



NOTES:

1. Concrete strength to be 4,000 PSI minimum.
2. Pipes will be grouted inside and out.
3. Flexible sleeve boots cast in place or installed with stainless steel expander rings. Boots to meet ASTM C-923 standards.
4. See detail 4.06 for invert shaping.
5. All service laterals into manhole to be core drilled and booted.
6. Maximum depth 4' diameter manhole = 20' (see sewer design section for other requirements / limitations).
7. When directed by the engineer, place manhole insert such as "no-flow/inflow" insert or "rainstopper" designed by approval manufacturers.
8. For watertight applications, place butyl rubber between frame and cone. Bolt frame to cone.
9. See detail 4.08 for manhole base larger than 4' diameter.



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 USE WITH THE FAIRFAX STANDARD SPECIFICATIONS ONLY

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MANHOLE CONNECTION

SCALE:
 Not To Scale

DETAIL #
 4.04

REVISION DATE:
 February 2017

SHEET #:
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