PROJECT REFERENCE NO.	SHEET NO.
U-5810	3D-1

COMPUTED BY:	AMK	DATE:	3/2/2026
CHECKED BY:	CAH	DATE:	3/3/2026

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

LINE & STATION / SIZE / THICKNESS OR GAUGE	OFFSET		STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	% MINIMUM REQUIRED SLOPE	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE, PP, OR PVC	C.S. PIPE 15" .064	18" .064	24" .064	30" .079	36" .079	42" .109	48" .109	R.C. PIPE CLASS III 15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS IV 15"	18"	24"	30"	36"	42"	48"	PIPE AS NOTED 6" HDPE	15" RCP-V	36" WELDED STEEL, IN SOIL	36" WELDED STEEL, NOT IN SOIL
SHEET 2B-1																																													
- DR6_TEMP- 10+88.54	-25	LT	DET04		3267.0																																								
- DET- 12+47.44	6	RT	DET05		3265.5																																								
- DET- 12+47.44	6	RT	DET05	DET06		3253.6	3247.5	2.3%			64							x	x																										
- DET- 13+32.26	18	RT	DET07		3271.4																																								
- DET- 13+32.26	18	RT	DET07	DET03		3265.0	3258.5	0.4%		64								x	x																										
-Y3DET- 10+30.93		CL	DET20							28								x	x																										
SHEET 2B-2																																													
- Y11_DET- 17+62.75	-54	LT	DET08		3130.0																																								
- Y11_DET- 17+62.75	-54	LT	DET08	DET08A		3127.8	3127.7	0.4%		28								x	x																										
- Y11_DET- 15+80.00	25	RT	DET09	DET10		3126.6	3118.3	1.9%		60								x	x																										
- DR25_DET- 10+20.71	-12	LT	DET11		3129.1																																								
- DR25_DET- 10+20.71	-12	LT	DET11	DET10		3126.3	3120.5	1.9%		32							x																												
- Y11_DET- 15+27.78	20	RT	DET10		3123.2																																								
- Y11_DET- 15+27.78	20	RT	DET10	DET14		3118.3	3114.5	0.6%		60								x	x																										
- Y11_DET- 14+73.01	-36	LT	DET13		3115.4																																								
- Y11_DET- 14+73.01	-36	LT	DET13	DET14		3112.4	3111.9	0.6%			52							x	x																										
- Y11_DET- 14+70.00	17	RT	DET14		3118.1																																								
- Y11_DET- 14+70.00	17	RT	DET14	DET12		3111.9	3111.7	0.5%				48						x	x																										
- Y11_DET- 13+00.00	25	RT	DET15	DET15A		3105.8	3101.6	1.1%			68							x	x																										
- Y11_DET- 14+00.00	-22	LT	DET16		3112.4																																								
- Y11_DET- 14+00.00	-22	LT	DET16	DET17		3110.5	3109.9	0.6%																																			48		
Y11_DET- 15+19.62	-26	LT	DET18	DET18A						44																																			
-Y11_DET- 15+76.10	-36	LT	DET19																																										
DETOUR TOTALS									0	316	184	48	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0

LINE & STATION / SIZE / THICKNESS OR GAUGE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) R.C.P.	ENDWALLS C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	LIN. FT. A 5.0' THRU 10.0'	LIN. FT. B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATES STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. TYPE "S" STD. 840.18 OR 840.27	G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH TWO FLAT GRATES STD. 840.20	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	G.D.I. (N.S.) FR. WITH TWO FLAT GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	T.B.J.B STD. 840.34	T.B.D.I. STD. 840.35	STEEL GRATE AND FRAME STD. 840.37	SPRING BOX STD. 840.41	M.H. FRAME AND COVER STD. 840.54	PIPE COLLAR	ADJUST CB	ADJUST DI	BERM DRAINAGE OUTLET STD. (4" CONCRETE PAVED DITCH)	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE	ENERGY DISSIPATOR, SEE DETAIL 2C-7	FLOWABLE FILL (CY)	C.S. PIPE ELBOWS	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
SHEET 2B-1																																													
- DR6_TEMP- 10+88.54			1													1			1																										
- DET- 12+47.44			1																		1																								
- DET- 12+47.44																																									4.2				Plug & Fill after Detour phase
- DET- 13+32.26			1											1					1																										
- DET- 13+32.26																																									2.9				Plug & Fill after Detour phase
-Y3DET- 10+30.93																																												28	Remove after detour phase
SHEET 2B-2																																													
- Y11_DET- 17+62.75			1											1					1																										
- Y11_DET- 17+62.75																																												25	Remove after detour phase
- Y11_DET- 15+80.00																																												56	Remove after detour phase
- DR25_DET- 10+20.71			1									1	1																																
- DR25_DET- 10+20.71																																												32	Remove after detour phase
- Y11_DET- 15+27.78			1									1	1																																
- Y11_DET- 15+27.78																																												58	Remove after detour phase
- Y11_DET- 14+73.01			1												1				1																										
- Y11_DET- 14+73.01																																												51	Remove after detour phase
- Y11_DET- 14+70.00			1																	1				1																				
- Y11_DET- 14+70.00																																												47	Remove after detour phase
- Y11_DET- 13+00.00																																												67	Remove after detour phase
- Y11_DET- 14+00.00			1											1					1																										
- Y11_DET- 14+00.00																																												48	Remove after detour phase
Y11_DET- 15+19.62																																												43	Remove after detour phase
-Y11_DET- 15+76.10			1																	1																									
DETOUR TOTALS	0	0	10	0.0	0.0	0	0	0	0	0	0	2	2	0	2	3	0	0	3	2	3	0	0	0	0	2	0	0	0	0	0	7.1		0	0	455	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	(NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX

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