

GENERAL NOTES:

1. ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06 SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.), HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. DESIGN WIND LOADS FOR EACH INSTALLATION SHALL BE DETERMINED AS PER SECTIONS 1620 & 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 STANDARD AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED ON THIS SHEET.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 12.
- IN ORDER TO VERIFY THAT COMPONENTS AND FASTENERS ON THIS P.E.D. AS TESTED WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS.
- A DURATION FACTOR CD=1.60 WAS USED FOR VERIFICATION OF FASTENERS IN WOOD, PER N.D.S. 2018.
- PRODUCT'S ADEQUACY FOR WIND AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA REPORTS #0405.01-21, #0730-01-21 & #0210-02-26, AS PER TAS 202 & 203 PROTOCOLS, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. SEE NOTE 9 FOR ADDITIONAL TESTING PERFORMED ON PRODUCT.
- PRODUCT'S ADEQUACY AS A STUCCO SUBSTITUTE HAS BEEN VERIFIED FOR AIR & WATER INFILTRATION IN ACCORDANCE WITH SECTION 1405 OF THE ABOVE MENTIONED CODE, PER TAS 202 PROTOCOL, AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA REPORT # 0730.01-21, SEE NOTE 2 BELOW FOR LIMITATIONS OF USE.
2. PRODUCT INSTALLATION AS AN EXTERIOR SIDING MAY BE PERFORMED APPLYING ONE OF THE FOLLOWING OPTIONS.
- (2.1) OPTION # 1: INTO AN EXISTING WALL SYSTEM WHICH INCLUDES STUCCO, DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT AND SHALL BE BUILT IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, FOR IMPACT, WIND, AIR AND WATER RESISTANCE AS PER SECTIONS 1626.4(1), 1404.4, 1404.6, 1626.4(2) & 1404.2 OF THE FLORIDA BUILDING CODE. SEE SHEET 12 FOR ADDITIONAL REQUIREMENTS, BY USING EXTERIOR METAL INSULATED SIDING PANEL WITH OR WITH OUT FURRING OVER STUCCO.
- (2.2) OPTION # 2: INTO A NEW CONSTRUCTION WALL AS A STUCCO SUBSTITUTE, BY USING EXTERIOR METAL INSULATED SIDING PANEL WITH OR WITHOUT FURRING OVER EVERBILT HOUSEWRAP HIGH DENSITY POLYETHYLENE WOVEN FABRIC COATED ON BOTH SIDES WITH UV-TREATED, LOW DENSITY POLYETHYLENE COATING AS PER COMPONENT (24), PER BILL OF MATERIALS ON SHEET 2 OF THIS P.E.D. SEE INSTALLATION DETAILS ON SHEETS 7, 8 & 9. COMPONENT (24) SHALL BE STRICTLY INSTALLED IN ACCORDANCE WITH MANUFACTURES SPECS AND THIS P.E.D. FOR NEW WOOD FRAME CONSTRUCTION WITHOUT STUCCO MINIMUM FIRE RATING OF WALL SHALL BE VERIFIED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE BEFORE PROCEEDING WITH SIDING PANEL INSTALLATION.
- 3.1 PANELS (1) (1A) MAY BE INSTALLED OVER FURRING INTO EXISTING WALLS MEETING W/ NOTES 2.1 & 2.2 LIMITATIONS AND TO BE CONTINUOUS MIN. OVER 3 SPANS.
- 3.2 PANELS (1) (1A) MAY BE INSTALLED DIRECTLY INTO EXISTING WALLS MEETING W/ NOTES 2.1 & 2.2 LIMITATIONS AND ALSO LIMITED TO CONCRETE BLOCK OR 16" O.C. 18 GA METAL STUDS W/ APPROVED SHEATHING.
4. COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON SHEETS 2 & 3 OF THIS DRAWING.
5. WHEN USED, SUBSTRUCTURE FURRING COMPONENT # (2) PROVIDING SUPPORT TO WALL PANELS MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE EXISTING STRUCTURAL SYSTEM SUBSTRUCTURE FURRING MUST BE AS INDICATED ON BILL OF MATERIALS SHEET 2, SPACED AS PER TABLE 1, SHEET 12 OF THIS DRAWING. SEE DETAILS ON SHEETS 5, 6, 8 & 9.
6. THIS PRODUCT'S INSTALLATION SHALL COMPLY WITH ALL SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

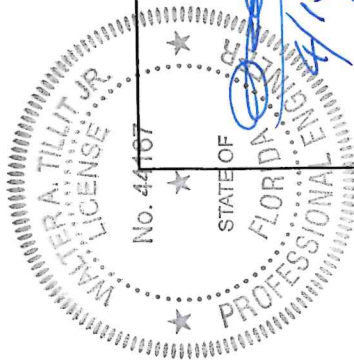
7. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT: i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF MODIFIED.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. PROFESSIONAL OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWING FOR REVIEW.
- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
8. PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY VISIBLE AT PANEL LOCATION IN ACCORDANCE WITH SECTION 1703.5 OF THE FLORIDA BUILDING CODE.
9. ADDITIONAL TESTING PERFORMED ON ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06 PROFILES IS AS FOLLOWS:

QUALIFICATION	TEST METHOD	TEST RESULT
SELF IGNITION OF SIDING PANEL CORE*	ASTM D 1929	680° F
FLAME SPREAD INDEX OF SIDING PANEL CORE*	ASTM E 84	0* CLASS "A"
SMOKE DENSITY INDEX OF SIDING PANEL CORE*	ASTM E 84	185* CLASS "A"

* TEST REPORT # TJ8057, BY QAI LAB. & #21-1061 BY FENESTRATION TESTING LAB., PER SECTIONS 2303.2 & 2314.4.4 OF THE FLORIDA BUILDING CODE.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)				
W.H. DRAWN BY: 7/14/23	DATE: 23-098 DRAWING No.			
ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06				
SANTURCE INVERSIONES S.A, LLC 10 EDGE WATER DR. APT 7E CORAL GABLES, FL. 33133				
REV. NO.	DATE	REV. NO.	DATE	DESCRIPTION
1	7/14/23	3	7/14/23	-
2	7/27/23	4	7/27/23	-
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 100, Virginia Gardens, FL 33166 Phone: (305) 918-1500, Fax: (305) 917-1531 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167				
P.E. SEAL/SIGNATURE/DATE 9/13/2026				



BILL OF MATERIALS: SIDING/CEILING

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
①.	FLAT/EMBOSSSED PANEL	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	SIDING/CEILING SYSTEM MAX. EMBOSSING IS 4mm
①A.	CORRUGATED PANEL	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	SIDING/CEILING SYSTEM MAX. CORRUGATION IS 0.28" DEEP
②.	P.T. WOOD FURRING (SUBSTRUCTURE)	1.00"NOMINAL X 2.00"NOMINAL	SYP. #2 (P.T.)	-	SUBSTRUCTURE FOR ① ①A
③.	FLAT HEAD TEK SCREW	#8-20 X 3/4"	STALGARD COATED	ITW/BUILDEX	TO FIX ① & ①A TO ② W/±3/4" EMBEDMENT
④.	FASTENERS FOR ② OR PANELS	1/4"Ø FLAT HEAD TAPCONS	AISI 401 STAINLESS STEEL	ITW/BUILDEX	SEE SUBSTRATES AND FASTENER'S SPECS ON SHEETS 12 & 12A APPLIES TO CONCRETE, CONCRETE BLOCK & WOOD
④A.	FASTENERS FOR ② OR PANELS	1/4"-14 FLAT HEAD TEK SCREW	AISI 401 STAINLESS STEEL	ITW/BUILDEX	SEE SUBSTRATES AND FASTENER'S SPECS ON SHEETS 12 & 12A APPLIES TO ALUMINUM OR STEEL.
⑤.	YJ01 OUTSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	OUTSIDE CORNER CAP ACCESSORY (SEE SHEET 10)
⑥.	YJDZ OUTSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR OUTSIDE CORNER ACCESSORY (SEE SHEET 10)
⑦.	YJ02 OUTSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR OUTSIDE CORNER CAP ACCESSORY (SEE SHEET 10)
⑧.	YJ03 OUTSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR OUTSIDE CORNER ACCESSORY (SEE SHEET 10)
⑨.	YJ04 OUTSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR OUTSIDE CORNER CAP ACCESSORY (SEE SHEET 10)
⑩.	PJ01 CONNECTING BAR	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR CONNECTING TWO PANELS ACCESSORY (SEE SHEET 10)
⑪.	PJDZ CONNECTING BAR	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR OUTSIDE CORNER ACCESSORY (SEE SHEET 10)
⑫.	PJ02 CONNECTING BAR	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR CONNECTING TWO PANELS ACCESSORY (SEE SHEET 10)
⑬.	SBT J-CHANNEL/YINJ01/CKJ01 UNIVERSAL TRIM	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR TRIMMING THE PANEL EDGE OR CUTTING PART ACCESSORY (SEE SHEET 11)
⑭.	SKJD EDGE COVER BASE	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR COVERING PANEL EDGE ACCESSORY (SEE SHEET 10)
⑮.	SKJK EDGE COVER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR COVERING PANEL EDGE ACCESSORY (SEE SHEET 10)
⑯.	YINJ02 INSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR INSIDE CORNER ACCESSORY (SEE SHEET 11)
⑰.	YINJ03 INSIDE CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	FOR INSIDE CORNER ACCESSORY (SEE SHEET 11)
⑱.	CKJ02 WINDOW SILL CORNER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR TRIMMING THE WINDOW EDGE ACCESSORY (SEE SHEET 11)
⑲.	CKJ03 WINDOW LINE	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR TRIMMING THE WINDOW EDGE ACCESSORY (SEE SHEET 11)
⑳.	CKJ04 WINDOW & DOOR CORNER COVER	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR COVERING WINDOW CORNER ACCESSORY
㉑.	FSB BOTTOM FLASHING	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR BOTTOM FLASHING ACCESSORY (SEE SHEET 11)
㉒.	QBJ STARTING STRIP	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR ANCHORED THE BOTTOM OF FIRST PANEL ACCESSORY (SEE SHEET 11) TO SUBSTRATE
㉓.	WYBJ EAVES ANGLE	SEE COMPONENT DETAIL SHT. 3	SEE COMPONENT DETAIL	JIANGSU SPANL CO, LTD	USED FOR WRAPPING THE EAVE ACCESSORY
㉔.	EVERBILT HOUSEWRAP WATER RESISTIVE BARRIER ICC-ES APPROVED REPORT# ESR-2955	4.8 MILS THICKNESS COVER FULL AREA UNDER EXTERIOR SIDING.SEE NOTES FOR OVERLAP & REQ'D PERIMETER FURRING	BASIC WEIGHT: 2.24 OZ/YD2 (ASTM D 5261), TENSILE STRENGTH:43lb/in (ASTM D828), MD+CD WATER VAPOR TRANSMISSION: 11 PERMS (ASTM E-96) COLOR: WHITE FLAME SPREAD INDEX:CLASS A SMOKE DEVELOPED INDEX: CLASS A	KAPS-TEX CO. LTD	USE ONLY AT OPTION#2, PER GENERAL NOTE 2.2/1 A MIN 9" (HORIZONTALLY) AND (VERTICALLY) OVERLAP MUST BE USED AT JOINTS BETWEEN COMPONENT ㉔. 1 3/4" WIDE TYVEK TAPE, MANUFACTURED BY DUPONT SHALL THEN BE INSTALLED INCLUDING ALL EDGES & PERIMETER. ALL CORNERS BETWEEN COMPONENT ㉔ SHALL OVERLAP 12" COMPONENT ㉔ SHALL BE INSTALLED STRICTLY FOLLOWING MANUFACTURER'S SPECIFICATIONS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th, St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 ; Fax : (305)871-1531

ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06	SANTURCE INVERSIONES S.A, LLC 10 EDGE WATER DR, APT 7E CORAL GABLES, FL. 33133		DATE
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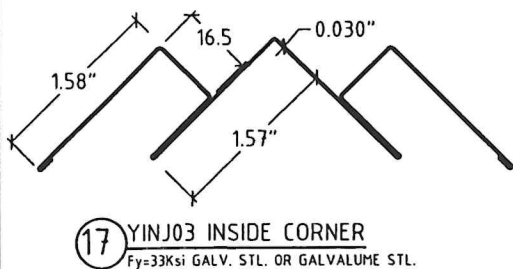
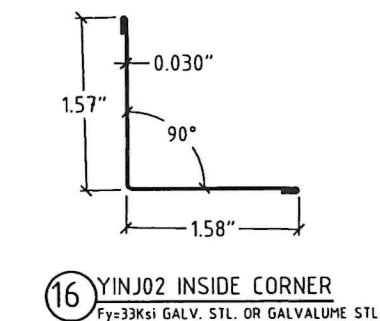
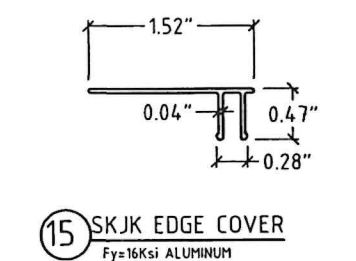
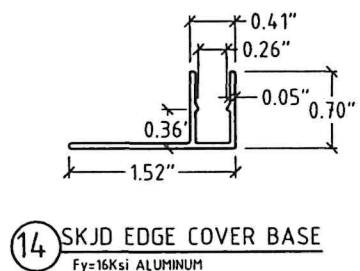
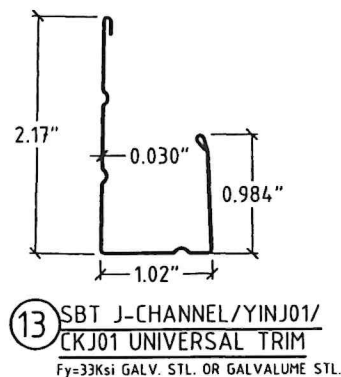
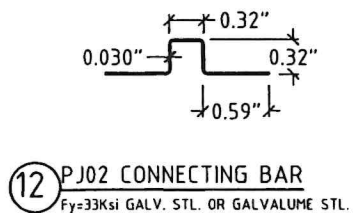
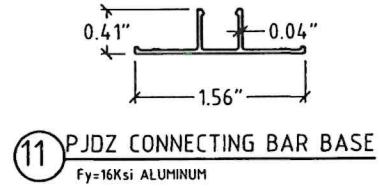
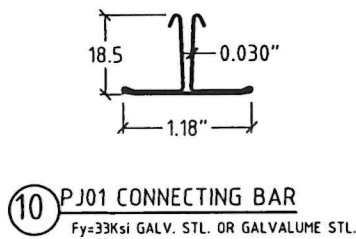
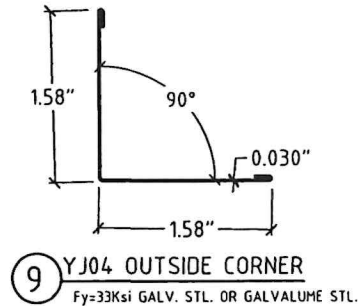
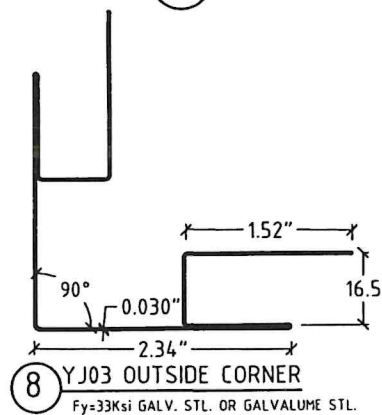
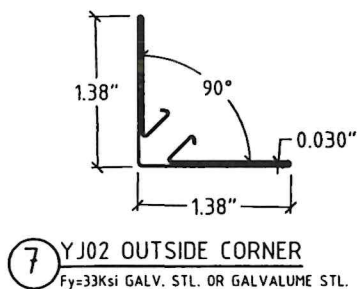
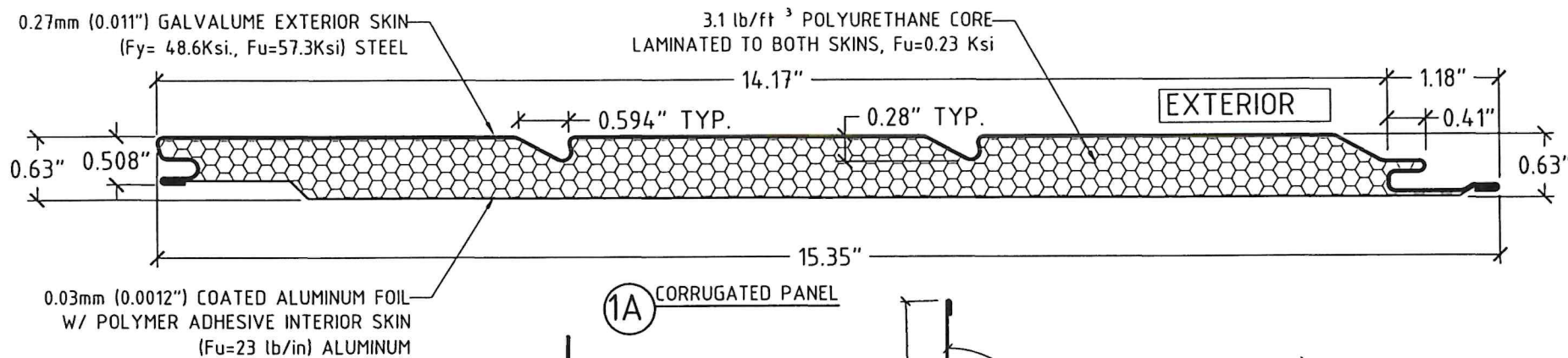
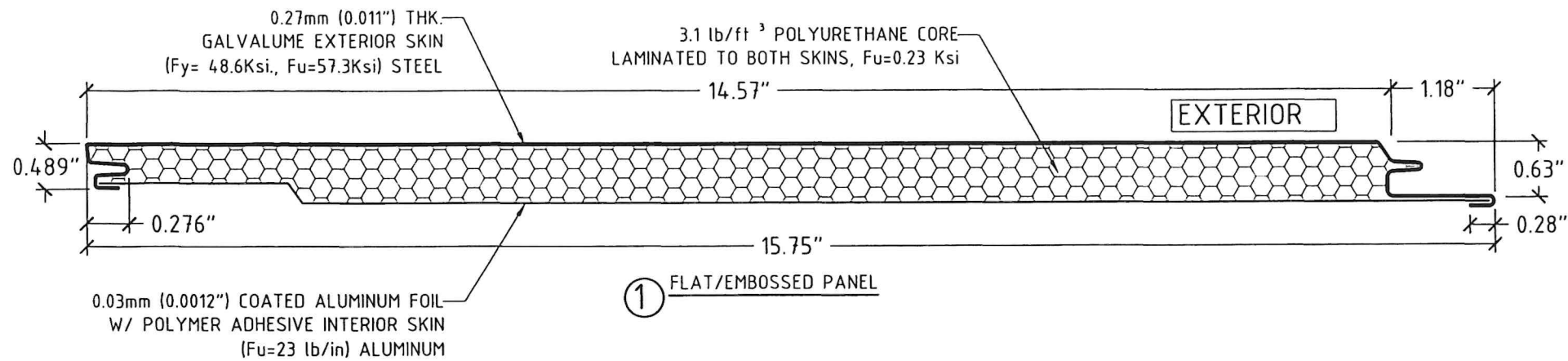
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23-098
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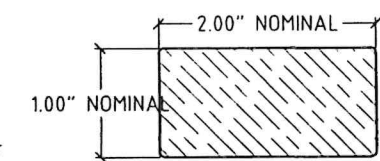
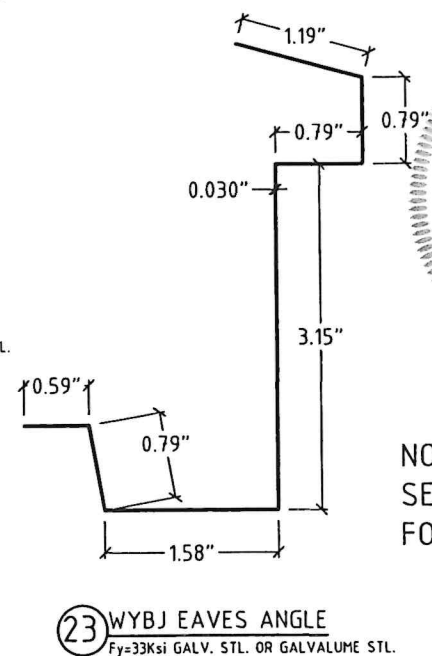
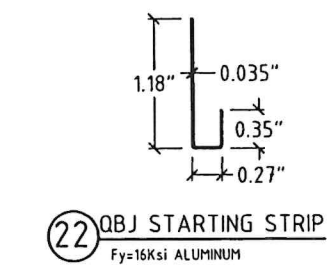
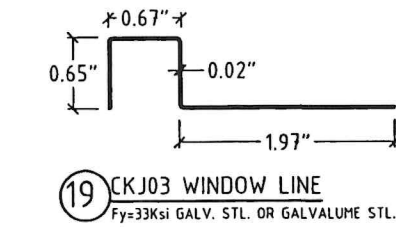
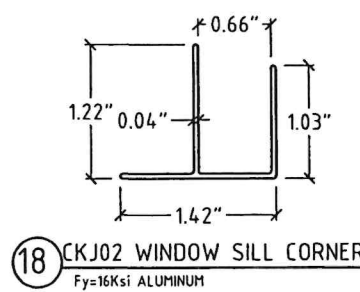
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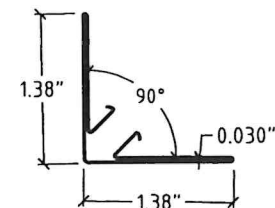


COMPONENTS

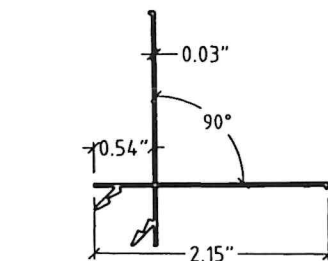
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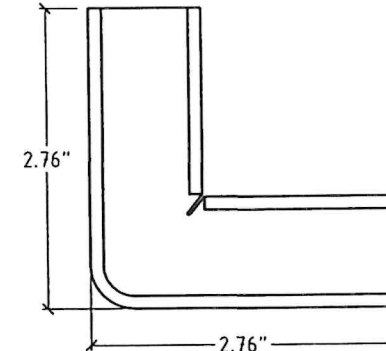
2 P.T. WOOD FURRING (SUBSTRUCTURE)



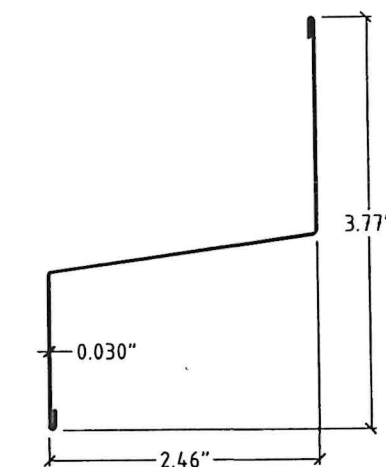
5 YJ01 OUTSIDE CORNER
Fy=33Ksi GALV. STL. OR GALVALUME STL.



6 YJ02 OUTSIDE CORNER
Fy=16Ksi ALUMINUM



20 CKJ04 WINDOW & DOOR CORNER COVER
Fy=33Ksi GALV. STL. OR GALVALUME STL.

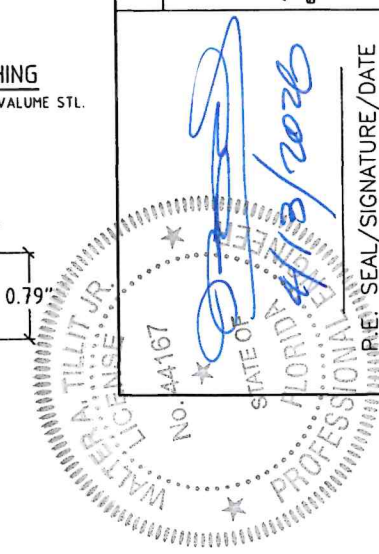


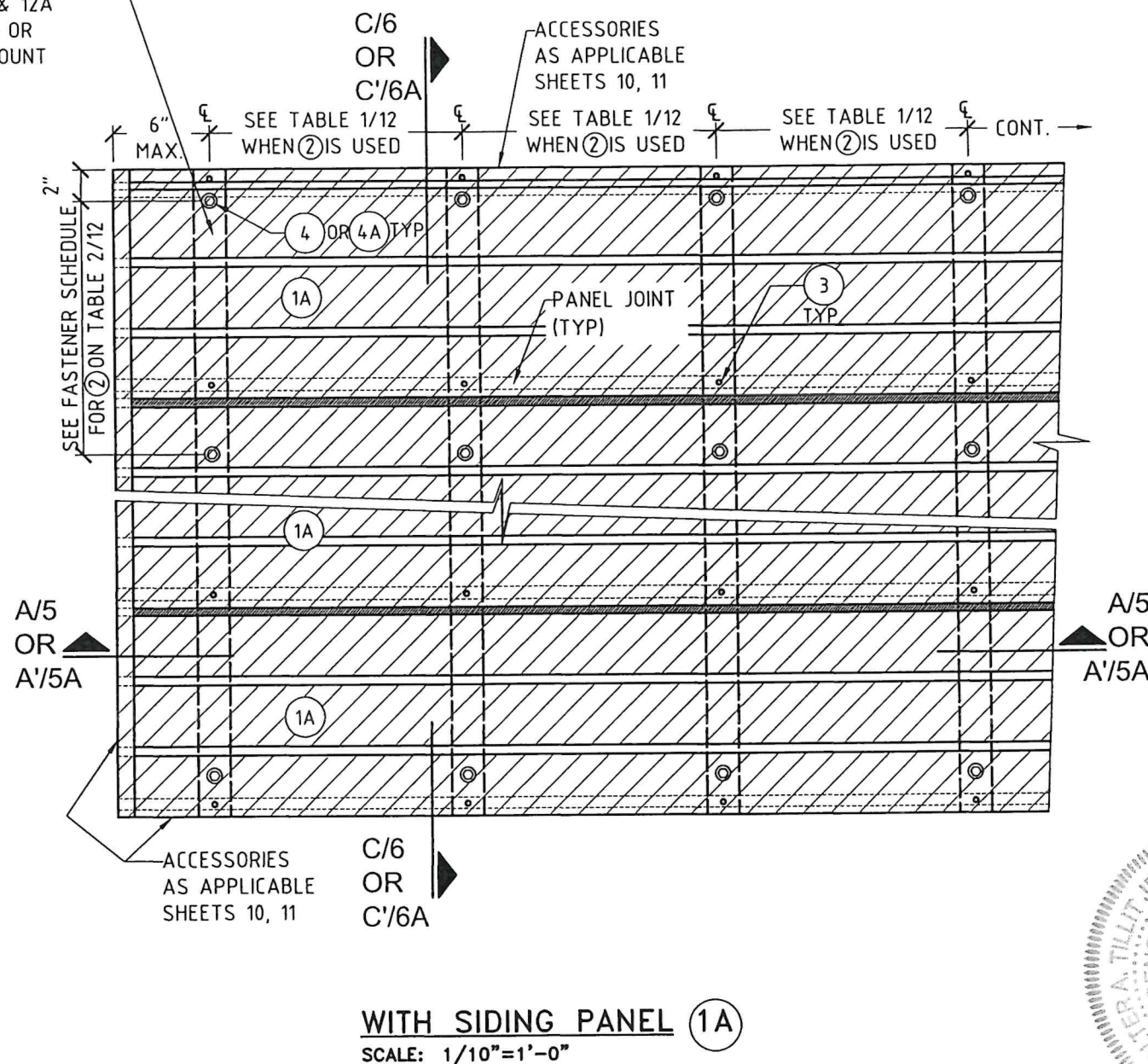
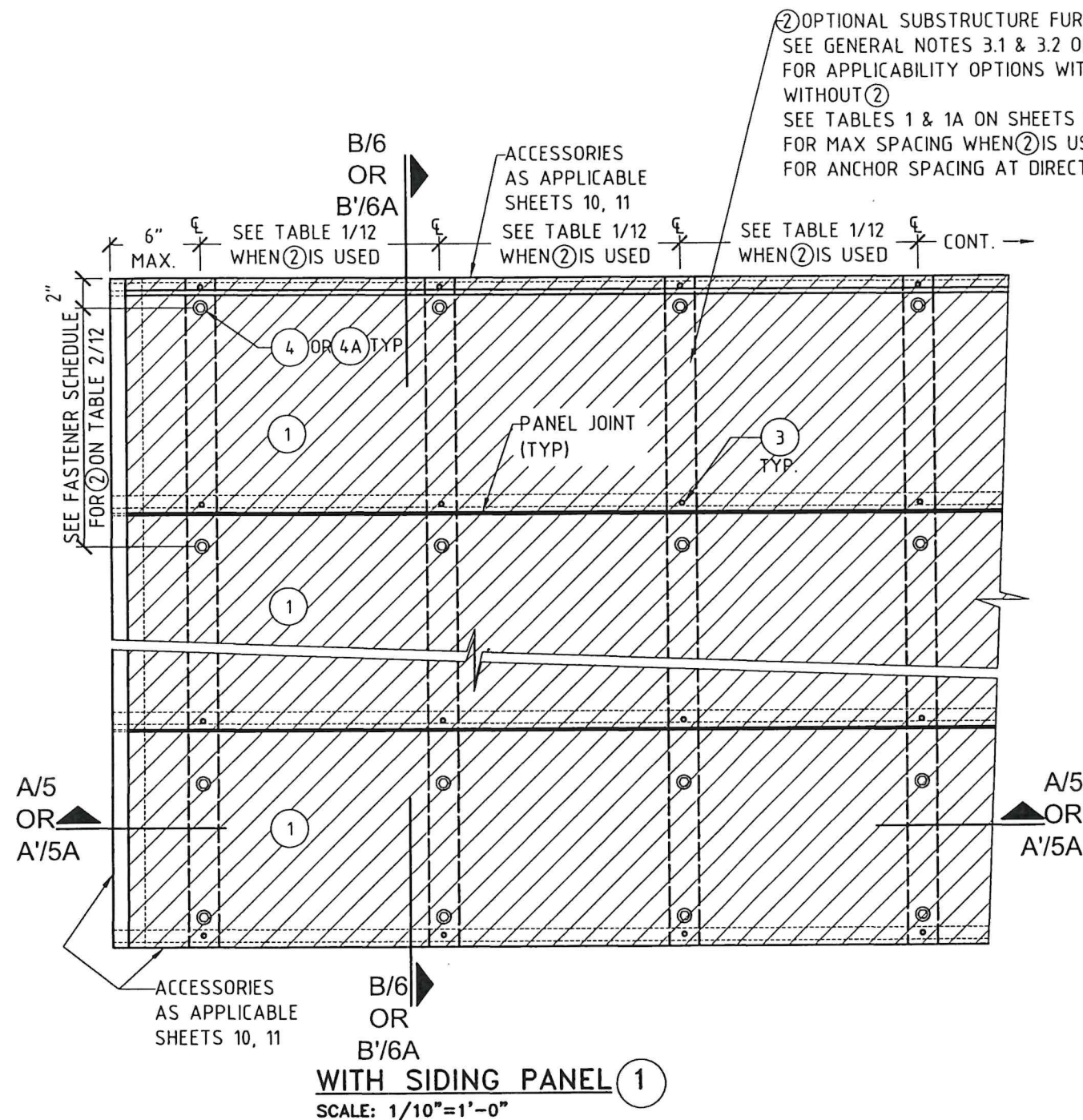
21 FSB BOTTOM FLASHING
Fy=33Ksi GALV. STL. OR GALVALUME STL.

NOTE:
SEE BILL OF MATERIALS
FOR COMPONENT 24

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:		DATE:		DRAWING No.	
ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06		7/14/23		23-098	
SANTURCE INVERSIONES S.A, LLC		10 EDGE WATER DR. APT 7E		SHEET 3 OF 12	
TILITCO INC.		CORAL GABLES, FL. 33135			
TILLIT TESTING & ENGINEERING COMPANY		6555 N.W. 38th Ave. Suite 100			
Phone: (305) 871-1330 Fax: (305) 871-1331		CA-0006719			
		WALTER A. TILLIT Jr., P.E.			
		FLORIDA Lic. # 44167			





TYPICAL EXTERIOR ELEVATION FOR SIDING PANELS 1 OR 1A W/ OR W/O FURRING 2 *

(VALID FOR INSTALLATIONS PER GENERAL NOTES 2.1, 3.1 & 3.2 ON SHEET 1)

* SEE SECTIONS W/ FURRING 2 OVER EXISTING WALL W/ STUCCO ON SHEETS 5 & 6.
SEE SECTIONS W/O FURRING 2 OVER EXISTING WALL W/ STUCCO ON SHEETS 5A & 6A.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H.
DRAWN BY:
7/14/23
DATE:
23-098
DRAWING NO.
SHEET 4 OF 12

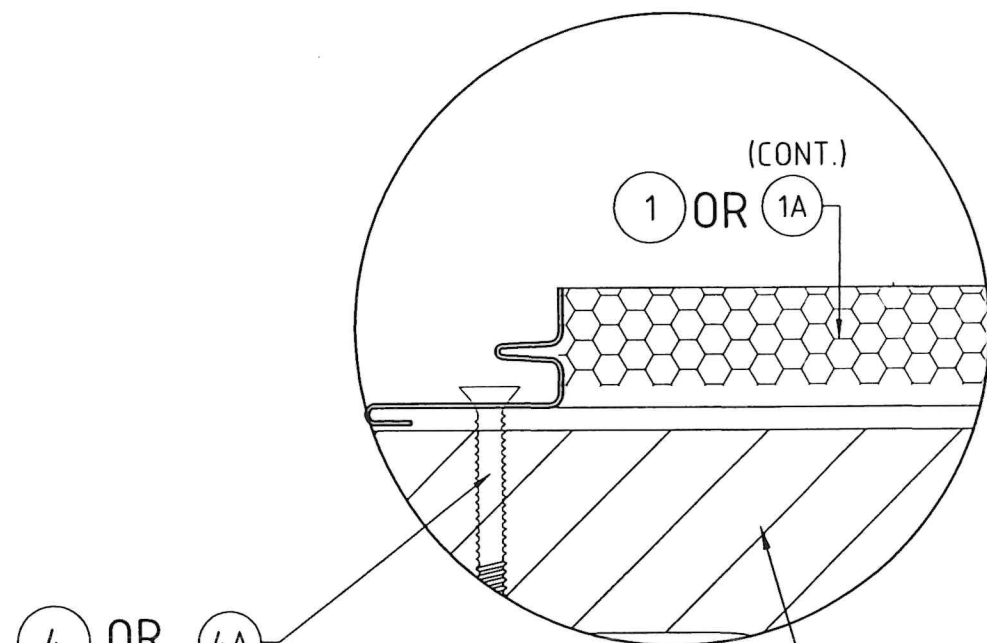
ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

SANTURCE INVERSIONES S.A, LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

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6355 N.W. 36th St., Ste. 305, Virginia Beach, VA 23462
Phone: (305) 971-1531

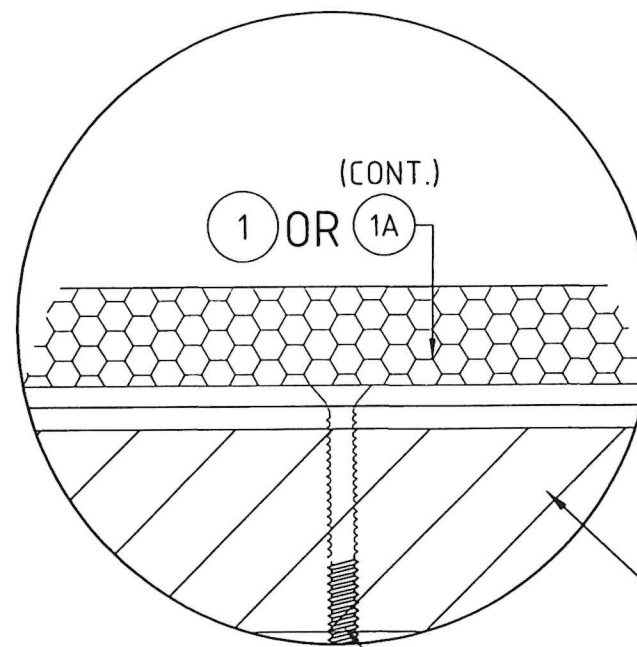
WALTER A. TILLIT JR. P.E.
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No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE



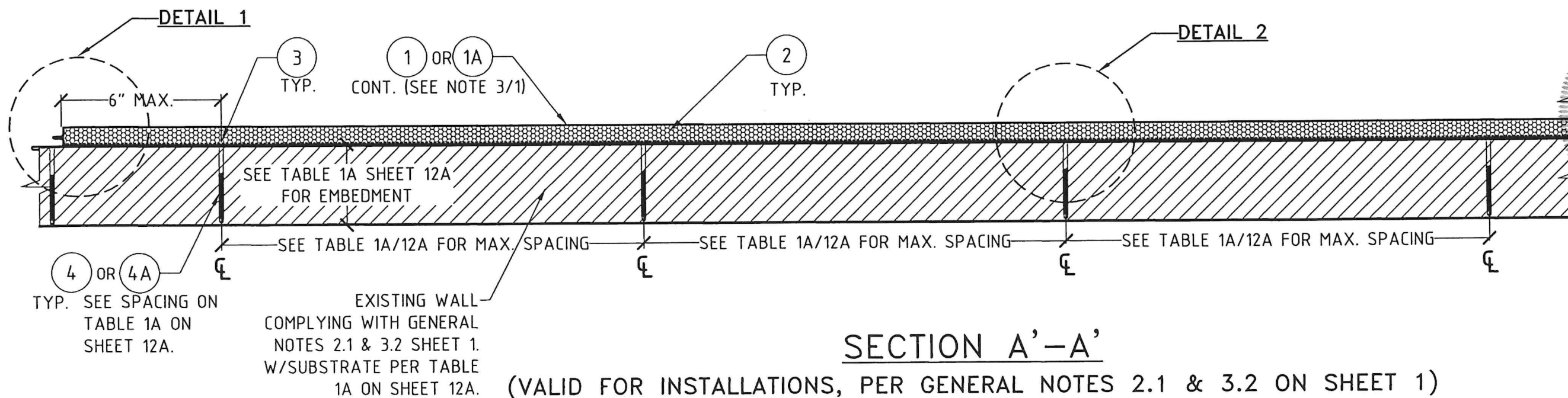
DETAIL 1
SCALE: N.T.S

EXISTING WALL
COMPLYING WITH
GENERAL NOTES 2.1 &
3.2 SHEET 1.
W/SUBSTRATE PER
TABLE 1A ON SHEET
12A



DETAIL 2
SCALE: N.T.S

EXISTING WALL
COMPLYING WITH
GENERAL NOTES 2.1 &
3.2 SHEET 1.
W/SUBSTRATE PER
TABLE 1A ON SHEET 12A



SECTION A'-A'

(VALID FOR INSTALLATIONS, PER GENERAL NOTES 2.1 & 3.2 ON SHEET 1)

SCALE: 1/4"=1'-0"

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 NW 36th Street, Suite 100, Fort Lauderdale, FL 33309
Phone: (305) 871-1530, Fax: (305) 871-1531

WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

No. 44167

STATE OF FLORIDA
PROFESSIONAL ENGINEER
WALTER A. TILLIT JR.
4/10/2026

P.E. SEAL/SIGNATURE/DATE

ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

SANTURCE INVERSIONES S.A., LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

DATE: 7/14/23
DRAWING No. 23-098

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 31-038	7/14/23	3	-	-
2	DIRECT MOUNT	3/27/24	4	-	-

SHEET 5A OF 12

EXISTING WALL
COMPLYING WITH
GENERAL NOTES 2.1 OR 3.1, SHEET 1, W/
SUBSTRATE PER TABLE 2
ON SHEET 12.

EXISTING WALL
COMPLYING WITH
GENERAL NOTES 2.1 OR 3.1,
SHEET 1, W/
SUBSTRATE PER TABLE 2
ON SHEET 12.

DETAIL 1
(SIM.)

DETAIL 1
(SIM.)

4 OR 4A
TYP.
SEE TABLE 2
ON SHEET 12

4 OR 4A
TYP.
SEE TABLE 2 ON SHEET 12
FOR TYPICAL SPACING FOR ②, ④ & 4A

②
(SEE SPACING
ON TABLE 1
SHEET 12)

4 OR 4A
TYP.
SEE TABLE 2 ON SHEET 12
FOR TYPICAL SPACING FOR ②, ④ & 4A

DETAIL 2
(SIM.)

②
(SEE SPACING
ON TABLE 1
SHEET 12)

DETAIL 2
(SIM.)

③
EACH ②
@ 1 OR 1A

④ OR 4A
EACH ②
SEE TABLE 2
ON SHEET 12

DETAIL 1
SCALE: N.T.S.

DETAIL 2
SCALE: N.T.S.

SECTION B-B

SCALE: 1/4"=1'-0"

SECTION C-C

SCALE: 1/4"=1'-0"

(VALID FOR INSTALLATIONS,

PER GENERAL NOTES 2.1 & 3.1 ON SHEET 1)

(ACCESSORIES AS
APPLICABLE) CONT.
SHEETS 10 & 11

DETAIL 3
SCALE: N.T.S.

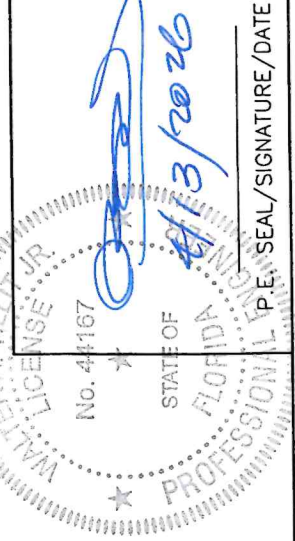
④ OR 4A
EACH ②
SEE TABLE 2
SHEET 12

DETAIL 3
(SIM.)

DETAIL 3
(SIM.)

④ OR 4A
EACH ②
SEE TABLE 2
ON SHEET 12

DETAIL 3
SCALE: N.T.S.



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

W.H.
DRAWN BY:

SANTURCE INVERSIONES S.A, LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

DATE:

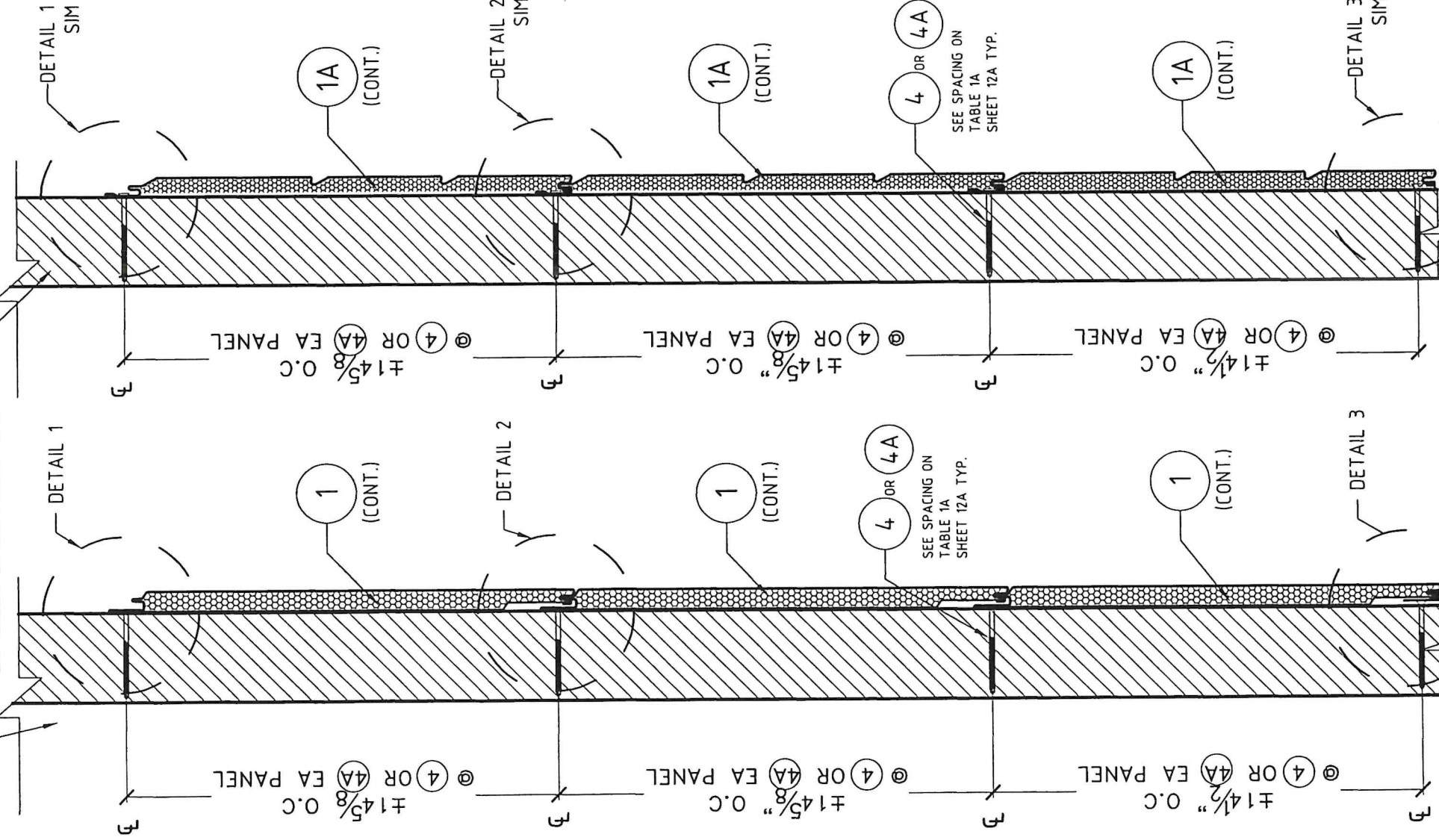
23-098

DRAWING No.

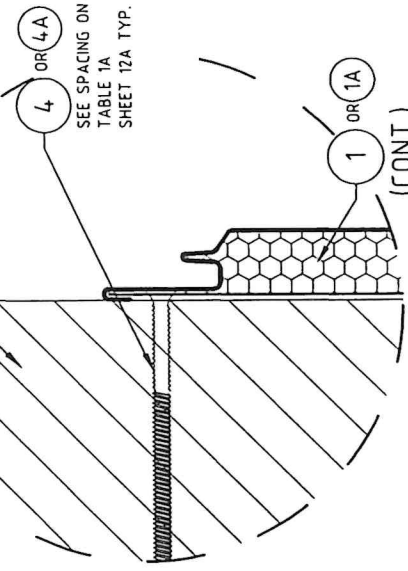
P.E. SEAL/SIGNATURE/DATE

SHEET 6 OF 12

EXISTING WALL
COMPLYING WITH GENERAL NOTES
2.1 & 3.2 SHEET 1. W/SUBSTRATE
PER TABLE 1A ON SHEET 12A.

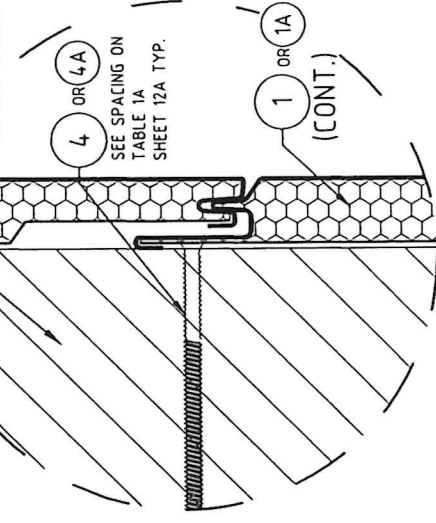


EXISTING WALL
COMPLYING WITH
GENERAL NOTES 2.1 & 3.2
SHEET 1. W/SUBSTRATE
PER TABLE 1A ON SHEET
12A.



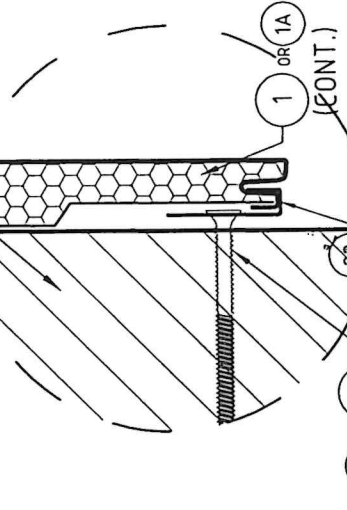
DETAIL 1
SCALE: N.T.S

EXISTING WALL
COMPLYING WITH GENERAL
NOTES 2.1 & 3.2 SHEET 1.
W/SUBSTRATE PER TABLE
1A ON SHEET 12A.



DETAIL 2
SCALE: N.T.S

EXISTING WALL
COMPLYING WITH GENERAL
NOTES 2.1 & 3.2 SHEET 1.
W/SUBSTRATE PER TABLE
1A ON SHEET 12A.

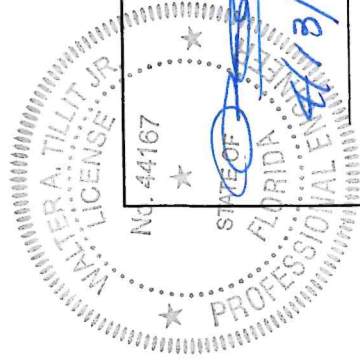


DETAIL 3
SCALE: N.T.S

SECTION B'-B':
SCALE: N.T.S

SECTION C'-C':
SCALE: N.T.S

(VALID FOR INSTALLATIONS,
PER GENERAL NOTES 2.1 & 3.2 ON SHEET 1)



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6335 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33166
Phone : (305)871-1300 FAX : (305)871-1331
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

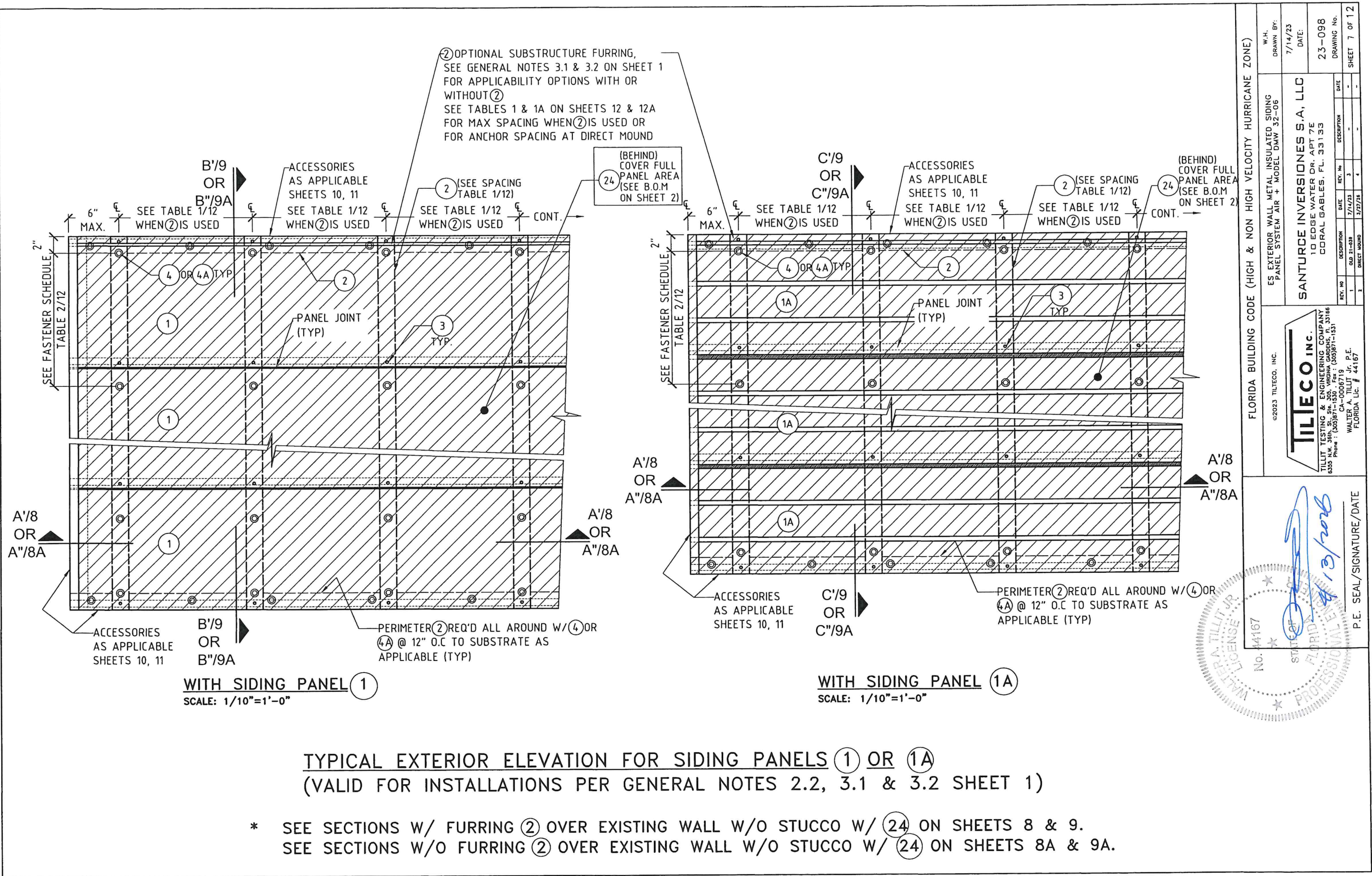
ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

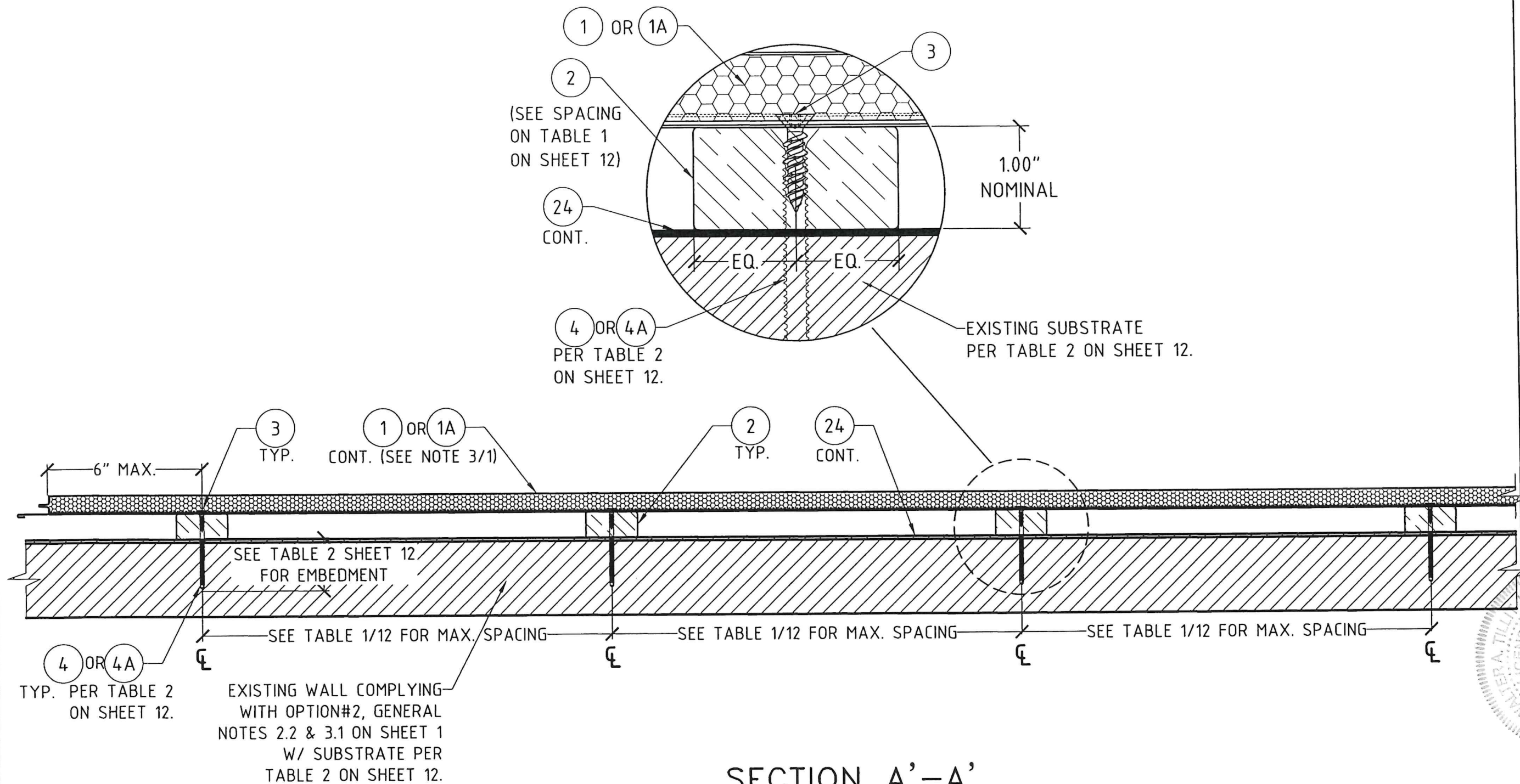
SANTURCE INVERSIONES S.A, LLC

10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 31-039	7/14/23	3		
2	DIRECT MOUND	7/27/23	4		

W.H. DRAWN BY: 7/14/23
DATE: 23-098
DRAWING No. SHEET 6A OF 12





SECTION A'-A'

(VALID FOR INSTALLATIONS, PER GENERAL NOTES 2.2 & 3.1 SHEET 1)

SCALE: 1/4"=1'-0"

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:		DATE:		DRAWING No.	
ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06		7/14/23		23-098	
SANTURCE INVERSIONES S.A., LLC		10 EDGE WATER DR. APT 7E CORAL GABLES, FL. 33133		SHEET 8 OF 12	
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 31-039	7/14/23	3	-	-
2	DIRECT UOUD	3/27/24	4	-	-

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TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6335 N.W. 38th St., Ste. 100, Virginia Beach, VA 23466
Phone: (305) 741-1531

WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

No. 44167

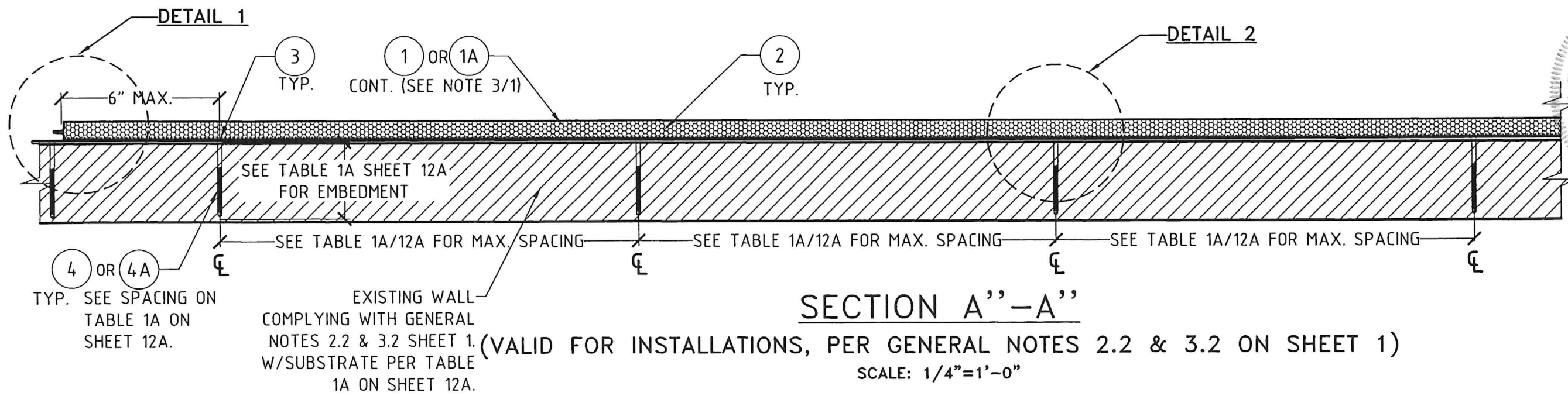
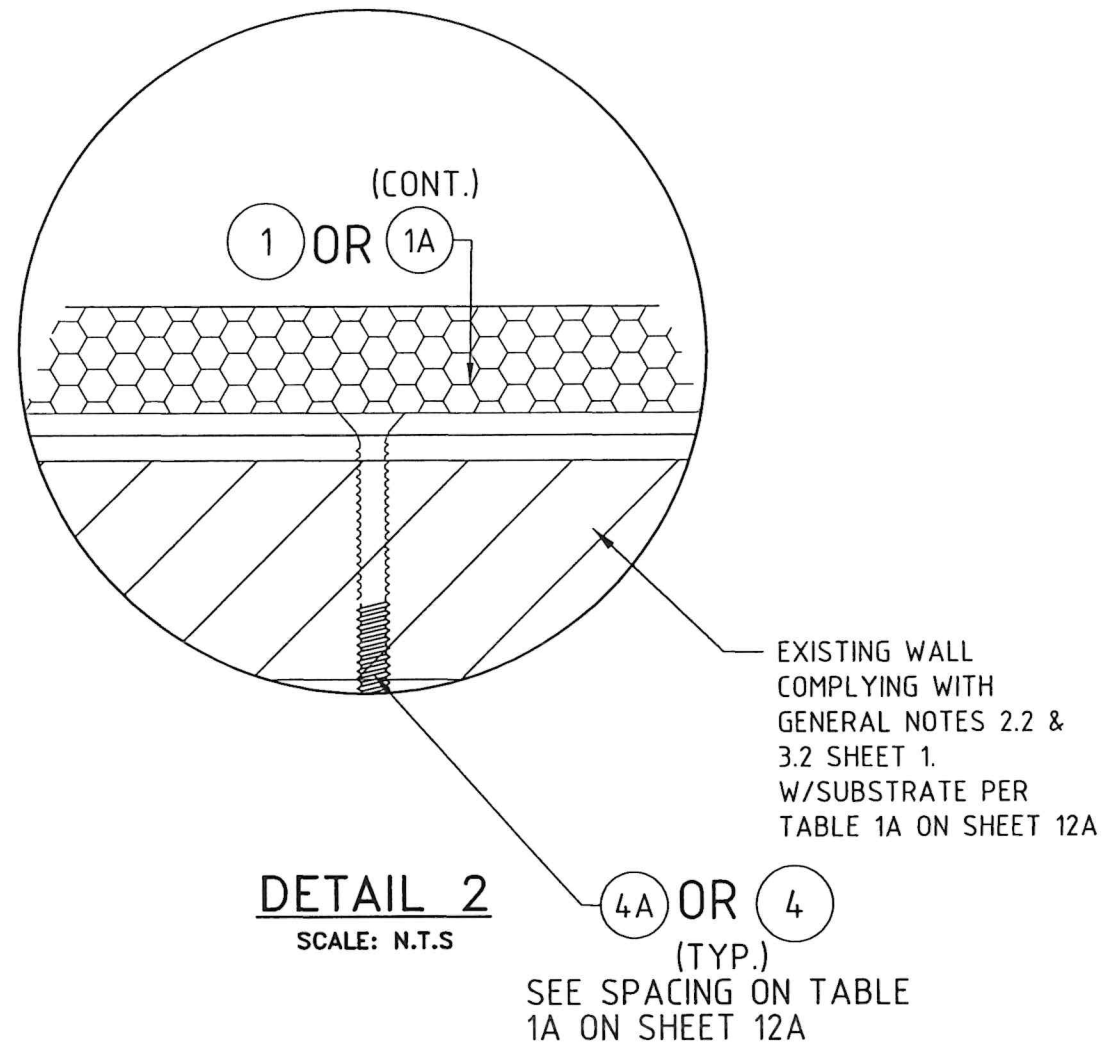
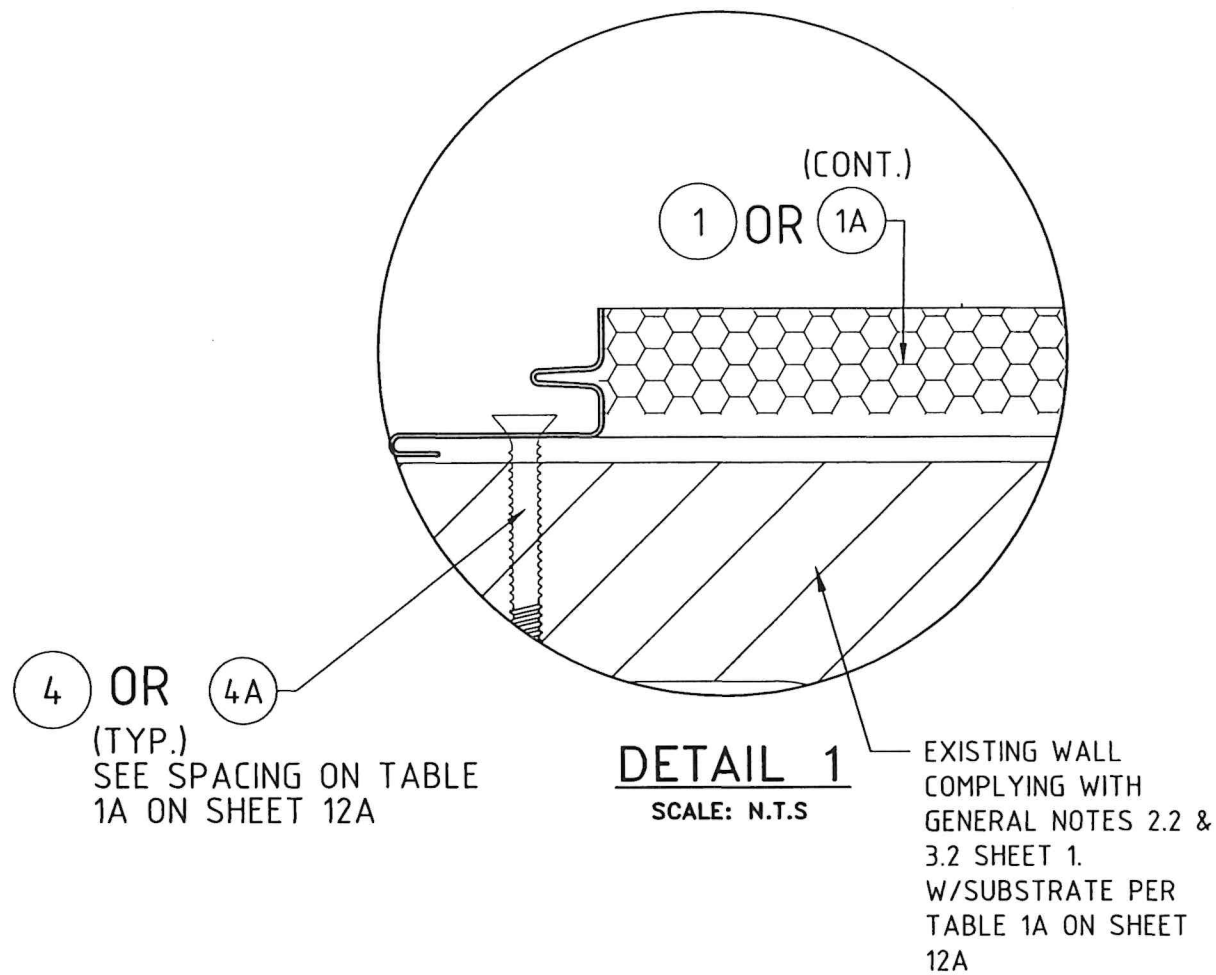
STATE OF FLORIDA

PROFESSIONAL ENGINEER

WALTER A. TILLIT JR.

4/13/2028

P.E. SEAL/SIGNATURE/DATE

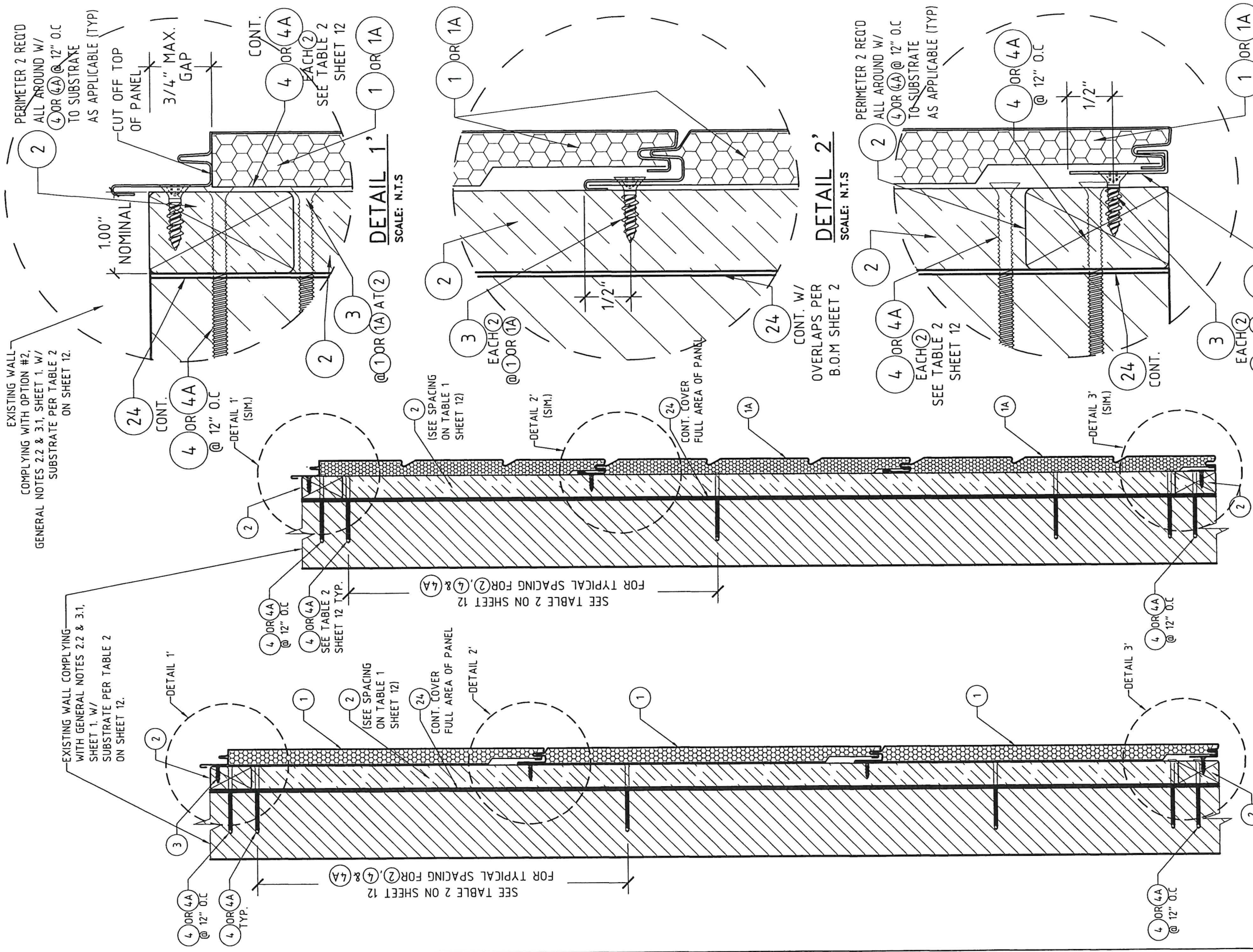


FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 7/14/23		DATE: 23-098	
ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06		SANTURCE INVERSIONES S.A, LLC	
10 EDGE WATER DR. APT 7E		CORAL GABLES, FL. 33135	
REV. NO.	DESCRIPTION	DATE	REV. NO.
1	QUB 21-038	7/14/23	3
2	DIRECT WORK	3/27/23	4

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 W. 11th Avenue, Suite 100, Fort Lauderdale, FL 33309
Phone: (305) 971-1530 Fax: (305) 971-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA LIC. # 44167

No. 44167
WALTER A. TILLIT JR.
P.E. SEAL/SIGNATURE/DATE
8/12/2023



SECTION B'-B'

SCALE: 1/4"=1'-0"

SECTION C'-C' @ 1" OR 1A

SCALE: 1/4"=1'-0"

(VALID FOR INSTALLATIONS,

PER GENERAL NOTES 2.2 & 3.1 SHEET 1)

(ACCESSORIES AS APPLICABLE) CONT.

SHEETS 10 & 11

DETAIL 3'

SCALE: N.T.S.

DETAIL 2'

SCALE: N.T.S.

DETAIL 1'

SCALE: N.T.S.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

P.E. SEAL/SIGNATURE/DATE

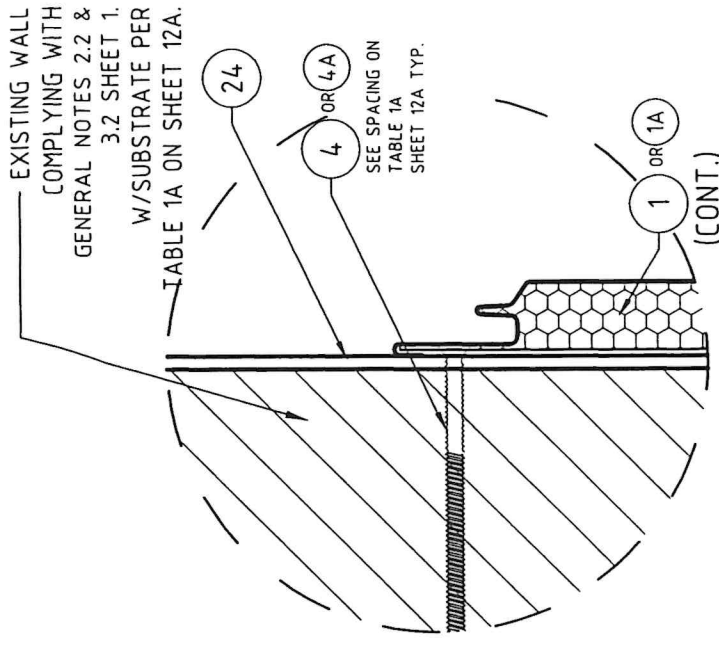
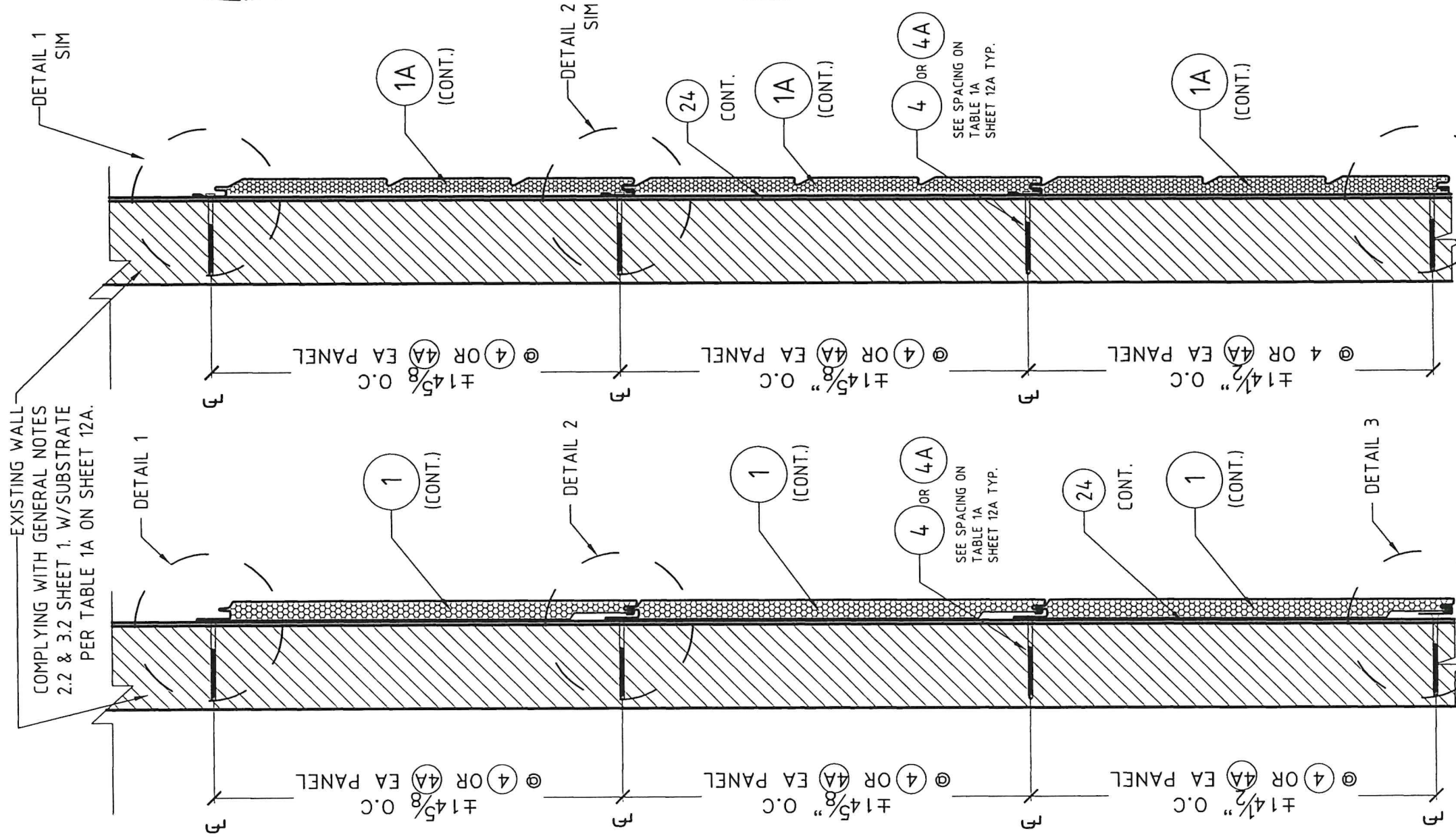
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th Ave., Suite 1300, Fort Lauderdale, FL 33309
Phone: (305) 971-1331 Fax: (305) 971-1531
CA-0006719
WALTER A. TILT JR., P.E.
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ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

SANTURCE INVERSIONES S.A, LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-038	7/14/23	3	-	-
2	DIRECT SOUND	3/27/24	4	-	-

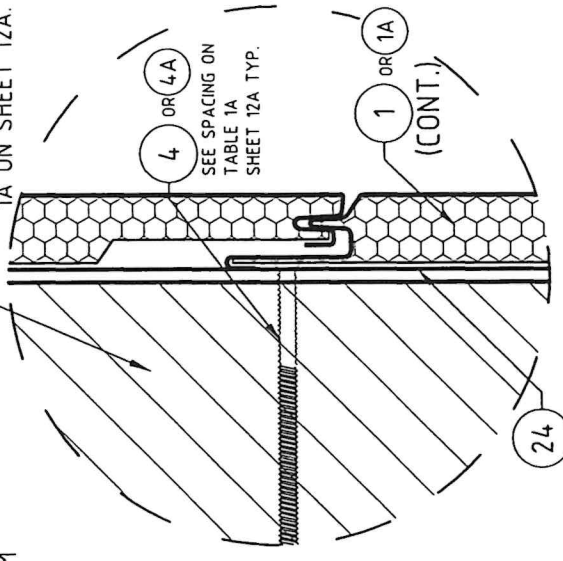
W.H.
DRAWN BY:
7/14/23
DATE:
23-098
DRAWING NO.
SHEET 9 OF 12



DETAIL 1

SCALE: N.T.S.

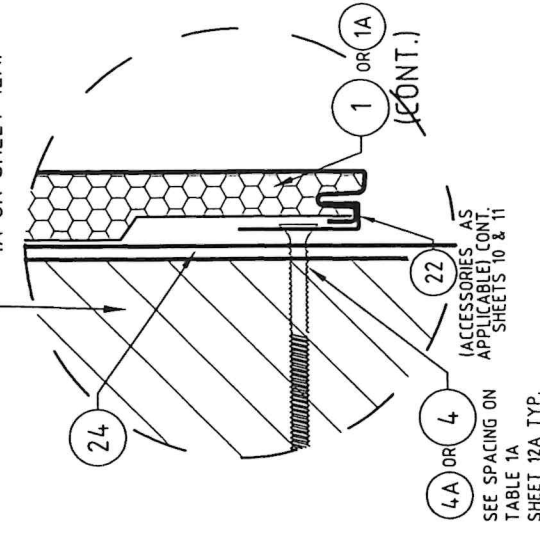
EXISTING WALL
COMPLYING WITH GENERAL
NOTES 2.2 & 3.2 SHEET 1.
W/SUBSTRATE PER TABLE
1A ON SHEET 12A.



DETAIL 2

SCALE: N.T.S.

EXISTING WALL
COMPLYING WITH GENERAL
NOTES 2.2 & 3.2 SHEET 1.
W/SUBSTRATE PER TABLE
1A ON SHEET 12A.



DETAIL 3

SCALE: N.T.S.

