UTILITIES NOTES:

1. ALL ELECTRIC, GAS, TELEPHONE, WATER, SEWER AND DRAIN SERVICES ARE SHOWN IN SCHEMATIC FASHION. THEIR LOCATIONS ARE NOT PRECISE OR NECESSARILY ACCURATE. NO WORK WHATSOEVER SHALL BE UNDERTAKEN ON THIS SITE USING THIS PLAN TO LOCATE THE ABOVE SERVICES. CONSULT WITH THE PROPER AUTHORITIES CONCERNED WITH THE SUBJECT SERVICE LOCATION FOR INFORMATION REGARDING SUCH. CALL DIG-SAFE: 1-888-DIG-SAFE (1-888-344-7233)
2. UNDERGROUND ELECTRICAL UTILITIES ARE ALSO SHOWN ON SHEETS C110 & C111.

FLOW

OYSTER RIVER

EBB

HIGHEST OBSERVABLE TIDE LINE (TYP.)
MEAN HIGH TIED LINE (ELEV.=5)
FRESHWATER WETLAND (TYP.)

OUTLET CONTROL STRUCTURE #2

GRAVEL WETLAND #2

12" DRAIN PIPE

STONE SPILLWAY (TYP)

APPROX. LOCATION OF EXISTING 6" PVC SEWER SERVICE. EXACT LENGTH UNKNOWN.

SMH 5
RIM=17.05
INV. OUT=9.52
L=186'
S=0.005

APPROXIMATE LOCATION OF 6" SDR 35 PVC SEWER SERVICE

STONE & MORTOR HEADWALL
15" RCP INV. OUT =13.5
TOP OF HEADWALL = 15.4

CB 1509
RIM=16.8
15"RCP INV. OUT=13.4

SMH 4
RIM=17.30
INV. IN=8.56
INV. OUT=8.46
L=300' S=0.005

APPROX. LOCATION OF EXISTING 6" PVC SEWER SERVICE. EXACT LENGTH UNKNOWN.

EXISTING 8" PVC SEWER LINE (TYP.)

WATER LINE STUB

SERVICE TO HYDRANT 6" D.I.

MAINTENANCE ACCESS

LIGHT POLE (TYP.)

FIRE DEPT. CONNECTION (TYP.)

SIGN (TYP.)

8" HDPE

12" HDPE

BLOCK PAVER PATIO (TYP)

HYDRANT

CONCRETE SIDEWALK (TYP)

PAVED WALKING PATH

SEWER LINE STUB FOR THIRD BUILDING (CAP END)

APPROX. LOCATION OF EXISTING 6" PVC SEWER SERVICE EXACT LENGTH UNKNOWN (TYP.).

8" D.I. WATER MAIN

SEWER SERVICE TO BUILDING
6" SDR 35 PVC
INV. OUT OF BLDG = 11.0
LENGTH = 295'
S = 0.008

6" D.I. WATER SERVICE

ELECTRIC MANHOLE (6' X 4')
ALL SWEEPS TO BE STEEL

ELEC. & COMM. CONDUIT STUB FOR PHASE 3

12" DRAIN PIPE

VERTICAL GRANITE CURB (TYP)

GUTTER DRAINAGE TO DAYLIGHT

GREASE TRAP

RETAINING WALL

WATER SERVICE

2-1/2" COPPER

TRASH & RECYCLING DUMPSTERS (TYP.)

12" HDPE

TREE LINE (TYP.)

APPROX. LOCATION OF EXISTING 6" PVC SEWER SERVICE. EXACT LENGTH UNKNOWN (TYP.).

CB 1519 RIM=15.1
15" RCP INV IN=10.4
15" RCP INV. OUT=10.4
L=19' S=0.005

STONE HEADWALL
15" RCP INV OUT =10.2
TOP OF HEADWALL=12.4

CB 1518
RIM=15.0
15" RCP INV. IN =10.3
15" RCP INV OUT =10.2
L=21' S=0.002

SMH 3
RIM=15.26
INV. IN = 6.99 (1)
INV. IN = 7.01 (2)
INV. OUT = 6.97 (3)

GATE VALVE

TRANSFORMER

EXISTING SEWER PUMP STATION

EXISTING 8" D.I. WATER MAIN

EXIST END CAP 8" D.I. WATER LINE STUB

SMH 1419
RIM=16.27
CL INV. = 3.16
(DROP)

EXISTING 8" D.I. WATERLINE

4" SEWER FORCEMAIN

UTILITY EASEMENT LINE (TYP.)

MATCH LINE C111

RISERS & UNDERDRAINS (SEE GRAVEL WETLAND CROSS SECTION)

GRAVEL WETLAND #1 BOTTOM ELEVATION=9.50

BERM ELEELVATION=12.50 (SEE DETAIL)

15" HDPE INV. OUT=8.63

OUTLET CONTROL STRUCTURE #1

GRAVEL WALKING PATH

3 UNDERGROUND 1000 GAL. PROPANE TANK

BACKUP GENERATOR

LIGHT

RETAINING WALL

TRANSFORMER

BASEMENT INTERIOR DRAINAGE TO DAYLIGHT

BROOK CENTER LINE (TYP.)

SCALE: 1 INCH = 30 FT.

30 0 30 60

C108

JOB: 15-027

MJS ENGINEERING, P.C.
CIVIL • STRUCTURAL • ENVIRONMENTAL
5 RAILROAD ST., P.O. BOX 359
NEWMARKET, NH 03857
PHONE: (603) 659-4979, FAX: (603) 659-4627
E-MAIL: MJS@MJS-ENGINEERING.COM

AS-BUILT SITE PLAN
prepared for
HARMONY HOMES BY THE BAY
TAX MAP 11, LOTS (27-1)-(27-7)
W. ARTHUR GRANT CIRCLE DURHAM, NH

DATE: 9/2/15
SCALE: 1"=30'
DESIGNED BY: MS/JLG
DRAWN BY: JLG
APPROVED BY: MJS
DWG FILE: 15-027 C1DD AS BUILT.dwg

SEAL

NO.	REVISIONS	DATE	INT.
0.	FORMAL SUBMISSION	12/1/17	EHK