

NOTES

- DESIGNED AND TESTED IN ACCORDANCE WITH WIND LOAD PROVISIONS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
- PRESSURES LISTED AS POSITIVE/NEGATIVE (DESIGN).
- SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
- LIFT CLEARANCE OR FULL VERTICAL TRACK MAY ALSO BE USED.
- LOW HEADROOM TRACK MAY BE USED WITH EITHER DRAWBAR OPERATOR OR LOCK.
- FASTENING METHODS (TRACK TO WALL).
- SPACING BASED ON BRACKET SPACING (SEE CHART BELOW):

A. JAMB BRACKETS (TYP WOOD JAMBS) STYLE TRACK-- 5/16" x 1 3/4" LAG BOLT, OR EQUIVALENT.

B. ALTERNATE ANGLE MOUNT--SEE SHEET 2

6. FOR COMMERCIAL HARDWARE DETAILS SEE DRAWING 408717.

7. STRUTS TO BE ATTACHED ± 3" FROM CENTER LINE OF SECTION.

8. MULTIPLE ALUMINUM FULL VIEW OR GLAZED SECTIONS MAY REPLACE ANY SECTION EXCEPT TOP AND BOTTOM SECTIONS.

9. ALUMINUM FULL VIEW SECTIONS TO BE INSTALLED WITH MIN 1/8 DSB GLAZING AND ALUMINUM RETAINERS TO MEET THE LISTED STATIC DESIGN PRESSURES.

10. MAX WIDTH 10 FT. FOR ALUMINUM FULL VIEW SECTIONS AT THE LISTED DESIGN PRESSURES.

11. GLAZING FRAME OPTION--1/8" MIN DSB GLAZING MEETS UNIFORM STATIC DESIGN PRESSURES LISTED ON

THIS DRAWING. GLAZING FRAME SHALL HAVE MAX HEIGHT OF 7" AND MAX LENGTH OF 24".

12. GLAZING OPTIONS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND BORNE DEBRIS REGIONS.

13. STRUTS ON FULL VIEW OF GLAZED SECTION(S) TO MATCH THE STRUTS ON THE ADJACENT STEEL SECTIONS.

14. STRUT OR Z STRUT INSTALLATION:

A. FOR STRUTS ONLY-- USE ONE SCREW (P/N 605879-0002) ON BOTH SIDES OF STRUT AT EACH END STILE AND CENTER STILE.

B. FOR Z STRUT (P/N 407756-XXXX) OR 6" C-CHANNEL (410819-XXXXXX).

15. REFERENCE WINDLOAD SPECIFICATION CHART FOR END STILE REQUIREMENTS (SEE DETAIL E).

16. WHEN STANDARD SECTION WITH DOUBLE END STILE.

17. WHEN FULL VISION WITH DOUBLE END STILE.

18. A = 1.00" AND B = 6.5"

19. WHEN FULL VISION WITH DOUBLE END STILE.

20. A = 1.00" AND B = 6.5"

21. USE 1 SCREW (P/N 605879-0002) AT EACH END STILE AND CENTER STILE TO ATTACH.

22. ATTACH A STRUT STRAP AT EVERY HINGE.

23. USE ONE SCREW AT THE TOP AND BOTTOM RAIL OF THE SECTION AND ONE SCREW THROUGH Z STRUT (ATTACH 6" TALL C-CHANNEL TO STRAP WITH 2X SCREWS PER STRAP LOCATION).

24. THE 6" TALL 16GA, Z(407756-0001) OR (2) HS-3 MAY BE SUBSTITUTED FOR 6" 16GA C(410819)

25. 3" 20GA STEEL STRUTS (411186-XXXX) MAY BE SUBSTITUTED FOR HS-2 STRUTS (400650-0002).

26. FULL VIEW SECTION

27. OPTIONAL

28. CABLE DRUM

29. TORSION SPRING

30. COUNTERBALANCE

31. TOP FIXTURE

32. CENTER HINGE

33. END STILE

34. END HINGE

35. BOTTOM FIXTURE

36. ROLLER HOLDER REQUIRED ON DOUBLE END STILES ONLY

37. 30'-1" MAX HEIGHT

38. 24" X 7" GLAZING

39. SCAB BRACKET (TYP)

40. VERTICAL TRACK

41. JOINT BRACKET

42. JOINT BRACKET

43. 12"R OR 15"R

44. 12.00

45. HEADROOM

46. HEADPLATE

47. HORIZONTAL TRACK

48. ANGLE

49. TRACK

50. SECTION B-B HORIZONTAL TRACK

51. WEATHERSEAL

52. WEATHERSEAL RETAINER

53. SECTION F-F BOTTOM WEATHERSEAL

54. SCAB BRACKET (TYP)

55. VERTICAL TRACK

56. JOINT BRACKET

57. JOINT BRACKET

58. 12"R OR 15"R

59. 12.00

60. HEADROOM

61. HEADPLATE

62. HORIZONTAL TRACK

63. ANGLE

64. TRACK

65. SECTION B-B HORIZONTAL TRACK

66. WEATHERSEAL

67. WEATHERSEAL RETAINER

68. SECTION F-F BOTTOM WEATHERSEAL

69. SCAB BRACKET (TYP)

70. VERTICAL TRACK

71. JOINT BRACKET

72. JOINT BRACKET

73. 12"R OR 15"R

74. 12.00

75. HEADROOM

76. HEADPLATE

77. HORIZONTAL TRACK

78. ANGLE

79. TRACK

80. SECTION B-B HORIZONTAL TRACK

81. WEATHERSEAL

82. WEATHERSEAL RETAINER

83. SECTION F-F BOTTOM WEATHERSEAL

84. SCAB BRACKET (TYP)

85. VERTICAL TRACK

86. JOINT BRACKET

87. JOINT BRACKET

88. 12"R OR 15"R

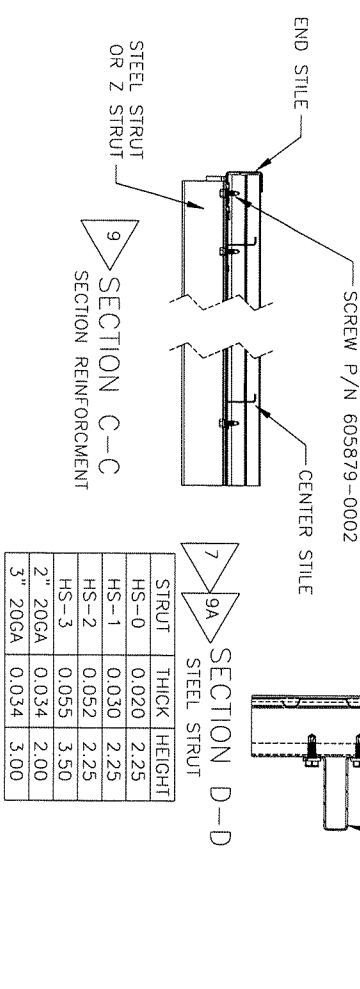
89. 12.00

90. HEADROOM

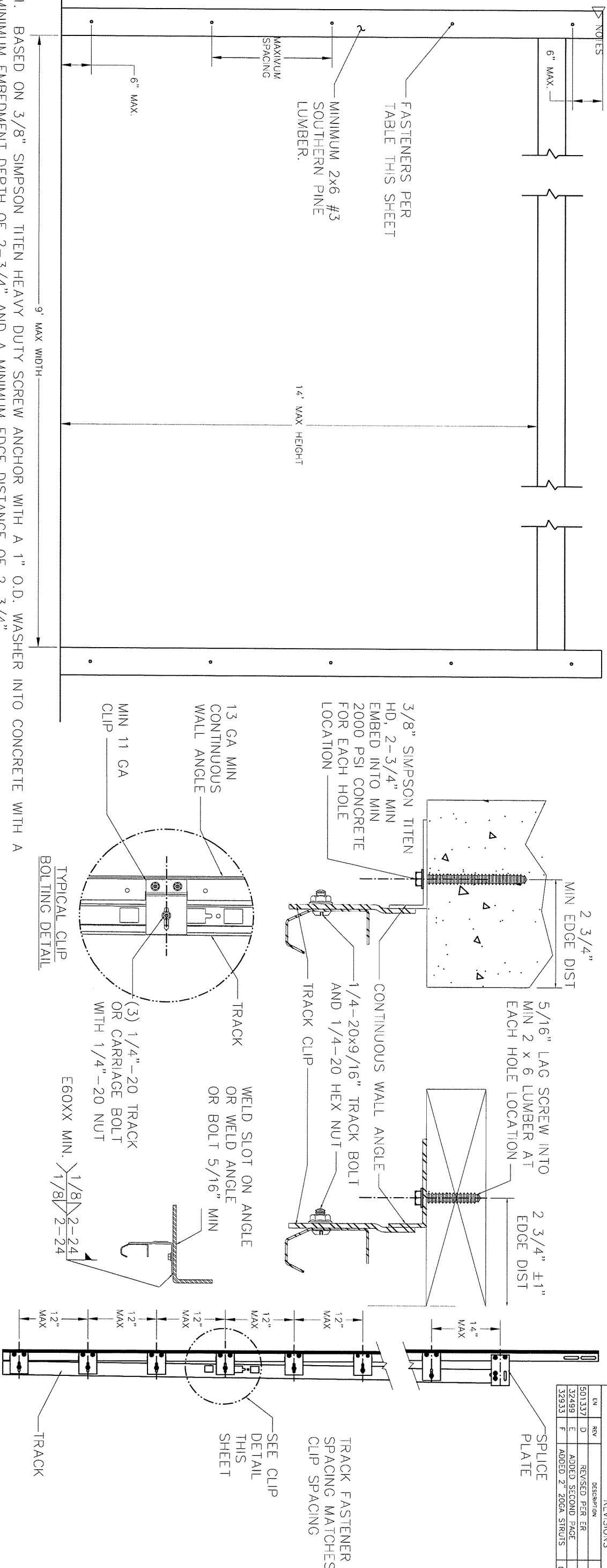
91. HEADPLATE

92. HORIZONTAL TRACK

93. ANGLE

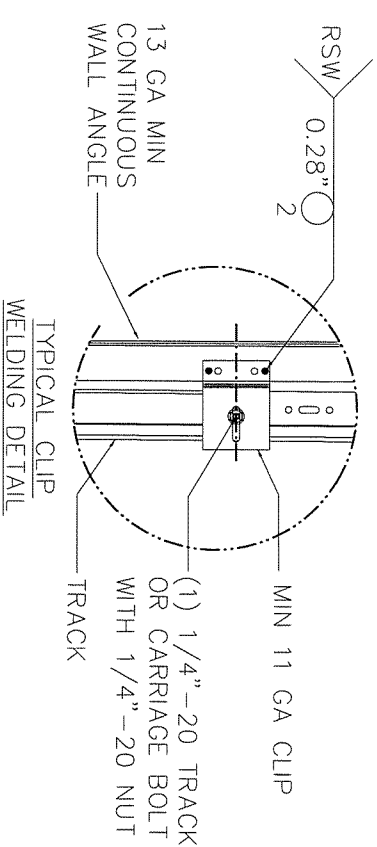


REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
501337	D	REVISED PER ER	10/12/11	SFT
37489	E	ADDED SECOND PAGE	10/06/20	TLC
37933	F	ADDED 2" ZOGA STRUTS	05/05/25	M.DAUS



1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +/-354.2 LBS PER FOOT.
6. CHART INCLUDES A SAFETY FACTOR OF 4.
7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.
8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.
9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

CLIPS TO BE EITHER
BOLTED OR WELDED. SEE
DETAILS THIS PAGE.



MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)		
3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE ^{NOTE 1}	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU ^{NOTE 2}	3/8" X 3" LONG LAG SCREW ^{NOTE 3}
24	16	24

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ASIDE Y14.100 AND Y14.15 SPECIFIED GLASS CONFORMS TO U.S. CUSTOMARY UNITS.		ASIDE Y14.100 AND Y14.15 SPECIFIED GLASS CONFORMS TO U.S. CUSTOMARY UNITS.		ASIDE Y14.100 AND Y14.15 SPECIFIED GLASS CONFORMS TO U.S. CUSTOMARY UNITS.		ASIDE Y14.100 AND Y14.15 SPECIFIED GLASS CONFORMS TO U.S. CUSTOMARY UNITS.		ASIDE Y14.100 AND Y14.15 SPECIFIED GLASS CONFORMS TO U.S. CUSTOMARY UNITS.	
REF DWG		USED ON		USED ON		USED ON		USED ON	
TOLERANCES UNLESS OTHERWISE SPECIFIED		WHOLE NUMBERS:		FINISH		UNITS OF MEASURE		DATE	
± .25		± .1		N/A		N/A		3/27/20	
± .03		± .010		N/A		N/A		10/12/20	
± .5		± .5		N/A		N/A		10/12/20	
HOTES:		HOTES:		HOTES:		HOTES:		HOTES:	
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THE OVERHEAD DOOR GROUP		THE OVERHEAD DOOR GROUP		THE OVERHEAD DOOR GROUP		THE OVERHEAD DOOR GROUP		THE OVERHEAD DOOR GROUP	
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DRAWN BY:		DRAWN BY:		DRAWN BY:		DRAWN BY:		DRAWN BY:	
J. CLARK		J. CLARK		J. CLARK		J. CLARK		J. CLARK	
CHECKED BY:		CHECKED BY:		CHECKED BY:		CHECKED BY:		CHECKED BY:	
T. CLARK		T. CLARK		T. CLARK		T. CLARK		T. CLARK	
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L. KRUPKE		L. KRUPKE		L. KRUPKE		L. KRUPKE		L. KRUPKE	
SCALE: N/A		SCALE: N/A		SCALE: N/A		SCALE: N/A		SCALE: N/A	
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WINDLOAD: 420/422, 50/-50 PSF, 14'-2" MAX		WINDLOAD: 420/422, 50/-50 PSF, 14'-2" MAX		WINDLOAD: 420/422, 50/-50 PSF, 14'-2" MAX		WINDLOAD: 420/422, 50/-50 PSF, 14'-2" MAX		WINDLOAD: 420/422, 50/-50 PSF, 14'-2" MAX	