

DOORS ARE NOT RATED FOR IMPACT.  
 INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA DOES REQUIRE THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.  
 INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

**"TELSTAR/TIOGA/SPARTAN" OUTSWING STEEL DOORS**

APPROVAL APPLIES TO SINGLE (X) LEAF DOORS WITHOUT SIDELITES.

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

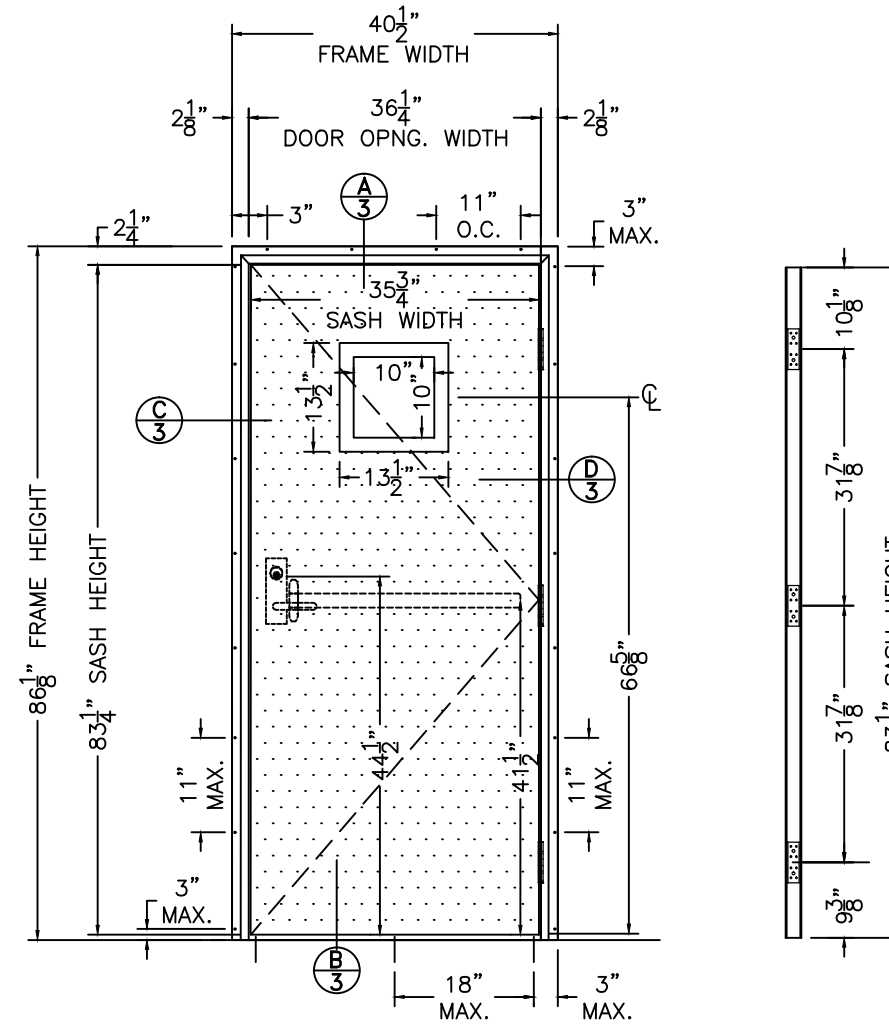
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1710.8.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1710.8.2.

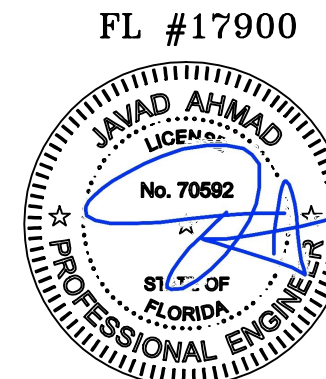


"TELSTAR OUTSWING SINGLE STEEL DOORS ( X )

Pd = +50.0 PSF (EXTERIOR)  
 -50.0 PSF (INTERIOR)

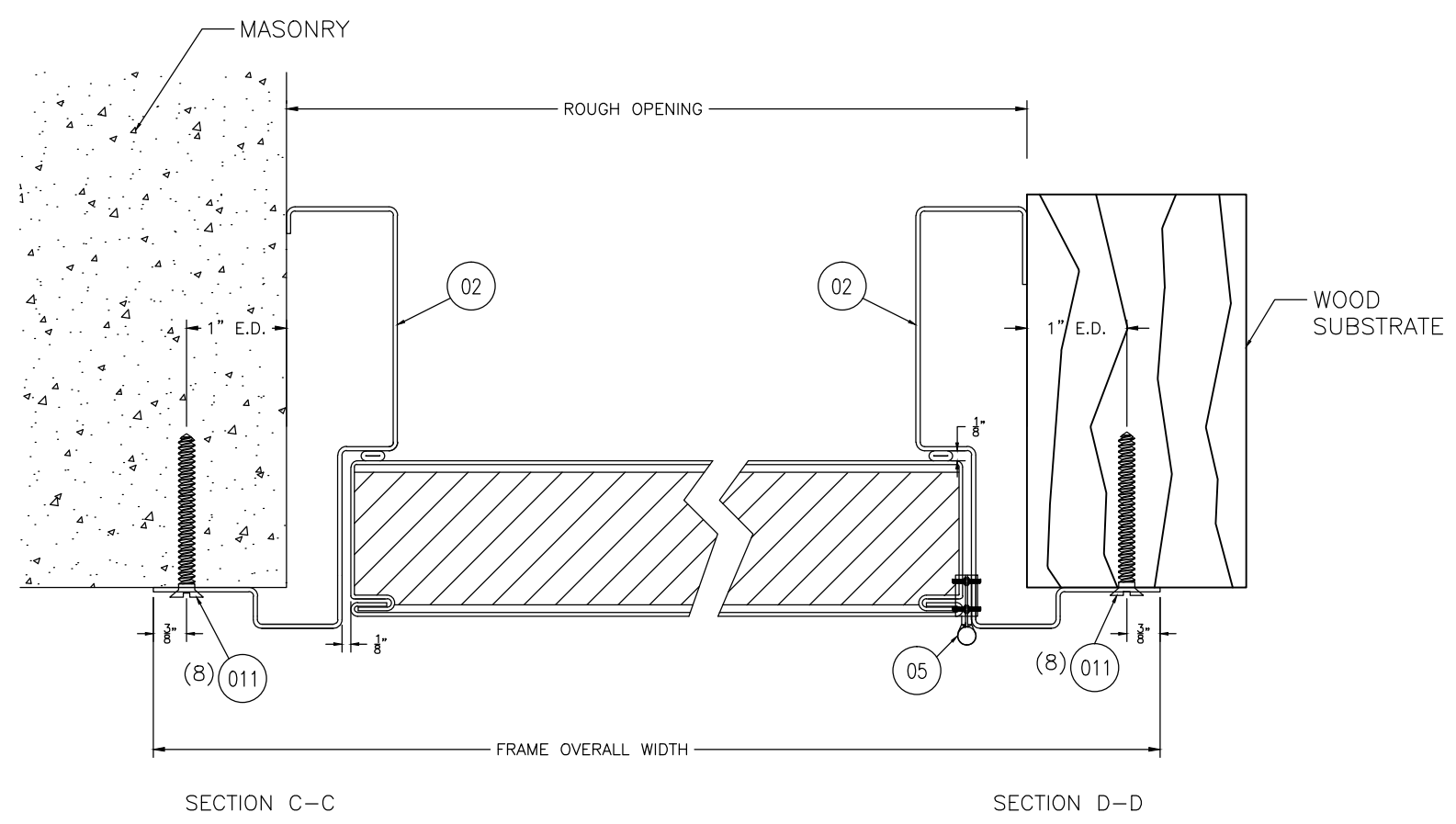
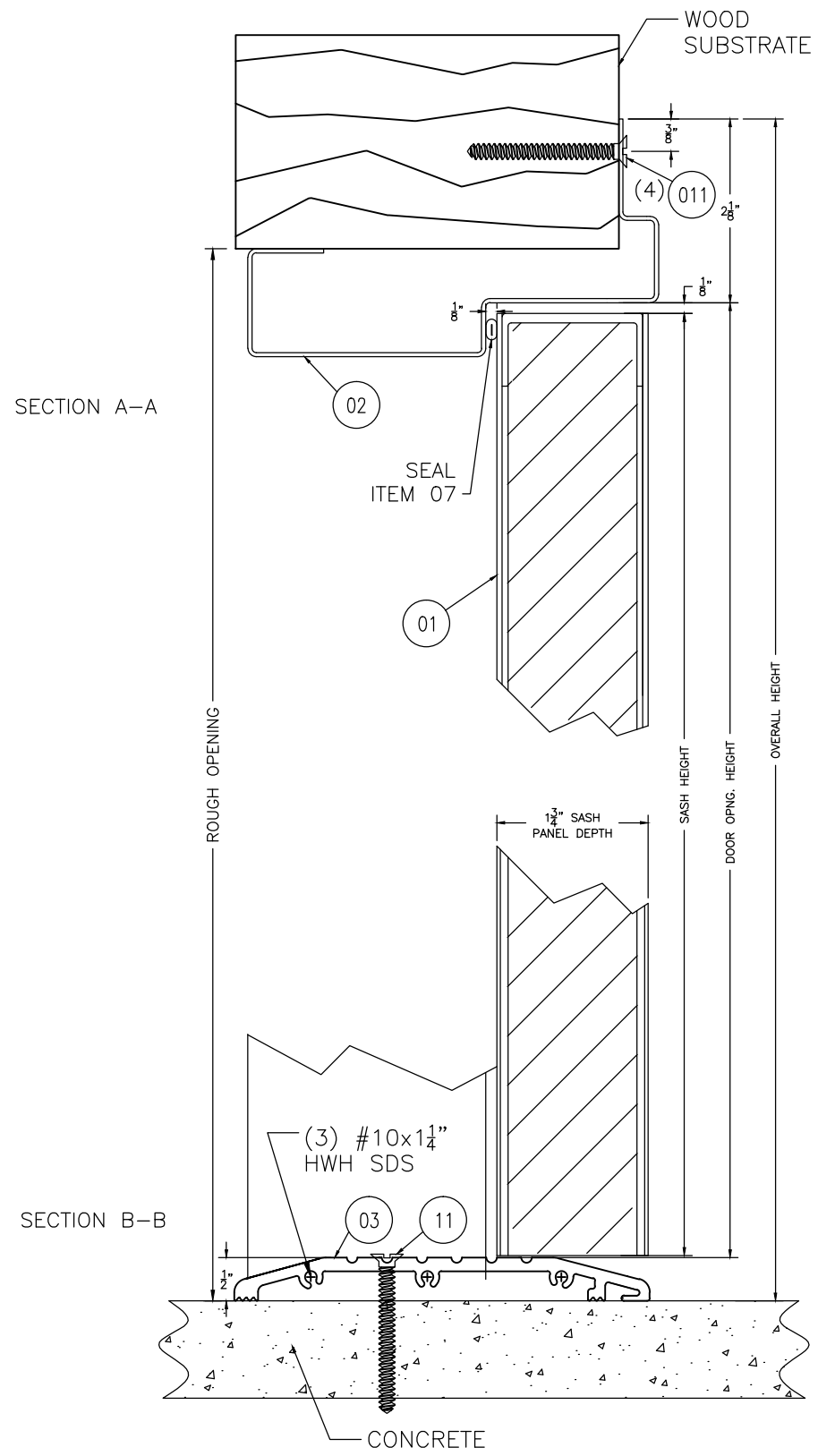
NOTE:  
 EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

- 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 OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



<b>af c</b>	
<b>AL-FAROOQ CORPORATION</b> ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100 FAX. (305) 262-6978 FL APPROVAL/15-35	
"TELSTAR/TIOGA/SPARTAN" OS STEEL DOORS SYSTEM-N.I.	
<b>TELL MANUFACTURING, INC.</b> 18 RICHARD DRIVE · LITITZ, PENNSYLVANIA 17543 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 FAX: 1-888-370-3253	
revisions:	no. date by description
date: 6-29-15	scale: 1/2"=1'-0"
dr. by: L.G.	chk. by:
drawing no. 15-35	
sheet 1 of 9	





**TYPICAL ANCHORS AT HEAD/JAMB/SILL:**

- #8 DIA. SMS**  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD
- 3/16" DIA. ITW TAPCON** (Fu=125 KSI, Fy=100 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
- DIRECTLY INTO fc'=3000 PSI CONCRETE, 1" MIN. EDGE DIST.**  
1" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)
- 3/16" DIA. ELCO ULTRACON** (Fu=177 KSI, Fy=155 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD
- DIRECTLY INTO fc'=3000 PSI CONCRETE, 1" MIN. EDGE DIST.**  
**DIRECTLY INTO fc'=2000 PSI MASONRY BLOCK, 1" MIN. EDGE DIST.**  
1-3/8" MIN. EMBED INTO CONCRETE (HEAD/JAMBS/SILL)  
1-1/4" MIN. EMBED INTO GROUT FILLED BLOCK (JAMBS)

TELSTAR SERIES SINGLE STEEL DOOR SYSTEM

FL #17900

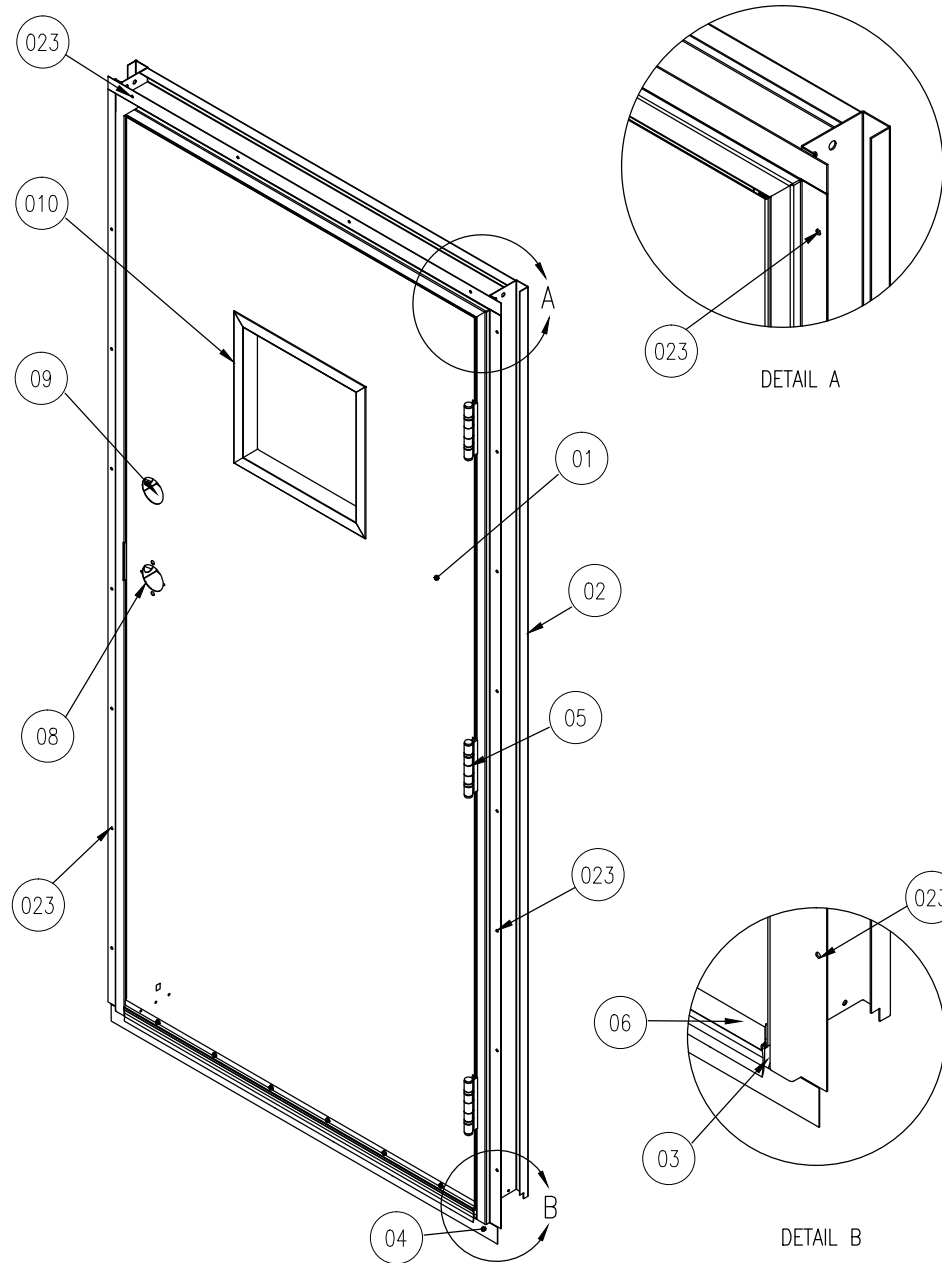
date: 6-29-15  
scale: 6"=1'-0"  
dr. by: L.G.  
chk. by:

**af c**  
AL-FAROOQ CORPORATION  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
FL APPROVAL/15-35

TELSTAR/T100A/SPARTAN™ OS STEEL DOORS SYSTEM-N.I.  
TELL MANUFACTURING, INC.  
18 RICHARD DRIVE · LITITZ,  
PENNSYLVANIA 17543  
TOLL FREE: 1-800-433-4047 · 1-717-625-2990  
FAX: 1-888-370-3253

no	date	by	description

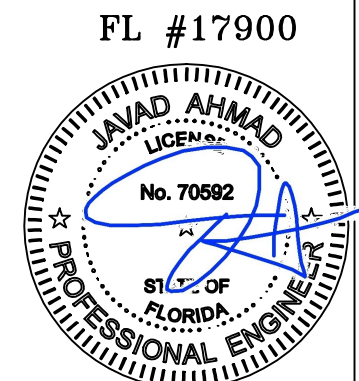
drawing no.  
15-35  
sheet 3 of 9



ITEM No.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
01	MMD20102	DHM 3068 20GA 161 DB	-	1
02	MMD30302	TELSTAR DOOR FRAME HEADER/JAMBS 2.76" x 4.75" x 0.054" THK. 16GA	GALVANNEAL STEEL	1
03	MMD10202	THRESHOLD 0.53" x 4.80" x 0.152" THK. 36" TP	6063-T5 ALUMINUM	1
04	MMD40103	FLASHING STRIP 36" TP	-	1
05	HG100034	HINGE 4-1/2" x 4-1/2"	GALVANNEAL STEEL	3
06	MMD10203	DOOR SWEEP 0.61" x 1.35" x 0.083" THK. TP 35.75"	6063-T6 ALUMINUM	1
07	MD100120	WEATHER STRIP LP1153 (16')	GALVANNEAL STEEL	2
08	-	8300 SERIES HEAVY DUTY COMMERCIAL GRADE 1 RIM PANIC W/ KEYED ESCUTCHEON TRIM	STAINLESS STEEL	1
09	-	KEYED LOCK	-	1
010	SD100093	13-1/2" x 13-1/2" L-FRA100 STEEL LOW PROFILE LIGHT KIT BY NATIONAL GUARD PRODUCTS	STEEL	1
011	MSD10006 MSD10033	2 PART ADHESIVE, REZ-CURE EP882 BY INNOVATIVE RASIN SYSTEM, INC.	EPOXY RASIN	2
012	-	STRIKE PLATE	-	1
013	MSD41065	BOTTOM DOOR SKIN 0.40" x 1.72" x .034" THK.	GALVANNEAL STEEL	-
014	MSD41065	TOP DOOR SKIN 0.18" x 0.24" x .035" THK.	GALVANNEAL STEEL	-
015	MMD10205	TOP CAP 0.70" x 1.54" x .038" THK.	GALVANNEAL STEEL	-
016	MSD10223	DOOR CHANNEL 0.80" x 1.67" x .053" THK.	GALVANNEAL STEEL	-
017	MMD10043	DOOR CLOSER REINFORCEMENT 7.00" x 19.50" x 0.070" THK. (15GA) STEEL SHEET	GALVANNEAL STEEL	2
018	MSD10005	FOAM CORE 44.00" x 91.00" x 1.688" THK. - 0.733 LB/FT <sup>3</sup> DENSITY	POLYSTYRENE FOAM	1
019	MSD10027	HINGE REINFORCEMENT 1.25" x 10.00" x 0.180" THK.	COLD ROLLED STEEL	-
020	MSD10091	CYLINDRICAL LOCK REINFORCEMENT 1.65" x 6.69" x 3.80" x 0.054" THK.	COLD ROLLED STEEL	2
021	-	DUST COVER 0.61" x 1.35" x 0.083" THK.	6063-T6 ALUMINUM	-
022	-	#8 x 3/4" PHILLIPS WAFER PAN HEAD SELF DRILLING SCREWS	STEEL	8
023	-	3/16"Ø ITW BUILDDEX TAPCON OR ELCO ULTRACON ANCHORS	STEEL	23

DR 3068 PRO DB RHR W/ 10" X 10" OW

TELSTAR SERIES SINGLE STEEL DOOR SYSTEM

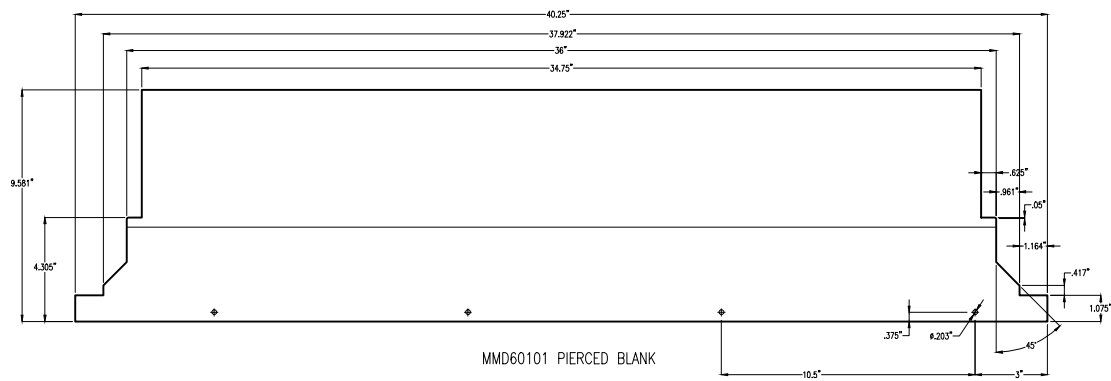


**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 FL APPROVAL/15-35

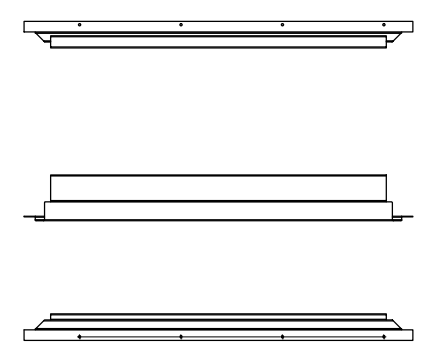
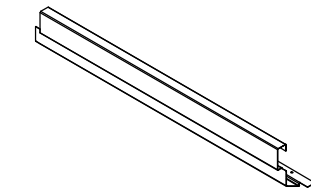
"TELSTAR/100A/SPARTAN" OS STEEL DOORS SYSTEM-N.I.  
**TELL MANUFACTURING, INC.**  
 18 RICHARD DRIVE · LITITZ,  
 PENNSYLVANIA 17543  
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 ·  
 FAX: 1-888-370-3253

no	date	by	description

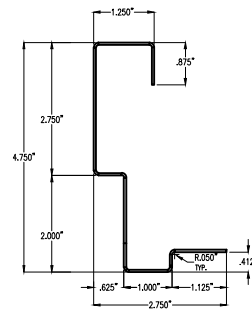
date: 6-29-15  
 scale: AS SHOWN  
 dr. by: L.G.  
 chk. by:  
 drawing no.  
 15-35  
 sheet 4 of 9



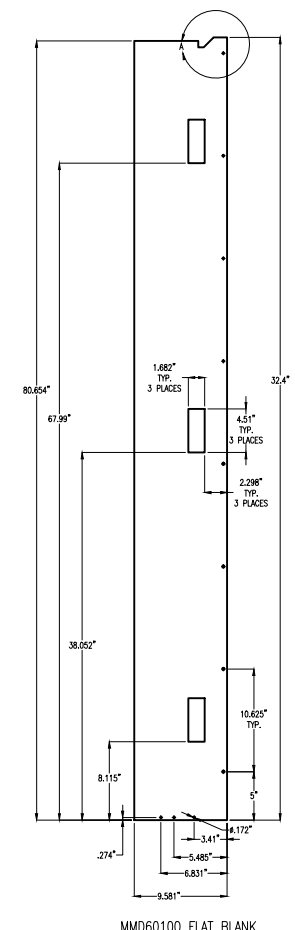
MMD60101 PIERCED BLANK



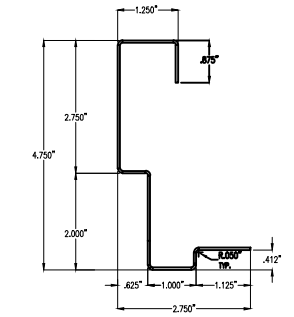
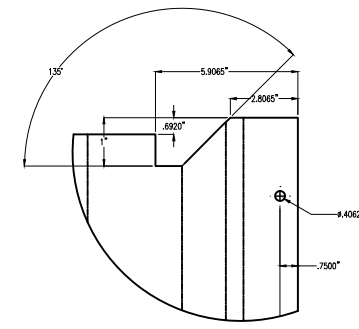
MMD40101 FORMED CHANNEL



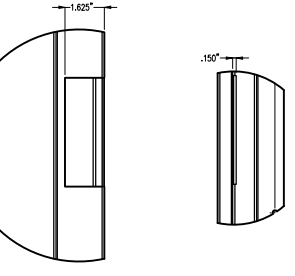
FORMED CHANNEL SECTION



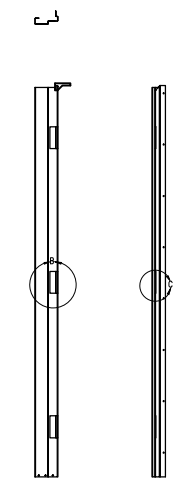
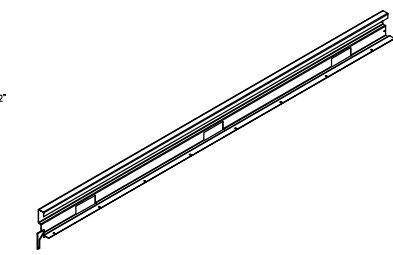
MMD60100 FLAT



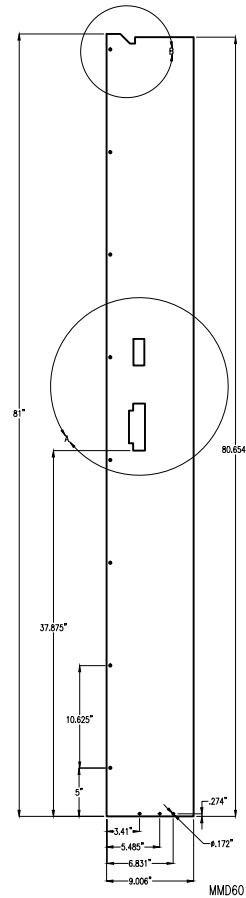
CHANNEL SECTION



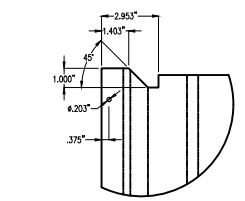
MMD50101 FORMED CHANNEL



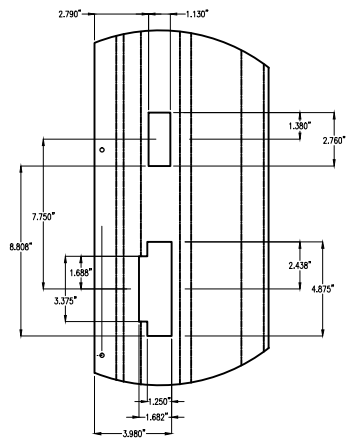
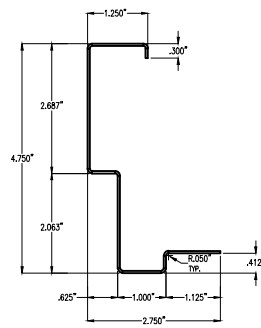
TELSTAR HEADER



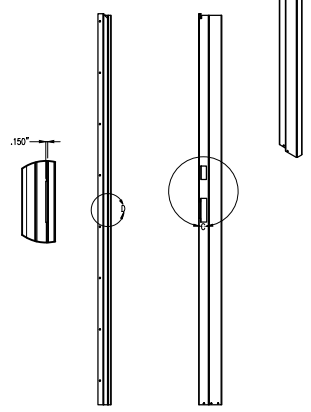
MMD60102 PIERCED FLAT BLANK



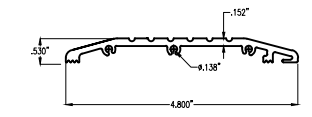
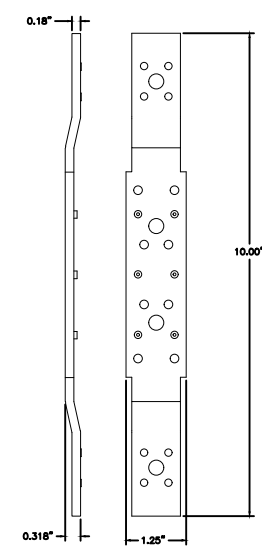
FORMED CHANNEL SECTION



TELSTAR LOCK JAMB



HINGE REINFORCEMENT  
DOOR AND FRAME  
7 GA



TELSTAR THRESHOLD  
MMD10202 (6063-T5 ALUM. ALLOY)

TELSTAR HINGE JAMB

TELSTAR SERIES SINGLE STEEL DOOR SYSTEM

FL #17900

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 12335 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 FL APPROVAL/15-35

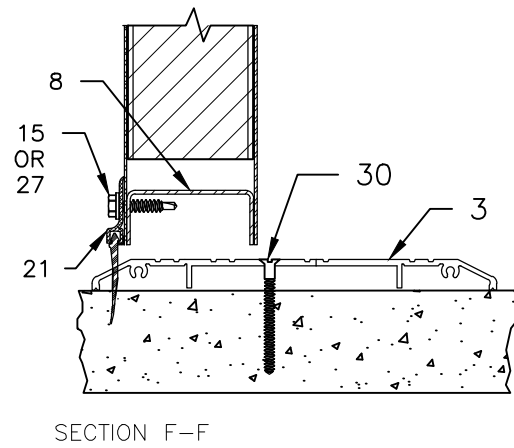
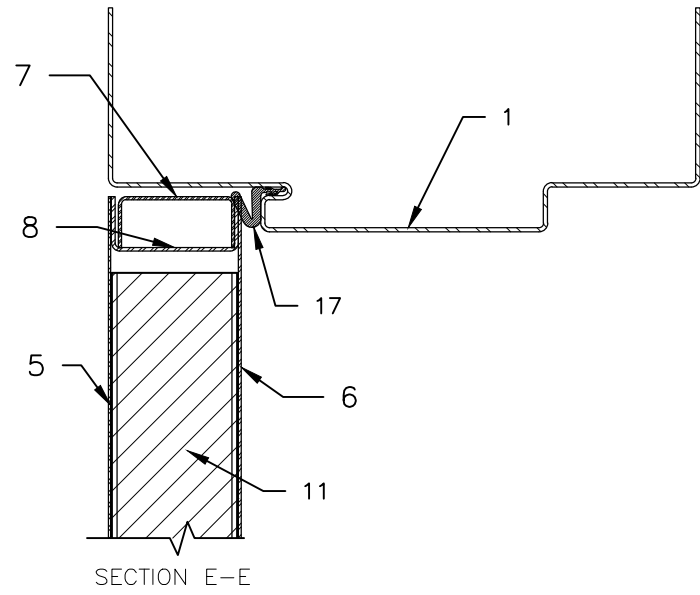
TELSTAR/100A/SPARTAN™ OS STEEL DOORS SYSTEM-N.I.  
**TELL MANUFACTURING, INC.**  
 18 RICHARD DRIVE · LITITZ,  
 PENNSYLVANIA 17543  
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990  
 FAX: 1-888-370-3253

no.	date	by	description

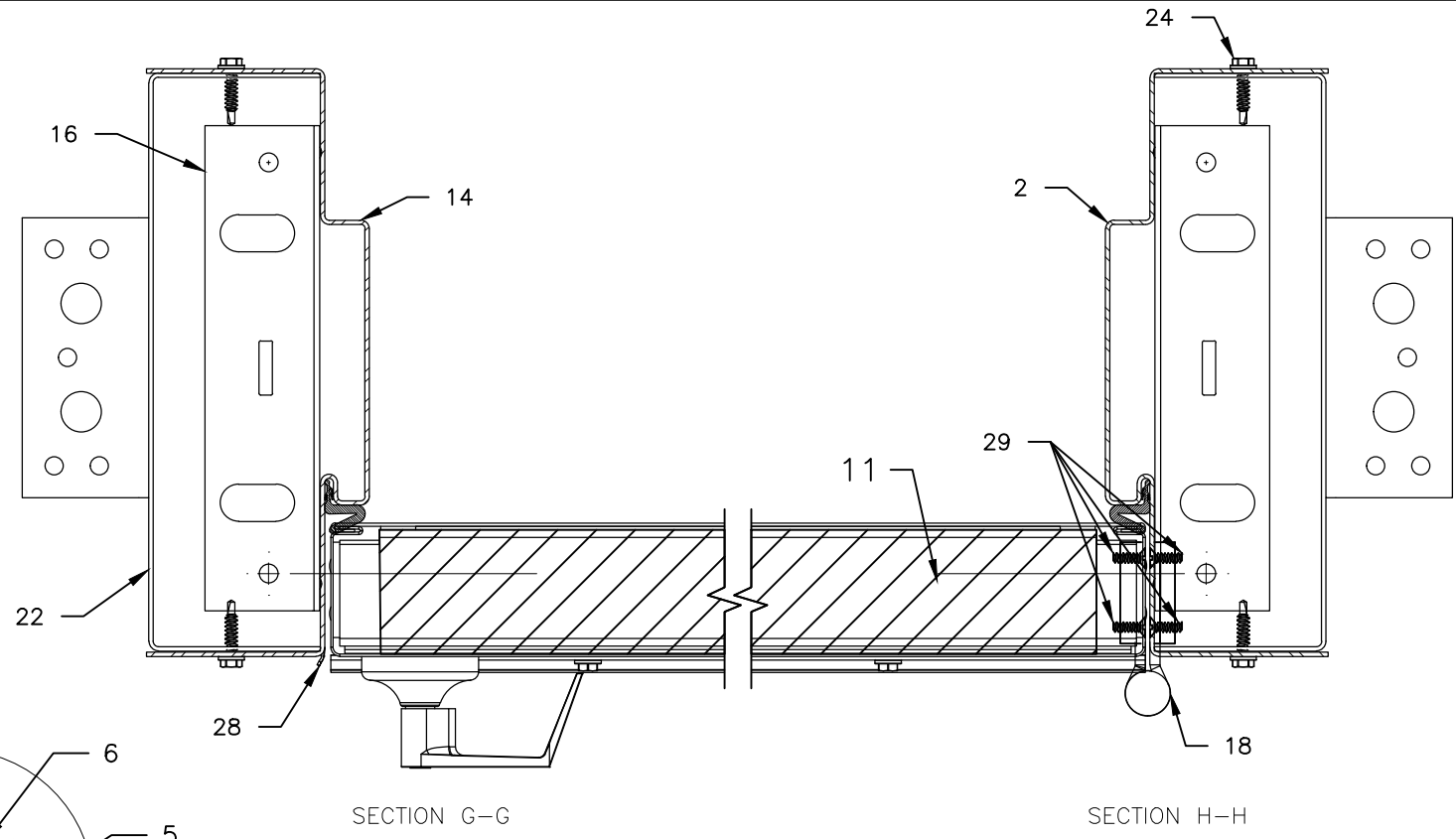
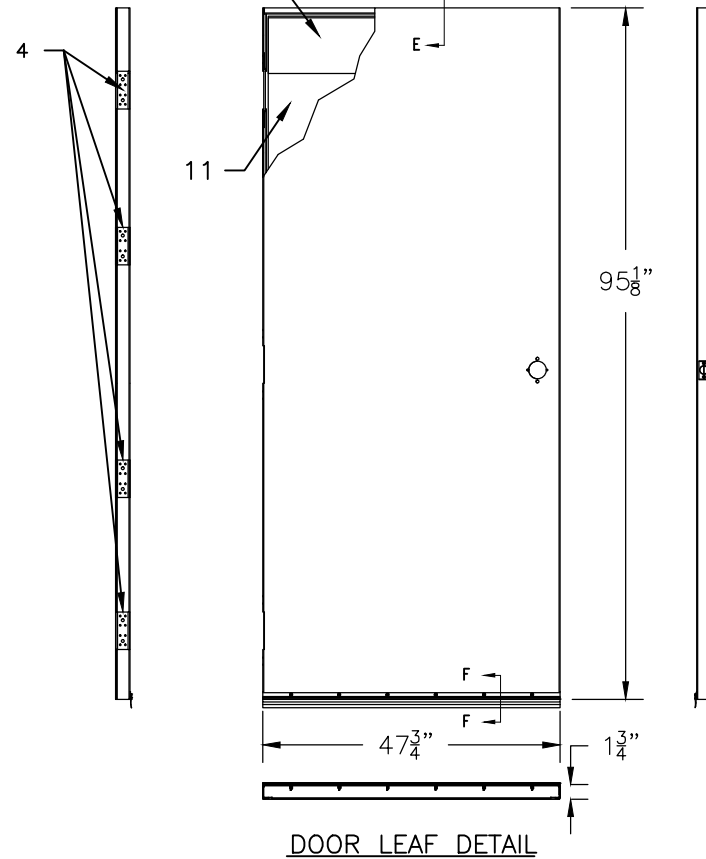
revisions:

date: 6-29-15  
 scale: AS SHOWN  
 dr. by: L.G.  
 chk. by:

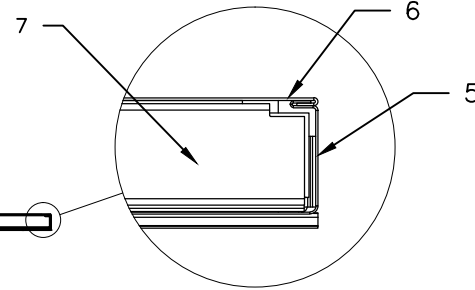
drawing no.  
 15-35  
 sheet 5 of 9



VERTICAL CROSS SECTION



HORIZONTAL CROSS SECTION



**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 12335 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 FL APPROVAL/15-35

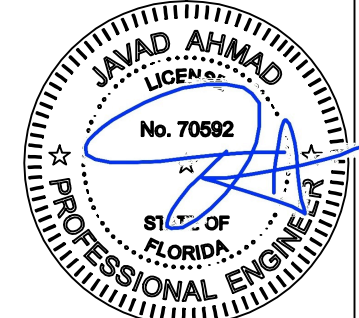
"TELSTAR/TIOGA/SPARTAN" OS STEEL DOORS SYSTEM-N.I.  
**TELL MANUFACTURING, INC.**  
 18 RICHARD DRIVE · LITITZ,  
 PENNSYLVANIA 17543  
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 ·  
 FAX: 1-888-370-3253

revisions:	
no	date by description

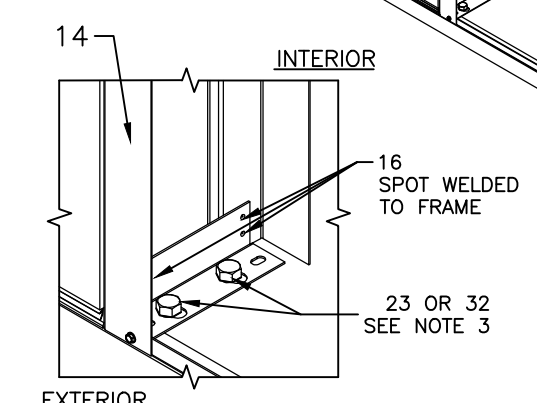
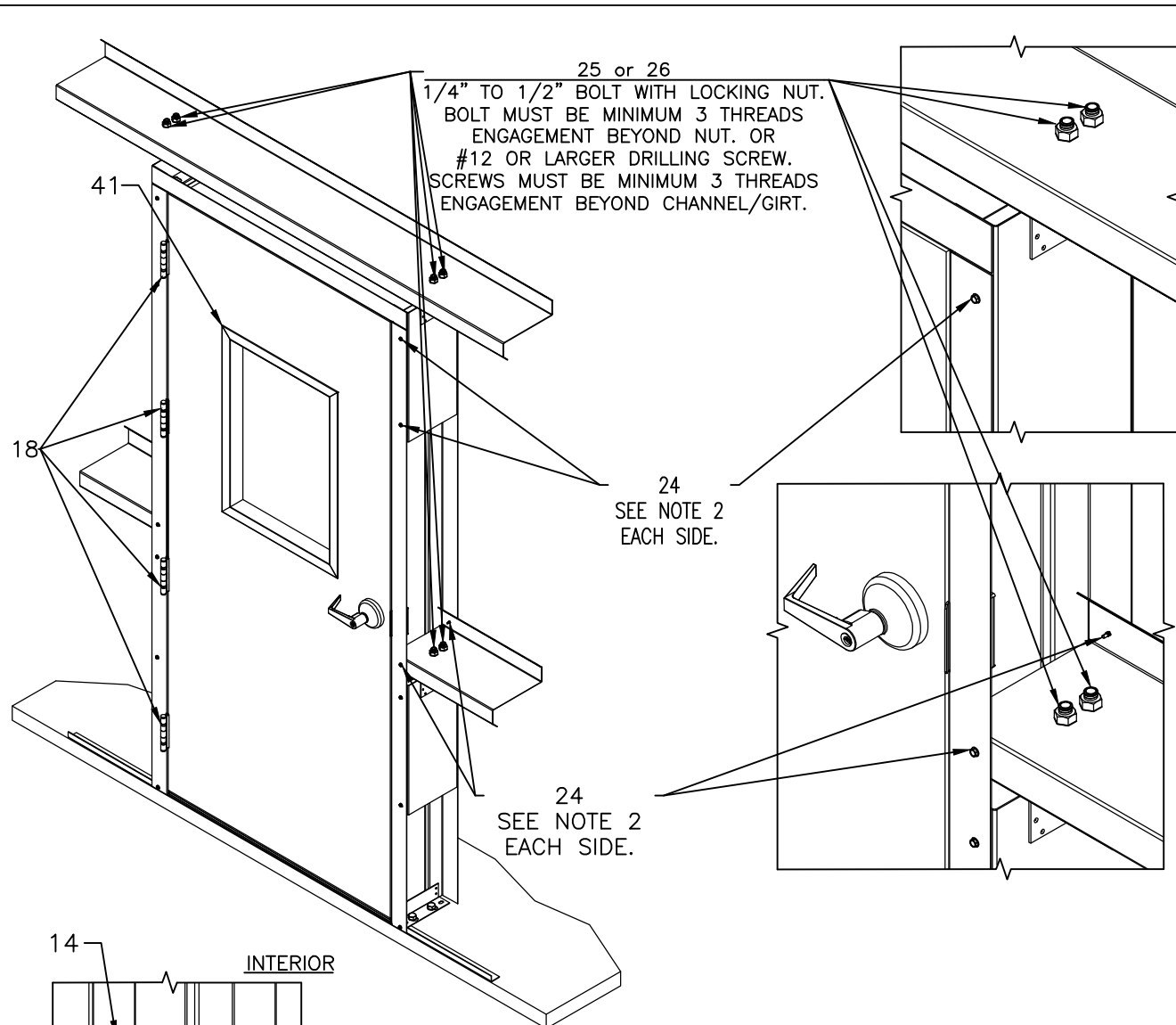
date: 6-29-15	scale: AS SHOWN	dr. by: L.G.	chk. by:
---------------	-----------------	--------------	----------

drawing no.  
 15-35  
 sheet 6 of 9

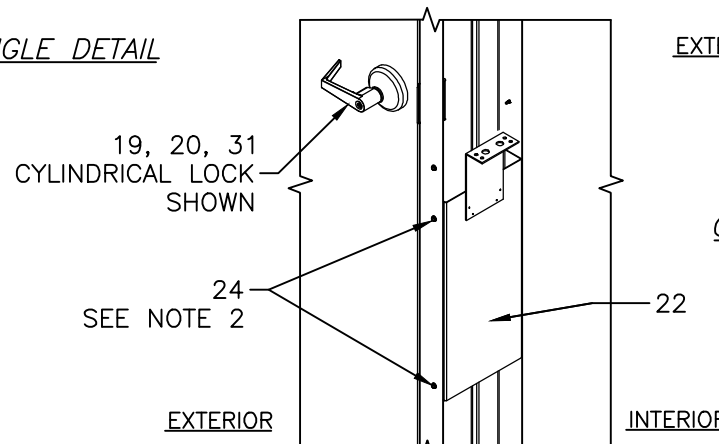
FL #17900



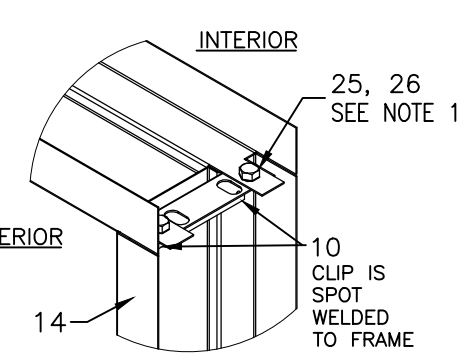
TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM



FLOOR BASE ANGLE DETAIL



JAMB EXTENSION ASSEMBLY DETAIL



CORNER CONSTRUCTION DETAIL

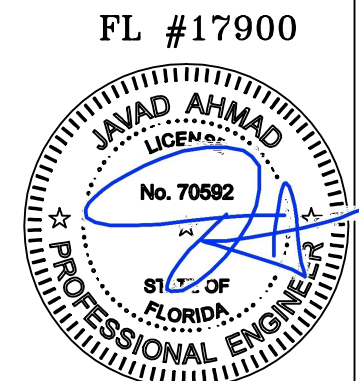
FRAME TO METAL BUILDING INSTALLATION DETAILS

ITEM No.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	MSD72232	HEADER FRAME 2.67" x 0.059" THK. 16GA	GALVANNEAL STEEL	1
2	MSD72232	JAMB FRAME 2.67" x 0.059" THK. 16GA	GALVANNEAL STEEL	1
3	DT101126	THRESHOLD 0.50" x 5.75" x 0.105" THK. 48" TP	6063-T5 ALUMINUM	1
4	MSD10027	HINGE REINFORCEMENT 1.25" x 10.00" x 0.180" THK.	COLD ROLLED STEEL	8
5	MSD10290	BOTTOM DOOR SKIN 0.40" x 1.72" x .034" THK.	GALVANNEAL STEEL	1
6	MSD10290	TOP DOOR SKIN 0.18" x 0.24" x .035" THK.	GALVANNEAL STEEL	1
7	MMD10205	TOP CAP 0.70" x 1.54" x .038" THK.	GALVANNEAL STEEL	1
8	MSD10223	DOOR CHANNEL 0.80" x 1.67" x .053" THK.	GALVANNEAL STEEL	2
9	MSD10091	CYLINDRICAL LOCK REINFORCEMENT 1.65" x 6.69" x 3.80" x 0.54" THK. 16GA	COLD ROLLED STEEL	1
10	MSD70048	FRAME CLIP 5.54" x 1.45" x 1.43" x 0.097" THK. 12GA SPOT WELDED TO JAMBS	GALVANNEAL STEEL	2
11	MSD10005	FOAM CORE 44.00" x 91.00" x 1.688" THK. - 0.733 LB/FT <sup>3</sup> DENSITY	POLYSTYRENE FOAM	1
12	MMD10043	DOOR CLOSER REINFORCEMENT 7.00" x 19.50" x 0.070" THK. (15GA) STEEL SHEET	GALVANNEAL STEEL	2
13	MSD10068	MORTISE LOCK REINFORCEMENT 5.00" x 1.50" x 11.93" x 0.067" THK. 15GA	COLD ROLLED STEEL	1
14	MSD72232	KD STRIKE JAMB 4080 MB534 FRAME 2.67" x 0.059" THK. 16GA	GALVANNEAL STEEL	1
15	-	#8 x 1" SELF DRILLING SCREWS (NOT SUPPLIED)	STEEL	6
16	-	HINGE / STRIKE JAMB FLOOR BASE ANGLE CLIP 12GA	GALVANNEAL STEEL	2
17	DT100631	WEATHER STRIP LP1153 (18')	-	1
18	HG100034	HINGE 4-1/2" x 4-1/2"	GALVANNEAL STEEL	4
19	-	MORTISE LOCK HARDWARE OPTION, CL102258 ZHONGSHAN	-	1
20	-	LC1281 SERIES HEAVY DUTY COMMERCIAL GRADE 1 LEVERSET W/ CL100249 BY THASE ENTERPRISES CO. LTD	-	1
21	MMD10203	DOOR SWEEP 0.61" x 1.35" x 0.083" THK. TP 35.75"	6063-T6 ALUMINUM	1
22	-	JAMB EXTENSION ASSEMBLY 16GA CHANNEL, 12GA CLIP	GALVANNEAL STEEL	4
23	-	3/8"Ø TO 1/2"Ø x 2-1/4" DYNABOLT STUD ANCHOR FOR CONCRETE	-	4
24	-	#12 x 1" SELF DRILLING SCREW (NOT SUPPLIED)	STEEL	24
25	-	1/4"Ø TO 1/2"Ø x 3/4" HEX BOLT	STEEL	12
26	-	1/4"Ø TO 1/2"Ø HEX NUT SELF LOCKING STEEL TO MATCH ITEM 25	STEEL	12
27	-	#10 x 1" SELF DRILLING SCREW (NOT SUPPLIED)	STEEL	6
28	-	STRIKE PLATE - TO MATCH HARDWARE OPTION AS SPECIFIED	-	1
29	-	#12 - 24 x 3/8" PHILLIPS FLAT HEAD COUNTERSUNK MACHINE SCREW STEEL, FOR HINGES	STEEL	32
30	-	3/16"Ø x 1-3/4" PHILLIPS FLAT HEAD COUNTERSUNK TAPCON CONCRETE SCREW (NOT SUPPLIED)	STEEL	5
31	-	9500 SERIES HEAVY DUTY COMMERCIAL GRADE 1 RIM PANIC W/ KEYED ESCUTCHEON TRIM	-	1
32	-	5/16"Ø TO 1/2"Ø x 1-3/4" HEX WASHER HEAD TAPCON CONCRETE SCREW (NOT SUPPLIED)	STEEL	4
33	MSD10061	HINGE REINFORCEMENT COVER 1.66" x 0.84" x 10.13" x 0.024" THK.	COLD ROLLED STEEL	4
34	MSD10090	STRIKE PLATE REINFORCEMENT 1.38" x 6.50" x 1.13" x 0.059" THK. 16GA	COLD ROLLED STEEL	1
35	MSD10006 MSD10033	2 PART ADHESIVE, REZ-CURE EP882 BY INNOVATIVE RASIN SYSTEM, INC.	EPOXY RESIN	2
36	DT100852	BUTTERFLY ANCHOR 1.58" x 2.50" x 7.00" x 0.048" THK.	COLD ROLLED STEEL	4
37	SD100081	ANCHOR 0.95" x 2.05" x 7.00" x 0.052" THK.	COLD ROLLED STEEL	4
38	-	1/4" x 3/4" HEX HEAD MACHINE BOLTS (HH MB) AND LOCK NUTS THRU FRAME CLIPS	STEEL	2
39	-	#8 x 3 1/2" NAILS	STEEL	8
40	-	3/8" x 6" WOOD LAG BOLT	STEEL	4
41	SD101546	25" x 31" WHITE IG INSULATED GLASS UNIT LITE KIT BY NATIONAL GUARD PRODUCTS	STEEL	1

NOTES:

- FOR ANCHORING KNOCK DOWN FRAME HEAD JAMB TO FRAME HINGE JAMB AND FRAME STRIKE JAMB 16GA. (.053" MIN.) STEEL FRAMING USE (2 PER SIDE) 1/4" TO 1/2" DIAMETER STEEL BOLT WITH MATING SELF LOCKING NUT. BOLT TO BE OF SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM BEYOND NUT. LOCATE AND ANCHOR AS SHOWN IN CORNER CONSTRUCTION DETAIL.
- FOR ANCHORING JAMB EXTENSION ASSEMBLY TO 16GA. (.053" MIN.) STEEL FRAMING HINGE AND STRIKE JAMBS, USE (4 PER CHANNEL) #12 OR LARGER DRILLING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM BEYOND ANCHOR CHANNELS. LOCATE AND ANCHOR AS SHOWN IN JAMB EXTENSION ASSEMBLY DETAIL.
- FOR ANCHORING FLOOR BASE ANGLE OF FRAME HINGE AND STRIKE JAMBS ONTO CONCRETE USE (2 PER JAMB) 3/8" TO 1/2" DIAMETER WEDGE BOLTS OF SUFFICIENT LENGTH TO ACHIEVE 2" MINIMUM EMBEDMENT INTO CONCRETE WITH 4 1/2" MINIMUM EDGE DISTANCE OR (2 PER SIDE) 5/16" TO 1/2" DIAMETER HEX WASHER HEAD TAPCON SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-3/4" MINIMUM EMBEDMENT INTO CONCRETE WITH 3-3/16" MINIMUM EDGE DISTANCE (ADD WASHER IF NEEDED). LOCATE AND ANCHOR AS SHOWN IN FLOOR BASE ANGLE DETAIL.
- FOR ANCHORING THRESHOLD ONTO CONCRETE USE 3/16" DIAMETER FLAT HEAD TAPCON SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-3/4" MINIMUM EMBEDMENT INTO CONCRETE WITH 2-5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- INSTALLATION ANCHORS AND HARDWARE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:  
 A. STEEL FRAMING: 16GA. (.053" MIN.)  
 B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH 3,192 PSI.

TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM



Jul 16 2015 6:22 PM

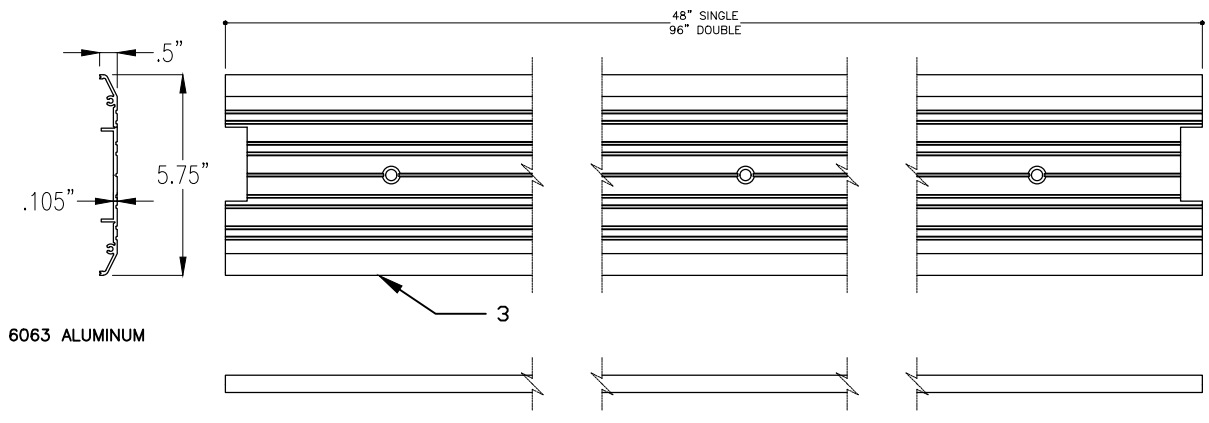
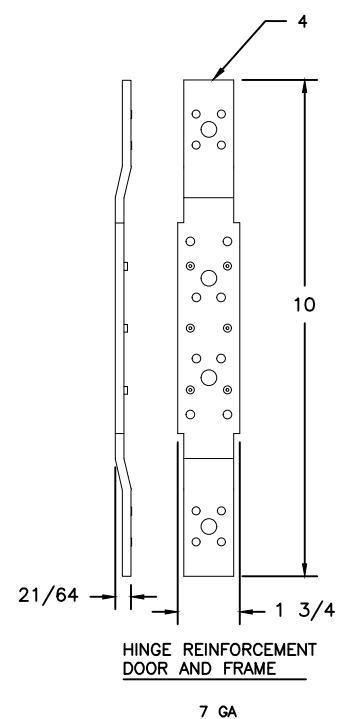
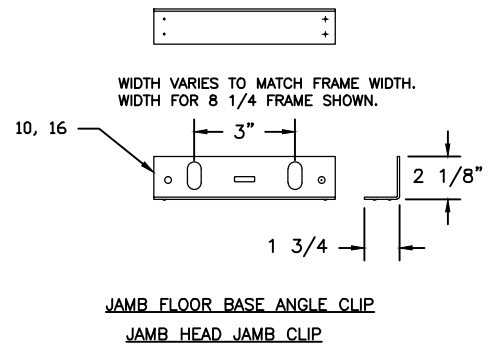
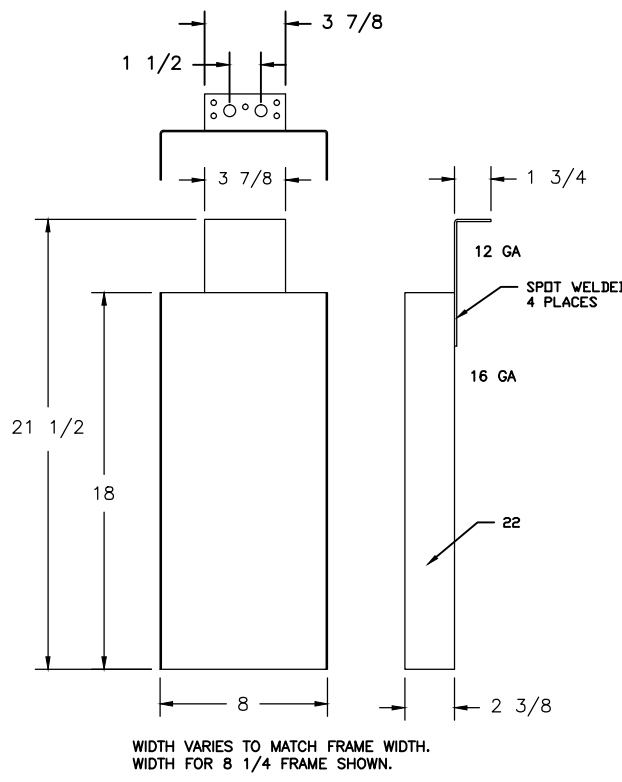
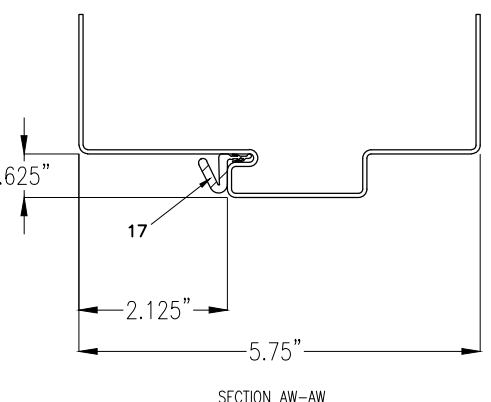
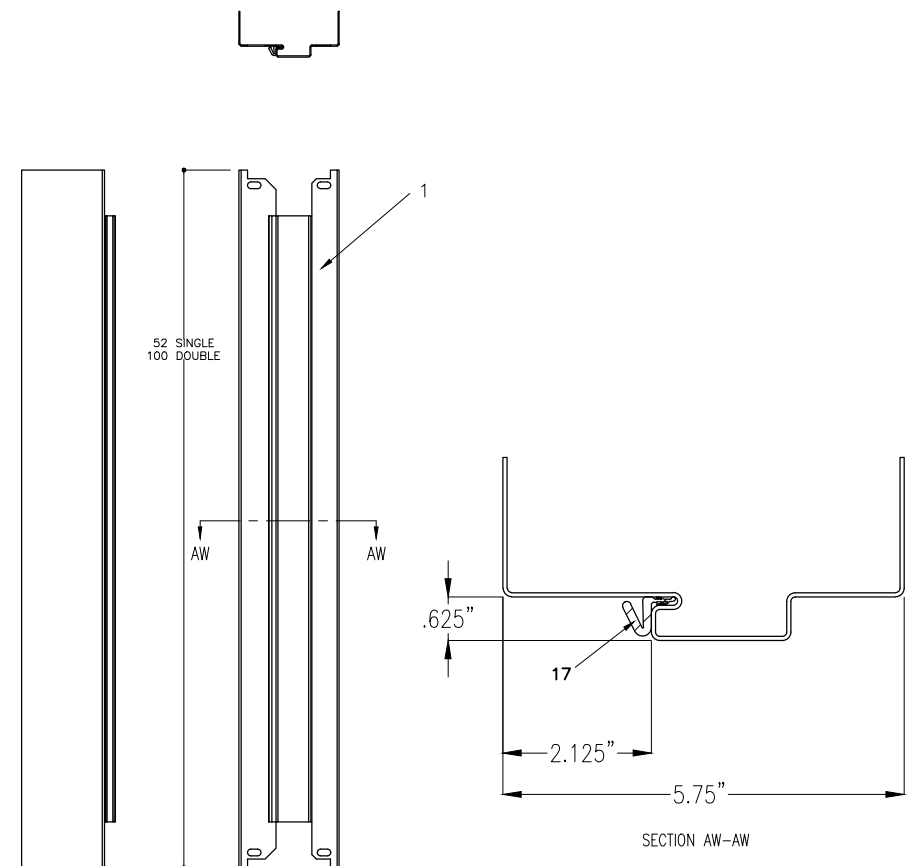
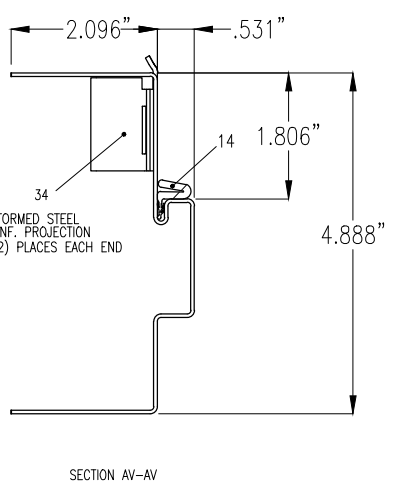
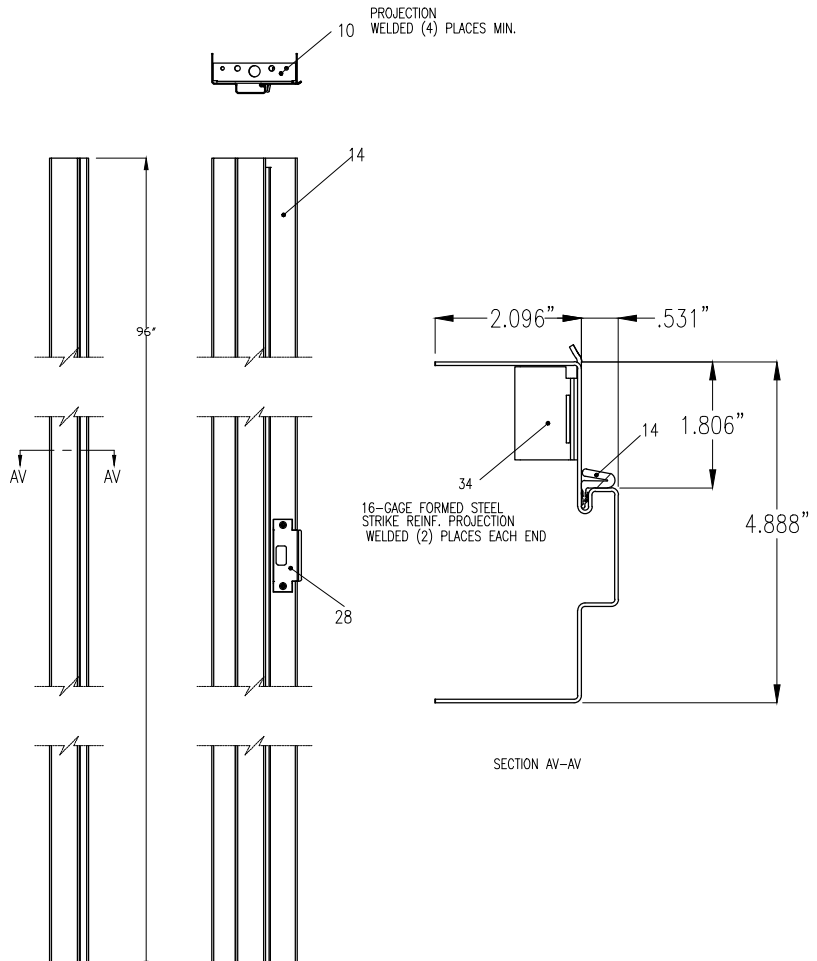
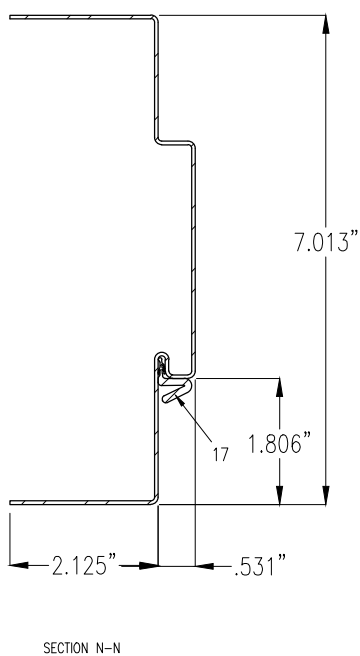
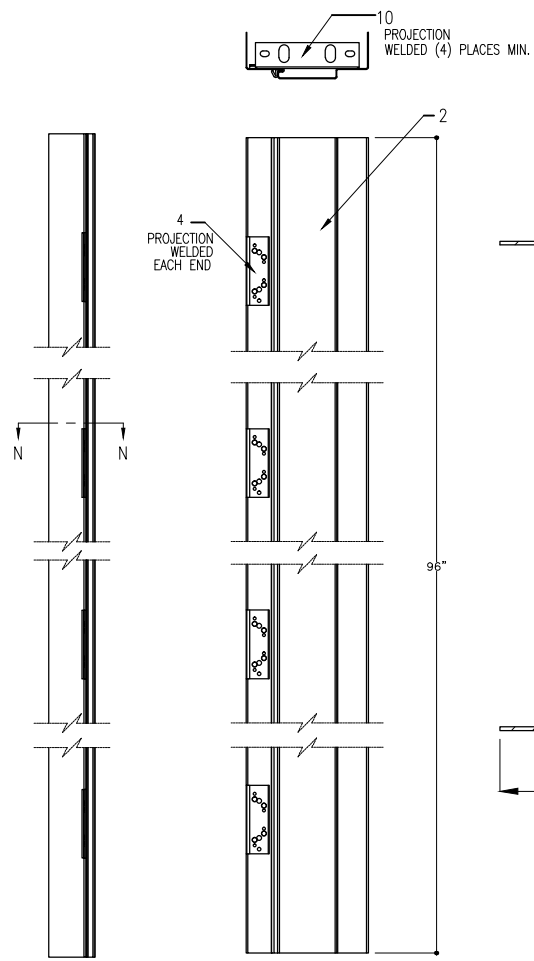
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 FL APPROVAL/15-35

TELSTAR/TIOGA/SPARTAN OS STEEL DOORS SYSTEM-N.I.  
**TELL MANUFACTURING, INC.**  
 18 RICHARD DRIVE · LITITZ,  
 PENNSYLVANIA 17543  
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990  
 FAX: 1-888-370-3253

revisions:	no.	date	by	description

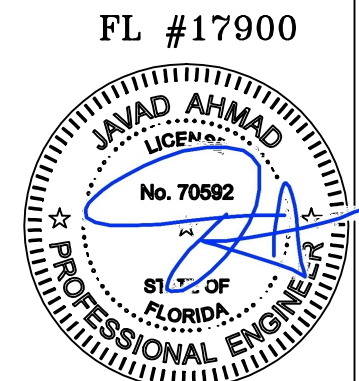
date: 6-29-15  
 scale: AS SHOWN  
 dr. by: L.G.  
 chk. by:   

drawing no.  
 15-35  
 sheet 7 of 9



JAMB EXTENSION ASSEMBLY

TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM



**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 12395 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 FL APPROVAL/15-35

"TELSTAR/TIOGA/SPARTAN" OS STEEL DOORS SYSTEM-N.I.  
**TELL MANUFACTURING, INC.**  
 18 RICHARD DRIVE · LITITZ,  
 PENNSYLVANIA 17543  
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 ·  
 FAX: 1-888-370-3253

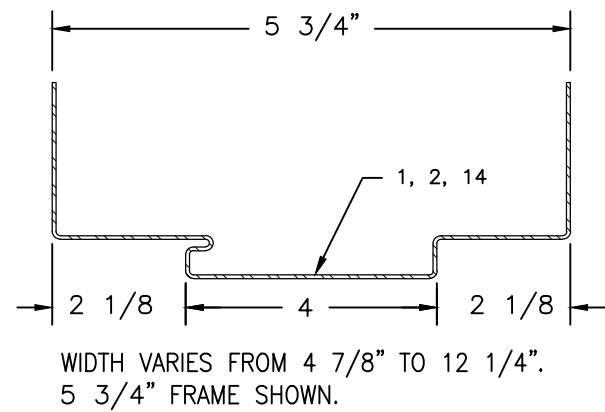
no	date	description

revisions:

date: 6-29-15  
 scale: AS SHOWN  
 dr. by: L.G.  
 chk. by:

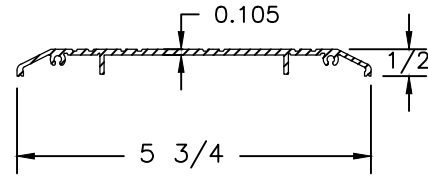
drawing no.  
 15-35  
 sheet 8 of 9





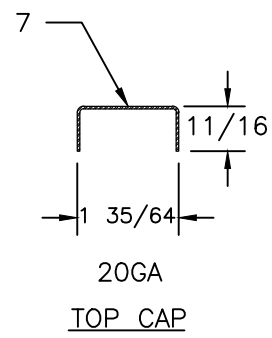
WIDTH VARIES FROM 4 7/8" TO 12 1/4".  
5 3/4" FRAME SHOWN.

JAMB PROFILE

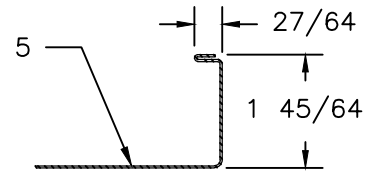


6063 ALUMINUM THRESHOLD (0.105" THICKNESS)

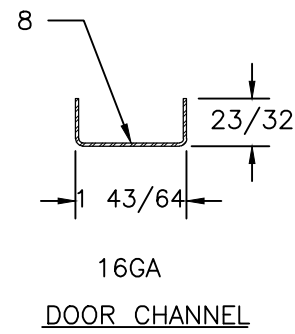
6063 ALUMINUM THRESHOLD (0.105" THICKNESS)



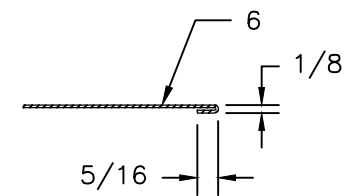
20GA TOP CAP



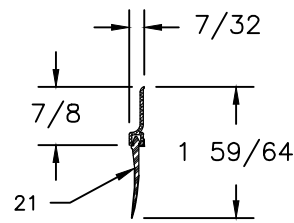
18GA BOTTOM DOOR SKIN



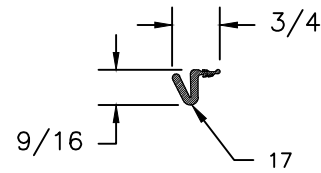
16GA DOOR CHANNEL



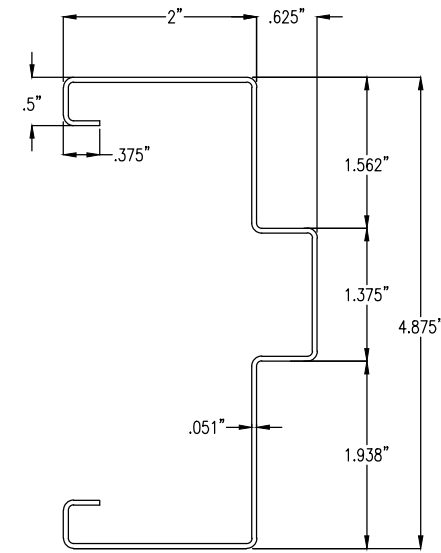
18GA TOP DOOR SKIN



DOOR SWEEP

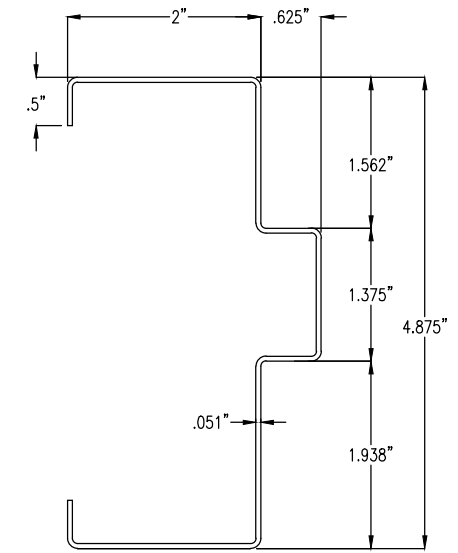


JAMB WEATHERSTRIPPING



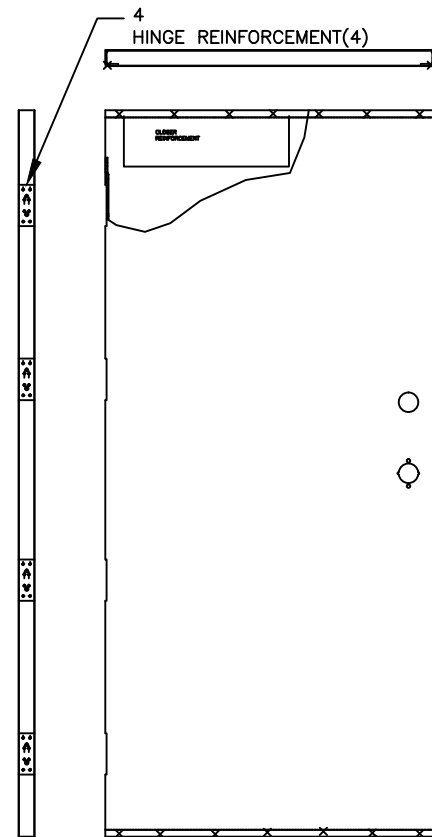
WIDTH VARIES FROM 4 7/8" TO 12 1/4".  
4 7/8" FRAME SHOWN.

DRYWALL FRAME

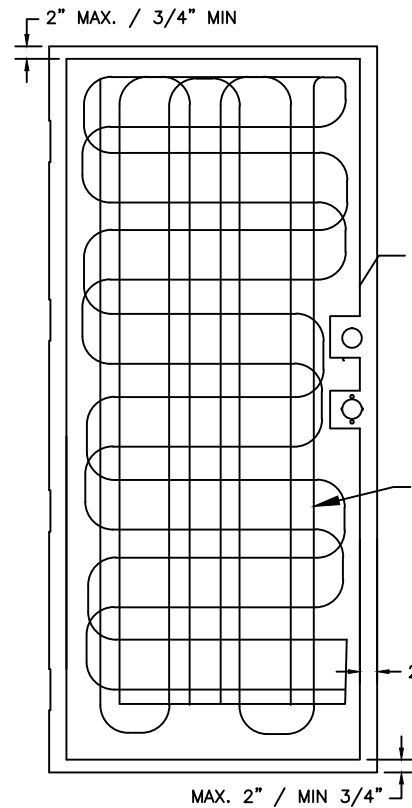


WIDTH VARIES FROM 4 7/8" TO 12 1/4".  
4 7/8" FRAME SHOWN.

MASONRY FRAME



DOOR LEAF ASSEMBLY



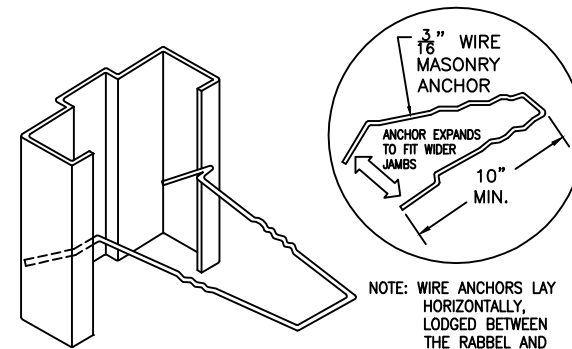
11 FOAM CORE.  
DENSITY: 0.733 LB/FT³

35 ADHESIVE APPLIED IN CROSSED PATTERN PRIOR TO SPREADING.  
- REZ CURE EP882 PART A & B APPLY PER UL SPEC.

2-1/2" MAX. / 1-1/4" MIN. BOTH SIDES

MAX. 2" / MIN 3/4"

SPOT WELD, EACH SIDE, EACH CHANNEL.  
WELD 1-1/2" FROM EDGE, SPACED 3" APART.

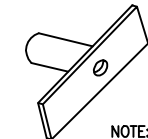


WIRE ANCHOR AT EVERY BLOCK CELL MASONRY CONSTRUCTION

NOTE: WIRE ANCHORS LAY HORIZONTALLY, LODGED BETWEEN THE RABEL AND THE BACKBEND

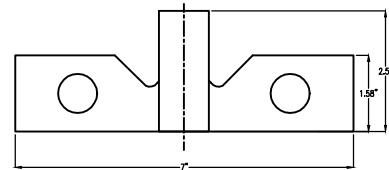


PIPE AND STRAP ANCHOR WELDED TO FRAME

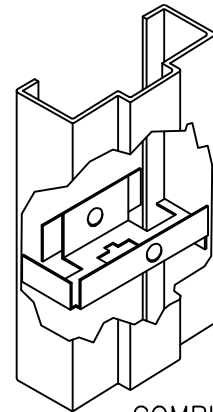


NOTE: 3/8" Ø HOLE IS PROVIDED THROUGH FRAME STOP WITH EITHER A COUNTERSINK OR DIMPLE TO RECEIVE ANCHOR BOLTS.

PIPE AND STRAP ANCHOR AT 24" O.C. MAX. EXISTING MASONRY CONSTRUCTION



BUTTERFLY ANCHOR AT 24" O.C. MAX.



COMBINED ANCHOR AT 24" O.C. MAX. PUNCH & DIMPLE ANCHORING

NOTE: COMBINATION ANCHORS USED AS A STEEL STUD ANCHOR  
5-3/4" JAMB WIDTH ONLY  
REMOVE NAILING STRAPS  
INSIDE BREAK-OFF CREASE = 2-1/2" STUD  
OUTSIDE BREAK-OFF CREASE = 3-5/8" STUD

TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM

FL #17900

date: 6-29-15  
scale: AS SHOWN  
dr. by: L.G.  
chk. by:

drawing no. 15-35  
sheet 9 of 9

AL-FAROOQ CORPORATION  
ENGINEERS & PRODUCT DEVELOPMENT  
1236 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 263-8978  
FL APPROVAL/15-35

TELSTAR/TIOGA/SPARTAN® OS STEEL DOORS SYSTEM-N.I.  
TELL MANUFACTURING, INC.  
18 RICHARD DRIVE · LITITZ, PENNSYLVANIA 17543  
TOLL FREE: 1-800-433-4047 · 1-717-625-2990 · FAX: 1-888-370-3253

revisions:	no	date	by	description