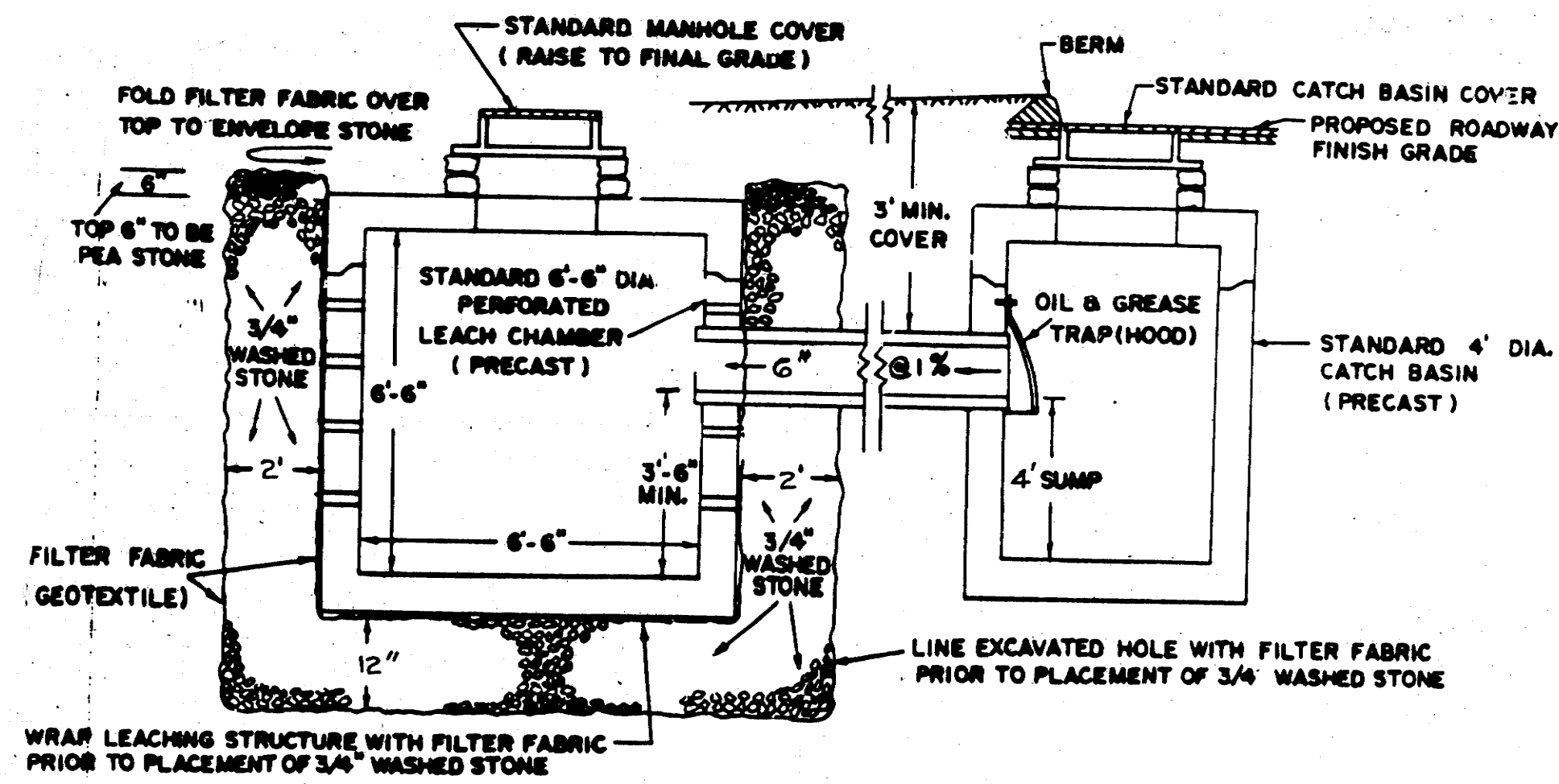
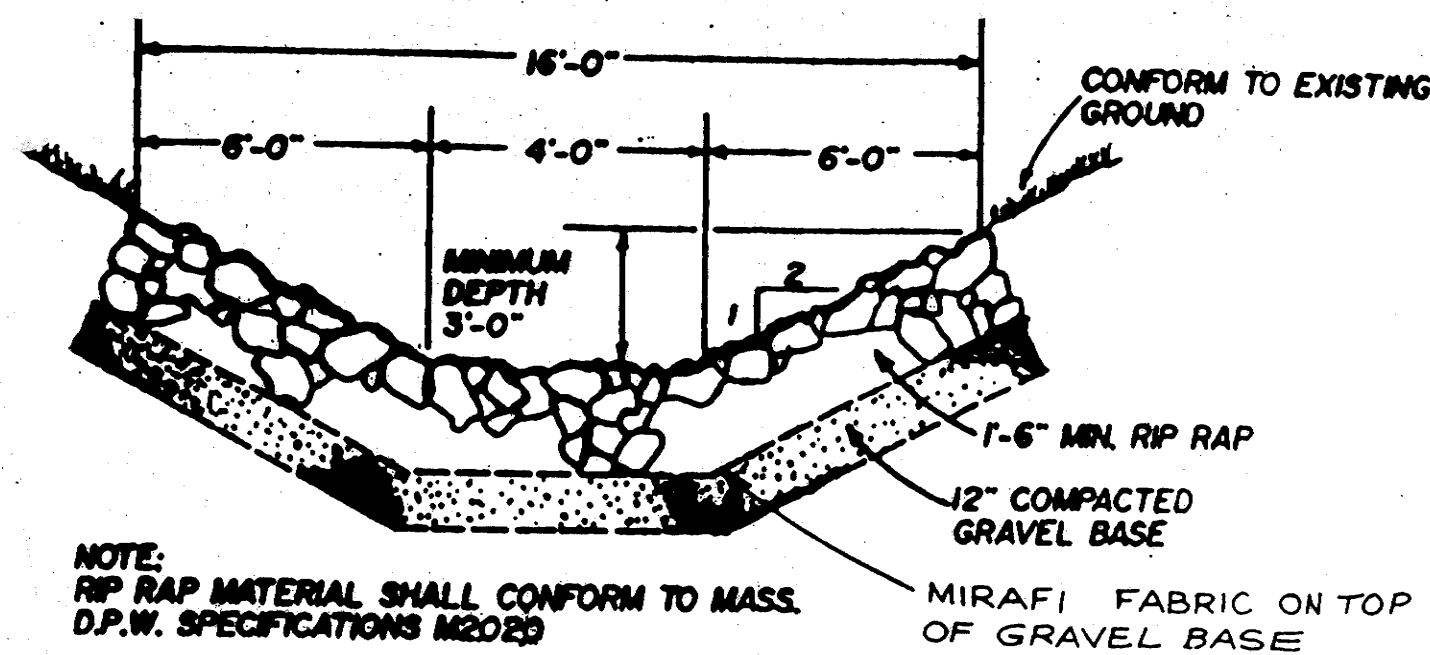




