval by the Department for problems outside the control of the applicant pursuant to Rule Chapter 14-96, F.A.C. This Notice of Intent is transferable as specified only in Rule Chapter 14-96, F.A.C.

Continued Next Page

PART 3: CONDITIONS

Conditions to be met before Permit will be issued:

Standard:

1. Development approval from the appropriate local government consistent with the Notice of Intent to Permit;
2. Assurance of performance pursuant to Section 334.187, Florida Statutes (if required);
3. Notification of all known right of way users affected by the connection(s);
4. Compliance with drainage requirements in Rule Chapter 14-86, F.A.C.

Other Conditions:

Additional Special Conditions to be met before the applied for Access permit will be issued:

Condition No. 1:

Construct a new East Bound left turn lane for the joint use commercial connection; to be installed by removing the existing marking and restriping utilizing the Hydroblasting method only. Refer to the 2008 Design Standards, Index 17346, Sheet 9 of14. for the single lane design. Design the turn lane based on 45 mph design speed and use of a required 75 foot queue. No Stop Bar required as this will not be under a "Stop Condition" requirement.

Condition No. 2:

Remove the existing Joint Use connections 24 inch wide Pavement Stop Bar and the first 100 LF of the double yellow lane separation striping and the white radius edge lines utilizing the Hydroblast method and restore all utilizing the requirements of the 2008 Design Standards Manual, utilizing requirements found in the 17346 Index, under "Special Pavement Markings" Sheet. All required new thermoplastic materials and its construction shall met or exceed the requirements found in Section 711 of the 2007 Maunal on "Standard Specifications for Road & Bridge Construction."

Condition No. 3:

Restore or reconstruct the aboveground commercial driveway connection's STOP Sign to current FDOT Specifications. Refer to the 2008 Design Standards Manual for specific's.

Condition No. 4:

The Florida Department of Transportation hereby places the applicant on notice that a legal agreement is in place with the local permitting authorities, and as such, the applicant shall not gain the final (a.) Permenant Building Electricial Power nor the final required (b.) Building Certificate of Occupancy, until all State FDOT Access Permit Requirements, Provisions and/ or Conditions have been met, inspected and satisfied through the local Lake City Maintenance, Permits Offices, with written release notice of same to those local permitting authorities from the FDOT, Permits Office.

The Applicant may use this document to show proof to the local permitting authorities that a review has or is being been made by the FDOT, Permits Office and that the Department has no objection to the issuance of the preliminary site work permits, needed to allow the applicant to commence the initial site preparations.

Condition No. 5: Removal of any and all pre-existing (non-permitted) driveway access connections that currently connect to the property.

Continued Next Page

PROPOSED STATE HIGHWAY ACCESS CONNECTION
NOTICE OF INTENT TO ISSUE PERMIT

PART 4: NOTICE OF DEPARTMENT AUTHORITY

1. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.

2. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove, or modify any present or future transportation control feature or devices in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.

PART 5: DEPARTMENT CONTACT

NAME: Neil E. Miles

ADDRESS: PO Box 1415

Lake City, Fl. 32056-1415

PHONE: 386-961-7180

PART 6: SIGNATURE OF DEPARTMENT AUTHORITY

SIGNATURE OF DEPARTMENT OFFICIAL: Neil E. Miles

PRINT OR TYPE NAME: Neil E. Miles

PRINT OR TYPE POSITION: Permits Coordinator

DATE: 2/18/2009 PHONE: 386-961-7193

Continued Next Page

PART 4: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57(1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

End

O.C.

Florida Department of Transportation

JEB BUSH
GOVERNOR

JOSE ABREU
SECRETARY

FDOT
Lake City Maintenance
Permits Department
Post Office Box 1415
Lake City, Fl. 32056-1415

Date: 9-15-04

Freeman Design Group, Inc.
Mr. William H. Freeman, P.E.
161 NW Madison Street
Lake City, Fl. 32055

RE: Approved FDOT Access Permit, Joint Use, (Shared Access)

Permit No. 04-A-292-0020
Permittee: Peter W. Giebeig, Jr. for Giebeig Property Management, Inc.
State Hwy: 10 (W), (U. S. Hwy. 90)
State Road Section No. 29010
Approximate Mile Post: 5.067 + -
County: Columbia

Mr. Williams:

This will acknowledge your request on behalf of your client, Mr. Peter W. Giebeig, Jr. for Giebeig Property Management, Inc., in making proposed **Joint Use** (Shared Access) Access and Roadway Improvements to State Highway No. 10. Your client is hereby granted permission by State Access permit to make the following improvements and/or modifications to SR-10 at or about Mile Post 5.067 + -.

Access Connection Details

Proposed for construction is a single twenty-four foot (Double 12' wide lanes) wide asphalt paved commercial access. The new driveway shall require a total of eighty-five LF (85' X 18" CMP w/ MES) of eighteen inch diameter (18") sidedrain CMP with two mitered ends attached. The proposed new sidedrain CMP shall be placed a minimum of 4 inches below the existing flow line grade of the ditchline before earth fill is placed down. Once completed, an FDOT approved earth fill material shall be used to cover the main sections of the new driveway. All earth fill shall be compacted along each side of the new sidedrain pipe by mechanical method and shall be stabilized with a final twelve inch subgrade. Once the earth fill and the stabilized subgrade is constructed to specifications, an eight (8") inch compacted lime rock base course shall be constructed with three tests made showing proof of passing 98% density. The new connection shall be built out as a twenty-four foot wide asphalt connection with double thirty-five (35') turning radii. Five foot wide asphalt paved shoulders shall be constructed on both of the 35 foot wide turnout radii throughout the full turn movements.

Permitted 150 Ft. Asphalt Paved Taper with 5 foot Asphalt Paved Shoulders
In addition to the above driveways specifications the new connection shall require a minimum one-hundred and fifty LF (150') of asphalt paved deceleration taper with five (5') foot wide paved shoulders carried to the R/W Line. A minimum of eight inches of compacted lime rock base with a minimum of two (2" inches) of an approved asphalt course material shall be required for the paved taper and shoulder areas and shall rap around to the property line and taper to zero. Two five feet (5' +) wide or greater sloped earth shoulders, stabilized with a complete coverage of Certified Coastal Bermuda grass sod shall be required. The asphalt paved driving surface shall be constructed with a minimum of two (2") inches of an FDOT approved asphalt course. A minimum of eighty-five (85') L.F. of C.M.P. with two (2) 1:4 sloped Mitered End Sections constructed with concrete pads poured around each shall also be required. **Note: the proposed new sidedrain pipe shall be placed a minimum of 4 to 6 inches below existing ditch flow grade for future maintenance. The two required M.E.S.'s are included in the total L.F. mentioned above.**

MECHANICAL OFF-SET CUT: If there is an existing paved shoulder at the location of the proposed new connection then a 6 inch to 1-foot wide mechanical saw-cut off-set ("BUTT JOINT") shall be required to be made into the existing paved shoulder for a smooth joint match point. This permit requirement may not appear on the approved plans; however it is a required permit provision no less.

Testing
The lime rock base course(s) shall be compacted to a passing maximum density of 98%, with three (3) density tests made for each lift course. Proof of passing density shall be forwarded to the local FDOT Permits Inspector a minimum of 48 hours in advance of any planned paving commencement. The Permittee, his/her General Contractor shall contact the FDOT Permits Office for directions as to the of the tests sites. No paving can be started without proof of passing density tests.

Pavement Striping and Signage Requirements
Per the approved permit and site plan the completed asphalt surface course shall have a "Lead Free", White Thermoplastic STOP BAR as well as a minimum of fifty L.F. (50') of Yellow, double six (6") wide, Thermoplastic Lane Separation Striping all per FDOT Index No. 17346. All new Thermoplastic Striping shall conform to the State FDOT Indexes 17302, 17346 and /or 11860. **All thermoplastic marking materials shall be "Certified Lead Free" Materials.** A single Series 600, R1-1 aboveground STOP SIGN shall be required to be constructed per FDOT Index requirements all aboveground signs proposed to be constructed upon FDOT Right-of way shall be constructed per approved site plan and per FDOT Index No. 17302, Sheet 1 of 1. All metal posts on FDOT shall be aluminum two inch or greater in diameter and set at a minimum height of 7 feet from EOP grade with brackets per FDOT Index No. 11860. **Z-Bar Brackets are required on all single posted aboveground FDOT signs. Note: All aboveground signs shall be in place and have had passing FDOT inspections before paving can commence.**

Notice: A 20-Day asphalt Cure-out period shall be required of the newly constructed asphalt surface course, before any thermoplastic markings may be placed down. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final inspection with a passing grade inspection being received, with evidence of same to the Permittee.

Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration
All areas of the ditch line its slopes; radii and other areas that fall within the limits of the permitted access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable.

Grass Sod Requirement Details
All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. **Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit. Failure to complete this provision can be reason for temporary suspension of this permit.**

Notice of Minimum FDOT Specifications
All construction shall be to the most current F.D.O.T. Roadway and Traffic Design Standards and F.D.O.T. Standard Specifications for Road and Bridge Construction. All construction shall be per approved permit, cover letter, special provisions, and signed and sealed site plans and shall conform to all current F.D.O.T. Specifications and Inspections. No work can commence on F.D.O.T. right- of- way before the approved Maintenance of Traffic Plan is in place. The FDOT Permits Staff shall have final say as to any conflicts of interest that may occur, before, during or after the construction phase. An approved Maintenance of Traffic Plan must be in place and working correctly before any work may proceed.

Notice of Final Approved Plans Interpretation
The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plan and construction concepts and method details that could affect the FDOT Right-of-Way Property.

Notice of Pre-Construction Meeting (Mandatory)
The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit. It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **THIS IS A MANDATORY PERMIT PROVISION!!**

Save Harmless Clause
Please refer to the approved permit, site plan drawings and if attached addendum and/or Survey Plat for Access type, location and construction details. Refer to the approved connection permit for additional **General and Special Provisions** that could alter construction design plans as shown on the attached site plan sheet. A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications and Safety Criteria.

This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Also, please request your Engineer or Representative to contact our Permits Coordinator, Neil E. Miles, at 710 NW, Suite No. 101 Lake Jeffery Road, Lake City, Florida, 32055-2621, Phone Number (904) 961-7193 or if no answer call 961-7180, a minimum of **48** hours prior to your planned commencement date. **Legal 2 way verbal contact is required.**

Sincerely,

Neil E. Miles
Access Permits Coordinator
FDOT at Lake City Maintenance

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 04-A-292-0020

Permit Category: B Access Classification: 4

Project: PROP.24'FT. WIDE PAVED CONECTION WITH 50/35' TURNOUT RADII, TWO BLD' S (TOTAL 9510 SQ. FT.

Permittee: GIEBEIG PROPERTY MANAGEMENT, INC. / PETER W. GIEBEIG JR.

Section/Mile Post: 29010 / MP: 5.067 State Road: 10 (W)

Section/Mile Post: N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: GIEBEIG PROPERTY MANAGEMENT, INC FOR PETER W. GIEBEIG JR.

Permittee Mailing Address: 126 SOUTH TARRAGON GLEN

City, State, Zip: LAKE CITY,FL 32024

Telephone: (386) 719-4290

Engineer/Consultant/or Project Manager: FREEMAN DESIGN GROUP

Engineer responsible for construction inspection: WILLIAM H. FREEMAN, P.E. (NAME) 56001 (P.E. #)

Mailing Address: 161 NW MADISON STREET, SUITE NO. 102

City, State, Zip: LAKE CITY, FLORIDA 32055

Telephone: (386) 758-4209 FAX, Mobile Phone, etc. BILL@FREEMANDESIGN.NET

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 04-A-292-0020

Department of Transportation

Signature: Title: ACCESS PERMITS COORDINATOR

Department Representative's Printed Name NEIL E. MILES

Temporary Permit ○ YES ○ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ◉ YES ○ NO

Date of Issuance:

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.

   Phone: (386) 961-7180 , Attention: NEIL E. MILES, PERMITS CONTACT

2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.

3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.

4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.

5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.

6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.

7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.

8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.

9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.

10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.

11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.

12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.

13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility,except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.

14. The Permittee shall be responsible for determining and notify all other users of the right of way.

15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: ◉ YES ○ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.

2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:
GENERAL DRIVEWAY ACCESS CONNECTION DESCRITION:
** AS PERMITTED THE PERMITTEE SHALL CONSTRUCT A 24' FOOT DRIVEWAY WITH DOUBLE 35'FOOT TURN RADII, ALSO 150' FOOT DECELL - TAPPER. SEE ATTACHED SITE PLAN FOR ADDITONAL DETIALS:

PART 6: APPEAL PROCEDURES

You may request an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. If you disagree with the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may request a formal administrative hearing pursuant to Section 120.57(1), Florida Statutes. If you agree with the facts stated in the Notice, you may request an informal administrative hearing pursuant to Section 120.57(2), Florida Statutes. You must send the written request to:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The written request for an administrative hearing must conform to the requirements of either Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and must be received by the Clerk of Agency Proceedings by 5:00 P.M., no later than 21 days after you received the Notice. The written request for an administrative hearing should include a copy of the Notice, and must be legible, on 8 ½ by 11 inch white paper, and contain:

1. Your name, address, telephone number, and Department identifying number on the Notice, if known, and name, address, and telephone number of your representative, if any;
2. An explanation of how you are affected by the action described in the Notice.
3. A statement of how and when you received the Notice.
4. A statement of all disputed issues of material fact. If there are none, you must so indicate.
5. A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle you to relief; and
6. A demand for relief.

A formal hearing will be held if there are disputed issued of material fact. If a formal hearing is held, this matter will be referred to the Division of Administrative Hearings, where you may present witnesses and evidence and cross examine other witnesses before an administrative law judge. If there are no disputed issues of material fact, an informal hearing will be held, in which case you will have the right to provide the Department with any written documentation or legal arguments which you wish the Department to consider.

Mediation, pursuant to Section 120.573, Florida Statutes, will be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

If a written request for an administrative hearing is not timely received you will have waived your right to have the intended action reviewed pursuant to Chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

FLORIDA DEPARTMENT OF TRANSPORTATION

JEB BUSH
GOVERNOR

JOSE ABREU,
SECRETARY

PERMITTEE: DR. Pete Geibieg JR. / Permit No: 04-A-292-0020

State Rd: 10 / Section: 29010 /MP; 5.067+ -/ PERMIT CAT: B

D/W Description: Prop. 24'wide paved connection with50/35'turnout radii, Two Bld,s (total 9510 Sq. Ft,).

Asst. Maintenance Engineer or Permits Coordinator Approval

NEIL E. MILES, PERMITS ENGINEER

THE FOLLOWING ARE ADDITIONAL SPECIAL PERMIT PROVISIONS THAT ARE A LEGAL PART OF THIS PERMIT & DO APPLY TO THE ABOVE REFERENCED PERMIT, IF SO MARKED MUST BE COMPLYED WITH IN ADDITIONAL TO THE GENERAL PROVISIONS.

1. XXX All portions of the FDOT right-of-way disturbed during construction under this permit shall be mulched seeded and /or 2 feet of grass sod placed adjacent to the driving lane, or as called for under the approved permit & per FDOT specifications.
2. XXX Permittee shall restore wildflowers disturbed during permitted construction with new seed to be (amount and & method) determined by Mr. Dick Bush, District Landscaping Engineer. Seed shall be delivered to Lake City Maintenance, Permits Office before commencement of permitted placement.
3. XXX The Permittee will contact the appropriate city, county, state government agency; a minimum of forty-eight (48) hours in advance of starting excavation within the area of any signalized intersection.
4. XXX The Permittee can be required to physically relocate (move), as so indicated under this permit at a future date, due to proposed future or on-going FDOT roadway construction planned within the limits of the permitted area.
5. XXX Existing utilities may be located within the construction area. Prior to permit approval, permittee shall locate and notify all utilities within the proposed limits of construction and or permitted area and obtain detailed information from the utility owners as to possible conflicts between utilities and permit tee's work. Permittee shall be responsible for pre & post permit coordination, and all adjustments and shall be solely responsible for resolving any conflicts of utilities, either before or during or after the final permitting. The Permittee shall be solely responsible for any and all damages to existing utilities and/or damage to third parties caused by interference with or damage to existing utilities. The Permittee shall show positive proof that all utility owners with existing interest in the area permitted, have been previously contacted in advance of final permit approval.
6. XXX No business is to be done on FDOT right-of-ways, if vehicles are to be serviced on roadside with pumps, Pump islands must be located at least twelve (12) feet from right-of-way line.
7. XXX Driveway permits are granted to permit access to abutting property only. Parking on right-of-way may be restricted or prohibited.
8. XXX The erection of signs on or overhanging the right-of-way of state roads is not permitted. The connection of any type of subsurface drainage to FDOT storm drains or ditches is prohibited unless by permit or as shown in the general or special provisions of the referenced permit.
9. XXX All Construction and/or Maintenance on the Department's right-of-way shall conform to Federal Manual on Uniform Traffic Control Devices (MUTCD), the Department's most current manual of the Roadway and Traffic Design Standards Specifications for Road and Bridge Construction.
10. XXX Pre and Final Inspections are required by FDOT Permits Office and the assigned inspector.
11. XXX A pre-construction review of the construction planned under the permit shall be mandatory. The Permit tee shall make contact with the Lake City, Permits Office at (904) 961-7180 or 961-7193, a minimum of 48 hours in advance of the Permit tee's planned start date so as to arrange a mutually time to meet. Failure by the Permit tee to meet this requirement can be reason for revocation of the approved permit.
12. XXX If proposed permitted work limits are within a State Roadway Construction Area that is proposed or underway then the permit tee shall schedule commencement date and all planned work under this permit with the State FDOT's contract representative in charge of on-site project operational responsibilities.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

OFFICE USE ONLY

Application Number: 04-292-0020
Received By: NEIL E. MILES (FDOT STAFF (TYPE OR PRINT))
Category: B (MINOR COMM)
Date: 7-02-04
Section/Mile Post: 29010 / MP. 5.067+-
State Road: 10 10, (US 90 W)
Section/Mile Post: N/A
State Road: N/A

Instructions - To Applicant

- Contact the Department of Transportation to determine what plans and other documents you are required to submit with your application.
- Complete this form (some questions may not apply to you) and attach all necessary documents and submit it to the Department of Transportation.
- For help with this form contact your local Maintenance or District Office.
  - Or visit our website at http://www11.myflorida.com/onestoppermitting/ for the contact person and phone number in your area.
  - You may also email - driveways@dot.state.fl.us
  - Or call your District or local Florida Department of Transportation Office and ask for Driveway Permits.

Please print or type

APPLICANT:

Check one:

(●) Owner ( ) Lessee ( ) Contract to Purchase

Name: Giebeig Property Management, Inc (Pete Giebeig Jr)

Responsible Officer or Person: Same As Above

If the Applicant is a Company or Organization, Name: N/A

Address: 126 South Tarragon Glen

City, State: Lake City, Florida

Zip: 32024 Phone: 386-719-4290 Fax:

Email:

LAND OWNER: (if not applicant)

Name: Same As Above

If the Applicant is a Company or Organization, Name:

Address:

City, State:

Zip: Phone: Fax:

Email:

AUTHORIZED REPRESENTATIVE: If specified by Applicant to handle, represent, sign, and file the application -
NOTE: A notarized letter of authorization must be provided with the Application

Name: WILLIAM H. FREEMAN, P.E.

Company Name: FREEMON DESIGN GROUP

Address: 161 NW MADISON STREET, SUITE NO. 102

City, State: LAKE CITY, FLORIDA

Zip: 32055 Phone: 386-758-4209 Fax:

Email: BILL@FREEMANDESIGN.NET

Address of property to be served by permit (if known):
US 90 WEST, NORTH SIDE

If address is not known, provide distance from nearest intersecting public street (such as, 500 feet south of Main St.)

C/L OF PROPOSED NEW ACCESS CONNECTION IS APPROX. 1156 FEET EAST OF C/L OF E. BROWN ROAD

Check here if you are requesting a

(●) new driveway ( ) temporary driveway ( ) modification to existing driveway ( ) safety upgrade

Does the property owner own or have any interests in any adjacent property?

(●) No ( ) Yes, if yes - please describe:

Are there other existing or dedicated public streets, roads, highways or access easements bordering or within the property?

(●) No ( ) Yes, if yes - list them on your plans and indicate the proposed and existing access points.

Local Government Development Review or Approval Information:

Local Government Contact: COLUMBIA CO. BUILDING OFFICE

Name: JOHN KERCE, DIRECTOR

Government Agency: SAME AS ABOVE

Phone #: 758-1008

If you are requesting commercial or industrial access, please indicate the types and number of businesses and provide the floor area square footage of each. Use additional sheets if necessary.

Business (Name and Type)	Square Footage	Business (Name and Type)	Square Footage
1. DR. GEIBIEG MEDICAL OFFICE BLD.	6,510 SQ. FT	3. N/A	N/A
2. FUTURE NEW OFFICE BUILDING	3,000 SQ. FT	4. N/A	N/A

If you are requesting a residential development access, what is the type (single family, apartment, townhouse) and number of units?

Type	Number of Units
N/A	N/A
N/A	N/A

Provide an estimate of the daily traffic volume anticipated for the entire property at build out. (An individual single family home, duplex, or quad-plex is not required to complete this section).

Daily Traffic Estimate = 600 OR LESS (Use the latest Institute of Transportation Engineers (ITE) Trip Generation Report)

If you used the ITE Trip Generation Report, provide the land use code, independent variable, and reference page number.

ITE Land Use Code	Independent Variable	ITE Report page number reference

Check with the Florida DOT Office where you will return this form to determine which of the following documents are required to complete the review of your application.

Plans should be 11" x 17" (scale 1" x 50')
Note: No plans larger than 24" x 36" will be accepted

a) Highway and driveway plan profile
b) Drainage plan showing impact to the highway right-of-way
c) Map and letters detailing utility locations before and after Development in and along the right of way
d) Subdivision, zoning, or development plans
e) Property map indicating other access, bordering roads and streets
f) Proposed access design
g) Parcel and ownership maps including easements (Boundary Survey)
h) Signing and striping plans
i) Traffic Control/Maintenance of Traffic plan
j) Proof of liability insurance
k) Traffic Impact Study
l) Cross section of roadway every 100' if exclusive turn lanes are required

Important Notices to Applicant Before Signing Application

The Department Reserves The Right To Change Traffic Features And Devices In Right Of Way At Any Time
Proposed traffic control features and devices in the right of way, such as median openings and other traffic control devices, are not part of the connection(s) to be authorized by a connection permit. The Department reserves the right to change these features and devices in the future in order to promote safety in the right of way or efficient traffic operations on the highway. Expenditure by the applicant of monies for installation or maintenance of such features or devices shall not create any interest in the maintenance of such features or devices.

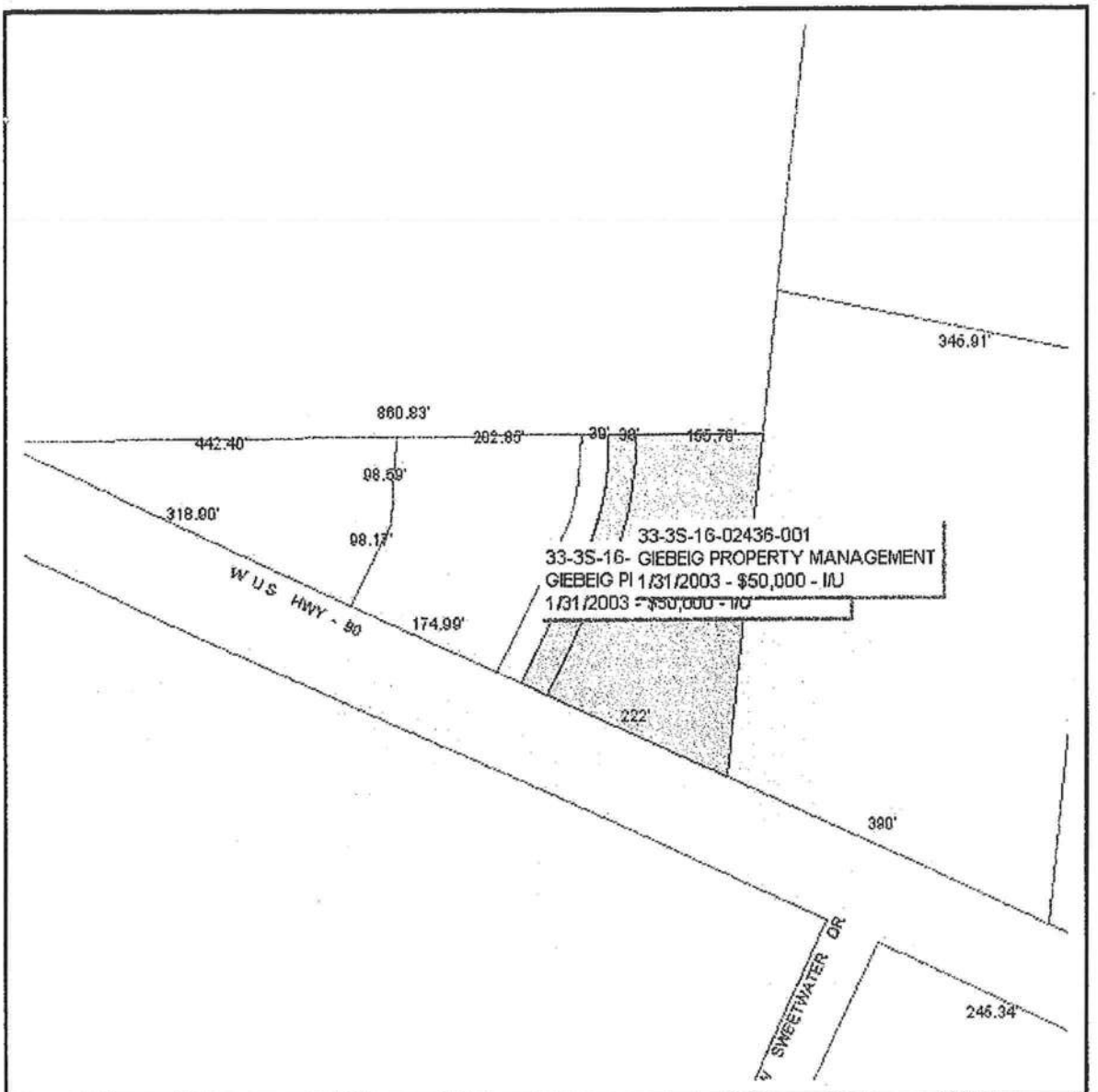
Significant Changes In Property Use Must Undergo Further Review
If an access permit is issued to you it will state the terms and conditions for its use. Significant changes in the use as defined in Section 335.182(3), Florida Statutes, of the permitted access not consistent with the terms and conditions listed on the permit may be considered a violation of the permit.

All Information I Give Is Accurate
I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief, such information is true, complete and accurate.

Starting Work On The Driveway Connection After I Get My Permit Means I Accept All the Conditions In My Permit
I will not begin work on the connection until I receive my Permit and I understand all the conditions of the Permit. When I begin work on the connection, I am accepting all conditions listed in my Permit.

Applicant Name (Printed): PETER GIEBIEG, JR., MD

Applicant's signature: Peter Giebieg, Jr. MD Date 7/8/04



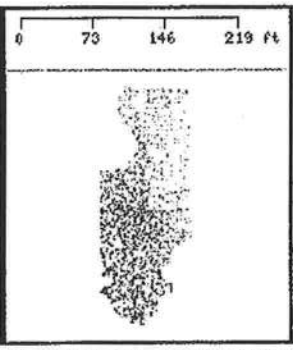
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 33-3S-16-02436-001 - VACANT COM (001000)

BEG NE COR OF SW1/4 OF NE1/4, RUN W 185.79 FT, S 24.21 FT TO PT OF A CURVE, S 26 DEG W 150

Name:	GIEBEIG PROPERTY MANAGEMENT	LandVal	$150,747.00
Site:	- - -	BldgVal	$0.00
Mail:	P O BX 159	ApprVal	$150,747.00
	LAKE CITY, FL 32056	JustVal	$150,747.00
Sales Info	1/31/2003 $50,000.00 I / U	Assd	$150,747.00
	6/3/2002 $375,000.00 I / Q	Exmpt	$0.00
	6/22/1987 $25,000.00 I / U	Taxable	$150,747.00



Home
Property Search
Agriculture Classification
Amendment 10
Exemptions
Tangible Property Tax
Tax Rates
Report & Map Pricing
Important Dates
Office Directory
E-mail us Comments

Parcel ID: 33-3S-16-02436-001

Columbia County Property Appraiser

Show: Tax Info | GIS Map | Property Card

Owner & Property Info

Owner's Name	GIEBEIG PROPERTY MANAGEMENT
Site Address	- - -
Mailing Address	P O BX 159 LAKE CITY, FL 32056
Brief Legal	BEG NE COR OF SW1/4 OF NE1/4, RUN W 185.79 FT, S 24.21 FT TO PT OF A CURVE, S 26 DEG W 150

Use Desc. (code)	VACANT COM (001000)
Neighborhood	33316.00
Tax District	2
UD Codes	
Market Area	01
Total Land Area	1.560 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$150,747.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$150,747.00

Just Value	$150,747.00
Class Value	$0.00
Assessed Value	$150,747.00
Exempt Value	$0.00
Total Taxable Value	$150,747.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
1/31/2003	984/2654	WD	I	U	06	$50,000.00
6/3/2002	955/425	WD	I	Q	99	$375,000.00
6/22/1987	641/599	WD	I	U		$25,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
001000	VACANT COM (MKT)	67953.600 SF - (1.560AC)	1.00/1.00/1.00/1.10	$2.20	$149,497.00
009946	WELL (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$1,250.00	$1,250.00

Columbia County Property Appraiser

DB Last Updated: 06/21/2004

1 of 1

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

OVERNIGHT ADDRESS
LAKE CITY MAINTENANCE
710 NW LK. JEFFERY RD.
LAKE CITY, FL. 32055-2621

STEPHNIE KOPELOUSOS
SECRETARY

FDOT Lake City Maintenance
Permits Department
Post Office Box 1415
Lake City, Fl. 32056-1415

Date: 2-16-2009

RE: Access at US 90 West / Dollar General Store

Permute: Mr. Kerce
Permit No: 2004-A-292-0020 / Joint Use Driveway
State Highway No: 10/ Permit Category:
State Section No: 29010
Columbia County, FL.

Mr. Kerce

This letter is to inform you of a proposed new Dollar General Store located on US 90 West beside Dr. Pete Giebeig Office. The driveway for Dr. Giebeig office is a joint use drive, which will serve both Dr. Giebeig office and the proposed new Dollar General Store. FDOT permits department would ask that Columbia County Building Dept. hold this project until review has been made as to if new roadway improvements will be required. Once determine if improvements are warranted or not you will be notified of same. FDOT permits have spoken to Mr. Brain Crawford the land owner pertaining to this matter. Please feel free to call (386) 961-7146 if you have any questions.

Sincerely,

Dale L. Cray
Permits Inspector,
Lake City, Fl. FDOT Permits Dept.

O.C.

Florida Department of Transportation

JEB BUSH
GOVERNOR

JOSE ABREU
SECRETARY

Brian,

386-623-1154

FDOT
Lake City Maintenance
Permits Department
Post Office Box 1415
Lake City, Fl. 32056-1415

Date: 9-15-04

Freeman Design Group, Inc.
Mr. William H. Freeman, P.E.
161 NW Madison Street
Lake City, Fl. 32055

RE: Approved FDOT Access Permit, Joint Use, (Shared Access)

Permit No. 04-A-292-0020
Permittee: Peter W. Giebeig, Jr. for Giebeig Property Management, Inc.
State Hwy: 10 (W), (U. S. Hwy. 90)
State Road Section No. 29010
Approximate Mile Post: 5.067 + -
County: Columbia

Mr. Williams:

This will acknowledge your request on behalf of your client, Mr. Peter W. Giebeig, Jr. for Giebeig Property Management, Inc., in making proposed **Joint Use** (Shared Access) Access and Roadway Improvements to State Highway No. 10. Your client is hereby granted permission by State Access permit to make the following improvements and/or modifications to SR-10 at or about Mile Post 5.067 + -.

Access Connection Details

Proposed for construction is a single twenty-four foot (Double 12' wide lanes) wide asphalt paved commercial access. The new driveway shall require a total of eighty-five LF (85' X 18" CMP w/ MES) of eighteen inch diameter (18") sidedrain CMP with two mitered ends attached. The proposed new sidedrain CMP shall be placed a minimum of 4 inches below the existing flow line grade of the ditchline before earth fill is placed down. Once completed, an FDOT approved earth fill material shall be used to cover the main sections of the new driveway. All earth fill shall be compacted along each side of the new sidedrain pipe by mechanical method and shall be stabilized with a final twelve inch subgrade. Once the earth fill and the stabilized subgrade is constructed to specifications, an eight (8") inch compacted lime rock base course shall be constructed with three tests made showing proof of passing 98% density. The new connection shall be built out as a twenty-four foot wide asphalt connection with double thirty-five (35') turning radii. Five foot wide asphalt paved shoulders shall be constructed on both of the 35 foot wide turnout radii throughout the full turn movements.

Permitted 150 Ft. Asphalt Paved Taper with 5 foot Asphalt Paved Shoulders
In addition to the above driveways specifications the new connection shall require a minimum one-hundred and fifty LF (150') of asphalt paved deceleration taper with five (5') foot wide paved shoulders carried to the R/W Line. A minimum of eight inches of compacted lime rock base with a minimum of two (2" inches) of an approved asphalt course material shall be required for the paved taper and shoulder areas and shall rap around to the property line and taper to zero. Two five feet (5' +) wide or greater sloped earth shoulders, stabilized with a complete coverage of Certified Coastal Bermuda grass sod shall be required. The asphalt paved driving surface shall be constructed with a minimum of two (2") inches of an FDOT approved asphalt course. A minimum of eighty-five (85') L.F. of C.M.P. with two (2) 1:4 sloped Mitered End Sections constructed with concrete pads poured around each shall also be required. **Note: the proposed new sidedrain pipe shall be placed a minimum of 4 to 6 inches below existing ditch flow grade for future maintenance. The two required M.E.S.'s are included in the total L.F. mentioned above.**

MECHANICAL OFF-SET CUT: If there is an existing paved shoulder at the location of the proposed new connection then a 6 inch to 1-foot wide mechanical saw-cut off-set ("BUTT JOINT") shall be required to be made into the existing paved shoulder for a smooth joint match point. This permit requirement may not appear on the approved plans; however it is a required permit provision no less.

Testing
The lime rock base course(s) shall be compacted to a passing maximum density of 98%, with three (3) density tests made for each lift course. Proof of passing density shall be forwarded to the local FDOT Permits Inspector a minimum of 48 hours in advance of any planned paving commencement. The Permittee, his/her General Contractor shall contact the FDOT Permits Office for directions as to the of the tests sites. No paving can be started without proof of passing density tests.

Pavement Striping and Signage Requirements
Per the approved permit and site plan the completed asphalt surface course shall have a "Lead Free", White Thermoplastic STOP BAR as well as a minimum of fifty L.F. (50') of Yellow, double six (6") wide, Thermoplastic Lane Separation Striping all per FDOT Index No. 17346. All new Thermoplastic Striping shall conform to the State FDOT Indexes 17302, 17346 and /or 11860. **All thermoplastic marking materials shall be "Certified Lead Free" Materials.** A single Series 600, R1-1 aboveground STOP SIGN shall be required to be constructed per FDOT Index requirements all aboveground signs proposed to be constructed upon FDOT Right-of way shall be constructed per approved site plan and per FDOT Index No. 17302, Sheet 1 of 1. All metal posts on FDOT shall be aluminum two inch or greater in diameter and set at a minimum height of 7 feet from EOP grade with brackets per FDOT Index No. 11860. **Z-Bar Brackets are required on all single posted aboveground FDOT signs. Note: All aboveground signs shall be in place and have had passing FDOT inspections before paving can commence.**

Notice: A 20-Day asphalt Cure-out period shall be required of the newly constructed asphalt surface course, before any thermoplastic markings may be placed down. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final inspection with a passing grade inspection being received, with evidence of same to the Permittee.

Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration
All areas of the ditch line its slopes; radii and other areas that fall within the limits of the permitted access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable.

Grass Sod Requirement Details
All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. **Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit. Failure to complete this provision can be reason for temporary suspension of this permit.**

Notice of Minimum FDOT Specifications
All construction shall be to the most current F.D.O.T. Roadway and Traffic Design Standards and F.D.O.T. Standard Specifications for Road and Bridge Construction. All construction shall be per approved permit, cover letter, special provisions, and signed and sealed site plans and shall conform to all current F.D.O.T. Specifications and Inspections. No work can commence on F.D.O.T. right- of- way before the approved Maintenance of Traffic Plan is in place. The FDOT Permits Staff shall have final say as to any conflicts of interest that may occur, before, during or after the construction phase. An approved Maintenance of Traffic Plan must be in place and working correctly before any work may proceed.

Notice of Final Approved Plans Interpretation
The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plan and construction concepts and method details that could affect the FDOT Right-of-Way Property.

Notice of Pre-Construction Meeting (Mandatory)
The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit. It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **THIS IS A MANDATORY PERMIT PROVISION!!**

Save Harmless Clause
Please refer to the approved permit, site plan drawings and if attached addendum and/or Survey Plat for Access type, location and construction details. Refer to the approved connection permit for additional **General and Special Provisions** that could alter construction design plans as shown on the attached site plan sheet. A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications and Safety Criteria.

This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Also, please request your Engineer or Representative to contact our Permits Coordinator, Neil E. Miles, at 710 NW, Suite No. 101 Lake Jeffery Road, Lake City, Florida, 32055-2621, Phone Number (904) 961-7193 or if no answer call 961-7180, a minimum of **48** hours prior to your planned commencement date. **Legal 2 way verbal contact is required.**

Sincerely,

Neil E. Miles
Access Permits Coordinator
FDOT at Lake City Maintenance

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 04-A-292-0020

Permit Category: B Access Classification: 4

Project: PROP.24'FT. WIDE PAVED CONECTION WITH 50/35' TURNOUT RADII, TWO BLD' S (TOTAL 9510 SQ. FT.

Permittee: GIEBEIG PROPERTY MANAGEMENT, INC. / PETER W. GIEBEIG JR.

Section/Mile Post: 29010 / MP: 5.067 State Road: 10 (W)

Section/Mile Post: N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: GIEBEIG PROPERTY MANAGEMENT, INC FOR PETER W. GIEBEIG JR.

Permittee Mailing Address: 126 SOUTH TARRAGON GLEN

City, State, Zip: LAKE CITY,FL 32024

Telephone: (386) 719-4290

Engineer/Consultant/or Project Manager: FREEMAN DESIGN GROUP

Engineer responsible for construction inspection: WILLIAM H. FREEMAN, P.E. (NAME) 56001 (P.E. #)

Mailing Address: 161 NW MADISON STREET, SUITE NO. 102

City, State, Zip: LAKE CITY, FLORIDA 32055

Telephone: (386) 758-4209 FAX, Mobile Phone, etc. BILL@FREEMANDESIGN.NET

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 04-A-292-0020

Department of Transportation

Signature: Title: ACCESS PERMITS COORDINATOR

Department Representative's Printed Name NEIL E. MILES

Temporary Permit ○ YES ○ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ◉ YES ○ NO

Date of Issuance:

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.

   Phone: (386) 961-7180 , Attention: NEIL E. MILES, PERMITS CONTACT

2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.

3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.

4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.

5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.

6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.

7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.

8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.

9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.

10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.

11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.

12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.

13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility,except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.

14. The Permittee shall be responsible for determining and notify all other users of the right of way.

15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: ◉ YES ○ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.

2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:
GENERAL DRIVEWAY ACCESS CONNECTION DESCRITION:
** AS PERMITTED THE PERMITTEE SHALL CONSTRUCT A 24' FOOT DRIVEWAY WITH DOUBLE 35'FOOT TURN RADII, ALSO 150' FOOT DECELL - TAPPER. SEE ATTACHED SITE PLAN FOR ADDITONAL DETIALS:

PART 6: APPEAL PROCEDURES

You may request an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. If you disagree with the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may request a formal administrative hearing pursuant to Section 120.57(1), Florida Statutes. If you agree with the facts stated in the Notice, you may request an informal administrative hearing pursuant to Section 120.57(2), Florida Statutes. You must send the written request to:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The written request for an administrative hearing must conform to the requirements of either Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and must be received by the Clerk of Agency Proceedings by 5:00 P.M., no later than 21 days after you received the Notice. The written request for an administrative hearing should include a copy of the Notice, and must be legible, on 8 ½ by 11 inch white paper, and contain:

1. Your name, address, telephone number, and Department identifying number on the Notice, if known, and name, address, and telephone number of your representative, if any;
2. An explanation of how you are affected by the action described in the Notice.
3. A statement of how and when you received the Notice.
4. A statement of all disputed issues of material fact. If there are none, you must so indicate.
5. A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle you to relief; and
6. A demand for relief.

A formal hearing will be held if there are disputed issued of material fact. If a formal hearing is held, this matter will be referred to the Division of Administrative Hearings, where you may present witnesses and evidence and cross examine other witnesses before an administrative law judge. If there are no disputed issues of material fact, an informal hearing will be held, in which case you will have the right to provide the Department with any written documentation or legal arguments which you wish the Department to consider.

Mediation, pursuant to Section 120.573, Florida Statutes, will be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

If a written request for an administrative hearing is not timely received you will have waived your right to have the intended action reviewed pursuant to Chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

FLORIDA DEPARTMENT OF TRANSPORTATION

JEB BUSH
GOVERNOR

JOSE ABREU,
SECRETARY

PERMITTEE: DR. Pete Geibieg JR. / Permit No: 04-A-292-0020

State Rd: 10 / Section: 29010 /MP; 5.067+ -/ PERMIT CAT: B

D/W Description: Prop. 24'wide paved connection with50/35'turnout radii, Two Bld,s (total 9510 Sq. Ft,).

Asst. Maintenance Engineer or Permits Coordinator Approval

NEIL E. MILES, PERMITS ENGINEER

THE FOLLOWING ARE ADDITIONAL SPECIAL PERMIT PROVISIONS THAT ARE A LEGAL PART OF THIS PERMIT & DO APPLY TO THE ABOVE REFERENCED PERMIT, IF SO MARKED MUST BE COMPLYED WITH IN ADDITIONAL TO THE GENERAL PROVISIONS.

1. XXX All portions of the FDOT right-of-way disturbed during construction under this permit shall be mulched seeded and /or 2 feet of grass sod placed adjacent to the driving lane, or as called for under the approved permit & per FDOT specifications.
2. XXX Permittee shall restore wildflowers disturbed during permitted construction with new seed to be (amount and & method) determined by Mr. Dick Bush, District Landscaping Engineer. Seed shall be delivered to Lake City Maintenance, Permits Office before commencement of permitted placement.
3. XXX The Permittee will contact the appropriate city, county, state government agency; a minimum of forty-eight (48) hours in advance of starting excavation within the area of any signalized intersection.
4. XXX The Permittee can be required to physically relocate (move), as so indicated under this permit at a future date, due to proposed future or on-going FDOT roadway construction planned within the limits of the permitted area.
5. XXX Existing utilities may be located within the construction area. Prior to permit approval, permittee shall locate and notify all utilities within the proposed limits of construction and or permitted area and obtain detailed information from the utility owners as to possible conflicts between utilities and permit tee's work. Permittee shall be responsible for pre & post permit coordination, and all adjustments and shall be solely responsible for resolving any conflicts of utilities, either before or during or after the final permitting. The Permittee shall be solely responsible for any and all damages to existing utilities and/or damage to third parties caused by interference with or damage to existing utilities. The Permittee shall show positive proof that all utility owners with existing interest in the area permitted, have been previously contacted in advance of final permit approval.
6. XXX No business is to be done on FDOT right-of-ways, if vehicles are to be serviced on roadside with pumps, Pump islands must be located at least twelve (12) feet from right-of-way line.
7. XXX Driveway permits are granted to permit access to abutting property only. Parking on right-of-way may be restricted or prohibited.
8. XXX The erection of signs on or overhanging the right-of-way of state roads is not permitted. The connection of any type of subsurface drainage to FDOT storm drains or ditches is prohibited unless by permit or as shown in the general or special provisions of the referenced permit.
9. XXX All Construction and/or Maintenance on the Department's right-of-way shall conform to Federal Manual on Uniform Traffic Control Devices (MUTCD), the Department's most current manual of the Roadway and Traffic Design Standards Specifications for Road and Bridge Construction.
10. XXX Pre and Final Inspections are required by FDOT Permits Office and the assigned inspector.
11. XXX A pre-construction review of the construction planned under the permit shall be mandatory. The Permit tee shall make contact with the Lake City, Permits Office at (904) 961-7180 or 961-7193, a minimum of 48 hours in advance of the Permit tee's planned start date so as to arrange a mutually time to meet. Failure by the Permit tee to meet this requirement can be reason for revocation of the approved permit.
12. XXX If proposed permitted work limits are within a State Roadway Construction Area that is proposed or underway then the permit tee shall schedule commencement date and all planned work under this permit with the State FDOT's contract representative in charge of on-site project operational responsibilities.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

OFFICE USE ONLY

Application Number: 04-292-0020 Received By: NEIL E. MILES (FDOT STAFF (TYPE OR PRINT))

Category: B (MINOR COMM) Date: 7-02-04

Section/Mile Post: 29010 / MP. 5.067+- State Road: 10 10, (US 90 W)

Section/Mile Post: N/A State Road: N/A

Instructions - To Applicant

- Contact the Department of Transportation to determine what plans and other documents you are required to submit with your application.
- Complete this form (some questions may not apply to you) and attach all necessary documents and submit it to the Department of Transportation.
- For help with this form contact your local Maintenance or District Office.
  - Or visit our website at http://www11.myflorida.com/onestoppermitting/ for the contact person and phone number in your area.
  - You may also email - driveways@dot.state.fl.us
  - Or call your District or local Florida Department of Transportation Office and ask for Driveway Permits.

Please print or type

APPLICANT:

Check one:

(●) Owner ( ) Lessee ( ) Contract to Purchase

Name: Giebeig Property Management, Inc (Pete Giebeig Jr)

Responsible Officer or Person: Same As Above

If the Applicant is a Company or Organization, Name: N/A

Address: 126 South Tarragon Glen

City, State: Lake City, Florida

Zip: 32024 Phone: 386-719-4290 Fax:

Email:

LAND OWNER: (if not applicant)

Name: Same As Above

If the Applicant is a Company or Organization, Name:

Address:

City, State:

Zip: Phone: Fax:

Email:

AUTHORIZED REPRESENTATIVE: If specified by Applicant to handle, represent, sign, and file the application -
NOTE: A notarized letter of authorization must be provided with the Application

Name: WILLIAM H. FREEMAN, P.E.

Company Name: FREEMON DESIGN GROUP

Address: 161 NW MADISON STREET, SUITE NO. 102

City, State: LAKE CITY, FLORIDA

Zip: 32055 Phone: 386-758-4209 Fax:

Email: BILL@FREEMANDESIGN.NET

Address of property to be served by permit (if known):
US 90 WEST, NORTH SIDE

If address is not known, provide distance from nearest intersecting public street (such as, 500 feet south of Main St.)

C/L OF PROPOSED NEW ACCESS CONNECTION IS APPROX. 1156 FEET EAST OF C/L OF E. BROWN ROAD

Check here if you are requesting a

(●) new driveway ( ) temporary driveway ( ) modification to existing driveway ( ) safety upgrade

Does the property owner own or have any interests in any adjacent property?

(●) No ( ) Yes, if yes - please describe:

Are there other existing or dedicated public streets, roads, highways or access easements bordering or within the property?

(●) No ( ) Yes, if yes - list them on your plans and indicate the proposed and existing access points.

Local Government Development Review or Approval Information:

Local Government Contact: COLUMBIA CO. BUILDING OFFICE

Name: JOHN KERCE, DIRECTOR

Government Agency: SAME AS ABOVE

Phone #: 758-1008

If you are requesting commercial or industrial access, please indicate the types and number of businesses and provide the floor area square footage of each. Use additional sheets if necessary.

Business (Name and Type)	Square Footage	Business (Name and Type)	Square Footage
1. DR. GEIBIEG MEDICAL OFFICE BLD.	6,510 SQ. FT	3. N/A	N/A
2. FUTURE NEW OFFICE BUILDING	3,000 SQ. FT	4. N/A	N/A

If you are requesting a residential development access, what is the type (single family, apartment, townhouse) and number of units?

Type	Number of Units
N/A	N/A
N/A	N/A

Provide an estimate of the daily traffic volume anticipated for the entire property at build out. (An individual single family home, duplex, or quad-plex is not required to complete this section).

Daily Traffic Estimate = 600 OR LESS (Use the latest Institute of Transportation Engineers (ITE) Trip Generation Report)

If you used the ITE Trip Generation Report, provide the land use code, independent variable, and reference page number.

ITE Land Use Code	Independent Variable	ITE Report page number reference

Check with the Florida DOT Office where you will return this form to determine which of the following documents are required to complete the review of your application.

Plans should be 11" x 17" (scale 1" x 50')
Note: No plans larger than 24" x 36" will be accepted

a) Highway and driveway plan profile
b) Drainage plan showing impact to the highway right-of-way
c) Map and letters detailing utility locations before and after Development in and along the right of way
d) Subdivision, zoning, or development plans
e) Property map indicating other access, bordering roads and streets
f) Proposed access design
g) Parcel and ownership maps including easements (Boundary Survey)
h) Signing and striping plans
i) Traffic Control/Maintenance of Traffic plan
j) Proof of liability insurance
k) Traffic Impact Study
l) Cross section of roadway every 100' if exclusive turn lanes are required

Important Notices to Applicant Before Signing Application

The Department Reserves The Right To Change Traffic Features And Devices In Right Of Way At Any Time
Proposed traffic control features and devices in the right of way, such as median openings and other traffic control devices, are not part of the connection(s) to be authorized by a connection permit. The Department reserves the right to change these features and devices in the future in order to promote safety in the right of way or efficient traffic operations on the highway. Expenditure by the applicant of monies for installation or maintenance of such features or devices shall not create any interest in the maintenance of such features or devices.

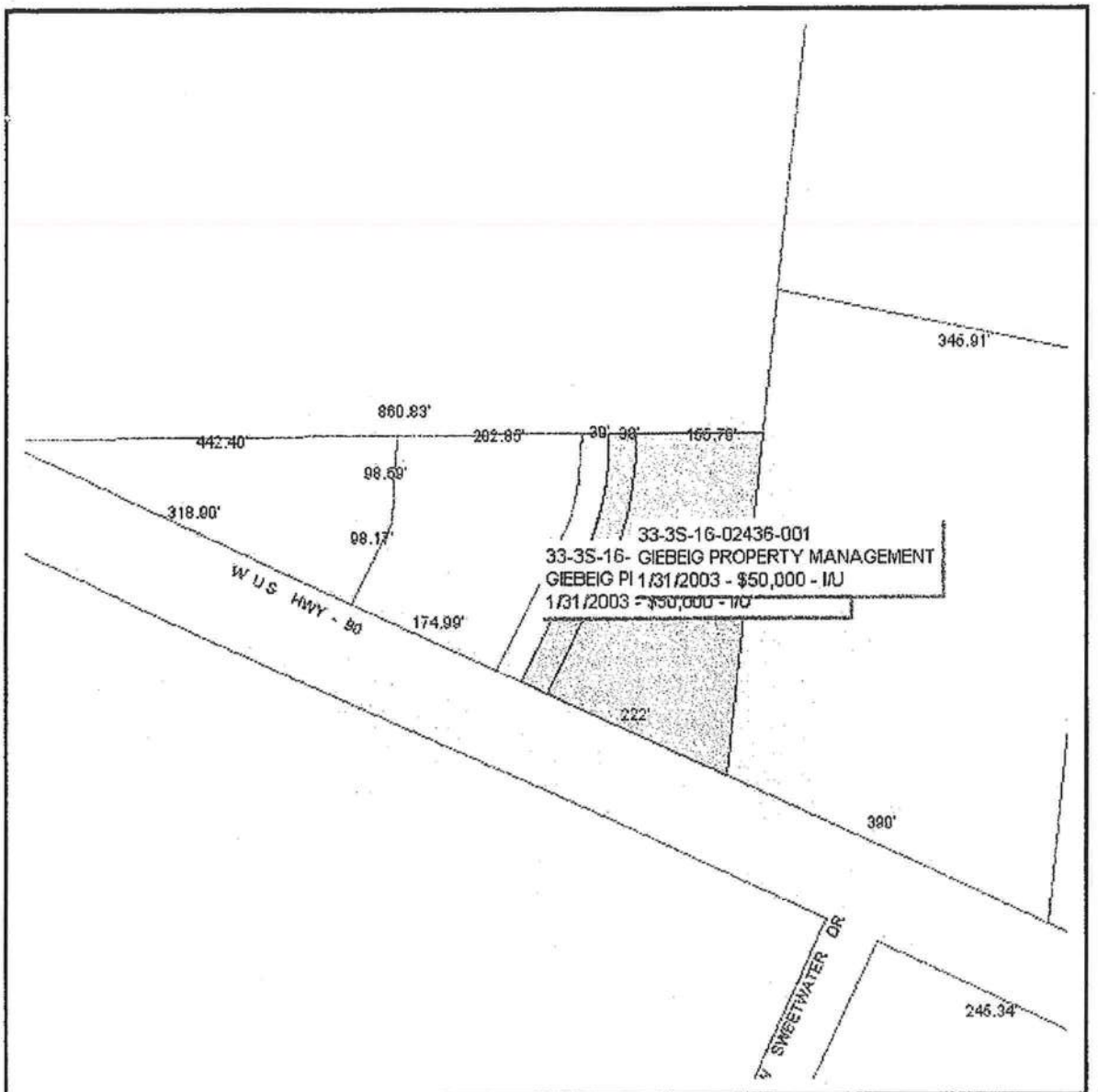
Significant Changes In Property Use Must Undergo Further Review
If an access permit is issued to you it will state the terms and conditions for its use. Significant changes in the use as defined in Section 335.182(3), Florida Statutes, of the permitted access not consistent with the terms and conditions listed on the permit may be considered a violation of the permit.

All Information I Give Is Accurate
I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief, such information is true, complete and accurate.

Starting Work On The Driveway Connection After I Get My Permit Means I Accept All the Conditions In My Permit
I will not begin work on the connection until I receive my Permit and I understand all the conditions of the Permit. When I begin work on the connection, I am accepting all conditions listed in my Permit.

Applicant Name (Printed): PETER GIEBIEG, JR., MD

Applicant's signature: Peter Giebieg, Jr MD Date 7/8/04



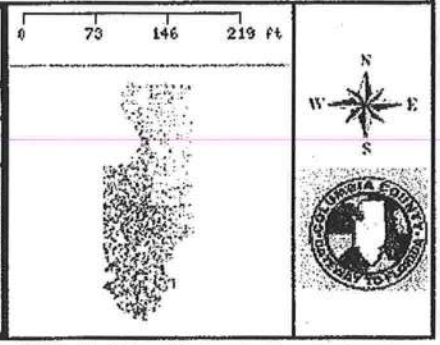
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 33-3S-16-02436-001 - VACANT COM (001000)

BEG NE COR OF SW1/4 OF NE1/4, RUN W 185.79 FT, S 24.21 FT TO PT OF A CURVE, S 26 DEG W 150

Name:	GIEBEIG PROPERTY MANAGEMENT	LandVal	$150,747.00
Site:	- - -	BldgVal	$0.00
Mail:	P O BX 159	ApprVal	$150,747.00
	LAKE CITY, FL 32056	JustVal	$150,747.00
Sales Info	1/31/2003 $50,000.00 I / U	Assd	$150,747.00
	6/3/2002 $375,000.00 I / Q	Exmpt	$0.00
	6/22/1987 $25,000.00 I / U	Taxable	$150,747.00



This information, GIS Map Updated: 06/21/2004, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Home
Property Search
Agriculture Classification
Amendment 10
Exemptions
Tangible Property Tax
Tax Rates
Report & Map Pricing
Important Dates
Office Directory
E-mail us Comments

Parcel ID: 33-3S-16-02436-001

Columbia County Property Appraiser

Show: Tax Info | GIS Map | Property Card

Owner & Property Info

Owner's Name	GIEBEIG PROPERTY MANAGEMENT
Site Address	- - -
Mailing Address	P O BX 159 LAKE CITY, FL 32056
Brief Legal	BEG NE COR OF SW1/4 OF NE1/4, RUN W 185.79 FT, S 24.21 FT TO PT OF A CURVE, S 26 DEG W 150

Use Desc. (code)	VACANT COM (001000)
Neighborhood	33316.00
Tax District	2
UD Codes	
Market Area	01
Total Land Area	1.560 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	$150,747.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$150,747.00

Just Value	$150,747.00
Class Value	$0.00
Assessed Value	$150,747.00
Exempt Value	$0.00
Total Taxable Value	$150,747.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
1/31/2003	984/2654	WD	I	U	06	$50,000.00
6/3/2002	955/425	WD	I	Q	99	$375,000.00
6/22/1987	641/599	WD	I	U		$25,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
001000	VACANT COM (MKT)	67953.600 SF - (1.560AC)	1.00/1.00/1.00/1.10	$2.20	$149,497.00
009946	WELL (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	$1,250.00	$1,250.00

Columbia County Property Appraiser

DB Last Updated: 06/21/2004

1 of 1

Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

Property Management/Division of Right of Way
1109 South Marion Avenue/Mail Station 2020
Lake City, Florida 32025-5874
386-961-7478 FAX 386-961-7527
(yvonne.macdonald@dot.state.fl.us)

STEPHANIE C. KOPELOUSOS
SECRETARY

November 19, 2008

Mr. Brian Crawford
Concept Construction
295 NW Commons Loop, Suite 115-391
Lake City, Florida 32055

RE: FDOT ACQUISITION OF PROPERTY ALONG US90 WEST OF I-75

Item	:2083732
Section	:29010
FAP	:NA
County	:Columbia
State Road	:10 (US90)

Dear Mr. Crawford:

As you know, the Florida Department of Transportation (FDOT) has an expansion project along SR10/US90 from west of I-75 to Brown Road. We have been actively acquiring property for the project for several years. Current project plans show no further acquisition will be required along the north side of SR10 in the vicinity of Dr. Peter Geibeig's medical office.

This does not mean that FDOT will never require additional property in the area for this transportation corridor nor does it preclude additional acquisition if need can be demonstrated at some future date.

Please call or e-mail if you have any questions or concerns.

Sincerely,

Yvonne MacDonald

Yvonne MacDonald
Deputy District Right of Way Manager, Operations
District Two

SAP/jbr
5104.33.01-325
September 28, 2005

This Instrument Prepared By
S. Austin Peele
DARBY, PEELE, BOWDOIN & PAYNE
Attorneys at Law
Post Office Drawer 1707
Lake City, Florida 32056

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1061 P:2309

RECIPROCAL EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT made this 11th day of October, 2005, by and between **GIEBEIG PROPERTY MANAGEMENT, INC.**, a Florida corporation, whose mailing address is 5085 West U. S. Highway 90, Lake City, Florida 32055, ("Giebeig") and **DANIEL CRAPPS**, whose mailing address is 2806 West U. S. Highway 90, Suite 101, Lake City, Florida 32055 ("Crapps"),

WITNESSETH:

WHEREAS, the parties are owners of property in Section 33, Township 3 South, Range 16 East, Columbia County, Florida, which adjoin and are adjacent to each other, with Giebeig owning the property described on Exhibit "A" attached hereto (the "Giebeig property") and Crapps owning the property described on Exhibit "B" attached hereto (the "Crapps property"); and

WHEREAS, the parties desire to establish for their mutual benefit and for the benefit of their respective heirs, successors, and assigns, a joint and reciprocal easement for ingress, egress, and utilities, over and across a parcel of land, a portion of which is located on the Giebeig property and a portion of which is located on the Crapps property, as more particularly, hereafter described (the "easement area") and it is the intention of the parties that such easement shall be for their joint, mutual, and non-exclusive use, and for the benefit of their respective properties as herein described.

NOW, THEREFORE, in consideration of the premises, as well as other good and valuable considerations, the receipt and sufficiency of which is acknowledged, the parties agree, that there shall be and is hereby created an easement for ingress, egress and utilities over and across the easement area (located in Columbia County, Florida) as more particularly described on Exhibit "C" attached hereto and incorporated herein by reference, for the mutual, non-exclusive, benefit use and enjoyment of the parties hereto, their respective heirs, successors and assigns in perpetuity.

TO HAVE AND TO HOLD the same unto the parties, their respective heirs, successors and assigns, as well as their business visitors and invitees, subject to the non-exclusive use thereof by each of the parties and their respective heirs, successors, assigns, invitees and business visitors, all for the purpose of ingress, egress and utilities.

The parties further agree as follows:

1. Each of the parties shall be responsible for payment of one-half (½) of the cost of construction and paving of a drive extending from the south boundary of the easement area northerly to its termination at or near the northerly terminus of the easement area. Such drive shall be constructed in accordance with applicable building, zoning, and land use regulations.

2. Each of the parties shall be responsible for paying their proportional share of the repair, maintenance, and upkeep of the drive and the easement area, provided, that each party shall be separately liable and responsible for any repairs or maintenance necessitated as a result of their separate negligence or willful misconduct.

3. Neither of the parties shall be liable to or responsible to the other for any loss, damage, or injuries sustained as a result of the use of the easement granted and created hereby, except as provided in paragraph 2 above. Each party shall and does hereby indemnify and agrees to hold the other harmless from any and all claims arising from such use by each of the respective parties, except as limited hereby.

4. The parties acknowledge that there are located within the easement area certain retention ponds, which are used for surface water management purposes. The parties shall be entitled to jointly use the retention ponds, provided such use by one party shall not interfere with use by the other party. Any such use shall be consistent with all permits issued by Suwannee River Water Management District with respect to the Giebeig property and the Crapps property, regarding the surface water management systems thereon..

5. Crapps will not use the easement area for the purpose of gaining access to any property located to the north of the Crapps property.

6. The terms, conditions and covenants hereof and the grant of this easement shall be considered a covenant running with the title to the lands of the respective parties described herein.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

Signed, sealed and delivered
in the presence of:

Hillary King
Witness

Hillary King
Print/type name

Witness

S. Austin Poole
Print/type name
Witnesses as to Giebeig

Witness

S. Austin Poole
Print/type name

Lisa Hicks
Witness

Lisa Hicks
Print/type name
Witnesses as to Crapps

GIEBEIG PROPERTY MANAGEMENT, INC.

By: Holly L. Giebeig
HOLLY L. GIEBEIG
President

(Corporate Seal)

DANIEL CRAPPS

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1061 P:2310

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12th day of October, 2005, by **HOLLY L. GIEBEIG**, as President of **GIEBEIG PROPERTY MANAGEMENT, INC.**, a Florida corporation, on behalf of said corporation, who is personally known to me, or who produced _____ as identification.

(Notary Seal)

PATRICIA D. WILDERS
MY COMMISSION EXPIRES
April 20, 2009
#DD414118
Bonded Thru
Troy Fain-Insurance 800-385-7019
NOTARY PUBLIC, STATE OF FLORIDA

Patricia D Wilders
Notary Public, State of Florida

PATRICIA D. WILDERS
(Print or type name)

My commission expires:

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12 day of October, 2005, by **DANIEL CRAPPS** who is personally known to me, or who produced _____ as identification.

(Notary Seal)

Vera Lisa Hicks
Notary Public, State of Florida

Vera Lisa Hicks
(Print or type name)

8-23-06
My commission expires:

Vera Lisa Hicks
My Commission DD131707
Expires August 23, 2006

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1061 P:2311

EXHIBIT "A"
TO
RECIPROCAL EASEMENT AGREEMENT
DATED
OCTOBER 11, 2005
BETWEEN GIEBEIG PROPERTY MANAGEMENT, INC. AND DANIEL CRAPPS

TOWNSHIP 3 SOUTH, RANGE 16 EAST

SECTION 33: A part of the Southwest 1/4 of the Northeast 1/4, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, lying North of the right-of-way of U. S. Highway No. 90, being more particularly described as follows: Begin at the Northeast corner of the Southwest 1/4 of the Northeast 1/4 of said Section 33, and run thence North 88° 23' 34" West, along the North line of the Southwest 1/4 of the Northeast 1/4 of said Section 33, 185.79 feet; thence South 01° 36' 26" West, 24.21 feet to a point on a curve of a curve to the right, having a radius of 270.00 feet, an included angle of 24° 53' 31", and a chord bearing and distance of South 14° 03' 13" West, 116.38 feet; thence South 26° 30' 00" West, 150.00 feet to a point on the Northerly right-of-way line of U. S. Highway No. 90; thence South 63° 30' 00" East, along said Northerly right of way line, 252.00 feet to a point on the East line of the Southwest 1/4 of the Northeast 1/4 of said Section 33; thence North 08° 25' 24" East, along said East line, 382.70 feet to the point of beginning.

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1061 P:2312

EXHIBIT "B"
TO
RECIPROCAL EASEMENT AGREEMENT
DATED
OCTOBER __//__, 2005
BETWEEN GIEBEIG PROPERTY MANAGEMENT, INC. AND DANIEL CRAPPS

TOWNSHIP 3 SOUTH RANGE 16 EAST

SECTION 33: A part of the Southwest 1/4 of the Northeast 1/4, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, lying North of the right-of-way of U. S. Highway No. 90, being more particularly described as follows: Commence at the Northeast corner of the Southwest 1/4 of the Northeast 1/4 of said Section 33, and run thence North 88° 23' 34" West, along the North line of the Southwest 1/4 of the Northeast 1/4 of said Section 33 185.79 feet; thence continue North 88° 23' 34" West, 232.85 feet; thence South 01° 36' 26" West, 98.59 feet; thence South 26° 30' 00" West 98.17 feet to a point on the Northerly right-of-way line of U. S. Highway No. 90; then South 63° 30' 00" East, along said Northerly right-of-way line 204.99 feet; thence North 26° 30' 00" East, 150.00 feet to a point on a curve of a curve to the left, having a radius of 270.00 feet, an included angle of 24° 53' 31", and a chord bearing of North 14° 03' 13" East, 116.38 feet; thence Northeasterly, along the arc of said curve, 117.30 feet; thence North 01° 36' 26" East, 24.21 feet to the Point of Beginning.

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
_____DC,P.DeWitt Cason,Columbia County B:1061 P:2313

EXHIBIT "C"
TO
RECIPROCAL EASEMENT AGREEMENT
DATED
OCTOBER 11, 2005
BETWEEN GIEBEIG PROPERTY MANAGEMENT, INC. AND DANIEL CRAPPS

An easement for ingress, egress and utilities lying 30 feet to the right and 30 feet to the left of the following described line:

TOWNSHIP 3 SOUTH RANGE 16 EAST

SECTION 33: Commence at the Northeast corner of the Southwest 1/4 of the Northeast 1/4 of Section 33, Township 3 South, Range 16 East, and run thence North 88° 23' 34" West , along the North line of the Southwest 1/4 of the Northeast 1/4 of Section 33, 185.79 feet to the Point of Beginning; thence South 01° 36' 26" West, 24.21 feet to a point of curve of a curve, concave to the West having a radius of 270.00 feet and an included angle of 24° 53' 31"; thence run Southerly along the arc of said curve an arc distance of 117.30 feet; thence South 26° 30' 00" West, 150.00 feet to a point on the Northerly right-of-way line of U. S. Highway 90 and to the point of termination of said line.

Inst:2005025590 Date:10/14/2005 Time:09:57
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1061 P:2314

5)

Rec. 27.00
Cert Copy 5.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 08-293

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teagle
Deputy Clerk
Date 2-05-09

Inst 200912001659 Date 2/3/2009 Time 4:30 PM
DC,P DeWitt Cason,Columbia County Page 1 of 3 B 1166 P 1545

CLERK CIRCUIT COURT
COLUMBIA COUNTY, FLORIDA

PERMIT NO._____ **TAX FOLIO NO.:** R02436-000

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

SEE EXHIBIT "A" ATTACHED HERETO
FOR LEGAL DESCRIPTION

2. General description of improvement: Construction of commercial building

3. Owner information:

a. Name and address: CRAWFORD DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, 295 Commons Loop, Suite 115-391, Lake City, Florida 32055.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: CRAWFORD DEVELOPMENT GROUP, LLC, 295 Commons Loop, Suite 115-391, Lake City, Florida 32055.

5. Surety

a. Name and address: None

6. Lender: PROSPERITY BANK, 100 South Park Blvd., Ste 303, St. Augustine, Florida 32086.

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates PROSPERITY BANK, 100 South Park Blvd, Ste 303, St. Augustine, Florida 32086, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

"WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT."

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE READ THE FOREGOING AND THAT THE FACTS STATED IN IT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CRAWFORD DEVELOPMENT GROUP, LLC

By: _____
Brian K. Crawford
Managing Member

The foregoing instrument was acknowledged before me this 30th day of January 2009, by BRIAN K. CRAWFORD, Managing Member of CRAWFORD DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, on behalf of the company. He is personally known to me and did not take an oath.

_____
Notary Public
My commission expires: 1-16-2010

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

TOWNSHIP 3 SOUTH - RANGE 16 EAST

SECTION 33: A part of the SW 1/4 of NE 1/4, Section 33, Township 3 South, Range 16 East, Columbia County, Florida, lying North of the right-of-way of U.S. Highway No. 90, being more particularly described as follows: Commence at the NE corner of SW 1/4 of NE 1/4 of said Section 33, and run thence N 88°23'34"W, along the North line of SW 1/4 of NE 1/4 of said Section 33, 185.79 feet to the POINT OF BEGINNING; thence continue N 88°23'34"W, 232.85 feet; thence S 01°36'26"W, 98.59 feet; thence S 26°30'00"W, 98.17 feet to a point on the Northerly right-of-way line of U.S. Highway No. 90; thence S 63°30'00"E, along said Northerly right-of-way line, 204.99 feet; thence N 26°30'00"E, 150.00 feet to a point on a curve of a curve to the left, having a radius of 270.00 feet, an included angle of 24°53'31" and a chord bearing of N 14°03'13"E, 116.38 feet; thence Northeasterly along the arc of said curve, 117.30 feet; thence N 01°36'26"E, 24.21 feet to the POINT OF BEGINNING.

TOGETHER WITH all rights of Crawford Development Group, LLC under and pursuant to Reciprocal Easement Agreement between Daniel Crapps and Giebeig Property Management, Inc. dated October 1, 2005 and recorded in Official Records Book 1061, Page 2309 of the public records of Columbia County, Florida.

Brian Crawford

From: Jason Brimingham [jbriming@dollargeneral.com]
Sent: Friday, February 13, 2009 11:57 AM
To: Brian Crawford
Subject: RE: Traffic Count

Recently, we have gotten quite a few requests from DOTs and Commissioners wanting to know how much traffic enters our parking lot on an hourly basis. Obviously, sales and whether the store is a downtown rural store have a lot to do with it. I wanted to send you some assumed numbers that will probably suffice in any situation. Please forward this email to your Reps.

Assumptions:

1) 2000 transactions per week
2) 285 transactions per day
3) 142 transactions per day by vehicle
4) 10 vehicles per hour (14 hours of operation)

On average, we should expect approximately 10 vehicles per hour for the 14 hours of operation.

Jason C. Brimingham
AutoCAD Manager - Store Design
Dollar General Corporation
Phone 615-855-4749
Fax 615-855-4705

From: Brian Crawford [mailto:brian@conceptconstruction.net]
Sent: Friday, February 13, 2009 10:52 AM
To: Jason Brimingham
Subject: Traffic Count

Please send me the daily traffic count for DG at your earliest convenience.

Thank you,

Brian S. Crawford
President
Concept Construction
295 NW Commons Loop Suite 115-391
Lake City, FL 32055
Phone: 386.755.8887
Fax: 386.755.1919
Email: brian@ConceptConstruction.net

Calculations Using the Most Used Trip Generation Rates from the 7th Edition ITE Trip Generation Report

Description/ITE Code	Units	Expected Units	Expected Daily Trips	PM Peak Trips - Total	PM In	PM Out
Truck Terminal 030	Acres					
General Light Industrial 110	TSF Gross					
Mini Warehouse 151	TSF Gross					
Single Family Homes 210	DU					
Apartments 220	DU					
Mobile Home Park 240	DU					
Assisted Living 254	DU					
All Suites Hotel 311	Rooms					
Motel 320	Rooms					
Marina 420	Berths					
Health/Fitness Club 493	TSF Gross					
Church 560	TSF Gross					
Daycare Center 565	TSF Gross					
General Office 710 (Equation)	TSF Gross					
General Office 710 (Rate)	TSF Gross					
Medical Dental Office 720	TSF Gross	6.5	235	24	7	18
Building Materials/Lumber 812	TSF Gross					
Hardware/Paint Store 816	TSF Gross					
Nursery (Garden Center) 817	TSF Gross				Not Available	Not Available
Shopping Center 820 (Equation)	TSF Gross					
Shopping Center 820 (Rate)	TSF Gross					
Quality Restaurant 931	TSF Gross					
High Turnover/Sit Down Rest. 932	TSF Gross					
Fast Food w/o Drive Thru 933	TSF Gross					
Fast Food with Drive Thru 934	TSF Gross					
Drive Thru Only 935	TSF Gross		Not Available			
Service Station 944	Fuel Position					
Serv.Station w/ Conven.Mkt 945	Fuel Position					
Tire Store 848	Service Bays		Not Available			
Supermarket 850	TSF Gross					
Convenien. Mkt (Open 24 hrs) 851	TSF Gross					
Convenien. Mkt (Open 16 Hrs) 852	TSF Gross		Not Available			
Convenien. Mkt w/ Gas Pumps 853	TSF Gross					
Discount Club 861	TSF Gross					
Pharmacy/Drugstore w/ Drive-thru 881	TSF Gross					
Furniture Store 890	TSF Gross					
Walk-In Bank 911	TSF Gross					
Drive-In Bank 912	Drive-In Lanes					
			235	24	7	18

Lunch Hour Traffic		
Total	In	Out
0	0	0
0	0	0
0	0	0

>>>>>>> No calculations but studies show Lunch Peak 146-364 two way trips

C:\Documents and Settings\brian\Local Settings\Temporary Internet Files\Content.Outlook\Z6SEKHKR\[FDOT TRIP GEN.xls]Calculations
13-Feb-09

Daily trips for Dr. Geibel's according to FDOT Standards

27630

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

19 FEBRUARY 2009

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: DOLLAR GENERAL STORE, HWY 90 W
PERMIT Nr.: _____

DEAR SIR:

WITH REFERENCE TO THE ABOVE NOTED PROJECT, PLEASE BE ADVISED OF THE FOLLOWING CHANGES TO THE FOUNDATION PLAN:

ALONG THE LONG DIMENSION OF THE FOUNDATION, BOTH FRONT AND REAR WALLS, DELETE ONE (1) REBAR, BOTH TOP & BOTTOM FROM THE CONTINUOUS FOOTINGS AS SHOWN ON THE CONSTRUCTION DOCUMENTS SO THAT THE 20" X 20" FOOTINGS HAVE 2 #5 REBAR T&B X CONT. AND THE 24" X 28" FOOTINGS HAVE 3 #5 REBAR T&B X CONT.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company. # 27630

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Concept Construction Company Phone No. 755-8887

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Dollar General
5087 W US Hwy 90
Lake City, FL 32055
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☒ Other Monolithic
Approximate Depth of Footing: Outside Inside Type of Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 2/27/09
Brand Name of Product(s) Used Biflex XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % .6%
Approximate Size of Treatment Area: Sq. ft. 9100 Linear ft. / Linear ft. of Masonry Voids /
Approximate Total Gallons of Solution Applied 910 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments

Name of Applicator(s) Z. Clark, S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [signature] Date 2/27/09

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

27630

Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456

4784 Roselle St., Jacksonville, FL 32254 • Tel(904)381-8901 • Fax(904)381-8902

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 09-00048-01
DATE TESTED: 2/13/09
DATE REPORTED: 2/17/09

PROJECT:	Dollar General @ US 90 & Brown Road, Lake City
CLIENT:	R & E Site Development, Inc. P.O. Box 855, Lake Butler, FL 32054
GENERAL CONTRACTOR:	R & E Site Development, Inc.
EARTHWORK CONTRACTOR:	R & E Site Development, Inc.
INSPECTOR:	Chad Day

ASTM METHOD: (D-2922) Nuclear

SOIL USE: BUILDING FILL

SPECIFIED REQUIREMENTS: 95%

TEST NO.		TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	MAXIMUM DENSITY
1		SW Corner, 30' North x 30' East	12"	110.9	3.4	107.3	2	106.0	101%
2		NW Corner, 30' South x 30' East	12"	110.4	3.4	106.8	2	106.0	101%
3		NE Corner, 30' South x 40' West	12"	112.5	5.6	106.5	2	106.0	101%
4		SE Corner, 30' West x 40' North	12"	112.0	4.4	107.3	2	106.0	101%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS

PROCTOR NO.		SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft³)	OPT. MOIST.	TYPE
2		Tan Fine Sand	106.0	12.0	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Linda M. Creamer
President - CEO

Date:
Licensed, Florida No: 57842

ee

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

27630

STANDARD PLUMBING & SUPPLIES CO. INC.

POST OFFICE BOX 2187
2902 West Hwy 90
LAKE CITY, FLORIDA 32056
Phone: (386) 752-4716 Fax: (386) 752-3070
CFC-1427245
96667000012007

TEST AND MAINTENANCE REPORT

CUSTOMER: Dollar General Store

STREET ADDRESS: 5087 West Hwy 90 Lake City, FL 32024

MAILING ADDRESS: _____

LOCATION OF ASSEMBLY: South East Corner of Property

TYPE OF ASSEMBLY: RP [X] DC [ ] PVB [ ] SVB [ ] SIZE: 1 1/2"

MANUFACTURER: Wilkins MODEL: 975XL SERIAL NO: 3110781

GAUGE MANUF Midwest 845 SERIAL # 12061019 DATE CALIBRATED: 4-28-09

Check Valve #1	Relief Valve	Check Valve #2	Pressure Vacuum Breaker
[ ] leaked or [X] closed tight	opened at: 3.4 psi or did not open [ ]	[ ] leaked or [X] closed tight	*Air Inlet:* did not open [ ] or opened at _____ psi
gauge pressure across check valve 9.2 psi	*Outlet shut-off valve:* [ ] leaked [X] closed tight	gauge pressure across check valve 2.75 psi	*Check Valve:* leaked [ ] or held at _____ psi
[ ] cleaned only Replaced: rubber kit [ ] CV assembly [ ] or disc [ ] O-rings [ ] Seat [ ] spring [ ] stem/guide [ ] retainer [ ] lock nuts [ ] Other [ ]	[ ] RV cleaned only Replaced: RV rubber kit [ ] RV assembly [ ] or disc [ ] diaphragm (s) [ ] seat [ ] spring [ ] guide [ ] O-rings [ ] Other [ ]	[ ] cleaned only Replaced: rubber kit [ ] CV assembly [ ] or disc [ ] O-rings [ ] seat [ ] spring [ ] stem/guide [ ] retainer [ ] lock nuts [ ] Other [ ]	[ ] cleaned only Replaced: rubber kit [ ] CV assembly [ ] disc, air inlet [ ] disk, CV [ ] seat, CV [ ] spring, air inlet [ ] spring, CV [ ] retainer [ ] guide [ ] O-rings [ ] Other [ ]
Gauge pressure across check valve _____ psi	Relief valve opened at _____ psi	Gauge pressure across check valve _____ psi	air inlet _____ psi check valve _____ psi

NOTE: All repairs shall be completed within five (5) working days.

REMARKS: Domestic Back Flow

I hereby certify that this data is accurate and reflects the proper operation and maintenance of the assembly.

TESTER: Mark Dawson CERT. No: 712-08-6460 DATE: 6-12-09

TIME: 2:00 pm

This Assembly: [X] PASSED [ ] FAILED

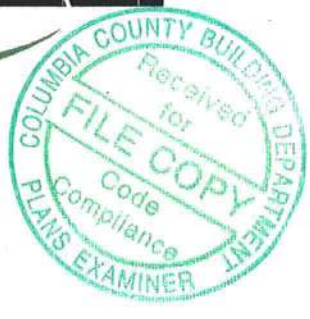
BUFFER: 4.8 PSI

DOLLAR GENERAL STORE
US 90
LAKE CITY, FL

PREPARED FOR: CONCEPT CONSTRUCTION

PREPARED BY:
WILLIAM H. FREEMAN, P.E.

Freeman
Design Group inc



Report Prepared By:

Freeman Design Group, Inc.

For: Dollar General
US 90
Lake City, Florida

Design Conditions: Gainesville; Latitude: 29; Time 1:00 PM

Indoor:		**Outdoor:**	
Summer temperature:	75	Summer temperature:	93
Winter temperature:	72	Winter temperature:	31
Relative humidity:	50	Summer grains of moisture:	116
		Daily temperature range:	18

Building Component		**Sensible Gain (BTUH)**	**Latent Gain (BTUH)**	**Total Heat Gain (BTUH)**	**Total Heat Loss (BTUH)**
Floor	9,100 sq.ft.	0	0	0	13,284
N Wall	1,300 sq.ft.	744	0	744	4,264
E Wall	680 sq.ft.	1,344	0	1,344	2,230
Door	20 sq.ft.	157	0	157	459
Leakage Summer	50 cfm	770	1,768	2,538	0
Leakage Winter	90 cfm	0	0	0	4,059
S Wall	1,111 sq.ft.	993	0	993	5,694
Window	189 sq.ft.	7,707	0	7,707	8,524
W Wall	680 sq.ft.	389	0	389	2,230
Door	20 sq.ft.	157	0	157	459
Leakage Summer	10 cfm	154	354	508	0
Leakage Winter	20 cfm	0	0	0	902
Ceiling	9,100 sq.ft.	17,472	0	17,472	11,193
Duct		0	0	0	0
People/Vent	125 people	31,250	25,000	56,250	0
Ventilation	1,875 cfm	28,875	66,300	95,175	84,563
Infiltration Summer	0 cfm	0	0	0	0
Infiltration Winter	0 cfm	0	0	0	0
Lights	11,280 watts	46,248	0	46,248	0
Whole Building - All Components		**136,260**	**93,422**	**229,682 (19 tons)**	**137,861**

Florida Energy Efficiency Code For Building Construction

Florida Department of Community Affairs

EnergyGauge FLA/COM 2004 v3.00 -- Form 400A-2004

Method A: Whole Building Performance Method for Commercial Buildings

Effective December 8, 2006

PROJECT SUMMARY

Short Desc:	New Prj	**Description:**	Dollar General
Owner:			
Address1:	Enter Address here	**City:**	Lake City
Address2:	Enter Address here	**State:**	FL
		Zip:	0
Type:	Retail	**Class:**	New Finished building
Jurisdiction:	COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)		
Cond Area:	8882 SF	**Cond & UnCond Area:**	8882 SF
No of Storeys:	1	**Area entered from Plans**	9100 SF
Permit No:	0	**Max Tonnage**	5
		If different, write in:	_____

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	13,547.5	15,971.6	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**None Entered**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report of this design building must be submitted along with this Compliance Report.

CERTIFICATIONS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code

Prepared By: William H. Freeman Building Official: _____

Date: 2/2/09 Date: _____

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: _____ Date: _____

If Required by Florida law, I hereby certify (*) that the system design is in compliance with the FLorida Energy Efficiency Code

Architect: Casco Reg No: _____

Electrical Designer: Casco Reg No: _____

Lighting Designer: Casco Reg No: _____

Mechanical Designer: William H. Freeman Reg No: PE #56001

Plumbing Designer: _____ Reg No: _____

(*) Signature is required where Florida Law requires design to be performed by registered design professionals. Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*84.81*	*100.00*
	$13,547	*$15,972*
ELECTRICITY(MBtu/kWh/$)	84.81 270949 *$13,547*	100.00 319431 *$15,972*
AREA LIGHTS	18.20 58124 *$2,906*	28.67 91579 *$4,579*
MISC EQUIPMT	15.39 49162 *$2,458*	15.39 49162 *$2,458*
PUMPS & MISC	0.01 39 *$2*	0.01 40 *$2*
SPACE COOL	16.01 51166 *$2,558*	16.89 53958 *$2,698*
SPACE HEAT	1.86 5948 *$297*	1.52 4858 *$243*
VENT FANS	33.34 106510 *$5,326*	37.51 119834 *$5,992*

Credits & Penalties (if any): Modified Points: = 84.82 | **PASSES**

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	0.15	2,000.0	300	300
Ext Light 2	Main entries	30.00	21.0	630	250
Ext Light 3	Other (doors) than main entries	20.00	6.0	120	250

Design: 800 (W)
Allowance: 1050 (W)

PASSES

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	,001	Sales Area	7,560	1	4	4	**PASSES**
Pr0Zo1Sp2	3	Storage & Warehouse - Bulky Active Storage	1,050	1	1	1	**PASSES**
Pr0Zo1Sp3	6	Toilet and Washroom	56	1	2	2	**PASSES**
Pr0Zo1Sp4	9	Food Service - Bar/Lounge	80	1	1	1	**PASSES**
Pr0Zo1Sp5	5	Corridor	80	1	1	1	**PASSES**

PASSES

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 **System 1** **Constant Volume Packaged System** **No. of Units** 4

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	13.00	8.40		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		3.20	3.20			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System						PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Comp liance

None

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Electric water heater	<= 12 [kW]	0.92	0.86			PASSES

PASSES

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance

None

Project: New Prj
Title: Dollar General
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

EnergyGauge FLA/COM 2004 v3.00

INPUT DATA REPORT

Project Information

Project Name: New Prj
Project Title: Dollar General
Address: Enter Address here
Enter Address here
State: FL
Zip: 0
Owner:

Orientation: North
Building Type: Retail
Building Classification: New Finished building
No.of Storeys: 1
GrossArea: 8882 SF

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	8882.0	1	8882.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]

In Zone:	**Pr0Zo1**									
1	Pr0Zo1Sp1	Zo0Sp1	Sales Area	70.00	108.00	10.00	1	7560.0	75600.0	☐
2	Pr0Zo1Sp2	Zo0Sp2	Storage & Warehouse - Bulky Active Storage	50.00	21.00	10.00	1	1050.0	10500.0	☐
3	Pr0Zo1Sp3	Zo0Sp3	Toilet and Washroom	8.00	7.00	10.00	2	112.0	1120.0	☐
4	Pr0Zo1Sp4	Zo0Sp4	Food Service - Bar/Lounge	10.00	8.00	10.00	1	80.0	800.0	☐
5	Pr0Zo1Sp5	Zo0Sp5	Corridor	20.00	4.00	10.00	1	80.0	800.0	☐

Lighting

	No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone:	**Pr0Zo1**								
In Space:	**Pr0Zo1Sp1**								
	1	Compact Fluorescent	General Lighting	126	80	10080	Manual On/Off	4	☐
In Space:	**Pr0Zo1Sp2**								
	1	Compact Fluorescent	General Lighting	6	80	480	Manual On/Off	1	☐
In Space:	**Pr0Zo1Sp3**								
	1	Compact Fluorescent	General Lighting	1	40	40	Manual On/Off	1	☐
In Space:	**Pr0Zo1Sp4**								
	1	Compact Fluorescent	General Lighting	2	40	80	Manual On/Off	1	☐
In Space:	**Pr0Zo1Sp5**								
	1	Compact Fluorescent	General Lighting	1	40	40	Manual On/Off	1	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone:	**Pr0Zo1**											
1	Pr0Zo1Wa1	Metal siding/2x4@24"+R11Batt/5/8"Gyp	130.00	10.00	1	1300.0	North	0.0920	1.072	19.38	10.9	☐

2	Pr0Zo1Wa2	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	10.00	1	700.0	East	0.0920	1.072	19.38	10.9
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R11Batt/5/8"Gyp	70.00	10.00	1	700.0	West	0.0920	1.072	19.38	10.9
4	South Wall	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	130.00	10.00	1	1300.0	South	0.2642	9.696	62.72	3.8

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]
In Zone: Pr0Zo1										
In Wall: Pr0Zo1Wa4										
1	Pr0Zo1Wa4Wi1	User Defined	No	1.2500	0.82	0.76	21.00	9.00	1	189.0

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Dr1	Solid core flush (2.25)	No	6.00	7.00	1	42.0	0.3504	0.00	0.00	2.85
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Dr1	Solid core flush (2.25)	No	3.00	7.00	1	21.0	0.3504	0.00	0.00	2.85

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											

1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	130.00	70.00	1	9100.0	0.00	0.0492	1.34	9.49	20.3

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Fl1	1 ft. soil, concrete floor, carpet and rubber pad	130.00	70.00	1	9100.0	0.1745	54.00	108.00	5.73

Systems

Pr0Sy1 **System 1** **Constant Volume Packaged System** **No. Of Units 4**

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	60000.00	13.00	8.40
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	60000.00	3.20	
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	2000.00	0.80	
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1800.00	0.80	
5	Air Distribution System (ADS System)			

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

	W-Heater Description	Capacity	Cap.Unit	I/P Rt.	Efficiency	Loss	
1	Electric water heater	50	[Gal]	[kW]	0.9200 [Ef]	[Btu/h]	

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
1	Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	1	300	2000.00	Photo Sensor control	300.00	
2	Ext Light 2	Main entries	1	250	21.00	Photo Sensor control	250.00	
3	Ext Light 3	Other (doors) than main entries	1	250	6.00	Photo Sensor control	250.00	

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULSglClrAll Frm	User Defined	1	1.2500	0.8200	0.7600	☐

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
265	Matl265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000	☐
48	Matl48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000	☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000	☐
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1014	8"CMU/3/4"ISO BTWN24"oc/5/8 Gyp	No	No	0.26	9.70	62.72	3.8	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.000	☐
2	269	.75" ISO BTWN24" oc	0.0625	0.000	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1055	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	4	Steel siding	0.0050	0.000	☐
2	271	2x4@24" oc + R11 Batt	0.2917	0.000	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1056	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.000	☐
2	23	6 in. Insulation	0.5000	0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1057	1 ft. soil, concrete floor, carpet and rubber pad	No	No	0.17	54.00	108.00	5.7	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	265	Soil, 1 ft	2.0000	0.000	☐
2	48	6 in. Heavyweight concrete	0.5000	0.000	☐
3	178	CARPET W/RUBBER PAD		0.000	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1058	Solid core flush (2.25)	No	Yes	0.35			2.9	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	279	Solid core flush (2.25")		0.000	☐

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REPORT OF GEOTECHNICAL CONSULTING SERVICES

West Highway 90 Office Complex
Vicinity of U.S. Highway 90
and SW Sweetbreeze Drive
Lake City, Columbia County, Florida

UES Project No. 28416-005-02
UES Report No. 60318.1

Prepared for:

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Prepared by:

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November 15, 2006

UNIVERSAL ENGINEERING SCIENCES
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November 15, 2006

Concept Construction of North Florida, Inc
2109 West U.S. Highway 90, Suite 170-144
Lake City, FL 32055

Attention: Mr. Brian Crawford

Reference: **Report of Geotechnical Consulting Services**
West Highway 90 Office Complex
Vicinity of U.S. Highway 90 and SW Sweetbreeze Drive
Lake City, Columbia County, Florida
Section 33, Township 3 South, Range 16 East
UES Project No: 28416-005-02 UES Report No: 60318.1

Dear Mr. Crawford:

Universal Engineering Sciences, Inc. has completed a subsurface exploration at the site of the proposed office complex building located in the vicinity of U.S. Highway 90 and S.W. Sweetbreeze Drive in Lake City, Columbia County, Florida. These services were provided in general accordance with our Proposal No. G3211 dated October 23, 2006. Authorization for our services was provided by Mr. Brian Crawford dated October 30, 2006. This report contains the results of our exploration, an engineering evaluation with respect to the project characteristics described to us, and recommendations for groundwater control, foundation design, pavement design and site preparation. A summary of our findings is as follows:

- The borings encountered very loose to medium dense light brown and white sand and orange (SP) to depths of 8 to 12 feet followed by very loose to medium dense tan and orange and brown clayey sand (SC) to a depth of 15 feet.

- The stabilized groundwater level was not apparent in the soil test boring at the time of our exploration. We estimate the normal seasonal high groundwater level will occur at a depth of about 7 to 7.5 feet below the existing ground surface as water will tend to perch on the clayey sand.

- Assuming the building area will be constructed in accordance with our Site Preparation Recommendations, we have recommended the proposed structure be supported on conventional, shallow spread foundations with an allowable soil bearing pressure of 2,500 pounds per square foot. Due to the very loose surficial sands, we recommend improving the upper 4 feet using a self propelled vibratory roller. Verification of the improvement should be performed utilizing a static cone penetrometer.

- We recommend only normal, good practice site preparation techniques to prepare the existing subgrade to support the proposed structure area. These techniques include compacting the subgrade and placing engineered fill to the desired grades.

We trust this report meets yours needs and addresses the geotechnical issues associated with the proposed construction. We appreciate the opportunity to have worked with you on this project and look forward to a continued association. Please do not hesitate to contact us if you should have any questions, or if we may further assist you as your plans proceed.

Respectfully submitted,

UNIVERSAL ENGINEERING SCIENCES, INC.
Certificate of Authorization 549

Francisco Alfaro, E.I.
Project Engineer

Jeffrey S. Pruett, P.E.
Regional Manager
Florida P.E. No. 50775
Date: 3/1/07

FA/JP:fa (3)

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1.0 INTRODUCTION

1.1 GENERAL

In this report, we present the results of the subsurface exploration of the site for the proposed single-story metal building located in the vicinity of U.S. Highway 90 and Amenity Court in Lake City, Columbia County, Florida. We have divided this report into the following sections:

- SCOPE OF SERVICES - Defines what we did
- FINDINGS - Describes what we encountered
- RECOMMENDATIONS - Describes what we encourage you to do
- LIMITATIONS - Describes the restrictions inherent in this report
- APPENDICES - Presents support materials referenced in this report

2.0 SCOPE OF SERVICES

2.1 PROJECT DESCRIPTION

At the time of our field exploration, the parcel was observed to be vacant and undeveloped. Our office was provided with a Boundary Survey drawn by Britt Surveying Land Surveyors and Mappers.

Current Site development plans included the construction of a professional building consisting of approximately 6,300 square feet. Also included in the project will be paved areas and a stormwater management area. The numbers of borings for the building were selected by Concept Construction of North Florida. The depth of borings for the building area, parking area and stormwater management area were selected by Universal Engineering Sciences.

Detailed structural loads have not been provided, therefore we assume maximum column and wall loads will not exceed 50 kips and 4 klf, respectively. It is assumed elevating fill heights will not exceed 2 feet.

Our recommendations are based upon the above considerations. If any of this information is incorrect, or if you anticipate any changes, please inform Universal Engineering Sciences so that we may review our recommendations.

2.2 PURPOSE

The purposes of this exploration were:

- to explore the general subsurface conditions at the site;
- to interpret and evaluate the subsurface conditions with respect to the proposed construction; and
- to provide geotechnical engineering recommendations for groundwater control, foundation design, pavement design, and site preparation.

This report presents an evaluation of site conditions on the basis of traditional geotechnical procedures for site characterization. The recovered samples were not examined, either visually or analytically, for chemical composition or environmental hazards. Universal Engineering Sciences would be pleased to perform these services, if you desire.

2.3 FIELD EXPLORATION

The field exploration were started and completed on November 11, 2006. The approximate boring locations are shown on the attached Boring Location Map in Appendix A. The approximate boring locations were determined in the field by our personnel using taped measurements from existing features at the site, and should be considered accurate only to the degree implied by the method of measurement used. Samples of the soils encountered will be held in our laboratory for your inspection for 60 days unless we are notified otherwise.

2.3.1 SPT Borings

To explore the subsurface conditions within the proposed structure, parking areas and stormwater management area we located and drilled seven (7) Standard Penetration Test (SPT) borings to depths ranging from approximately 5 to 15 feet below the existing ground surface in general accordance with the methodology outlined in ASTM D 1586. A summary of this field procedure is included in Appendix A. Split-spoon soil samples recovered during performance of the borings were visually classified in the field and representative portions of the samples were transported to our laboratory for further evaluation.

2.4 LABORATORY TESTING

Representative soil samples obtained during our field exploration were returned to our office and examined by a geotechnical engineer. The samples were visually classified in general accordance with ASTM D 2488 (Unified Soil Classification System).

Three (3) fines content tests, three (3) moisture content tests, three (3) permeability tests and one (1) Atterberg Limits test were conducted in the laboratory on representative soil samples obtained from the borings. These tests were performed to aid in classifying the soils and to help quantify and correlate engineering properties. The results of these tests are presented on the Boring Logs in Appendix A. A brief description of the laboratory procedures used is also provided in Appendix A.

3.0 KARST TOPOGRAPHY

About 10% of the earth's land (and 15% of the United States) crust is composed of, or underlain by, soluble limestone. When limestone interacts with underground water, over time, the water dissolves the limestone to form karst topography, a mix of caves, underground channels, and rough and undulating ground surfaces. The underground water of karst topography carves channels and caves that become susceptible to collapse from the surface. When enough limestone is eroded from underground, a sinkhole may develop. Sinkholes can range in size and depth from a few feet to over 300 feet. The topography of North Central Florida is characteristic of karst terrain, with sinkholes caused by natural climatic variability, as well as, man-made activities, such as, the drop in groundwater levels from well pumping.

In accordance with our contracted scope of services, our exploration was confined to the zone of soil likely to be stressed by the proposed single-story construction. Our work did not address the potential for surface expression of deep geological conditions, such as sinkhole development related to karst activity. This evaluation requires a more extensive range of field services than performed in this study.

4.0 FINDINGS

4.1 SURFACE CONDITIONS

The site of the proposed office complex is located in the vicinity of U.S. Highway 90 and S.W. Sweetbreeze Drive in Lake City, Columbia County, Florida.

At the time of our visit, the parcel was undeveloped, vacant and had been cleared. Exposed surface soils were observed to be sandy and moist. Organic and/or clay surface soils were not observed on the project parcel. No rock outcroppings were observed on the parcel.

4.2 SUBSURFACE CONDITIONS

The boring locations and detailed subsurface conditions are illustrated in Appendix A: Boring Location Plan and Boring Logs. The classifications and descriptions shown on the logs are generally based upon visual characterizations of the recovered soil samples and a limited number of laboratory tests.

Also, see Appendix A: Key to Boring Logs, for further explanation of the symbols and placement of data on the Boring Logs. Table 1: General Soil Profile summarizes the soil conditions encountered.

TABLE 1
General Soil Profile

Typical depth (ft)		Soil Descriptions
From	To	
0	8 to 12	Very loose to medium dense light brown sand (SP)
8 to 12	15	Very loose to medium dense orange and green and light tan clayey sand (SC)
( ) Indicates Unified Soil Classification		

5.0 RECOMMENDATIONS

5.1 GENERAL

In this section of the report, we present our detailed recommendations for groundwater control, building foundation, pavement design, site preparation, and construction related services. The following recommendations are made based upon a review of the attached soil test data, our understanding of the proposed construction, and experience with similar projects and subsurface conditions. We recommend that we be provided the opportunity to review the project plans and specifications to confirm that our recommendations have been properly interpreted and implemented.

If the structural loadings or the building locations change significantly from those discussed previously, we request the opportunity to review and possibly amend our recommendations with respect to those changes. The discovery of any subsurface conditions during construction which deviate from those encountered in the borings should be reported to us immediately for observation, evaluation and recommendations.

5.2 GROUNDWATER CONTROL

The groundwater table will fluctuate seasonally depending upon local rainfall. It is our opinion the seasonal high water level on this parcel will occur at a depth of about 7 to 7.5 feet below the existing ground surface as water will tend to perch on the clayey soils.

Note: it is possible the estimated seasonal high groundwater levels will temporarily exceed these estimated levels during any given year in the future. Should impediments to surface water drainage exist on the site, or should rainfall intensity and duration, or total rainfall quantities exceed the normally anticipated rainfall quantities, groundwater levels may exceed our seasonal high estimates. We recommend positive drainage be established and maintained on the site during construction. We further recommend permanent measures be constructed to maintain positive drainage from the site throughout the life of the project. We recommend all foundation designs be based on the seasonal high groundwater conditions.

5.3 BUILDING FOUNDATION

Based on the results of our exploration, we consider the subsurface conditions at the site adaptable for support of the proposed structures when constructed on a properly designed conventional shallow foundation system. Provided the site preparation and earthwork construction recommendations outlined in Section 5.5 of this report are performed, the following parameters may be used for foundation design.

5.3.1 Bearing Pressure

The maximum allowable net soil bearing pressure for use in shallow foundation design should not exceed 2,500 psf. Net bearing pressure is defined as the soil bearing pressure at the foundation bearing level in excess of the natural overburden pressure at that level. The foundations should be designed based on the maximum load which could be imposed by all loading conditions.

5.3.2 Foundation Size

The minimum widths recommended for any isolated column footings and continuous wall footings are 24 inches and 18 inches, respectively. Even though the maximum allowable soil bearing pressure may not be achieved, these width recommendations should control the minimum size of the foundations.

5.3.3 Bearing Depth

The exterior foundations should bear at a depth of at least 18 inches below the finished exterior grades and the interior foundations should bear at a depth of at least 12 inches below the finish floor elevation to provide confinement to the bearing level soils. It is recommended that stormwater be diverted away from the building exteriors to reduce the possibility of erosion beneath the exterior footings.

5.3.4 Bearing Material

The foundations may bear in either the compacted suitable natural soils or compacted structural fill. The bearing level soils, after compaction, should exhibit densities equivalent to at least 95 percent of the Modified Proctor maximum dry density (ASTM D 1557). As previously mentioned, very loose surficial sandy soils were encountered in the borings. We recommend improving the soils to a depth of 4 feet using a vibratory roller. Verification of the improvement should be performed using a static cone penetrometer.

5.3.5 Settlement Estimates

Post-construction settlements of the structures will be influenced by several interrelated factors, such as (1) subsurface stratification and strength/compressibility characteristics; (2) footing size, bearing level, applied loads, and resulting bearing pressures beneath the foundations; and (3) site preparation and earthwork construction techniques used by the contractor. Our settlement estimates for the structures are based on the use of site preparation/earthwork construction techniques as recommended in Section 5.5 of this report. Any deviation from these recommendations could result in an increase in the estimated post-construction settlements of the structures.

Due to the sandy nature of the near-surface soils, we expect the majority of settlement to occur in an elastic manner and fairly rapidly during construction. Using the recommended maximum bearing pressure, the assumed maximum structural loads and the field data which we have correlated to geotechnical strength and compressibility characteristics of the subsurface soils, we estimate that total settlements of the structures could be on the order of one inch or less.

Differential settlements result from differences in applied bearing pressures and variations in the compressibility characteristics of the subsurface soils. Because of the general uniformity of the subsurface conditions and the recommended site preparation and earthwork construction techniques outlined in Section 5.5, we anticipate that differential settlements of the structures should be within tolerable magnitudes (½ inch or less).

5.3.6 Floor Slab

The floor slab can be constructed as a slab-on-grade member using a modulus of subgrade reaction (K) of 150 pci provided the subgrade materials are compacted as outlined in Section 5.5. It is recommended the floor slab bearing soils be covered with an impervious membrane to reduce moisture entry and floor dampness. A 10-mil thick plastic membrane is commonly used for this purpose. Care should be exercised not to tear large sections of the membrane during placement of reinforcing steel and concrete.

5.4 PAVEMENTS

5.4.1 General

A rigid or flexible pavement section could be used on this project. Flexible pavement combines the strength and durability of several layer components to produce an appropriate and cost-effective combination of available construction materials. Concrete pavement has the advantage of the ability to "bridge" over isolated soft areas, it requires less security lighting, and it typically has a longer service life than asphalt pavement. Disadvantages of rigid pavement include an initial higher cost and more difficult patching of distressed areas than occurs with flexible pavement.

5.4.2 Asphalt (Flexible) Pavements

We have recommended a flexible pavement section with a 20-year design life for use on this project. Because traffic loadings are commonly unavailable, we have generalized our pavement design into two groups. The group descriptions and the recommended component thicknesses are presented in Table 2: Pavement Component Recommendations. The structural numbers in Table 2 are based on a structural number analysis with the stated estimated daily traffic volume for a 20-year replacement design life.

TABLE 2
Summary of Pavement Component Recommendations

Traffic Group	Structural Number	Component Thickness (inches)		
		Stabilized Subgrade	Base Course	Surface Course
Automobile parking lots and driveways -**standard duty**	2.7	12	6	1.5
Truck parking lots and driveways - **heavy duty**	3.3	12	8	2.0

The Design Traffic Groups are defined below:

- Automobile Parking lots and driveways – **standard duty:**
  1,000 cars and light panel and pickup trucks per day, (average gross weight of 4,000 pounds), two tractor-trailer trucks per week (H-20 loading), and two trash trucks per week (46,000 pound gross weight)

- Truck Parking and driveways – **heavy duty:**
  Standard duty loading plus; twenty 18-wheel tractor-trailer trucks per day (H-20 loading)

5.4.2.1 Stabilized Subgrade

We recommend that subgrade materials be compacted in place according to the requirements in the "Site Preparation" section of this report.

Further, beneath limerock base course, stabilize the subgrade materials to a minimum Limerock Bearing Ratio (LBR) of 40, as specified by Florida Department of Transportation (FDOT) requirements for Type B Stabilized Subgrade. The subgrade material should be compacted to at least 98 percent of the Modified Proctor maximum dry density (ASTM D 1557, AASHTO T-180) value.

The stabilized subgrade can be a blend of existing soil and imported material such as limerock. If a blend is proposed, we recommend that the contractor perform a mix design to find the optimum mix proportions.

The primary function of stabilized subgrade beneath the base course is to provide a stable and firm subgrade so that the limerock can be properly and uniformly placed and compacted. Depending upon the soil type, the subgrade material may have sufficient stability to provide the needed support without additional stabilizing material. Generally, sands with silt or clay should have sufficient stability and may not require additional stabilizing material. Conversely, relatively "clean" sand will not provide sufficient stability to adequately construct the limerock base course. Universal Engineering Sciences should observe the soils exposed on the finish grades to evaluate whether or not additional stabilization will be required beneath the base course.

5.4.2.2 Base Course

We recommend the base course consist of limerock. The limerock base course should have a minimum Limerock Bearing Ratio (LBR) of 100 and should be compacted to 98 percent of the Modified Proctor maximum dry density (ASTM D 1557, AASHTO T-180) value.

As an alternative base course, crushed concrete could be used. An advantage to using crushed concrete is a lower sensitivity to water than what occurs with limerock. The main disadvantage is that crushed concrete may not be available at the time of construction.

Crushed concrete should be supplied by an FDOT approved plant with quality control procedures. The crushed concrete stockpile should be free of sandy pockets, foreign materials, or uncrushed particles. We recommend the following specifications be enforced.

1. Crushed concrete shall not contain extremely hard pieces, lumps, balls or pockets of sand or clay sized material in sufficient quantity as to be detrimental to the proper binding, finishing or strength of the crushed concrete base.

2. Samples of base course materials shall be supplied to the engineer prior to use in the work. Additional samples shall be furnished during construction, as necessary.

3. At least 97 percent (by weight) of the material shall pass a 3-1/2 inch sieve and the material shall be graded uniformly down to dust. The fine material shall consist entirely of dust or fracture. All crushing or breaking-up which might be necessary in order to meet such size requirements shall be done before the material is placed within the area to be paved.

4. The base shall be bladed and shaped to conform to the typical sections shown on the plans. Then the base shall be compacted by rolling with a combination of steel wheel and rubber tired rollers until a minimum density of at least 98 percent of the maximum density obtainable under AASHTO Method T-180 is reached. The base shall have an average LBR of not less than 100. The LBR value of material produced at a particular source shall be determined in accordance with an approved quality control procedure.

5. Testing shall be performed at the following frequencies:

   - Perform in-place density on crushed concrete base at a frequency of 1 test per 300 linear foot of roadway or 5,000 square feet of pavement.

   - Perform Limerock Bearing Ratio tests at a frequency of 1 test per visual change in material and a minimum of 1 test per 15,000 square feet of pavement.

   - Engineer should perform a final visual base inspection prior to placement of prime or tack coat and paving.

5.4.2.3 Wearing Surface

The wearing surface should consist of Florida Department of Transportation (FDOT) Type S asphaltic concrete having a minimum Marshall Stability of 1,500 lbs and a flow range of 0.07 to 0.12 inches. Specific requirements for Type S asphaltic concrete wearing surface are outlined in the Florida Department of Transportation, Standard Specifications for Road and Bridge Construction, 2000 Edition.

After placement and field compaction, the wearing surface should be cored to evaluate material thickness and to perform laboratory densities. Cores should be obtained at frequencies of at least one core per 10,000 square feet of placed pavement or a minimum of two cores per day's production.

5.4.3 Concrete (Rigid) Pavements

Concrete pavement is a rigid pavement that transfers much lighter wheel loads to the subgrade soils than a flexible asphalt pavement. For a concrete pavement subgrade, we recommend using the existing surficial sands or recommend clean fine sand fill (SP), densified to at least 98 percent of Modified Proctor test maximum dry density (ASTM D 1557) without additional stabilization, with the following stipulations:

1. Subgrade soils must be densified to at least 98 percent of Modified Proctor test maximum dry density (ASTM D 1557) to a depth of at least 2 feet prior to placement of concrete.

2. The surface of the subgrade soils must be smooth, and any disturbances or wheel rutting corrected prior to placement of concrete.

3. The subgrade soils must be moistened prior to placement of concrete.

4. Concrete pavement thickness should be uniform throughout, with exception to thickened edges (curb or footing).

5. The bottom of the pavement should be separated from the estimated typical wet season groundwater level by at least 18 inches.

Our recommendations for slab thickness for standard duty and heavy duty concrete pavements are based on a) subgrade soils densified to 98 percent of the Modified Proctor maximum dry density (ASTM D 1557) b) modulus of subgrade reaction (k) equal to 200 pounds per cubic inch, c) a 20 year design life, and 3) previously stated traffic conditions in Section 5.4.2, we recommend using the design shown in Table 3 for standard duty concrete pavements.

TABLE 3
Standard Duty (Unreinforced) Concrete Pavement

Minimum Pavement Thickness	Maximum Control Joint Spacing	Minimum Sawcut Depth
5 Inches	10 Feet x 10 Feet	1¼ Inches

Our recommended design for heavy duty concrete pavement is shown in Table 4 below.

TABLE 4
Heavy Duty (Unreinforced) Concrete Pavement

Minimum Pavement Thickness	Maximum Control Joint Spacing	Minimum Sawcut Depth
6 Inches	12 Feet x 12 Feet	1½ Inches

We recommend using concrete with a minimum 28-day compressive strength of 4000 psi and a minimum 28-day flexural strength (modulus of rupture) of at least 650 pounds per square inch, based on 3rd point loading of concrete beam test samples. Layout of the sawcut control joints should form square panels, and the depth of sawcut joint should be at least ¼ of the concrete slab thickness.

The joints should be sawed within six hours of concrete placement or as soon as the concrete has developed sufficient strength to support workers and equipment. We recommend allowing Universal to review and comment on the final concrete pavement design, including section and joint details (type of joints, joint spacing, etc.), prior to the start of construction.

For further details on concrete pavement construction, please reference the "Guide to Jointing on Non-Reinforced Concrete Pavements" published by the Florida Concrete and Products Associates, Inc., and "Building Quality Concrete Parking Areas", published by the Portland Cement Association.

5.4.4 Effects of Groundwater

One of the most critical factors influencing pavement performance in North central Florida is the relationship between the pavement subgrade and the seasonal high groundwater level.

Many roadways and parking areas have been damaged as a result of deterioration of the base conditions and/or the base/surface course bond. We recommend that the seasonal high groundwater and the bottom of the flexible pavement limerock base course be separated by at least 24 inches.

We recommend a separation of at least 18 inches below the bottom of a rigid concrete pavement or below a flexible pavement with a crushed concrete base. If this separation cannot be establish and maintained by grading and surface drainage improvements, permanent groundwater control measures (underdrains) will be required.

5.4.5 Curbing

We recommend that curbing around the landscaped sections adjacent to the parking areas and driveways be constructed with full-depth curb sections. Using extruded curb sections which lie directly on top of the final asphalt level, or eliminating the curbing entirely, can allow migration of irrigation water from the landscape areas to the interface between the asphalt and the base. This migration often causes separation of the wearing surface from the base and subsequent rippling and pavement deterioration. Topsoil placed behind curbing in landscaped areas should be limited to 6 inches vertical thickness within five feet of flexible pavement.

5.4.6 Construction Traffic

Light duty roadways and incomplete pavement sections will not perform satisfactorily under construction traffic loadings. We recommend that construction traffic (construction equipment, concrete trucks, sod trucks, garbage trucks, dump trucks, etc.) be re-routed away from these roadways or that the pavement section be designed for these loadings.

5.4.7 Subsurface Soil Suitability for Flexible Pavement

The sands encountered in the project parcel are anticipated to be suitable for use as pavement subgrade. In general, soils classified as sands (SP) and slightly clayey sands (SP-SC) can be used for this purpose. Locally, these soils may require some moisture control to facilitate compaction.

The moisture content of these soils should not be higher than the optimum moisture content during placement and compaction, in order to reduce the potential for moisture related instability. These soils drain fairly well, but may require some stockpiling and aeration time if allowed to become saturated during earthwork activities.

We recommend that two to three representative samples of the near-surface sands be recovered for laboratory LBR testing. The test results will be used to reach final conclusions on subgrade material suitability.

5.5 SITE PREPARATION

We recommend normal, good practice site preparation procedures. These procedures include: compacting the subgrade and placing necessary fill or backfill to grade with engineered fill. A more detailed synopsis of this work is as follows:

1. Prior to construction, the location of any existing underground utility lines within the construction area should be established. Provisions should then be made to relocate interfering utilities to appropriate locations. It should be noted that if underground pipes are not properly removed or plugged, they may serve as conduits for subsurface erosion which may subsequently lead to excessive settlement of overlying structure(s).

2. Strip the proposed construction limits of all grass, roots, topsoil, and other deleterious materials within 5 feet beyond the perimeter of the proposed building area and within 3 feet beyond the perimeter of the proposed paved areas. Expect typical stripping at this site to depths of 6 to 12 inches. Some isolated areas may require more than a foot of stripping or undercutting to remove the root systems of underbrush or trees.

3. The seasonal high groundwater level is estimated to occur at a depth of about 7 to 7.5 feet below the existing ground surface encountered during our exploration. If required, temporary groundwater control can probably be achieved by pumping from sumps located in perimeter ditches. Each sump should be located outside the bearing area to avoid loosening of the fine sandy bearing soils.

4. Compact the subgrade from the surface with a medium weight vibratory roller (a 5- to 10-ton roller, static weight and 3- to 5-foot drum diameter) until you obtain a minimum density of at least 95 percent of the Modified Proctor maximum dry density (ASTM D-1557), to a depth of 4 feet below the compacted surface. It should be anticipated that moisture will need to be added to the subgrade in order to achieve the required compaction. Typically, the soils should exhibit moisture contents within ± 2 percent of the Modified Proctor optimum moisture content during compaction. A minimum of eight (8) complete coverages (in perpendicular directions) should be made in the building construction area with the roller to improve the uniformity and increase the density of the underlying sandy soils.

   Should the bearing level soils experience pumping and soil strength loss during the compaction operations, compaction work should be immediately terminated and (1) the disturbed soils removed and backfilled with dry structural fill soils which are then compacted, or (2) the excess pore pressures within the disturbed soils allowed to dissipate before recompacting.

   Care should be exercised to avoid damaging any nearby structures while the compaction operation is underway. Prior to commencing compaction, occupants of adjacent structures should be notified and the existing conditions of the structures be documented with photographs and survey (if deemed necessary). Compaction should cease if deemed detrimental to adjacent structures. Universal Engineering Sciences can provide vibration monitoring services to help document and evaluate the effects of the surface compaction operation on existing structures. In the absence of vibration monitoring it is recommended the vibratory roller remain a minimum of 50 feet from existing structures. Within this zone, use of a bulldozer or a vibratory roller operating in the static mode is recommended.

5. Test the subgrade for compaction at a frequency of not less than one test per 2,500 square feet in the building area, or a minimum of two test locations per building, whichever is greater, and every 10,000 square feet in pavement areas, or a minimum of two test locations, whichever is greater.

6. Place fill material, as required. The fill should consist of "clean," fine sand with less than 5 percent soil fines. You may use fill materials with soil fines between 5 and 10 percent, but strict moisture control may be required. Typically, the soils should exhibit moisture contents within ± 2 percent of the Modified Proctor optimum moisture content during compaction. Place fill in uniform 10- to 12-inch loose lifts and compact each lift to a minimum density of 95 percent of the Modified Proctor maximum dry density.

   The top 12 inches of fill beneath flexible pavement areas and the top 24 inches of fill beneath rigid pavements should be compacted to 98 percent of the Modified Proctor maximum dry density. Stabilize this zone with limerock as necessary to obtain a minimum LBR of 40.

7. Perform compliance tests within the fill/backfill at a frequency of not less than one test per 2,500 square feet per lift in the building areas, or at a minimum of two tests per building area, whichever is greater. In paved areas, perform compliance tests at a frequency of not less than one test per 10,000 square feet per lift, or at a minimum of two test locations, whichever is greater.

8. Test all footing cuts for compaction to a depth of 4 feet. Additionally, we recommend you conduct density testing in every column footing, and every 100 linear feet in wall footings. Recompaction of the foundation excavation bearing level soils, if loosened by the excavation process, can probably be achieved by making several coverages with a light weight walk-behind vibratory sled or roller.

5.6 STORMWATER MANGEMENT AREA

The laboratory test data indicated that the surficial clean sands in the proposed stormwater management area for this project had a measured vertical hydraulic conductivity values ranging from about 44 to 48 feet per day. However, we do not recommend that values greater than 40 feet per day be used for vertical hydraulic conductivity.

The soil test borings in the stormwater management area (SMA) encountered clayey sands at a depth of about 8 feet below ground surface. The clayey sand is expected to have vertical hydraulic conductivity value of less than 1 foot per day. The clayey sands found underneath the surficial sand layers should behave as a confining layer in the stormwater management areas.

The normal seasonal high groundwater level on this project parcel will reflect short-duration perched conditions, and will be directly impacted by the underlying near-surface clayey zone. It is our opinion the seasonal high water level on this parcel will occur at a depth of about 7 to 7.5 feet below the existing ground surface.

Table 5 - Stormwater Management Area Soil Design Parameters

Soil Test Boring Location	Depth of Confining Layer	Layer Range	Recommended Vertical Hydraulic Conductivity	Estimated Horizontal Hydraulic Conductivity	Estimated Fillable Porosity	Estimated Seasonal High Groundwater Level
B-6, B-7	9 feet	0 to 9 feet	40 ft/day	60 ft/day	20 %	7 to 7.5 feet

5.5 CONSTRUCTION RELATED SERVICES

We recommend the owner retain Universal Engineering Sciences to perform construction materials tests and observations on this project. Field tests and observations include verification of foundation by performing quality assurance tests on the placement of compacted structural fill. We can also provide concrete testing, pavement section testing, structural steel testing, and general construction observation services.

The geotechnical engineering design does not end with the advertisement of the construction documents. The design is an on-going process throughout construction. Because of our familiarity with the site conditions and the intent of the engineering design, we are most qualified to address problems that might arise during construction in a timely and cost-effective manner.

6.0 LIMITATIONS

During the early stages of most construction projects, geotechnical issues not addressed in this report may arise. Because of the natural limitations inherent in working with the subsurface, it is not possible for a geotechnical engineer to predict and address all possible problems. An Association of Engineering Firms Practicing in the Geosciences (ASFE) publication, "Important Information About Your Geotechnical Engineering Report" appears in Appendix B, and will help explain the nature of geotechnical issues.

Further, we present documents in Appendix B: Constraints and Restrictions, to bring to your attention the potential concerns and the basic limitations of a typical geotechnical report.

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BORING LOG

PROJECT NO.:	28416-005-02
REPORT NO.:	60318
PAGE:	A-2

PROJECT: PROPOSED OFFICE COMPLEX
VICINITY OF US HIGHWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-1** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Very loose brown and light brown SAND [SP]						
		3-2-2	4			Very loose...						
		3-2-1	3			Very loose...						
5		2-2-2	4			Very loose tan and orange...						
		2-3-3	6			Loose...						
		3-4-3	7			Loose...						
10		5-5-6	11			Medium dense...						
						Tan and orange clayey SAND [SC]						
15		7-6-7	13			Medium dense...						
						Boring Terminated at 15'						

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PROJECT: PROPOSED OFFICE COMPLEX
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LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-2** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Brown SAND [SP]						
	X	2-2-1	3			Very loose tan...						
	X	2-2-1	3			Very loose...						
5	X	2-2-2	4			Very loose white and orange...						
	X	1-1-2	3			Very loose...						
	X	3-4-4	8			Loose...						
10	X	4-4-5	9			Loose...						
						Medium dense tan and orange clayey SAND [SC]						
	X	7-8-7	15									
15						Boring Terminated at 15'						

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PROJECT: PROPOSED OFFICE COMPLEX
VICINITY OF US HIGHWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-3** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Brown SAND [SP]						
		1-1-1	2			Very loose tan...						
		1-1-1	2			Very loose...						
5		1-1-1	2			Very loose white and orange...						
		2-2-2	4									
		2-3-3	6			Loose...						
		4-4-6	10			Loose light brown and tan clayey SAND [SC]	22	13	29	8		
10												
		4-6-6	12			Medium dense tan and orange...						
15						Boring Terminated at 15'						

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PROJECT: PROPOSED OFFICE COMPLEX
VICINITY OF US HIGHWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-4** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Very loose brown and light brown SAND [SP]						
		1-2-1	3			Very loose tan...						
		2-1-1	2			Very loose...						
5		1-1-1	2			Very loose...						
		2-3-2	5			Loose tan and orange...						
		2-3-3	6			Loose...						
		3-3-3	6			Loose light brown and orange clayey SAND [SC]						
10												
		9-11-14	25			Medium dense...						
15						Boring Terminated at 15'						

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PROJECT NO.:	28416-005-02
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PROJECT: PROPOSED OFFICE COMPLEX
VICINITY OF US HIGHWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

BORING DESIGNATION: **B-5** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Very loose light brown and brown SAND [SP]						
		1-0-1	1			Very loose tan...						
		1-1-1	2			Very loose...						
5		1-1-1	2			Very loose white and orange...						
		1-2-2	4			Very loose...						
		3-3-3	6			Loose tan and orange clayey SAND [SC]						
10		3-3-2	5									
		8-12-13	25			Medium dense...						
15						Boring Terminated at 15'						

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LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-6** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): 7 to 7.5

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0						Very loose light brown and brown SAND [SP]						
		1-0-1	1			Very loose tan...						
		1-1-1	2			Very loose...						
5		1-1-1	2			Very loose white...						
		2-3-3	6			Loose...	4	2			48	
		5-3-4	7			Loose...						
		4-5-6	11			Medium dense tan and orange clayey SAND [SC]						
10												
		8-10-13	23			Medium dense...						
15						Boring Terminated at 15'						

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BORING DESIGNATION: **B-7** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA DATE STARTED: 11/8/06
WATER TABLE (ft): NE DATE FINISHED: 11/8/06
DATE OF READING: NA DRILLED BY: G. DAVIS
EST. WSWT (ft): 7 to 7.5 TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./DAY)	ORG. CONT. (%)
0						Very loose light brown and brown SAND [SP]						
		1-1-1	2			Very loose tan...						
		1-1-1	2			Very loose...						
5		1-1-1	2			Very loose...	5	1			44	
		2-3-3	6			Loose white...						
		3-4-4	8									
						Medium dense tan and orange clayey SAND [SC]						
10		5-7-6	13									
		7-12-7	19			Medium dense...						
15						Boring Terminated at 15'						

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BORING DESIGNATION: **B-8** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0												
						Loose brown SAND [SP]						
		3-3-3	6			Loose light brown...						
		2-3-3	6			Loose tan...						
		2-2-2	4			Very loose...						
5						Boring Terminated at 5'						

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LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-9** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0												
						Loose brown SAND [SP]						
		3-3-2	5			Loose light brown...						
		3-2-1	3			Very loose tan...						
		2-1-2	3			Very loose...						
5						Boring Terminated at 5'						

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PROJECT NO.:	28416-005-02
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PROJECT: PROPOSED OFFICE COMPLEX
VICINITY OF US HIGHWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING DESIGNATION: **B-10** SHEET: 1 of 1
SECTION: 33 TOWNSHIP: 3S RANGE: 16E

CLIENT: CONCEPT CONSTRUCTION

LOCATION: SEE BORING LOCATION PLAN

REMARKS:

GS ELEVATION(ft): NA
WATER TABLE (ft): NE
DATE OF READING: NA
EST. WSWT (ft): NA

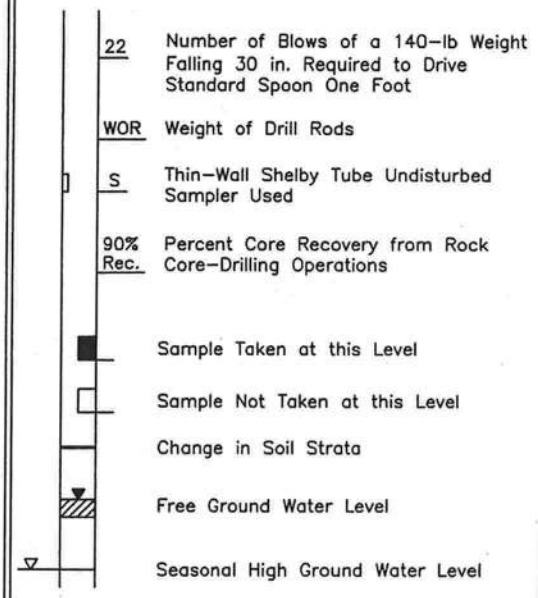
DATE STARTED: 11/8/06
DATE FINISHED: 11/8/06
DRILLED BY: G. DAVIS
TYPE OF SAMPLING: ASTM D-1586

DEPTH (FT.)	SAMPLE	BLOWS PER 6" INCREMENT	N VALUE	W.T.	SYMBOL	DESCRIPTION	-200 (%)	MC (%)	ATTERBERG LIMITS LL	ATTERBERG LIMITS PI	K (FT./ DAY)	ORG. CONT. (%)
0												
						Medium dense brown SAND [SP]						
		4-6-6	12			Medium dense...						
		4-2-3	5			Loose...						
5						Boring Terminated at 5'						

UNIVERSAL
ENGINEERING SCIENCES

KEY TO BORING LOGS

SYMBOLS



RELATIVE DENSITY
(sand-silt)

Very loose – Less Than 4 Blows/Ft.
Loose – 4 to 10 Blows/Ft.
Medium Dense – 10 to 30 Blows/Ft.
Dense – 30 to 50 Blows/Ft.
Very Dense – More Than 50 Blows/Ft.

CONSISTANCY
(clay)

Very Soft – Less Than 2 Blows/Ft.
Soft – 2 to 4 Blows/Ft.
Firm – 4 to 8 Blows/Ft.
Stiff – 8 to 15 Blows/Ft.
Very Stiff – 15 to 30 Blows/Ft.
Hard – More Than 30 Blows/Ft.

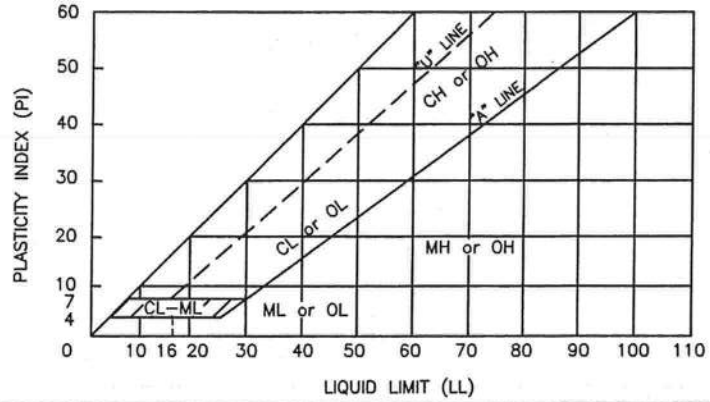
Based on Safety Hammer N–Values

UNIFIED CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE-GRAINED SOILS More than 50% retained on No. 200 sieve*	GRAVELS 50% or more of coarse fraction retained on No. 200 sieve	CLEAN GRAVELS	GW	Well–graded gravels and gravel–sand mixtures, little or no fines
			GP	Poorly graded gravels and gravel–sand mixtures, little or no fines
		GRAVELS WITH FINES	GM	Silty gravels, gravel–sand–silt mixtures
			GC	Clayey gravels, gravel–sand–clay mixtures
	SANDS More than 50% of coarse fraction passes No. 4 sieve	CLEAN SANDS	SW	Well–graded sands and gravelly sands, little or no fines
			SP	Poorly graded sands and gravelly sands, little or no fines
		SANDS WITH FINES	SM	Silty sands, sand–silt mixtures
			SC	Clayey sands, sand–clay mixtures
FINE-GRAINED SOILS 50% or more passes No. 200 sieve*	SILTS AND CLAYS Liquid limit 50% or less		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS Liquid limit greater than 50%		MH	Inorganic silts, micaceous or diatomacaceous fine sands or silts, elastic silts
			CH	Inorganic clays or high plasticity, fat clays
			OH	Organic clays of medium to high plasticity
Highly organic Soils			PT	Peat, muck and other highly organic soils

* Based on the material passing the 3–in. (75mm) sieve.

PLASTICITY CHART



Laboratory Test Procedures

Percent passing No. 200 Sieve

Certain recovered soil samples were selected to determine the percentage of fines. In this test the soil samples were dried and washed over a No. 200 mesh sieve. The percent of soil by weight passing the sieve was the percentage of fines or portion of the sample in the silt and clay size range. These tests were conducted in accordance with ASTM Procedure D-1140, Amount of Material in Soils Finer Than the #200 Sieve.

Moisture Content

Certain recovered soil samples were selected to determine the moisture content. These tests were conducted in accordance with ASTM Procedure D-2216. The soil moisture content was the ratio of the weight of water in the soil mass to the dry weight of the soil mass. Moisture content was measured by drying a sample at 105 degrees Celsius. The moisture content was expressed as a percent of the oven dried soil mass.

Permeability

Representative soil samples were selected to determine the permeability rate of the soil. Constant head tests were performed on selected soil samples. The constant head permeability tests were conducted following the concepts outlined in ASTM D-2434, Standard Test Method for Permeability of Granular Soils (Constant Head).

Field Exploration Procedures

Penetration Borings

Penetration tests were performed in accordance with ASTM Procedure D-1586, Penetration Test and Split-Barrel Sampling of Soils. This test procedure generally involved driving a 1.4-inch I.D. split-tube sampler into the soil profile in six inch increments for a minimum distance of 18 inches using a 140-pound hammer free-falling 30 inches. The total number of blows required to drive the sampler the second and third 6-inch increments was designated as the N-value, and provides an indication of in-place soil strength, density, and consistency.

Important Information About Your

Geotechnical Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

The following information is provided to help you manage your risks.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you* — should apply the report for any purpose or project except the one originally contemplated.

Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,
- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are *Not* Final

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final,* because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual

subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

A Geotechnical Engineering Report Is Subject to Misinterpretation

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Contractors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time* to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The equipment, techniques, and personnel used to perform a *geoenvironmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else.*

Obtain Professional Assistance To Deal with Mold

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the *express purpose* of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, a number of mold prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical engineering study whose findings are conveyed in-this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; ***none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.***

Rely, on Your ASFE-Member Geotechncial Engineer for Additional Assistance

Membership in ASFE/The Best People on Earth exposes geotechnical engineers to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a construction project. Confer with you ASFE-member geotechnical engineer for more information.

ASFE
The Best People on Earth

8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

IIGER06045.0M

CONSTRAINTS AND RESTRICTIONS

WARRANTY

Universal Engineering Sciences has prepared this report for our client for his exclusive use, in accordance with generally accepted soil and foundation engineering practices and makes no other warranty either expressed or implied as to the professional advice provided in the report.

UNANTICIPATED SOIL CONDITIONS

The analysis and recommendations submitted in this report are based upon the data obtained from soil borings performed at the locations indicated on the Boring Location Plan. This report does not reflect any variation which may occur between these borings.

The nature and extent of variations between borings may not become known until excavation begins. If variations appear, we may have to re-evaluate our recommendations after performing on-site observations and noting the characteristics of any variations.

CHANGED CONDITIONS

We recommend that the specifications for the project require that the contractor immediately notify Universal Engineering Sciences, as well as the owner, when subsurface conditions are encountered that are different from those present in this report.

No claim by the contractor for any conditions differing from those anticipated in the plans, specifications, and those found in this report, should be allowed unless the contractor notifies the owner and Universal Engineering Sciences of such changed conditions. Further, we recommend that all foundation work and site improvements be observed by a representative of Universal Engineering Sciences to monitor field conditions and changes, to verify design assumptions and to evaluate and recommend any appropriate modifications to this report.

MISINTERPRETATION OF SOIL ENGINEERING REPORT

Universal Engineering Sciences is responsible for the conclusions and opinions contained within this report based upon the data relating only to the specific project and location discussed herein. If the conclusions or recommendations based upon the data presented are made by others, those conclusions or recommendations are not the responsibility of Universal Engineering Sciences.

CHANGED STRUCTURE OR LOCATION

This report was prepared in order to aid in the evaluation of this project and to assist the architect or engineer in the design of this project. If any changes in the design or location of the structure as outlined in this report are planned, or if any structures are included or added that are not discussed in the report, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and the conclusion modified or approved by Universal Engineering Sciences.

USE OF REPORT BY BIDDERS

Bidders who are examining the report prior to submission of a bid are cautioned that this report was prepared as an aid to the designers of the project and it may affect actual construction operations.

Bidders are urged to make their own soil borings, test pits, test caissons or other investigations to determine those conditions that may affect construction operations. Universal Engineering Sciences cannot be responsible for any interpretations made from this report or the attached boring logs with regard to their adequacy in reflecting subsurface conditions which will affect construction operations.

STRATA CHANGES

Strata changes are indicated by a definite line on the boring logs which accompany this report. However, the actual change in the ground may be more gradual. Where changes occur between soil samples, the location of the change must necessarily be estimated using all available information and may not be shown at the exact depth.

OBSERVATIONS DURING DRILLING

Attempts are made to detect and/or identify occurrences during drilling and sampling, such as: water level, boulders, zones of lost circulation, relative ease or resistance to drilling progress, unusual sample recovery, variation of driving resistance, obstructions, etc.; however, lack of mention does not preclude their presence.

WATER LEVELS

Water level readings have been made in the drill holes during drilling and they indicate normally occurring conditions. Water levels may not have been stabilized at the last readings. This data has been reviewed and interpretations made in this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, temperature, tides, and other factors not evident at the time measurements were made and reported. Since the probability of such variations is anticipated, design drawings and specifications should accommodate such possibilities and construction planning should be based upon such assumptions of variations.

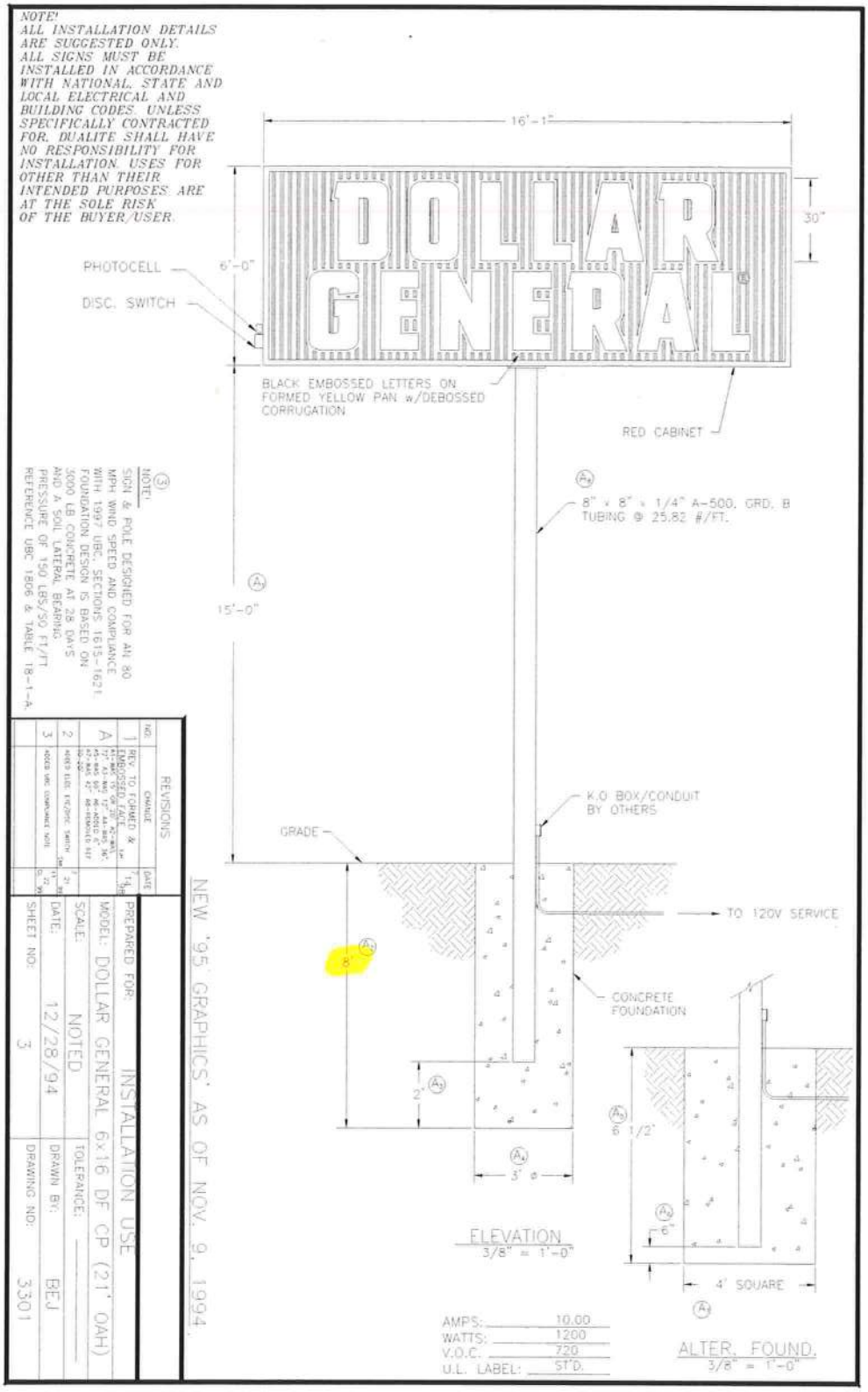
LOCATION OF BURIED OBJECTS

All users of this report are cautioned that there was no requirements for Universal Engineering Sciences to attempt to locate any man-made buried objects during the course of this exploration and that no attempt was made by Universal Engineering Sciences to locate any such buried objects. Universal Engineering Sciences cannot be responsible for any buried man-made objects which are subsequently encountered during construction that are not discussed within the text of this report.

TIME

This report reflects the soil conditions at the time of investigation. If the report is not used in a reasonable amount of time, significant changes to the site may occur and additional reviews may be required.

Addendum #2 Site Sign



05 feb 2K9
MZ7005

Memorandum

Project: Dollar General – US 90
Lake City, Florida

Re: Addendum # 1
Addendum to Building Official

1. The wall separating the receiving room & sales are shall be a 2 hr fire wall as will any opening in such wall.
2. An exterior disconnect shall be install by certified electrician.
3. Any floor drains shall be required to have a trap primer
4. The foundation plan shall be amended to exclude fiber mesh reinforcing.

Cordially,

Nicholas Paul Geisler
Architect
AR0007005
05 Feb 2019

DOLLAR GENERAL® *with 95 LOGO COPY STYLE*

SIGN WEIGHT: 685 lbs.
AMPS: 5.0 (ELECTRONIC)

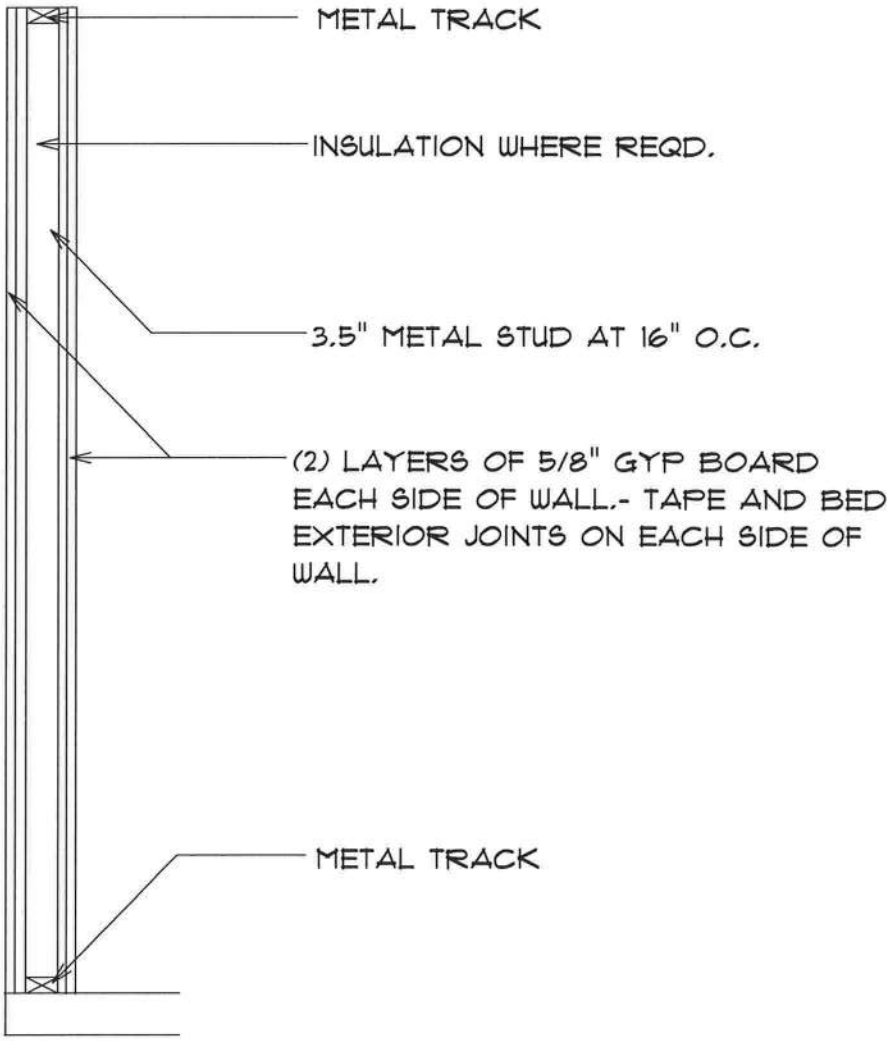
LETTER LAYOUT for 3 FEET 9 INCHES x 26 FEET 0 INCH SIGNS · SOLAR GRADE LEXAN · PAN FORMED & EMBOSSED

- SCALE: 1/4 INCH = 1 FOOT
- **CABINET: 3 FEET 9 INCHES x 26 FEET 0 INCH**
- **TRIM SIZE:** 3 FEET 8 3/4 INCHES x 25 FEET 11 3/4 INCHES
- **V.O.:** 3 FEET 5 3/4 INCHES x 25 FEET 8 3/4 INCHES
- **SIGN FACE:** SOLAR GRADE LEXAN with EMBOSSED COPY and FORMED RIBS
- **2 COLORS:** BLACK and LACRYL# 814 YELLOW
- LACRYL #814 YELLOW BACKGROUND and RETURNS with BLACK LOGO COPY
- **NOTE:** MUST be COOL WHITE LAMPS
- **NOTE:** 15° DRAFT and FLANGE/ RETURN AREA 3 FEET 5 3/16 INCHES x 25 FEET 8 3/16 INCHES
- **MOLDING:** 1 5/8 INCH G-MOLDING (EX-249) PAINTED DOLLAR GENERAL RED

The subject building has been by designed Liberty Building Systems to support the associated loads for the specified sign.

3

05 Feb 2019
#127605



DOLLAR GENERAL

2 HR FIRE RATED WALL SECTION

Nicholas Paul Geisler

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 WITH 2005 & 2006 Supplements

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FBC FIGURE 1609 STATE OF FLORIDA WIND-BORNE DEBRIS REGION & BASIC WIND SPEED MAP

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS:

All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void.
If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, Florida Statutes, Part I, or engineering as provided for in Chapter 471, Florida Statutes, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by Florida Statute.

✓ **Two (2) complete sets of plans containing the following information**:

Building

1. Site requirements:
   - ✓ Parking
   - ✓ Fire access
   - ✓ Vehicle loading
   - ✓ Driving/turning radius
   - ✓ Fire hydrant/water supply/post indicator valve (PIV)
   - ✓ Set back/separation (assumed property lines)
   - ✓ Location of specific tanks, water lines and sewer lines
   - ✓ All exterior elevations views
   - ✓ Total height of structure form established grade

2. Occupancy group use and special occupancy requirements.

3. Minimum type of permitted construction by code for occupancy use.

4. Fire-resistant construction requirements shall be shown, include the following components:
   - ✓ Fire-resistant separations
   - ✓ Fire-resistant protection for type of construction
   - ✓ Protection of openings and penetrations of rated walls
   - ✓ Fire blocking and draftstopping and calculated fire resistance

5. Fire suppression systems shall be shown include: w/ H
   - o Early warning smoke evacuation systems Schematic fire sprinklers
   - o Standpipes
   - o Pre-engineered systems
   - o Riser diagram

6. Life safety systems shall be shown include the following requirements:
    - Occupant load and egress capacities
    - Early warning
    - Smoke control
    - Stair pressurization
    - Systems schematic

7. Occupancy load/egress requirements shall be shown include:
    - Occupancy load
    - Gross
    - Net
    - Means of egress
    - Exit access
    - Exit
    - Exit discharge
    - Stairs construction/geometry and protection
    - Doors
    - Emergency lighting and exit signs
    - Specific occupancy requirements
    - Construction requirements
    - Horizontal exits/exit passageways

8. Structural requirements shall be shown include:
    - Soil conditions/analysis
    - Termite protection
    - Design loads
    - Wind requirements
    - Building envelope
    - Structural calculations (if required)
    - Foundation
    - Wall systems
    - Floor systems
    - Roof systems
    - Threshold inspection plan
    - Stair systems

9. Materials shall be shown include the following:
    - Wood
    - Steel
    - Aluminum
    - Concrete
    - Plastic
    - Glass
    - Masonry
    - Gypsum board and plaster
    - Insulating (mechanical)
    - Roofing
    - Insulation

10. Accessibility requirements shall be shown include the following:
    - Site requirements
    - Accessible route
    - Vertical accessibility
    - Toilet and bathing facilities
    - Drinking fountains
    - Equipment
    - Special occupancy requirements

- ✓ Fair housing requirements

11. Interior requirements shall include the following:
    - ✓ Interior finishes (flame spread/smoke development)
    - ✓ Light and ventilation
    - ✓ Sanitation

12. Special systems:
    - Elevators N/A
    - Escalators
    - Lifts

13. Swimming pools:
    - Barrier requirements N/A
    - Spas
    - Wading pools

14. Electrical:
    - ✓ Wiring
    - ✓ Services
    - ✓ Feeders and branch circuits
    - ✓ Overcurrent protection
    - ✓ Grounding
    - ✓ Wiring methods and materials
    - ✓ GFCIs
    - ✓ Equipment
    - ✓ Special occupancies
    - ✓ Emergency systems
    - ✓ Communication systems
    - ✓ Low voltage
    - ✓ Load calculations

15. Plumbing
    - ✓ Minimum plumbing facilities
    - ✓ Fixture requirements
    - ✓ Water supply piping
    - ✓ Sanitary drainage
    - ✓ Water heaters
    - ✓ Vents
    - ✓ Roof drainage
    - ✓ Back flow prevention
    - ✓ Irrigation
    - ✓ Location of water supply line
    - ✓ Grease traps
    - ✓ Environmental requirements
    - ✓ Plumbing riser

16. Mechanical
    - ✓ Energy calculations
    - Exhaust systems:
        - Clothes dryer exhaust N/A
        - Kitchen equipment exhaust
        - Specialty exhaust systems
    - Equipment:
    - ✓ Equipment location:
        - ✓ Make-up air
        - ✓ Roof-mounted equipment
        - ✓ Duct systems

- Ventilation
- Combustion air
- Chimneys, fireplaces and vents
- Appliances
- Boilers
- Refrigeration
- Bathroom ventilation
- Laboratory

17. Gas

- Gas piping
- Venting
- Combustion air
- Chimneys and vents
- Appliances
- Type of gas
- Fireplaces
- LP tank location
- Riser diagram/shutoffs

- **Notice Of Commencement:**

A Recorded (in the Columbia County Clerk Office) **Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done**

- **Disclosure Statement for Owner Builders**
- Private Potable Water:
  - Size of pump motor
  - Size of pressure tank
  - Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

- **1.Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects.

- **2. Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required.
  A copy of property deed is also requested. (386) 758-1084

- **3.Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required (386)758-1058

- **4.City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.

- **5.<u>Flood Information:</u>** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established shall meet the requirements of section 8.7 of the Columbia County Land Development Regulations. **<u>CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.</u>**
  A development permit will also be required. **The development permit cost is $10.00**

- **6.<u>Driveway Connection:</u>** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($5.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications**. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

- **7.<u>Suwannee River Water Management District Approval:</u>** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

PRODUCT APPROVAL SPECIFICATION SHEET

Location: US 90 Lake City **Project Name:** DOLLAR GENERAL-90

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	DOMINION	3°7° & 6°7°	FL 10028 & 10294
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic	Stanley	Pura Glide 2000 Series	05.0901.14
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	LIBERT	LIBERTY ROOF	FL8848
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # **(FOR STAFF USE ONLY)**

Website: www.tlcpermits.org

Effective April 1, 2004

R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197 Facsimile 813.659.4858

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.:	FS 04-0330.01
Date:	April 5, 2004
Product Category:	Exterior Doors
Product sub-category:	Swinging
Product Name:	Advantage 3'0 x 7'0 Out-swing Single Door
Manufacturer:	Dominion Building Products 6949 Fairbanks N. Houston Houston, TX 7040 Phone: 713.466.6790

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Dominion Building Products based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Florida Building Code (2001 Edition) and where pressure requirements, as determined by Chapter 16 of The Florida Building Code, do not exceed the following design pressures:

Design Pressure Rating:

Maximum Design Pressure Rating Positive 55.0 PSF Negative 55.0 PSF
(See Limitations for size restrictions)

See Drawing No.: FL 198 dated March 25, 2004, prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.

Wendell W. Haney, P.E.
FL No. 54158
May 5, 2004

Limitations

1. The Advantage Steel Door and Steel Frame System for Metal Buildings, Outswing 3'0 x 7'0 Single Door has been evaluated and meets the requirements for use within the State of Florida excluding the "High Velocity Hurricane Zone".

2. When used in wind-borne debris regions, this product complies with Section 1606.1.4, as an impact resistant product and does not require protection from an impact resistant covering.

3. Size Limitations:

Configurations		MAX. Nominal Width	MAX. Nominal Height
Single	X	3'0"	7'0"

4. The Design Pressure Rating for the various size units are as follows:

Configurations		Size	Positive PSF	Negative PSF
Single	X	3'0 x 7'0	+ 55.0 PSF	- 55.0 PSF

Supporting Documents

A Drawing

1. Drawing No. FL-198 titled Pre-Assembled Metal Door for Metal Buildings sheets 1 through 3 of 3 prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), dated March 25, 2004, with no revisions, signed and sealed by Wendell W. Haney, P.E.

B Test

1. Testing per ASTM E330-02 & FBC TAS 202 as performed by Hurricane Engineering & Testing Inc. and reported in test report number HETI-03-1287, dated January 23, 2003, signed by Rafael E. Droz-Seda, P.E. & Resident Engineer.

2. Testing per ASTM E1886 & ASTM E1996 as performed by Hurricane Engineering & Testing Inc. and reported in test report number HETI-03-1288, dated January 23, 2003, signed by Rafael E. Droz-Seda, P.E. & Resident Engineer.

3. Testing per ASTM E8-01 el. as performed by Hurricane Engineering & Testing Inc. and reported in test report number HETI-03-T021, dated January 16, 2003, signed by Rafael E. Droz-Seda, P.E. & Resident Engineer.

C Calculations

1. Anchor analysis for loading conditions, prepared, signed and sealed by Wendell W. Haney, P.E.

D Other

1. Certificate of Participation issued by National Accreditation & Management Institute, Inc., certifying that Dominion Building Products is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.
   Dominion Building Products ID # D-587-1

MIAMI-DADE COUNTY

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Stanley Access Technologies
65 Scott Swamp Road
Farmington, CT 06032

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

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This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Dura-Glide 2000, 3000" Aluminum Automatic Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **05-SAT-0025**, titled "Dura-Glide Series 2000 and 3000 Automatic Sliding Glass Doors (Bi-Part, Non-Reinforced, Non-Impact)", sheet 1 of 1, dated 10/13/98, revised on 08/20/05, prepared by Frank Bennardo, P.E., Inc., signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and supersedes NOA # 01-0718.01** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No 05-0901.14
Expiration Date: December 04, 2006
Approval Date: February 02, 2006

Stanley Access Technologies

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **05-SAT-0025**, Sheet 1 of 1, titled "Dura-Glide Series 2000 and 3000 Automatic Sliding Glass Doors (Bi-Part, Non-Reinforced, Non-Impact)", sheet 1 of 1, dated 10/13/98, revised on 08/20/05, prepared by Frank Bennardo, P.E., Inc., signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

   along with marked-up drawings and installation diagram of Series 3000 Aluminum Automatic Storefront Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1179, dated 05/16/95 and re-issued on 11/2/95, signed and sealed by Yamil Kuri, P.E.

C. CALCULATIONS

1. Revised Anchor Calculations, complying with FBC-2004, prepared by Frank L. Bennardo, P.E. Consulting Engineer, dated 08/30/05, signed and sealed by Frank L. Bennardo, P.E.
   Complies with ASTM E1300-98

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated August 23, 2005, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. Notice of Acceptance No. **01-0718.01**, issued to Stanley Access Technologies, for their Dura-Glide 2000, 3000 Automatic Sliding Glass Door, approved on 01/03/02 and expiring on 12/04/06.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0901.14
Expiration Date: December 04, 2006
Approval Date: February 02, 2006

DURA-GLIDE 2000/3000

NON-REINFORCED BI-PART AUTOMATIC SLIDING GLASS DOOR
NON-IMPACT RESISTANT

FRANK L. BENNARDO, P.E.
PE0046549
01/13/2006

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 NORTH DIXIE HIGHWAY
BOCA RATON, FL 33431
(561) 391-2888 FAX: (561) 391-2862
WWW.FLBENGINEERING.COM
CERTIFICATE OF AUTHORIZATION: #9885

STANLEY
ACCESS TECHNOLOGIES
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

DURA-GLIDE SERIES 2000 & 3000
AUTOMATIC SLIDING GLASS DOORS
(BI-PART, NON-REINFORCED, NON-IMPACT)

ANCHOR TYPE

IN CONCRETE: Ø1/4" CONCRETE SCREW (PERMASEAL TAPPER) EMBEDDED 1 1/2" MIN.

IN STEEL: 1/4-20 SMS SAE GRADE 5 OR BETTER (NOTE 3/16" STEEL MIN.)

IN WOOD: #14 WOOD SCREW EMBEDDED 1 1/2" MIN.

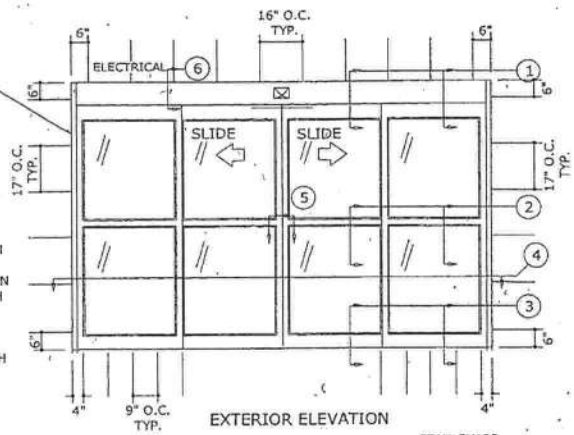
(NOTE: MINIMUM 2X4 WOODBUCK FOR WOOD SCREWS)

ANCHOR SPACING

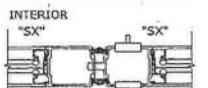
SILL: DOUBLE ROW, 4" FROM EACH CORNER WITH THE REMAINING SPACED AT 9" O.C. THRU THRESHOLD UNDER FIXED LITES ONLY, AS SHOWN ON ELEV. (SILL ALT. 4" FROM EACH CORNER WITH THE REMAINING SPACED @ 18 1/8" O.C. UNDER ALL LITES NOT SHOWN ON ELEV.)

HEAD: SINGLE ROW, 6" FROM EACH CORNER WITH REMAINDER SPACED AT 16" O.C.

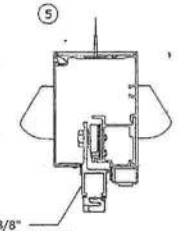
JAMBS: SINGLE ROW, 6" FROM EACH CORNER WITH REMAINDER SPACED AT 17" O.C.

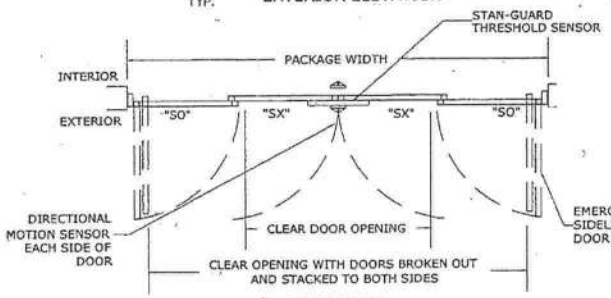


EXTERIOR ELEVATION

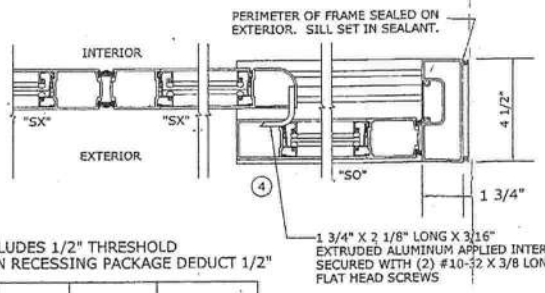


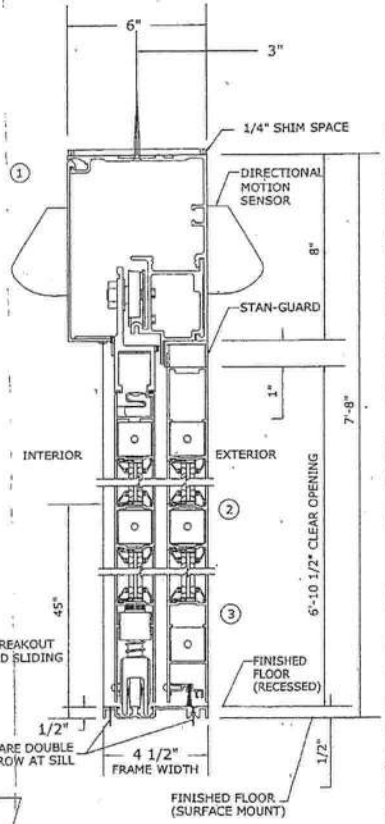
ADAMS RITE 1853A
3-PLY THROW BOLT
KEY OPERATED ON EXTERIOR
THUMB TURN ON INTERIOR





PLAN VIEW





POSITIVE DESIGN PRESSURE	+45.9 PSF
NEGATIVE DESIGN PRESSURE	-45.9 PSF

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED & DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE - HIGH VELOCITY HURRICANE ZONE (HVHZ) - AND MIAMI-DADE PROTOCOLS TAS 202 AS A NON-IMPACT RESISTANT SYSTEM.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE & NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. WHERE SITE CONDITIONS DIFFER FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND ADDITIONAL IMPOSED LOADS. WOOD BUCKS NOT BY THIS PRODUCT MANUFACTURER SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE HOST STRUCTURE.
6. THE PRODUCT DETAILED HEREIN HAS BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS & LOADS SHOWN ON THESE DRAWINGS. REFERENCE FTL TEST REPORT #1179.
7. ALL ALUMINUM PARTS ARE 6063-T5 OR 6063-T6 ALUMINUM.
8. GLAZING: 1/4" TEMPERED GLASS.
9. ALL UNITS SHALL BE INSTALLED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS FOR ALL INSTALLATIONS.
10. CORNER PANEL CONSTRUCTION: PANEL CORNERS ARE BUTT JOINTED, SECURED W/ (4) FULL-WIDTH 5/16" THREADED TIE RODS AT TOP RAIL, INTERMEDIATE HORIZONTAL MUNTIN BAR AND BOTTOM RAIL.
11. GLAZING MATERIAL IN BOTH FIXED & SLIDING PANELS OF ALL SLIDING DOORS SHALL COMPLY WITH THE REQUIREMENTS IN THE PERFORMANCE SPECIFICATIONS & METHODS OF TEST FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS.
12. ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, SPACED AS NOTED HEREIN. ANCHOR EMBEDMENT TO BASE MATERIAL DOES NOT INCLUDE WALL DRESSING OR STUCCO.
13. ALL BOLTS & WASHERS SHALL BE ZINC COATED, GALVANIZED, OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI, EXCEPT INSTALLATION ANCHORS.
14. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR COATED.

PACKAGE HEIGHT INFORMATION FOR SURFACE APPLICATIONS

PKG HT WITHOUT TRANSOM	MASONRY OPG WITHOUT TRANSOM	CAULKING ALLOWANCE	ACTUAL CLEAR OPG UNDER HEADER
7'-8"	*7'-8 1/4"	1/4"	6'-10 1/2"

*INCLUDES 1/2" THRESHOLD
WHEN RECESSING PACKAGE DEDUCT 1/2"

PACKAGE WIDTH INFORMATION

DOOR PKG	PKG WIDTH	SLIDING DOOR OPENING	(SX) DOOR WIDTH	(SO) DOOR WIDTH	DOOR TRAVEL	MASONRY OPENING	CAULKING ALLOWANCE
9-3372	14'-0"	72"	42 5/16"	42 5/16"	36"	14'-1/2"	1/4" / SIDE

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0901.14
Expiration Date: DEC. 4, 2006
By: Miami-Dade Product Control Division

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	-	-	10/13/98
2004 FBC	AML	FLB	03/24/05
COUNTY COMMENTS	AML	FLB	03/29/05
-	-	-	-
-	-	-	-
-	-	-	-

05-SAT-0025
PAGE SCALE: -
DESCRIPTION:
STANLEY DWG #9

1 | 1

F:\01 Project Files\Stanley (SAT)\2005 Jobs\05-SAT-0025 Dura Glide 2-3000, Non-Reinf, Non-Impact (HOA)\05-SAT-0025_01c Dura Glide pg 9.dwg
clangley
01/13/2006 - 1:14pm

MIAMI-DADE COUNTY

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Stanley Access Technologies
65 Scott Swamp Road
Farmington, CT 06032

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

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This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Dura-Glide 2000, 3000" Aluminum Automatic Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **05-SAT-0025**, titled "Dura-Glide Series 2000 and 3000 Automatic Sliding Glass Doors (Bi-Part, Non-Reinforced, Non-Impact)", sheet 1 of 1, dated 10/13/98, revised on 08/20/05, prepared by Frank Bennardo, P.E., Inc., signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and supersedes NOA # 01-0718.01** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

NOA No 05-0901.14
Expiration Date: December 04, 2006
Approval Date: February 02, 2006

Stanley Access Technologies

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
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1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

   along with marked-up drawings and installation diagram of Series 3000 Aluminum Automatic Storefront Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1179, dated 05/16/95 and re-issued on 11/2/95, signed and sealed by Yamil Kuri, P.E.

C. CALCULATIONS

1. Revised Anchor Calculations, complying with FBC-2004, prepared by Frank L. Bennardo, P.E. Consulting Engineer, dated 08/30/05, signed and sealed by Frank L. Bennardo, P.E.
   Complies with ASTM E1300-98

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated August 23, 2005, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. Notice of Acceptance No. **01-0718.01**, issued to Stanley Access Technologies, for their Dura-Glide 2000, 3000 Automatic Sliding Glass Door, approved on 01/03/02 and expiring on 12/04/06.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0901.14
Expiration Date: December 04, 2006
Approval Date: February 02, 2006

DURA-GLIDE 2000/3000

NON-REINFORCED BI-PART AUTOMATIC SLIDING GLASS DOOR
NON-IMPACT RESISTANT

ANCHOR TYPE

IN CONCRETE: Ø1/4" CONCRETE SCREW (PERMASEAL TAPPER) EMBEDDED 1 1/2" MIN.

IN STEEL: 1/4-20 SMS SAE GRADE 5 OR BETTER (NOTE 3/16" STEEL MIN.)

IN WOOD: #14 WOOD SCREW EMBEDDED 1 1/2" MIN.

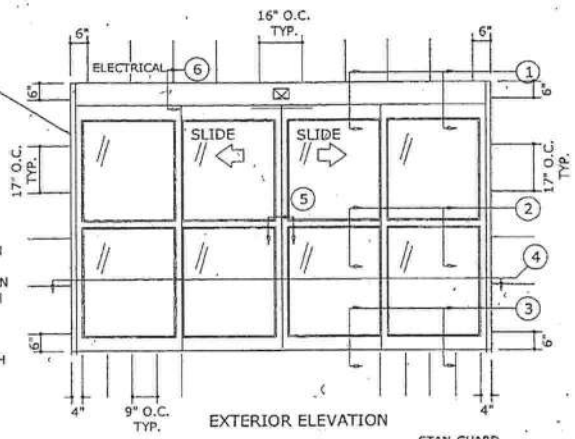
(NOTE: MINIMUM 2X4 WOODBUCK FOR WOOD SCREWS)

ANCHOR SPACING

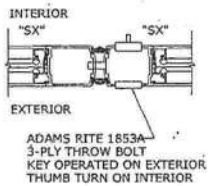
SILL: DOUBLE ROW, 4" FROM EACH CORNER WITH THE REMAINING SPACED AT 9" O.C. THRU THRESHOLD UNDER FIXED LITES ONLY, AS SHOWN ON ELEV. (SILL ALT. 4" FROM EACH CORNER WITH THE REMAINING SPACED @ 18 1/8" O.C. UNDER ALL LITES NOT SHOWN ON ELEV.)

HEAD: SINGLE ROW, 6" FROM EACH CORNER WITH REMAINDER SPACED AT 16" O.C.

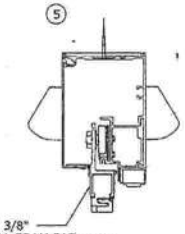
JAMBS: SINGLE ROW, 6" FROM EACH CORNER WITH REMAINDER SPACED AT 17" O.C.

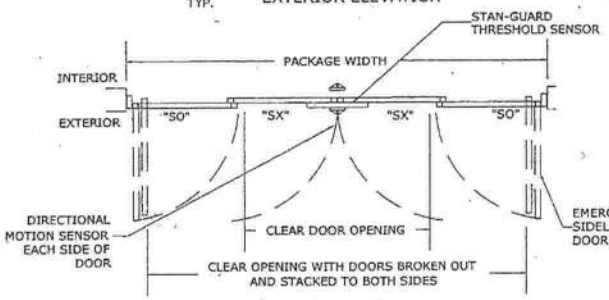


EXTERIOR ELEVATION

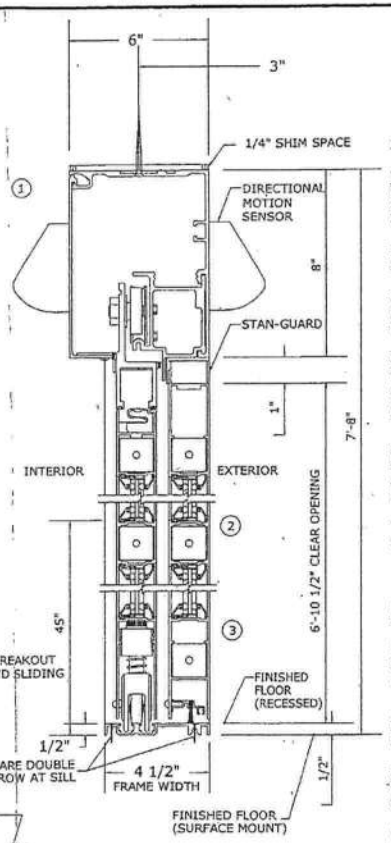


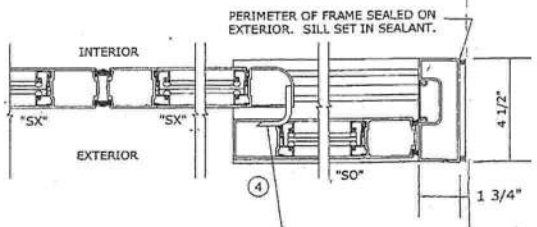
ADAMS RITE 1853A
3-PLY THROW BOLT
KEY OPERATED ON EXTERIOR
THUMB TURN ON INTERIOR





PLAN VIEW





POSITIVE DESIGN PRESSURE	+45.9 PSF
NEGATIVE DESIGN PRESSURE	-45.9 PSF

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED & DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE - HIGH VELOCITY HURRICANE ZONE (HVHZ) - AND MIAMI-DADE PROTOCOLS TAS 202 AS A NON-IMPACT RESISTANT SYSTEM.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE & NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. WHERE SITE CONDITIONS DIFFER FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND ADDITIONAL IMPOSED LOADS. WOOD BUCKS NOT BY THIS PRODUCT MANUFACTURER SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE HOST STRUCTURE.
6. THE PRODUCT DETAILED HEREIN HAS BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS & LOADS SHOWN ON THESE DRAWINGS. REFERENCE FTL TEST REPORT #1179.
7. ALL ALUMINUM PARTS ARE 6063-T5 OR 6063-T6 ALUMINUM.
8. GLAZING: 1/4" TEMPERED GLASS.
9. ALL UNITS SHALL BE INSTALLED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS FOR ALL INSTALLATIONS.
10. CORNER PANEL CONSTRUCTION:.PANEL CORNERS ARE BUTT JOINTED, SECURED W/ (4) FULL-WIDTH 5/16" THREADED TIE RODS AT TOP RAIL, INTERMEDIATE HORIZONTAL MUNTIN BAR AND BOTTOM RAIL.
11. GLAZING MATERIAL IN BOTH FIXED & SLIDING PANELS OF ALL SLIDING DOORS SHALL COMPLY WITH THE REQUIREMENTS IN THE PERFORMANCE SPECIFICATIONS & METHODS OF TEST FOR SAFETY GLAZING MATERIALS USED IN BUILDINGS.
12. ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, SPACED AS NOTED HEREIN. ANCHOR EMBEDMENT TO BASE MATERIAL DOES NOT INCLUDE WALL DRESSING OR STUCCO.
13. ALL BOLTS & WASHERS SHALL BE ZINC COATED, GALVANIZED, OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI, EXCEPT INSTALLATION ANCHORS.
14. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR COATED.

PACKAGE HEIGHT INFORMATION FOR SURFACE APPLICATIONS

PKG HT WITHOUT TRANSOM	MASONRY OPG WITHOUT TRANSOM	CAULKING ALLOWANCE	ACTUAL CLEAR OPG UNDER HEADER
7'-8"	*7'-8 1/4"	1/4"	6'-10 1/2"

*INCLUDES 1/2" THRESHOLD WHEN RECESSING PACKAGE DEDUCT 1/2"

PACKAGE WIDTH INFORMATION

DOOR PKG	PKG WIDTH	SLIDING DOOR OPENING	(SX) DOOR WIDTH	(SO) DOOR WIDTH	DOOR TRAVEL	MASONRY OPENING	CAULKING ALLOWANCE
9-3372	14'-0"	72"	42 5/16"	42 5/16"	36"	14'-1/2"	1/4" / SIDE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0901.14
Expiration Date Dec. 4, 2006
By Miami-Dade Product Control Division

FRANK L. BENNARDO, P.E.
PE0046549
01/13/2006

FRANK L. BENNARDO, P.E., INC.
CONSULTING ENGINEERS
4441 NORTH DIXIE HIGHWAY
BOCA RATON, FL 33431
(561) 391-2668 FAX: (561) 391-2662
WWW.FLBENGINEERING.COM
CERTIFICATE OF AUTHORIZATION: #9885

STANLEY
ACCESS TECHNOLOGIES
65 SCOTT SWAMP ROAD
FARMINGTON, CT 06032

DURA-GLIDE SERIES 2000 & 3000
AUTOMATIC SLIDING GLASS DOORS
(BI-PART, NON-REINFORCED, NON-IMPACT)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	-	-	10/13/98
2004 FBC	AML	FLB	02/24/05
COUNTY COMMENTS	AML	FLB	03/29/05

05-SAT-0025

PAGE SCALE: -
DESCRIPTION:
STANLEY DWG #9

1 | 1

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 33-3S-16-02436-000 **Building permit No.** 000027630

Use Classification DOLLAR GENERAL **Fire:** 1241.24

Permit Holder CONCEPT CONSTRUCTION **Waste:** 0.00

Owner of Building CRAWFORD DEVELOPMENT GROUP **Total:** 1241.24

Location: 5087 W US HWY 90, LAKE CITY, FL 32055

Date: 06/12/2009

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Liberty Buildings

3200 Players Club Circle
Memphis, TN 38125-8843

STRUCTURAL DESIGN DATA

Project: Dollar General Opt D
Name: 029581-DG-Opt D
Builder PO #: 29581
Jobsite: TBD

City, State: Lake City, Florida 32055
County: Columbia
Country: United States

Designer: Ryan Killgore

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Secondary - Summary Report 21
Framing - Summary Report 30
Covering - Summary Report 69

02/05/09

R. M. SLOCUM
FLORIDA PE #50564

Seismic Load
N/A

Side	Type	Mag	Units	Shape	Applied to	Description
1	E	0.119	psf	Entire	Frm	Seismic: Covering Weight - 26 Liberty Rib II + Secondary Weight 0.88 : Wall: 1
1	E	0.096	psf	Entire	Brc	Seismic: Covering Weight - 26 Liberty Rib II + Secondary Weight 0.88 : Wall: 1
2	E	0.115	psf	Entire	Frm	Seismic: Covering Weight - 26 Liberty Rib II + Liner Weight - No Weight Liberty Rib II + Secondary Weight 0.80 : Wall: 2
2	E	0.092	psf	Entire	Brc	Seismic: Covering Weight - 26 Liberty Rib II + Liner Weight - No Weight Liberty Rib II + Secondary Weight 0.80 : Wall: 2
3	E	0.119	psf	Entire	Frm	Seismic: Covering Weight - 26 Liberty Rib II + Liner Weight - No Weight Liberty Rib II + Secondary Weight 0.88 : Wall: 3
3	E	0.096	psf	Entire	Brc	Seismic: Covering Weight - 26 Liberty Rib II + Liner Weight - No Weight Liberty Rib II + Secondary Weight 0.88 : Wall: 3
4	E	0.096	psf	Entire	Frm	Seismic: Covering Weight - 26 Liberty Rib II + Secondary Weight 0.51 : Wall: 4
4	E	0.076	psf	Entire	Brc	Seismic: Covering Weight - 26 Liberty Rib II + Secondary Weight 0.51 : Wall: 4
4	E	0.153	psf	Entire	Grt	Seismic: Covering Weight - 26 Liberty Rib II + Secondary Weight 0.51 : Wall: 4
4	E	0.072	psf	Rect	Frm	Seismic: Covering - Unable to Find (weight assumed) : Wall: 4
4	E	0.057	psf	Rect	Brc	Seismic: Covering - Unable to Find (weight assumed) : Wall: 4
4	E	0.115	psf	Rect	Grt	Seismic: Covering - Unable to Find (weight assumed) : Wall: 4
A	E	0.505	psf	Entire	Frm	Seismic: Covering Weight - 24 Liberty Loc + Secondary Weight 1.07 + (Includes 3.000 Collateral 2.500 Frame Weight) : Roof: A
A	E	0.404	psf	Entire	Brc	Seismic: Covering Weight - 24 Liberty Loc + Secondary Weight 1.07 + (Includes 3.000 Collateral 2.500 Frame Weight) : Roof: A

Deflection Conditions
Frames are vertically supporting:Metal Roof Purlins and Panels
Frames are laterally supporting:Reinforced Masonry Wall
Purlins are supporting:Metal Roof Panels
Girts are supporting:Reinforced Masonry Wall

Liberty Buildings assumes that the Customer has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2

Design Load Combinations - Roof - Panel

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 L	D + L
2	System	1.000	1.0 D + 1.0 W1>	D + W1>
3	System	1.000	1.0 D + 1.0 <W2	D + <W2
4	System	1.000	0.600 D + 1.0 W1>	D + W1>
5	System	1.000	0.600 D + 1.0 <W2	D + <W2

Design Load Combinations - Wall - Panel

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 W1>	W1>
2	System	1.000	1.0 <W2	<W2

Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Deflection Load Combinations - Purlin

No.	Origin	Factor	Deflection	Application	Description
1	System	1.000	150	1.0 L	L

Deflection Load Combinations - Girt

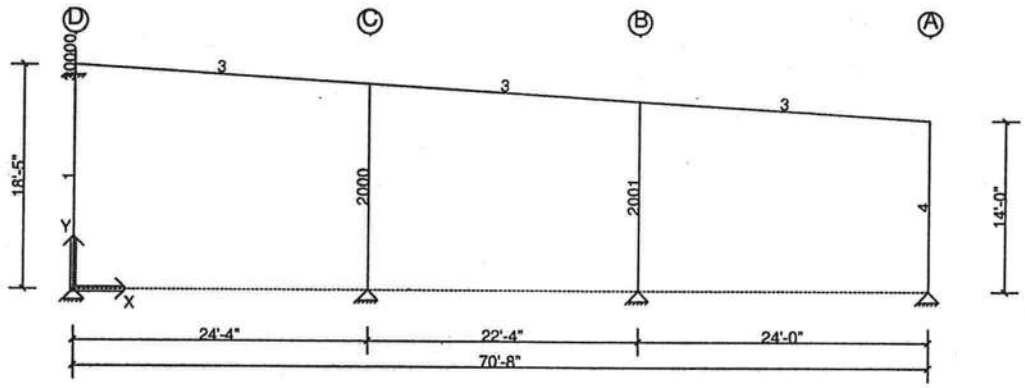
No.	Origin	Factor	Deflection	Application	Description
1	System	1.000	240	0.700 W1>	W1>
2	System	1.000	240	0.700 <W2	<W2

Load Type Descriptions

D	Material Dead Weight	C	Collateral Load
CG	Collateral Load for Gravity Cases	CU	Collateral Load for Wind Cases
L	Live Load	ASL^	Alternate Span Live Load, Shifted Right
^ASL	Alternate Span Live Load, Shifted Left	PL2	Partial Live, Full, 2 Spans
L>	Live - Notional Right	<L	Live - Notional Left
S	Snow Load	US1*	Unbalanced Snow Load 1, Shifted Right
*US1	Unbalanced Snow Load 1, Shifted Left	US2*	Unbalanced Snow Load 2, Shifted Right
*US2	Unbalanced Snow Load 2, Shifted Left	SD	Snow Drift Load
SS	Sliding Snow Load	RS	Rain Surcharge Load
PF1	Partial Load, Full, 1 Span	PH1	Partial Load, Half, 1 Span
PF2	Partial Load, Full, 2 Spans	PH2	Partial Load, Half, 2 Spans
S>	Snow - Notional Right	<S	Snow - Notional Left
MRS	Minimum Roof Snow	MRS>	Minimum Roof Snow - Notional Right
<MRS	Minimum Roof Snow - Notional Left	W	Wind Load
W1>	Wind Load, Case 1, Right	<W1	Wind Load, Case 1, Left
W2>	Wind Load, Case 2, Right	<W2	Wind Load, Case 2, Left
W3>	Wind Load, Case 3, Right	<W3	Wind Load, Case 3, Left

User Defined Frame Point Loads for Cross Section: 1

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF

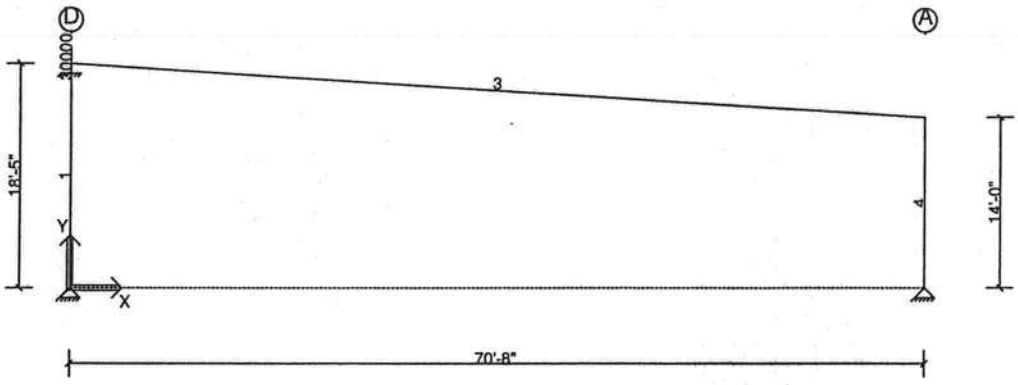


User Defined Frame Point Loads for Cross Section: 3

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	k	D	Canopy Loading	-0.33	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	D	Canopy Loading	14.24	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	CG	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CG	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	L	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	L	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	^ASL	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	W1>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W1>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W1>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W1	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W1	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W1	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	W2>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W2>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W2>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W2	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W2	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W2	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	CU	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CU	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	WPA1	Canopy Loading	-0.36	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA1	Canopy Loading	1.07	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA1	Canopy Loading	-48.28	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD1	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD1	Canopy Loading	1.33	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD1	Canopy Loading	-59.90	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPA2	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA2	Canopy Loading	1.04	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA2	Canopy Loading	-46.63	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD2	Canopy Loading	-0.43	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD2	Canopy Loading	1.29	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD2	Canopy Loading	-58.25	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB1	Canopy Loading	-0.36	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB1	Canopy Loading	1.07	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB1	Canopy Loading	-48.28	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC1	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC1	Canopy Loading	1.33	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC1	Canopy Loading	-59.90	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB2	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB2	Canopy Loading	1.04	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB2	Canopy Loading	-46.63	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC2	Canopy Loading	-0.43	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC2	Canopy Loading	1.29	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC2	Canopy Loading	-58.25	14/1/5	NA	NA	N	IN	1.000	OF
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF

User Defined Frame Point Loads for Cross Section: 4

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	D	Canopy Loading	14.24	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	CG	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CG	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	L	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	L	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	^ASL	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	W1>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W1>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W1>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W1	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W1	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W1	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	W2>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W2>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W2>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W2	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W2	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W2	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	CU	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CU	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	WPA1	Canopy Loading	-0.45	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA1	Canopy Loading	1.35	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA1	Canopy Loading	-60.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD1	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD1	Canopy Loading	1.05	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD1	Canopy Loading	-47.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPA2	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA2	Canopy Loading	1.32	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA2	Canopy Loading	-59.21	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD2	Canopy Loading	-0.34	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD2	Canopy Loading	1.01	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD2	Canopy Loading	-45.67	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB1	Canopy Loading	-0.45	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB1	Canopy Loading	1.35	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB1	Canopy Loading	-60.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC1	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC1	Canopy Loading	1.05	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC1	Canopy Loading	-47.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB2	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB2	Canopy Loading	1.32	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB2	Canopy Loading	-59.21	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC2	Canopy Loading	-0.34	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC2	Canopy Loading	1.01	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC2	Canopy Loading	-45.67	14/1/5	NA	NA	N	IN	1.000	OF
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF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A
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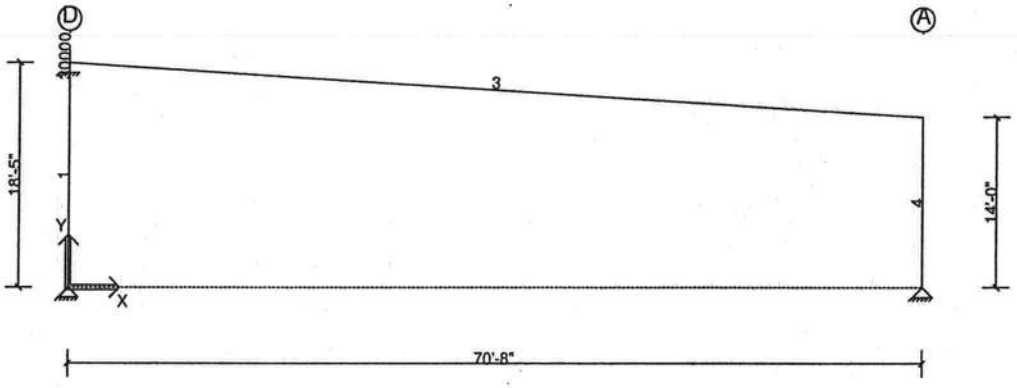
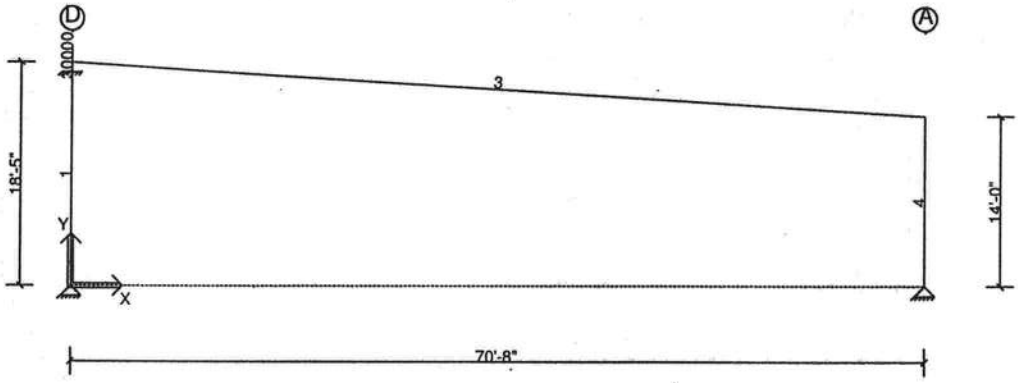
3
1
4
18'-5"
14'-0"
Y
X
70'-8"


D
A
10000
3
1
4
18'-5"
14'-0"
Y
X
70'-8"

User Defined Frame Point Loads for Cross Section: 2

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF



W4>	Wind Load, Case 4, Right
W5>	Wind Load, Case 5, Right
W6>	Wind Load, Case 6, Right
WP	Wind Load, Parallel to Ridge
WPL	Wind Load, ⏐⏐ Ridge, Left
WPA2	Wind Parallel - Ref A, Case 2
WPB2	Wind Parallel - Ref B, Case 2
WPC2	Wind Parallel - Ref C, Case 2
WPD2	Wind Parallel - Ref D, Case 2
<WB1	Wind Brace Reaction, Case 1, Left
<WB2	Wind Brace Reaction, Case 2, Left
<WB3	Wind Brace Reaction, Case 3, Left
<WB4	Wind Brace Reaction, Case 4, Left
<WB5	Wind Brace Reaction, Case 5, Left
<WB6	Wind Brace Reaction, Case 6, Left
MWB	Minimum Wind Bracing Reaction
E>	Seismic Load, Right
EG	Vertical Seismic Effect
EG-	Vertical Seismic Effect, Subtractive
<EB	Seismic Brace Reaction, Left
FL*	Alternate Span Floor Live Load, Shifted Right
FD	Floor Dead Load
AL*>	Auxiliary Live Load, Right, Right
<AL*	Auxiliary Live Load, Left, Right
AL*	Aux Live, Right
AL*>(1)	Auxiliary Live Load, Right, Right, Aisle 1
<AL*(1)	Auxiliary Live Load, Left, Right, Aisle 1
AL*(1)	Aux Live, Right, Aisle 1
AL*>(2)	Auxiliary Live Load, Right, Right, Aisle 2
<AL*(2)	Auxiliary Live Load, Left, Right, Aisle 2
AL*(2)	Aux Live, Right, Aisle 2
AL*>(3)	Auxiliary Live Load, Right, Right, Aisle 3
<AL*(3)	Auxiliary Live Load, Left, Right, Aisle 3
AL*(3)	Aux Live, Right, Aisle 3
AL*>(4)	Auxiliary Live Load, Right, Right, Aisle 4
<AL*(4)	Auxiliary Live Load, Left, Right, Aisle 4
AL*(4)	Aux Live, Right, Aisle 4
AL*>(5)	Auxiliary Live Load, Right, Right, Aisle 5
<AL*(5)	Auxiliary Live Load, Left, Right, Aisle 5
AL*(5)	Aux Live, Right, Aisle 5
ALB	Aux Live Bracing Reaction
<ALB	Aux Live Bracing Reaction, Left
<WALB	Wind, Aux Live Bracing Reaction, Left
<ALB(1)	Aux Live Bracing Reaction, Left, Aisle 1
<WALB(1)	Wind, Aux Live Bracing Reaction, Left, Aisle 1
<ALB(2)	Aux Live Bracing Reaction, Left, Aisle 2
<WALB(2)	Wind, Aux Live Bracing Reaction, Left, Aisle 2
<ALB(3)	Aux Live Bracing Reaction, Left, Aisle 3
<WALB(3)	Wind, Aux Live Bracing Reaction, Left, Aisle 3
<ALB(4)	Aux Live Bracing Reaction, Left, Aisle 4
<WALB(4)	Wind, Aux Live Bracing Reaction, Left, Aisle 4
<ALB(5)	Aux Live Bracing Reaction, Left, Aisle 5
<WALB(5)	Wind, Aux Live Bracing Reaction, Left, Aisle 5
AD	Auxiliary Dead Load
U1	User Defined Load - 1
U3	User Defined Load - 3
U5	User Defined Load - 5
U7	User Defined Load - 7
U9	User Defined Load - 9
UB1	User Brace Reaction - 1
UB3	User Brace Reaction - 3
UB5	User Brace Reaction - 5
UB7	User Brace Reaction - 7
UB9	User Brace Reaction - 9
T	Temperature Load
<W4	Wind Load, Case 4, Left
<W5	Wind Load, Case 5, Left
<W6	Wind Load, Case 6, Left
WPR	Wind Load, ⏐⏐ Ridge, Right
WPA1	Wind Parallel - Ref A, Case 1
WPB1	Wind Parallel - Ref B, Case 1
WPC1	Wind Parallel - Ref C, Case 1
WPD1	Wind Parallel - Ref D, Case 1
WB1>	Wind Brace Reaction, Case 1, Right
WB2>	Wind Brace Reaction, Case 2, Right
WB3>	Wind Brace Reaction, Case 3, Right
WB4>	Wind Brace Reaction, Case 4, Right
WB5>	Wind Brace Reaction, Case 5, Right
WB6>	Wind Brace Reaction, Case 6, Right
MW	Minimum Wind Load
E	Seismic Load
<E	Seismic Load, Left
EG+	Vertical Seismic Effect, Additive
EB>	Seismic Brace Reaction, Right
FL	Floor Live Load
*FL	Alternate Span Floor Live Load, Shifted Left
AL	Auxiliary Live Load
*AL>	Auxiliary Live Load, Right, Left
<*AL	Auxiliary Live Load, Left, Left
*AL	Aux Live, Left
*AL>(1)	Auxiliary Live Load, Right, Left, Aisle 1
<*AL(1)	Auxiliary Live Load, Left, Left, Aisle 1
*AL(1)	Aux Live, Left, Aisle 1
*AL>(2)	Auxiliary Live Load, Right, Left, Aisle 2
<*AL(2)	Auxiliary Live Load, Left, Left, Aisle 2
*AL(2)	Aux Live, Left, Aisle 2
*AL>(3)	Auxiliary Live Load, Right, Left, Aisle 3
<*AL(3)	Auxiliary Live Load, Left, Left, Aisle 3
*AL(3)	Aux Live, Left, Aisle 3
*AL>(4)	Auxiliary Live Load, Right, Left, Aisle 4
<*AL(4)	Auxiliary Live Load, Left, Left, Aisle 4
*AL(4)	Aux Live, Left, Aisle 4
*AL>(5)	Auxiliary Live Load, Right, Left, Aisle 5
<*AL(5)	Auxiliary Live Load, Left, Left, Aisle 5
*AL(5)	Aux Live, Left, Aisle 5
ALB>	Aux Live Bracing Reaction, Right
WALB>	Wind, Aux Live Bracing Reaction, Right
ALB>(1)	Aux Live Bracing Reaction, Right, Aisle 1
WALB>(1)	Wind, Aux Live Bracing Reaction, Right, Aisle 1
ALB>(2)	Aux Live Bracing Reaction, Right, Aisle 2
WALB>(2)	Wind, Aux Live Bracing Reaction, Right, Aisle 2
ALB>(3)	Aux Live Bracing Reaction, Right, Aisle 3
WALB>(3)	Wind, Aux Live Bracing Reaction, Right, Aisle 3
ALB>(4)	Aux Live Bracing Reaction, Right, Aisle 4
WALB>(4)	Wind, Aux Live Bracing Reaction, Right, Aisle 4
ALB>(5)	Aux Live Bracing Reaction, Right, Aisle 5
WALB>(5)	Wind, Aux Live Bracing Reaction, Right, Aisle 5
WALB	Wind, Aux Live Bracing Reaction
U0	User Defined Load
U2	User Defined Load - 2
U4	User Defined Load - 4
U6	User Defined Load - 6
U8	User Defined Load - 8
UB	User Brace Reaction
UB2	User Brace Reaction - 2
UB4	User Brace Reaction - 4
UB6	User Brace Reaction - 6
UB8	User Brace Reaction - 8
R	Rain Load
V	Shear

User Applied Surface Loads (Local Coordinate System)

Side	Shape	Units	Type	Description	Mag	X-Loc	Y-Loc	Frm	Brc	Grt	Pur	Pnl	Supp.	Dir.	Loc.
4	LN	plf	W	Wind Load from Masonry Wall	120.00	0/0/0	10/0/0	Y	N	N	N	N	N	IN	OF
4	LN	plf	W	Wind Load from Masonry Wall	120.00	130/0/0	10/0/0	Y	N	N	N	N	N	IN	OF

28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Design Load Combinations - Bracing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 WPA1	WPA1
2	System	1.000	1.0 WPD1	WPD1
3	System	1.000	1.0 WPA2	WPA2
4	System	1.000	1.0 WPD2	WPD2
5	System	1.000	1.0 WPB1	WPB1
6	System	1.000	1.0 WPC1	WPC1
7	System	1.000	1.0 WPB2	WPB2
8	System	1.000	1.0 WPC2	WPC2

Design Load Combinations - Purlin

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CU + 1.0 W1>	D + CU + W1>
3	System	1.000	1.0 D + 1.0 CU + 1.0 <W2	D + CU + <W2
4	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
5	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
6	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
7	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
8	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPA1	D + CU + WPA1
9	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
10	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
11	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPD1	D + CU + WPD1
12	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
13	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
14	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPA2	D + CU + WPA2
15	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
16	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
17	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPD2	D + CU + WPD2
18	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
19	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
20	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPB1	D + CU + WPB1
21	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
22	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
23	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPC1	D + CU + WPC1
24	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
25	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
26	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPB2	D + CU + WPB2
27	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
28	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
29	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPC2	D + CU + WPC2
30	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
31	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Design Load Combinations - Girt

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 W1>	W1>
2	System	1.000	1.0 <W2	<W2

Building Loading - Expanded Report

Shape: Dollar General

Loads and Codes - Shape: Dollar General

City: Lake City **County:** Columbia **State:** Florida **Country:** United States
Building Code: 2004 Florida State Building Code
Building Use: Standard Occupancy Structures
Built Up: 89AISC
Cold Form: 04AISI
Rainfall: 6.00 inches per hour

Dead and Collateral Loads
Collateral Gravity:3.00 psf
Collateral Uplift: 3.00 psf
Frame Weight (assumed for seismic):2.50 psf

Side	Type	Mag	Units	Shape	Applied to	Description
A	D	2.236	psf	Entire	Frm	Covering Weight - 24 Liberty Loc + Secondary Weight 1.07 : Roof: A
A	D	1.168	psf	Entire	Pur	Covering Weight - 24 Liberty Loc : Roof: A

Live Load
Live Load: 20.00 psf Reducible

Wind Load
Wind Speed: 110.00 mph
Wind Enclosure: Enclosed
Height Used: 16/2/8 (Type: Mean)
Base Elevation: 0/0/0
Primary Zone Strip Width: 12/11/10
Velocity Pressure: (qz) 30.98 psf
Topographic Factor: 1.0000
Directionality Factor: 0.8500
Wind Exposure (Factor): B (0.701)
Basic Wind Pressure: 18.45 psf

Gust Factor: 1.0000
Wind Importance Factor: 1.000
Least Horiz. Dimension: 70/8/0

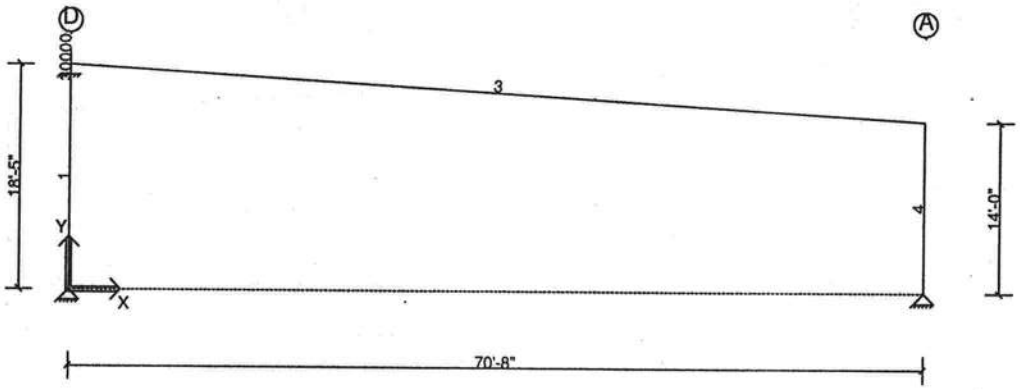
NOT Windborne Debris Region
Parts / Portions Zone Strip Width: 6/5/13
qz= 0.00256 * (1.00) * (110.00)^2 * (1.00)
The 'Low Rise' Method is Used

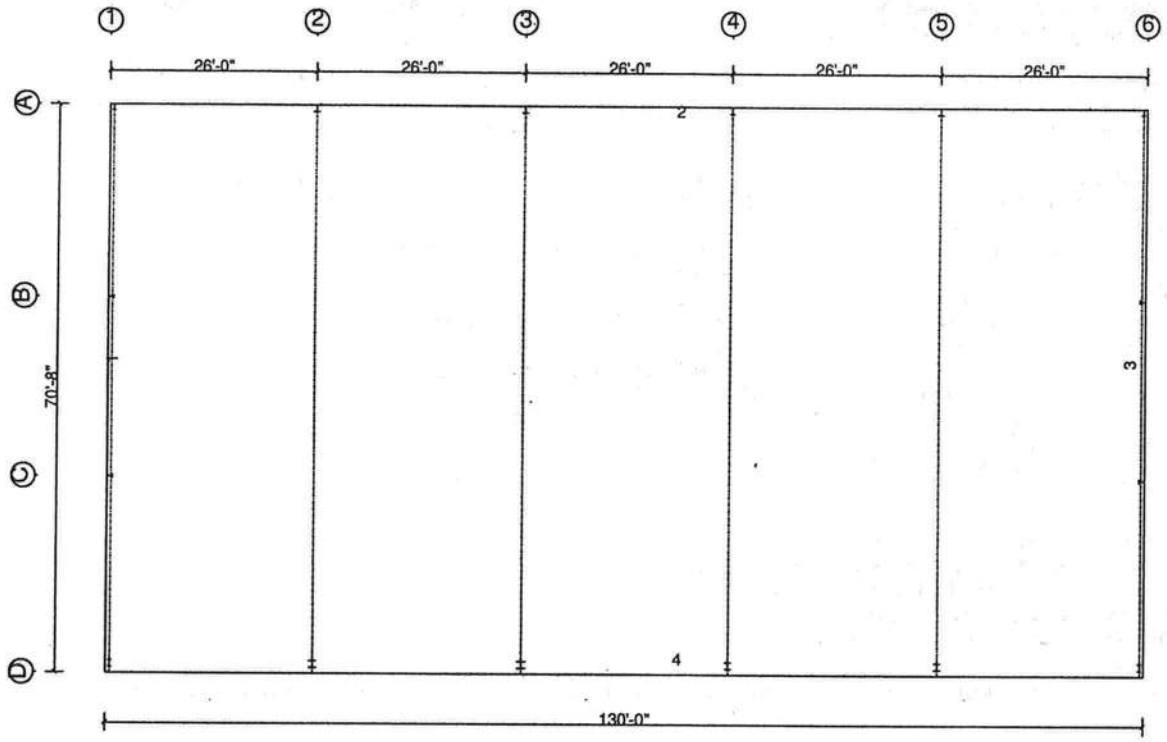
Snow Load
Ground Snow Load: 0.00 psf
Design Snow (Sloped): 0.00 psf
Snow Accumulation Factor:: 1.000
Snow Importance: 1.000
Ground / Roof Conversion: 1.00

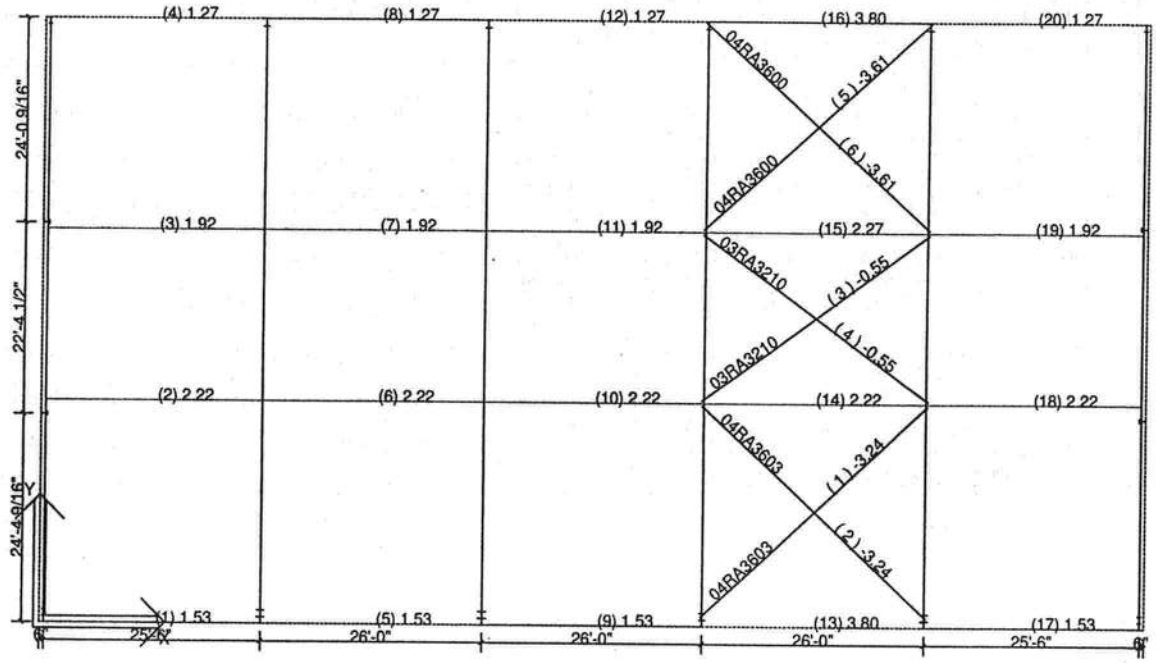
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Thermal Category (Factor): Heated (1.00)
Obstructed or Not Slippery Roof
Rain Surcharge: 0.00
Slope Reduction: 1.00
Slope Used: 0.000 (0.000:12)

User Defined Frame Point Loads for Cross Section: 5

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF

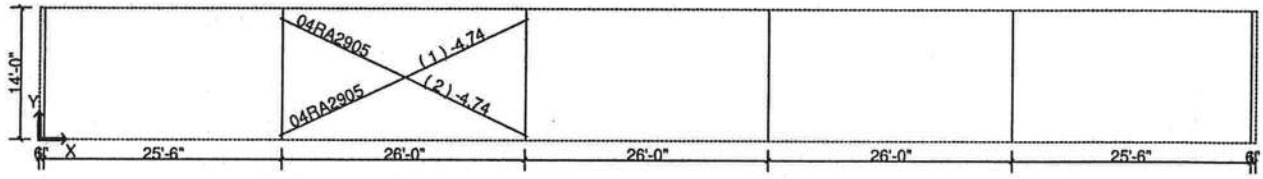



1
2
3
4
5
6
26'-0"
26'-0"
26'-0"
26'-0"
26'-0"
A
B
C
D
70'-8"
2
3
4
130'-0"



Diagonal Bracing Member Design Summary: Roof A

Mem. No.	Bracing Shape	Length (ft)	Angle	Design Axial (k)	Seismic Factor	Stress Factor	Stress Ratio	Governing Load Case	Design Status	Comment
1	R 0.5	36.20	43.9	-3.24	1.0000	1.0000	0.574	1.0WPB2	passed	
2	R 0.5	36.20	43.9	-3.24	1.0000	1.0000	0.574	1.0WPC2	passed	
3	R 0.375	32.83	36.2	-0.55	1.0000	1.0000	0.184	1.0WPD1	passed	
4	R 0.375	32.83	36.2	-0.55	1.0000	1.0000	0.184	1.0WPA1	passed	
5	R 0.5	35.95	42.4	-3.61	1.0000	1.0000	0.640	1.0WPD1	passed	
6	R 0.5	35.94	42.4	-3.61	1.0000	1.0000	0.640	1.0WPA1	passed	



Diagonal Bracing Member Design Summary: Sidewall 2

Mem. No.	Bracing Shape	Length (ft)	Angle	Design Axial (k)	Seismic Factor	Stress Factor	Stress Ratio	Governing Load Case	Design Status	Comment
1	R 0.5	29.35	28.3	-4.74	1.0000	1.0000	0.840	1.0WPC1	passed	
2	R 0.5	29.35	28.3	-4.74	1.0000	1.0000	0.840	1.0WPB1	passed	

Mem.	End	Diagonal Connection Design Information
1	Left	Slot: web thk = 1/8 in., F = 4.74k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 5/16 in., F = 4.74k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
2	Left	Slot: web thk = 1/8 in., F = 4.74k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 5/16 in., F = 4.74k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed

Secondary - Summary Report

Loads and Codes - Shape: Dollar General

City: Lake City **County:** Columbia **State:** Florida **Country:** United States
Building Code: 2004 Florida State Building Code Built Up: 89AISC Rainfall: 6.00 inches per hour
Building Use: Standard Occupancy Structures Cold Form: 04AISI

Dead and Collateral Loads
Collateral Gravity:3.00 psf
Collateral Uplift: 3.00 psf

Roof Covering + Second. Dead Load: 2.24 psf
Frame Weight (assumed for seismic):2.50 psf

Live Load
Live Load: 20.00 psf Reducible

Wind Load
Wind Speed: 110.00 mph
Wind Exposure (Factor): B (0.701)
Parts Wind Exposure Factor: 0.701

Wind Enclosure: Enclosed
Wind Importance Factor: 1.000
Topographic Factor: 1.0000

NOT Windborne Debris Region
Base Elevation: 0/0/0
Primary Zone Strip Width: 12/11/10
Parts / Portions Zone Strip Width: 6/5/13
Basic Wind Pressure: 18.45 psf

Snow Load
Ground Snow Load: 0.00 psf
Design Snow (Sloped): 0.00 psf
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Snow Importance: 1.000
Thermal Category (Factor): Heated (1.00)
Ground / Roof Conversion: 1.00
% Snow Used in Seismic: 0.00
Seismic Snow Load: 0.00 psf
Obstructed or Not Slippery Roof

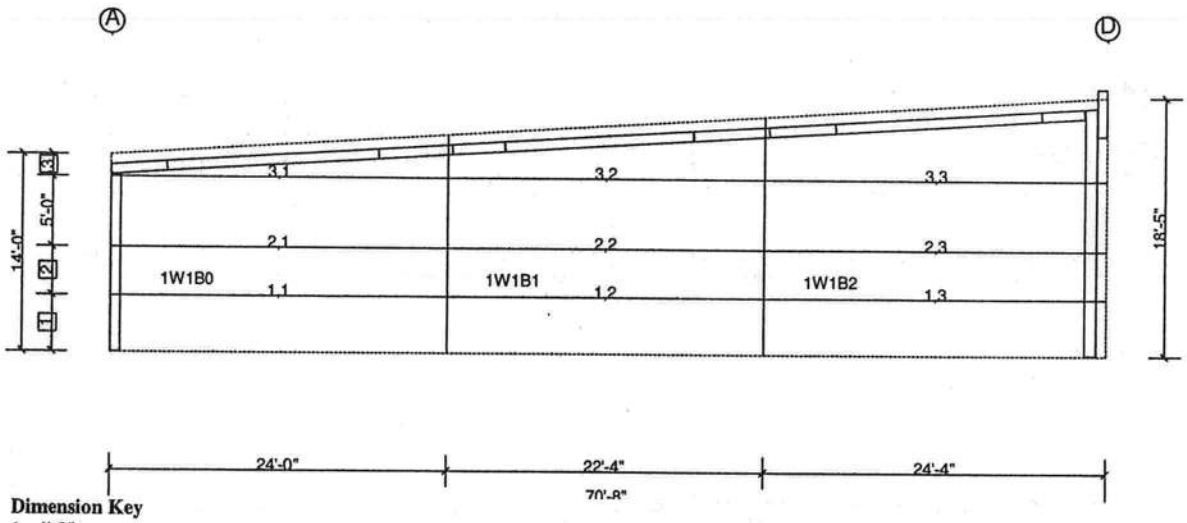
Seismic Load
N/A

Liberty Buildings assumes that the Customer has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

Design Load Combinations - Purlin

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CU + 1.0 W1>	D + CU + W1>
3	System	1.000	1.0 D + 1.0 CU + 1.0 <W2	D + CU + <W2
4	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
5	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
6	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
7	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
8	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPA1	D + CU + WPA1
9	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
10	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
11	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPD1	D + CU + WPD1
12	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
13	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
14	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPA2	D + CU + WPA2
15	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
16	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
17	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPD2	D + CU + WPD2
18	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
19	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
20	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPB1	D + CU + WPB1
21	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
22	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
23	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPC1	D + CU + WPC1
24	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
25	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
26	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPB2	D + CU + WPB2
27	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
28	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
29	System Derived	1.000	1.0 D + 1.0 CU + 1.0 WPC2	D + CU + WPC2
30	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
31	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Wall: 1



Dimension Key
1 4'-0"
2 3'-5 1/4"
3 1'-6 3/4"

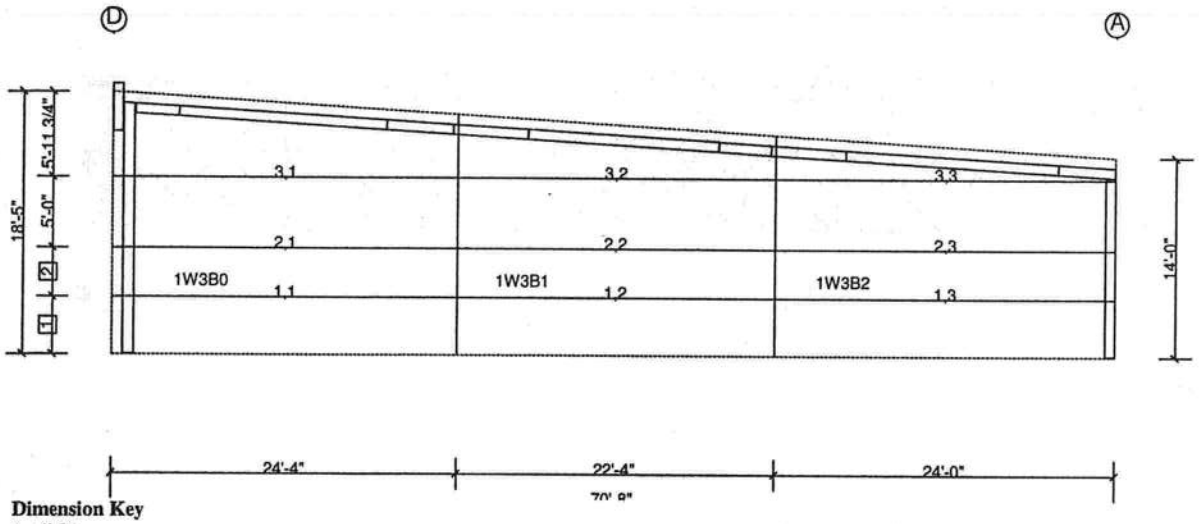
Maximum Secondary Designs for Shape Dollar General on Side 1

Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior % Bnd	Exterior % Shr	Exterior % Cmb	Exterior % Wcp	Exterior Ld Cs	Exterior Lap (in.)	Interior % Bnd	Interior % Shr	Interior % Cmb	Interior % Wcp	Interior Ld Cs	Exterior % Bnd	Exterior % Shr	Exterior % Cmb	Exterior % Wcp	Exterior Ld Cs	Exterior Lap (in.)
1,1	24.00	8.50x0.082 Z Sim	Yes	0							0.95	0.00	0.00	0.00	1						
1,2	22.33	8.50x0.073 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,3	24.33	8.50x0.082 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
2,1	24.00	8.50x0.092 Z Sim	Yes	0							0.96	0.00	0.00	0.00	1						
2,2	22.33	8.50x0.082 Z Sim	Yes	0							0.93	0.00	0.00	0.00	1						
2,3	24.33	8.50x0.092 Z Sim	Yes	0							0.98	0.00	0.00	0.00	1						
3,1	24.00	8.50x0.082 Z Sim	Yes	0							0.99	0.00	0.00	0.00	1						
3,2	22.33	8.50x0.082 Z Sim	Yes	0							1.01	0.00	0.00	0.00	1						
3,3	24.33	8.50x0.120 Z Sim	Yes	0							0.96	0.00	0.00	0.00	1						

Maximum Secondary Deflections for Shape Dollar General on Side 1

Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
1	1	0.94	(L/308)	12.00	1	W1>
1	2	0.79	(L/341)	35.00	1	W1>
1	3	0.99	(L/296)	58.33	1	W1>
2	1	0.95	(L/303)	12.00	1	W1>
2	2	0.80	(L/337)	35.00	1	W1>
2	3	1.00	(L/292)	58.33	1	W1>
3	1	0.98	(L/294)	12.00	1	W1>
3	2	0.86	(L/313)	35.00	1	W1>
3	3	0.97	(L/301)	58.33	1	W1>

Wall: 3



Dimension Key
1 4'-0"
2 3'-5 1/4"

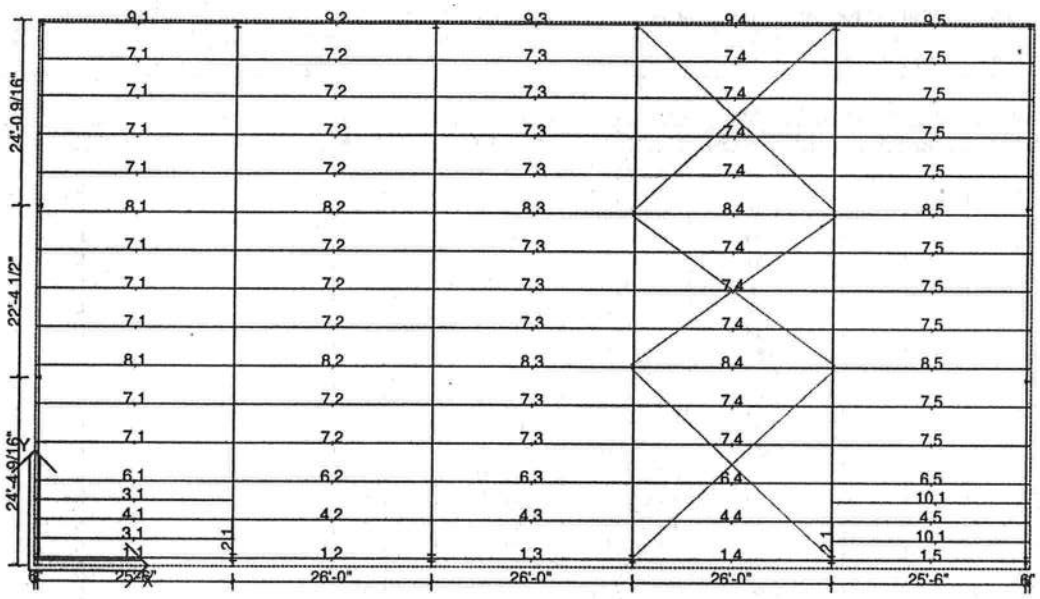
Maximum Secondary Designs for Shape Dollar General on Side 3

Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)	Interior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)
1,1	24.33	8.50x0.082 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,2	22.33	8.50x0.073 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,3	24.00	8.50x0.082 Z Sim	Yes	0							0.95	0.00	0.00	0.00	1						
2,1	24.33	8.50x0.092 Z Sim	Yes	0							0.98	0.00	0.00	0.00	1						
2,2	22.33	8.50x0.082 Z Sim	Yes	0							0.93	0.00	0.00	0.00	1						
2,3	24.00	8.50x0.092 Z Sim	Yes	0							0.96	0.00	0.00	0.00	1						
3,1	24.33	8.50x0.120 Z Sim	Yes	0							0.96	0.00	0.00	0.00	1						
3,2	22.33	8.50x0.082 Z Sim	Yes	0							1.01	0.00	0.00	0.00	1						
3,3	24.00	8.50x0.082 Z Sim	Yes	0							0.99	0.00	0.00	0.00	1						

Maximum Secondary Deflections for Shape Dollar General on Side 3

Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
1	1	0.99	(L/296)	12.00	1	W1>
1	2	0.79	(L/341)	35.33	1	W1>
1	3	0.94	(L/308)	58.67	1	W1>
2	1	1.00	(L/292)	12.00	1	W1>
2	2	0.80	(L/337)	35.33	1	W1>
2	3	0.95	(L/303)	58.67	1	W1>
3	1	0.97	(L/301)	12.00	1	W1>
3	2	0.86	(L/313)	35.33	1	W1>
3	3	0.98	(L/294)	58.67	1	W1>

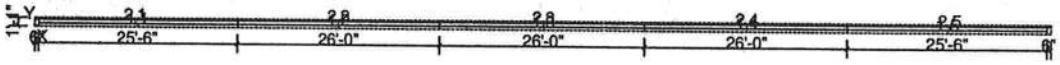
Roof: A



Maximum Secondary Designs for Shape Dollar General on Side A

Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)	Interior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)
1,1	26.00	8.50x0.082 Z Con	Yes	36							0.91	0.00	0.00	0.00	4	0.60	0.21	0.63	0.00	4	36
1,2	26.00	8.50x0.073 Z Con	Yes	48	0.60	0.20	0.63	0.00	4	18	0.73	0.46	0.86	0.00	7	0.61	0.28	0.67	0.00	7	18
1,3	26.00	8.50x0.059 Z Con	Yes	48	0.61	0.28	0.67	0.00	7	24	0.84	0.49	0.97	0.00	7	0.61	0.28	0.67	0.00	7	24
1,4	26.00	8.50x0.073 Z Con	Yes	48	0.44	0.20	0.68	0.00	16	18	0.53	0.34	1.03	0.00	16	0.60	0.20	0.63	0.00	4	18
1,5	26.00	8.50x0.082 Z Con	Yes	36	0.60	0.21	0.63	0.00	4	36	0.91	0.00	0.00	0.00	4						
2,1	5.00	8.50x0.073 C Sim	Yes	0							0.99	0.11	0.20	0.00	4						
3,1	25.93	8.50x0.092 Z Sim	Yes	0							0.96	0.00	0.00	0.00	4						
4,1	26.00	8.50x0.059 Z Con	Yes	24							1.03	0.00	0.67	0.00	4	0.62	0.17	0.92	1.00	7	24
4,2	26.00	8.50x0.073 Z Con	Yes	48	0.62	0.25	0.92	1.00	7	48	0.86	0.36	0.94	0.00	4	0.72	0.27	0.96	0.96	7	48
4,3	26.00	8.50x0.059 Z Con	Yes	48	0.72	0.26	0.96	0.96	7	18	1.01	0.00	0.00	0.00	4	0.72	0.26	0.96	0.96	7	18
4,4	26.00	8.50x0.073 Z Con	Yes	48	0.72	0.27	0.96	0.96	7	48	0.86	0.36	0.94	0.00	4	0.62	0.25	0.92	1.00	7	48
4,5	26.00	8.50x0.082 Z Con	Yes	36	0.62	0.17	0.92	1.00	7	24	1.03	0.00	0.67	0.00	4						
5,1	5.00	8.50x0.073 C Sim	Yes	0							0.99	0.11	0.20	0.00	4						
6,1	26.00	8.50x0.082 Z Con	Yes	36							0.89	0.00	0.00	0.00	4	0.64	0.18	0.83	0.81	7	36
6,2	26.00	8.50x0.073 Z Con	Yes	48	0.64	0.19	0.83	0.81	7	24	0.84	0.47	0.96	0.00	7	0.70	0.28	0.96	0.98	7	24
6,3	26.00	8.50x0.065 Z Con	Yes	48	0.70	0.28	0.96	0.98	7	24	0.83	0.48	0.96	0.00	7	0.70	0.28	0.96	0.98	7	24
6,4	26.00	8.50x0.073 Z Con	Yes	48	0.70	0.28	0.96	0.98	7	24	0.84	0.47	0.96	0.00	7	0.64	0.19	0.83	0.81	7	24
6,5	26.00	8.50x0.082 Z Con	Yes	36	0.64	0.18	0.83	0.81	7	36	0.89	0.00	0.00	0.00	4						
7,1	26.00	8.50x0.105 Z Con	Yes	48							0.93	0.00	0.00	0.00	4	0.63	0.14	0.70	0.58	7	36
7,2	26.00	8.50x0.073 Z Con	Yes	48	0.63	0.12	0.70	0.58	7	24	0.92	0.46	1.03	0.00	7	0.68	0.27	0.94	0.96	7	24
7,3	26.00	8.50x0.065 Z Con	Yes	48	0.68	0.28	0.94	0.96	7	24	0.78	0.48	0.92	0.00	7	0.68	0.28	0.94	0.96	7	24
7,4	26.00	8.50x0.073 Z Con	Yes	48	0.68	0.27	0.94	0.96	7	24	0.92	0.46	1.03	0.00	7	0.63	0.12	0.70	0.58	7	24
7,5	26.00	8.50x0.105 Z Con	Yes	48	0.63	0.14	0.70	0.58	7	36	0.93	0.00	0.00	0.00	4						

Wall: 4 - Parapet/Facade 1



Maximum Secondary Designs for Shape Dollar General on Side 4

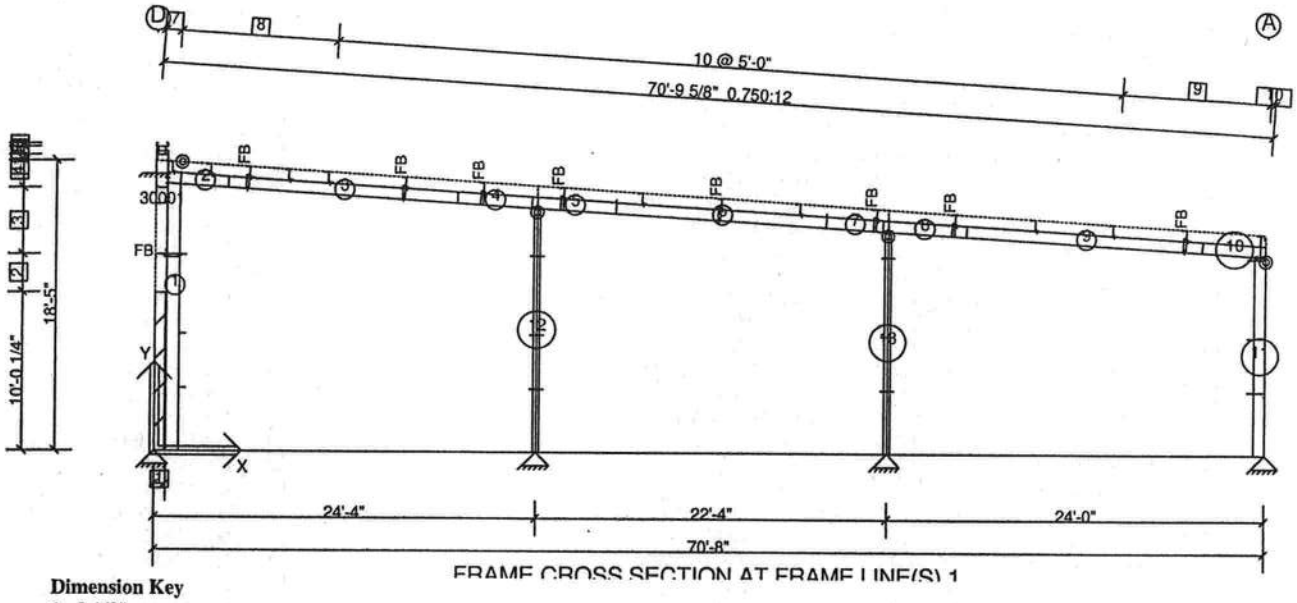
Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior						Interior					Exterior					
					% Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)	% Bnd	% Shr	% Cmb	% Wcp	Ld Cs	% Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)
1,1	25.50	8.50x0.059 Z Sim	Yes	0							0.32	0.00	0.00	0.00	2						
1,2	26.00	8.50x0.059 Z Sim	Yes	0							0.34	0.00	0.00	0.00	2						
1,3	26.00	8.50x0.059 Z Sim	Yes	0							0.34	0.00	0.00	0.00	2						
1,4	26.00	8.50x0.059 Z Sim	Yes	0							0.34	0.00	0.00	0.00	2						
1,5	25.50	8.50x0.059 Z Sim	Yes	0							0.32	0.00	0.00	0.00	2						
2,1	26.00	8.50x0.059 C Sim	Yes	0							0.29	0.00	0.00	0.00	2						
2,2	26.00	8.50x0.059 C Sim	Yes	0							0.19	0.00	0.00	0.00	2						
2,3	26.00	8.50x0.059 C Sim	Yes	0							0.19	0.00	0.00	0.00	2						
2,4	26.00	8.50x0.059 C Sim	Yes	0							0.19	0.00	0.00	0.00	2						
2,5	26.00	8.50x0.059 C Sim	Yes	0							0.29	0.00	0.00	0.00	2						

Maximum Secondary Deflections for Shape Dollar General on Side 4

Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
1	1	-0.49	(L/619)	13.00	2	<W2
1	2	-0.53	(L/584)	38.50	2	<W2
1	3	-0.53	(L/584)	64.50	2	<W2
1	4	-0.53	(L/584)	90.50	2	<W2
1	5	-0.49	(L/619)	116.50	2	<W2
2	1	-0.48	(L/644)	13.00	2	<W2
2	2	-0.33	(L/955)	39.00	2	<W2
2	3	-0.33	(L/955)	65.00	2	<W2
2	4	-0.33	(L/955)	91.00	2	<W2
2	5	-0.48	(L/644)	117.00	2	<W2

Wall: 4, Frame at: 0/6/0

Frame Cross Section: 1



FRAME CROSS SECTION AT FRAME LINE(S) 1

Dimension Key

1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 1/2"
8 4 @ 2'-6"
9 2 @ 4'-8 13/16"
10 3 1/2"
11 4'-0"
12 3'-5 1/4"
13 1'-6 3/4"
14 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX001) and 11(CGX001): 68'-5"
Vert. Clearance at member 1(CX001): 16'-10 13/16"
Vert. Clearance at member 11(CGX001): 12'-7 1/2"
Vert. Clearance at member 12(EGX001): 15'-5 11/16"
Vert. Clearance at member 13(EGX002): 14'-0 15/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Frame Member Releases

Member	Joint 1	Joint 2
2	Yes	No
11	No	Yes
12	No	Yes
13	No	Yes

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
11	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
12	24/4/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
13	46/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 1

Type		Exterior Column		Interior Column			Interior Column			Exterior Column		
X-Loc		0/0/0		24/4/0			46/8/0			70/8/0		
Grid1 - Grid2		1-D		1-C			1-B			1-A		
Base Plate W x L (in.)		8 x 11		8 x 10			8 x 10			8 x 10		
Base Plate Thickness (in.)		0.375		0.375			0.375			0.375		
Anchor Rod Qty/Diam. (in.)		2 - 0.750		2 - 0.750			2 - 0.750			2 - 0.750		
Column Base Elev.		100'-0"		100'-0"			100'-0"			100'-0"		
Load Type	Desc.	Hx	Vy	Hx	Hz	Vy	Hx	Hz	Vy	Hx	Vy	
D	Frm	-	0.6	-	-	1.1	-	-	1.1	-	0.5	-
CG	Frm	-	0.4	-	-	1.0	-	-	1.0	-	0.4	-
L	Frm	-	2.4	-	-	5.9	-	-	6.0	-	2.3	-
ASL^	Frm	-	-0.3	-	-	3.0	-	-	3.0	-	-0.3	-
^ASL	Frm	-	2.8	-	-	2.9	-	-	3.0	-	2.6	-
W1>	Frm	-0.8	-1.6	-	3.1	-4.1	-	2.9	-4.2	-0.9	-1.7	-
<W1	Frm	0.9	-3.0	-	-2.8	-7.1	-	-2.6	-7.2	0.6	-2.7	-
W2>	Frm	-0.9	-0.8	-	-	-1.9	-	-	-1.9	-0.3	-0.8	-
<W2	Frm	0.7	-2.1	-	-	-4.9	-	-	-4.9	1.2	-1.8	-
CU	Frm	-	0.4	-	-	1.0	-	-	1.0	-	0.4	-
WPA1	Brc	0.9	-2.1	-	-	-5.3	-	-	-5.4	-1.0	-2.2	-
WPD1	Brc	0.9	-1.3	-	-	-3.4	-	-	-3.4	-1.0	-1.4	-
WPA2	Brc	0.8	-1.3	-	-	-3.1	-	-	-3.2	-0.4	-1.3	-
WPD2	Brc	0.8	-0.4	-	-	-1.2	-	-	-1.2	-0.4	-0.5	-
WPB1	Brc	0.9	-2.1	-	-	-5.2	-	-	-5.9	-1.0	-3.0	-
WPC1	Brc	0.9	-1.3	-	-	-3.3	-	-	-3.6	-1.0	-1.7	-
WPB2	Brc	0.8	-1.3	-	-	-3.0	-	-	-3.6	-0.4	-2.1	-
WPC2	Brc	0.8	-0.5	-	-	-1.1	-	-	-1.4	-0.4	-0.8	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	1-D	0.9	8	0.9	18	-	-	-	-	2.4	11	3.8	3	-	-	-	-
24/4/0	1-C	-	-	-	-	2.8	7	3.1	6	5.8	11	8.6	4	-	-	-	-
46/8/0	1-B	-	-	-	-	2.6	7	2.9	6	5.9	11	8.7	5	-	-	-	-
70/8/0	1-A	1.0	18	1.2	9	-	-	-	-	2.5	31	3.5	3	-	-	-	-

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	FB2054	
3	1/3/8	6/0/8	FB2050	
3	11/3/8	16/0/9	FB2050	
4	1/7/7	21/0/8	FB2014	
5	1/11/3	26/0/8	FB2014	
6	6/7/7	36/0/9	FB2050	
7	3/2/15	46/0/9	FB2014	
8	4/6/10	51/0/8	FB2014	
9	13/11/12	65/9/5	FB2050	

Top of Post Summary

X-Loc	Grid	Top Reaction	Conn. Force	Condition	Flg Mn Moment	Rb Allow Shear	Comp	FB Force R1	FB Angle R2	Min Purlin	FB/SFB	Purlin Bearing	Bolt Shear	FB/WSF Bearing
24/4/0	1-C	3.12	1.23	Std	49.34	2.22	N	0.43	18.72	0.105	FB	4.41	4.71	3.43
							N	0.86	18.72	0.092	FB	3.86	4.71	3.43
46/8/0	1-B	2.84	0.95	Std	49.34	4.02	N	0.86	18.72	0.092	FB	3.86	4.71	3.43
							N	0.14	18.72	0.105	FB	4.41	4.71	3.43

Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	1-D	5.12	0.79	18.0	2	0.96	11.97	N				
						0.17	11.97	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

				Actual Forces				Actual Stresses				Allowable				Stress Condition	
Mem. No.	Loc. ft	Depth in.	Load Case	Axial k	Shear k	Mom-x in-k	Mom-y in-k	Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	--- Axial	Stress Shear	/Force Bnd-X	--- Bnd-Y	Sum % Bnd+Ax	% Shear
1	10.02	10.00	19	1.5	0.7	-108.8	0.0	0.57	0.52	13.70	0.00	33.00	15.57	13.62	23.97	1.01	0.03
2	3.56	8.50	3	0.1	2.1	115.1	0.0	-	-	-	-	102.03	24.34	247.99	36.94	0.47	0.09
3	6.29	8.50	3	0.0	0.2	201.9	0.0	-	-	-	-	1.00	24.34	247.99	59.08	0.81	0.01
4	5.02	8.50	4	-0.3	-4.5	-230.3	0.0	-	-	-	-	39.60	24.34	247.99	59.08	0.94	0.18
5	0.00	8.50	4	0.2	4.0	-230.3	0.0	-	-	-	-	102.03	24.34	247.99	59.08	0.93	0.16
6	13.38	8.50	3	-0.0	-0.6	-79.8	0.0	-	-	-	-	1.00	4.71	99.01	59.08	0.81	0.12
7	4.02	8.50	5	-0.3	-4.0	-233.9	0.0	-	-	-	-	40.48	24.34	247.99	24.83	0.95	0.16
8	0.00	8.50	5	0.3	4.5	-233.9	0.0	-	-	-	-	102.03	24.34	247.99	59.08	0.95	0.19
9	9.24	8.50	3	-0.0	-0.3	208.1	0.0	-	-	-	-	1.00	24.34	247.99	59.08	0.84	0.01
10	0.00	8.50	3	-0.1	-2.2	120.5	0.0	-	-	-	-	38.51	24.34	247.99	59.08	0.49	0.09
11	5.72	8.50	9	1.0	-0.1	44.8	0.0	-	-	-	-	55.86	4.71	122.51	59.08	0.37	0.03
12	7.92	8.50	6	2.0	0.0	-148.6	0.0	-	-	-	-	62.05	6.31	144.71	24.83	1.03	0.00
13	7.22	8.50	6	2.1	0.0	-123.6	0.0	-	-	-	-	55.86	4.71	122.51	30.76	1.01	0.00

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	10.02	10.00	2.65	4.03	1.03	202.81	120.3	0.0	50.4	117.0	0.0	7.94	149.3	1.34	0.0	0.00	0.73	1.00	1.00	1.00
2	3.56	8.50	3.10	3.21	1.20	273.77	52.9	0.0	85.4	44.0	0.0	7.53	52.9	1.61	0.0	0.00	-	-	1.45	0.00
3	6.29	8.50	3.10	3.21	1.20	273.77	60.0	60.0	85.4	49.9	49.9	7.53	60.0	1.61	60.0	1.61	-	-	1.08	1.03
4	5.02	8.50	3.10	3.21	1.20	273.77	60.0	0.0	85.4	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	1.24	0.00
5	0.00	8.50	3.10	3.21	1.20	268.52	60.0	0.0	83.7	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	2.30	0.00
6	13.38	8.50	1.70	3.23	1.13	268.52	60.0	0.0	83.1	53.0	0.0	3.72	120.0	1.61	0.0	0.00	-	-	1.54	0.00
7	4.02	8.50	3.10	3.21	1.20	268.52	60.0	0.0	83.7	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	1.42	0.00
8	0.00	8.50	3.10	3.21	1.20	280.31	60.0	0.0	87.4	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	2.30	0.00
9	9.24	8.50	3.10	3.21	1.20	280.31	60.0	56.8	87.4	49.9	47.2	7.53	60.0	1.61	56.8	1.61	-	-	1.02	1.09
10	0.00	8.50	3.10	3.21	1.20	280.31	52.9	0.0	87.4	43.9	0.0	7.53	52.9	1.61	0.0	0.00	-	-	2.30	0.00
11	5.72	8.50	1.70	3.23	1.13	151.50	41.3	0.0	46.9	36.4	0.0	3.72	41.3	1.58	0.0	0.00	-	-	1.00	1.00
12	7.92	8.50	1.88	3.23	1.15	189.98	60.0	0.0	58.8	52.1	0.0	4.39	60.0	1.56	0.0	0.00	-	-	1.00	1.00
13	7.22	8.50	1.70	3.23	1.13	173.23	41.3	0.0	53.6	36.4	0.0	3.72	41.3	1.58	0.0	0.00	-	-	1.00	1.00

Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 1

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/12231)	0.013	11	2	22	WPB1
Max. Vertical Deflection for Span 1	(L/602)	-0.462	2	2	1	L
Max. Vertical Deflection for Span 2	(L/2972)	-0.090	6	2	10	WPB1
Max. Vertical Deflection for Span 3	(L/557)	-0.509	10	1	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
26/0/0	25/9/0	Rigid Frame	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	10.00	0.6250	0.1345	10.00	10.00	17.66	858.0	55.00	55.00	BP	KN	3P
2	5.00	0.3750	0.1644	27.00	13.00	14.96	388.6	55.00	55.00	KN	SS	3P
3	5.00	0.3750	0.1875	13.00	27.00	19.50	538.3	55.00	55.00	SS	SP	3P
4	5.00	0.3750	0.1875	27.00	16.00	25.50	712.9	55.00	55.00	SP	SS	3P
5	5.00	0.3750	0.1345	16.00	23.00	10.14	244.7	55.00	55.00	SS	KN	3P
6	9.00	0.5000	0.1345	10.00	10.00	13.29	494.1	55.00	55.00	BP	KN	3P

Total Frame Weight = 3236.5 (p) (Includes all plates)
Frame Pricing Weight = 3416.4 (p) (Includes all pieces)

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
6	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S3	15.32	8.750	N/A	N/A	N/A	0.3750	4.500	Both	F-FP,W-OS-0.2500
1	***	MUST	Use	Alternate	Web	Thick.=	0.3750	*	*	*	*
2	1	S1	6.64	19.684	119.74	3.00	59.05	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	1	S1	4.86	18.860	140.22	3.00	56.58	0.2500	2.000	Opposite Fillet	Std
6	1	S9	11.34	9.037	67.19	N/A	N/A	0.3750	4.000	Both	W-OS-0.2500
6	***	MUST	Use	Alternate	Web	Thick.=	0.3750	*	*	*	*

Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions			Bolt			Outside Flange			Inside Flange		
			Thick. (in.)	Width (in.)	Length (in.)	Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.625	11.00	30.47	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
2	1	KN(Face)	0.625	11.00	30.39	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
3	2	SP	0.500	11.00	32.72	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
4	1	SP	0.500	11.00	32.73	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
5	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	32	Extended	3.50/2.00	32	Extended	3.50/2.00
6	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	32	Extended	3.50/2.00	32	Extended	3.50/2.00

Mem. No.	Jt. No.	Required Strength - Out				Available Strength - Out			Required Strength - In				Available Strength - In		
		Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)
1	2	1	-9.5	16.2	1861.3	Thin plate	159.0	1831.6	31	11.0	11.1	1364.6	Thin plate	159.0	1632.3
2	1	1	-9.5	16.2	1861.3	Thin plate	159.0	1831.6	31	11.0	11.1	1364.6	Thin plate	159.0	1632.3
3	2	11	9.1	0.3	1175.4	Thin plate	159.0	1446.8	1	-9.8	1.2	1658.5	Thin plate	212.1	1686.7
4	1	11	9.1	0.3	1175.4	Thin plate	159.0	1446.8	1	-9.8	1.2	1658.5	Thin plate	212.1	1686.7
5	2	1	-11.3	15.0	1397.7	Thin plate	212.1	1423.4	11	9.3	11.5	1296.7	Thin plate	212.1	1423.4
6	2	1	-11.3	15.0	1397.7	Thin plate	212.1	1423.4	11	9.3	11.5	1296.7	Thin plate	212.1	1423.4

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	(2)FB2050	
2	4/5/7	6/0/8	(2)FB3014	
3	5/4/0	21/0/8	FB2090	
3	15/4/0	31/0/9	FB3024	
4	5/10/0	41/0/9	FB3024	
4	15/10/0	51/0/9	FB2114	
5	0/4/0	61/0/8	FB2090	
5	5/0/13	65/9/5	(2)FB2110	

Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	2-D	7.81	1.20	18.0	2	1.46	18.79	N				
						0.26	18.79	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

Mem. No.	Loc. ft	Depth in.	Load Case	Actual Forces				Actual Stresses				Allowable				Stress Condition	
				Axial k	Shear k	Mom-x in-k	Mom-y in-k	Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	--- Axial	Stress /Force Shear	Bnd-X	--- Bnd-Y	Sum % Bnd+Ax	% Shear
1	15.36	10.00	1	-17.5	-9.9	-1819.0	0.0	1.28	8.39	32.19	0.00	24.27	17.32	36.30	41.25	0.93	0.48
2	0.49	27.00	1	-9.5	16.2	-1861.3	0.0	1.18	3.75	27.54	0.00	20.70	7.60	31.96	41.25	0.90	0.49
3	15.34	24.01	11	9.1	-1.7	-1123.7	0.0	1.12	0.40	20.23	0.00	33.00	5.40	19.60	41.25	1.03	0.07
4	5.83	24.48	31	10.3	1.1	-1131.7	0.0	1.25	0.25	19.85	0.00	33.00	5.19	19.86	41.25	1.00	0.05
5	9.43	23.00	1	-11.3	-15.0	-1397.7	0.0	1.68	5.03	26.64	0.00	18.16	7.44	32.13	41.25	0.88	0.68
6	11.42	10.00	1	-16.8	9.9	-1353.0	0.0	1.65	8.15	32.00	0.00	27.23	16.84	36.11	40.77	0.94	0.48

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	15.36	10.00	13.68	4.55	2.76	184.27	35.0	19.4	60.8	12.7	7.0	56.51	35.0	3.06	19.4	3.04	1.00	1.00	1.10	1.01
2	0.49	27.00	8.07	10.64	0.98	821.20	19.4	51.8	77.2	19.7	52.6	67.59	19.4	1.25	51.8	1.25	1.00	1.00	1.01	1.24
3	15.34	24.01	8.11	9.42	0.98	821.20	60.0	60.0	87.1	61.1	61.1	55.54	120.1	1.29	120.0	1.29	1.00	1.00	1.21	1.01
4	5.83	24.48	8.20	9.59	0.98	821.20	60.0	60.0	85.6	61.4	61.4	57.03	120.0	1.28	120.0	1.28	1.00	1.00	1.03	1.15
5	9.43	23.00	6.74	9.46	1.08	821.20	52.3	15.4	86.8	48.6	14.3	52.47	52.3	1.32	15.4	1.31	1.00	0.97	1.32	1.01
6	11.42	10.00	10.21	4.55	2.44	137.06	47.8	15.4	45.2	19.6	6.3	42.28	47.8	2.71	15.4	2.68	1.00	1.00	1.19	1.01

Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 2

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/97)	1.524	6	2	14	W1>
Max. Vertical Deflection for Span 1	(L/233)	-3.559	3	2	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
52/0/0	26/0/0	Rigid Frame	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	12.00	0.6250	0.1345	10.00	10.00	17.66	1008.8	55.00	55.00	BP	KN	3P
2	5.00	0.3750	0.1644	28.00	13.00	14.96	394.5	55.00	55.00	KN	SS	3P
3	5.00	0.3750	0.1644	13.00	27.00	19.50	508.4	55.00	55.00	SS	SP	3P
4	6.00	0.3750	0.1345	27.00	13.00	25.50	665.2	55.00	55.00	SP	SS	3P
5	6.00	0.3125	0.1875	13.00	23.00	10.14	268.2	55.00	55.00	SS	KN	3P
6	9.00	0.5000	0.1644	10.00	10.00	13.29	506.0	55.00	55.00	BP	KN	3P

Total Frame Weight = 3351.1 (p) (Includes all plates)
Frame Pricing Weight = 3534.8 (p) (Includes all pieces)

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
6	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S3	15.24	8.750	N/A	N/A	N/A	0.5000	5.500	Both	F-FP,W-OS-0.2500
1	***	MUST	Use	Alternate	Web	Thick:=	0.3750	*	*	*	*
2	1	S1	6.39	20.495	124.67	3.00	61.49	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
6	1	S9	11.34	9.037	54.97	N/A	N/A	0.3125	4.000	Both	W-OS-0.1875
6	***	MUST	Use	Alternate	Web	Thick.=	0.3750	*	*	*	*

Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions			Bolt			Outside Flange			Inside Flange		
			Thick. (in.)	Width (in.)	Length (in.)	Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.625	12.00	31.47	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
2	1	KN(Face)	0.625	11.00	31.39	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
3	2	SP	0.500	11.00	32.72	0.750	A325X/ST	3.00	31	Extended	3.50	31	Extended	3.50
4	1	SP	0.500	11.00	32.73	0.750	A325X/ST	3.00	31	Extended	3.50	31	Extended	3.50
5	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	31	Extended	3.50	31	Extended	3.50
6	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	31	Extended	3.50	31	Extended	3.50

		Required Strength - Out				Available Strength - Out			Required Strength - In				Available Strength - In		
Mem. No.	Jt. No.	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)
1	2	1	-9.8	16.4	1990.6	Thin plate	159.0	1900.9	31	11.0	10.5	1331.2	Thin plate	159.0	1699.7
2	1	1	-9.8	16.4	1990.6	Thin plate	159.0	1900.9	31	11.0	10.5	1331.2	Thin plate	159.0	1699.7
3	2	11	9.0	0.3	1086.9	Thin plate	159.0	1446.8	1	-10.0	1.4	1596.5	Thin plate	159.0	1446.8
4	1	11	9.0	0.3	1086.9	Thin plate	159.0	1446.8	1	-10.0	1.4	1596.5	Thin plate	159.0	1446.8
5	2	1	-11.7	14.9	1424.4	Thin plate	159.0	1384.8	11	9.3	10.8	1276.0	Thin plate	159.0	1384.8
6	2	1	-11.7	14.9	1424.4	Thin plate	159.0	1384.8	11	9.3	10.8	1276.0	Thin plate	159.0	1384.8

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	(2)SFB2050	
2	4/5/7	6/0/8	(2)FB3020	
3	5/4/0	21/0/8	FB2090	
3	15/4/0	31/0/9	FB3024	
4	5/10/0	41/0/9	FB3020	
4	20/10/0	56/0/9	FB2084	
5	5/0/13	65/9/5	(2)FB2104	

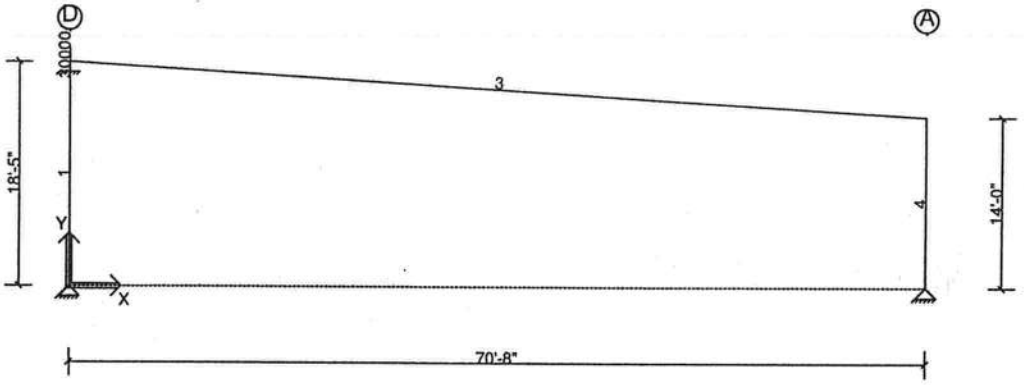
Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	3-D	7.81	1.20	18.0	2	1.46	18.79	N				
						0.26	18.79	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

				Actual Forces				Actual Stresses				Allowable				Stress Condition	
Mem. No.	Loc. ft	Depth in.	Load Case	Axial k	Shear k	Mom-x in-k	Mom-y in-k	Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	--- Axial	Stress Shear	/Force Bnd-X	--- Bnd-Y	Sum % Bnd+Ax	% Shear
1	15.27	10.00	1	-17.9	-10.1	-1942.7	0.0	1.11	8.54	28.77	0.00	24.40	17.32	35.62	39.55	0.84	0.49
2	0.49	28.00	1	-9.8	16.4	-1990.6	0.0	1.19	3.66	28.07	0.00	21.26	7.43	31.68	41.25	0.92	0.49
3	15.34	24.01	11	9.0	-1.6	-1039.1	0.0	1.19	0.43	19.42	0.00	33.00	4.15	20.16	41.25	0.96	0.10
4	5.83	23.80	31	10.3	1.1	-1024.6	0.0	1.35	0.37	17.29	0.00	33.00	2.83	19.54	32.86	0.88	0.13
5	9.43	23.00	1	-11.7	-14.9	-1424.4	0.0	1.47	3.55	24.91	0.00	17.28	5.84	31.83	31.83	0.83	0.61
6	11.42	10.00	1	-16.8	10.1	-1377.6	0.0	1.61	6.79	32.30	0.00	27.16	20.58	36.11	40.77	0.94	0.33

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	15.27	10.00	16.18	4.57	3.34	183.27	34.0	20.0	60.2	10.2	6.0	67.52	34.0	3.67	20.0	3.66	1.00	1.00	1.12	1.01
2	0.49	28.00	8.23	10.98	0.97	821.25	20.0	51.8	74.8	20.5	53.1	70.91	20.0	1.24	51.8	1.25	1.00	1.00	1.01	1.23
3	15.34	24.01	7.57	9.59	1.02	821.25	60.0	60.0	85.7	59.1	59.1	53.52	120.1	1.30	120.0	1.30	1.00	1.00	1.21	1.01
4	5.83	23.80	7.60	9.96	1.33	821.25	60.0	60.0	82.4	45.0	45.0	59.25	120.0	1.62	180.0	1.65	1.00	1.00	1.03	1.38
5	9.43	23.00	7.95	9.10	1.19	821.25	52.3	15.3	90.3	43.9	12.9	57.18	52.3	1.51	15.3	1.51	0.96	1.00	1.31	1.02
6	11.42	10.00	10.48	4.51	2.41	137.06	47.8	15.3	45.6	19.9	6.4	42.65	47.8	2.70	15.3	2.67	1.00	1.00	1.19	1.02



Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 3

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/107)	1.381	6	2	14	W1>
Max. Vertical Deflection for Span 1	(L/241)	-3.434	4	1	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
78/0/0	26/0/0	Rigid Frame	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	9.00	0.6250	0.1345	10.00	10.00	17.66	785.3	55.00	55.00	BP	KN	3P
2	5.00	0.3750	0.1345	27.00	13.00	14.96	361.5	55.00	55.00	KN	SS	3P
3	5.00	0.3750	0.1345	13.00	28.00	19.50	476.8	55.00	55.00	SS	SP	3P
4	5.00	0.3750	0.1644	28.00	16.00	25.50	679.3	55.00	55.00	SP	SS	3P
5	5.00	0.3125	0.1345	16.00	23.00	10.14	227.4	55.00	55.00	SS	KN	3P
6	6.00	0.6250	0.3125	10.00	10.00	13.29	499.8	55.00	55.00	BP	KN	3P

Total Frame Weight = 3030.1 (p) (Includes all plates)
Frame Pricing Weight = 3199.5 (p) (Includes all pieces)

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
6	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S3	15.32	8.750	N/A	N/A	N/A	0.3750	4.000	Both	F-FP,W-OS-0.2500
1	***	MUST	Use	Alternate	Web	Thick:=	0.3750	*	*	*	*
2	1	S1	5.56	20.765	154.39	3.00	62.30	0.2500	2.000	Opposite Fillet	Std
2	2	S1	10.42	15.906	118.26	3.00	47.72	0.2500	2.000	Opposite Fillet	Std
5	1	S1	4.86	18.985	141.15	3.00	56.95	0.2500	2.000	Opposite Fillet	Std
6	1	S9	11.34	8.782	28.10	N/A	N/A	0.3125	2.500	Both	W-OS-0.1875
6	***	MUST	Use	Alternate	Web	Thick.=	0.3750	*	*	*	*

Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions Thick. (in.)	Width (in.)	Length (in.)	Bolt Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Outside Flange Configuration ID	Desc.	Pitches 1st/2nd (in.)	Inside Flange Configuration ID	Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.625	11.00	30.47	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
2	1	KN(Face)	0.625	11.00	30.39	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
3	2	SP	0.500	11.00	33.72	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
4	1	SP	0.500	11.00	33.73	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
5	2	KN(Face)	0.625	11.00	24.00	0.750	A325X/ST	3.50	12	Flush	2.00	12	Flush	2.00
6	2	KN(Face)	0.625	11.00	24.00	0.750	A325X/ST	3.50	12	Flush	2.00	12	Flush	2.00

Mem. No.	Jt. No.	Required Strength - Out Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Available Strength - Out Design Proc.	Shear (k)	Moment (in-k)	Required Strength - In Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Available Strength - In Design Proc.	Shear (k)	Moment (in-k)
1	2	1	-9.0	16.4	1858.3	Thin plate	159.0	1831.6	34	10.6	10.6	1252.3	Thin plate	159.0	1632.3
2	1	1	-9.0	16.4	1858.3	Thin plate	159.0	1831.6	34	10.6	10.6	1252.3	Thin plate	159.0	1632.3
3	2	11	8.7	0.3	1153.7	Thin plate	159.0	1510.1	1	-9.3	1.3	1715.3	Thin plate	212.1	1762.5
4	1	11	8.7	0.3	1153.7	Thin plate	159.0	1510.1	1	-9.3	1.3	1715.3	Thin plate	212.1	1762.5
5	2	1	-10.8	15.1	1322.1	Thin plate	159.0	1331.3	11	8.8	11.0	1224.9	Thin plate	159.0	1331.3
6	2	1	-10.8	15.1	1322.1	Thin plate	159.0	1331.3	11	8.8	11.0	1224.9	Thin plate	159.0	1331.3

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	(2)FB2050	
2	4/5/7	6/0/8	(2)FB3014	
3	5/4/0	21/0/8	FB2094	
3	15/4/0	31/0/9	FB3030	
4	5/10/0	41/0/9	FB3030	
4	15/10/0	51/0/9	FB2114	
5	0/4/0	61/0/8	FB2090	
5	5/0/13	65/9/5	(2)FB2110	

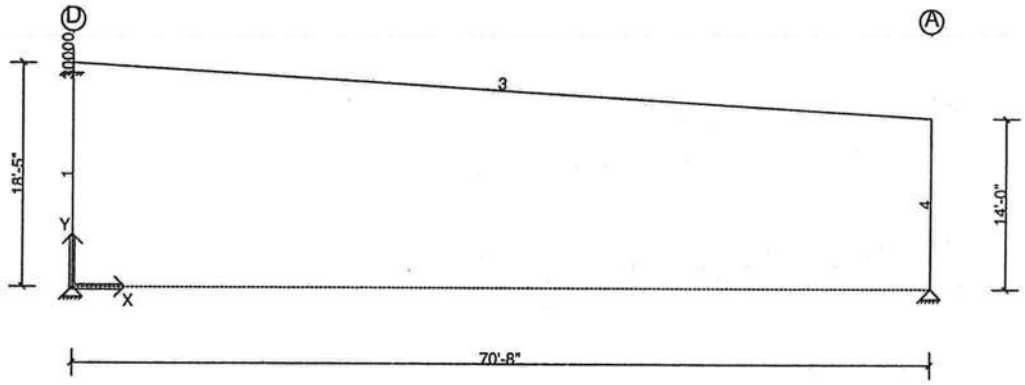
Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	4-D	7.81	1.20	18.0	2	1.46	18.79	N				
						0.26	18.79	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

Mem. No.	Loc. ft	Depth in.	Load Case	Actual Forces Axial k	Shear k	Mom-x in-k	Mom-y in-k	Actual Stresses Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	Allowable --- Axial	Stress /Force Shear	Bnd-X	--- Bnd-Y	Stress Condition Sum % Bnd+Ax	% Shear
1	15.36	10.00	1	-17.6	-9.4	-1823.9	0.0	1.42	7.95	35.75	0.00	24.23	17.32	36.30	41.25	1.03	0.46
2	0.49	27.00	1	-9.0	16.4	-1858.3	0.0	1.24	4.63	28.92	0.00	20.70	6.82	31.05	41.25	0.97	0.68
3	15.34	24.79	11	8.7	-1.6	-1106.9	0.0	1.24	0.50	20.86	0.00	33.00	2.60	20.45	41.25	1.02	0.19
4	5.83	25.25	34	9.9	1.1	-1108.5	0.0	1.28	0.28	19.37	0.00	33.00	3.74	20.11	41.25	0.96	0.07
5	9.43	23.00	1	-10.8	-15.1	-1322.1	0.0	1.76	5.00	28.81	0.00	17.63	7.41	31.85	32.92	0.96	0.67
6	11.42	10.00	1	-16.8	9.4	-1283.0	0.0	1.64	3.42	35.15	0.00	26.60	22.00	36.30	41.25	1.02	0.16

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	15.36	10.00	12.43	4.53	2.47	184.27	35.0	19.4	61.0	14.2	7.9	51.01	35.0	2.75	19.4	2.74	1.00	1.00	1.12	1.01
2	0.49	27.00	7.28	10.91	1.04	821.23	19.4	51.8	75.2	18.8	50.0	64.25	19.4	1.28	51.8	1.29	1.00	0.96	1.01	1.25
3	15.34	24.79	6.98	10.12	1.06	821.23	60.0	60.0	81.2	56.7	56.7	53.05	120.1	1.33	120.0	1.33	1.00	1.00	1.19	1.01
4	5.83	25.25	7.78	10.03	1.00	821.23	60.0	60.0	81.9	59.8	59.8	57.23	120.0	1.29	120.0	1.29	1.00	1.00	1.03	1.15
5	9.43	23.00	6.13	9.27	1.03	821.23	52.3	15.4	88.5	50.7	14.9	45.89	52.3	1.28	15.4	1.28	1.00	0.96	1.34	1.01
6	11.42	10.00	10.23	4.22	1.48	137.06	47.8	15.4	48.7	32.2	10.4	36.50	47.8	1.83	15.4	1.76	1.00	1.00	1.19	1.01



Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 4

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/97)	1.516	6	2	14	W1>
Max. Vertical Deflection for Span 1	(L/220)	-3.755	3	2	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
104/0/0	25/9/0	Rigid Frame	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	10.00	0.6250	0.1345	10.00	10.00	17.66	858.0	55.00	55.00	BP	KN	3P
2	5.00	0.3750	0.1644	27.00	13.00	14.96	388.6	55.00	55.00	KN	SS	3P
3	5.00	0.3750	0.1875	13.00	27.00	19.50	538.3	55.00	55.00	SS	SP	3P
4	5.00	0.3750	0.1875	27.00	16.00	25.50	712.9	55.00	55.00	SP	SS	3P
5	5.00	0.3750	0.1345	16.00	23.00	10.14	244.7	55.00	55.00	SS	KN	3P
6	9.00	0.5000	0.1345	10.00	10.00	13.29	494.1	55.00	55.00	BP	KN	3P

Total Frame Weight = 3236.5 (p) (Includes all plates)
Frame Pricing Weight = 3416.4 (p) (Includes all pieces)

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
6	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S3	15.32	8.750	N/A	N/A	N/A	0.3750	4.500	Both	F-FP,W-OS-0.2500
1	***	MUST	Use	Alternate	Web	Thick,=	0.3750	*	*	*	*
2	1	S1	6.64	19.684	119.74	3.00	59.05	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	1	S1	4.86	18.860	140.22	3.00	56.58	0.2500	2.000	Opposite Fillet	Std
6	1	S9	11.34	9.037	67.19	N/A	N/A	0.3750	4.000	Both	W-OS-0.2500
6	***	MUST	Use	Alternate	Web	Thick.=	0.3750	*	*	*	*

Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions			Bolt			Outside Flange			Inside Flange		
			Thick. (in.)	Width (in.)	Length (in.)	Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.625	11.00	30.47	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
2	1	KN(Face)	0.625	11.00	30.39	0.750	A325X/ST	3.00	31	Extended	3.75	12	Flush	2.00
3	2	SP	0.500	11.00	32.72	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
4	1	SP	0.500	11.00	32.73	0.750	A325X/ST	3.00	31	Extended	3.50	32	Extended	3.50/2.00
5	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	32	Extended	3.50/2.00	32	Extended	3.50/2.00
6	2	KN(Face)	0.500	11.00	28.50	0.750	A325X/ST	3.00	32	Extended	3.50/2.00	32	Extended	3.50/2.00

Mem. No.	Jt. No.	Required Strength - Out				Available Strength - Out			Required Strength - In				Available Strength - In		
		Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)
1	2	1	-9.5	16.2	1861.3	Thin plate	159.0	1831.6	34	10.9	11.1	1366.2	Thin plate	159.0	1632.3
2	1	1	-9.5	16.2	1861.3	Thin plate	159.0	1831.6	34	10.9	11.1	1366.2	Thin plate	159.0	1632.3
3	2	11	9.1	0.3	1175.4	Thin plate	159.0	1446.8	1	-9.8	1.2	1658.5	Thin plate	212.1	1686.7
4	1	11	9.1	0.3	1175.4	Thin plate	159.0	1446.8	1	-9.8	1.2	1658.5	Thin plate	212.1	1686.7
5	2	1	-11.3	15.0	1397.7	Thin plate	212.1	1423.4	11	9.3	11.5	1296.7	Thin plate	212.1	1423.4
6	2	1	-11.3	15.0	1397.7	Thin plate	212.1	1423.4	11	9.3	11.5	1296.7	Thin plate	212.1	1423.4

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	(2)FB2050	
2	4/5/7	6/0/8	(2)FB3014	
3	5/4/0	21/0/8	FB2090	
3	15/4/0	31/0/9	FB3024	
4	5/10/0	41/0/9	FB3024	
4	15/10/0	51/0/9	FB2114	
5	0/4/0	61/0/8	FB2090	
5	5/0/13	65/9/5	(2)FB2110	

Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	5-D	7.81	1.20	18.0	2	1.46	18.79	N				
						0.26	18.79	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

Mem. No.	Loc. ft	Depth in.	Load Case	Actual Forces Axial k	Shear k	Mom-x in-k	Mom-y in-k	Actual Stresses Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	Allowable --- Stress /Force --- Axial	Shear	Bnd-X	Bnd-Y	Stress Condition Sum % Bnd+Ax	% Shear
1	15.36	10.00	1	-17.5	-9.9	-1819.0	0.0	1.28	8.39	32.19	0.00	24.27	17.32	36.30	41.25	0.93	0.48
2	0.49	27.00	1	-9.5	16.2	-1861.3	0.0	1.18	3.75	27.54	0.00	20.70	7.60	31.96	41.25	0.90	0.49
3	15.34	24.01	11	9.1	-1.7	-1123.7	0.0	1.12	0.40	20.23	0.00	33.00	5.40	19.60	41.25	1.03	0.07
4	5.83	24.48	34	10.2	1.1	-1133.4	0.0	1.24	0.25	19.88	0.00	33.00	5.19	19.87	41.25	1.00	0.05
5	9.43	23.00	1	-11.3	-15.0	-1397.7	0.0	1.68	5.03	26.64	0.00	18.16	7.44	32.13	41.25	0.88	0.68
6	11.42	10.00	1	-16.8	9.9	-1353.0	0.0	1.65	8.15	32.00	0.00	27.23	16.84	36.11	40.77	0.94	0.48

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	15.36	10.00	13.68	4.55	2.76	184.27	35.0	19.4	60.8	12.7	7.0	56.51	35.0	3.06	19.4	3.04	1.00	1.00	1.10	1.01
2	0.49	27.00	8.07	10.64	0.98	821.20	19.4	51.8	77.2	19.7	52.6	67.59	19.4	1.25	51.8	1.25	1.00	1.00	1.01	1.24
3	15.34	24.01	8.11	9.42	0.98	821.20	60.0	60.0	87.1	61.1	61.1	55.54	120.1	1.29	120.0	1.29	1.00	1.00	1.21	1.01
4	5.83	24.48	8.20	9.59	0.98	821.20	60.0	60.0	85.6	61.4	61.4	57.03	120.0	1.28	120.0	1.28	1.00	1.00	1.03	1.15
5	9.43	23.00	6.74	9.46	1.08	821.20	52.3	15.4	86.8	48.6	14.3	52.47	52.3	1.32	15.4	1.31	1.00	0.97	1.32	1.01
6	11.42	10.00	10.21	4.55	2.44	137.06	47.8	15.4	45.2	19.6	6.3	42.28	47.8	2.71	15.4	2.68	1.00	1.00	1.19	1.01

Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 5

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/97)	1.524	6	2	14	W1>
Max. Vertical Deflection for Span 1	(L/233)	-3.559	3	2	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
129/6/0	13/3/0	Post & Beam	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	5.00	0.1345	0.1345	10.00	10.00	17.66	173.4	55.00	55.00	BP	KN	3P
2	5.00	0.1050	0.2100	8.50	8.50	4.00	48.4	55.00	55.00	KN	SS	2C
3	5.00	0.1050	0.2100	8.50	8.50	14.67	155.4	55.00	55.00	SS	SS	2C
4	5.00	0.1050	0.2100	8.50	8.50	4.69	49.7	55.00	55.00	SS	SS	2C
5	5.00	0.1050	0.2100	8.50	8.50	5.31	65.0	55.00	55.00	SS	SP	2C
6	5.00	0.0590	0.1180	8.50	8.50	13.38	95.4	55.00	55.00	SP	SP	2C
7	5.00	0.1050	0.2100	8.50	8.50	3.69	47.8	55.00	55.00	SP	SS	2C
8	5.00	0.1050	0.2100	8.50	8.50	5.31	56.2	55.00	55.00	SS	SS	2C
9	5.00	0.1050	0.2100	8.50	8.50	15.05	159.4	55.00	55.00	SS	SS	2C
10	5.00	0.1050	0.2100	8.50	8.50	4.00	42.4	55.00	55.00	SS	SS	2C
11	5.00	0.0590	0.1180	8.50	8.50	13.29	91.3	55.00	55.00	BP	SS	2C
12	5.00	0.0650	0.1300	8.50	8.50	15.48	114.0	55.00	55.00	BP	SS	2C
13	5.00	0.0590	0.1180	8.50	8.50	14.08	95.9	55.00	55.00	BP	SS	2C

Total Frame Weight = 1194.2 (p) (Includes all plates)
Frame Pricing Weight = 1327.2 (p) (Includes all pieces)

Sum of Forces with Reactions Check - Framing

Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	3.3	3.2
CG	0.0	0.0	2.8	2.8
L	0.0	0.0	16.7	16.7
ASL^	0.0	0.0	5.4	5.4
^ASL	0.0	0.0	11.4	11.4
W1>	5.5	5.5	11.6	11.6
<W1	3.1	3.1	19.9	19.9
W2>	4.6	4.6	5.4	5.4
<W2	4.0	4.0	13.7	13.7
CU	0.0	0.0	2.8	2.8
WPA1	0.1	0.1	9.5	9.5
WPD1	0.2	0.2	15.0	15.0
WPA2	1.0	1.0	3.3	3.3
WPD2	0.7	0.7	8.8	8.8
WPB1	0.1	0.1	10.0	10.0
WPC1	0.3	0.3	16.2	16.2
WPB2	1.0	1.0	3.8	3.8
WPC2	0.6	0.6	10.0	10.0

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	6-D	1	0.375	8	11	2	0.750	A36	OS-0.1875	OS-0.1875
24/4/0	6-C	12	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875
46/8/0	6-B	13	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	6-A	11	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S9	16.92	9.770	72.64	N/A	N/A	0.1875	2.000	Both	W-OS-0.1875
4	1	WSF	1.62	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	1	S2	0.35	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	2	WSF	1.93	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
7	1	WSF	3.22	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
8	1	S2	0.35	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
8	2	WSF	4.55	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
10	1	S2	3.69	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875

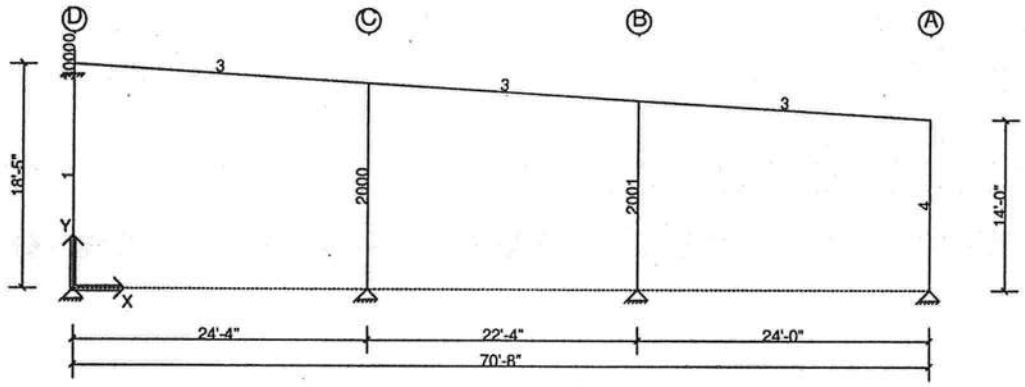
Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions			Bolt			Outside Flange			Inside Flange		
			Thick. (in.)	Width (in.)	Length (in.)	Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.375	6.00	9.00	0.750	A325/	3.00	11	Flush	2.50	11	Flush (0)	2.50
2	1	KN(Face)	0.375	6.00	9.50	0.750	A325/	3.00	11	Flush	2.50	11	Flush	2.50
5	2	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
6	1	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
6	2	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
7	1	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
11	2	CP	0.375	6.00	8.52	0.500	A325/	3.00	11	Flush (0)	2.50	11	Flush (0)	2.50
12	2	CP	0.375	6.00	8.50	0.500	A325/	3.00	11	Flush (0)	3.00	11	Flush (0)	3.00
13	2	CP	0.375	6.00	8.50	0.500	A325/	3.00	11	Flush (0)	3.00	11	Flush (0)	3.00

Mem. No.	Jt. No.	Required Strength - Out				Available Strength - Out			Required Strength - In				Available Strength - In		
		Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)
1	2	11		2.1	11.3		0.0	109.5	3		3.1	16.8		0.0	109.5
2	1	11		2.1	11.3		0.0	109.5	3		3.1	16.8		0.0	109.5
5	2	3	0.0	0.4	70.4	Thin plate	56.5	120.0	5	0.1	1.5	28.9	Thin plate	37.7	66.3
6	1	3	0.0	0.4	70.4	Thin plate	56.5	120.0	5	0.1	1.5	28.9	Thin plate	37.7	66.3
6	2	3	-0.0	0.6	79.8	Thin plate	56.5	119.6	34	1.7	1.3	47.3	Thin plate	37.7	66.0
7	1	3	-0.0	0.6	79.8	Thin plate	56.5	119.6	34	1.7	1.3	47.3	Thin plate	37.7	66.0
11	2	0		0.0	0.0		0.0	92.4	0		0.0	0.0		0.0	92.4
12	2	0		0.0	0.0		0.0	92.2	0		0.0	0.0		0.0	92.2
13	2	0		0.0	0.0		0.0	92.1	0		0.0	0.0		0.0	92.1

User Defined Frame Point Loads for Cross Section: 6

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF



Covering - Summary Report

Shape: Dollar General

Loads and Codes - Shape: Dollar General

City: Lake City **County:** Columbia **State:** Florida **Country:** United States
Building Code: 2004 Florida State Building Code
Building Use: Standard Occupancy Structures
Built Up: 89AISC
Cold Form: 04AISI
Rainfall: 6.00 inches per hour

Dead and Collateral Loads
Collateral Gravity:3.00 psf
Collateral Uplift: 3.00 psf

Roof Covering + Second. Dead Load: 2.24 psf
Frame Weight (assumed for seismic):2.50 psf

Live Load
Live Load: 20.00 psf Reducible

Wind Load
Wind Speed: 110.00 mph
Wind Exposure (Factor): B (0.701)
Parts Wind Exposure Factor: 0.701

Wind Enclosure: Enclosed
Wind Importance Factor: 1.000
Topographic Factor: 1.0000

NOT Windborne Debris Region
Base Elevation: 0/0/0
Primary Zone Strip Width: 12/11/10
Parts / Portions Zone Strip Width: 6/5/13
Basic Wind Pressure: 18.45 psf

Snow Load
Ground Snow Load: 0.00 psf
Design Snow (Sloped): 0.00 psf
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Snow Importance: 1.000
Thermal Category (Factor): Heated (1.00)
Ground / Roof Conversion: 1.00
% Snow Used in Seismic: 0.00
Seismic Snow Load: 0.00 psf
Obstructed or Not Slippery Roof

Seismic Load
N/A

Liberty Buildings assumes that the Customer has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

Covering Design Loads - Wall: 1

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
End Zone	psf	W1>	Need Lower Girt	26.56	0/0/0	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	0/0/0	20.000	1.00	IN	1.080
End Zone	psf	W1>	Need Lower Girt	26.56	64/2/3	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	64/2/3	20.000	1.00	IN	1.080
Interior Area	psf	W1>	Need Lower Girt	21.58	6/5/13	28.000	0.77	OUT	-1.170
Interior Area	psf	<W2	Standard Spacing is Adequate	19.92	6/5/13	20.000	1.00	IN	1.080

Covering Design Loads - Wall: 2

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
End Zone	psf	W1>	Need Lower and Upper Girt	26.56	0/0/0	49.000	0.54	OUT	-1.440
End Zone	psf	<W2	Need Lower Girt	19.92	0/0/0	25.000	0.80	IN	1.080
End Zone	psf	W1>	Need Lower and Upper Girt	26.56	123/6/3	49.000	0.54	OUT	-1.440
End Zone	psf	<W2	Need Lower Girt	19.92	123/6/3	25.000	0.80	IN	1.080
Interior Area	psf	W1>	Need Lower Girt	21.58	6/5/13	23.000	0.94	OUT	-1.170
Interior Area	psf	<W2	Need Lower Girt	19.92	6/5/13	25.000	0.80	IN	1.080

Covering Design Loads - Wall: 3

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
End Zone	psf	W1>	Need Lower Girt	26.56	0/0/0	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	0/0/0	20.000	1.00	IN	1.080
End Zone	psf	W1>	Need Lower Girt	26.56	64/2/3	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	64/2/3	20.000	1.00	IN	1.080
Interior Area	psf	W1>	Need Lower Girt	21.58	6/5/13	28.000	0.77	OUT	-1.170
Interior Area	psf	<W2	Standard Spacing is Adequate	19.92	6/5/13	20.000	1.00	IN	1.080

Covering Design Loads - Wall: 4

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
End Zone	psf	W1>	Need Lower Girt	26.56	0/0/0	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	0/0/0	20.000	1.00	IN	1.080
End Zone	psf	W1>	Need Lower Girt	26.56	123/6/3	28.000	0.95	OUT	-1.440
End Zone	psf	<W2	Standard Spacing is Adequate	19.92	123/6/3	20.000	1.00	IN	1.080
Interior Area	psf	W1>	Need Lower Girt	21.58	6/5/13	28.000	0.77	OUT	-1.170
Interior Area	psf	<W2	Standard Spacing is Adequate	19.92	6/5/13	20.000	1.00	IN	1.080

Covering Design Loads - Roof: A

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
Entire Surface	psf	L	Standard Spacing is Adequate	21.17	0/0/0	86.000	0.25	IN	1.000
Corner Zone	psf	W1>	Non-std Spacing: 3/9/0 Required	50.11	25/11/3	50.000	1.00	OUT	-2.780
Corner Zone	psf	<W2	Standard Spacing is Adequate	11.17	25/11/3	86.000	0.13	IN	0.542
Exterior Edge Zone	psf	W1>	Standard Spacing is Adequate	35.36	12/11/10	39.000	0.91	OUT	-1.980
Exterior Edge Zone	psf	<W2	Standard Spacing is Adequate	11.17	12/11/10	86.000	0.13	IN	0.542
Exterior Edge Zone	psf	W1>	Standard Spacing is Adequate	35.36	117/0/6	39.000	0.91	OUT	-1.980
Exterior Edge Zone	psf	<W2	Standard Spacing is Adequate	11.17	117/0/6	86.000	0.13	IN	0.542
Corner Zone	psf	W1>	Non-std Spacing: 3/9/0 Required	50.11	104/0/13	50.000	1.00	OUT	-2.780
Corner Zone	psf	<W2	Standard Spacing is Adequate	11.17	104/0/13	86.000	0.13	IN	0.542
Interior Edge Zone	psf	W1>	Standard Spacing is Adequate	31.67	12/11/10	39.000	0.81	OUT	-1.780
Interior Edge Zone	psf	<W2	Standard Spacing is Adequate	11.17	12/11/10	86.000	0.13	IN	0.542
Side Zone	psf	W1>	Standard Spacing is Adequate	26.13	117/0/6	39.000	0.67	OUT	-1.480
Side Zone	psf	<W2	Standard Spacing is Adequate	11.17	117/0/6	86.000	0.13	IN	0.542
Interior Edge Zone	psf	W1>	Standard Spacing is Adequate	31.67	117/0/6	39.000	0.81	OUT	-1.780
Interior Edge Zone	psf	<W2	Standard Spacing is Adequate	11.17	117/0/6	86.000	0.13	IN	0.542
Interior Edge Zone	psf	W1>	Standard Spacing is Adequate	31.67	25/11/3	39.000	0.81	OUT	-1.780
Interior Edge Zone	psf	<W2	Standard Spacing is Adequate	11.17	25/11/3	86.000	0.13	IN	0.542
Interior Area	psf	W1>	Standard Spacing is Adequate	22.44	12/11/10	39.000	0.58	OUT	-1.280
Interior Area	psf	<W2	Standard Spacing is Adequate	11.17	12/11/10	86.000	0.13	IN	0.542

Covering Design Loads - Wall: 4 - Parapet/Facade: 1

Zone	Units	Type	Description	Actual	Loc1	Allow.	Ratio	Dir.	Coef.
End Zone in Extension	psf	W1>	Standard Spacing is Adequate	22.29	0/0/0	34.000	0.66	OUT	-1.260
End Zone in Extension	psf	<W2	Standard Spacing is Adequate	17.55	0/0/0	41.000	0.43	IN	0.900
End Zone in Extension	psf	W1>	Standard Spacing is Adequate	22.29	122/11/3	34.000	0.66	OUT	-1.260
End Zone in Extension	psf	<W2	Standard Spacing is Adequate	17.55	122/11/3	41.000	0.43	IN	0.900
Interior Area in Extension	psf	W1>	Standard Spacing is Adequate	17.31	7/0/13	34.000	0.51	OUT	-0.990
Interior Area in Extension	psf	<W2	Standard Spacing is Adequate	17.55	7/0/13	41.000	0.43	IN	0.900

Panel Data

Wall/Roof	Type	Thickness	Finish	Color	Direction	Gable Dir	Max. Length
Wall: 1	Liberty Rib II	26	SP	Light Stone	Left to Right	Peak Out	41/0/0
Wall: 2	Liberty Rib II	26	SP	Light Stone	Left to Right	Peak Out	41/0/0
Wall: 3	Liberty Rib II	26	SP	Light Stone	Left to Right	Peak Out	41/0/0
Wall: 4	Liberty Rib II	26	KXL	Patrician Bronze	Left to Right	Peak Out	41/0/0
Location: 2	NBLBS - Masonry	8"	psf = 40.00	Supported by others=no			
Facade: 1	Liberty Rib II	26	KXL	Patrician Bronze	Left to Right	Peak Out	41/0/0
Location	NBLBS - Masonry	8"	psf = 40.00	Supported by others=no			
Roof: A	Liberty Loc	24	Galvalume	Standard Color	System Generated	Not Applicable	45/0/0

Fastener Data

Wall/Roof	Type	Length	Spacing	Washers	Insul. Block	Mod. Ctrl.	Ice Damming
Wall: 1	Color Match Carbon	Standard Option	Standard Option	No	None	No	No
Wall: 2	Color Match Carbon	Standard Option	Standard Option	No	None	No	No
Wall: 3	Color Match Carbon	Standard Option	Standard Option	No	None	No	No
Wall: 4	Color Match Carbon	Standard Option	Standard Option	No	None	No	No
Location: 2	Not Applicable						
Facade: 1	Color Match Carbon	Standard Option	Standard Option	No	None	No	No
Location	Not Applicable						
Roof: A	Stainless Steel Capped	Standard Option	Standard Option	Yes	Thermal Block	No	No

Deflection Load Combinations - Framing

No.	Origin	Factor	Def H	Def V	Application	Description
1	System	1.000	0	180	1.0 L	L
2	System	1.000	0	180	0.700 W1>	W1>
3	System	1.000	0	180	0.700 <W1	<W1
4	System	1.000	0	180	0.700 W2>	W2>
5	System	1.000	0	180	0.700 <W2	<W2
6	System Derived	1.000	0	180	0.700 WPA1	WPA1
7	System Derived	1.000	0	180	0.700 WPD1	WPD1
8	System Derived	1.000	0	180	0.700 WPA2	WPA2
9	System Derived	1.000	0	180	0.700 WPD2	WPD2
10	System Derived	1.000	0	180	0.700 WPB1	WPB1
11	System Derived	1.000	0	180	0.700 WPC1	WPC1
12	System Derived	1.000	0	180	0.700 WPB2	WPB2
13	System Derived	1.000	0	180	0.700 WPC2	WPC2
14	System	1.000	100	0	0.700 W1>	W1>
15	System	1.000	100	0	0.700 <W1	<W1
16	System	1.000	100	0	0.700 W2>	W2>
17	System	1.000	100	0	0.700 <W2	<W2
18	System Derived	1.000	100	0	0.700 WPA1	WPA1
19	System Derived	1.000	100	0	0.700 WPD1	WPD1
20	System Derived	1.000	100	0	0.700 WPA2	WPA2
21	System Derived	1.000	100	0	0.700 WPD2	WPD2
22	System Derived	1.000	100	0	0.700 WPB1	WPB1
23	System Derived	1.000	100	0	0.700 WPC1	WPC1
24	System Derived	1.000	100	0	0.700 WPB2	WPB2
25	System Derived	1.000	100	0	0.700 WPC2	WPC2

Controlling Frame Deflection Ratios for Cross Section: 6

Description	Ratio	Deflection (in.)	Member	Joint	Load Case	Load Case Description
Max. Horizontal Deflection	(H/12231)	0.013	11	2	23	WPC1
Max. Vertical Deflection for Span 1	(L/602)	-0.462	2	2	1	L
Max. Vertical Deflection for Span 2	(L/2972)	-0.090	6	2	11	WPC1
Max. Vertical Deflection for Span 3	(L/557)	-0.509	9	2	1	L

* Negative horizontal deflection is left
* Negative vertical deflection is down

Lateral deflections of primary frames are calculated on a bare frame basis and do not include resistance from systems such as roof and endwall diaphragms. Therefore, these deflections may be considerably overstated.

Flange Brace Summary

Member	From Member Joint 1	From Side Point 1	Part	Design Note
1	12/5/4	12/5/4	FB2054	
3	1/3/8	6/0/8	FB2050	
3	11/3/8	16/0/9	FB2050	
4	1/7/7	21/0/8	FB2014	
5	1/11/3	26/0/8	FB2014	
6	6/7/7	36/0/9	FB2050	
7	3/2/15	46/0/9	FB2014	
8	4/6/10	51/0/8	FB2014	
9	13/11/12	65/9/5	FB2050	

Top of Post Summary

X-Loc	Grid	Top Reaction	Conn. Force	Condition	Flg Mn Moment	Rb Allow Shear	Comp	FB Force R1	FB Angle R2	Min Purlin	FB/SFB	Purlin Bearing	Bolt Shear	FB/WSF Bearing
24/4/0	6-C	3.12	1.23	Std	49.34	2.22	N	0.43	18.72	0.105	FB	4.41	4.71	3.43
							N	0.86	18.72	0.092	FB	3.86	4.71	3.43
46/8/0	6-B	2.84	0.95	Std	49.34	4.02	N	0.86	18.72	0.092	FB	3.86	4.71	3.43
							N	0.14	18.72	0.105	FB	4.41	4.71	3.43

Parapet Post Summary

X-Loc	Grid	Moment	Shear	Attachment Length	Parapet Size	Reaction	Column bearing	Stiffener required?	Allowable w/stiff	Stiff Width	Thickness	Length
0/0/0	6-D	5.12	0.79	18.0	2	0.96	11.97	N				
						0.17	11.97	N				

Frame Design Member Summary - Controlling Load Case and Maximum Combined Stresses per Member (Locations are from Joint 1)

				Actual Forces				Actual Stresses				Allowable				Stress Condition	
Mem. No.	Loc. ft	Depth in.	Load Case	Axial k	Shear k	Mom-x in-k	Mom-y in-k	Axial ksi	Shear ksi	Bnd-X ksi	Bnd-Y ksi	--- Axial	Stress Shear	/Force Bnd-X	--- Bnd-Y	Sum % Bnd+Ax	% Shear
1	10.02	10.00	22	1.5	0.7	-108.8	0.0	0.57	0.52	13.70	0.00	33.00	15.57	13.62	23.97	1.01	0.03
2	3.56	8.50	3	0.1	2.1	115.1	0.0	-	-	-	-	102.03	24.34	247.99	36.94	0.47	0.09
3	6.29	8.50	3	0.0	0.2	201.9	0.0	-	-	-	-	1.00	24.34	247.99	59.08	0.81	0.01
4	5.02	8.50	4	-0.3	-4.5	-230.3	0.0	-	-	-	-	39.60	24.34	247.99	59.08	0.94	0.18
5	0.00	8.50	4	0.2	4.0	-230.3	0.0	-	-	-	-	102.03	24.34	247.99	59.08	0.93	0.16
6	13.38	8.50	3	-0.0	-0.6	-79.8	0.0	-	-	-	-	1.00	4.71	99.01	59.08	0.81	0.12
7	4.02	8.50	5	-0.3	-4.0	-233.9	0.0	-	-	-	-	40.48	24.34	247.99	24.83	0.95	0.16
8	0.00	8.50	5	0.3	4.5	-233.9	0.0	-	-	-	-	102.03	24.34	247.99	59.08	0.95	0.19
9	9.24	8.50	3	-0.0	-0.3	208.1	0.0	-	-	-	-	1.00	24.34	247.99	59.08	0.84	0.01
10	0.00	8.50	3	-0.1	-2.2	120.5	0.0	-	-	-	-	38.51	24.34	247.99	59.08	0.49	0.09
11	5.72	8.50	9	1.0	-0.1	44.8	0.0	-	-	-	-	55.86	4.71	122.51	59.08	0.37	0.03
12	7.92	8.50	6	2.0	0.0	-148.6	0.0	-	-	-	-	62.05	6.31	144.71	24.83	1.03	0.00
13	7.22	8.50	6	2.1	0.0	-123.6	0.0	-	-	-	-	55.86	4.71	122.51	30.76	1.01	0.00

Mem. No.	Loc. ft	Depth in.	Area in.2	Rx in.	Ry in.	Lx in.	Ly-1 in.	Ly-2 in.	Klx /Rx	Kly1 /Ry	Kly2 /Ry	Sx in.3	Lb1 in.	Rt-1 in.	Lb2 in.	Rt-2 in.	Qs	Qa	Cb1	Cb2
1	10.02	10.00	2.65	4.03	1.03	202.81	120.3	0.0	50.4	117.0	0.0	7.94	149.3	1.34	0.0	0.00	0.73	1.00	1.00	1.00
2	3.56	8.50	3.10	3.21	1.20	273.77	52.9	0.0	85.4	44.0	0.0	7.53	52.9	1.61	0.0	0.00	-	-	1.45	0.00
3	6.29	8.50	3.10	3.21	1.20	273.77	60.0	60.0	85.4	49.9	49.9	7.53	60.0	1.61	60.0	1.61	-	-	1.08	1.03
4	5.02	8.50	3.10	3.21	1.20	273.77	60.0	0.0	85.4	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	1.24	0.00
5	0.00	8.50	3.10	3.21	1.20	268.52	60.0	0.0	83.7	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	2.30	0.00
6	13.38	8.50	1.70	3.23	1.13	268.52	60.0	0.0	83.1	53.0	0.0	3.72	120.0	1.61	0.0	0.00	-	-	1.54	0.00
7	4.02	8.50	3.10	3.21	1.20	268.52	60.0	0.0	83.7	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	1.42	0.00
8	0.00	8.50	3.10	3.21	1.20	280.31	60.0	0.0	87.4	49.9	0.0	7.53	60.0	1.61	0.0	0.00	-	-	2.30	0.00
9	9.24	8.50	3.10	3.21	1.20	280.31	60.0	56.8	87.4	49.9	47.2	7.53	60.0	1.61	56.8	1.61	-	-	1.02	1.09
10	0.00	8.50	3.10	3.21	1.20	280.31	52.9	0.0	87.4	43.9	0.0	7.53	52.9	1.61	0.0	0.00	-	-	2.30	0.00
11	5.72	8.50	1.70	3.23	1.13	151.50	41.3	0.0	46.9	36.4	0.0	3.72	41.3	1.58	0.0	0.00	-	-	1.00	1.00
12	7.92	8.50	1.88	3.23	1.15	189.98	60.0	0.0	58.8	52.1	0.0	4.39	60.0	1.56	0.0	0.00	-	-	1.00	1.00
13	7.22	8.50	1.70	3.23	1.13	173.23	41.3	0.0	53.6	36.4	0.0	3.72	41.3	1.58	0.0	0.00	-	-	1.00	1.00

Frame Member Releases

Member	Joint 1	Joint 2
2	Yes	No
11	No	Yes
12	No	Yes
13	No	Yes

Boundary Condition Summary

Member	X-Loc	Y-Loc	Supp. X	Supp. Y	Moment	Displacement X(in.)	Displacement Y(in.)	Displacement ZZ(rad.)
1	0/0/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
11	70/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
12	24/4/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000
13	46/8/0	0/0/0	Yes	Yes	No	0/0/0	0/0/0	0.0000

Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 6

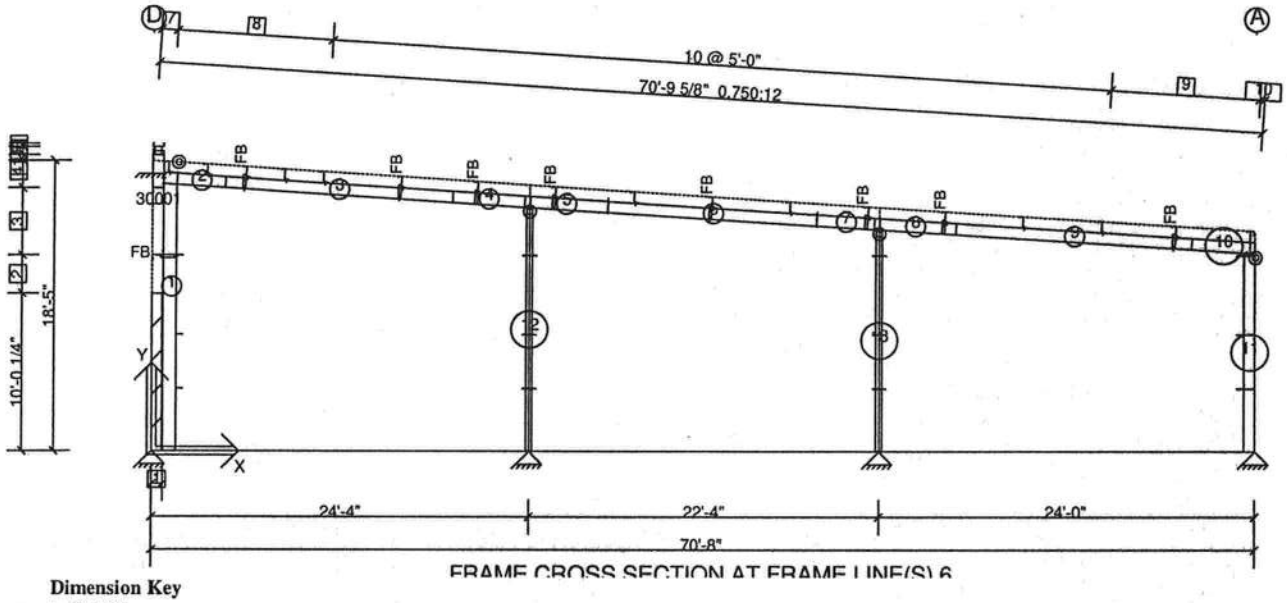
Type		Exterior Column		Interior Column			Interior Column			Exterior Column		
X-Loc		0/0/0		24/4/0			46/8/0			70/8/0		
Grid1 - Grid2		6-D		6-C			6-B			6-A		
Base Plate W x L (in.)		8 x 11		8 x 10			8 x 10			8 x 10		
Base Plate Thickness (in.)		0.375		0.375			0.375			0.375		
Anchor Rod Qty/Diam. (in.)		2 - 0.750		2 - 0.750			2 - 0.750			2 - 0.750		
Column Base Elev.		100'-0"		100'-0"			100'-0"			100'-0"		
Load Type	Desc.	Hx	Vy	Hx	Hz	Vy	Hx	Hz	Vy	Hx	Vy	
D	Frm	-	0.6	-	-	1.1	-	-	1.1	-	0.5	-
CG	Frm	-	0.4	-	-	1.0	-	-	1.0	-	0.4	-
L	Frm	-	2.4	-	-	5.9	-	-	6.0	-	2.3	-
ASL^	Frm	-	-0.3	-	-	3.0	-	-	3.0	-	-0.3	-
^ASL	Frm	-	2.8	-	-	2.9	-	-	3.0	-	2.6	-
W1>	Frm	-0.8	-1.6	-	3.1	-4.1	-	2.9	-4.2	-0.9	-1.7	-
<W1	Frm	0.9	-3.0	-	-2.8	-7.1	-	-2.6	-7.2	0.6	-2.7	-
W2>	Frm	-0.9	-0.8	-	-	-1.9	-	-	-1.9	-0.3	-0.8	-
<W2	Frm	0.7	-2.1	-	-	-4.9	-	-	-4.9	1.2	-1.8	-
CU	Frm	-	0.4	-	-	1.0	-	-	1.0	-	0.4	-
WPA1	Brc	0.9	-1.3	-	-	-3.4	-	-	-3.4	-1.0	-1.4	-
WPD1	Brc	0.9	-2.1	-	-	-5.3	-	-	-5.4	-1.0	-2.2	-
WPA2	Brc	0.8	-0.4	-	-	-1.2	-	-	-1.2	-0.4	-0.5	-
WPD2	Brc	0.8	-1.3	-	-	-3.1	-	-	-3.2	-0.4	-1.3	-
WPB1	Brc	0.9	-1.3	-	-	-3.3	-	-	-3.6	-1.0	-1.7	-
WPC1	Brc	0.9	-2.1	-	-	-5.2	-	-	-5.9	-1.0	-3.0	-
WPB2	Brc	0.8	-0.5	-	-	-1.1	-	-	-1.4	-0.4	-0.8	-
WPC2	Brc	0.8	-1.3	-	-	-3.0	-	-	-3.6	-0.4	-2.1	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	6-D	0.9	8	0.9	21	-	-	-	-	2.4	11	3.8	3	-	-	-	-
24/4/0	6-C	-	-	-	-	2.8	7	3.1	6	5.8	11	8.6	4	-	-	-	-
46/8/0	6-B	-	-	-	-	2.6	7	2.9	6	5.9	11	8.7	5	-	-	-	-
70/8/0	6-A	1.0	18	1.2	9	-	-	-	-	2.5	34	3.5	3	-	-	-	-

Wall: 4, Frame at: 129/6/0

Frame Cross Section: 6



FRAME CROSS SECTION AT FRAME LINE(S) 6

Dimension Key

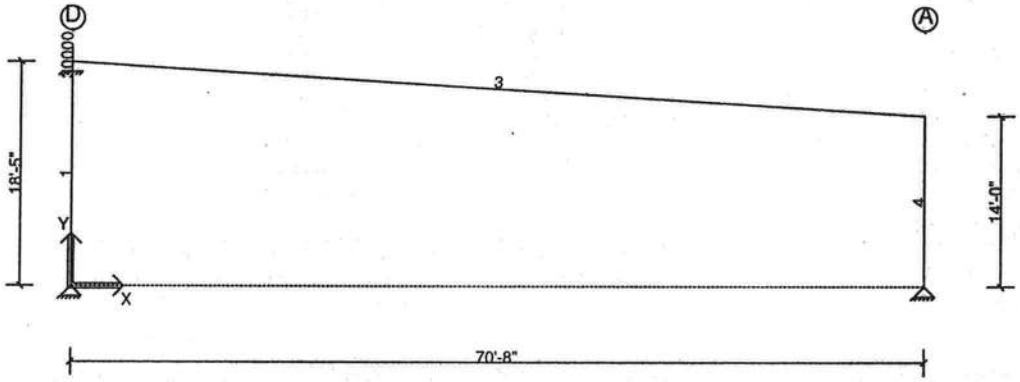
1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 9/16"
8 4 @ 2'-6"
9 2 @ 4'-8 13/16"
10 3 1/2"
11 4'-0"
12 3'-5 1/4"
13 1'-6 3/4"
14 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX010) and 11(CGX002): 68'-5"
Vert. Clearance at member 1(CX010): 16'-10 13/16"
Vert. Clearance at member 11(CGX002): 12'-7 1/2"
Vert. Clearance at member 12(EGX003): 15'-5 11/16"
Vert. Clearance at member 13(EGX004): 14'-0 15/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

User Defined Frame Point Loads for Cross Section: 5

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF



Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 5

Type		Exterior Column			Exterior Column					
X-Loc		0/0/0			70/8/0					
Grid1 - Grid2		5-D			5-A					
Base Plate W x L (in.)		11 x 11			10 x 11					
Base Plate Thickness (in.)		0.375			0.375					
Anchor Rod Qty/Diam. (in.)		4 - 0.750			4 - 0.750					
Column Base Elev.		100'-0"			100'-0"					
Load Type	Desc.	Hx	Hz	Vy	Hx	Hz	Vy			
D	Frm	1.8	-	3.7	-1.8	-	3.3	-	-	-
CG	Frm	1.6	-	2.8	-1.6	-	2.7	-	-	-
L	Frm	6.5	-	11.0	-6.5	-	10.8	-	-	-
ASL^	Frm	-	-	-	-	-	-	-	-	-
^ASL	Frm	-	-	-	-	-	-	-	-	-
W1>	Frm	-9.5	-	-11.1	0.2	-	-8.0	-	-	-
<W1	Frm	-6.6	-	-14.8	11.8	-	-15.9	-	-	-
W2>	Frm	-5.8	-	-4.9	-1.8	-	-2.1	-	-	-
<W2	Frm	-2.8	-	-8.6	9.8	-	-10.0	-	-	-
CU	Frm	1.6	-	2.8	-1.6	-	2.7	-	-	-
WPA1	Brc	-3.9	-	-6.0	4.1	-	-7.4	-	-	-
WPD1	Brc	-7.2	4.2	-17.7	6.8	3.8	-16.6	-	-	-
WPA2	Brc	-0.1	-	0.2	2.1	-	-1.5	-	-	-
WPD2	Brc	-3.5	4.2	-11.4	4.8	3.8	-10.7	-	-	-
WPB1	Brc	-4.0	-	-6.5	4.2	-	-8.0	-	-	-
WPC1	Brc	-7.6	3.7	-17.5	7.0	4.2	-18.9	-	-	-
WPB2	Brc	-0.3	-	-0.3	2.2	-	-2.2	-	-	-
WPC2	Brc	-3.8	3.7	-11.3	5.0	4.2	-13.0	-	-	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	5-D	7.5	10	9.9	1	-	-	4.2	27	13.8	22	17.5	1	-	-	-	-
70/8/0	5-A	9.9	1	9.8	11	-	-	4.2	33	15.3	34	16.8	1	-	-	-	-

Sum of Forces with Reactions Check - Framing

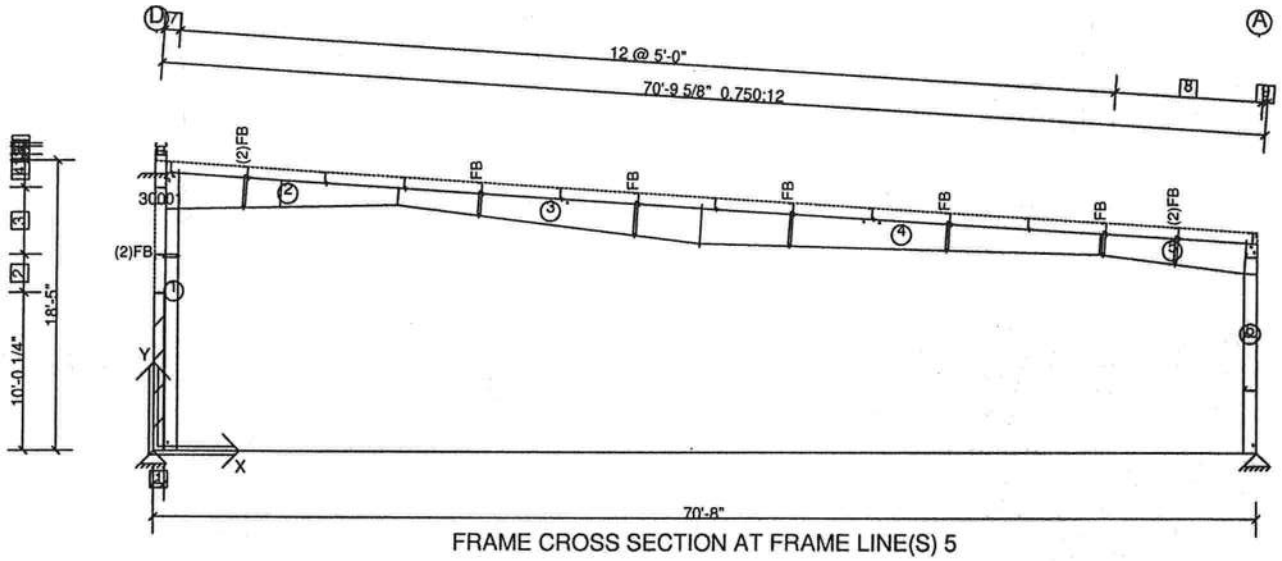
Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	7.4	7.0
CG	0.0	0.0	5.5	5.5
L	0.0	0.0	21.8	21.8
ASL^	0.0	0.0	0.0	0.0
^ASL	0.0	0.0	0.0	0.0
W1>	9.3	9.3	19.1	19.1
<W1	5.3	5.3	30.7	30.7
W2>	7.6	7.6	7.0	7.0
<W2	7.0	7.0	18.6	18.6
CU	0.0	0.0	5.5	5.5
WPA1	0.3	0.3	18.5	13.4
WPD1	0.4	0.4	29.2	34.3
WPA2	2.0	2.0	6.4	1.3
WPD2	1.3	1.3	17.1	22.2
WPB1	0.2	0.2	19.4	14.6
WPC1	0.6	0.6	31.5	36.4
WPB2	1.9	1.9	7.4	2.5
WPC2	1.2	1.2	19.5	24.3

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	5-D	1	0.375	11	11	4	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	5-A	6	0.375	10	11	4	0.750	A36	OS-0.1875	OS-0.1875

Wall: 4, Frame at: 104/0/0

Frame Cross Section: 5



FRAME CROSS SECTION AT FRAME LINE(S) 5

Dimension Key

1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 9/16"
8 2 @ 4'-8 13/16"
9 3 1/2"
10 4'-0"
11 3'-5 1/4"
12 1'-6 3/4"
13 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX008) and 6(CX009): 68'-3 5/16"
Vert. Clearance at member 1(CX008): 15'-3 3/4"
Vert. Clearance at member 6(CX009): 11'-2 5/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

User Defined Frame Point Loads for Cross Section: 4

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	D	Canopy Loading	14.24	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	CG	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CG	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	L	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	L	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	^ASL	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	W1>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W1>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W1>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W1	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W1	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W1	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	W2>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W2>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W2>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W2	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W2	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W2	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	CU	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CU	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	WPA1	Canopy Loading	-0.45	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA1	Canopy Loading	1.35	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA1	Canopy Loading	-60.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD1	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD1	Canopy Loading	1.05	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD1	Canopy Loading	-47.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPA2	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA2	Canopy Loading	1.32	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA2	Canopy Loading	-59.21	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD2	Canopy Loading	-0.34	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD2	Canopy Loading	1.01	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD2	Canopy Loading	-45.67	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB1	Canopy Loading	-0.45	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB1	Canopy Loading	1.35	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB1	Canopy Loading	-60.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC1	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC1	Canopy Loading	1.05	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC1	Canopy Loading	-47.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB2	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB2	Canopy Loading	1.32	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB2	Canopy Loading	-59.21	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC2	Canopy Loading	-0.34	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC2	Canopy Loading	1.01	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC2	Canopy Loading	-45.67	14/1/5	NA	NA	N	IN	1.000	OF
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF

Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 4

Type		Exterior Column			Exterior Column					
X-Loc		0/0/0			70/8/0					
Grid1 - Grid2		4-D			4-A					
Base Plate W x L (in.)		10 x 11			8 x 11					
Base Plate Thickness (in.)		0.375			0.375					
Anchor Rod Qty/Diam. (in.)		4 - 0.750			4 - 0.750					
Column Base Elev.		100'-0"			100'-0"					
Load Type	Desc.	Hx	Hz	Vy	Hx	Hz	Vy			
D	Frm	1.6	-	3.6	-1.6	-	3.3	-	-	-
CG	Frm	1.6	-	3.0	-1.6	-	2.7	-	-	-
L	Frm	6.2	-	12.7	-6.2	-	10.8	-	-	-
ASL^	Frm	-	-	-	-	-	-	-	-	-
^ASL	Frm	-0.2	-	3.1	0.2	-	-0.1	-	-	-
W1>	Frm	-8.5	-	-13.4	0.2	-	-7.8	-	-	-
<W1	Frm	-5.7	-	-15.1	11.1	-	-15.3	-	-	-
W2>	Frm	-4.8	-	-7.1	-1.8	-	-1.9	-	-	-
<W2	Frm	-2.0	-	-8.8	9.2	-	-9.4	-	-	-
CU	Frm	1.6	-	3.0	-1.6	-	2.7	-	-	-
WPA1	Brc	-3.7	-4.2	-14.2	4.3	-3.8	-12.2	-	-	-
WPD1	Brc	-6.4	-	-12.1	6.5	-	-12.0	-	-	-
WPA2	Brc	0.0	-4.2	-7.9	2.3	-3.8	-6.3	-	-	-
WPD2	Brc	-2.8	-	-5.8	4.5	-	-6.1	-	-	-
WPB1	Brc	-3.9	-3.7	-13.9	4.4	-4.2	-13.5	-	-	-
WPC1	Brc	-6.8	-	-12.7	6.7	-	-13.8	-	-	-
WPB2	Brc	-0.2	-3.7	-7.6	2.4	-4.2	-7.5	-	-	-
WPC2	Brc	-3.1	-	-6.4	4.7	-	-7.9	-	-	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	4-D	6.6	10	9.4	1	4.2	24	-	-	11.2	11	19.3	1	-	-	-	-
70/8/0	4-A	9.4	1	9.2	11	4.2	30	-	-	11.7	11	16.8	1	-	-	-	-

Sum of Forces with Reactions Check - Framing

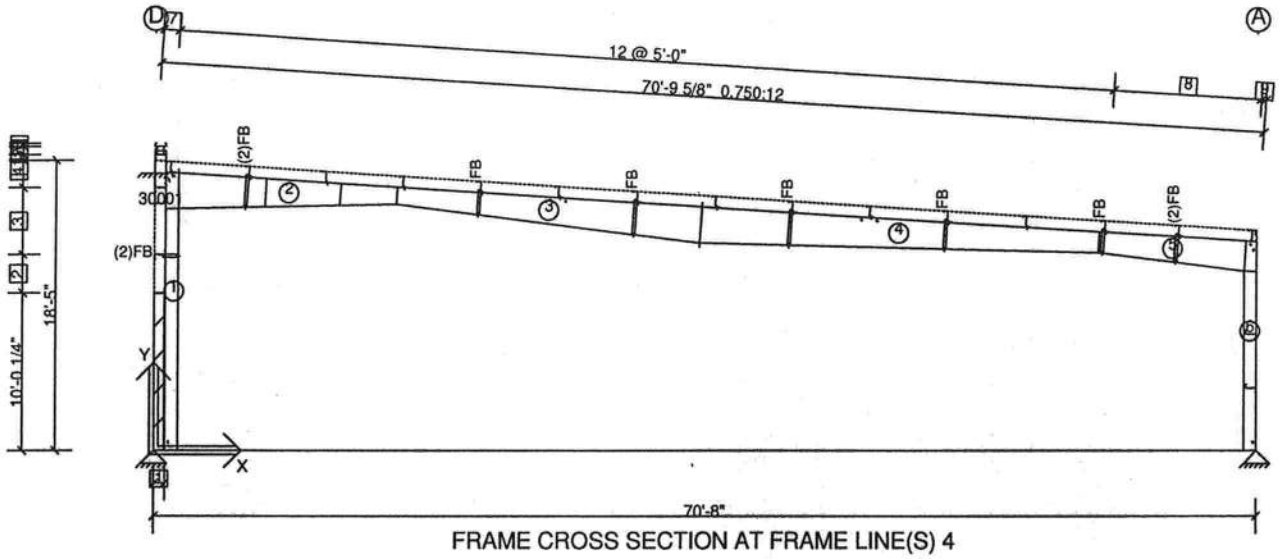
Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	7.2	6.9
CG	0.0	0.0	5.7	5.7
L	0.0	0.0	23.5	23.5
ASL^	0.0	0.0	0.0	0.0
^ASL	0.0	0.0	3.0	3.0
W1>	8.3	8.3	21.2	21.2
<W1	5.5	5.5	30.4	30.4
W2>	6.5	6.5	9.0	9.0
<W2	7.2	7.2	18.2	18.2
CU	0.0	0.0	5.7	5.7
WPA1	0.6	0.6	21.3	26.4
WPD1	0.0	0.0	29.2	24.1
WPA2	2.3	2.3	9.1	14.2
WPD2	1.7	1.7	16.9	11.9
WPB1	0.6	0.6	22.5	27.4
WPC1	0.1	0.1	31.4	26.5
WPB2	2.3	2.3	10.3	15.2
WPC2	1.6	1.6	19.1	14.3

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	4-D	1	0.375	10	11	4	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	4-A	6	0.375	8	11	4	0.750	A36	OS-0.1875	OS-0.1875

Wall: 4, Frame at: 78/0/0

Frame Cross Section: 4



FRAME CROSS SECTION AT FRAME LINE(S) 4

Dimension Key

1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 9/16"
8 2 @ 4'-8 13/16"
9 3 1/2"
10 4'-0"
11 3'-5 1/4"
12 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX006) and 6(CX007): 68'-3 1/2"
Vert. Clearance at member 1(CX006): 15'-3 3/4"
Vert. Clearance at member 6(CX007): 11'-4 9/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

User Defined Frame Point Loads for Cross Section: 3

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	k	D	Canopy Loading	-0.33	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	D	Canopy Loading	14.24	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	CG	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CG	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	L	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	L	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	^ASL	Canopy Loading	-1.48	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	^ASL	Canopy Loading	66.19	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	W1>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W1>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W1>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W1	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W1	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W1	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	W2>	Canopy Loading	-0.85	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	W2>	Canopy Loading	2.54	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	W2>	Canopy Loading	-114.32	14/1/5	NA	NA	N	IN	1.000	OF
1	k	<W2	Canopy Loading	-0.31	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	<W2	Canopy Loading	0.93	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	<W2	Canopy Loading	-41.86	14/1/5	NA	NA	N	IN	1.000	OF
1	k	CU	Canopy Loading	-0.22	14/1/5	NA	NA	N	DOWN	1.000	OF
1	in-k	CU	Canopy Loading	10.01	14/1/5	NA	NA	N	OUT	1.000	OF
1	k	WPA1	Canopy Loading	-0.36	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA1	Canopy Loading	1.07	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA1	Canopy Loading	-48.28	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD1	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD1	Canopy Loading	1.33	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD1	Canopy Loading	-59.90	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPA2	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPA2	Canopy Loading	1.04	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPA2	Canopy Loading	-46.63	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPD2	Canopy Loading	-0.43	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPD2	Canopy Loading	1.29	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPD2	Canopy Loading	-58.25	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB1	Canopy Loading	-0.36	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB1	Canopy Loading	1.07	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB1	Canopy Loading	-48.28	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC1	Canopy Loading	-0.44	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC1	Canopy Loading	1.33	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC1	Canopy Loading	-59.90	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPB2	Canopy Loading	-0.35	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPB2	Canopy Loading	1.04	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPB2	Canopy Loading	-46.63	14/1/5	NA	NA	N	IN	1.000	OF
1	k	WPC2	Canopy Loading	-0.43	14/1/5	NA	NA	N	LEFT	1.000	OF
1	k	WPC2	Canopy Loading	1.29	14/1/5	NA	NA	N	UP	1.000	OF
1	in-k	WPC2	Canopy Loading	-58.25	14/1/5	NA	NA	N	IN	1.000	OF
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3120.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3120.00	10/0/0	NA	NA	N	LEFT	1.000	OF

Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 3

Type		Exterior Column		Exterior Column				
X-Loc		0/0/0		70/8/0				
Grid1 - Grid2		3-D		3-A				
Base Plate W x L (in.)		13 x 11		10 x 11				
Base Plate Thickness (in.)		0.375		0.375				
Anchor Rod Qty/Diam. (in.)		4 - 0.750		4 - 0.750				
Column Base Elev.		100'-0"		100'-0"				
Load Type	Desc.	Hx	Vy	Hx	Vy			
D	Frm	1.8	4.2	-1.8	3.3	-	-	-
CG	Frm	1.7	3.0	-1.7	2.7	-	-	-
L	Frm	6.6	12.7	-6.6	10.8	-	-	-
ASL^	Frm	-	-	-	-	-	-	-
^ASL	Frm	-0.2	1.6	0.2	-0.1	-	-	-
W1>	Frm	-9.0	-13.4	0.7	-7.8	-	-	-
<W1	Frm	-6.2	-15.1	11.6	-15.3	-	-	-
W2>	Frm	-5.1	-7.1	-1.5	-1.9	-	-	-
<W2	Frm	-2.2	-8.8	9.4	-9.4	-	-	-
CU	Frm	1.7	3.0	-1.7	2.7	-	-	-
WPA1	Brc	-6.9	-15.1	6.9	-14.1	-	-	-
WPD1	Brc	-4.1	-11.2	4.7	-10.2	-	-	-
WPA2	Brc	-3.0	-8.8	4.7	-8.2	-	-	-
WPD2	Brc	-0.2	-4.8	2.5	-4.2	-	-	-
WPB1	Brc	-7.3	-15.4	7.2	-16.0	-	-	-
WPC1	Brc	-4.3	-11.3	4.9	-11.2	-	-	-
WPB2	Brc	-3.4	-9.0	5.0	-10.1	-	-	-
WPC2	Brc	-0.4	-5.0	2.6	-5.3	-	-	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	3-D	6.9	10	10.1	1	-	-	-	-	11.0	31	19.9	1	-	-	-	-
70/8/0	3-A	10.1	1	9.6	11	-	-	-	-	12.4	31	16.8	1	-	-	-	-

Sum of Forces with Reactions Check - Framing

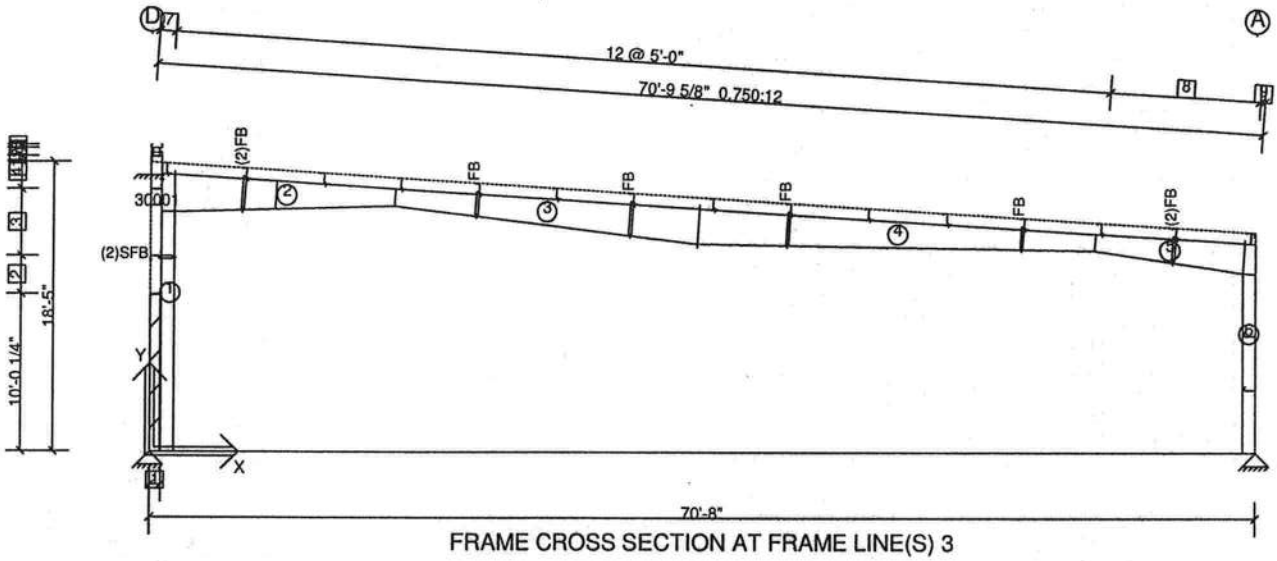
Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	7.8	7.5
CG	0.0	0.0	5.7	5.7
L	0.0	0.0	23.5	23.5
ASL^	0.0	0.0	0.0	0.0
^ASL	0.0	0.0	1.5	1.5
W1>	8.3	8.3	21.2	21.2
<W1	5.5	5.5	30.4	30.4
W2>	6.5	6.5	9.0	9.0
<W2	7.2	7.2	18.2	18.2
CU	0.0	0.0	5.7	5.7
WPA1	0.0	0.0	29.2	29.2
WPD1	0.6	0.6	21.3	21.3
WPA2	1.7	1.7	17.0	17.0
WPD2	2.3	2.3	9.1	9.1
WPB1	0.1	0.1	31.4	31.4
WPC1	0.6	0.6	22.5	22.5
WPB2	1.6	1.6	19.2	19.2
WPC2	2.3	2.3	10.3	10.3

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	3-D	1	0.375	13	11	4	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	3-A	6	0.375	10	11	4	0.750	A36	OS-0.1875	OS-0.1875

Wall: 4, Frame at: 52/0/0

Frame Cross Section: 3



FRAME CROSS SECTION AT FRAME LINE(S) 3

Dimension Key

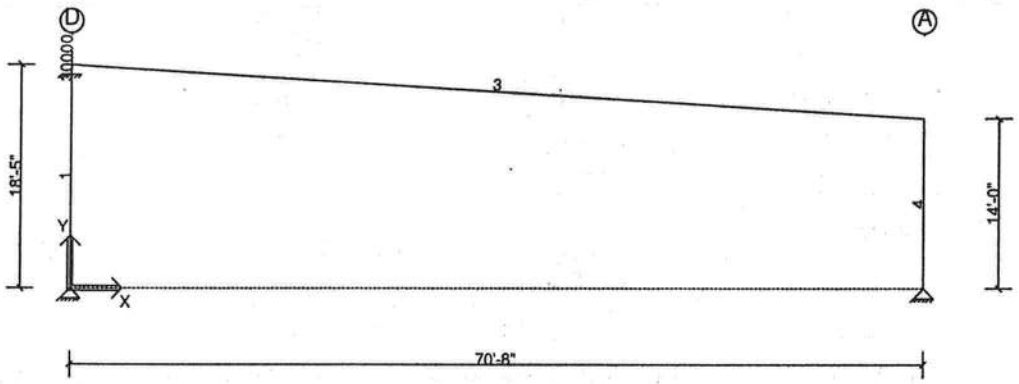
1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 9/16"
8 2 @ 4'-8 13/16"
9 3 1/2"
10 4'-0"
11 3'-5 1/4"
12 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX004) and 6(CX005): 68'-3 5/16"
Vert. Clearance at member 1(CX004): 15'-2 3/4"
Vert. Clearance at member 6(CX005): 11'-2 5/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

User Defined Frame Point Loads for Cross Section: 2

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	3090.00	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-3090.00	10/0/0	NA	NA	N	LEFT	1.000	OF



Values shown are resisting forces of the foundation.

Reactions - Unfactored Load Type at Frame Cross Section: 2

Type		Exterior Column		Exterior Column				
X-Loc		0/0/0		70/8/0				
Grid1 - Grid2		2-D		2-A				
Base Plate W x L (in.)		11 x 11		10 x 11				
Base Plate Thickness (in.)		0.375		0.375				
Anchor Rod Qty/Diam. (in.)		4 - 0.750		4 - 0.750				
Column Base Elev.		100'-0"		100'-0"				
Load Type	Desc.	Hx	Vy	Hx	Vy			
D	Frm	1.8	3.7	-1.8	3.3	-	-	-
CG	Frm	1.6	2.8	-1.6	2.7	-	-	-
L	Frm	6.5	11.0	-6.5	10.8	-	-	-
ASL^	Frm	-	-	-	-	-	-	-
^ASL	Frm	-	-	-	-	-	-	-
W1>	Frm	-9.5	-11.1	0.2	-8.0	-	-	-
<W1	Frm	-6.6	-14.8	11.8	-15.9	-	-	-
W2>	Frm	-5.8	-4.9	-1.8	-2.1	-	-	-
<W2	Frm	-2.8	-8.6	9.8	-10.0	-	-	-
CU	Frm	1.6	2.8	-1.6	2.7	-	-	-
WPA1	Brc	-7.3	-14.6	6.9	-14.6	-	-	-
WPD1	Brc	-3.8	-9.1	4.1	-9.4	-	-	-
WPA2	Brc	-3.5	-8.4	4.8	-8.7	-	-	-
WPD2	Brc	-0.1	-2.8	2.0	-3.6	-	-	-
WPB1	Brc	-7.7	-14.9	7.1	-16.7	-	-	-
WPC1	Brc	-4.0	-9.2	4.2	-10.3	-	-	-
WPB2	Brc	-3.9	-8.7	5.1	-10.8	-	-	-
WPC2	Brc	-0.2	-2.9	2.1	-4.4	-	-	-

Maximum Combined Reactions Summary with Factored Loads - Framing

X-Loc	Grid	Hrz left (-Hx) (k)	Load Case	Hrz Right (Hx) (k)	Load Case	Hrz In (-Hz) (k)	Load Case	Hrz Out (Hz) (k)	Load Case	Uplift (-Vy) (k)	Load Case	Vrt Down (Vy) (k)	Load Case	Mom cw (-Mzz) (in-k)	Load Case	Mom ccw (Mzz) (in-k)	Load Case
0/0/0	2-D	7.5	10	9.9	1	-	-	-	-	11.0	31	17.5	1	-	-	-	-
70/8/0	2-A	9.9	1	9.8	11	-	-	-	-	13.1	31	16.8	1	-	-	-	-

Sum of Forces with Reactions Check - Framing

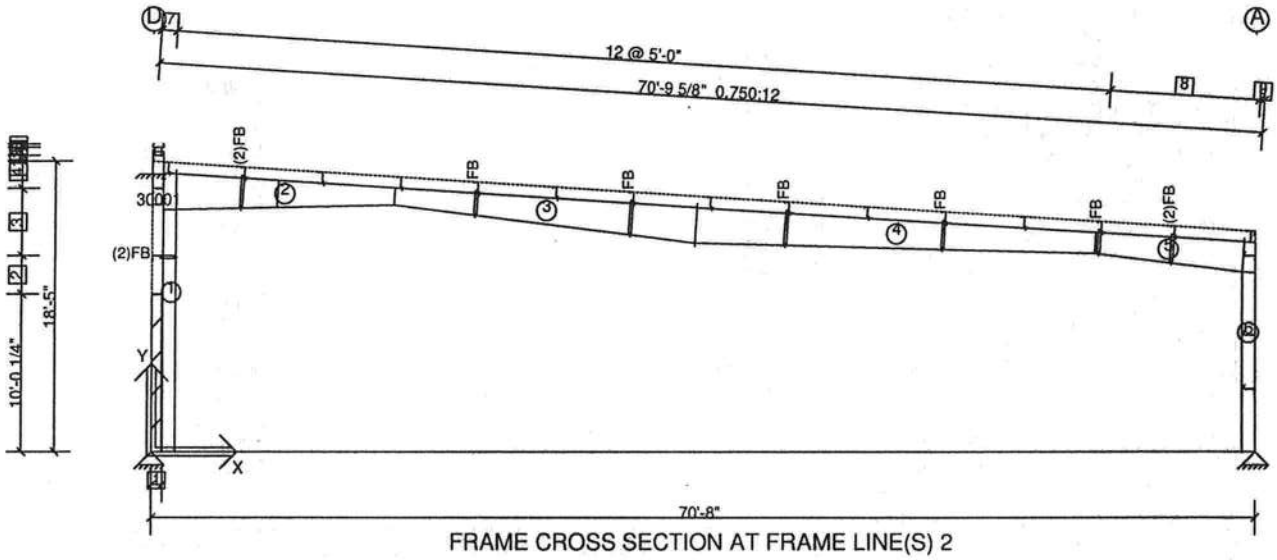
Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	7.4	7.0
CG	0.0	0.0	5.5	5.5
L	0.0	0.0	21.8	21.8
ASL^	0.0	0.0	0.0	0.0
^ASL	0.0	0.0	0.0	0.0
W1>	9.3	9.3	19.1	19.1
<W1	5.3	5.3	30.7	30.7
W2>	7.6	7.6	7.0	7.0
<W2	7.0	7.0	18.6	18.6
CU	0.0	0.0	5.5	5.5
WPA1	0.4	0.4	29.2	29.2
WPD1	0.3	0.3	18.5	18.5
WPA2	1.3	1.3	17.1	17.1
WPD2	2.0	2.0	6.4	6.4
WPB1	0.6	0.6	31.5	31.6
WPC1	0.2	0.2	19.4	19.5
WPB2	1.2	1.2	19.5	19.5
WPC2	1.9	1.9	7.4	7.4

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	2-D	1	0.375	11	11	4	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	2-A	6	0.375	10	11	4	0.750	A36	OS-0.1875	OS-0.1875

Wall: 4, Frame at: 26/0/0

Frame Cross Section: 2



FRAME CROSS SECTION AT FRAME LINE(S) 2

Dimension Key

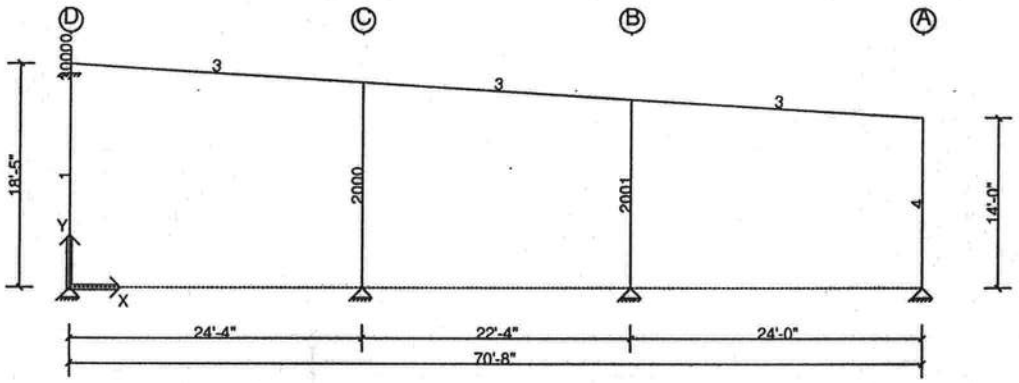
1 8 1/2"
2 2'-5"
3 4'-3"
4 2'-1 1/4"
5 6"
6 2 1/2"
7 1'-0 9/16"
8 2 @ 4'-8 13/16"
9 3 1/2"
10 4'-0"
11 3'-5 1/4"
12 1'-6 3/4"
13 4 1/2"

Frame Clearances

Horiz. Clearance between members 1(CX002) and 6(CX003): 68'-3 5/16"
Vert. Clearance at member 1(CX002): 15'-3 3/4"
Vert. Clearance at member 6(CX003): 11'-2 5/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

User Defined Frame Point Loads for Cross Section: 1

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF



Sum of Forces with Reactions Check - Framing

Load Type	Horizontal		Vertical	
	Load (k)	Reaction (k)	Load (k)	Reaction (k)
D	0.0	0.0	3.3	3.2
CG	0.0	0.0	2.8	2.8
L	0.0	0.0	16.7	16.7
ASL^	0.0	0.0	5.4	5.4
^ASL	0.0	0.0	11.4	11.4
W1>	5.5	5.5	11.6	11.6
<W1	3.1	3.1	19.9	19.9
W2>	4.6	4.6	5.4	5.4
<W2	4.0	4.0	13.7	13.7
CU	0.0	0.0	2.8	2.8
WPA1	0.2	0.2	15.0	15.0
WPD1	0.1	0.1	9.5	9.5
WPA2	0.7	0.7	8.8	8.8
WPD2	1.0	1.0	3.3	3.3
WPB1	0.3	0.3	16.2	16.2
WPC1	0.1	0.1	10.0	10.0
WPB2	0.6	0.6	10.0	10.0
WPC2	1.0	1.0	3.8	3.8

Base Plate Summary

X-Loc	Grid	Mem. No.	Thickness (in.)	Width (in.)	Length (in.)	Num. Of Bolts	Bolt Diam. (in.)	Type	Welds to Flange	Welds to Web
0/0/0	1-D	1	0.375	8	11	2	0.750	A36	OS-0.1875	OS-0.1875
24/4/0	1-C	12	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875
46/8/0	1-B	13	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875
70/8/0	1-A	11	0.375	8	10	2	0.750	A36	OS-0.1875	OS-0.1875

Web Stiffener Summary

Mem. No.	Stiff. No.	Desc.	Loc. (ft)	Web Depth (in.)	h/t	a/h	a (in.)	Thick. (in.)	Width (in.)	Side	Welding Description
1	1	S9	16.92	9.770	72.64	N/A	N/A	0.1875	2.000	Both	W-OS-0.1875
4	1	WSF	1.62	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	1	S2	0.35	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
5	2	WSF	1.93	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
7	1	WSF	3.22	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
8	1	S2	0.35	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
8	2	WSF	4.55	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875
10	1	S2	3.69	8.290	39.48	N/A	N/A	0.1875	2.000	Both	F-OS-0.1875,W-OS-0.1875

Bolted End-Plate Moment Connections (AISC DG-16) - Fy = 55 ksi

Mem. No.	Jt. No.	Type	End-Plate Dimensions			Bolt			Outside Flange			Inside Flange		
			Thick. (in.)	Width (in.)	Length (in.)	Diam. (in.)	Spec/Joint	Gages In/Out (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)	Configuration ID	Configuration Desc.	Pitches 1st/2nd (in.)
1	2	KN(Face)	0.375	6.00	9.00	0.750	A325/	3.00	11	Flush	2.50	11	Flush (0)	2.50
2	1	KN(Face)	0.375	6.00	9.50	0.750	A325/	3.00	11	Flush	2.50	11	Flush	2.50
5	2	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
6	1	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
6	2	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
7	1	SP	0.250	11.00	11.25	0.500	A325N/ST	2.50	31	Extended	2.75	11	Flush	2.75
11	2	CP	0.375	6.00	8.52	0.500	A325/	3.00	11	Flush (0)	2.50	11	Flush (0)	2.50
12	2	CP	0.375	6.00	8.50	0.500	A325/	3.00	11	Flush (0)	3.00	11	Flush (0)	3.00
13	2	CP	0.375	6.00	8.50	0.500	A325/	3.00	11	Flush (0)	3.00	11	Flush (0)	3.00

Mem. No.	Jt. No.	Required Strength - Out				Available Strength - Out			Required Strength - In				Available Strength - In		
		Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)	Ld Cs	Axial (k)	Shear (k)	Moment (in-k)	Design Proc.	Shear (k)	Moment (in-k)
1	2	11		2.1	11.3		0.0	109.5	3		3.1	16.8		0.0	109.5
2	1	11		2.1	11.3		0.0	109.5	3		3.1	16.8		0.0	109.5
5	2	3	0.0	0.4	70.4	Thin plate	56.5	120.0	5	0.1	1.5	28.9	Thin plate	37.7	66.3
6	1	3	0.0	0.4	70.4	Thin plate	56.5	120.0	5	0.1	1.5	28.9	Thin plate	37.7	66.3
6	2	3	-0.0	0.6	79.8	Thin plate	56.5	119.6	31	1.7	1.3	47.3	Thin plate	37.7	66.0
7	1	3	-0.0	0.6	79.8	Thin plate	56.5	119.6	31	1.7	1.3	47.3	Thin plate	37.7	66.0
11	2	0		0.0	0.0		0.0	92.4	0		0.0	0.0		0.0	92.4
12	2	0		0.0	0.0		0.0	92.2	0		0.0	0.0		0.0	92.2
13	2	0		0.0	0.0		0.0	92.1	0		0.0	0.0		0.0	92.1

Frame Location Design Parameters:

Location	Avg. Bay Space	Description	Angle	Group	Trib. Override	Design Status
0/6/0	13/3/0	Post & Beam	90.0000		-	Automatic Design

Design Load Combinations - Framing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 D + 1.0 CG + 1.0 L	D + CG + L
2	System	1.000	1.0 D + 1.0 CG + 1.0 ASL^	D + CG + ASL^
3	System	1.000	1.0 D + 1.0 CG + 1.0 ^ASL	D + CG + ^ASL
4	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 1 and 2)
5	System	1.000	1.0 D + 1.0 CG + 1.0 PL2	D + CG + PL2(Spans 2 and 3)
6	System	1.000	1.0 D + 1.0 CG + 1.0 W1>	D + CG + W1>
7	System	1.000	1.0 D + 1.0 CG + 1.0 <W1	D + CG + <W1
8	System	1.000	1.0 D + 1.0 CG + 1.0 W2>	D + CG + W2>
9	System	1.000	1.0 D + 1.0 CG + 1.0 <W2	D + CG + <W2
10	System	1.000	0.600 D + 0.600 CU + 1.0 W1>	D + CU + W1>
11	System	1.000	0.600 D + 0.600 CU + 1.0 <W1	D + CU + <W1
12	System	1.000	0.600 D + 0.600 CU + 1.0 W2>	D + CU + W2>
13	System	1.000	0.600 D + 0.600 CU + 1.0 <W2	D + CU + <W2
14	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W1>	D + CG + L + W1>
15	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W1	D + CG + L + <W1
16	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 W2>	D + CG + L + W2>
17	System	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 <W2	D + CG + L + <W2
18	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA1	D + CG + WPA1
19	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA1	D + CU + WPA1
20	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA1	D + CG + L + WPA1
21	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD1	D + CG + WPD1
22	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD1	D + CU + WPD1
23	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD1	D + CG + L + WPD1
24	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPA2	D + CG + WPA2
25	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPA2	D + CU + WPA2
26	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPA2	D + CG + L + WPA2
27	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPD2	D + CG + WPD2
28	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPD2	D + CU + WPD2
29	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPD2	D + CG + L + WPD2
30	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB1	D + CG + WPB1
31	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB1	D + CU + WPB1
32	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB1	D + CG + L + WPB1
33	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC1	D + CG + WPC1
34	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC1	D + CU + WPC1
35	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC1	D + CG + L + WPC1
36	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPB2	D + CG + WPB2
37	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPB2	D + CU + WPB2
38	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPB2	D + CG + L + WPB2
39	System Derived	1.000	1.0 D + 1.0 CG + 1.0 WPC2	D + CG + WPC2
40	System Derived	1.000	0.600 D + 0.600 CU + 1.0 WPC2	D + CU + WPC2
41	System Derived	1.000	1.0 D + 1.0 CG + 0.750 L + 0.750 WPC2	D + CG + L + WPC2

Frame Member Sizes

Mem. No.	Flg Width (in.)	Flg Thk (in.)	Web Thk (in.)	Depth1 (in.)	Depth2 (in.)	Length (ft)	Weight (p)	Flg Fy (ksi)	Web Fy (ksi)	Splice Jt.1	Codes Jt.2	Shape
1	5.00	0.1345	0.1345	10.00	10.00	17.66	173.4	55.00	55.00	BP	KN	3P
2	5.00	0.1050	0.2100	8.50	8.50	4.00	48.4	55.00	55.00	KN	SS	2C
3	5.00	0.1050	0.2100	8.50	8.50	14.67	155.4	55.00	55.00	SS	SS	2C
4	5.00	0.1050	0.2100	8.50	8.50	4.69	49.7	55.00	55.00	SS	SS	2C
5	5.00	0.1050	0.2100	8.50	8.50	5.31	65.0	55.00	55.00	SS	SP	2C
6	5.00	0.0590	0.1180	8.50	8.50	13.38	95.4	55.00	55.00	SP	SP	2C
7	5.00	0.1050	0.2100	8.50	8.50	3.69	47.8	55.00	55.00	SP	SS	2C
8	5.00	0.1050	0.2100	8.50	8.50	5.31	56.2	55.00	55.00	SS	SS	2C
9	5.00	0.1050	0.2100	8.50	8.50	15.05	159.4	55.00	55.00	SS	SS	2C
10	5.00	0.1050	0.2100	8.50	8.50	4.00	42.4	55.00	55.00	SS	SS	2C
11	5.00	0.0590	0.1180	8.50	8.50	13.29	91.3	55.00	55.00	BP	SS	2C
12	5.00	0.0650	0.1300	8.50	8.50	15.48	114.0	55.00	55.00	BP	SS	2C
13	5.00	0.0590	0.1180	8.50	8.50	14.08	95.9	55.00	55.00	BP	SS	2C

Total Frame Weight = 1194.2 (p) (Includes all plates)
Frame Pricing Weight = 1327.2 (p) (Includes all pieces)

Framing - Summary Report

Loads and Codes - Shape: Dollar General

City: Lake City **County:** Columbia **State:** Florida **Country:** United States
Building Code: 2004 Florida State Building Code Built Up: 89AISC Rainfall: 6.00 inches per hour
Building Use: Standard Occupancy Structures Cold Form: 04AISI

Dead and Collateral Loads
Collateral Gravity:3.00 psf
Collateral Uplift: 3.00 psf
Roof Covering + Second. Dead Load: 2.24 psf
Frame Weight (assumed for seismic):2.50 psf

Live Load
Live Load: 20.00 psf Reducible

Wind Load
Wind Speed: 110.00 mph
Wind Exposure (Factor): B (0.701)
Parts Wind Exposure Factor: 0.701

Wind Enclosure: Enclosed
Wind Importance Factor: 1.000
Topographic Factor: 1.0000

NOT Windborne Debris Region
Base Elevation: 0/0/0
Primary Zone Strip Width: 12/11/10
Parts / Portions Zone Strip Width: 6/5/13
Basic Wind Pressure: 18.45 psf

Snow Load
Ground Snow Load: 0.00 psf
Design Snow (Sloped): 0.00 psf
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Snow Importance: 1.000
Thermal Category (Factor): Heated (1.00)
Ground / Roof Conversion: 1.00
% Snow Used in Seismic: 0.00
Seismic Snow Load: 0.00 psf
Obstructed or Not Slippery Roof

Seismic Load
N/A

Deflection Conditions
Frames are vertically supporting:Metal Roof Purlins and Panels
Frames are laterally supporting:Reinforced Masonry Wall
Purlins are supporting:Metal Roof Panels
Girts are supporting:Reinforced Masonry Wall

Liberty Buildings assumes that the Customer has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

8,1	26.00	8.50x0.105 Z Con	Yes	48							1.02	0.00	0.00	0.00	4	0.71	0.18	0.73	0.00	7	48
8,2	26.00	8.50x0.073 Z Con	Yes	48	0.71	0.16	0.73	0.00	7	48	0.74	0.42	0.85	0.00	7	0.70	0.27	0.75	0.00	7	48
8,3	26.00	8.50x0.065 Z Con	Yes	48	0.70	0.28	0.76	0.00	7	48	0.75	0.00	0.00	0.00	4	0.70	0.28	0.76	0.00	7	48
8,4	26.00	8.50x0.073 Z Con	Yes	48	0.70	0.27	0.75	0.00	7	48	0.74	0.42	0.85	0.00	7	0.71	0.16	0.73	0.00	7	48
8,5	26.00	8.50x0.105 Z Con	Yes	48	0.71	0.18	0.73	0.00	7	48	1.02	0.00	0.00	0.00	4						
9,1	26.00	8.50x0.073 EZ Sim	Yes	0							0.86	0.00	0.86	0.00	7						
9,2	26.00	8.50x0.073 EZ Sim	Yes	0							0.90	0.00	0.00	0.00	7						
9,3	26.00	8.50x0.073 EZ Sim	Yes	0							0.90	0.00	0.00	0.00	7						
9,4	26.00	8.50x0.082 EZ Sim	Yes	0							0.56	0.00	0.92	0.00	16						
9,5	26.00	8.50x0.073 EZ Sim	Yes	0							0.86	0.00	0.86	0.00	7						
10,1	25.93	8.50x0.092 Z Sim	Yes	0							0.96	0.00	0.00	0.00	4						

Maximum Secondary Deflections for Shape Dollar General on Side A

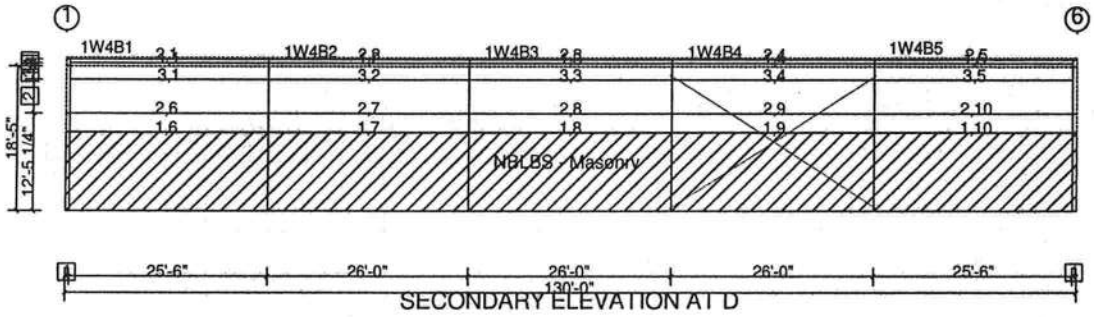
Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
1	1	-0.50	(L/609)	11.00	1	L
1	2	-0.43	(L/725)	39.00	1	L
1	3	-0.46	(L/675)	65.00	1	L
1	4	-0.43	(L/722)	91.00	1	L
1	5	-0.51	(L/596)	119.00	1	L
2	1	0.00	(L/6904)	2.50	1	L
3	1	-1.12	(L/272)	13.00	1	L
4	1	-0.48	(L/642)	10.00	1	L
4	2	-0.55	(L/565)	38.50	1	L
4	3	-0.51	(L/609)	65.00	1	L
4	4	-0.56	(L/560)	91.50	1	L
4	5	-0.48	(L/632)	120.00	1	L
5	1	0.00	(L/6904)	2.50	1	L
6	1	-0.71	(L/429)	11.00	1	L
6	2	-0.46	(L/677)	39.00	1	L
6	3	-0.59	(L/533)	65.00	1	L
6	4	-0.46	(L/674)	91.00	1	L
6	5	-0.72	(L/422)	119.00	1	L
7	1	-0.90	(L/339)	11.50	1	L
7	2	-0.29	(L/1083)	40.00	1	L
7	3	-0.68	(L/456)	65.00	1	L
7	4	-0.29	(L/1088)	90.00	1	L
7	5	-0.91	(L/336)	118.50	1	L
8	1	-1.00	(L/307)	11.50	1	L
8	2	-0.21	(L/1475)	40.00	1	L
8	3	-0.63	(L/498)	65.00	1	L
8	4	-0.21	(L/1494)	90.00	1	L
8	5	-1.00	(L/305)	118.50	1	L
9	1	-1.52	(L/201)	13.50	1	L
9	2	-1.64	(L/190)	39.00	1	L
9	3	-1.64	(L/190)	65.00	1	L
9	4	-1.47	(L/213)	91.00	1	L
9	5	-1.52	(L/201)	116.50	1	L
10	1	-1.12	(L/272)	12.50	1	L

Purlin Anchorage Forces for Shape Dollar General, Roof A, Panel Type is LL-24, Pitch = 0.750:12

Bay	Thickness	Force(k)	Ld Case	# Purlins	Length	Simple?	Diaphragm Width	Allowable Defl	Actual Defl
1	0.105	-29.86	1	15	26.00	N	70.80	0.867	0.302
2	0.073	-29.81	1	15	26.00	N	70.80	0.867	0.296
3	0.065	-29.81	1	15	26.00	N	70.80	0.867	0.279
4	0.073	-29.81	1	15	26.00	N	70.80	0.867	0.296
5	0.105	-29.86	1	15	26.00	N	70.80	0.867	0.302

Frm-Line	Force(k)	Anch. Allow	Required Clips	Actual Clips	Diaphragm Allow	Diaphragm Shr	Stress
1	-0.59	0.98	1	1	0.018	0.008	0.462
2	-0.98	1.14	1	1	0.018	0.007	0.383
3	-1.11	1.14	1	1	0.018	0.008	0.437
4	-1.11	1.14	1	1	0.018	0.008	0.437
5	-0.98	1.14	1	1	0.018	0.007	0.383
6	-0.59	0.98	1	1	0.018	0.008	0.462

Wall: 4



Dimension Key
1 6"
2 4'-3"
3 1'-8 3/4"
4 4 1/2"

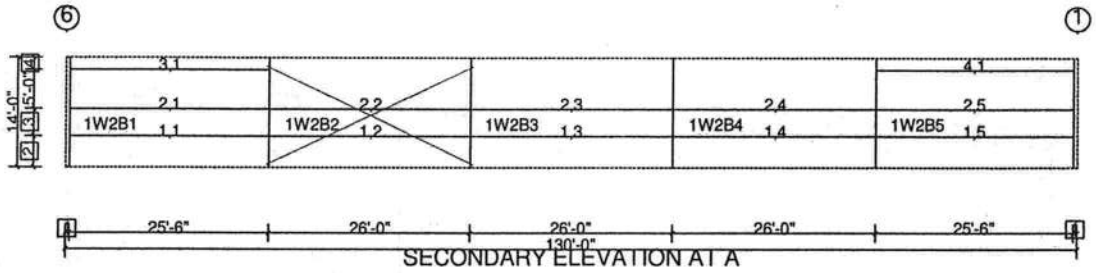
Maximum Secondary Designs for Shape Dollar General on Side 4

Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior % Bnd	Exterior % Shr	Exterior % Cmb	Exterior % Wcp	Exterior Ld Cs	Exterior Lap (in.)	Interior % Bnd	Interior % Shr	Interior % Cmb	Interior % Wcp	Interior Ld Cs	Exterior % Bnd	Exterior % Shr	Exterior % Cmb	Exterior % Wcp	Exterior Ld Cs	Exterior Lap (in.)
2,1	26.00	8.50x0.059 Z Con	Yes	12							0.93	0.00	0.00	0.00	1	0.46	0.21	0.51	0.00	1	12
2,2	26.00	8.50x0.059 Z Con	Yes	12	0.46	0.17	0.49	0.00	1	12	0.76	0.32	0.83	0.00	1	0.33	0.15	0.36	0.00	1	12
2,3	26.00	8.50x0.059 Z Con	Yes	12	0.33	0.16	0.37	0.00	1	12	0.51	0.30	0.59	0.00	1	0.33	0.16	0.37	0.00	1	12
2,4	26.00	8.50x0.059 Z Con	Yes	12	0.33	0.15	0.36	0.00	1	12	0.76	0.32	0.83	0.00	1	0.46	0.17	0.49	0.00	1	12
2,5	26.00	8.50x0.059 Z Con	Yes	12	0.46	0.21	0.51	0.00	1	12	0.93	0.00	0.00	0.00	1						
3,1	25.50	8.50x0.082 Z Sim	Yes	0							0.91	0.00	0.00	0.00	1						
3,2	26.00	8.50x0.082 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
3,3	26.00	8.50x0.082 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
3,4	26.00	8.50x0.082 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
3,5	25.50	8.50x0.082 Z Sim	Yes	0							0.91	0.00	0.00	0.00	1						

Maximum Secondary Deflections for Shape Dollar General on Side 4

Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
2	1	0.78	(L/392)	11.50	1	W1>
2	2	0.13	(L/2494)	40.50	1	W1>
2	3	0.36	(L/862)	65.00	1	W1>
2	4	0.12	(L/2598)	90.00	1	W1>
2	5	0.79	(L/386)	118.50	1	W1>
3	1	1.01	(L/303)	12.50	1	W1>
3	2	1.08	(L/288)	38.50	1	W1>
3	3	1.08	(L/288)	64.50	1	W1>
3	4	1.08	(L/288)	90.50	1	W1>
3	5	1.01	(L/303)	116.50	1	W1>

Wall: 2



Dimension Key

1 6"
2 4'-0"
3 3'-5 1/4"
4 1'-6 3/4"

Maximum Secondary Designs for Shape Dollar General on Side 2

Des Id	Len (ft)	Description	Design Status	Detail Lap (in.)	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)	Interior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Exterior % Bnd	% Shr	% Cmb	% Wcp	Ld Cs	Lap (in.)
1,1	25.50	8.50x0.092 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
1,2	26.00	8.50x0.092 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,3	26.00	8.50x0.092 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,4	26.00	8.50x0.092 Z Sim	Yes	0							0.97	0.00	0.00	0.00	1						
1,5	25.50	8.50x0.092 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
2,1	25.50	8.50x0.105 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
2,2	26.00	8.50x0.120 Z Sim	Yes	0							1.01	0.00	0.00	0.00	1						
2,3	26.00	8.50x0.120 Z Sim	Yes	0							1.01	0.00	0.00	0.00	1						
2,4	26.00	8.50x0.120 Z Sim	Yes	0							1.01	0.00	0.00	0.00	1						
2,5	25.50	8.50x0.105 Z Sim	Yes	0							0.94	0.00	0.00	0.00	1						
3,1	25.50	8.50x0.082 Z Sim	Yes	0							0.93	0.00	0.00	0.00	1						
4,1	25.50	8.50x0.082 Z Sim	Yes	0							0.93	0.00	0.00	0.00	1						

Maximum Secondary Deflections for Shape Dollar General on Side 2

Design Id	Segment	Deflection(in.)	Ratio	Location(ft)	Load Case	Description
1	1	1.05	(L/291)	12.50	1	W1>
1	2	1.13	(L/277)	38.50	1	W1>
1	3	1.13	(L/277)	64.50	1	W1>
1	4	1.13	(L/277)	90.50	1	W1>
1	5	1.05	(L/291)	116.50	1	W1>
2	1	1.05	(L/292)	12.50	1	W1>
2	2	1.17	(L/267)	38.50	1	W1>
2	3	1.17	(L/267)	64.50	1	W1>
2	4	1.17	(L/267)	90.50	1	W1>
2	5	1.05	(L/292)	116.50	1	W1>
3	1	1.04	(L/294)	12.50	1	W1>
4	1	1.04	(L/294)	13.00	1	W1>

Design Load Combinations - Girt

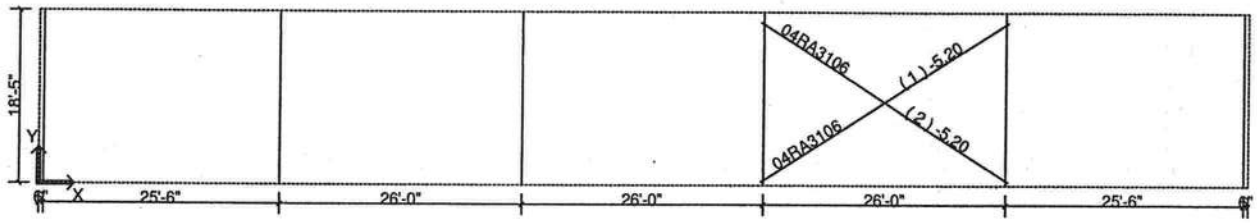
No.	Origin	Factor	Application	Description
1	System	1.000	1.0 W1>	W1>
2	System	1.000	1.0 <W2	<W2

Deflection Load Combinations - Purlin

No.	Origin	Factor	Deflection	Application	Description
1	System	1.000	150	1.0 L	L

Deflection Load Combinations - Girt

No.	Origin	Factor	Deflection	Application	Description
1	System	1.000	240	0.700 W1>	W1>
2	System	1.000	240	0.700 <W2	<W2



Diagonal Bracing Member Design Summary: Sidewall 4

Mem. No.	Bracing Shape	Length (ft)	Angle	Design Axial (k)	Seismic Factor	Stress Factor	Stress Ratio	Governing Load Case	Design Status	Comment
1	R 0.5	31.49	35.3	-5.20	1.0000	1.0000	0.922	1.0WPA2	passed	
2	R 0.5	31.49	35.3	-5.20	1.0000	1.0000	0.922	1.0WPD2	passed	

Mem.	End	Diagonal Connection Design Information
1	Left	Slot: web thk = 1/8 in., F = 5.20k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 1/8 in., F = 5.20k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
2	Left	Slot: web thk = 1/8 in., F = 5.20k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 1/8 in., F = 5.20k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed

Mem.	End	Diagonal Connection Design Information
1	Left	Slot: web thk = 1/8 in., F = 3.24k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 3/16 in., F = 3.24k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
2	Left	Slot: web thk = 1/8 in., F = 3.24k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 1/8 in., F = 3.24k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
3	Left	Slot: web thk = 1/8 in., F = 0.55k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 3/16 in., F = 0.55k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
4	Left	Slot: web thk = 3/16 in., F = 0.55k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 3/16 in., F = 0.55k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
5	Left	Slot: web thk = 3/16 in., F = 3.61k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 1/8 in., F = 3.61k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
6	Left	Slot: web thk = 1/8 in., F = 3.61k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed
	Right	Slot: web thk = 3/16 in., F = 3.61k, E factor = 1.000, stress increase = 1.000, slot offset = 2 in., web/flange weld OK, web direct shear OK, web punching shear OK, tensile fracture of web OK >> passed

Bracing - Summary Report

Shape: Dollar General

Loads and Codes - Shape: Dollar General

City: Lake City **County:** Columbia **State:** Florida **Country:** United States
Building Code: 2004 Florida State Building Code
Building Use: Standard Occupancy Structures
Built Up: 89AISC
Cold Form: 04AISI
Rainfall: 6.00 inches per hour

Dead and Collateral Loads
Collateral Gravity:3.00 psf
Collateral Uplift: 3.00 psf
Roof Covering + Second. Dead Load: 2.24 psf
Frame Weight (assumed for seismic):2.50 psf

Live Load
Live Load: 20.00 psf Reducible

Wind Load
Wind Speed: 110.00 mph
Wind Exposure (Factor): B (0.701)
Parts Wind Exposure Factor: 0.701

Wind Enclosure: Enclosed
Wind Importance Factor: 1.000
Topographic Factor: 1.0000

NOT Windborne Debris Region
Base Elevation: 0/0/0
Primary Zone Strip Width: 12/11/10
Parts / Portions Zone Strip Width: 6/5/13
Basic Wind Pressure: 18.45 psf

Snow Load
Ground Snow Load: 0.00 psf
Design Snow (Sloped): 0.00 psf
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Snow Importance: 1.000
Thermal Category (Factor): Heated (1.00)
Ground / Roof Conversion: 1.00
% Snow Used in Seismic: 0.00
Seismic Snow Load: 0.00 psf
Obstructed or Not Slippery Roof

Seismic Load
N/A

Deflection Conditions
Frames are vertically supporting:Metal Roof Purlins and Panels
Frames are laterally supporting:Reinforced Masonry Wall
Purlins are supporting:Metal Roof Panels
Girts are supporting:Reinforced Masonry Wall

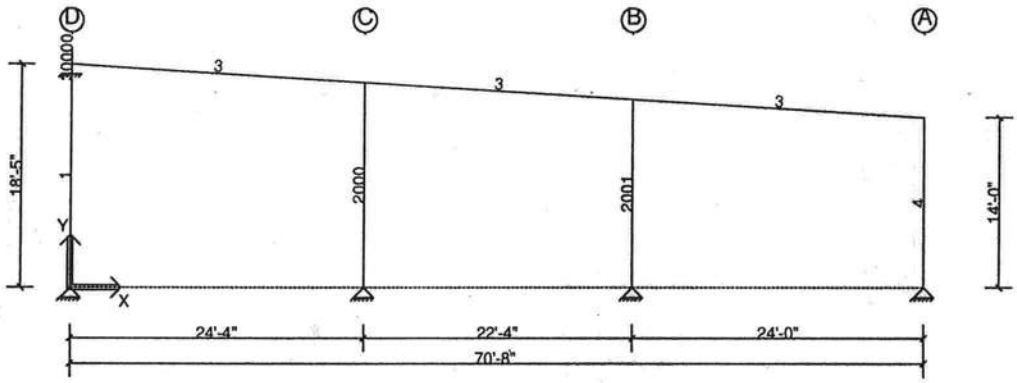
Liberty Buildings assumes that the Customer has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

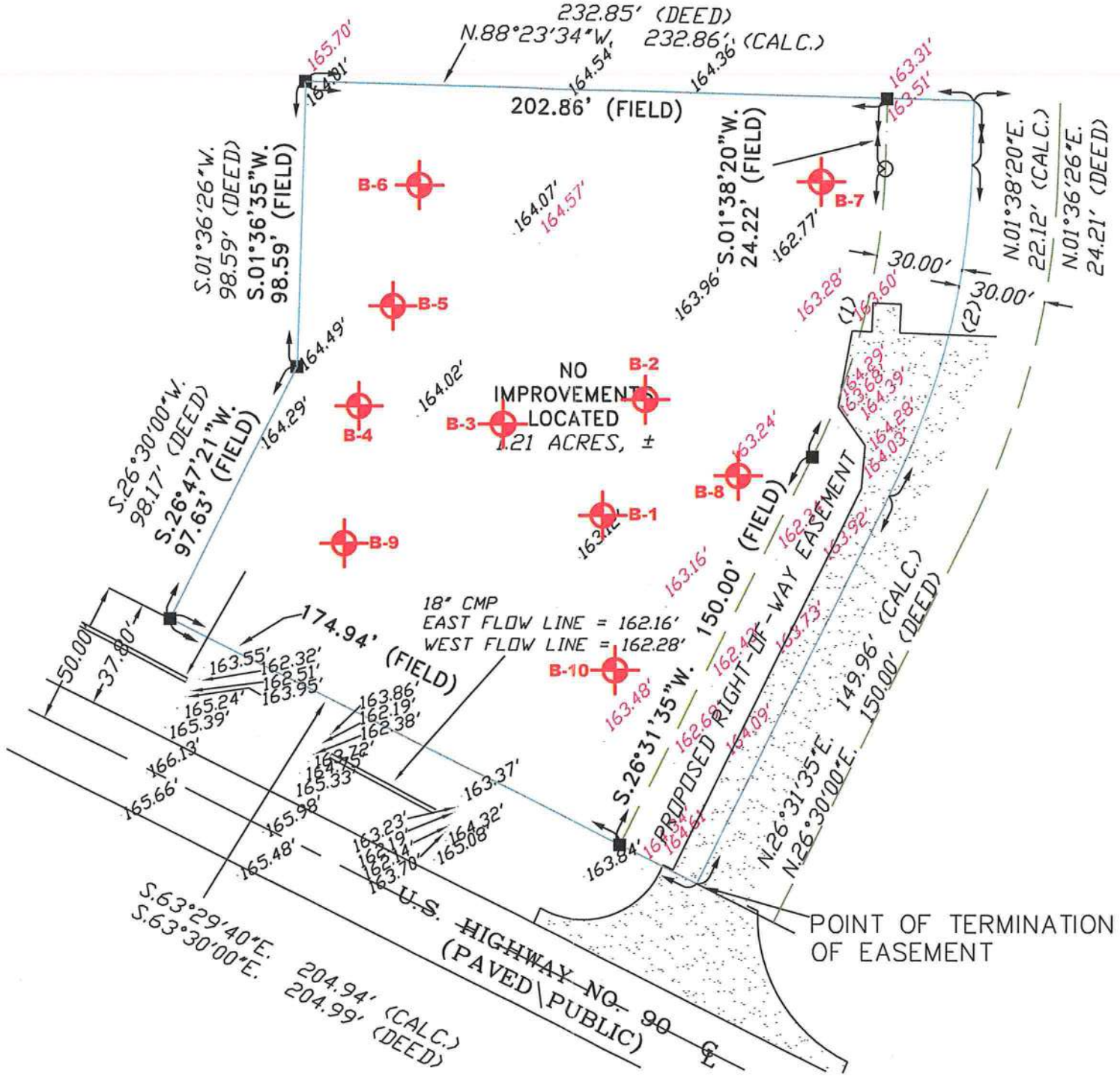
Design Load Combinations - Bracing

No.	Origin	Factor	Application	Description
1	System	1.000	1.0 WPA1	WPA1
2	System	1.000	1.0 WPD1	WPD1
3	System	1.000	1.0 WPA2	WPA2
4	System	1.000	1.0 WPD2	WPD2
5	System	1.000	1.0 WPB1	WPB1
6	System	1.000	1.0 WPC1	WPC1
7	System	1.000	1.0 WPB2	WPB2
8	System	1.000	1.0 WPC2	WPC2

User Defined Frame Point Loads for Cross Section: 6

Side	Units	Type	Description	Mag1	Loc1	Offset	H or V	Supp.	Dir.	Coef.	Loc.
1	p	W1>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	W2>	Wind Load from Masonry Wall->Resolved From Plane	1590.59	10/0/0	NA	NA	N	RIGHT	1.000	OF
1	p	<W2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPA2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPD2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC1	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPB2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF
1	p	WPC2	Wind Load from Masonry Wall->Resolved From Plane	-1590.59	10/0/0	NA	NA	N	LEFT	1.000	OF





LEGEND

⊕ **STANDARD PENETRATION TEST BORING**

NOTE: ALL SOIL TEST BORING LOCATIONS SHOWN ARE APPROXIMATE.

CLIENT: CONCEPT CONSTRUCTION

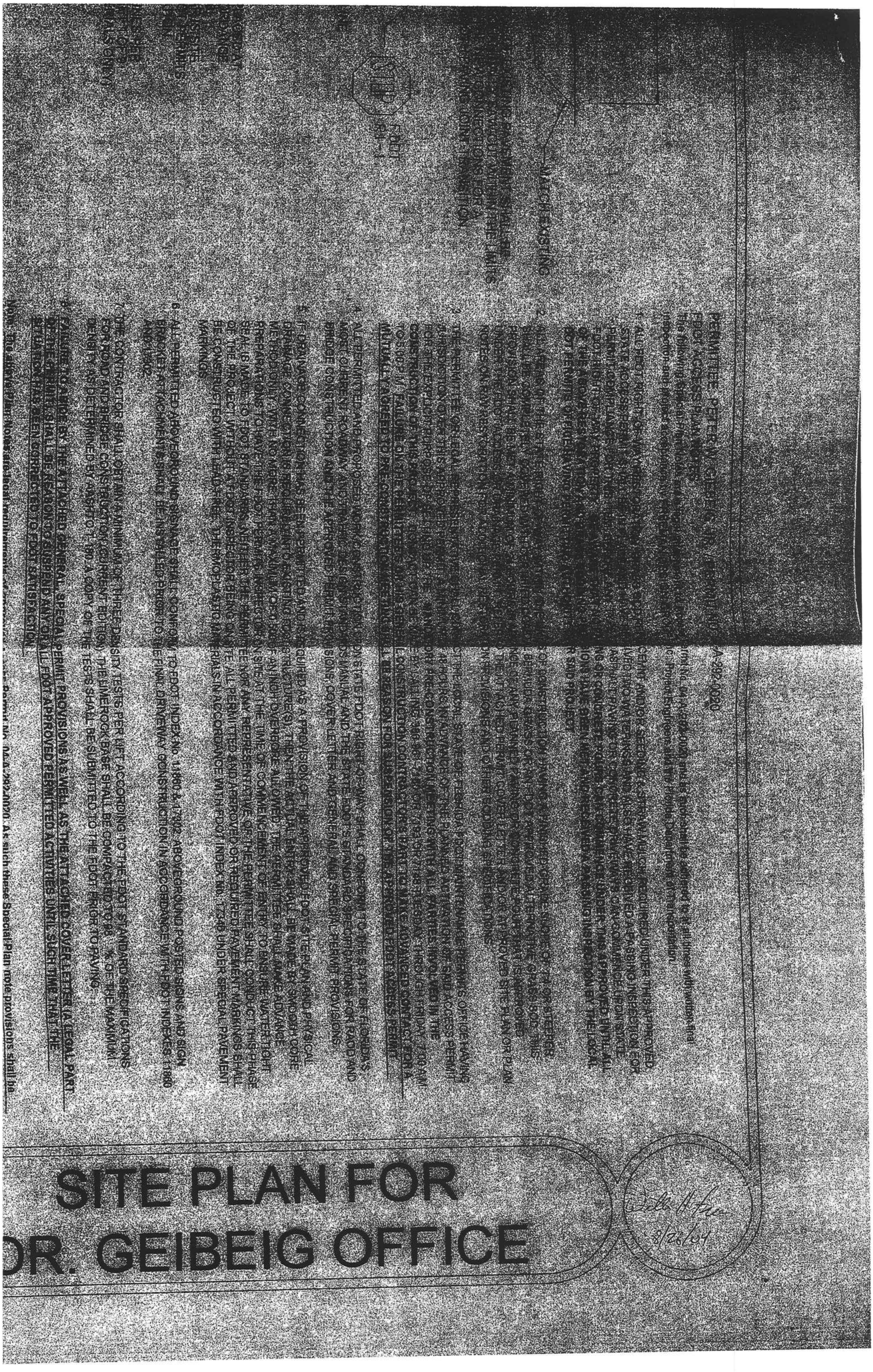
PROPOSED OFFICE COMPLEX
VICINITY OF US HIGWAY 90 AND SW SWEETBREEZE DRIVE
LAKE CITY, COLUMBIA COUNTY, FLORIDA

BORING LOCATION PLAN

DRAWN BY: K.D.	DATE: 11/13/06		
CHECKED BY: F.A.	DATE: 11/13/06		
SCALE: 1"=50'	ACADFILE: 28416-A		
PROJECT NO: 28416-005-02	REPORT NO: 60318		

UNIVERSAL ENGINEERING SCIENCES

SITE PLAN FOR
DR. GEIBEIG OFFICE



PERMITTEE: PETER W. GIEBEIG JR. / PER

FDOT ACCESS PLAN NOTES

The following Special Plan Notes are a legal inspection
inspection and project acceptance by FDEP/MIN DESIG

1. ALL FDOT RIGHT-OF-WAY RESTORATION, INCLUDING
STATE ACCESS PERMIT SHALL BE INSPECTED
PERMIT COMPLIANCE FOR THE FDOT RIGHT-OF-WAY PROPERTY. ALL AREAS
OF THE FDOT RESTORATION AND SHALL BE
DOT PERMITS OFFICE HAVING PERMITTING AU

2. ALL AREAS OF THE STATE RIGHT-OF-WAY WITH
SHALL BE COMPLETELY SCARIFIED AND
PROVISION SHALL BE MET A MINIMUM OF
UNDER THE FDOT ACCESS PERMIT. ALL
NOTED ON RW RESTORATION FOR ACCEPTANCE

3. THE PERMITTEE OR LEGAL REPRESENTATIVE
JURISDICTION OVER THIS APPROVED PERMIT
PRE-CONSTRUCTION PURPOSES OR TO CHANGE THE
CONSTRUCTION OF THIS PROJECT. CONTACT
7:30 AM TO 3:00 P.M. FAILURE ON THE PART OF THE
MUTUALLY AGREED TO PRE-CONSTRUCTION

4. ALL PERMITTED AND PROPOSED WORK CONSTR
MOST OF PRESENT ROADWAY AND TRAFFIC DESIG
BRIDGE CONSTRUCTION AND THE APPROVED P

5. IF DRAINAGE CONNECTION HAS BEEN PERMITTE
DRAINAGE CONNECTION IS REQUIRED PRIOR TO FINA
METHOD ONLY, NOT TO MORE THAN A MAXIMUM
PREPARATION TO MAKE THE FDOT PERMITTED
BEING MADE TO FDOT STANDARDS. NEITHER
OF THE PROJECT WITHOUT A FDOT INSPECTOR
BE CONSTRUCTED WITH LEAD FREE THERMOP
MARKINGS.

6. ALL PERMITTED ABOVE GROUND SIGNAGE SHALL
SPACE ATTACHMENTS SHALL BE INSTALLED
SIGNS.

7. [illegible] OR REAL OR PERSONAL MINIMUM OF
[illegible] CONSTRUCTION (CONTR
[illegible] REQUIRED BY ARTICLE 5.1.3(A)

MATCH EXISTING

EDGE OF EXISTING PAVEMENT SHALL BE MECHANICALLY SAW-CUT WITHIN THE LIMITS OF THE NEW CONNECTIONS FOR A SMOOTH PAVING JOINT TRANSITION.

STOP — FDOT R1-1

24" WHITE LINE

NOTE:
24" STOP BARS TO BE PLACED AT INTERSECTION IN ACCORDANCE WITH FDOT INDEX 17346. SETBACK FOR STOP BAR IS SITE SPECIFIC. CONTACT DOT PERMITS FOR PERMANENT LOCATION.

DBL. 6" WIDE YELLOW LINES PER FDOT INDEX 17346, SHEET 1 OF 9 (THERMOPLASTIC MATERIALS ONLY)

[illegible] CONNECTION DETAIL

150.00

6" WHITE LINE

NOTE
REQUIRES A TOTAL OF 82 LF OF SI
WHICH INCLUDES CMP AND 2 RED

24.00

NOTE
24" STOP
INTERSE
WITH FDO
SETBACK
SPECIFIC
FOR PER

DBL. 6" W
FDOT IND
(THERM

FDOT DRIVEWAY CONNECTION DE

N.T.S.

Dollar General

Site Plan

FOR:
Brian Crawford
2109 W US 90
Lake City, FL 32055
Phone: (386) 755-8887

SHEET INDEX

1	GENERAL NOTES AND DETAILS
2	EXISTING CONDITIONS
3	SITE PLAN
4	GRADING PLAN
5	STORMWATER PLAN
6	LANDSCAPING
7	MISCELLANEOUS DETAILS
8	EROSION CONTROL DETAILS

LEGEND

EXISTING		PROPOSED	
CONCRETE MONUMENT FOUND	■	TELEPHONE POLE	
IRON PIPE FOUND	●	TELEPHONE MANHOLE	
ELECTRIC METER		ELECTRIC MANHOLE	
ELECTRIC MANHOLE		ELECTRIC METER	
LIGHT STANDARD		LIGHT	
POWER POLE		STANDARD POWER POLE	
SHARED POWER POLE W/ TRANSFORMER		POWER POLE SHARED	
SHARED POWER POLE		POWER POLE SHARED W/ TRANSFORMER	
TELEPHONE POLE		GAS METER	
REDUCER		GAS VALVE	
WATER METER		WATER METER	
WATER VALVE		WATER VALVE	
FIRE HYDRANT		WATER REDUCER	
BACKFLOW PREVENTER		WATER TEE	
SANITARY SEWER VALVE		WATER 90° BEND	
SANITARY MANHOLE		SINGLE WATER SERVICE	
STORMWATER MANHOLE		DOUBLE WATER SERVICE	
FDOT STROMWATER MANHOLE		FIRE HYDRANT	
GROUND CONTOUR	8	BACKFLOW PREVENTER	H O H
D.O.T. MARKER FOUND	•	SANITARY MANHOLE	
GAS METER		SANITARY VALVE	
GAS VALVE		SANITARY SINGLE SERVICE	
SOIL BORING LOCATION		SANITARY DOUBLE SERVICE	
SINGLE POST SIGN		GROUND CONTOUR	25
BENCH MARK		DITCH BLOCK	
SECTION CORNER		STORMWATER MANHOLE	
		FLOW ARROW	
		HANDICAP PARKING	
		MITERED END	
		SIGN	

ABBREVIATIONS

℄	PROPERTY LINE	IP	IRON PIPE
℄	CENTER LINE	MH	MANHOLE
℄	BASE LINE	G	GAS
SAN	SANITARY SEWER	UC	UNDERGROUND CABLE
ST	STORM SEWER	OC	OVERHEAD CABLE
E	ELECTRIC	W	WATER LINE
OHE	OVERHEAD ELECTRIC	HDPE	HIGH-DENSITY POLYETHYLENE
UG	UNDERGROUND ELECTRIC	RCP	REINFORCED CONCRETE PIPE-ROUND
OHT	OVERHEAD TELEPHONE	RCPA	REINFORCED CONCRETE PIPE-ARC
UT	UNDERGROUND TELEPHONE	RCPE	REINFORCED CONCRETE PIPE-ELLIPTICAL
R	RADIUS	CMP	CORRUGATED METAL PIPE-ROUND
CO	CLEANOUT	CMPA	CORRUGATED METAL PIPE-ARC
BM	BENCH MARK	BCCMP	BITUMINOUS COATED CORRUGATED METAL PIPE
E	INVERT ELEVATION	BCCSP	BITUMINOUS COATED CORRUGATED STEEL PIPE
LF	LINEAR FEET		

STRUCTURAL/CIVIL ENGINEERS
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Chadwick W. Williams, PE 63144
Auth. #: 9461

Revisions:

11-18-2008 - PER COLUMBIA COUNTY
12-24-2008 - PER CLIENT

ISSUED FOR PERMIT
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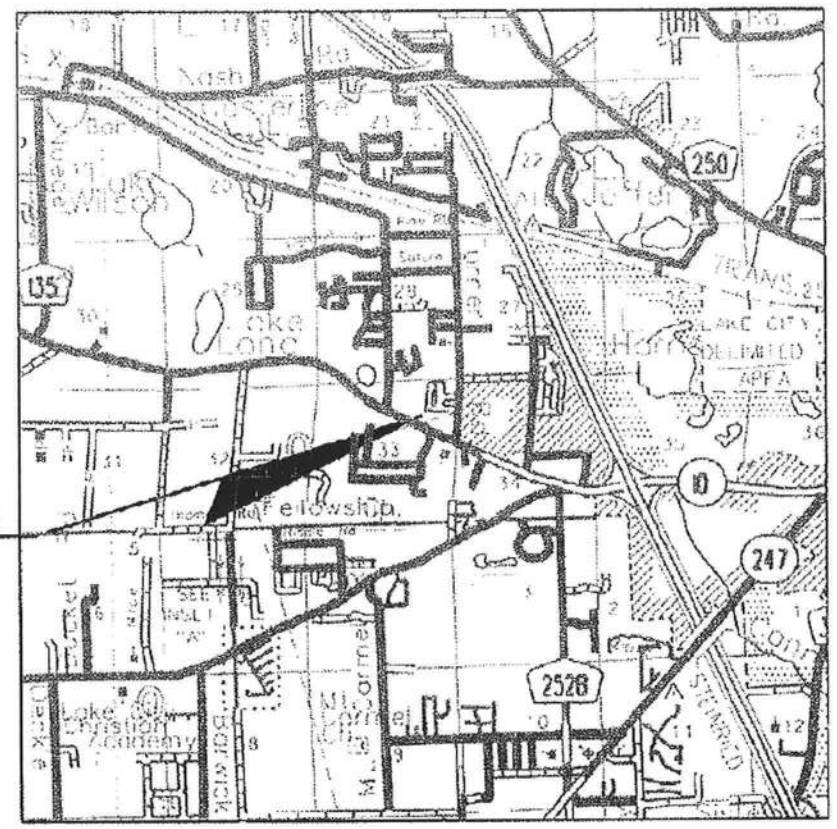
DATE: 2/7/09



LOCATION MAP

SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA

GTC PROJECT NO. PF08-141
RELEASED FOR CONSTRUCTION BY: _____ DATE: _____

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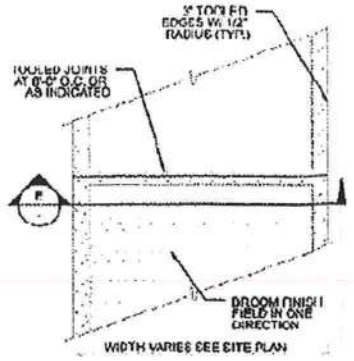
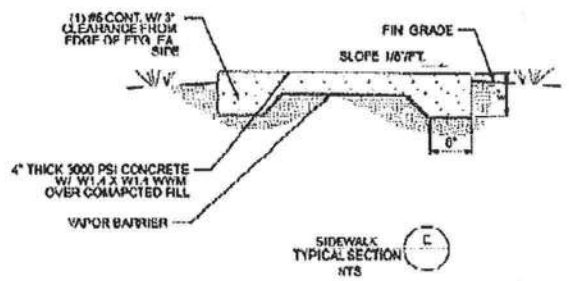
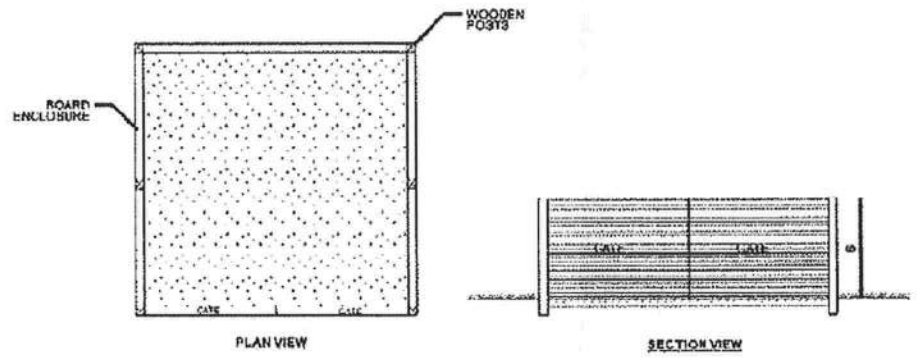
GENERAL NOTES

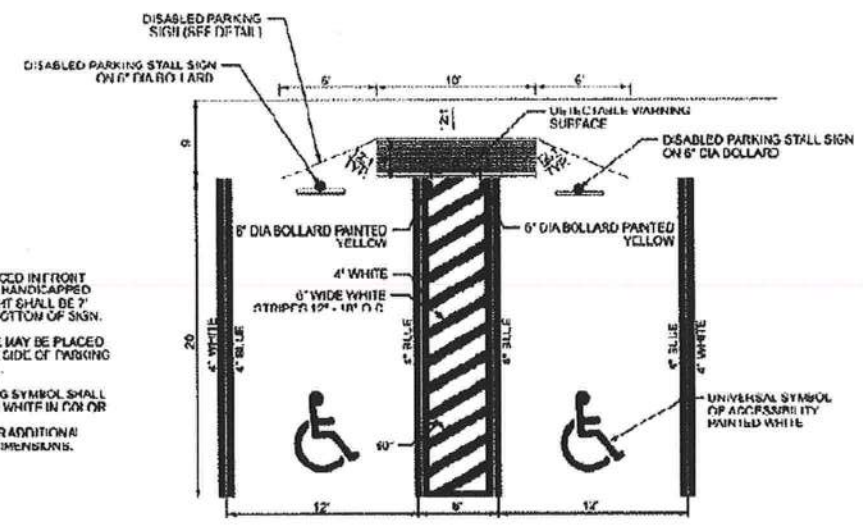
1. The contractor shall verify all existing conditions and dimensions at the job site to insure that all new work will fit in the manner intended on the plans. Should any conditions exist that are contrary to those shown on the plans, the contractor shall notify the engineer and the City of Lake City, Florida (Department of Growth Management) of such differences immediately & prior to proceeding with the work.
2. The contractor shall maintain the construction site at all times in a secure manner. All open trenches and excavated areas shall be protected from access by the general public.
3. Boundary and topographical information shown was obtained from a survey performed by Britt Surveying., P.S.M. Florida Certificate #5757.
4. Any public land corner within the limits of construction is to be protected. If a corner monument is in danger of being destroyed and has not been properly referenced, the contractor should notify the engineer.
5. The site is located in Section 33, Township 3 South, Range 16 East, Columbia County, Florida.
6. Contractors shall adhere to the Erosion Control Plan. All erosion control measures shall be implemented prior to construction and be continued until construction is complete.
7. The stormwater system is designed in accordance with SRWMD.
8. All disturbed areas not sodded shall be seeded with a mixture of long-term vegetation and quick-growing short-term vegetation for the following conditions. For the months from September through March, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of winter rye. For the months of April through August, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of millet.
9. A pad of rubble riprap shall be placed at the bottom of all collection flumes and collection pipe outlets.
10. Existing drainage structures within the construction limits shall be removed, unless otherwise specified in the plans.
11. The location of the utilities shown in the plans is approximate only. The exact location shall be determined by the contractor during construction.
12. The contractor shall waste all excess earth on site as directed by the engineer.
13. All site construction shall be in accordance with the City of Lake City Land Development Regulations.
14. Contractor shall provide an as-built survey meeting the requirements of Chapter 61G17 F.A.C. for the stormwater management systems. Include horizontal and vertical dimensional data so that improvements are located and delineated relative to the boundary. Provide sufficient detailed data to determine whether the improvements were constructed in accordance with the plans. Submit the survey to the engineer on reproducible 20 lb. Vellum.
15. Contractor shall review and become familiar with all required utility connections prior to bidding. Contractor shall provide all work and materials required to complete connection to the existing utilities. This includes, but is not limited to, manhole coring, wet taps, pavement repairs and directional boring.
16. Contractor shall coordinate all work with other contractors within project limits.
17. Contractor shall sod all slopes of 4' horizontal to 1' vertical and staple sod all slopes of 2' horizontal to 1' vertical.
18. All construction of armament shown in these plans shall conform to FDOT indexes and specifications.
19. All stormwater pipes shall have a minimum cover of 6". Use Limerock backfill if pipe under pavement has less than 12" cover.
20. Potable water will be supplied by City of Lake City.
21. Sanitary Sewer shall be on site septic.
22. All swales, depression areas and retention ponds shall be inspected monthly for sinkhole occurrence. Should a sinkhole occur, the area should be repaired as soon as possible. If a solution pipe sinkhole does form in the stormwater system, then the sinkhole shall be repaired by backfilling with a lower permeability material. A 2-foot cap that extends 2 feet beyond the perimeter of the sinkhole shall be constructed with clayey soils. The clayey soil should have at least 20% passing the number 200 sieve, compacted to 95% of Standard Proctor, and compacted in a wet condition with moisture 2%-4% above optimum. The clay soil cap shall be re-graded to prevent ponding and re-vegetated.
23. A copy of the As-Built plans (in paper & digital AutoCAD format) must be submitted to the GTC Design Group, LLC & City of Lake City, Florida (Department of Growth Management). As-Builts shall be in state plane coordinates (NAD_1983_StatePlane_Florida_North_FIPS_0903_Feet).
24. Contractor shall contact GTC Design Group LLC & the City of Lake City, (Department of Growth Management) to perform the following site inspections: erosion and sediment control inspection (prior to commencing construction), Site Compliance Inspection (once building foundation is poured and improvements are being laid out), and Final Site Compliance Inspection (once all improvements are finalize). **No Certificate of Occupancy will be issued for any developments that do not receive the above mentioned site inspections.**
25. Contractor shall excavate existing manhole locations to verify connection invert. Contractor shal contact GTC Design Group, LLC to verify elevation.



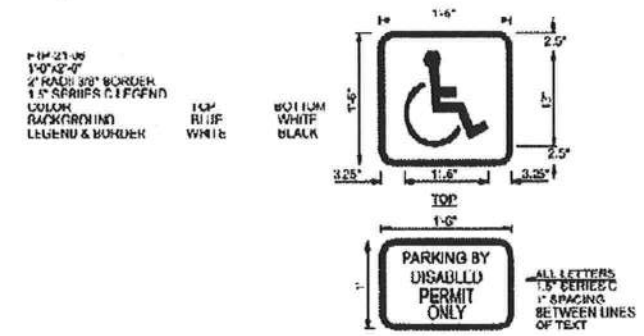


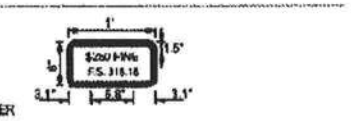


DUMPSTER PAD DETAIL
NTS



DISABLED PARKING STALL DETAIL
NTS





DISABLED PARKING STALL SIGN DETAIL
NTS

ISSUED FOR PERMIT
CHECKED BY: S
DATE: 2/2/09

INSPECTIONS BY CITY ENGINEER OR REPRESENTATIVES

1. Completion of clearing and grubbing. Visual only – no test requirements.
2. Rough graded and drainage structures in place. Test results L.B.R. – pipe backfill density.
3. Subgrade complete. Test results – density.
4. Limerock placed and finished. Test results – thickness, cross-section and density.
5. Asphaltic concrete in place. Test results – thickness and density.
6. Final inspection for acceptance to be performed by GTC Design Group LLC & the City Engineer, Public Works Director & City Councilmen (should he/she desire to attend).
7. The developer/contractor shall be responsible for notifying GTC Design Group LLC & the Director of Public Works representative when each construction phase is ready for inspection.

CITY OF LAKE CITY CONSTRUCTION REQUIREMENTS FOR DEVELOPERS GENERAL REQUIREMENTS

1. The roadway construction plans must be reviewed and approved prior to commencing construction.
2. All materials and construction shall conform to the requirements of the FDOT Standard Specifications for Road and Bridge Construction.
3. The materials and construction shall be certified by a testing laboratory retained by the developer or contractor. Copies of all test results shall be provided prior to acceptance.
4. All traffic control and safety items (striping, stop bars, regulatory signs, etc.) shall be in place.
5. The temporary grass shall be sufficient to control erosion.
6. Final inspection for acceptance to be performed by GTC Design Group LLC & the City Engineer, Public Works Director & City Councilmen (should he/she desire to attend).

DATE	REVISION NOTES
11/10/08	PER COLUMBIA COUNTY
12/23/08	PER CLIENT

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CIVIL ENGINEERS
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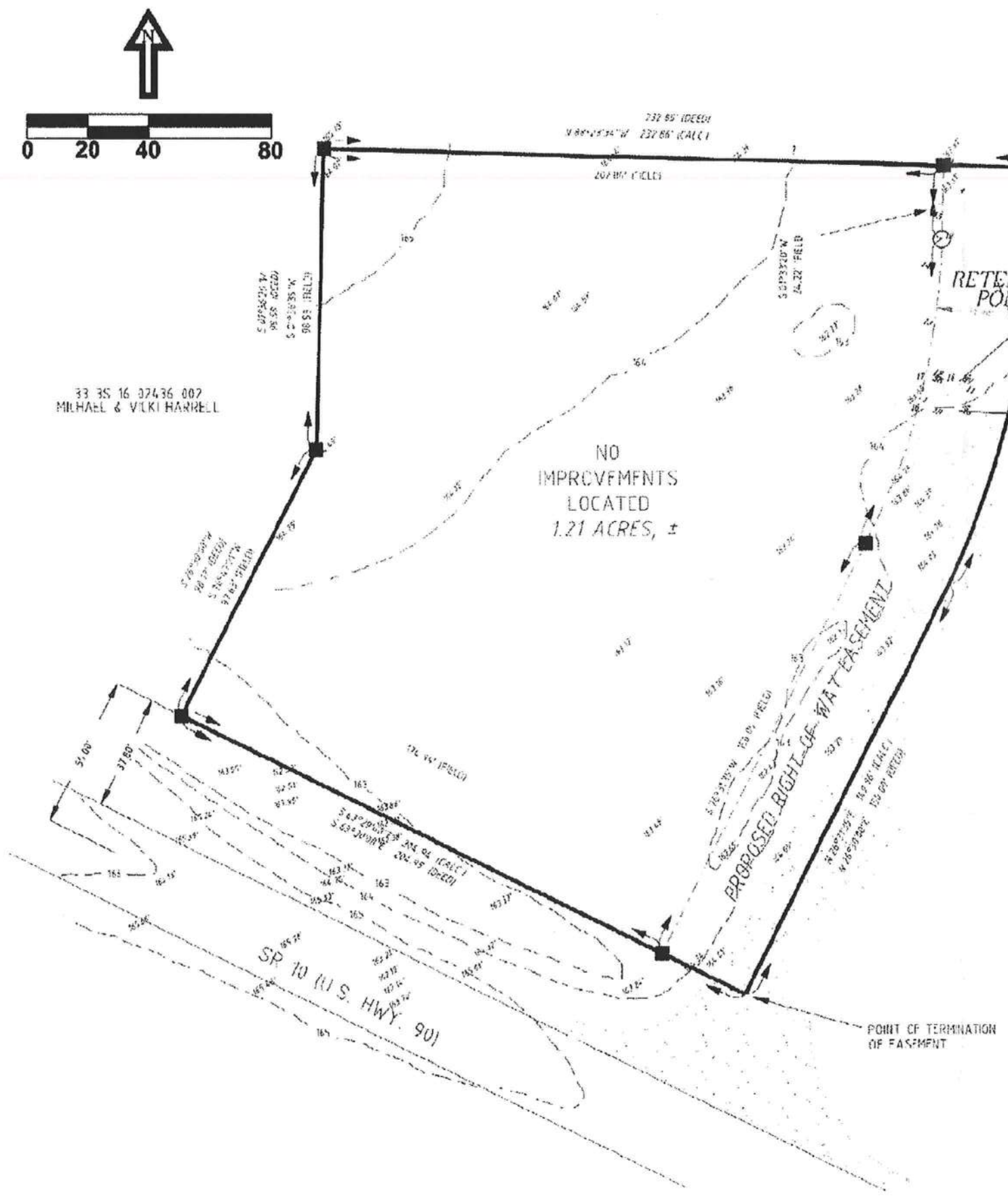
CONCEPT CONSTRUCTION
DOLLAR GENERAL
GENERAL NOTES

DRAWN BY	CHECKED BY
KS	CW

PROJECT NUMBER
PF08-141

SHEET
1



ISSUED FOR PERMIT
CHECKED BY:
DATE: 2/2/09

DESCRIPTION:
A PART OF THE SW 1/4 OF THE NE 1/4, SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, LYING NORTH OF THE RIGHT-OF-WAY OF U.S. HIGHWAY NO. 90, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NE CORNER OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 33, AND RUN THENCE N.88°23'34"W., ALONG THE NORTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 33, 185.79 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE N.88°23'34"W., 232.05 FEET; THENCE S.01°36'26"W., 90.59 FEET; THENCE S.26°30'00"W., 98.17 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 90; THENCE S.63°30'00"E., ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, 201.99 FEET; THENCE N.26°30'00"E., 150.00 FEET TO A POINT ON A CURVE OF A CURVE TO THE LEFT, HAVING A RADIUS OF 270.00 FEET, AN INCLUDED ANGLE OF 24°53'31", AND A CHORD BEARING OF N.14°03'13"E., 116.38 FEET; THENCE NORTHEASTERLY, ALONG THE ARC OF SAID CURVE, 117.30 FEET; THENCE N.01°36'26"E., 24.21 FEET TO THE POINT OF BEGINNING. PARCEL CONTAINS 1.21 ACRES, MORE OR LESS.

SUBJECT TO A PROPOSED ROAD RIGHT-OF-WAY EASEMENT OVER AND ACROSS THE EAST 30.00 FEET THEREOF.

TOGETHER WITH AN EASEMENT FOR INGRESS & EGRESS OVER AND ACROSS THE FOLLOWING DESCRIBED PARCEL:
SAID EASEMENT LYING 30.00 FEET TO THE RIGHT AND 30.00 FEET TO THE LEFT OF THE FOLLOWING DESCRIBED LINE AND IS TO EXTEND OR CONTRACT AS NEEDED.
COMMENCE AT THE NE CORNER OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 33, AND RUN THENCE N.88°23'34"W., ALONG THE NORTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 33, 185.79 FEET TO THE POINT OF BEGINNING; THENCE S.01°36'26"W., 24.21 FEET TO A POINT OF CURVE OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 270.00 FEET AND AN INCLUDED ANGLE OF 24°53'31", THENCE RUN SOUTHERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 117.30 FEET; THENCE S.26°30'00"W., 150.00 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY # 90 AND TO THE POINT OF TERMINATION OF SAID LINE.

CURVE TABLE

NO.	RADIUS	DELTA	ARC	TANGENT	CHORD	CHORD BEARING
1	240.00'	24°44'28"	103.63'	52.64'	102.83'	S.14°45'15"W.
2	270.00'	25°12'39"	118.80'	60.38'	117.85'	S.14°00'49"W.
DEED	270.00'	24°53'31"	117.30'			

DATE	REVISION NOTES
11/19/08	PER COLUMBIA COUNTY
12/24/08	PER CLIENT

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CONCEPT CONSTRUCTION
DOLLAR GENERAL

EXISTING CONDITIONS

DRAWN BY: KS
CHECKED BY: CW

PROJECT NUMBER
PF08-141

SHEET
2

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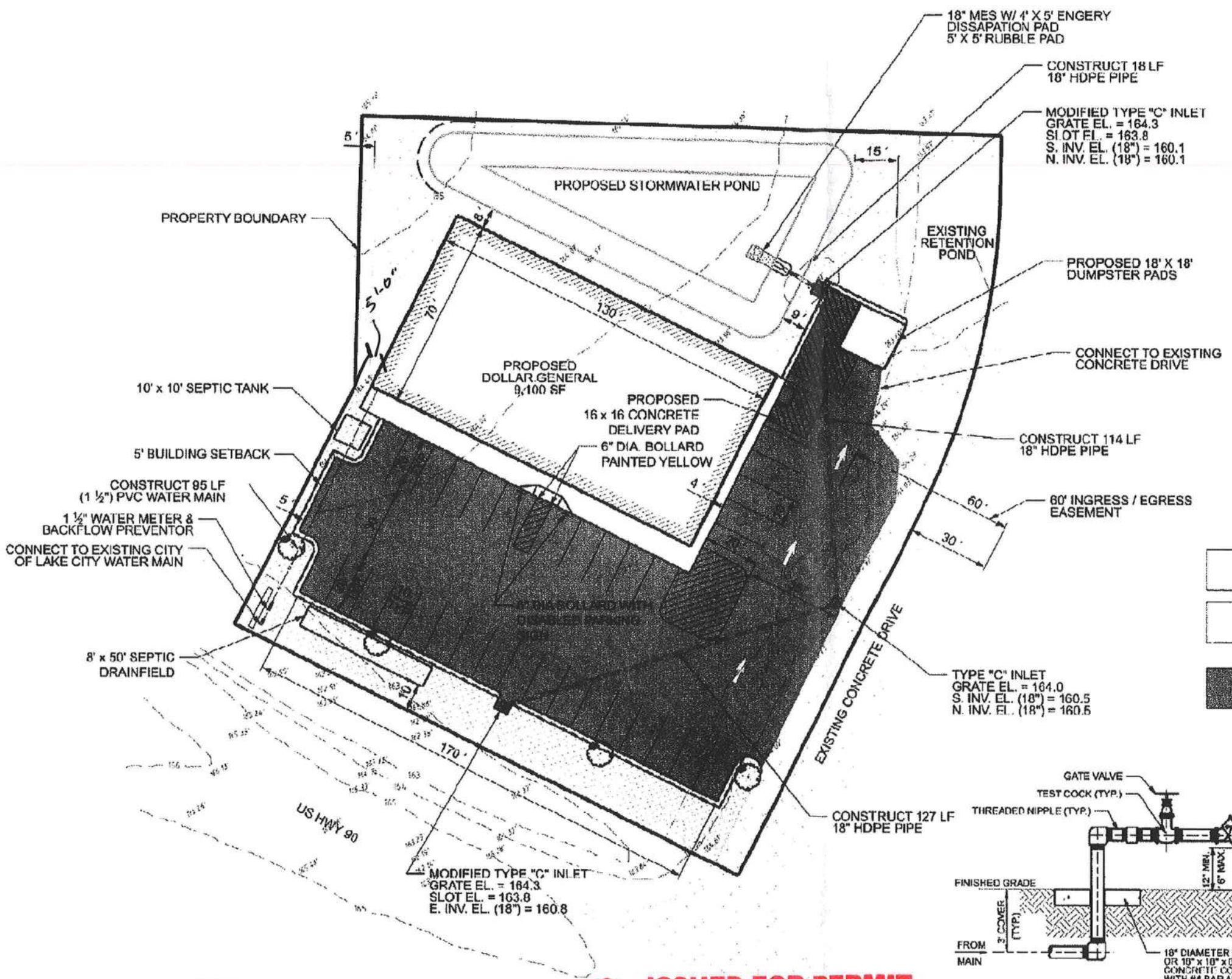

ZONING: CHI

PARKING SPACES PROVIDED
REGULAR = 31
HANDICAP = 2
TOTAL PARKING AVAILABLE = 33 SPACES

1 SPACE PER 150 SF OF RETAIL
±7,232 SF RETAIL
48 SPACES REQUIRED

VARIANCE FOR 15 SPACES REQUESTED

BUILDING SETBACKS:
FRONT = 20
SIDE = 5
REAR = 15

NOTE:
TAP & METER INSTALLATION TO BE PREFORMED BY CITY OF LAKE CITY.

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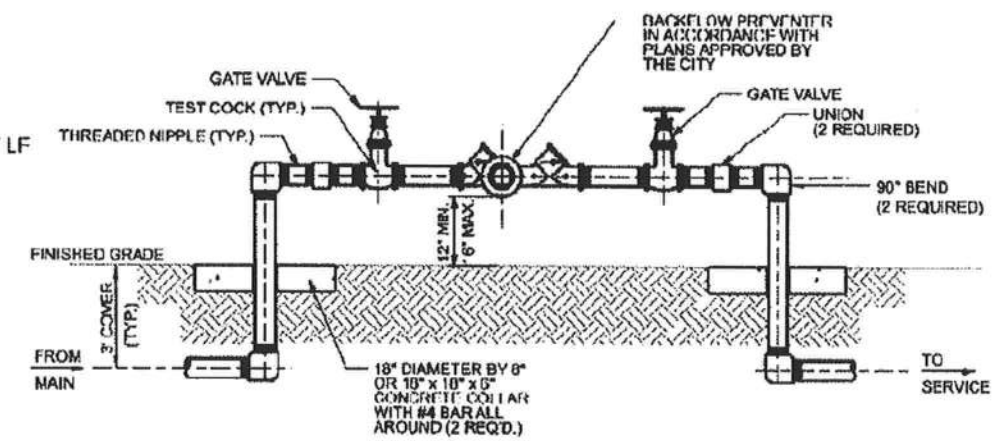
DATE: 2/2/09



NOTES:
1. ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL OR BRASS.

BACKFLOW PREVENTOR DETAIL
NTS

DATE	REVISION NOTES
11/18/08	PER COLUMBIA COUNTY*
12/24/08	PER CLIENT *

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CONCEPT CONSTRUCTION
DOLLAR GENERAL
CONCEPTUAL SITE PLAN

DRAWN BY: KS
CHECKED BY: CW
PROJECT NUMBER: PF08-141
SHEET: 3

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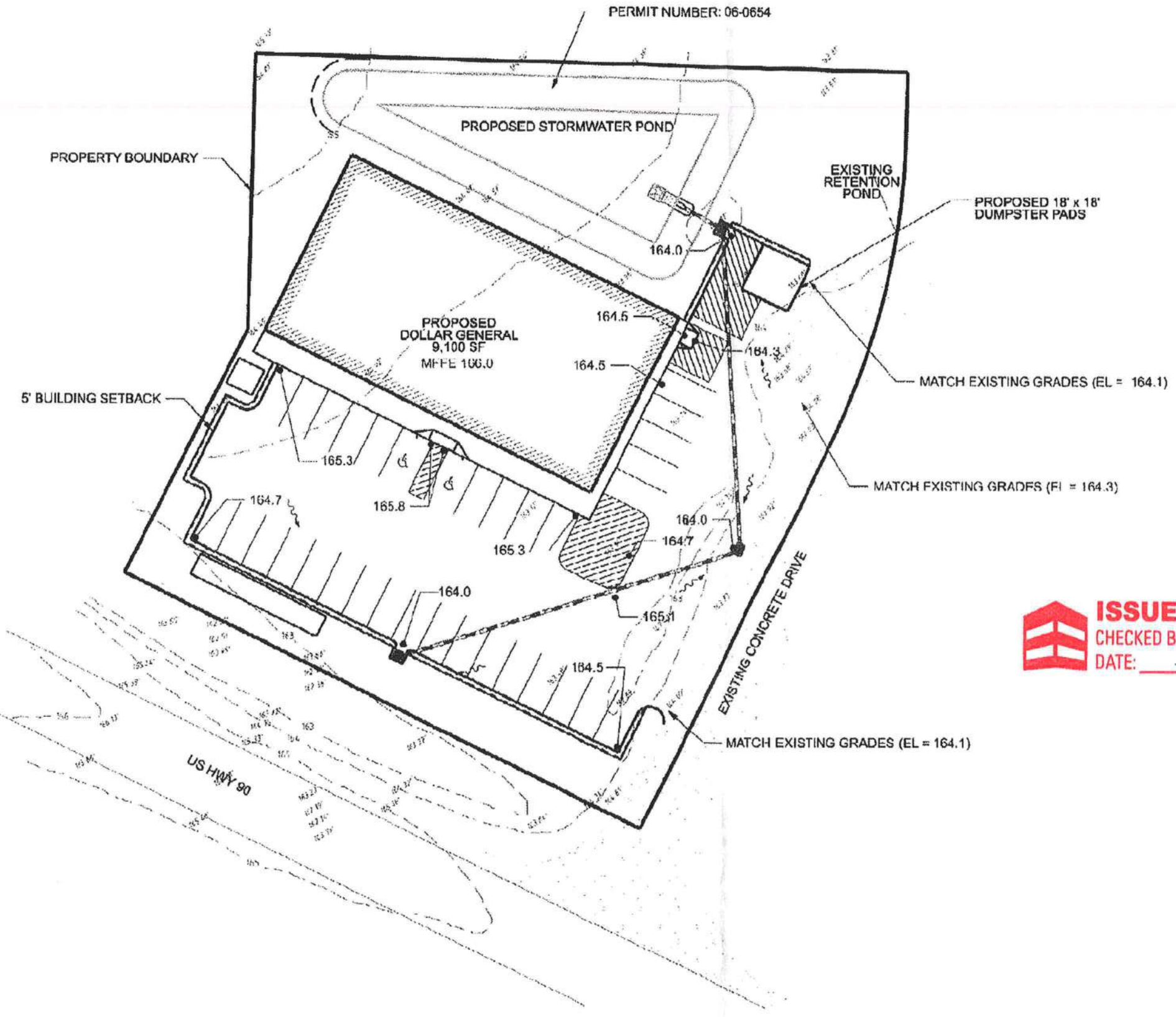

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DATE: 2/2/09

DATE	REVISION NOTES
11/18/08	PER COLUMBIA COUNTY *
12/24/08	PER CLIENT *

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CONCEPT CONSTRUCTION
DOLLAR GENERAL
GRADING PLAN

DRAWN BY	CHECKED BY
KS	CW

PROJECT NUMBER
PF08-141

SHEET
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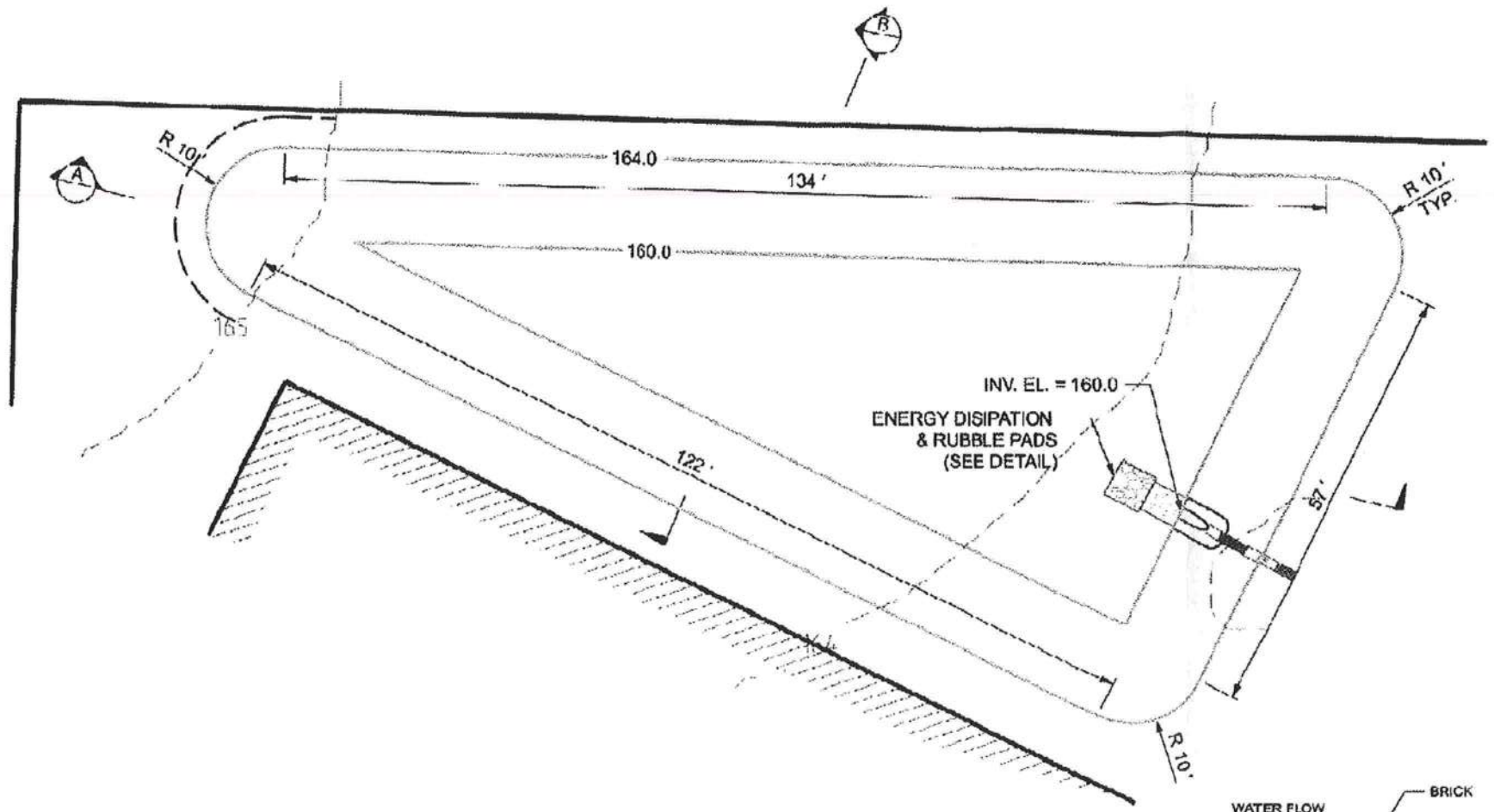
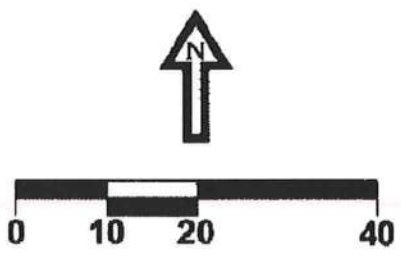
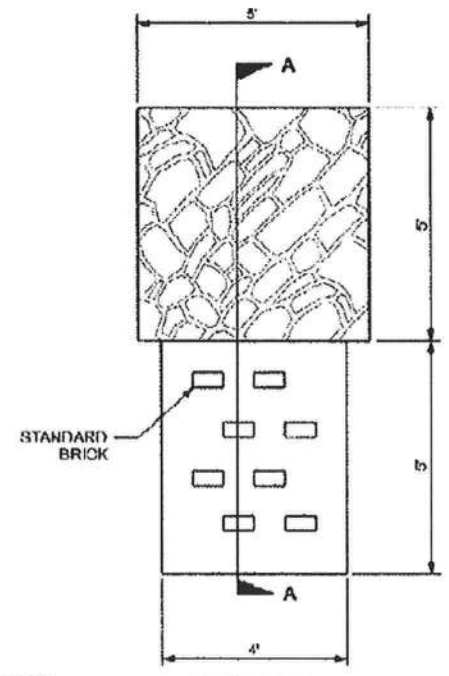
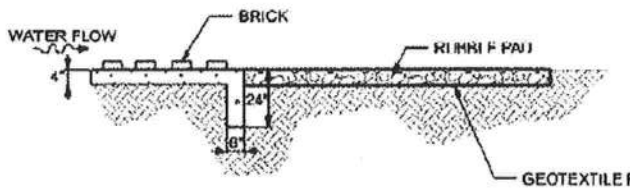






PLAN VIEW



SECTION A-A

ENERGY DISSIPATION & RUBBLE PADS
NTS

ISSUED FOR PERMIT
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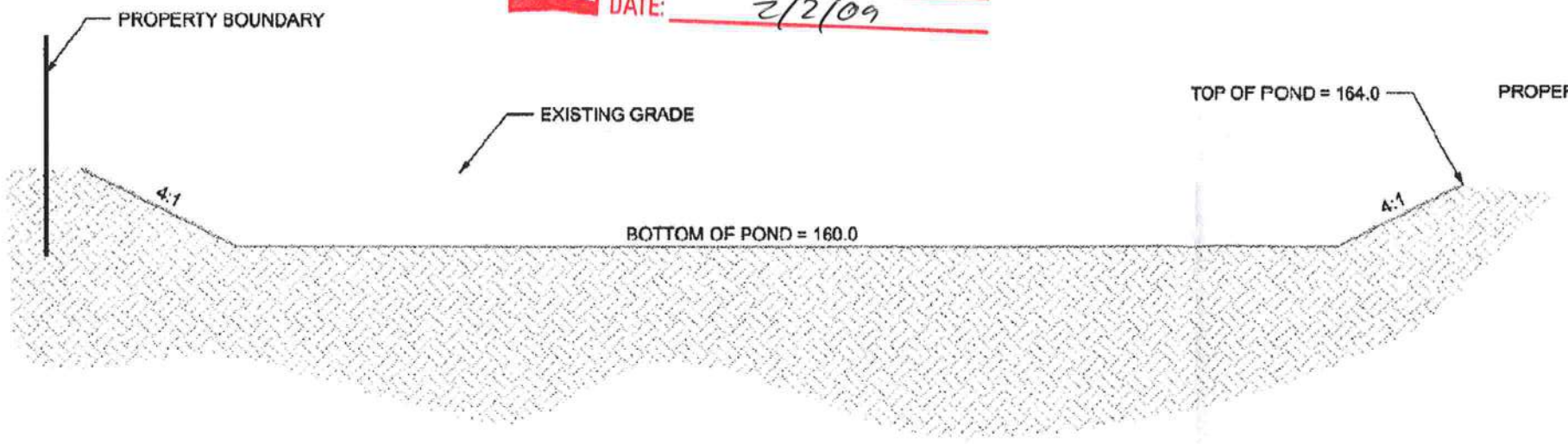
DATE: 2/2/09



SECTION A
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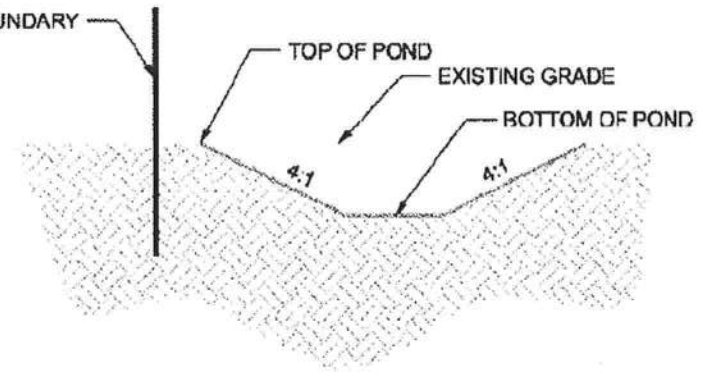

SECTION B
NTS

DATE	REVISION NOTES
11/18/08	PER COLUMBIA COUNTY
12/24/08	PER CLIENT

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CONCEPT CONSTRUCTION
DOLLAR GENERAL
STORMWATER PLAN

DRAWN BY	CHECKED BY
KS	CW

PROJECT NUMBER
PF08-141

SHEET
5

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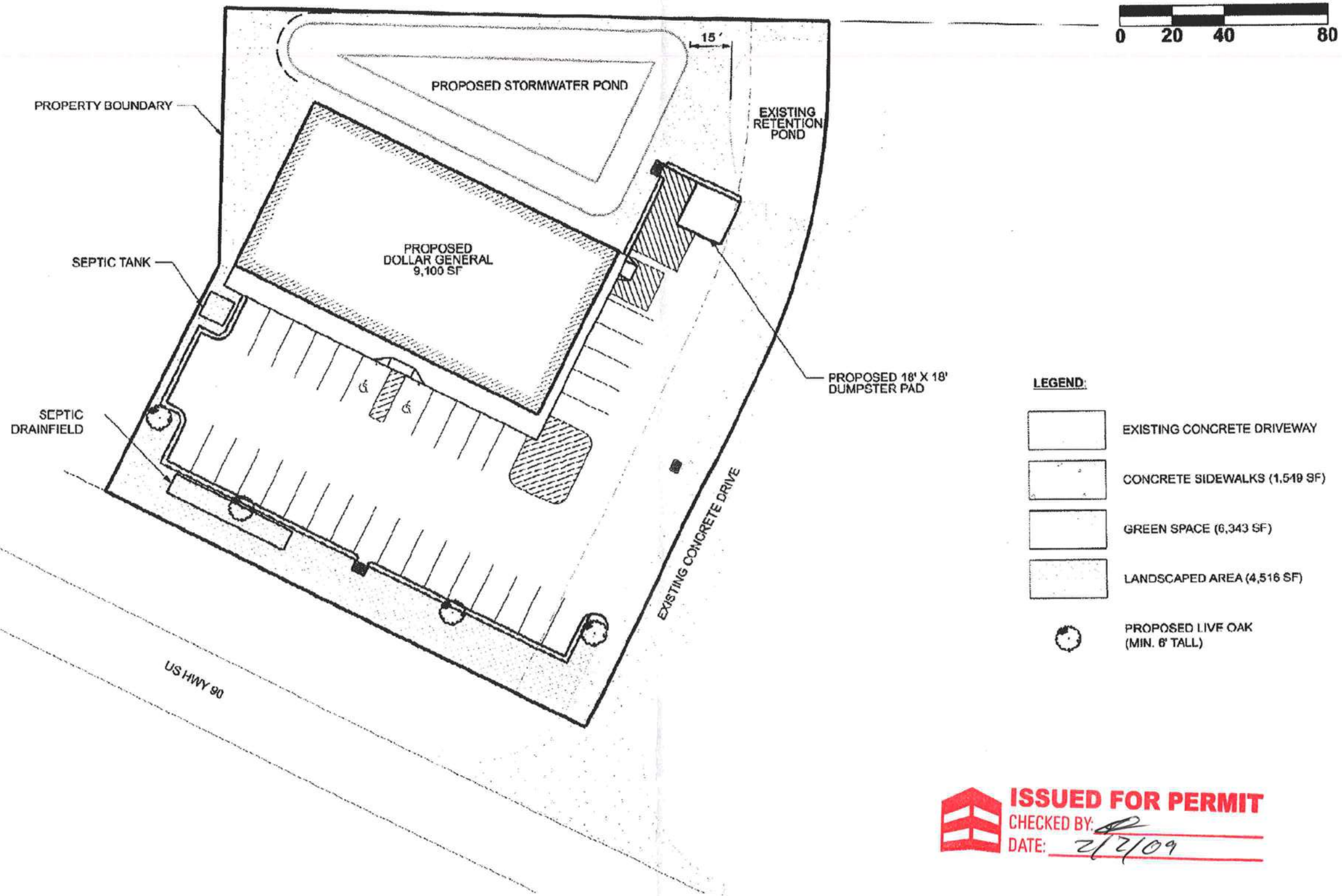

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DATE: 2/2/09

DATE	REVISION NOTES
11/19/08	PER COLUMBIA COUNTY *
12/24/08	PER CLIENT

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CONCEPT CONSTRUCTION
DOLLAR GENERAL
LANDSCAPING PLAN

DRAWN BY	CHECKED BY
KS	CW

PROJECT NUMBER
PF08-141

SHEET
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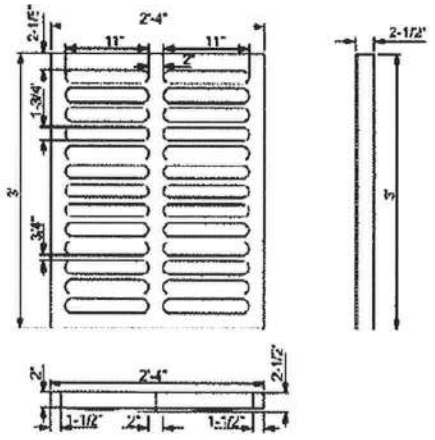
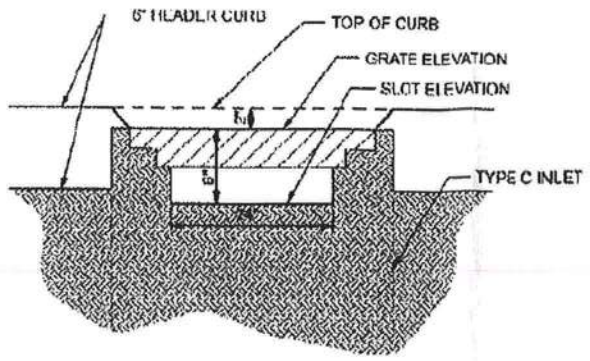
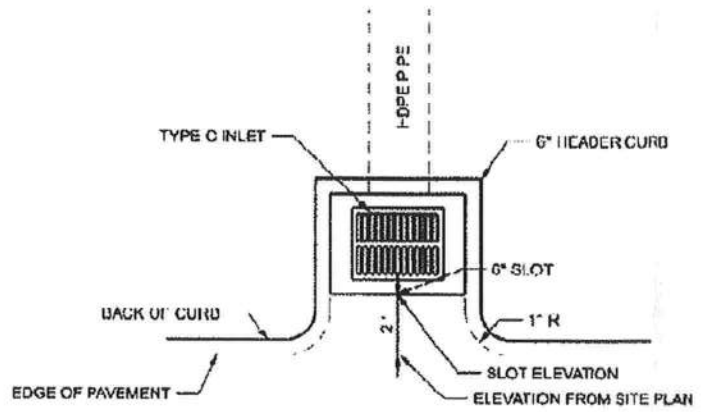


APPROX WEIGHT 235 lbs

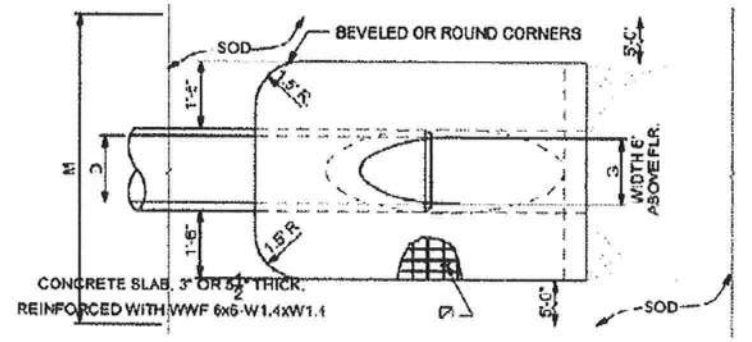
TYPE C GRATE
NTS



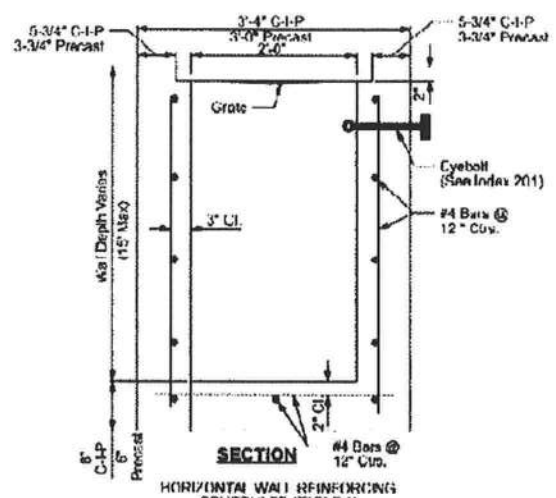


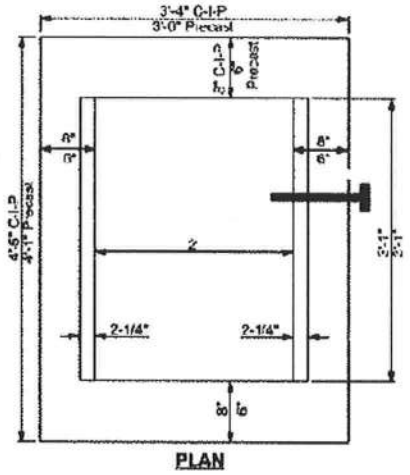
TYPICAL INLET PLACEMENT DETAIL
NTS

4d SLOPE	D	X	A	B	C	E	F	G	H■	M SINGLE PIPE	N	CONC. (cy) SINGLE PIPE	CONC. (cy) SINGLE PIPE
	15"	2' 7"	2.5'	3.00'	5.59'	3.0'	7'	1.23'	4'	4.33'	1.04'	0.44	22
	18"	2'-10"	2.5'	4.12'	6.62'	4.0'	8'	1.41'	4'	4.58'	1.04'	0.48	24
	24"	3'-5"	2.5'	6.18'	8.68'	6.0'	10'	1.73'	4'	5.08'	1.04'	0.65	27



TOP VIEW - SINGLE PIPE



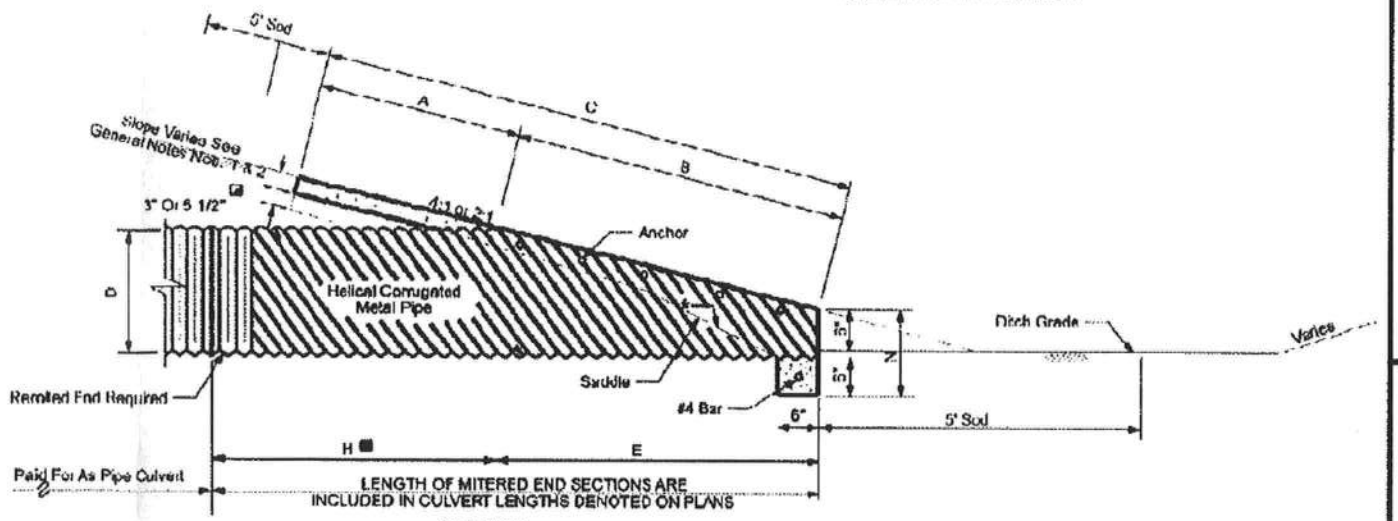


HORIZONTAL WALL REINFORCING SCHEDULES (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (in.²/ft.)	MAX SPACING BARS	MAX SPACING WWF
0'-15"	A/2	0.20	12"	8"

RECOMMENDED MAXIMUM PIPE SIZE.
2'-0" WALL 18" PIPE
3'-1" WALL 24" PIPE (18" WHERE ON 18" PIPE ENTERS A 2'-0" WALL)

TYPE C DITCH BOTTOM
NTS



SECTION

■ Values shown for estimating pipe quantities and are for information only

◪ The reinforced concrete slab shall be constructed for all sizes of cross drain pipe and cast in place with Class I concrete. Slabs shall be 5 1/2" thick unless 3" thickness is called for in plans.

★ SLOPE: 4d MITER: TO C.L. PIPE FOR PIPES 18" AND SMALLER.
2d FOR PIPES 24" AND LARGER.
2d MITER: TO C.L. PIPE FOR PIPES 18" AND SMALLER.
1d FOR PIPES 24" AND LARGER.

CROSS DRAIN MITERED END SECTION
NTS

ISSUED FOR PERMIT
CHECKED BY:
DATE: 2/2/09

DATE	REVISION NOTES
11/18/08	PER COLUMBIA COUNTY
12/24/08	PER CLIENT

P.O. BOX 187
133 W HOWARD ST
LIVE OAK, FL 32064
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LAKE CITY, FL 32055
Phone: (386) 755-5935
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CONCEPT CONSTRUCTION
DOLLAR GENERAL
MISCELLANEOUS
NOTES & DETAILS

DRAWN BY: KS
CHECKED BY: CW

PROJECT NUMBER
PF08-141

SHEET
7

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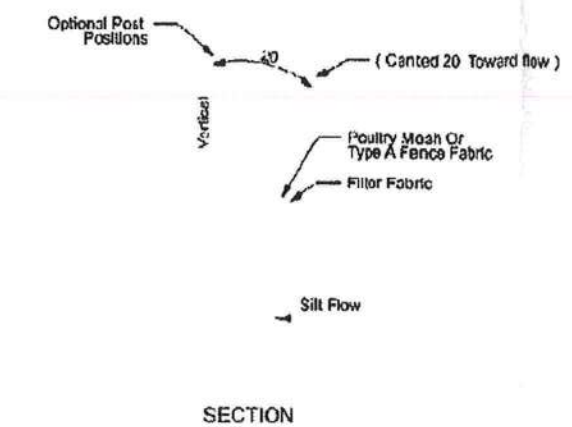
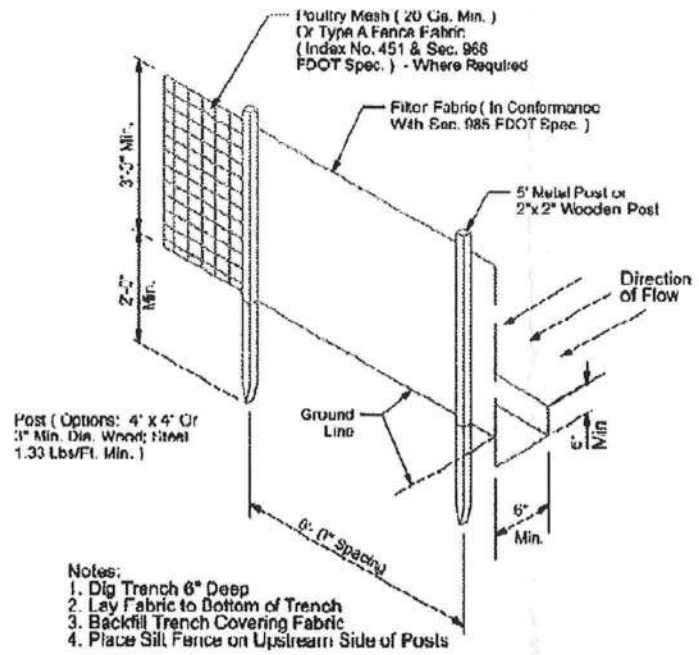
EROSION CONTROL NOTES

1. Contractor shall adhere to Columbia County, SRWMD and other governing authorities for erosion and sediment control regulations. Contractor shall use BMP's from "The Florida Development Manual".
2. Sediment and erosion control facilities, storm drainage facilities and detention basins shall be installed prior to any other construction.
3. Erosion control measures shall be inspected weekly and after each rainfall and replaced as necessary.
4. Sediment and erosion control measures shall not be removed until all construction is complete and until a permanent ground cover has been established.
5. All open drainage swales shall be grassed and riprap shall be placed as required to control erosion.
6. Silt fences shall be located on site to prevent sediment and erosion from leaving right-of-way limits.
7. Additional erosion control devices shall be used as required.
8. Silt fence shall be cleaned or replaced when silt builds up to within one foot of top of silt fence.
9. During construction and after construction is complete, all structures shall be cleaned of all debris and excess sediment.
10. Contractor is responsible for the construction and maintenance of all erosion and sedimentation controls during proposed construction.
11. A pad of rubble riprap shall be placed at the bottom of all collection flumes and collection pipe outlets.
12. All disturbed areas not sodded shall be seeded with a mixture of long-term vegetation and quick-growing short-term vegetation for the following conditions. For the months from September through March, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of winter rye. For the months of April through August, the mix shall consist of 70 pounds per acre of long-term seed and 20 pounds per acre of millet.
13. Staked silt fences shall be placed near all box culvert extensions in accordance with FDOT Standard Index 102.
14. Disturbed areas shall be stabilized with sodding and/or grassing and mulching. All side slopes steeper than 3:1 shall be adequately protected from erosion through the use of hay bales and/or sodding.
15. All stabilization practices shall be initiated as soon as practicable in areas of the job where construction activities have temporarily or permanently stopped, but in no case shall the disturbed area be left unprotected for more than three (3) days.
16. If the proposed erosion control plan does not work, the contractor should use the BMP's in the Florida Erosion and Sediment Control Inspector's manual to implement a plan that will work and meet actual field conditions.
17. All waste generated on the project shall be disposed of by the contractor in areas provided by contractor.
18. Loaded haul trucks shall be covered with tarps.
19. Excess dirt shall be removed daily.
20. Fertilizer shall be applied as specified in the plans and specifications.
21. This project shall comply with all water quality standards. Permit required from SRWMD has been obtained.
22. All pollution controls shall be maintained at all times.
23. Straw bales shall be placed to remove sediment. Straw bales shall be replaced after three (3) months or when sediment reaches one-half (1/2) the height of the bales.
24. Qualified personnel shall inspect the area used for storage of stockpiles, the silt fence and straw bales, the location where vehicles enter or exit the site, and the disturbed areas that have not been finally stabilized, at least once every seven (7) calendar days and within 24 hours of the end of a storm of 2 inches or greater.
25. Sites that have been finally stabilized with sod or grassing shall be inspected at least once every week.

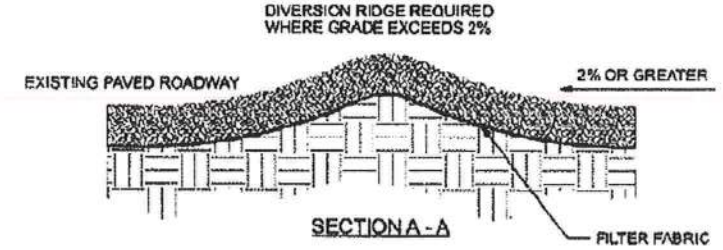


SECTION

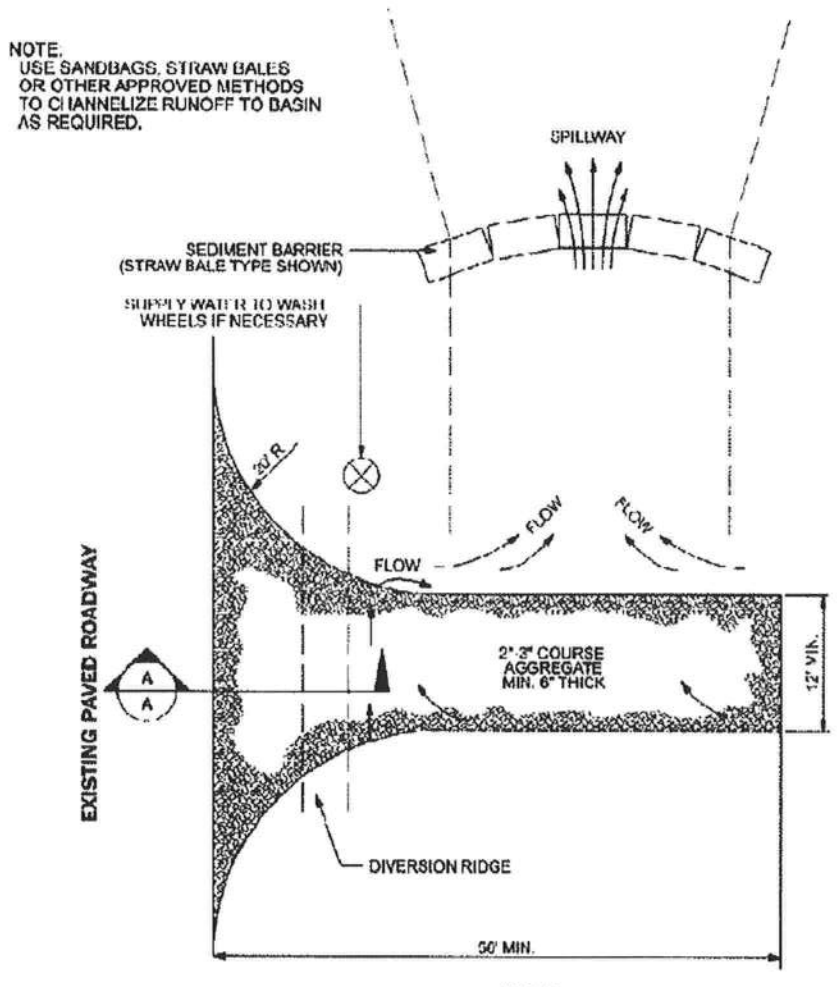


TYPE IV SILT FENCE
NTS

AS COMPARED TO TYPE III SILT FENCE, TYPE IV FENCE HAS GREATER STRENGTH AND HEIGHT WHICH REDUCES THE POSSIBILITY OF SEDIMENT AND WATER FROM OVERTOPPING THE FENCE. AS A RESULT, AVOID USING TYPE IV FENCE IN AREAS WHERE THE DETAINED WATER WOULD BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.



SECTION A - A



PLAN

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
NTS

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS ONTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

ISSUED FOR PERMIT
CHECKED BY:
DATE: 2/2/09

DATE	REVISION NOTES
11/19/08	PER COLUMBIA COUNTY
12/24/08	PER CLIENT

P.O. BOX 187
133 W HOWARD ST
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Fax: (386) 755-9626

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CONCEPT CONSTRUCTION
DOLLAR GENERAL

EROSION CONTROL
NOTES & DETAILS

DRAWN BY: KS
CHECKED BY: CW

PROJECT NUMBER
PF08-141

SHEET
8

Liberty BUILDING SYSTEMS ©

3200 PLAYERS CLUB CIRCLE
MEMPHIS, TN 38125
PHONE: (901) 372-1227 FAX: (901) 372-1341
www.LIBERTYBUILDINGS.COM

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DRAWING TITLE	PAGES
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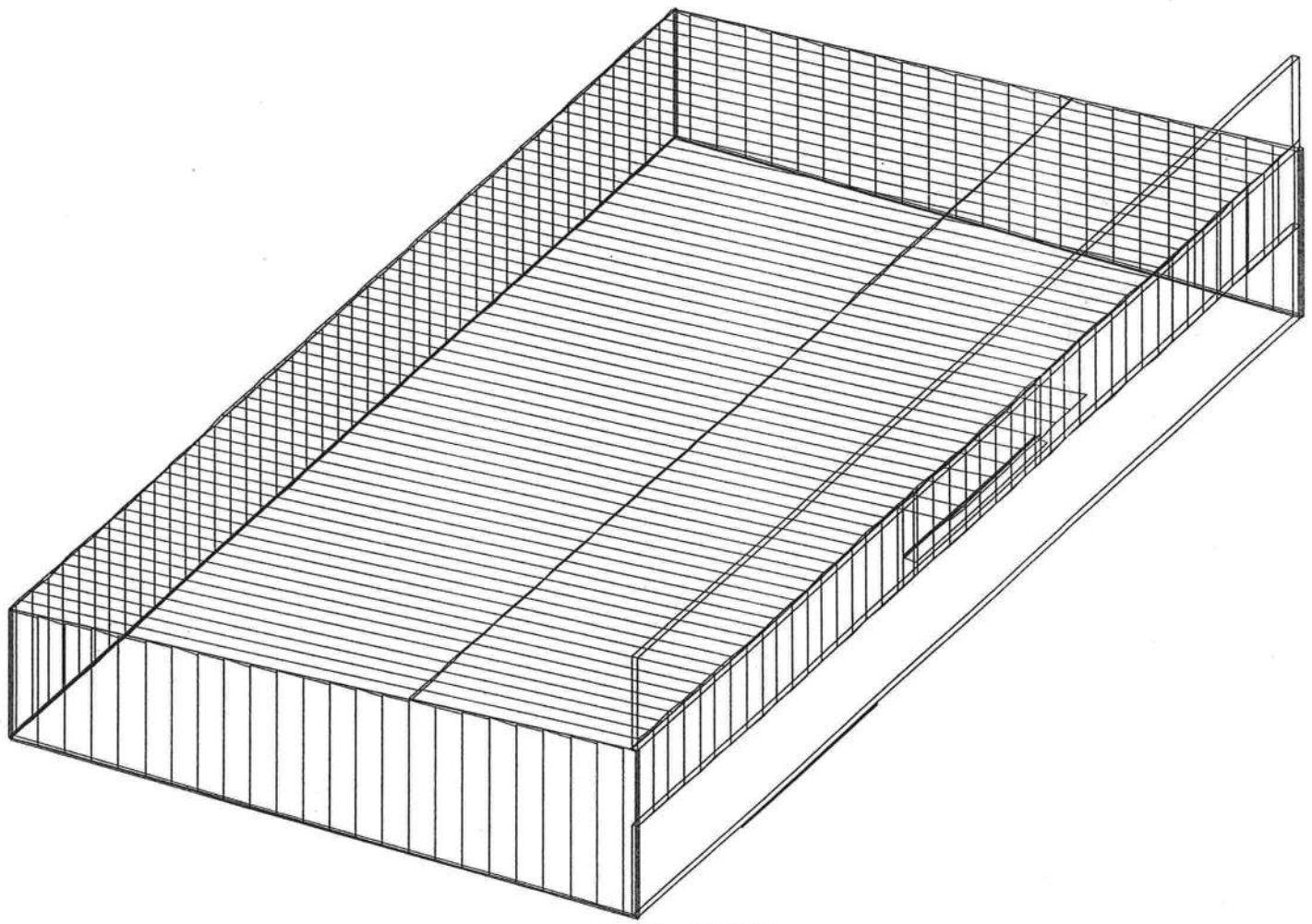
DRAWING RELEASE HISTORY		
TYPE	DATE	DESCRIPTION
Final Erection Drawings	1/22/09	FOR CONSTRUCTION



Liberty Building Systems 3200 Players Club Circle Memphis TN 38125

GENERAL NOTES

MATERIALS

	ASTM DESIGNATION	
3 PLATE WELDED SECTIONS	A529, A572, A1011, A1018	GRADE 55
COLD FORMED LIGHT GAGE SHAPES	A653, A1011	GRADE 60
BRACE RODS	A572	GRADE 50
HOT ROLLED MILL SHAPES	A36, A529, A572, A588, A709, A992	GRADE 36 KSI UNLESS NOTED
HOT ROLLED ANGLES	A529, A572, A588, A709, A992	GRADE 50
HOLLOW STRUCTURAL SECTION (HSS)	A500	GRADE B
CLADDING	A653, A792	GRADE 50 OR GRADE 80

A325 & A490 BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPROPRIATE REGULATIONS. THE FOLLOWING CRITERIA IS IN COMPLIANCE WITH THE LATEST SPECIFICATIONS, HOWEVER THE ERECTOR IS RESPONSIBLE TO VERIFY LOCAL AUTHORITY REQUIREMENTS.
ALL CONNECTIONS MADE WITH A325 BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION AS PERMITTED BY THE SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS (2004 ED), UNLESS INDICATED AS "PRE-TENSIONED" ELSEWHERE IN THESE DRAWINGS, OR AS INDICATED BELOW.

PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, AND STRUT CONNECTIONS IF LOCATED IN IBC SEISMIC PERFORMANCE / DESIGN CATEGORY D, E OR F, UBC ZONE 3 OR 4. SEE CODES AND LOADS NOTES BELOW FOR SEISMIC DESIGN CATEGORY. PRE-TENSION ALL PRIMARY FRAMING CONNECTIONS IN CANADA.

PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, STRUTS AND CRANE RUNWAY CONNECTIONS IF BUILDING SUPPORTS A CRANE WITH A CAPACITY GREATER THAN 5 TONS.

CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.

ALL SLIP CRITICAL CONNECTIONS AS INDICATED IN THESE DRAWINGS WITH -SC DESIGNATION MUST BE PRE-TENSIONED. SC TYPE CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE THE FRICTION AT CONTACT SURFACES.

CONNECTIONS DESIGNATED AS A325-X OR A490-X SHALL BE IINSTALLED WITH BOLT HEAD ON SIDE OF THE THINNEST PLATE BEING CONNECTED.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHTENED", EVEN IF ABOVE CONDITIONS EXIST, UNLESS SPECIFICALLY NOTED OTHERWISE ON DETAILS.
WASHERS ARE NOT REQUIRED FOR "SNUG-TIGHT" CONNECTIONS. PRE-TENSIONED A325 OR A490 CONNECTIONS TIGHTENED USING THE TURN-OF-THE-NUT METHOD DO NOT REQUIRE WASHERS. A490 BOLTS MUST ALWAYS BE PRE-TENSIONED.

CODES AND LOADS

WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS.

Building Code: 2004 Florida State Building Code
Dollar General: Building Use:Standard Occupancy Structures, Collateral Gravity: 3.00 psf (Not Including bldg wt)
LIVE LOADS AND RAINFALL
Live Load 20.00 psf (Reducible)
Rainfall: 6.00 inches per hour

SNOW LOAD
Ground Snow: 0.00 psf, Flat Roof Snow: 0.00 psf
Snow Exposure Category (Factor): 2 Partially Exposed (1.00)
Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

WIND LOAD
Wind Speed: 110.00 mph, Wind Exposure: B
Basic Wind Pressure: 18.45 psf
Max Wall Component Pressure: 21.8, -29.1 psf
Max Roof Component Pressure: 10.0, -55.0 psf
Wind Importance Factor: 1.000, Ft= Topographic Factor: 1.0000
Wind Enclosure: Enclosed, 0.180
Note: All windows, doors, skylights and other covered openings must be designed for the specified above wind loads

EARTHQUAKE DESIGN DATA
Lateral Force Resisting Systems using Equivalent Force Procedure
N/A

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Memphis, TN 38125

JAN 2 6 2009

WHERE DISCREPANCIES EXIST BETWEEN THE LIBERTY BUILDING SYSTEMS PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 4.2.1 AISC CODE OF STANDARD PRACTICE 9TH ED.)

DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY LIBERTY BUILDING SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN LIBERTY BUILDING SYSTEMS UNLESS SPECIFICALLY INDICATED.

COVER SHEET

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDERS PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
DRAWN / CHECK	AYW SSB
PAGE	1

CUSTOMER/CONTRACTOR RESPONSIBILITIES

Liberty Buildings follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. Liberty Buildings standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between Liberty Buildings structural plans and plans for other trades, Liberty Building structural plans shall govern.

It is the responsibility of the Customer to obtain approvals and permits from all governing agencies and jurisdictions as required. Approval of Liberty Building drawings constitutes the customer acceptance of Liberty interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, Liberty Buildings design assumptions shall govern.

Liberty engineers are not Project Engineers or Engineer of Record for the overall project. Liberty engineering supply sealed engineering design data and drawings for Liberty supplied material as part of the overall project for use by others to obtain permits, approvals, and coordinate with other trades. The Customer or A/E firm are responsible for the overall project coordination, including coordination with appropriate inspection and testing agencies. All interface and/or compatibility of any materials not furnished by Liberty are to be considered and coordinated by the customer or A/E firm.

CONSTRUCTION & ERECTION RESPONSIBILITY

The Customer is responsible for construction in strict accordance with Liberty Buildings "FOR CONSTRUCTION" drawings and all applicable product installation guides. Liberty is not responsible for work done from any other Liberty drawings that are not marked "FOR CONSTRUCTION", nor any drawings prepared by others.

As erected field assemblies of members shall be as specified in 2006 MBMA Metal Building Systems Manual Sec. 6 (in Canada - CSA S16-01 Clause 29.7), which generally require L/500 tolerance of assembled members.*
*For buildings with top riding bridge cranes see Crane Data drawing for column plumb tolerance.

The building erector shall be properly licensed and experienced in erecting metal building systems. The Customer is responsible for having knowledge of, and shall comply with, all OSHA requirements and all other governing site safety criteria. The customer is responsible for designing, supplying, locating and installing temporary supports and bracing during erection of the building. Liberty bracing is designed for code required loads after building completion and shall not be considered as adequate erection bracing. See Liberty Builder Memo #BM-006.

EXISTING STRUCTURES

Liberty must be advised of any existing structure that is within 20 ft. of Liberty's building. Loadings of both buildings may be affected when adjacent buildings are within this distance. Liberty cannot be responsible for the design or loading of existing buildings.

BRACING

Tension brace rods work in pairs to balance forces caused by initial tensioning. Care must be taken while tightening brace rods so as not to cause accidental or misalignment of components. All rods must be installed loose and then tightened. Rods should not exhibit excessive sag. For long or heavy rods, or angles it may be necessary to support the rod at mid-bay by suspending it from a secondary member.

Bracing for seismic or wind loading of objects or equipment that are not a part of the Liberty structure must be designed by a qualified professional to deliver lateral loads to primary frames and rod bracing struts. Equipment bracing and suspension connections must not impose torsion or minor axis loads, or cause local distortion in any Liberty components. Liberty accepts no responsibility for design or installation of bracing systems not furnished by Liberty.

FIELD WELDING

All field welding shall be done at the direction of a design professional, and done in accordance with governing requirements (AWS in USA, CWB in Canada) by welders qualified to perform the welding as directed by the applicable welding procedure specification (WPS). A WPS shall be prepared by the contractor for each welding variation specified. Unless otherwise approved, use E70ksi yield, low hydrogen electrodes. The contractor shall provide for any special welding inspection as required by code.

DELIVERIES

It is the responsibility of the customer to have adequate equipment available at the job site to unload trucks in a safe and timely manner. The Customer will be responsible for all retention charges from carriers as a result of job site unloading delays.

Per Liberty Builder Memo #BM-001, claims for damage or losses MUST be noted on the Bill-of-Lading or delivery receipt and filed against the carrier by the consignee as per Liberty's Terms of Sales (F.O.B. Plant) under the Uniform Commercial Code. It is critical that damages or loss be noted on the Bill-of-Lading or you have little recourse with the carrier. Immediately upon delivery of material, material quantities are verified by the Customer against quantities billed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities billed on the shipping document if such shortages are not noted on the shipping documents upon delivery of material and acknowledged by the carriers agent. For materials concealed in bundles, boxes, or crates, shortages must be reported immediately upon unpacking. Should products get wet, bundled and crated materials must be unpacked and unbundled immediately to provide drainage of trapped moisture.

SEALANTS

Sealants shall be applied in strict accordance with Liberty details or weather tightness will be compromised. Sealant must be applied in temperatures and weather conditions consistent with labeling.
Butyl Sealants - Service Temperature Range (Degrees): Min -60F (-51C); Max 220F (104C)
Tape sealants - Service Temperature Range (Degrees): Min -60F (-51C); Max 212F (100C)

INDEPENDENT MEZZANINES

Independent mezzanines must be designed by a professional engineer. The engineer must ensure that proper isolation from the Liberty building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the Liberty structure. Liberty accepts no responsibility for the design of the independent mezzanine.

FIRE CODE COMPLIANCE

It is the responsibility of the project design professional and customer to comply with local fire code regulations including consideration of, but not limited to, building use and occupancy, all building construction materials, separation requirements, egress requirements, fire protection systems, etc. Customer shall advise Liberty of any special requirements to be furnished by Liberty.
Liberty steel roof systems are defined by IBC as Fire Class A roof assemblies (Sec 1505.2).
UL 263 approved fire rated assemblies listed as Design No. P265, P268 and P516.

FIELD MODIFICATIONS

Modifications to this building from details and instructions contained on these drawings must be approved in writing by Liberty Building engineers, or other licensed structural engineer. This includes, but is not limited to, removal of roof or wall cladding, removing or moving any flange braces or rod braces, cutting of openings for doors, windows or RTU's, correction of fabrication errors, etc. The owner shall not impose loads to this structure beyond what is specified for this building in the contract documents. Liberty Buildings, Inc. accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.

Per Liberty Builder Memo #BM-001, if the customer intends to invoice Liberty Buildings for modifications in excess of $1000, the customer must notify Liberty Buildings immediately, and obtain a Work Authorization from Liberty Buildings prior to proceeding. All final claims must be submitted to Liberty Buildings with all supporting documentation within 30 days of the building completion. Claims submitted without work authorizations, or after 30 days will not be accepted. Correction of minor misfits, shimming and plumbing, moderate amount of reaming, drilling, chipping / cutting and minor welding are considered by Code of Standard Practice to be part of erection are not subject to claim reimbursement.

CONCRETE/MASONRY/CONVENTIONAL STUD WALLS

The engineer responsible for the design of the wall system is responsible for coordinating with, or specifying to Liberty Buildings, any wall to steel compatibility issues such as drift and deflection compatibility, special base details, and wall to Liberty steel connections. All fasteners, sealant and counter flashing of wall systems are to be provided by contractor. The engineer responsible for the wall shall design the anchorage to Liberty supporting elements consistent with Code required forces including ASCE7-05 Sec, 12.11.

PANELS

Oil canning is an inherent characteristic of cold formed steel panels. It is the result of several factors that include induced stresses in the raw material delivered to Liberty, fabrication methods, installation procedures, and post installation thermal forces. Thru fastened panels will exhibit some dimpling when installed, especially when insulation is installed between panels and secondary supports. Dimpling can be minimized by careful installation, taking care not to over drive fasteners.

Roof rumble is a phenomenon that is caused by wind gusts lifting up on the roof panels and then springing back into place. All panels experience this action to some degree, especially with concealed clip panels such as LL-24 and SLR. Roof rumble noise may be minimized by providing a layer of blanket insulation between the panels and any hard support surface such as steel secondary members, substrates such as plywood, steel decking, or rigid board insulation. A minimum of 3 inch thick blanket is recommended over steel secondary members, or 2 inch over substrates.

Oil canning, dimpling, and roof rumble do not affect the structural integrity or weather tightness of the panels and is not grounds for rejection of panels.

The SLR joint detail is designed with an interlocking feature for ease of installation. However, it is imperative that installed SLR panels be secured to the secondary structural members and properly seamed prior to departure from the job site each day.

SKYLIGHTS

Liberty's Tuflites and Liberty's domed skylight have been tested to support a 300 lb. load over a 1 sq. ft.. area, as well as uniform gravity and uplift load test. Local building departments may require added fall restraint due to conditions that may affect the skylight structural integrity. It is the responsibility of the customer to determine and provide any added fall restraint under the skylight as may be required by your building department.

RAIN WATER RUNOFF

Drainage systems must be designed by the project professional to comply with code requirements. Liberty is not responsible for drainage designs, overflow scuppers, down piping, etc. The project professional and contractor are responsible to ensure that primary drains and overflow devices such as scuppers and auxiliary drains are provided as required for the required rain intensity at the building perimeter and at valley conditions to prevent ponding.

STEEL SHOP COAT

The purpose of Liberty's shop coat is to provide protection for the steel members during transportation, during temporary job site storage and during erection. Standard shop formulation is not designed to perform as a finish coat when exposed to environmental conditions. Members shall be kept free of the ground and properly drained during job site storage. It is the Customer's responsibility to ensure that if a finish coat is being applied over Liberty shop coat that the painting contractor verifies compatibility between his finish coat and Liberty's shop coat. See Liberty's Builder Memo #BM-001 & #BM-002.

LIBERTY BUILDINGS CERTIFICATIONS

PLANT SPECIFIC CERTIFICATIONS					
	Alabama	California	Missouri	No. Carolina	Wisconsin
IAS	FA-377	FA-240	FA-388	FA-376	FA-378
CSA-A660		VPBULO	VPBMOO		VPBWI9
CWB		Div. 1	Div. 1		Div. 1
Los Angeles, CA		Div. 1			Div. 1
Houston, TX	Approved		Approved		
Riverside, CA		Type 1 Fab #SP02-0028			
Clark Co., NV		Fab ID# 241			
San Bernardino Co, CA		Fab ID# 121			

ICC Evaluation Reports

Liberty Rib II Roof and Wall - #ER-4879
Valley Rib II Wall - #ER-4879

State of Florida Product Approvals

8245 - LR II and VR II Walls
8043 - LR II Roofs
8713.2 - LR II Roof Tuf-Lite
2690.12 - SLR (Listed as Span-Lok HP)
3741-R1 - TextureClad (Listed as Transamerican Strukturoc, Inc.)

Dade Co. Product Approval

Liberty Rib II Roof; Liberty Rib II Wall; and Valley Rib II Wall

Underwriter's Laboratory Approvals

Liberty Rib II Roof UL Class 60-UL#TGKX-60; Liberty Rib II Roof UL Class 90-UL#TGKX-64;
SLR/AEP SL Roof Class 90-UL#TGKX-90

Factory Mutual Approved Assemblies

SLR Roof Systems are approved in various type applications and listed in FM Approval Guide.
24 Ga SLR (0.0227" Nominal), is available in Class 1-75 and 1-120.

Patents

WideBay Trussed Purlins : pat. 6,993,881 pat. 6,912,787

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

THE LIBERTY ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF LIBERTY AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY. THE LIBERTY ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY LIBERTY EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE LIBERTY BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

Erection Notes

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty Building Systems
VERSION: 7.1c

JOB #	09-558
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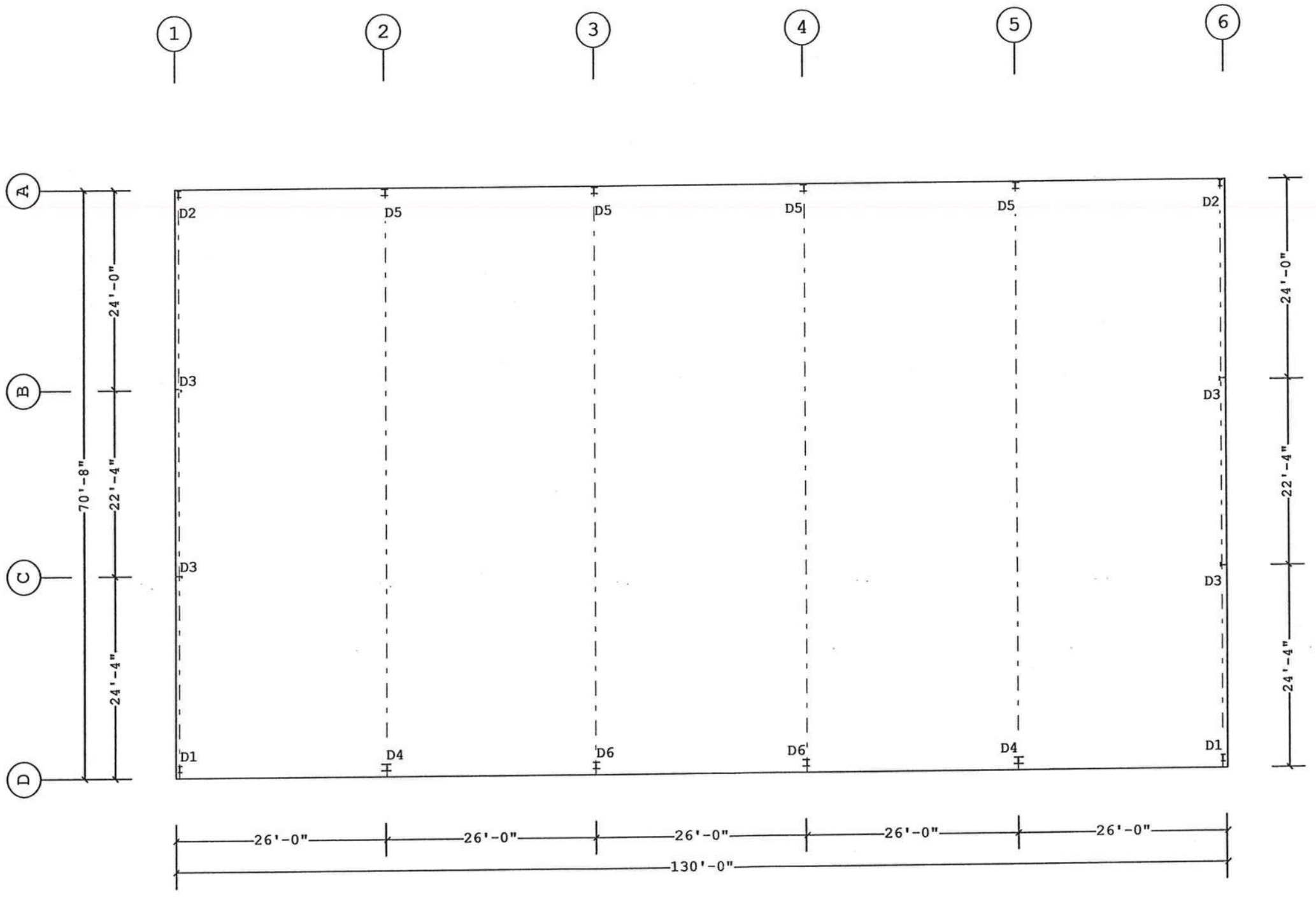

ANCHOR ROD PLAN

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ANCHOR ROD PLAN

BUILDER: Concepts Construction
CUSTOMER: Brian Crawford
LOCATION: Lake City, Florida
PROJECT: Dollar General Opt D
BUILDER'S PO#: 29581
FILENAME:

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #: 09-558
DATE: 1/22/09
DRAWN/CHECK: AYW SSB
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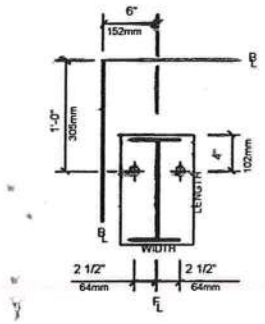
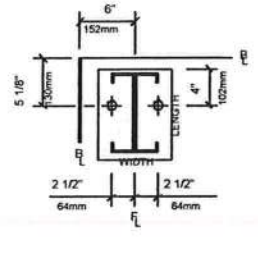
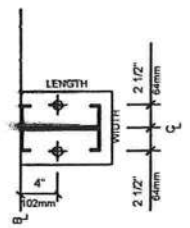


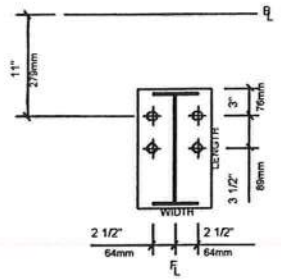
D1 (2)3/4" Dia. A36 A.Rods
Plate W=8" L=11"
Elevation=100'-0"



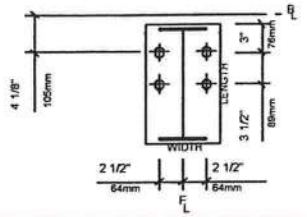
D2 (2)3/4" Dia. A36 A.Rods
Plate W=8" L=10"
Elevation=100'-0"



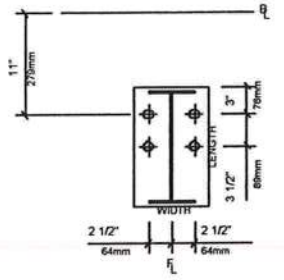
D3 (2)3/4" Dia. A36 A.Rods
Plate W=8" L=10"
Elevation=100'-0"



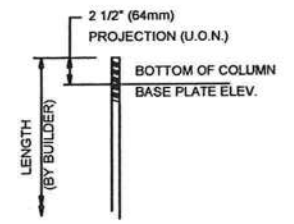
D4 (4)3/4" Dia. A36 A.Rods
Plate W=1'-1" L=11"
Elevation=100'-0"



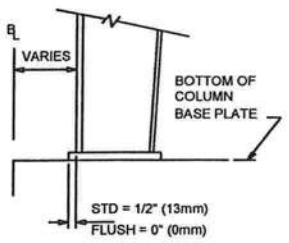
D5 (4)3/4" Dia. A36 A.Rods
Plate W=10" L=11"
Elevation=100'-0"



D6 (4)3/4" Dia. A36 A.Rods
Plate W=10" L=11"
Elevation=100'-0"



TYPICAL ANCHOR
ROD PROJECTION



TYPICAL COLUMN
BASE PLATE DETAIL

1. CONCRETE, GROUT, ANCHOR RODS, AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY OTHERS.
2. UNLESS OTHERWISE SPECIFIED, MANUFACTUER ASSUMES CONCRETE HAS A COMPRESSIVE STRENGTH OF 3000 PSI.
3. ANCHOR ROD DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY=36KSI). ANCHOR ROD LENGTH, EFFECTS OF EMBEDDED ANCHOR ROD EDGE DIMENSIONS AND METHOD OF TRANSFERRING FORCES FROM ANCHOR RODS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.
4. UNLESS OTHERWISE SPECIFIED, ANCHOR RODS ARE DETAILED WITH A PITCH AND GAGE OF 5 INCHES ASSUMING "CAST-IN-PLACE" ANCHOR RODS WITH "SNUG TIGHT" CONNECTIONS.
5. FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH. ANCHOR RODS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT.
6. THE BUILDER IS RESPONSIBLE FOR ACCURATE SETTING OF ANCHOR RODS WITHIN INDIVIDUAL COLUMN ROD GROUPS -TOLERANCE +-1/8". DIMENSIONS BETWEEN ANCHOR ROD GROUPS - TOLERANCE +-1/4". ERECTION OF STEEL COMPONENTS MUST BE STRAIGHT AND PLUMB PER MBMA CODE OF STANDARD PRACTICE.
7. DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT.

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ANCHOR ROD PLAN - DETAILS

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
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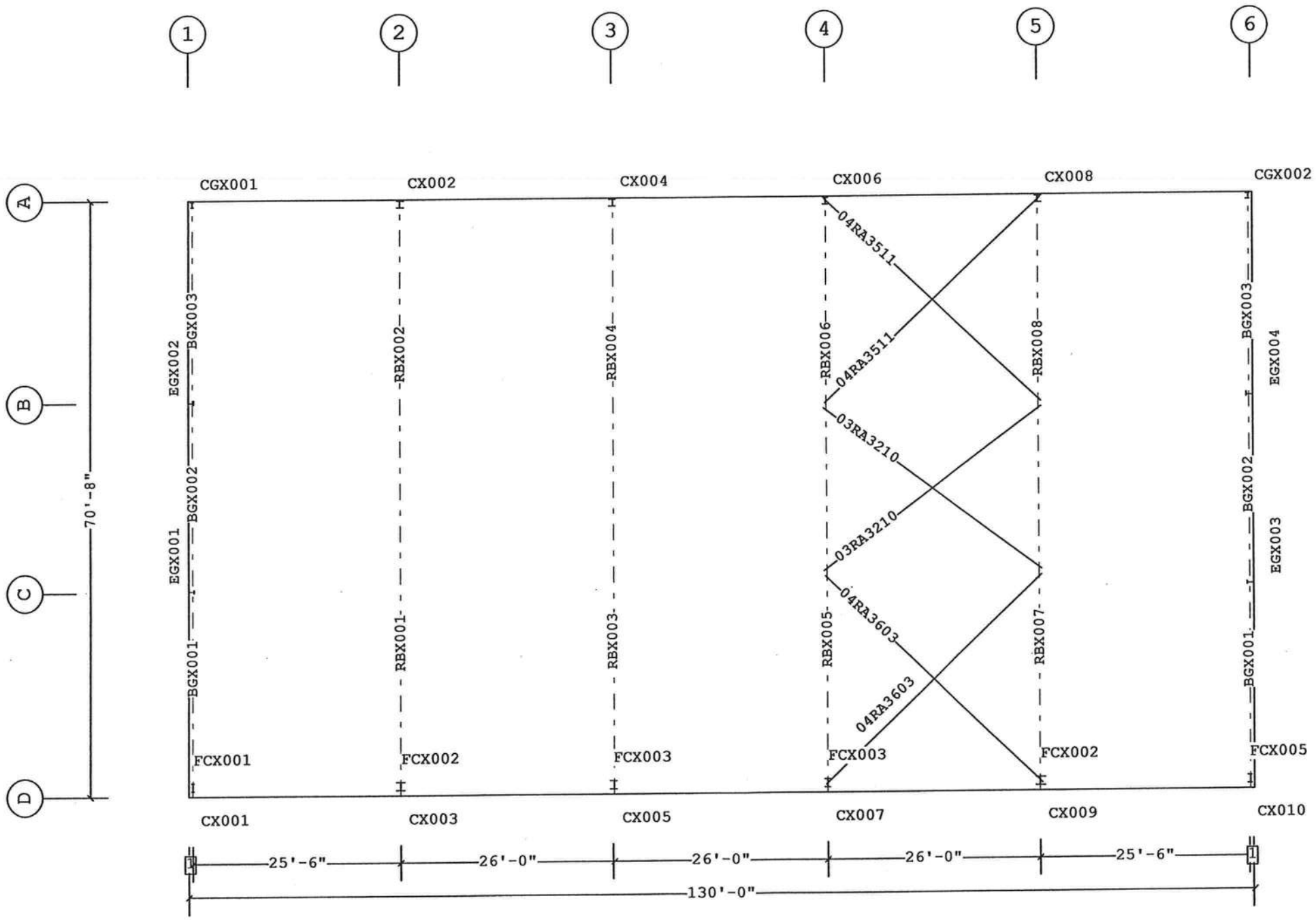

PRIMARY AND ROOF BRACING PLAN

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

1 6"
Dimension Key

FOR CONSTRUCTION

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

THE LIBERTY ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF LIBERTY AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY. THE LIBERTY ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY LIBERTY EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY.

Shape Name = Dollar General

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

PRIMARY AND ROOF BRACING PLAN

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
DRAWN/CHECK	AYW SSB
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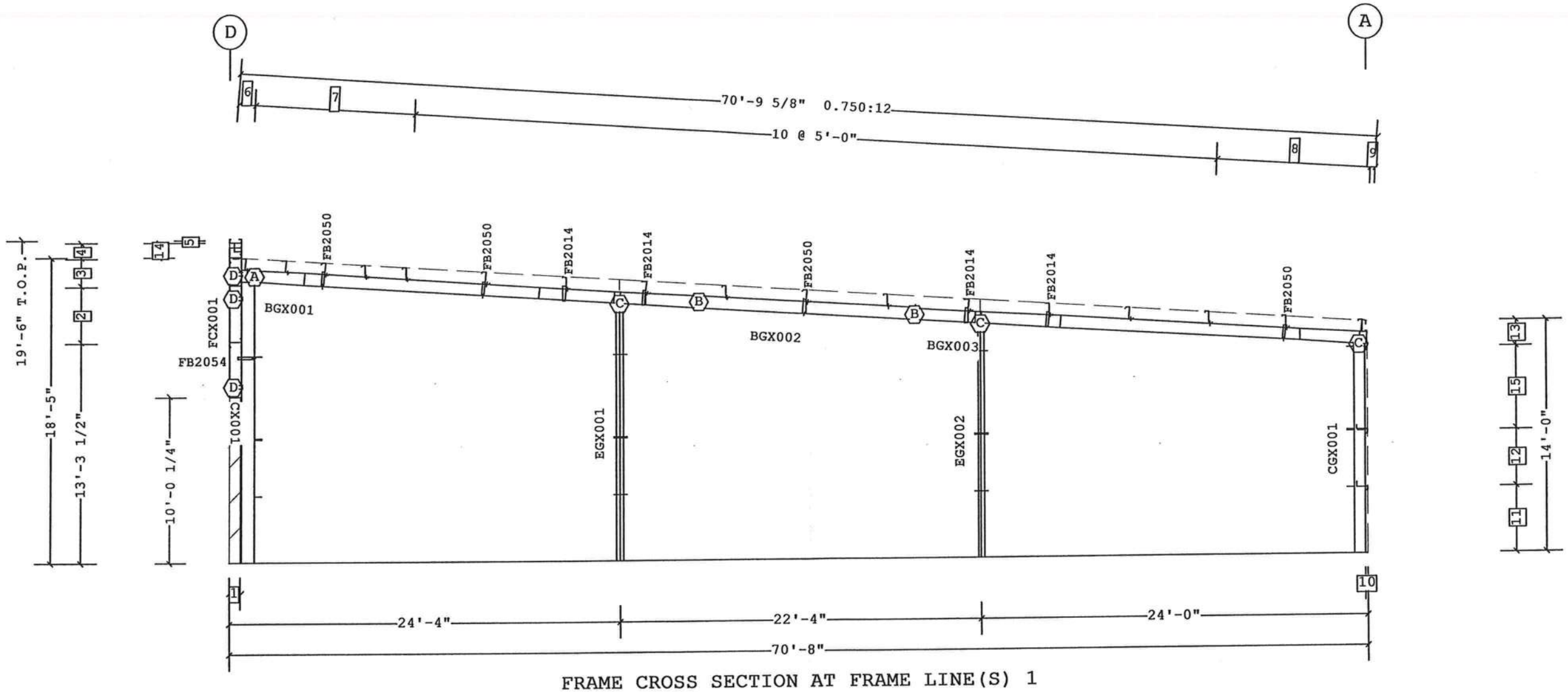
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail	Cee Mark No
FCX001	30001	5"	.2500	.1345	8 1/2"	8 1/2"	9'-0"		
CX001	1	5"	.1345	.1345	10"	10"	17'-7 15/16"		
BGX001	2-5	5"	.1050	2@.1050	8 1/2"	8 1/2"	27'-9 1/2"		
BGX002	6	5"	.0590	2@.0590	8 1/2"	8 1/2"	13'-4 1/2"		
BGX003	7-10	5"	.1050	2@.1050	8 1/2"	8 1/2"	28'-0 5/16"		
CGX001	11	5"	.0590	2@.0590	8 1/2"	8 1/2"	12'-7 5/8"		
EGX001	12	5"	.0650	2@.0650	8 1/2"	8 1/2"	15'-5 7/8"	BR25C9	
EGX002	13	5"	.0590	2@.0590	8 1/2"	8 1/2"	14'-1 1/8"	BR25C9	

Frame Clearances
Horiz. Clearance between members 1(CX001) and 11(CGX001): 68'-3 3/8"
Vert. Clearance at member 1(CX001): 16'-10 13/16"
Vert. Clearance at member 11(CGX001): 12'-7 5/8"
Vert. Clearance at member 12(EGX001): 15'-5 11/16"
Vert. Clearance at member 13(EGX002): 14'-0 15/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 1

15	5'-0"
14	10 1/2"
13	1'-6 3/4"
12	3'-5 1/4"
11	4'-0"
10	1 5/8"
9	3 1/2"
8	2 @ 4'-8 13/16"
7	4 @ 2'-6"
6	1'-0 1/2"
5	2 1/2"
4	11 1/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	8 1/2"

☐ Dimension Key

⬡ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	4	A325	3/4"	2"	3/8"	1	1		
B	6	A325	1/2"	1 1/2"	1/4"	2	1		
C	4	A325	1/2"	1 1/2"	3/8"	1	1		
D	4	A325	1/2"	1 1/2"	1/4"				Yes

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

Shape Name = Dollar General Wall 4, Frame 1

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 1

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

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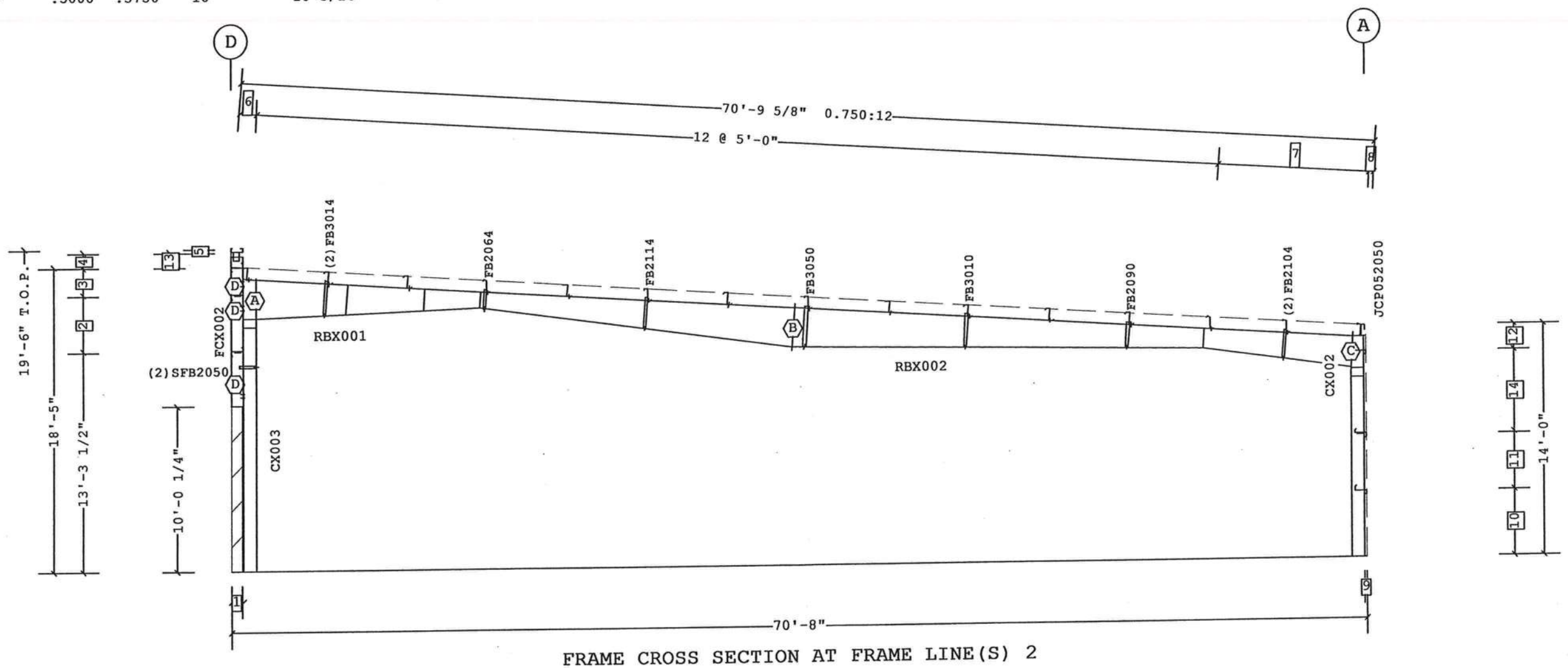
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
FCX002	30001	5"	.2500	.1345	8 1/2"	8 1/2"	9'-0"
CX003	1	1'-0"	.6250	.3750	10"	10"	17'-7 7/8"
	2	1'-0"	.6250	.3750	10"	10"	
RBX001	3	6"	.3750	.1345	2'-4"	1'-0"	33'-7 7/16"
	4	6"	.3750	.1345	1'-0"	2'-4"	
RBX002	5	5"	.3750	.1875	2'-4"	1'-2"	34'-9 7/16"
	6	5"	.3125	.1644	1'-2"	1'-11"	
CX002	7	9"	.5000	.3750	10 3/16"	10"	13'-3 9/16"
	8	9"	.5000	.3750	10"	10 3/16"	

Frame Clearances
Horiz. Clearance between members 1(CX003) and 7(CX002): 68'-1 11/16"
Horiz. Clearance between members 1(CX003) and 8(CX002): 68'-1 11/16"
Horiz. Clearance between members 2(CX003) and 7(CX002): 68'-1 11/16"
Horiz. Clearance between members 2(CX003) and 8(CX002): 68'-1 11/16"
Vert. Clearance at member 2(CX003): 15'-2 3/4"
Vert. Clearance at member 7(CX002): 11'-2 7/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 2

14	5'-0"
13	10 1/2"
12	1'-6 3/4"
11	3'-5 1/4"
10	4'-0"
9	1 5/8"
8	3 1/2"
7	2 @ 4'-8 13/16"
6	1'-0 9/16"
5	2 1/2"
4	11 1/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	8 1/2"

☐ Dimension Key

◯ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	10	A325	3/4"	2 1/4"	5/8"	3	2		
B	8	A325	3/4"	2"	1/2"	2	2		
C	12	A325	3/4"	2"	1/2"	3	3		
D	4	A325	1/2"	1 1/2"	1/4"				Yes

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

Shape Name = Dollar General Wall 4, Frame 2

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 2

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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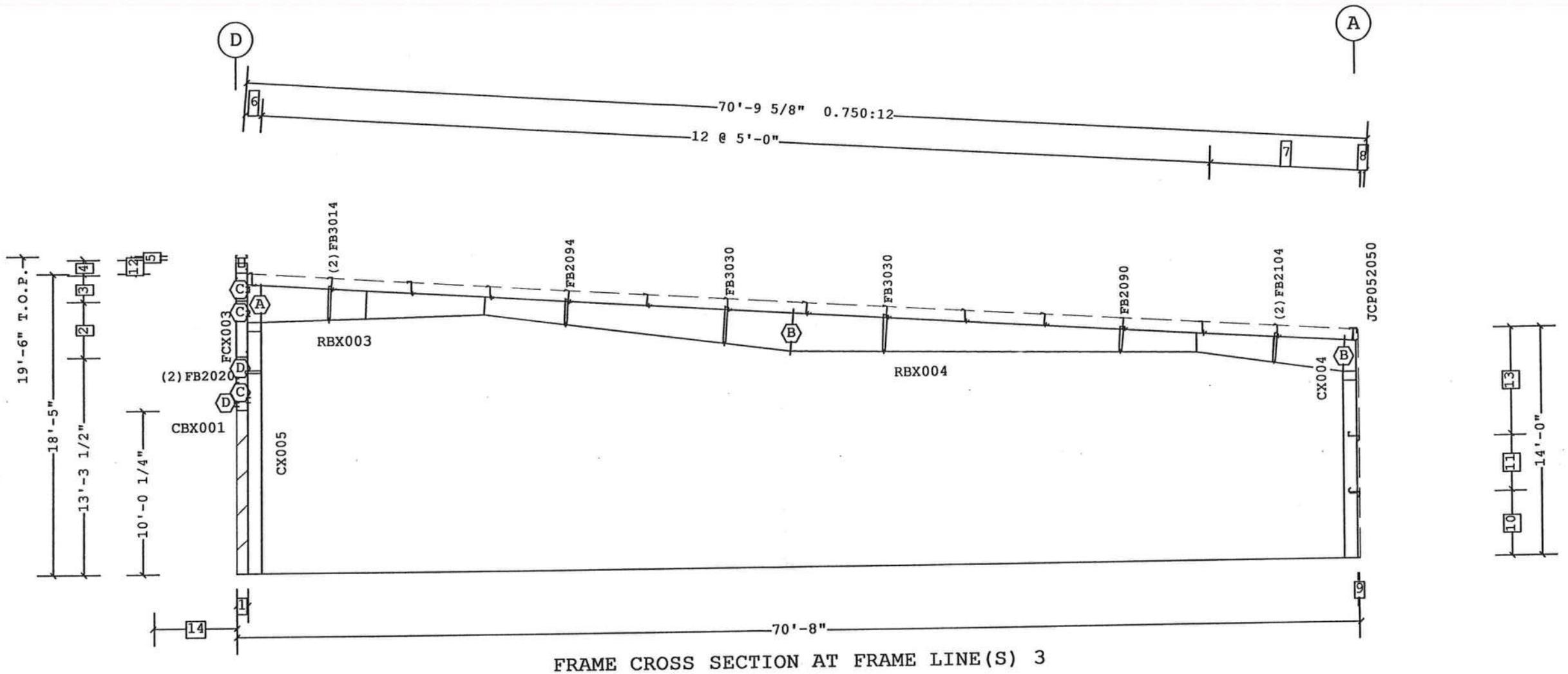
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
FCX003	30001	6"	.2500	.1345	8 1/2"	8 1/2"	9'-0"
CX005	1	9"	.7500	.3750	10"	10"	17'-7 7/8"
	2	9"	.7500	.3750	10"	10"	
RBX003	3	5"	.3750	.1644	2'-3"	1'-1"	33'-7 7/16"
	4	5"	.3750	.1644	1'-1"	2'-4"	
RBX004	5	6"	.3750	.1644	2'-4"	1'-2"	34'-9 7/16"
	6	6"	.3125	.1345	1'-2"	1'-11"	
CX004	7	9"	.5000	.3750	10 3/16"	10"	13'-3 9/16"
	8	9"	.5000	.3750	10"	10 3/16"	

Frame Clearances
Horiz. Clearance between members 1(CX005) and 7(CX004): 68'-1 11/16"
Horiz. Clearance between members 1(CX005) and 8(CX004): 68'-1 11/16"
Horiz. Clearance between members 2(CX005) and 7(CX004): 68'-1 11/16"
Horiz. Clearance between members 2(CX005) and 8(CX004): 68'-1 11/16"
Vert. Clearance at member 2(CX005): 15'-3 13/16"
Vert. Clearance at member 7(CX004): 11'-2 7/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 3

14	5'-4"
13	6'-6 3/4"
12	10 1/2"
11	3'-5 1/4"
10	4'-0"
9	1 5/8"
8	3 1/2"
7	2 @ 4'-8 13/16"
6	1'-0 9/16"
5	2 1/2"
4	11 1/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	8 1/2"

☐ Dimension Key

◯ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	8	A325	3/4"	2 1/2"	3/4"	2	2		
B	8	A325	3/4"	2"	1/2"	2	2		
C	4	A325	1/2"	1 1/2"	1/4"				Yes
D	8	A325	3/4"	1 3/4"	1/4"				Yes

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Shape Name = Dollar General Wall 4, Frame 3

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 3

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS

VERSION: 7.1c

JOB #	09-558
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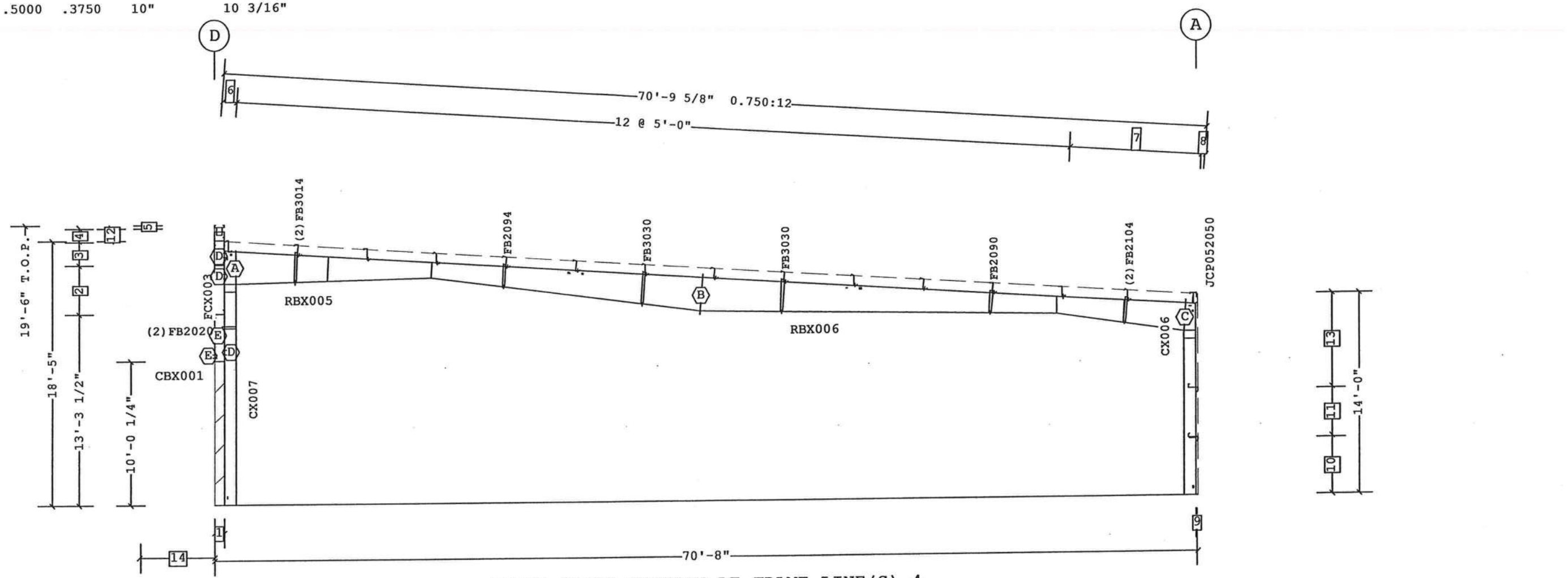
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
FCX003	30001	6"	.2500	.1345	8 1/2"	8 1/2"	9'-0"
CX007	1	9"	.7500	.3750	10"	10"	17'-7 7/8"
	2	9"	.7500	.3750	10"	10"	
RBX005	3	5"	.3750	.1644	2'-3"	1'-1"	33'-7 7/16"
	4	5"	.3750	.1644	1'-1"	2'-4"	
RBX006	5	6"	.3750	.1644	2'-4"	1'-2"	34'-9 7/16"
	6	6"	.3125	.1345	1'-2"	1'-11"	
CX006	7	9"	.5000	.3750	10 3/16"	10"	13'-3 9/16"
	8	9"	.5000	.3750	10"	10 3/16"	

Frame Clearances
Horiz. Clearance between members 1(CX007) and 7(CX006): 68'-1 11/16"
Horiz. Clearance between members 1(CX007) and 8(CX006): 68'-1 11/16"
Horiz. Clearance between members 2(CX007) and 7(CX006): 68'-1 11/16"
Horiz. Clearance between members 2(CX007) and 8(CX006): 68'-1 11/16"
Vert. Clearance at member 2(CX007): 15'-3 13/16"
Vert. Clearance at member 7(CX006): 11'-2 7/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 4

14	5'-4"
13	6'- 6 3/4"
12	10 1/2"
11	3'-5 1/4"
10	4'-0"
9	1 5/8"
8	3 1/2"
7	2 @ 4'-8 13/16"
6	1'-0 9/16"
5	2 1/2"
4	11 1/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	8 1/2"

☐ Dimension Key

◇Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	8	A325	3/4"	2 1/2"	3/4"	2	2		
B	10	A325	3/4"	2"	1/2"	2	3		
C	8	A325	3/4"	2"	1/2"	2	2		
D	4	A325	1/2"	1 1/2"	1/4"				Yes
E	8	A325	3/4"	1 3/4"	1/4"				Yes

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

Shape Name = Dollar General Wall 4, Frame 4

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 4

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

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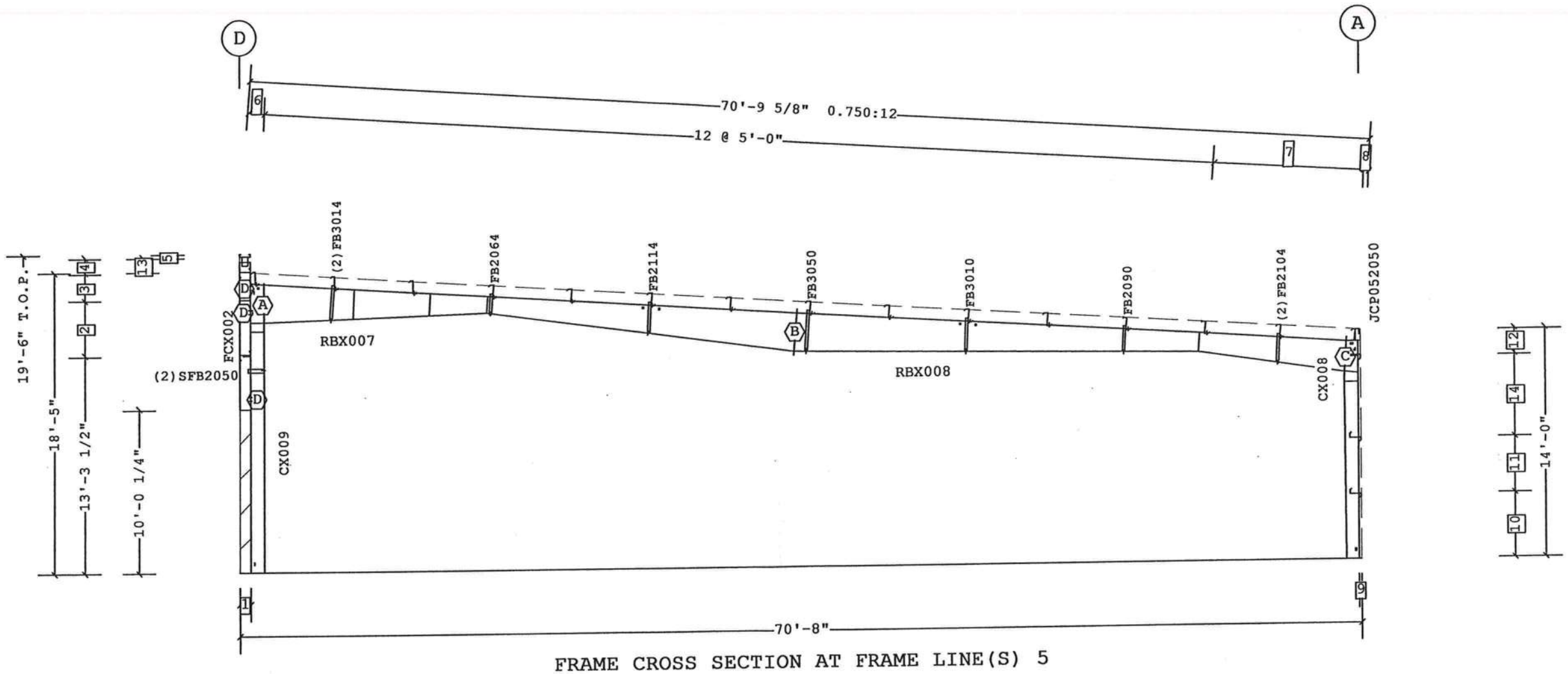
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth
FCX002	30001	5"	.2500	.1345	8 1/2"	8 1/2"	9'-0"
CX009	1	1'-0"	.6250	.3750	10"	10"	17'-7 7/8"
	2	1'-0"	.6250	.3750	10"	10"	
RBX007	3	6"	.3750	.1345	2'-4"	1'-0"	33'-7 7/16"
	4	6"	.3750	.1345	1'-0"	2'-4"	
RBX008	5	5"	.3750	.1875	2'-4"	1'-2"	34'-9 7/16"
	6	5"	.3125	.1644	1'-2"	1'-11"	
CX008	7	9"	.5000	.3750	10 3/16"	10"	13'-3 9/16"
	8	9"	.5000	.3750	10"	10 3/16"	

Frame Clearances
Horiz. Clearance between members 1(CX009) and 7(CX008): 68'-1 11/16"
Horiz. Clearance between members 1(CX009) and 8(CX008): 68'-1 11/16"
Horiz. Clearance between members 2(CX009) and 7(CX008): 68'-1 11/16"
Horiz. Clearance between members 2(CX009) and 8(CX008): 68'-1 11/16"
Vert. Clearance at member 2(CX009): 15'-2 3/4"
Vert. Clearance at member 7(CX008): 11'-2 7/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 5

14	5'-0"
13	10 1/2"
12	1'-6 3/4"
11	3'-5 1/4"
10	4'-0"
9	1 5/8"
8	3 1/2"
7	2 @ 4'-8 13/16"
6	1'-0 9/16"
5	2 1/2"
4	11 1/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	8 1/2"

☐ Dimension Key

◯ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	10	A325	3/4"	2 1/4"	5/8"	3	2		
B	8	A325	3/4"	2"	1/2"	2	2		
C	12	A325	3/4"	2"	1/2"	3	3		
D	4	A325	1/2"	1 1/2"	1/4"				Yes

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

Shape Name = Dollar General Wall 4, Frame 5

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 5

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

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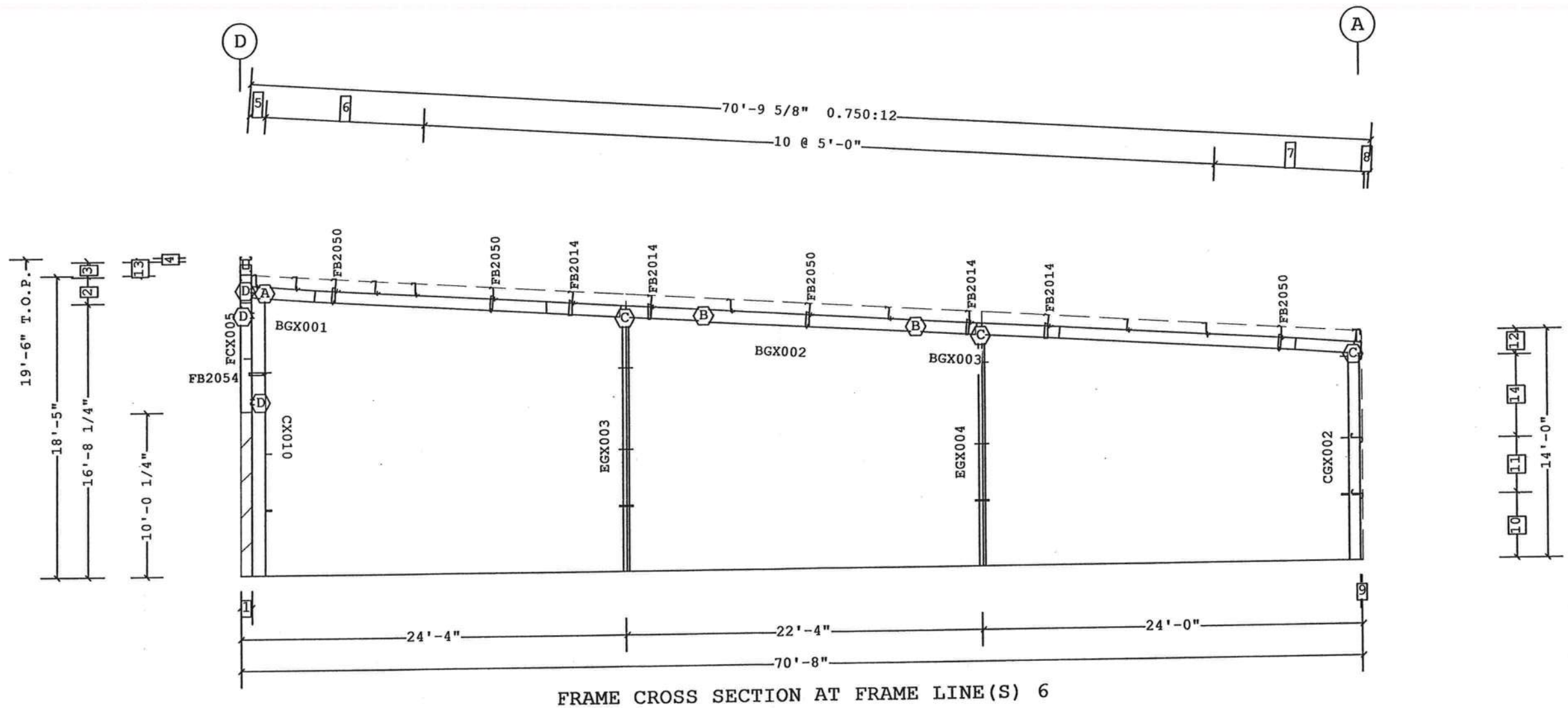
◯ Frame Member Schedule

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Detail	Cee Mark No
FCX005	30001	5"	.2500	.1345	8 1/2"	8 1/2"	9'-0"		
CX010	1	5"	.1345	.1345	10"	10"	17'-7 15/16"		
BGX001	2-5	5"	.1050	2@.1050	8 1/2"	8 1/2"	27'-9 1/2"		
BGX002	6	5"	.0590	2@.0590	8 1/2"	8 1/2"	13'-4 1/2"		
BGX003	7-10	5"	.1050	2@.1050	8 1/2"	8 1/2"	28'-0 5/16"		
CGX002	11	5"	.0590	2@.0590	8 1/2"	8 1/2"	12'-7 5/8"		
EGX003	12	5"	.0650	2@.0650	8 1/2"	8 1/2"	15'-5 7/8"	BR25C9	
EGX004	13	5"	.0590	2@.0590	8 1/2"	8 1/2"	14'-1 1/8"	BR25C9	

Frame Clearances
Horiz. Clearance between members 1(CX010) and 11(CGX002): 68'-3 3/8"
Vert. Clearance at member 1(CX010): 16'-10 13/16"
Vert. Clearance at member 11(CGX002): 12'-7 5/8"
Vert. Clearance at member 12(EGX003): 15'-5 11/16"
Vert. Clearance at member 13(EGX004): 14'-0 15/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 6

14	5'-0"
13	10 1/2"
12	1'-6 3/4"
11	3'-5 1/4"
10	4'-0"
9	1 5/8"
8	3 1/2"
7	2 @ 4'-8 13/16"
6	4 @ 2'-6"
5	1'-0 9/16"
4	2 1/2"
3	11 1/16"
2	1'-8 3/16"
1	8 1/2"

☐ Dimension Key

⬡ Bolt Connection & Plate Schedule

Id	Qty	ASTM	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	Tension Bolt	Washer
A	4	A325	3/4"	2"	3/8"	1	1		
B	6	A325	1/2"	1 1/2"	1/4"	2	1		
C	4	A325	1/2"	1 1/2"	3/8"	1	1		
D	4	A325	1/2"	1 1/2"	1/4"				Yes

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. USE 1/2 X 1 1/2 A325 SNUG TIGHTENED BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

Shape Name = Dollar General Wall 4, Frame 6

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

FRAME CROSS SECTION AT FRAME LINE(S) 6

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
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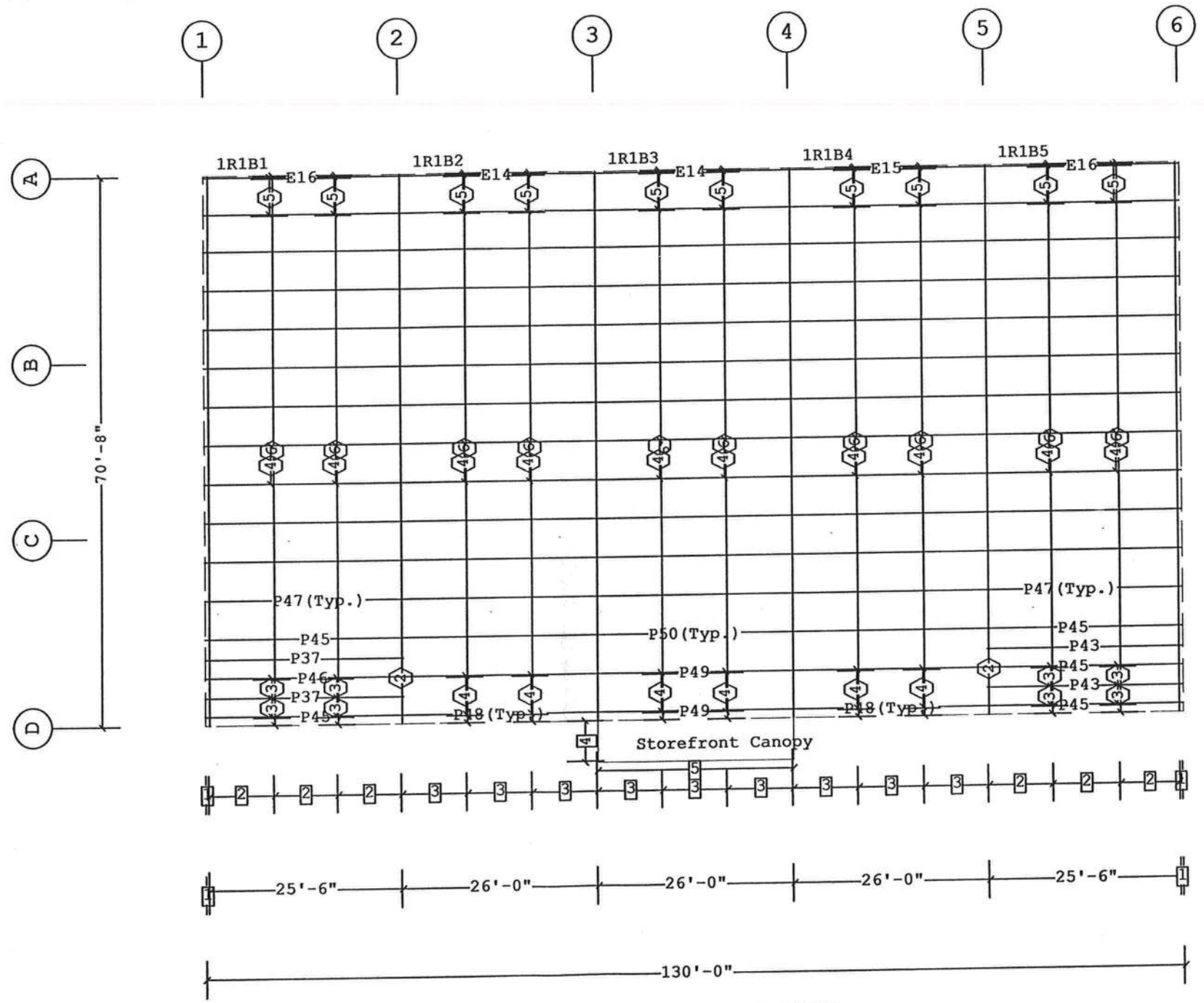
Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap
E14	01UE2511415	0.0730	8 1/2"	
E15	01UE2511414	0.0820	8 1/2"	
E16	03UE2511415	0.0730	8 1/2"	
J6	001J1006015	0.0730	8 1/2"	
P37	001T2602013	0.0920	8 1/2"	
P43	002T2602013	0.0920	8 1/2"	
P45	24T2901014	0.0820	8 1/2"	3'-0"
P46	22T2801017	0.0590	8 1/2"	2'-0"
P47	26T3001012	0.1050	8 1/2"	4'-0"
P48	46T3402415	0.0730	8 1/2"	4'-0"
P49	46T3402417	0.0590	8 1/2"	4'-0"
P50	46T3402416	0.0650	8 1/2"	4'-0"

Part Mark Key
1 J6(See BR09HF)
2 J6
3 PSM02047
4 PSM04107
5 PSM04075
6 (2) PST1 (Top & Bottom)



ROOF SECONDARY PLAN

5 26'-0"
4 5'-4"
3 8'-8"
2 8'-6"
1 6"
Dimension Key

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR PURLIN LAP, PURLIN TO FRAME, FLANGE BRACE TO FRAME, AND FLANGE BRACE TO PURLIN CONNECTIONS.
2. WIND, FLANGE, AND PURLIN BRACING ARE AN INTEGRAL PART OF THE ROOF STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF ROOF BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

THE LIBERTY ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF LIBERTY AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY. THE LIBERTY ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY LIBERTY EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY LIBERTY.

Shape Name = Dollar General

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE LIBERTY BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

NTS

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

ROOF SECONDARY PLAN

BUILDER Concepts Construction
CUSTOMER Brian Crawford
LOCATION Lake City, Florida
PROJECT Dollar General Opt D
BUILDER'S PO# 29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB # 09-558
DATE 1/22/09
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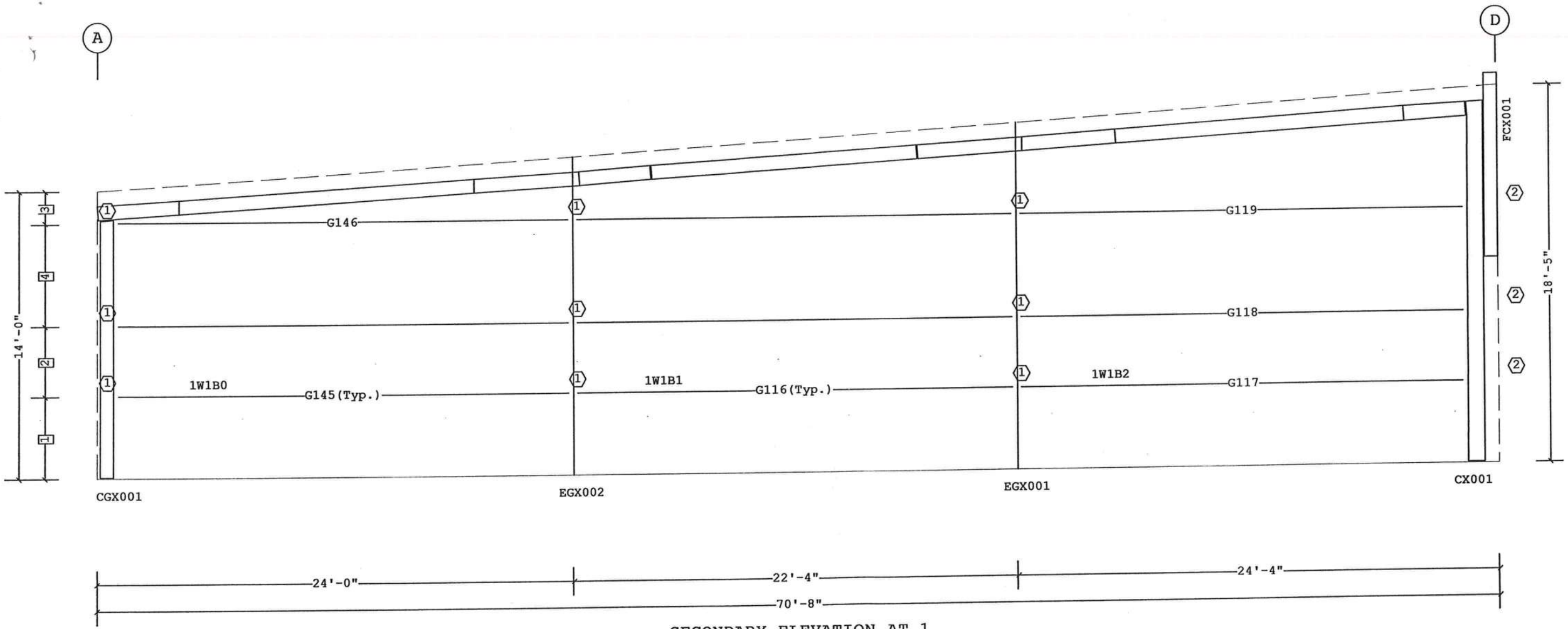
◇Part Mark Key
1 GFA106
2 GFA206

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap
G116	003G2110414	0.0820	8 1/2"	
G117	004G2203613	0.0920	8 1/2"	
G118	005G2203713	0.0920	8 1/2"	
G119	006G2203711	0.1200	8 1/2"	
G145	001G2208113	0.0920	8 1/2"	
G146	002G2208114	0.0820	8 1/2"	



SECONDARY ELEVATION AT 1

4 5'-0"
3 1'-6 3/4"
2 3'-5 1/4"
1 4'-0"
Dimension Key

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.
2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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Shape Name = Dollar General, Wall = 1

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE LIBERTY BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

SECONDARY ELEVATION AT 1

BUILDER Concepts Construction
CUSTOMER Brian Crawford
LOCATION Lake City, Florida
PROJECT Dollar General Opt D
BUILDER'S PO# 29581
FILENAME

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB # 09-558
DATE 1/22/09
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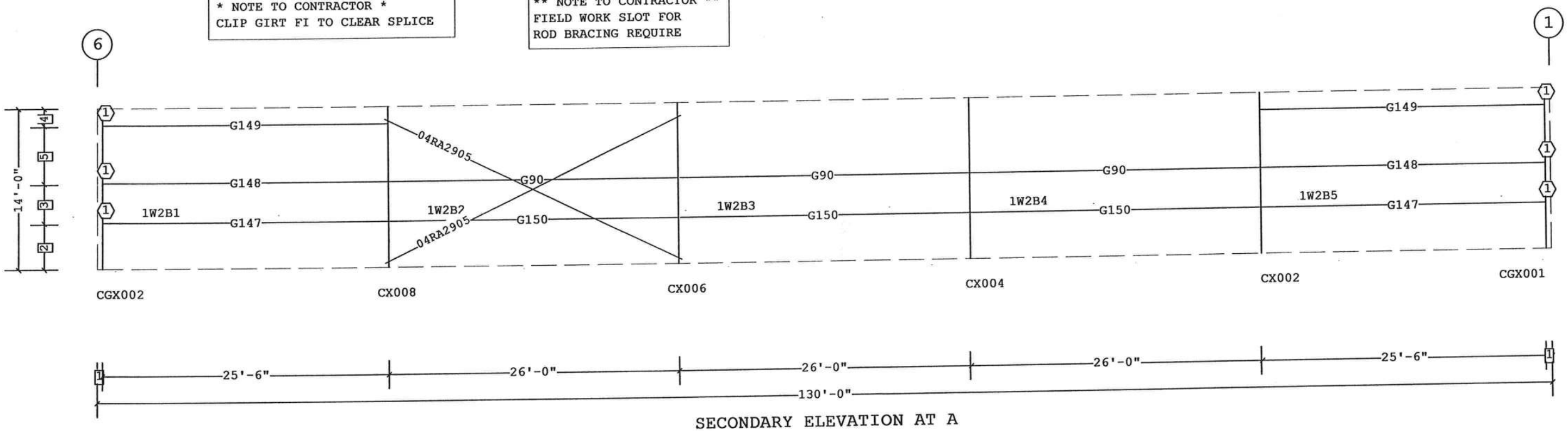
Part Mark Key
1 GFA106

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap
G147	05G2503413	0.0920	8 1/2"	
G148	05G2503412	0.1050	8 1/2"	
G149	007G2503414	0.0820	8 1/2"	
G150	05G2509413	0.0920	8 1/2"	
G90	05G2509411	0.1200	8 1/2"	

* NOTE TO CONTRACTOR *
CLIP GIRT FI TO CLEAR SPLICE

** NOTE TO CONTRACTOR **
FIELD WORK SLOT FOR
ROD BRACING REQUIRE



SECONDARY ELEVATION AT A

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

5 5'-0"
4 1'-6 3/4"
3 3'-5 1/4"
2 4'-0"
1 6"
Dimension Key

FOR CONSTRUCTION

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.
2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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Shape Name = Dollar General, Wall = 2

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE LIBERTY BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

SECONDARY ELEVATION AT A

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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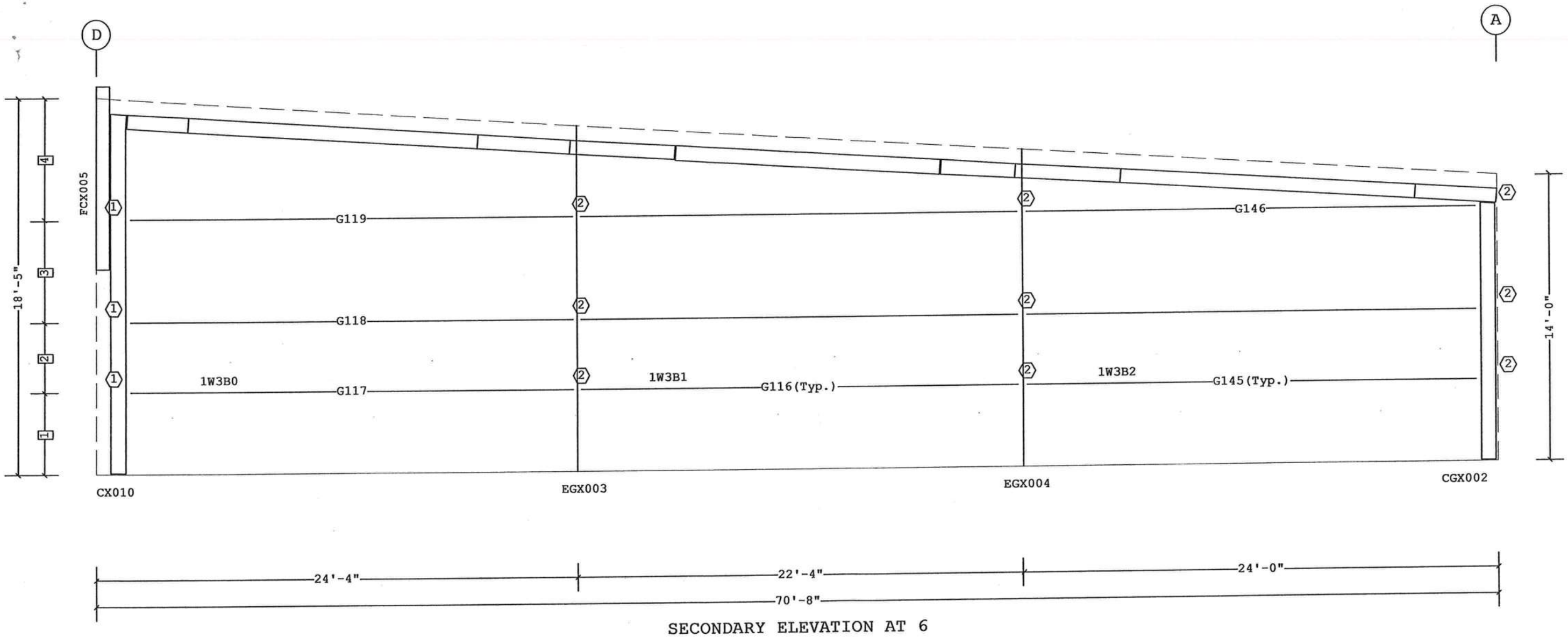
Part Mark Key
1 GFA206
2 GFA106

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap
G116	003G2110414	0.0820	8 1/2"	
G117	004G2203613	0.0920	8 1/2"	
G118	005G2203713	0.0920	8 1/2"	
G119	006G2203711	0.1200	8 1/2"	
G145	001G2208113	0.0920	8 1/2"	
G146	002G2208114	0.0820	8 1/2"	



SECONDARY ELEVATION AT 6

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

4 5'-11 3/4"
3 5'-0"
2 3'-5 1/4"
1 4'-0"
Dimension Key

FOR CONSTRUCTION

Shape Name = Dollar General, Wall = 3

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.
2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

SECONDARY ELEVATION AT 6

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
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Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap
G103	04G2506414	0.0820	8 1/2"	
G21	04G2506417	0.0590	8 1/2"	
G23	04C2511417	0.0590	8 1/2"	
G75	001C2511417	0.0590	8 1/2"	
G83	04G2500417	0.0590	8 1/2"	
G91	04G2500414	0.0820	8 1/2"	

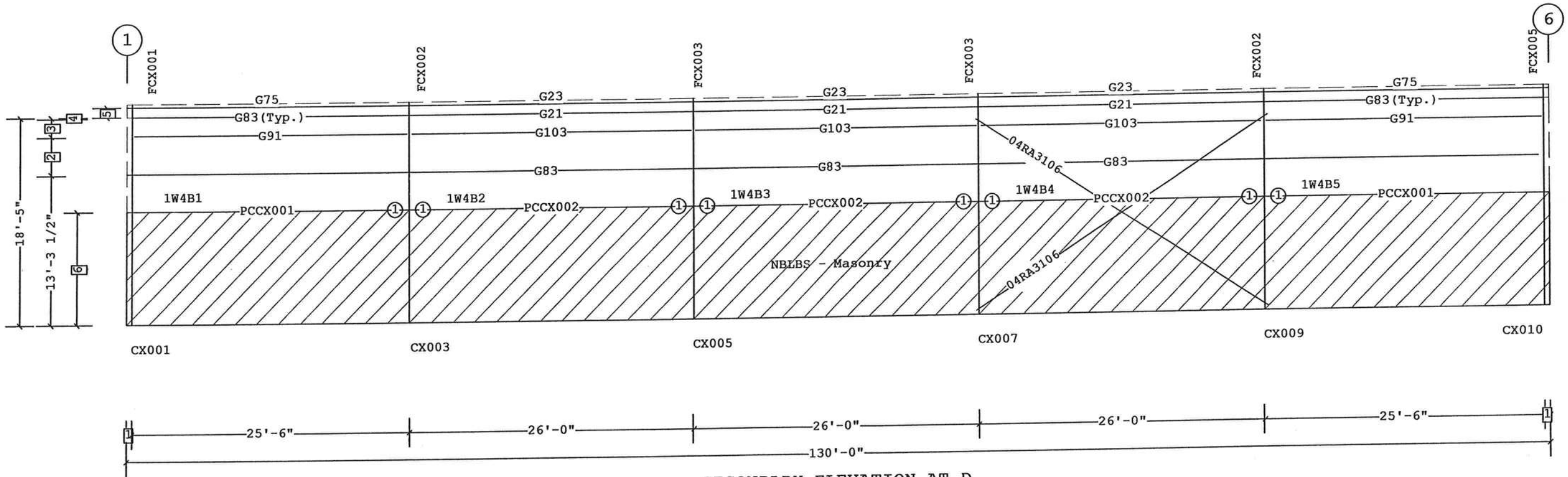
Frame Mempber Schedule

Part	Description	Depth	Approx. Length
PCCX001	CH 8 x 11.50	8"	24'-9 1/2"
PCCX002	CH 8 x 11.50	8"	25'-3 1/2"

◯ Rod and Strut Bolts

Id	Qty	Bolt Diam.	Bolt Length
1	2	3/4"	2"

** NOTE TO CONTRACTOR **
FIELD WORK SLOT FOR
ROD BRACING REQUIRE



SECONDARY ELEVATION AT D

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

6	10'-0 1/4'
5	10 1/2"
4	9/16"
3	1'-8 3/16"
2	3'-4 3/4"
1	6"

☐ Dimension Key

FOR CONSTRUCTION

1. UNLESS NOTED, USE 1/2 X 1 1/2 A-325 SNUG TIGHTENED BOLTS FOR GIRT LAP, GIRT TO FRAME, FLANGE BRACE TO FRAME, FLANGE BRACE TO GIRT, JAMB AND HEADER CONNECTIONS.
2. WIND AND FLANGE BRACING ARE AN INTEGRAL PART OF THE WALL STRUCTURAL SYSTEM AND SHOULD BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS. REMOVAL OR ALTERATION OF WALL BRACING WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

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Shape Name = Dollar General, Wall = 4

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

SECONDARY ELEVATION AT D

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

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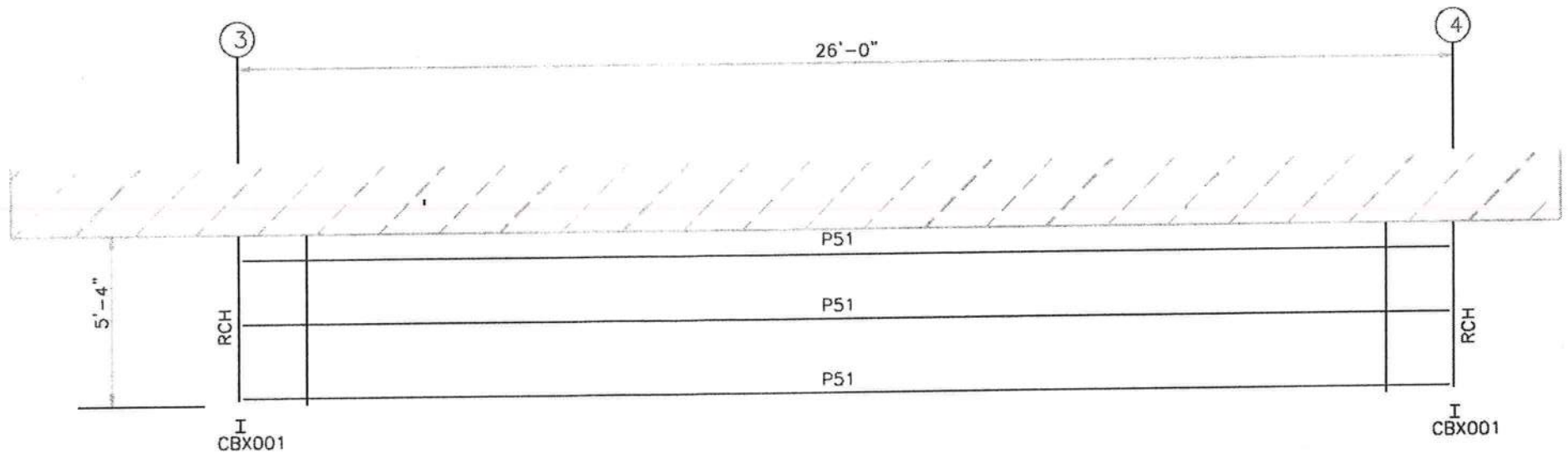
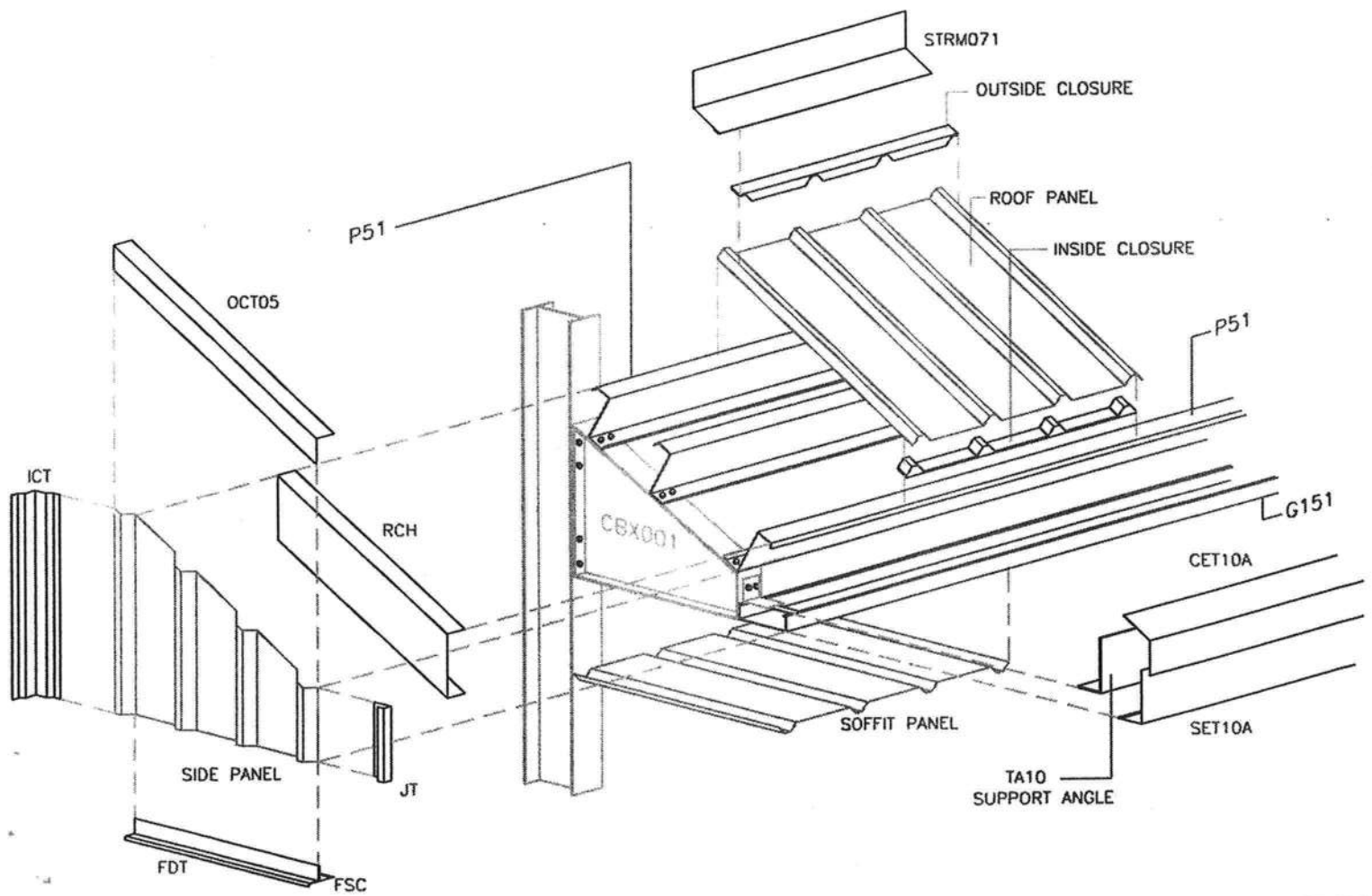
MEMBER TABLE FRAME LINE 1	
MARK	PART
G151	001PGH2607414
P51	001P2607414



SIDEWALL CANOPY FRAMING: FRAME LINE D



David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

SECONDARY ELEVATION AT CANOPY

BUILDER Concepts Construction
CUSTOMER Brion Crawford
LOCATION Lake City, Florida
PROJECT Dollar General Opt D
BUILDER'S PO# 29581

Liberty Building Systems
VERSION: 7.1c

JOB # 09-558
DATE 1/22/09
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Covering Schedule

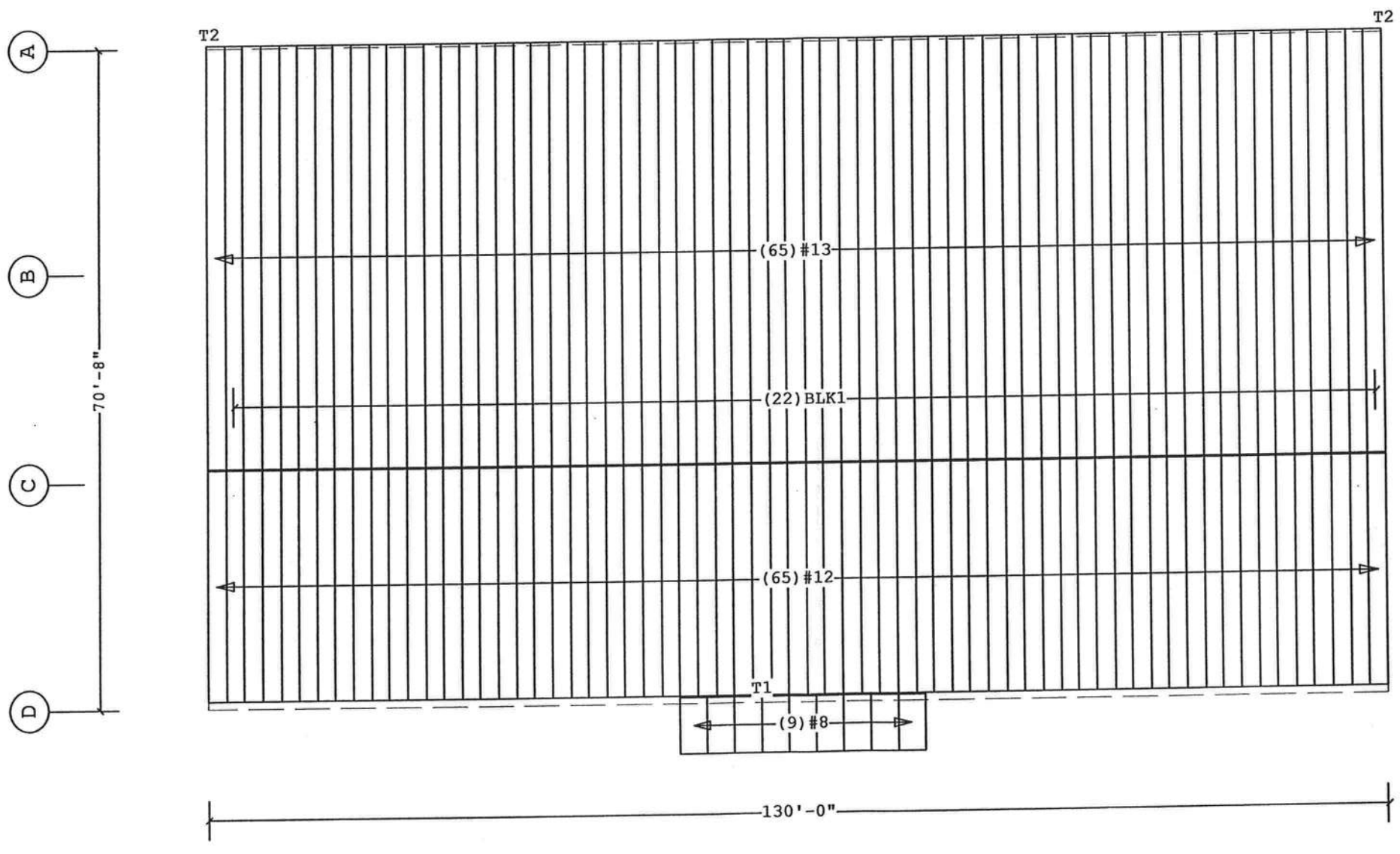
Id	Qty	Length	Type	Gage	OP	Fin.	Color
#12	65	24'-11 3/4"	LL-24	24	2	G	TD
#13	65	45'-7 1/8"	LL-24	24	2	G	TD
#8	9	5'-10 7/8"	LR II	26	1	K	PB

Oper. Code:2=SQ,SQ
Oper. Code:1=SQ,SQ
Finish:G=Galvalume
Finish:K=KXL
Color:TD=Standard Color
Color:PB=Patrician Bronze

Trim Schedule

Id	Parts
T1	(9)STRM071
T2	BS1,PRF1,QGGC1,QMCC1

Color	Details
Match Roof Color	S26
Light Stone	RC38A1



ROOF COVERING PLAN

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing
BLK1	22	IC	73'-0"	73'-0"	6.00	WV

Starter Width= 6'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WV=White Vinyl

- (Field Repair Fastener)
(1 bags) #55308 #17-14x1" S.S. Roof Fastener

☐ Dimension Key

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR ROOF STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE PURLINS, NESTED PURLINS, PURLIN LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS
2. ROOF SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0 MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

Shape Name = Dollar General

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

ROOF COVERING PLAN

BUILDER: Concepts Construction
CUSTOMER: Brian Crawford
LOCATION: Lake City, Florida
PROJECT: Dollar General Opt D
BUILDER'S PO#: 29581

Liberty Building Systems
VERSION: 7.1c

JOB #: 09-558
DATE: 1/22/09
DRAWN/CHECK: AYW SSB
PAGE: 18

Covering Schedule

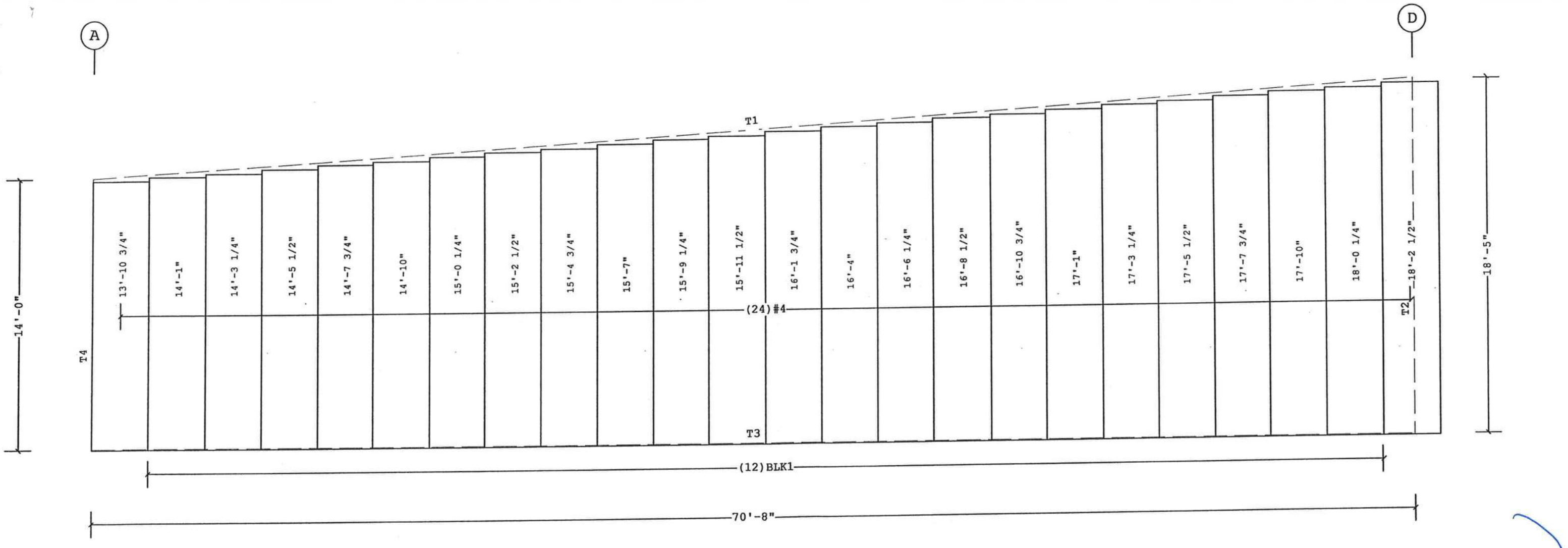
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#4	24	LR II	13'-10 3/4"	26	1	S	LS	2 1/4"	Left to Right

Oper. Code:1=SQ,SQ
Finish:S=SP
Color:LS=Light Stone

Trim Schedule

Id	Parts
T1	(5)RKCF15,(5)STRM05,(5)STRM51
T2	CT20
T3	(3.5)BA1,(8)BT10
T4	CT16

Color	Details
Light Stone	S28
Match Wall Color	WC20A1
Light Stone	EN52A1,RC00A1,WC01A3,WC04A1
Match Wall Color	WC20A1



COVERING ELEVATION AT 1

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	12	IC	15'-6"	19'-6"	3.50	WV	4 1/2"

Starter Width= 6'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WV=White Vinyl
Shape Name = Dollar General, Wall = 1

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS
2. WALL SHEETS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM, REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
3. PANELS SHOWN WITH A LENGTH LESS THAN 1-0, 5-0 FOR SSR, MAY HAVE TO BE FIELD CUT.
4. SEE JOB DETAILS FOR SHEETING AND TRIM FASTENER SPECIFICATION.

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Shape Name = Dollar General, Wall = 1

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

COVERING ELEVATION AT 1

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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Covering Schedule

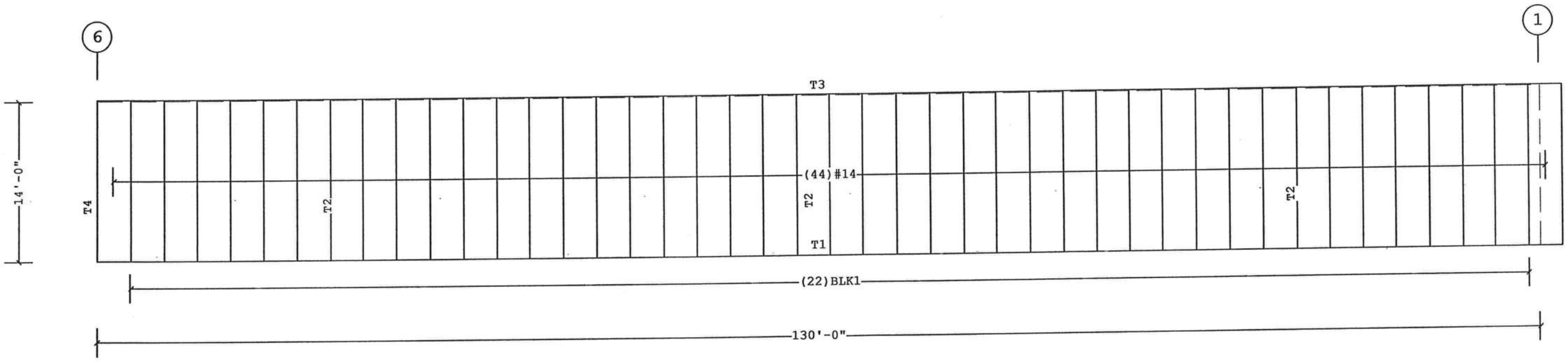
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Direction
#14	44	LR II	14'-0 7/8"	26	1	S	LS	Left to Right

Oper. Code:1=SQ,SQ
Finish:S=SP
Color:LS=Light Stone

Trim Schedule

Id	Parts
T1	(6.5)BA1,(13)BT10
T2	DE1,DN1,(2)DS10,(3)DST1
T3	(9)STRM081,(9)STRM171,(66)STRM21
T4	CT16

Color	Details
Light Stone	EN52A1,RC00A1,WC01A3,WC04A1
Match Wall Color	RC38F1
Light Stone	S19,S27,S30,WC04A1,WC11A1
Match Wall Color	WC20A1



COVERING ELEVATION AT A

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	22	IC	15'-0"	15'-0"	3.50	WV	

Starter Width= 6'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WV=White Vinyl
Shape Name = Dollar General, Wall = 2

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

Shape Name = Dollar General, Wall = 2

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

COVERING ELEVATION AT A

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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Covering Schedule

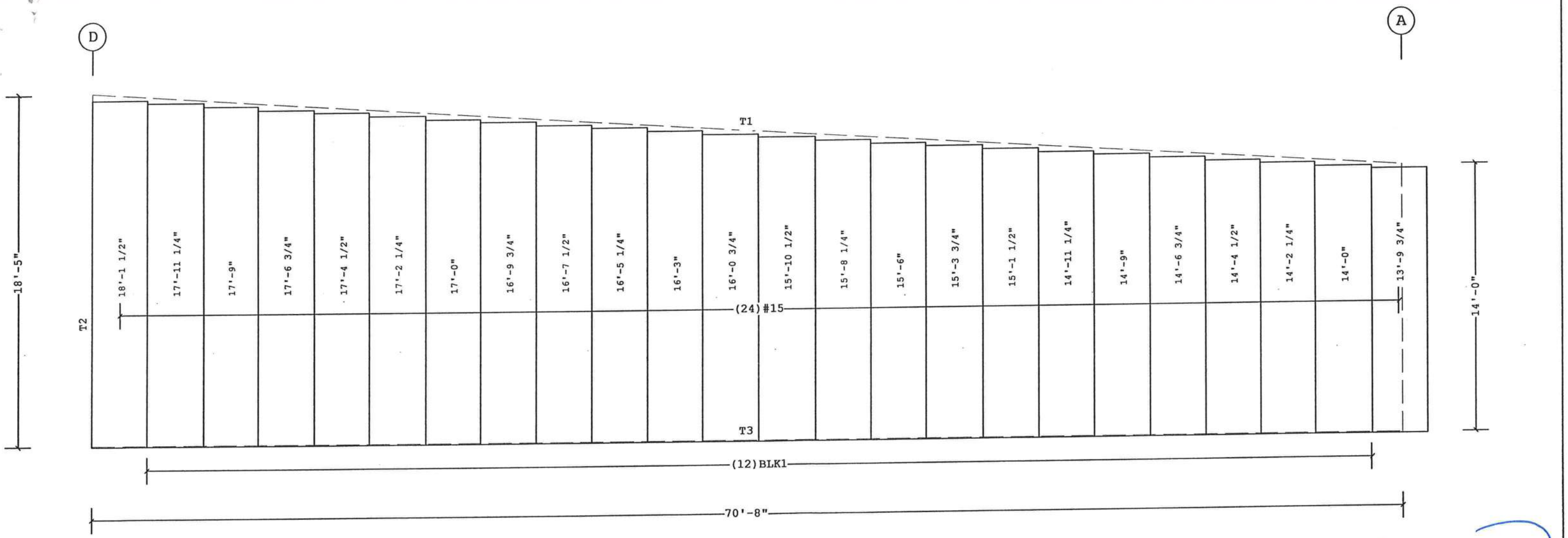
Id	Qty	Type	Start	Length	Gage	OP	Fin.	Color	Increment	Direction
#15	24	LR II	18'-1 1/2"		26	1	S	LS	2 1/4"	Left to Right

Oper. Code:1=SQ,SQ
Finish:S=SP
Color:LS=Light Stone

Trim Schedule

Id	Parts
T1	(5)RKCF15,(5)STRM05,(5)STRM51
T2	CT20
T3	(3.5)BA1,(8)BT10

Color	Details
Light Stone	S28
Match Wall Color	WC20A1
Light Stone	EN52A1,RC00A1,WC01A3,WC04A1



COVERING ELEVATION AT 6

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	12	IC	19'-6"	15'-6"	3.50	WV	4 1/2"

Starter Width= 6'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WV=White Vinyl
Shape Name = Dollar General, Wall = 3

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

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Shape Name = Dollar General, Wall = 3

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

COVERING ELEVATION AT 6

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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Covering Schedule

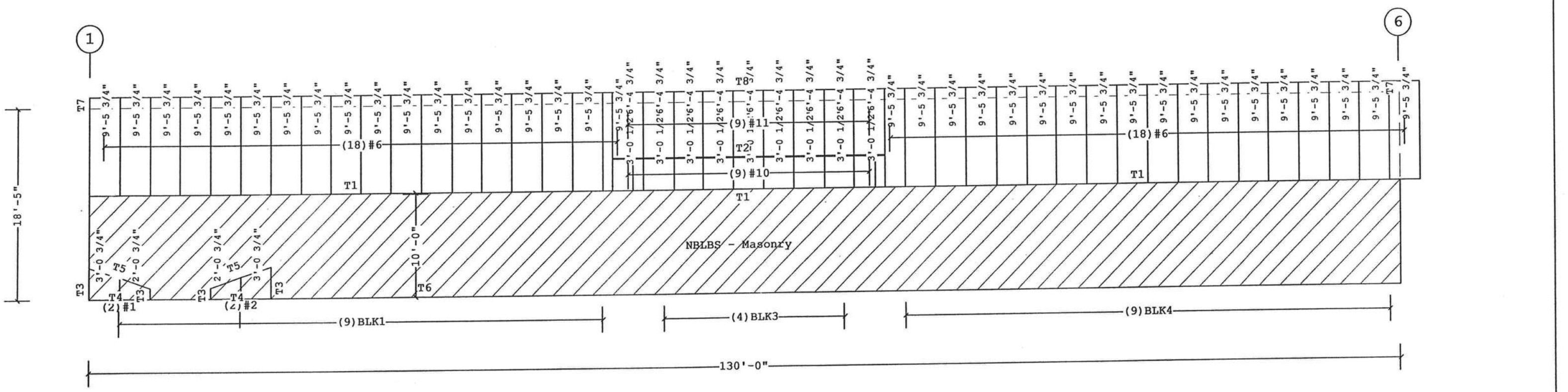
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#6	36	LR II	9'-5 3/4"	26	1	K	PB		Left to Right
#1	2	LR II	3'-0 3/4"	26	D	K	PB	1'-0"	Left to Right
#2	2	LR II	2'-0 3/4"	26	C	K	PB	1'-0"	Left to Right
#10	9	LR II	3'-0 1/2"	26	1	K	PB		Left to Right
#11	9	LR II	6'-4 3/4"	26	1	K	PB		Left to Right

Oper. Code:1=SQ,SQ
Oper. Code:D=SQ,RT
Oper. Code:C=SQ,LF
Finish:K=KXL
Color:PB=Patrician Bronze

Trim Schedule

Id	Parts
T1	(1.7)FDT10
T2	(3)LTA10,(2)TA10,(3)WRF10A
T3	(0.1)JT05
T4	FSC100,(0.1)FDT10
T5	RKC10
T6	(3)CET10A,(3)SET10A,(2)TA10
T7	CTFV8B10
T8	(13)CTFV8B10,(13)FLS80B

Color	Details
Patrician Bronze	
Patrician Bronze	WC54D1
Patrician Bronze	
Patrician Bronze	
Patrician Bronze	
Patrician Bronze	RC03B1,RC33B4
Match Wall Color	
Match Wall Color	FC20A1,FC20A2,FC20A3



COVERING ELEVATION AT D

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	9	IC	9'-6"	9'-6"	3.50	WV	
BLK2	4	IC	4'-6"	4'-6"	3.50	WV	
BLK3	4	IC	6'-6"	6'-6"	3.50	WV	
BLK4	9	IC	9'-6"	9'-6"	3.50	WV	

Starter Width= 6'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WV=White Vinyl
Shape Name = Dollar General, Wall = 4

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS
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Shape Name = Dollar General, Wall = 4

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

COVERING ELEVATION AT D

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581
FILENAME	

Liberty BUILDING SYSTEMS
VERSION: 7.1c

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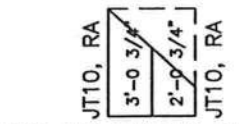
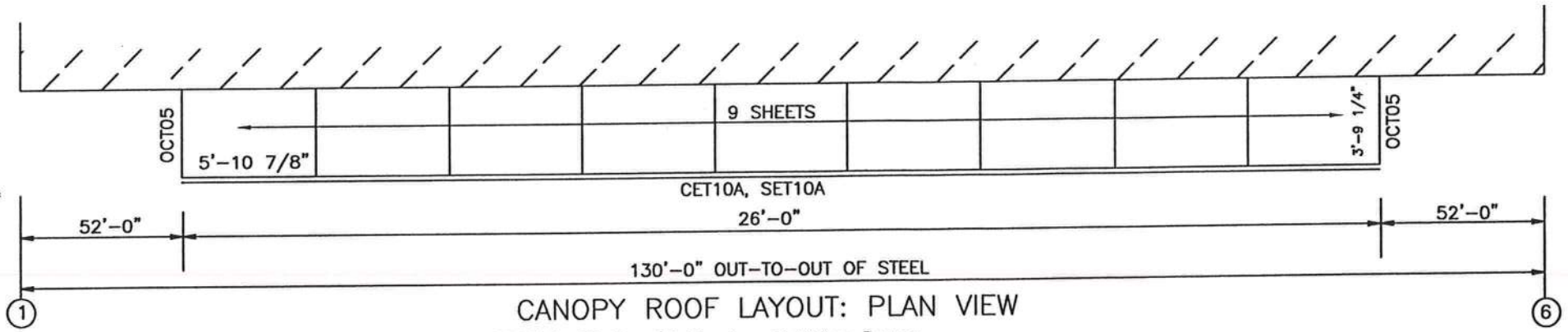
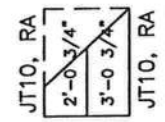


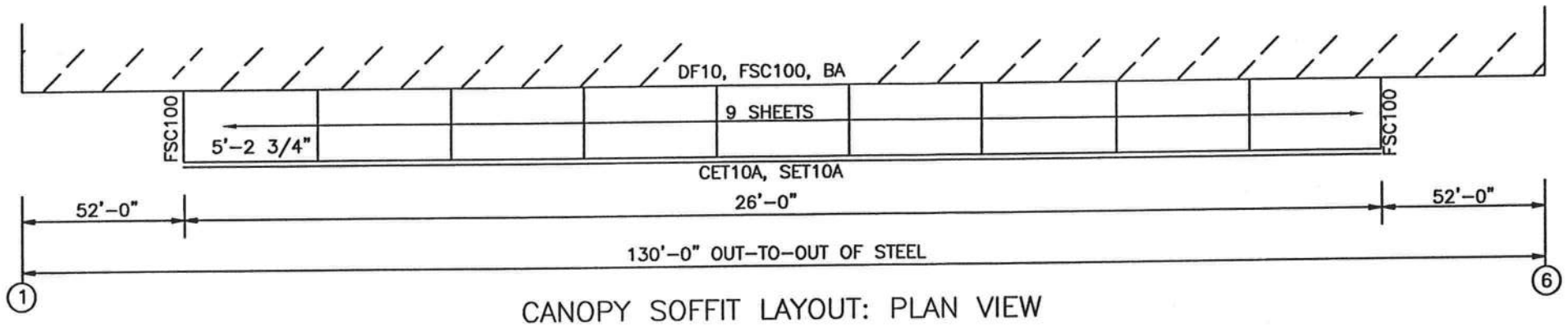
FIELD CUT CANOPY SIDE PANEL
PANEL: 26 Ga. BR Panel
Patricia Bronze



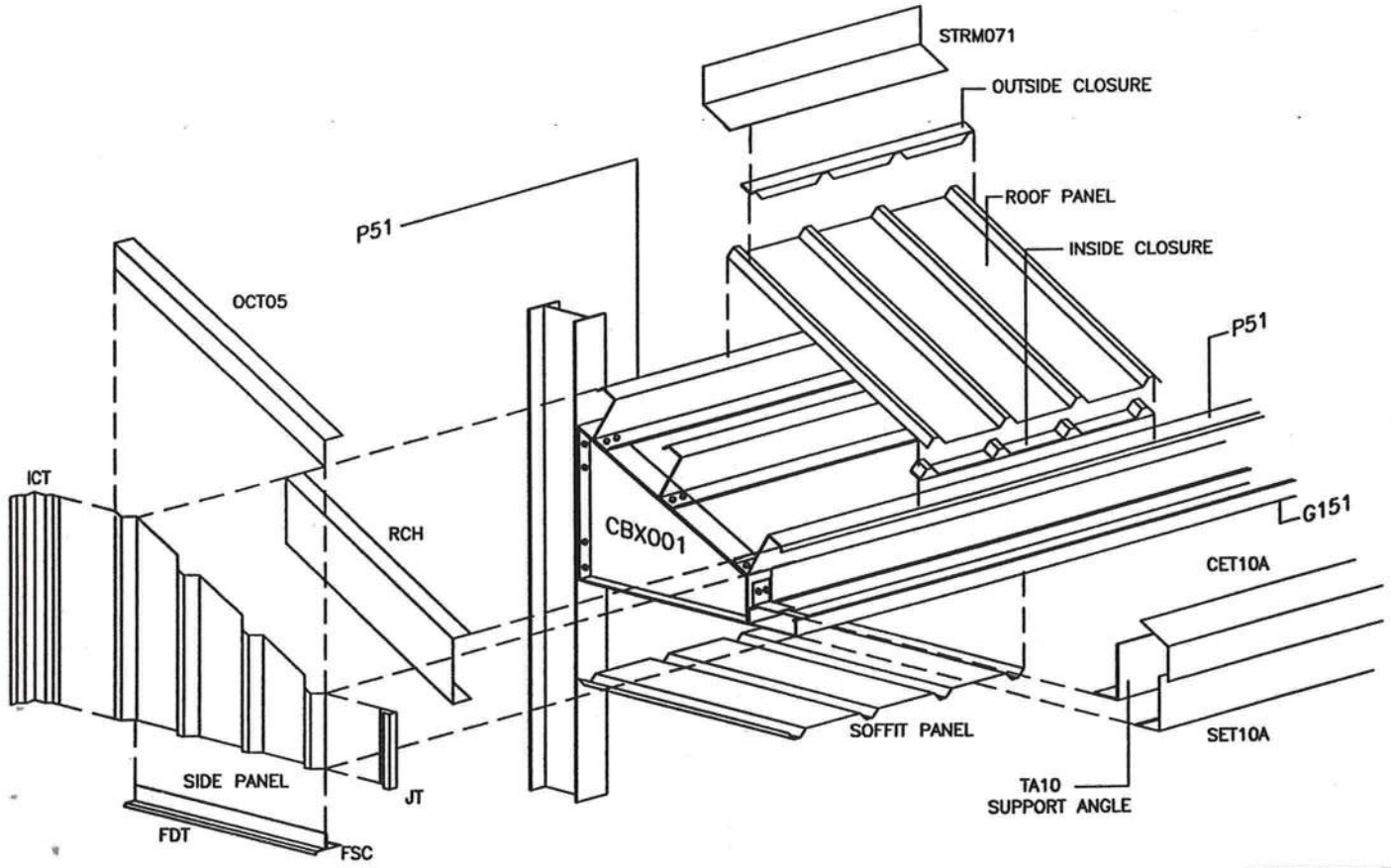
CANOPY ROOF LAYOUT: PLAN VIEW
PANELS: 26 Ga. BR Panel – Patrician Bronze



PANEL: 26 Ga. BR Panel – Patrician Bronze



CANOPY SOFFIT LAYOUT: PLAN VIEW
PANELS: 26 Ga. BR Panel – Polar White



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JAN 26 2009

FOR CONSTRUCTION

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

COVERING ELEVATION AT CANOPY

BUILDER	Concepts Construction
CUSTOMER	Brion Crowford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-358
DATE	1/22/09
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Wall Liner Schedule

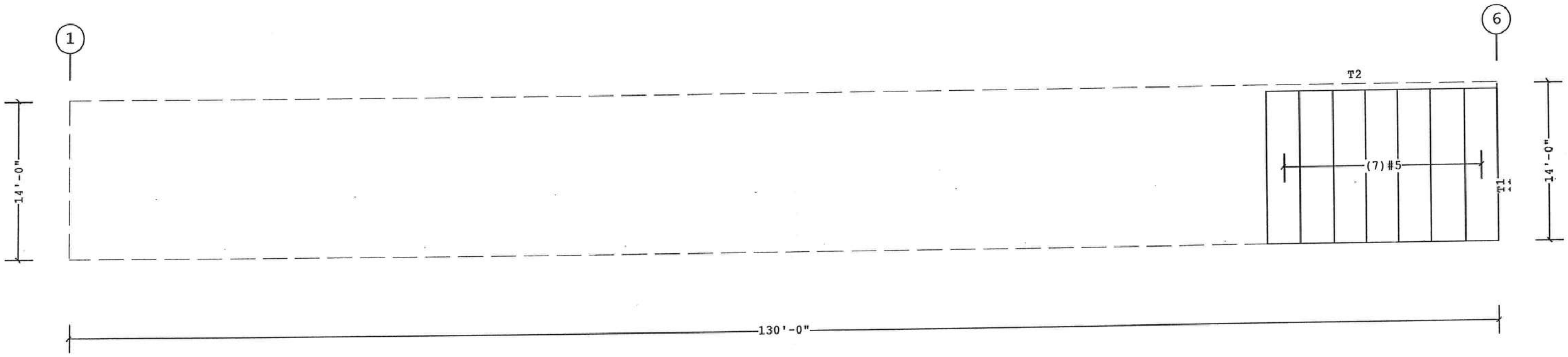
Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction
#5	7	LR II	13'-6"	26	1	S	PL	Left to Right

Oper. Code:1=SQ,SQ
Finish:S=SP
Color:PL=Polar White

Trim Schedule

Id	Parts
T1	(3)JT10
T2	(3)NLTA10,(2)TA11

Color	Details
Match Wall Color	WC61A8,WC61A9
Match Wall Color	WC61A2



WALL LINER ELEVATION AT A
(View from inside Building)

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR WALL STRUCTURAL FASTENERS MAY BE REQUIRED AT 11 GAGE GIRTS, NESTED GIRTS, GIRT LAP LOCATIONS, AND/OR SECONDARY STRUCTURAL BEAMS
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Shape Name = Dollar General, Wall = 2

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

WALL LINER ELEVATION AT A

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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PAGE	24

Wall Liner Schedule

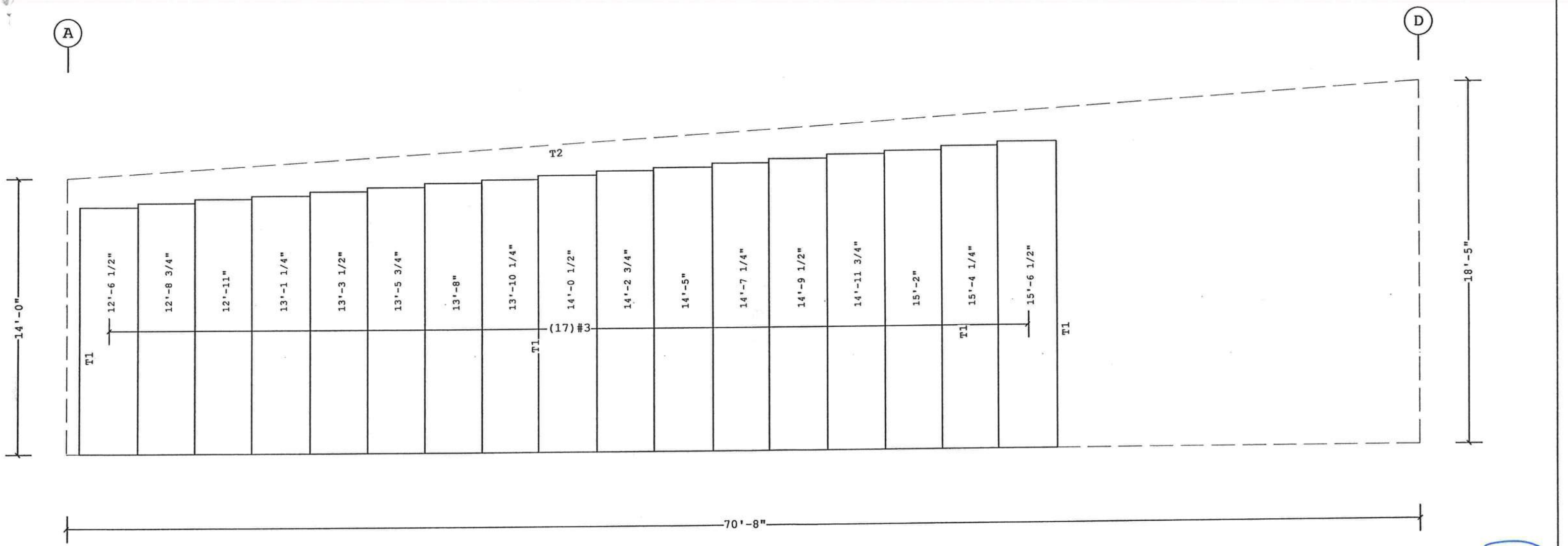
Id	Qty	Type	Length	Gage	OP	Finish	Color	Increment	Direction
#3	17	LR II	12'-6 1/2"	26	1	S	PL	2 1/4"	Left to Right

Oper. Code:1=SQ,SQ
Finish:S=SP
Color:PL=Polar White

Trim Schedule

Id	Parts
T1	(7)JT10
T2	(5)NLTA10,NLTA05,(3)TA10

Color	Details
Match Wall Color	WC61A8,WC61A9
Match Wall Color	WC61A4



WALL LINER ELEVATION AT 6
(View from inside Building)

David Ryan Hill
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3200 Players Club Circle
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JAN 2 6 2009

FOR CONSTRUCTION

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Shape Name = Dollar General, Wall = 3

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

WALL LINER ELEVATION AT 6

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS
VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
DRAWN/CHECK	AYW SSB
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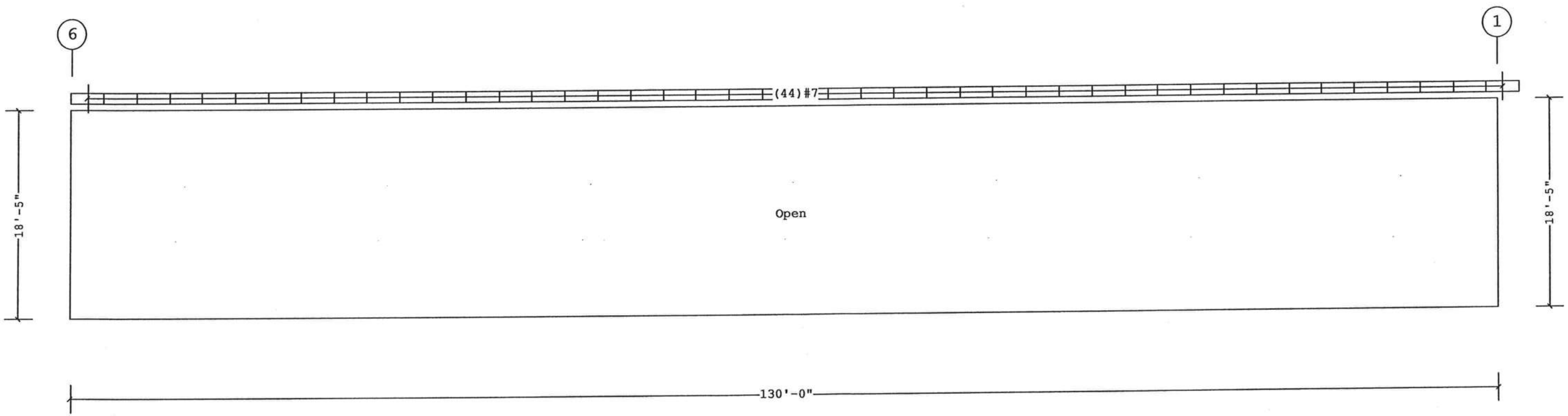
Wall Liner Schedule

Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction
#7	44	LR II	1'-0"	26	1	G	TD	Left to Right

Oper. Code:1=SQ,SQ
Finish:G=Galvalume
Color:TD=Standard Color



WALL LINER ELEVATION AT D
(View from inside Building)

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

Shape Name = Dollar General, Wall = 4

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

WALL LINER ELEVATION AT D

BUILDER: Concepts Construction
CUSTOMER: Brian Crawford
LOCATION: Lake City, Florida
PROJECT: Dollar General Opt D
BUILDER'S PO#: 29581
FILENAME:

Liberty BUILDING SYSTEMS
VERSION 7.1c

JOB # 09-558
DATE 1/22/09
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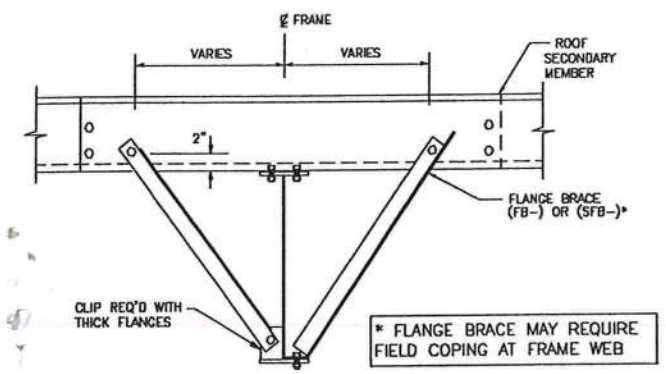
PAGE 26

11 1/2" PURLINS REQUIRE 3 BOLTS AT EACH END OF PURLIN LAP.



* FLANGE BRACE MAY REQUIRE FIELD COPING AT FRAME WEB

FLANGE BRACE REQUIREMENTS:

RULE#1- ALL FLANGE BRACES ON CROSS SECTIONS MUST BE INSTALLED.
RULE#2- SINGLE FLANGE BRACES ARE REQUIRED WHEN PART MARK ON CROSS SECTION IS NOT ACCOMPANIED BY (2).
RULE#3- FLANGE BRACES ARE REQUIRED BOTH SIDES OF THE FRAME WEB WHEN PART MARK IS ACCOMPANIED BY (2).
RULE#4- WHENEVER POSSIBLE, PLACE SINGLE BRACES TOWARD THE CENTER OF THE BUILDING.
RULE#5- WHENEVER POSSIBLE, PLACE ALL SINGLE BRACES ON THE SAME SIDE OF THE FRAME WEB.

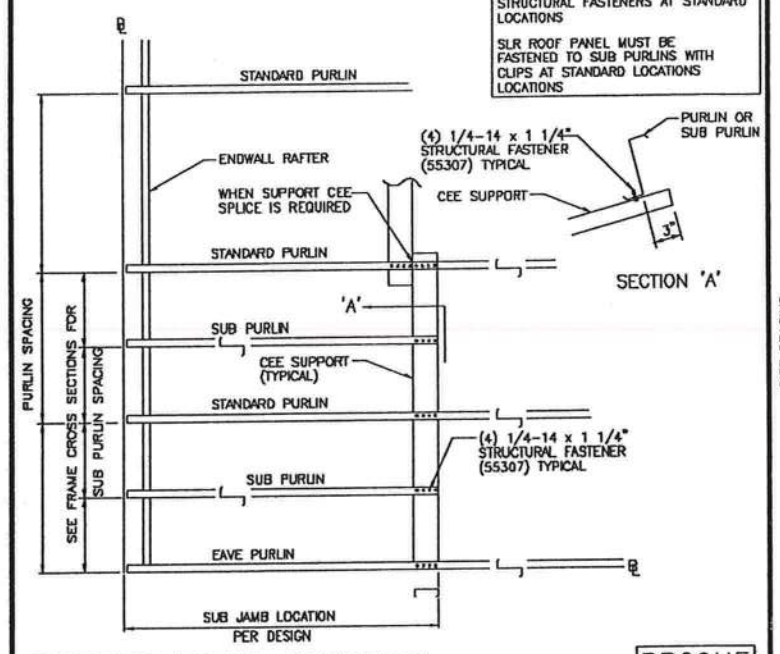
TYPICAL FLANGE BRACE CONNECTIONS — BR06BD

CONTINUOUS PURLIN LAP SHOWN, CONTINOUS GIRT AND SIMPLE PURLIN AND GIRT SIMILAR.

BR06BDV7 R 11/10/2005

LIBERTY RIB II ROOF PANEL MUST BE FASTENED TO SUB PURLINS WITH STRUCTURAL FASTENERS AT STANDARD LOCATIONS

SLR ROOF PANEL MUST BE FASTENED TO SUB PURLINS WITH CLIPS AT STANDARD LOCATIONS LOCATIONS

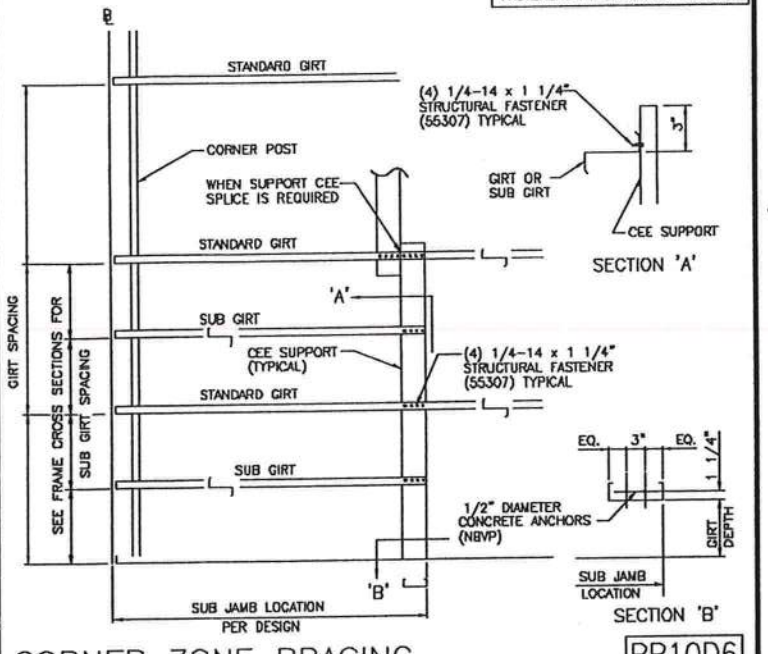


CORNER ZONE BRACING — BR09HF

ROOF PLAN VIEW (CEE SUPPORT)

BR09HFV1 06/07/2006

WALL PANEL MUST BE FASTENED TO SUB GIRTS WITH STRUCTURAL FASTENERS AT STANDARD LOCATIONS

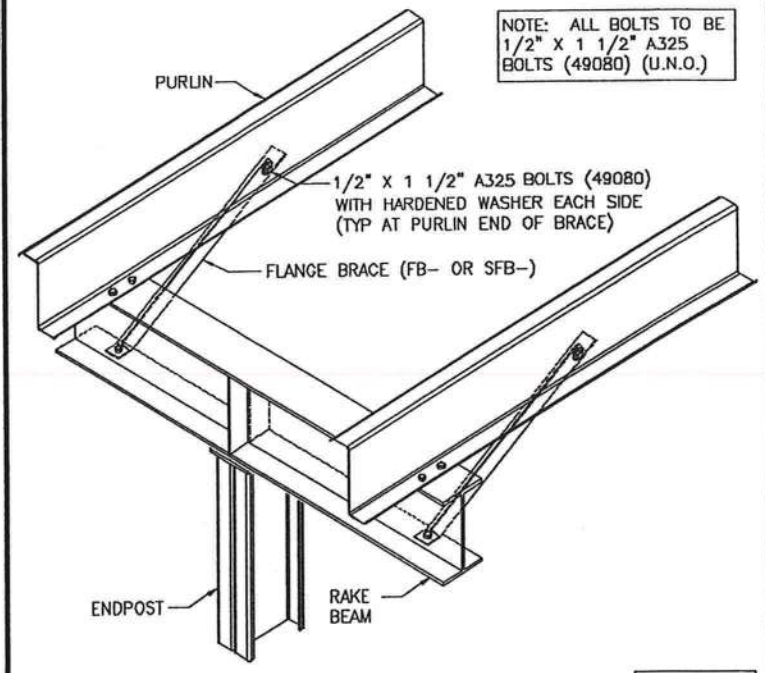


CORNER ZONE BRACING — BR10D6

WALL PLAN VIEW (CEE SUPPORT)

BR10D6V1 06/07/2006

NOTE: ALL BOLTS TO BE 1/2" X 1 1/2" A325 BOLTS (49080) (U.N.O.)

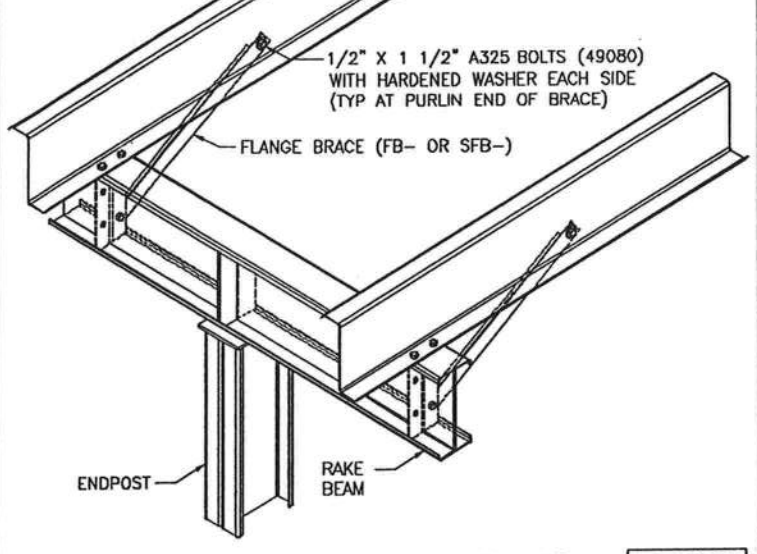


ENDPOST TOP BETWEEN PURLINS — BR25C7

NO CAP CHANNEL - BRACED TO PURLINS ONLY

BR25C7 8/23/2006

NOTE: ALL BOLTS TO BE 1/2" X 1 1/2" A325 BOLTS (49080) (U.N.O.)

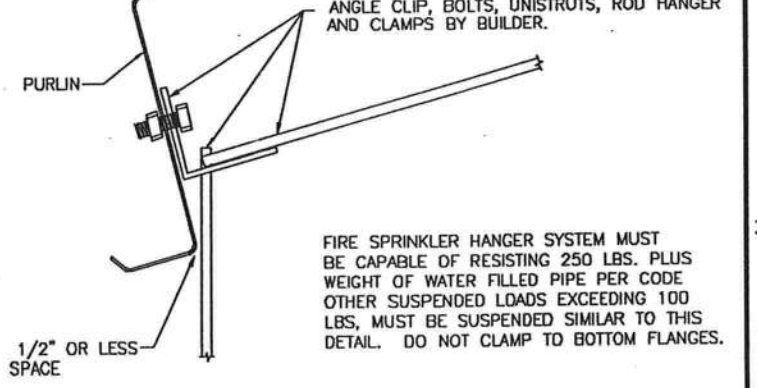


ENDPOST TOP BETWEEN PURLINS — BR25C9

NO CAP CHANNEL - BRACED TO PURLINS ONLY

BR25C9 8/23/2006

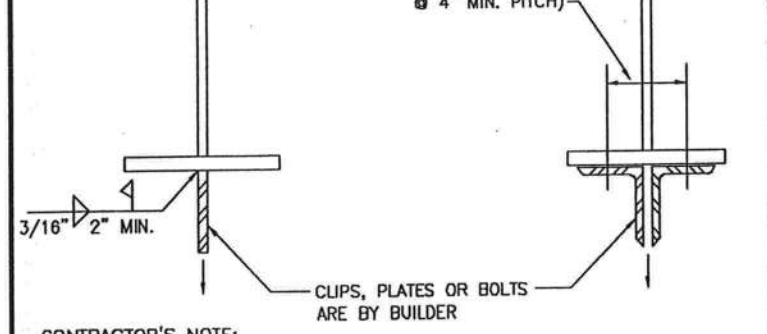
SELF DRILLING FASTENER OR BOLT AT CENTERLINE OF PURLIN OR HIGHER. FIELD DRILL HOLES.



CONTRACTOR'S NOTE: ANY LOADS OVER 400 LBS. APPLIED TO MANUFACTURER'S MEMBERS SUCH AS HVAC, LIGHTING, DUCTING, PIPE SUPPORTS ETC. MUST BE LATERALLY BRACED TO THE MAIN BUILDING'S LATERAL LOAD RESISTING ELEMENTS (PURLIN BRACING STRUTS OR PRIMARY FRAMES) AS REQUIRED BY CODE FOR SEISMIC LOADS. BRACING MUST BE PROVIDED AND INSTALLED BY CONTRACTOR AND MUST RESIST LATERAL LOADS EQUAL TO THE WEIGHT OF THE SUSPENDED UNIT OR AS REQUIRED BY CODE, WHICHEVER IS LESS.

SUSPENDED LOADS FROM PURLINS - 100 LB. LOADS OR GREATER — EN10A1

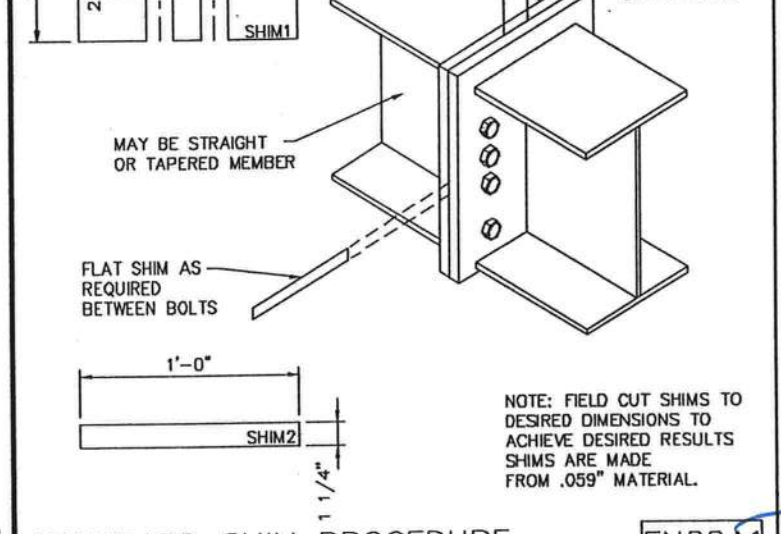
EN10A1V4 R 08/11/2008



CONTRACTOR'S NOTE:
FIELD DRILL OR FIELD WELD SUSPENSION ANGLES OR PLATES.
ALLOWABLE LOAD = 1 KIP PER PAIR OF BOLTS
= 1.4 KIPS PER INCH OF WELD WITHOUT INSPECTION
= 2.8 KIPS PER INCH OF WELD WITH INSPECTION
ADD PAIRS OF BOLTS OR INCHES OF WELD TO RESIST DESIRED CONCENTRATED LOAD. LOADS LESS THAN 500 LBS MAY BE SUSPENDED USING CLAMPS. (1 1/2" FROM EDGE OF FLANGE).
CONCENTRATED LOADS SHALL NOT EXCEED USER DEFINED COLLATERAL LOADING INDICATED ON THE PURCHASE ORDER AND IN MFG'S. CALCULATIONS.

SUSPENDED LOADS FROM STRUCTURAL BEAMS — EN10A2

EN10A2V2 R 08/11/2008



NOTE: FIELD CUT SHIMS TO DESIRED DIMENSIONS TO ACHIEVE DESIRED RESULTS SHIMS ARE MADE FROM .059" MATERIAL.

STANDARD SHIM PROCEDURE — EN20A1

TYPICAL AT ANY BOLTED CONNECTION

EN20A1V2 R 06/31/98

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDING SED'S

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS

VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
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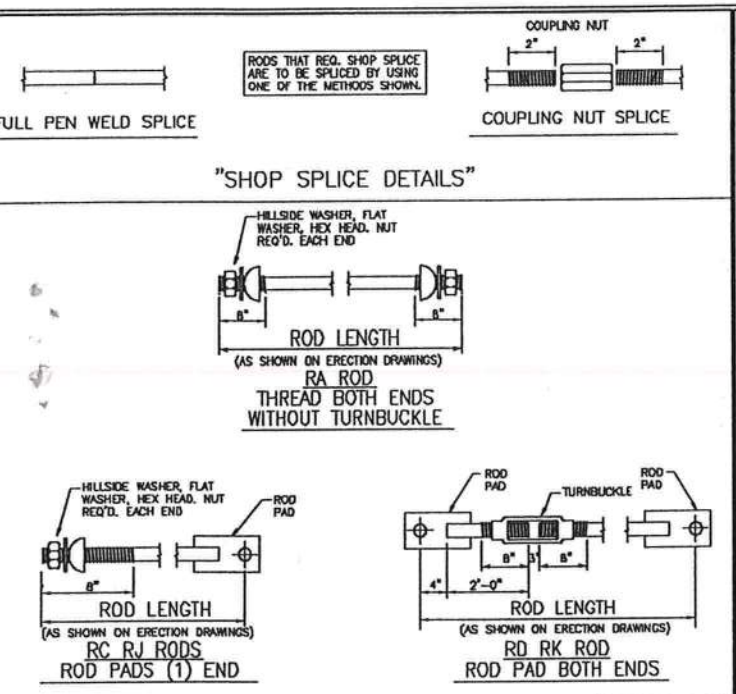
PAGE	27



ROD BRACE ASSEMBLY DRAWING — EN30A1

EN30A1V6 R 05/15/2006

F = FEET G = GAGE
I = INCHES O = OPERATION
E = EIGHTHS C = FIN/COLOR

PANEL/COVERING
W I 3 1 1 7 2 6 1 K T D
* F F I I E G G O C C C
LENGTH CODE

INSULATION
I B 1 3 0 1 0 3 6 0 3 0 W V
* * F F F I I I I I E C C
LENGTH WIDTH THK CODE

SECONDARY (STANDARD)
O 1 G 1 9 1 1 4 1 7
* * * F F I I E G G
LENGTH CODE

SECONDARY (SPECIAL)
O O 1 G 1 9 1 1 4 1 7
* * * * F F I I E G G
LENGTH CODE

ROD BRACING
O 3 R A 2 5 1 O
I E * * F F I I
DIA LENGTH

CX*** = COLUMN (PLATE)
CGX*** = COLUMN (GAGE)
WCX*** = COLUMN (HOTROLL)

RBX*** = RAFTER (PLATE)
BGX*** = RAFTER (GAGE)
WRX*** = RAFTER (HOTROLL)
TRX*** = TRUSS RAFTER

ICX*** = INTERIOR COLUMN
PCX*** = PIPE COLUMN
TCX*** = TUBE COLUMN

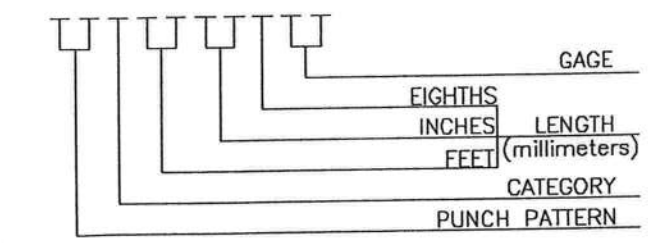
EPX*** = ENDPOST (PLATE)
EGX*** = ENDPOST (GAGE)

CBX*** = CANOPY (PLATE)
DCCBX*** = CANOPY (GAGE)
CBX*** = PIGGYBACK CANOPY

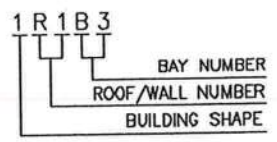
MARK NUMBER KEY — EN50A1

COMMON GENERATED MARK NUMBERS

EN50A1V5 R 11/04/2005



01=SIMPLE INTERIOR
02=SIMPLE 1' END BAY
03=SIMPLE 6' END BAY
04=END HOLE ONLY
05=INSET NOTCH
06=NO HOLES



THE BAY/BUNDLE CODE IDENTIFIES THE BUILDING ROOF/WALL PLANE AND BAY

LAP	6' END BAY	1' END BAY	INTERIOR BAY	MEMBER DEPTHS
1'-0"	20	30	40	6 1/2", 8 1/2"
1'-6"	21	31	41	6 1/2", 8 1/2"
2'-0"	22	32	42	6 1/2", 8 1/2", 11 1/2"
3'-0"	24	34	44	6 1/2", 8 1/2", 11 1/2"
4'-0"	26	36	46	6 1/2", 8 1/2", 11 1/2"

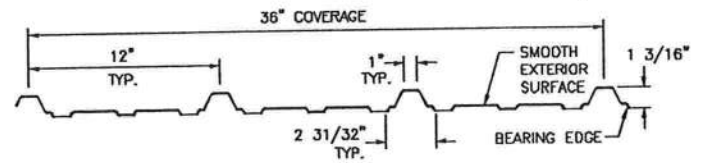
SECONDARY PUNCH PATTERNS — EN51A1

COMMON GENERATED MARK NUMBERS

EN51A1V2 R 03/16/2005

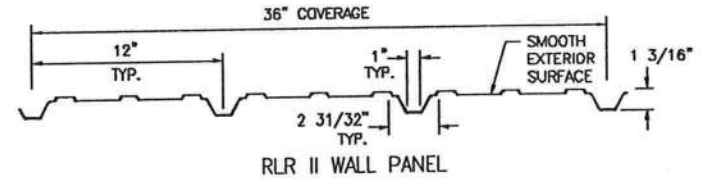
LR II WALL PANEL MARK NO.: W F F I I E G G O C C C
LENGTH CODE
LR II ROOF PANEL MARK NO.: R F F I I E G G O C C C
LENGTH CODE
LR II RIDGE PANEL MARK NO.: P F F I I E G G O C C C
LENGTH CODE

F = FEET
I = INCHES
E = EIGHTHS
G = GAGE
O = OPERATION
C = FIN/COLOR



LIBERTY RIB II ROOF AND WALL PANEL (LR II)

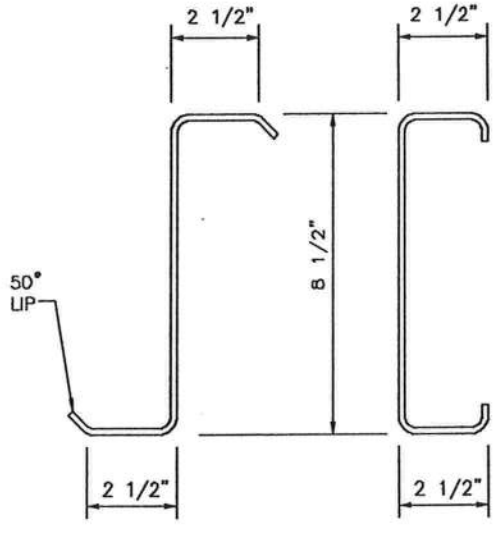
RLR II WALL PANEL MARK NO.: R R F F I I E G G O C C C
LENGTH CODE



RLR II WALL PANEL

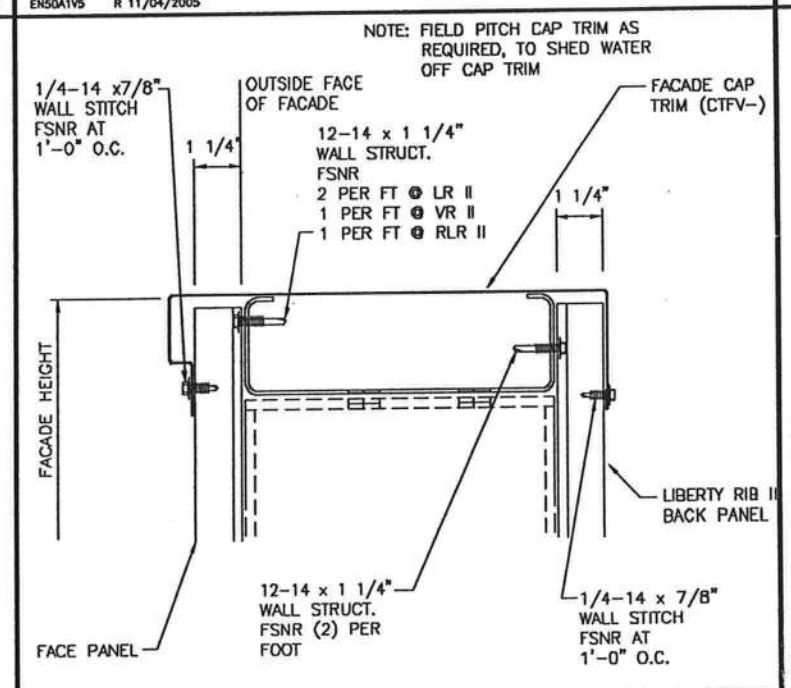
LR II ROOF & LR II/RLR II WALL PANELS — EN52A1

EN52A1V3 R 05/31/2005



8 1/2 GIRTS / PURLINS — EN53A1

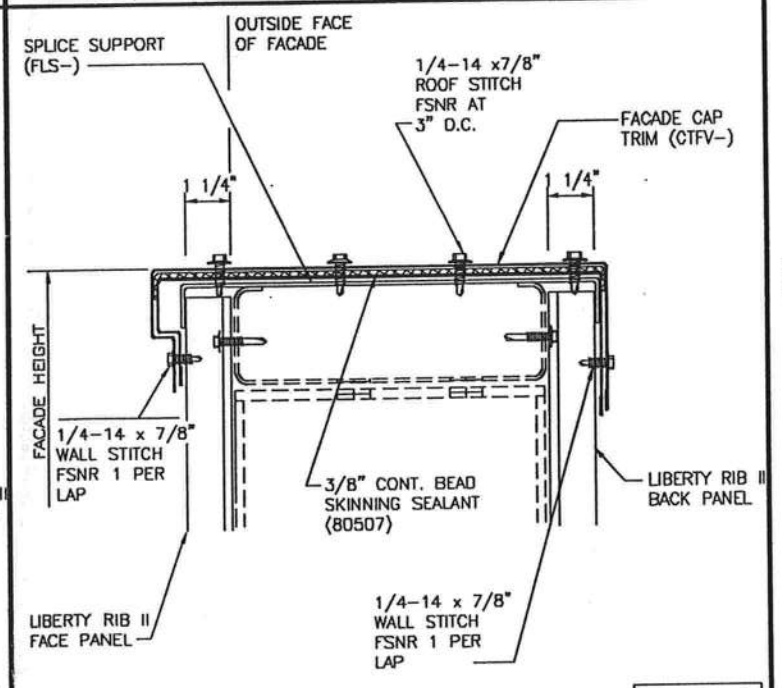
EN53A1V1 09/01/2001



VERTICAL FACADE TOP TRIM — FC20A1

LR II, VR II OR RLR II FACE (6 1/2" OR 8 1/2" FRMG)

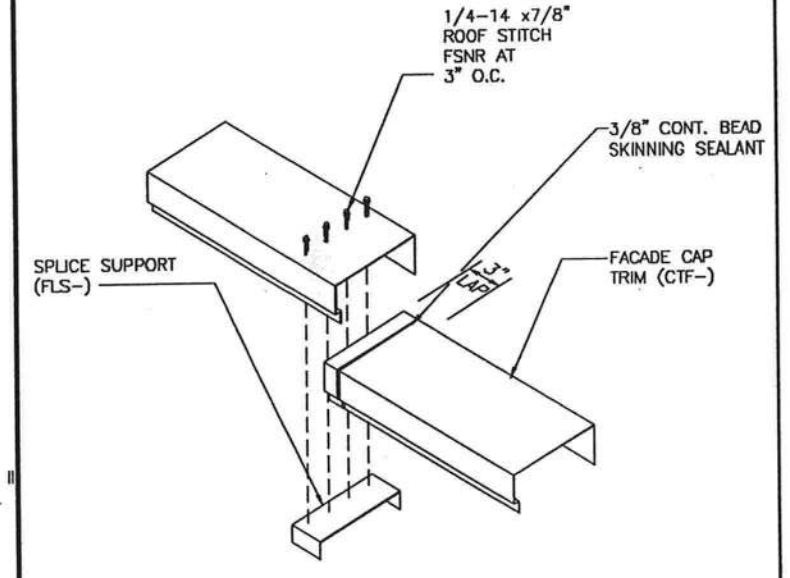
FC20A1V3 R 05/31/2005



VERTICAL FACADE TOP TRIM — FC20A2

TRIM SPLICE (6 1/2" OR 8 1/2" STRUCT. FRAMING)

FC20A2V1 04/01/2000



FACADE TOP TRIM — FC20A3

TRIM SPLICE (6 1/2" OR 8 1/2" STRUCT. FRAMING)

FC20A3V2 R 07/01/2000

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3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDING SED'S

BUILDER Concepts Construction
CUSTOMER Brian Crawford
LOCATION Lake City, Florida
PROJECT Dollar General Opt D
BUILDER'S PO# 29581

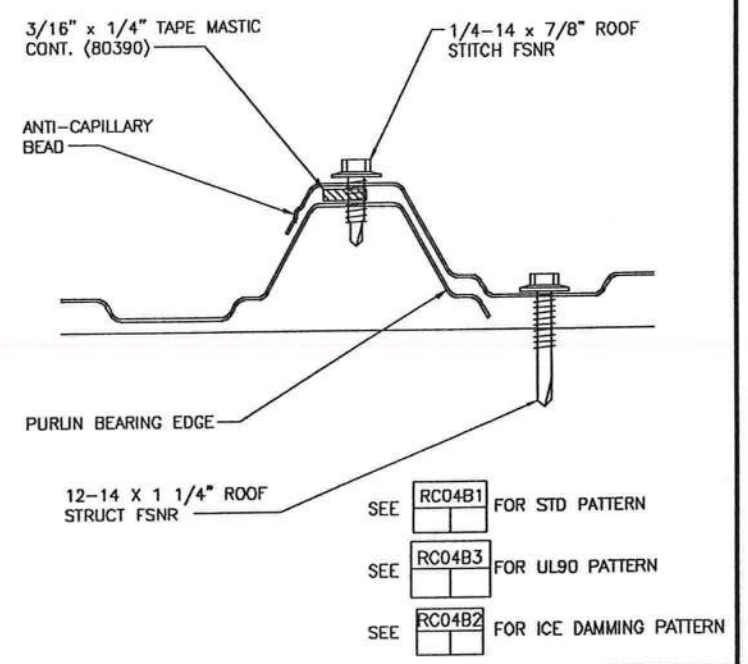
Liberty BUILDING SYSTEMS
VERSION 7.1c

JOB # 09-558
DATE 1/22/09
DRAWN/CHECK AYW SSB
PAGE 28

1. STANDARD ERECTION DETAILS (SED) SUPERSEDE SIMILAR DETAILS FOUND IN THE ERECTION GUIDES. REFER TO THE ERECTION GUIDES FOR OTHER DETAILS, INSTALLATION PROCEDURES AND ACCESSORIES NOT DESCRIBED IN THE SED'S.
2. ALL PANEL AND TRIM SURFACES MUST BE FREE OF DIRT AND OIL AT MASTIC AND SEALANT LOCATIONS.

NOTES — RC00A1

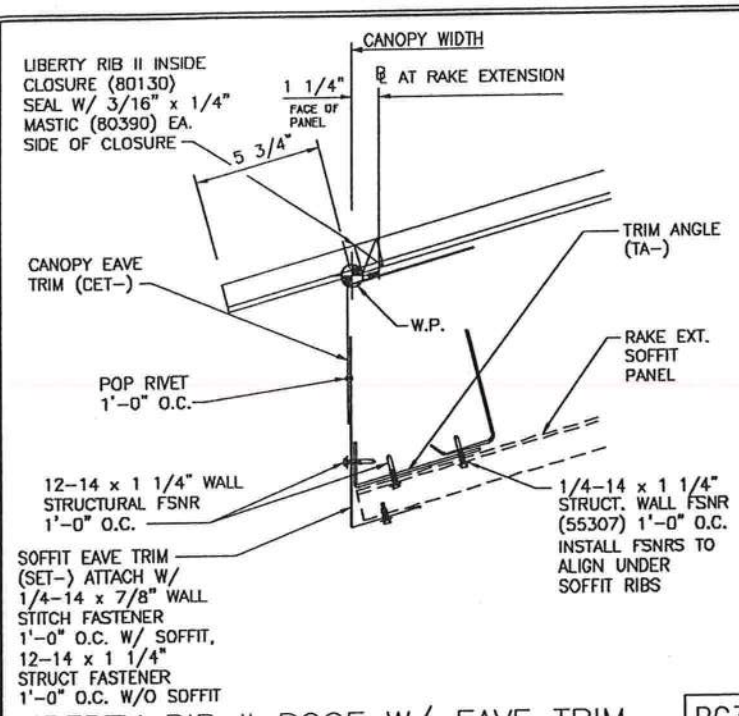
RC00A1V1 4/19/2005



LIBERTY RIB II ROOF — RC03B1

PANEL SIDELAP

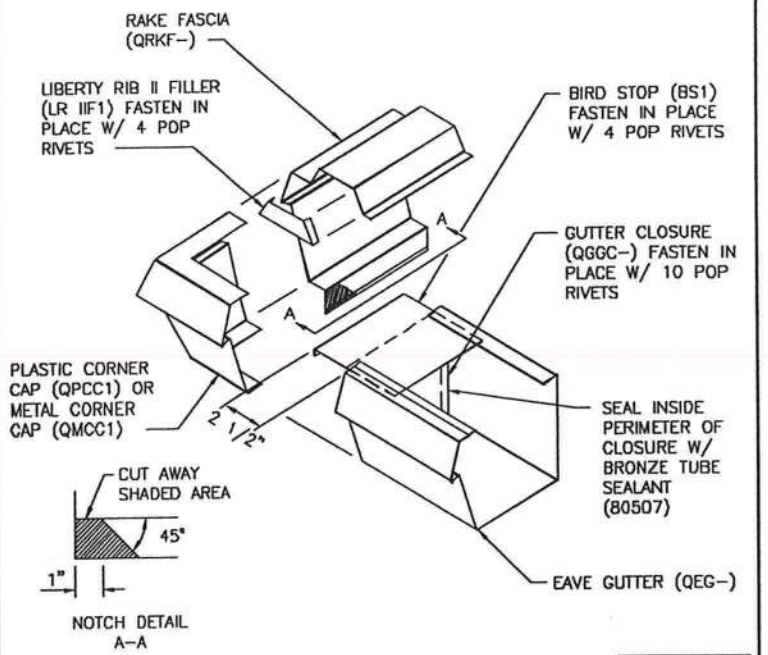
RC03B1V7 R 09/22/2005



LIBERTY RIB II ROOF W/ EAVE TRIM — RC33

PART. LR II-VR II-RLR II WALL AT RAKE EXT. OR CANOPY

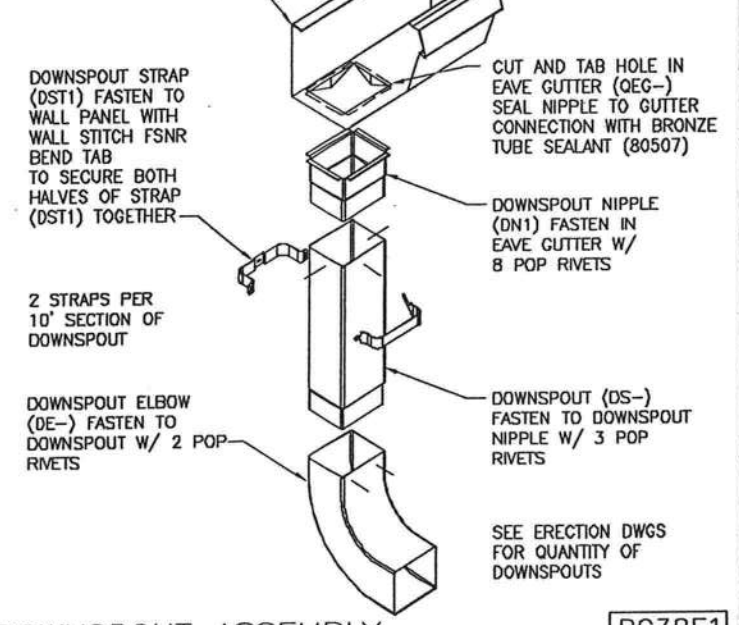
RC33B4V7 R 06/12/2007



EAVE GUTTER CORNER ASSEMBLY — RC38A1

ALL SYSTEMS

RC38A1V4 R 11/15/2004

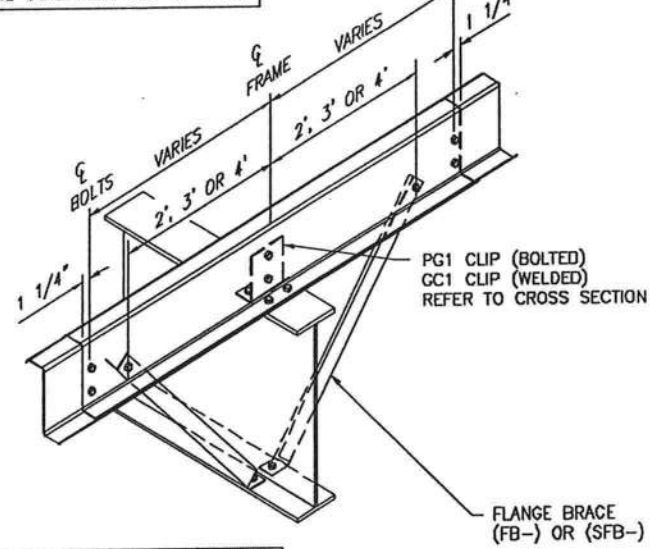


DOWNSPOUT ASSEMBLY — RC38F1

ALL SYSTEMS

RC38F1V4 R 03/05/2004

NOTE: LAP BOLTS MUST BE INSTALLED IN THE OUTERMOST SET OF HOLES



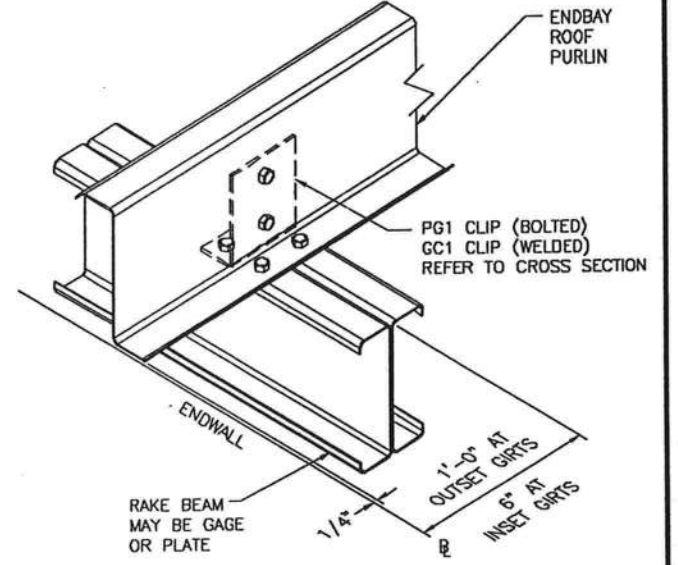
NOTE: NO CLIP REQ'D UNLESS NOTED ON FRAME CROSS SECTION.

PURLIN CONN. AT INTERIOR FRAME — RS01A1

6 1/2" OR 8 1/2" CONTINUOUS PURLINS

RS01A1V11 R 09/28/2005

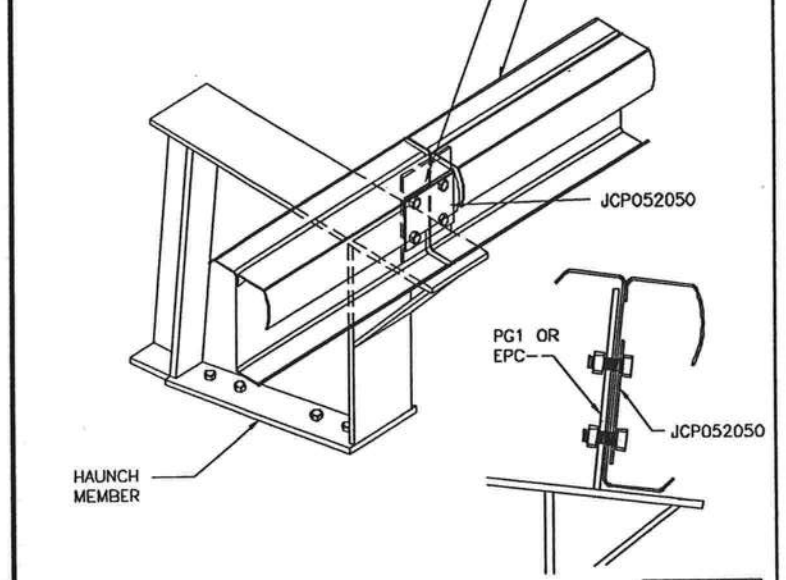
NOTE: NO CLIP REQ'D UNLESS NOTED ON FRAME CROSS SECTION.



PURLIN CONN. TO END FRAME — RS02A1

6 1/2" OR 8 1/2" CONT.

RS02A1V8 R 11/27/2006



WELDED LOW EAVE PURLIN (INT. FRAME) — RS11A1

6 1/2" OR 8 1/2" PURLINS (O.S. GIRTS)

RS11A1V11 R 08/24/2006

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDING SED'S

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS

VERSION: 7.1c

JOB #	09-558
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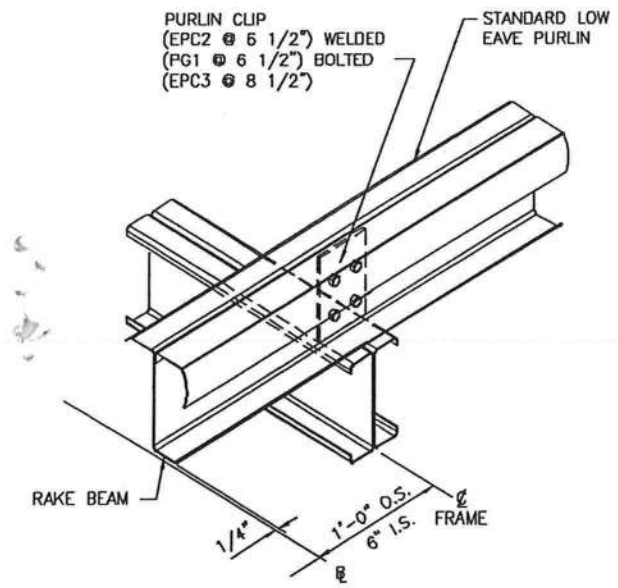
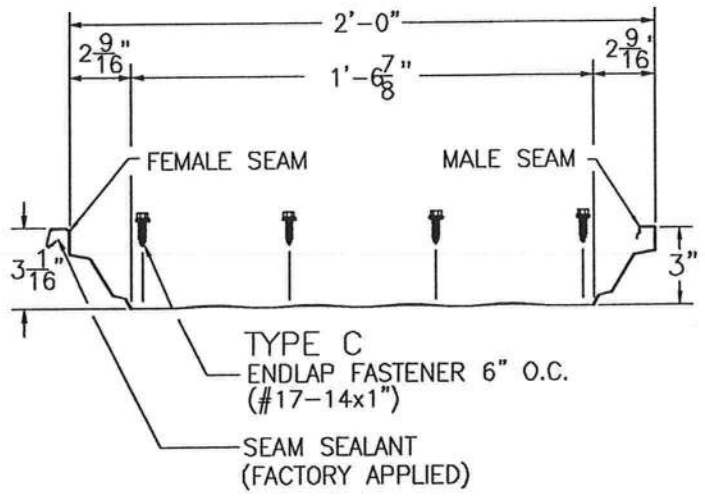


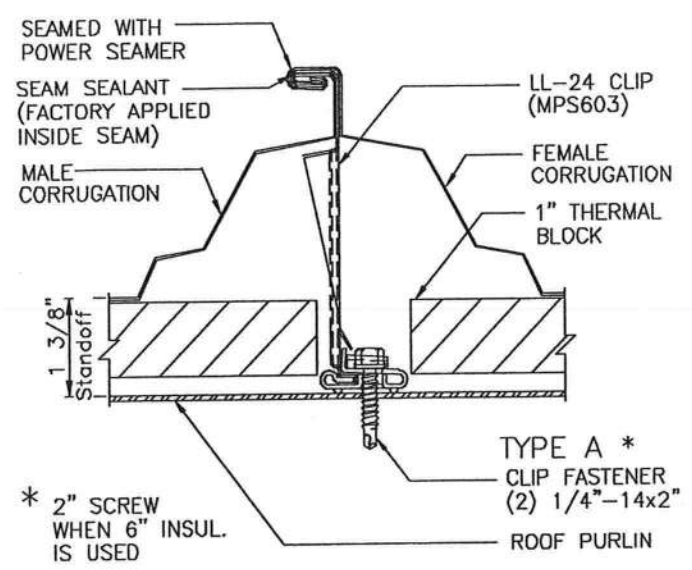
WELDED LOW EAVE PURLIN — RS11A2

P & B END FRAME (6 1/2" OR 8 1/2" PURLIN)

RS11A2V8 R 09/11/2006

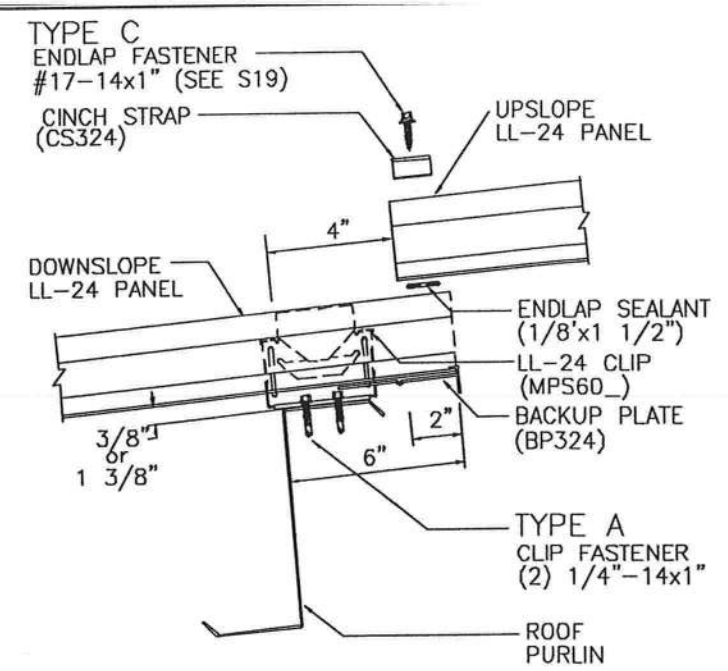


LIBERTYLOC-24 PANEL PROFILE — S19

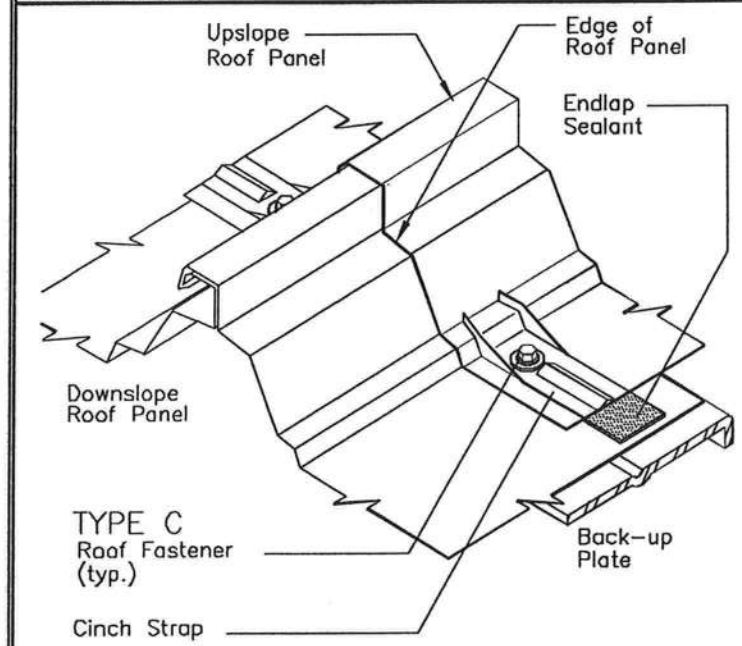


LIBERTYLOC-24 TripleLok Seam — S21H

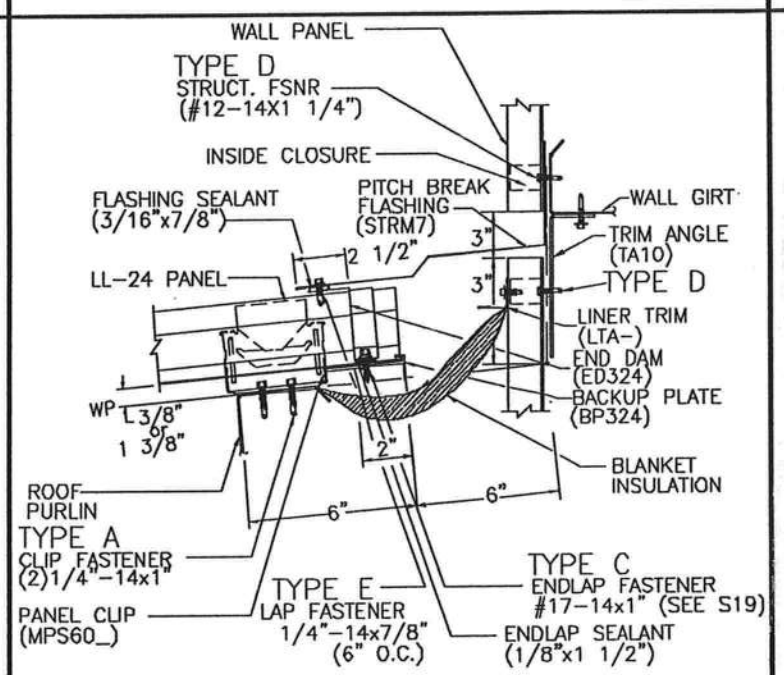
(HIGH CLIP)



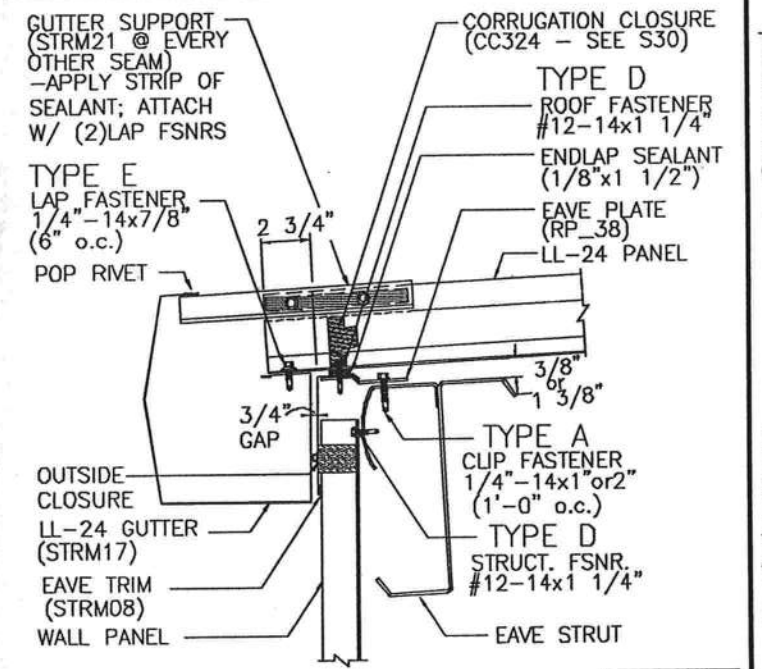
LIBERTYLOC-24 ENDLAP DETAIL — S23



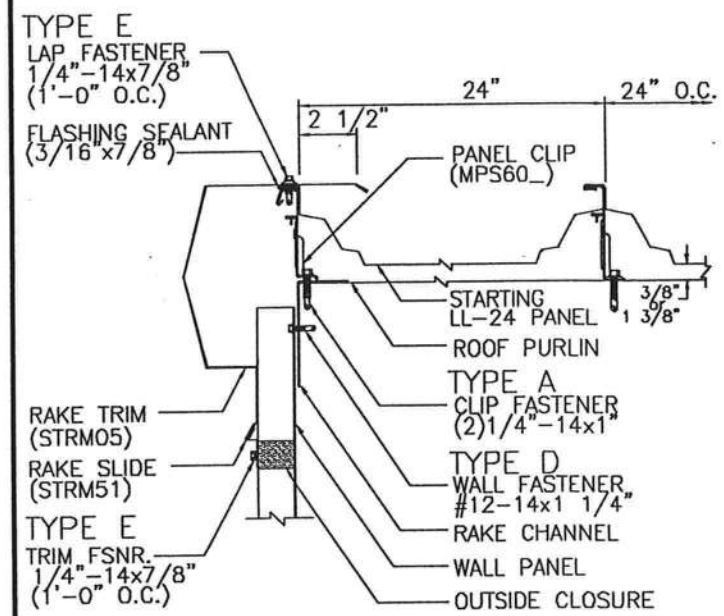
LIBERTYLOC-24 PANEL LAP — S23A



LIBERTYLOC-24 ROOF TO WALL — S26



LIBERTYLOC-24 GUTTER — S27



LIBERTYLOC-24 RAKE TRIM @ STARTING PANEL — S28

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3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDING SED'S

BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS

VERSION: 7.1c

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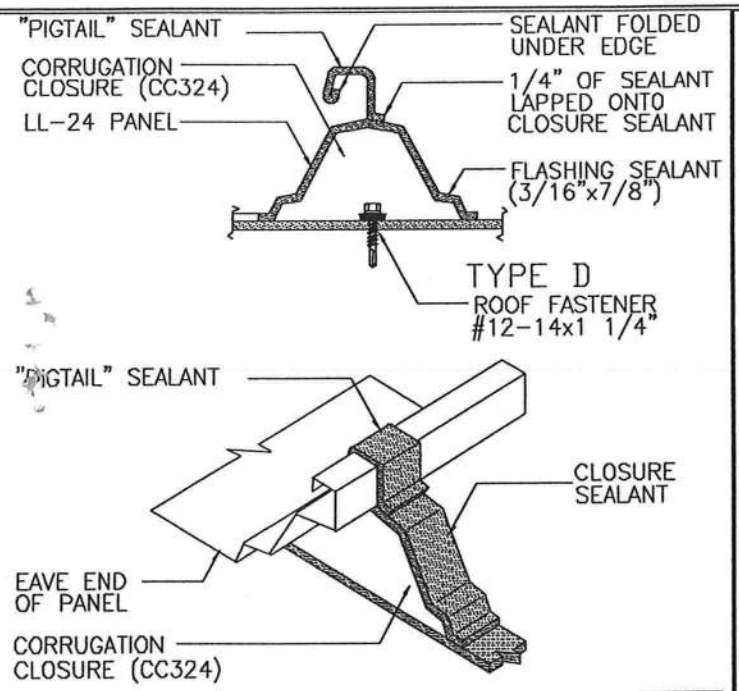
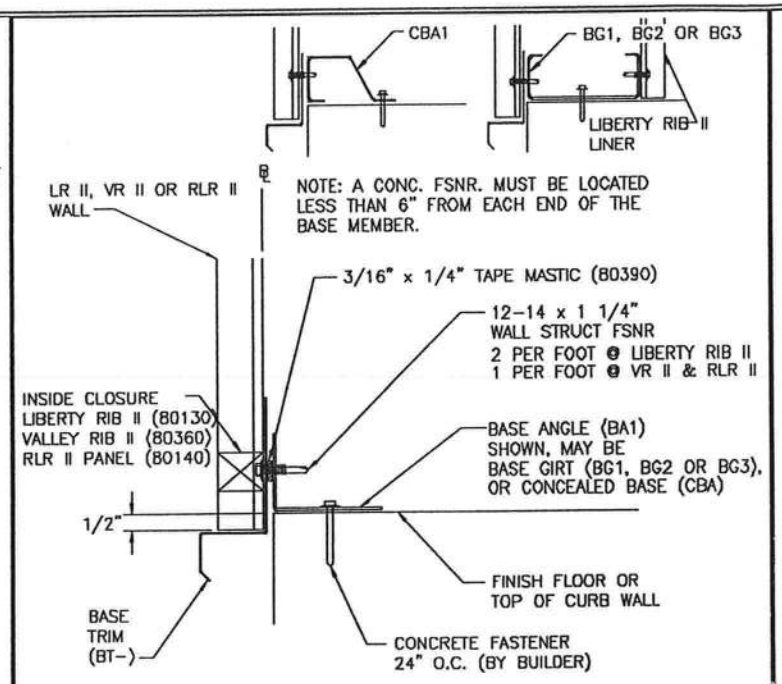
DRAWN/CHECK	AYW SSB
PAGE	30

FILENAME:



TAPE SEALANT AT METAL — S30

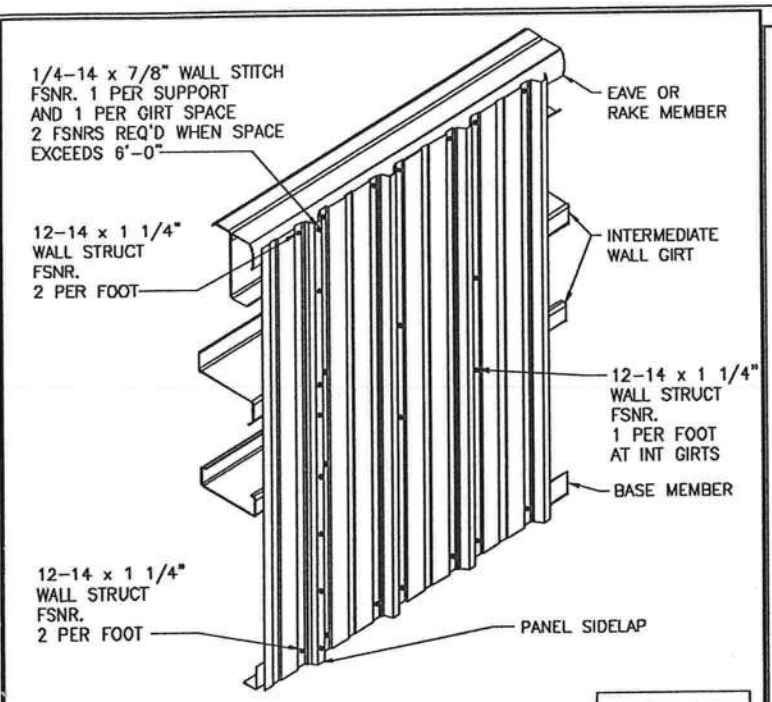
CORRUGATION (INSIDE) CLOSURE



BASE OF WALL ATTACHMENT — WC01A3

LR II, VR II OR RLR II W/ BASE TRIM

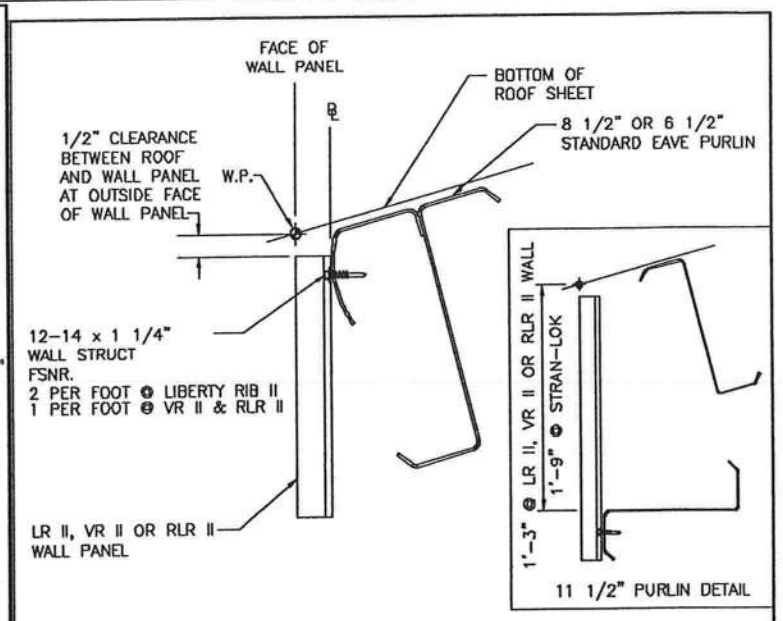
WC01A3V9 R 08/11/2008



LIBERTY RIB II WALL — WC04A1

FASTENER PATTERNS

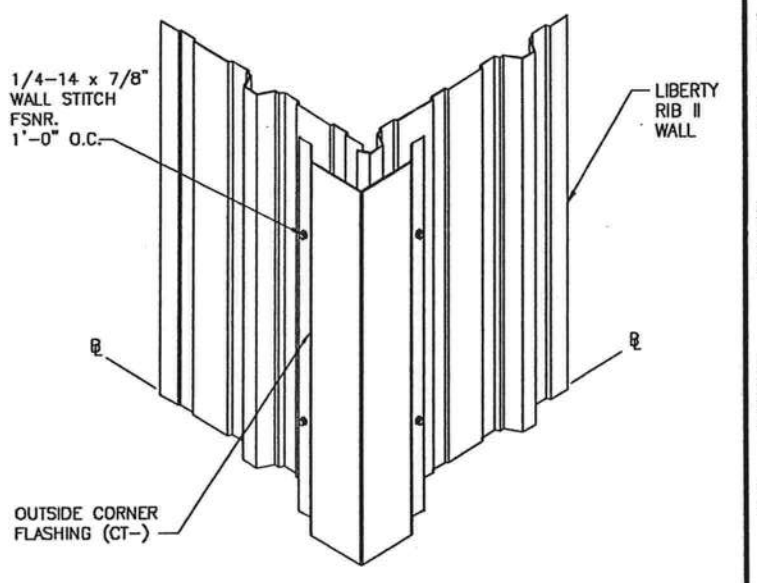
WC04A1V5 R 03/23/2004



LR II, VR II & RLR II WALL AT EAVE — WC11A1

STANDARD EAVE PURLIN

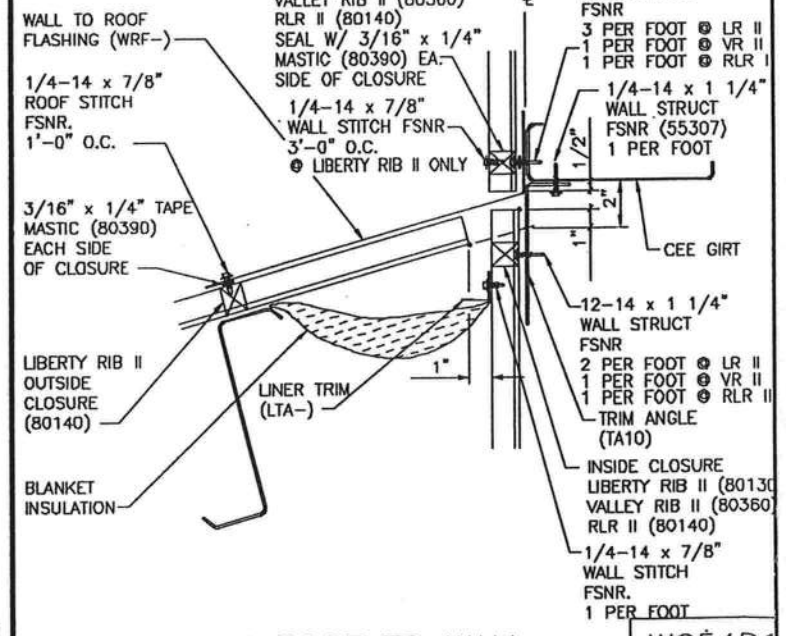
WC11A1V8 R 07/31/2007



OUTSIDE CORNER TRIM — WC20A1

LIBERTY RIB II WALL

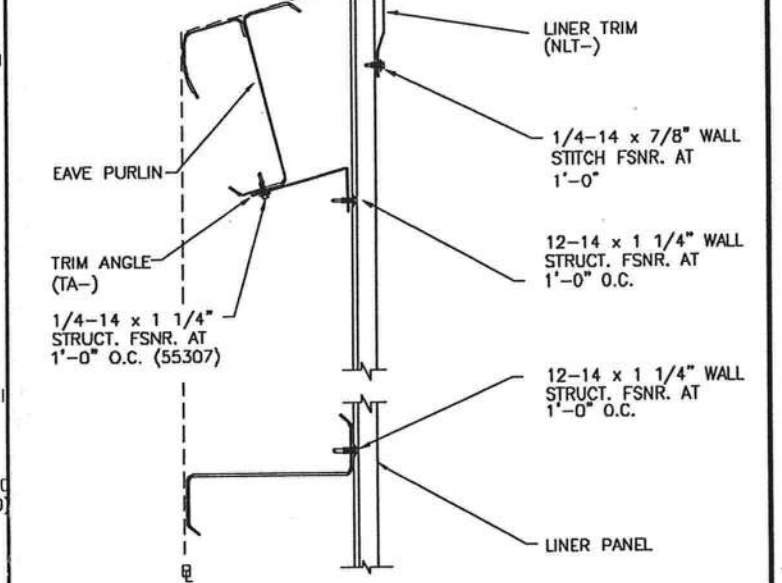
WC20A1V5 R 02/21/2005



LIBERTY RIB II ROOF TO WALL — WC54D1

LR II, VR II OR RLR II WALL ABOVE & BELOW (NON-ICE DAMMING)

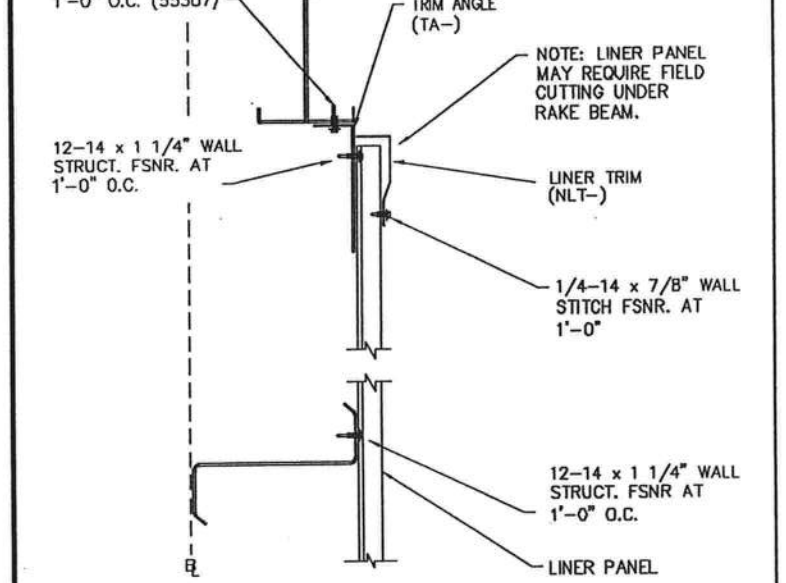
WC54D1V8 R 05/31/2005



LINER PANEL ATTACHMENT — WC61A2

LOW EAVE W/ LR II ROOF

WC61A2V3 R 03/24/2004



LINER PANEL ATTACHMENT — WC61A4

FULL HEIGHT AT ENDWALL (8.5" INSET)

WC61A4V7 R 01/21/2004

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 26 2009

FOR CONSTRUCTION

Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

NTS

BUILDING SED'S

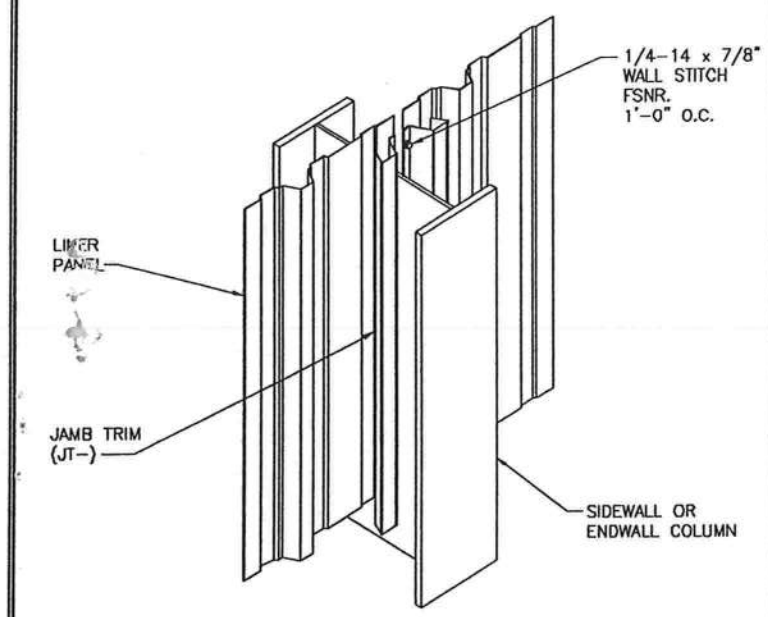
BUILDER	Concepts Construction
CUSTOMER	Brian Crawford
LOCATION	Lake City, Florida
PROJECT	Dollar General Opt D
BUILDER'S PO#	29581

Liberty BUILDING SYSTEMS

VERSION: 7.1c

JOB #	09-558
DATE	1/22/09
DRAWN/CHECK	AYW SSB
PAGE	31

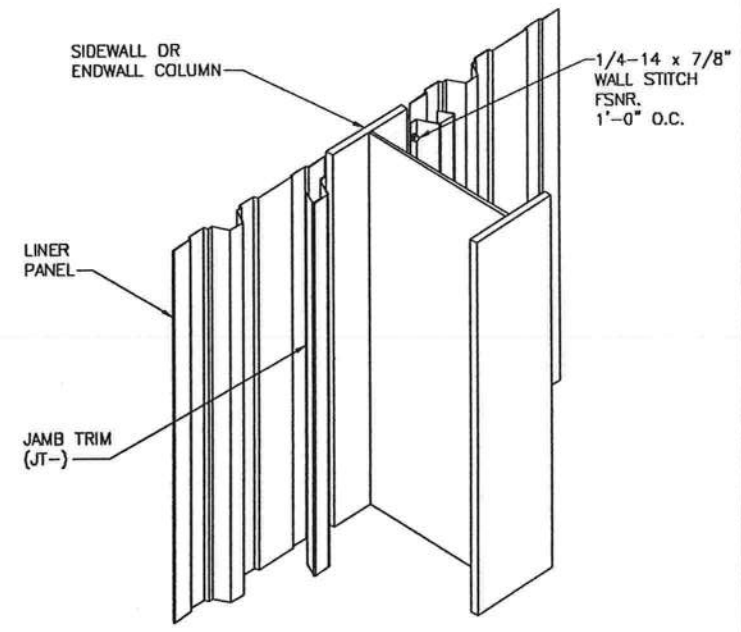
FILENAME:



LINER PANEL ATTACHMENT — WC61A8

TRIM AT COLUMN; INSET WALL

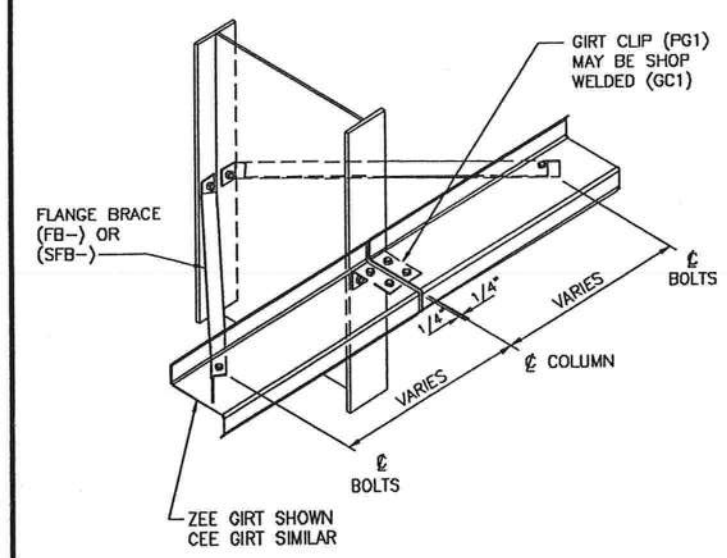
WC81A8V3 R 03/24/2004



LINER PANEL ATTACHMENT — WC61A9

TRIM AT COLUMN; OUTSET WALL

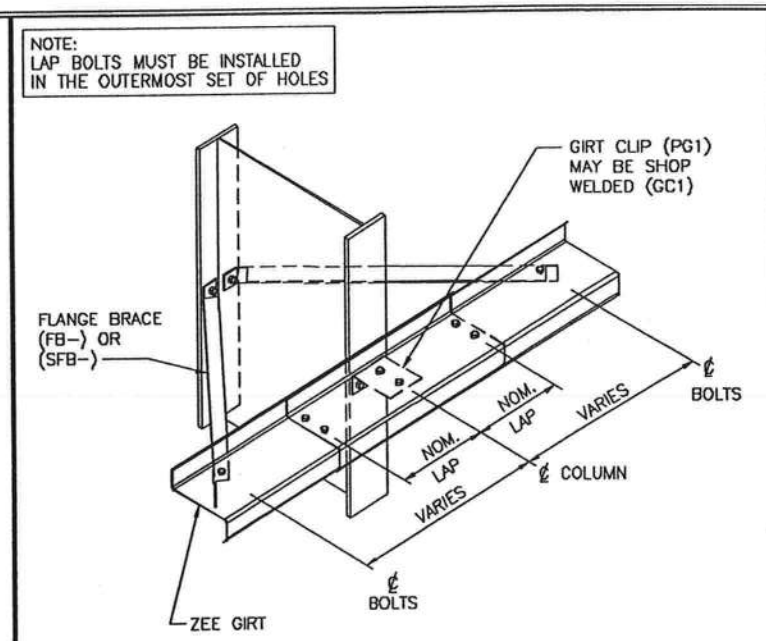
WC81A9V3 R 03/24/2004



GIRT CONN. AT COLUMN — WS01A2

6 1/2" & 8 1/2" OUTSET SIMPLE GIRTS

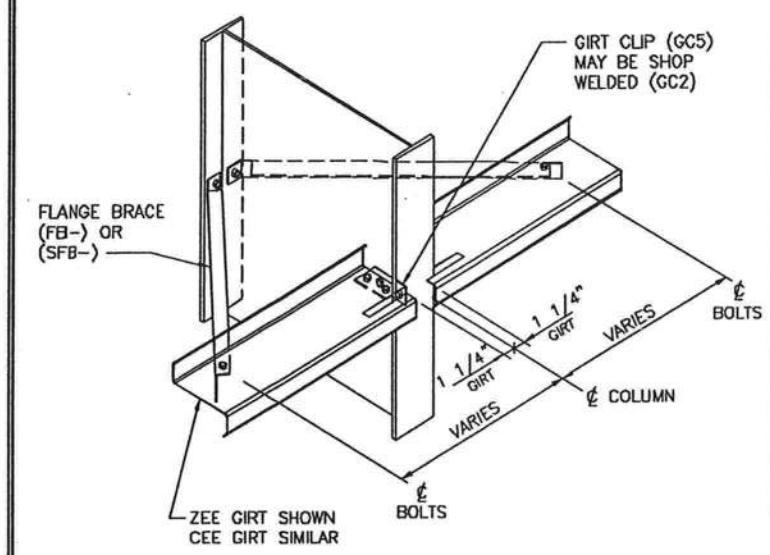
WS01A2V8 R 09/28/2005



GIRT CONN. AT COLUMN — WS01A3

6 1/2" & 8 1/2" OUTSET CONTINUOUS GIRTS

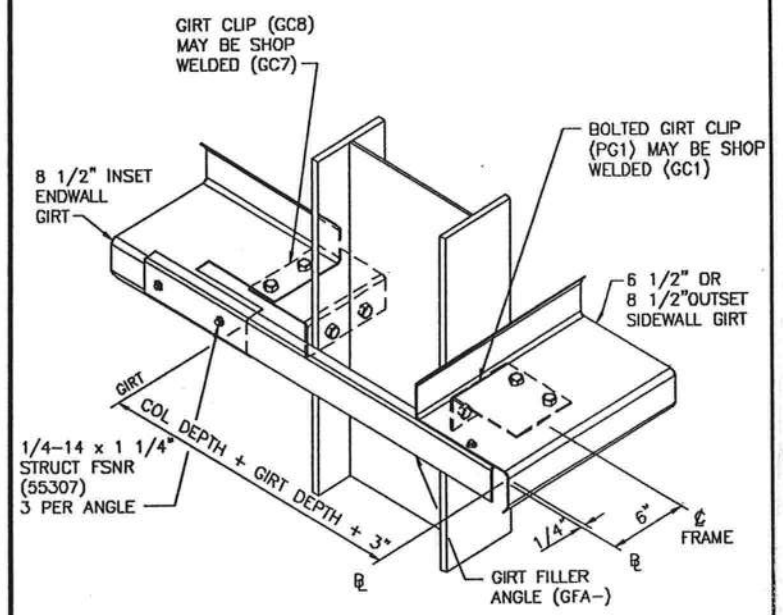
WS01A3V10 R 09/28/2005



GIRT CONN. AT COLUMN — WS01B2

8 1/2" INSET GIRTS

WS01B2V7 R 07/01/2004



GIRT CONN. AT CORNER COLUMN — WS10E2

8 1/2" INSET GIRT AT EW, ANY OUTSET GIRT AT SW

WS10E2V9 R 09/28/2005

David Ryan Hill
License No. 59692
3200 Players Club Circle
Memphis, TN 38125

JAN 2 6 2009

FOR CONSTRUCTION

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Liberty Building Systems
3200 Players Club Circle Memphis TN 38125

REV	DATE	BY	DESCRIPTION

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BUILDING SED'S

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Liberty BUILDING SYSTEMS

VERSION: 7.1c

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PAGE	32

9,100 Sq. ft

FEES:

ROAD IMPACT FEE $21,858.20 CODE 815 UNIT 9,100 Sq. ft
10100003632400

EMS IMPACT FEE $910.00
10300003632210

FIRE PROTECTION IMPACT FEE $3,549.00
10200003632220

CORRECTIONS IMPACT FEE N/A
00100003632200

SCHOOL IMPACT FEE N/A
00100003632900

TOTAL FEES CHARGED $26,317.20 CHECK NUMBER _____