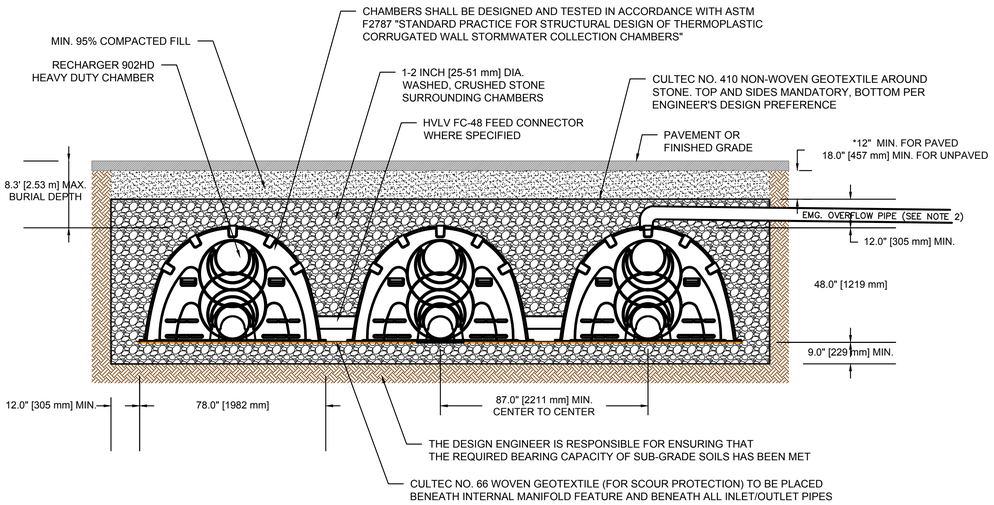
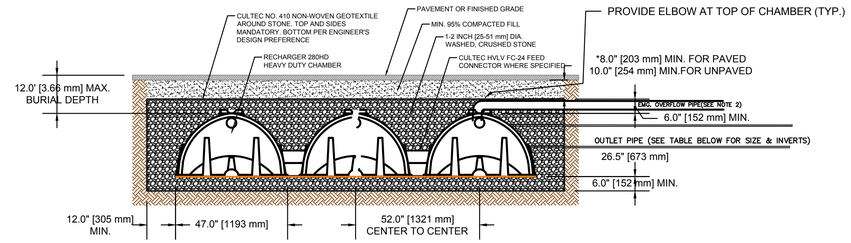
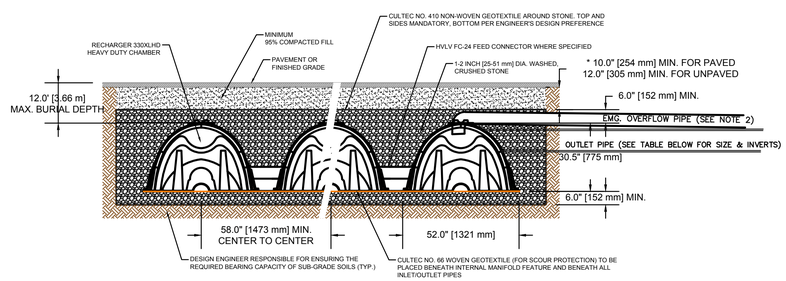


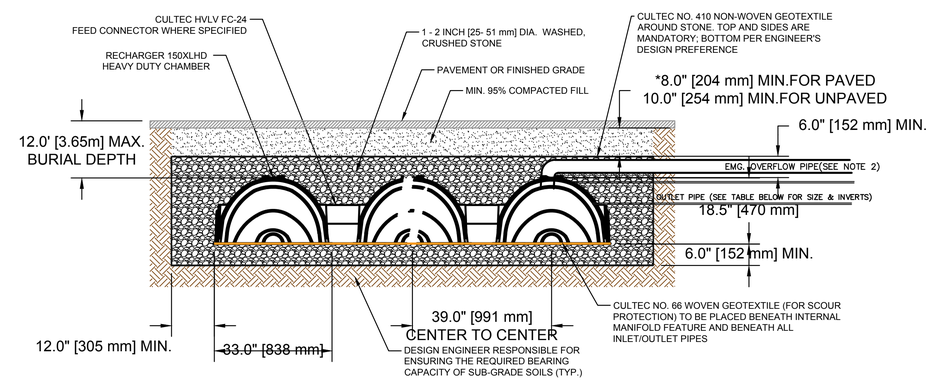
TYPICAL CULTEC RECHARGER 902HD CHAMBER BED DETAIL



TYPICAL CULTEC RECHARGER 280HD HEAVY DUTY CHAMBER BED DETAIL



TYPICAL CULTEC RECHARGER 330XLHD HEAVY DUTY CHAMBER BED DETAIL



TYPICAL CULTEC RECHARGER 150XLHD CHAMBER BED DETAIL

NOTES:
1. CULTEC REQUIRES A MINIMUM OF 8"–12" COMPACTED GRAVEL OVER ITS CHAMBERS WHEN UNDER PAVEMENT (SEE DETAILS), WHEREAS PROJECT REQUIRES 4" DENSE GRADE ATOP 12" GRAVEL BORROW (16" TOTAL). FINISH GRADES IN TABLE REFLECT A MINIMUM OF 20" OVER TOP OF STONE ELEVATION TO ACCOUNT FOR 2 PAVEMENT COURSES (SEE ROAD CROSS SECTION).

2. SEE UTILITY SHEET FOR EMERGENCY OVERFLOW LOCATIONS. SEE TABLE BELOW FOR SIZE AND ELEVATIONS.

LEACHING BED DETAILS

BED #	TYPE	TOTAL # OF CHAMBERS	BED DIM. (W' X L' X D')	SIDE STONE (IN.)	END. STONE (IN.)	BOT STONE (EL.)	BOT. CHMBR (EL.)	TOP CHMBR (EL.)	TOP STONE (EL.)	FINISH GRADE	PEAK EL (100 YR)	OUTLET EL.	GW ELEV.	EMG. OVERFLOW EL
LC–1	150XLHD	32 (4 X 8)	14.5 X 84.75 X 3.29	12	12	192.0	192.75	194.29	195.29	197.25–199.4	195.06	NONE	188.8 (TP–11)	6" EQ. @ 195.2
LC–1A	902HD	18 (2 X 11)	19.5 X 47.37 X 6.0	36	36	191.5	192.5	196.5	197.5	200.0±	197.46	NONE	NONE (TP 4)	6" EQ @ 198.5
LC–2	330XLHD	21 (3 X 21)	16 X 58.5 X 3.54	12	48*	203.0	203.5	206.0	206.54	208.8–212.0	206.35	NONE	NONE 200.9**	6" EMG. OVERFLOW @ 206.5
LC–2B	902HD	8 (1 X 8)	11.5 X 35.37 X 6.0	30	30	198.0	199.0	203.0	204.0	205.9–207.8	203.62	NONE	NONE 196.3**	6" EMG. OVERFLOW @ 204.0
LC–2A(1)	330XLHD	12 (2 X 6)	13.17 X 47.5 X 4.54	24	24	196.0	197.0	199.54	200.54	202.5–204.8	200.46	(2)6" @ 198.7	192.1 (TP–14)	NONE
LC–2A(2)	902HD	40 (2 X 20)	17.8 X 78.37 X 5.75	24	36	193.0	193.75	197.75	198.75	200.7–203.0	198.48	NONE	190.0 (TP–35)	8" EQ. @ 200.0
LC–3	150XLHD	21 (3 X 7)	12.25 X 75.5X 2.54	18	18	197.5	198.0	199.5	200.0	202.2–203.3	199.97	4" @ 198.8	195.1 (TP 15)	NONE
LC–4	280HD	12 (3 X 4)	16.75 X 33.0 X 3.71	24	24	199.0	199.5	201.71	202.71	204.5–206.3	202.47	12" @ 200.0	196.3 (TP–18)	NONE
LC–4A	280HD	14 (2 X 7)	13.33 X 55.0 X 3.21	30	30	196.8	197.3	199.51	200.00	201.7–203.3	199.22	8" @ 198.4	194.2 (TP–17)	NONE
LC–4B	150XLHD	12 (4 X 3)	14.5 X 33.5 X 2.54	12	12	202.0	202.5	204.0	204.54	207.5–208.5	204.45	(2)10" @ 202.8	199.8 (TP–33)	NONE
LC–5	330XLHD	25 (5 X 5)	29.67 X 42.5 X 3.54	36	36	213.5	214.0	216.54	217.04	219.0–220.8	216.23	NONE	NONE 210.4**	NONE
LC–5A	902HD	32 (4 X 8)	33.25 X 35.4 X 5.75	30	30	208.00	208.75	212.75	213.75	215.8–217.5	213.23	NONE	NONE 210.4**	NONE
LC–6	280HD	27 (3 X 9)	16.08 X 67.33 X 3.21	20	20	210.0	210.5	212.71	213.21	215.2–218.5	212.78	8" @ 212.0	NONE 206.0**	214.0 IN FROM LC–6A (8" EMG. OVERFLOW)
LC–6(2)	150XLHD	12 (4 X 2)	16.5 X 25.25 X 2.54	24	24	208.5	209.0	210.5	211.04	212.8–213.3	208.95	NONE	NONE 209.4**	8" EMG. OVERFLOW @ 210.7
LC–6A	330XLHD	16 (2 X 8)	14.17 X 62.5 X 3.54	30	30	214.0	214.5	217.0	217.54	219.8–222.8	216.18	NONE	NONE 210.7**	8" EMG. OVERFLOW @ 217.2
LC–7	150XLHD	84 (12 X 7)	49.25 X 56.0 X 2.54	24	24	214.0	214.5	216.0	216.54	218.5–221.3	216.16	NONE	206.2 (TP–27)	6" EMG. OVERFLOW @ 216.6
LC–10A	280HD	12 (2 X 6)	14.33 X 49.0 X 3.96	36	36	191.0	191.75	193.96	194.96	198.0±	194.64	NONE	NONE 186.7**	6" EQ. @ 195.2

*END STONE LENGTH SHOWN IS THE EFFECTIVE END STONE.
ACTUAL END STONE FOR LC–2 IS 24".

**VALUES INDICATE BOTTOM HOLE ELEVATION PER NEAREST TEST PIT.

REVISIONS

1	5/11/17	BETA ENG./TOWN COMMENTS
2	6/16/17	GENERAL
3	8.14.17	GENERAL

APPLICANT

THE VILLAGE AT NORFOLK, LLC
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OWNERS

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NORFOLK, MA 02056
ASSESSORS MAP 14 BLOCK 49
LOT 11
DEED BOOK 11286 PAGE 26

DETAILS SHEET FOR "THE VILLAGE AT NORFOLK"

IN NORFOLK MASSACHUSETTS

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DATE: FEBRUARY 21, 2017
DRAWN BY: CJV | CHECKED BY: J.A.P.
SCALE: NTS | SHEET 7 OF 10

OE–3012