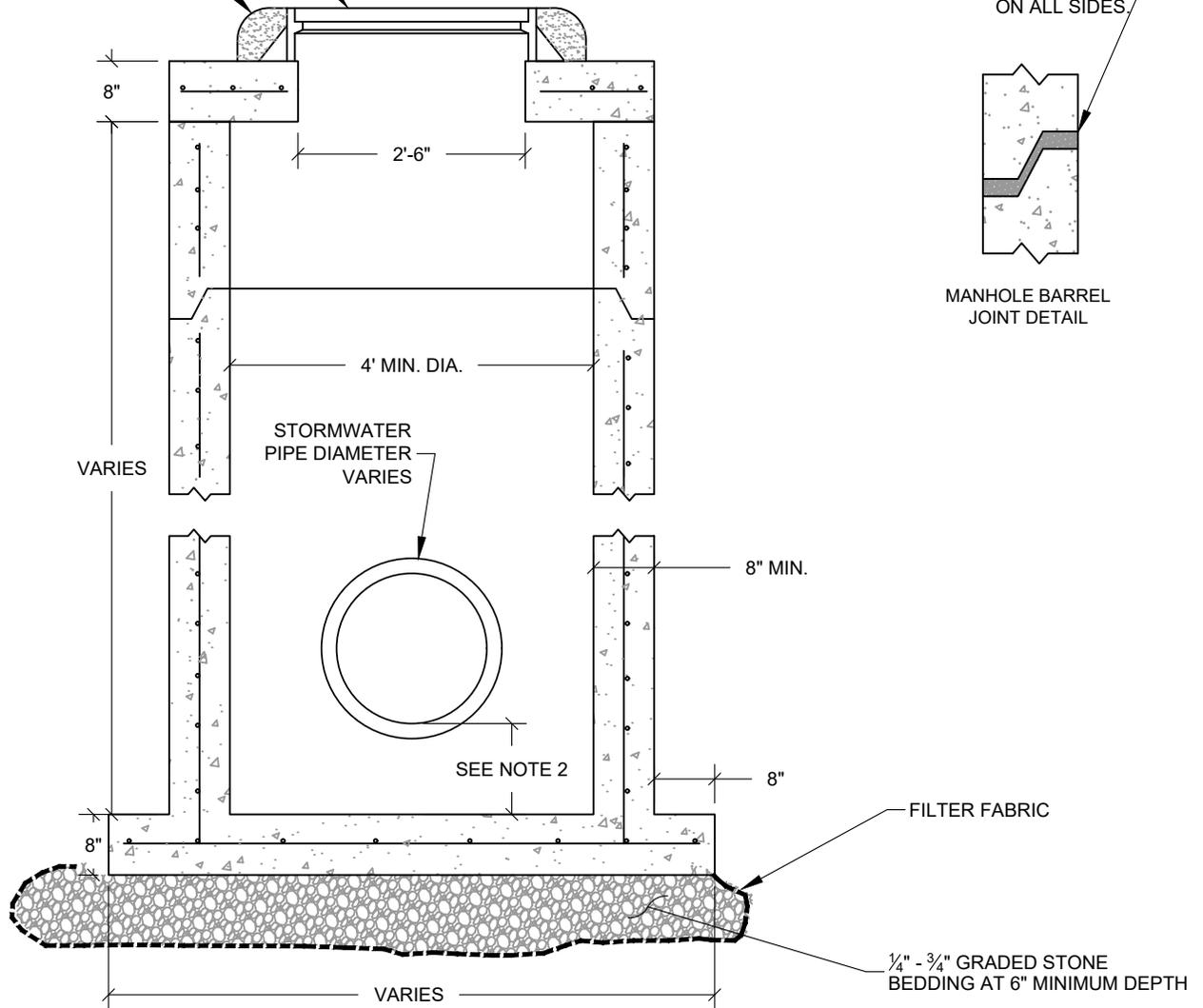


SEE DRAWING SW-5  
FOR RING AND COVER  
REQUIREMENTS

GROUT

USE RAM-NEK, KENT SEAL, OR  
APPROVED EQUAL BITUMASTIC JOINT  
SEAL. ALL JOINTS SHALL BE COATED  
WITH 1/2" PORTLAND TYPE II CEMENT  
ON ALL SIDES.



MANHOLE BARREL  
JOINT DETAIL

FILTER FABRIC

1/4" - 3/4" GRADED STONE  
BEDDING AT 6" MINIMUM DEPTH

NOT TO SCALE

NOTES

1. MANHOLES SHALL CONFORM TO ASTM C478 (F<sub>c</sub>=4,000 PSI CONCRETE).
2. PIPE PENETRATIONS ON NEW STRUCTURES SHALL BE CAST AT A MINIMUM OF 12 INCHES ABOVE THE MANHOLE BOTTOM. OPENINGS REQUIRED ON EXISTING MANHOLES SHALL BE CORED WITH APPROVED CORING EQUIPMENT.
3. ANNULUS AREA BETWEEN PIPE AND MANHOLE SHALL BE COMPLETELY FILLED WITH CLAY BRICK AND TYPE II PORTLAND CEMENT.
4. MANHOLE BASE AND WALL SHALL BE A MINIMUM OF 8 INCHES THICK CONCRETE WITH #5 RE-BAR AT 12" O.C.E.W. BASE WALLS SHALL BE CAST WITH THE BOTTOM SLAB.
5. REFER TO FDOT SPECIFICATIONS FOR ROADWAY AND TRAFFIC DESIGN, LATEST EDITION FOR ADDITIONAL MANHOLE DESIGN INFORMATION.
6. INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

NOT TO SCALE

STORM SEWER PRECAST MANHOLE

**JUPITER UTILITIES**  
CONSTRUCTION STANDARDS AND DETAILS

DATE APPROVED:  
10/2013  
DRAWING No.  
SW-1