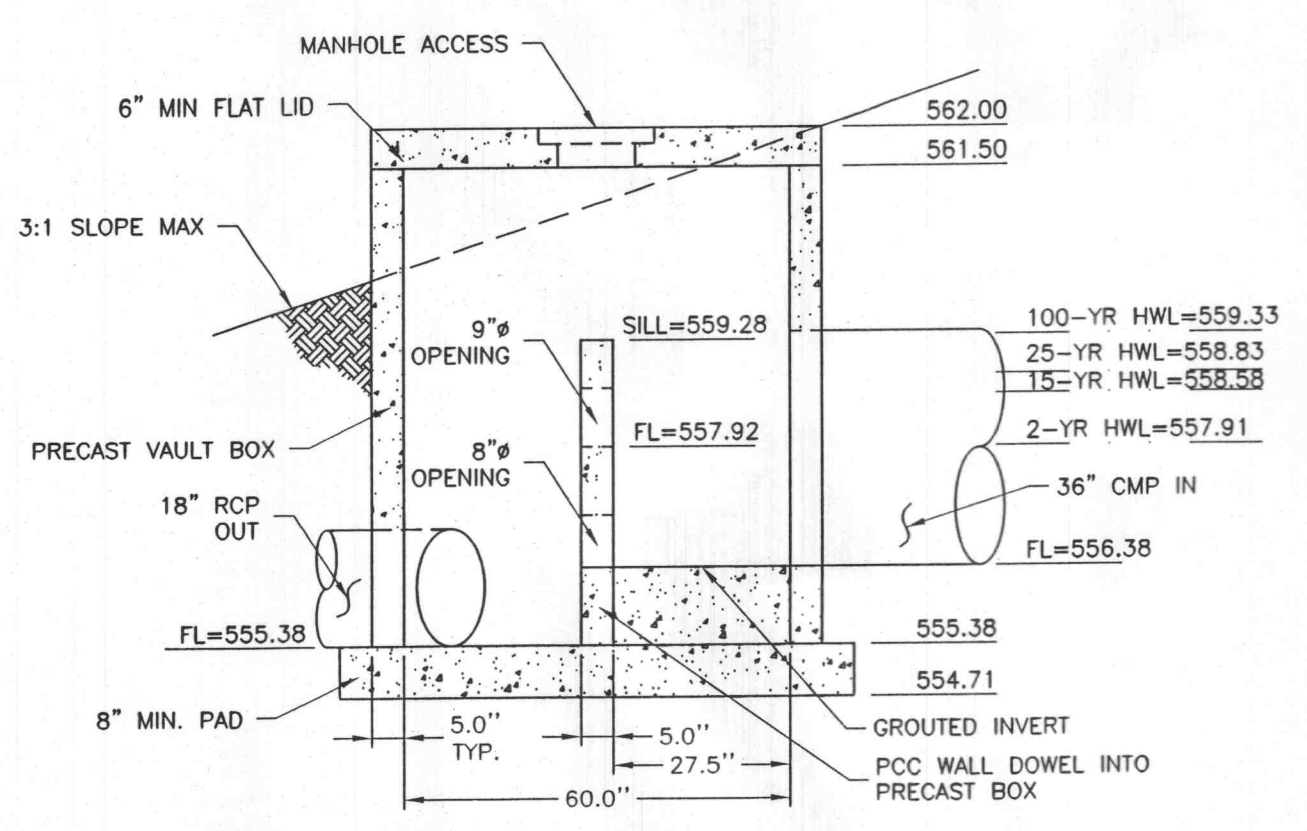
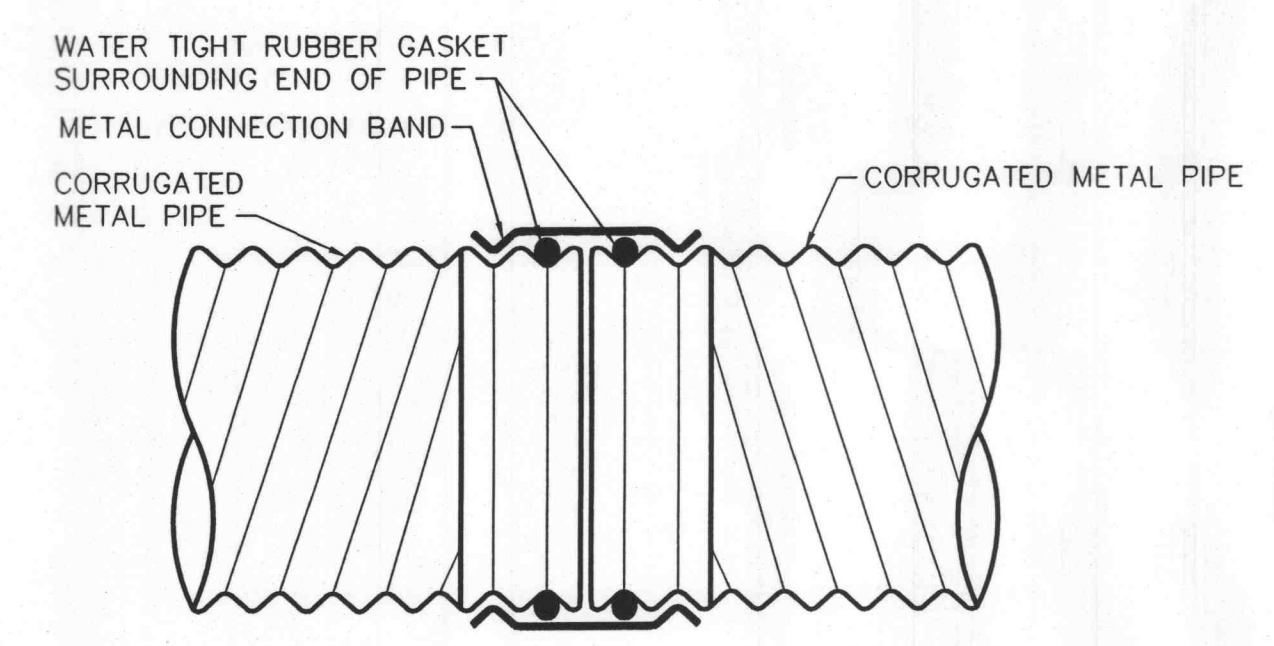


