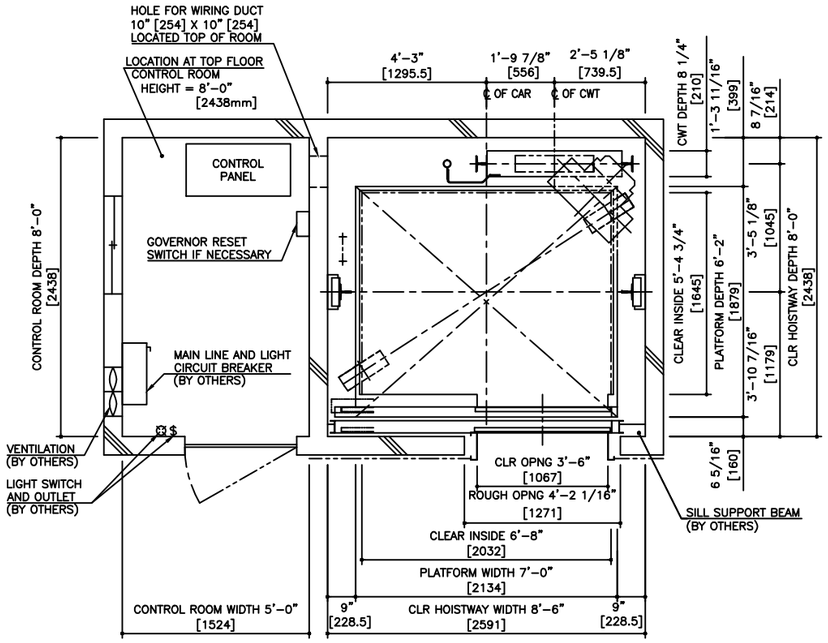
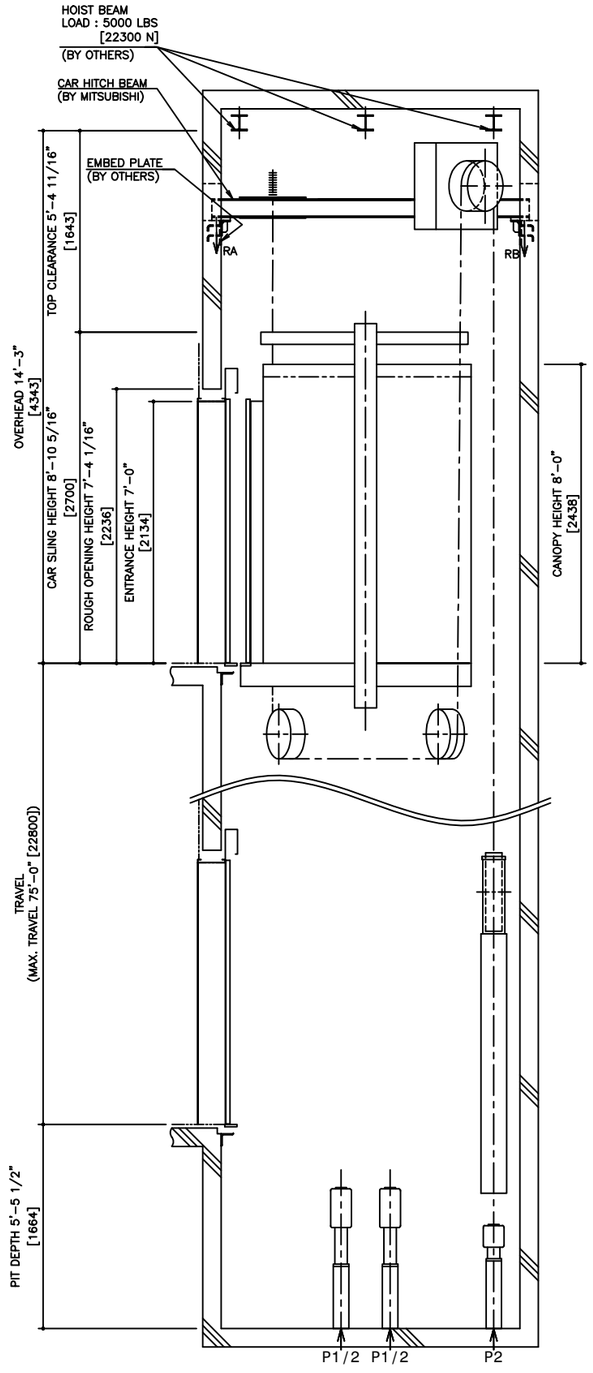
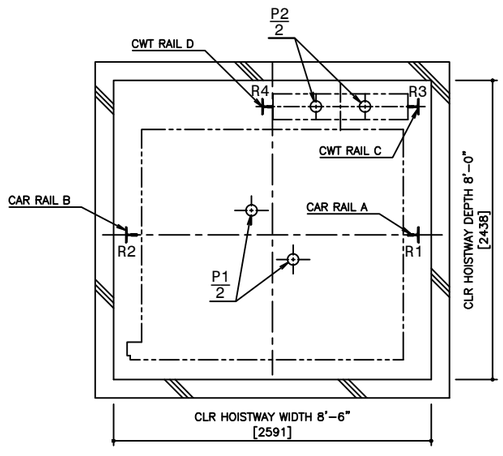


HOISTWAY PLAN
WITHOUT CWT SAFETY



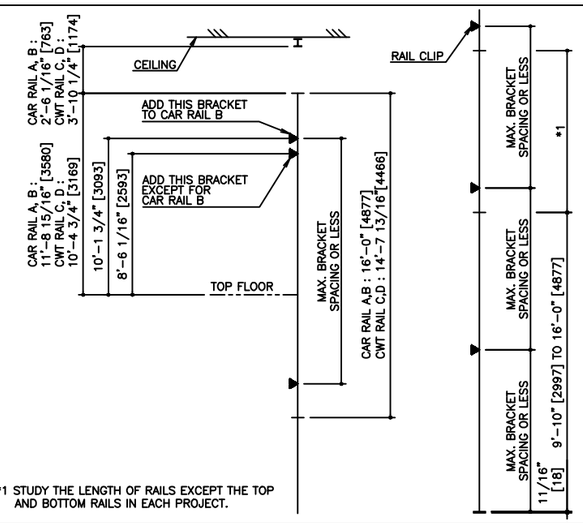
HOISTWAY SECTION
WITHOUT CWT SAFETY



PIT PLAN
WITHOUT CWT SAFETY

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			SS
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

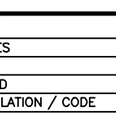


*1 STUDY THE LENGTH OF RAILS EXCEPT THE TOP AND BOTTOM RAILS IN EACH PROJECT.

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	12'-11 1/2" [3950]	13'-5 7/16" [4100]	11'-9 3/4" [3600]	11'-9 3/4" [3600]

RAIL REACTION LOAD



RAIL LOAD DETAIL

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]
	F1X	F1Y	F1X	F1Y
ZONE 3 & 4 (T127-2/B)	3000 LBS [13100 N]	1500 LBS [6600 N]	3300 LBS [14300 N]	1700 LBS [7200 N]

CAR HITCH BEAM LOAD

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
WITHOUT CWT SAFETY	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	HEAT EMISSION			
		CURRENT		BREAKER IN CONTROL PANEL	CURRENT		BREAKER IN CONTROL PANEL		HOISTWAY (EXCEPT CAR LIGHTING)		CONTROL PANEL ROOM	
[HP]	[kW]	FLU [A]	FLAcc [A]	[A]	FLU [A]	FLAcc [A]	[A]	[kVA]	[BTU/Hr]	[W]	[BTU/Hr]	[W]
13.3	9.9	46	80	75	20	35	30	10	1880	550	4270	1250

POWER CRRENT 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.

SCALE : 1/50

NO.	DATE	BY	REVISIONS
–	02/13/07	–	CREATED DRAWING

NOT TO BE USED FOR CONSTRUCTION

PROJECT: –
ELEV. NO.: –
DWG. TITLE: –
ADMIN. NO.: –
DWG. NO.: EZ-B-0049
REV.

MITSUBISHI ELEVATORS & ESCALATORS

DIAMOND TRAC

ADMIN. NO | B-AM111KA-21SSS-060-RO-NO