

DOORS ARE RATED FOR IMPACT.
 INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA DOES NOT 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 2006 INTERNATIONAL RESIDENTIAL CODE (IRC) AND 2006 INTERNATIONAL BUILDING CODE (IBC) SECTIONS 1405.12, 1609, 1714.5, 2403 AND 2404 WITH TEXAS REVISIONS.

TESTING PERFORMED IN ACCORDANCE WITH FLORIDA PROTOCOLS ASTM E 1886-13a, ASTM E 1996-14 AND TAS-202.

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

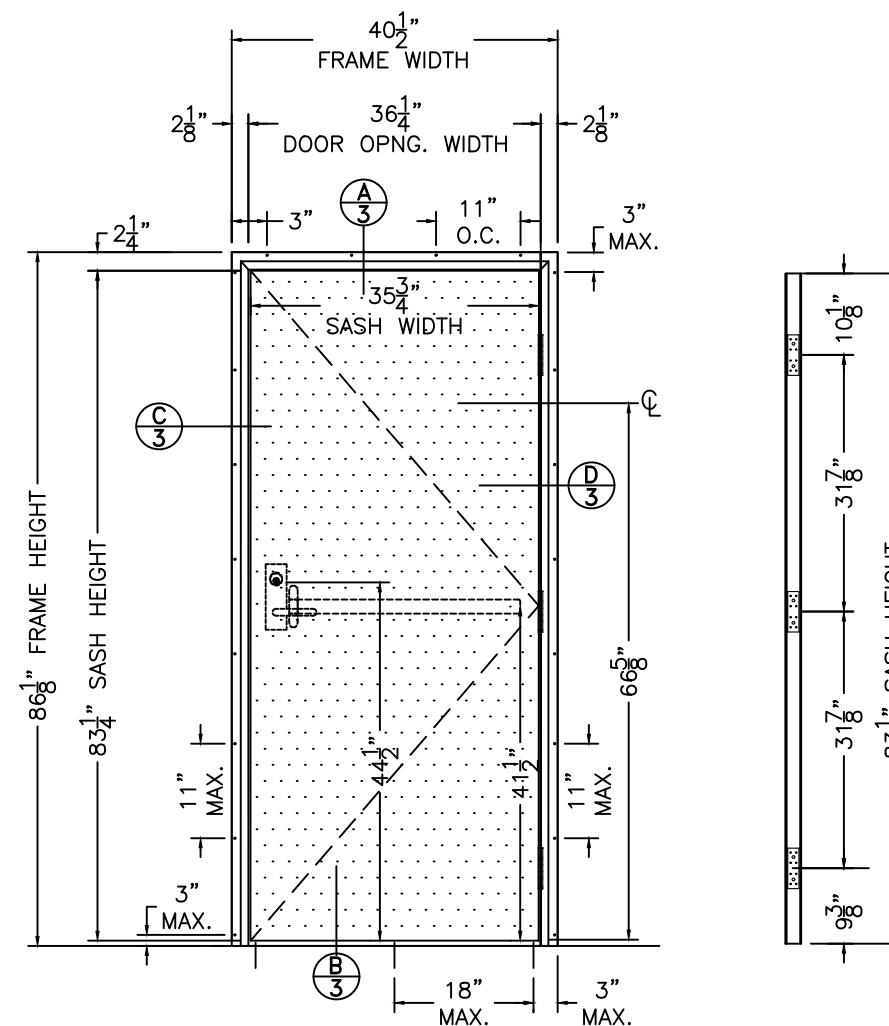
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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.

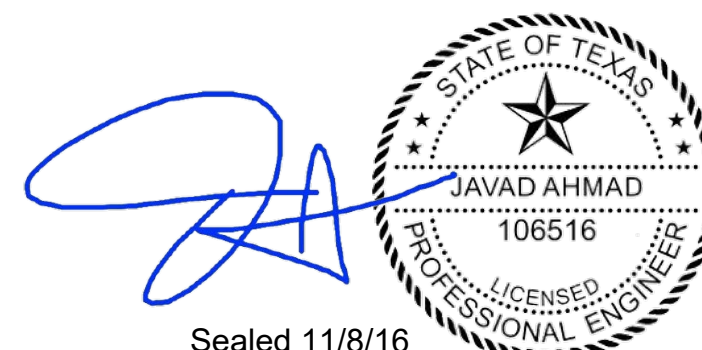
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE INTL. RESIDENTIAL CODE (IRC) AND INTL. BLDG. CODE (IBC) WITH TEXAS REVISIONS.



"TELSTAR OUTSWING SINGLE STEEL DOORS (X)

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



Sealed 11/8/16
 EB C.A.N. # 3538

TELSTAR/TIOGA/SPARTAN® OS STEEL DOORS SYSTEM—L.M.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

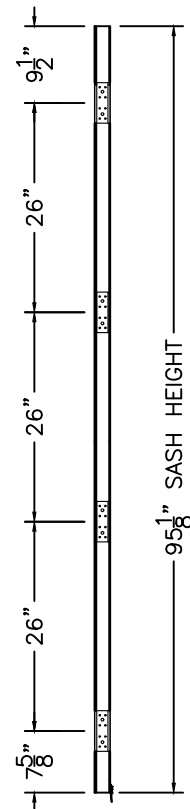
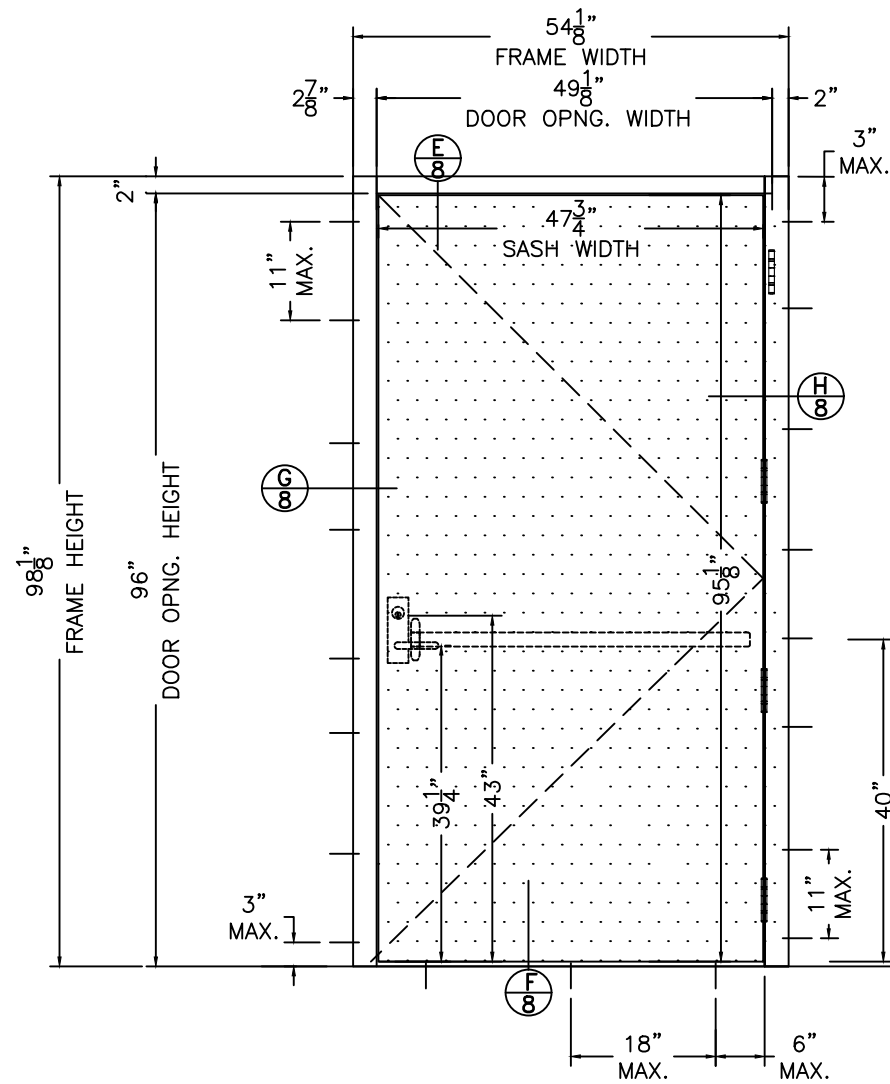
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

revisions:	
no.	description

date: 9-23-16	scale: 1/2"=1'-0"
dr. by: L.G.	chk. by:

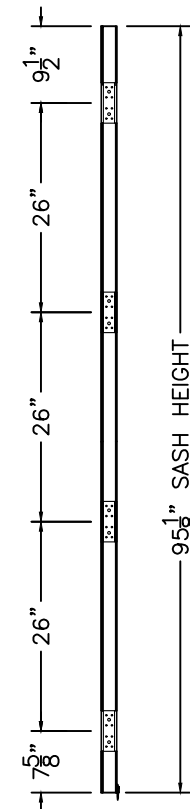
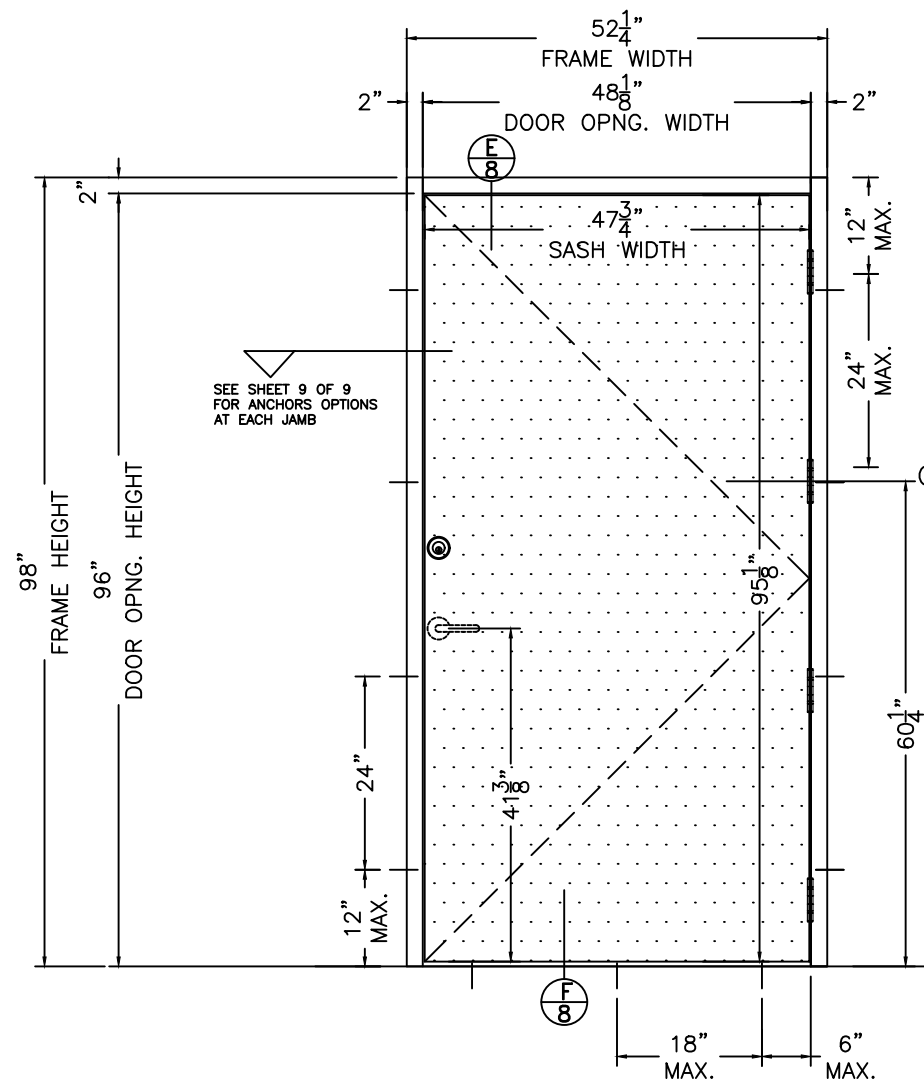
drawing no.
15-35LTX

sheet 1 of 9



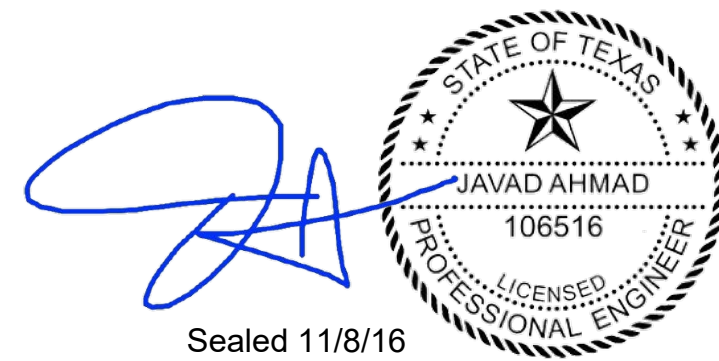
"TIOGA/SPARTAN" OUTSWING SINGLE STEEL DOORS (X)

Pd = +75.0 PSF (EXTERIOR)
-75.0 PSF (INTERIOR)



"TIOGA/SPARTAN" OUTSWING SINGLE STEEL DOORS (X)

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



Sealed 11/8/16
EB C.A.N. # 3538

"TELSTAR/TIOGA/SPARTAN" OS STEEL DOORS SYSTEM-L.M.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

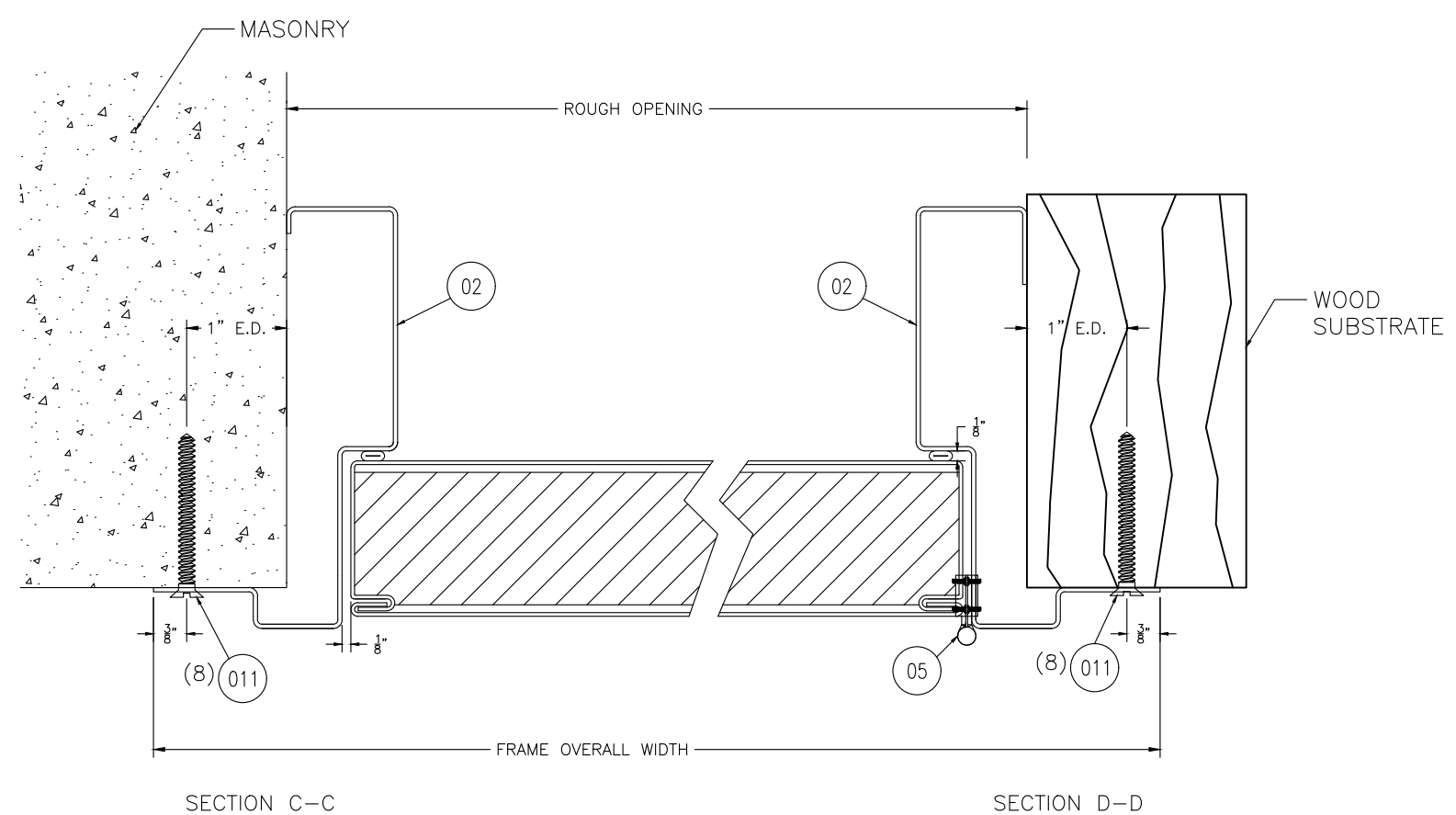
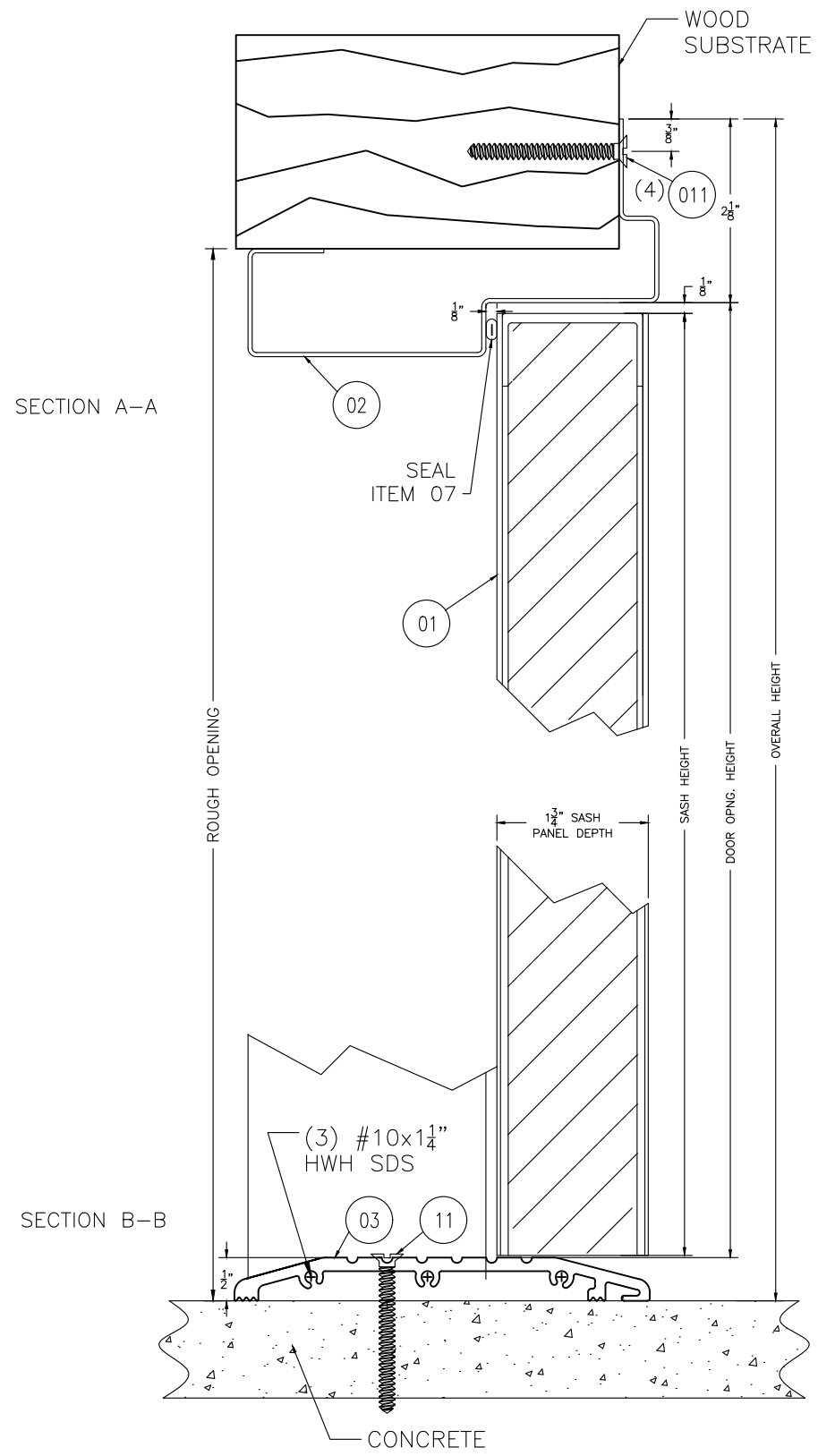
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
TDI APPROVAL/15-35LTX

no.	date	by	description

date: 9-23-16
scale: 1/2"=1'-0"
dr. by: L.G.
chk. by:

drawing no.
15-35LTX

sheet 2 of 9

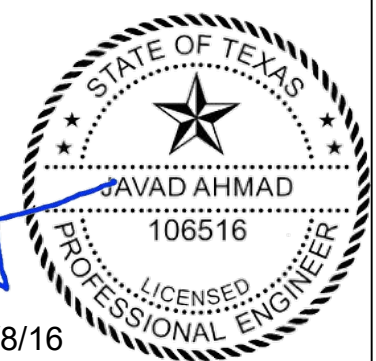


TYPICAL ANCHORS AT HEAD/JAMB/SILL:

- #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

[Handwritten Signature]



Sealed 11/8/16
 EB C.A.N. # 3538

afc

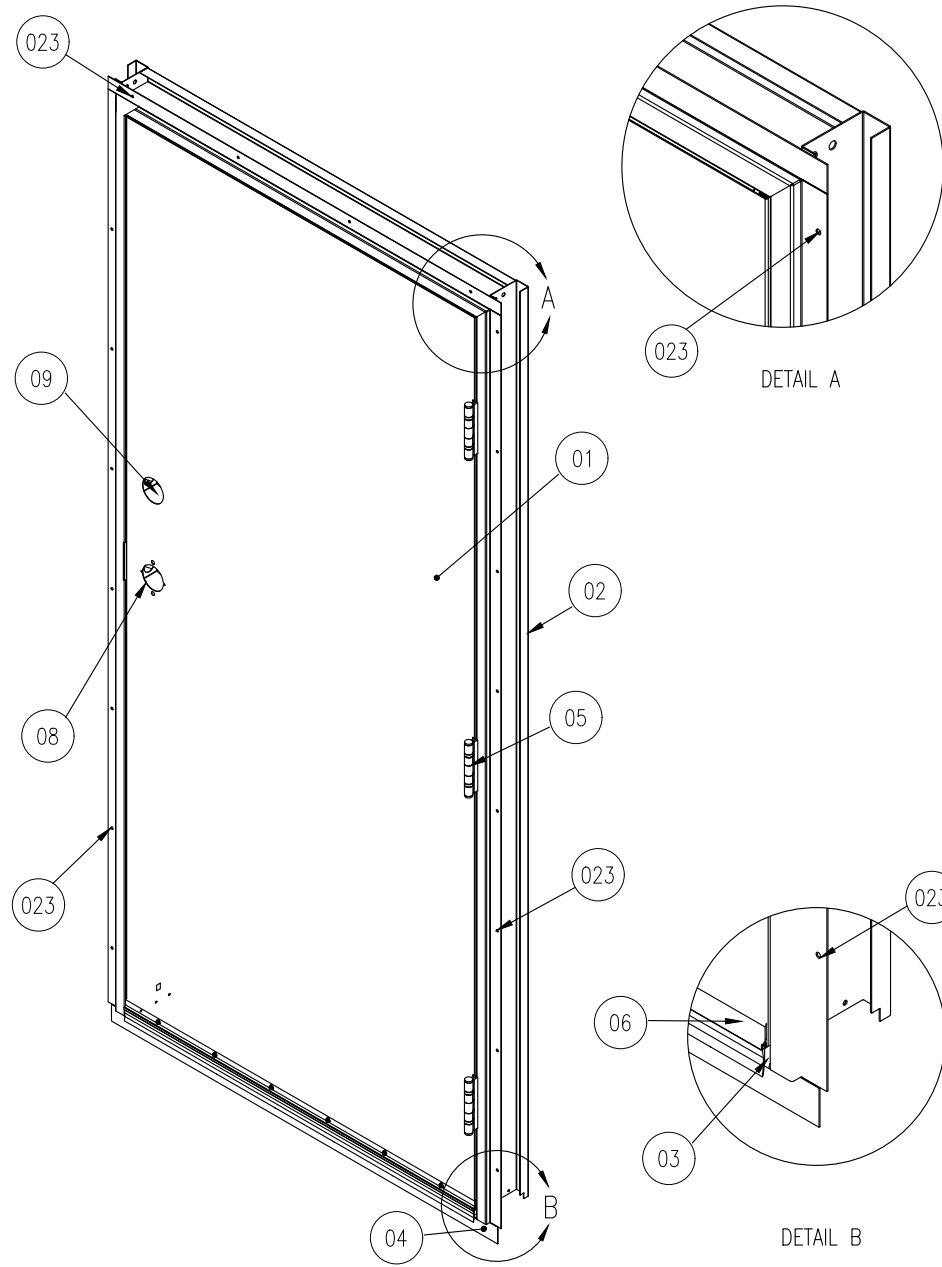
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

TELSTAR/T100A/SPARTAN® OS STEEL DOORS SYSTEM-L.M.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: 9-23-16
 scale: 6"=1'-0"
 dr. by: L.G.
 chk. by:

drawing no.
15-35LTX
 sheet 3 of 9

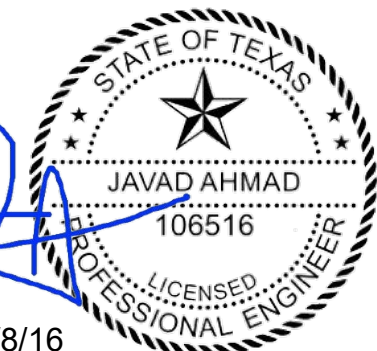


ITEM No.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
01	MMD20102	DHM 3068 20GA 161 DB	-	1
02	MMD30302	TELSTAR DOOR FRAME HEADER/JAMBS 2.76" x 4.75" x 0.054" THK. 16GA	GALVANNEAL STEEL	1
03	MMD10202	THRESHOLD 0.53" x 4.80" x 0.152" THK. 36" TP	6063-T5 ALUMINUM	1
04	MMD40103	FLASHING STRIP 36" TP	-	1
05	HG100034	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
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 ³ 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 BUILDEX TAPCON OR ELCO ULTRACON ANCHORS	STEEL	23

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

TELSTAR SERIES SINGLE STEEL DOOR SYSTEM

Sealed 11/8/16
EB C.A.N. # 3538



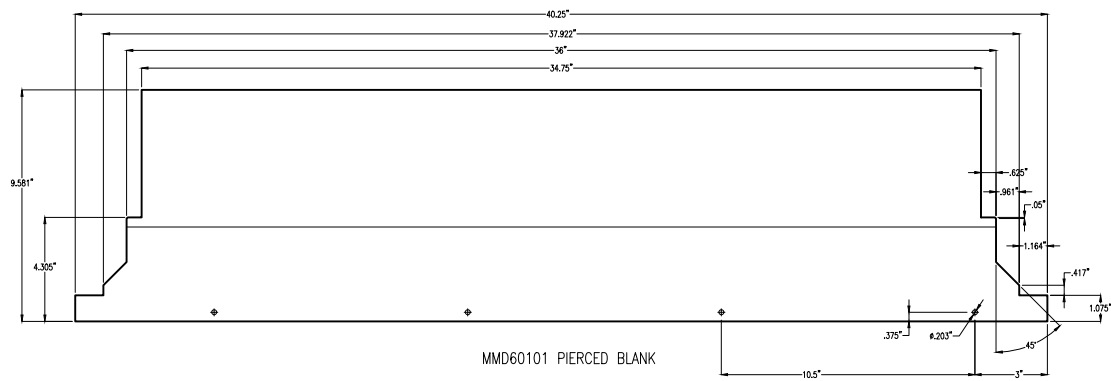
TELSTAR/1004/SPARTAN OS STEEL DOORS SYSTEM-L.M.I.
TELL MANUFACTURING, INC.
 18 RICHARD DRIVE · LITITZ,
 PENNSYLVANIA 17543
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 ·
 FAX: 1-888-370-3253

no.	date	by	description

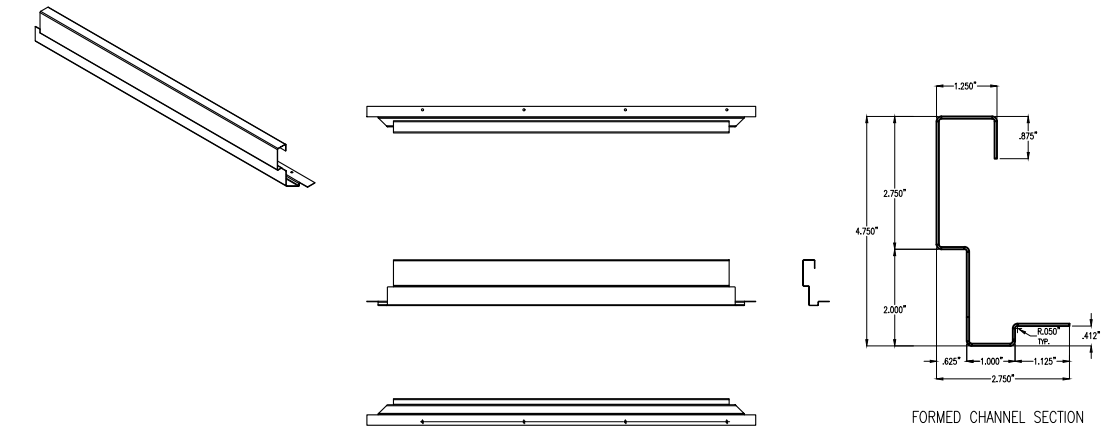
date: 9-23-16
 scale: AS SHOWN
 dr. by: L.G.
 chk. by:

drawing no.
 15-35LTX
 sheet 4 of 9

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

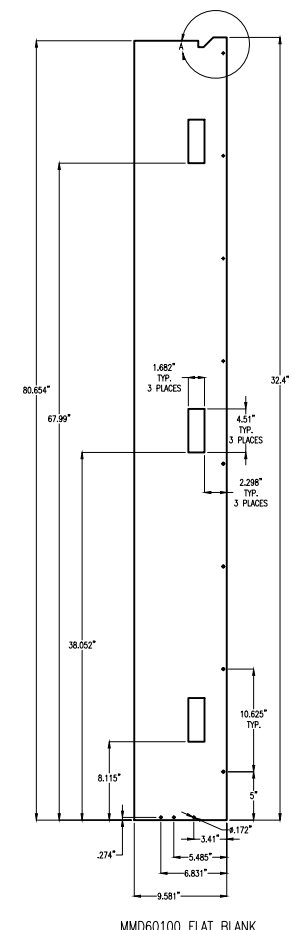


MMD60101 PIERCED BLANK

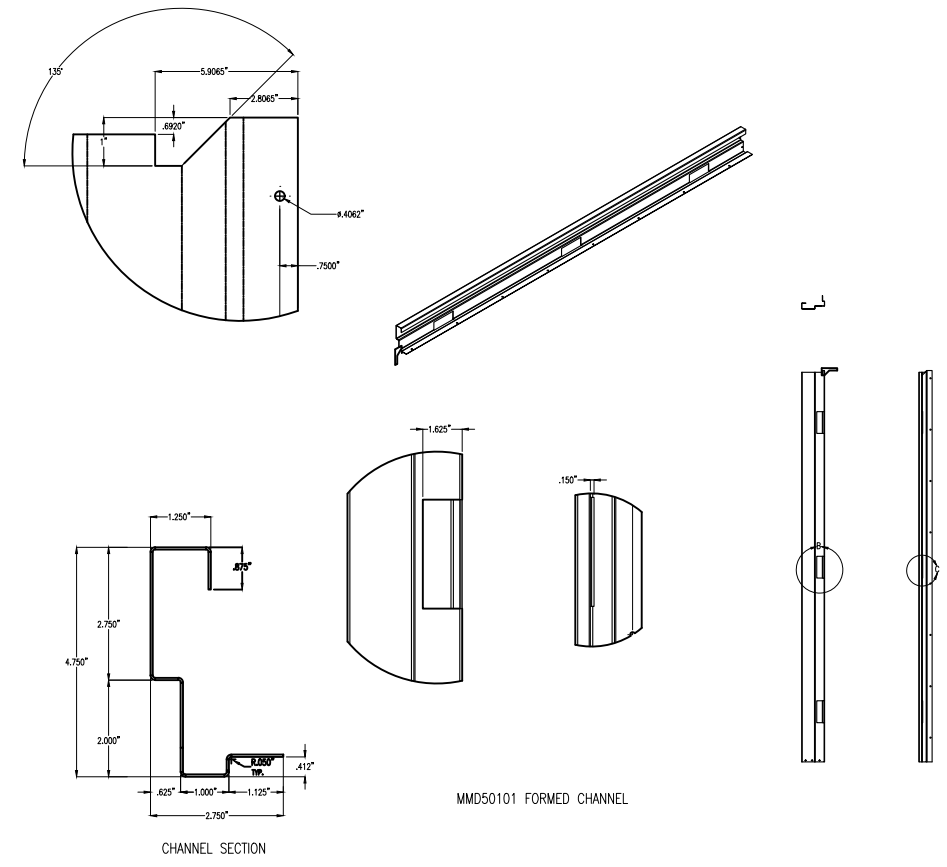


MMD40101 FORMED CHANNEL

TELSTAR HEADER

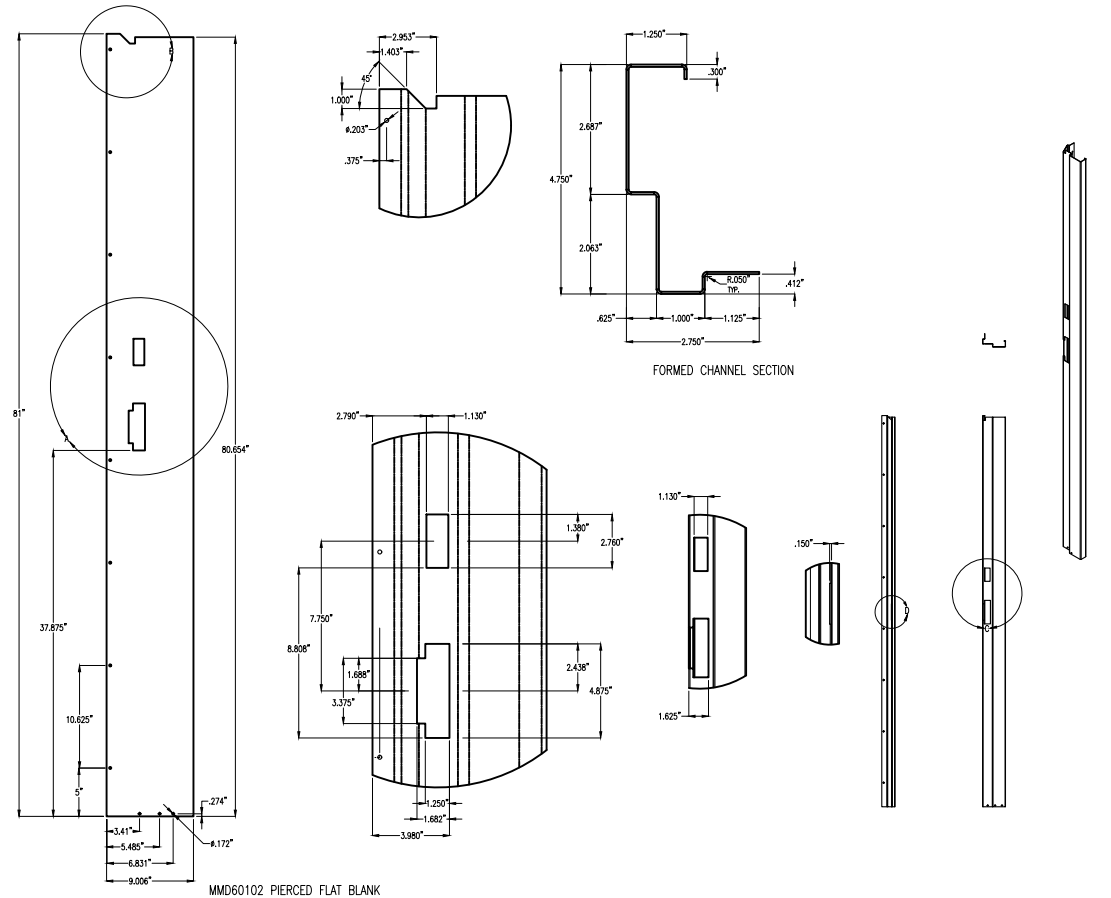


MMD60100 FLAT



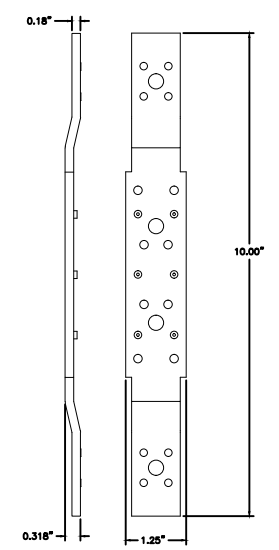
MMD50101 FORMED CHANNEL

TELSTAR HINGE JAMB

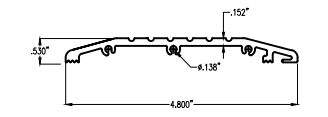


MMD60102 PIERCED FLAT BLANK

TELSTAR LOCK JAMB

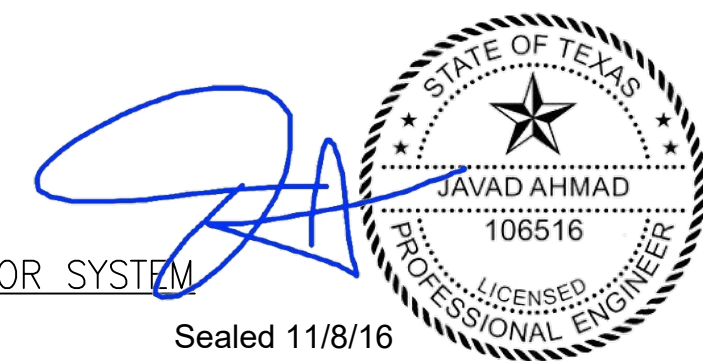


HINGE REINFORCEMENT
DOOR AND FRAME
7 GA



TELSTAR THRESHOLD
MMD10202 (6063-T5 ALUM. ALLOY)

TELSTAR SERIES SINGLE STEEL DOOR SYSTEM



Sealed 11/8/16
EB C.A.N. # 3538

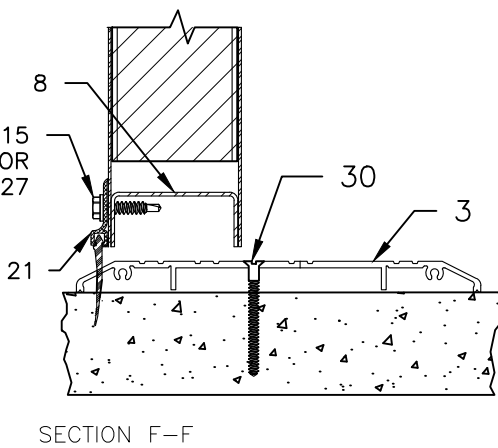
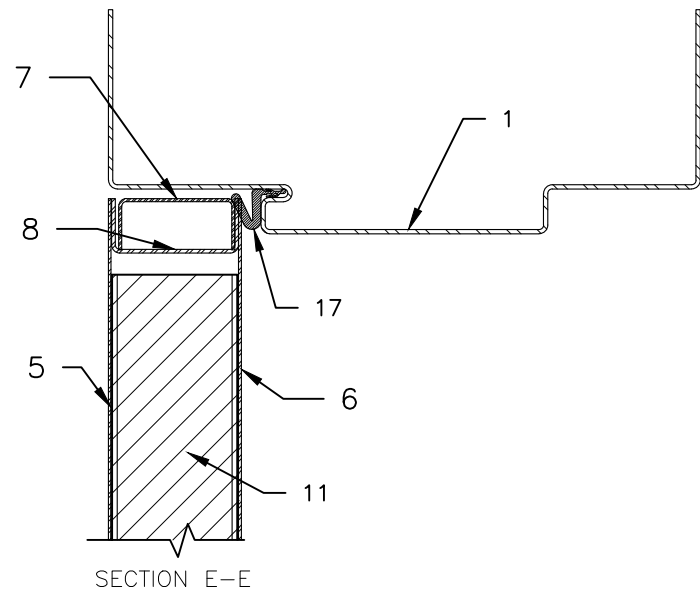
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

TELSTAR/TOGA/SPARTAN® OS STEEL DOORS SYSTEM—L.M.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

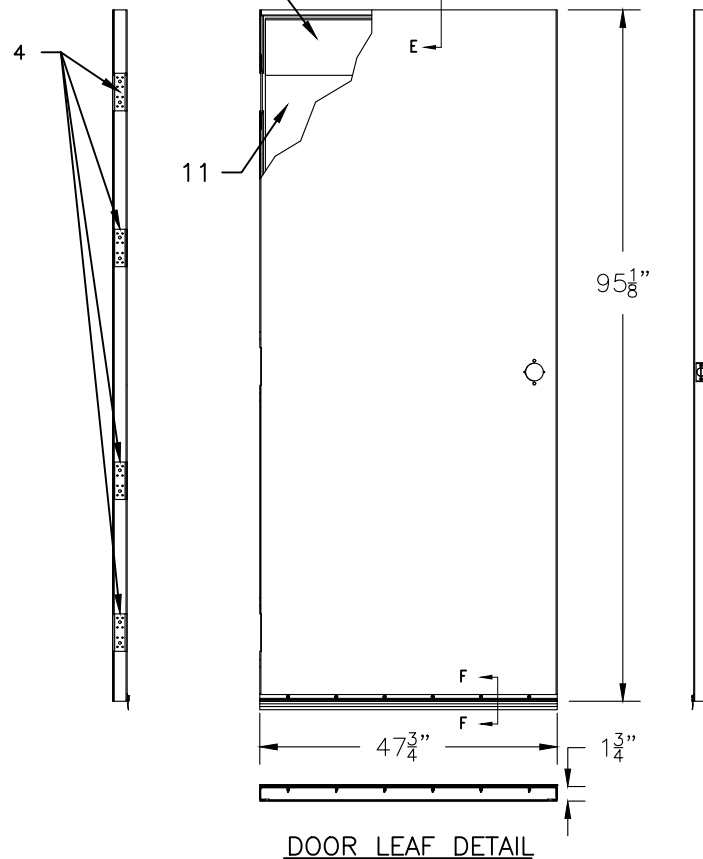
revisions:	no	date	by	description

date: 9-23-16
 scale: AS SHOWN
 dr. by: L.G.
 chk. by:

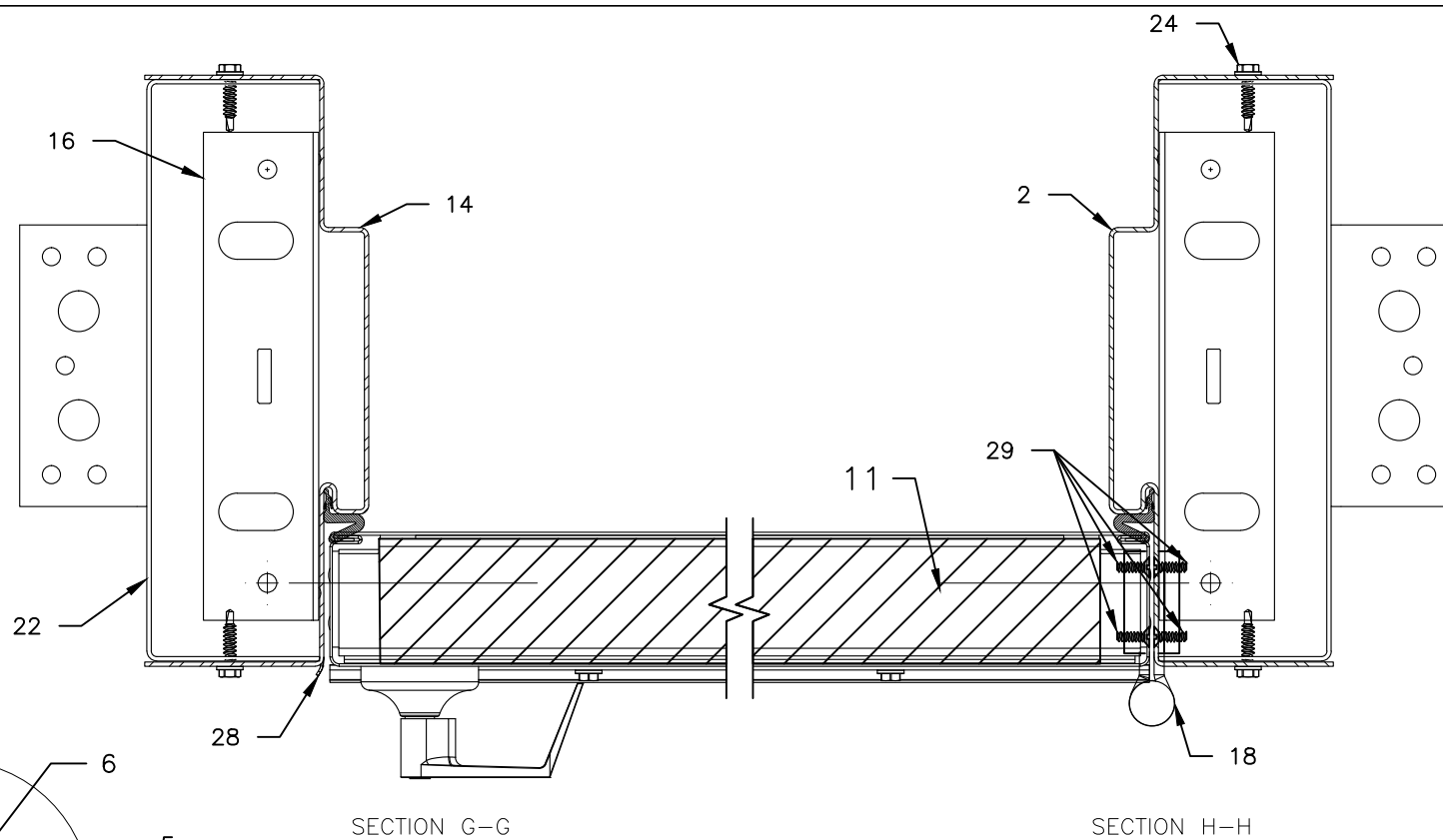
drawing no.
 15-35LTX
 sheet 5 of 9



VERTICAL CROSS SECTION



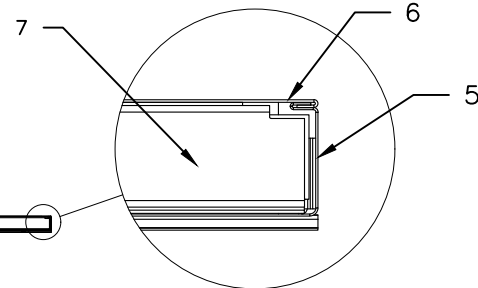
DOOR LEAF DETAIL



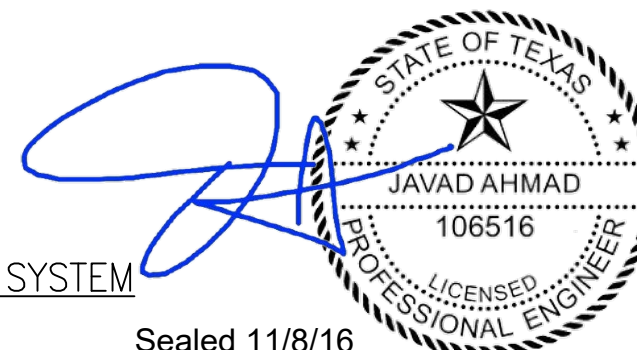
SECTION G-G

SECTION H-H

HORIZONTAL CROSS SECTION



TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM



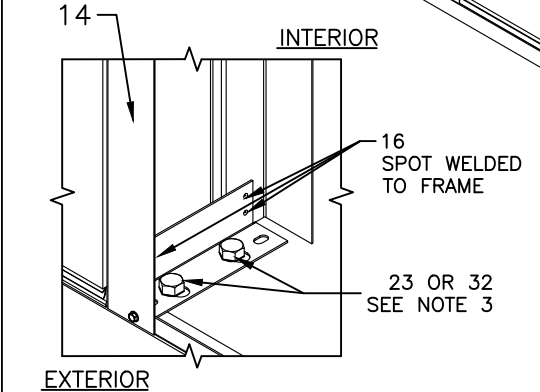
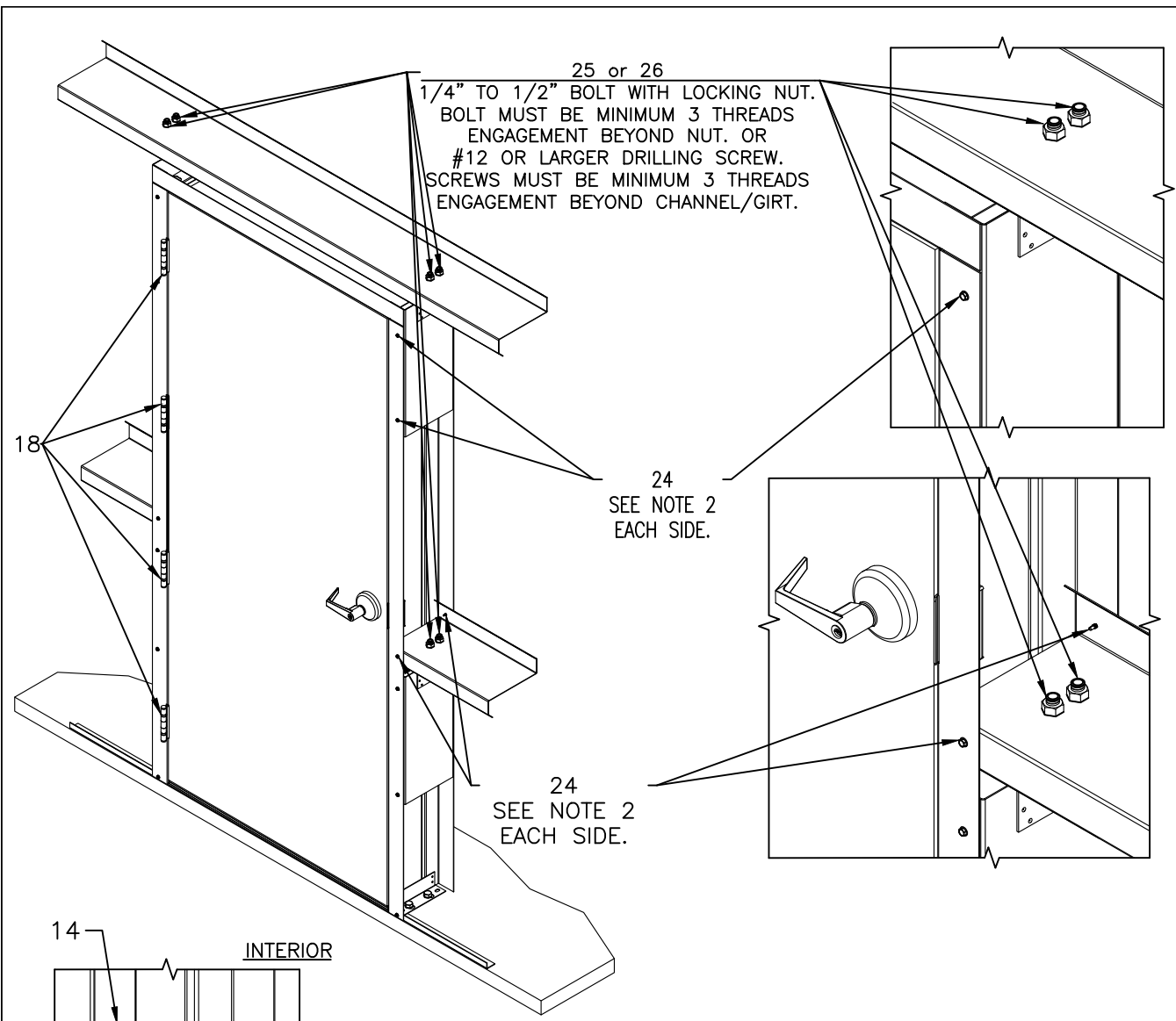
Sealed 11/8/16
EB C.A.N. # 3538

TELSTAR/TIOGA/SPARTAN® OS STEEL DOORS SYSTEM—L.M.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

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

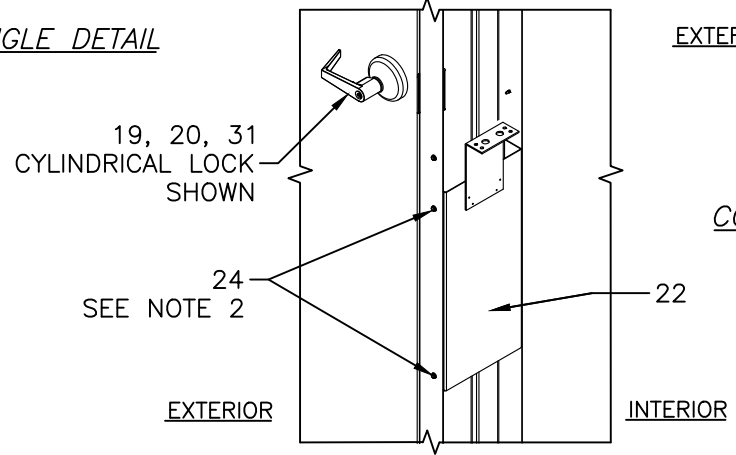
revisions:	
no	description

date: 9-23-16	scale: AS SHOWN	dr. by: L.G.	chk. by:
drawing no. 15-35LTX			
sheet 6 of 9			

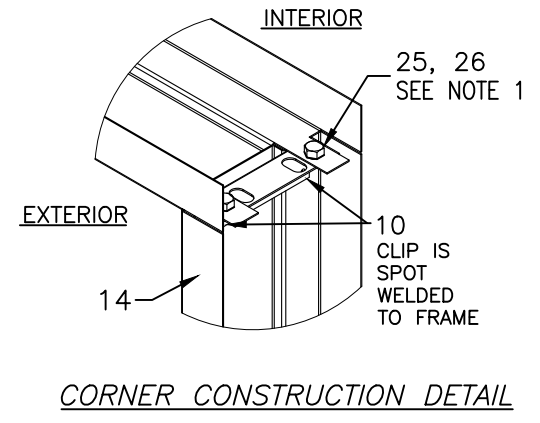


FRAME TO METAL BUILDING INSTALLATION DETAILS

FLOOR BASE ANGLE DETAIL



JAMB EXTENSION ASSEMBLY DETAIL



CORNER CONSTRUCTION DETAIL

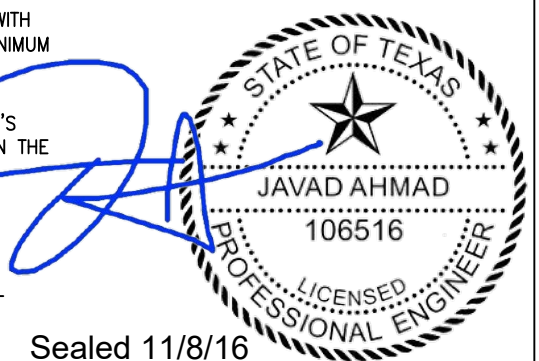
ITEM No.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	MSD72232	HEADER FRAME 2.67" x 0.059" THK. 16GA	GALVANNEAL STEEL	1
2	MSD72232	JAMB FRAME 2.67" x 0.059" THK. 16GA	GALVANNEAL STEEL	1
3	DT101126	THRESHOLD 0.50" x 5.75" x 0.105" THK. 48" TP	6063-T5 ALUMINUM	1
4	MSD10027	HINGE REINFORCEMENT 1.25" x 10.00" 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 ³ 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

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

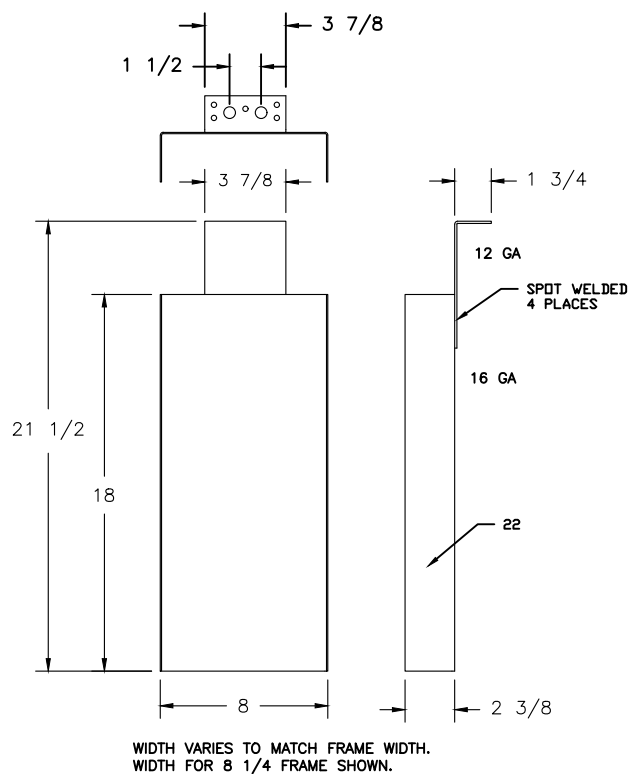
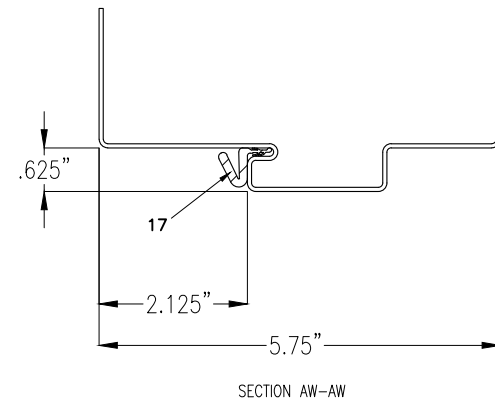
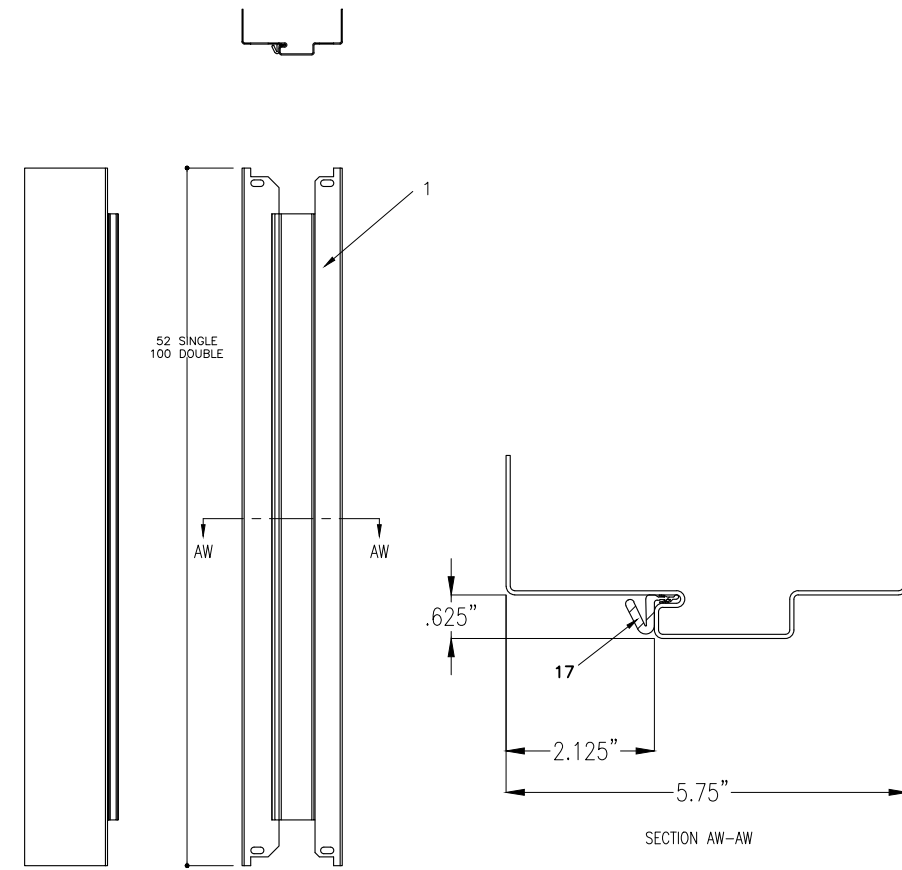
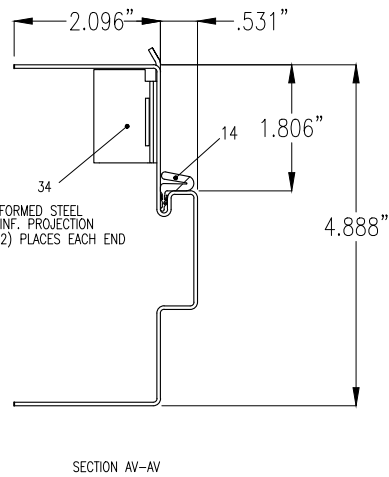
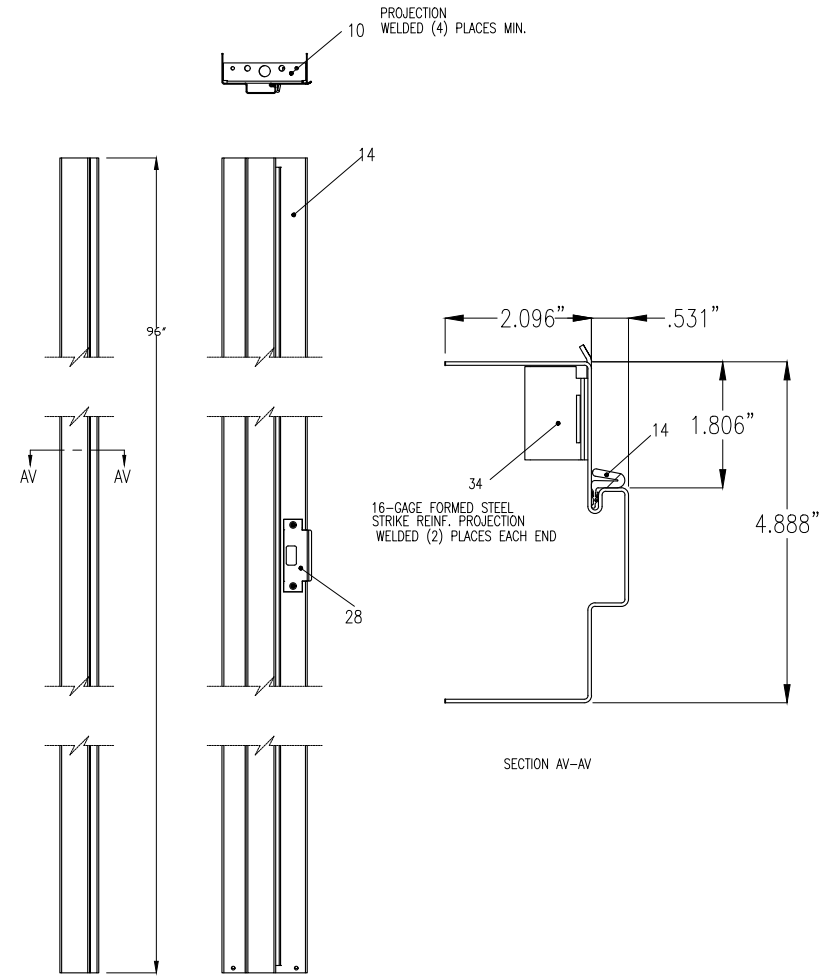
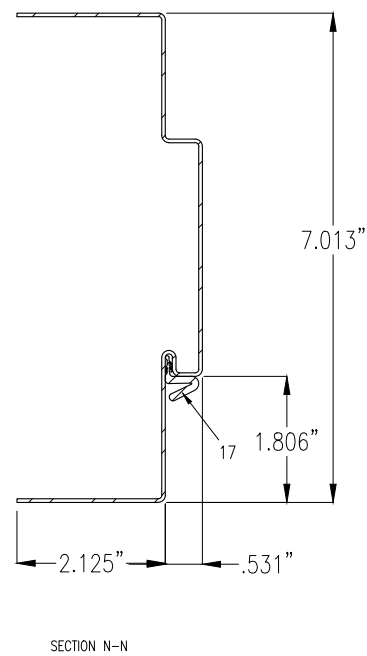
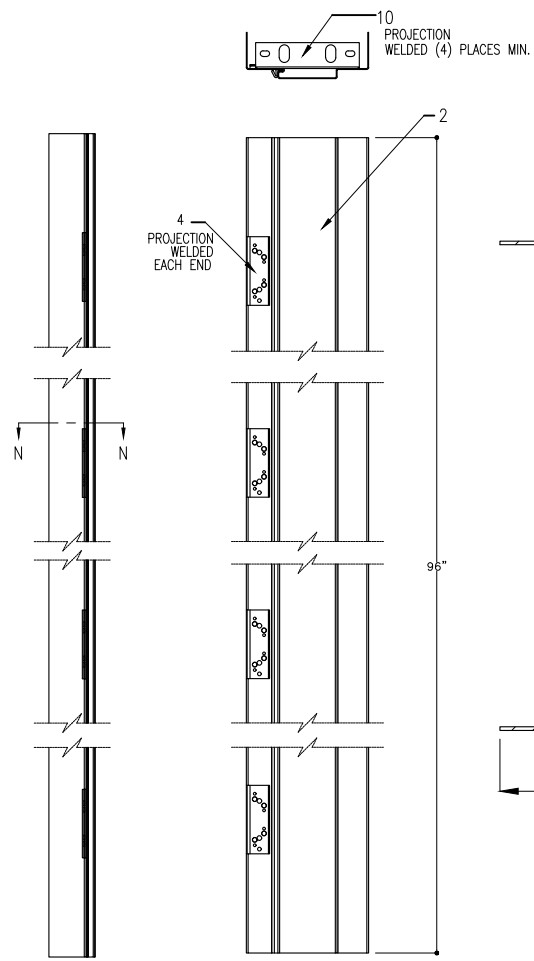
Sealed 11/8/16
EB C.A.N. # 3538



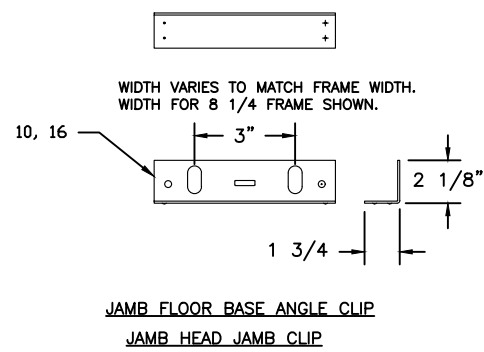
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

TELSTAR/TIOGA/SPARTAN OS STEEL DOORS SYSTEM-L.M.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

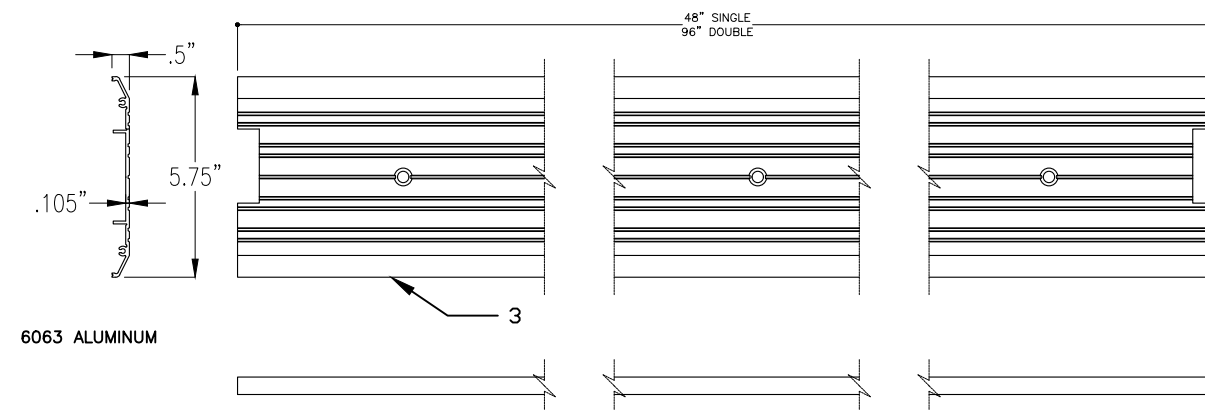
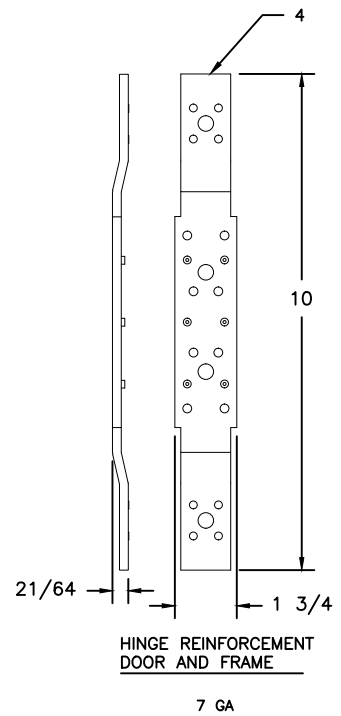
revisions:	no.	date	by	description
date:	9-23-16			
scale:	AS SHOWN			
dr. by:	L.G.			
chk. by:				
drawing no.	15-35LTX			
sheet	7 of 9			



JAMB EXTENSION ASSEMBLY



JAMB FLOOR BASE ANGLE CLIP
JAMB HEAD JAMB CLIP



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 TDI APPROVAL/15-35LTX

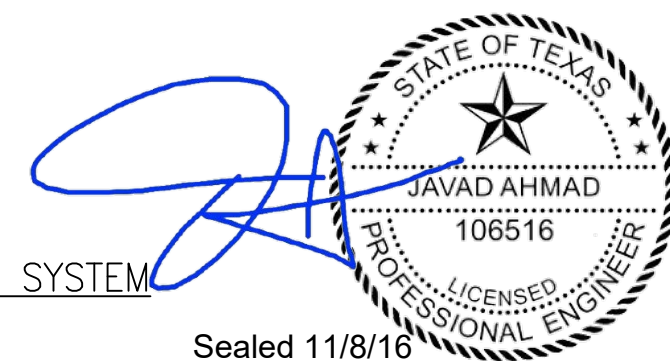
TELSTAR/TIOGA/SPARTAN® OS STEEL DOORS SYSTEM-L.M.I.
TELL MANUFACTURING, INC.
 18 RICHARD DRIVE · LITITZ,
 PENNSYLVANIA 17543
 TOLL FREE: 1-800-433-4047 · 1-717-625-2990 ·
 FAX: 1-888-370-3253

no	date	description

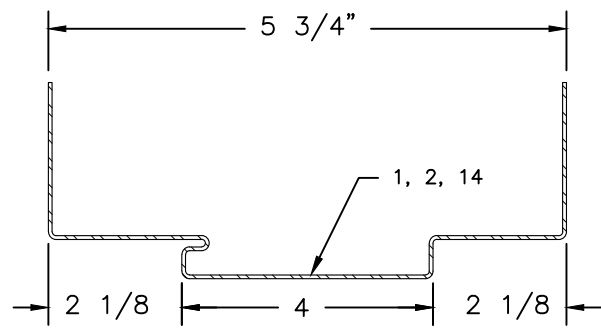
date: 9-23-16	scale: AS SHOWN	dr. by: L.G.	chk. by:
---------------	-----------------	--------------	----------

drawing no.
15-35LTX
 sheet 8 of 9

TIOGA/SPARTAN SERIES SINGLE STEEL DOOR SYSTEM

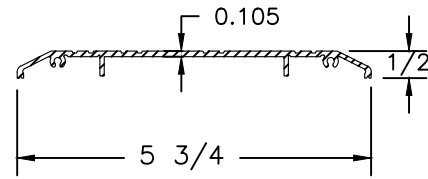


Sealed 11/8/16
 EB C.A.N. # 3538



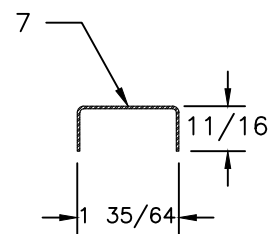
WIDTH VARIES FROM 4 7/8" TO 12 1/4".
5 3/4" FRAME SHOWN.

JAMB PROFILE

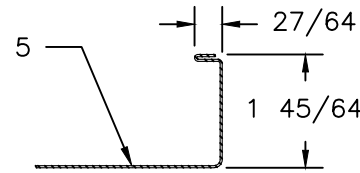


6063 ALUMINUM

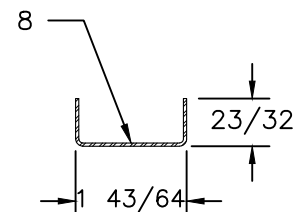
THRESHOLD (0.105" THICKNESS)



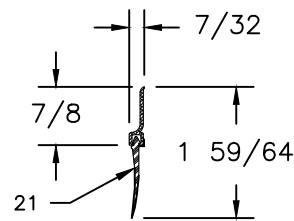
20GA
TOP CAP



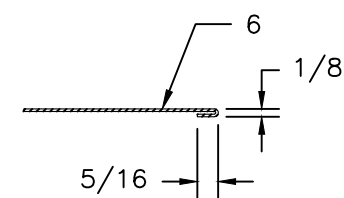
18GA
BOTTOM DOOR SKIN



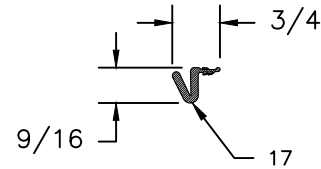
16GA
DOOR CHANNEL



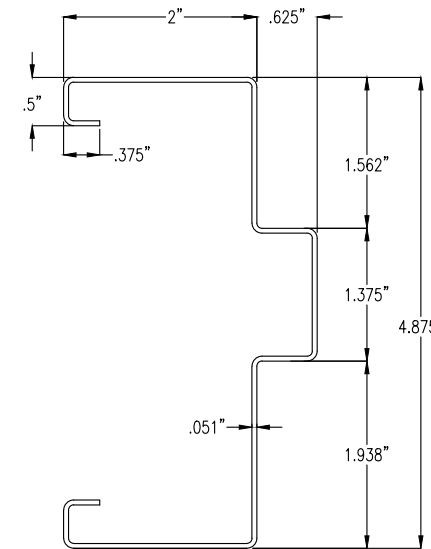
DOOR SWEEP



18GA
TOP DOOR SKIN

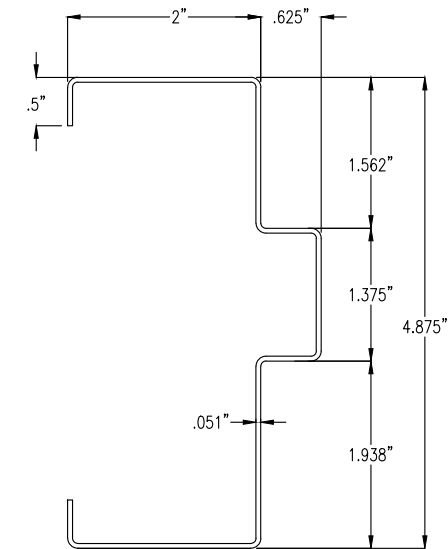


JAMB WEATHERSTRIPPING



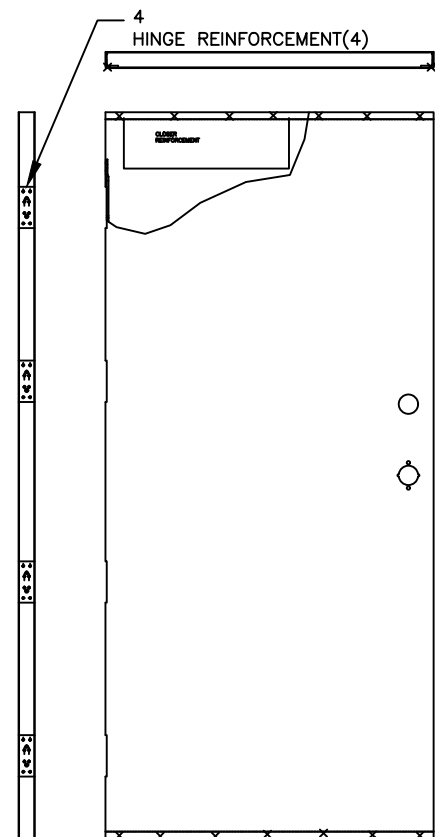
WIDTH VARIES FROM 4 7/8" TO 12 1/4".
4 7/8" FRAME SHOWN.

DRYWALL FRAME

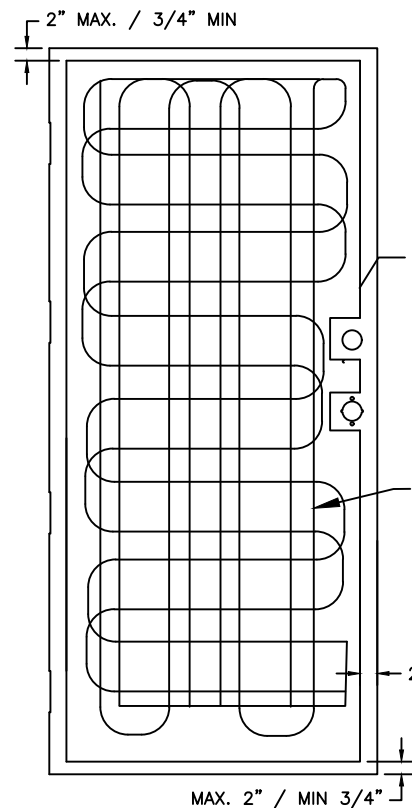


WIDTH VARIES FROM 4 7/8" TO 12 1/4".
4 7/8" FRAME SHOWN.

MASONRY FRAME



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



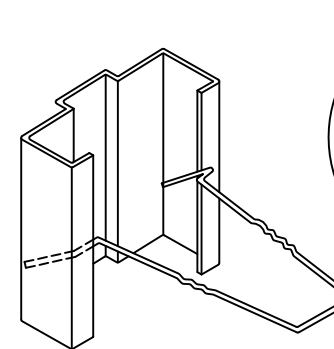
11
FOAM CORE.
DENSITY: 0.733 LB/FT³

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

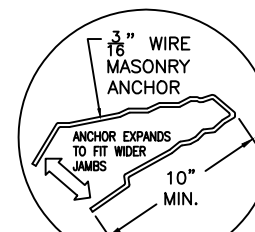
2-1/2" MAX. / 1-1/4" MIN.
BOTH SIDES

MAX. 2" / MIN 3/4"

DOOR LEAF
ASSEMBLY



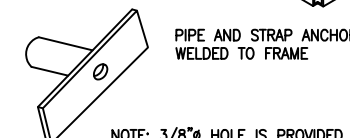
WIRE ANCHOR
AT EVERY BLOCK CELL
MASONRY CONSTRUCTION



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



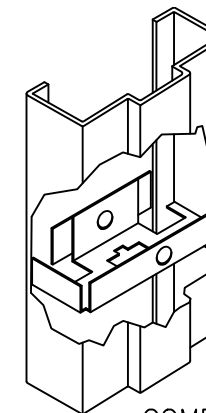
BUTTERFLY ANCHOR
AT 24" O.C. MAX.



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

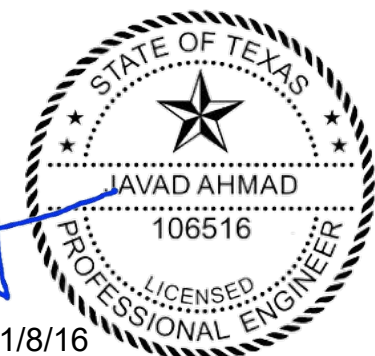


COMBINED ANCHOR
AT 24" O.C. MAX.
PUNCH & DIMPLE ANCHORING

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

[Handwritten Signature]



Sealed 11/8/16
EB C.A.N. # 3538

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9960 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-6100 FAX. (305) 263-8978
TDI APPROVAL/15-35LTX

TELSTAR/TIOGA/SPARTAN® OS STEEL DOORS SYSTEM-L.M.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: 9-23-16
scale: AS SHOWN
dr. by: L.G.
chk. by:
drawing no.
15-35LTX
sheet 9 of 9