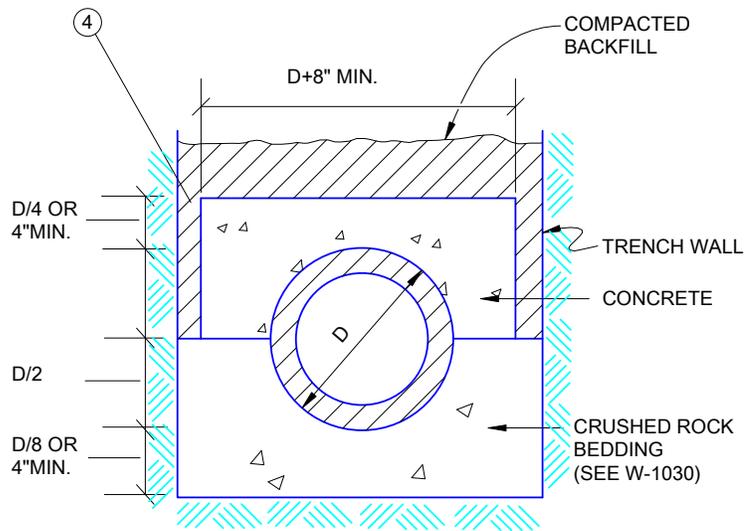


**REINFORCED CONCRETE
ARCH
CLASS AA**

NOTES:

1. CONCRETE ARCHES SHALL BE INSTALLED AS REQUIRED BY SPECIFICATIONS OR DIRECTED BY THE ENGINEER.
2. ALL CONCRETE SHALL BE CLASS "A" CONCRETE
3. RATIO OF X-AREA OF STEEL TO AREA OF CONCRETE PER LINEAL FOOT OF PIPE $\geq 0.4\%$ REINFORCING BAR SPACING MAX.=8"C.C., MIN.=6"C.C.
4. CONCRETE CAN BE POURED AGAINST TRENCH WALL-OPTIONAL



**CONCRETE ARCH
CLASS "A"**



APPROVED DATE: January 1, 2011

Joseph Brandy

DIRECTOR OF ENGINEERING

STANDARD DRAWING
CONCRETE ARCH

STD. DWG.
NO.

W-1020