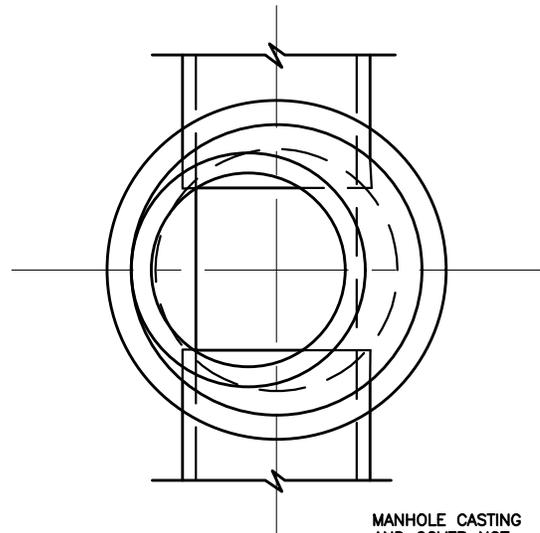
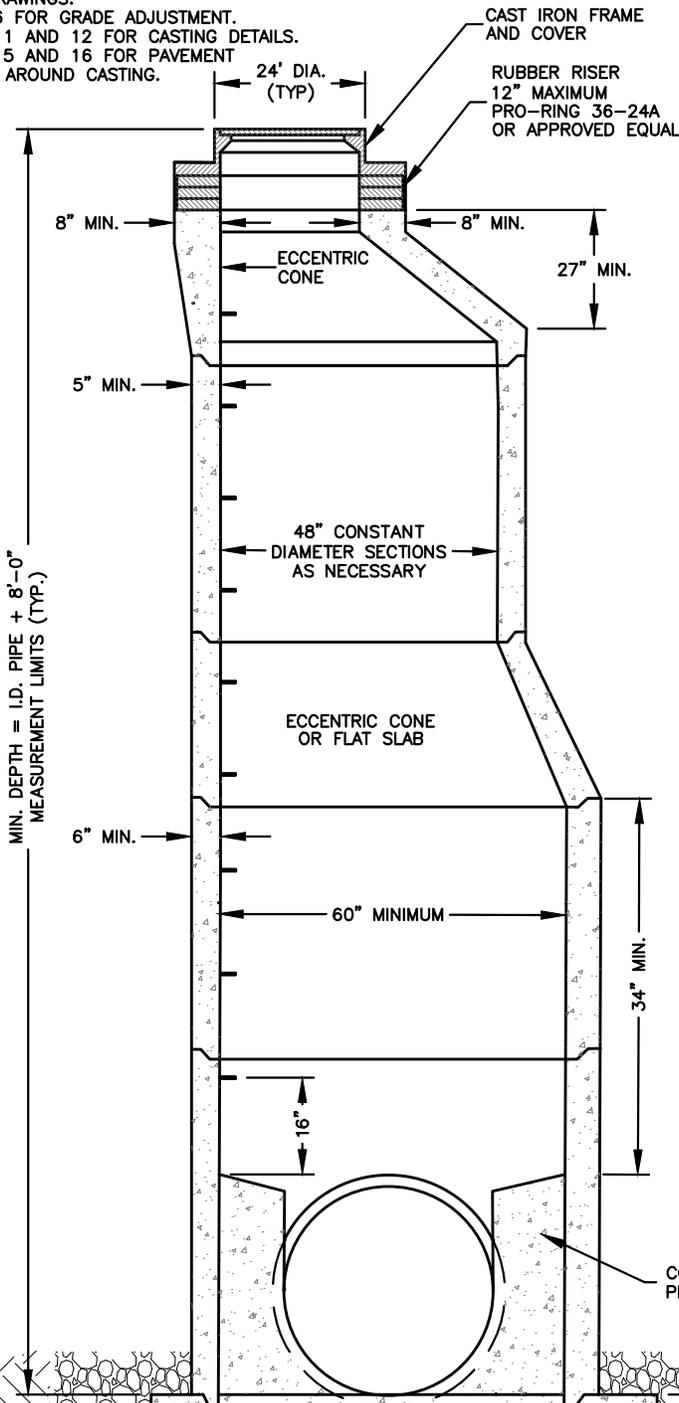


SEE DRAWINGS:
 NO. 16 FOR GRADE ADJUSTMENT.
 NOS. 11 AND 12 FOR CASTING DETAILS.
 NOS. 15 AND 16 FOR PAVEMENT
 DETAIL AROUND CASTING.



PLAN

MANHOLE CASTING
 AND COVER NOT
 SHOWN

NOTES:

1. PRECAST MANHOLE SECTIONS SHALL MEET ASTM C478. MANHOLE JOINTS SHALL UTILIZE BUTYL RUBBER SEALANT, 2 PIECES ALL AROUND OR O-RING GASKETS (ASTM C443). A MINIMUM 6-INCH WIDE BUTYL RUBBER SEAL SHALL BE INSTALLED ON ALL BELOW GRADE EXTERIOR JOINTS.
2. MANHOLE STEPS SHALL BE M.A. IND. PS-1-PF REINFORCED PLASTIC STEPS OR APPROVED EQUAL.
3. FOR PIPE CONNECTIONS USE ASTM C-923 FLEXIBLE GASKET SUCH AS A-LOK, DURA SEAL III, KOR-N-SEAL OR APPROVED EQUAL.
4. TAR STRIPS SHALL BE USED AT ALL JOINTS. THE CONTRACTOR SHALL APPLY TAR OVER THE CEMENT PARGING ON THE OUTSIDE OF THE ADJUSTMENT RINGS AND OVER THE MANHOLE CASTING EXTERIOR.
5. RIM/LID FLUSH WITH GROUND IF IN ROADWAY/LANDSCAPE AREA, MINIMUM OF 2' ABOVE GRADE OTHERWISE.
6. EXTEND BASE 8" FOR 5' DIA. MANHOLE, MONOLITHICALLY CAST WITH BASE SECTION. EXTENDED BASE REQUIRED FOR MANHOLES GREATER THAN 8' DEEP AND WITHIN THE 500 YEAR FLOODPLAIN.

SEE NOTE #6. BASE EXTENSION

SECTION

CONCRETE WITH STEEL TROWEL FINISH OR
 PRECAST INVERT CHANNELS AND BENCH

6" MIN. PIPE
 EMBEDMENT MATERIAL

UNDISTURBED EARTH

DATE: 09/23/2020 SS-D DWG. NO. 7

SCALE: NOT TO SCALE

City of Hendersonville Engineering Department
 305 Williams Street
 Hendersonville, NC 28792
 (828) 697-3000 (office)

www.cityofhendersonville.org

**PRECAST MANHOLE
 FIVE FOOT DIAMETER**

