



**(18'-0" ≤ COLUMN SPACING ≤ 22'-0")**  
**TYPICAL TRIPLE COLUMN PIER ELEVATION**  
 SCALE: 1/4" = 1'-0"

**NOTE:**

4000 PSI, 3/4 IN., 585 HP CEMENT CONCRETE. (corrosive environment)  
 4000 PSI, 1/2 IN., 610 CEMENT CONCRETE. (non-corrosive environment)

**NOTES:**

1.  $W \leq H \leq 1.5W$
2. A = Varies from 6'-0" to 8'-0".
3. C.I.P. closure pour is required when precast element exceeds shipping limits.
4. The narrowest width of the element and any projecting reinforcing should be kept below 14 feet due to shipping limitations.
5. Provide crash wall or solid pier where required by railroad or hydraulics.
6. Use continuous footings where footing is on subsoil or piles. Use individual footings where footing is on ledge.
7. In lieu of precast footings, C.I.P. footings may be used. See Section 3.5, Part II of this Bridge Manual.