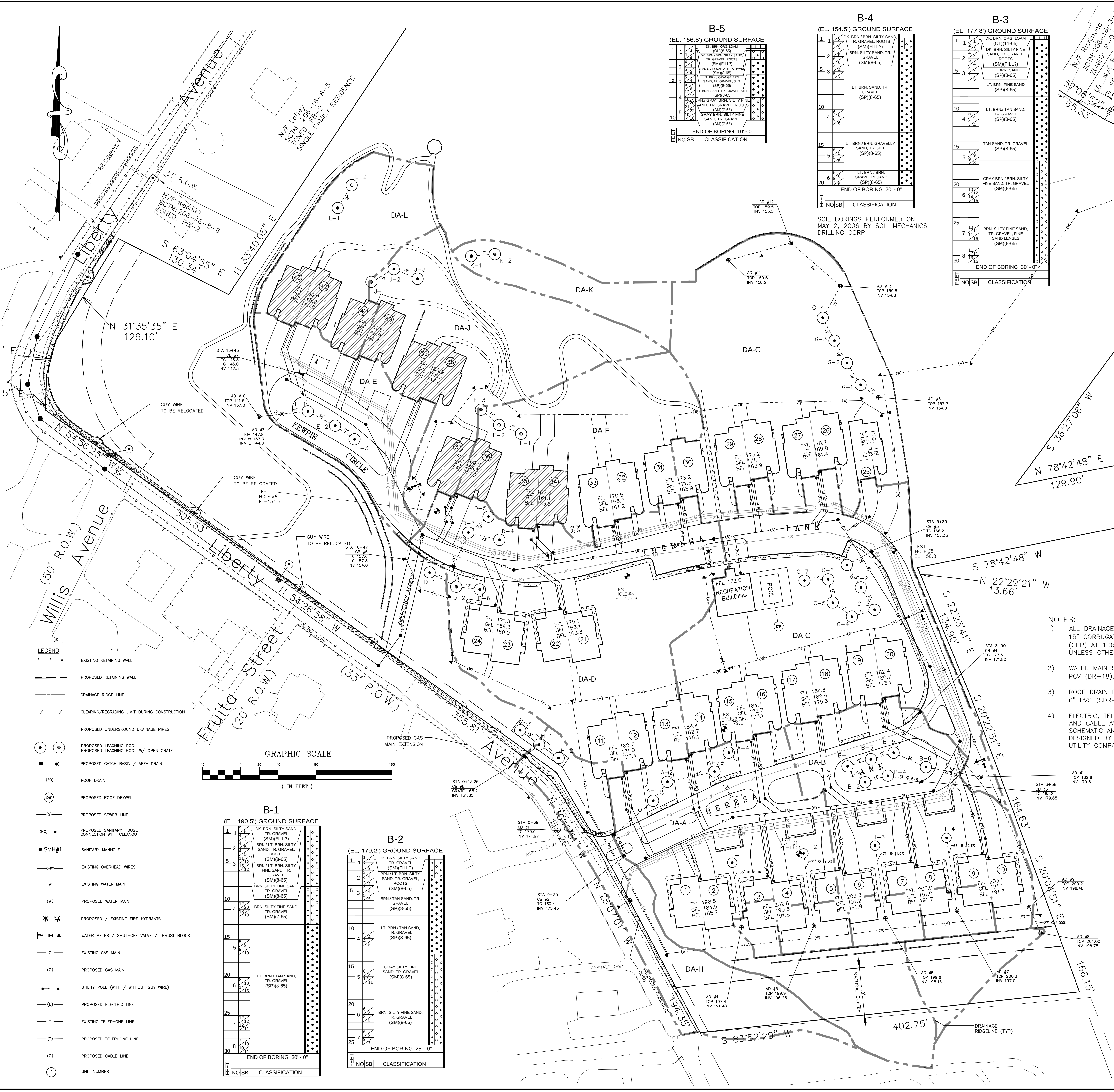




DRAINAGE STRUCTURE TABLE									
No.	TOP	INV	BOTTOM	HIGH WATER	TOTAL DEPTH	SIZE			
A-1	180.3	W 171.47 E 173.95	158.8	175.8	21.5	12" x 17' ED			
A-2	181.6	W 173.78 E 173.66	158.8	175.8	22.8	12" x 17' ED			
A-3	181.7	W 173.23 E 175.21	158.8	175.8	22.9	12" x 17' ED			
A-4	182.1	W 175.04 E 175.04	158.8	175.8	23.3	12" x 17' ED			
A-5	182.6	W 174.91 E 175.04	158.8	175.8	23.8	12" x 17' ED			
B-1	182.8	W 176.74 E 176.74	165.2	176.2	17.6	12" x 11' ED			
B-2	183.5	W 176.91 E 176.91	165.2	176.2	18.3	12" x 11' ED			
B-3	182.2	W 176.57 E 176.57	165.2	176.2	17.0	12" x 11' ED			
B-4	183.1	W 176.74 E 176.74	165.2	176.2	17.9	12" x 11' ED			
B-5	181.0	W 177.24 E/W 176.4	165.2	176.2	15.8	12" x 11' ED			
B-6	181.2	W 176.7 E 176.7	165.2	176.2	16.0	12" x 11' ED			
C-1	166.7	W 159.53 E 157.07	147.2	162.2	19.5	12" x 15' ED			
C-2	167.3	W 159.32 E 159.32	147.2	162.2	20.1	12" x 15' ED			
C-3	168.0	W 159.52 E 159.52	147.2	162.2	20.8	12" x 15' ED			
C-4	169.5	W 159.35 E 159.35	147.2	162.2	22.3	12" x 15' ED			
C-5	167.8	W 159.52 E 159.52	147.2	162.2	20.6	12" x 15' ED			
C-6	167.6	W 159.35 E 159.35	147.2	162.2	20.4	12" x 15' ED			
C-7	168.9	W 159.52 E 159.52	147.2	162.2	21.7	12" x 15' ED			
D-1	156.0	W 149.4	135.3	151.3	20.7	12" x 16' ED			
D-2	155.8	W 149.7	135.3	151.3	20.5	12" x 16' ED			
D-3	156.6	W 152.8	136.1	154.1	20.5	12" x 16' ED			
D-4	160.0	W 152.5	136.1	154.1	23.9	12" x 16' ED			
D-5	159.8	W 152.6	136.1	154.1	23.7	12" x 16' ED			
D-6	158.2	W 149.5	135.3	151.3	22.9	12" x 16' ED			
E-1	148.5	W 142.2	131.0	144.0	17.5	12" x 13' ED			
E-2	150.3	W 141.9	132.8	145.8	17.5	12" x 13' ED			
E-3	152.3	W 141.7	134.8	147.8	17.5	12" x 13' ED			
F-1	152.7	W 144.0	133.2	146.2	19.5	12" x 15' ED			
F-2	151.1	W 143.8	131.6	144.6	19.5	12" x 15' ED			
F-3	149.4	W 143.6	129.9	144.9	19.5	12" x 15' ED			
G-1	158.6	W 152.8	139.1	154.1	19.5	12" x 15' ED			
G-2	160.4	W 152.6	140.9	155.9	19.5	12" x 15' ED			
G-3	162.1	W 152.4	142.6	157.6	19.5	12" x 15' ED			
G-4	162.9	W 152.2	143.4	158.4	19.5	12" x 15' ED			
H-1	171.8	W 161.70	150.1	165.1	20.1	10" x 15' ED			
H-2	171.1	W 161.50	150.1	165.1	21.9	10" x 15' ED			
H-3	169.0	W 161.50	149.0	164.0	19.5	10" x 15' ED			
I-1	187.0	W 179.29	178.5	180.5	8.5	10" x 8' ED			
I-2	189.3	W 182.55	175.3	183.3	12.5	10" x 8' ED			
I-3	188.9	W 182.85	175.6	183.6	12.5	10" x 8' ED			
I-4	186.0	W 181.95	174.7	182.7	12.5	10" x 8' ED			
J-1	141.3	W 135.5	122.8	130.8	18.5	12" x 14' ED			
J-2	144.4	W 135.3	125.9	133.9	18.5	12" x 14' ED			
J-3	144.6	W 135.1	126.1	140.1	18.5	12" x 14' ED			
K-1	148.5	W 142.5	135.0	144.0	13.5	12" x 9' ED			
K-2	135.6	W 128.4	118.1	131.1	17.5	12" x 13' ED			
L-2	134.4	W 128.6	116.9	129.9	17.5	12" x 13' ED			

DRainage Calculations

DA-A REQUIRED: 23,439 SF x 3/12 x 1.0 = 5,860 CF
29,696 SF x 3/12 x 0.3 = 2,228 CF
PROVIDE: (5) 12" x 17' ED = 8,568 CF

DA-B REQUIRED: 18,933 SF x 3/12 x 1.0 = 4,734 CF
19,126 SF x 3/12 x 0.3 = 1,435 CF
PROVIDE: (6) 12" x 11' ED = 6,692 CF

DA-C REQUIRED: 30,367 SF x 3/12 x 1.0 = 7,592 CF
30,522 SF x 3/12 x 0.3 = 2,290 CF
PROVIDE: (7) 12" x 15' ED = 10,584 CF

DA-D REQUIRED: 28,080 SF x 3/12 x 1.0 = 7,020 CF
33,402 SF x 3/12 x 0.3 = 2,555 CF
PROVIDE: (6) 12" x 16' ED = 9,677 CF

DA-E REQUIRED: 11,886 SF x 3/12 x 1.0 = 2,972 CF
9,721 SF x 3/12 x 0.3 = 729 CF
PROVIDE: (3) 12" x 13' ED = 3,931 CF

DA-F REQUIRED: 11,046 SF x 3/12 x 1.0 = 2,761 CF
23,024 SF x 3/12 x 0.3 = 1,425 CF
PROVIDE: (3) 12" x 15' ED = 4,540 CF

DA-G REQUIRED: 9,302 SF x 3/12 x 1.0 = 2,325 CF
46,525 SF x 3/12 x 0.3 = 5,740 CF
PROVIDE: (4) 12" x 15' ED = 6,053 CF

DA-H REQUIRED: 21,641 SF x 3/12 x 0.3 = 1,623 CF
PROVIDE: (2) 12" x 9' ED = 1,814 CF

DA-I REQUIRED: 5,543 SF x 3/12 x 1.0 = 1,385 CF
16,279 SF x 3/12 x 0.3 = 1,220 CF
PROVIDE: (2) 12" x 13' ED = 2,623 CF

NOTES:

1) ALL DRAINAGE PIPING SHALL BE 15" CORRUGATED PLASTIC PIPE (CPP) AT 1.0% MINIMUM SLOPE UNLESS OTHERWISE NOTED.

2) WATER MAIN SHALL BE 8" PCV (DR-18).

3) ROOF DRAIN PIPING SHALL BE 6" PVC (SDR-35).

4) ELECTRIC, TELEPHONE, GAS, AND CABLE AS SHOWN ARE SCHEMATIC AND WILL BE DESIGNED BY THE INDIVIDUAL UTILITY COMPANIES.

3.	3-20-15	NO REVISIONS THIS SHEET	CCV
2.	6-16-14	REVISED AS PER VILLAGE COMMENT LETTER DATED 6-5-14	CCV
1.	6-3-14	REVISED AS PER VILLAGE COMMENT LETTER DATED 5-15-14	JRW
No.	DATE	REVISION	BY:
DRAINAGE AND UTILITY PLAN VILLAGE VISTAS			
SITUATED AT THE INCORPORATED VILLAGE OF PORT JEFFERSON TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK S.C.T.M. No. 0206-016-08-LOTS 7, 8, 1, 2, 9, 10, 13, 1, 18, 23, 24, 25 & P/O WILLOUGHBY STREET			
NELSON & POPE ENGINEERS • DESIGNERS • SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747-2188 (631) 427-5665 FAX (631) 427-5620			
DWN. BY: CCV			DATE: 4-25-14
CHK'D BY: TCD			DATE: 4-25-14
JOB No.: 03309			FILE:
CADD: 03309AMNDSPT			SCALE: 1"=40'
SHEET: 5 OF 19			