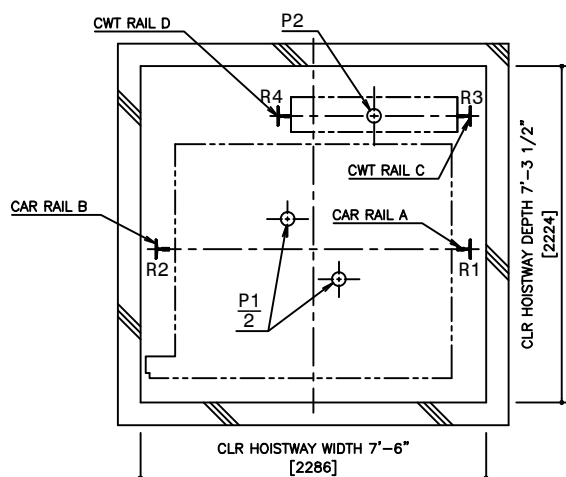
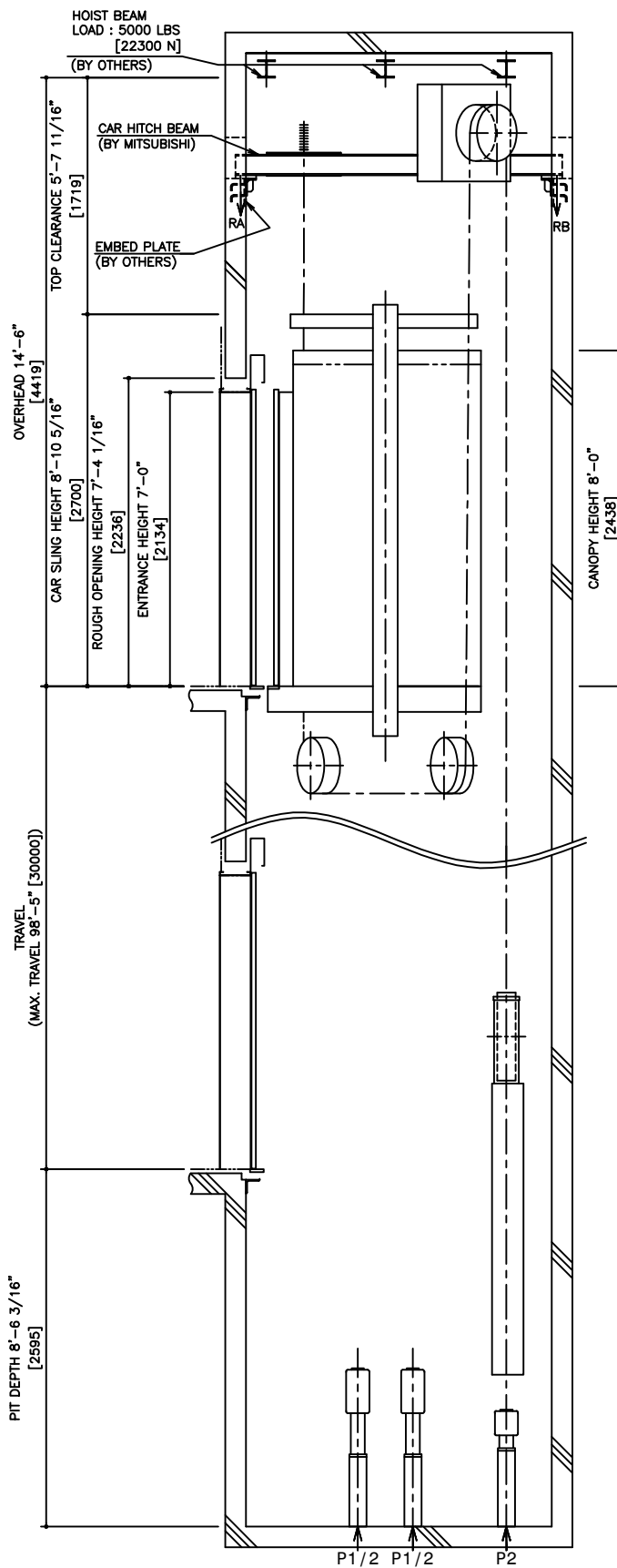


HOISTWAY PLAN  
WITH CWT SAFETY

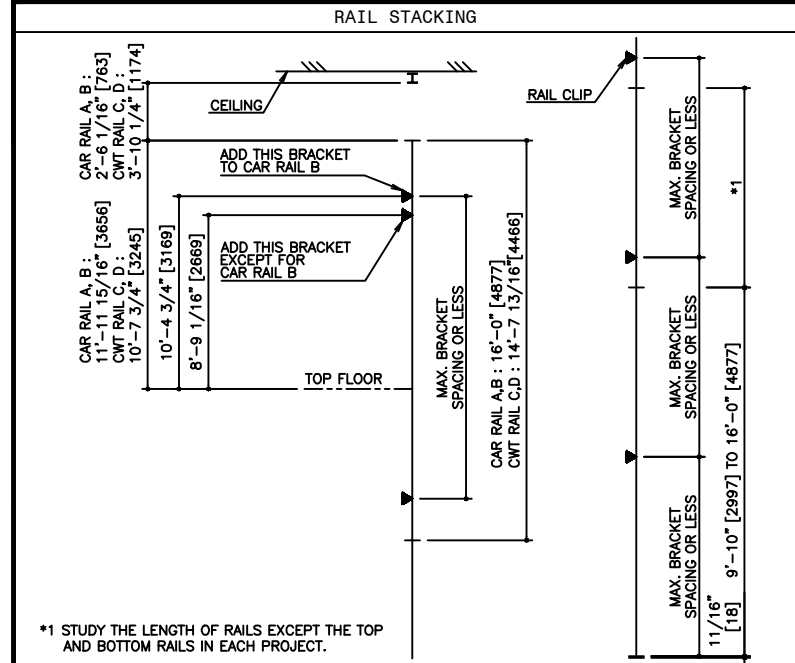


PIT PLAN  
WITH CWT SAFETY



HOISTWAY SECTION  
WITH CWT SAFETY

SPECIFICATIONS		
SERIES	DIAMOND TRAC	
LOAD	2000 LBS [900 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
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	15'-9" [4800]	15'-3 1/16" [4650]	12'-11 1/2" [3950]	12'-9 9/16" [3900]

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)	1200 LBS [5200 N]	600 LBS [2600 N]	1300 LBS [5600 N]	700 LBS [2800 N]
ZONE 3 & 4 (T127-2/B)	2400 LBS [10400 N]	1200 LBS [5200 N]	2600 LBS [11200 N]	1300 LBS [5600 N]

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
3200 LBS [14000 N]	900 LBS [4000 N]	6300 LBS [28000 N]	1800 LBS [8000 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)	9300 LBS [42000 N]	8700 LBS [39000 N]	8700 LBS [39000 N]	8100 LBS [36000 N]	30600 LBS [136000 N]	26600 LBS [118000 N]
ZONE 3 & 4 (T127-2/B)	9700 LBS [43000 N]	9100 LBS [41000 N]	9100 LBS [41000 N]	8500 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]
13.0	9.7	46	80	75	20	35	30	10	1880	550	4270	1250

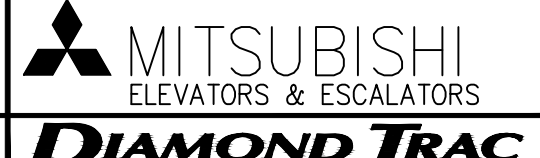
POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A]  
 = EACH CURRENT (FLU or FLAcc)[A] x STANDARD VOLTAGE (E1 or E2)[V] / LOCAL SUPPLY VOLTAGE (E) [V]

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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-0007
REV.	



SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION