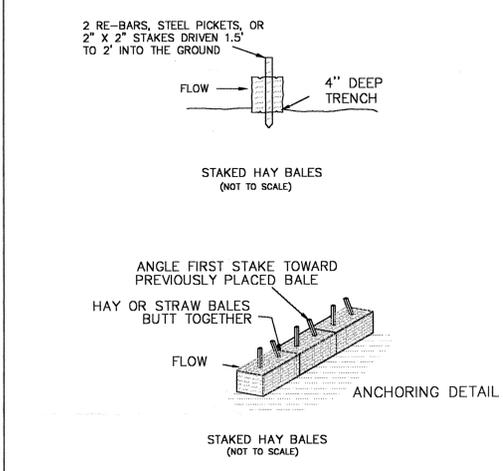


- GENERAL NOTES:**
1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
 2. THIS PLAN IS TO BE USED FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM. THIS PLAN DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE NOTED.
 3. THE PROPOSED SYSTEM SHOWN HEREIN IS NOT DESIGNED FOR THE USE OF A GARBAGE DISPOSAL AND SAID USE IS NOT ALLOWED.
 4. THE SEPTIC TANK SHOULD BE PUMPED OUT EVERY ONE TO TWO YEARS DEPENDING ON USE.
 5. ALL BASE AGGREGATE FOR LEACHING STRUCTURES SHALL CONSIST OF 3/4" TO 1" DOUBLE WASHED STONE FREE OF IRON, FINES, AND DUST IN PLACE.
 6. TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE NOTED.
 7. NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER THE SEPTIC SYSTEM AREA.
 8. BEFORE BEGINNING ANY EXCAVATION TO NOTIFY MEMBER UTILITIES AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.
 9. THE GRADE ABOVE AND ADJACENT TO THE LEACHING FACILITY SHALL BE SLOPED TO PREVENT THE ACCUMULATION OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
 10. THE OVER-DIG AREA AS SHOWN HEREIN IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT, OR OTHER IMPERVIOUS MATERIALS. THE OVER-DIG AREA EXTENDS 5 FEET HORIZONTALLY AROUND THE PROPOSED SYSTEM AND TO THE DEPTH SPECIFIED. THE REPLACEMENT MATERIAL SHALL MEET SPECIFICATIONS OF 510 CMR 15.005 OF THE STATE ENVIRONMENTAL CODE.
 11. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
 12. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOAMED, AND SEEDDED.
 13. THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER TABLE INDICATORS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.



EROSION & SEDIMENTATION CONTROL

1. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2. HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
3. NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
4. NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
5. ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDDED IMMEDIATELY FOLLOWING FINAL GRADING.
6. APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFF SITE FROM CONSTRUCTION EQUIPMENT.
7. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.

DESIGN CALCULATIONS

FLOW: $(4 \text{ bdrm}) \times (110 \text{ gpd/bdrm}) = 440 \text{ gpd}$ 880 PEAK

SEPTIC TANK: NEW 1500 GAL. TANK > 880

LEACHING FIELD: RATE = $(1/33) \text{ sf/gpd}$ FOR PERC = 30mp CLASS II SOIL
MINIMUM SIZE: $(440 \text{ gpd}) \times (1/33) \text{ sf/gpd} = 1334 \text{ sf}$
USE 28' x 48' = 1344 sf > 1334 sf

LEGEND

| | | | |
|------------------|----|--------------------------|------------|
| TEST P.I. | 1B | EXISTING SPOT GRADE | 64.30 |
| DISTRIBUTION BOX | DB | EXISTING CONTOUR | 91 |
| SEPTIC TANK | ST | PROPOSED SPOT GRADE | 65.31 |
| WELL | W | PROPOSED CONTOUR | 50 |
| WATER LINE | WL | LIMIT OF WETLANDS | WF8 105.52 |
| OVER-DIG | OD | LIMIT OF WETLAND SETBACK | |
| PERFORATED PIPE | PP | WELL SETBACKS | |
| HAY BALES | HB | STONE BUFFER BARRIER | |
| UTILITY LINE | UL | | |

REVISIONS

| | | |
|------|-------------|--------------------|
| DATE | DESCRIPTION | Received |
| | | OCT 16 2002 69-507 |
| | | Con. Comm. |

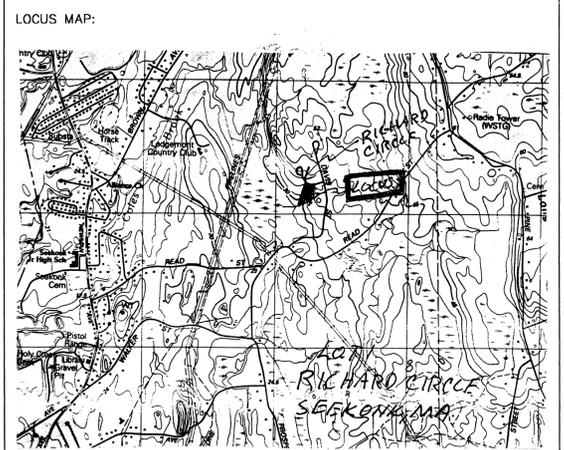
SITE DEVELOPMENT & SEWAGE DISPOSAL SYSTEM PLAN

SUBDIVISION LOT: 1 AREA OF LOT: 75,205sqft+- MAP: 26 LOT: 115

LOT ADDRESS: RICHARD CIRCLE IN SEEKONK, MASS. PREPARED FOR: KEVIN SOARES 60 SWEENEY ROAD SEEKONK, MA 02771

SCALE: AS SHOWN DATE: 10/12/02 DESIGNED BY: DRM JOB NO: 02-157 FILE: LOTRICHARDCIRCLE.dwg

DSD engineering & associates CIVIL ENGINEERS 45 ASTRAL AVENUE RIVERSIDE, RI 02915 (401) 438-6216



CONSTRUCTION NOTE:
DSD engineering & associates TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILT.

NOTE: THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY.