

DRAINAGE DETAIL SHEET

STATION	STATION	POS	PIPE NUMBER	INLET/OUTLET TYPE		DITCH	PIPE ARCH		PIPE		ALLOWABLE OPTIONS										DEPTH CB FT	CONC CLASS	REIN STEEL	GR GRATE	CHAN ELEV	CRM	TRENCH		CONM EXC	LWC CHAN DOW	STRUCT EXCAV	GRAN BKILL DIRT/OT	GRAN BORR	EROS MAT	STONE FILL		MARKER POSTS		REMARKS
				INLET	OUTLET		IN	OUT	SPAN IN	RISC IN	L FT	D IN	L FT	PCOSP TH	CAAP TH	RCP CL	CBP TH	CPEP SL	CPEP	PIPE BLOW NO. DEG							ES EA	CB EA							DEPTH CB FT	CONC CLASS	REIN STEEL	GR GRATE	
EXISTING DRAINAGE																																							
101+68.18	101+26.64	LT-LT	DI	OL																													RETAIN 18" CPEP AND CONCRETE DI						
102+68.46	102+63.77	LT-RT	HW	OL																													REMOVE 24" X 84" CGMP & HEADWALL						
108+17.21	108+15.99	LT-RT	HW	HW																													REMOVE 18" X 33" CGMP & HEADWALLS (2)						
111+40.70	111+09.21	LT-LT	DI	OL																													RETAIN 15" CGMP						
301+00.76	300+59.56	LT-RT	DI	OL																													REMOVE 15" X 51" CPEP AND CONCRETE DI						
PROPOSED DRAINAGE																																							
304+25.00	303+77.96	LT-LT	CB-1	CB-3				18	140																								4" DIAMETER PRC CATCH BASIN @ 304+25.00 LT						
304+25.00	303+17.00	RT-RT	CB-2	CB-4				18	108																								4" DIAMETER PRC CATCH BASIN @ 304+25.00 RT						
303+17.00	302+00.00	LT-LT	CB-3	CB-5				18	154																								4" DIAMETER PRC CATCH BASIN @ 303+17.00 LT						
303+17.00	302+00.00	RT-RT	CB-4	CB-6				18	116																								4" DIAMETER PRC CATCH BASIN @ 303+17.00 RT						
302+00.00	301+00.00	LT-LT	CB-5	CB-7				18	100																								4" DIAMETER PRC CATCH BASIN @ 302+00.00 LT						
302+00.00	301+00.00	RT-RT	CB-6	CB-8				18	96																								4" DIAMETER PRC CATCH BASIN @ 302+00.00 RT						
301+00.00	301+00.00	LT-RT	CB-7	CB-6				18	22																								4" DIAMETER PRC CATCH BASIN @ 301+00.00 LT						
301+00.00	300+70.00	RT-RT	CB-8	CB-9				24	25.5																								4" DIAMETER PRC CATCH BASIN @ 301+00.00 RT						
300+70.00	300+50.00	RT-RT	CB-9	CB-10				24	20.33																								4" DIAMETER PRC CATCH BASIN @ 300+70.00 RT						
300+50.00	108+48.00	RT-LT	CB-10	CB-11				24	33.5																								4" DIAMETER PRC CATCH BASIN @ 300+50.00 RT						
108+48.00	108+40.00	LT-RT	CB-11	OL				30	70																								5" DIAMETER PRC CATCH BASIN @ 108+48.00 LT						
107+29.41	106+10.00	LT-LT	CB-12	CB-13				18	130																								4" DIAMETER PRC CATCH BASIN @ 107+29.41 LT						
106+10.00	105+00.00	LT-LT	CB-13	CB-14				18	98																								4" DIAMETER PRC CATCH BASIN @ 106+10.00 LT						
105+00.00	104+50.00	LT-LT	CB-14	CB-15				24	48.5																								4" DIAMETER PRC CATCH BASIN @ 105+00.00 LT						
104+50.00	103+45.00	LT-LT	CB-15	CB-16				24	11																								4" DIAMETER PRC CATCH BASIN @ 104+50.00 LT						
103+45.00	103+00	LT-LT	CB-16	ES				24	49.5																								4" DIAMETER PRC CATCH BASIN @ 103+45.00 LT CONSTRUCT CONCRETE STRAIGHT HEADWALL @ 103+45.00 LT OUTLET REPLACED W/ 24" CPEPES						
102+68.76	102+66.76	LT-RT	HW-2	HW-3				48	95	0.109	0.105																						CONSTRUCT CONCRETE STRAIGHT HEADWALLS @ INLET & OUTLET REMOVE EXISTING CONCRETE HEADWALL AND PLUG EXISTING 24" RCP @ APPROX. STA 102+63.00 OFFSET 66.9' RT (PIPE BENEATH KILBURN ROAD)						
TOTALS																																							
									18"	964	CPEP (SL) / RCP CLASS III	4'	CB	=15	19.22	2358	D = 12 A = 4	1858.1	17.46																				