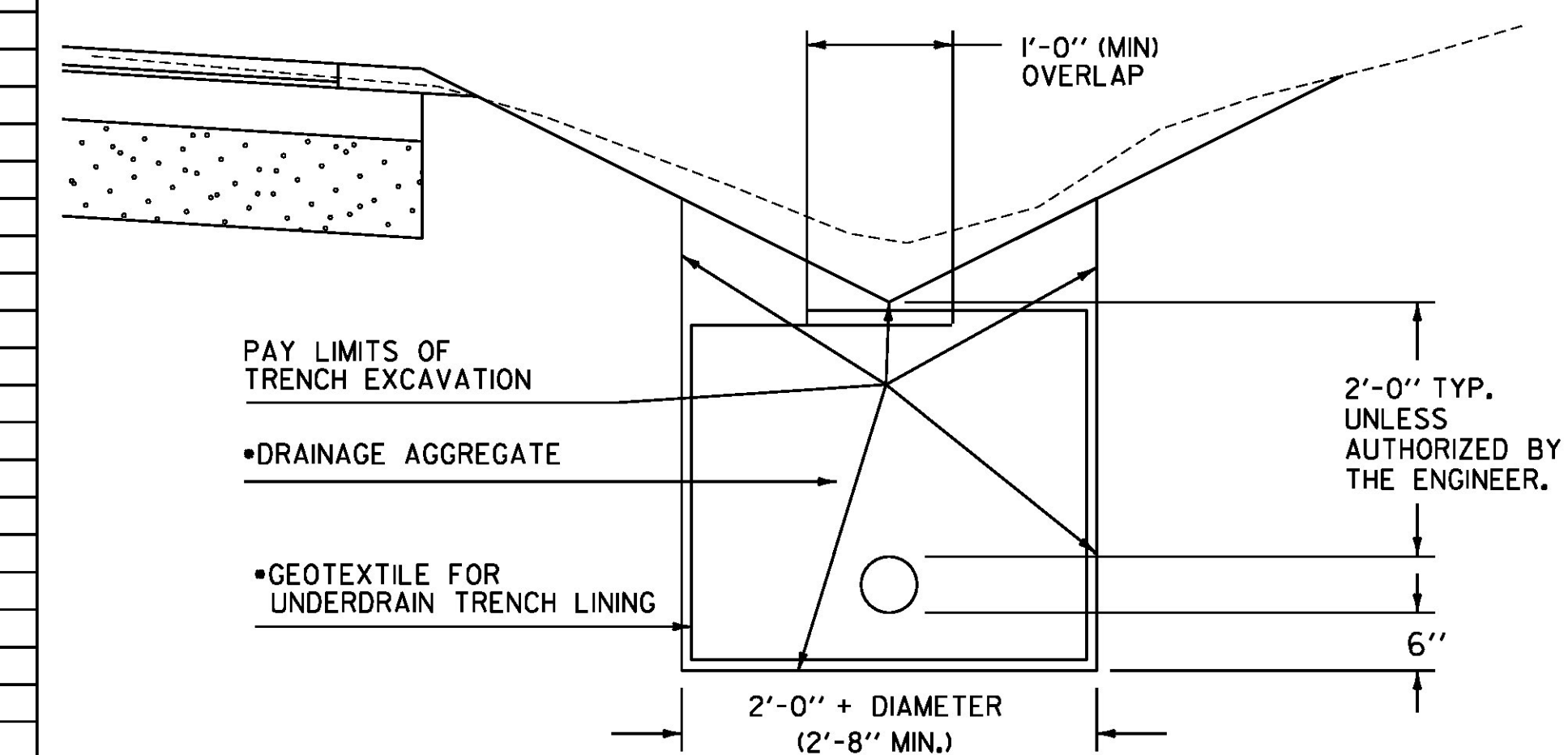


LOCATION					UNDERDRAIN				MISC. ITEMS		REMARKS
PIPE NO.	OUTLET INVERT	BEGIN STA.	END STA.	POS.	204.20 TRENCH EXCAVATION OF EARTH CY	204.21 TRENCH EXCAVATION OF ROCK CY	605.10 6 INCH UNDERDRAIN PIPE LF	619.17 YIELDING MARKER POSTS EA	* DRAINAGE AGGREGATE CY	* GEOTEXTILE FABRIC SY	
VT ROUTE 12A											
ROXBURY											
UD-1	874.86	40+48 42+00	42+00	RT	33	11	160 122	1	44	202	DAYLIGHT ON SLOPE
UD-2	876.23	42+50	44+25 44+30	RT	36	12	175 180	1	48	221	DAYLIGHT IN DITCH @ CULVERT*2
UD-3	892.16	55+75	58+00	RT	46	15	225 230	1	62	284	DAYLIGHT ON SLOPE
UD-4	898.73	61+05	62+50	RT	30	10	145 140	1	40	183	DAYLIGHT IN DITCH
UD-5	905.00	77+88 78+75 80+75	80+98 80+75	RT	41	14	200 120	1	55	252	DAYLIGHT IN DITCH
UD-6	907.25	87+40	88+60	RT	25	8	122 120	1	34	154	DAYLIGHT ON SLOPE
UD-7	924.16	111+32	112+80	RT	31	10	148 275	1	41	186	DAYLIGHT IN DITCH ELIMINATED
UD-8	927.66	113+60	115+40 116+25	RT	37	12	180 180	1	49	227	DAYLIGHT ON SLOPE
UD-9	NOT USED										
UD-10	937.41	125+40	126+31 126+21	RT	19	6	92 95	1	25	116	DAYLIGHT ON SLOPE
UD-11	963.66	139+25	141+05	RT	37	12	180	1	49	227	DAYLIGHT ON SLOPE
UD-12	999.50	173+83 174+00 175+09	175+50 175+50	RT	31	10	150 126	1	41	189	DAYLIGHT IN DITCH
UD-13	1033.64	189+80	191+00	LT	25	8	120	1	33	151	DAYLIGHT IN DITCH
UD-14	1037.00	197+53 197+50 199+00	199+00 199+00	LT	31	10	150 147	1	41	189	DAYLIGHT IN DITCH
UD-15	1017.51	205+00	206+09 206+60	RT	12	4	60 109	1	16	76	DAYLIGHT IN DITCH
UD-16	999.00	215+40	218+40	RT		82	300	1	82	378	DAYLIGHT IN DITCH
UD-17	997.93	217+20 217+25 219+00	219+00 219+00	LT		48	175 180	1	48	221	DAYLIGHT IN DITCH
UD-18	985.63	275+57 274+10 282+00	283+50 283+50	RT	194	65	940 643	1	258	1184	DAYLIGHT ON SLOPE
UD-19	977.70	294+67	296+80	LT	44	15	215 275	1	59	271	DAYLIGHT IN DITCH @ BRIDGE *27
UD-20	1002.18	307+60	310+25 310+50	LT	60	20	290 290	1	80	365	DAYLIGHT ON SLOPE
UD-21	998.63	307+00	309+40 313+46	RT	44	15	215 216	1	59	271	DAYLIGHT ON SLOPE ELIMINATED
UD-22	1009.58	311+30	313+50 313+50	LT	45	15	220 220	1	60	277	DAYLIGHT IN DITCH
UD-23	NOT USED										
UD-24	1004.05	313+75	316+00 315+80	RT	42	14	225 205	1	56	258	DAYLIGHT ON SLOPE
UD-25	NOT USED										
UD-26	975.97	320+58 320+55 323+95	323+95 323+97	RT	70	23	342 337	1	94	431	DAYLIGHT IN DITCH @ CULVERT *35
UD-27	971.35	325+00	N O+10	RT	59	20	288	1	79	363	DAYLIGHT IN DITCH @ CULVERT *36
NORTHFIELD											
UD-28	971.35	0+12 0+11 2+33	2+00	RT	39	13	188 189	1	52	237	DAYLIGHT IN DITCH @ CULVERT *36
UD-29	972.50	2+33 2+35 3+00	3+00	RT	13	4	65 67	1	18	82	DAYLIGHT IN DITCH @ CULVERT *37
UD-30	971.00	3+48 3+40 4+65	4+65	RT	26	9	117 125 117	1	34	158	DAYLIGHT IN DITCH @ CULVERT*38
UD-31	927.47	13+78 13+82 16+70	16+90 16+70	RT	61	20	312 295	1	81	372	DAYLIGHT ON SLOPE
UD-32	NOT USED										
UD-33	892.50	24+00	26+18	LT	47	16	224 227	1	62	286	CORE AND DRAIN INTO EXISTING DI STRUCTURE AT STA. 26+18, LT
UD-34	883.00	26+50	29+72 29+75 33+37	LT	68	23	322 330 348	1	91	416	DAYLIGHT IN DITCH @ CULVERT *43
UD-34B	882.90	29+80 29+82 32+74	32+74 32+74	LT	60	20	293 293	1	81	369	DAYLIGHT IN DITCH @ CULVERT *43
UD-35	880.88	34+00 32+76 36+53	36+50 36+50	LT	77	26	374 253	1	103	471	DAYLIGHT ON SLOPE
UD-36	NOT USED										
UD-37	872.98	51+40 51+25 55+00	55+00	LT		100	360 365	1	100	460	DAYLIGHT ON SLOPE
SHEET 27 SUBTOTALS					1383	690	7559	33	2075	9527	



DRAINAGE AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.16
 * ITEMS ARE INCLUDED IN THE UNIT BID PRICE FOR PAY ITEM 605.10 6 INCH UNDERDRAIN PIPE

UNDERDRAIN DETAIL
 NOT TO SCALE

- NOTES:
1. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING SHALL NOT BE PLACED AROUND UNDERDRAIN WHEN COVER ABOVE UNDERDRAIN IS LESS THAN ONE FOOT.
 2. THE BEGINNING OF THE UNDERDRAIN PIPE TRENCH SHALL BE WRAPPED IN GEOTEXTILE FABRIC. PAYMENT FOR THIS WORK WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 605.10 6 INCH UNDERDRAIN PIPE.

PROJECT NAME: ROXBURY-NORTHFIELD	PLOT DATE: 5/25/2016
PROJECT NUMBER: ER STP 0187(13)	DRAWN BY: G. BURGMEIER
FILE NAME: z13c184typ.dgn	CHECKED BY: G. EDWARDS
DESIGNED BY: G. BURGMEIER	UNDERDRAIN DETAIL SHEET 1
	SHEET 27 OF 476

