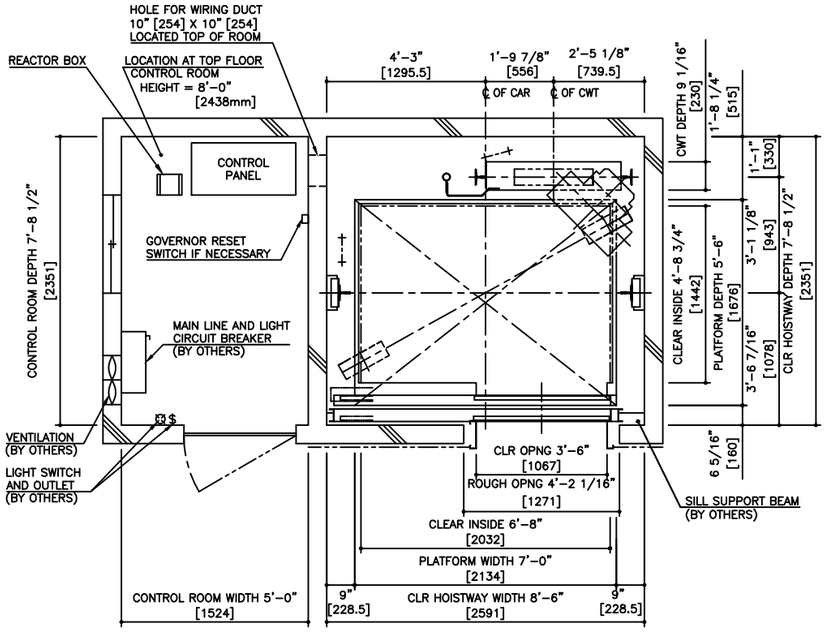
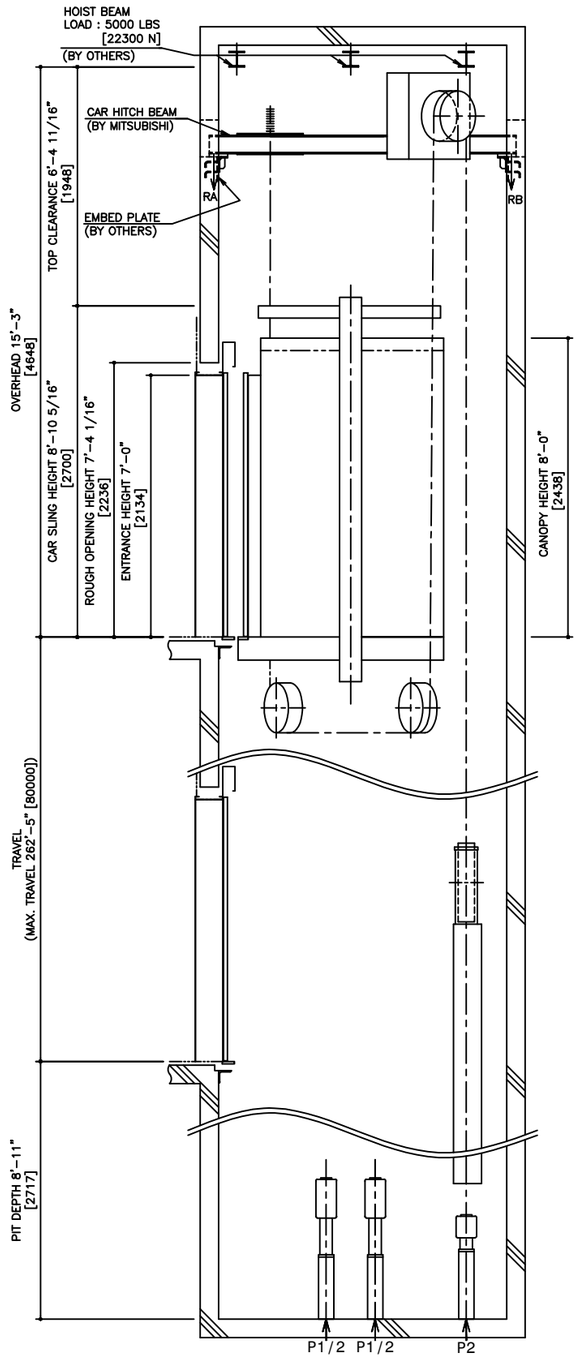


