

GENERAL NOTES:

1. CWS 6" WALL PANEL SYSTEM #1 (WITH PANEL (1A)), SYSTEM #2 (WITH PANEL (1B)) & SYSTEM #3 (WITH PANEL (1C)) SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.), HAVE 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 NOTE 3 BELOW.
- 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 NOTE 3 BELOW.
- 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.
- 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 ELEMENT LAB. REPORTS #ESP039708P & #ESP041447P PER TAS 202 & 203 PROTOCOLS, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. SEE NOTE 10 FOR ADDITIONAL TESTING PERFORMED ON PRODUCT.
2. EXISTING WALL SHALL BE DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT AND SHALL BE BUILT FOR IMPACT, WIND & WATER RESISTANCE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AS FOLLOWS:
- 2.1 **FOR WOOD FRAME WALLS:** PER SECTIONS 1626.4.2 & 1404.2
- 2.2 **FOR MASONRY/CONCRETE WALLS:** PER SECTIONS 1626.4.1, 1404.4, 1404.6 & 2512
- SEE NOTES ON SHEET 18 FOR ADDED LIMITATIONS & CONDITIONS FOR WOOD FRAME WALLS.
3. **MAXIMUM A.S.D. DESIGN WIND PRESSURE RATING FOR THIS PRODUCT SHALL BE AS PER SCHEDULE #2 ON SHEET 26.**
- * PROFILES TO BE CONTINUOUS MIN. OVER 3 SPANS.
4. COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON SHEETS 2, 10 & 18 OF THIS DRAWING.
5. SUBSTRUCTURE (FURRING) COMPONENTS # (7A) & (7B) PROVIDING SUPPORT TO PRODUCT MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE EXISTING STRUCTURAL SYSTEM (WALL) AT SPACINGS INDICATED ON SCHEDULE #1 ON SHEET 26 FOR EACH WALL SUBSTRATE. SUBSTRUCTURE (FURRING). COMPONENTS (7A) & (7B) MUST BE AS INDICATED ON BILL OF MATERIALS ON SHEETS 2, 10 & 18, INSTALLED AT SPACING ON CENTER (MAX), USING SCHEDULE #2 ON SHEET 26. SEE DETAILS ON SHEETS 3 THRU 9 (FOR SYSTEM #1) SHEETS 11 THRU 17 (FOR SYSTEM #2) & SHEETS 19 THRU 25 (FOR SYSTEM #3).
6. EXTERIOR SIDING WALL PANELS ARE MADE OF COMPOSITE 100% RECYCLED PVC MATERIAL, LAMINATED WITH AN EXTERIOR FILM AS INDICATED ON BILL OF MATERIALS ON SHEETS 2, 10 & 18.
7. 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.
8. (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.

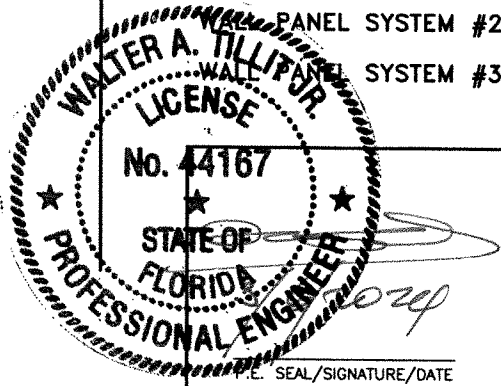
- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
9. PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY VISIBLE AT PLANK LOCATION IN ACCORDANCE WITH SECTION 1703.5 OF THE FLORIDA BUILDING CODE.
10. ADDITIONAL TESTING PERFORMED ON PANELS (1A), (1B) & (1C):

QUALIFICATION	TEST METHOD	TEST RESULT	REPORT #
MODULUS OF ELASTICITY	ASTM D638 (AFTER WEATHERING)	434,389 psi (AVERAGE)	23-06-P0002
WEATHERING	ASTM G-155 & ASTM D638	10% CHANGE AT MAX. LOAD	23-06-P0002
TENSILE STRESS AT BREAK	ASTM D638	4496 psi	23-06-P0002
IGNITION TEMPERATURE	ASTM D1929	887°F	23-06-P0002
RATE OF BURNING	ASTM D635	HB, CC1	23-06-P0002
SMOKE DENSITY	ASTM D2843	48<75	23-06-P0002
COEFFICIENT OF THERMAL EXPANSION	ASTM D3679	5.9X10 ⁻⁵ °C ⁻¹	20-06-p0051-FINAL

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

INDEX FOR WALL PANEL SYSTEMS:

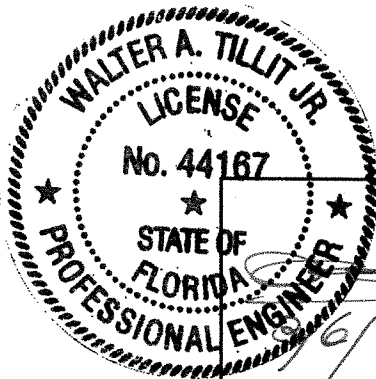
PRODUCT	SHEETS
WALL PANEL SYSTEM #1 (PANEL (1A)):	2 THRU 9A & 26
WALL PANEL SYSTEM #2 (PANEL (1B)):	10 THRU 17A & 26
WALL PANEL SYSTEM #3 (PANEL (1C)):	18 THRU 25A & 26



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
©2024 TILTECO, INC.		CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.	
TILTECO inc.		ChamClad by Chameleon	
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VERO BEACH, FL 33166 Phone: (305)671-1530 • Fax: (305)671-1531 CA-0008719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167		10235-184 ST. NW EDMONTON, AB T5S 2J4	
REV. NO.	DESCRIPTION	DATE	REV. NO.
1	OLD 22-064	03/04/24	3
2			4
DRAWING No.		SHEET 1 OF 26	

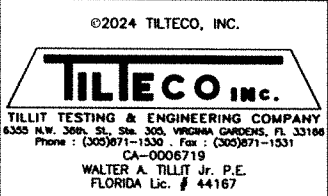
BILL OF MATERIALS
WALL SYSTEM #1 (W/ WALL PANEL 1A)

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1A	CWS 6" EXTERIOR 1/2" WALL PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	CLADDING PLANK
2	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1A TO 7A AT BOTTOM EDGE OF HORIZONTAL 1A W/ 8
4	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1A AT END CONNECTED TO 7A W/ 8 (SEE ELEVATION).
6	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1A AT END CONNECTED TO 7B W/ 8
7A	WOOD FURRING	1" X 2" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1A FIXED TO EXISTING STRUCTURE W/ 9
7B	WOOD FURRING FOR 6	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1A FIXED TO EXIST. STRUCTURE W/ 9
8	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1A OR ACCESSORIES TO 7A & 7B COUNTERSUNK AS NEEDED
8A	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1A TO 7A AT DETAIL 3/SHT. 5 & 5A COUNTERSUNK AS NEEDED
9	FASTENERS	1/4"Ø FLAT HEAD ULTRACON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7A & 7B TO EXISTING CONCRETE, BLOCK OR WOOD STUD WALL.
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.



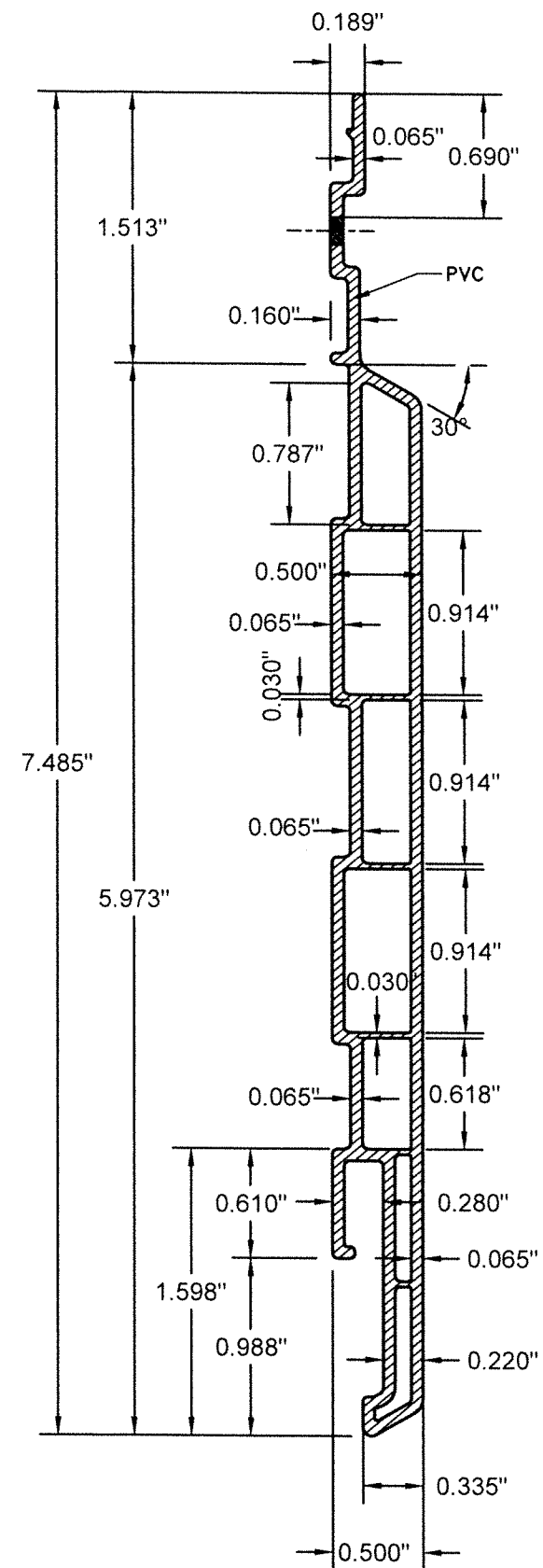
P.E. SEAL/SIGNATURE/DATE

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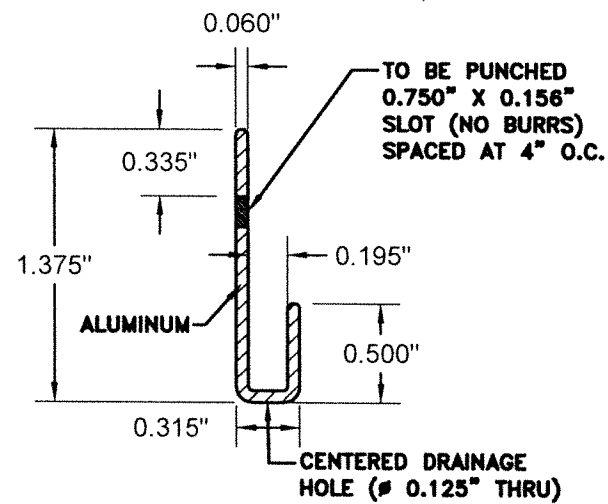


CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.				W.H. DRAWN BY:	
ChamClad by Chameleon				03/04/2024	
10235-184 ST. NW EDMONTON, AB T5S 2J4				DATE:	
				24-024	
				DRAWING No.	
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2			4		

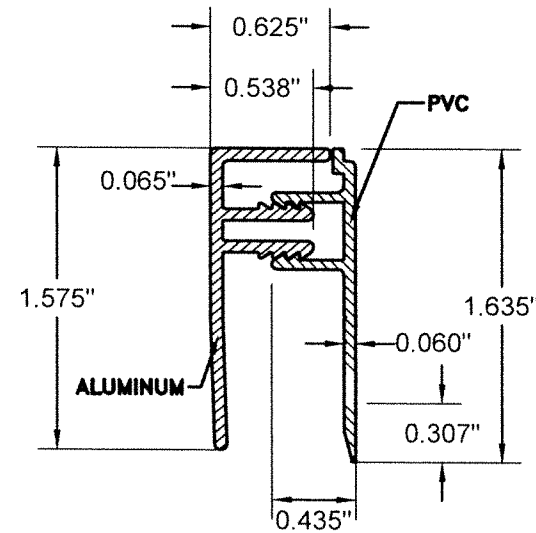
SHEET 2 OF 26



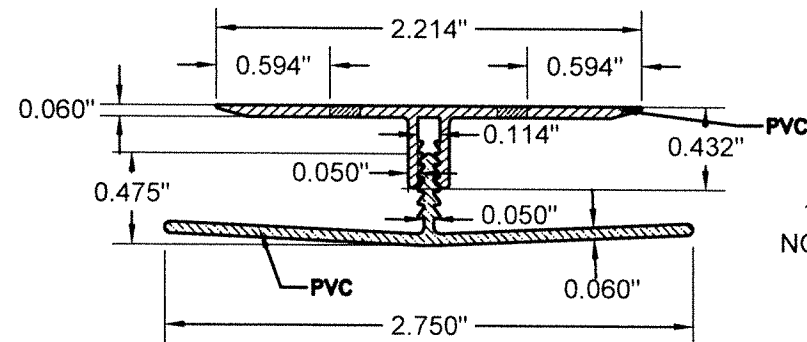
1A CWS 6" EXTERIOR 1/2" WALL PANEL W/ **10A** OR **10B**



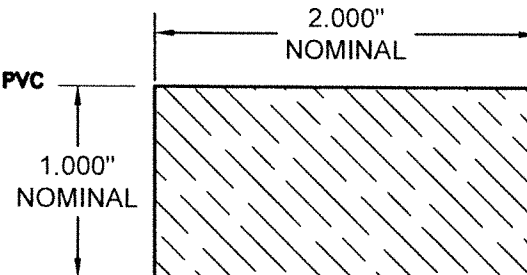
2 EXTERIOR STARTER STRIP



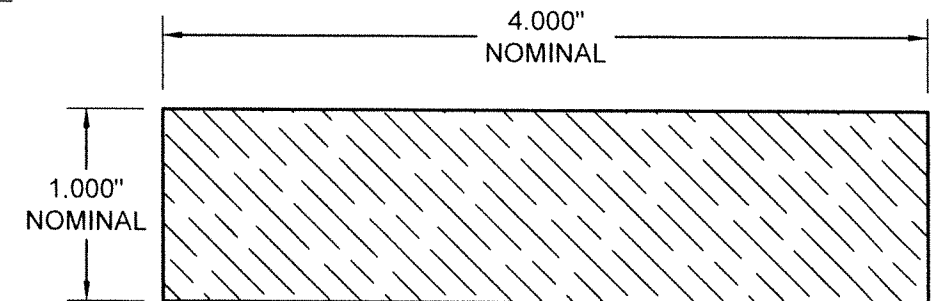
4 6" SIDING 2 PC FINISH TRIM



6 H-TRIM BASE & COVER CAP



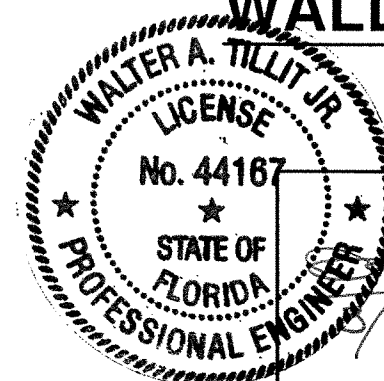
7A WOOD FURRING



7B WOOD FURRING FOR **6**

COMPONENTS WALL SYSTEM #1 W/ **1A**

SCALE: N.T.S



P.E. SEAL/SIGNATURE/DATE

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 303, VIRGINIA GARDENS, FL 33106
Phone : (305)871-1530 Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.

ChamClad
by Chameleon

10235-184 ST. NW
EDMONTON, AB T5S 2J4

W.H.

DRAWN BY:

03/04/2024

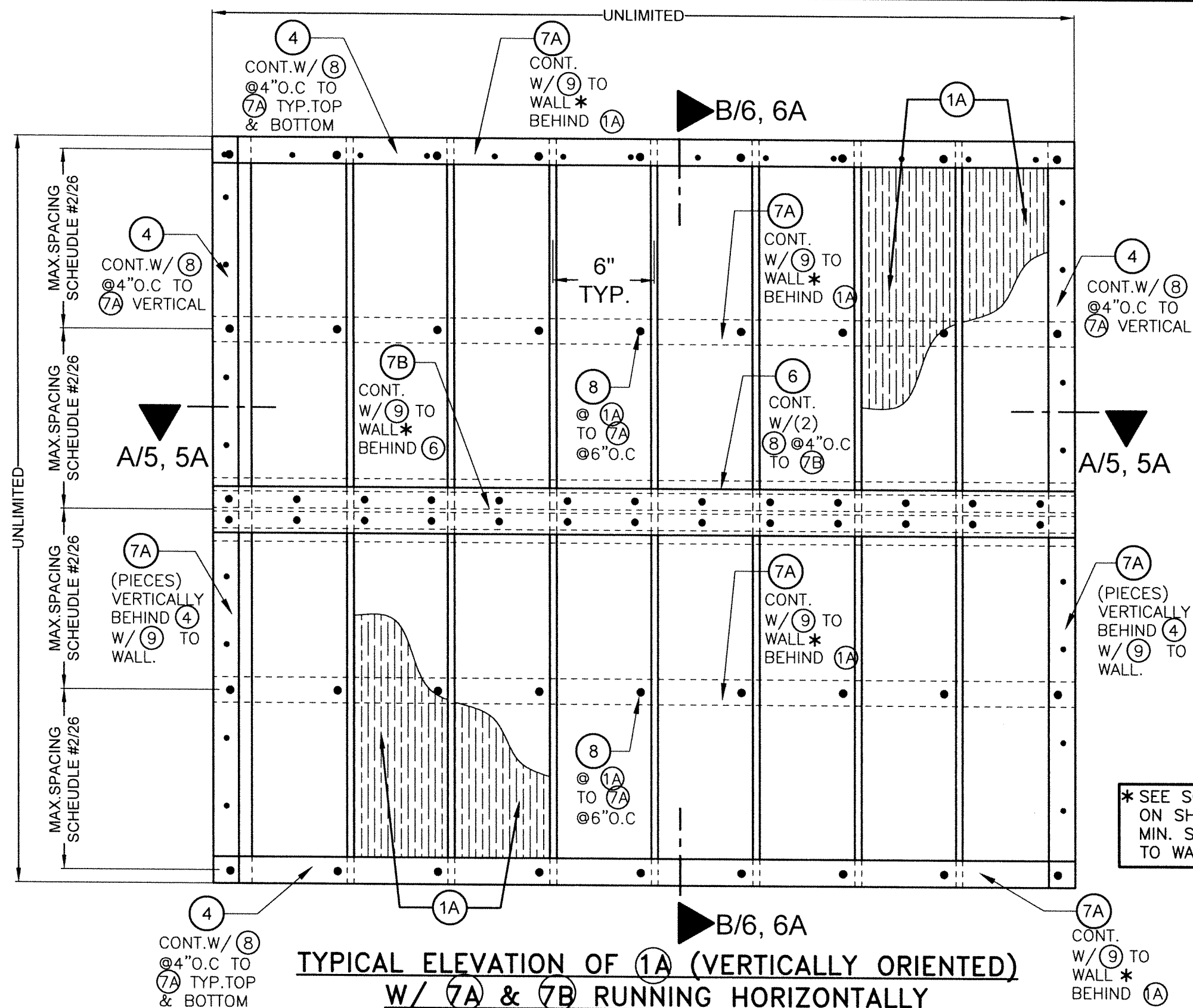
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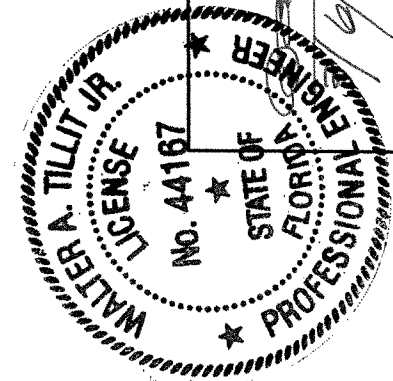
SHEET 3 OF 26

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2			4		

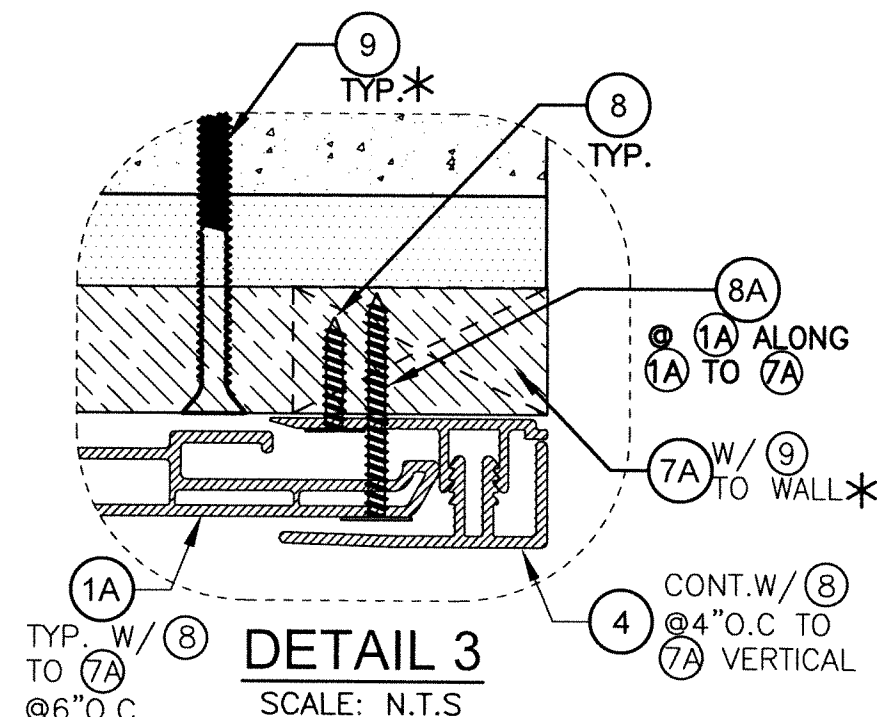
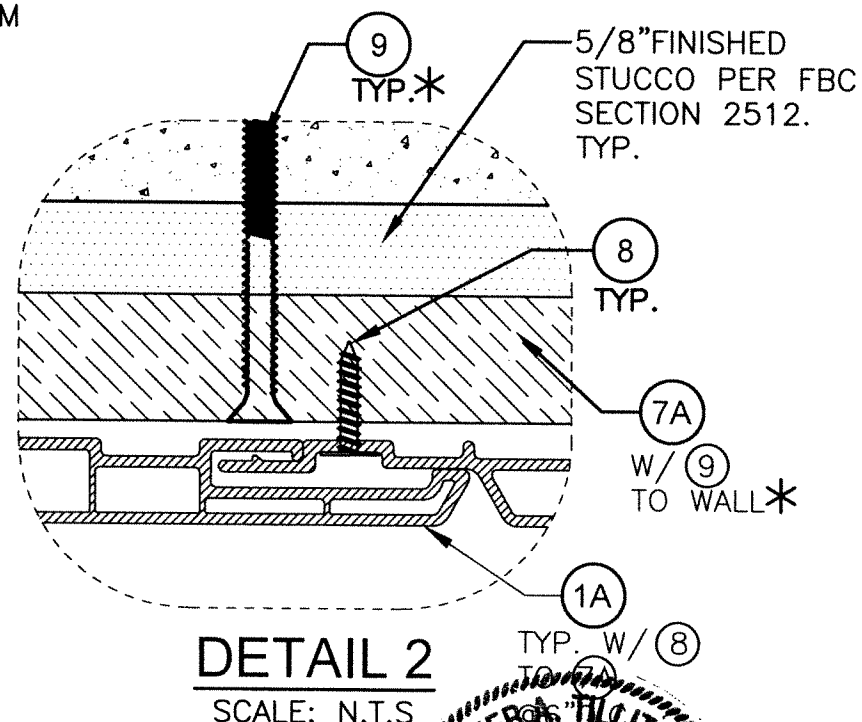
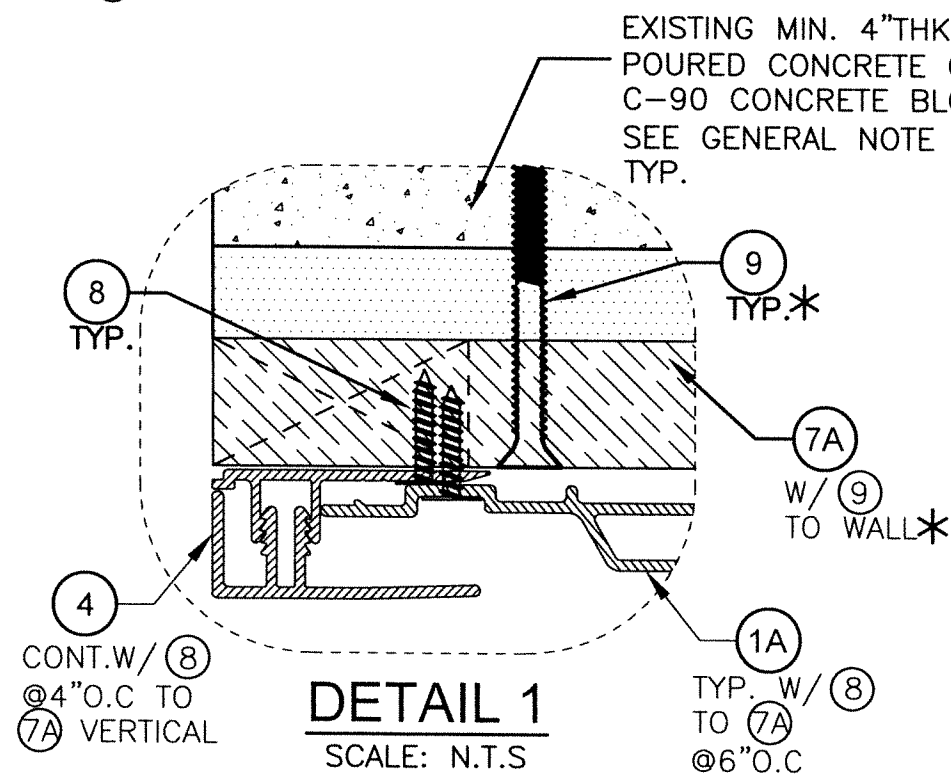
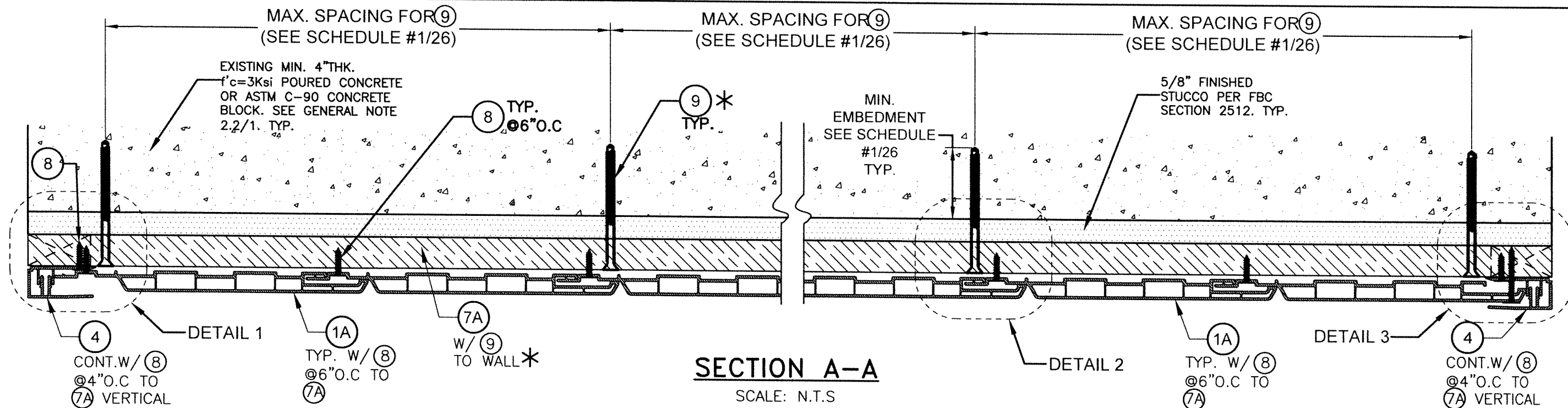


TYPICAL ELEVATION OF 1A (VERTICALLY ORIENTED)
W/ 7A & 7B RUNNING HORIZONTALLY
 SCALE: N.T.S
WALL SYSTEM #1: INSTALLATION INTO WOOD FRAME
OR CONCRETE/MASONRY WALLS W/ 1A

* SEE SCHEDULE #1
 ON SHEET 26 FOR
 MIN. SPACING OF 9
 TO WALL SUBSTRATE.