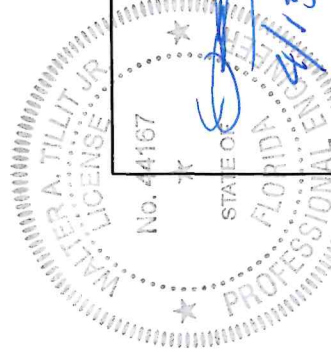
SECTION B''-B''

SCALE: N.T.S.

SECTION C''-C''

SCALE: N.T.S.

(VALID FOR INSTALLATIONS,
PER GENERAL NOTES 2.2 & 3.2 ON SHEET 1)



P.E. SEAL/SIGNATURE/DATE
4/13/2022

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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
P.O. Box 3000, Coral Gables, FL 33133
Phone: (305) 971-1530 Fax: (305) 971-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

SANTURDE INVERSIONES S.A, LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

W.H.

DRAWN BY:

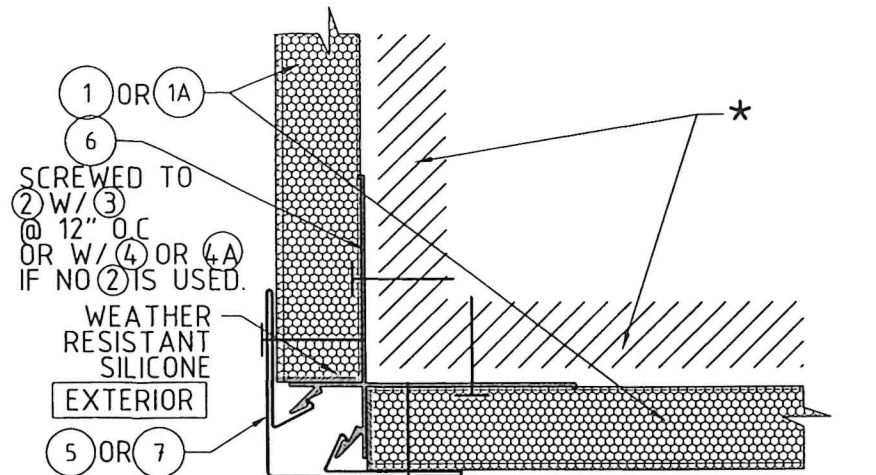
7/14/23

DATE:

23-098

DRAWING No.

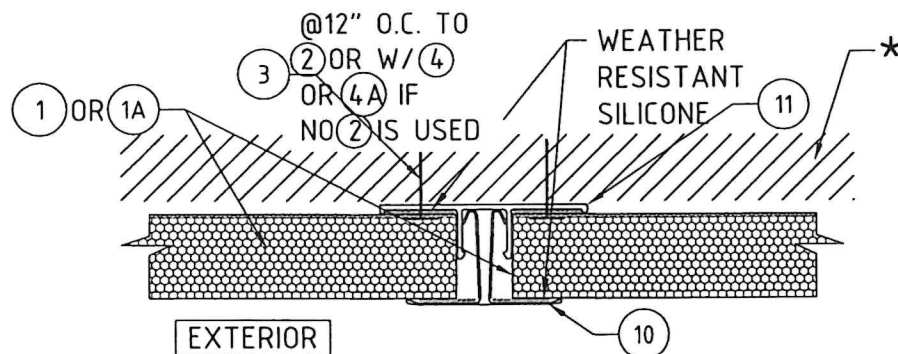
SHEET 9A OF 12



⑥ YJ01 W/ ⑤ YJ01 OR ⑦ YJ2 OUTSIDE CORNER (TOP VIEW)

YJ01 & YJ02 ACCESSORY IS USED FOR OUTSIDE CORNER CAP, TOGETHER W/ ALUM. CORNER BASE. BEFORE INSTALLING THE PANELS, FILL INSIDE EDGE OF CORNER BASE W/ WEATHER RESISTANT SILICONE.

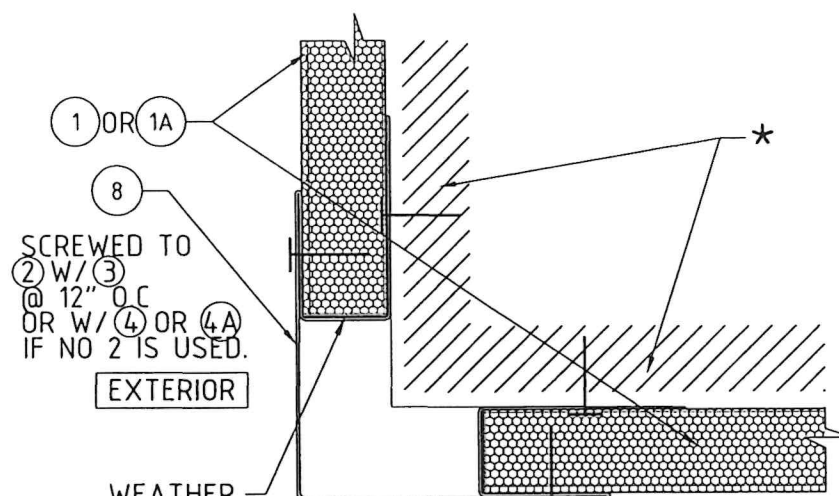
YJ02 ACCESSORY IS USED FOR OUTSIDE CORNER, TOGETHER W/ OUTSIDE CORNER CAP. ⑤ OR ⑦ FIX THE BASE TO ①, ①A PROFILE OR ② W/ SELF-TAPPING SCREW ③ OR W/ ④ OR ④A IF NO ② IS USED.



⑩ YJ01 W/ ⑪ PJDZ OUTSIDE PANEL JOINT (TOP VIEW)

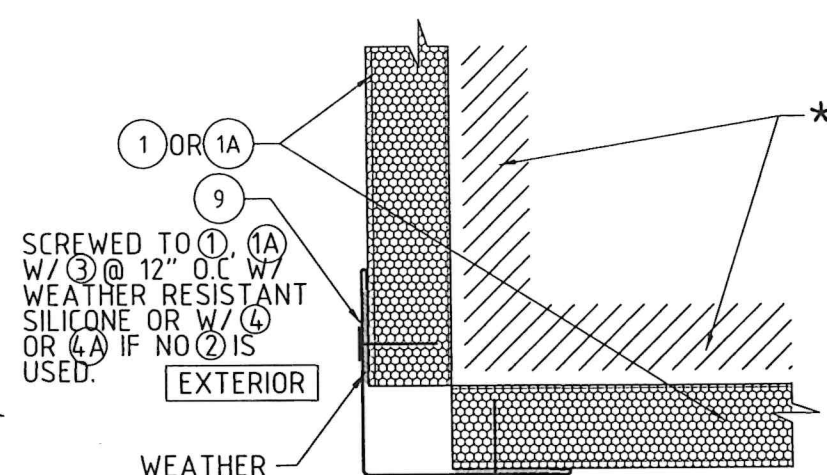
PJ01 ACCESSORY ⑩ IS USED FOR CONNECTING TWO PANELS TOGETHER W/ CONNECTING BAR BASE ⑪ ALUM. PROFILE. BEFORE INSTALLING THE PANELS FILL THE OUTSIDE EDGE OF BASE W/ WEATHER RESISTANT SILICONE.

PJDZ ACCESSORY ⑪ IS USED AS CONNECTING BAR BASE, TOGETHER W/ CONNECTING BAR. BEFORE INSTALLING THE PANELS, FILL THE OUTSIDE EDGE OF BASE W/ WEATHER RESISTANT SILICONE.



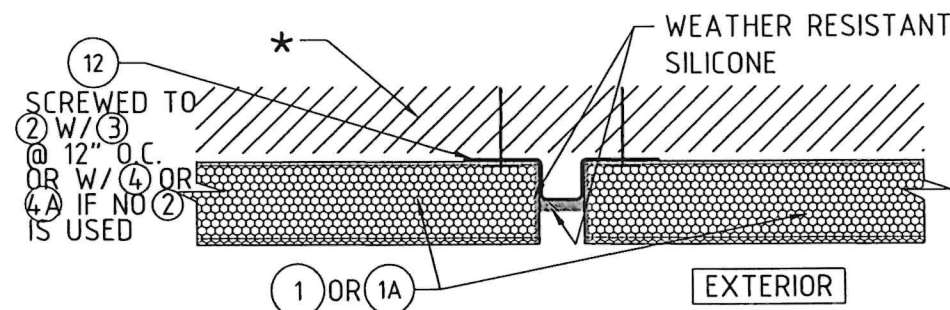
⑧ YJ03 OUTSIDE CORNER (TOP VIEW)

THIS ACCESSORY ⑧ IS USED FOR OUTSIDE CORNER. FIX THE CORNER TO ① OR ①A PROFILE OR ② W/ SELF-TAPPING SCREW ③ OR W/ ④ OR ④A IF NO ② IS USED, AND FILL THE INSIDE EDGE OF CORNER W/ WEATHER RESISTANT SILICONE.



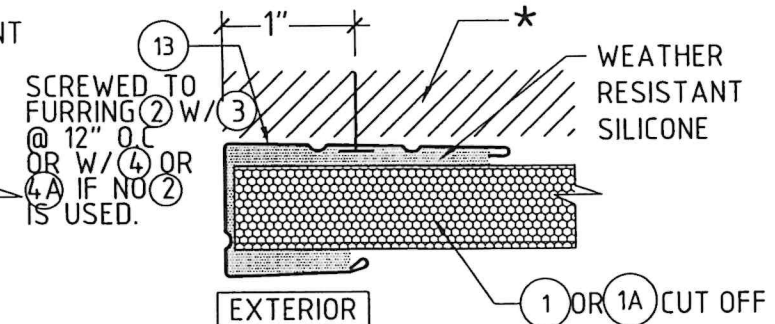
⑨ YJ04 OUTSIDE CORNER (TOP VIEW)

THIS ACCESSORY ⑨ IS USED FOR OUTSIDE CORNER CAP. FIX THE CORNER CAP W/ SELF-TAPPING SCREW ③ TO ①, ①A OR W/ ④ OR ④A IF NO ② IS USED, AND SEAL THE GAP W/ WEATHER RESISTANT SILICONE.



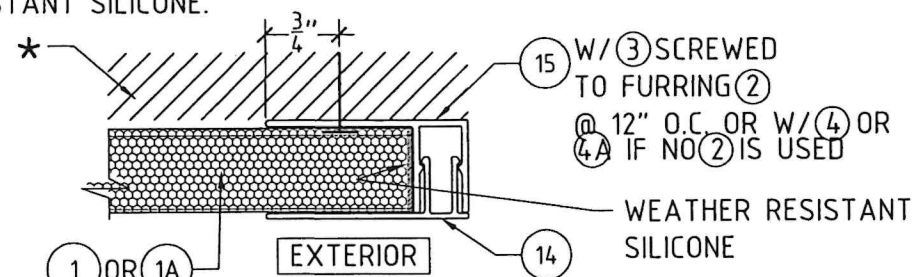
⑫ PJ02 CONNECTING BAR FOR PANEL JOINT (TOP VIEW)

THIS ACCESSORY IS USED FOR CONNECTING TWO PANELS. AFTER FASTENING THE ACCESSORY W/ SELF-TAPPING SCREWS ③ TO ② OR W/ ④ OR ④A IF NO ② IS USED, AND FILL THE GAP W/ WEATHER RESISTANT SILICONE.



⑬ SBT J-CANNEL/ YINJ01 INSIDE CORNER (TOP VIEW)

THIS ACCESSORY ⑬ IS USED FOR TRIMMING THE PANEL EDGE OR CUTTING PART. FIX TO ② W/ SELF-TAPPING SCREW ③ OR W/ ④ OR ④A IF NO ② IS USED.



⑭ SKJD EDGE COVER BASE W/ ⑮ SKJK EDGE COVER (TOP VIEW)

SKJD ACCESSORY ⑭ IS USED FOR COVERING THE PANEL EDGE AT SIDES FIX ⑮ TO ② W/ ③ AND SEAL THE INSIDE OF THE PART W/ SILICONE ALL AROUND PANEL

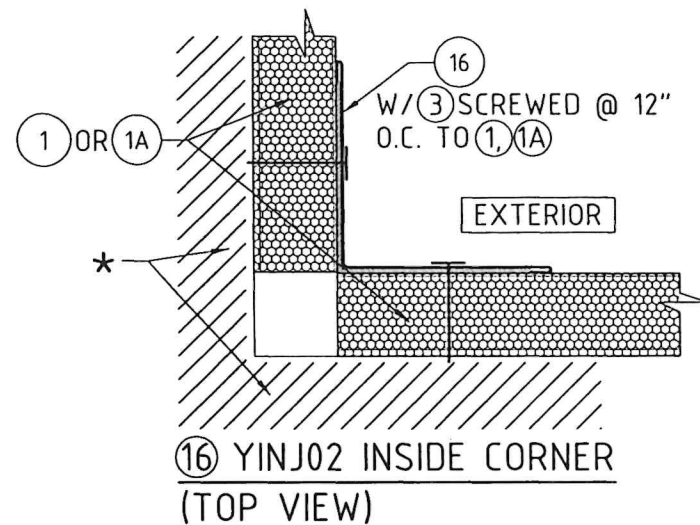
SKJK ACCESSORY ⑮ IS USED FOR COVERING THE PANEL EDGE AT SIDES CLIP THE COVER INTO ⑭ AND SEAL THE INSIDE OF THE PART W/ SILICONE ALL AROUND PANEL

ACCESSORY INSTALLATION DETAILS

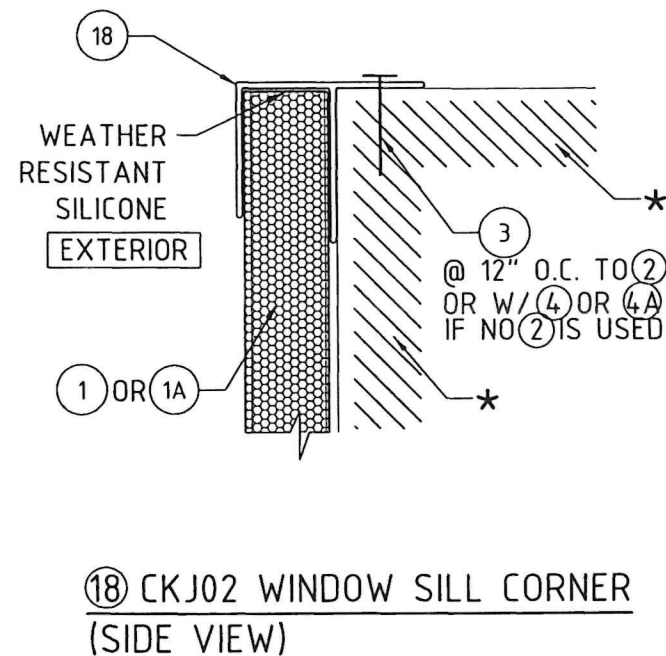
N.T.S.

* SUPPORT WALL COMPLYING W/ EITHER OPTIONS #1 OR #2 AS PER GENERAL NOTES 2.1 & 2.2 & NOTES 3.1 OR 3.2 ON SHEET 1

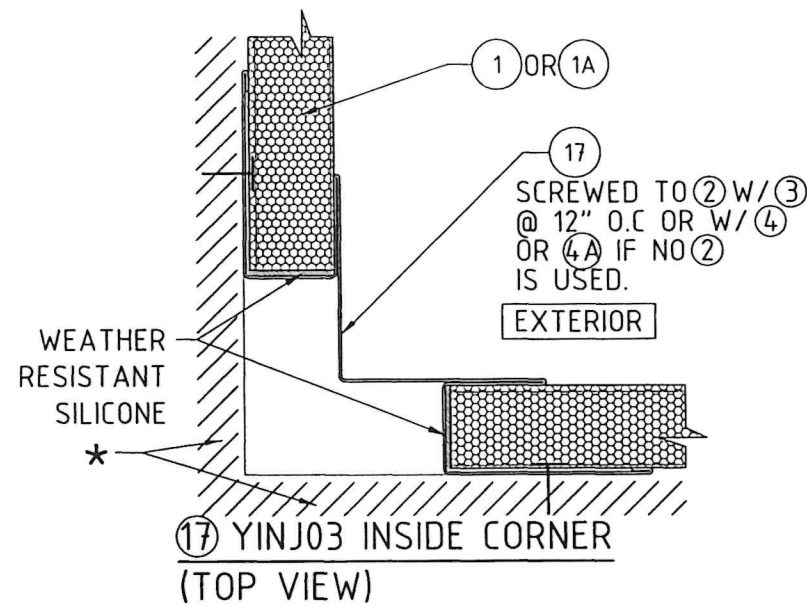
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		W.H. DRAWN BY: 7/14/23	DATE: 23-098	DRAWING No. 23-098	SHEET 10 OF 12
ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06		SANTURCE INVERSIONES S.A, LLC			
		10 EDGE WATER OR. APT 7E			
		CORAL GABLES, FL. 33133			
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-098	7/14/23	3		
2	DIRECT WIND	3/27/25	4		
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 1305, Virginia Gardens, FL 33166 Phone: 1 (305) 871-1531 FAX: 1 (305) 871-1531 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167					
P.E. SEAL/SIGNATURE/DATE					



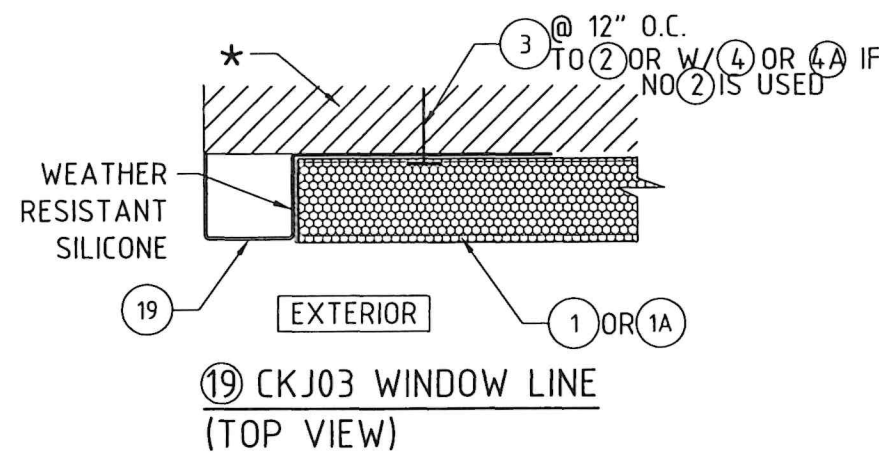
THIS ACCESSORY IS USED FOR INSIDE CORNER. USE 3 SCREWED @ 12" O.C TO FIX THE ACCESSORY TO 1, 1A



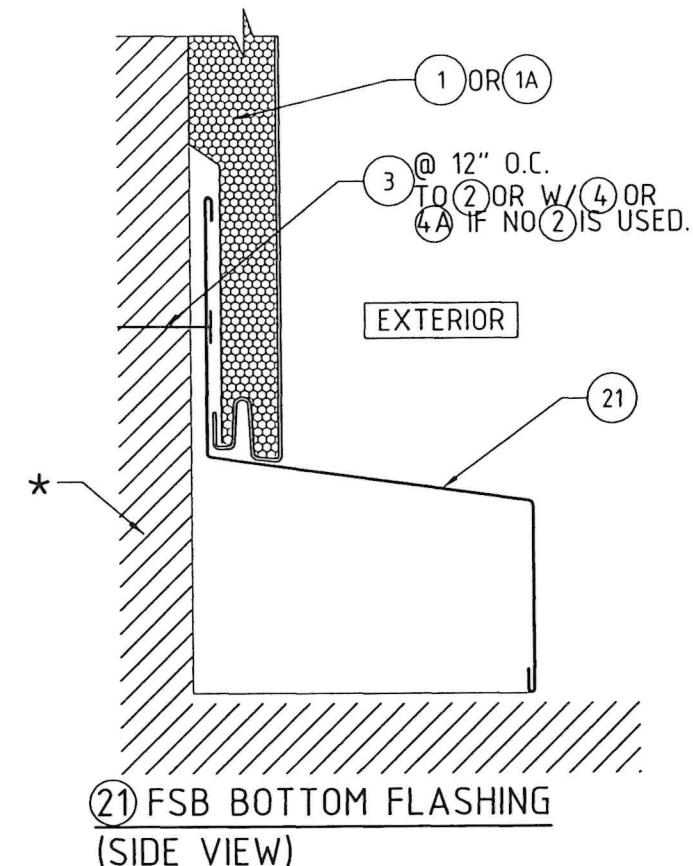
THIS ACCESSORY 18 IS USED FOR TRIMMING THE WINDOW EDGE. FIX THE PART TO 2 W/ 3 OR W/ 4 OR 4A IF NO 2 IS USED, AND SEAL THE INSIDE EDGE OF THE PART WITH SILICONE.



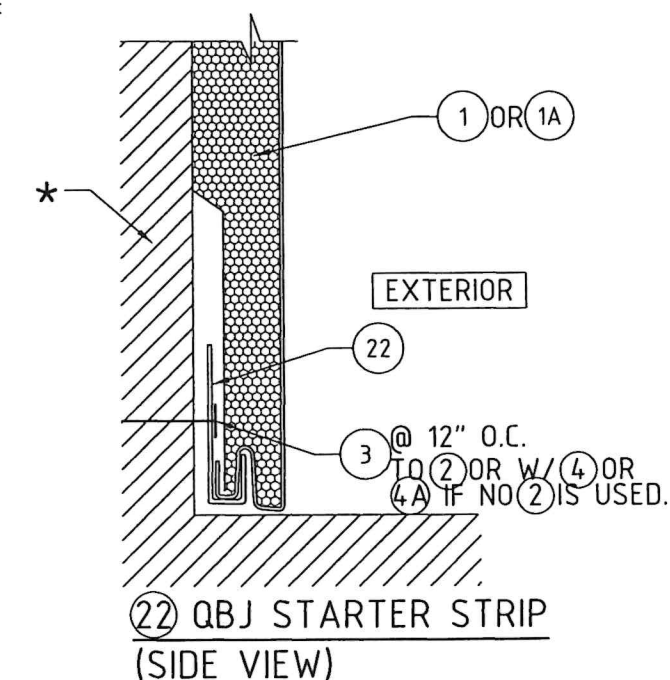
THIS ACCESSORY 17 IS USED FOR INSIDE CORNER. FIX THE PART TO 2 W/ 3 OR W/ 4 OR 4A IF NO 2 IS USED, AND SEAL THE INSIDE EDGE OF THE PART W/ SILICONE ALL AROUND PANELS.



THIS ACCESSORY 19 IS USED FOR TRIMMING THE WINDOW EDGE. FIX THE PART TO 2 W/ 3 OR W/ 4 OR 4A IF NO 2 IS USED, AND SEAL THE INSIDE EDGE OF THE PART WITH SILICONE.



THIS ACCESSORY 21 IS USED FOR BOTTOM FLASHING, PREVENTING THE WALL FROM TAKING WATER. FIX THE FLASHING TO 2 W/ SELF-TAPPING SCREW 3 @ 12" O.C. OR W/ 4 OR 4A IF NO 2 IS USED.



THIS ACCESSORY 22 IS USED FOR FASTENING THE BOTTOM OF FIRST PANEL TO INSTALL AND KEEP THE PANELS ON THE SAME HORIZONTAL. USE 22 W/ SELF TAPPING SCREW 3 @ 12" O.C TO FIX IT TO 2 OR W/ 4 OR 4A IF NO 2 IS USED.

ACCESSORY INSTALLATION DETAILS (CONTINUED)

N.T.S.

* SUPPORT WALL COMPLYING W/ EITHER OPTIONS #1 OR #2 AS PER GENERAL NOTES 2.1, 2.2 & 3.1 & 3.2 ON SHEET 1

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY: 7/14/23 DATE: 23-098 DRAWING No. SHEET 11 OF 12		ES EXTERIOR WALL METAL INSULATED SIDING PANEL SYSTEM AIR + MODEL DMW 32-06	
SANTURCE INVERSIONES S.A, LLC		10 EDGE WATER DR. APT 7E CORAL GABLES, FL. 33133	
REV. NO.	DESCRIPTION	DATE	REV. NO.
1	QJD 21-03R	7/14/23	3
2	DIRECT SOUND	3/27/24	4

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33166
Phone: (305) 871-1511
WALTER A. TILLIT, Jr., P.E.
FLORIDA Lic. # 44167

2024/2/26
P.E. SEAL/SIGNATURE/DATE

TABLE 1A: MAX. ANCHOR ④ OR ④A SPACING GIVEN AN A.S.D. DESIGN PRESSURE RATING FOR DIRECT INSTALLATIONS OF SIDING PANELS ① OR ①A TO WALLS MADE OF CONCRETE BLOCK OR POURED CONCRETE OR 16" O.C. 18 GAGE METAL STUDS W/ APPROVED SHEATHING

A.S.D. PRESSURE RATING P.S.F	MAX ANCHOR SPACING AT WALL SUBSTRATE ALONG SIDING ① OR ①A LENGTH*			
	W/ ④ ***		W/ ④A **	
	CONCRETE MIN f'c= 3 KSI		CONCRETE BLOCK MIN ASTM C-90	18 GAGE METAL STUDS 16" O.C. W/ APPROVED SHEATHING ** MIN Fy= 33 KSI
	HVHZ	NHVHZ	HVHZ & NHVHZ	HVHZ & NHVHZ
±45	15" O.C	16" O.C	12" O.C	16" O.C
±50	14" O.C	16" O.C	12" O.C	16" O.C
±55	14" O.C	16" O.C	12" O.C	16" O.C
±60	13" O.C	15" O.C	12" O.C	16" O.C
±65	13" O.C	15" O.C	12" O.C	16" O.C
±70	13" O.C	15" O.C	12" O.C	16" O.C
±72.5	12" O.C	14" O.C	12" O.C	16" O.C

- * ANCHORS 4 & 4A MUST BE INSTALLED AT PANELS CENTER OF SIDING PANELS 1.18" LONG LIP.
- ** SHEATHING MUST COMPLY W/ SECTIONS 1626.4 (2), 1404.2 OF THE FLORIDA BUILDING CODE.
- *** SEE ANCHOR ④ & ④A EDGE DISTANCE & EMBEDMENT ON TABLE 2, SHEET 12.

DIRECT INSTALLATIONS OF SIDING ① OR ①A
INTO WALLS W/O FURRING ②

(APPLIES TO INSTALLATIONS
PER GENERAL NOTES 2.1, 2.2 & 3.2 ON SHEET 1)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H.
DRAWN BY:
7/14/23

DATE:
7/14/23

ES EXTERIOR WALL METAL INSULATED SIDING
PANEL SYSTEM AIR + MODEL DMW 32-06

SANTURCE INVERSIONES S.A, LLC
10 EDGE WATER DR. APT 7E
CORAL GABLES, FL. 33133

23-098
DRAWING No.

©2023 TILTECO, INC.

TILECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6335 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186
Phone: (352) 871-1531

WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

WALTER A. TILLIT JR.
No. 44167

2023/07/14

2023/07/14

P.E. SEAL/SIGNATURE/DATE

REV. NO.

DESCRIPTION

DATE

REV. NO.

DESCRIPTION

DATE

1

OLD 21-039

7/14/23

3

-

-

2

DIRECT SOUND

3/27/23

4

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SHEET 12A OF 12