

NOTES:

- 1. PRE-BED SEAT WITH NON-SHRINK GROUT WITH THICKNESS SLIGHTLY MORE THAN SHIM STACK.
- 2. CARE SHALL BE TAKEN TO PREVENT CONTROLLED DENSITY FILL (NON-EXCAVATABLE) FROM ENTERING AND OCCUPYING, FULLY OR PARTIALLY, CMP VOIDS.
- 3. THE CONTRACTOR MAY USE CONCRETE IN LIEU OF CONTROLLED DENSITY FILL (NON-EXCAVATABLE) TO FACILITATE CONSTRUCTION. HOWEVER, NO ADDITIONAL COMPENSATION SHALL BE ASSUMED FOR THIS SUBSTITUTION.
- 4. LEVELING BOLTS SHOWN. CONTRACTOR MAY USE OTHER MEANS OF SETTING GRADE.

<u>SECTION</u> 5 SCALE: $\frac{1}{2}$ " = 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. The inside diameter of the CMP shall be equal, as a minimum, to the largest out—to—out pile dimension +8", rounded up to the nearest 3". The smallest CMP which satisfies the required above minimum dimension should be used.
- 6. For battered piles the minimum clear dimension from the edge of the pile to the inside wall of the CMP should be equal to 4".
- 7. Use this detail for footings with widely spaced piles. For other footings, use details on Dwg. No. 4.1.10.



PRECAST FOOTING ON H-PILES - VERTICAL SECTION PRECAST PIERS DATE OF ISSUE JUNE 2013

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