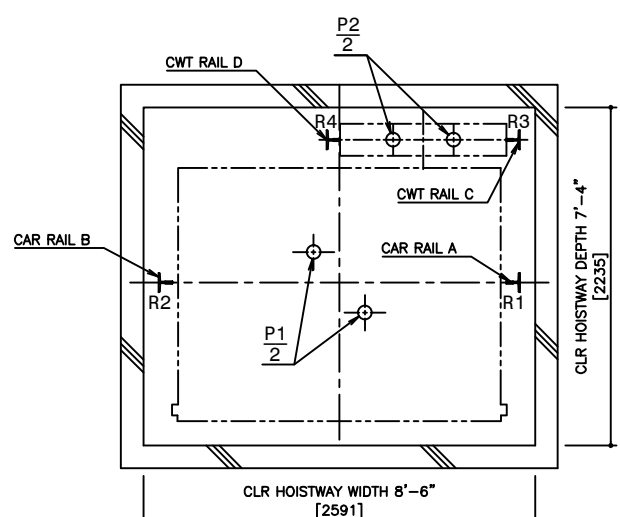
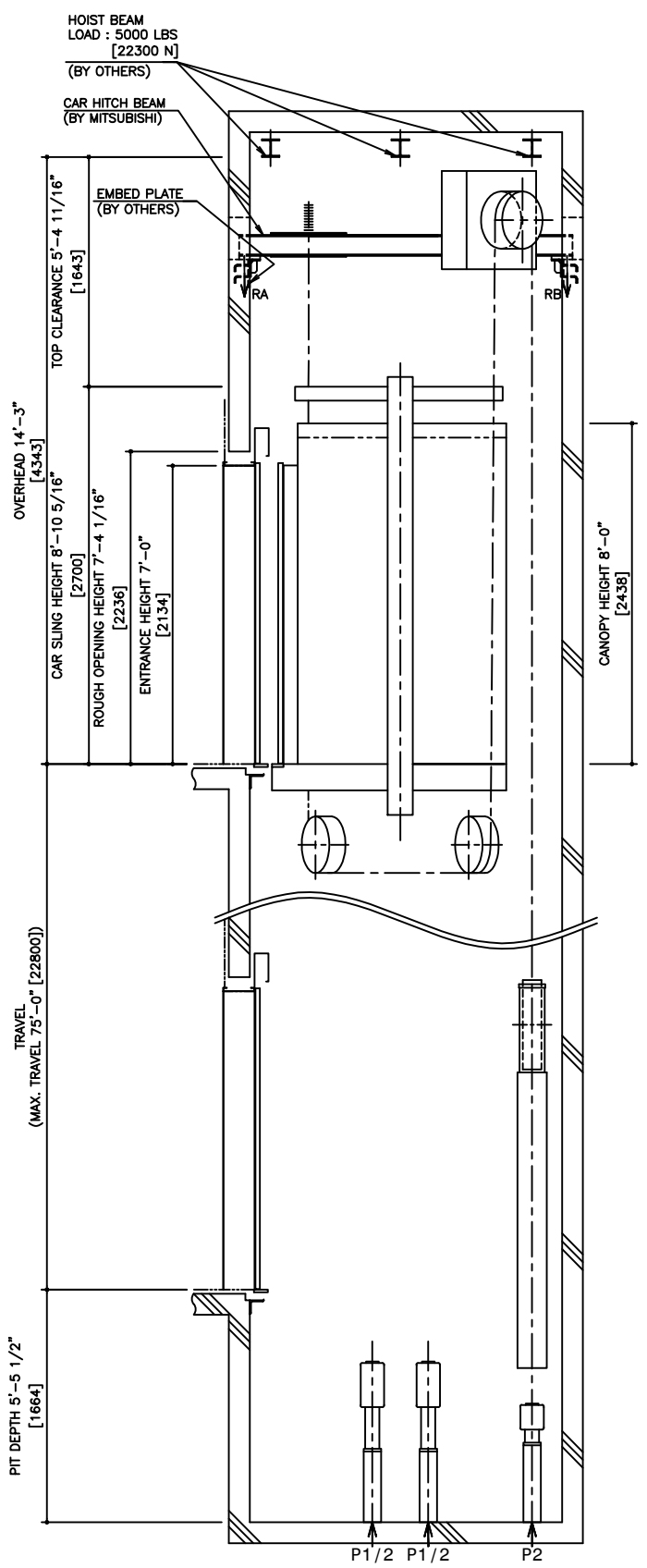


HOISTWAY PLAN
WITHOUT CWT SAFETY

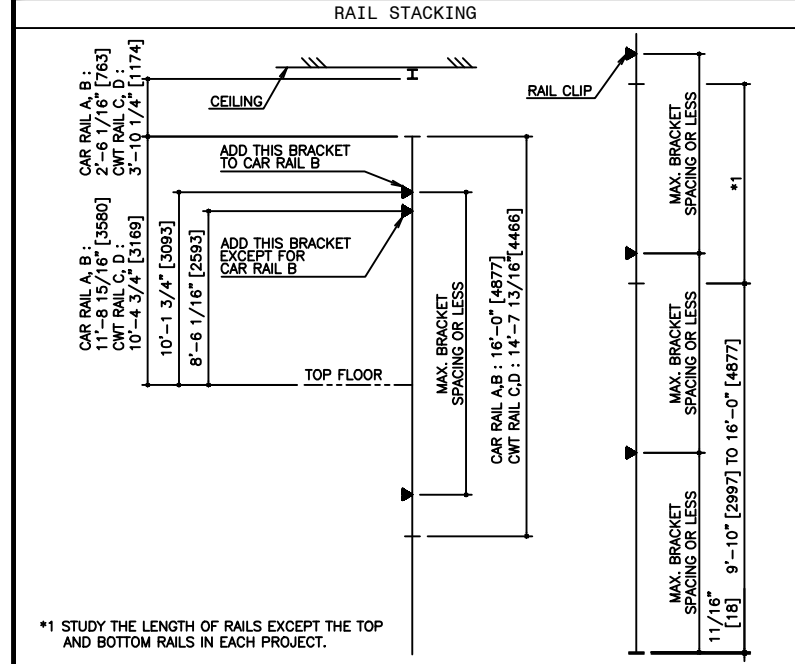


PIT PLAN
WITHOUT CWT SAFETY



HOISTWAY SECTION
WITHOUT CWT SAFETY

SPECIFICATIONS		
SERIES	DIAMOND TRAC	
LOAD	3000 LBS [1350 kg]	
SPEED	200 FPM [60 m/min]	
REGULATION / CODE	ASME A17.1S - 2005	
TRAVEL	MAX. TRAVEL : 75'-0" [22.8 m]	
DOOR TYPE	CO	
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		



RAIL BRACKET SPACING				
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'-1 11/16" [3700]

RAIL REACTION LOAD				
SEISMIC ZONE (RAIL SIZE)	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]

PIT REACTION LOAD						
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]	36200 LBS [161000 N]	30200 LBS [134000 N]
ZONE 3 & 4 (T127-2/B)	11400 LBS [51000 N]	10800 LBS [48000 N]	10000 LBS [45000 N]	6800 LBS [30000 N]		

POWER FEEDER DATA 1CAR											
MOTOR	STANDARD VOLTAGE 208V				STANDARD VOLTAGE 480V				HEAT EMISSION		
	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	POWER SUPPLY CAPACITY [kVA]	HOISTWAY (EXCEPT CAR LIGHTING) [BTU/h]	CONTROL PANEL ROOM [W]	
[HP] [kW]	40	69	50	18	30	30	9	1710	500	3750	1100

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-0025
 REV.:

DIAMOND TRAC

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION