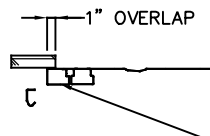
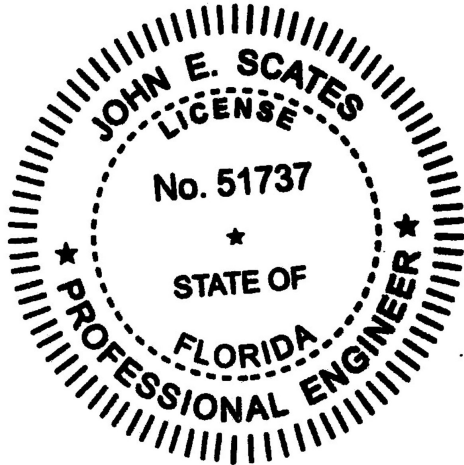
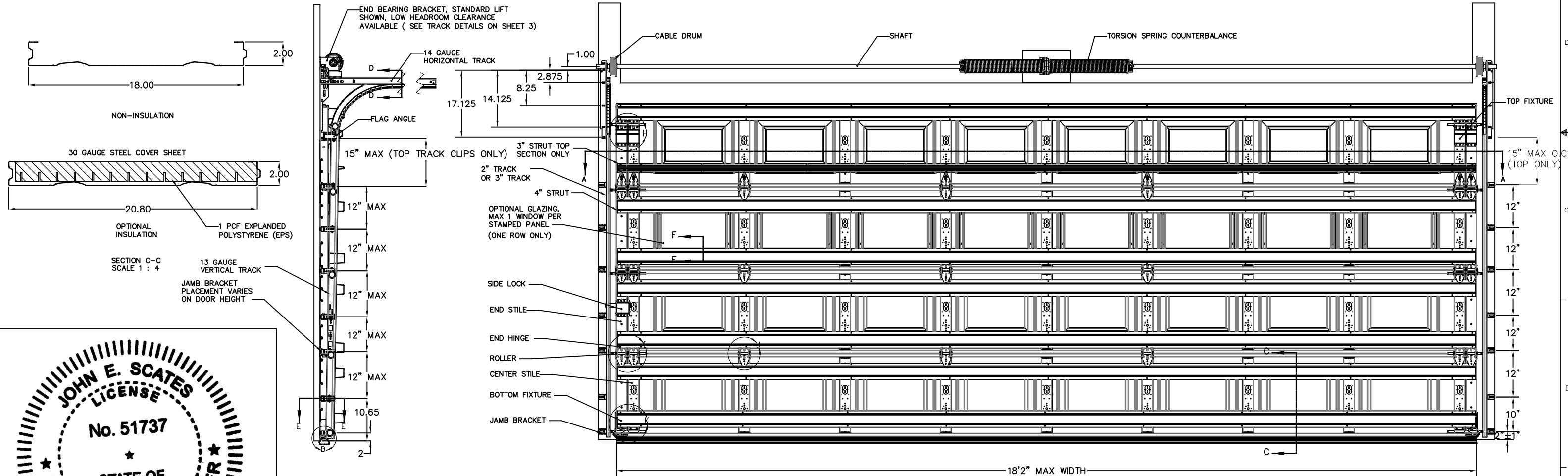
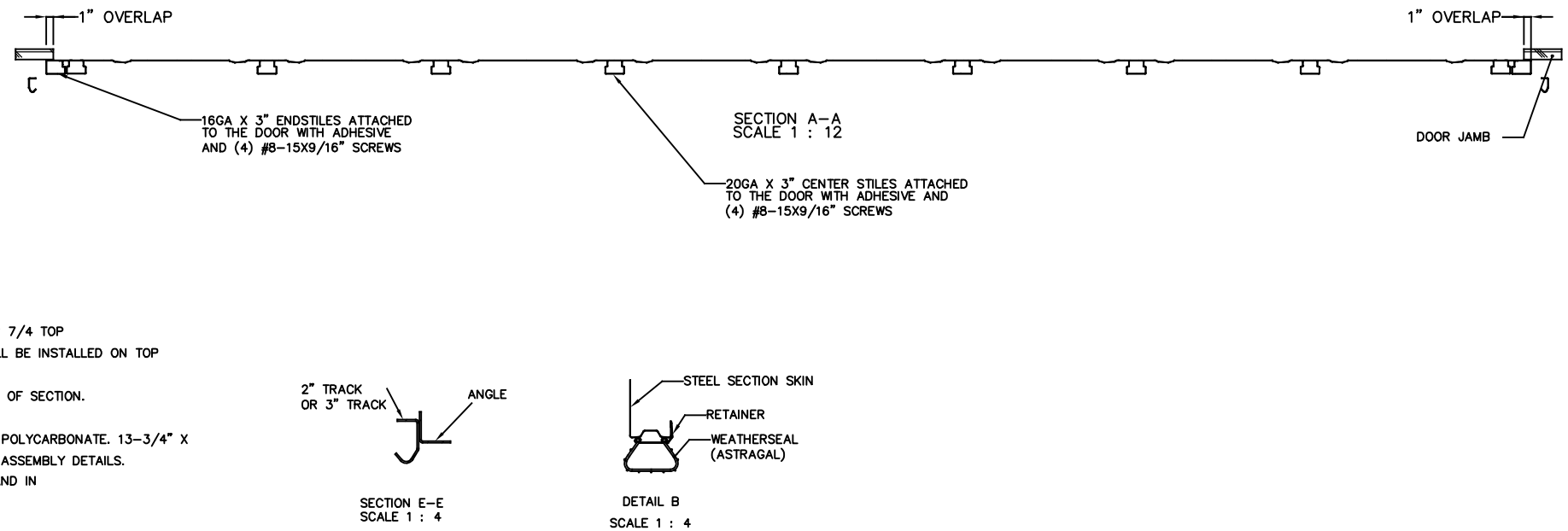


NOTES: (UNLESS OTHERWISE SPECIFIED)

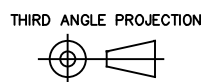
3. RATED DESIGN LOAD +46/-52 PSF.
 2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 20.8" MAXIMUM SECTION HEIGHT.
 3. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
 4. TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201-94, TAS 202-94, & TAS 203-94.
 5. DOOR SKIN MUST BE 33,000 PSI MIN. YIELD STRENGTH.
 6. JAMB LOAD CALCULATIONS:
(1/2 DOOR WIDTH)(1 FT OF HEIGHT)(DESIGN PRESSURE)
(9.067)(1 FOOT)(46.00 AND -52.00)(417.1/-471.5) LB.
 7. JAMB FASTENER REQUIREMENTS:
 $F_t = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $F_t = 417.1 \text{ LBS.}$
 8. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A-525 TO G90 MIN, WITH BAKED-ON PRIMER, AND BAKED-ON POLYESTER PAINT TOP COAT.
 9. FOR ANCHORING INTO WOOD, USE ONE 5/16" LAG SCREW PER JAMB BRACKET WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (G=0.55) OR BETTER.
 10. APPROVED INSULATED AND NON-INSULATED: 8000 (25GA), 8100 (25GA), 8200 (25GA), 0.0209" MIN STEEL.
 11. WELD SLOT ON ANGLE AND 3/32" X 1" LONG ON 12" CENTERS. "IF WELDING MOUNTING OPTION IS CHOSEN."
 12. LIFT UP MECHANISM-MANUAL, CHAIN LIFT, OR OPERATOR IS NOT PART OF THIS APPROVAL.
 13. STANDARD LIFT, HIGH LIFT, VERTICAL LIFT, AND LOW HEADROOM TRACK IS AVAILABLE. FOR LOW HEADROOM LIFT CONDITIONS TOP BRACKET SHALL BE 13 GA LHR 7/4 TOP BRACKET WITH A MIN OF (3) 1/4 - 14 X 7/8" SELF DRILLING CRIMPITITE SCREWS IN LIEU OF THE BRACKET SHOWN ON DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
 14. ATTACH STRUTS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT ALL STILE LOCATIONS, TYP. LOCATED WITHIN 6" , +/- 3" FROM TOP AND BOTTOM OF SECTION.
 15. KEY LOCK, SLIDE LOCK, OR DRAWBAR OPERATOR REQUIRED.
 16. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED INTERMEDIATE SECTION OR TOP SECTION. GLAZING SHALL BE 1/4" POLYCARBONATE. 13-3/4" X 20-1/8" MAXIMUM SIZE, FASTENED WITH # 8 X 1" SMS: 3X MIN ALONG THE HORIZONTAL AND 2X MIN ALONG THE VERTICAL. SEE DETAIL F-F ON SHEET 2 FOR ASSEMBLY DETAILS.
 17. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
- 



Digitally signed by John E. Scates, P.E.
Date: 2020.09.18 15:34:38 -05'00'

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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



A DIVISION OF OVERHEAD
DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850)-474-9890

UNLESS OTHER

INTERPRET DIMS & TOLS
PER ASME Y14.5M

ALL DIMS ARE IN
INCHES

DO NOT SCALE

DIMS CIRCLED WITH SYMBOL '⌀'
ARE CRITICAL TO QUALITY DESIGN
FEATURES & MUST MEET APPLICABLE
IN-PROCESS INSPECTION STANDARDS

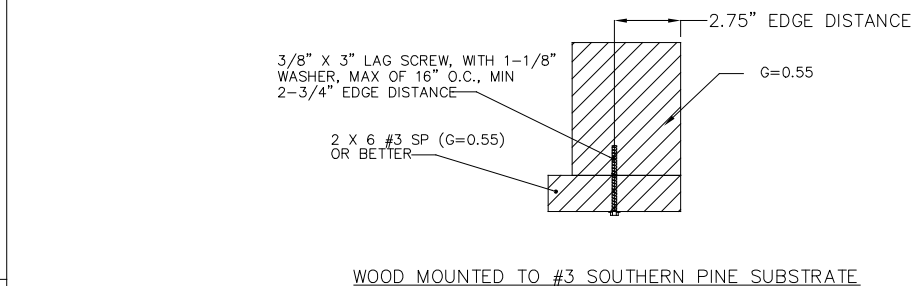
WISE SPECIFIED	
<u>TOLERANCES:</u>	
.X	= ± .1
.XX	= ± .03
.XXX	= ± .010
ANGULAR	= ± .5 °
<u>HOLES:</u>	
< Ø .251	=+.004 /- .003
Ø .251-Ø .500	=+.006 /- .003
> Ø .500	=+.008 /- .003
ALL GEOMETRY GOVERNED BY	

APPROVALS DATE		
DRAWN	G.CLARK	4-11-19
CHECKED	D.KORNISH	2-18-20
APPROVED	-	-
MATERIAL	-	
FINISH	-	
WINDLOAD SPECIFICATION OPTION CODE 1148		

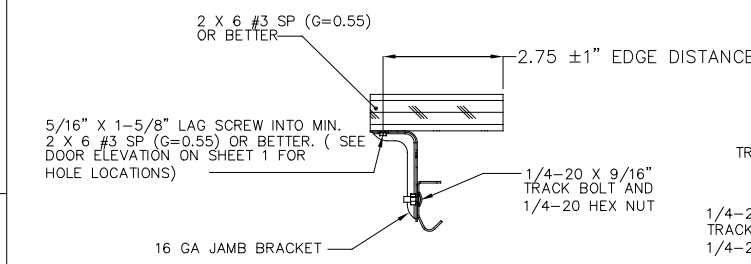
D CAD DATABASE:

		PENSACOLA, FLORIDA	
DESCRIPTION 8000/8100/8200 18'2" MAX WIDTH			
ZE D	DWG NO. D-365184	RE P-	
SCALE 1:12	UOM = EA	SHEET 1 OF	

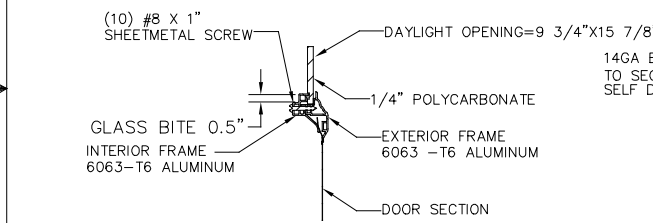
A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The entire seal is surrounded by a series of vertical lines.



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE



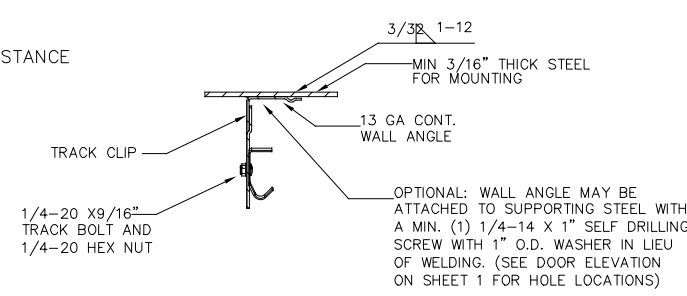
MOUNTING TO WOOD JAMB
DETAIL



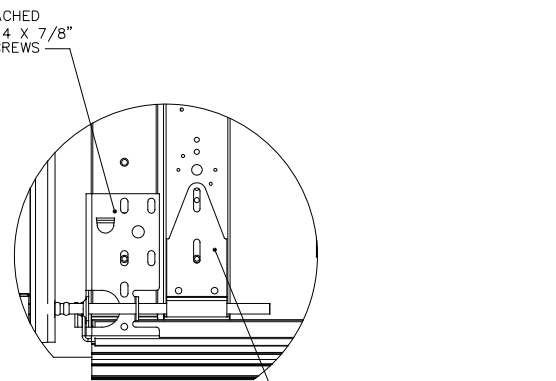
WINDOW DETAIL

SECTION F-F

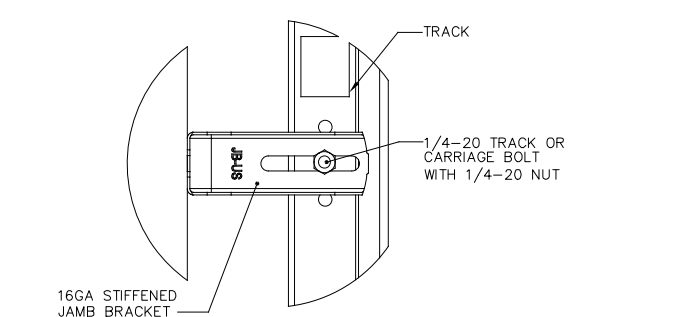
SCALE 1 : 4



MOUNTING TO STEEL JAMB DETAIL



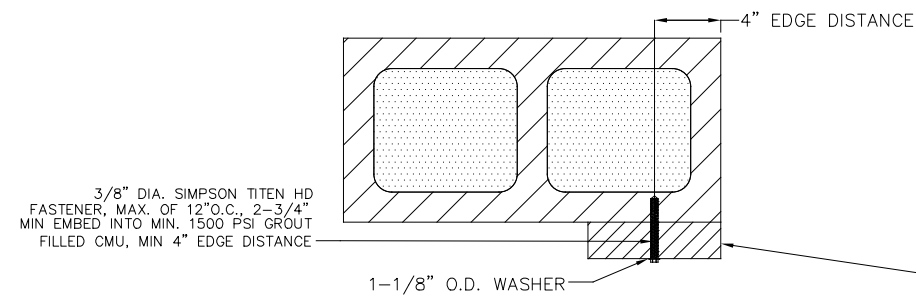
DETAIL K
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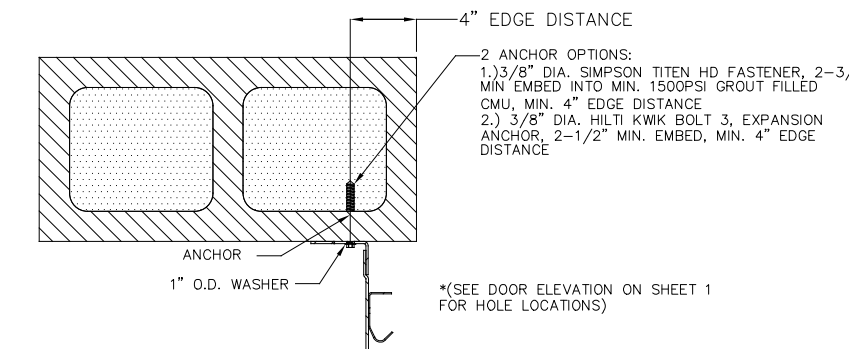
TYPICAL TRACK AND JAMB FASTENERS DETAIL

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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

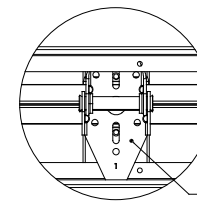


WOOD MOUNTED TO GROUT FILLED
MASONRY BLOCK DETAIL

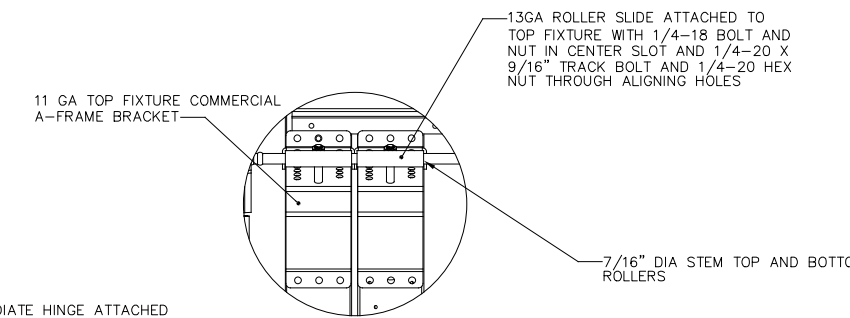


MOUNTING TO GROUT FILLED MASONRY
BLOCK DETAIL

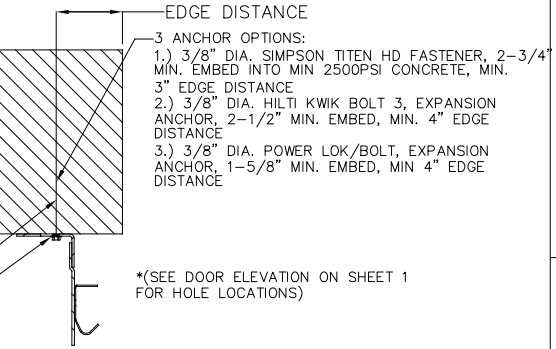
SECTION E -
SCALE 1 : 4



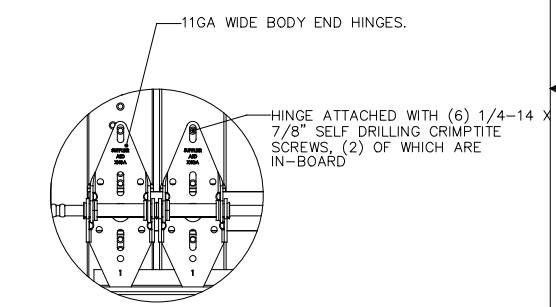
DETAIL J
SCALE 1 : 4



DETAIL H
SCALE 1 : 4

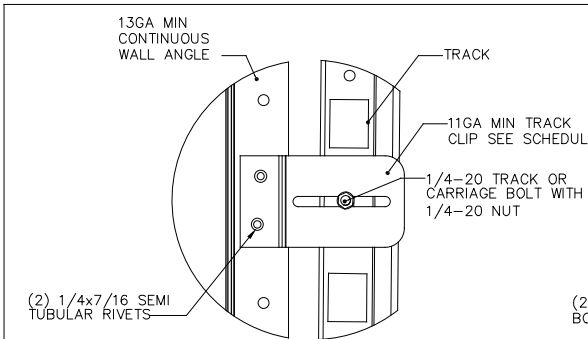


MOUNTING TO 2500PSI CONCRETE
DETAIL

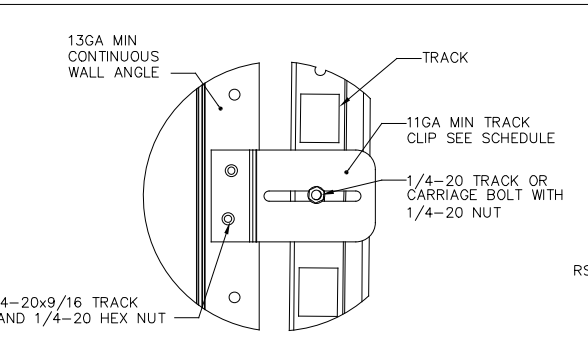


DETAIL I
SCALE 1 : 4

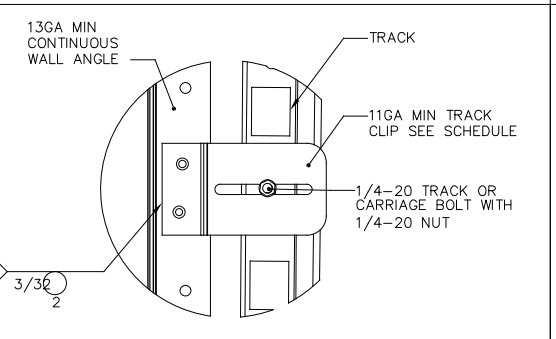
OPTIONAL WALL ANGLE TRACK



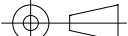
TYPICAL TRACK CLIP RIVETING DETAIL



TYPICAL TRACK CLIP BOLTING DETAIL

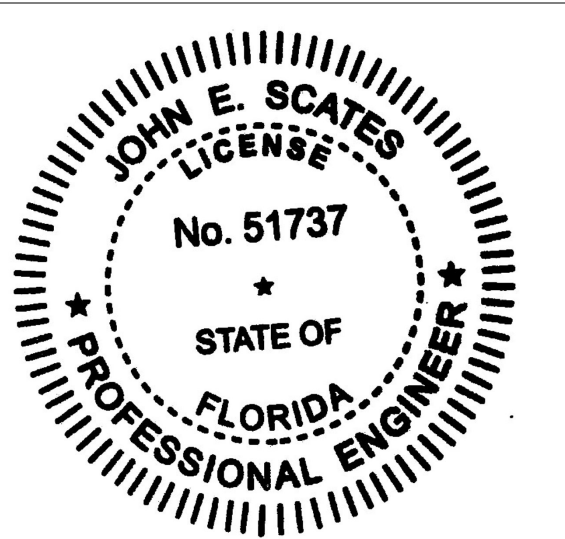
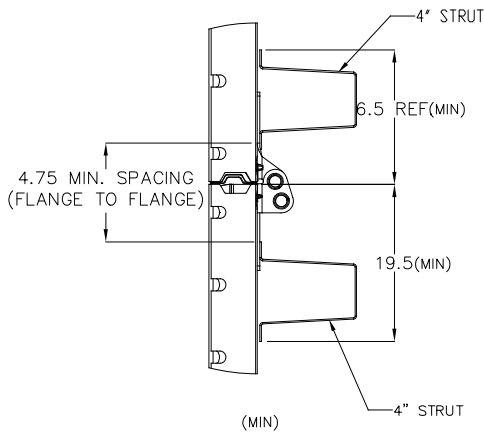
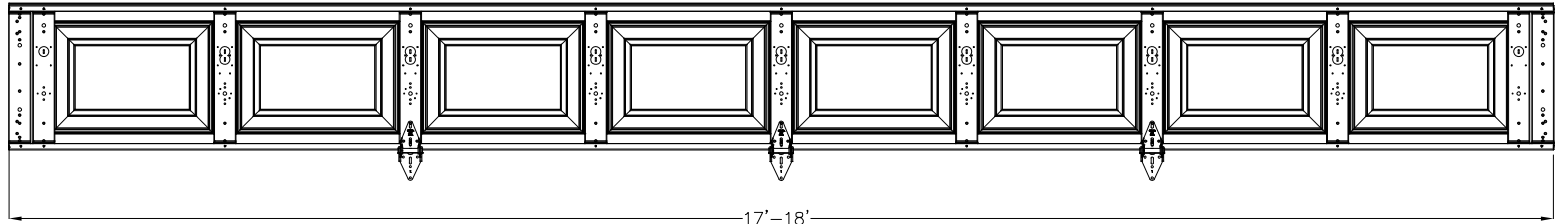


TYPICAL TRACK CLIP WELDING DETAIL

THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		Wayne Dalton GARAGE DOORS		PENSACOLA, FLORIDA	
	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE	TOLERANCES: .X = $\pm .1$.XX = $\pm .03$.XXX = $\pm .010$ ANGULAR = $\pm .5^\circ$ HOLES: < $\emptyset .251$ = $+0.004/-0.003$ $\emptyset .251-\emptyset .500$ = $+0.006/-0.003$ > $\emptyset .500$ = $+0.008/-0.003$	DRAWN G.CLARK 4-11-19 CHECKED D.KORNISH 2-18-20 APPROVED - - MATERIAL - FINISH - WINDLOAD SPECIFICATION OPTION CODE 1148	DESCRIPTION 8000/8100/8200 18'2" MAX WIDTH		SIZE D	DWG NO. D-365184	REV P-00
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	DIMS CIRCLED WITH SYMBOL '⌀' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SCALE 1:12	UOM = EA	SHEET 2 OF 4	

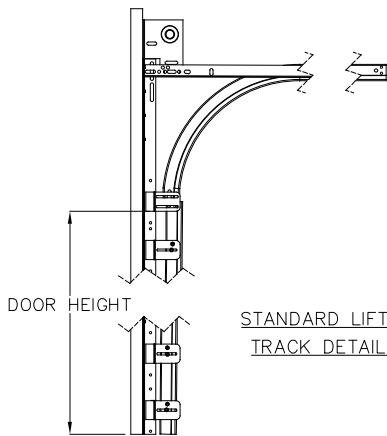
NOTES: (UNLESS OTHERWISE SPECIFIED)

CENTER STILE AND INTERMEDIATE HINGE LOCATIONS

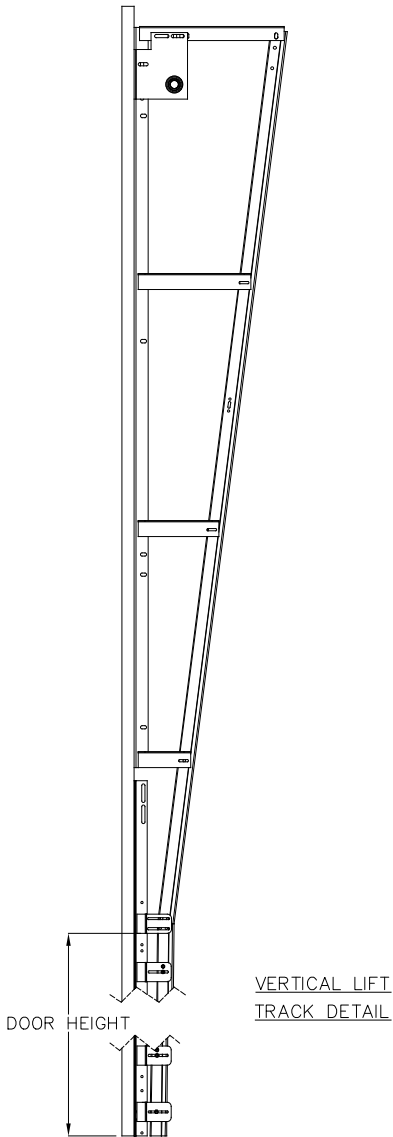


JOHN E. SCATES, PE
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LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

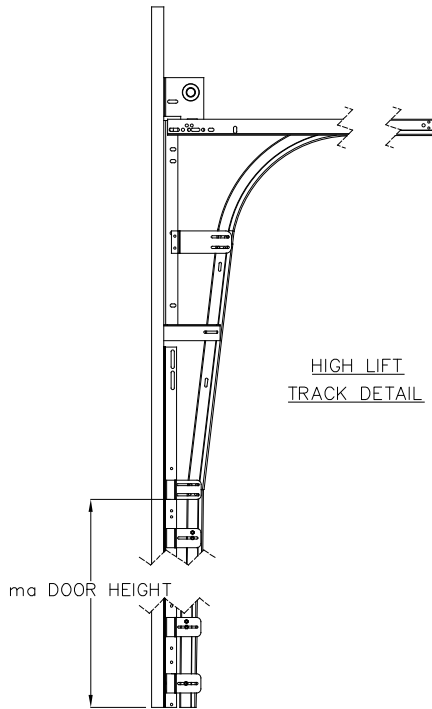
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



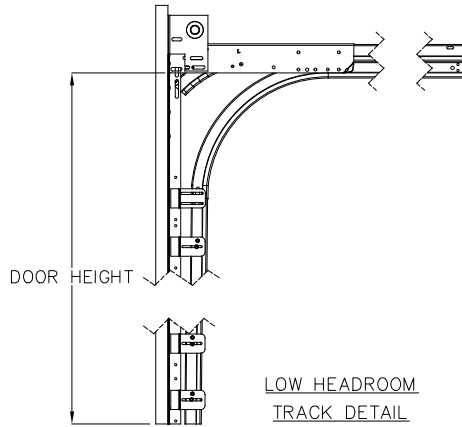
STANDARD LIFT
TRACK DETAIL



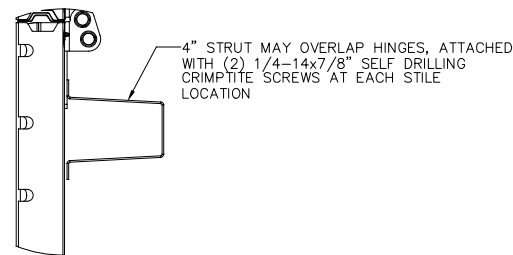
VERTICAL LIFT
TRACK DETAIL



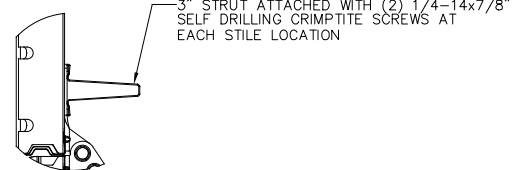
HIGH LIFT
TRACK DETAIL



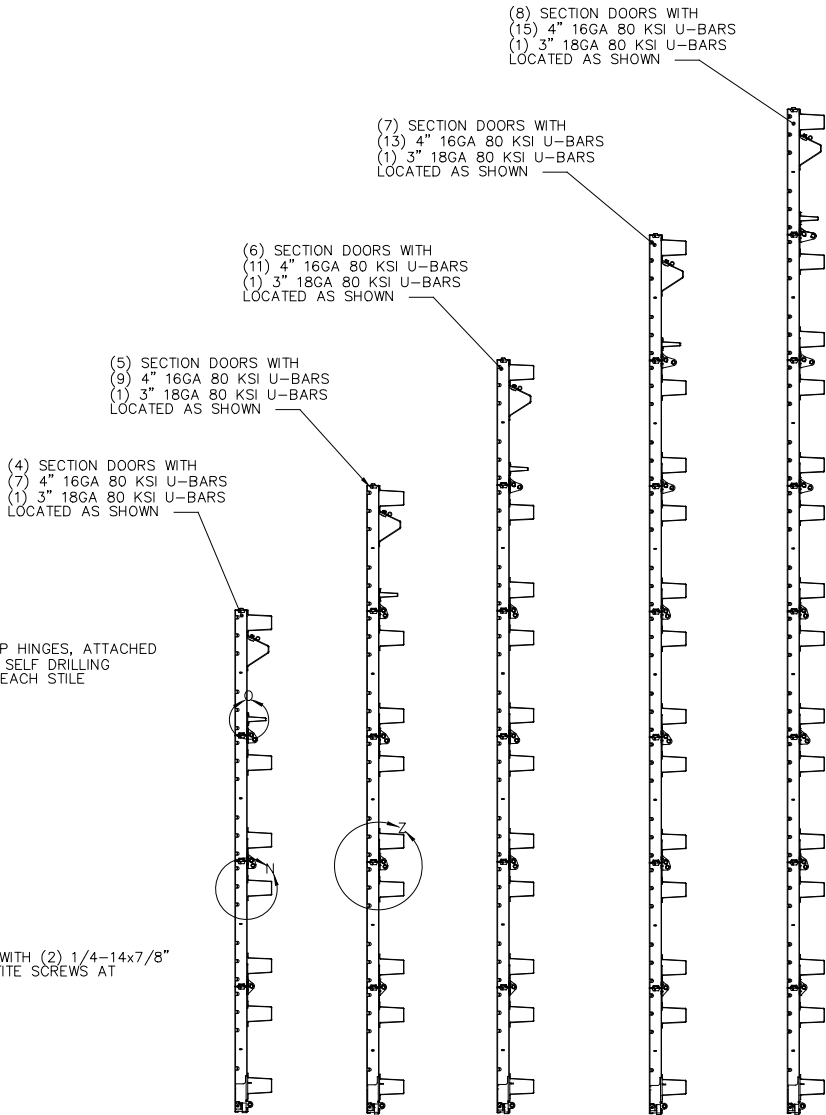
LOW HEADROOM
TRACK DETAIL



DETAIL N
SCALE 1 : 4

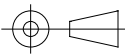


DETAIL O
SCALE 1 : 4



STRUT LOCATIONS
SCALE 1 : 16

THIRD ANGLE PROJECTION



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PENSACOLA, FLORIDA 32514
(850)-474-9890

INTERPRET DIMS & TOLS
PER ASME Y14.5M
ALL DIMS ARE IN
INCHES
DO NOT SCALE
DIMS CIRCLED WITH SYMBOL 'O'
ARE CRITICAL TO QUALITY DESIGN
FEATURES & MUST MEET APPLICABLE
IN-PROCESS INSPECTION STANDARDS.

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

.X = ±.1
.XX = ±.03
.XXX = ±.010
ANGULAR = ±.5 °

HOLES:

< Ø.251 = +.004/- .003
Ø.251-Ø.500 = +.006/- .003
> Ø.500 = +.008/- .003

ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:

APPROVALS DATE

DRAWN G.CLARK 4-11-19

CHECKED D.KORNISH 2-18-20

APPROVED - -

MATERIAL -

FINISH -

WINDLOAD SPECIFICATION
OPTION CODE 1148



PENSACOLA, FLORIDA

DESCRIPTION

8000/8100/8200 18'2" MAX WIDTH

SIZE

D

DWG NO.

D-365184

REV

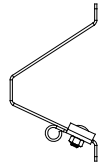
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SCALE 1:12

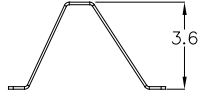
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SHEET 3 OF 4

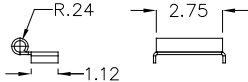
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



TOP FIXTURE ASSY.

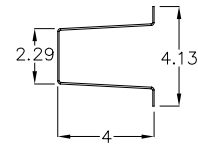


BASE TOP FIXTURE
11GA

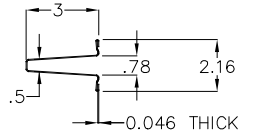


ROLLER CARRIER
13GA

TOP FIXTURE DETAILS

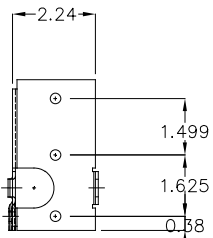


80 KSI MIN. 4" STRUT (UBAR)
YEILD STRENGTH, 4" X 16GA

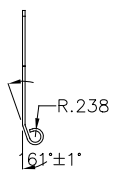


3" STRUT OPEN WL (UBAR)
80 KSI MIN. YEILD STRENGTH, 3" X 18GA

STRUT DETAILS

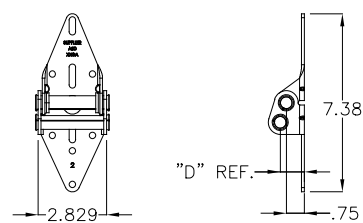


BOTTOM FIXTURE
14 GA



BRACKET, TOP, RES, LHR
12 GA

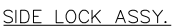
BOTTOM FIXTURE DETAILS



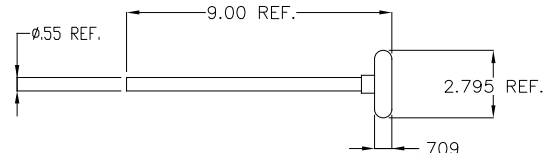
CENTER HINGES
14GA

END HINGE
11GA

HINGE DETAILS



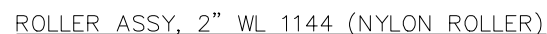
LOCK DETAILS



ROLLER ASSY, 2" WL 1144 (STEEL ROLLER)

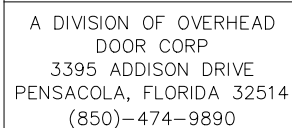
ROLLER ASSY, 3" WL 1144

ROLLER STEM ASSY DETAILS (WITH PUSH NUTS)



ROLLER ASSY, 2" WL 1144 (NYLON ROLLER)

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INTERPRET DIMS & TOLS
PER ASME Y14.5M
ALL DIMS ARE IN
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DIMS CIRCLED WITH SYMBOL 'Ⓢ'
ARE CRITICAL TO QUALITY DESIGN
FEATURES & MUST MEET APPLICABLE
IN-PROCESS INSPECTION STANDARDS.

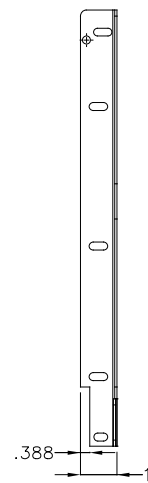
HOLES:

< Ø.251	= +.004 / - .003
Ø.251 - Ø.500	= +.006 / - .003
> Ø.500	= +.008 / - .003

ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:

WINDLOAD SPECIFICATION
OPTION CODE 1148

MARKET DETAILS



FLAG ANGLE
13GA

