

GENERAL NOTES AND SPECIFICATIONS:

1. SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 & 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 2.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 2.

THIS DOOR'S ADEQUACY FOR WIND AND IMPACT LOAD HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203 AS PER FENESTRATION TESTING LABORATORY, INC. REPORT # 8974, AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE.

2. ALL COMPONENTS SHALL BE AS SPECIFIED ON APPLICABLE DETAIL SHEETS AND AT BILL OF MATERIALS (SHEET 5) OF THIS DRAWING.

3. COMPLIANCE OF EGRESS / ESCAPE REQUIREMENTS OF THESE DOORS PER FLORIDA BUILDING CODE TO BE DETERMINED BY BUILDING OFFICIALS ON A CASE-BY-CASE BASIS.

4. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.

5. ALL WELDING TO CONFORM W/AMERICAN WELDING SOCIETY A.W.S. D.1.3 AND D-19.0 REGULATIONS WITH E60XX ELECTRODES, FOR GALVANNEAL MATERIAL, AND W/AMERICAN WELDING SOCIETY A.W.S. D.1.6 REGULATIONS W/ E-308 ELECTRODES (FU=80k.s.i.) FOR STAINLESS STEEL MATERIAL

6. ALL ANCHORS FOR DOOR FRAME CONNECTIONS TO EXISTING STRUCTURE SHALL BE AS SPECIFIED ON SHEET 13 OF THIS DRAWING. MAXIMUM ANCHORS SPACINGS SHALL BE AS PER ELEVATIONS ON SHEET 3 OF THIS DRAWING.

7. PROVIDE MAX. LOAD BEARING SHIM SPACE AS INDICATED ON SHEET 13.

8. THIS DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

9. THESE DOOR ASSEMBLIES ARE APPROVED FOR WATER AND AIR INFILTRATION AS PER TESTING INDICATED ON GENERAL NOTE 1, AND SHALL BE LIMITED TO DESIGN PRESSURE RATINGS INDICATED ON SHEET 2.

10. PROVIDE SPECIFIED SEALANT AT ALL DOOR FRAME & THRESHOLD COMPONENTS INDICATED ON THIS DRAWING.

11. ALL EXISTING WALLS (STRUCTURE) WHERE DOOR IS TO BE INSTALLED MUST BE BUILT IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND SHALL BE DESIGNED TO SUSTAIN THE SUPERIMPOSED LOADS TRANSFERRED BY THE DOOR SYSTEM.

12. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO SUSTAIN THE SUPERIMPOSED LOADS TRANSFERRED BY THESE DOORS.

13. (a) THIS PRODUCT EVALUATION DOCUMENT (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 PRODUCT EVALUATION DOCUMENT (P.E.D) WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) ORIGINAL P.E.D SHALL BEAR THE DATE, SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

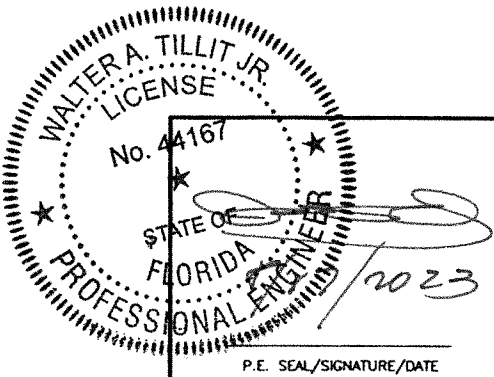
14. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

15. EXPANDED POLYSTYRENE CORE SHALL BE RIGID BOARD TYPE 1 PCF CONFORMING TO ASTM C578 BY DYPLAST PRODUCTS LLC, W/ CURRENT MIAMI DADE COUNTY PRODUCT CONTROL EVALUATION (NOA).

SHEETS CONTENT:

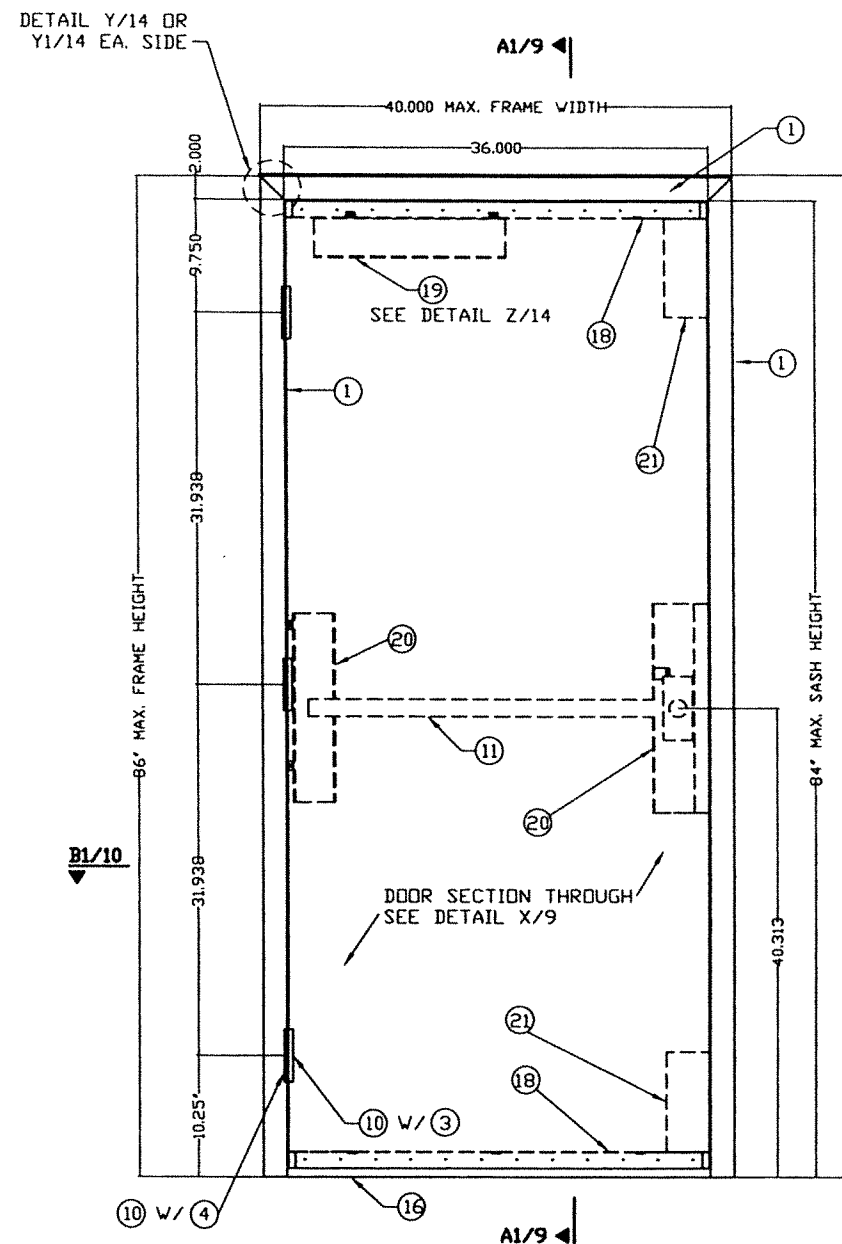
SHEET #1	INDEX, COVER SHEET & GENERAL NOTES.
SHEET #2	ASSEMBLY ELEVATIONS.
SHEET #3	ANCHOR ELEVATIONS.
SHEET #4	OPTIONAL EMBOSSED DOOR SLAB.
SHEET #5	BILL OF MATERIALS.
SHEETS #6-#8	COMPONENTS.
SHEET #9	VERTICAL SECTIONS.
SHEETS #10-12	HORIZONTAL SECTIONS AT HARDWARE.
SHEET #13	ANCHOR SECTIONS.
SHEET #14	DOOR SURFACE CLOSER REINFORCEMENT AND END CHANNEL ASSEMBLY DETAIL + CORNER DETAILS.

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

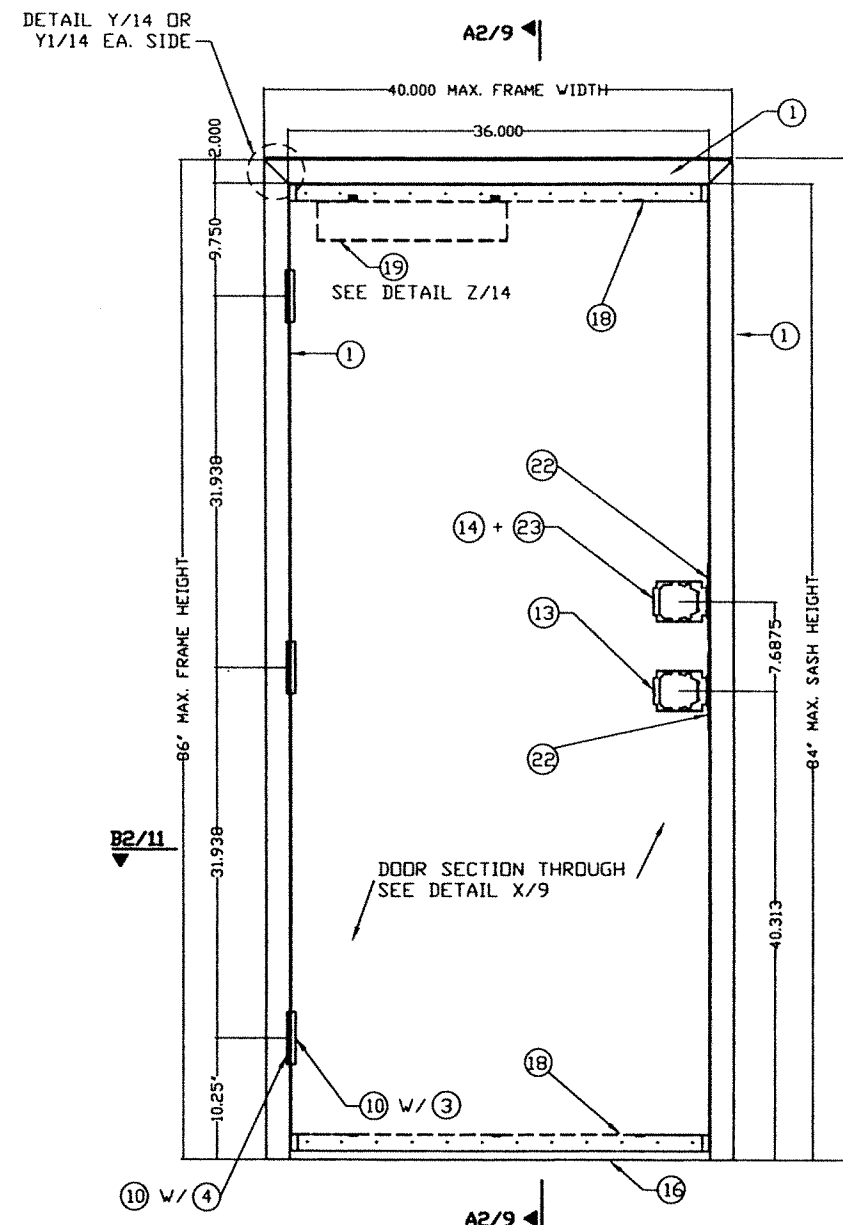


FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

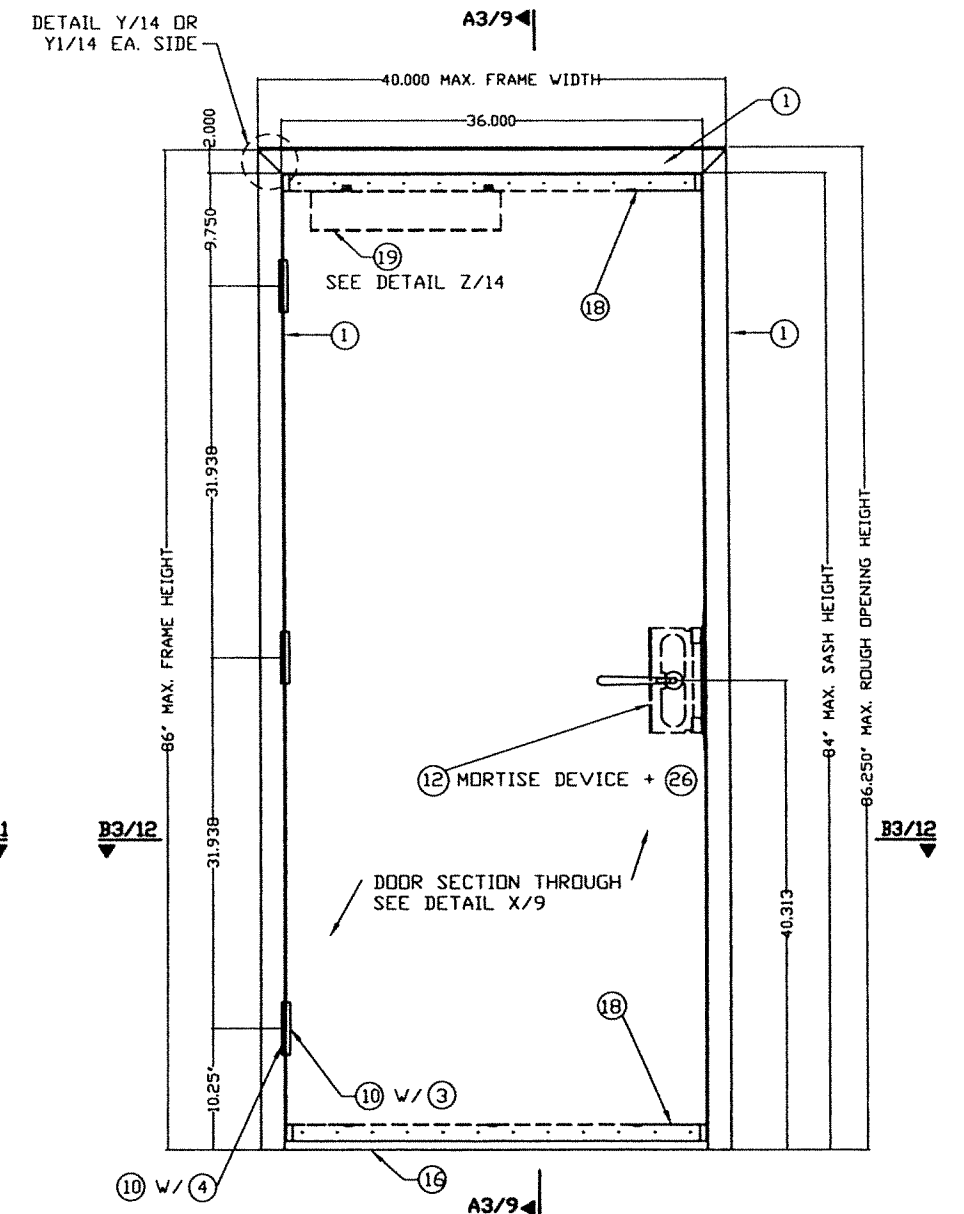
©2023 TILTECO, INC.		SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR W/SERIES "AS" 18GA STEEL FRAME		DRAWN BY: Y.M.	
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 Fax : (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		DAYBAR INDUSTRIES LTD 50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4 TEL: 905 625-8000 FAX: 905 625-4204		08/17/2023 DATE	
				23-182 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		
				SHEET 1 OF 14	



EXTERIOR ELEVATION (OUTSWING) DOOR
VON DUPRIN RIM EXIT

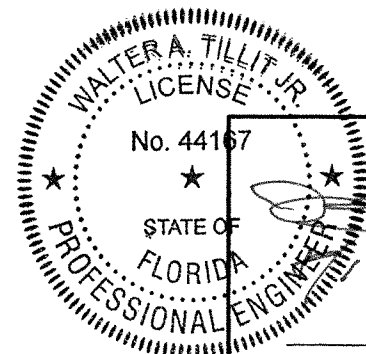


EXTERIOR ELEVATION (OUTSWING) DOOR
CYLINDRICAL LOCK + DEAD BOLT



EXTERIOR ELEVATION (OUTSWING) DOOR
MORTISE DEVICE

A.S.D. DESIGN LOAD
+75.0 psf, -75.0 psf



P.E. SEAL/SIGNATURE/DATE

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

©2023 TILTECO, INC.
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

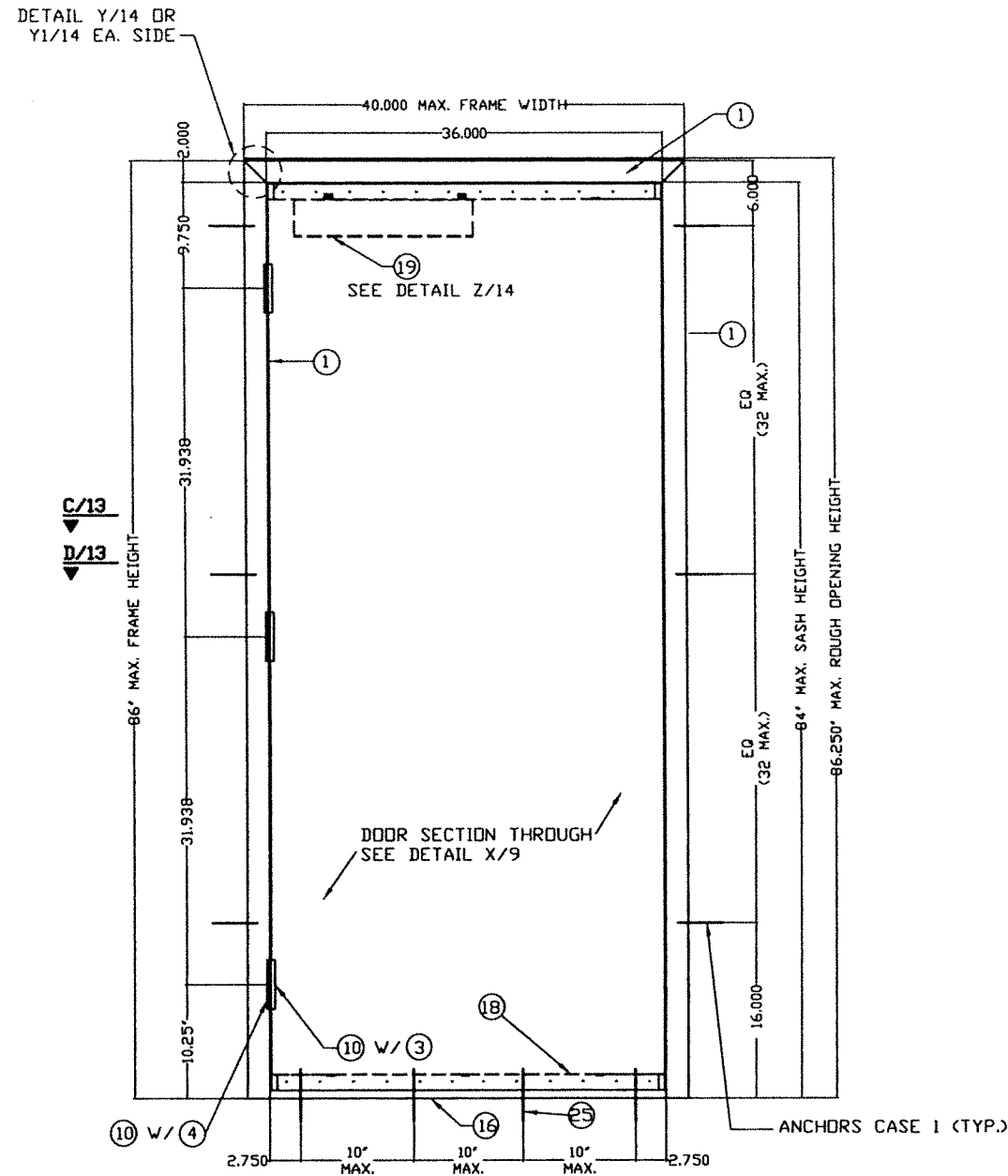
DRAWN BY:
Y.M.

08/17/2023
DATE

23-182
DRAWING No

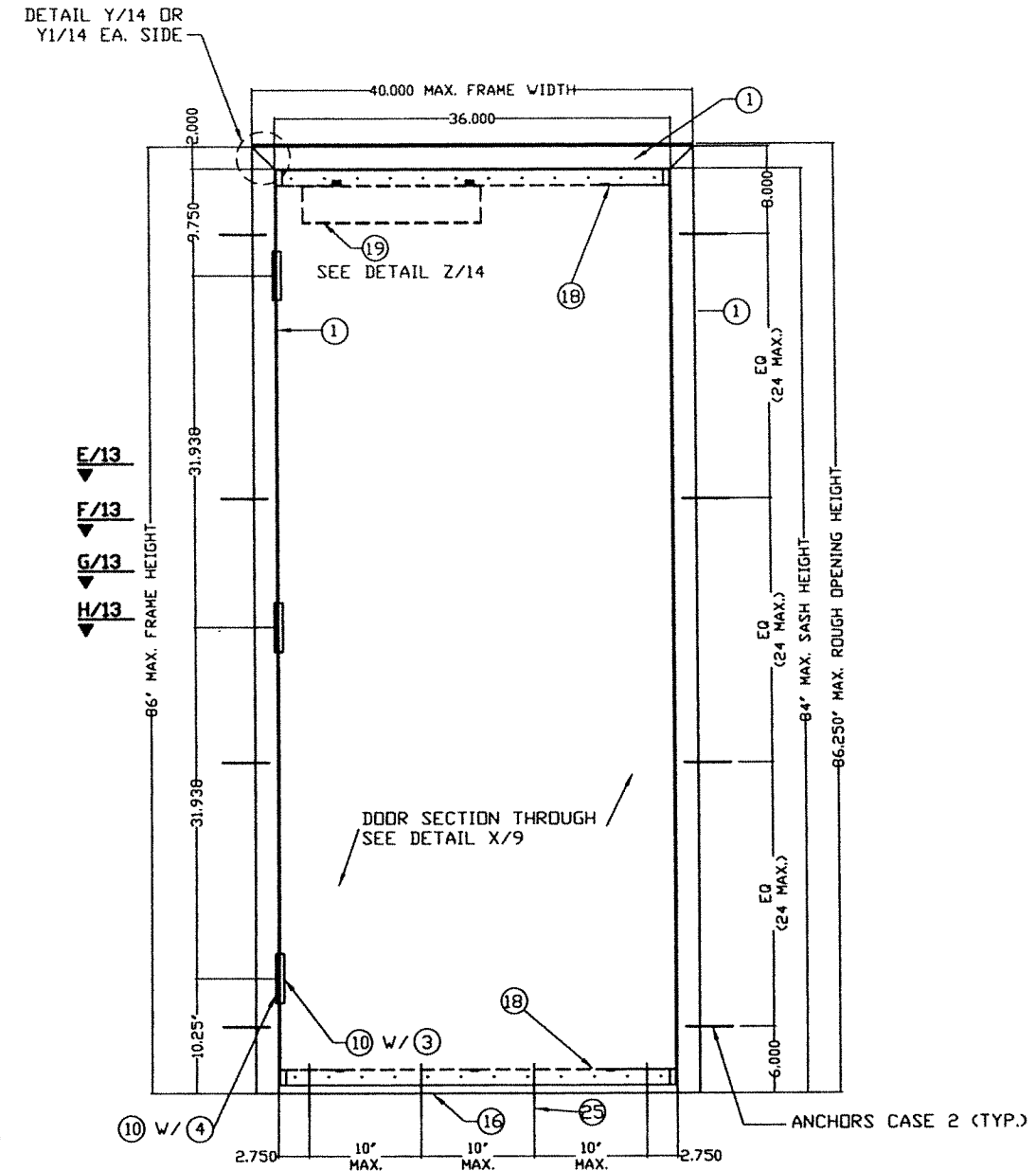
SHEET 2 OF 14

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

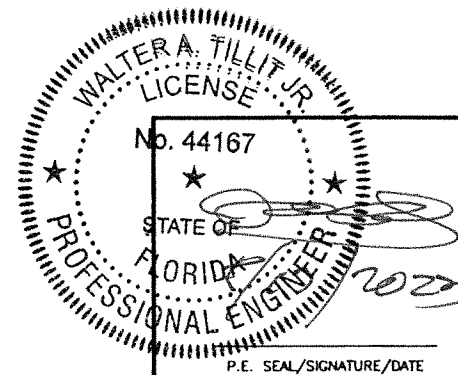


EXTERIOR ELEVATION (OUTSWING) DOOR
CASE 1 (SEE SHEET 13)

ANCHORAGE INSTALLATION DETAILS AT JAMBS



EXTERIOR ELEVATION (OUTSWING) DOOR
CASE 2 (SEE SHEET 13)



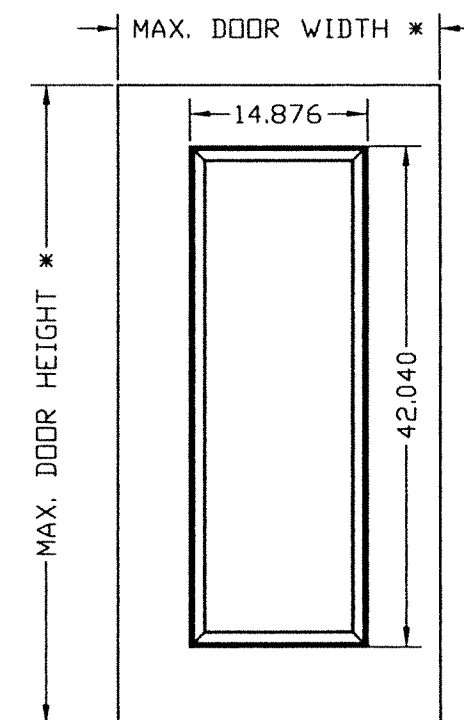
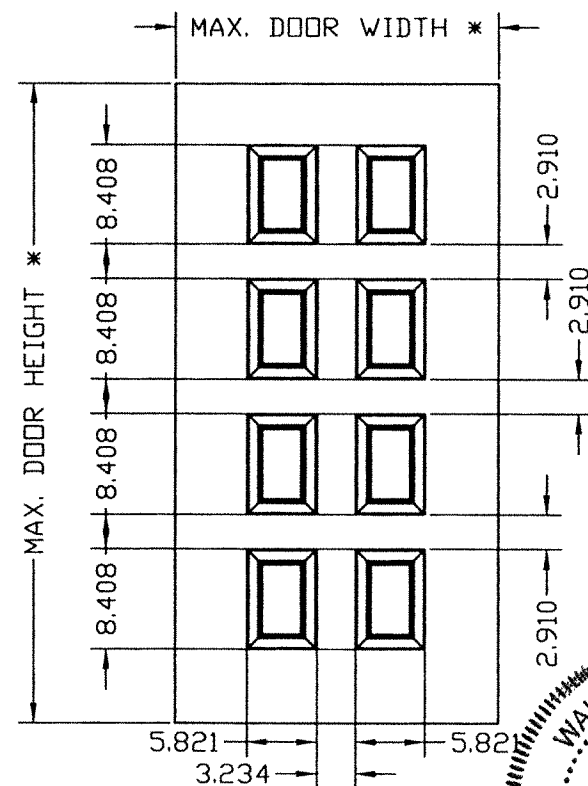
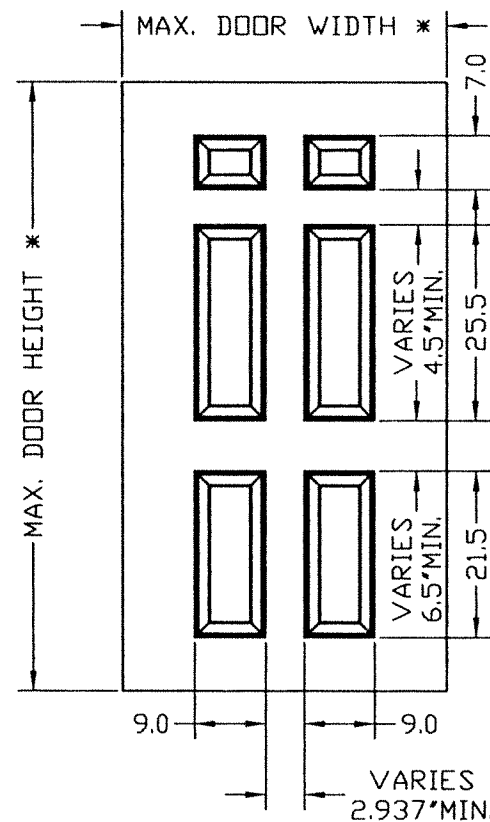
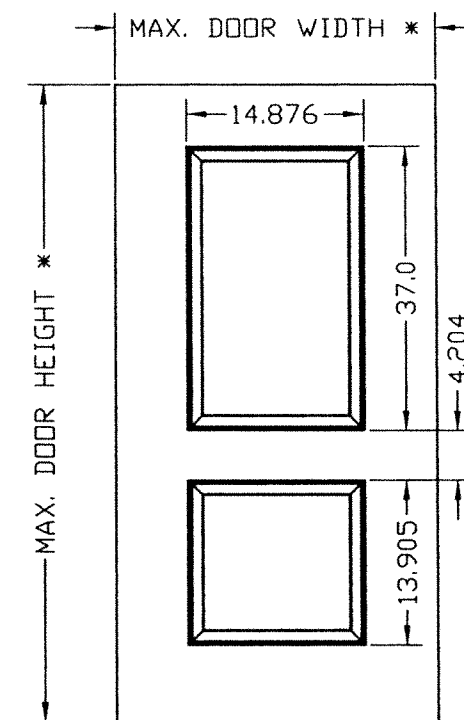
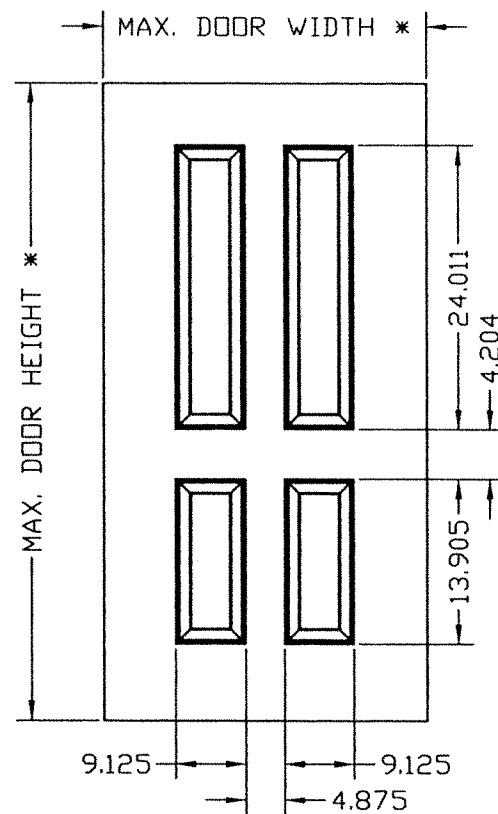
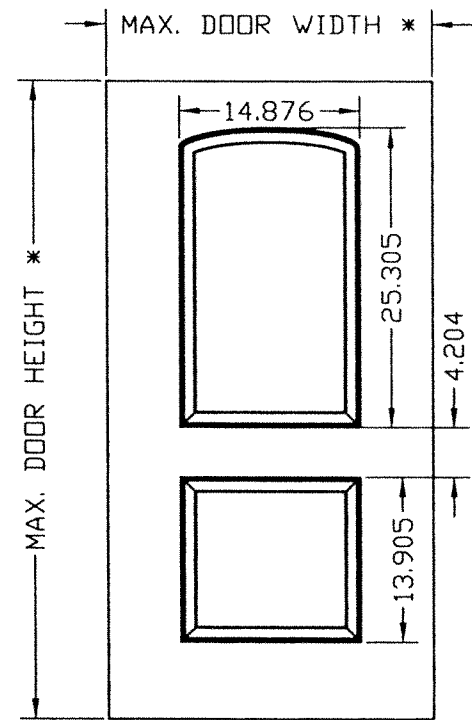
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

©2023 TILTECO, INC.

TILTECO inc.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1530 Fax: (305) 871-1531
e-mail: tilteco@aol.com
CA-0008719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR W/SERIES "AS" 18GA STEEL FRAME						DRAWN BY: Y.M.
DAYBAR INDUSTRIES LTD 50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4 TEL: 905 625-8000 FAX: 905 625-4204						08/17/2023 DATE
						23-182 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 3 OF 14
1	OLD 20-154	08/17/2023	3			
2			4			



* SEE SHEET 2

OPTIONAL EMBOSSED DOOR ELEVATIONS

STATE OF FLORIDA
WALTER A. TILLIT JR.
LICENSE
No. 44167

P.E. SEAL/SIGNATURE/DATE

2023 TILTECO, INC.

TILTECO INC.

TILT TESTING & ENGINEERING COMPANY
3550 W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1530 Fax: (305) 871-1531
e-mail: tiltco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

DRAWN BY:
Y.M.

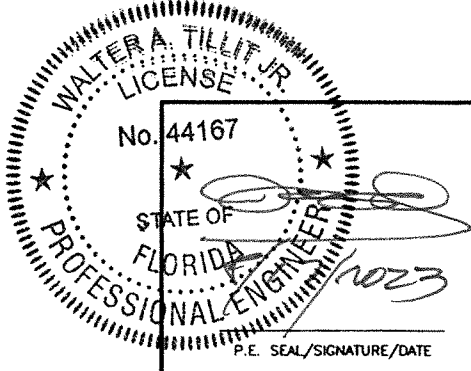
08/17/2023
DATE

23-182
DRAWING No

SHEET 4 OF 14

BILL OF MATERIALS OUTSWING DOOR:

ITEM	DESCRIPTION	BASIC DIMENSIONS, MATERIAL OR ADDITIONAL DETAILS
1, 1A	18 GAUGE WELDED FRAME	AS 5 3/4" JAMB DEPTH X 2" FACE X .042" MIN GALVANNEAL FOR ① (Fu=52Ksi, Fy=45Ksi) OR STAINLESS STEEL (Fu=94.9 Ksi, Fy=54.5 Ksi) FOR ①A, OF SAME DIMENSIONS
2	20 GAUGE FLUSH DOOR COMMERCIAL STEEL	1 3/4" THICK X (.032 MIN) GALVANNEAL (Fu=60Ksi, Fy=45Ksi); C/W PAPER HONEY COMB OR NDA APPROVED STYRENE OR 1.5 PCF POLYURETHANE OR 12.5 PCF MINERAL BOARD CORE
3	HINGE REINFORCINGS (DOOR)	1 1/4" X 10" X 10 GAUGE GALVANNEAL (.134 MIN)
4	HINGE REINFORCINGS (FRAME)	1 1/2" X 8 3/4" X 10 GAUGE GALVANNEAL (.134 MIN)
5	STRIKE REINFORCINGS (FRAME)	1 3/8" X 7 5/16" X 14 GAUGE GALVANNEAL (.072 MIN)
6	WIRE MASONRY FRAME ANCHOR	9 1/2" LONG X 10 GAUGE (.134 MIN) Fu=95.9 Ksi Fy=40.2 Ksi
7	2 PIECE SNAP-IN STUD ANCHOR	1 13/16" X 4 1/8" X 20 GAUGE GALVANNEAL (.032 MIN), SNAPPED TO ACHIEVE 5 5/8" TOTAL DEPTH
8	EMA ANCHOR BOLTS	3/8" X 5" STEEL UNICAN-SLEEVE ANCHOR, 2 1/4" EMBEDMENT & 3" MIN. E.D.
8A	EMA BUTTERFLY ANCHOR (PART #PT1-008)	18 GAUGE (.042") STEEL SATIN COAT
9	LAG SCREW	3/8"ØX6" LAG SCREW
10	HINGES-HAGER BB1191	4.5" X 4.5" STANDARD WEIGHT (.134 THICK)
11	RIM EXIT: VON DUPRIM 98/99 SERIES	N/A
12	MORTISE DEVICE: SCHLAGE L9000 SERIES	N/A
13	CYLINDRICAL LOCK: SCHLAGE D SERIES	N/A
14	DEAD BOLT: SCHLAGE B SERIES	N/A
15	WEATHER STRIP: NATIONAL GUARD PRODUCTS #120NA	SECURED WITH DOUBLE ROW OF #6 X 1/2" SMS SCREWS @ 1" FROM EA. END & BALANCE @ 4" O.C.
16	THRESHOLD: NATIONAL GUARD PRODUCTS #950NA	EXTRUDED ALUMINUM 6063-T6, 0.078" THK. W/ NEOPRENE BULB
17	CAULKING: GE SILICONE II	N/A
18	DOOR END CHANNEL REINFORCEMENT	16 GAGE GALVANNEAL STEEL
19	DOOR SURFACE CLOSER REINFORCEMENT	14 GAGE (.072" MIN.) x 3 1/2" x 1.6875 x 16.250" LONG. GALVANNEAL.
20	RP REINFORCING	14 GAGE (.072" MIN.) GALVANNEAL
21	RIM PANIC SURFACE BOLT REINFORCING	14 GAGE (.072" MIN.) GALVANNEAL
22	#161 LOCK EDGE REINFORCING	16 GAGE (.051" MIN.)
23	DEAD LOCK STRIKE TAB	14 GAGE (.072" MIN.) GALVANNEAL, ATTACHED TO STRIKE JAMB W/ (3) 1/8"Ø PROJECTION WELDS
25	THRESHOLD ANCHOR	1/4"Ø ULTRACONS BY ELCO CONSTRUCTION PRODUCTS, 1 3/4" MIN. EMBEDMENT & 3" MIN. E.D @ f'c=3Ksi CONCRETE SILL
26	MORTISE LOCK REINFORCEMENT	ANSI #A115.1 #86, 0.072"MIN.
28	Z ANCHOR	18 GAGE (.042") GALVANNEAL, W/ Fy= 33Ksi, Fu= 44Ksi
29	T STRAP ANCHOR DAYBAR # PT1-001A	18 GAGE (.042") GALVANNEAL, W/ Fy= 33Ksi, Fu= 44Ksi



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

©2023 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR W/SERIES "AS" 18GA STEEL FRAME					
DAYBAR INDUSTRIES LTD					
50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4 TEL: 905 625-8000 FAX: 905 625-4204					
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

DRAWN BY:
Y.M.

08/17/2023
DATE

23-182
DRAWING No

SHEET 5 OF 14

MATERIAL:
GAUGE 18 (0.042) MINIMUM
GALVANNEAL

MATERIAL:
GAUGE 18 (0.042) MINIMUM
STAINLESS STEEL

MATERIAL:
GAUGE 10 (0.134) MINIMUM
GALVANNEAL

MATERIAL:
GAUGE 10 (0.134" MINIMUM)
GALVANNEAL

MATERIAL:
GAUGE 12 (0,072 MINIMUM)
GALVANNEAL

STEEL WIRE ANCHORS
(0.134" DIA, 10 GAGE, 18 5/8"
EMBEDMENT LENGTH)
IN HORIZ.

CLIPIN STUD ANCHOR MATERIAL: GAUGE
20 (0.032) ASTM A-653,
GALVANNEALED STEEL.

LATERAL: 18 GA. (0.042") SATIN COAT

t=0.134" THICK

⑩ EXTRUDED ALUMINUM
THRESHOLD NGP #950NA
W/ NEOPRENE BULB

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

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

DRAWN BY:
Y.M.

8/17/2023
DATE

23-182
DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

SHEET 6 OF 14

©2023 TILTECO, INC.

TILECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355N.W. 36th. St. Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

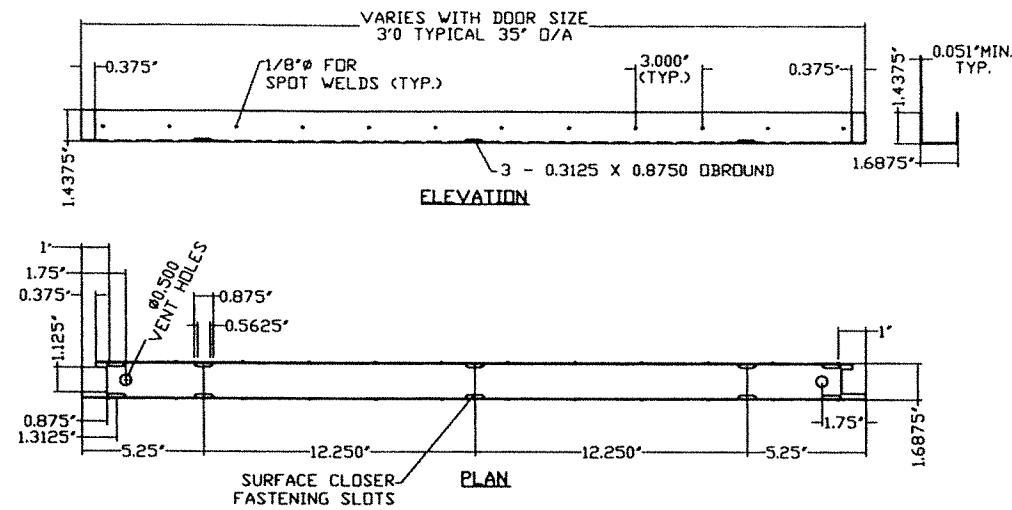
No. 44167

STATE OF

FLORIDA

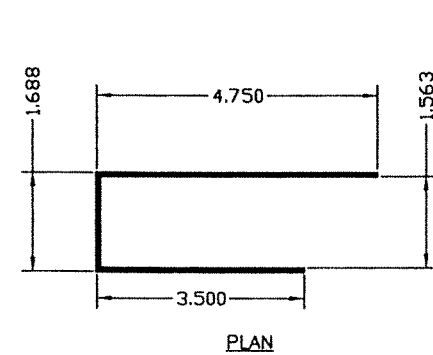
Science

~~SIGNAL~~
P.E. SEA

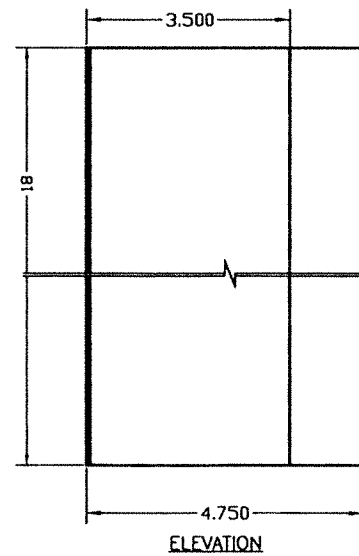


18 DOOR END CHANNEL REINFORCEMENT

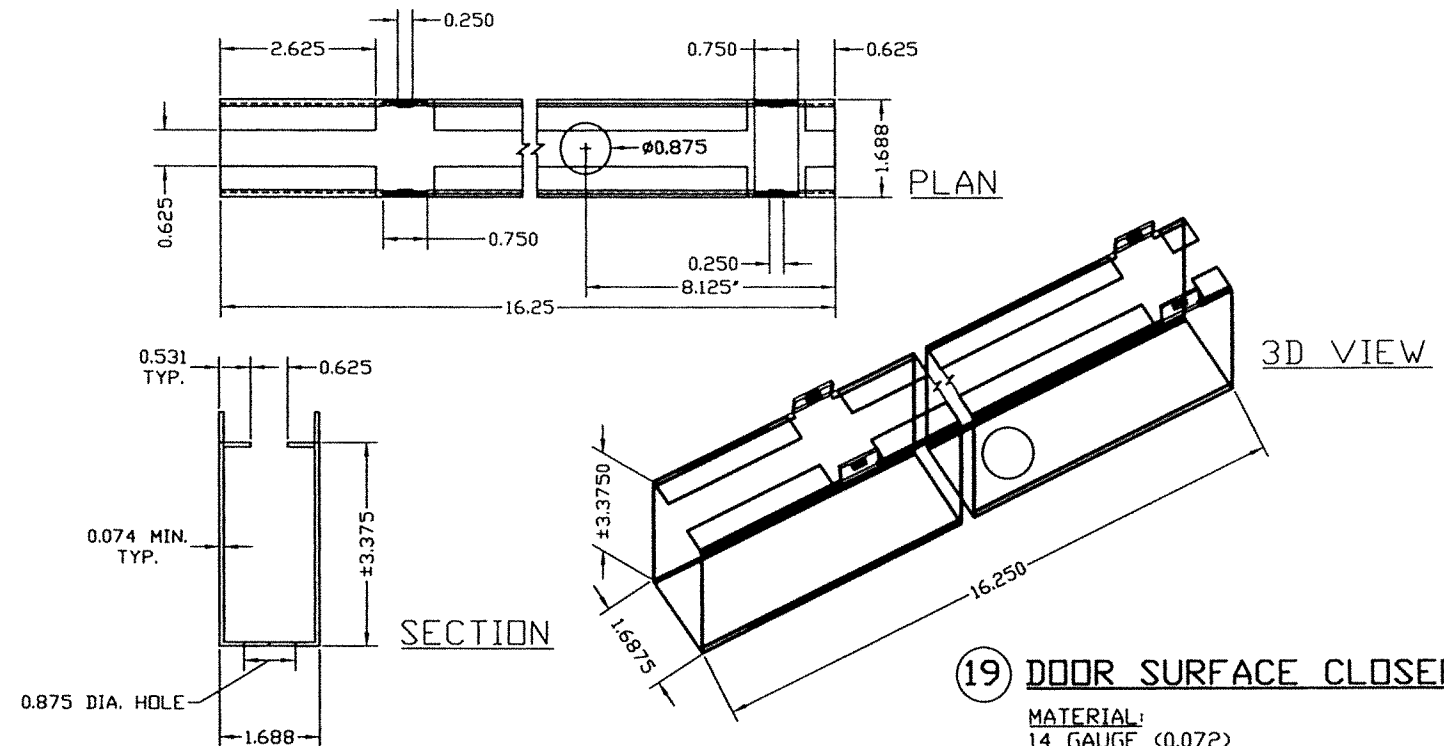
MATERIAL:
16 GAUGE (0.051) MINIMUM
GALVANNEAL



20 RP REINFORCING

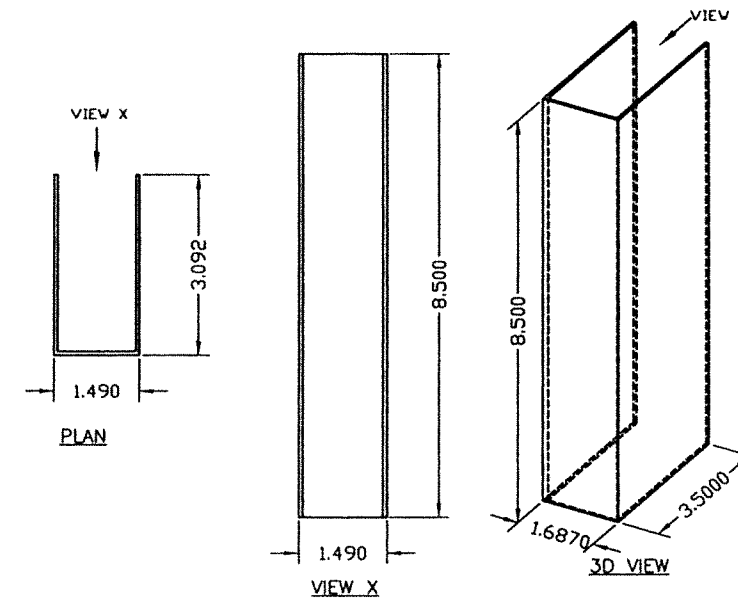


GAGE 14 (0.074) MINIMUM
RP REINFORCING
GALVANNEAL



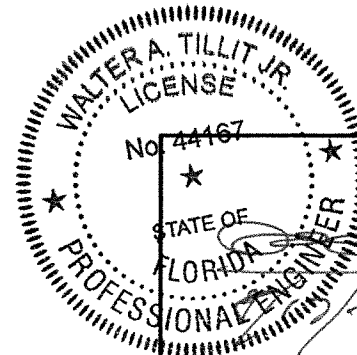
19 DOOR SURFACE CLOSER REINFORCING

MATERIAL:
14 GAUGE (0.072)
MINIMUM GALVANNEAL



21 RIM PANIC SURFACE BOLT REINFORCING

MATERIAL:
14 GAUGE (0.072) MINIMUM GALVANNEAL, GLUED TO DOOR AT HEAD
& SILL USING HEMILBOND 8320-1 CONTACT ADHESIVE.



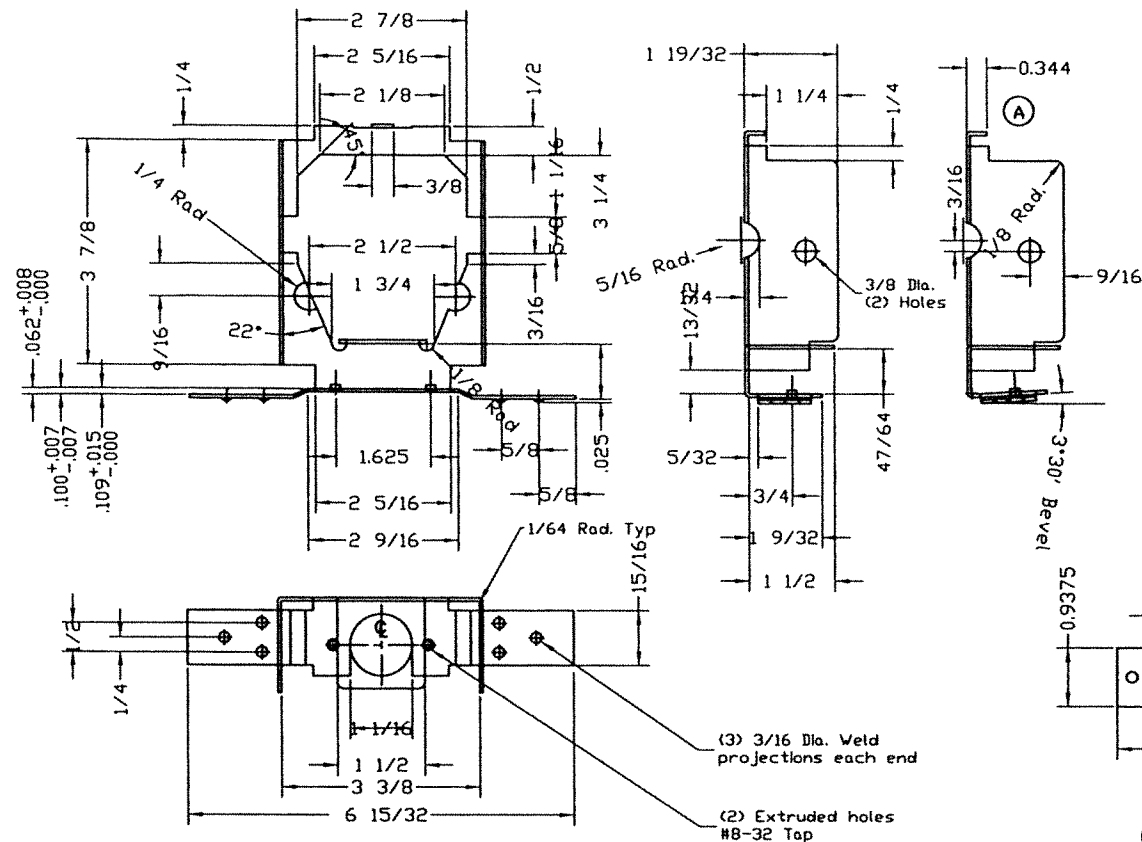
P.E. SEAL/SIGNATURE/DATE

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

©2023 TILTECO, INC.
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305) 871-1530, Fax: (305) 871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

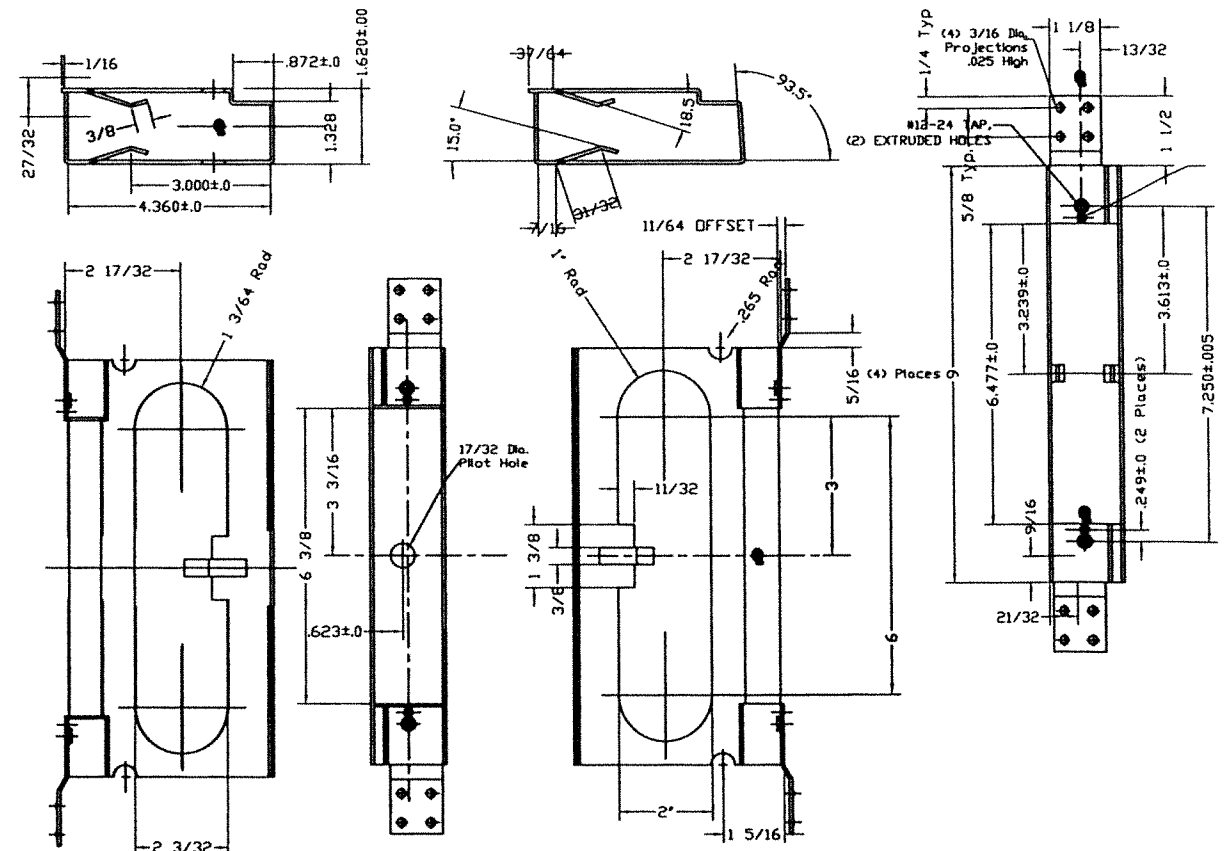
SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR W/SERIES "AS" 18GA STEEL FRAME			DRAWN BY: Y.M.		
DAYBAR INDUSTRIES LTD			08/17/2023 DATE		
50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4 TEL: 905 625-8000 FAX: 905 625-4204			23-182 DRAWING No		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

SHEET 7 OF 14

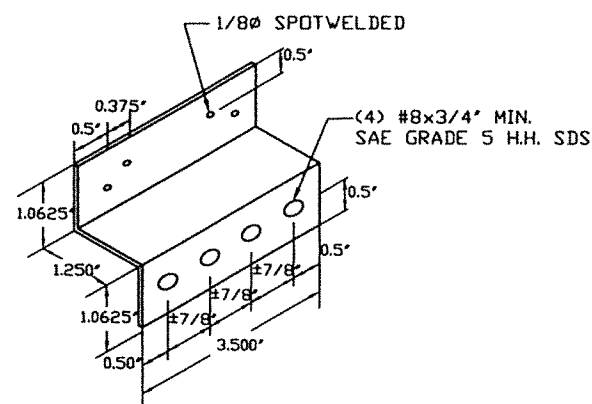


22 #161 LOCK REINFORCINGS
Material: 16 Ga (.051) MIN.

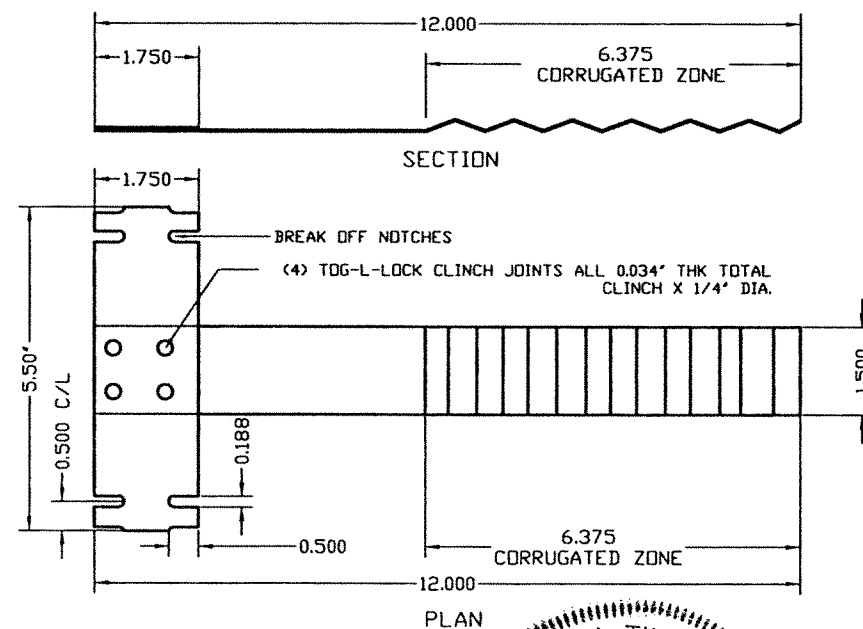
23 DEAD LOCK STRIKE TAB
14 GA (.072) MIN
ATTACHED TO STRIKE JAMB W/
(3) 1/8"Ø PROJECTION WELDS.



26 ANSI #A115.1 #86 MORTISE LOCK REINFORCEMENT
MATERIAL: 14GA. (.072) ELECTRO ZINC



28 Z ANCHOR
MINIMUM 18GA (.042"), GALVANNEAL



29 T STRAP ANCHOR
MINIMUM 18GA (.042"), GALVANNEAL

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

©2023 TILTECO, INC.

TILTECO Inc.

TILLIT TESTING & ENGINEERING COMPANY
6355N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530, Fax: (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

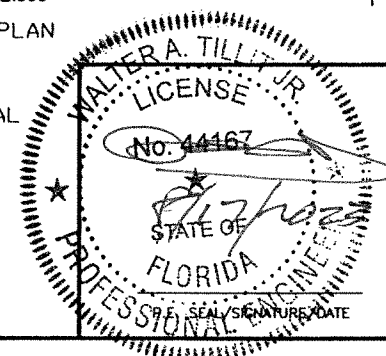
DRAWN BY:
Y.M.

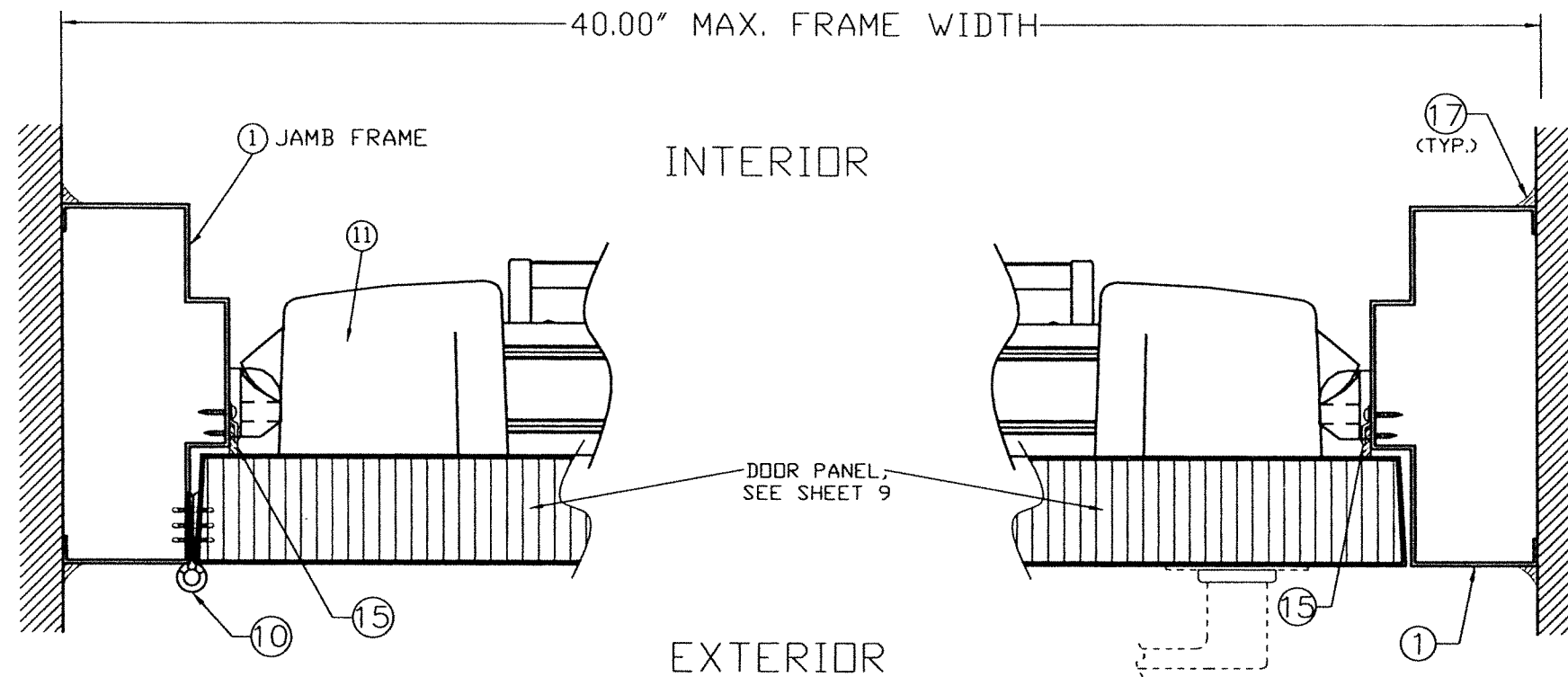
08/17/2023
DATE

23-182
DRAWING No

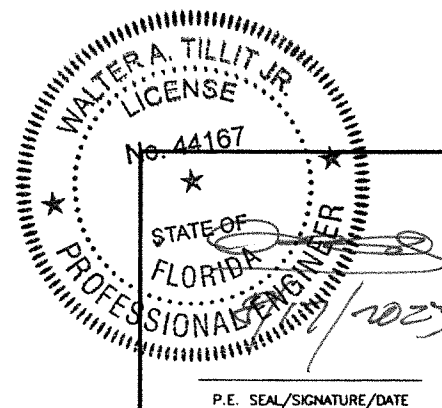
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

SHEET 8 OF 14





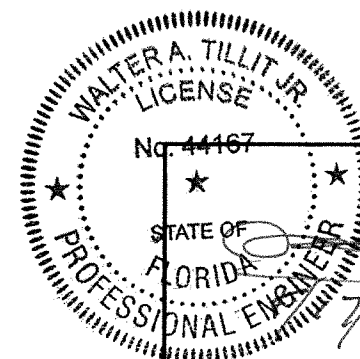
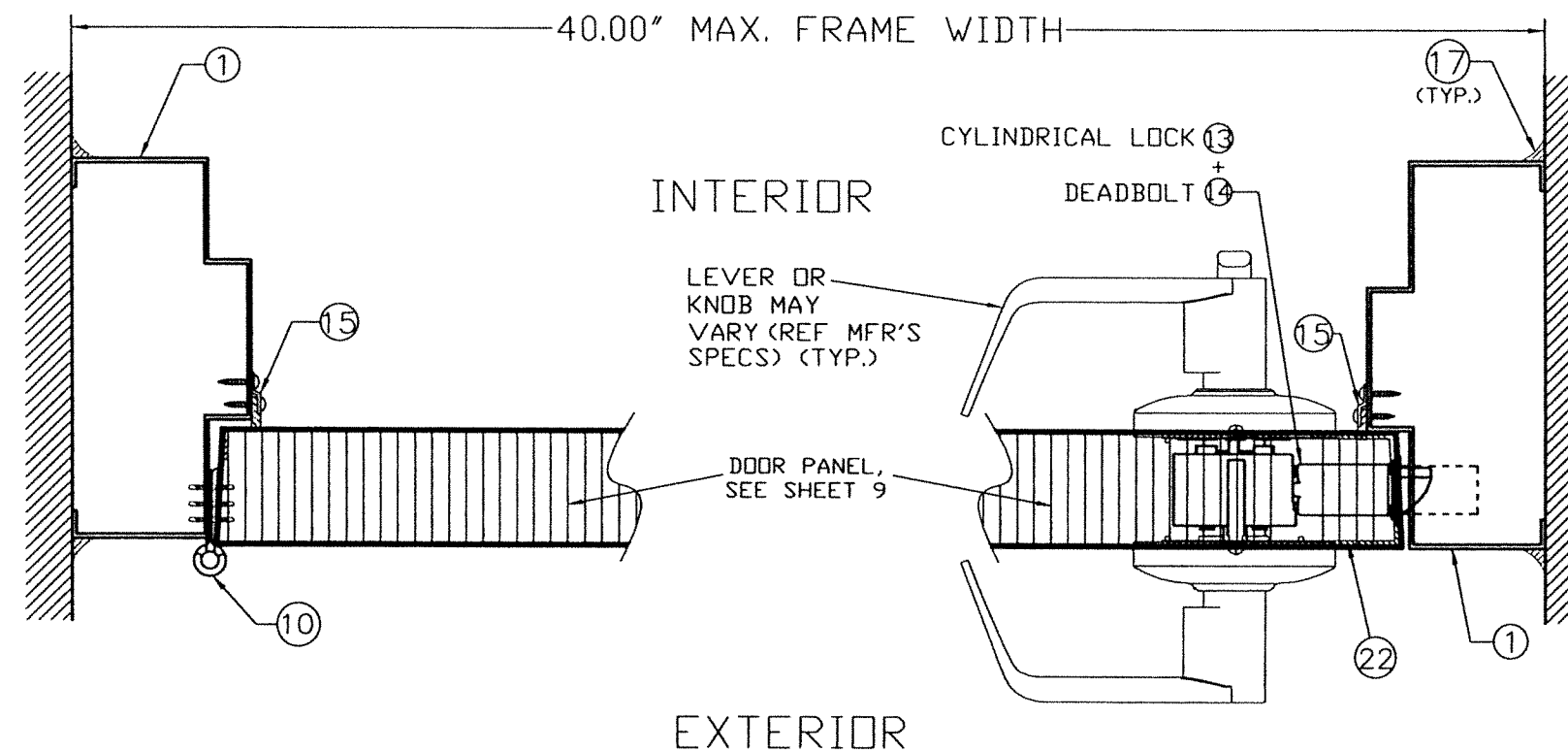
SECTION B1-B1



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

©2023 TILTECO, INC.
TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305) 671-1530 Fax : (305) 671-1531
 e-mail: tilteco@aol.com
 CA-0006719
 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL STEEL OUTSWING DOOR W/SERIES "AS" 18GA STEEL FRAME						DRAWN BY: Y.M.
DAYBAR INDUSTRIES LTD						08/17/2023 DATE
50 WEST DRIVE, BRAMPTON, ON CANADA, L6T 2J4 TEL: 905 625-8000 FAX: 905 625-4204						23-182 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
1	OLD 20-154	08/17/2023	3			
2			4			



P.E. SEAL/SIGNATURE/DATE

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

©2023 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305) 871-1530 . Fax : (305) 871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

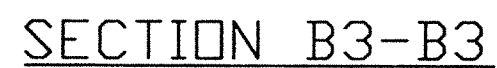
DRAWN BY:
Y.M.

08/17/2023
DATE

23-182
DRAWING No

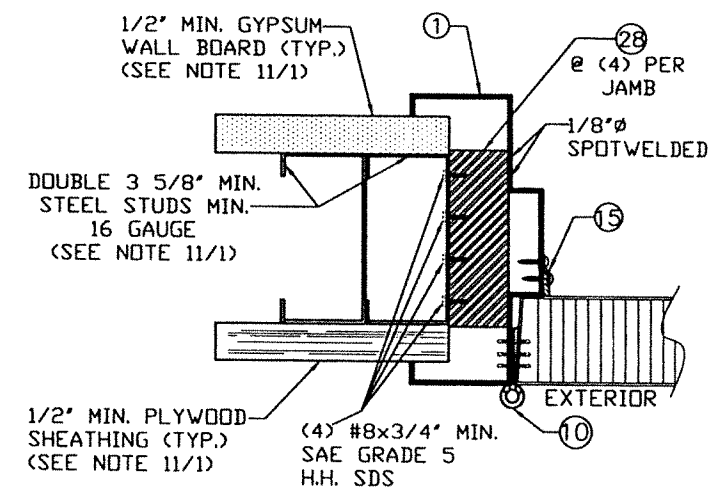
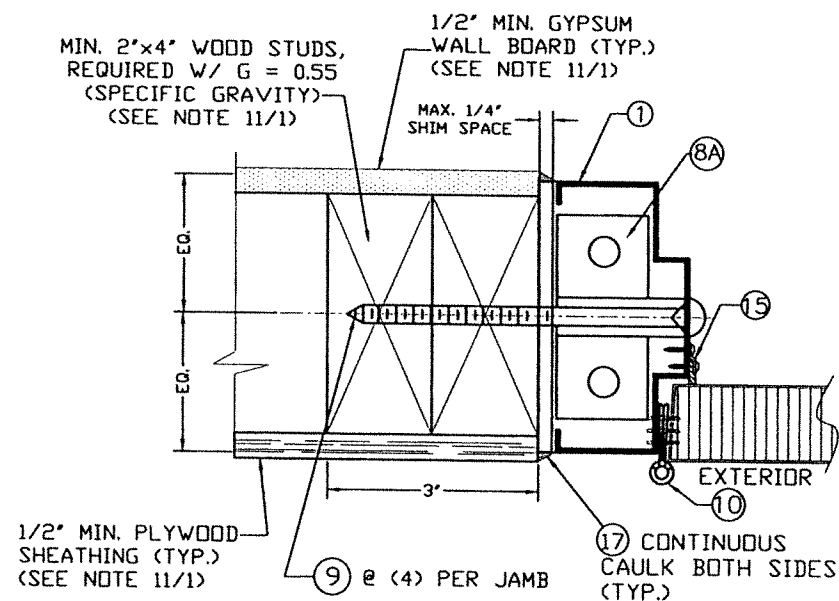
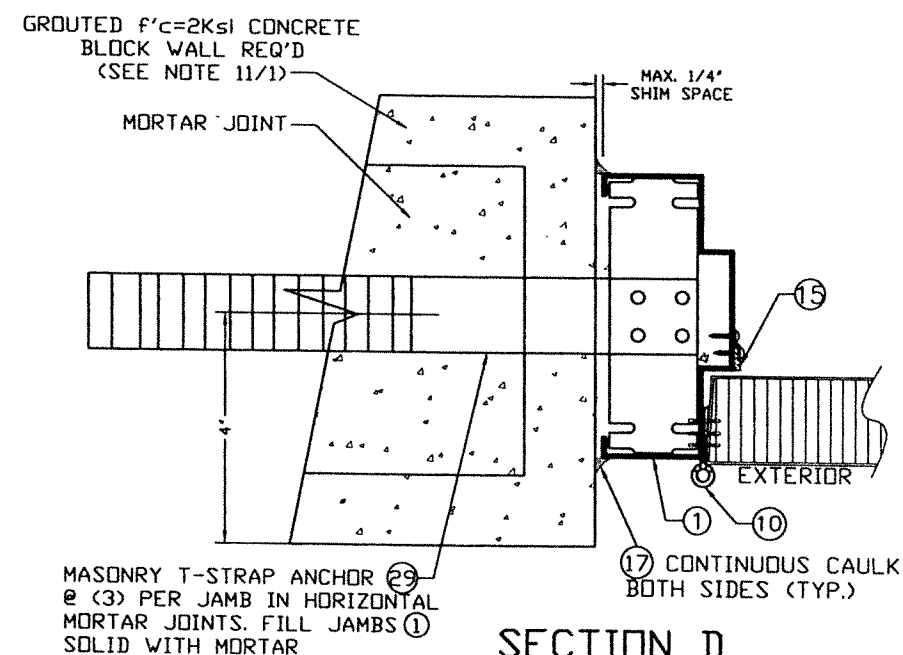
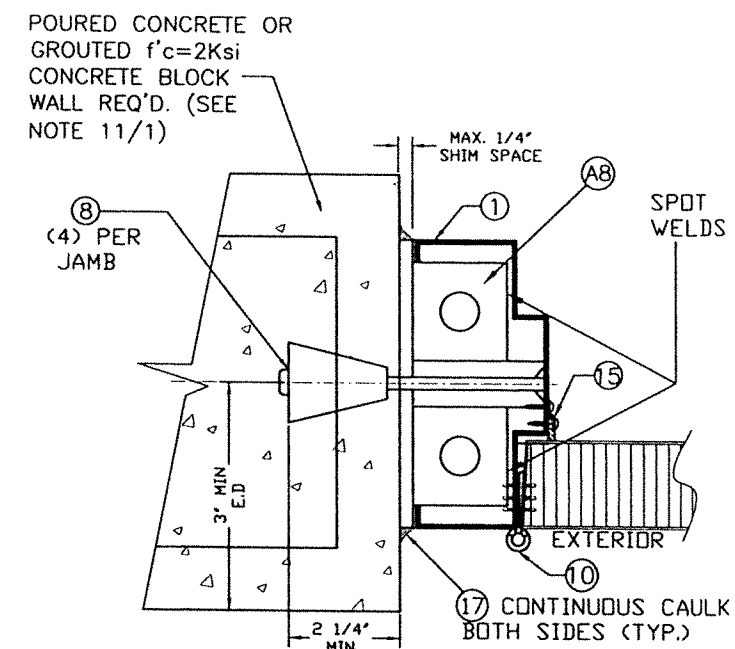
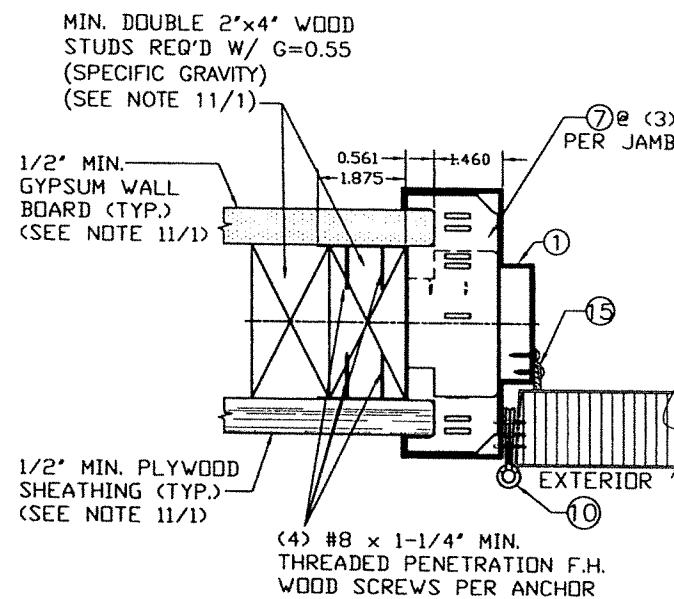
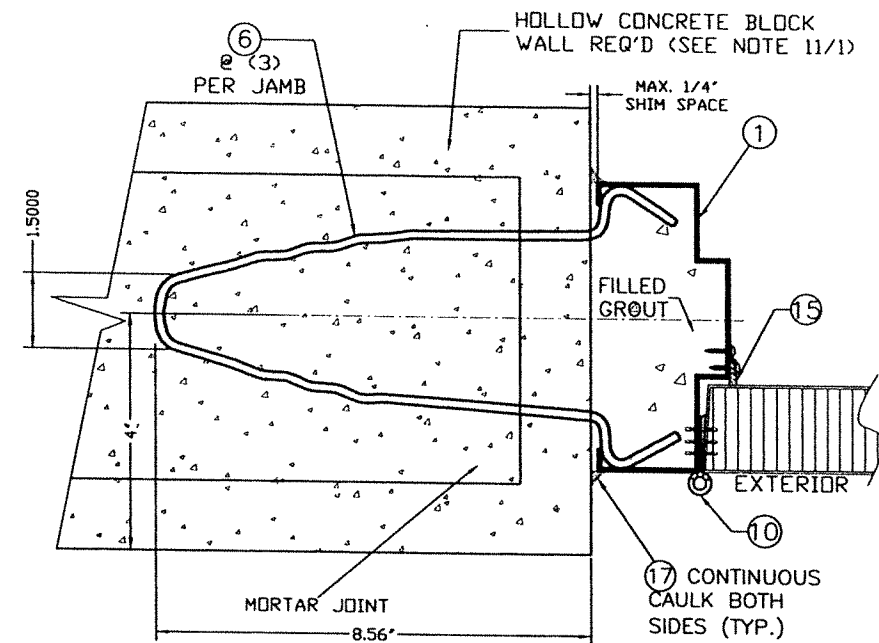
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

SHEET 11 OF 14



ET 12 OF 14

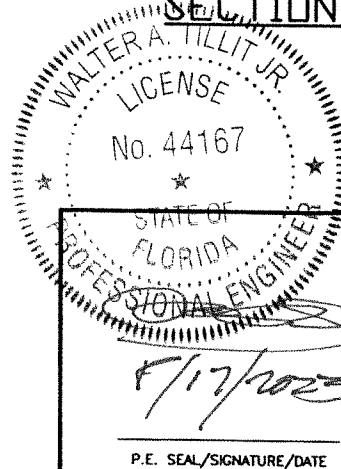
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		



CASE 1

CASE 2

ANCHORAGE DETAIL AT JAMBS



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

©2023 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33167
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

DRAWN BY:
Y.M

08/17/2023
DATE

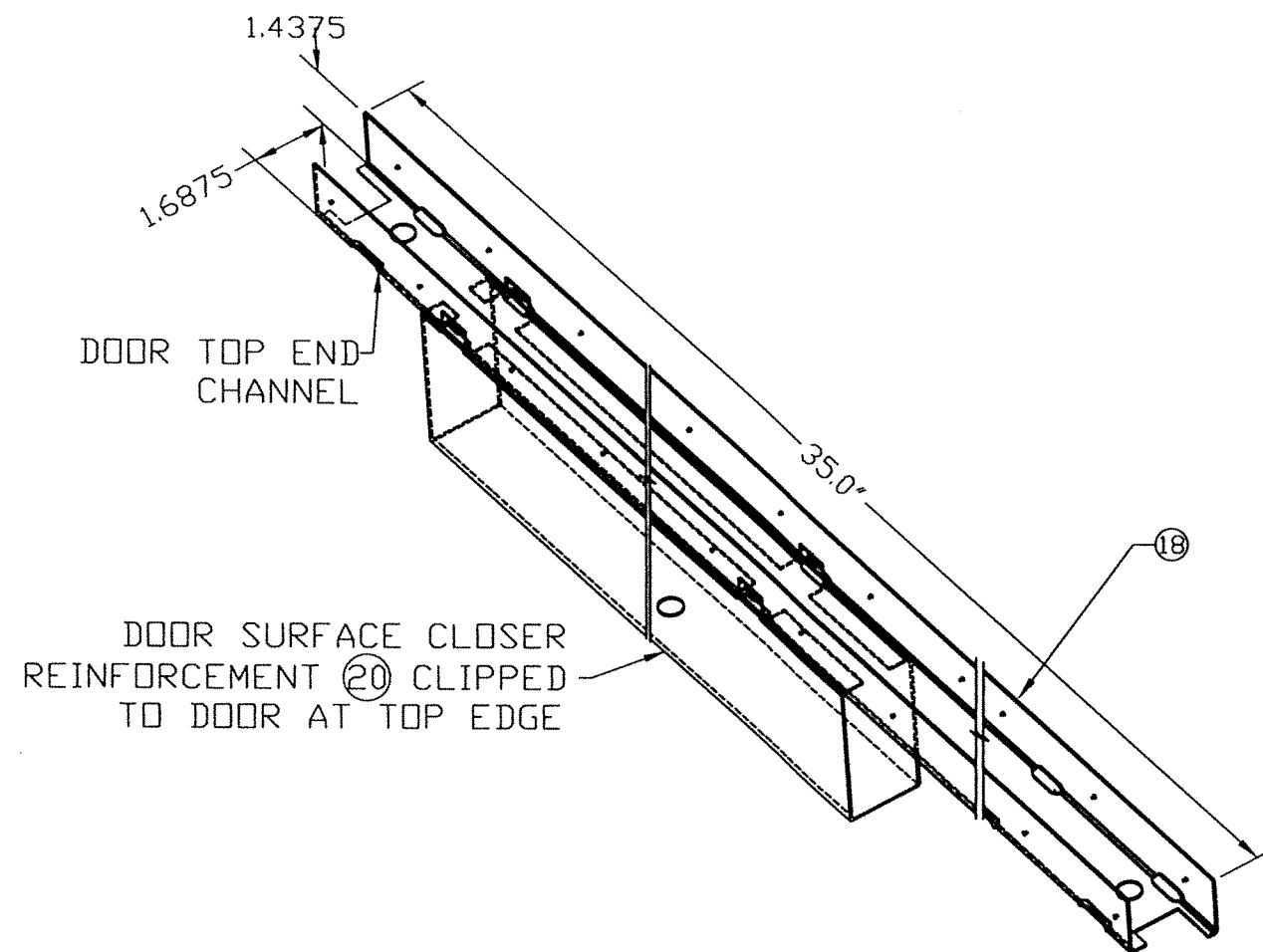
23-182
DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		

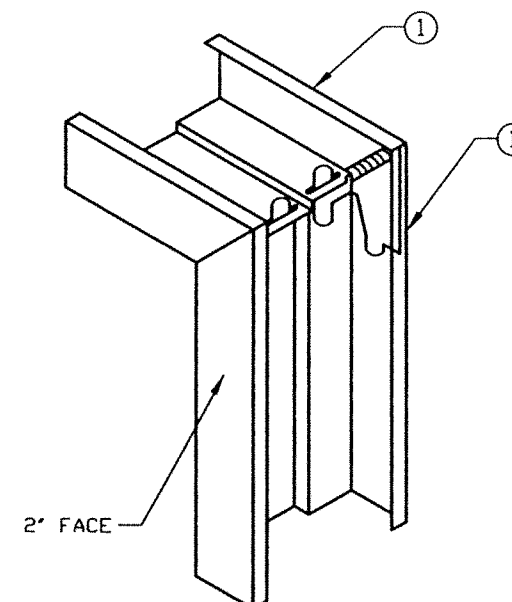
DRAWING No.

SHEET 13 OF

SHEET 13 OF 14

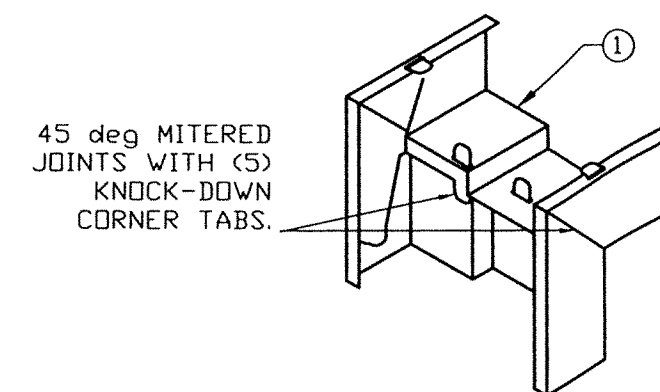


DOOR SURFACE CLOSER REINFORCEMENT (20)
AND END CHANNEL (18) ASSEMBLY DETAIL
DETAIL Z



1. DIEMITERED CORNER CONT. WELDED INSIDE FACES & AT RETURNS
2. CAULK COMPLETE INSIDE CORNER WITH GE SILICONE II (17)

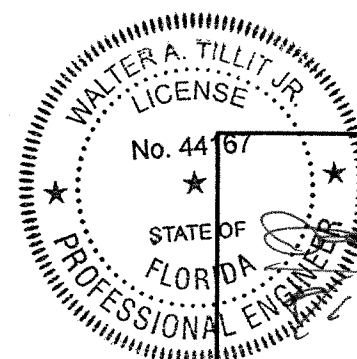
DETAIL Y



FRAME CORNER:
KD 3 PIECE ASSEMBLED
AND CAULKED W/ (17)

DETAIL Y1

CORNER DETAILS Y, Y1



P.E. SEAL/SIGNATURE/DATE

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

©2023 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES LS20GA FLUSH COMMERCIAL
STEEL OUTSWING DOOR W/SERIES "AS"
18GA STEEL FRAME

DAYBAR INDUSTRIES LTD

50 WEST DRIVE, BRAMPTON,
ON CANADA, L6T 2J4
TEL: 905 625-8000
FAX: 905 625-4204

DRAWN BY:
Y.M.

08/17/2023
DATE

23-182
DRAWING No

SHEET 14 OF 14

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-154	08/17/2023	3		
2			4		