

SEWAGE DISPOSAL AREA EASEMENT TO BENEFIT LOT 1

OTHER LANDS OF RODNEY G. STEARNS & DONNA M. STEARNS
 REMAINDER OF VOLUME 70, PAGE 440
 54.14 ACRES (MORE OR LESS)
 (LOT 9: NO WASTEWATER SYSTEM)



MAGNETIC NORTH
 OBSERVED 2000

GRAPHIC SCALE

(IN FEET)
 1 inch = 60 ft.

NOTE: LOTS 2-8, 10, 11 SHALL INSTALL WATER SAVING DEVICES ON ALL PLUMBING FIXTURES

COMMON FORCE MAIN TRENCH
 SEE DUG. 2 FOR DETAIL

SYMBOL LEGEND	
	IRON ROD OR IRON PIPE FOUND (RPI) OR (RPF)
	CONCRETE BOUND
	STONE WALL
	BENCHMARK HUB
	TEST PIT
	DRILLED WELL
	EDGE OF WOODS
	BARBED WIRE FENCE
	DRAINAGE DITCH
	WATER MONITOR
	SMALL POND

SEWAGE DISPOSAL AREA EASEMENT
 DISPOSAL FIELDS APPROVED BY EC-4-1972

SEWAGE DISPOSAL AREA EASEMENT FOR C. BOFFA AND OTHERS
 DISPOSAL FIELDS APPROVED BY EC-4-1796

TBM - TAIL IN BASE OF 9" TREE
 ELEV. = 270 (ASSUMED PROJECT DATUM)

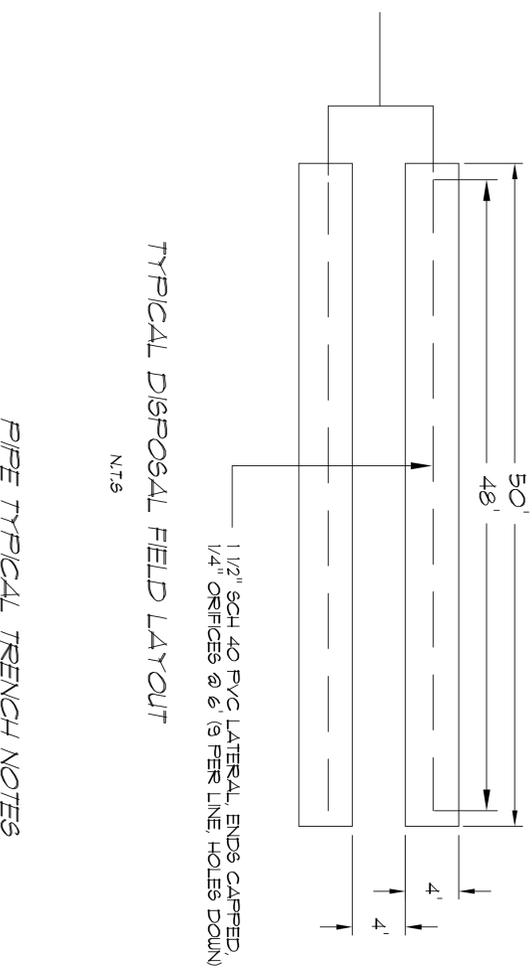
JH STUART ASSOCIATES
 22 TANGLEWOOD DRIVE P.O. BOX 8367
 ESSEX, VERMONT 05451 802-878-5171

RODNEY and DONNA STEARNS
 PROPOSED WASTEWATER PLANS
 CHARLOTTE, VERMONT DUG. 1 OF 2 AUGUST 2004

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Effluent Pumping System with Drain-Back System

Materials and information for this system are available from Wastewater Technologies, Inc. (802) 865-3719

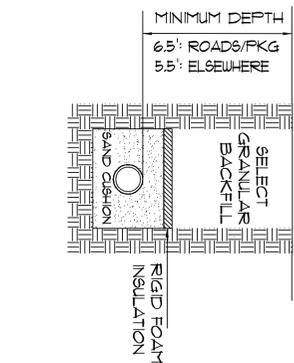
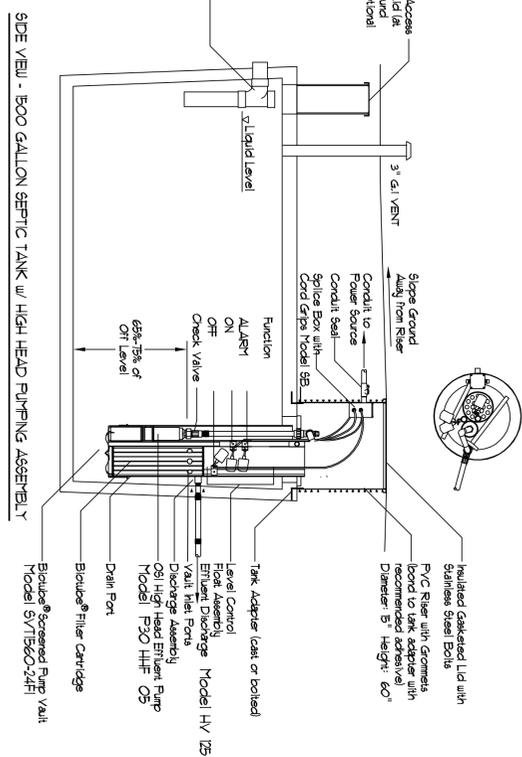
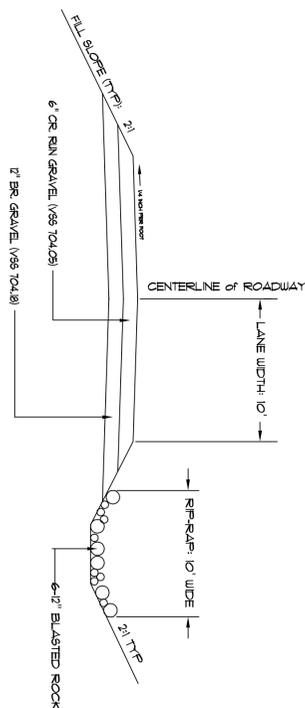


TYPICAL DISPOSAL FIELD LAYOUT

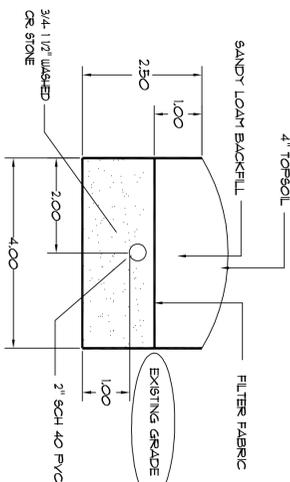
N.T.S.

TYPICAL ROADWAY SECTION

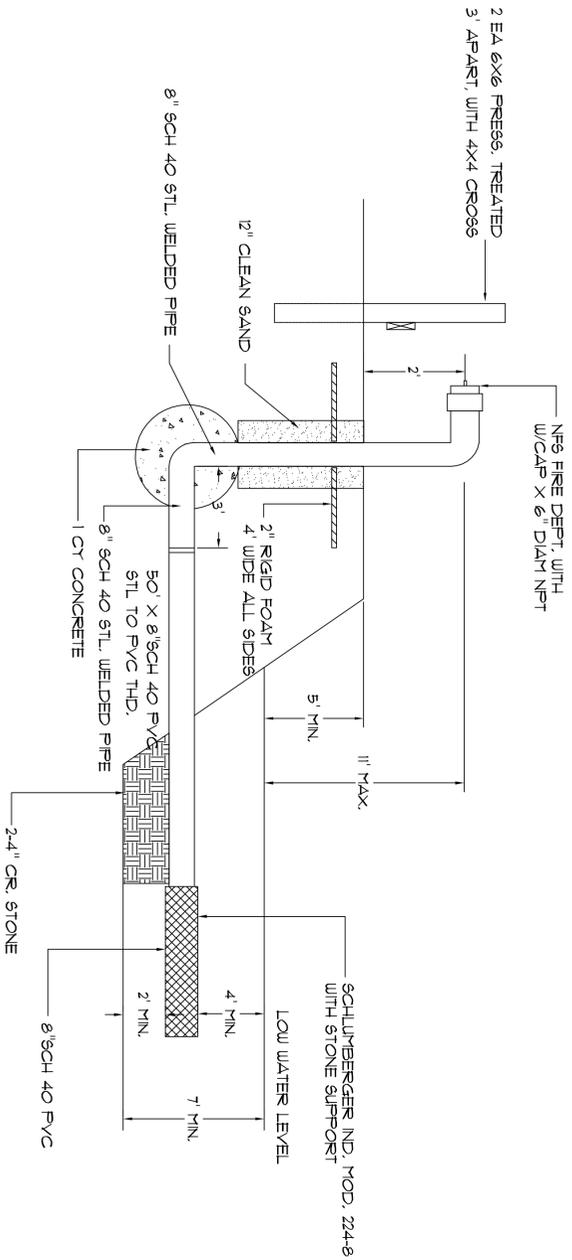
not to scale



- PIPE TRENCH NOTES**
1. PIPE SHALL BE FREE OF DEFECTS AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S AND ENGINEER'S SPECIFICATIONS.
 2. THE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE GRADE AND DEPTH SHOWN ON THESE DRAWINGS. NO VARIATION WILL BE PERMITTED WITHOUT THE AUTHORIZATION OF THE PROJECT ENGINEER.
 3. AFTER EXCAVATING THE TRENCH TO THE REQUIRED DEPTH, THE PIPE WILL BE BEDDED AS SHOWN IN THE DETAIL. BELOW BEDDING MATERIAL WILL BE PLACED AROUND THE ENTIRE LENGTH OF THE PIPE BARREL TO PROVIDE UNIFORM SUPPORT.
 4. AFTER PLACEMENT OF THE PIPE AND BEDDING, THE TRENCH WILL BE BACK-FILLED WITH CLEAN GRANULAR MATERIAL THAT IS FREE OF ANGULAR OR LARGE STONE (1/2" MIN. DIAMETER) WITHIN 1/2 OF THE PIPE. BACKFILL MATERIAL WILL BE COMPACTED IN 12" LAYERS WITH A PORTABLE VIBRATORY UNIT.
 5. AFTER BACKFILLING, THE PIPE WILL BE SUBJECTED TO THE PRESSURE TEST OF 50 PSI AT THE HIGHEST POINT IN THE LINE. WATER LINE LOSSES APPLY.
 6. IF SUFFICIENT COVER IS NOT AVAILABLE OR IF THE PIPE WILL PASS UNDER A TRAVELED AREA, RIGID FOAM INSULATION WILL BE USED AS SHOWN.

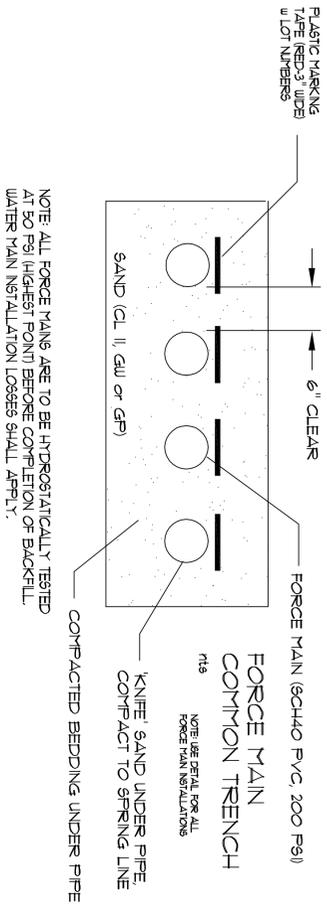


- DISPOSAL FIELD TRENCH NOTES**
1. ALL TRENCHES WILL BE INSTALLED IN ACCORDANCE WITH THESE PLANS AND THE FIELD LAYOUT CONFERRED BY THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 2. TRENCHES WILL BE EXCAVATED TO THE DEPTH SHOWN ENSURING THAT THE TRENCH BOTTOM IS LEVEL, THE BOTTOM AND SIDES OF THE TRENCH SHALL BE RAKED PRIOR TO THE PLACEMENT OF STONE.
 3. STONE SHALL BE HARD AND DURABLE LIVINGSTONE, GRALE OR WABELE NOT ACCEPTABLE AND BE EITHER CRUSHED STONE OR SCREENED GRAVEL. WASHED FOR THE FINAL BEDDING PRESENT IN THE DETAIL.
 4. PIPING FOR THE LATERALS SHALL BE NEW PVC OF THE SIZE NOTED. WITH HOLES DIRECTED DOWNWARD. WHERE A PRESSURE TEST IS NOTED, THE LATERALS SHALL NOT BE GLEED OR SECURED UNTIL AFTER THE TEST.
 5. AFTER COVERING THE LATERAL WITH STONE, A LAYER OF FILTER FABRIC SHALL BE PLACED OVER THE ENTIRE WIDTH AND LENGTH OF THE TRENCH. SAND OR CLEAN GRANULAR MATERIAL ALONG WITH TOPSOIL WILL BE USED TO COMPLETE THE TRENCH AS SHOWN. CROUING THE FINISHED GRADE TO DIVERT SURFACE WATER, ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.



FIRE POND DETAIL

N.T.S.



NOTE: ALL FORCE MAINS ARE TO BE HYDROSTATICALLY TESTED AT 50 PSI (HIGHEST POINT) BEFORE COMPLETION OF BACKFILL. WATER MAIN INSTALLATION LOSSES SHALL APPLY.

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