

LOCATION MAP
NOT TO SCALE

LEGEND:

- 50 — EXISTING CONTOURS
- 50 — PROPOSED CONTOURS
- 50.9 x PROPOSED SPOT GRADE
- WLF-1 WETLAND EDGE
- — — — — PROPERTY LINE
- — — — — STREAM
- — — — — LOT LINE
- — — — — FLOOD ZONE
- — — — — EXISTING CURB
- — — — — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- — — — — PROPOSED STONE WALL (REFER TO SHEET 2 FOR DETAIL)
- ⊙ GROUND WATER TEST
- ⊠ PERCOLATION TEST

Revised 4/26/99

PLAN

SCALE: 1" = 20'

ZONING = R-1

DIMENSIONAL REQUIREMENTS:

WIDTH	120'
FRONT	35'
REAR	25'

GENERAL NOTES:

- ALL DISTURBED AREAS ARE TO RECEIVE 4" LOAM AND SEED.
- ALL STUMPS AND ROOTS ARE TO BE REMOVED AND DISPOSED OF OFF THE SITE IN ACCORDANCE WITH STATE, FEDERAL AND LOCAL REGULATIONS.
- THE UTILITY LOCATIONS ARE APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE & UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS. IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY TOWN, STATE OR FEDERAL AGENCY THAT MAY BE APPLICABLE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
- ALL REQUIRED AUTHORIZATION TO PERFORM WORK MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSIONS OF ANY SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- THE SITE LAYOUT PLAN REPRESENTS THE GENERAL SITE LAYOUT AND CONSTRUCTION REQUIREMENTS AND DOES NOT REPRESENT ALL DETAILS AND SPECIFICATIONS NECESSARY FOR CONSTRUCTION.
- ANY UNSUITABLE MATERIAL OR MATERIAL CLASSIFIED AS SOLID WASTE SHALL BE REMOVED AND DISPOSED ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.
- THE SHOWN SEPTIC SYSTEM IS SUBJECT TO THE SEEKONK BOARD OF HEALTH REVIEW. ALL COMPONENTS WILL BE IN CONFORMANCE WITH 310 CMR 15.00 THE STATE ENVIRONMENTAL CODE, TITLE 5.

EROSION CONTROL AND SOIL STABILIZATION PROGRAM

- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING WETLANDS, THE ROADWAY DRAINAGE SYSTEM AND ADJACENT PROPERTY.
- STAKED HAY BALES OR SILT FENCES SHALL BE INSTALLED WHERE SHOWN AND AS REQUIRED TO PREVENT SEDIMENTATION.
- DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES, EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEEDED OR PROTECTED BY THAT DATE.
- TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER.
- HAY OR STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS/ACRE.
- ALL SILT FENCING, HAY BALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED.
- NO SLOPES ARE TO EXCEED 3:1, UNLESS OTHERWISE SHOWN ON PLAN.
- STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED HAY BALES.
- STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW OR FIBER MATTING.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS NEEDED.
- ADDITIONAL HAY BALES OR SILT FENCE SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER, OWNER, TOWN REPRESENTATIVES OR D.E.P.

FLOOD ZONE NOTE:

- THE WESTERLY PORTION OF THE SITE ADJACENT TO THE PERENNIAL STREAM IS WITHIN FLOOD ZONE A, AREAS OF THE 100 YEAR FLOOD ZONE, ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY - FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 250063 0010 A THE 100 YEAR FLOOD ELEVATION IS 47.0 WITHIN THE SITE.

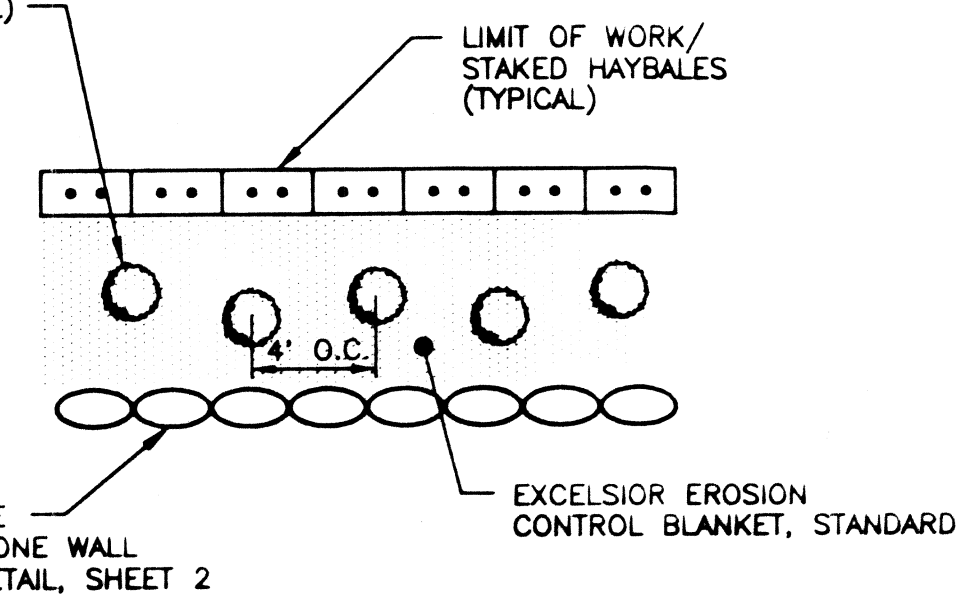
SOIL NOTE:

- THE BRISTOL COUNTY, MASSACHUSETTS SOIL SURVEY IDENTIFIES THE ORIGINAL SOIL IN THE AREA OF THE SITE AS SCARBORO MUCKY LOAMY FINE SAND. THE AREA EAST OF THE WETLAND EDGE IS COMPRISED OF EARTH FILL AND DEBRIS WHICH WAS PLACED PRIOR TO 1970.

