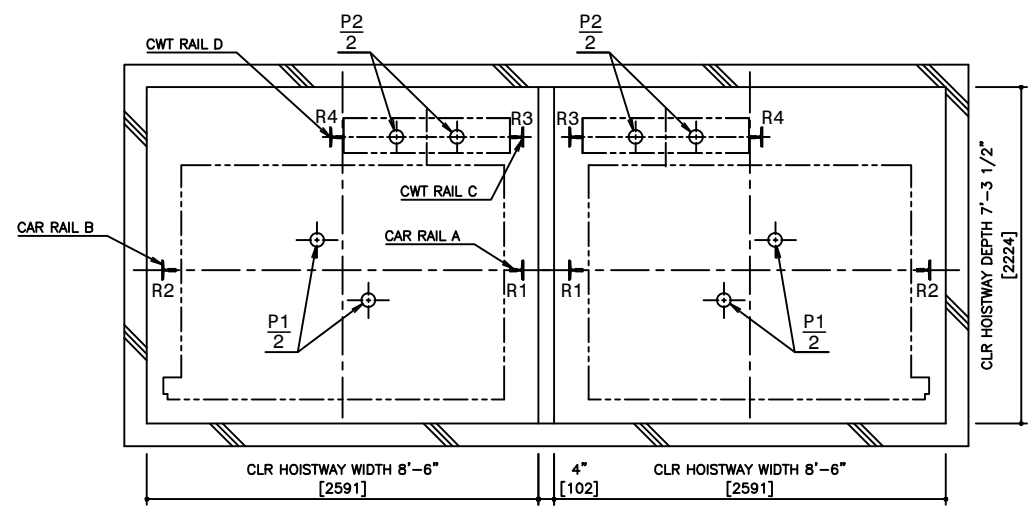
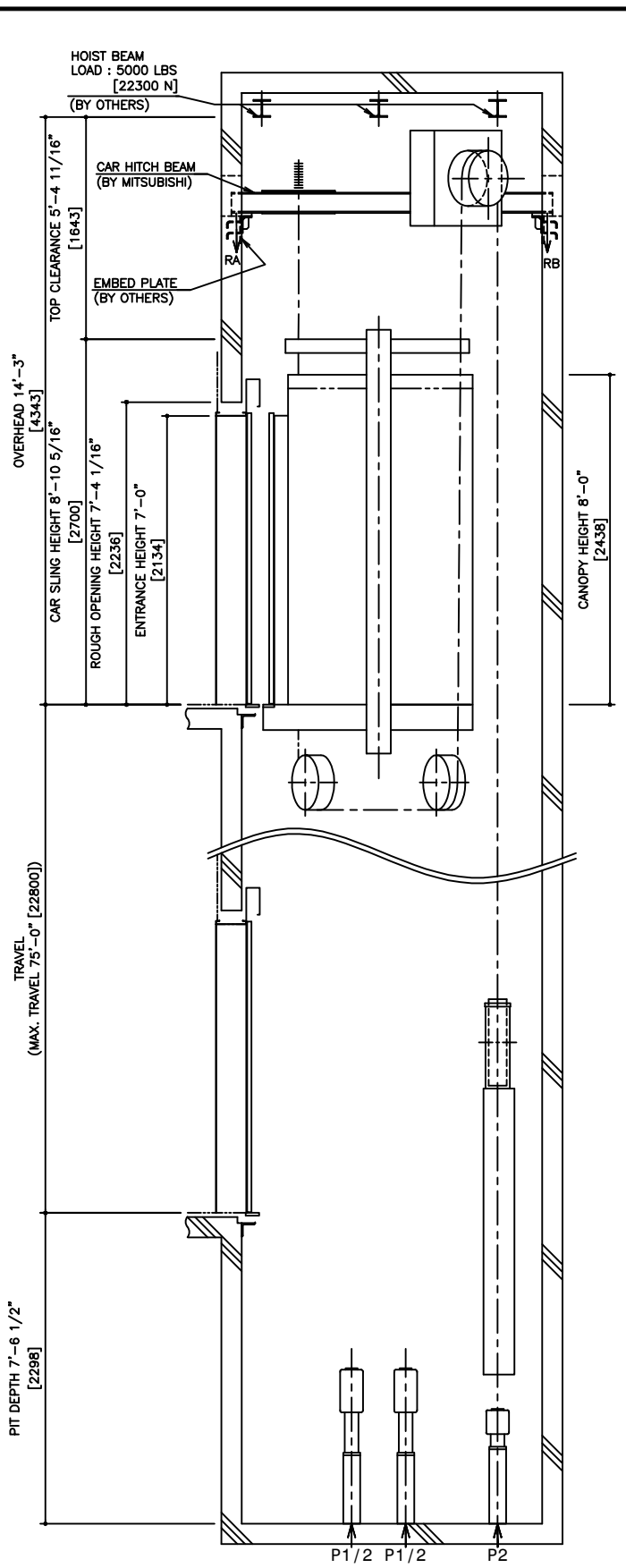


HOISTWAY PLAN WITH CWT SAFETY

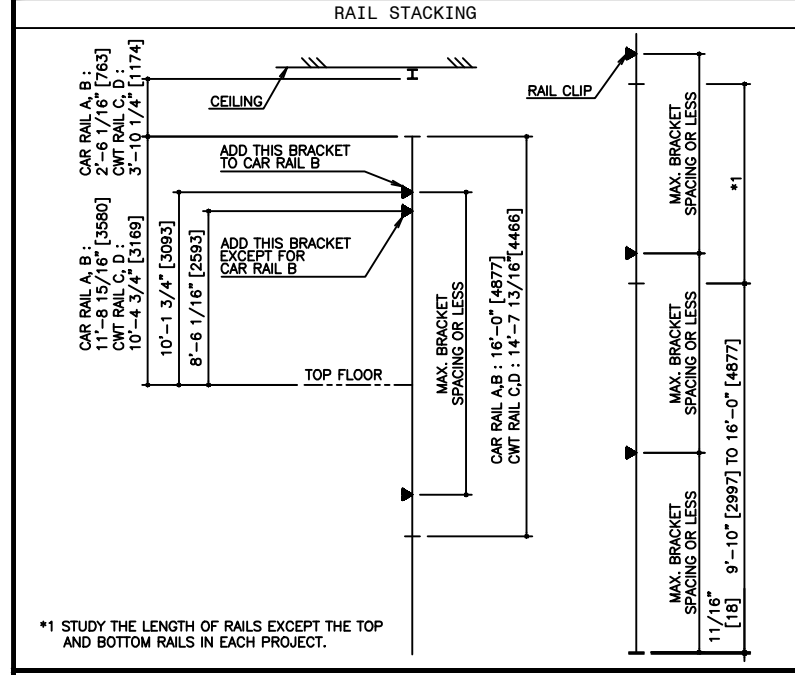


PIT PLAN WITH CWT SAFETY



HOISTWAY SECTION WITH CWT SAFETY

SPECIFICATIONS			
SERIES	DIAMOND TRAC		
LOAD	2500 LBS [1150 kg]		
SPEED	200 FPM [60 m/min]		
REGULATION / CODE	ASME A17.1S - 2005		
TRAVEL	MAX. TRAVEL : 75'-0" [22.8 m]		
DOOR TYPE	SS		
GUIDE RAIL	CAR	ZONE 0 TO 2 T127-1/B	T127-2/B
	CWT	ZONE 0 TO 2 T127-1/B	T127-2/B
CWT SAFETY	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	14'-7 3/16" [4450]	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 [6200 N]	700 LBS [3100 N]	1500 LBS [6700 N]	800 LBS [3400 N]
ZONE 3 & 4 (T127-2/B)	2800 LBS [12400 N]	1400 LBS [6200 N]	3000 LBS [13400 N]	1500 LBS [6700 N]

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
3900 LBS [17000 N]	1200 LBS [5000 N]	7500 LBS [33000 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)	10900 LBS [49000 N]	10300 LBS [46000 N]	10000 LBS [45000 N]	9500 LBS [42000 N]	36200 LBS [161000 N]	31100 LBS [138000 N]
ZONE 3 & 4 (T127-2/B)	11300 LBS [51000 N]	10700 LBS [48000 N]	10400 LBS [47000 N]	9900 LBS [44000 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]	[A]	FLU [A]	FLAcc [A]	[A]	[A]	[kVA]	[BTU/h]	[W]	[BTU/h]	[W]
9.5	7.1	34	58	40	15	26	20	8	1540	450	3240	950		

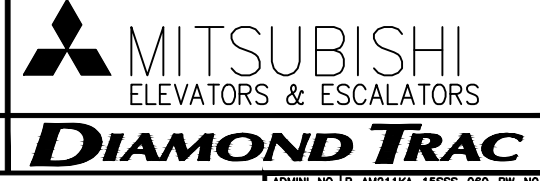
POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A]
 = EACH CURRENT (FLU or FLAcc)[A] x STANDARD VOLTAGE (E1 or E2)[V]
 LOCAL SUPPLY VOLTAGE (E) [V]

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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-0020
REV.	



NOT TO BE USED FOR CONSTRUCTION

SCALE : 1/50