



**CONSTRUCTION SEQUENCE:**

1. PREPARE SUB-GRADE AND INSTALL PILES (IF PILE SUPPORTED).
2. SET SOIL BEARING PLATE.
3. SET PRECAST COLUMN OR WALL ELEMENT. SHIM AS REQUIRED TO MEET THE REQUIRED GRADE.
4. BRACE COLUMN OR WALL TO PREVENT OVERTURNING.
5. INSTALL FOOTING REINFORCING.
6. CAST AND CURE FOOTING.
7. REMOVE BRACING.

**SECTION 5**

SCALE: 1/2" = 1'-0"

**NOTES:**

1. Show and note total number of piles in plan view of pile layout for each substructure.
2. Note the estimated pile tip elevations on the Construction Drawings.
3. Maximum spacing of piles is 10'-0".
4. Embedment of piles may exceed 12", if required.
5. Use this detail for footings with closely spaced piles or for large pile supported footings.
6. This detail can be used for larger spread footings also.



LRFD BRIDGE

MANUAL, PART III

**CAST-IN-PLACE FOOTING  
ON H-PILES OPTION  
VERTICAL SECTION  
PRECAST PIERS**

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