ITEM DETAIL SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

UNDERDRAIN

EAST SIDE OF ROUTE 7

INITIAL DATE	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
GLW 7/22/04	~~376+20~~ 374+66	33' RT	189.16	1.5	0.5	191.16	376+43	V-1	~~181.02~~ 181.20		X	~~186~~ 175	FLUSHING BASIN @ STA. 374+55
GLW 7/20/04	376+43	V-1	~~181.02~~ 181.09	1.5	0.5	183.02	378+57	V-6	~~174.83~~ 174.60	X		212 ✓	FLUSHING BASIN @ STA. 376+43
GLW 7/13/04	378+57	V-6	~~174.83~~ 174.60	1.5	0.5	176.83	380+27	V-12	~~172.00~~ 169.74	X		~~168~~ 169	FLUSHING BASIN @ STA. 378+57
GLW 7/8/04	380+27	V-12	~~169.38~~ 169.42	1.5	0.5	171.38	382+50	W-16	~~165.78~~ 165.80	X		~~221~~ 222	FLUSHING BASIN @ STA. 380+27
GLW 7/30/04	*341+57	W-7	172.85	1.5	0.5	174.85	340+45	W-6	~~166.21~~ 166.48		X	~~110~~ 107	FLUSHING BASIN @ STA. 341+57
STW 8/17/04	*340+45	W-6	166.21	1.5	0.5	168.21	382+50	W-16	165.78		X	~~100~~ 98.5	FLUSHING BASIN @ STA. 340+45
GLW 8/04/04	*342+20	W-18	174.00 174.01	1.5	0.5	176.00	341+55	W-11	~~169.47~~ 172.86	X		~~63~~ 64	FLUSHING BASIN @ STA. 342+20
GLW 7/30/04	*341+55	W-11	~~173.21~~	1.5	0.5	175.21	383+93	W-15	~~162.66~~ 163.07		X	~~112~~ 101.5	FLUSHING BASIN @ STA. 341+55
GLW 9/1/04	383+93	W-15	162.66	1.5	0.5	164.66	385+55	W-3	~~159.42~~ 159.68	X		~~165~~ 163	FLUSHING BASIN @ STA. 383+93
STW 8/27/04	385+55	W-3	159.42	1.5	0.5	161.42	387+30	X-2	157.88	X		~~173~~ 175	FLUSHING BASIN @ STA. 385+55
STW 8/24/04	~~387+30~~ 387+32	X-2	157.88	1.5	0.5	159.88	389+93	X-5	154.17	X		~~261~~ 265	FLUSHING BASIN @ STA. 387+30
STW 8/14/04	*389+93	X-5	~~154.17~~ 154.35	1.5	0.5	156.17	370+50	X-7	152.96	X		~~30~~ 31	FLUSHING BASIN @ STA. 389+93
ABA 9/27/04	*371+00	16' RT	~~156.35~~ 155.20	–	0.5	156.35	370+50	X-7	152.96		X	~~48~~ 50	
ABA 9/28/04	*371+00	16' LT	~~156.35~~ 155.20	–	0.5	156.35	370+50	X-11	~~152.17~~ 152.50		X	~~48~~ 50	
ABA 10/15/04	*370+50	X-11	152.17	1.5	0.5	154.17	~~393+20~~ 393+98	Y-2	~~150.70~~ 150.16		X	~~278~~ 357	FLUSHING BASIN @ STA. 370+50
GLW 9/23/04	~~393+20~~ 393+98	Y-2	~~150.70~~ 150.16	1.5	0.5	~~152.70~~ 152.16	395+15	Y-4	~~149.20~~ 149.10	X		~~193~~ 116	FLUSHING BASIN @ STA. 393+20
GLW 9/21/04	395+15	Y-4	~~149.20~~ 149.13	1.5	0.5	151.20	396+74	Y-13	~~148.20~~ 147.90	X		~~157~~ 159	FLUSHING BASIN @ STA. 395+15
GLW 9/21/04	396+74	Y-13	148.20	1.5	0.5	150.20	397+14	Y-6	~~147.90~~ 147.67	X		~~38~~ 40	FLUSHING BASIN @ STA. 396+74
GLW 9/14/04	397+14	Y-6	147.90	1.5	0.5	149.90	400+05	Z-2	~~146.65~~ 147.76		X	~~289~~ 290	FLUSHING BASIN @ STA. 397+14
ABA 8/24/04	400+05	Z-2	~~146.65~~ 146.60	1.5	0.5	148.65	402+70	Z-4	~~144.51~~ 144.19	X		263	FLUSHING BASIN @ STA. 400+05
ABA 8/07/04	402+70	Z-4	~~144.01~~ 144.19	1.5	0.5	146.01	405+24	AA-2	~~142.73~~ 142.60	X		~~252~~ 250	FLUSHING BASIN @ STA. 402+70
	*405+24	AA-2	143.73	1.5	0.5	145.73	390+53	AA-4	142.44	X		50	FLUSHING BASIN @ STA. 405+24
ABA 9/17/04	~~*393+10~~ 393+26	15' RT	~~156.61~~ 157.20	–	–	~~156.61~~ 157.20	390+53	AA-4	~~142.44~~ 142.98		X	~~256~~ 275	NOT DONE!!!!!
ABA 9/21/04	~~*393+05~~ 393+13	15' LT	~~156.44~~ 159.44	–	–	~~156.44~~ 159.44	390+53	AA-7	~~142.24~~ 142.64		X	~~251~~ 260	FLUSHING BASIN @393+13(NOT MODIFIED)
	*390+53	AA-7	142.44	1.5	0.5	144.44	406+48	AA-25	141.62	X		38	FLUSHING BASIN @ STA. 390+53
	~~*440+65~~	~~23' LT~~	~~177.69~~	–	–	~~177.69~~	~~428+71~~	~~AD-20~~	~~177.53~~		~~X~~	~~40~~	FLUSHING BASIN @ 440+65
RRP 10/06/04	~~*440+65~~	~~15' RT~~ AD-20	~~177.69~~ 178.75	1.5	0.5	177.69	428+02	AD-17	~~176.37~~ 177.46	X	X	~~40~~ 68	CROSSING IMPERIAL DRIVE
RRP 10/05/04	428+02	AD-17	~~176.37~~ 177.19	1.5	0.5	178.37	426+20	AD-10	~~172.45~~ 174.28	X		~~180~~ 179	FLUSHING BASIN @ STA. 428+02
RRP 9/30/04	426+20	AD-10	~~172.45~~ 173.93	1.5	0.5	174.45	424+80	AD-5	~~168.94~~ 169.19	X		138 ✓	FLUSHING BASIN @ STA. 426+20
RRP 9/28/04	424+80	AD-5	168.94	1.5	0.5	170.94	421+70	AC-10	~~160.01~~ 160.03	X		~~268~~ 309	FLUSHING BASIN @ STA. 424+40
ABA 9/13/04	421+70	AC-10	159.51	1.5	0.5	161.51	418+70	AC-3	~~153.65~~ 153.36	X		~~298~~ 300	FLUSHING BASIN @ STA. 421+70
RRP 6/23/04	*420+35	23' RT	167.08	–	–	167.08	421+00	AD-28	~~164.86~~ 164.86		X	~~60~~ 50	
RRP 7/13/04	*421+69	19' RT	164.70	–	–	164.70	412+96	AC-18	162.71		X	125	
RRP 6/18/04	*412+96	AC-18	~~162.71~~ 162.67	1.5	0.5	164.71	411+65	AC-11	~~160.51~~ 160.57	X		~~129~~ 130	FLUSHING BASIN @ STA. *412+96
ABA 9/13/04	*411+65	AC-11	160.51	1.5	0.5	162.51	418+70	AC-3	~~153.65~~ 153.36		X	266 264	FLUSHING BASIN @ STA. *411+65
RRP 9/21/04	418+70	AC-3	~~153.65~~ 153.36	1.5	0.5	155.65	417+36	AC-15	~~150.33~~ 150.29	X		~~132~~ 131	FLUSHING BASIN @ STA. 418+70
ABA 9/24/04	417+36	AC-15	~~150.33~~ 150.29	1.5	0.5	152.33	414+25	AB-8	146.84		X	~~309~~ 310	FLUSHING BASIN @ STA. 417+36
ABA 9/02/04	414+25	AB-8	146.84	1.5	0.5	148.84	412+60	AB-4	~~145.93~~ 145.67	X		163 ✓	FLUSHING BASIN @ STA. 414+25
ABA 8/31/04	412+60	AB-4	~~145.43~~ 145.37	1.5	0.5	147.43	410+35	AA-24	~~144.30~~ 145.67	X		223 ✓	FLUSHING BASIN @ STA. 412+60
ABA 8/25/04	410+35	AA-24	143.80	~~2.0~~ 1.5	0.5	146.30	408+45	AA-20	~~142.70~~ 144.43	X		188 ✓	FLUSHING BASIN @ STA. 410+35
ABA 7/14/04	408+45	AA-20	~~142.70~~ 142.59	~~2.0~~ 1.5	0.5	145.20	407+75	AA-16	~~142.32~~ 142.38	X		~~68~~ 69	FLUSHING BASIN @ STA. 408+45
ABA 7/13/04	407+75	AA-16	~~142.32~~ 142.38	~~2.0~~ 1.5	0.5	144.82	406+48	AA-25	~~141.62~~ 139.93	X		~~125~~ 127	FLUSHING BASIN @ STA. 407+75
STW 8/26/04	391+19	89'LT	139.29	———	———	———	391+19	61'RT	142.65	150.0			INSTALLED PARALLEL TO 72" CAAP CULVERT
STW 8/26/04	391+27	89'LT	139.29	———	———	———	391+27	61'RT	142.65	150.0			INSTALLED PARALLEL TO 72" CAAP CULVERT
GLW 7/16/04	377+86	V-1C	178.05				378+57	V-6	174.60			87.5	CONNECT TO MOUNTAIN AIR DRY CLEANER(SOLID PIPE)
												~~6714~~ 6754.5	EAST SIDE OF ROUTE 7: TOTAL

WEST SIDE OF ROUTE 7

INITIALS DATE	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
GLW 6/10/04	~~376+20~~ 376+25	38' LT	180.53	1.5	0.5	182.53	377+50	V-5	~~176.73~~ 176.86		X	~~138~~ 125	FLUSHING BASIN @ STA. ~~376+10~~ 376+25
GLW 6/9/04	377+50	V-5	~~176.73~~ 176.86	1.5	0.5	178.73	380+82	V-10	169.00	X		~~330~~ 332	FLUSHING BASIN @ STA. 377+50
GLW 6/2/04	380+82	V-10	169.00	1.5	0.5	171.00	382+50	W-1	~~164.50~~ 166.10	X		166 ✓	FLUSHING BASIN @ STA. 380+82
GLW 5/27/04	382+50	W-1	164.50	1.5	0.5	166.50	384+63	W-14	~~162.26~~ 162.36		X	~~211~~ 212	FLUSHING BASIN @ STA. 382+50
GLW 5/25/04	~~384+63~~ 384+67	W-14	~~162.26~~ 162.36	1.5	0.5	164.26	387+63	X-1	~~157.37~~ 157.36	X		~~298~~ 297	FLUSHING BASIN @ STA. ~~384+63~~ 384+67
GLW 5/17/04	387+63	X-1	~~157.37~~ 157.36	1.5	0.5	159.37	390+57	X-4	~~151.71~~ 150.82	X		~~292~~ 293	FLUSHING BASIN @ STA. 387+63
STW 8-4-04	390+57	X-4	151.71	2.0	0.5	154.21	393+20	Y-1	~~150.70~~ 150.71		X	~~261~~ 260	FLUSHING BASIN @ STA. 390+57
GLW 5/11/04	393+20	Y-1	150.70	1.5	0.5	152.70	395+15	Y-3	~~149.20~~ 149.36	X		~~193~~ 194	FLUSHING BASIN @ STA. 393+20
GLW 5/7/04	395+15	Y-3	~~149.20~~ 149.36	1.5	0.5	151.20	397+00	Y-7	~~148.19~~ 148.37	X		~~183~~ 185	FLUSHING BASIN @ STA. 395+15
GLW 4/30/04	397+00	Y-7	148.19	1.5	0.5	150.19	400+55	Z-1	~~146.40~~ 146.41		X	353 ✓	FLUSHING BASIN @ STA. 397+00
GLW 8/24/04	400+55	Z-1	~~146.40~~ 146.41	1.5	0.5	148.40	402+55	Z-3	~~145.40~~ 143.39	X		~~198~~ 200	FLUSHING BASIN @ STA. 400+55
GLW 8/19/04	402+55	Z-3	~~145.40~~ 145.39	1.5	0.5	147.40	405+24	AA-1	~~144.06~~ 143.84	X		~~267~~ 265	FLUSHING BASIN @ STA. 402+55
ABA 8/16/04	405+24	AA-1	~~144.06~~ 143.82	1.5	0.5	146.06	406+33	AA-12	~~138.25~~ 141.90	X		~~107~~ 104	FLUSHING BASIN @ STA. 405+24
RRP 6-17-04	428+96	36' LT	~~179.50~~ 179.40	–	–	179.50	428+02	AD-15	~~175.87~~ 176.24		X	~~94~~ 80	
RRP 6-16-04	428+02	AD-15	~~175.87~~ 176.19	1.5	0.5	177.87	426+20	AD-9	~~172.45~~ 172.38	X		180 ✓	FLUSHING BASIN @ STA. 428+02
RRP 6-28-04	426+20	AD-9	~~172.45~~ 172.88	1.5	0.5	174.45	424+40	AD-4	165.59	X		~~178~~ 177	FLUSHING BASIN @ STA. 426+20
RRP 6-10-04 6-24-04	424+40	AD-4	~~165.59~~ 165.94	1.5	0.5	167.59	421+70	AC-9	~~161.09~~ 161.27	X		~~268~~ 270	FLUSHING BASIN @ STA. 424+20
RRP 6-09-04	421+70	AC-9	~~161.09~~ 161.27	1.5	0.5	163.09	419+20	AC-2	~~154.79~~ 154.87	X		~~248~~ 247	FLUSHING BASIN @ STA. 421+70
RRP 6-02-04	419+20	AC-2	~~154.79~~ 154.82	1.5	0.5	156.79	416+70	AB-12	~~149.41~~ 149.19	X		~~248~~ 251	FLUSHING BASIN @ STA. 419+20
RRP 5-26-04	416+70	AB-12	~~149.41~~ 149.75	1.5	0.5	151.41	415+00	AB-9	~~148.68~~ 148.86		X	168 ✓	FLUSHING BASIN @ STA. 416+70
RRP 5-13-04	415+00	AB-9	~~148.68~~ 148.86	1.5	0.5	150.68	412+50	AB-2	~~146.66~~ 146.49	X		248 221	FLUSHING BASIN @ STA. 415+00
RRP 5-17-04	412+50	AB-2	~~146.66~~ 146.46	1.5	0.5	148.66	410+35	AA-23	~~144.78~~ 144.72	X		~~213~~ 239	FLUSHING BASIN @ STA. 412+50
RRP 5-11-04	410+35	AA-23	~~144.78~~ 144.72	1.5	0.5	146.78	408+45	AA-19	~~143.20~~ 143.32	X		188 ✓	FLUSHING BASIN @ STA. 410+35
RRP 5-06-04	408+45	AA-19	~~143.20~~ 143.26	1.5	0.5	145.20	407+75	AA-15	~~142.83~~ 142.94	X		~~68~~ 66	FLUSHING BASIN @ STA. 408+45
RRP 5-04-04	407+75	AA-15	~~142.83~~ 142.94	1.5	0.5	144.83	406+33	AA-12	~~138.25~~ 138.89	X		140 ✓	FLUSHING BASIN @ STA. 407+75
ABA 9-30-04	403+50	24" OUTLET	136.46	1.5	0.5		402+55	℄	138.26	X		110	BARTLETT BAY RD.
ABA 6-10-05	390+33	AA-4			0.5	20	405+24	AA-2					GREEN MT. DR. TO M\L
ABA 6-10-05	390+33	AA-4			0.5	30	405+24	AA-2					SEE ITEM REPORT
												~~5238~~ 5323	WEST SIDE OF ROUTE 7: TOTAL

SHEET TOTAL 6754.5' + 5323'
= 12,077.5 LF

NOTE
(*) = SIDE STREET OR JUGHANDLE OR DRIVE

**FINAL QUANTITIES SHOWN IN RED

AS-BUILT REVISIONS

NO.	DATE	DESCRIPTION
1.	6/26/06	TEXT REVISED PER ASBUILT MARK UPS

FILE NAME:
UDDRAIN-1_4rev.DWG

SHELBURNE – SOUTH BURLINGTON

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(28)
ITEM DETAIL DRAWING NO. 1
SHEET 47 OF 283

C:\6330008 (US Rte 7 Shelburne Rd)\AS-BUILTS\DRAINAGE\UDDRAIN-1_4rev.DWG, 6/28/2006 3:24:29 PM