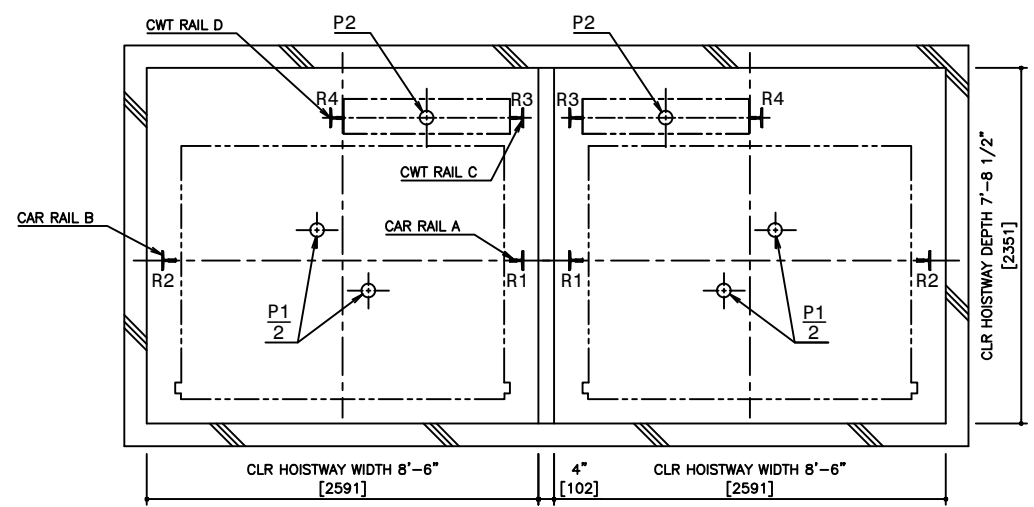
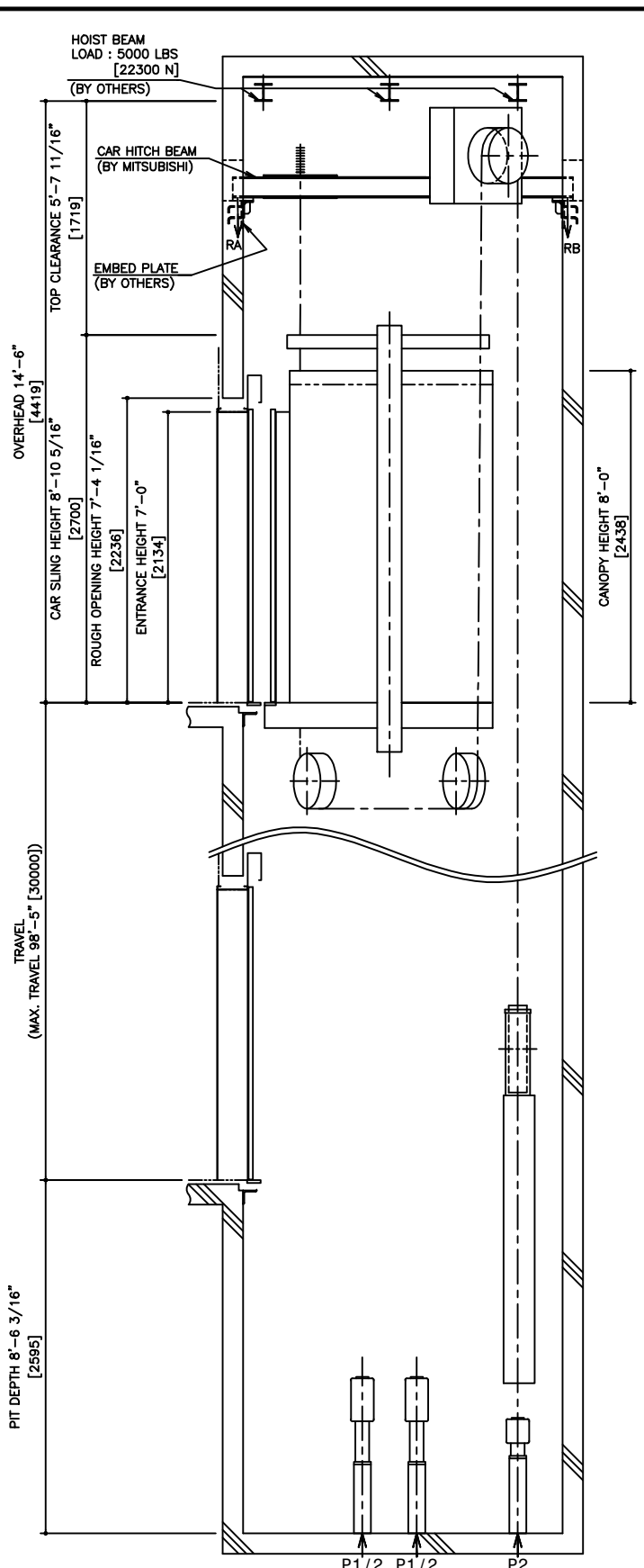


HOISTWAY PLAN WITH CWT SAFETY

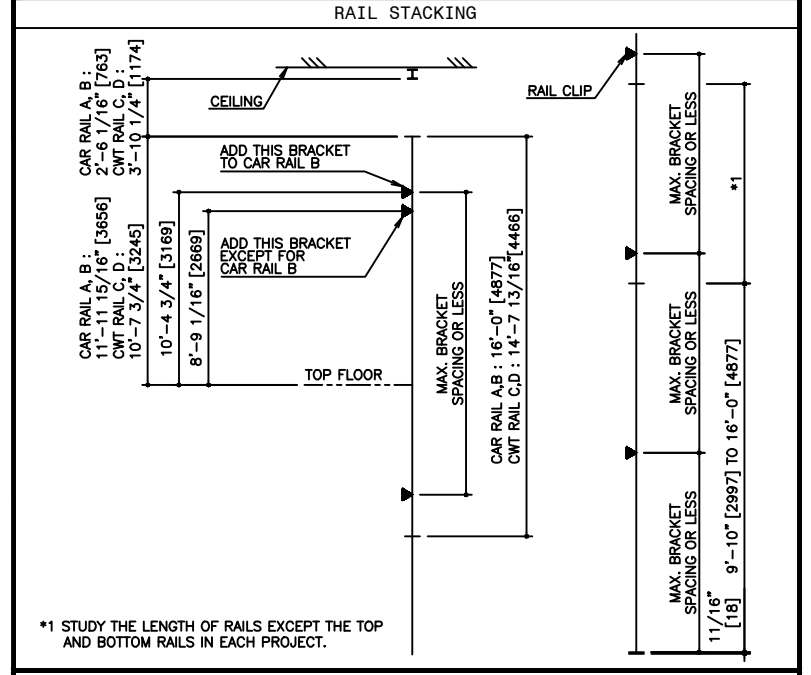


PIT PLAN WITH CWT SAFETY



HOISTWAY SECTION WITH 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	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
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'-11 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]	10000 LBS [45000 N]	9400 LBS [42000 N]	36700 LBS [163000 N]	30600 LBS [136000 N]
ZONE 3 & 4 (T127-2/B)	11400 LBS [51000 N]	10800 LBS [48000 N]	10400 LBS [47000 N]	9800 LBS [44000 N]	36700 LBS [163000 N]	30600 LBS [136000 N]

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

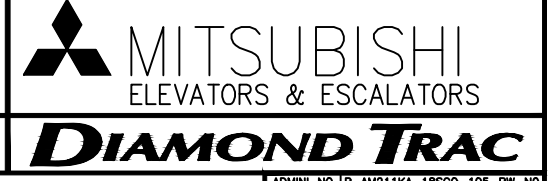
POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A] = EACH CURRENT (FLU or FLAcc) [A] x STANDARD VOLTAGE (E1 or E2) [V] / LOCAL SUPPLY VOLTAGE (E) [V]

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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-0032
REV.	



SCALE : 1/50  
 NOT TO BE USED FOR CONSTRUCTION