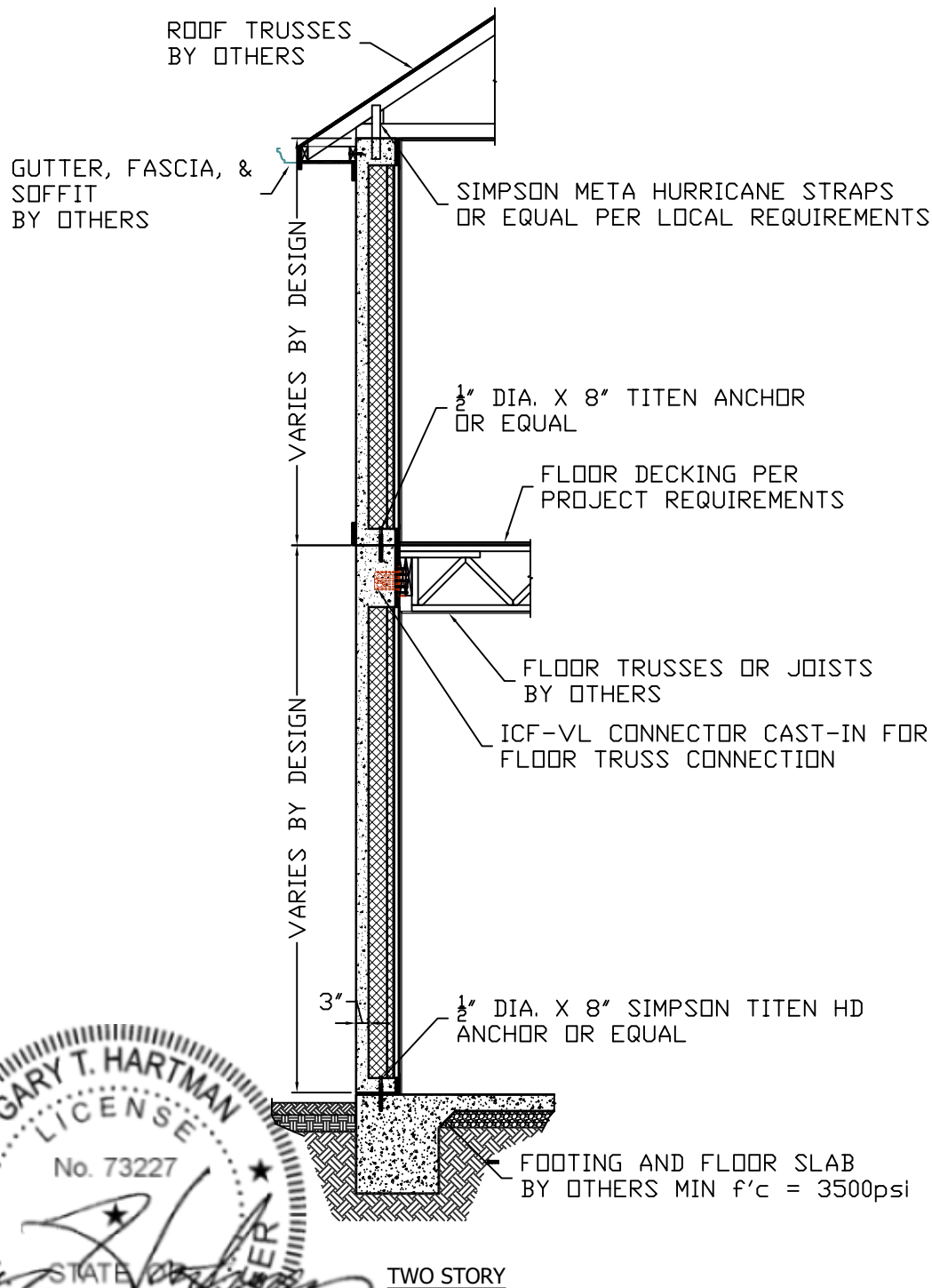
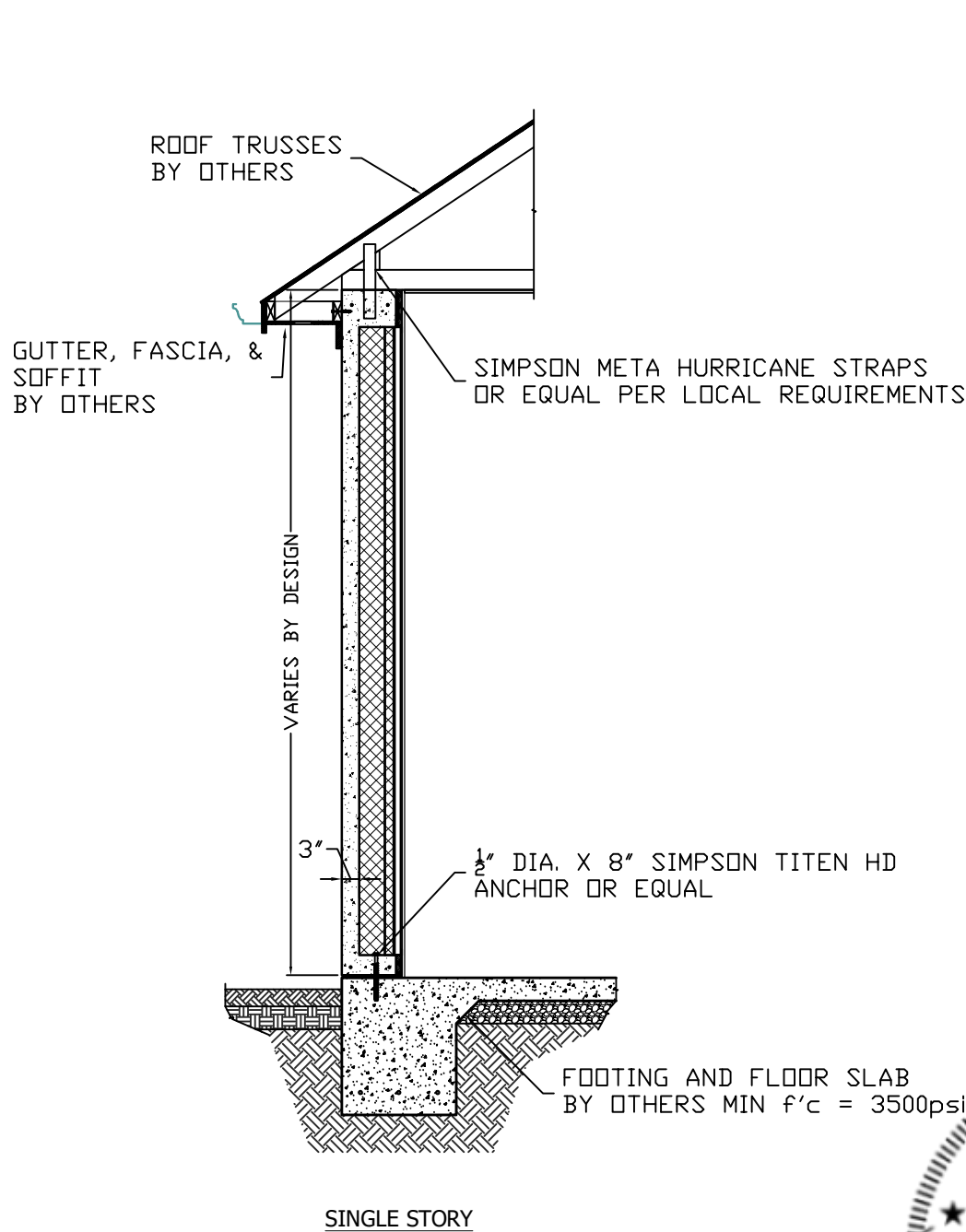




