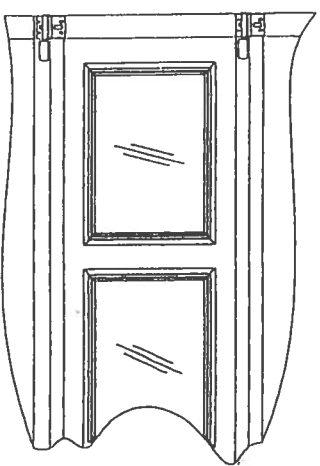


NOTES

1. EIGHT CONSTRUCTION GRADE OR NO. 2 GRADE WOOD 2X4 (NOM) HORIZONTAL STRUTS WITH 3-1/2" DIMENSION PERPENDICULAR TO THE DOOR ARE ATTACHED WITH 16 GAUGE STRUT STRAPS & THREAD FORMING SCREWS 1/4-20 X 3/4 AT EACH END STILE & AT CENTER STILES. THE STRUTS ARE LOCATED IN THE CENTER OF EACH OF THE SECTIONS, EXCEPT TOP SECTION, WHICH IS LOCATED AT TOP OF SECTION. USE TWO STRUT STRAPS ON THE END STILES & ONE STRUT STRAP ON THE CENTER STILES.
2. FOUR SECTION 7' HIGH DOOR SHOWN. 8' HIGH DOORS HAVE FIVE SECTIONS.
3. SECTION HEIGHT OF 20.812, 19.00 & 18.75 ARE AVAILABLE AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS HEIGHT DOORS.
4. EMBOSSEMENT PATTERN OF 14.50 X 20.375 SHOWN. ALTERNATE PATTERNS OF 12.50 X 43.375 AND 12.50 X 20.375 MAY BE USED. DOOR WITHOUT EMBOSSEMENTS ALSO AVAILABLE.
5. TORSION SPRINGS SHOWN. EXTENSION SPRINGS AVAILABLE.
6. WINDLOAD SPECIFICATION ±30 P.S.F.
7. USE THIS BRACKET, REF. P/N 405964-0002, ON 8' HIGH DOORS ONLY.
8. FOR RESIDENTIAL HARDWARE DETAILS SEE DWG. D-408722.
9. STRUTS TO BE ATTACHED +/- 8" FROM CENTER LINE OF INTERMEDIATE & BOTTOM SECTIONS AND AT TOP RAIL OF TOP SECTION.

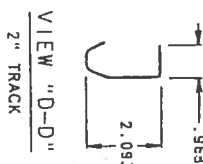
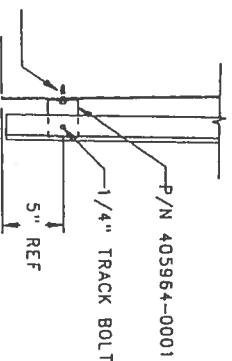


OPTIONAL WINDOW DETAIL

5/16 X 1 3/4" LAG SCREW OR 5/16" X 1 1/2" RAWL LOK/BOLT OR EQUIVALENT

DETAIL "E"

