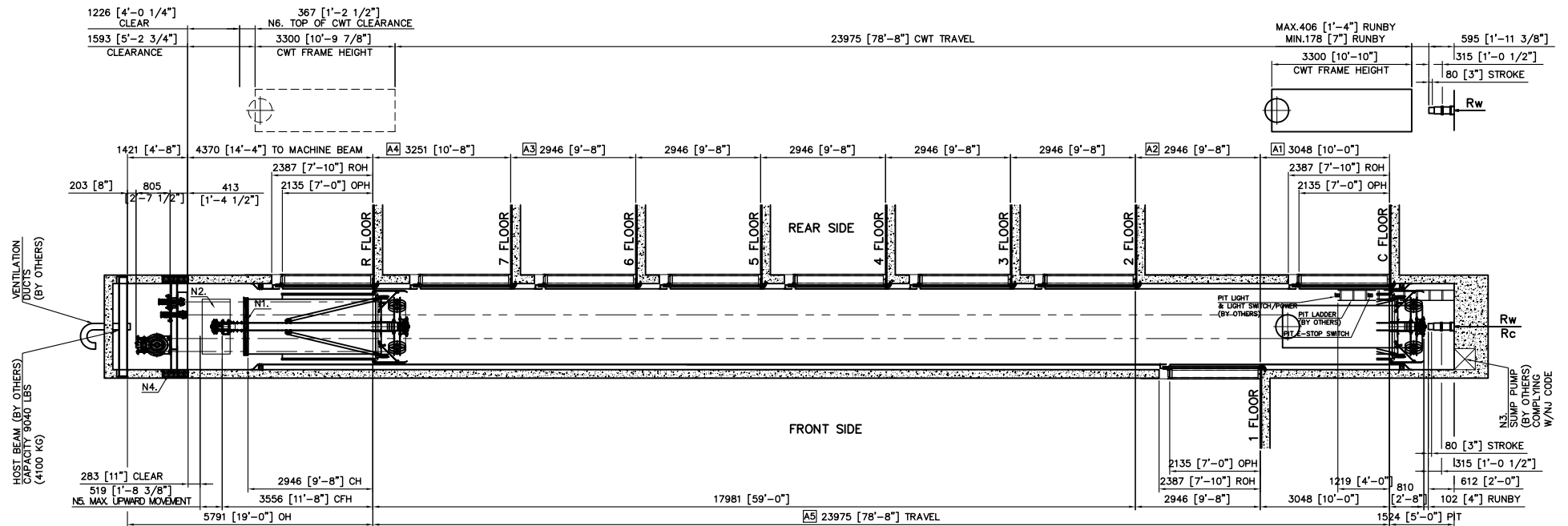
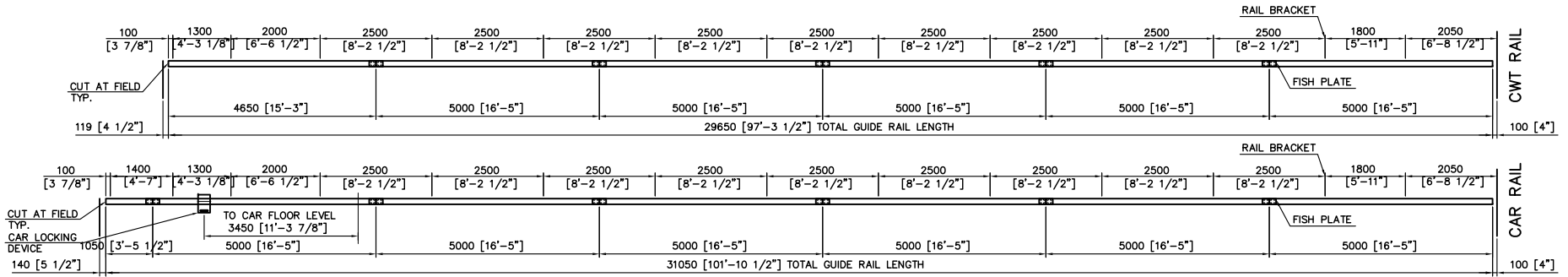
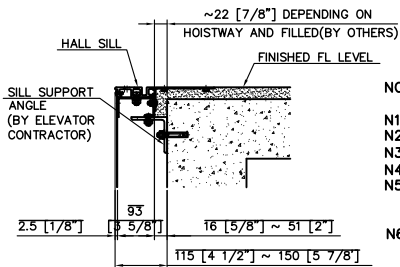


HOISTWAY PLAN



**HOISTWAY SECTION**



**HALL SILL DETAIL**

**NOTE**

- N1. TOP CEILING GUIDE (4" HEIGHT)
- N2. CAR TOP SAFETY GUIDE
- N3. SUMP PUMP & DRAIN 600x600 (BY OTHERS)
- N4. POCKETS HAVE TO BE FILLED BEAM INSTALLATION (BY OTHERS)
- N5. MAXIMUM UPWARD MOVEMENT OF THE CAR  
= COUNTERWEIGHT RUNBY + BUFFER STROKE + ONE-HALF OF THE GRAVITY STOPPING DISTANCE  
= 406 + 80 +  $\frac{1}{2} \times \{51 \times (1.0 \times 1.15)^2\} = 519$  mm
- N6. TOP OF COUNTERWEIGHT CLEARANCE  
= CAR RUNBY + BUFFER STROKE + 152 + ONE-HALF OF THE GRAVITY STOPPING DISTANCE  
= 102 + 80 + 152 +  $\frac{1}{2} \times \{51 \times (1.0 \times 1.15)^2\} = 367$  mm
- N7. OVERHEAD DIMENSIONS ARE BASED OFF OF FINISHED FLOOR AT TOP LANDING NOT SLAB LEVEL.

- OPH = OPENING HEIGHT
- ROH = ROUGH OPENING HEIGHT
- CFH = CAR FRAME HEIGHT
- CH = CAB HEIGHT
- OH = OVERHEAD
- OT = OVER TRAVEL

PIT REACTION		
Rc	IMPACT ON CAR BUFFER SUPPORT	32161 lbf [ 142.9 kN]
Rw	IMPACT ON CWT BUFFER SUPPORT	25534 lbf [ 113.5 kN]