WALL PANEL GENERAL NOTES

1. The design of these elements depicted and furnished herein is for handling and in place design of the precast wall panels and their connections to the structure. No design of the floor or roof diaphragm has been reviewed or performed and is outside the scope of this product approval.
2. All concrete to be $f'c=5000\text{psi}$ minimum @ 28 days.
3. All concrete aggregates to meet gradation requirements of ASTM C33.
4. All Cement to meet ASTM C150, types I or III.
5. All reinforcement bars shall be ASTM A615 (or A706) Grade 60 and all welded wire reinforcing shall meet the requirements of ASTM A1064.
6. All bolts, anchors, and washers shall be zinc coated or plated to prevent corrosion.
7. All wall penetrations shall be sealed to prevent water intrusion.
8. Steel angle, channel and plate shall meet ASTM A36.
9. When installed in accordance with these instructions and the Evaluation Report, ENVIROCAST System wall panels satisfy the requirements of the Florida Building Code Eighth Edition (2023) including the High Velocity Hurricane Zone for (strength) design pressures up to +/- 85 psf.
10. The information contained herein is proprietary and the exclusive property of CXT Incorporated. The information may only be used by the original recipient for the purpose intended. Reproduction or distribution of this information is strictly prohibited without the prior written consent of CXT Incorporated. By allowing use of this information, CXT Incorporated grants no warranty, express or implied, including a warranty of merchantability or of fitness for a particular purpose.

Florida EnviroCast Base Connection Table

Nominal Wall Ht. (ft)	Maximum Anchor Spacing (ft).			
	+/-40 psf	+/-55 psf	+/-70 psf	+/-85 psf
8'-0"	7.88	5.73	4.50	3.71
9'-3 5/8"	6.77	4.93	3.87	3.19
10'-0"	6.30	3.60	3.60	2.96
10'-8"	5.90	4.29	3.37	2.78
11'-0"	5.73	4.17	3.27	2.70
12'-0"	5.25	3.82	3.00	2.47

ANCHOR GENERAL NOTES

1. Based on 1/2" Simpson Titen HD anchors with 3 1/2" embedment into concrete slab and 4" minimum edge distance.
2. Based on a tributary area of [Wall Ht.]/2 (i.e. lateral resistance provided at the top of the wall by the supporting structure).
3. Maximum anchor spacings are presented to resist transverse wind loads and must be adjusted to account for support conditions, other loads and load combinations by the designer of record.
4. Minimum of 2 anchors per panel over 2'-6" wide.



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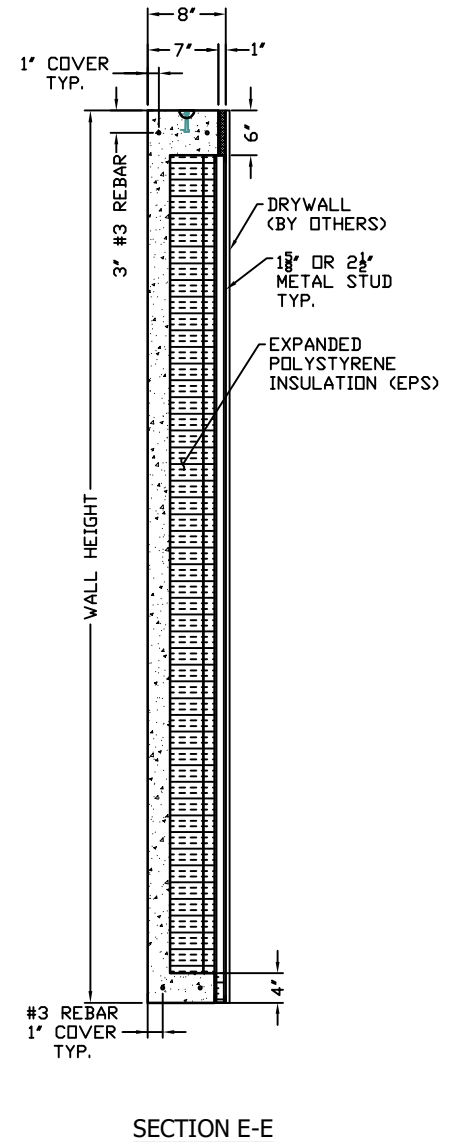
