

STANDARD SERVICE MANHOLE RING AND COVER RIM ELEVATION AS SHOWN ON PLANS

ENCASE RIBS IN CONCRETE COLLAR ALL AROUND

MANHOLE INFILTRATION PROTECTOR POLLARD WATER MODEL WSYI PZ1 OR APPROVED EQUAL

FINISH GRADE

12 INCH MAX

2 FEET DIAMETER

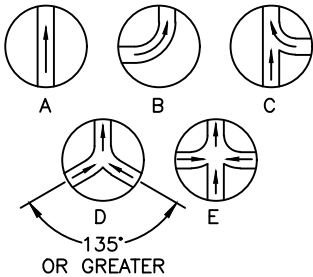
ENCASE RIBS IN CONCRETE COLLAR ALL AROUND

PRECAST 2" CONCRETE GRADE RINGS AND INTERNAL CHIMNEY SEAL OR NON-METALLIC ADJUSTMENT RINGS (HDPE), 1/2 INCH TO 3/4 INCH THICK MORTAR FINISH OUTSIDE, COAT INSIDE; IN ACCORDANCE WITH SARASOTA COUNTY UTILITY STANDARDS MANUAL

TONGUE AND GROOVE JOINT

TWO (2) BEADS SQUEEZE IN/OUT RAM-NEK

CHANNEL FLOW DETAILS



NOTE:

DROP MANHOLES, MANHOLES WITH OPPOSING FLOW (DETAILS D & E). MANHOLES IMMEDIATELY UPSTREAM OF A LIFT STATION WET WELL, MANHOLES WITH GRAVITY SEWERS GREATER THAN 12 INCHES IN DIAMETER, MANHOLES RECEIVING A FORCE MAIN AND THE FIRST TWO GRAVITY MANHOLES DOWNSTREAM OF MANHOLES RECEIVING A FORCE MAIN SHALL HAVE AN APPROVED LINER.

COATING SHALL BE APPLIED IN ACCORDANCE WITH SARASOTA COUNTY UTILITY STANDARDS MANUAL (INSIDE AND OUTSIDE)

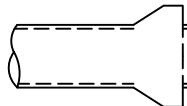
6-INCH MIN CONCRETE JOINT WRAP, BUTYL-LOK OR RUB-R-NEK

REINFORCING TO CONFORM WITH A.S.T.M. C-478 LATEST REVISION

6 INCHES MIN.

4 FEET INSIDE DIAMETER (FOR 8-15 INCH PIPE)
5 FEET INSIDE DIAMETER (LARGER THAN 15 INCHES)

NON-PENETRATING LIFT HOLES SHALL BE PLUGGED W/BUTYL RUBBER PLUGS, GROUTED AND COATED



ALL PIPE OPENINGS SHALL HAVE RESILIENT PIPE TO MANHOLE SEALS PER A.S.T.M. C-923 NEOPRENE BOOT CONFORMING TO A.S.T.M. C-923

6 INCHES

8 INCHES

12 INCHES

#4Ø REBAR @ 9 INCHES ON CENTER EACH WAY

12 INCHES

12 INCH CRUSHED STONE

NOTES:

1. MANHOLE SHALL CONFORM TO A.S.T.M. C-478 LATEST REVISION TYPE II CONCRETE, 4000 P.S.I. 28 DAY COMPRESSIVE STRENGTH
2. INTERCEPTOR MANHOLES, DROP MANHOLES, AND MANHOLES WITH INTERCEPTING FORCE MAINS SHALL BE LINED IN ACCORDANCE WITH SARASOTA COUNTY UTILITY STANDARDS MANUAL.
3. LIFTING HOLES SHALL BE NON-PENETRATING, GROUTED AND COATED.

N.T.S.