

COASTAL STEEL STRUCTURES

PROJECT NUMBER: U1408258A
 PROJECT NAME: Melissa Smith
 PROJECT LOCATION: Ogden, UT
 CUSTOMER: Smith Stone Supply, Inc.

Notes and Specifications

Building Erection Notes

- The general contractor and/or erector is responsible to safely and properly erect the metal building system in conformance with these drawings, OSHA requirements and metal building system in conformance with these drawings, OSHA requirements and either MBMA or CSA S16 standards pertaining to proper erection. This includes, but is not limited to, the correct use of temporary guys and bracing where needed for squaring, plumbing, and securing the structural and secondary framing. Secondary wall framing members (girts or bar joists) are not designed to function as a work platform or provide safety tie-off attachment in accordance with OSHA requirements. Secondary roof framing members (purlins or bar joists) are not designed to provide safety tie-off attachment in accordance with OSHA requirements.
- A325 & A490 Bolt Tightening requirements:** It is the responsibility of the erector to ensure proper bolt tightness in accordance with applicable regulations. See the FGSC Specification for Structural Joints Using A325 or A490 Bolts or CAN/CSA S16 "Limit States Design of Steel Structures" for more information. The following criteria may be used to determine the bolt tightness (i.e., "snug-tight" or "fully-pretensioned"), unless required otherwise by local jurisdiction or contract requirements:
 - All A325 bolts in primary framing (rigid frames and bracing) may be "snug-tight", except as follows:
 - "Fully-pretensioned" A325 bolts, if:
 - Building supports a crane system with a capacity greater than 5 tons.
 - Building supports machinery that creates vibration, impact or stress-reversals on the connections. The Engineer-of-Record for the project should be consulted to evaluate for this condition.
 - The project site is located in a high seismic area. For IBC-based codes, "High Seismic Area" is defined as "Seismic Design Category" of "D", "E", or "F". See the "Building Loads" section of this page for the defined seismic design category for this project.
 - Any connection designated in these drawings as "A325-SC". "Slip-Critical (SC)" connections must be free of paint, oil, or other materials that reduce friction at contact surfaces. Galvanized or lightly rusted surfaces are acceptable.
 - In Canada, all A325 and A490 bolts shall be "fully pre-tensioned", except for secondary members (purlins, girts, opening framing, etc.) and flange braces.
 - Secondary members (purlins, girts, opening framing, etc.) and flange brace connections may always be "snug-tight", unless indicated otherwise in these drawings.
 - In Canada, all A325 and A490 bolts shall be "fully pre-tensioned", except for secondary members (purlins, girts, opening framing, etc.) and flange braces.
 - Secondary members (purlins, girts, opening framing, etc.) and flange brace connections may always be "snug-tight", unless indicated otherwise in these drawings.
- The metal building supplier shall be notified prior to any field modifications. Modifications shall be approved by the metal building supplier before work is undertaken.
- Common Abbreviations:**

a) TYP UNO - Typical Unless Noted Otherwise	f) SIM - Similar
b) SLV - Short Leg Vertical	g) NIC - Not In Contract
c) LLV - Long Leg Vertical	h) SL - Steel Line
d) NS & FS - Near Side and Far Side	i) N/A - Not Applicable
e) O.A.L. - Overall Length	j) MBS - Metal Building Supplier
- Construction loads shall not be placed on any structural steel framework unless such framework is safely bolted, welded, or otherwise adequately secured.
- Purlins and girts shall not be used as an anchorage point for a fall arrest system unless written approval is obtained from the metal building supplier.
- Purlins may only be used as a walking/working surface when installing safety systems, after all permanent bridging has been installed and fall protection is provided.
- Construction loads may be placed only within a zone that is within 8 feet of the center line of the primary support member. CFR bundles should be placed directly over the rigid frames.
- All lifting devices must meet OSHA or MSHA standards and in no case is it acceptable to use structural members supplied by the MBS as a spreader bar or lifting device.

General Design Notes

- All structural steel sections and welded plate members are designed in accordance with ANSI/AISC 360 "Specifications for Structural Steel Buildings" or the CAN/CSA S16 "Limit States Design of Steel Structures", as required by the specified building code.
- All welding of structural steel is based on either AWS D1.1 "Structural Welding Code - Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- All cold formed members are designed in accordance with ANSI/AISI S11 or CAN/CSA S136 "Specifications for the Design of Cold Formed Steel Structural Members", as required by the specified building code.
- All welding of cold formed steel is based on AWS D1.3 "Structural Welding Code - Sheet Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- This Metal Building Supplier facility is IAS AC-472 Accredited and CAN/CSA A660 and W47.1 Certified (if applicable) for the design and manufacturing of Metal Building Systems.
- If joists are included with this project, they are supplied as a part of the systems engineered metal building and are fabricated in accordance with the requirements of Section 1928.738 of the OSHA safety standards for steel erection, dated January 18, 2001.

Material Specifications

Plate and Flange Material:
 5" - 12" Wide, to 1 1/4" Th. — A529 Grade 55
 Others — A572 Grade 50

Built-Up Structural Web	A1011 SS (or HSLAS Class 1) Grade 55
Hot-Rolled Structural	A36 or A572 Grade 50 or A592 Grade 50
Structural Tube	A500 Grade B (46 KSI)
Structural Pipe	A500 Grade B (42 KSI)
Cold-Formed Structural	A1011 or A1039 SS (or HSLAS Class 1) Grade 55
Classic Roof Panel	A792 Grade 80
CFR / VR16 II Roof Panel	A792 Grade 50, Class 1
All Wall Panel Profiles	A653 Grade 80, Class 1 or A792 Grade 80, Class 1
Rod Bracing	A529 Grade 50
Welds	AWS D1.1/D1.3 or CSA W59 per Building Code
High-Strength Bolts	A325 Type 1 or A490 Type 1 Heavy Hex
Machine Bolts	A307 Grade A Hex

PRIMARY AND SECONDARY STEEL PRIMER COLOR: RED

ROOF SHEETING, TYPE: CR 26 GAGE, FINISH: Galvalume

ROOF PANEL CLIP TYPE: N/A TALL SHORT UTILITY FIXED FLOATING

THERMAL BLOCKS: YES NO EPS FOAM SPACER: YES NO

SEAMING METHOD (FOR CFR ONLY): ROLL LOCK™ VISE LOCK™ VISE LOCK 360™

COMPOSITE CFR DECK, TYPE: N/A GAGE, FINISH: _____

ROOF LINE TRIM, PAINTED: Lightstone SP

EXTERIOR WALL SHEETING, TYPE: CW 26 GAGE, FINISH: Brick Red SP

EXTERIOR WALL CORNER TRIM FINISH: Lightstone SP

EXTERIOR BASE TRIM, PAINTED: Brick Red SP

FRAMED OPENING TRIM, PAINTED: Lightstone SP

WALL FRAMED OPENING, SIZES: FSW (2) 14'-0" x 12'-0"

BSW none

LEW (1) 12'-0" x 12'-0"

REW none

INTERIOR WALL SHEETING, TYPE: none GAGE, FINISH: _____

INTERIOR CEILING LINER, TYPE: none GAGE, FINISH: _____

INTERIOR WALL TRIM, PAINTED: none

<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> DOWNSPOUTS PAINTED: _____	GUTTERS PAINTED: _____
<input checked="" type="checkbox"/> WALKDOORS, QUANTITY: (2) <u>3070</u>	PAINTED: <u>White</u>
<input type="checkbox"/> WINDOWS: _____	PAINTED: _____
<input checked="" type="checkbox"/> INSULATION (NOT BY MBS), ROOF: <u>3</u> INCH WALLS: <u>3</u> INCH	
<input type="checkbox"/> CRANES (SEE CRANE PLAN FOR ADDITIONAL CRANE INFORMATION)	
<input type="checkbox"/> MEZZANINE (SEE MEZZANINE PLAN FOR ADDITIONAL MEZZANINE INFO)	
<input checked="" type="checkbox"/> WALL TRANSLUCENT PANELS: _____	
<input checked="" type="checkbox"/> ROOF TRANSLUCENT PANELS: _____	
INSULATED PANELS YES <input type="checkbox"/> NO <input type="checkbox"/>	
<input type="checkbox"/> PIPE JACKS, SIZE: _____	QUANTITY: _____
<input type="checkbox"/> ROOF FRAMED OPENINGS, SEE ROOF FRAMING PLAN FOR SIZES	
<input checked="" type="checkbox"/> RIDGE VENTS, 10'-0" LONG X 9" THROAT. QUANTITY: _____	

<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
<input type="checkbox"/> FASCIA, PROJECTION: _____	TOP OF FASCIA HEIGHT: _____
<input type="checkbox"/> FACE PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> BACK PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> CAP TRIM PAINTED: _____	BASE TRIM PAINTED: _____
<input type="checkbox"/> CLOSED SYSTEM, CLEAR UNDER SOFFIT TRIM:	
<input type="checkbox"/> SOFFIT PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> SOFFIT TRIM AT BUILDING LINE PAINTED: _____	
<input type="checkbox"/> OPEN SYSTEM, (NO SOFFIT PANEL PROVIDED)	
<input type="checkbox"/> CLEAR UNDER FASCIA: _____	
<input type="checkbox"/> PARAPET SYSTEM	
<input type="checkbox"/> STRUCTURAL PARAPET	<input type="checkbox"/> NON-STRUCTURAL PARAPET
<input type="checkbox"/> TOP OF PARAPET HEIGHT: _____	
<input type="checkbox"/> BACKER PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> CANOPY (EXPOSED BEAM), PROJECTION: _____	
<input type="checkbox"/> AT EAVE LINE <input type="checkbox"/>	BELOW EAVE <input type="checkbox"/>
<input type="checkbox"/> ROOF PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> SOFFIT PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> SOFFIT TRIM AT BUILDING LINE PAINTED: _____	
<input type="checkbox"/> CLEAR UNDER CANOPY BEAM: _____	
<input type="checkbox"/> EAVE EXTENSION (CONCEALED BEAM), PROJECTION: _____	
<input type="checkbox"/> SOFFIT PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> SOFFIT TRIM AT BUILDING LINE PAINTED: _____	
<input type="checkbox"/> RAKE EXTENSION, PROJECTION: _____	
<input type="checkbox"/> SOFFIT PANEL, TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> SOFFIT TRIM AT BUILDING LINE PAINTED: _____	
<input type="checkbox"/> PARTITION WALL SHEETING	
<input type="checkbox"/> PANEL TYPE: _____	GAGE, FINISH: _____
<input type="checkbox"/> PARTITION WALL TRIM COLOR: _____	

ERECTOR NOTE:
 ALTERNATE FASTENERS HAVE BEEN SUBSTITUTED ON THIS BUILDING. WHERE THE DRAWINGS INDICATE AN H1040 STRUCTURAL FASTENER, H1041 FASTENERS WITH WASHERS HAVE BEEN SUPPLIED. WHERE THE DRAWINGS INDICATE AN H1060 TRIM FASTENER, H1061 FASTENERS WITH WASHERS HAVE BEEN SUPPLIED.

FOR OCCUPANCY CATEGORY I OR II BUILDINGS, IBC ALLOWS FOR SINGLE STORY BUILDINGS TO HAVE NO LIMIT FOR SEISMIC STORY DRIFT. PLEASE NOTE THAT ANY INTERIOR WALLS, PARTITIONS, CEILINGS, AND EXTERIOR WALLS SHOULD BE DETAILED (BY OTHERS) TO ACCOMMODATE THIS STORY DRIFT.

NOV 19 2014

BUILDING LOADS

DESIGN CODE: IBC 12

ROOF LIVE LOAD: 20.00 PSF MBMA OCC. CLASS: II

LIVE LOAD REDUCIBLE Yes

GROUND SNOW LOAD: 43.0 PSF SNOW EXP. FACTOR, Ce: 1.00

SNOW IMPORTANCE FACTOR, Is: 1.00

WIND: 115 mph WIND IMPORTANCE FACTOR, Iw: ---

EXPOSURE: C

UL 90 No

Classic Roof-Const. No. 161; Classic Roof w/ Translucent Panel-Const. No. 167
 CFR Roof-Const. No. 552; CFR Roof w/ Translucent Panel-Const. No. 590;
 Composite CFR Roof-Const. No. 552A; VR16 II Roof-Const. No. 332.

SEISMIC INFORMATION Ss: 1.368 S1: 0.502

Design Sds/Sd1: 0.912 / 0.502 Site Class: D

Seismic Imp. Factor: 1.00 Seismic Design Category: D

Analysis Procedure: Equivalent Lateral Force Method

Basic SFRS: Ordinary Steel Moment Frames and Concentrically-Braced Frames

NOTES:
 1) COLLATERAL DEAD LOADS, UNLESS OTHERWISE NOTED, ARE ASSUMED TO BE UNIFORMLY DISTRIBUTED. WHEN SUSPENDED SPRINKLER SYSTEMS, LIGHTING, HVAC EQUIPMENT, CEILINGS, ETC., ARE SUSPENDED FROM ROOF MEMBERS, CONSULT THE M.B.S. IF THESE CONCENTRATED LOADS EXCEED 200 POUNDS, OR IF INDIVIDUAL MEMBERS ARE LOADED SIGNIFICANTLY MORE THAN OTHERS.
 2) THE DESIGN OF STRUCTURAL MEMBERS SUPPORTING GRAVITY LOADS IS CONTROLLED BY THE MORE CRITICAL EFFECT OF ROOF LIVE LOAD OR ROOF SNOW LOAD, AS DETERMINED BY THE APPLICABLE CODE.

BUILDING	
ROOF DEAD (PSF):	3.00
PRI. COL. (PSF):	1
SEC. COL. (PSF):	1
SNOW Ct:	1.00
SNOW Cc:	1.00
ROOF SNOW (PSF):	30.1
WIND ENCLOSURE:	Closed
GCP:	1/2 0.18
SEISMIC R:	3.25
SEISMIC Cc:	0.281
BASE SHEAR (KIPS):	20.1

ERECTION MANUALS REQUIRED
 (ERECTION MANUALS ARE SHIPPED WITH THE BUILDING IN A WAREHOUSE PACKING CRATE)

<input type="checkbox"/> CFR ROOF	<input type="checkbox"/> H9700 OR <input type="checkbox"/> H8260	<input type="checkbox"/> SINGLE CURB (H9850)
<input checked="" type="checkbox"/> CLASSIC ROOF	<input type="checkbox"/> H9420 OR <input checked="" type="checkbox"/> H8201	<input type="checkbox"/> DOUBLE CURB (H9800)
<input checked="" type="checkbox"/> WALL SHEETING	<input type="checkbox"/> H9430 OR <input checked="" type="checkbox"/> H8300	<input type="checkbox"/> VR16 II (H9925)

DRAWING INDEX

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PROJECT NAME	MELISSA SMITH
CUSTOMER NAME	OGDEN, UT
JOB NUMBER	U1408258A
SHEET TITLE	
DATE	NOV 19 2014
REGISTERED PROFESSIONAL ENGINEER	COLTON DAVIS
STATE OF UTAH	STIMMONS
NO.:	8689295-2202
REG. ST.:	
REG. NO.:	
REG. EXPIRES:	
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COASTAL STEEL STRUCTURES

PROJECT NUMBER:	U1408258A
PROJECT NAME:	Melissa Smith
PROJECT LOCATION:	Ogden, UT
CUSTOMER:	Smith Stone Supply, Inc.

STRUCTURAL TESTS AND INSPECTION:

- 1) THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN SPECIAL INSPECTION. THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN IBC 1704.3 AND IBC 1705
- 2) ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER OR ARCHITECT.
- 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.
- 4) PORTIONS OF WORK REQUIRING SPECIAL INSPECTION:

AGENCY RESPONSIBLE FOR INSPECTION AND TESTING TO BE NAMED BY OWNER LATER.

A. STRUCTURAL STEEL:

1. MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE)
2. SAMPLING AND TESTING OF SPECIMENS

B. WELDING:

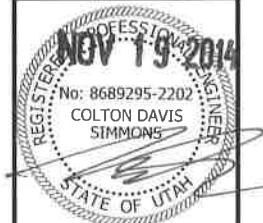
1. ALL STRUCTURAL WELDING (INCLUDES DECKING AND WELDED STUDS), EXCEPT WELDING IN APPROVED SHOPS PER IBC 1704.2.2
2. ULTRASONIC TESTING OF FULL PENETRATION WELD CONNECTIONS AT MOMENT FRAMES, BRACED FRAMES, BEAM SPLICES, AND FIELD WELDS.
3. STRUCTURAL LIGHT GAGE METAL FRAME WELDING

C. BOLTING:

1. HIGH STRENGTH BOLT A325SC AND A490SC (PRETENSION VERIFICATION)
2. HIGH STRENGTH BOLT A325N AND A490X (PER COVER SHEET NOTES)
3. EXPANSION/ADHESIVE ANCHORS IN CONCRETE OR MASONRY

	YES	NO	N/A
1. MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SAMPLING AND TESTING OF SPECIMENS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. ALL STRUCTURAL WELDING (INCLUDES DECKING AND WELDED STUDS), EXCEPT WELDING IN APPROVED SHOPS PER IBC 1704.2.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. ULTRASONIC TESTING OF FULL PENETRATION WELD CONNECTIONS AT MOMENT FRAMES, BRACED FRAMES, BEAM SPLICES, AND FIELD WELDS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. STRUCTURAL LIGHT GAGE METAL FRAME WELDING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. HIGH STRENGTH BOLT A325SC AND A490SC (PRETENSION VERIFICATION)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. HIGH STRENGTH BOLT A325N AND A490X (PER COVER SHEET NOTES)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. EXPANSION/ADHESIVE ANCHORS IN CONCRETE OR MASONRY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The seal represents only the engineer who designed and supplied the Metal Building Manufacturer. The drawings and the metal buildings which they represent are the product of the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is not responsible for the design of the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.



PROJECT NAME
MELISSA SMITH
OGDEN, UT

CUSTOMER NAME
SMITH STONE SUPPLY, INC.
OGDEN, UT

COASTAL STEEL STRUCTURES

4800 NW 2ND AVE, SUITE 5
PO BOX 1070
POMONA, FL 33431
PHONE: 201-6600
TOLL FREE:
(888) 783-3535 (888) 783-3535

Anchor Bolts for Construction

Permit Drawings

DATE	BY	REVISION	DATE	BY	REVISION
11/19/14	MBS	JB	11/19/14	RHW	CDS
	MBS	JB		RHW	CDS

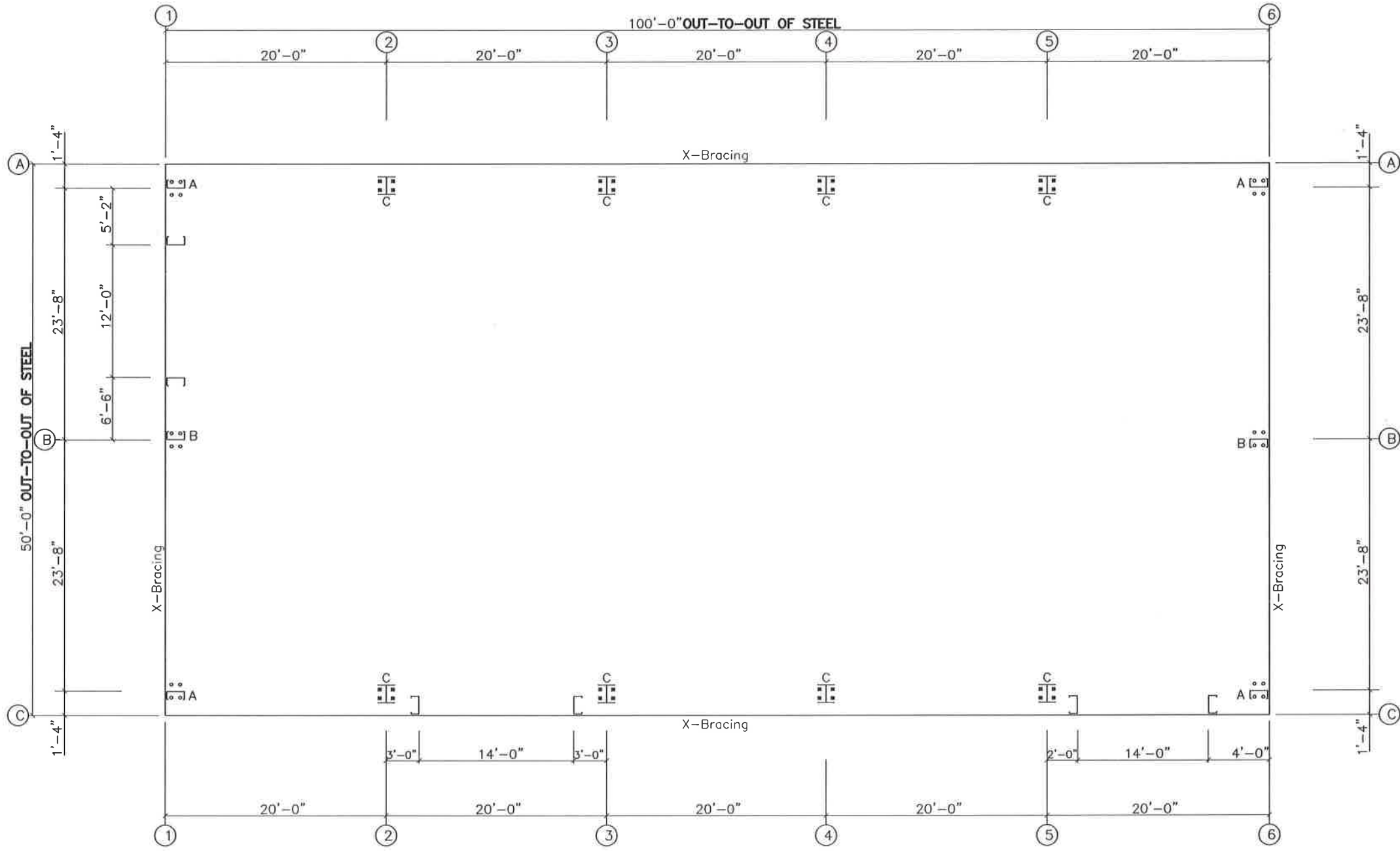
ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
○ 24	Endwall	3/4"	F1554	3.00
⊗ 32	Frame	1"	F1554	3.00

ANCHOR BOLT PLAN

GENERAL NOTES

1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. ANCHOR RODS ARE REQUIRED ONLY IN THE QUANTITIES SPECIFIED. BASEPLATES MAY BE FABRICATED WITH MORE HOLES THAN NEEDED FOR THIS PROJECT.
8. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER'S SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)

○ Dia= 3/4"
⊗ Dia=1"

DATE	BY	CHKD	APP'D
11/19/14	CDS		
11/19/14	RHW		
11/19/14	CDS		
11/19/14	JBI		
11/19/14	RHW		
11/19/14	CDS		

COASTAL STEEL STRUCTURES
4800 NW 2ND AVE, SUITE 5
BOCA RATON, FL 33431
PHONE: (561) 221-6600
TOLL FREE: (888) 783-3535
FAX: (888) 783-3535

PROJECT NAME
MELISSA SMITH
OGDEN, UT

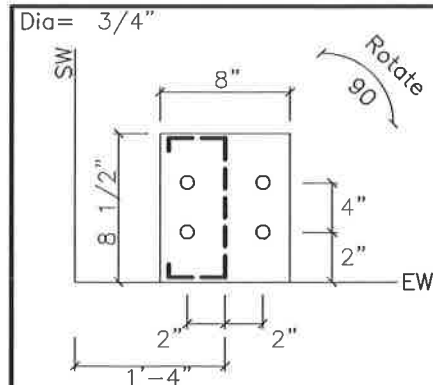
CUSTOMER NAME
SMITH STONE SUPPLY, INC.
OGDEN, UT

JOB NUMBER
U1408258A

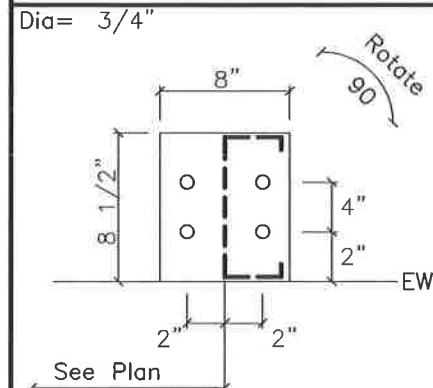
SHEET TITLE



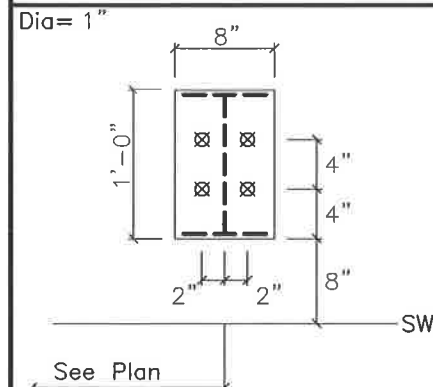
SHEET
F 1 of 2



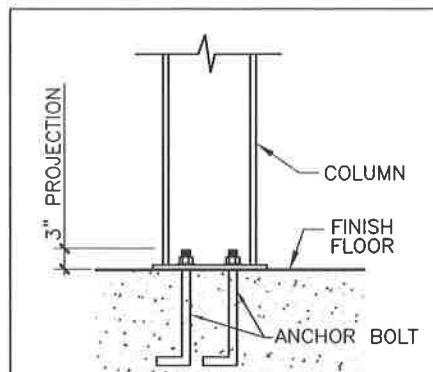
DETAIL A



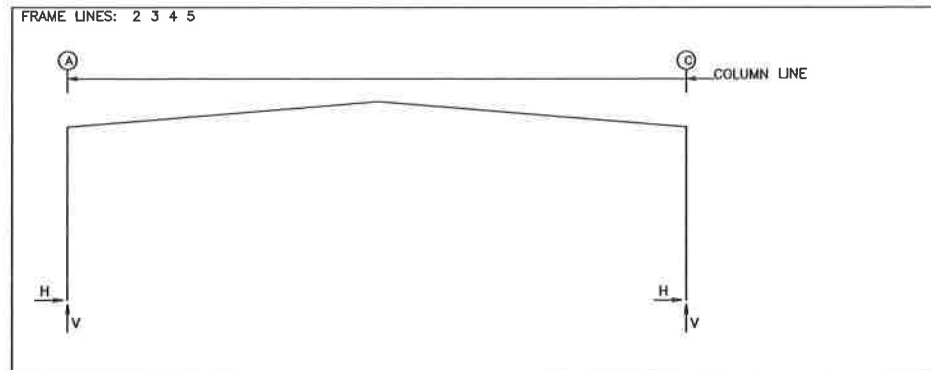
DETAIL B



DETAIL C



TYPICAL COLUMN BASE PLATE DETAIL



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Base Plate (in) Thick	Elev. (in)
2*	A	4	1.000	8.000	12.00	0.375	0.0
2*	C	4	1.000	8.000	12.00	0.375	0.0

2* Frame lines: 2 3 4 5

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Base Plate (in) Thick	Elev. (in)
1	A	4	0.750	8.000	8.500	0.375	0.0
1	B	4	0.750	8.000	8.500	0.375	0.0
1	C	4	0.750	8.000	8.500	0.375	0.0
6	C	4	0.750	8.000	8.500	0.375	0.0
6	B	4	0.750	8.000	8.500	0.375	0.0
6	A	4	0.750	8.000	8.500	0.375	0.0

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions (k)	Panel Shear (lb/ft)		
			Wind	Seismic		
			Horz	Vert		
L_EW	1	B,C	1.5	0.9	2.4	1.5
F_SW	C	3,4	4.0	2.4	10.5	6.3
R_EW	6	C,B	1.5	0.9	2.4	1.5
B_SW	A	4,3	4.0	2.4	10.5	6.3

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	1.1	2.2	0.3	0.5	3.6	6.3	9.1	15.8	-7.3	-10.9	-2.2	-7.3
2*	C	-1.1	2.2	-0.3	0.5	-3.6	6.3	-9.1	15.8	7.3	10.9	2.2	-7.3
Frame Line	Column Line	Wind_Left2		Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	-6.0	-6.3	-0.9	-2.7	-2.9	-10.1	-3.2	-8.1	-2.5	-1.3	2.5	1.3
2*	C	0.9	-2.7	6.0	-6.3	3.2	-8.1	2.9	-10.1	-2.5	1.3	2.5	-1.3
Frame Line	Column Line	F1UNB_SL_L		F1UNB_SL_R		F1UNB_SL_L		F1UNB_SL_R		F1UNB_SL_L		F1UNB_SL_R	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	7.4	15.8	7.4	8.7	7.4	8.7	7.4	8.7	7.4	8.7	7.4	8.7
2*	C	-7.5	8.7	-7.4	15.8	-7.4	8.7	-7.4	15.8	-7.4	8.7	-7.4	15.8

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Collat	Live	Snow	Wind Left1	Wind Right1	Wind Left2	Wind Right2	Wind Press	Wind Suct	Wind Long1	Wind Long2
		Vert	Vert	Vert	Vert	Vert	Vert	Vert	Vert	Horz	Horz	Vert	Vert
1	A	0.7	0.1	2.6	4.1	-3.8	-2.3	-3.8	-2.3	-1.9	2.1	-4.2	-2.4
1	B	1.3	0.3	4.9	7.8	-5.8	-5.7	-5.8	-5.7	-4.1	4.4	-6.2	-6.2
1	C	0.7	0.1	2.6	4.1	-2.2	-3.8	-2.2	-3.8	-1.9	2.1	-2.4	-4.2
Frm Line	Col Line	Seis Left	Seis Right	E1UNB_SL_L	E1UNB_SL_R	E1PAT_LL_1	E1PAT_LL_2						
		Vert	Vert	Horz	Vert	Horz	Vert						
1	A	0.1	-0.1	0.0	4.8	0.0	1.2	0.0	2.6				
1	B	-0.3	0.0	0.0	6.4	0.0	6.4	0.0	2.5	0.0	2.5		
1	C	0.2	0.1	0.0	1.2	0.0	4.8	0.0	0.0	0.0	2.6		

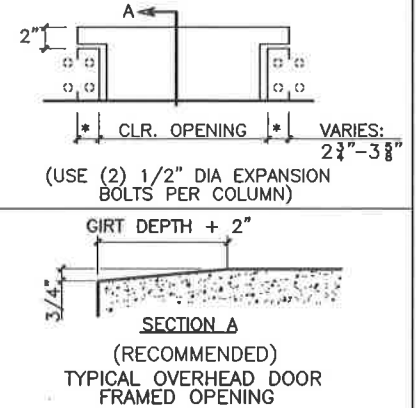
Frm Line	Col Line	Dead	Collat	Live	Snow	Wind Left1	Wind Right1	Wind Left2	Wind Right2	Wind Press	Wind Suct	Wind Long1	Wind Long2
		Vert	Vert	Vert	Vert	Vert	Vert	Vert	Vert	Horz	Horz	Vert	Vert
6	A	0.7	0.1	2.6	4.1	-3.8	-2.3	-3.8	-2.3	-1.9	2.1	-4.2	-2.4
6	B	1.3	0.3	4.9	7.8	-5.7	-5.8	-5.7	-5.8	-4.1	4.4	-6.2	-6.2
6	A	0.7	0.1	2.6	4.1	-2.3	-3.8	-2.3	-3.8	-1.9	2.1	-2.4	-4.2
Frm Line	Col Line	Seis Left	Seis Right	E2UNB_SL_L	E2UNB_SL_R	E2PAT_LL_1	E2PAT_LL_2						
		Vert	Vert	Horz	Vert	Horz	Vert						
6	A	0.0	-0.3	0.0	6.4	0.0	6.4	0.0	2.5	0.0	2.5		
6	B	0.0	-0.3	0.0	1.2	0.0	4.8	0.0	0.0	0.0	2.6		

GENERAL NOTES

- ALL LOADING CONDITIONS ARE EXAMINED. THE MAXIMUM AND MINIMUM HORIZONTAL (H) AND VERTICAL (V) REACTIONS AND THE CORRESPONDING VERTICAL (V) OR HORIZONTAL (H) REACTIONS ARE REPORTED.
- REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AID THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATION TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE STRENGTH DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
- FOR ASCE7-10 BASED BUILDING CODES THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE GENERATED USING ULTIMATE DESIGN WIND SPEEDS (Vult).
- POSITIVE (+) REACTIONS ARE AS SHOWN ABOVE. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
- BRACING REACTIONS ARE IN THE PLANE OF THE BRACE WITH THE HORIZONTAL REACTION (H) ACTING AWAY FROM THE BRACED BAY AND THE VERTICAL REACTION (V) ACTING DOWNWARD.

***** RIGID FRAME LOAD CASE ABBREVIATIONS: *****
 Wind_L1/Wind_R1: LATERAL WIND FROM THE LEFT/RIGHT, CASE 1
 Wind_L2/Wind_R2: LATERAL WIND FROM THE LEFT/RIGHT, CASE 2
 Wind_Ln1/Wind_Ln2: LONGITUDINAL WIND, CASE 1/2
 Seismic_L/Seismic_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 L_WIND_L/E/L_WIND_R/E: LONGITUDINAL WIND EDGE ZONES
 F#UNB_SL_L/F#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 F#PAT_LL_#/F#PAT_SL_#: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

***** ENDWALL COLUMN LOAD CASE ABBREVIATIONS: *****
 Collat: COLLATERAL LOAD
 Rafter Wind_L/Rafter Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Brace Wind_L/Brace Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Wind_P/Wind_S: LONGITUDINAL WIND PRESSURE/SUCTION ON COLUMNS
 Wind_Ln: LONGITUDINAL WIND SUCTION ON ROOF
 Seis_L/Seis_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 E#UNB_SL_L/E#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 E#PAT_LL_#/E#PAT_SL_#: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS



SECTION A
(RECOMMENDED)
TYPICAL OVERHEAD DOOR
FRAMED OPENING

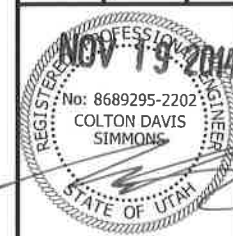
FOUNDATION DESIGN NOTE:

THE ORIENTATION OF THE ANCHOR BOLT DETAILS SHOWN ON THIS PAGE MAY NOT COINCIDE WITH THE ACTUAL COLUMN ORIENTATION SHOWN ON PAGE F1. PLEASE REFERENCE THE SIDEWALL (SW) AND ENDWALL (EW) STEEL LINES SHOWN ON THE ANCHOR BOLT DETAILS WITH THE ANCHOR BOLT PLAN ON PAGE F1 DURING LAYOUT OF COLUMN AND ANCHOR BOLT LOCATIONS.

