12/06/07

PROJECT REFERENCE NO.	SHEET NO.
U-5810	3D-6

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	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
SHEET 8																				
- L2- 58+75.00	-17	LT	801		3130.0															
- L2- 58+75.00		LT	801	828		3127.0	3127.0	0.5%												
-L2- 59+18.08	35	RT	831							20										
-L2- 60+23.99	30	RT	830							24										
- Y9- 10+30.00		RT	805	806		3131.7	3131.5	0.5%												
-L2- 63+73.07	43	RT	820							24										
- L2- 71+10.00	-17	LT	827		3128.7															
- L2- 71+10.00		LT	827	825		3116.7	3116.2	0.6%												
- L2- 70+25.00	-17	LT	825		3128.2															
- L2- 70+25.00		LT	825	824		3116.2	3115.7	0.6%												
- L2- 69+50.00	-17	LT	824		3127.8															
- L2- 69+50.00		LT	824	826		3115.7	3115.2	0.6%												
- L2- 68+73.00	-17	LT	826		3127.8															
- L2- 68+73.00		LT	826	822		3115.2	3114.7	0.7%												
- L2- 67+54.65	17	RT	821		3126.4															
- L2- 67+54.65		RT	821	822		3123.1	3123.0	0.4%												
- L2- 67+56.21	-17	LT	822		3127.7															
- L2- 67+56.21		LT	822	823		3107.9	3107.5	0.7%												
- L2- 63+73.00	-17	LT	817		3125.8															
- L2- 63+73.00		LT	817	814		3122.8	3122.3	0.5%												
-L2- 65+20.02	32	RT	819							24										
- L2- 66+00.00	17	RT	829		3125.1															
- L2- 66+00.00		RT	829	818		3121.3	3120.9	0.4%												
- L2- 65+03.40	17	RT	818		3125.2															
- L2- 65+03.40		RT	818	808		3120.9	3120.8	0.6%												
- L2- 64+87.00	-17	LT	811		3125.8															
- L2- 64+87.00		LT	811	812		3115.0	3111.3	0.5%												
SHEET TOTALS									0	92	0	0	0	0	0	0				

LINE & STATION	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	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.
SHEET 8																											
- L2- 58+75.00																											
- L2- 58+75.00								8																			
-L2- 59+18.08																											
-L2- 60+23.99																											
- Y9- 10+30.00																	40										
-L2- 63+73.07																											
- L2- 71+10.00																											
- L2- 71+10.00																			84								
- L2- 70+25.00																											
- L2- 70+25.00																			72								
- L2- 69+50.00																											
- L2- 69+50.00																			76								
- L2- 68+73.00																											
- L2- 68+73.00																			116								
- L2- 67+54.65																											
- L2- 67+54.65																32											
- L2- 67+56.21																											
- L2- 67+56.21													52														
- L2- 63+73.00																											
- L2- 63+73.00								108																			
-L2- 65+20.02																											
- L2- 66+00.00																											
- L2- 66+00.00								96																			
- L2- 65+03.40																											
- L2- 65+03.40								20																			
- L2- 64+87.00																											
- L2- 64+87.00								16																			
SHEET TOTALS	0	0	0	0	0	0	0	248	0	0	0	0	52	0	0	32	40	0	348	0	0	0	0	0	0	0	0

LINE & STATION	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	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
SHEET 8									
- L2- 58+75.00	1			1	1				
- L2- 58+75.00									
-L2- 59+18.08									
-L2- 60+23.99									
- Y9- 10+30.00									
-L2- 63+73.07									
- L2- 71+10.00	1	5.0	2.0	1		1			
- L2- 71+10.00									
- L2- 70+25.00	1	5.0	2.1	1		1			
- L2- 70+25.00									
- L2- 69+50.00	1	5.0	2.2	1		1			
- L2- 69+50.00									
- L2- 68+73.00	1	5.0	2.6	1		1			
- L2- 68+73.00									
- L2- 67+54.65	1			1			1		
- L2- 67+54.65									
- L2- 67+56.21	1	5.0	9.9	1		1			
- L2- 67+56.21									
- L2- 63+73.00	1			1			1		
- L2- 63+73.00									
-L2- 65+20.02									
- L2- 66+00.00	1			1			1		
- L2- 66+00.00									
- L2- 65+03.40	1			1	1				
- L2- 65+03.40									
- L2- 64+87.00	1	5.0	0.9	1			1		
- L2- 64+87.00									
SHEET TOTALS	11	30.0	19.7	11	2	5	4	0	0

LINE & STATION	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 "B" 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	TBJB 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 8																											
- L2- 58+75.00																											
- L2- 58+75.00																											
-L2- 59+18.08																										22	Driveway pipe
-L2- 60+23.99																										28	Driveway pipe
- Y9- 10+30.00																										50	
-L2- 63+73.07																										38	Driveway pipe
- L2- 71+10.00																											
- L2- 71+10.00																											
- L2- 70+25.00																											
- L2- 70+25.00																											
- L2- 69+50.00																											
- L2- 69+50.00																											
- L2- 68+73.00																											
- L2- 68+73.00																											
- L2- 67+54.65																											
- L2- 67+54.65																										36	
- L2- 67+56.21																											Sp. Det. Extra depth CB
- L2- 67+56.21																											
- L2- 63+73.00																											
- L2- 63+73.00																											
-L2- 65+20.02																											Driveway pipe
- L2- 66+00.00																											
- L2- 66+00.00																										31	
- L2- 65+03.40																											
- L2- 65+03.40																											
- L2- 64+87.00																											
- L2- 64+87.00																											
SHEET TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	205	

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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