SCALE: 1/8

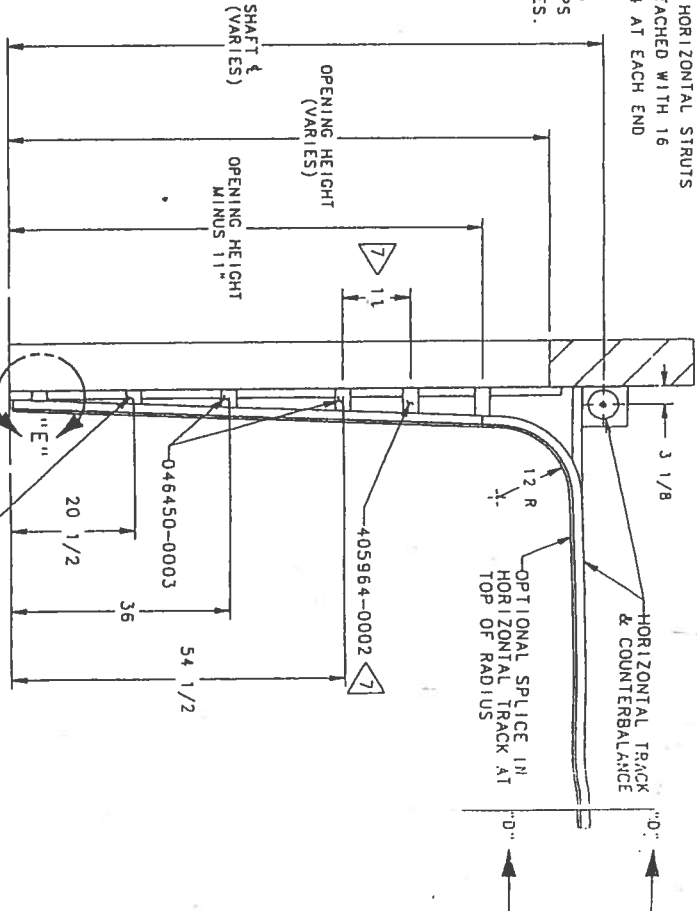


VIEW "D-D"

2" TRACK

STANDARD TRACK DETAIL

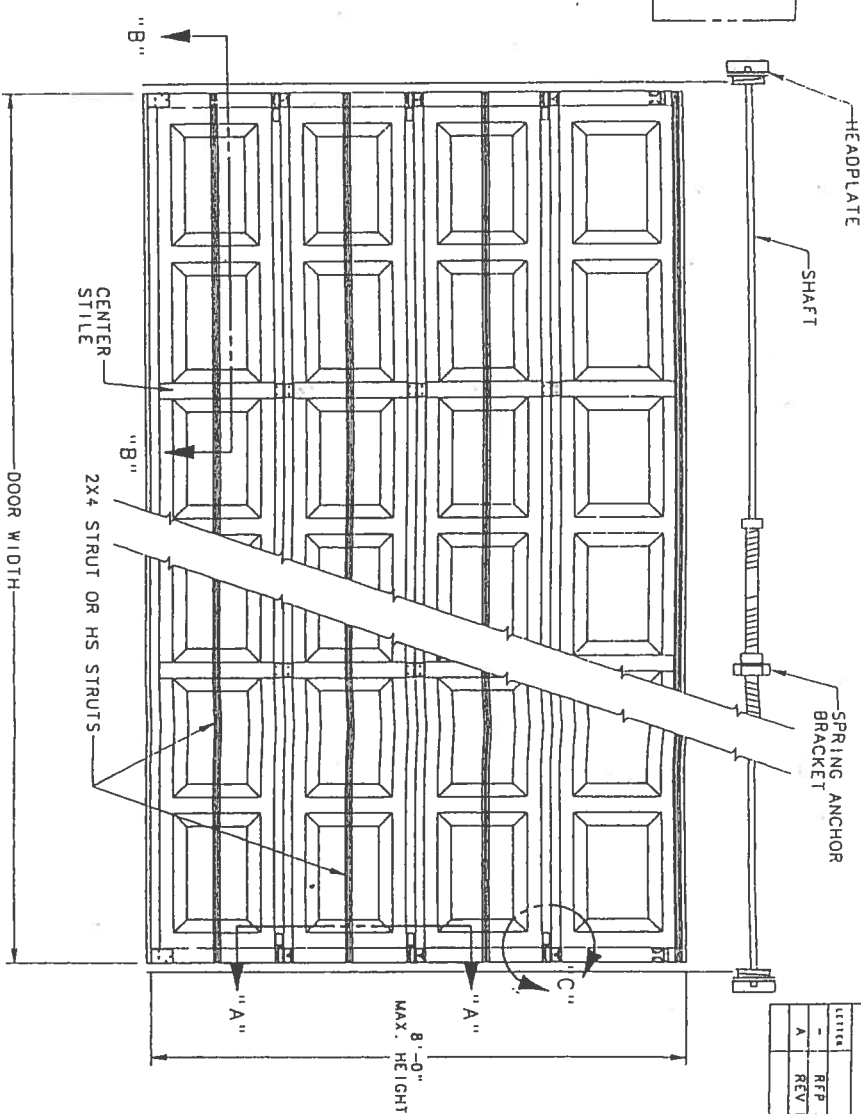
SCALE: 1/16" = 1"



HEADPLATE

SHAFT

SPRING ANCHOR BRACKET

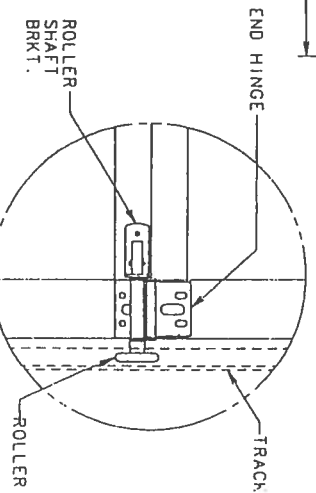
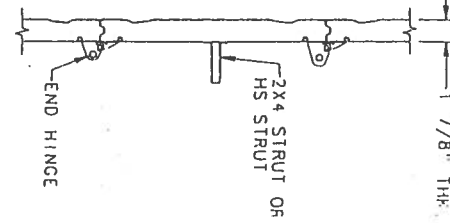


INTERIOR ELEVATION

SCALE: 1/16"=1"

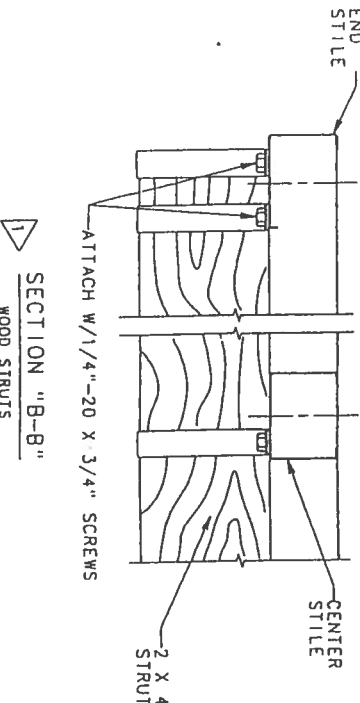
SECTION "A-A"

SCALE: 1/8



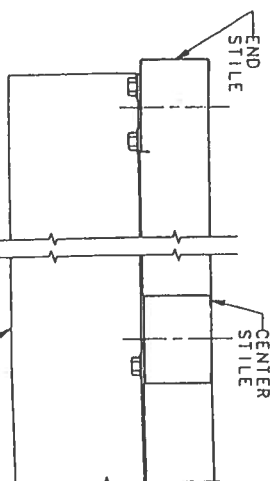
DETAIL "C"

SCALE: 1/4



SECTION "B-B"

WOOD STRUTS



SECTION "B-B"

STEEL STRUTS

SERIES 280 - 30 PSF WINDLOAD									
DOOR WIDTH	CENTER STILE	END STILE	ROLLER SHAFT BRACKET	STRUTS/SECT.	ROLLER	VERTICAL TRACK GAGE	JAMB LOAD PER FT.-HT	HARDWARE	
8	1	SINGLE	NONE	HS1	2" 7/16	.049	120	STD.	
9	1	SINGLE	NONE	HS1	2" 7/16	.049	135	STD.	
10	1	SINGLE	NONE	HS2	2" 7/16	.049	150	STD.	
16	3	SGL W/END CAP	YES	HS3	2" 7/16	.049	240	STD.	
18	3	SGL W/END CAP	YES	2 - HS3	2" 7/16	.068	270	STD.	
18	3	SGL W/END CAP	YES	2 - 2 X 4	2" 7/16	.068	270	STD.	

SERIES 281, 285, 284, 381, 384 & 385 ARE EQUIVALENT CONSTRUCTION

REVISIONS

DATE	DESCRIPTION	BY
12/3/93	RFP PER DNR 405325	SB
1/14/94	REV PER ECO 41373	WB

SERIES 280 RESIDENTIAL STEEL DOOR, 30 PSF									
DATE	REVISION	DESCRIPTION	BY	DATE	REVISION	DESCRIPTION	BY	DATE	REVISION
11/11/93	1	ADDITIONAL SPECIFICATIONS	J. W. COMPTON	12/3/93	2	ADDITIONAL SPECIFICATIONS	J. W. COMPTON	12/3/93	3
12/3/93	3	ADDITIONAL SPECIFICATIONS	J. W. COMPTON	12/3/93	4	ADDITIONAL SPECIFICATIONS	J. W. COMPTON	12/3/93	5