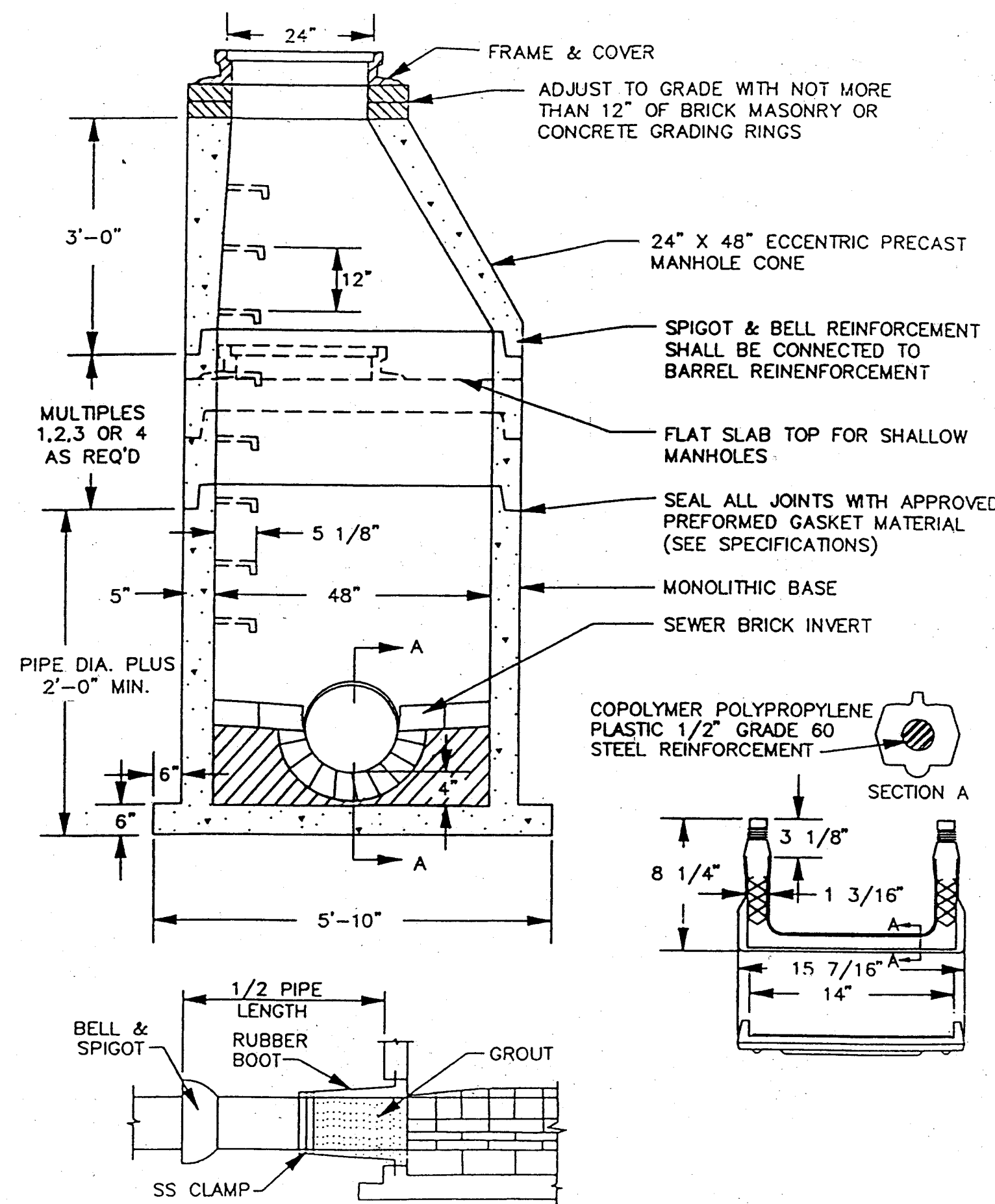


CONSTRUCTION NOTES

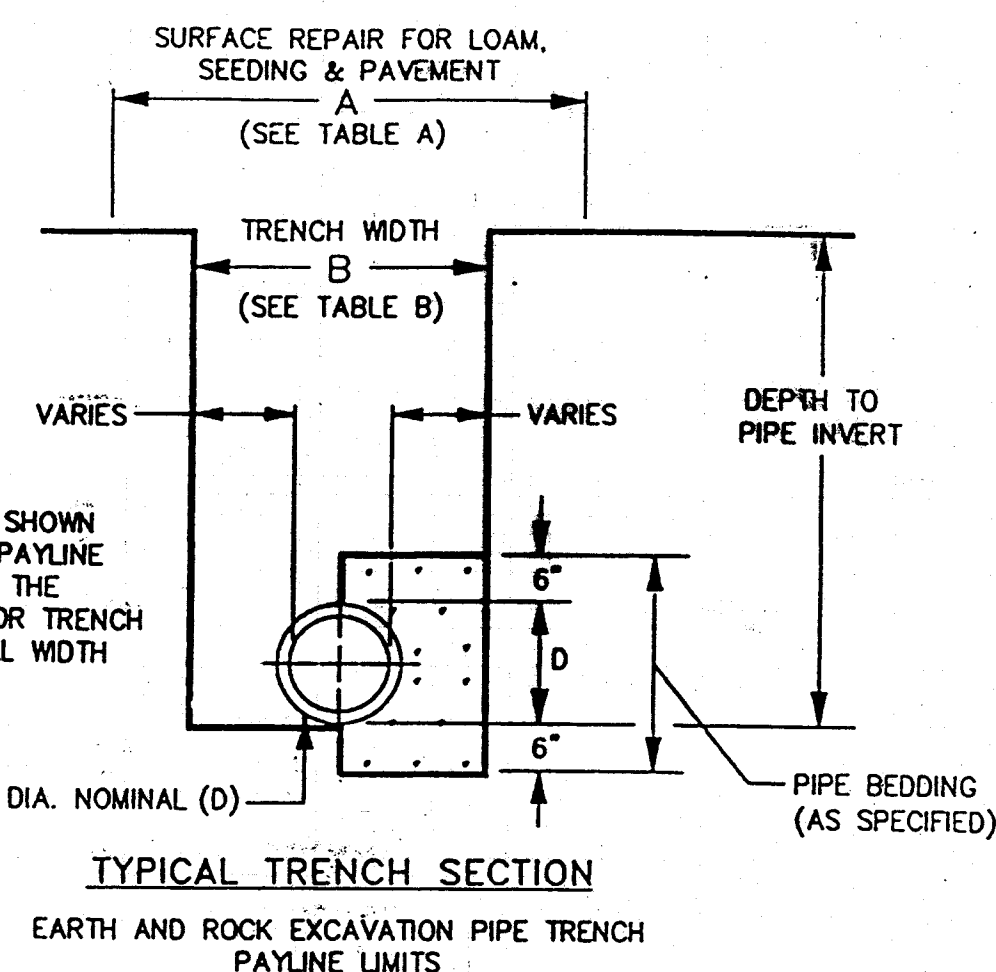
1. CONTROLLED DENSITY FILL TO BE USED ON SOMERS ROAD ONLY.
2. ALL PIPE TO BE BEDDED ON 6" OF WASHED STONE AND COVERED WITH A MINIMUM OF 6" TO THE ENTIRE TRENCH WIDTH.
3. ALL STRUCTURES TO BE SET ON A MINIMUM 12" WASHED STONE BED.



SECTION A-A

48" PRECAST MANHOLE

STANDARD DETAILS

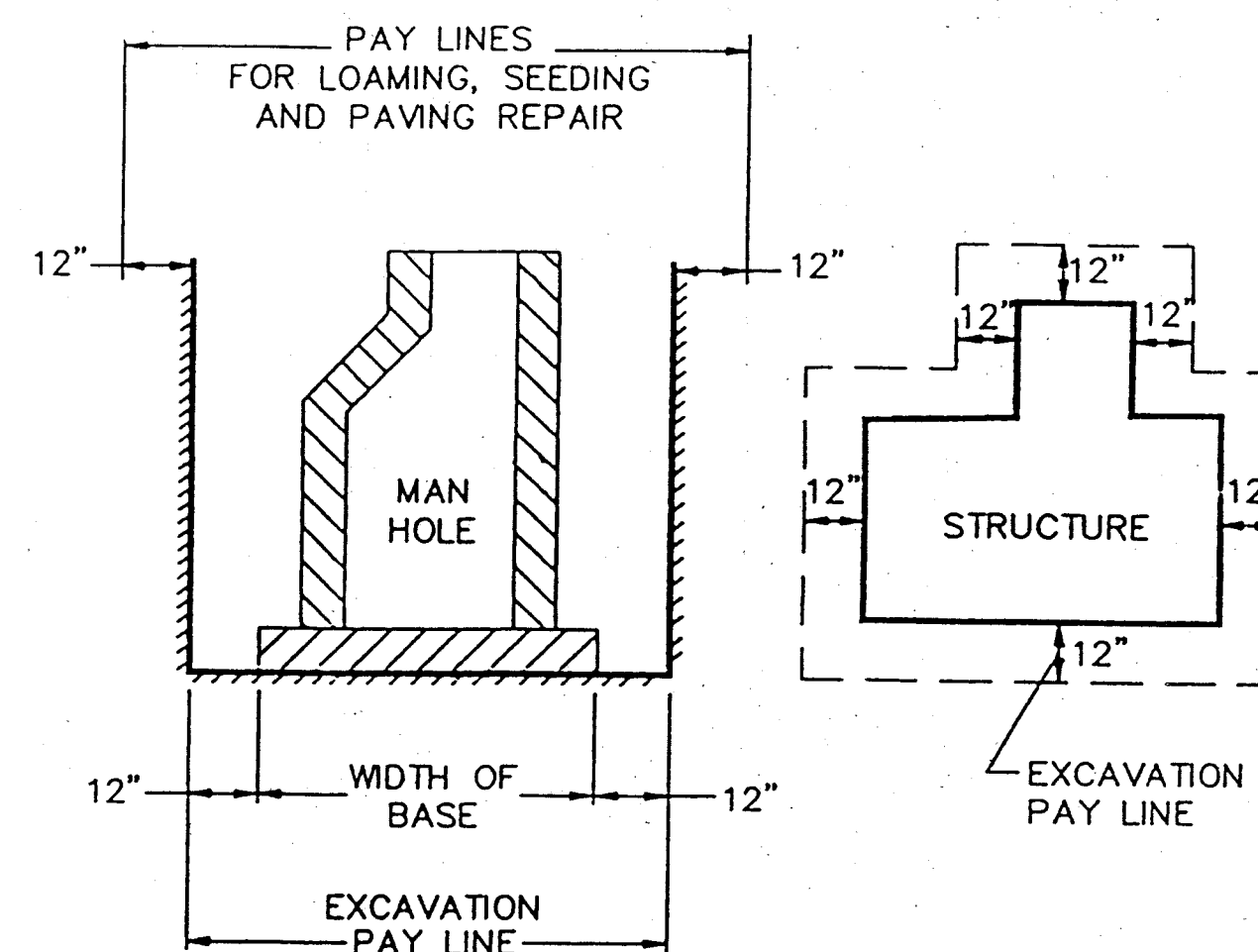


NOTE:

1. THE PAY LINE DIMENSIONS SHOWN REPRESENT THE MAXIMUM PAYLINE LIMITS TO BE PAID. WHEN THE ACTUAL SURFACE REPAIR OR TRENCH WIDTH IS LESS, THE ACTUAL WIDTH WILL BE PAID FOR AT THE APPLICABLE UNIT PRICE.

TABLE A MAXIMUM SURFACE REPAIR PAY WIDTHS (SEE NOTE 1)			
NOMINAL PIPE DIA. 0 - 24"		NOMINAL PIPE DIA. GREATER THAN 24"	
TEMPORARY PAVEMENT 6'-6" MAX.	PERMANENT PAVEMENT & LOAM & SEED 8'-6" MAX.	TEMPORARY PAVEMENT D + 4'-0" MAX.	PERMANENT PAVEMENT & LOAM & SEED D + 6'-0" MAX.
TABLE B MAXIMUM TRENCH EXCAVATION PAY WIDTHS (SEE NOTE 1)			
NOMINAL PIPE DIA. 0-24"		NOMINAL PIPE DIA. GREATER THAN 24"	
5'-0"		D + 3'-0"	

TRENCH PAY LINES



NOTE:

1. EXCAVATION WILL BE PAID FOR ONCE REGARDLESS OF HOW OFTEN IT FALLS WITHIN THE PAYLINES FOR VARIOUS PIPES AND STRUCTURES DUE TO OVERLAPPING OF PAYLINES, AND REGARDLESS OF HOW OFTEN CONTRACTOR REHANDLES MATERIALS.
2. EXCAVATION MEASUREMENTS FOR CIRCULAR STRUCTURES WILL BE MEASURED FROM THE STRUCTURE SURFACE.

STRUCTURE PAY LINES

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-bale 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.

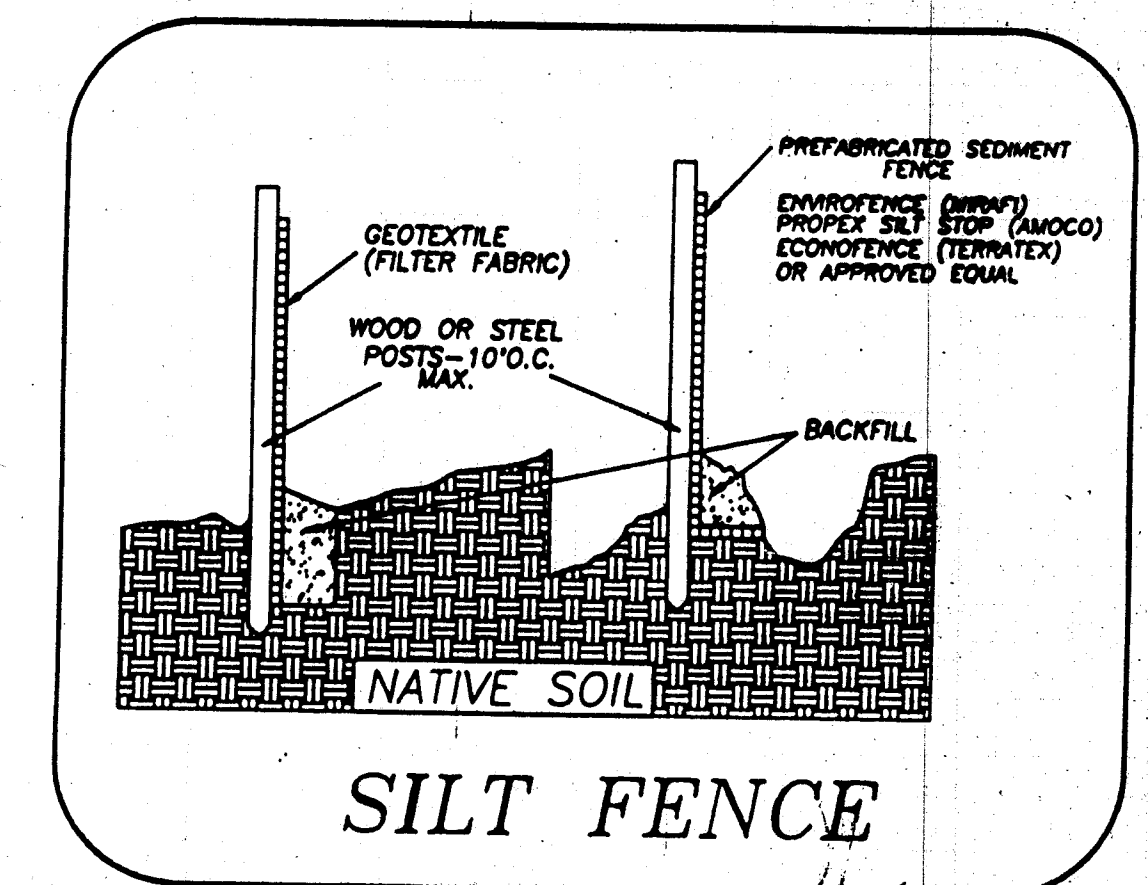
SILT FENCE SPECIFICATIONS

Installation Requirements

- This sediment barrier utilizes burlap or standard strength or extra strength synthetic filter fabric. It is designed for situations in which only sheet or overland flows are expected. In special cases burlap may be used in drainage ways.
- (a) The height of the barrier shall not exceed 36 inches (higher barriers may impound volumes of water sufficient to cause failure of the structure). Ideally the filter fence shall be placed 10 feet away from the toe-of-slope.
 - (b) When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed. See manufacturer's recommendations.
 - (c) Posts shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (minimum of 12 inches). When extra strength fabric is used without the wire support fence, post spacing shall be as per manufacturer's recommendations.
 - (d) A trench shall be excavated approximately 6 inches wide and 6 inches deep along the line of posts and across from the barrier in accordance with manufacturer's recommendations.
 - (e) When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1 inch long, 16 wires or hog rings. The wire shall extend into the trench a minimum of 2 inches and shall extend more than 36 inches above the original ground surface.
 - (f) The standard strength filter fabric shall be stapled, wired or tied to the wire fence, and 8 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 trees.
 - (g) When extra strength filter fabric or burlap and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled, wired or tied directly to the posts with all other provision of item (f) applying.
 - (h) The trench shall be backfilled and the soil compacted over the filter fabric.
 - (i) Filter barriers shall be removed when they have served their useful purpose, but not before the upslope 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 usable 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 or filter barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.



SILT FENCE

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

SPECIFICATIONS PROPOSED SANITARY SEWER SOMERS ROAD & PARKER ST. EAST LONGMEADOW, MASS.

FOR THE
EAST LONGMEADOW BOARD OF PUBLIC WORKS

ECOTEC ENVIRONMENTAL ASSOCIATES INC.

180 DENLOW ROAD
P.O. BOX 188
EAST LONGMEADOW, MA 01028
PHONE (413) 525-0703 FAX (413) 525-3582

SCALE AS NOTED DATE MAR. 2060
DRAWN BY TRACED BY CHECKED BY
SURVEY BOOK NO. PROJECT NO. 99-074 FILE NAME