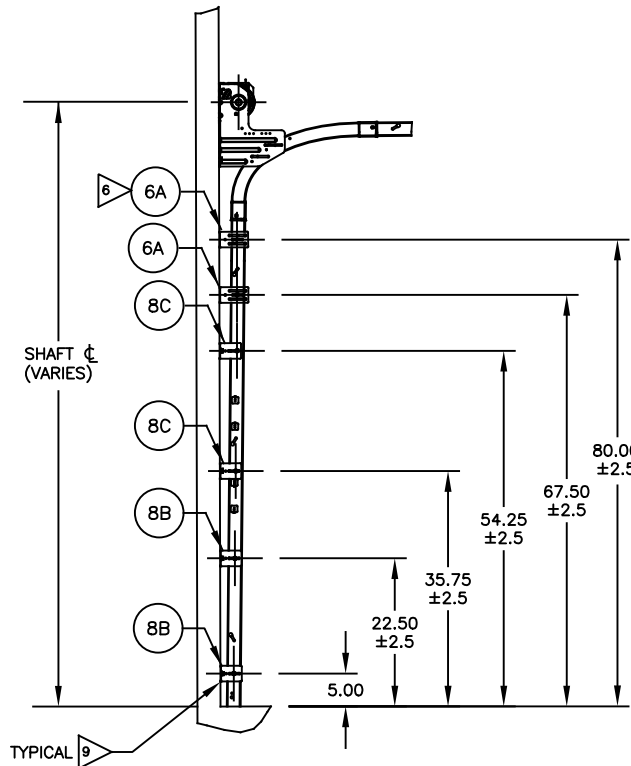


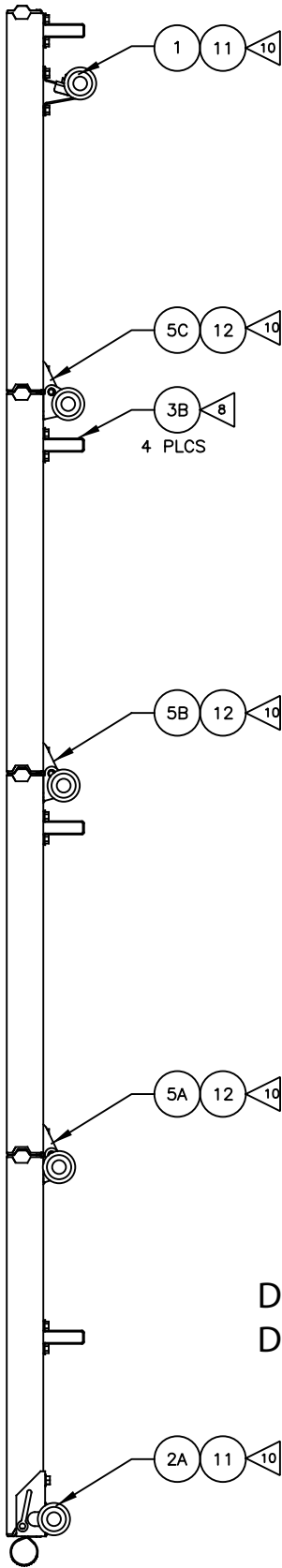
NOTES

- DESIGNED AND TESTED IN ACCORDANCE WITH THE WIND LOAD PROVISIONS OF THE FLORIDA BUILDING CODE, INTERNATIONAL BUILDING CODE, AND INTERNATIONAL RESIDENTIAL CODE. NOT TESTED FOR IMPACT RESISTANCE. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
- FOUR SECTION, 7' TALL DOOR SHOWN, TALLER DOORS WILL HAVE ADDITIONAL SECTIONS.
- SECTION HEIGHTS OF 20.81, 19.00, AND 16.75 ARE AVAILABLE, AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS. MAXIMUM DOOR HEIGHT IS 16'. FOR ADDITIONAL SECTIONS, THE STRUTTING SHALL BE CONSISTANT WITH THE TOP INTERMEDIATE SECTION.
- EMBOSSMENT PATTERNS OF 14.50 X 20.375, 15.5 X 43.375, 12.5 X 20.375, AND 12.5 X 43.375 MAY BE USED. DOOR WITHOUT EMBOSSMENTS ALSO AVAILABLE. EXTERIOR PAN THICKNESS IS 25 GA (.018") FOR THE 470, EMBOSSMENT TO BE HORIZONTAL PINSTRIPE.
- TORSION SPRINGS SHOWN. EXTENSION SPRINGS COUNTERBALANCE ALSO AVAILABLE.
- USE THIS BRACKET, REF. P/N 405964-0002 ON 8' HIGH DOORS ONLY.
- WINDOWS OR VENTS MAY ONLY BE PUT IN 21" SECTIONS. WINDOW SIZE MAY BE STANDARD EMBOSSMENT SIZE WITH THICKNESS OF 1/2" INSULATED, 1/8", 1/4".
- ATTACH STRUTS WITH TWO SCREWS AT THE END STILES AND IN PAIRS ALONG THE STRUT AT 12" CENTERS. STRUT LOCATION MAY VARY +/- 2 IN. AT THE FOLLOWING LOCATIONS:
TOP SECTION: DIRECTLY ABOVE TOP FIXTURES
INTERMEDIATE SECTION: BELOW END HINGE
BOTTOM SECTION: CENTER OF SECTION
- USE 5/16 X 1-5/8" LAG SCREW TO ATTACH JAMB BRACKET TO JAMB. JAMB DETAIL TO BE IN ACCORDANCE WITH DRAWING 409783. JAMB BRACKETS MAY NOT BE INSTALLED DIRECTLY ON TOP OF DRYWALL.
- ROLLER ASSY P/N 319138 AND 108135 (STEEL) MAY BE SUBSTITUTED FOR ROLLER ASSY P/N 608682 (NYLON).
- LOW HEADROOM TRACK MAY BE SUBSTITUTED FOR STANDARD TRACK.
- LOCK OR DRAWBAR OPERATOR REQUIRED TO HOLD THE DOOR CLOSED DURING HIGH WIND EVENT.
- EXTERIOR JAMB WEATHERSTRIP TO BE ATTACHED WITH EITHER 2" #8 SCREWS OR 2-1/2" 8D BRIGHT COMMON NAILS AT 12" O.C., STARTING 2" FROM THE GROUND.
- DOORS OVER 8' TALL WILL BE SUPPLIED WITH COMMERCIAL TRACK AND HARDWARE. COMMERCIAL TRACK JAMB FASTENING WILL BE 12" MAX CENTERS.
- 3" 20GA HEMMED STRUT 14C (411186-XXX2) MAY BE SUBSTITUTED FOR HS-2 ROLLED STRUT 3B (400650-0002).



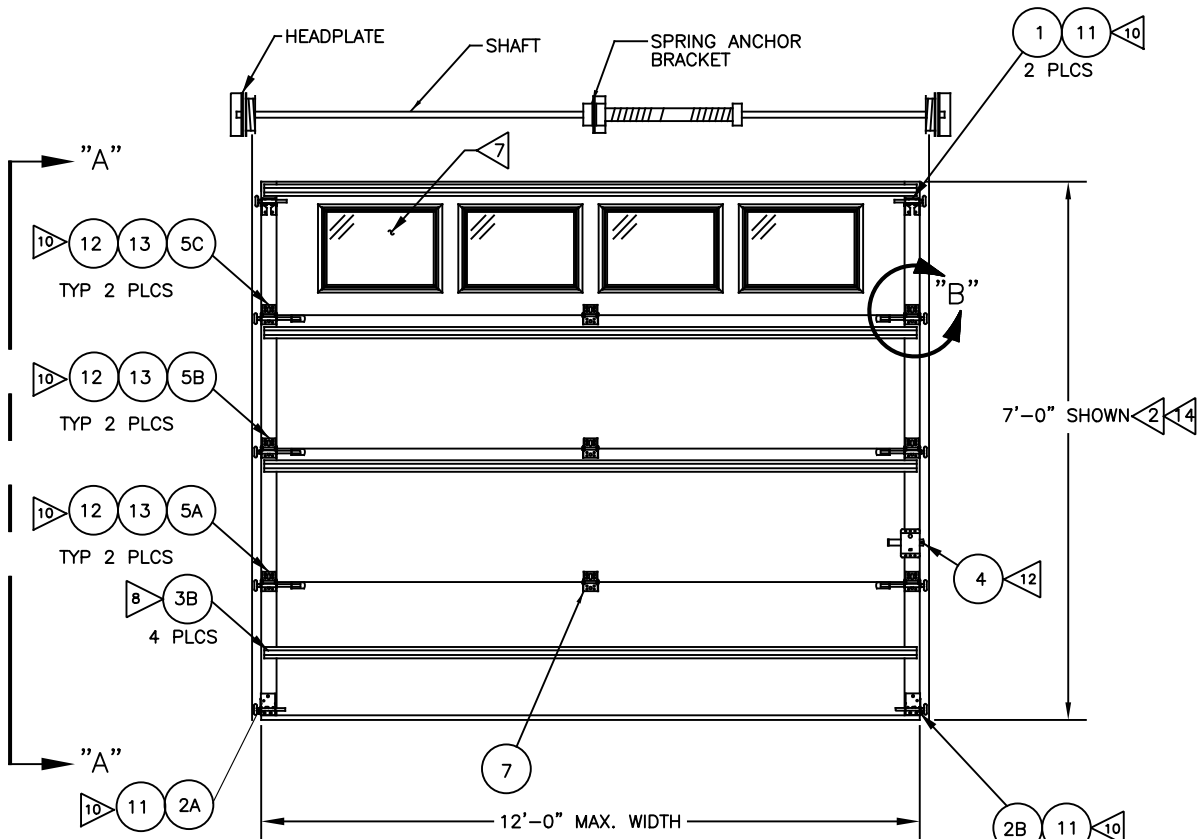
STANDARD TRACK DETAIL
SCALE: 1/16" = 1"

CENTER HINGE/SECTION	END STILE	RLR SHAFT BRACKET	STRUTS/SECT	ROLLER	VERT TRK
1	SINGLE	YES	HS-2	2"X7/16"	2"X .068" THK

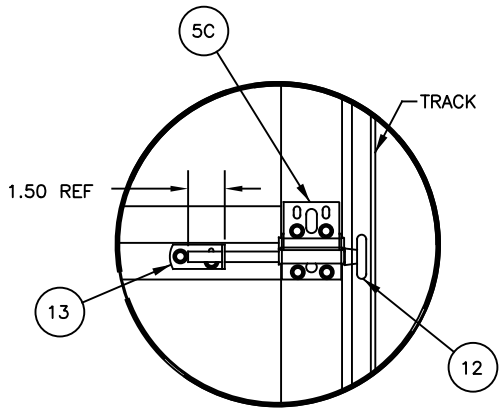


VIEW A-A
(TRACK ASSY REMOVED FOR CLARITY)

APPROVED PRESSURE RATING CHART					
DOOR WIDTH	12'	10'	9'	8'	6'
POSITIVE DESIGN PRESSURE	24.7	35.6	39.5	44.5	59.3
NEGATIVE DESIGN PRESSURE	-27.9	-40.2	-44.6	-50.2	-60
MAX JAMB LOAD (LBS/FT-HT)	167	201	201	201	201



INTERIOR ELEVATION
SCALE: 1/16"=1"



DETAIL "B"
SCALE: 1/4

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

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UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES/TOLERANCES ON	HOLE DIMETERS	ANGLES ± 0° 30'
DECIMAL DIMENSIONS	UNDER .251+.004-.003 .251 TO .250+.004-.003 OVER .250+.004-.003	FRACTIONS ± 1/16"
.004 ± .03		
.005 ± .005		

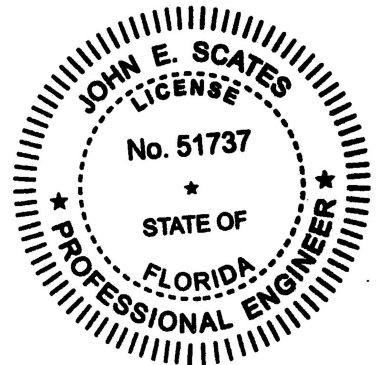
OVERHEAD DOOR the original door DALLAS, TEXAS	NAME J. BARTON	DATE 9/23/08
MATERIAL: N/A	CHECKED BY: G. FINERAN	10/15/08
APPLIED FINISH: NONE	UNIT OF MEASURE: EACH	APPROVED BY: M. SAWICKI
		10/15/08

REVISIONS

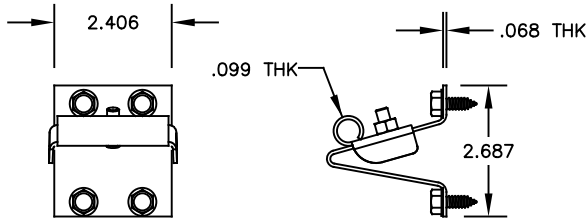
LETTER	DESCRIPTION	DATE	APPROVAL
C	UPDATED NOTE 4 AND PE INFO	10/10/17	ESC
D	ADD ORACLE #S, PCR32177	10/28/19	TLC
E	ADDED HEMMED STRUT, CPI32933	8/7/25	SW

FL # 11494

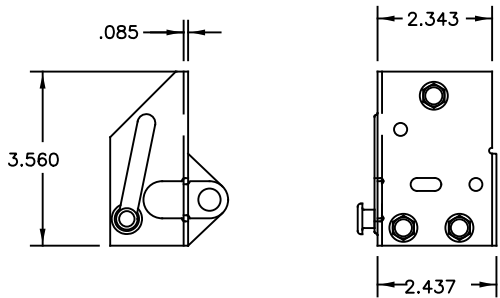
JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036-4428
FL PE 51737 TX PE 56308/F2203



DRAWING TITLE: WINDLOAD, 390, 470, 1600 +24.7/-27.9 PSF (DESIGN), 12'-0" WIDE MAX	DRAWING NUMBER D-410728
SCALE: 3/8	SHEET 1 OF 2

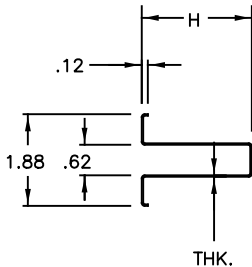


1 409808-0001, TOP FIXTURE
ATTACH TO DOOR WITH 4 SCREWS
P/N 605911-0001



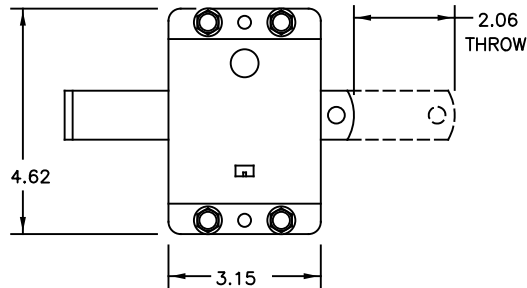
2 405771-XXXX BOT. FIXTURE
ATTACH TO DOOR WITH 3 SCREWS
P/N 605911-0001

SUB	PART NUMBER	HAND	VIEW
A	405771-0001	LH	SHOWN
B	405771-0002	RH	OPP.

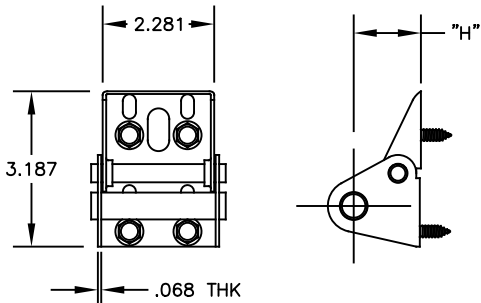


3 400650-XXX1, ROLLED HS STRUT

ROLLED HS STRUT CHART				
SUB	PART NUMBER	THK.	DIM H	STRUT
A	400650-0001	.030	2.25	HS-1
B	400650-0002	.052	2.25	HS-2
C	400650-0003	.055	3.50	HS-3
D	400650-0004	.020	2.25	HS-0

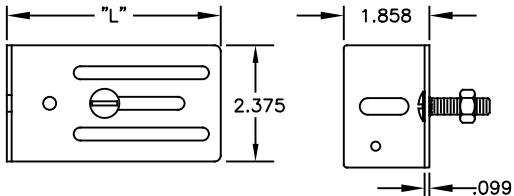


4 409334-0001 SLIDE LOCK ASSY
ATTACH TO DOOR WITH 4 SCREWS
P/N 605911-0001



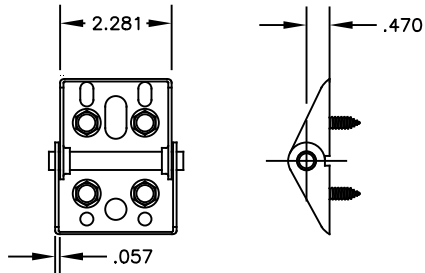
5 407605-000X END HINGE
ATTACH TO DOOR WITH 4 SCREWS
P/N 605911-0001

SUB	PART NUMBER	"H"
A	407605-0002	.85
B	407605-0003	1.10
C	407605-0004	1.35
D	407605-0005	1.60

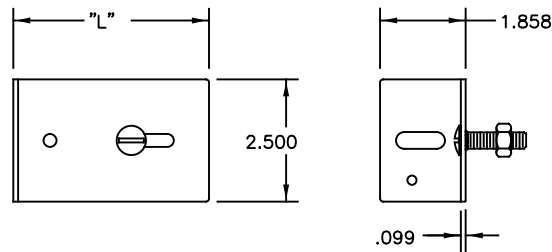
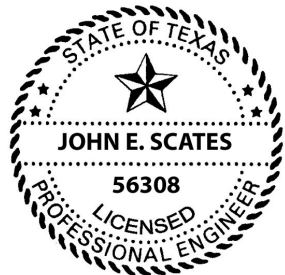


6 405964-000X BRACKET, JAMB JOINT
ATTACH TO TRACK WITH 1/4\" TRACK
BOLT AND NUT

SUB	PART. NUMBER	"L"
A	405964-0002	4.37
B	405964-0003	5.12
C	405964-0004	3.75

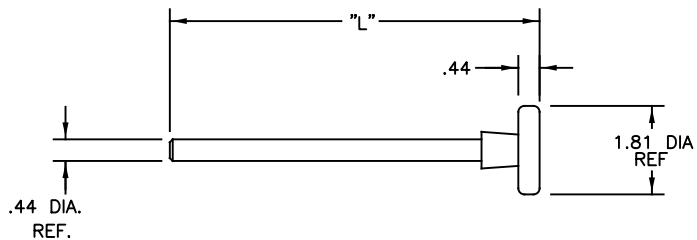


7 407603-0001 CENTER HINGE
ATTACH TO DOOR WITH 4 SCREWS
P/N 605911-0001



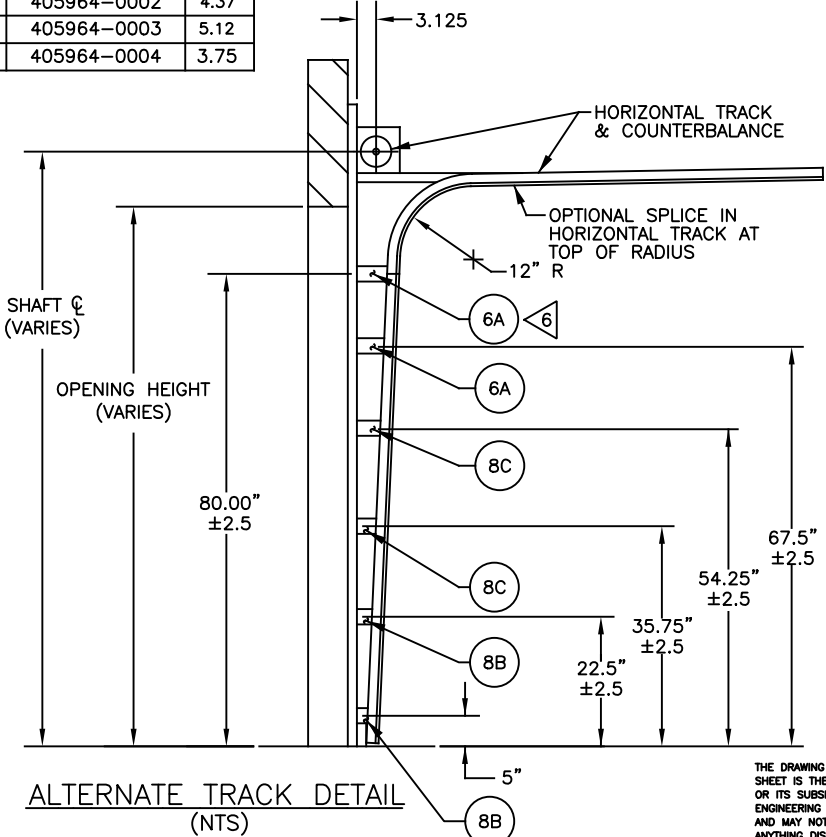
8 405964 & 046450, BRACKET, JAMB
ATTACH TO TRACK WITH 1/4\" TRACK
BOLT AND NUT

SUB	PART. NUMBER	"L"
A	405964-0000	2.75
B	405964-0001	3.25
C	046450-0003	4.00



- 9 108135, ROLLER ASSY, TR3
10 319138, ROLLER ASSY, TR3
11 608682-0001, ROLLER ASSY, TR3
12 608682-0002, ROLLER ASSY, TR3

PART NUMBER	"L"
108135	5.13
319138	7.00
608682-0001	4.70
608682-0002	7.56



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UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES/TOLERANCES ON	HOLE DIAMETERS	ANGLES
DECIMAL DIMENSIONS		± 0° 30'
.30+/- .03	UNDER .251+0.004-.003	FRACTIONS ± 1/16"
.000+/- .005	251 TO .500+0.004-.003	
	OVER .500+0.004-.003	

NAME	DATE
DRAWN BY: J. BARTON	9/23/08
CHECKED BY: G FINERAN	10/15/08
APPROVED BY: M SAWICKI	10/15/08

MATERIAL:	UNIT OF MEASURE:
N/A	EACH

DRAWING TITLE:	DRAWING NUMBER	SCALE:	SHEET
WINDLOAD, 390, 470, 1600 +24.7/-27.9 PSF (DESIGN), 12'-0" WIDE MAX	D-410728	1/2	2 OF 2

FL # 11494

JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036-4428
FL PE 51737 TX PE 56308/F2203

