

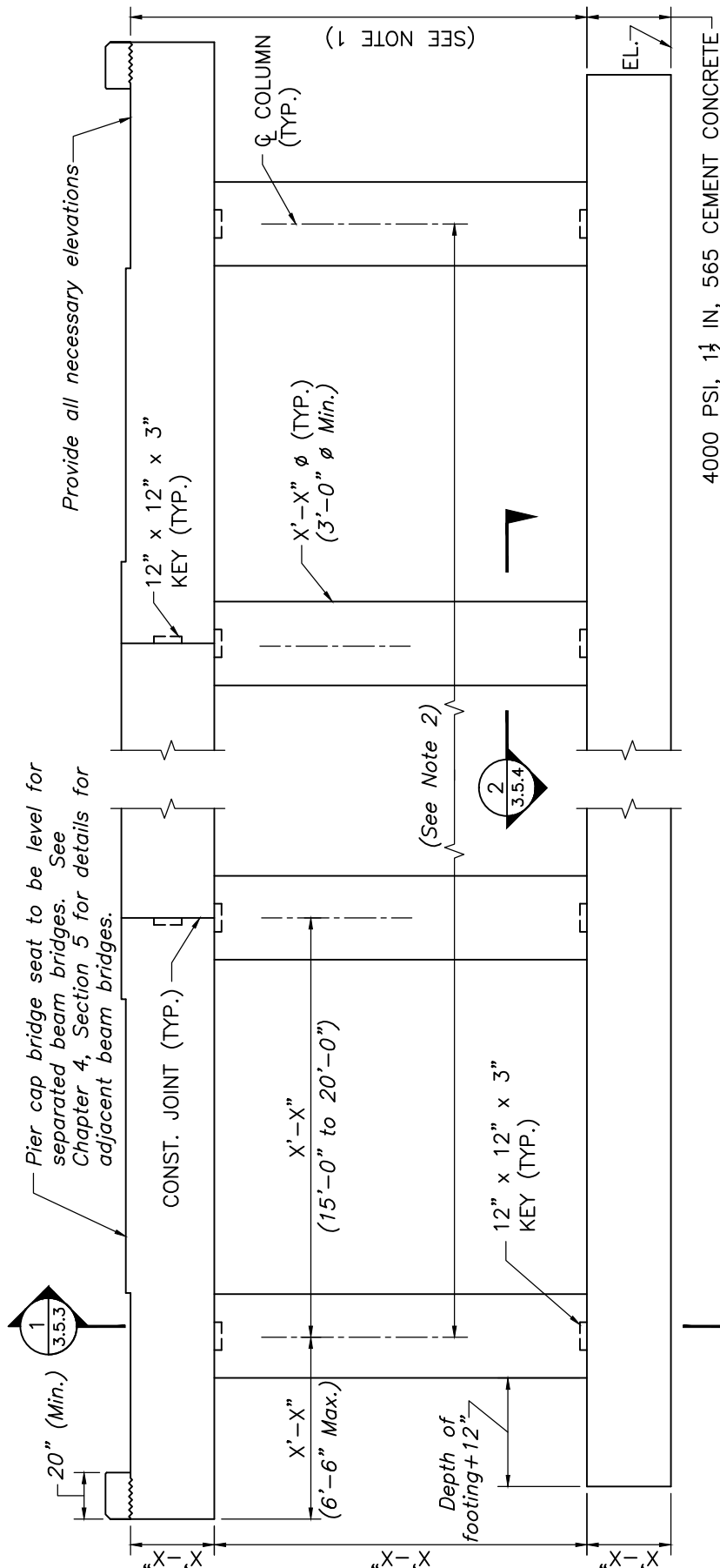
TYPICAL TRANSVERSE SECTION PIER DETAILS

DATE OF ISSUE

JUNE 2013

DRAWING NUMBER

3.5.2



NOTES:

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

TRANSVERSE SECTION OF PIER

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

NOTES:

- The transverse section shall be drawn without breaks and to scale on Construction Drawings and all pier cap and footing reinforcement shall be included. Locate this section under the plan view of the pier.
- If the dimension from center line to center line of exterior columns exceeds $80' - 0''$, provide two (2) separate pier caps on continuous footing.
- Provide crash wall or solid pier where required by railroad or hydraulics.
- Bottom of pier cap should be level. However, if the height of one end of the pier cap exceeds 1.5 times the height of the other end, bottom of the pier cap may be sloped to stay within these limits.