

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM

NOTE PER RIDEM:
 Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

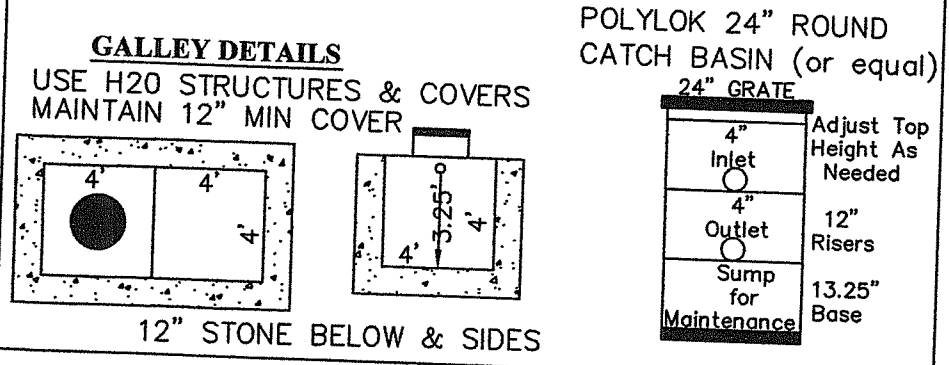
EXIST
 RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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 FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: 8/18/2023 FILE #: 23-0039
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Robert F. Angilly, Jr.

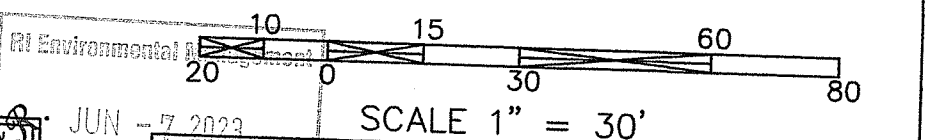
LEGEND

- SOIL EVALUATION
- EXISTING WELL
- PROPOSED WELL
- WATER LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- LOD
- SOIL EROSION CONTROLS
- WETLAND EDGE
- CONTROL PANEL

STORMWATER ROOF/DRIVEWAY DRAINAGE
 24 X 36 = 864 SF X 7.48 Gals = 6462.72/12 = 538.56 Gals
 13 X 62 = 806 SF X 7.48 Gals = 6028.88/12 = 502.41 Gals
 TOTAL GALS REQUIRED = 1040.97
 USING GALLEYS
 2 UNITS W/12" STONE SIDES AND BELOW
 4 X 8 = 32 X 3.25' = 104 CF X 7.48 Gals = 777.92 Gals
 STONE BOTTOM 6 X 10 = 60 CF X 7.48 Gals = 448.8 X 40% = 179.52 Gals
 SIDES 10 + 4 + 10 = 24 X 3.25D = 36 X 7.48 = 259.28 X 40% = 103.71 Gals
 TOTAL 2 GALLEYS = 1051.15 Gals PROVIDED
 MAINTAIN CATCH BASIN OF SILTS/SEDIMENTS AS NEEDED



DWTS DESIGN DATA
 Proposed 2 B/R Dwelling 230 Gals/Day
 Soil Cat #3/Loading Rate 3.5 Gal/SF/Day Cat 1
 Min Req Area = 230/3.5 = 66 SF x 150% = 99 SF
 Area Provided w/GST37 = 8' x 14.4 = 115.2 S/F
 SHWT = >96" Depth Impervious = >10'



Rosebay Rhododendron AP 14
 Shrubs (Rhododendron BT 120
 Maximum) planted 5- to 10
 feet on center in the

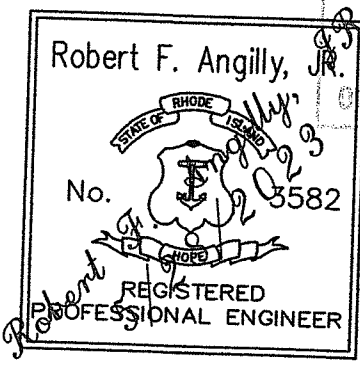
temporary disturbance area,
 as shown per RIDEM,
 Condition No. 16a.
 "LAKE BEL AIR"
 (POND)

TEMPORARY DISTURBED AREA
 FOR WELL, WATER LINE & DWELLING
 EXCAVATION TO BE REPLANTED WITH A
 CONSERVATION GRASS MIX AND A DENSE
 EASTERN RED CEDAR AND/OR RHODODENDRUM
 SHRUBS FOR A 3' MIN WIDTH
 ALONG THE WESTERLY/SOUTH-
 WESTERLY EDGE PERIMETER.

Permanent "LAKE BEL AIR"
 Butter Markers, (POND)
 Per RIDEM, Condition
 No. 17.

SUBJECT LOT
 AP 14/LOT 155
 AREA = .35± Acs

Limit of Disturbance
 + Erosion Controls
 per RIDEM,
 Condition 16b.



Engineering: Robert F. Angilly, JR. DEM #3047

TERRY LANE CO., Land Use Facilitators 15A Terry Lane, Chepachet, RI 02814 401-568-8006 • DWTSRI@GMAIL.COM	
PROPOSED WETLANDS/DWTS DESIGN DONNA KEEGAN	
AP 14 / Lot 155 OVERLEA ROAD	
DRAWN BY T.E.D.	SCALE 1:30
CHK'D	DATE 5/27/23
TRACED	APP'D T.E.D.
SHEET 1 OF 1	