

SLAB ON 48" RISER TO HAVE 36" OPENING AND BE 9" THICK. STEEL TO BE SAME AS MIDDLE SLAB.

STANDARD WATERTIGHT MANHOLE FRAME AND COVER SEE DETAILS S3.01, S3.02 OR STANDARD TRAFFIC FRAME & COVER-SEE DETAIL S3.00)

SEE DETAIL S3.01 FOR TRANSITION REQUIREMENTS

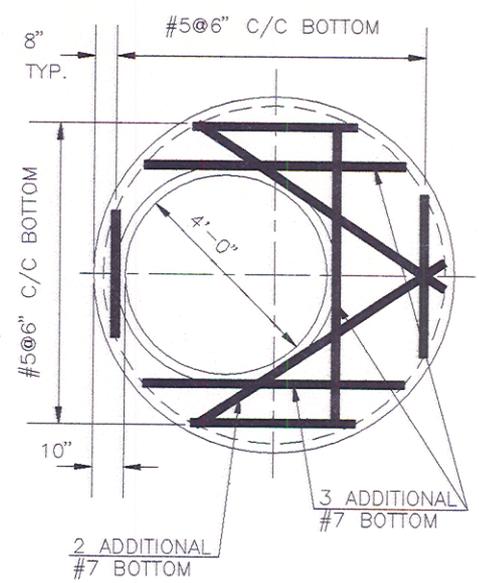
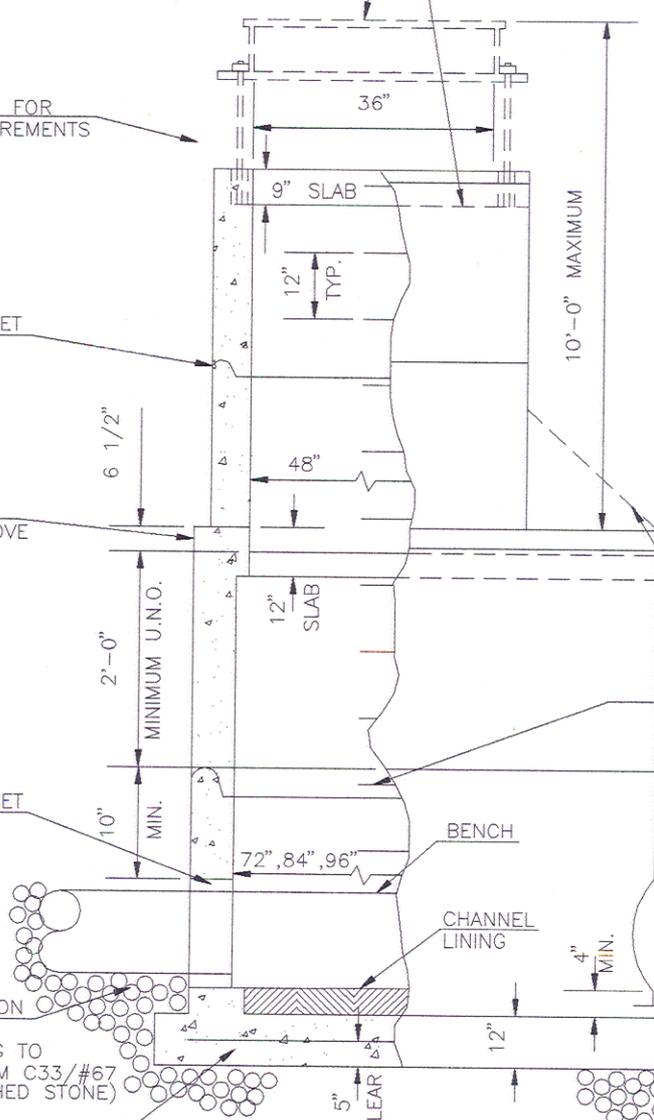
FLEXIBLE GASKET JOINTS

MIDDLE SLAB SEE PLAN ABOVE FOR DESIGN

FLEXIBLE GASKET CONNECTOR

BACKFILL EXCAVATION BELOW PIPE WITH GRANULAR BEDDING TO TOP OF PIPE (ASTM C33/#67 CRUSHED OR WASHED STONE)

PRECAST BASE REINFORCED W/#6 @12" C/C EACH WAY



- NOTES: MIDDLE SLAB
1. SLAB THICKNESS 12"
 2. REINFORCING STEEL SHALL HAVE MINIMUM 1 1/2" COVER.
 3. WHEN DEPTH OF 48" RISER EXCEEDS 10'-0" SPECIAL DESIGN OF MIDDLE SLAB REQUIRED.

PLAN VIEW - MIDDLE SLAB

CONE TRANSITION MAY BE USED IN LIEU OF 12" SLAB

TYPICAL MANHOLE STEPS SEE DETAIL S1.00

MANHOLE BASE TO BE BEDDED IN 6" MINIMUM GRANULAR BEDDING ON FIRM SUBGRADE (ASTM C33/NO.67 CRUSHED OR WASHED STONE)

- NOTES: MANHOLE
1. SHALLOW MANHOLE IS WITHOUT 48" RISER. SLAB TO BE SAME AS MIDDLE SLAB EXCEPT FOR 36" OPENING.
 2. NOTES (1) THROUGH (5) ON S1.00 APPLY TO THIS DETAIL.

CHARLES COUNTY GOVERNMENT
 DEPARTMENT OF PLANNING & GROWTH MANAGEMENT
 APPROVED: *[Signature]* 6/29/95
 DIRECTOR OF DEVELOPMENT SERVICES DATE
[Signature] 6/29/95
 WATER / SEWER ENGINEER DATE

STANDARD DETAIL
 PRECAST CONCRETE
 MANHOLE DETAIL
 72", 84", 96" DIAMETER

REVISIONS:

S
 1.02