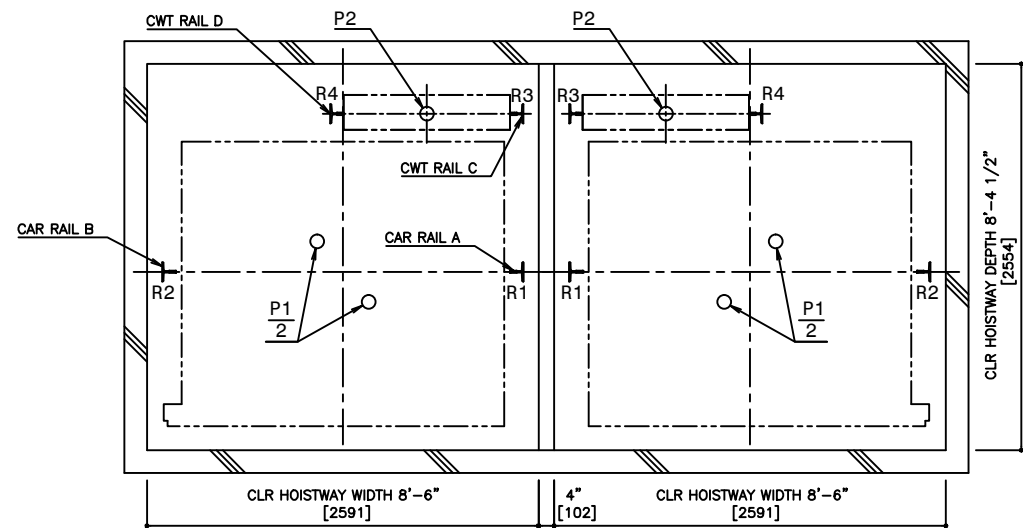
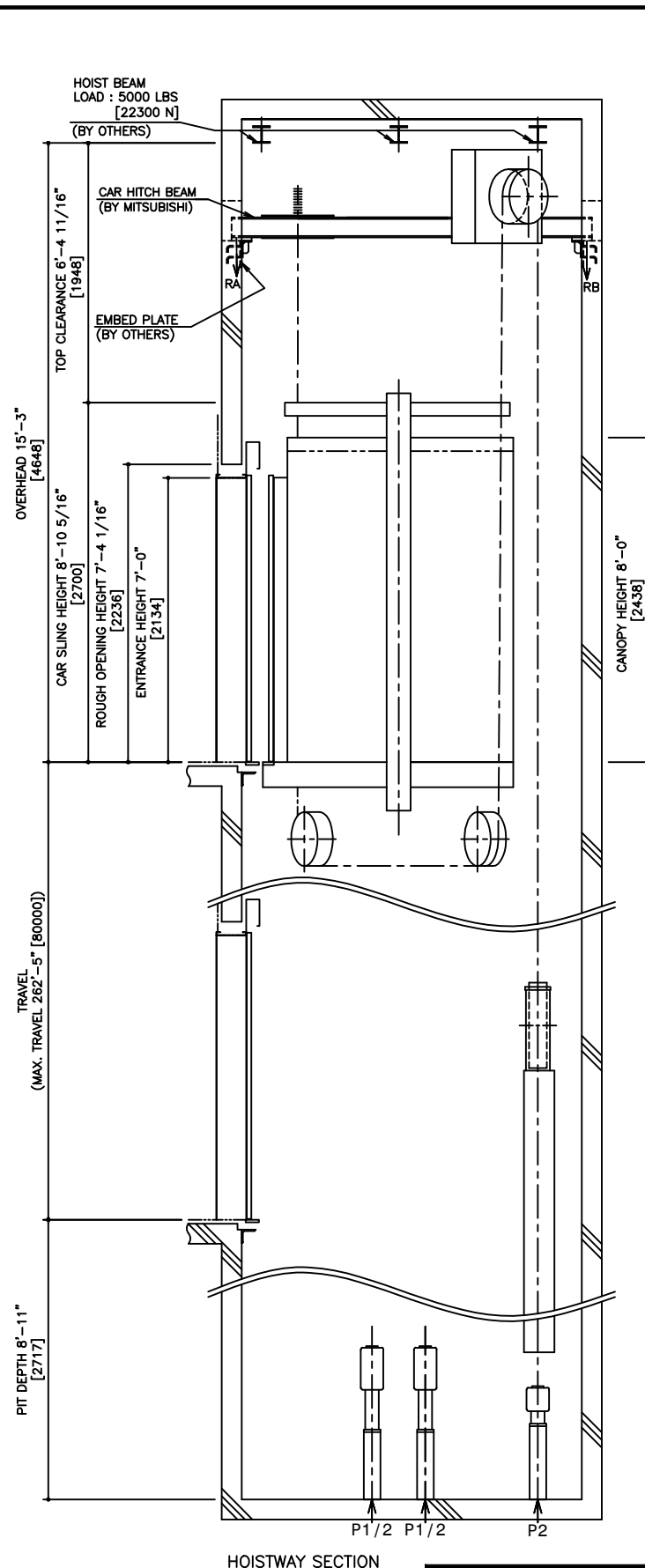


HOISTWAY PLAN WITH CWT SAFETY

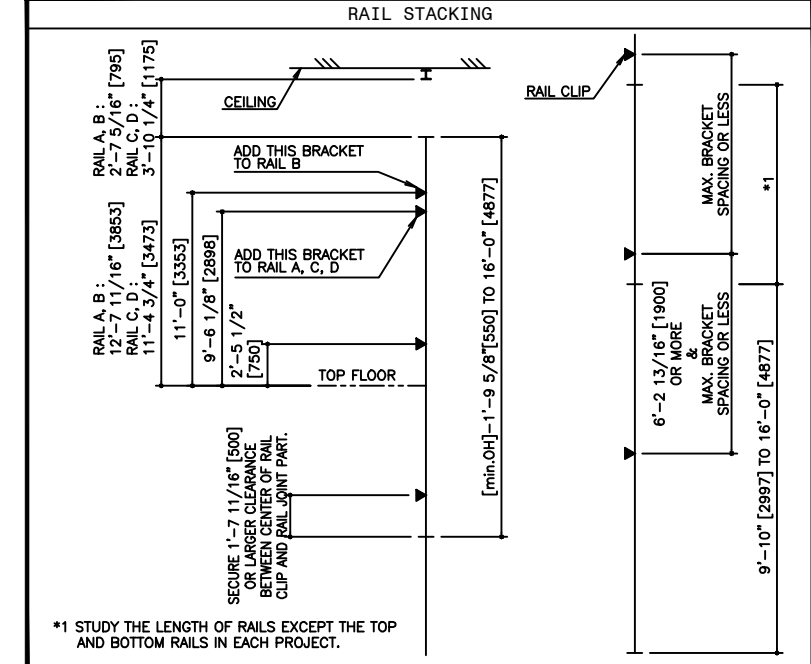


PIT PLAN WITH CWT SAFETY



HOISTWAY SECTION WITH 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 |



| 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'-7 3/4\" [3550] | 11'-7 3/4\" [3550] |

| SEISMIC ZONE (RAIL SIZE) | RAIL REACTION LOAD | | | |
|--------------------------|--------------------|-------------------|--------------------|-------------------|
| | 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] |

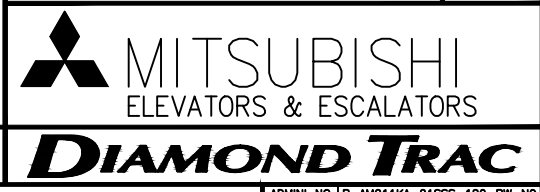
| CAR HITCH BEAM LOAD | | | |
|---------------------|-------------------|--------------------|--------------------|
| STATIC LOAD | | DYNAMIC LOAD | |
| RA | RB | RA | RB |
| 4500 LBS [20000 N] | 1200 LBS [5000 N] | 9300 LBS [41000 N] | 2300 LBS [10000 N] |

| SEISMIC ZONE (RAIL SIZE) | PIT REACTION LOAD | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|
| | RAIL REACTION LOAD | | | |
| | R1 | R2 | R3 | R4 |
| ZONE 0 TO 2 (T127-1/B) | 14400 LBS [64000 N] | 14000 LBS [62000 N] | 12900 LBS [57000 N] | 12000 LBS [53000 N] |
| ZONE 3 & 4 (T127-2/B) | 15300 LBS [68000 N] | 15100 LBS [67000 N] | 14000 LBS [62000 N] | 12900 LBS [57000 N] |

| POWER FEEDER DATA 1CAR | | | | | | | | | | | | |
|------------------------|-----------------------|--------------------------|-----------|---------|--------------------------|-----------|-----------------------|--------------------------------|--------------------|---------|-------|------|
| 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] | [A] | FLU [A] | FLAcc [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 |

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

| | |
|-------------|-----------|
| PROJECT: | - |
| ELEV. NO.: | - |
| DWG. TITLE: | - |
| ADMIN. NO.: | - |
| DWG. NO.: | EZ-B-0244 |
| REV.: | - |



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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.

SCALE : 1/50

NOT TO BE USED FOR CONSTRUCTION