DATE 04/02/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027724

APPLICANT RONALD L. JUSTICE PHONE 561.793.4463

ADDRESS 17560 66TH CT LOXAHATCHEE FL 33470

OWNER RONALD & CONNIE JUSTICE PHONE 561.793.4463

ADDRESS 529 SW MADISON CT LAKE CITY FL 32024

CONTRACTOR RONALD JUSTICE PHONE 561.793.4463

LOCATION OF PROPERTY 90-W TO PINEMOUNT ROAD,TL TO 4 MILES TO MADISON CT,TL GO TO THE VERY END OF CUL-DE-SAC.

TYPE DEVELOPMENT METAL STORAGE BLDG. ESTIMATED COST OF CONSTRUCTION 30000.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT 16.00 STORIES 1

FOUNDATION CONC WALLS METAL ROOF PITCH 1'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 07-4S-16-02791-108 SUBDIVISION WEST WIND ESTATES

LOT 8 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 5.00

000001721			Ronald Justice	
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
18"X32'MITERED	09-0140	BLK	RTJ	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ACCESSORY STRUCTURE. IMPACT FEE EXEMPT. NOC ON FILE.

Check # or Cash 8429

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 Insulation _____ 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 Pool _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 150.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

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

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 250.00

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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

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

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

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

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 07-0215

Inst:200712012673 Date:6/8/2007 Time:12:57 PM
Doc Stamp-Deed:735.00
DC,P.DeWitt Cason ,Columbia County Page 1 of 2

General Warranty Deed

Made this June 6th, 2007 A.D. By **Jacob Mathews**, 5230 N. Clarke Ave., Suite 4, Lakewood, California 90712, hereinafter called the grantor, to **Ronald R. Justice and his wife, Connie S. Justice**, whose post office address is: 17560 66th Court North, Loxahatchee, Florida 33470, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 8 of WESTWIND ESTATES, according to the plat thereof, as recorded in Plat Book 7, Pages 126 and 127, of the Public Records of Columbia County, Florida.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: **R02791-108**

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name Lisa M. Stoll

Jacob Mathews (Seal)
Address: 5230 N. Clarke Ave., Suite 4, Lakewood, California 90712

Witness Printed Name JUDY ROSSEL

(Seal)
Address:

State of California
County of _____

The foregoing instrument was acknowledged before me this ____ day of June, 2007, by Jacob Mathews, who is/are personally known to me or who has produced _____ as identification.

Notary Public
Print Name:_____

My Commission Expires:_____

DEED Individual Warranty Deed With Non-Homestead-Legal on Face
Closers' Choice

VIRGINIA MCDOUGALL

Columbia County Building Permit Application

For Office Use Only Application # 0903-11 Date Received 3/9 By JW Permit # 27724 (1721)

Application Approved by - Zoning Official BLK Date 01.09.09 Plans Examiner [illegible] Date 3/31/

Flood Zone X per plat Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Impact Fee Exempt - Accessory Structure

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Pe

Fax

Name Authorized Person Signing Permit Ronald & Connie Justice Phone 561-793 4463

Address 17560 66 ct N Loxa Hatchee, FL 33470

Owners Name Ronald & Connie Justice Phone 561-793 4463

911 Address 529 SW Madison ct Lake City Fl 32024

Contractors Name Home owner Phone Same

Address

Fee Simple Owner Name & Address

Bonding Co. Name & Address None

Architect/Engineer Name & Address

Mortgage Lenders Name & Address None

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

Property ID Number R02791-108 Estimated Cost of Construction 30,000

Subdivision Name West Wind Estates Lot 8 Block Unit Phase

Driving Directions US90 and Pinemount Rd 252. Go west on Pinemou Rd. About ½ mile to Madison ct. Turn Left Go to end of Stree Lot 8

Type of Construction Metal Storage Bldg Number of Existing Dwellings on Property 0

Total Acreage 5 Ac Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing D

Actual Distance of Structure from Property Lines - Front 165' Side E 100 Ft Side W 550 Ft Rear 60F

Total Building Height 16 Ft Number of Stories 1 Heated Floor Area 0 Roof Pitch 1-12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards 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 YOU LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Ronald R. Justice

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this _____ day of _____ 20____.

Ck# 8429

Personally known____ or Produced Identification____

Notary Signature

(Revised Sept. 20

• JW called Ronald 1/01.09.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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

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

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

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

Randall R. Justice
Owners Signature

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

Contractor's Signature (Permitee)

Contractor's License Number_____
Columbia County
Competency Card Number_____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20___

Personally known_____ **or Produced Identification**_____

SEAL:

State of Florida Notary Signature (For the Contractor)

Riverside County
My Comm. Expires Feb 11, 2010

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Riverside

On June 6 2007 (Date) before me, Virginia McDougall Notary (Name and Title of Officer (e.g., "Jane Doe, Notary Public")),

personally appeared Jacob Mathews (Name(s) of Signer(s))

☐ personally known to me

☒ (or proved to me on the basis of satisfactory evidence)

to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

VIRGINIA MCDOUGALL
Commission # 1644642
Notary Public - California
Riverside County
My Comm. Expires Feb 11, 2010

WITNESS my hand and official seal.

Place Notary Seal Above

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: General Warranty Deed

Document Date: June 6, 2007 Number of Pages: 2 including this Page

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Jacob Mathews

☒ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: _____

☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 07-45-16 R02791-108

Inst:200912003697 Date:3/9/2009 Time:12:09 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1168 P:2046

1. Description of property: (legal description of the property and street address or 911 address)
Lot #8 WESTWIND ESTATE. 529 SW MADISON CT LAKE CITY FL. 32024

2. General description of improvement: STEEL BUILDING STORAGE

3. Owner Name & Address Ronald & Connie Justice
529 S.W. MADISON CT LAKE CITY **Interest in Property** 100%

4. Name & Address of Fee Simple Owner (if other than owner):

5. Contractor Name Ronald R. Justice **Phone Number** 561-793-446
Address

6. Surety Holders Name N/A **Phone Number**
Address
Amount of Bond

7. Lender Name NONE **Phone Number**
Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name **Phone Number**
Address

9. In addition to himself/herself the owner designates **of** **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Ronald R. Justice
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 3-9 **, 20** 09 **.**

Li Hodson
Signature of Notary **NOTARY STAMP/SEAL**

LAURIE HODSON
MY COMMISSION # DD 805657
EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

Received 3.9.09

Columbia County Property Appraiser

DB Last Updated: 3/5/2009

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 07-4S-16-02791-108

Search Result: 1 of 1

Owner & Property Info

Owner's Name	JUSTICE RONALD R & CONNIE S		
Site Address	MADISON		
Mailing Address	17560 66TH COURT N LOXAHATCHEE, FL 33470		
Use Desc. (code)	VACANT (000000)		
Neighborhood	7416.02	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	5.210 ACRES		
Description	LOT 8 WESTWIND ESTATES. ORB 979-1744, WD 1012-47, WD 1055-2818, WD 1121-1108		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$61,132.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$61,132.00

Just Value	$61,132.00
Class Value	$0.00
Assessed Value	$61,132.00
Exempt Value	$0.00
Total Taxable Value	$61,132.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
6/6/2007	1121/1108	WD	V	Q		$105,000.00
8/18/2005	1055/2818	WD	V	Q		$72,000.00
4/7/2004	1012/47	WD	V	Q		$45,800.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

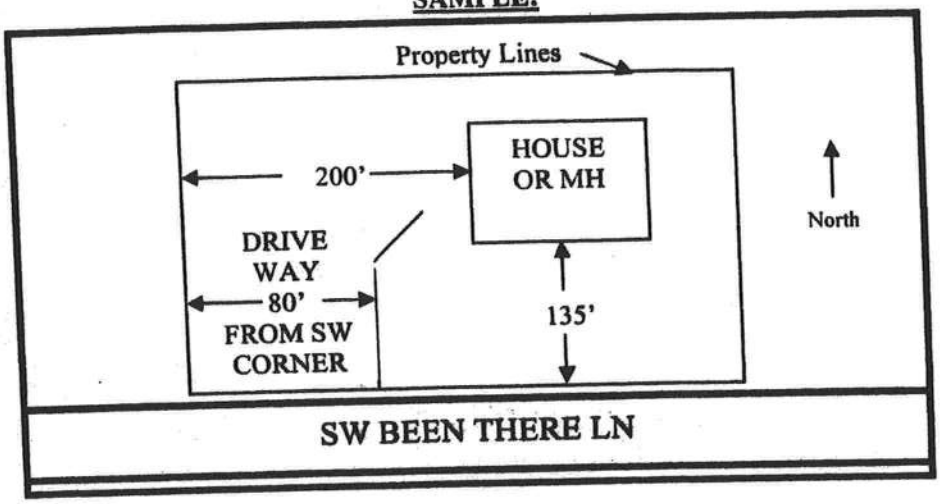
Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.210AC)	1.00/1.00/1.30/1.00	$61,132.00	$61,132.00

Columbia County Property Appraiser DB Last Updated: 3/5/2009

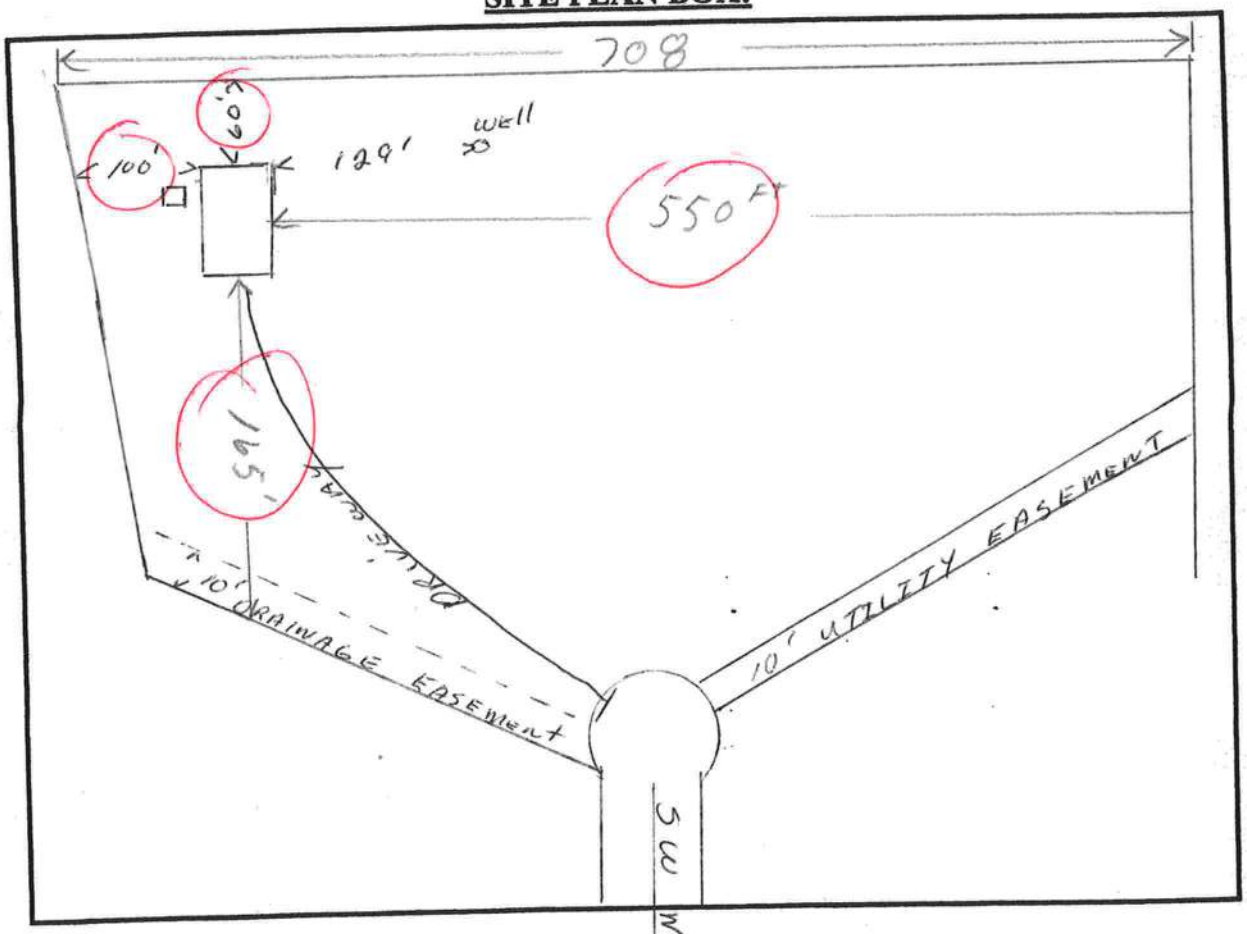
1 of 1

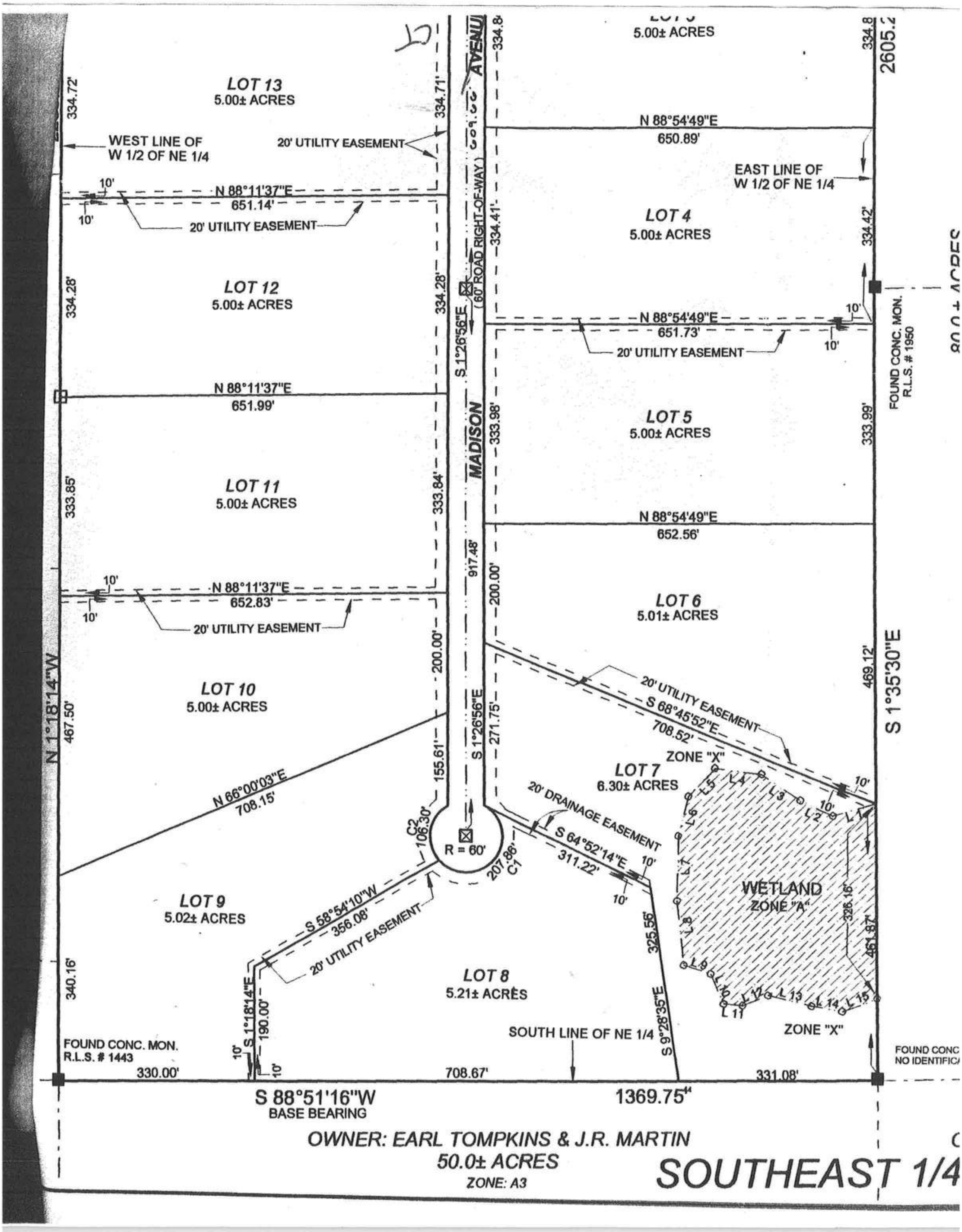
1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:




LOT 13
5.00± ACRES
LOT 12
5.00± ACRES
LOT 11
5.00± ACRES
LOT 10
5.00± ACRES
LOT 9
5.02± ACRES
LOT 8
5.21± ACRES
LOT 7
6.30± ACRES
LOT 6
5.01± ACRES
LOT 5
5.00± ACRES
LOT 4
5.00± ACRES
5.00± ACRES
MADISON AVENUE
(60' ROAD RIGHT-OF-WAY)
WEST LINE OF W 1/2 OF NE 1/4
EAST LINE OF W 1/2 OF NE 1/4
SOUTH LINE OF NE 1/4
20' UTILITY EASEMENT
20' DRAINAGE EASEMENT
N 88°11'37"E
651.14'
651.99'
652.83'
N 88°54'49"E
650.89'
651.73'
652.56'
S 1°26'56"E
917.48'
S 68°45'52"E
708.52'
N 66°00'03"E
708.15'
S 64°52'14"E
311.22'
S 58°54'10"W
356.08'
S 1°18'14"E
190.00'
S 9°28'35"E
325.56'
R = 60'
C1
C2
106.30'
207.86'
N 1°18'14"W
S 1°35'30"E
2605.2
334.72'
334.71'
334.28'
333.85'
333.84'
467.50'
200.00'
155.61'
340.16'
334.8
334.41'
333.98'
271.75'
334.42'
333.99'
469.12'
326.16'
461.87'
10'
ZONE "X"
WETLAND
ZONE "A"
L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15
FOUND CONC. MON.
R.L.S. # 1950
FOUND CONC. MON.
R.L.S. # 1443
FOUND CONC
NO IDENTIFIC
330.00'
708.67'
331.08'
S 88°51'16"W
BASE BEARING
1369.75'
OWNER: EARL TOMPKINS & J.R. MARTIN
50.0± ACRES
ZONE: A3
SOUTHEAST 1/4
80.0 ± ACRES

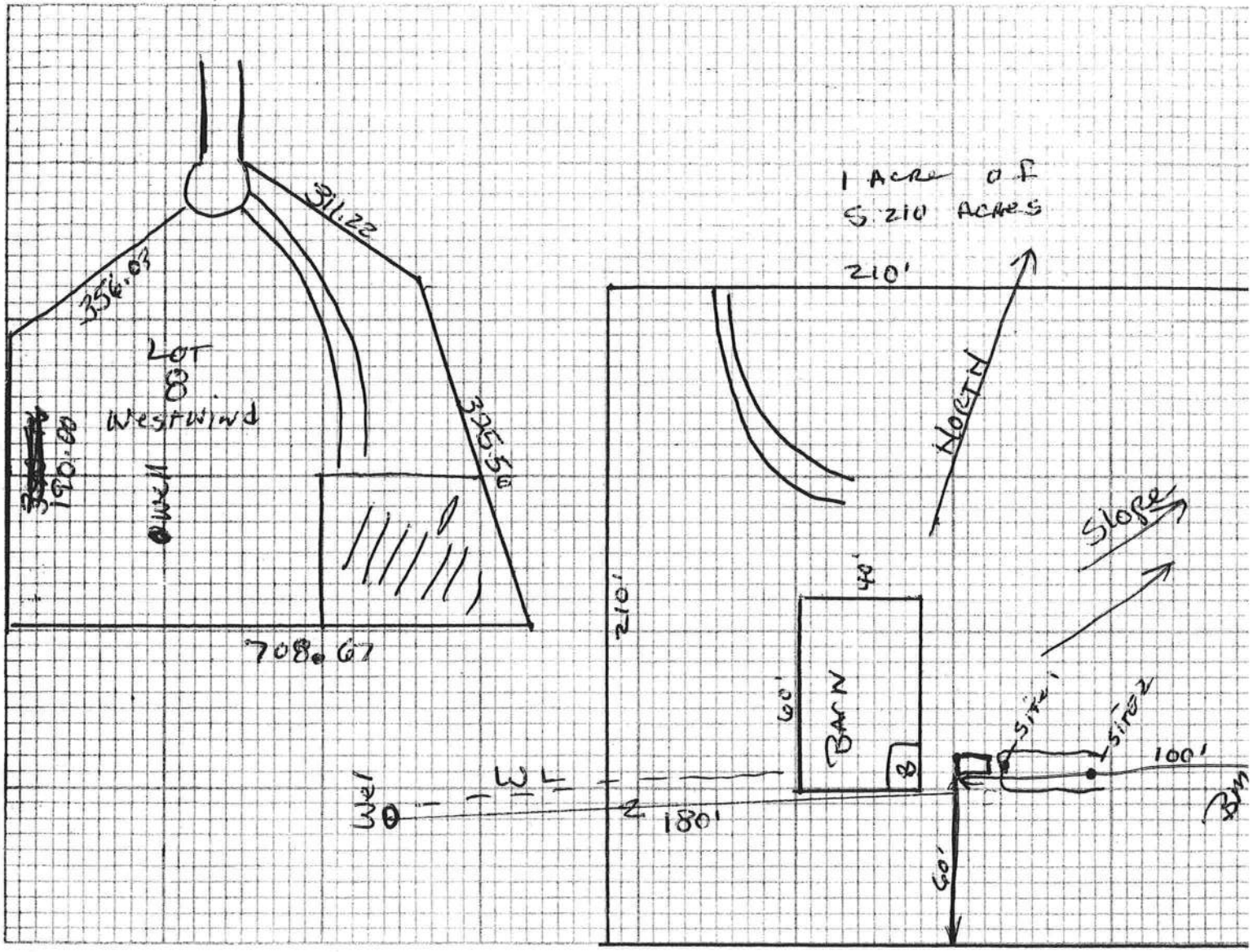
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0144

PART II - SITE PLAN

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



Notes:

Ronald & Connie Justice

Lot 8 West Wind Estates

07-45-16-02-791-108

Site Plan submitted by: Robert W Ford Jr Agent
Signature Title

Plan Approved X Not Approved Date 3/19/9

By [signature] APPROVED Columbia CHD County Health Departme

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)

SDV

C9-0140

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

PERMIT # 9/4407
DATE PAID 3/10/09
FEE PAID $ 310.00
RECEIPT # 1103825

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

APPLICANT: Ronald & Connie Justice TELEPHONE: 755-6372

AGENT: Robert Ford NFST INC

MAILING ADDRESS: 580 NW Gverdon Rd Lake City Fla 32055

==========

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

==========

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

LOT: 8 BLOCK: — SUBDIVISION: Westwind Estates DATE OF SUBDIVISION: _____

PROPERTY ID #: 07-4S-16-02791-108 [Section/Township/Range/Parcel No.] ZONING: _____

PROPERTY SIZE: 5.210 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: [X] PRIVATE [ ] PUBL

PROPERTY STREET ADDRESS: SW Madison Ave

DIRECTIONS TO PROPERTY: Hwy 90 West to Pine Mount TL

Go to SW Madison Ave Lot at Deadend

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	Barn	0	40+60 2400	2	
2					
3					
4					

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

APPLICANT'S SIGNATURE: Robert Ford DATE: 3/10/09

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 7/11/2007 **DATE ISSUED:** 7/13/2007

ENHANCED 9-1-1 ADDRESS:

529 SW MADISON CT

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

07-4S-16-02791-108

Remarks:

LOT 8 WESTWIND ESTATES

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

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

851

Approved Address

JUL 13 2007

911Addressing/GIS Dept

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001721

DATE 04/02/2009 PARCEL ID # 07-4S-16-02791-108

APPLICANT RONALD JUSTICE PHONE 561.793.4463

ADDRESS 17560 66TH CT LOXAHATCHEE FL 33470

OWNER RONALD & CONNIE JUSTICE PHONE 561.793.4463

ADDRESS 529 SW MADISON CT LAKE CITY FL 32024

CONTRACTOR RONALD JUSTICE PHONE 561.793.4463

LOCATION OF PROPERTY 90-W TO PINEMOUNT RD,TL GO 4 MILES TO MADISN CT,TL GO TO THE VERY END OF CUL-DE-SAC.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WEST WIND ESTATES 8

SIGNATURE Ronald Justice

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

BUCK STEEL, INC.
6810 LYONS TECH. CIR #105
COCONUT CREEK, FL 33073

RON JUSTICE
JOB NO. 1194R2
BUILDING SIZE:
WIDTH : 40 ft.
LENGTH : 60 ft.
EAVE HT : 16 ft.
JOBSITE : LAKE CITY, FL

DATE: 3/17/09

To Whom It May Concern:

This is to certify that the above referenced building is designed in accordance with the order documentation, the 13TH Edition of the American Institute of Steel Construction (AISC) "Manual of Steel Construction" and the 1986 Edition of American Iron and Steel Institute (AISI) " Cold Formed Steel Design Manual. "The basic loads of the subject building meet or exceed the minimum county climatic data as published in the 1996 edition of the MBMA " Low Rise Building Systems Manual ".

The criteria for application of design loads are follows
Governing Code : FBC 07 (IBC 06)

Roof Dead Load : 2.000 psf plus wt. of metal bldg structure
Roof Live Load : 20.00 psf
Frame Live Load : 20.00 psf W/REDUCTION

Collateral Load	: 0 psf	Roof Snow Load	: 0 psf
Wind Load (3 sec gust)	: 110 mph	Snow Exp. Fac	: 1.00
Enclosure Type	: CLOSED	Snow Imp. Fac.	: 1.00
Wind Exp. Cat	: B		
Wind Imp. Factor	: 1.00		
Ground Snow Load	: 0 psf		

This Letter of Certification applies solely to the building and its component parts as furnished by the Metal Building Manufacturer. Doors, windows and louvers are not structural components of the building. It is the responsibility of the owner to determine if wind lock accessories are supplied if required. Certification specifically excludes any foundation, masonry, or general contract work.

Sincerely,

RICHARD T. SMITH, P.E.

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:26 pm, Mar 17, 2009

27724

Lake City • (386) 755-363
Fax • (386) 752-545
Jacksonville • (904) 381-890
Fax • (904) 381-890
Quincy • (850) 442-349
Fax • (850) 442-400

Cal-Tech Testing, Inc. FOUNDATIONS • ASPHALT • SOILS • CONCRETE ENGINEERING • GEOTECHNICAL • ENVIRONMENTAL

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254
2230 Greensboro Hwy., Quincy, FL 32351

JOB NO.: 09-147
DATE TESTED: 4/20/09

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: Ron Justice Storage Bldg.

CLIENT: Ron Justice

GENERAL CONTRACTOR: SAC EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): 1- Pad SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	Northend approx. ¢enter 10' S.	12"	Pit	105.9	102.3	3.5	99
2	Approx. ¢enter of pad	12"	Pit	107.9	103.4	4.3	100
3	Southend approx. ¢enter 10' N.	12"	Pit	108.1	103.6	4.3	101

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
Pit	Light Brown Sand	103.1	10.8

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

REPORT OF GEOTECHNICAL EXPLORATION

Proposed Metal Building
529 SW Madison Court
Lake City, Columbia County, Florida
CTI Project No. 09-00147-01

- Prepared For -
Mr. Ron Justice
17560 66TH Court N.
Loxahatchee, Florida 33470

- Prepared by -
Cal-Tech Testing, Inc.
P.O. Box 1625
Lake City, Florida 32056-1625

April 17, 2009

27724

Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056 Tel. (386) 755-3633 • Fax (386) 752-5456
4784 Rosselle Street • Jacksonville, FL 32254 Tel. (904) 381-8901 • Fax (904) 381-8902

April 17, 2009

Mr. Ron Justice
17560 66TH Court N.
Loxahatchee, Florida 33470

Subject: Report of Geotechnical Exploration
Proposed Metal Building
529 SW Madison Court
Lake City, Columbia County, Florida
CTI Project No. 09-00147-01

Dear Mr. Justice:

Cal-Tech Testing, Inc. (CTI) has completed the geotechnical exploration for the proposed metal building at the subject site. This exploration was performed in general accordance with our proposal dated March 24, 2009. Authorization to this work and acceptance of the proposal was provided by you on April 8, 2009.

The following report presents the results of our field exploration and testing, an evaluation of the subsurface conditions with respect to available project characteristics, and recommendations to aid in the design and construction of the proposed building.

We have enjoyed assisting you on this project and look forward to serving as your geotechnical and construction materials testing consultant for the remainder of this and future projects. Should you have any questions concerning this report, please contact our office at 386-755-3633.

Sincerely,
CAL-TECH TESTING, INC.

David B. Brown
Executive Vice President

Nabil O. Hmeidi, P.E. 4/17/09
Senior Geotechnical Engineer
Licensed, Florida No. 57842

Distribution: *File (1 copy)*
Addressee (2 bound copies)

TABLE OF CONTENTS

Attachments

1.0 PROJECT INFORMATION

The purpose of this exploration was to develop information concerning the site and subsurface conditions in order to evaluate site preparation requirements and foundation support recommendations for the proposed metal building. The subject site is located at 529 SW Madison Court in Lake City, Columbia County, Florida. This report briefly describes our field activities and presents our findings.

It is our understanding the proposed building will be 60' by 38', one-story structural steel building to be used as a warehouse/office space. Framing will consist of Concrete Masonry Unit (CMU)/or metal studs supported on a conventional shallow foundation system. Field testing related to drainage or pavement design is beyond the scope of this exploration.

Detailed structural information has not been provided; however, we anticipate individual column loads will not exceed 50 kips. We have assumed that soil-supported ground floor loads (dead load plus live load) in the proposed building will not exceed 150 psf. We have not been provided finished floor elevation for the proposed structures; however, we assume that less than two feet of earthwork fill will be required to achieve desired grade.

2.0 FIELD EXPLORATION

The subsurface conditions at the subject site were explored by drilling two (2) Standard Penetration Test (SPT) borings each extending 15 feet below the existing ground surface. The SPT borings B-1 and B-2 were performed at the approximate northwest and southeast corners of the proposed building, respectively. The locations were based on building perimeters preset by others prior to our arrival at the subject site.

Sampling and penetration procedures of the SPT borings were accomplished in general accordance with ASTM D-1586, "*Penetration Test and Split-Barrel Sampling of Soils*", using a power rotary drill rig (BK-51 with an automatic hammer). The standard penetration tests were performed by driving a standard 1-3/8" I.D. and 2" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "*N*" value is the summation of the last two 6 inch increments and is illustrated on the attached boring logs adjacent to their corresponding sample depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

The attached record of boring logs presents the descriptions of the subsurface conditions encountered at the time of our field program, and also provide the penetration resistances recorded during the drilling and sampling process. The stratification lines and depth designations on the boring record represent the approximate boundaries between the various soils encountered, as determined in the field by our personnel. In some cases, the transition between the various soils may be gradual.

3.0 SITE AND SUBSURFACE CONDITIONS

3.1 Site Conditions

The existing site conditions were observed by our personnel during our field program. At the time of our visit, the ground surface within the proposed building area appears to have been recently cleared of vegetations and topsoil. An approximately 1½ feet of new fill appears to have been placed within the building area. There was no ponded water observed during our site visit.

3.2 Area Geology/Sinkholes Potential

Published information regarding the geology in this area of Columbia County, Florida indicates the site is situated near the interface of areas designated as Undifferentiated Quaternary Sediments (**Qu**) of the Pleistocene and Holocene epochs; and the Statenville Formation (**Ths**) of the Miocene epoch. Typically, the Undifferentiated Quaternary sediments consist of siliciclastics, organics and freshwater carbonates. The siliciclastics are light gray, tan, brown to dark, unconsolidated to poorly consolidated, clean to clayey, silty, fossiliferous, variably organic-bearing sands to blue green to olive green, poorly to moderately consolidated, sandy, silty, clays. Freshwater carbonates "*marls*" are buff colored to tan, unconsolidated to poorly consolidated, fossiliferous (mollusks) carbonate muds containing organics.

Mainly, the Statenville Formation consists of interbedded sands, clays and dolostones with common to very abundant phosphate grains. The sands are predominate and are light gray to olive gray, poorly indurated, phosphatic, fine to coarse grained with scattered gravel and with minor occurrences of fossils. Clays are yellowish gray to olive gray, poorly consolidated, variably sandy and phosphatic, and variably dolomitic. The dolostones are yellowish gray to light orange, poorly to well indurated, sandy, clayey and phosphatic with scattered mollusk molds and casts.

The limestone in this area consists of carbonate rock and its weathered residuum. In this area of Columbia County, Florida, the limestone is marked by solution features (sinkholes) associated with *karst* terrains. Areas underlain by karst terrains are prone to sinkhole activities due to weathering which is typified by a chemical dissolution process that progresses along joints, fractures and bedding planes in the limestone formation. Sinkholes are primarily caused by an advanced state of internal soil erosion or raveling action, which under certain circumstances can lead to ground subsidences. This internal soil erosion is a very slow process by which soil particle usually migrate under the influence of a hydraulic gradient to underlying karsted and/or fractured limestone formation. This process often results in a highly irregular geological profile that contains deep weathered slots "*chimneys*" filled with soft soils. Voids or caves may also be present within limestone formation. Surface depressions or sinkholes are formed when the soil overburden subsides into these subsurface caverns. There are several indicators generally associated with an advanced state of long term internal soil erosion such as noticeable surface depressions and very loose to soft soil zones just above the bedrock (or weathered bedrock) formation.

Our knowledge of the surrounding areas indicate the presence of active sinkholes within the site vicinity. However, our observation of the subject site and results of the test borings did not reveal presence of active sinkholes within the explored profile. Therefore, it is our opinion the proposed development on this site will have no greater risk of damage due to sinkhole activity than the development of structures in other areas within the immediate vicinity of the subject site. It must be understood that this exploration was not intended to predict or preclude future sinkholes from occurring within the limits of subject site.

3.3 Subsurface Conditions

Initially, the soil profile as disclosed by SPT borings B-1 and B-2 consisted of about 1½ feet of yellowish tan, silty fine sand (SP-SM) underlain by about 4 to 5½ feet of residual yellowish tan, silty fine sand (SP-SM). This stratum is underlain by about 8 to 9½ feet of reddish brown, mottled with light gray, clayey fine sand (SC). Generally, the standard penetration resistance indicates the relative density of the site soils vary from very loose to very dense with "*N*" values ranging from 2 to exceeding 50 Blow Per Foot (BPF).

The discovery of any site or subsurface condition during any future exploration or any change in project information which deviates from the data and information presented in this evaluation should be reported to us for further evaluation. It should be understood that subsurface conditions may vary between and away from the boring locations, and that transitions between soil types may be gradual. Refer to the attached boring records for more details.

3.4 Groundwater

At the time of completion of drilling, the groundwater was not encountered in any of the SPT borings. We note that due to the relatively short time frame of the field exploration, the groundwater may not have had sufficient time to stabilize. For a true groundwater level reading, piezometers may be required. In any event, fluctuation in groundwater levels should be expected due to seasonal climatic changes, construction activity, rainfall variations, surface water runoff, and other site-specific factors.

4.0 RECOMMENDATIONS FOR FOUNDATION DESIGN & SITE PREPARATION

The recommendations presented in this report are based upon available project information, anticipated loading conditions, and data obtained during our field program. If the structural information is incorrect or the location of the structure changes, please contact this office so our recommendations may be reviewed and/or revised. Discovery of any site or subsurface condition during construction, which deviates from the data collected during this exploration, should be reported to us for evaluation.

4.1 General

Based on our evaluation of the encountered subsoils, anticipated loading conditions and our past experience with similar projects, it is our professional opinion the subject site can be made suitable for the support of the proposed development.

4.2 Foundation Support

Our site observation indicated the presence of loose soils within the upper 3 feet of the existing ground surface. These soils are considered suitable for use as structural fill, however, they are not considered acceptable for the support of the proposed building in their current conditions. To improve the density of these soils, the upper 2 feet of the site soils (including 5 feet outside the perimeter of the building) should be recompacted as indicated herein.

Provided the foundation and site soils are prepared in accordance with the guidelines presented in this report, it is our opinion the proposed structure may be supported on a conventional shallow foundation system. The shallow foundation may be designed for an allowable bearing pressure of 1,500 pounds per square foot (psf) or less supported on **recompacted** soils or newly placed structural fill.

In using net pressures, the weight of the footing and backfill over the footing need not be considered. Hence, only loads applied at or above final grade need to be used for dimensioning footings. However, wall bearing footings should be designed with a minimum width of 18 inches, while the individual column footings should have minimum dimensions of 2 feet by 2 feet.

4.3 Settlement Analyses

Actual magnitude of settlement that will occur beneath foundations will depend upon variations within the subsurface soil profile, actual structural loading conditions, embedment depth of the footings, actual thickness of compacted fill or cut, and the quality of the earthwork operations. Assuming the foundation related site work and foundation design is completed in accordance with the enclosed recommendations, we estimate the total settlement of the structure will be on the order of 1 inch or less. Differential settlements (between adjacent columns or along the length of a continuous wall footing) should be approximately one-half of the total settlement. This settlement is primarily the result of elastic compression of the upper looser sands, and should occur almost immediately following the application of the structural dead load during construction.

4.4 Uplift Resistance

Under wind loading conditions, the foundations will likely be subjected to considerable uplift forces. In order to resist these uplift forces, it may be necessary to increase the footing size (thus increasing the dead weight) or lower the footing to mobilize additional soil weight above the footing. Uplift resistance from the soil may be evaluated as the weight of the soil directly above the footing, plus the shearing resistance along the vertical face of the soil prism. Alternately, the available soil uplift resistance may be calculated as the weight of the soil prism defined by the diagonal line drawn from the top of the footing to the ground surface at an angle of 30 degrees with the vertical. We recommend that a total unit weight of 100 pcf (compacted to 95% of the modified Proctor maximum dry density) be used for well-compacted, suitable fill. Should the

bottom of any structure be below the stabilized seasonal-high groundwater level, these structures must be properly designed to resist the resulting uplift forces due to hydrostatic pressures.

4.5 Lateral Resistance

Lateral loads created by wind loads may be resisted by the passive pressure of the soil acting against the side of the individual footings and/or the friction developed between the base of the foundation system and the underlying soils. For compacted backfill and/or in-situ material, the passive pressure may be taken as an equivalent to the pressure exerted by a fluid weighing 300 pcf for above the ground-water table and 113 pcf below the water level. A coefficient of friction equal to 0.4 may be used for calculating the frictional resistance at the base of the shallow footings. The resistance values discussed herein are based on the assumption that the foundations can withstand horizontal movements on the order of ¼ inch. Lateral resistance determined in accordance with the recommendations provided herein should be considered the total available resistance. Consequently, the design should include a minimum factor of safety of 1.5.

4.6 Lateral Earth Pressures

In general, retaining walls (if any) are subject to "at-rest" or "active" pressures. Retaining walls that are restrained at the top will be subject to "at-rest" pressures due to their restricted movement. These "at-rest" pressures may be calculated as the equivalent pressure exerted by a fluid density of 50 pcf. Where walls are not restrained at the top and thus allowed sufficient movement to mobilize "active" pressures, an equivalent fluid density of 33 pcf should be used in the design.

These values may be used only for walls above the groundwater table. Therefore, the presence of any groundwater due to surface water intrusion should be handled with the use of a drainage layer behind the walls with a collection pipe discharging accumulated water away from the walls. If this is not practical, then the hydrostatic pressure due to water should be included in the design of the walls.

4.7 Drainage Considerations

Adequate drainage should be provided at the site in order to minimize increase in moisture content of the foundation soils. Excessive moisture can significantly reduce the soil's bearing capacity and contribute to foundation settlement. For the protection of the foundation soils, we recommend that the ground water surface be sloped away from all proposed structures.

4.8 Floor Slab

Exposed subgrade should be properly recompacted and proofrolled with a fully-loaded, tandem-axle dump-truck or similar pneumatic-tired equipment. Provided the recompaction and proofrolling operations do not indicate significant deflecting or pumping of the existing subgrade, the floor slab may be designed as a slab-on-grade. Any soft or loose soils found during the proofrolling procedure should be undercut and replaced with suitable, well-compacted, engineered fill.

All floor slabs should be supported on at least 4 inches of relatively clean granular material, such as sand, sand and gravel, or crushed stone. This is to help distribute concentrated loads and equalize moisture beneath the slab. This granular material should have 100 percent passing the 1½ -inch sieve and a maximum of 10 percent passing the No. 200 sieve. A vapor retarder may be installed on top of the subgrade to reduce dampness of the surface of the floor slabs. The vapor retarder should consist of a minimum 6-mil thickness overlapping (unsealed) sheets of plastic. In addition, properly constructed jointing will alleviate the potential for cracking and allow for some differential movement.

4.9 Exposed Subgrade

All vegetation, topsoil, and other organic matters should be removed from the building and pavement areas. Following this operation, the exposed soils in the building and pavement areas should be compacted with overlapping passes of a relatively heavy weight vibratory drum roller having a total operating static weight (weight of fuel and water included) of at least 10 tons and a drum diameter of 5 feet. All exposed surfaces should be compacted to a minimum of 95 percent of the modified Proctor maximum dry density (**ASTM D-1557**) to a depth of at least 12 inches below the compacted surface.

4.10 Structural Fill/Backfill

Structural fill should be placed in thin loose lifts not exceeding 12 inches in thickness and compacted with a heavy roller as described above. For walk-behind equipment, a maximum loose lift thickness of 6 inches is recommended. Each lift should be thoroughly compacted with the drum roller to provide densities equivalent to at least 95 percent of the modified Proctor maximum dry density (ASTM D-1557). Structural fill should consist of an inorganic, non-plastic, granular soil containing less than 10 percent material passing the No. 200 mesh sieve (relatively clean sand with a Unified Soil Classification of SP or SP-SM).

4.11 Pavement Subgrade Consideration

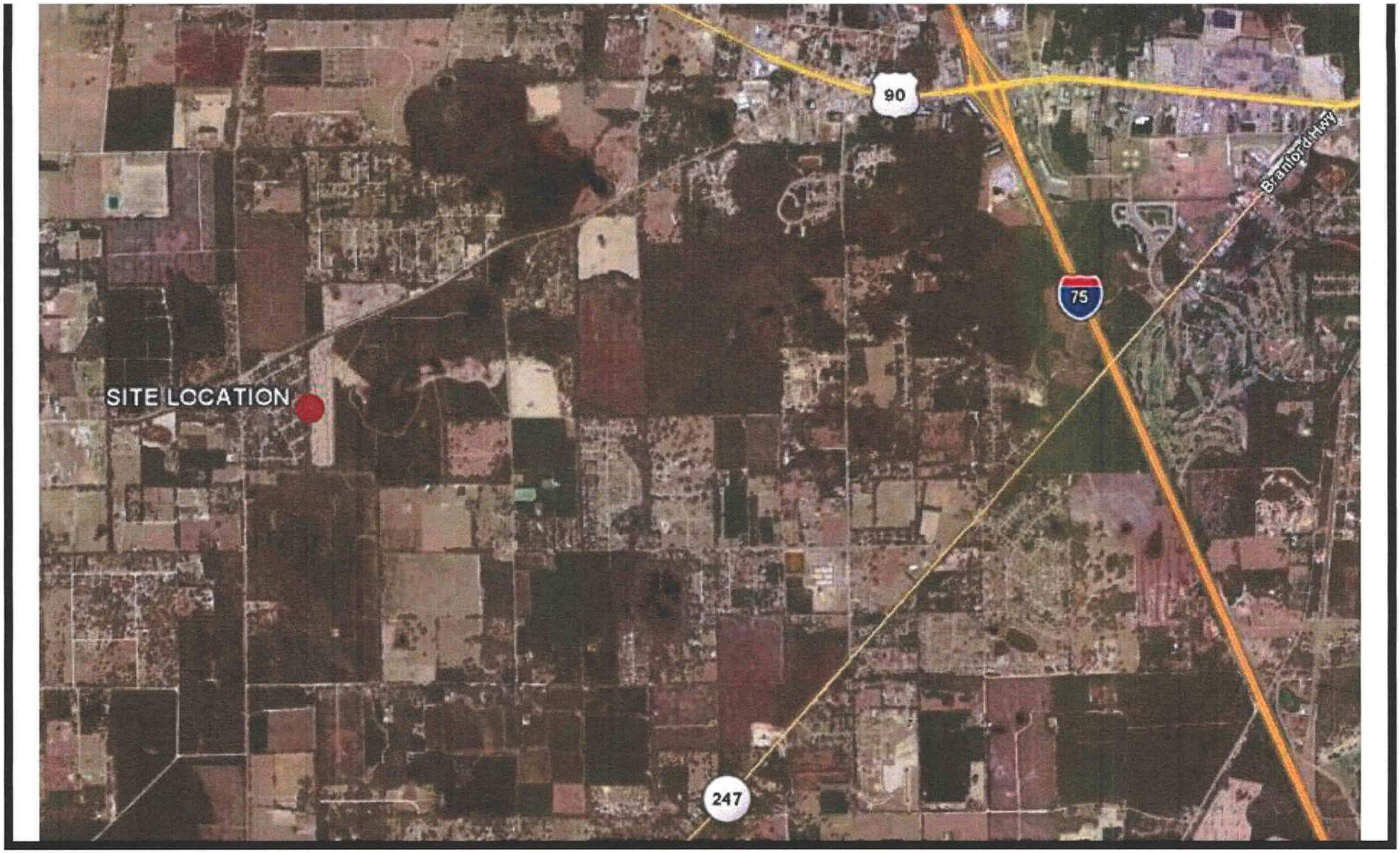
Pavement subgrades should be compacted to a minimum depth of 12 inches to at least 98 percent of the modified Proctor maximum dry density (ASTM D-1557). Any fill utilized to elevate the pavement areas to final subgrade elevation should consist of relatively clean fine sands (inorganic, non-expansive/non-plastic sands containing less than 10 percent, by weight, of fines). Pavement subgrade should be uniformly compacted to a minimum density of 95 percent of the soil's modified Proctor maximum dry density (ASTM D1557).

5.0 REPORT LIMITATIONS

This report has been prepared for the exclusive use of the Mr. Ron Justice of Loxahatchee, Florida. for the specific application to the project discussed herein. Our conclusions and recommendations have been rendered using generally accepted standards of geotechnical engineering practice in the State of Florida. No other warranty is expressed or implied. **CTI** is not responsible for the interpretations, conclusions, opinions, or recommendations of others based on the data contained herein. Field observations, monitoring, and quality assurance testing

during earthwork and foundation installation are an extension of the geotechnical design. We recommend that the owner retain these services and that **CTI** be allowed to continue our involvement in the project through these phases of construction.

ATTACHMENTS



CAL-TECH TESTING, INC. **P.O. Box 1625** **Lake City, Florida 32056-1625** **Phone: (386) 755-3633** **Fax: (386) 752-5456**	**VICINITY MAP** **Geotechnical Exploration** **Proposed Metal Building - 529 SW Madison Court** **Lake City, Columbia County, Florida** **Cal-Tech Testing Project No. 09-00147-01**

Figure 1

CAL-TECH TESTING, INC.
3309 SW SR 247
Lake City, Florida 32024
Telephone: (386) 755-3633
Fax: (386) 752-5456

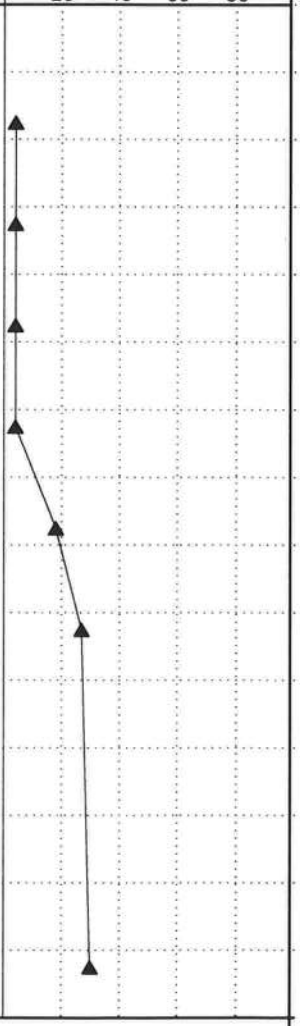
BORING NUMBER B-1

LIENT Mr. Ron Justice
ROJECT NUMBER 09-00147-01
ATE STARTED 04/14/09 COMPLETED 04/14/09
RILLING CONTRACTOR Cal-Tech Testing, Inc.
RILLING METHOD Continuous Flight Auger/Split Spoon
OGGED BY N.H. CHECKED BY
OTES BK-51 (manual hammer)

PROJECT NAME Proposed Metal Building
PROJECT LOCATION 529 SW Madison Ct., Lake City, Columbia County, FL
GROUND ELEVATION HOLE SIZE
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING --- Not Encountered
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)
0		LOOSE, yellowish tan, silty fine sand (SP-SM)					
		POSSIBLE FILL UPPER 1.5 FEET	SPT 1	100	2-2-2 (4)		
			SPT 2	100	2-2-2 (4)		
5			SPT 3	100	2-2-2 (4)		
		LOOSE to MEDIUM DENSE, reddish brown, mottled with light gray, clayey fine sand (SC)	SPT 4	100	2-2-2 (4)		
			SPT 5	100	5-7-11 (18)		
10			SPT 6	100	10-12-15 (27)		
15			SPT 7	100	9-12-18 (30)		

▲ SPT N VALUE ▲
20 40 60 80
PL MC LL
20 40 60 80
☐ FINES CONTENT (%) ☐
20 40 60 80



Bottom of borehole at 15.0 feet.

CAL-TECH TESTING, INC.
3309 SW SR 247
Lake City, Florida 32024
Telephone: (386) 755-3633
Fax: (386) 752-5456

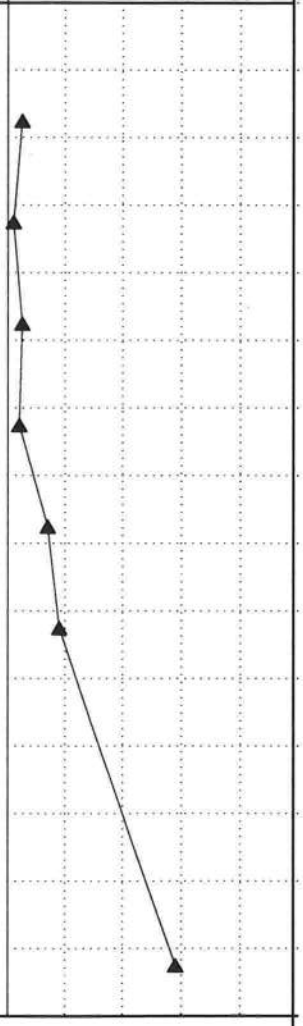
BORING NUMBER B-2

LIENT Mr. Ron Justice
ROJECT NUMBER 09-00147-01
ATE STARTED 04/14/09 COMPLETED 04/14/09
RILLING CONTRACTOR Cal-Tech Testing, Inc.
RILLING METHOD Continuous Flight Auger/Split Spoon
OGGED BY N.H. CHECKED BY
OTES BK-51 (manual hammer)

PROJECT NAME Proposed Metal Building
PROJECT LOCATION 529 SW Madison Ct., Lake City, Columbia County, FL
GROUND ELEVATION HOLE SIZE
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING --- Not Encountered
AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)
0		VERY LOOSE to LOOSE, yellowish tan, silty fine sand (SP-SM)					
		POSSIBLE FILL UPPER 1.5 FEET	SPT 1	100	2-2-3 (5)		
			SPT 2	100	1-1-1 (2)		
5			SPT 3	100	1-2-3 (5)		
			SPT 4	100	2-2-2 (4)		
		LOOSE to VERY DENSE, reddish brown, mottled with light gray, clayey fine sand (SC)	SPT 5	100	3-6-8 (14)		
10			SPT 6	100	5-8-10 (18)		
15			SPT 7	100	10-23-35 (58)		

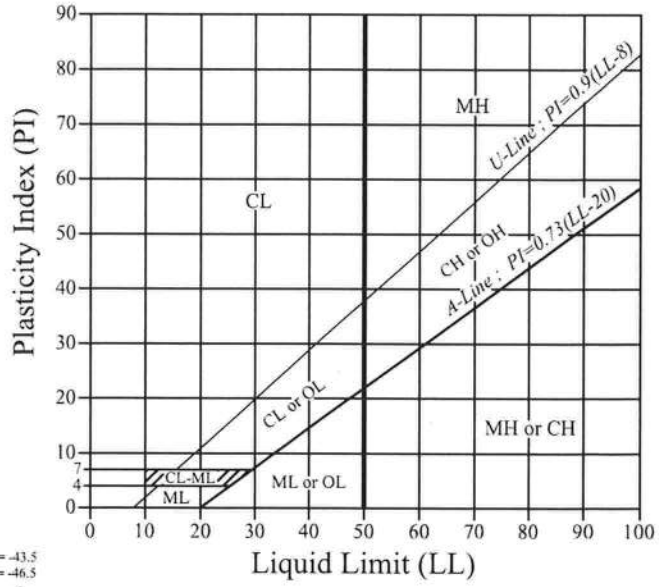
▲ SPT N VALUE ▲
20 40 60 80
PL MC LL
20 40 60 80
☐ FINES CONTENT (%) ☐
20 40 60 80



Bottom of borehole at 15.0 feet.

UNIFIED SOIL CLASSIFICATION SYSTEM
ASTM DESIGNATION D-2487

MAJOR DIVISIONS			GROUP SYMBOL	TYPICAL NAMES	LABORATORY CLASSIFICATION CRITERIA	
COARSE GRAINED SOILS (More than half of the material is larger than No. 200 sieve)	Gravels (more than half of the coarse fraction is larger than No. 4 sieve)	Clean gravels	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.	Determine percentage of sand and gravel from grain size curve. Depending on percentage of fines (fraction smaller than No. 200 Sieve size), coarse grained soils are classified as follows: Less than 5% ..... GW, GP, SW, SP; More than 12% ... GM, GC, SM, SC; 5 to 12% ..... Borderline cases requiring dual symbols	$C_u = \frac{D_{60}}{D_{10}} > 4 \quad ; \quad 1 < C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}} < 3$
			GP	Poorly graded gravels, gravel-sand mixture, little or no fines.		Not meeting all gradation requirments of GW
		Gravel with fines	GM	Silty gravels, gravel-sand-silt mixtures.	Atterberg Limits below A-Line or PI less than 4	Above A-Line with PI between 4 and 7 are borderline cases requiring the use of dual symbols.
			GC	Clayey gravels, gravel-sand-clay mixtures.	Atterberg Limits above A-Line or PI greater than 7	
	Sands (more than half of the coarse fraction is smaller than No. 4 sieve)	Clean sands	SW	Well-graded sands, gravelly sands, little or no fines.		$C_u = \frac{D_{60}}{D_{10}} > 6 \quad ; \quad 1 < C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}} < 3$
			SP	Poorly graded sands, gravelly sands, little or no fines.		Not meeting all gradation requirments of SW
		Sands with fine	SM	Silty sands, sand-silt mixtures.	Atterberg Limits below A-Line or PI less than 4	Limits plotting in hatched zone with PI between 4 and 7 are borderline cases requiring the use of dual symbols.
			SC	Clayey sands, sand-clay mixtures.	Atterberg Limits above A-Line or PI greater than 7	
FINE GRAINED SOILS (More than half of the material is finer than No. 200 sieve)	Silts and Clays (LL less than 50)		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity.	PLASTICITY CHART 1. Plot intersection of PI as determined by the Atterberg Limits tests. 2. Points plotted above the A-Line indicate clay soils. 3. Points plotted below the A-Line indicate silt.	
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clay.		
			OL	Organic silts and organic silty clays of low plasticity.		
	Silts and Clays (LL greater than 50)		MH	Inorganic silts, micaceous or diato-maceous fine sandy or silty soils, elastic silts.		
			CH	Inorganic clays of high plasticity, fat clay.		
			OH	Organic clays of medium to high plasticity, organic silts.		
	Highly Organic Soils		Pt	Peat and other highly organic soils.		



CAL-TECH TESTING, INC.
P.O. Box 1625
Lake City, Florida 32056-1625
Phone: 386-755-3633 Fax: 386-752-5456

5% Max. Passing the U.S. No. 200 Sieve ..... SP
5% - 12% Passing the U.S. No. 200 Sieve ..... SP-SM
12% - 50% Passing the U.S. No. 200 Sieve ..... SM/SC

KEY TO TEST DATA

STANDARD PENETRATION TEST:
Soil sampling and penetration testing is performed in accordance with ASTM D-1586. The standard penetration resistance ("*N*") is the number of blows of a 140-pound hammer falling 30 inches to drive a 2-inch O.D., 1.4-inch I.D. split spoon sampler one foot.

ROCK CORE DRILLING:
Rock sampling and core drilling is performed in accordance with ASTM D-2113. The rock quality designation percentage (RQD) is determined by summing only pieces of core that are at least 4 inches long, and dividing by the "run" length.

Relation of RQD and In-situ Rock Quality

RQD (%)	Rock Quality
90 -100	Excellent
75 - 90	Good
50 -75	Fair
25 - 50	Poor
0 - 25	Very Poor

RELATIVE DENSITY (SANDS):

Very loose - less than 4 blows/ft.
Loose - 5 to 10 blows/ft.
Medium - 11 to 30 blows/ft.
Dense - 31 to 50 blows/ft.
Very dense - over 50 blows/ft.

CONSISTENCY (SILTS & CLAYS):

Very soft - less than 2 blows/ft.
Soft - 3 to 4 blows/ft.
Medium stiff - 5 to 8 blows/ft.
Stiff - 9 to 15 blows/ft.
Very stiff - 16 to 30 blows/ft.
Hard - 31 to 50 blows/ft.
Very hard - over 50 blows/ft.

HARDNESS (ROCKS):

Soft - Rock core crumbles when handled.
Medium - Can break core with hands.
Moderately hard - Thin edges of rock core can be broken with fingers.
Hard - Thin edges of core can not be broken with fingers.
Very hard - Can not be scratched with knife.

GROUNDWATER:
Water levels shown on boring logs are taken immediately upon completion of boring, and are intended for general information. The apparent level may have been altered by the drilling process. Groundwater levels, if desired, can be monitored over a long time interval.

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5% Max. Passing the U.S. No. 200 Sieve ..... SP
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12% - 50% Passing the U.S. No. 200 Sieve ..... SM/SC

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 07-4S-16-02791-108 **Building permit No.** 000027724

Use Classification METAL STORAGE BLDG. **Fire:** 0.00

Permit Holder RONALD JUSTICE **Waste:** 0.00

Owner of Building RONALD & CONNIE JUSTICE **Total:** 0.00

Location: 529 SW MADISON CT., LAKE CITY, FL

Date: 08/31/2009

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 5536 56 Baya Dr
City Lake City Phone 386-752-1703

Site Location: Subdivision
Lot # 8 Block# Permit # 0000 27724
Address 529 SW Madison Ct Lake City

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
Main Body	2400	200	125

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 _____.

4/27/09 Date | 8:20 Time | Neil S. FL295 Print Technician's Name

Remarks: _____

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

DESIGN CRITERIA

Width (ft)	= 40
Length (ft)	= 60
Front Eave Height (ft)	= 16
Back Eave Height (ft)	= 16
Front Roof Slope (Rise/12)	= 1.0:12
Dead Load (psf)	= 2.000
Collateral Load (psf)	= 0
Roof Live Load (psf)	= 20.00
Frame Live Load (psf)	= 20.00 W/REDUCTION
Roof Snow Load (psf)	= 0
Wind Speed (mph)	= 110
Wind Code	= FBC 07 (IBC 06)
Occupancy Category	= II – Normal
Exposure	= B
Closed/Open/Partial	= CLOSED
Importance – Wind	= 1.00
Internal GCpi (ENCLOSED)	= +0.18 / –0.18
(PART. ENCLOSED)	= +0.55 / –0.55
(OPEN)	= +0.00 / –0.00

Structural Steel

ASTM# (Plate)	= A1011
Plate Yield (Fy)	= 50.0 ksi
ASTM# (Bar)	= A592
Plate Yield (Fy)	= 50.0 ksi

Light Gage Steel

ASTM# (Cold–Form)	= A1011
Cold–Form Yield (Fy)	= 55.0 ksi
ASTM# (Panel)	= A792
Panel Yield (Fy)	= 80.0 ksi

NOTE: ALL CONNECTION BOLTS ARE DESIGNATED IN THESE DRAWINGS AS EITHER A "M" FOR A307 BOLTS OR A "H" FOR A325 BOLTS.

NOTES TO ERECTOR/OWNER:

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

[2] USE ONLY THE ERECTION DRAWINGS PROVIDED BY MBM AND INCLUDED IN THE ERECTOR'S PACKAGE DELIVERED BY THE TRUCK DRIVER WITH THE BUILDING. MBM 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 MBM. MBM 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 MBM BEFORE MAKING ANY FIELD MODIFICATION TO THE BUILDING. MBM DOES NOT PAY CLAIMS FOR ERROR CORRECTION UNLESS APPROVED IN WRITING BY MBM BEFOREHAND.

FLORIDA PRODUCT APPROVAL NUMBER	
26 Ga. PBR PANEL	FL#5687.2
3070"M" WALKDOOR	FL#2501

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

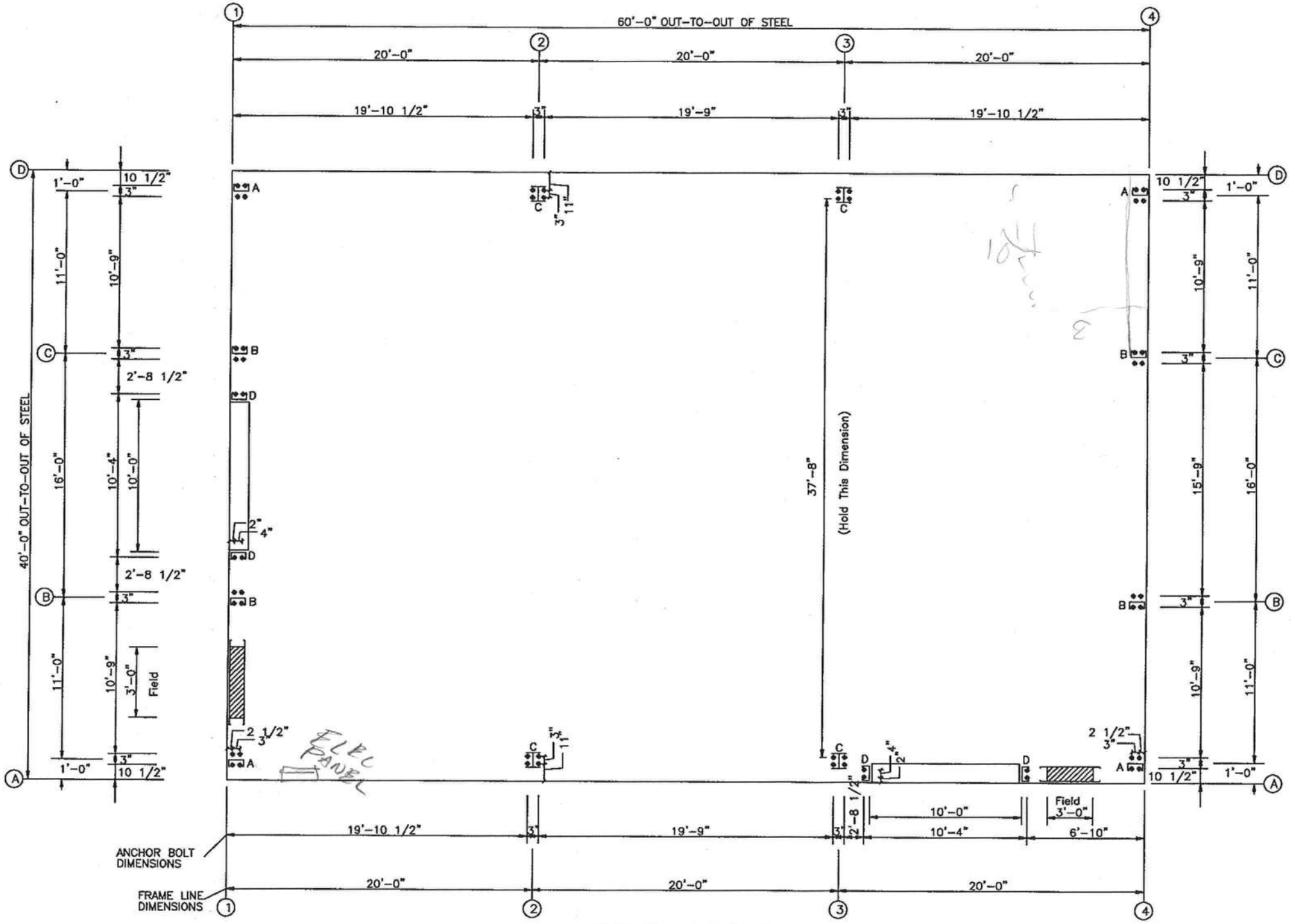
REVISIONS
[1]
[2]
[3]
[4]
[5]

FOR:
RON JUSTICE
529 SW MADISON COURT
LAKE CITY, FL

FROM:
BUCK STEEL, INC.
6810 LYONS TECH. CIR #105
COCONUT CREEK, FL 33073

JOB NO : 1194R2
DATE : 3/17/09
BY : JDH
SCALE : NONE
TITLE : COVER PAGE
NUMBER :
PAGE 0

⊕ Dia= 5/8"
⊗ Dia= 3/4"



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

NOTE: FIELD LOCATE

(2) 3070 F.O.

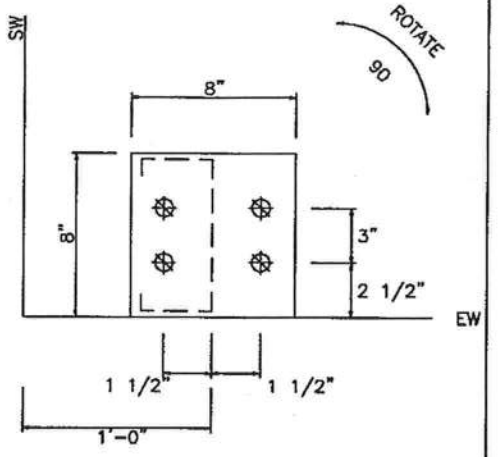
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

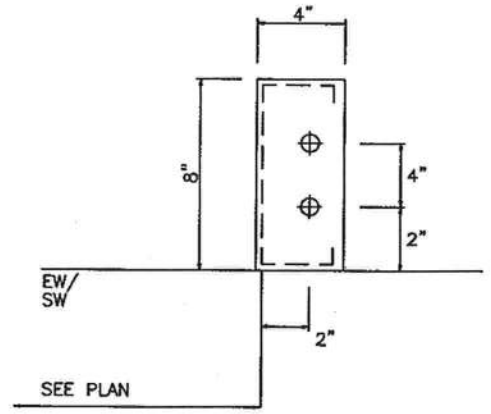
REVISIONS	BUCK STEEL, INC.		
[1]	CUSTOMER: RON JUSTICE		
[2]	JOB NO: 1194R2	DATE: 3/17/09	
[3]	LOCATION: LAKE CITY, FL		
	DRAWING NAME: ANCHOR BOLT LAYOUT		SCALE: NONE
	DRAWING NO: PAGE 1	DRAWN BY: JDH	CHECKED BY: BHM

Dia= 3/4"



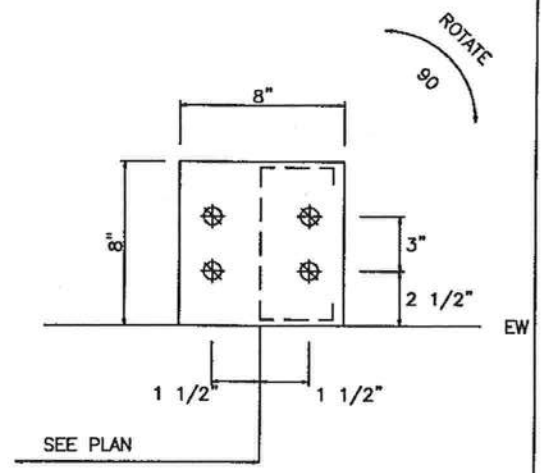
DETAIL A

Dia= 5/8"



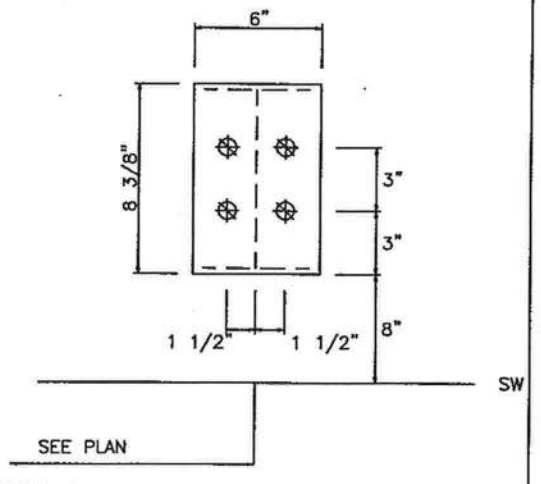
DETAIL D

Dia= 3/4"



DETAIL B

Dia= 3/4"



DETAIL C

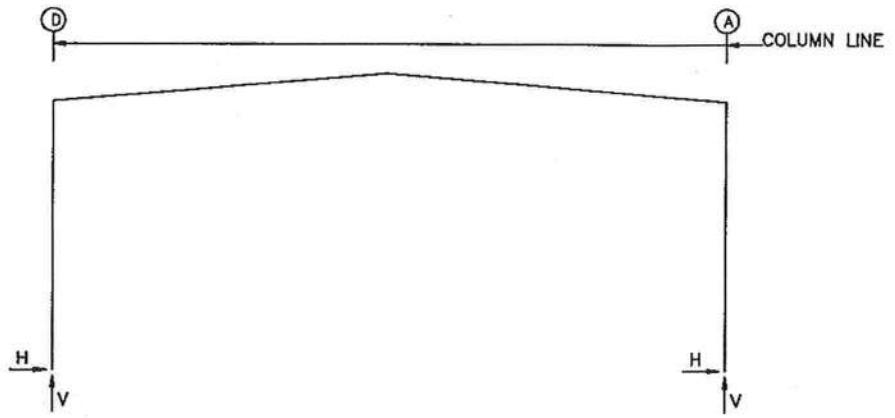
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: ANCHOR BOLT DETAILS		SCALE: NONE
	DRAWING NO: PAGE 1.1	DRAWN BY: JDH	CHECKED BY: BHM

FRAME LINES: 2 3



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 (in) Len	Thk	Grout (in)
2 *	D	3	1.9	2.0	4	-3.2	-3.2	4	0.750	6.000	8.380	0.375	0.0
		1	1.8	6.1	6	-0.1	-8.5						
2 *	A	5	3.2	-3.2	2	-1.9	2.0	4	0.750	6.000	8.380	0.375	0.0
		1	-1.8	6.1	7	0.1	-8.5						

2 * Frame lines: 2 3

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)	=	40.0
Length (ft)	=	60.0
Eave Height (ft)	=	16.0/ 16.0
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)	=	20.00 W/REDUCTION
Wind Speed (mph)	=	110.0
Wind Code	=	FBC 07 (IBC 06)
Exposure	=	B
Closed/Open/Partial	=	C
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Design Category	=	B
Seismic Coeff (Fa*Ss)	=	0.19

5. Loading conditions are:
   1 DL+CL+LL
   2 DL+CL+0.75LL+0.75WL1
   3 DL+CL+0.75LL+0.75WR1
   4 0.60DL+WL2
   5 0.60DL+WR2
   6 0.60DL+LnWnd1+LWIND1_L2E
   7 0.60DL+LnWnd1+LWIND1_R2E
   8 0.60DL+WL2+WS
   9 DL+CL+0.75LL+0.75WR2+0.75WS
   10 0.60DL+WR2+WS
   11 0.60DL+WP+LnWnd1

ANCHOR BOLT SUMMARY

Qty	Loc	Dia (in)	Type	Projection (in)
8	DJ	5/8"	A307	1.50
32	EW	3/4"	A307	1.50
16	RF	3/4"	A307	2.50

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead Horiz	Dead Vert	Live Horiz	Live Vert	Wind_L1 Horiz	Wind_L1 Vert	Wind_R1 Horiz	Wind_R1 Vert	Wind_L2 Horiz	Wind_L2 Vert	Wind_R2 Horiz	Wind_R2 Vert
2 *	D	0.33	1.25	1.51	4.81	-3.27	-6.55	0.60	-3.91	-3.42	-3.93	0.46	-1.22
2 *	A	-0.33	1.25	-1.51	4.79	-0.60	-3.91	3.27	-6.55	-0.46	-1.22	3.42	-3.93

Frame Line	Column Line	Wind_Ln1 Horiz	Wind_Ln1 Vert	Wind_Ln2 Horiz	Wind_Ln2 Vert	Seismic_L Horiz	Seismic_L Vert	Seismic_R Horiz	Seismic_R Vert	LWIND1_L2E Horiz	LWIND1_L2E Vert	LWIND1_R2E Horiz	LWIND1_R2E Vert
2 *	D	-0.30	-6.41	0.45	-4.05	-0.07	-0.06	0.07	0.06	-0.03	-0.99	-0.12	-0.13
2 *	A	0.30	-6.41	-0.45	-4.05	-0.07	0.06	0.07	-0.06	0.12	-0.13	0.03	-0.99

Frame Line	Column Line	LWIND2_L3E Horiz	LWIND2_L3E Vert	LWIND2_R3E Horiz	LWIND2_R3E Vert
2 *	D	-0.01	-0.42	-0.05	-0.05
2 *	A	0.05	-0.05	0.01	-0.42

2 * Frame lines: 2 3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Live Vert	Rafter Wind_L Vert	Rafter Wind_R Vert	Brace Wind_L Vert	Brace Wind_R Vert	Wind_P Horz	Wind_S Horz	Wind_Ln1 Vert	Wind_Ln2 Vert	Seis_L Vert	Seis_R Vert
1	D	0.16	0.93	-0.97	-0.54	-0.97	-0.54	0.00	0.00	-0.75	-0.48	0.00	0.01
1	C	0.45	3.14	-3.07	-2.00	-3.07	-2.00	-1.72	1.88	-2.50	-1.58	0.00	-0.01
1	B	0.45	3.14	-2.00	-3.06	-2.00	-3.06	-1.72	1.88	-2.50	-1.58	0.00	0.00
1	A	0.16	0.93	-0.53	-0.99	-0.53	-0.99	0.00	0.00	-0.75	-0.48	0.00	0.00

Frm Line	Col Line	LWIND1_L Horz	LWIND1_L Vert	LWIND1_R Horz	LWIND1_R Vert
1	D	0.00	-0.37	0.00	-0.01
1	C	0.00	-0.23	0.00	0.04
1	B	0.00	0.04	0.00	-0.22
1	A	0.00	-0.01	0.00	-0.37

Frm Line	Col Line	Dead Vert	Live Vert	Rafter Wind_L Vert	Rafter Wind_R Vert	Brace Wind_L Vert	Brace Wind_R Vert	Wind_P Horz	Wind_S Horz	Wind_Ln1 Vert	Wind_Ln2 Vert	Seis_L Vert	Seis_R Vert
4	A	0.16	0.93	-0.98	-0.53	-0.98	-0.53	0.00	0.00	-0.75	-0.48	0.00	0.00
4	B	0.45	3.14	-3.06	-2.00	-3.06	-2.00	-1.72	1.88	-2.50	-1.58	0.00	0.00
4	C	0.45	3.14	-2.00	-3.06	-2.00	-3.06	-1.72	1.88	-2.50	-1.58	0.00	0.00
4	D	0.16	0.93	-0.53	-0.98	-0.53	-0.98	0.00	0.00	-0.75	-0.48	0.00	0.00

Frm Line	Col Line	LWIND1_L Horz	LWIND1_L Vert	LWIND1_R Horz	LWIND1_R Vert
4	A	0.00	-0.37	0.00	-0.01
4	B	0.00	-0.22	0.00	0.04
4	C	0.00	0.04	0.00	-0.22
4	D	0.00	-0.01	0.00	-0.37

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 (in) Len	Thk	Grout (in)
1	D	8	0.0	-2.6	8	0.0	-2.6	4	0.750	8.000	8.000	0.250	0.0
		9	0.0	1.8									
1	C	10	1.9	-3.5	11	-1.7	-2.2	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	3.6	10	1.9	-3.5						
1	B	10	1.9	-2.8	11	-1.7	-2.2	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	3.6	10	1.9	-2.8						
1	A	10	0.0	-0.9	10	0.0	-0.9	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	1.1									
4	A	8	0.0	-0.9	8	0.0	-0.9	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	1.1									
4	B	8	1.9	-4.0	11	-1.7	-2.2	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	3.6	8	1.9	-4.0						
4	C	10	1.9	-4.0	11	-1.7	-2.2	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	3.6	10	1.9	-4.0						
4	D	10	0.0	-0.9	10	0.0	-0.9	4	0.750	8.000	8.000	0.250	0.0
		1	0.0	1.1									

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	D ,C	1.4	1.8	0.1	0.1	
F_SW	A	2 ,3	2.6	1.8	0.2	0.1	
R_EW	4	B ,C	1.4	1.2	0.1	0.1	
B_SW	D	3 ,2	2.6	1.8	0.2	0.1	

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

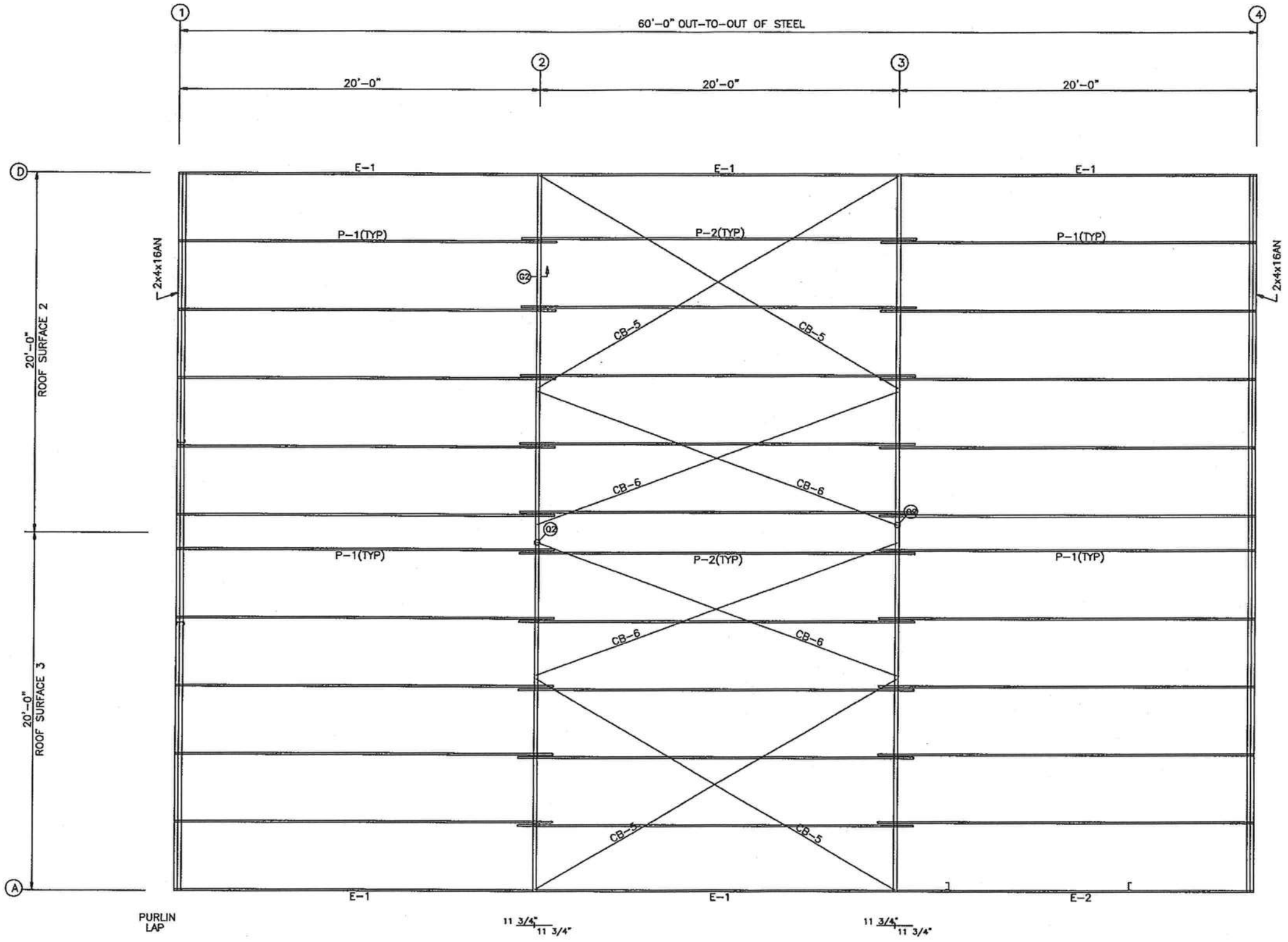
REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

BUCK STEEL, INC.			
CUSTOMER: RON JUSTICE			
JOB NO: 1194R2		DATE: 3/17/09	
LOCATION: LAKE CITY, FL			
DRAWING NAME: ANCHOR BOLT REACTIONS		SCALE: NONE	
DRAWING NO: PAGE 1.2	DRAWN BY: JDH	CHECKED BY: BHM	

REVISIONS
[1]
[2]
[3]

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	8x25Z16	20'-11 1/2"
P-2	8x25Z16	21'-11 1/2"
E-1	8ES14@1	19'-11 1/2"
E-2	8ES14@1	19'-11 1/2"
CB-5	1/4 CBL	22'-10"
CB-6	1/4 CBL	21'-10"



ROOF FRAMING PLAN

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

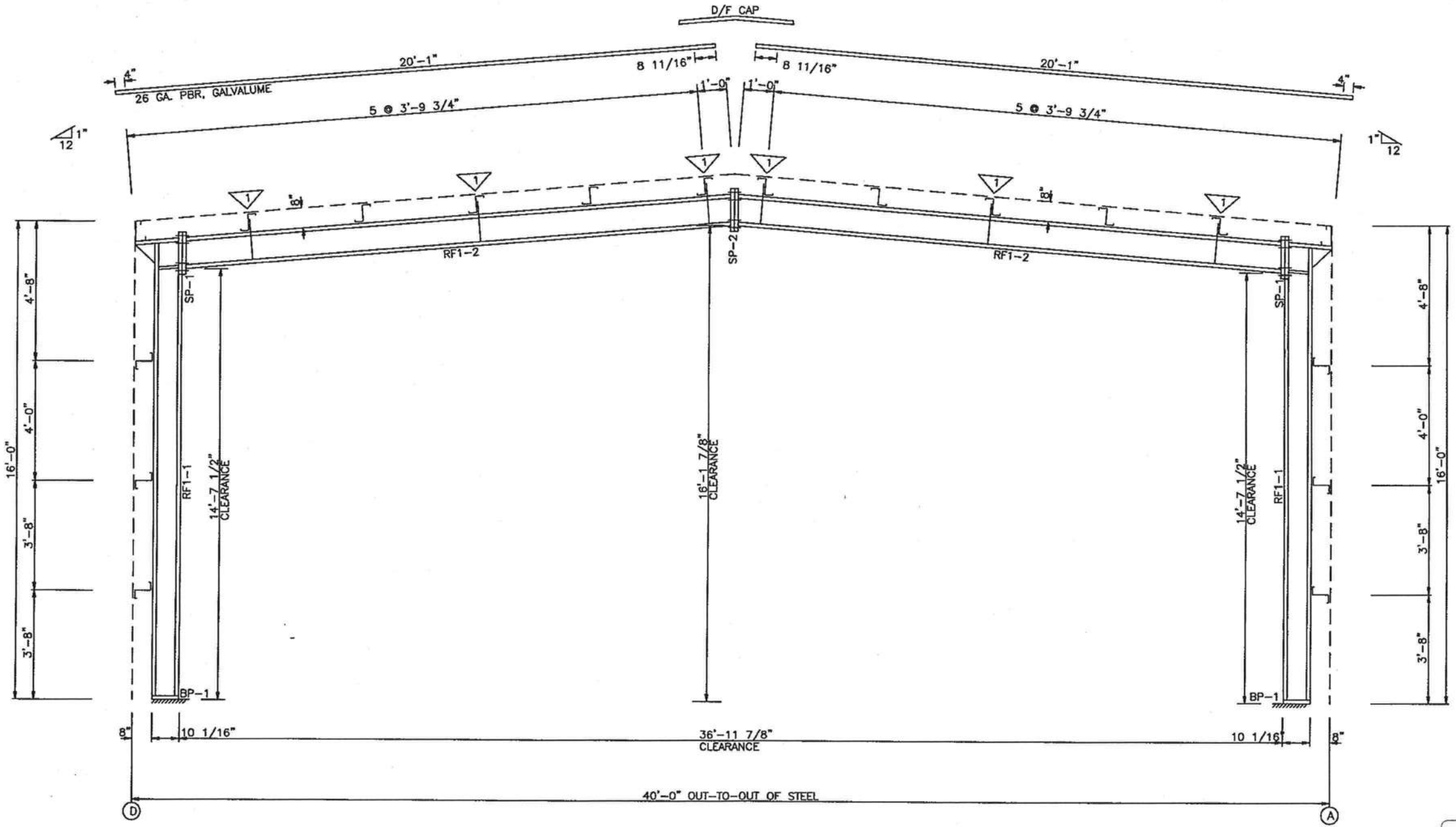
	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
REVISIONS	JOB NO: 1194R2	DATE: 3/17/09	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: ROOF FRAMING LAYOUT		SCALE: NONE
[3]	DRAWING NO: PAGE 2	DRAWN BY: JDH	CHECKED BY: BHM

SPLICE BOLTS							
SPLICE MARK	QUAN Top/	Bot/	Int	BOLT TYPE	DIA	Length	
SP- 1	4	4	0	A325	3/4"	2	1/2"
SP- 2	4	4	0	A325	5/8"	2	1/2"

FLANGE BRACE TABLE FRAME LINE 2 3			
▽ ID	# SIDES	MARK	LENGTH
1	1	FB1	2'-3 1/2"

BASE PLATES				
COL MARK	PLATE SIZE Width	THICK	Length	
BP- 1	6"	3/8"	8	3/8"

MEMBER SIZE TABLE					
MARK	WEB DEPTH START/END	WEB PLATE THICK	LENGTH	OUTSIDE FLANGE W x T x LENGTH	INSIDE FLANGE W x T x LENGTH
RF1-1	7.7/ 9.5	0.134	14'-3 1/4"	5 x 1/4" x 15'-4"	5 x 5/16" x 14'-3 1/4"
	9.5/ 9.5	0.250	1'-1 9/16"	5 x 1/4" x 1'-5 13/16	
RF1-2	9.5/ 9.5	0.134	18'-5 15/16"	5 x 1/4" x 18'-5 1/8"	5 x 1/4" x 18'-5 1/8"



RIGID FRAME ELEVATION

FOR FRAME LINE 2 3

Richard T. Smith

PE # 43547

102 Main Street Ste#212

Lagrange, Georgia Ph: (706) 888-4874

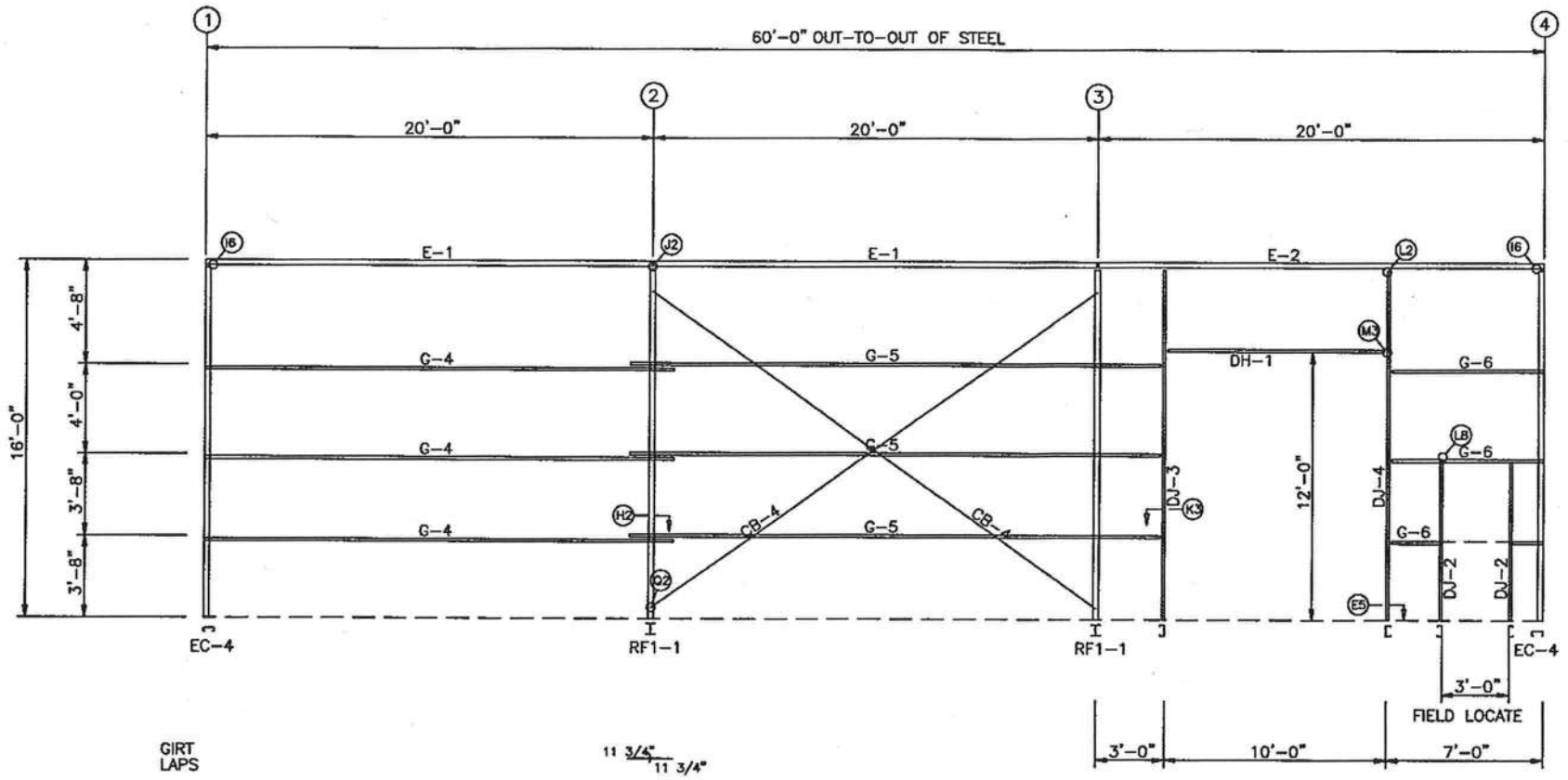
REVIEWED

By Richard at 4:27 pm, Mar 17, 2009

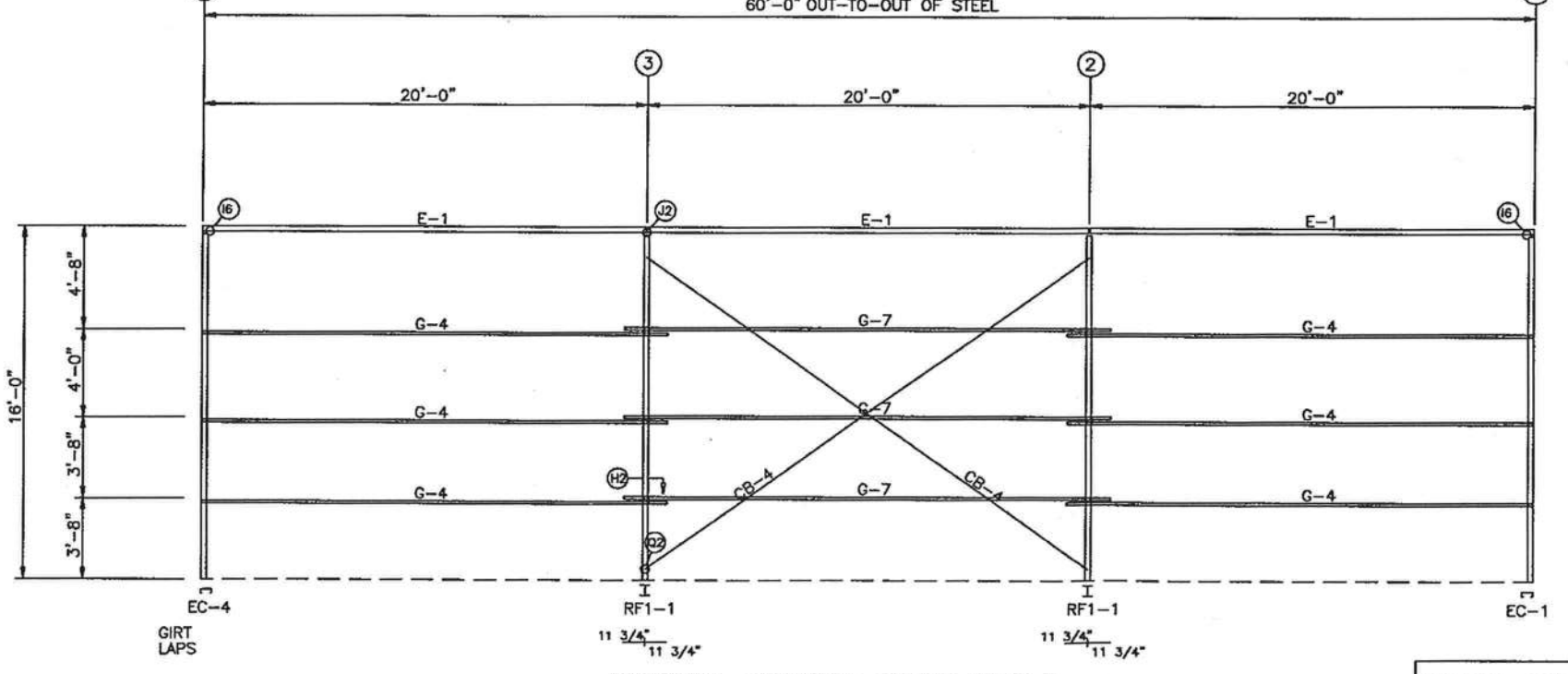
STRUCTURAL STAMP

REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: RIGID FRAME CROSS SECTION		SCALE: NONE
	DRAWING NO: PAGE 2.1	DRAWN BY: JDH	CHECKED BY: BHM

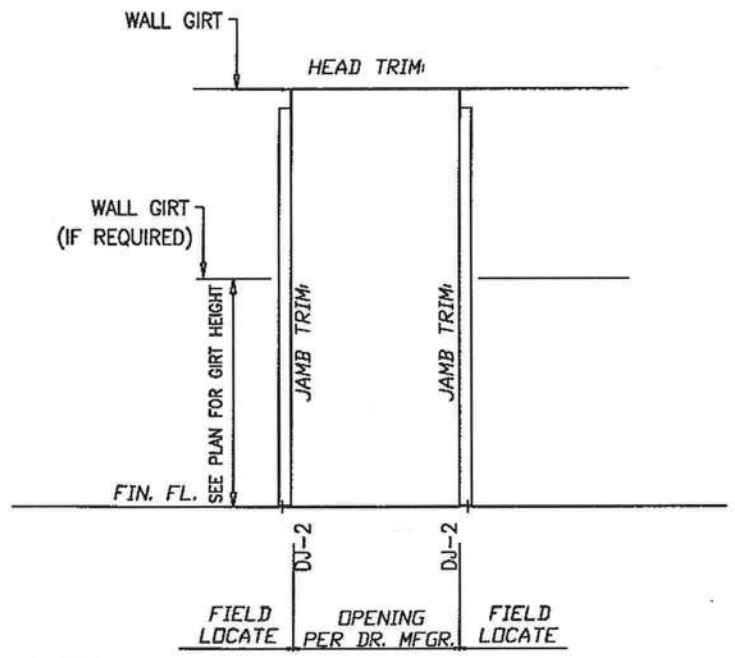
MEMBER TABLE FRAME LINE A & D		
MARK	PART	LENGTH
DJ-2	8x25C16	7'-4"
DJ-3	8X35C16	15'-4 5/8"
DJ-4	8X35C16	15'-4 5/8"
DH-1	8X35C16	10'-0"
E-1	8ES14@1	19'-11 1/2"
E-2	8ES14@1	19'-11 1/2"
G-4	8x25Z16	20'-11 1/2"
G-5	8x25Z16	23'-7 1/2"
G-6	8x25Z16	6'-7 1/2"
G-7	8x25Z16	21'-11 1/2"
CB-4	1/4 CBL	25'-3"



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE D



1. FIELD CUT AND WORK GIRTS, PANELS, AND TRIM AS REQUIRED.
2. REFER TO DETAIL PAGES FOR APPLICABLE TRIM DETAILS.(DETAIL PAGE 5.2.)

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REVIEWED
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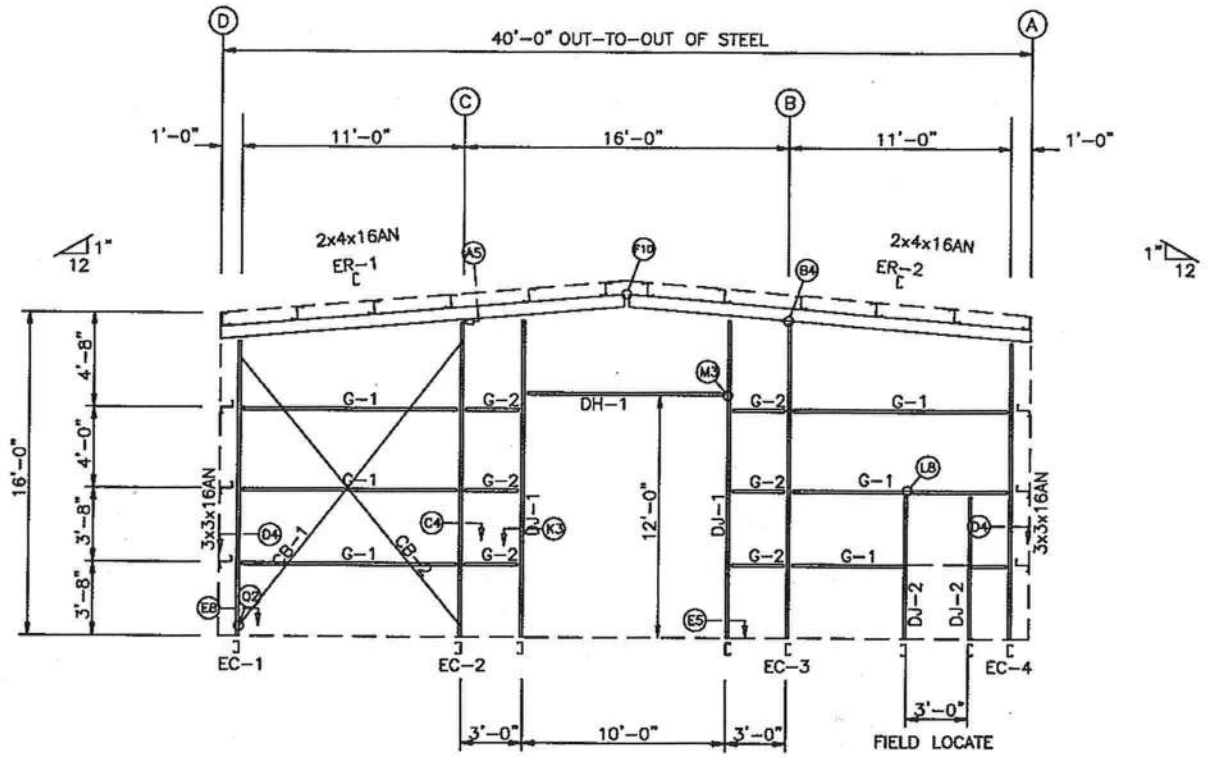
STRUCTURAL STAMP

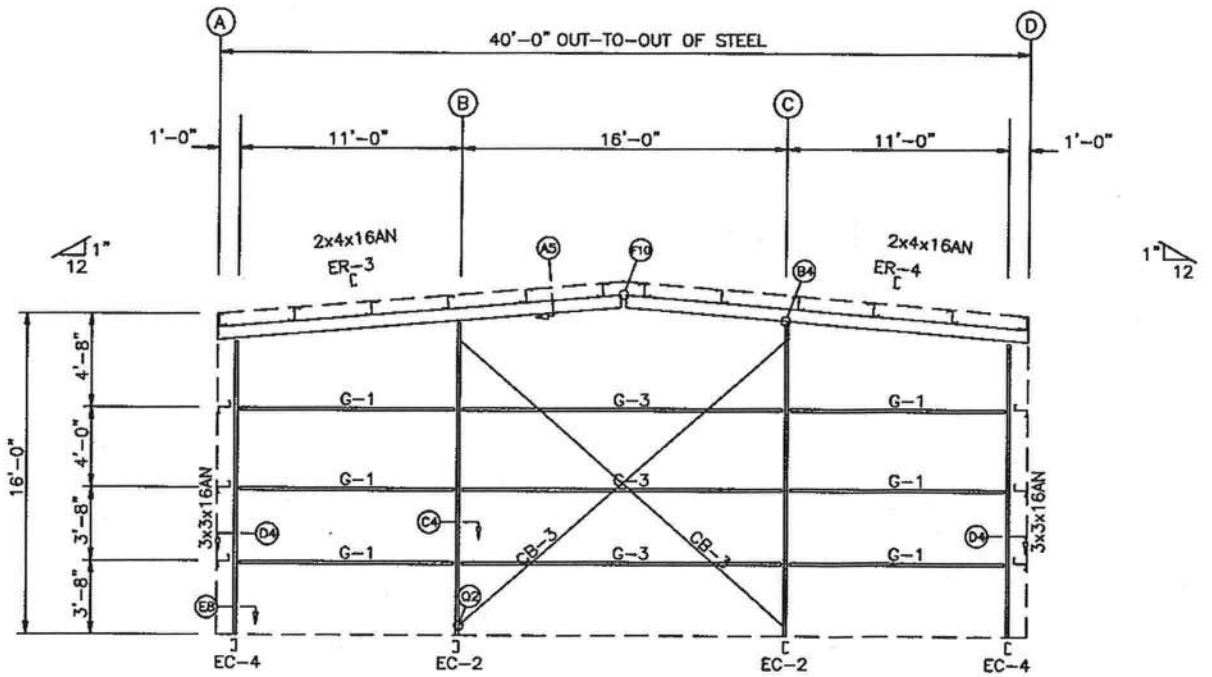
REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: SIDEWALL FRAMING LAYOUT		SCALE: NONE
	DRAWING NO: PAGE 3	DRAWN BY: JDH	CHECKED BY: BHM

BOLT TABLE FRAME LINE 1 & 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	2"
ER-3/ER-4	4	A325	5/8"	2"
Columns/Raf	2	A325	5/8"	1 1/2"
Jamb	2	A325	5/8"	1 1/2"

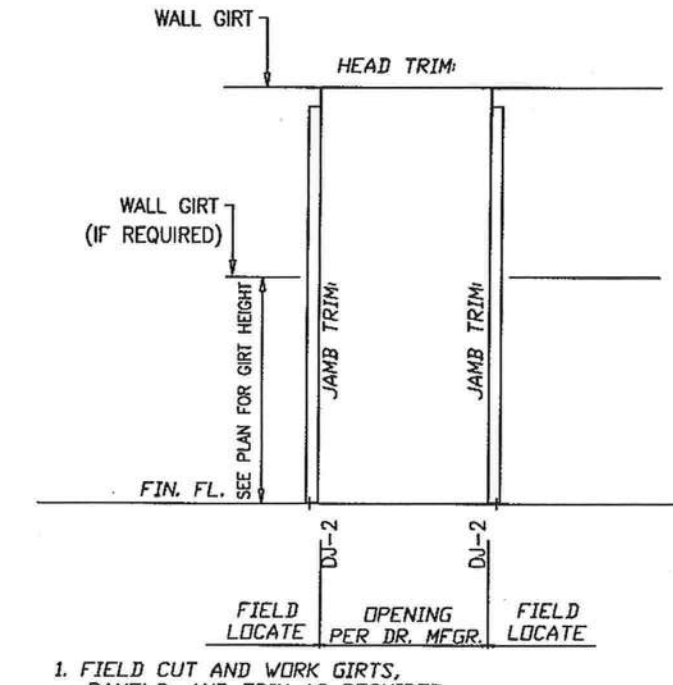
MEMBER TABLE FRAME LINE 1 & 4		
MARK	PART	LENGTH
EC-1	8X35C16	14'-5 15/16"
EC-2	8X35C12	15'-4 15/16"
EC-3	8X35C12	15'-4 15/16"
EC-4	8X35C16	14'-5 15/16"
ER-1	8X35C14	20'-0 9/16"
ER-2	8X35C14	20'-0 9/16"
ER-3	8X35C14	20'-0 9/16"
ER-4	8X35C14	20'-0 9/16"
DJ-1	8X35C16	15'-7 15/16"
DJ-2	8x25C16	7'-4"
DH-1	8X35C16	10'-0"
G-1	8x25Z16	10'-7 1/2"
G-2	8x25Z16	2'-7 1/2"
G-3	8x25Z16	15'-11 1/2"
CB-1	1/4 CBL	18'-9"
CB-2	1/4 CBL	18'-1"
CB-3	1/4 CBL	22'-2"



ENDWALL FRAMING: FRAME LINE 1



ENDWALL FRAMING: FRAME LINE 4



1. FIELD CUT AND WORK GIRTS, PANELS, AND TRIM AS REQUIRED.
2. REFER TO DETAIL PAGES FOR APPLICABLE TRIM DETAILS.(DETAIL PAGE 5.2.)

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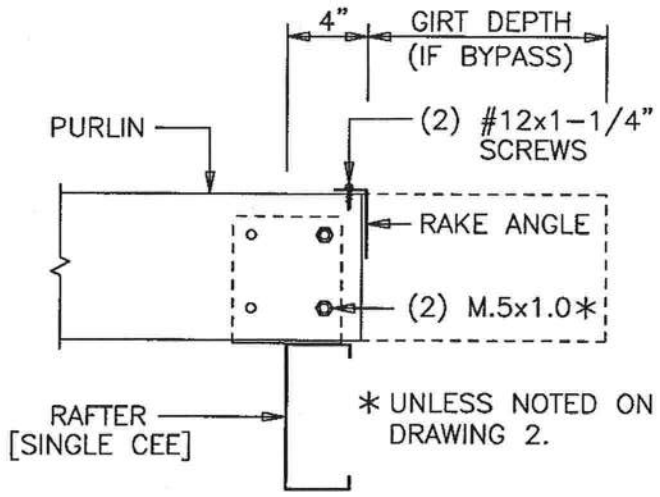
STRUCTURAL STAMP

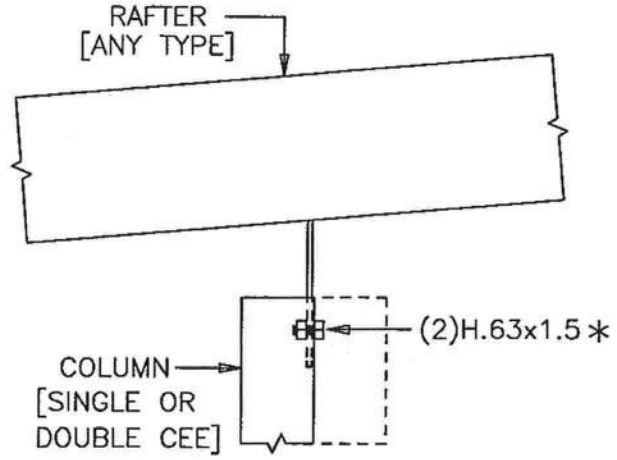
BUCK STEEL, INC.			
CUSTOMER: RON JUSTICE			
REVISIONS	JOB NO: 1194R2		DATE: 3/17/09
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: ENDWALL FRAMING LAYOUT		SCALE: NONE
[3]	DRAWING NO: PAGE 4	DRAWN BY: JDH	CHECKED BY: BHM

DETAIL A5



PURLIN TO ENDWALL RAFTER

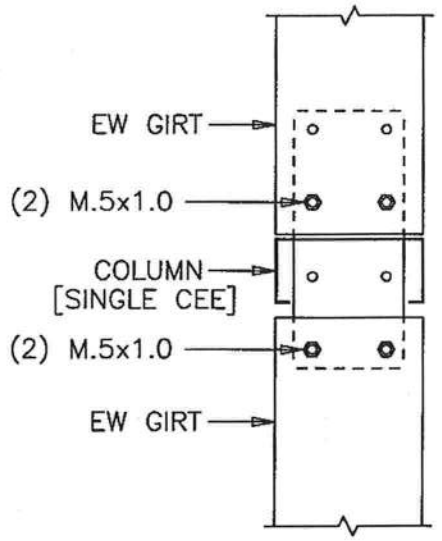
DETAIL B4



* UNLESS NOTED ON DRAWING 4.

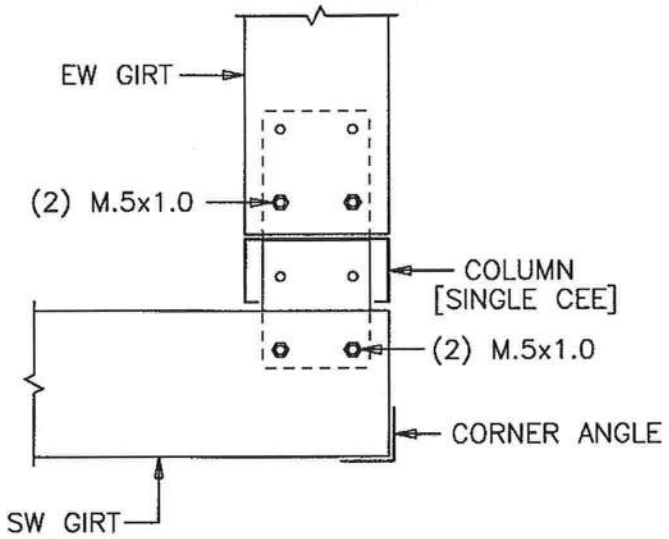
CEE COLUMN / RAFTER CONNECTION

DETAIL C4



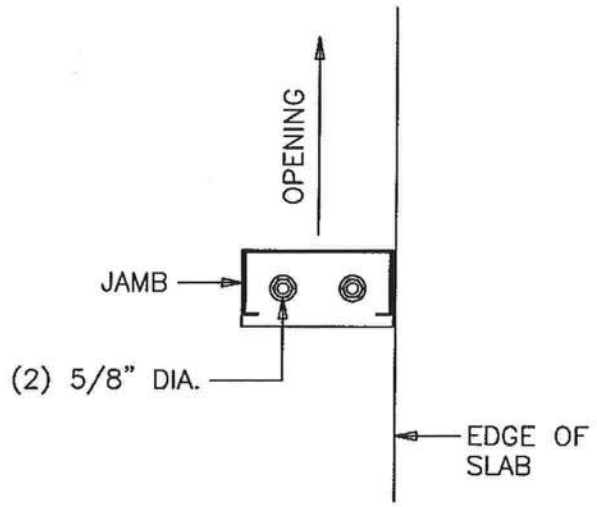
ENDWALL GIRTS TO INTERIOR COLUMN

DETAIL D4



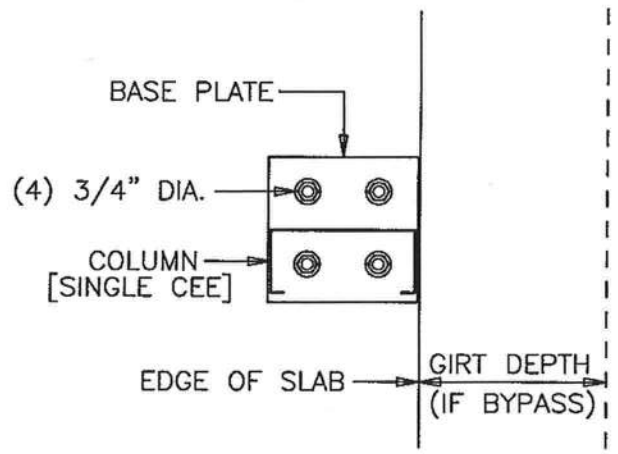
GIRTS TO CORNER COLUMN

DETAIL E5



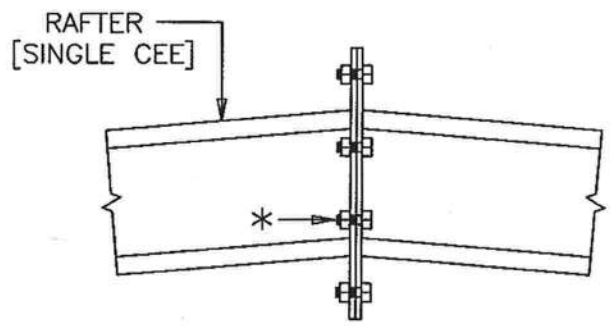
FRAMED OPENING JAMB BASE DETAIL

DETAIL E8



ENDWALL COLUMN BASE DETAIL

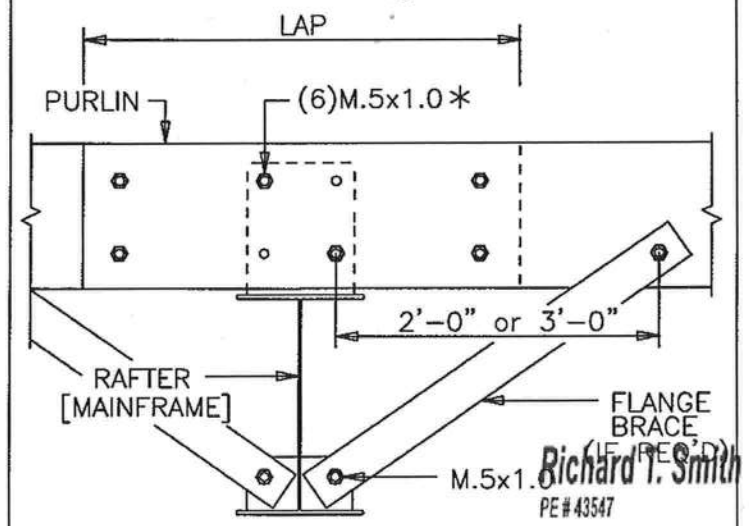
DETAIL F10



* SEE DRAWING 4 FOR SIZE
AND QUANTITY OF BOLTS.

RAFTER DETAIL AT RIDGE

DETAIL G2



* UNLESS NOTED ON DRAWING 2.

PURLIN TO MAINFRAME RAFTER

Richard T. Smith
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102 Main Street Ste#212
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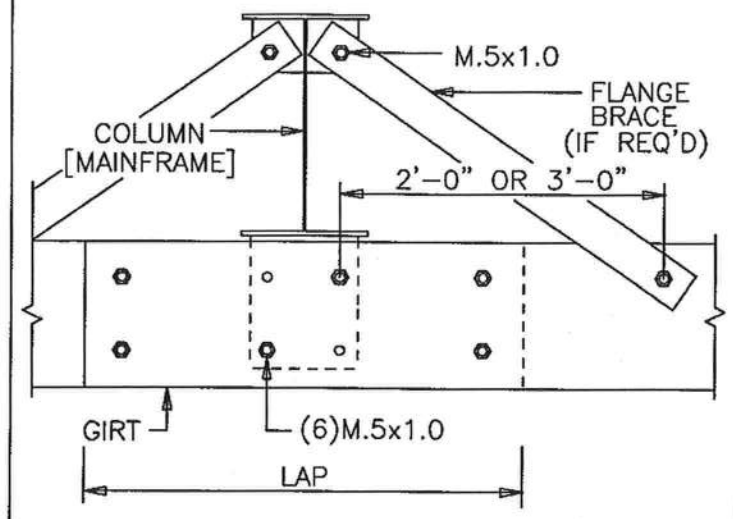
REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

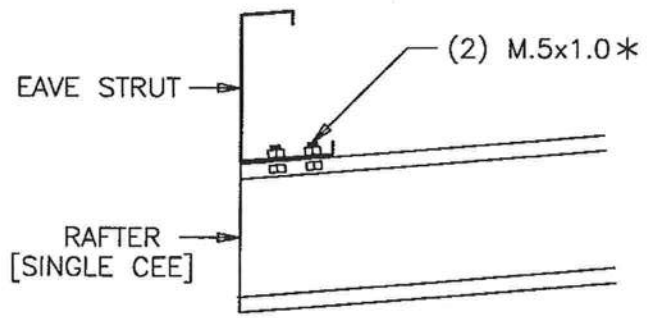
REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5	DRAWN BY: JDH	CHECKED BY: BHM

DETAIL H2



GIRT TO MAINFRAME COLUMN

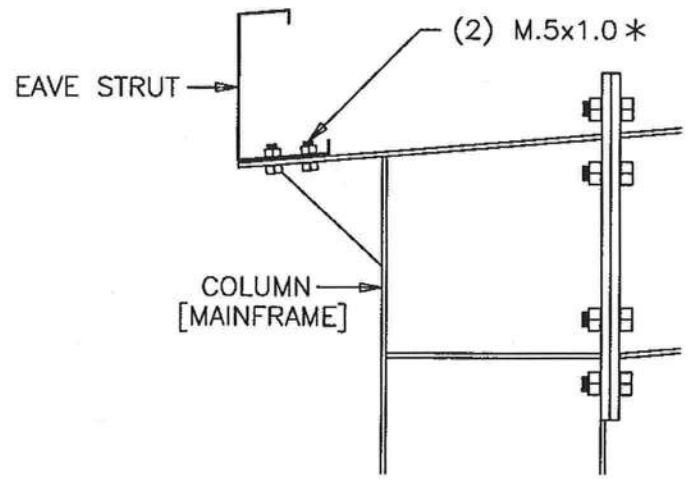
DETAIL I6



*UNLESS NOTED ON DRAWING 2.

EAVE STRUT CONNECTION AT ENDWALL

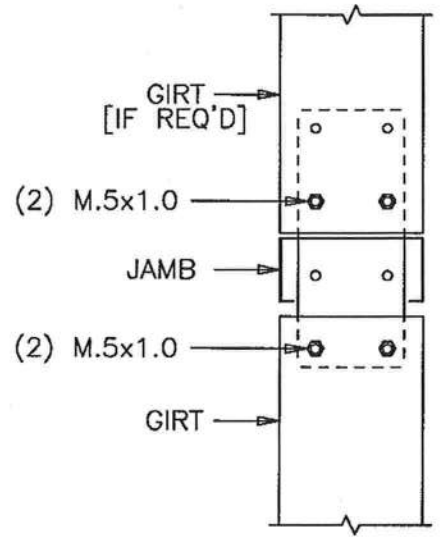
DETAIL J2



*UNLESS NOTED ON DRAWING 2.

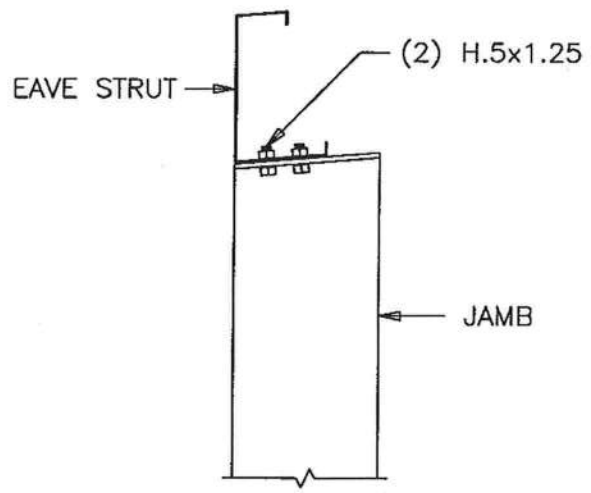
EAVE STRUT CONNECTION AT MAINFRAME

DETAIL K3



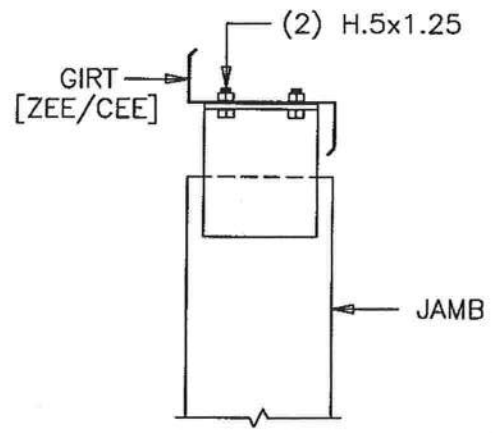
GIRTS TO JAMB

DETAIL L2



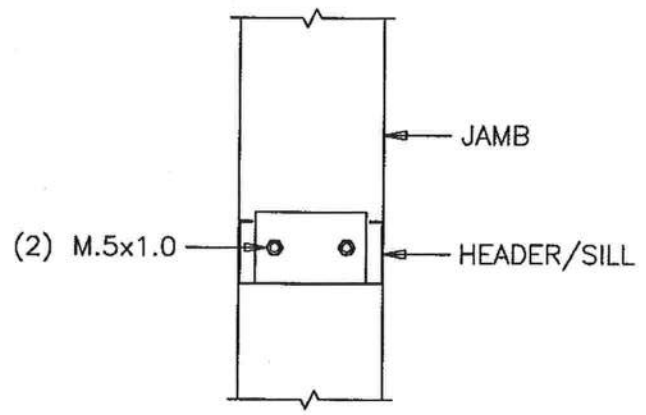
FRAMED OPENING JAMB TO EAVE STRUT

DETAIL L8



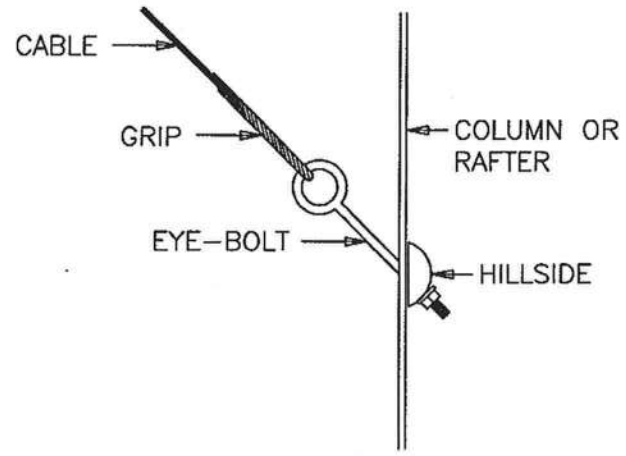
FRAMED OPENING JAMB TO GIRT

DETAIL M3



FRAMED OPENING HEADER/SILL TO JAMB

DETAIL Q2



CABLE INSTALLATION DETAIL

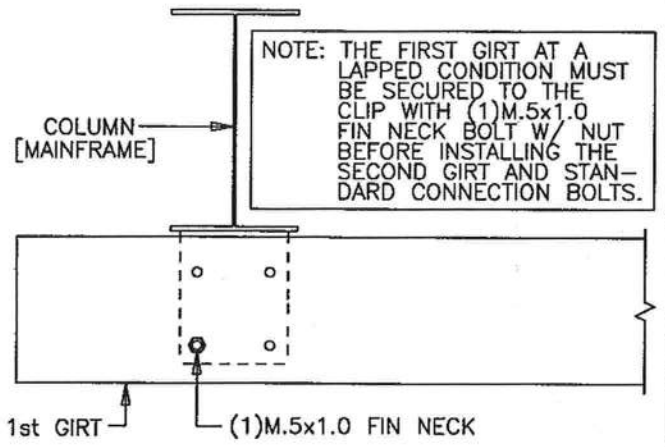
Richard T. Smith
PE# 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

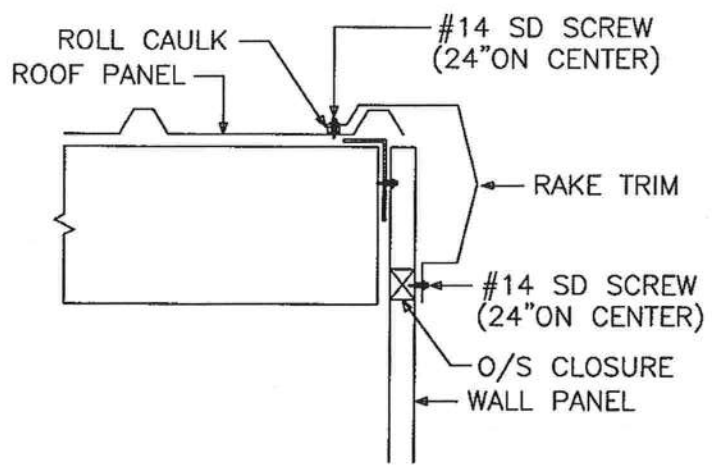
REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5.1	DRAWN BY: JDH	CHECKED BY: BHM

OSHA REQUIREMENT

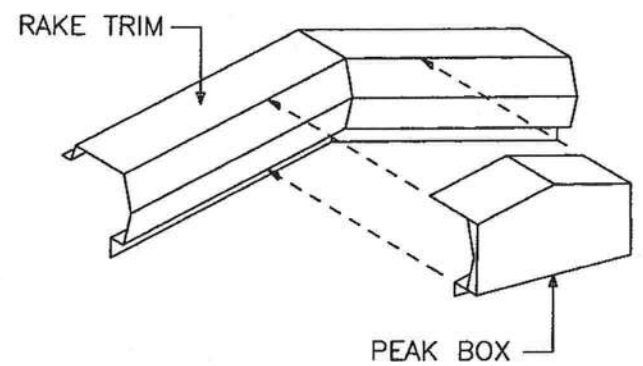


* Directive Number: CPL 2-1.34
* Title: Inspection policy and procedures for OSHA's steel erection standards for construction
* Standard Number: 1926
* Information Date: 03/22/2002

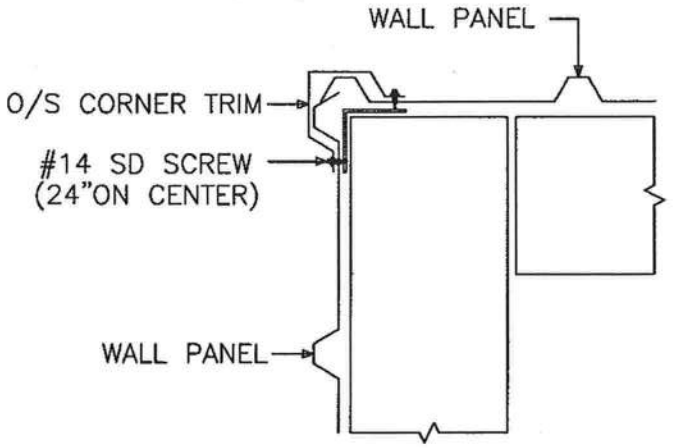
LAPPED GIRTS TO MAINFRAME COLUMN



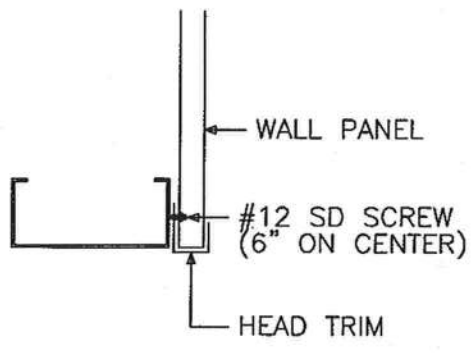
TRIM_3
RAKE TRIM DETAIL



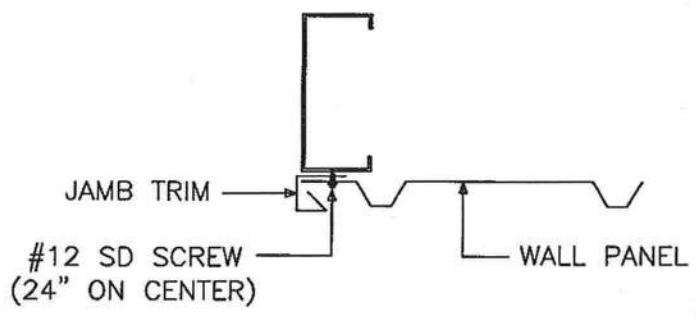
TRIM_4
PEAK BOX DETAIL



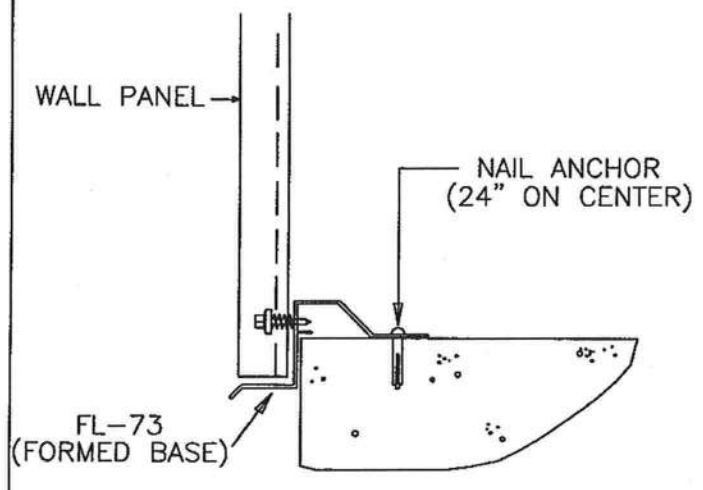
TRIM_5
O/S CORNER DETAIL



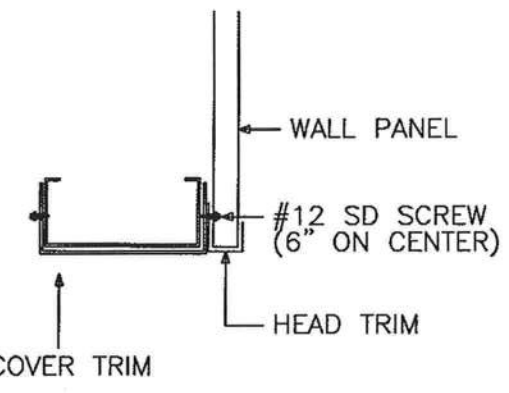
TRIM_6
HEAD TRIM DETAIL AT HEADER



TRIM_8
JAMB TRIM DETAIL AT JAMB



TRIM_9
FORMED BASE DETAIL



TRIM_10
COVER TRIM DETAIL AT HEADER

Richard T. Smith
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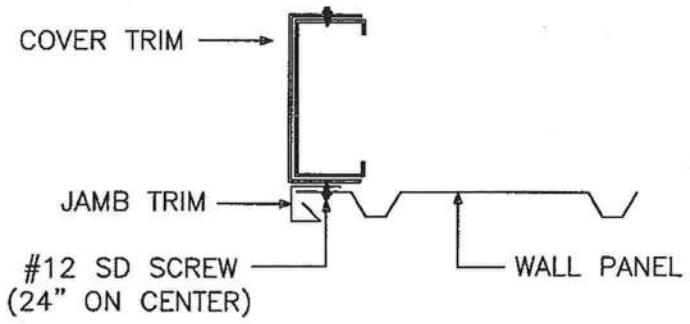
REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

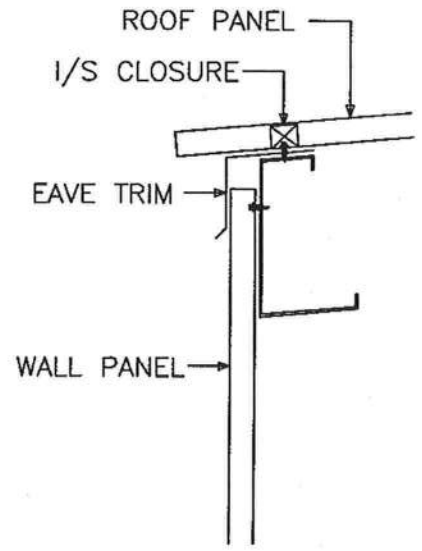
STRUCTURAL STAMP

REVISIONS			
[1]	BUCK STEEL, INC.		
[2]	CUSTOMER: RON JUSTICE		
[3]	JOB NO: 1194R2		DATE: 3/17/09
	LOCATION: LAKE CITY, FL		
	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5.2	DRAWN BY: JDH	CHECKED BY: BHM



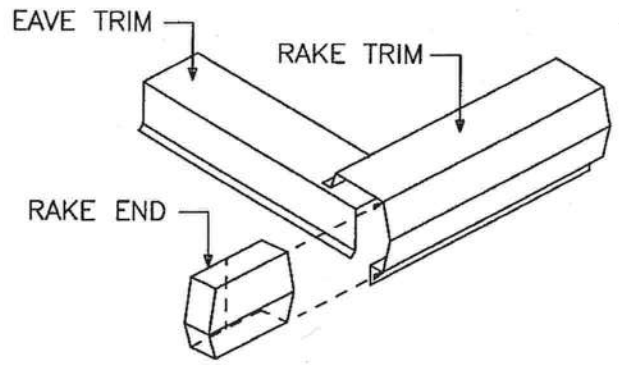
TRIM_11

COVER TRIM DETAIL AT JAMB



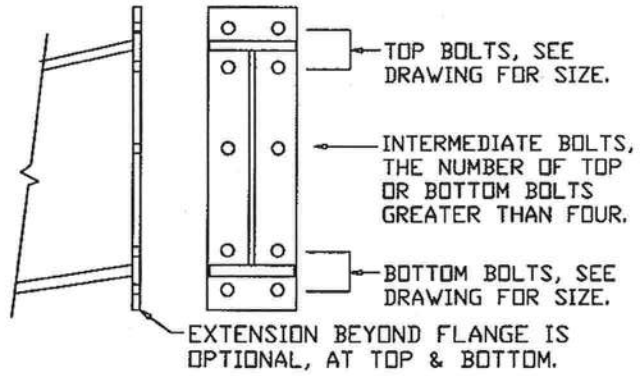
TRIM_12

EAVE TRIM DETAIL



TRIM_13

RAKE END DETAIL



U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK

NOTE:
THE PROPER TIGHTENING AND INSPECTION OF ALL FASTENERS IS THE RESPONSIBILITY 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 MBM 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.

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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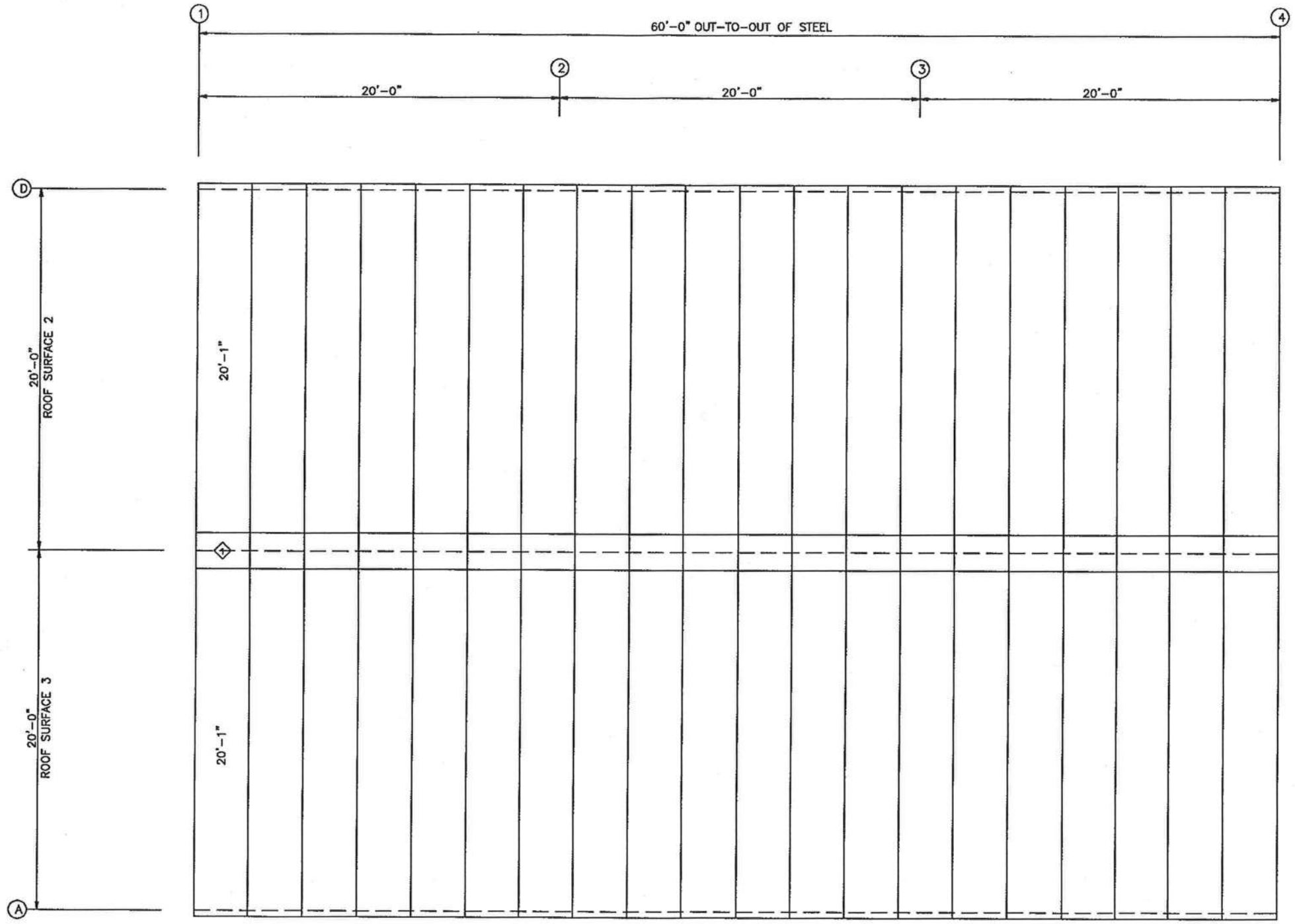
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: FRAMING DETAILS		SCALE: NONE
	DRAWING NO: PAGE 5.3	DRAWN BY: JDH	CHECKED BY: BHM

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



ROOF SHEETING PLAN

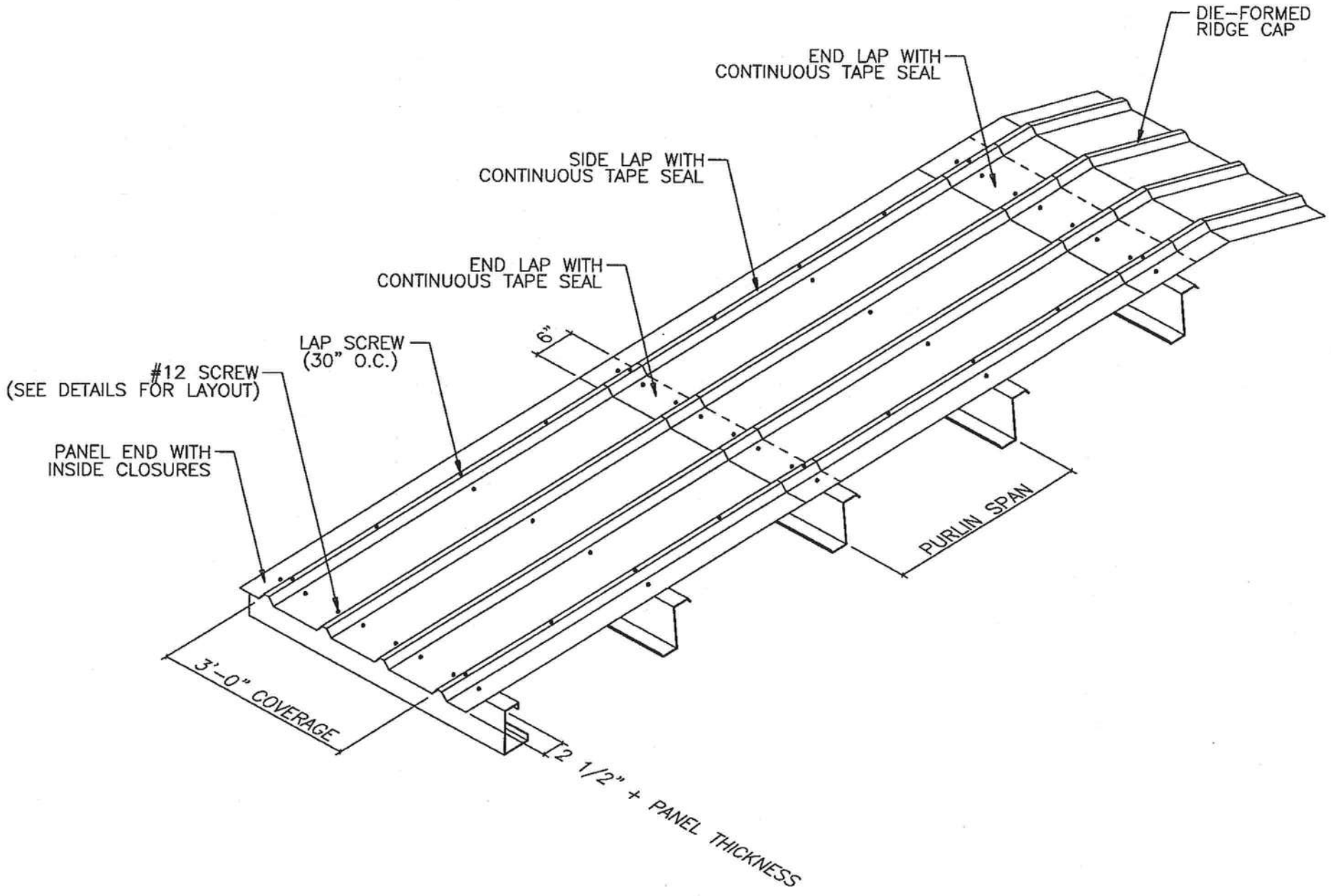
PANELS: 26 GA. PBR – GALVALUME

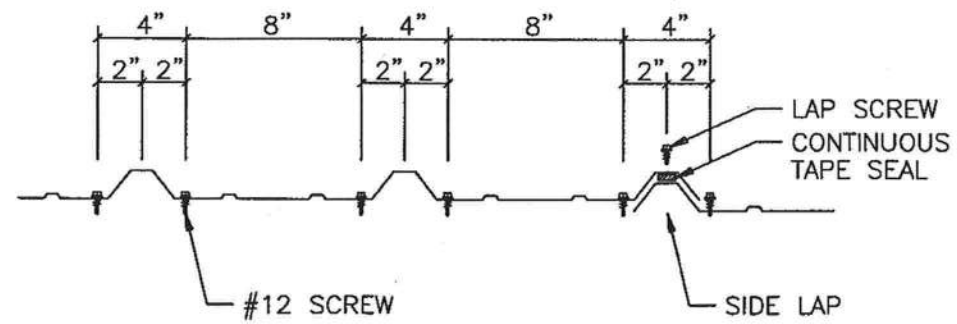
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

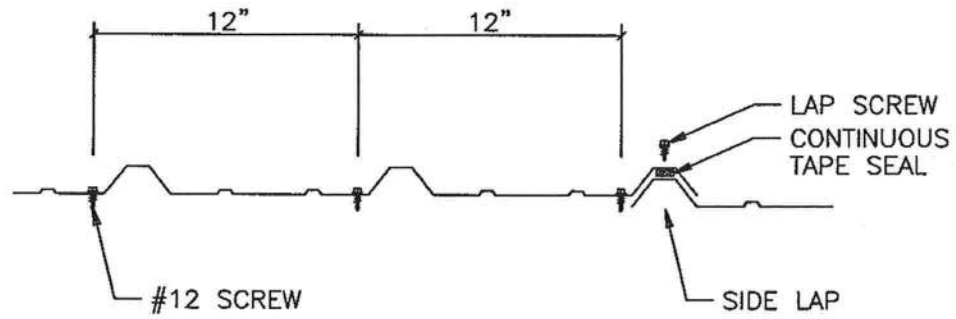
STRUCTURAL STAMP

REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: ROOF PANELS & TRIM		SCALE: NONE
	DRAWING NO: PAGE 6	DRAWN BY: JDH	CHECKED BY: BHM





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 PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

Richard T. Smith
PE # 43547
102 Main Street Ste#212
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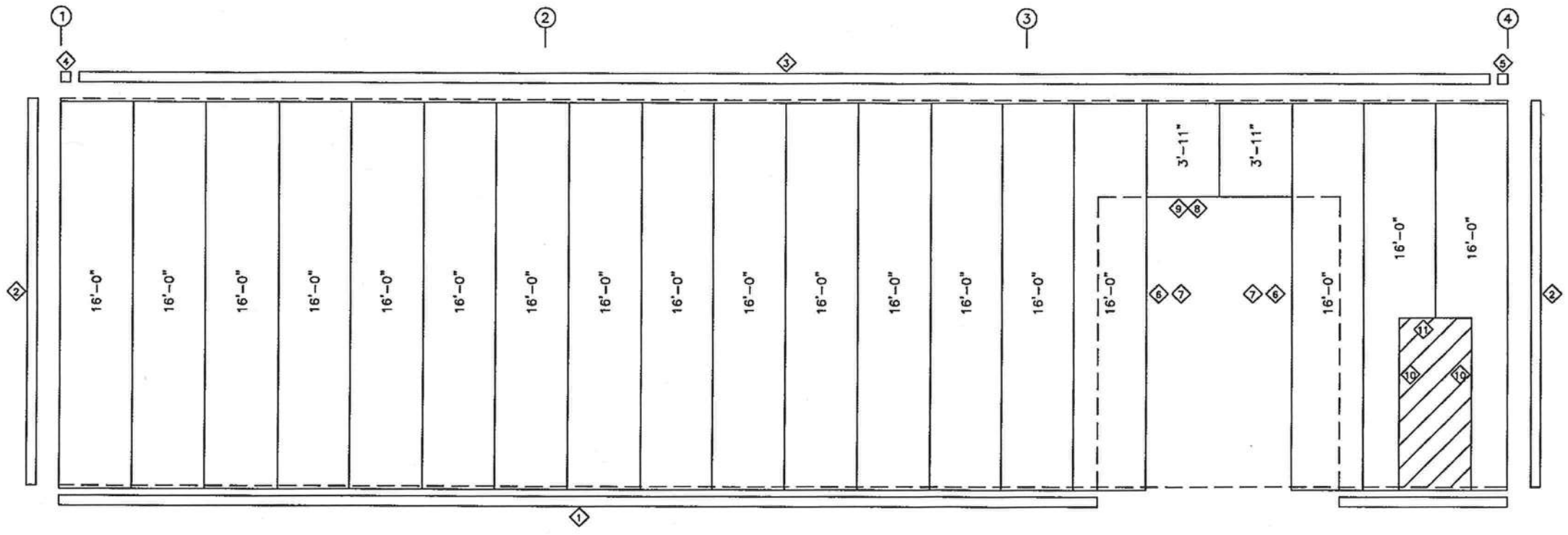
REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

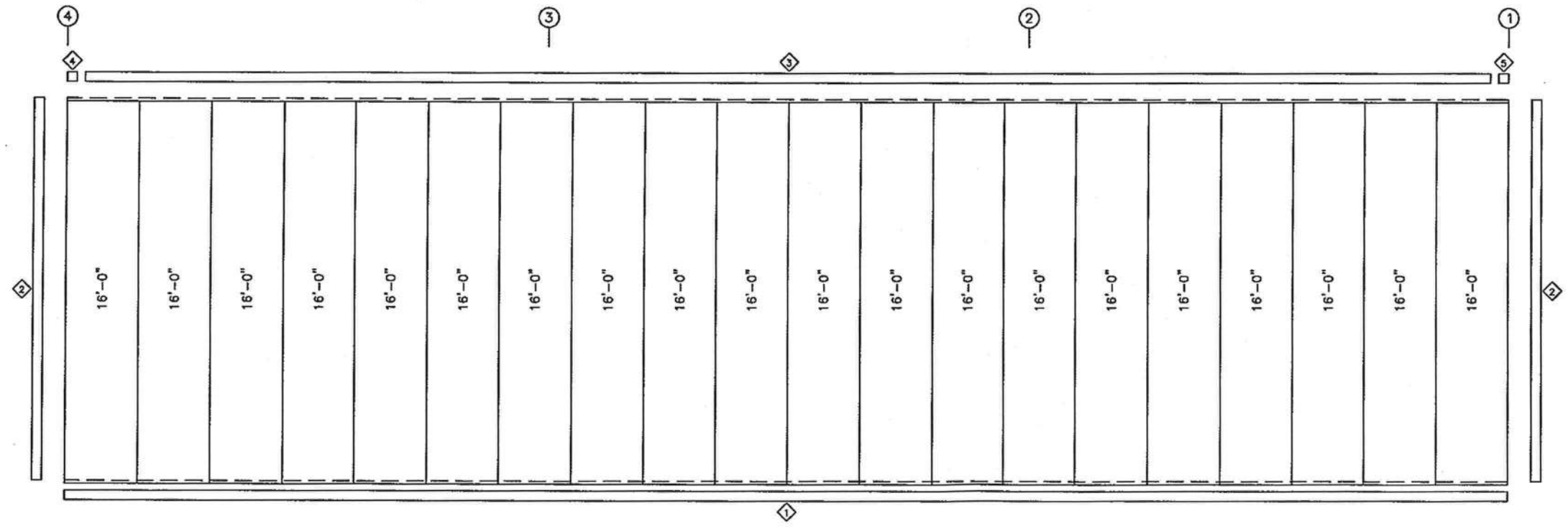
REVISIONS	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
[1]	JOB NO: 1194R2	DATE: 3/17/09	
[2]	LOCATION: LAKE CITY, FL		
[3]	DRAWING NAME: ROOF PANEL DETAILS		SCALE: NONE
	DRAWING NO: PAGE 6.1	DRAWN BY: JDH	CHECKED BY: BHM

TRIM TABLE FRAME LINE A & D			
◇ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM_9
2	O/S CORN	16'-0"	TRIM_5
3	EAVE TRM	20'-3"	TRIM_12
4	R END LH	6"	TRIM_13
5	R END RH	6"	TRIM_13
6	CT8	12'-1"	TRIM_11
7	R JAMB	12'-3"	TRIM_8
8	CT8	10'-0"	TRIM_10
9	R HEAD	10'-3"	TRIM_6
10	R JAMB	7'-3"	TRIM_8
11	R HEAD	3'-3"	TRIM_6



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 GA. PBR – LIGHT STONE



SIDEWALL SHEETING & TRIM: FRAME LINE D

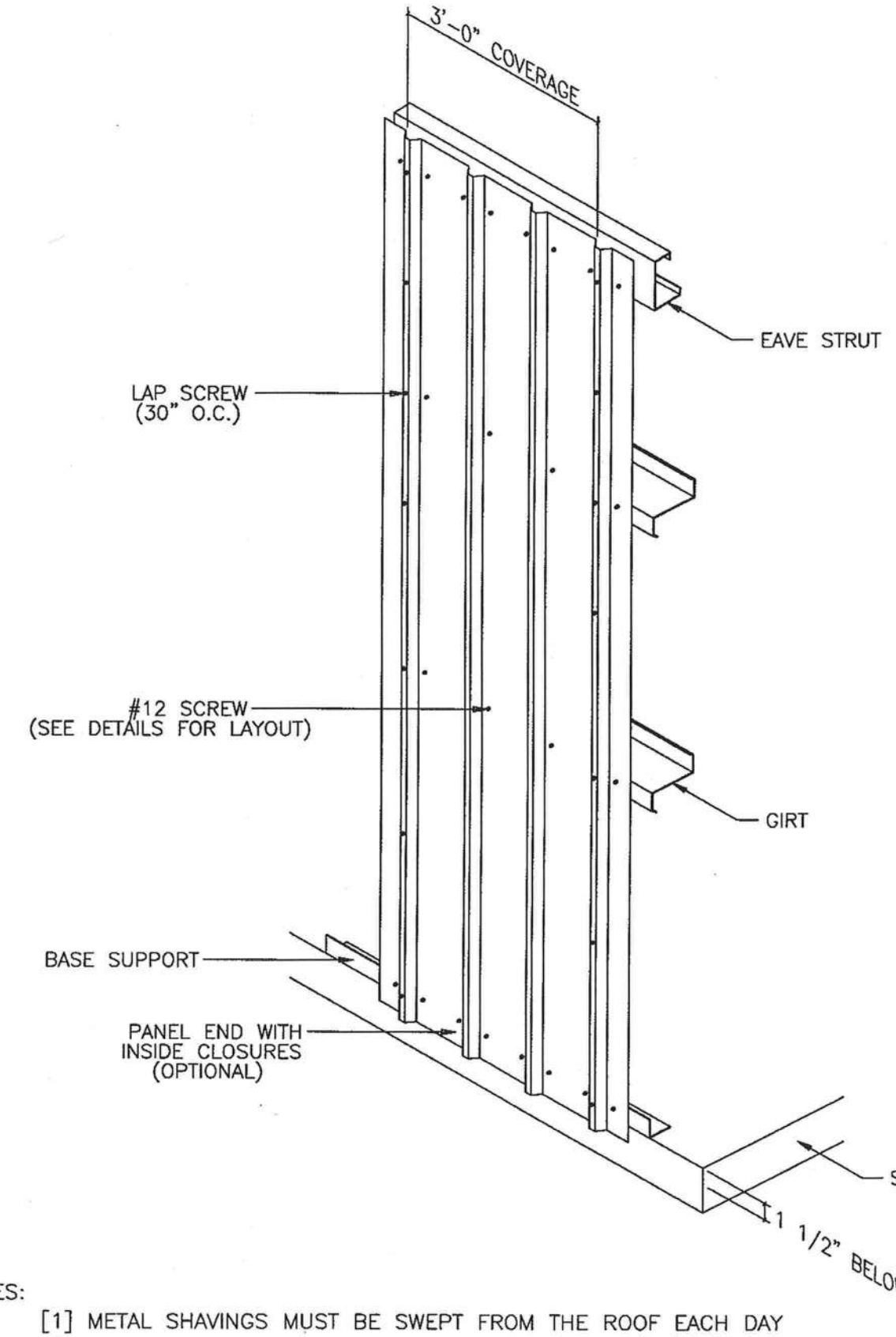
PANELS: 26 GA. PBR – LIGHT STONE

Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

STRUCTURAL STAMP

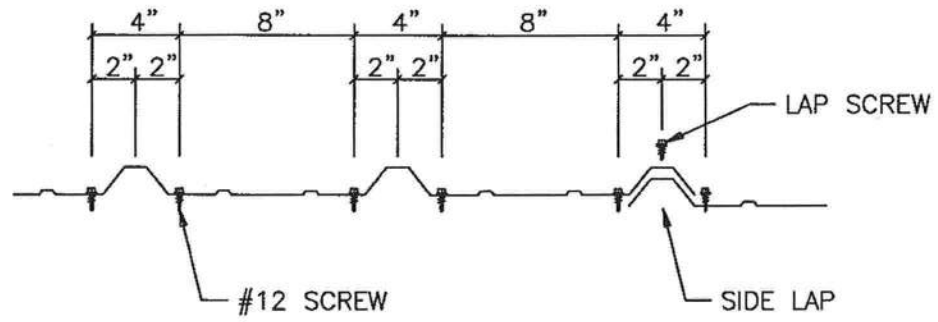
BUCK STEEL, INC.			
CUSTOMER: RON JUSTICE			
REVISIONS	JOB NO: 1194R2	DATE: 3/17/09	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: SIDEWALL PANELS & TRIM		SCALE: NONE
[3]	DRAWING NO: PAGE 7	DRAWN BY: JDH	CHECKED BY: BHM



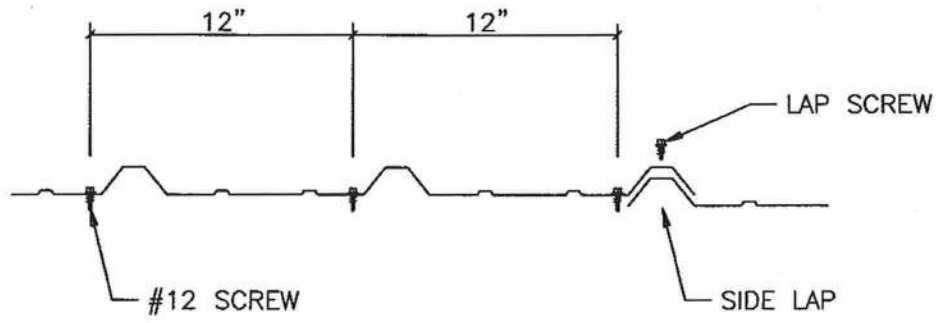
NOTES:

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

[2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL–TO–PANEL ATTACHMENTS. ALL FASTENERS ARE SELF–DRILLING.



DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



DETAIL AT INTERIOR OF PANEL

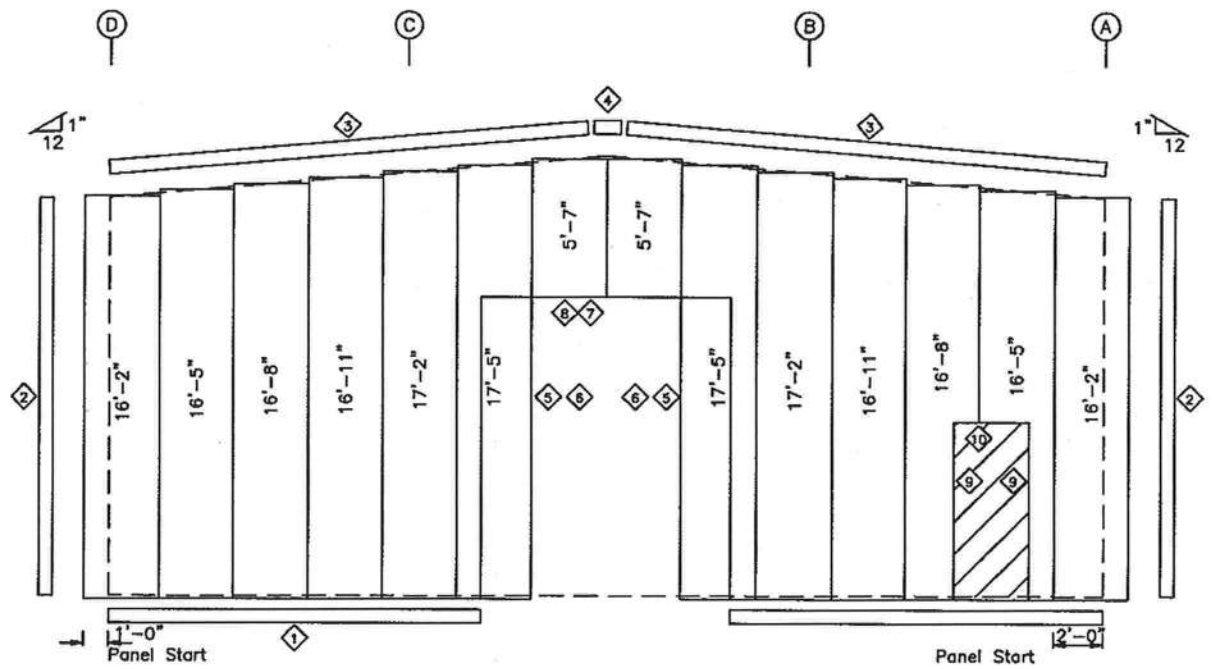
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

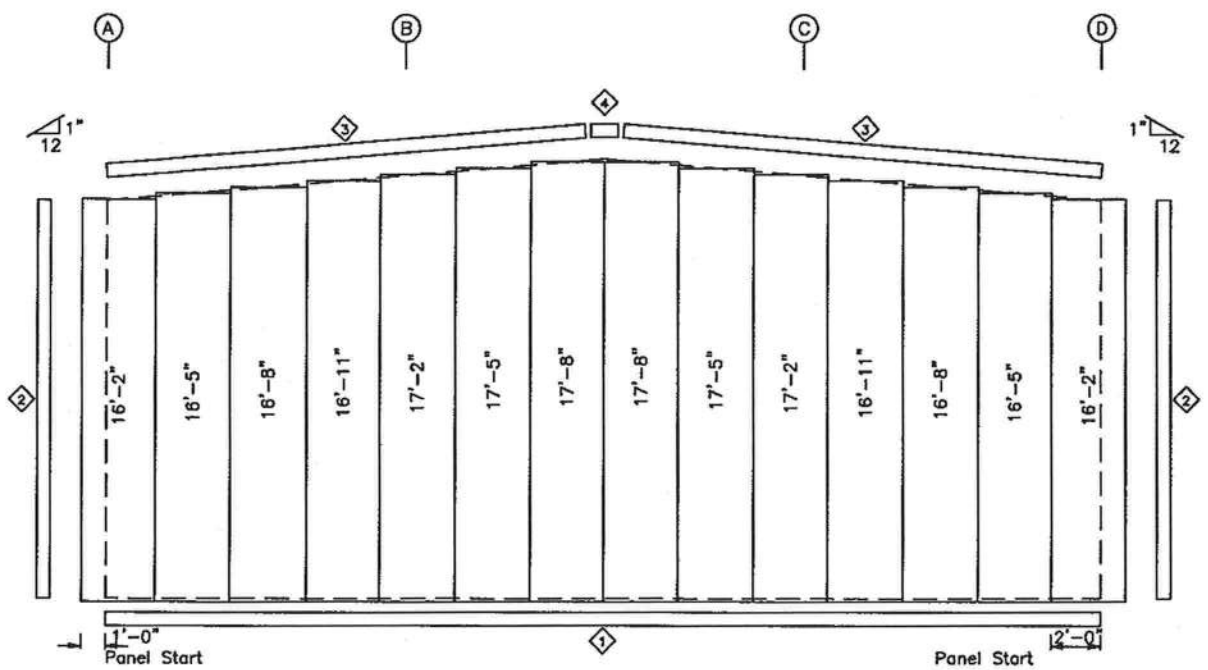
STRUCTURAL STAMP

	BUCK STEEL, INC.		
	CUSTOMER: RON JUSTICE		
REVISIONS	JOB NO: 1194R2	DATE: 3/17/09	
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: SIDEWALL PANEL DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 7.1	DRAWN BY: JDH	CHECKED BY: BHM

TRIM TABLE FRAME LINE 1 & 4			
◇ID	PART	LENGTH	DETAIL
1	FL-73	20'-0"	TRIM_9
2	O/S CORN	16'-0"	TRIM_5
3	RAKE TRM	20'-1"	TRIM_3
4	PEAK BOX	1'-4"	TRIM_4
5	CT8	12'-1"	TRIM_11
6	R JAMB	12'-3"	TRIM_8
7	CT8	10'-0"	TRIM_10
8	R HEAD	10'-3"	TRIM_6
9	R JAMB	7'-3"	TRIM_8
10	R HEAD	3'-3"	TRIM_6



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 GA. PBR – LIGHT STONE



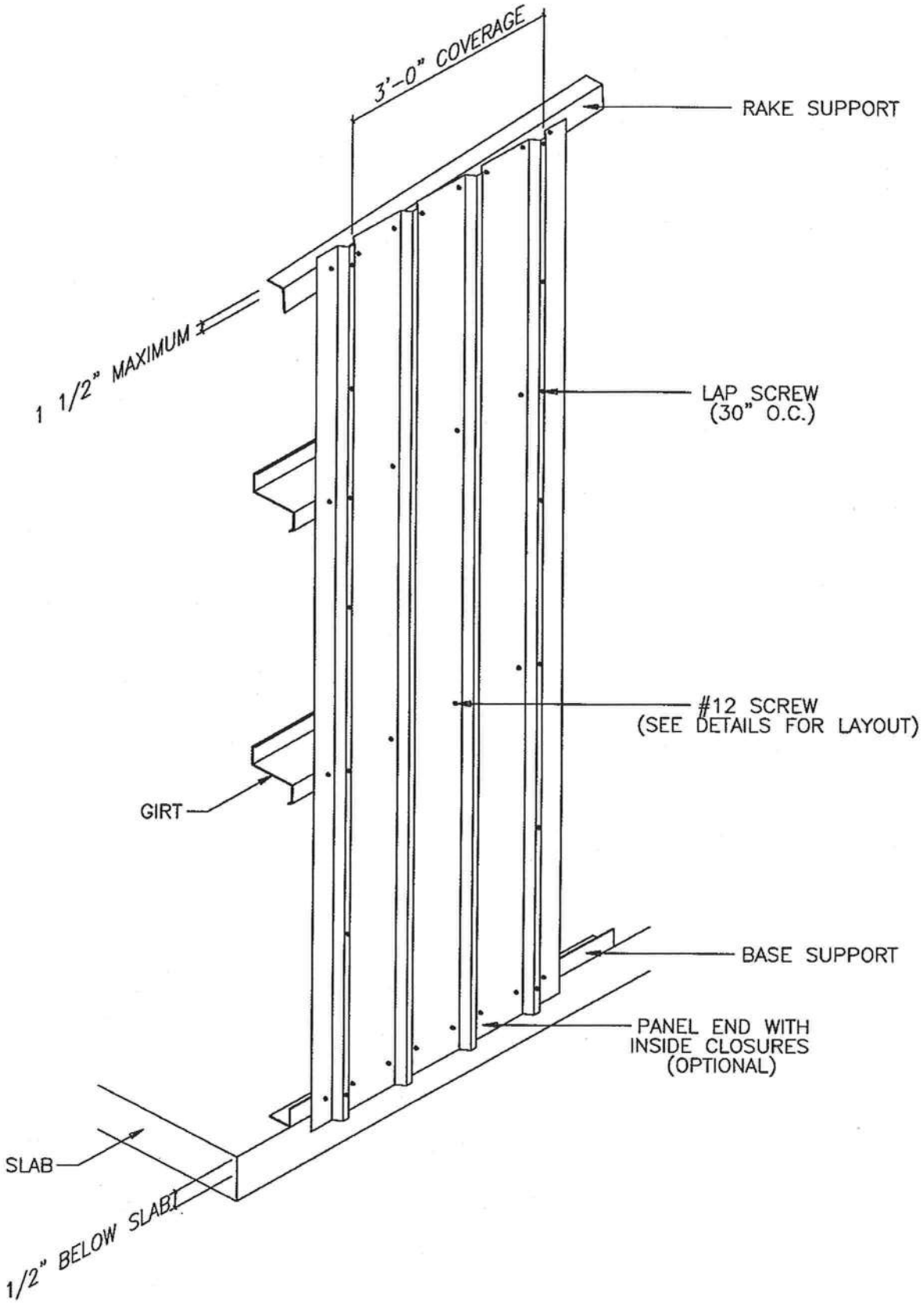
ENDWALL SHEETING & TRIM: FRAME LINE 4
PANELS: 26 GA. PBR – LIGHT STONE

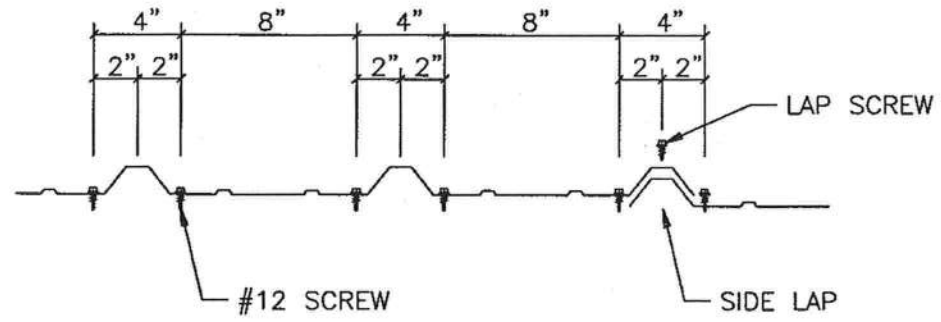
Richard T. Smith
PE # 43547
102 Main Street Ste#212
Lagrange, Georgia Ph: (706) 888-4874

REVIEWED
By Richard at 4:27 pm, Mar 17, 2009

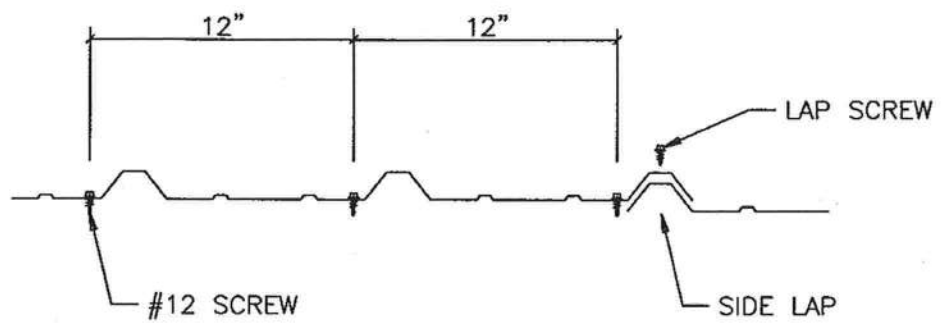
STRUCTURAL STAMP

REVISIONS	BUCK STEEL, INC.		
[1]	CUSTOMER: RON JUSTICE		
[2]	JOB NO: 1194R2	DATE: 3/17/09	
[3]	LOCATION: LAKE CITY, FL		
	DRAWING NAME: ENDWALL PANELS & TRIM		SCALE: NONE
	DRAWING NO: PAGE 8	DRAWN BY: JDH	CHECKED BY: BHM





DETAIL AT PANEL END
DETAIL AT HEADER/SILL
DETAIL AT PARTIAL WALL



DETAIL AT INTERIOR OF PANEL

NOTES:

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

[2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL–TO–PANEL ATTACHMENTS. ALL FASTENERS ARE SELF–DRILLING.

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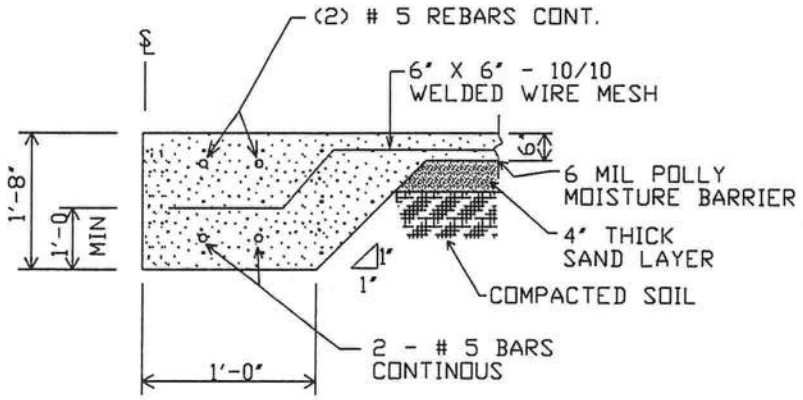
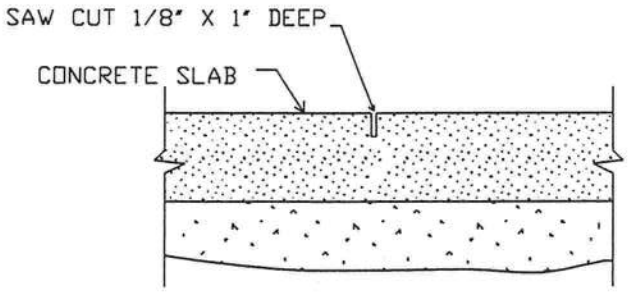
[1]	LOCATION: LAKE CITY, FL		
[2]	DRAWING NAME: ENDWALL PANEL DETAILS		SCALE: NONE
[3]	DRAWING NO: PAGE 8.1	DRAWN BY: JDH	CHECKED BY: BHM



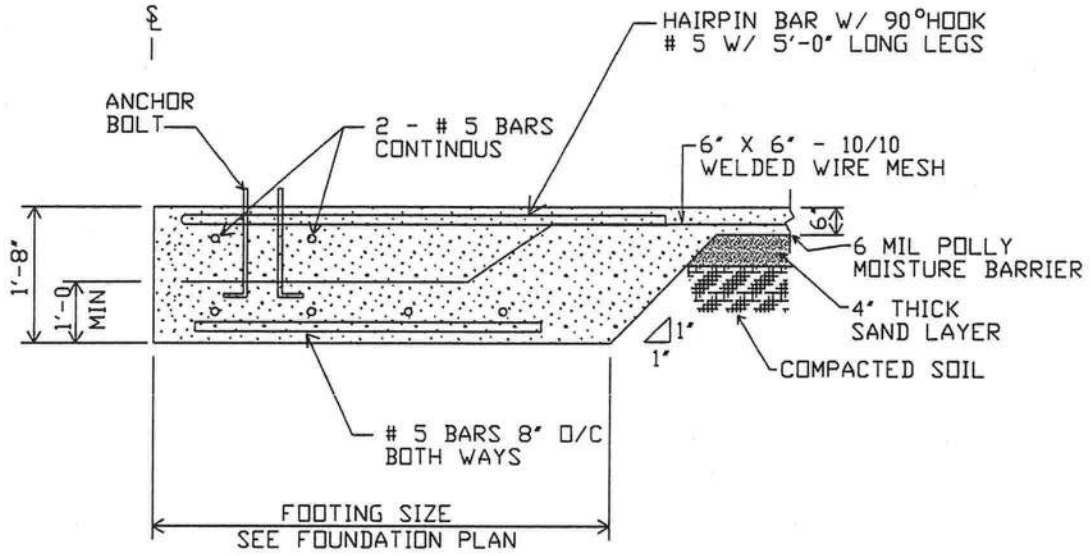
SECT. B-B

NOT TO SCALE



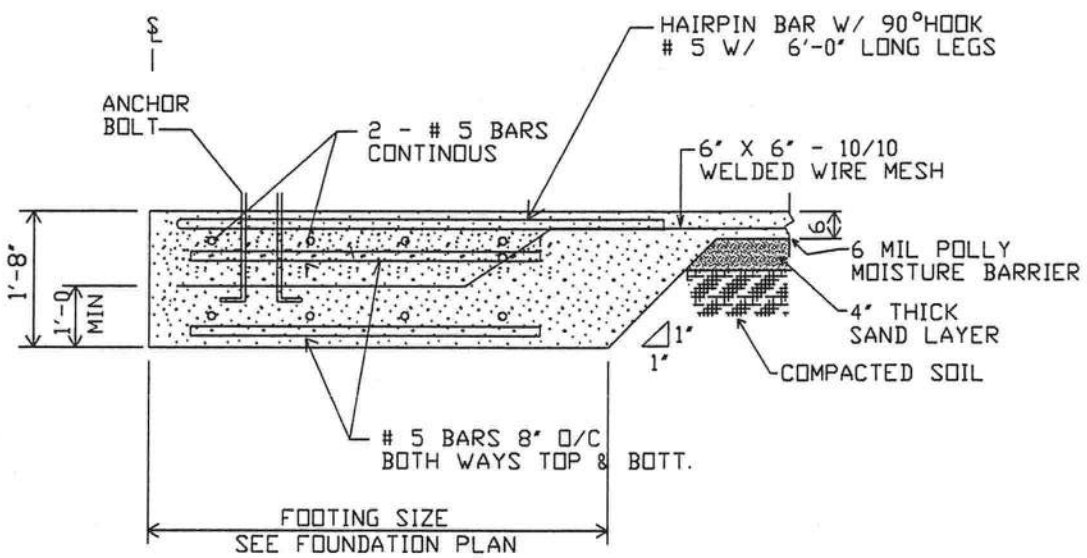
SECT. D-D (Const. Joint)

NOT TO SCALE



SECT. A-A

NOT TO SCALE



SECT. F-F

NOT TO SCALE

GENERAL FOUNDATION NOTES

1. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS.
2. ALL POURED IN PLACE SHALL BE F'c 3000 PSI MIN @ 28 DAYS.
3. WELDED WIRE MESH SHALL MEET ASTM A-185.
4. FOUNDATION AND FOOTING SIZING BASED ON ASSUMED SOIL BEARING CAPACITYOF 2500 PSF.
5. THE UPPER 12" OF BEARING SOIL IN FOOTING SHALL BE COMPACTED TO 98% OF THE STANDARD PROCTOR.
6. MIN. REINFORCING STEEL COVER AT EARTH : 3"
7. SLUMP RANGE AT POINT OF DISCHARGE: 3'-6"
8. OVERLAP ALL WWF A MINIMUM OF 8".
9. LAP ALL REINFORCING STEEL A MINIMUM OF 48 DIAMETERS.
10. REMOVE TOPSOIL & ORGANIC MATERIAL FROM TOP 12" OF EXISTING GRADE.
11. FDN. IS DESIGNED TO MEET THE 2004 ED. OF THE FBC CODE. SECT 106.35 W/06 AMEND. W.S. IS 120 MPH. EXP. B
12. PROOF ROLL OF 5' OUTSIDE BUILDING FOOTPRINT WITH VIBRATORY COMPACTOR.
13. FILL TO WITHIN 4' OF FINISHED FLOOR ELEVATION WITH CLEAN SAND FILL.
14. COMPACT TOP 6" OF FILL MATERIAL TO 95% OF MODIFIED PROCTOR DENSITY. (MIN)
15. SAW INDICATED CRACK CONTROL JOINTS WITHIN 8 HOURS OF PLACEMENT OF CONCRETE.
16. SOIL IN FOOTING TRENCHES SHALL BE FREE OF ORGANIC MATERIAL OR CLAY: IF EITHER IS ENCOUNTERED IN FOOTING TRENCHES, REMOVE IT & REPLACE WITH COMPACTED SAND.
17. CONTRACTOR TO REVIEW FOUNDATION DRAWINGS AND CHECK FOR COMPLIANCE WITH ERECTION DRAWINGS BEFORE COMENCMENT OF CONSTRUCTION. ANY DISCREPANCY SHOULD BE BROUGHT TO ENGINEER'S ATTENTION.

Not to be used

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD
1						

DRAWING STATUS
[X] FOR CONSTRUCTION
[ ] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

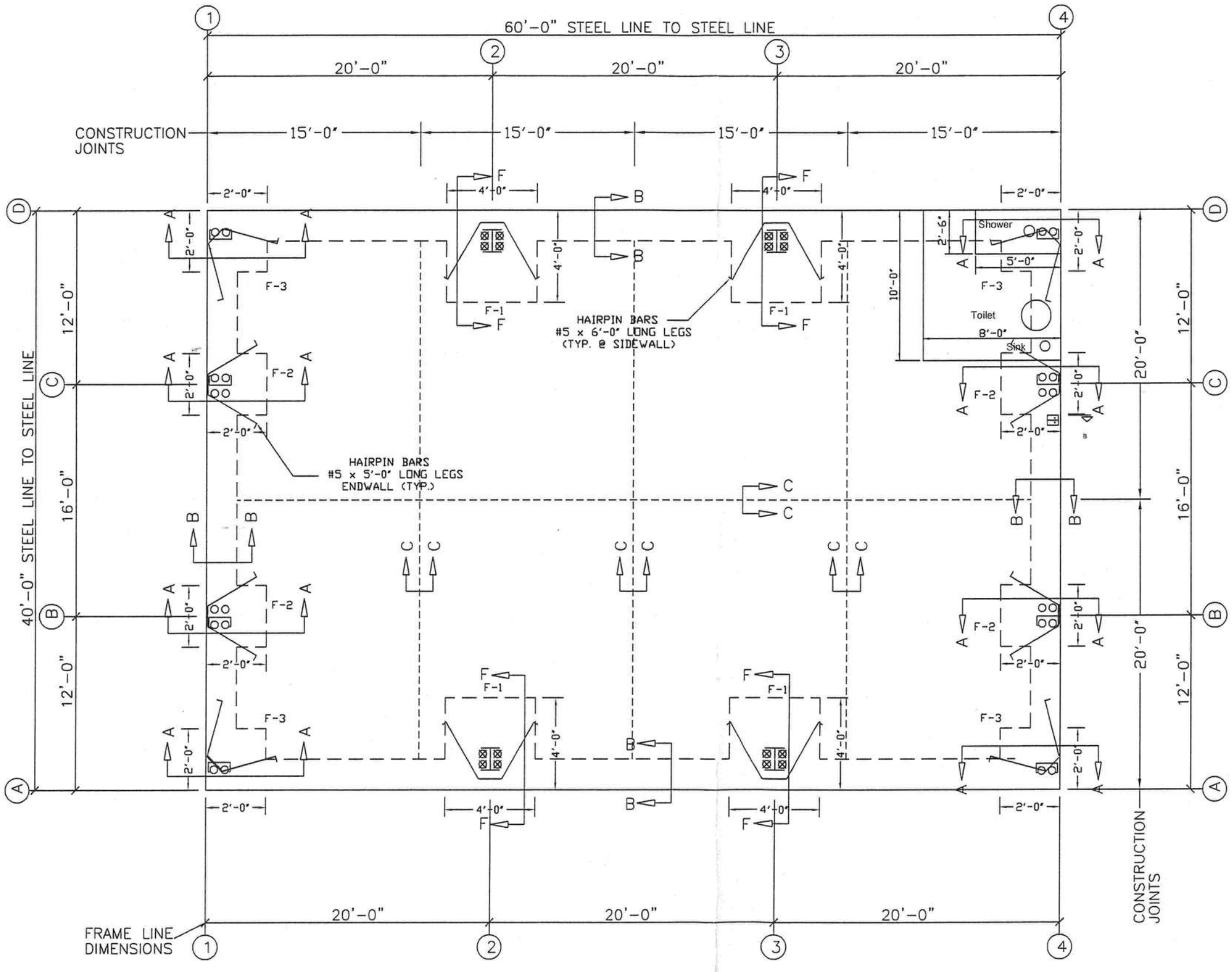
BUCK STEEL, INC.		RON JUSTICE	
PROJECT	40.0' x 50.0' x	FOUNDATION DETAIL PAGE	
ID	1194	DESIGN: CE / DRAFT: CE / CHECK:	
PROJECT ADDRESS	LAKE CITY, FL	DATE: 3/1/09	SHEET FNDWG-2

SEAL

3/4/09

ANCHOR BOLT SUMMARY

	QNT	LOC	DIA. (IN)	PROJ (IN)	TOTAL LENGTH (IN)	BEND (IN)
○	8	DJ	5/8"	3.00	9.0	3.00
○	32	EW	3/4"	3.00	12.0	3.00
⊠	16	RF	3/4"	3.00	18.0	3.00



FOUNDATION LAYOUT PLAN

NOT TO be used

CHARLES EMBDEN P.E.
26 HARRIS DRIVE
UXBRIDE, MA 01569
FLORIDA PE # 053083
PHONE # (508) 826-8772

SEAL

3/4/09

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[X] FOR CONSTRUCTION
[ ] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

BUCK STEEL INC.	RON JUSTICE
PROJECT: 40.0 x 60.0 x	FOUNDATION LAYOUT PLAN
ID: 1194	DESIGN: CWE | DRAFT: CWE | CHECK:
PROJECT ADDRESS: LAKE CITY, FL	DATE: 3/1/09 | SHEET: FNDWG-1