

BUILDER/CONTRACTOR RESPONSIBILITIES

Drawing Validity - These drawings, supporting structural calculations and design certification are based on the order documents as of the date of these drawings.

Builder Acceptance of Drawings - Approval of the manufacturer's drawings and design data affirms that the manufacturer has correctly interpreted and applied the requirements of the order documents and constitutes Builder/Contractor acceptance of the manufacturer's interpretations of the order documents and standard product specifications.

Code Official Approval - It is the responsibility of the Builder/Contractor to ensure that all project plans and specifications comply with the applicable requirements of any governing building authority.

Builder is responsible for State, Federal and OSHA safety compliance - The Builder/Contractor is responsible for applying and observing all pertinent safety rules and regulations and OSHA standards as applicable.

Building Erection - The Builder/Contractor is responsible for all erection of the steel and associated work in compliance with the Metal Building Manufacturers drawings.

Discrepancies - Where discrepancies exist between the Metal Building plans and plans for other trades, the Metal Building plans will govern.

Materials by Others - All interface and compatibility of any materials not furnished by the manufacturer are the responsibility of and to be coordinated by the Builder/Contractor or A/E firm.

Correction of Errors - Normal erection operations include the correction of minor misfits by moderate amounts of reaming, chipping, welding or cutting and the drawing of elements into line through the use of drift pins.

Modification of the Metal Building from Plans - The Metal Building supplied by the manufacturer has been designed according to the Building Code and specifications and the loads shown on this drawing.

Safety Commitment - The Metal Building Manufacturer has a commitment to manufacture quality building components that can be safely erected. However, the safety commitment and job site practices of the erector are beyond the control of the building manufacturer.

Foundation Design - The Metal Building Manufacturer is not responsible for the design, materials and workmanship of the foundation. Anchor rod plans prepared by the manufacturer are intended to show only location, diameter and projection of the anchor rods required to attach the Metal Building System to the foundation.

Dissimilar Materials - Never allow your roof to come in contact with, or water runoff from, any dissimilar metal including but not limited to: Copper and Arsenic Salts used in treated lumber, Calcium used in concrete, mortar and grout.

Debris Removal - Any foreign debris such as sawdust, dirt, animal droppings, etc. will cause corrosion of the roof, gutters, trim, etc. if left on building surfaces for a long enough time.

Shop Primed Steel - All structural members of the Metal Building System not fabricated of corrosion resistant material or protected by a corrosion resistant coating are painted with one coat of shop primer meeting the performance requirements of SSPC Paint Specification No. 15.

PROJECT NOTES

Material properties of steel bar, plate, and sheet used in the fabrication of built-up structural framing members conform to ASTM A529, ASTM A572, ASTM A1011 SS, or ASTM A1011 HSLAS with a minimum yield point of 50 ksi.

All bolt joints with A325 Type 1 bolts are specified as snug-tightened joints, unless noted otherwise, in accordance with the "Specification for Structural Joints using ASTM A325 or A490 bolts, June 30, 2004".

The manufacturer does not assume any responsibility for the erection nor field supervision of the structure and or any special inspections (including inspection of the high strength bolts or field welds) as required during erection.

Design is based upon the more severe loading of either the roof snow load or the roof live load.

Loads, as noted, are given within order documents and are applied in general accordance with the applicable provisions of the model code and/or specification indicated.

This project is designed using manufacture's standard serviceability standards. Generally this means that all stresses and deflections are within typical performance limits for normal occupancy and standard metal building products.

X-bracing (if applicable) is to be installed to a taut condition with all slack removed. Do not tighten beyond this state.

The design collateral load has been uniformly applied to the design of the building. Hanging loads are to be attached to the purlin web. This may not be appropriate for heavily concentrated loads.

DESIGN LOADING

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY:

CBC 13

THE BUILDER IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.

FRAME / ROOF DEAD LOAD SUPERIMPOSED 2.000 PSF COLLATERAL (LIGHTS) 4.5 PSF

FRAME / ROOF LIVE LOAD 12 /20.00 PSF

RISK CATEGORY II - Normal

SNOW LOAD GROUND SNOW LOAD (Pg) 20.000PSF

SNOW LOAD IMPORTANCE FACTOR (Is) 1.0000

FLAT ROOF SNOW LOAD (Pf) 20 PSF

SNOW EXPOSURE FACTOR (Ce) 1.0

THERMAL FACTOR (Ct) 1.00

WIND LOAD

ULTIMATE WIND SPEED 110 MPH

WIND EXPOSURE CATEGORY C

TOPOGRAPHICAL FACTOR 1.0

INTERNAL PRESSURE COEFFICIENT (GCpi) 0.18 /-0.18

ZONE 4, COMPONENT WIND LOAD <= 10FT^2

29.826 PSF PRESSURE -32.354 PSF SUCTION

ZONE 5, COMPONENT WIND LOAD < 10FT^2

29.826 PSF PRESSURE -39.861 PSF SUCTION

ZONES PER ASCE 7-10; FIG. 30.4-1

ZONES PRESSURES SHOWN ARE UN-FACTORED

RAIN INTENSITY

5-MINUTE DURATION, 5-YEAR RECURRENCE (I1) 2.5600 IN/HOUR

5-MINUTE DURATION, 25-YEAR RECURRENCE (I2) 3.2200 IN/HOUR

SEISMIC LOAD

SEISMIC IMPORTANCE FACTOR (Ie) 1.00

Ss 2.3707 Sds 1.0000

S1 0.9072 SD1 0.9070

SITE CLASS D

SEISMIC DESIGN CATEGORY E

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

BASIC FORCE RESISTING SYSTEM* TRANSVERSE C4 LONGITUDINAL FRONT B4 BACK B4

RESPONSE MODIFICATION COEFFICIENT(R) 3.25 3.25 3.25

SYSTEM OVER-STRENGTH FACTOR(Os) 3.0000 2.0000 2.0000

SEISMIC RESPONSE COEFFICIENT(Cs) 0.308 0.308 0.308

BLDG DESIGN BASE SHEAR (V) 12.72 (k) 12.68 (k)

THE TRANSVERSE DIRECTION IS PARALLEL TO THE RIGID FRAMES THE LONGITUDINAL DIRECTION IS PERPENDICULAR TO THE RIGID FRAMES

- BASIC FORCE RESISTING SYSTEM* C4. STEEL ORDINARY MOMENT FRAME B4. STEEL ORDINARY CONCENTRIC BRACED FRAMES H. STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE G3. INVERTED PENDULUM SYSTEMS CANTILEVERED COLUMN SYSTEMS

DRAWING INDEX

Table with 3 columns: ISSUE, PAGE, DESCRIPTION. Rows include COVER SHEET, ANCHOR BOLT PLAN, ANCHOR BOLT REACTIONS, ANCHOR BOLT DETAILS, ROOF FRAMING PLAN, FRONT SIDEWALL, BACK SIDEWALL, LEFT ENDWALL, RIGHT ENDWALL, FRAME CROSS SECTION, STANDARD DETAILS.

DRAWING STATUS

FOR APPROVAL THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY.

X FOR CONSTRUCTION PERMIT THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL. ONLY DRAWINGS ISSUED "FOR ERECTOR INSTALLATION" CAN BE CONSIDERED AS COMPLETE.

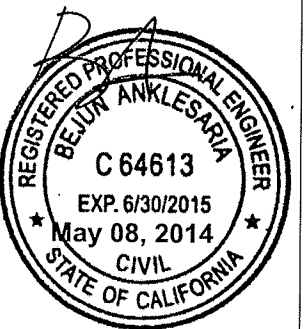
FOR ERECTOR INSTALLATION FINAL DRAWINGS FOR CONSTRUCTION.

FOR QUESTIONS OR ASSISTANCE CONCERNING ERECTION CALL: 1-905-477-1894 MONDAY - FRIDAY 7:30AM TO 5:00PM

ENGINEERING SEAL

THIS CERTIFICATION COVERS PARTS MANUFACTURED AND DELIVERED BY THE MANUFACTURER ONLY, AND EXCLUDES PARTS SUCH AS DOORS, WINDOWS, FOUNDATION DESIGN AND ERECTION OF THE BUILDING.

THESE DRAWINGS AND THE METAL BUILDING SYSTEM THEY REPRESENT ARE THE PRODUCT OF AN AFFILIATE OF NCI GROUP, INC. - 10943 N. SAM HOUSTON PARKWAY W., HOUSTON, TX 77064.

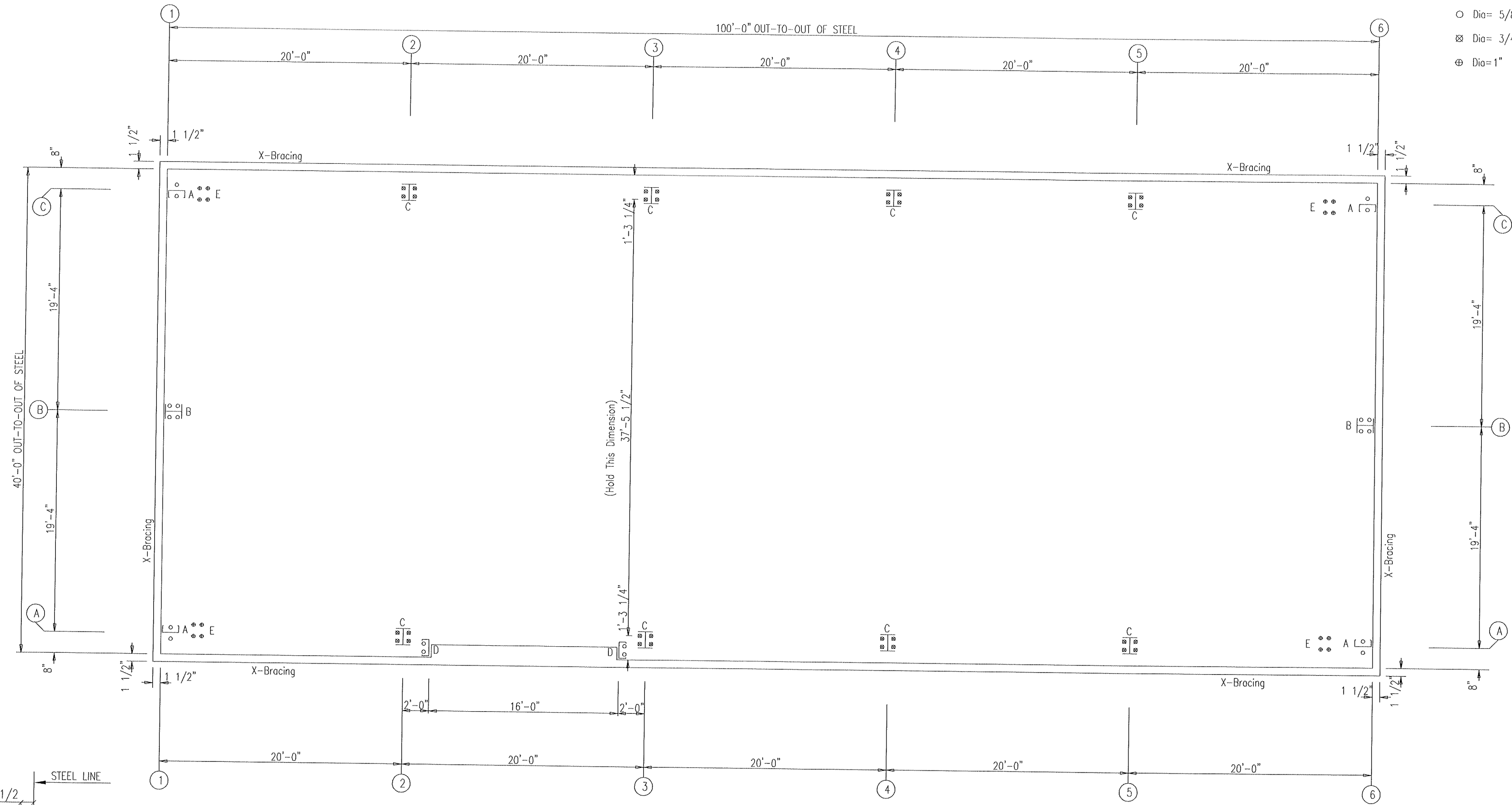


BUILDING SIZE: 40'-0" x 100'-0" x 25'-0" 3.0:12

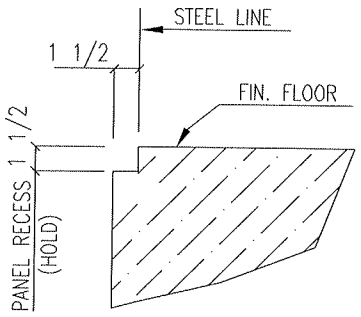
TORO STEEL BUILDINGS INC 1405 DENISON STREET MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087 CUSTOMER: GANESH VENAKATARAMAN OWNER: GANESH VENAKATARAMAN LOCATION: SAN MARTIN, CA 95046

Table with columns: ISSUE, DATE, DESCRIPTION, BY, CK'D, DSN, CAD, DATE, SCALE, PHASE, BUILDING ID, JOB NUMBER, SHEET NUMBER, ISSUE. Row 1: A, 5/ 5/14, FOR CONSTRUCTION PERMIT, GJO, SN, SAF, A, 5/ 5/14, N.T.S., 1, A, 14-B-47022, C1, A



ANCHOR BOLT PLAN



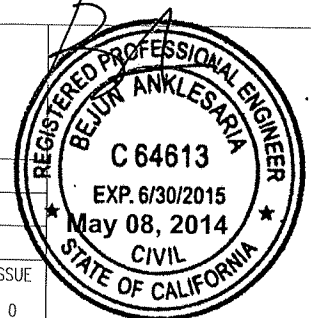
CONCRETE NOTCH DETAIL

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
0	5/ 5/14	FOR ERECTOR INSTALLATION	GJO	SN	SAF

TORO STEEL BUILDINGS INC
 1405 DENISON STREET
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CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	F1	0



GENERAL NOTES

- THE REACTIONS PROVIDED ARE BASED ON THE ORDER DOCUMENTS AT THE TIME OF MAILING. ANY CHANGES TO BUILDING LOADS OR DIMENSIONS MAY CHANGE THE REACTIONS. THE REACTIONS WILL BE SUPERSEDED AND VOIDED BY ANY FUTURE MAILING.
- REACTIONS ARE PROVIDED AS UN-FACTORED FOR EACH LOAD GROUP APPLIED TO THE COLUMN. THE FOUNDATION ENGINEER WILL APPLY THE APPROPRIATE LOAD FACTORS AND COMBINE THE REACTIONS IN ACCORDANCE WITH THE BUILDING CODE AND DESIGN SPECIFICATIONS TO DETERMINE BEARING PRESSURES AND CONCRETE DESIGN. THE FACTORS APPLIED TO LOAD GROUPS FOR THE STEEL COLUMN DESIGN MAY BE DIFFERENT THAN THE FACTORS USED IN THE FOUNDATION DESIGN.
- THE MANUFACTURER DOES NOT PROVIDE "MAXIMUM" LOAD COMBINATION REACTIONS. HOWEVER, THE INDIVIDUAL LOAD REACTIONS PROVIDED MAY BE USED BY THE FOUNDATION ENGINEER TO DETERMINE THE APPLICABLE LOAD COMBINATIONS FOR HIS/HER DESIGN PROCEDURES AND ALLOW FOR AN ECONOMICAL FOUNDATION DESIGN.
- THE METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLT DIAMETER ONLY TO PERMIT THE TRANSFER OF FORCES BETWEEN THE BASE PLATE AND THE ANCHOR BOLT IN SHEAR, BEARING AND TENSION, BUT IS NOT RESPONSIBLE FOR THE ANCHOR BOLT EMBEDMENT FOR TRANSFER OF FORCES TO THE FOUNDATION. THE METAL BUILDING MANUFACTURER DOES NOT DESIGN AND IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND CONSTRUCTION OF THE FOUNDATION EMBEDMENTS. THE END USE CUSTOMER SHOULD ASSURE HIMSELF THAT ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPOSED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE. IT IS RECOMMENDED THAT THE ANCHORAGE AND FOUNDATION OF THE BUILDING BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF SUCH STRUCTURES, (SECTION A3 MBMA 2006 METAL BUILDING SYSTEMS MANUAL).
- BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED)
- ANCHOR RODS ARE ASTM F1554 GRADE 36 MATERIAL UNLESS NOTED OTHERWISE.

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions (k)				Panel Shear (lb/ft)	
			Wind		Seismic		Wind	Seis
L_EW	1	B,A	3.1	4.6	1.5	2.3		
F_SW	A	1,2	2.9	3.3	3.2	3.7		
		5,6	2.9	3.3	3.2	3.7		
R_EW	6	A,B	3.1	4.6	1.5	2.3		
B_SW	C	6,5	2.9	3.3	3.2	3.7		
		2,1	2.9	3.3	3.2	3.7		

ENDWALL COLUMN:

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in)			
				Width	Length	Thick	Grout (in)
1	C	2	0.625	7.000	12.00	0.250	0.0
1	B	4	0.625	6.000	12.00	0.375	0.0
1	A	2	0.625	7.000	12.00	0.250	0.0
6	A	2	0.625	7.000	12.00	0.250	0.0
6	B	4	0.625	6.000	12.00	0.375	0.0
6	C	2	0.625	7.000	12.00	0.250	0.0

NOTES FOR REACTIONS

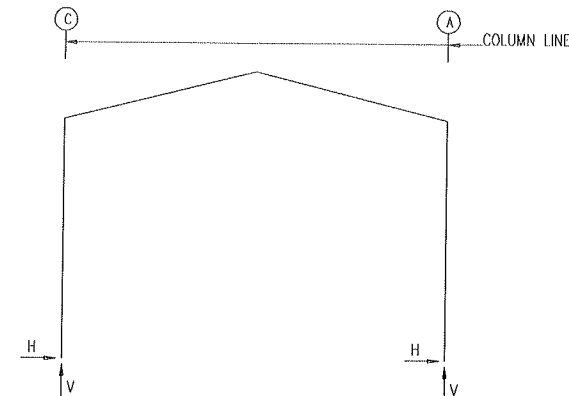
BUILDING REACTIONS ARE BASED ON THE FOLLOWING BUILDING DATA:

WIDTH (FT)	= 40
LENGTH (FT)	= 100
EAVE HEIGHT (FT)	= 25 / 25
ROOF SLOPE (rise/12)	= 3.0:12 / 3.0:12
DEAD LOAD (psf)	= 2.000
COLLATERAL LOAD (psf)	= 4.5
ROOF LIVE LOAD (psf)	= 20.00
FRAME LIVE LOAD (psf)	= 12
ROOF SNOW LOAD (psf)	= 20
GROUND SNOW LOAD (psf)	= 20.0000
WIND SPEED (MPH)	= 110
WIND CODE	= CBC 13
EXPOSURE	= C
CLOSED/OPEN	= Closed
IMPORTANCE - SEISMIC	= 1.00
SEISMIC ZONE	= E

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
○ 4	Jomb	5/8"	F1554	2.00
○ 16	Endwall	5/8"	F1554	2.00
⊗ 32	Frame	3/4"	F1554	2.50
⊕ 16	WindBent	1"	F1554	3.00

FRAME LINES: 2 3 4 5



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Anc. Bolt Dia	Base Plate (in)		Thick	Grout (in)
				Width	Length		
2*	C	4	0.750	6.000	10.50	0.375	0.0
2*	A	4	0.750	6.000	10.50	0.375	0.0
2* Frame lines:				2	3	4	5

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*	C	0.2	1.5	0.4	1.9	0.9	4.8	1.5	8.0	-5.7	-11.2	4.4	-3.7
2*	A	-0.2	1.5	-0.4	1.9	-0.9	4.8	-1.5	8.0	-4.4	-3.7	5.7	-11.2

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*	C	-7.2	-7.6	2.9	0.0	2.9	-10.8	2.1	-10.2	-1.6	-2.0	1.6	2.0
2*	A	-2.9	0.0	7.2	-7.6	-2.1	-10.2	-2.9	-10.8	-1.6	-2.0	1.6	-2.0

Frame Line	Column Line	---Seismic_Long---		F1UNB_SL_L---		F1UNB_SL_R---	
		Horz	Vert	Horz	Vert	Horz	Vert
2*	C	0.0	-4.8	1.2	7.4	1.2	4.3
2*	A	0.0	-4.8	-1.2	4.3	-1.2	7.4

2* Frame lines: 2 3 4 5

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horz
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
1	C	0.3	0.4	1.6	1.6	0.0	-2.1	0.0	-2.0	0.0	-2.1	0.0	-2.0	0.0
1	B	1.1	1.1	4.9	4.9	3.1	-10.7	0.0	-0.7	0.0	-10.7	0.0	-0.7	-6.5
1	A	0.3	0.4	1.6	1.6	0.0	3.4	3.1	-6.7	0.0	3.4	3.1	-6.7	0.0

Frm Line	Col Line	Wind Suct Horz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		E1UNB_SL_L-		E1UNB_SL_R-	
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	C	0.0	0.0	-2.0	0.0	-1.1	0.0	0.1	0.0	-0.1	0.0	1.8	0.0	0.3
1	B	7.2	0.0	-3.6	0.4	-4.9	2.0	-3.4	0.0	2.9	0.0	3.8	0.0	3.8
1	A	0.0	0.4	-1.7	0.0	-1.3	0.0	3.3	2.0	-2.8	0.0	0.3	0.0	1.8

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Press Horz
						Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	
6	A	0.3	0.4	1.6	1.6	3.1	-6.7	0.0	3.4	3.1	-6.7	0.0	3.4	0.0
6	B	1.1	1.1	4.9	4.9	0.0	-0.7	3.1	-10.7	0.0	-0.7	3.1	-10.7	-6.5
6	C	0.3	0.4	1.6	1.6	0.0	-2.0	0.0	-2.1	0.0	-2.0	0.0	-2.1	0.0

