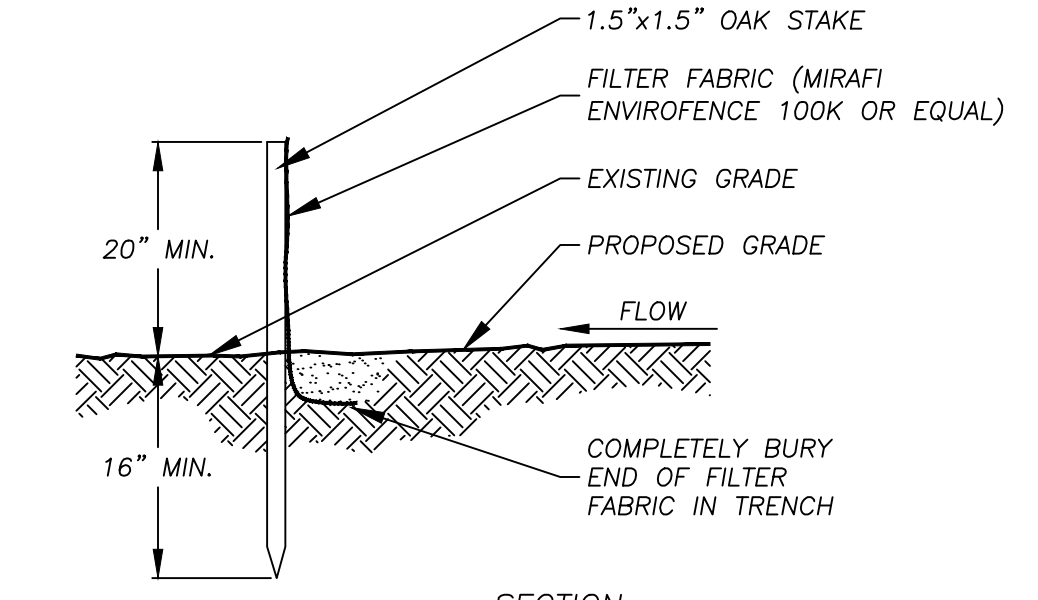


SYMBOL & LINE LEGEND

- IRON PIPE FOUND
- ⊕ UTILITY POLE
- GUY ANCHOR
- ⊙ WELL LOCATION
- ⊙ PERC TEST LOCATION
- ⊙ M.A.H.W. FLAG LOCATION
- EXISTING STONE WALL
- 219 --- EXISTING CONTOUR
- 214 --- PROPOSED CONTOUR
- FENCE LINE
- OHW --- OVERHEAD WIRES
- UEL --- UNDERGROUND ELECTRIC
- W --- WATER LINE
- SF --- SILT FENCE LINE



SILT FENCE INSTALLATION NOTES

- THIS SEDIMENT BARRIER UTILIZES MIRAFI ENVIROFENCE (100K) OR EQUAL. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.
- THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES (HIGHER BARRIERS MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE). IDEALLY THE FILTER FENCE SHALL BE PLACED 10 FEET AWAY FROM THE TOE OF SLOPE.
- WHEN JOINTS ARE NECESSARY, FILTER FABRICS SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT STAKES WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATION.
- STAKES SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). IN APPLICATIONS WHERE HEAVY FLOWS ARE EXPECTED SUCH AS IN-STREAM INSTALLATIONS STAKE SPACING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS AND/OR THE ENGINEER'S RECOMMENDATIONS.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF STAKES AND UPSLOPE FROM THE BARRIER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE PRE ASSEMBLED SILT FENCE SYSTEM SHALL BE UNROLLED, POSITION THE STAKES ON THE DOWNHILL SIDE OF THE TRENCH AND HAMMER THE STAKES AT LEAST 12 INCHES INTO THE GROUND.
- THE BOTTOM SIX (6) INCHES OF THE FABRIC SHALL BE LAID INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUNOFF.
- BACKFILL THE TRENCH OVER THE FILTER FABRIC AND COMPACT SUFFICIENTLY TO PREVENT THE RUNOFF FROM ERODING THE BACKFILL.
- THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES OR SUPPORTS OTHER THAN THE STANDARD STAKES.
- INSTALLED SILT FENCE BARRIERS SHALL BE MAINTAINED ON A REGULAR SCHEDULE WHICH MAY BE PRESCRIBED BY THE LOCAL STATE OF FEDERAL REGULATORY AUTHORITY; BUT, AT MINIMUM SHALL BE CHECKED WEEKLY AS WELL AS AFTER EACH STORM EVENT. MAINTENANCE SHALL CONSIST OF AN INSPECTION OF THE ENTIRE LENGTH OF THE BARRIER TO DETERMINE IF IT IS FUNCTIONING AS INTENDED. ALL BREAKS, DETACHED FABRIC, SLUMPED FABRIC, CLOGGED FABRIC, AND UNDERMINED AREAS SHALL BE FIXED THE DAY THAT THEY ARE DISCOVERED.
- WHEN A MAXIMUM OF SIX (6) INCHES OF SEDIMENT HAS ACCUMULATED BEHIND THE SILT FENCE THIS SEDIMENT SHALL BE REMOVED AND THE FENCE SHALL BE INSPECTED FOR TEARS, CLOGGING OF BREAKS. ALL DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY EITHER BY REPAIR OR REPLACEMENT OF THE SILT FENCE BARRIER AND/OR STAKES AS NEEDED.
- SILT FENCE BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN CLEANED OF SILT AND PERMANENTLY STABILIZED.

STORMWATER & DRYWELL NOTES

- THE PROPOSED DRY WELL SHOWN HAS A 500 GALLON STORAGE CAPACITY. CONTRACTOR SHALL CONTACT RLA FOR AN APPROVED EQUIVALENT SHOULD THE SPECIFIED DRY WELL NOT BE AVAILABLE.
- EXCAVATION CONTRACTOR SHALL VERIFY DEPTH TO SEASONAL HIGH GROUNDWATER PRIOR TO INSTALLATION OF DRYWELL AND MAINTAIN ADEQUATE SEPERATION FROM BOTTOM OF DRYWELL STRUCTURE TO SEASONAL HIGH GROUNDWATER.
- ANY DEVIATION TO THE LOCATION OF THE PROPOSED DRYWELL MUST ADHERE TO ALL 310 CMR 15.00 AND BUILDING CODE SETBACK REQUIREMENTS.
- HOMEOWNER TO BE RESPONSIBLE FOR PROPER MAINTENANCE AND INSPECTION OF DRYWELL.

ZONING REVIEW - Lake Wyola District (LW)

TYPE (MINIMUM)	REQUIRED	EXISTING
AREA	90,000 FT ²	22,000± FT ²
FRONTAGE	250 FT	120± FT
FRONT YARD	20 FT	80± FT
SIDE YARD	15 FT	24± FT
REAR YARD	15 FT	50± FT
LAKE SETBACK	25 FT	50± FT
HEIGHT (MAX)	28 FT	<28± FT
FLOOR AREA (MAX)	10,000 S.F.	2,240± S.F.

NOTES

- THE RECORD OWNER OF THE SUBJECT PARCEL IS TIMOTHY A. PICKERING. SEE FRANKLIN COUNTY REGISTRY OF DEEDS BOOK 8285 PAGE 148.
- THE PROPERTY LINES SHOWN HEREON ARE BASED UPON A PLAN TITLED, "GREAT PINES LAKE WYOLA SHUTESBUR, MASS." PREPARED BY E.A. CHAMBERLIN, DATED JUNE 24, 1937. SEE FRANKLIN COUNTY REGISTRY OF DEEDS BOOK OF PLANS 11 PAGE 1.
- THE EXISTING BUILDING(S) SHOWN HEREON ARE BASED ON AN APPROXIMATE MEASUREMENT OF THE OUTSIDE PERIMETER OF THE EXISTING STRUCTURES. THE ACTUAL LOCATION OF THE EXISTING BUILDING WALLS AND CORNERS SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY CONSTRUCTION WORK THAT WOULD ABUT OR TAKE PLACE ADJACENT TO THE EXISTING BUILDING(S). IF THE PLAN HEREON IS USED FOR CONSTRUCTION LAYOUT PURPOSES, THE PARTIES CONDUCTING LAYOUT SHALL CONTACT R. LEVESQUE ASSOCIATES INC. PRIOR TO SAID LAYOUT TO DETERMINE PROPER CONTROL. PLEASE NOTE WHILE THE BUILDING(S) ARE SHOWN TO BE SQUARE, IT SHOULD NOT BE ASSUMED THAT THE WALLS ARE SQUARE OR PLUMB. R. LEVESQUE ASSOCIATES TAKES NO RESPONSIBILITY FOR THIRD PARTY LAYOUT OF THE PLAN SHOWN HEREON.
- THIS PLAN HAS BEEN PREPARED FOR CONSERVATION PERMITTING PURPOSES AND SHALL NOT BE USED FOR THE CONVEYANCE OF LAND OR FOR ANY OTHER USE.
- SUBJECT PARCEL CONTAINS 22,000± S.F.
- THE SUBJECT PROPERTIES SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN THE VARIOUS DEEDS OF RECORD DESCRIBING SAID PROPERTIES. THE LOCATION AND EXTENT OF ANY SUCH RIGHTS AND EASEMENTS IS NOT THE SUBJECT OF THIS PLAN.
- WETLAND RESOURCES DELINEATED BY R. LEVESQUE ASSOCIATES, INC. ON JANUARY 16, 2024.
- THE EXISTING CONDITIONS INFORMATION SHOWN IS BASED UPON A TOPOGRAPHIC SURVEY PERFORMED BY R. LEVESQUE ASSOCIATES, INC. ON JANUARY 16, 2024 (NAVD 1988).
- UTILITIES HAVE NOT BEEN SHOWN.
- ADJACENT PROPERTY LINES AND ABUTTERS SHOWN HEREON ARE REFERENCED FROM THE PLAN MENTIONED ABOVE. SEE FRANKLIN COUNTY REGISTRY OF DEEDS BOOK OF PLANS 11 PAGE 1.
- SUBJECT PARCEL IS ZONED LAKE WYOLA DISTRICT (LW) ACCORDING TO THE SHUTESBUR ZONING MAP.
- A PORTION OF THE SUBJECT PARCEL IS LOCATED WITHIN FLOOD ZONE A1 (100 YEAR FLOOD ZONE ELEVATION=836' (NAVD 1929) ACCORDING TO FLOOD INSURANCE RATE MAP NUMBER 2501280010A - EFFECTIVE DATE: 6/18/1980.
- THE SUBJECT PROPERTY IS NOT LOCATED WITHIN NATURAL HERITAGE & ENDANGERED SPECIES PROGRAM (NHESP) JURISDICTION.

PROPOSED PLANTING REPLACEMENT PLAN

SYMBOL	KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE
⊙	RD	8	RHODODENDRON (TYP.)	RHODODENDRON	2-3' HEIGHT
⊙	AR	3	ACER RUBRUM	RED MAPLE	5-6' HEIGHT
⊙	PG	14	PICEA GLAUCA	WHITE SPRUCE	4-5' HEIGHT

RLA
R LEVESQUE ASSOCIATES INC.
Landscape Architects
Civil Engineers - Land Surveyors
Environmental Consultants
ph: 413.568.0985 fax: 413.568.0986
40 School Street
Westfield, MA 01085
rlaland.com

NOI FILING PLAN
74 Lake Drive
Shutesbury, MA
Map B Parcel 53, 54, & 55

PREPARED FOR:
Mr. Timothy Pickering
829 Main Street
Amherst, MA 01003

ISSUANCE DATE: February 13, 2024

REVISIONS:	DATE:
A. DEP COMMENTS & NEW OWNERSHIP	3-2-24
B. Planting plan & drywell	3-26-24

DRAFTED BY: M.B.

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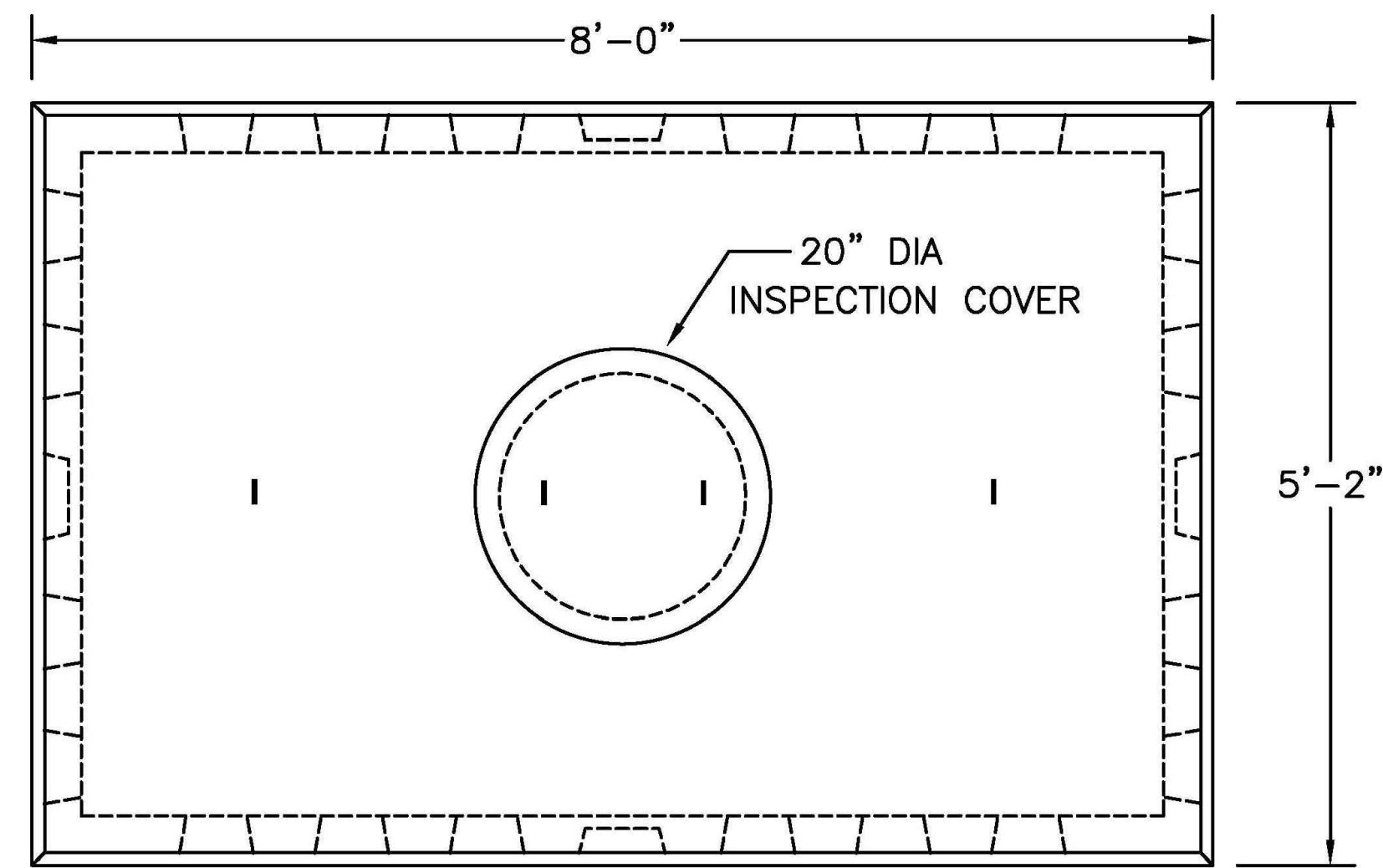
SCALE: As Noted

RLA PROJ. NUMBER: 231208

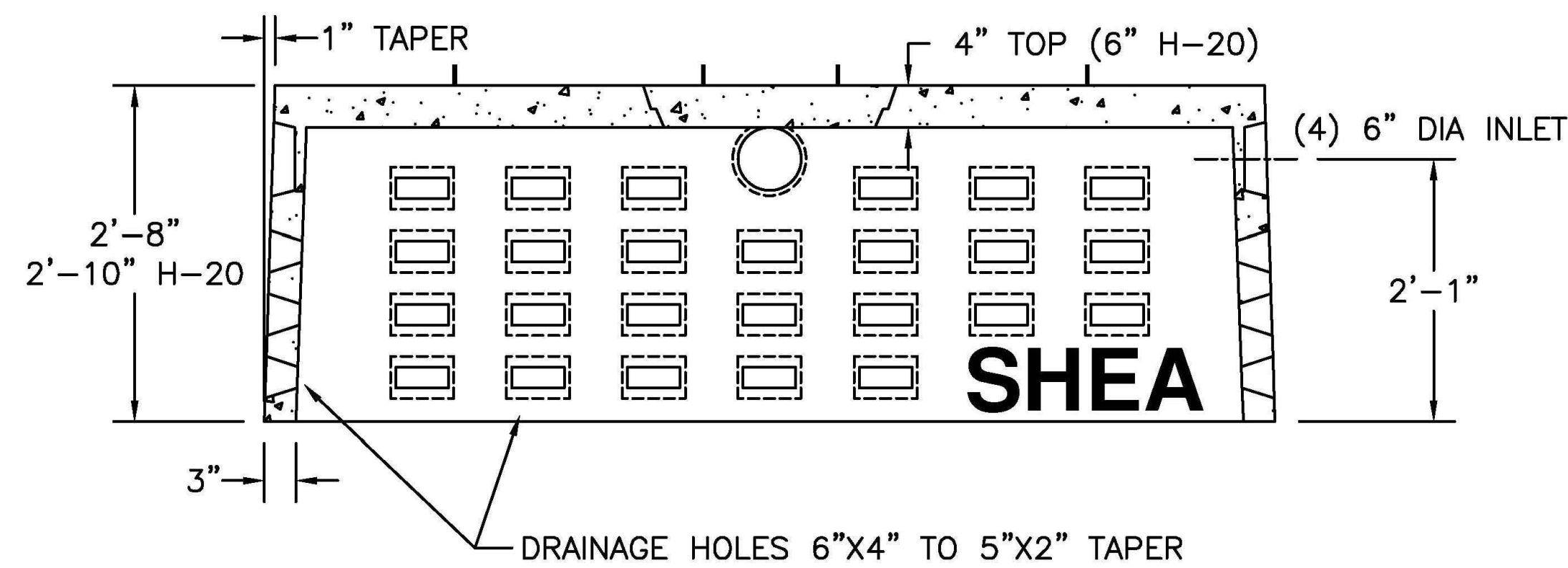
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SHEA CONCRETE PRODUCTS
 New England's Premier Precaster
 800-696-7432 (SHEA)
 www.sheaconcrete.com
 BILLING ADDRESS: 87 HAVERHILL RD, AMESBURY MA 01913

500 GALLON
 SHALLOW DRY WELL



PLAN VIEW



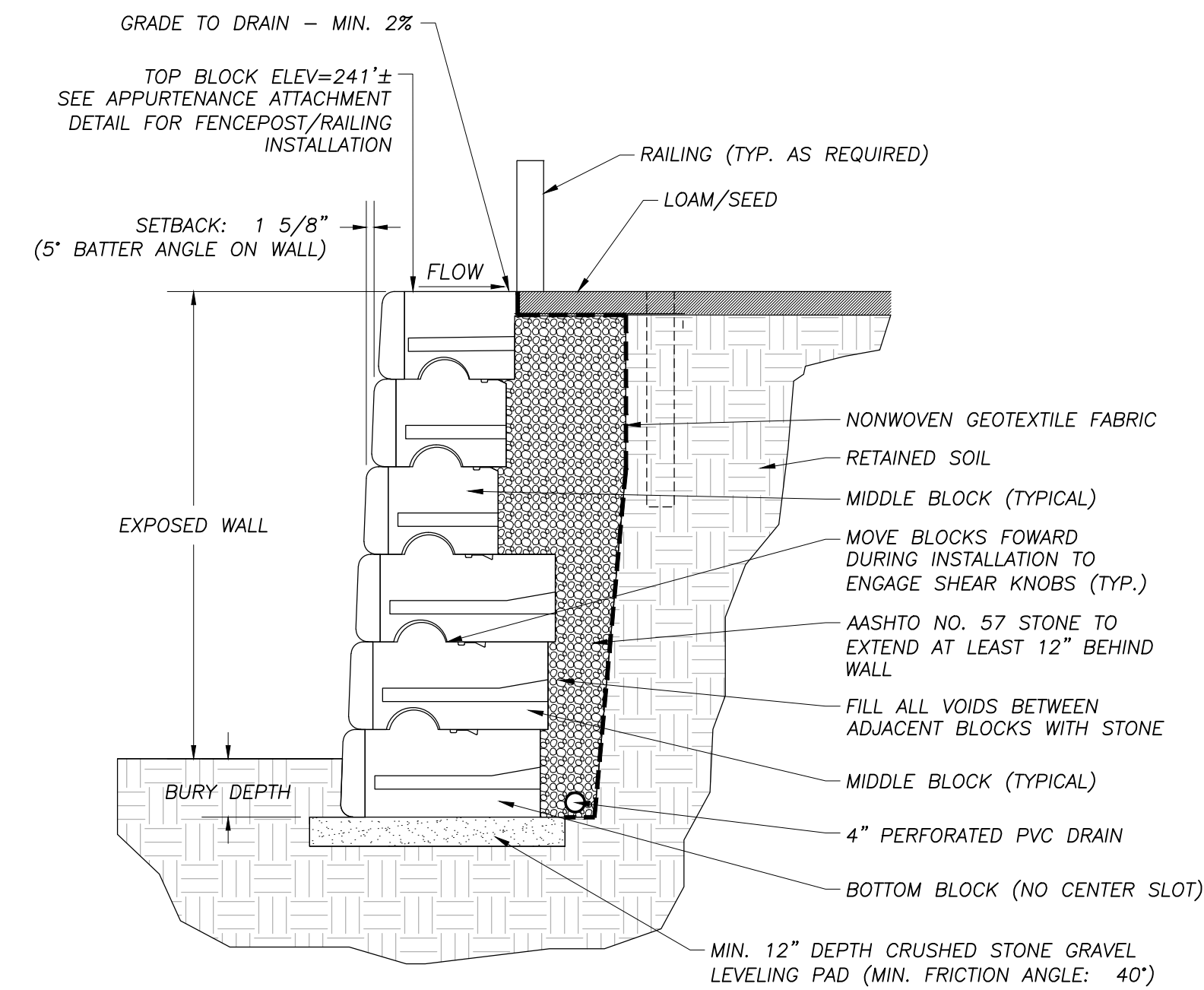
SECTION VIEW

NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

SHEA PRODUCT ID: SDW/SDWH	PREPARED FOR:	FILE NAME: dwr500.dwg	
WEIGHT (LBS): 5,142#/6,065#	DRAWN BY: ARO	DATE: 06/01/18	
773 Salem Street-Wilmington, MA 153 Cranberry Hwy-Rochester, MA 87 Haverhill Road-Amesbury, MA 160 Old Turnpike Rd-Nottingham, NH			

Specifications subject to change without notice

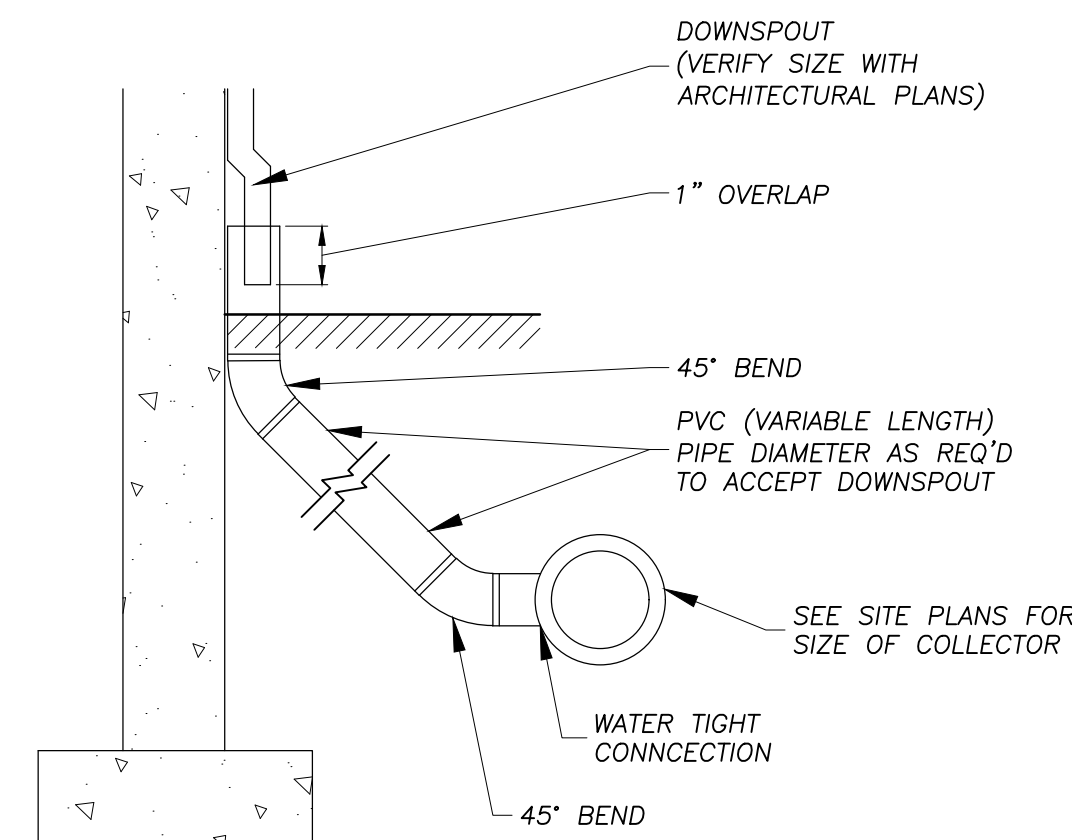


TYPICAL SECTION - SEGMENTAL PRECAST CONCRETE RETAINING WALL

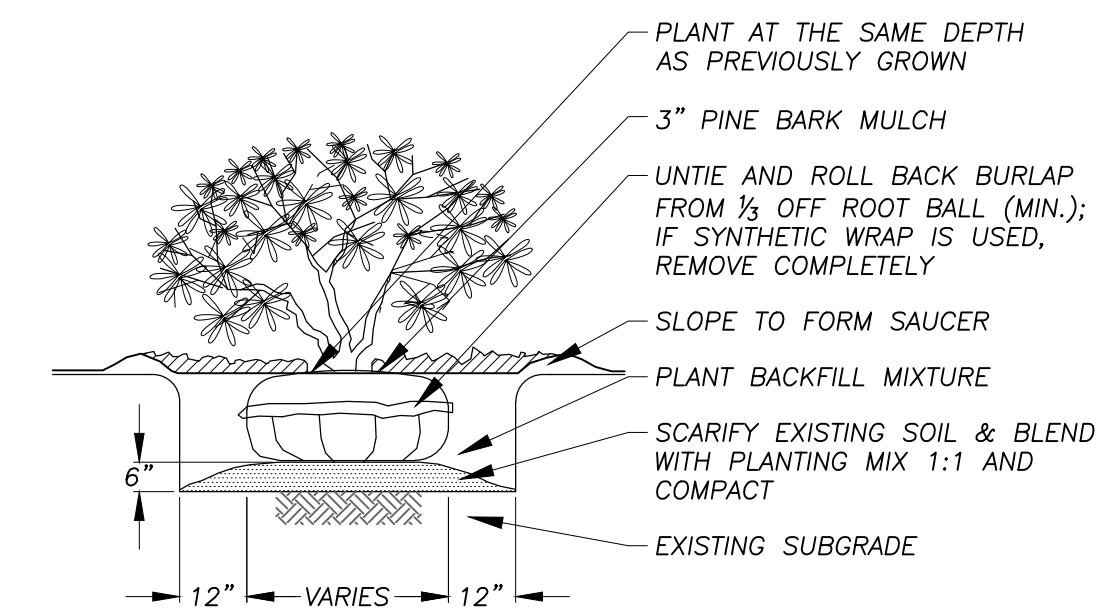
NOTES:

1. THIS DETAIL HAS BEEN PROVIDED FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE FULL CONSTRUCTION DETAILS AND WALL PROFILE STAMPED BY A PROFESSIONAL ENGINEER FOR CITY/RLA APPROVAL, IF REQUIRED. PROPOSED WALLS SHOWN HERE ARE LESS THAN 4' IN HEIGHT.
2. THE INFORMATION SHOWN HEREON IS INTENDED TO CONVEY INFORMATION RELATED TO THE ANTICIPATED GRAVITY RETAINING WALL CONSTRUCTION UTILIZING THE SPECIFIED PRODUCT FOR BIDDING PURPOSES. GEGRID REINFORCEMENTS, CONCRETE FOOTINGS, AND OTHER SEVERE-DUTY ELEMENTS MAY BE REQUIRED DUE TO EXISTING SOILS, LOADING, WALL HEIGHT, ETC. AT THE PROPOSED SITE.
3. FINAL WALL DETAILS MUST ADDRESS BOTH INTERNAL AND EXTERNAL DRAINAGE, DRAINAGE CONNECTIONS, AND ANY NECESSARY ACCOMMODATION FOR UTILITY CROSSINGS.
4. FINAL WALL DESIGN AND INSTALLATION SHALL CONFORM, AT A MINIMUM, TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOUND INTO THE PROJECT SPECIFICATIONS.

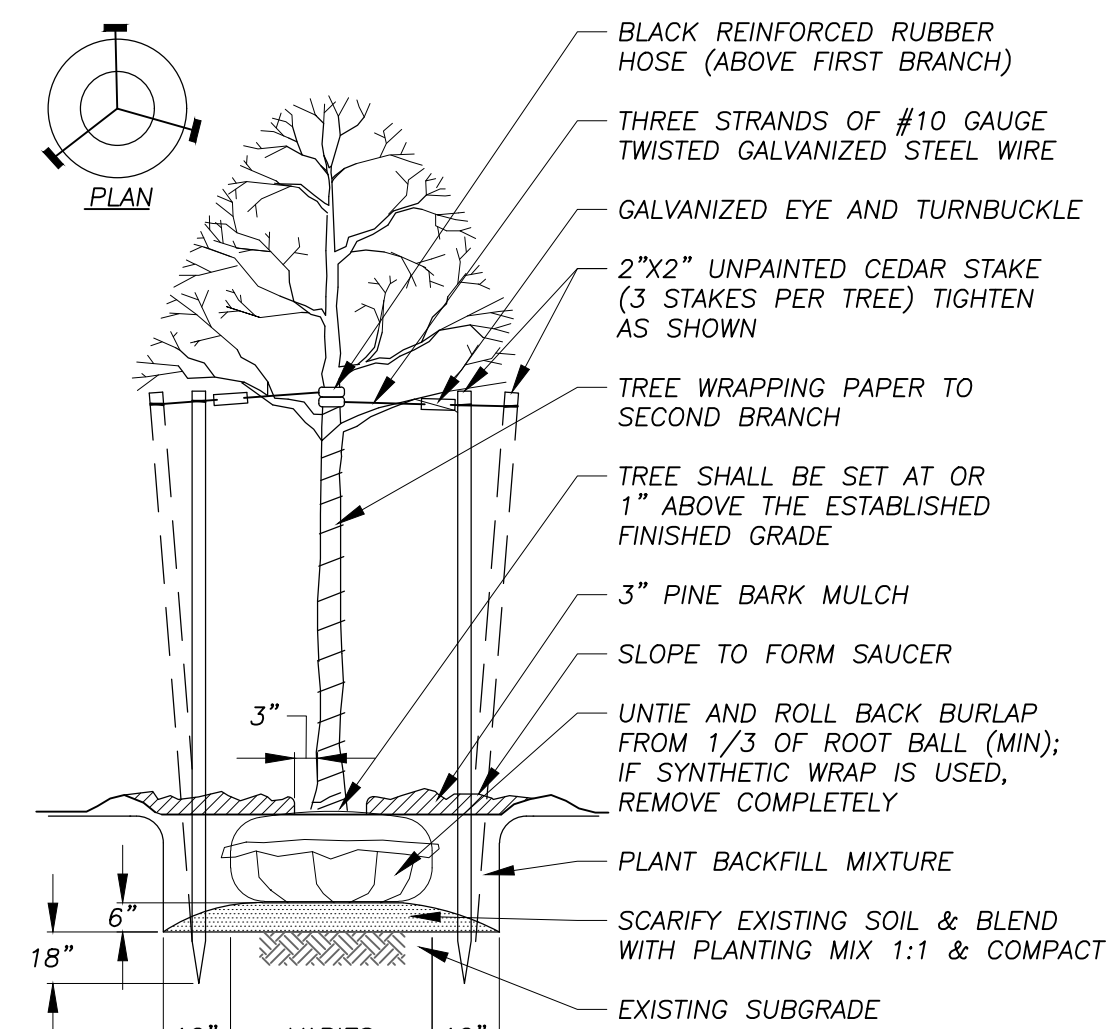
DETAIL & PRODUCT SOURCE:
 REDI-ROCK INTERNATIONAL
 www.redi-rock.com



DOWNSPOUT COLLECTOR DETAIL
 NO SCALE



SHRUB PLANTING DETAIL
 NO SCALE



TREE PLANTING DETAIL
 NO SCALE

RLA

R LEVESQUE ASSOCIATES INC.

Landscape Architects
 Civil Engineers - Land Surveyors
 Environmental Consultants

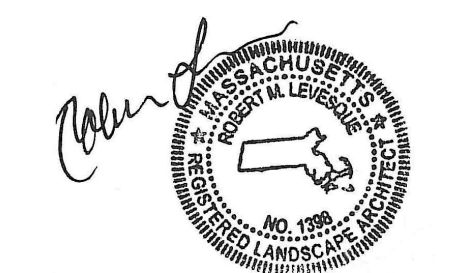
ph: 413.568.0985 fax: 413.568.0986

40 School Street
 Westfield, MA 01085

rlaland.com

DETAILS

74 Lake Drive
 Shutesbury, MA
 Map B Parcel 53, 54, & 55



PREPARED FOR:

Mr. Timothy Pickering
 829 Main Street
 Amherst, MA 01003

ISSUANCE DATE: February 13, 2024

REVISIONS:	DATE:
A. Details added	3-26-24

DRAFTED BY: M.B.

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SCALE: As Noted

RLA PROJ. NUMBER: 231208

DRAWING# REV.

D-1 A