UNDERGROUND DETENTION LAYOUT
 SCALE: 1"=10'



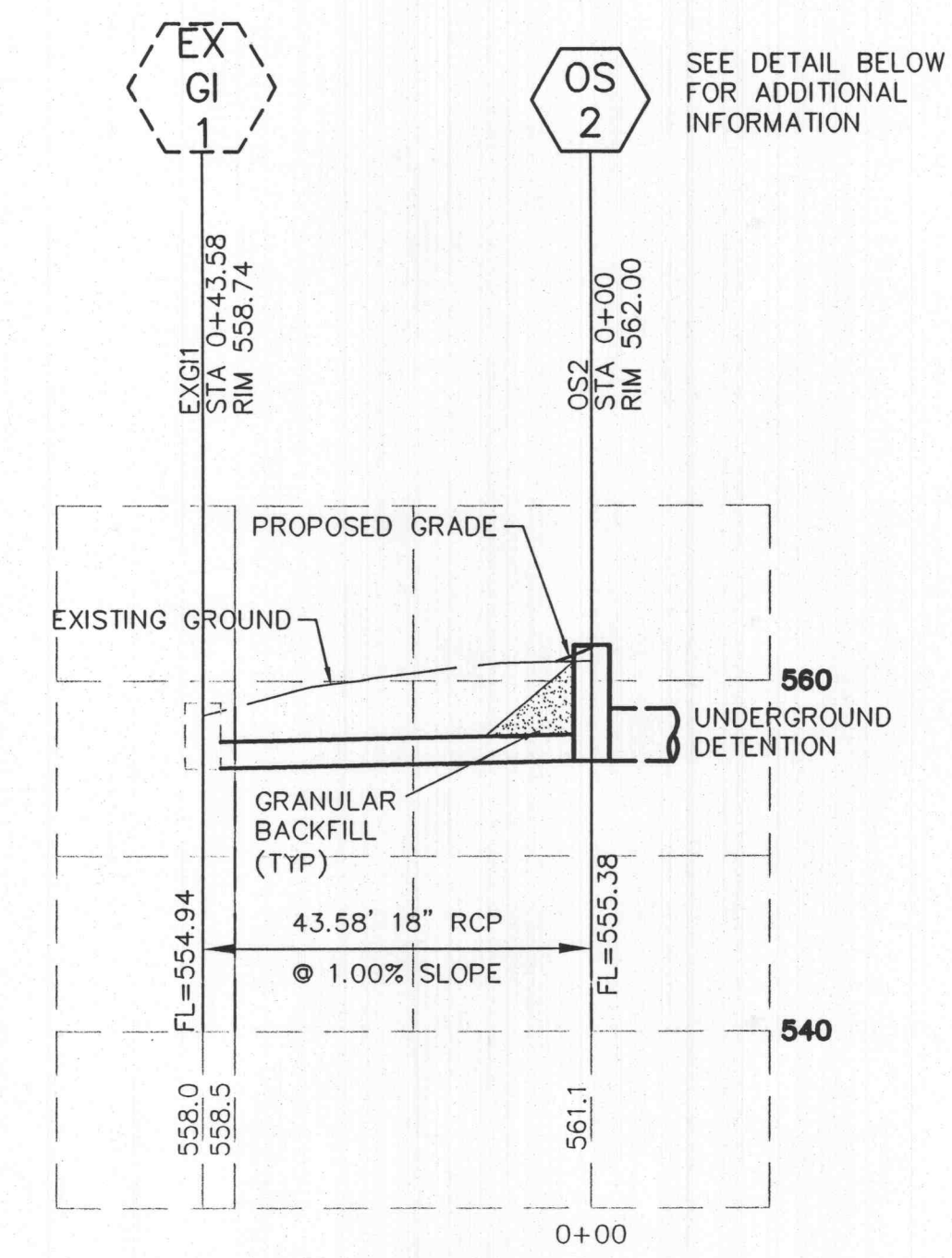
- NOTES:
1. REINFORCEMENT SHOWN THRU SHOW DRAWING SUBMITTALS.
 2. NO BRICK ALLOWED IN VAULT CONSTRUCTION.
 3. MANHOLE STEPS TO BE PROVIDED @ 16" O.C.
 4. CONTRACTOR TO PROVIDE TURNKEY INSTALLATION OF OUTFALL STRUCTURE.

OUTFALL STRUCTURE
 NOT TO SCALE
 "PRIVATE"

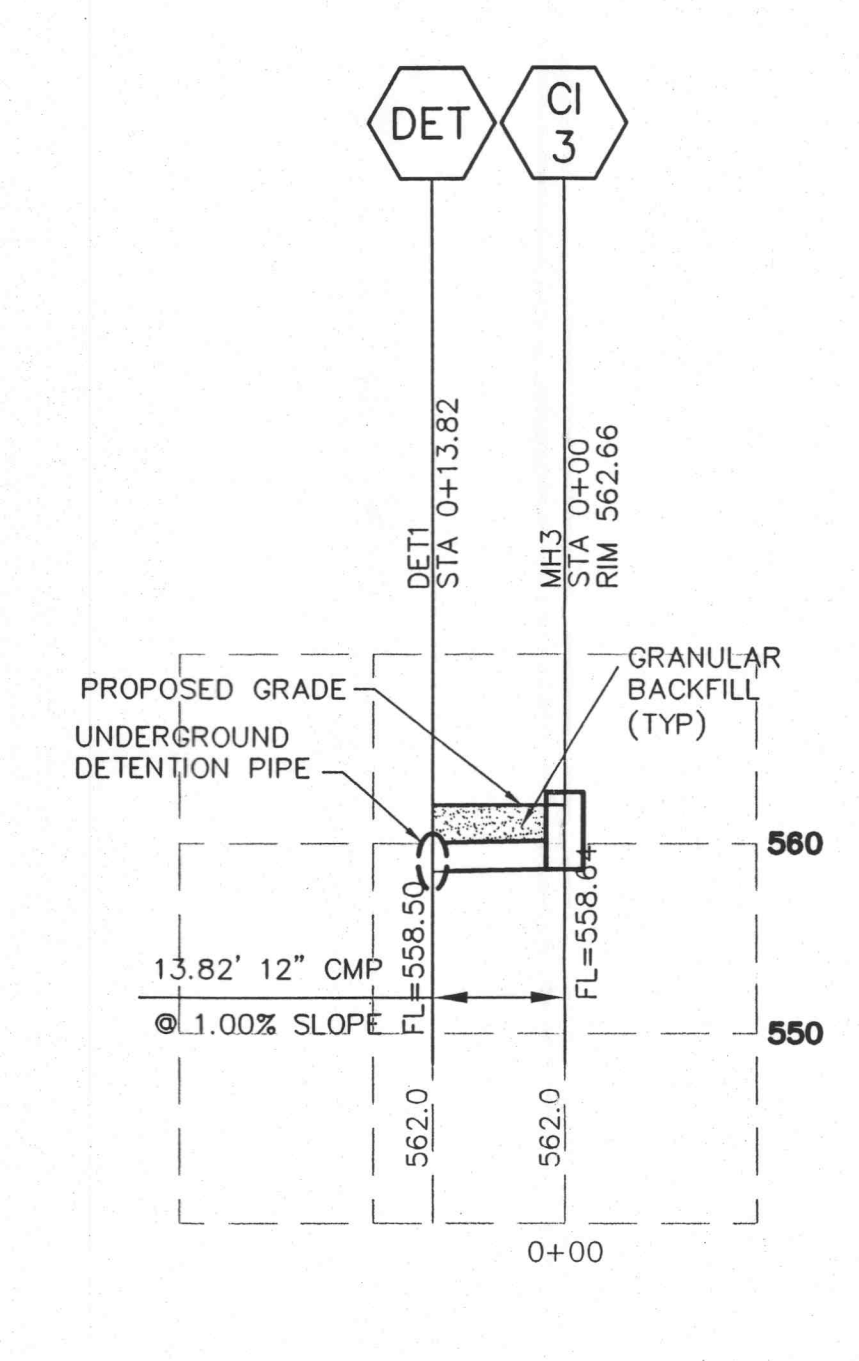


- NOTES:
1. CMP'S TO BE JOINED AND HAVE CONTINUOUS GRADE.
 2. CONNECTIONS TO BE CHECKED PRIOR TO BACKFILLING.
 3. USE SAME MANUFACTURER FOR CONNECTIONS AS PIPE SUPPLIER.
 4. USE DUCKETT CREEK PIPE BEDDING CLASS "C", DETAIL #3.

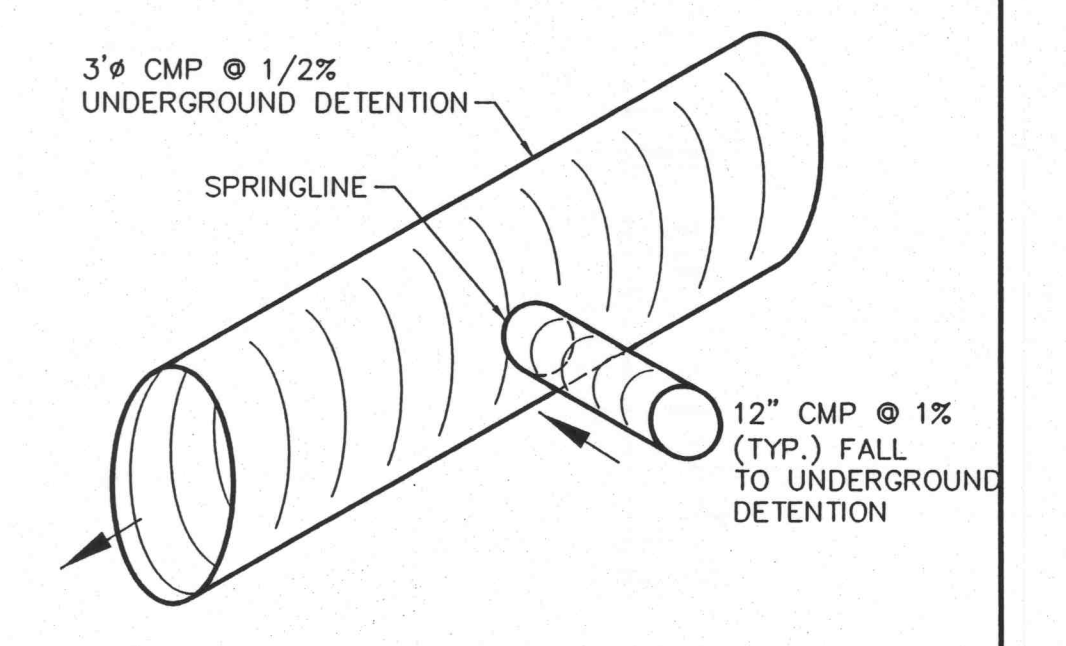
HUGGER BAND
 WITH O-RING GASKET
 NOT TO SCALE



