NOTES:
1. EACH PIER SHALL BE COMPLETED IN A SINGLE CONTINUOUS POUR.
2. CHAMFER EDGES 3/4".
3. CONTRACTOR SHALL CONSTRUCT CONCRETE PIER TO A MINIMUM DEPTH OF 6' OR TO A DEPTH WHERE A GOOD BEARING SOIL IS ENCOUNTERED.
4. ALL SHAFTS SHALL BE BORED VERTICALLY PLUMB WITHIN 2" TOLERANCE.
5. ALL INFORMATION SHOWN IS CITY MINIMUM. ALL PIERS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER.

SECTION A-A

PLAN

MIN. 6' "STD. PIER" BELOW GRND.

EXTRA HEIGHT CONCRETE PIER (PER FOOT)

VERTICAL STEEL AS PER TABLE

POUR CONC. AGAINST UNDISTURBED EARTH INTO HOLE

#4 BAR HOOPS, 12" O.C.

1" x 18" GALVANIZED STEEL ANCHOR BOLT SECURED TO VERTICAL REINFORCING STEEL

DUCTILE IRON PIPE WRAP WITH ONE LAYER OF TAR PAPER TO PREVENT BONDING

4" WIDE X 3/8" THICK STAINLESS STEEL STRAP (PRIMED & PAINTED) FORMED TO PERMIT SNUG TIGHTENING OF PIPE TO PIER (2 REQ'D. PER PIER)

PIER DIA. AS SHOWN ON PLANS

3" CLEARANCE MINIMUM

#4 BAR HOOPS, 12" O.C.

PIER DIAMETER | VERTICAL STEEL |
--------------|----------------|
16"          | 8              |
24"          | 12             |
26"          | 14             |
30"          | 16             |
42"          | 24             |

TYPICAL CONCRETE DRILLED PIER FOR AERIAL SEWER

DATE: AUG. 2012

B/CS UNIFIED STANDARD DETAIL: S4-00