GENERAL CONSERVATION NOTES:

1. ALL EROSION/SEDIMENTATION CONTROLS TO BE IN PLACE PRIOR TO CONSTRUCTION AND MAINTAINED THROUGHOUT THE PROJECT DURATION.

2. EROSION CONTROLS WILL BE MAINTAINED ON ALL INDIVIDUAL LOTS UNTIL SALE.

3. ALL DISTURBED AREAS ARE TO BE COVERED WITH TOPSOIL, REGRADED AND SEEDED.

4. EROSION/SEDIMENTATION CONTROLS SHALL BE ESTABLISHED ON ANY LOTS REQUIRED BY THE SEEKONK PLANNING BOARD OR CONSERVATION COMMISSION.

5. THERE SHALL BE NO WORK DONE WITHIN WETLANDS OR 100 FOOT BUFFER ZONE PRIOR TO THE APPROVAL FROM THE SEEKONK CONSERVATION COMMISSION.

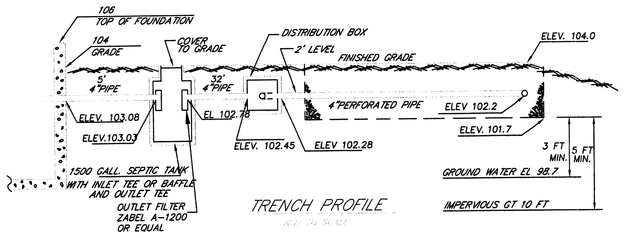
6. WETLAND FLAGGING WAS DONE IN ACCORDANCE WITH THE MASSACHUSETTS WETLAND PROTECTION ACT (M.G.L. C.131 S.40) AND REGULATIONS (310 CMR 10.00) AND THE FEDERAL CLEAN WATER ACT (SECTION 404).

7. INSPECTION REPORT SHALL BE FILED WITH THE SEEKONK CONSERVATION COMMISSION. FORMS ARE AVAILABLE AT THE CONSERVATION COMMISSIONS OFFICE.

8. WHILE CONSTRUCTION IS BEING PERFORMED, DUST WILL BE KEPT TO A MINIMUM BY WATERING DISTURBED AREAS AS CONDITIONS REQUIRE.

9. THE EROSION CONTROL OFFICER FOR THE PROJECT SHALL BE SHALL SUBMIT TO THE PLANNING BOARD AND CONSERVATION COMMISSION, A NAME OF A PROFESSIONAL PERSON WHO SHALL BE RESPONSIBLE FOR EROSION CONTROL. THIS PERSON SHALL BE APPROVED BY BOTH BOARDS. THIS PROVISION SHALL APPLY TO ALL SUCCESSORS AND ASSIGNS OF THIS PROPERTY, BIODEGRADEABLE, SYNTHETIC, OR NATURAL.

10. HAYBALES SHALL BE PLACE AROUND ALL CATCH BASINS AND MANHOLES.



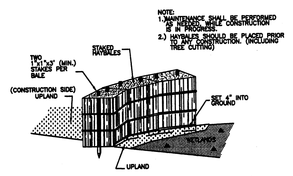
TRENCH PROFILE

LEGEND

- EXISTING SEWER MANHOLE
- EXISTING WATER GATE
- EXISTING HYDRANT
- EXISTING UTILITY POLE
- EXISTING DRAINAGE MANHOLE
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED DRAINAGE LINE
- CB1L — PROPOSED CATCH BASIN
- DMH 1 — PROPOSED DRAINAGE MANHOLE
- SMH 1 — PROPOSED SEWER MANHOLE
- 280 — EXISTING CONTOURS
- 280 — PROPOSED CONTOURS
- × WH #1 — WETLAND FLAGS
- LIMITS OF WETLANDS
- PROPOSED RIP-RAP
- PROPOSED CONCRETE MONUMENTS
- PROPOSED HAYBALES
- LIMITS OF 100 FOOT BUFFER
- PROPOSED UTILITY EASEMENT LINE
- PROPOSED BUILDING SETBACK LIMITS

SEQUENCE OF CONSTRUCTION:

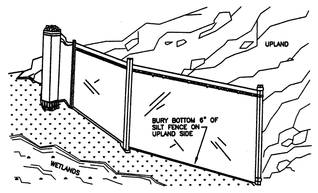
ALL DRAINAGE STRUCTURES INCLUDING DETENTION PONDS, CROSS CULVERTS, STORM WATER MANHOLES, CATCH BASINS, AND ALL OTHER UNDERGROUND UTILITIES SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY LOT DEVELOPMENT. IMMEDIATELY FOLLOWING STRUCTURE INSTALLATION, HAY BALES SHALL BE PLACED AROUND RIMS AND ALL DISTURBED AREAS SHALL BE HYDROSEEDED, MULCHED OR COVERED WITH ENVIRONMENTAL MATTING AND CHECKED REGULARLY TO PREVENT EROSION FROM TAKING PLACE.



TYPICAL HAYBALE DETAIL
NOT TO SCALE

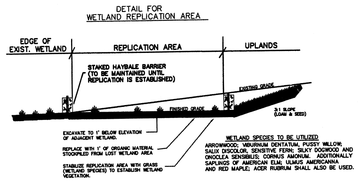
WETLANDS FILL-IN AREA
REPLICATION AREA

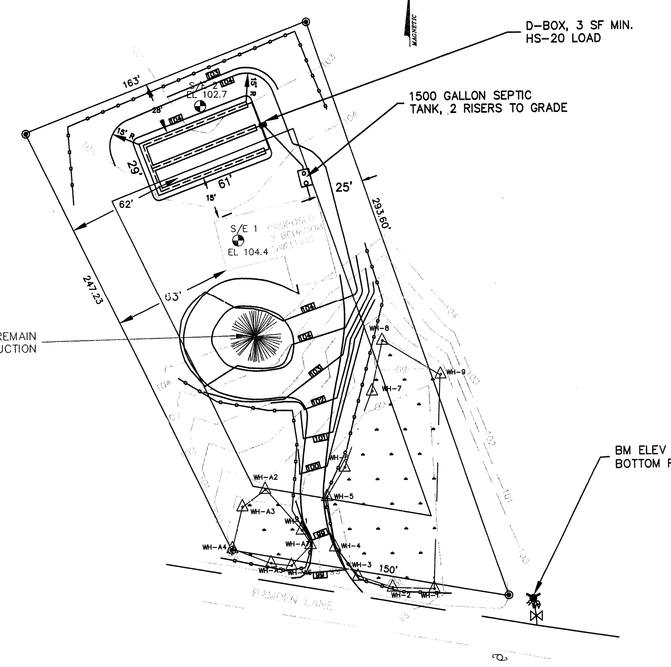
TOTAL WETLAND FILL-IN AREA FROM ROAD CROSSING: 8,500 SQ. FT. &
TOTAL REPLICATION AREA: 9,210 SQ. FT.&



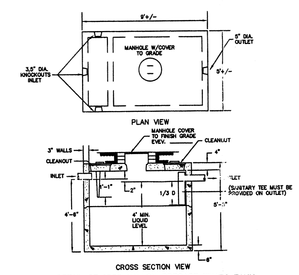
TYPICAL SILTATION BARRIER DETAIL
NOT TO SCALE

DETAIL FOR WETLAND REPLICATION AREA

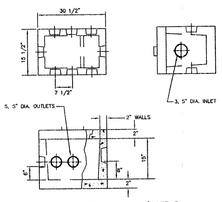




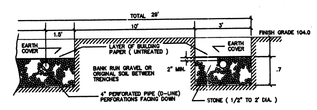
ZONE REQUIREMENTS
ZONE R-2
MIN FRONTAGE 120'
SETBACKS:
FRONT: 35'
SIDE: 25'
REAR: 50'



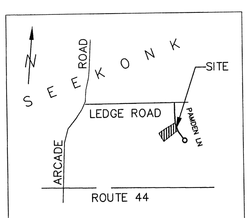
DETAIL OF 1500 GALLON PRECAST SEPTIC TANK
N.T.S.



DETAIL OF D-BOX W/BAFFLE
N.T.S.



TYPICAL CROSS SECTION OF DISPOSAL SYSTEMS



LOCUS PLAN N.T.S.

GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

WILLIAM P. DREXEL CIVIL No. 40601 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

7-28-03

PROPOSED LEACHING DESIGN SYSTEM FOR EDWARD KAZARIAN

3 PAMDEN LANE

SEEKONK, MA

SCALE : 1 INCH EQUALS 40 FEET

LEACHING SYSTEM DESIGN BY:

NORTHWEST

ENGINEERING SERVICES, LLC
184 INDIAN TRAIL
CHEPACHET, R.I. 02814
(401) 568-1939

GENERAL NOTES

1. 10 FEET ON ALL SIDES AND LEACHING AREA AS WELL, MUST BE STRIPPED OF TOPSOIL, SUBSOIL, UNDESIRABLE MATERIAL, AND SOIL CONTAINING FINES TO A SPECIFIED DEPTH AND BOTTOM OF EXCAVATION SCARIFIED AND BACK-FILLED WITH CLEAN COARSE GRAVEL. REMOVAL OF TREES AND BRUSH SHOULD EXTEND TO 10 FEET BEYOND ALL SIDES OF LEACHING AREA.

2. SEWER LINE TO BE 4" CAST IRON BETWEEN BUILDING AND SEPTIC TANK LINE. BETWEEN TANK AND D-BOX TO BE 4" POLYVINYL CHLORIDE OR EQUIVALENT OR CAST IRON.

3. NO PUBLIC SEWER LINE WITHIN 200 FEET OF PROPERTY LINES (UNLESS SHOWN). NO WELL OR DRAIN (EXISTING OR PROPOSED) IS WITHIN 200 FEET OF PROPOSED OR ALTERNATE AREA (UNLESS SHOWN). NO DRINKING WATER LINE IS WITHIN 25 FEET OF PROPOSED LEACHING SYSTEM. NO EXISTING SEWER DISPOSAL SYSTEM IS WITHIN 100 FEET OF PROPOSED WELL (UNLESS SHOWN).

4. DISTRIBUTION PIPES FROM D-BOX TO THE LEACHING AREA SHALL HAVE CLOSED JOINTS AND TO BE SDR-35 OR EQUAL.

5. NO EDGE OF ANY BANK WITHIN 25 FEET SLOPING TO AN ELEVATION LOWER THAN 102.2 THE INVERT OF THE DISTRIBUTION LINES.

6. D-BOX SHOULD BE A MINIMUM SIZE OF 3 SQ. FT AND TO BE H-20 LOADING WITH MARKER SET TO GRADE.

7. NO SUBSURFACE, FOUNDATION OR STORM DRAINS SHALL BE WITHIN 25 FEET OF DISPOSAL SYSTEM UNLESS SHOWN.

8. SANITARY TEES TO BE INSTALLED IN SEPTIC TANK. SEPTIC TANK SHALL HAVE FRAME AND COVER SET TO FINISH GRADE.

9. THE SURFACE AREA OVER THE SUBSURFACE DISPOSAL SYSTEM SHALL BE GRASSED; NO VEHICULAR PARKING OR TRAFFIC SHALL BE ALLOWED OVER THE SEEPAGE SYSTEM AND IF PAVEMENT IS TO BE NEAR THE PROPOSED LEACHING SYSTEM, A PROTECTIVE BERM IS TO BE PLACED AROUND THE SYSTEM, IN THE AREA OF THE PAVEMENT.

10. NO PUBLIC WELL (EXISTING OR PROPOSED) IS WITHIN 500 FEET OF PROPOSED OR ALTERNATE AREA (UNLESS SHOWN.

Received
JUL 29 2003
Con. Comm.

LOT AREA 38,591 SF
ASSESSORS PLAT NO. 18 LOT NO. 123
SUBDIVISION NAME NA
SUBDIVISION LOT NO. NA
BENCH MARK LOCATION AND ELEVATION: BOTTOM FLANGE HYD
ELEVATION SET = 100.00

TEST HOLE INFORMATION

TP 2
0-3" Ap SL 10YR/3/2
3" 12" Bw LS CS MS, 10YR/5/6
12"-6' Cd, CS 10YR/6/2
WATER ENTERED AT 72", REDOX @ 6'
7.5YR/5/8
WATER TABLE AT 48"

SOIL, .74 GALS/SF/DAY

DAILY FLOW = 450 GALS/DAY
REQUIRED AREA = 450/.74=608 SF

TEST HOLE DUG ON: 3-26-03

DESIGN DATA

PERC. RATE: 10 MIN./INCH
DESIGN RATE: 10 MIN./INCH
LEACHING AREA SIZE: 608 S.F.
3 LINES; 3 WIDE; 45' LONG

TOP OF SYSTEM	104.0
BOTTOM OF SYSTEM	101.70
INV. END OF PIPE	102.20
INV. START OF PIPE	102.28
INV. OUT OF D-BOX	102.28
INV. IN D-BOX	102.45
INV. OUT SEPTIC TANK	102.78
INV. IN SEPTIC TANK	103.03
INV. OUT OF BUILDING	103.08
TOP OF FOUNDATION	106.0
LEDGE ELEVATION	NA
WATER TABLE ELEVATION	98.70