

- NOTES :
1. 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.
 2. "TRAVEL ABOVE GROUND" + "OVERHEAD" MUST BE LESS THAN 295'-0" (90 METERS).
 3. REGENERATIVE POWER (PCNV) IS ALWAYS REQUIRED FOR THIS DUTY.
 4. WIRING DISTANCE BETWEEN CONTROL PANEL AND TRACTION MACHINE MUST BE WITHIN 98'-5" (30 METERS) FOR THIS DUTY.

DISCLAIMER:

THESE CAD DRAWINGS SHOULD BE USED FOR REFERENCE ONLY. MEUS DISCLAIMS ALL RESPONSIBILITY FOR ANY REPRODUCTION, MODIFICATION, DISTRIBUTION OR INTEGRATION OF THESE CAD DRAWINGS INTO OTHER ARCHITECTURAL AND STRUCTURAL DRAWINGS. MEUS MARKETS NO WARRANTIES OF ANY KIND WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THESE CAD SCHEMATIC DRAWINGS FOR ANY PURPOSE. MEUS HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Copyright (c) 2005 Mitsubishi Electric & Electronic USA, Inc. All rights reserved.

SPECIFICATIONS	
SERIES	DIAMOND TRAC
LOAD	4000 LBS [1800 kg]
SPEED	400 FPM [120 m/min]
REGULATION / CODE	ASME A17.1S - 2005
TRAVEL	MAX. TRAVEL : 295'-0" [90 m]
DOOR TYPE	CO
GUIDE RAIL	CAR 15 LBS OR 18.5 LBS
CWT SAFETY	CWT 15 LBS OR 18.5 LBS
	NOT APPLIED

RAIL BRACKET SPACING							
SEISMIC ZONE	ZONE 0 TO 2				ZONE 3 & 4		
	15 LBS		18.5 LBS		15 LBS		18.5 LBS
RAIL SIZE	CAR	CWT	CAR	CWT	CAR	CWT	CAR
RAIL BRACKET SPACING	12'-7 9/16" [3850]	13'-3 3/16" [4050]	15'-10 15/16" [4850]	16'-4 7/8" [5000]	9'-10 1/8" [3000]	9'-10 1/8" [3000]	13'-5 7/16" [4100]

RAIL REACTION LOAD					
SEISMIC ZONE	RAIL REACTION LOAD	CAR RAIL A, B		CWT RAIL C, D	
		F1X	F1Y	F1X	F1Y
		ZONE 0 TO 2	2000 LBS [9000 N]	1000 LBS [4500 N]	2100 LBS [9400 N]
ZONE 3 & 4	3300 LBS [15000 N]	1800 LBS [8000 N]	3600 LBS [16000 N]	2300 LBS [7100 N]	

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
5900 LBS [27000 N]	1800 LBS [8000 N]	11500 LBS [51200 N]	3600 LBS [16000 N]

PIT REACTION LOAD						
SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
WITHOUT CWT SAFETY	15 LBS	20400 LBS [91000 N]	19300 LBS [86000 N]	19800 LBS [88000 N]	12600 LBS [56000 N]	51700 LBS [230000 N]
	18.5 LBS					43800 LBS [195000 N]

POWER FEEDER DATA 1CAR													
MOTOR		STANDARD VOLTAGE 208V				STANDARD VOLTAGE 480V			POWER SUPPLY CAPACITY		HEAT EMISSION		
[HP]	[kW]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	CURRENT [A]	FLU [A]	FLAcc [A]	BREAKER IN CONTROL PANEL [A]	[kVA]	[BTU/Hr]	[W]	[BTU/Hr]	[W]
33.5	25	116	215	115	50	93	50	25	5120	1500	14160	4150	

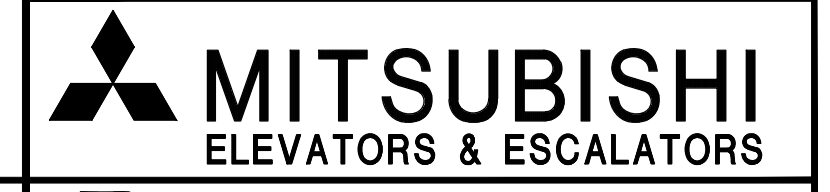
POWER CURRENT CORRESPONDING TO LOCAL SUPPLY VOLTAGE (FLU or FLAcc) [A]

= EACH CURRENT (FLU or FLAcc)[A] X STANDARD VOLTAGE (E1 or E2)[V]

= EACH CURRENT (FLU or FLAcc)[A] X LOCAL SUPPLY VOLTAGE (E) [V]

NO.	DATE	BY	REVISIONS
-	03/16/10	-	CREATED DRAWING

PROJECT:	-
ELEV. NO.:	-
DWG. TITLE:	-
ADMIN. NO.:	-
DWG. NO.:	EZ-B-0133
REV.	



NOT TO BE USED FOR CONSTRUCTION **DIAMOND TRAC**

SCALE : 1/50