LEGEND:

A.C.	=	AIR CONDITIONING UNIT(S)
BCC	=	BITUMINOUS CONCRETE CURB
BIT.	=	BITUMINOUS
B.W.	=	BITUMINOUS WALK
⊠ B.T.B.S.	=	BOUND TO BE SET
■ CB\DH SET	=	CONCRETE BOUND WITH DRILLHOLE SET
CB	=	CATCH BASIN
CCB	=	CAPE COD BERM
CLF	=	CHAIN LINK FENCE
C.W.	=	CONCRETE WALK
DMH	=	DRAIN MANHOLE
	=	FENCE OR GUARD RAIL
GAS	=	GAS SERVICE
GG	=	GAS GATE VALVE
GM	=	GAS METER
LP	=	LIGHT POST
LW	=	LITTLETON WATER
● M.N. SET	=	MAGNETIZED NAIL SET
PIV	=	POST INDICATOR VALVE
RCP	=	REINFORCED CONCRETE PIPE
	=	RETAINING WALL
—S—	=	SEWER
SMH	=	SEWER MANHOLE
TELE.	=	TELEPHONE
TMH	=	TELEPHONE MANHOLE
TRANS.	=	TRANSFORMER
UGW	=	TELEPHONE OR ELECTRIC
UP	=	UTILITY POLE
W.G.	=	WATER GATE VALVE
WS	=	WATER SERVICE

PLAN No. 956 OF 1998

NOTES:

1.) AS BUILT INFORMATION SHOWN IS IN COLOR.

2.) AS BUILT LOCATIONS AND ELEVATIONS ARE SHOWN ACCORDING TO COMPILED FIELD SURVEYS AS OF SEPTEMBER 05, 2008.

08 DEC 2008 — DATE

MASS. REGISTERED LAND SURVEYOR

COMMONWEALTH OF MASSACHUSETTS
WILLIAM F. McNARY No. 30753
PROFESSIONAL LAND SURVEYOR

DRAINAGE AS-BUILT TABLE

INLET STRUCTURE	OUTLET STRUCTURE	LEN.	SLOPE	SIZE	INVERT@ INLET STRUCT.	INVERT@ OUTLET STRUCT.	RIM @ INLET
DMH 8+76.5	DMH 7+84.9	88'	0.010	24"	266.13	265.25	271.38
CB 7+92.2	DMH 7+84.9	11'	0.025	12"	266.63	266.36	269.83
CB 7+91.3	DMH 7+84.9	8'	0.034±	12"	266.63	266.36±	269.88
DMH 7+84.9	DMH 7+10.0	71'	0.004	24"	265.22	264.92	270.18
CB 7+65.8	FLARED END	122'	0.036±	12"	262.49±	258.10	269.69
DMH 7+10.0	DMH 5+99.8	107'	0.004	24"	264.81	264.35	272.15
DMH 5+99.8	DMH 4+50.7	148'	0.008	24"	263.95	262.83	275.59
DMH 4+50.7	DMH 3+73.4	77'	0.007	24"	262.60	262.10	277.35
DMH 3+73.4	DMH 2+98.7	70'	0.011	30"	261.60	260.82	274.25
BASIN B OUT.	DMH 2+98.7	32'	0.039	12"	264.32	263.06	271.79
DMH 2+98.7	FLARED END	46'	0.007	30"	260.86	260.54	270.64
CB 1+75.0	DMH 1+64.1	18'	0.012	12"	261.14	260.93	265.04
CB 1+70.7	DMH 1+64.1	25'	0.003	12"	261.00	260.93	264.60
DMH 1+64.1	FLARED END	31'	0.012	12"	260.90	260.53	264.77
CB 1+74.9	FLARED END	25'	0.03	12"	261.14	260.40	265.01
CB 0+42.9	DMH 0+11.6	54'	0.008	12"	258.02	257.61	261.20
CB 0+30.4	DMH 0+11.6	17'	0.008	12"	257.12	256.99	261.16
CB 0+13.3	DMH 0+11.6	10'	0.012	12"	257.07	256.95	261.12
DMH 0+11.6	DMH (NAGOG)	48'	0.004	12"	256.80	256.59	261.45

AS-BUILT PLAN OF LAND

ACTON, WESTFORD & LITTLETON, MASSACHUSETTS

(MIDDLESEX COUNTY)

FOR: AVALONBAY COMMUNITIES, INC.

SCALE: 1"=40' DECEMBER 8, 2008

STAMSKI AND MCNARY, INC.
80 HARRIS STREET ACTON, MASSACHUSETTS
ENGINEERING – PLANNING – SURVEYING
TELEPHONE No. (978) 263-8585

0 20 40 80 120 160 FT

N/F
45 NAGOG PARK LLC

N/F
CHENEY REALTY TRUST

N/F
NAGOG WOODS COMMUNITY CORP.

N/F
KOLL BREN FUND VI, L.P.

N/F NAGOG PARK INVESTORS LLC
(DEED BOOK 29415 PAGE 7)

N36°38'05"E 55.59'

R=594.53' L=172.55'

N15°08'40"W

295.00'

R=790.15' L=103.76'

N36°38'05"E 295.00'

WATER GATE VALVE (CLOSED POSITION)

R=834.65' L=18.89'

L=41.73' R=30.00'

N36°07'40"E 164.97'

"EMERGENCY ACCESS ROAD A"

CARTPATH

LOT 2
"APARTMENT LAND"
(REFER TO PLAN 1537 OF 2006)

364.29'

BIT. CONCRETE DRIVEWAY

S36°38'05"W

45° BEND

WATERLINE CROSSING

WATER SERVICE

NONSET (PRIVATE) PATH

R=900.24' L=17.46'

10" MAIN PER TOWN MAPS

10" GATE VALVE

22° BEND

L=49.02' R=30.00'

N36°07'40"W 149.55'

L=67.98'

NAGOG PARK (PRIVATE) (60' WIDE)

L=43.17' R=30.00'

L=42.05' R=30.00'

R=324.65' L=329.98'

WATER BOOSTER STATION #1 TOP=282.6±

N27°25'29"E 126.47'

10"X6" TEE

10"X10" TEE

10" MAIN — W.G.

N27°25'29"W 99.06'

L=54.49' R=30.00'

S32°24'17"W 91.06'

33.42' S34°09'00"E

L=329.89' R=858.76'

"CONDOMINIUM SIGNAGE AREA"

DMH RIM=260.43 12" INV.(DMH 0+11.6)=256.59

WATER GATE VALVE (CLOSED POSITION)

NON-TANGENT RADIAL BEARING N62°18'27"W

DETAIL NOT TO SCALE

AVALON DRIVE

SMH @ STAT. 9+00.3 9.0' LT RIM=271.76 8" INVERT IN=262.93 8"INVERT OUT=262.98

SMH @ STAT. 7+99.8 4.8' LT RIM=270.17 8" INVERT IN=263.37 8"INVERT OUT=263.34

SMH @ STAT. 6+99.8 5.0' LT RIM=272.30 8" INVERT IN=263.72 8"INVERT OUT=263.68

SMH 5 @ STAT. 6+98.6 19.9' RT RIM=272.52 8" INVERT IN=264.12 8"INVERT OUT=264.03

BASIN D OUTLET CONTROL STRUCTURE TOP GRATE = 261.44 12" ORIFICE INV. = 258.53 (2) 7.5" INV.S ORIFICE = 257.47 24" INV. OUT = 257.40

BASIN A OUTLET CONTROL STRUCTURE TOP GRATE = 264.21 (2) 4" INVS. = 262.05 (2) 6" INV.S = 260.80 18" INV. OUT = 260.07

BASIN B OUTLET CONTROL STRUCTURE TOP GRATE = 271.79 7" ORIFICE INV. =269.75 (ORIFICE) 12" INV. IN =264.48 12" INV. OUT =264.32 BOTTOM BASIN=269.6± (MARCH 2008)

BASIN "A" TOP WATER ELEV.=260.8± (DEC. 2007)

BASIN "B" TOP WATER ELEV.=257.5± (DEC. 2007)

AS-BUILT SPOT ELEVATION @ TOP CREST (TYPICAL)

AS-BUILT CONTOURS (TYPICAL)

(LOT 2) "APARTMENT LAND"

(LOT 1)

"COMMON UTILITIES AREA"

WELL

SUB-SURFACE STORAGE "A" (APPROX. LOCATION)

SUB-SURFACE STORAGE "B" (APPROX. LOCATION)

POOL HOUSE

CONCRETE PATIO

METAL FENCE

PVC FENCE

WOODEN GUARDRAIL

SIGN "NO PARKING FIRE LANE"

MAINTENANCE ACCESS

FLOOR ELEV.=280.45

STONE SWALE

RIP RAP SLOPE

GRASS SWALE

CB 7+92.2 DMH 7+84.9

CB 7+65.8

DMH 7+10.0

DMH A65

DMH 5+99.8

DMH 4+50.7

DMH 3+73.4

DMH 2+98.7

DMH 1+64.1

DMH A80

DMH A128

DMH A133

CB A129

CB A130

CB 1+75.0

CB 1+70.7

CB 0+42.9

CB 0+30.4

DMH 0+11.6

DMH 200 RIM=272.07 18" INV. IN =259.49 18" INV. OUT=259.33

DMH RIM=301.72 12" INV. OUT=291.55

DMH RIM=273.03 4" INV. IN =272.00 12" INV. IN =265.98 12" INV. OUT=264.76

SMH 9 RIM=279.25

SMH 7 RIM=278.24 6" CHANNEL=274.00

SMH 8 RIM=278.73 4" INVS. IN=277.28 6" INV. OUT=275.44

18" HDPE L=132', S=0.012

18" HDPE L=50', S=0.012

24" HDPE L=28', S=0.032

24" FLARED END INV. = 258.50

8' WIDE EMERGENCY OVERFLOW WEIR TOP=262.2±

12" FLARED END RCP INV. = 258.10

12" FLARED END RCP INV. = 257.72

30" FLARED END RCP INV. = 260.54

12" FLARED END RCP INV. = 260.40

12" FLARED END RCP INV. = 260.53

11' WIDE EMERGENCY OVERFLOW WEIR TOP=265.0±

6" PVC L=22' S=0.014

6" PVC L=33' S=0.028

6" PVC L=61' S=0.4

6" INVERT OUT 6"PVC, L=9', S=0.

12" HDPE L=26', S=0.012

4" FLEX. PIPE L=18', S=0.08

4" FLEX. PIPE L=18', S=0.07

4" FLEX. PIPE L=18', S=0.07

L=332.19 R=265.00'

L=203.64' R=558.00'

L=452.01'

L=356.16' R=767.00'

N44°13'29"W 64.48'

N01°37'20"W 141.00'

N44°56'48"W 189.62'

S14°58'18"E 189.69'

N27°58'47"W 24.97'

N27°58'47"W 24.97'

S36°07'40"W

S36°38'05"W

N36°21'29"E

S32°24'17"W

(3221G SITEASBUILT.dwg/AB SHEET1) SHEET 1 OF 16 NAGOG PARK SM-3221G

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370., ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELE. NO. 1-888-344-7233.