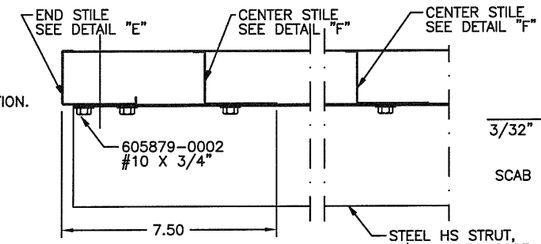
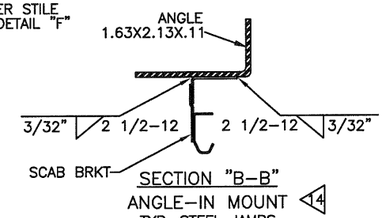
NOTES

1. RATED DESIGN LOAD ±50 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
3. REMOVED.
4. REMOVED.
5. STRUTS TO BE ATTACHED +/– 6" FROM CENTER LINE OF SECTION.
6. TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201–94, TAS 202–94, & TAS 203–94.
7. PER ASTM A–653 AND SS GRADE 40,000 PSI MIN. YIELD PER ASTM A–653.
8. JAMB LOAD CALCULATIONS:
   (1/2 DOOR WIDTH)(1 FT OF HEIGHT)(DESIGN LOAD)
   (5 FEET)(1 FOOT)(50 lb/SF)=250 lb/FT OF HEIGHT)
9. JAMB FASTENER REQUIREMENTS:
   F =(1/2 DOOR WIDTH)(2 FT)(DESIGN LOAD)
   F =(5 FT)(2 FT)(50 PSF)=500 lb.
10. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A–525 TO G40 MIN.
11. FOR ANCHORING INTO WOOD, USE ONE 5/16" LAG SCREW PER TRACK BRACKET WITH 1 1/2" EMBEDMENT INTO S.Y. PINE OR BETTER.
12. IF ANCHORED DIRECTLY TO (2000 PSI MIN) CONCRETE OR GROUT FILLED CONCRETE BLOCKS OR THRU A 2x6 WOOD JAMBS. USE ONE 5/16" POWERS LOK/BOLT PER TRACK BRACKET WITH 1 1/2" EMBEDMENT INTO CONCRETE OR BLOCK.
13. APPROVED NON–INSULATED: 424, 416, 420. APPROVED INSULATED: 426, 418, 422.
14. WELD SLOT ON ANGLE AND 3/32" FILLET WELD ON ANGLE HEEL 2–1/2" LONG ON 12" CENTERS.
15. LIFT–UP MECHANISM NOT PART OF THIS APPROVAL BUT SHALL BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
16. BOTTOM BAR SHALL BE LINED UP FLUSH WITH END OF SECTION. ONE SCREW SPACED 1" FROM EACH END OF DOOR SECTION AND AT EACH PRE–PUNCHED HOLE.

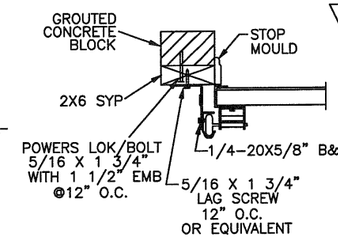
REVISIONS			
LETTER	DESCRIPTION	DATE	APPROVAL
L	REV PER EN 12018	11/2/06	MS
M	REV PER ER 500064	3/25/09	SFT
N	REV PER ER 501265	10/24/11	SFT



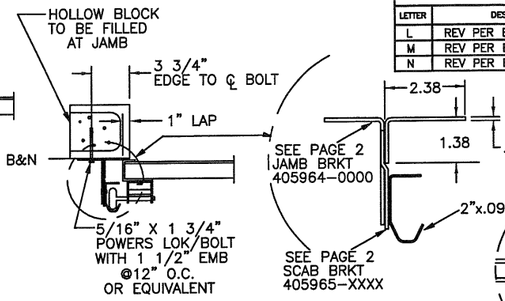
SECTION "D–D"
STEEL STRUTS
(10' 2" WIDE)



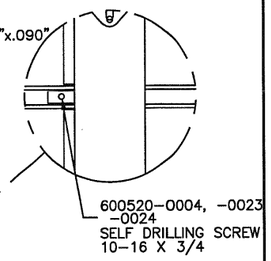
SECTION "B–B"
ANGLE–IN MOUNT
TYP. STEEL JAMBS
VERTICAL TRACK

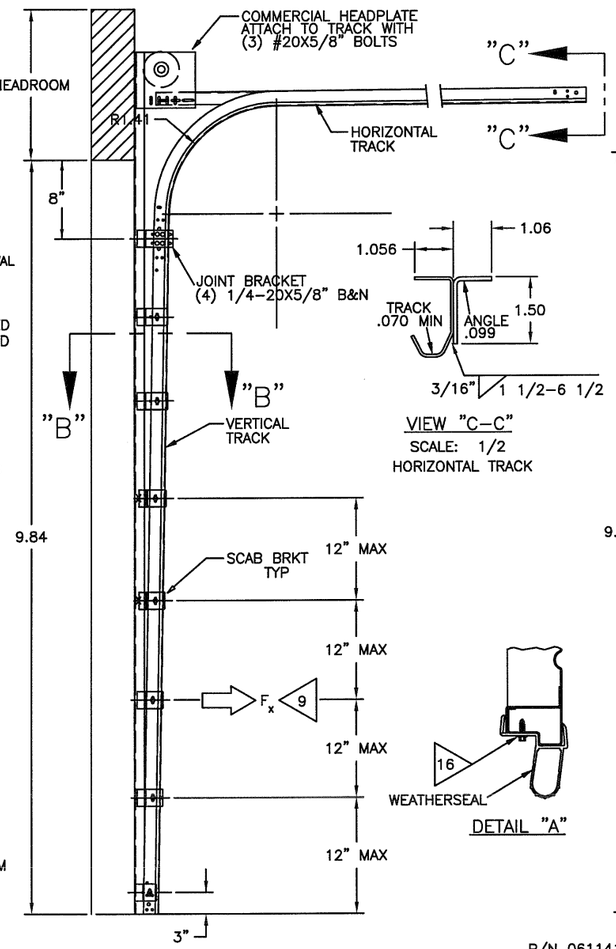


SECTION "B–B"
JAMB BRACKET MOUNT
TYP. WOOD JAMBS



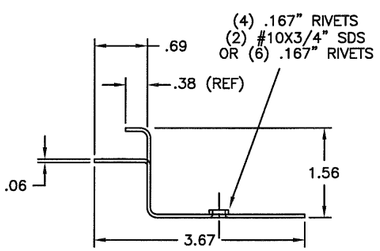
SECTION "B–B"
ANGLE AND BRACKET MOUNT
TYP. MASONRY JAMBS



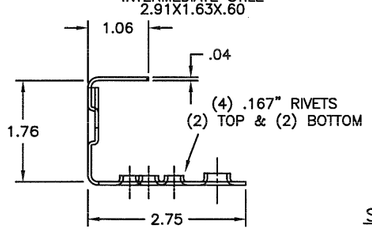


SIDE ELEVATION OF TYPICAL COMMERCIAL TRACK

VIEW "C–C"
SCALE: 1/2
HORIZONTAL TRACK

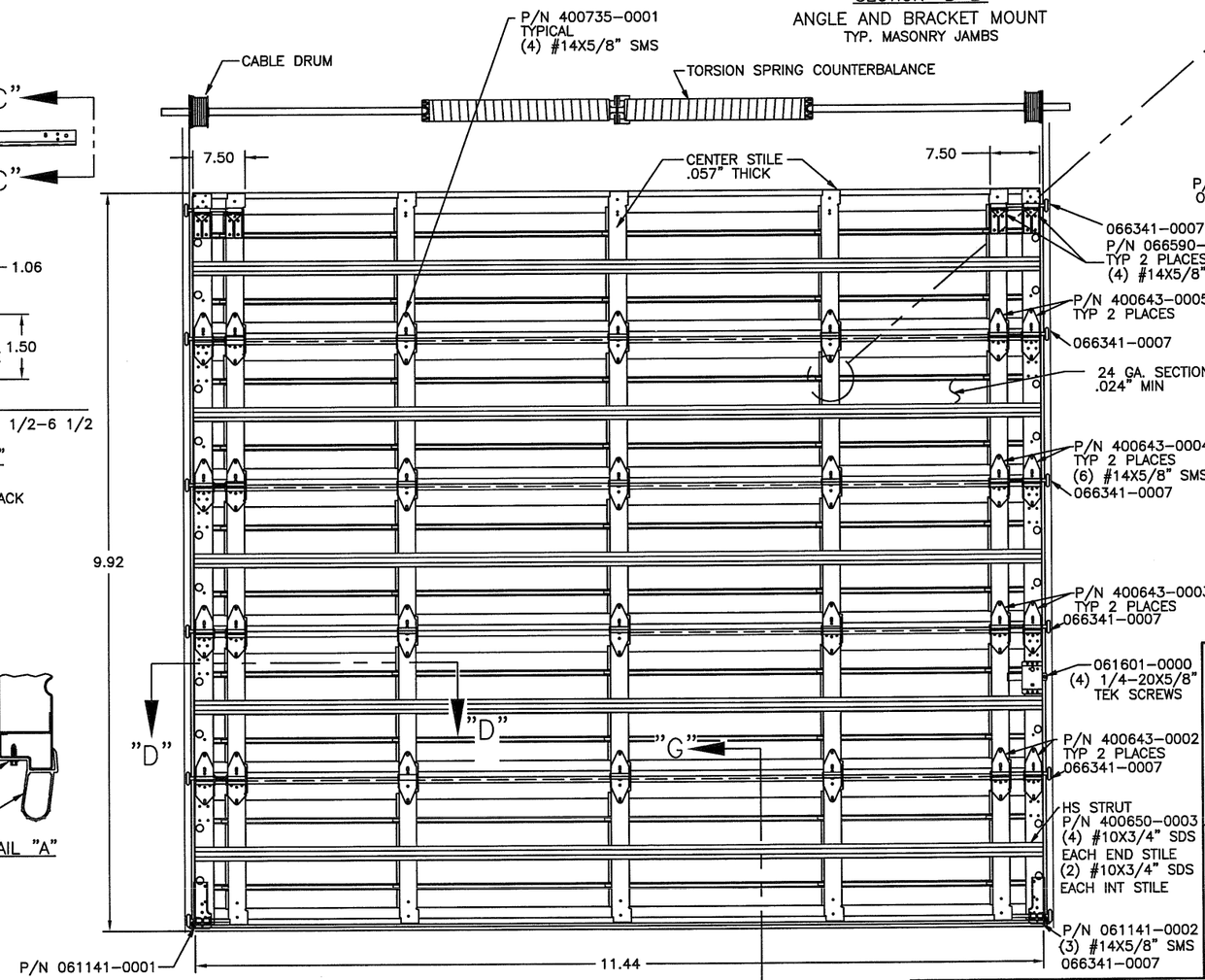


DETAIL "F"
P/N 406917–0001
INTERMEDIATE STILE
2.91X1.63X.60

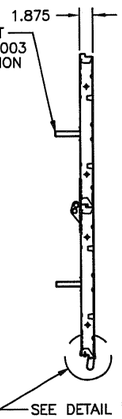


DETAIL "E"
P/N 406916–0001
END STILE
2.75X1.90X.06

DETAIL "A"



INTERIOR ELEVATION OF COMMERCIAL SECTIONAL DOOR



SIDE ELEVATION OF COMMERCIAL SECTIONAL DOOR

DOOR WIDTH	CENTER STILE	END STILE	STRUTS/SECT.	ROLLER	MAX. BRACKET SPACING	VERTICAL TRACK THICKNESS	JAMB LOAD # PER FT–HT	HARDWARE
10' 2"	3	DOUBLE	HS3	2" X 7/16"	12"	.090	250	STD

OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HWY 121
BUSINESS, SUITE 200
LEWISVILLE, TX 75067
MARK A. SAWICKI, P.E. #72613

3/23/12
Mark Sawicki
TXPE 106241

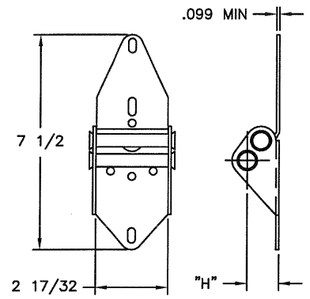
UNLESS OTHERWISE SPECIFIED						
DIMENSIONS ARE IN INCHES; TOLERANCES ON DECIMAL DIMENSIONS .XX= ± .03 .XXX= ± .005	HOLE DIAMETERS UNDER .251 +.004–.003 .251 TO .500 +.006–.003 OVER .500 +.008–.003	ANGLES ± 0° 30' FRACTIONS ± 1/16"	OVERHEAD DOOR the original since 1921 DALLAS, TEXAS		NAME	DATE
			MATERIAL: N/A		DRAWN BY: AL LEWIS	2/24/94
					CHECKED BY: JW COMPTON	4/8/94
			APPLIED FINISH: NONE	UNIT OF MEASURE: EACH	APPROVED BY: JL GRISHAM	4/8/94

DRAWING TITLE: WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, 50 PSF, DADE COUNTY, 10'2" MAX WIDTH

DRAWING NUMBER: D-408776

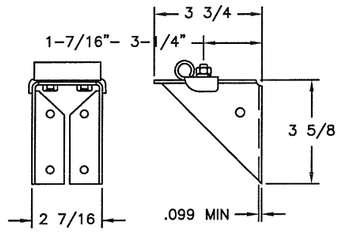
SCALE: 3/32 SHEET 1 OF 2

NOTES

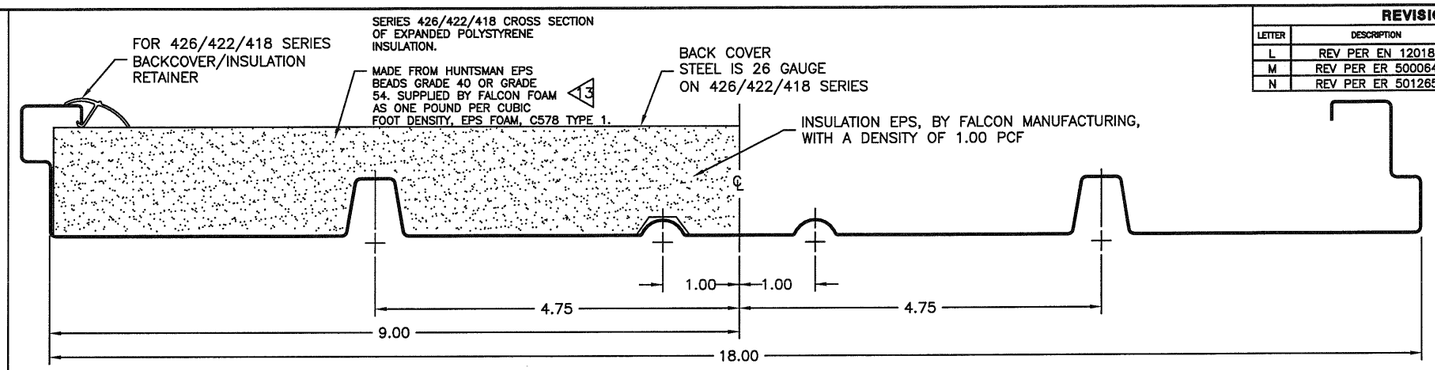


P/N 400643-XXXX, END HINGE
STANDARD

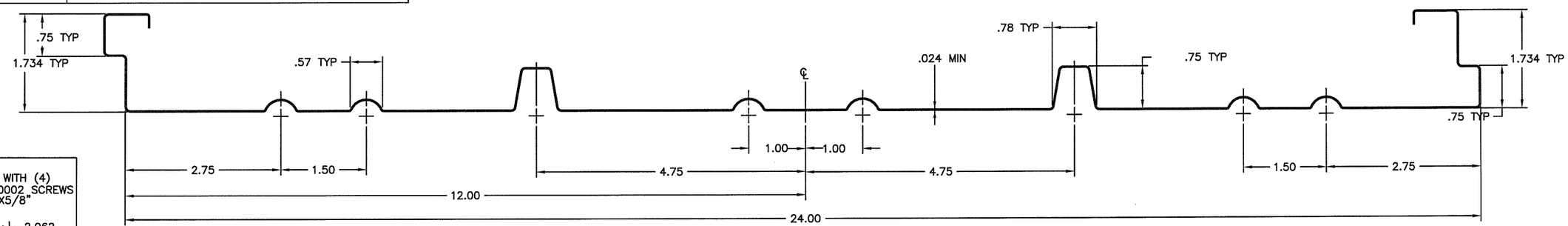
PART NUMBER	DIM "H" (REF)
400643-0002	0.84
400643-0003	1.09
400643-0004	1.34
400643-0005	1.59
400643-0006	1.84
400643-0007	2.09
400643-0008	2.34

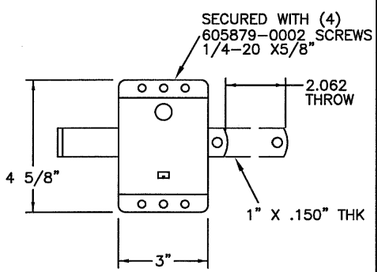


P/N 066590-0000, TOP FIXTURE
STANDARD

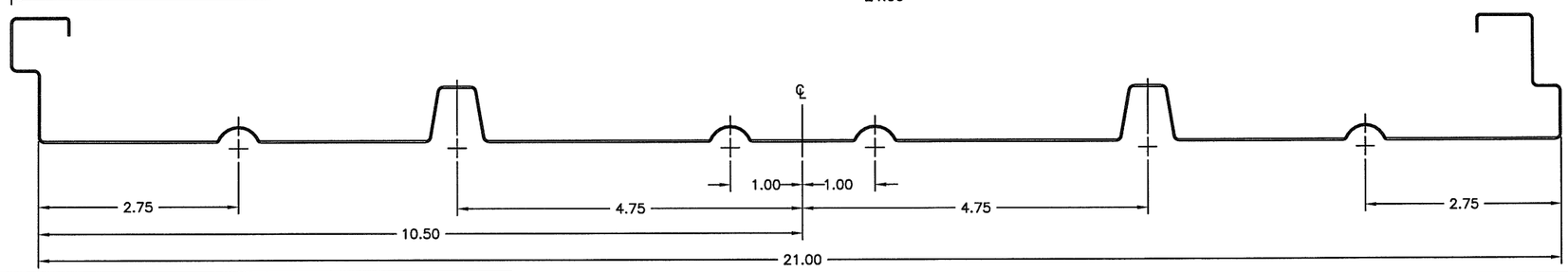


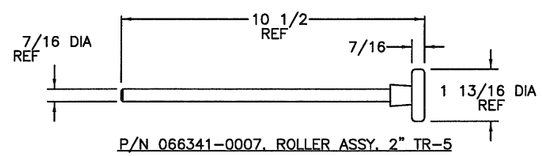
REVISIONS			
LETTER	DESCRIPTION	DATE	APPROVAL
L	REV PER EN 12018	11/2/06	MS
M	REV PER ER 500064	3/25/09	SFT
N	REV PER ER 501265	10/24/11	SFT



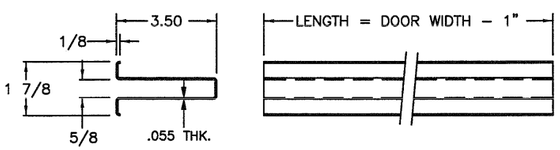


P/N 061601-0000, SLIDE LOCK ASSY

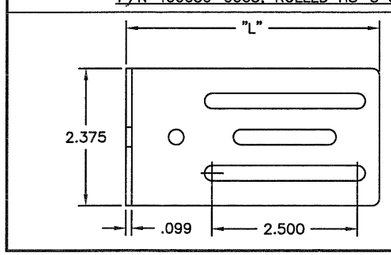




P/N 066341-0007, ROLLER ASSY, 2" TR-5

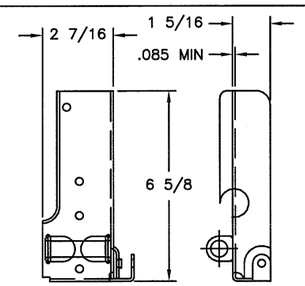


P/N 400650-0003, ROLLED HS-3 STRUT(U BAR)



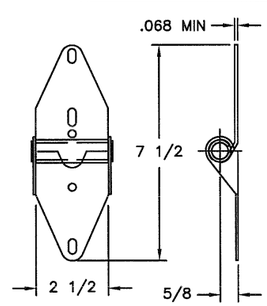
PART NUMBER	"L"
405964-0002	4.37
405964-0003	5.12
405964-0004	3.75

P/N 405964-0002 THRU -0004
JAMB BRACKET



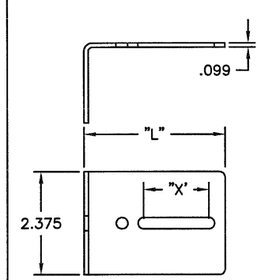
P/N 061141-0001, BOTTOM FIXTURE, LH OPPOSITE
P/N 061141-0002, BOTTOM FIXTURE, RH SHOWN
STANDARD FOR MAX WEIGHT 560#

7 SECT "G-G"
DOOR PANEL ONLY SHOWN FOR CLARITY ROTATED 90° CW



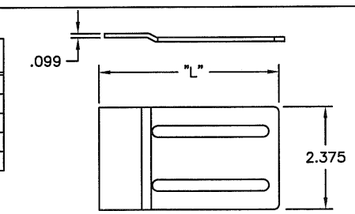
P/N 400735-0001, CENTER HINGE
STANDARD FOR 400 SERIES

PART NUMBER	"L"	"X"
405964-0000	2.75	1.000
405964-0001	3.25	1.500



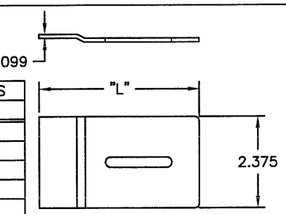
P/N 405964-0000 & -0001
JAMB BRACKET

PART NUMBER	"L" DIMENSION
408263-0002	4.250
408263-0003	5.000
408263-0004	5.750
408263-0005	6.500
408263-0006	7.250



408263-XXXX JOINT BRACKET

PART NUMBER	DIMENSIONS "L"
405965-0001	3.000
405965-0002	4.250
405965-0003	5.000
405965-0004	5.750
405965-0005	6.500
405965-0006	7.250



4 405965-XXXX SCAB BRACKET

3/23/12
Mark Sawicki

TXPE106291
OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HWY 121
BUSINESS, SUITE 200
LEWISVILLE, TX 75067
Mark A. Sawicki, P.E. #72613

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES/TOLERANCES ON
DECIMAL DIMENSIONS: .XX= ± .03; .XXX= ± .005
HOLE DIAMETERS: UNDER .251=+.004-.003; .251 TO .500=+.006-.003; OVER .500=+.008-.003
ANGLES: ± 0° 30'
FRACTIONS: ± 1/16"

OVERHEAD DOOR® the original since 1921 DALLAS, TEXAS

	NAME	DATE
DRAWN BY:	MANNY VEYNA	6/21/94
CHECKED BY:	P. VESSELS	6/21/94
APPROVED BY:	S. BOUCHER	6/21/94

MATERIAL: N/A
APPLIED FINISH: NONE
UNIT OF MEASURE: EACH

DRAWING TITLE: WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, 50 PSF, DADE COUNTY, 10'2" MAX WIDTH
DRAWING NUMBER: D- 408776
SCALE: FULL
SHEET 2 OF 2