HOISTWAY PLAN
WITH CWT SAFETY

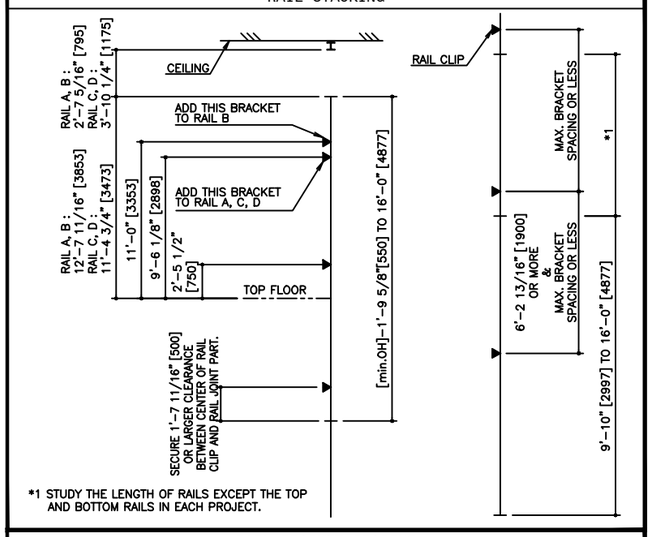
PIT PLAN
WITH CWT SAFETY



HOISTWAY SECTION
WITH CWT SAFETY

SPECIFICATIONS			
SERIES			DIAMOND TRAC
LOAD			3000 LBS [1361 kg]
SPEED			400 FPM [120 m/min]
REGULATION / CODE			ASME A17.1 – 2010
TRAVEL			MAX. TRAVEL : 262'–5" [80 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			APPLIED

RAIL STACKING

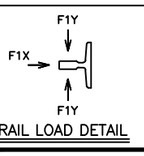


*1 STUDY THE LENGTH OF RAILS EXCEPT THE TOP AND BOTTOM RAILS IN EACH PROJECT.

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	13'–7 3/8" [4150]	13'–7 3/8" [4150]	11'–9 11/16" [3600]	11'–9 11/16" [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 [6500 N]	800 LBS [3300 N]	1600 LBS [7000 N]	800 LBS [3500 N]
ZONE 3 & 4 (T127–2/B)	2900 LBS [12900 N]	1500 LBS [6500 N]	3200 LBS [14000 N]	1600 LBS [7000 N]

CAR HITCH BEAM LOAD

STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
4300 LBS [19000 N]	1200 LBS [5000 N]	8600 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
WITH CWT SAFETY	ZONE 0 TO 2 (T127–1/B)	14000 LBS [62000 N]	13500 LBS [60000 N]	12600 LBS [56000 N]	11500 LBS [51000 N]	39400 LBS [176000 N]	33200 LBS [148000 N]
	ZONE 3 & 4 (T127–2/B)	14900 LBS [66000 N]	14400 LBS [64000 N]	13500 LBS [60000 N]	12600 LBS [56000 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]
22.8	17	76.3	135.1	100	33.1	58.6	40	17	3410	1000	9040	2650

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]

DISCLAIMER:

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.
-IF ASME A17.1–2004 APPLIES, ADD 2"[51] TO OVERHEAD AND TOP CLEARANCE.

SCALE : 1/50

NO.	DATE	BY	
–	8/12/15	–	CREATED DRAWING

NOT TO BE USED FOR CONSTRUCTION

PROJECT:
ELEV. NO.: –
DWG. TITLE: –
ADMIN. NO.: –
DWG. NO.: EZ–B–0227
REV.

MITSUBISHI ELEVATORS & ESCALATORS

DIAMOND TRAC

ADMIN. NO | B–AM111KA–18SSS–120–RW–NO