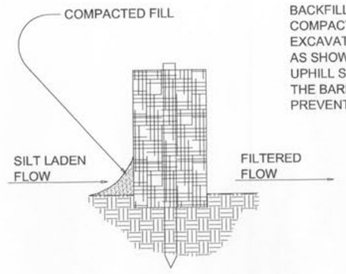
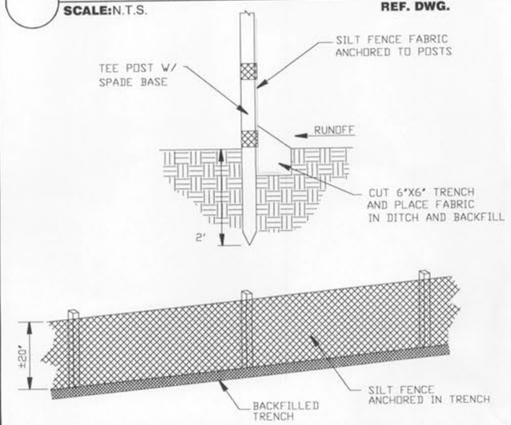
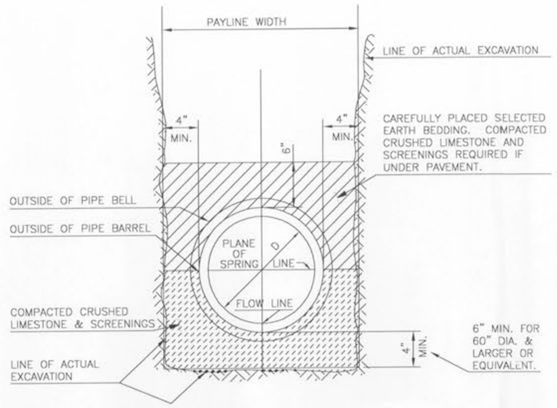


STRAW BALE DETAIL
SCALE:N.T.S. **REF. DWG.**

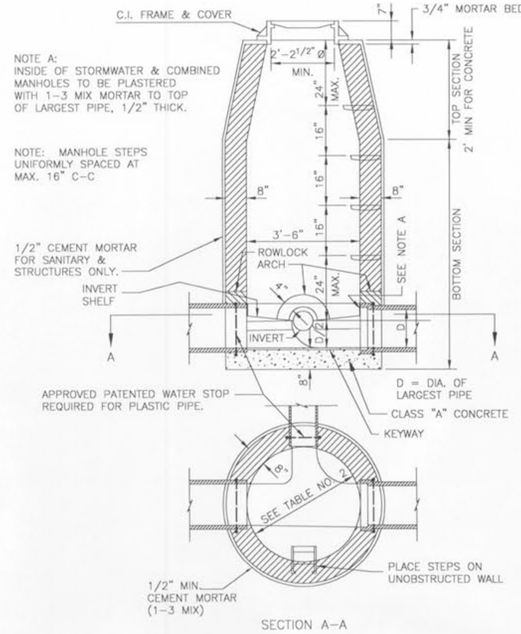


SILT FENCE DETAIL
SCALE:N.T.S. **REF. DWG.**



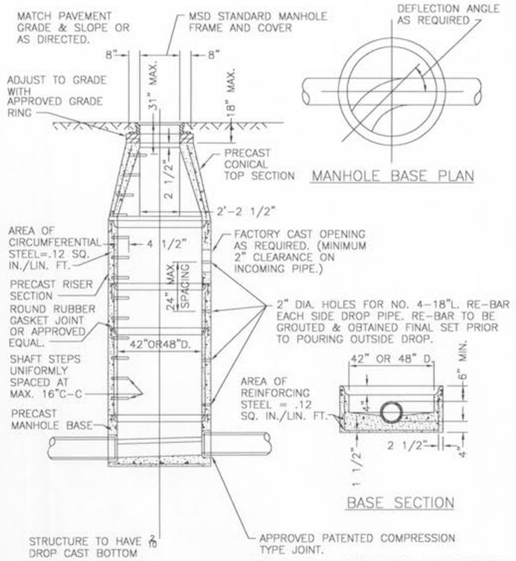
PIPE BEDDING CLASS "C"
(MODIFIED FOR REINFORCED CONCRETE PIPE)

1 RCP BEDDING DETAIL
SCALE:N.T.S. **REF. DWG.**



SECTION A-A

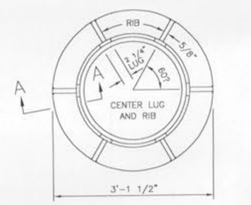
LINE MANHOLE
PIPE SEWERS 8"-24" DIA.



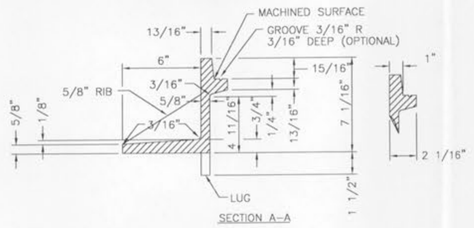
PRE-CAST CONCRETE MANHOLE
FOR SEWERS
8" THROUGH 12"

2 MANHOLE DETAIL
SCALE:N.T.S. **REF. DWG.**

NOTE:
***ALL STRUCTURES ARE TO REQUIRE A 2/10 DROP CAST BOTTOM**
***ALL STRUCTURAL REBAR TO REQUIRE 31 MIL EPOXY COATING**



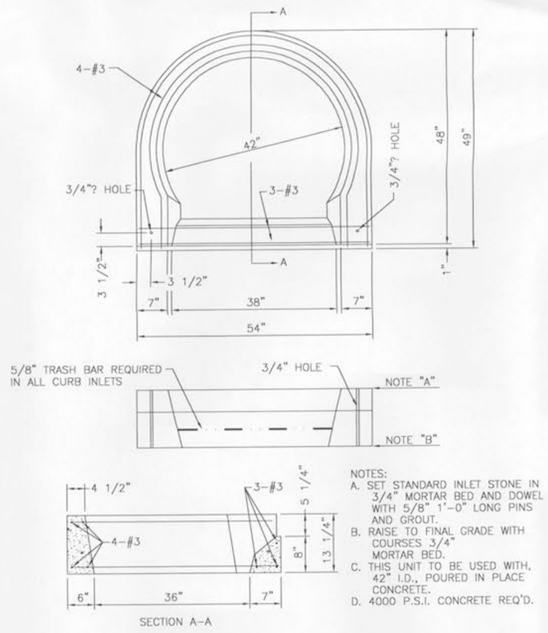
CAST IRON MANHOLE FRAME



(240 LBS.)

CAST IRON
MANHOLE FRAME

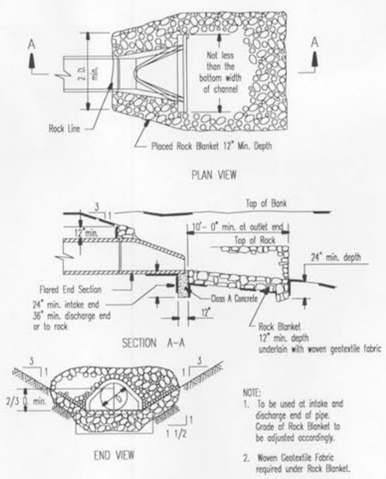
3 MANHOLE FRAME DETAIL
SCALE:N.T.S. **REF. DWG.**



NOTES:
A. SET STANDARD INLET STONE IN 3/4" MORTAR BED AND DOWEL WITH 5/8" 1'-0" LONG PINS AND GROUT.
B. RAISE TO FINAL GRADE WITH COURSES 3/4" MORTAR BED.
C. THIS UNIT TO BE USED WITH, 42" I.D., POURED IN PLACE CONCRETE.
D. 4000 P.S.I. CONCRETE REQ'D.

PRECAST CONCRETE UNIT
FOR
SINGLE CURB INLET

4 CURB INLET DETAIL
SCALE:N.T.S. **REF. DWG.**



NOTE:
1. To be used at intake and discharge end of pipe. Grade of Rock (Blanket to be adjusted accordingly.
2. Woven Geotextile Fabric required under Rock Blanket.

5 FLARED END SECTION DETAIL
SCALE:N.T.S. **REF. DWG.**

REVISIONS

12-20-05	1	CITY OF O'FALLON COMMENTS
02-09-06	2	CITY OF O'FALLON COMMENTS
04-03-06	3	CITY OF O'FALLON COMMENTS
05-02-06	4	MoDOT COMMENTS

DEVELOPER/OWNER:
R3 DEVELOPMENT, LLC
7800 HIGHWAY N
OFALLON, MO 63366
(636) 561-3948

THE PROFESSIONAL ENGINEER WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMo) ANY RESPONSIBILITY FOR ALL OTHER PLANS, DRAWINGS, SPECIFICATIONS, AND ESTIMATES NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO, OR INTENDED TO BE USED FOR, ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SEAL:

THE HEIGHTS
1609 HIGHWAY 79
O'FALLON, MO 63366

STORM SEWER DETAILS

planning • engineering • surveying • landscape architecture
Cole and ASSOCIATES INCORPORATED
10777 sunset office dr. suite 10
saint louis, missouri 63127
p: 314 984 9887 f: 314 984 0587

DESIGNED BY	JCB
DRAWN BY	JCB
CHECKED BY	MB
DATE	10/03/05
Job Number	05-143
Sheet Number	C10.2

P&Z #2705 & 2705.01

LAYOUT: DETAILS2
PLOT: Mon, Oct 02, 2006 - 11:18am
DRAWING: S:\JOBS\Jobs2005\05-143\LD5_05-143\dwg\LD_C14_details_05-143.dwg