STANDARD LEACHING BASIN DETAIL



TYPICAL SECTION RIP RAP CHANNEL
NOT TO SCALE

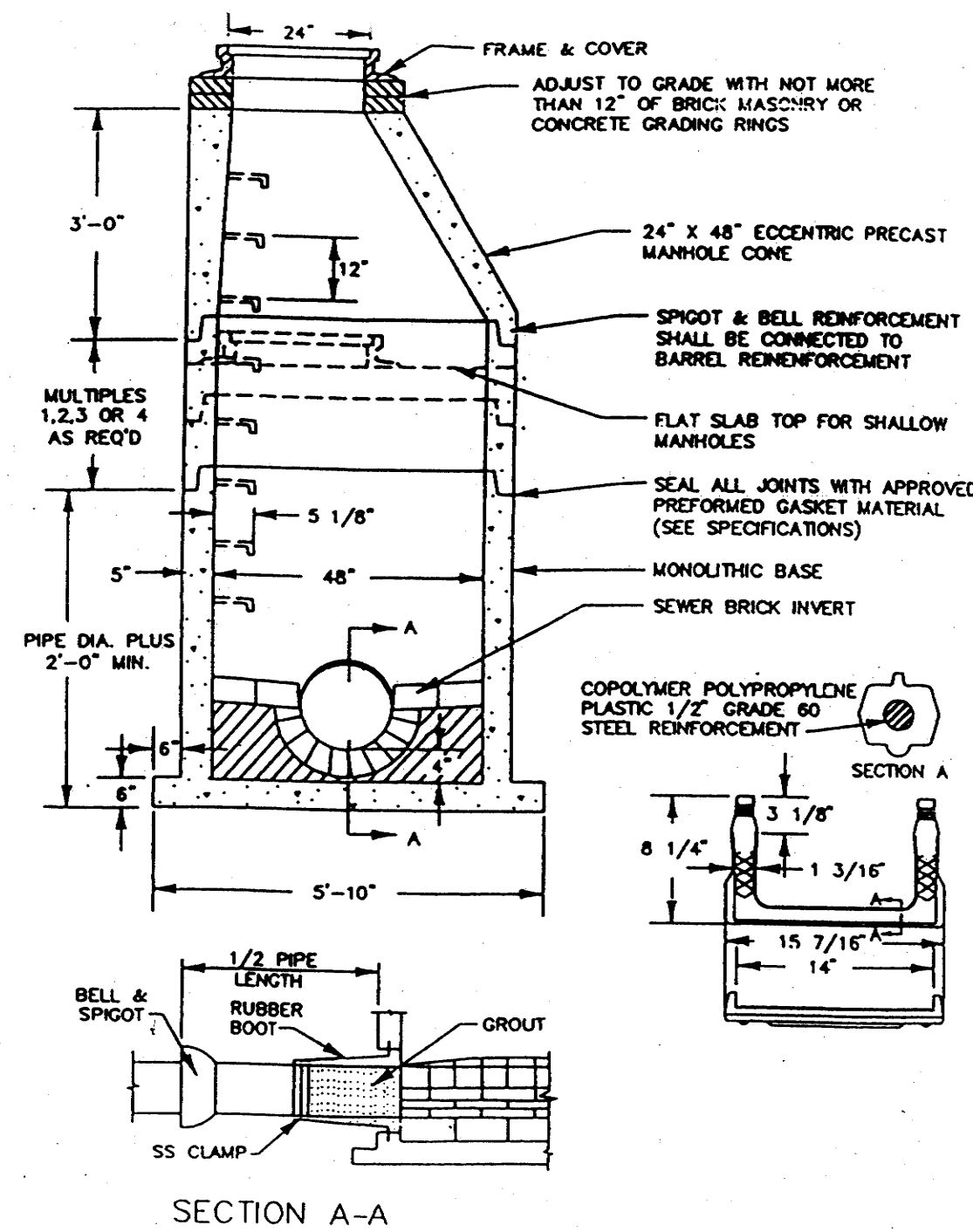
(SPECIAL SPECIFICATIONS: RIP-RAP MATERIAL SHALL BE MINIMUM 25 LBS. (25%) AND A MAXIMUM OF 125 LBS. TO 150 LBS. (75%) ANGULAR STONE)

NOTE
ALL MATERIALS AND CONSTRUCTION METHODS TO COMPLY WITH THE STANDARDS OF THE BOARD OF PUBLIC WORKS OF EAST LONGMEADOW.

BENCHMARKS

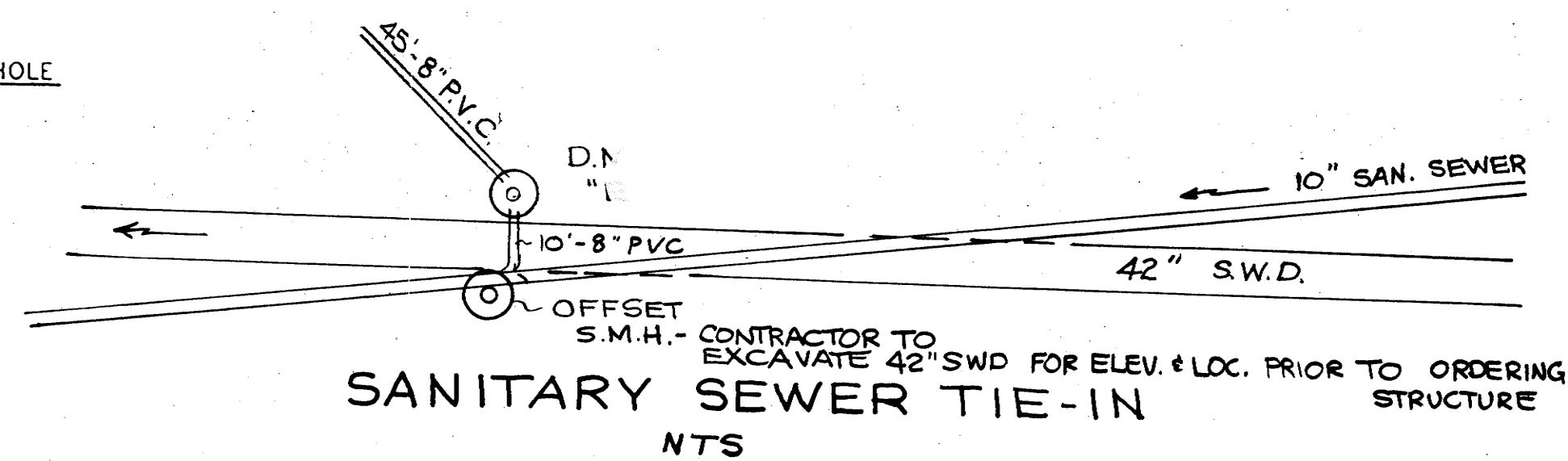
Top of Hydrant Spindle - Southwesterly Side of Somers Road at Entrance to Squire Lane - 226.45

Top of Hydrant Spindle - Northerly Side of Pease Road Opposite o. 16 Pease Road - 246.00



SECTION A-A

48\"/>

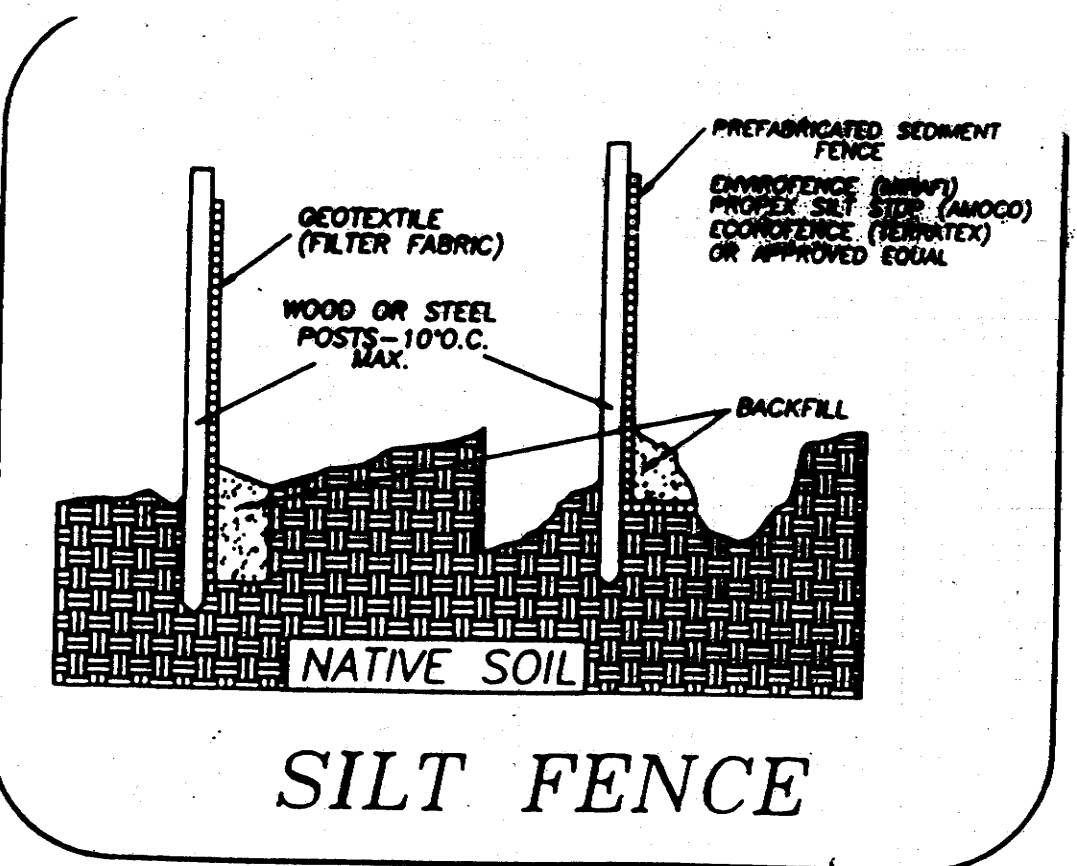


CUL-DE-SAC GRADING

SCALE: 1\"/>

EROSION CONTROL SPECIFICATIONS

1. All work in the buffer zone shall be performed under the supervision of an environmental professional and/or project engineer.
 2. All hay-bale and/or silt fence erosion and sedimentation checks shall be placed prior to beginning work as per the plan.
 3. All soils disturbed during construction shall be restored to grade, seeded and mulched with hay or straw until growth is established.
 4. No station shall be allowed in the site wetlands and no erosion of the bank edge shall be allowed under any circumstances.
 5. Whenever hay-bales or silt fence filters are used, they shall be maintained in good working condition until ground cover is reestablished.
 6. The downhill toe-of-slope of all the stockpiled soils shall be protected by staked hay bales or silt fence.
 7. No stockpiling of soils shall be in wetland areas or within 100' of wetlands shown.
 8. Soil stockpiles shall be shaped and seeded with temporary cover as per seeding specifications or mulched if grading is to be delayed over winter.
- If any questions arise regarding erosion and sedimentation control measures, the environmental professional and/or project engineer shall be consulted immediately.



SILT FENCE

SILT FENCE SPECIFICATIONS

Installation Requirements

- (a) This sediment barrier utilizes burlap or standard strength or extra strength synthetic filter fabrics. It is designed for applications in which only short or wetland flows are expected. In special cases burlap may be used in drainage ways.
- (b) The height of the barrier shall not exceed 36 inches (higher barriers may increase volume of water sufficient to cause failure of the structure). Should the filter fence shall be placed 10 feet away from the toe-of-slope.
- (c) When joints are necessary, filter cloth shall be rolled together only at a support post, with a minimum 6-inch overlap, and securely sealed. See manufacturer's recommendations.
- (d) Posts shall be spaced a maximum of 10 feet apart at the barrier top and shall extend into the ground (minimum of 12 inches). When using geotextile fabric, it shall extend the full length of the barrier and shall be secured to the ground at the top and bottom of the barrier.
- (e) A trench shall be excavated approximately 6 inches wide and 6 inches deep along the line of the barrier and spaced from the barrier in accordance with manufacturer's recommendations.
- (f) When standard strength filter fabric is used, a wire mesh support fence shall be installed securely to the outside side of the posts using heavy duty wire staples at least 12 inch long and spaced every 7 feet. The wire shall extend into the trench a minimum of 2 inches and shall extend more than 36 inches above the original ground surface.
- (g) The standard strength filter fabric shall be shaped, rolled or tied to the site during and 12 inches of the fabric shall not extend into the trench. The fabric shall not extend more than 36 inches above the original ground surface. Filter fabric shall not be shaped to the existing terrain.
- (h) When extra strength filter fabric or burlap and chain post staples are used, the wire mesh support fence may be substituted. In such a case, the filter fabric is shaped, rolled or tied directly to the posts with all other provision of item (f) applying. Filter fabric.
- (i) The trench shall be backfilled and the soil compacted over the filter fabric.
- (j) Filter barriers shall be removed when they have served their useful purpose, but not before the splash area has been permanently stabilized.

Maintenance

- (a) Filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- (b) Should the fabric decompose or become ineffective prior to the end of the expected useful life and the barrier still be necessary, the fabric shall be replaced promptly.
- (c) Sediment deposits should be removed when they reach approximately one-half the height of the barrier.
- (d) Any sediment deposits remaining in place after the silt fence filter barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.

SPECIFICATIONS
DEER RUN TERRACE
EAST LONGMEADOW, MA.
FOR
CHARLES RICHARD

SHEET-7

ECOTEC ENVIRONMENTAL ASSOCIATES INC.

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SCALE	AS NOTED	DATE	APRIL 2000
DRAWN BY	G.W.	TRACED BY	G.W.
SURVEY BOOK NO.		PROJECT NO.	
		FILE NO.	

SD 248 13-43