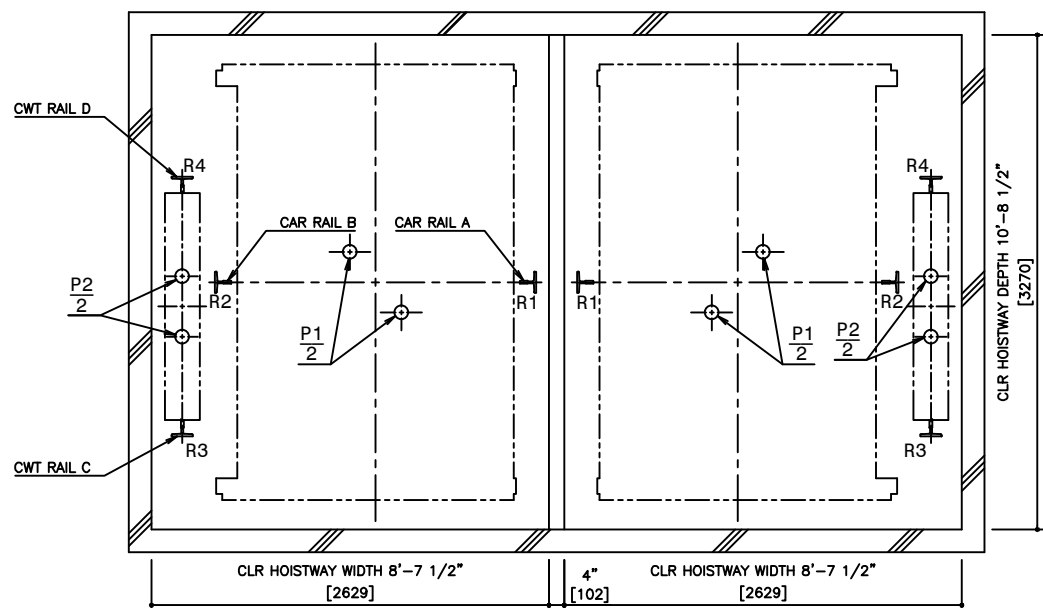
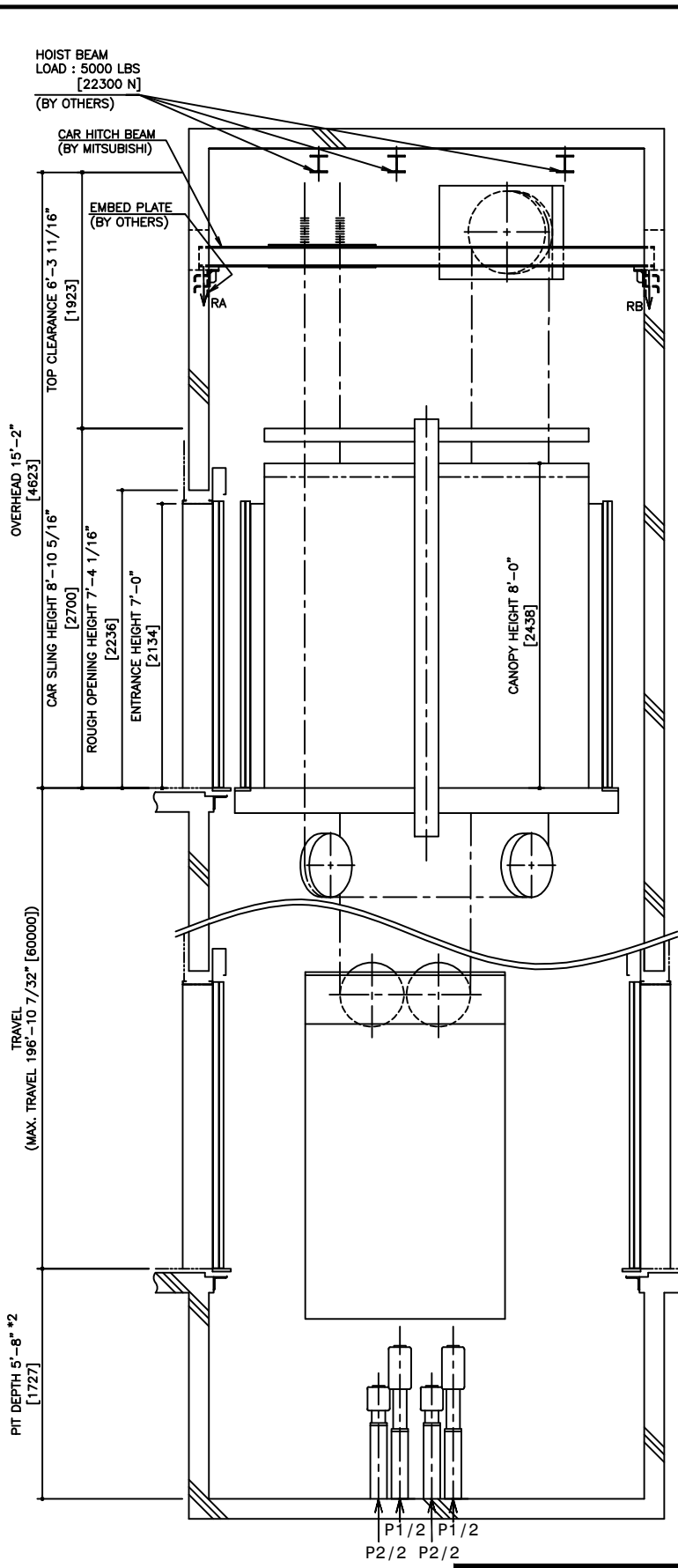


HOISTWAY PLAN  
WITHOUT CWT SAFETY



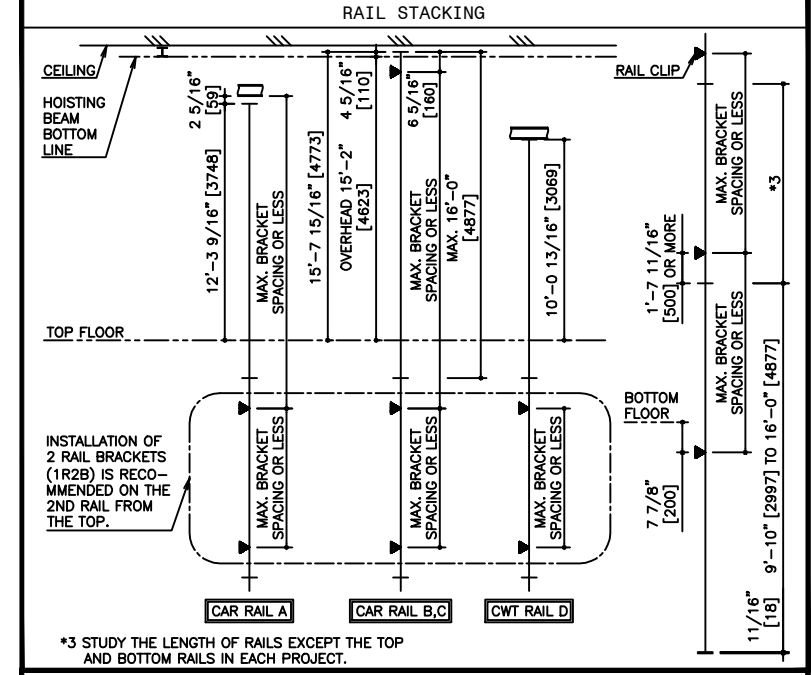
PIT PLAN  
WITHOUT CWT SAFETY



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].

SPECIFICATIONS	
SERIES	DIAMOND TRAC
LOAD	4500 LBS [2000 kg]
SPEED	200 FPM [60 m/min]
REGULATION / CODE	ASME A17.1S - 2005
TRAVEL	MAX. TRAVEL : 196'-10 7/32" [60000]
DOOR TYPE	2S
GUIDE RAIL	CAR T127-1/B, T127-2/B, T140-1/B
CWT	T127-1/B, T127-2/B, T140-1/B
CWT SAFETY	NOT APPLIED



RAIL BRACKET SPACING					
SEISMIC ZONE	ZONE 0 TO 2			ZONE 3 & 4	
RAIL SIZE	T127-1/B	T127-2/B	T140-1/B	T127-1/B	T140-1/B
RAIL BRACKET SPACING	CAR 10'-4" [3150]	CWT 11'-3 13/16" [3490]	CAR 12'-11 1/2" [3950]	CAR 10'-4" [3150]	CWT 11'-3 13/16" [3490]

RAIL REACTION LOAD					
SEISMIC ZONE	RAIL SIZE	CAR RAIL A, B		CWT RAIL C, D	
		FIX	FIY	FIX	FIY
ZONE 0 TO 2	10'-4"	1800 LBS [8100 N]	900 LBS [4100 N]	2000 LBS [8900 N]	1000 LBS [4500 N]
	11'-3 13/16"	3600 LBS [16100 N]	1800 LBS [8100 N]	4000 LBS [17800 N]	2000 LBS [8900 N]

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
4900 LBS [22000 N]	1400 LBS [7000 N]	9800 LBS [44000 N]	2700 LBS [12000 N]

PIT REACTION LOAD						
SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
T127-1/B	14800 LBS [65600 N]	18300 LBS [81100 N]	3800 LBS [16500 N]	14500 LBS [64200 N]	47200 LBS [210000 N]	38400 LBS [171000 N]
T127-2/B	15500 LBS [68900 N]	19000 LBS [84300 N]	4500 LBS [19800 N]	15200 LBS [67500 N]		
T140-1/B	16300 LBS [72100 N]	19700 LBS [87500 N]	5200 LBS [23000 N]	15900 LBS [70700 N]		

POWER FEEDER DATA 1CAR									
MOTOR	STANDARD VOLTAGE 208V				STANDARD VOLTAGE 480V				POWER SUPPLY CAPACITY [kVA]
	CURRENT [A]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	
[HP] [kW]	58	102	75	26	45	45	45	13	2730
									800
									5460
									1600

NO.		DATE	BY	REVISIONS
1	03/16/10			CREATED DRAWING

PROJECT: -  
ELEV. NO.: -  
DWG. TITLE: -  
ADMIN. NO.: -  
DWG. NO.: EZ-B-0090  
REV.:

**DIAMOND TRAC**

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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.

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION