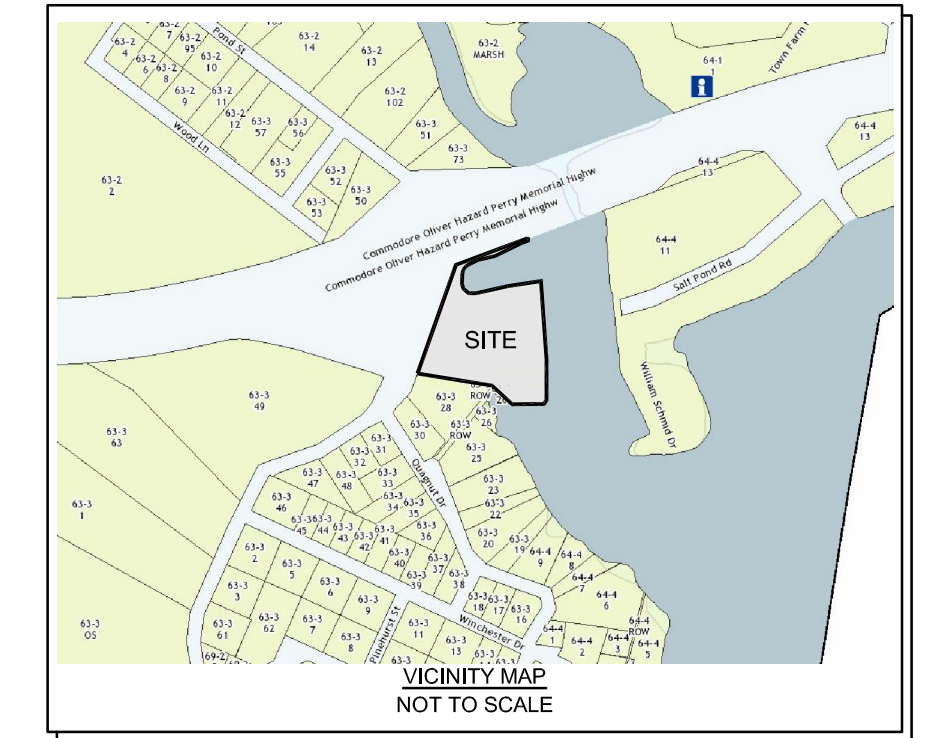


SITE/CIVIL
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- GENERAL NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHY SCALED FROM PLAN ENTITLED, "2016 ALTANSPS LAND TITLE SURVEY" PREPARED BY RAWI ENGINEERING & LAND SURVEYING, P.C., LAST REVISED OCTOBER 1, 2020.
 - VERTICAL DATUM REFERENCES THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - NORTH ARROW SCALED FROM PLAN REFERENCED IN NOTE 1.
 - ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING PLANS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM ALL AVAILABLE INFORMATION. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION AT 1-888-344-7233, AND/OR ALL LOCAL UTILITY COMPANIES).
 - SITE IS ZONED CW.

ZONING DATA: CW			
	RECD	EXISTING	PROPOSED
LOT SIZE:	40,000 S.F.	142,365 S.F. ±	142,365 S.F. ±
FRONTAGE:	100'	370'±	370'±
SETBACKS:			
FRONT:	40'	43.1'	40.0'
REAR:	30'	N/A	N/A
SIDE:	30'	99.0'	30.0'
LOT COVERAGE:	25% MAX	5.4%	12.4%
MAX HEIGHT:	35'	NM	35' MAX

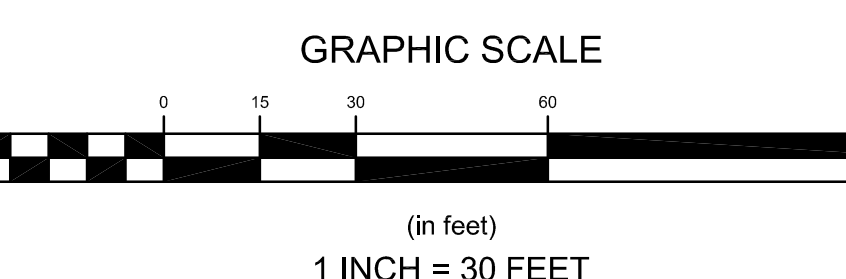
LEGEND

---	PROPERTY LINE
- - -	ABUTTERS PROPERTY LINE
---	EXISTING CONTOUR
---	MEAN HIGH WATER
---	FLOOD ZONE LINE
---	BRUSH LINE
---	EXISTING WATER LINE
---	EXISTING ELECTRIC LINE
---	EXISTING OVERHEAD WIRE
○	IRON ROD
□	STONE BOUND
○	SIGN
○	MAN HOLE
○	UTILITY POLE
○	CATCH BASIN
○	SEWER STRUCTURE
---	SEWER LINE
---	PROPOSED TOPOGRAPHIC CONTOUR
---	PROPOSED SPOT ELEVATION
---	EROSION CONTROL BARRIER
---	LIMIT OF DISTURBANCE
---	STRAWBALE CONTAINMENT BARRIER
---	PVC DRAIN LINE

PARKING CALCULATIONS:

MARINA PARKING REQUIRED: 1.5 SPACES PER SLIP
90 SLIPS X 1.5 SPACES = 135 SPACES
POTENTIAL PARKING SPACES SHOWN = 135 SPACES

PARKING SPACE SURFACE TO REMAIN COMPACTED GRAVEL AND SHALL NOT BE STRIPED.



No.	Revision	Date	App.

Designed By: **JJR** Drawn by: **JJR** Checked by: **GES**

Scale: 1" = 30' Date: 19APR22

Project Title:
SILVER SPRING MARINA
A.P. 63-3, LOT 60
362 POND STREET
WAKEFIELD, RHODE ISLAND

Client/Owner:
SHM SILVER SPRING LLC
14785 PRESTON RD STE 975
DALLAS, TX 75254

Issued for:
PERMITTING

Drawing Title:
PROPOSED SITE PLAN

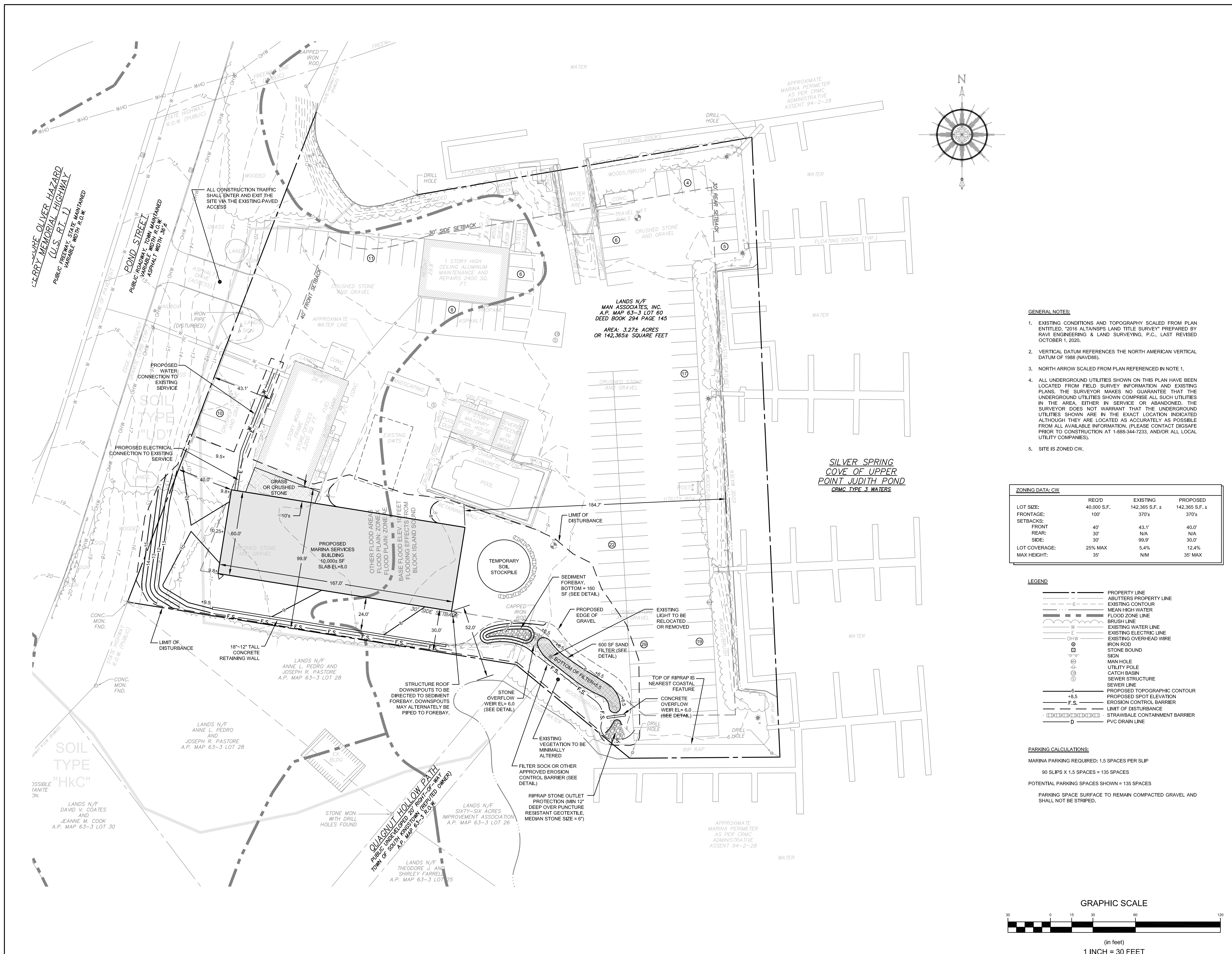
Drawing Number:
C-2

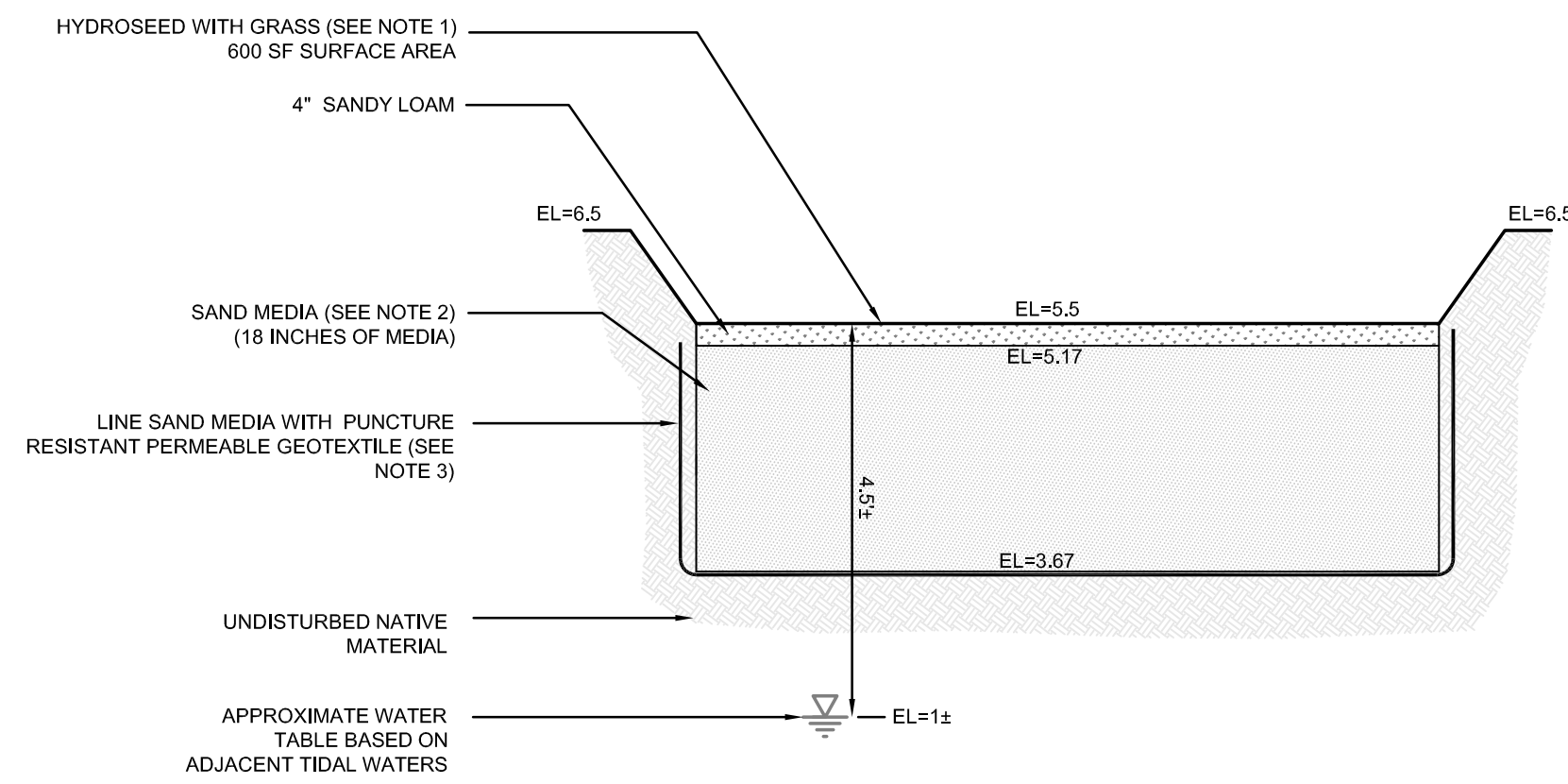
Sheet 2 of 3

Project Number:
20244.0

Survey Index:
38 - 63-3 - 60

OWNERSHIP AND USE OF DOCUMENTS: DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF THE ENGINEER. THESE DOCUMENTS ARE NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECTS OR PURPOSES, OR BY ANY OTHER PARTIES, THAN THOSE PROPERLY AUTHORIZED BY CONTRACT, WITHOUT THE EXPRESS AUTHORIZATION OF THE ENGINEER.

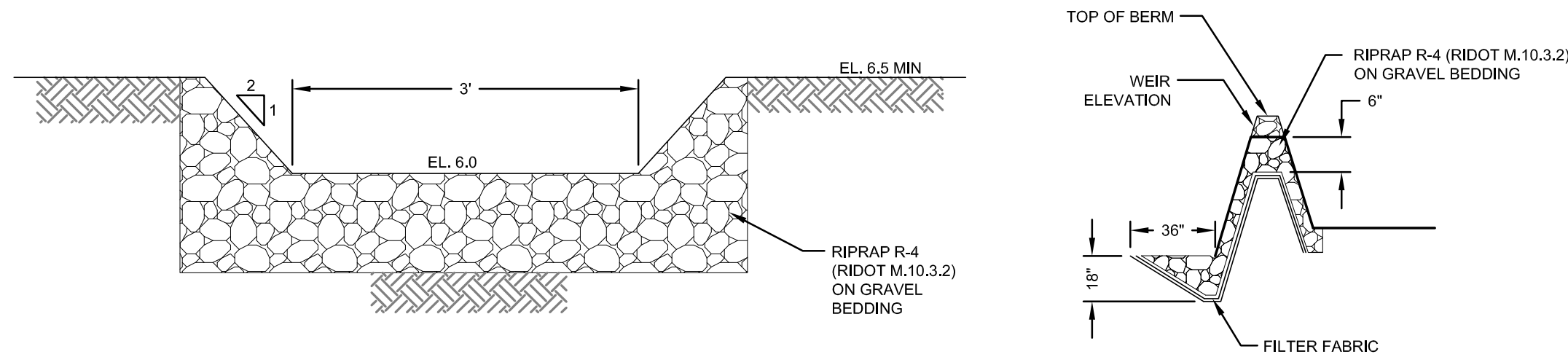




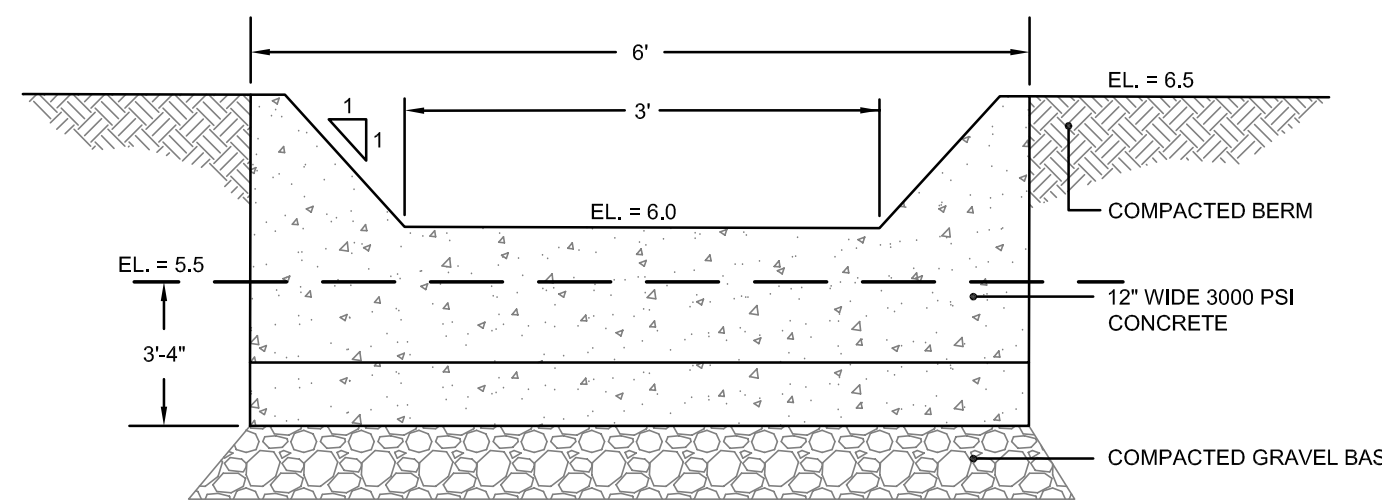
SAND FILTER NOTES:

- SAND FILTER SHALL BE PLANTED WITH NEW ENGLAND WETMIX (WETLAND SEED MIX) BY NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL.
- SAND FILTER SAND TO BE CLEAN AASHTO M-6 OR ASTM C-33 CONCRETE SAND (0.02" TO 0.04"), SAND SUBSTITUTIONS SUCH AS DIABASE AND GRAYSTONE #10 ARE NOT ACCEPTABLE. NO CALCIUM CARBONATED OR DOLOMITIC SAND SUBSTITUTIONS ARE ACCEPTABLE. NO ROCK DUST CAN BE USED AS SAND.
- PERMEABLE GEOTEXTILE FABRIC SHALL HAVE A PUNCTURE STRENGTH OF 125 LBS, A BURST STRENGTH OF 400 PSI (ASTM D 1117) AND A TENSILE STRENGTH OF 300 LBS (ASTM D 1682). FABRIC SHALL BE MIN 0.08" THICK WITH AN EQUIVALENT OPENING SIZE OF #80 SIEVE AND A MINIMUM FLOW RATE OF 125 GPM PER SQUARE FOOT.

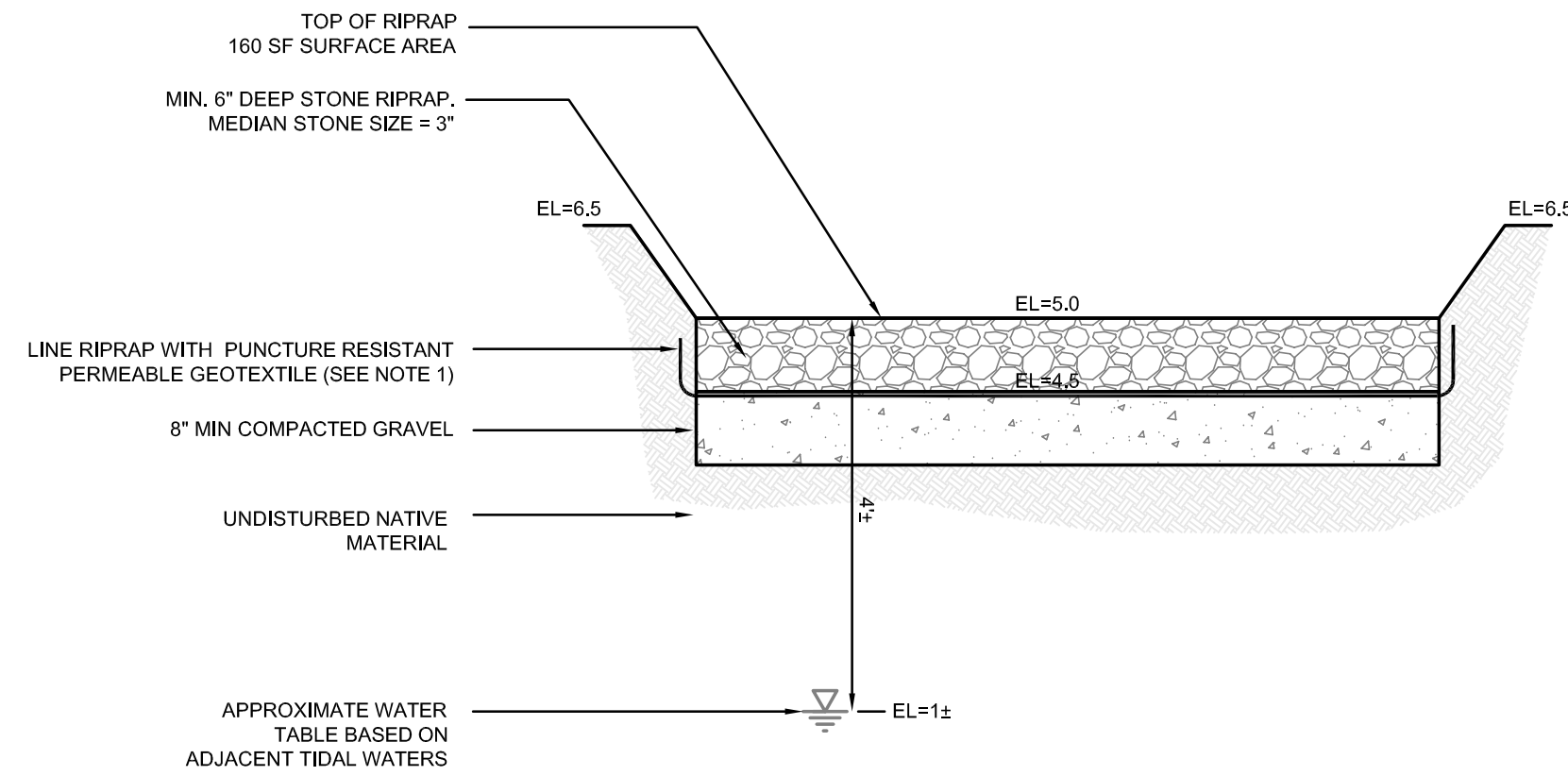
SAND FILTER SECTION
SCALE: NOT TO SCALE



FOREBAY STONE WEIR DETAIL
SCALE: NOT TO SCALE



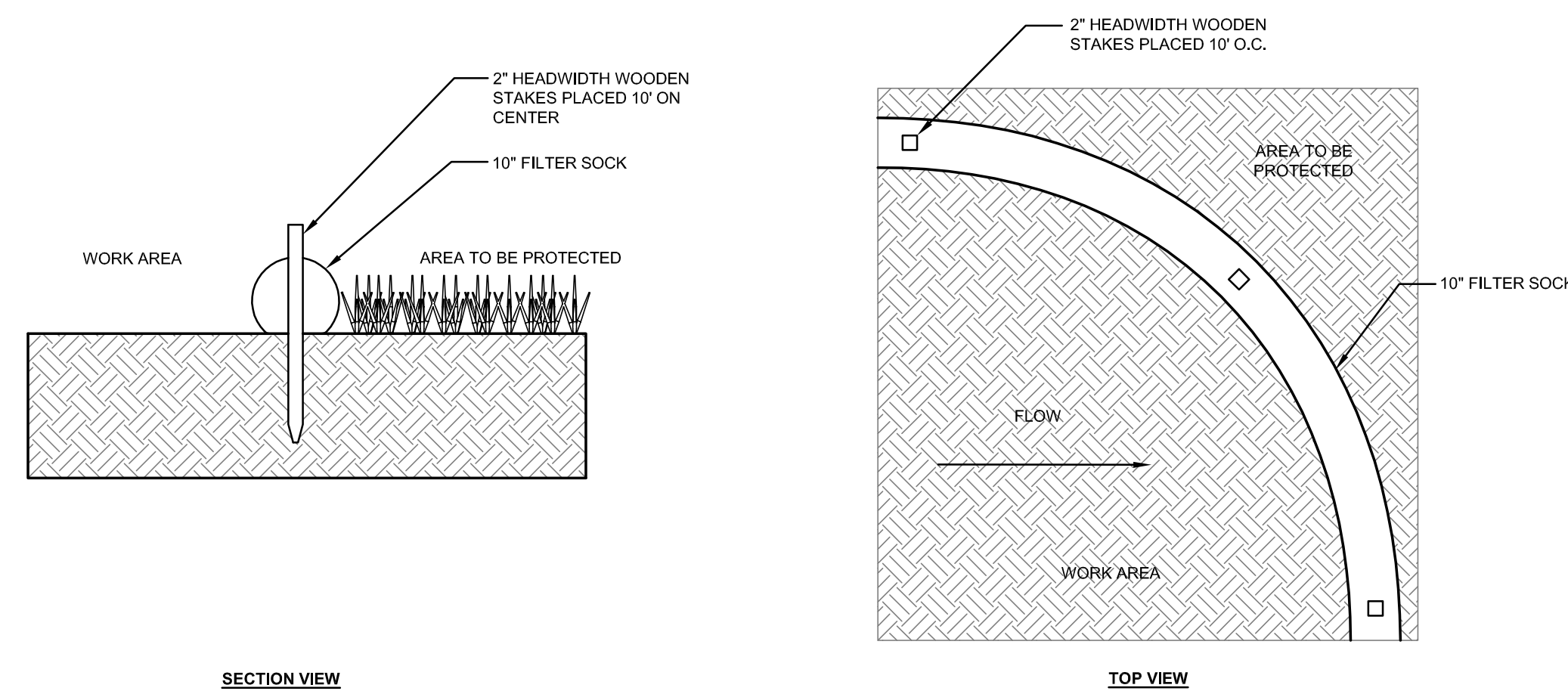
SAND FILTER CONCRETE OUTLET WEIR DETAIL
SCALE: NOT TO SCALE



FOREBAY NOTES:

- PERMEABLE GEOTEXTILE FABRIC SHALL HAVE A PUNCTURE STRENGTH OF 125 LBS, A BURST STRENGTH OF 400 PSI (ASTM D 1117) AND A TENSILE STRENGTH OF 300 LBS (ASTM D 1682). FABRIC SHALL BE MIN 0.08" THICK WITH AN EQUIVALENT OPENING SIZE OF #80 SIEVE AND A MINIMUM FLOW RATE OF 125 GPM PER SQUARE FOOT.

SEDIMENT FOREBAY SECTION
SCALE: NOT TO SCALE



10" FILTER SOCK DETAIL
SCALE: NOT TO SCALE

STORMWATER MAINTENANCE NOTES

- SAND FILTER MAINTENANCE:
 - GRASSES AND/OR SPECIFIED VEGETATION SHALL BE PLANTED AROUND AND WITHIN THE SAND FILTER IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE SLOPES AND PREVENT EROSION.
 - THE FILTER SHOULD BE INSPECTED FOLLOWING AT LEAST THE FIRST TWO PRECIPITATION EVENTS OF AT LEAST 1.0 INCH TO ENSURE THAT THE SYSTEM IS FUNCTIONING PROPERLY. THEREAFTER, THE FILTER SHOULD BE INSPECTED AT LEAST ANNUALLY AND AFTER STORM EVENTS OF GREATER THAN OR EQUAL THE 1-YEAR, 24-HOUR TYPE III PRECIPITATION EVENT (2.7 INCHES). SEDIMENTS COLLECTED WITHIN THE TOP STRATA OF THE FILTER SHALL BE GRASSES AND/OR SPECIFIED VEGETATION SHALL BE PLANTED AROUND AND WITHIN THE SAND FILTER IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE SLOPES AND PREVENT EROSION.
 - THE FOLLOWING SHALL ALSO BE COMPLETED ON AN ANNUAL BASIS:
 - THE SLOPES OF THE FILTER SHOULD BE INSPECTED FOR EROSION AND GULLYING.
 - ANY AREAS WITHIN THE EXTENTS OF THE FILTER THAT ARE SUBJECT TO EROSION OR GULLYING SHOULD BE REPLENISHED WITH THE ORIGINAL DESIGN MATERIAL AND RE-VEGETATED ACCORDING TO DESIGN DRAWINGS. SLOPE PROTECTION MATERIAL SHOULD BE PLACED IN AREAS PRONE TO EROSION. EMBANKMENT STABILITY SHOULD BE INSPECTED FOR SEEPAGE AND BURROWING ANIMALS.
 - MOW THE GRASS AROUND THE PERIMETER OF AND WITHIN THE FILTER. SEED BARE AREAS, AND REMOVE LITTER AND DEBRIS AT LEAST THREE TIMES PER GROWING SEASON TO MAINTAIN MAXIMUM GRASS HEIGHTS LESS THAN TWELVE INCHES. REMOVE ANY INVASIVE VEGETATION WITHIN THE EXTENTS OF THE FILTERS. ANY INVASIVE VEGETATION ENCRORCHING UPON THE PERIMETER OF THE FILTERS SHOULD BE PRUNED OR REMOVED IF IT IS PROHIBITING ACCESS TO THE FILTERS, COMPROMISING SIGHT VISIBILITY, AND/OR COMPROMISING THE ORIGINAL DESIGN INTENT. IF DEAD OR DYING GRASS ON THE BOTTOM IS OBSERVED, CHECK TO ENSURE THAT WATER INFILTRATES WITHIN TWO DAYS FOLLOWING STORMS.
 - SILT/SEDIMENT SHOULD BE REMOVED FROM THE FILTER BED ANNUALLY, WHEN ACCUMULATION EXCEEDS 1 INCH, OR WHEN THE FILTERING CAPACITY DIMINISHES SUBSTANTIALLY. IF STANDING WATER IS OBSERVED MORE THAN 48 HOURS AFTER A STORM EVENT, THEN THE TOP 6 INCHES OF SAND SHOULD BE REMOVED AND REPLACED. IF DISCOLORED OR CONTAMINATED MATERIAL IS FOUND BELOW THIS REMOVED SURFACE THEN THAT MATERIAL SHOULD ALSO BE REMOVED AND REPLACED UNTIL ALL CONTAMINATED SAND HAS BEEN REMOVED FROM THE FILTER MEDIA. THE SAND SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- MAINTENANCE OF THE STORMWATER SYSTEM DURING CONSTRUCTION OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- UPON COMPLETION OF THE CONSTRUCTION, MAINTENANCE OF THE STORMWATER SYSTEM SHALL BECOME THE RESPONSIBILITY OF THE OWNER.

SOIL EROSION AND SEDIMENT CONTROL NOTES

- CONSTRUCTION SEQUENCE:
 - DO NOT BEGIN CONSTRUCTION UNTIL ALL LOCAL, STATE, AND FEDERAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED.
 - ALL CONSTRUCTION VEHICLES SHALL ENTER AND LEAVE THE SITE VIA THE EXISTING PAVED ENTRANCE OR A NEW STABILIZED CONSTRUCTION ENTRANCE CONFORMING TO THE DETAIL PROVIDED.
 - INSTALL FILTER SOCK OR STRAW WATTLE IN AREAS SHOWN ON THE DRAWINGS TO CONTROL EROSION AND PREVENT SEDIMENT CONTAMINATION OF DOWNSTREAM AREAS PRIOR TO ANY EARTH MOVING ACTIVITIES.
 - CLEAR AREA TO BE RE-GRADED, REMOVE AND DISPOSE OF ALL MATERIAL AT A LICENSED OFF-SITE FACILITY.
 - EXCAVATE SAND FILTER AND SEDIMENT FOREBAY AREAS IN ACCORDANCE WITH THE PLANS AND DETAILS AND ESTABLISH A TEMPORARY VEGETATIVE GROWTH THAT MEETS THE APPROVAL OF THE ENGINEER. THESE DEPRESSIONS SHALL BE USED AS TEMPORARY SEDIMENT BASINS DURING GRADING OPERATIONS.
 - ROUGH GRADE SITE PER PLANS. STOCKPILES MATERIALS SHALL BE PROTECTED BY ADDITIONAL EROSION CONTROL BARRIERS AS NECESSARY.
 - CONSTRUCT PROPOSED BUILDING AND CONNECT UTILITIES.
 - INSTALL COMPACTED GRAVEL SURFACES TO FINAL GRADE ELEVATIONS. ENSURE MINIMUM 1% SLOPE ON ALL PROPOSED GRAVEL SURFACES.
 - REMOVE SEDIMENTS FROM SAND FILTER EXCAVATION. EXCAVATE AND TILL AREA OF EXCAVATION TO RESTORE LOST INFILTRATION CAPACITY. INSTALL SAND MEDIA. COMPLETE SAND FILTER CONSTRUCTION PER CROSS SECTIONS PROVIDED.
 - ESTABLISH A PERMANENT VEGETATIVE COVER ON ALL AREAS NOT PAVED.
 - MAINTAIN SITE IN ACCORDANCE WITH THE MAINTENANCE NOTES.
- NOTES:
 - DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
 - AREA OF PROPOSED INFILTRATING SAND FILTER SHALL NOT BE USED FOR STOCKPILES OR STORAGE OF MATERIALS OR EQUIPMENT.
 - ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE STABILIZED WITHIN FOURTEEN DAYS IN ACCORDANCE WITH TEMPORARY MEASURES IN THE VEGETATIVE PRACTICE NOTES.
 - AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOP SOIL TO REMOVE VEGETATION, ROOTS, AND ANY OTHER OBJECTIONABLE MATERIAL.
 - ALL FILL SHALL BE COMPACTED TO 95% MAX. DENSITY TO REDUCE EROSION, SLIPPAGE, SETTLEMENT SUBSIDENCE, OR OTHER RELATED PROBLEMS.
 - ALL FILL SHALL BE PLACED AND COMPACTED TO 95% MAX. DENSITY IN LAYERS NOT TO EXCEED 12" IN THICKNESS FILLS.
 - FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
 - FROZEN, SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIAL SHALL NOT BE INCORPORATED INTO FILLS.
 - FILL SHALL NOT BE PLACED ON A FROZEN FOUNDATION SUBGRADE.
 - ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF FINISH GRADING IN ACCORDANCE WITH THE VEGETATIVE PRACTICE NOTES.
 - REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE USLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED AND VEGETATED AREAS HAVE RECEIVED TWO MOWINGS.
- VEGETATIVE PRACTICE:

PERMANENT MEASURES:

 - SLOPES SHALL NOT BE STEEPER THAN 1 VERTICAL TO 3 HORIZONTAL UNLESS OTHERWISE SPECIFIED.
 - LOAM AND SEED REQUIREMENTS ARE SPECIFIED IN RIDOT L.01 & L.02.
 - A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED. THE LOAM SHALL BE GRADED TO A SMOOTH CONDITION AND STONES AND OTHER OBJECTS LARGER THAN 2 INCHES SHALL BE REMOVED.

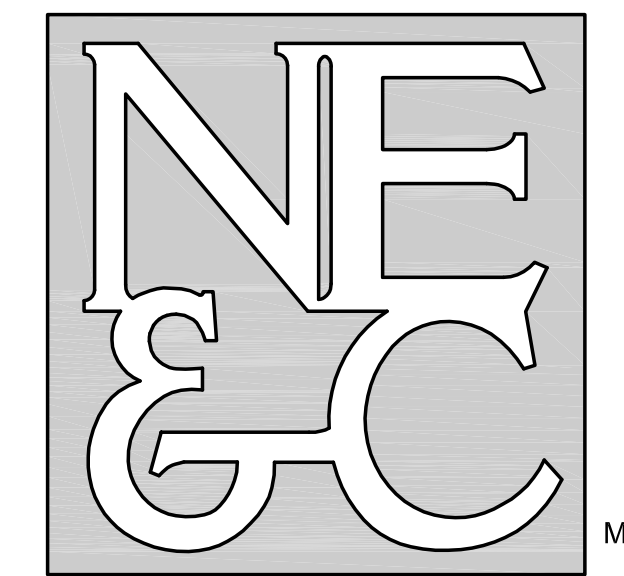
TEMPORARY MEASURES (FOR TEMPORARY PROTECTION OF DISTURBED AREAS)

 - LIMESTONE AND FERTILIZER SHALL BE APPLIED AT THE FOLLOWING RATE:
 - LIMESTONE: 3 TONS/ACRE
 - FERTILIZER: (10-10-10) 600 LBS/ACRE
 - SEED SHALL BE APPLIED AT THE FOLLOWING RATE:
 - WINTER RYE: 100 LBS/ACRE
 - STRAW MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TONS/ACRE.
- MAINTENANCE

DURING THE PERIOD OF CONSTRUCTION AND/OR UNTIL LONG TERM VEGETATION IS ESTABLISHED, THE EROSION CONTROL MEASURES SHALL BE INSPECTED.

 - AT A MINIMUM THE EROSION CONTROL BARRIERS SHALL BE INSPECTED AND REPAIRED ONCE A WEEK AND / OR IMMEDIATELY FOLLOWING A SIGNIFICANT RAINFALL OR SNOWMELT. SEDIMENT TRAPPED BEHIND THE BARRIERS SHALL BE EXCAVATED WHEN IT REACHES A DEPTH OF 6" AND REGRADED ON THE SITE.
 - IF INSTALLED, EROSION CONTROL BLANKETS SHALL BE INSPECTED ON A WEEKLY BASIS.
 - IF INSTALLED, THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED PRIOR TO PAVING. DURING CONSTRUCTION THE ENTRANCE SHALL BE INSPECTED WEEKLY, AND RE-ESTABLISHED AS NECESSARY.
 - SEEDED AREAS WILL BE FERTILIZED AND RESEED AS NECESSARY TO INSURE ESTABLISHMENT OF A VEGETATIVE GROWTH THAT MEETS THE APPROVAL OF THE ENGINEER.

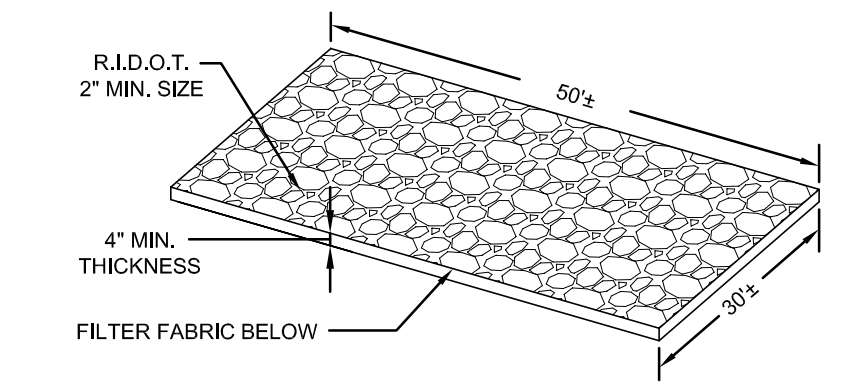
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NOTE: CONSTRUCTION ENTRANCE SHALL BE INSTALLED PER DETAIL PROVIDED IF NO OTHER EXISTING PAVED ENTRANCE IS AVAILABLE AND BEFORE THE PROPOSED PAVEMENT IS INSTALLED.

CONSTRUCTION ENTRANCE
SCALE: NOT TO SCALE

No.	Revision	Date	App.
Designed By:	JJR	Drawn by:	JJR
Checked by:	GES	Date:	19APR22
Project Title:			
SILVER SPRING MARINA			
A.P. 63-3, LOT 60			
362 POND STREET			
WAKEFIELD, RHODE ISLAND			
Client/Owner:			
SHM SILVER SPRING LLC 14785 PRESTON RD STE 975 DALLAS, TX 75254			
Issued for:			
PERMITTING			
Drawing Title:			
PROPOSED DETAILS			
Drawing Number:		C-3	
Sheet 3 of 3		Project Number:	
20244.0		Survey Index:	
38 - 63-3 - 60			
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