

**DRAINAGE NOTES:**

1. ALL DRAINAGE STRUCTURES SHOULD INCLUDE FLAT SLAP TOP.
2. STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE CENTER OF STRUCTURE.
3. DRAINAGE PIPE AND STRUCTURE LOCATIONS ARE BASED ON PROPOSED DRAINAGE PLAN ALIGNMENT
4. DRAINAGE PLAN BENCHMARK:  
 NGS BENCHMARK: POINT ID (PID) AJ2823  
 EB DEVON AVE. ALONG FENCE  
 IN FRONT OF 1572 E. DEVON AVE.  
 ELEVATION = 672.92 FT
5. DRAINAGE PLAN CONTROL PTS.  
 CP1: MANHOLE CENTER OF RIM  
 NB IL 83 BEHIND CURB AND GUTTER  
 IN FRONT OF 2425 E. DEVON AVE  
 ELEVATION = 674.70 FT  
 CP2: MANHOLE CENTER OF RIM  
 SW CORNER OF MARK ST  
 ELEVATION = 674.12 FT
6. DRAINAGE PLAN STATION EQUATION:  
 STA. 1154+64.66 BK = STA. 40+00.00 AH

\* DRAINAGE STRUCTURE SHOULD INCLUDE 18" SLUMP

DRAINAGE STRUCTURES TABLE											
NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA. (FT)	F & G TYPE	RIM ELEV. (FT)	INVERT (FT)	INVERT (FT)	INVERT (FT)
			MH	CB	INL						
1	40+40.0	74.79 LT	EX.			4	1	674.1	666.4 N		
2	43+00.0	72.73 LT		A		4	8	673.5	668.2 N	668.2 S	
3	43+87.6	72.24 LT		EX.		EX.	EX.	673.7	668.4 N	668.4 S	
4	44+11.9	71.62 LT		EX.		EX.	EX.	673.5	668.5 N	668.5 S	
5	46+00.0	71.56 LT		A		4	8	673.0	669.0 N	669.7 S	
6	50+00.0	71.31 LT		A		4	8	671.0	668.0 N		
7	51+00.0	66.86 LT		A		5	8	671.5	667.5 E		
8	51+53.0	68.07 LT		A		4	8	670.5		668.0 S	
9	53+16.6	66.33 LT		A		4	8	673.5		668.5 S	
* 10	51+00.0	0.30 LT		A		4	8	674.5	667.3 NE	667.3 W	
11	50+58.0	76.39 RT		A		4	8	670.3	668.0 NW		
12	51+53.5	50.45 RT		EX.		5	EX.	673.7	666.3 N	667.1 SW	667.5 SE

DRAINAGE PIPE TABLE								
NO.	PIPE LOCATION		STATION - STATION	DESCRIPTION / COMMENTS	DIA. (IN.)	LENGHT (FT)	SLOPE (%)	TRENCH BACKFILL (CY)
	FROM STR.	TO STR.						
1	EX 24"RCP	2	42+37.47 - 43+00.00	SS. CLASS A, TYPE 1	24	60	0.69	-
2	2	EX 24"RCP	43+00.00 - 43+74.60	SS. CLASS A, TYPE 1	24	70	0.24	-
3	EX 24"RCP	5	44+26.11 - 46+00.00	SS. CLASS A, TYPE 1	24	170	0.27	-
4	5	PROP. 18" FES	46+00.00 - 48+25.26	SS. CLASS A, TYPE 1	18	230	1.00	-
5	6	7	50+00.00 - 51+00.00	SS. CLASS A, TYPE 1	18	100	0.50	-
6	7	8	51+00.00 - 51+53.00	SS. CLASS A, TYPE 1	18	50	1.00	-
7	8	9	51+53.00 - 53.16.60	SS. CLASS A, TYPE 1	18	160	0.50	-
8	9	EX 18"RCP	53.16.60 - 53+57.44	SS. CLASS A, TYPE 1	18	40	1.26	-
9	7	10	51+00.00 - 51+00.00	SS. CLASS A, TYPE 1	18	65	0.30	-
10	11	12	51+58.00 - 51+53.50	SS. CLASS A, TYPE 1	15	100	0.50	-