Frm Line	Col Line	Wind Suct Horz	Wind_Long1		Wind_Long2		Seis_Left		Seis_Right		E2UNB_SL_L-		E2UNB_SL_R-	
			Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
6	A	0.0	0.0	-1.3	0.4	-1.7	2.0	-2.8	0.0	3.3	0.0	1.8	0.0	0.3
6	B	7.2	0.4	-4.9	0.0	-3.6	0.0	2.9	2.0	-3.4	0.0	3.8	0.0	3.8
6	C	0.0	0.0	-1.1	0.0	-2.0	0.0	-0.1	0.0	0.1	0.0	0.3	0.0	1.8

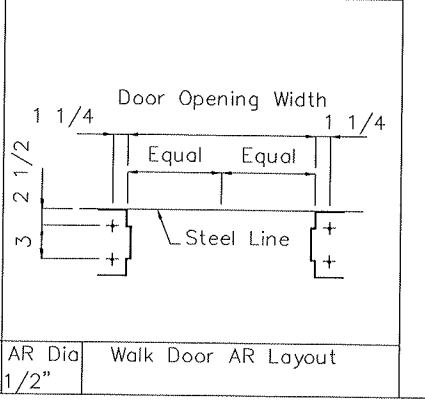
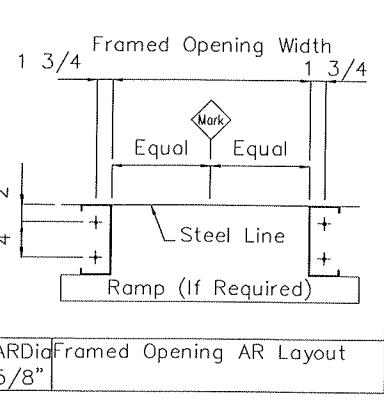
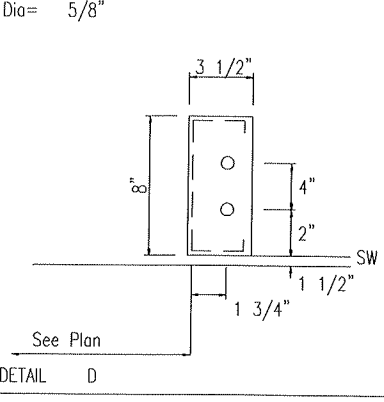
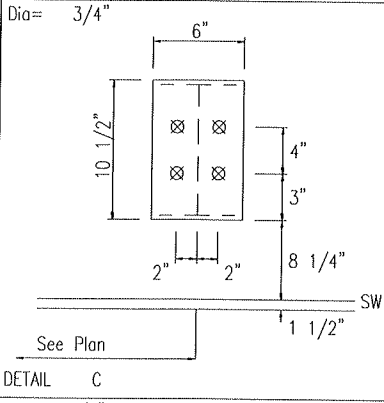
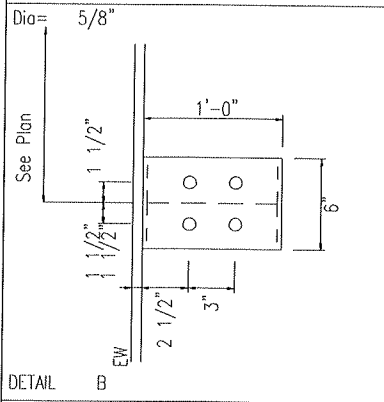
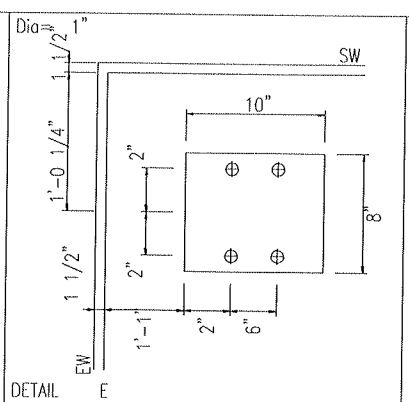
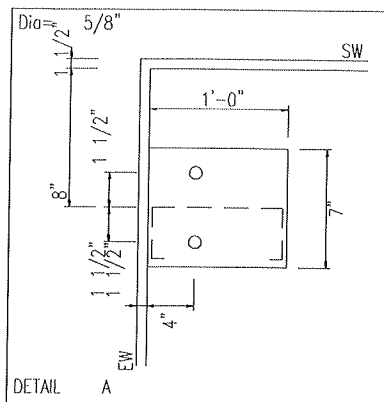
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
0	5/ 5/14	FOR ERECTOR INSTALLATION	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

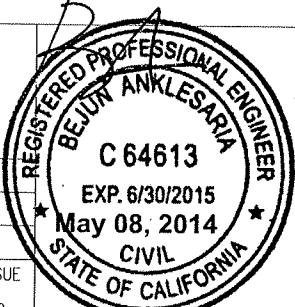
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	F2	0



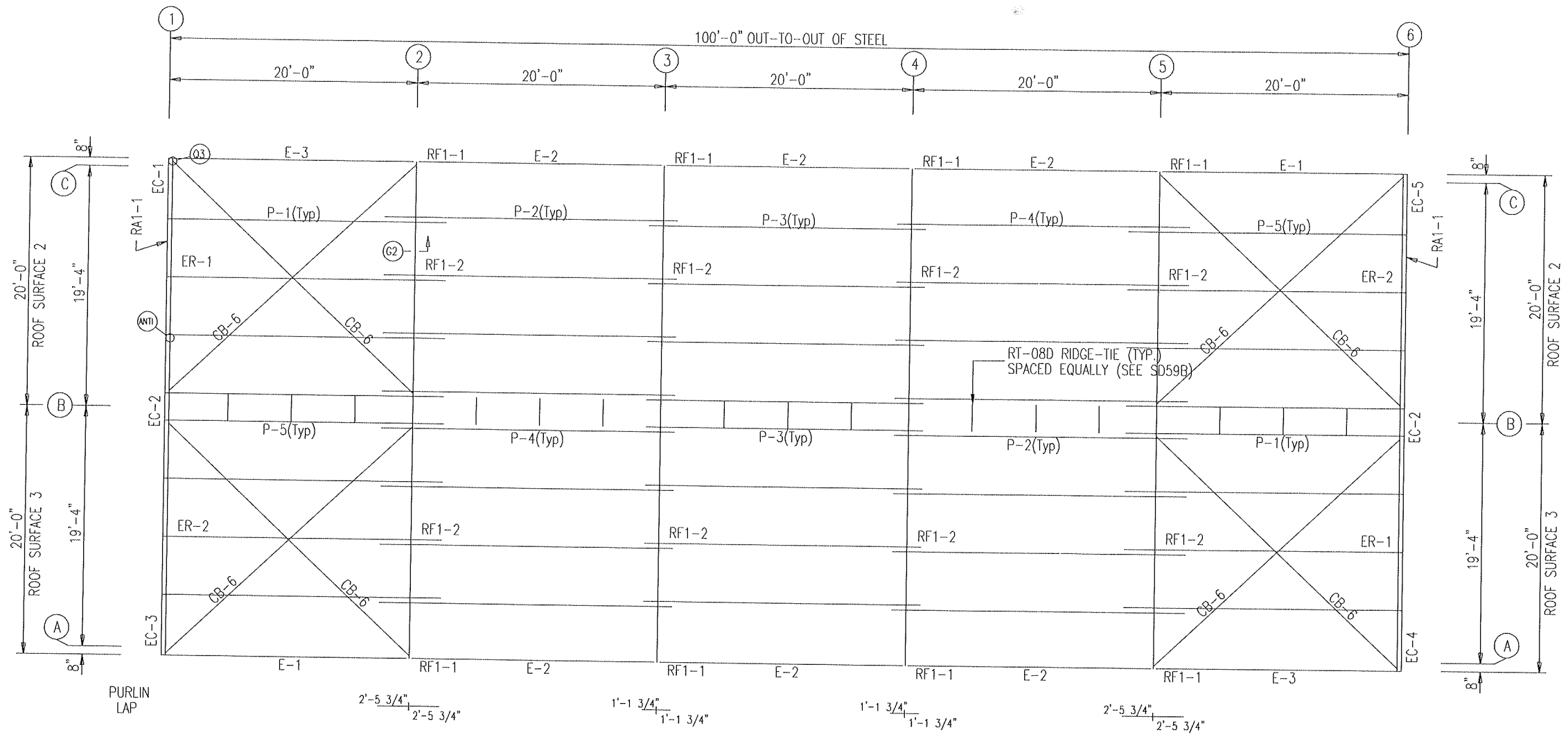


ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
0	5/ 5/14	FOR ERECTOR INSTALLATION	GJO	SN	SAF

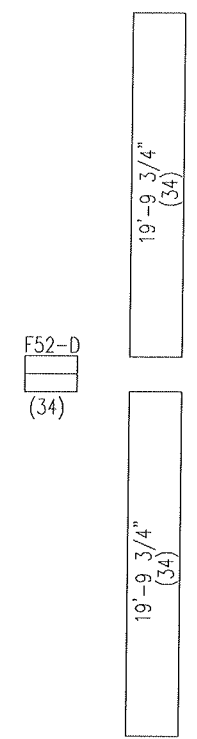
TORO STEEL BUILDINGS INC 1405 DENISON STREET MARKHAM, ON L3R-5V2					
PROJECT: GANESH VENAKATARAMAN T14-0087			OWNER: GANESH VENAKATARAMAN		
CUSTOMER: GANESH VENAKATARAMAN			LOCATION: SAN MARTIN, CA 95046		
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER
	5/ 5/14	N.T.S.	1	A	14-B-47022
					SHEET NUMBER
					F3
					ISSUE
					0



MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8X25Z14	22'-5 1/2"
P-2	8X25Z16	23'-7 1/2"
P-3	8X25Z16	22'-3 1/2"
P-4	8X25Z16	23'-7 1/2"
P-5	8X25Z14	22'-5 1/2"
E-1	8ES3L14	19'-11 1/2"
E-2	8ES3L14	19'-11 1/2"
E-3	8ES3L14	19'-11 1/2"
CB-6	1/2" DIA. ROD	27'-3"



ROOF FRAMING PLAN



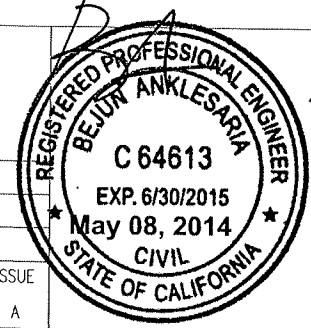
ROOF SHEETING
PANELS: 26 Ga. PR Galvalume

- GENERAL NOTES:
1. INSTALL ALL PURLIN AND FLANGE BRACES (FB) AS SHOWN.
 2. ROOF PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
 3. STRUT PURLINS, IF PROVIDED, MUST BE INSTALLED AND FASTENED TO ROOF SHEETING PER "PBR" PANEL ROOF DETAIL.
 4. DO NOT ADD ANY ADDITIONAL ROOF OPENINGS WITHOUT BUILDING MANUFACTURER APPROVAL OR PROFESSIONAL ENGINEER APPROVAL.
 5. DO NOT STACK SHEET BUNDLES ON ROOF. ONLY RAISE INDIVIDUAL SHEETS AS NEEDED.
 6. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

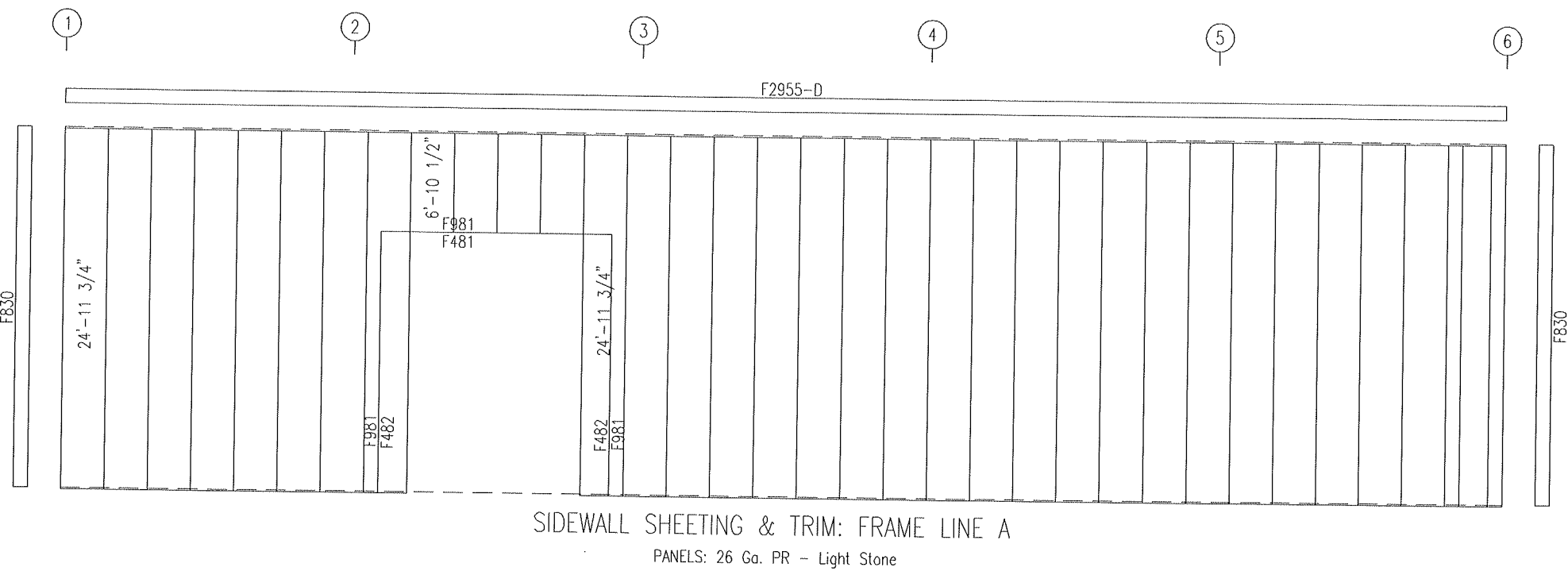
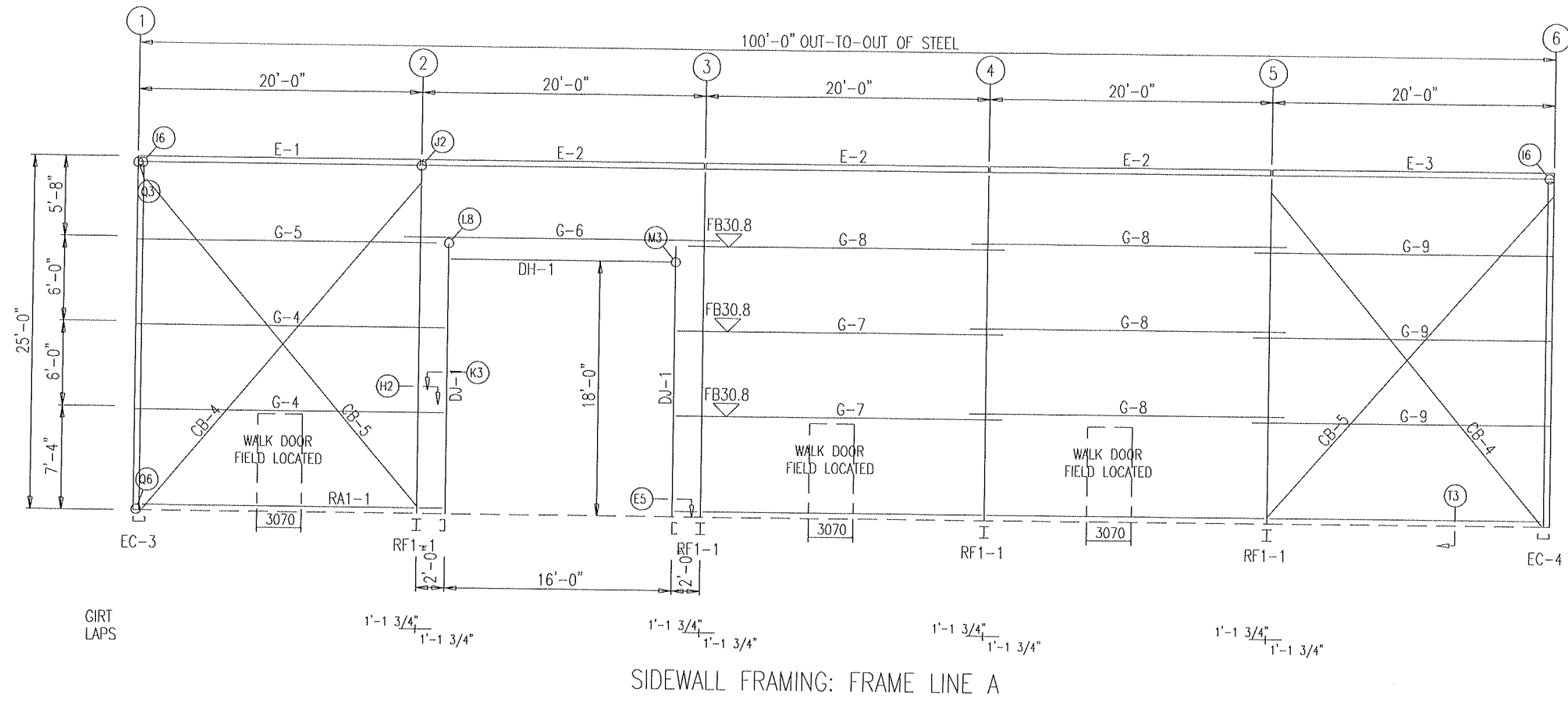
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT:	GANESH VENAKATARAMAN T14-0087	
CUSTOMER:	GANESH VENAKATARAMAN	OWNER: GANESH VENAKATARAMAN
LOCATION:	SAN MARTIN, CA 95046	
CAD	DATE	SCALE
	5/ 5/14	N.T.S.
PHASE	BUILDING ID	JOB NUMBER
1	A	14-B-47022
SHEET NUMBER	ISSUE	
E1	A	



MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
DJ-1	8F25C16	19'-4"
DH-1	8F25C16	16'-0"
E-1	8ES3L14	19'-11 1/2"
E-2	8ES3L14	19'-11 1/2"
E-3	8ES3L14	19'-11 1/2"
G-4	8X25Z14	21'-9"
G-5	8X25Z16	21'-1 1/2"
G-6	8X25Z16	22'-3 1/2"
G-7	8X25Z16	22'-11"
G-8	8X25Z16	22'-3 1/2"
G-9	8X25Z16	21'-1 1/2"
CB-4	5/8" DIA. ROD	30'-4"
CB-5	5/8" DIA. ROD	31'-6"



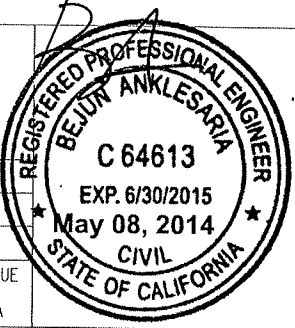
GENERAL NOTES:

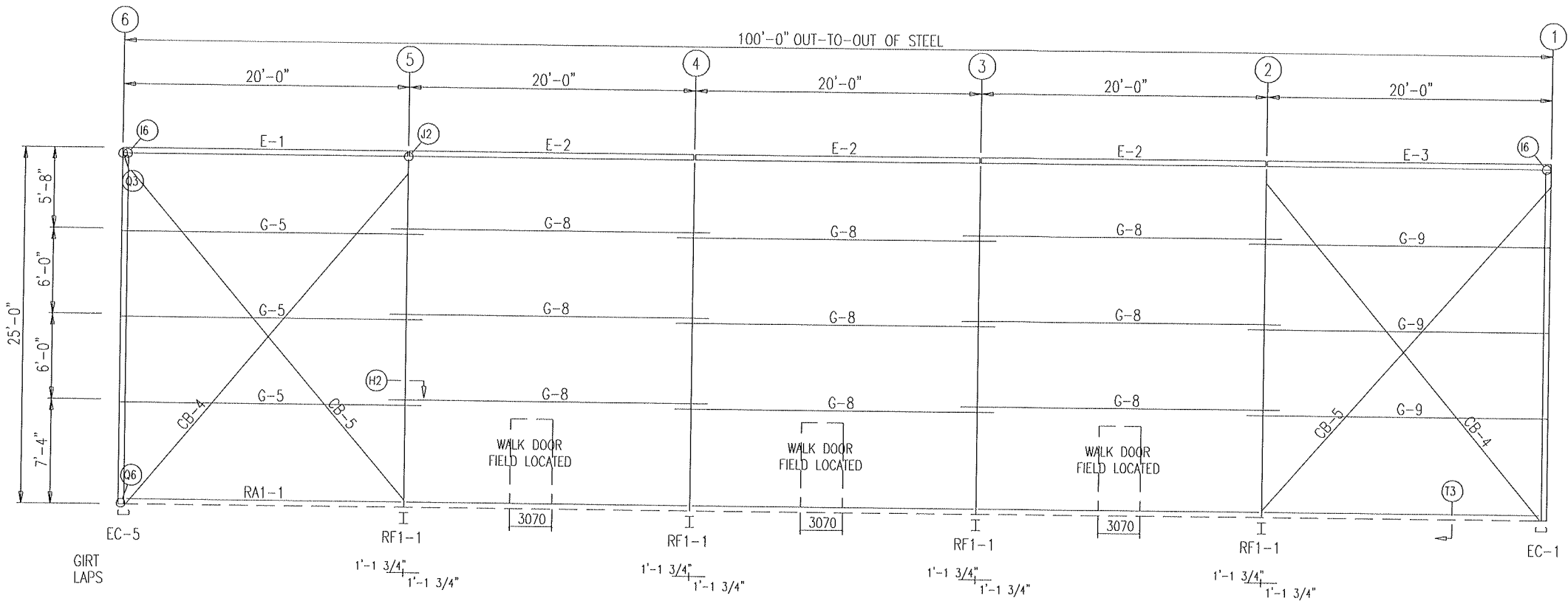
1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
3. OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE CONTRACT, DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
4. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
 1405 DENISON STREET
 MARKHAM, ON L3R-5V2

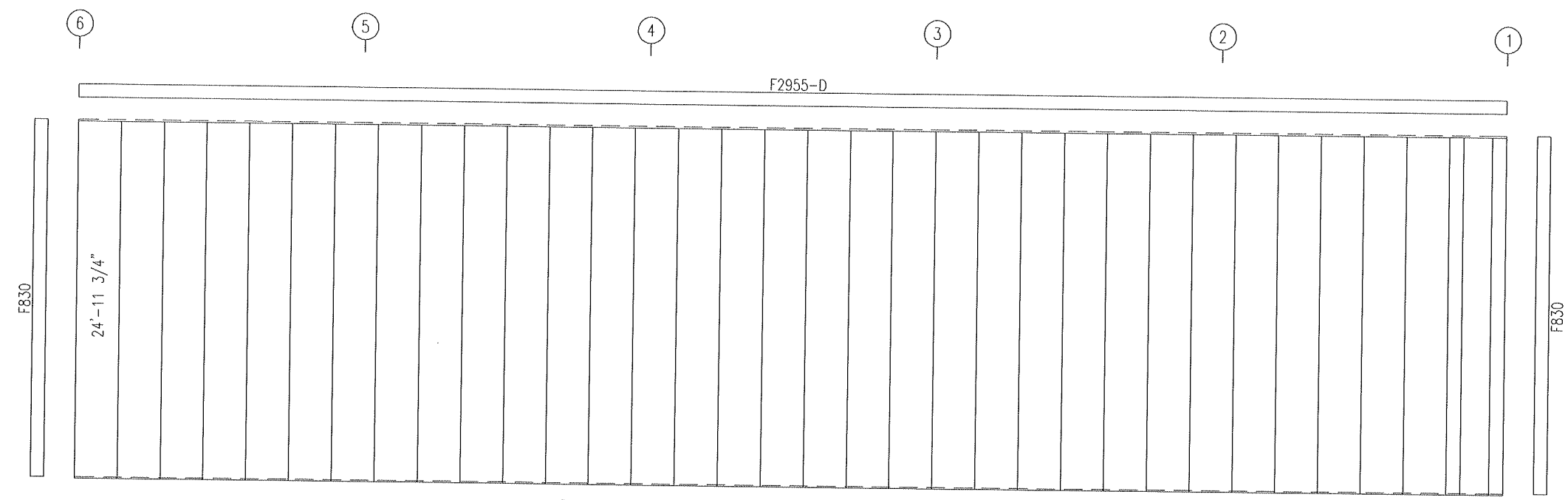
PROJECT:	GANESH VENAKATARAMAN T14-0087	
CUSTOMER:	GANESH VENAKATARAMAN	OWNER: GANESH VENAKATARAMAN
LOCATION:	SAN MARTIN, CA 95046	
CAD	DATE	SCALE
	5/ 5/14	N.T.S.
PHASE	BUILDING ID	JOB NUMBER
1	A	14-B-47022
SHEET NUMBER	ISSUE	
E2	A	





MEMBER TABLE		
FRAME LINE C		
MARK	PART	LENGTH
E-1	8ES3L14	19'-11 1/2"
E-2	8ES3L14	19'-11 1/2"
E-3	8ES3L14	19'-11 1/2"
G-5	8X25Z16	21'-1 1/2"
G-8	8X25Z16	22'-3 1/2"
G-9	8X25Z16	21'-1 1/2"
CB-4	5/8" DIA. ROD	30'-4"
CB-5	5/8" DIA. ROD	31'-6"

SIDEWALL FRAMING: FRAME LINE C



SIDEWALL SHEETING & TRIM: FRAME LINE C

PANELS: 26 Ga. PR - Light Stone

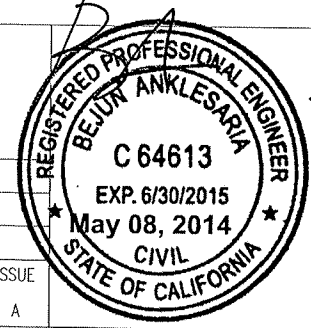
- GENERAL NOTES:**
1. INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
 2. WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
 3. OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE CONTRACT, DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
 4. AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
 1405 DENISON STREET
 MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
 CUSTOMER: GANESH VENAKATARAMAN
 OWNER: GANESH VENAKATARAMAN
 LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	E3	A



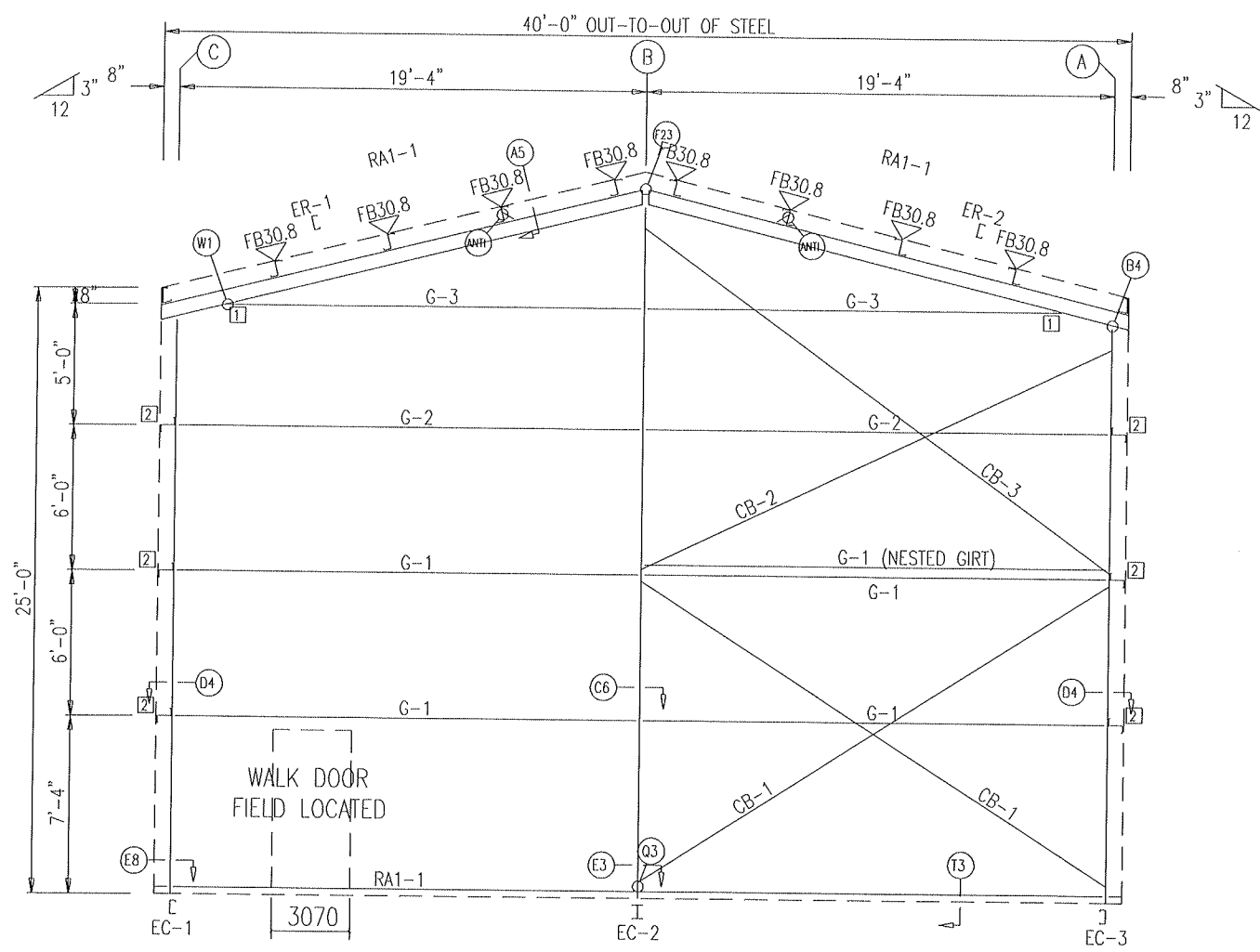
BOLT TABLE					
FRAME LINE 1					
LOCATION	WASH	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	8	A325	5/8"	2"
Columns/Raf	4	4	A325	5/8"	1 3/4"

USE (1) HARDENED WASHER PER EACH 5/8"Ø BOLTS A325 AND UP. TYP. UNLESS NOTED

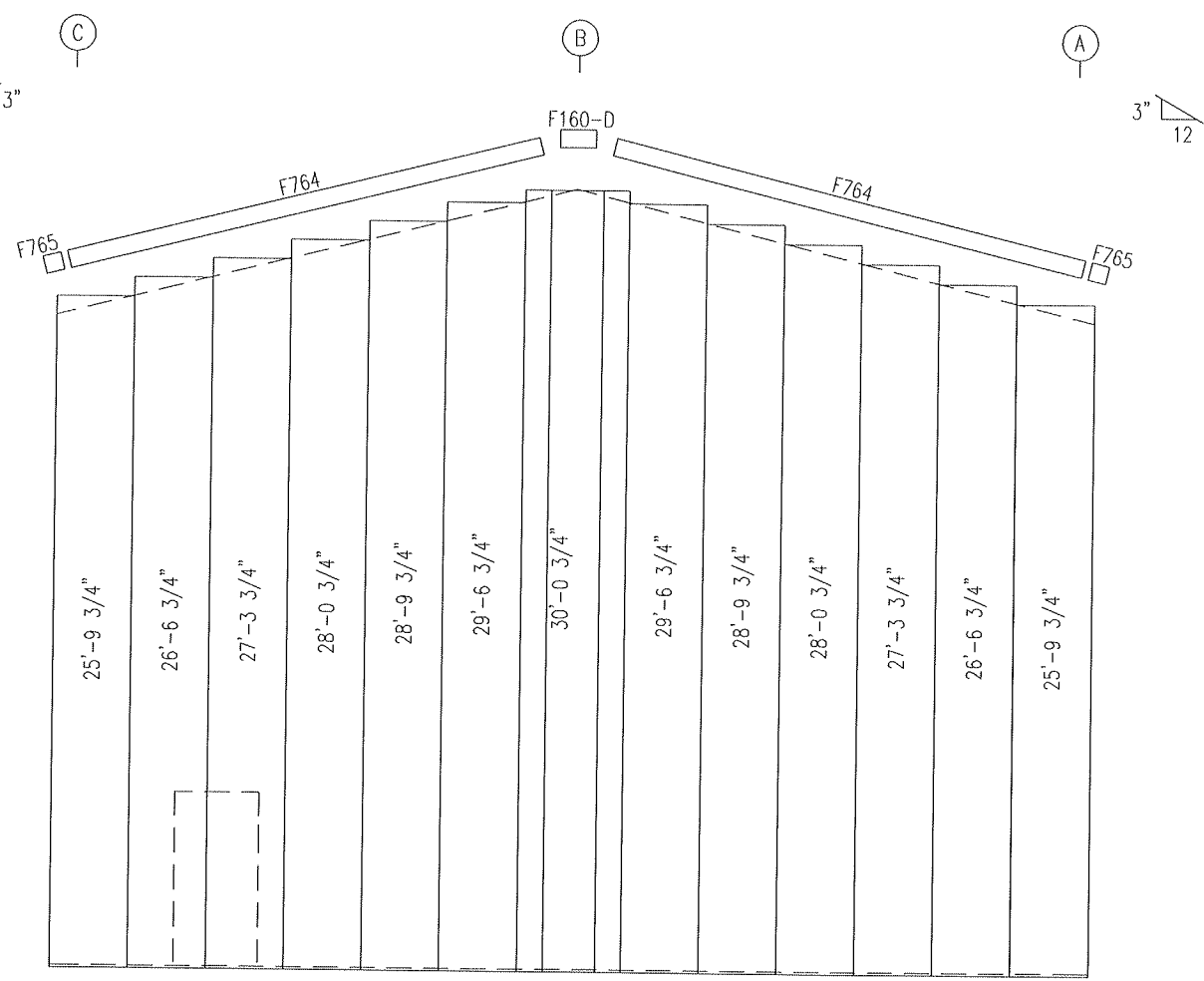
MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	12F25C14	23'-4 1/8"
EC-2	W12X14	27'-11 5/8"
EC-3	12F25C14	23'-4 1/8"
ER-1	12F25C12	20'-7 1/8"
ER-2	12F25C12	20'-7 1/8"
G-1	8X25Z13	18'-8"
G-2	8X25Z14	18'-8"
G-3	8X25Z14	15'-4 1/2"
CB-1	1/2" DIA. ROD	23'-6"
CB-2	1/2" DIA. ROD	21'-10"
CB-3	1/2" DIA. ROD	24'-2"

FLANGE BRACE TABLE		
FRAME LINE 1		
▽ ID	MARK	LENGTH
1	FB30.8	2'-6 3/4"

CONNECTION PLATES		
FRAME LINE 1		
□ ID	MARK/PART	
1	SC512	
2	SC-5	



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 Ga. PR - Light Stone

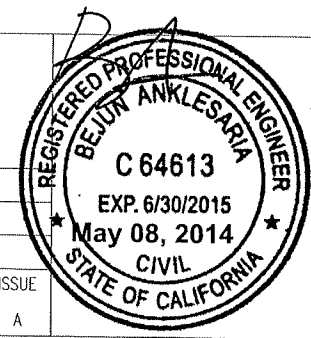
- GENERAL NOTES:
- INSTALL ALL GIRTS AND FLANGE BRACES (FB) AS SHOWN.
 - WALL PANEL PROVIDES STRUCTURAL STABILITY TO THE BUILDING.
 - OTHER THAN FOR WALK DOORS AND WINDOWS SHOWN ON THE CONTRACT, DO NOT ADD ADDITIONAL WALL OPENINGS WITHOUT APPROVAL OF BUILDING MANUFACTURER OR PROFESSIONAL ENGINEER.
 - AFTER INSTALLATION, WIPE ALL PANELS CLEAN OF METAL SHAVINGS CAUSED BY DRILLING.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	E4	A



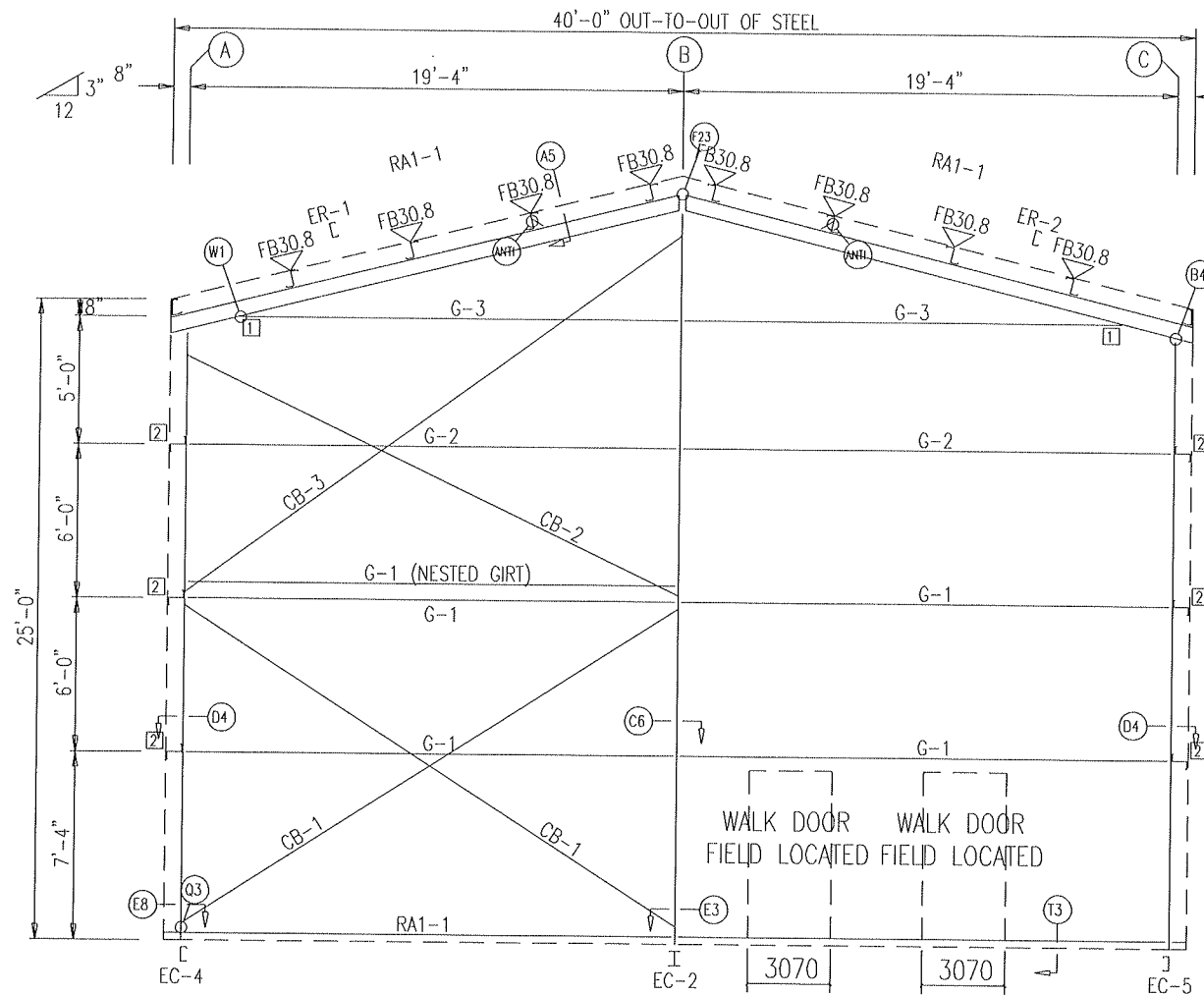
BOLT TABLE FRAME LINE 6						
LOCATION	WASH	QUAN	TYPE	DIA	LENGTH	
ER-1/ER-2		8	A325	5/8"	2"	
Columns/Raf		4	A325	5/8"	1 3/4"	

USE (1) HARDENED
WASHER PER EACH
5/8"Ø BOLTS A325 AND UP.
TYP. UNLESS NOTED

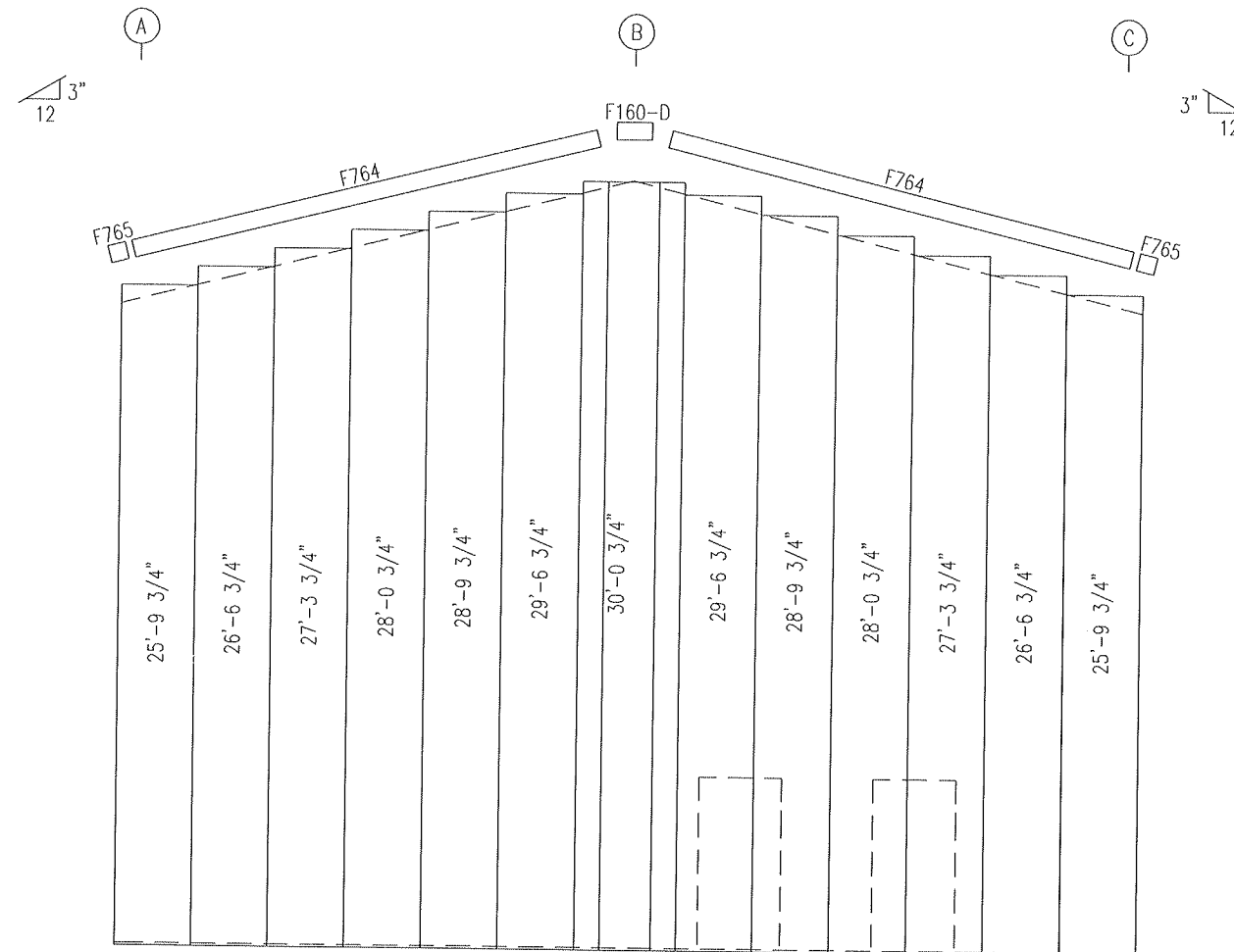
MEMBER TABLE FRAME LINE 6		
MARK	PART	LENGTH
EC-2	W12X14	27'-11 5/8"
EC-4	12F25C14	23'-4 1/8"
EC-5	12F25C14	23'-4 1/8"
ER-1	12F25C12	20'-7 1/8"
ER-2	12F25C12	20'-7 1/8"
G-1	8X25Z13	18'-8"
G-2	8X25Z14	18'-8"
G-3	8X25Z14	15'-4 1/2"
CB-1	1/2" DIA. ROD	23'-6"
CB-2	1/2" DIA. ROD	21'-10"
CB-3	1/2" DIA. ROD	24'-2"

FLANGE BRACE TABLE FRAME LINE 6		
∇ ID	MARK	LENGTH
1	FB30.8	2'-6 3/4"

CONNECTION PLATES FRAME LINE 6		
□ ID	MARK/PART	
1	SC512	
2	SC-5	



ENDWALL FRAMING: FRAME LINE 6



ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. PR - Light Stone

- GENERAL NOTES:
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ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
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TORO STEEL BUILDINGS INC

1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	E5	A

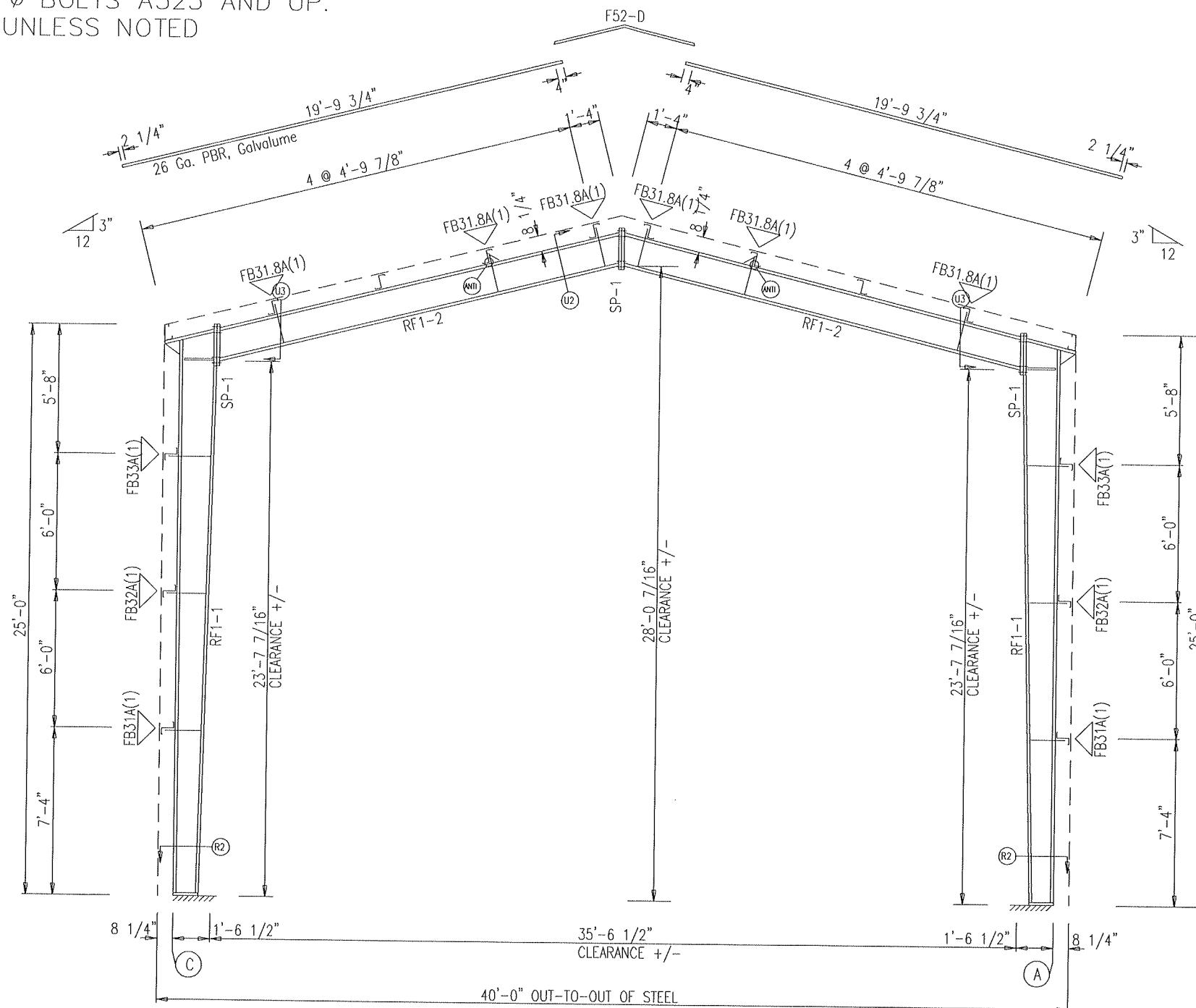


SPLICE BOLT TABLE							
Mark	Qty Wash	Qty Top	Qty Bot	Int	Type	Dia	Length
SP-1	8	4	4	0	A325	3/4"	2 1/4"

▽ FLANGE BRACES: BOTH SIDES (UNLESS NOTED)
 FBxxA(1): xx=length(in)
 A - L2X2X14G

USE (1) HARDENED WASHER PER EACH 5/8" Ø BOLTS A325 AND UP. TYP. UNLESS NOTED

MEMBER TABLE								
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start	End	Thick	Length	W x Thk	x Length	W x Thk	x Length
RF1-1	10.0	16.9	0.134	240.0	5 x 1/4"	x 240.0	5 x 1/4"	x 240.0
	16.9	18.0	0.134	39.4	5 x 1/4"	x 52.9	5 x 1/4"	x 39.5
	18.0	18.0	0.156	18.1	5 x 1/4"	x 27.3	5 x 1/4"	x 27.3
RF1-2	14.0	14.0	0.134	222.0	5 x 1/4"	x 218.5	5 x 1/4"	x 218.5



RIGID FRAME ELEVATION: FRAME LINE 2 3 4 5

GENERAL NOTES:

- ALL BOLTED JOINTS WITH A325M-09 TYPE 1 BOLTS GREATER THAN 1/2" DIAMETER ARE SPECIFIED AS PRETENSIONED JOINTS IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, JUNE 30, 2004". PRETENSIONING CAN BE ACCOMPLISHED BY USING THE TURN-OF-NUT METHOD OF TIGHTENING, CALIBRATED WRENCH, TWIST OFF TYPE TENSION CONTROL BOLTS OR DIRECT TENSION INDICATOR AS ACCEPTABLE TO THE INSPECTING AGENCY AND BUILDING OFFICIAL. INSTALLATION INSPECTION REQUIREMENTS FOR PRE-TENSIONED JOINTS (SPECIFICATION FOR STRUCTURAL JOINTS SECTION 9.2) USING TURN-OF-NUT METHOD IS SUGGESTED. THE CONNECTIONS ON THIS PROJECT ARE NOT SLIP CRITICAL.
- ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A325 BOLTS.
- INSTALL ALL FLANGE BRACES ON COLUMN AND RAFTER AS SHOWN

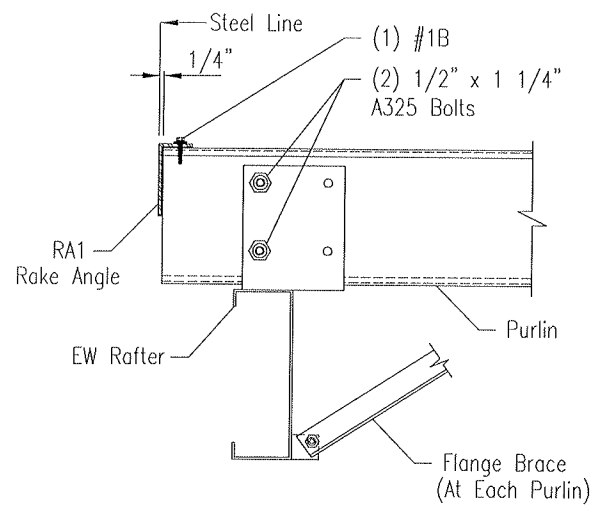
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
 1405 DENISON STREET
 MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
 CUSTOMER: GANESH VENAKATARAMAN
 OWNER: GANESH VENAKATARAMAN
 LOCATION: SAN MARTIN, CA 95046

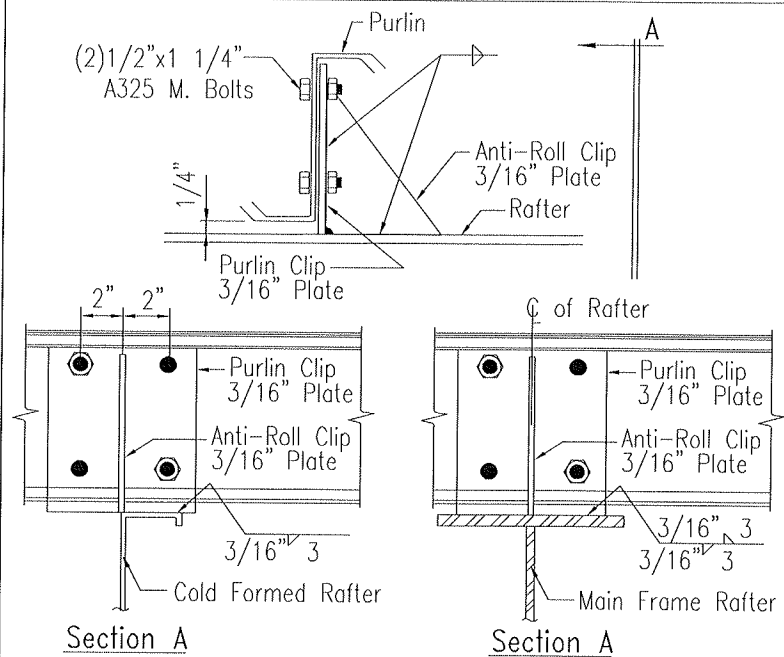
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	5/ 5/14	N.T.S.	1	A	14-B-47022	E6	A



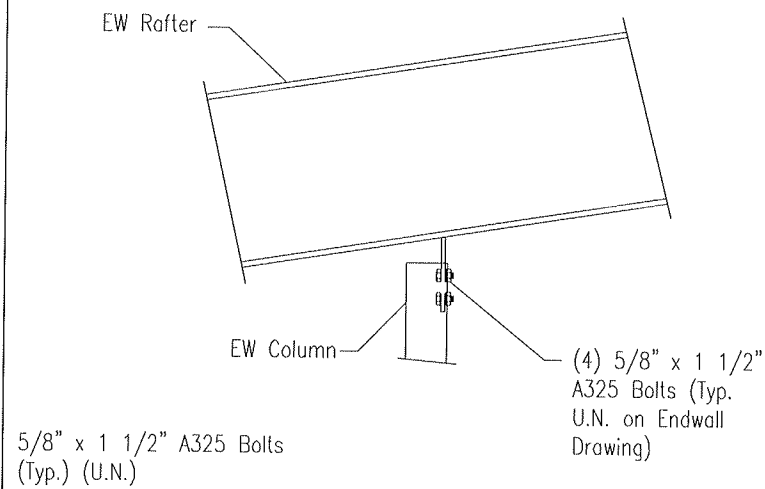


1/2" x 1 1/4" A325 Bolts (Typ.) (U.N.)

A5 SECTION THRU COLD FORMED RAFTER

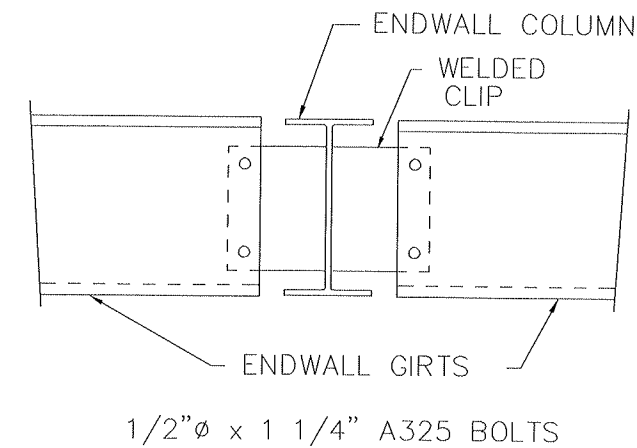


ANTI PURLIN ANTI-ROLL CLIP

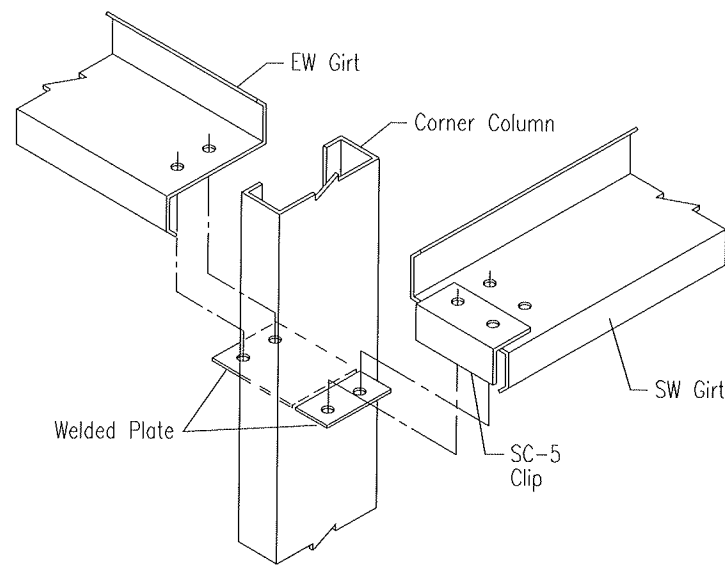


5/8" x 1 1/2" A325 Bolts (Typ.) (U.N.)

B4 ENDWALL COLUMN TO RAFTER

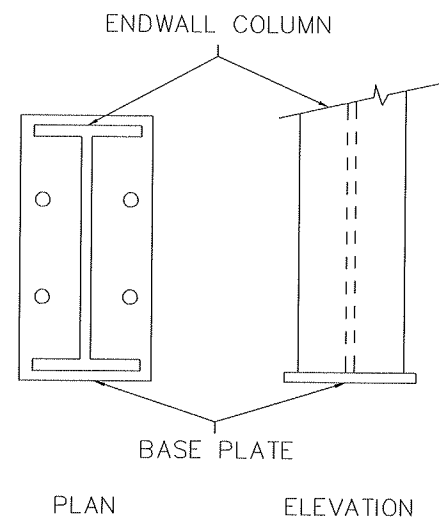


C6 ENDWALL COLUMN TO WALL GIRT

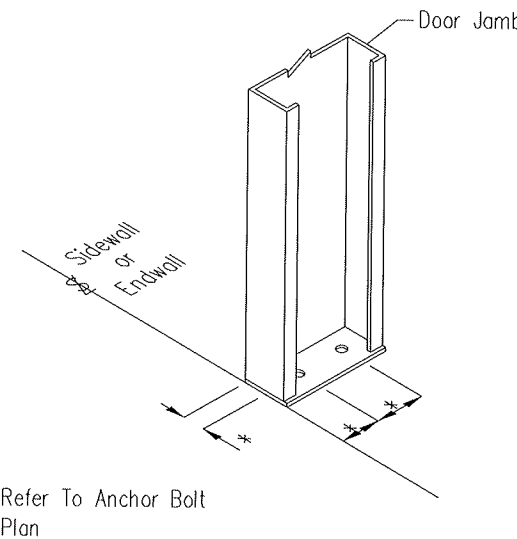


1/2" x 1 1/4" A325 Bolts (Typ.) (U.N.)

D4 CORNER COLUMN TO WALL GIRT

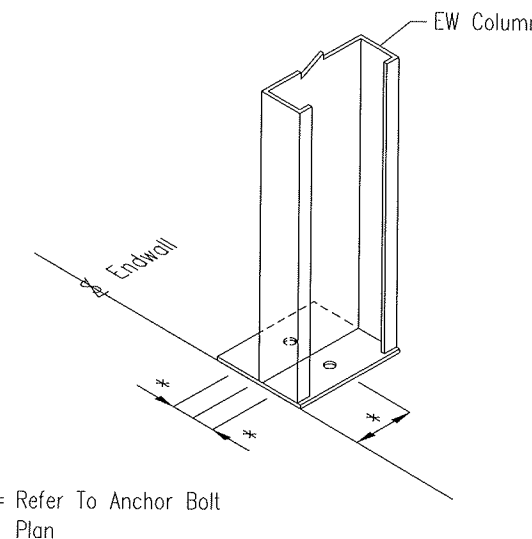


E3 BASE PLATE FOR ENDWALL COLUMN



(*) = Refer To Anchor Bolt Plan

E5 BASE PLATE FOR DOOR JAMB



(*) = Refer To Anchor Bolt Plan

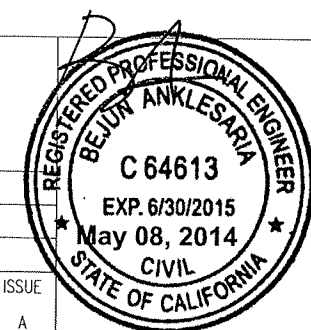
E8 BASE PLATE FOR ENDWALL COLUMN

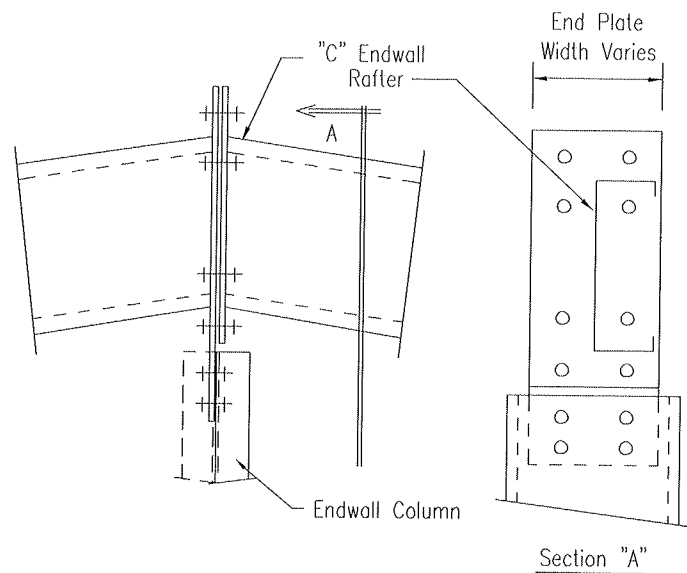
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

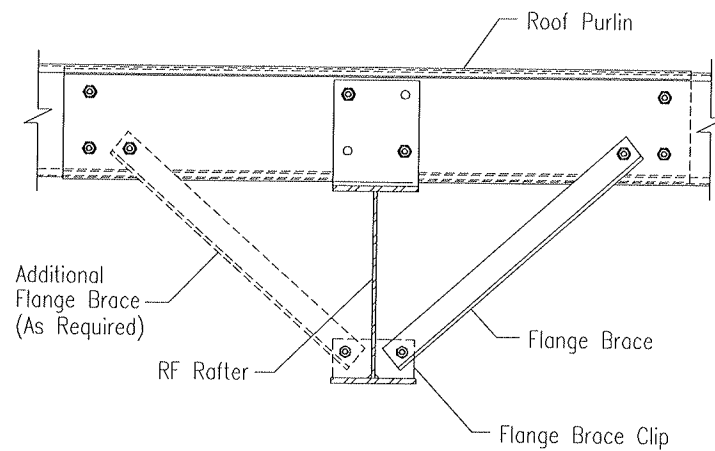
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET1	A





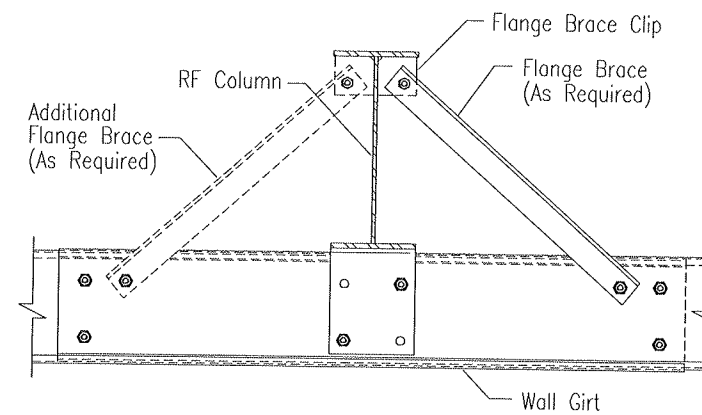
See Endwall Drawing
For Bolt Dia. And Type.

F23 RAFTER SPLICE AT SURFACE CHANGE



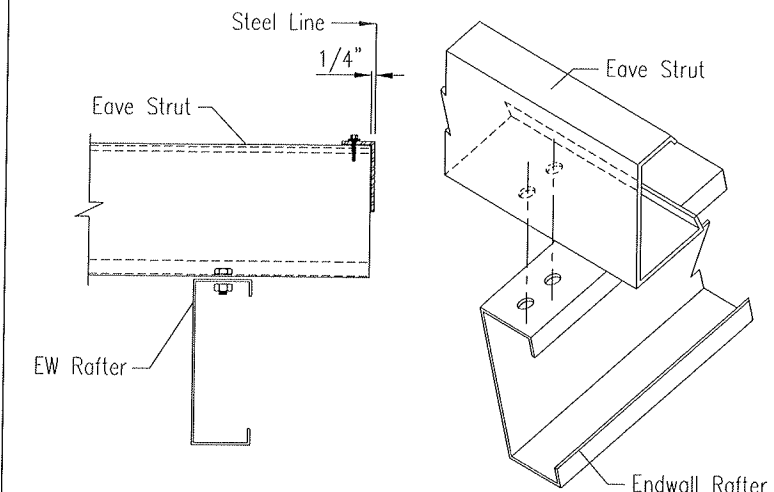
1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



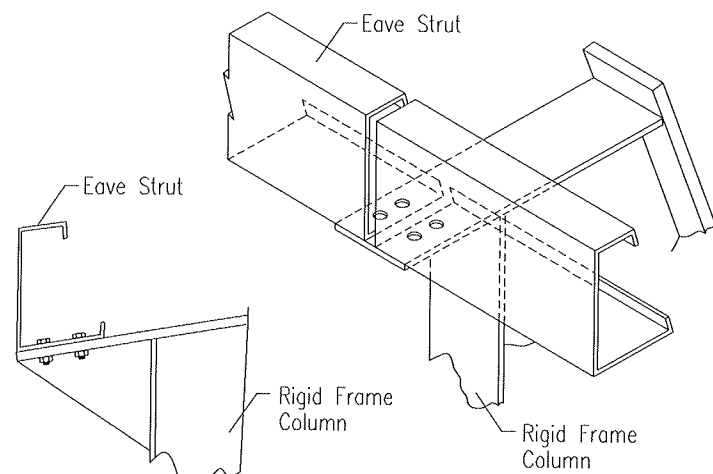
1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

H2 WALL GIRT TO RIGID FRAME COLUMN



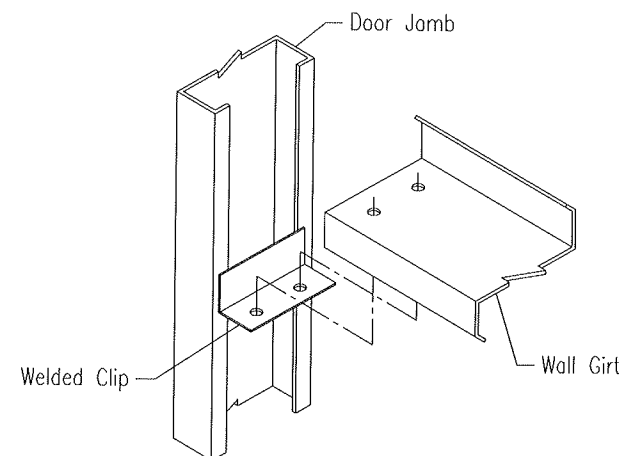
1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

16 LOW SIDE EAVE STRUT TO COLD FORMED RAFTER



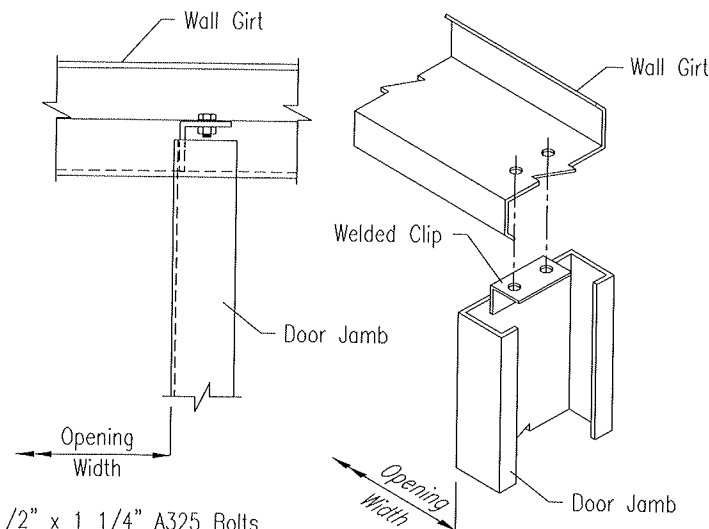
1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

J2 EAVE STRUT TO RIGID FRAME



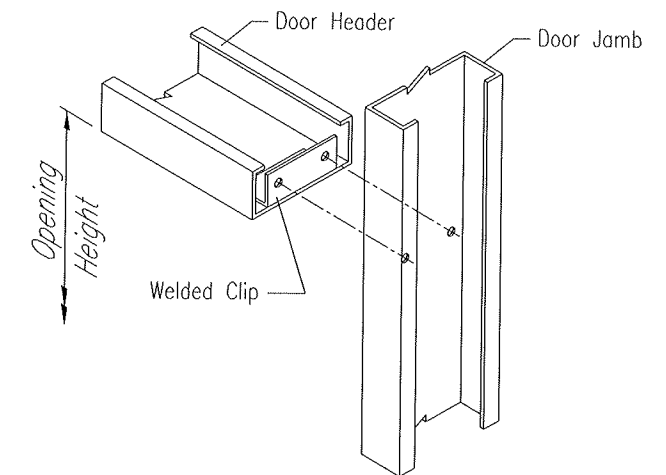
1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

K3 WALL GIRT TO DOOR JAMB



1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

L8 DOOR JAMB TO WALL GIRT



1/2" x 1 1/4" A325 Bolts
(Typ.) (U.N.)

M3 DOOR HEADER TO DOOR JAMB

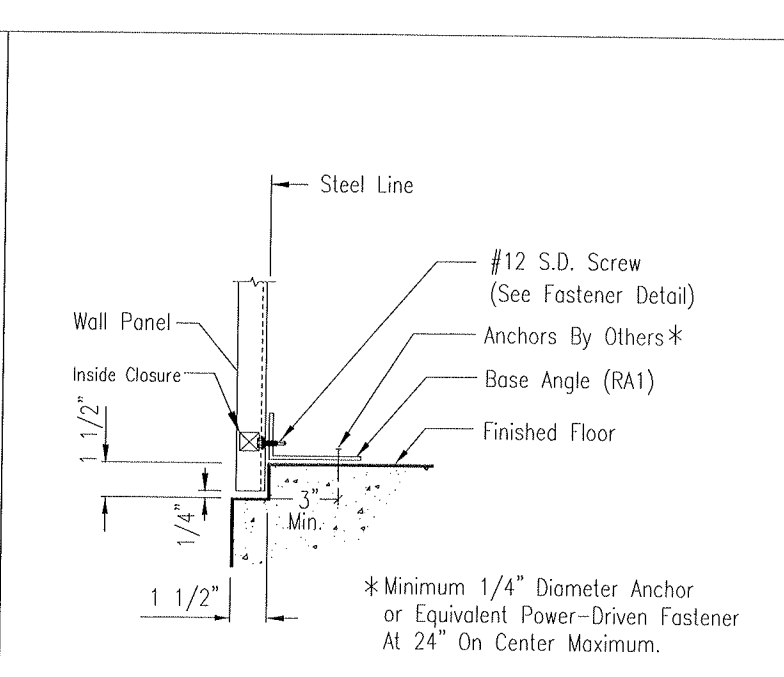
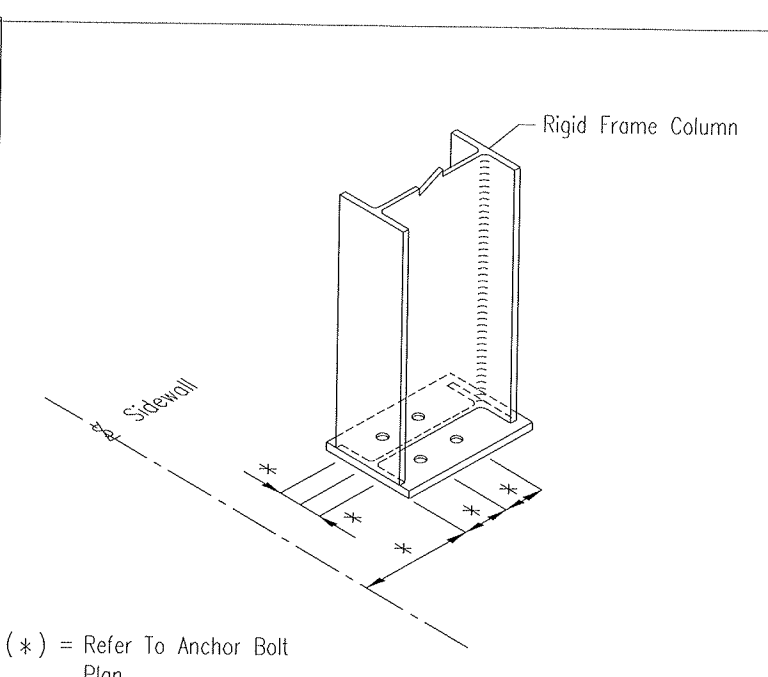
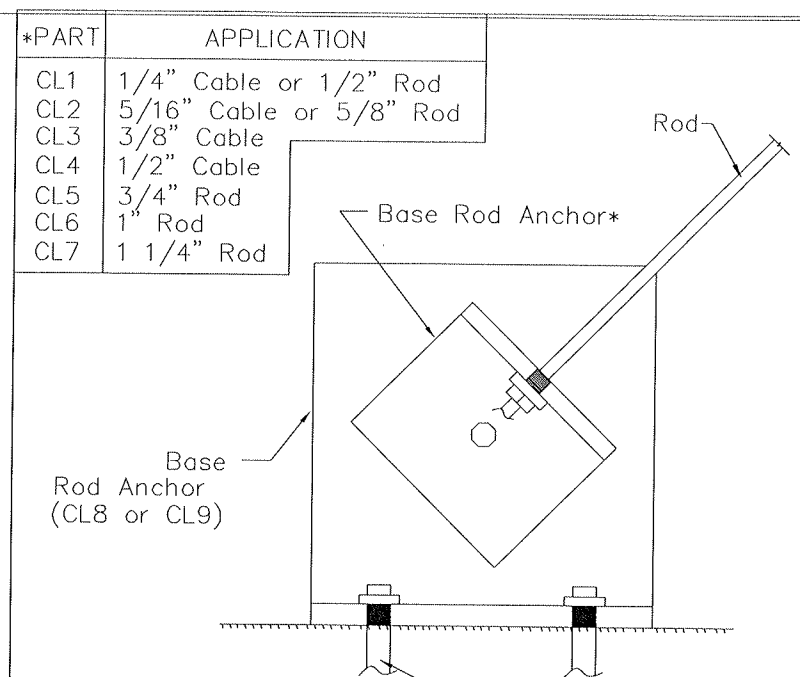
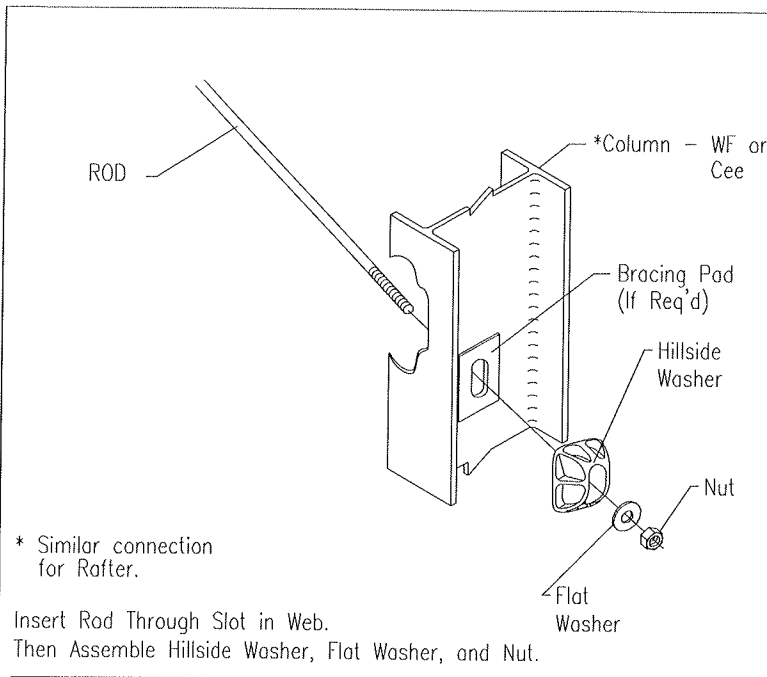
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET2	A



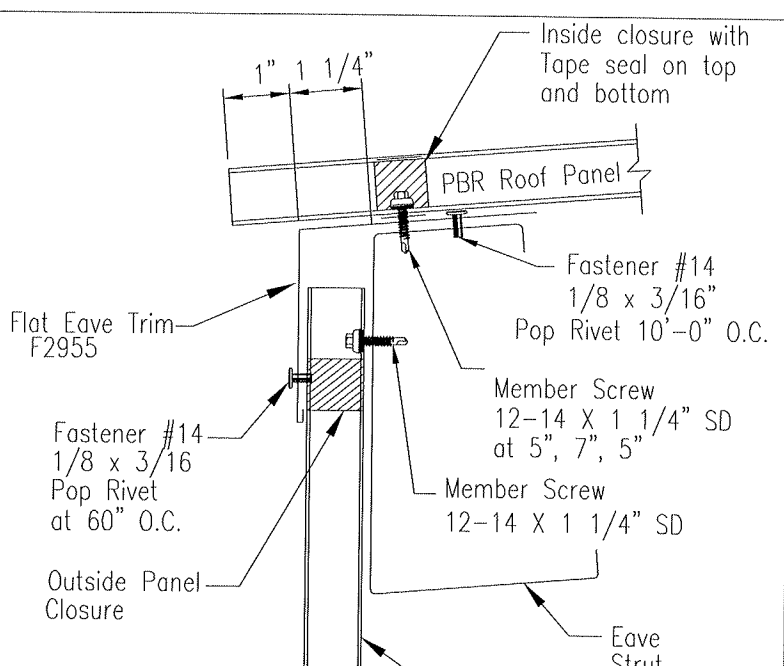
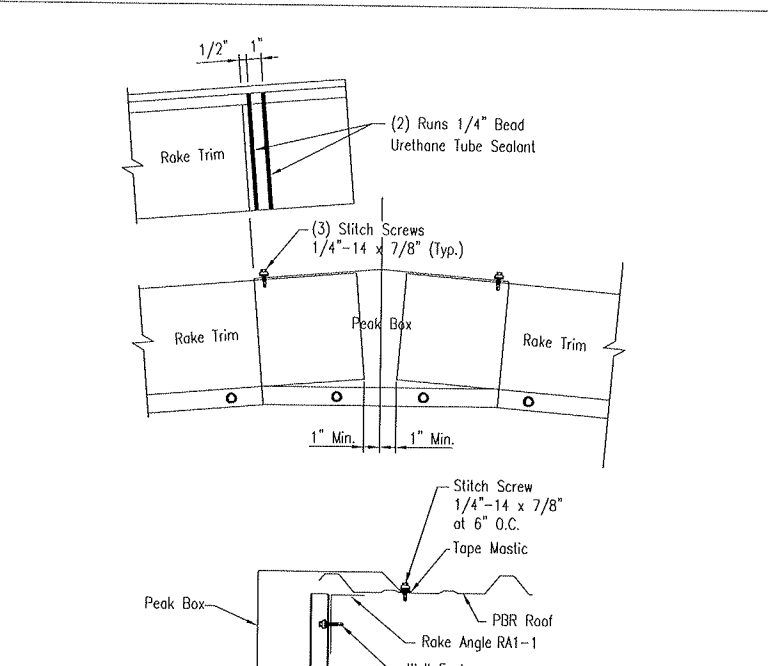
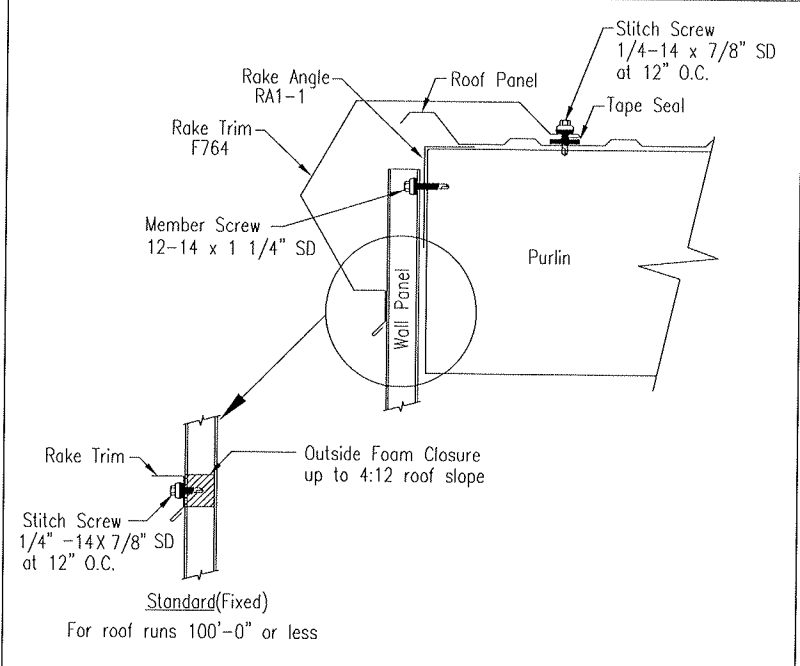
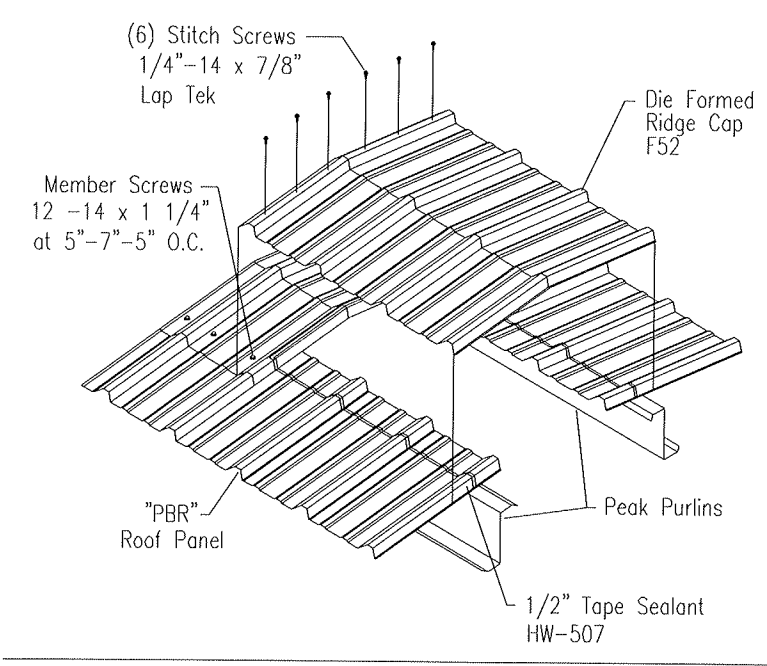


Q3 DIAGONAL ROD

Q6 DIAGONAL BRACE CLIP TO FLOOR DETAIL

R2 ANCHOR BOLTS AT SIDEWALL COLUMNS

T3 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION



"PBR" ROOF FIXED RIDGE DETAIL
Trim_80

Standard Rake Trim Section
Midwest - PBR Roof - Sheeted Wall
TRIM_104

Standard Peak Box Detail
PBR Roof
TRIM_106

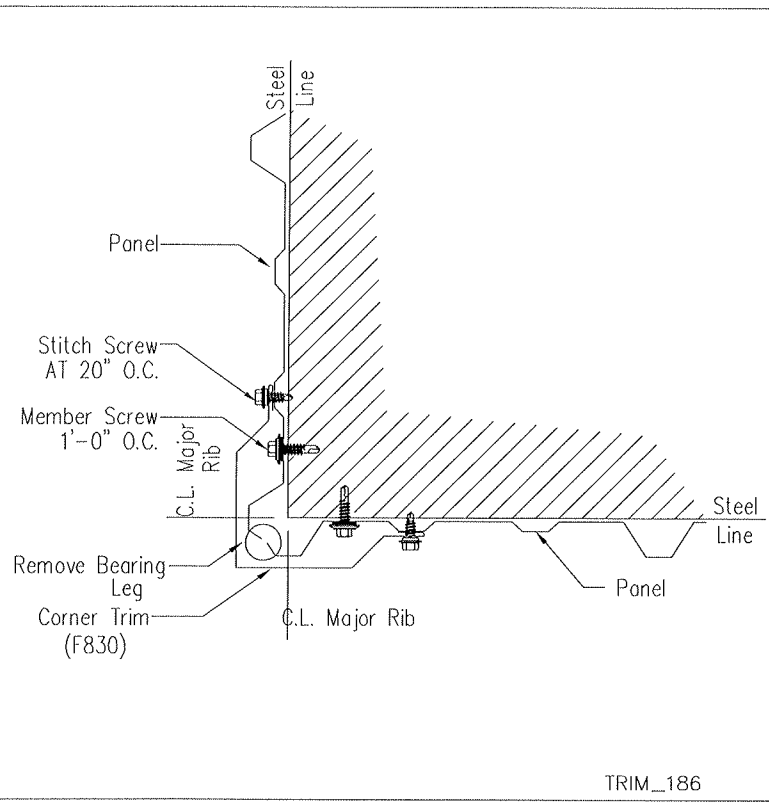
Low Eave Trim
Flat Trim-1 1/4" Wall Panel-PBR Roof
TRIM_120

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

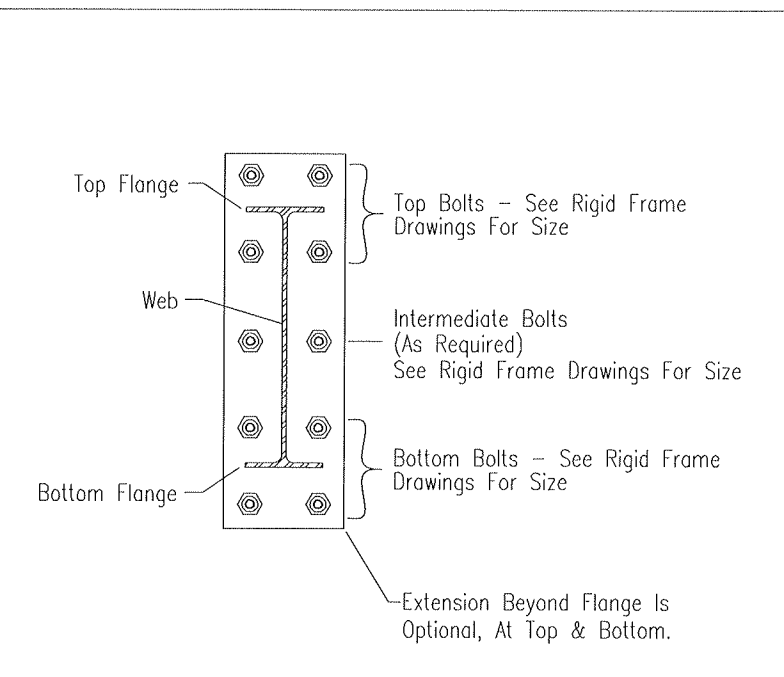
TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

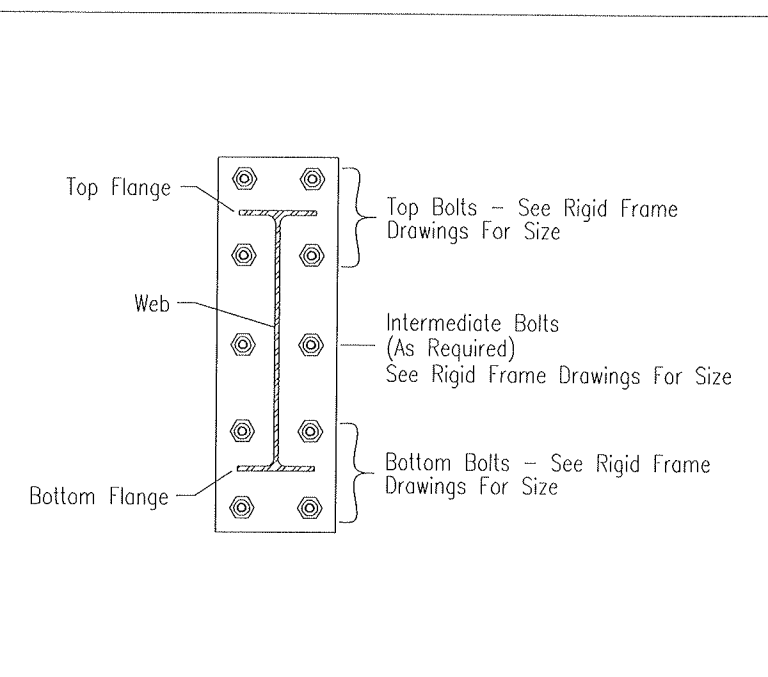
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET3	A



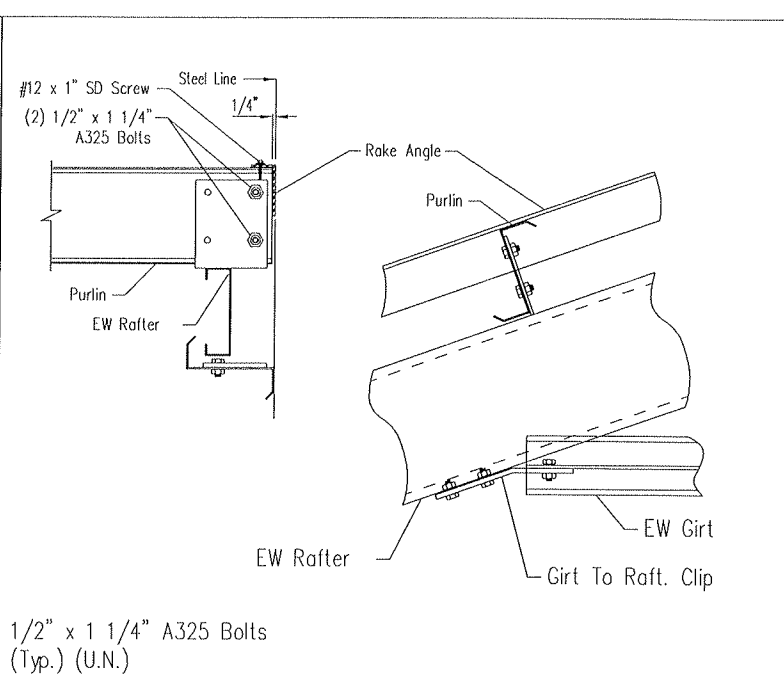
TRIM_186



U2 BOLTS FOR RIGID FRAME RAFTER AT BUILDING PEAK



U3 BOLTS FOR RIGID FRAME RAFTER TO COLUMN CONNECTION



W1 ENDWALL GIRTS TO ENDWALL RAFTER CONNECTION

Standard Grade

Description	Fastener Number	Application
1/4"-14 x 7/8"	4A	Stitch & Trim Screw
12-14 x 1 1/4"	17A	Member Screw
12-14 x 1 1/2"	17B	Member Screw
12-14 x 2"	28	Member Screw

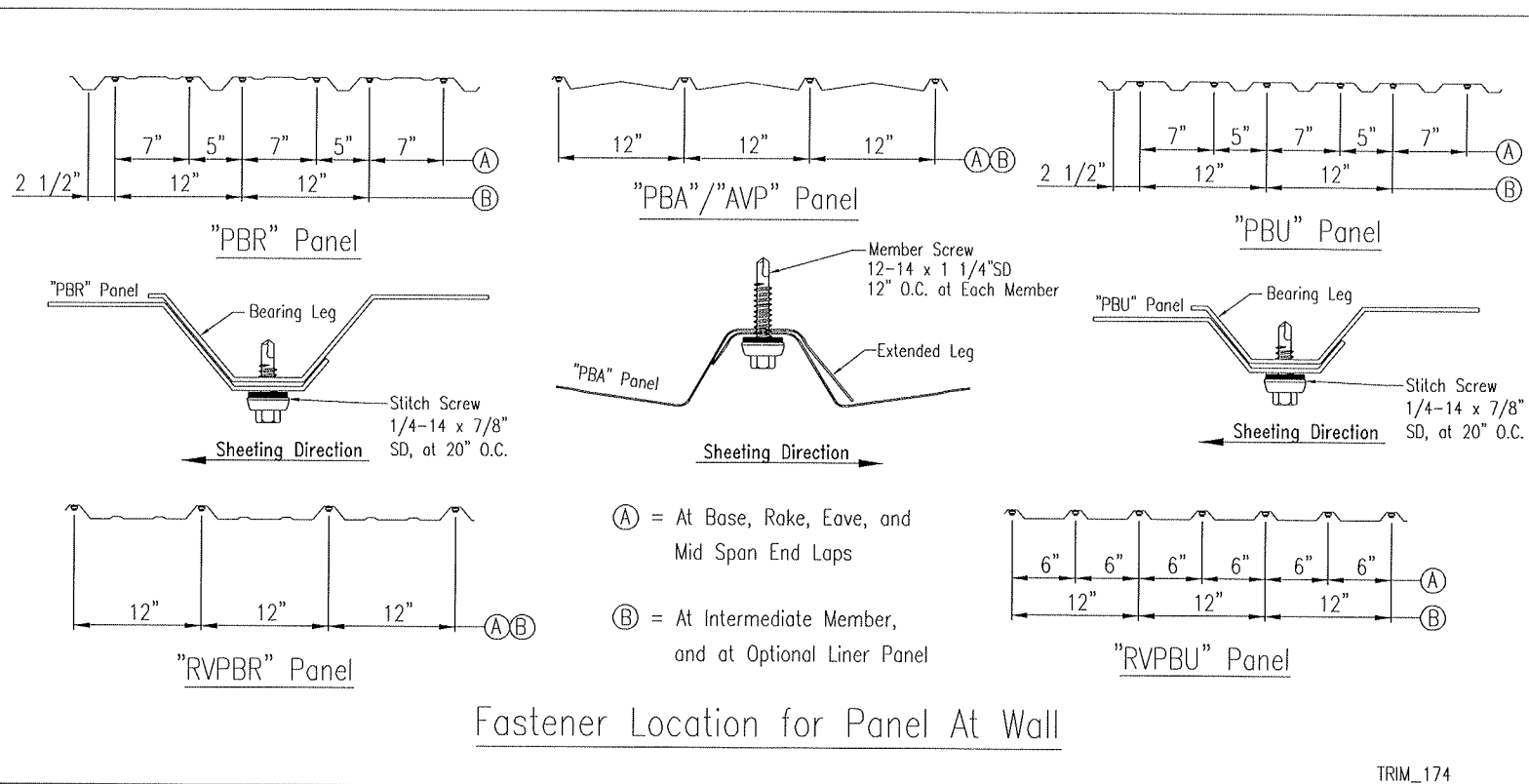
Note: Standard details call for 1 1/4" fasteners as member screws by default. Member screws may be 1 1/4", 1 1/2", or 2" depending on insulation, application, or customer request.

Long Life

Description	Fastener Number	Application
1/4"-14 x 7/8"	4	Stitch & Trim Screw
12-14 x 1 1/4"	3	Member Screw
12-14 x 1 1/2"	3A	Member Screw
12-14 x 2"	58	Member Screw

Self-Drilling Screw Application

SCRW1

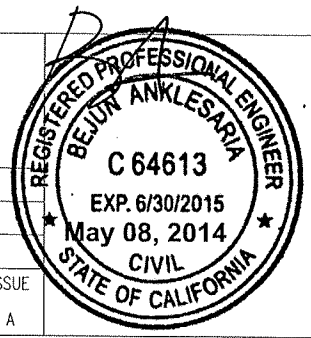


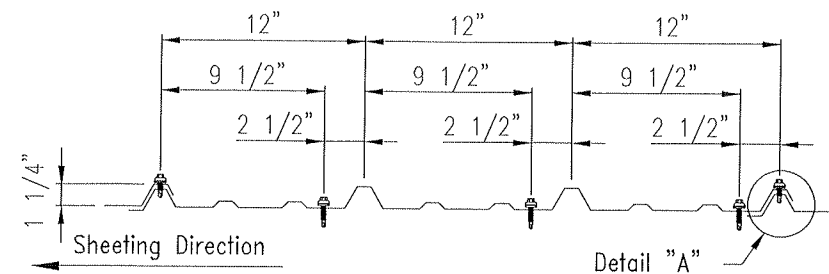
Fastener Location for Panel At Wall

TRIM_174

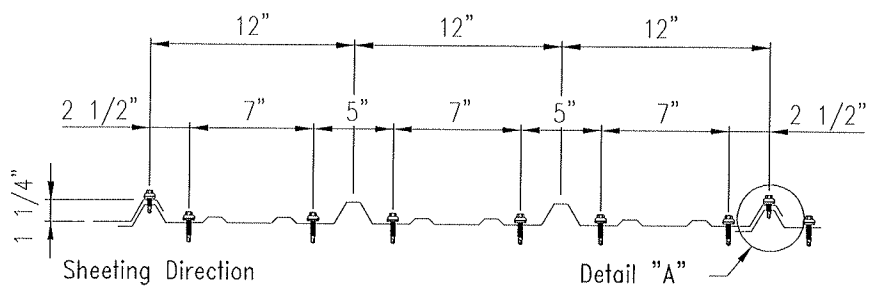
ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC 1405 DENISON STREET MARKHAM, ON L3R-5V2					
PROJECT:		GANESH VENAKATARAMAN T14-0087			
CUSTOMER:		GANESH VENAKATARAMAN		OWNER: GANESH VENAKATARAMAN	
LOCATION:		SAN MARTIN, CA 95046			
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER
	5/ 5/14	N.T.S.	1	A	14-B-47022
				SHEET NUMBER	ISSUE
				DET4	A

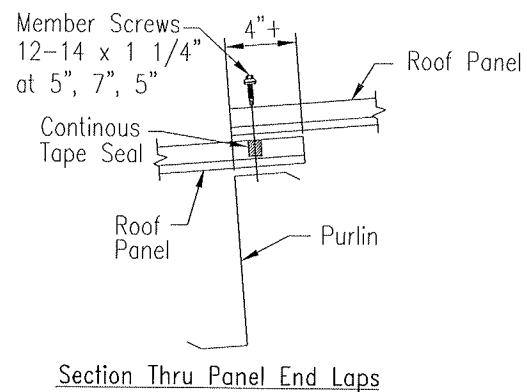
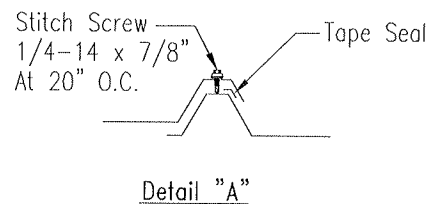




All Roof Members Except As Noted Below



At Eave Strut, Panel End Lap, and Peak Purlin



Fastener Location for "PBR" Roof Panel

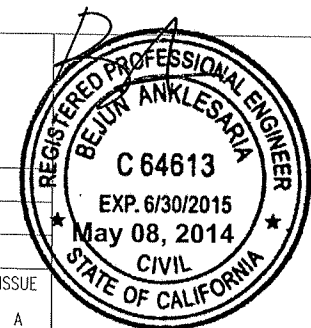
TRIM_175

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN OWNER: GANESH VENAKATARAMAN

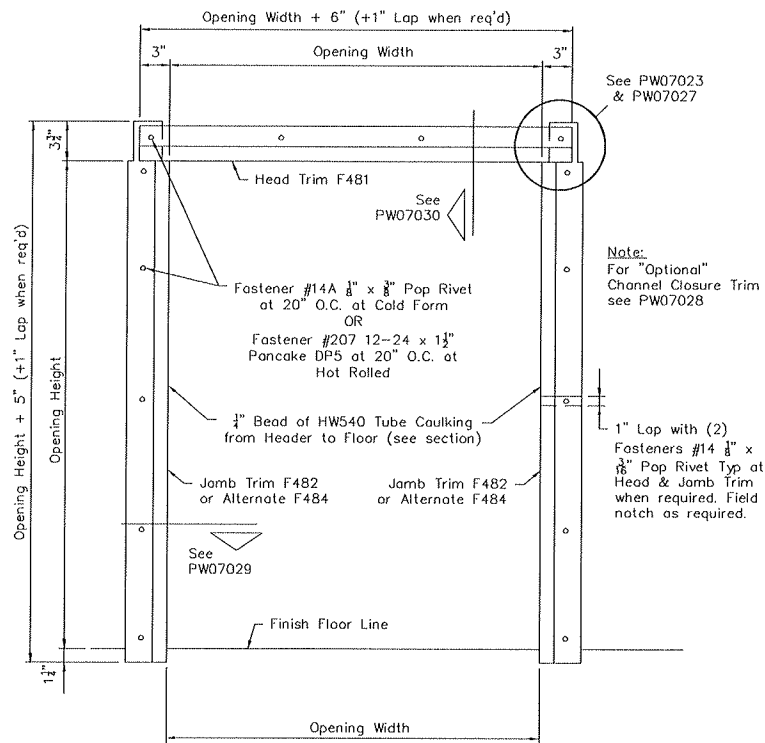
CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET5	A



PBR Wall Panel - Three Sided Framed Opening
Trim Installation with Field Notch Panel at Head Trim

PW07022

Note: Trim Installation can be done by Field Notch Panel as shown on PW07022 & PW07023 OR with Field Notch and Bend Tabs at Head Trim as shown on PW07024 & PW07025.



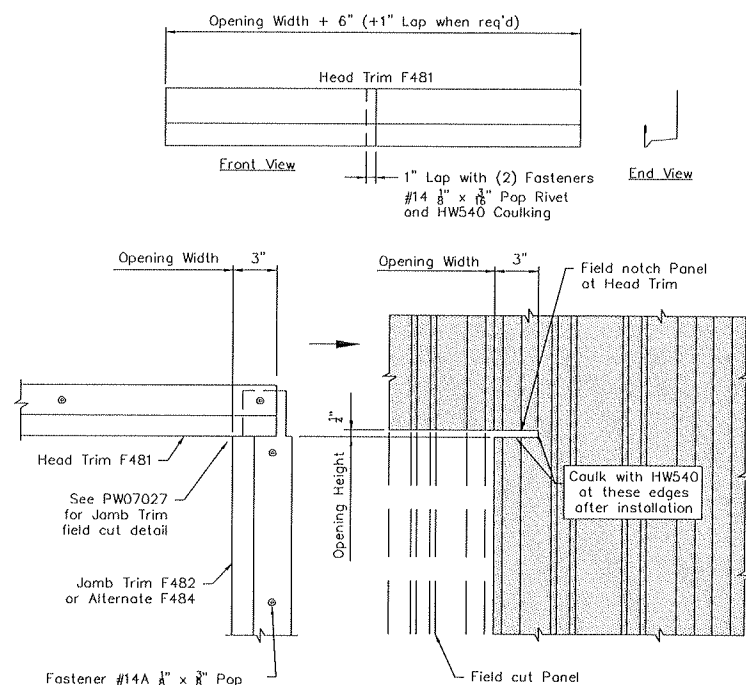
Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Field measure Opening Width and Height before making field cuts and adjust cut dimensions accordingly.

PBR Wall Panel - Three Sided Framed Opening
Field Notch Panel at Head Trim

PW07023

Note: Trim Installation can be done by Field Notch Panel as shown on PW07022 & PW07023 OR with Field Notch and Bend Tabs at Head Trim as shown on PW07024 & PW07025.



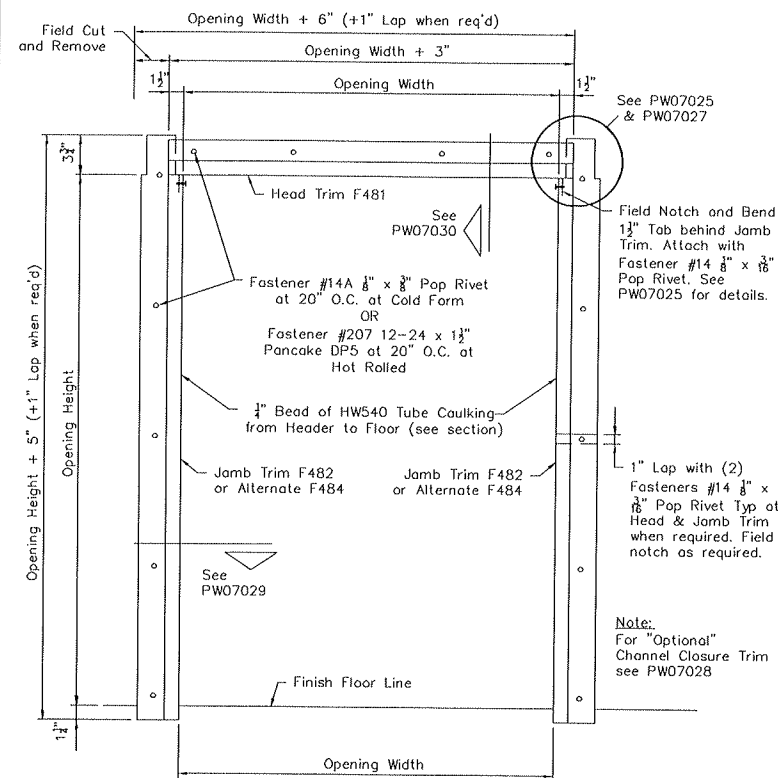
Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Opening on 1'-0 module. Location of Rib may vary depending on the Opening Width and location. Field measure before cutting Panel and Trim.

PBR Wall Panel - Three Sided Framed Opening
Trim Installation with Field Notch and Bend Tabs at Head Trim

PW07024

Note: Trim Installation can be done by Field Notch Panel as shown on PW07022 & PW07023 OR with Field Notch and Bend Tabs at Head Trim as shown on PW07024 & PW07025.



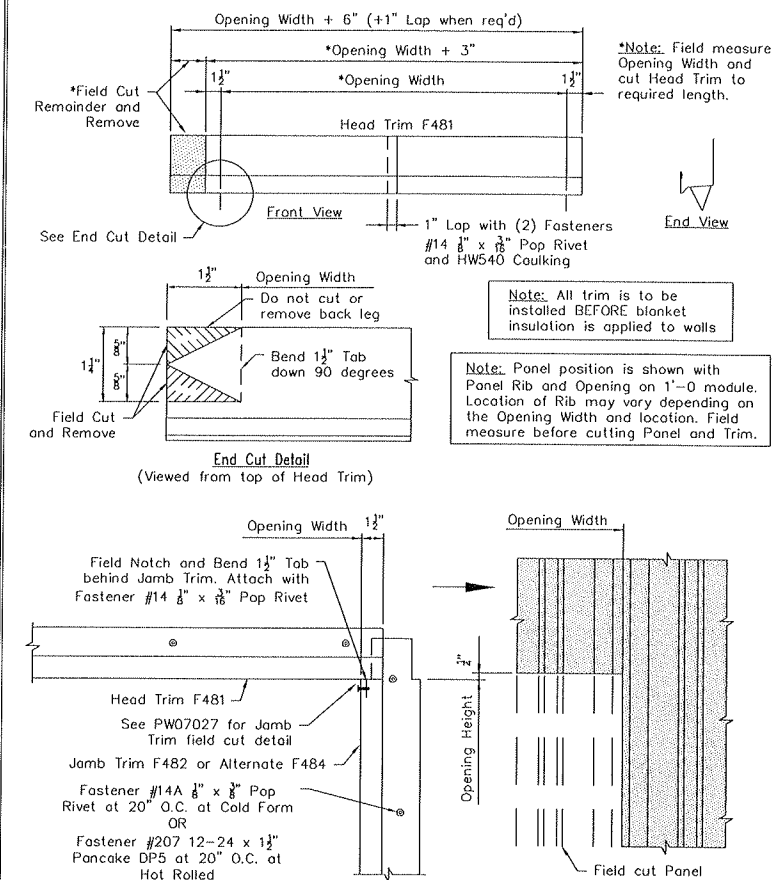
Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Field measure Opening Width and Height before making field cuts and adjust cut dimensions accordingly.

PBR Wall Panel - Three Sided Framed Opening
Field Notch and Bend Tabs at Head Trim

PW07025

Note: Trim Installation can be done by Field Notch Panel as shown on PW07022 & PW07023 OR with Field Notch and Bend Tabs at Head Trim as shown on PW07024 & PW07025.



Note: Field measure Opening Width and cut Head Trim to required length.

Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Opening on 1'-0 module. Location of Rib may vary depending on the Opening Width and location. Field measure before cutting Panel and Trim.

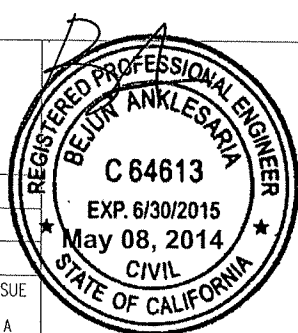
STANDARD FRAMED OPENING DETAILS (PBR WALL PANEL)

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

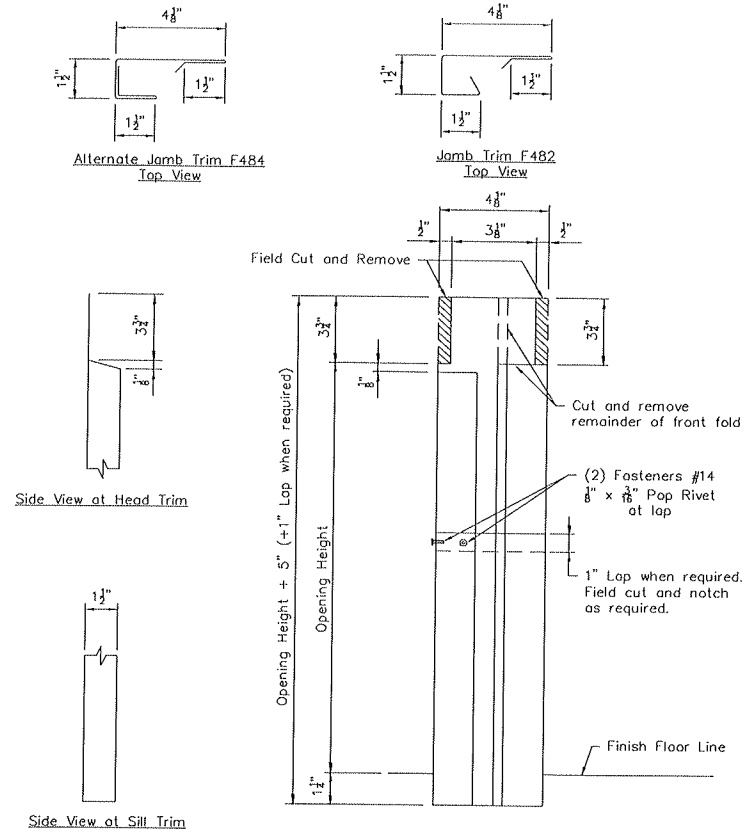
PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET6	A



PBR Wall Panel - Three Sided Framed Opening
Jamb Trim Field Cut Details

PW07027

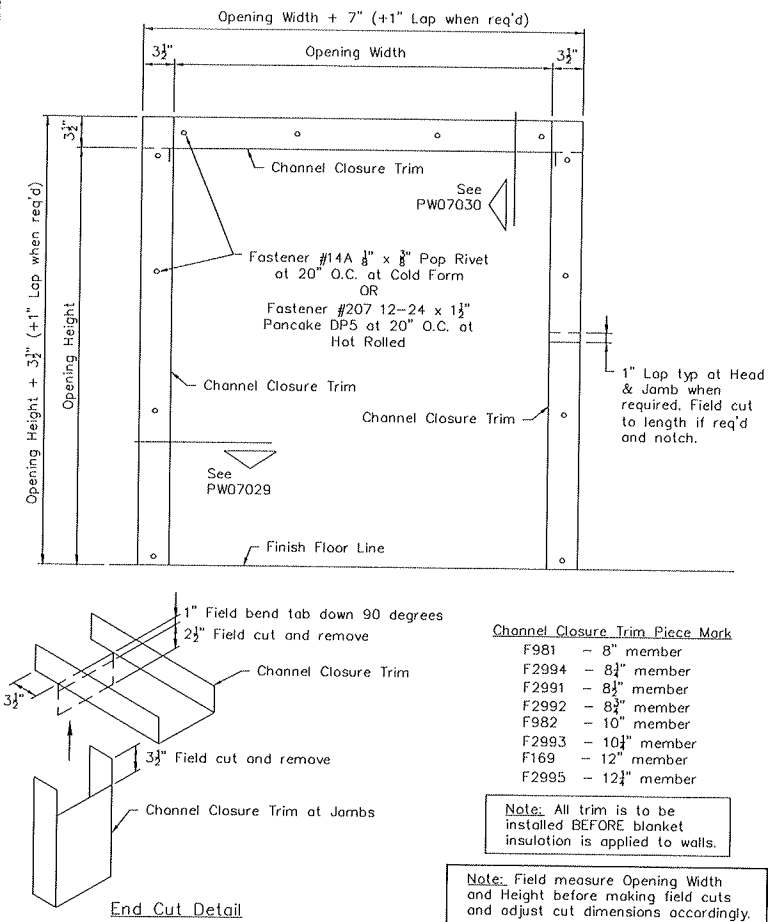


Note: Field measure Opening Height before making field cuts and adjust cut dimensions accordingly.

Jamb Trim F482 and Alternate Jamb Trim F484
Front View
Right Jamb Trim as shown
Left Jamb Trim opposite hand

PBR Wall Panel - Three Sided Framed Opening
"Optional" Channel Closure Trim

PW07028



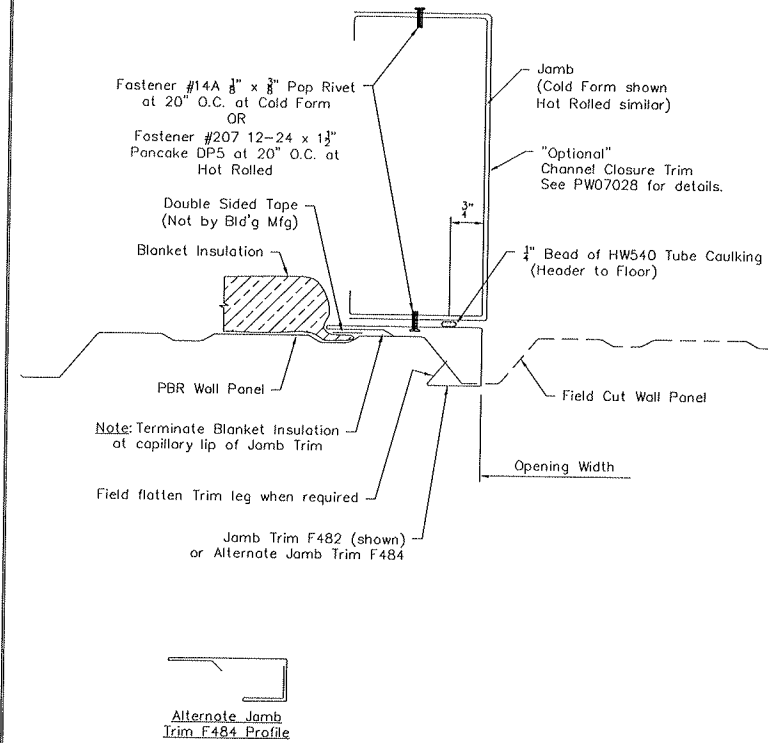
- Channel Closure Trim Piece Mark
- F981 - 8" member
 - F2994 - 8 1/4" member
 - F2991 - 8 3/4" member
 - F2992 - 8 3/4" member
 - F982 - 10" member
 - F2993 - 10 1/4" member
 - F169 - 12" member
 - F2995 - 12 1/4" member

Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Field measure Opening Width and Height before making field cuts and adjust cut dimensions accordingly.

PBR Wall Panel - Three Sided Framed Opening
Jamb Trim Installation

PW07029

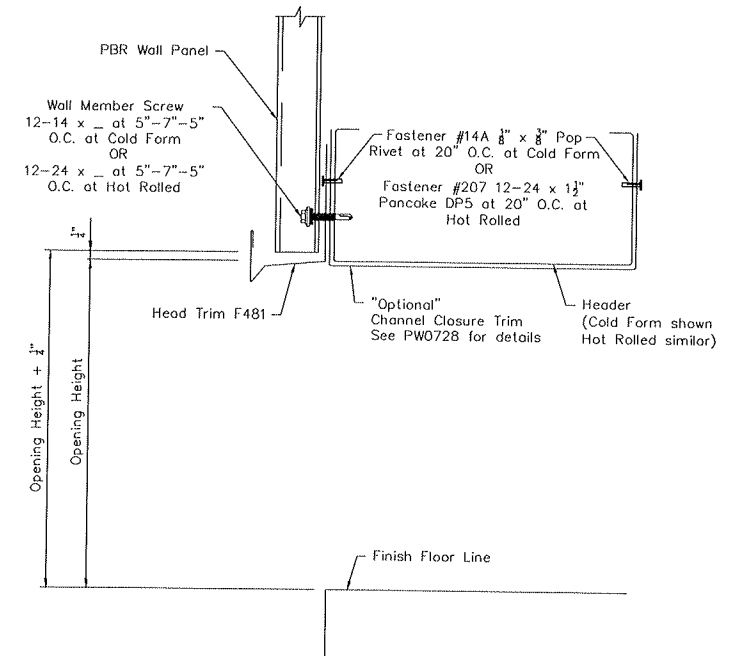


Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Opening on 1'-0" module. Location of Rib may vary depending on the Opening Width and location. Field measure before cutting Panel and Trim.

PBR Wall Panel - Three Sided Framed Opening
Head Trim Installation

PW07030



Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

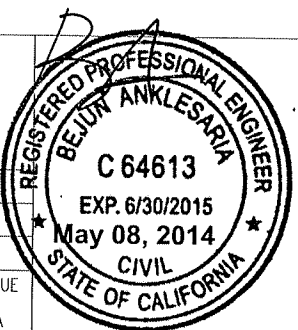
STANDARD FRAMED OPENING DETAILS (PBR WALL PANEL)
CONT.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

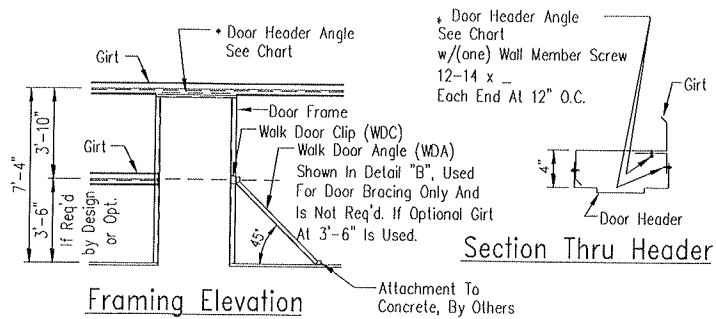
PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET7	A

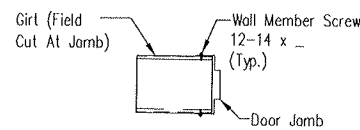


Knock Down Walk Door Sections
8" Girts

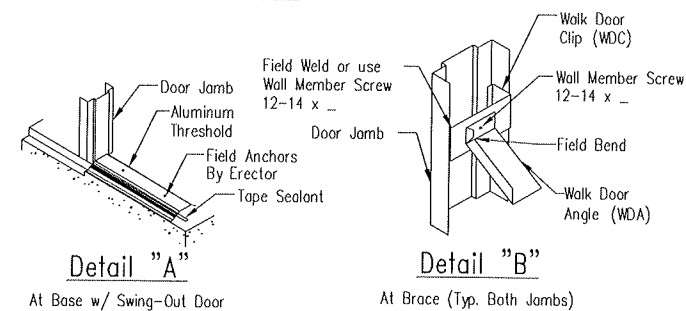
Page AC05131-X
Date Dec '11 Rev 00



Framing Elevation



Section At 3'-6" Girt



Detail "A"

At Base w/ Swing-Out Door

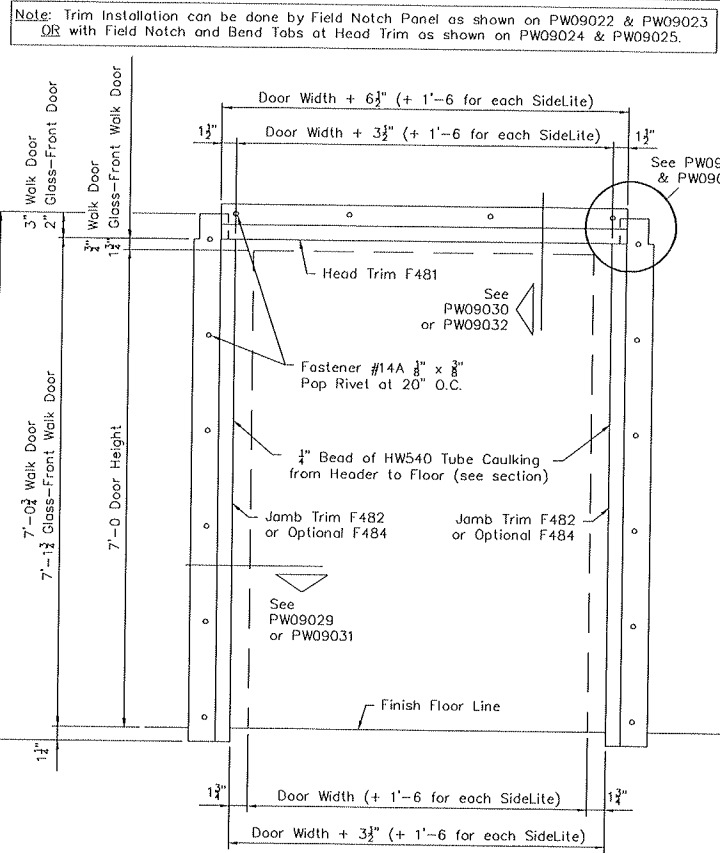
Detail "B"

At Brace (Typ. Both Jamb)

Door Header Angle	
Piece Mark	For Door
DHA3	3070
DHA4	4070
DHA6	6070

PBR Wall Panel - Walk Door & Glass-Front Walk Door
Trim Installation with Field Notch Panel at Head Trim

Page PW09022
Date Dec '11 Rev 00

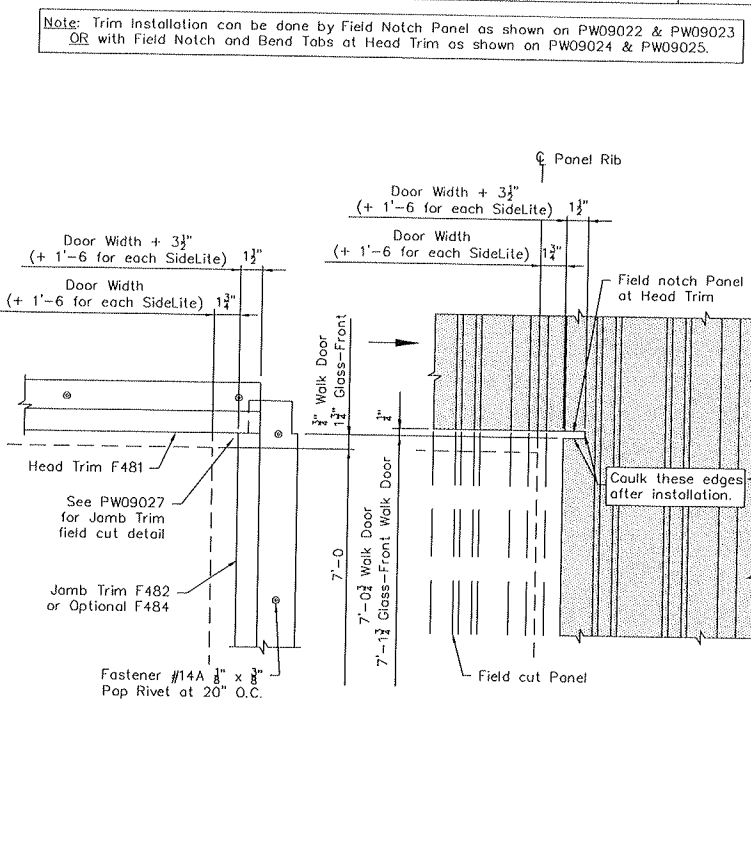


Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Field measure Door Width and Height before making field cuts and adjust cut dimensions accordingly.

PBR Wall Panel - Walk Door & Glass-Front Walk Door
Field Notch Panel at Head Trim

Page PW09023
Date Dec '11 Rev 00

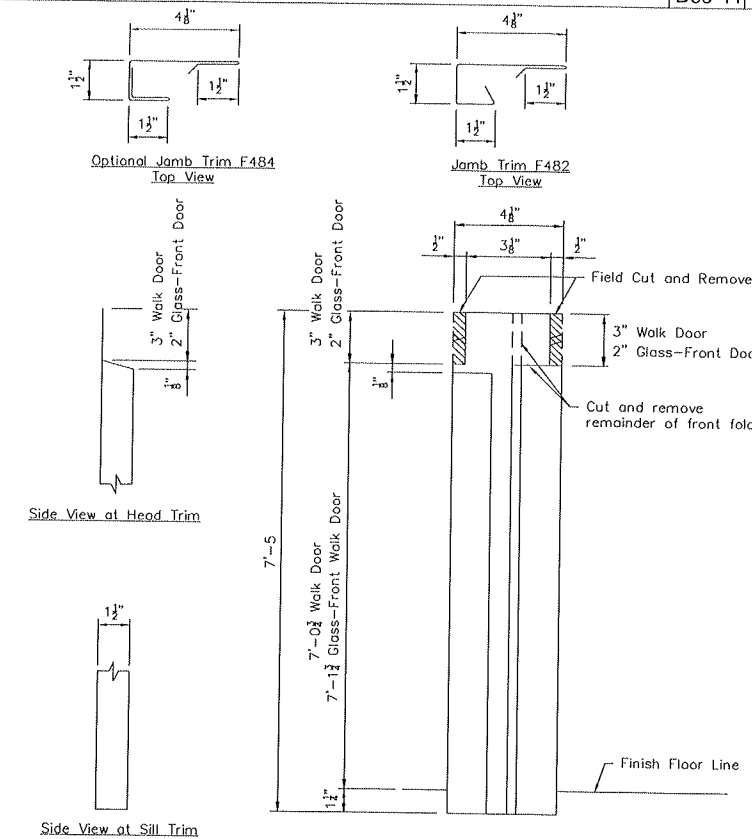


Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Door on 1'-0" module. Location of Rib may vary depending on the Door Width and location. Field measure before cutting Panel and Trim.

PBR Wall Panel - Walk Door & Glass-Front Walk Door
Jamb Trim Field Cut Details

Page PW09027
Date Dec '11 Rev 00

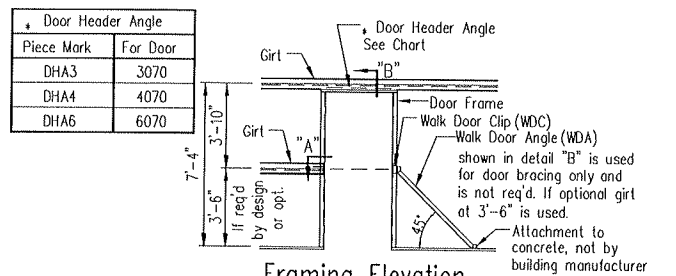


Note: Field measure Door Height before making field cuts and adjust cut dimensions accordingly so that Jamb Trim fits to Head Trim & at 1/2" below Finish Floor Line.

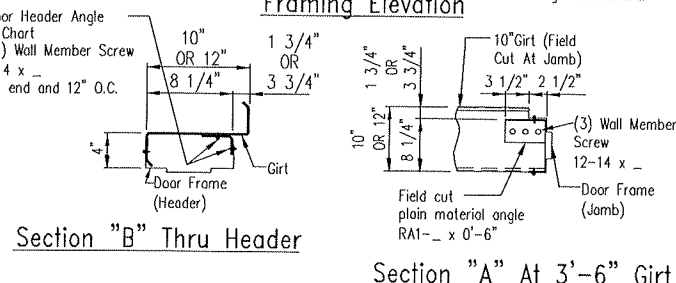
Jamb Trim F482 and Optional Jamb Trim F484 Front View
Right Jamb Trim as shown Left Jamb Trim opposite hand

8" Knock Down Walk Door Frame With 10" & 12" Girts

Page AC05133-X
Date Dec '11 Rev 00

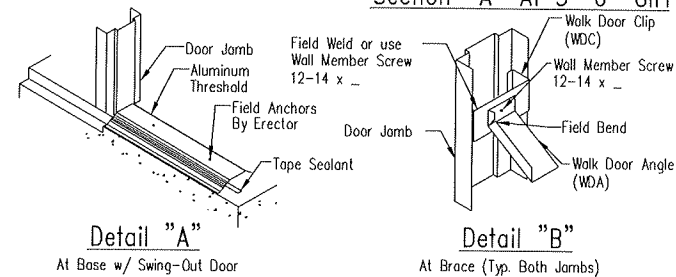


Framing Elevation



Section "B" Thru Header

Section "A" At 3'-6" Girt



Detail "A"

At Base w/ Swing-Out Door

Detail "B"

At Brace (Typ. Both Jamb)

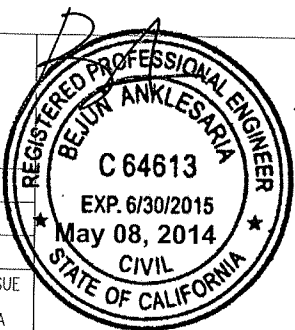
STANDARD WALKDOOR DETAILS (PBR WALL PANEL)

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET8	A



PBR Wall Panel - Walk Door & Glass-Front Walk Door
Jamb Trim Field Cut Details

Page PW09027
Date Dec '11 Rev 00

PBR Wall Panel - Preassembled Walk Door & Glass-Front Walk Door
Jamb Trim Installation

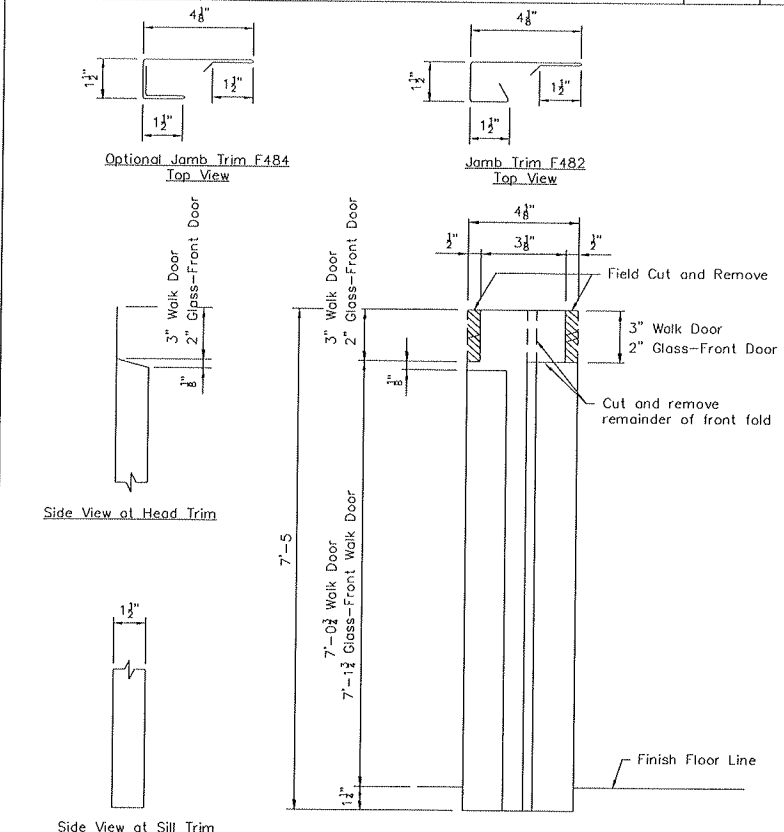
Page PW09029
Date Dec '11 Rev 00

PBR Wall Panel - Preassembled Walk Door & Glass-Front Walk Door
Head Trim Installation

Page PW09030
Date Dec '11 Rev 00

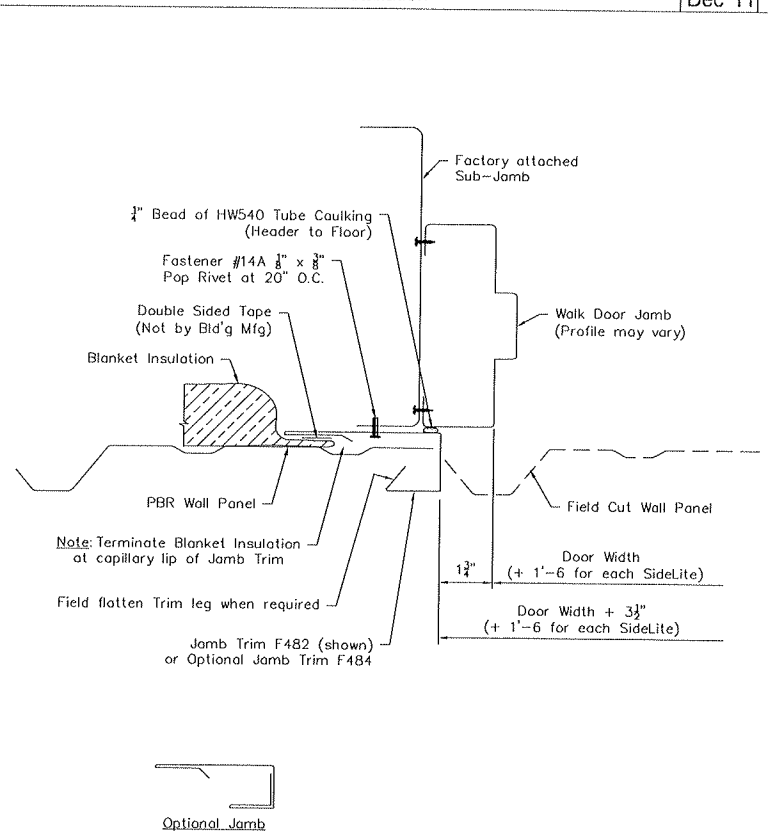
PBR Wall Panel - Knock Down Walk Door
Jamb Trim Installation

Page PW09031
Date Dec '11 Rev 00



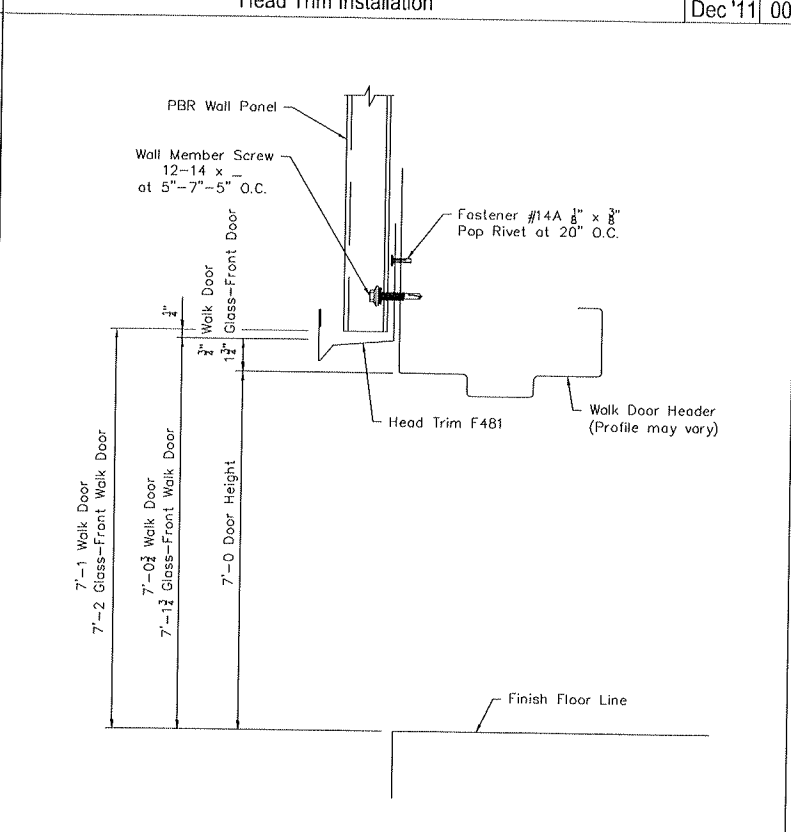
Note: Field measure Door Height before making field cuts and adjust cut dimensions accordingly so that Jamb Trim fits to Head Trim & at 1 1/2" below Finish Floor Line.

Jamb Trim F482 and Optional Jamb Trim F484
Front View
Right Jamb Trim as shown
Left Jamb Trim opposite hand

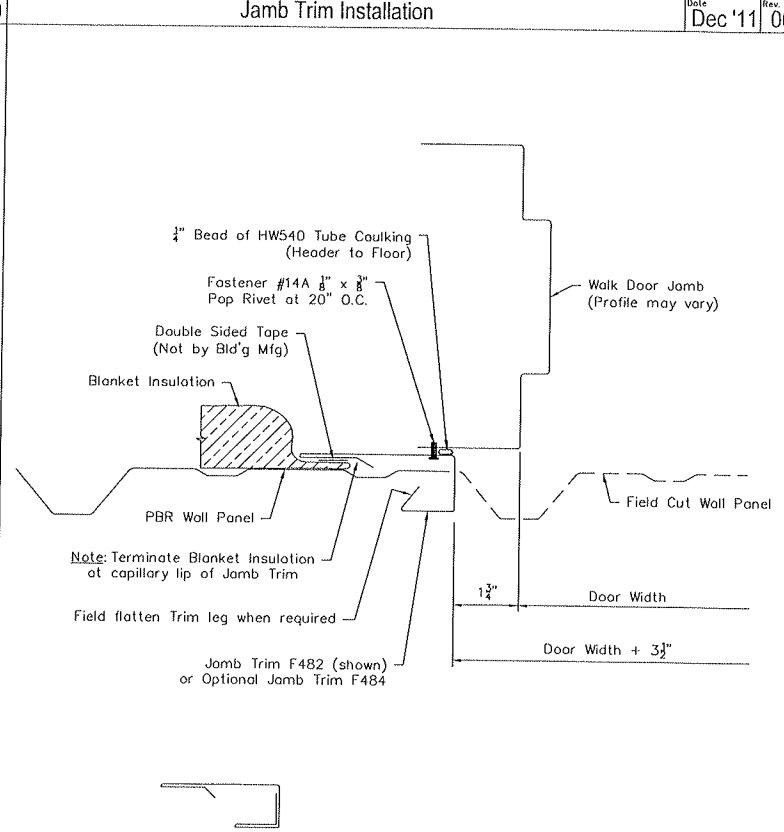


Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Door on 1'-0 module. Location of Rib may vary depending on the Door Width and location. Field measure before cutting Panel and Trim.



Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

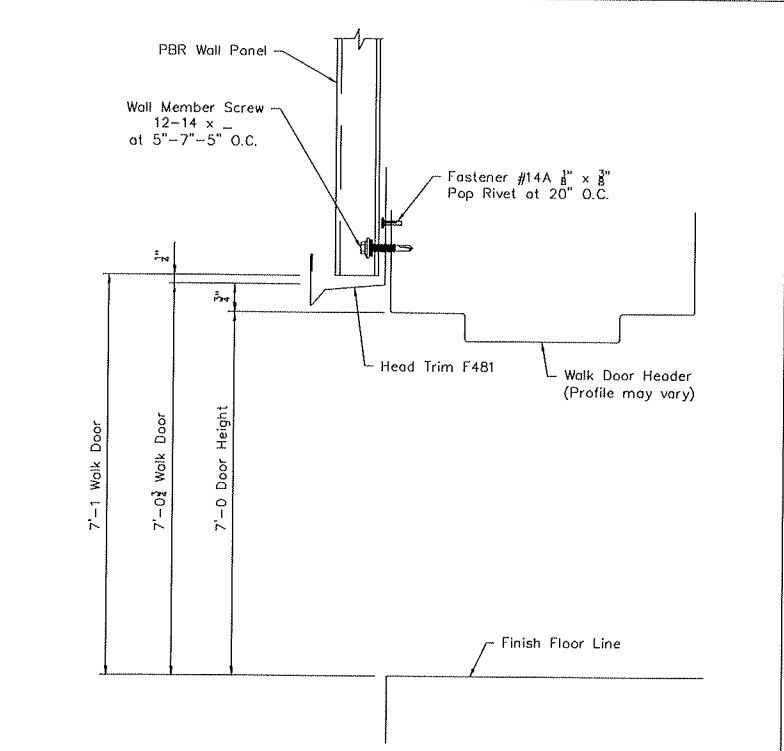


Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

Note: Panel position is shown with Panel Rib and Door on 1'-0 module. Location of Rib may vary depending on the Door Width and location. Field measure before cutting Panel and Trim.

PBR Wall Panel - Knock Down Walk Door
Head Trim Installation

Page PW09032
Date Dec '11 Rev 00



Note: All trim is to be installed BEFORE blanket insulation is applied to walls.

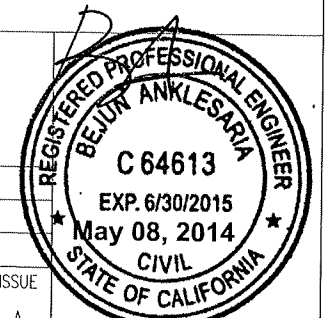
STANDARD WALKDOOR DETAILS (PBR WALL PANEL)
CONT.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
1405 DENISON STREET
MARKHAM, ON L3R-5V2

PROJECT: GANESH VENAKATARAMAN T14-0087
CUSTOMER: GANESH VENAKATARAMAN
OWNER: GANESH VENAKATARAMAN
LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET9	A

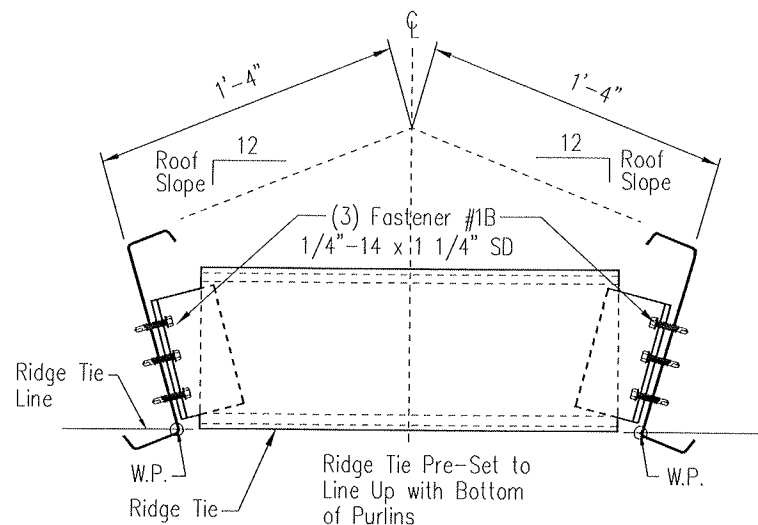


PBR Roof Panel - Standard and Standard Large
Low Eave Rake Corner with Flat Eave Trim - 1 1/4" Wall Panel

X-WPR04006

Double Member
Zee-Section Welded Girt

Page 21-05-26
Date Dec '12 Rev. 00



Roof slope	8" Purlin	10" Purlin	12" Purlin
1/2	RT08 A	RT10 A	RT12 A
1	RT08 B	RT10 B	RT12 B
2	RT08 C	RT10 C	RT12 C
3	RT08 D	RT10 D	RT12 D
4	RT08 E	RT10 E	RT12 E

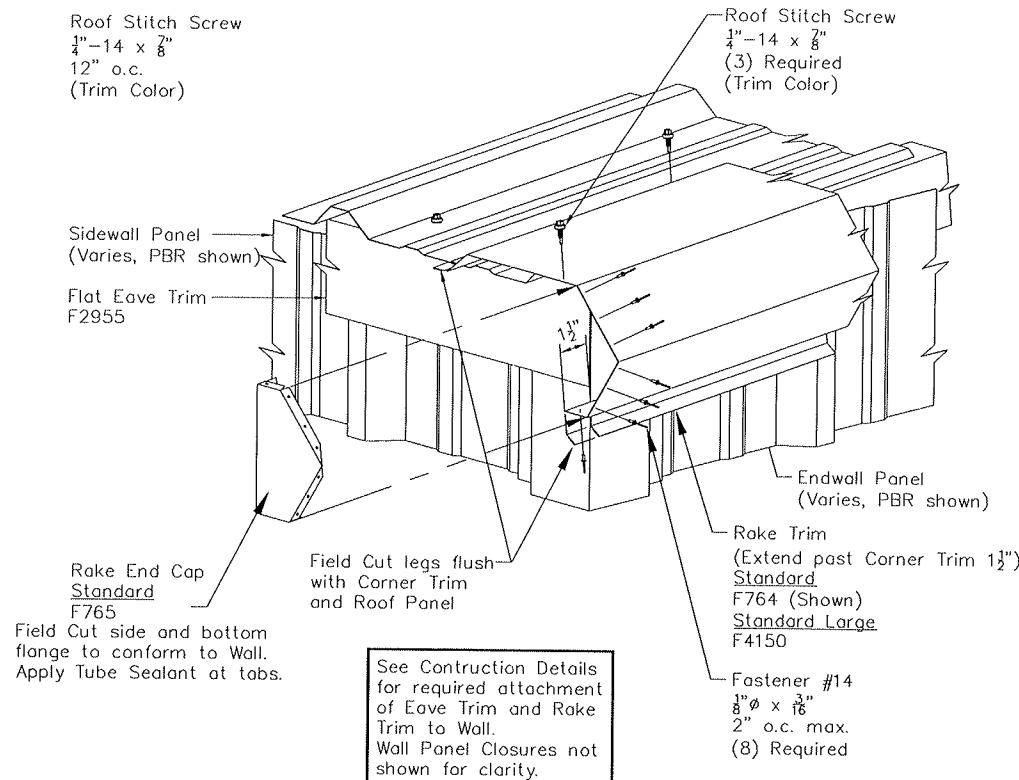
Ridge Tie Installation

08/21/09

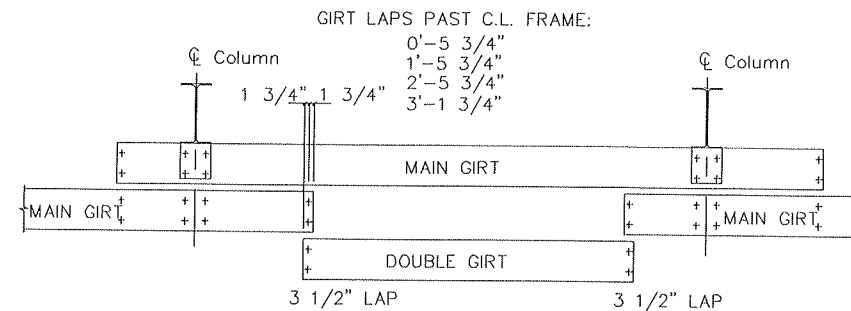
Created On: 08/21/09

NOTE: These drawings are intended to depict general installation of item(s) described above. Some item(s) may have been omitted for clarity of presentation. Consult your erection manual or additional SD-Sheets for further guidelines and/or clarifications.

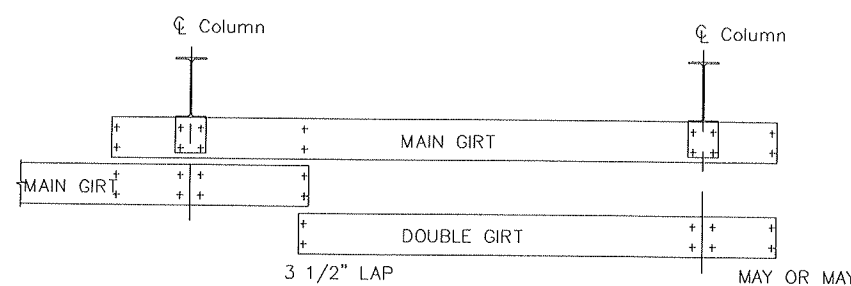
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SD59B



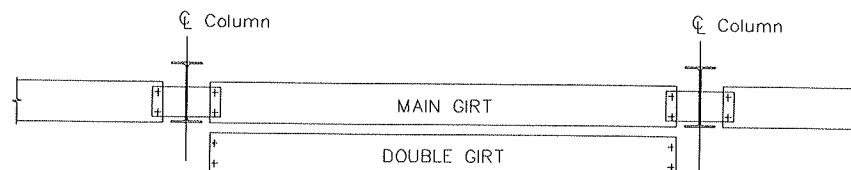
See Construction Details for required attachment of Eave Trim and Rake Trim to Wall. Wall Panel Closures not shown for clarity.



BYPASS INTERIOR BAY WITH DOUBLE ZEE GIRT



BYPASS END BAY WITH DOUBLE ZEE GIRT



FLUSH AND INSET BAY WITH DOUBLE ZEE GIRT

IF FLANGE BRACE EXTENDS BEYOND LAP REQUIREMENTS, THE NESTED GIRT WILL NEED TO BE PUNCHED AS WELL.

ISSUE	DATE	DESCRIPTION	BY	CK'D	DSN
A	5/ 5/14	FOR CONSTRUCTION PERMIT	GJO	SN	SAF

TORO STEEL BUILDINGS INC
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MARKHAM, ON L3R-5V2

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LOCATION: SAN MARTIN, CA 95046

CAD	DATE	SCALE	PHASE	BUILDING ID	JOB NUMBER	SHEET NUMBER	ISSUE
	5/ 5/14	N.T.S.	1	A	14-B-47022	DET10	A

