

GENERAL NOTES:

1. THIS PRODUCT APPROVAL DOCUMENT (P.E.D.) FOR NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM, INDICATED AND SPECIFIED ON THIS DRAWING, 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 THIS SHEET.
- IN ORDER TO VERIFY THAT COMPONENTS AND ANCHORS 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 NDS 2018.
- NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 PROFILES' ADEQUACY FOR WIND AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER BLACKWATER TESTING INC. REPORT #BT-NTW-19-002 PER TAS 202 & 203 PROTOCOLS, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 AND 1604 OF THE FLORIDA BUILDING CODE. SEE NOTE 8 BELOW FOR ADDITIONAL TESTING PERFORMED ON PRODUCT.
2. BUILDING WALL SYSTEM WHERE DECORATIVE EUROPEAN WALL CLADDING PANELS WILL BE INSTALLED SHALL BE DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT AND SHALL BE BUILT IN ACCORDANCE WITH THE FLORIDA BUILDING CODE FOR IMPACT, WIND & WATER RESISTANCE AS PER SECTIONS 1626.4(1), 1404.4, 1404.6 AND 1626.4(2), 1404.2 OF THE FLORIDA BUILDING CODE. SEE NOTES ON SHEET 5 FOR ADDED LIMITATIONS & CONDITIONS FOR WOOD FRAME WALLS.
3. MAXIMUM A.S.D. DESIGN WIND PRESSURE RATING FOR THIS PRODUCT SHALL NOT EXCEED MAXIMUM VALUES PER SHEET 26.
- * PROFILES TO BE CONTINUOUS MIN. OVER 3 SPANS. UH46 BOARDS MAY BE INSTALLED VERTICALLY OR HORIZONTALLY STRICTLY FOLLOWING THE DETAILS INDICATED ON THIS DRAWING.
4. COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON SHEETS 2 & 3 OF THIS DRAWING.
5. SUBFRAME AND CORNER COMPONENTS PROVIDING SUPPORT TO NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE EXISTING STRUCTURAL WALL. SUBFRAME PROFILES MUST BE AS INDICATED ON BILL OF MATERIALS SHEET 2 AND 3 AND SHALL BE SPACED AS PER DETAILS ON SHEETS 4 THRU 27.
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 IN 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 BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.. PROFESSIONAL OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
8. DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM PROFILES ARE MADE OF A TECHNOLOGICAL WOOD MATERIAL COMPOSED OF THE COMBINATION OF A PVC COMPONENT AND WOOD FIBERS TO CREATE A MATERIAL WITH A DIMENSIONAL STABILITY THAT IS MUCH GREATER THAN BOTH TRADITIONAL WPC AND WOOD ITSELF.

PANEL HAS NO PROBLEM RESISTING WATER BECAUSE 80% OF THE WOOD FIBERS ARE COATED BY THE POLYMERIC COMPONENT (PVC AND OTHER ELEMENTS IN THE FORMULA) AND ITS ALSO COATED WITH A CAP LAYER MADE OF POLYETHYLENE BASED COMPOUNDED POLYMER W/58 HARDNESS, PROVIDED BY NEWTECHWOOD AMERICA, INC. CONTAINS NO TOXIC MATERIALS, IS LEED COMPLAINT (SUSTAINABILITY) AND IS NOT SUBJECT TO THE DESTRUCTIVE ACTION OF WOODWORM, FUNGI AND PARASITES. THERMAL EXPANSION MUST BE CONSIDERED DEPENDING ON PANEL LENGTH BY USING COEFFICIENT OF THERMAL EXPANSION LISTED BELOW. PANEL MATERIAL FIRE BURNING CHARACTERISTICS AND WEATHERING HAVE BEEN VERIFIED AS FOLLOWS:

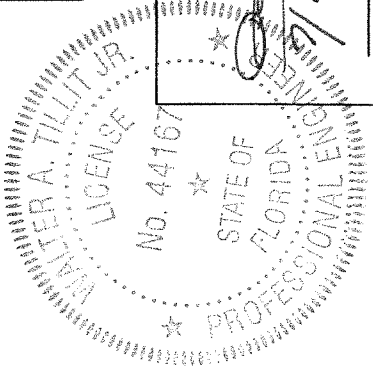
QUALIFICATION	TEST METHOD	TEST RESULT
DENSITY	ASTM D 2395	1.14 gr/cm ³ (71.1lb/ft ³)
BENDING STRENGTH	ASTM D 4761	3,000 psi
MODULUS OF ELASTICITY	ASTM D 4761	493,000 psi
COEFFICIENT OF LINEAR THERMAL EXPANSION	ASTM D 696	35.6 x10 ⁻⁶ mm/mm °C
WATER ABSORPTION AND HUMIDITY	ASTM D 1073	LITTLE UP TO NO WATER ABSORPTION. (0.11 %) (ONLY SURFACE MOISTURING)
FLAME SPREAD	ASTM E 84	80 (CLASS C)*
SMOKE INDEX	ASTM E 84	300 (CLASS C)*
RATE, EXTENT & TIME OF BURNING	ASTM D 635	CC1 *
SPONTANEOUS SELF/IGNITION TEMP.	ASTM D 1929	820° F *
FLASH IGNITION TEST	ASTM D 1929	800° F *
WEATHERING FOR OUTDOOR EXPOSURE	ASTM G 155 ASTM D 638	9.1% **

* TEST # RJ6449F-1, RJ6449F-2 & RJ6449F-3 BY QAI LAB.
** PER BLACKWATER TESTING INC. REPORT # BT-NTW-19-001

9. PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY VISIBLE AT PLANK LOCATION IN ACCORDANCE WITH SECTION 1703.5 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)		Y.M. DRAWN BY:	7/14/23 DATE:	23-111 DRAWING NO.	SHEET 1 OF 28
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM					
NEWTECHWOOD AMERICA, INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032					
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6335 N.W. 34th St., Ste. 302, Virginia Gardens, Ft. 33146 Phone : (305) 971-1530 Fax : (305) 971-1531 CA-0006719 WALTER A. TILLIT JR., P.E. FLORIDA LIC. # 44167					
P.E. SEAL/SIGNATURE/DATE					



BILL OF MATERIALS

COMPONENT No.	PART #	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
①.	AW02	STARTER CLIP	SEE COMPONENT DETAIL	6063-T5 ALLOY	NEWTECHWOOD	USE AT ENDS AS APPLICABLE
②A.	-	FLAT HEAD WOOD SCREW	#8-18 x 3/4"	AISI 304 STAINLESS STEEL	NEWTECHWOOD	TO FIX ⑤ TO ⑨A
②A1.	-	FLAT HEAD WOOD SCREW	#8-18 x 1 1/4"	AISI 304 STAINLESS STEEL	NEWTECHWOOD	TO FIX ③ TO ⑨A THRU ⑫
②B.	-	FLAT HEAD SELF DRILLING SCREW	#8-18 x 1/2"	AISI 410 STAINLESS STEEL	NEWTECHWOOD	TO FIX ⑤ TO ⑨B
②B1.	-	FLAT HEAD SELF DRILLING SCREW	#8-18 x 1"	AISI 410 STAINLESS STEEL	NEWTECHWOOD	TO FIX ③ TO ⑨B THRU ⑫
③.*	UH-46	EUROPEAN SIDING BOARD	SEE COMPONENT DETAIL	COMPOSITE PLASTIC WOOD NEWTECHWOOD	NEWTECHWOOD	CLADDING SYSTEM
⑤.	AW08	MOUNTING CLIP	SEE COMPONENT DETAIL	6063-T5 ALLOY	NEWTECHWOOD	USE IN BETWEEN ③
⑦.	T-7	SPACER	SEE COMPONENT DETAIL	RUBBER	NEWTECHWOOD	USE AT END, OPTIONAL TO ⑫, CONNECT TO ⑨A, 9B W/2A OR 2B RESPECTIVELY.
⑧.*	UH-50	F-TRIM COVER	SEE COMPONENT DETAIL	COMPOSITE PLASTIC WOOD NEWTECHWOOD	NEWTECHWOOD	USE AT END, OPTIONAL TO ⑫, CONNECT TO ⑨A, 9B W/2A OR 2B
⑨A.	-	WOOD SUBFRAME	1.5" x 0.75"x CONTINUOUS.	P.T. SOUTHERN PINE #2(G=0.55)	NEWTECHWOOD	SUPPORT FOR ③ FIXED TO EXISTING STRUCTURE W/ ⑩
⑨A1.	-	WOOD SUBFRAME	2.00" x 0.75"x CONTINUOUS.	P.T. SOUTHERN PINE #2(G=0.55)	NEWTECHWOOD	SUPPORT FOR ⑧ FIXED TO EXISTING STRUCTURE W/ ⑩
⑨A2.	-	L WOOD CORNER FOR ⑪	SEE COMPONENT DETAIL	P.T. SOUTHERN PINE #2(G=0.55)	NEWTECHWOOD	SUPPORT FOR ① FIXED TO EXISTING STRUCTURE W/⑩
⑨B.	-	TUBE SUBFRAME	1.00" x 0.50" x 0.059" THK. x CONT.	6063-T5 ALLOY	NEWTECHWOOD	SUPPORT FOR ③ FIXED TO EXISTING STRUCTURE W/ ⑩
⑨B1.	-	PLATE SUBFRAME	2.00" x 0.50"x CONTINUOUS.	6063-T5 ALLOY	NEWTECHWOOD	SUPPORT FOR ① FIXED TO EXISTING STRUCTURE W/⑩
⑨B2.	-	METAL PLATES CORNER FOR ⑪	SEE COMPONENT DETAIL	6061-T6 ALLOY	NEWTECHWOOD	SUPPORT FOR ① FIXED TO EXISTING STRUCTURE W/⑩
⑩.	-	FASTENERS FOR ⑨A, ⑨A1, ⑨A2 & ⑨B, ⑨B1, ⑨B2	1/4"Ø FLAT HEAD ULTRACONS	AISI 410 STAINLESS STEEL	ELCO CONST. PROD.	SEE ANCHOR SCHEDULES AND SPEC'S ON SHEET 28
⑪.*	UH-51	OUTSIDE CORNER TRIM	SEE COMPONENT DETAIL	COMPOSITE PLASTIC WOOD NEWTECHWOOD	NEWTECHWOOD	CLADDING SYSTEM USE AT EXTERIOR CORNERS. FIX TO ⑨A OR ⑨B W/ 2A OR 2B
⑫.	-	WOOD SHIM	SEE COMPONENT DETAIL	P.T. SOUTHERN PINE #2(G=0.55)	NEWTECHWOOD	USE TO FIX ③ TO WALL THRU ⑨A, 9B W/ ⑩ & ⑫

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

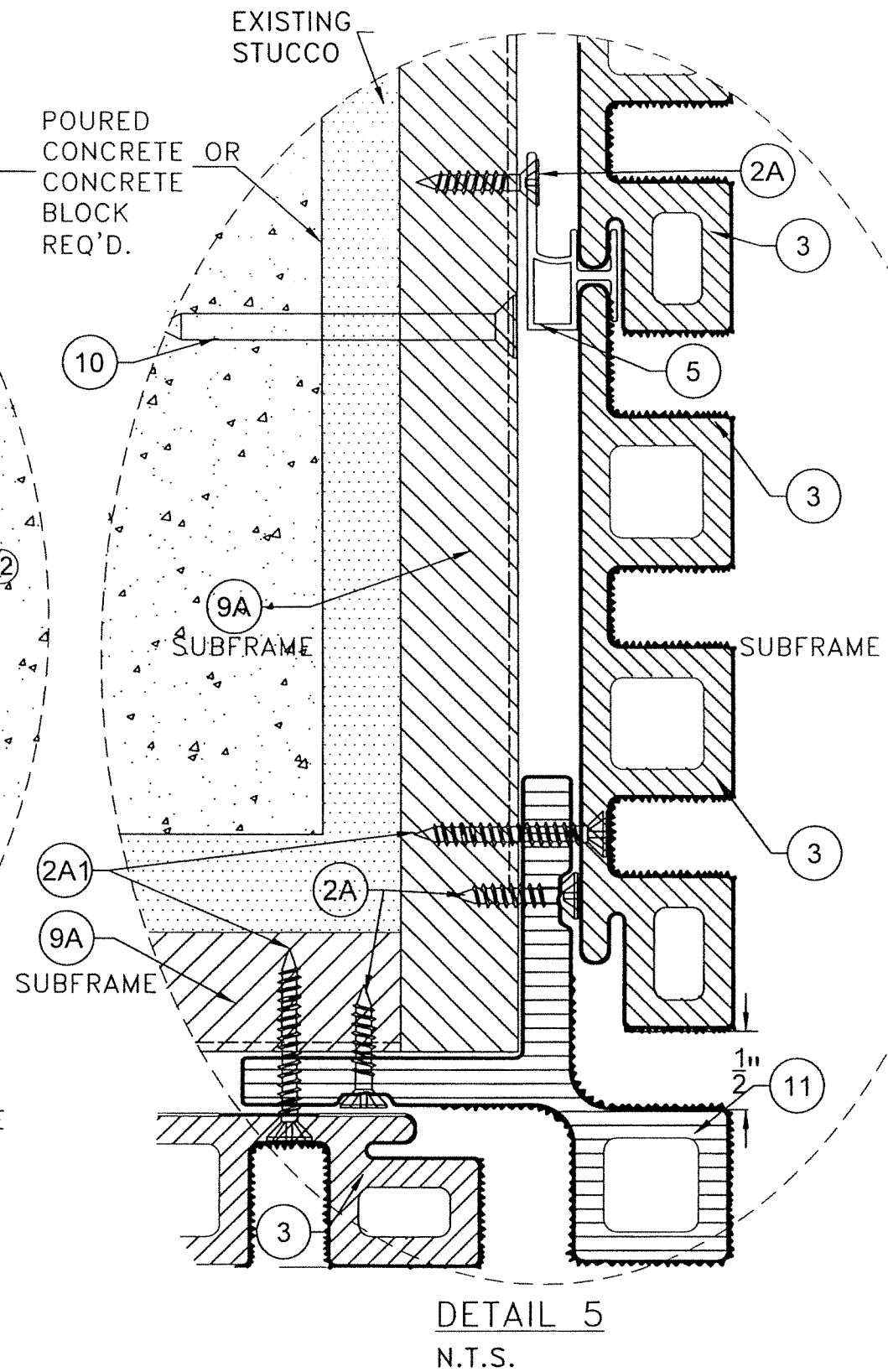
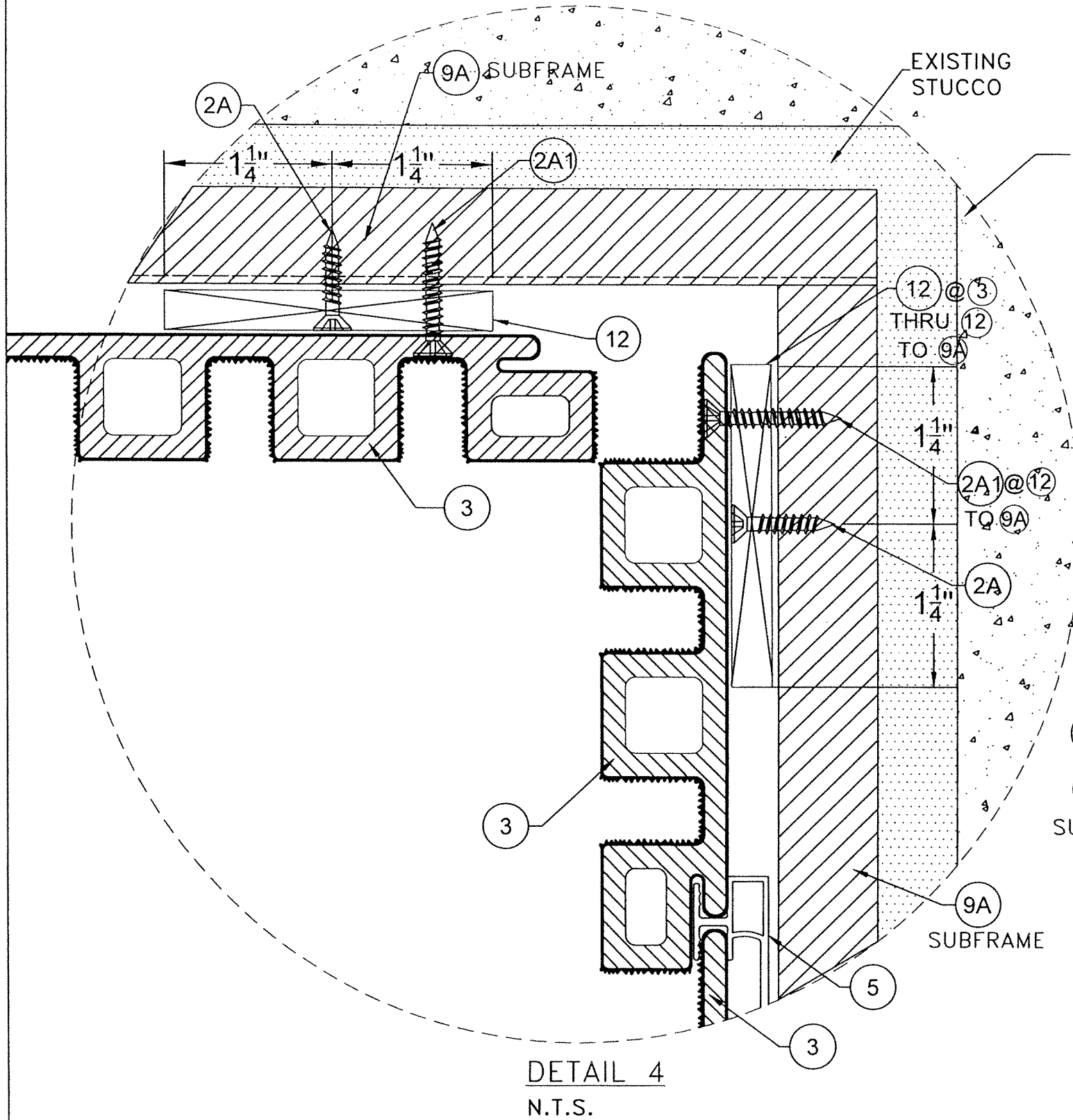
NEWTECHWOOD DECORATIVE EUROPEAN
WALL CLADDING PANEL UH46 SYSTEM

NEWTECHWOOD AMERICA INC.
15912 INTERNATIONAL PLAZA DRIVE,
HOUSTON, TEXAS 77032

TILECO INC.
TILIT TESTING & ENGINEERING COMPANY
6331 W. 13th St., Suite 305, Miramar, CA 92029
Phone: (602)671-1330 Fax: (602)671-1331
WALTER A. TILIT Jr. P.E.
FLORIDA Lic. # 44167

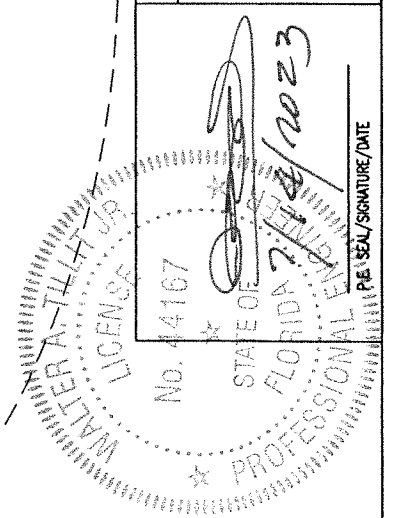
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
WALTER A. TILIT JR.
7/14/23

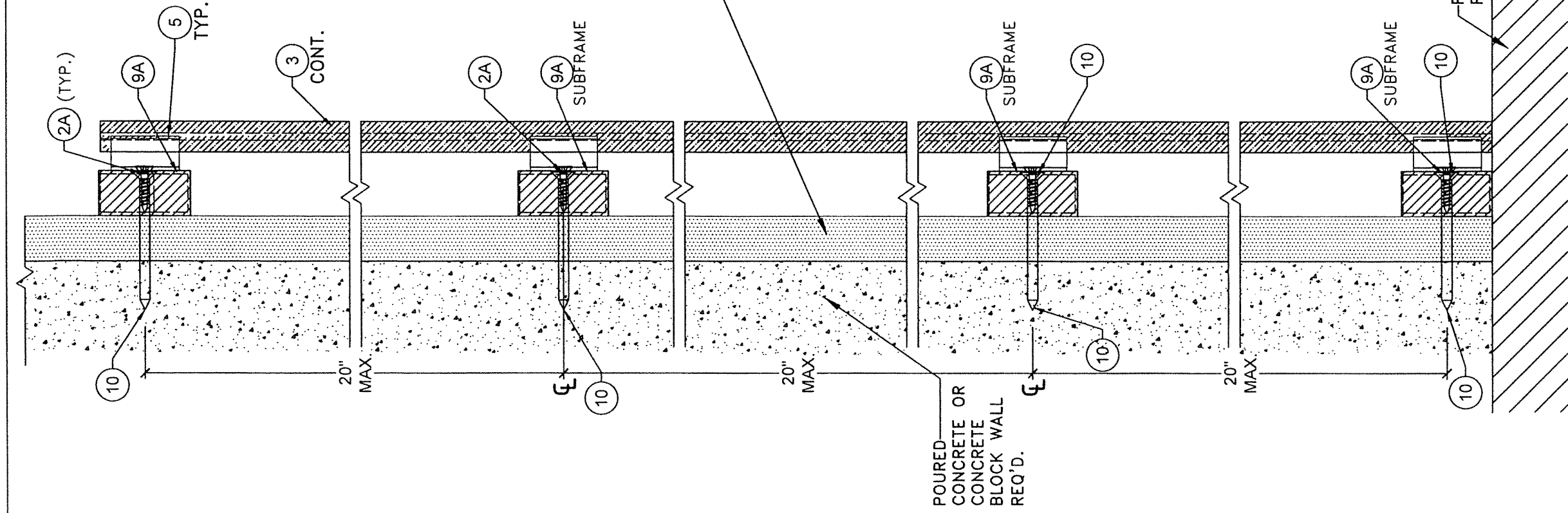
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23-111
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SHEET 2 OF 28



VERTICAL INSTALLATION W/ 9A INTERIOR & EXTERIOR CORNER
POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	DATE
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		7/14/23	7/14/23
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		23-111	23-111
TILECO INC. TILIT TESTING & ENGINEERING COMPANY 6335 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33186 Phone: (305) 971-1330 Fax: (305) 971-1331 CA-0008719 WALTER A. TILIT, Jr., P.E. FLORIDA Lic. # 44167		REV.	DATE
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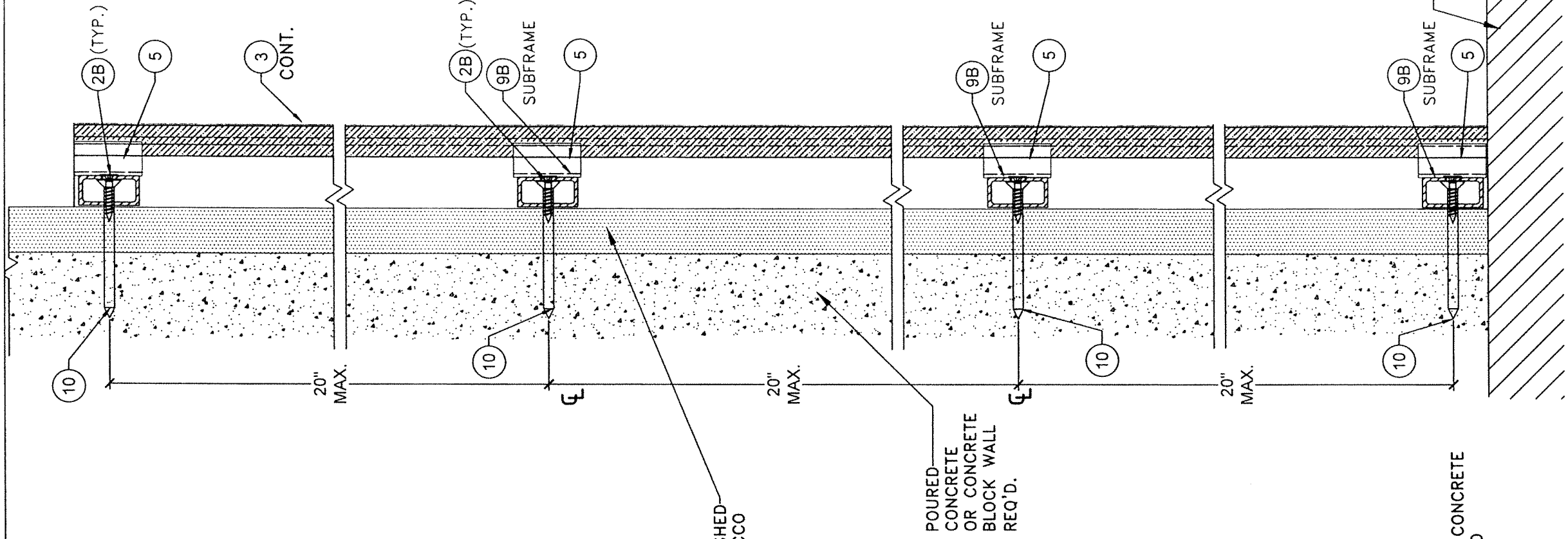




DETAIL 6

VERTICAL INSTALLATION W/ (9A)
POURED CONCRETE OR CONCRETE

BLOCK WALL SUBSTRATE
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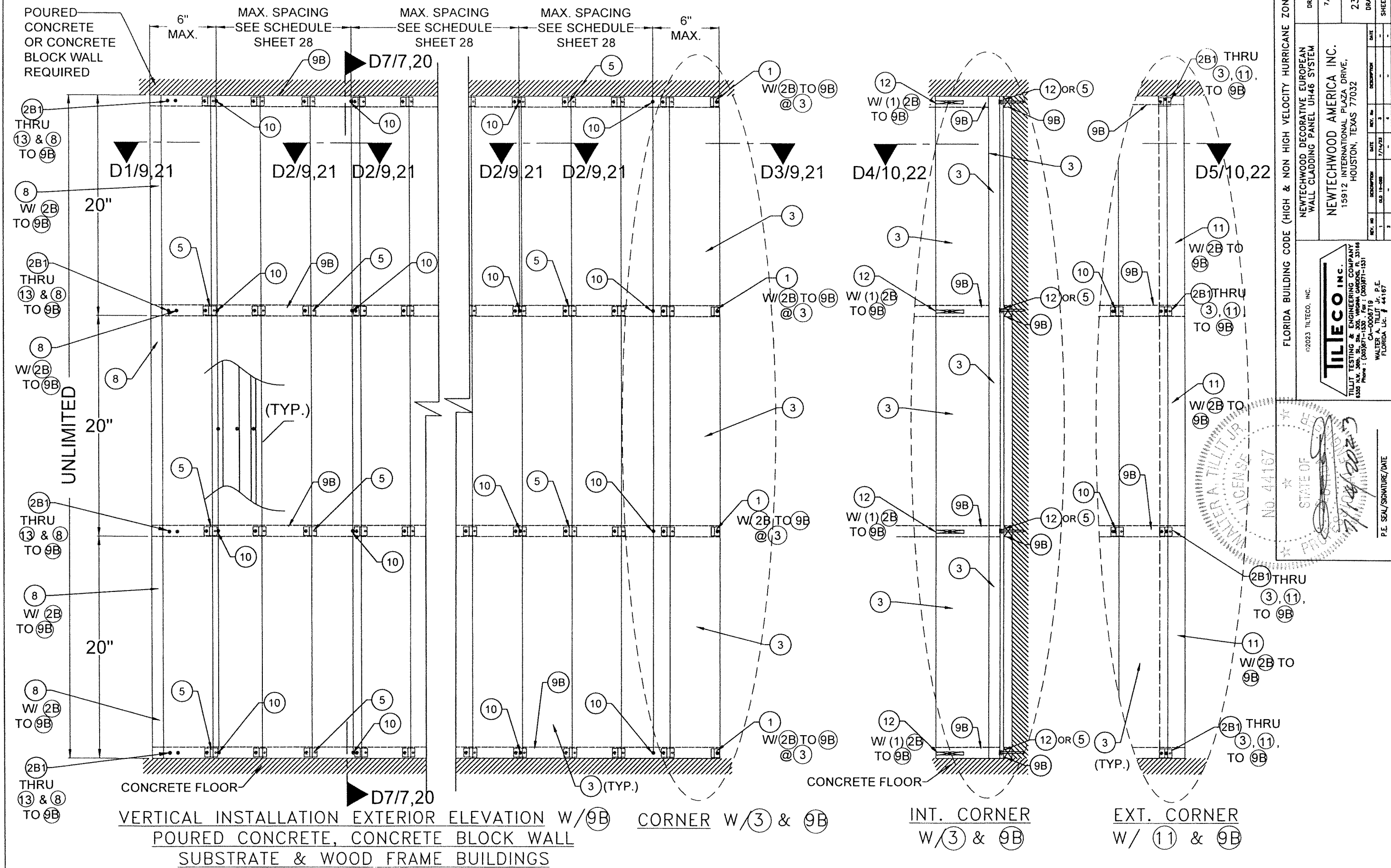


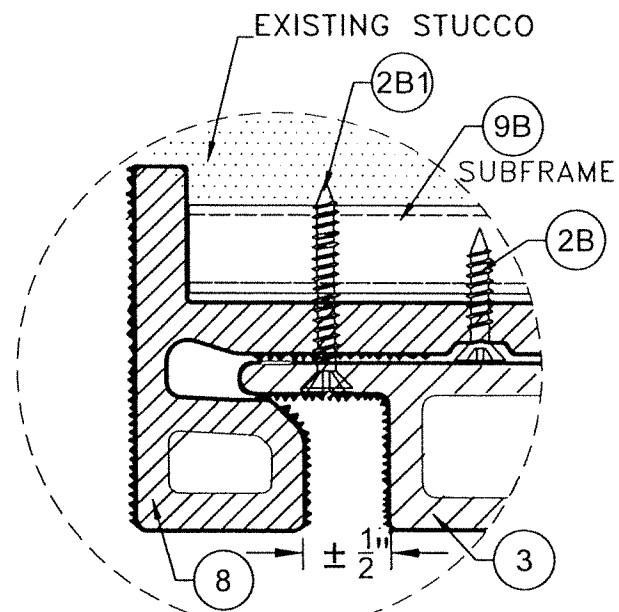
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VERTICAL INSTALLATION W/ (9B)
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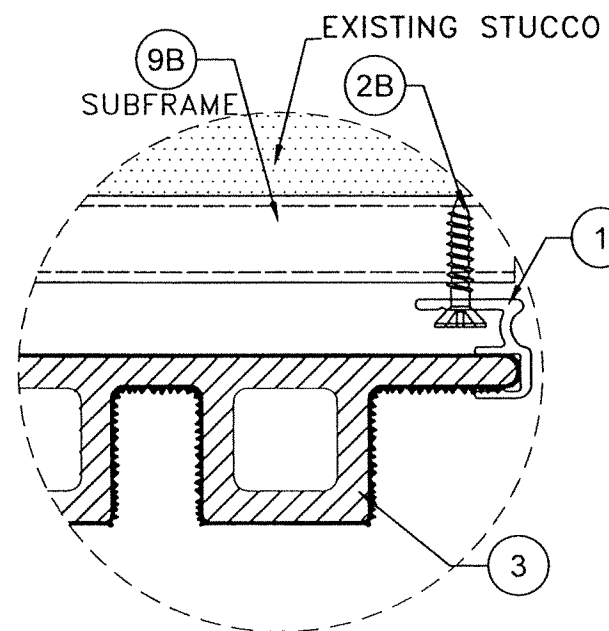
BLOCK WALL SUBSTRATE
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FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		T.M.	
©2023 TILTECO, INC.		DRAWN BY:	
 TILTECO INC. TILIT TESTING & ENGINEERING COMPANY 6335 N.W. 34th St., Ste. 300, WILMINGTON, FL 33166 Phone: (305) 871-1330 Fax: (305) 871-1331		NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM	
		DATE: 7/14/23	
WALTER A. TILIT JR., P.E. FLORIDA LIC. # 44167		NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032	
		DATE: 7/14/23	
P.E. SEAL/SIGNATURE/DATE		REV. NO. 1	
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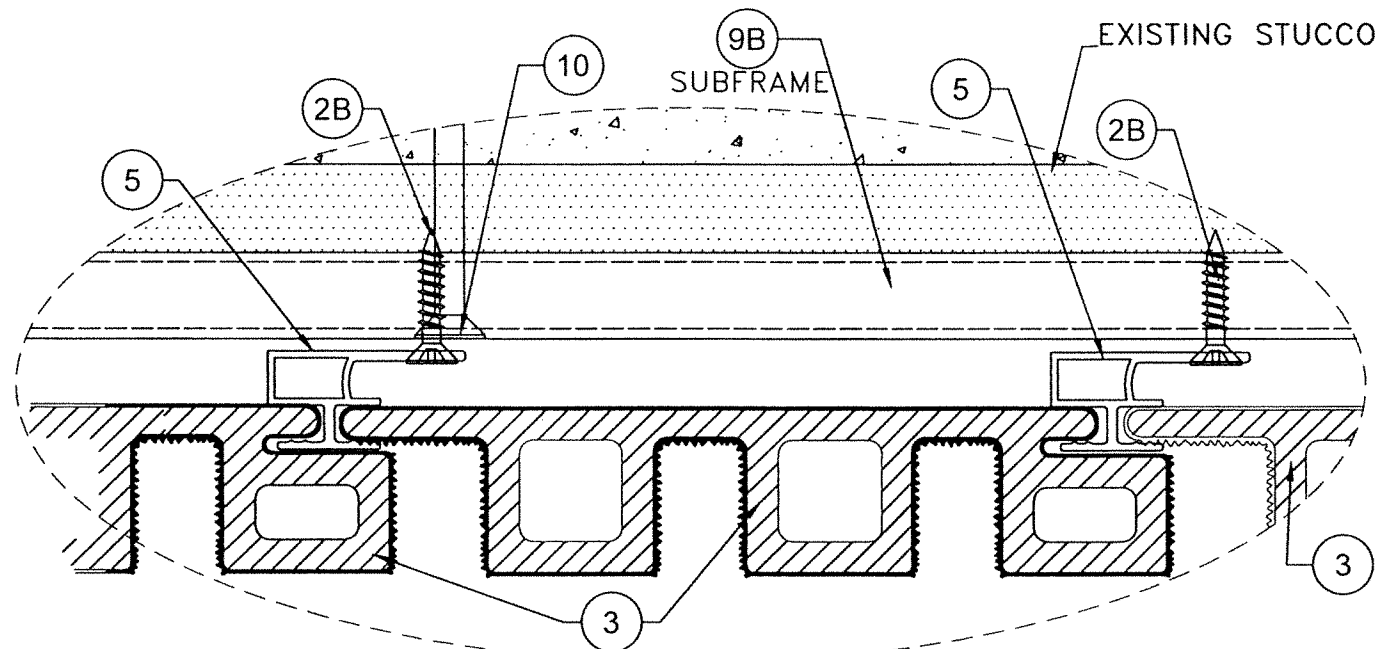




DETAIL 1
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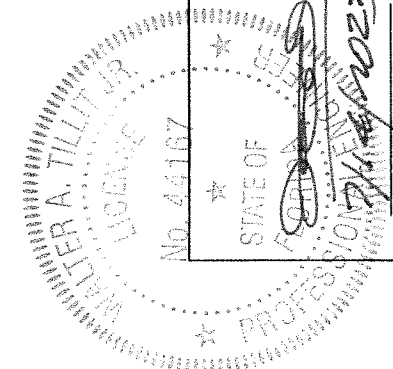


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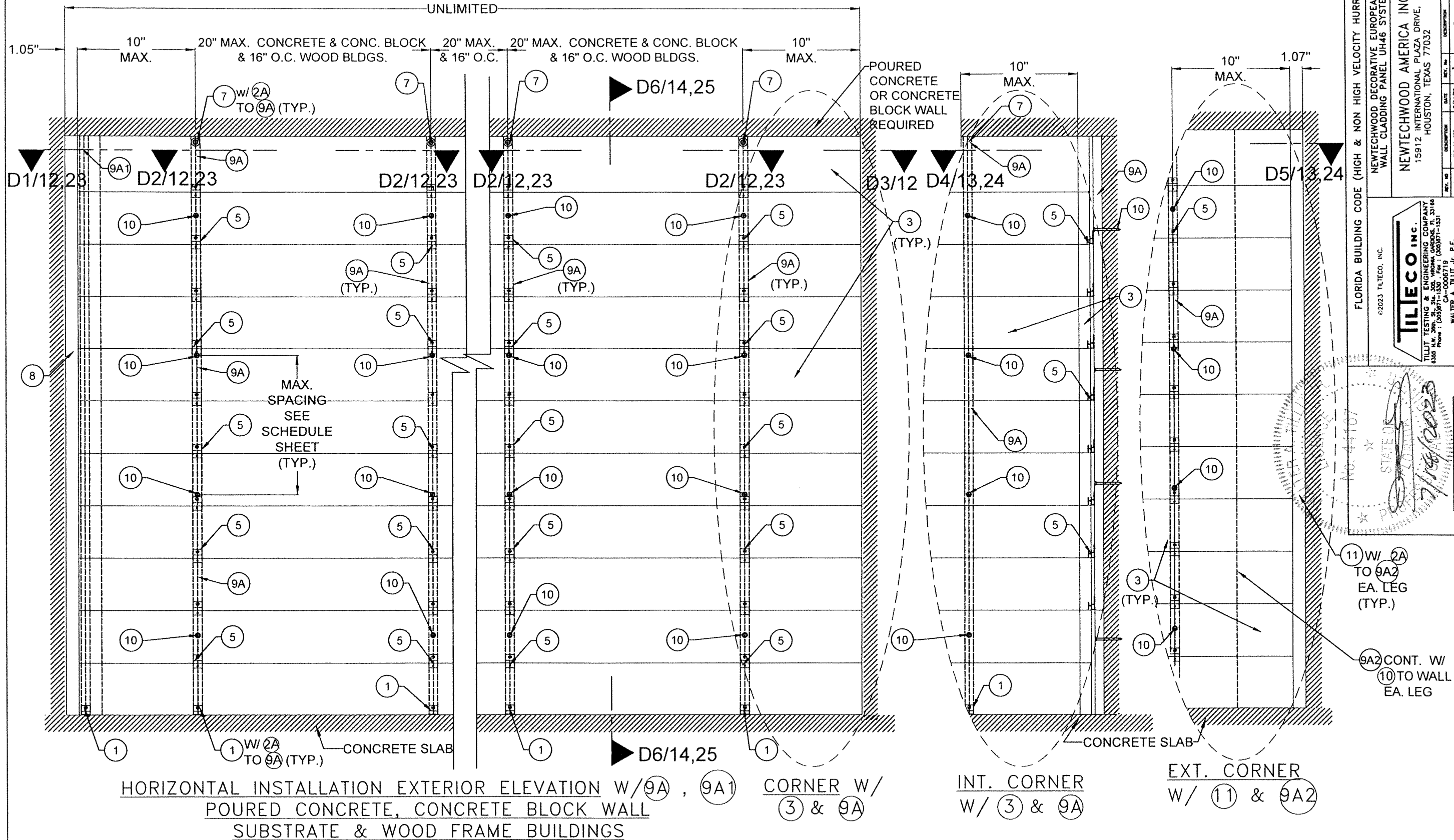


DETAIL 2
N.T.S.

VERTICAL INSTALLATION W/ 9B : ENDS
POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	DATE
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		7/14/23	23-111
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		DATE	DATE
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 4305 N.E. 34th St., Suite 100, Fort Lauderdale, FL 33309 Phone: (954) 341-1331 Fax: (954) 341-1331 CA-0008719 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		DATE	DATE
P.E. SEAL SIGNATURE/DATE		DATE	DATE



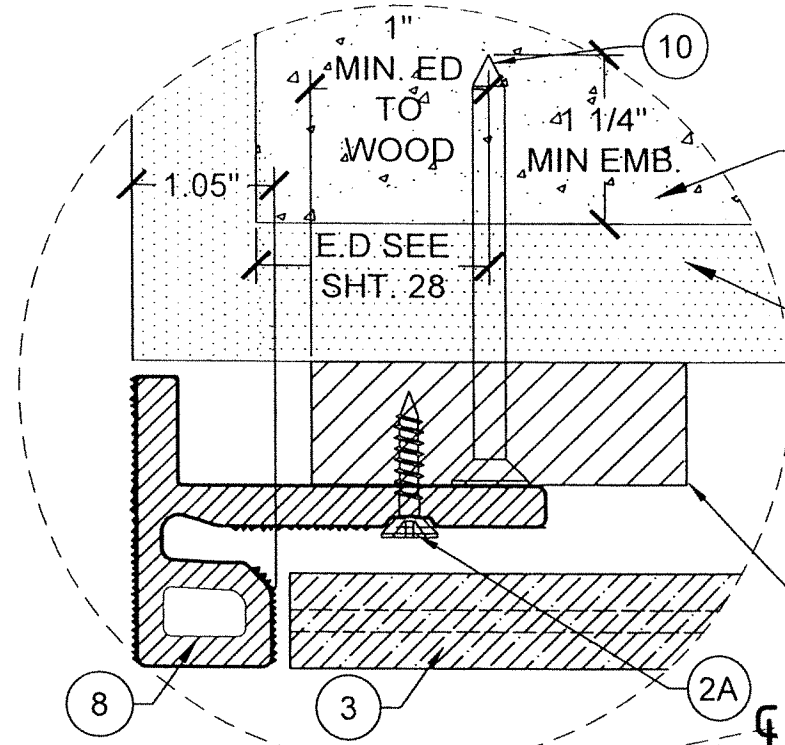
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM
NEWTECHWOOD AMERICA INC.
15912 INTERNATIONAL PLAZA DRIVE,
HOUSTON, TEXAS 77032

TILECO INC.
TILE TESTING & ENGINEERING COMPANY
6300 W. 38th St., Suite 300, Miramar, CA 92029
Phone: (609) 711-1330 Fax: (609) 711-1331
WALTER A. TILLOT Jr., P.E.
FLORIDA Lic. # 44167

STATE OF FLORIDA
Professional Seal
No. 44167
7/18/2023
P.E. SEAL/SIGNATURE/DATE

REV.	NO.	DESCRIPTION	DATE	BY	CHK.
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POURED
CONCRETE
OR CONCRETE
BLOCK WALL
REQ'D.

EXISTING
STUCCO

DETAIL 1
N.T.S.

CONT.

(9A1)

EXISTING
STUCCO

DETAIL 3
N.T.S.

POURED
CONCRETE
OR CONCRETE
BLOCK WALL
REQ'D.

10.00" MAX.

SUBFRAME

(9A)

(2A)

(3)

POURED
CONCRETE
OR CONCRETE
BLOCK WALL
REQ'D.

20.00" MAX.

SEE SHT. 28
MIN EMB.

SEE SHT. 28
MIN EMB.

EXISTING
STUCCO

SUBFRAME

(9A)

(2A) (TYP.)

(5)

SUBFRAME

(9A)

(2A)

(5)

CONT.

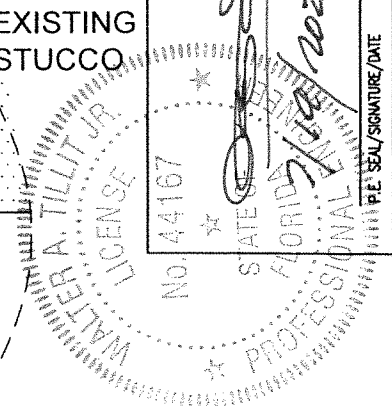
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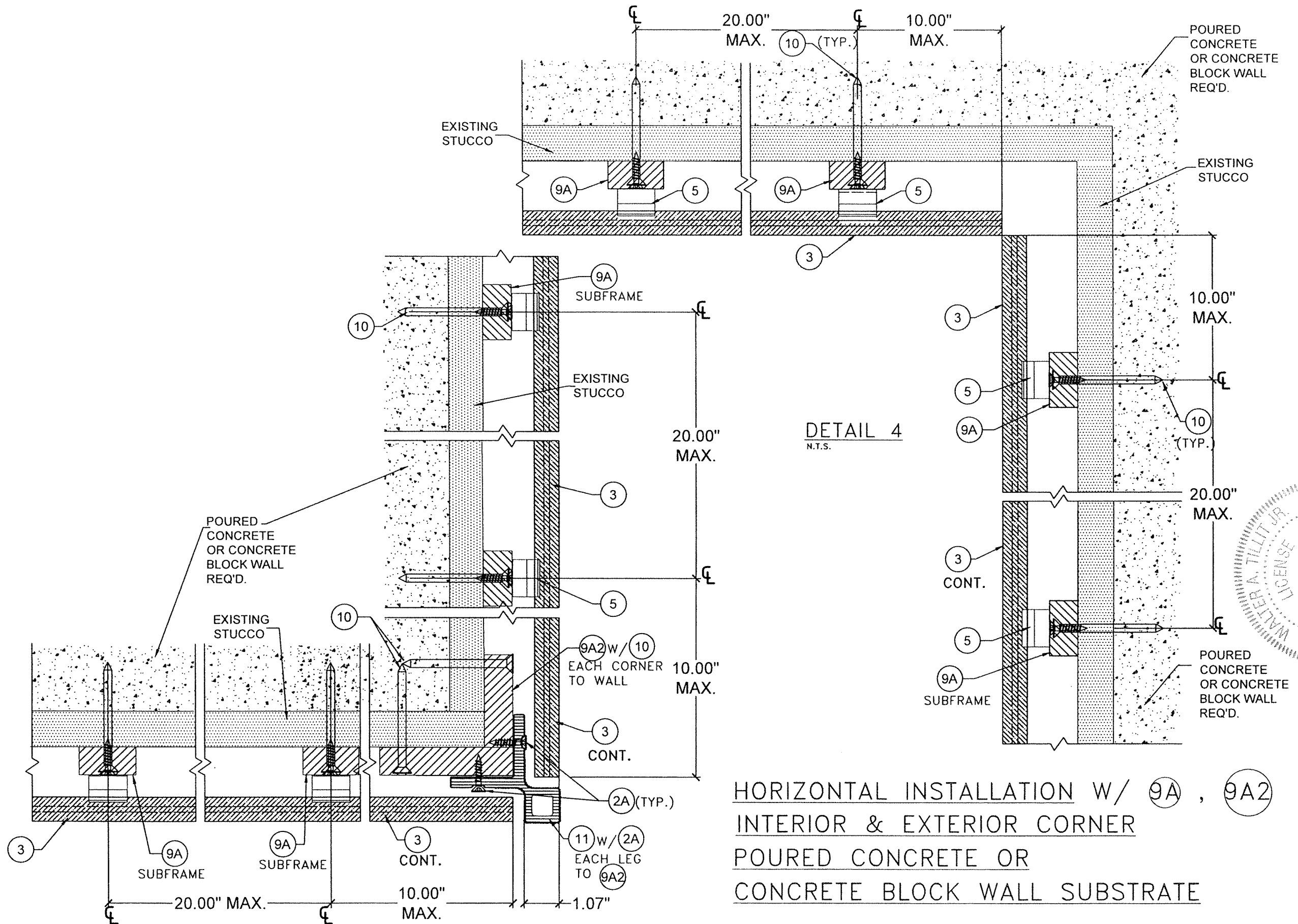
DETAIL 2

N.T.S.

HORIZONTAL INSTALLATION W/ (9A) , (9A1) POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	DATE:	23-111	DRAWING No.
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		DRAWN BY:	7/14/23	23-111	SHEET 12 OF 28
NEWTECHWOOD AMERICA INC.		DATE:	7/14/23	23-111	DRAWING No.
15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		DATE:	7/14/23	23-111	DRAWING No.
TILTECO INC.		DATE:	7/14/23	23-111	DRAWING No.
TILIT TESTING & ENGINEERING COMPANY		DATE:	7/14/23	23-111	DRAWING No.
6355 W. 13TH ST. SUITE 100, FORT WORTH, TEXAS 76116		DATE:	7/14/23	23-111	DRAWING No.
Phone: (817) 337-1331 Fax: (817) 337-1331		DATE:	7/14/23	23-111	DRAWING No.
WALTER A. TILLIT JR., P.E.		DATE:	7/14/23	23-111	DRAWING No.
FLORIDA LIC. # 44167		DATE:	7/14/23	23-111	DRAWING No.





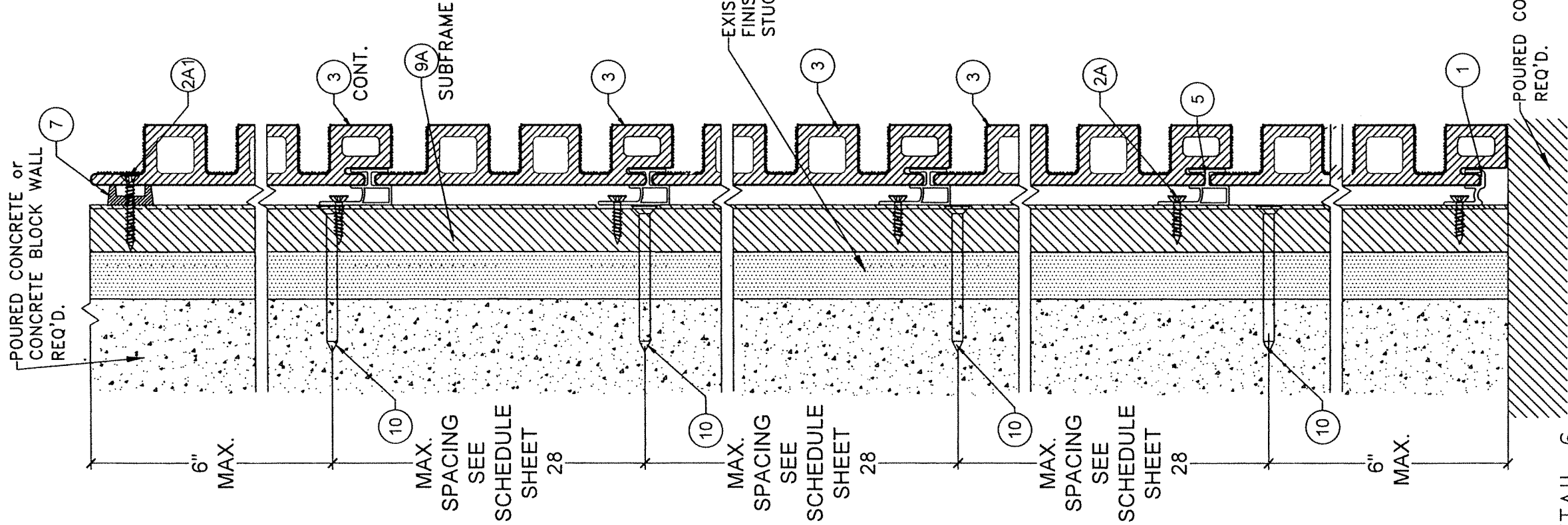
HORIZONTAL INSTALLATION W/ 9A , 9A2
 INTERIOR & EXTERIOR CORNER
 POURED CONCRETE OR
 CONCRETE BLOCK WALL SUBSTRATE

DETAIL 5
 N.T.S.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)	
Y.M.	DATE
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM	7/14/23
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032	23-111
REV. NO.	SHEET 13 OF 28

TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6335 N.W. 14th St., Suite 300, Miramar, CA 92029 Phone: (305) 871-1532 Fax: (305) 871-1531 CA-0006719 WALTER A. TILLIT JR., P.E. FLORIDA LIC. # 44167	
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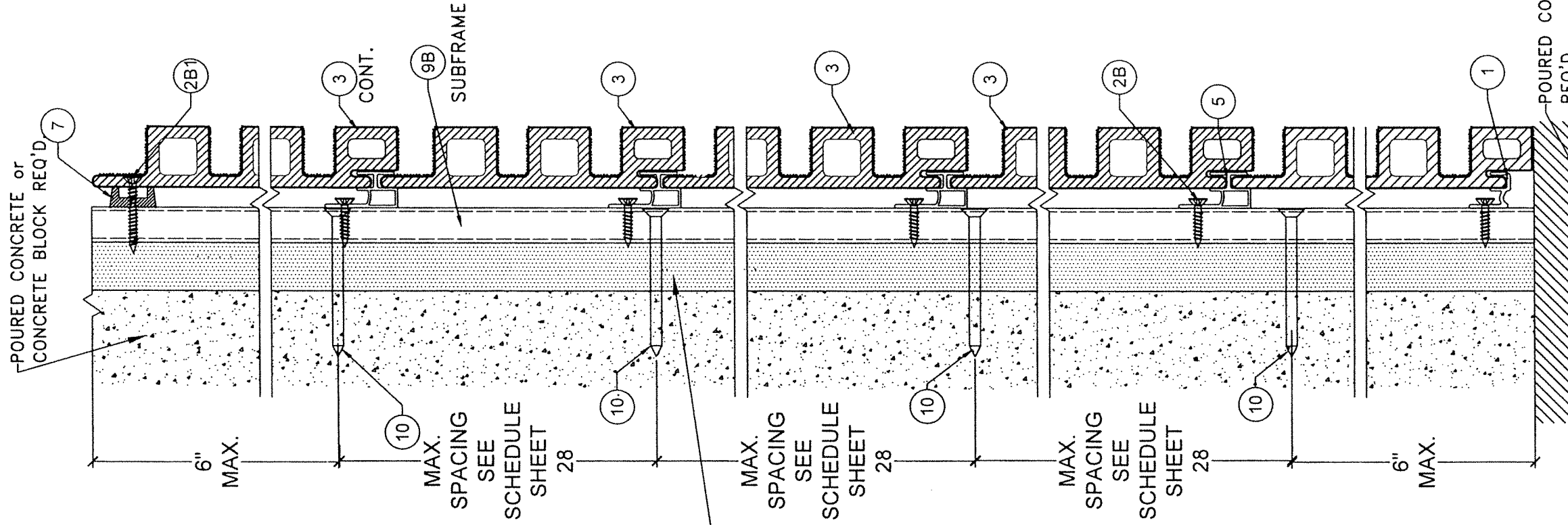
STATE OF FLORIDA WALTER A. TILLIT JR. No. 44167 P.E. SEAL/SIGNATURE/DATE	
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DETAIL 6

HORIZONTAL INSTALLATION W/ 9A
POURED CONCRETE OR CONCRETE

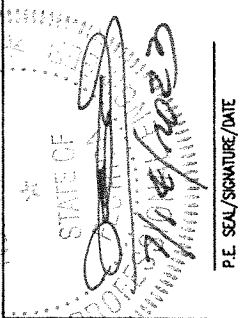
BLOCK SUBSTRATE
N.T.S



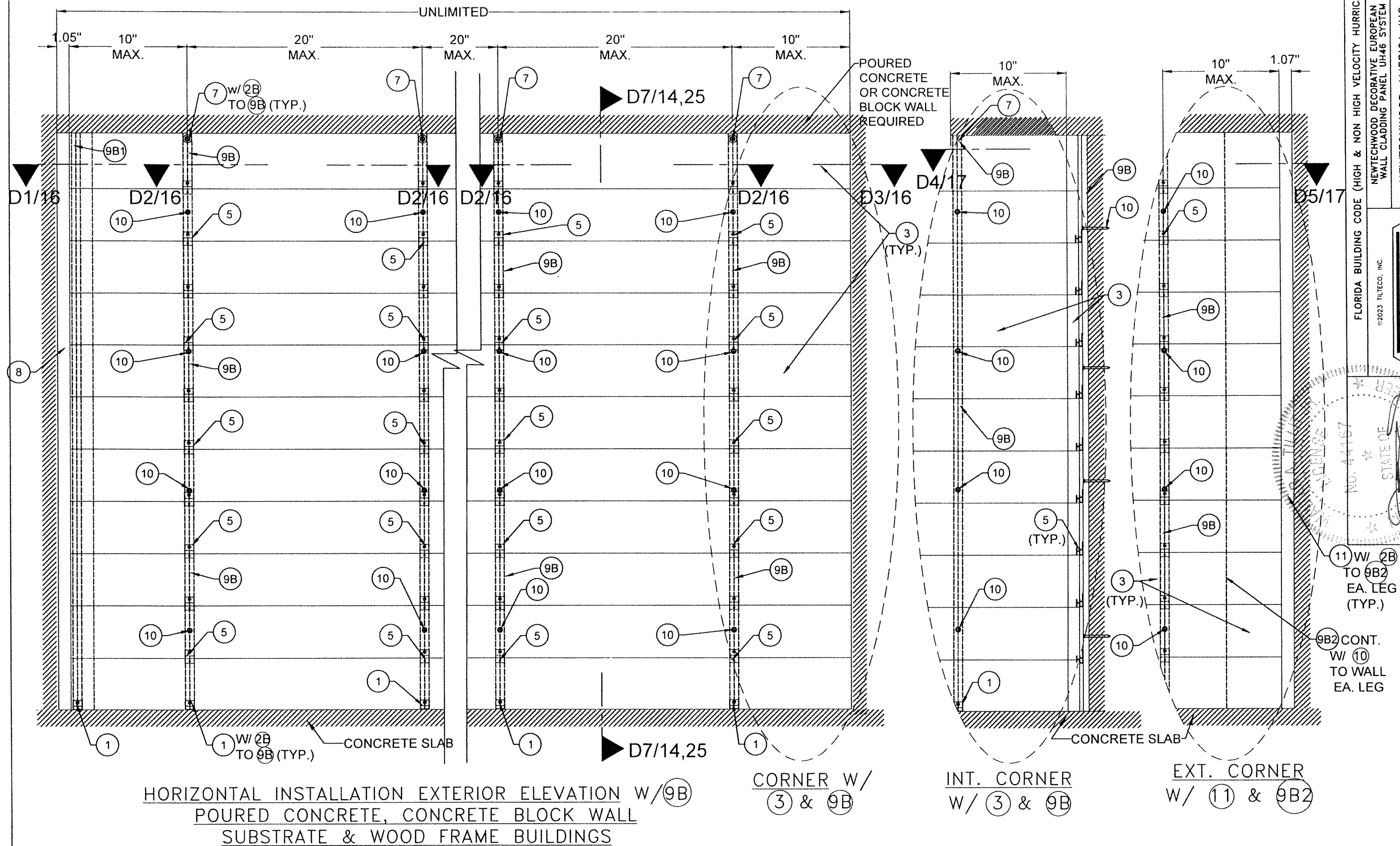
DETAIL 7

HORIZONTAL INSTALLATION W/ 9B
POURED CONCRETE OR CONCRETE

BLOCK SUBSTRATE
N.T.S



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	
©2023 TILTECO, INC.		DRAWN BY:	
TILTECO INC.		NEWTECHWOOD DECORATIVE EUROPEAN	
TILIT TESTING & ENGINEERING COMPANY		WALL CLADDING PANEL UH46 SYSTEM	
6335 NW 36th St., Ste. 204, Virginia Gardens, FL 33188		DATE:	
Phone: (305) 971-1330 For: (305) 971-1331		7/14/23	
CA-0005719		DATE:	
WALTER A. TILT, JR., P.E.		23-111	
FLORIDA Lic. # 44167		DRAWING No.	
		SHEET 14 OF 28	



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

NEWTECHWOOD DECORATIVE EUROPEAN
WALL CLADDING PANEL UH46 SYSTEM

NEWTECHWOOD AMERICA INC.
15912 INTERNATIONAL PLAZA DRIVE,
HOUSTON, TEXAS 77032

TILECO INC.
TILE TESTING & ENGINEERING COMPANY
6300 W. 146th St., Suite 300, Omaha, Nebraska 68146
Phone: (402) 871-1330 Fax: (402) 871-1331
CA-0008719
WALTER A. TILIT JR., P.E.
FLORIDA LIC. # 44167

T.M.
DRAWN BY:

7/14/23
DATE:

23-111
DRAWING No.

SHEET 15 OF 28

REV. NO.

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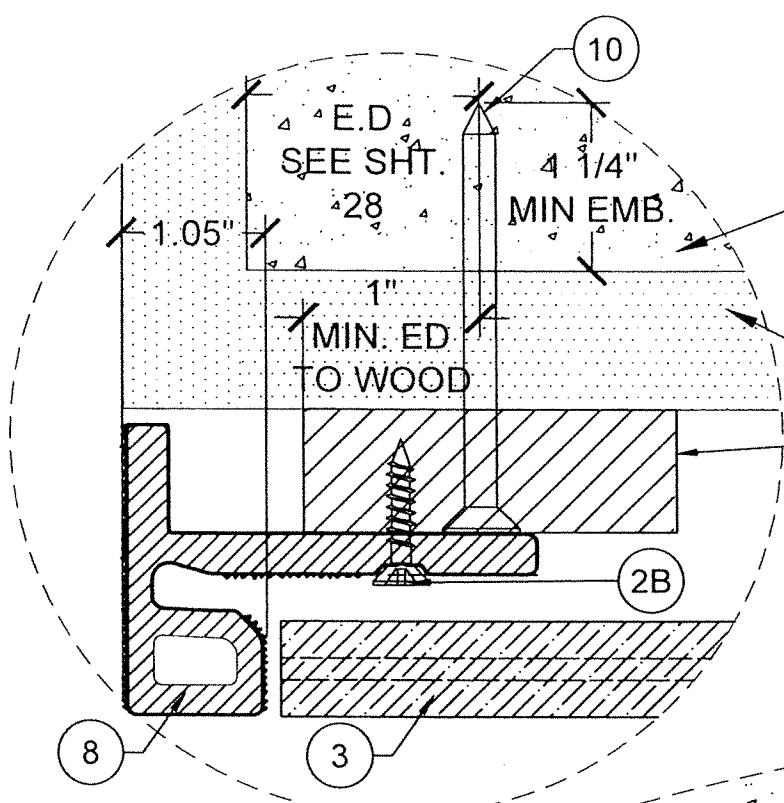
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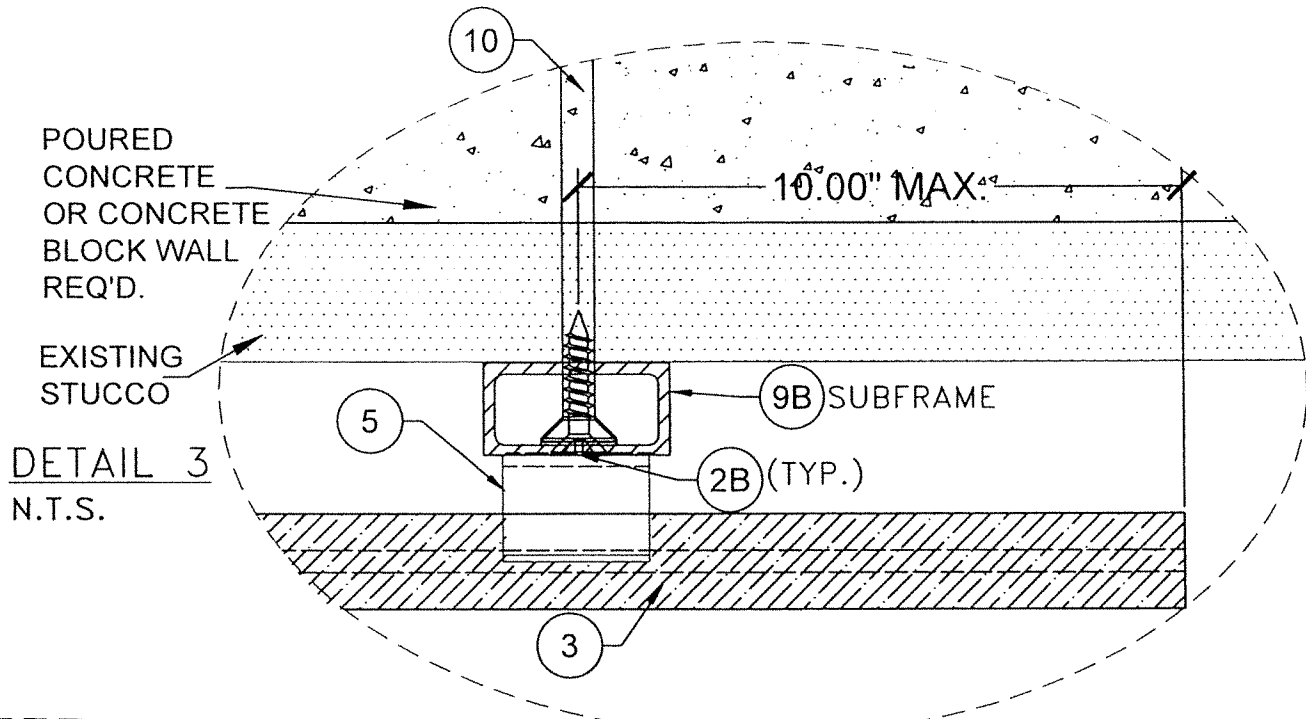
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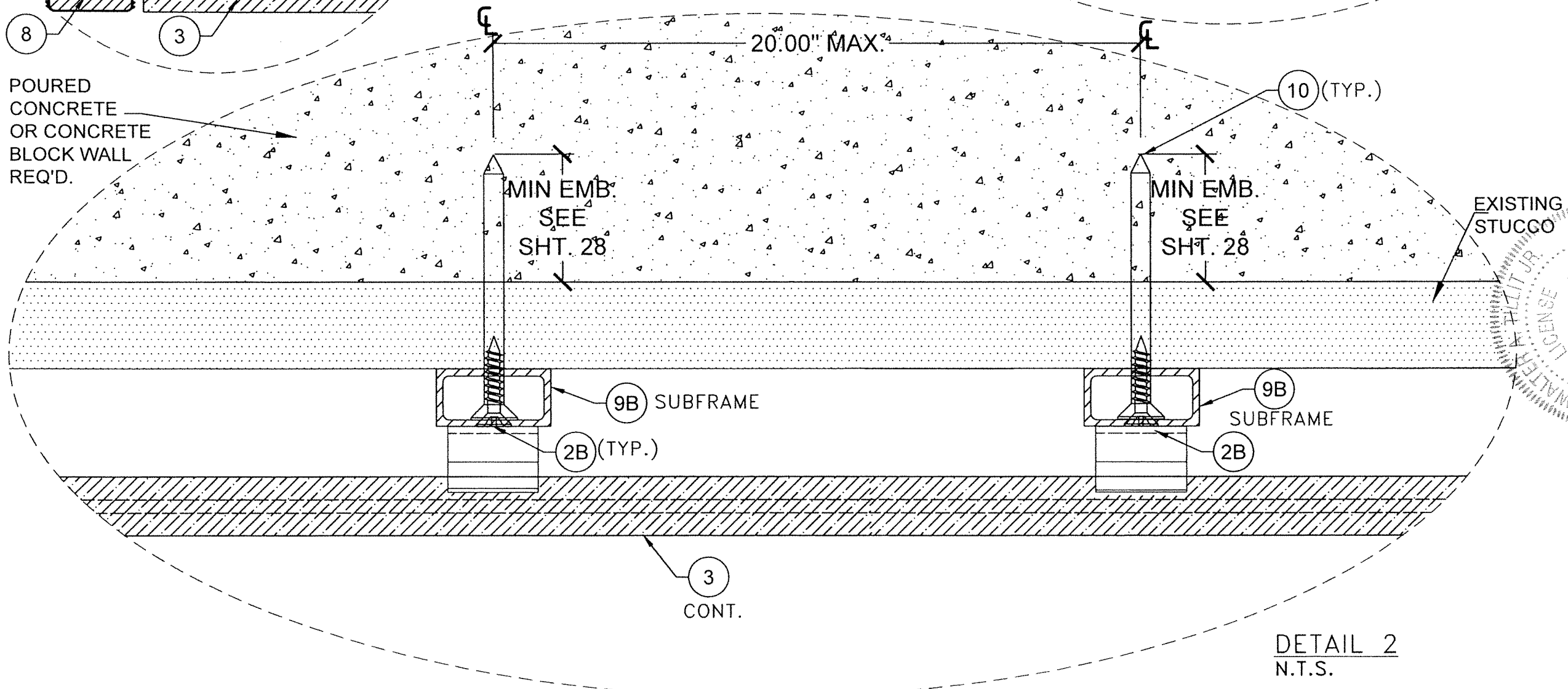
REV. NO.



POURED
CONCRETE
OR CONCRETE
BLOCK WALL
REQ'D.
EXISTING
STUCCO
(9B1)
CONT. DETAIL 1
N.T.S.



POURED
CONCRETE
OR CONCRETE
BLOCK WALL
REQ'D.
EXISTING
STUCCO
DETAIL 3
N.T.S.

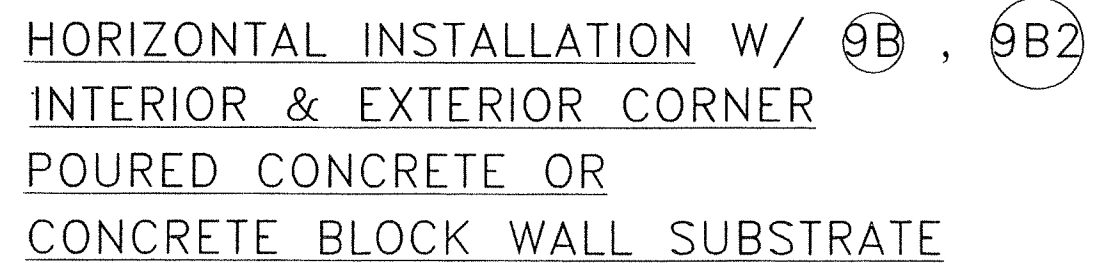


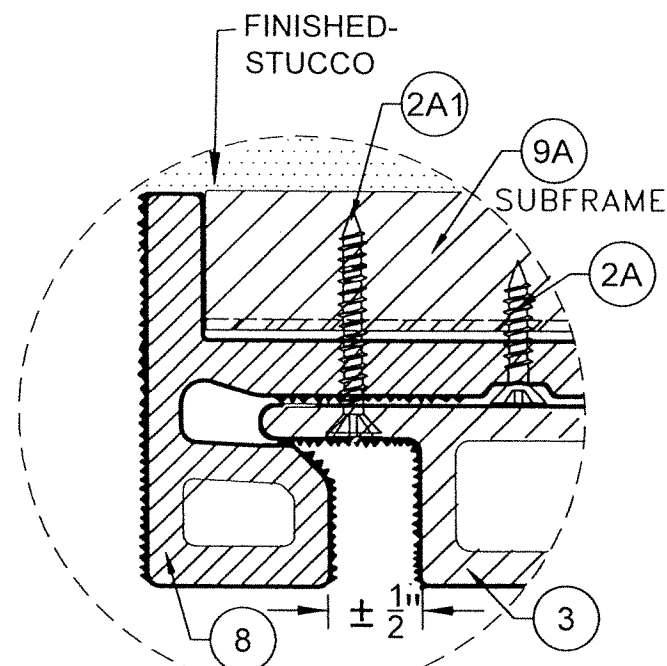
DETAIL 2
N.T.S.

HORIZONTAL INSTALLATION W/ (9B) & (9B1) POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE

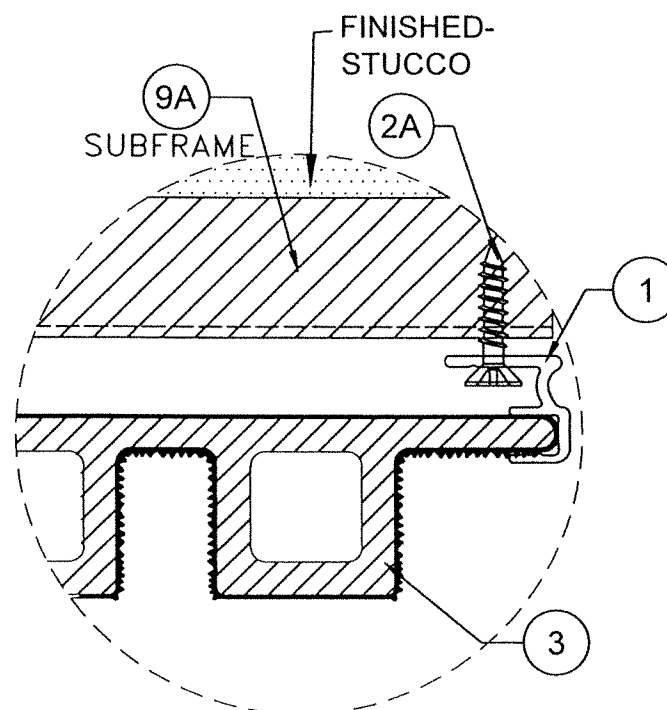
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	DATE	DRAWING No.	SHEET 16 OF 28
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		7/14/23	DATE	23-111	
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		7/14/23	DATE		
TILECO INC. TILE TESTING & ENGINEERING COMPANY 6335 N.W. 36th St., Suite 300, Miramar, FL 33186 Phone: (305) 671-1330 Fax: (305) 671-1331 CA-0006719 WALTER A. TILIT, Jr., P.E. FLORIDA Lic. # 44167		REV.	NO.	DESCRIPTION	DATE
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WALTER A. TILIT, JR.
P.E.
3/14/2023

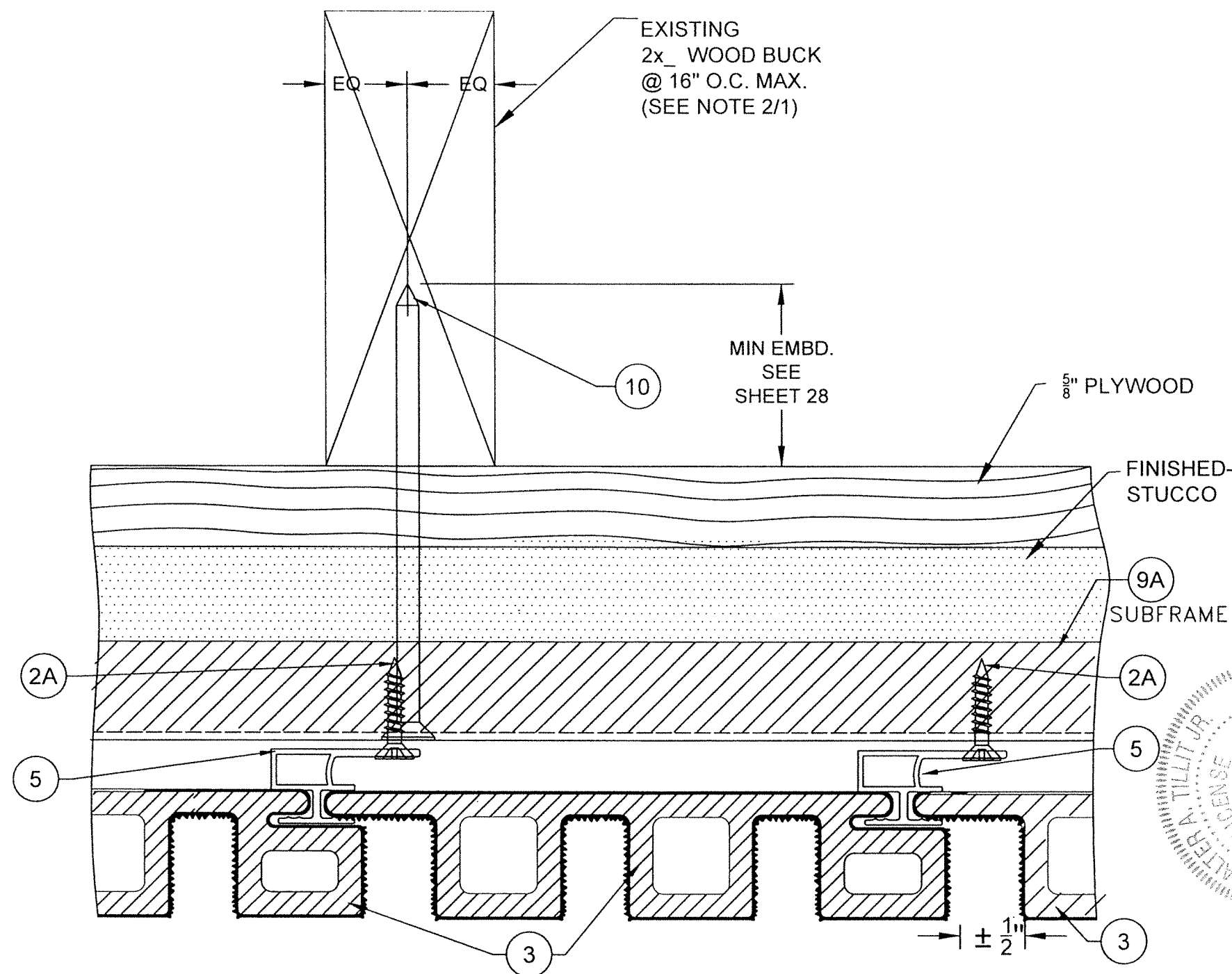




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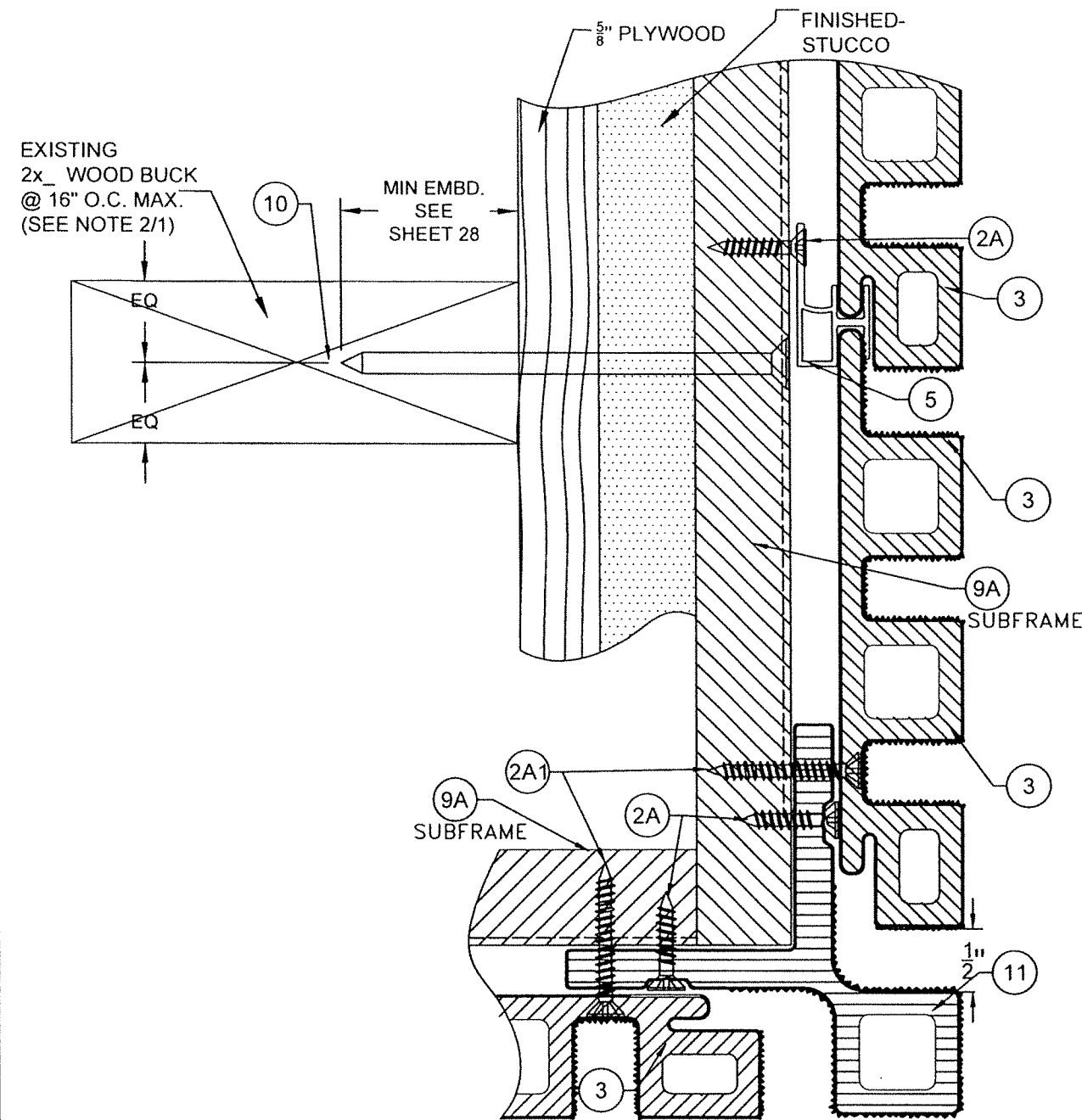
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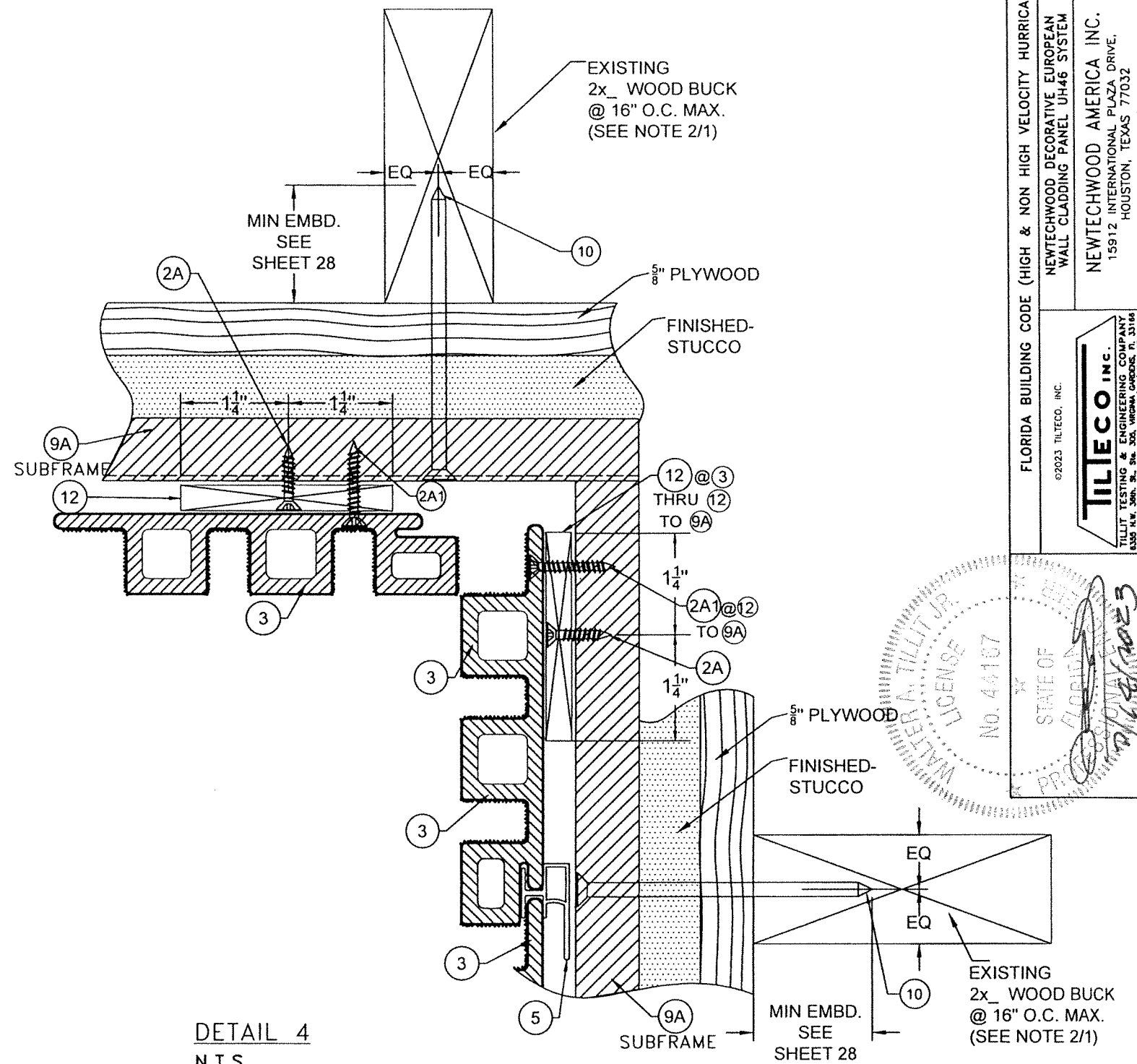
DETAIL 2
N.T.S.

VERTICAL INSTALLATION W/ 9A : ENDS
WOOD FRAME BUILDINGS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		DRAWING No. 23-111 SHEET 18 OF 28	
©2023 TILTECO, INC.		TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6335 N.W. 34th St., Ste. 304, Virginia Gardens, FL 33166 Phone: (305) 971-1530 Fax: (305) 971-1531 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		DATE: 7/14/23 REV. No. 3 DESCRIPTION: 1. EQ		DATE: 7/14/23 REV. No. 3 DESCRIPTION: 1. EQ	
TILTECO INC.		TILTECO INC.		TILTECO INC.		TILTECO INC.	



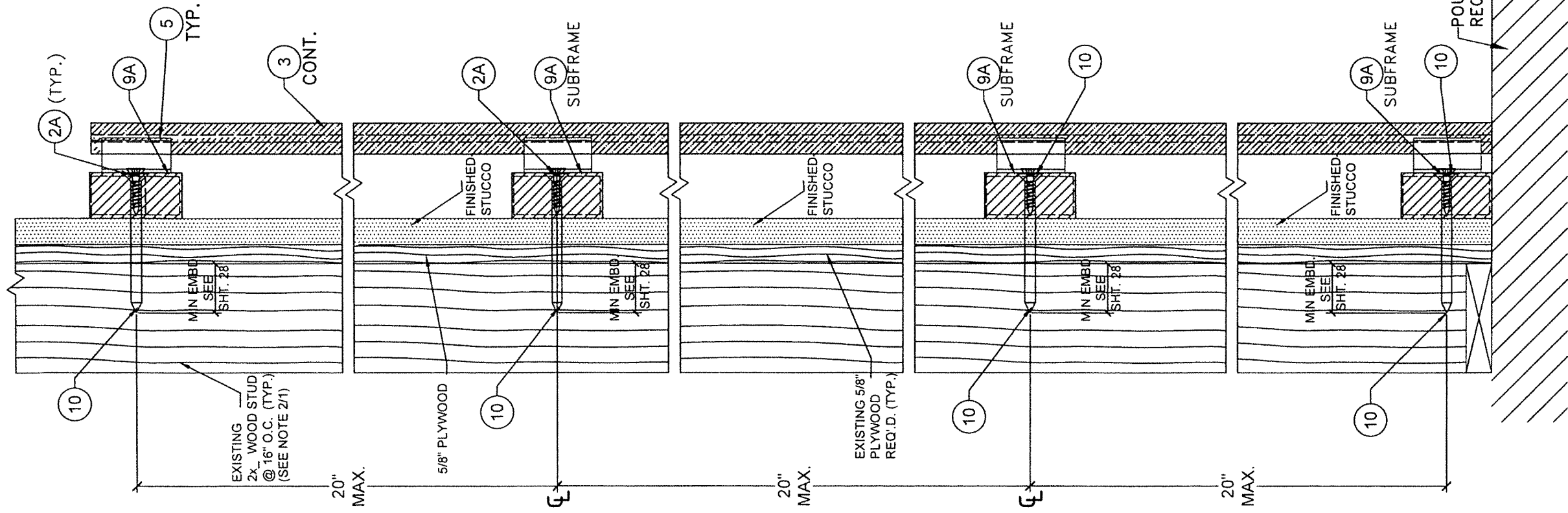
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DETAIL 4
N.T.S.

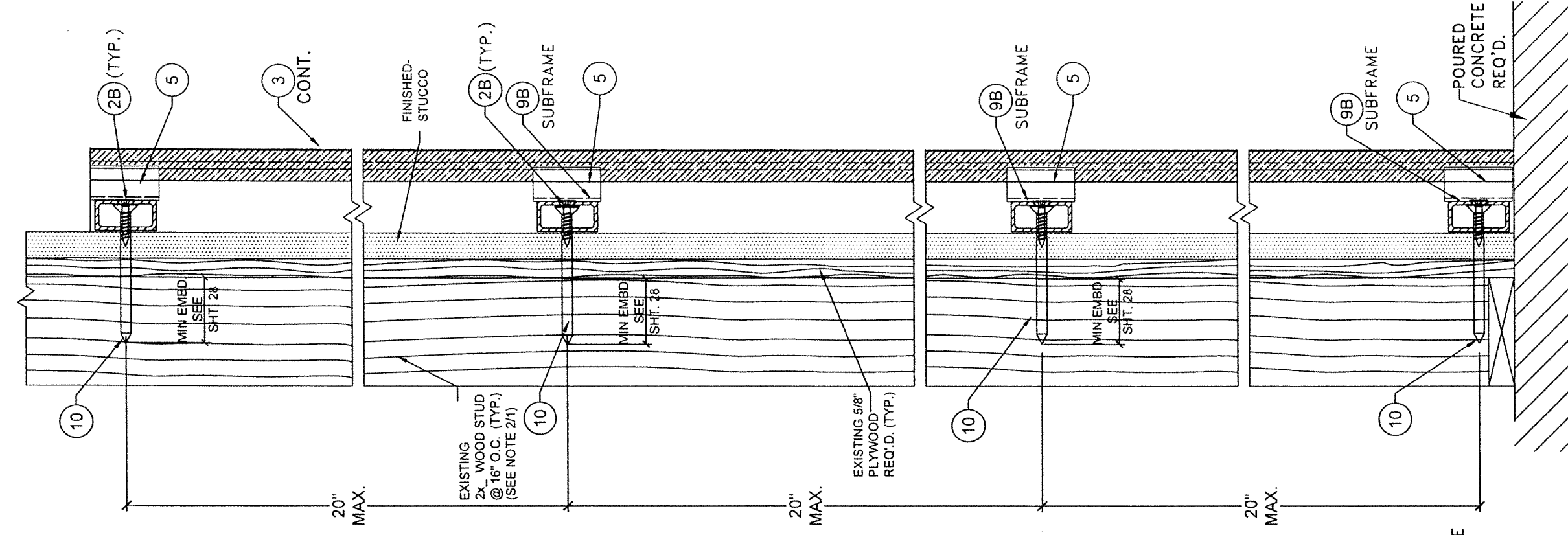
VERTICAL INSTALLATION W/ 9A INTERIOR & EXTERIOR CORNER WOOD FRAME BUILDINGS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.		
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		DRAWN BY: 7/14/23 DATE:		
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		23-111 DRAWING No.		
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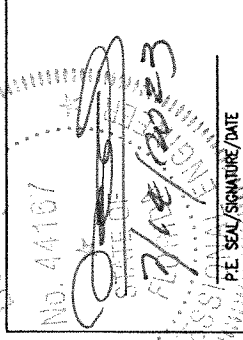
DETAIL 6

VERTICAL INSTALLATION W/ 9A
WOOD FRAME BUILDINGS
N.T.S



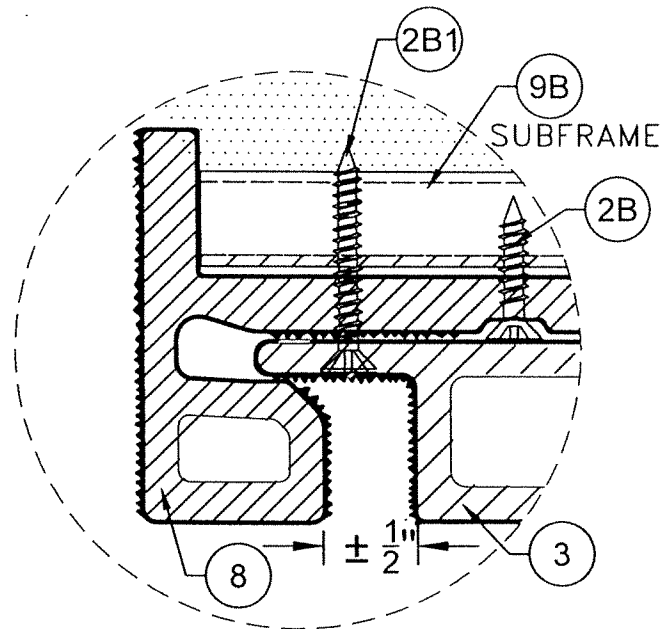
DETAIL 7

VERTICAL INSTALLATION W/ 9B
WOOD FRAME BUILDINGS
N.T.S

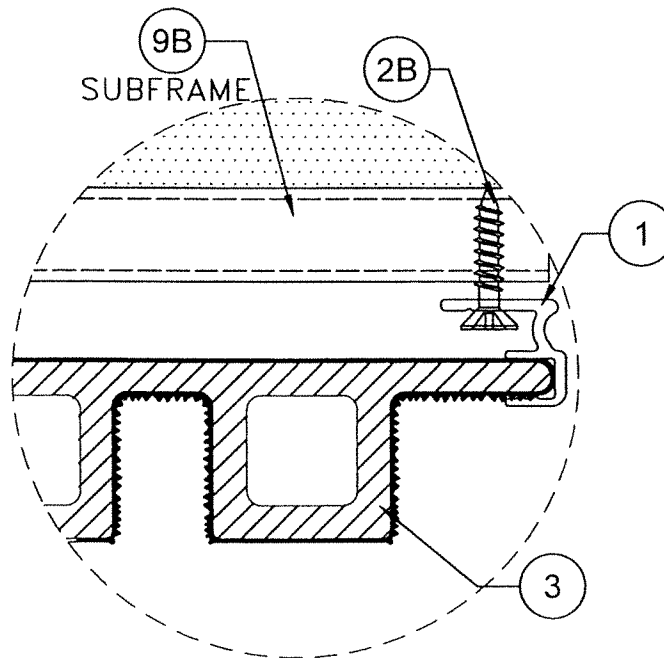


FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	
©2023 TILTECO, INC.		DRAWN BY:	
TILTECO INC.		7/14/23	
TILT TESTING & ENGINEERING COMPANY		DATE:	
1315 N.W. 10th St., Ste. 304, Boca Raton, FL 33434		23-111	
Phone: (561) 991-1332 Fax: (561) 991-1331		DRAWING No.	
WALTER A. TILT JR., P.E.		SHEET 200F 28	
FLORIDA LIC. # 44167			

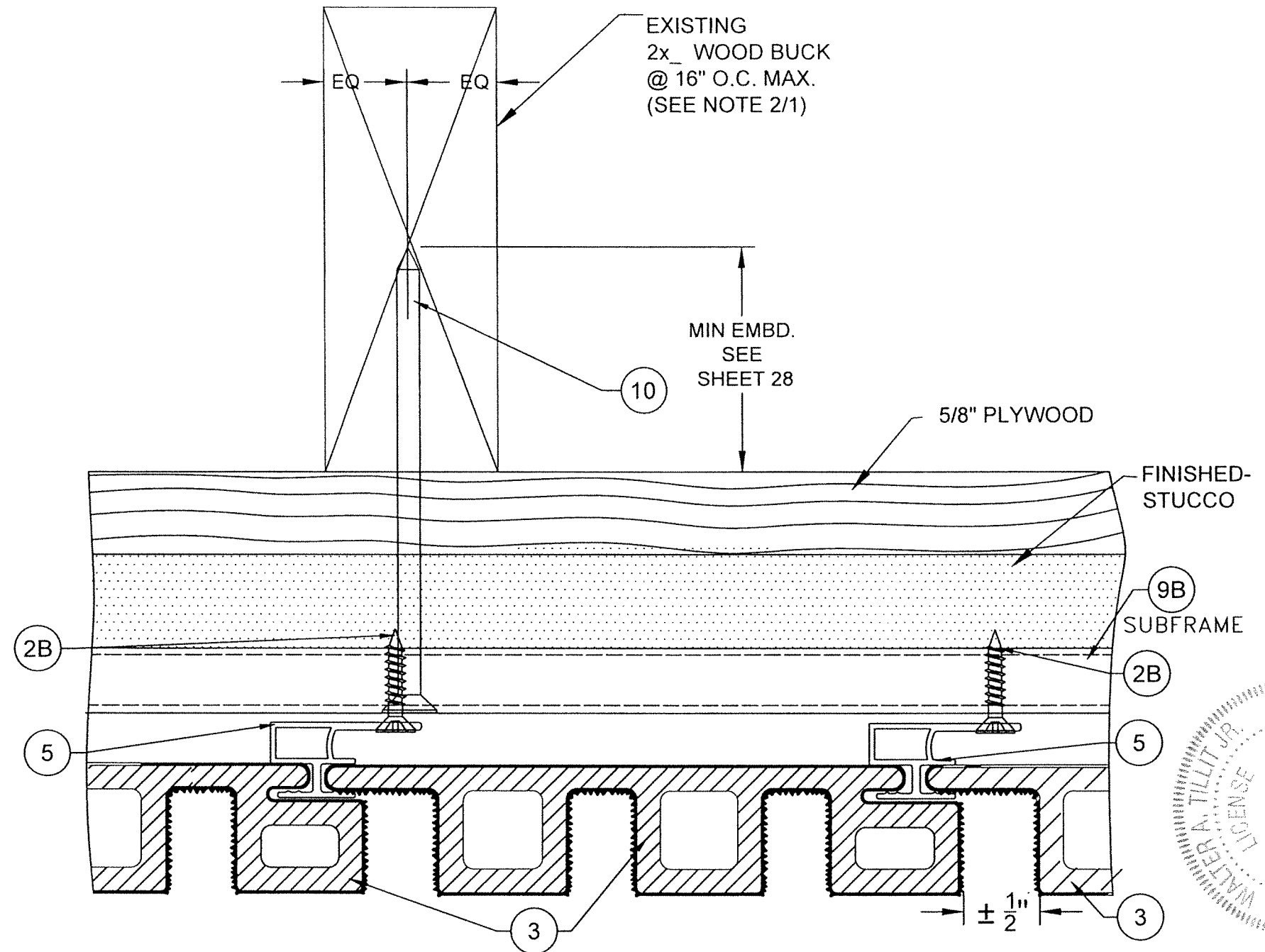
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		Y.M.	
NEWTECHWOOD AMERICA INC.		DRAWN BY:	
15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		7/14/23	
		DATE:	
		23-111	
		DRAWING No.	
		SHEET 200F 28	



DETAIL 1
N.T.S.



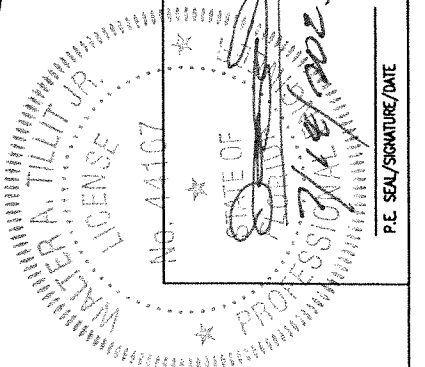
DETAIL 3
N.T.S.

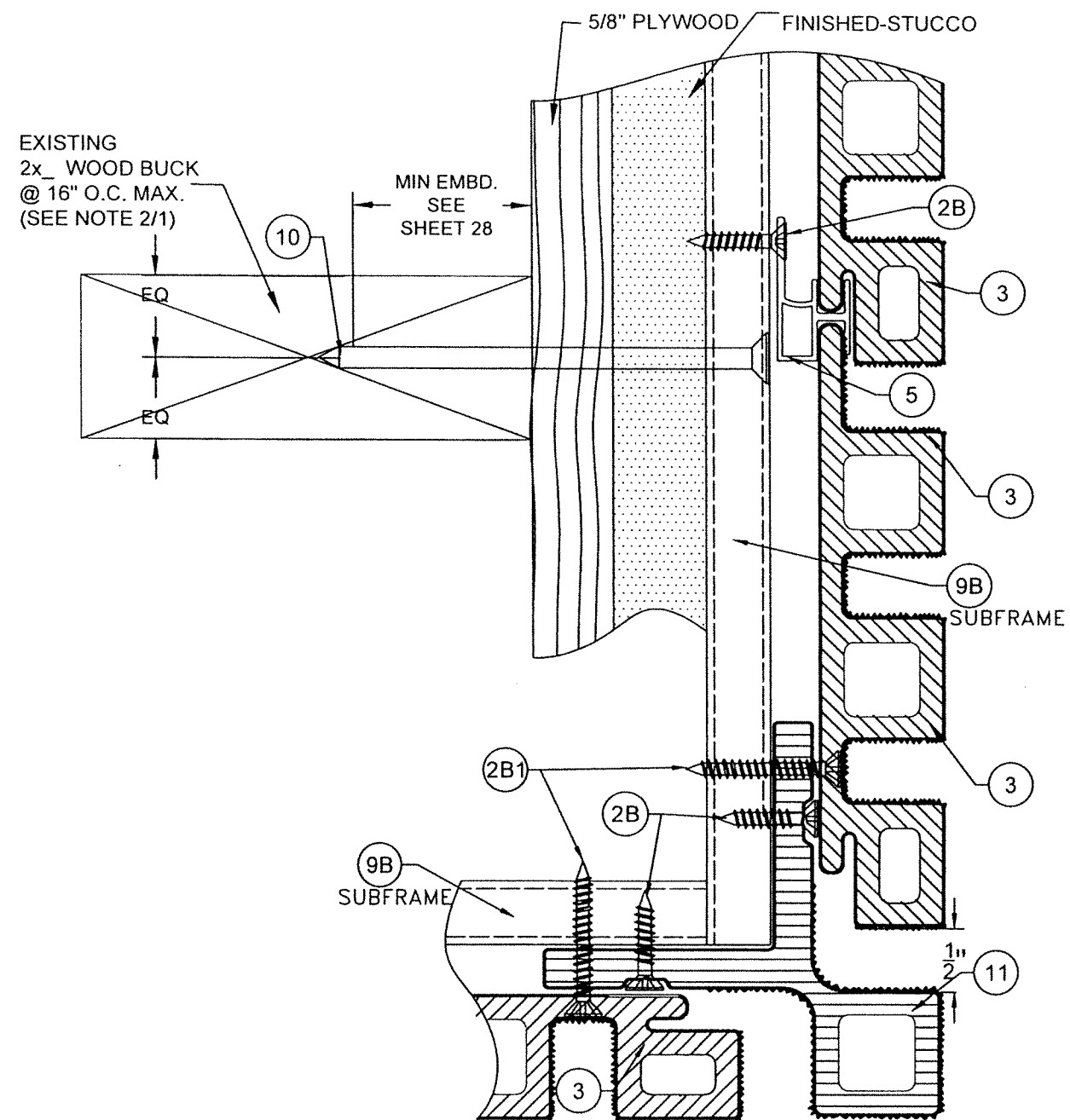


DETAIL 2
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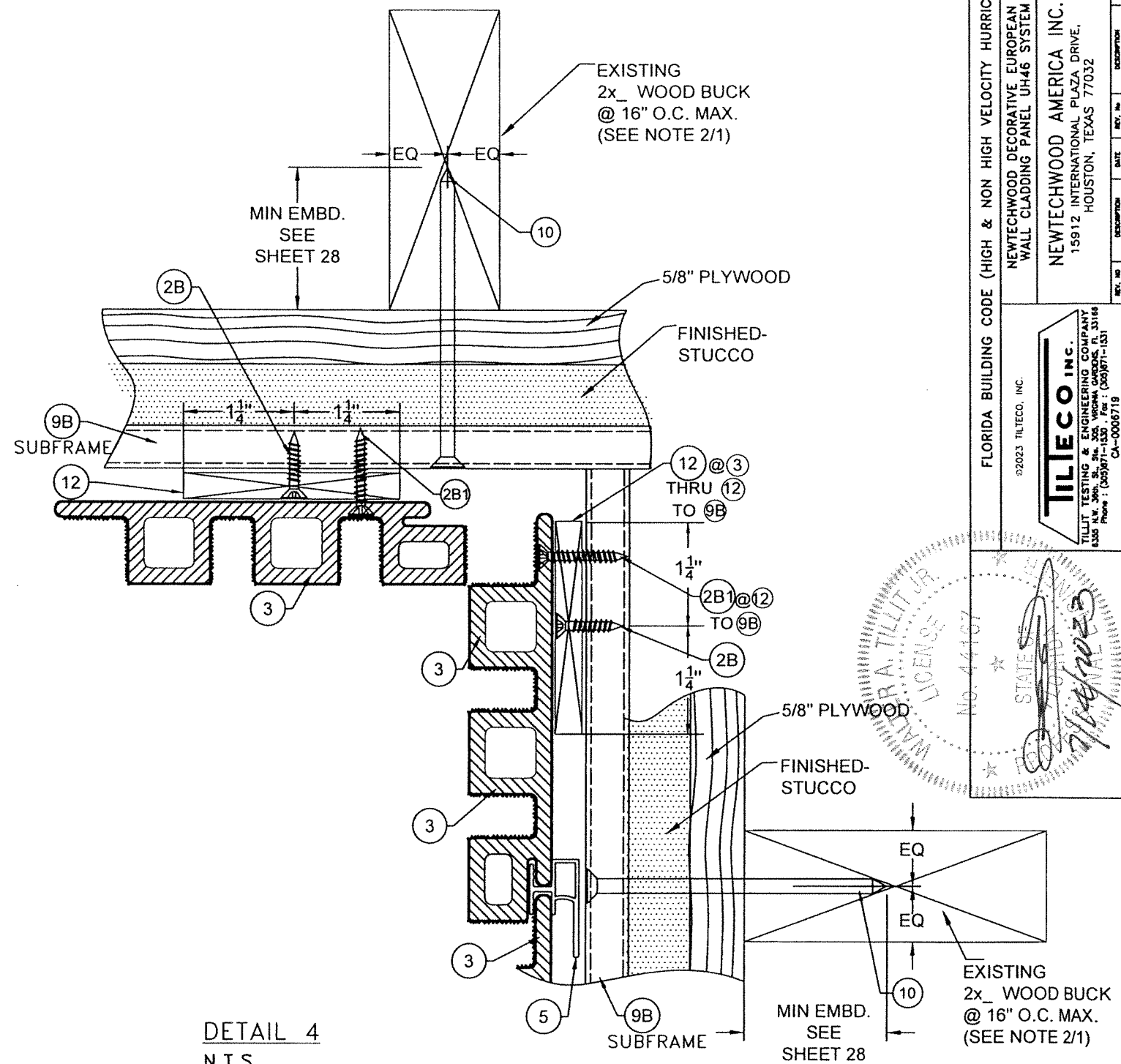
VERTICAL INSTALLATION W/ 9B : ENDS
WOOD FRAME BUILDINGS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		T.M.	DRAWN BY:
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		7/14/23	DATE:
23-111		23-111	DRAWING No.
SHEET 21 OF 28			
REV.	NO.	DATE	DESCRIPTION
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2	2	03-11-08	
3	3	03-11-08	
4	4	03-11-08	





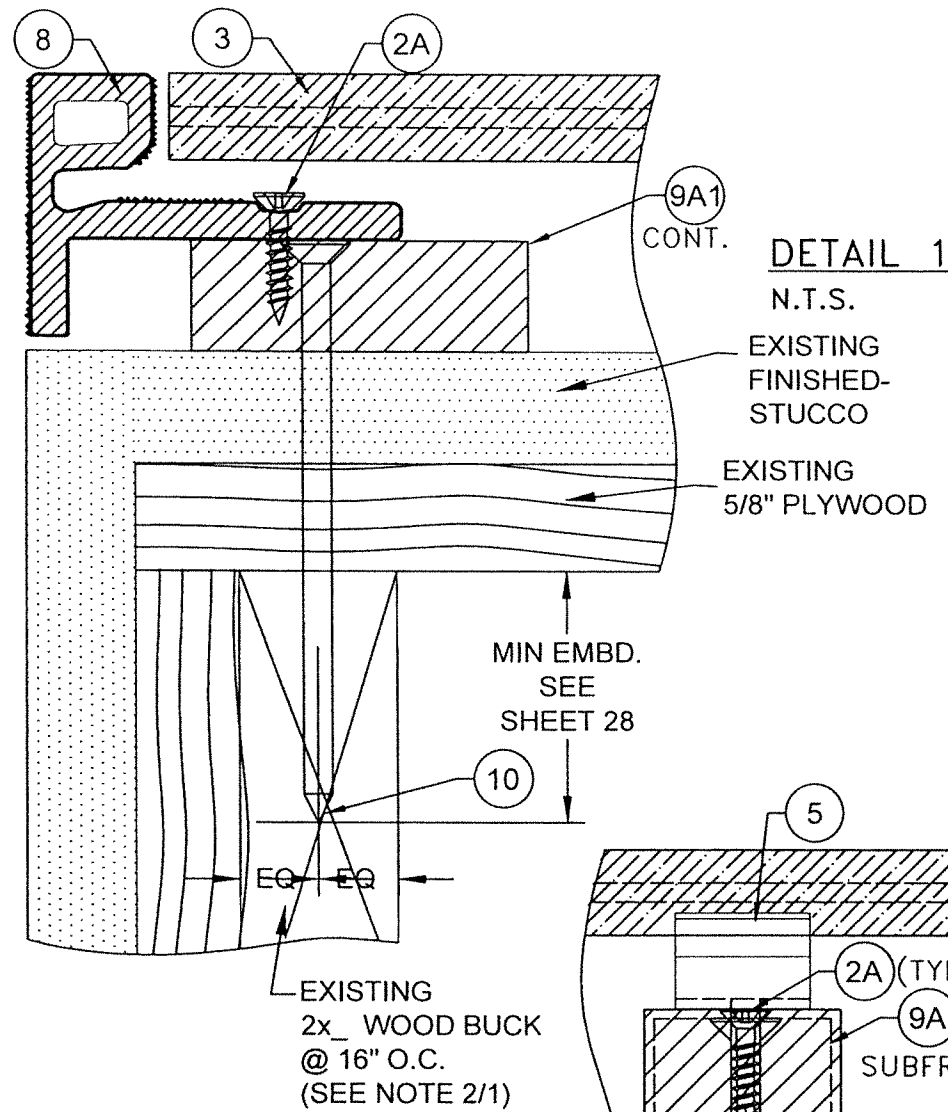
DETAIL 5
N.T.S.



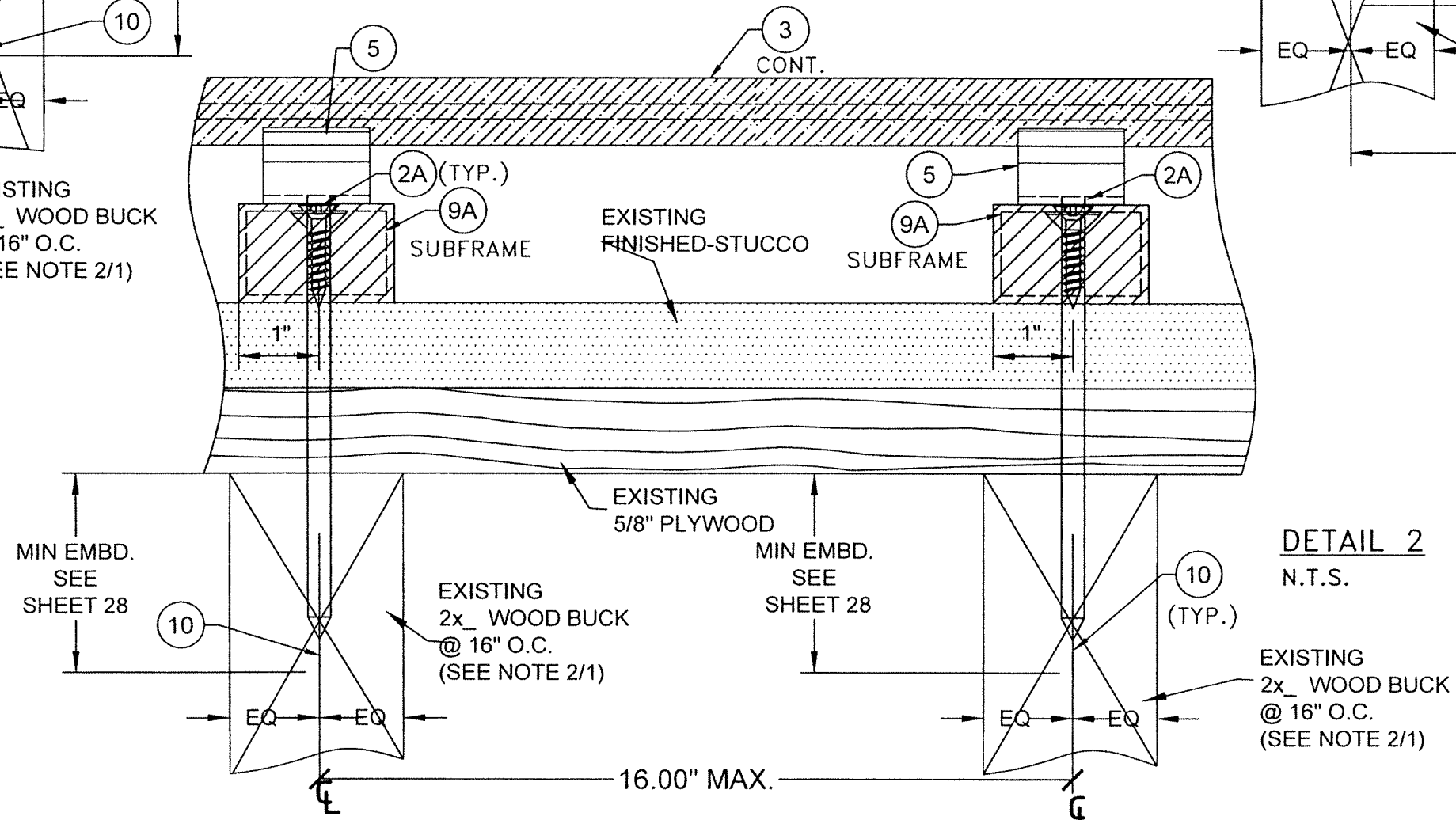
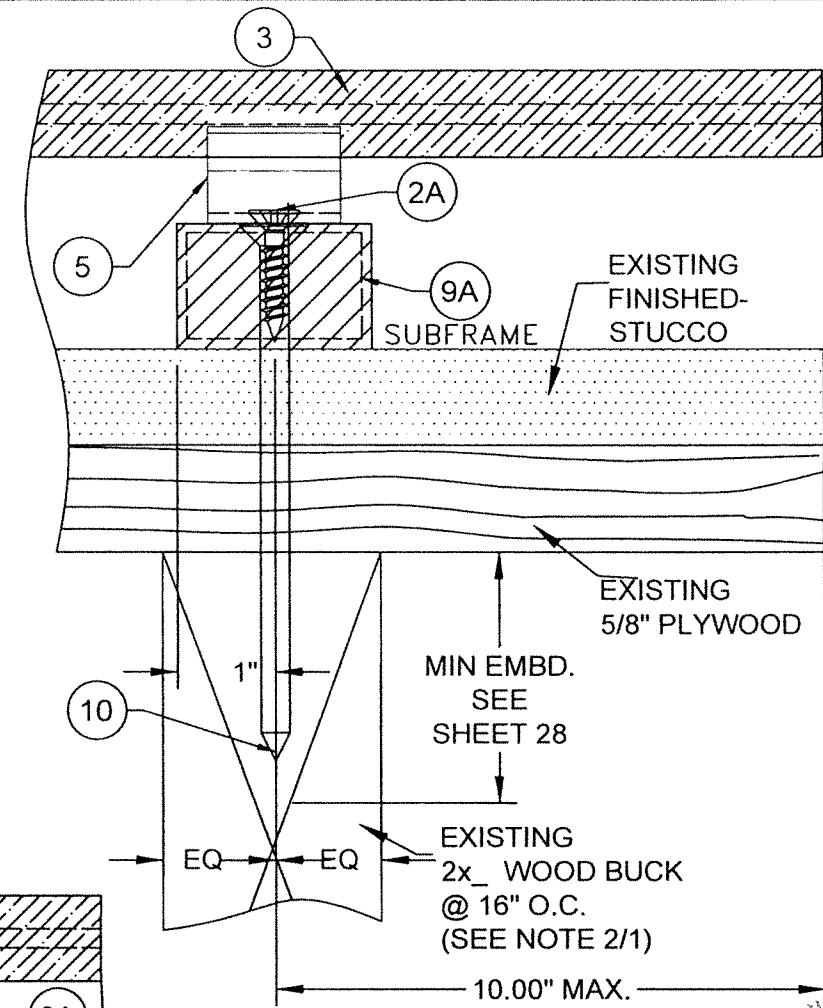
DETAIL 4
N.T.S.

VERTICAL INSTALLATION W/ 9B INTERIOR & EXTERIOR CORNER
WOOD FRAME BUILDINGS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		Y.M. DRAWN BY:	7/14/23
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77052		DATE:	23-111
		REV. NO.	DRAWING No.
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DETAIL 3
N.T.S.

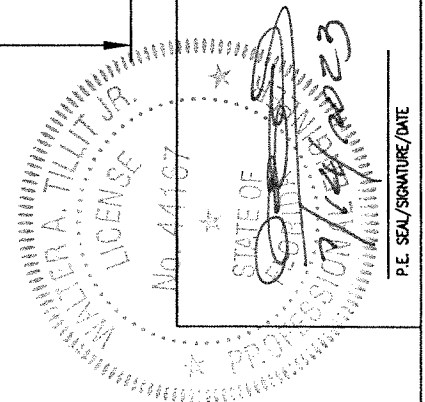


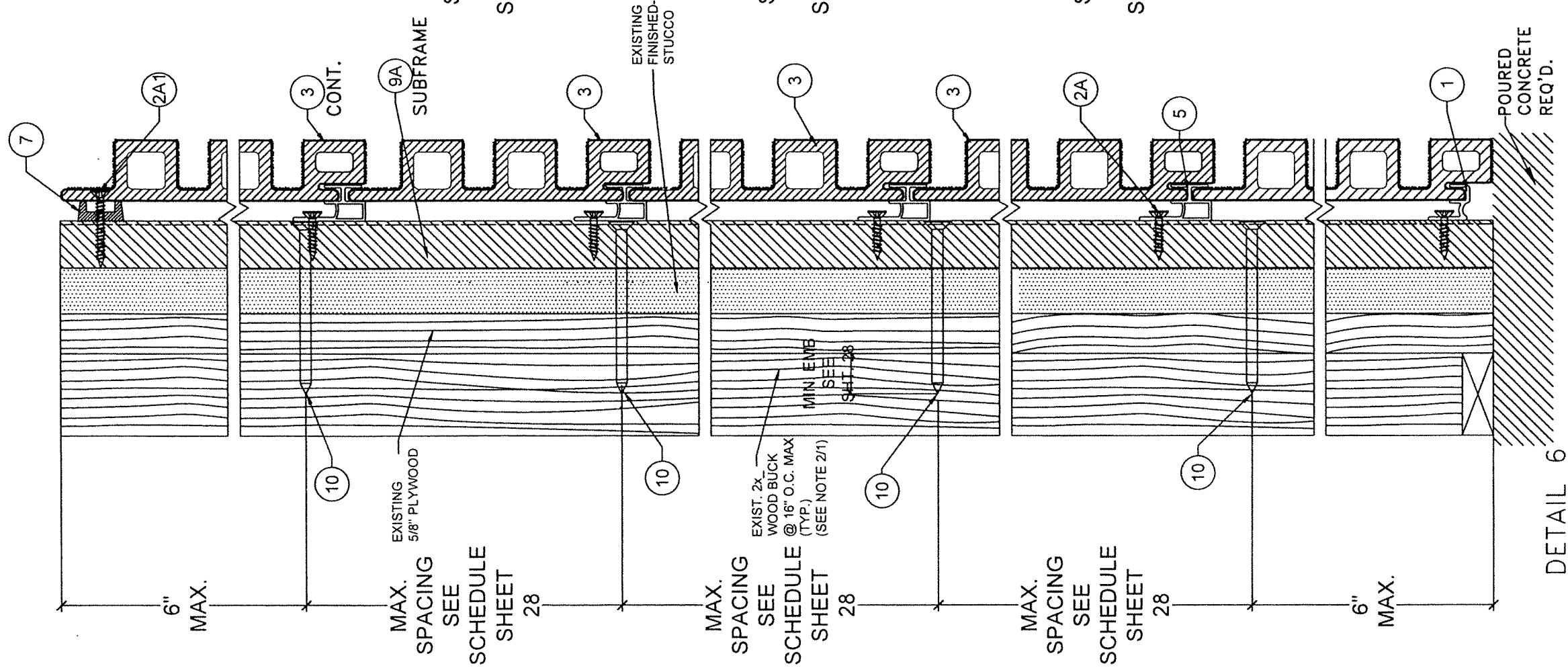
HORIZONTAL INSTALLATION W/ 9A WOOD FRAME BUILDINGS

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

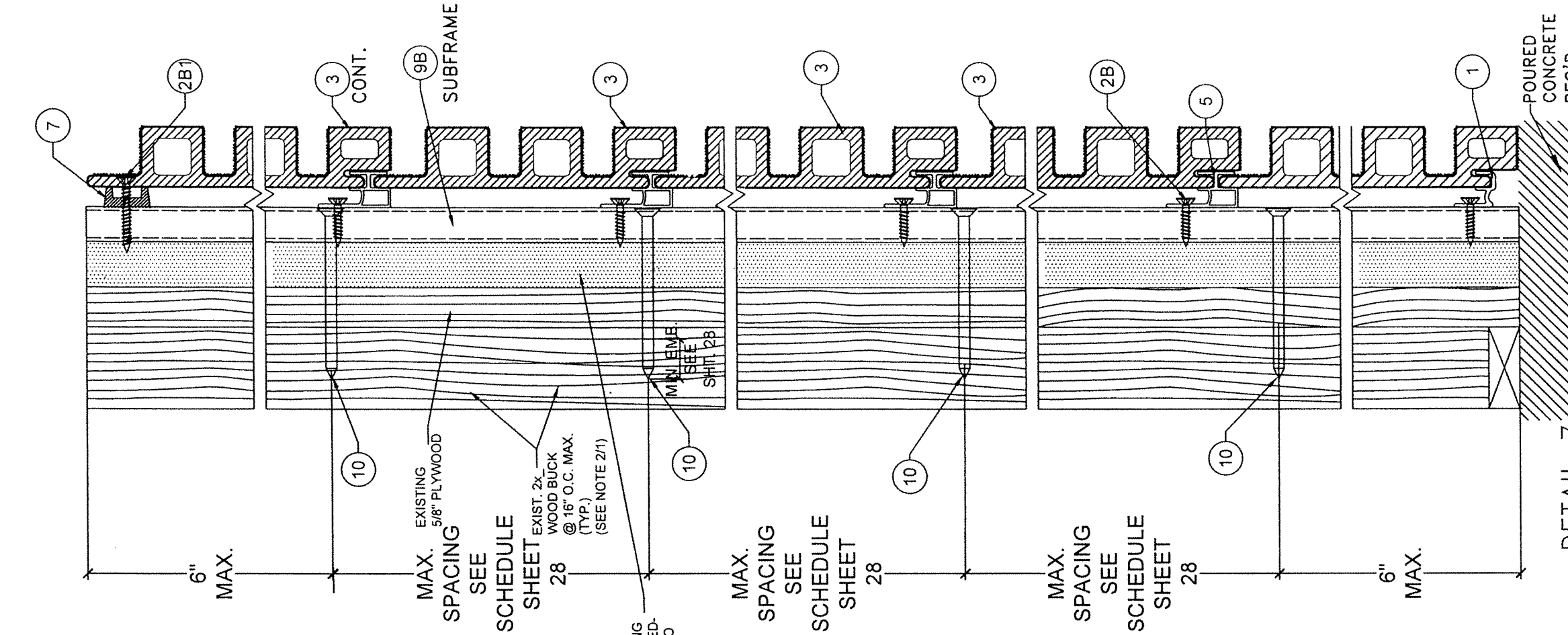
T.M.		7/14/23	23-111	230F 28
DRAWN BY:		DATE:		
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		DATE:		
NEWTECHWOOD AMERICA INC.		DATE:		
15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		DATE:		
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION
1	02.11.2023	7/14/23	1	02.11.2023

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6333 N.W. 36th St., Ste. 302, Miramar, FL 33186
Phone: (305) 871-1530 Fax: (305) 871-1531
CA-0006719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167





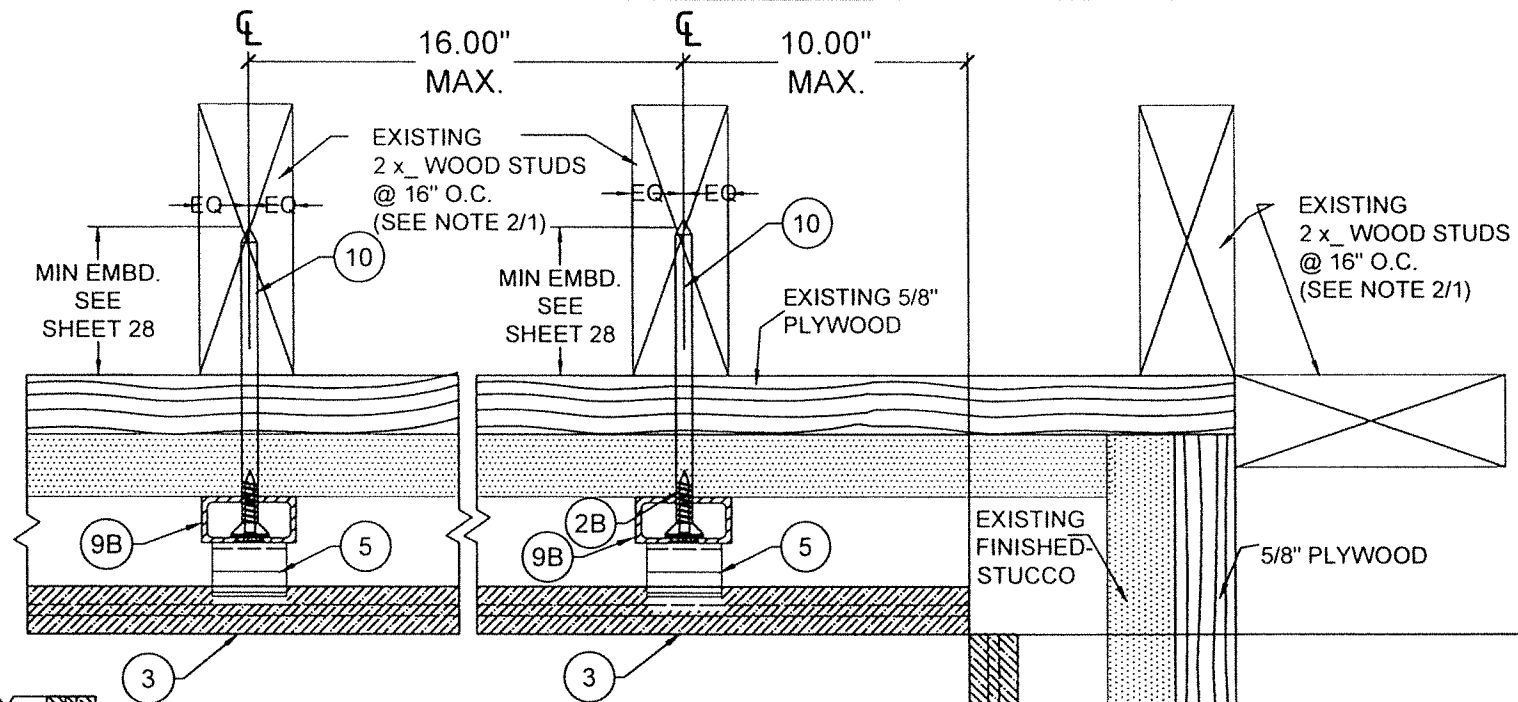
HORIZONTAL INSTALLATION W/ 9A
POURED CONCRETE OR CONCRETE
BLOCK SUBSTRATE
N.T.S.



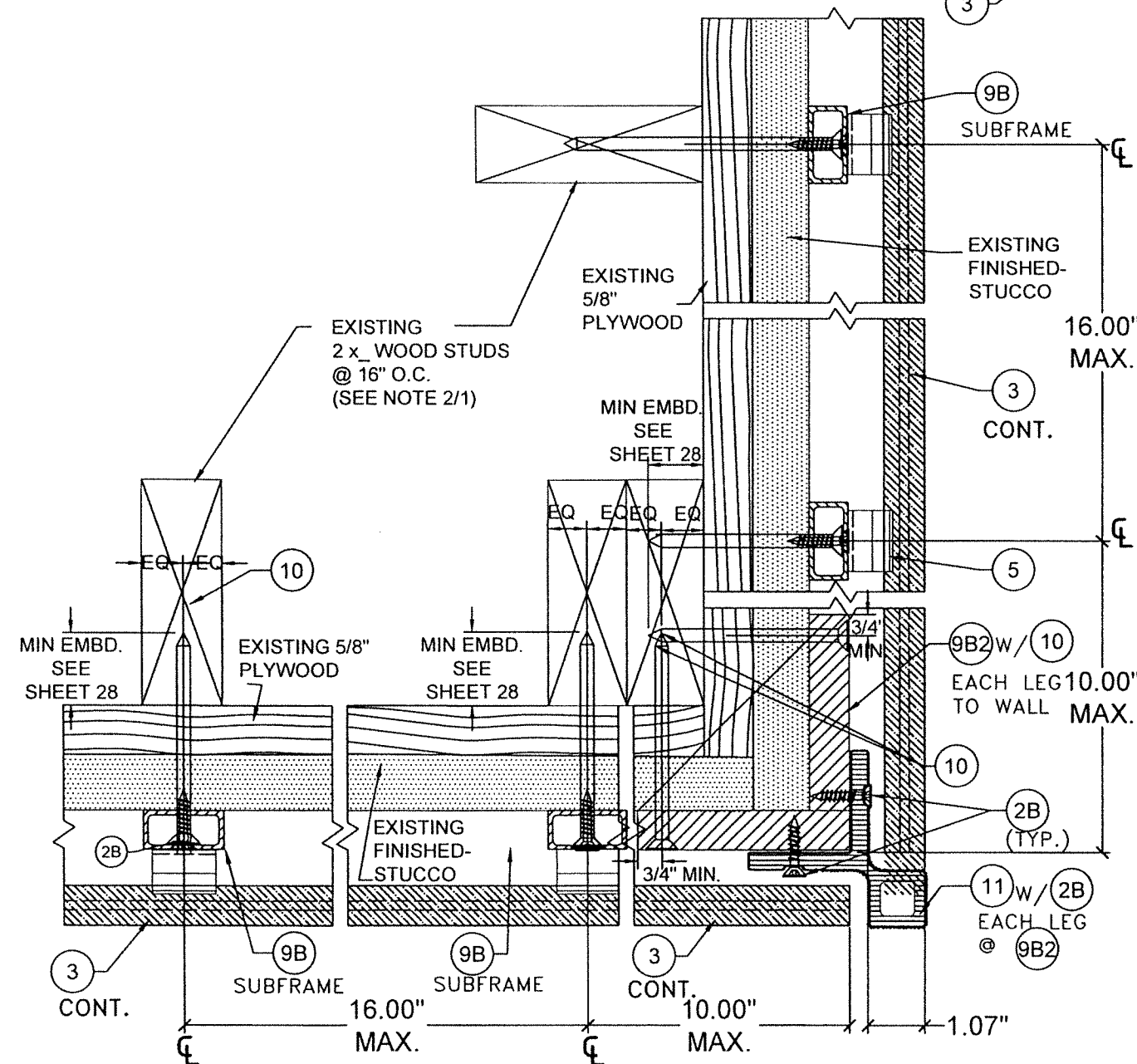
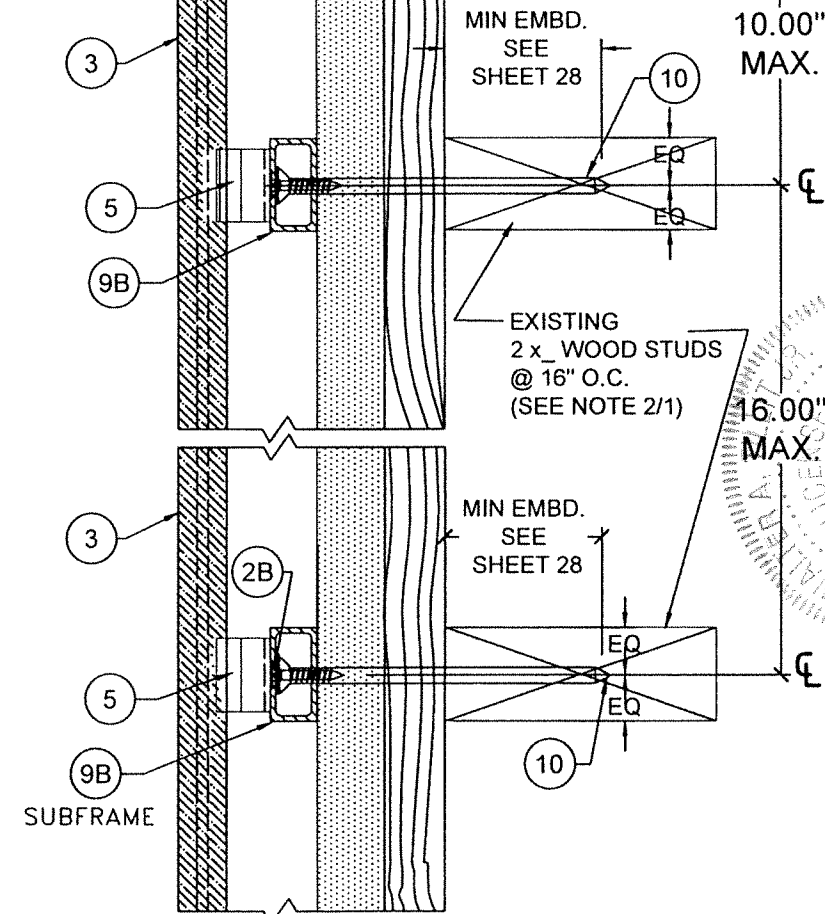
HORIZONTAL INSTALLATION W/ 9B
POURED CONCRETE OR CONCRETE
BLOCK SUBSTRATE
N.T.S.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	
62023 TILTECO, INC.		DRAWN BY:	
TILTECO INC.		7/14/23	
TILIT TESTING & ENGINEERING COMPANY		DATE:	
6355 N.W. 34th St., Ste. 305, Virginia Gardens, FL 33186		23-111	
Phone: (305)971-1530 Fax: (305)971-1531		DRAWING No.	
WALTER A. TILLIT JR. P.E.		25 OF 28	
FLORIDA LIC. # 44167		SHEET	

DETAIL 5
N.T.S.



DETAIL 4
N.T.S.



HORIZONTAL INSTALLATION W/ 9B , 9B2
INTERIOR & EXTERIOR CORNER
WOOD FRAME BUILDINGS

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	7/14/23	23-111	DRAWING No.
NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		DRAWN BY:	DATE:		
NEWTECHWOOD AMERICA INC.		REV.	NO.	DATE	DESCRIPTION
15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		1	7/14/23	3	
TILECO INC.		2			
TILLIT TESTING & ENGINEERING COMPANY		3			
8355 N.W. 34th St., Ste. 303, Fort Lauderdale, FL 33321		4			
Phone: (305) 971-1330 Fax: (305) 971-1331		5			
CA-0006719		6			
WALTER A. TILLIT Jr., P.E.		7			
FLORIDA Lic. # 44167		8			

ANCHOR SCHEDULE
ANCHORING OF COMPONENTS

9A , 9B , 9A1 , 9A2 , 9B1 , 9B2

MAX. DESIGN PRESSURE RATING (psf)	ANCHOR TYPE	SUBSTRATE AT WALL OR CEILING						MAX. SUBSTRATE @ WALL OR CEILING					
		CONCRETE MIN. f'c=3000 psi AT 28 DAYS			CONCRETE BLOCK WALL ASTM C-90			WOOD* (VERTICAL SUBFRAME) MIN. G = 0.55			WOOD** (HORIZONTAL SUBFRAME) MIN. G = 0.55		
		MIN. E.D.	MIN. EMB.	MAX. SPC.	MIN. E.D.	MIN. EMB.	MAX. SPC.	MIN. E.D.	MIN. EMB.	MAX. SPC.	MIN. E.D.	MIN. EMB.	MAX. SPC.
+150,-150	10	1"	1 3/4"	12" O.C.	1"	1 1/4"	6" O.C.	3/4"	1"	12" O.C	-	-	-
+112.5 , -112.5	10	1"	1 3/4"	12" O.C.	1"	1 1/4"	6" O.C.	3/4"	1"	12" O.C	3/4"	1"	16" O.C

NOTE: MIN. E.D. & EMBEDMENT ARE BEYOND ANY FINISH MATERIAL AT EXISTING WALL (SEE NOTE 2/1)

* - VALID ONLY FOR VERTICALLY INSTALLED SUBFRAME

- MUST COINCIDE WITH LOCATION OF EXISTING VERTICAL 2X WOOD STUDS SPACED @ 16" O.C @ EXISTING WALL (SEE NOTE 2/1).
- MAX. 12" O.C INDICATED SPACING IS VERTICAL SPACING ALONG EXISTING STUD'S HEIGHT.
- MIN. 1" EMBEDMENT IS AT EXISTING VERTICAL 2X WOOD STUD BEYOND ANY EXISTING SHEATHING OR WALL FINISH. SHEATHING MUST COMPLY WITH SECTIONS 1626.4(2), 1404.2 OF THE FLORIDA BUILDING CODE.
- FASTENER 10 MUST BE INSTALLED AT MIDWIDTH OF EXISTING VERTICAL 2X STUD.

* * VALID ONLY FOR HORIZONTALLY INSTALLED SUBFRAME

- MUST BE ANCHORED AT EXISTING 16" O.C VERTICAL 2X WOOD STUDS @ EXISTING WALL (SEE NOTE 2/1).
- MIN. 1" EMBEDMENT IS AT EXISTING VERTICAL 2X WOOD STUD BEYOND ANY EXITING SHEATHING OR WALL FINISH.
- SHEATHING MUST COMPLY WITH SECTIONS 1626.4(2), 1404.2 OF THE FLORIDA BUILDING CODE.
- FASTENER 10 MUST BE INSTALLED AT MIDWIDTH OF EXISTING VERTICAL 2X STUD.

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

NEWTECHWOOD DECORATIVE EUROPEAN WALL CLADDING PANEL UH46 SYSTEM		Y.M. DRAWN BY:
NEWTECHWOOD AMERICA INC. 15912 INTERNATIONAL PLAZA DRIVE, HOUSTON, TEXAS 77032		7/14/23 DATE:
		23-111 DRAWING No.
		SHEET 28 OF 28

