

NOTE: IF WATERTIGHT COVER REQUIRED USE APPROVED BUTYL RUBBER PREFORMED MASTIC SEALANT BETWEEN COVER AND FRAME.

TYPE 'I'

TYPE 'N'

Duckett Creek Sanitary District
CAST IRON MANHOLE COVERS (LOCK TYPE)

Dim By:	BSM	App By:	KLA	Detail No.	14
Chk By:	MDOB	Date:	12-27-00		

GRAY IRON CASTING A.S.T.M. A-48 CLASS 30B WITH COATING

Duckett Creek Sanitary District
LOCKING DEVICE FOR TYPE "I" LOCK TYPE MANHOLE COVER

Dim By:	BSM	App By:	KLA	Detail No.	15
Chk By:	MDOB	Date:	12-27-00		

Duckett Creek Sanitary District
LOCKING DEVICE FOR TYPE "N" LOCK TYPE MANHOLE COVER

Dim By:	BSM	App By:	KLA	Detail No.	16
Chk By:	MDOB	Date:	12-28-00		

Duckett Creek Sanitary District
MANHOLE STEP PRECAST MANHOLE

Dim By:	BSM	App By:	KLA	Detail No.	18
Chk By:	MDOB	Date:	1-3-01		

GREASE INTERCEPTOR DETAIL
NO SCALE

SDR-35 x C900 BELL x SPIGOT ADAPTERS

SIZE	CATALOG NO.	A	B	C	D	E	F	G	H	CT	PT
4"	334-040	4.56	8.23	4.25	4.10	3.94	4.80	2.72	2.7	.32	.25
6"	334-060	6.68	9.93	6.31	4.57	5.88	6.90	3.72	3.5	.45	.36

Duckett Creek Sanitary District
SDR-35 x C900 BELL AND SPIGOT ADAPTERS

Dim By:	BSM	App By:	KLA	Detail No.	19A
Chk By:	MDOB	Date:	1-3-01		

SDR-35 x C900 BELL x SPIGOT ADAPTERS

HARCO STYLE **FABRICATED STYLE**

SIZE	CATALOG NO.	A	L	STYLE
4"	335-040	3.2	10.0	FABRICATED
6"	335-060	2.9	3.5	HARCO
8"	335-080	4.0	12.5	FABRICATED

Duckett Creek Sanitary District
SDR-35 x C900 BELL AND SPIGOT SPECIAL 4", 6" & 8" ADAPTERS

Dim By:	BSM	App By:	KLA	Detail No.	19B
Chk By:	MDOB	Date:	1-3-01		

SDR-35 x C900 BELL x BELL ADAPTERS

SIZE	CATALOG NO.	OD	ID	ID	ID	L	CTN	CTN
							QTY	WT
4x4	337-040	4.80	4.215	4.86	4.25	10.0	1	4
6x6	337-060	6.90	6.275	6.96	6.32	11.13	1	8
8x8	337-080	9.05	8.400	9.13	8.45	12.50	1	15

Duckett Creek Sanitary District
SDR-35 x C900 BELL AND BELL 4", 6" & 8" ADAPTERS

Dim By:	BSM	App By:	KLA	Detail No.	19C
Chk By:	MDOB	Date:	1-3-01		

ELASTIC SADDLE TEE OR WYE FITTING (SOLVENT WELD)

WHEN CONNECTION TO A PLASTIC PIPE IS ALLOWED AND A CONNECTION IS LARGER THAN 6" IN DIAMETER, A SOLVENT WELD WYE OR TEE FITTING OF A SIMILAR MATERIAL MUST BE USED. (EXAMPLE: 10" x 8")

THIS IS ACCOMPLISHED BY CAREFULLY CUTTING A HOLE WITH A SAW IN THE MAIN AT THE REQUIRED LOCATION AFTER CUTTING AND SHAPING THE HOLE TO THE SIZE OF THE FITTING, THE FOLLOWING STEPS SHOULD BE TAKEN:

- CLEAN AND DRY BOTH INSIDE THE SADDLE WYE SURFACE AND PIPE SURFACE TO BE SOLVENT CEMENTED.
- IMPORTANT: APPLY A LIBERAL HEAVY COAT OF ONE-STEP SOLVENT CEMENT TO THE INSIDE SURFACE OF THE SADDLE WYE AND TO THE EXTERIOR WELDING SURFACE TO THE PIPE.
- WITHOUT DELAY, MATE THE SURFACES AND STRAP DOWN TIGHTLY. A BEAD OF SOLVENT SHOULD APPEAR AFTER THE SADDLE HAS BEEN STRAPPED DOWN TIGHTLY.
- USING A RAG OR PAPER TOWEL, WIPE BEAD AND ANY EXCESS SOLVENT CEMENT OFF PIPE AND SADDLE.
- ALLOW 30-60 MINUTES FOR SET-UP TIME, BEFORE BACKFILLING. CURE TIME DEPENDS ON SIZE FIT OF MATERIALS BEING INSTALLED AND VARIOUS COLD DAMP CONDITIONS.
- DISCARD OLD SOLVENT IF IT BECOME JELLED OR LUMPY.
- A CLEAN, DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE BACKFILLING. THE BEDDING MATERIAL SHOULD BE ONE OF THE FOLLOWING:
 - 1 TO 3 CEMENT TO SAND MIX
 - "PRE-MIX" CONCRETE
 - DCSD APPROVED BEDDING FOR SANITARY SEWERS.

Duckett Creek Sanitary District
8" & LARGER CONNECTION TO PLASTIC MAIN

Dim By:	BSM	App By:	KLA	Detail No.	20A
Chk By:	MDOB	Date:	1-4-01		

METAL FRAME AND COVER TYPE CLEANOUT

ADJUSTABLE HEAD TYPE CLEANOUT

Duckett Creek Sanitary District
TYPICAL SEWER LATERAL CLEANOUT DETAILS

Dim By:	BSM	App By:	KLA	Detail No.	25
Chk By:	MDOB	Date:	1-8-01		

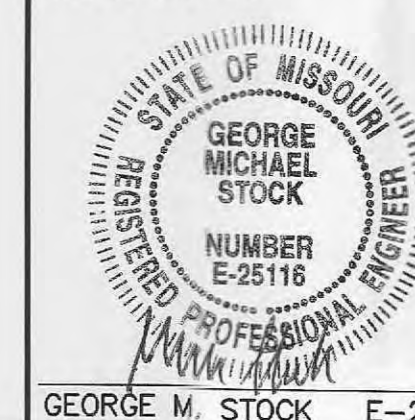
- 5 - 03/02/05 REVISED PER CITY & COORDINATING COMMENTS
- 4 - 02/02/05 REVISED PER CITY, DUCKET CREEK AND MODOT COMMENTS
- 3 - 12/08/04 REVISED SANITARY SEWER ROUTE
- 2 - 12/01/04 REVISED PER FIRE DISTRICT, SEWER DISTRICT AND CITY COMMENTS
- 1 - 11/22/04 REVISED PER COORDINATION ISSUES

PROGRESS WEST HEALTHCARE CENTER - UTILITY PACKAGE

SANITARY CONSTRUCTION DETAILS

P & Z FILE NUMBER 99104.09.03

March 02, 2005



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DRAWN BY:	DATE:	CHECKED BY:	DATE:	JOB NUMBER:	SHEET:
J.E.F.	10/21/04	G.M.S.	10/21/04	204-3224	C12 of 22

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