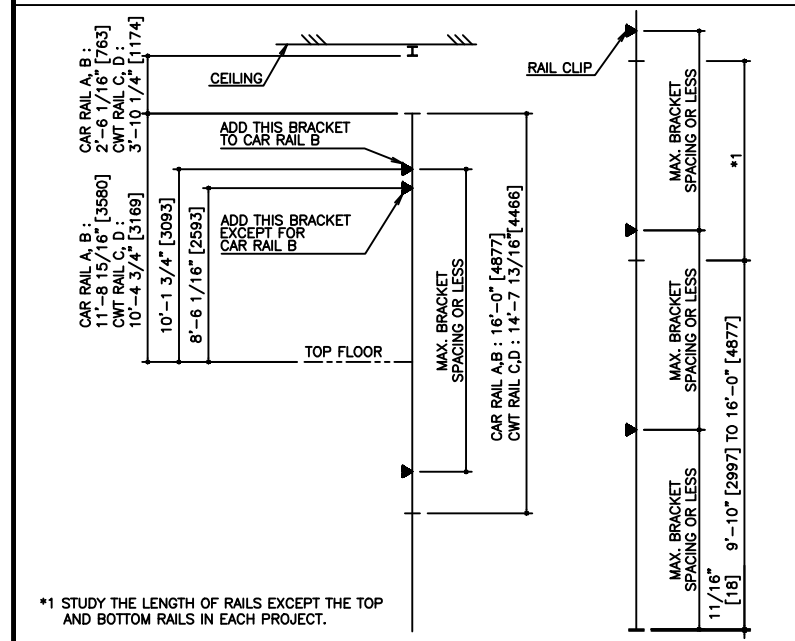


SPECIFICATIONS

SERIES	DIAMOND TRAC	
LOAD	3500 LBS [1600 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 ZONE 3 & 4 T127-2/B
	CWT	ZONE 0 TO 2 T127-1/B ZONE 3 & 4 T127-2/B
CWT SAFETY	NOT APPLIED	

RAIL STACKING



*1 STUDY THE LENGTH OF RAILS EXCEPT THE TOP AND BOTTOM RAILS IN EACH PROJECT.

SEISMIC ZONE (RAIL SIZE)	ZONE 0 TO 2 (T127-1/B)		ZONE 3 & 4 (T127-2/B)	
	CAR	CWT	CAR	CWT
RAIL BRACKET SPACING	12'-11 1/2" [3850]	13'-5 7/16" [4100]	11'-9 3/4" [3600]	11'-9 3/4" [3600]

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)	1500 LBS [6600 N]	800 LBS [3300 N]	1700 LBS [7200 N]	900 LBS [3600 N]
ZONE 3 & 4 (T127-2/B)	3000 LBS [13100 N]	1500 LBS [6600 N]	3300 LBS [14300 N]	1700 LBS [7200 N]

RAIL LOAD DETAIL diagram showing F1X and F1Y forces.

STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
4300 LBS [19000 N]	1200 LBS [5000 N]	8400 LBS [38000 N]	2300 LBS [10000 N]

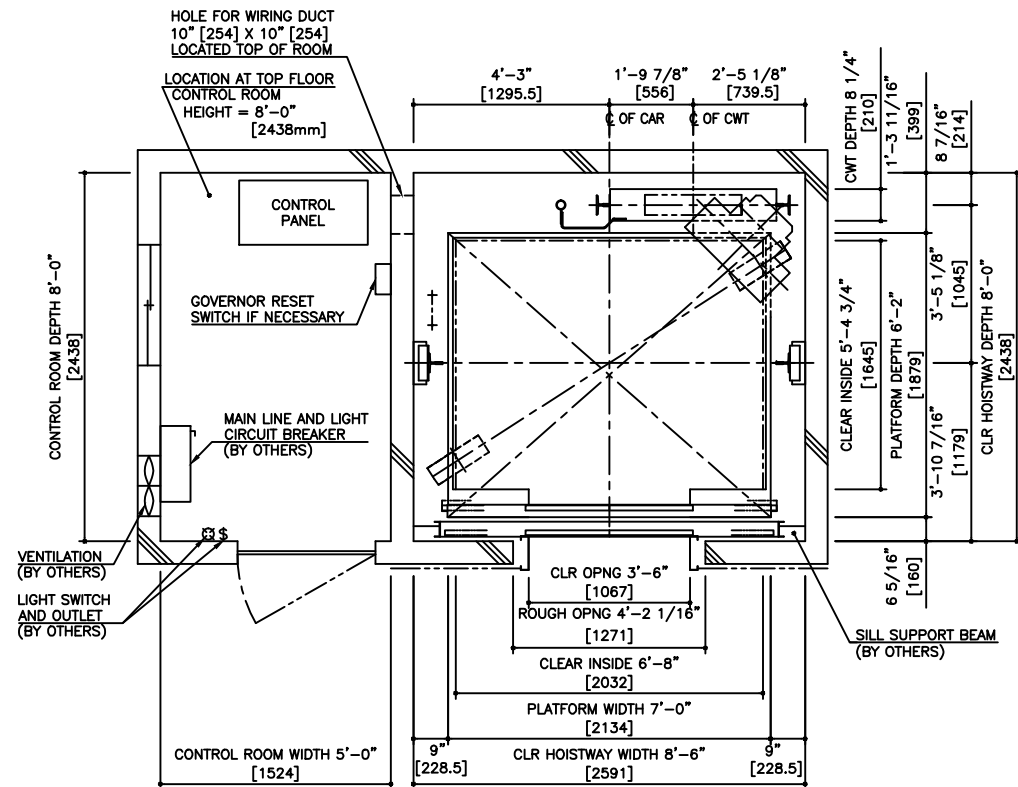
PIT REACTION LOAD

SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
ZONE 0 TO 2 (T127-1/B)	11900 LBS [53000 N]	11300 LBS [51000 N]	10200 LBS [46000 N]	6400 LBS [29000 N]	40500 LBS [180000 N]	33300 LBS [148000 N]
ZONE 3 & 4 (T127-2/B)	12300 LBS [55000 N]	11700 LBS [52000 N]	10600 LBS [47000 N]	6800 LBS [31000 N]		

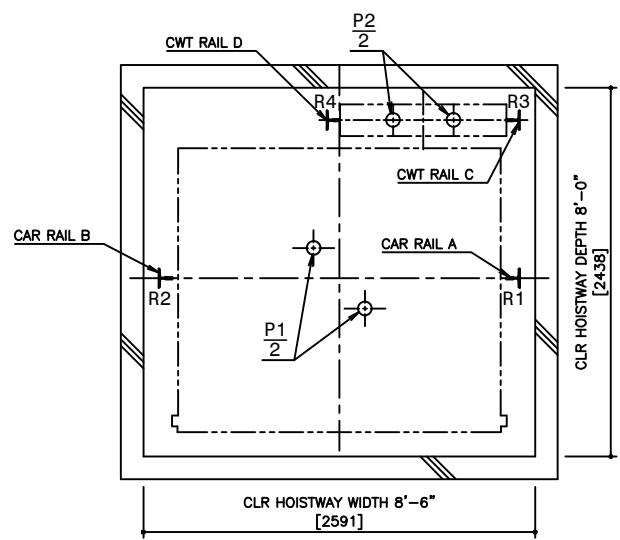
POWER FEEDER DATA 1CAR

MOTOR	STANDARD VOLTAGE 208V				STANDARD VOLTAGE 480V				POWER SUPPLY CAPACITY [kVA]	HEAT EMISSION			
	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]		HOISTWAY CAPACITY [BTU/h]	CONTROL PANEL ROOM [W]	HOISTWAY CAPACITY [BTU/h]	CONTROL PANEL ROOM [W]
[HP] [kW]	46	80	75	20	35	30	10	1880	550	4270	1250		

