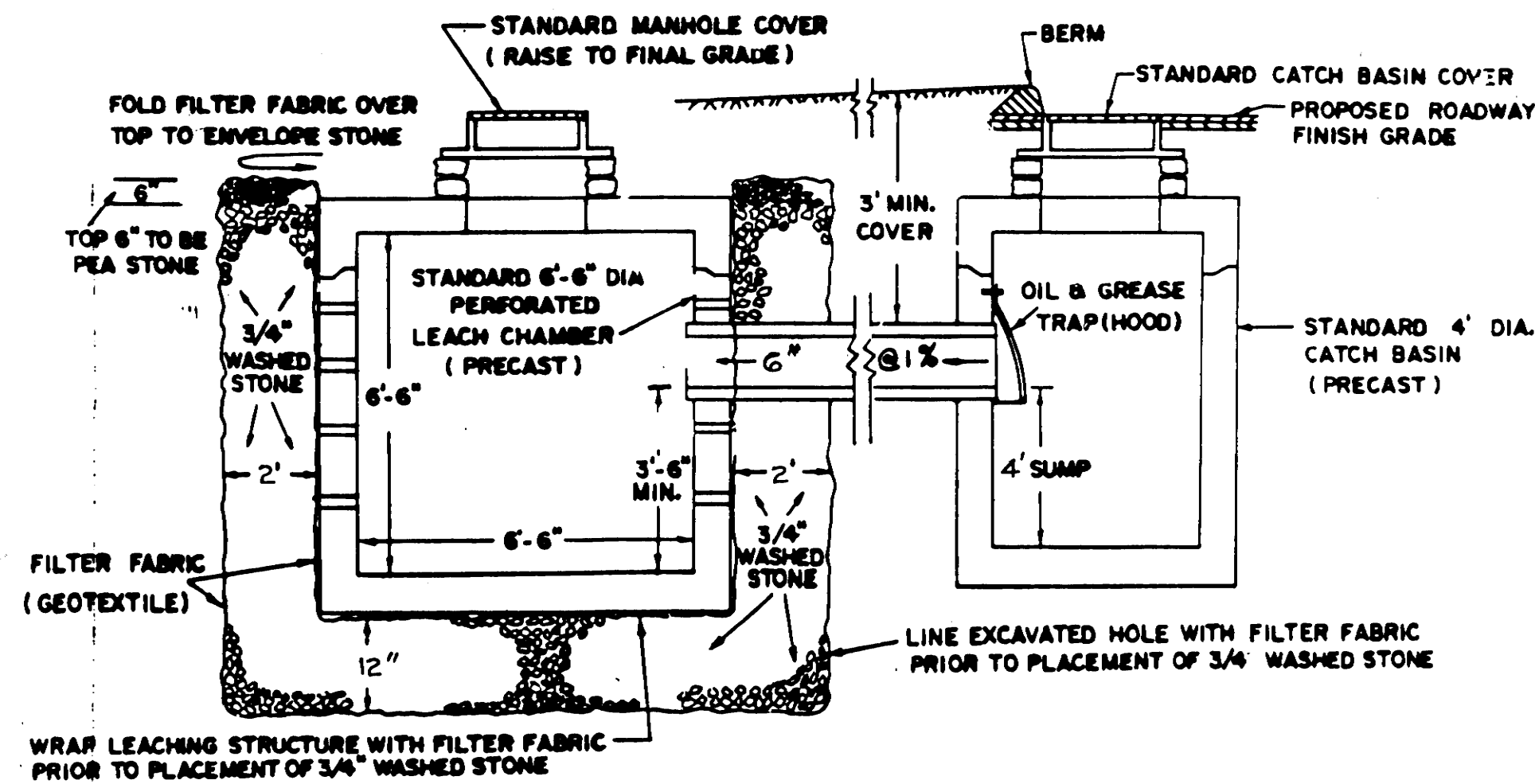
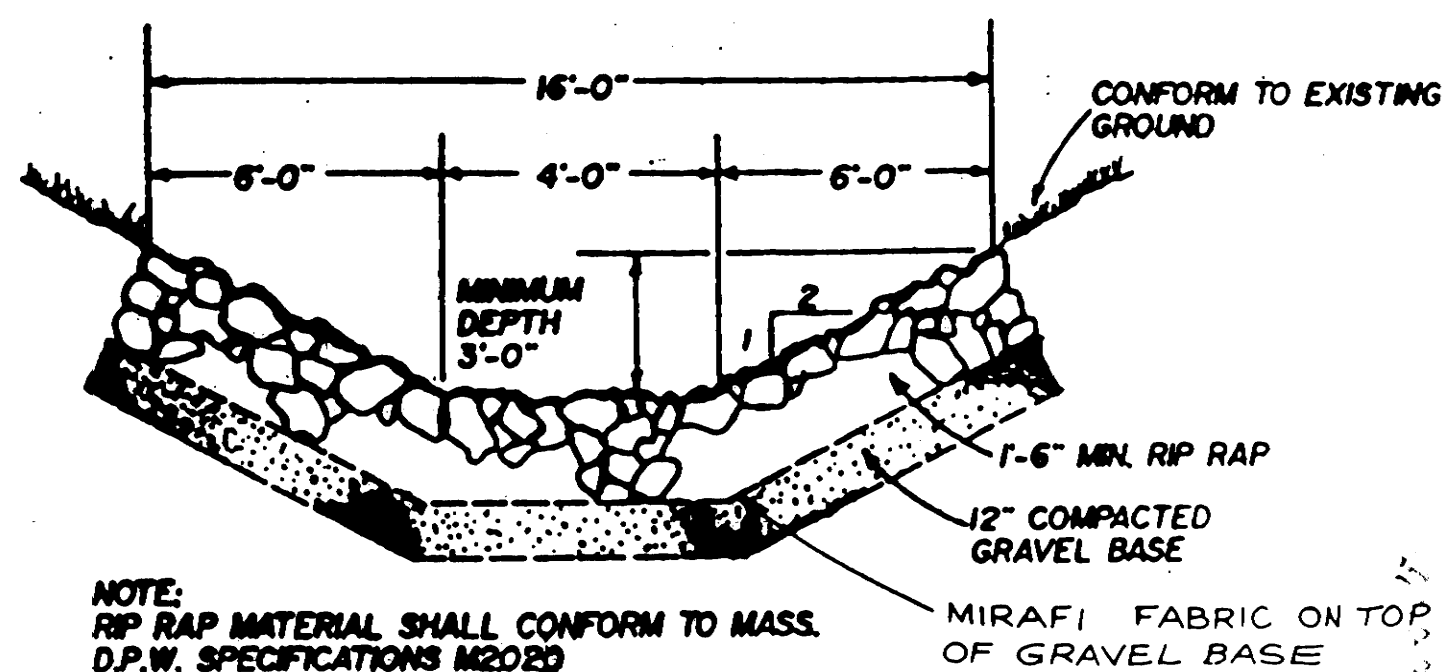




STANDARD LEACHING BASIN DETAIL



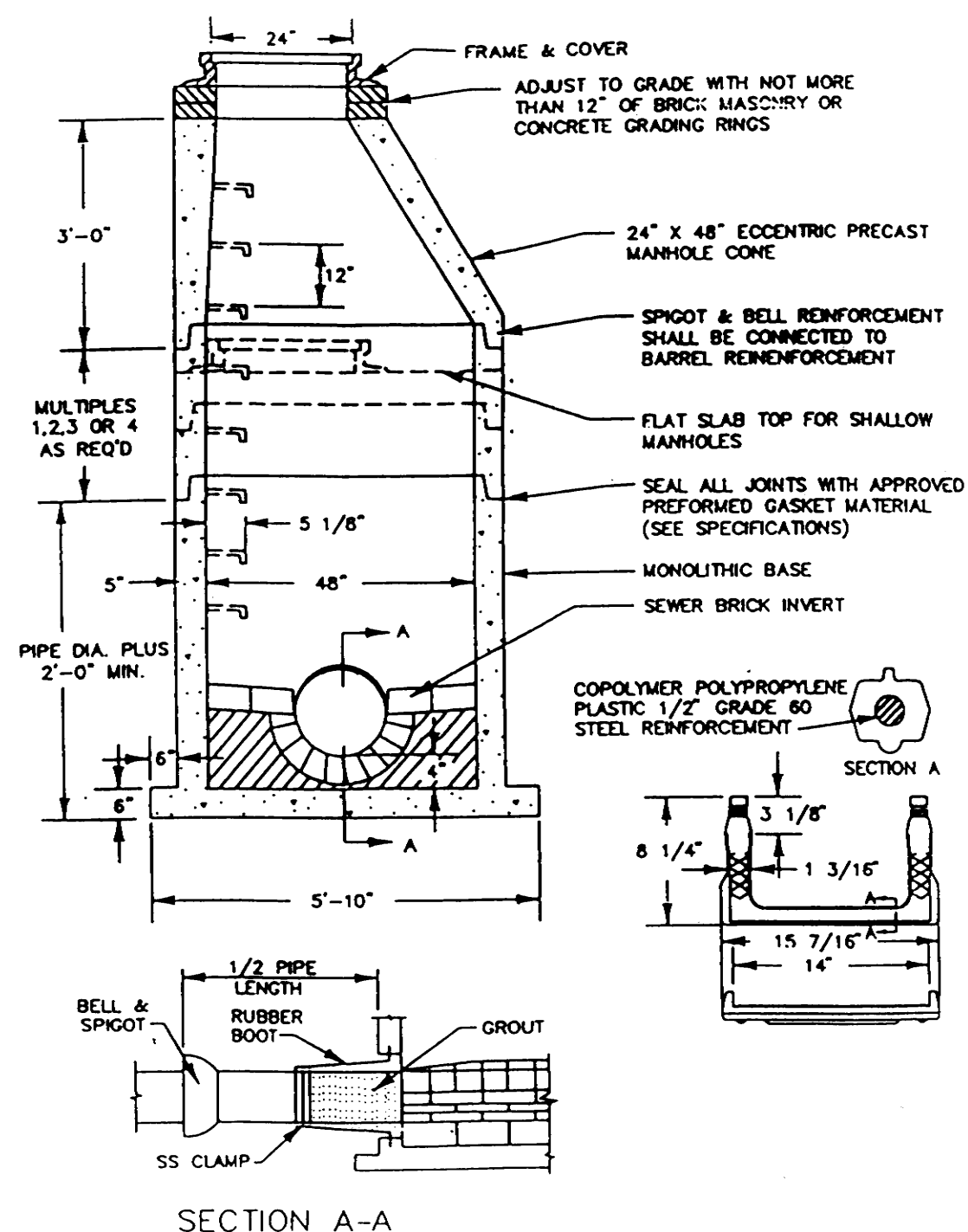
TYPICAL SECTION RIP RAP CHANNEL
NOT TO SCALE

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

BENCHMARKS

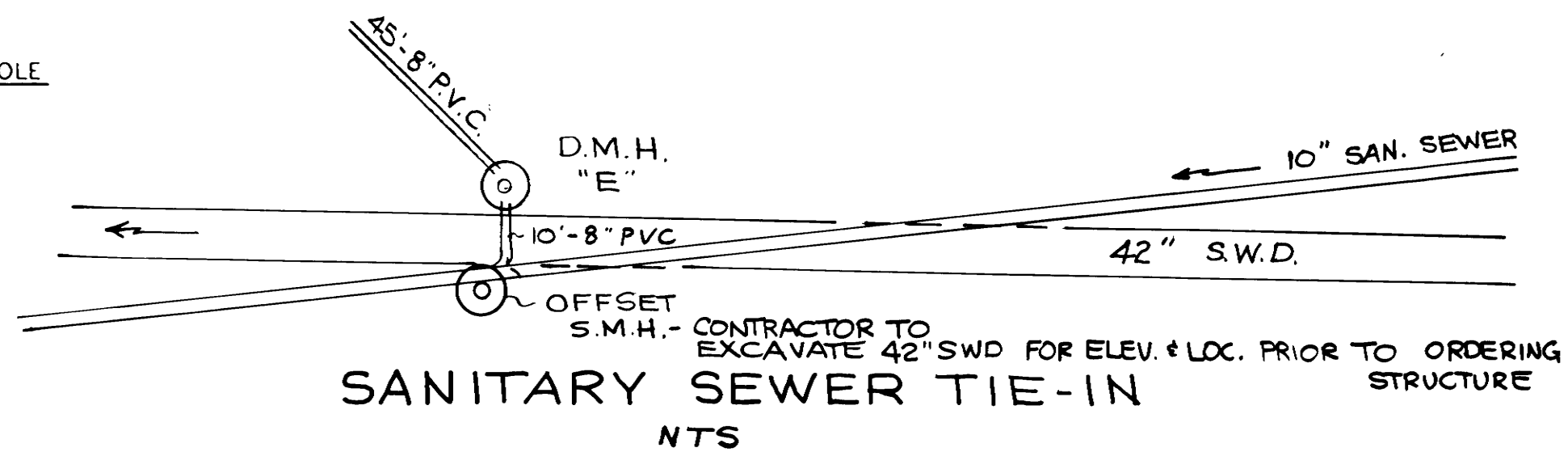
Top of Hydrant Spindle - Southwesterly Side of Somers Road at Entrance to Squire Lane - 226.45

Top of Hydrant Spindle - Northerly Side of Pease Road Opposite No. 16 Pease Road - 246.80



SECTION A-A

48\"/>

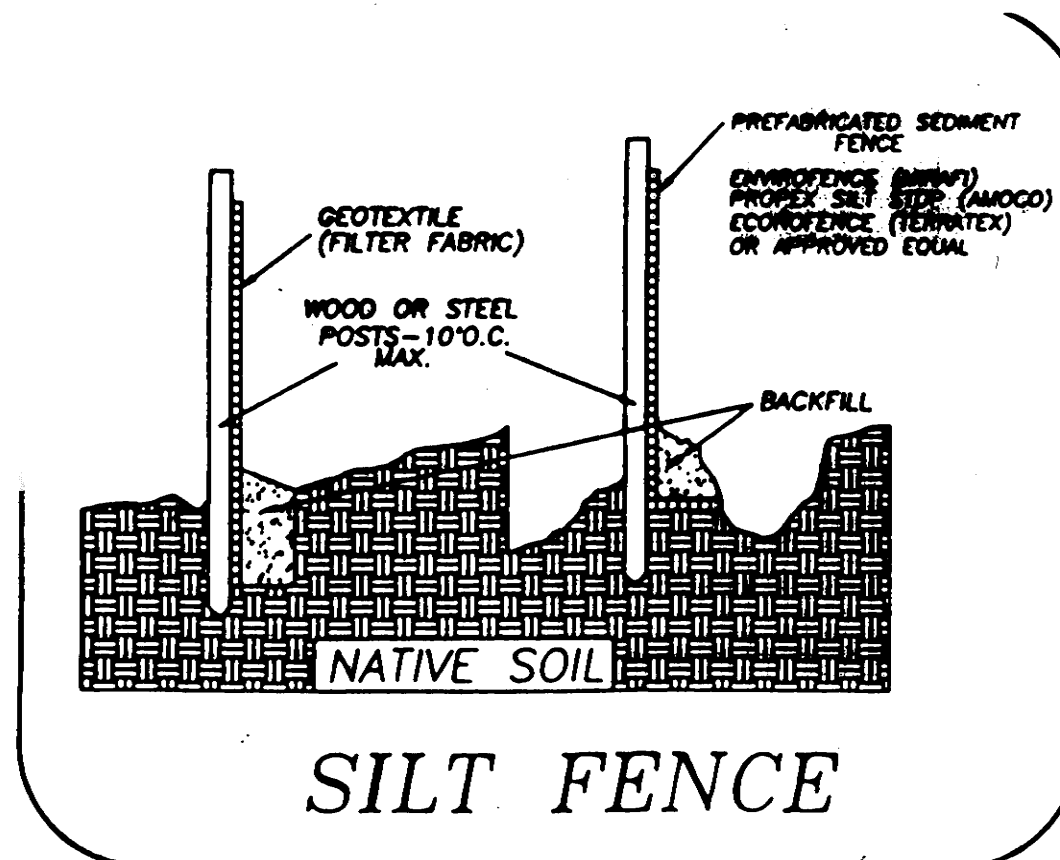


SANITARY SEWER TIE-IN
NTS

EROSION CONTROL SPECIFICATIONS

- All work in the buffer zone shall be performed under the supervision of an environmental professional and/or project engineer.
- All hay-bale and/or silt fence erosion and sedimentation checks shall be placed prior to beginning work as per the plan.
- All soils disturbed during construction shall be restored to grade, seeded and mulched with hay or straw until growth is established.
- No erosion shall be allowed in the silt wetlands and no erosion of the bank edge shall be allowed under any circumstances.
- Whenever hay-bale or silt fence filters are used, they shall be maintained in good working condition until ground cover is reestablished.
- The downhill toe-of-slope of all the stockpiled soils shall be protected by staked hay bales or silt fence.
- No stockpiling of soils shall be in wetland areas or within 100' of wetlands shown.
- 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

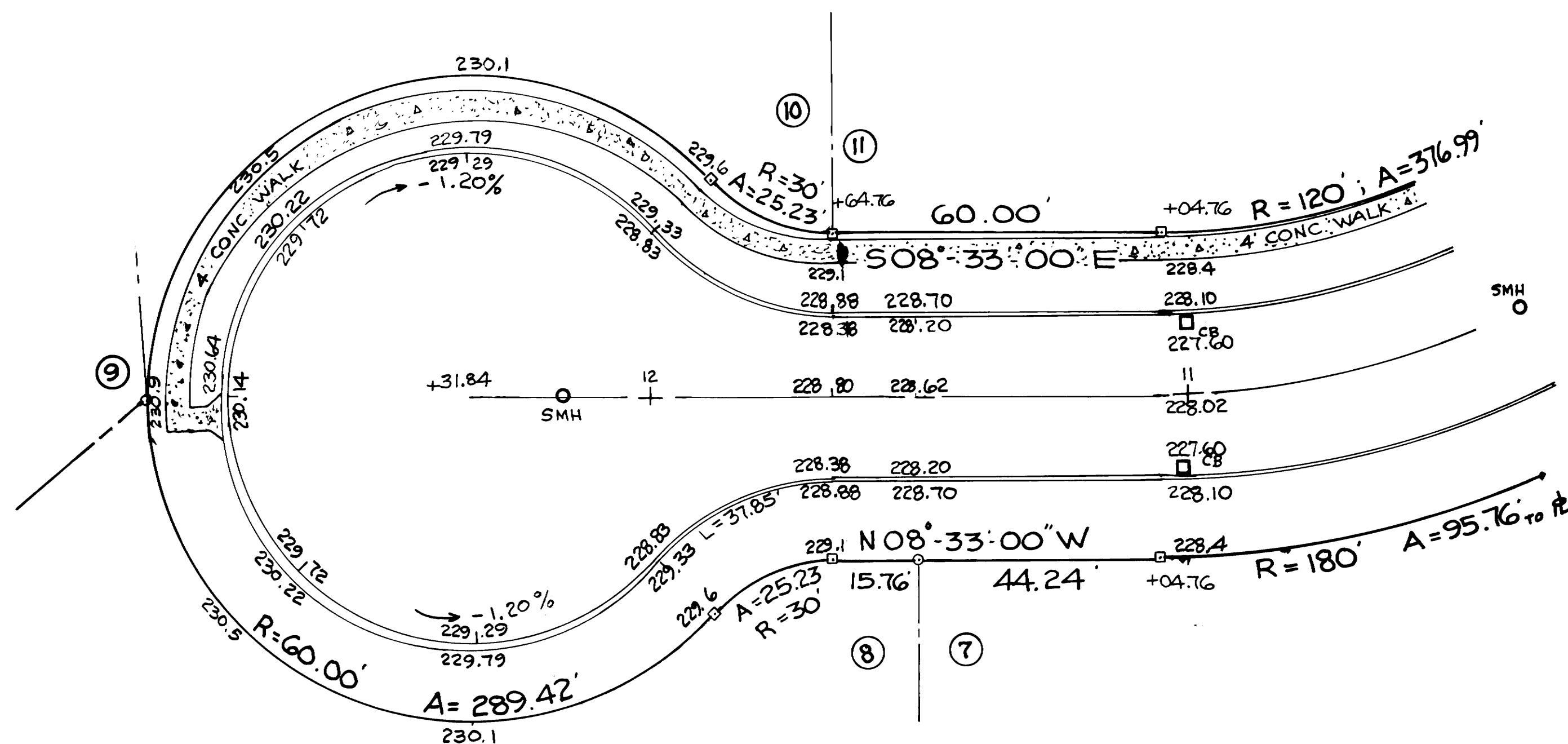
SILT FENCE SPECIFICATIONS

Installation Requirements

- This silt fence barrier utilizes burlap or standard strength or extra strength synthetic filter fabric. It is designed for situations in which only sheet or vertical flow are expected. In special cases burlap may be used in drainage.
- The height of the barrier shall not exceed 36 inches (higher barriers may require support of water sufficient to cause failure of the structure). When the filter fence shall be placed 10 feet away from the toe-of-slope.
- When fabric are necessary, filter cloth shall be applied together only at a support post, with a minimum 6-inch overlap, and securely stapled. See manufacturer's recommendations.
- Posts shall be spaced a maximum of 10 feet apart at the barrier length and driven vertically into the ground (minimum of 12 inches). When extra strength fabric is used, utilize the site support fabric, post spacing shall be as per manufacturer's recommendations.
- A trench shall be excavated approximately 6 inches wide and 6 inches deep along the line of posts and staples from the barrier in accordance with manufacturer's recommendations.
- When standard strength filter fabric is used, it is recommended that the posts be driven into the ground at least 1 foot deep, to hold the filter fabric in place. The site shall extend into the trench a minimum of 2 inches and shall extend more than 36 inches above the original ground surface. Filter fabric shall not be stapled to the existing fence.
- The standard strength filter fabric shall be shaped, wind or tied to the site fence, and 6 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 stapled to the existing fence.
- When extra strength filter fabric or burlap and other post spacing are used, the site support fabric may be distributed in such a manner, the filter fabric is shaped, wind, or tied directly to the posts with all other provision of item (f) applying.
- The trench shall be backfilled and the soil compacted over the filter fabric.
- Filter barriers shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

Maintenance

- Filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- 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.
- Sediment deposits should be removed when they reach approximately one-half the height of the barrier.
- Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.



CUL-DE-SAC GRADING

SCALE: 1" = 20'

SPECIFICATIONS

DEER RUN TERRACE
EAST LONGMEADOW, MA.
FOR
CHARLES RICHARD

SHEET-7

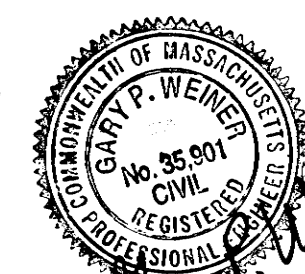
ECOTEC ENVIRONMENTAL ASSOCIATES INC.

180 DENSLOW ROAD
P.O. BOX 188
EAST LONGMEADOW, MA 01028

PHONE (413) 525-6703 FAX (413) 525-3582

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

SD 248A 13-43



Long

Book 318 Page 67

APPROVED BY THE EAST LONGMEADOW PLANNING BOARD

DATE: 8-1-00

Richard M. Clark
CHAIRMAN