



1. 4000 PSI, $\frac{3}{4}$ IN, 585 HP CEMENT CONCRETE. (corrosive environment)
4000 PSI, $\frac{3}{4}$ IN, 610 CEMENT CONCRETE. (non-corrosive environment)
2. ALL KEYS TO BE SLIGHTLY TAPERED.

(22'-0" < COLUMN SPACING ≤ 27'-0")

TYPICAL TRIPLE COLUMN PIER ELEVATION

SCALE: $\frac{1}{4}$ " = 1'-0"

NOTES:

1. $H \leq W \leq 1.5H$
2. $A = 4'-0"$ for $22'-0" < \text{column spacing} \leq 25'-0"$.
 $A = 5'-0"$ for $25'-0" < \text{column spacing} \leq 27'-0"$.
3. Provide crash wall or solid pier where required by railroad or hydraulics.
4. Use continuous footings where footing is on subsoil or piles. Use individual



AESTHETIC PIER – TYPICAL
TRIPLE COLUMN ELEVATION
22'-0" < COLUMN SPACING ≤ 27'-0"
PIER DETAILS

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Use individual footings where footing is on ledge.