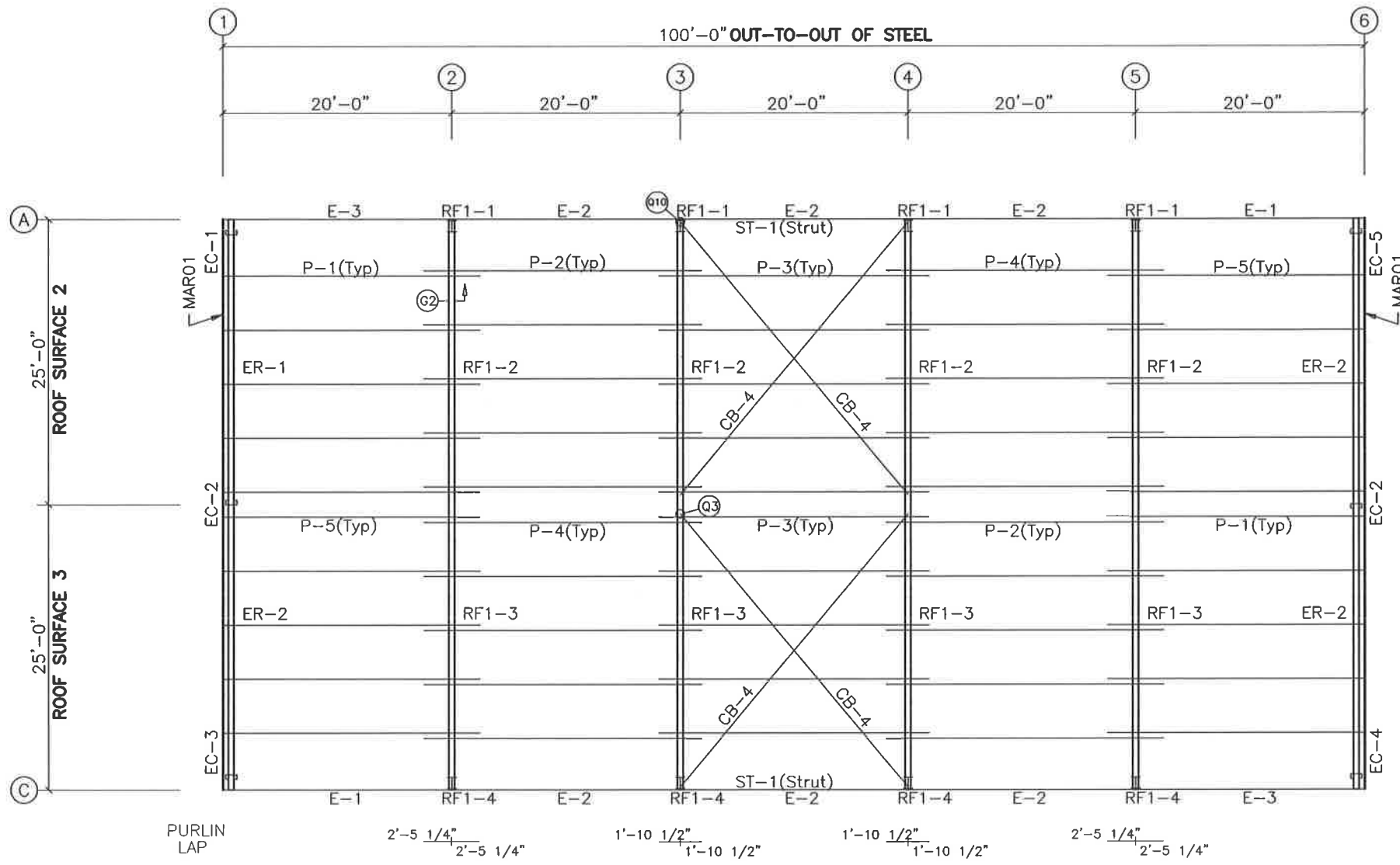
DATE	BY	CHKD	DATE
11/19/14	RSW	CDS	11/19/14
	RSW	CDS	11/19/14

COASTAL STEEL STRUCTURES
 4800 NW 2ND AVE, SUITE 5
 BOCA RATON, FL 33431
 PHONE: (561) 221-6600
 TOLL FREE: (888) 783-3535
 FAX: (888) 783-3535

PROJECT NAME
 MELISSA SMITH
 OGDEN, UT
 CUSTOMER NAME
 SMITH STONE SUPPLY, INC.
 OGDEN, UT
 JOB NUMBER
 U1408258A



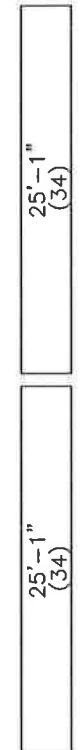
SHEET
 F2 of 2



ROOF FRAMING PLAN

TRIM TABLE ROOF PLAN		
◇ IDI PART	LENGTH	DETAIL
1 RGA05	36.000	TRIM_3

MEMBER TABLE ROOF PLAN		
MARK	PART	LENGTH
P-1	08Z075	269.000
P-2	08Z060	291.750
P-3	08Z060	285.000
P-4	08Z060	291.750
P-5	08Z075	269.000
E-1	08E060	239.500
E-2	08E060	239.500
E-3	08E060	239.500
ST-1	W08SB075	234.813
CB-4	RDB-	371.000



ROOF SHEETING
PANELS: 26 Ga. CR Galvalume

ROOF FRAMING PLAN

GENERAL NOTES

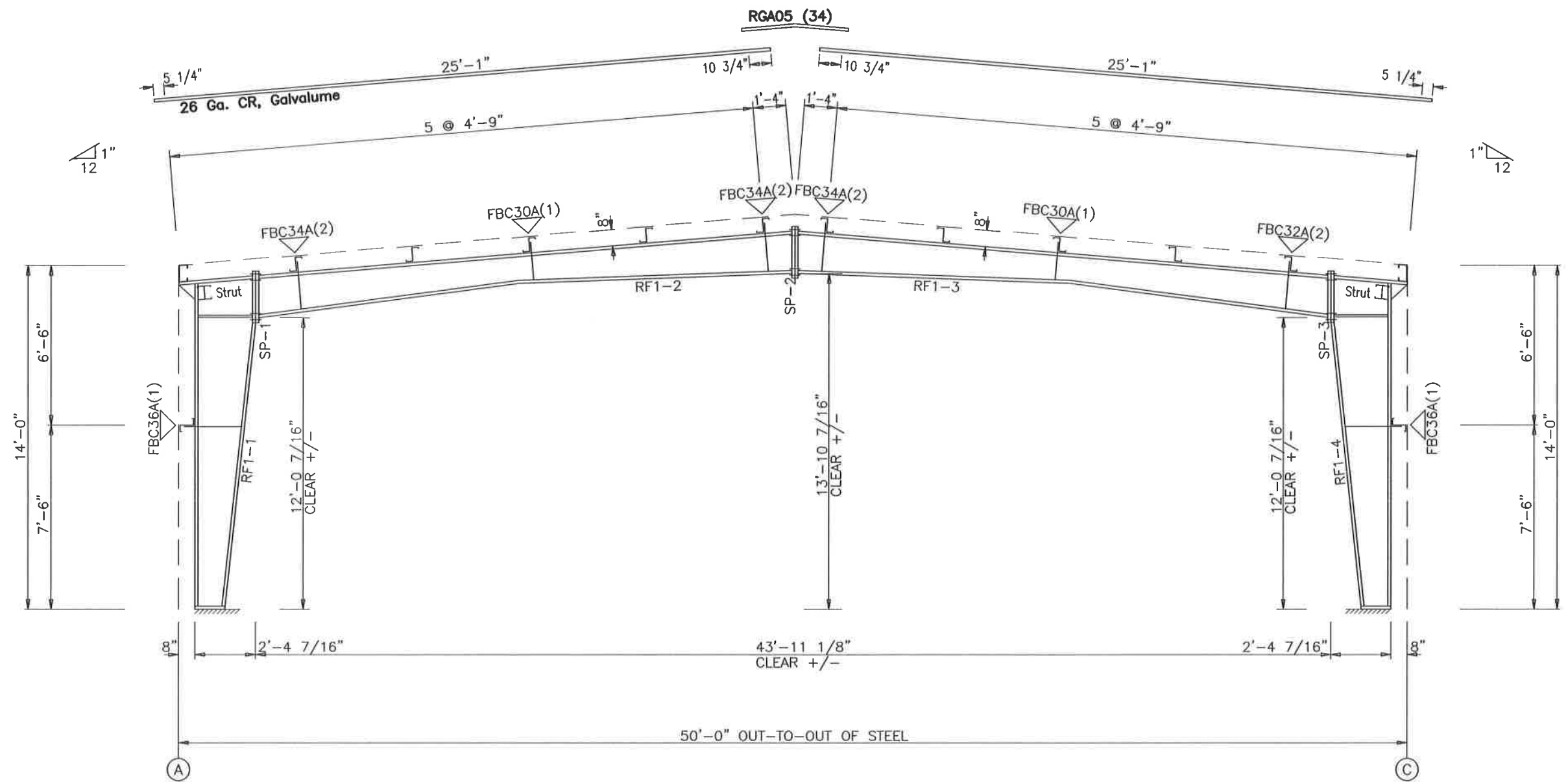
- PLACE TAGGED END OF RAFTERS TOWARDS THE LOW EAVE.
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- PURLIN AND EAVE STRUT CONNECTIONS UTILIZE BOTH A307 AND A325 BOLTS. REFER TO THE DETAILS FOR SPECIFIC USAGE REQUIREMENTS.
- THIS DRAWING IS NOT TO SCALE.

PROJECT NAME MELISSA SMITH OGDEN, UT	CUSTOMER NAME SMITH STONE SUPPLY, INC. OGDEN, UT	SHEET TITLE U1408258A	COASTAL STEEL STRUCTURES 4800 NW 2ND AVE, SUITE 5 BOCA RATON, FL 33431 PHONE: (561) 221-6600 TOLL FREE: (888) 783-3535 FAX: (888) 783-3535	ANCHOR BOLTS FOR CONSTRUCTION PERMIT DRAWINGS DATE 11/19/14
This seal expires only to the individual named herein. It is not to be used for any other person or for any other project. The seal is the property of the State of Utah and shall not be transferred, sold, or otherwise disposed of. The seal is not to be used for any other project or for any other person. The seal is not to be used for any other project or for any other person.				

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	0.750	3.00	6"	5/8"	2'-0 1/4"
SP-2	4	4	0	A325	0.625	2.25	6"	3/8"	1'-11 5/8"
SP-3	4	4	0	A325	0.750	3.00	6"	5/8"	2'-0 1/8"

MEMBER TABLE								
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF1-1	11.5/28.0	0.150	141.1		5 x 3/16" x 159.8		5 x 1/4" x 142.1	
	28.0/28.0	0.188	21.0		5 x 1/2" x 36.0			
RF1-2	17.8/11.5	0.150	129.0		5 x 1/4" x 263.1		5 x 3/8" x 129.1	
	11.5/17.8	0.125	135.6				5 x 3/16" x 134.3	
RF1-3	17.8/11.5	0.125	135.6		5 x 1/4" x 263.1		5 x 3/16" x 134.3	
	11.5/17.7	0.150	129.0				5 x 3/8" x 129.1	
RF1-4	28.0/28.0	0.188	20.9		5 x 1/2" x 36.0		5 x 1/4" x 142.2	
	28.0/11.5	0.150	141.2		5 x 3/16" x 159.8			

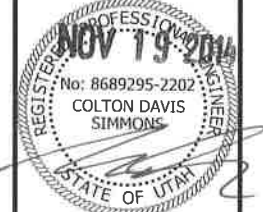


RIGID FRAME ELEVATION: FRAME LINE 2 3 4 5

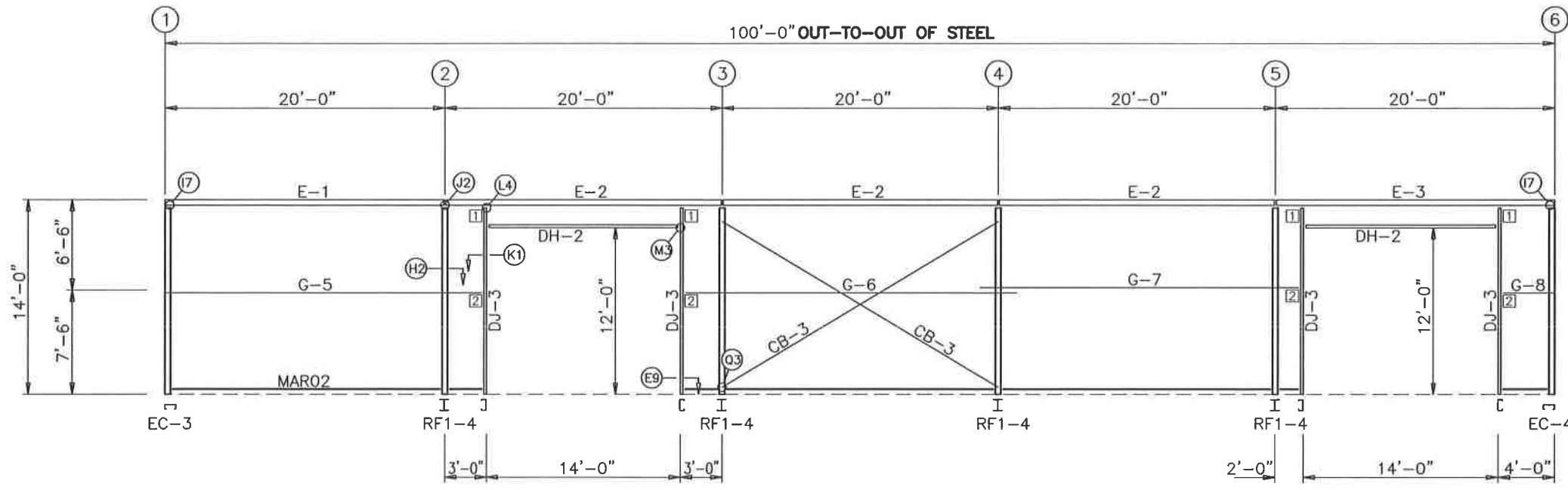
GENERAL NOTES

- ▽ INDICATES FLANGE BRACING LOCATIONS. (1) = ONE SIDE; (2) = TWO SIDES.
- IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACES WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
- RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

PROJECT NAME MELISSA SMITH OGDEN, UT	PROJECT NO. U1408258A	DATE 11/19/14
CUSTOMER NAME SMITH STONE SUPPLY, INC. OGDEN, UT	JOB NUMBER U1408258A	DATE 11/19/14
COASTAL STEEL STRUCTURES 4800 NW 2ND AVE, SUITE 5 BOCA RATON, FL 33431 PHONE: (561) 221-6600 TOLL FREE: (888) 783-3535 FAX: (888) 783-3535		
SHEET TITLE SHEET E2 of 6		



The seal herein is for the engineer who designed and supplied the Metal Building Manufacturer. The drawings and the metal buildings which they represent are the product of the Metal Building Manufacturer. The registered professional engineer whose name appears on these drawings is not responsible for the design or construction of the metal building or for any other work which he or she has not personally supervised and approved as such.



SIDEWALL FRAMING: FRAME LINE C

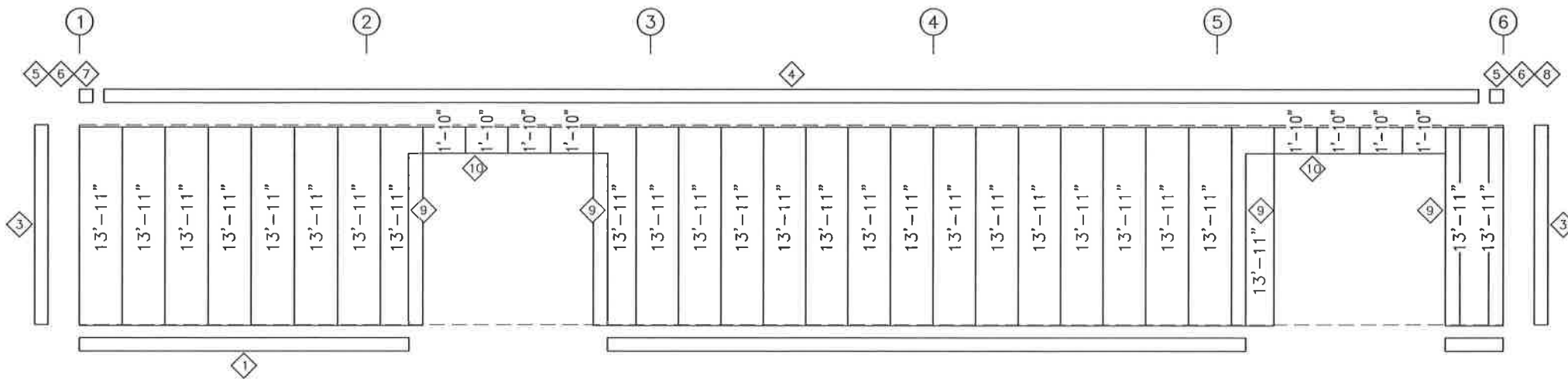
TRIM TABLE FRAME LINE C			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_102
3	OCA01	242.000	TRIM_79
4	LEA01	122.000	TRIM_5
5	H400	5.000	
6	ERA01	8.060	
7	RCA01	9.250	
8	RCA02	9.250	
9	JTA145	145.000	TRIM_98
10	HTA172	172.000	TRIM_98

MEMBER TABLE FRAME LINE C		
MARK	PART	LENGTH
DJ-3	J08C060	158.500
DH-2	J08C060	168.000
E-1	08E060	239.500
E-2	08E060	239.500
E-3	08E060	239.500
G-5	08Z060	272.500
G-6	08Z054	288.500
G-7	08Z054	276.500
G-8	08Z054	44.500
CB-3	RDD-	287.000

CONNECTION PLATES FRAME LINE C	
ID	MARK/PART
1	JCE01
2	JCA&P02

GIRT LAPS

1'-3 3/4"
1'-3 3/4"



SIDEWALL SHEETING & TRIM: FRAME LINE C
PANELS: 26 Ga. CW - Brick Red SP

SIDEWALL FRAMING PLAN

GENERAL NOTES

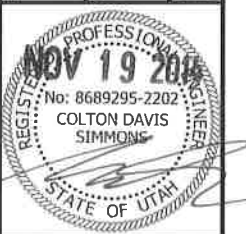
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

DATE	BY	CHKD	APP'D
11/19/14	CDS	RHW	JBU
11/19/14	CDS	RHW	JBU

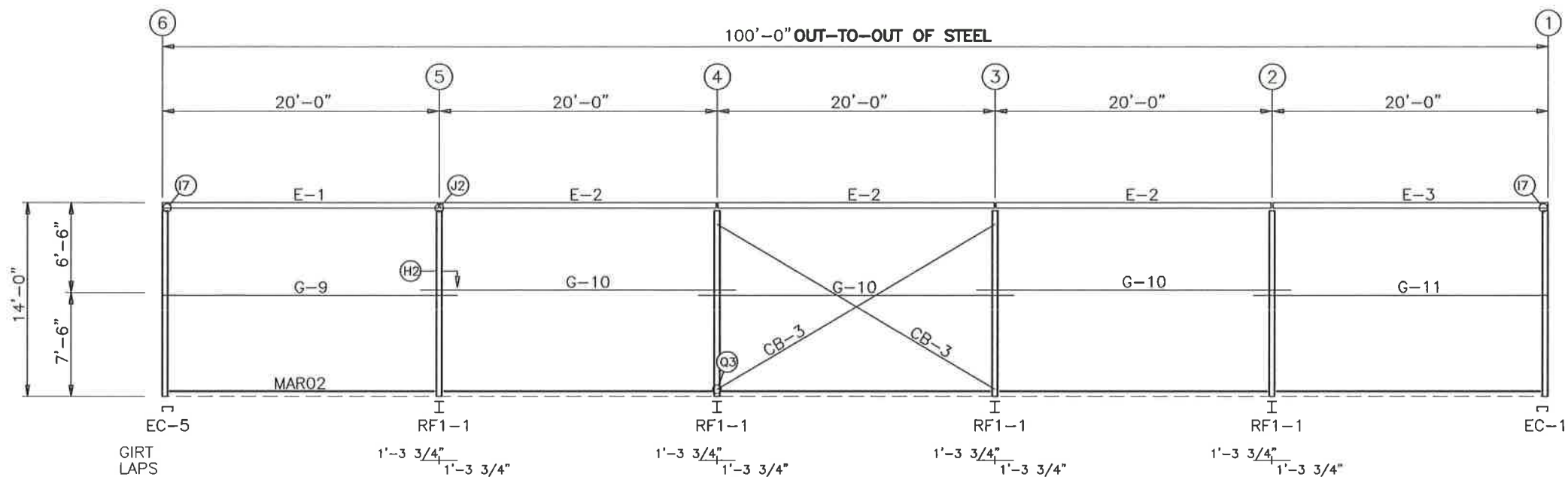
COASTAL STEEL STRUCTURES
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 BOCA RATON, FL 33431
 PHONE: (561) 221-6600
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PROJECT NAME
 MELISSA SMITH
 OGDEN, UT
 CUSTOMER NAME
 SMITH STONE SUPPLY, INC.
 OGDEN, UT
 JOB NUMBER
 U1408258A
 SHEET TITLE



THE SEAL APPEARS ON THIS DRAWING AS A RESULT OF THE PROFESSIONAL ENGINEER'S REVIEW AND ENDORSEMENT OF THE DESIGN. THE DRAWINGS AND THE MODEL SHALL BE THE PROPERTY OF THE MANUFACTURER. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND THE MANUFACTURE OF THE PRODUCT. THE REGISTERED PROFESSIONAL ENGINEER'S REVIEW IS LIMITED TO THE DESIGN AND THE MANUFACTURE OF THE PRODUCT. THE REGISTERED PROFESSIONAL ENGINEER'S REVIEW SHALL NOT BE CONSIDERED AS SUCH.

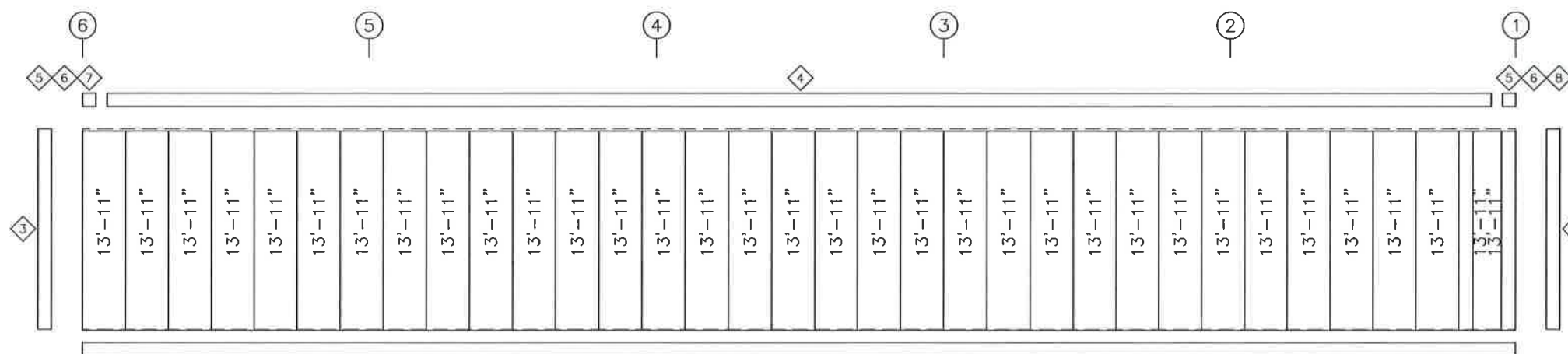
SHEET
 E3 of 6



SIDEWALL FRAMING: FRAME LINE A

TRIM TABLE FRAME LINE A			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_102
3	OCA01	242.000	TRIM_79
4	LEA01	122.000	TRIM_5
5	H4000	5.000	
6	ERA01	8.060	
7	RCA01	9.250	
8	RCA02	9.250	

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
E-1	08E060	239.500
E-2	08E060	239.500
E-3	08E060	239.500
G-9	08Z054	255.500
G-10	08Z054	271.500
G-11	08Z054	255.500
CB-3	RDD-	287.000



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. CW - Brick Red SP

SIDEWALL FRAMING PLAN

GENERAL NOTES

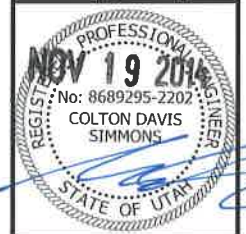
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

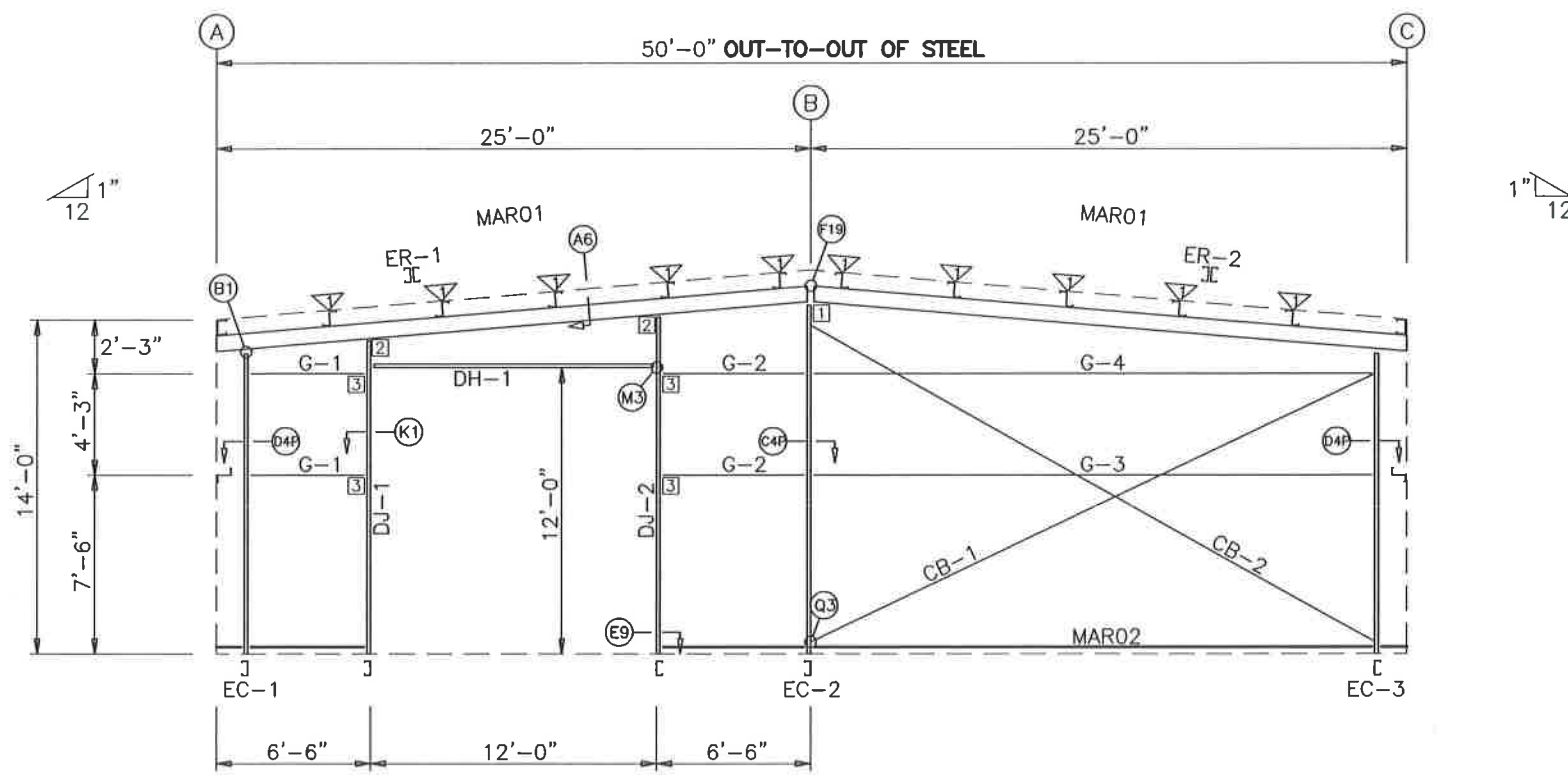
DATE	ISSUE	BY	CHKD	DATE
11/19/14	1	MBS	JBU	RHW
11/19/14	2	MBS	JBU	RHW

COASTAL STEEL STRUCTURES
 4800 NW 2ND AVE., SUITE 5
 BOCA RATON, FL 33431
 PHONE: (561) 221-6600
 FAX: (888) 783-3535
 (888) 783-3535 (888) 783-3535

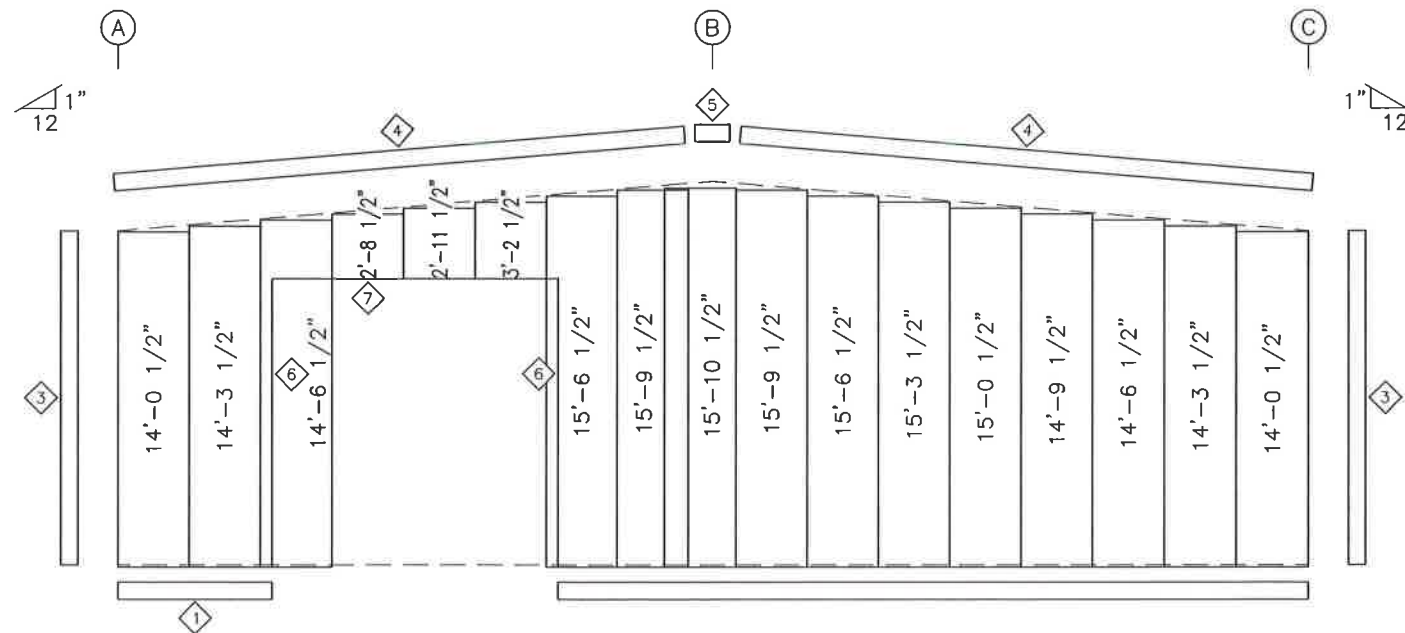
PROJECT NAME
MELISSA SMITH
 OGDEN, UT
 CUSTOMER NAME
SMITH STONE SUPPLY, INC.
 OGDEN, UT
 JOB NUMBER
U1408258A



SHEET
E4 of 6



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. CW - Brick Red SP

BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	1/2"	2"
Columns/Raf Jamb	6	A325	1/2"	2"
	4	A325	1/2"	2"

TRIM TABLE			
FRAME LINE 1			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_102
3	OCA01	242.000	TRIM_79
4	RTA02	242.000	TRIM_2
5	M1101	26.440	TRIM_98
6	JTA145	145.000	TRIM_98
7	HTA148	148.000	TRIM_98

FLANGE BRACE TABLE			
FRAME LINE 1			
ID	QUAN	MARK	LENGTH
1	10	FBE02	37.130

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W08S075	149.250
EC-2	W08S105	172.938
EC-3	W08S075	149.250
ER-1	W12SD120	299.563
ER-2	W12SD120	299.563
DJ-1	J08C060	150.438
DJ-2	J08C060	162.438
DH-1	J08C060	144.000
G-1	08Z054	54.500
G-2	08Z054	70.500
G-3	08Z099	275.500
G-4	08Z075	275.500
CB-1	RDB-	322.000
CB-2	RDB-	332.000

CONNECTION PLATES	
FRAME LINE 1	
ID	MARK/PART
1	NCR03
2	JCS01ewa
3	JCA&P02

ENDWALL FRAMING PLAN

GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:
 ROD = 5/8" ROD CAA- = 1/4" CABLE
 RDC- = 3/4" ROD CAB- = 3/8" CABLE
 RDD- = 7/8" ROD CAC- = 1/2" CABLE
 RDE- = 1" ROD
 RDF- = 1 1/8" ROD
 RDG- = 1 1/4" ROD
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

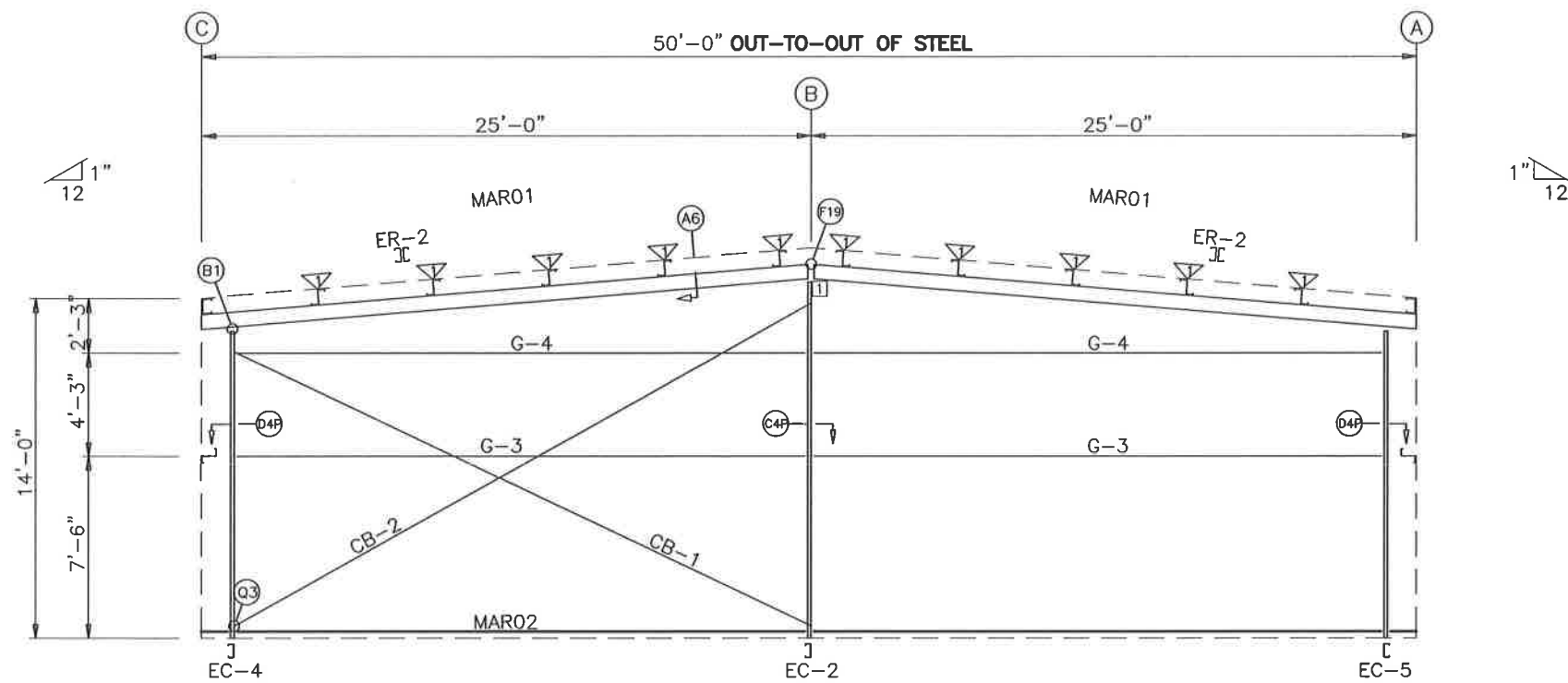
DATE	BY	CHKD	APP'D
11/19/14	JBU	RHW	COS
11/19/14	JBU	RHW	COS

COASTAL STEEL STRUCTURES
 4800 NW 2ND AVE., SUITE 5
 BOCA RATON, FL 33431
 PHONE: (561) 221-6600
 TOLL FREE: (888) 783-3535
 FAX: (888) 783-3535

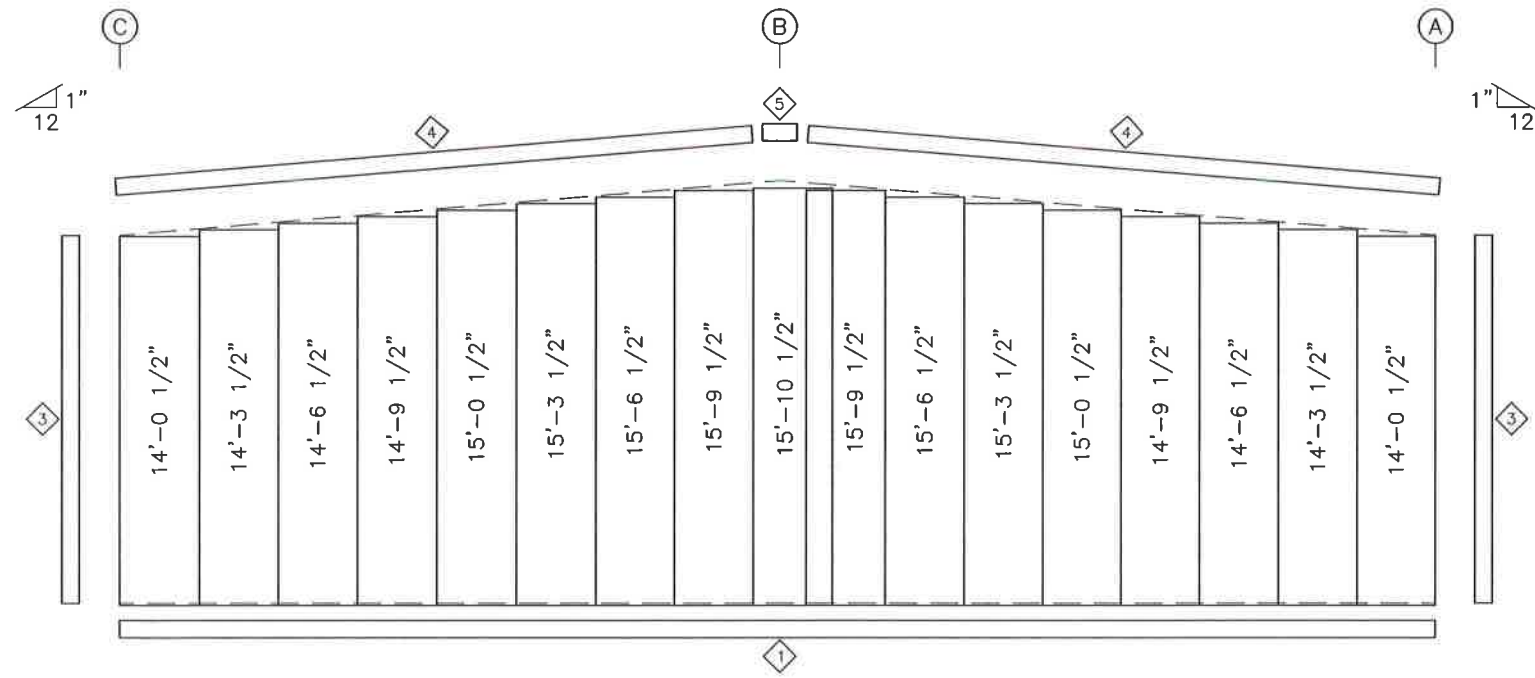
PROJECT NAME: MELISSA SMITH
 OGDEN, UT
 CUSTOMER NAME: SMITH STONE SUPPLY, INC.
 OGDEN, UT
 JOB NUMBER: U1408258A
 SHEET TITLE: SHEET



E5 of 6



ENDWALL FRAMING: FRAME LINE 6



ENDWALL SHEETING & TRIM: FRAME LINE 6
PANELS: 26 Ga. CW - Brick Red SP

BOLT TABLE FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-2/ER-2	4	A325	1/2"	2"
Columns/Raf	6	A325	1/2"	2"

TRIM TABLE FRAME LINE 6			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_102
3	OCA01	242.000	TRIM_79
4	RTA02	242.000	TRIM_2
5	M1101	26.440	

FLANGE BRACE TABLE FRAME LINE 6			
ID	QUAN	MARK	LENGTH
1	10	FBE02	37.130

MEMBER TABLE FRAME LINE 6		
MARK	PART	LENGTH
EC-2	W08S105	172.938
EC-4	W08S075	149.250
EC-5	W08S075	149.250
ER-2	W12SD120	299.563
G-3	08Z099	275.500
G-4	08Z075	275.500
CB-1	RDB-	322.000
CB-2	RDB-	332.000

CONNECTION PLATES FRAME LINE 6	
ID	MARK/PART
1	NCR03

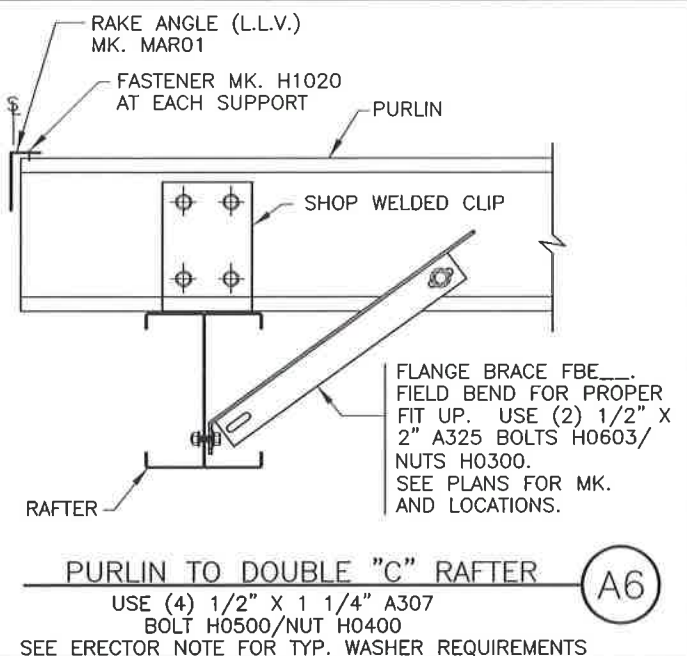
ENDWALL FRAMING PLAN

GENERAL NOTES

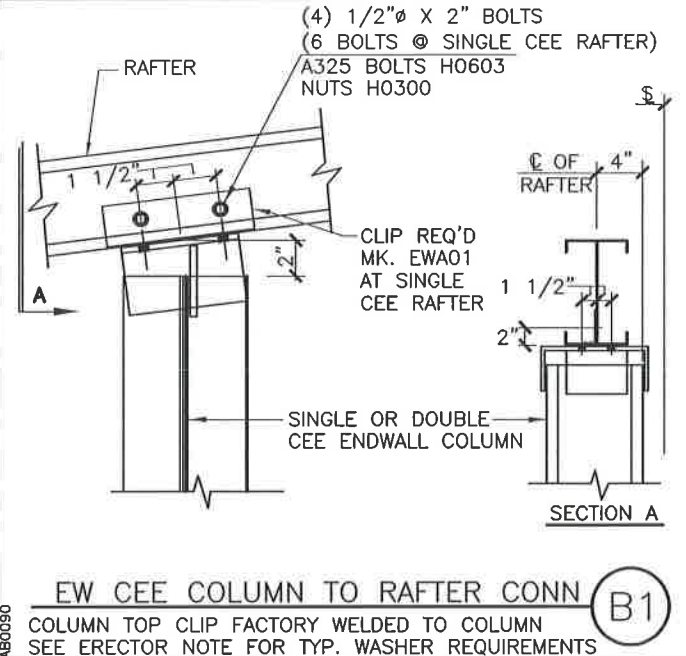
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
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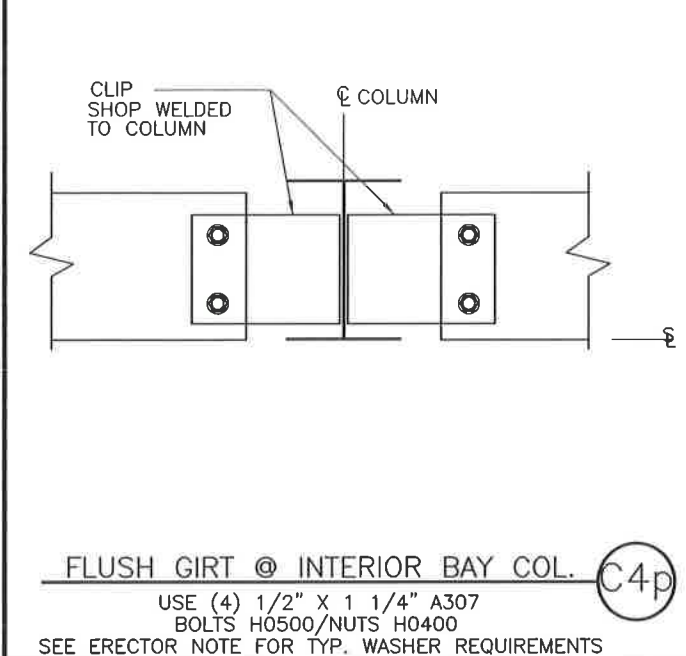
PROJECT NAME MELISSA SMITH OGDEN, UT	CUSTOMER NAME SMITH STONE SUPPLY, INC. OGDEN, UT	JOB NUMBER U1408258A	SHEET TITLE E6 of 6
PROJECT NO. 11/19/14		DATE 11/19/14	
ISSUE NO. 1		DATE 11/19/14	
DRAWN BY MBS		CHECKED BY MBS	
DESIGNED BY MBS		DATE 11/19/14	
APPROVED BY MBS		DATE 11/19/14	
ANCHOR BOLTS FOR CONSTRUCTION Permit Drawings			
COASTAL STEEL STRUCTURES 4800 NW 2ND AVE., SUITE 5 BOCA RATON, FL 33431 PHONE: (561) 221-6600 FAX: (561) 221-6600 TOLL FREE: (888) 783-3535 (888) 783-3535 (888) 783-3535			
REGISTERED PROFESSIONAL ENGINEER No: 8689295-2202 COLTON DAVIS SIMMONS STATE OF UTAH			



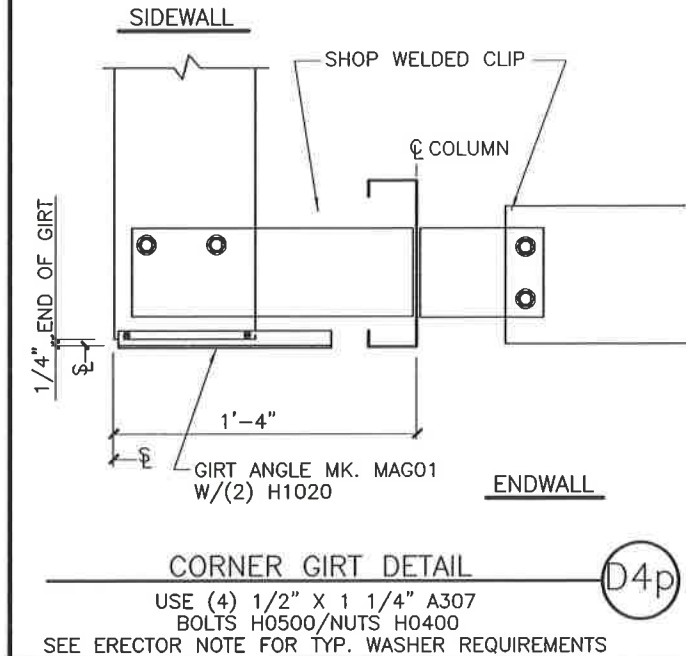
PURLIN TO DOUBLE "C" RAFTER (A6)
 USE (4) 1/2" X 1 1/4" A307 BOLT H0500/NUT H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



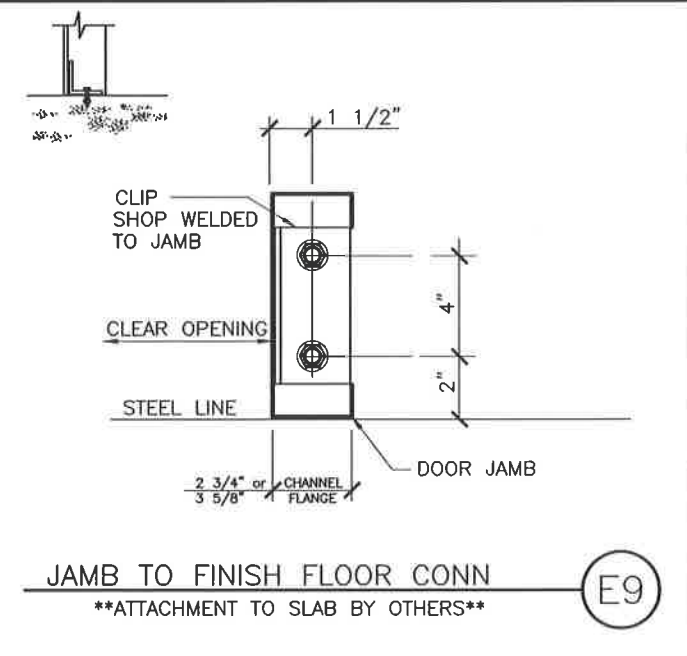
EW CEE COLUMN TO RAFTER CONN (B1)
 COLUMN TOP CLIP FACTORY WELDED TO COLUMN
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



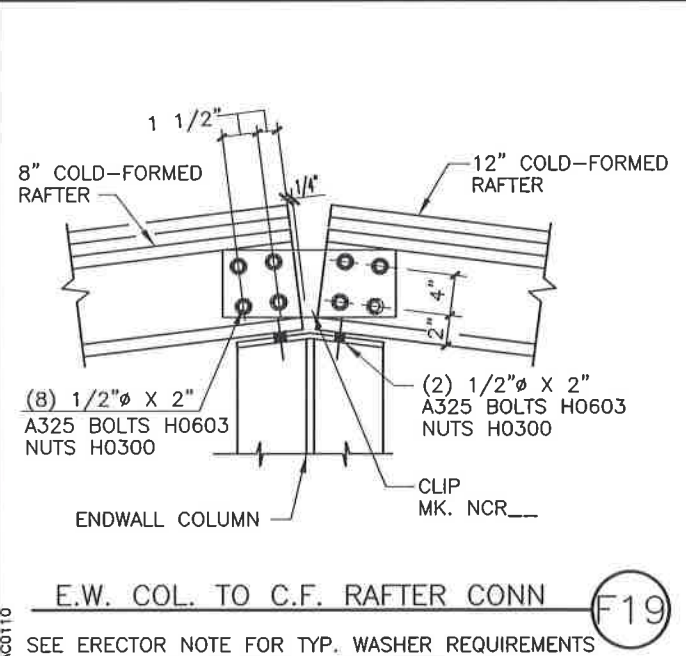
FLUSH GIRT @ INTERIOR BAY COL. (C4p)
 USE (4) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



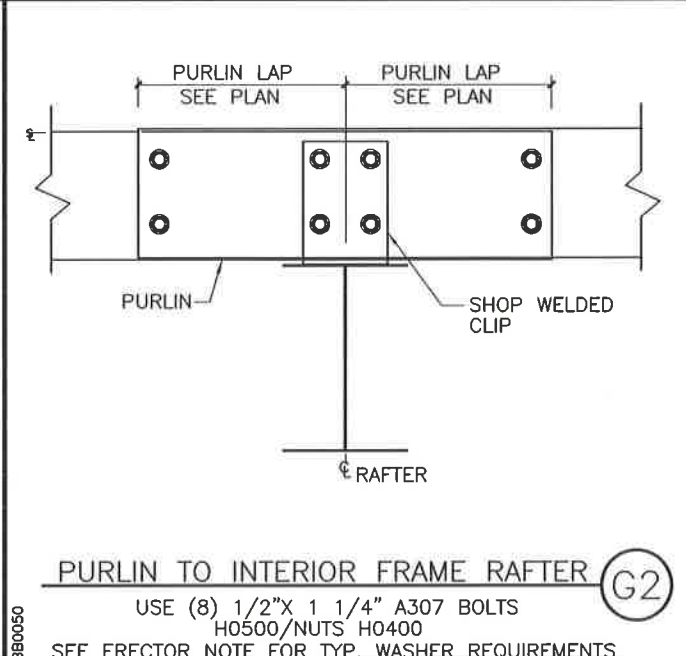
CORNER GIRT DETAIL (D4p)
 USE (4) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



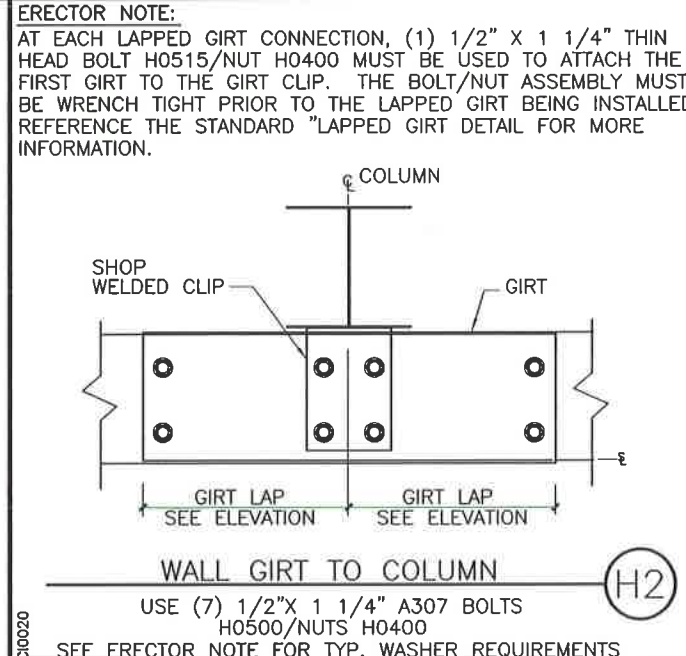
JAMB TO FINISH FLOOR CONN (E9)
 ATTACHMENT TO SLAB BY OTHERS



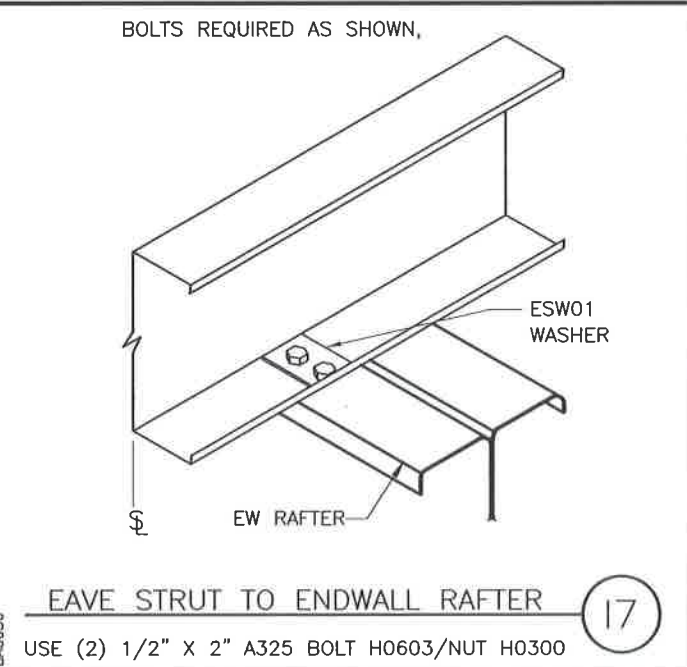
E.W. COL. TO C.F. RAFTER CONN (F19)
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



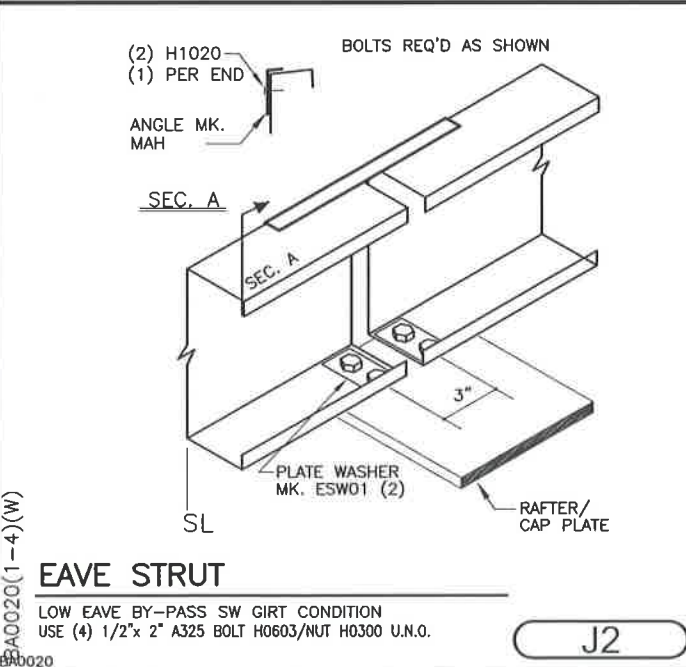
PURLIN TO INTERIOR FRAME RAFTER (G2)
 USE (8) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



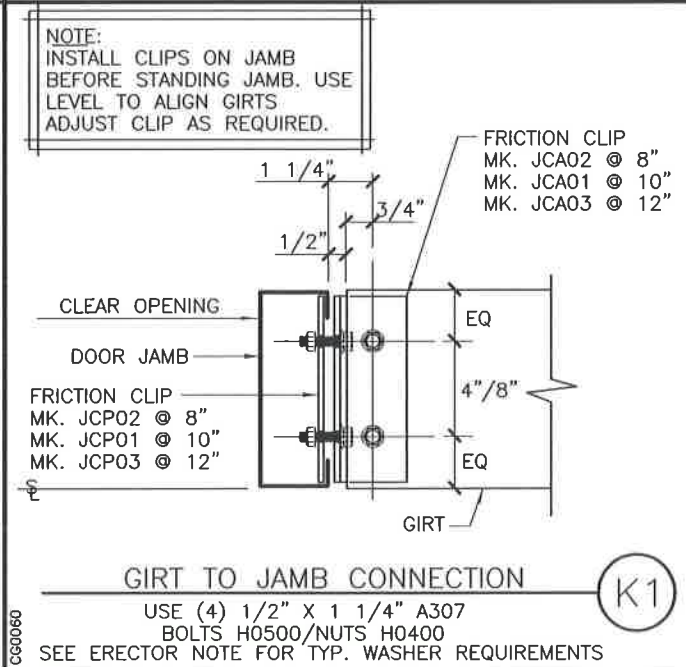
WALL GIRT TO COLUMN (H2)
 USE (7) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



EAVE STRUT TO ENDWALL RAFTER (I7)
 USE (2) 1/2" X 2" A325 BOLT H0603/NUT H0300



EAVE STRUT (J2)
 LOW EAVE BY-PASS SW GIRT CONDITION
 USE (4) 1/2" X 2" A325 BOLT H0603/NUT H0300 U.N.O.



GIRT TO JAMB CONNECTION (K1)
 USE (4) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

Anchor Bolts for Construction	MBS	JBU	RHW	CDS	11/19/14
Permit Drawings	MBS	JBU	RHW	CDS	11/19/14

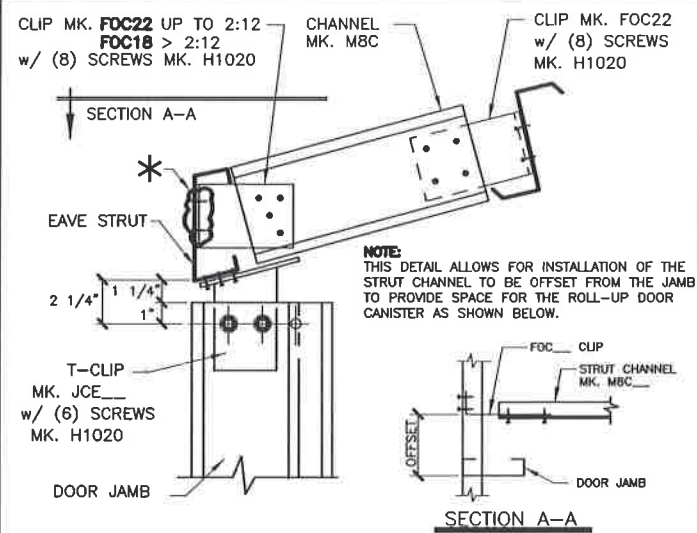
COASTAL STEEL STRUCTURES
 4800 NW 2ND AVE, SUITE 5
 BOCA RATON, FL 33431
 PHONE: (561) 221-6600
 TOLL FREE: (888) 785-3535
 FAX: (888) 785-3535

PROJECT NAME: MELISSA SMITH OGDEN, UT
CUSTOMER NAME: SMITH STONE SUPPLY, INC. OGDEN, UT
JOB NUMBER: U1408258A
SHEET TITLE:

REGISTERED PROFESSIONAL ENGINEER
 COLTON DAVIS SIMMONS
 No: 8689295-2202
 STATE OF UTAH

DESIGNED AND SUPPLIED BY THE METAL BUILDING MANUFACTURER. The drawings and the metal buildings which they represent are the product of the Metal Building Manufacturer. The registered professional engineer whose name appears on these drawings is not responsible for the design or construction of the building or for the accuracy of the information that is not provided as such.

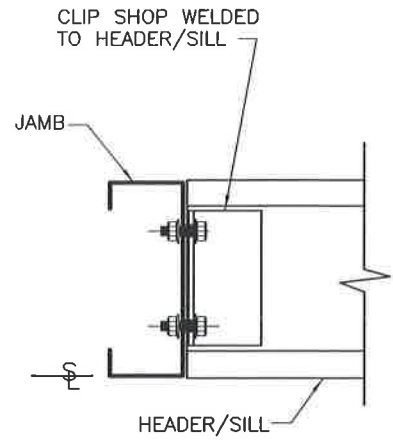
D1 of 5



JAMB TO EAVE STRUT

USE (2) 1/2" X 1 1/2" A307 BOLTS H0500/NUTS H0400
* - DO NOT ALIGN SCREWS WITH HOLES IN CLIP.
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

L4

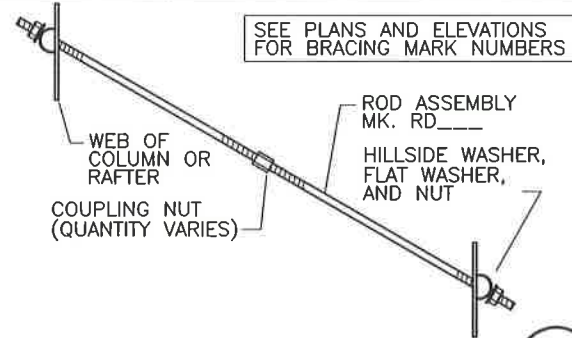


HEADER/SILL TO JAMB CONNECTION

USE (2) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 (U.N.O.)
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

M3

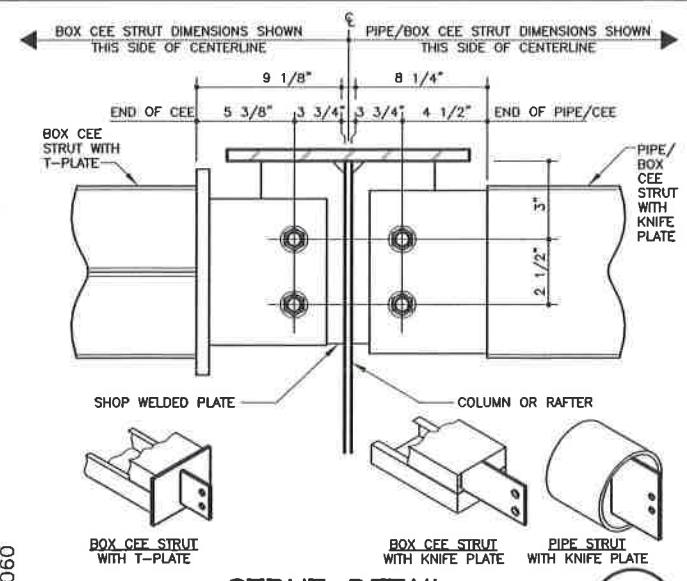
ROD DIAMETER	MARK NUMBER	HILLSIDE WASHERS	FLAT WASHERS	A307/A325 NUTS	COUPLING NUTS
5/8" Ø	RDB	(2) H0930	(2) H0210	(2) H0310	H0810
3/4" Ø	RDC	(2) H0930	(2) H0220	(2) H0320	H0820
7/8" Ø	RDD	(2) H0930	(2) H0230	(2) H0325	H0830
1" Ø	RDE	(2) H0960	(2) H0240	(2) H0330	H0840
1 1/8" Ø	RDF	(2) H0960	(2) H0250	(2) H0450	H0850
1 1/4" Ø	RDG	(2) H0960	(2) H0260	(2) H0340	H0860



ROD BRACE DETAIL

(WEB TO WEB)

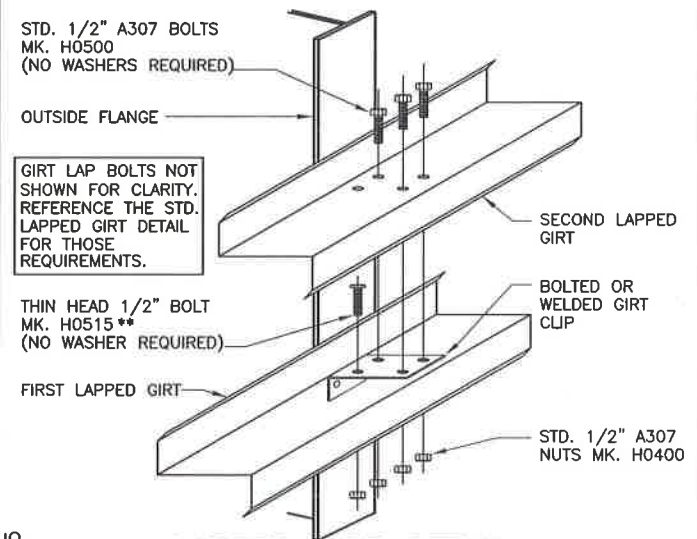
Q3



STRUT DETAIL

6" PIPE STRUT OR BOX CEE STRUT AT 8" (MIN.) COLUMN OR RAFTER
NOTE: USE (2) 1" X 3 1/4" A325 BOLTS H0640/NUTS H0330
SEE PLANS & ELEVATIONS FOR MARK NUMBERS AND LOCATIONS

Q10

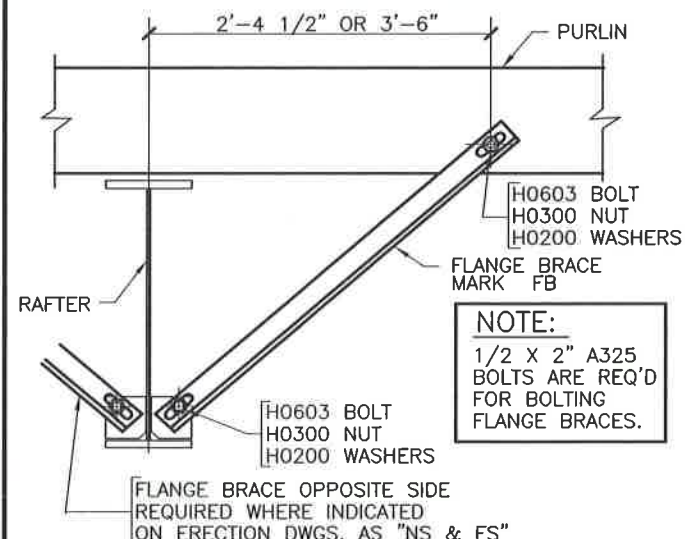
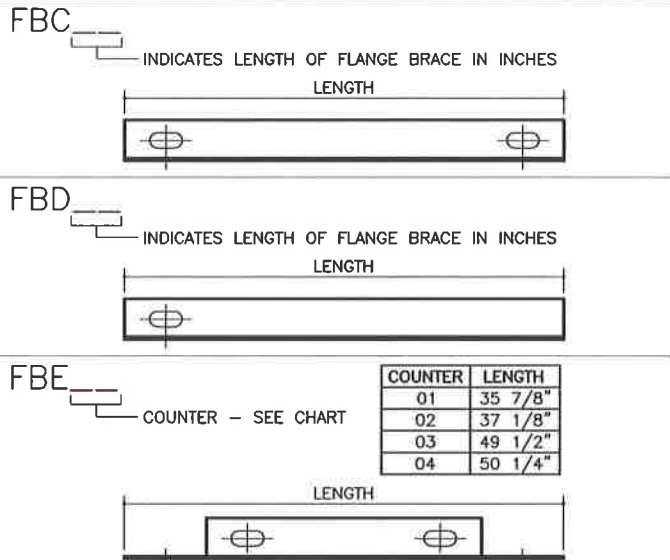


LAPPED GIRT DETAIL

LAPPED GIRTS @ INTERIOR BAY COLUMNS
** THE THIN HEAD 1/2" A307 BOLT MUST BE INSTALLED INTO THE FIRST GIRT AND CLIP OF A LAPPED CONDITION. THE BOLT/NUT ASSEMBLY MUST BE WRENCH TIGHT PRIOR TO THE SECOND LAPPED GIRT BEING INSTALLED.

