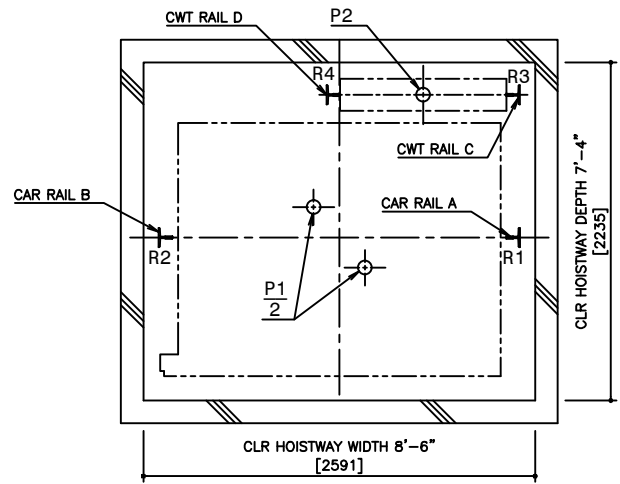
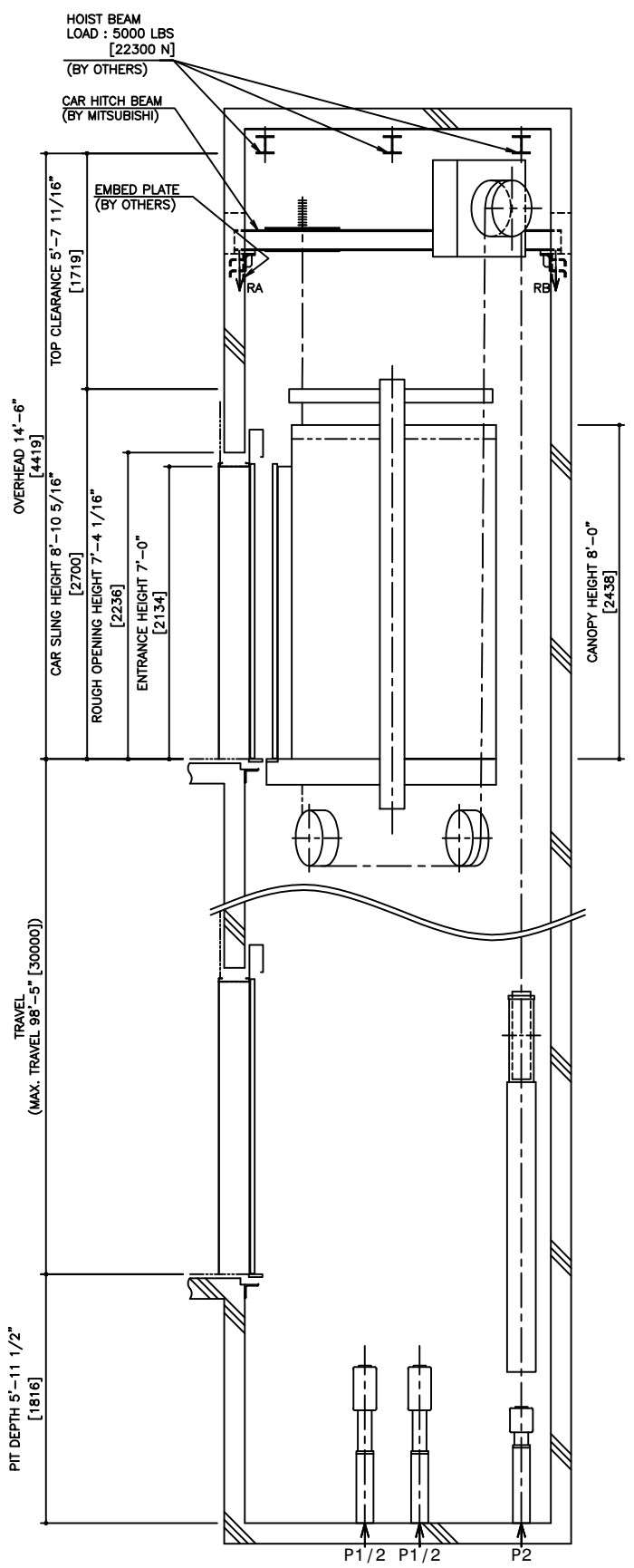


HOISTWAY PLAN  
WITHOUT CWT SAFETY

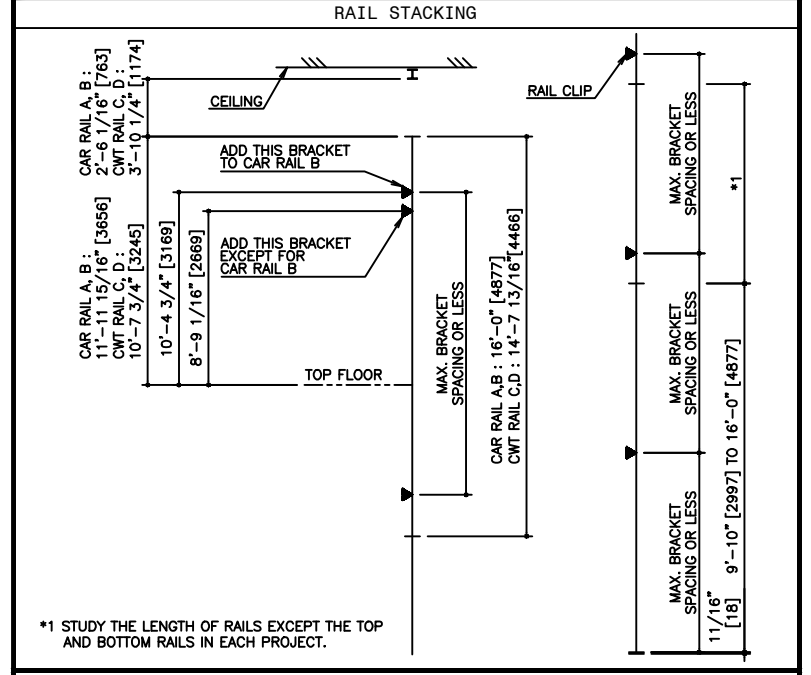


PIT PLAN  
WITHOUT CWT SAFETY



HOISTWAY SECTION  
WITHOUT CWT SAFETY

SPECIFICATIONS		
SERIES	DIAMOND TRAC	
LOAD	3000 LBS [1350 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
	CWT	ZONE 3 & 4 T127-2/B
CWT SAFETY	ZONE 0 TO 2	T127-1/B
	ZONE 3 & 4	T127-2/B
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	13'-9 3/8" [4200]	13'-11 5/16" [4250]	12'-11 11/16" [3700]	12'-11 11/16" [3700]

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)	1400 LBS [6000 N]	700 LBS [3000 N]	1500 LBS [6500 N]	800 LBS [3300 N]
ZONE 3 & 4 (T127-2/B)	2700 LBS [11900 N]	1400 LBS [6000 N]	3000 LBS [13000 N]	1500 LBS [6500 N]

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
3900 LBS [17000 N]	1200 LBS [5000 N]	7700 LBS [34000 N]	2100 LBS [9000 N]

SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
ZONE 0 TO 2 (T127-1/B)	11000 LBS [49000 N]	10400 LBS [47000 N]	9800 LBS [43000 N]	6200 LBS [28000 N]	36700 LBS [163000 N]	30600 LBS [138000 N]
ZONE 3 & 4 (T127-2/B)	11400 LBS [51000 N]	10800 LBS [48000 N]	10000 LBS [45000 N]	8600 LBS [38000 N]		

POWER FEEDER DATA 1CAR												
MOTOR	STANDARD VOLTAGE 208V				STANDARD VOLTAGE 480V				HEAT EMISSION			
	CURRENT		BREAKER IN CONTROL PANEL		CURRENT		BREAKER IN CONTROL PANEL		POWER SUPPLY CAPACITY	HOISTWAY (EXCEPT CAR LIGHTING)	CONTROL PANEL ROOM	
[HP]	[kW]	FLU [A]	FLAcc [A]	[A]	FLU [A]	FLAcc [A]	[A]	[kVA]	[BTU/h]	[W]	[BTU/h]	[W]
20.1	15.0	68	119	100	30	52	40	15	2560	750	5970	1750

POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A]  
 = EACH CURRENT (FLU or FLAcc)[A] x STANDARD VOLTAGE (E1 or E2)[V]  
 LOCAL SUPPLY VOLTAGE (E) [V]

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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.

NO.	DATE	BY	REVISIONS
-	02/13/07	-	CREATED DRAWING

PROJECT: -  
 ELEV. NO.: -  
 DWG. TITLE: -  
 ADMIN. NO.: -  
 DWG. NO.: EZ-B-0037  
 REV.:

**DIAMOND TRAC**

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION