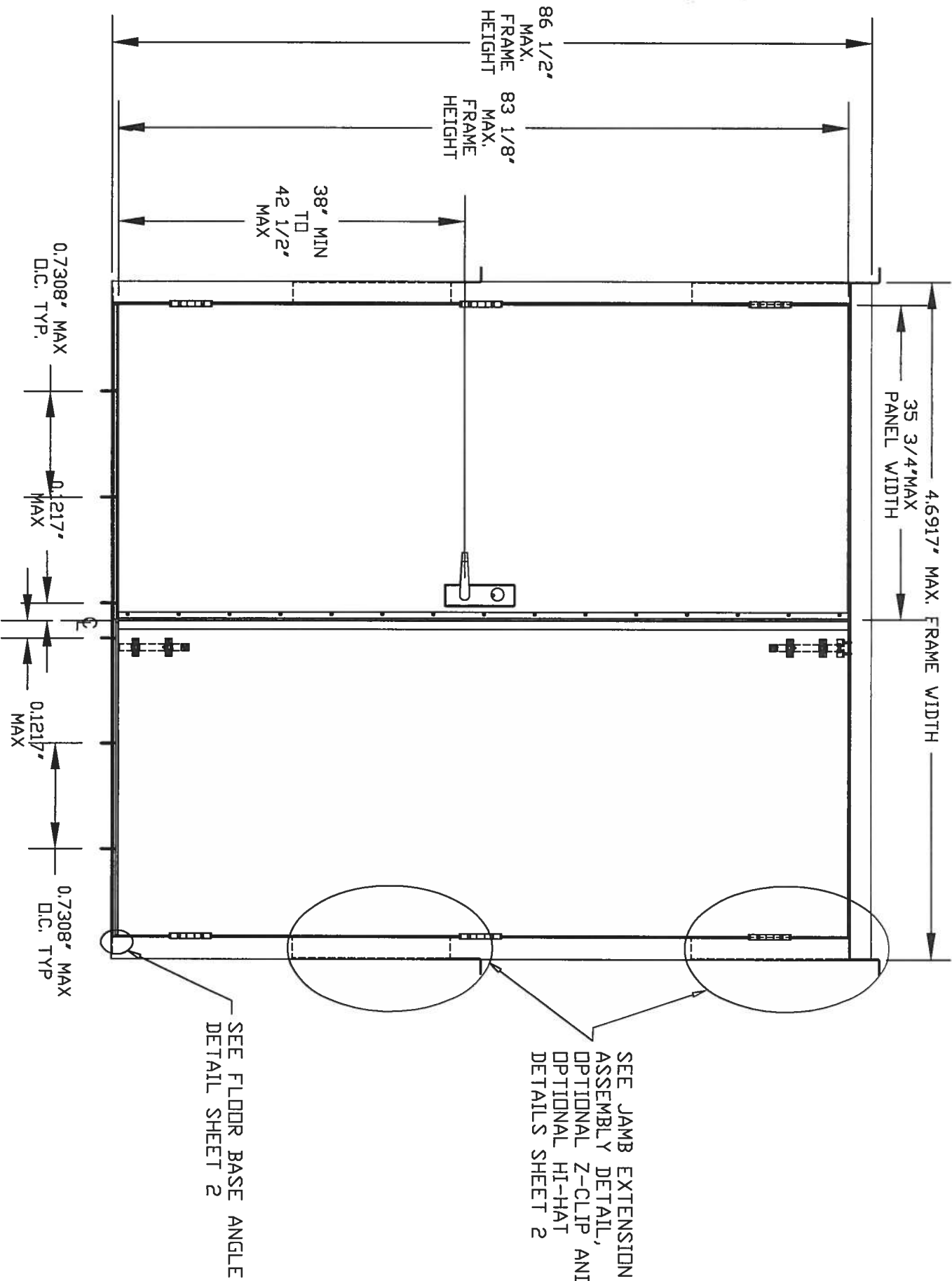




SEE JAMB EXTENSION
ASSEMBLY DETAIL,
OPTIONAL Z-CLIP AND
OPTIONAL HI-HAT
DETAILS SHEET 2

SEE FLOOR BASE ANGLE
DETAIL SHEET 2

- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
 - 2) STEEL FRAMING AND CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) BUILDING GIRT AND OPTIONAL INTERMEDIATE BUILDING GIRT TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. BUILDING GIRT AND OPTIONAL INTERMEDIATE GIRT ARE THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 4) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 5) FRAME MATERIAL: FORMED 16GA. (.053" MIN.) GALVANNEALED STEEL.
 - 6) DOOR PANEL MATERIAL: FORMED 18GA. (.044" MIN.) GALVANNEALED STEEL.
 - 7) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 8) EACH PANEL IS FITTED WITH THREE HINGES LOCATED AT 6" MINIMUM UPTO 10" MAXIMUM FROM EACH END WITH ONE AT PANEL MIDSPAN.

HARDWARE SCHEDULE

A.	ML 1300 MORTISE LOCK BY TELL MANUFACTURING, INC.
B.	STEEL SURFACE BOLTS 988Y BY YALE SECURITY, INC.
C.	STEEL ASTRAGAL .140" THICK BY TELL DOORS & WINDOWS, LLC
D.	STEEL HINGES H4545 BY TELL MANUFACTURING, INC.
E.	ALUMINUM THRESHOLD 1/2" HIGH BY HOUSTON NON-FERROUS

TABLE OF CONTENTS

SHEET NO	DESCRIPTION
1	ELEVATION, ANCHORING LAYOUT AND NOTES
2	DETAILS AND NOTES
3	BILL OF MATERIALS AND CROSS SECTION
4	CROSS SECTION
5 - 6	INSTALLATION DETAILS
7 - 8	COMPONENTS

TIDGA DOORWAY SYSTEM TDS-D-KD-WS EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
± 50PSF	LARGE AND SMALL MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED.	

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Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Digitally signed by Robert J Amoruso

Date: 2017.04.07 13:06:10 -04'00'

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775 | LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935

THIRD ANGLE PROJECTION

DRAFTER	DATE	TELL DOORS & WINDOWS, LLC. 2505 WEST 11TH STREET, HOUSTON, TEXAS 77008
CHECKED	DATE	
ENGINEER	DATE	
APPROVED	DATE	

SIZE B

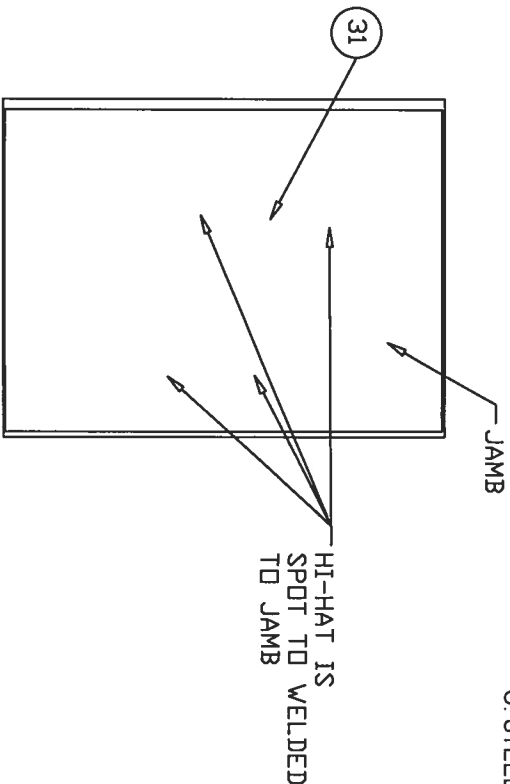
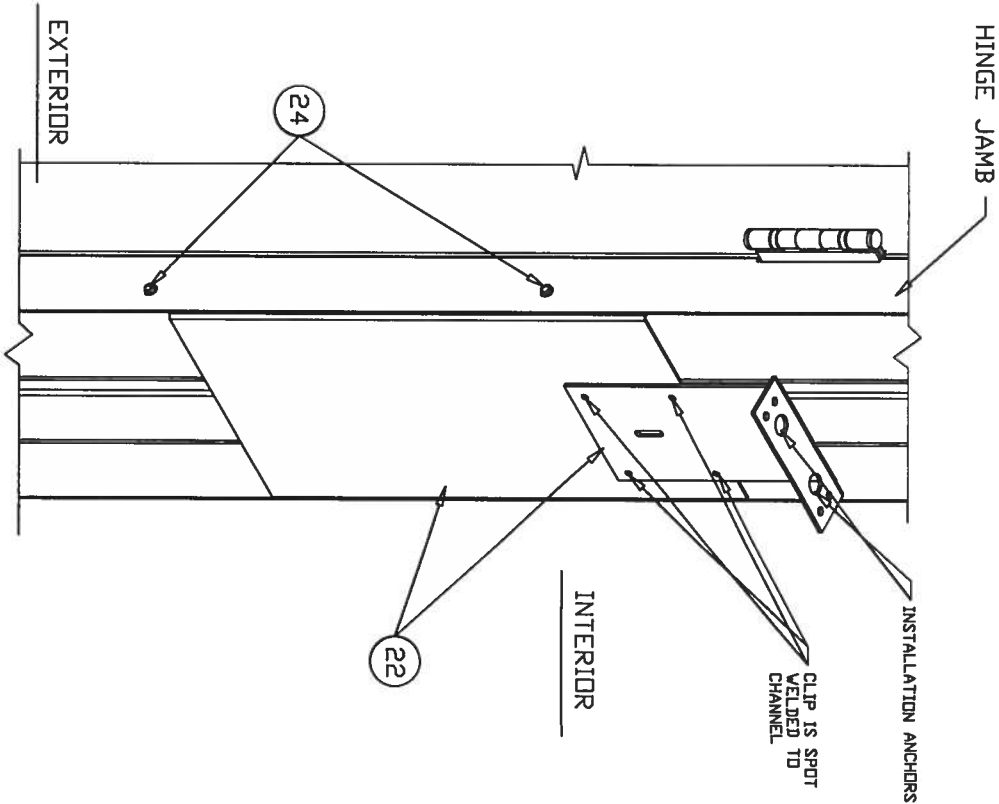
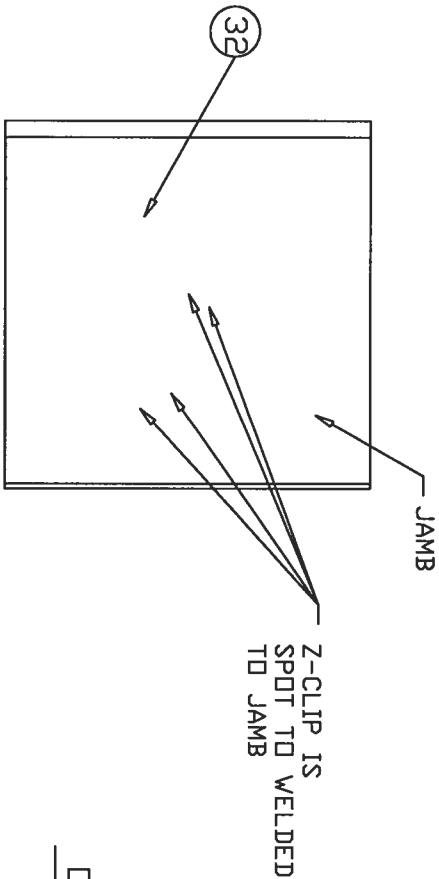
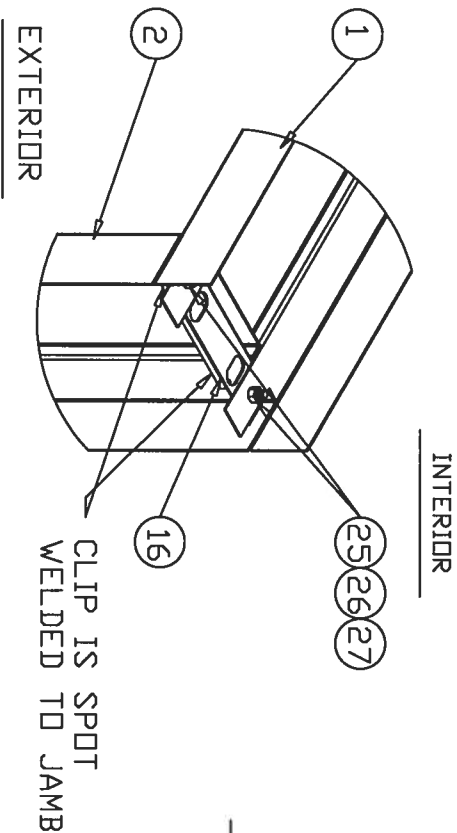
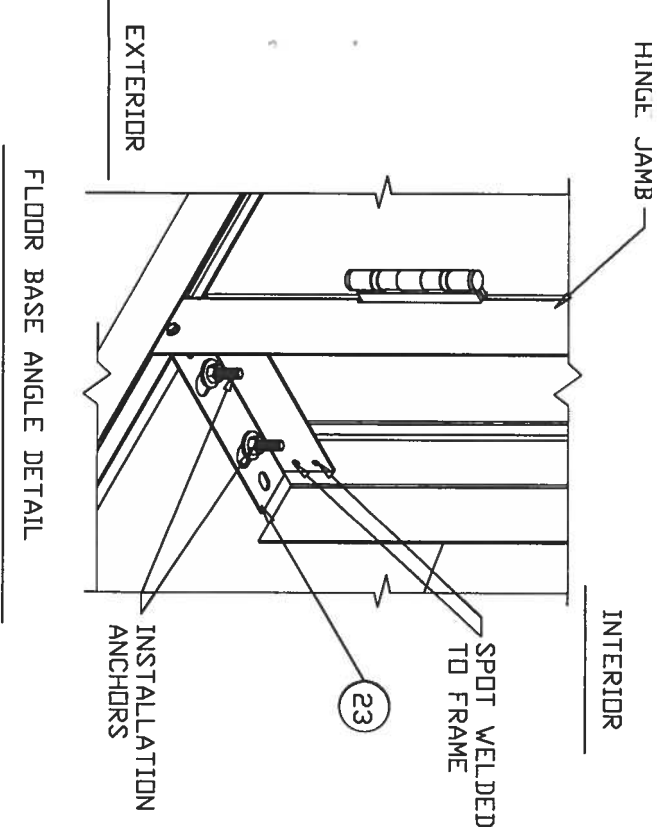
RELEASE STATE