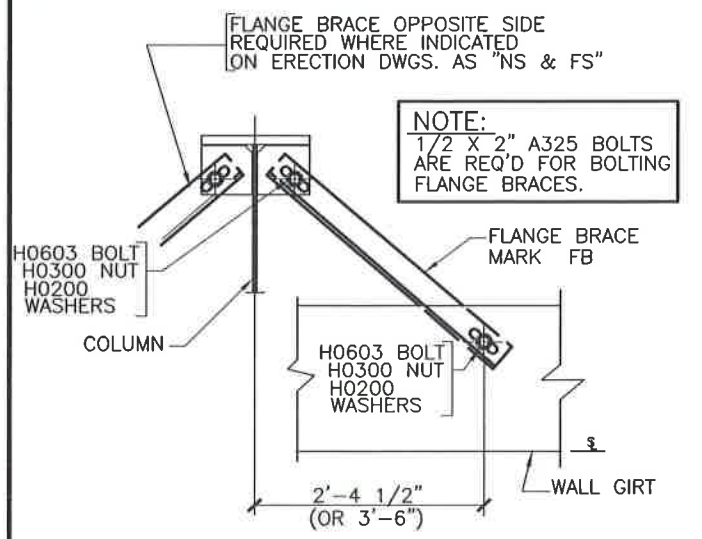
TYPICAL FLANGE BRACE MARK NUMBERS

ACTUAL FLANGE BRACES DO NOT HAVE MARK NUMBERS ON THEM



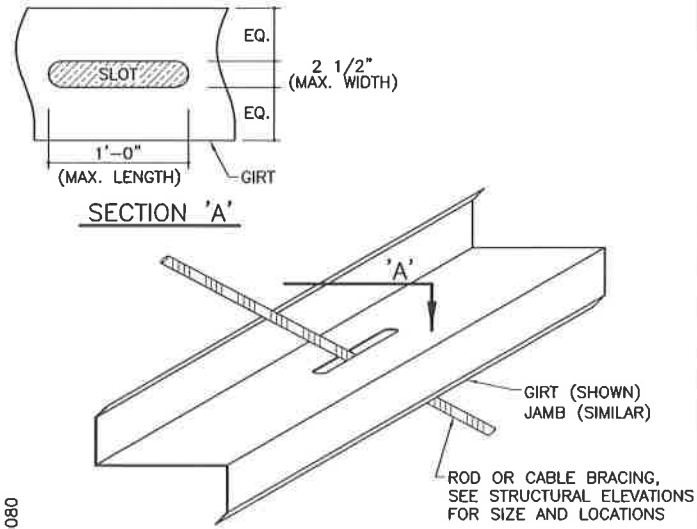
TYP FLANGE BRACE @ PURLIN & RAFTER

NOTE: SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS



TYP FLANGE BRACE @ BU COL & GIRT

NOTE: SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS



GUIDELINES FOR FIELD SLOTTING SECONDARY WEBS AT INSET OR FLUSH CONDITION

NO.	DATE	BY	CHKD	APP'D
MBS	11/19/14	RHW	CDS	
JBJ		RHW		
MBS	11/19/14	RHW	CDS	
JBJ		RHW		

Anchor Bolts for Construction

Permit Drawings

COASTAL STEEL STRUCTURES

4800 NW 2ND AVE., SUITE 5
BOCA RATON, FL 33431
PHONE: (561) 221-6600
FAX: (561) 221-6600
TOLL FREE: (888) 783-3535
CELL: (888) 783-3535

MELISSA SMITH
OGDEN, UT

CUSTOMER NAME
SMITH STONE SUPPLY, INC.
OGDEN, UT

JOB NUMBER
U1408258A

SHEET TITLE

REGISTERED PROFESSIONAL ENGINEER

NOV 19 2014

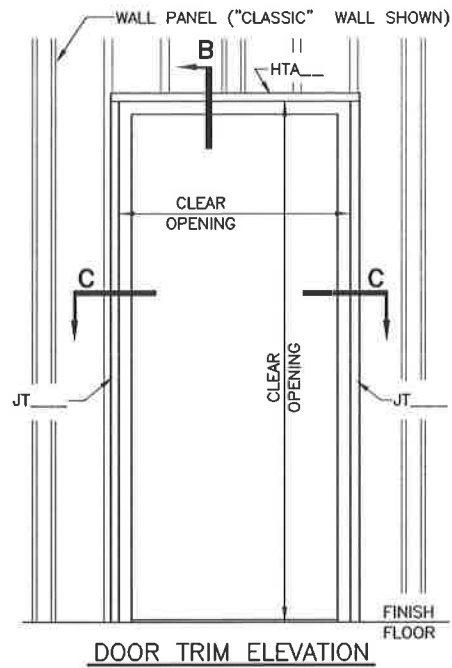
No: 8689295-2202
COLTON DAVIS
SIMMONS

STATE OF UTAH

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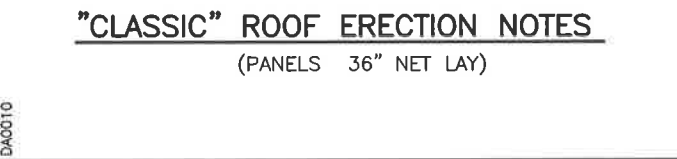
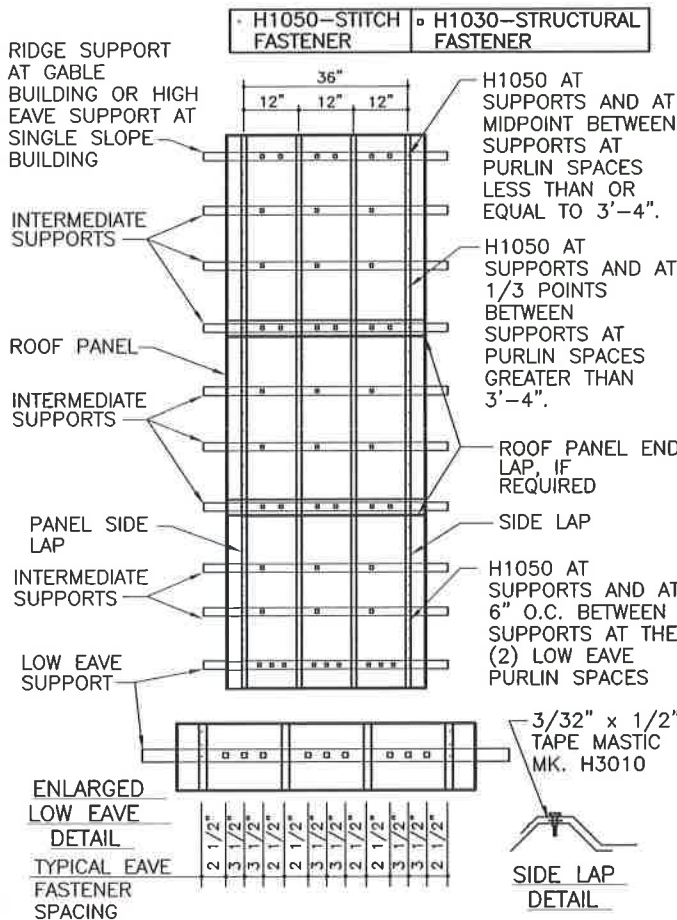
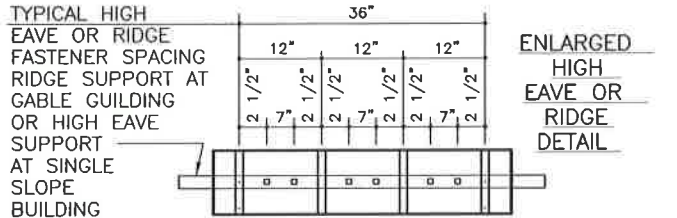
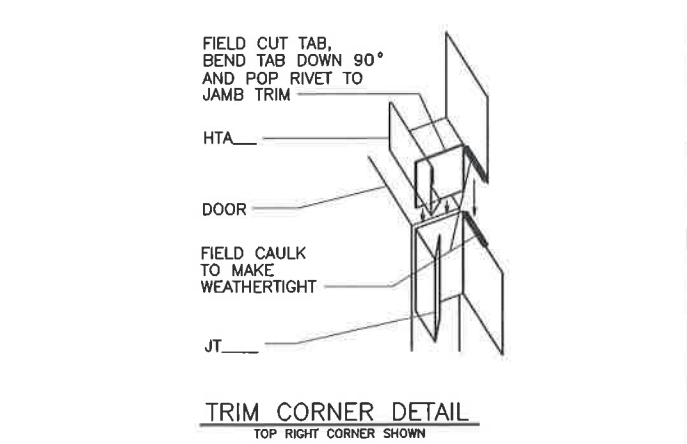
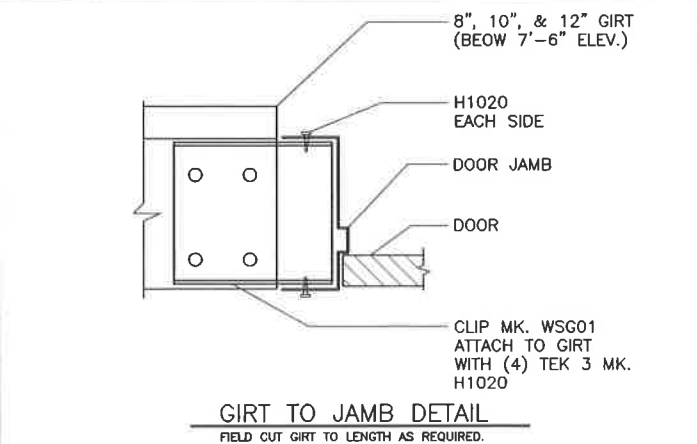
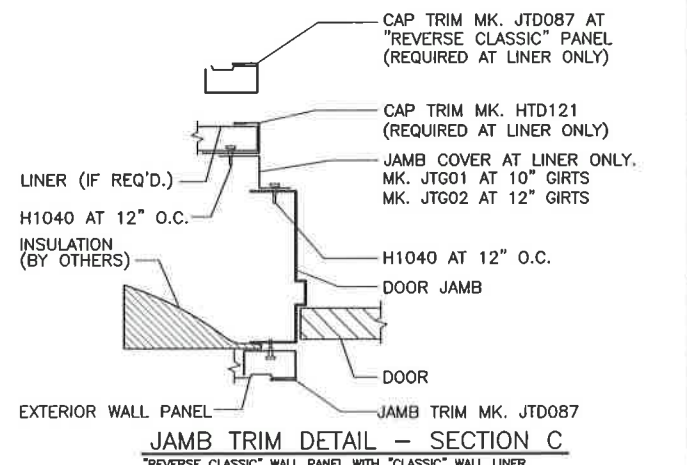
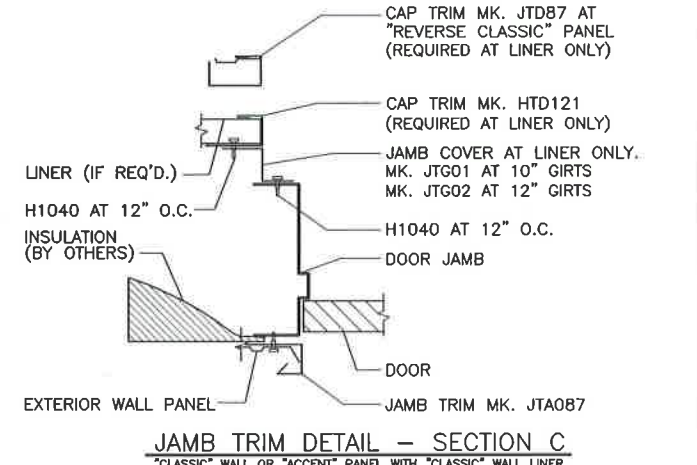
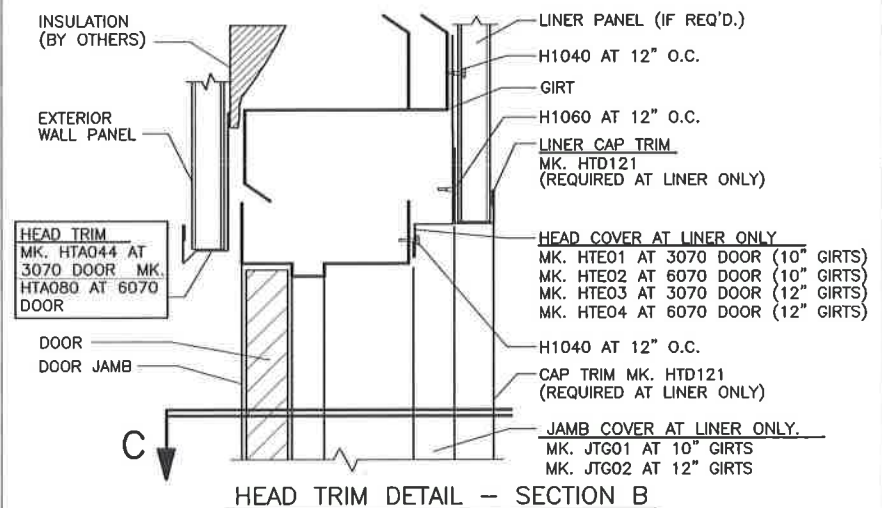
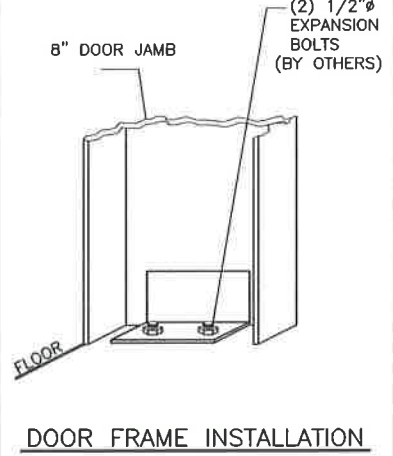
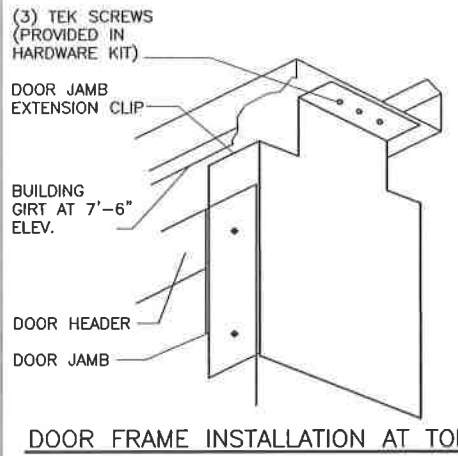
D2 of 5

GA0020



KNOCK DOWN DOOR ERECTION DETAILS

- 1) USE ONLY WHERE KNOCK DOWN DOORS ARE REQUIRED. SEE COVERSHEET (SHEET C1) FOR DOOR REQUIREMENTS.
- 2) FOLLOW DOOR AND FRAME ASSEMBLY INSTRUCTIONS PACKAGED WITH FRAME KIT.
- 3) HTA & JT TRIMS ARE FACTORY CUT TO LENGTH.



1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY MBS) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
2. ALIGN AND PLUMB FIRST WALL PANEL.
3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
7. STORE PANELS PROPERLY TO PREVENT MOISTURE. SEE ERECTION MANUAL.

PLEASE REFER TO THE ROOF AND WALL SHEETING ERECTION MANUALS FOR FURTHER ASSEMBLY INSTRUCTIONS

STANDARD FASTENER SCHEDULE		
H1000 SELF-TAPPING SCREW (GOOF SCREW) 17-14 x 1 1/4" WITH WASHER LONG LIFE FASTENER 3/8" HEAD	H1042 SELF-DRILLING SCREW 12-14 x 7/8" TCP3 W/O WASHER 5/16" HEAD	H1070 SELF-DRILLING SCREW 12-24 x 1 1/2" TCP5 W/O WASHER 5/16" HEAD 1/2" THK MAX DRILLING CAPACITY
H1020 SELF-DRILLING SCREW 1/4-14 x 1 1/4" TCP3 W/O WASHER 3/16" THK MAX DRILLING CAPACITY 5/16" HEAD	H1045 SELF-DRILLING SCREW 12-14 x 2" TCP3 W/O WASHER 5/16" HEAD	
H1030 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1047 SELF-DRILLING SCREW 12-14 x 2" TCP3 FLAT TOP WITH WASHER 5/16" HEAD	H1100 1/8" x 3/16" STAINLESS STEEL BLIND POP RIVET
H1035 SELF-DRILLING SCREW 12-14 x 1 1/2" TCP2 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1050 SELF-DRILLING SCREW 1/4-14 x 7/8" TCP1 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1110 3/8" STAINLESS GROMMET FASTENER
H1040 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 W/O WASHER 5/16" HEAD	H1060 SELF-DRILLING SCREW 12-14 x 7/8" TCP1 W/O WASHER 5/16" HEAD	H1220 SELF-DRILLING SCREW 12-14 x 1" TCP3 W/O WASHER PHILLIPS HEAD
H1041 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 FLAT TOP WITH WASHER 5/16" HEAD	H1061 SELF-DRILLING SCREW 12-14 x 7/8" TCP1 FLAT TOP WITH WASHER 5/16" HEAD	

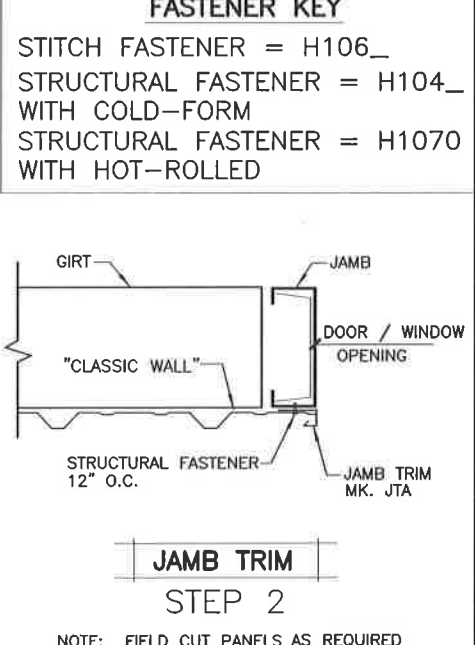
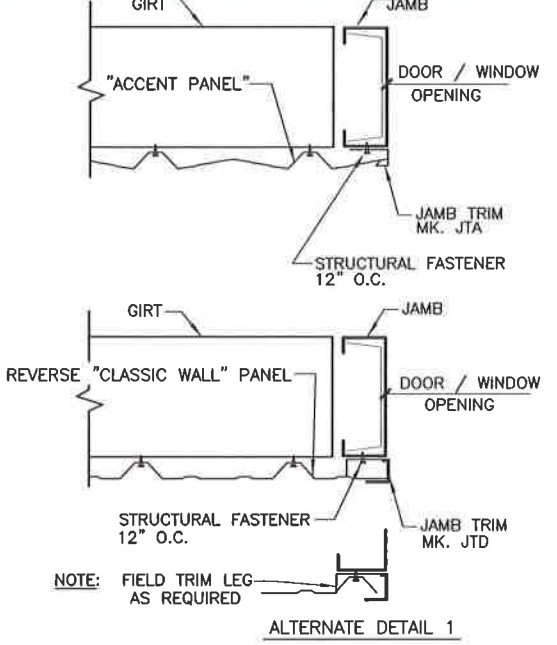
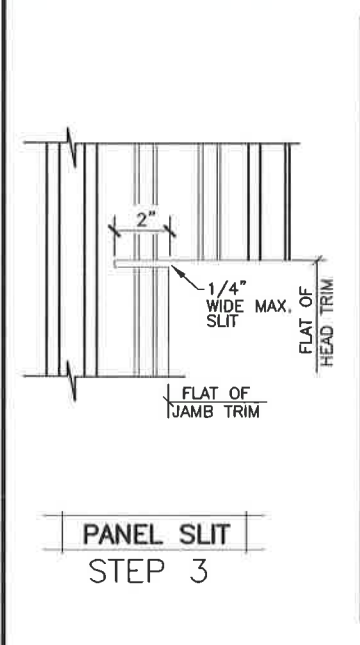
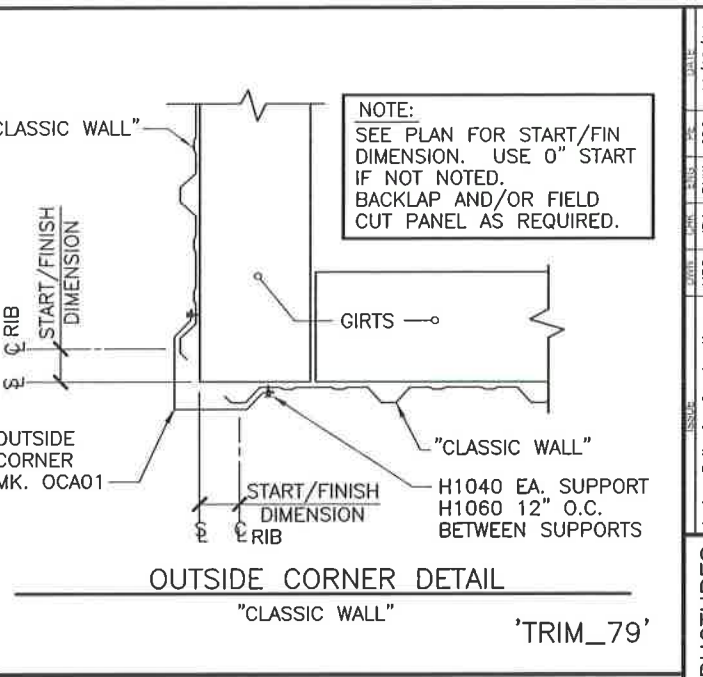
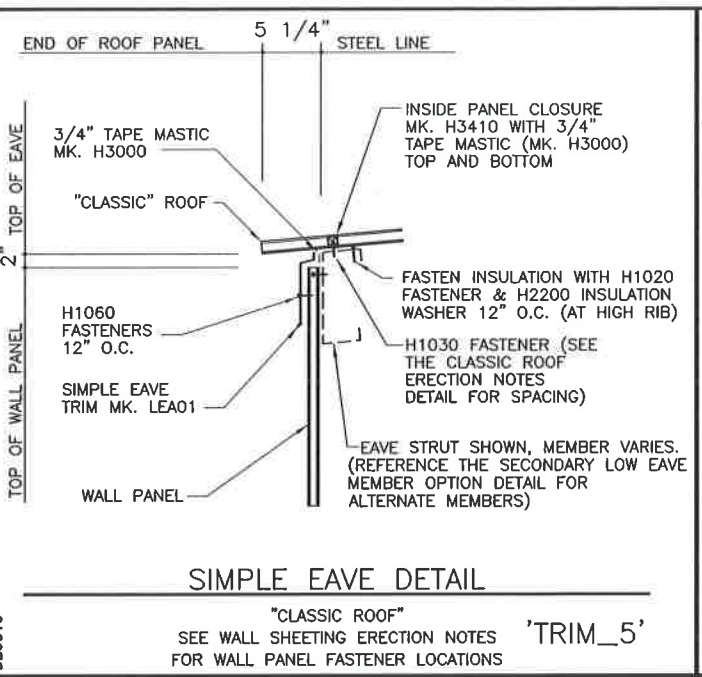
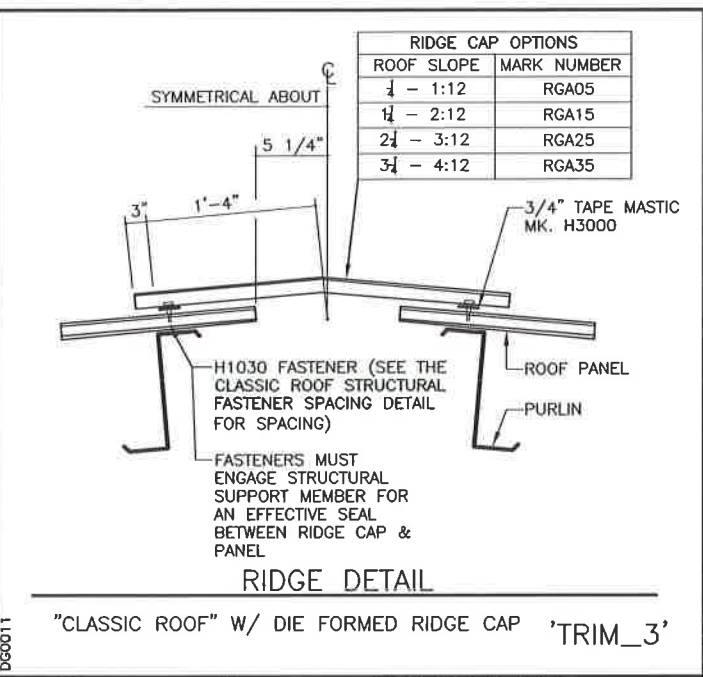
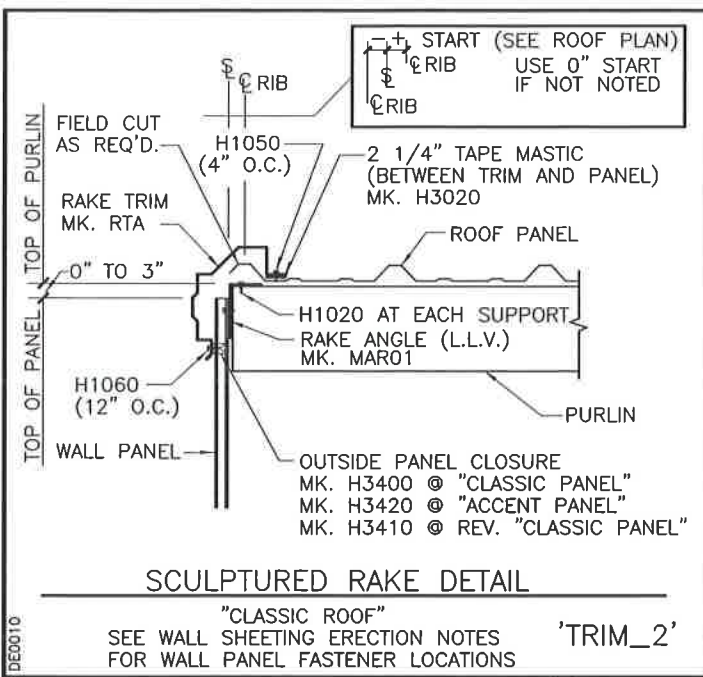
PROJECT NAME: MELISSA SMITH OGDEN, UT
CUSTOMER NAME: SMITH STONE SUPPLY, INC. OGDEN, UT
JOB NUMBER: U1408258A
SHEET TITLE: COASTAL STEEL STRUCTURES
DATE: 11/19/14
DESIGNER: JBU
CHECKER: RHW
DATE: 11/19/14
PERMIT DRAWINGS: MBS
CONSTRUCTION: MBS

4800 NW 2ND AVE, SUITE 5
BOCA RATON, FL 33431
PHONE: (561) 221-6600
TOLL FREE: (888) 783-3535
FAX: (888) 783-3535

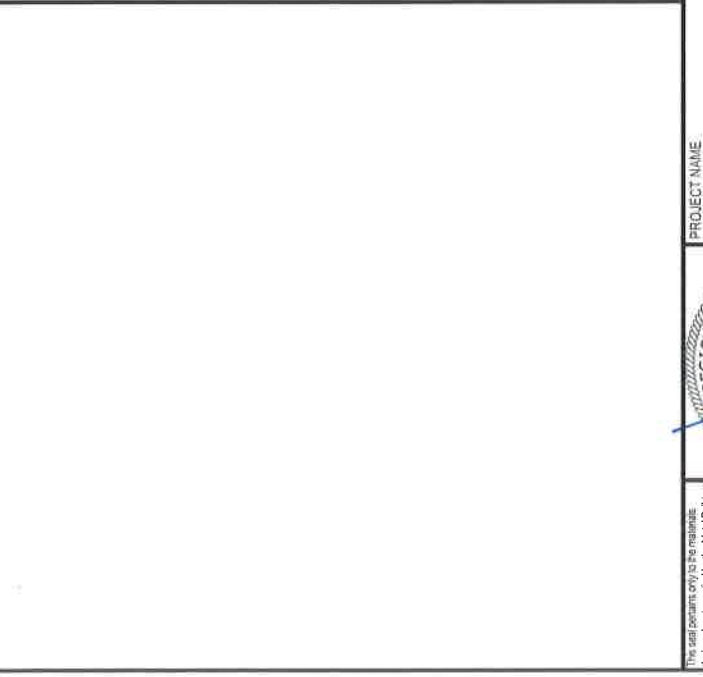
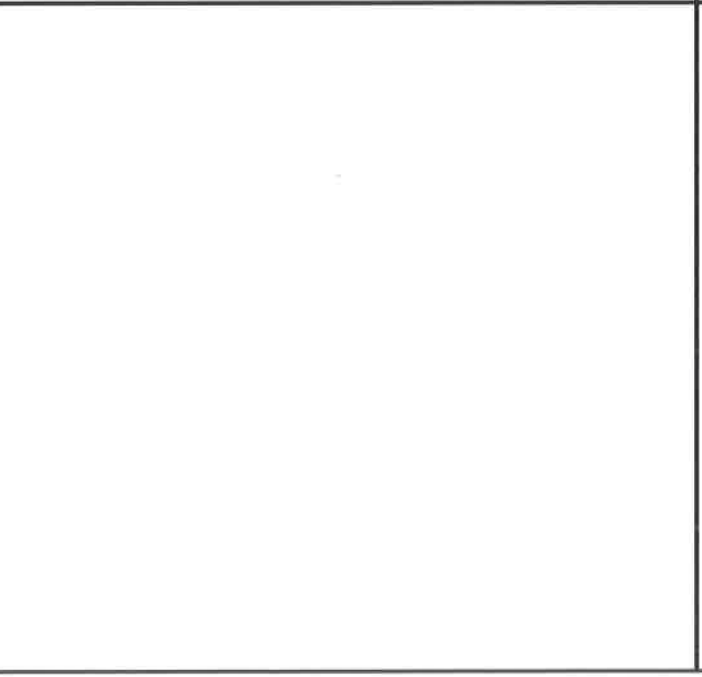
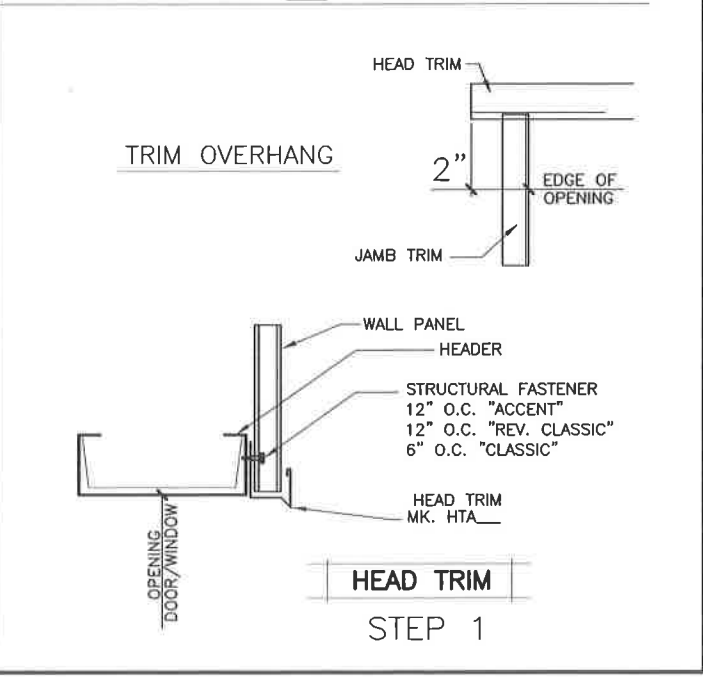
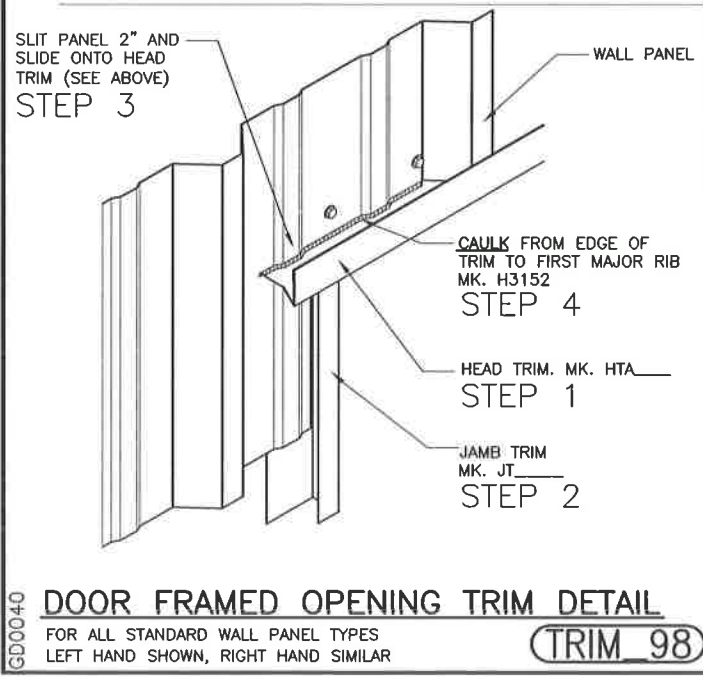
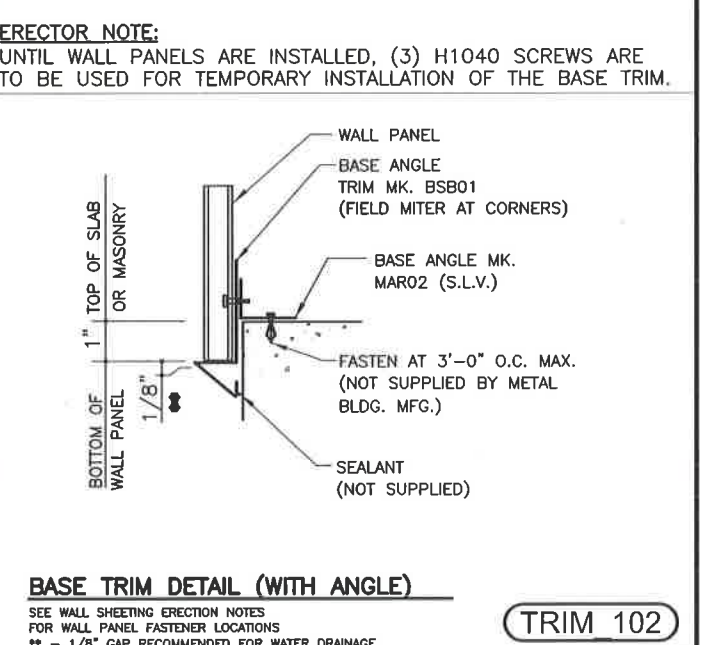
REGISTERED PROFESSIONAL ENGINEER
NOV 19 2014
No: 8689295-2202
COLTON DAVIS
SIMMONS
STATE OF UTAH

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D4 of 5



FASTENER KEY
STITCH FASTENER = H106_
STRUCTURAL FASTENER = H104_
WITH COLD-FORM
STRUCTURAL FASTENER = H1070
WITH HOT-ROLLED



Anchor Bolts for Construction	MBS	JBU	RHW	CDS	11/19/14
Permit Drawings	MBS	JBU	RHW	CDS	11/19/14

PROJECT NAME
MELISSA SMITH
OGDEN, UT

CUSTOMER NAME
SMITH STONE SUPPLY, INC.
OGDEN, UT

JOB NUMBER
U1408258A

SHEET TITLE
COASTAL STEEL STRUCTURES

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SHEET
D5 of 5