

⊗ - (22) - DENOTES TREES REMOVED IN WETLAND BUFFER ZONE

PLANTING SCHEDULE

○ - (30) SHRUBS (3'HGT.)

- HAZELNUT (*Corylus americana*) - 3' hgt.
- RUNNING SHADBUSH (*Amelanchier spicata*) - 3' hgt.
- GRAY DOGWOOD (*Cornus racemosa*) - 3' hgt.
- BLACK CHOKEBERRY (*Photinia melanocarpa*) - 3' hgt.

Note:
Shrubs will be planted in clusters of three (3) specimens of the same species at the locations shown, with minor deviations due to site conditions.

⊙ - (30) TREES (1.5 - INCH CALIPER)

TREES WILL BE 1.5 - INCH CALIPER. SPECIES WILL BE CHOSEN FROM THE FOLLOWING LIST (OR OTHER SPECIES AS APPROVED BY NCC STAFF PRIOR TO INSTALLATION):

- RED MAPLE (*Acer rubrum*)
- BALSAM FIR (*Abies balsamea*)
- BLACK SPRUCE (*Picea mariana*)
- GRAY BIRCH (*Betula populifolia*)
- SUGAR MAPLE (*Acer saccharum*)
- SWAMP WHITE OAK (*Quercus bicolor*)
- BLACK GUM (*Nyssa sylvatica*)

THE TREES AND SHRUBS WILL BE WATERED AS NECESSARY AFTER PLANTING.

WB □ - (5) WETLAND BOUNDS TO BE SET

ASSESSOR'S REFERENCE:

MAP 204, LOT 6

DEED REFERENCE:

NORFOLK COUNTY REGISTRY OF DEEDS
Bk. 36038, Pg. 67

OWNER OF RECORD:

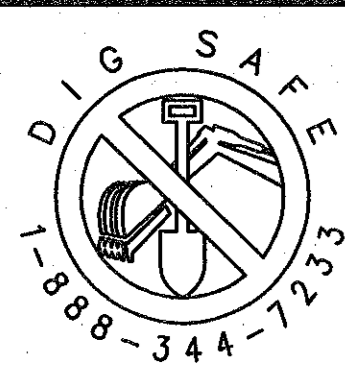
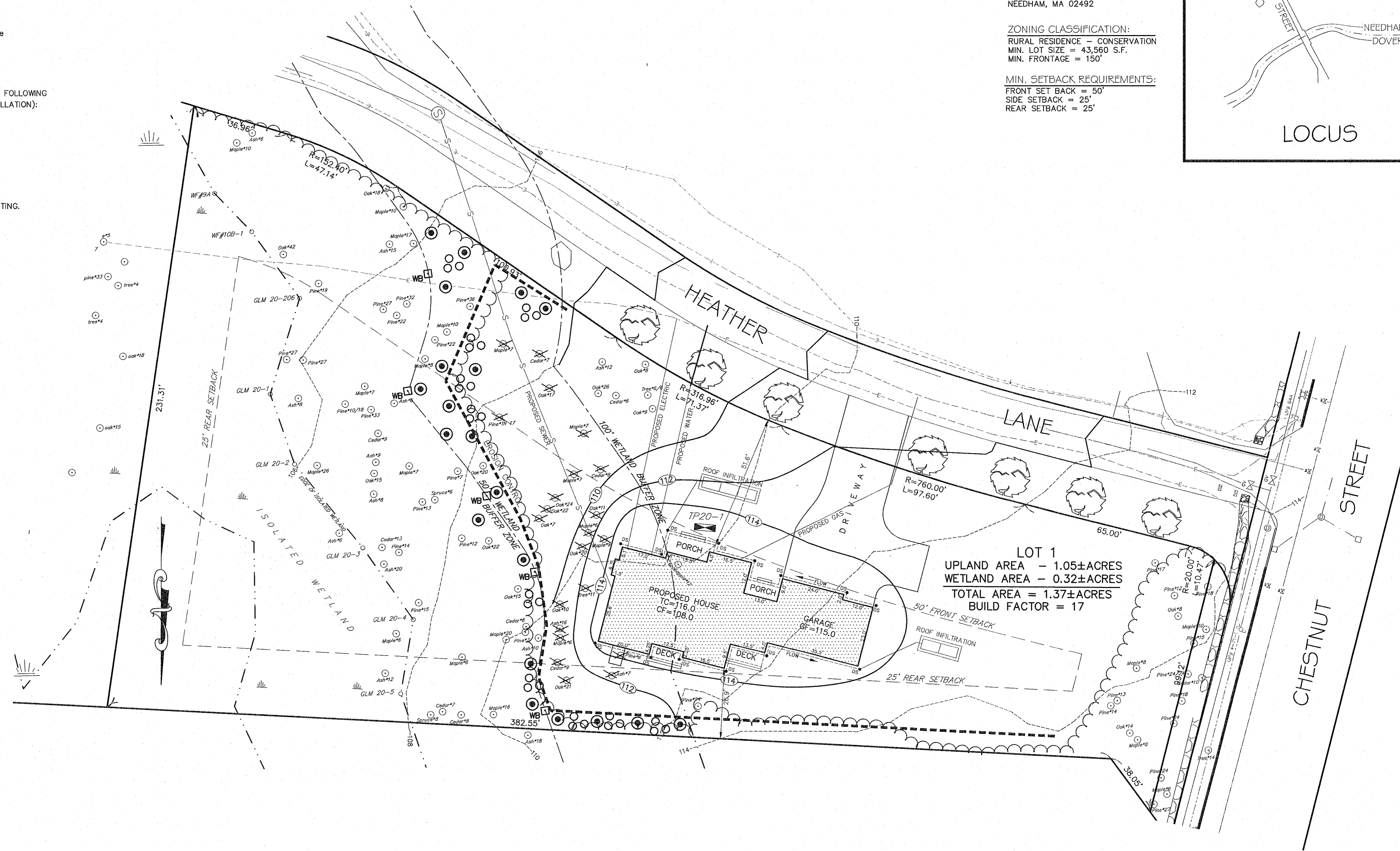
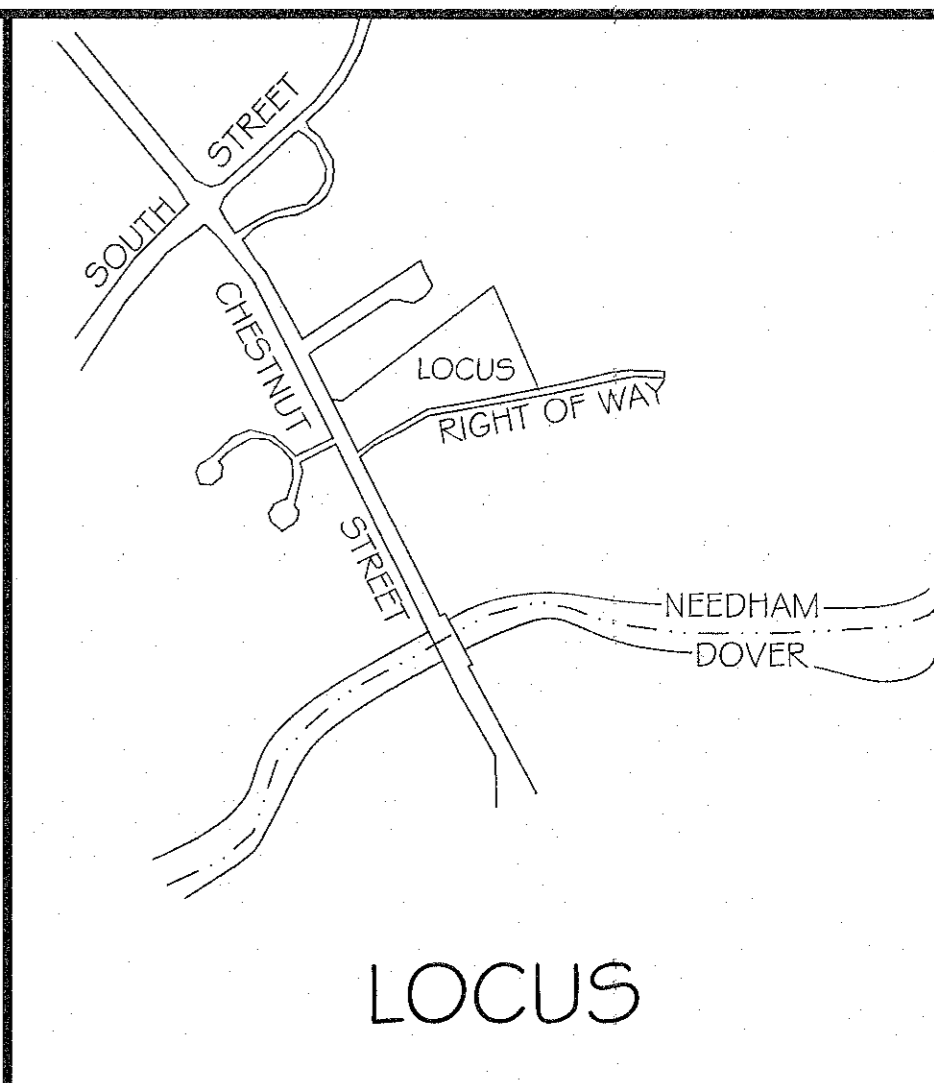
766 CHESTNUT STREET LLC
766 CHESTNUT STREET
NEEDHAM, MA 02492

ZONING CLASSIFICATION:

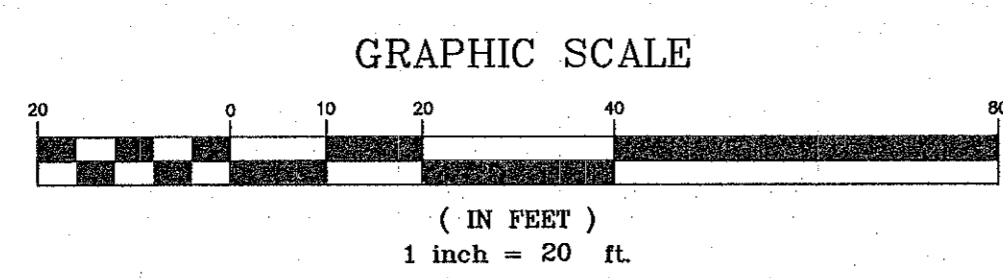
RURAL RESIDENCE - CONSERVATION
MIN. LOT SIZE = 43,560 S.F.
MIN. FRONTAGE = 150'

MIN. SETBACK REQUIREMENTS:

FRONT SETBACK = 50'
SIDE SETBACK = 25'
REAR SETBACK = 25'



NOTE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. DIGSAFE IS TO BE NOTIFIED 72 WORKING HOURS IN ADVANCE OF CONSTRUCTION. DIGSAFE 1-888-344-7233



REVISIONS		
No.	DATE	DESCRIPTION

FLD:
DD, SM
DRW.:
JEH
CHKD.:
RST

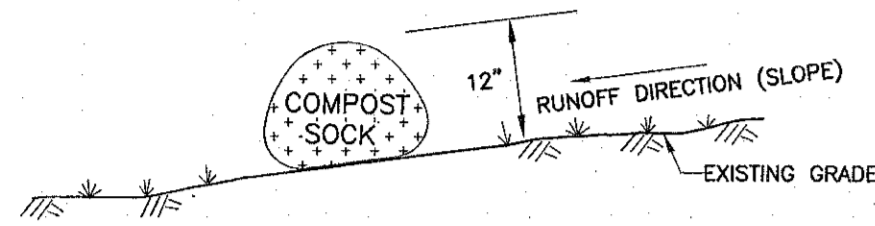


GLM Engineering Consultants, Inc.
19 EXCHANGE STREET
HOLLISTON, MA 01746
P: 508-429-1100 F: 508-429-7160
www.GLMengineering.com

PROPOSED HOUSE PLAN
15 HEATHER LANE (LOT 1)
NEEDHAM, MASSACHUSETTS
PREPARED FOR:
766 CHESTNUT STREET LLC
766 CHESTNUT STREET
NEEDHAM, MASSACHUSETTS 02492

JOB No. 16327 SITE PLAN
DATE: 06/01/2021
SCALE: 1"=20'
SHEET: 1 of 2
PLAN #: 27,512

COMPOST SOCK SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.



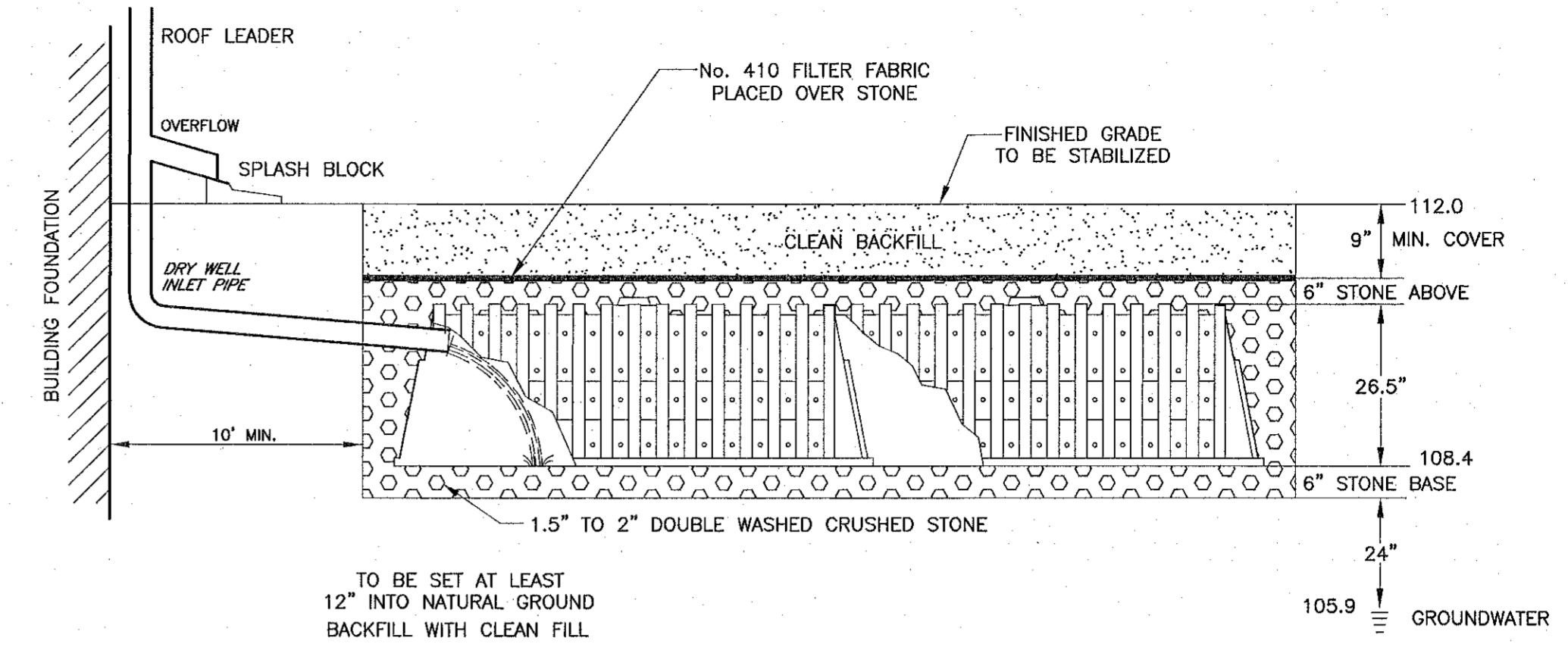
**EROSION CONTROL BARRIER
COMPOST SOCK**
N.T.S.

- CONSTRUCTION SEQUENCE:**
1. POST DEP FILE NUMBER.
 2. INSTALL EROSION CONTROL.
 3. INSTALL CONSTRUCTION ENTRANCE.
 4. CALL CONSERVATION COMMISSION AGENT FOR INSPECTION (781-455-7550 X 272).
 5. CLEAR BRUSH AND CUT TREES. REMOVE AND DISPOSE OF STUMPS PROPERLY.
 6. INSTALL REPLACEMENT TREES AND SHRUBS.
 7. INSTALL WEILAND BOUNDS.
 8. INSTALL THE HOUSE FOUNDATION.
 9. ROUGH GRADE THE SITE.
 10. CONSTRUCT THE HOUSE.
 11. FINISH GRADE AND INSTALL THE DRIVEWAY.
 12. INSTALL LANDSCAPING AND COMPLETE LOAMING AND SEEDING.
 13. PREPARE AN AS-BUILT PLAN.
 14. AFTER THE GRASS HAS BECOME ESTABLISHED, REQUEST A CERTIFICATE OF COMPLIANCE FROM THE CONSERVATION COMMISSION.

DEEP OBSERVATION HOLE LOGS

DEEP HOLE -- 20-1		
HORIZ	DATE: 10/21/20	ELEV.
DEPTH	SOIL DESCRIPTION	
0"	A SANDY LOAM	109.9
12"	10VRS/2	108.9
	Bw SANDY LOAM	
	10VRS/6	
26"		107.7
	C2 LOAMY SAND	
	2-3VRS/2	
132"		98.9
129"	GROUNDWATER OBSERVED	99.2
48"	SOIL MOTTLING	105.9
N/A	GROUNDWATER MONITORED	
48"	ESTIMATED SEASONAL HIGH GROUNDWATER	105.9

CERTIFIED SOIL EVALUATOR : CHRIS GABORIAULT



DRAINAGE SYSTEM CALCULATIONS

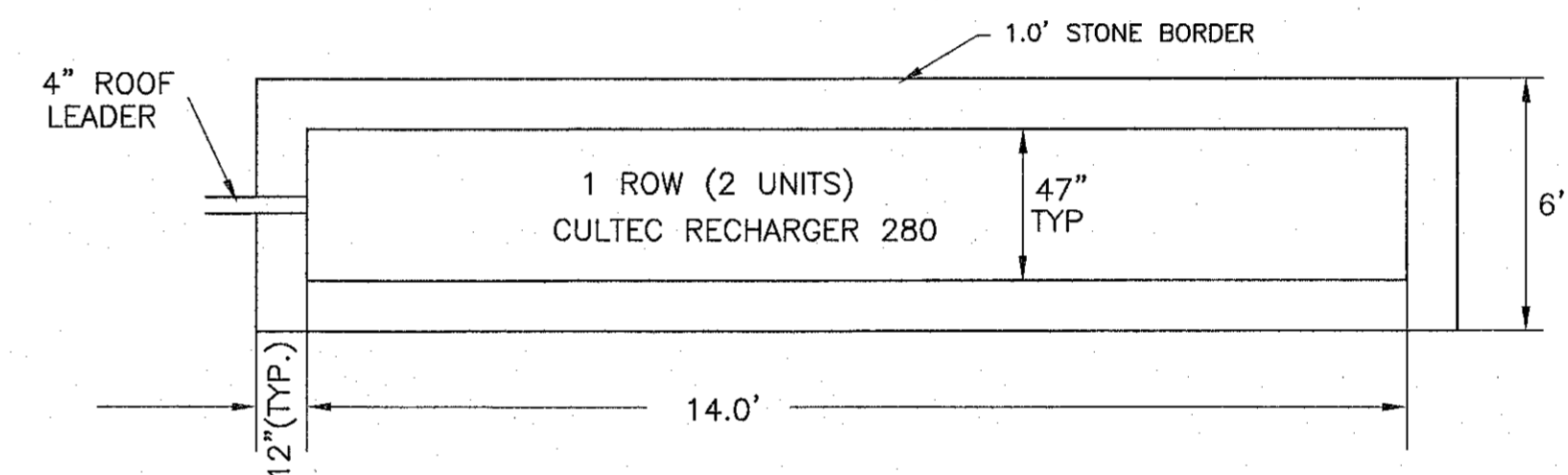
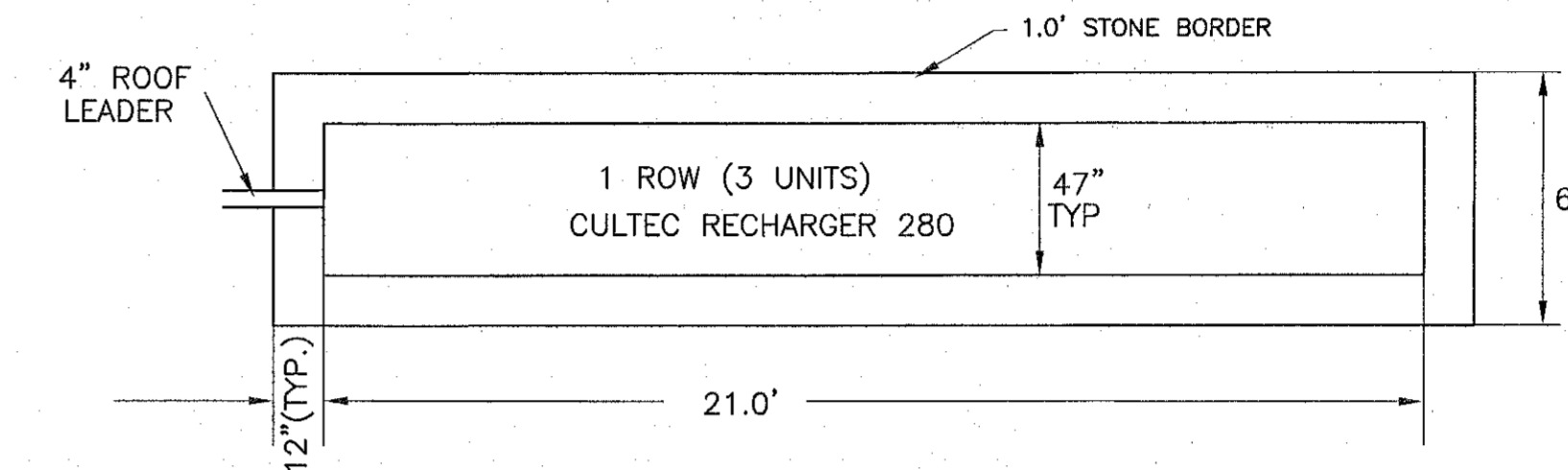
PROPOSED ROOF AREA = 3,246 S.F.

VOLUME REQUIRED FOR 1" OF RUNOFF OVER ROOF AREA:
2,460 S.F. x 1" = 270.5 C.F.

DRAINAGE SYSTEM:
CULTEC CHAMBERS - RECHARGER 280 WITH STONE
TOTAL STORAGE WITH STONE = 64.46 C.F./UNIT

No. CULTEC CHAMBERS REQUIRED = 270.5 C.F./64.46
C.F./UNIT = 4.2 = 5 CHAMBERS

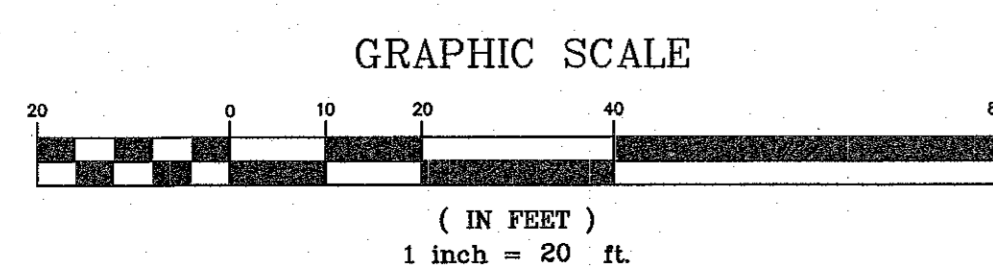
VOLUME PROVIDED:
1 SYSTEM x 3 UNITS/SYSTEM = 3 UNITS
1 SYSTEM x 2 UNITS/SYSTEM = 2 UNITS
5 x 64.46 = 322.3 C.F.



**CULTEC DRY WELL SYSTEM
FOR ROOF RUNOFF INFILTRATION
CULTEC RECHARGER 280**
N.T.S.

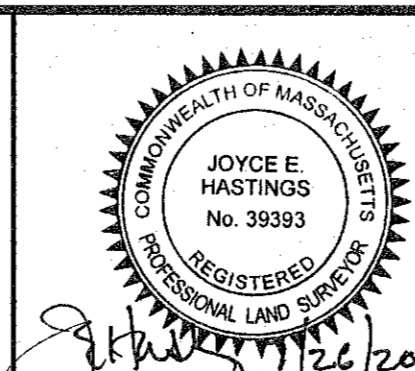


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