

**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**
- SILTATION CONTROL
 - 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 |



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

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

**TOPOGRAPHIC
PLAN OF LAND
IN
MELROSE,
MASS.**

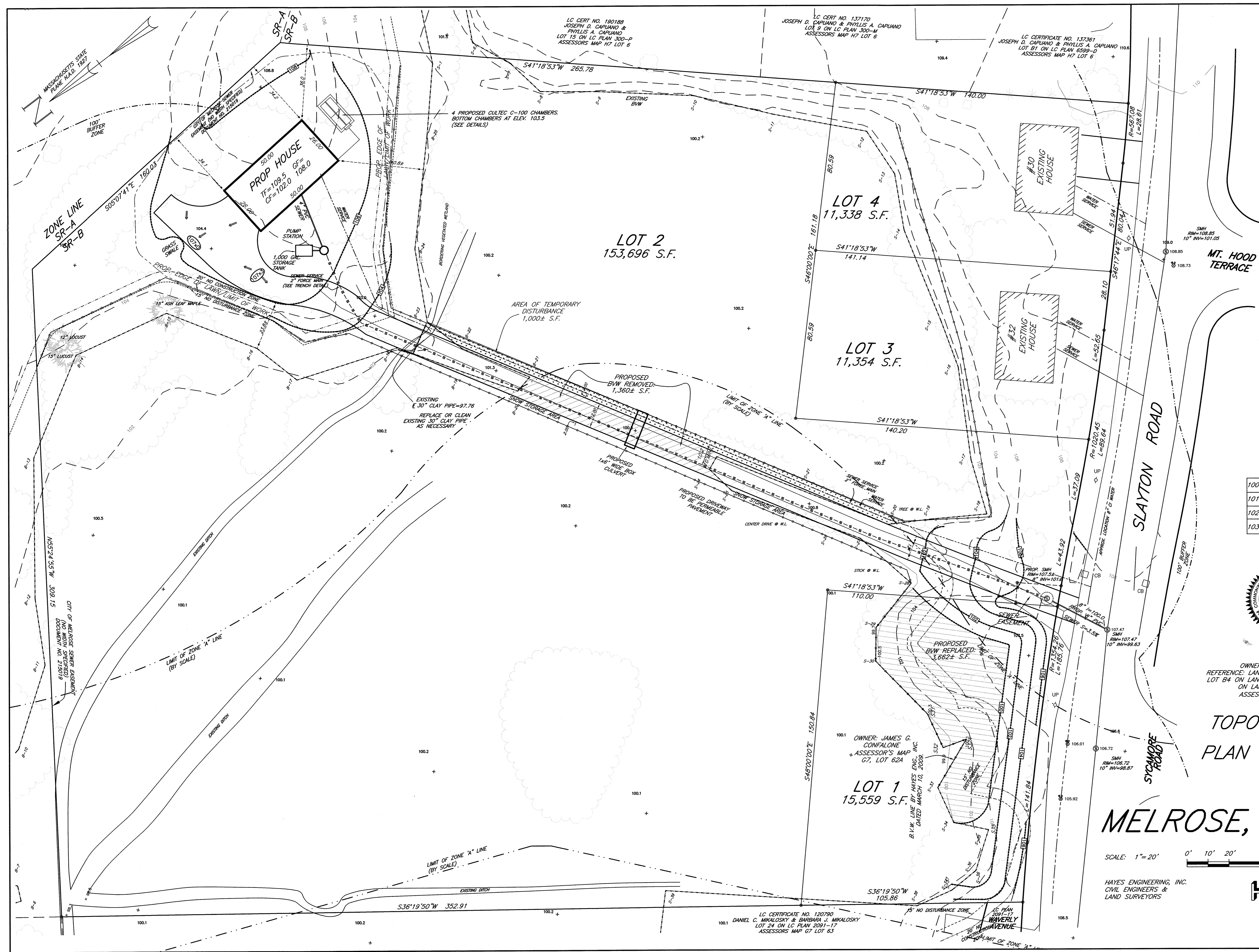
SCALE: 1"=20'

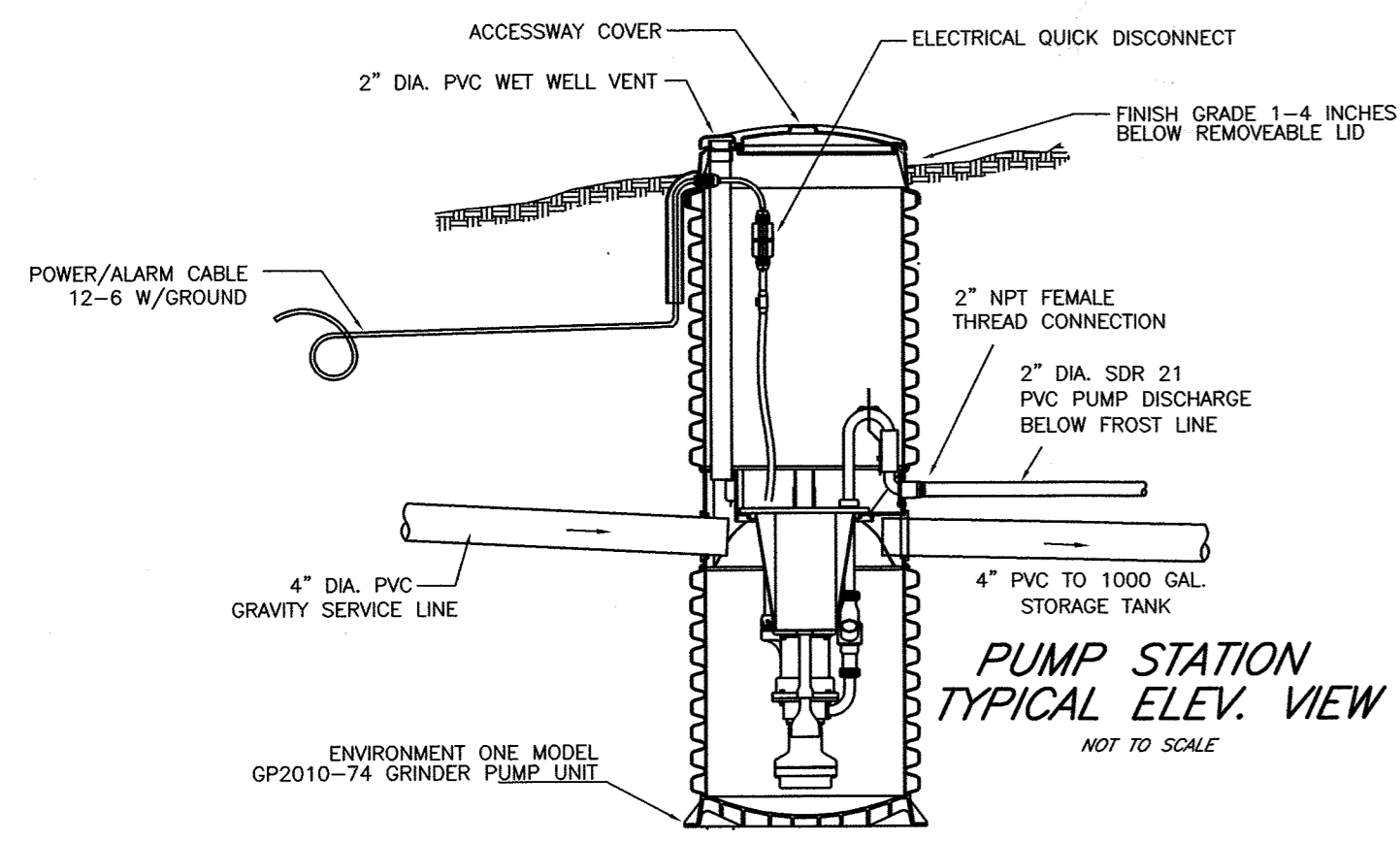
JULY 23, 1997
REV: APRIL 28, 2021

HAYES ENGINEERING, INC.
CIVIL ENGINEERS &
LAND SURVEYORS



603 SALEM STREET
