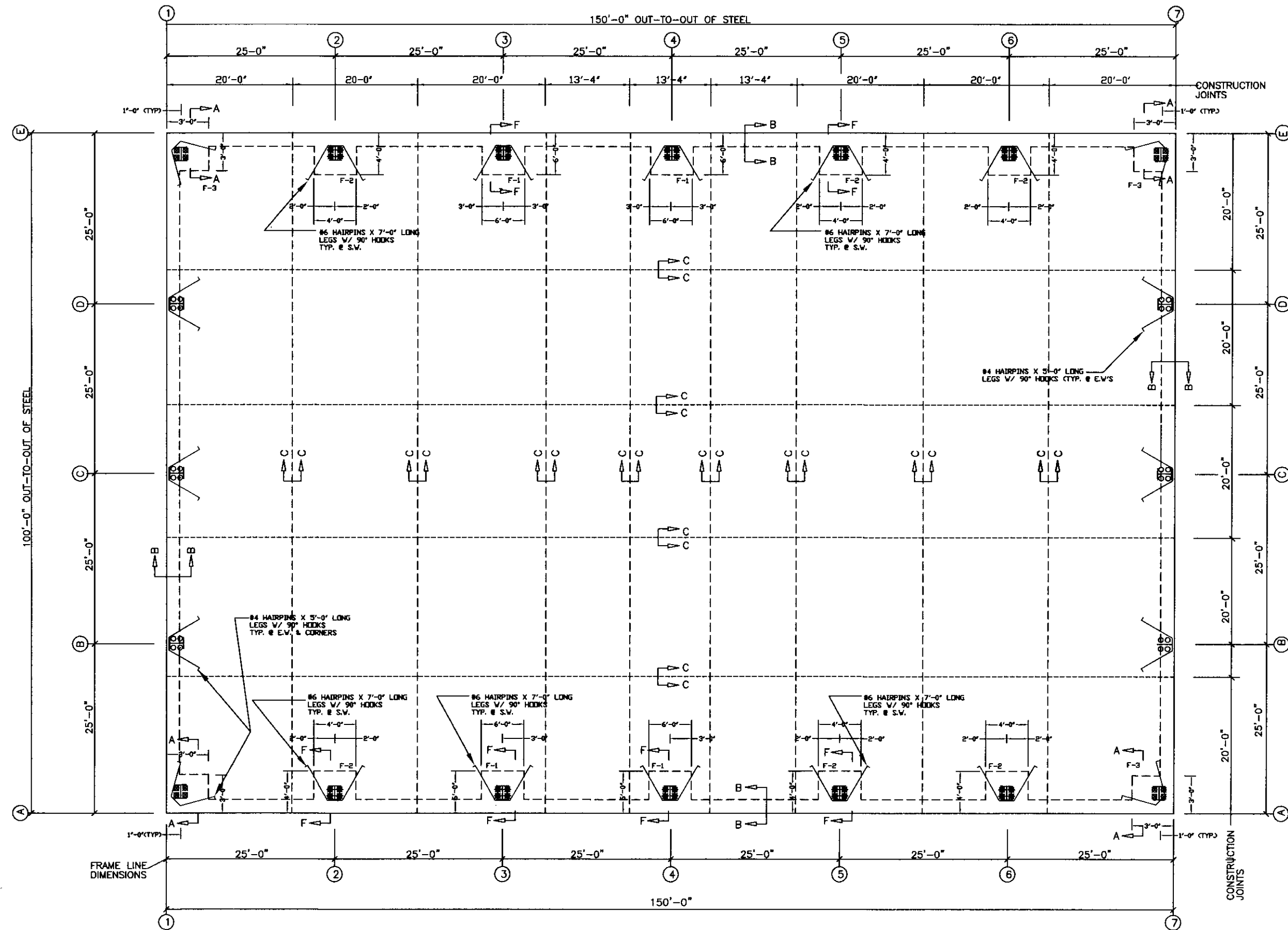


ANCHOR BOLT SUMMARY

QNT	LOC	DIA. (IN)	PROJ (IN)	TOTAL LENGTH (IN)	BEND (IN)
24	EW	3/4	2.50	14.0	3.00
40	RF	3/4	2.50	24.0	3.00
16	RF	3/4	2.50	16.0	3.00



FOUNDATION LAYOUT PLAN

REVISIONS

REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

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

BUILDINGS AND MORE

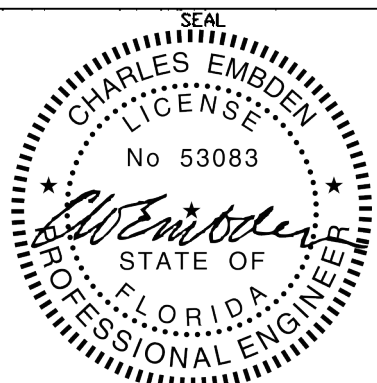
PROJECT	100.0' X 150.0' X 28.0'
ID	8459
PROJECT ADDRESS	LAKE CITY, FL 32025

TOWN HOMES, LLC.

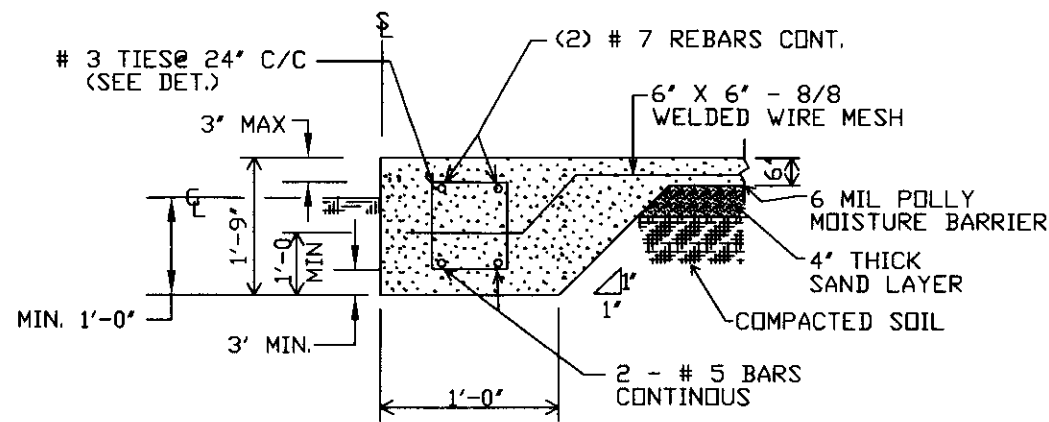
FOUNDATION LAYOUT PLAN
DESIGN: CWE DRAFT: CWE CHECK: CWE
DATE: 3/7/24 SHEET FNDWG-1

CHARLES EMBDEN P.E.

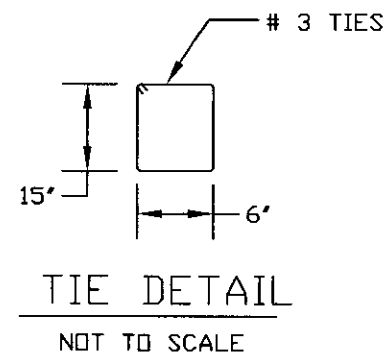
26 HARRIS DRIVE
UXBRIDGE, MA 01569
FLORIDA PE # 53083
PHONE # (508) 826-8772



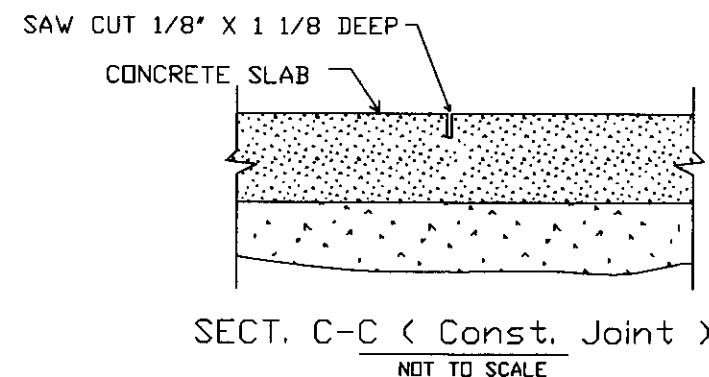
February 7, 2024



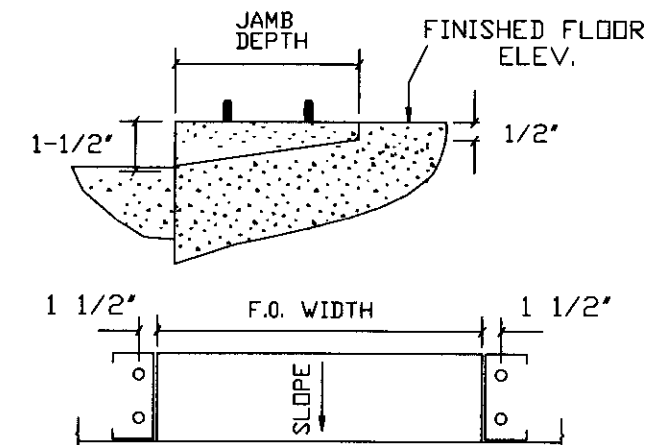
SECT. B-B
NOT TO SCALE



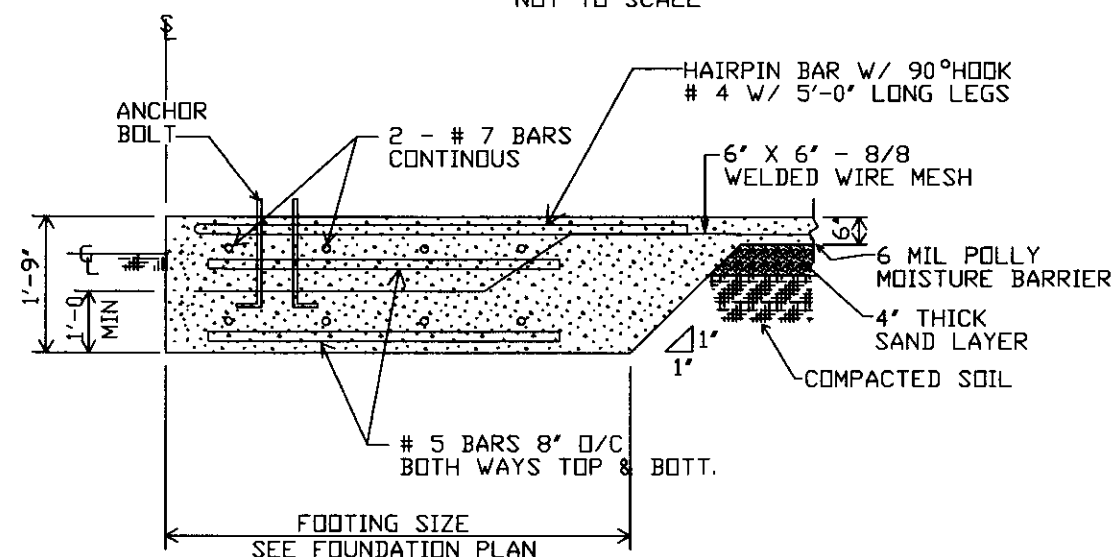
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NOT TO SCALE



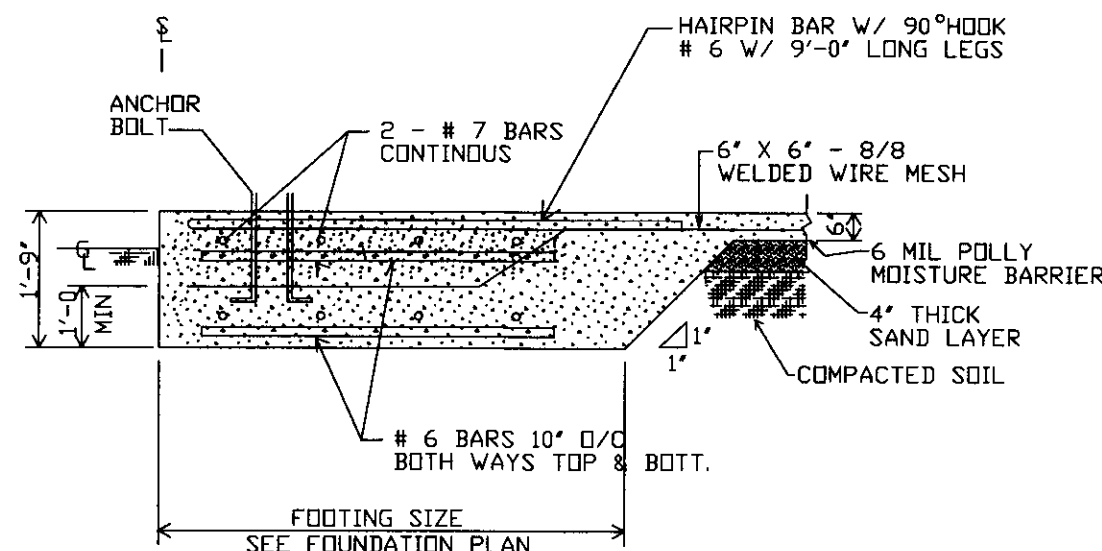
SECT. C-C (Const. Joint)
NOT TO SCALE



TYP. O.H. DOOR RECESS DETAIL



SECT. A-A
NOT TO SCALE



SECT. F-F
NOT TO SCALE

GENERAL FOUNDATION NOTES

1. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS.
2. ALL POURED IN PLACE SHALL BE F'c 3000 PSI MIN @ 28 DAYS.
3. WELDED WIRE MESH SHALL MEET ASTM A-185.
4. FOUNDATION AND FOOTING SIZING BASED ON ASSUMED SOIL BEARING CAPACITY OF 2500 PSF.
5. THE UPPER 12\"/>

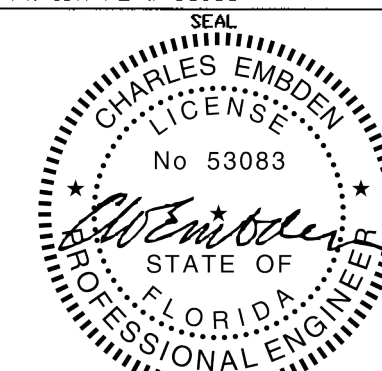
13. PROOF ROLL 5' OUTSIDE OF BUILDING FOOTPRINT WITH VIBRATORY COMPACTOR.
14. FILL TO WITHIN 4\"/>

REVISIONS						
REV.	DESCRIPTION	DATE	DLR	DATE	CHKR	APPD

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

BUILDINGS AND MORE		TOWN HOMES, LLC	
PROJECT	1000' X 1500' X 280'	FOUNDATION DETAIL PAGE	
ID	8459	DESIGN: CE	DRAFT: CE
PROJECT ADDRESS	LAKE CITY, FL 32025	DATE: 2/7/24	CHECK CE: SHEET FNDWG-2

CHARLES EMBDEN
26 HARRIS CIRCLE
UXBRIDGE, MA 01569
PHONE # (508) 826-8772
FLORIDA PE # 53083



February 7, 2024

Width (ft) = 100	Eave Height (ft) = 28
Length (ft) = 150	Roof Slope (Rise/12) = 2.0:12

A) THIS IS TO CERTIFY THAT THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY FBC 23 / 8TH EDITION

B) THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY THE BUILDING MANUFACTURER AND AS SPECIFIED IN THE CONTRACT. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS, VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY THE BUILDING MANUFACTURER SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHOULD BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S DESIGN MANUAL, THE ATTACHED DRAWINGS, AND GOOD ERECTION PRACTICES. THE END USER AND/OR ENGINEER OF RECORD IS TO CONFIRM THAT THESE LOADS COMPLY WITH REQUIREMENTS OF THE LOCAL BUILDING DEPT.

SEISMIC

SPECTRAL RESPONSE Ss 0.0853 S1 0.0502 Sds 0.0907 Sd1 0.0800

SITE CLASS d DESIGN RISK CATEGORY B Cs 0.0302

CHIEF SYSTEM NOT SPECIFICALLY DETAIL

* STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

MINIMUM DESIGN DEFLECTIONS			
Endwall Column	= 180	Roof Panel (Live)	= 60
Endwall Rafter (Live)	= 180	Roof Panel (Wind)	= 60
Endwall Rafter (Wind)	= 180	Rigid Frame (Horz)	= 60
Wall Girt	= 90	Rigid Frame (Vert)	= 180
Roof Purlin (Live)	= 180	Rigid Frame (Seismic)	= 50
Roof Purlin (Wind)	= 150		
Wall Panel	= 60		

A) THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

B) THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND RECOMMENDATIONS OF THE FOLLOWING ORGANIZATIONS AND CODES.

1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
2. AMERICAN IRON AND STEEL INSTITUTE: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
3. AMERICAN WELDING SOCIETY: "STRUCTURAL WELDING CODE" AWS D1.1. AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
4. METAL BUILDING MANUFACTURER'S ASSOCIATION: "LOW RISE BUILDING SYSTEMS MANUAL" AS ADOPTED BY THE BUILDING CODE REFERENCED IN "BUILDING LOADS" SECTION "A" ABOVE.
- c) 1) MATERIAL PROPERTIES OF STEEL PLATE USED IN THE FABRICATION OF PRIMARY RIGID FRAMES, AND OTHER PRIMARY STRUCTURAL EXCLUSIVE OF COLD-FORMED SECTIONS, CONFORM TO ASTM-A529 OR A572 . FLANGES AND WEB MATERIAL CONFORMS TO ASTM-A529 OR A572 GRADE 55 WITH A MINIMUM YIELD POINT OF 55,000 psi.
- 2) MATERIAL PROPERTIES OF HSS ROUND SECTIONS CONFORM TO ASTM-A500, GRADE B OR C WITH A MINIMUM YIELD POINT OF 42,000 psi.
- 3) MATERIAL PROPERTIES OF HSS RECT. OR SQUARE SECTIONS CONFORM TO ASTM-A500, GRADE B OR C WITH A MINIMUM YIELD POINT OF 46,000 psi.
- 4) MATERIAL PROPERTIES OF HOT ROLLED CHANNEL AND ANGLE MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992 WITH MINIMUM YIELD POINT OF 50,000 PSI. HOT ROLLED W-SHAPED MEMBERS CONFORM TO THE REQUIREMENTS OF ASTM-A992 WITH MINIMUM YIELD POINT OF 50,000 PSI.
- 5) MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO EITHER ASTM A653-06 GR 55 OR A1011-04 HSLAS GRADE 55 WITH YIELD OF 55,000 psi.
- 6) MATERIAL PROPERTIES OF ROOF/WALL SHEETING, BASE METAL CONFORM TO ASTM-A792 GRADES 80 CLASS 1, 2 OR 3 WITH A MINIMUM YIELD STRENGTH OF 80,000 PSI. COATING OF BASE MATERIAL IS 55% ALUMINUM-ZINC ALLOY IN ACCORDANCE WITH A255 SPECIFICATIONS.
- 7) CABLE UTILIZED FOR BRACING CONFORMS TO ASTM A475. CABLE BRACING IS TO BE INSTALLED TO A TAUT CONDITION.
- 8) ROD UTILIZED FOR BRACING MEMBERS CONFORM TO ASTM-A36 WITH MINIMUM YIELD POINT OF 36,000 PSI.
- 9) IT IS THE RESPONSIBILITY OF ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE "RCSB SPECIFICATION FOR STRUCTURAL JOINTS USING A-325 OR A-490 BOLTS". ALL A-325 BOLTS IN PRIMARY FRAMING MUST BE "SNUG-TIGHT", EXCEPT AS FOLLOWS:
"FULLY-PRETENSION" A-325 BOLTS IF:
 - a) BUILDING LOCATED IN A HIGH SEISMIC AREA. FOR IBC-BASED CODE, "HIGH SEISMIC AREA" IS DEFINED AS "SEISMIC DESIGN CATEGORY" OF "D", "E" OR "F".
 - b) BUILDING SUPPORTS A CRANE SYSTEM WITH A CAPACITY GREATER THAN 5.00 TONS.
 - c) BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT OR STRESS - REVERSALS ON THE CONNECTIONS.
 - d) ANY CONNECTION DESIGNATED IN THESE DRAWINGS AS "A-325 - SC".

A) IT IS IMPERATIVE THAT ANY CHANGES TO THESE DRAWINGS:

- 1) BE MADE IN CONTRASTING INK.
- 2) HAVE ALL INSTANCES OF CHANGE CLEARLY INDICATED.
- 3) BE LEGIBLE AND UNAMBIGUOUS.

- B) DATED SIGNATURE IS REQUIRED ON ALL PAGES.
- C) MANUFACTURER RESERVES THE RIGHT TO RESUBMIT DRAWINGS WITH EXTENSIVE OR COMPLEX CHANGES REQUIRED TO AVOID MISFABRICATION. THIS MAY IMPACT THE DELIVERY SCHEDULE.
- D) APPROVAL OF THESE DRAWINGS INDICATES CONCLUSIVELY THAT THE MANUFACTURER HAS CORRECTLY INTERPRETED THE CONTRACT REQUIREMENTS, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS DRAWN, OR AS DRAWN WITH INDICATED CHANGES REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED BY MANUFACTURER.
- E) ANY CHANGES NOTED ON THE DRAWINGS NOT IN CONFORMANCE WITH THE TERMS AND REQUIREMENTS OF THE CONTRACT BETWEEN MANUFACTURER AND ITS CUSTOMER ARE NOT BINDING ON MANUFACTURER UNLESS SUBSEQUENTLY SPECIFICALLY ACKNOWLEDGED AND AGREED TO IN WRITING BY CHANGE ORDER OR SEPARATE DOCUMENTATION. MANUFACTURER RECOGNIZES THAT RUBBER STAMPS ARE ROUTINELY USED FOR INDICATING APPROVAL, DISAPPROVAL, REJECTION, OR MERE REVIEW OF THE DRAWINGS SUBMITTED. HOWEVER, MANUFACTURER DOES NOT ACCEPT CHANGES OR ADDITIONS TO CONTRACTUAL TERMS AND CONDITIONS THAT MAY APPEAR WITH USE OF A STAMP OR SIMILAR INDICATION OF APPROVAL, DISAPPROVAL, ETC. SUCH LANGUAGE APPLIED TO MANUFACTURER'S DRAWINGS BY THE CUSTOMER, ARCHITECT, ENGINEER, OR ANY OTHER PARTY WILL BE CONSIDERED AS UNACCEPTABLE ALTERATIONS TO THESE DRAWING NOTES, AND WILL NOT ALTER THE CONTRACTUAL RIGHTS AND OBLIGATIONS EXISTING BETWEEN MANUFACTURER AND ITS CUSTOMER.

- A) THE 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.
- B) IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE.
- C) LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.
- D) MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.
- E) DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHERE APPLICABLE, ARE RECOMMENDED.

A) IT IS THE RESPONSIBILITY OF THE ERECTOR/CONTRACTOR TO INSURE THAT ALL PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUFACTURER OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT.

B) THE CONTRACTOR MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCY AS REQUIRED.

C) APPROVAL OF THE MANUFACTURER'S DRAWINGS AND CALCULATIONS INDICATE THAT THE BUILDING MANUFACTURER CORRECTLY INTERPRETED AND APPLIED THE REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. (SECT. 4.4-1 AISC CODE OF STANDARD PRACTICES, LATEST ED.)

D) WHERE DISCREPANCIES EXIST BETWEEN THE MANUFACTURER'S STRUCTURAL STEEL PLANS AND THE PLANS FOR OTHER TRADES, THE STRUCTURAL STEEL PLANS SHALL GOVERN. (SECT. 3.3 AISC CODE OF STANDARD PRACTICE LATEST ED.)

E) DESIGN CONSIDERATIONS OF ANY MATERIALS IN THE STRUCTURE WHICH ARE NOT FURNISHED BY THE BUILDING MANUFACTURER ARE THE RESPONSIBILITY OF THE CONTRACTORS AND ENGINEERS OTHER THAN THE BUILDING MANUFACTURER'S ENGINEERS UNLESS SPECIFICALLY INDICATED.

F) THE ERECTOR/CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION OF STEEL AND ASSOCIATED WORK IN COMPLIANCE WITH THE BUILDING MANUFACTURER'S "FOR CONSTRUCTION" DRAWINGS.

G) PRODUCTS SHIPPED TO ERECTOR/CONTRACTOR OR HIS CUSTOMER SHALL BE INSPECTED BY ERECTOR/CONTRACTOR IMMEDIATELY UPON ARRIVAL. CLAIMS FOR SHORTAGES OR DEFECTIVE MATERIAL IF NOT PACKAGED MUST BE SENT TO THE MANUFACTURER IN WRITING WITHIN FIVE (5) DAYS AFTER RECEIPT OF THE SHIPMENT. HOWEVER, IF A DEFECT IS OF SUCH A NATURE THAT REASONABLE VISUAL INSPECTION WOULD FAIL TO DISCLOSE IT, THEN THE CLAIM MUST BE MADE WITHIN FIVE (5) DAYS AFTER THE ERECTOR/CONTRACTOR LEARNS OF THE DEFECT. THE MANUFACTURER WILL NOT BE LIABLE FOR ANY DEFECT UNLESS A CLAIM IS MADE WITHIN ONE (1) YEAR AFTER DATE OF THE ORIGINAL SHIPMENT BY THE MANUFACTURER TO CONTRACTOR OR HIS CUSTOMER. THE MANUFACTURER WILL BE GIVEN A REASONABLE OPPORTUNITY TO INSPECT DEFECTIVE MATERIALS UPON RECEIPT OF CLAIM BY CONTRACTOR.

H) IF A DEFECT IS OF SUCH NATURE THAT IT CAN BE REMEDIED BY A FIELD OPERATION AT THE JOB SITE WITHOUT THE NECESSITY OF RETURNING THE MATERIAL TO THE MANUFACTURER, THEN UPON WRITTEN AUTHORIZATION OF THE MANUFACTURER THE CONTRACTOR MAY REPAIR OR CAUSE THE MATERIAL TO BE REPAIRED AND THE MANUFACTURER WILL REIMBURSE THE CONTRACTOR FOR THE COST OF THE REPAIR IN ACCORDANCE WITH THE WRITTEN AUTHORIZATION.

I) THE CORRECTION OF MINOR MISFITS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS IN TO LINE, MODERATE AMOUNTS OF REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM.

J) ALL BRACING AS SHOWN AND PROVIDED BY THE MANUFACTURER FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE.

K) TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR. THESE TEMPORARY SUPPORTS WILL SECURE THE STEEL FRAMING, OR ANY PARTLY ASSEMBLED STEEL FRAMING, AGAINST LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH THE STRUCTURE WAS DESIGNED, RESULTING FROM WIND, SEISMIC FORCES AND ERECTION OPERATIONS, BUT NOT THE LOADS RESULTING FROM THE PERFORMANCE OF WORK BY THE ERECTOR OR THE ACTS OF OTHERS, NOR SUCH UNPREDICTABLE LOADS AS THOSE DUE TO TORNADO, EXPLOSION OR COLLISION. (SECT. 7.10-3 AISC CODE OF STANDARD PRACTICE, LATEST ED.)

L) METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND WORKMANSHIP OF FOUNDATION. ANCHOR PLANS PREPARED BY MBM ARE INTENDED TO SHOW ONLY LOCATION, DIAMETER AND PROJECTION OF THE ANCHOR RODS REQUIRED TO ATTACH THE METAL BUILDING SYSTEM TO FOUNDATION. IT IS RESPONSIBILITY OF THE END CUSTOMER TO ENSURE THAT ADEQUATE PROVISIONS ARE MADE FOR SPECIFYING ROD EMBEDMENT, BEARING VALUES, TIE RODS AND OTHER ASSOCIATED ITEMS EMBEDDED IN CONCRETE FOUNDATION, AS WELL AS FOUNDATION DESIGN FOR THE LOADS IMPOSED BY MB SYSTEM, OTHER IMPOSED LOAD, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE (MBMA 06 SECTIONS 3.2.2 AND A3)

M) METAL BUILDING MANUFACTURER DOES NOT PROVIDE ANY FIELD SUPERVISION FOR THE ERECTION, NOR DOES MBM PERFORM ANY INSPECTIONS DURING OR AFTER ERECTION.

COMPONENTS & CLADDING (unfactored)				
Wall Field Values	=	22.630	psf /	-24.516 psf
Wall Edge Values	=	22.630	psf /	-30.174 psf

STIPULATED OTHERWISE IN THE CONTRACT.



BUILDINGS AND MORE

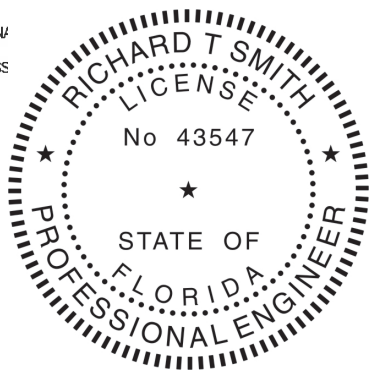
FLORIDA PRODUCT APPROVAL NUMBER	
PBR ROOF PANEL	36875.1
PBR WALL PANEL	36876.1

IT IS THE RESPONSIBILITY OF THE CUSTOMER TO PROVIDE ALL DOCUMENTATION REQUIRED FOR ANY ACCESSORIES NOT PROVIDED BY MBM TO THEIR LOCAL PERMITTING OFFICE. ALL ACCESSORIES MUST COMPLY AND MEET ALL DESIGN REQUIREMENTS PER LOCAL CODES.

ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

FRAMING COLORS							
Rigid Frame:	RO	RO - Red Oxide					
Flange brace:	RO	GP - Grey Primer					
Angle:	RO	GZ - Galvanized					
	Grt	Pur	EvSt	Jmb	BB	Col	Endwall Rat
U SECTION:	RO	RO	RO	RO	RO	RO	RO
C SECTION:	RO	RO	RO	RO	RO	RO	RO
D SECTION:	RO	RO	RO	RO	RO	RO	RO
Z SECTION:	RO	RO	RO	RO	RO	RO	RO
E SECTION:	RO	RO	RO	RO	RO	RO	RO
R SECTION:	RO	RO	RO	RO	RO	RO	RO
W SECTION:	RO	RO	RO	RO	RO	RO	RO

WHEN GALVANIZED PROVIDED: ALL FINISHED
PRIMARY BUILT-UP AND HOT ROLL MEMBERS
ARE HOT DIPPED GALVANIZED. ALL SECONDARY
COLD FORMED MEMBERS ARE PRE-GALVANIZED.



COLORS:	
ROOF:	GALVALUME
WALLS:	COLOR
GABLE:	COLOR
EAVE:	COLOR
CORNER:	COLOR
FRAMED OPENINGS:	COLOR
GUTTER:	COLOR
DOWNSPOUTS:	COLOR
BASE:	COLOR

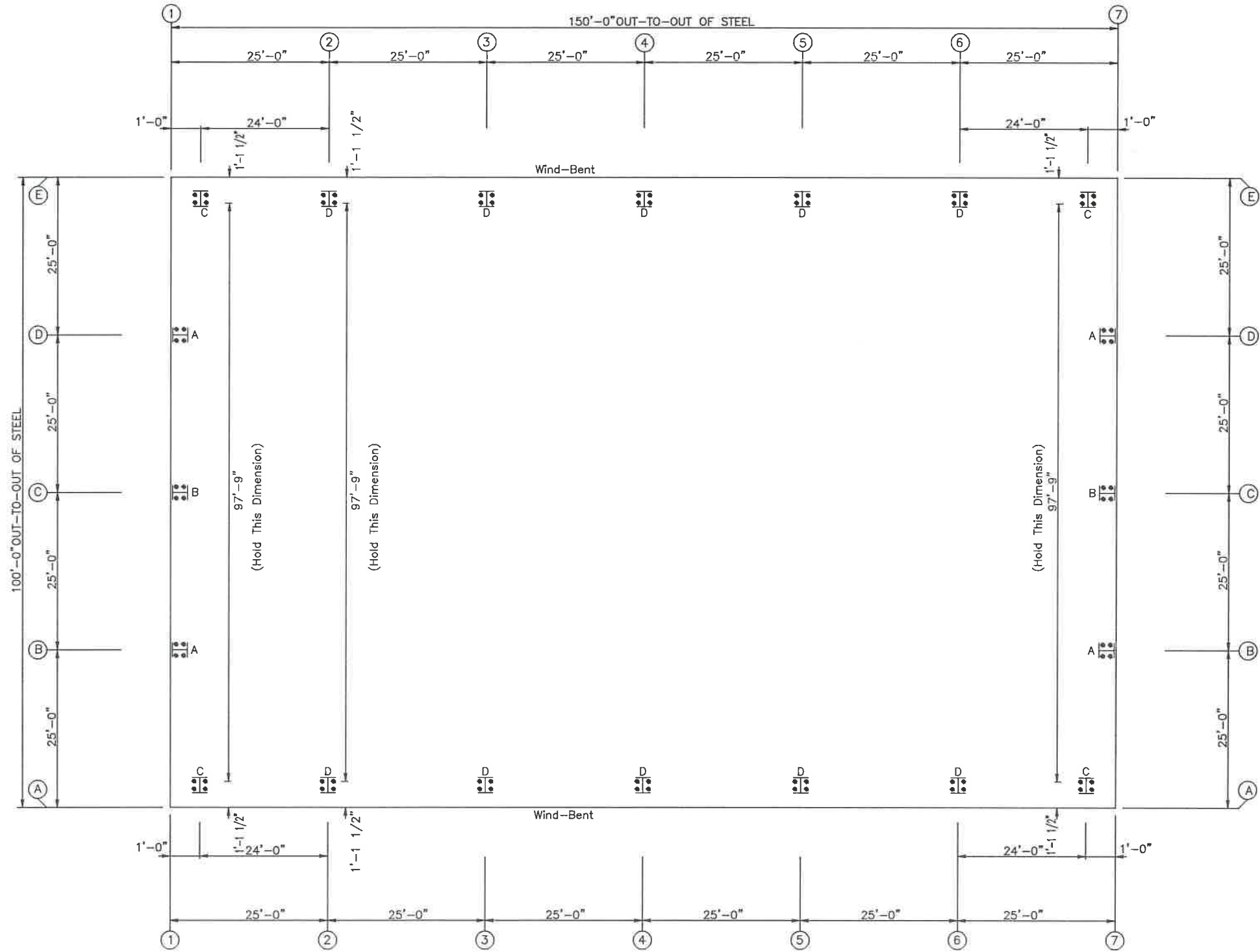
DRAWING INDEX		
REV.	PAGE	DESCRIPTION
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	1	ANCHOR BOLT LAYOUT
	1.1	ANCHOR BOLT DETAILS
	1.2	ANCHOR BOLT REACTIONS
	2	ROOF FRAMING LAYOUT
	2.1-2.5	RIGID FRAME CROSS SECTION
	3	SIDEWALL FRAMING LAYOUT
	4	ENDWALL FRAMING LAYOUT
	5-5.3	FRAMING DETAILS
	6	ROOF PANELS & TRIM
	6.1	ROOF PANEL DETAILS
	7	SIDEWALL PANELS & TRIM
	7.1	SIDEWALL PANEL DETAILS
	8	ENDWALL PANELS & TRIM
	8.1	ENDWALL PANEL DETAILS
	9	SPECIAL DETAILS



This item has been digitally signed and sealed by Richard T Smith on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

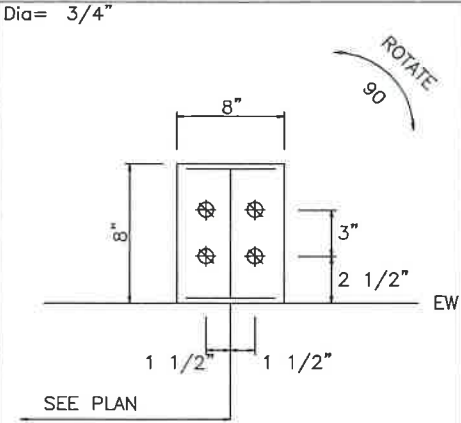
DRAWING STATUS	
☐	<u>FOR APPROVAL:</u> THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THE PURPOSE IS TO CONFIRM PROPER INTERPRETATION OF THE PROJECT DOCUMENTS. ONLY DRAWINGS ISSUED "FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
☒	<u>FOR PERMIT:</u> THESE DRAWINGS, BEING FOR PERMIT, ARE BY DEFINITION NOT FINAL IN THAT, AS A MINIMUM, PIECE MARKINGS ARE NOT IDENTIFIED. ONLY DRAWINGS "ISSUED FOR CONSTRUCTION" CAN BE CONSIDERED AS COMPLETE.
☐	<u>FOR CONSTRUCTION:</u> THESE DRAWINGS ARE FINAL AND ISSUED FOR FIELD USE FOR BUILDING FRECTION.

FROM:		TOWN HOMES LLC. 133 SE NEWELL DR LAKE CITY, FL 32025		FOR:		LAKE CITY, FL 32025	
BUILDINGS AND MORE 792 SW BASCOM NORRIS DR. LAKE CITY, FL 32025							
JOB NO : 8459							
DATE : 2/ 6/24							
BY : CTW		SCALE : NONE					
TITLE : COVER PAGE							
NUMBER :							
PAGE 0							

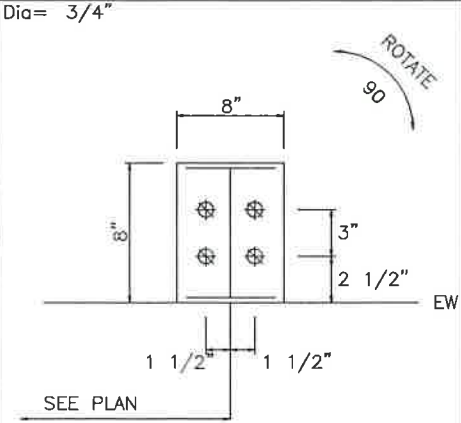


ANCHOR BOLT PLAN
NOTE: All Base Plates ⌀ 100'-0" (Unless Noted)

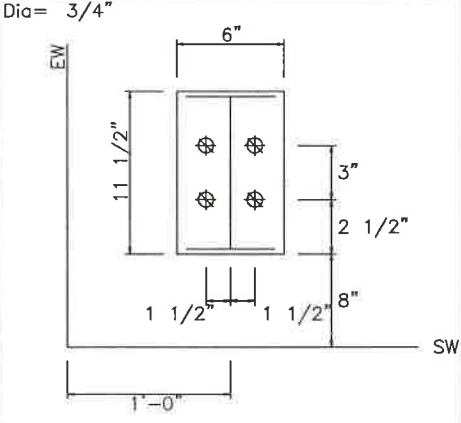
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ANCHOR BOLT LAYOUT				
DRAWING NO: PAGE 1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE	



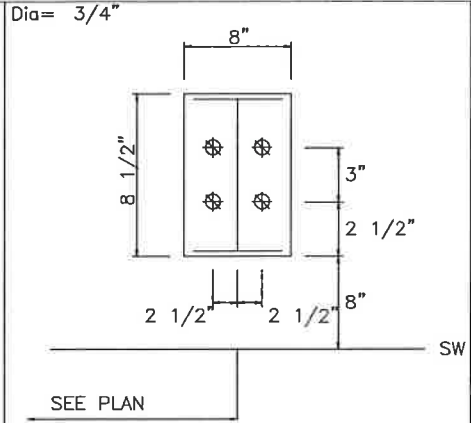
DETAIL A



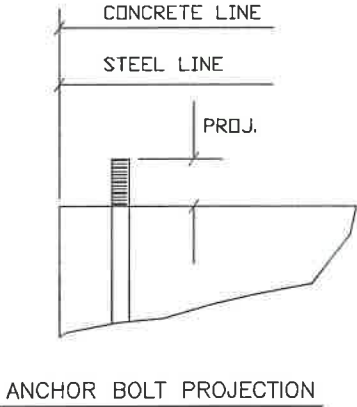
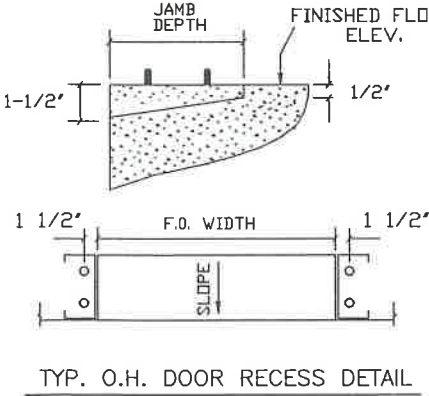
DETAIL B



DETAIL C

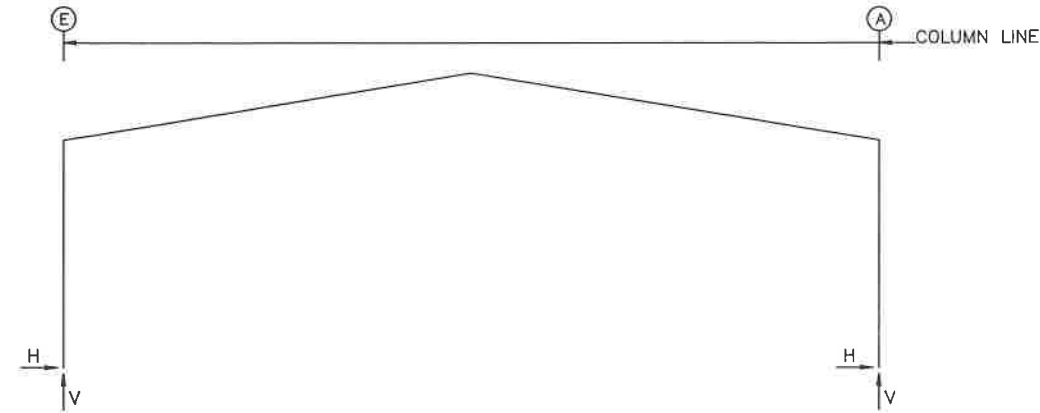


DETAIL D



ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ANCHOR BOLT DETAILS				
DRAWING NO: PAGE 1.1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE	

FRAME LINES: 1 2 3 4 5 6 7



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)		Grout (in)
				Width	Length	Thick
1*	E	4	0.750	6.000	11.50	0.375
1*	A	4	0.750	6.000	11.50	0.375

1* Frame lines: 1 7

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)		Grout (in)
				Width	Length	Thick
2*	E	4	0.750	8.000	8.500	0.500
2*	A	4	0.750	8.000	8.500	0.500

2* Frame lines: 2 5 6

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)		Grout (in)
				Width	Length	Thick
3*	E	4	0.750	8.000	8.500	0.625
3*	A	4	0.750	8.000	8.500	0.625

3* Frame lines: 3 4

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc._Bolt Qty	Dia	Base_Plate (in)		Grout (in)
				Width	Length	Thick
1	D	4	0.750	8.000	8.000	0.250
1	C	4	0.750	8.000	8.000	0.250
1	B	4	0.750	8.000	8.000	0.250
7	B	4	0.750	8.000	8.000	0.250
7	C	4	0.750	8.000	8.000	0.250
7	D	4	0.750	8.000	8.000	0.250

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Projection (in)
⌀ 24	Endwall	3/4"	GR36	1.50
⌀ 56	Frame	3/4"	GR36	2.50

GENERAL NOTES

- FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF METAL BUILDING MANUFACTURER.
- ALL REACTIONS ARE UNFACTORED.
- ULTIMATE WIND LOADS ARE USED TO DERIVE THE WIND REACTION.
- ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.
- COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED A BEARING PRESSURE OF 1050 POUNDS PER SQUARE INCH.

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	-----Dead-----		-----Collateral-----		-----Live-----		-----Wind_Left1-----		-----Wind_Right1-----		-----Wind_Left2-----	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	E	1.3	3.0	0.4	0.7	4.5	7.8	-11.3	-16.4	-3.5	-11.1	-10.0	-11.4
1*	A	-1.3	3.0	-0.4	0.7	-4.5	7.8	3.5	-11.1	11.3	-16.4	2.2	-6.1
2*	E	2.2	4.5	0.8	1.3	9.2	15.0	-16.9	-23.0	-3.9	-15.8	-14.7	-13.3
2*	A	-2.2	4.5	-0.8	1.3	-9.2	15.0	3.9	-15.8	16.9	-23.0	1.8	-6.1
3*	E	2.3	4.6	0.8	1.3	9.4	15.0	-17.0	-23.0	-4.1	-15.8	-14.8	-13.3
3*	A	-2.3	4.6	-0.8	1.3	-9.4	15.0	4.1	-15.8	17.0	-23.0	2.0	-6.1

Frame Line	Column Line	-----Wind_Right2-----		-----Wind_Long1-----		-----Wind_Long2-----		-----Seismic_Left-----		-----Seismic_Right-----	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
1*	E	-2.2	-6.1	-2.6	-10.8	-3.3	-9.0	-0.2	-0.1	0.2	0.1
1*	A	10.0	-11.4	3.3	-9.0	2.6	-10.8	-0.2	0.1	0.2	-0.1
2*	E	-1.8	-6.1	-5.5	-20.7	-6.9	-17.3	-0.2	-0.1	0.2	0.1
2*	A	14.7	-13.3	6.9	-17.3	5.5	-20.7	-0.2	0.1	0.2	-0.1
3*	E	-2.0	-6.1	-5.7	-20.7	-7.1	-17.3	-0.2	-0.1	0.2	0.1
3*	A	14.8	-13.3	7.1	-17.3	5.7	-20.7	-0.2	0.1	0.2	-0.1

1* Frame lines: 1 7
2* Frame lines: 2 5 6
3* Frame lines: 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Wind Press Horiz	Wind Suct Horiz	Seis Long Vert
1	D	0.6	-7.1	7.9	0.0
1	C	1.1	-8.1	8.9	0.0
1	B	0.6	-7.1	7.9	0.0
7	B	0.6	-7.1	7.9	0.0
7	C	1.1	-8.1	8.9	0.0
7	D	0.6	-7.1	7.9	0.0

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	100.0
Length (ft)	=	150.0
Eave Height (ft)	=	28.0/ 28.0
Roof Slope (Rise/12)	=	2.0/ 2.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	1.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Wind Speed (mph)	=	119.0
Wind Code	=	FBC 23 (8TH EDITION)
Exposure	=	B
Closure	=	Enclosed
Importance Wind	=	1.00
Importance Seismic	=	1.00
Seismic Zone	=	B
Seismic Coeff (Fa*Ss)	=	0.14

BUILDING BRACING REACTIONS

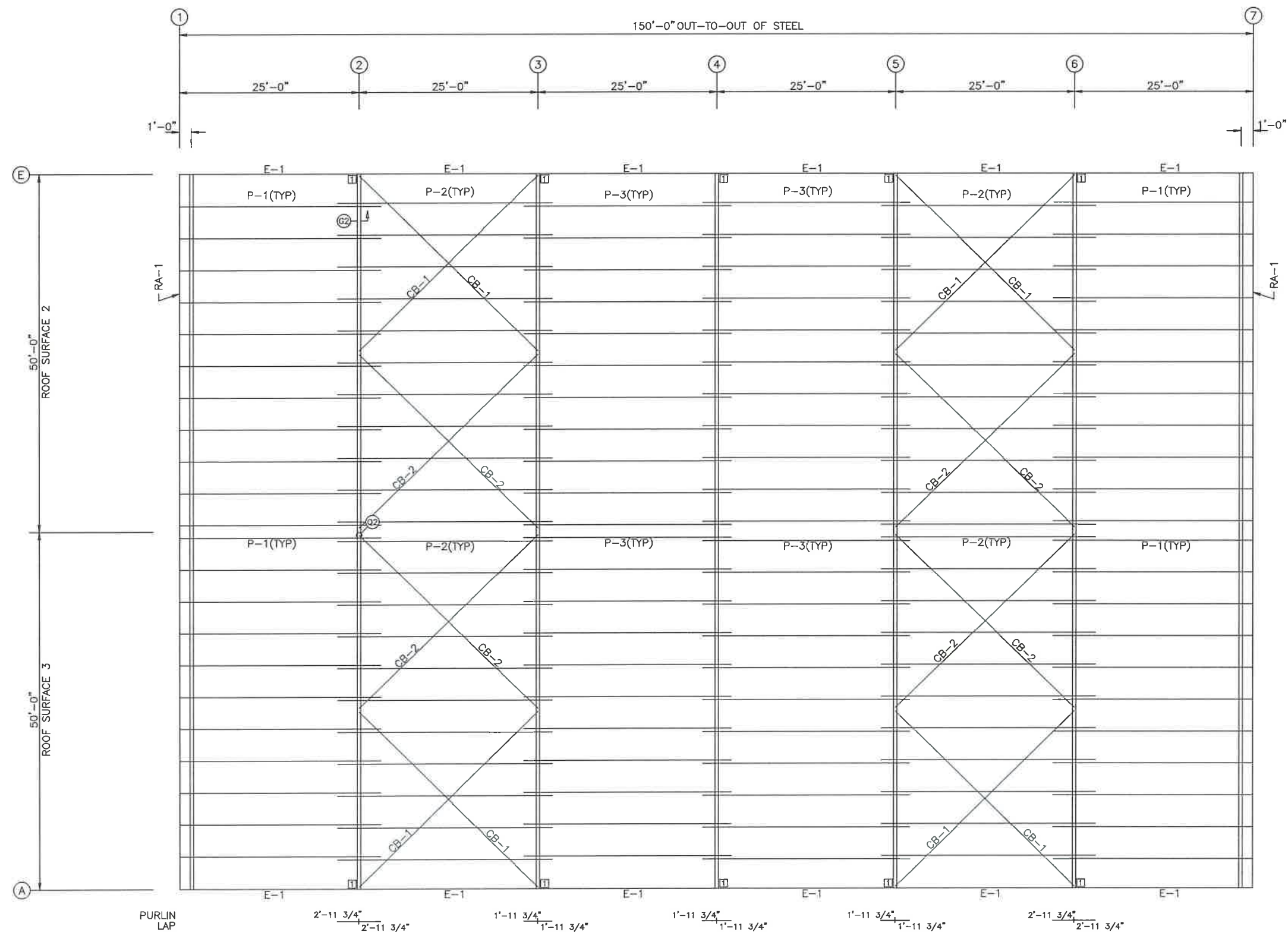
---Wall Loc	---Col Line	± Reactions(k.)				Panel Shear (lb/ft)		Note
		---Wind Horiz	---Wind Vert	---Seismic Horiz	---Seismic Vert	Wind	Seis	
L_EW	1							(h)
F_SW	A	3,4	6.5 13.5	0.7 1.4				(b)
R_EW	7							(h)
B_SW	E	3,4	6.5 13.5	0.7 1.4				(b)

(b)Wind bent in bay, base above finish floor
(h)Rigid frame at endwall

Reactions for seismic represent shear force, Eh

ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ANCHOR BOLT REACTIONS				
DRAWING NO: PAGE 1.2		DRAWN BY: CTW		CHECKED BY: SPW
				SCALE: NONE

NOTE: THE FRAMING AT BOTH ENDWALLS IS NOT DESIGNED TO ACCOMMODATE FUTURE ADDITIONS. REACTIONS CORRESPONDING TO THESE FRAME LINES REFLECT LOADINGS FOR ACTUAL TRIBUTARY AREA AND ARE NOT INTENDED TO INCLUDE ANY FUTURE MODIFICATIONS UNLESS NOTED OTHERWISE.



ROOF FRAMING PLAN

SPECIAL BOLTS					
ROOF PLAN					
Ø ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	10x25Z16	27'-11 1/2"
P-2	10x25Z16	29'-11 1/2"
P-3	10x25Z16	28'-11 1/2"
E-1	10LE14@2	24'-11 1/2"
CB-1	3/8 CBL	34'-9"
CB-2	1/4 CBL	35'-7"

CONNECTION PLATES	
ROOF PLAN	
□ ID	MARK/PART
1	ES-1

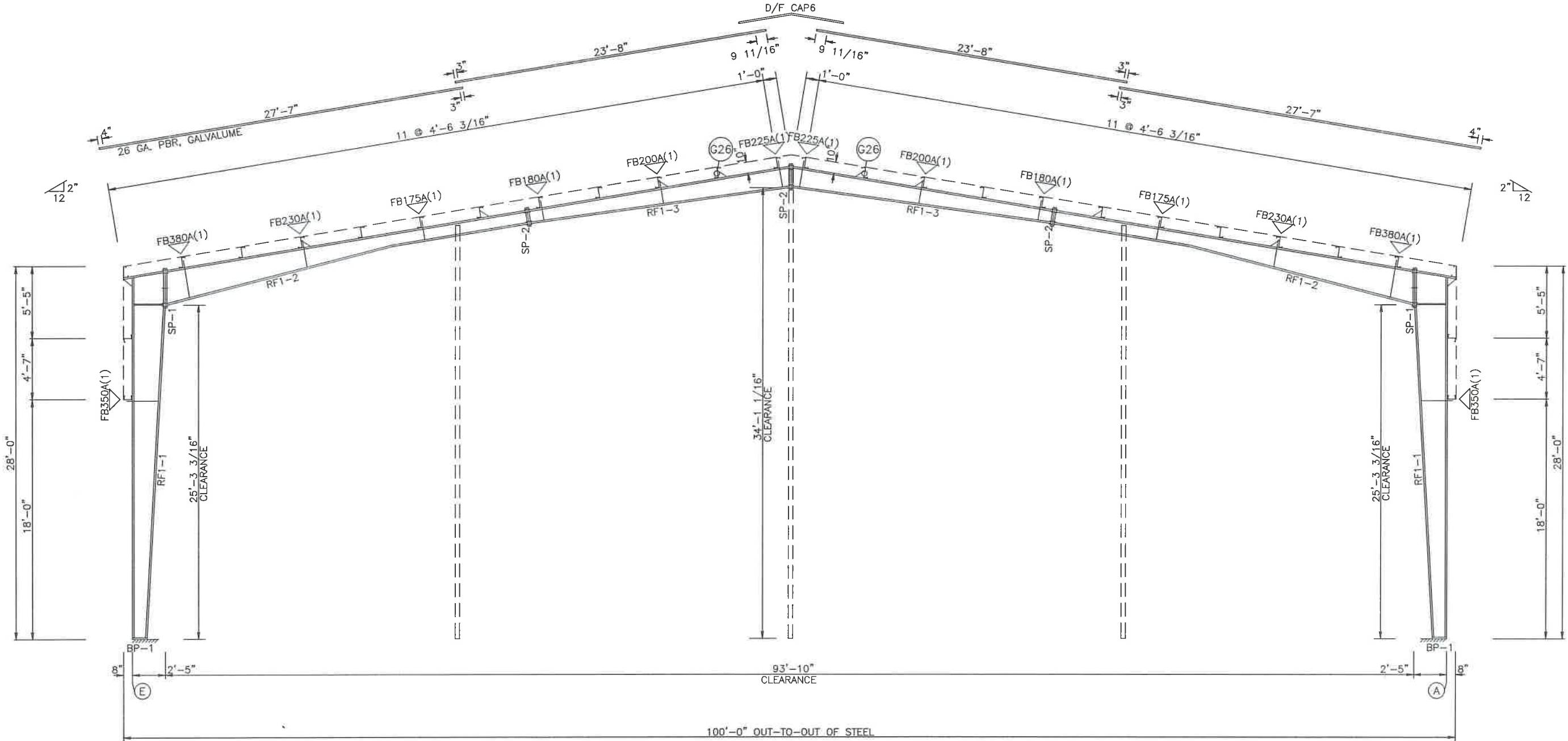
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ROOF FRAMING LAYOUT				
DRAWING NO: PAGE 2	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE	

SPUCE BOLT TABLE							
MARK	Qty	Top	Bot	Int	TYPE	DIA	Length
SP-1	4	4	2		A325	3/4"	2 1/2"
SP-2	4	4	0		A325	5/8"	2"

BASE PLATE TABLE				
COL	PLATE SIZE			
MARK	Width	THICK	Length	
BP-1	6"	3/8"	11	1 1/2"

▽ FLANGE BRACES: (1) One Side; (2) Two Sides
FBxxA(1): xx=length(in)
A - L2x2x14

MEMBER TABLE					
MARK	Weight	Web Depth Start/End	Web THICK	PLATE Length	Outside Flange W x Thk x Length
RF1-1	967	10.0/17.2 17.2/28.0 28.0/28.0	0.135 0.135 0.188	9'-11 11/16" 14'-11" 2'-8 5/8"	6 x 1/2" x 18'-5 3/4" 6 x 1/2" x 2'-0" 6 x 3/8" x 6'-8 13/16" 6 x 1/4" x 3'-0 15/16" 6 x 1/4" x 20'-0" 6 x 1/4" x 7'-4 13/16"
RF1-2	564	28.0/12.1 12.1/ 9.5 9.5/ 9.5	0.135 0.135 0.135	14'-11" 2'-5 1/8" 10'-5 7/16"	6 x 5/16" x 17'-4 15/16" 6 x 1/4" x 10'-5 7/16"
RF1-3	359	9.5/14.4 14.4/16.0	0.135 0.135	14'-11" 5'-1"	6 x 1/4" x 20'-0" 6 x 1/4" x 19'-9 3/8"



RIGID FRAME ELEVATION: FRAME LINE 1 7

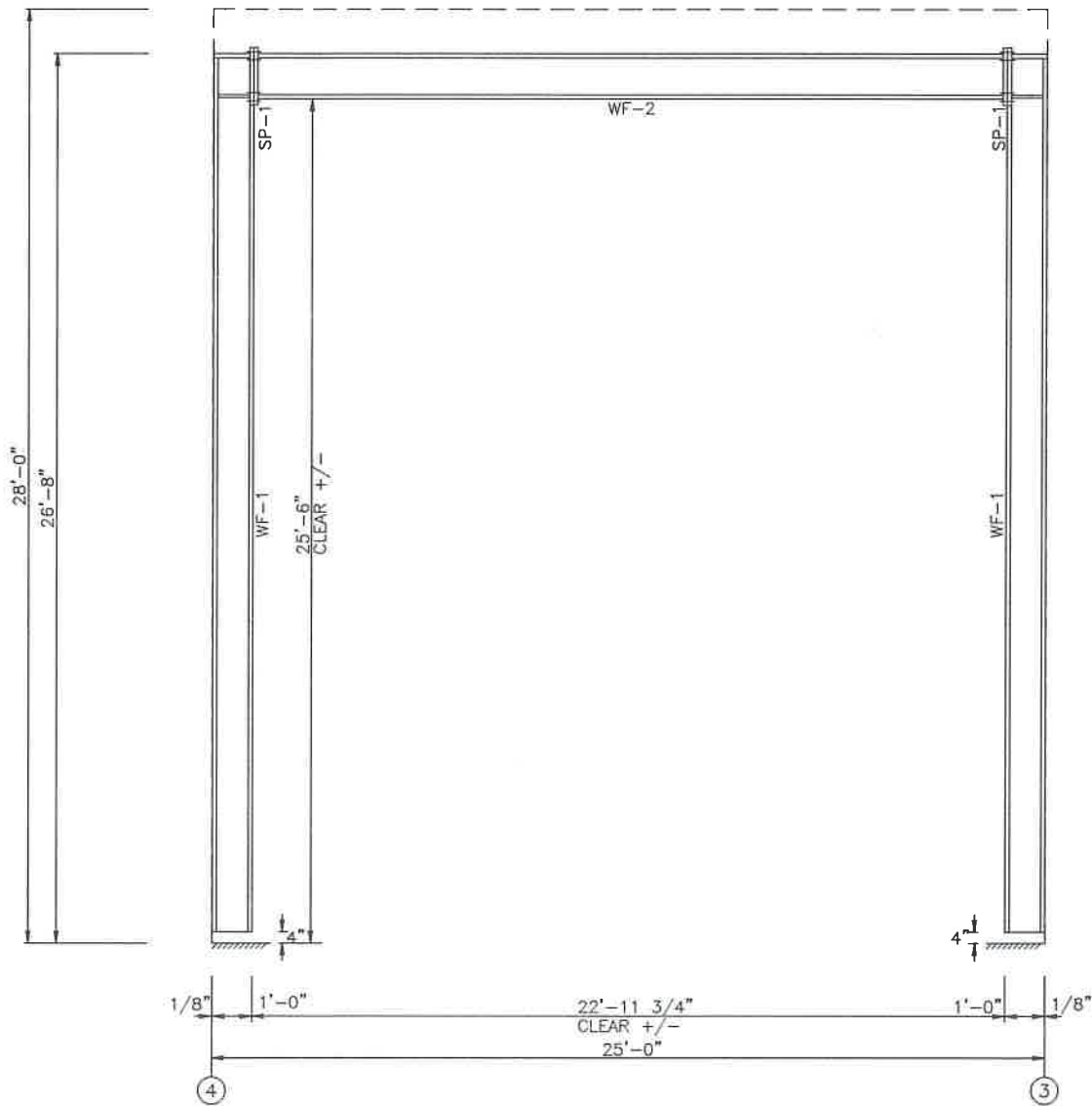
NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

6

ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: RIGID FRAME CROSS SECTION				
DRAWING NO: PAGE 2.1		DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE

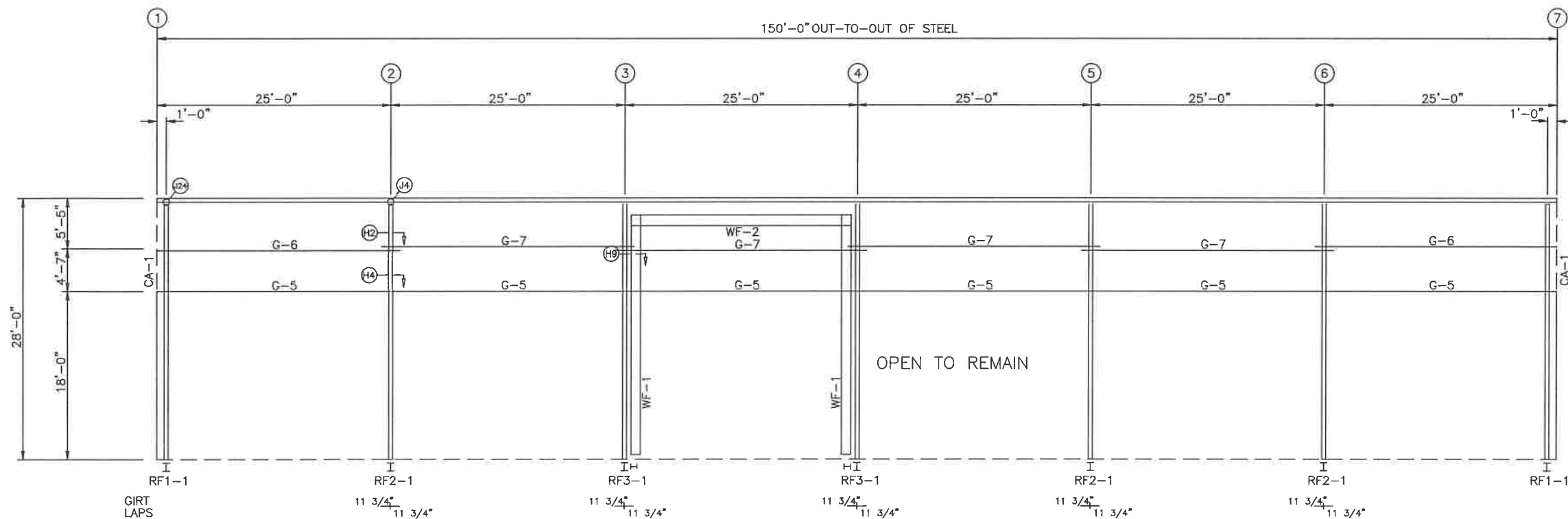
SPlice BOLTS					
Splice Mark	Quan	Top/ Bot	Type	Dia	Bolt Length
SP- 1	4	4	A325	7/8"	3"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
WF-2	B14663	22'-11"
WF-1	B12063	26'-4"

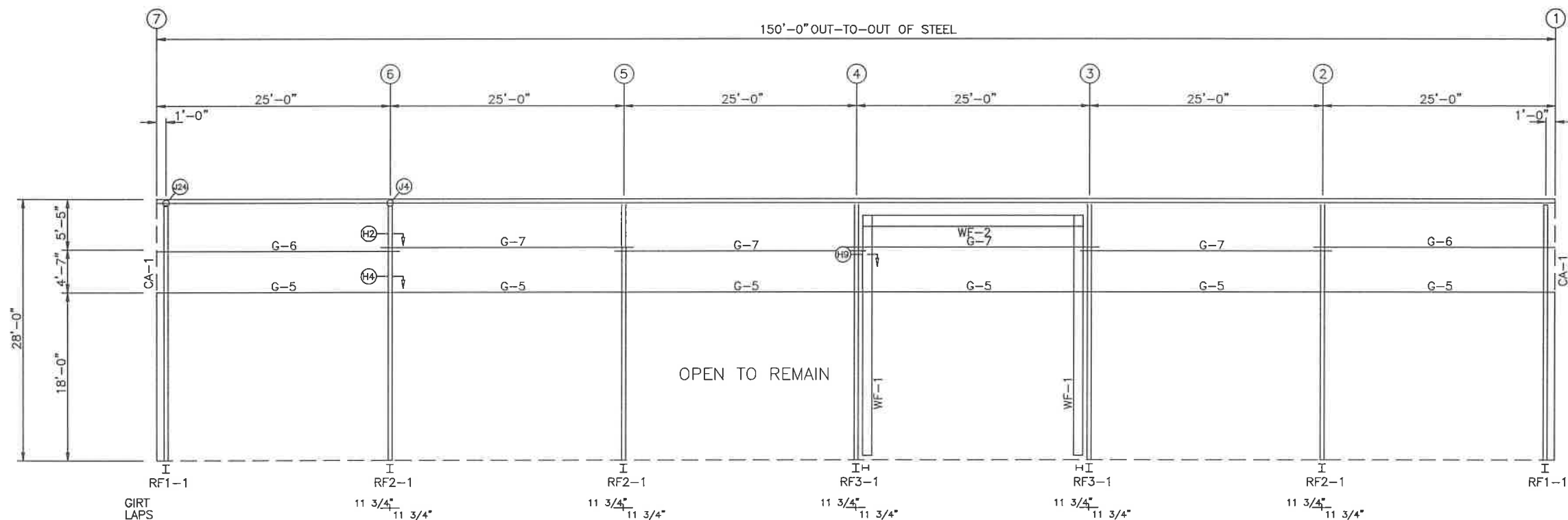


WIND BENT ELEVATION: FRAME LINE E

ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: RIGID FRAME CROSS SECTION				
DRAWING NO: PAGE 2.5	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE	



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL FRAMING: FRAME LINE E

BOLT TABLE				
FRAME LINE A & E				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - WF-2	8	A325	7/8"	3"
WF-1 - RF3-1	4	A325	5/8"	2"

MEMBER TABLE		
FRAME LINE A & E		
MARK	PART	LENGTH
WF-1	B12063	26'-4"
WF-2	B14663	22'-11"
G-5	8x25C16	24'-11" 1/2"
G-6	8x25Z16	25'-11" 1/2"
G-7	8x25Z16	26'-11" 1/2"

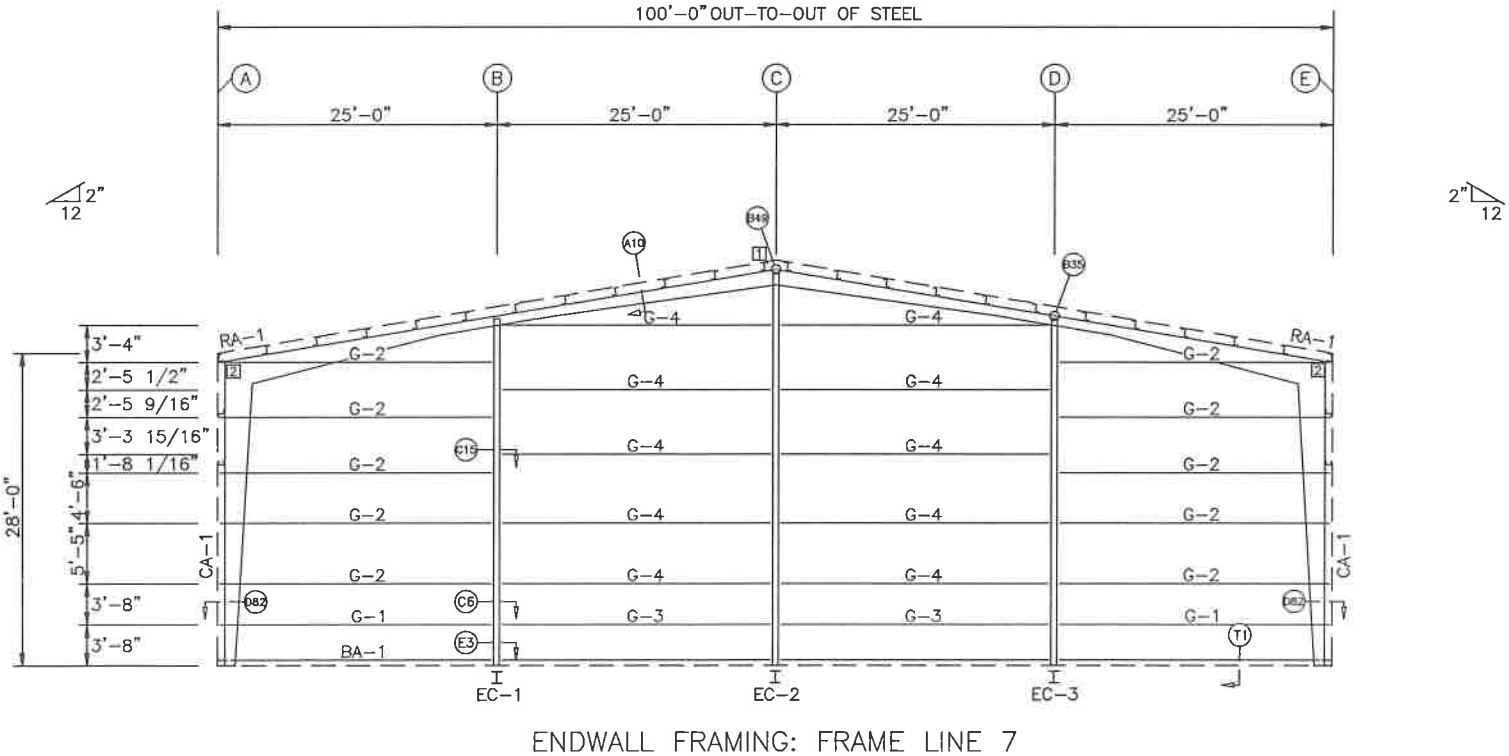
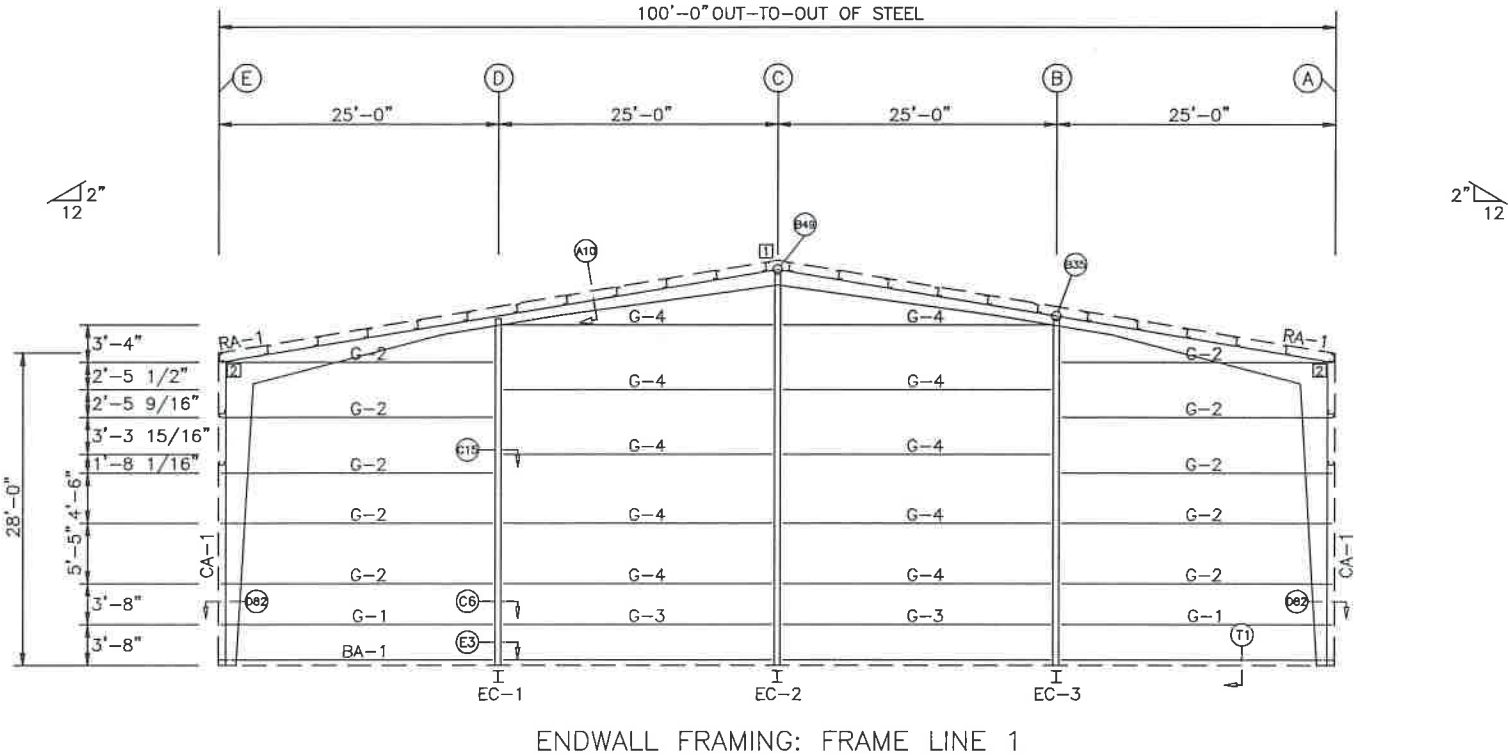
ALL VEHICULAR FRAMED OPENINGS SUPPLIED ON THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT WIND LOADS NORMAL TO A DOOR SYSTEM, BASED ON THE STANDARD BUILDING CODE CRITERIA. THE VEHICULAR FRAMED OPENING HAS NOT BEEN DESIGNED FOR ANY ADDITIONAL MOMENT OR CATENARY FORCE FROM THE DOOR SYSTEM. ANY CHANGES TO THE INFORMATION SHOWN HERE WOULD REQUIRE AN ENGINEERING INVESTIGATION AND POSSIBLE BUILDING REINFORCEMENT.

ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459	DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: SIDEWALL FRAMING LAYOUT			
DRAWING NO: PAGE 3	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE

BOLT TABLE				
FRAME LINE 1 & 7				
LOCATION	QUAN	TYPE	DIA	LENGTH
EC-1/FRAME	2	A325	5/8"	2"
EC-2/FRAME	10	A325	5/8"	2"
EC-3/FRAME	2	A325	5/8"	2"

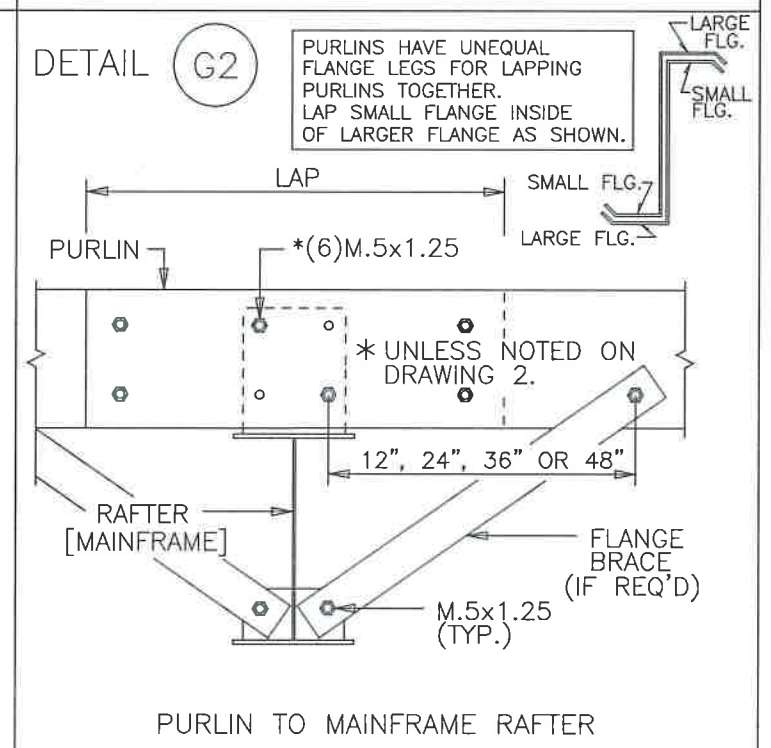
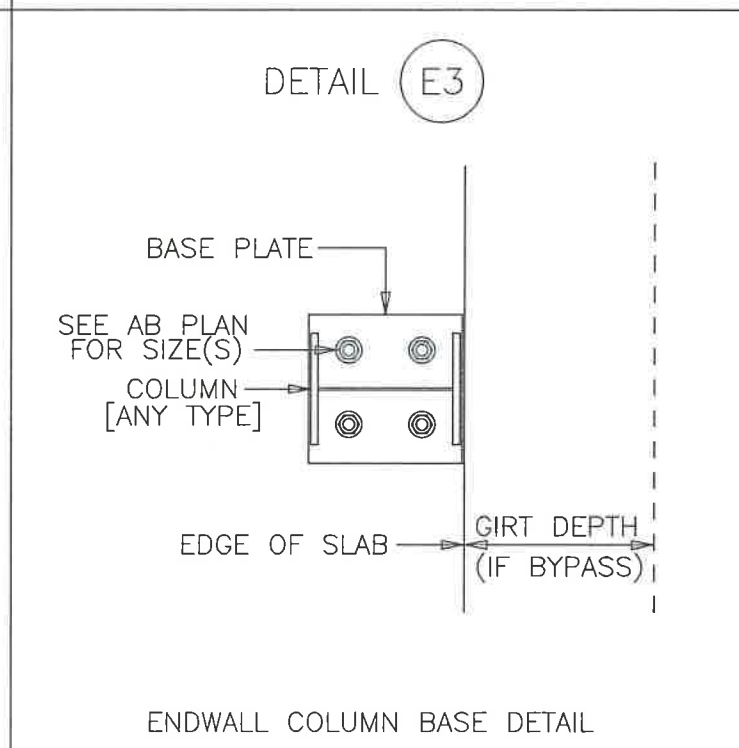
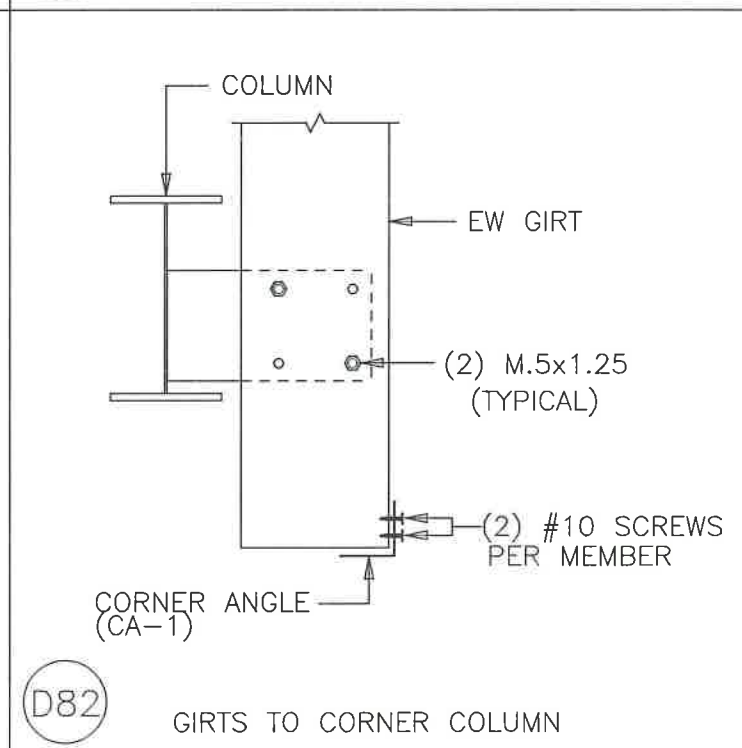
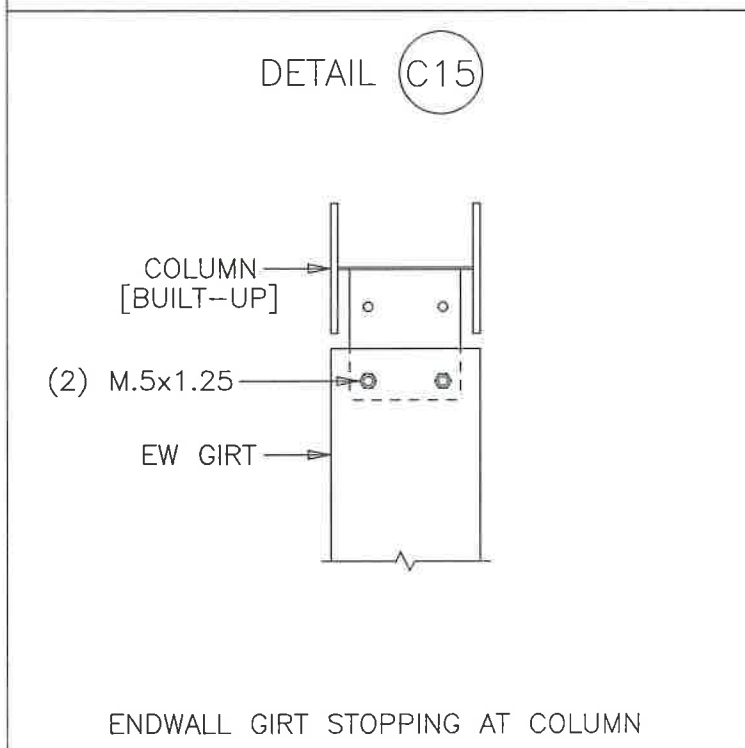
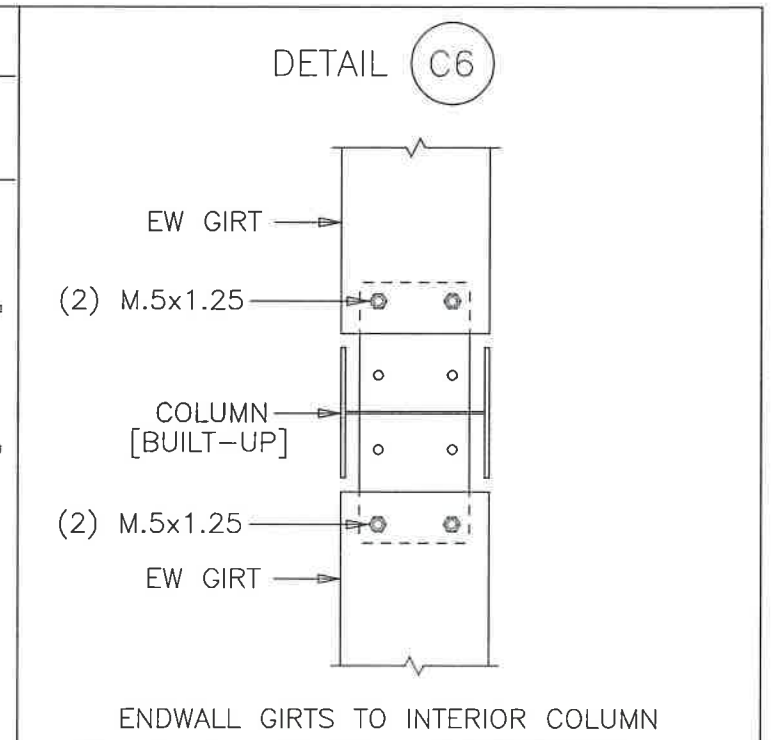
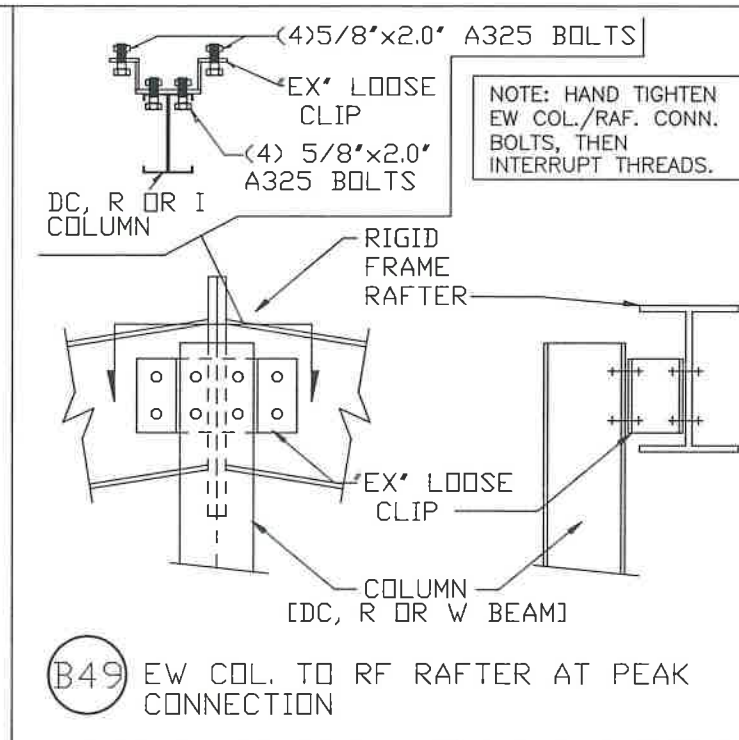
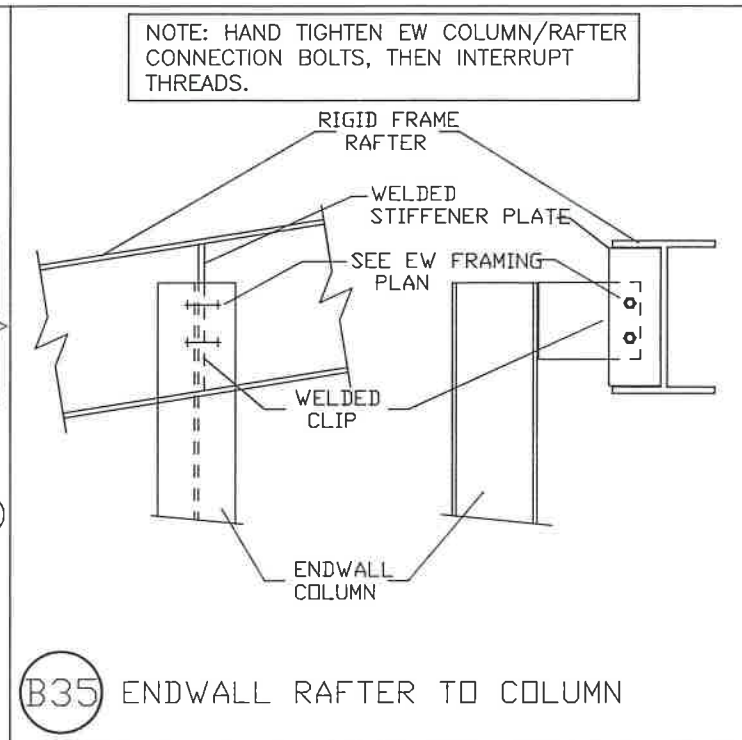
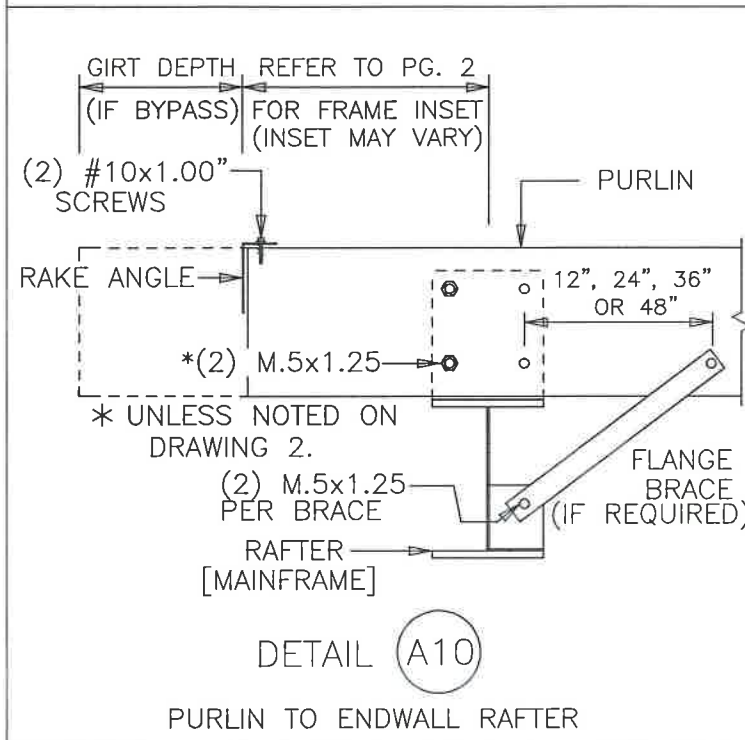
MEMBER TABLE		
FRAME LINE 1 & 7		
MARK	PART	LENGTH
EC-1	B08663	31'-2 5/16"
EC-2	W8X31	35'-4 5/16"
EC-3	B08663	31'-2 5/16"
G-1	8x25Z14	24'-7 1/2"
G-2	8x25Z12	24'-7 1/2"
G-3	8x25Z14	24'-3 1/2"
G-4	8x25Z12	24'-3 1/2"

CONNECTION PLATES	
FRAME LINE 1 & 7	
ID	MARK/PART
1	EX-1
2	SGC-1

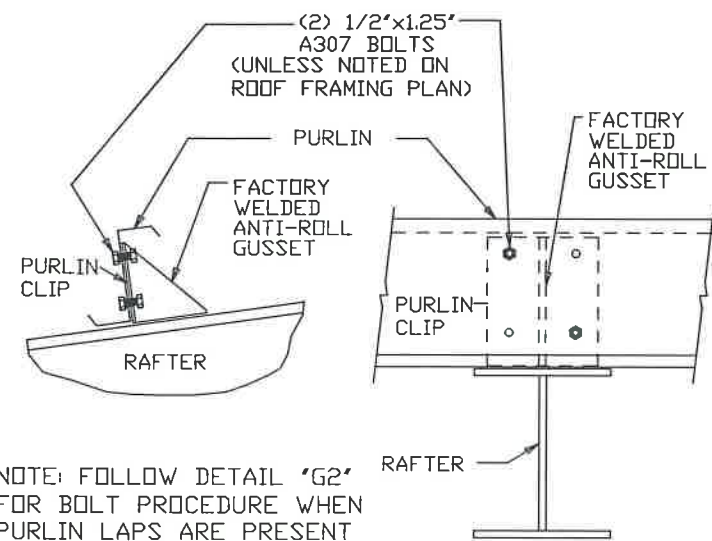


NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

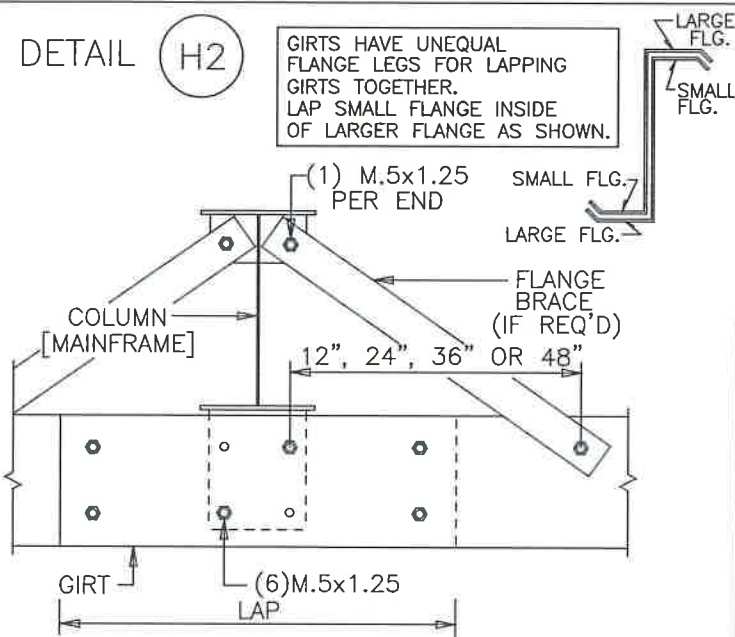
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ENDWALL FRAMING LAYOUT				
DRAWING NO: PAGE 4		DRAWN BY: CTW		CHECKED BY: SPW
				SCALE: NONE



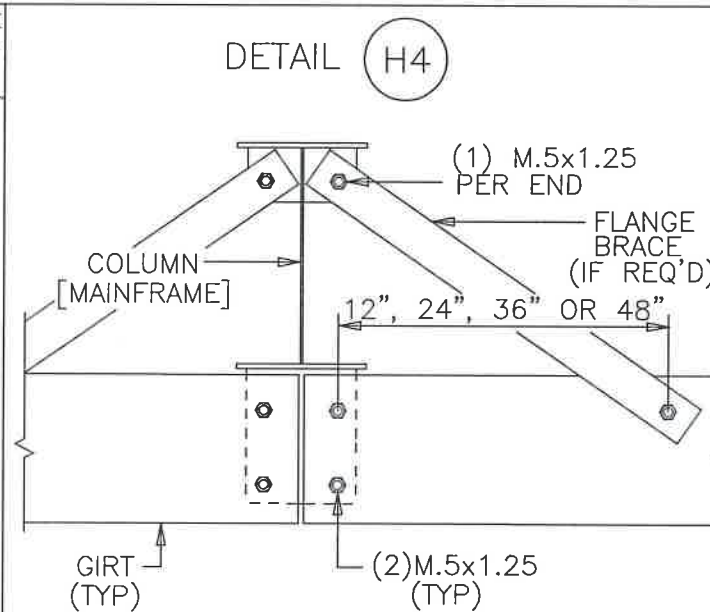
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5		DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE



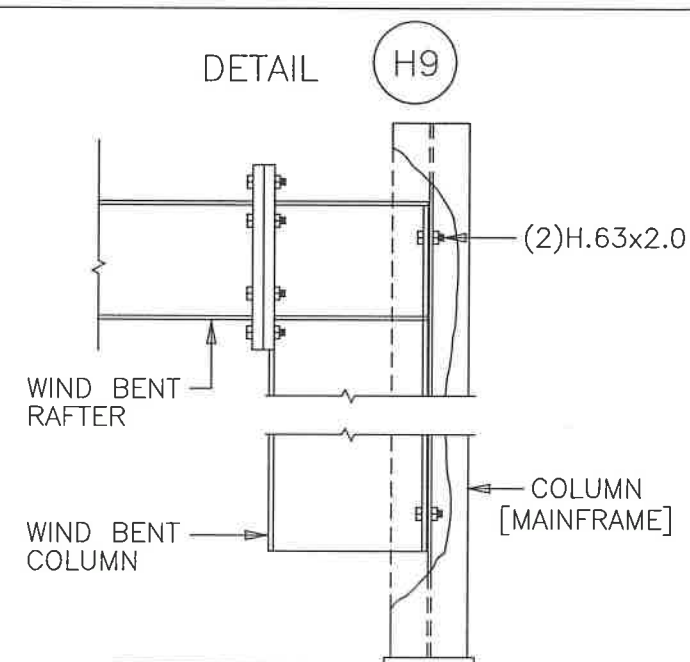
G26 WELDED ANTI-ROLL CLIP



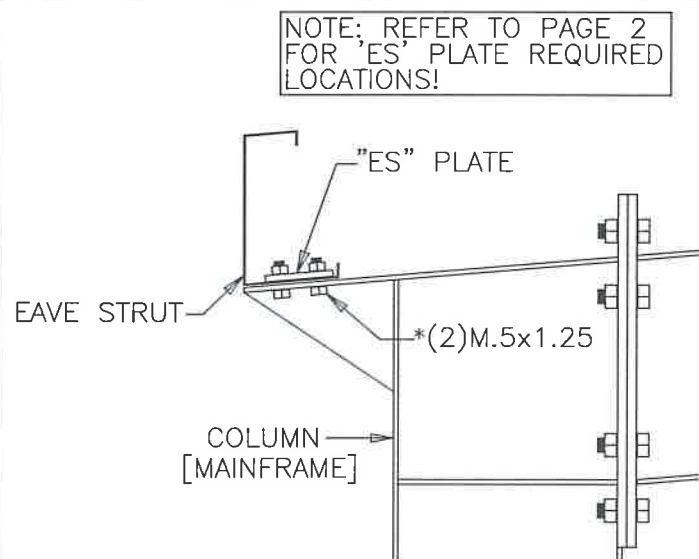
GIRT TO MAINFRAME COLUMN



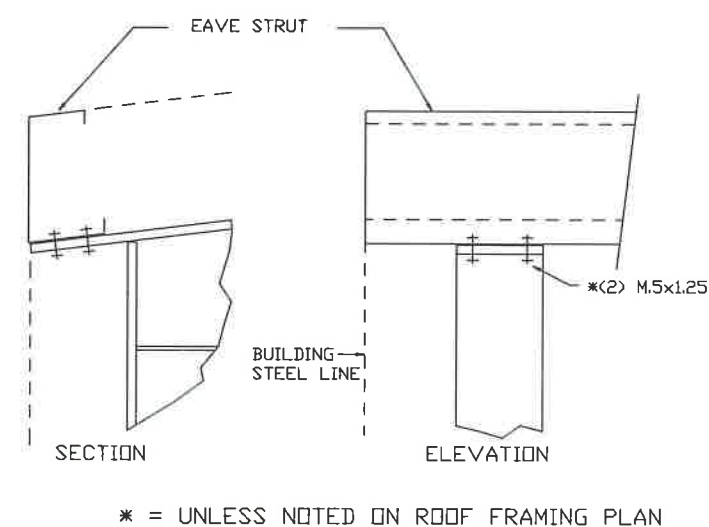
GIRT TO MAINFRAME COLUMN



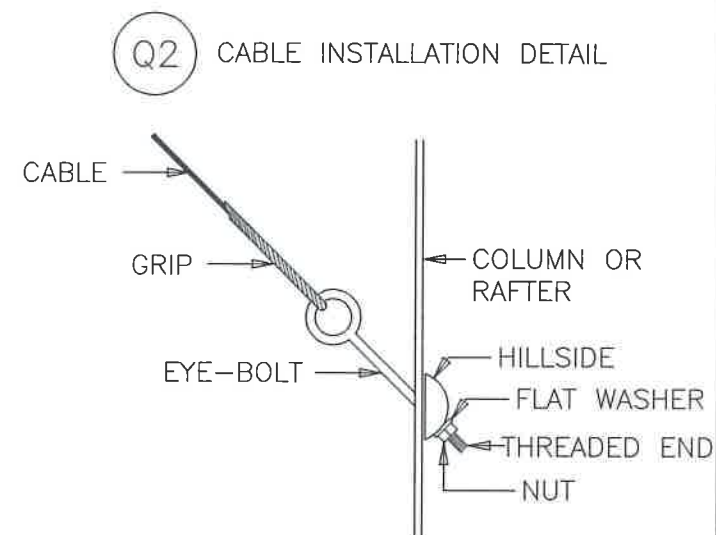
WIND BENT DETAIL



J4 EAVE STRUT CONNECTION AT MAINFRAME



J24 EAVE STRUT TO RIGID FRAME

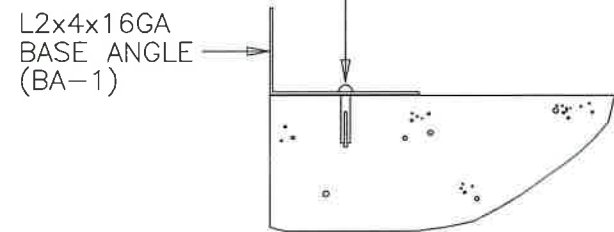


NOTE: WHEN FLUSH GIRTS/PURLINS ARE USED, FIELD SLOT GIRT OR PURLIN AS REQ'D FOR CABLE/ROD PASSAGE THROUGH PURLIN/GIRT.

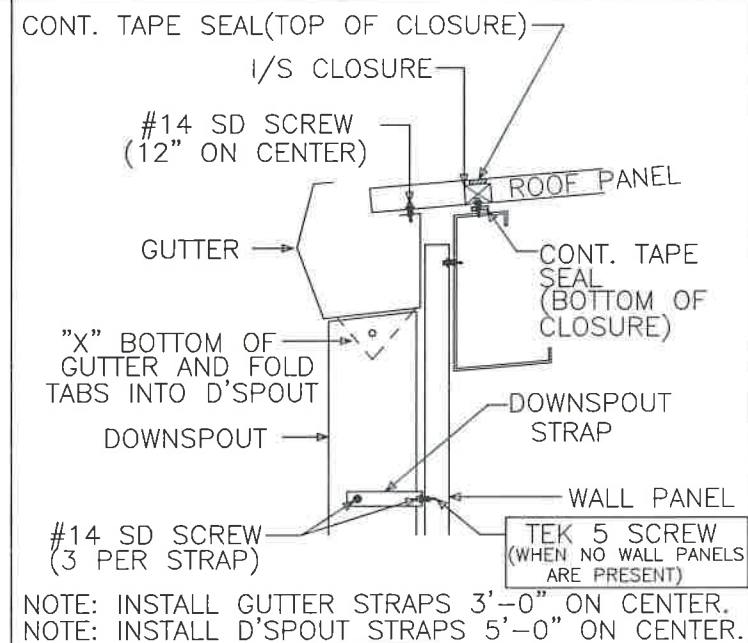
ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459		DATE: 2/ 6/24	
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: FRAMING DETAILS			
DRAWING NO: PAGE 5.1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE

DETAIL T1

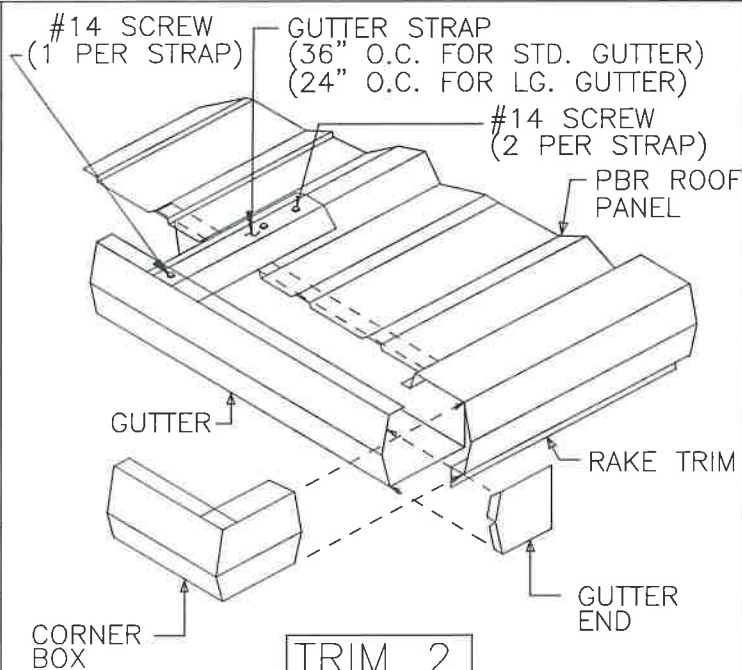
1/4" x 1 1/4" ZINC HAMMER DRIVES
ZAMAK ALLOY (ASTM B633, SC1, TYPE III)
(24" ON CENTER)



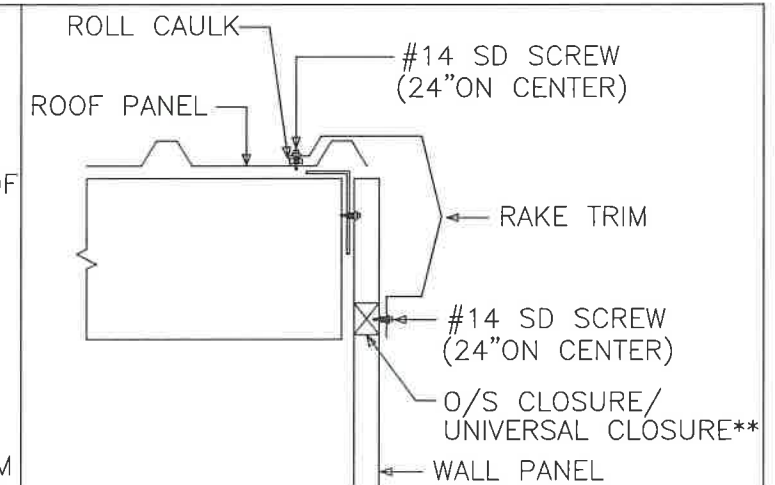
BASE ANGLE DETAIL



TRIM_1
GUTTER DETAIL

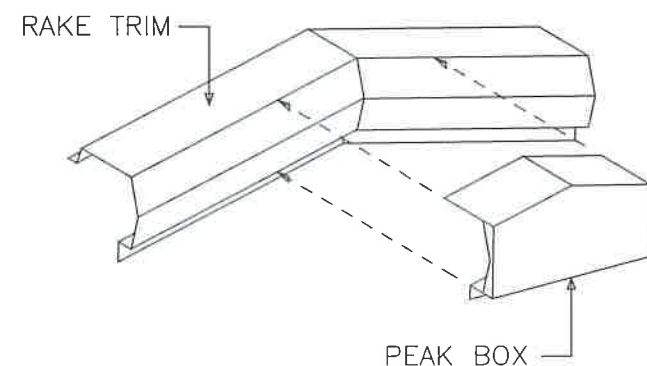


TRIM_2
GUTTER END DETAIL

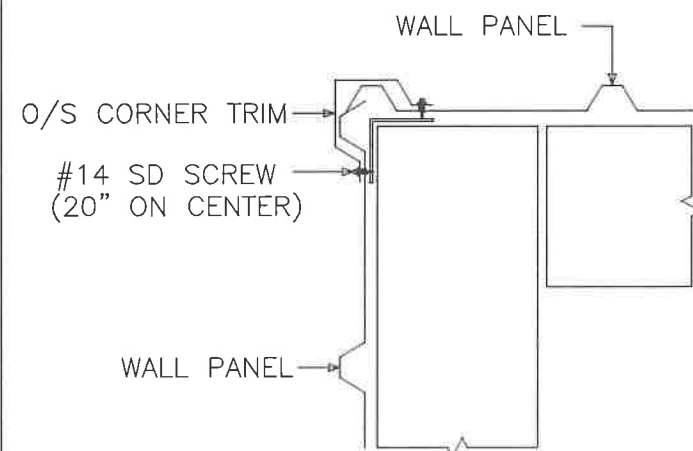


** - O/S CLOSURE FOR ROOF PITCHES UP TO 2:12"
UNIVERSAL CLOSURE FOR ROOF PITCHES ABOVE 2:12"
NOTE: FIELD CUT UNIVERSAL CLOSURES TO MATCH WALL PANEL PROFILE (ON PITCH).

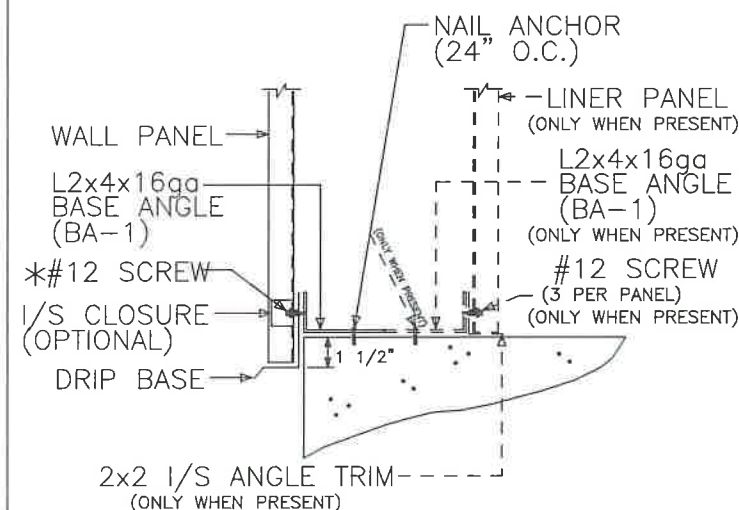
TRIM_3
RAKE TRIM DETAIL



TRIM_4
PEAK BOX DETAIL

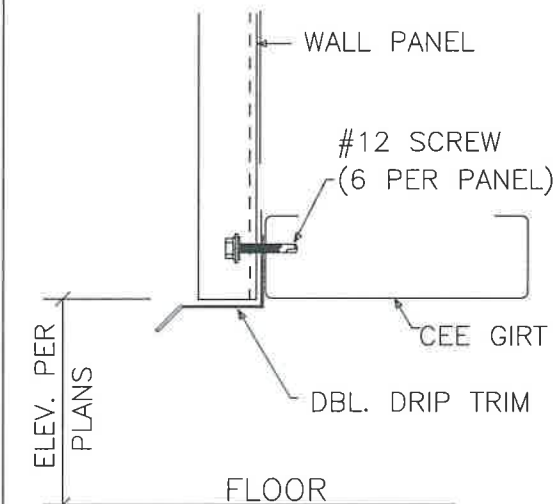


TRIM_5
O/S CORNER DETAIL



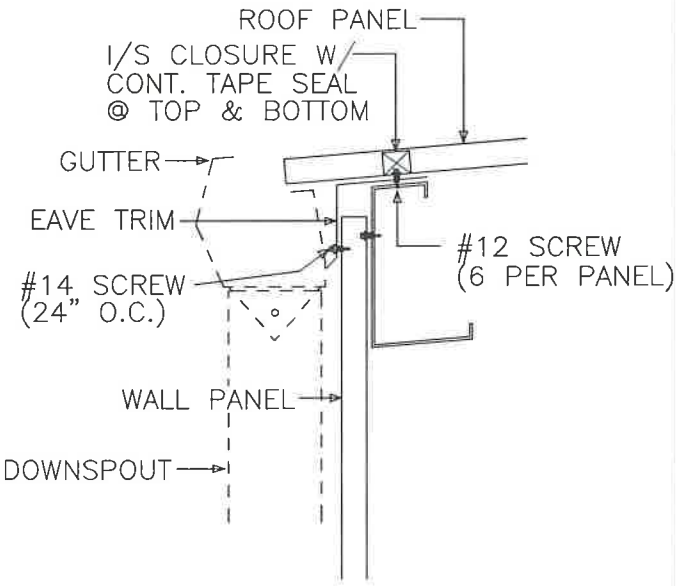
* = 6 PER PANEL FOR STANDARD PBR
3 PER PANEL FOR REV. ROLLED PBR

TRIM_16
BASE TRIM DETAIL

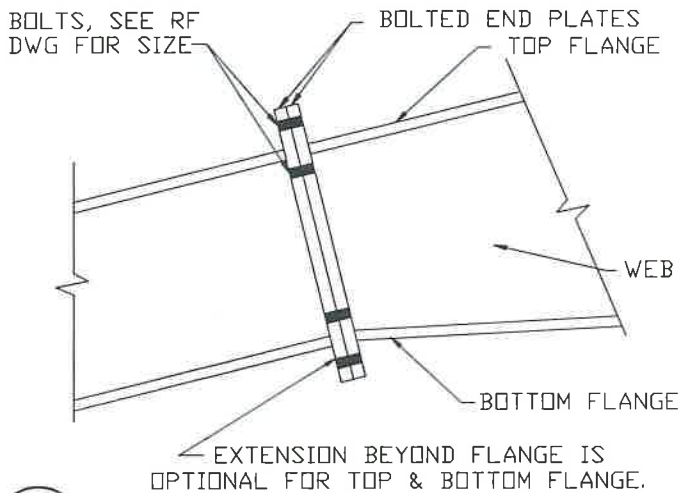


TRIM_22
DOUBLE DRIP TRIM DETAIL
(PARTIAL WALL; CLEAR OPENING)

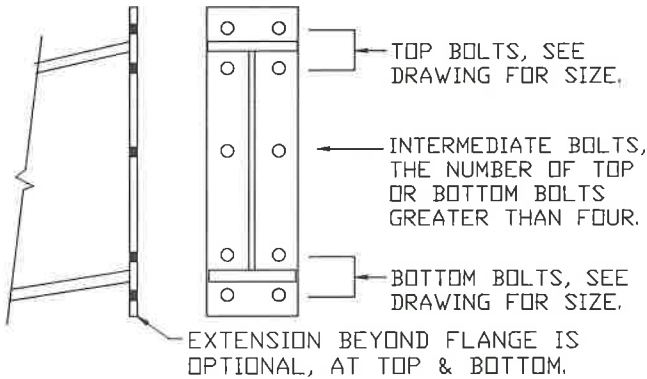
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: FRAMING DETAILS				
DRAWING NO: PAGE 5.2		DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE



TRIM_120
EAVE/GUTTER TRIM DETAIL



U1 BOLTED END PLATE RAFTER SPLICE



BOLTED END PLATE CONNECTION

STRUCTURAL BOLTED CONNNECTIONS

REFER TO COVER PAGE "GENERAL NOTES" PARAGRAPH "C", SECTION "9" FOR INSTRUCTIONS ON TIGHTENING ALL A325 AND A490 CONNECTION BOLTS.

TRIM NOTES:

- [1] SEAL TRIM SPLICES WITH TUBE CAULK.
- [2] SECURE GUTTER SPLICES AND END PLUGS WITH RIVETS.
- [3] SECURE ALL OTHER ROOF TRIM SPLICES WITH TRIM SCREWS UNLESS NOTED OTHERWISE.
- [4] TRIM SCREWS ARE LOCATED 24" ON CENTER UNLESS NOTED OTHERWISE.
- [5] STD. TRIM SPLICES ARE 3" TOTAL UNLESS NOTED OTHERWISE.

MORTISE PREPPED PERSONNEL DOORS

ALL MORTISE PREPPED PERSONNEL DOORS COME AS RIGHTHAND REVERSED SWING.

(i.e. STANDING ON THE OUTSIDE OF THE BUILDING FACING THE DOOR, THE LOCK WILL BE ON THE LEFTHAND SIDE OF THE DOOR AND THE DOOR WILL SWING OUTWARD FROM THE BUILDING.)

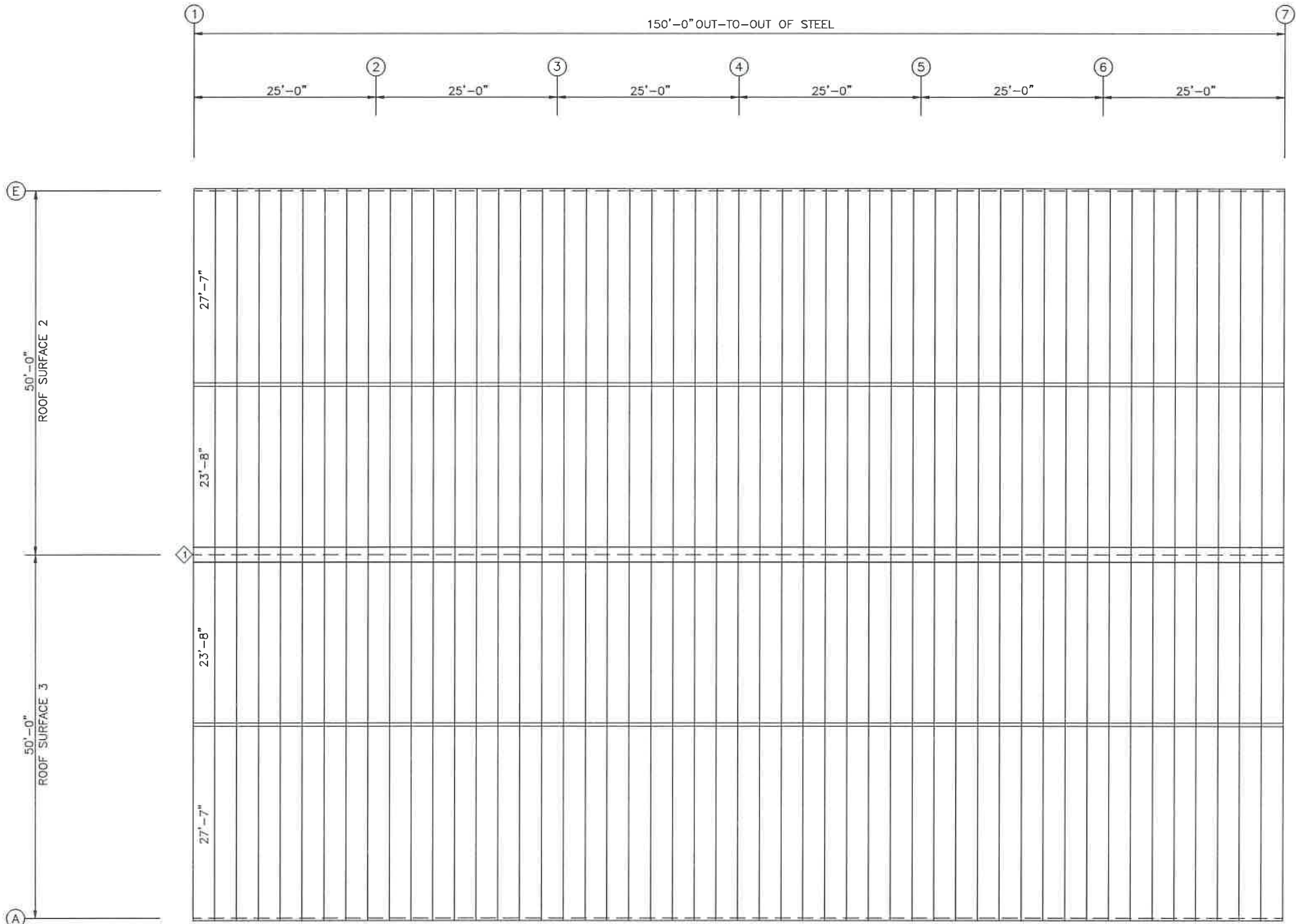
ANY FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE ERECTOR AND MBM IS NOT LIABLE FOR LABOR CHARGES NOR DAMAGES DUE TO ERROR.

BUILT-UP MEMBER LEGEND

BEAM TYPE	BEAM DEPTH	FLANGE WIDTH	FLANGE THK.	WEB THK.
B	08	5	4	1
B= BUILT-UP	08= 8" 10= 10" 12= 12" 14= 14" ETC.	5,6,8,10 OR 12 (INCHES)	MEASURED IN 16ths. (4= 1/4", 5= 5/16" ETC.)	1= 10ga 3= 3/16" ETC.

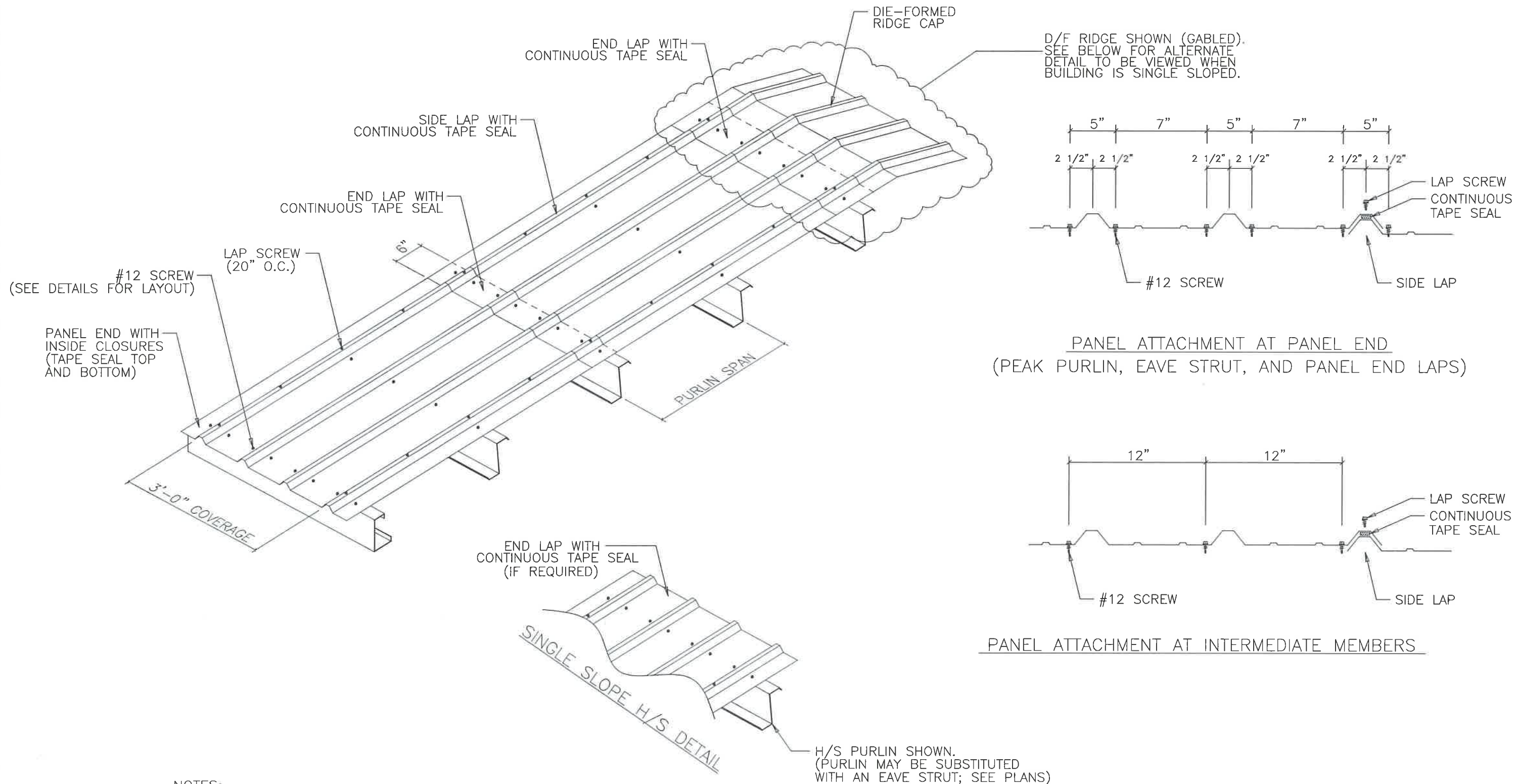
ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459		DATE: 2/ 6/24	
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: FRAMING DETAILS			
DRAWING NO: PAGE 5.3	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE

TRIM TABLE		
ROOF PLAN		
◇ID	PART	LENGTH
1	D/F CAP6	3'-0"



ROOF SHEETING PLAN
PANELS: 26 GA. PBR - GALVALUME

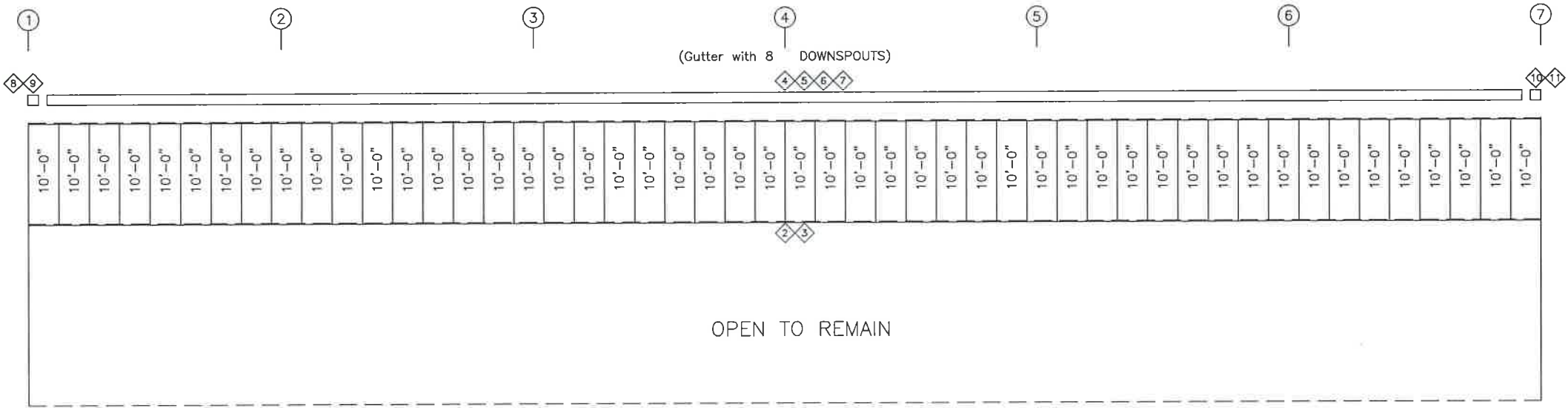
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER:				
TOWN HOMES LLC.				
JOB NO:		DATE:		
8459		2/ 6/24		
LOCATION:				
LAKE CITY, FL 32025				
DRAWING NAME:				
ROOF PANELS & TRIM				
DRAWING NO:		DRAWN BY:		CHECKED BY:
PAGE 6		CTW		SPW
				SCALE:
				NONE



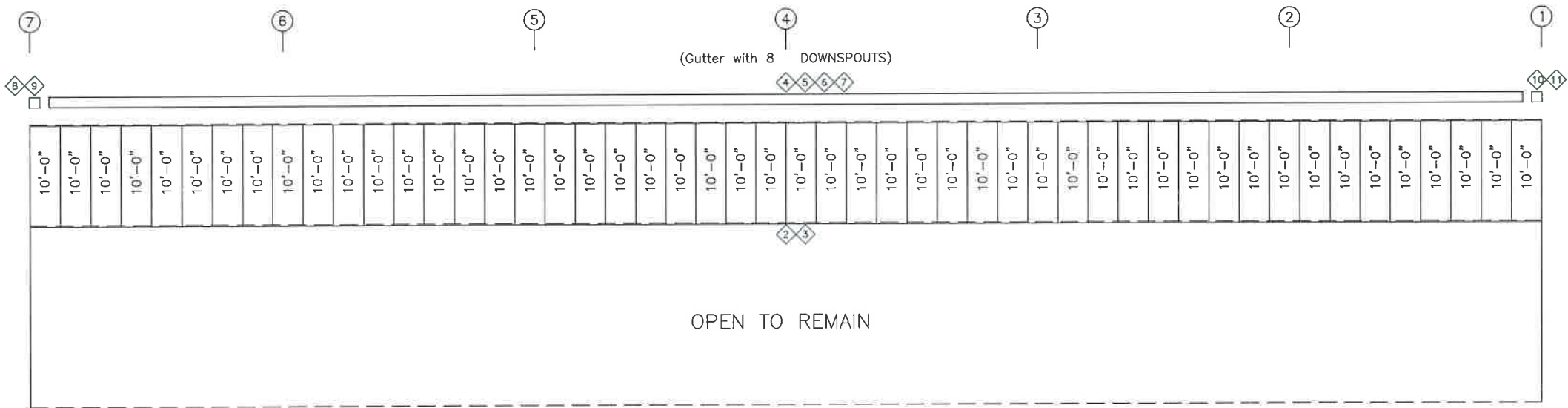
NOTES:

- [1] ALL END LAPS MUST BE A MINIMUM OF 6".
- [2] METAL SHAVINGS MUST BE SWEEPED FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [3] TAPE SEAL MUST BE APPLIED WITH NO GAPS OR BREAKS.
- [4] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE PURLINS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459		DATE: 2/ 6/24	
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: ROOF PANEL DETAILS			
DRAWING NO: PAGE 6.1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE



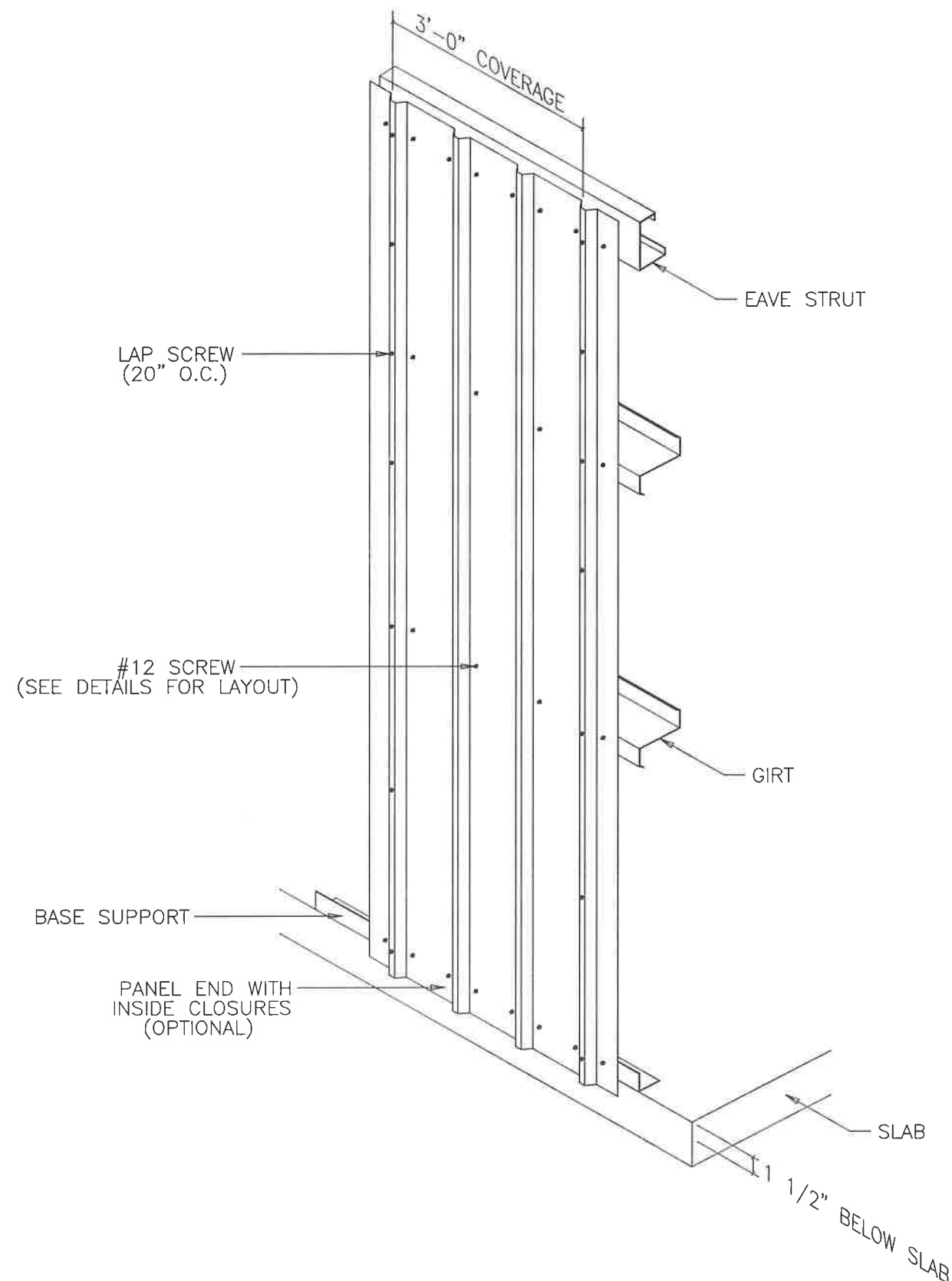
SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 GA. PBR - COLOR



SIDEWALL SHEETING & TRIM: FRAME LINE E
PANELS: 26 GA. PBR - COLOR

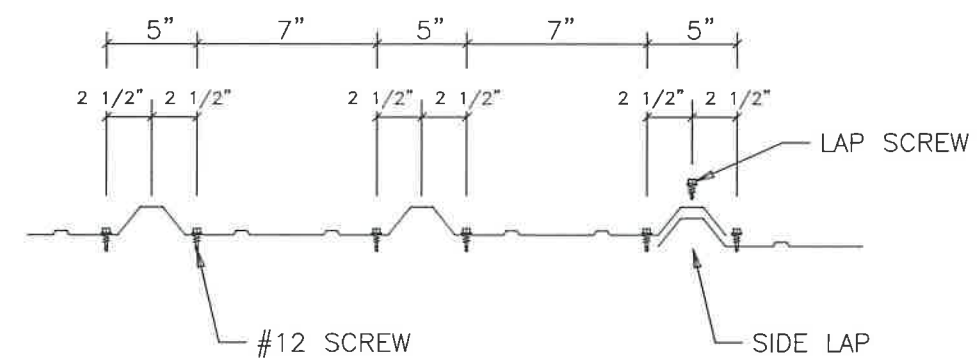
TRIM TABLE			
FRAME LINE A & E			
ID	PART	LENGTH	DETAIL
2	DBLBASTR	20'-3"	TRIM_22
3	DBLBASTR	10'-3"	TRIM_22
4	GUTTER	20'-3"	TRIM_1
5	GUTTER	10'-3"	TRIM_1
6	EAVE TRM	20'-3"	TRIM_120
7	EAVE TRM	10'-3"	TRIM_120
8	GUTEND L	1"	TRIM_2
9	CORBOX L	1'-0"	TRIM_2
10	GUTEND R	1"	TRIM_2
11	CORBOX R	1'-0"	TRIM_2

ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER:				
TOWN HOMES LLC.				
JOB NO:		DATE:		
8459		2/ 6/24		
LOCATION:				
LAKE CITY, FL 32025				
DRAWING NAME:				
SIDEWALL PANELS & TRIM				
DRAWING NO:		CHECKED BY:		SCALE:
PAGE 7		CTW		NONE

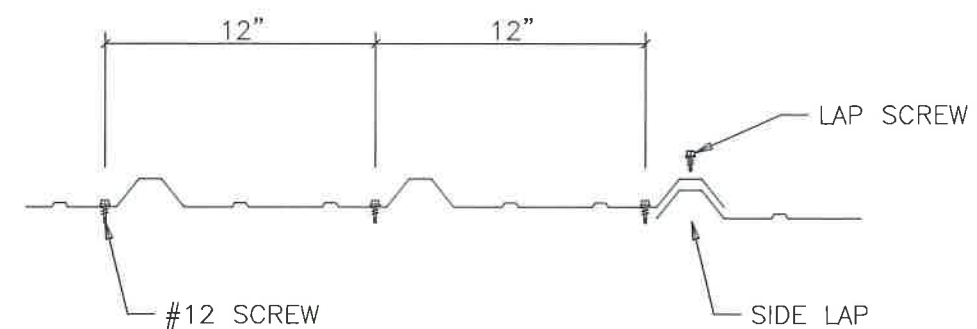


NOTES:

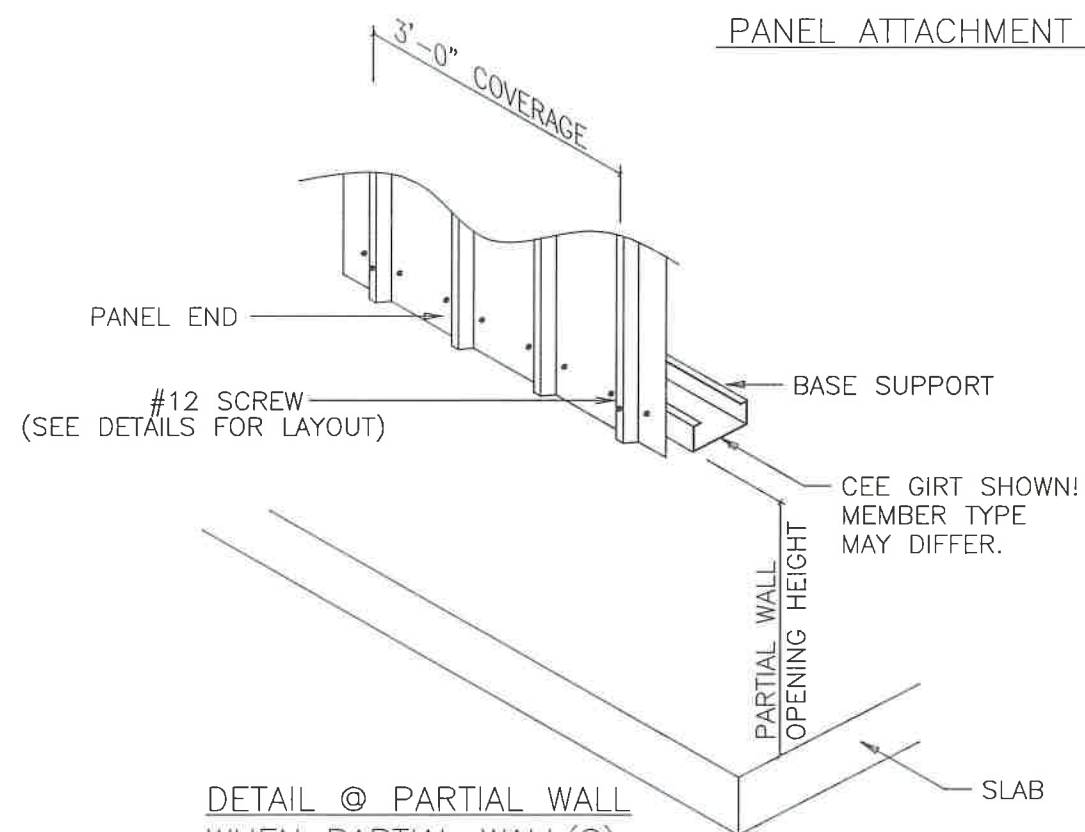
- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.



PANEL ATTACHMENT AT PANEL END
(BASE, EAVE STRUT, HEADER, SILL, AND PANEL END LAPS)



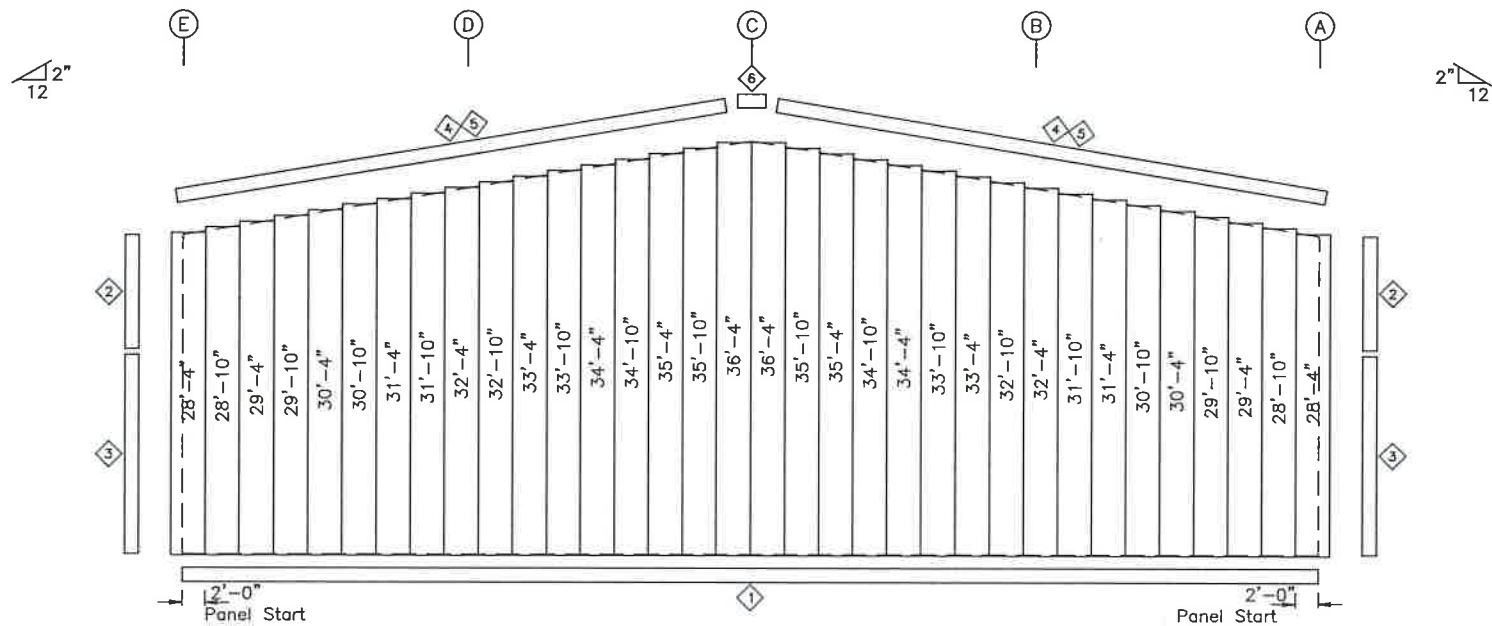
PANEL ATTACHMENT AT INTERMEDIATE MEMBERS



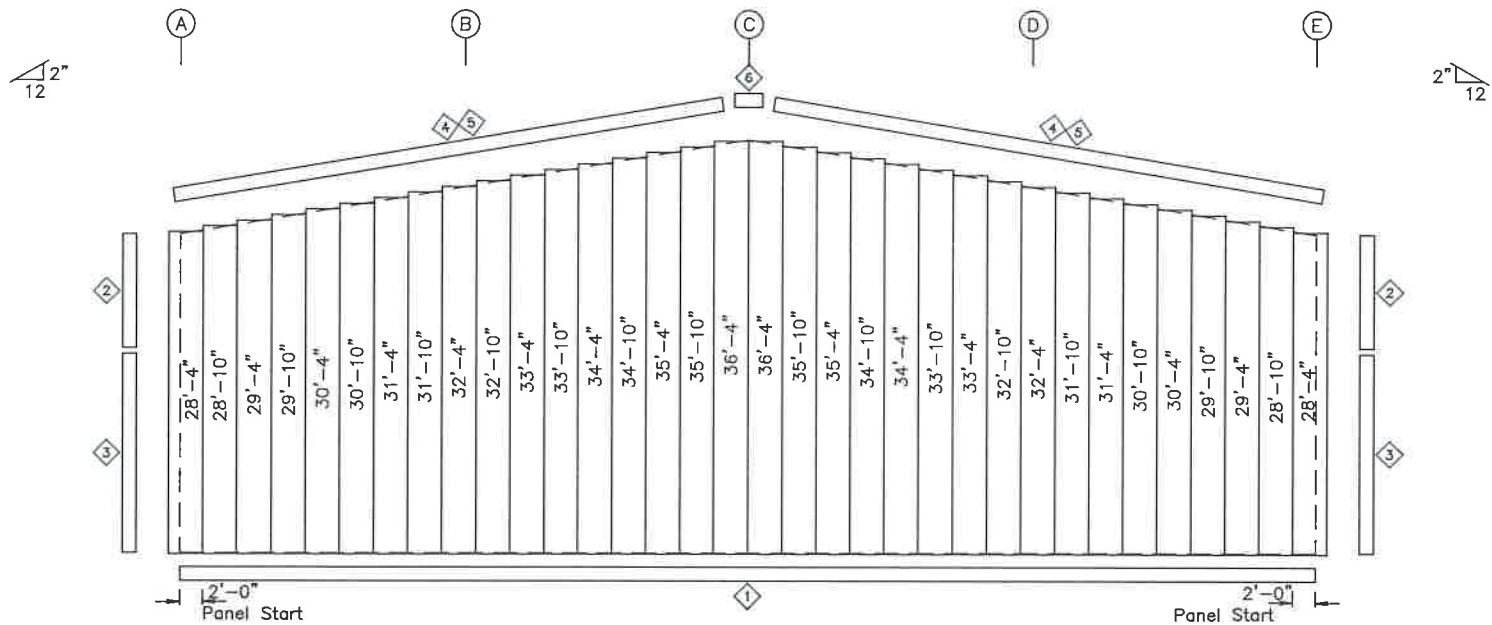
DETAIL @ PARTIAL WALL
WHEN PARTIAL WALL(S)
ARE PRESENT

ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459		DATE: 2/ 6/24	
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: SIDEWALL PANEL DETAILS			
DRAWING NO: PAGE 7.1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NON

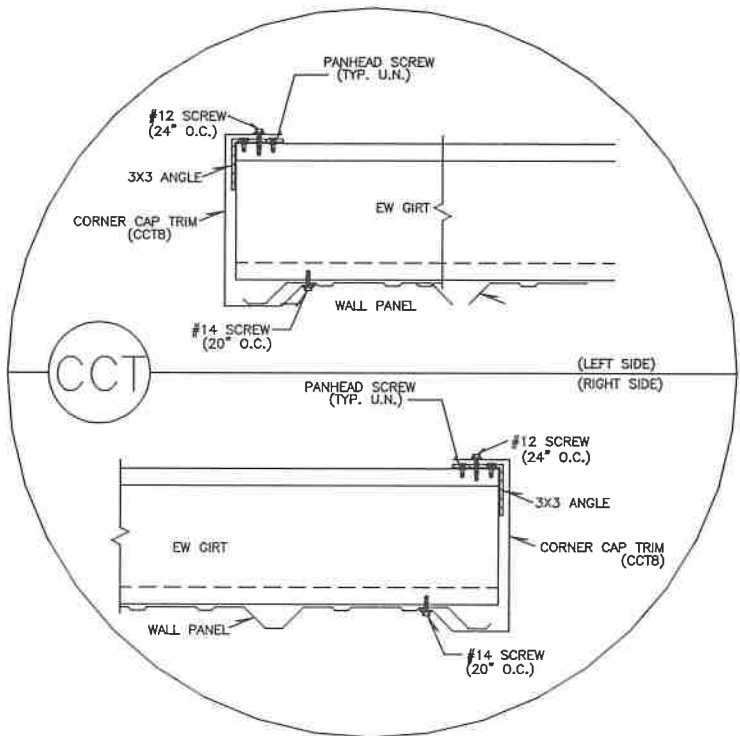
TRIM TABLE FRAME LINE 1 & 7			
ID	PART	LENGTH	DETAIL
1	DRIP BASE	20'-3"	TRIM_16
2	O/S CORN	10'-2"	TRIM_5
3	CCT8	18'-2"	CCT
4	RAKE TRM	20'-3"	TRIM_3
5	RAKE TRM	10'-9"	TRIM_3
6	PEAK BOX	1'-4"	TRIM_4



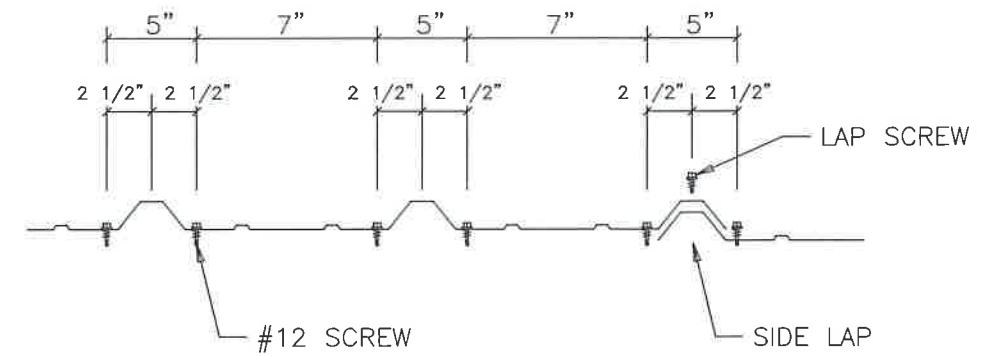
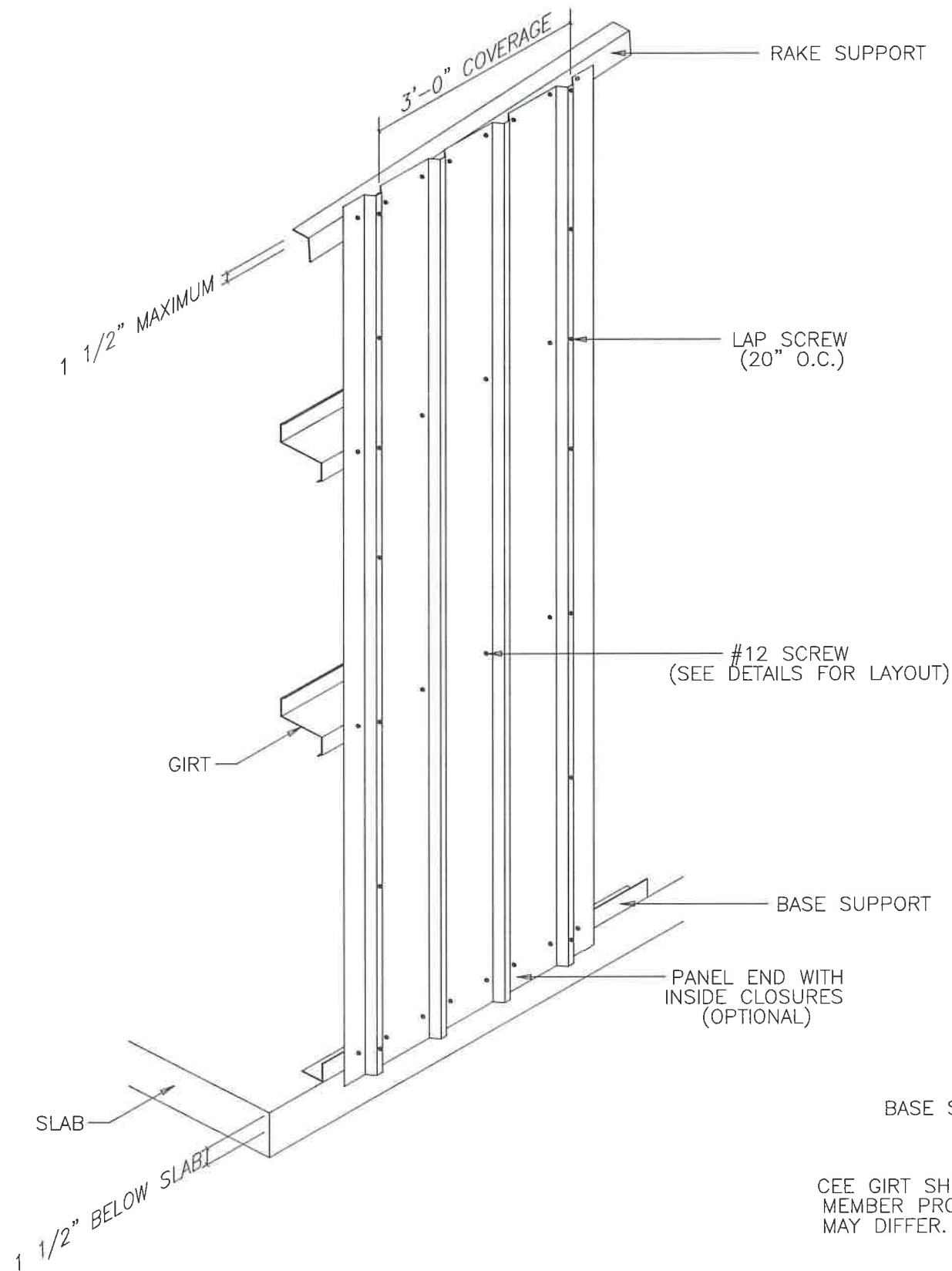
ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 GA. PBR - COLOR



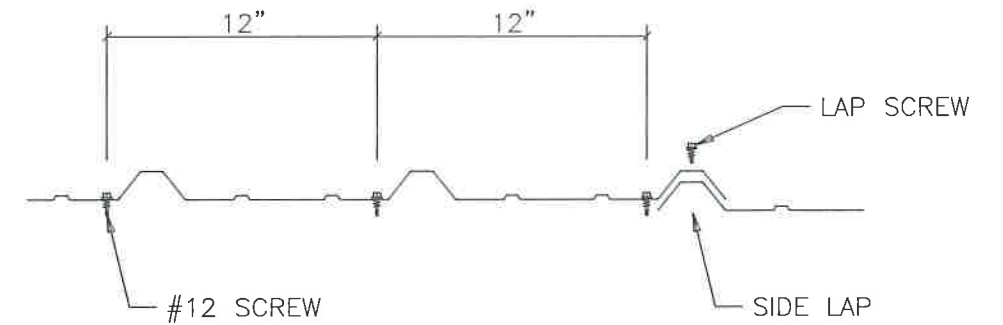
ENDWALL SHEETING & TRIM: FRAME LINE 7
PANELS: 26 GA. PBR - COLOR



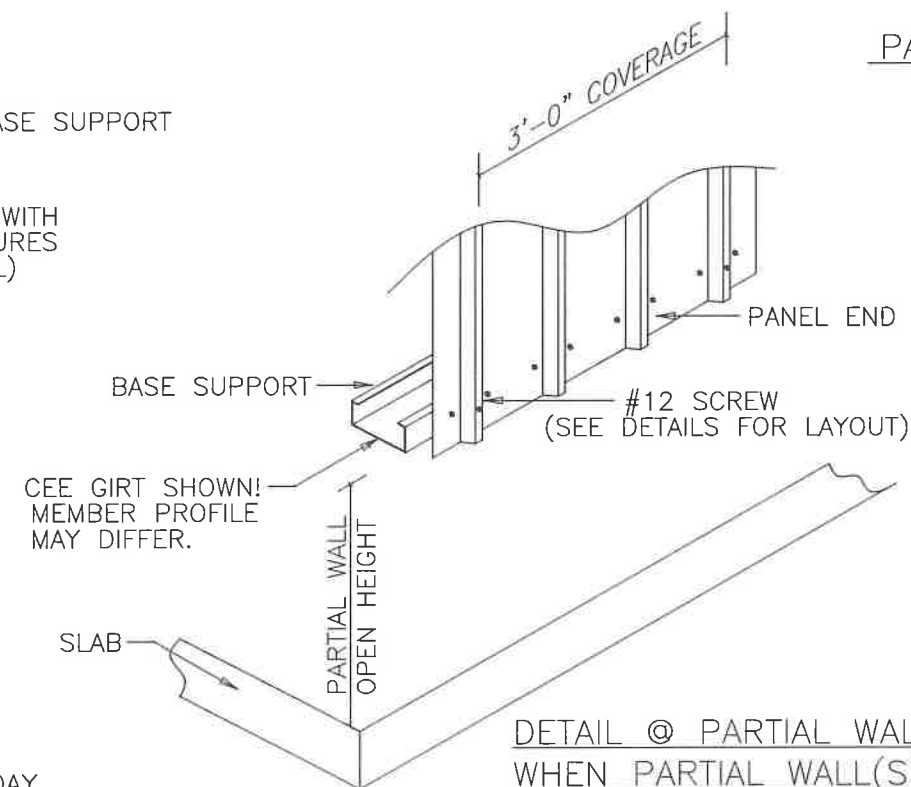
ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459		DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: ENDWALL PANELS & TRIM				
DRAWING NO: PAGE 8	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE	



PANEL ATTACHMENT AT PANEL END
(BASE, EAVE STRUT, HEADER, SILL, AND PANEL END LAPS)



PANEL ATTACHMENT AT INTERMEDIATE MEMBERS

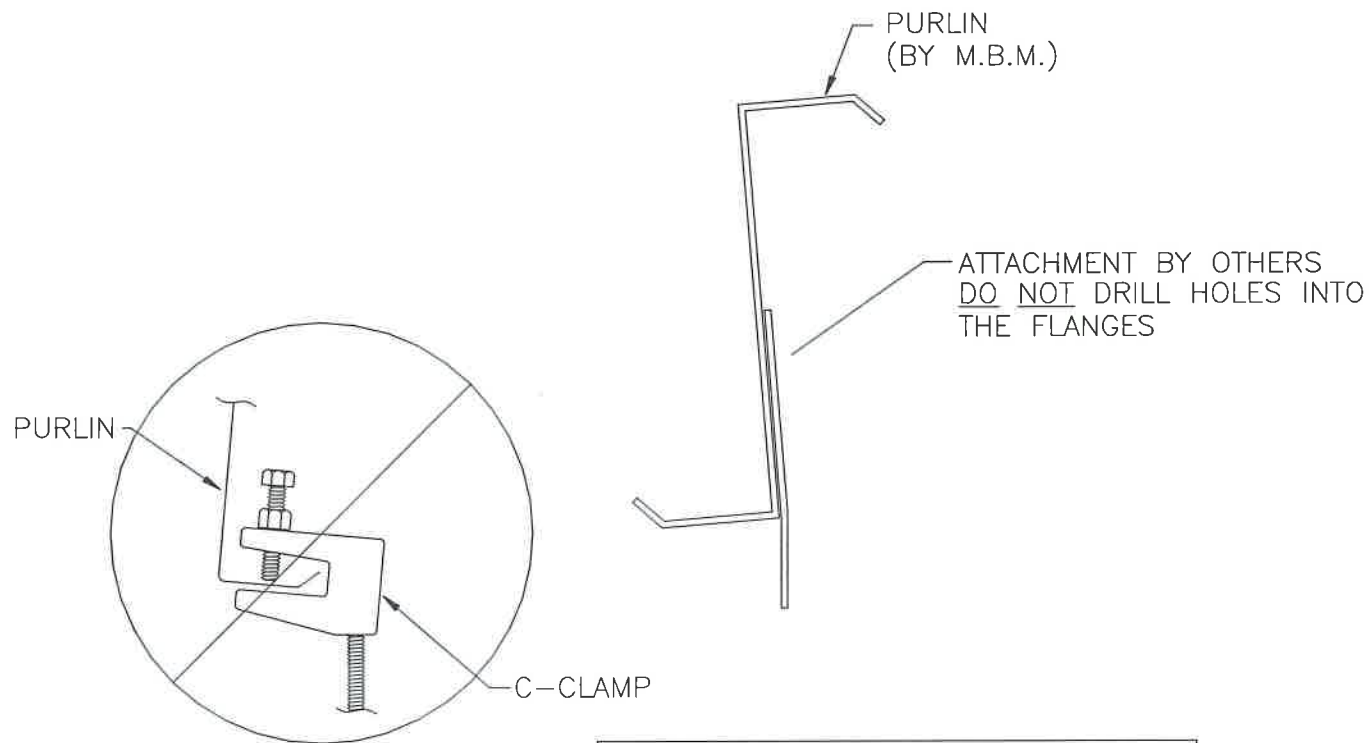


DETAIL @ PARTIAL WALL
WHEN PARTIAL WALL(S)
ARE PRESENT

NOTES:

- [1] METAL SHAVINGS MUST BE SWEEPED FROM THE WALL EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING.
- [2] #12 SCREWS ARE USED TO ATTACH THE PANEL TO THE GIRTS. #14 LAP SCREWS ARE USED AT THE PANEL-TO-PANEL ATTACHMENTS. ALL FASTENERS ARE SELF-DRILLING.

ISSUE	DET	CHK	DATE
BUILDINGS AND MORE			
CUSTOMER: TOWN HOMES LLC.			
JOB NO: 8459	DATE: 2/ 6/24		
LOCATION: LAKE CITY, FL 32025			
DRAWING NAME: ENDWALL PANEL DETAILS			
DRAWING NO: PAGE 8.1	DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE



NOTE: M.B.M. only provides the roof purlin. All other material and hardware is by others.

Recommended Connection Detail

NOTE

MANY FACTORS BEYOND THE CONTROL OF THE METAL BUILDING SUPPLIER AFFECT THE ABILITY OF A PURLIN TO SAFELY SUPPORT HANGING LOADS COMBINED WITH OTHER REQUIRED ROOF LOADS. DUE TO THE VARIABLES INVOLVED IN HANGING LOADS AND THEIR ATTACHMENTS TO THE PURLINS, THE METAL BUILDING SUPPLIER CANNOT ASSURE THAT THE PURLINS FOR A PARTICULAR BUILDING PROJECT CAN SAFELY SUPPORT THE MAXIMUM ALLOWABLE HANGING LOADS IN COMBINATION WITH OTHER ROOF LOADS.

IT IS THE RESPONSIBILITY OF THE HANGER SYSTEM INSTALLER TO COORDINATE WITH THE ENGINEER OF RECORD FOR THE OVERALL PROJECT TO ENSURE A SAFE HANGING LOAD INSTALLATION. THE METAL BUILDING ENGINEER IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT. WITHOUT SPECIFIC CERTIFICATION FOR INDIVIDUAL HANGING LOADS, THE NET EFFECTS OF APPLIED HANGER LOADS INSTALLED ON A PARTICULAR PURLIN SHALL NOT EXCEED THE NET EFFECTS OF THE CERTIFIED UNIFORMLY APPLIED DESIGN COLLATERAL LOAD.

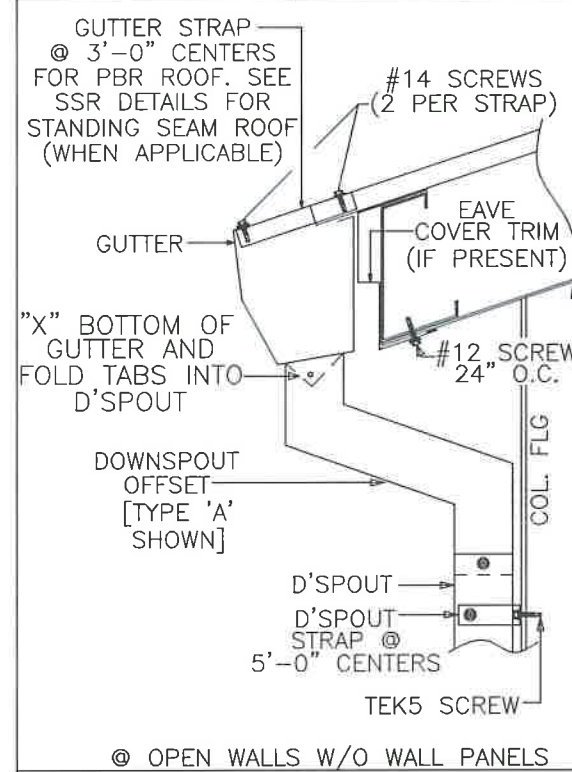
HANGING LOADS SHOULD NOT BE APPLIED TO THE PURLIN LIP. WHERE PERMISSIBLE, THE BEST PRACTICE FOR HANGING LOADS IS TO ATTACH TO THE PURLIN WEB USING A BOLT AND NUT, OR SELF-DRILLING SCREWS.

HANGING UNIFORM LOADS SUCH AS SPRINKLER MAINS OR HVAC EQUIPMENT SHOULD BE DISTRIBUTED OVER SEVERAL PURLINS, AND SHOULD NEVER EXCEED THE COLLATERAL LOAD ALLOWANCE FOR THE ROOF SYSTEM. FOR UNIFORM LOADS THAT RUN PARALLEL TO THE PURLINS, IT MAY BE NECESSARY TO USE TRANSVERSE SUPPORT CHANNELS(A.K.A. TRAPEZE BEAMS) ATTACHED TO THE WEBS OR FLANGES OF ADJACENT PURLINS TO SPREAD THE LOAD BETWEEN TWO OR MORE PURLINS. IN SUCH CASES, CONTACT THE BUILDING MANUFACTURER OR A LOCAL PROFESSIONAL ENGINEER PRIOR TO ATTEMPTING TO HANG LOADS FROM THE PURLINS

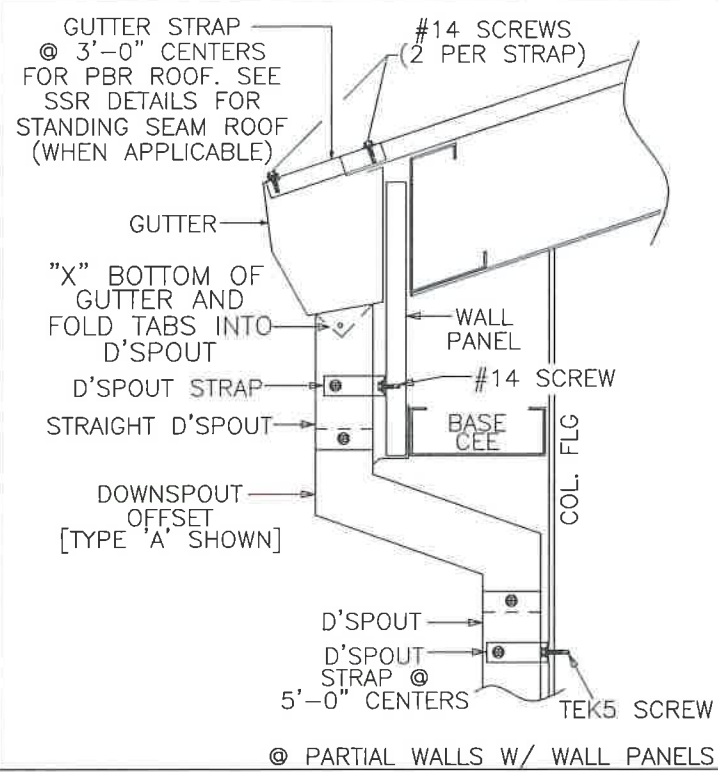
DO NOT INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE GROUND.

INSTALL GUTTER WITH OUTSIDE FACE PERPENDICULAR TO THE ROOF.

GUTTER INSTALLATION DETAIL
(ONLY IF PROVIDED)



© OPEN WALLS W/O WALL PANELS



© PARTIAL WALLS W/ WALL PANELS

NOTE: REGARDLESS OF DOWNSPOUT OFFSET SCENARIO, TEK5 SCREWS MUST BE USED TO ATTACH DOWNSPOUT STRAPS TO PEMB FRAMING. WHEN WALL PANELS SPAN FROM GROUND TO EAVE (FULL SPAN), #14 SCREWS WILL BE USED TO ATTACH DOWNSPOUT STRAPS TO WALL PANELS.

ISSUE		DET	CHK	DATE
BUILDINGS AND MORE				
CUSTOMER: TOWN HOMES LLC.				
JOB NO: 8459			DATE: 2/ 6/24	
LOCATION: LAKE CITY, FL 32025				
DRAWING NAME: SPECIAL DETAILS				
DRAWING NO: PAGE 9		DRAWN BY: CTW	CHECKED BY: SPW	SCALE: NONE