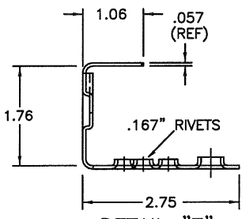
NOTES

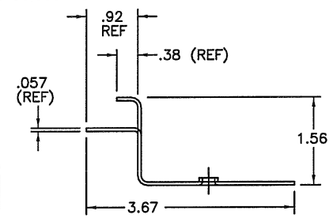
1. RATED DESIGN LOAD ±50 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
3. REMOVED
4. TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201-94, TAS 202-94, & TAS 203-94.
6. ASTM A-500, GRADE B, 40,000 PSI MIN. YIELD.
7. JAMB LOAD CALCULATIONS:
   (1/2 DOOR WIDTH)(1 FT OF HEIGHT)(DESIGN LOAD)
   (7 FEET)(1 FOOT)(50 LB/SF)=350lb/FT OF HEIGHT)
8. JAMB FASTENER REQUIREMENTS:
   F =(1/2 DOOR WIDTH)(1 FT)(DESIGN LOAD)
   F_x =(7 FT)(1 FT)(50 PSF)=350 lb.
9. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A-525 TO G90 OR AN EQUIVALENT SURFACE COATING APPROVED BY DADE COUNTY BUILDING CODE COMPLIANCE OFFICE.
10. ASTM A-446 GRADE B, 37,000 PSI MIN YIELD.
11. 426 SERIES ADDS INSULATION TO THE 424 AREA SERIES PAN.
12. WELD SLOT ON ANGLE AND 3/32" FILLET WELD ON ANGLE HEEL 2" LONG ON 12" CENTERS.
13. LIFT-UP MECHANISM NOT PART OF THIS APPROVAL BUT SHALL BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
14. PER ASTM A-653 AND SS GRADE 50,000 PSI MIN. YIELD PER ASTM A-653.
22. 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

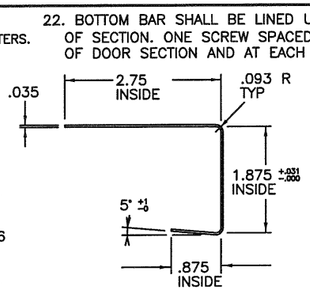
LETTER	DESCRIPTION	DATE	APPROVAL
F	REV PER EN 12018	11/2/06	MS
G	REV PER EN 12094	2/2/07	MS
H	REV PER ER 500012	3/6/09	SFT



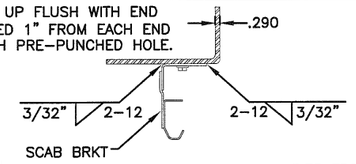
DETAIL "E"
P/N 406916-XXXX
END STILE
(6) .167" RIVETS



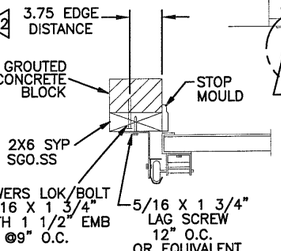
DETAIL "F"
P/N 406917-XXXX
CENTER STILE
(4) .167" RIVETS AND
(2) #10X3/4" SDS



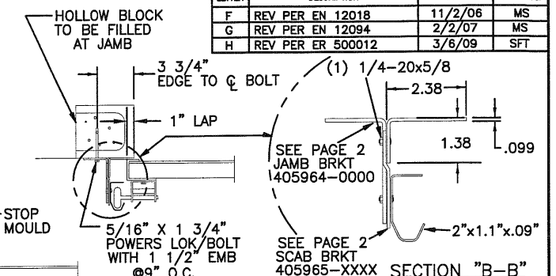
DETAIL "J"
P/N 408807-XXXX
END CAP
(2)#10X3/4" SDS



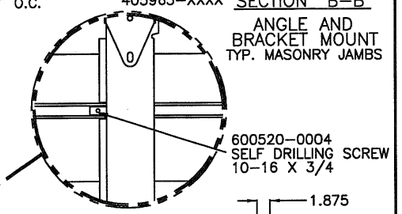
SECTION "B-B"
ANGLE-IN MOUNT
TYP. STEEL JAMBS
VERTICAL TRACK

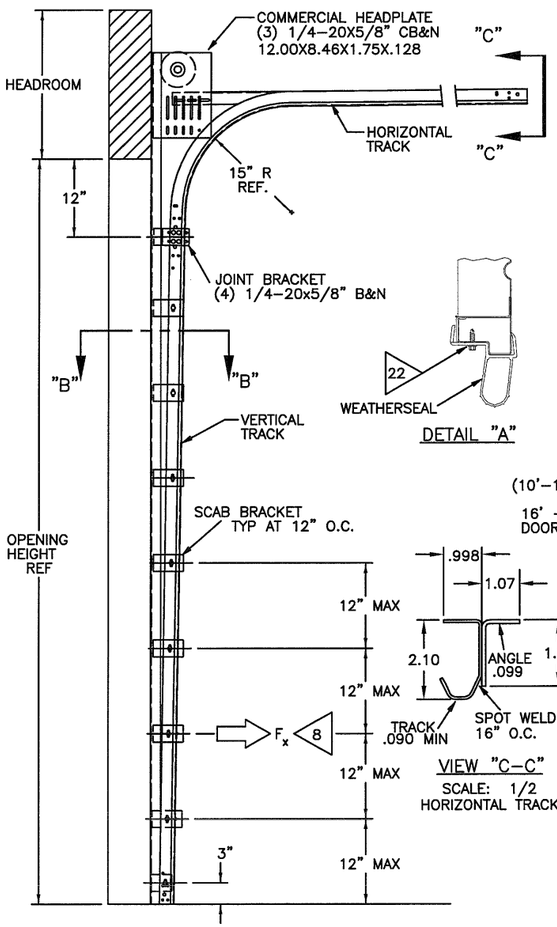


SECTION "B-B"
JAMB BRACKET MOUNT
TYP. WOOD JAMBS



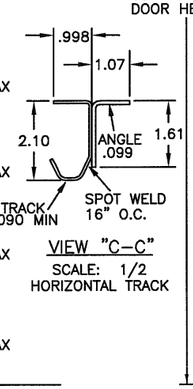
SECTION "B-B"
ANGLE AND BRACKET MOUNT
TYP. MASONRY JAMBS



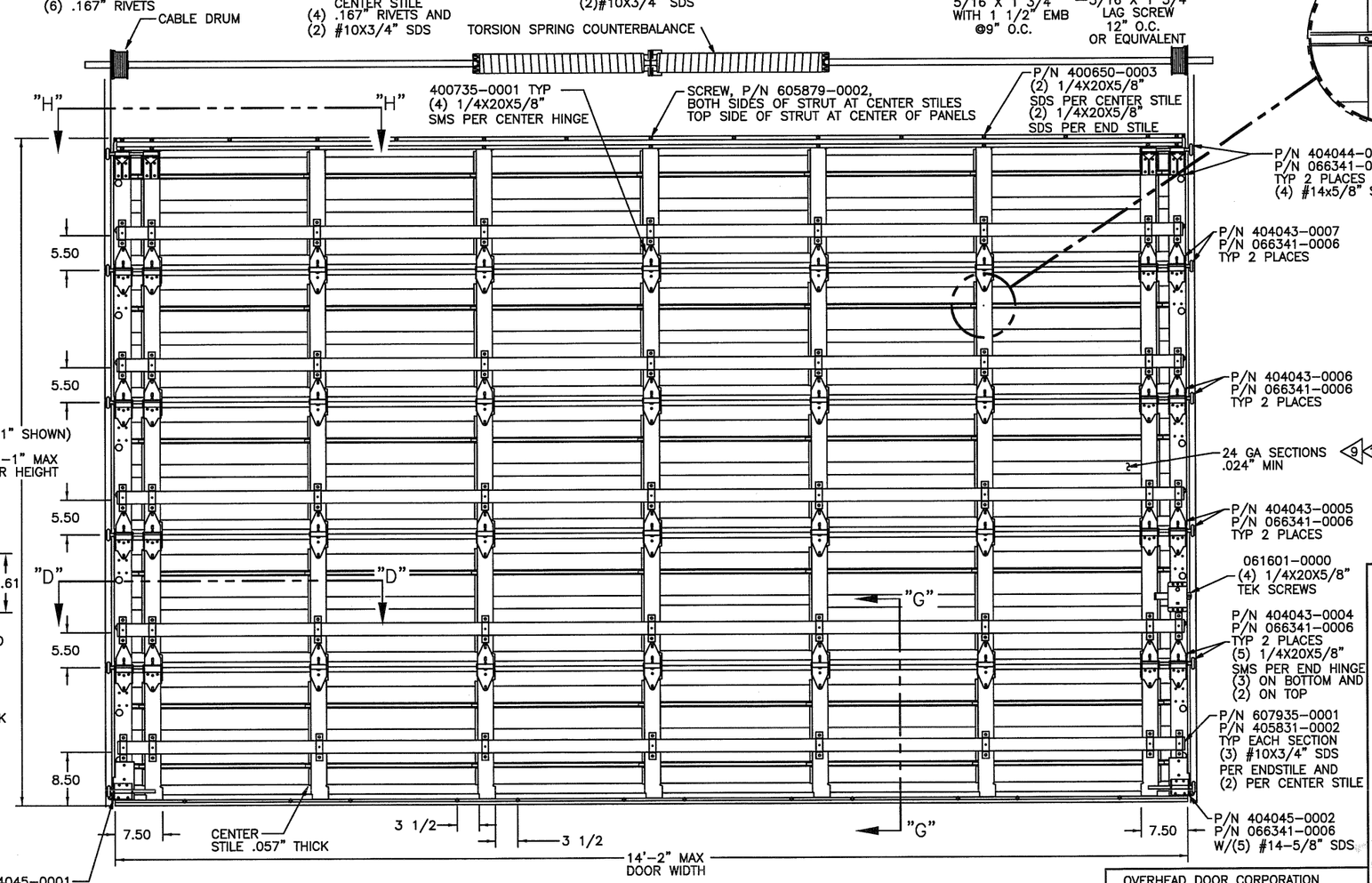


SIDE ELEVATION OF TYPICAL COMMERCIAL TRACK

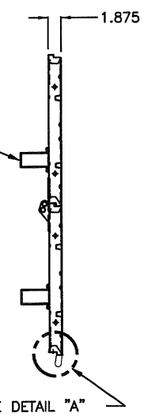
DETAIL "A"



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



INTERIOR ELEVATION OF COMMERCIAL SECTIONAL DOOR



SIDE ELEVATION OF COMMERCIAL SECTIONAL DOOR

SERIES 424 – 50 PSF WINDLOAD								
DOOR WIDTH	CENTER STILE	END STILE	STRUTS/SECT.	ROLLER	MAX. BRACKET SPACING	VERTICAL TRACK GAGE	JAMB LOAD (# PER FT-HT)	HARDWARE
14'-2"	5	DOUBLE	HS-3 4"x2"x.083"TUBE	2" X 5/8"	12"	.090"	350	STANDARD & HEAVY DUTY

OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HWY 121
BUSINESS, SUITE 200
LEWISVILLE, TX 75067

LeROY G. KRUPKE, P.E. #36580

3/23/13
MARK A. SAWICKI
106291
LICENSED
Mark A. Sawicki
TX PE 106291

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

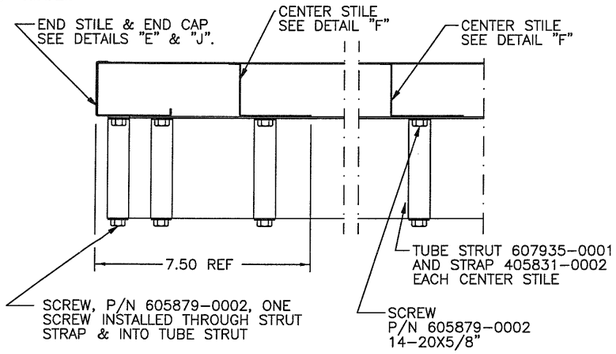
	NAME	DATE
DRAWN BY:	G.J. MOORE	7/28/94
CHECKED BY:	ADA JOHNSON	8/25/94
APPROVED BY:	S. BOUCHER	8/25/94

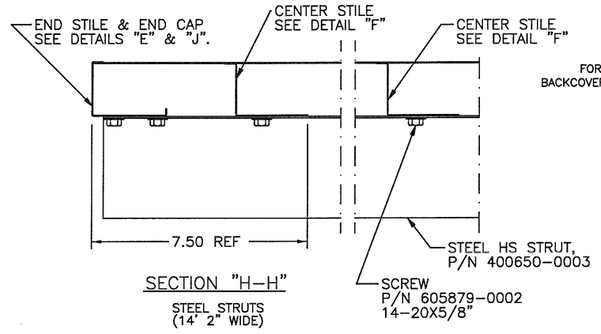
MATERIAL: N/A
APPLIED FINISH: NONE
UNIT OF MEASURE: EACH

DRAWING TITLE: SERIES 424/426 COMMERCIAL STEEL DOOR, 50 PSF, DADE CO. 14'-2" MAX WIDTH
DRAWING NUMBER D- 408806
SCALE: 3/32
SHEET 1 OF 2

NOTES

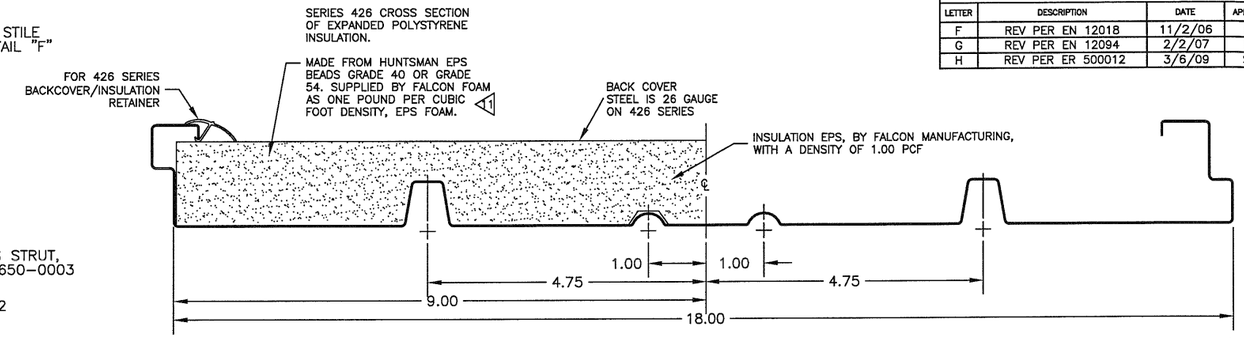
REVISIONS			
LETTER	DESCRIPTION	DATE	APPROVAL
F	REV PER EN 12018	11/2/06	MS
G	REV PER EN 12094	2/2/07	MS
H	REV PER ER 500012	3/6/09	SFT





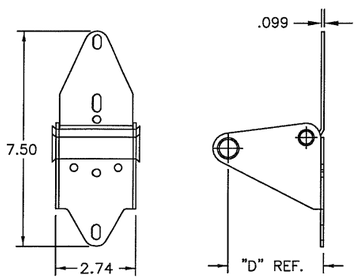
SECTION "H-H"

STEEL STRUTS (14' 2" WIDE)



SECTION "D-D"

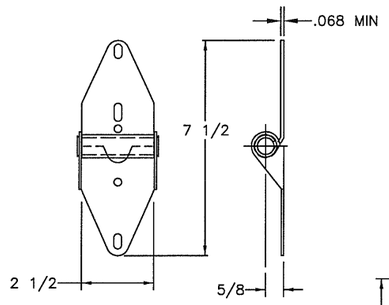
STEEL STRUTS (14' 2" WIDE)



P/N 404043-XXXX END HINGE

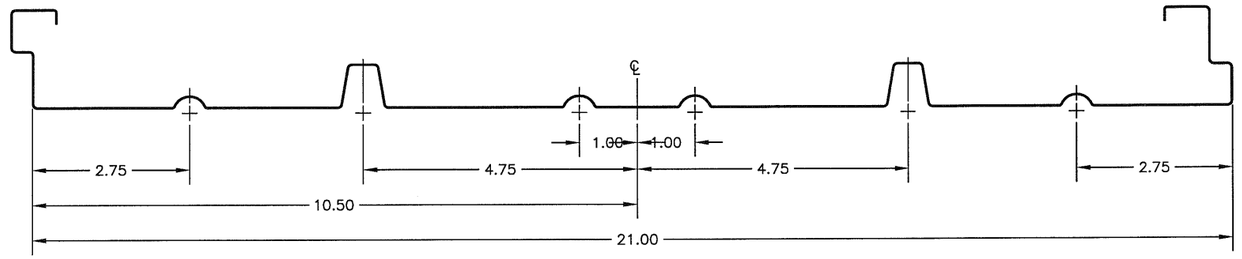
(-0004 THRU -0010 SHOWN)

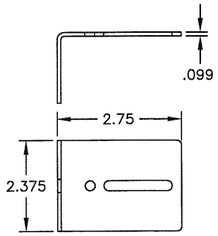
PART NUMBER	DIM."D" (REF)
404043-0004	1.34
404043-0005	1.59
404043-0006	1.84
404043-0007	2.09
404043-0008	2.34
404043-0009	2.59
404043-0010	2.84



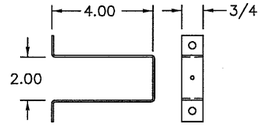
P/N 400735-0001, CENTER HINGE

STANDARD FOR 400 SERIES



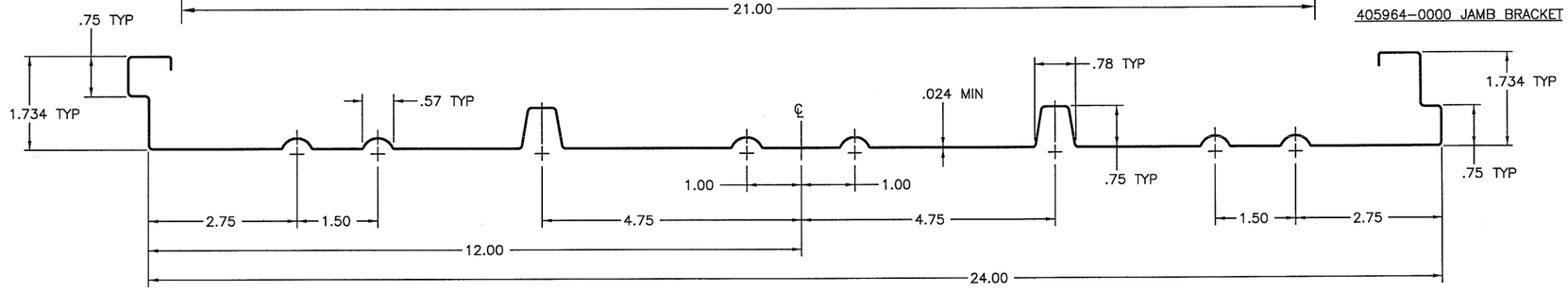


405964-0000 JAMB BRACKET



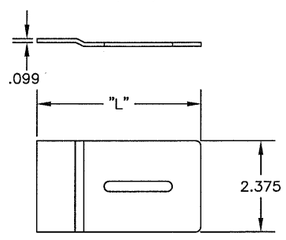
P/N 405831-0002 STRUT STRAP

16 GA, (.060) GALV. STEEL



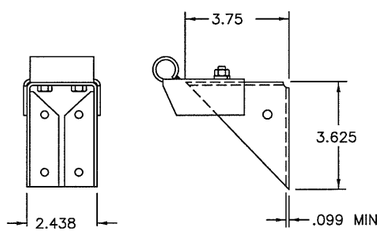
SECTION "G-G" 9 10

DOOR PANEL ONLY SHOWN FOR CLARITY ROTATED 90° CLOCKWISE



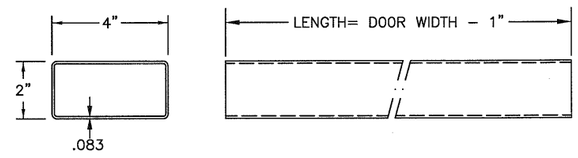
405965-XXXX SCAB BRACKET

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

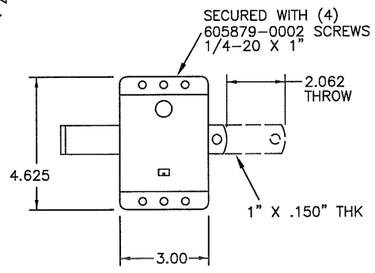


P/N 404044-0001, TOP FIXTURE

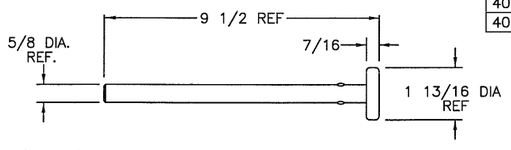
HEAVY, .625



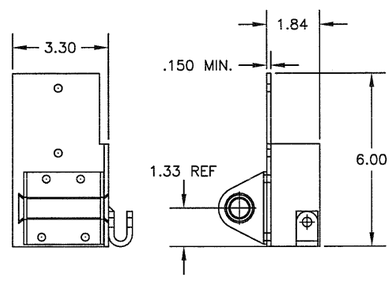
6 P/N 607935-0001, STRUCTURAL TUBING, RECTANGULAR, .083 THK. (ONE PER PANEL)



P/N 061601-0000, SLIDE LOCK ASSY

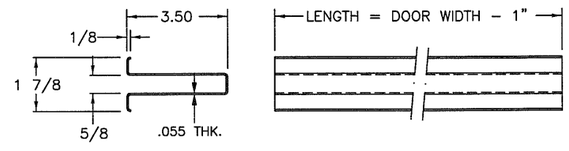


P/N 066341-0006, ROLLER ASSY, 2" TR-5 W/ 5/8" STEM



P/N 404045-0002, BOTTOM FIXTURE (RIGHT HAND SHOWN)

P/N 404045-0001, BOTTOM FIXTURE (LEFT HAND)



P/N 400650-0003, ROLLED HS-3 STRUT, U-BARS

(ONE AT PANEL TOP)

3/23/17 Mark Sawicki

Mark A. Sawicki TXPE 106201

OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HWY 121
BUSINESS, SUITE 200
LEWISVILLE, TX 75067

LeROY G. KRUPKE, P.E. #36580

THE DRAWING AND/OR TECHNICAL INFORMATION ON THIS SHEET IS THE PROPERTY OF OVERHEAD DOOR CORPORATION OR ITS SUBSIDIARY AND IS LOANED IN CONFIDENCE FOR ENGINEERING AND MUTUAL ASSISTANCE PURPOSES ONLY, AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING DISCLOSED HEREON WITHOUT THE EXPRESS PERMISSION OF OVERHEAD DOOR CORPORATION WHICH MAY RECALL THIS SHEET AT ANY TIME.

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

OVERHEAD DOOR the original since 1921 DALLAS, TEXAS

	NAME	DATE
DRAWN BY:	G.J. MOORE	7/28/94
CHECKED BY:	ADA JOHNSON	8/25/94
APPROVED BY:	S. BOUCHER	8/25/94

MATERIAL: N/A

APPLIED FINISH: NONE — UNIT OF MEASURE: EACH

DRAWING TITLE: SERIES 424/426 COMMERCIAL STEEL DOOR, 50 PSF, DADE CO. 14'-2" MAX WIDTH

DRAWING NUMBER D- 408806

SCALE: FULL — SHEET 2 OF 2