

SUBURBAN MANHOLE COVER AND FRAME. SEE STD DWG 00400-22

MANHOLE FRAME AND RINGS SHALL BE SEALED WITH PRE-FORMED PLASTIC OR RUBBER GASKET TO FORM A WATERTIGHT SEAL. FOR A STORM SYSTEM MANHOLE, NON SHRINK GROUT MAY BE USED.

PRECAST RISER RINGS

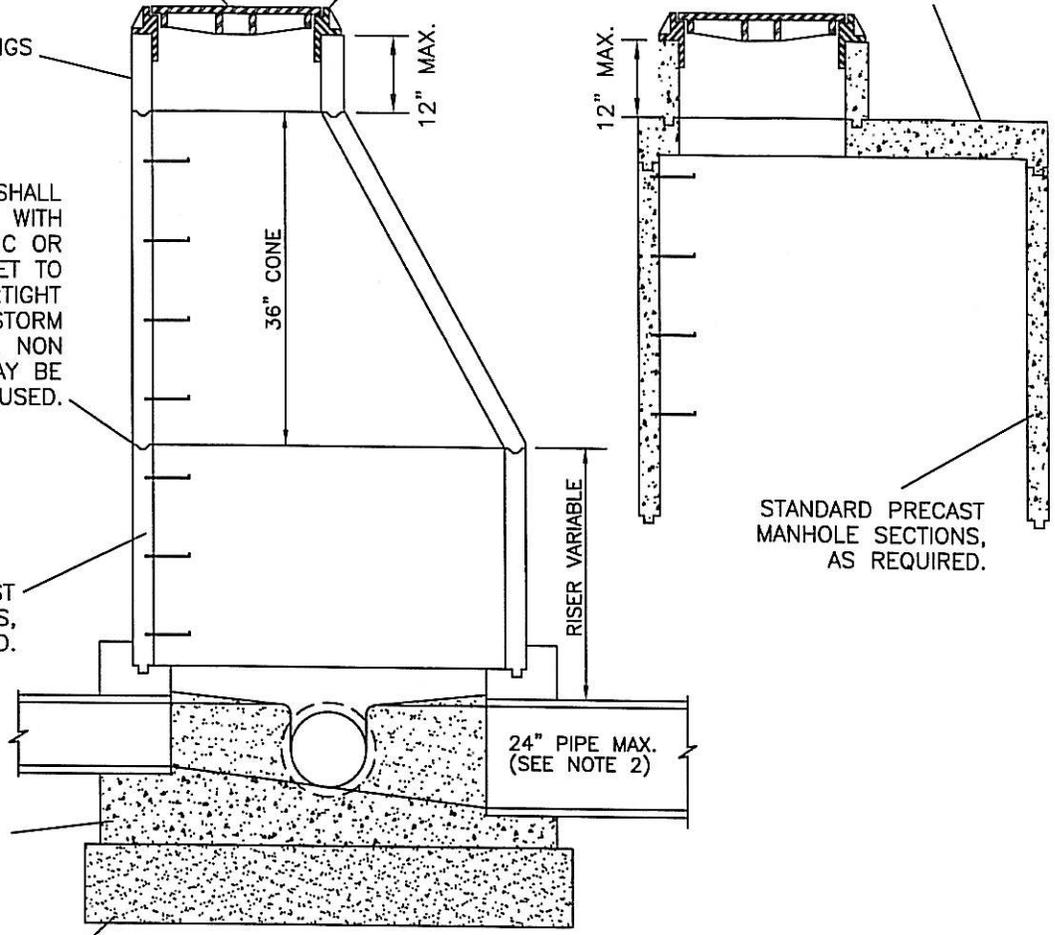
OPTIONAL FLAT-TOP

ALL RISER JOINTS SHALL BE SEALED WITH PREFORMED PLASTIC OR RUBBER GASKET TO FORM A WATERTIGHT SEAL. FOR A STORM SYSTEM MANHOLE, NON SHRINK GROUT MAY BE USED.

STANDARD PRECAST MANHOLE SECTIONS, AS REQUIRED.

MANHOLE BASE. SEE STD DWG 00400-18

BASE ROCK



**NOTES:**

1. STANDARD PRECAST MANHOLE SECTION DIAMETER SHALL BE 48".
2. SEE LARGE MANHOLE DETAIL FOR PIPE SIZES GREATER THAN 24".
3. REPLACE CONE WITH 8" FLAT TOP SLAB WHEN MANHOLE DEPTH REQUIRES.
4. NEOPRENE COATED MANHOLE STEPS WITH REFLECTORS SHALL BE PROVIDED IN MANHOLES EXCEEDING 3 FEET IN DEPTH.
4. ROTATE CONE, OR SLAB, TO POSITION MANHOLE COVER AND FRAME OUT OF WHEEL PATH. WHEN MANHOLE IS NOT LOCATED IN A TRAFFIC AREA, POSITION THE COVER AND FRAME OVER A FLOW CHANNEL BENCH.

**CITY of LEBANON SUPPLEMENTAL DRAWING**

APPROVED

CITY ENGINEER

*Dan J. H. H. H.*

**MANHOLE  
RISERS & TOPS**

DATE:  
Jan. 2009

DRAWING NO:  
00400-17

