

LEGEND

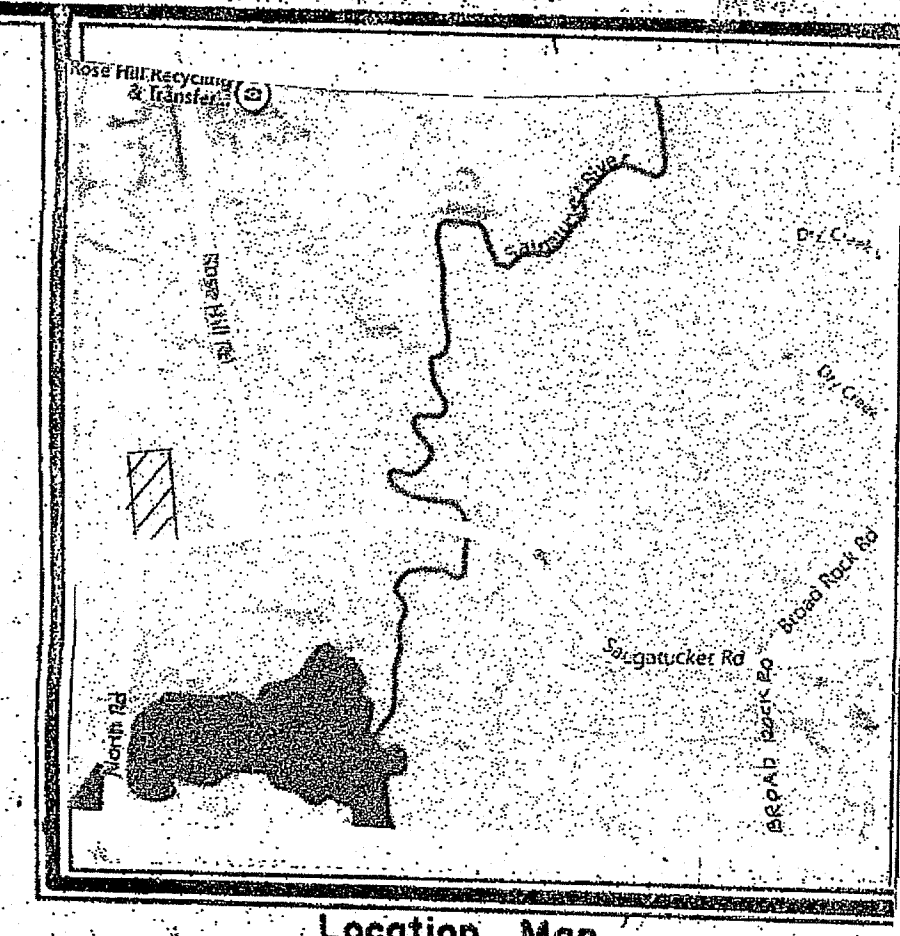
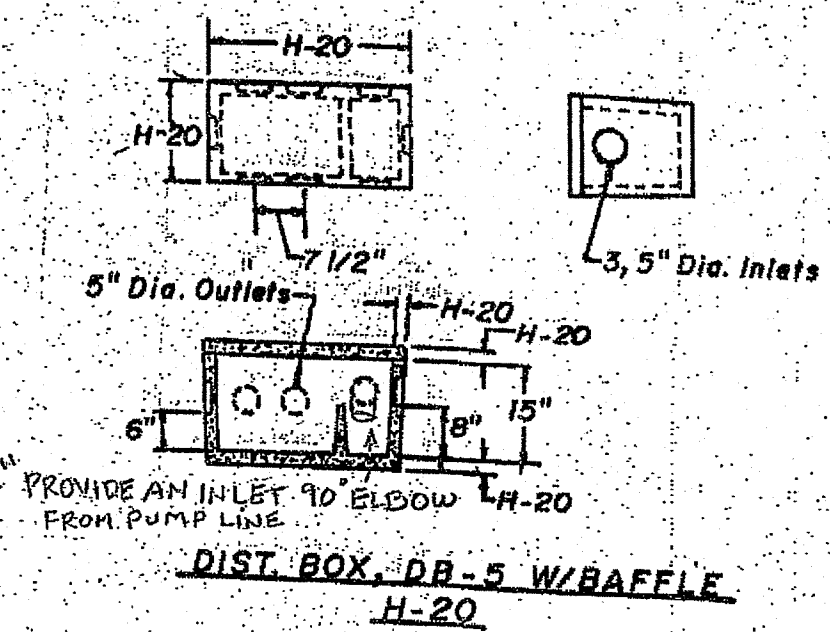
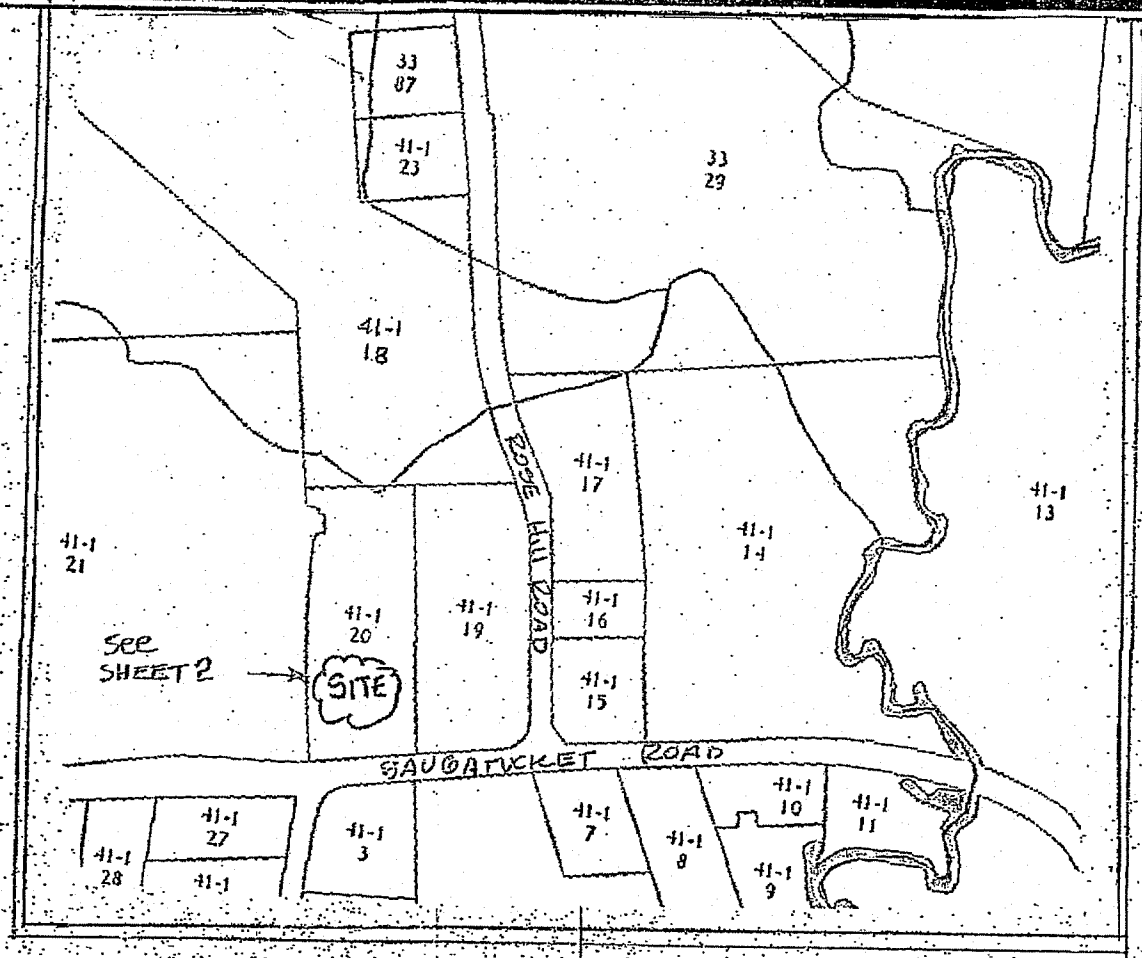
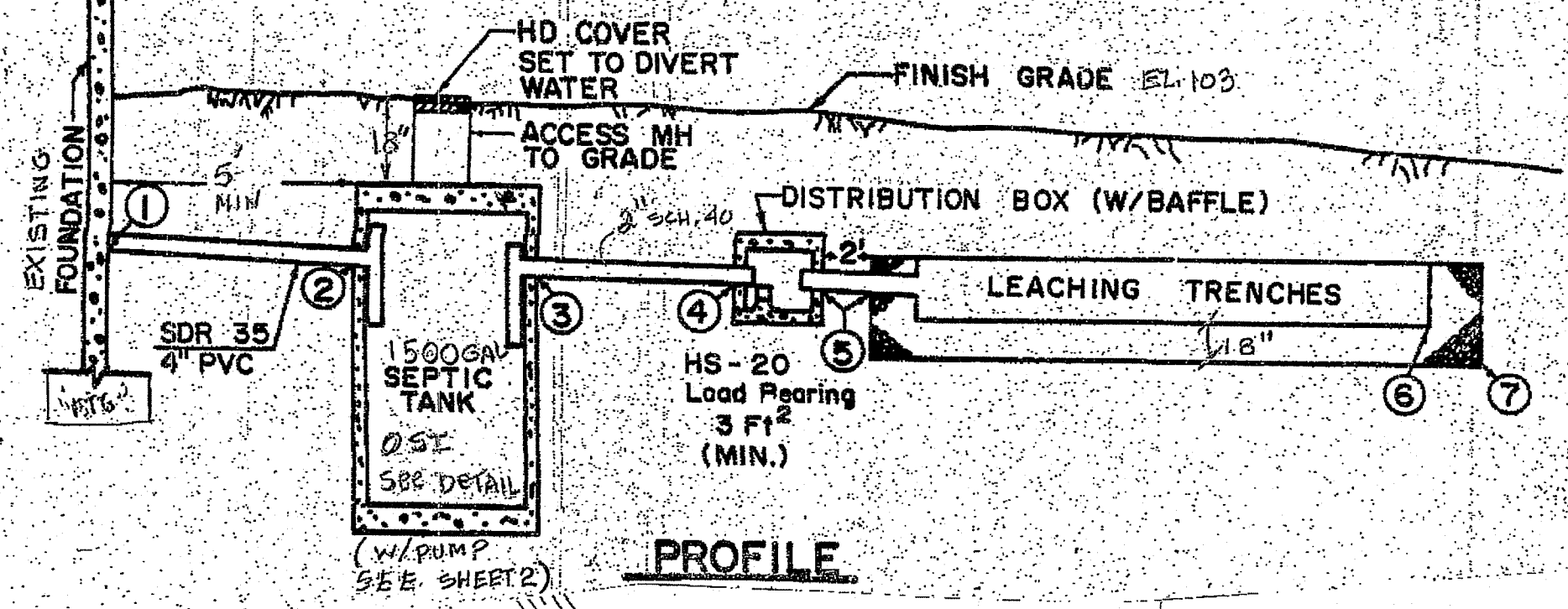
- ⊕ = Water Table Test
- ⊠ = Percolation Tests
- △ = Proposed Well Location
- = Existing Contours
- = Finish Contours
- BM = Bench Mark - Spike in PAVEMENT
Elevation 100.0
- "Do Not Disturb"
- PW = Proposed Water Line
- = SILT FENCE (LIMIT OF DISTURBANCE)
- ⊙ = EXISTING CESSPOOL
- NOTE: OLD TEST HOLES NOT VALID OR UNSUITABLE
- = TYPICAL PLANTINGS - SEE PLANTING SCHEDULE
- = 50 FT. PERIMETER WETLAND
- = 100 FT. RIVERBANK WETLAND

