

OWNER
CITY OF FALLON
100 NORTH MAIN STREET
FALLON, MO 63366
836.379.5590

PROJECT TEAM

CIVIL ENGINEER
PREMIER DESIGN GROUP
100 MIDLAND PARK DRIVE
WENTZVILLE, MO 63385
314.925.7444

MAINTENANCE CONSULTANT
HDR ENGINEERING, INC.
17725 KATY FREEWAY SUITE 102
HOUSTON, TX 77044
813.860.2700

STRUCTURAL ENGINEER
METTEMAYER ENGINEERING
2225 W CHESTERFIELD BLVD., SUITE 300
SPRINGFIELD, MO 65807
417.890.8002

MEP ENGINEER
HENDESON ENGINEERS, INC.
8345 LENEXA DR., #300
LENEXA, KS 66214
913.742.5000

CAST IRON MANHOLE FRAME

METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. DAB/SAM
Ch. J.C.K. 2009 SHEET 52

ADJUST TO GRADE

METROPOLITAN ST. LOUIS SEWER DISTRICT
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Dr. S.A.M.
Ch. P.W.S. 2009 SHEET 23 (REV)

PRECAST CONCRETE STORMWATER STRUCTURES

MINIMUM DISTANCE FLOWLINE TO TOP OF STONE OR GRATE

PIPE I.D. NOMINAL INCHES	AREA INLET				(2) GRATE INLET			SINGLE STREET INLET			
	CIRCULAR BASE DIA.	42"	48"	60"	CIRCULAR BASE DIA.	SQUARE (MAX.)	42"	48"	60" (MAX.)	CIRCULAR BASE DIA.	RECTANGLE
12"	45"				38"	48"	31"	48"	48"	41"	
15"	48"				41"		34"	51"		44"	
18"	52"				44"		37"	55"		48"	
21"	55"				47"		40"	58"		51"	
24"		58"				51"	44"		61"	54"	
27"			78"			71"	NA		81"	NA	
30"				82"		74"	NA		85"	NA	
33"				85"		77"	NA		88"	NA	

(SEE SHEET 34 FOR DETAIL) (SEE SHEET 35 FOR DETAIL) (SEE SHEET 36 FOR DETAIL)

PRECAST CONCRETE STORMWATER STRUCTURES

METROPOLITAN ST. LOUIS SEWER DISTRICT
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Dr. J.L.G.
Ch. J.C.K. 2009 SHEET 33

PRECAST CONCRETE UNIT FOR 4 WAY AREA INLET

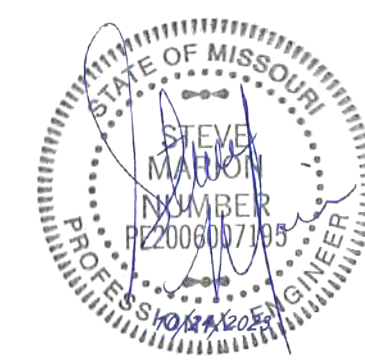
METROPOLITAN ST. LOUIS SEWER DISTRICT
Standard Details of Sewer Construction
Dr. DAB/SAM
Ch. J.C.K. 2009 SHEET 40

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #01	10/5/2023

PROJECT NO.: 2207920 DRAWN BY: A. JONES
DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

PROFESSIONAL SEAL



ENGINEER AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby accepted by the seal of the engineer who has signed, approved, and date hereunder attached. Responsibility is disclaimed for all other engineering plans prepared in this project and specifically requires: STEVEN D. HANSON, P.E. PROFESSIONAL ENGINEER PE 000007195

PROJECT TITLE
O'FALLON PUBLIC WORKS FACILITY

PROJECT ADDRESS:
1101 OLD E TERRA LANE
O'FALLON, MO 63366

STORM SEWER DETAILS

SINGLE STREET INLETS PRECAST CONCRETE

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Dr. J.L.G./SAM
Ch. J.C.K. 2009 SHEET 36

STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS

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Dr. WSH/SAM
Ch. J.C.K. 2009 SHEET 44

MANHOLE STEP FOR PRECAST & CAST-IN-PLACE MANHOLE

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Dr. D.A.B.
Ch. J.C.K. 2009 SHEET 58

PRECAST MANHOLE ON EXIST. PIPE W/CONTINUOUS FLOW ONLY

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Dr. S.A.M.
Ch. P.W.S. 2009 SHEET 22