ITEM DETAIL SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

UNDERDRAIN

EAST SIDE OF ROUTE 7

SEE NOTE	FROM STATION	DI NO./ OFFSET	PIPE INVERT	PIPE DIAMETER	DIST. ABOVE STATION	U-DRAIN INVERT	TO STATION	DI NUMBER	U-DRAIN INVERT	COMBINED TRENCH	U-DRAIN ONLY	LENGTH	REMARKS
*	11+20	20' RT	182.00	–	–	182.00	263+14	C-2	172.19		X	280	
	263+14	C-2	172.19	1.5	0.5	174.19	260+95	B-3	164.24	X		219	FLUSHING BASIN @ STA. 263+14
	269+00	30' RT	181.38	–	–	181.38	266+55	C-6	180.97		X	245	
	269+00	30' RT	181.38	–	–	181.38	274+15	E-2	178.17		X	515	
	274+15	E-2	178.17	1.5	0.5	180.17	277+15	E-5	176.64	X		298	FLUSHING BASIN @ STA. 274+15
	277+15	E-5	176.64	1.5	0.5	178.64	279+84	F-3	172.18	X		267	FLUSHING BASIN @ STA. 277+15
	279+84	F-3	172.18	–	0.5	172.68	283+75	F-6	167.84		X	391	FLUSHING BASIN @ STA. 279+84
	283+75	F-6	167.84	1.5	0.5	169.84	285+55	G-2	166.68	X		178	FLUSHING BASIN @ STA. 283+75
	285+55	G-2	166.68	1.5	0.5	168.68	288+95	G-9	163.69	X		338	FLUSHING BASIN @ STA. 285+55
	288+95	G-9	163.19	1.5	0.5	165.19	292+65	H-3	158.60	X		368	FLUSHING BASIN @ STA. 288+95
	301+46.60	37' RT	165.01	1.5	0.5	167.01	298+48	I-9	163.02		X	299	
	298+48	I-9	163.02	1.5	0.5	165.02	295+35	H-10	161.47	X		311	FLUSHING BASIN @ STA. 298+48
	295+35	H-10	161.47	1.5	0.5	163.47	294+70	H-8	161.14	X		63	FLUSHING BASIN @ STA. 295+35
	294+70	H-8	161.14	1.5	0.5	163.14	292+65	H-3	158.60	X		203	FLUSHING BASIN @ STA. 294+70
	301+46.60	37' RT	165.01	–	–	165.01	304+60	J-2	160.80		X	313	
	304+60	J-2	160.80	1.5	0.5	162.80	308+27	J-6	157.44	X		365	FLUSHING BASIN @ STA. 304+60
	308+27	J-6	157.44	1.5	0.5	159.44	310+04	K-10	155.70	X		175	FLUSHING BASIN @ STA. 308+27
	310+04	K-10	155.70	1.5	0.5	157.70	311+~~48~~ 30	K-2	154.87		X	144	FLUSHING BASIN @ STA. 310+04
	311+~~48~~ 30	K-2	154.87	1.5	0.5	156.87	314+40	K-8	152.44	X		290	FLUSHING BASIN @ STA. 311+48
	314+40	K-8	152.44	1.5	0.5	154.44	316+11	L-3	150.48	X		169	FLUSHING BASIN @ STA. 314+40
	318+35	L-12	149.08	1.5	0.5	151.08	316+11	L-3	147.61	X		222	FLUSHING BASIN @ STA. 318+35
	319+15	37' RT	147.39	1.5	0.5	149.39	320+35	L-9	145.98		X	120	
	356+65	R-8	186.70	2.0	0.5	189.20	353+50	R-4	185.12		X	295	
	353+50	R-4	184.62	2.0	0.5	187.12	351+25	R-7	181.14	X		223	FLUSHING BASIN @ STA. 353+50
*	253+74	AF-2	190.36	1.5	0.5	192.36	252+50	AF-1	186.70		X	125	FLUSHING BASIN @ STA. 253+74
*	252+50	AF-1	186.70	1.5	0.5	188.70	250+66	Q-15	181.85	X		182	FLUSHING BASIN @ STA. 252+50
*	250+66	Q-15	181.85	1.5	0.5	183.85	351+25	R-7	181.14	X		42	FLUSHING BASIN @ STA. 250+66
	351+25	R-7	180.64	2.0	0.5	183.14	349+25	Q-9	178.21	X		125	FLUSHING BASIN @ STA. 351+25
	349+25	Q-9	178.21	2.0	0.5	180.71	346+81	Q-7	175.07	X		244	FLUSHING BASIN @ STA. 349+25
	346+81	Q-7	175.07	2.0	0.5	177.57	345+00	P-13	172.71	X		181	FLUSHING BASIN @ STA. 346+81
	345+00	P-13	171.89	2.0	0.5	174.39	343+00	P-11	168.44	X		198	FLUSHING BASIN @ STA. 345+00
	343+00	P-11	168.44	2.0	0.5	170.94	341+50	P-8	165.86	X		148	FLUSHING BASIN @ STA. 343+00
	341+50	P-8	165.36	2.5	0.5	168.36	340+00	P-4	163.83	X		148	FLUSHING BASIN @ STA. 341+50
	340+00	P-4	163.33	2.5	0.5	166.33	338+00	O-13	161.91	X		198	FLUSHING BASIN @ STA. 340+00
	338+00	O-13	161.41	2.5	0.5	164.41	336+00	O-5	159.92	X		198	FLUSHING BASIN @ STA. 338+00
	336+00	O-5	159.92	2.5	0.5	162.92	333+50	O-2	158.07	X		248	FLUSHING BASIN @ STA. 336+00
	333+50	O-2	158.07	2.5	0.5	161.07	332+61	N-10	157.41	X		87	FLUSHING BASIN @ STA. 333+50
	332+61	N-10	156.91	2.5	0.5	159.91	329+10	N-5	154.30	X		349	FLUSHING BASIN @ STA. 332+61
	329+10	N-5	154.30	2.5	0.5	157.30	326+20	M-10	151.26	X		288	FLUSHING BASIN @ STA. 329+10
	326+20	M-10	151.26	2.5	0.5	154.26	324+37	M-14	149.00	X		183	FLUSHING BASIN @ STA. 326+20
	324+37	M-14	149.73	2.5	0.5	152.73	323+67	M-5	148.50		X	70	FLUSHING BASIN @ STA. 324+37
	323+67	M-5	148.50	2.5	0.5	151.50	320+75	L-11	145.53		X	292	FLUSHING BASIN @ STA. 323+67
	320+75	L-11	146.20	1.5	0.5	148.20	320+35	L-9	145.98	X		38	FLUSHING BASIN @ STA. 320+75
*	133+83	AE-6	150.15	1.5	0.5	152.15	131+26	AE-2	148.31		X	257	FLUSHING BASIN @ STA. 133+83
										SUB-TOTAL		9,708	

EAST SIDE OF ROUTE 7

SEE NOTE	FROM STATION	DI NO./ OFFSET	PIPE INVERT	PIPE DIAMETER	DIST. ABOVE STATION	U-DRAIN INVERT	TO STATION	DI NUMBER	U-DRAIN INVERT	COMBINED TRENCH	U-DRAIN ONLY	LENGTH	REMARKS
*	133+83	AE-5	149.50	1.5	0.5	151.50	131+26	AE-1	148.44		X	257	FLUSHING BASIN @ STA. 133+83
	356+45.18	37' RT	191.35	–	–	191.35	359+10	S-3	189.56		X	265	
	359+10	S-3	187.93	2.0	0.5	190.43	356+65	R-8	186.70	X		245	FLUSHING BASIN @ STA. 356+65
	359+98	S-5	186.70	2.0	0.5	189.20	359+10	S-3	187.93	X		88	FLUSHING BASIN @ STA. 359+10
	365+58.15	37' RT	191.75	–	–	191.75	364+70	T-8	191.10		X	88	
	364+70	T-8	191.10	1.5	0.5	193.10	362+30	S-12	190.02	X		240	FLUSHING BASIN @ STA. 364+70
	362+30	S-12	190.02	1.5	0.5	192.02	360+55	S-9	189.15	X		173	FLUSHING BASIN @ STA. 362+30
	360+55	S-9	189.15	1.5	0.5	191.15	359+98	S-5	188.87	X		55	FLUSHING BASIN @ STA. 360+55
	365+58.15	37' RT	191.75	–	–	191.75	367+80	T-12	190.74		X	222	
	367+80	T-12	190.74	1.5	0.5	192.74	369+35	U-15	189.98	X		153	FLUSHING BASIN @ STA. 367+80
	369+35	U-15	189.98	1.5	0.5	191.98	371+50	U-4	187.86	X		213	FLUSHING BASIN @ STA. 369+35
*	320+95	12' RT	192.39	–	–	192.39	371+50	U-4	187.86		X	71	
*	320+95	12' LT	192.39	–	–	192.39	372+24	U-16	189.16		X	66	
	372+24	U-16	189.16	1.5	0.5	191.16	374+55	U-12	184.99		X	231	FLUSHING BASIN @ STA. 372+24
	374+55	U-12	189.16	1.5	0.5	191.16	376+20	33' RT	191.16		X	165	FLUSHING BASIN @ STA. 374+55
										SUB-TOTAL		2,532	
										EAST SIDE OF ROUTE 7: TOTAL		12,240	

DATUM
VERTICAL NGVD 1929
HORIZONTAL NAD 1927

NOTE
(*) = SIDE STREET OR JUGHANDLE OR DRIVE

RECORD DRAWING REVISIONS

NO.	DATE	DESCRIPTION
1.	7/24/09	FIELD MARK UPS ADDED TO THE PLANS

7/20/04

SHELBURNE

SURVEYED BY V.S.C. INC. DATE
DRAWN BY E.A.A. INC. DATE
TRACED BY E.A.A. INC. DATE

UNDERDRAIN

PROJECT NH-EGC-019-4(27)
ITEM DETAIL DRAWING NO. 1
SHEET NO. 74 OF 537