INVERT SCHEDULE

1. Sewer line from foundation	98.67
2. Septic tank inlet	98.47
3. Septic tank outlet FROM PUMP RISER	100.05
4. D-Box inlet	101.24
5. D-Box outlet	101.81
6. End of lines	101.50
7. Bottom of trench elevation (STONE)	100.0

NOTES

1. The leaching area extending to on all sides, must be stripped of trees & brush, topsoil, subsoil, and soil containing fines and to at least in depth, and the excavation scarified and backfilled with clean, coarse gravel free of fines dust or debris. Remove all trees and brush to 10' beyond all sides.
2. Gravel backfill shall be brought up to at least 2" above distribution pipes around trenches, if required.
3. All portions of the leaching system shall be a minimum of 100' from any well existing or proposed.
4. There are shown existing or proposed wells within 200' of the proposed system. There are NO existing or proposed public wells within 500' of the proposed system.
5. The contractor shall pump out the existing cesspool and refill with clean fill. ANY REMOVED/DISPOSED OF PROPERLY
6. No portion of the ground within 10' of the system shall slope to an elevation lower than the system invert.
7. The surface area over the system shall be grassed.
8. No parking or vehicular traffic on the system surface.
9. Subsurface drains or foundation drains are NOT intended; any drains must be at least 25' from the system.
10. Septic tank to be provided with sanitary tees: PER-PLAN
11. Septic tank to have an access manhole to grade with

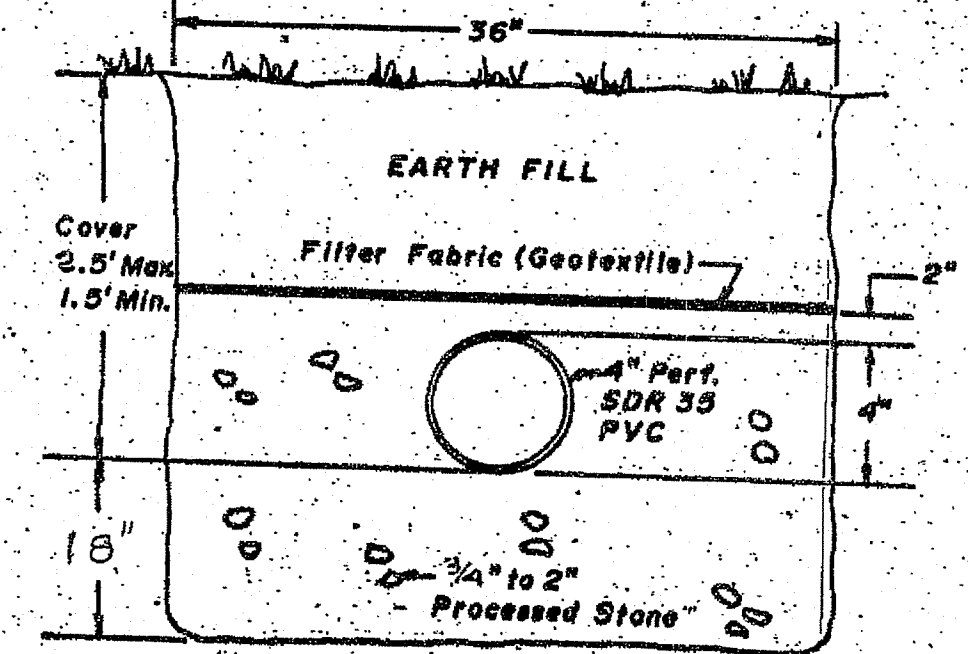


EROSION CONTROL NOTES

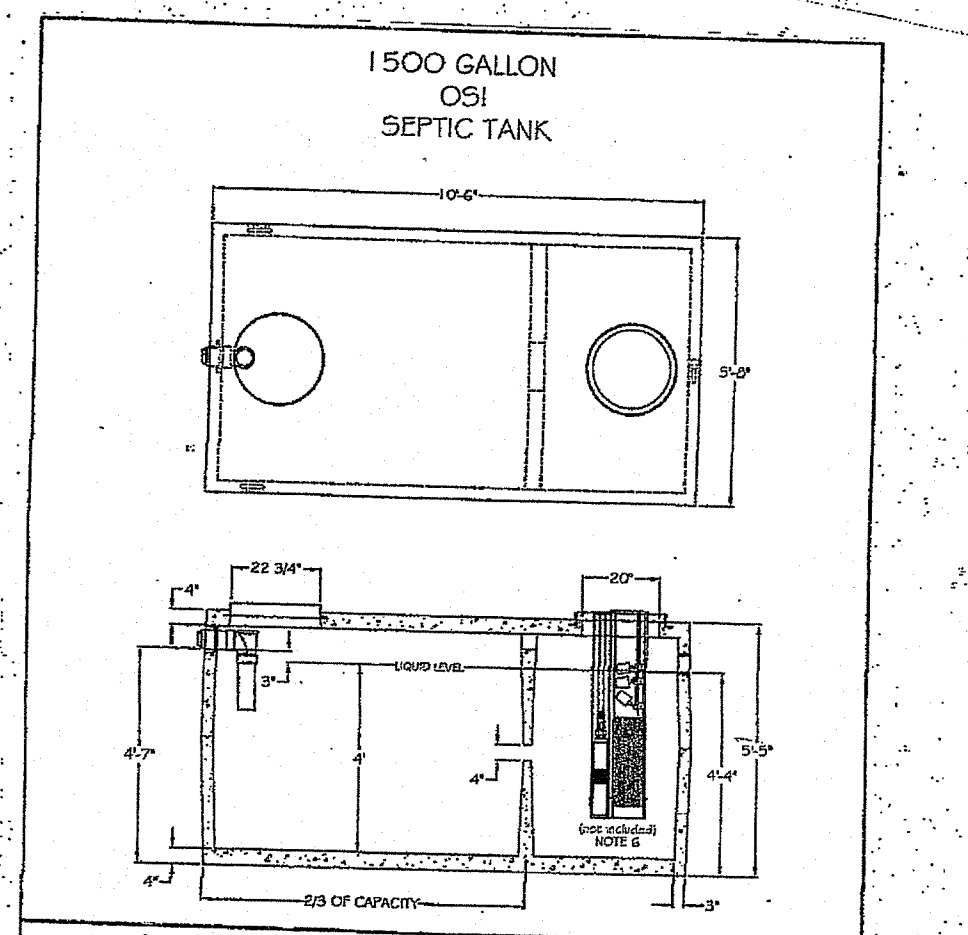
- (1) Prior to any construction, a line of silt fence shall be installed and maintained until the permanent vegetation specified is established and all work in the area has been completed.
- (2) All excavated and stockpiled material shall be enclosed with a silt fence barrier. All unwanted material shall be removed from the site and properly disposed of.
- (3) All disturbed areas shall be loamed and seeded as soon as possible after construction. All slopes shall be stabilized with straw mulch until fully vegetated.
- (4) The following seed mix is to be used in all disturbed areas upon 4" of compacted loam applied during the growing season; April 1 to June 15 and August 15-September 30

GENERAL PURPOSE SEED MIXTURE

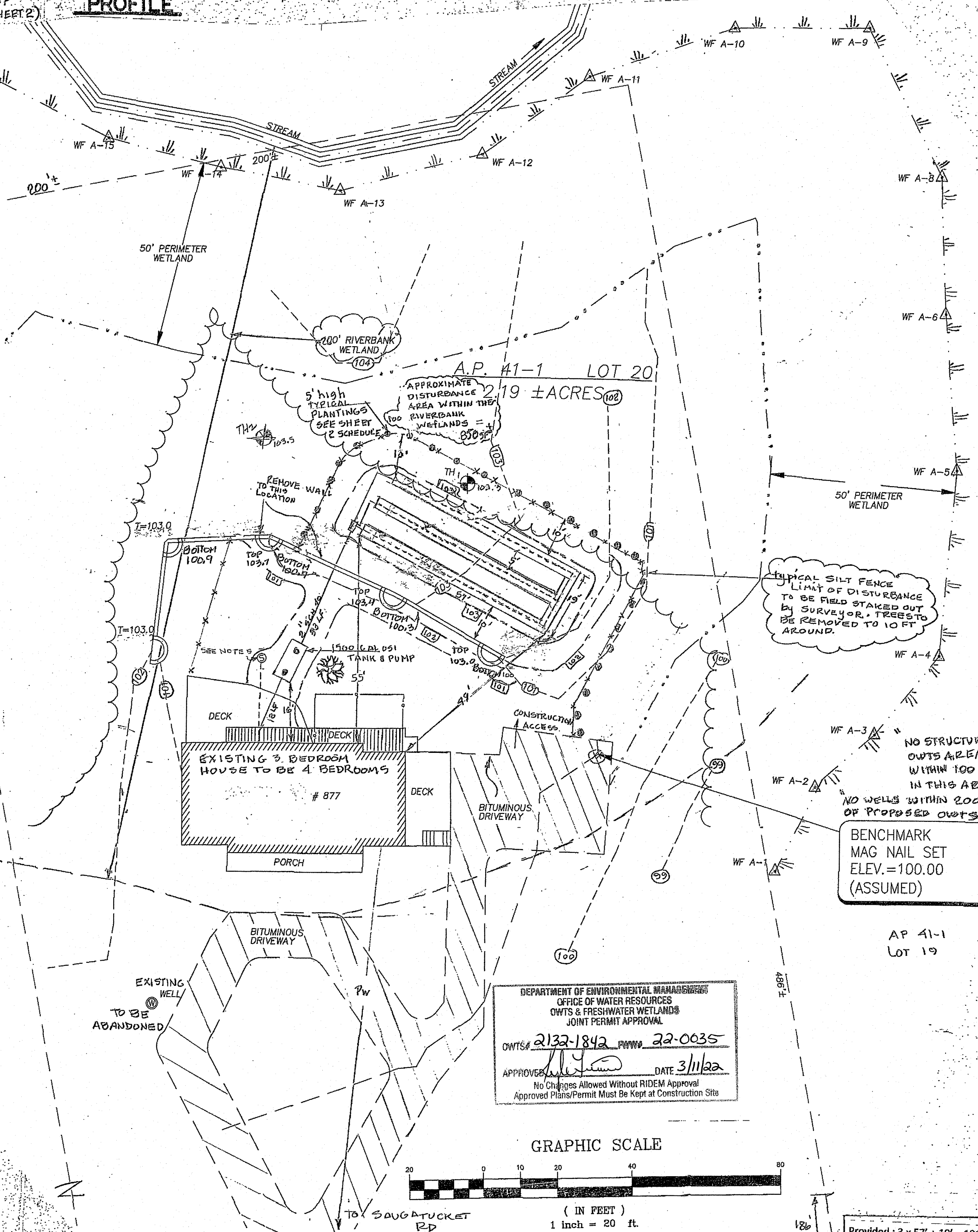
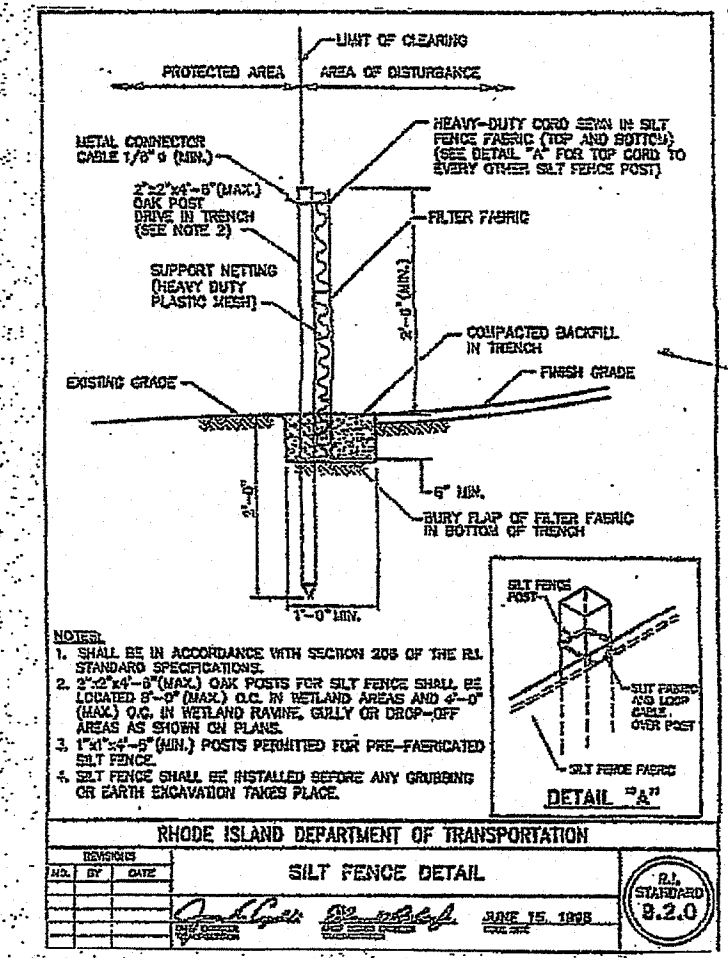
SEED MIX	LBS/ ACRE
Red Fescue	75
Kentucky Bluegrass	15
Colonial Bentgrass	5
Perennial Ryegrass	5



TRENCH DETAIL
Not To Scale

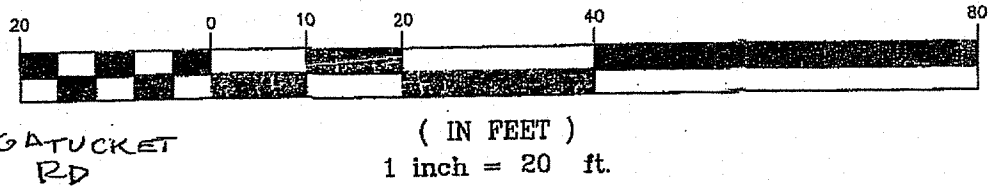


REFERENCES:
 (1) FIELD LOCATION & TOPO BY DAN HARRINGTON PLS
 (2) WETLAND FLAGGING BY MATT DOWLING OF DOWLING ENVIRONMENT SERVICES, ETC



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 CHIEF OF WETLANDS & FRESHWATER WETLANDS
 JOINT PERMIT APPROVAL
 DWTS# 2132-1842 PWW# 22-0035
 APPROVED: [Signature] DATE 3/11/22
 No Changes Allowed Without RIDEM Approval
 Approved Plans/Permit Must Be kept at Construction Site

GRAPHIC SCALE



Scale: 1" = 20'

BENCHMARK
 MAG NAIL SET
 ELEV. = 100.00
 (ASSUMED)

AP 41-1
 LOT 19

DAILY FLOW
 4 BEDROOMS @ 116 GAL = 460 GAL
HYDRAULIC LOADING
 1M SOIL OR .61 GAL/SF
 MINIMUM AREA USING TRENCHES 460/61 = 754.1 SF
 WITH 18" OF STONE (4.25P/FT.)
 TOTAL TRENCH LENGTH REQUIRED: 754.1/4.2 = 179.55 FT
GROUND WATER DESIGN (6.5 FT. GW)
 Highest grade at test hole # 2, el. 103.5
 GWI El = 103.5 - 6.5 = 97.0
 Minimum bottom of stone El = 97 + 3' = 100
 Invert = 1.5' x 4.2 = 101.5

Provided: 3 x 57' x 10' = 181 sf
 Area = 181 x 4.2 = 760.2 sf

PROPOSED SEWAGE DISPOSAL SYSTEM

Owner: ZACHARY NEIL
 (NEW OWNER)
 Site: AP 41-1 Lot 20 28 2022
 877 SAUGATUCKET ROAD
 Town: SOUTH KINGSTOWN
 Office of Water Resources

DATE: 1/14/2022
 REV: 2/23/2022
 SCALE: 1" = 20'

EUGENE F. SPRING
 No. 3166
 Registered Professional Engineer

