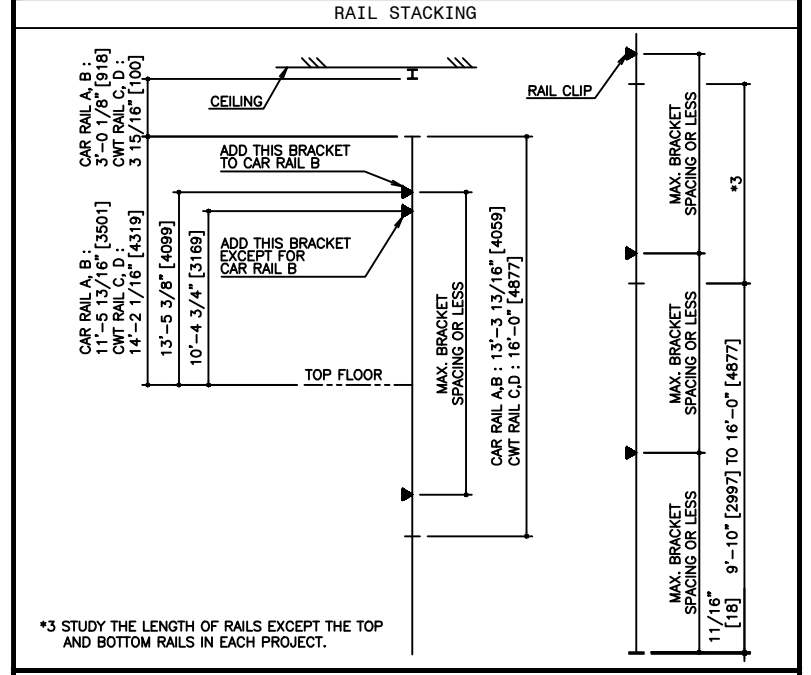


SPECIFICATIONS		
SERIES	DIAMOND TRAC	
LOAD	3500 LBS [1600 kg]	
SPEED	350 FPM [105 m/min]	
REGULATION / CODE	ASME A17.1S - 2005	
TRAVEL	MAX. TRAVEL : 98'-5" [30 m]	
DOOR TYPE	SS	
GUIDE RAIL	CAR	ZONE 0 TO 2 T127-1/B ZONE 3 & 4 T127-2/B
	CWT	ZONE 0 TO 2 T127-1/B ZONE 3 & 4 T127-2/B
CWT SAFETY	NOT APPLIED	



SEISMIC ZONE (RAIL SIZE)	ZONE 0 TO 2 (T127-1/B)		ZONE 3 & 4 (T127-2/B)	
	CAR	CWT	CAR	CWT
RAIL BRACKET SPACING	12'-11 1/2" [3850]	14'-1 5/16" [4300]	11'-9 3/4" [3600]	11'-9 3/4" [3600]

SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD			
	CAR RAIL A, B		CWT RAIL C, D	
	F1X	F1Y	F1X	F1Y
ZONE 0 TO 2 (T127-1/B)	1500 LBS [6600 N]	800 LBS [3300 N]	1700 LBS [7200 N]	900 LBS [3600 N]
ZONE 3 & 4 (T127-2/B)	3000 LBS [13100 N]	1500 LBS [6600 N]	3300 LBS [14300 N]	1700 LBS [7200 N]

STATIC LOAD	DYNAMIC LOAD	
	RA	RB
3900 LBS [17000 N]	1600 LBS [7000 N]	7700 LBS [34000 N]
		3000 LBS [13000 N]

SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
ZONE 0 TO 2 (T127-1/B)	13500 LBS [60000 N]	11500 LBS [51000 N]	8800 LBS [39000 N]	3400 LBS [15000 N]	41000 LBS [182000 N]	33800 LBS [150000 N]
ZONE 3 & 4 (T127-2/B)	13800 LBS [61000 N]	11700 LBS [52000 N]	9300 LBS [41000 N]	3900 LBS [17000 N]		

MOTOR	STANDARD VOLTAGE 208V			STANDARD VOLTAGE 480V			POWER SUPPLY CAPACITY [kVA]	HEAT EMISSION				
	CURRENT [A]	BREAKER IN CONTROL PANEL [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]	BREAKER IN CONTROL PANEL [A]	BREAKER IN CONTROL PANEL [A]		HOISTWAY CAPACITY [BTU/H]	CONTROL PANEL ROOM [W]	CONTROL PANEL ROOM [W]	CONTROL PANEL ROOM [W]	
24.5 [HP]	18 [kW]	78 [A]	138 [A]	100 [A]	34 [A]	60 [A]	40	17	3070	900	7000	2050

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PIT PLAN
 WITHOUT CWT SAFETY

HOISTWAY SECTION
 WITHOUT CWT SAFETY

*1,*2 : AS SHOWN IN THE FIGURE ABOVE, AN INSPECTION HATCH FOR USE IN THE MAINTENANCE OF THE CAR DOOR OPERATOR SHALL BE PROVIDED ABOVE THE ENTRANCE ON THE BOTTOM FLOOR, IF THE LANDING IS THE ONLY ONE IN THAT SIDE. HOWEVER, THIS INSPECTION HATCH WILL BE UNNECESSARY, IF THE PIT DEPTH CAN BE DEEPENED BY 0'-6 1/2" [165].

NOTE :
 WHEN THE CANOPY HEIGHT IS CHANGED FROM THE DIMENSION ON THIS DRAWING, OVERHEAD AND THE BRACKET SPAN FOR UPPER RAILS SHALL BE CHANGED AS WELL.

NO.	DATE	BY	REVISIONS
-	10/01/08	-	CREATED DRAWING

PROJECT: -
 ELEV. NO.: -
 DWG. TITLE: -
 ADMIN. NO.: -
 DWG. NO.: EZ-B-0070
 REV.:

MITSUBISHI
 ELEVATORS & ESCALATORS

DIAMOND TRAC

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION