

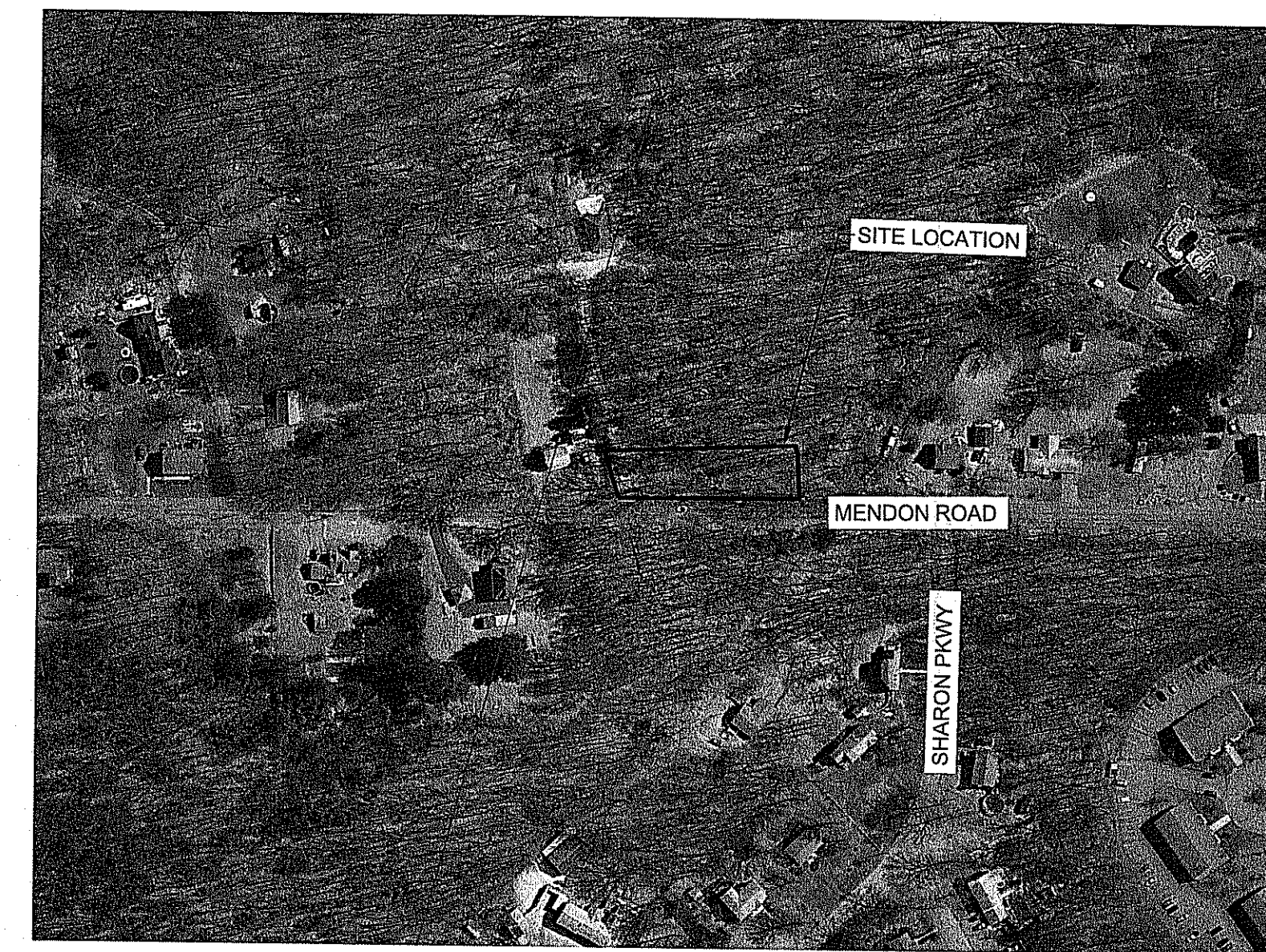
RAIN GARDEN INSTALLATION NOTES

- TO PREVENT COMPACTION OF THE SOIL IN THE RAIN GARDEN, CONSTRUCTION VEHICLES MUST NOT BE ALLOWED TO DRIVE OVER THE AREA. IF IT BECOMES COMPACTED, THE SOIL MUST BE SUITABLE AMENDED, TILLED, AND RE-VEGETATED ONCE CONSTRUCTION IS COMPLETE TO RESTORE INFILTRATION CAPACITY.
- APPROVED NATIVE PLANTS FROM THE RI COASTAL PLANT GUIDE ([WWW.URI.EDU/CELS/CECO/COASTALPLANTS/COASTALPLANTGUIDE.HTM](http://www.uri.edu/cels/ceco/coastalplants/coastalplantguide.htm)) OR APPENDIX B OF THE RI STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL SHALL BE USED FOR THE RAIN GARDEN. ADDITIONAL PLANTING GUIDANCE CAN BE FOUND IN THE CRMC COASTAL BUFFER ZONE PLANTING GUIDE ([HTTP://WWW.CRMC.RI.GOV/COASTALLANDSCAPES/COASTAL_BUFFER_PLANTING_GUIDE.PDF](http://www.crmc.ri.gov/coastallandscapes/coastal_buffer_planting_guide.pdf))

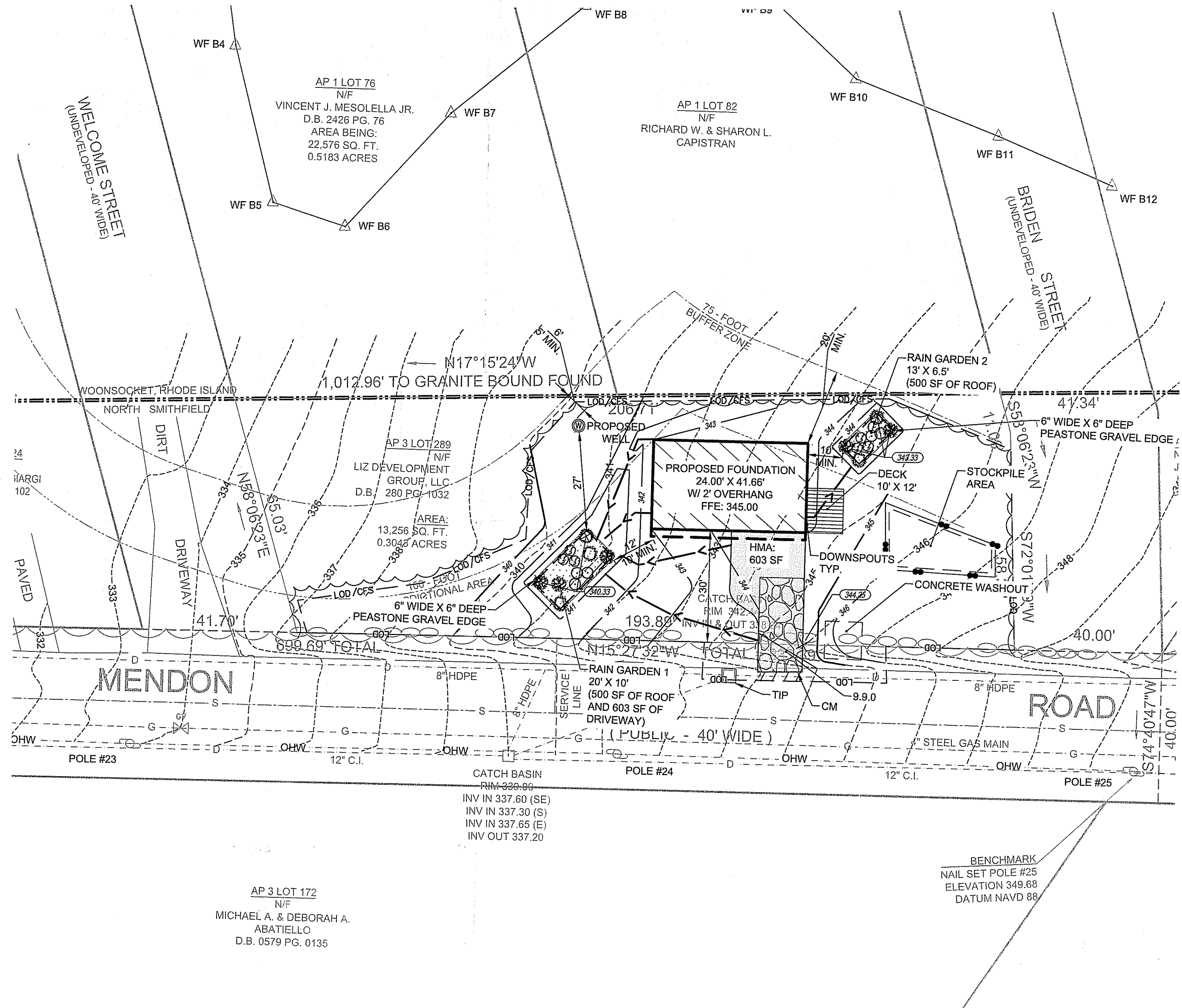
RAIN GARDEN INSPECTION, MAINTENANCE, AND REPAIR NOTES

FOLLOWING CONSTRUCTION, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE OWNER.

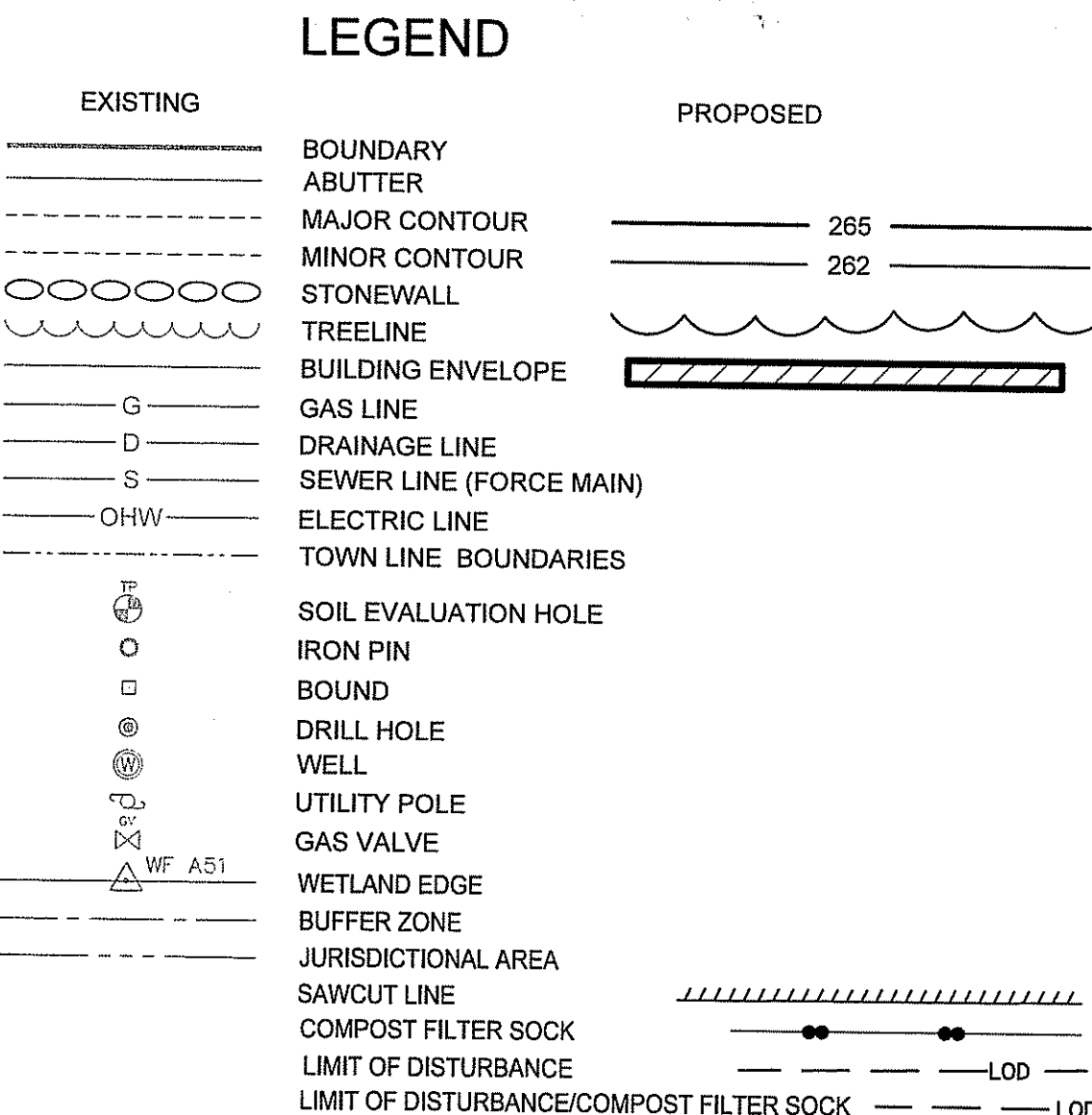
- THE RAIN GARDEN SHALL BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO PRECIPITATION EVENTS OF AT LEAST 1" OR GREATER.
- PLANTS SHALL BE REPLACED ON AN AS NEEDED BASIS DURING THE GROWING SEASON.
- SILT AND SEDIMENT SHALL BE REMOVED FROM THE RAIN GARDEN WHEN THE ACCUMULATION HAS EXCEEDED 1" OR WHEN WATER PONDS ON THE SURFACE FOR MORE THAN 48 HOURS. THE TOP FEW INCHES OF MATERIAL SHALL BE REMOVED AND REPLACED WITH FRESH SOIL MIXTURE AND MULCH.
- PRUNING OR REPLACEMENT OF WOODY VEGETATION SHALL OCCUR WHEN DEAD OR DYING VEGETATION IS OBSERVED.
- SOIL EROSION GULLIES SHALL BE REPAIRED WHEN THEY OCCUR.
- FERTILIZER OR PESTICIDES SHALL NOT BE APPLIED TO PLANTS WITHIN RAIN GARDENS.
- PERENNIAL PLANTS AND GROUND COVERS SHALL BE REPLACED AS NECESSARY TO MAINTAIN AN ADEQUATE VEGETATED GROUND COVER. ANNUAL PLANTS MAY ALSO BE USED TO MAINTAIN GROUND COVER.



LOCUS MAP
1"=200'



SYMBOL	SPECIES	SPACING	RAIN GARDEN 1 QTY.	RAIN GARDEN 2 QTY.
	SPICE BUSH (LINDERA BENZOIN)	5' ± ON CENTER	3	2
	SWEET PEPPERBUSH (CLETHRA ALNIFOLIA)	5' ± ON CENTER	3	2
	SENSITIVE FERN (ONOCLEA SENSIBILIS)	GROUPS OF 3, 2' ± ON CENTER	3	3
	SPOTTED JOE-PYE WEED (EUPATORIUM MACULATUM)	GROUPS OF 3, 2' ± ON CENTER	3	3



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: FEB 23 2024 FILE #: 24-0016
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Andrew L. Freeman

RI Environmental Management
JAN 9 9 2024
Office of Water Resources

EROSION AND SEDIMENT CONTROL NOTES:

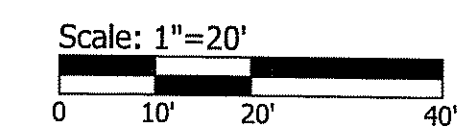
- THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SILT SACKS IN ALL EXISTING AND NEWLY INSTALLED CATCH BASINS UNTIL THE UPSTREAM AREA IS STABILIZED.
- CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION ENTRANCES AT ALL POINTS OF EGRESS FROM THE SITE THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN EROSION CONTROLS THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL REPLACE DAMAGED EROSION CONTROLS AT THE OWNER AND ENGINEER'S REQUEST AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL NOT LEAVE DISTURBED AREAS UNSTABILIZED FOR PERIODS MORE THAN 14 DAYS. PROVIDE TEMPORARY SEED OR MULCH ON DISTURBED AREAS THAT WILL REMAIN EXPOSED FOR GREATER THAN 14 DAYS.
- INSTALL EROSION CONTROLS DOWNSTREAM OF ANY DISTURBED AREAS TO REDUCE POTENTIAL FOR EROSION. CONTRACTOR SHALL INDICATE LOCATIONS OF EROSION CONTROLS FOR REVIEW WITH GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.

GENERAL NOTES:

- PROJECT LOCATION: MENDON ROAD, NORTH SMITHFIELD, RI. ASSESSOR'S MAP 3, LOT 289.
- EXISTING CONDITIONS MAPPING FROM PLAN ENTITLED "LIZ DEVELOPMENT GROUP, LLC., ASSESSORS PLAT 3 LOT 289, MENDON ROAD, NORTH SMITHFIELD, RHODE ISLAND" PREPARED BY NATIONAL SURVEYORS-DEVELOPERS, INC., DATED MAY 2022.
- WETLAND FLAGS IDENTIFYING WETLAND RESOURCE AREAS WERE PLACED BY PARE CORPORATION ON DECEMBER 21, 2023 AND LOCATED BY A TRIMBLE R12 UNIT.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
- ALL UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AND THE COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS, AS DEPICTED ON THE PLANS, SHALL BE THE CONTRACTOR'S.
- CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF RHODE ISLAND TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT THE PROPOSED BUILDING AND SITE IMPROVEMENTS. THE CONTRACTOR'S SURVEYOR SHALL COORDINATE THE BUILDING LAYOUT WITH THE PROJECT LAND SURVEYOR TO ACCURATELY LOCATE THE BUILDING ON THE SITE.

GRADING NOTES:

- AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.
- BASIN BERM SHALL BE CONSTRUCTED WITH COMMON BORROW PLACED IN 12" LEFTS AND COMPACTED TO 95% TO FINISH GRADE. REMOVE ALL EXISTING TOPSOIL AND ORGANIC MATERIAL PRIOR TO CONSTRUCTING BASIN BERM.



SCALE ADJUSTMENT GUIDE
0" 1"
BAR IS ONE INCH ON ORIGINAL DRAWING

MENDON ROAD
PROPOSED DWELLING
NORTH SMITHFIELD, RI

JOSEPH WEED
NO. 11763
REGISTERED PROFESSIONAL ENGINEER (CIVIL)

REVISIONS:

NO.	DESCRIPTION

PROJECT NO.: 23063.00
DATE: JANUARY 2024
SCALE: 1" = 20'
DESIGNED BY: CVH
CHECKED BY: JLW
DRAWN BY: CVH
APPROVED BY:
DRAWING TITLE:
GENERAL PLAN
DRAWING NO.:
C1
SHEET NO. 1 OF 2

RIPEN COPY