DWG NO 08-01018

SCALE

FINAL

REV B



NOTES:

- 1) FOR ANCHORING JAMB EXTENSION ASSEMBLY TO 16GA. (.060" MIN.) STEEL FRAMING USE 5/16"-18 BOLT WITH 5/16"-18 NUT AND 5/16" WASHER. BOLT TO BE OF SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM BEYOND NUT. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 2) FOR ANCHORING OPTIONAL Z-CLIP AND HI-HAT ANCHOR CHANNELS TO 16GA. (.060" MIN.) STEEL FRAMING USE (2) 5/16" SELF TAPPING SCREWS OR (4) #12 TEK SCREWS, BOTH OF SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM BEYOND ANCHOR CHANNELS. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. SEE NOTE SHEET 6.
- 3) FOR ANCHORING FLOOR BASE ANGLE INTO CONCRETE USE:
 - 5/16" MINIMUM 90° L-BOLT SET IN CONCRETE WITH 5/16" NUT AND WASHER. BOLT TO BE OF SUFFICIENT LENGTH TO ACHIEVE 6" MINIMUM EMBEDMENT INTO CONCRETE AND 3-THREADS MINIMUM BEYOND NUT AND WASHER WITH 2 3/4" MINIMUM EDGE DISTANCE. 90° L-BOLT TO BE MINIMUM A36 STEEL.
 - 3/8" HILTI KWIK BOLT 3 OF SUFFICIENT LENGTH TO ACHIEVE 2 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 4 1/2" MINIMUM EDGE DISTANCE
 - 3/8" WEDGE BOLT OF SUFFICIENT LENGTH TO ACHIEVE 2" MINIMUM EMBEDMENT INTO CONCRETE WITH 4 1/2" MINIMUM EDGE DISTANCE.
 - 5/16" ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4" MINIMUM EMBEDMENT INTO CONCRETE WITH 3 3/16" MINIMUM EDGE DISTANCE. LOCATE ALL ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 4) FOR ANCHORING THRESHOLD INTO CONCRETE USE 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 5) FOR ANCHORING JAMB EXTENSION ASSEMBLY, FLOOR BASE ANGLE, OPTIONAL Z-CLIP ANCHOR CHANNEL OR OPTIONAL HI-HAT ANCHOR CHANNEL TO WOOD SUBSTRATE USE 5/16" LAG SCREW WITH MINIMUM EMBEDMENT OF 1-3/4", MINIMUM EDGE DISTANCE OF 1-1/4" AND MINIMUM SPACING OF 1-1/4". LOCATE ALL ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 6) WASHERS SHALL BE USED WHEN ANCHORS ARE INSTALLED IN OVERSIZE HOLES (CLIP HOLE DIAMETER 1/16" GREATER DIAMETER THAN ANCHOR DIAMETER).
 - 7) MINIMUM 2 ANCHORS PER JAMB EXTENSION ASSEMBLY, FLOOR BASE ANGLE, OPTIONAL Z-CLIP ANCHOR CHANNEL OR OPTIONAL HI-HAT ANCHOR CHANNEL FOR ATTACHMENT TO SUPPORTING SUBSTRATE.
 - 8) ALL FASTENERS TO BE CORROSION RESISTANT.
 - 9) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42 (NON-HVHZ) AND G=0.55 (HVHZ).
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. STEEL FRAMING, 16GA. (.060" MIN.)

OPTIONAL HI-HAT ANCHOR CHANNEL DETAIL

OPTIONAL Z-CLIP ANCHOR CHANNEL DETAIL

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DRAFTER	DATE	TITLE TIDGA DOORWAY SYSTEM TDS-D-KD-WS DS STEEL DOUBLE DOOR - IMPACT DETAILS AND NOTES	
CHECKED	DATE		
ENGINEER	DATE		
APPROVED	DATE		
	DATE	SIZE	DWG NO
	DATE		

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Digitally signed
by Robert J
Amoruso
Date:
2017.04.07
13:06:57 -04'00'

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775 | LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 258935
Phone: 321.680.1788 | Email: info@ptc-corp.com

THIRD ANGLE PROJECTION

SCALE N 1/4" = 1"

RELEASE STATE

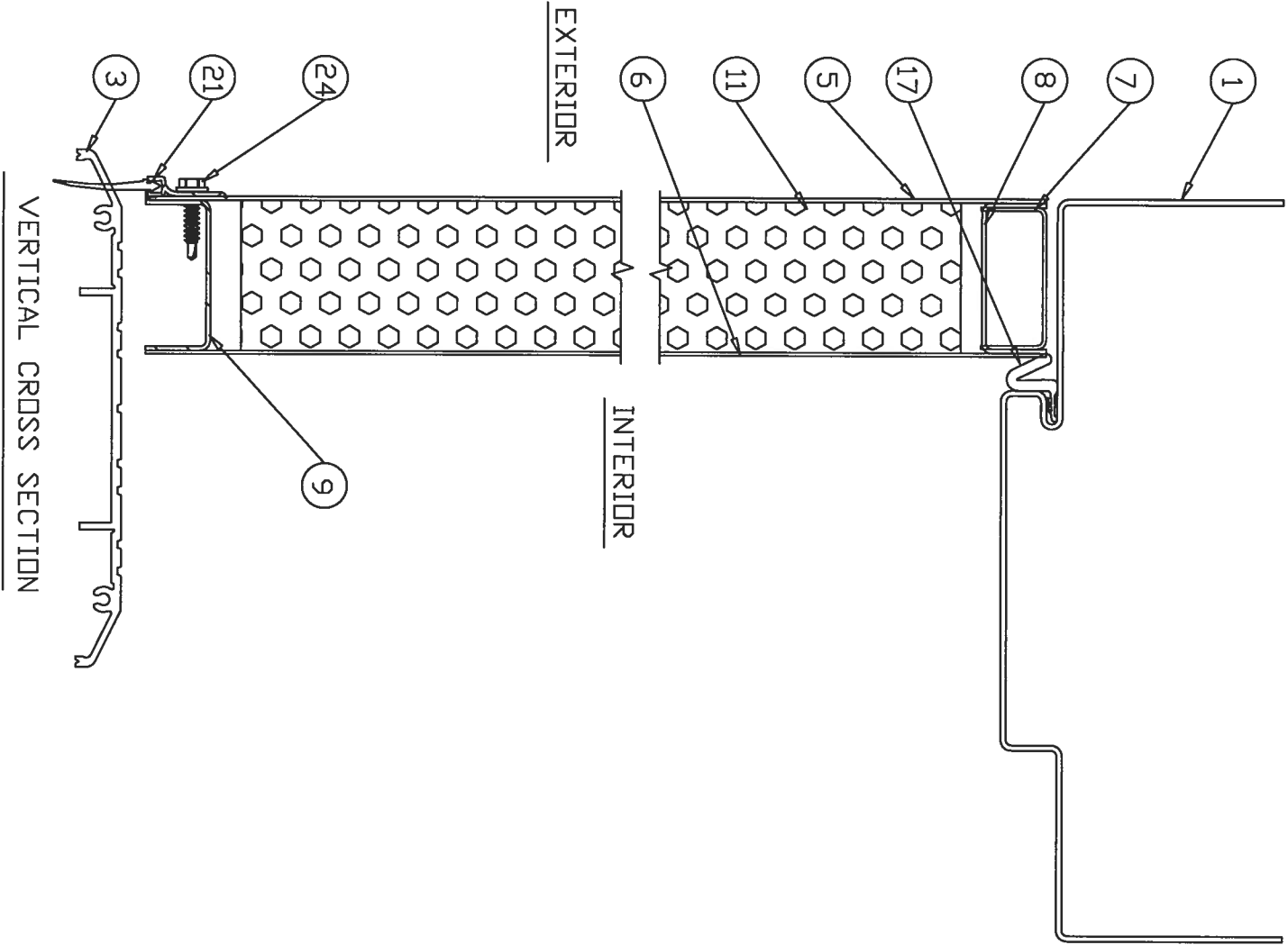
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08-01018

SHEET 1

NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	T-1.3.1	TIDGA KD HEAD JAMB 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
2	T-1.2	TIDGA KD HINGE JAMB 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
3	T-1.7	THRESHOLD, 1/2" HIGH	HOUSTON NON-FER.	ALUMINIUM 6063-T5
4	T-1.2.2	FRAME HINGE REINFORCEMENT 10GA.	DAYTON INDUSTRIES	GALVANNEALED STEEL
5	T-1.1.1	TIDGA BOTTM DOOR SKIN 18GA.	TELL MANUFACT.	GALVANNEALED STEEL
6	T-1.1.2	TIDGA TOP DOOR SKIN 18GA.	TELL MANUFACT.	GALVANNEALED STEEL
7	T-1.1.3	TOP CAP DOOR CHANNEL 20GA.	TELL MANUFACT.	GALVANNEALED STEEL
8	T-1.1.4	TOP DOOR CHANNEL 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
9	T-1.1.5	BOTTOM DOOR CHANNEL 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
10	T-1.1.6	DOOR HINGE REINFORCEMENT 10GA.	DAYTON INDUSTRIES	GALVANNEALED STEEL
11	T-1.1.7	DOOR FOAM CORE 1 LB/FT ³ DENSITY		POLYSTYRENE
12	T-1.1.8	DOOR CLOSER REINFORCEMENT 12GA.	TELL MANUFACT.	GALVANNEALED STEEL
13	T-1.1.10	MORTISE LOCK REINFORCEMENT 14GA.	TELL MANUFACT.	GALVANNEALED STEEL
14	T-1.1.11	OVERLAP STRIP ASTRAGAL 11 GA.	TELL MANUFACT.	GALVANNEALED STEEL
15	T-1.1.12	INACTIVE DOOR EDGE CHANNEL 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
16	T-1.2.3	HINGE JAMB CLIP 12GA	TELL MANUFACT.	GALVANNEALED STEEL
17	T-1.2.4	FRAME WEATHERSTRIPPING		FDAM
18	T-1.5	HINGES – H4545 SERIES	TELL MANUFACT.	STEEL
19	T-1.68	MORTISE LOCK ML 1300	TELL MANUFACT.	STEEL
20	988Y	SURFACE BOLT	YALE SECURITY	STEEL
21	T-1.8	DOOR SWEEP, DT100101	TELL MANUFACT.	ALUMINIUM 6063-T5
22	T-2	JAMB EXTENSION ASSEMBLY 16 / 12GA	TELL MANUFACT.	GALVANNEALED STEEL
23		FLOOR BASE ANGLE		GALVANNEALED STEEL
24	S1	#12-24 X 1 1/4" HEX HEAD TEK		STEEL
25	B1	5/16"-18 X 3/4" HEX CAP SCREW		STEEL
26	N1	HEX NUT 5/16"		STEEL
27	W1	FLAT WASHER 5/16"		STEEL
28	S2	#8-32 X 1/2" PPH SMS		STEEL
29	S2	#14 X 1/2" PFH SMS		STEEL
30	S3	#10-24 X 1/2" UC PFH SMS		STEEL
31		HI HAT ANCHOR CHANNEL 16GA.	TELL MANUFACT.	GALVANNEALED STEEL
32		Z CLIP ANCHOR CHANNEL 16GA	TELL MANUFACT.	GALVANNEALED STEEL



DRAFTER	DATE	TELL DOORS & WINDOWS, LLC. 2505 WEST 11TH STREET, HOUSTON, TEXAS 77008	
CHECKED	DATE		
ENGINEER	DATE		
APPROVED	DATE		
THIRD ANGLE PROJECTION		TITLE	SIZE
		TIDGA DOORWAY SYSTEM TDS-D-PA-W/S	B
		OS STEEL DOUBLE DOOR – IMPACT	
		BILL OF MATERIALS AND CROSS SECTION	

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Digitally signed
by Robert J
Amoruso
Date:
2017.04.07
13:07:09 -04'00'

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 52075 | LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.680.1788 | Email: info@ptc-corp.com

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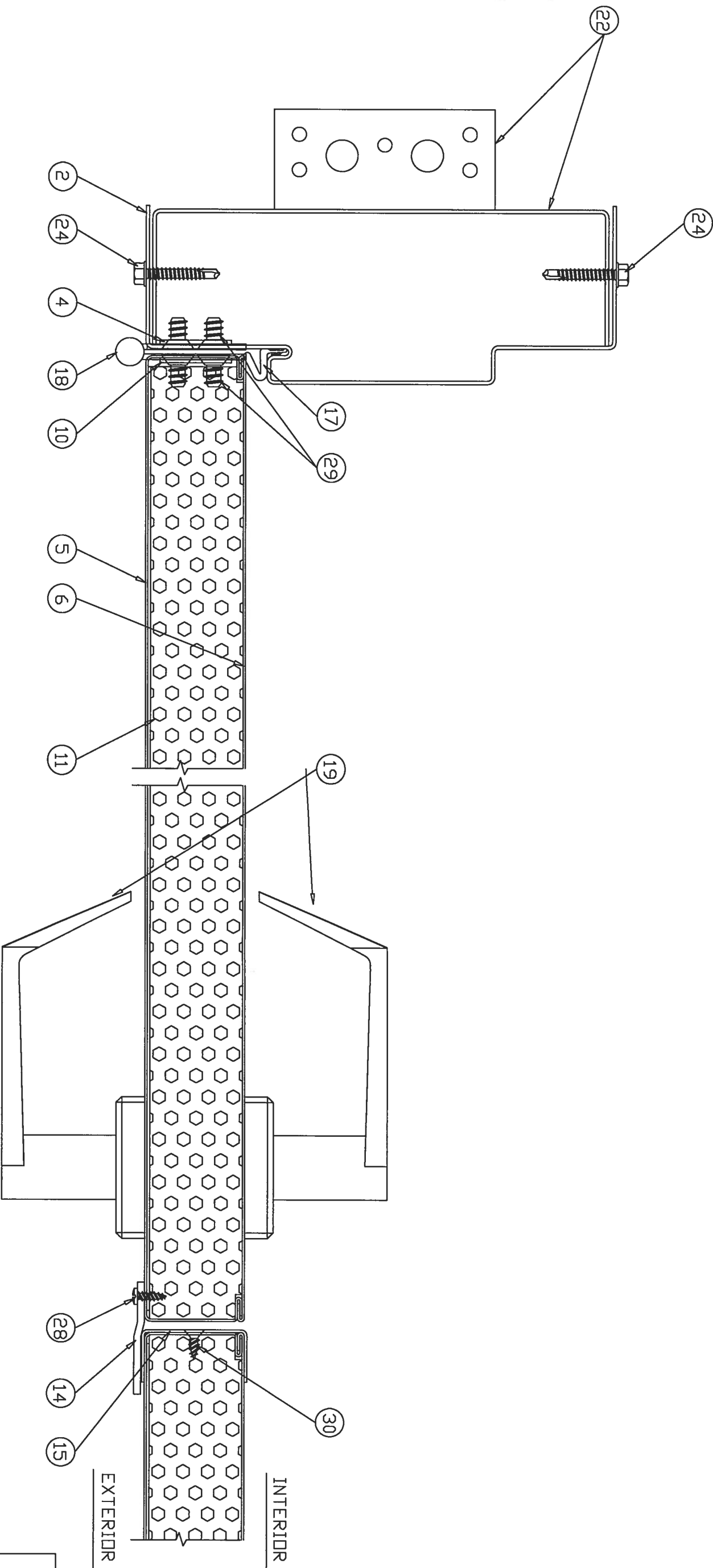
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HORIZONTAL CROSS SECTION

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Amoroso
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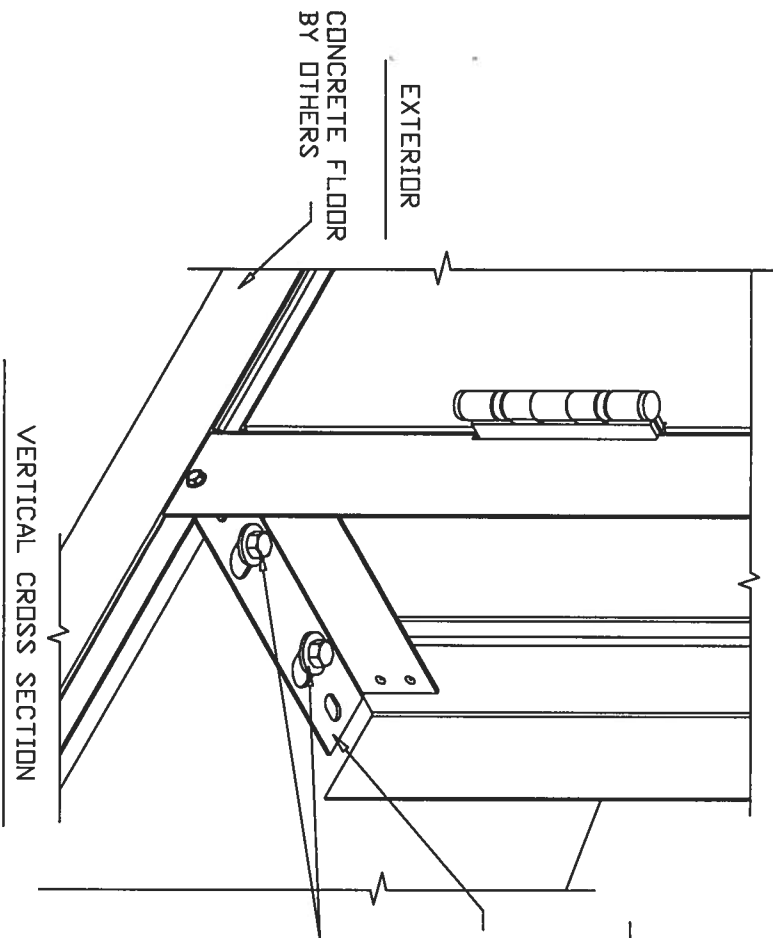
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FBPE C.A. NO. 25935
Phone: 321.690.1788 | Email: info@ptc-corp.com

DRAFTER	DATE	TELL DOORS & WINDOWS, LLC. 2505 WEST 11TH STREET, HOUSTON, TEXAS 77008	
CHECKED	DATE	TITLE TIDGA DODORWAY SYSTEM TDS-D-KD-WS DS STEEL DOUBLE DOOR - IMPACT CROSS SECTION	
ENGINEER	DATE	SIZE B	
TJH	06/03/10	DWG NO 08-01018	
APPROVED	DATE	RELEASE STATE FINAL	
R.J.A.	3/20/17	REV ITER B	

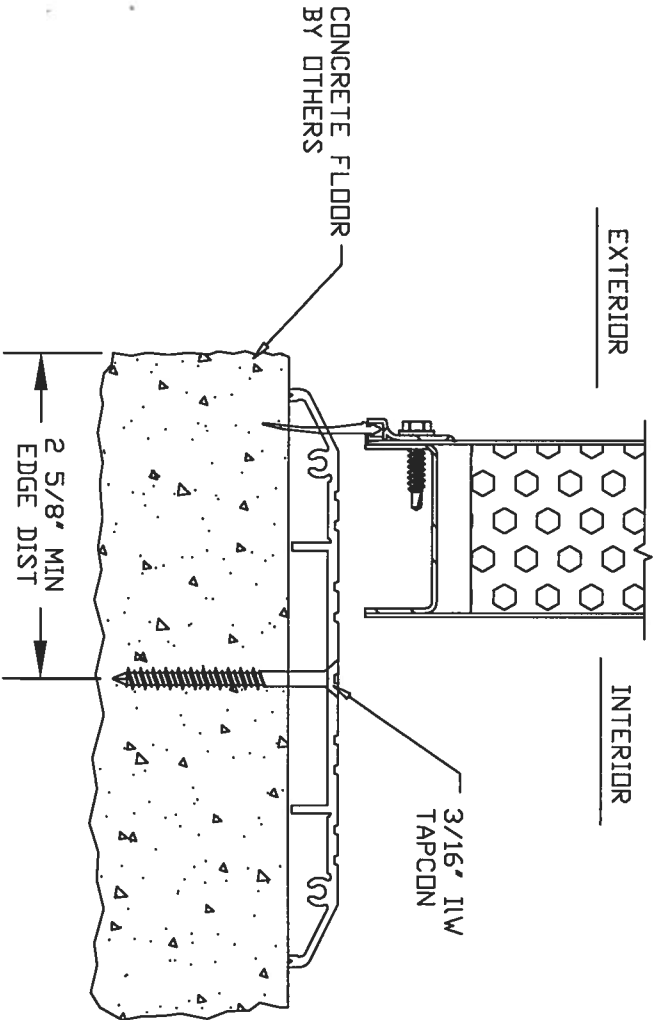
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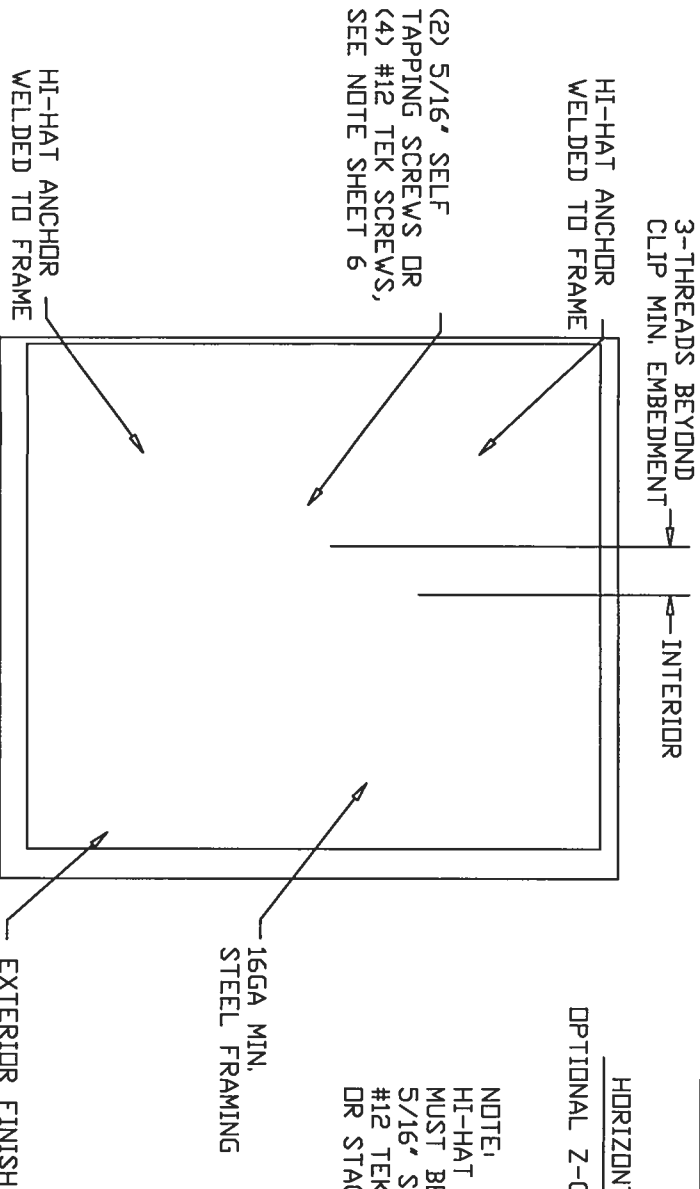
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5/16" 11W TAPCON WITH 1 3/4" MIN. EMBEDMENT INTO CONCRETE AND 3 3/16" MIN. EDGE DIST. OR VERTICAL CROSS SECTION FLOOR BASE ANGLE TO 3/8" WEDGE BOLT ANCHOR WITH 2" MIN. EMBEDMENT INTO CONCRETE AND 4 1/2" MINIMUM EDGE DISTANCE

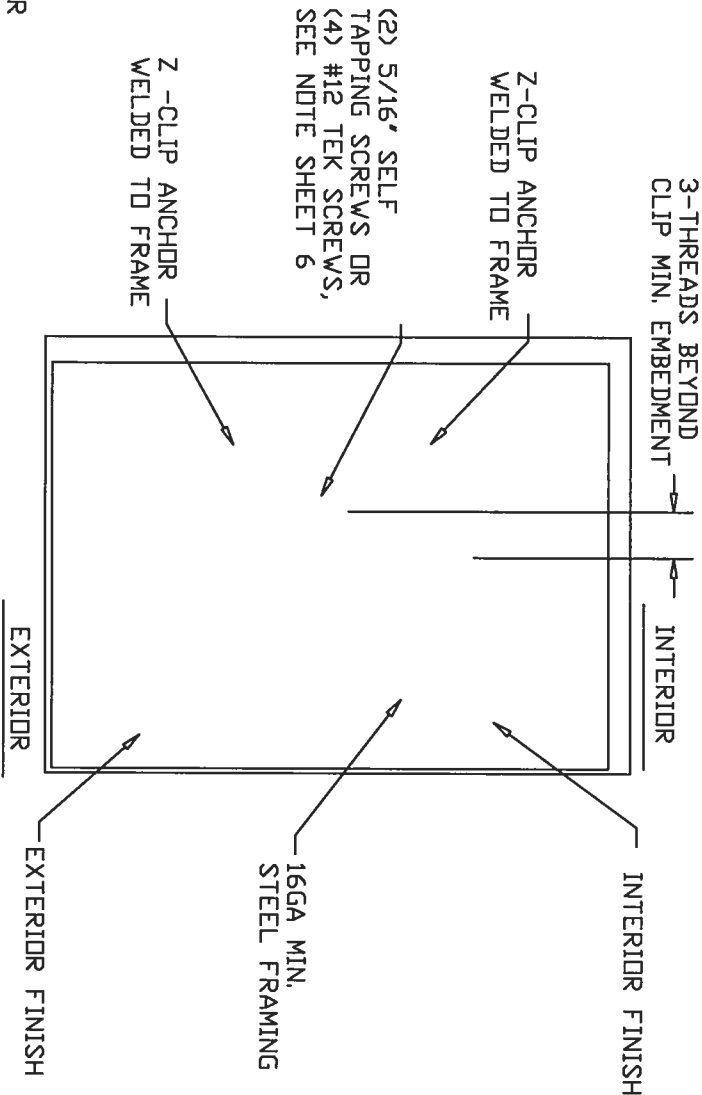


VERTICAL CROSS SECTION
SILL TO CONCRETE FLOOR INSTALLATION



(2) 5/16" SELF TAPPING SCREWS DR (4) #12 TEK SCREWS, SEE NOTE SHEET 6

HORIZONTAL CROSS SECTION
OPTIONAL HI-HAT ANCHOR CHANNEL INSTALLATION



(2) 5/16" SELF TAPPING SCREWS DR (4) #12 TEK SCREWS, SEE NOTE SHEET 6

NOTE:
HI-HAT AND Z-CLIP ANCHOR CHANNELS MUST BE INSTALLED USING EITHER (2) 5/16" SELF TAPPING SCREWS OR (4) #12 TEK SCREWS EITHER SIDE BY SIDE OR STACKED

HORIZONTAL CROSS SECTION
OPTIONAL HI-HAT ANCHOR CHANNEL INSTALLATION

DRAFTER	DATE	TITLE	
CHECKED	DATE	2505 WEST 11TH STREET, HOUSTON, TEXAS 77008	
ENGINEER	DATE	TIDGA DOORWAY SYSTEM TDS-D-KD-WS	
APPROVED	DATE	OS STEEL DOUBLE DOOR - IMPACT	
T JH 06/03/10		INSTALLATION DETAILS	
R.J.A. 3/20/17		TELL DOORS & WINDOWS, LLC.	
DATE		2017.04.07	
DATE		13:07:44 -04'00	
DATE		2017.04.07	
DATE		13:07:44 -04'00	

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

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Date: 2017.04.07 13:07:44 -04'00

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775 | LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788 | Email: info@ptc-corp.com

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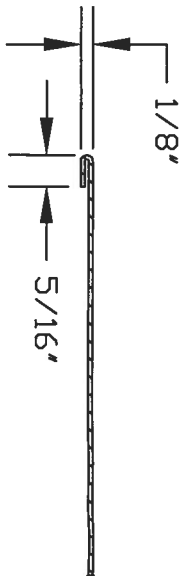
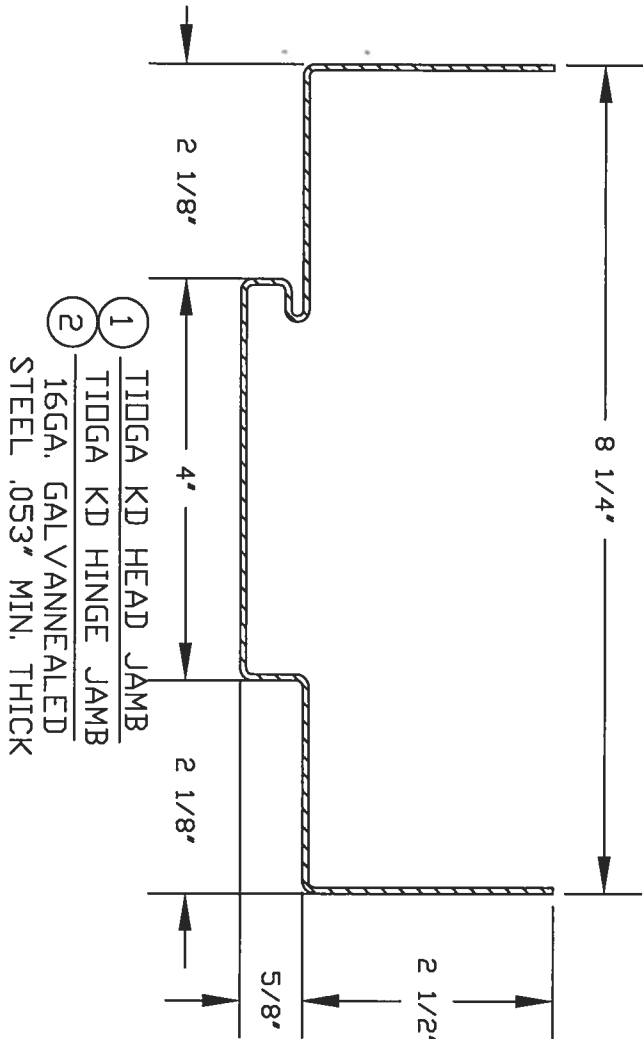
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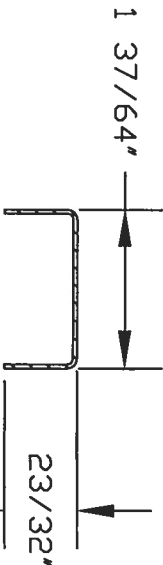


6 TIDGA TOP DOOR SKIN

18GA STEEL .044" MIN. THICK

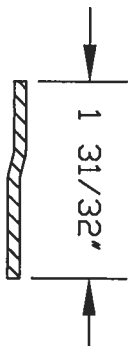
LEFT END SHOWN, RIGHT END IS SIMILAR

ALUMINUM 6063-T5.042" MIN. THICK



7 TOP CAP DOOR CHANNEL

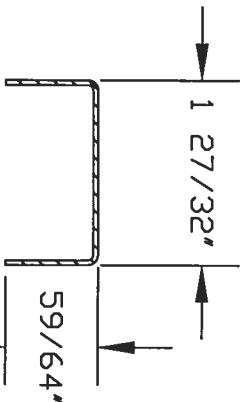
20GA GALVANNEALED STEEL .036" MIN. THICK



14 OVERLAP STRIP

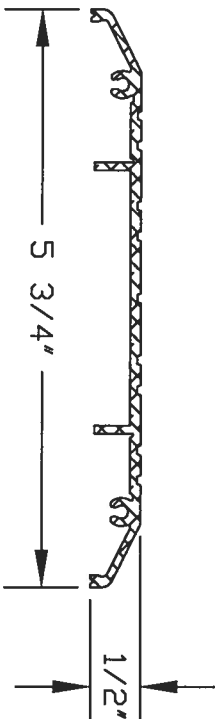
ASTRAGAL

11GA GALVANNEALED STEEL .123" MIN. THICK



15 INACTIVE DOOR EDGE CHANNEL

16GA GALVANNEALED STEEL .053" MIN. THICK

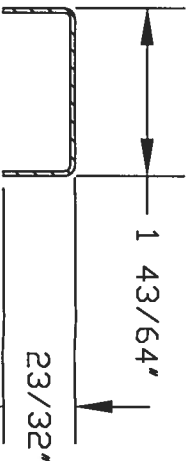
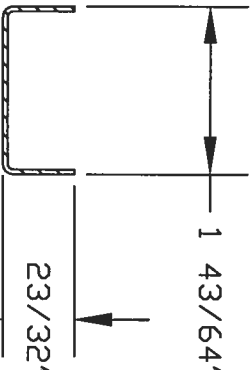


3 THRESHOLD 1/2" HIGH

ALUMINUM 6063-T5 .105" THICK

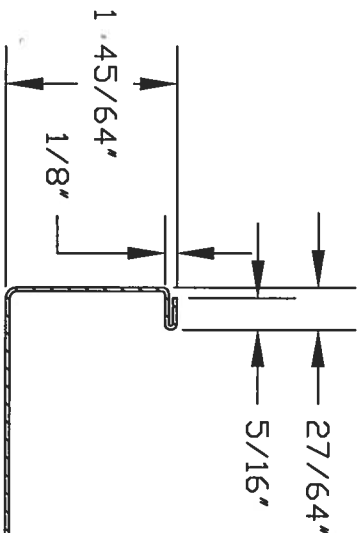
8 TOP DOOR CHANNEL

16GA GALVANNEALED STEEL .053" MIN. THICK



9 BOTTOM DOOR CHANNEL

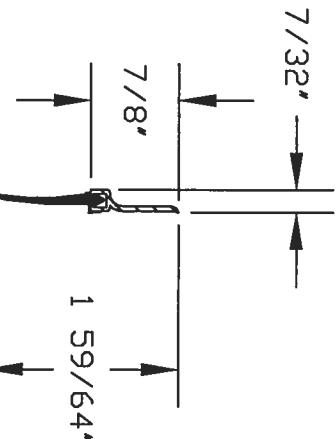
16GA GALVANNEALED STEEL .053" MIN. THICK



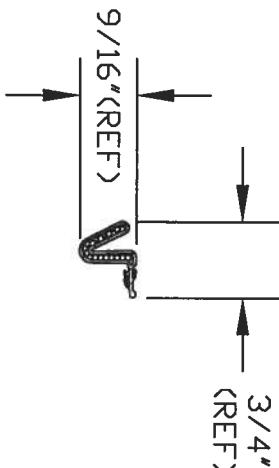
5 TIDGA BOTTOM DOOR SKIN

18GA GALVANNEALED STEEL .044" MIN. THICK

LEFT END SHOWN, RIGHT END IS SIMILAR



21 DOOR SWEEP



17 FRAME WEATHERSTRIPPING

FOAM

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CHECKED	DATE			
ENGINEER	DATE			
APPROVED	DATE			
THIRD ANGLE PROJECTION		TITLE	TIDGA DOORWAY SYSTEM TDS-D-KD-W/S OS STEEL DOUBLE DOOR - IMPACT COMPONENTS	
		SIZE		
		RELEASE STATE		
		DWG NO	08-01018	
		REV	B	
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SCALE