EXIST. G1 TO OS2
 STORM SEWER PROFILE
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.
 "PRIVATE"

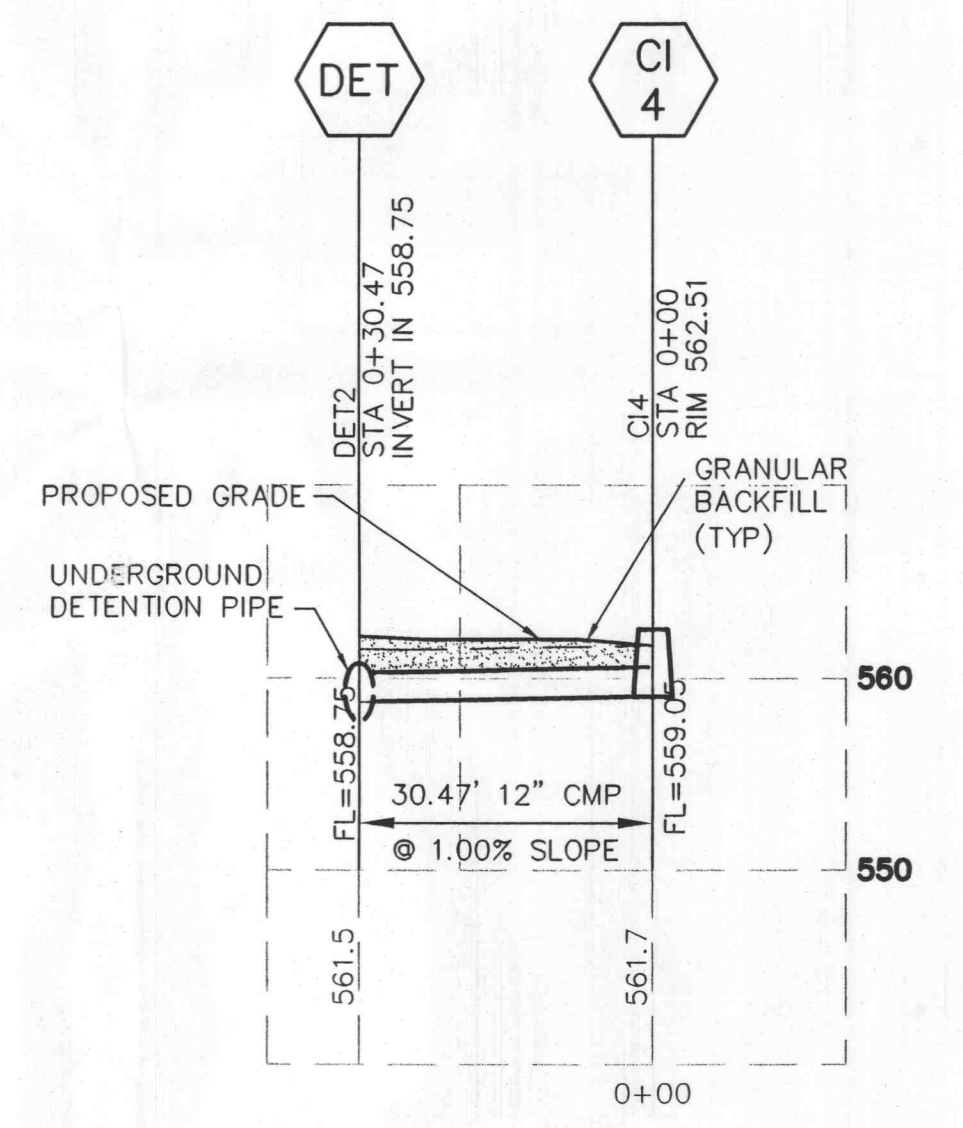


DET1 TO MH3
 STORM SEWER PROFILE
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.
 "PRIVATE"

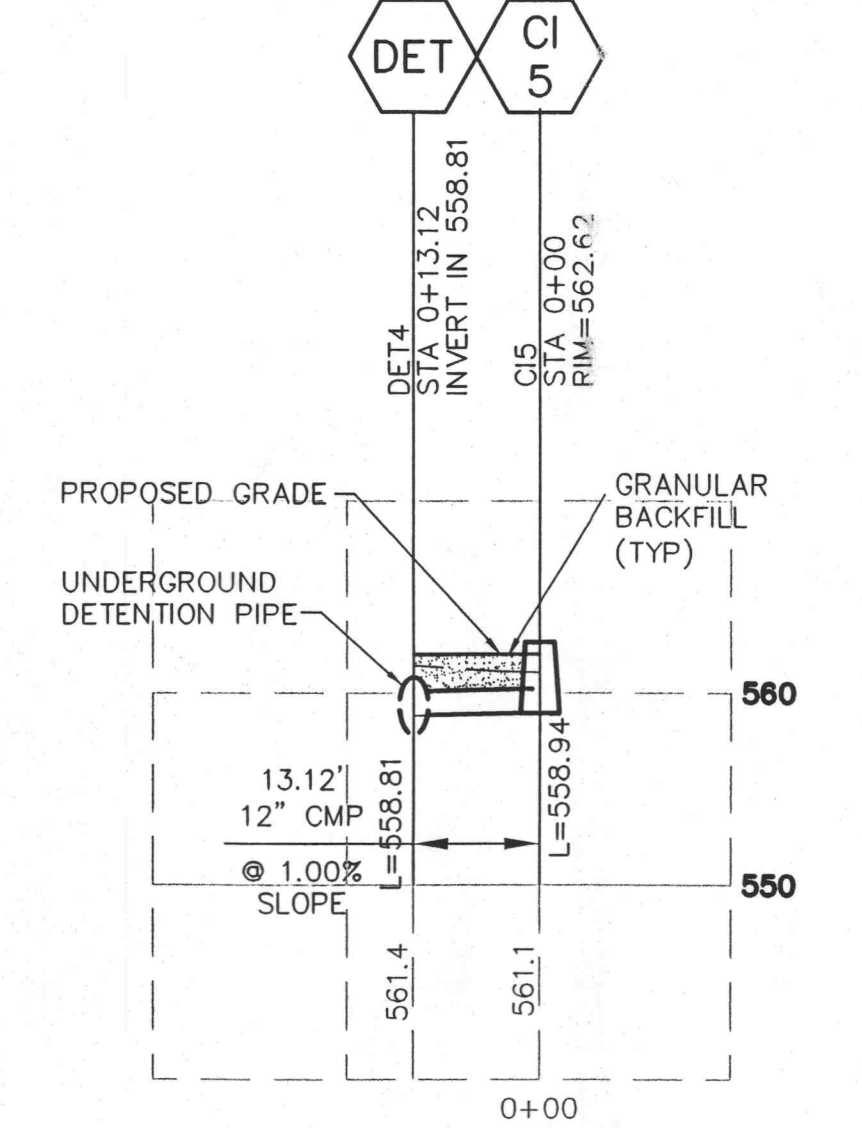


TYPICAL STORM CONNECTION
 SCALE: NOT TO SCALE

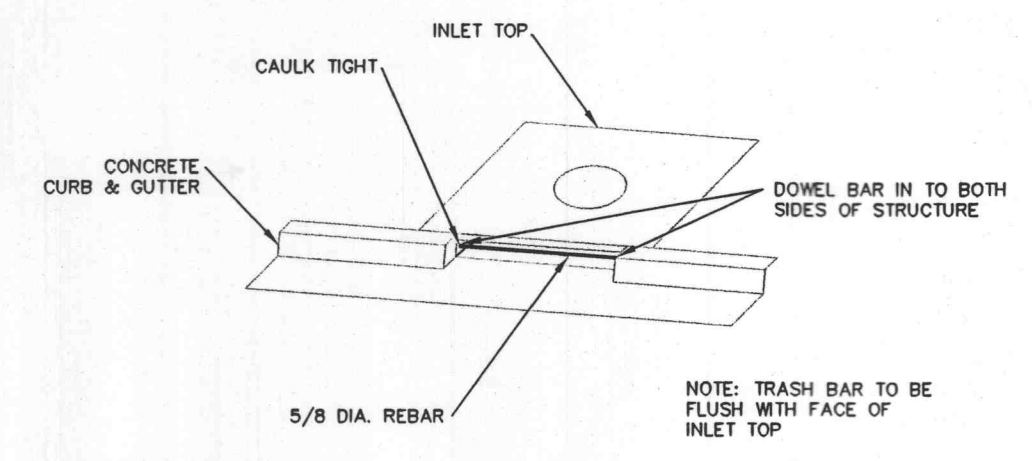
- STORM SEWER NOTES:
1. CONTRACTOR TO FOLLOW ALL STANDARDS SET FORTH BY THE CITY OF FALLON SECTION 405.230.
 2. BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF STORM SEWER STRUCTURES.
 3. PIPES WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENT SHALL EITHER BE REINFORCED CONCRETE PIPE ASTM C-76, CLASS III, A MINIMUM OF 18" RCP OR CORRUGATED STEEL C-36, 16 GAUGE ASPHALT POLYMER, OR ALUMINIZED COATING, A MINIMUM OF 18 CSP.
 4. STORM SEWER PIPES NOT LOCATED IN PUBLIC RIGHT-OF-WAY OR EASEMENT SHALL BE REINFORCED CONCRETE PIPE STORM SEWERS 18 INCHES IN DIAMETER OR SMALLER SHALL BE ASTM C-14, STORM SEWERS 21 INCHES IN DIAMETER OR LARGER SHALL BE ASTM C-76, CLASS III, ASPHALT COATED, POLYMER OR ALUMINIZED COATED CORRUGATED STEEL PIPE OR THERMOPLASTIC PIPE MAY BE SUBSTITUTED WITH APPROPRIATE SUBMITTED CALCULATIONS.
 5. ALL FLARED ENDS TO BE CONCRETE.
 6. CUTOFF WALLS TO BE 2' DEEP UPSTREAM, 3' DEEP DOWNSTREAM.
 7. ALL PIPE JOINTS TO BE GASKETED O-RING TYPE.
 8. MINIMUM OF 36" COVER OVER STORM LINES.
 9. ENSURE 0.20' DROP THROUGH ALL STRUCTURES AND MANHOLES.
 10. PROVIDE 5/8" DIA. TRASH BAR FOR ALL INLETS.



DET2 TO C14
 STORM SEWER PROFILE
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.
 "PRIVATE"



DET4 TO C15
 STORM SEWER PROFILE
 SCALE: 1"=20' HORIZ.
 1"=10' VERT.
 "PRIVATE"



TRASH BAR FOR
 CURB INLET DETAIL
 NOT TO SCALE

O'FALLON P & Z FILE NO.: (905.01)

ENGINEERS CERTIFICATION:
 The following applies to ALL sheets and documents involved in the preparation of the plans and documents for this project. The responsibility for Professional Engineering liability on this project is limited to the set of plans displaying the signature and an original stamped seal of the Engineer on each sheet. ALL responsibility is Disclaimed, until ALL review agency approvals are granted; for all other plans sheets issued prior to this issue date; for this set when another set is issued after this date; if the sheets are used individually instead of a set. This applies for ALL sheets and documents involved in this project whether this certification appears on it or not. Copyright. All Rights Reserved.

ZAVRADINOS PROFESSIONAL SERVICES, INC.

 RICHARD G. WISCHMANN, PE-2003015059 DATE 8-11-06

No.	Date	Description	By
1	7-27-06	REV PER CITY	
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Checked by:			SWP
Job Number:			04152
Sheet:			9
of:			11

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