

DRAINAGE DETAIL SHEET

STATION	STATION	POS.	PIPE NUMBER	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE					ALLOWABLE OPTIONS						PIPE ELBOW NO. DEG	ES EA	CB EA	DEPTH DI FT	CONC CLASS B CY	REINF STEEL LBS	DI GRATE TYPE	CHAN ELEV EA	CRM CY	TRENCH EXCAVATION		COMM EXC CY	UNC CHAN EXC CY	STRUCT EXCAV CY	GRAN BK FILL STRUCT CY	GRAN BORR CY	EROS MATT SY	STONE FILL		MARKER POSTS		REMARKS
				INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL TH	CSP TH	CPEP SL	CPEP	EARTH CY	ROCK CY	CY										CY	CY							CY	CY	CY	CY	
EXISTING DRAINAGE																																											
167+13.93	166+94.09	LT-LT	1																																		REMOVE 18" X 20" PIPE						
167+86.59	168+06.53	LT-LT	2																																	REMOVE 15" X 20" PIPE							
168+82.53	169+12.57	LT-LT	3																																	REMOVE 15" X 30" PIPE							
169+88.96	170+18.86	LT-LT	4																																	REMOVE 15" X 30" PIPE							
170+91.89	171+29.67	LT-LT	5																																	REMOVE 15" X 38" PIPE							
172+82.54	173+24.58	LT-RT	6	DI	OL																															RETAIN 24" PIPE AND REMOVE DI 601.995 CLEANING CULV. PIPE, IN-PLACE (0 TO 24") REMOVE 24" X 32" PIPE AND DI							
200+40.31	172+82.87	LT-LT	7	DI	DI																															RETAIN 24" PIPE							
202+99.35	200+40.31	LT-LT	8	DI	DI																															REMOVE 18" X 37" PIPE AND DI							
173+69.64	174+03.62	LT-LT	9	DI	OL																															RETAIN 48" PIPE 601.996 CLEANING CULV. PIPE, IN-PLACE (> 24") REMOVE 15" X 75" PIPE							
174+06.89	174+09.36	LT-RT	10	CH	CH																																						
175+58.83	174+83.91	RT-RT	11																																								
PROPOSED DRAINAGE																																											
167+15.00	166+90.00	LT-LT	1						15	25	X																									DRIVE PIPE							
168+18.00	167+75.00	LT-LT	2						15	43	X																										DRIVE PIPE						
169+20.00	168.75.00	LT-LT	3						15	45	X																										DRIVE PIPE						
170+25.00	169+85.00	LT-LT	4						15	40	X																									DRIVE PIPE							
200+29.01	172+82.09	LT-LT	5	CB-5	CB-4				24	19																										4' DIAMETER PRC CATCH BASIN @ 200+29.01 LT							
200+45.44	200+29.01	LT-LT	6	CB-6	CB-5				24	21																										4' DIAMETER PRC CATCH BASIN @ 200+45.44 LT ATTACH EXISTING PIPE #8 TO NEW CATCH BASIN #6							
173+72.03	174+03.62	LT-LT	7	CB-7	OL				18	34																										4' DIAMETER PRC CATCH BASIN @ 173+72.03 LT							
174+86.00	174+25.00	RT-RT	8	CB-8	OL				18	61																										4' DIAMETER PRC CATCH BASIN @ 174+86.00 RT							
175+61.82	174+86.00	RT-RT	9	CB-9	CB-8				18	76																										4' DIAMETER PRC CATCH BASIN @ 175+61.82 RT							
172+82.54		LT	CB-4																																	4' DIAMETER PRC CATCH BASIN @ 172+82.54 LT ATTACH EXISTING PIPE #6 TO NEW CATCH BASIN #4							
TOTALS									15"	153'	CPEP / PCCSP																																
									18"	34'	CPEP																																
									18"	137'	CPEP (SL) / RCP CLASS III																																
									24"	40'	CPEP (SL) / RCP CLASS III																																

PROJECT NAME: ESSEX TOWN
PROJECT NUMBER: STP 5400 (5)
FILE NAME: t97d002frm.dgn
PROJECT LEADER: J. SCHULTZ
DESIGNED BY: D. LYMAN
DRAINAGE DETAIL SHEET
PLOT DATE: 14-SEP-2012
DRAWN BY: D. LYMAN
CHECKED BY: J. DEVLIN
SHEET II OF 64