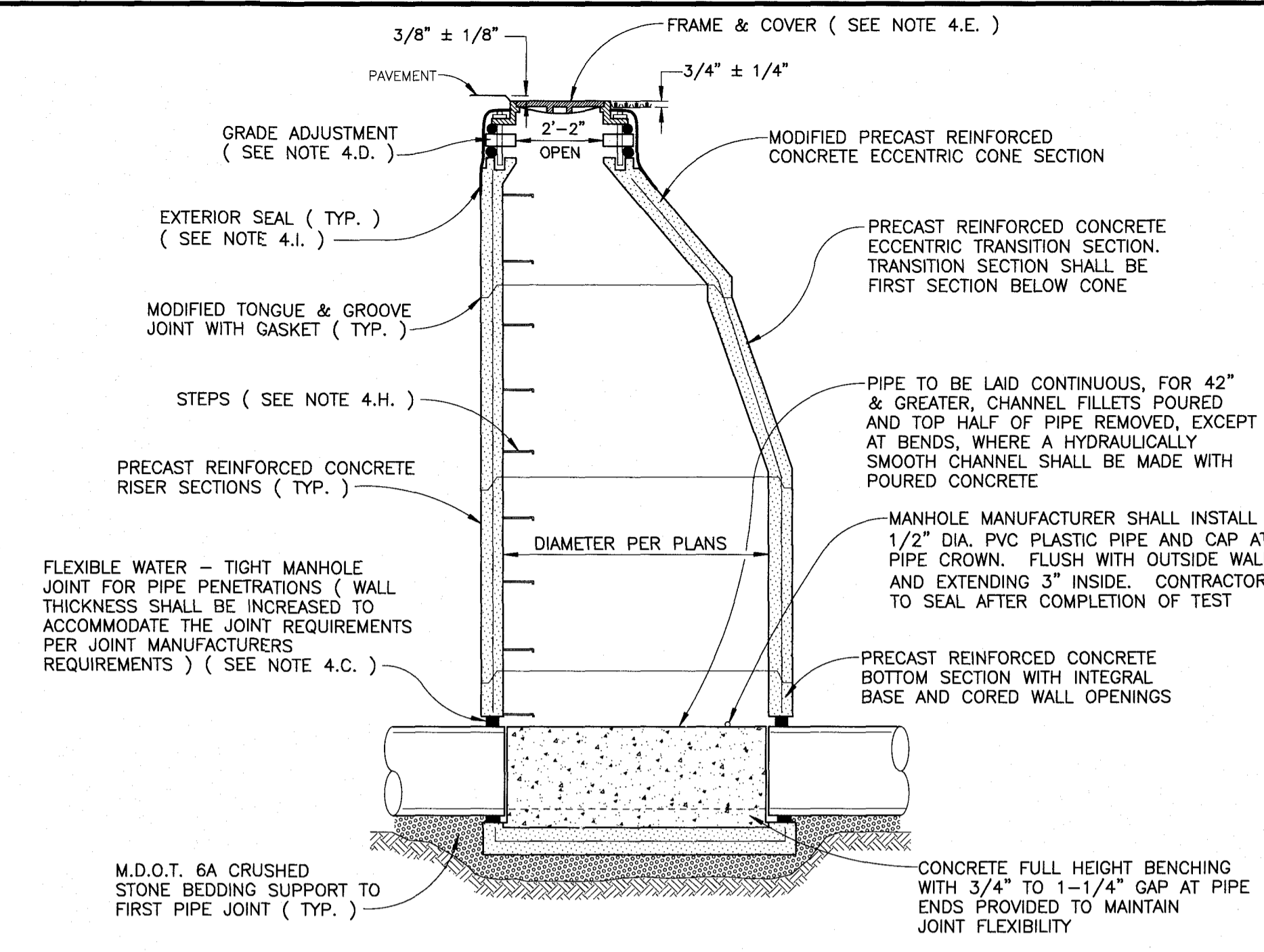
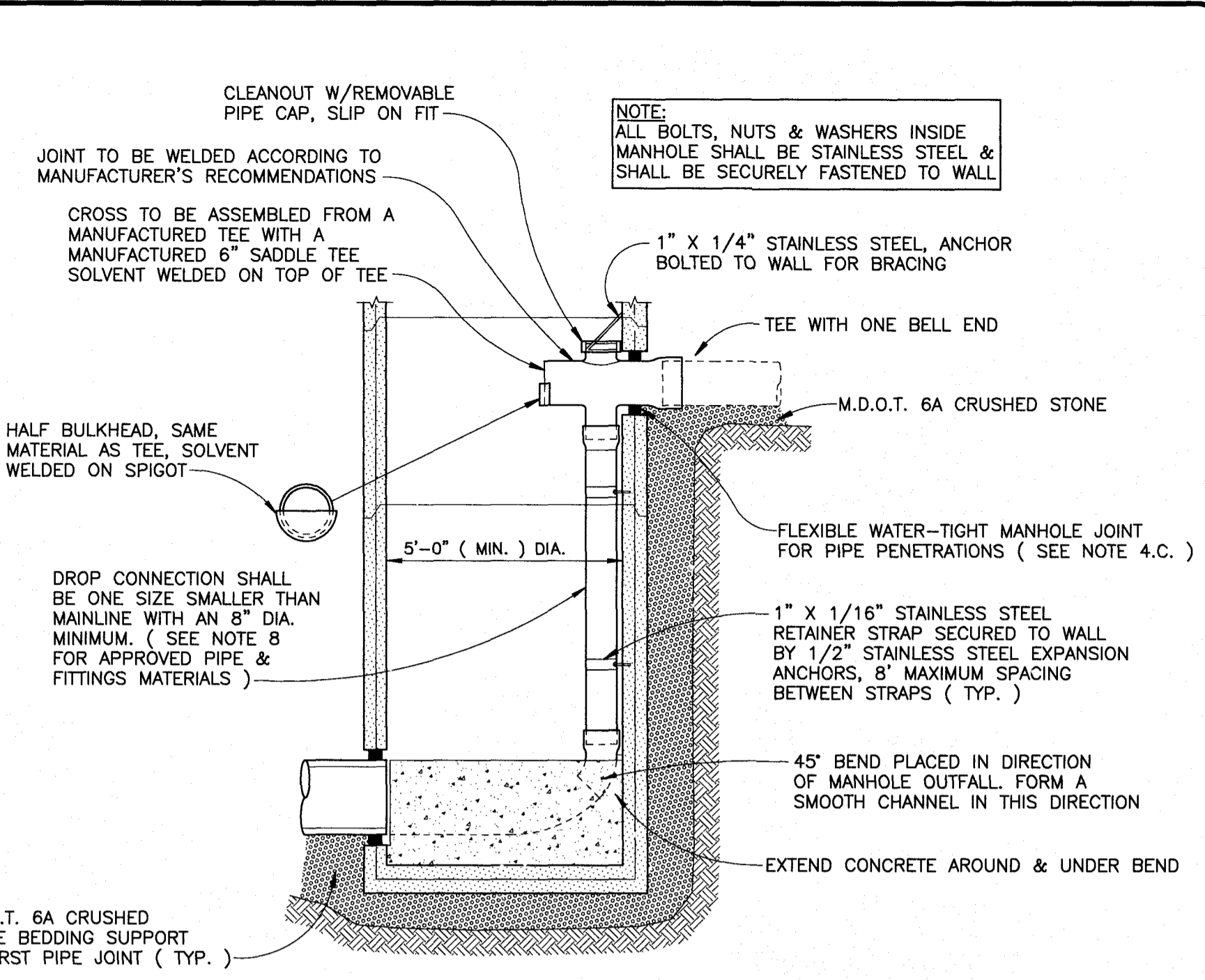