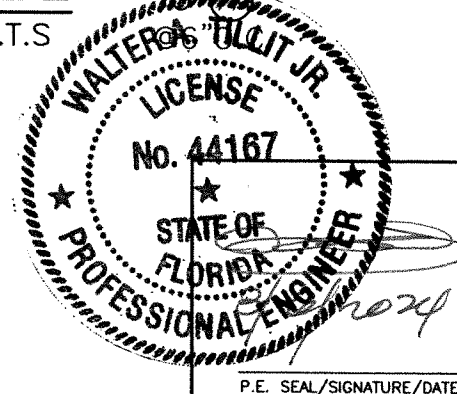


FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)	
W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 4 OF 26	W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 4 OF 26
ChamClad by Chameleon 10235-184 ST. NW EDMONTON, AB T5S 2J4 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167	
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 205, Virginia Gardens, FL 33186 Phone: (305) 497-1151 (Fax) 497-1151 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167	W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 4 OF 26

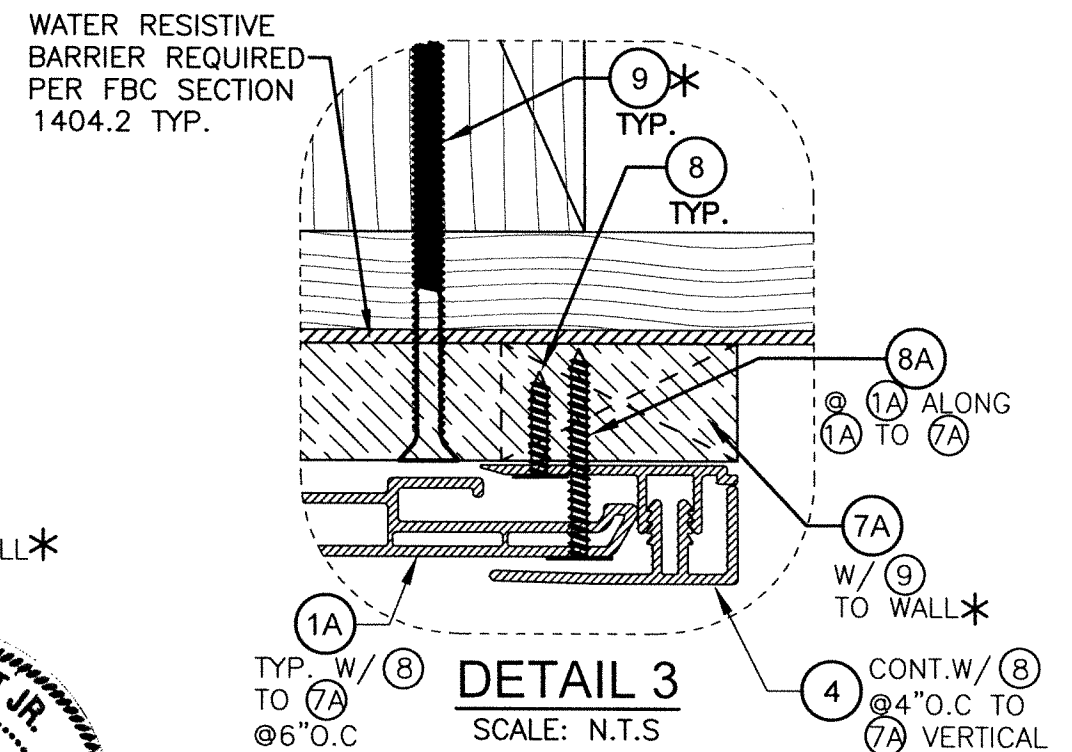
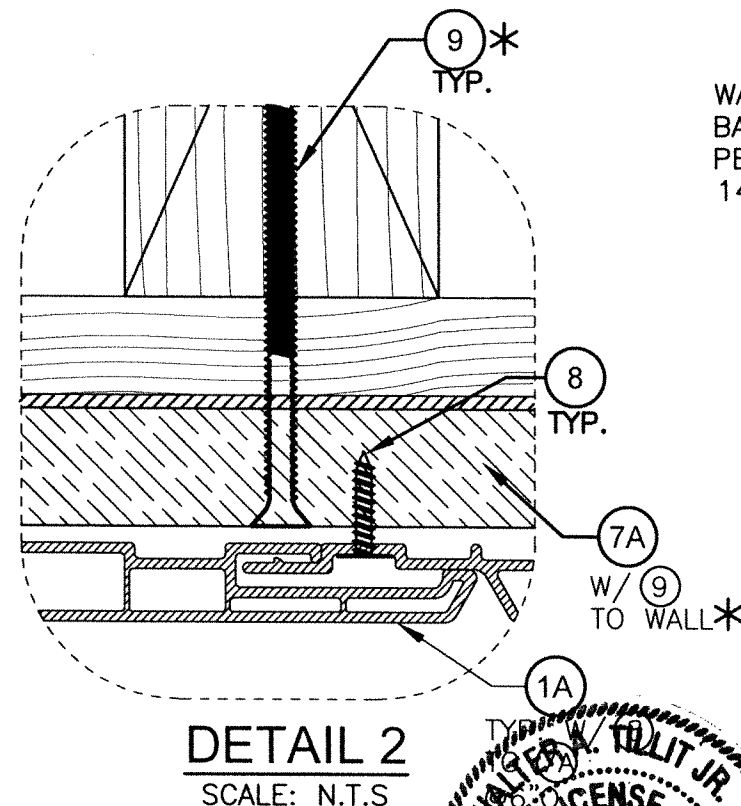
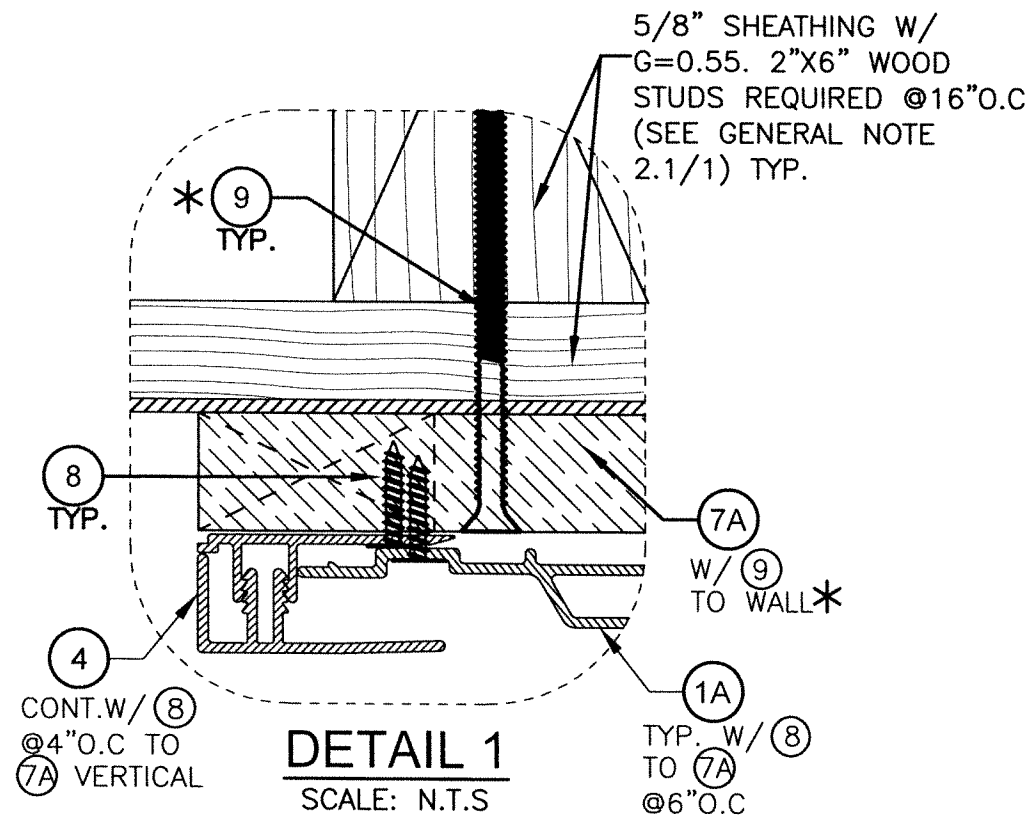
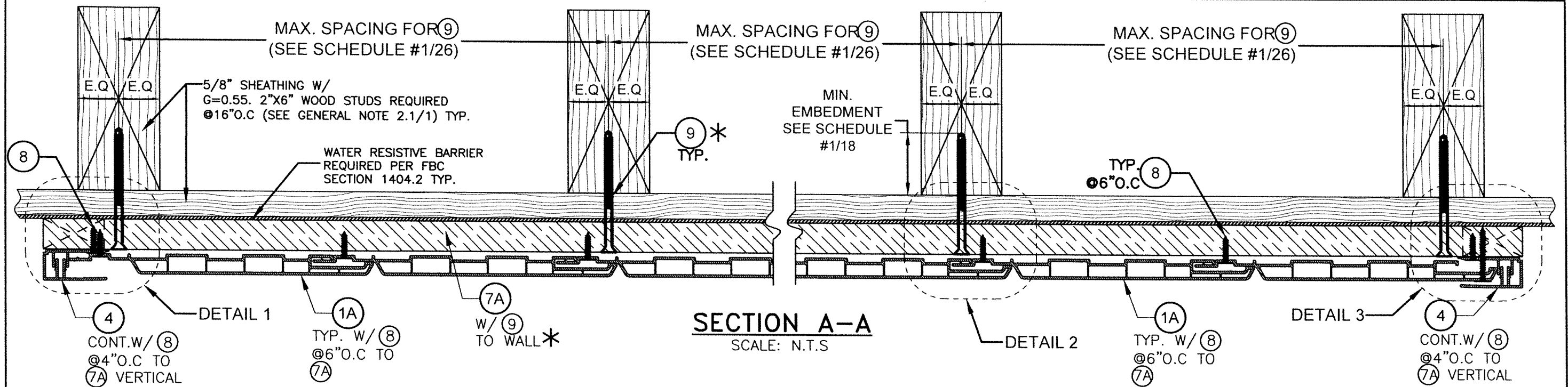


*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF (9) TO WALL SUBSTRATE.

WALL SYSTEM #1: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ (1A)

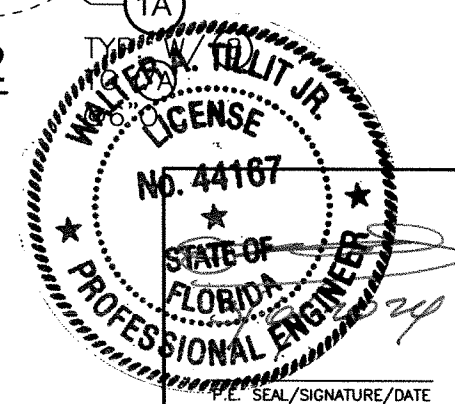


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TILTECO INC.			ChamClad by Chameleon		03/04/2024 DATE:
TILLIT TESTING & ENGINEERING COMPANY 6305 N.W. 36th St., Ste. 302, Fort Lauderdale, FL 33166 Phone: (305) 671-1530 Fax: (305) 671-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			10235-184 ST. NW EDMONTON, AB T5S 2J4		24-024 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 22-064	03/04/24	3		
2			4		
					SHEET 5 OF 26

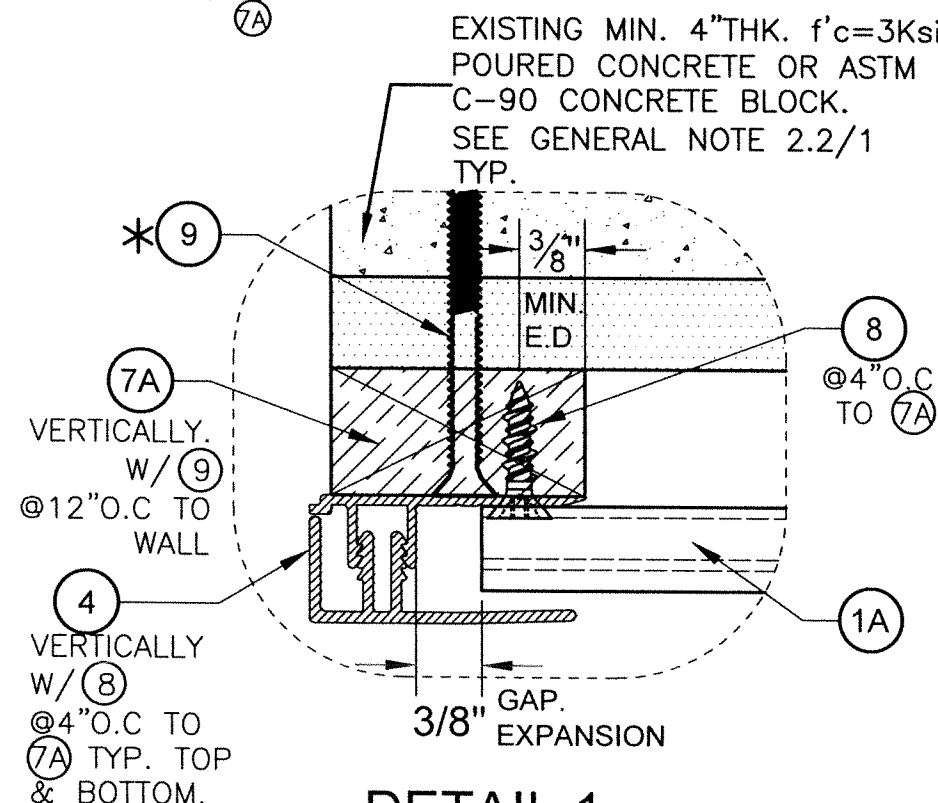
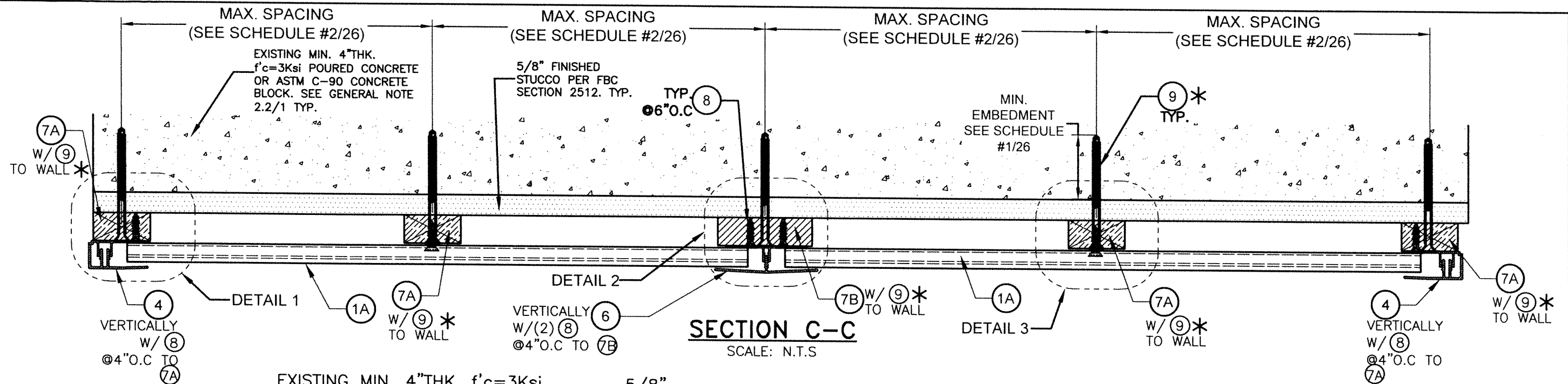


*SEE SCHEDULE #1 ON SHEET 26 FOR MIN. SPACING OF (9) TO WALL SUBSTRATE.

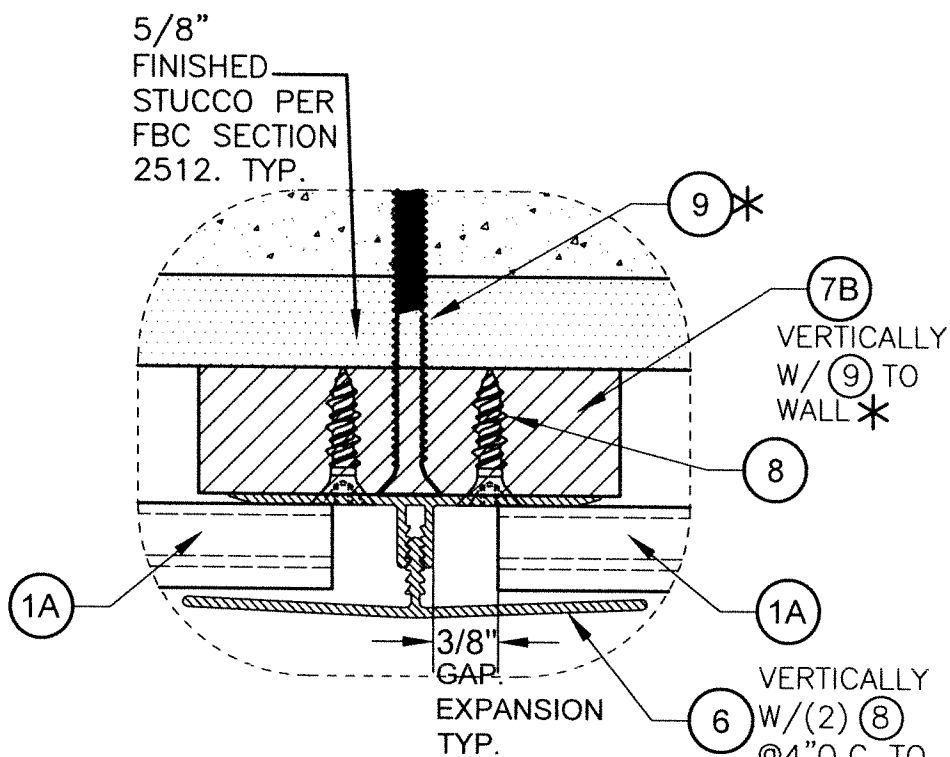
WALL SYSTEM #1: WOOD FRAME WALLS W/ (1A)



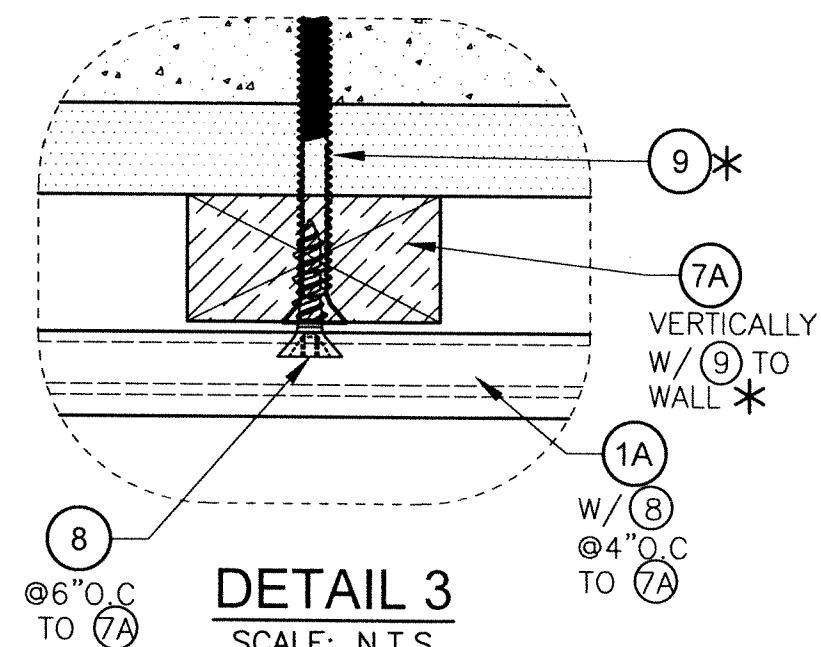
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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2			4		
					24-024 DRAWING No.
					SHEET 5A OF 26



DETAIL 1
SCALE: N.T.S



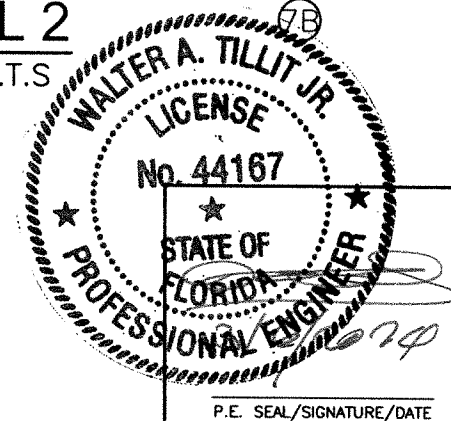
DETAIL 2
SCALE: N.T.S



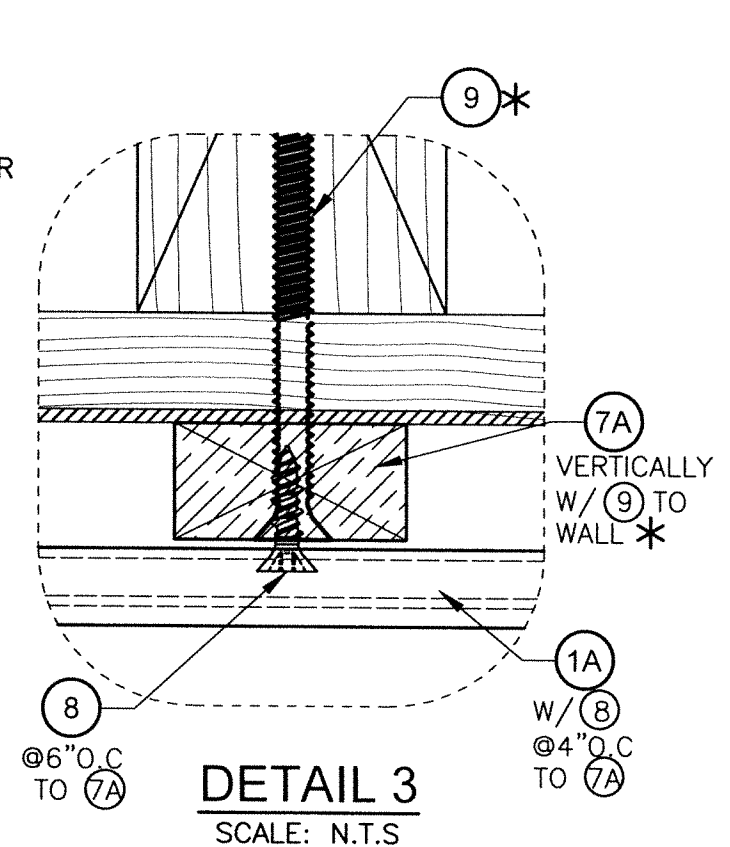
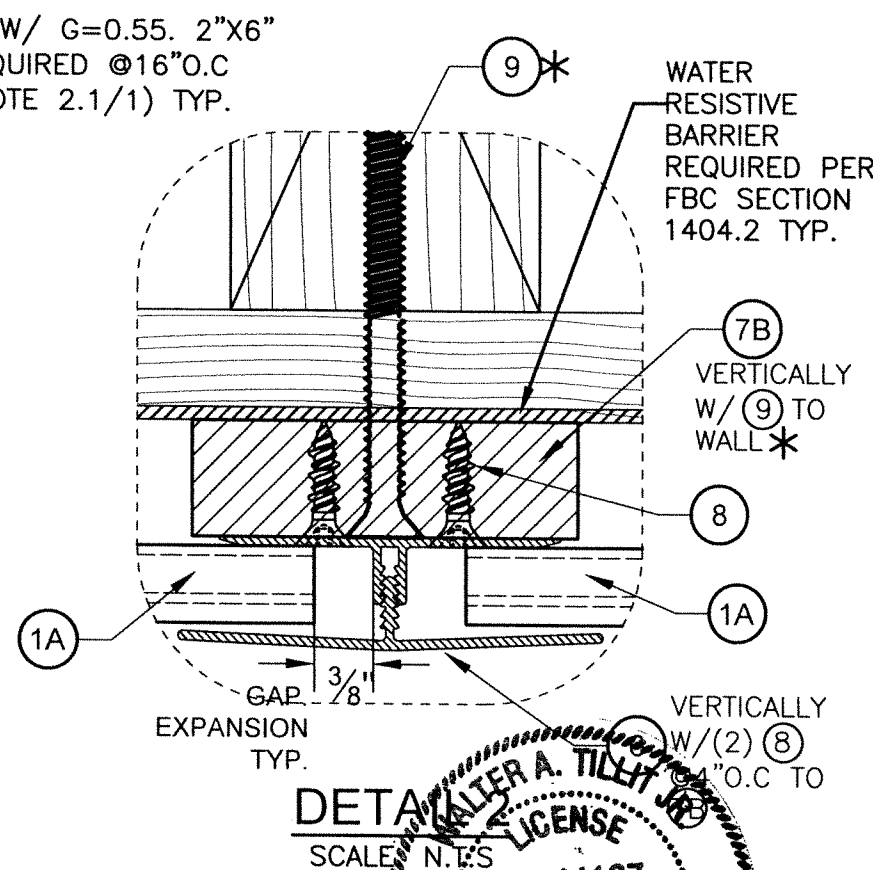
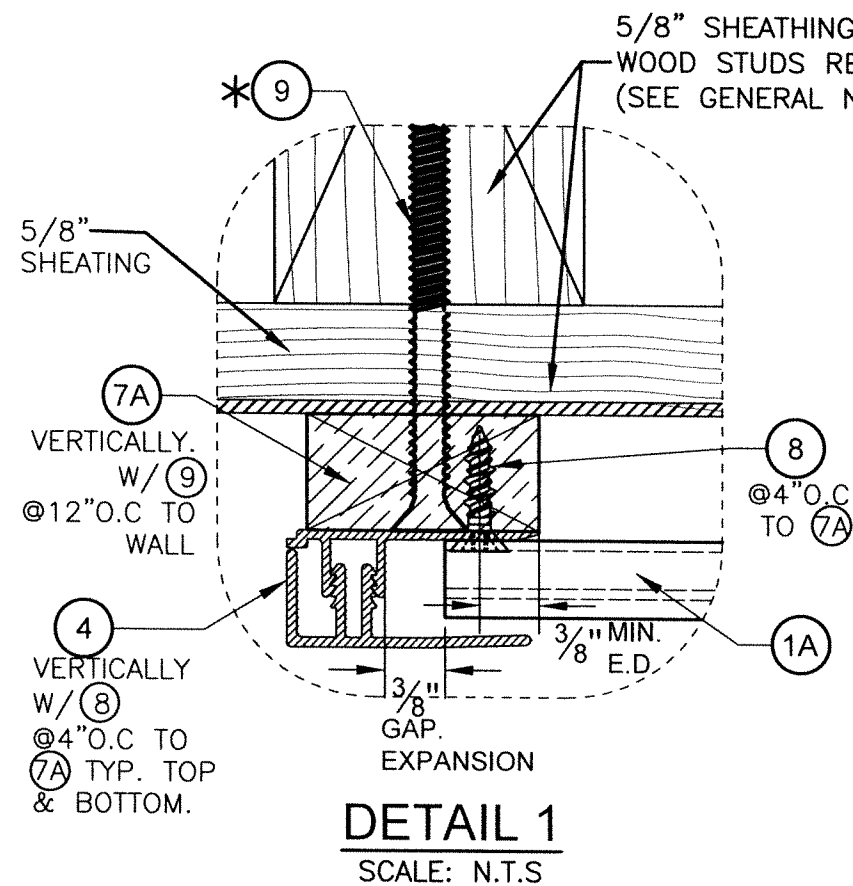
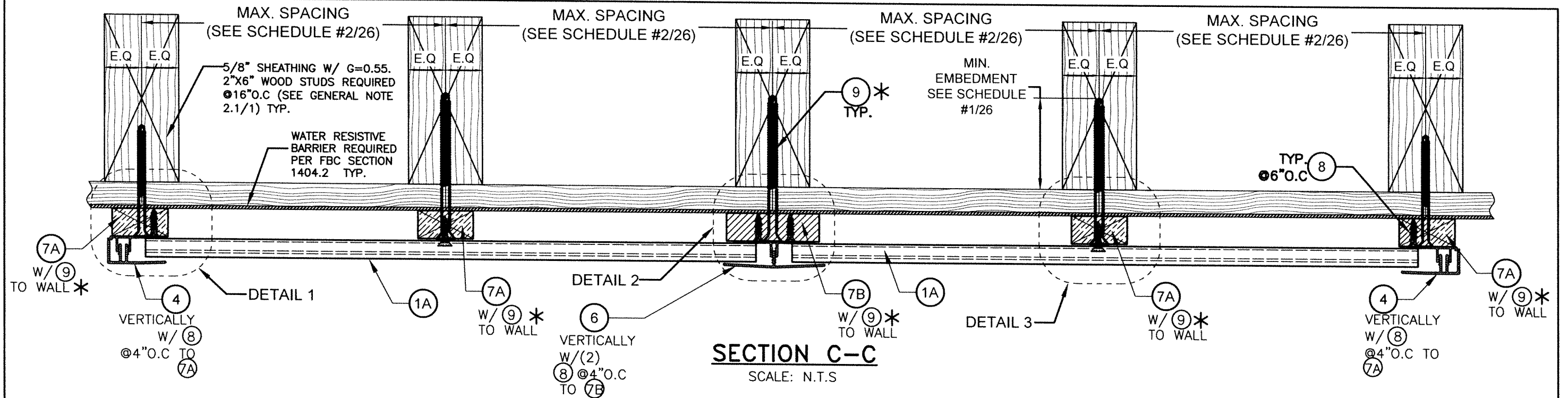
DETAIL 3
SCALE: N.T.S

*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF ⑨ TO WALL SUBSTRATE.

WALL SYSTEM #1: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ ①A

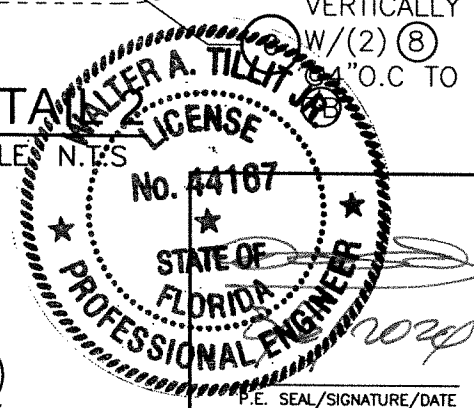


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TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305) 871-1330, Fax: (305) 871-1331 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ChamClad by Chameleon 10235-184 ST. NW EDMONTON, AB T5S 2J4		DRAWN BY:
					03/04/2024
REV. NO. DESCRIPTION DATE 1 OLD 22-064 03/04/24 2			REV. NO. DESCRIPTION DATE 3 4		DRAWING No.
					24-024
					SHEET 8 OF 26

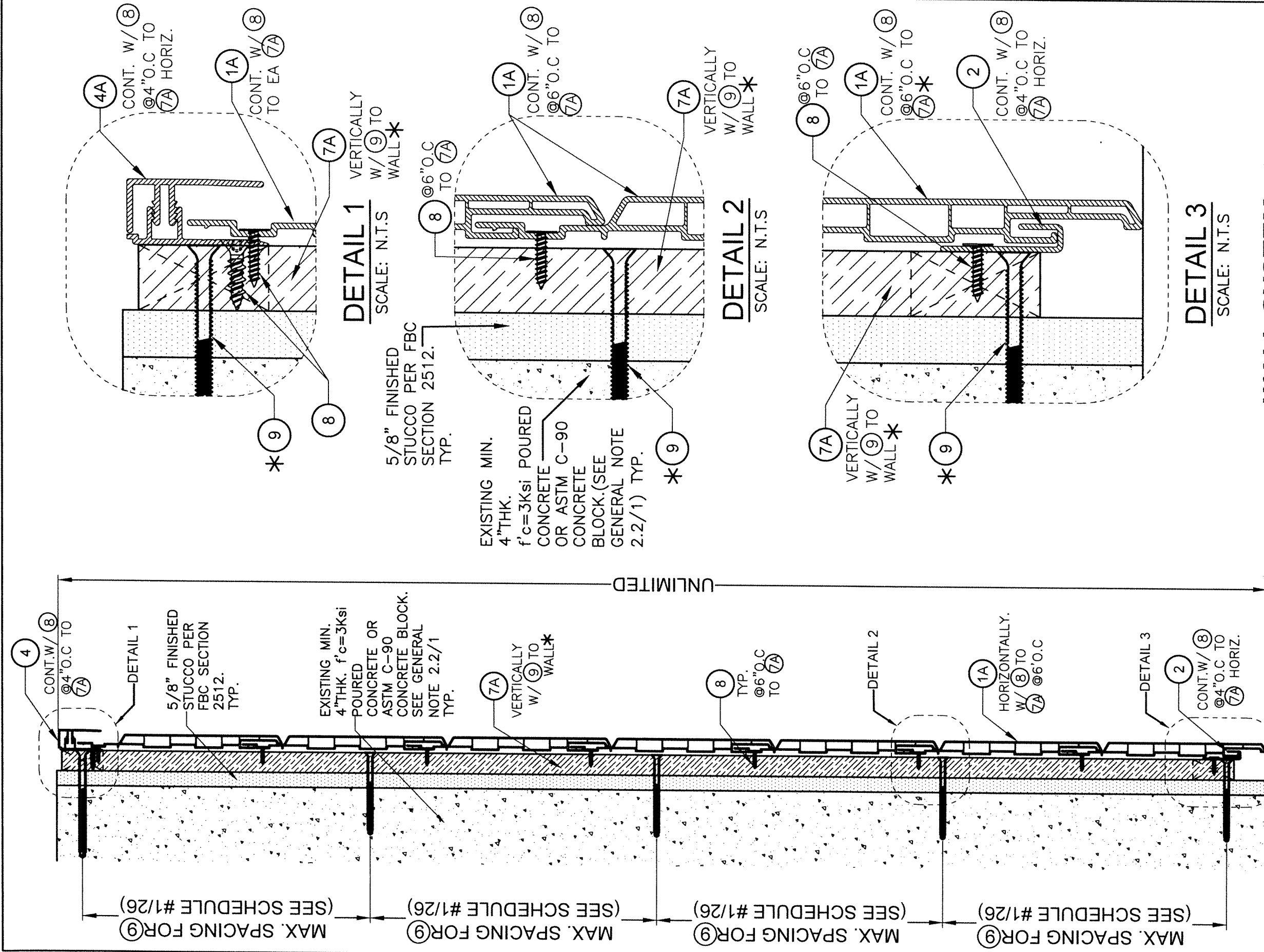


*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF (9) TO WALL SUBSTRATE.

WALL SYSTEM #1: WOOD FRAME WALLS W/ (1A)



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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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			W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 8A OF 26		



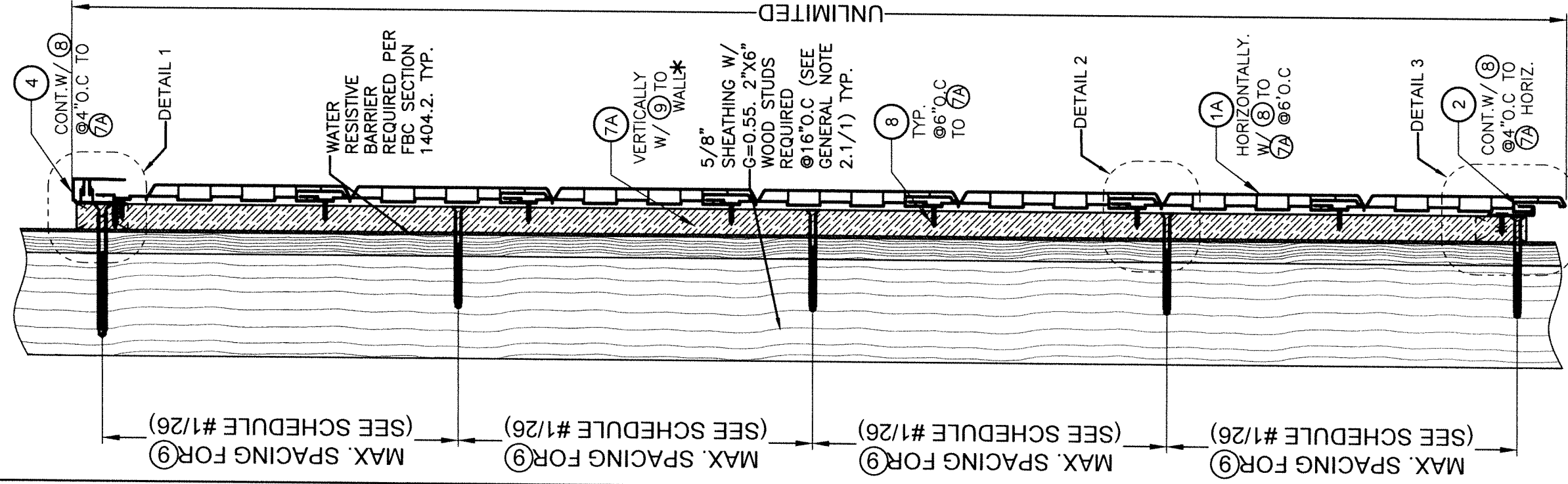
SECTION D-D:
SCALE: N.T.S.

WALL SYSTEM #1:
POURED CONCRETE OR CONCRETE
BLOCK WALL SUBSTRATE W/ 1A

*SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF 9
TO WALL SUBSTRATE.

TILECO inc.
TILLIT TESTING & ENGINEERING COMPANY
4335 N.W. 34th St., Suite 200, Virginia Gardens, P. 33146
Phone: (305) 971-1531
Fax: (305) 971-1531
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)
CWS 6" DECORATIVE EXTERIOR
WALL PANEL SYSTEMS.
ChamClad
by Chameleon
10235-184 ST. NW
EDMONTON, AB T5S 2J4
REV. NO. 1 DESCRIPTION DATE REV. NO. 2 DATE REV. NO. 3 DATE REV. NO. 4 DATE
1 OLD 22-004 03/04/24 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 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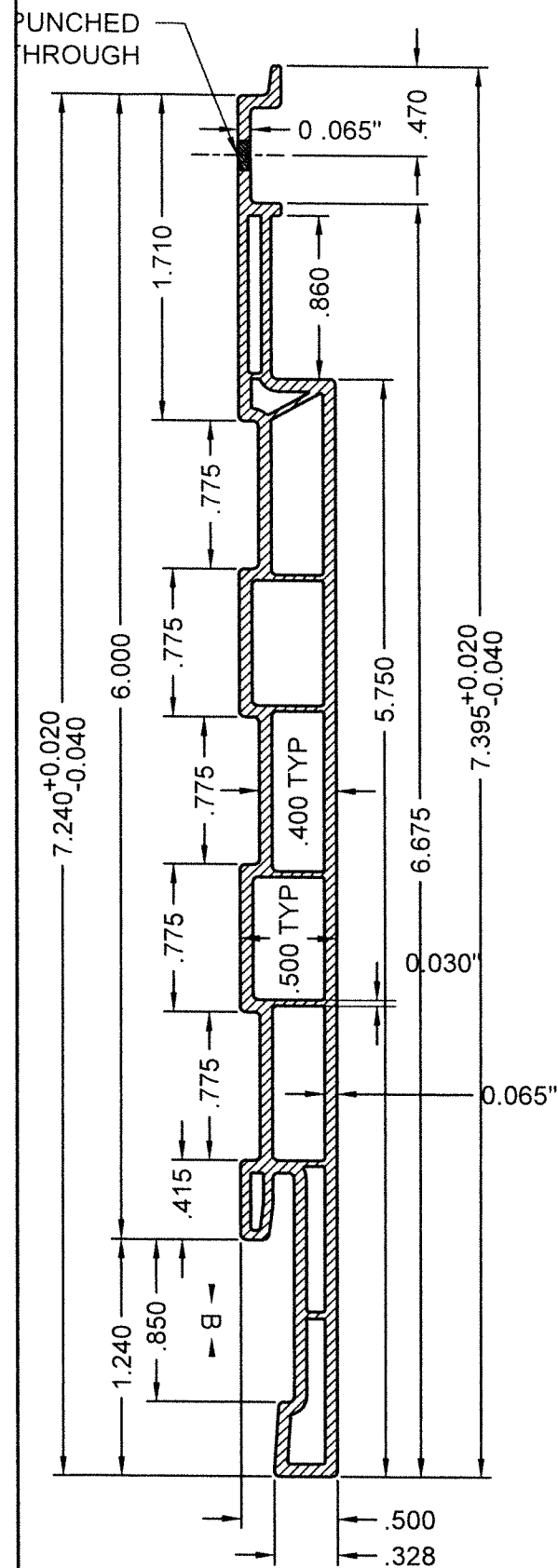
BILL OF MATERIALS
WALL SYSTEM #2 (W/ WALL PANEL 1B)

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1B	CWS 6" EXTERIOR 1/2" WALL PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	CLADDING PLANK
2	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1B TO 7A AT BOTTOM EDGE OF HORIZONTAL 1B W/ 8
4	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1B AT END CONNECTED TO 7A W/ 8 (SEE ELEVATION).
6	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1B AT END CONNECTED TO 7B W/ 8
7A	WOOD FURRING	1" X 2" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1B FIXED TO EXISTING STRUCTURE W/ 9
7B	WOOD FURRING FOR 6	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1B FIXED TO EXIST. STRUCTURE W/ 9
8	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1B OR ACCESSORIES TO 7A & 7B COUNTERSUNK AS NEEDED
8A	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1B TO 7A AT DETAIL 3/SHT. 13 & 13A COUNTERSUNK AS NEEDED
9	FASTENERS	1/4"Ø FLAT HEAD ULTRACON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7A & 7B TO EXISTING CONCRETE, BLOCK OR WOOD STUD WALL.
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.

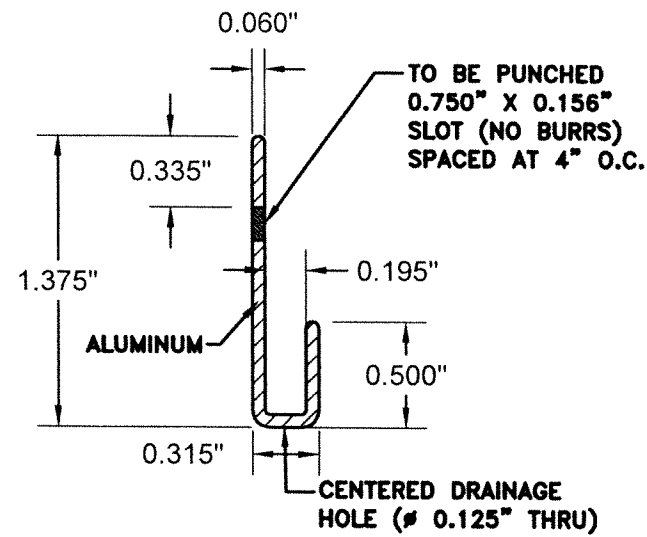


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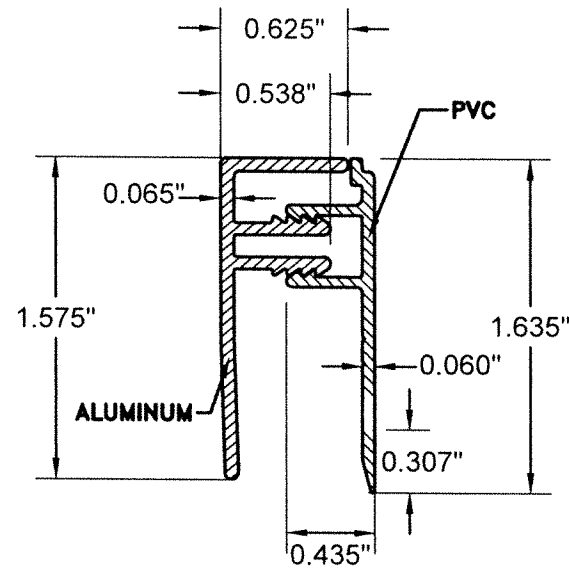
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
©2024 TILTECO, INC.		CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.	
TILTECO INC.		ChamClad by Chameleon	
TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 38th St., Suite 305, Virginia Gardens, FL 33166 Phone: (305)971-1530 Fax: (305)971-1531 CA-0006719		10235-184 ST. NW EDMONTON, AB T5S 2J4	
REV. NO.	DESCRIPTION	DATE	REV. NO.
1	OLD 22-064	03/04/24	3
2			4
WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No.	



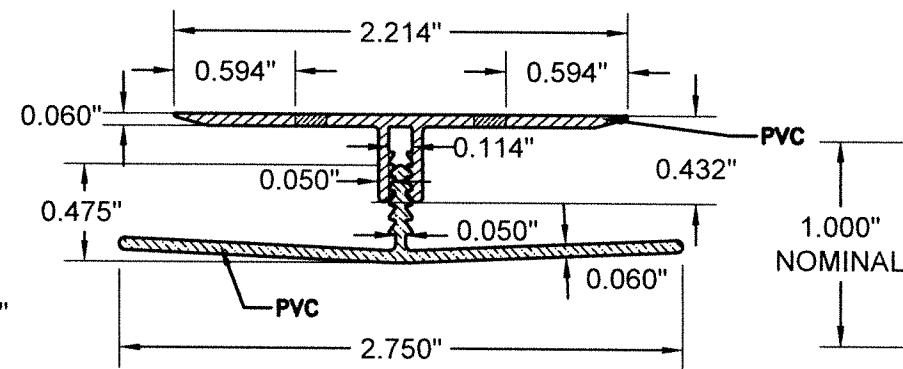
1B CWS 6" EXTERIOR 1/2" WALL PANEL W/10A OR 10B



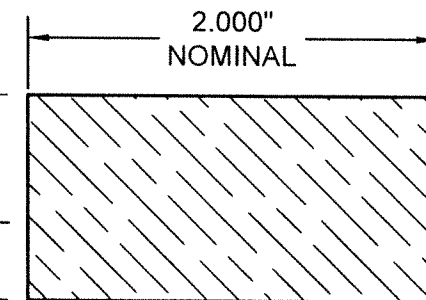
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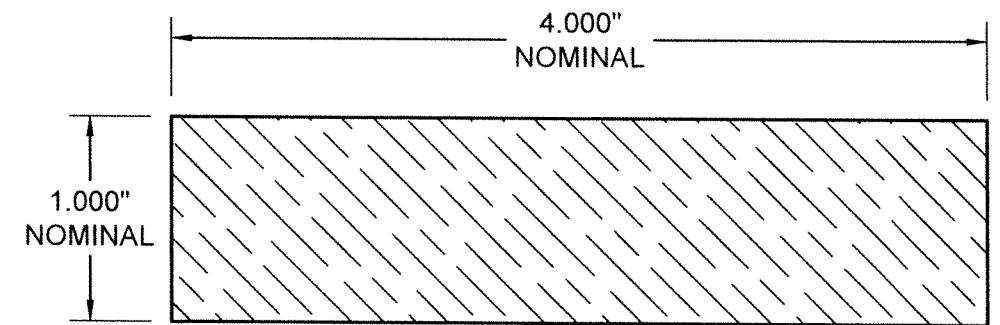
4 6" SIDING 2 PC FINISH TRIM



6 H-TRIM BASE & COVER CAP



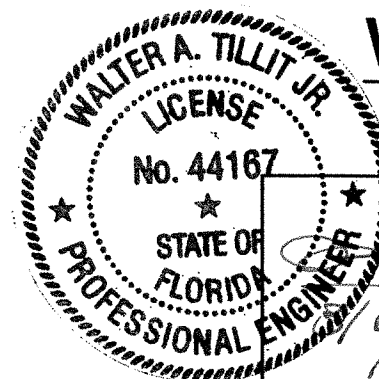
7A WOOD FURRING



7B WOOD FURRING FOR **6**

COMPONENTS WALL SYSTEM #2 W/1B

SCALE: N.T.S



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33106
Phone: (305)871-1530 Fax: (305)871-1531
CA-0006719
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FLORIDA Lic. # 44167

CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.

ChamClad
by Chameleon

10235-184 ST. NW
EDMONTON, AB T5S 2J4

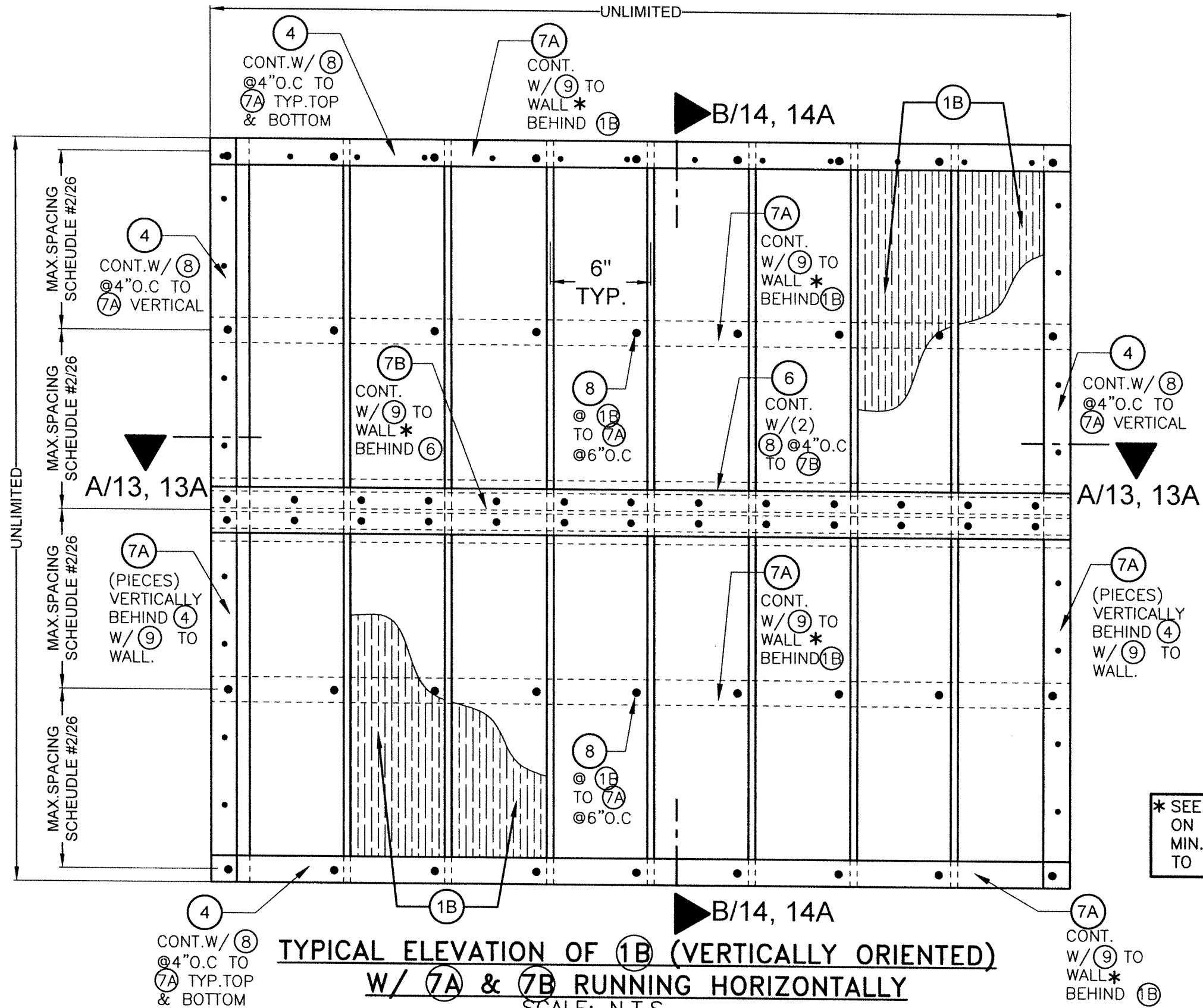
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03/04/2024
DATE:

24-024
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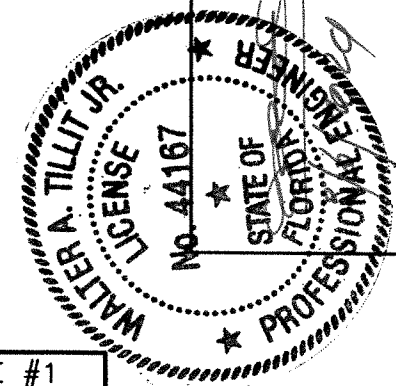
SHEET 11 OF 26

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 22-064	03/04/24	3		
2			4		



**TYPICAL ELEVATION OF 1B (VERTICALLY ORIENTED)
W/ 7A & 7B RUNNING HORIZONTALLY**
SCALE: N.T.S

**WALL SYSTEM #2: INSTALLATION INTO WOOD FRAME
OR CONCRETE/MASONRY WALLS W/ 1B**



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR
WALL PANEL SYSTEMS.

ChamClad
by Chameleon

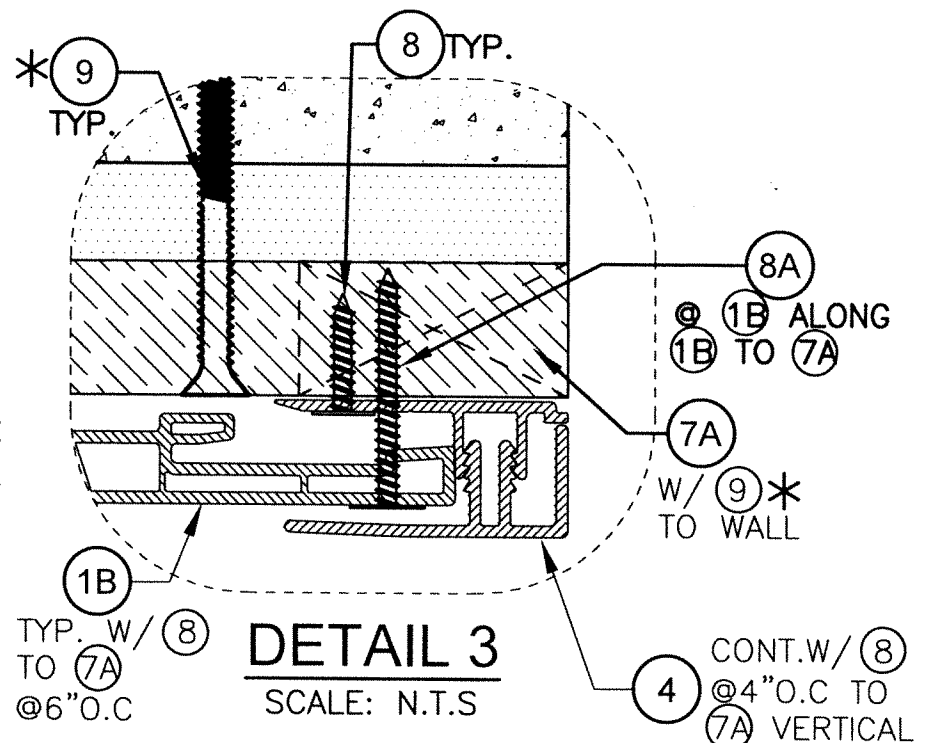
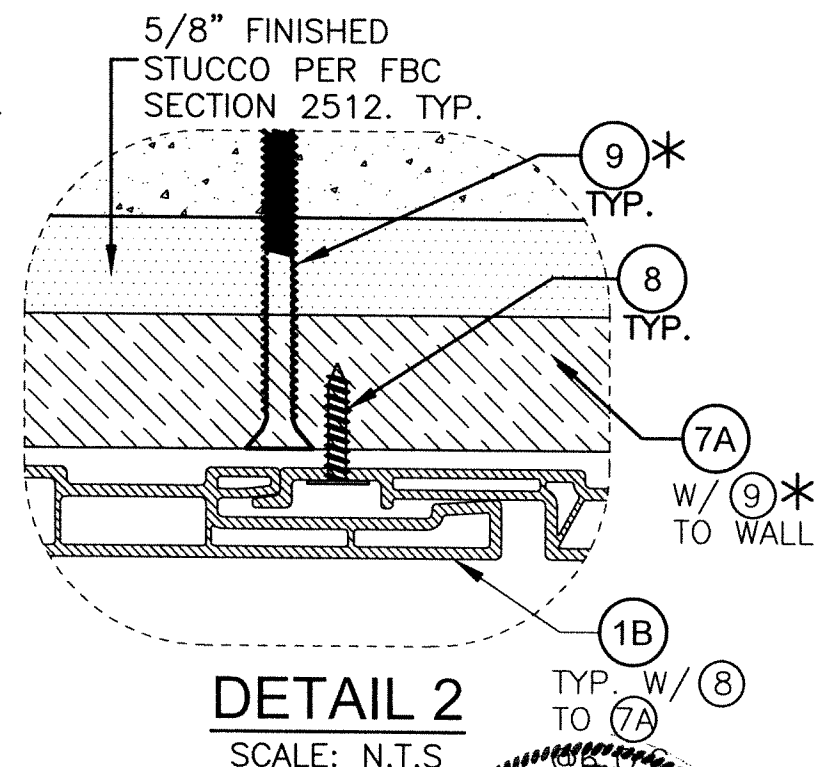
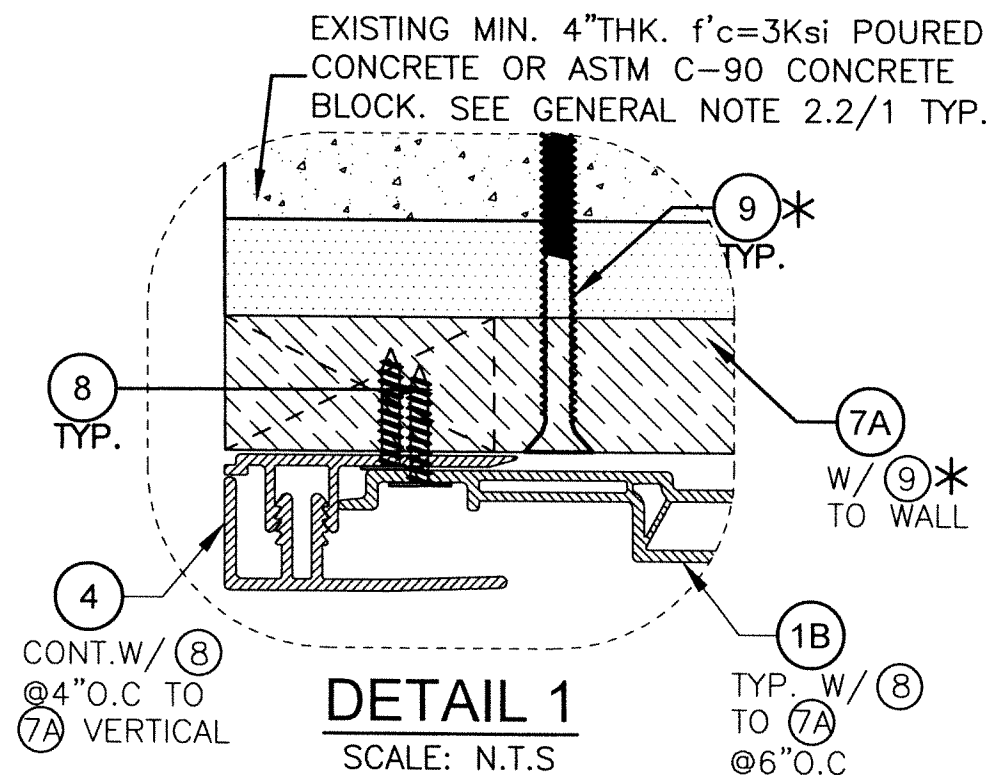
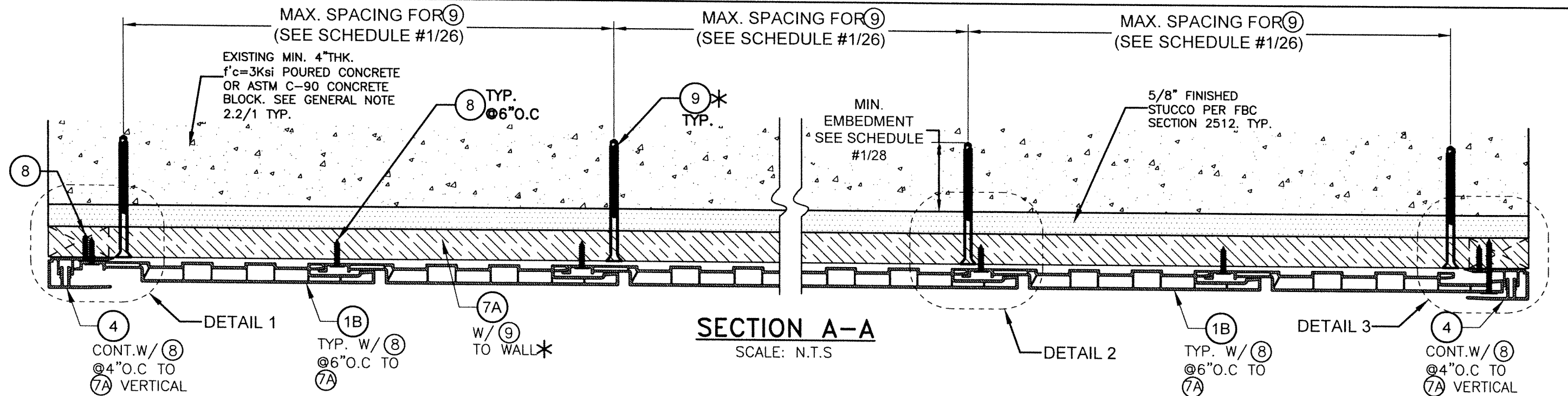
10235-184 ST. NW
EDMONTON, AB T5S 2J4

REV. NO. 1 OLD 22-084 03/24/24 2

DATE 03/04/2024
DRAWING No. 24-024
SHEET 12 OF 26

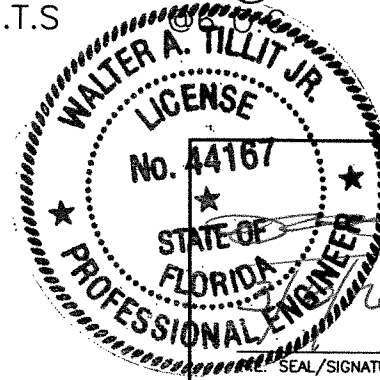
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
4355 N.W. 36th St., Ste. 205, Vero Beach, FL 33166
Phone: (888) 871-1511
Fax: (888) 871-1511
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

P.E. SEAL/SIGNATURE/DATE

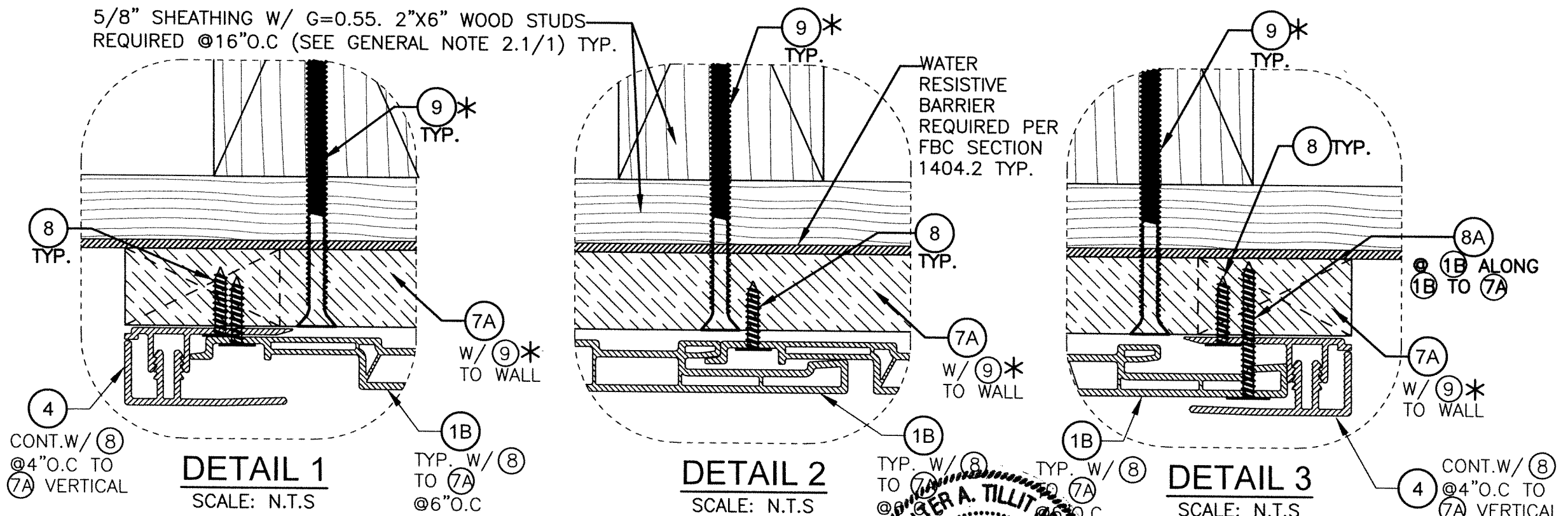
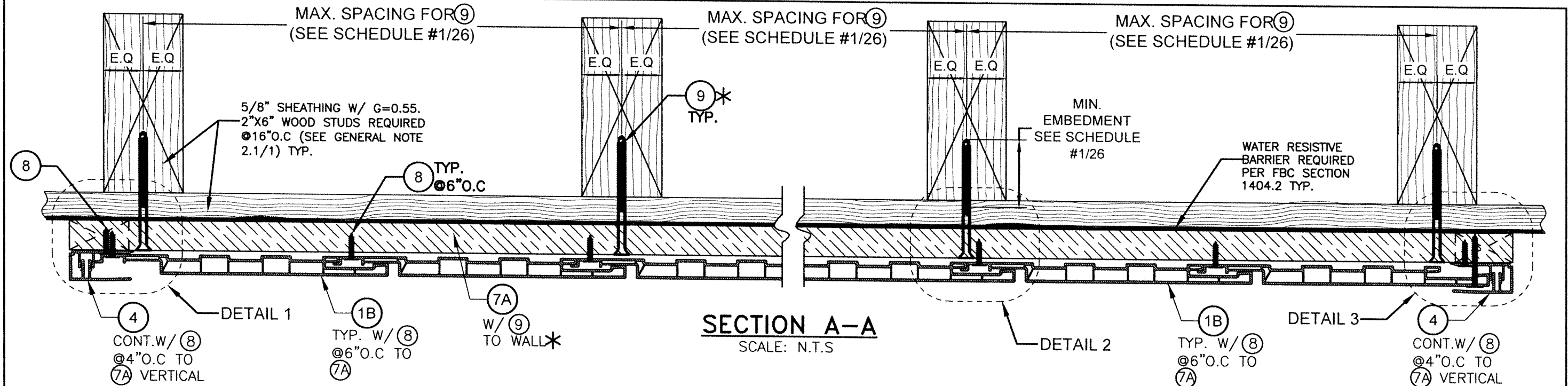


*SEE SCHEDULE #1 ON SHEET 26 FOR MIN. SPACING OF ⑨ TO WALL SUBSTRATE.

WALL SYSTEM #2: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ ①B

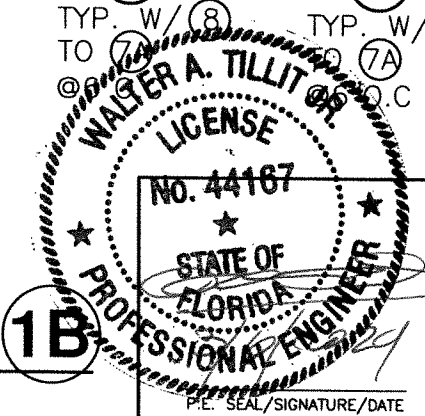


FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2024 TILTECO, INC.			CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.		W.H. DRAWN BY:
TILTECO inc.			ChamClad by Chameleon		03/04/2024 DATE:
TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33196 Phone: (305)871-1530 Fax: (305)871-1531 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167			10235-184 ST. NW EDMONTON, AB T5S 2J4		24-024 DRAWING No.
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 22-064	03/04/24	3		
2			4		
					SHEET 13 OF 26

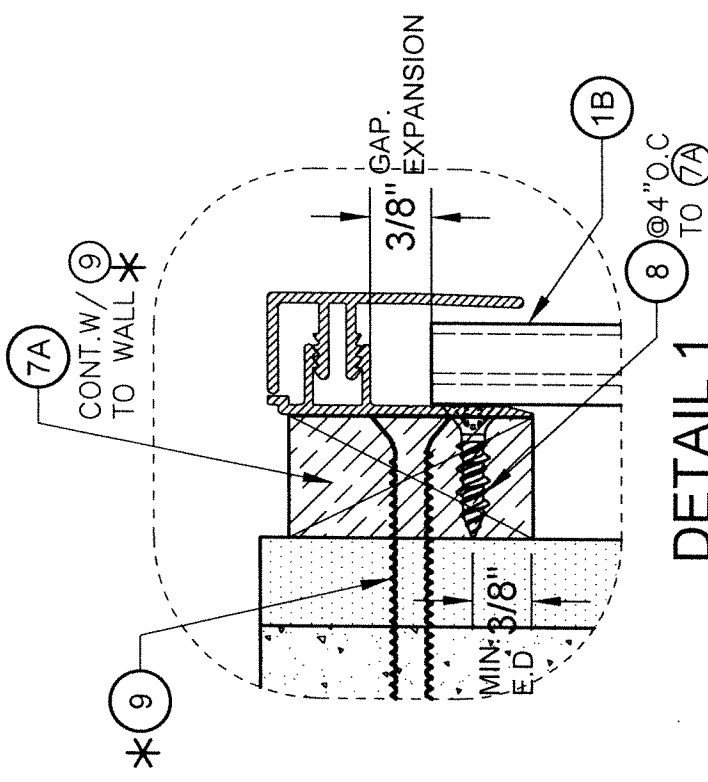
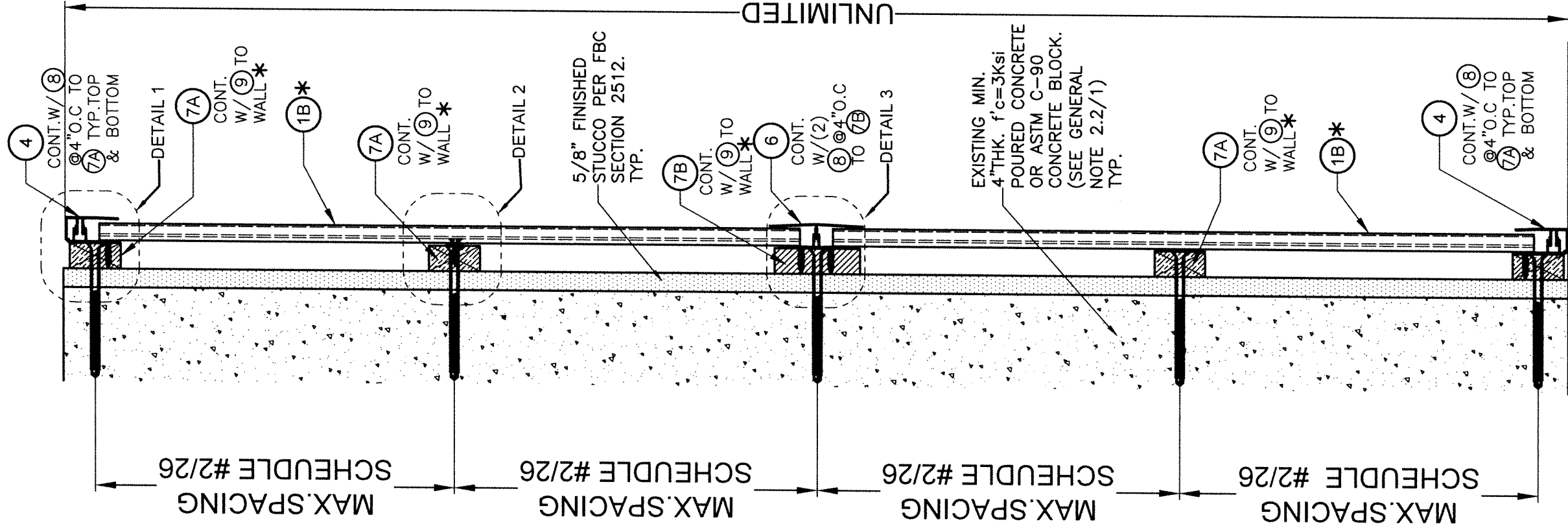


*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF (9) TO WALL SUBSTRATE.

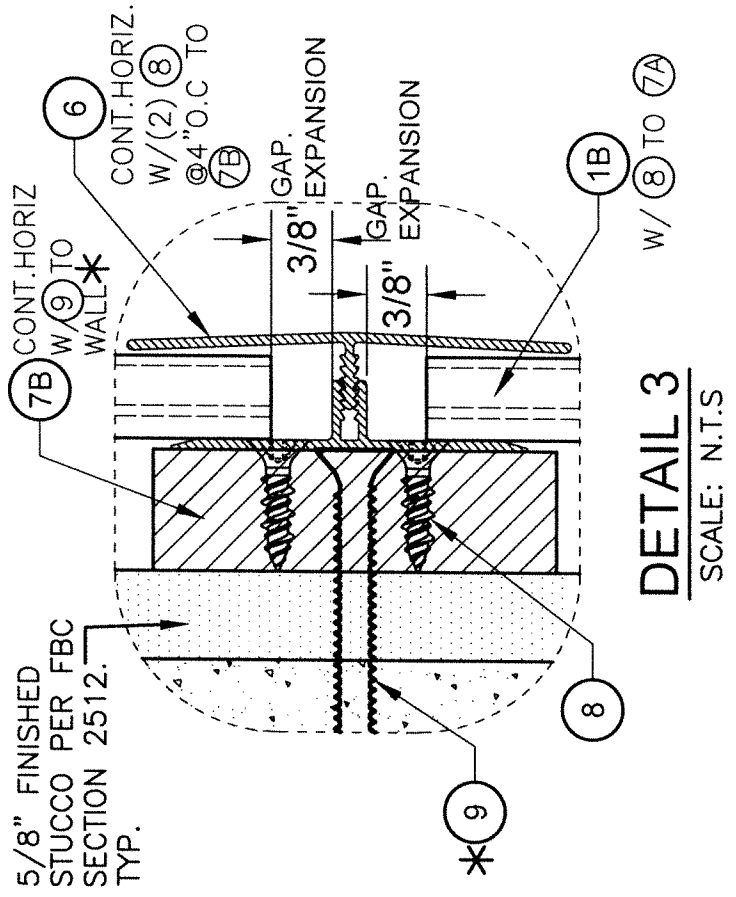
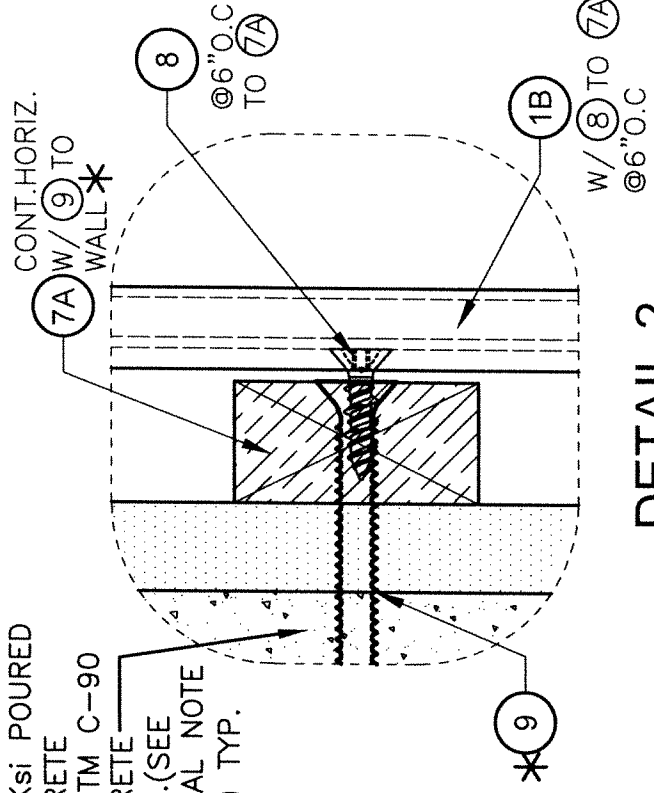
WALL SYSTEM #2: WOOD FRAME WALLS W/ 1B



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2024 TILTECO, INC.			CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.		
TILTECO INC.			ChamClad by Chameleon		
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33156 Phone: (305)871-1530 Fax: (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			10235-184 ST. NW EDMONTON, AB T5S 2J4		
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 22-064	03/04/24	3		
2			4		
SHEET 13A OF 26					



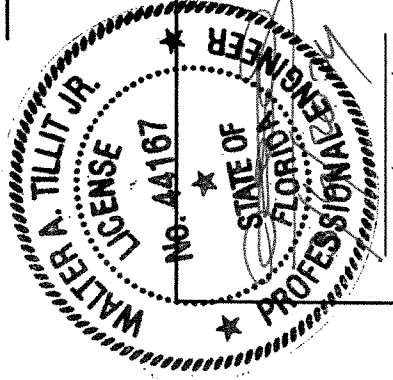
EXISTING MIN.
4" THK.
f'c=3Ksi POURED
CONCRETE
OR ASTM C-90
CONCRETE (SEE
BLOCK. (SEE
GENERAL NOTE
2.2/1) TYP.



SECTION B-B:
SCALE: N.T.S.

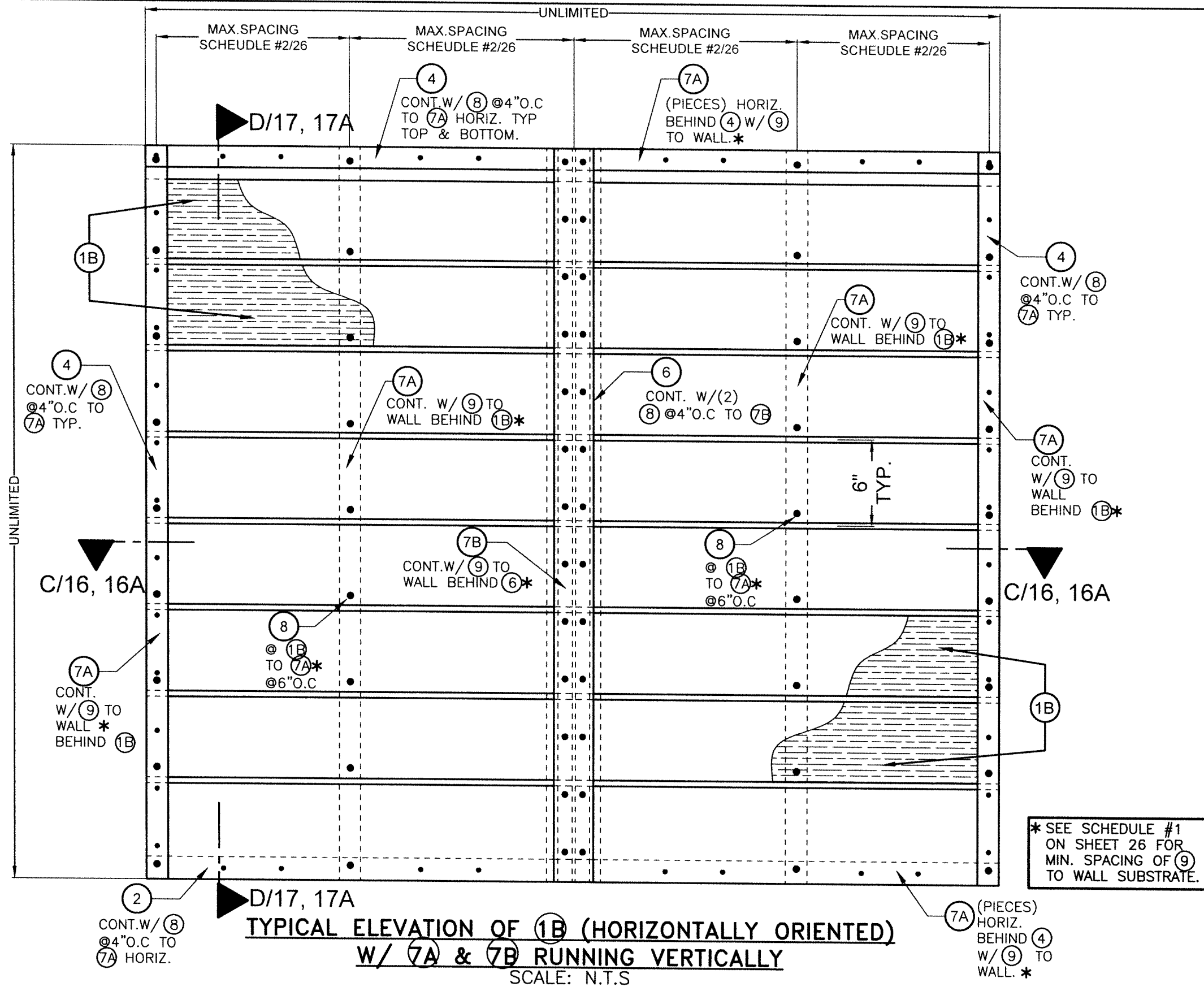
WALL SYSTEM #2:
POURED CONCRETE OR CONCRETE
BLOCK WALL SUBSTRATE W/ (1B)

* SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF (9)
TO WALL SUBSTRATE.



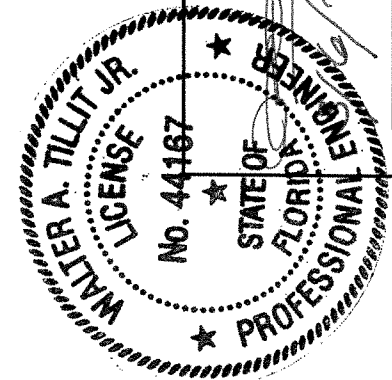
TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
4355 N.W. 34th St., Ste. 205, VERO BEACH, FL 33464
Phone: (888) 441-1531 FAX: (888) 441-1531
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)		CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.	
©2024 TILTECO, INC.		ChamClad by Chameleon	
10235-184 ST. NW EDMONTON, AB T5S 2J4		DATE: 03/04/2024	
WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		DRAWING No. 24-024	
P.E. SEAL/SIGNATURE/DATE		SHEET 14 OF 26	



TYPICAL ELEVATION OF 1B (HORIZONTALLY ORIENTED)
W/ 7A & 7B RUNNING VERTICALLY
 SCALE: N.T.S
WALL SYSTEM #2: INSTALLATION INTO WOOD FRAME
OR CONCRETE/MASONRY WALLS W/ 1B

* SEE SCHEDULE #1
 ON SHEET 26 FOR
 MIN. SPACING OF 9
 TO WALL SUBSTRATE.



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.

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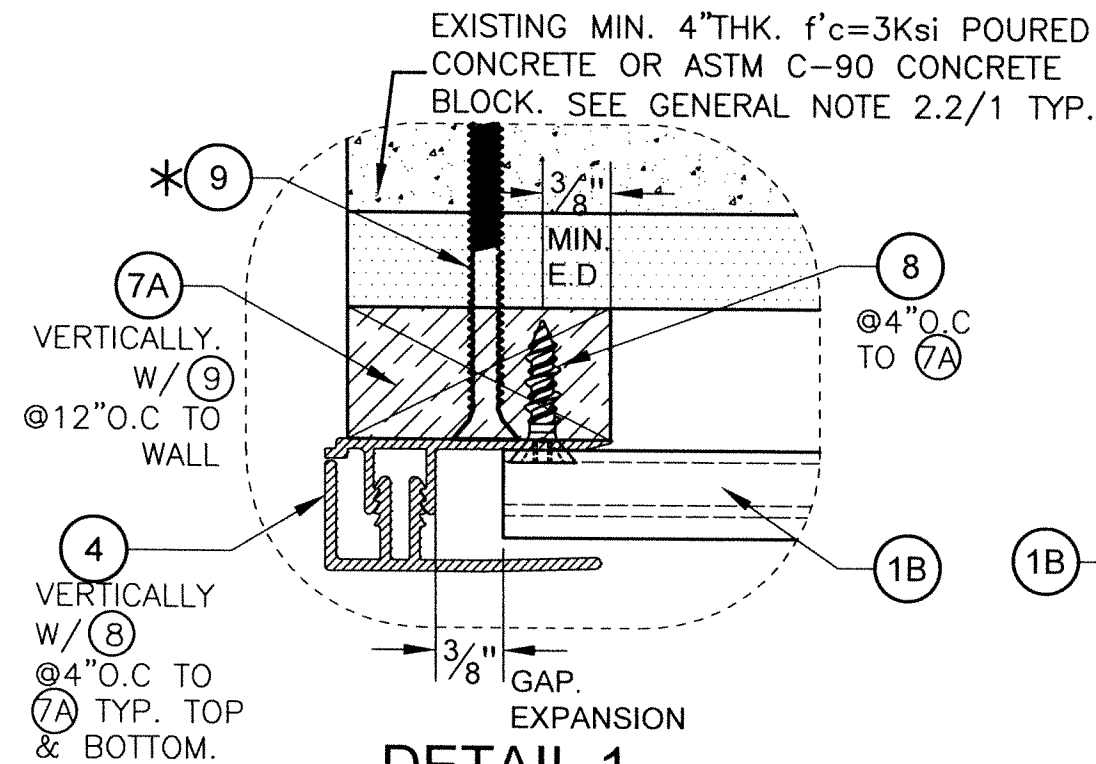
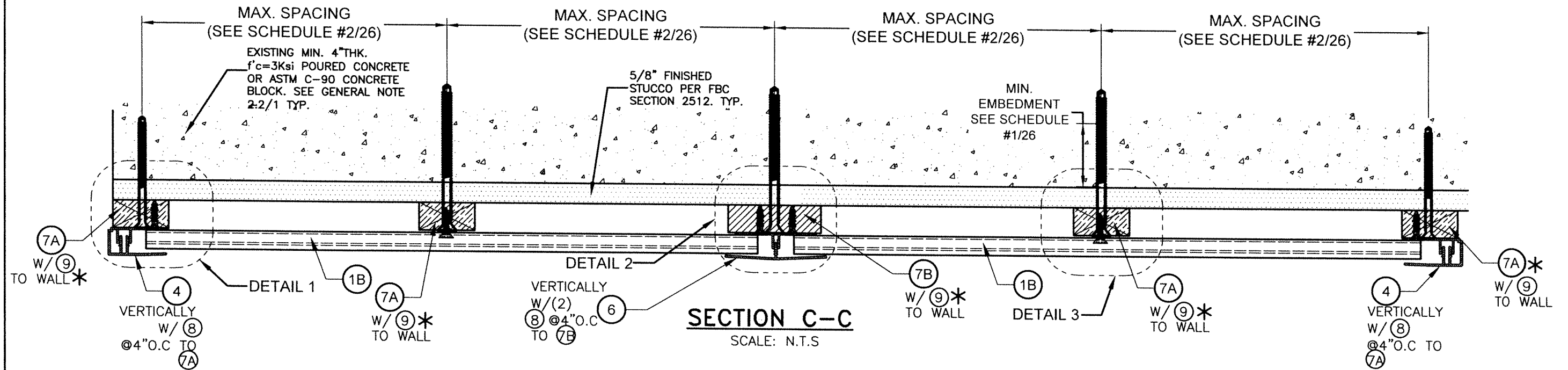
10235-184 ST. NW
 EDMONTON, AB T5S 2J4
 CANADA
 TEL: (403) 467-1531
 FAX: (403) 467-1531
 WWW.CHAMCLAD.COM

TILECO INC.
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 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., 3rd Floor, Suite 300, Fort Lauderdale, FL 33309
 Phone: (954) 366-1111, Fax: (954) 366-1112, Email: info@tillit.com
 WALTER A. TILLIT JR., P.E.
 FLORIDA Lic. # 44167

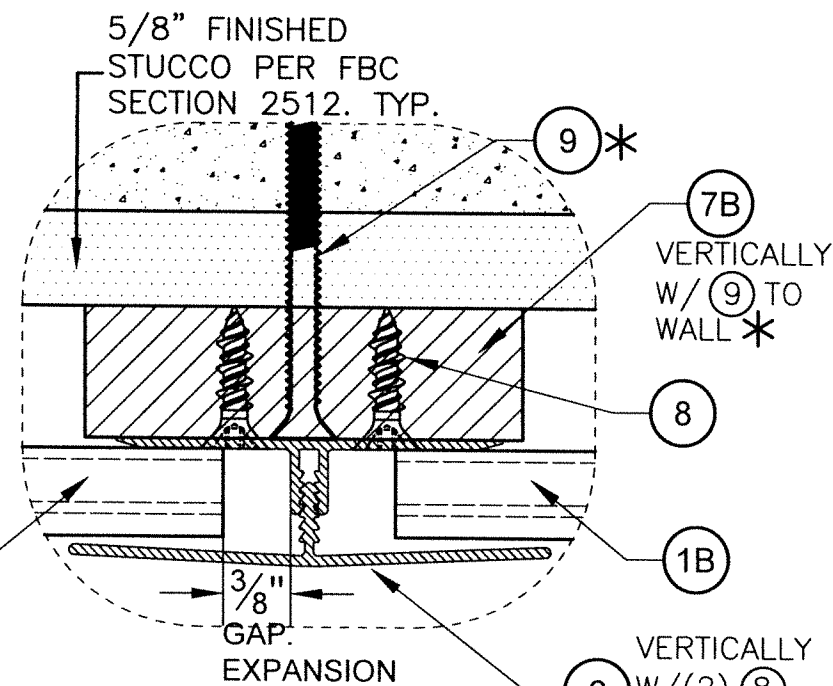
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REV.	NO.	DESCRIPTION	DATE	BY	CHK.
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2					

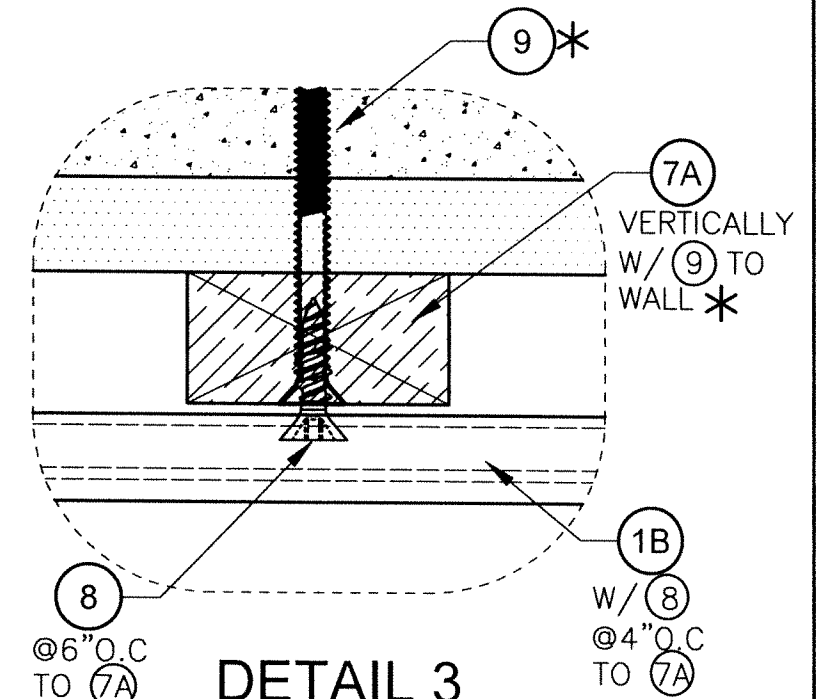
P.E. SEAL/SIGNATURE/DATE



DETAIL 1
SCALE: N.T.S



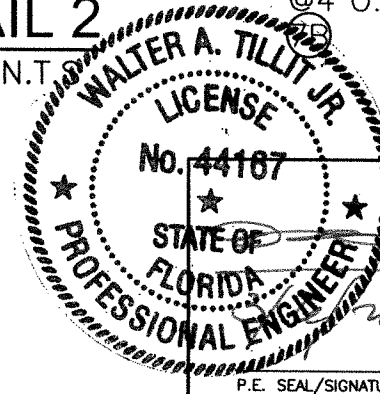
DETAIL 2
SCALE: N.T.



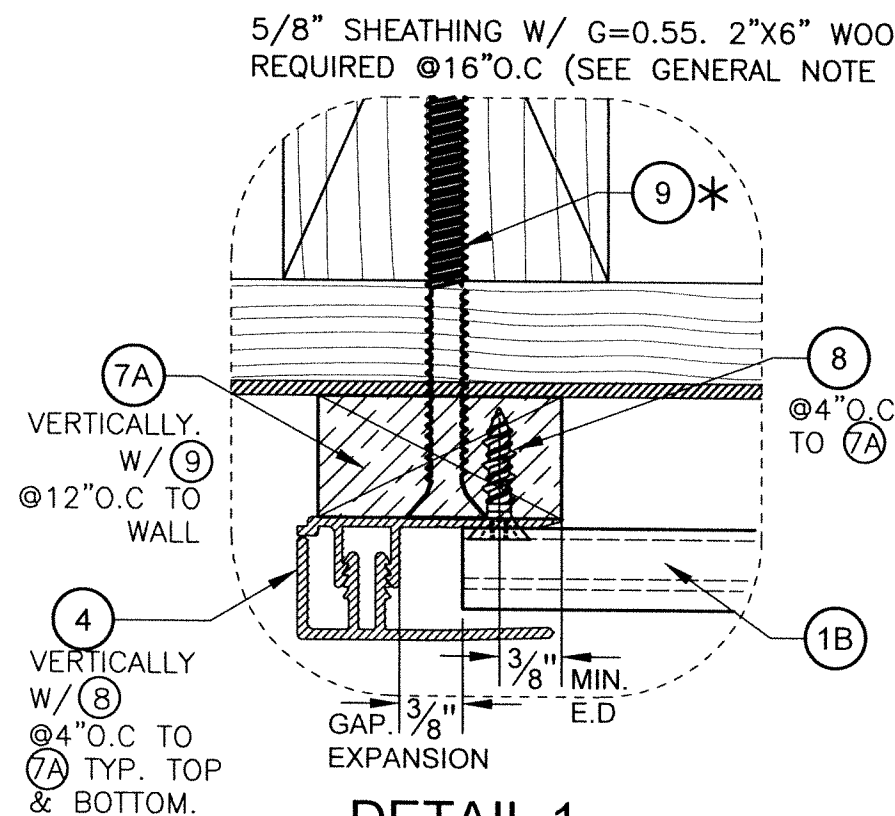
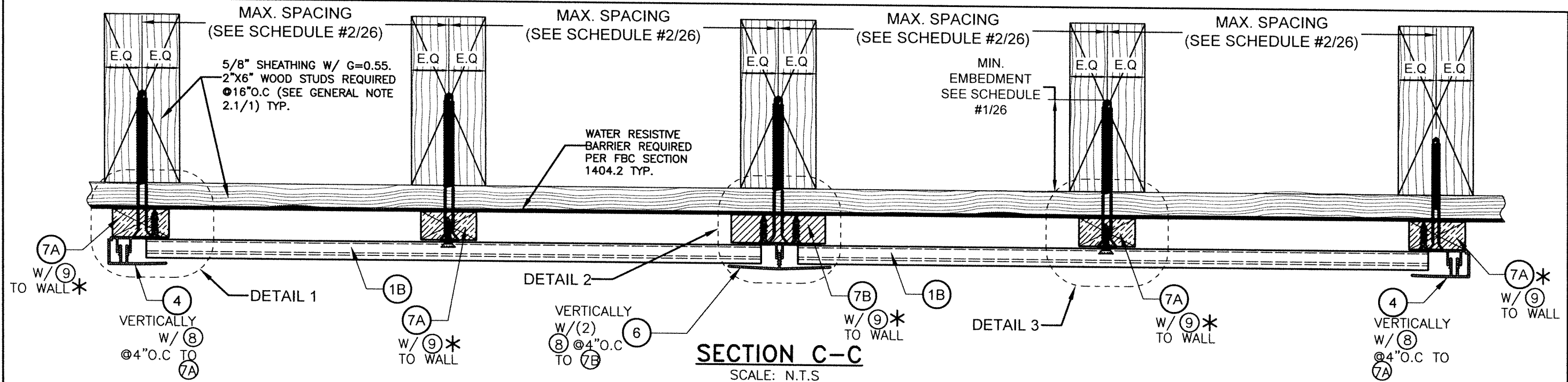
DETAIL 3
SCALE: N.T.S

*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF 9 TO WALL SUBSTRATE.

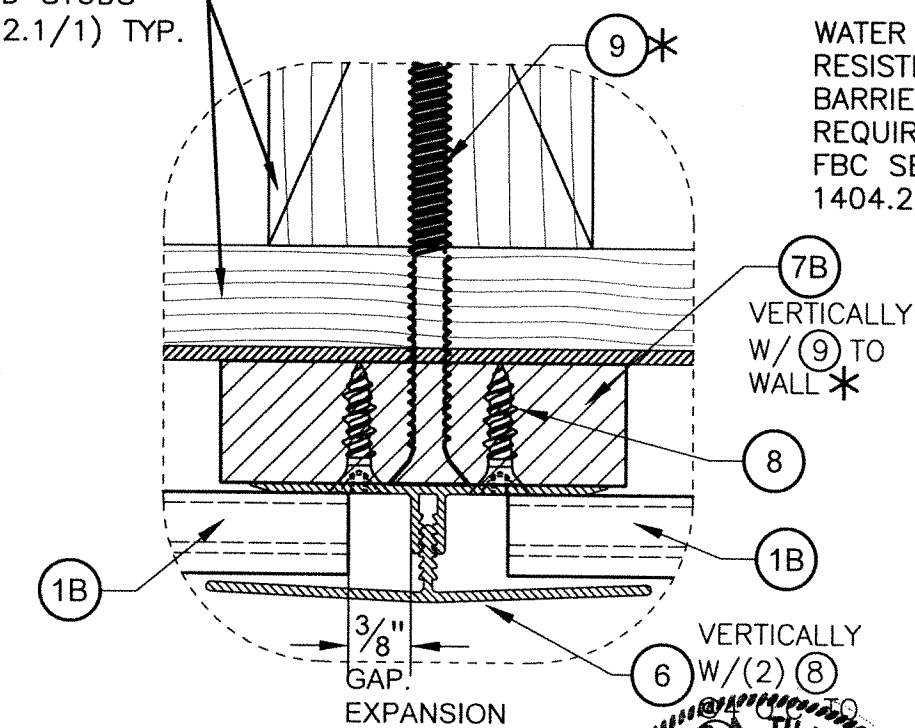
WALL SYSTEM #2: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ 1B



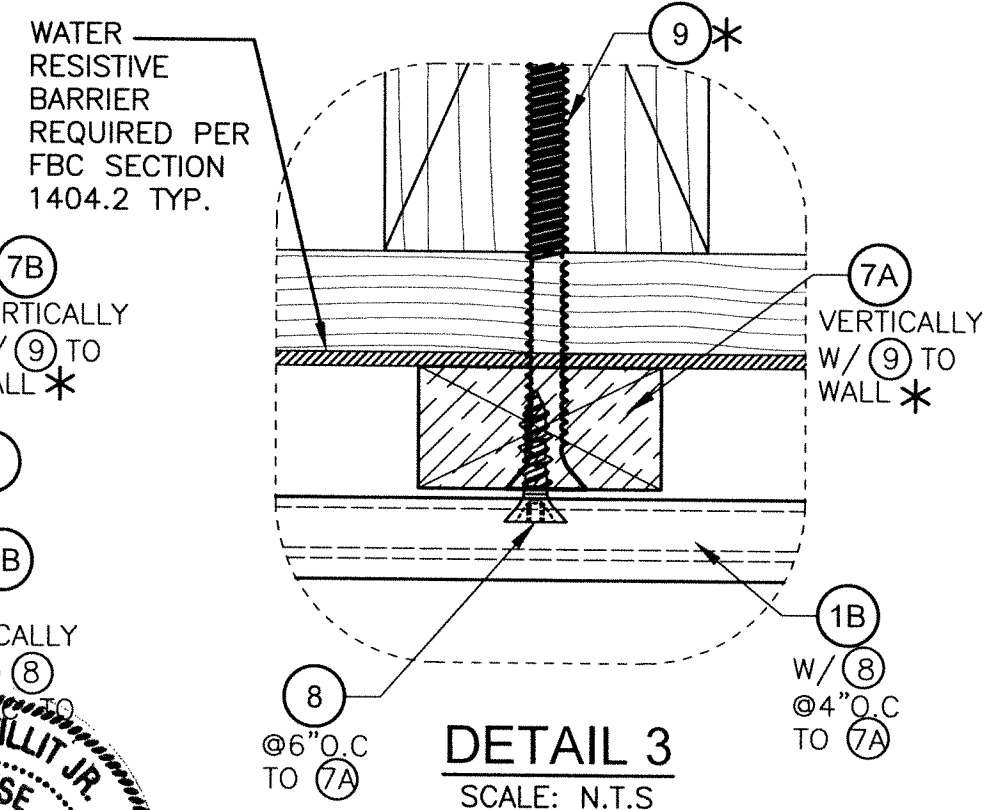
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2024 TILTECO, INC.				W.H. DRAWN BY:	
TILTECO INC.				03/04/2024	
TILLIT TESTING & ENGINEERING COMPANY				DATE:	
8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166				24-024	
Phone: (305)871-1530 Fax: (305)871-1531				DRAWING No.	
CA-0008719				SHEET 16 OF 26	
WALTER A. TILLIT JR. P.E.					
FLORIDA Lic. # 44167					
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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2			4		



DETAIL 1
SCALE: N.T.S.



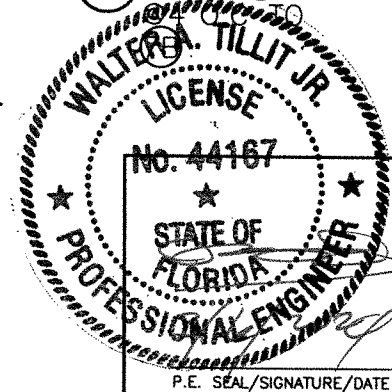
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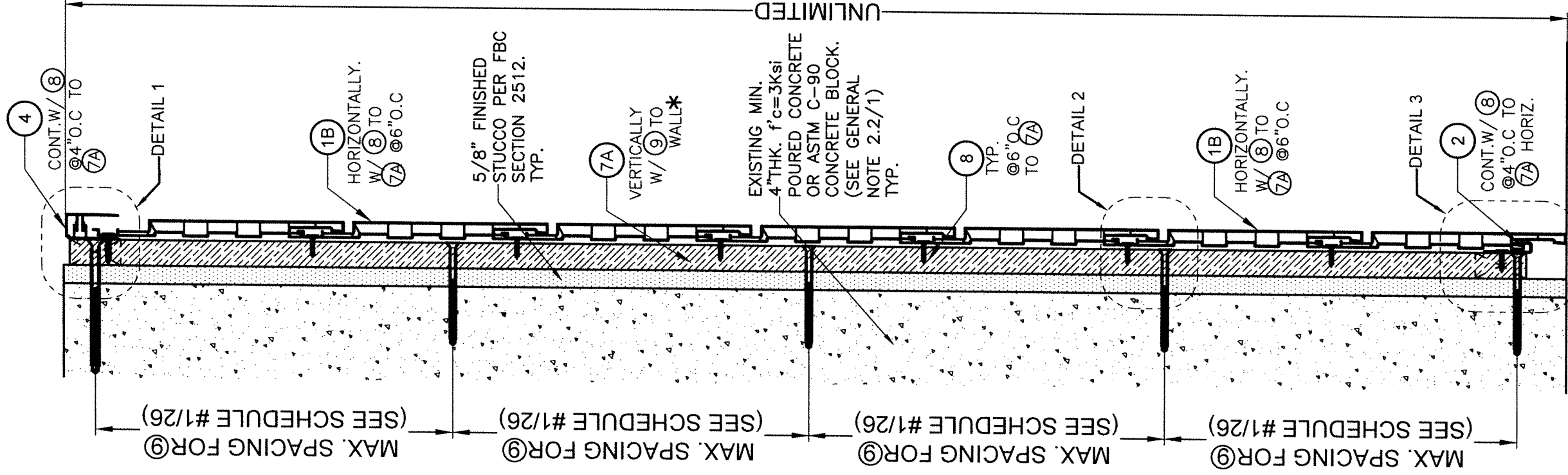
DETAIL 3
SCALE: N.T.S.

*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF ⑨ TO WALL SUBSTRATE.

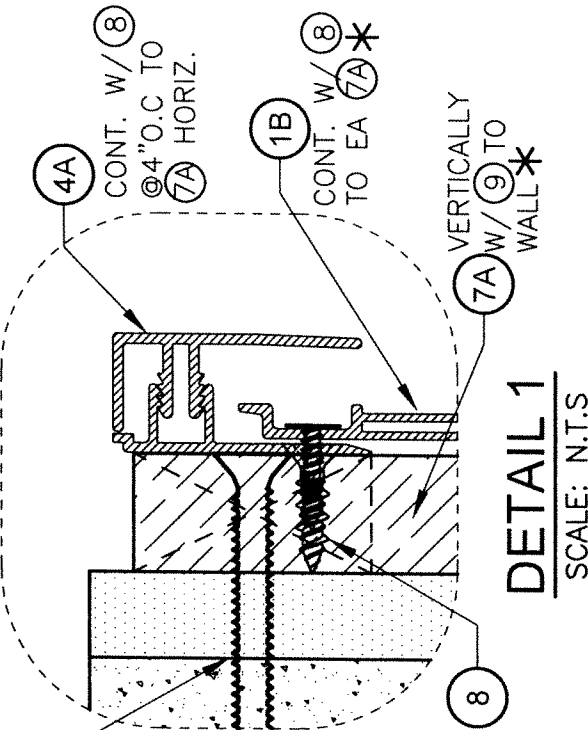
WALL SYSTEM #2: WOOD FRAME WALLS W/ ①B



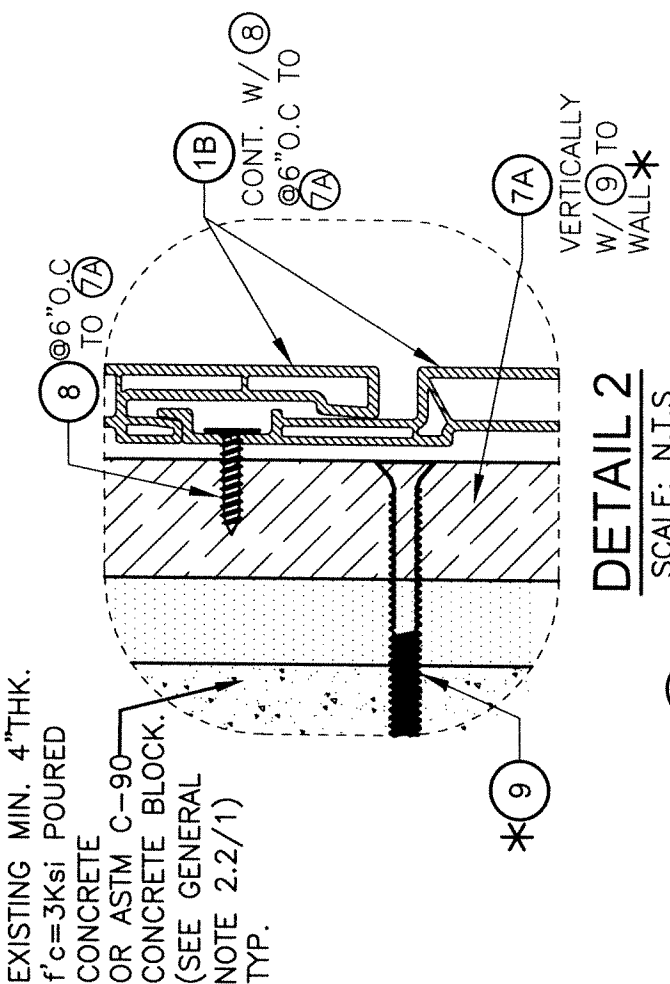
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2024 TILTECO, INC.			CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.		
TILTECO inc. TILIT TESTING & ENGINEERING COMPANY 8350 N.W. 36th St., Ste. 305, VICTORIA GARDENS, FL 33166 Phone: (305)671-1530 Fax: (305)671-1531 CA-0006719 WALTER A. TILT Jr. P.E. FLORIDA Lic. # 44167			ChamClad by Chameleon 10235-184 ST. NW EDMONTON, AB T5S 2J4		
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2			4		
			W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 16A OF 26		



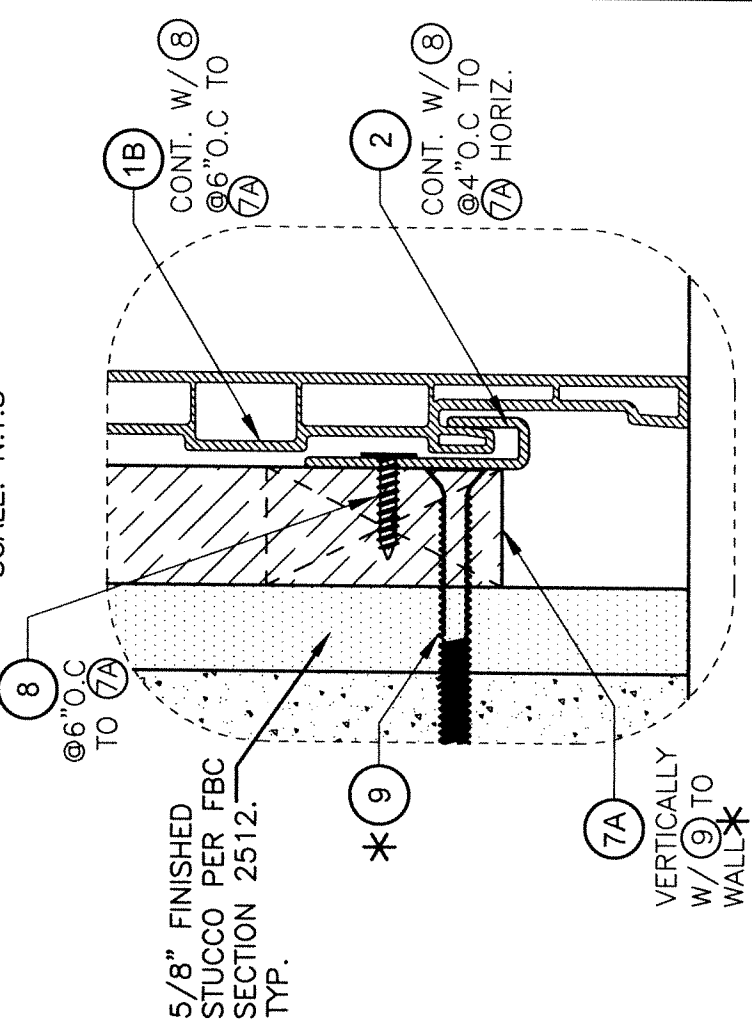
SECTION D-D:
SCALE: N.T.S



DETAIL 1
SCALE: N.T.S



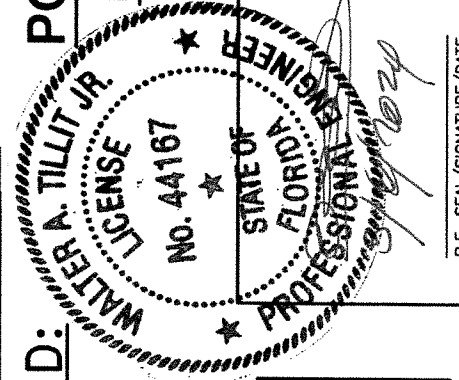
DETAIL 2
SCALE: N.T.S



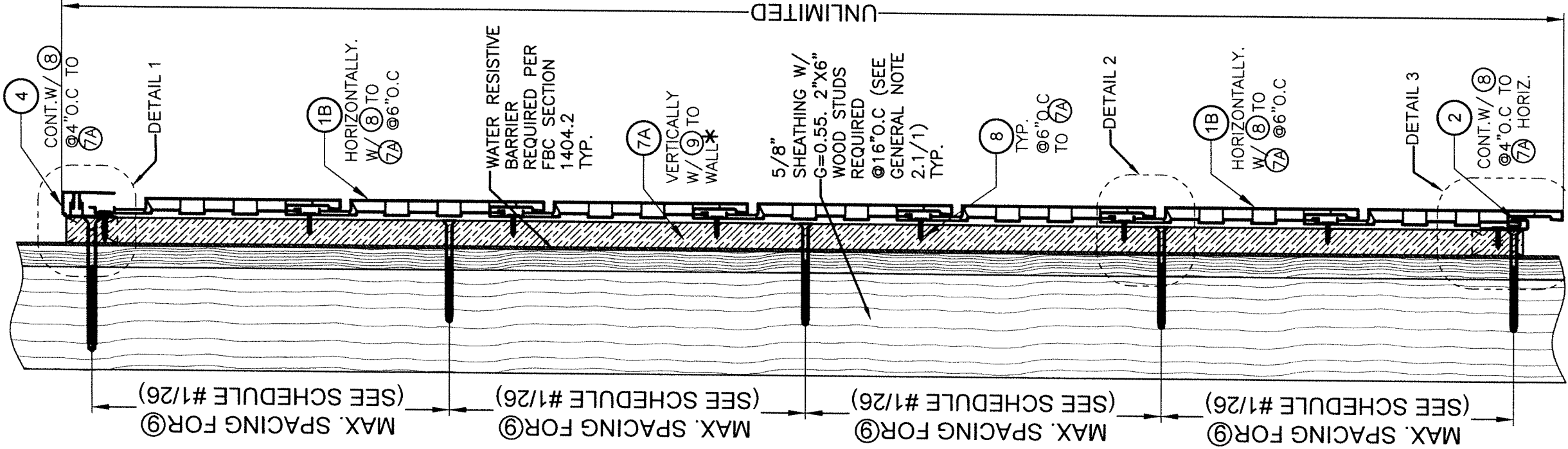
DETAIL 3
SCALE: N.T.S

WALL SYSTEM #2
POURED CONCRETE OR CONCRETE
BLOCK WALL SUBSTRATE W/ 1B

* SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF 9
TO WALL SUBSTRATE.



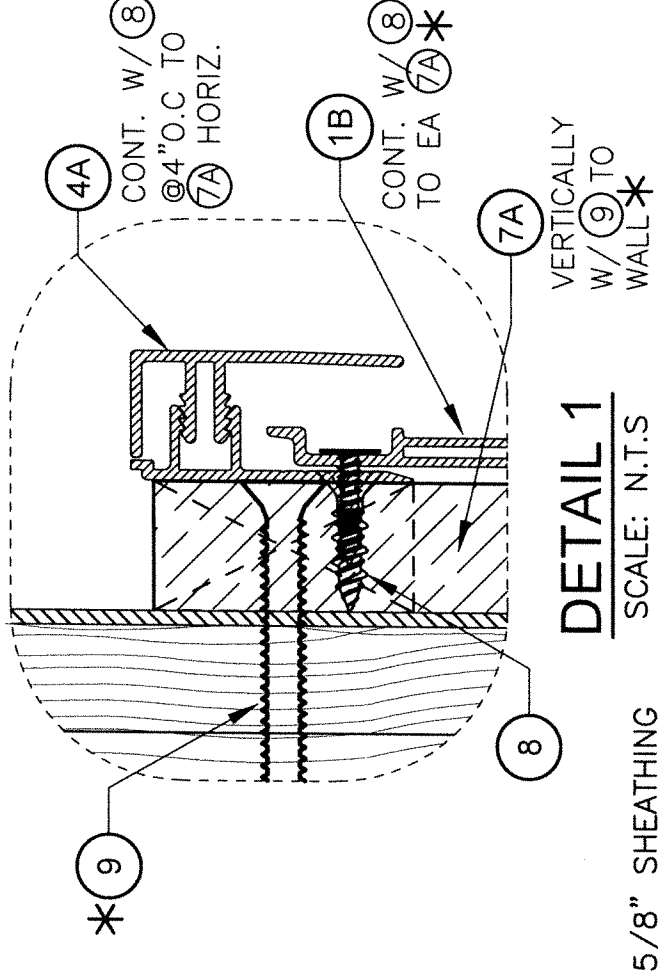
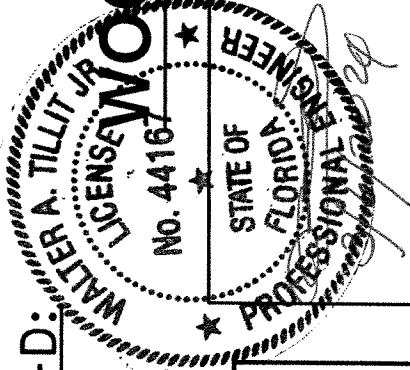
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)	
CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.	
TILECO inc.	
TILLIT TESTING & ENGINEERING COMPANY 4335 N.W. 34th St., Ste. 205, VERO BEACH, FL 33166 Phone: (888) 771-1500 Fax: (888) 771-1531	
©2024 TILECO, INC.	
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WALTER A. TILLIT JR., P.E.	
P.E. SEAL/SIGNATURE/DATE	
DRAWN BY: W.H.	
DATE: 03/04/2024	
24-024	
DRAWING No.	
SHEET 17 OF 26	



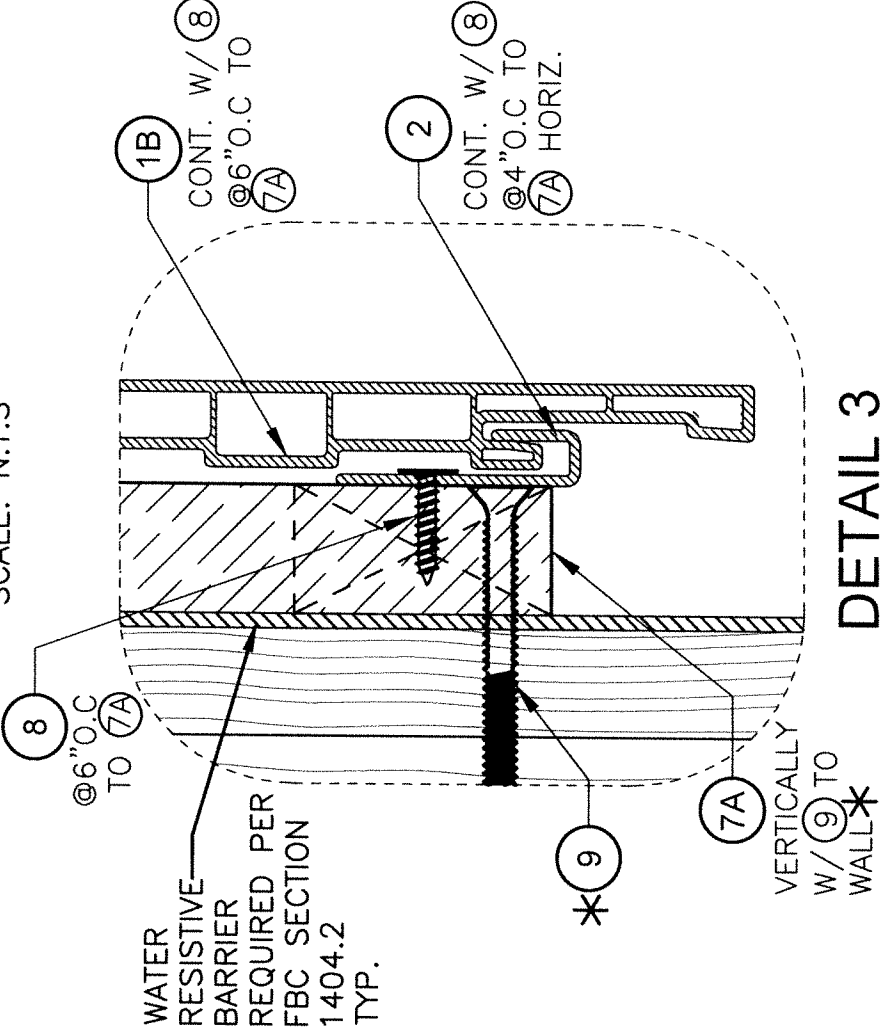
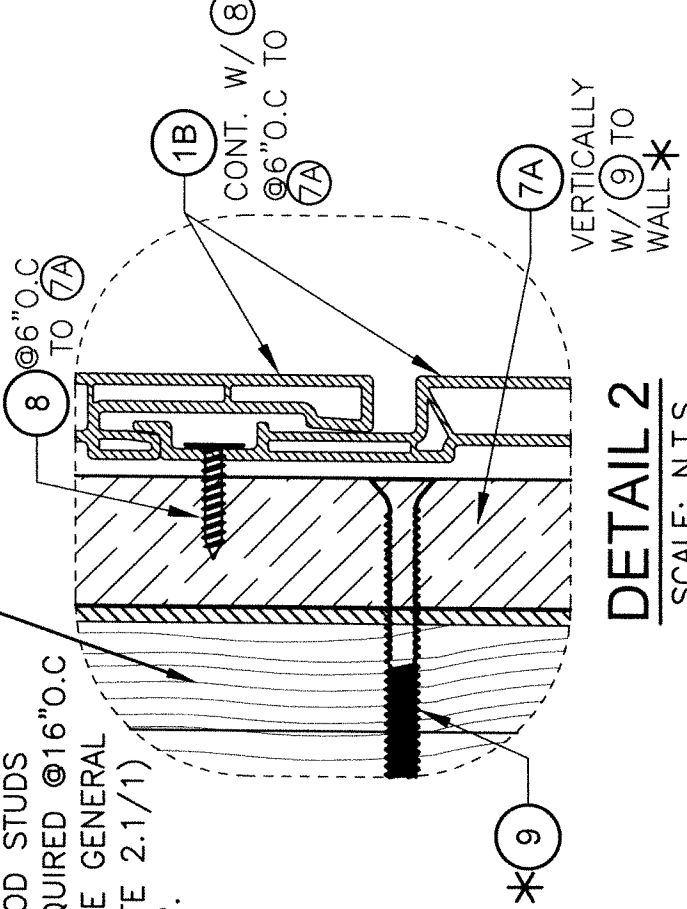
SECTION D-D:
SCALE: N.T.S.

* SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF 9
TO WALL SUBSTRATE.

WALL SYSTEM #2: WOOD FRAME WALLS W/ 1B



5/8" SHEATHING
W/G=0.55. 2"x6"
WOOD STUDS
REQUIRED @16"O.C
(SEE GENERAL
NOTE 2.1/1)
TYP.

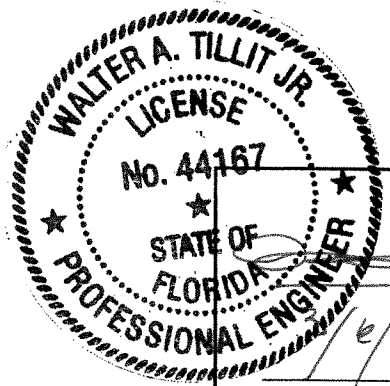


WATER
RESISTIVE
BARRIER
REQUIRED PER
FBC SECTION
1404.2
TYP.

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
TILECO inc.		ChamClad by Chameleon	
TILIT TESTING & ENGINEERING COMPANY 4355 N.W. 34th St., Ste. 100, Virginia Gardens, Ft. Lauderdale, FL 33314 Phone: (305) 941-1531 Fax: (305) 941-1531		10235-184 ST. NW EDMONTON, AB T5S 2J4	
REV. NO.	DESCRIPTION	DATE	REV. NO.
1	OLD 22-084	03/04/2024	3
2			4
WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167		DATE: 03/04/2024 DRAWN BY: W.A. 24-024 DRAWING NO.	
SHEET 17A OF 26			

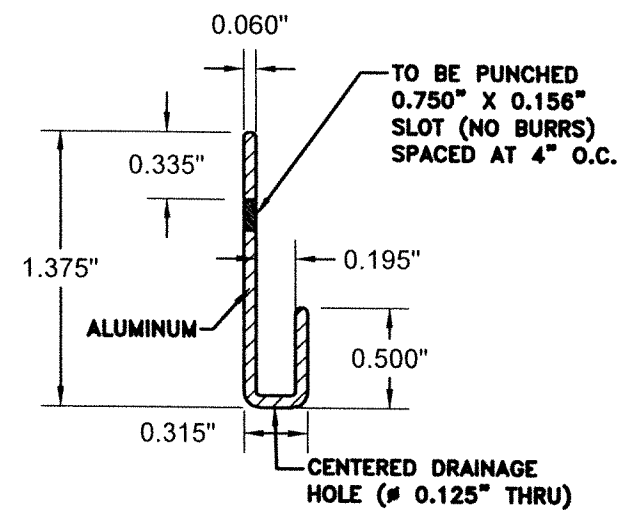
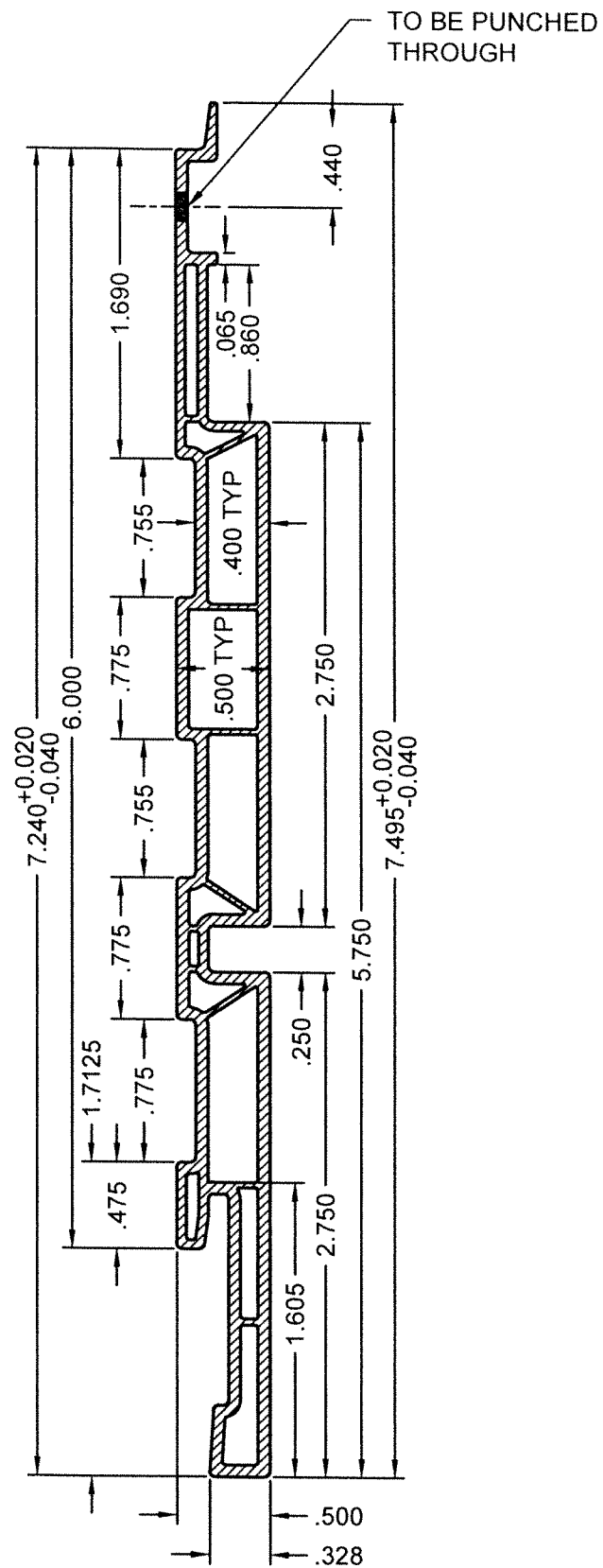
BILL OF MATERIALS
WALL SYSTEM #3 W/WALL PANEL 1C

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1C	CWS 6" EXTERIOR 1/2" WALL PANEL	SEE COMPONENT DETAIL	COMPOSITE 100% RECYCLE PVC by ChamClad Chameleon	ChamClad by Chameleon	CLADDING PLANK
2	EXTERIOR STARTER STRIP	SEE COMPONENT DETAIL	6063-T5 ALUMINUM ALLOY	ChamClad by Chameleon	ACCESSORY TO FIX 1C TO 7A AT BOTTOM EDGE OF HORIZONTAL 1C W/ 8
4	6" SIDING 2 PC FINISH TRIM	SEE COMPONENT DETAIL	6063-T5 ALUMINUM (COVER) REGRIND RECYCLED PVC (BASE)	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PARALLEL OR PERPENDICULAR TO 1C AT END CONNECTED TO 7A W/ 8 (SEE ELEVATION).
6	H-TRIM BASE & COVER CAP	SEE COMPONENT DETAIL	REGRIND RECYCLED PVC BASE + COVER	ChamClad by Chameleon	ACCESSORY TRIM ORIENTED PERPENDICULAR TO 1C AT END CONNECTED TO 7B W/ 8
7A	WOOD FURRING	1" X 2" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1C FIXED TO EXISTING STRUCTURE W/ 9
7B	WOOD FURRING FOR 6	1" X 4" (NOMINAL)	SOUTHERN YELLOW PINE#2 P.T. WOOD	-	SUPPORT FOR 1C FIXED TO EXIST. STRUCTURE W/ 9
8	FLAT HEAD TEK SCREW	#8 X 3/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1C OR ACCESSORIES TO 7A & 7B COUNTERSUNK AS NEEDED
8A	FLAT HEAD TEK SCREW	#8 X 1 1/4"	AISI 304 STAINLESS STEEL	ITW/BUILDEX	USE TO CONNECT 1C TO 7A AT DETAIL 3/SHT.21 & 21A COUNTERSUNK AS NEEDED
9	FASTENERS	1/4"Ø FLAT HEAD ULTRA CON SS4	AISI 410 STAINLESS STEEL	DEWALT.	USE TO CONNECT 7A & 7B TO EXISTING CONCRETE, BLOCK OR WOOD STUD WALL.
10A	EXTERIOR PROTECTIVE FILM RENOLITE EXOFOL FX.	TOTAL THICKNESS=0.17-0.18mm	MULTILAYER FILM.TENSILE STRESS @ BREAK=15 MPa	RENOLIT	UV RESISTANT.
10B	EXTERIOR PROTECTIVE FILM COOL COLORS PLUS.	TOTAL THICKNESS=0.215mm	ACRYLIC FILM. TENSILE STRENGTH=20MPa.	CONTINENTAL	UV RESISTANT.

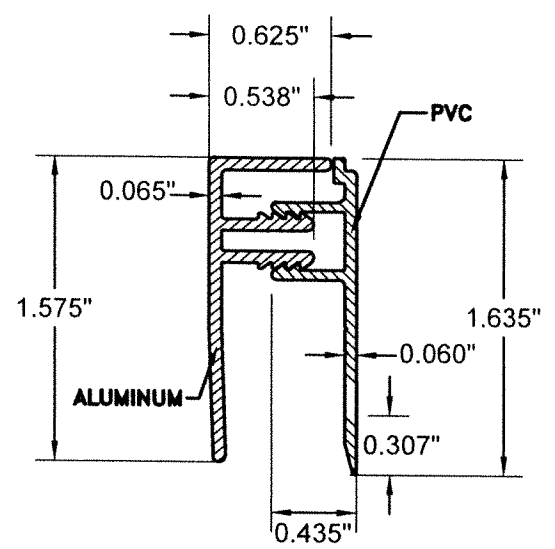


P.E. SEAL/SIGNATURE/DATE

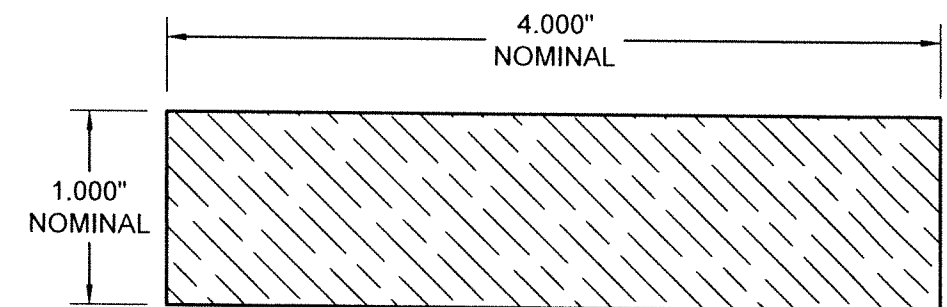
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)											
©2024 TILTECO, INC.  TILIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 : Fax : (305)871-1531 CA-0006719 WALTER A. TILIT Jr. P.E. FLORIDA Lic. # 44187					CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.					W.H. DRAWN BY:	
					ChamClad by Chameleon 10235-184 ST. NW EDMONTON, AB T5S 2J4					03/04/2024 DATE:	
										24-024	
										DRAWING No.	
										SHEET 18 OF 26	
REV. NO		DESCRIPTION		DATE		REV. NO		DESCRIPTION		DATE	
1		OLD 22-064		03/04/24		3					
2						4					



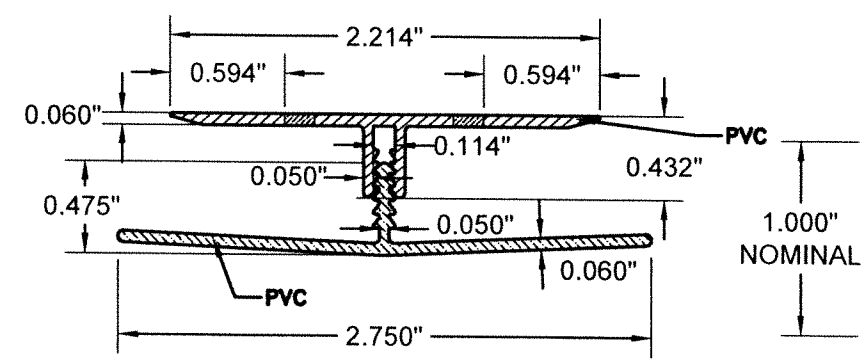
② EXTERIOR STARTER STRIP



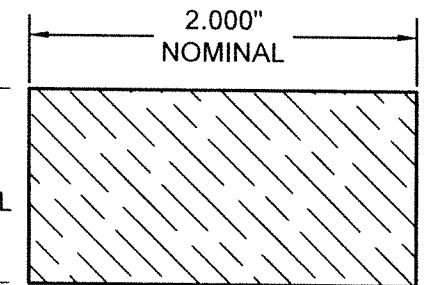
④ 6" SIDING 2 PC FINISH TRIM



⑦B WOOD FURRING FOR ⑥



⑥ H-TRIM BASE & COVER CAP

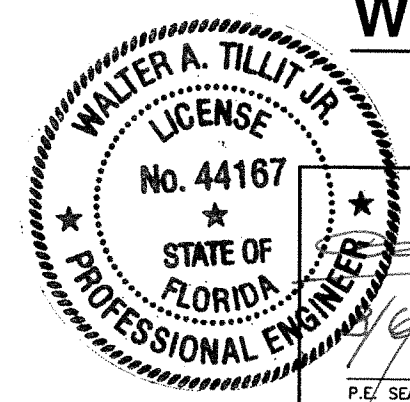


⑦A WOOD FURRING

COMPONENTS WALL SYSTEM #3 W/ 1C

SCALE: N.T.S

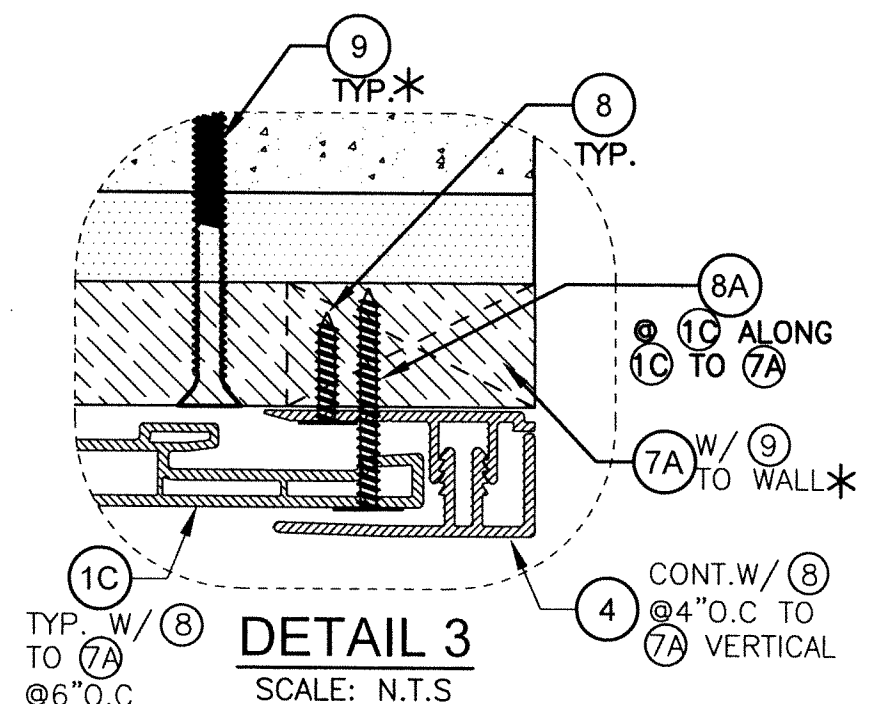
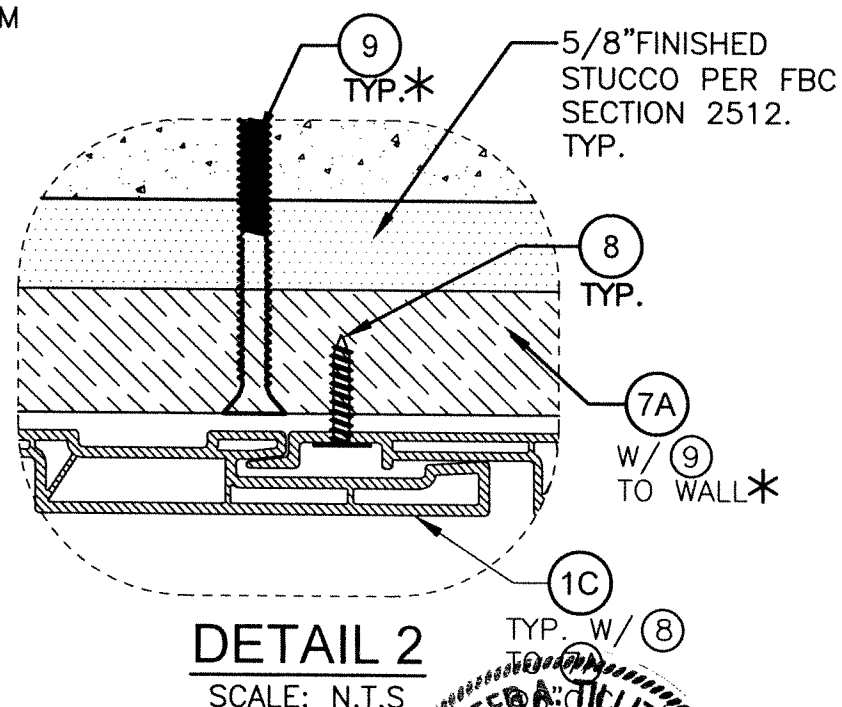
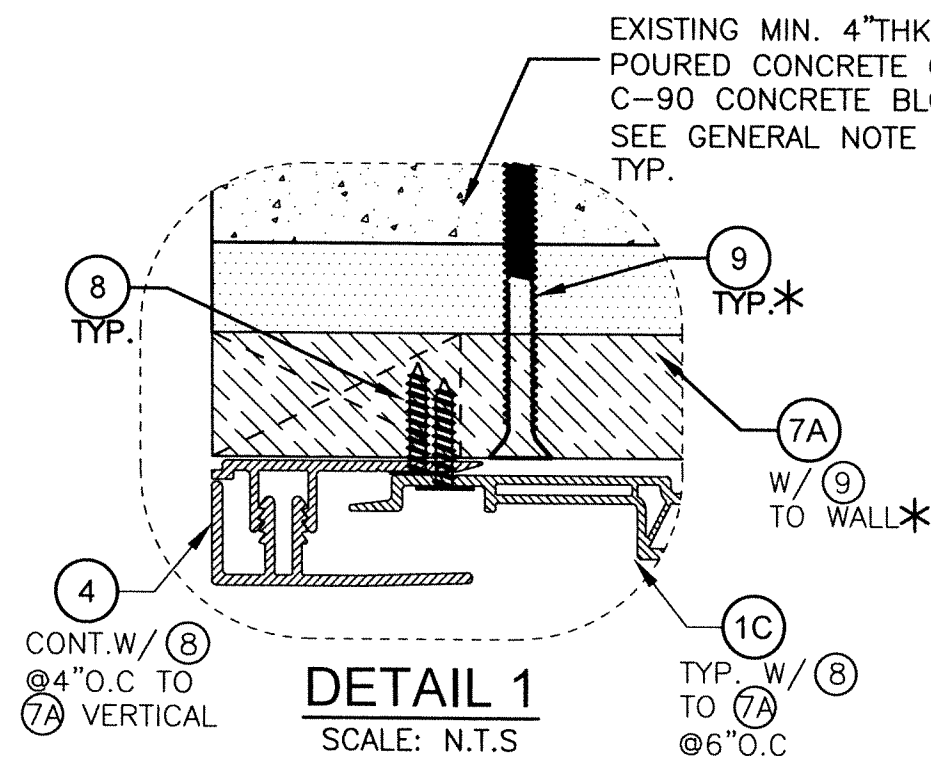
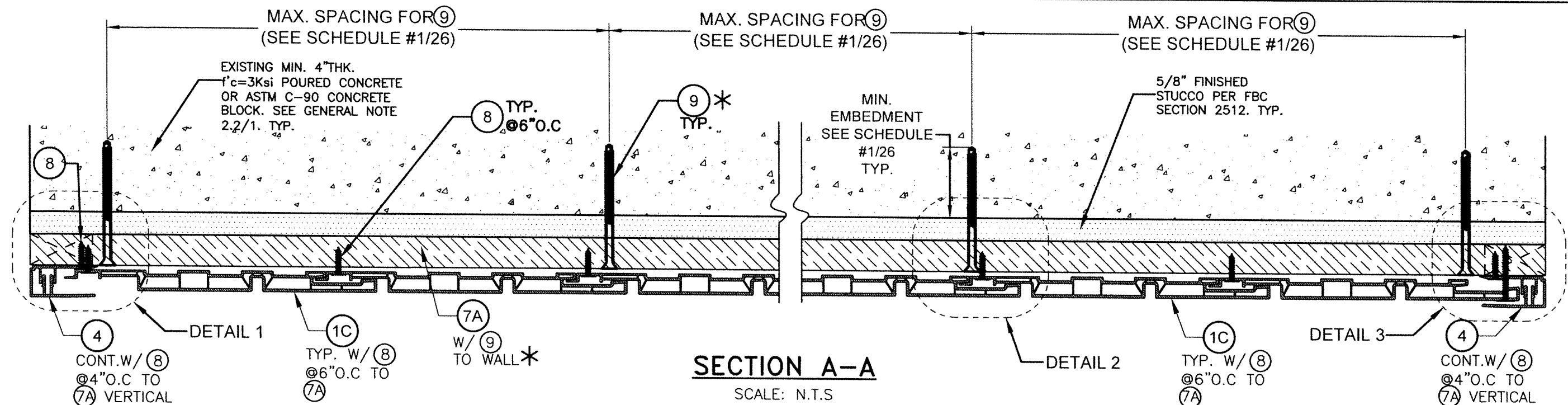
①C CWS 6" EXTERIOR 1/2" WALL PANEL W/ ⑩A OR ⑩B



P.E. SEAL/SIGNATURE/DATE

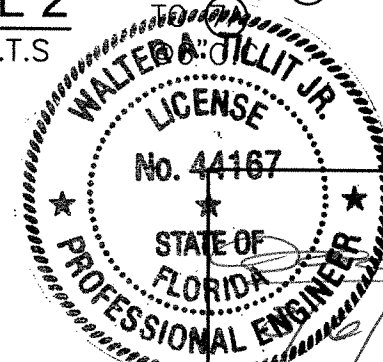
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2024 TILTECO, INC.			CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.		
TILTECO INC.			ChamClad by Chameleon		
TILLIT TESTING & ENGINEERING COMPANY			10235-184 ST. NW		
6355 N.W. 34th St., Ste. 302, VIRGINIA GARDENS, FL 33166			EDMONTON, AB T5S 2J4		
Phone: (305) 671-1530 Fax: (305) 671-1531			REV. NO. DESCRIPTION DATE		
CA-0006719			1	OLD 22-064	03/04/24
WALTER A. TILLIT Jr. P.E.			2		
FLORIDA Lic. # 44167			3		
			4		

W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 19 OF 26



*SEE SCHEDULE #1 ON
SHEET 26 FOR MIN. SPACING
OF (9) TO WALL SUBSTRATE.

WALL SYSTEM #3: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ (1C)



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 302, VIRGINIA GARDENS, FL 33166
Phone: (305) 671-1330 Fax: (305) 671-1331
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

CWS 6" DECORATIVE EXTERIOR
WALL PANEL SYSTEMS.

ChamClad
by Chameleon

10235-184 ST. NW
EDMONTON, AB T5S 2J4

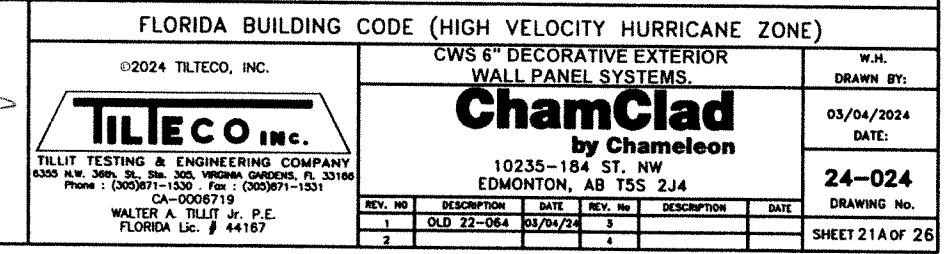
W.H.
DRAWN BY:

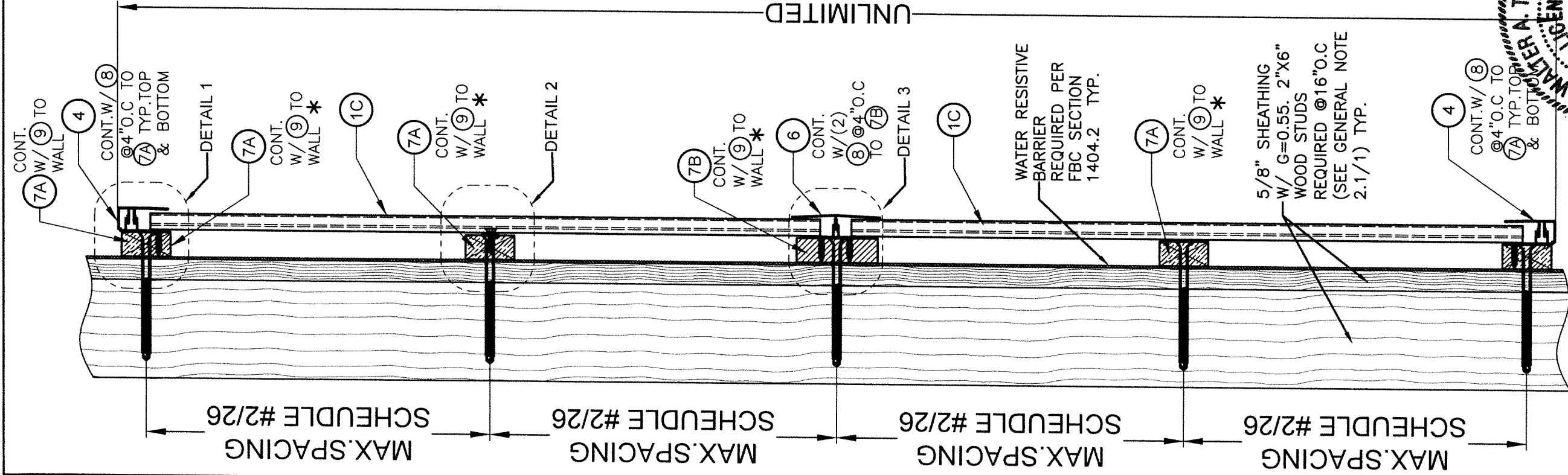
03/04/2024
DATE:

24-024
DRAWING No.

SHEET 21 OF 26

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2			4		

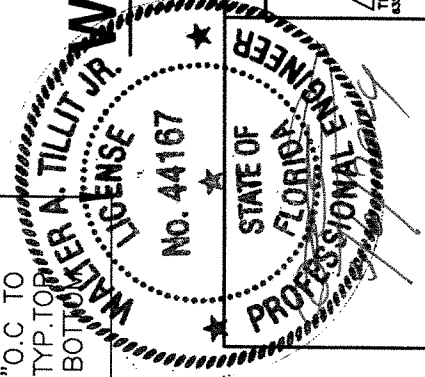




SECTION B-B:

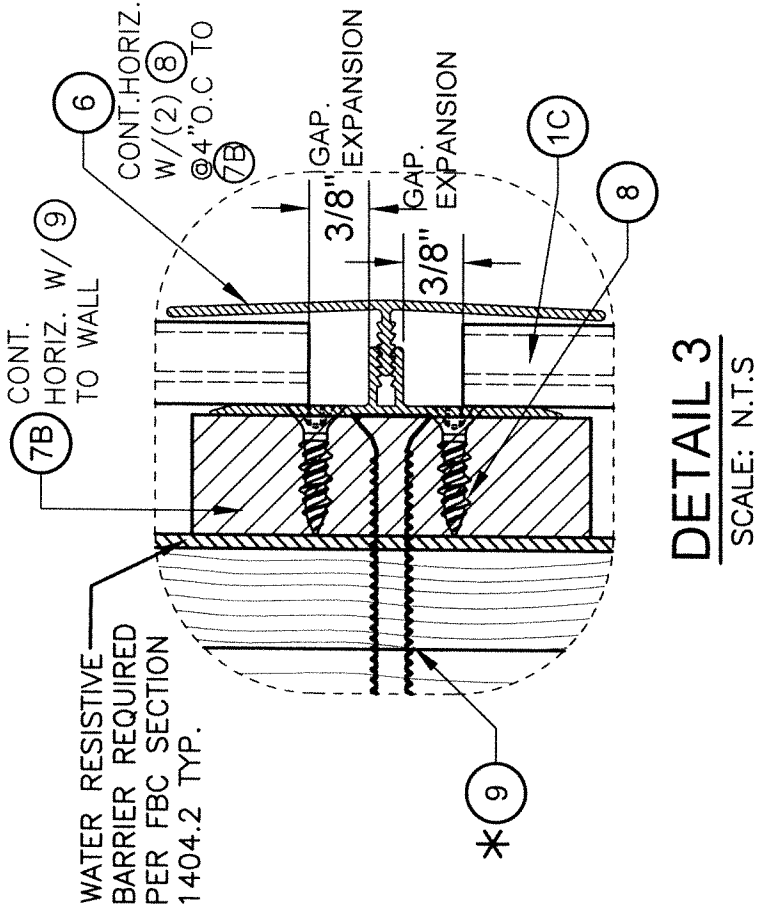
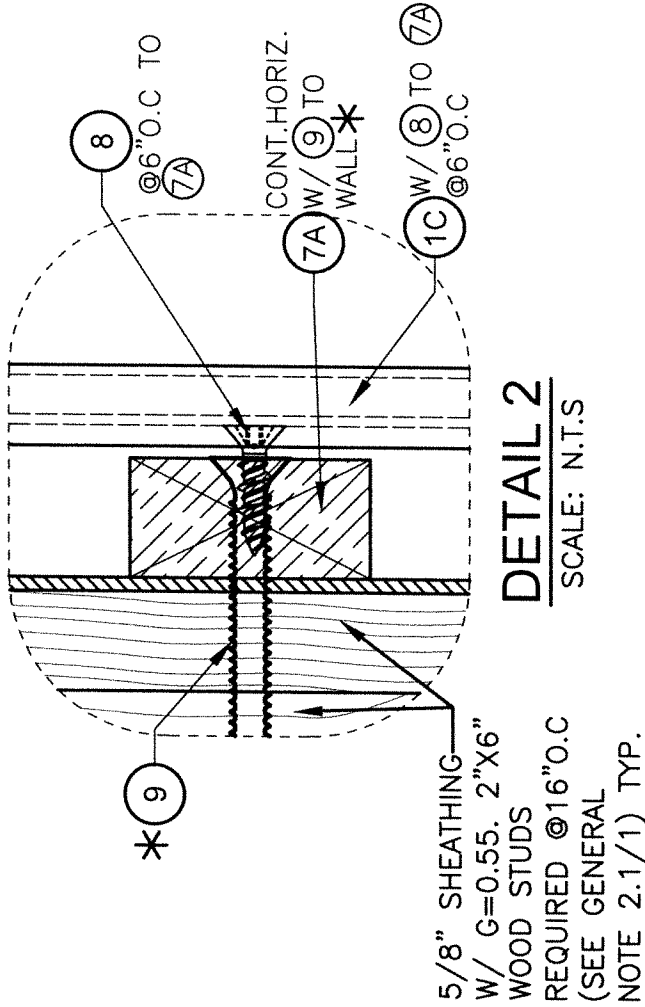
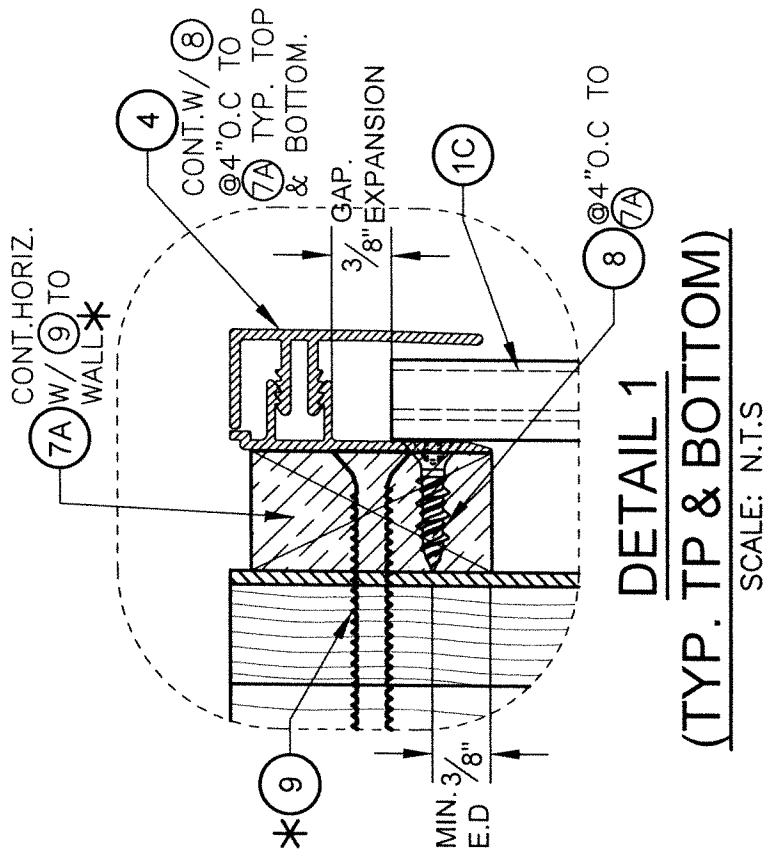
SCALE: N.T.S

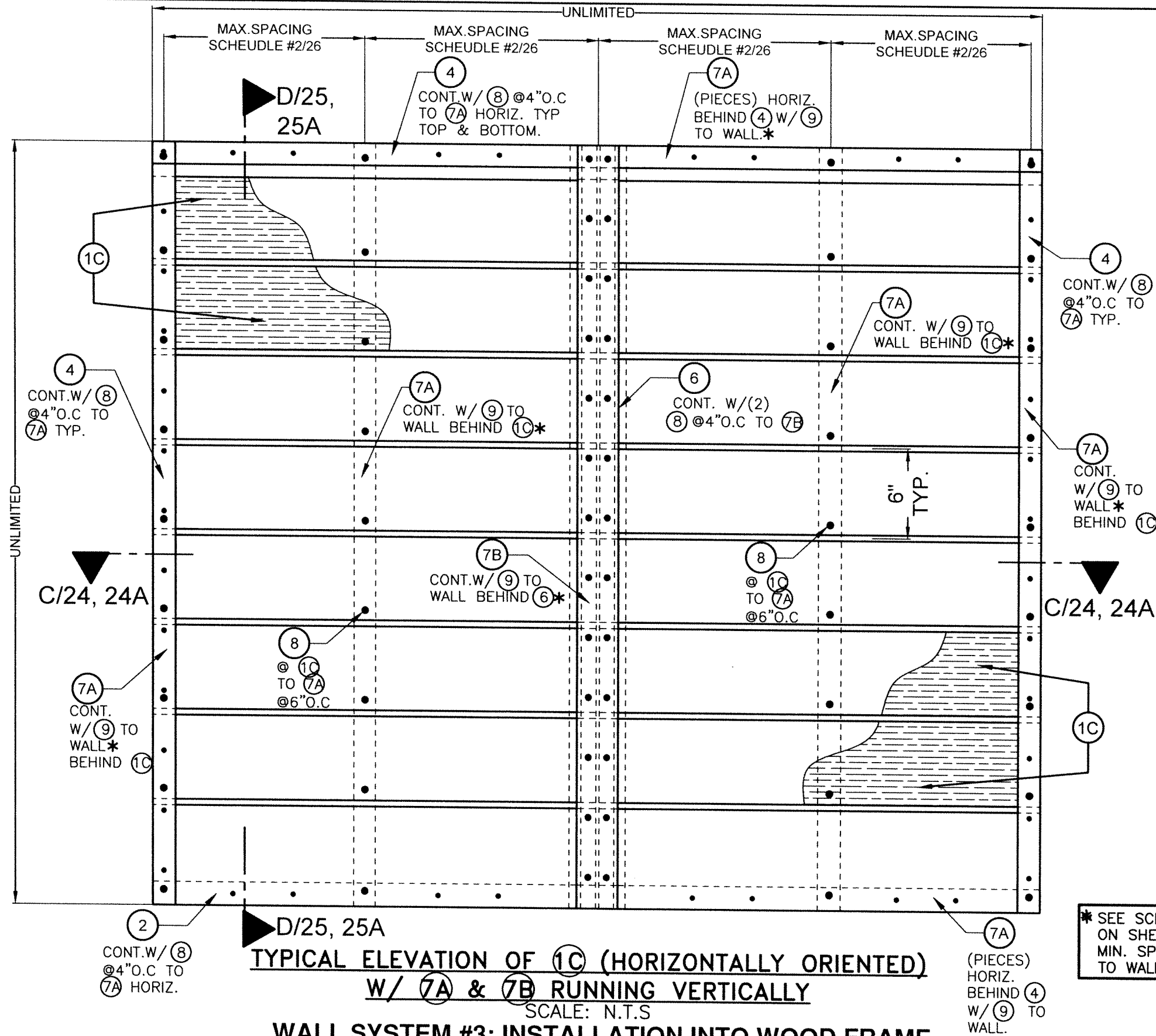
*SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF (9)
TO WALL SUBSTRATE.



WALL SYSTEM #3:
WOOD FRAME WALLS W/1C

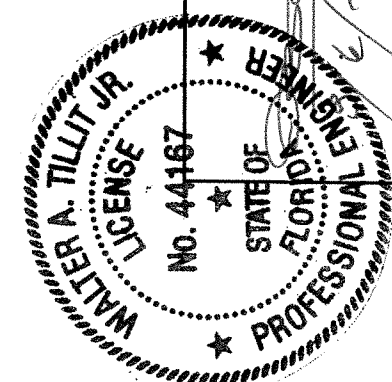
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REV. NO.	DESCRIPTION	DATE	REV. NO.
1	OLD 22-084	03/04/24	3
2			4
P.E. SEAL/SIGNATURE/DATE		W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING NO. SHEET 22A OF 26	





**TYPICAL ELEVATION OF 1C (HORIZONTALLY ORIENTED)
W/ 7A & 7B RUNNING VERTICALLY**
SCALE: N.T.S
**WALL SYSTEM #3: INSTALLATION INTO WOOD FRAME
OR CONCRETE/MASONRY WALLS W/ 1C**

* SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF 9
TO WALL SUBSTRATE.



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CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.

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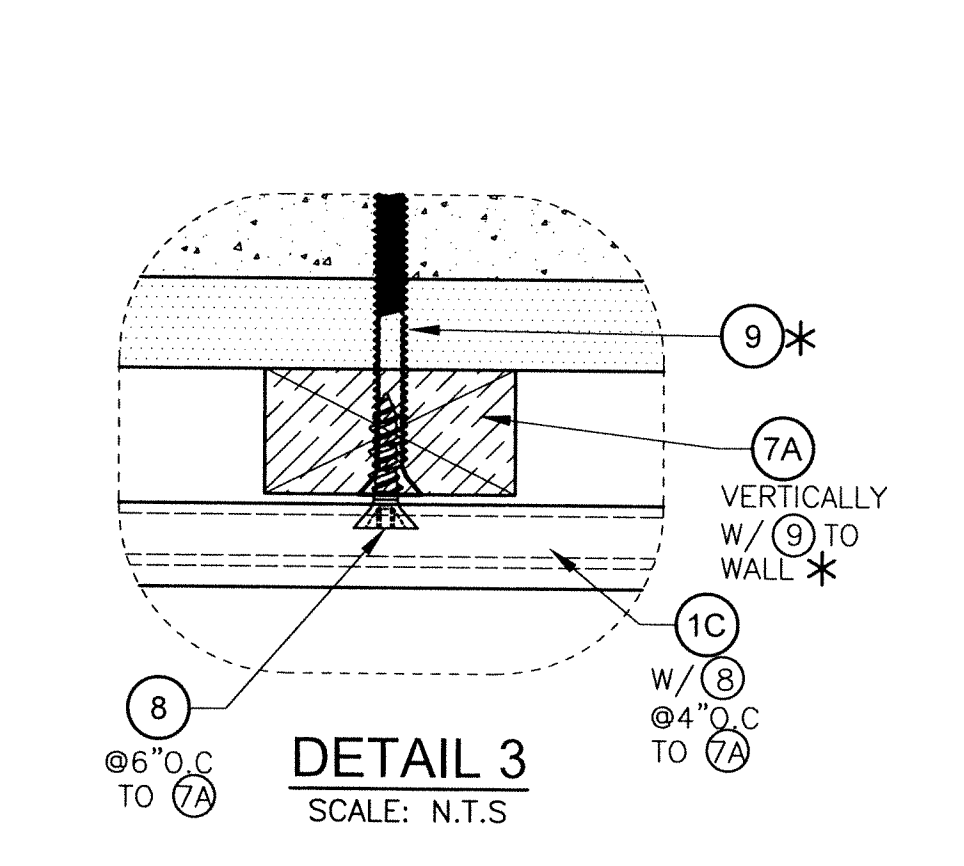
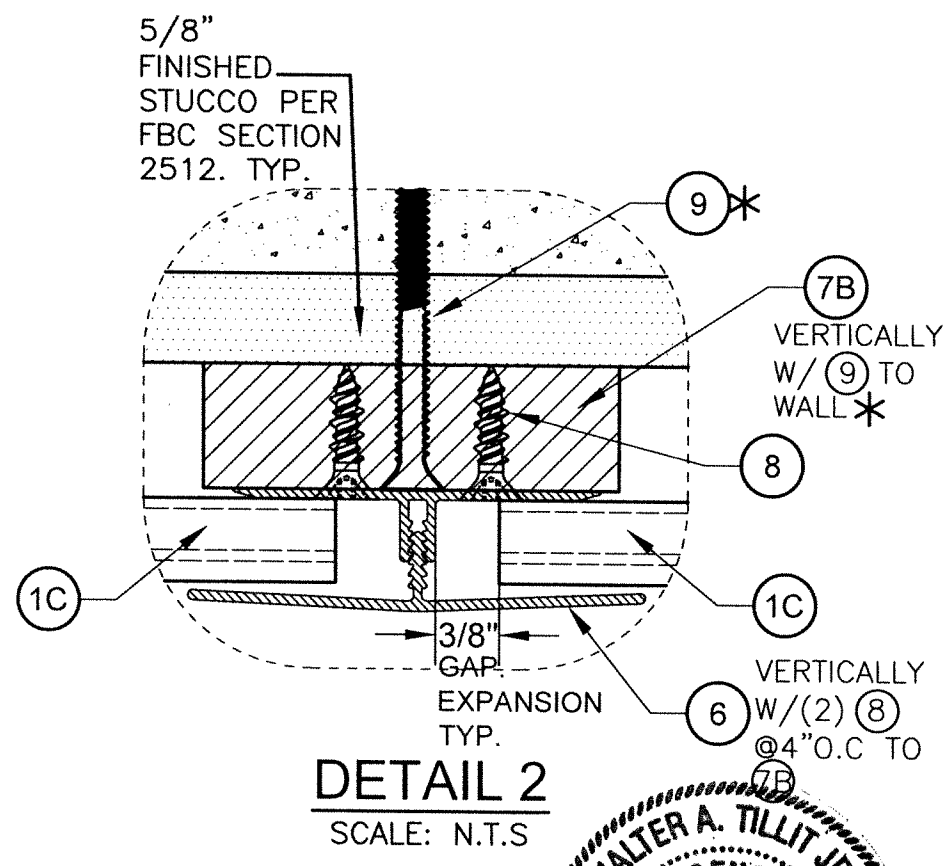
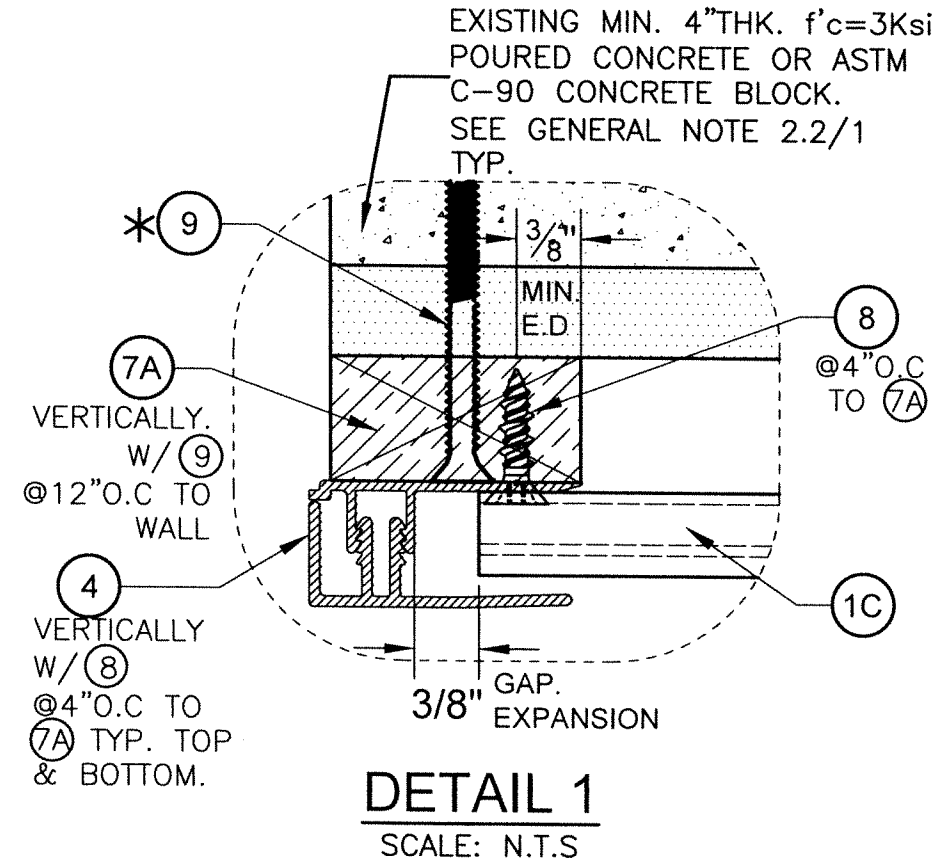
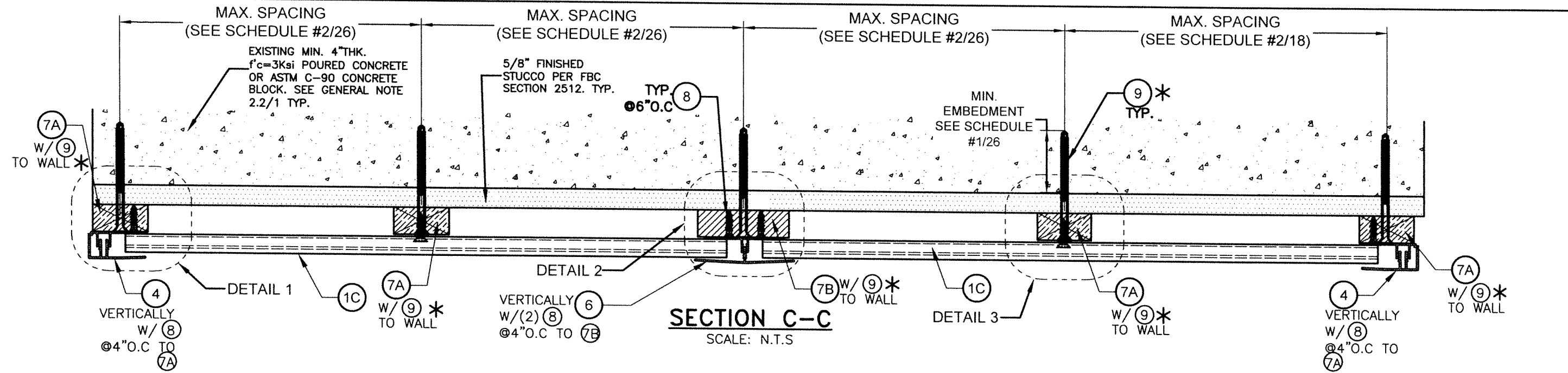
10235-184 ST. NW
EDMONTON, AB T5S 2J4

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 34th St., Ste. 200, Virginia Gardens, FL 33186
Phone: (305) 497-1531 Fax: (305) 497-1531
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FLORIDA Lic. # 44167

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W.H. DRAWN BY: 03/04/2024 DATE: 24-024 DRAWING No. SHEET 23 OF 26

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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2			4		

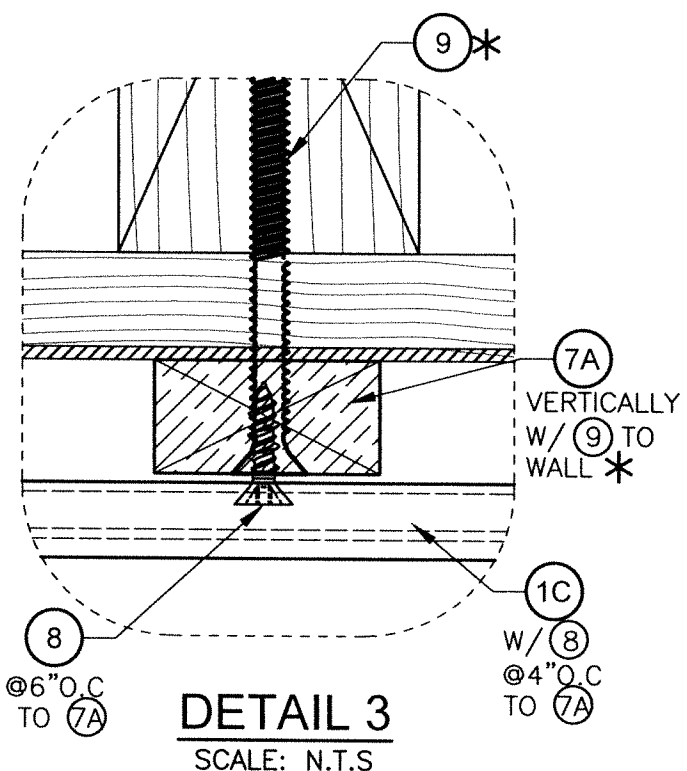
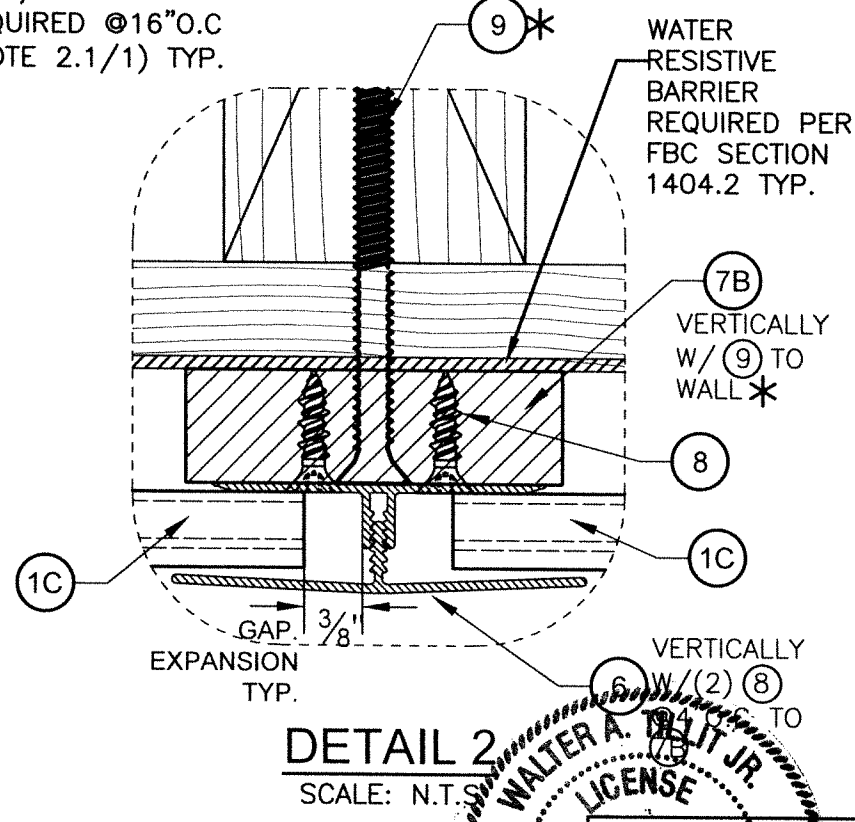
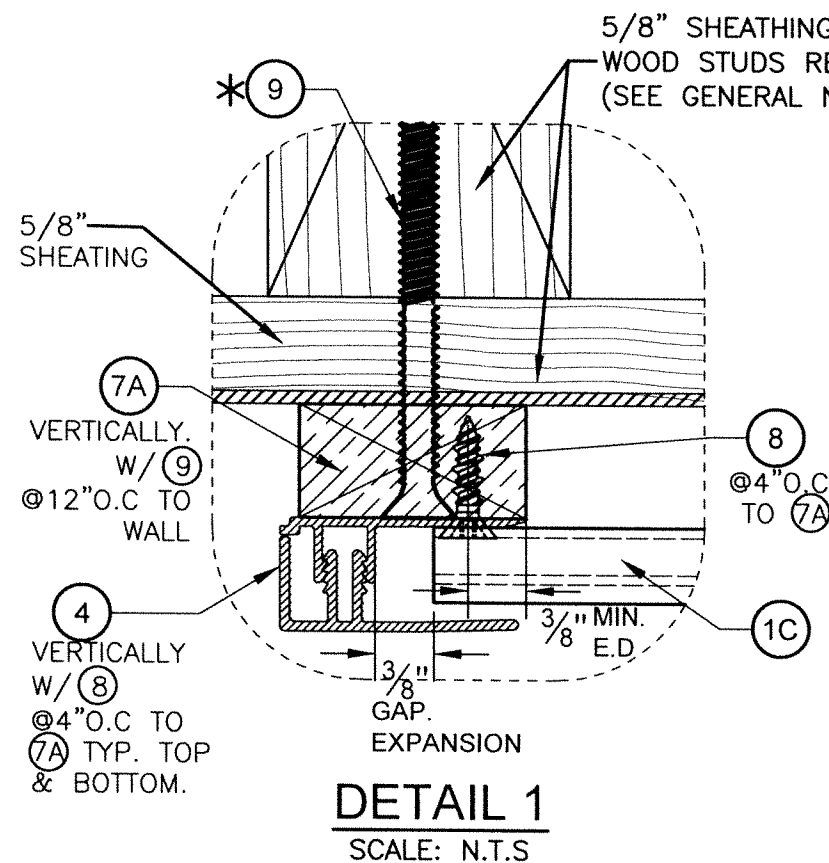
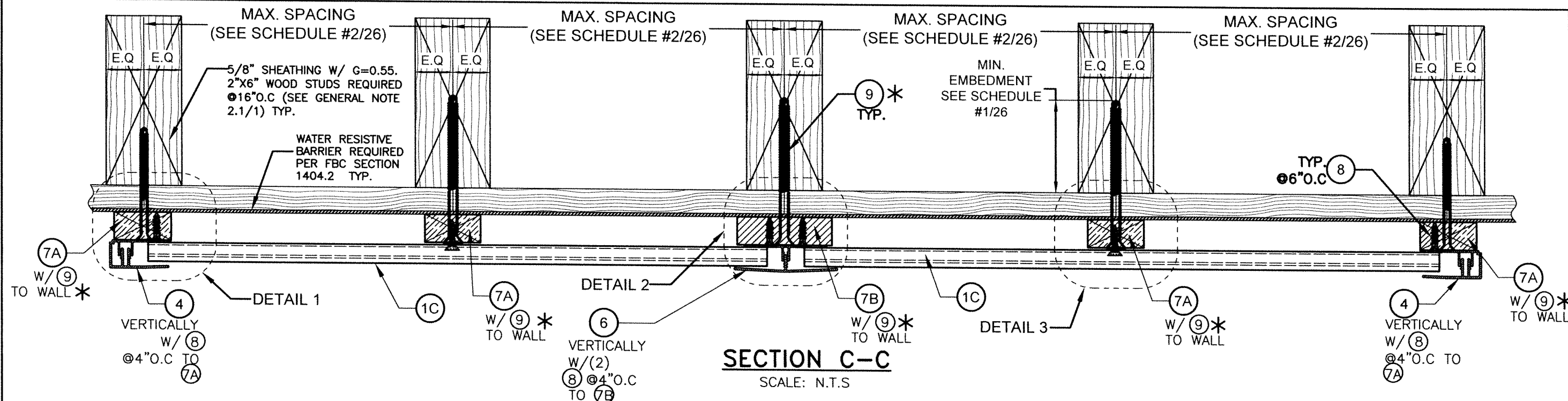


*SEE SCHEDULE #1 ON SHEET 26 FOR MIN. SPACING OF ⑨ TO WALL SUBSTRATE.

WALL SYSTEM #3: POURED CONCRETE OR CONCRETE BLOCK WALL SUBSTRATE W/ ①C

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PROFESSIONAL ENGINEER
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TILTECO INC.			ChamClad by Chameleon		03/04/2024 DATE:
TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33196 Phone: (305) 971-1330 Fax: (305) 971-1331 CA-0008719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			10235-184 ST. NW EDMONTON, AB T5S 2J4		24-024 DRAWING No.
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 22-064	03/04/24	3		
2			4		
					SHEET 24 OF 26



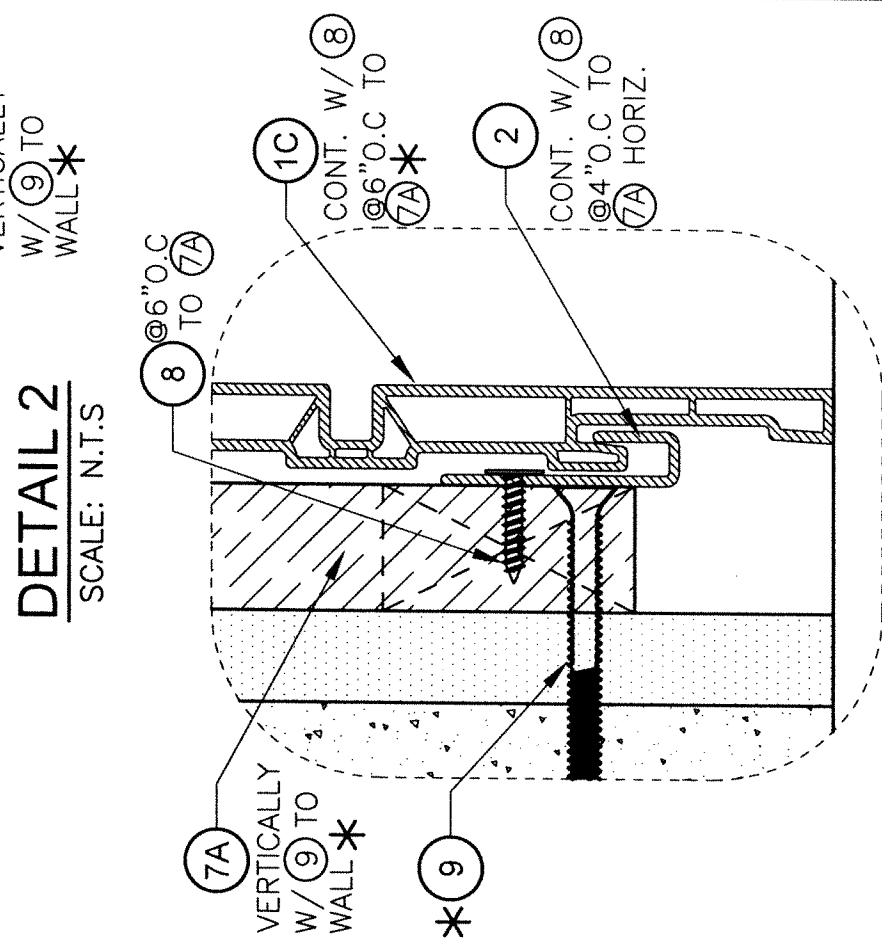
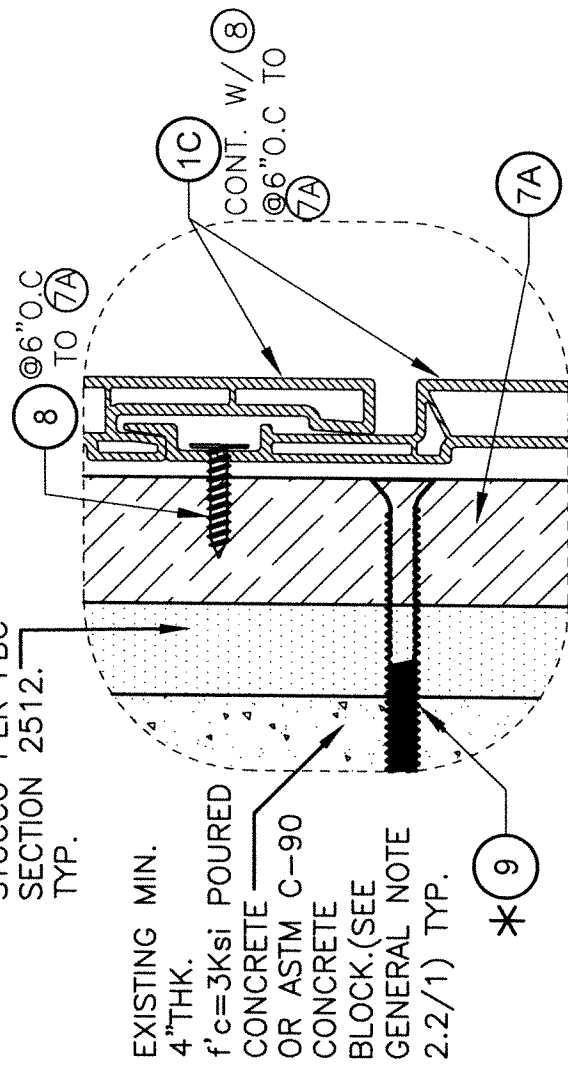
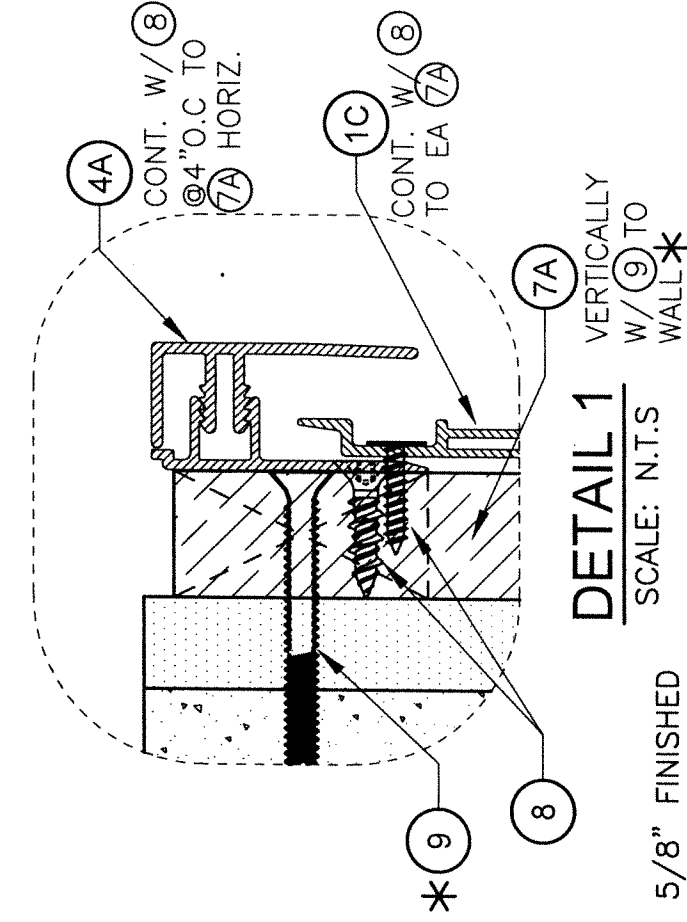
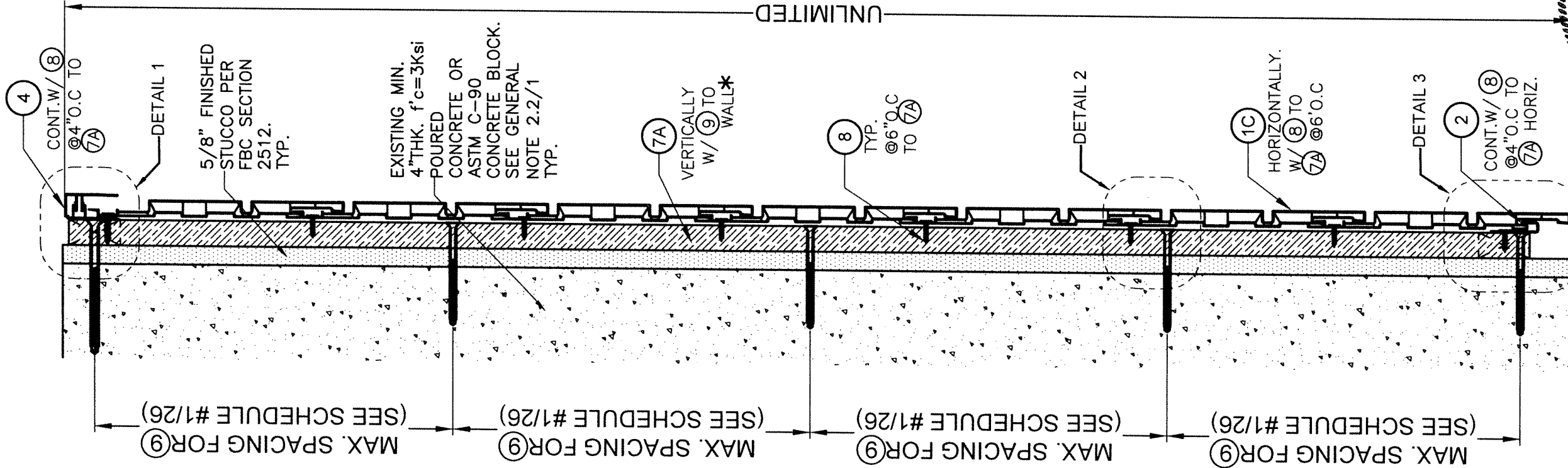
*SEE SCHEDULE #1 ON SHEET 26 FOR MIN. SPACING OF 9 TO WALL SUBSTRATE.

WALL SYSTEM #3: WOOD FRAME WALLS W/ 1C

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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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2			4		

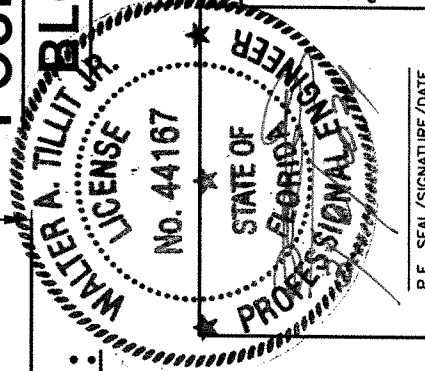
W.H.
DRAWN BY:
03/04/2024
DATE:
24-024
DRAWING No.
SHEET 24A OF 26



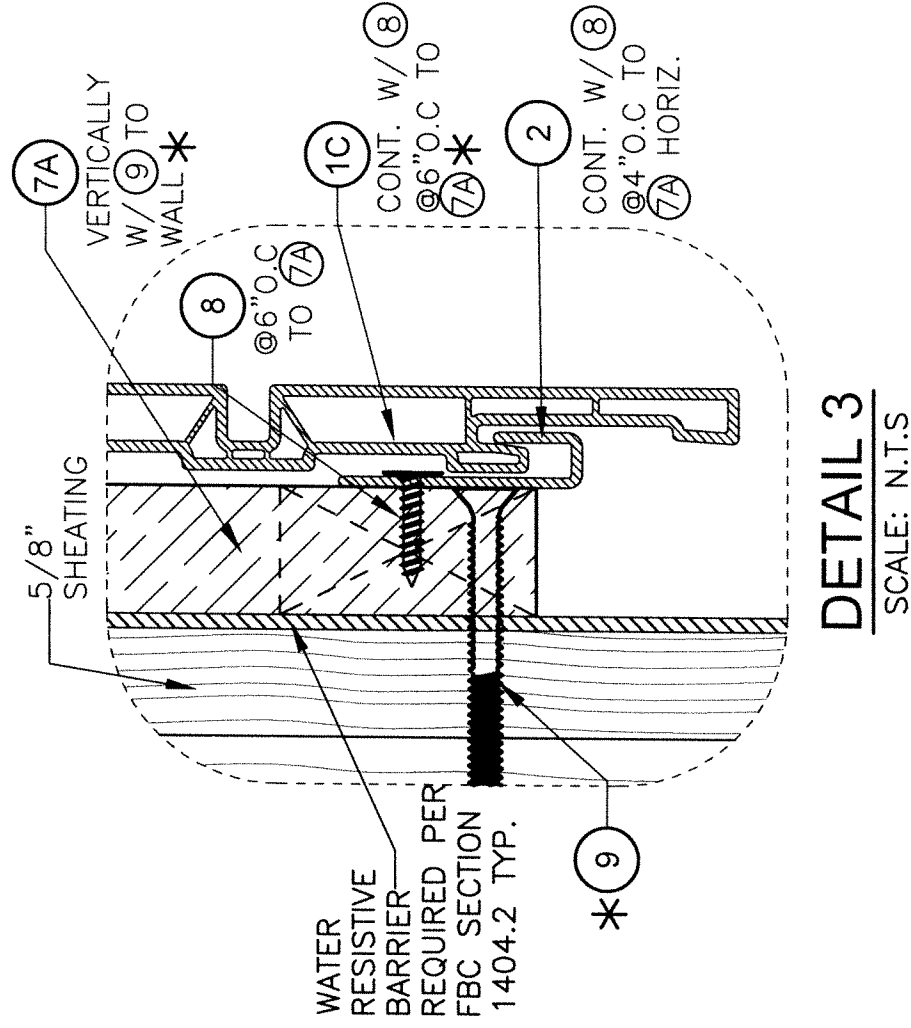
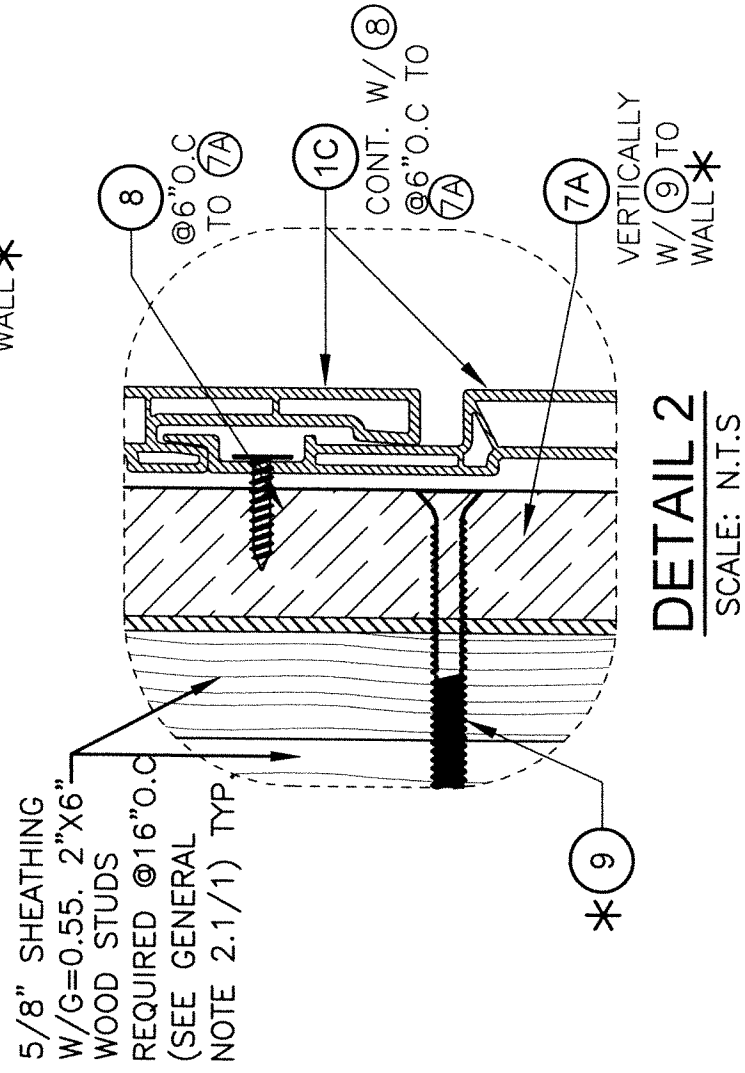
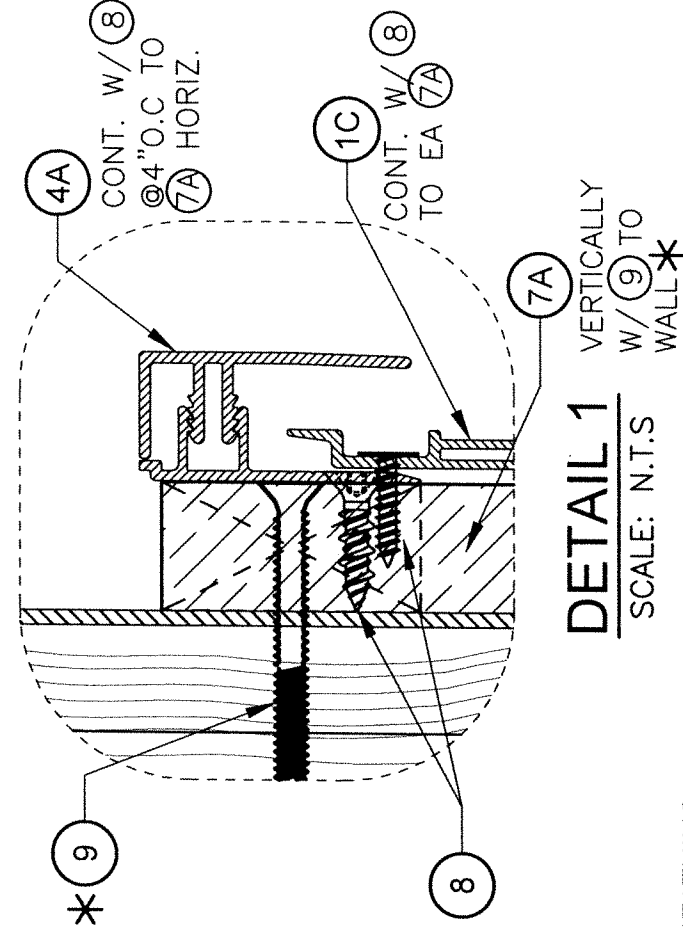
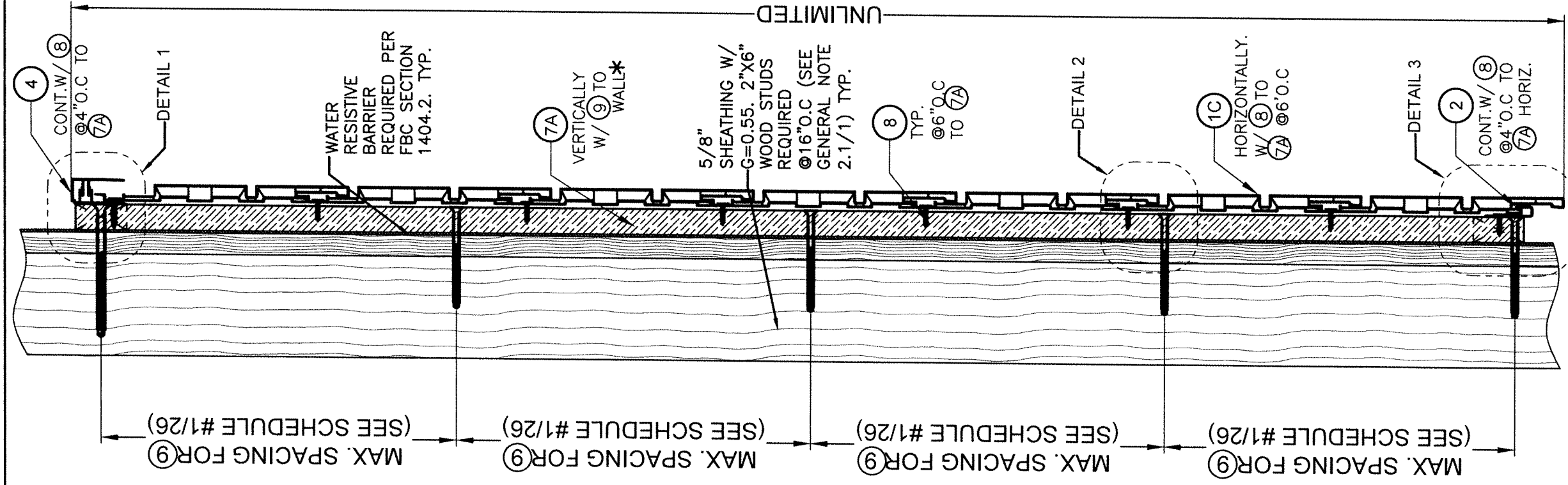
WALL SYSTEM #3:
POURED CONCRETE OR CONCRETE
BLOCK WALL SUBSTRATE W/ (1C)

SECTION D-D:
SCALE: N.T.S.

*SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF (9)
TO WALL SUBSTRATE.



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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 22-084	03/04/24	3		
2			4		



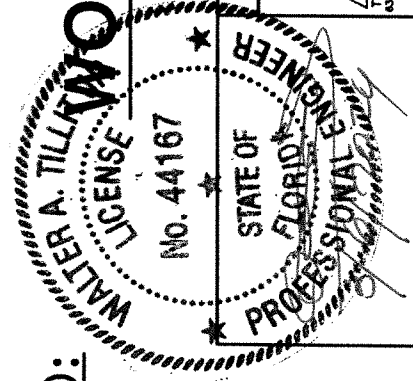
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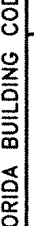
WALL SYSTEM #3:

WOOD FRAME WALLS W/ 1C

WALTER A. TILLMAN
LICENSE

***SEE SCHEDULE #1
ON SHEET 26 FOR
MIN. SPACING OF (9)
TO WALL SUBSTRATE.**



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		TILIT TESTING & ENGINEERING COMPANY 4355 N.W. 34th St., Fort Lauderdale, FL 33309 Phone: (305) 581-1331	
REV.	NO.	DESCRIPTION	DATE
1	OLD	22-084	03/04/24
2			

SCHEDULE #1

MAX. ANCHOR 9 SPACING SCHEDULE FOR ANCHORING OF COMPONENTS 7A & 7B TO EXISTING WALL SUBSTRATE (VALID FOR WALL SYSTEMS #1, #2 & #3)

MAX. DESIGN PRESSURE RATING (psf)	ANCHOR TYPE	SUBSTRATE AT WALL						SUBSTRATE WALL					
		CONCRETE			CONCRETE BLOCK WALL			WOOD* (VERTICAL FURRING)			WOOD** (HORIZONTAL FURRING)		
		MIN. f'c=3000 psi AT 28 DAYS			ASTM C-90			MIN. G = 0.55			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.
+50.0, -53.6	9	1"	1 3/4"	12" O.C.	1"	1 1/4"	12" O.C.	3/4"	1"	12" O.C.	3/4"	1"	16" O.C.
+57.0, -65.2	9	1"	1 3/4"	12" O.C.	1"	1 1/4"	12" O.C.	N/A	N/A	N/A	3/4"	1"	16" O.C.
+66.7, -76.8	9	1"	1 3/4"	12" O.C.	1"	1 1/4"	12" O.C.	N/A	N/A	N/A	3/4"	1"	16" O.C.
+80.0, -88.4	9	1"	1 3/4"	12" O.C.	1"	1 1/4"	12" O.C.	N/A	N/A	N/A	3/4"	1"	16" O.C.
+100,-100	9	1"	1 3/4"	12" O.C.	1"	1 1/4"	12" O.C.	N/A	N/A	N/A	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 FURRING 7A & 7B ON WOOD FRAME WALLS :

- 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 FOR 9 IS VERTICAL SPACING ALONG EXISTING VERTICAL STUDS.
- MIN. 1" EMBEDMENT IS AT EXISTING VERTICAL 2X WOOD STUD BEYOND ANY EXISTING SHEATHING OR WALL FINISH.
- WOOD FRAME WALL MUST COMPLY WITH SECTIONS 1626.4.2, 1404.2 OF THE FLORIDA BUILDING CODE. SEE GENERAL NOTE 2 ON SHEET 1.
- FASTENER 9 MUST BE INSTALLED AT MIDWIDTH OF EXISTING VERTICAL 2X STUD.

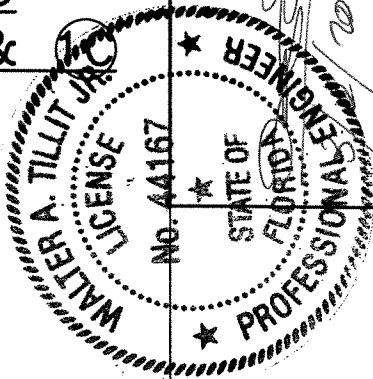
** VALID ONLY FOR HORIZONTALLY INSTALLED FURRING 7A & 7B ON WOOD FRAME WALLS:

- 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 EXISTING SHEATHING OR WALL FINISH.
- WOOD FRAME WALL MUST COMPLY WITH SECTIONS 1626.4.2, 1404.2 OF THE FLORIDA BUILDING CODE. SEE GENERAL NOTE ON SHEET 1.
- FASTENER 9 MUST BE INSTALLED AT MIDWIDTH OF EXISTING VERTICAL 2X STUD.

SCHEDULE #2

MAX. 7A & 7B (FURRING) SPACING (ON CENTERS) VERSUS MAX ALLOWED PRESSURE RATING FOR PANELS 1A, 1B &

SPACING FOR 7A & 7B ON CENTERS WALL.	MAX PRESSURE RATING (psf)
16"O.C	+50.0 , -53.6
14"O.C	+62.5, -65.2
12"O.C	+75.0 , -76.8
10"O.C	+87.5 , -88.4
8"O.C	+100.0 , -100.0



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILTECO inc.
TILLIT TESTING & ENGINEERING COMPANY
4385 N.W. 24th St., Ste. 200, Virginia Gardens, FL 33149
Phone : (305) 487-1800 Fax : (305) 487-1531
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

CWS 6" DECORATIVE EXTERIOR WALL PANEL SYSTEMS.

ChamClad
by Chameleon
10235-184 ST. NW
EDMONTON, AB T5S 2J4

W.H.

DRAWN BY:

DATE:

24-024

DRAWING No.

SHEET 26 OF 26