

TYPE "A" FRAME AND COVER
USE #355 OR APPROVED
EQUAL

FINISHED GRADE

2 COURSES CLAY BRICK

CAST-IN-PLACE 8" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. TOP (TYP. EA. WAY), #5 @ 6" O.C. BOT. (TYP. EA. WAY)

CAST-IN-PLACE 6" CONCRETE WALLS REINFORCED WITH #4 @ 12" O.C. EA. WAY

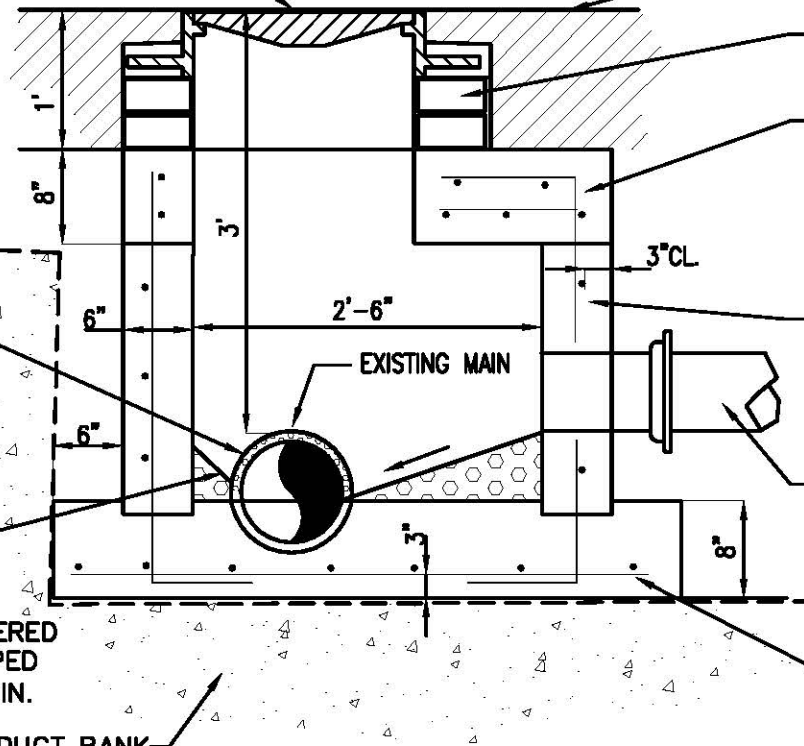
NEW 8" SANITARY SERVICE

CAST-IN-PLACE 8" CONC. SLAB REINFORCED W/ #4 @ 12" O.C. EA. WAY

SAW CUT UPPER HALF OF EXISTING MAIN AFTER FLOW CHANNEL CONSTRUCTION

CONSTRUCT FLOW CHANNELS. BRICK RUBBLE BEDDED AND COVERED WITH GROUT, SLOPED 3/4" PER FOOT MIN.

EXISTING UTILITY DUCT BANK CONCRETE ENCASEMENTS



SECTION

NOTES:

1. BRICK MASONRY CONSTRUCTION TO BE STUCCO WITH 3/4" MORTAR INSIDE AND OUTSIDE.
2. CONCRETE TO BE SEAL COATED WITH 16 MIL THICKNESS APPROVED COATING.
3. ALL OPENINGS SHALL BE SEALED WITH GROUT. (TYPE 2 CEMENT)
4. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO FLOW STREAM.
5. INVERT CHANNELS ARE TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTION.
6. SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS PROVIDING FOR SMOOTH FLOWS.
7. ALL CONCRETE MATERIALS, REINFORCEMENT AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 346, 400 AND 415 EXCEPT AS NOTED.
8. CONCRETE COVER SHALL BE 3" TO OUTSIDE OF BAR TO EXTERIOR WALL.
9. ALL CAST-IN-PLACE CONCRETE SHALL BE A MINIMUM OF 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
10. PROVIDE AN FDOT-APPROVED MIX DESIGN FOR A CLASS IV CONCRETE FOR AN EXTREMELY AGGRESSIVE (MARINE) ENVIRONMENT. PROVIDE SUFFICIENT AMOUNT OF FLY ASH, MICROSILICA, OR SLAG TO THE CEMENT CONTENT TO INCREASE IMPERMEABILITY OF CONCRETE. CURE PLACED CONCRETE IN ACCORDANCE WITH FDOT SPECIFICATION 400-16.1 AND ACI SPECIFICATION 5.11.
11. REINFORCEMENT SHALL BE ASTM A615, GRADE 60.

STANDARD MANHOLE OVER EXISTING MAIN
N.T.S.

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