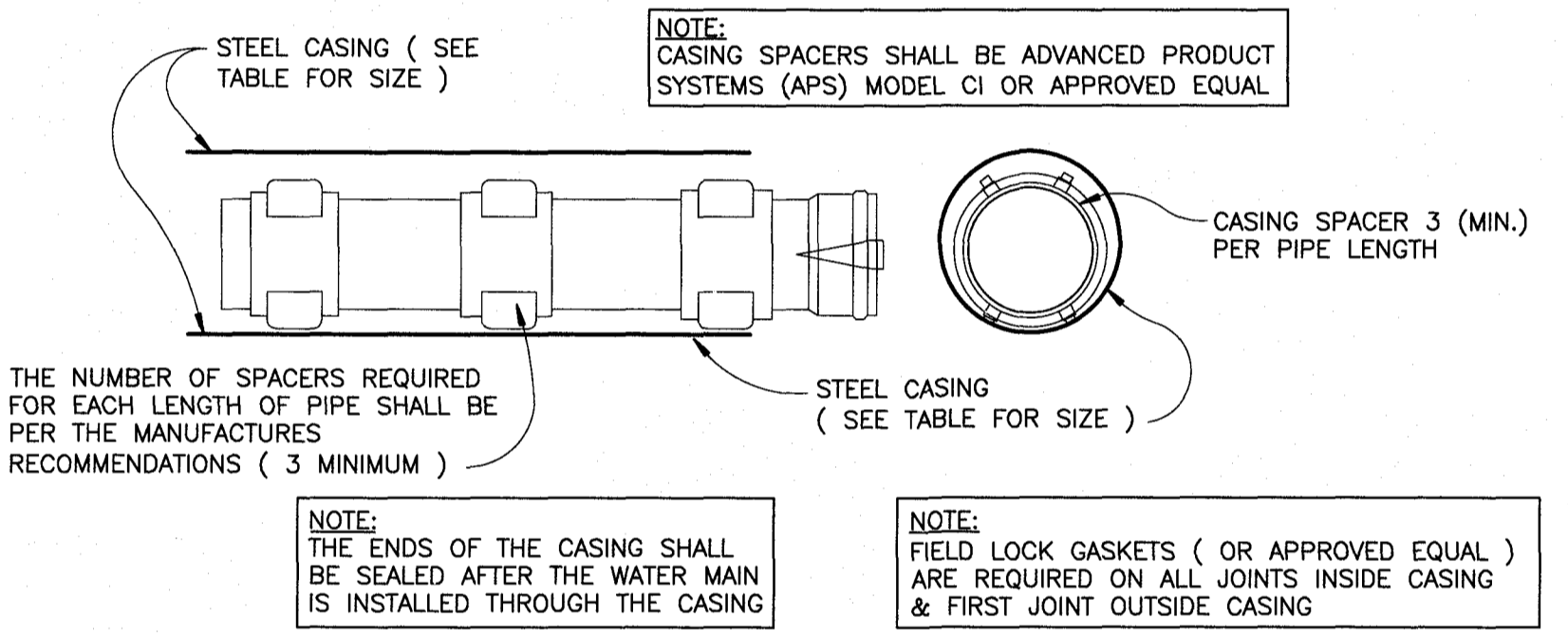
**SANITARY SEWER MANHOLE**  
NOT TO SCALE  
( 4' AND 5' DIAMETER )



**SANITARY SEWER MANHOLE**  
NOT TO SCALE  
( 6' DIAMETER AND LARGER )

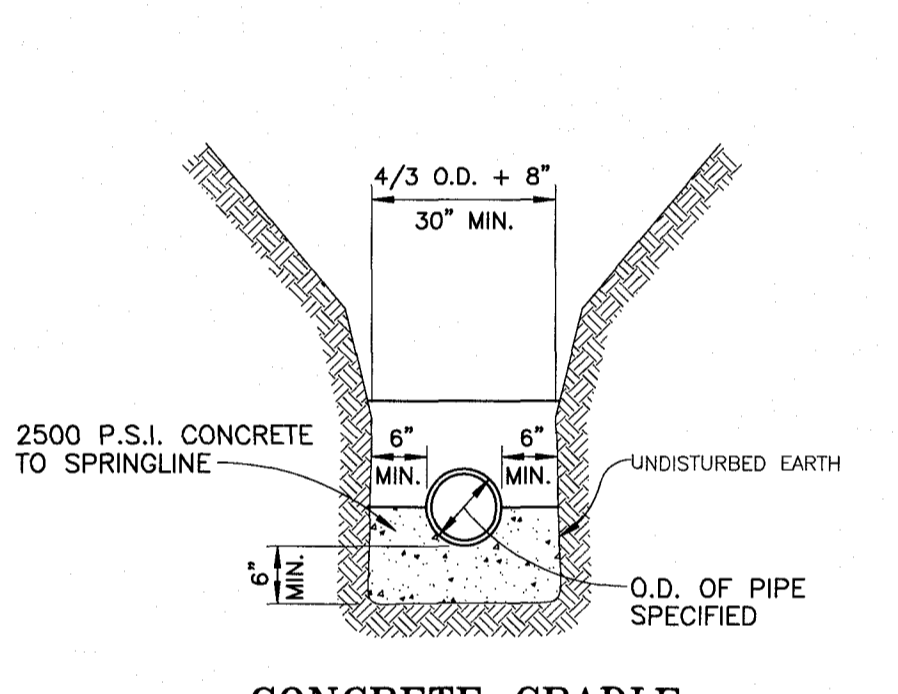


**INTERIOR DROP CONNECTION**  
NOT TO SCALE  
( FOR ALL DROP CONNECTIONS )

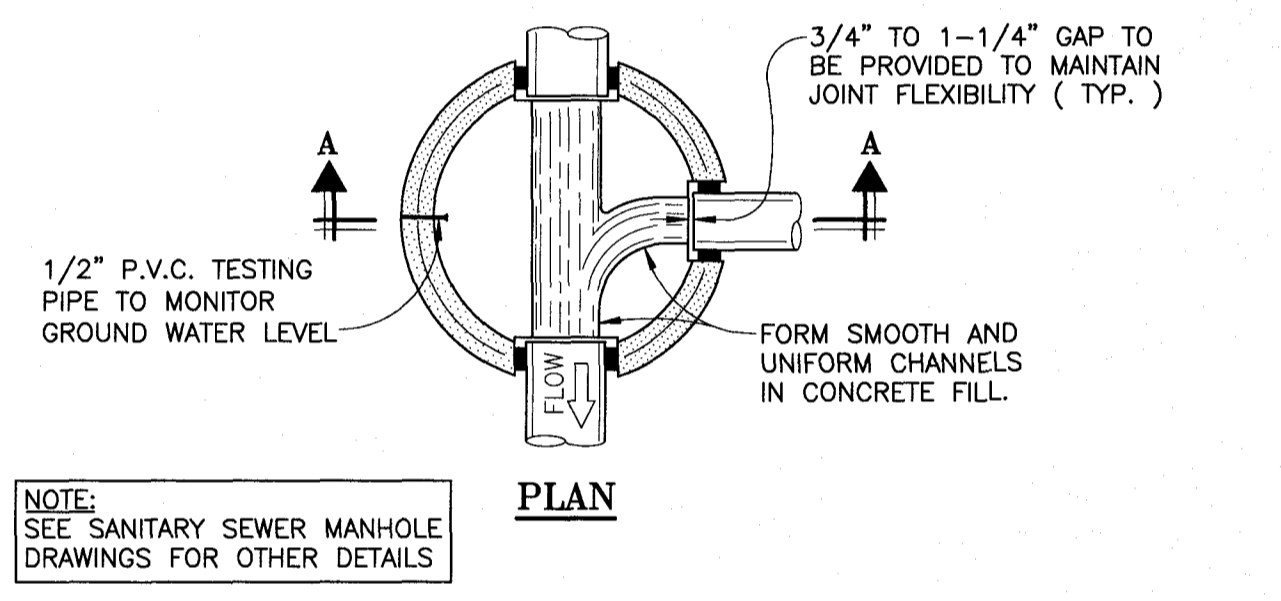


PIPE SIZE	RECOMMENDED MINIMUM CASING DIAMETER ( O.D. )	MINIMUM CASING WALL THICKNESS
4"	12.75"	0.375"
6"	14"	0.375"
8"	16"	0.375"
12"	20"	0.375"
16"	24"	0.406"
24"	36"	0.532"

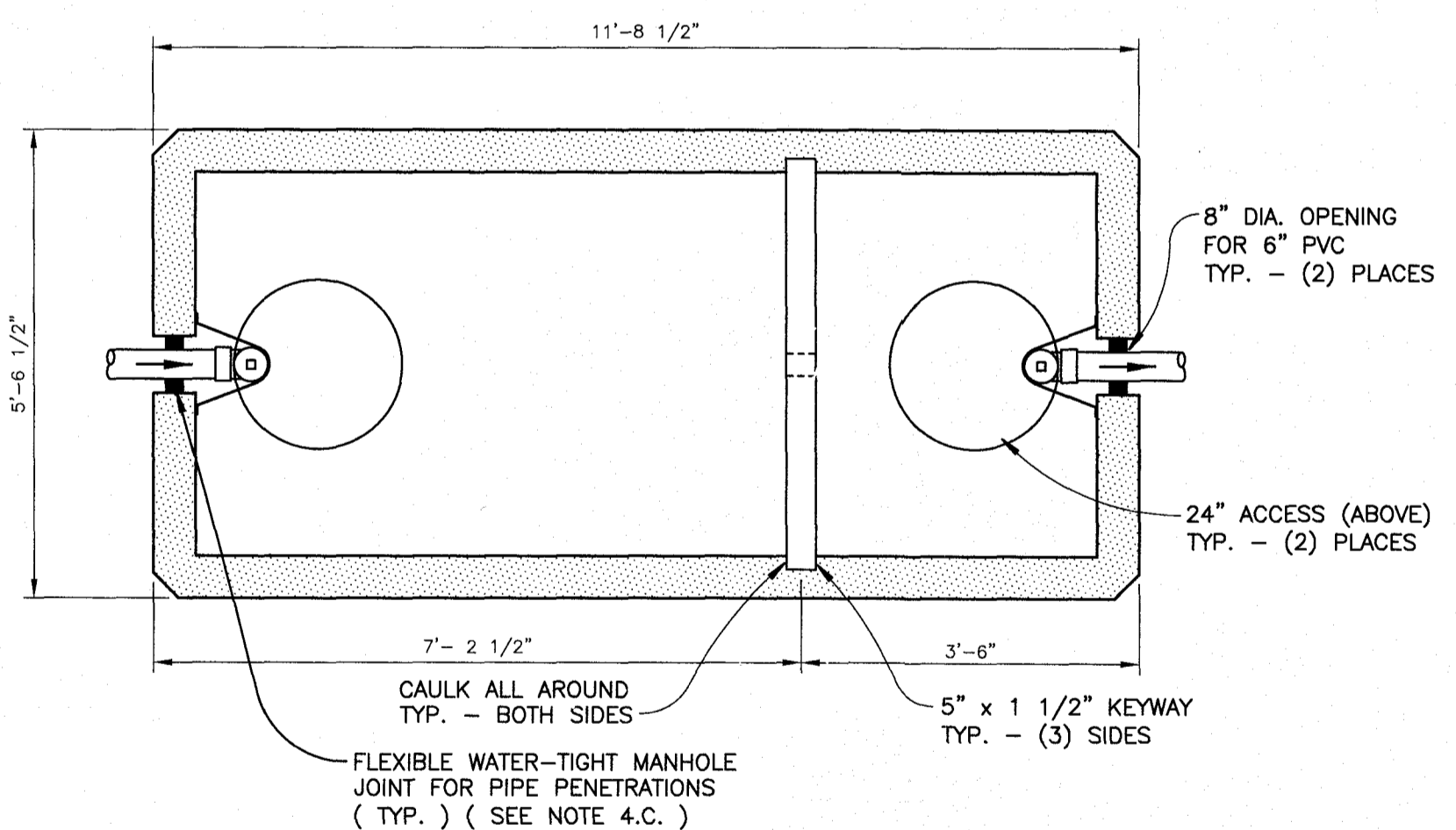
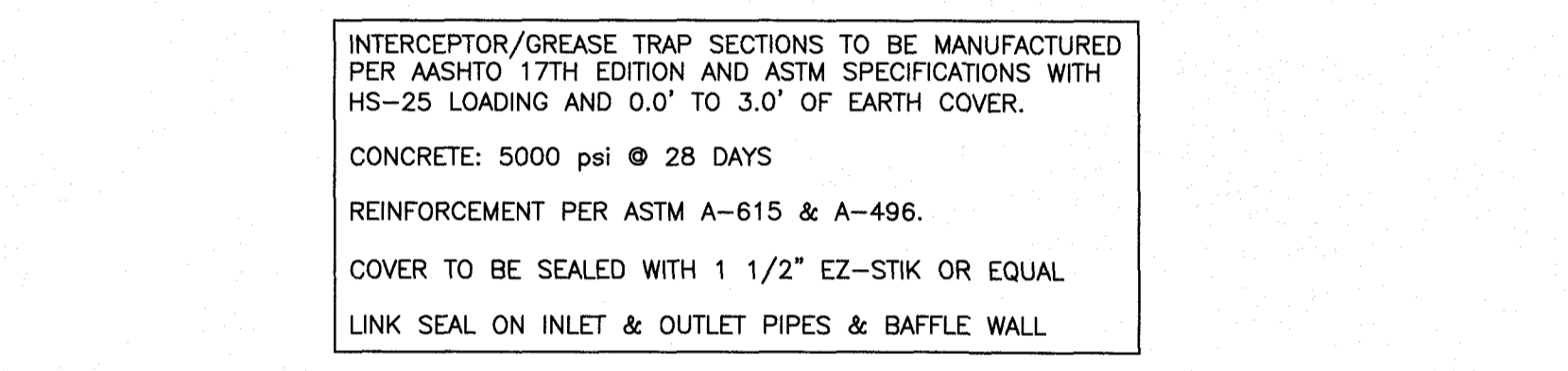
**STEEL CASING REQUIREMENTS**  
NOT TO SCALE



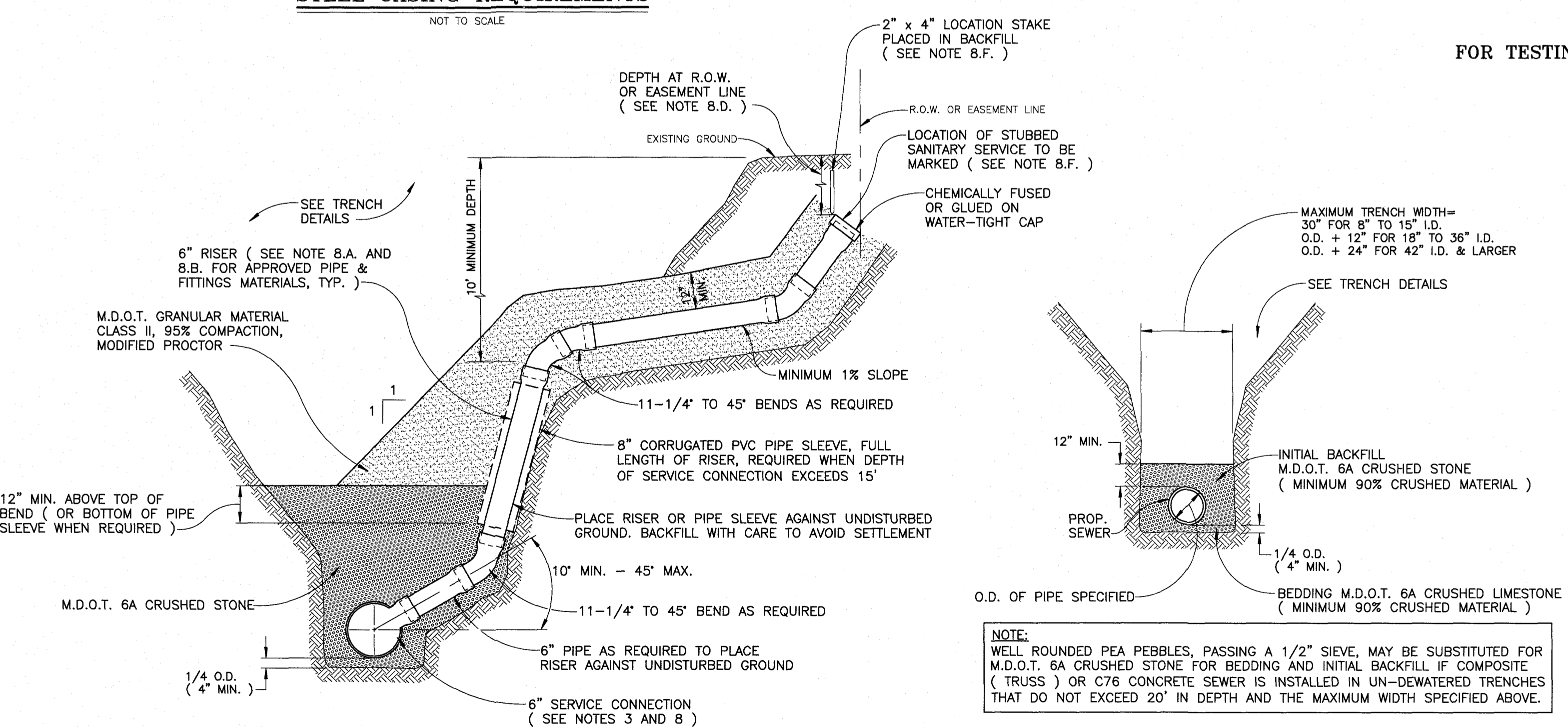
**CONCRETE CRADLE**  
NOT TO SCALE  
( ONLY WITH COMMUNITY APPROVAL )



**SUMP MANHOLE**  
NOT TO SCALE  
FOR TESTING, CLEANING & DEWATERING

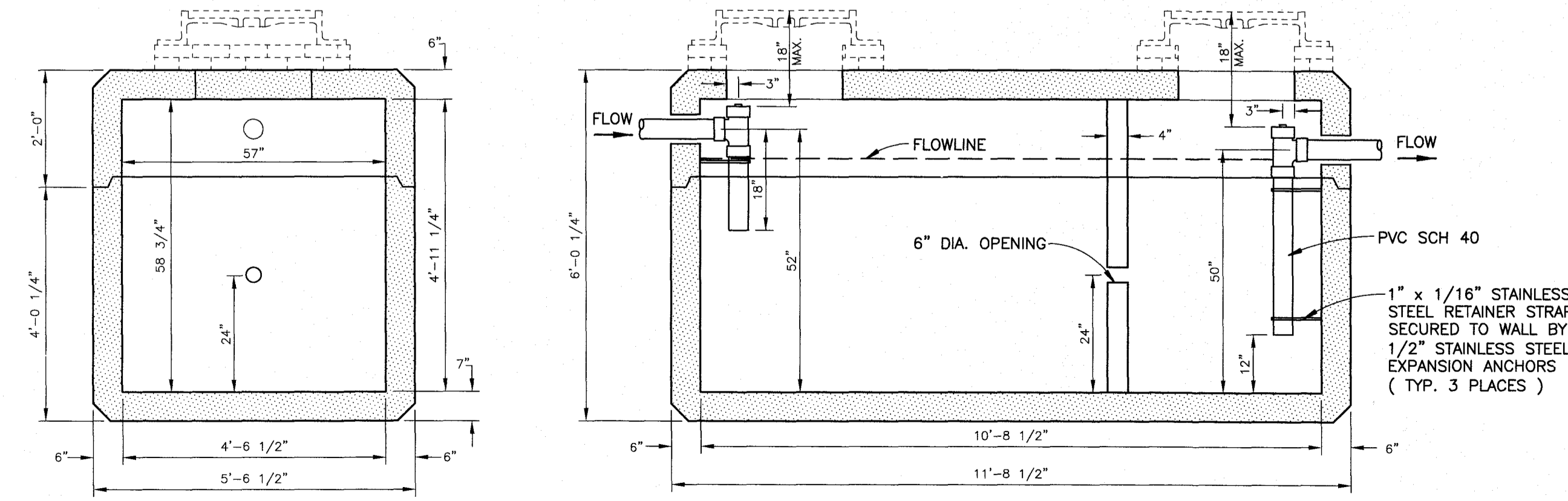


**INTERCEPTOR/GREASE TRAP ( INTERIOR )**  
NOT TO SCALE



**BUILDING LEAD DETAIL**  
NOT TO SCALE

**BEDDING DETAIL**  
NOT TO SCALE

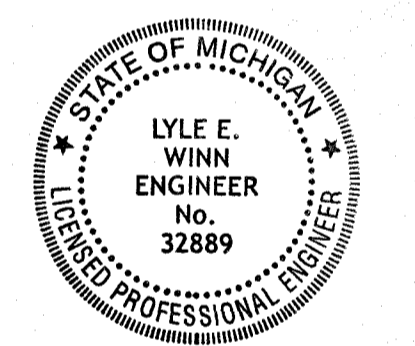


**INTERCEPTOR/GREASE TRAP ( EXTERIOR )**  
NOT TO SCALE

**ANDERSON, ECKSTEIN AND WESTRICK, INC.**  
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ENGINEERING STRONG COMMUNITIES



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



APPROVED BY: *Don Coddington*  
DON CODDINGTON, DIRECTOR

CHARTER TOWNSHIP OF CHESTERFIELD

STANDARD SANITARY SEWER DETAILS ( 1 OF 2 )

SHEET NO. **SAN1**