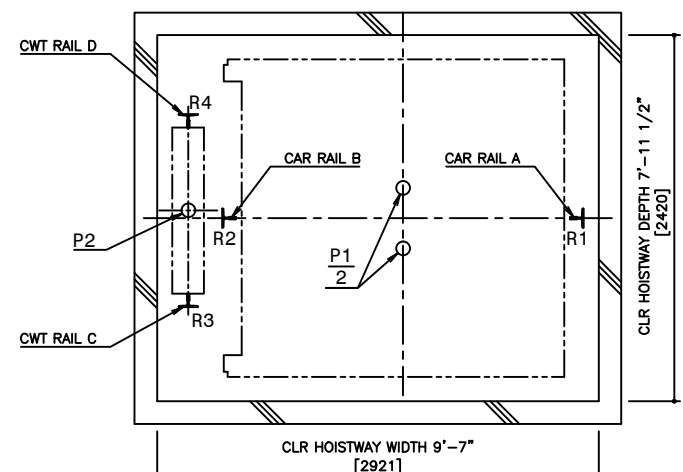
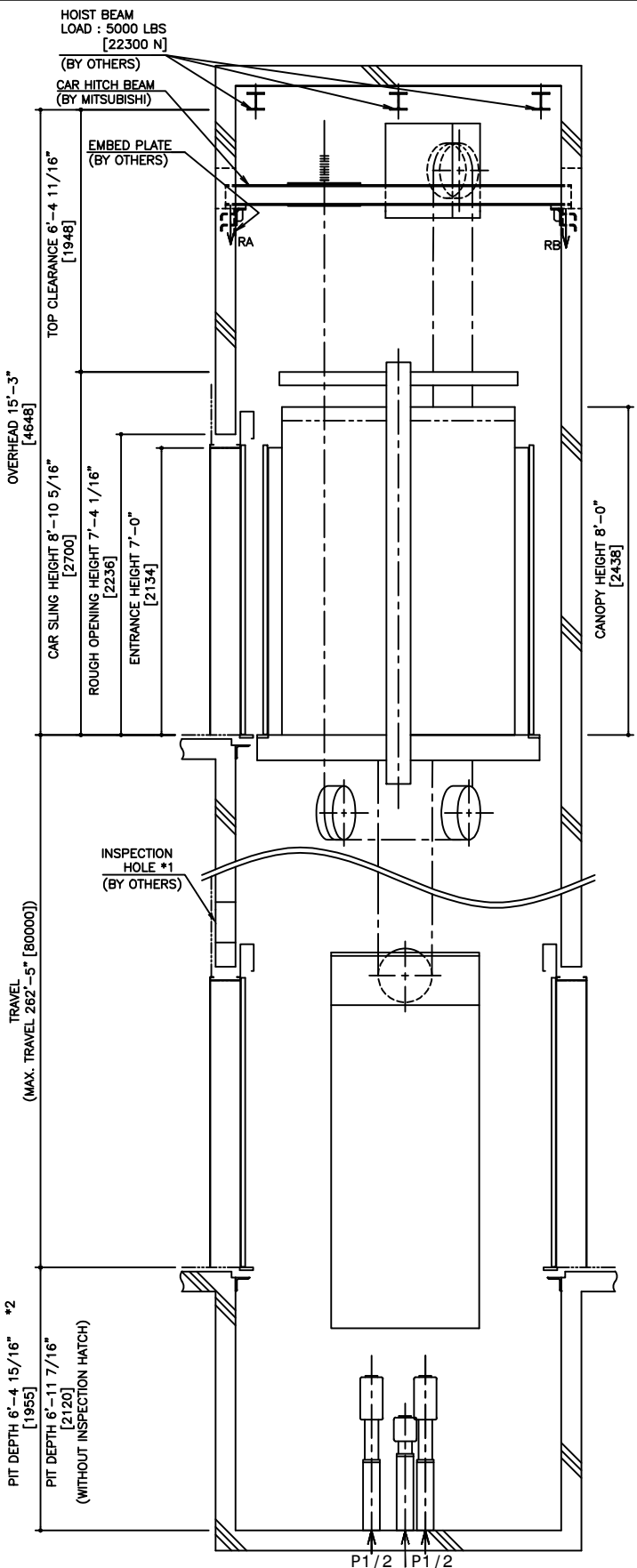


HOISTWAY PLAN
WITHOUT CWT SAFETY

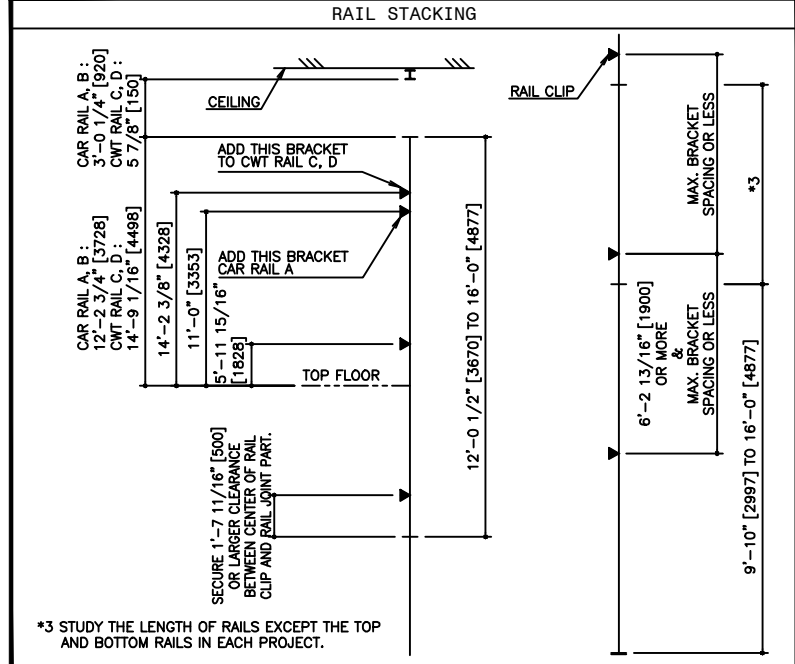


PIT PLAN
WITHOUT CWT SAFETY



HOISTWAY SECTION
WITHOUT CWT SAFETY

SPECIFICATIONS			
SERIES	DIAMOND TRAC		
LOAD	3500 LBS [1588 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
	CWT	ZONE 3 & 4	T127-2/B
CWT SAFETY	CAR	ZONE 0 TO 2	T127-1/B
	CWT	ZONE 3 & 4	T127-2/B
CWT SAFETY		NOT 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	13'-1 7/16" [4000]	13'-1 7/16" [4000]	11'-9 11/16" [3600]	11'-9 11/16" [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 [6500 N]	800 LBS [3400 N]	1600 LBS [7100 N]	800 LBS [3600 N]
ZONE 3 & 4 (T127-2/B)	3000 LBS [13000 N]	1500 LBS [6500 N]	3200 LBS [14200 N]	1600 LBS [7100 N]

CAR HITCH BEAM LOAD			
STATIC LOAD		DYNAMIC LOAD	
RA	RB	RA	RB
4100 LBS [18000 N]	1600 LBS [7000 N]	7900 LBS [35000 N]	3200 LBS [14000 N]

SEISMIC ZONE (RAIL SIZE)	RAIL REACTION LOAD				BUFFER REACTION LOAD	
	R1	R2	R3	R4	P1	P2
ZONE 0 TO 2 (T127-1/B)	14000 LBS [62000 N]	15600 LBS [69000 N]	11300 LBS [50000 N]	12600 LBS [56000 N]	41300 LBS [184000 N]	34100 LBS [152000 N]
ZONE 3 & 4 (T127-2/B)	15100 LBS [67000 N]	16700 LBS [74000 N]	12200 LBS [54000 N]	13500 LBS [60000 N]		

POWER FEEDER DATA 1 CAR												
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]	FLU [A]	FLAcc [A]	[A]	[kVA]	[BTU/h]	[W]	[BTU/h]	[W]	
26.8	20	88.6	157.2	100	38.4	68.1	50	19	3750	1100	10240	3000

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

*1,*2 : AS SHOWN IN THE FIGURE ABOVE, AN INSPECTION HATCH FOR USE IN THE MAINTENANCE OF THE CAR DOOR OPERATOR SHALL BE PROVIDED ABOVE THE ENTRANCE ON THE BOTTOM FLOOR, IF THE LANDING IS THE ONLY ONE IN THAT SIDE. HOWEVER, THIS INSPECTION HATCH WILL BE UNNECESSARY, IF THE PIT DEPTH CAN BE DEEPENED BY 0'-6 1/2" [165].

NO.	DATE	BY	REVISIONS
-	8/12/15	-	CREATED DRAWING

PROJECT:	-
ELEV. NO.:	-
DWG. TITLE:	-
ADMIN. NO.:	-
DWG. NO.:	EZ-B-0257
REV.	

SCALE : 1/50
 NOT TO BE USED FOR CONSTRUCTION