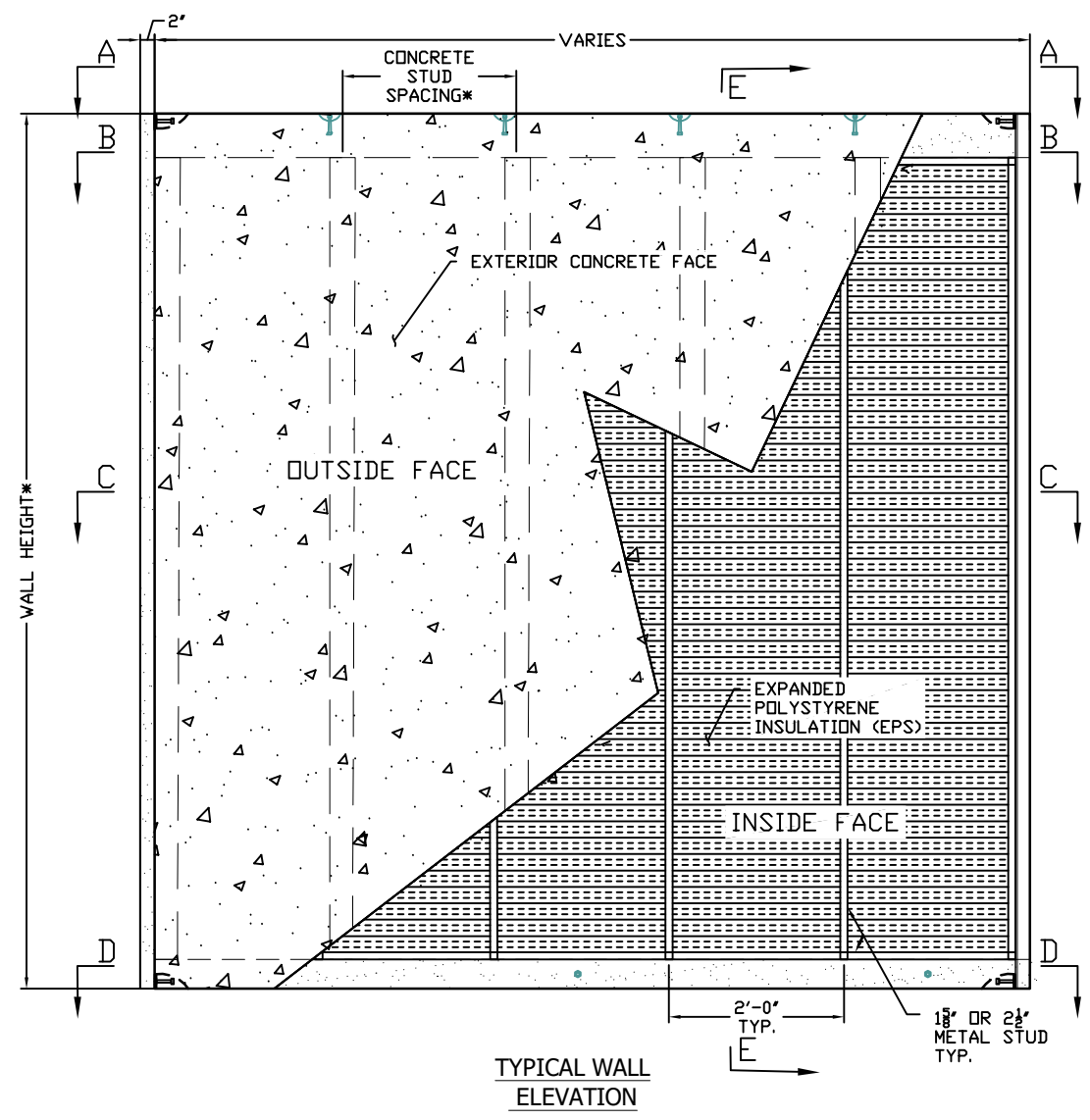
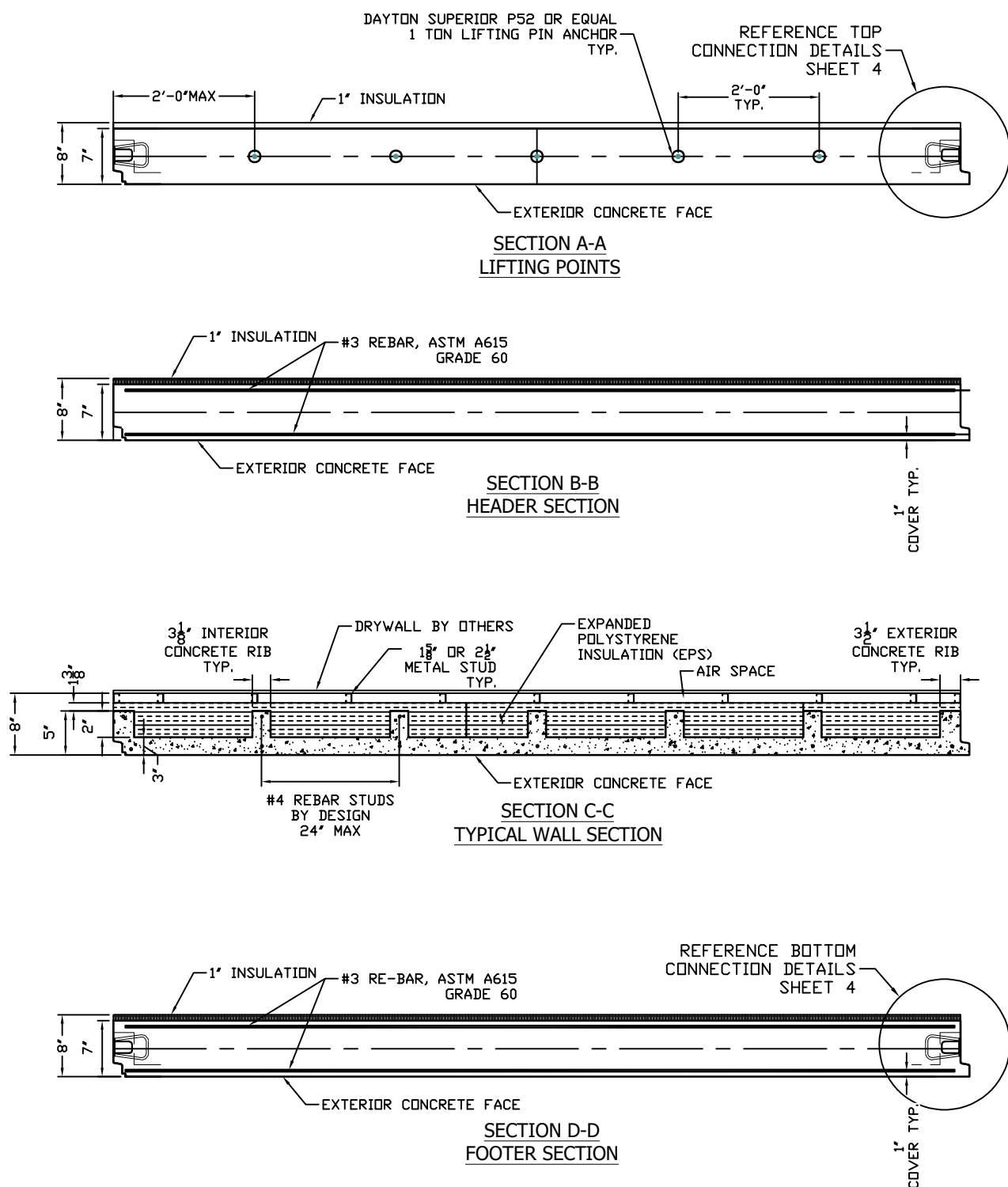


PROJECT --- ENVIROCAST WALL SYSTEM
LOCATION --- N/A
ARCHITECT --- N/A
CONTRACTOR --- N/A
ADDRESS --- N/A

This item has been electronically signed and sealed by Gary Hartman using an SHA authentication code.

Printed copies of this document are not considered signed and sealed. To verify electronic copies, forward them to ghartman@icc-es.org.

REV.	DATE	DESCRIPTION	drawn by:	checked by:	DRAWING TITLE
			SKH	SJK	ENVIROCAST WALLS SYSTEM 8" PANEL DESIGN
			date:	date:	JOB NO.
			06/12/25	06/12/25/24	xxx
PRINT RECORD		xxx			SHEET
		xxx			01 of 04



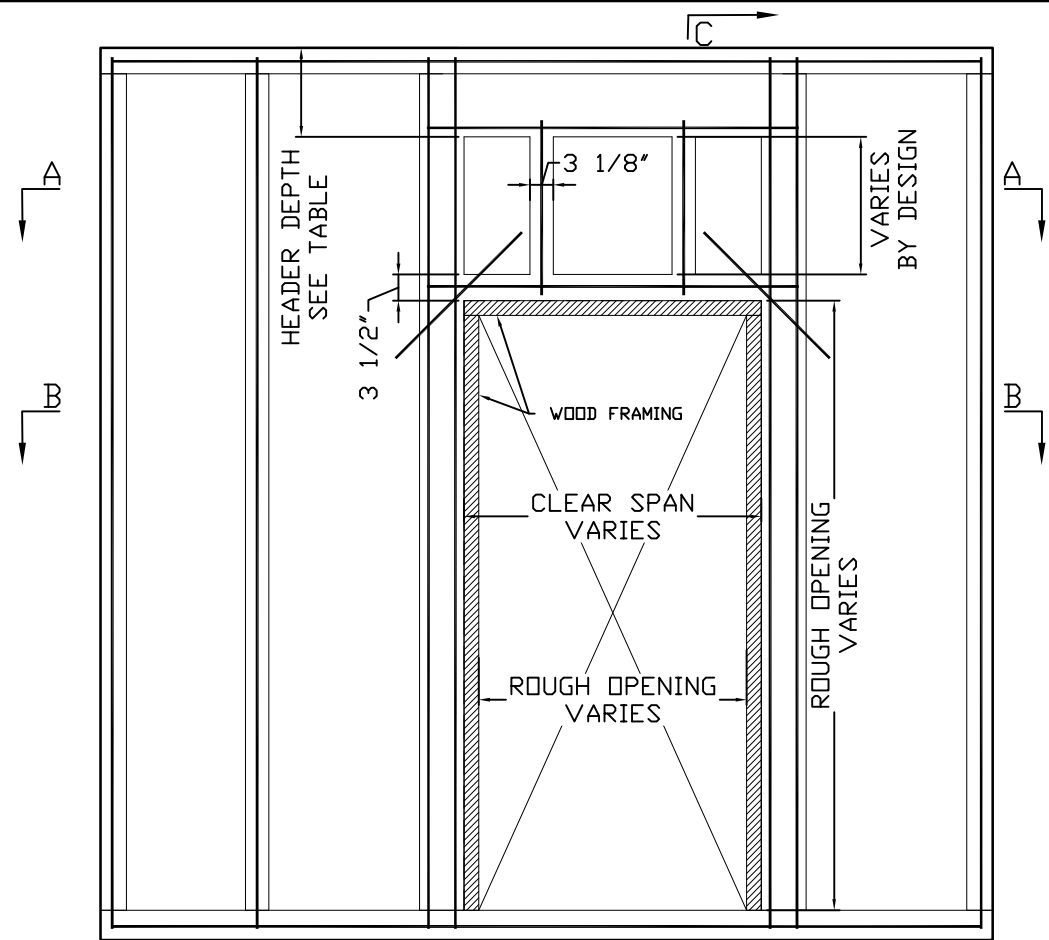
NOTE: COMMON LAYOUTS SHOWN, PROJECT SPECIFIC DESIGNS MAY VARY.

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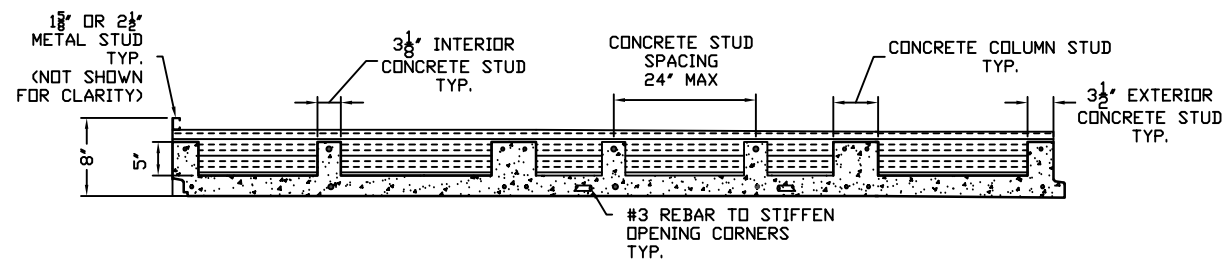


PROJECT --- ENVIROCAST WALL SYSTEM 06/19/2025
 LOCATION --- N/A
 ARCHITECT --- N/A
 CONTRACTOR --- N/A
 ADDRESS --- N/A

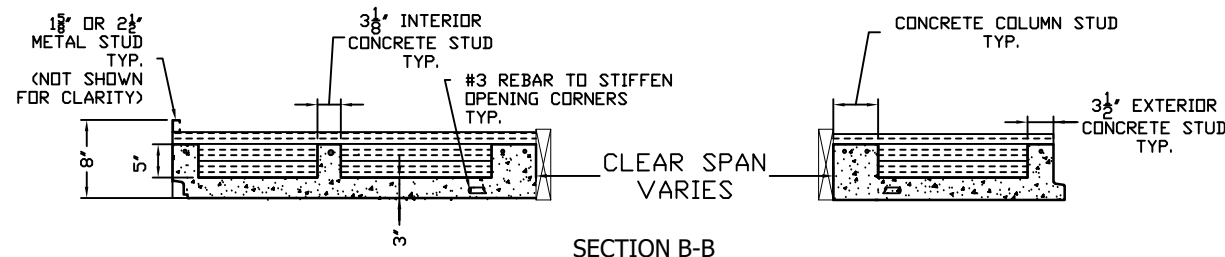
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			date:	date:	JOB NO.
			06/12/25	06/12/25	xxx
PRINT RECORD		xxx			SHEET
		xxx			02 of 04



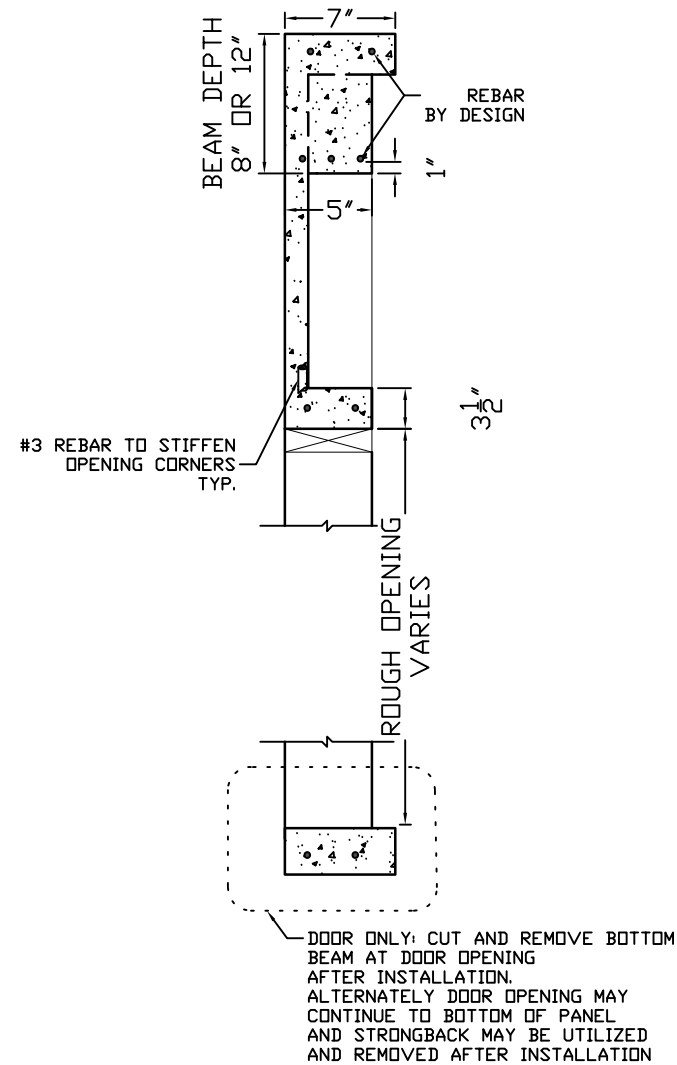
ELEVATION
WALL OPENING- DOOR OPTION



SECTION A-A



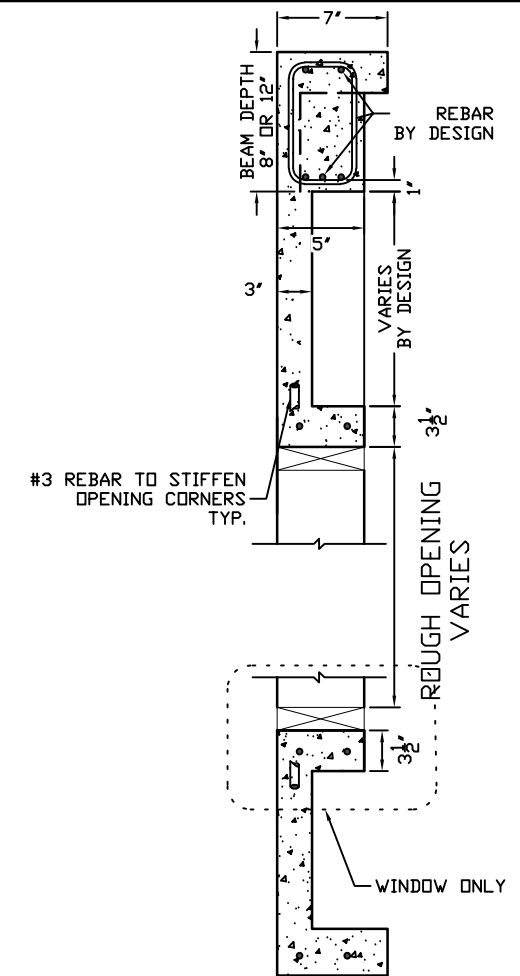
SECTION B-B



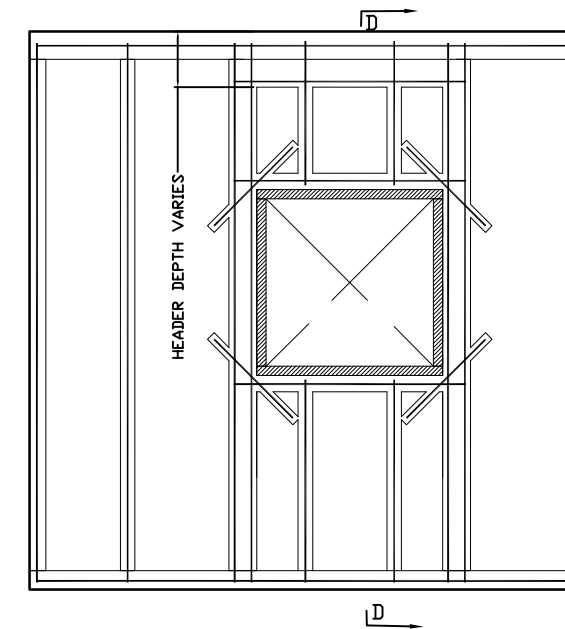
SECTION C-C
NO STIRRUP ALTERNATE



06/19/2025



SECTION D-D
STIRRUP ALTERNATE



ELEVATION
WALL OPENING- WINDOW OPTION



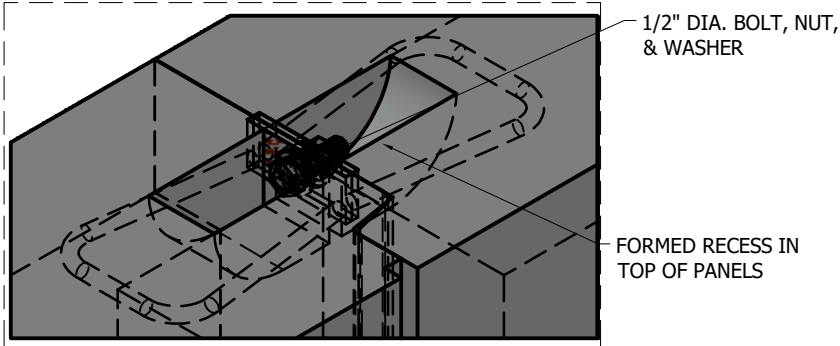
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PROJECT --- ENVIROCAST WALL SYSTEM
LOCATION --- N/A
ARCHITECT --- N/A
CONTRACTOR --- N/A
ADDRESS --- N/A

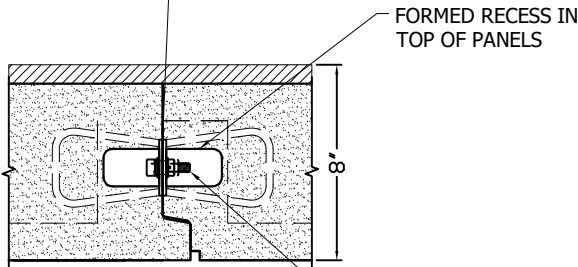
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			date:	date:	JOB NO.
			11/08/24	11/18/24	xxx
PRINT RECORD		xxx			SHEET
		xxx			03 of 04

WALL PANEL TYPICAL CONNECTIONS

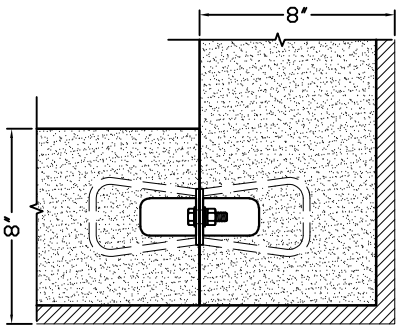


TOP CONNECTION
ISOMETRIC VIEW

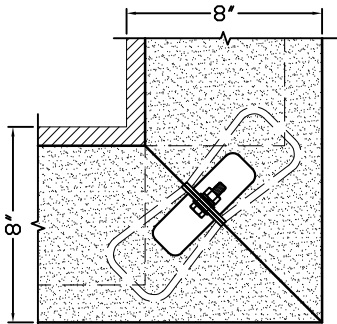
3/16"x1 1/4"x3" STEEL PLATE
w/ 3/8" HOOP ANCHOR
EMBEDDED IN CONCRETE



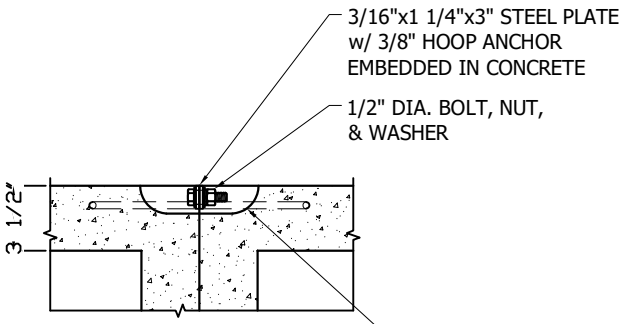
TOP SHI LAP CONNECTION
PLAN VIEW



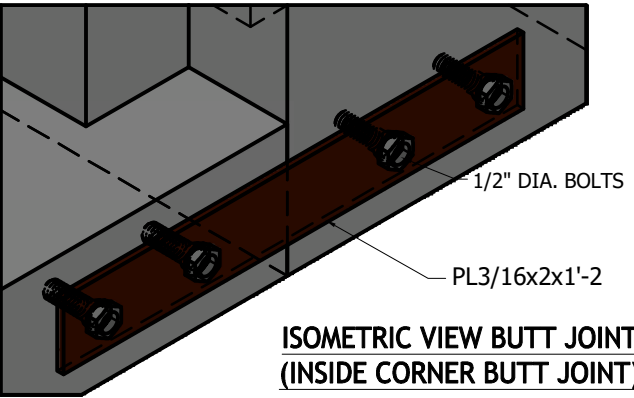
TOP BUTT CORNER
PLAN VIEW



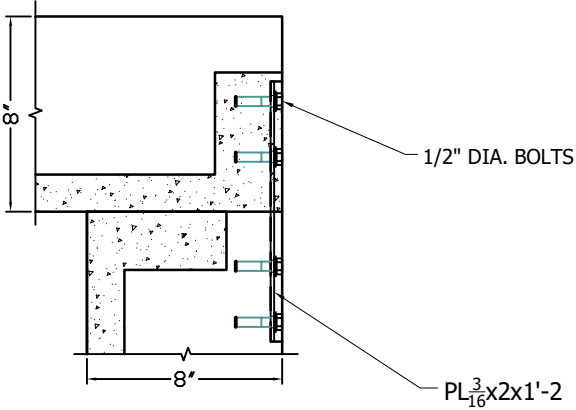
TOP MITERED CORNER
PLAN VIEW



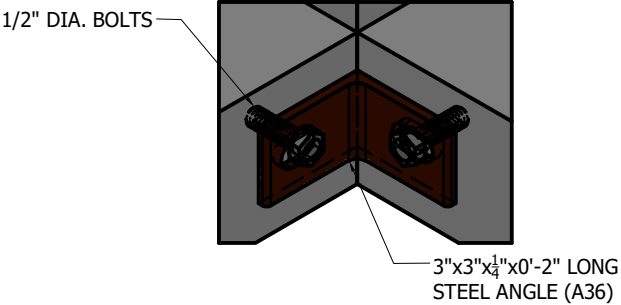
TOP SHI LAP CONNECTION
ELEVATION VIEW



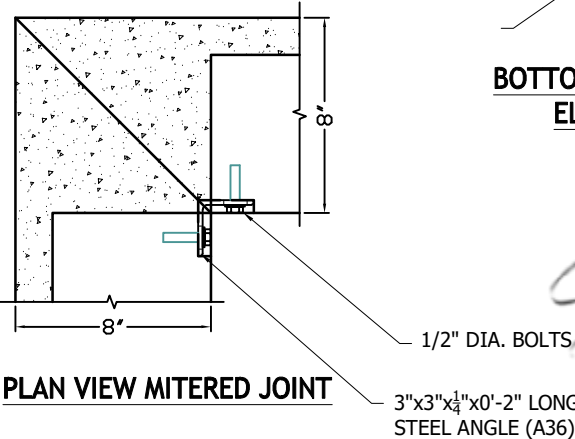
ISOMETRIC VIEW BUTT JOINT
(INSIDE CORNER BUTT JOINT)



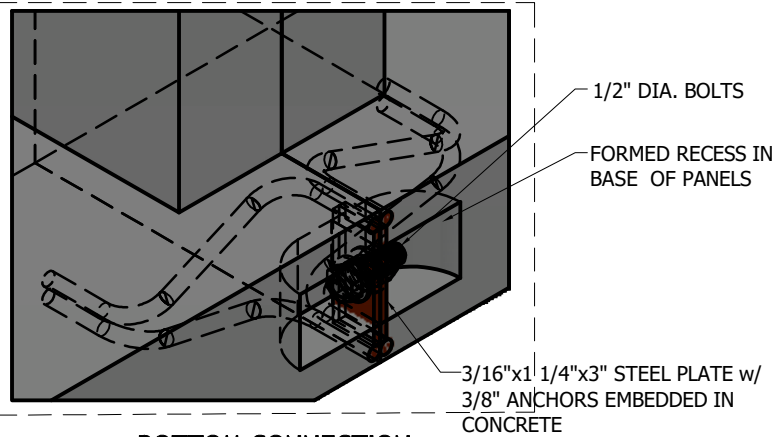
PLAN VIEW BUTT JOINT
(INSIDE CORNER BUTT JOINT)



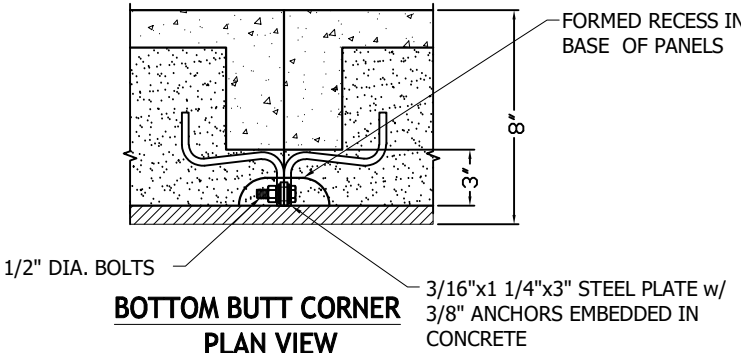
ISOMETRIC VIEW MITERED JOINT



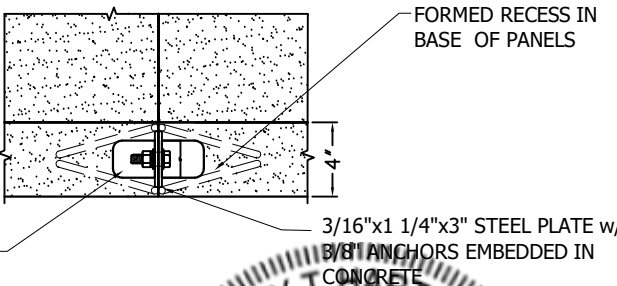
PLAN VIEW MITERED JOINT



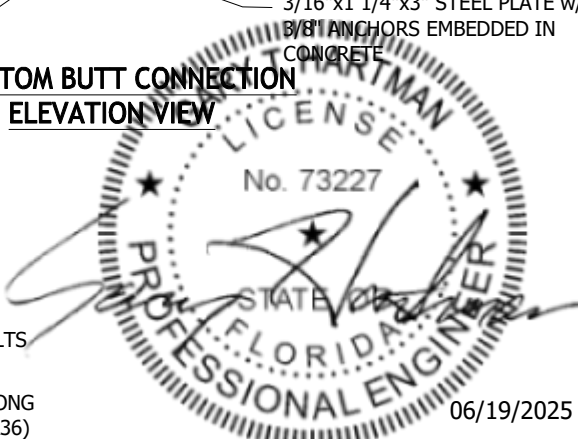
BOTTOM CONNECTION
ISOMETRIC VIEW



BOTTOM BUTT CORNER
PLAN VIEW



BOTTOM BUTT CONNECTION
ELEVATION VIEW



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			SKH	SJK	ENVIROCAST WALL SYSTEMS 8" PANEL DESIGN
			date:	date:	JOB NO.
			06/12/25	06/12/2518/24	xxx
			PRINT RECORD	xxx xxx	SHEET 04 of 04