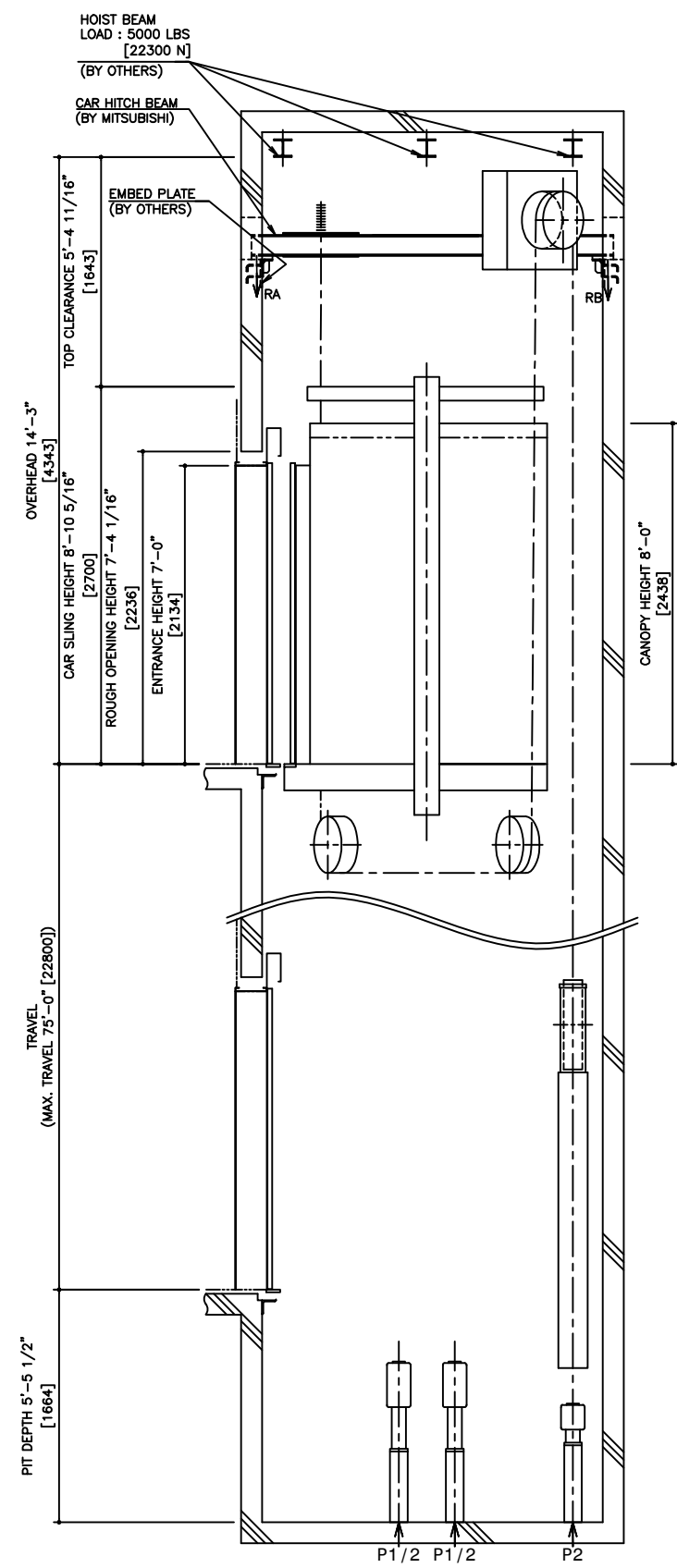
POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A]
 = EACH CURRENT (FLU or FLAcc) [A] x STANDARD VOLTAGE (E1 or E2) [V] / LOCAL SUPPLY VOLTAGE (E) [V]



HOISTWAY PLAN WITHOUT CWT SAFETY



PIT PLAN WITHOUT CWT SAFETY



HOISTWAY SECTION WITHOUT CWT SAFETY

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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-0041
 REV.:

MITSUBISHI ELEVATORS & ESCALATORS
DIAMOND TRAC

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION