DATE 09/29/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025056

APPLICANT DARRYL FEAGLE PHONE 352-463-3939

ADDRESS 222 W WADE STREET TRENTON FL 32693

OWNER TRC PROPERTIES, INC PHONE 352-493-2565

ADDRESS 7255 US HWY 27 FORT WHITE FL 32038

CONTRACTOR GARY CONSTRUCTION SERVICES PHONE 352-463-3939

LOCATION OF PROPERTY 47 S, L 27 ON LEFT AT DOLLAR GENERAL STORE

TYPE DEVELOPMENT CD, ADDITION ESTIMATED COST OF CONSTRUCTION 200000.00

HEATED FLOOR AREA _____ TOTAL AREA 4000.00 HEIGHT 14.00 STORIES 1

FOUNDATION CONCRETE WALLS BLOCK ROOF PITCH 4/12 FLOOR SLAB

LAND USE & ZONING FORT WHITE MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT _____ REAR _____ SIDE _____

NO. EX.D.U. 1 FLOOD ZONE FW DEVELOPMENT PERMIT NO. _____

PARCEL ID 34-6S-16-04059-302 SUBDIVISION FORT WHITE SQUARE

LOT B BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 2.70

_____	_____	CGC062854	X _____	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING DOT	06-0794-N	_____	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: TOWN OF FORT WHITE APPROVAL INCLUDED, SRWND PERMIT, DOT APPROVAL INCLUDED, LETTER OF AUTHORIZATION INCLUDED

Check # or Cash 5204

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 $ 1000.00 CERTIFICATION FEE $ 20.00 SURCHARGE FEE $ 20.00

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

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE** 1040.00

INSPECTORS OFFICE _____ CLERKS OFFICE _____

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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0609-06 Date Received 9/7/06 By CP Permit # 25056

Application Approved by - Zoning Official _____ Date _____ Plans Examiner OKJTH Date 9-30-06

Flood Zone FW Development Permit _____ Zoning FW Land Use Plan Map Category _____

Comments Ft. White Letter Attached NOC / [illegible]

DAVID EAGLE FAX: 463-8098

Applicants Name ~~Gray Construction Services, Inc.~~ Phone 352-463-3939

Address 222 W. Wade St. Trenton, Fl. 32693

Owners Name TRC Properties, Inc. Phone 352-493-2565

911 Address 7255 US Hwy 27 Ft. White, Fl. 32038

Contractors Name Gray Construction Services, Inc. Phone 352-463-3939

Address 222 W. Wade St. Trenton, Fl. 32693

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Driscoll Eng., Inc. 3538 NW 97th Blv. G'ville, Fl. 32606

Mortgage Lenders Name & Address N/A

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

Property ID Number 34-6S-16-04059-302 Estimated Cost of Construction 200,600

Subdivision Name Fort White Square - Dollar General Lot B Block ____ Unit ____ Phase ____

Driving Directions State Rd. 47 South to Ft. White, Turn Left on St. Rd. 27, Approx. 1 mile on left.

Type of Construction 4000 S.F. Addition CD Number of Existing Dwellings on Property 1

Total Acreage 2.710 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 80' Side 32' Side 165' Rear 160'

Total Building Height 14' Number of Stories 1 Heated Floor Area 12,000 Roof Pitch 4/12

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.

OWNERS AFFIDAVIT: 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.

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CGC #062854

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

VALARIE BENJAMIN
Comm# DD0309460
Expires 4/11/2008
Bonded thru (800)432-4
Florida Notary Assn., I

Sworn to (or affirmed) and subscribed before me this 1 day of Sept. 06 20____.

Personally known ____ or Produced Identification ____

Notary Signature

352-222 1067

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 34-6S-16-04059-302

2006 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	T R C PROPERTIES INC
Site Address	FORT WHITE SQUARE
Mailing Address	P O BX 443 TRENTON, FL 32693
Description	PARCEL B FORT WHITE SQUARE. ORB 663-83, 775-135, 785-05, 834-1404, 911-1286,

Use Desc. (code)	STORES, 1 (001100)
Neighborhood	16.00
Tax District	4
UD Codes	MKTA02
Market Area	02
Total Land Area	2.710 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$65,175.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$212,835.00
XFOB Value	cnt: (3)	$14,845.00
Total Appraised Value		$292,855.00

Just Value	$292,855.00
Class Value	$0.00
Assessed Value	$292,855.00
Exempt Value	$0.00
Total Taxable Value	$292,855.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
9/27/2000	911/1286	WD	V	Q		$55,000.00
1/24/1997	834/1404	WD	V	Q		$30,000.00
1/11/1994	785/5	WD	V	U	12	$32,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	PREF M B R (008800)	2001	Mod Metal (25)	7900	8596	$212,835.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2001	$270.00	18.000	0 x 0 x 0	(.00)
0166	CONC,PAVMT	2001	$1,284.00	856.000	0 x 0 x 0	(.00)
0260	PAVEMENT-A	2001	$13,291.00	14768.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
001100	STORE 1FLR (MKT)	2.710 AC	1.00/1.00/1.00/1.00	$24,050.00	$65,175.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

1 of 1

AC# 2714658

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CGC062854 08/14/06 068027235

CERTIFIED GENERAL CONTRACTOR
GRAY, MATTHEW TODD
GRAY CONSTRUCTION SERVICES INC

IS CERTIFIED under the provisions of Ch.489 FS.

Expiration date: AUG 31, 2008 L06081400938

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building & Zoning Dept. **Fax No: 386-758-2160**	**From:** Dale L. Cray, FDOT Permits Insp. **Date: 9-19-2006 Fax No. 386-961-7183** **Attention:**

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

REF: Existing Comm. D/W / Inspected On:9-18-2006
PROJECT: FT. WHITE DOLLAR GENERAL STORE/ Existing: Res. Access S.R.27 (S)
PARCEL ID No: PERMIT# N/A SEC#29050
MILE POST N/A +- Engineer: N/A

Mr. Kerce:

Please accept this as our legal notice of final passing inspection for an existing commercial driveway for **Pt White Dollar General Store** 7255 US HWY 27 FT. White, Fl. 32038.

This access has been inspected and the connection is acceptable and meets FDOT ACCESS Standard Requirements. This store is adding 3900 sf and increasing the trips, but it still will be a class 6 commercial access.

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 961-7146.

Sincerely,

Dale L. Cray
Access Permits Inspector

CONSTRUCTION
GRAY
SERVICES, INC.

September 7, 2006

Columbia County
Building Department
135 NE Hernando Avenue
Lake City, Florida 32055

Re: Authorization Letter

To whom it may concern:

I hereby authorize Darryl Feagle of Gray Construction Services to conduct business on my behalf with Columbia County, in regards to the permitting of the Dollar General addition project, to be built in Ft. White. Should there be any questions, please do not hesitate to contact me at (352) 463-3939.

Thank You

Matthew "Todd" Gray
President

Florida CGC#062854

D Zimmerman 9/7/06

NOTARY PUBLIC STATE OF FLORIDA
D. Zimmerman
Commission #DD241221
Expires: Aug 13, 2007
Bonded Thru
Atlantic Bonding Co., Inc.

GENERAL CONTRACTORS • CONSTRUCTION MANAGERS
222 West Wade Street, Trenton, Florida 32693
352-463-3939 • Fax: 352-463-8098 • FL CGC #062854
www.gray-construction.com

Town of Fort White

Post Office Box 129 Fort White, Florida 32038-0129
Town Hall - (386) 497-2321 • Public Works - (386) 497-3345
Email: townofftwhite@alltel.com • Web site: Townoffortwhitefl.com

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

OWNER'S NAME: TRC Properties, Inc.

ADDRESS: P.O. Box 443 Trenton, FL 32693

PROPERTY DESCRIPTION: 04059-302 Block B
(parcel number if possible)
7255 US Hwy 27 Fort White / Dollar General

DEVELOPMENT: 4000 Square foot addition

You are hereby authorized to issue the appropriate building permits.

05 Sept. 06
DATE

James E. Revels (RA)
LAND DEVELOPMENT REGULATION
ADMINISTRATOR
TOWN OF FORT WHITE

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

N

Permit Application Number 06-0794E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See Attached

Notes:

Site Plan submitted by: _____ AGENT
Signature Title

Plan Approved X Not Approved ____ Date 9/28/06

By _____ APPROVED Columbia CHD County Health Departme

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

GEO-TECH, INC.

ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

September 26, 2006
Project No. 061587.04G

Darryl Feagle
Gray Construction Services
222 West Wade Street
Trenton, Florida 32693

Reference: Proposed Addition
Dollar General
U. S. 27
Fort White, Florida

Dear Mr. Feagle,

As requested, Geo-Technologies, Inc. (GTI) has performed the geotechnical engineering investigation and evaluation of the site for an addition to the Dollar General store on U.S. 27 in Fort White, Florida. The purposes of our investigation were to determine the general subsurface conditions in the proposed addition area and to provide recommendations for foundation design, site preparation and other geotechnical concerns as appropriate. The scope of our investigation was planned in conjunction with and authorized by you per proposal No. 410G dated September 15, 2006.

We understand the addition will be single-story, of steel frame construction and have lateral dimensions of approximately 50 feet by 80 feet. The addition will abut the existing single-story, steel frame building along its' easterly edge (80 feet). Support for the addition is to be provided by a monolithic foundation with finished floor elevation matching the floor of the existing building. The largest thickened sections (foundations) will have lateral dimensions on the order of 5 feet by 5 feet and a thickness of about 2.5 to 3.0 feet. Foundation loads have not been provided; however, we believe column and wall loads will not exceed 35 kips and 1.0 kip per foot, respectively.

The proposed building site is generally open and grassy, and the ground surface slopes moderately in an easterly direction away from the exiting building. This sloped area appears to be fill. Surface elevations vary approximately 3 feet within the proposed addition limits. A few small trees are present at the south edge of the site. The northeasterly corner of the proposed addition area coincides with an existing storm water basin that we understand will be relocated. The easterly end of the existing building appears to be on approximately 3 feet of fill placed above the former surface grade. We estimate up to about 3 feet of fill will be required on the easterly side of the addition. Less fill will be required moving toward the existing building. Both

underground and overhead utilities are present within the proposed building limits, and the existing air-conditioning system will require relocation.

Site Investigation

On September 20, 2006, GTI investigated the site by performed four (4) Standard Penetration Test borings advanced to depths of 10 feet below the existing surface grade. The borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by GTI based upon your verbal description of the improvement area and proposed addition dimensions. Representative samples of the site soils were collected and returned to our laboratory for visual examination and classification by a geotechnical engineer.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 8.5 to 10 or more feet of very loose to loose sand (SP), sand with silt or clay (SP/SM, SP/SC) or silty sand (SM). Soil colors are typically tan, gray or white. The N-values of this layer range from less than 1 blow per foot to 8 blows per foot. The second layer consists of an undetermined thickness of very loose to loose, greenish gray or gray and orange, clayey sand (SC). The N-values of this layer are on the order of 6 to 8 blows per foot.

Ground water was not encountered at any boring location at the time of our investigation, and we believe the wet season water table will occur at a depth of more than 10 feet below the existing surface grade. Ground water therefore should not adversely affect site preparation procedures.

For a more detailed description of the subsurface conditions encountered, please refer to the attached borings logs. Note specifically the transition between soil layers is typically gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

Based upon our findings, it is our opinion the site soils are not particularly suitable to provide support for the proposed addition -- they are too loose, and significant settling of the foundations or floor can be expected if adequate site preparation is not performed as detailed in the following paragraphs.

The existing utilities and air-conditioning equipment should be removed or relocated prior to performing any site work. The site should then be stripped of grass, topsoil, trees, roots and other deleterious materials.

Except near the existing building, the existing site soils should be excavated uniformly to a depth of 1 foot below the bottoms of the proposed foundations. We estimate this excavation will extend to a depth of about 1 foot below the lowest portion of the existing surface grade within the limits of the addition. Except near the existing foundations, the lateral limits of excavation should extend a minimum of 3 feet beyond the edges of the proposed foundations. The elevations of the bottoms of the existing foundations should be determined, and no excavation should be performed below a plane surface extending outward from the vertical midpoint of the existing foundations at an angle of 60 degrees from vertical. Except for organic soils or particularly silty or clayey soils that may be present though not encountered in the soil test borings, the existing site soils, we believe, are suitable for reuse and should be stockpiled. Under no circumstances should the existing foundations be undermined.

The over-excavated building area should then be thoroughly proof-rolled using heavy, rubber-tired equipment (a large, loaded front-end loader for example). Proof-rolling helps to compact the subgrade soils and to locate zones of especially loose soil not previously encountered in the soil test borings. Such zones of particularly loose soil should be excavated and replaced; however, this additional excavation need not exceed a depth of 3 feet unless sinkhole or similar conditions are believed to exist. Such conditions should be examined by the geotechnical engineer immediately.

As required, replacement soil should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. This soil should be placed in maximum 12-inch loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Following proof-rolling operations, the subgrade should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet. We recommend compaction be performed using a vibratory drum roller of static weight not exceeding about 3,000 pounds. It is essential the existing building be monitored for movement during all vibratory compaction efforts. If movement is noted, compaction procedures should be temporarily halted, and the engineer should be notified. We will evaluate the site and procedures and provide alternative recommendations as required.

Fill materials to raise the site grade should then be placed as required. Fill should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. We believe the excavated site soils are suitable and may be reused. Fill should be placed in maximum 12-inch, loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Foundation cuts may then be placed in the compacted subgrade soils.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundations excavations to verity the recommended compaction has been achieved.

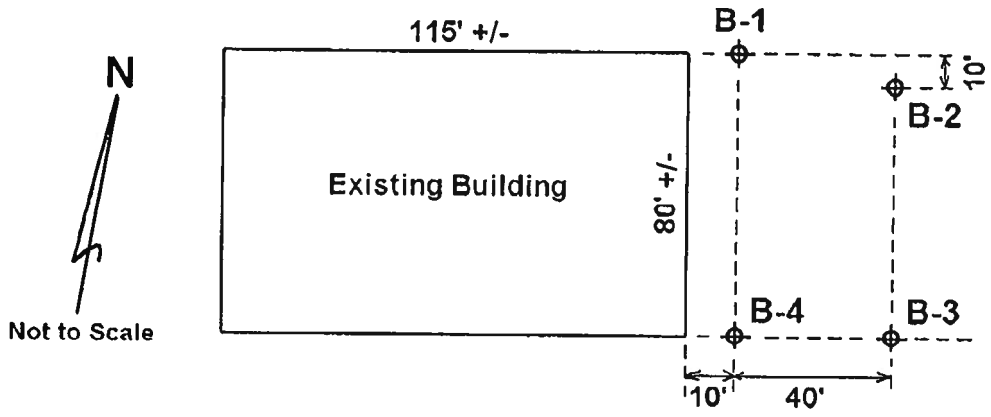
The recommendations provided within this report are intended to provide a reasonably uniform subgrade for which settling of the addition (foundations and floor) should be negligible. In the event site conditions are discovered that you believe compromise this intent, please advise us so that we may provide suitable remedial procedures.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Geo-Technologies, Inc.

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

9/27/06
52612

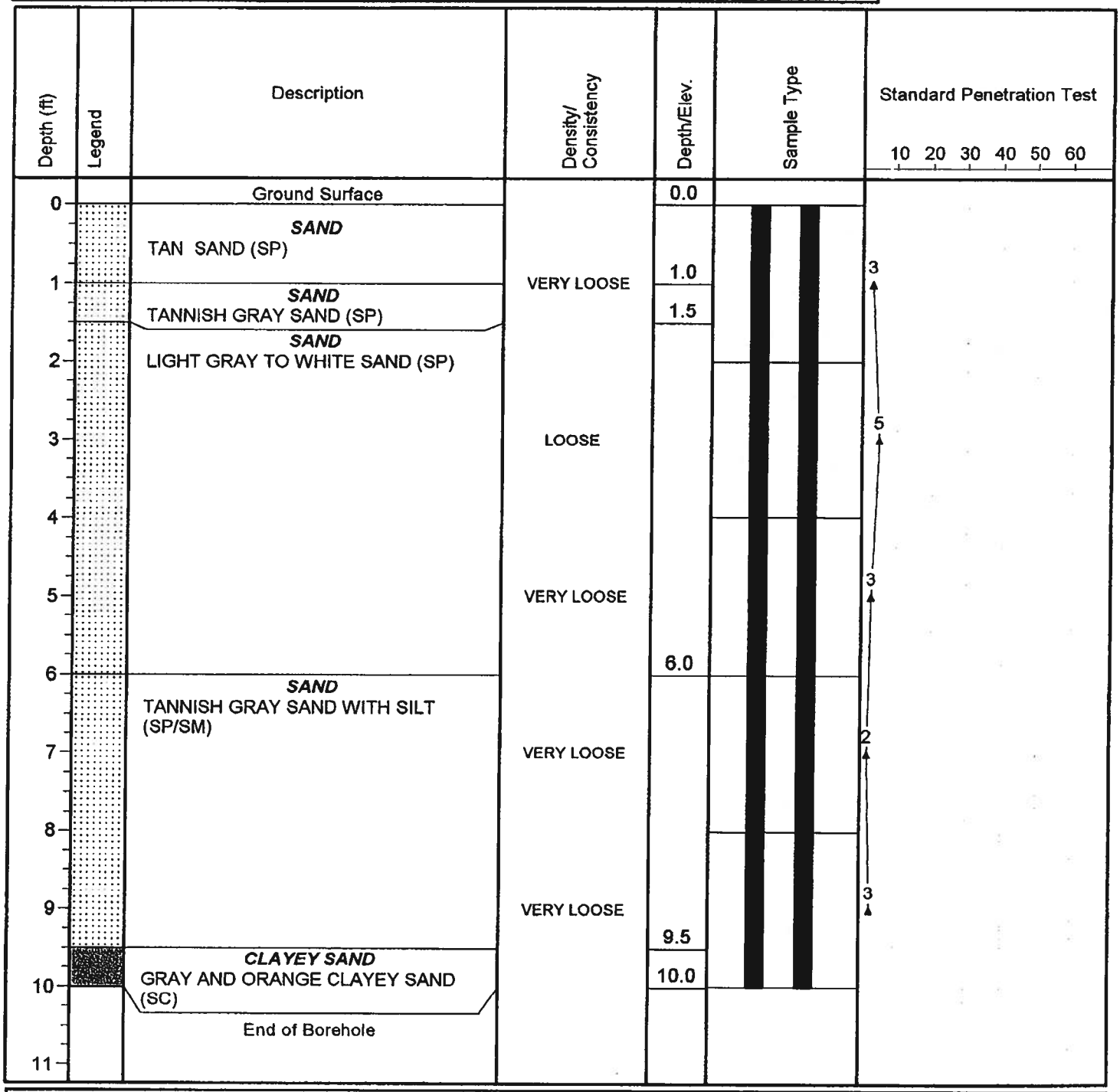


Boring Location Plan: Proposed Addition
Dollar General
Fort White, Florida
GTI No.: 061587.04G

Log of Borehole: B-1

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-1 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608



Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Soil Profile : 1 OF 4

Log of Borehole: B-2

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-2 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Legend	Description	Density/ Consistency	Depth/Elev.	Sample Type	Standard Penetration Test (10 20 30 40 50 60)
0		Ground Surface		0.0		
1		***SAND*** DARK BROWNISH GRAY,SILTY SAND (SM)	LOOSE	1.0		4
2		***SAND*** TANNISH GRAY SAND WITH SILT (SP/SM)		2.5		1
3		***SAND*** LIGHT GRAYISH TAN SAND (SP)	VERY LOOSE			
4						
5			LOOSE			5
6				6.0		
7		***SAND*** LIGHT GRAYISH TAN SAND (SP)	LOOSE			5
8				8.0		
9		***SAND*** GRAY SAND WITH CLAY (SP/SC)	LOOSE			6
10				10.0		
11		End of Borehole				

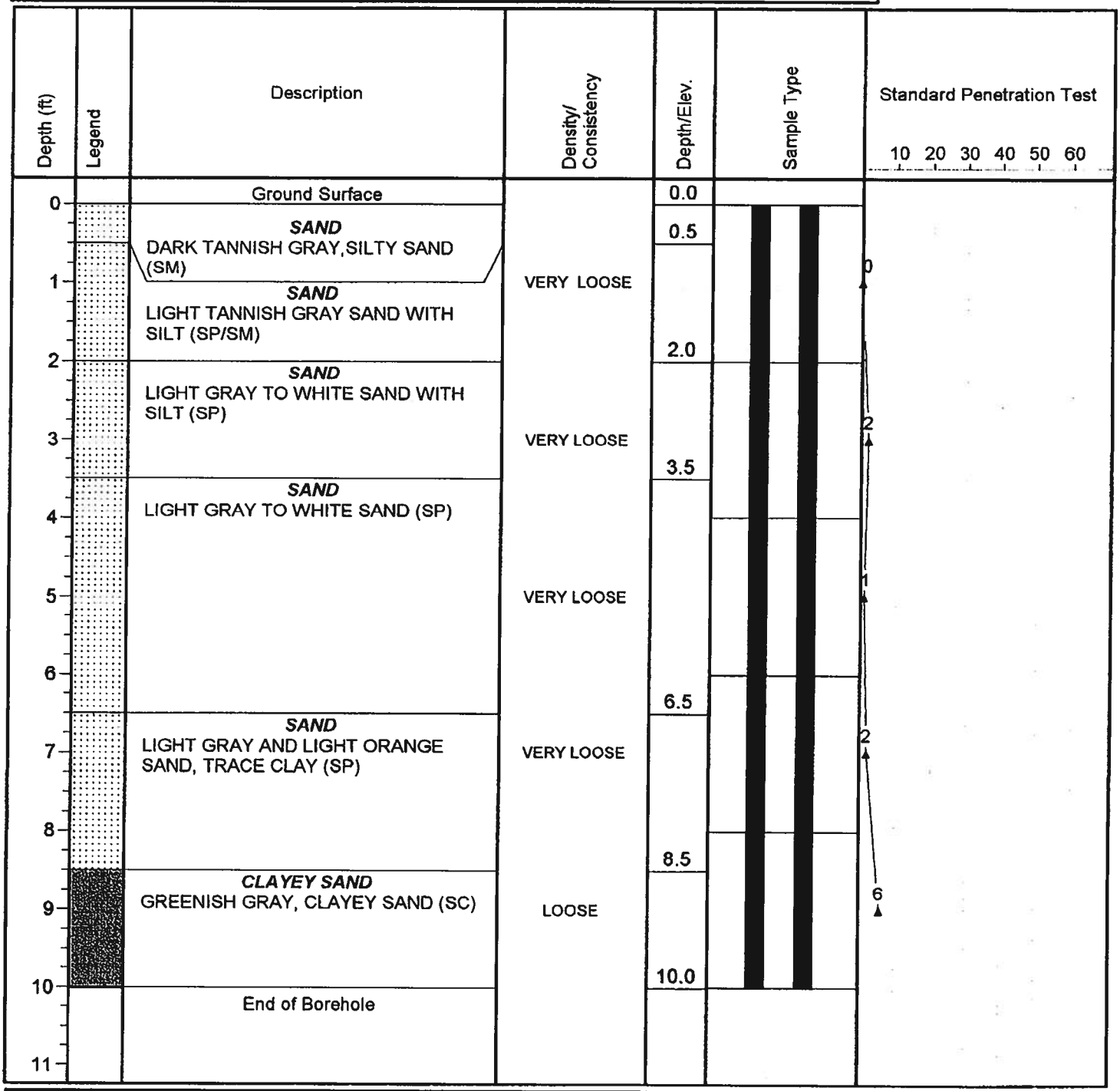
Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006
Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Log of Borehole: B-3

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-3 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608



Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Soil Profile : 3 OF 4

Log of Borehole: B-4

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-4 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Description	Density/ Consistency	Depth/Elev.	Standard Penetration Test (10 20 30 40 50 60)
0	Ground Surface		0.0	
1	***SAND*** GRAYISH TAN SAND (SP)	LOOSE		8
2			2.0	
3	***SAND*** TANNISH GRAY SAND (SP)	LOOSE	3.0	8
4	***SAND*** LIGHT TAN SAND (SP)			
5		VERY LOOSE	5.0	3
6	***SAND*** LIGHT GRAY TO WHITE SAND (SP)			
7		VERY LOOSE		3
8				
9		LOOSE		8
10	End of Borehole		10.0	
11				

Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006
Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Soil Profile : 4 OF 4

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

EnergyGauge FlaCom v 2.1 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings
Not Effective Before July 1, 2005

Jurisdiction: ALACHUA COUNTY, ALACHUA COUNTY, FL (111000)

Short Desc: Dollar General
Owner: Dollar General - Ft. White
Address: Dollar General - Ft. White

Project: Dollar General - Ft. White

City: Ft. White
State: FL
Zip: 0

PermitNo: 0
Storeys: 1

Type: Retail
Class: Addition to existing Building

***Conditioned Area:** 4000
***Cond + UnCond Area:** 4000

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 10.0 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	5,363.92	6,919.40	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**None Entered**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**None Entered**
PIPING SYSTEMS			**None Entered**
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.

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: Engineered Building Syst	**BUILDING OFFICIAL:** _____
DATE: 8/4/06	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: Dollar General - Ft. White	
DATE: _____	

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

		REGISTRATION No.
ARCHITECT :	**Brown and Cullen**	**FL**
ELECTRICAL SYSTEM DESIGNER:	**Engineered Building Systems, In**	**FL**
LIGHTING SYSTEM DESIGNER:	**Engineered Building Systems, In**	**FL**
MECHANICAL SYSTEM DESIGNER:	**Engineered Building Systems, In**	**FL**
PLUMBING SYSTEM DESIGNER:	**Brown and Cullen**	**FL**

(*) 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: Dollar General
Title: Dollar General - Ft. White
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*76.92*	*100.00*
	$5,363.93	*$6,919.40*
ELECTRICITY(MBtu/kWh/$)	76.92 105,175.00 *$5,363.93*	100.00 136,747.00 *$6,919.40*
AREA LIGHTS	26.29 35,956.00 *$1,833.76*	33.19 45,375.00 *$2,295.98*
MISC EQUIPMT	18.81 25,732.00 *$1,312.33*	18.81 25,732.00 *$1,302.04*
PUMPS & MISC	0.04 59.00 *$3.01*	0.04 59.00 *$2.99*
SPACE COOL	22.28 30,462.00 *$1,553.56*	24.90 34,047.00 *$1,722.78*
VENT FANS	9.49 12,966.00 *$661.27*	23.06 31,534.00 *$1,595.62*

Credits & Penalties (if any): Modified Points: = 76.93 | **PASSES**

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)

None

Project: Dollar General
Title: Dollar General - Ft. White
Type: Retail
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compliance
Store Addition	,001	General Sales Area	4,000	1	4	2	PASSES

PASSES

Project: Dollar General
Title: Dollar General - Ft. White
Type: Retail
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Store Addition — System 1 — Constant Volume Packaged System — No. of Units 1

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Cooled 65000 to 135000 Btu/h Cooling Capacity		11.00	10.30	8.00		PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.37	0.90			PASSES

PASSES

Plant Compliance

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

None

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance

None

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: Dollar General
Title: Dollar General - Ft. White
Type: Retail
(WEA File: JACKSONVILLE.T

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 2.1

INPUT DATA REPORT

Project Information

Project Name: Dollar General

Project Title: Dollar General - Ft. White

Address: Dollar General - Ft. White

State: FL

Zip: 0

Owner: Dollar General - Ft. White

Orientation: North

Building Type: Retail

Building Classification: Addition to existing Building

No.of Storeys: 1

GrossArea: 4000

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Store Addition	Zone 1	CONDITIONED	4000.0	1	4000.0	☐

Spaces

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

In Zone: Store Addition									
1	Store Addition Store Addition	General Sales Area	80.00	50.00	10.00	1	4000.0	40000.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Store Addition								
In Space: Store Addition								
1	Suspended Fluorescent	General Lighting	52	128	6656	Manual On/Off	4	☐

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: Store Addition												
1	Store Addition S	Metal siding/R11Batt/0.5" Gyp	80.00	10.00	1	800.0	South	0.0957	0.7570	16.80	10.45	☐
2	Store Addition E	Metal siding/R11Batt/0.5" Gyp	50.00	10.00	1	500.0	East	0.0957	0.7570	16.80	10.45	☐
3	Store Addition W	Metal siding/R11Batt/0.5" Gyp	50.00	10.00	1	500.0	West	0.0957	0.7570	16.80	10.45	☐

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:											
In Wall:											☐

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: Store Addition													
In Wall: Store Addition E													
	1	Store Addition E	Solid Urethane foam core	No	3.00	7.00	3	21.0	0.6061	0.00	0.00	1.65	☐
In Wall: Store Addition W													
	1	Store Addition W	Solid Urethane foam core	No	3.00	7.00	1	21.0	0.6061	0.00	0.00	1.65	☐

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: Store Addition													
	1	Store Addition	Mtl Bldg Roof/R-11 Batt	50.00	80.00	1	4000.0	0.00	0.0967	0.87	9.57	10.34	☐

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]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Store Addition											

1	Store Addition	1 ft. soil, concrete floor, carpet and rubber pad	50.00	80.00	1	4000.0	0.1745	54.00	108.00	5.73	☐

Systems

Store Addition **System 1** **Constant Volume Packaged System** **No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled 65000 to 135000 Btu/h Cooling Capacity)	120000.00	11.00	8.00	☐
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	4000.00	0.37		☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV	
						☐

Water Heaters

W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss	
						☐

Ext-Lighting

Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
							☐

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

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
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000
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]	
1005	1 ft. soil, concrete floor, carpet and rubber pad	No	No	0.17	54.00	108.00	5.7300	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	265	Soil, 1 ft	2.0000	0.00	☐
2	48	6 in. Heavyweight concrete	0.5000	0.00	☐
3	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]	
1020	Metal siding/R11Batt/0.5"Gyp	No	No	0.10	0.76	16.80	10.4535	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	4	Steel siding	0.0050	0.00	☐
2	12	3 in. Insulation	0.2500	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]	
1031	Solid Urethane foam core	No	Yes	0.61			1.6500	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	282	Solid Urethane foam core		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]	
1046	Mtl Bldg Roof/R-11 Batt	No	No	0.10	0.87	9.57	10.3366	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.00	☐
2	12	3 in. Insulation	0.2500	0.00	☐

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:
REESE ROWLAND
POST OFFICE BOX 443
TRENTON, FL 32693

PERMIT NUMBER: ERP01-0060M
DATE ISSUED: 06/18/2006
DATE EXPIRES: 06/18/2009
COUNTY: COLUMBIA
TRS: S34/T6S/R16E

PROJECT: DOLLAR GENERAL-FORT WHITE MODIFICATION

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

REESE ROWLAND
POST OFFICE BOX 443
TRENTON, FL 32693

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:

Modification of an existing facility to expand building and parking areas. The exiting retention area will be backfilled and converted to a parking lot. The surface water management system will be constructed so that all runoff is directed into a new 0.16 acre retention pond. Project will be constructed in accordance with plans submitted by Brown and Cullen, signed and sealed by Stuart I Cullen, P.E., on 05-11-06.

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 pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right to request such a hearing. In addition, the District will presume that permittee waives Chapter 120,

F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

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 Jerry Bowden
District Staff

Date Approved 06/14/06

Clerk

Executive Director

SECTION C

AS-BUILT CERTIFICATION
(TO BE COMPLETED BY A PROFESSIONAL ENGINEER)

I hereby certify that all components of the surfacewater management system authorized under permit number _____, issued _____, for _____ in _____ County have been built in substantial conformance with the permitted plans and design.

It is further stated that the permittee has been furnished with instructions as to how the system is to be operated and maintained.

_____
Signature of Engineer

_____
Name and Florida Registration Number (Please print or type)

_____
Date Certification Made

_____
Company Name

_____
Mailing Address

_____
City, State, Zip Code

_____
Phone Number

Project visited for final (As-built) inspection on: _____

Minor Field Changes: _____

_____

_____

_____

[AFFIX SEAL]

RECEIVED
OCT 03 2006
Gray Cons't. Services

GEO-TECH, INC.
ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

September 26, 2006
Project No. 061587.04G

Darryl Feagle
Gray Construction Services
222 West Wade Street
Trenton, Florida 32693

Reference: Proposed Addition
Dollar General
U. S. 27
Fort White, Florida

Dear Mr. Feagle,

As requested, Geo-Technologies, Inc. (GTI) has performed the geotechnical engineering investigation and evaluation of the site for an addition to the Dollar General store on U.S. 27 in Fort White, Florida. The purposes of our investigation were to determine the general subsurface conditions in the proposed addition area and to provide recommendations for foundation design, site preparation and other geotechnical concerns as appropriate. The scope of our investigation was planned in conjunction with and authorized by you per proposal No. 410G dated September 15, 2006.

We understand the addition will be single-story, of steel frame construction and have lateral dimensions of approximately 50 feet by 80 feet. The addition will abut the existing single-story, steel frame building along its' easterly edge (80 feet). Support for the addition is to be provided by a monolithic foundation with finished floor elevation matching the floor of the existing building. The largest thickened sections (foundations) will have lateral dimensions on the order of 5 feet by 5 feet and a thickness of about 2.5 to 3.0 feet. Foundation loads have not been provided; however, we believe column and wall loads will not exceed 35 kips and 1.0 kip per foot, respectively.

The proposed building site is generally open and grassy, and the ground surface slopes moderately in an easterly direction away from the exiting building. This sloped area appears to be fill. Surface elevations vary approximately 3 feet within the proposed addition limits. A few small trees are present at the south edge of the site. The northeasterly corner of the proposed addition area coincides with an existing storm water basin that we understand will be relocated. The easterly end of the existing building appears to be on approximately 3 feet of fill placed above the former surface grade. We estimate up to about 3 feet of fill will be required on the easterly side of the addition. Less fill will be required moving toward the existing building. Both

underground and overhead utilities are present within the proposed building limits, and the existing air-conditioning system will require relocation.

Site Investigation

On September 20, 2006, GTI investigated the site by performed four (4) Standard Penetration Test borings advanced to depths of 10 feet below the existing surface grade. The borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by GTI based upon your verbal description of the improvement area and proposed addition dimensions. Representative samples of the site soils were collected and returned to our laboratory for visual examination and classification by a geotechnical engineer.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings generally encountered two soil strata. The first layer consists of 8.5 to 10 or more feet of very loose to loose sand (SP), sand with silt or clay (SP/SM, SP/SC) or silty sand (SM). Soil colors are typically tan, gray or white. The N-values of this layer range from less than 1 blow per foot to 8 blows per foot. The second layer consists of an undetermined thickness of very loose to loose, greenish gray or gray and orange, clayey sand (SC). The N-values of this layer are on the order of 6 to 8 blows per foot.

Ground water was not encountered at any boring location at the time of our investigation, and we believe the wet season water table will occur at a depth of more than 10 feet below the existing surface grade. Ground water therefore should not adversely affect site preparation procedures.

For a more detailed description of the subsurface conditions encountered, please refer to the attached borings logs. Note specifically the transition between soil layers is typically gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

Based upon our findings, it is our opinion the site soils are not particularly suitable to provide support for the proposed addition -- they are too loose, and significant settling of the foundations or floor can be expected if adequate site preparation is not performed as detailed in the following paragraphs.

The existing utilities and air-conditioning equipment should be removed or relocated prior to performing any site work. The site should then be stripped of grass, topsoil, trees, roots and other deleterious materials.

Except near the existing building, the existing site soils should be excavated uniformly to a depth of 1 foot below the bottoms of the proposed foundations. We estimate this excavation will extend to a depth of about 1 foot below the lowest portion of the existing surface grade within the limits of the addition. Except near the existing foundations, the lateral limits of excavation should extend a minimum of 3 feet beyond the edges of the proposed foundations. The elevations of the bottoms of the existing foundations should be determined, and no excavation should be performed below a plane surface extending outward from the vertical midpoint of the existing foundations at an angle of 60 degrees from vertical. Except for organic soils or particularly silty or clayey soils that may be present though not encountered in the soil test borings, the existing site soils, we believe, are suitable for reuse and should be stockpiled. Under no circumstances should the existing foundations be undermined.

The over-excavated building area should then be thoroughly proof-rolled using heavy, rubber-tired equipment (a large, loaded front-end loader for example). Proof-rolling helps to compact the subgrade soils and to locate zones of especially loose soil not previously encountered in the soil test borings. Such zones of particularly loose soil should be excavated and replaced; however, this additional excavation need not exceed a depth of 3 feet unless sinkhole or similar conditions are believed to exist. Such conditions should be examined by the geotechnical engineer immediately.

As required, replacement soil should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. This soil should be placed in maximum 12-inch loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Following proof-rolling operations, the subgrade should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet. We recommend compaction be performed using a vibratory drum roller of static weight not exceeding about 3,000 pounds. It is essential the existing building be monitored for movement during all vibratory compaction efforts. If movement is noted, compaction procedures should be temporarily halted, and the engineer should be notified. We will evaluate the site and procedures and provide alternative recommendations as required.

Fill materials to raise the site grade should then be placed as required. Fill should consist of clean, fine sand containing less than 10% passing the No. 200 sieve. We believe the excavated site soils are suitable and may be reused. Fill should be placed in maximum 12-inch, loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Foundation cuts may then be placed in the compacted subgrade soils.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundations excavations to verity the recommended compaction has been achieved.

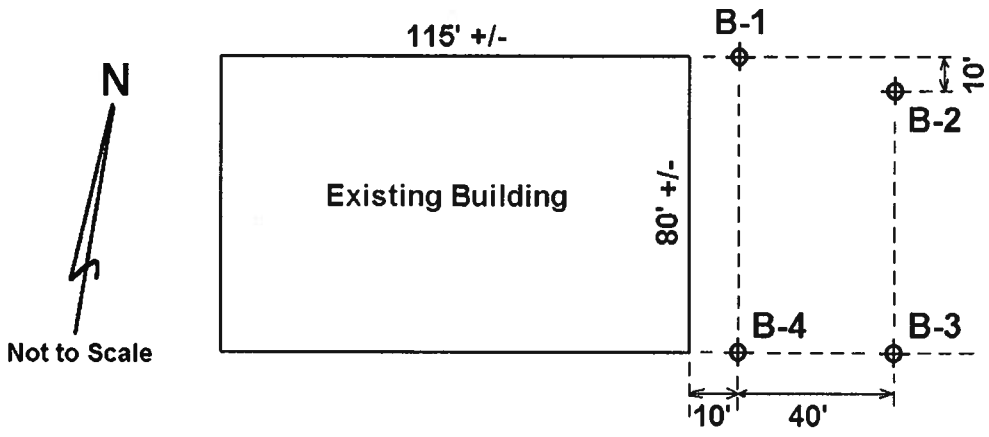
The recommendations provided within this report are intended to provide a reasonably uniform subgrade for which settling of the addition (foundations and floor) should be negligible. In the event site conditions are discovered that you believe compromise this intent, please advise us so that we may provide suitable remedial procedures.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us if you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Geo-Technologies, Inc.

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

9/27/06
52612



Boring Location Plan: Proposed Addition
Dollar General
Fort White, Florida
GTI No.: 061587.04G

Log of Borehole: B-1

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-1 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Description	Density/ Consistency	Depth/Elev.	Standard Penetration Test
0	Ground Surface		0.0	
	SAND TAN SAND (SP)	VERY LOOSE	1.0	3
1	***SAND*** TANNISH GRAY SAND (SP)		1.5	
2	***SAND*** LIGHT GRAY TO WHITE SAND (SP)	LOOSE		5
3				
4				
5		VERY LOOSE		3
6	***SAND*** TANNISH GRAY SAND WITH SILT (SP/SM)		6.0	
7		VERY LOOSE		2
8				
9		VERY LOOSE		3
			9.5	
10	***CLAYEY SAND*** GRAY AND ORANGE CLAYEY SAND (SC)		10.0	
	End of Borehole			
11				

Standard Penetration Test: 10 20 30 40 50 60

Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Log of Borehole: B-2

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-2 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Description	Density/ Consistency	Depth/Elev.	Standard Penetration Test (10 20 30 40 50 60)
0	Ground Surface		0.0	
1	***SAND*** DARK BROWNISH GRAY,SILTY SAND (SM)	LOOSE	1.0	4
2	***SAND*** TANNISH GRAY SAND WITH SILT (SP/SM)		2.5	1
3	***SAND*** LIGHT GRAYISH TAN SAND (SP)	VERY LOOSE		
4				
5		LOOSE		5
6			6.0	
6	***SAND*** LIGHT GRAYISH TAN SAND (SP)			
7		LOOSE		5
8			8.0	
8	***SAND*** GRAY SAND WITH CLAY (SP/SC)			
9		LOOSE		6
10			10.0	
10	End of Borehole			
11				

Sample Type: Split Spoon

Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Log of Borehole: B-3

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-3 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Description	Density/ Consistency	Depth/Elev.	Standard Penetration Test (10 20 30 40 50 60)
0	Ground Surface		0.0	
	SAND DARK TANNISH GRAY,SILTY SAND (SM)		0.5	
1	***SAND*** LIGHT TANNISH GRAY SAND WITH SILT (SP/SM)	VERY LOOSE		0
2			2.0	
	SAND LIGHT GRAY TO WHITE SAND WITH SILT (SP)	VERY LOOSE		2
3			3.5	
4	***SAND*** LIGHT GRAY TO WHITE SAND (SP)	VERY LOOSE		1
5				
6			6.5	
7	***SAND*** LIGHT GRAY AND LIGHT ORANGE SAND, TRACE CLAY (SP)	VERY LOOSE		2
8			8.5	
9	***CLAYEY SAND*** GREENISH GRAY, CLAYEY SAND (SC)	LOOSE		6
10			10.0	
	End of Borehole			
11				

Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Log of Borehole: B-4

Project: DOLLAR GENRAL ADDITION, FORT WHITE, FL.
Project No: 061587.04
Boring Location: B-4 (SEE BORING LOCATION PLAN)
Engineer: JCD
Client: GRAY CONSTRUCTION
Enclosure: SITE PLAN

GEO-TECH, Inc.
Engineering Consultants
4000 SW 35th Terr., Suite C
Gainesville, Florida 32608

Depth (ft)	Description	Density/ Consistency	Depth/Elev.	Standard Penetration Test (10 20 30 40 50 60)
0	Ground Surface		0.0	
1	SAND GRAYISH TAN SAND (SP)	LOOSE		8
2			2.0	
3	SAND TANNISH GRAY SAND (SP)	LOOSE	3.0	8
4	SAND LIGHT TAN SAND (SP)			
5		VERY LOOSE	5.0	3
6	SAND LIGHT GRAY TO WHITE SAND (SP)			
7		VERY LOOSE		3
8				
9		LOOSE		8
10			10.0	
11	End of Borehole			

Ground Water Depth: NOT FOUND
Drill Date: SEPTEMBER 20,2006

Drilled By: KL/AF
Drill Method: ASTM D-1586

Remarks: (SP) Unified Soil Group Classification Symbol as Determined by Visual Review

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 116 NW 16 Ave
City Gville Phone 376-2661

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 25056
Address 17255 US 27 Ft. White

Product used	Active Ingredient	% Concentration
☑ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Add to Dirbe Gravel	3920		200

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

11-6-06 Date | 12:15 Time | Guy Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

25056

CONSTRUCTION GRAY SERVICES, INC.

FAX COVER SHEET

DATE *January 10, 2007*

TO *Gail*

@ *Columbia County*

FAX # 386-~~352~~-758-2160

Office
222 West Wade Street, Trenton, FL 32693
PH: (352) 463-3939 FX: (352) 463-8098

RE: **Notice of Commencement for Dollar General-Ft. White (WRIGLEY FIELDS PROJECT)**

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 5

Description of property to be improved: 7255 SW US Hwy 27
Ft.White, Fla. 32038

Legal description attached

General description of improvements: addition to existing comm.building

Owner Information: T.R.C. Properties,INC
P.O. Box 443
Trenton, Fla.32693

Contractor: Gray Construction Services, Inc.
222 W. Wade Street
Trenton, Fla.32693

Surety on payment bond:

Name: N/A
Address: N/A

Name of any Lender making a loan for the construction of the improvements:

Name:
Address: PERKINS STATE BANK
P.O. DRAWER 788
WILLISTON, FL 32696

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:
Name: N/A
Address: N/A

In addition to himself, owner designates the following person to receive a copy of the lienor's notice as provided in section 713.13(1)(b), Florida Statutes:

Name: Attn. Carol S. Roberts/ Loan Admin. Dept.
Address: PERKINS STATE BANK
P.O. DRAWER 788
WILLISTON, FL 32696

This Notice of Commencement shall expire: 1 year from date

Owners: T.R.C.Properties,Inc.
Barry R. Rowland
Barry R. Rowland / President

STATE OF FLORIDA
COUNTY OF LEVY

The foregoing instrument was acknowledged before me this 18TH day of October,2006 by Barry R. Rowland, as President of T.R.C. Properties, Inc. who (CHECK ONE): ** is personally known to me OR ___ produced _____ as identification.(Type of Identification)

Melinda J. Davis
SIGNATURE OF NOTARY

(Affix Notary Stamp/Seal)

Typed name:
Commission Expiration:

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: Bonnie Davis
Deputy Clerk
Date 10-24-2006

Notary Public State of Florida
Melinda J Davis
My Commission DD579296
Expires: 10/05/2010

Return to:
Gilchrist Title Services
P. O. Drawer 1357
Trenton, FL. 32693

This instrument prepared by:
Carol S. Roberts, Staff
Perkins State Bank
P.O. Drawer 788
Williston,Fla. 32696
Parcel Account #:04059-302-00
File #2006-2608

Inst:2006025153 Date:10/24/2006 Time:12:05
DC,P.DeWitt Cason,Columbia County B:1099 P:2446

NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby gives notice that improvements 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.

Description of property

Parcel B: Commence at the Northwest Corner of the Southwest Quarter, Section 34, Township 6 South, Range 16 East, Columbia County, Florida, and run thence South 3 degrees 16 minutes 33 seconds West, along the West line of said Section 34, 644.92 feet to the Easterly right of way line of State Road No. 20 (U.S. Highway 27), thence South 10 degrees 27 minutes 44 seconds East, along said East Right of Way line, 188.46 feet to the Point of Beginning, thence continue South 10 degrees 26 minutes 44 seconds East, along said Easterly right of way line, 39.05 feet to the P.C. of a curve, thence Southerly along said curve concave to the left having a radius of 2804.79 feet along a chord bearing South 13 degrees 01 minutes 14 seconds East 274.34 feet, thence North 76 degrees 45 minutes 30 seconds East, 387.33 feet, thence North 19 degrees 19 minutes 48 seconds West, 38.00 feet, thence North 10 degrees 50 minutes 18 seconds East, 246.64 feet, thence South 79 degrees 32 minutes 16 seconds West, 481.65 feet to the Point of Beginning. Also known as Lot B, Fort White Square, a subdivision as recorded in Plat Book 5, page 138, public records of Columbia County, Florida.

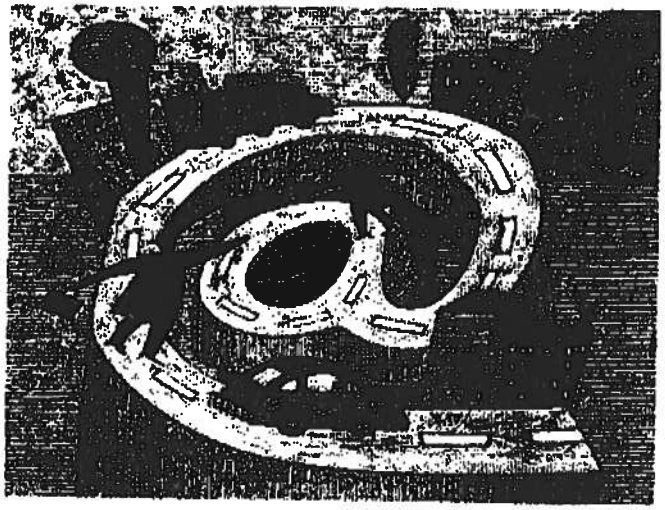
Inst:2006025153 Date:10/24/2006 Time:12:05
DC,P.Dewitt Cason,Columbia County B:1099 P:2447

ATTACHED TO NOTICE OF COMMENCEMENT
DATED 10-18-06
LEGAL DESCRIPTION FOR T.R.C. PROPERTIES,INC.

25056 0405.9-302

FLORIDA DEPARTMENT OF TRANSPORTATION

LAKE CITY MAINTENANCE
PHONE (386) 961-7180
FAX (386) 961-7183



FACISIMILE TRANSMITTAL

DATE: 9-19-2006

TO: Mr. J Kerce

ATTN: Buildins & Zoning Dept.

FROM: F.D.O.T Dale Crary Inspector

SUBJECT: Ex DLW passing inspection
Ft. White Dollar General Store.

COMMENTS: Please call if any question

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building & Zoning Dept. **Fax No: 386-758-2160**	**From:** Dale L. Cray, FDOT Permits Insp. **Date: 9-19-2006 Fax No. 386-961-7183** **Attention:**

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

REF: Existing Comm. D/W / Inspected On:9-18-2006
PROJECT: FT. WHITE DOLLAR GENERAL STORE/ Existing: Res. Access S.R.27 (S)
PARCEL ID No: PERMIT# N/A SEC#29050
MILE POST N/A +- Engineer: N/A

Mr. Kerce:

Please accept this as our legal notice of final passing inspection for an existing commercial driveway for **Ft White Dollar General Store** 7255 US HWY 27 FT. White, Fl. 32038.

This access has been inspected and the connection is acceptable and meets FDOT ACCESS Standard Requirements. This store is adding 3900 sf and increasing the trips, but it still will be a class B commercial access.

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 961-7146.

Sincerely,

Dale L. Cray
Access Permits Inspector

TEMPORARY

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 34-6S-16-04059-302 **Building permit No.** 000025056

Use Classification CD, ADDITION **Fire:** 0.00

Permit Holder GARY CONSTRUCTION SERVICES **Waste:**

Owner of Building TRC PROPERTIES, INC **Total:** 0.00

Location: 7255 US HIGHWAY 27, FT. WHITE, FL

Date: 03/02/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

BUILDING CRITERIA

Width (ft)	=	80.0
Length (ft)	=	49.0
Eave Height (ft)	=	14.0/14.0
Roof Slope (Rise/12)	=	1.0/ 1.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	0.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Wind Speed (mph)	=	110.0
Wind Code	=	FBC 04
Exposure	=	B
Closed/Open/Partial	=	C
Importance – Wind	=	1.00
Importance – Seismic	=	1.00
Seismic Zone	=	A
Seismic Coeff (Fa*Ss)	=	0.22

NOTES TO ERECTOR/OWNER:

[1] "SBS" IS NOT RESPONSIBLE FOR THE ERECTION OF THE BUILDING, THE SUPPLY OF ANY TOOLS OR EQUIPMENT, OR ANY OTHER FIELD WORK UNLESS "SBS" HAS BEEN CONTRACTED FOR THESE. "SBS" DOES NOT PROVIDE ANY FIELD SUPERVISION FOR THE ERECTION OF THE BUILDING, NOR DOES "SBS" PERFORM ANY INSPECTIONS DURING OR AFTER ERECTION.

[2] USE ONLY THE ERECTION DRAWINGS PROVIDED BY "SBS" AND INCLUDED IN THE ERECTOR'S PACKAGE DELIVERED BY THE TRUCK DRIVER WITH THE BUILDING. "SBS" IS NOT LIABLE FOR ANY CLAIM RESULTING FROM THE USE OF OTHER DRAWINGS.

[3] CHECK SLAB AND ANCHOR BOLT PLACEMENTS BEFORE STANDING ANY FRAMING. IF THE SLAB IS NOT SIZED CORRECTLY OR IS OUT OF SQUARE, OR IF THE ANCHOR BOLTS ARE NOT CORRECTLY LOCATED, CALL "SBS". "SBS" IS NOT LIABLE FOR LABOR CHARGES RESULTING FROM STANDING FRAMING ON AN INCORRECT SLAB.

[4] BEGIN ERECTION WITH A BRACED BAY. INSTALL THE EAVE STRUTS FIRST AND THEN THE PURLINS WHICH FALL AT THE CABLE ATTACHMENT POINTS. NEXT, INSTALL ROOF AND WALL CABLES TO A SNUG CONDITION, SO THAT THE FRAMING IS BRACED. FINISH INSTALLING PURLINS AND GIRTS IN THE BRACED BAY. USING THE THE CABLE BRACING, SQUARE AND PLUMB THE FRAMING. CONTINUE WITH REMAINING BAYS, INSTALLING BRACING AS ADDITIONAL BRACED BAYS ARE ERECTED.

[5] THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OF REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM. CONTACT "SBS" BEFORE MAKING ANY FIELD MODIFICATION TO THE BUILDING. "SBS" DOES NOT PAY CLAIMS FOR ERROR CORRECTION UNLESS APPROVED IN WRITING BY "SBS" BEFOREHAND.

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

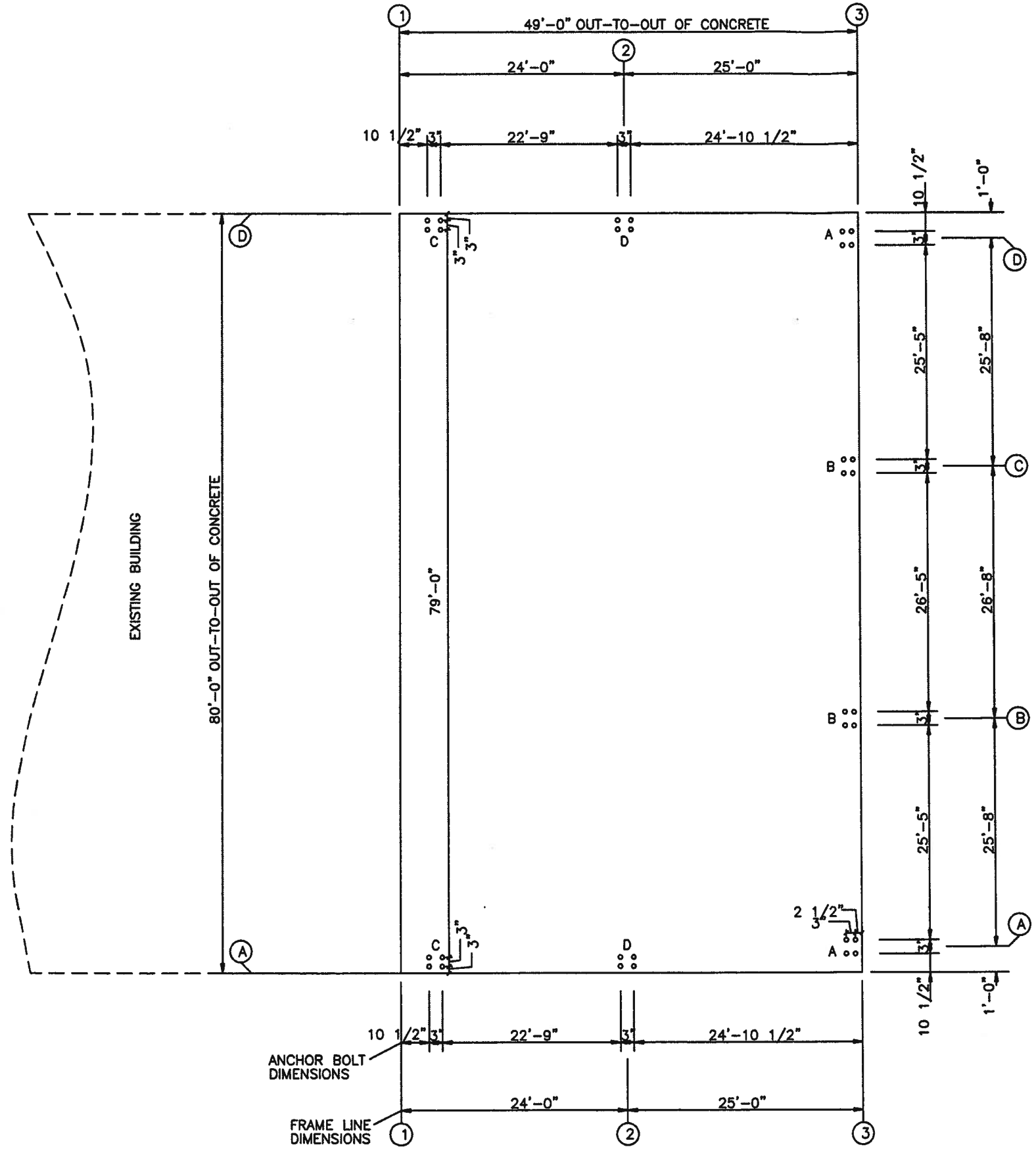
REVISIONS
[1]
[2]
[3]
[4]
[5]

FOR:
TRC PROPERTIES
DOLLAR GENERAL PROJECT
2012 N. YOUNG BLVD.
CHIEFLAND, FLORIDA 32628
LOCATION: FORT WHITE, FLORIDA

FROM:
STEEL BUILDING SYSTEMS, INC.
320 STEVENS LANE - P.O. BOX 447
ADEL, GEORGIA 31620
PH(229)896-7428 FAX(229)896-2881

JOB NO : 06-05-133
DATE : 6/ 6/06
BY : CFR
SCALE : NONE
TITLE : COVER PAGE
NUMBER : PAGE 0

O DIA= 3/4"



ANCHOR BOLT PLAN

NOTE: All Base Plates @ 100'-0" (Unless Noted)

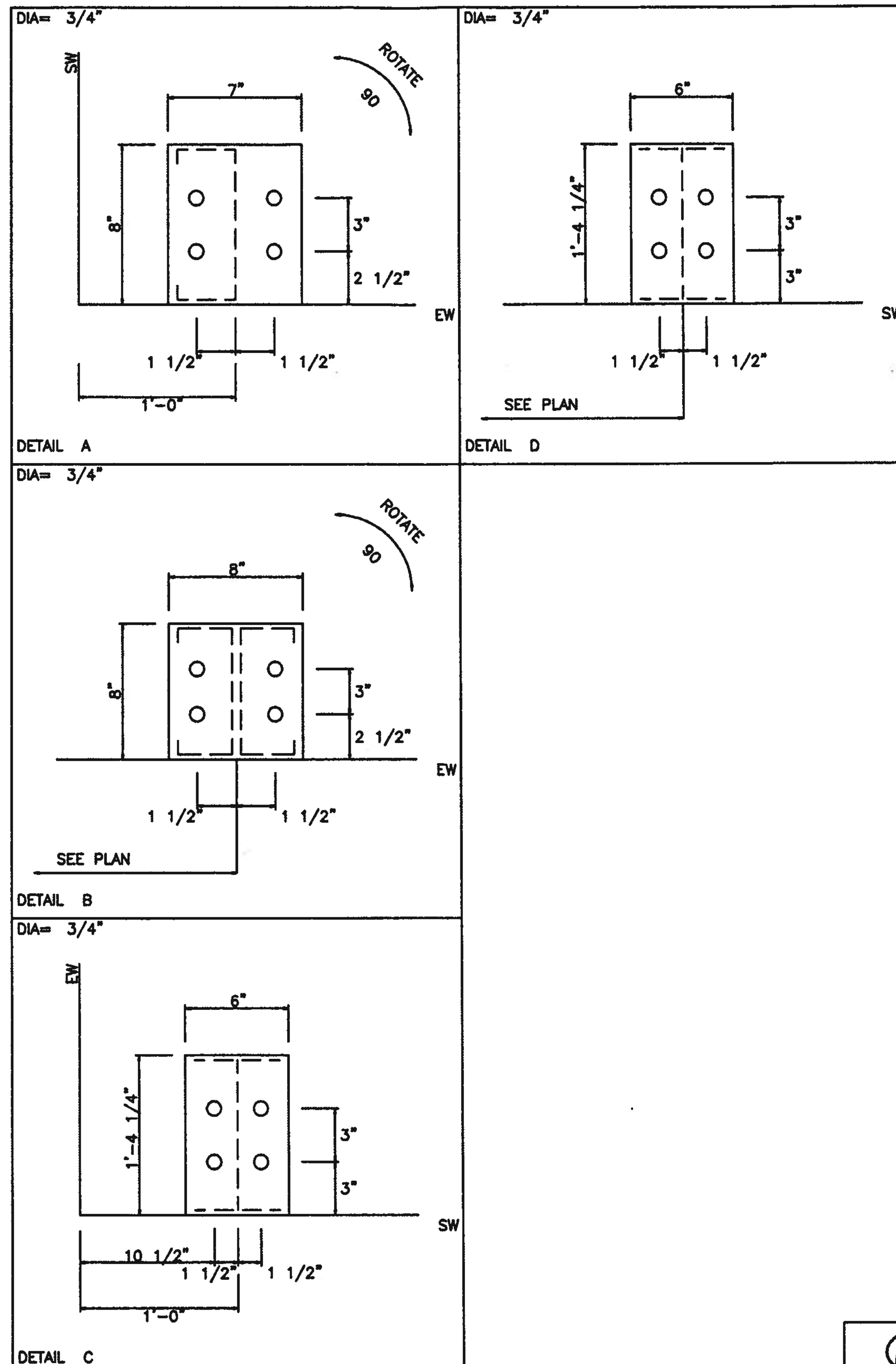
GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS	CUSTOMER: TRC PROPERTIES		
	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: ANCHOR BOLT LAYOUT		SCALE: NONE
[3]	DRAWING NO: PAGE 1	DRAWN BY: CFR	CHECKED BY: HEP



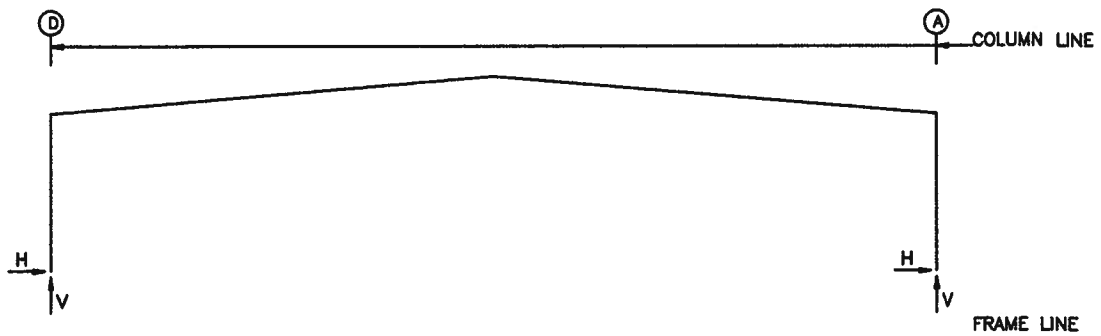
GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS		
[1]	CUSTOMER: TRC PROPERTIES	
	JOB NO: 06-05-133	DATE: 6/ 6/06
[2]	LOCATION: FT. WHITE, FL	
	DRAWING NAME: ANCHOR BOLT DETAILS	SCALE: NONE
[3]	DRAWING NO: PAGE 1.1	DRAWN BY: CFR / CHECKED BY: HEF



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Anc. No	Bolt D(in)	Base Wid	Plate Len	Plate Thk	Grout (in)
		Column Reactions (k)											
1	D	1	14.1	15.4	2	−15.1	−15.9	4	0.750	6.000	16.25	0.500	0.0
					4	−10.5	−18.9						
1	A	3	15.1	−15.9	1	−14.1	15.4	4	0.750	6.000	16.25	0.500	0.0
		1	−14.1	15.4	5	10.5	−18.9						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Anc. No	Bolt D(in)	Base Wid	Plate Len	Plate Thk	Grout (in)
		Column Reactions (k)											
2	D	1	13.7	14.9	2	−14.6	−15.3	4	0.750	6.000	16.25	0.500	0.0
					4	−10.1	−18.4						
2	A	3	14.6	−15.3	1	−13.7	14.9	4	0.750	6.000	16.25	0.500	0.0
		1	−13.7	14.9	5	10.1	−18.4						

NOTES FOR REACTIONS

1. All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
2. Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
4. Building reactions are based on the following building data:

Width (ft)	= 80.0
Length (ft)	= 49.0
Eave Height (ft)	= 14.0/14.0
Roof Slope (Rise/12)	= 1.0/ 1.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 0.0
Roof Live Load (psf)	= 20.0
Frame Live Load (psf)	= 12.0
Wind Speed (mph)	= 110.0
Wind Code	= FBC 04
Exposure	= B
Closed/Open/Partial	= C
Importance − Wind	= 1.00
Importance − Seismic	= 1.00
Seismic Zone	= A
Seismic Coeff (Fa*Ss)	= 0.22

5. Loading conditions are:
   1 DL+CL+LL
   2 DL+1.30WL1
   3 DL+1.30WR1
   4 DL+1.30LnWndL
   5 DL+1.30LnWndR
   6 DL+1.30WL1+1.30WS
   7 DL+1.30WP+1.30LnWndL
   8 DL+1.30WR1+1.30WS

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Collateral Horiz	Collateral Vert	Live Horiz	Live Vert	Wind_L1 Horiz	Wind_L1 Vert	Wind_R1 Horiz	Wind_R1 Vert	Wind_L2 Horiz	Wind_L2 Vert
1	D	2.68	3.25	0.00	0.00	11.45	12.16	−13.70	−14.73	−9.23	−11.03	−8.68	−8.00
1	A	−2.68	3.25	0.00	0.00	−11.45	12.16	9.23	−11.03	13.69	−14.73	4.21	−4.30
2	D	2.62	3.18	0.00	0.00	11.08	11.76	−13.25	−14.24	−8.93	−10.67	−8.39	−7.74
2	A	−2.62	3.18	0.00	0.00	−11.08	11.76	8.93	−10.67	13.25	−14.24	4.07	−4.16

Frame Line	Column Line	Wind_R2 Horiz	Wind_R2 Vert	Seismic_L Horiz	Seismic_L Vert	Seismic_R Horiz	Seismic_R Vert	LnWind_L Horiz	LnWind_L Vert	LnWind_R Horiz	LnWind_R Vert	LnSeis Horiz	LnSeis Vert
1	D	−4.21	−4.30	−0.22	−0.07	0.22	0.07	−10.11	−17.06	−10.61	−14.21	0.00	−0.30
1	A	8.68	−8.00	−0.22	0.07	0.22	−0.07	10.61	−14.21	10.11	−17.06	0.00	−0.30
2	D	−4.07	−4.16	−0.19	−0.06	0.19	0.06	−9.78	−16.58	−10.26	−13.83	0.00	−0.30
2	A	8.39	−7.74	−0.19	0.06	0.19	−0.06	10.26	−13.83	9.78	−16.58	0.00	−0.30

ENDWALL COLUMN: REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Dead Vert	Coll Vert	Live Vert	Wind−Left Horiz	Wind−Left Vert	Wind−Right Horiz	Wind−Right Vert	Out−Of−Plane Wd P Horiz	Out−Of−Plane Wd S Horiz	Anc. No	Bolt D(in)	Base Wid	Plate Len	Plate Thk	Grout (in)
		Column_Reactions (k)														
3	A	0.5	0.0	2.5	0.0	−3.0	0.0	−1.8	0.0	0.0	4	0.750	7.000	8.000	0.250	0.0
3	B	1.3	0.0	6.4	0.0	−7.0	0.0	−4.3	−3.2	3.4	4	0.750	8.000	8.000	0.250	0.0
3	C	1.3	0.0	6.4	0.0	−4.3	0.0	−7.0	−3.2	3.4	4	0.750	8.000	8.000	0.250	0.0
3	D	0.5	0.0	2.5	0.0	−1.8	0.0	−3.0	0.0	0.0	4	0.750	7.000	8.000	0.250	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	Anc. No	Bolt D(in)	Base Wid	Plate Len	Plate Thk	Grout (in)
		Column Reactions (k)											
3	A	6	0.0	−3.4	6	0.0	−3.4	4	0.750	7.000	8.000	0.250	0.0
		1	0.0	3.1									
3	B	6	4.5	−7.8	7	−4.1	−6.3	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	7.7	6	4.5	−7.8						
3	C	8	4.5	−7.8	7	−4.1	−6.3	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	7.7	8	4.5	−7.8						
3	D	8	0.0	−3.4	8	0.0	−3.4	4	0.750	7.000	8.000	0.250	0.0
		1	0.0	3.1									

BRACING REACTIONS, PANEL SHEAR

Wall Loc	Wall Line	Col Line	± Reactions (k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft)
L_EW	1	Rigid Frame At Endwall					
F_SW	A	1 ,2	4.4	2.4	0.6	0.3	27
R_EW	3						
B_SW	D	2 ,1	4.4	2.4	0.6	0.3	

ANCHOR BOLT SUMMARY

Qty	Loc	Dia (in)	Projection (in)
O 16	EW	3/4"	1.50
O 16	RF	3/4"	2.50

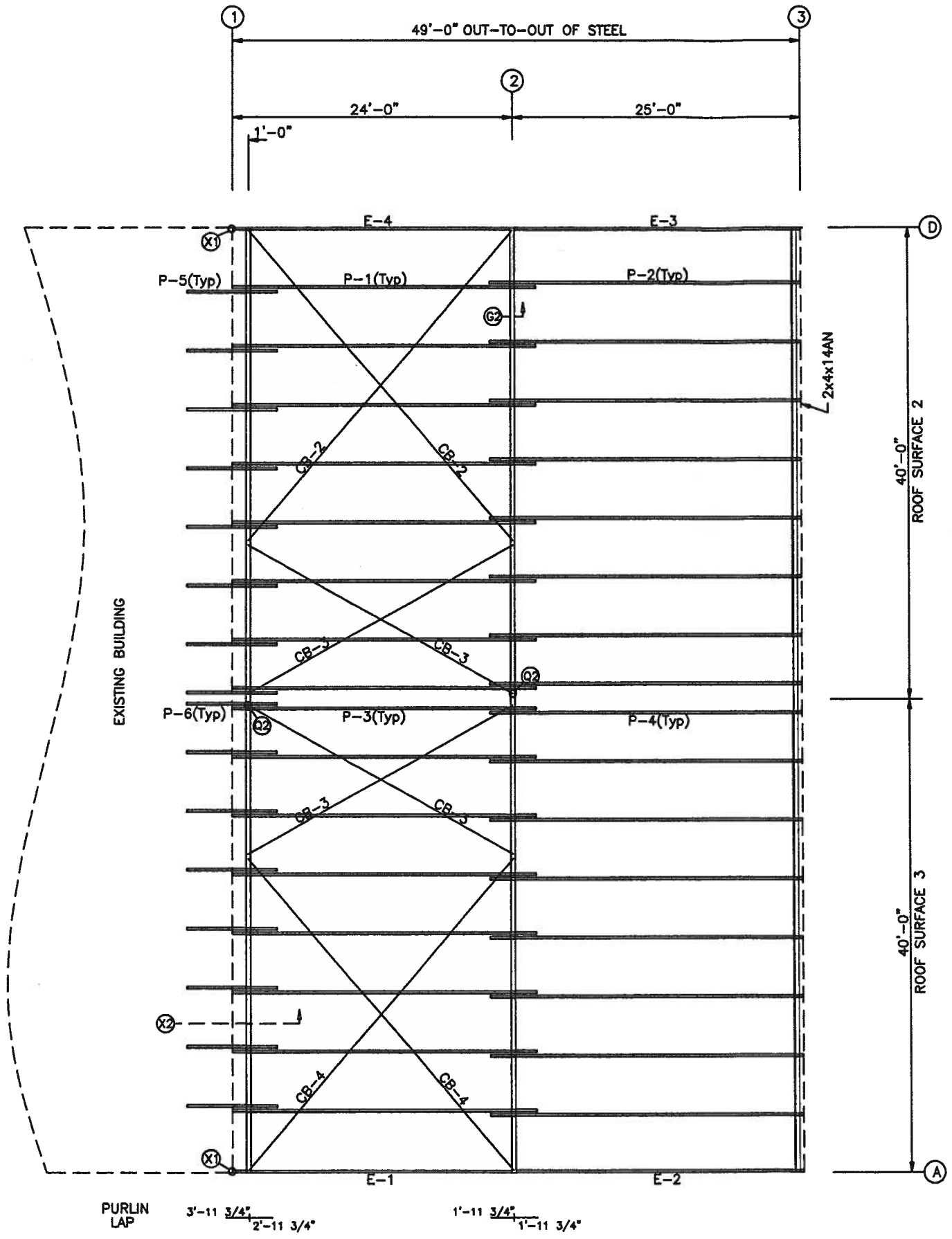
GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

	CUSTOMER: TRC PROPERTIES	
REVISIONS	JOB NO: 06−05−133	DATE: 6/ 6/06
[1]	LOCATION: FT. WHITE, FL	
[2]	DRAWING NAME: ANCHOR BOLT REACTIONS	SCALE: NONE
[3]	DRAWING NO: PAGE 1 2	DRAWN BY: CFR / CHECKED BY: HFF



ROOF FRAMING PLAN

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	8x25Z14	25'-11 1/2"
P-2	8x25Z12	26'-11 1/2"
P-3	8x25Z14	25'-11 1/2"
P-4	8x25Z12	26'-11 1/2"
P-5	8x25Z14	6'-11 1/2"
P-6	8x25Z14	6'-11 1/2"
E-1	8ES14@1	23'-11 1/2"
E-2	8ES14@1	24'-11 1/2"
E-3	8ES14@1	24'-11 1/2"
E-4	8ES14@1	23'-11 1/2"
CB-2	5/16 CBL	33'-6 9/16"
CB-3	1/4 CBL	26'-1 7/16"
CB-4	5/16 CBL	33'-6 1/2"

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6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

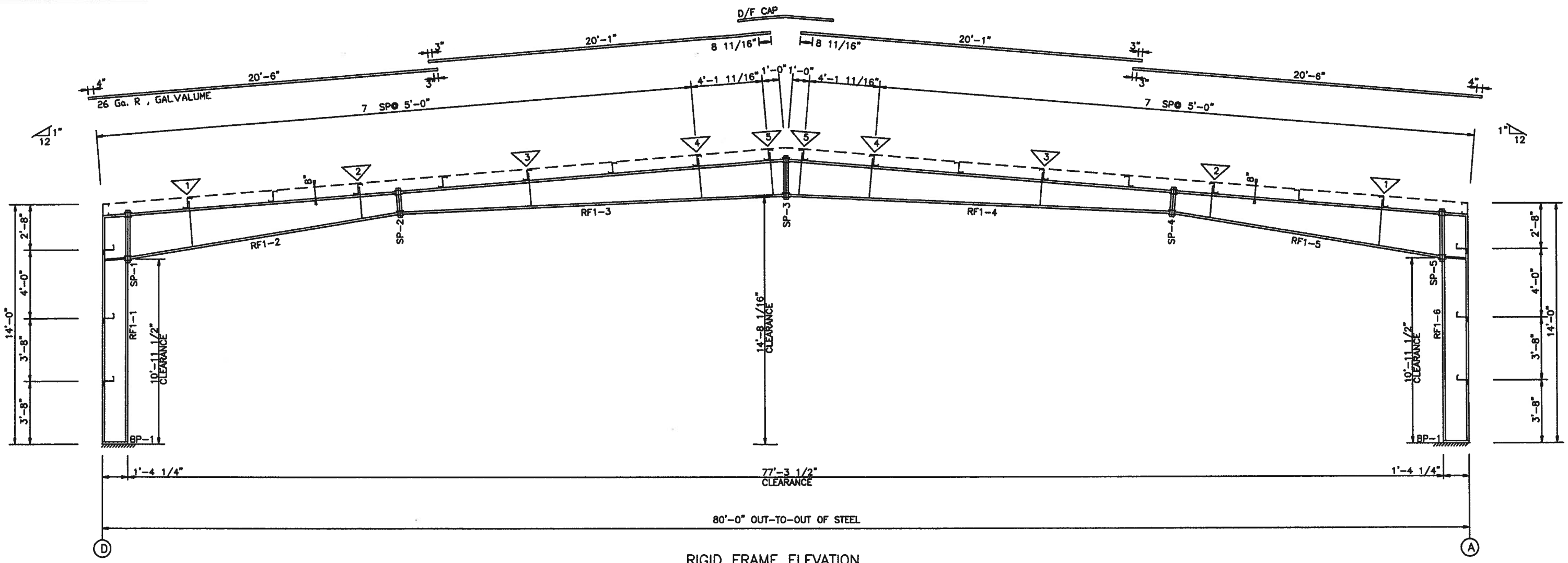
REVISIONS			
	CUSTOMER: TRC PROPERTIES		
[1]	JOB NO: 06-05-133	DATE: 6/ 6/06	
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: ROOF FRAMING LAYOUT		SCALE: NONE
	DRAWING NO: PAGE 2	DRAWN BY: CFR	CHECKED BY:

FLANGE BRACE TABLE FRAME LINE 1			
▽ ID	# SIDES	MARK	LENGTH
1	1	FB5	3'-0 1/2"
2	1	FB1	2'-6 3/16"
3	1	FB2	2'-6 7/8"
4	1	FB3	2'-9 9/16"
5	1	FB4	2'-10 13/16"

SPLICE BOLTS						
SPLICE MARK	QUAN TOP/BOT/INT			-----BOLT----- TYPE	DIA	LEN
SP- 1	4	4	0	A325	3/4"	2 1/2"
SP- 2	4	4	0	A325	5/8"	2"
SP- 3	4	4	0	A325	5/8"	2 1/2"
SP- 4	4	4	0	A325	5/8"	2"
SP- 5	4	4	0	A325	3/4"	2 1/2"

BASE PLATES			
COL ID	PLATE SIZE WID	THICK	Length
BP- 1	6"	1/2"	1'-4 1/4"

MEMBER SIZE TABLE				
PIECE	WEB DEPTH START/END	WEB PLATE THICK	LENGTH	OUTSIDE FLANGE W x T x LEN	INSIDE FLANGE W x T x LEN
RF1-1	15.0/15.0	0.134	10'-7"	6x1/2" x13'-3"	6x3/4" x10'-7"
	15.0/15.0	0.250	2'-9 1/4"	6x1/2" x1'-3 1/2"	
RF1-2	29.0/13.0	0.188	16'-1"	6x1/4" x15'-10 9/16"	6x5/16"x6'-1 3/16"
					6x1/4" x10'-0 3/8"
RF1-3	13.0/21.8	0.134	19'-11"	6x1/4" x19'-0"	6x1/4" x19'-0"
	21.8/23.0	0.134	2'-9 7/16"	6x1/4" x3'-8 7/16"	6x1/4" x3'-6 11/16"
RF1-4	23.0/21.8	0.134	2'-9 13/16"	6x1/4" x3'-8 13/16"	6x1/4" x3'-7"
	21.8/13.0	0.134	19'-11"	6x1/4" x19'-0"	6x1/4" x19'-0"
RF1-5	13.0/29.0	0.188	16'-0 5/8"	6x1/4" x15'-10 3/16"	6x1/4" x10'-0 3/8"
					6x5/16"x6'-0 7/8"
RF1-6	15.0/15.0	0.250	2'-9 1/4"	6x1/2" x1'-3 1/2"	6x3/4" x10'-7"
	15.0/15.0	0.134	10'-7"	6x1/2" x13'-3"	



RIGID FRAME ELEVATION
FOR FRAME LINE 1

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P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

CUSTOMER: TRC PROPERTIES

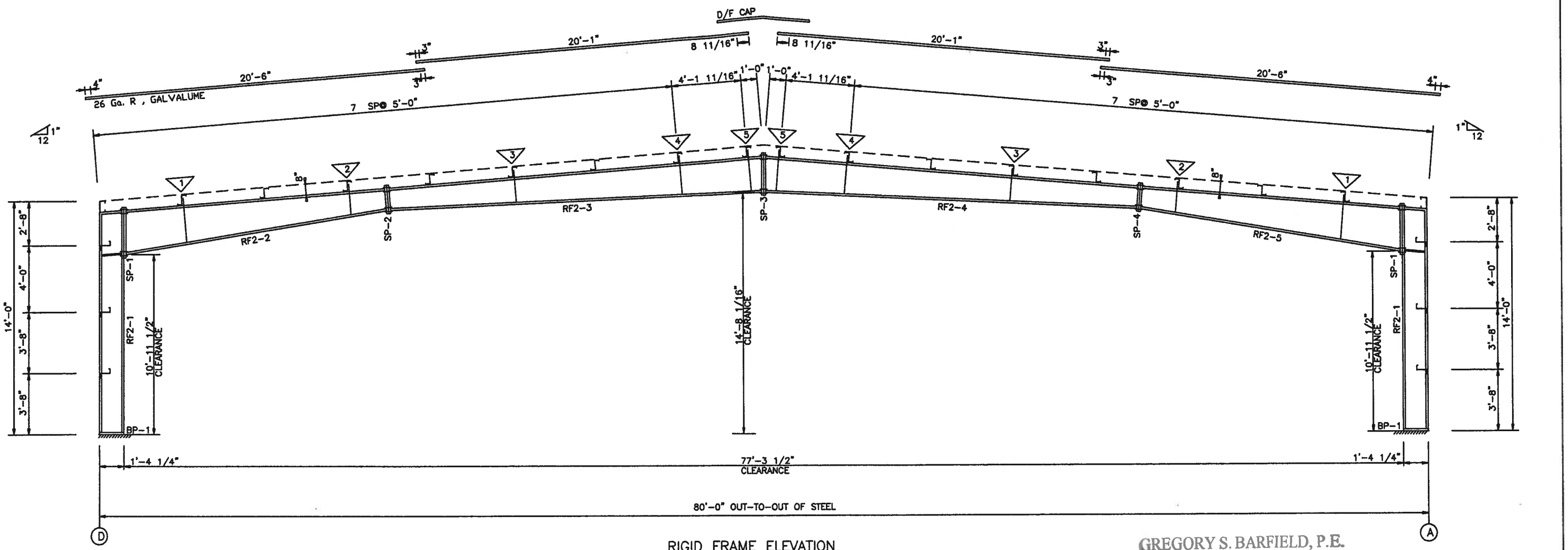
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06
[1]	LOCATION: FT. WHITE, FL	
[2]	DRAWING NAME: RIGID FRAME CROSS SECTION	SCALE: NONE
[3]	DRAWING NO: PAGE 2.1	DRAWN BY: CER / CHECKED BY:

FLANGE BRACE TABLE FRAME LINE 2			
▽ ID	# SIDES	MARK	LENGTH
1	2	FB5	3'-0 1/2"
2	2	FB1	2'-6 3/16"
3	2	FB2	2'-6 7/8"
4	2	FB3	2'-9 9/16"
5	2	FB4	2'-10 13/16"

SPLICE BOLTS						
SPLICE MARK	QUAN TOP	QUAN BOT	QUAN INT	BOLT TYPE	BOLT DIA	BOLT LEN
SP- 1	4	4	0	A325	7/8"	3"
SP- 2	4	4	0	A325	5/8"	2"
SP- 3	4	4	0	A325	5/8"	2 1/2"
SP- 4	4	4	0	A325	5/8"	2"

BASE PLATES			
COL ID	PLATE SIZE WID	THICK	Length
BP- 1	6"	1/2"	1'-4 1/4"

MEMBER SIZE TABLE					
PIECE	WEB DEPTH START/END	WEB PLATE THICK	WEB PLATE LENGTH	OUTSIDE FLANGE W x T x LEN	INSIDE FLANGE W x T x LEN
RF2-1	15.0/15.0	0.134	10'-7"	6x1/2" x13'-3"	6x3/4" x10'-7"
	15.0/15.0	0.250	2'-9 1/4"	6x1/2" x1'-3 1/2"	
RF2-2	29.0/13.0	0.188	16'-1"	6x1/4" x15'-10 9/16"	6x5/16"x6'-1 3/16"
					6x1/4" x10'-0 3/8"
RF2-3	13.0/21.8	0.134	19'-11"	6x1/4" x19'-0"	6x1/4" x19'-0"
	21.8/23.0	0.134	2'-9 7/16"	6x1/4" x3'-8 7/16"	6x1/4" x3'-6 11/16"
RF2-4	23.0/21.8	0.134	2'-9 13/16"	6x1/4" x3'-8 13/16"	6x1/4" x3'-7"
	21.8/13.0	0.134	19'-11"	6x1/4" x19'-0"	6x1/4" x19'-0"
RF2-5	13.0/29.0	0.188	16'-0 5/8"	6x1/4" x15'-10 3/16"	6x1/4" x10'-0 3/8"
					6x5/16"x6'-0 7/8"



RIGID FRAME ELEVATION
FOR FRAME LINE 2

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2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

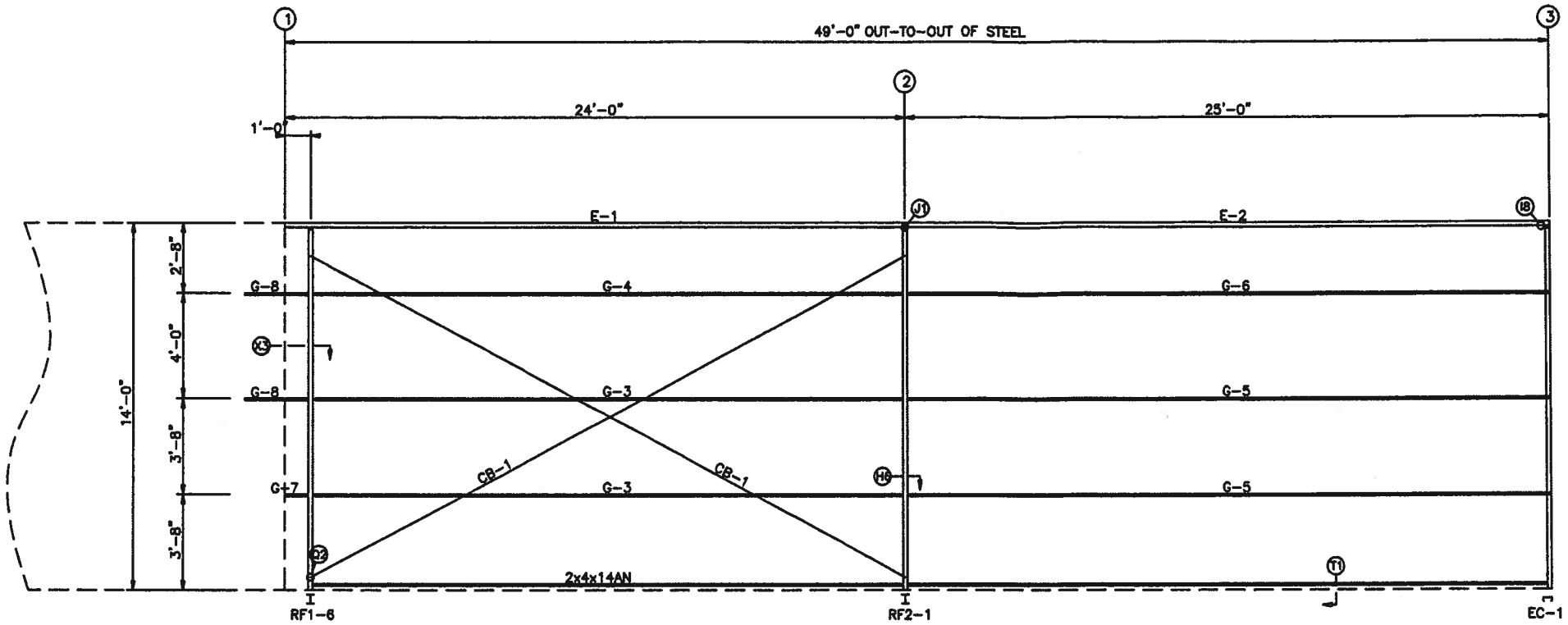
STRUCTURAL STAMP

6-13-06

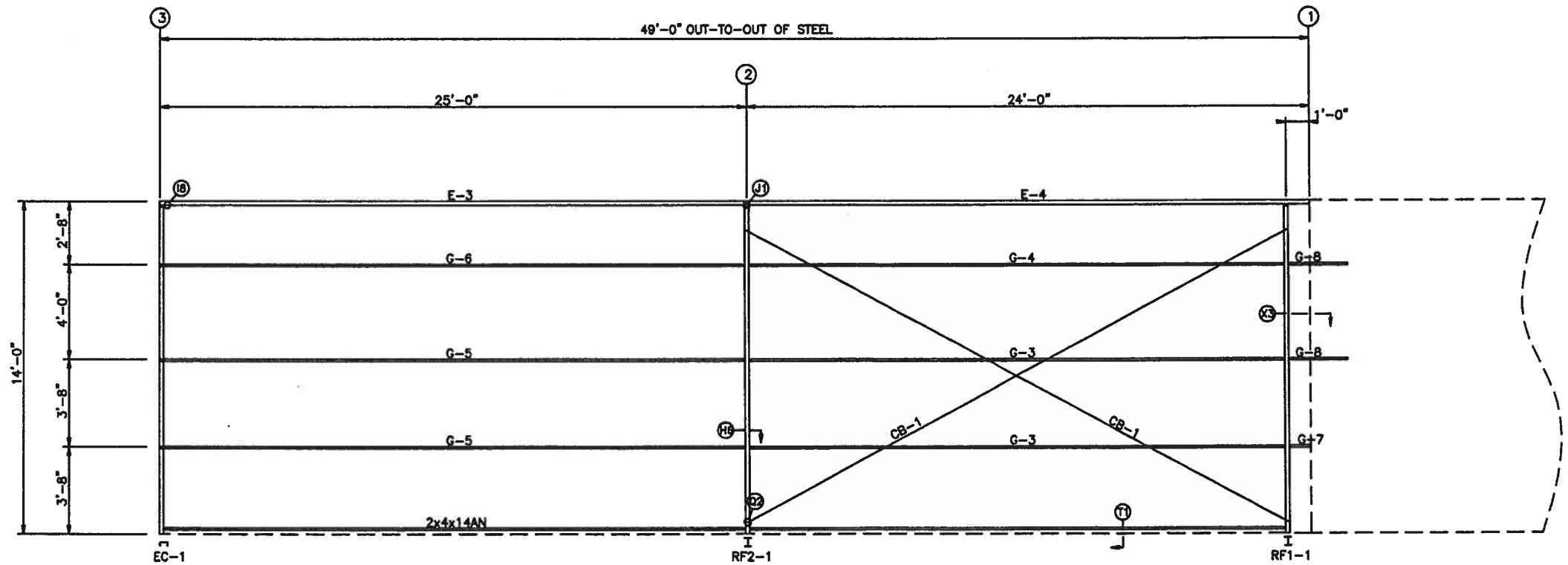
SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS	CUSTOMER: TRC PROPERTIES		
[1]	JOB NO: 06-05-133	DATE: 6/ 6/06	
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: RIGID FRAME CROSS SECTION		SCALE: NONE
	DRAWING NO: PAGE 2.2	DRAWN BY: CFR	CHECKED BY:

MEMBER TABLE FRAME LINE A & D		
MARK	PART	LENGTH
E-1	8ES14@1	23'-11 1/2"
E-2	8ES14@1	24'-11 1/2"
E-3	8ES14@1	24'-11 1/2"
E-4	8ES14@1	23'-11 1/2"
G-3	8x25Z14	22'-3 1/2"
G-4	8x25Z16	22'-3 1/2"
G-5	8x25Z12	24'-7 1/2"
G-6	8x25Z14	24'-7 1/2"
G-7	8x25Z16	0'-7 1/2"
G-8	8x25Z12	3'-7 1/2"
CB-1	5/16 CBL	26'-0 11/16"



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE D

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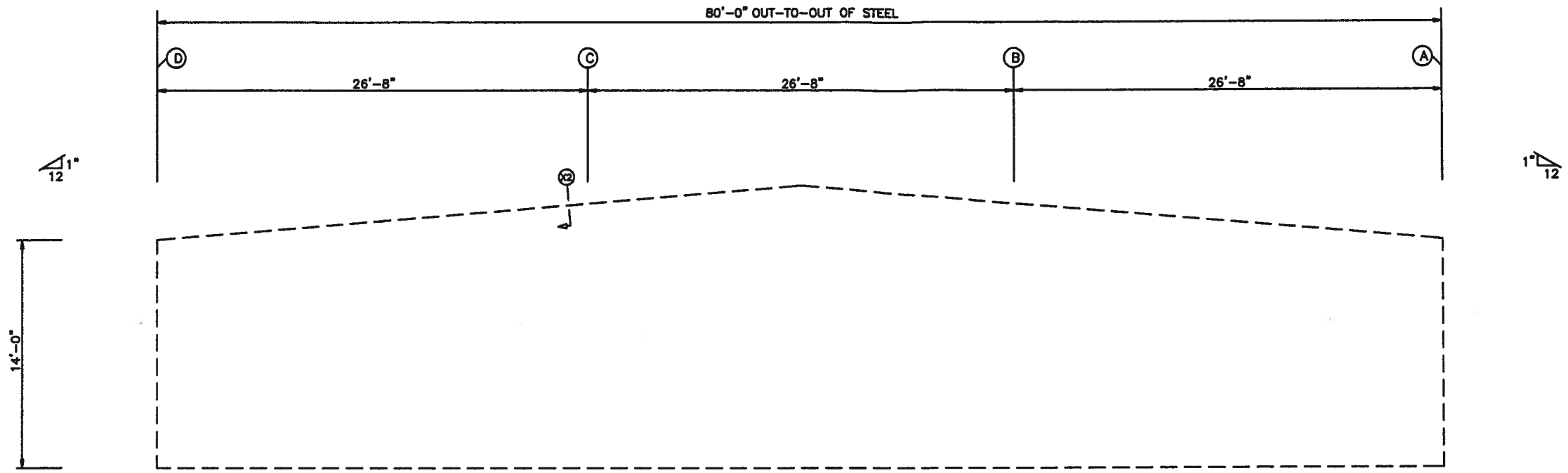
6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

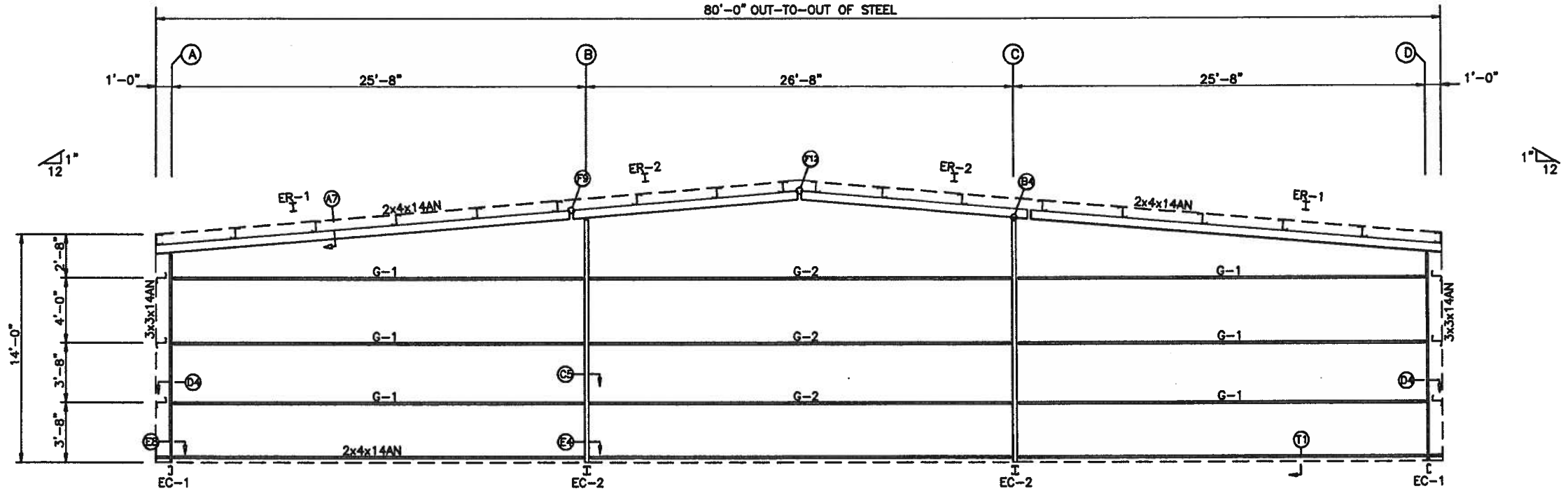
	CUSTOMER: TRC PROPERTIES		
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: SIDEWALL FRAMING LAYOUT		SCALE: NONE
[3]	DRAWING NO: PAGE 3	DRAWN BY: CFR	CHECKED BY:

BOLT TABLE FRAME LINE 1 & 3				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2 1/2"
ER-2/ER-2	8	A325	5/8"	2 1/2"
Columns	2	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE 1 & 3		
MARK	PART	LENGTH
EC-1	8X35C14	12'-5 15/16"
EC-2	8X7DC12	14'-7 5/8"
ER-1	B8X16	25'-10 1/8"
ER-2	B8X16	14'-3 7/8"
G-1	8x25Z12	25'-3 1/2"
G-2	8x25Z12	25'-11 1/2"



ENDWALL FRAMING: FRAME LINE 1



ENDWALL FRAMING: FRAME LINE 3

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ADEL, GA 31620
P E # 54419

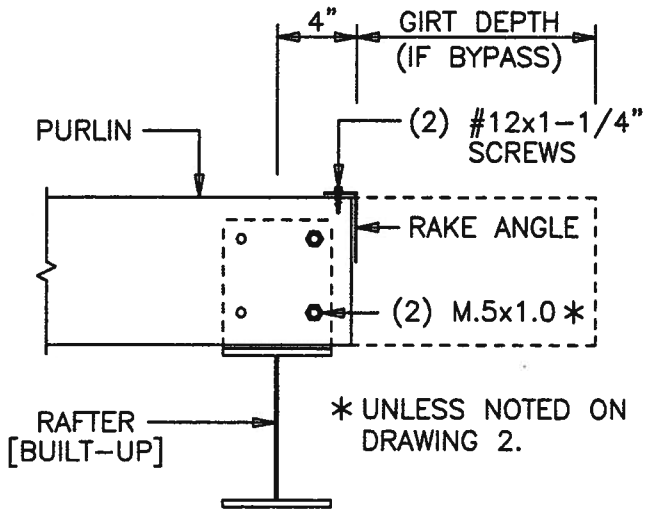
STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

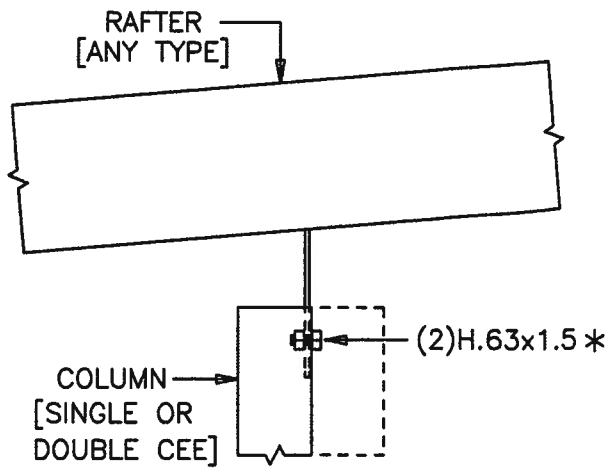
CUSTOMER: TRC PROPERTIES		
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06
[1]	LOCATION: FT. WHITE, FL	
[2]	DRAWING NAME: ENDWALL FRAMING LAYOUT	SCALE: NONE
[3]	DRAWING NO: PAGE 4 / DRAWN BY: CFR	CHECKED BY:

DETAIL A7



PURLIN TO ENDWALL RAFTER

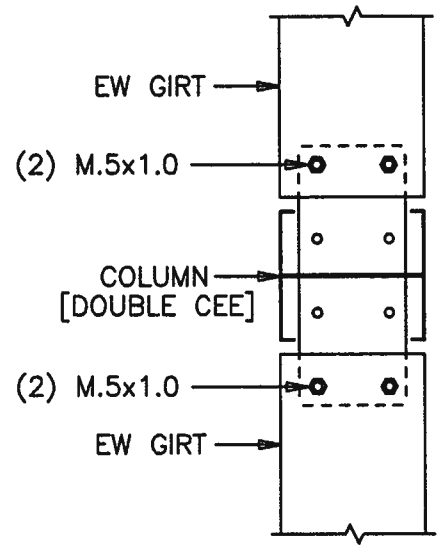
DETAIL B4



* UNLESS NOTED ON DRAWING 4.

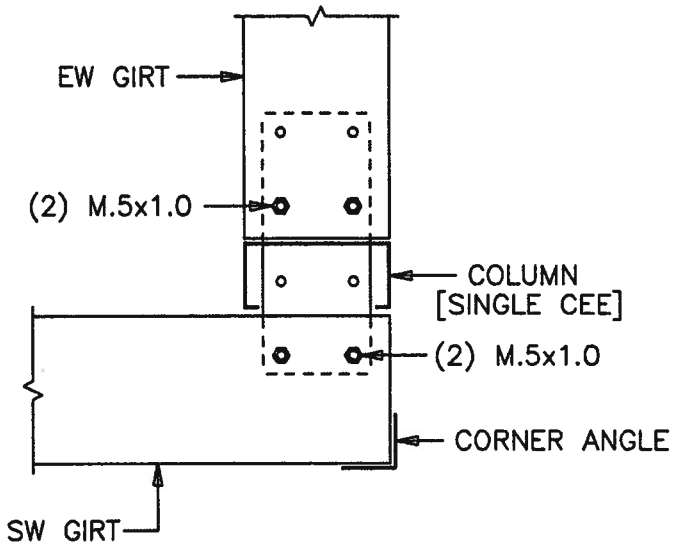
CEE COLUMN / RAFTER CONNECTION

DETAIL C5



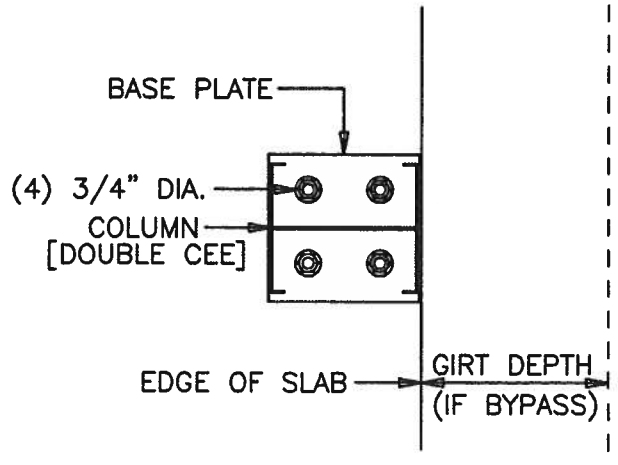
ENDWALL GIRTS TO INTERIOR COLUMN

DETAIL D4



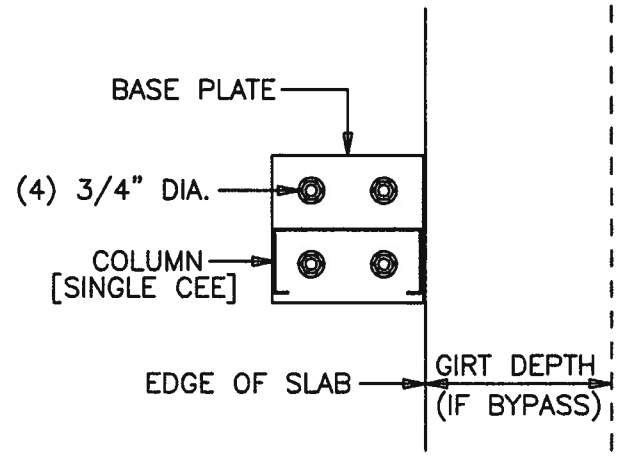
GIRTS TO CORNER COLUMN

DETAIL E4



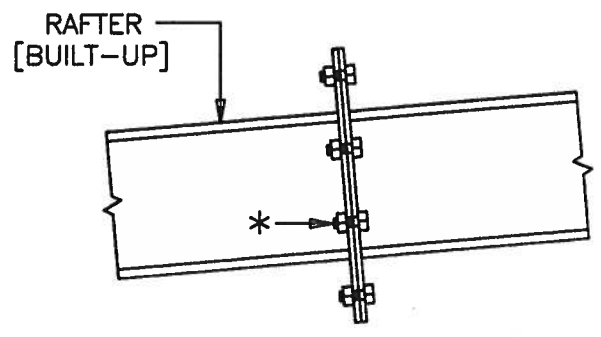
ENDWALL COLUMN BASE DETAIL

DETAIL E8



ENDWALL COLUMN BASE DETAIL

DETAIL F9



* SEE DRAWING 4 FOR SIZE AND QUANTITY OF BOLTS.

RAFTER DETAIL AT SPLICE

GREGORY S. BARFIELD, P.E.
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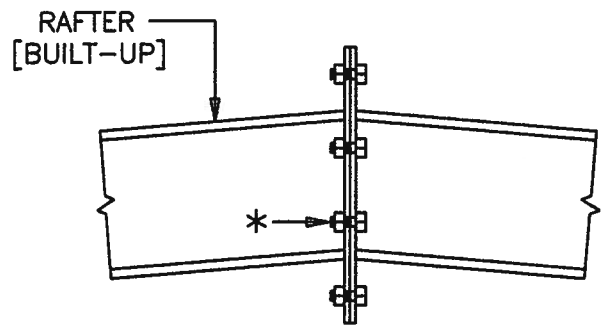
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

	SBS STEEL BUILDING SYSTEMS, INC.		
	CUSTOMER: TRC PROPERTIES		
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 5	DRAWN BY: CFR	CHECKED BY:

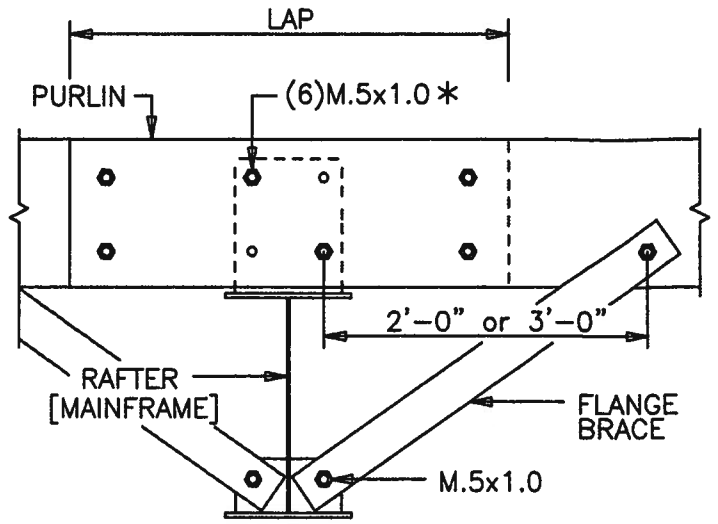
DETAIL F12



* SEE DRAWING 4 FOR SIZE AND QUANTITY OF BOLTS.

RAFTER DETAIL AT RIDGE

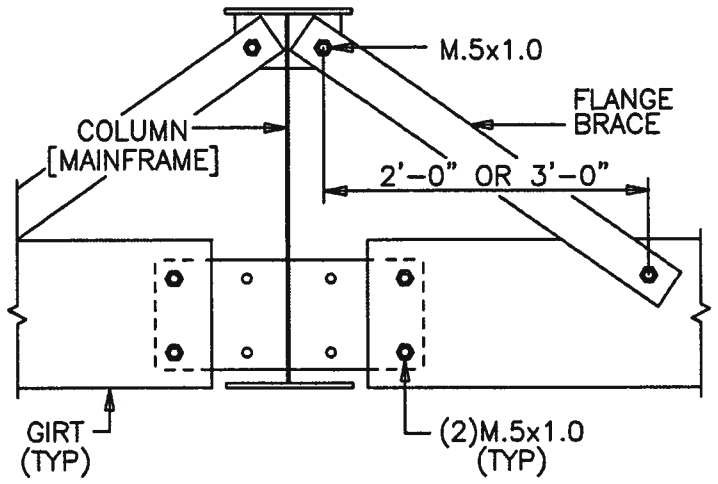
DETAIL G2



* UNLESS NOTED ON DRAWING 2.

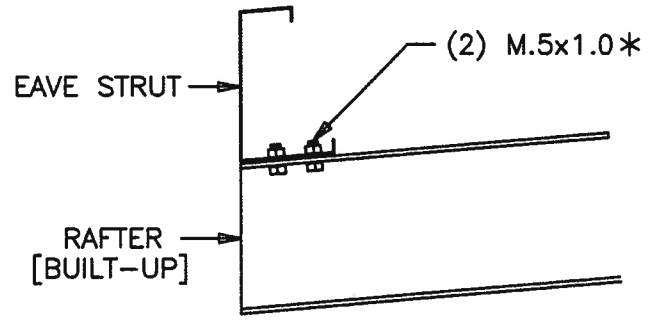
PURLIN TO MAINFRAME RAFTER

DETAIL H6



GIRT TO MAINFRAME COLUMN

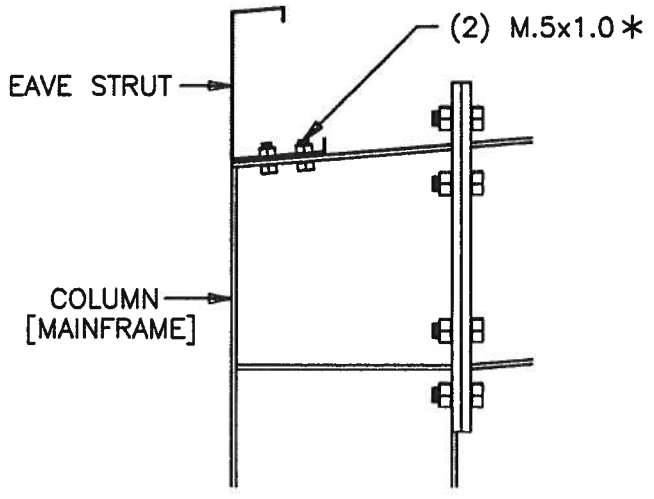
DETAIL I8



* UNLESS NOTED ON DRAWING 2.

EAVE STRUT CONNECTION AT ENDWALL

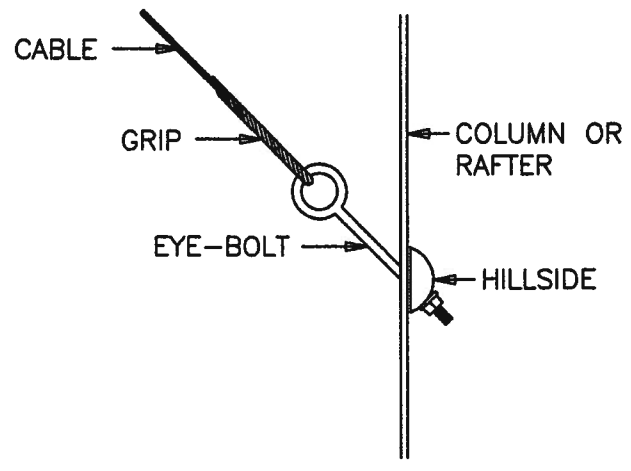
DETAIL J1



* UNLESS NOTED ON DRAWING 2.

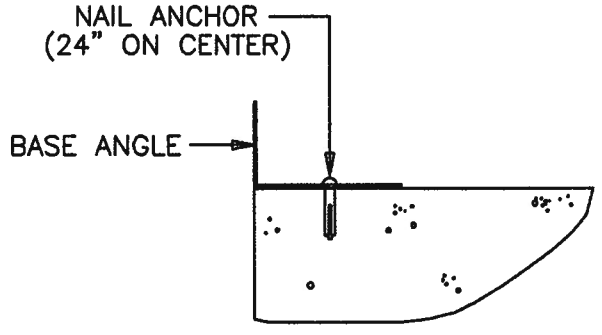
EAVE STRUT CONNECTION AT MAINFRAME

DETAIL Q2



CABLE INSTALLATION DETAIL

DETAIL T1



BASE ANGLE DETAIL

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2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

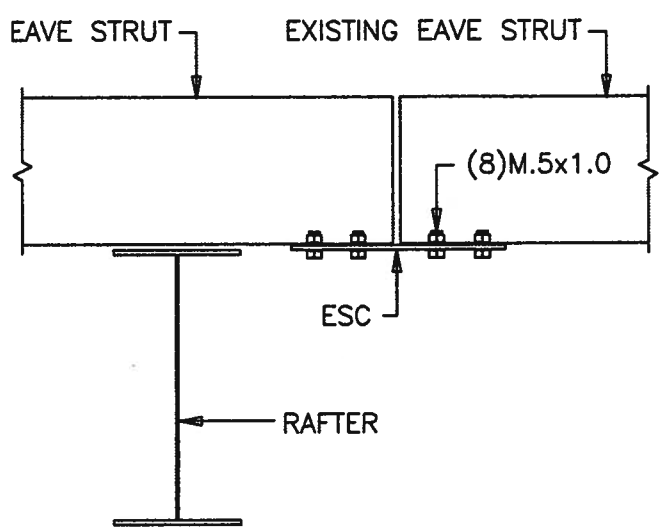
STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

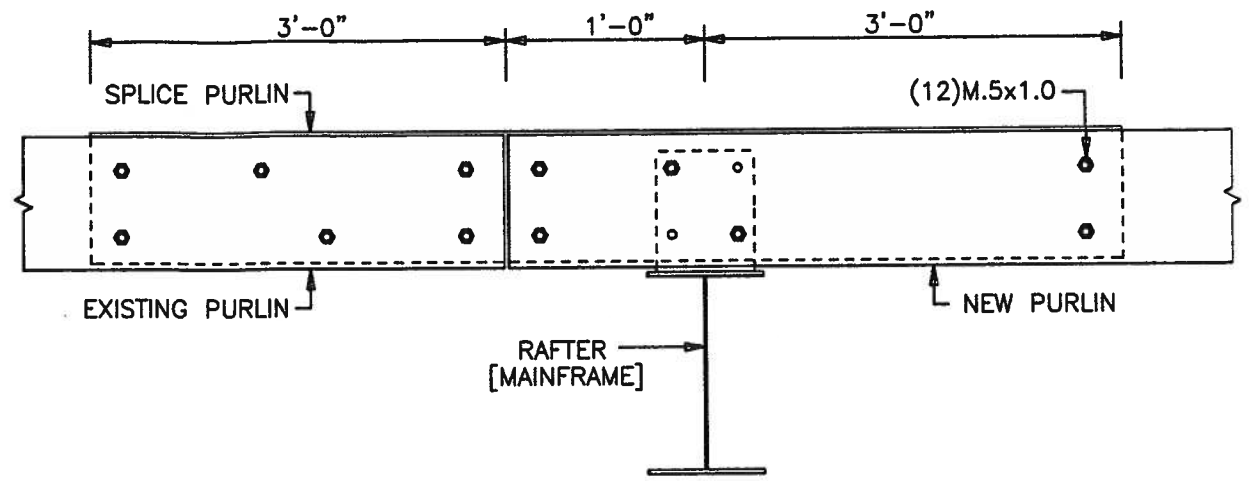
REVISIONS	CUSTOMER: TRC PROPERTIES		
[1]	JOB NO: 06-05-133	DATE: 6/ 6/06	
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5.1	DRAWN BY: CFR	CHECKED BY:

DETAIL X1



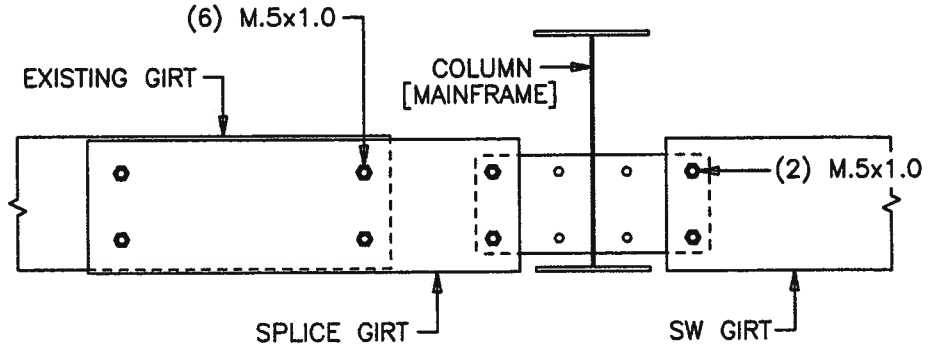
EAVE STRUT TO EAVE STRUT CONNECTION

DETAIL X2



PURLIN SPLICE DETAIL

DETAIL X3



SPLICE GIRT DETAILS

NOTE:
THE PROPER TIGHTENING AND INSPECTION OF ALL FASTENERS IS THE RESPONSIBILTY OF THE ERECTOR. ALL HEAVY STRUCTURAL (A325,A490) BOLTS AND NUTS MUST BE TIGHTENED BY THE "TURN-OF-NUT" METHOD SHOWN BELOW. A325 AND A490 BOLTS ARE DESIGNATED BY "SBS" WITH A "H". (ex: H.63x2.0 OR H.75x2.75)

TURN-OF-NUT TIGHTENING:
BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG-TIGHT CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE PLIES OF THE JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. SNUG TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE CONNECTION TO THE FREE EDGES UNTIL ALL BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED. FOLLOWING THIS INITIAL OPERATION ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED IN THE TABLE BELOW. DURING THE OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO THE FREE EDGES.

NUT ROTATION FROM SNUG-TIGHT CONDITION

BOLT LENGTH	REQUIRED ROTATION
UP TO AND INCLUDING 4 DIAMETERS	1/3 TURN
OVER 4 DIAMETERS BUT NOT EXCEEDING 8 DIAMETERS	1/2 TURN
OVER 8 DIAMETERS BUT NOT EXCEEDING 12 DIAMETERS	2/3 TURN

NOTES:[1] NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED.
[2] APPLICABLE ONLY TO CONNECTIONS IN WHICH ALL MATERIAL WITHIN THE GRIP OF THE BOLT IS STEEL.

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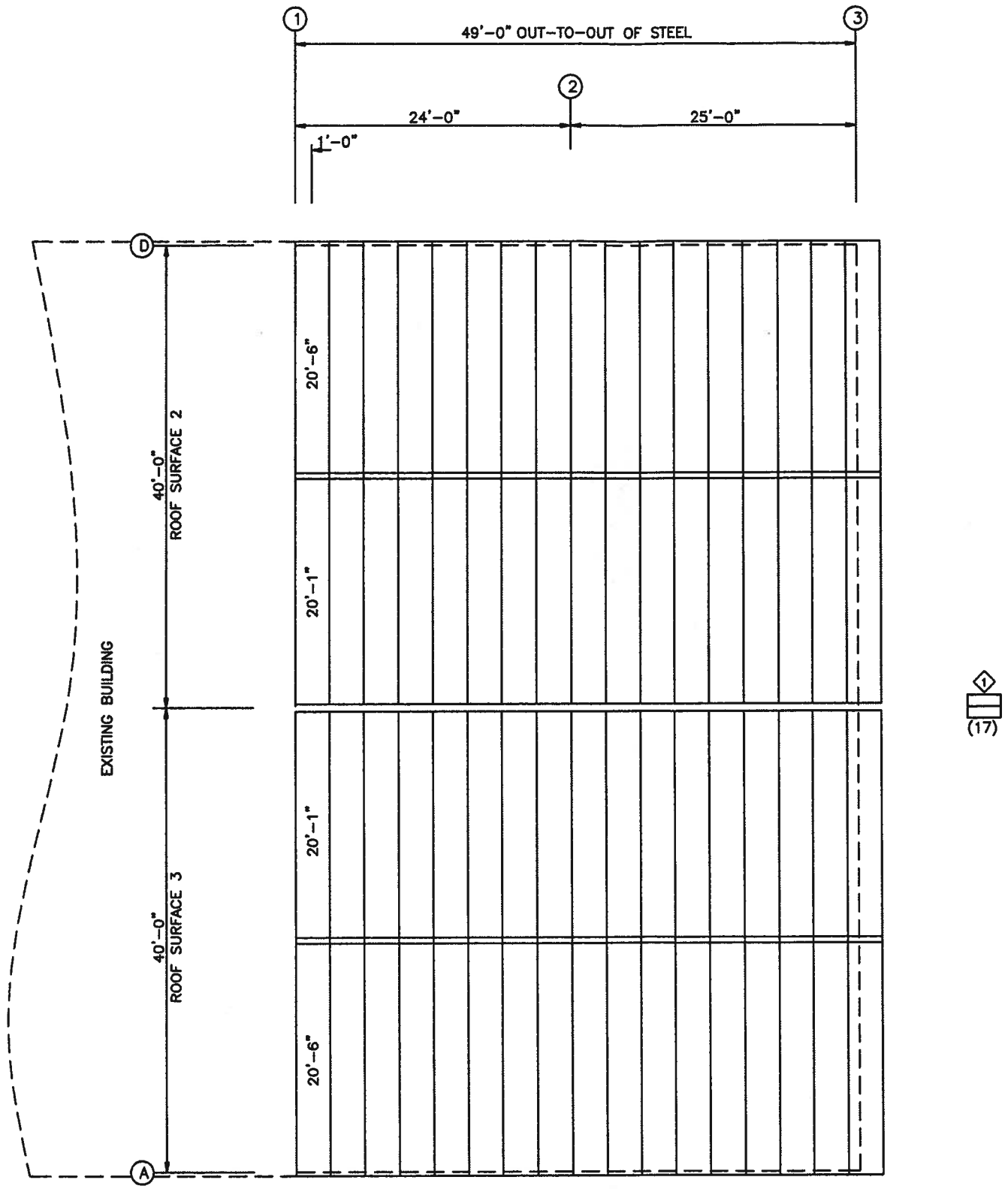
[3]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5.2	DRAWN BY: CFR	CHECKED BY:

TRIM TABLE ROOF PLAN		
◇ID	PART	LENGTH
1	D/F CAP	3'-0"



ROOF SHEETING PLAN
PANELS: 26 GA. R – GALVALUME

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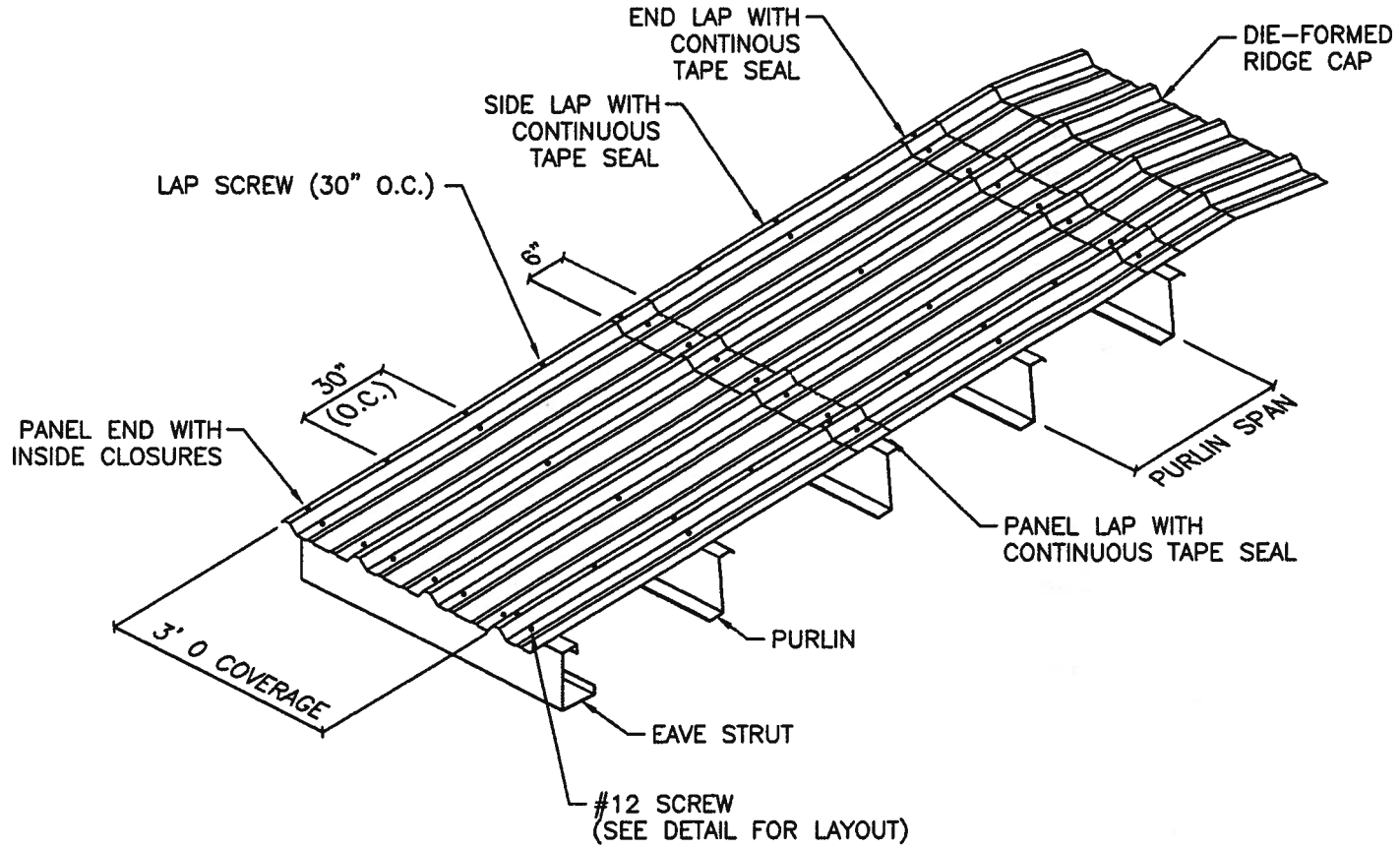
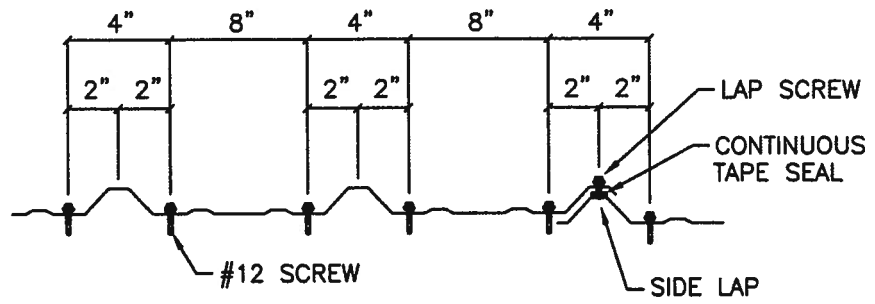
STRUCTURAL STAMP

6-13-06

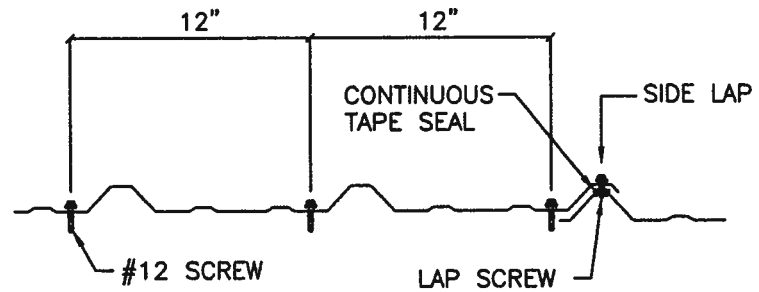
SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS	CUSTOMER: TRC PROPERTIES		
[1]	JOB NO: 06-05-133	DATE: 6/ 6/06	
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: ROOF PANELS & TRIM		SCALE: NONE
	DRAWING NO: PAGE 6	DRAWN BY: CFR	CHECKED BY:





DETAIL AT PANEL END



DETAIL AT INTERIOR OF PANEL

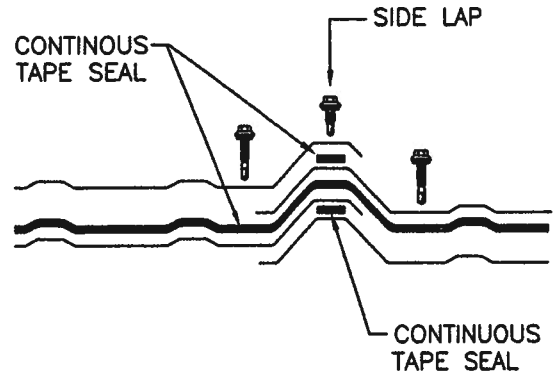
NOTES:

[1] ALL END LAPS MUST BE A MINIMUM OF 6".

[2] METAL SHAVINGS MUST BE SWEPT FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.

[3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.

[4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE STRUCTURALS. LAP SCREWS ARE USED AT THE PANEL TO PANEL ATTACHMENTS. THESE FASTENERS ARE SELF–DRILLING.



TAPE SEAL AT END LAP AND PANEL LAP

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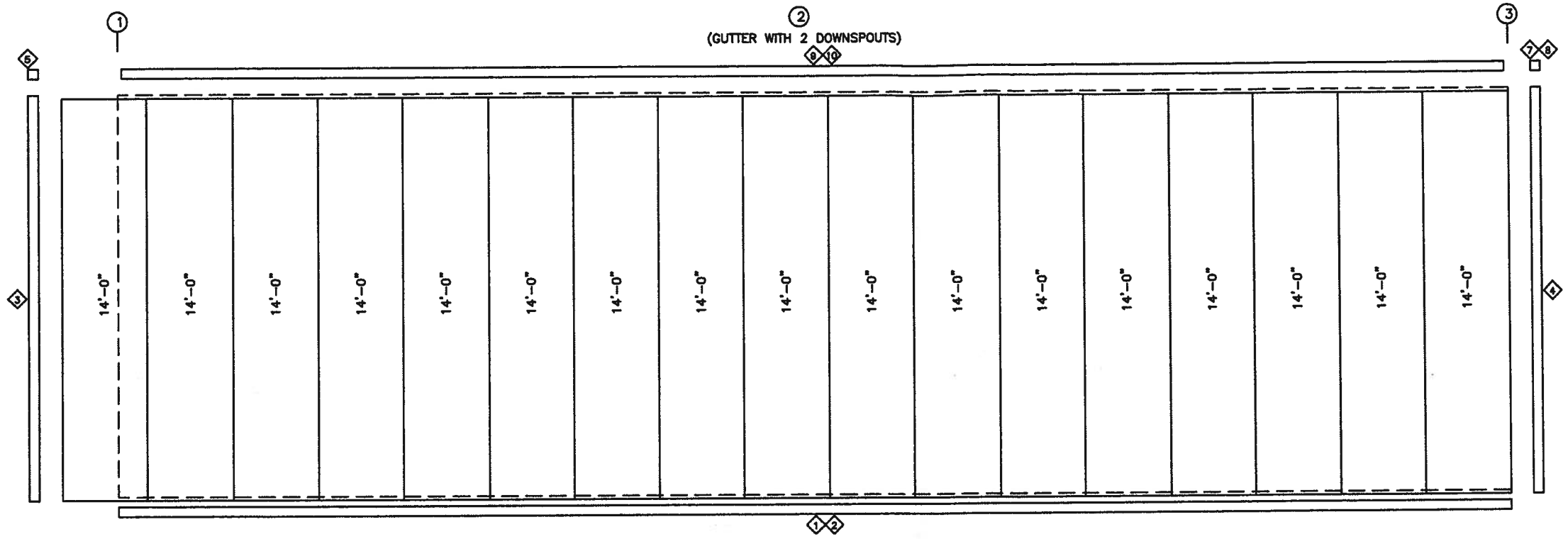
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

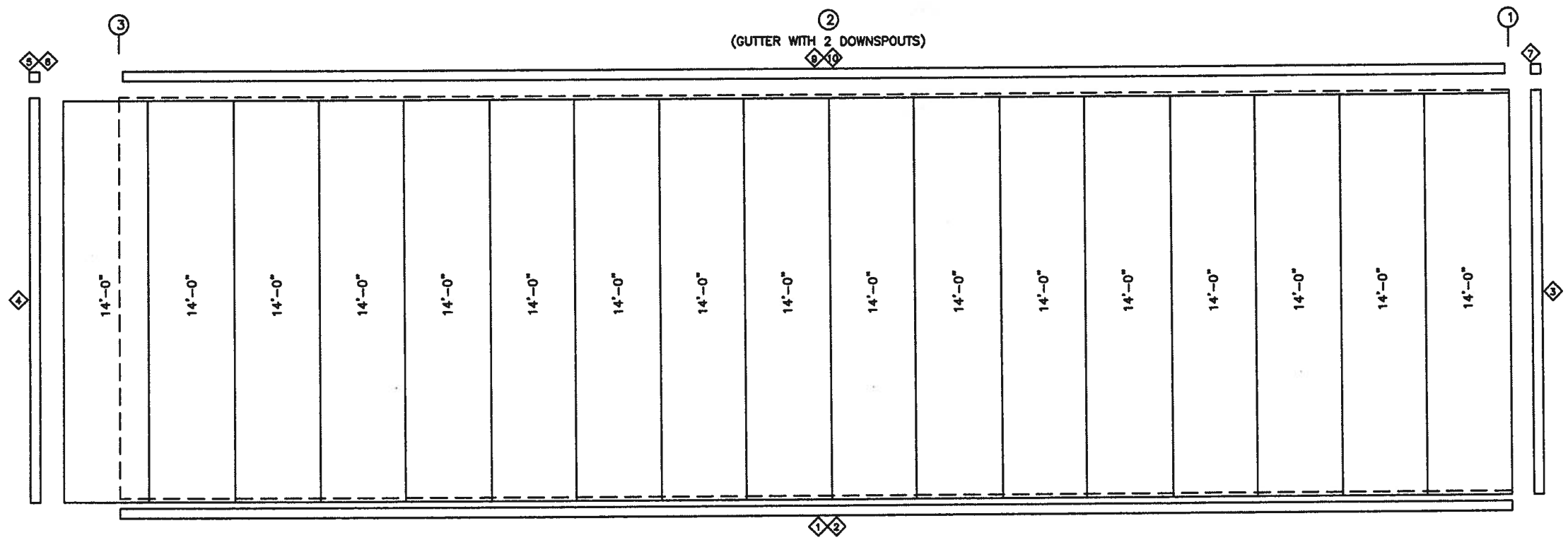
	SBS STEEL BUILDING SYSTEMS, INC.	
	CUSTOMER: TRC PROPERTIES	
REVISIONS	JOB NO: 06–05–133	DATE: 6/ 6/06
[1]	LOCATION: FT. WHITE, FL	
[2]	DRAWING NAME: ROOF PANEL DETAILS	SCALE: NONE
[3]	DRAWING NO: PAGE 6.1	DRAWN BY: CFR / CHECKED BY:

TRIM TABLE FRAME LINE A & D		
◇ID	PART	LENGTH
1	BASE TRM	20'-3"
2	BASE TRM	9'-0"
3	TRANS FLASH	14'-0"
4	O/S CORN	14'-0"
5	GUTEND L	
6	CORBOX L	
7	GUTEND R	
8	CORBOX R	
9	GUTTER	20'-3"
10	GUTTER	9'-0"



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 GA. R - LIGHT STONE



SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 GA. R - LIGHT STONE

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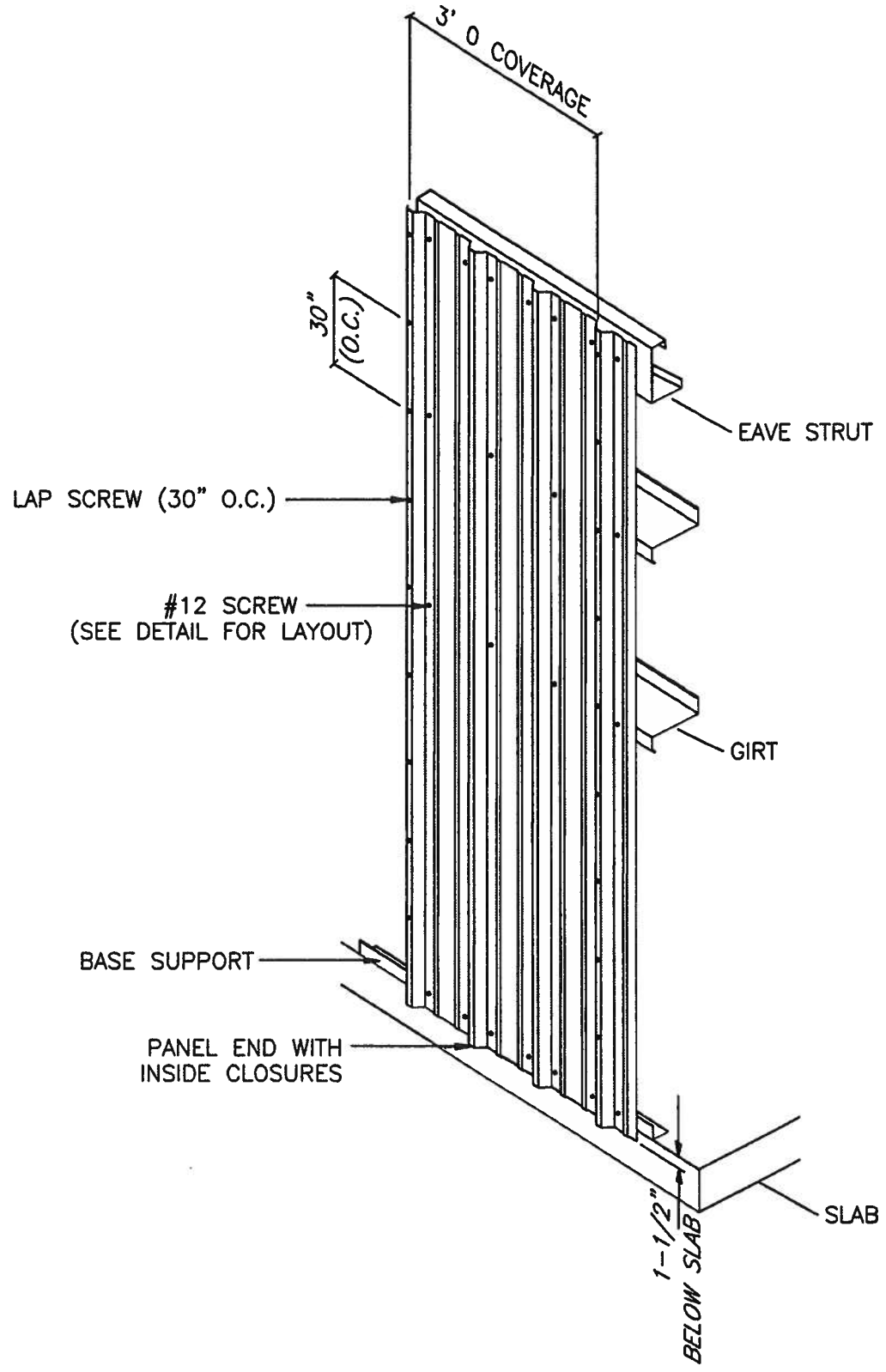
ADEL, GA 31620
P E # 54419

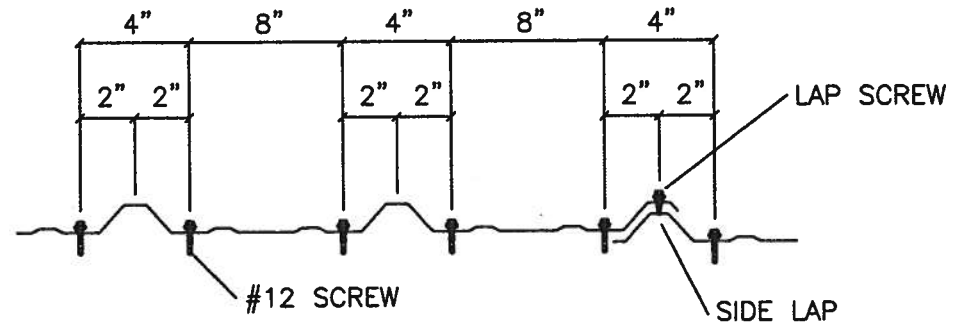
STRUCTURAL STAMP

6-13-06

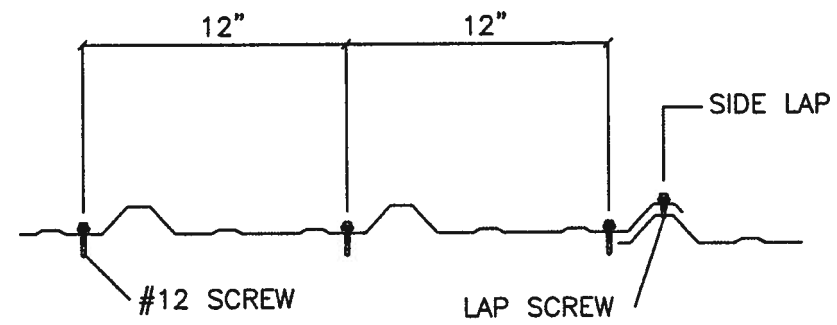
SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS	CUSTOMER: TRC PROPERTIES		
[1]	JOB NO: 06-05-133	DATE: 6/ 6/06	
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: SIDEWALL PANELS & TRIM		SCALE: NONE
	DRAWING NO: PAGE 7	DRAWN BY: CFR	CHECKED BY:





DETAIL AT PANEL END



DETAIL AT INTERIOR OF PANEL

NOTES:

[1] METAL SHAVINGS MUST BE SWEPT FROM THE PANELS DURING ERECTION TO PREVENT SURFACE RUSTING.

[2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE STRUCTURALS. LAP SCREWS ARE USED AT THE PANEL TO PANEL ATTACHMENTS. THESE FASTENERS ARE SELF-DRILLING.

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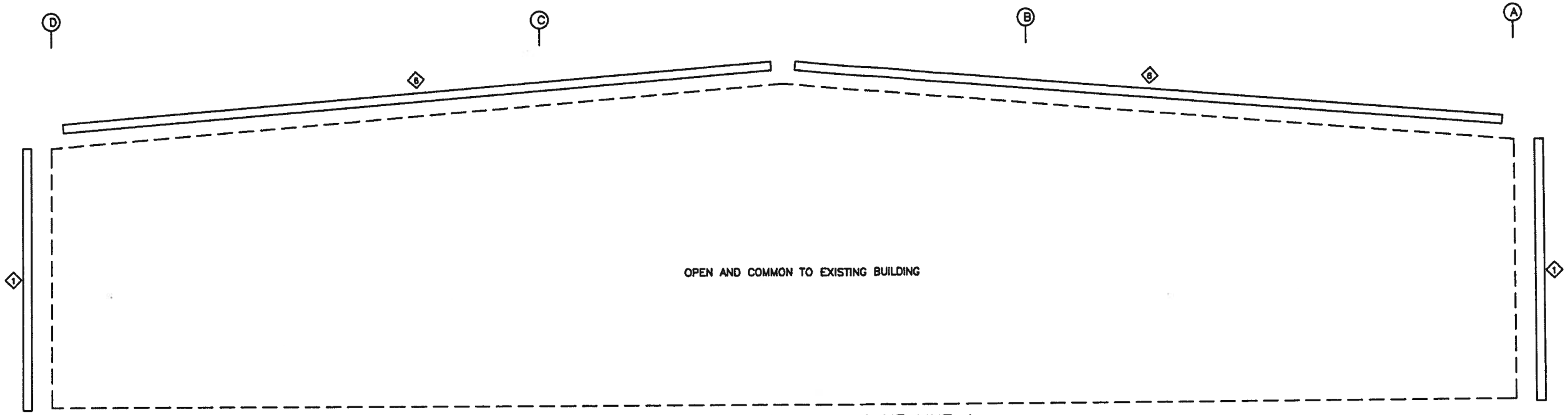
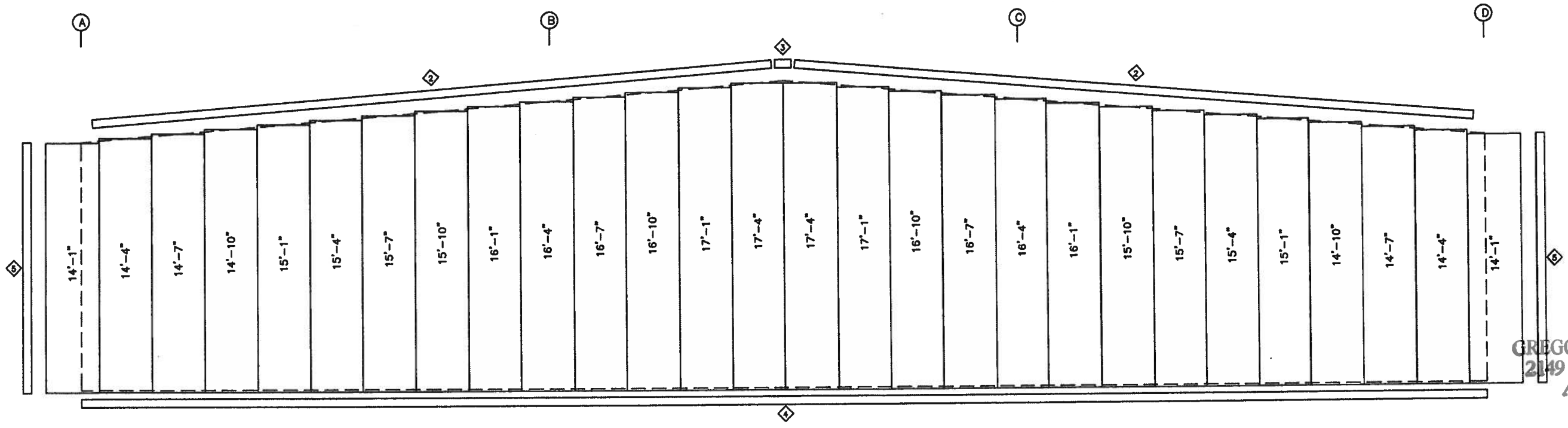
SBS STEEL BUILDING SYSTEMS, INC.

REVISIONS	CUSTOMER: TRC PROPERTIES		
	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: SIDEWALL PANEL DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 7.1	DRAWN BY: CFR	CHECKED BY:

TRIM TABLE FRAME LINE 1 & 3		
◇ID	PART	LENGTH
1	TRANS FLASH	14'-0"
2	RAKE TRM	20'-3"
3	PEAK BOX	1'-4"
4	BASE TRM	20'-3"
5	O/S CORN	14'-0"
6	TRANS FLASH	20'-3"



ENDWALL SHEETING & TRIM: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 3

PANELS: 26 GA. R – LIGHT STONE

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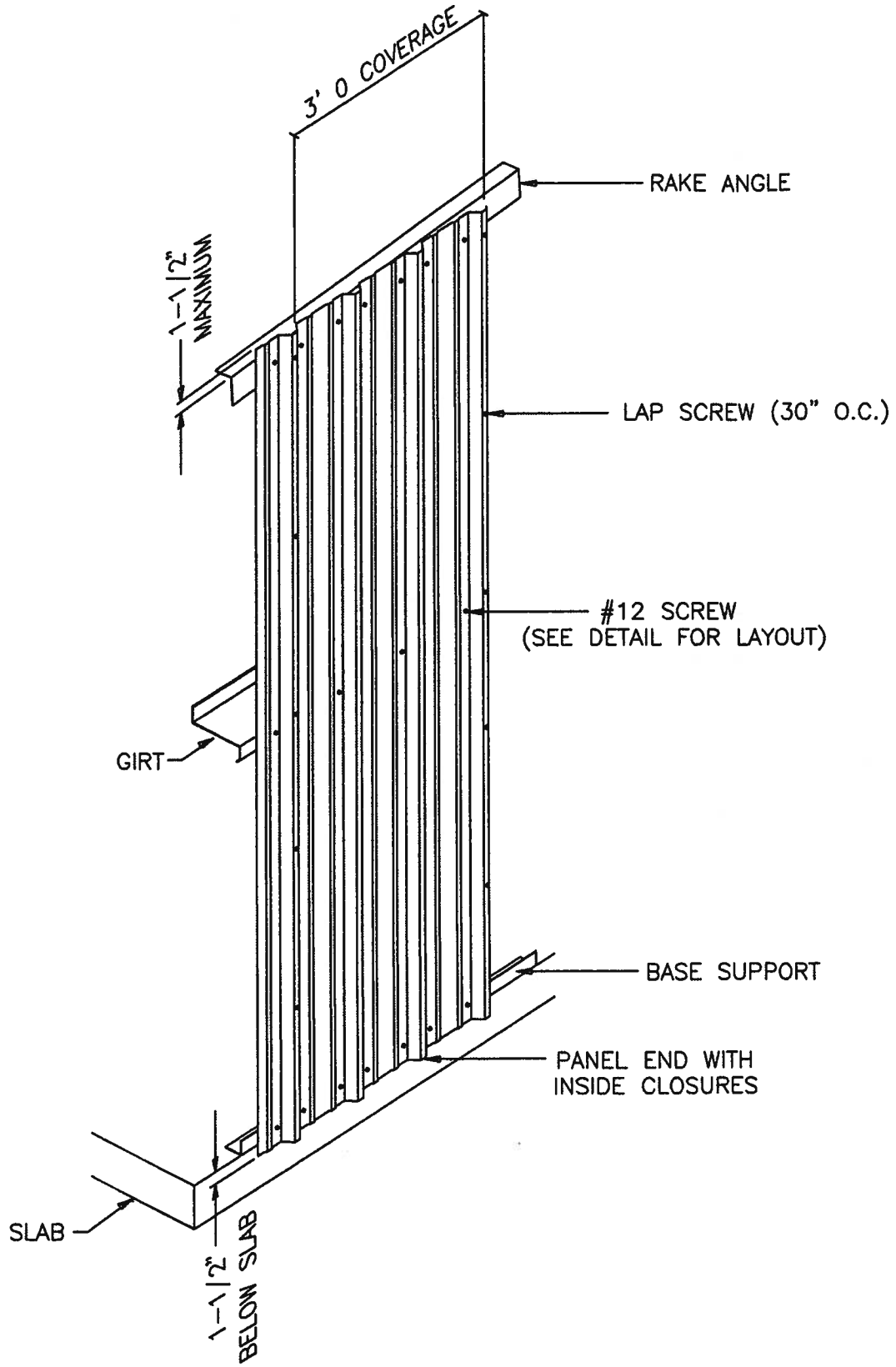
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

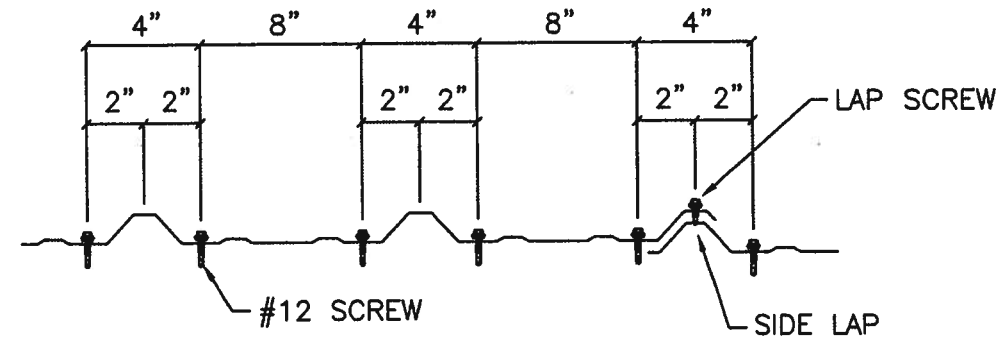
	CUSTOMER: TRC PROPERTIES		
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: ENDWALL PANELS & TRIM		SCALE: NONE
[3]	DRAWING NO: PAGE 8	DRAWN BY: CFR	CHECKED BY:



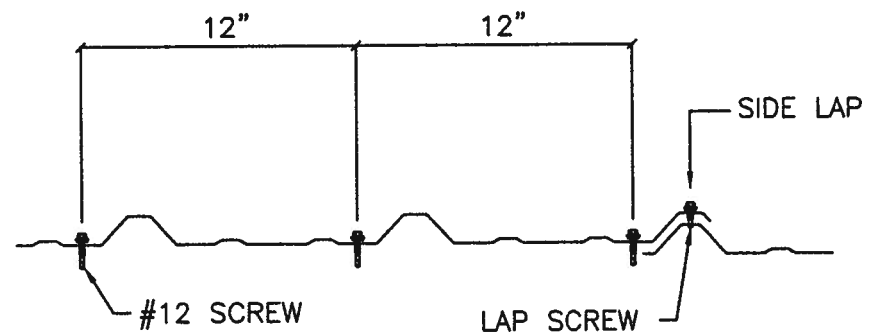
NOTES:

[1] METAL SHAVINGS MUST BE SWEPT FROM THE PANELS DURING ERECTION TO PREVENT SURFACE RUSTING.

[2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE STRUCTURALS. LAP SCREWS ARE USED AT THE PANEL TO PANEL ATTACHMENTS. THESE FASTENERS ARE SELF-DRILLING.



DETAIL AT PANEL END



DETAIL AT INTERIOR OF PANEL

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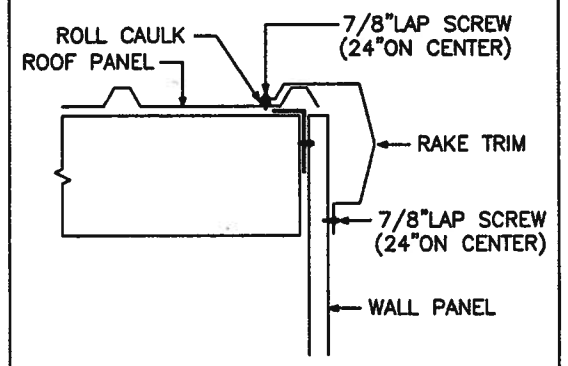
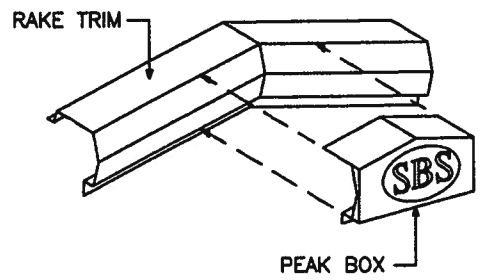
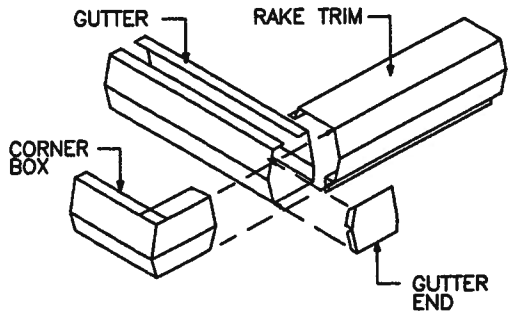
[2]	DRAWING NAME: ENDWALL PANEL DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 8.1	DRAWN BY: CFR	CHECKED BY:



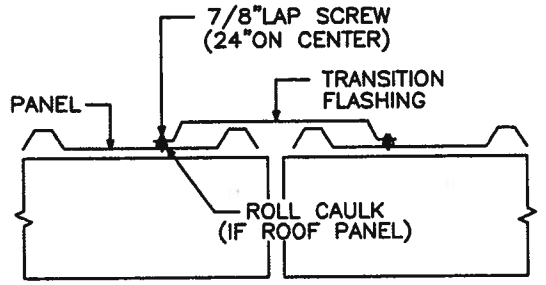
RAKE TRIM DETAIL



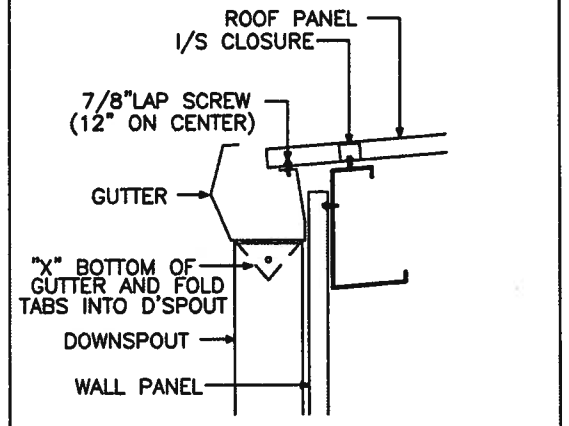
PEAK BOX DETAIL



GUTTER END DETAIL

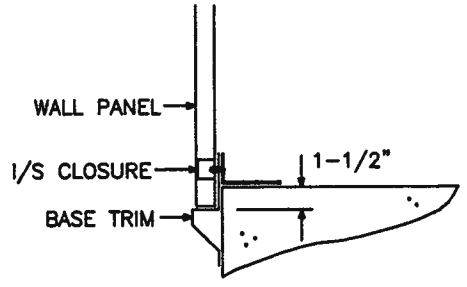


TRANSITION FLASHING DETAIL

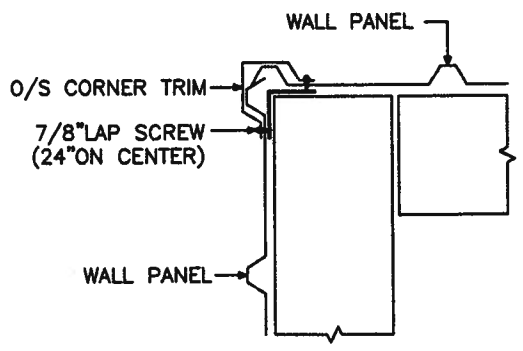


NOTE: INSTALL GUTTER STRAPS 3'0" ON CENTER.
NOTE: INSTALL D'SPOUT STRAPS 5'0" ON CENTER.

GUTTER DETAIL



BASE TRIM DETAIL



O/S CORNER DETAIL

TRIM NOTES:

[1] SEAL TRIM SPLICES WITH TUBE CAULK.

[2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.

[3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.

[4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.

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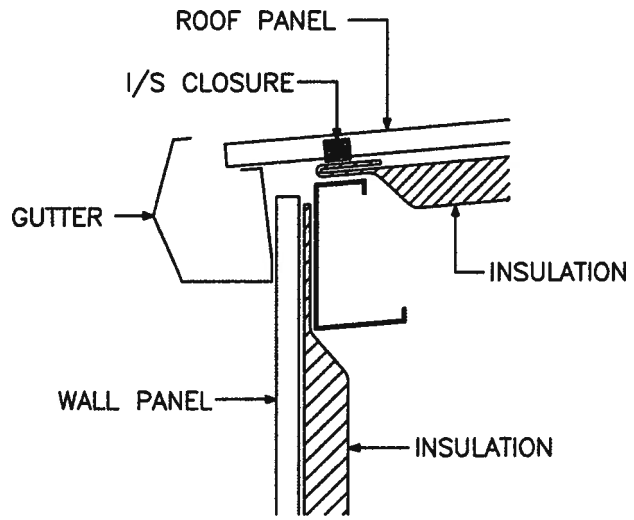
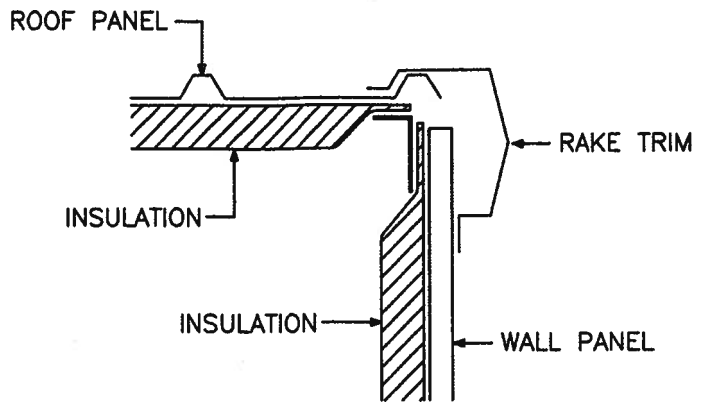
[2]	LOCATION: FT. WHITE, FL		
[3]	DRAWING NAME: TRIM DETAILS		SCALE: NONE
	DRAWING NO: PAGE 9	DRAWN BY: CFR	CHECKED BY:

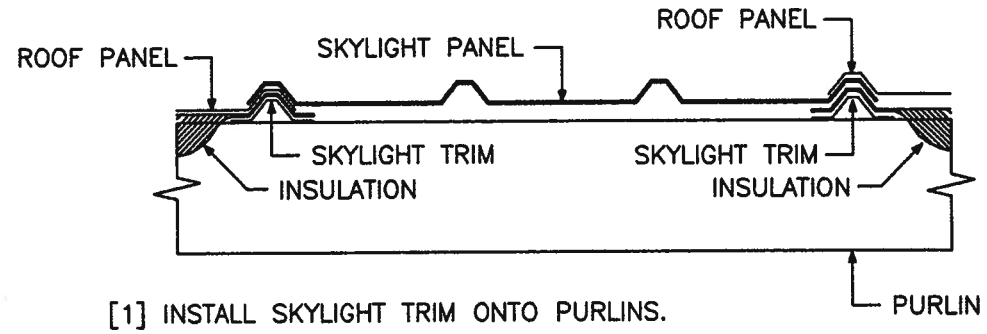


EAVE DETAIL

NOTE: FOLD ROOF INSULATION BACK 3" TO 6".



RAKE DETAIL



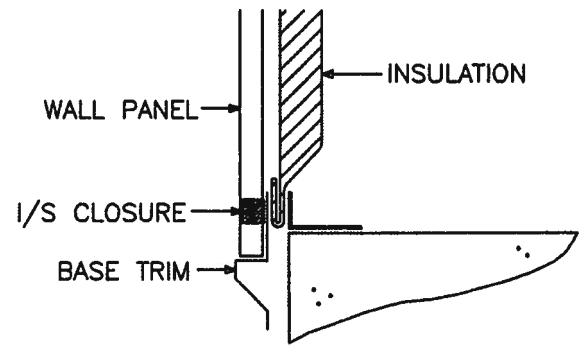
[1] INSTALL SKYLIGHT TRIM ONTO PURLINS.

[2] INSTALL INSULATION OVER SKYLIGHT TRIM.

[3] INSTALL ROOF PANEL AND SKYLIGHT PANEL OVER INSULATION.

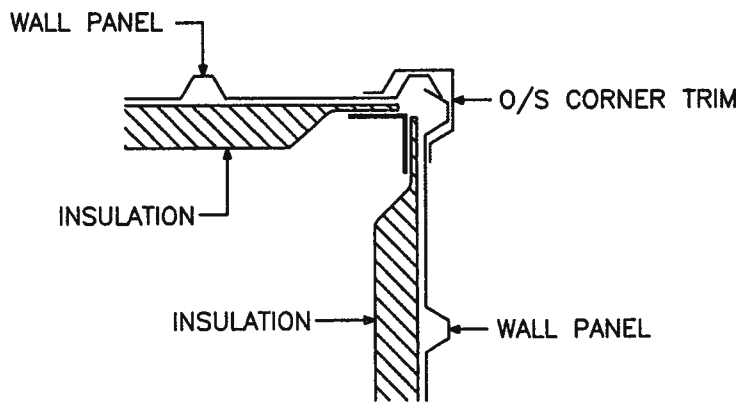
[4] CUT OUT INSULATION FLUSH TO SKYLIGHT TRIM WITH A RAZOR KNIFE.

SKYLIGHT TRIM DETAIL



BASE DETAIL

NOTE: FOLD INSULATION BACK 3" TO 6".



CORNER DETAIL

CAUTION: FAILURE TO FOLD FACING OF INSULATION BACK FROM THE PANEL EDGE AT THE BASE AND EAVE COULD RESULT IN PANEL DAMAGE AND WILL VOID THE PANEL WARRANTY.

GREGORY S. BARFIELD, P.E.
2149 NELL PURVIS ROAD
ADEL, GA 31620
P E # 54419

STRUCTURAL STAMP

6-13-06

SBS STEEL BUILDING SYSTEMS, INC.

	CUSTOMER: TRC PROPERTIES		
REVISIONS	JOB NO: 06-05-133	DATE: 6/ 6/06	
[1]	LOCATION: FT. WHITE, FL		
[2]	DRAWING NAME: INSULATION DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 10.1	DRAWN BY: CFR	CHECKED BY: