

PDF Pg #	Number or Reference Label	Version Date	Original Number or Reference Label (1994 or updated)	Description
				<b>Gravity Sewer</b>
				<i>Subsection 1 - Lateral Connections</i>
1	11.1.1	04/2024	1	4" AND 6" LATERAL SADDLE TAPS ON EXISTING SEWER MAIN
2	11.1.2	04/2024	2	4" AND 6" SERVICE LATERAL TEE ON NEW 8" AND LARGER DR 25 PVC SEWER MAIN
3	11.1.3	04/2024	NEW	4" AND 6" SERVICE LATERAL TEE ON NEW 8" SDR 26 PVC SEWER MAIN
4	11.1.4	04/2024	3	4" AND 6" SANITARY SEWER LATERAL CONNECTIONS TO MANHOLES - ON DR 25 PVC SEWER MAINS
5	11.1.5	04/2024	NEW	4" AND 6" SANITARY SEWER LATERAL CONNECTIONS TO MANHOLES - ON 8" SDR 26 PVC SEWER MAINS ONLY
6	11.1.6	04/2024	NEW	8" AND LARGER SANITARY SEWER LATERAL CONNECTIONS TO MANHOLES
7	11.1.7	04/2024	(Sewer Rehabilitation) I	SERVICE LATERAL CONNECTING TO CURED-IN-PLACE PIPE LINING (CIPP)
8	11.1.8	04/2024	NEW	4" OR 6" D.I.P. LATERAL WITH BENDS DUE TO VERTICAL UTILITY CONFLICTS
9	11.1.9	04/2024	NEW	SEWER SERVICES - SCHEMATIC
				<i>Subsection 2 - Manhole</i>
10	11.2.1	04/2024	4	4' DIAMETER PRECAST MANHOLES (FOR 8" THROUGH 16" DIAMETER PIPE)
11	11.2.2	04/2024	4	5' DIAMETER PRECAST MANHOLES (FOR 18" THROUGH 36" DIAMETER PIPE) (WHEN INSIDE DROPS ARE REQUIRED)
12	11.2.3	04/2024	7	6'-12" DIAMETER PRECAST MANHOLE (FOR 42" DIAMETER AND LARGER PIPE)
13	11.2.4	04/2024	NEW	SEWER MANHOLE GRADE RING
14	11.2.5	04/2024	5	OUTSIDE DROP ON EXISTING BRICK OR BLOCK MANHOLE
15	11.2.6	04/2024	6	OUTSIDE DROP ON EXIST. OR PROP. PRECAST CONCRETE MANHOLE
16	11.2.7	04/2024	8	PRECAST STRADDLE (DOGHOUSE) MANHOLE
17	11.2.8	04/2024	9	PRECAST MANHOLE INVERT ABOVE GROUND (FOR 8" THROUGH 16" DIAMETER PIPE)
18	11.2.9	04/2024	12	PRECAST SHORT MANHOLE - 4' DIAMETER
19	11.2.10	04/2024	10	VENT PIPE - PRECAST MANHOLE
20	11.2.11	04/2024	NEW	MANHOLE VENT PIPE - FIBERGLASS OR POLYMER CONCRETE MANHOLES
21	11.2.12	04/2024	11	4" THROUGH 12" DIA. INSIDE DROP IN 5 FT. AND LARGER MANHOLE ONLY
22	11.2.13	04/2024	14	PLASTIC STEP PRECAST FORMED HOLE DRIVEN IN PLACE
23	11.2.14	04/2024	NEW	PIPE TO MANHOLE CONNECTION FOR 8-INCH PIPES ON STEEP SLOPES BETWEEN 10% AND 19%
24	11.2.15	04/2024	NEW	STEEP SLOPE INVERT MANHOLE DUE TO UTILITY CONFLICT
25	11.2.16	04/2024	NEW	LATERAL STEEP SLOPE INVERT DUE TO UTILITY CONFLICT
				<i>Subsection 3 - Manhole Frame and Cover</i>
26	11.3.1	04/2024	F	TYPE A MANHOLE FRAME 24-INCHES DIAMETER (CLEAR OPENING) 7 1/2-INCHES TALL
27	11.3.2	04/2024	H	TYPE C MANHOLE FRAME 24-INCHES DIAMETER (CLEAR OPENING) 4-INCHES TALL - INVERTED (CAST IN)
28	11.3.3	04/2024	J	TYPE D MANHOLE FRAME 30-INCH DIAMETER (CLEAR OPENING) 7-INCHES TALL
29	11.3.4	04/2024	K	TYPE E MANHOLE FRAME 30-INCHES DIAMETER (CLEAR OPENING) 4-INCHES TALL - INVERTED (CAST IN)
30	11.3.5	04/2024	A	TYPE 1 MANHOLE COVER 24-INCHES DIAMETER (CLEAR OPENING) VENTED-ONE VENT HOLE, NO GASKET, NO CAM LOCK
31	11.3.6	04/2024	B	TYPE 2 MANHOLE COVER 24-INCHES DIAMETER (CLEAR OPENING) SOLID-NO VENT HOLE, NO GASKET, NO CAM LOCK
32	11.3.7	04/2024	C	TYPE 3 MANHOLE COVER 24-INCHES DIAMETER (CLEAR OPENING) WATERTIGHT-NO VENT HOLE, GASKET, CAM LOCK
33	11.3.8	04/2024	D	TYPE 4 MANHOLE COVER 30-INCHES DIAMETER (CLEAR OPENING) VENTED-ONE VENT HOLE, GASKET, CAM LOCK
34	11.3.9	04/2024	E	TYPE 5 MANHOLE COVER 30-INCHES DIAMETER (CLEAR OPENING) WATERTIGHT-NO VENT HOLE, GASKET, CAM LOCK
35	11.3.10	04/2024	NEW	TYPE 6 MANHOLE COVER 30-INCHES DIAMETER (CLEAR OPENING) SOLID-NO VENT HOLE, NO GASKET, NO CAM LOCK
36	11.3.11	04/2024	NEW	RESURFACING VERTICAL FRAME AND COVER ADJUSTMENT FOR PAVEMENT
				<i>Subsection 4 - Elevated Creek Crossings and Piers</i>
37	11.4.1	04/2024	17	ELEVATED CREEK CROSSING
38	11.4.2	04/2024	18, 19	STEEL H-PILE PIERS FOR 24" PIPE AND SMALLER
39	11.4.3	04/2024	NEW	HELICAL STEEL PILE FOR USE ON 8 INCH PIPE ONLY
40	11.4.4	04/2024	NEW	MICROPILE
41	11.4.5	04/2024	22, 24, 25	REINFORCED CONCRETE PIER
42	11.4.6	04/2024	20	ANTI-SEEP COLLAR & ANTI-FLOATATION COLLAR
				<i>Subsection 5 - Tracer Wire</i>
43	11.5.1	04/2024	TS1	TRACER WIRE
44	11.5.2	04/2024	TS2	TRACER WIRE - GRAVITY SEWER
45	11.5.3	04/2024	TS5	TRACER WIRE - SPLICE