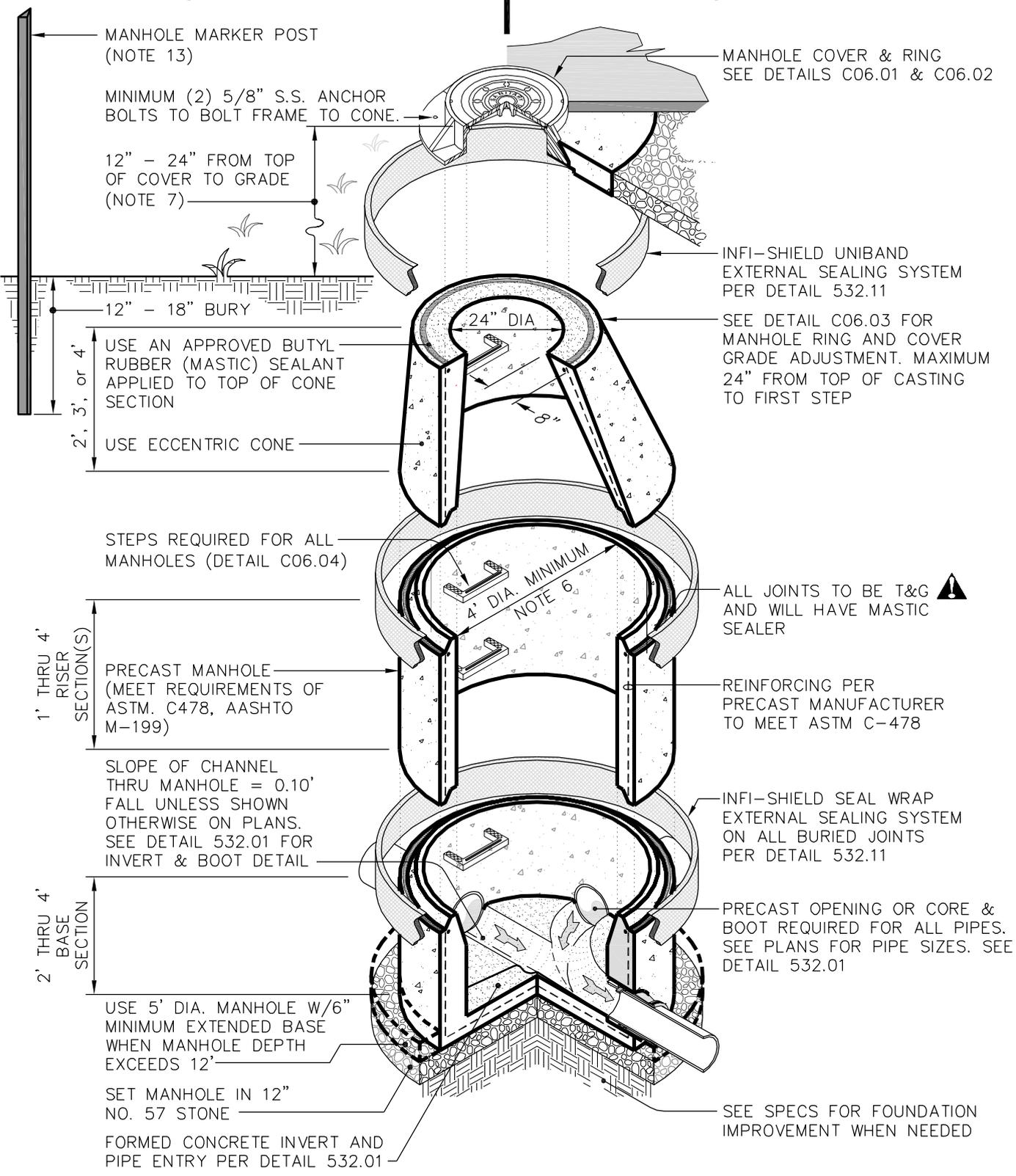


FIELD & WOODS APPLICATION | **STREET APPLICATION**



TOWN of CLAYTON

USE WITH THE TOWN of CLAYTON STANDARD SPECIFICATIONS ONLY

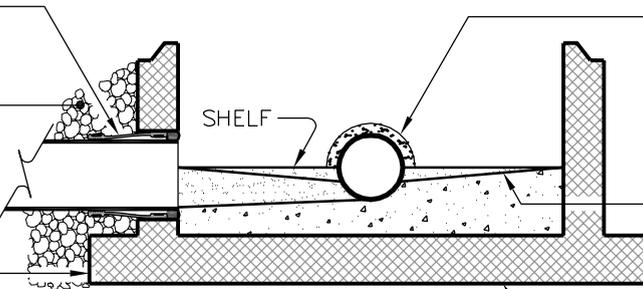
STANDARD ECCENTRIC PRECAST MANHOLE DETAIL

SCALE: Not To Scale	DETAIL # 2 532.03
REVISION DATE: July, 2010	SHEET #: 1 of 2

FLEXIBLE RUBBER BOOT
ASTM C923 W/STAINLESS
STEEL COMPRESSION
BAND AND CLAMPS.
SEE DETAIL 532.01

PLACE COMPACTED
No. 57 STONE
AROUND ALL BOOTS

USE 5' DIA. MANHOLE
WITH 6" MINIMUM
EXTENDED BASE WHEN
MANHOLE DEPTH
EXCEEDS 12'



PLACE NON-SHRINK
GROUT AROUND ALL
OPENINGS

1/2" / FT SLOPE

MOORBASE NOT PERMITTED

NOTES:

1. Concrete strength to be 3,000 PSI minimum.
2. Pipes will be grouted inside.
3. Flexible sleeve boots cast in place or installed with stainless steel expander rings. Boots to meet ASTM C-923 standards.
4. See detail 532.01 for typical invert shaping.
5. Service laterals into existing manholes to be core drilled and booted.
6. Maximum depth 4' diameter manhole = 12' (see sewer design section for other requirements / limitations).
7. If height above grade exceeds 24", use eccentric flat top.
8. For watertight applications, place butyl rubber between frame and cone with water tight ring & cover.
9. For pipe connections 12" and larger, 2 sets of bands shall be required.
10. Lubricate the following: Pipe exterior, boot interior, boot exterior, S.S. bands (Top & bottom)
11. Place manhole opening over the effluent line.
12. Manholes subject to flooding shall have the top of the manhole rim a minimum of 12" above the 100 Yr. BFE or vented every 3rd manhole, but not exceeding 1,000 LF between vents. Vents shall be placed a minimum of 12" above the 100 Yr. BFE. See detail 532.10.
13. Manhole marker post to be installed by contractor over line. (Marker furnished by Town.)



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**STANDARD ECCENTRIC
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