

**ZONING DISTRICT: SR-B  
SUBURBAN RESIDENCE**

MINIMUM LOT AREA = 10,000 S.F.  
MINIMUM LOT FRONTAGE AND WIDTH = 80 FEET  
MINIMUM LOT DEPTH = 90 FEET

MINIMUM SETBACKS  
FRONT = 20 FEET  
SIDE = 12 FEET  
REAR = 30 FEET

NOTE: TOPOGRAPHIC FEATURES DEPICTED ON THIS PLAN ARE BASED UPON PHOTOGRAMMETRY DATED APRIL 15, 1994 AND ON THE GROUND SURVEY BY HAYES ENGINEERING, INC.

ZONE A AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 250206 0003 B. EFFECTIVE DATE 8/5/86. NO ELEVATION DETERMINED.

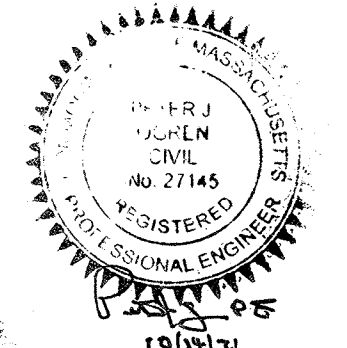
- LEGEND**
- EROSION CONTROL
  - LIMIT OF WORK
  - EXISTING WETLAND
  - EXISTING 100' BUFFER
  - EXISTING SPOT ELEVATION
  - EXISTING CONTOUR
  - PROPOSED SPOT ELEVATION
  - PROPOSED CONTOUR
  - TEST HOLE (TYP)
  - TEMPORARY DISTURBANCE

	FILL CU. FT.	CUT CU. FT.
100-101	150x13=1950	40x80=3200
101-102	260x13=3380	40x90=3600
102-103	305x13=3965	40x100=4000
103-104	0	5000

REVISIONS

- 1-11-01
- 5-17-01
- 12-03-01
- 01-03-02
- 01-25-10
- 04-28-21
- 08-11-21
- 10-14-21

OWNER: JAMES G. CONFALONE  
REFERENCE: LAND COURT CERTIFICATE NO. 161524  
LOT B4 ON LAND COURT PLAN 300-H AND LOT A  
ON LAND COURT PLAN 6599-B  
ASSESSOR'S MAP G7, LOT 62B



Topographic Plan in  
**MELROSE, MASS.**

Hayes Engineering, Inc.  
Civil Engineers & Land Surveyors  
603 Salem Street  
Wakefield, MA 01880

Telephone: 781.246.2800  
Facsimile: 781.246.7596  
www.hayeseng.com

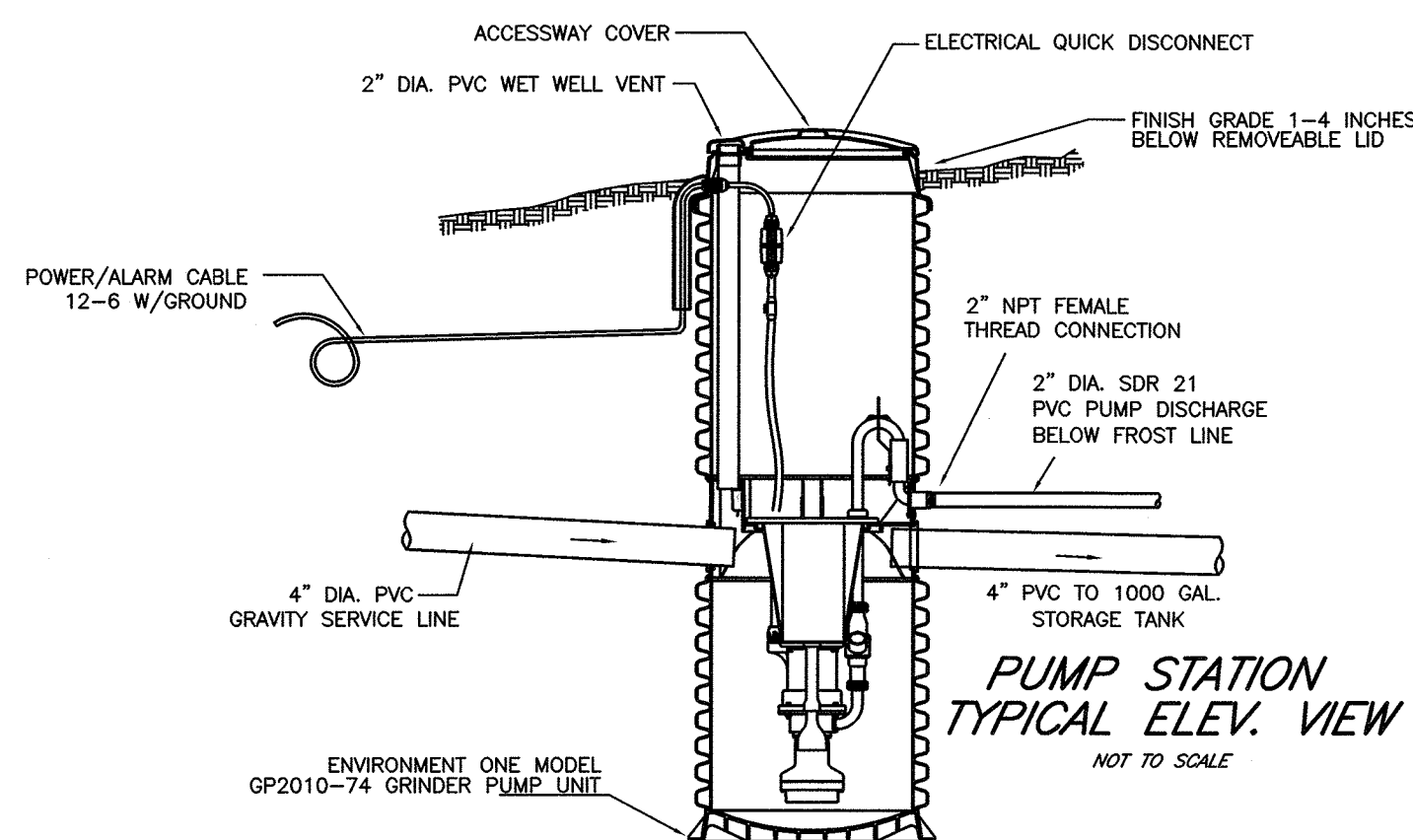


Scale: 1" = 20'

0' 10' 20' 40' 60'

JULY 23, 1997

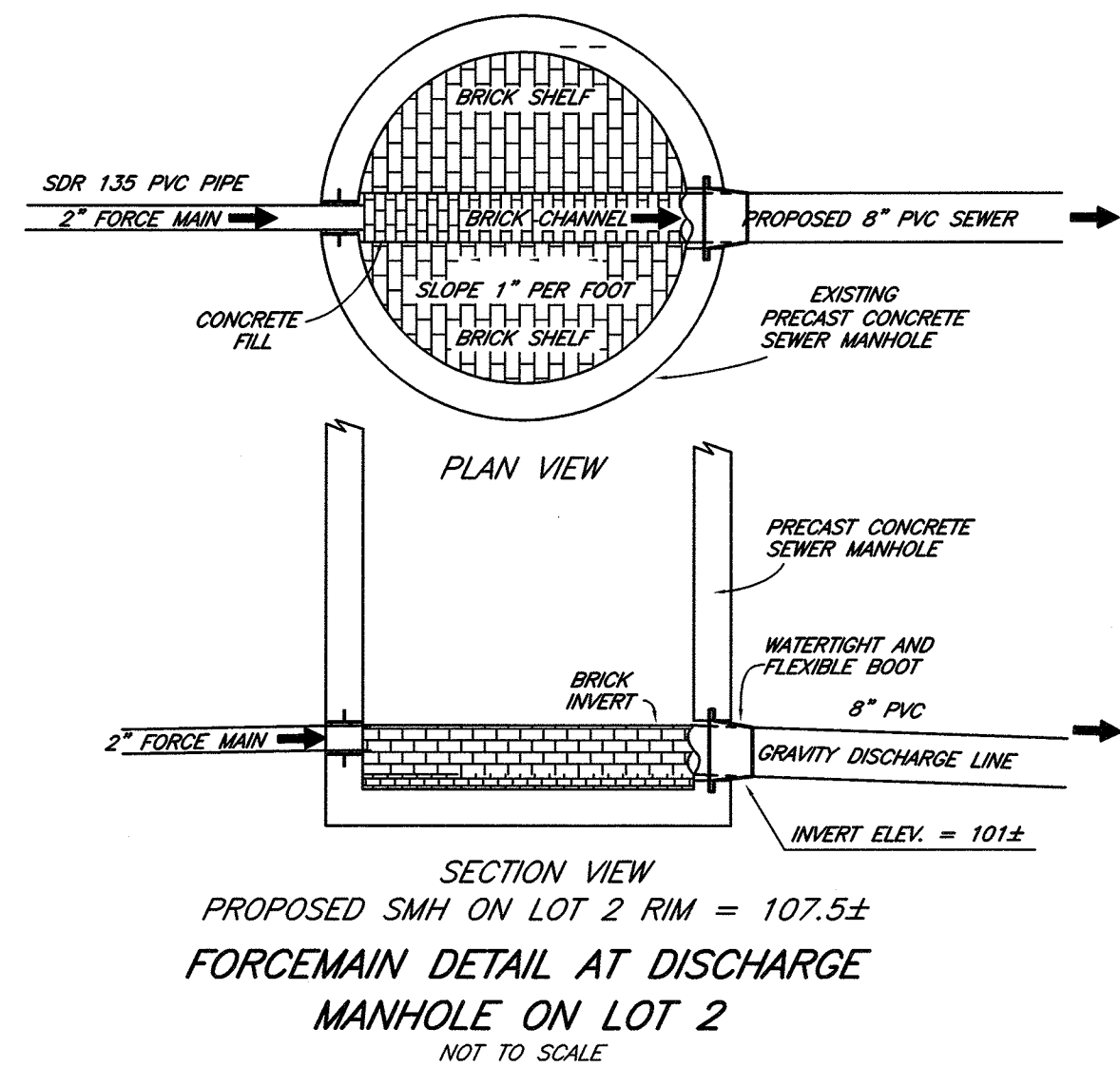




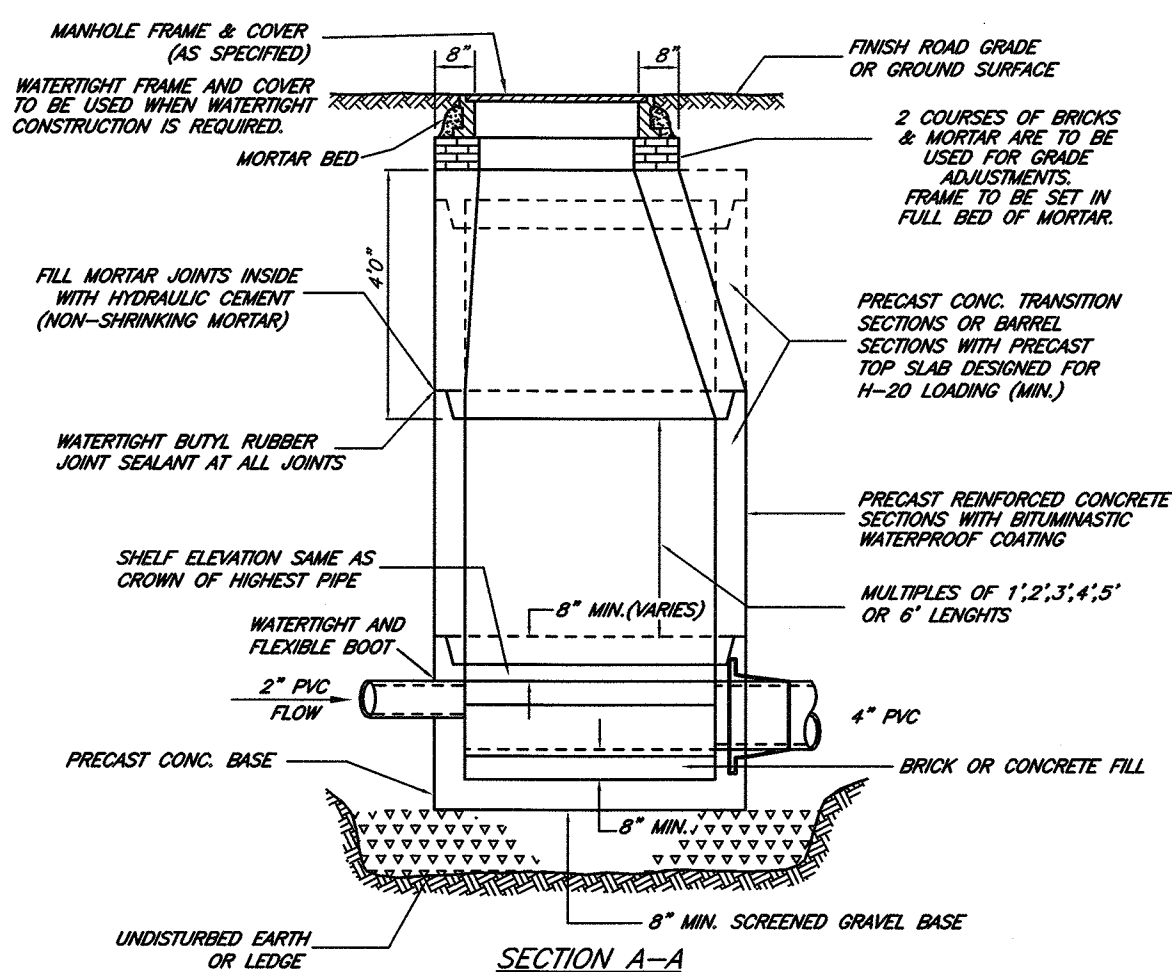
NOTE: ALL GRINDER PUMPS SHALL BE ENVIRONMENT ONE MODEL GP2010 GRINDER PUMPS, 1/2 HP, 1725 RPM, 120/240V/60HZ, ONE PHASE, AS MANUFACTURED BY ENVIRONMENT ONE CORPORATION OF SCHEFFERS, MD.

PUMP DESIGN AND CURVE SHALL BE SUBMITTED WITH SEWER PERMIT APPLICATION FOR EACH RESIDENCE. PUMPS TO INCLUDE HIGH LEVEL ALARM, OPERATION AND MAINTENANCE MANUAL.

DISCONNECT AND ALARM PANEL SHALL BE RAIN PROOF (NEMA 3R) ENCLOSURE, EQUIPPED WITH CIRCUIT BREAKERS OR DISCONNECT SWITCH. PANEL AND AUDIO/VISUAL ALARM DEVICES SHALL BE LOCATED NEXT TO THE ELECTRIC PANEL OF THAT PARTICULAR DWELLING.



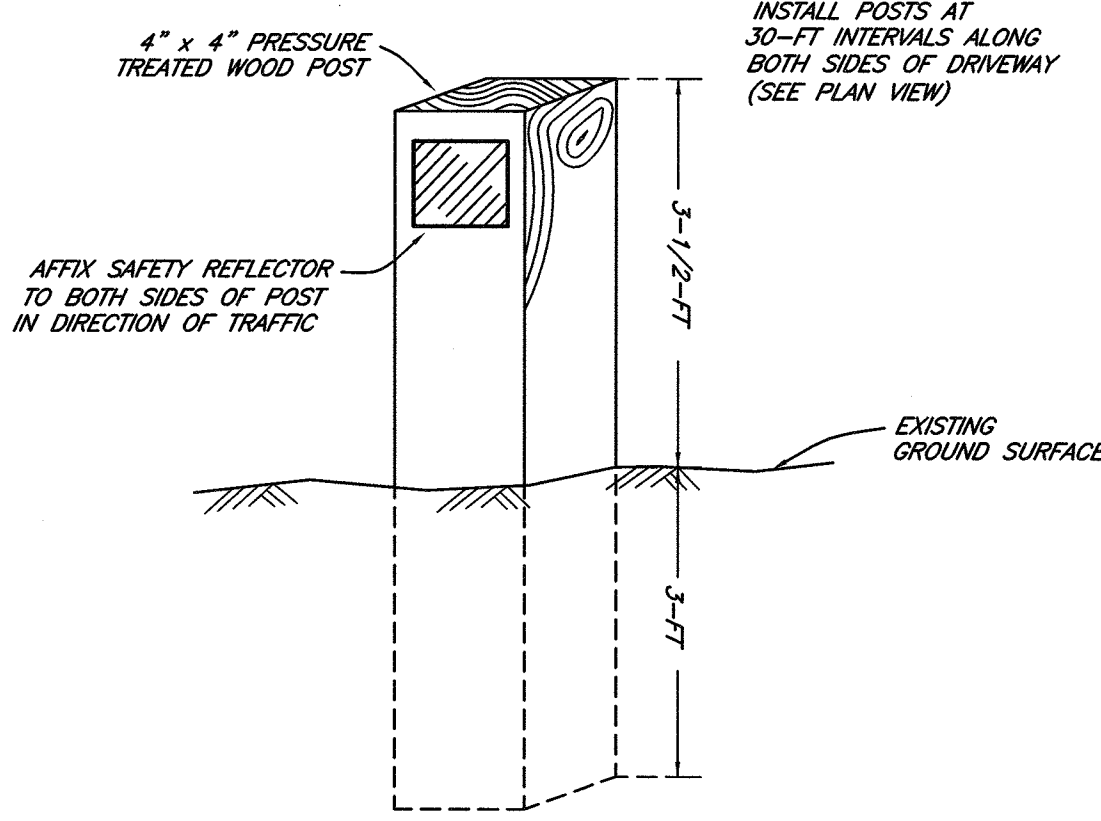
SECTION VIEW  
PROPOSED SMH ON LOT 2 RIM = 107.5±  
FORCEMAIN DETAIL AT DISCHARGE  
MANHOLE ON LOT 2  
NOT TO SCALE



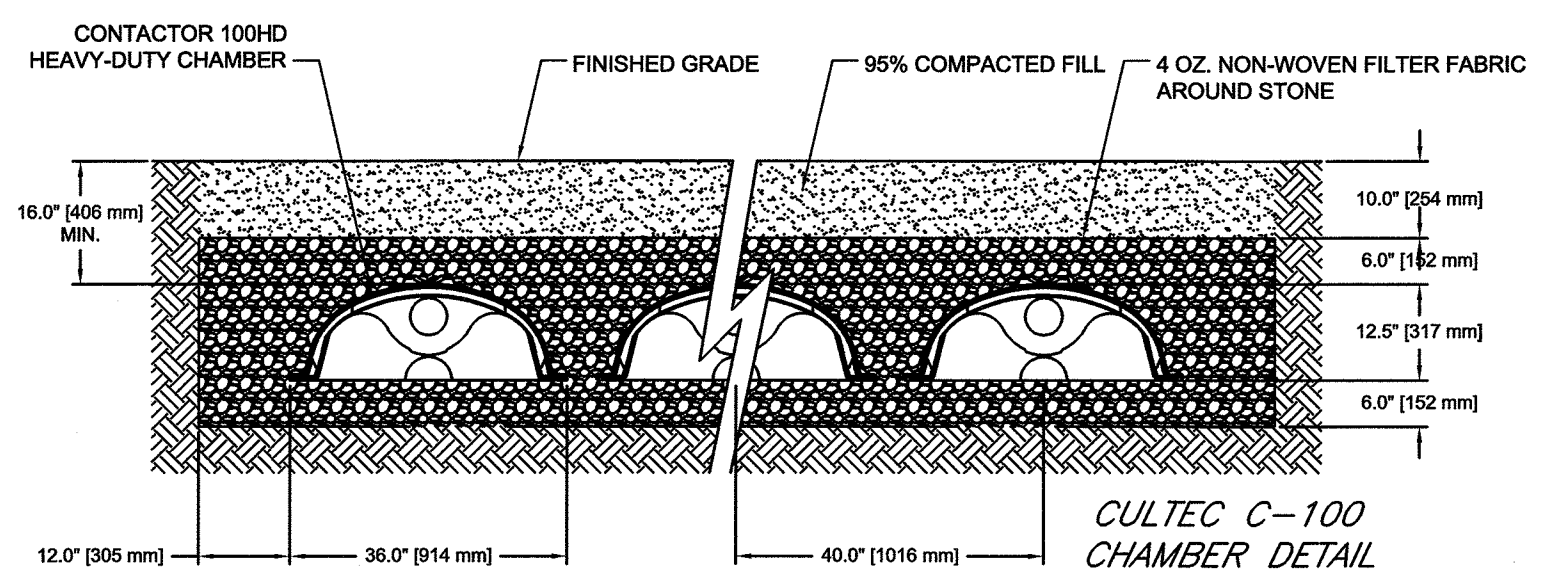
SECTION A-A  
TYPICAL PRECAST SEWER MANHOLE  
NOT TO SCALE

NOTE: WHEREVER FEASIBLE, SEWERS WILL BE LAID AT A MINIMUM OF 10 FEET, HORIZONTALLY, FROM ANY EXISTING OR PROPOSED WATER MAIN. SHOULD LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET TO A WATER MAIN THE SEWER MAIN WILL BE LAID IN A SEPARATE TRENCH AND THE ELEVATION OF THE CROWN OF THE SEWER PLACED AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN. WHENEVER SEWERS MUST CROSS UNDER WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN. WHEN IT IS IMPOSSIBLE TO OBTAIN HORIZONTAL OR VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER MAIN AND SEWER SHOULD BE ENCASED IN CONCRETE FOR 10 FEET EITHER SIDE OF THE CROSSING.

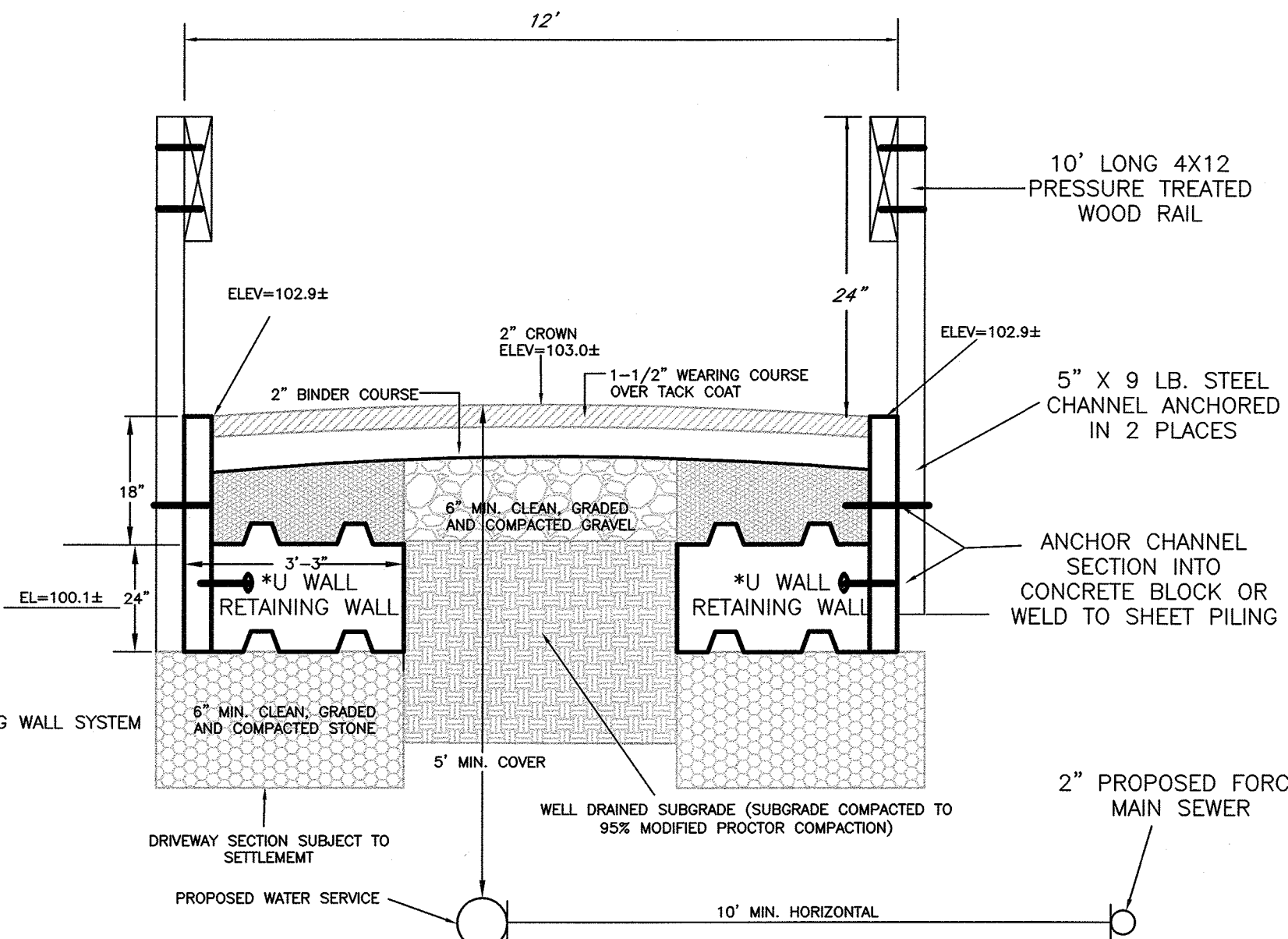
IN LOCATIONS WHERE THE SEWER MAIN DOES NOT HAVE 48\"/>



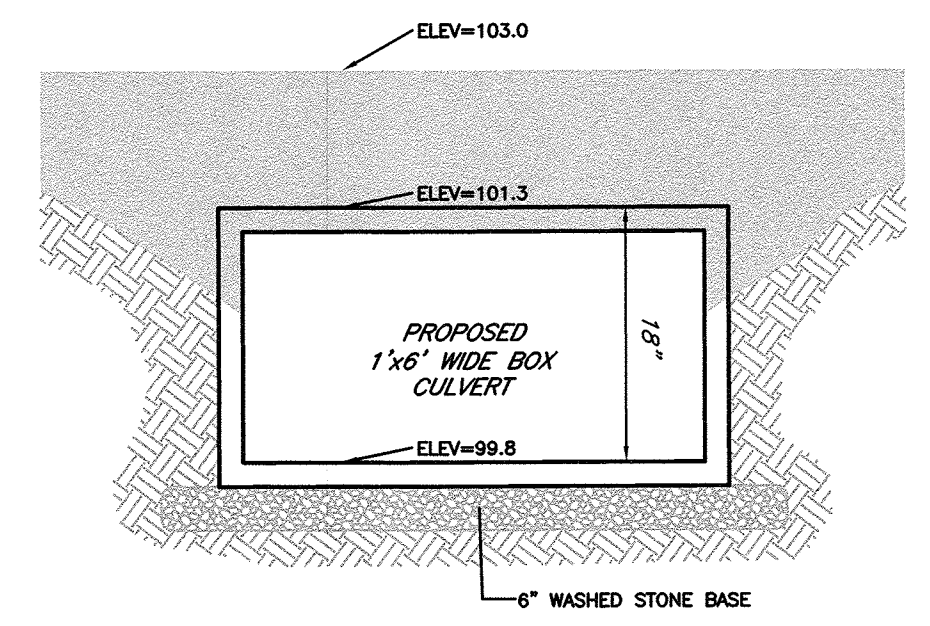
TYPICAL WOOD REFLECTOR POST  
NOT TO SCALE



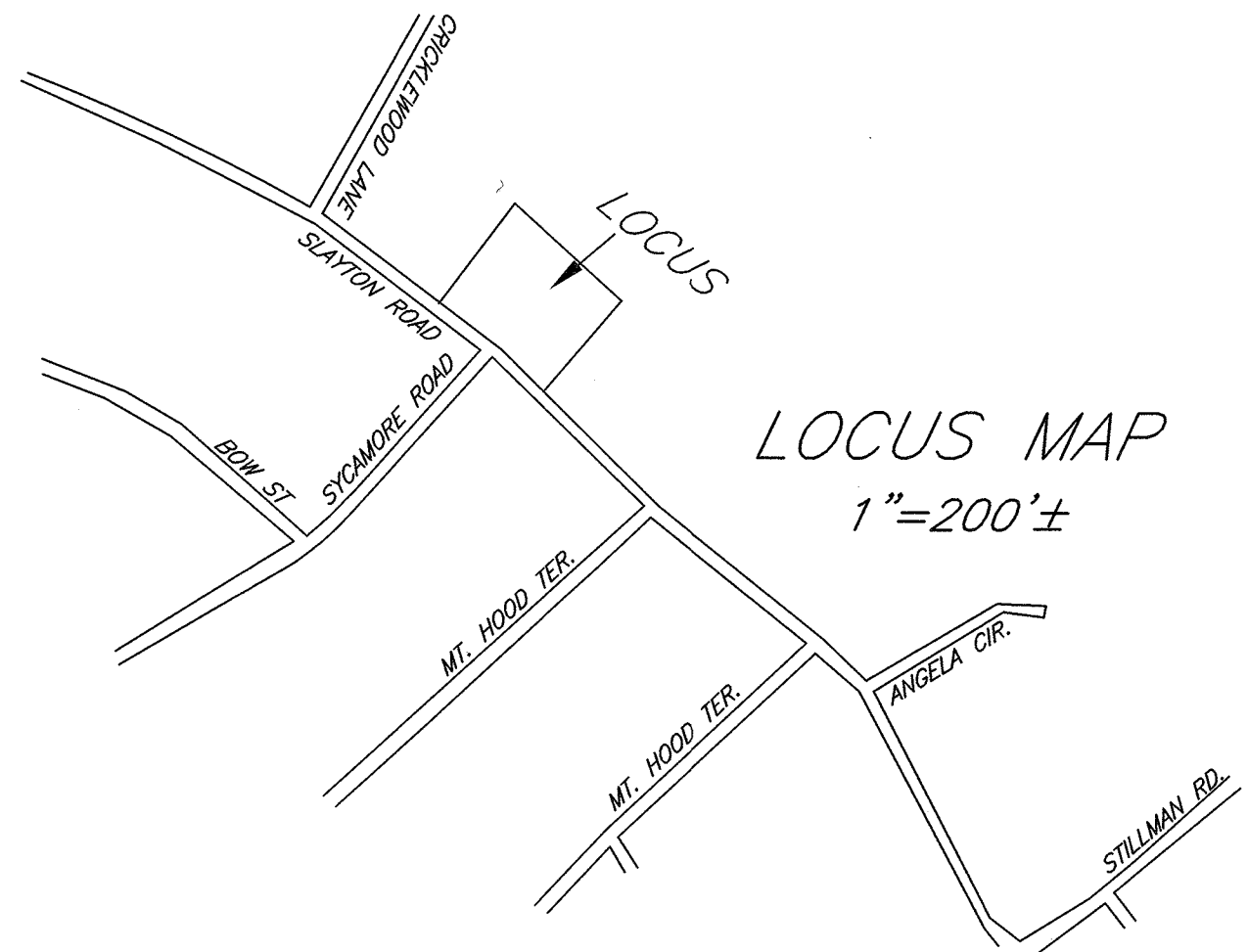
CULTEC C-100  
CHAMBER DETAIL



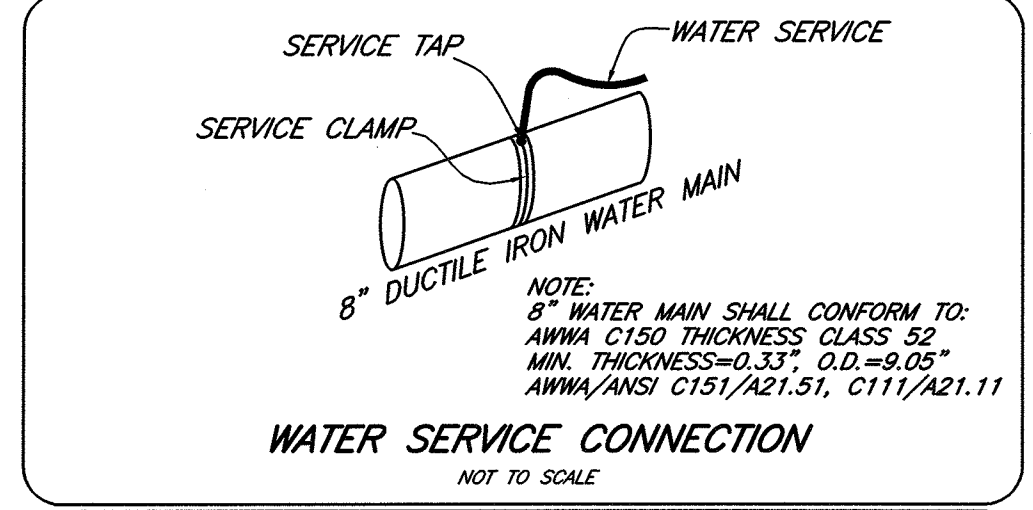
DRIVEWAY CROSS-SECTION (TYP.)  
NOT TO SCALE



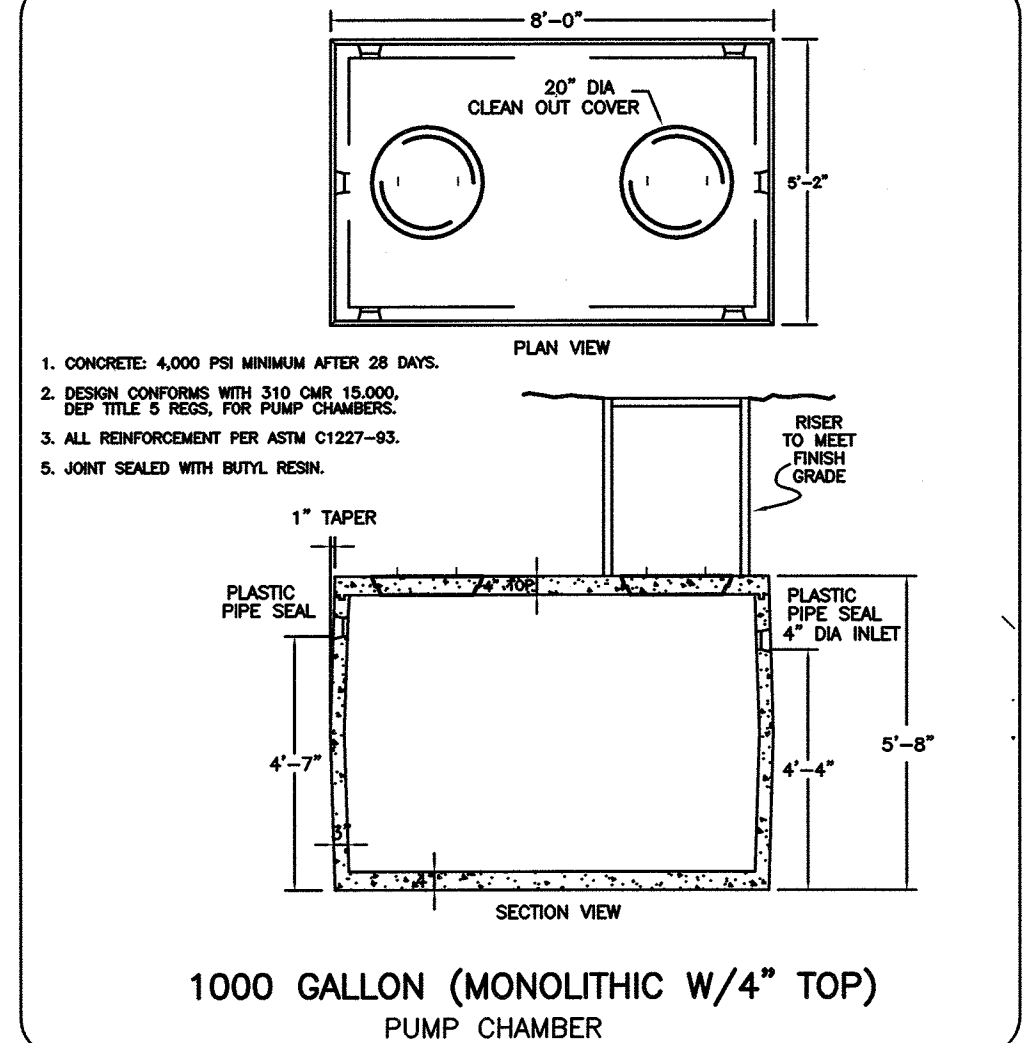
PROPOSED 1'x6\"/>



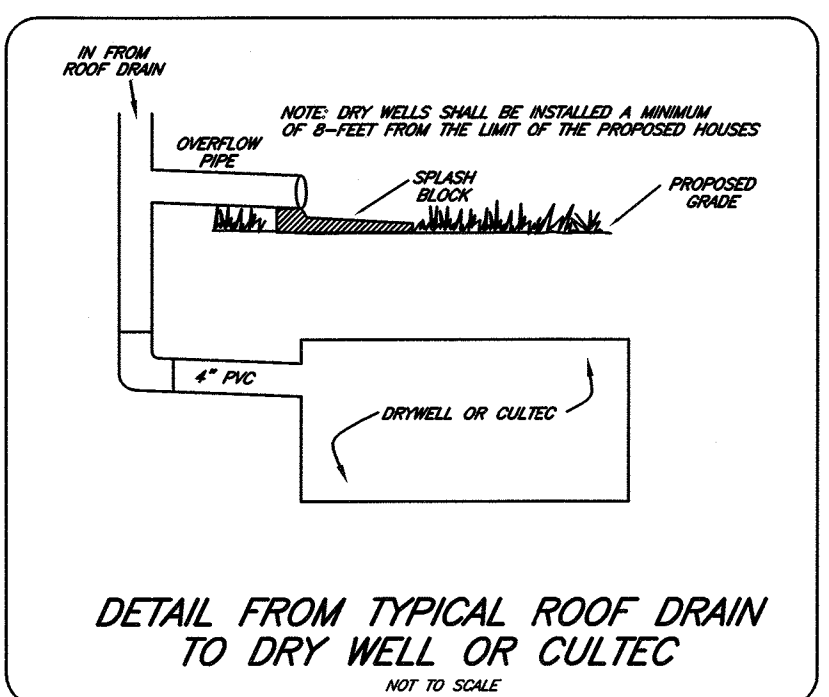
LOCUS MAP  
1\"/>



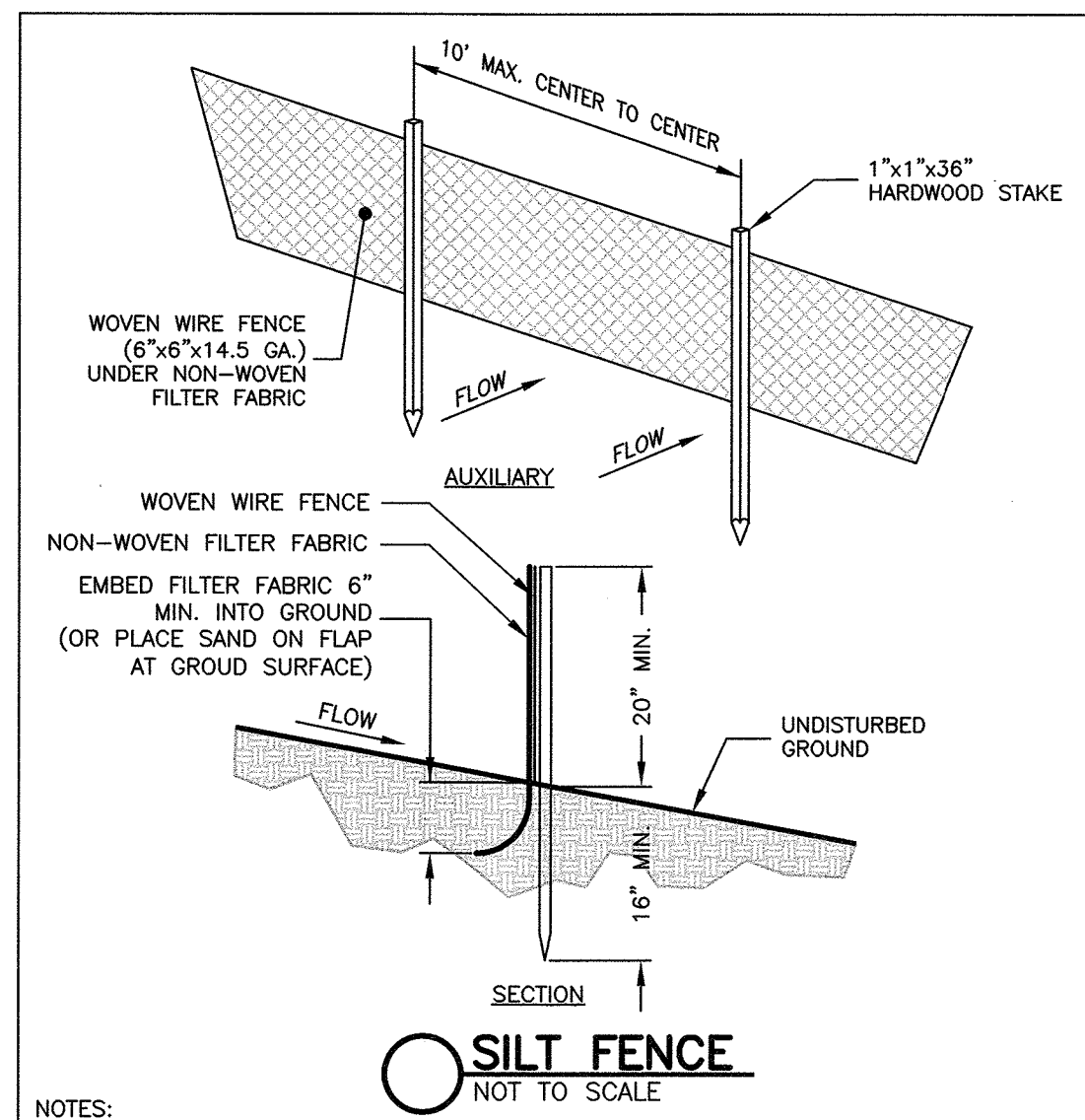
WATER SERVICE CONNECTION  
NOT TO SCALE



1000 GALLON (MONOLITHIC W/4\"/>

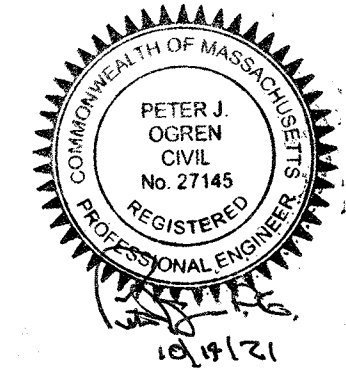


DETAIL FROM TYPICAL ROOF DRAIN  
TO DRY WELL OR CULTEC  
NOT TO SCALE



SILT FENCE  
NOT TO SCALE

NOTES:  
1. WOVEN WIRE FENCE (6\"/>



DETAIL SHEET  
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Scale: 1" = 50'



DECEMBER 3, 2001