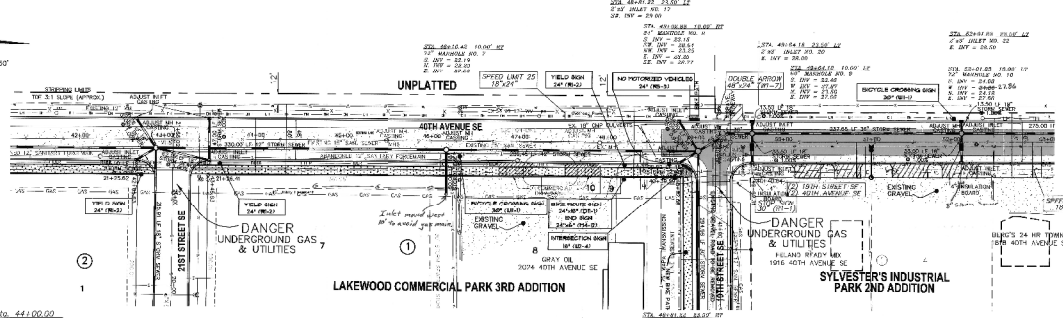


CONSTRUCTION NOTES (THIS SHEET)

1. AT STA. 47+00 AND STA. 49+36 REMOVE THE EXISTING EXISTING DRIVE AND GRADIT IS REQUIRED TO GRADE THE MANHOLE CASTING DOWN TO THE PROPOSED THIRT' GRADE. SHAD WORK SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR "MANHOLE CASTING".
2. SAW CUT THE EXISTING ASPHALT DRIVE THAT ON THE WEST SIDE OF 40TH AVENUE TO PROVIDE A NEAT VERTICAL EDGE. CONSTRUCT A NEW SECTION OF DRIVE THAT TO MATCH THE NEW 5' HIGH "GRIDES".
3. REMOVE AND REPLACE OFFSIDE THE 18" W/4" H/1" APPROXIMATELY STA. 49+50.
4. THE LOCATION OF DRIVEWAYS WHICH WILL REQUIRE DRIP CURBS ARE TO BE VERIFIED AT THE TIME OF CONSTRUCTION.
5. SHAPE THE AREA AROUND AREA INLET NO. 1 AS REQUIRED TO PROVIDE POSITIVE DRAINAGE TO THE INLET.
6. BUSINESSES NORTH OF 19TH STREET SE ON THE EAST SIDE OF 40TH AVENUE SE WILL HAVE 6" CONCRETE DRIVEWAYS CONSTRUCTED. THE LOCATIONS HAVE NOT YET BEEN DETERMINED. THE 6" CONCRETE DRIVEWAY 10' WIDE REFLECTS THESE QUANTITIES AND MAY BE ADJUSTED UP OR DOWN.
7. CONSTRUCT 5" THICK AC PAVEMENT FOR THE OPTIMAL FROM STA. 21+00 TO STA. 49+36. CONSTRUCT 6" THICK AC PAVEMENT FOR THE OPTIMAL FROM STA. 49+36 TO 19TH STREET SE.
8. REMOVE THE EXISTING ASPHALT DRIVEWAY ON 19TH STREET SE AND 40TH AVENUE SE. THE CONTRACTOR MAY ELECT TO SEAL THE ASPHALT DRIVEWAY AND USE THE MIXTURE FOR CONSTRUCTION OF THE BASE FOR THIS DRIVE. DRIVE.
9. CONSTRUCT ADA RAMP FOR 114' WIDE TRAIL AT THE INTERSECTION OF 19TH STREET SE AND 40TH AVENUE SE.
10. THERE ARE 4 WEATHER IN MANHOLE BOSS. THESE 4" HIGH OF WAY MARKERS AND OTHER MISCELLANEOUS ITEMS ALONG EITHER SIDE OF THE 40TH AVENUE SE FROM 19TH STREET SE NORTH TO 19TH STREET SE. THE CONTRACTOR SHALL REMOVE SAWMADE AND RESET ITEMS AS DIRECTED BY THE CONTRACTOR. SHAD WORK SHALL BE CONSIDERED INCIDENTAL TO DR-4 ITEMS.
11. LOCATE THE EXISTING 8" WATERMAIN AT STA. 52+29.83 AND STA. 49+54.54 IN THE CROSSINGS OF THE PROPOSED 18" STORM SEWER. CENTER A 4" X 4" X 8' INSULATION BOARD TO AROUND THE TOP OF THE WATERMAIN.
12. BUSINESSES NORTH OF 19TH STREET SE ON THE EAST SIDE OF 40TH AVENUE SE WILL HAVE 6" CONCRETE DRIVEWAYS CONSTRUCTED. THE LOCATIONS HAVE NOT YET BEEN DETERMINED. THE 6" CONCRETE DRIVEWAY 10' WIDE REFLECTS THESE QUANTITIES.



STORM SEWER MANHOLE AND INLET SCHEDULE

MANHOLE NO.	MANHOLE SIZE	CASTING TYPE	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)	INVERT (ft)	TOP OF CONCRETE (ft)
1	30" x 30"	PRECAST	29.00	33.00	32.00	36.00	31.00	35.00	30.00	34.00	29.00	33.00	28.00	32.00	27.00	31.00	26.00	30.00
2	30" x 30"	PRECAST	28.00	32.00	27.00	31.00	26.00	30.00	25.00	29.00	24.00	28.00	23.00	27.00	22.00	26.00	21.00	25.00
3	30" x 30"	PRECAST	27.00	31.00	26.00	30.00	25.00	29.00	24.00	28.00	23.00	27.00	22.00	26.00	21.00	20.00	19.00	23.00
4	30" x 30"	PRECAST	26.00	30.00	25.00	29.00	24.00	28.00	23.00	27.00	22.00	26.00	21.00	20.00	19.00	18.00	17.00	20.00
5	30" x 30"	PRECAST	25.00	29.00	24.00	28.00	23.00	27.00	22.00	26.00	21.00	20.00	19.00	18.00	17.00	16.00	15.00	18.00
6	30" x 30"	PRECAST	24.00	28.00	23.00	27.00	22.00	26.00	21.00	20.00	19.00	18.00	17.00	16.00	15.00	14.00	13.00	16.00
7	30" x 30"	PRECAST	23.00	27.00	22.00	26.00	21.00	20.00	19.00	18.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	14.00
8	30" x 30"	PRECAST	22.00	26.00	21.00	25.00	20.00	19.00	18.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00	13.00
9	30" x 30"	PRECAST	21.00	25.00	20.00	24.00	19.00	18.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00	9.00	12.00
10	30" x 30"	PRECAST	20.00	24.00	19.00	23.00	18.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	11.00
11	30" x 30"	PRECAST	19.00	23.00	18.00	22.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	10.00
12	30" x 30"	PRECAST	18.00	22.00	17.00	21.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	9.00
13	30" x 30"	PRECAST	17.00	21.00	16.00	20.00	15.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	5.00	8.00
14	30" x 30"	PRECAST	16.00	20.00	15.00	19.00	14.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	5.00	4.00	7.00
15	30" x 30"	PRECAST	15.00	19.00	14.00	18.00	13.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	5.00	4.00	3.00	6.00
16	30" x 30"	PRECAST	14.00	18.00	13.00	17.00	12.00	11.00	10.00	9.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	5.00
17	30" x 30"	PRECAST	13.00	17.00	12.00	16.00	11.00	10.00	9.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00	4.00
18	30" x 30"	PRECAST	12.00	16.00	11.00	15.00	10.00	9.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00	0.00	3.00
19	30" x 30"	PRECAST	11.00	15.00	10.00	14.00	9.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00	0.00	-1.00	2.00
20	30" x 30"	PRECAST	10.00	14.00	9.00	13.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00	0.00	-1.00	-2.00	1.00
21	30" x 30"	PRECAST	9.00	13.00	8.00	12.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	0.00
22	30" x 30"	PRECAST	8.00	12.00	7.00	11.00	6.00	5.00	4.00	3.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-1.00
23	30" x 30"	PRECAST	7.00	11.00	6.00	10.00	5.00	4.00	3.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-2.00
24	30" x 30"	PRECAST	6.00	10.00	5.00	9.00	4.00	3.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-3.00
25	30" x 30"	PRECAST	5.00	9.00	4.00	8.00	3.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-4.00
26	30" x 30"	PRECAST	4.00	8.00	3.00	7.00	2.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-5.00
27	30" x 30"	PRECAST	3.00	7.00	2.00	6.00	1.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-6.00
28	30" x 30"	PRECAST	2.00	6.00	1.00	5.00	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-7.00
29	30" x 30"	PRECAST	1.00	5.00	0.00	4.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-8.00
30	30" x 30"	PRECAST	0.00	4.00	-1.00	3.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-9.00
31	30" x 30"	PRECAST	-1.00	3.00	-2.00	2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-10.00
32	30" x 30"	PRECAST	-2.00	2.00	-3.00	1.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-11.00
33	30" x 30"	PRECAST	-3.00	1.00	-4.00	0.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-12.00
34	30" x 30"	PRECAST	-4.00	0.00	-5.00	-1.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-13.00
35	30" x 30"	PRECAST	-5.00	-1.00	-6.00	-2.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-14.00
36	30" x 30"	PRECAST	-6.00	-2.00	-7.00	-3.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-15.00
37	30" x 30"	PRECAST	-7.00	-3.00	-8.00	-4.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-16.00
38	30" x 30"	PRECAST	-8.00	-4.00	-9.00	-5.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-17.00
39	30" x 30"	PRECAST	-9.00	-5.00	-10.00	-6.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-18.00
40	30" x 30"	PRECAST	-10.00	-6.00	-11.00	-7.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-19.00
41	30" x 30"	PRECAST	-11.00	-7.00	-12.00	-8.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-20.00
42	30" x 30"	PRECAST	-12.00	-8.00	-13.00	-9.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-21.00
43	30" x 30"	PRECAST	-13.00	-9.00	-14.00	-10.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-22.00
44	30" x 30"	PRECAST	-14.00	-10.00	-15.00	-11.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-23.00
45	30" x 30"	PRECAST	-15.00	-11.00	-16.00	-12.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-24.00
46	30" x 30"	PRECAST	-16.00	-12.00	-17.00	-13.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-25.00
47	30" x 30"	PRECAST	-17.00	-13.00	-18.00	-14.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-26.00
48	30" x 30"	PRECAST	-18.00	-14.00	-19.00	-15.00	-20.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-27.00
49	30" x 30"	PRECAST	-19.00	-15.00	-20.00	-16.00	-21.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00	-28.00
50	30" x 30"	PRECAST	-20.00	-16.00	-21.00	-17.00	-22.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00	-32.00	-29.00
51	30" x 30"	PRECAST	-21.00	-17.00	-22.00	-18.00	-23.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00	-32.00	-33.00	-30.00
52	30" x 30"	PRECAST	-22.00	-18.00	-23.00	-19.00	-24.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00	-32.00	-33.00	-34.00	-31.00
53	30" x 30"	PRECAST	-23.00	-19.00	-24.00	-20.00	-25.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00	-32.00	-33.00	-34.00	-35.00	-32.00
54	30" x 30"	PRECAST	-24.00	-20.00	-25.00	-21.00	-26.00	-27.00	-28.00	-29.00	-30.00	-31.00</						