STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

VAOT Metric

DRAINAGE STRUCTURES

STATION km + m	STATION km + m	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	RCCD I	DEPTH DI /CB mm	CONC CL B	REINF STEEL	DI GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS		REMARKS
				INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL mm	PCCSP PI mm	NO. DEG	EA	EA		mm	m^3	kg	TYPE	EA	m^3	EARTH m^3	ROCK m^3	m^3	m^3	m^3	m^3	m^3	m^2	m^3	TYPE	LT ea	RT ea	
MAIN LINE WEST OF BROOK																																							
15+032	15+046.5	RT.			C/B	X					450	13	1.63															5.9												PLUG PIPE @ STA. 15+032 FOR FUTURE USE.
15+048	15+061	RT.																																						REMOVE EXISTING DR. CULVERT(REMOVE WITH COMMON)
15+046.5	15+098	RT.		C/B	C/B						450	51	1.63	1.52	III		X				I		1840					30.2												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+098	15+156.5	RT.		C/B	C/B						450	57	1.63	1.52	III		X				I		2070					26.8												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+100	15+106	RT.																																						REMOVE EXISTING 380mm ACCGMP(REMOVE WITH COMMMON)
15+121	15+153	RT.																																						REMOVE EXISTING 450mm X 33M PIPE(REMOVE WITH COMMON)
15+153	15+156	RT.																																						REMOVE EXISTING 300mm X 3M PIPE(REMOVE WITH COMMON)
15+156.5	15+189.5	RT.		C/B	C/B						450	32	1.63	1.52	III		X				I		2060					31.7												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+124	15+173.5	LT.		C/B	C/B						450	49	1.63	1.52	III		X				I		1900					20.2												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+173.5	15+191	LT.		C/B	C/B						450	17	1.63	1.52	III		X				I		2070					17.8												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+191 LT.	15+189.5 RT.	C/L	35°-23'-43" RT.	C/B	C/B						450	5	1.63	1.52	III		X				I		3020					23.0												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+189.5	15+214	RT.		C/B	C/B						750	23	2.01	1.91	III		X				I		3100					58.1												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+191		RT.																										50.0	2											REMOVE EXIST. DI &PIPE. PIPE TYPE AND LOCATION UNKNOWN.
15+214	15+258.5	RT.		C/B	C/B						750	44	2.01	1.91	III		X				I		2800					60.4												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+258.5	15+276	RT.		C/B	C/B						750	16.5	2.01	1.91	III		X				I		1920					14.8												CONCRETE CB @ INLET & OUTLET W/ CI GRATE. TYPE D.
15+276	15+280	RT.		C/B	DITCH						750	6	2.01								I		1250					17.4								2.1	II			CONCRETE CB @ INLET. W/CI GRATE- (WITH STONE FILL TYPE II @OUTLET)
15+281		C/L																																						RETAIN EXISTING 7'-8" X 5'-5" CGMP
TH * 16																																								
26+039 RT	26+036.5 LT	C/L	14°-59'-50" LT.	DI	DI						450	5	1.63	1.52	III		X						1140	1.61	79.7	D		3.6												CONCRETE DI @ INLET & OUTLET W/ CI GRATE. TYPE D.
26+036.5	26+013.5	LT.		DI	DI						450	23	1.63	1.52	III		X						1310	1.91	92.9	D		11.9												CONCRETE DI @ INLET & OUTLET W/ CI GRATE. TYPE D.
TH 26+013.5	M/L 15+191	LT.		DI	C/B						450	16	1.63	1.52	III		X						1550	2.16	105	D		41.3												CONCRETE DI @ INLET & CB @ OUTLET W/ CI GRATE. TYPE D.
TOTALS FOR SHEET											450	255.0	1.63	1.52	III		X				10			5.68	277.6	3-D		413.1	2							2.1	II			
											450	13.0	1.63																											
											750	83.5	2.01	1.91	III		X																							
											750	6.0	2.01																											

PROJECT NAME: FRANKLIN
PROJECT NUMBER: STP 0301(18)

FILE NAME: ...85c060/design/dc060pms.dgn
PROJECT LEADER: DELLASANTA
DESIGNED BY: SQUAD B
IPAM FILE NAME: (2)dc060dr1.i

PLOT DATE: 31-MAR-2003
DRAWN BY: SQUAD B
CHECKED BY: SQUAD B