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Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Robert J. Amoruso

by Robert J Amoruso

Date: 2017.04.07

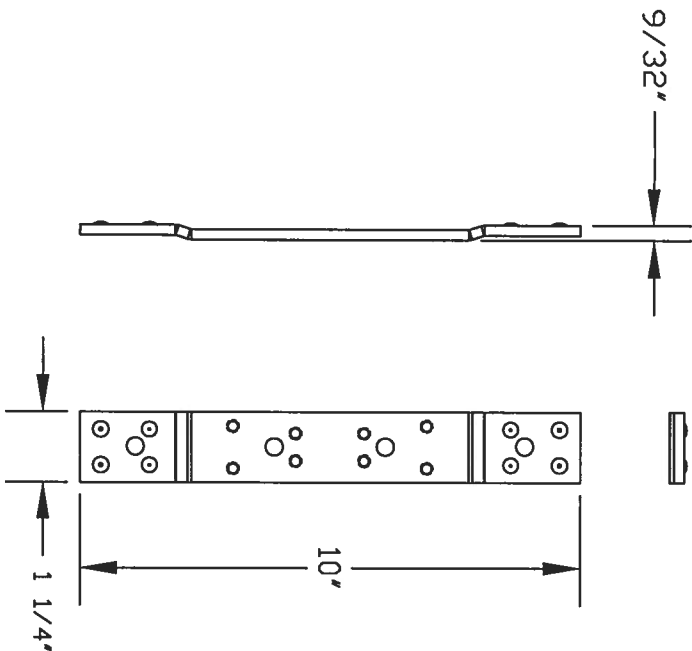
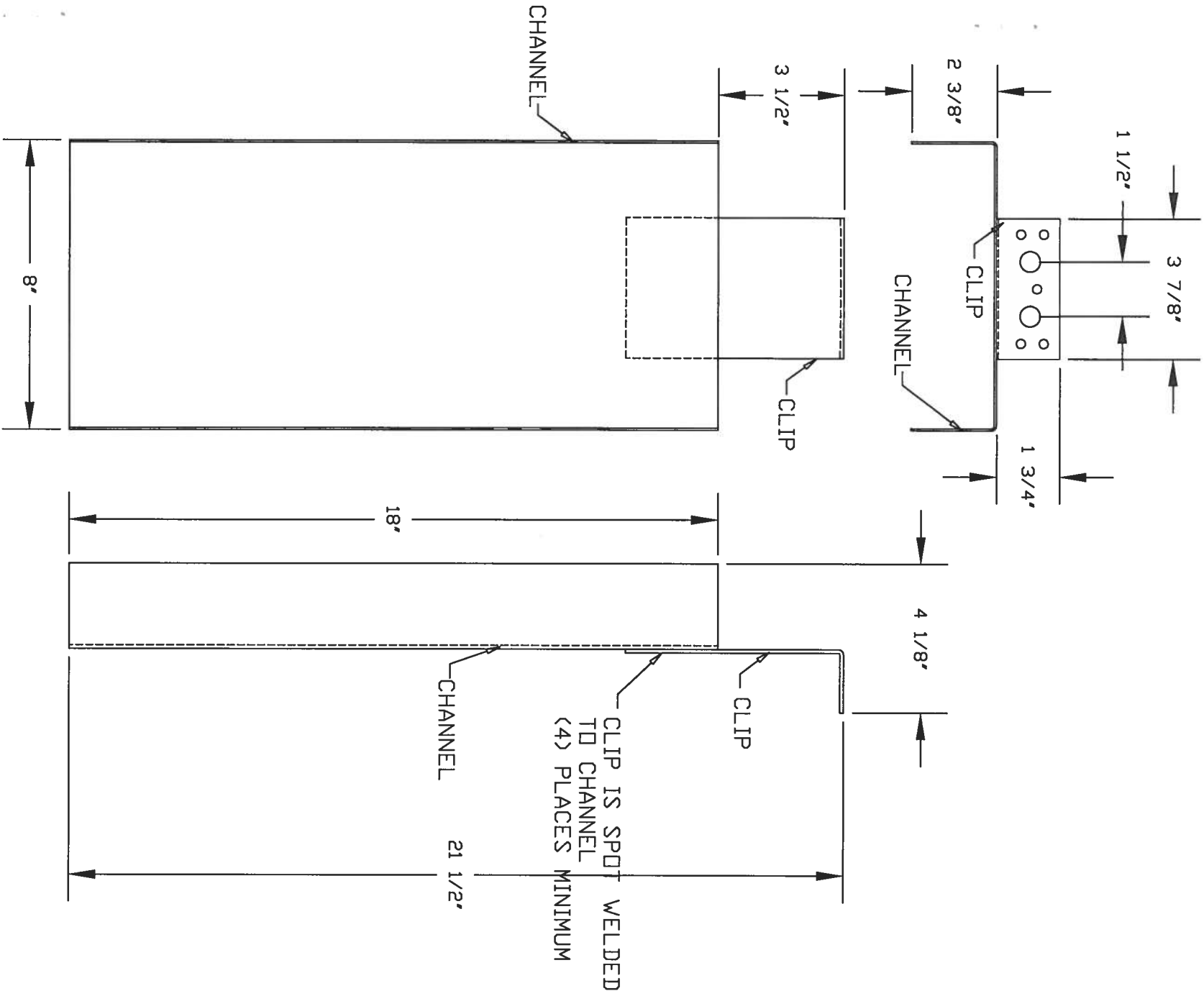
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PTC PRODUCT DESIGN GROUP, LLC

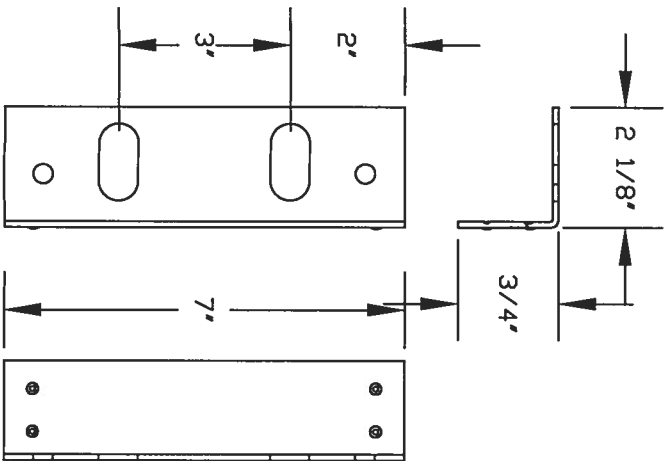
PO BOX 520775 | LONGWOOD, FLORIDA 32752

FBPE C/A NO. 25935

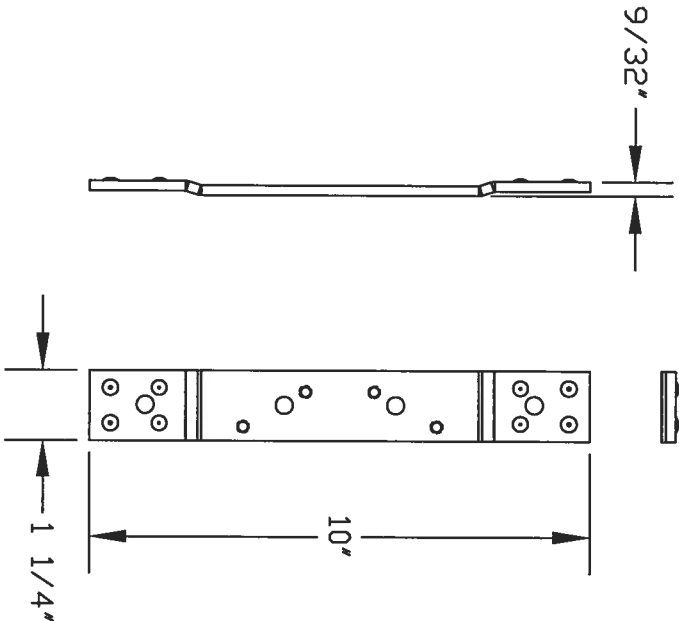
Phone: 321.690.1788 | Email: info@ptc-corp.com



10 DOOR HINGE REINFORCEMENT
10GA, GALVANNEALED STEEL .138"MIN. THICK



16 HINGE JAMB CLIP
23 FLOOR BASE CLIP
12GA, GYVANNEALED
STEEL .108 MIN. THICK



4 FRAME HINGE REINFORCEMENT
10GA, GALVANNEALED STEEL .138\" MIN. THICK

22 JAMB EXTENSION ASSEMBLY
16GA GALVANNEALED STEEL .053\" MIN. THICK (CHANNEL)
12GA GALVANNEALED STEEL .108\" MIN. THICK (CLIP)

TELL MFG		Hardware & Home Improvement	
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DRAFTER	DATE	THIRD ANGLE PROJECTION	
CHECKED	DATE	SCALE NIT 1/8\"	
ENGINEER	DATE	RELEASE STATE	
TJH	06/03/10	REV B	
APPROVED		08-01018	
R.J.A.		FINAL	
3/20/17		SHEET 8 OF 8	

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

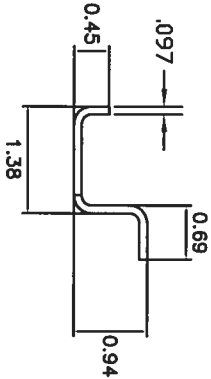
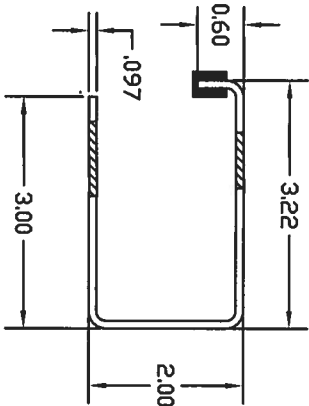
Digitally signed
by Robert J
Amoruso
Date:
2017.04.07
13:08:06 -04'00'

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775 | LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 25935
Phone: 321.690.1788 | Email: info@ptc-corp.com

REV	REVISION	DATE	APPROVAL
1	MODIFIED FOR TDI	1-31-14	BA

OPENING HEIGHT	THRU 8'-0"	OVER 8'-0" THRU 10'-0"	OVER 10'-0" THRU 14'-0"	OVER 14'-0" THRU 16'-0"	OVER 16'-0" THRU 18'-0"	OVER 18'-0" THRU 20'-0"
VERTICAL HEADROOM	18'	20'	21'	22'	23'	24'
HORIZONTAL HEADROOM	19'	21'	22'	23'	24'	25'

MINIMUM HEADROOM DIMENSIONS

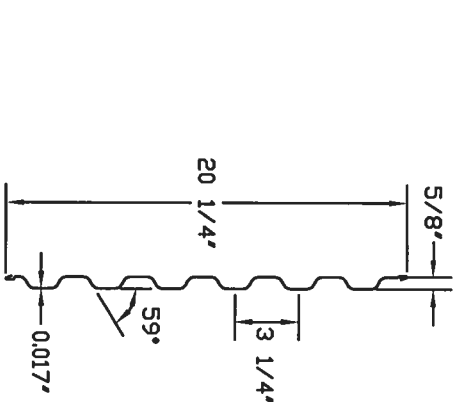
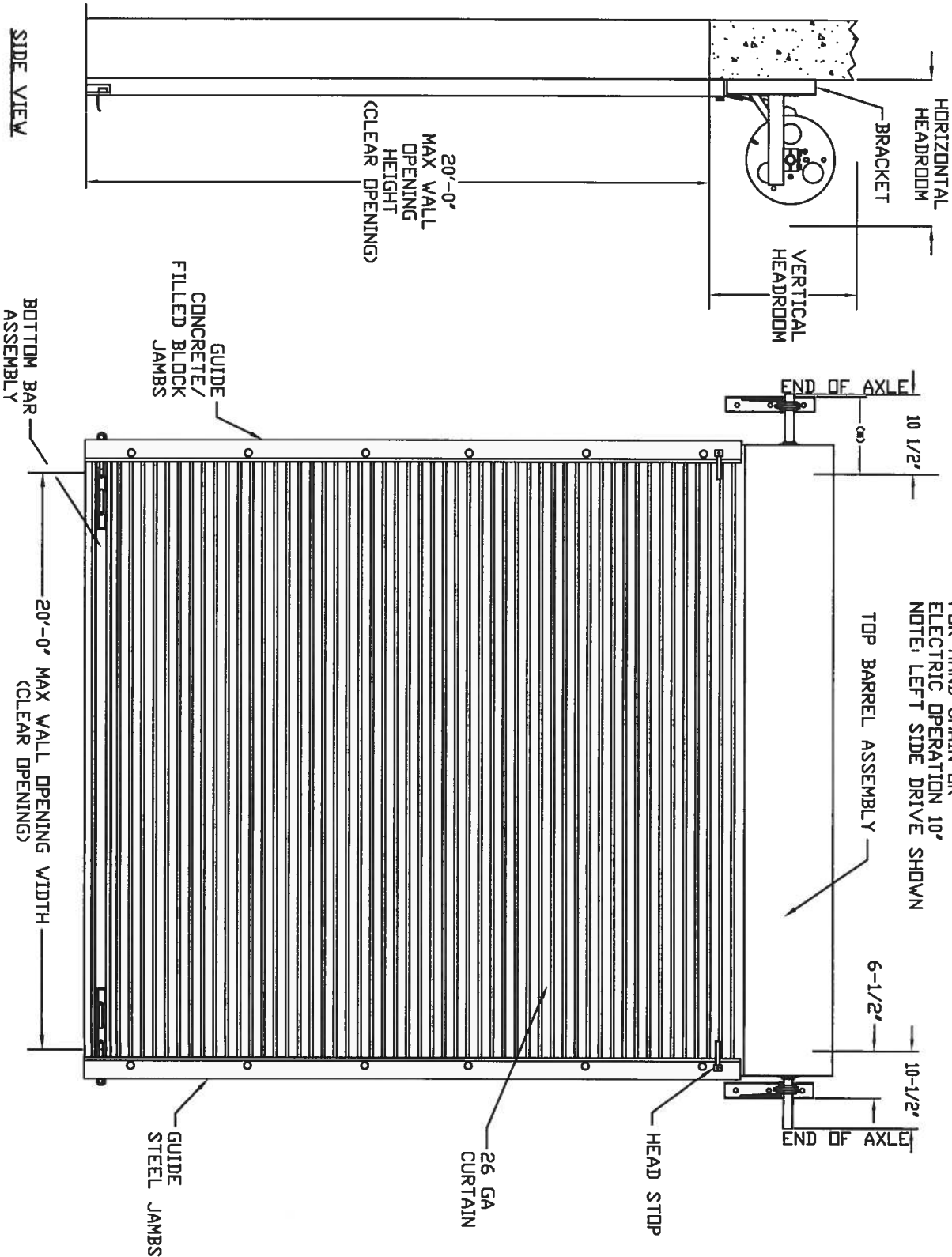


ASTM A653 G40 GALVANIZED
CS TYPE B
GUIDE DETAIL

ASTM A653 G40 GALVANIZED
CS TYPE B
WINDBAR DETAIL

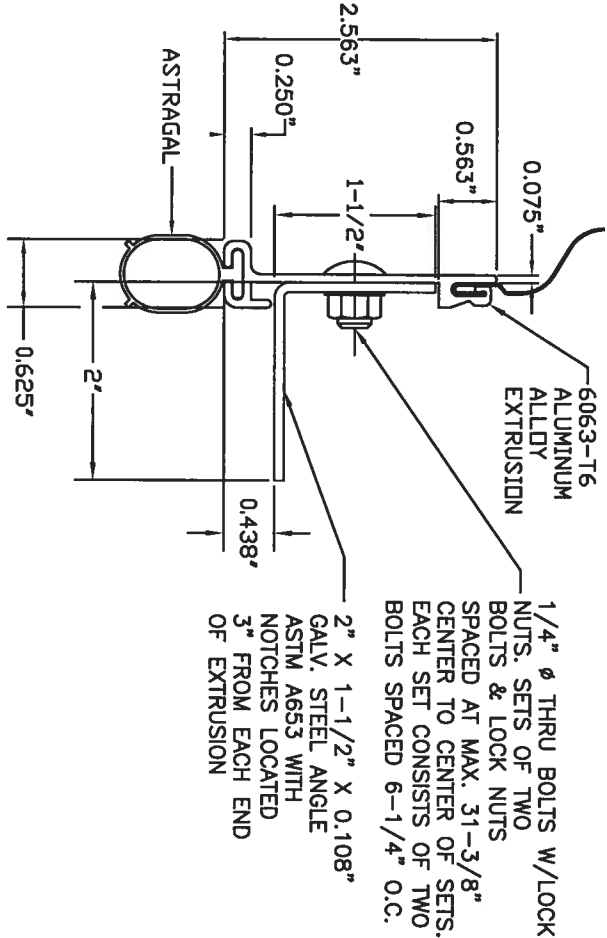
(*) FOR PUSH-UP OPERATION 6-1/2"

FOR HAND CHAIN DR
ELECTRIC OPERATION 10"
NOTE: LEFT SIDE DRIVE SHOWN

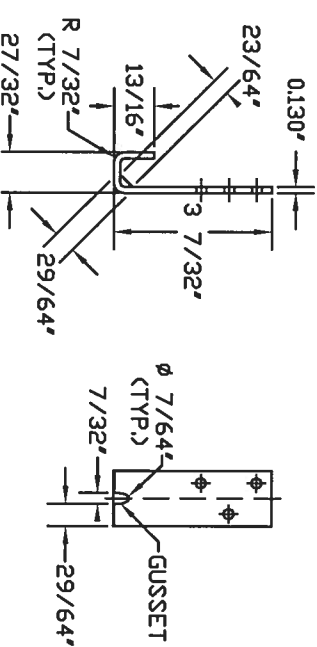
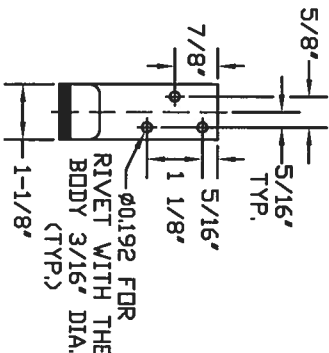


ASTM A653 SS GRADE 80
WITH FULL COAT OF PRIMER
AND BAKED POLYESTER FINISH COAT

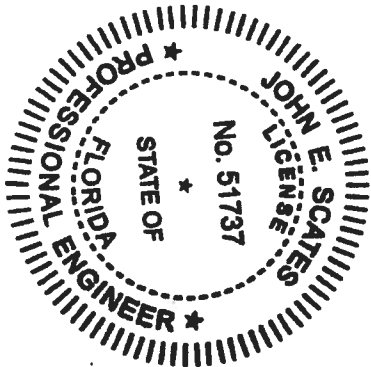
TYPICAL PANEL (26 GA) DETAIL



BOTTOM BAR ASSEMBLY
DETAIL



WINDLOCK DETAIL



JOHN E. SCATES PE
3121 FAIRGATE
CARROLLTON, TX 75007
FL PE 51737
TX PE 56308/F-2203

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PROFESSIONAL ENGINEERS' SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

Digitally signed by John E. Scates, P.E.

Date: 2017.04.08 18:35:13 -05'00'

PART NUMBER		N/A	
MATERIAL		N/A	
APPLIED FINISH		N/A	
UNIT OF MEASURE		N/A	
APPROVALS		DATE	
DRAWN		11/14/08	
BRAY ALLEN			
CHECKED		11/14/08	
BRAY ALLEN			
APPROVED			
SIZE		DRAWING NUMBER	
NONE		-5000-08-0001	
SHEET		REV.	
1		1	

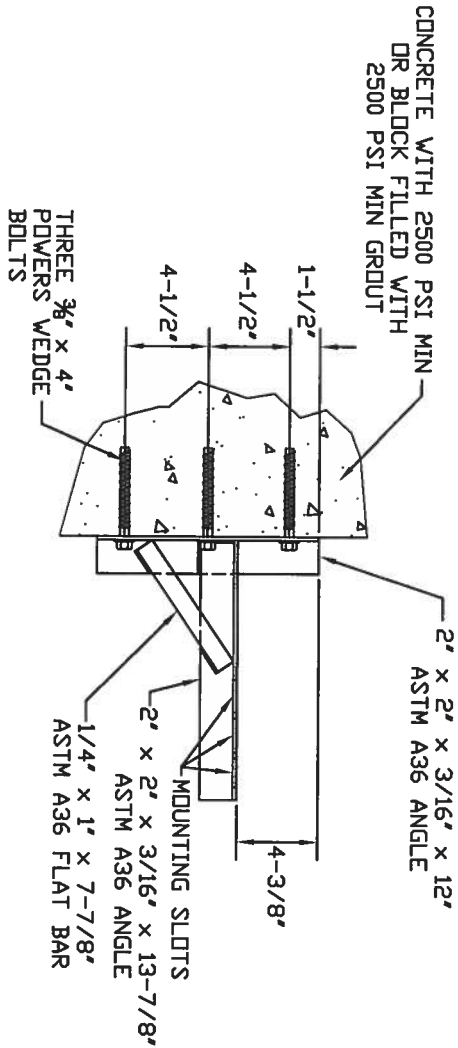


DOORS & BUILDING COMPONENTS
DOUGLASVILLE, GA CHANDLER, AZ HOUSTON, TX
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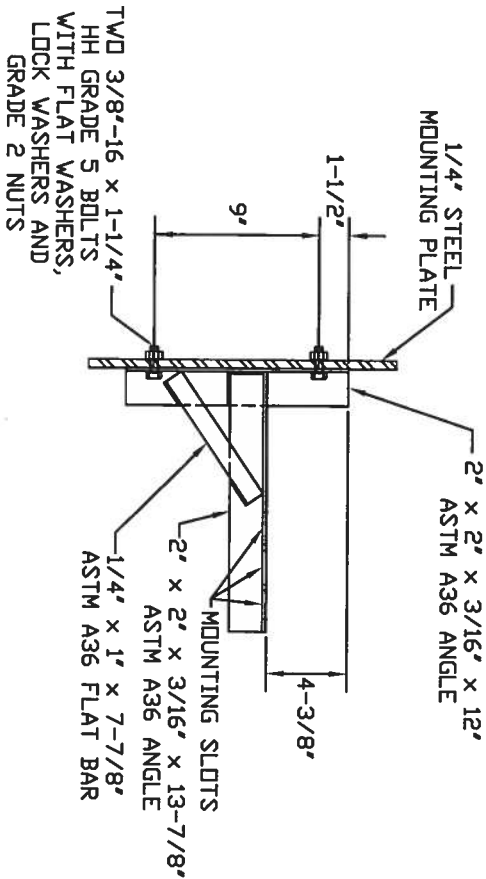
26 GA. WIND LOAD, MAX. SIZE 20'-0" x 20'-0"
SERIES 5000 DOOR ASSEMBLY

REV	RELEASE/REVISION	DATE	APPROVAL
1	MODIFIED FOR TDI	1-31-14	BA

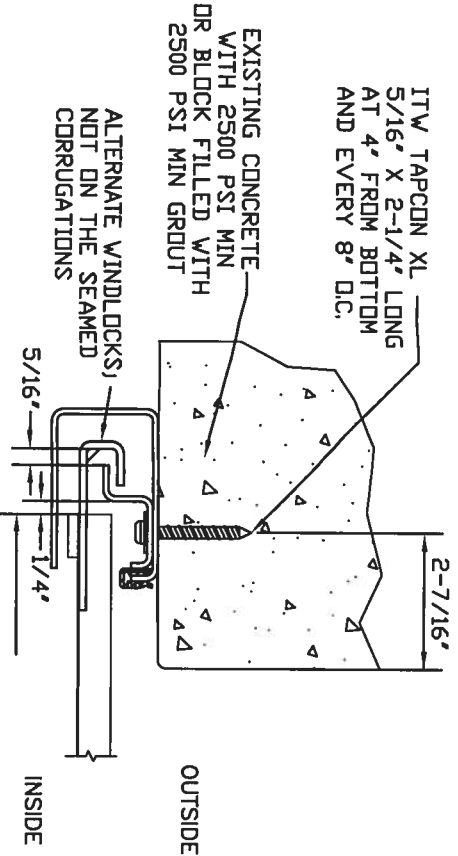
REV. 12/13/15



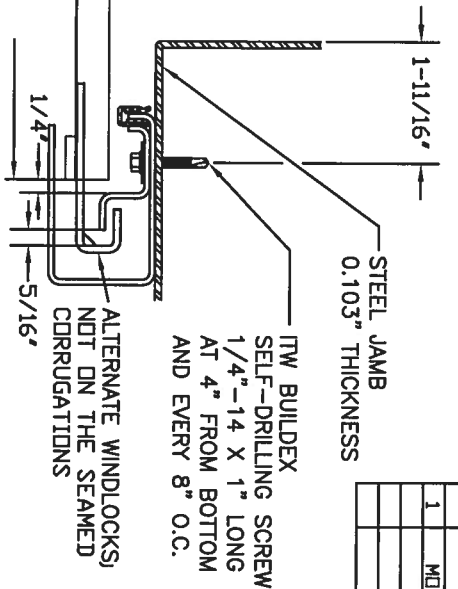
DOOR MOUNTING BRACKET TO MASONRY DETAIL



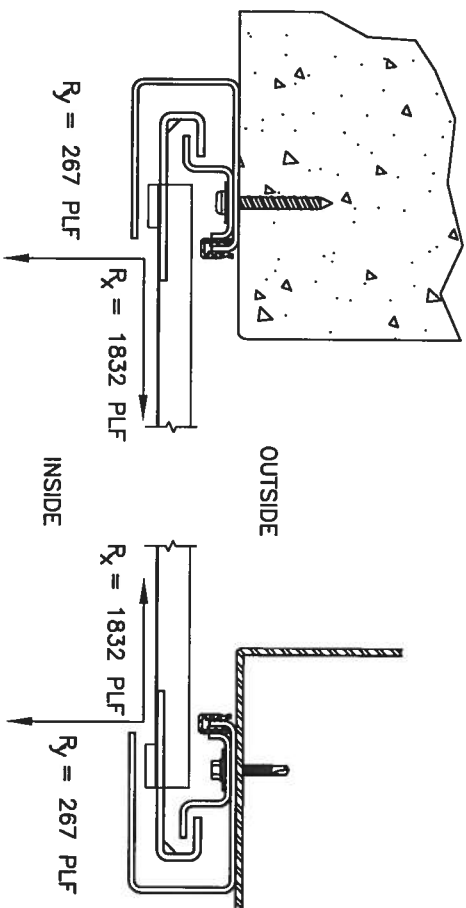
DOOR MOUNTING BRACKET TO STEEL DETAIL



FOR MASONRY JAMBS, CURTAIN WIDTH=OPENING WIDTH+6" CONCRETE/FILLED BLOCK JAMBS LH GUIDE MOUNT SHOWN



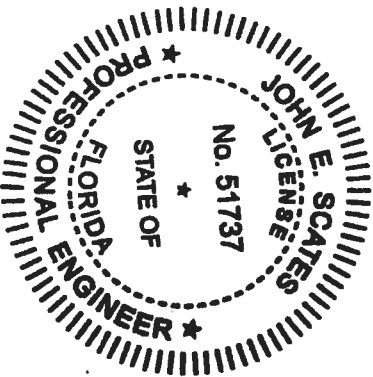
FOR STEEL JAMBS, CURTAIN WIDTH=OPENING WIDTH+4.5" STEEL JAMBS RH GUIDE MOUNT SHOWN



SUPERIMPOSED LOAD DIAGRAM

- GENERAL NOTES:
1. THIS DOOR EVALUATED IN ACCORDANCE WITH TEST METHODS ASTM E330-02 AND ANSI/DASMA 108-05.
 2. THIS PRODUCT EVALUATION IS GENERIC. IT DOES NOT INCLUDE INFORMATION PREPARED FOR A SPECIFIC SITE.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE STRUCTURAL CAPACITY OF THE SUBSTRATE (JAMB) TO RESIST THE LOADS IMPOSED BY THE ROLL-UP DOOR.
 4. ALL DOOR JAMBS (MASONRY OR STEEL) MUST BE DESIGNED TO RESIST THE FORCES SHOWN IN SUPERIMPOSED LOAD DIAGRAM.
 5. THE DOOR ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

DOOR SCHEDULE	
DOOR WIDTH	DESIGN PRESSURE (PSF)
≤ 10'-0"	+43.7
	-50.0
11'-0"	+39.9
	-45.7
12'-0"	+36.8
	-42.1
13'-0"	+34.1
	-39.0
14'-0"	+31.7
	-36.3
15'-0"	+29.7
	-34.0
16'-0"	+28.0
	-32.0
17'-0"	+25.4
	-29.1
18'-0"	+23.2
	-26.6
19'-0"	+21.3
	-24.4
20'-0"	+19.7
	-22.6



JOHN E. SCATES PE
3121 FAIRGATE
CARROLLTON, TX 75007
FL PE 51737
TX PE 56308/F-2203

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DOORS & BUILDING COMPONENTS
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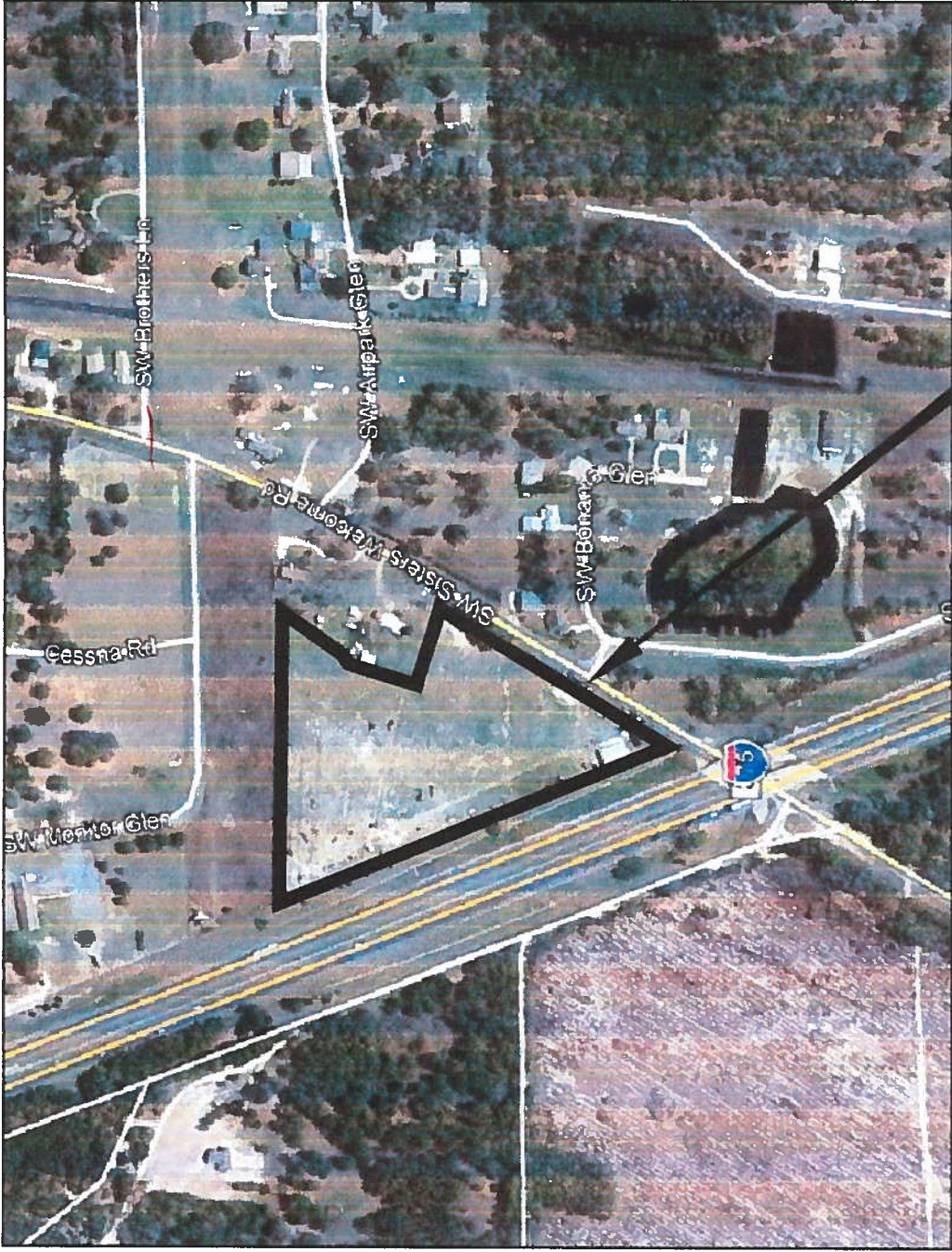
26 GA. WIND LOAD, MAX. SIZE 20'-0" x 20'-0"

SERIES 5000 DOOR ASSEMBLY

SIZE DRAWING NUMBER
B -5000-08-0001

SCALE NONE 2 OF 2

UTILITY TRUCK & EQUIPMENT SERVICE, INC.
SECTION 13, TOWNSHIP 4 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA



LOCATION MAP
NOT TO SCALE

NOTES

- 1. SITE PARCELS:
13-45-16-02952-005
13-45-16-02952-004
13-45-16-02945-004
- 2. FUTURE LAND USE: COMMERCIAL
- 3. ZONING: C1 - COMMERCIAL INTENSIVE



OWNER: *TMS*

TOM SPELL
2618 SW SISTER'S WELCOME ROAD
LAKE CITY, FL
386.854.8082
tomsPELL62@yahoo.com

CIVIL ENGINEER:

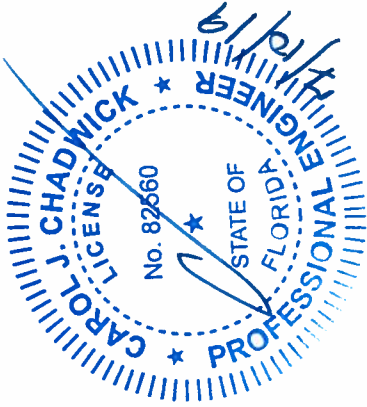
CAROL CHADWICK, P.E.
1208 S.W. FAIRFAX GLEN
LAKE CITY, FL 32025
307.680.1772
ccpewyo@gmail.com

SURVEYOR:

BRITT SURVEYING AND MAPPING, LLC
2086 SW MAIN BLVD., #112
LAKE CITY, FL 32025
386.752.7163
lsbritt@msn.com

SHEET INDEX

- 1 COVER SHEET
- 2 NOTES & LEGEND
- 3 SITE PLAN
- 4 DIMENSION PLAN
- 5 GRADING PLAN
- 6 STORMWATER BASIN PLAN
- 7 LANDSCAPE PLAN
- 8 DETAILS



ENGINEER OF RECORD: CAROL CHADWICK, P.E.
P.E. NO.: 82560



CAROL CHADWICK, P.E.
Carol Chadwick
1208 SW Fairfax Glen
Lake City, FL 32025
307.680.1772
ccpewyo@gmail.com
www.carolchadwickpe.com
FLORIDA & WYOMING
OREGON & CALIFORNIA & N.C.E.E.S.



DATE	REVISION DESCRIPTION

PREPARED FOR
TOM SPELL
2618 SW SISTERS
WELCOME ROAD
LAKE CITY, FL
386.854.8082
tomsPELL62@yahoo.com

UTILITY TRUCK & EQUIPMENT SERVICE, INC.
COVER SHEET

PROJECT NO.	FL18034
DATE	JULY 10, 2019
REVISION DATE	
SHEET	1 OF 8 SHEETS

ENGINEER'S NOTES

- 1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO CONSTRUCTION TO ENSURE THAT ALL WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SAID DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
- 2. ALL DISTURBED AREAS SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND SHORT-TERM VEGETATION. THE LONG-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 70 POUNDS PER ACRE. THE SHORT-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 20 POUNDS PER ACRE AND SHALL CONSIST OF WINTER RYE FROM SEPTEMBER THROUGH MARCH OR MILLET FROM APRIL THROUGH AUGUST.
- 3. THE PERMITTEE/CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING CONSTRUCTION TO MINIMIZE EROSION, TURBIDITY, NUTRIENT LOADING, AND SEDIMENTATION TO ADJACENT LANDS AND IN THE RECEIVING WATER.
- 4. ALL GRADES MAY BE ADJUSTED IN THE FIELD A MAXIMUM OF SIX (6) INCHES AS LONG AS THE FLOW OF WATER IS NOT CHANGED.
- 5. WHERE DITCH MUST BE DEEPER THAN NORMAL TO ACCOMMODATE A PIPE, THE TRANSITION FROM NORMAL DITCH GRADE TO PIPE FLOW LINE SHALL BE A MINIMUM LENGTH OF 100 FEET.
- 6. THE CONTRACTOR SHALL ADHERE TO THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION UNTIL THE AS-BUILT'S ARE COMPLETED.
- 7. QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR SHALL VERIFY QUALITIES PRIOR TO BID AND CONSTRUCTION.
- 8. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.

UNAUTHORIZED CHANGES AND USES CAUTION:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE GOVERNING AGENCIES.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

THE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

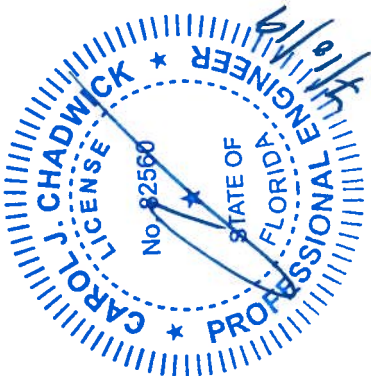
EROSION CONTROL NOTES

- 1. EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL"
- 2. THE CONTRACTOR SHALL ADHERE TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, SUWANNEE RIVER WATER MANAGEMENT DISTRICT, HAMILTON COUNTY AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS.
- 3. THE CONTRACTOR SHALL ADJUST AND REVISE CONTROL MEASURES SHOWN ON THESE PLANS TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
- 4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- 5. EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- 6. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
- 7. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT FROM LEAVING PROJECT LIMITS.
- 8. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
- 9. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
- 10. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
- 11. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED. NO BROKEN CONCRETE WILL BE ACCEPTED.
- 12. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
- 13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
- 14. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
- 15. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARP'S.
- 16. EXCESS DIRT SHALL BE REMOVED DAILY.
- 17. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS.
- 18. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
- 19. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



LEGEND

- F.S. - FINISHED SURFACE
- E.S. - EXISTING SURFACE
- 130 - PROPOSED CONTOUR (2' INTERVALS)
- (130) - EXISTING CONTOUR (2' INTERVALS)
- DAYLIGHT LINE
- EXISTING FENCE
- PROPERTY LINE
- CENTER LINE
- SF - SILT FENCE
- UP - EXISTING OVERHEAD UTILITIES
- OP - EXISTING OVERHEAD ELECTRIC



NOTE: ALL UTILITY PROVIDERS MUST BE CONTACTED PRIOR TO DIGGING IN ACCORDANCE TO CHAPTER 556 "SUNSHINE STATE ONE CALL" CALL 811 48 HOURS PRIOR TO DIGGING



CAROL CHADWICK, P.E.
Civil Engineer
1208 SW Parlane Glen
Lake City, FL 32029
307.680.1773
ccpcwyo@gmail.com
www.carolchadwickpe.com
FLORIDA & WYOMING
OREGON & CALIFORNIA & N.C.E.E.S.



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PREPARED FOR
TOM SPELL
2618 SW SISTERS
WELCOME ROAD
LAKE CITY, FL
386.854.8082
tomsPELL62@yahoo.com

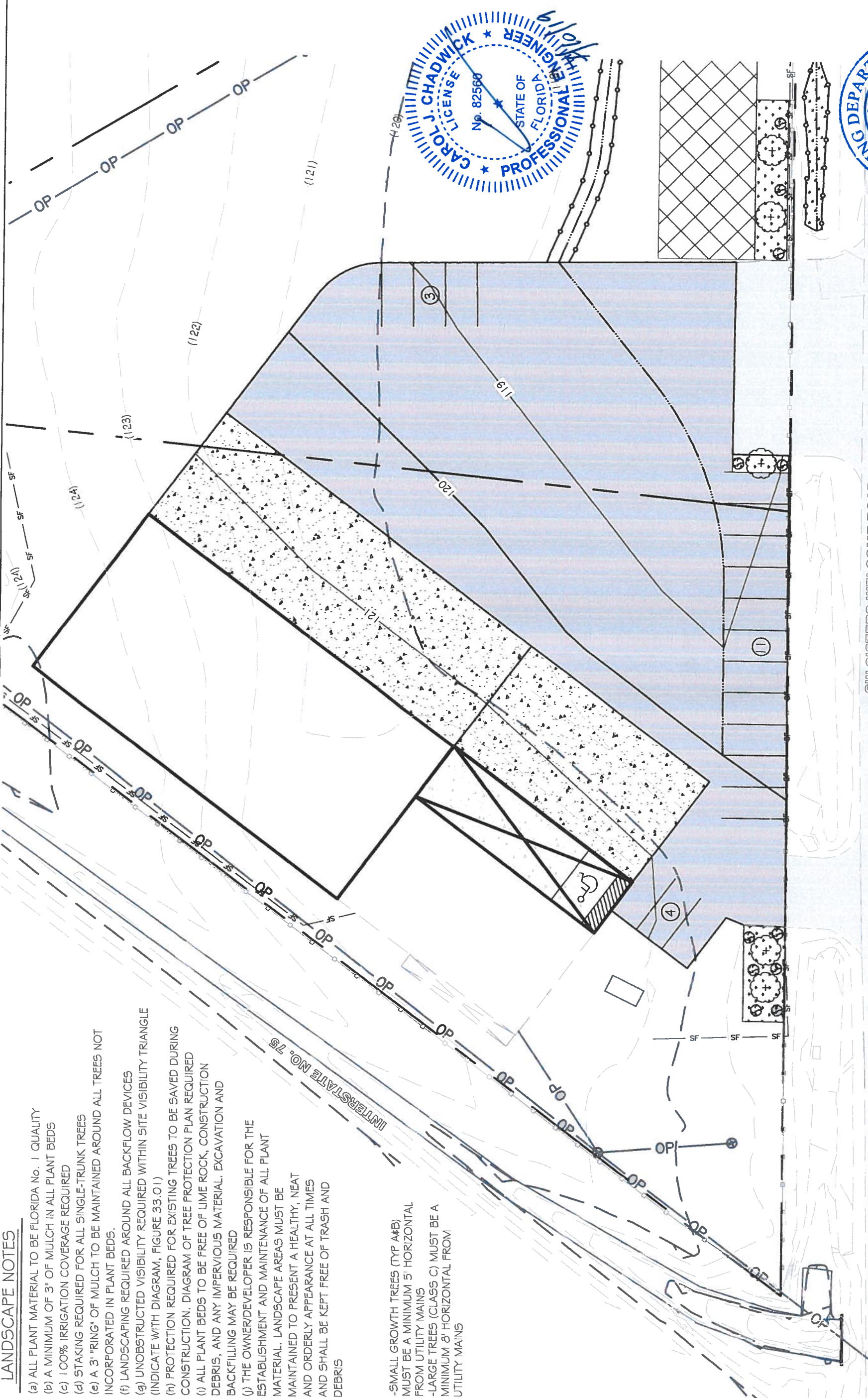
UTILITY TRUCK & EQUIPMENT SERVICE, INC.
NOTES & LEGEND

PROJECT NO.	FL18034
DATE	JULY 10, 2019
REVISION DATE	
SHEET	2 OF 8

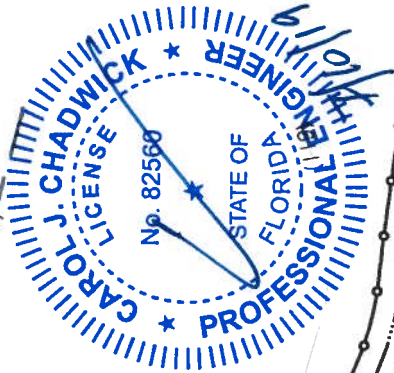
LANDSCAPE NOTES

- (a) ALL PLANT MATERIAL TO BE FLORIDA No. 1 QUALITY
- (b) A MINIMUM OF 3" OF MULCH IN ALL PLANT BEDS
- (c) 100% IRRIGATION COVERAGE REQUIRED
- (d) STAKING REQUIRED FOR ALL SINGLE-TRUNK TREES
- (e) A 3" "RING" OF MULCH TO BE MAINTAINED AROUND ALL TREES NOT INCORPORATED IN PLANT BEDS.
- (f) LANDSCAPING REQUIRED AROUND ALL BACKFLOW DEVICES
- (g) UNOBSTRUCTED VISIBILITY REQUIRED WITHIN SITE VISIBILITY TRIANGLE (INDICATE WITH DIAGRAM, FIGURE 33.01)
- (h) PROTECTION REQUIRED FOR EXISTING TREES TO BE SAVED DURING CONSTRUCTION. DIAGRAM OF TREE PROTECTION PLAN REQUIRED
- (i) ALL PLANT BEDS TO BE FREE OF LIME ROCK, CONSTRUCTION DEBRIS, AND ANY IMPVIOUS MATERIAL. EXCAVATION AND BACKFILLING MAY BE REQUIRED
- (j) THE OWNER/DEVELOPER IS RESPONSIBLE FOR THE ESTABLISHMENT AND MAINTENANCE OF ALL PLANT MATERIAL. LANDSCAPE AREAS MUST BE MAINTAINED TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE AT ALL TIMES AND SHALL BE KEPT FREE OF TRASH AND DEBRIS

- SMALL GROWTH TREES (TYP A&B) MUST BE A MINIMUM 5' HORIZONTAL FROM UTILITY MAINS
- LARGE TREES (CLASS C) MUST BE A MINIMUM 8' HORIZONTAL FROM UTILITY MAINS



PLANT SCHEDULE					
SYMBOL	PLANT TYPE	QTY	CALIPER SIZE, IN	HEIGHT	SIZE, GALLON
	HOLLY TREE	5		8' - 10'	45
	MAGNOLIA TREE				
	LIGUSTRUM TREE				
	VIBURNUM SHRUB	10		18" - 20"	3
	AZALEAS SHRUB				
	PODOCARPUS SHRUB				
	LAURA PENDULUM SHRUB				



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Lake City, FL 32025
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FLORIDA & WYOMING
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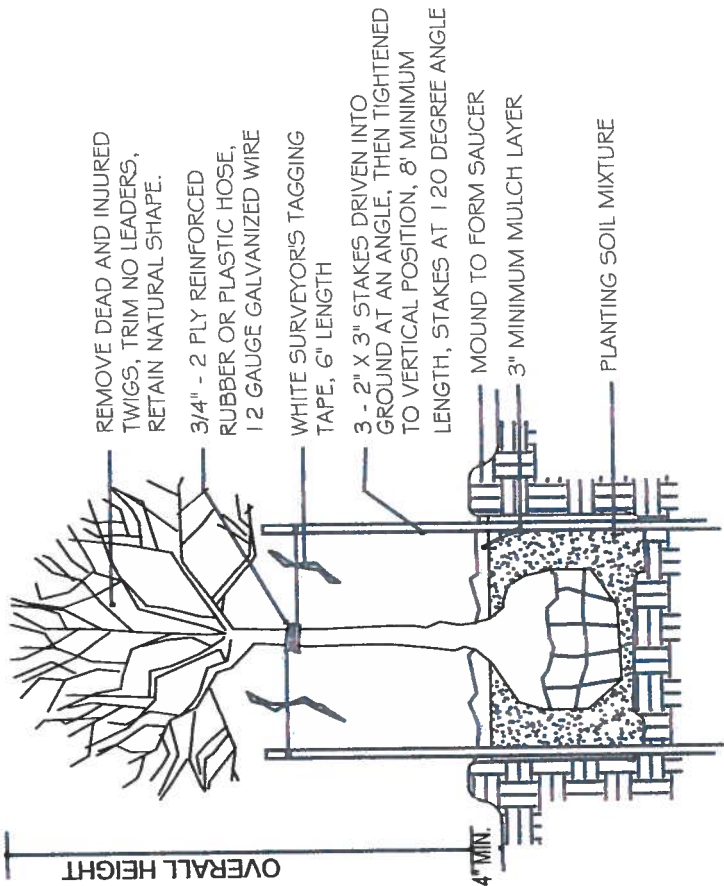
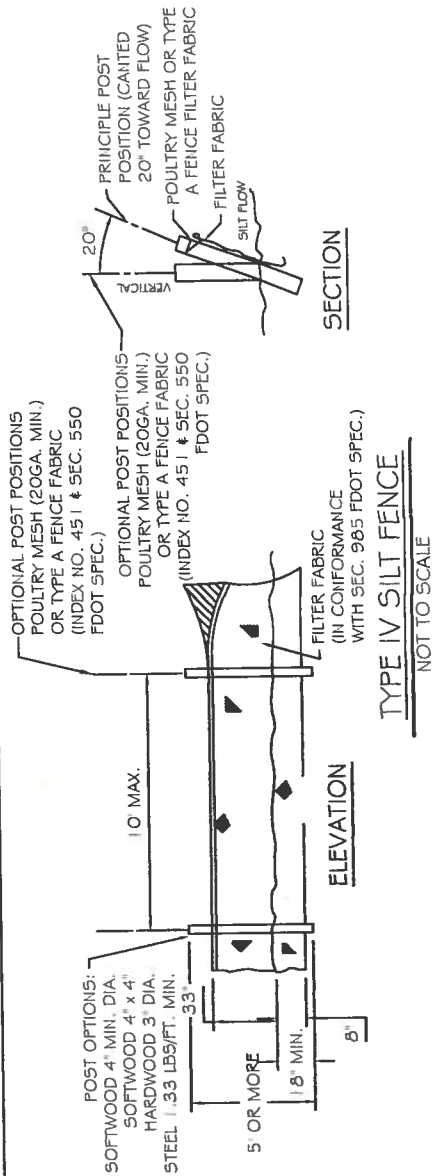
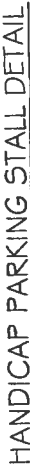
UTILITY TRUCK & EQUIPMENT SERVICE, INC.
LANDSCAPE PLAN

PROJECT NO.	FL18034
DATE	JULY 10, 2019
REVISION DATE	
SHEET	7 OF 8



[illegible]

CAROL CHADWICK, P.E.
Frank Engelbrecht
 1208 SW Fairview Glen
 Lake City, FL 32025
 307.680.1772
 cccpewjco@gmail.com
 www.carolchadwickpe.com
 FLORIDA • WYOMING
 OREGON • CALIFORNIA • N.C.P.E.S.



TRFEE STAKING AND PLANTING DETAIL

NOT TO SCALE

