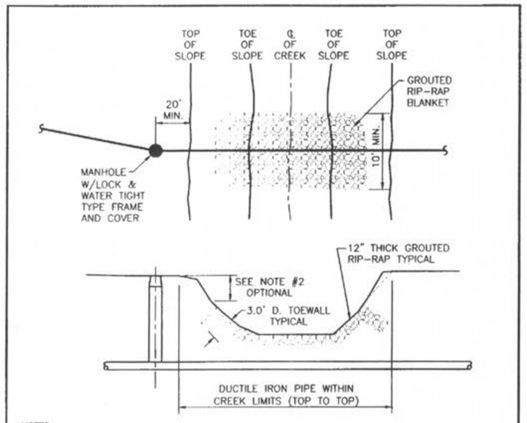
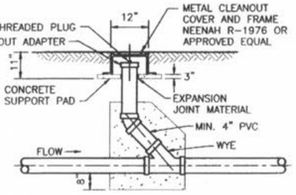


NOTES:

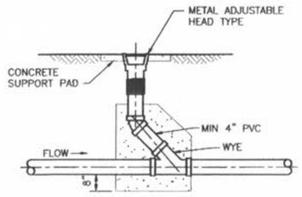
1. GROUTED RIP-RAP IS REQUIRED AT ALL CREEK CROSSINGS WHERE THE EMBANKMENTS CROSSED ARE STEEPER THAN 1 VERTICAL TO 2 HORIZONTAL RATIO SLOPE; AND ALSO WHERE THERE IS 3 FEET OR LESS COVER OVER THE TOP OF THE SEWER MAIN.
2. PLACE RIP-RAP ON LOWER 3/4 OF SLOPE. GRADE UPPER 1/4 OF SLOPE AT 1 VERTICAL TO 2 HORIZONTAL SLOPE FOR SOD OR 1 VERTICAL TO 2.5 HORIZONTAL SLOPE FOR SEED AND STRAW.
3. RIP-RAP TO BE 'MSD 5' GRADATION, MINIMUM 12" THICK, GROUTED WITH 8 SACK MIX, SAND-CEMENT SLURRY, BROOM FINISH.
4. INCORPORATE A 3 FEET DEEP TOE WALL ON EMBANKMENT'S UPPER EDGE OF RIP-RAP.
5. TOP SURFACE OF RIP-RAP SHOULD NOT BE HIGHER THAN ADJACENT GROUND SURFACE.
6. IF PIPE HAS LESS THAN 12" COVER, A PAVED CHANNEL MAY BE REQUIRED.
7. DUCTILE IRON PIPE IS REQUIRED WITHIN THE CREEK LIMITS.

Duckett Creek Sanitary District

TYPICAL CREEK CROSSING	Dwn By: BSM	App By: KLA	Detail No. 24
	Chd By: MDOB	Date: 1-8-01	



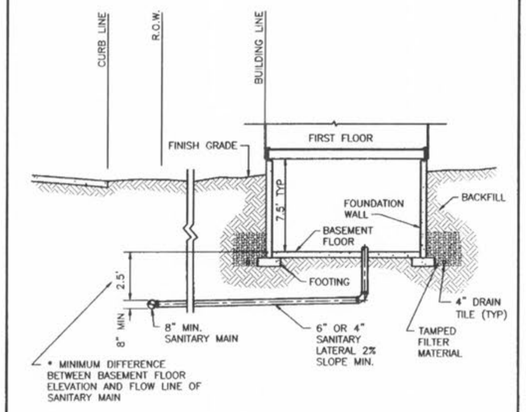
METAL FRAME AND COVER TYPE CLEANOUT



ADJUSTABLE HEAD TYPE CLEANOUT

Duckett Creek Sanitary District

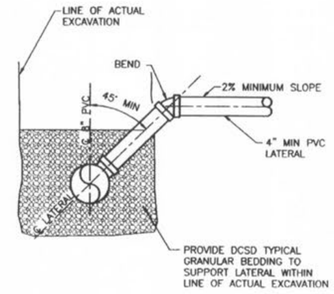
TYPICAL SEWER LATERAL CLEANOUT DETAILS	Dwn By: BSM	App By: KLA	Detail No. 25
	Chd By: MDOB	Date: 1-8-01	



*NOTE:
DIFFERENCE IN DEPTH INCREASES WITH PIPE SIZE

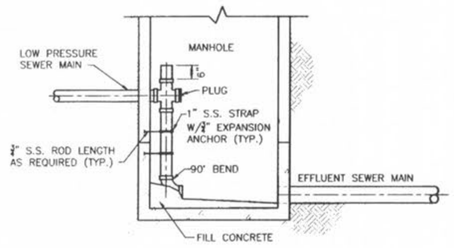
Duckett Creek Sanitary District

TYPICAL SANITARY SEWER LATERAL PROFILE	Dwn By: BSM	App By: KLA	Detail No. 26
	Chd By: MDOB	Date: 1-9-01	



Duckett Creek Sanitary District

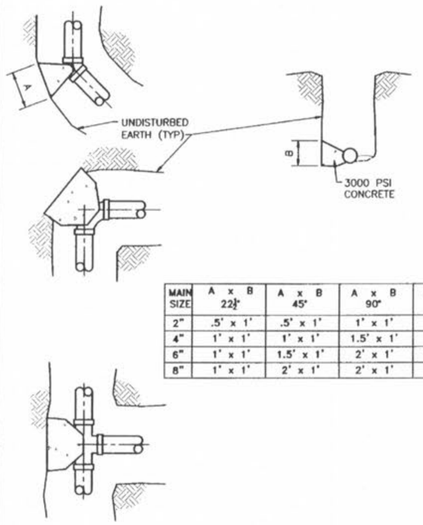
SANITARY SEWER LATERAL RISER DETAIL	Dwn By: BSM	App By: KLA	Detail No. 27
	Chd By: MDOB	Date: 1-9-01	



NOTE:
INVERT-BOTTOM SHALL BE WORKED TO PROVIDE POSITIVE DRAINAGE THROUGH MANHOLE

Duckett Creek Sanitary District

LOW PRESSURE SEWER MAIN CONNECTION AT MANHOLE	Dwn By: BSM	App By: KLA	Detail No. 28
	Chd By: MDOB	Date: 1-9-01	



MAIN SIZE	A x B 22½°	A x B 45°	A x B 90°	A x B TEE
2"	.5' x 1'	.5' x 1'	1' x 1'	1' x 1'
4"	1' x 1'	1' x 1'	1.5' x 1'	1' x 1'
6"	1' x 1'	1.5' x 1'	2' x 1'	1.5' x 1'
8"	1' x 1'	2' x 1'	2' x 1'	2' x 1'

Duckett Creek Sanitary District

THRUST BLOCK DETAIL AND SIZE SCHEDULE	Dwn By: BSM	App By: KLA	Detail No. 29
	Chd By: MDOB	Date: 1-9-01	

NOTE: THE DETAILS SHOWN HEREIN ARE FOR THE PURPOSE OF PRIVATE CONSTRUCTION ONLY. PUBLIC CONSTRUCTION WILL REQUIRE STRICT ADHERENCE TO THE DETAILS PUBLISHED BY DUCKETT CREEK AND ST. CHARLES COUNTY.

REVISIONS

DATE	DESC.
8/24/07	OWNER/PMSD#2/DUCKETT CREEK
9/14/07	OWNER
9/14/07	OWNER COMMENTS
9/14/07	DUCKETT CREEK SANITARY DISTRICT
10/12/07	CITY OF FALLON COMMENTS
10/19/07	CITY OF FALLON COMMENTS
10/23/07	CITY OF FALLON COMMENTS

DEVELOPER/OWNER:
THE JONES COMPANY HOMES, L.L.C.
16640 CHESTERFIELD GROVE, SUITE 200
CHESTERFIELD, MO 63005
PHONE: (636) 537-7192

I HEREBY CERTIFY THAT THESE SPECIFICATIONS, PLANS AND/OR REPORTS WERE PREPARED BY ME OR UNDER MY PERSONAL SUPERVISION AND ARE SUBMITTED FOR REVIEW AND APPROVAL PURSUANT TO SECTION 327.411 RSMo. ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, REPORTS, ETC. NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR, ANY PART OF THE PROJECT TO WHICH THIS PAGE REFERS.

SEAL: JOHN F. HASHAGEN JR. NUMBER E-23916 REGISTERED PROFESSIONAL ENGINEER

PRESTON WOODS - PHASE II
IMPROVEMENT PLANS

PRESTON WOODS LANE
O'FALLON, MO. 63366

SANITARY SEWER DETAILS

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

DESIGNED BY	JKW
DRAWN BY	KDK
CHECKED BY	JFH
DATE	6/14/07
Job Number	07-0041
Sheet Number	C10.4

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