NOTES & REFERENCES:

- THE WETLANDS FLAGS SHOWN HEREON WERE PLACED IN THE FIELD BY ECOTONES INC. AND LOCATED BY FIELD SURVEY BY CROSSMAN ENG., INC. JULY, 1995.
- THE TOPOGRAPHY AND EXISTING CONDITIONS WERE OBTAINED FROM A FIELD SURVEY PERFORMED BY CROSSMAN ENGINEERING, INC. IN JULY 1995.

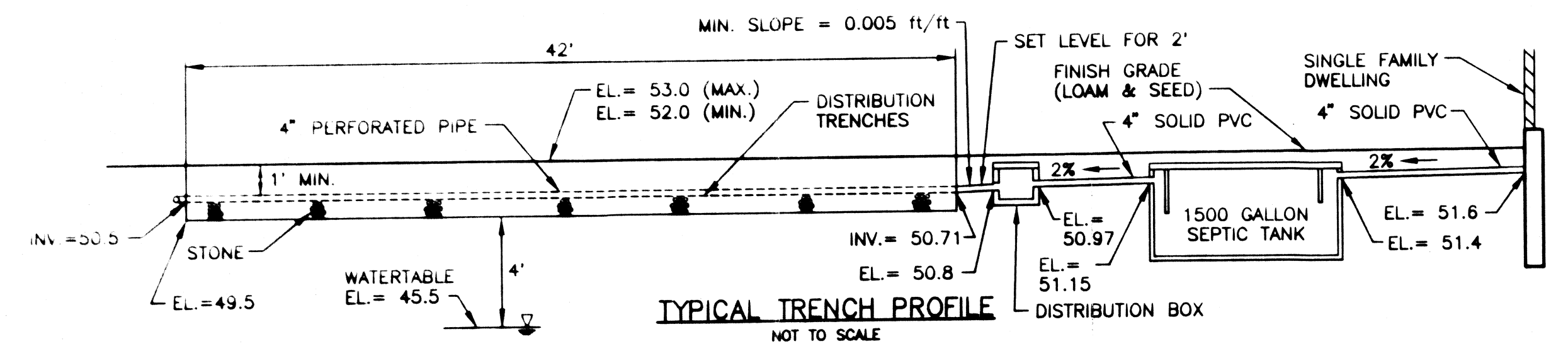
FOR PLANTINGS, PROVIDE AN EVEN DISTRIBUTION OF Highbush BLUEBERRY, Highbush CRANBERRY AND ARROW-WOOD. (MINIMUM 3' TALL)



PLANTING SPACING DETAIL
NOT TO SCALE

ENVIRONMENTAL PROTECTION NOTES:

- THE FOLLOWING NOTES HAVE BEEN INCORPORATED INTO THE PROJECT DESIGN TO ADDRESS RECOMMENDATIONS OF THE SEEKONK CONSERVATION COMMISSION:
- A MIN. 3' HIGH STONE WALL IS TO BE CONSTRUCTED ALONG THE REAR AND SIDES OF THE PARCEL, AS SHOWN ON THE PLANS, TO DELINEATE THE EDGE OF YARD.
 - THE AREA BETWEEN THE WALL AND DISTURBANCE LIMIT IS TO BE COVERED WITH AN EXCELSIOR EROSION CONTROL BLANKET.
 - BUFFER ENHANCEMENT PLANTINGS ARE TO BE PLACED BEHIND THE WALL AND MUST INCLUDE A SPECIES DISTRIBUTIONS OF Highbush BLUEBERRY, Highbush CRANBERRY AND ARROW-WOOD. (3' TALL, 4' ON-CENTER)
 - A HEDGEROW OF NORTHERN WHITE CEDAR IS TO BE PLANTED 15' SOUTH OF AND PARALLEL TO THE PROPOSED DRIVEWAY, AS SHOWN ON THE PLANS. (4' TALL, 4' ON-CENTER)
 - FILL UTILIZED ON SITE SHALL BE VIRGIN MATERIAL.
 - PRIOR TO CONSTRUCTION A \$15,000 PERFORMANCE BOND MUST BE FILED WITH THE CONSERVATION COMMISSION.



TYPICAL TRENCH PROFILE
NOT TO SCALE

SEPTIC SYSTEM DESIGN

TEMPORARY PERMIT
MASSACHUSETTS 1995-181LS
EXISTING CONDITIONS
AND TOPOGRAPHY

NO.	DATE	BY	REVISION
1	3/96		SEPTIC SYSTEM DETAILS
2	4/96		ENVIRONMENTAL PROTECTION NOTES & DETAILS
3	4/96		SEPTIC SYSTEM DATA

CROSSMAN ENGINEERING, INC.
Engineers & Surveyors
151 Centerville Road
Warwick, Rhode Island

SITE LAYOUT PLAN
A.P. 19, LOTS 173, 174, 232 AND 233
ARCADE AVENUE
SEEKONK, MASSACHUSETTS

OWNER:
MARY AND MANUEL PESTANA
69 JEAN STREET, SEEKONK, MASSACHUSETTS 02771

FILE NO.: 448-BDS | DATE: JANUARY, 1996 | SCALE: 1" = 20' | SHEET 1 OF 2

69-346
AGENCY REVIEW SUBMISSION
NOT ISSUED FOR CONSTRUCTION