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|----------------------|----------------------|
| DATE | SUBMITTALS/REVISIONS |
| DRAWN BY: MJS | CHECKED BY: AAP |
| DATE: SEPTEMBER 2010 | |

©: \COMMUNITY\CHSTRFD\STD_DETS\NEW DETAILS-PRELIMINARY\SANITARY_1.DWG
Model--9/1/2010 10:42:11 AM



Gordon B. Wilson
GORDON B. WILSON P.E. No. 34055

**SEWER
DEPARTMENT**

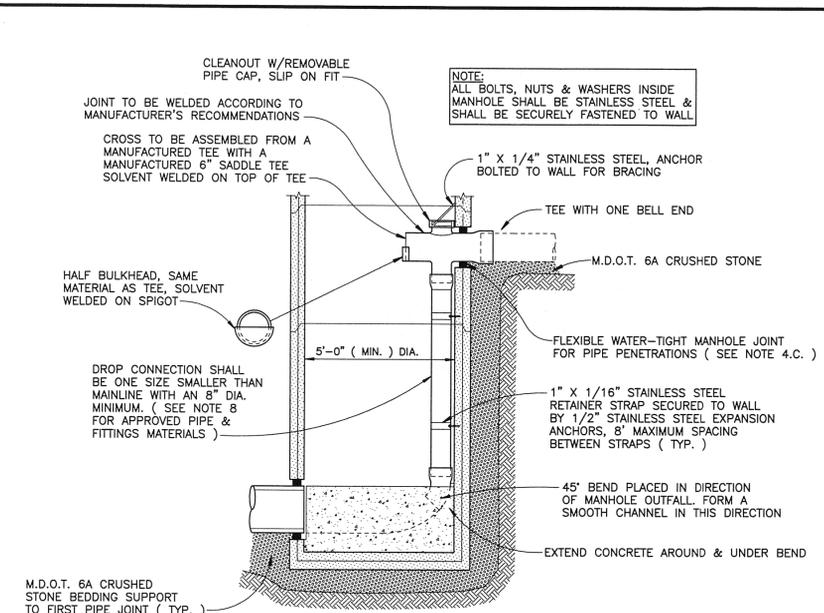
APPROVED BY: *Joseph J. Galski*
JOSEPH J. GALSKI, DIRECTOR

DATE: 9/2/2010

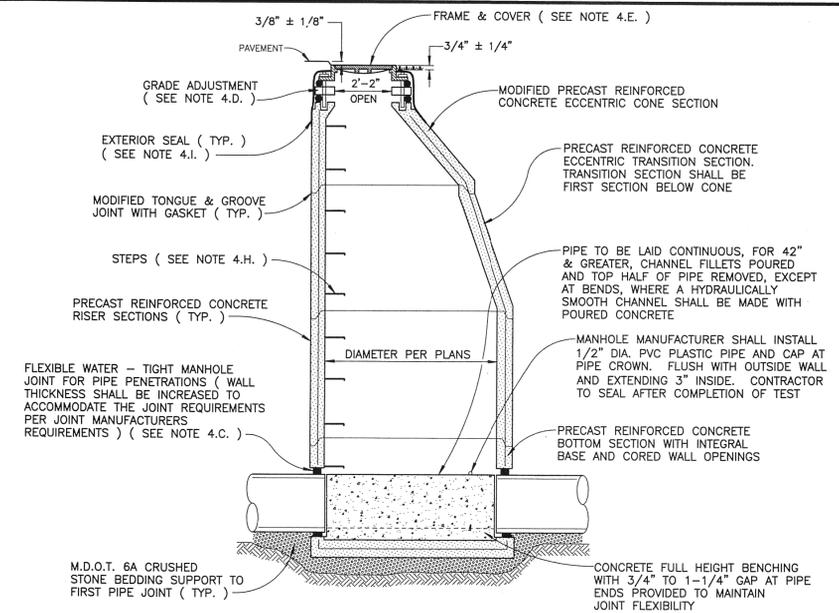
**CHARTER
TOWNSHIP OF
CHESTERFIELD**

**STANDARD
SANITARY SEWER
DETAILS
(1 OF 2)**

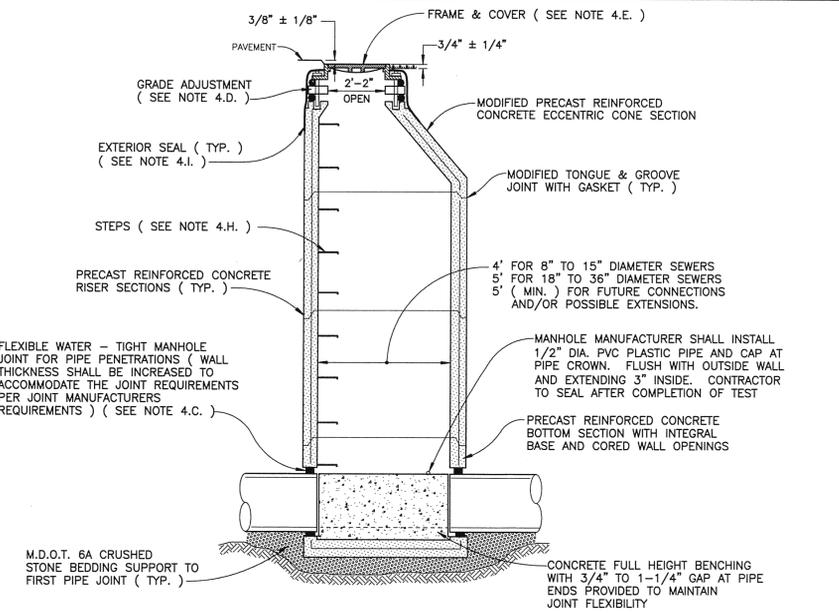
SAN1



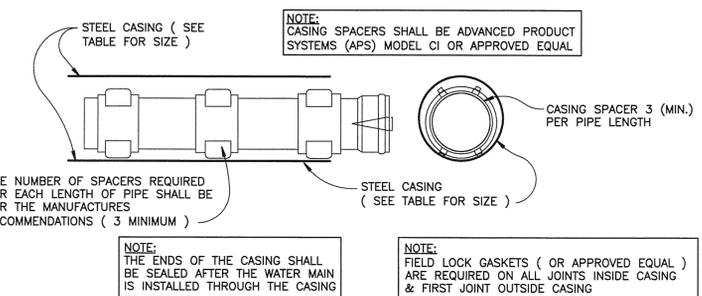
INTERIOR DROP CONNECTION
(FOR ALL DROP CONNECTIONS)



SANITARY SEWER MANHOLE
(6' DIAMETER AND LARGER)

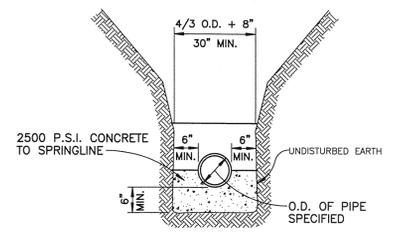


SANITARY SEWER MANHOLE
(4' AND 5' DIAMETER)

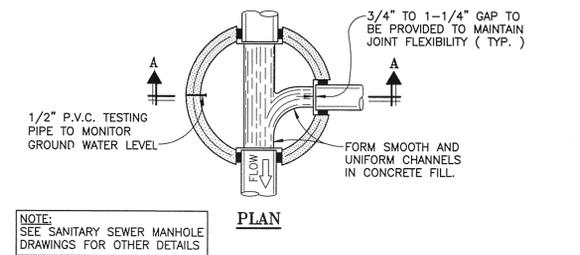


| PIPE SIZE | RECOMMENDED MINIMUM CASING DIAMETER (O.D.) | MINIMUM CASING WALL THICKNESS |
|-----------|--|-------------------------------|
| 4" | 12.75" | 0.375" |
| 6" | 14" | 0.375" |
| 8" | 16" | 0.375" |
| 12" | 20" | 0.375" |
| 16" | 24" | 0.406" |
| 24" | 36" | 0.532" |

STEEL CASING REQUIREMENTS



CONCRETE CRADLE
(ONLY WITH COMMUNITY APPROVAL)



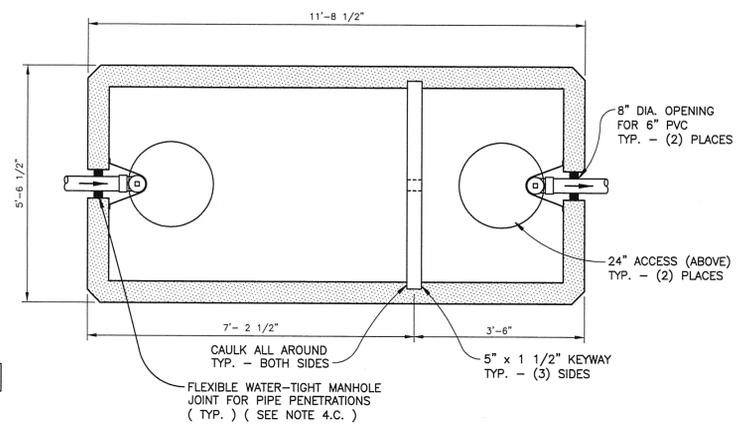
SUMP MANHOLE
(FOR TESTING, CLEANING & DEWATERING)

INTERCEPTOR/GREASE TRAP SECTIONS TO BE MANUFACTURED PER AASHTO 17TH EDITION AND ASTM SPECIFICATIONS WITH HS-25 LOADING AND 0.0' TO 3.0' OF EARTH COVER.

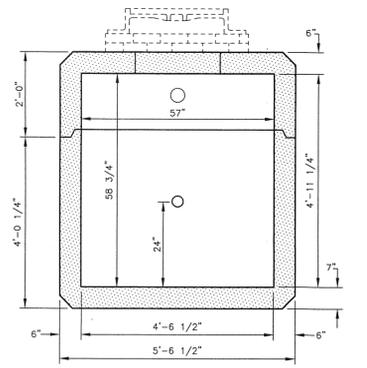
CONCRETE: 5000 psi @ 28 DAYS

REINFORCEMENT PER ASTM A-615 & A-496.

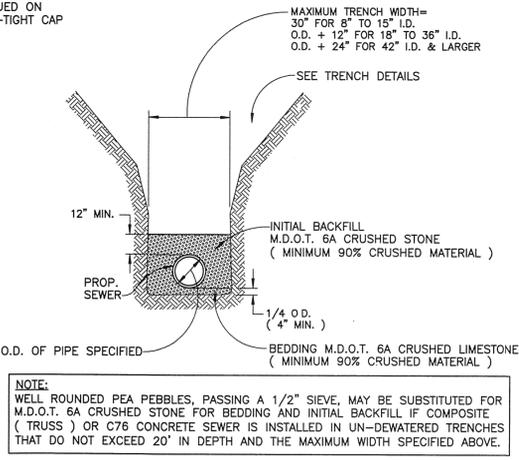
COVER TO BE SEALED WITH 1 1/2" EZ-STIK OR EQUAL LINK SEAL ON INLET & OUTLET PIPES & Baffle WALL



INTERCEPTOR/GREASE TRAP (EXTERIOR)



BEDDING DETAIL



BUILDING LEAD DETAIL

