REVISION HISTORY

RAWING NUMBER: FPA-400-CAP-IMP

INAL REVIEW:

SCALE: N.T.S.

REVISION: SHEET NAME

ELEVATION

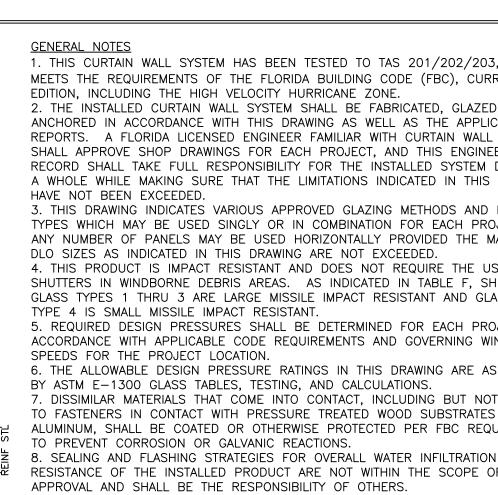
1 OF 14

2428 OLD NATCHEZ TRC TRL CAMDEN, TN 38320

TURNER ENGINEERING &

CONSULTING, INC.

(COA # 29779)



3'-103/4' DLO SMI 3'−95ౖ" DLO ĽMI  $\begin{pmatrix} 1 \\ 11 \end{pmatrix}$ (118) OΑ

FRAME

S

٥

30,

MAX.

 $\left(\frac{4}{9}\right)$ 

118) <sup>[</sup>

1. THIS CURTAIN WALL SYSTEM HAS BEEN TESTED TO TAS 201/202/203, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.

2. THE INSTALLED CURTAIN WALL SYSTEM SHALL BE FABRICATED, GLAZED, AND ANCHORED IN ACCORDANCE WITH THIS DRAWING AS WELL AS THE APPLICABLE TEST REPORTS. A FLORIDA LICENSED ENGINEER FAMILIAR WITH CURTAIN WALL DESIGN SHALL APPROVE SHOP DRAWINGS FOR EACH PROJECT. AND THIS ENGINEER OF RECORD SHALL TAKE FULL RESPONSIBILITY FOR THE INSTALLED SYSTEM DESIGN AS A WHOLE WHILE MAKING SURE THAT THE LIMITATIONS INDICATED IN THIS DRAWING

3. THIS DRAWING INDICATES VARIOUS APPROVED GLAZING METHODS AND FRAMING TYPES WHICH MAY BE USED SINGLY OR IN COMBINATION FOR EACH PROJECT. ANY NUMBER OF PANELS MAY BE USED HORIZONTALLY PROVIDED THE MAXIMUM DLO SIZES AS INDICATED IN THIS DRAWING ARE NOT EXCEEDED.

4. THIS PRODUCT IS IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF SHUTTERS IN WINDBORNE DEBRIS AREAS. AS INDICATED IN TABLE F, SHEET 2, GLASS TYPES 1 THRU 3 ARE LARGE MISSILE IMPACT RESISTANT AND GLASS

5. REQUIRED DESIGN PRESSURES SHALL BE DETERMINED FOR EACH PROJECT IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND GOVERNING WIND

6. THE ALLOWABLE DESIGN PRESSURE RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, TESTING, AND CALCULATIONS.

7. DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING BUT NOT LIMITED TO FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SUBSTRATES OR ALUMINUM, SHALL BE COATED OR OTHERWISE PROTECTED PER FBC REQUIREMENTS

RESISTANCE OF THE INSTALLED PRODUCT ARE NOT WITHIN THE SCOPE OF THIS APPROVAL AND SHALL BE THE RESPONSIBILITY OF OTHERS.

9. THE 4/3 ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF WOOD SUBSTRATE.

10. STRUCTURAL INTEGRITY OF SUBSTRATE MATERIALS TO RECEIVE THE LOADS FROM THIS PRODUCT, TO BE VERIFIED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

11. THIS PRODUCT SHALL BE INSTALLED USING ONE OF THE APPROVED FASTENING OR WELDING METHODS INDICATED IN THIS DRAWING, AS APPROPRIATE FOR THE SUBSTRATE TYPE. WELD SIZES AND LOCATIONS FOR INTERMEDIATE ANCHORS SHALL BE AS INDICATED IN THE DETAILS FOR EACH CLIP TYPE, AND FOR U. F. AND T-ANCHORS THE ANCHOR SIZE, EMBEDMENT, EDGE DISTANCE, AND PATTERN WITHIN THE CLIP SHALL BE IN ACCORDANCE WITH TABLE E. SHEET 2, AND APPLICABLE DETAILS.

12. MINIMUM ANCHOR EMBEDMENTS LISTED IN THIS DRAWING SHALL BE BEYOND WALL DRESSING OR STUCCO AND FULLY INTO SUBSTRATE.

13. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE E, SHEET 2. CONCRETE SUBSTRATES SHALL NOT BE CRACKED.

LICEN .

TWIN-SPAN ELEVATION WET GLAZED, SEE TABLE A FOR LIMITS OF USE

 $3'-2\frac{3}{4}'$ 

3'-1½" GLASS

SMI.

4' GLASS

3'-01/4'

DLO SMI

/4'-01/4"

DLO LMI

 $\left(\begin{array}{c} 1\\ 8\end{array}\right)$ 

 $\left(\frac{3}{5}\right)$ 

NOTE:

SMI = SMALL

MISSILE IMPACT

IMI = IARGF

MISSILE IMPACT

-111/4' GLASS

 $\left(\frac{3}{3}\right)$ 

(116)

16'-REINF

 $\frac{3}{9}$ 

ANCHOR

5'-11/4"

5'-0"

GLASS LMI

4'-10¾'

DLO SMI

3'-103/4"

DLO LMI

 $\binom{2}{8}$ 

8'-2<sup>3</sup>/<sub>4</sub>" GLASS

8'-1½" DLO

TUBELITE MONUMENTAL MEDIUM STILE DOORS,

SEE SEPARATE APPROVAL

8'-0" DOOR FRAME OPENING

 $\left(\frac{1}{3}\right)$ 

GLASS SMI

4'-0"

5'-11/4"

5'-0"

GLASS LMI

1 GLASS SMI

4'-0"

(117)

DLO SMI

′3'–10¾"

DLO LMI

 $\binom{4}{4}$ 

 $\frac{4}{3}$ 

(116)

18'-10916" OA CW FRAME

5'-11/4'

5'-0"

4'-0"

GLASS LMI

′4'–10¾'

DLO SMI

3'-103/4"

DLO LMI

 $\left(\frac{1}{10}\right)$ 

GLASS SMI

 $\binom{1}{5}$ 

4

TABLE A. ELEV. E1/1 INFORMATION				
DESIGN PRESSURE	+70/-70 PSF		DESIGN PRESSURE	+78/-71 PSF
GLAZING TYPE	1 OR 2		GLAZING TYPE	4
MISSILE RATING	LARGE MISSILE		MISSILE RATING	SMALL MISSILE

ANCHOR DETAILS 9-10 ASSEMBLY DETAILS

14

TABLE OF CONTENTS:

CONTENT

NOTES. TWIN-SPAN ELEVATION

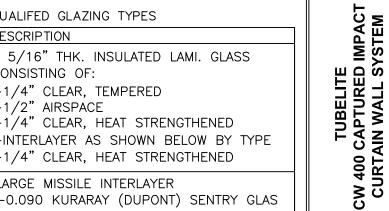
SINGLE-SPAN ELEV., GLAZING, ANCHORS

SECTION DETAILS 3 - 7SPLICE JOINT

11 - 1213 PART DRAWINGS

PART DWGS, BILL OF MATERIALS

No. 58201 10/26/2020 LUCAS A. TURNER, P.E. FL PE # 58201



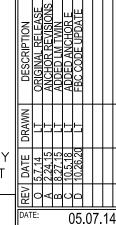


TABLE F. QUALIFED GLAZING TYPES DESCRIPTION

1 5/16" THK. INSULATED LAMI. GLASS CONSISTING OF: -1/4" CLEAR, TEMPERED -1/2" AIRSPACE ALL -1/4" CLEAR, HEAT STRENGTHENED -INTERLAYER AS SHOWN BELOW BY TYPE -1/4" CLEAR, HEAT STRENGTHENED LARGE MISSILE INTERLAYER 1 -0.090 KURARAY (DUPONT) SENTRY GLAS LARGE MISSILE INTERLAYER 2 -0.075 EASTMAN SAFLEX CP (VS02) LARGE MISSILE INTERLAYER 3 -0.090 KURARAY (DUPONT) BUTACITE PVB SMALL MISSILE INTERLAYER

<del>-</del>15⁄<sub>16</sub>"-

1/4" FULLY TEMPERED

**GLASS** 

56

49

6

58

8

84

48

2" FR

EA END &

6" MAX. OC

-0.060 KURARAY (DUPONT) BUTACITE PVB

9/16" LAMI

\_GLASS, SEE

TABLE E

ABOVE

AIR

SPACE

BOTH

SIDES

BOTH

(49) SIDES

FOR WET

GLAZED

(100)

<sup>^</sup> 57

5'-1½" MAX. 0.C., TYP. 1" MAX. BETWEEN FRAME & OPENING, 4 9 JAMBS  $\begin{pmatrix} 1 \\ 6 \end{pmatrix}$ TYP. OA CW FRAME HEIGHT 1'-1014" MAX. DLO  $\begin{pmatrix} 4 \\ 4 \end{pmatrix}$ OPENING −10½" МАХ. DLO НЕІGНТ  $\binom{2}{4}$ MAX. 118) • (118) (109) MAX. (109) 1/2" (89) -41/4" NOTE: SEAL HEADS OF 12, TYP. ALL SCREWS  $\left(\frac{4}{9}\right)$  $\binom{2}{6}$ W/DOW 795 4'-10<sup>3</sup>⁄<sub>4</sub>" MAX. DLO, TYP. TYP. AT (2) 5'-0" MAX. GLASS, TYP JAMBS

5'-1½" MAX. 0.C., TYP. 1" MAX. BETWEEN TYP. TYP. AT FRAME & OPENING, 2 JAMBS  $\binom{4}{9}$  $\binom{1}{6}$ TYP. 3'-10¾" MAX. DLO MAX. OA CW FRAME HEIGHT

4

(110)

 $\frac{3}{4}$ 

SINGLE-SPAN ELEVATION

4'-1<sup>1</sup>/<sub>4</sub>" MAX. O.C., TYP.

1

(<del>4</del>)

 $\binom{1}{6}$ 

 $\binom{2}{6}$ 

WET GLAZED, SEE TABLE B FOR LIMITS OF USE

TYP. AT

JAMBS (2)

 $\frac{3}{6}$ 

 $\left(\frac{2}{9}\right)$ 

 $3'-10\frac{3}{4}$ " DLO TYP.

4'-0" GLASS TYP

<u>E2</u>

TYP. AT

-10" MAX. DLO HEIGHT

TYP. AT

**JAMBS** 

**JAMBS** 

1" MAX. BETWEEN

FRAME &

OPENING,

TYP.

FRAME

MAX.

MAX.

HORIZONTAL PRESSURE PLATE & CAP RUN THROUGH

TOP & BOTTOM

TABLE B. ELEV. E2/2 INFORMATION +/-65 PSF **DESIGN PRESSURE GLAZING TYPE** 3 LARGE MISSILE MISSILE RATING

SINGLE-SPAN ELEVATION

WET GLAZED, SEE TABLE C FOR LIMITS OF USE

2

TABLE C. ELEV. E3/2 INFORMATION				
DESIGN PRESSURE	+/-90 PSF			
GLAZING TYPE	1			
MISSILE RATING	LARGE MISSILE			

TABLE D. ELEV. E4/2 INFORMATIO			
	DESIGN PRESSURE	+/-70 PSF	
	GLAZING TYPE	1	
	MISSILE RATING	LARGE MISSILE	

TABLE C. ELEV. E3/2 INFORMATION				
DESIGN PRESSURE	+/-90 PSF			
GLAZING TYPE	1			
MISSILE RATING	LARGE MISSILE			

TABLE D. ELEV. E4	/2 INFORMATION
DESIGN PRESSURE	+/-70 PSF
GLAZING TYPE	1
MISSILE RATING	LARGE MISSILE

## TABLE F QUALIFIED ANCHOR INFORMATION

 $\lceil \binom{2}{9} \rceil$ 

(110)

TYP.

5'-0" MAX.

GLASS, TYP.

 $\left(\frac{4}{9}\right)$ 

ID	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
Α	SOLID UNCRACKED CONCRETE (3000 PSI MIN)	3/8" HILTI KWIK BOLT 3 CARBON OR STAINLESS STEEL, MAY BE USED ALL LOCATIONS EXCEPT DET. 1/9	2 1/2"	3"
В	SOLID UNCRACKED CONCRETE (3000 PSI MIN)	1/2" HILTI KWIK BOLT 3 CARBON OR STAINLESS STEEL, MAY BE USED ALL LOCATIONS, REQUIRED AT DETAIL 1/9 FOR CONCRETE INSTALL	2 1/4"	4 3/4"
С	SOUTHERN PINE WOOD (G=0.55 MIN)	1/2" GRADE 5 LAG SCREW	3"	2"
D	1/4" ALUM. 6063-T5 MIN. OR 1/4" STEEL 36 KSI MIN.	3/8-16 GRADE 5 SHEET METAL SCREW	SEE NOTE	3/4"
Е	17-5/8" WALL SOLID HNCRACKED CONCRETE	3/8" HILTI KWIK BOLT 3 CARBON OR STAINLESS STEEL, MAY BE USED W/ DET. 4/9 T-CLIPS WITH SIX ANCHORS PER CLIP, WITH MAX. SYSTEM DP OF +/-42 PSF, WITH MULL TUBES TIGHT TO T-CLIPS (1/4" OFFSET FROM MULL END TO OPENING SUBSTRATE)	2 1/2"	1 1/4" DIST. TO ONE EDGE, 2 5/8" DIST. TO OPPOSITE EDGE

NOTE: ANCHORS THROUGH METAL SHALL BE OF SUFFICIENT LENGTH TO PROVIDE THREAD ENGAGEMENT THROUGH THE FULL METAL THICKNESS

o" oa REINF.,

(110)

(110)

NØTE: SEAL

ALL SCREWS

W/DOW 795

HÉADS OF

4'–10¾" MAX.

DLO, TYP.

89

SINGLE-SPAN ELEVATION

DRY GLAZED, SEE TABLE D FOR LIMITS OF USE

No. 58201

STATE OF

LUCAS A. TURNER, P.E
FL PE # 58201
TURNER ENGINEEP'
CONSULTING
(COA #
2428 OLD N'
CAMP

2 OF 14

REVISION HISTORY

FOR DRY GLAZED

SEE ELEVATIONS FOR WET OR DRY GLAZED REQ'MNT

RAWING NUMBER:

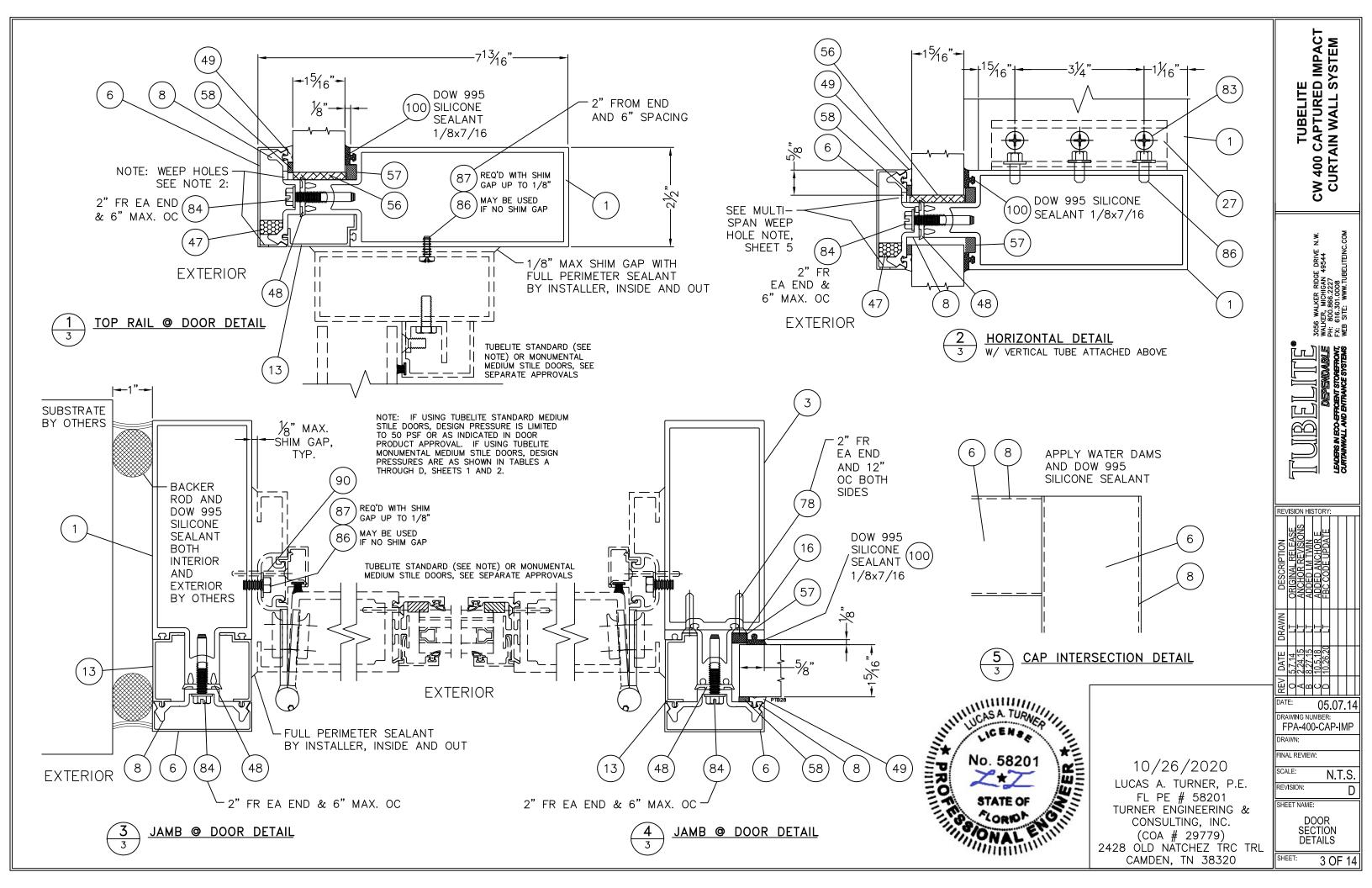
FPA-400-CAP-IMP

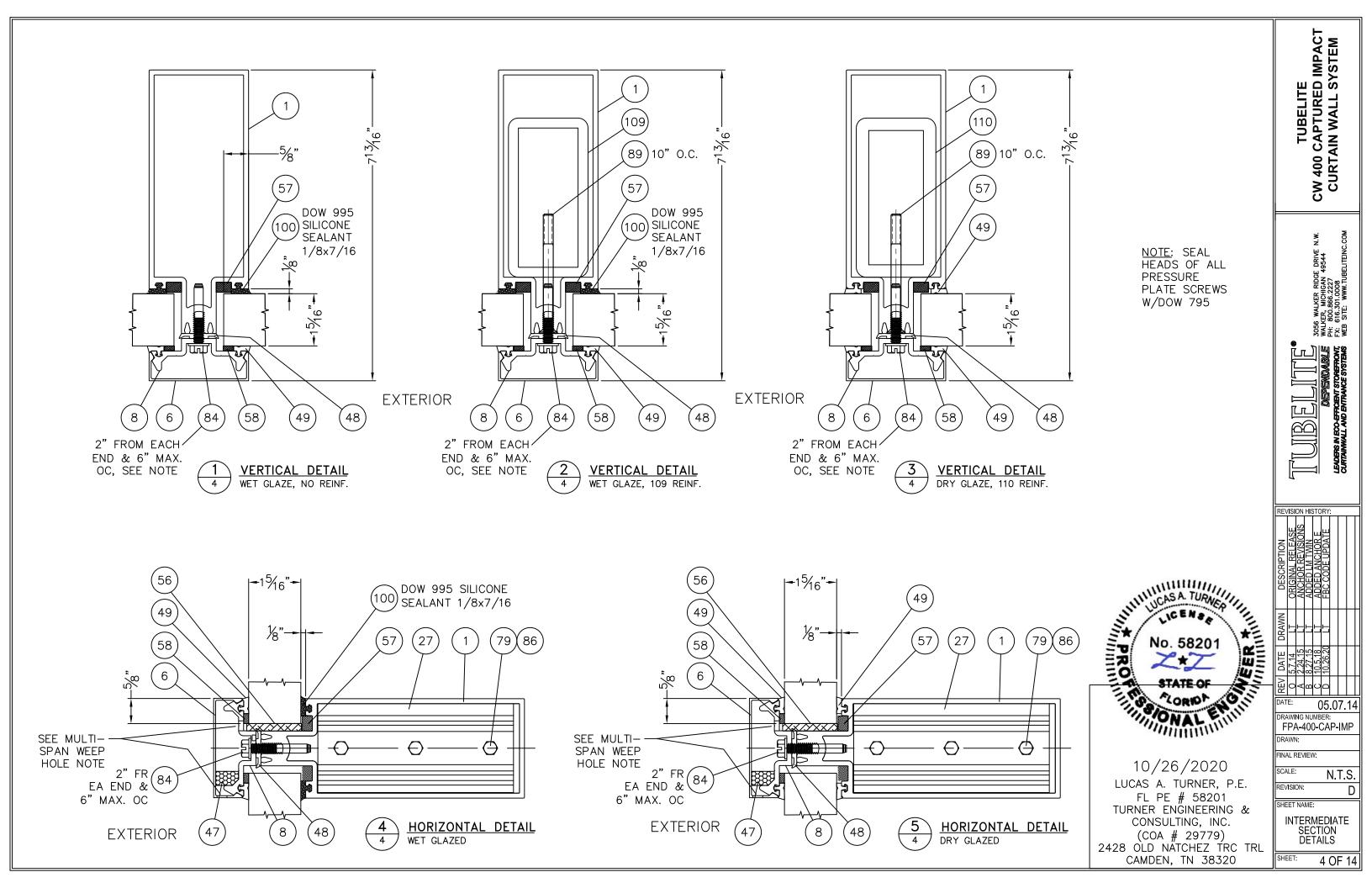
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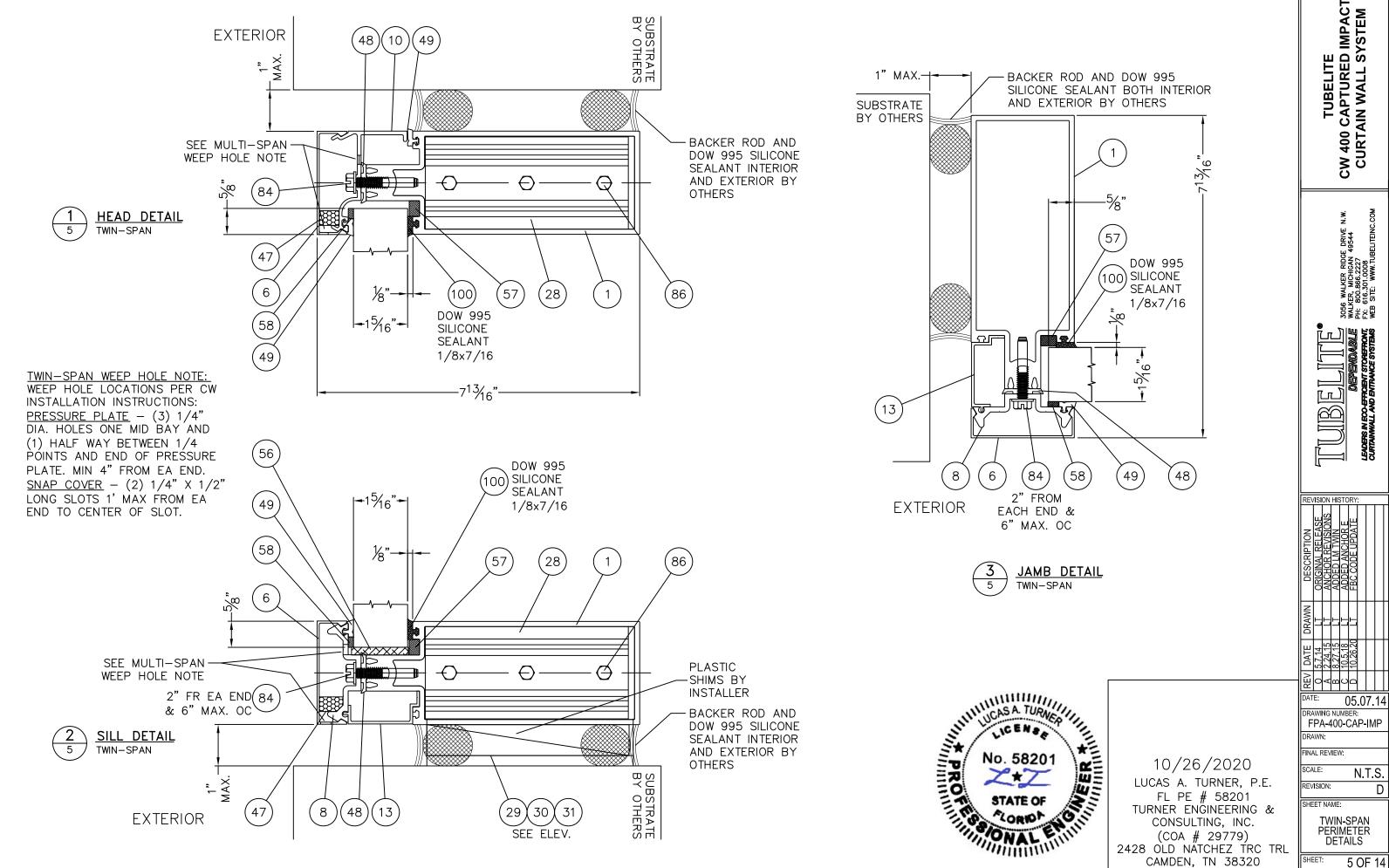
SCALE: N.T.S.

REVISION:

ELEVATIONS, ANCHORAGE, **GLAZING** 

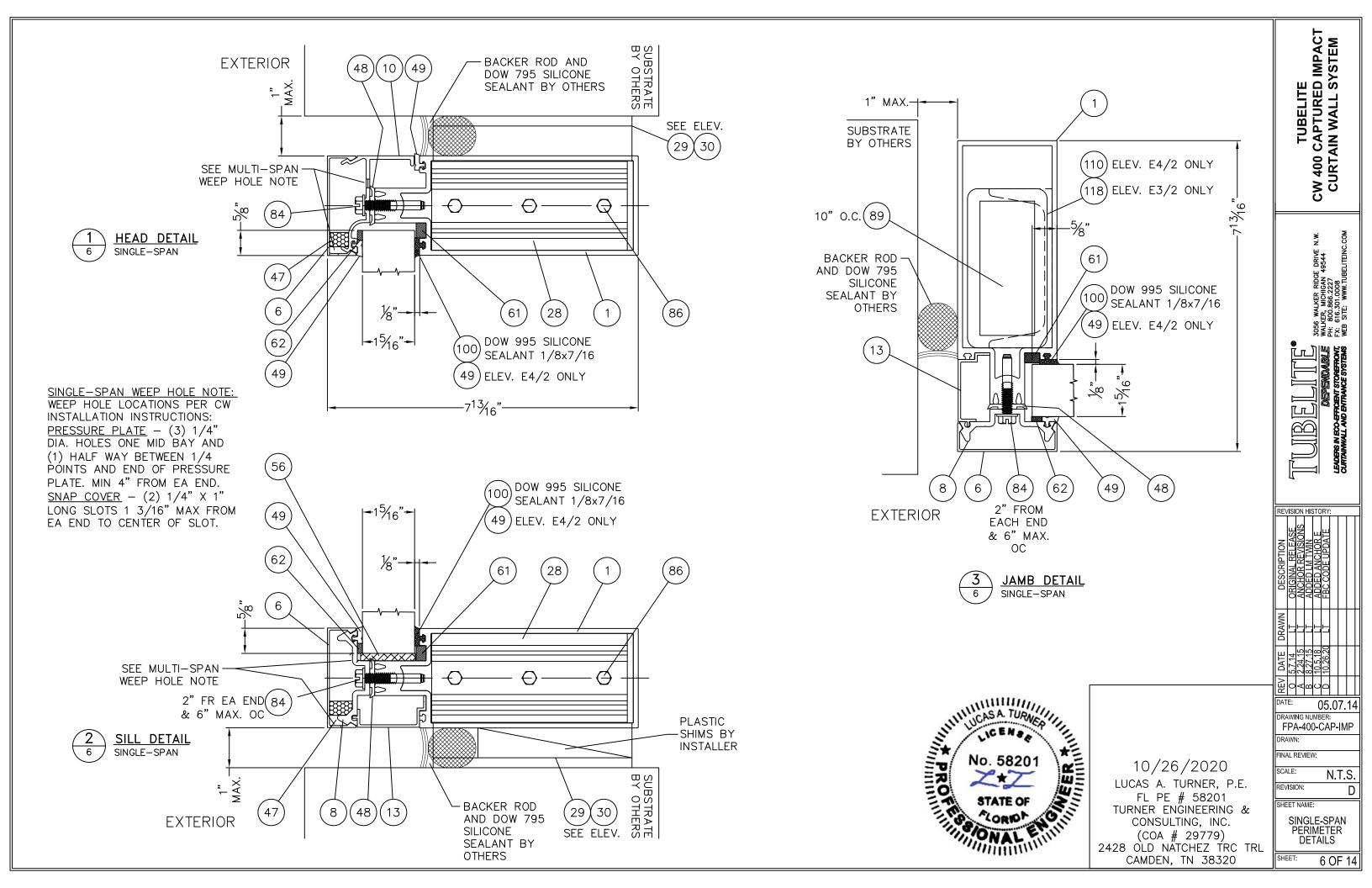


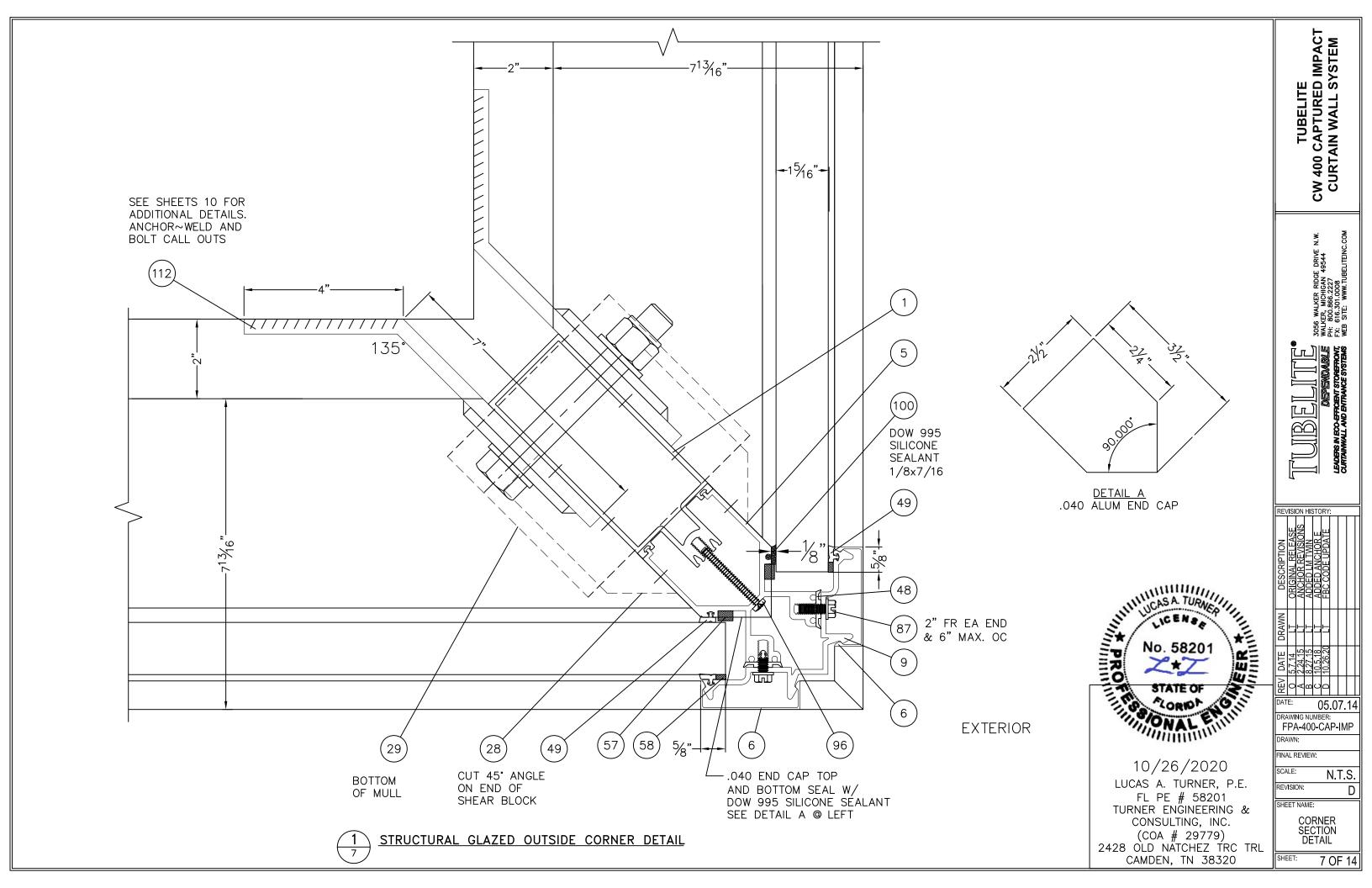


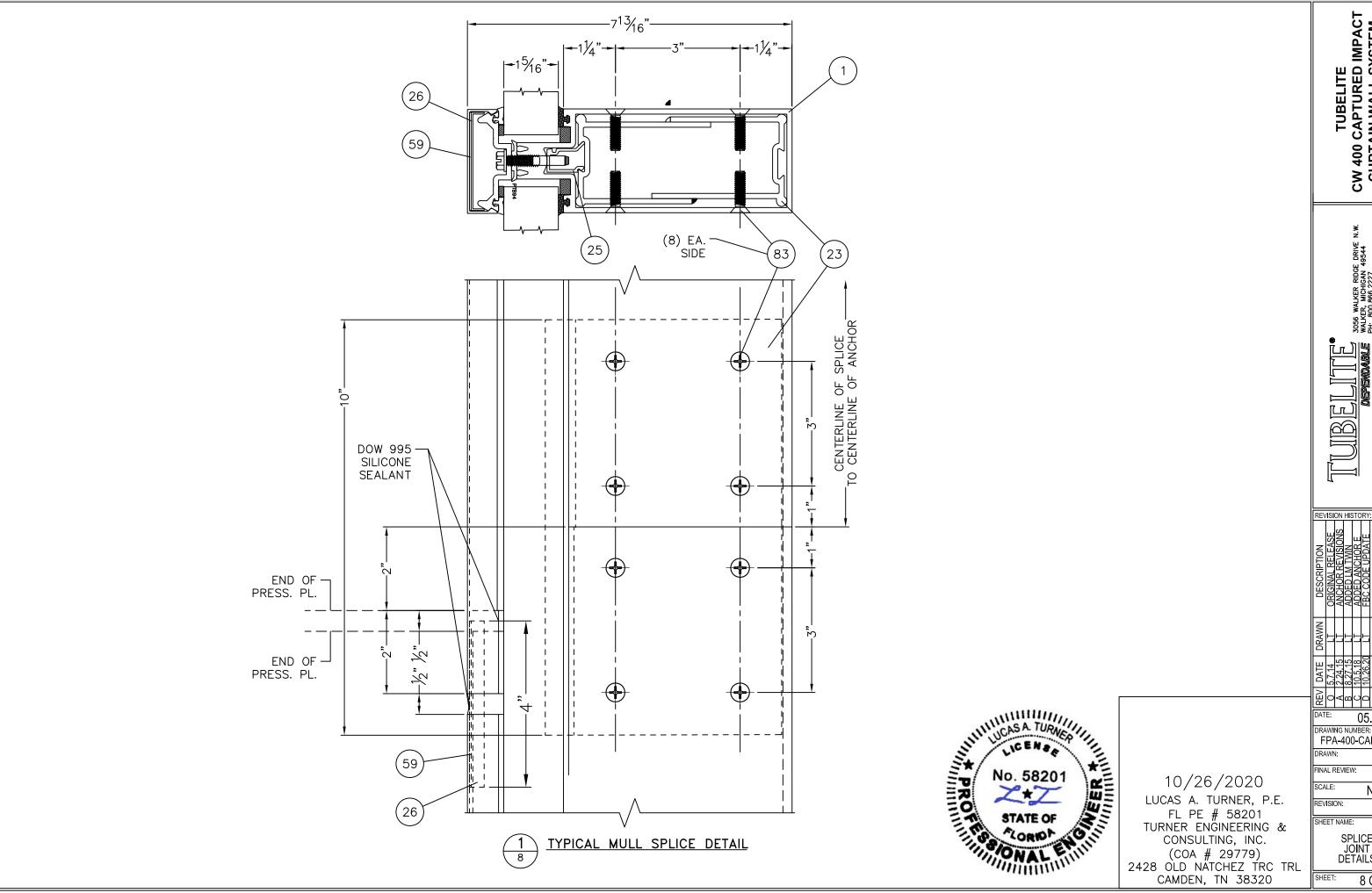




05.07.14







TUBELITE CW 400 CAPTURED IMPACT CURTAIN WALL SYSTEM



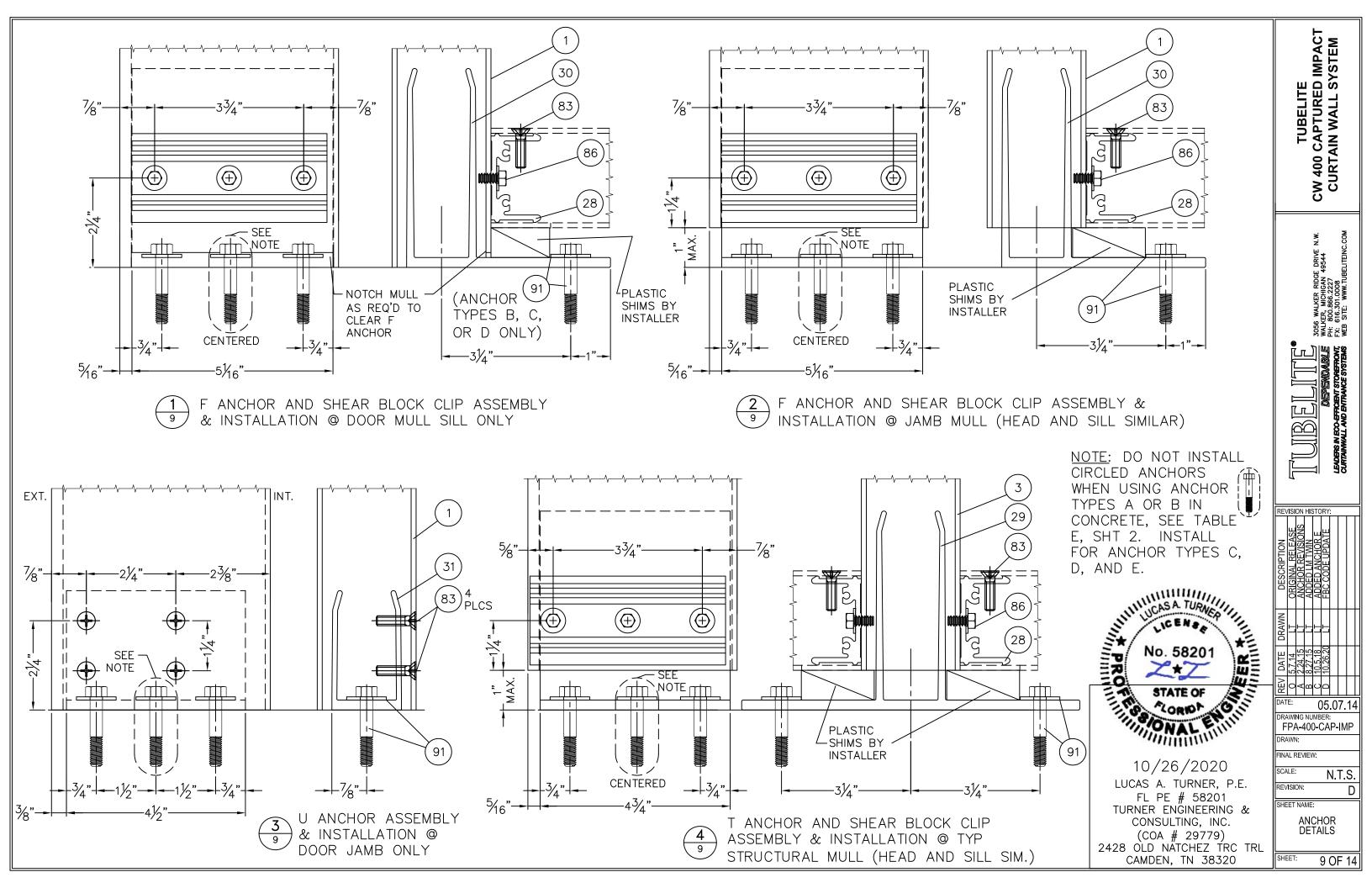
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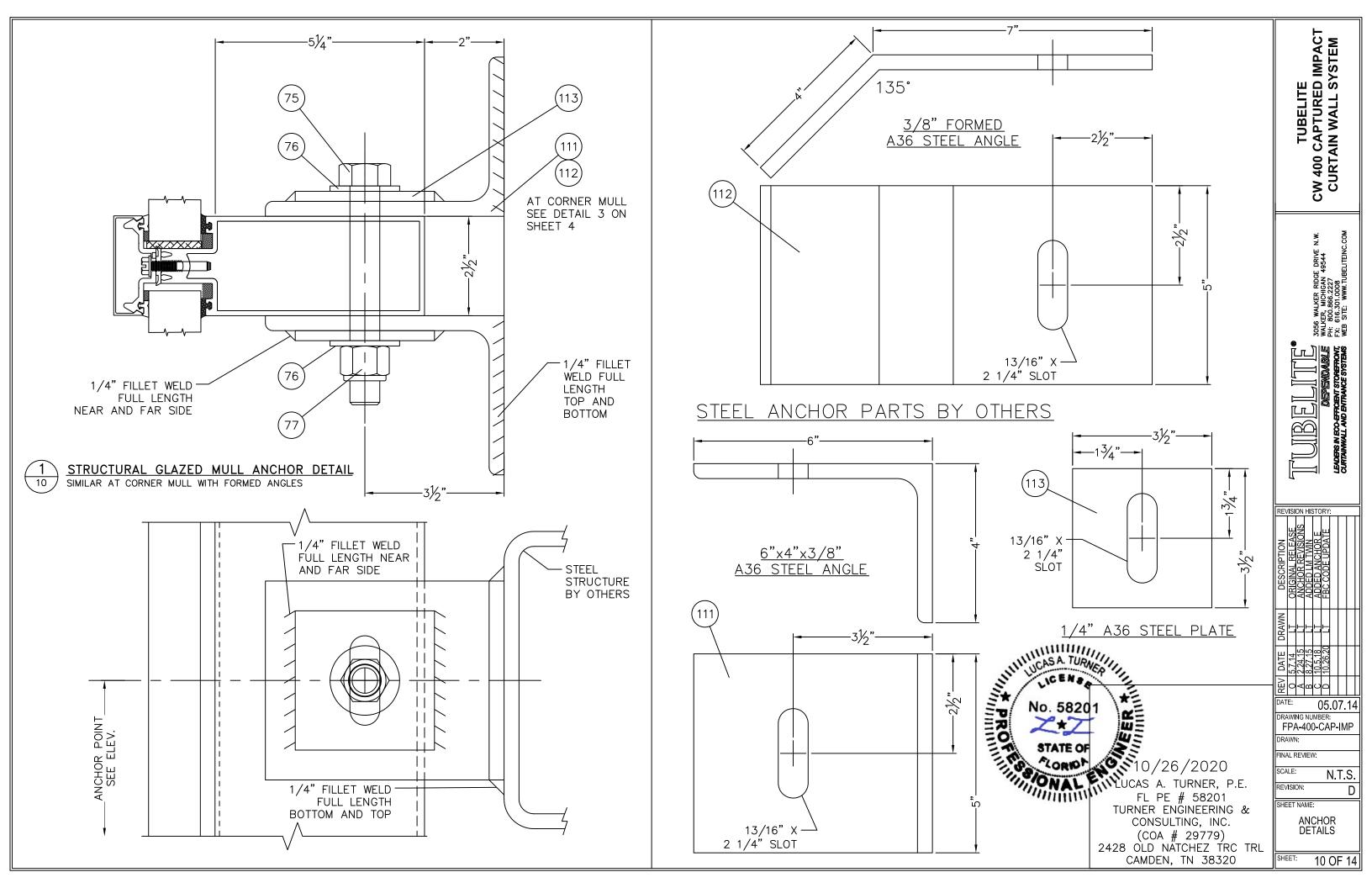
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FPA-400-CAP-IMP

N.T.S.

SPLICE JOINT DETAILS

8 OF 14



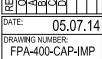






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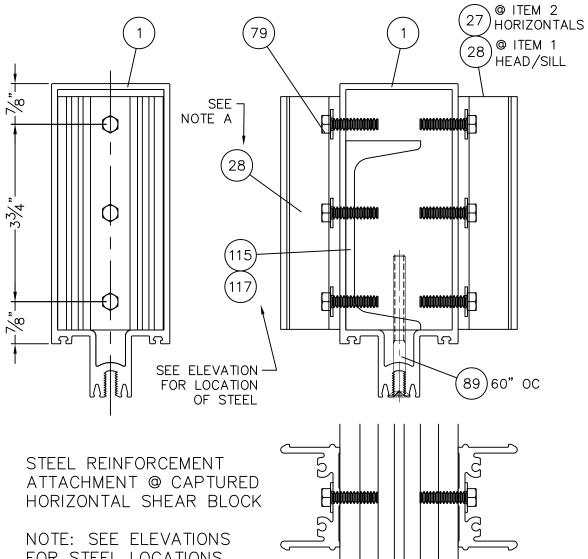
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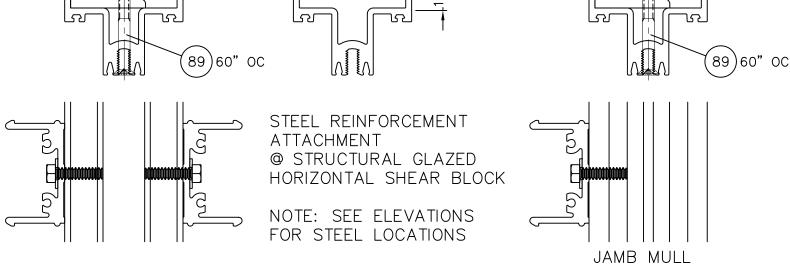
SCALE: N.T.S.

REVISION:

ASSEMBLY DETAILS

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@ ITEM 2 HORIZONTALS ,

@ ITEM 1 HEAD/SILL

(28

(86)

[115]

116

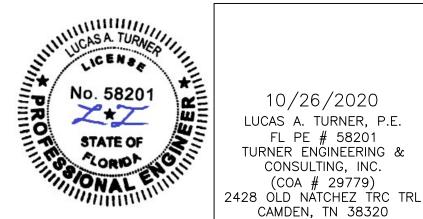
@ ITEM 2 HORIZONTALS

@ ITEM 1 HEAD/SILL

(28

(86)

FOR STEEL LOCATIONS



OUTSIDE CORNER MULL

10/26/2020

LUCAS A. TURNER, P.E.

FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.

CAMDEN, TN 38320



REVISION HISTORY



05.07.14 PRAWING NUMBER:
FPA-400-CAP-IMP

FINAL REVIEW:

No. 58201

No. 58201

STATE OF

CORPORATION

ONAL

10/26/2020

LUCAS A. TURNER, P.E.

FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRC TRL

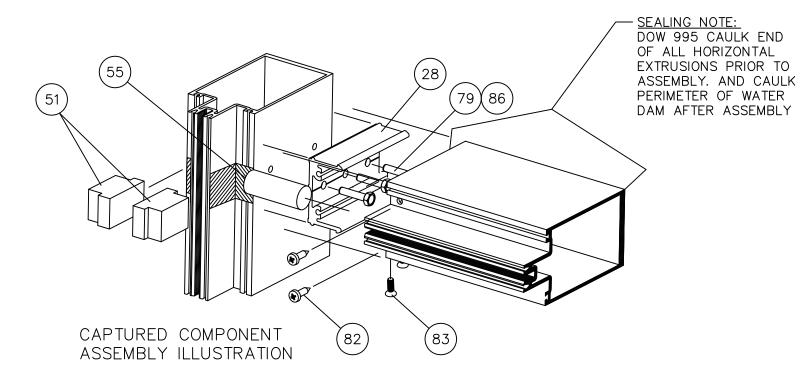
CAMDEN, TN 38320

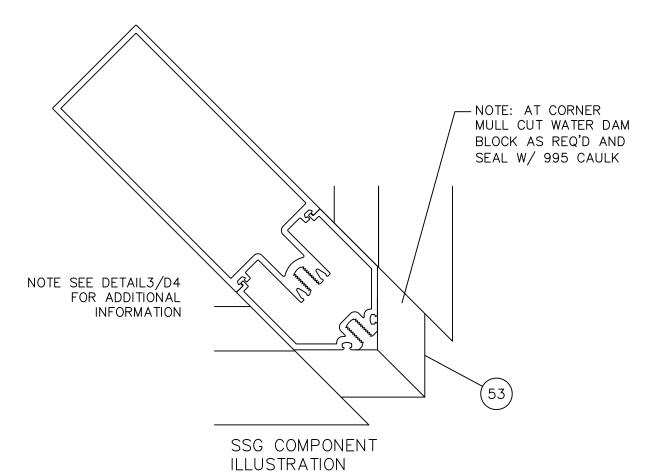
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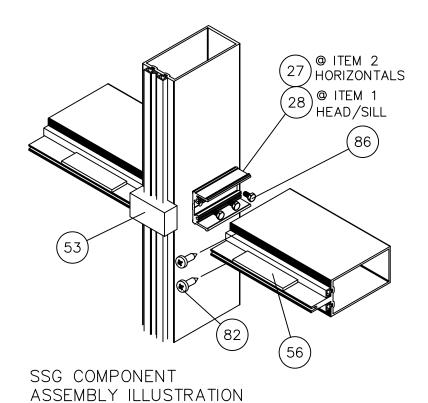
REVISION:

ASSEMBLY DETAILS

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(117) STEEL REINFORCEMENT ATTACHMENT @ ITEM 117 (89)6" oc

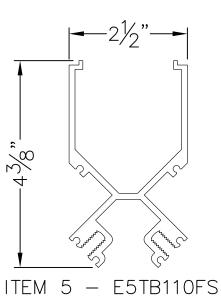
(24" LG CHANNEL)

05.07.14 PRAWING NUMBER:
FPA-400-CAP-IMP

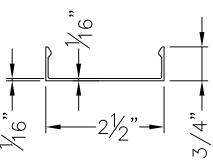
N.T.S.

PART DRAWINGS

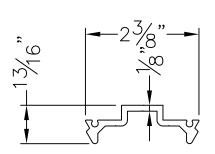
13 OF 14



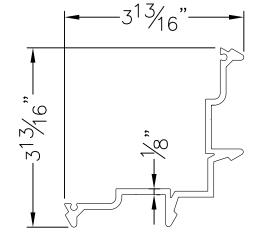
OUTSIDE CORNER CAPTURED CURTAINWALL ADAPTOR



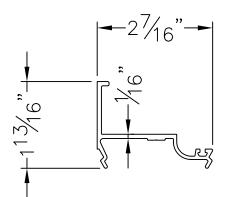
ITEM 6 - E4TB64FS COVER, FACE  $2-1/2 \times 3/4$ 



ITEM 8-E4TB102FS PRESSURE PLATE (1 5/16")



ITEM 9-E5TB250FS PRESSURE PLATE CORNER (1 5/16")



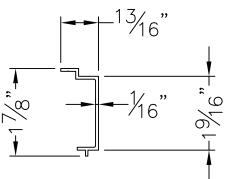
ITEM 1 - E55TB02FS CURTAINWALL TUBE

<del>-</del>2½"-

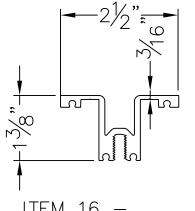
5/2"-

...8/59.

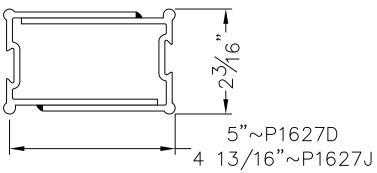
ITEM 10-E5TB251FS CURTAINWALL FILLER-PRESSUE PLATE (1 5/16")



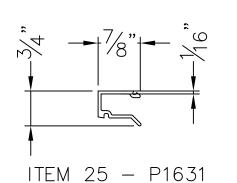
ITEM 13 - E6642FS GLAZING POCKET CLOSURE (1 5/16")



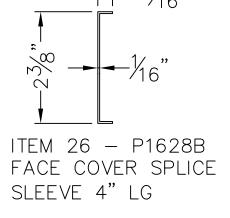
ITEM 16 -E4TB170FS SCREW APPLIED HORN

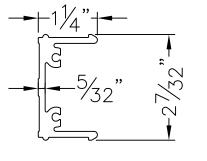


ITEM 23 & 24 P1627D ~ USE WITH ITEM 1 P1627J ~ USE WITH ITEM 3 MULL SPLICE 10" LG

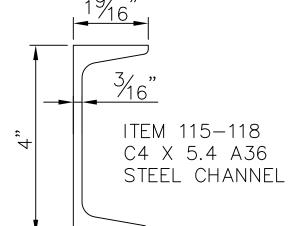


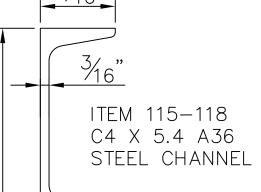
FILLER 10" LG

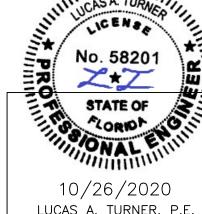




E4TB113 - EXTRUSION ITEM 27 - PTB59 ITEM 28 - PTB60 SHEAR BLOCK CLIP



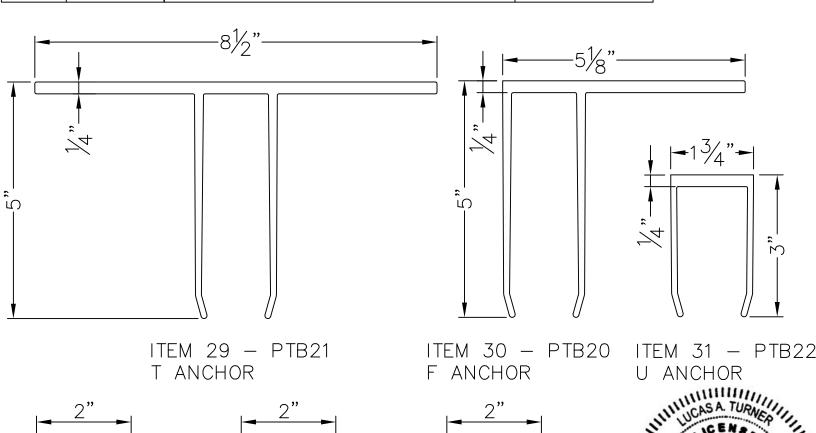


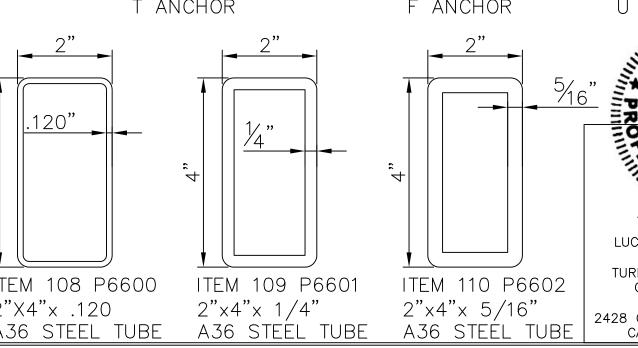


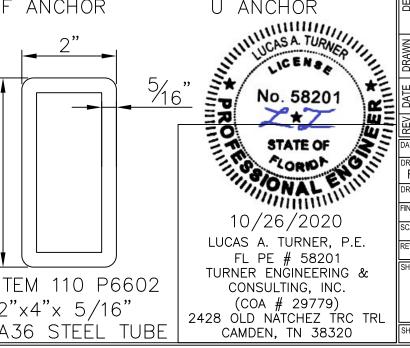
LUCAS A. TURNER, P.E. FL PE # 58201 TURNER ENGINEERING & CONSULTING, INC. (COA # 29779) 2428 OLD NATCHEZ TRC TRL CAMDEN, TN 38320

ITEM	PART NUMBER	DESCRIPTION	MATERIAL	ITEM	PART NUMBER	DE:
1	E55TB02FS	EXTRUSION, TUBE, NON—THERMAL	ALUMINUM - 6063-T6	99	BY OTHERS	DO
				100	BY OTHERS	DO
5	E5TB110FS	EXTRUSION, OUTSIDE CAPTURED CORNER	ALUMINUM - 6063-T5	101	BY OTHERS	3/
6	E4TB64FS	EXTRUSION, COVER, FACE, 2-1/2 X 3/4	ALUMINUM - 6063-T5	102	BY OTHERS	1 1
8	M4TB102FS	EXTRUSION, PRESSURE PLATE OFFSET (1 5/16")	ALUMINUM - 6063-T5	108	P6600	TU
9	E5TB250FS	EXTRUSION, OUTSIDE CORNER PRESS. PL (1 5/16")		109	P6601	TU
10	M5TB251FS	EXTRUSION, FILLER-PRESSURE PLATE (1 5/16")	ALUMINUM - 6063-T5	110	P6602	TU
				111	P6603	1A
13	E6642FS	EXTRUSION, GLAZING POCKET FILLER (1 5/16")	ALUMINUM - 6063-T5	112	P6604	FC
				113	P6605	PL
16	E4TB170FS	EXTRUSION, SCREW APPLIED HORN	ALUMINUM - 6063-T5	115	Docoo	<del>                                     </del>
0.7	D1007D	MULL COLLOS FOR ITEM 4	ALLINANIA COCZ TE	116	P6606 P6607	CH
23 24	P1627D	MULL SPLICE FOR ITEM 1  MULL SPLICE FOR ITEM 3	ALUMINUM - 6063-T5	117	P6607	CH CH
25	P1627J P1631	MULL SPLICE FILLER FOR ITEM 1	ALUMINUM - 6063-T5  ALUMINUM - 6063-T5	118	P6609	CH
26	P1628B	FACE COVER SPLICE SLEEVE	ALUMINUM - 6063-T5		1 1 0009	0
27	PTB59F	SHEAR BLOCK	ALUMINUM - 6063-T5			
28	PTB60F	SHEAR BLOCK	ALUMINUM - 6063-T5	- 		
29	PTB21A/B		ALUMINUM - 6063-T6	1 1	1	
30	PTB20A/B	ANCHOR, 'T' CUT & PRE-DRILLED. LG P/N A=4.761", B=5.053"  ANCHOR, 'F' CUT & PRE-DRILLED. LG P/N A=4.761", B=5.053"	ALUMINUM - 6063-T6	-	<b>V</b>	
31	PTB22	ANCHOR, 'U' CUT & PRE-DRILLED	ALUMINUM - 6063-T6	$\dashv$ $\top$		
	1 1022	ANCHON, O COT & FILE-DIVILLED	/\LOWINGIN GOOD TO	<b>⊣</b> f —	<u> </u>	
47	PTB42	WEEP BAFFLE	P-PART - FOAM	1		
48	PTB94	GASKET, THERMAL BARRIER, EPG (PRESSURE PLATE)	P-PART - RUBBER	1	<u>,</u> 4	
49	PTB28	GLAZING, FIXED, & THICK (CW)	P-PART - RUBBER	1	7	
50	PTB75	GASKET, STRUCTURAL GLAZING	P-PART - RUBBER	1		
51	PTB93	WATER DAM SINGLE POCKET	P-PART - RUBBER			
				$\Omega^{*}$		
53	PTB76A	WATER DAM 1"	P-PART - RUBBER	7		
55	P1094	ROD, ETHAFOAM ₹" DIA X 2" LONG	P-PART - FOAM			
56	P6550	BLOCK, SETTING, 3/16" x 1 5/16" x 4" LG	P-PART - SILICONE			
57	P6551	GLAZING TAPE 1/4 x 3/8 (THERMALBOND V2100 OR V2200)	P-PART - FOAM	_		
58	P6552	GLAZING TAPE 1/8 x 1/4 (THERMALBOND V2100 OR V2200)	P-PART - FOAM	<b>⊣</b> ♦		
59	BY OTHERS	TWO FACE TAPE	P-PART - FOAM	↓ <del>'</del> —		
	TDELLOG COT COO	CLATING TARE 4 /4 7 /0	B B187 50111		1	T [ 1 /
61	TREMCO SGT 922	GLAZING TAPE 1/4 x 3/8 GLAZING TAPE 1/8 x 1/4	P-PART - FOAM			TEM
62	TREMCO SGT 922	GLAZING TAPE 1/8 X 1/4	P-PART - FOAM		_	ΙΑ Τ
75	BY OTHERS	BOLT, 3/4-10 X 5 1/4 HEX HEAD CLASS 2A	P-PART - FASTENER			
76 76	BY OTHERS	3/4 FLAT WASHER	P-PART - FASTENER	-	2"	
77	BY OTHERS	3/4-10 HEX HEAD NYLOCK NUT	P-PART - FASTENER	-	<del></del>	
	S207	SCREW, 10-24 X 1 1/4 FLAT HEAD PHIL	P-PART - FASTENER	1 +		
	S328	SCREW, 1/4-20 X 1 HEX HEAD TYPE D (shear block)	P-PART - FASTENER	<b>-</b>	))	
/9	10000	John John John John John John John John		<b>∃     </b>	4.00,"	
79				┥     .	120"	_
82	S270	SCREW, 10-24 X $\frac{3}{4}$ PAN HEAD PHIL, SS (shear block)	P-PART - FASTENER	I II—		
	S270 S6505	SCREW, 10-24 X 3 PAN HEAD PHIL, SS (shear block)  SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blik & mull splice)	P-PART - FASTENER P-PART - FASTENER	<del> </del>		
82	<u> </u>	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)	P-PART - FASTENER			
82 83	S6505	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice) SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)	P-PART - FASTENER P-PART - FASTENER	- * <del>-</del>		
82 83 84	S6505 S359	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)	P-PART - FASTENER			
82 83 84 85	\$6505 \$359 \$191	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)	P-PART - FASTENER P-PART - FASTENER P-PART - FASTENER			
82 83 84 85 86	\$6505 \$359 \$191 \$139	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)	P-PART - FASTENER P-PART - FASTENER P-PART - FASTENER P-PART - FASTENER			
82 83 84 85 86 87	\$6505 \$359 \$191 \$139 \$369	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)  SCREW, 1/4-20 3/4 HEX HD TYPE CA (pres plate & subframe w/ shim)	P-PART - FASTENER			
82 83 84 85 86 87	\$6505 \$359 \$191 \$139 \$369 \$131	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)  SCREW, 1/4-20 3/4 HEX HD TYPE CA (pres plate & subframe w/ shim)  SCREW, 8-32 5/16 FLAT HEAD PHIL (lock face plate)	P-PART - FASTENER			
82 83 84 85 86 87 88	\$6505 \$359 \$191 \$139 \$369 \$131 \$155	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)  SCREW, 1/4-20 3/4 HEX HD TYPE CA (pres plate & subframe w/ shim)  SCREW, 8-32 5/16 FLAT HEAD PHIL (lock face plate)  SCREW, 1/4-20 X 3" FLAT HEAD PHIL (reinforcing steel)	P-PART - FASTENER	<u></u>		20
82 83 84 85 86 87 88 89	\$6505 \$359 \$191 \$139 \$369 \$131 \$155 \$6509	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)  SCREW, 1/4-20 3/4 HEX HD TYPE CA (pres plate & subframe w/ shim)  SCREW, 8-32 5/16 FLAT HEAD PHIL (lock face plate)  SCREW, 1/4-20 X 3" FLAT HEAD PHIL (reinforcing steel)  SCREW, 6-32 X 1-1/4 FLAT HEAD CLASS 2A (shear blk & mull splice)	P-PART - FASTENER	ITEM	1 108 P660	00
82 83 84 85 86 87 88 89	\$6505 \$359 \$191 \$139 \$369 \$131 \$155 \$6509	SCREW, 1/4-20 X 3/4 FLAT HEAD CLASS 2A (shear blk & mull splice)  SCREW, 1/4-20 1-1/2 HEX HD TYPE F (pres plate)  SCREW, 10-24 X ½ TRUSS HEAD PHIL (horiz mull & dr stop)  SCREW, 1/4-20 X ½ HEX HEAD TYPE B (shear blk & subframe no shim)  SCREW, 1/4-20 3/4 HEX HD TYPE CA (pres plate & subframe w/ shim)  SCREW, 8-32 5/16 FLAT HEAD PHIL (lock face plate)  SCREW, 1/4-20 X 3" FLAT HEAD PHIL (reinforcing steel)  SCREW, 6-32 X 1-1/4 FLAT HEAD CLASS 2A (shear blk & mull splice)	P-PART - FASTENER	ITEM		00

ITEM	PART NUMBER	DESCRIPTION	MATERIAL
99	BY OTHERS	DOW 795 SILICONE BUILDING SEALANT	
100	BY OTHERS	DOW 995 SILICONE SEALANT BLACK - STRUCTURAL GLAZING	
101	BY OTHERS	3/4 Ø BACKER ROD- STRUCTURAL GLAZING	
102	BY OTHERS	1 1/4 Ø BACKER ROD- STRUCTURAL GLAZING	
108	P6600	TUBE, 2"x4"x11 GA (.120) WALL (120" LG)	A36 STEEL
109	P6601	TUBE, 2"x4"x1/4" WALL (120" LG)	A36 STEEL
110	P6602	TUBE, 2"x4"x5/16" WALL (120" LG)	A36 STEEL
111	P6603	ANGLE 6"x4"x3/8"	A36 STEEL
112	P6604	FORMED ANGLE 7"x4"x3/8"	A36 STEEL
113	P6605	PLATE 3 1/2"x3 1/2"	A36 STEEL
115	P6606	CHANNEL C4x5.4 (84" LG)	A36 STEEL
116	P6607	CHANNEL C4x5.4 (198" LG)	A36 STEEL
117	P6608	CHANNEL C4x5.4 (24" LG)	A36 STEEL
118	P6609	CHANNEL C4x5.4 (120" LG)	A36 STEEL







REVISION HISTORY

DATE: 05.07.14

DRAWING NUMBER:
FPA-400-CAP-IMP

FINAL REVIEW:

SCALE: N.T.S.

REVISION:

BOM, PART DWGS

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