WAKEFIELD, MASS. 01880
TEL. (781) 246-2800

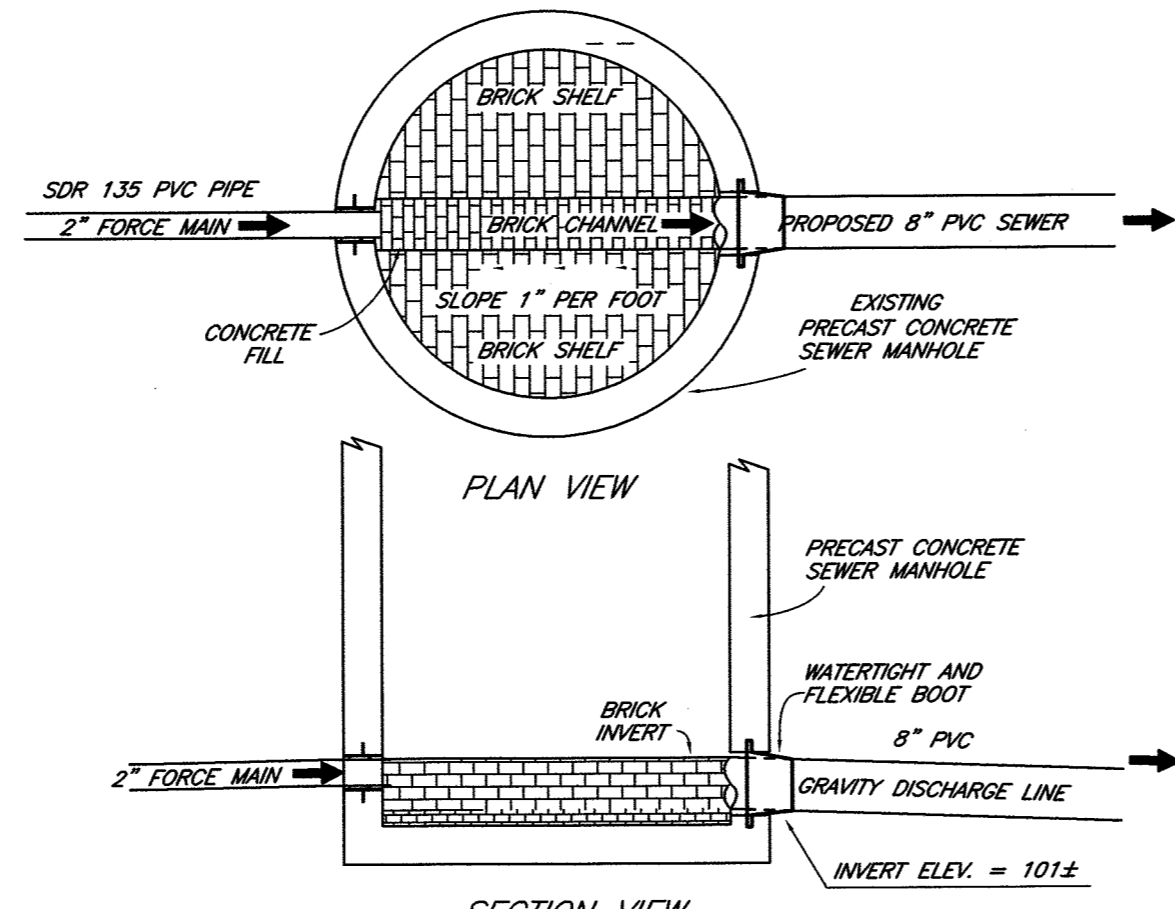




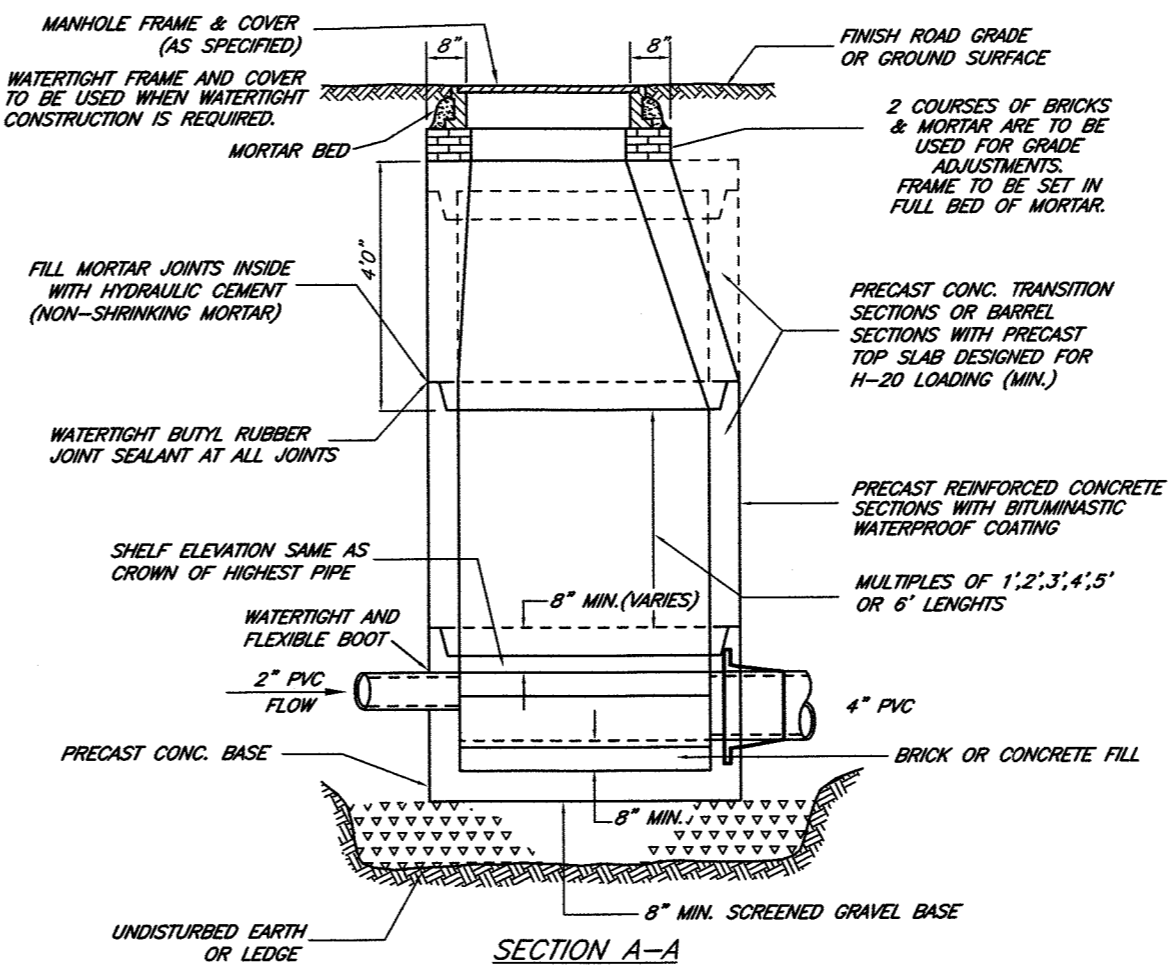
NOTE: ALL GRINDER PUMPS SHALL BE ENVIRONMENT ONE MODEL GP2010 GRINDER PUMPS, 1HP, 1,725 RPM, 120/240V/60Hz, ONE PHASE, AS MANUFACTURED BY ENVIRONMENT ONE CORPORATION OF SCHENECTADY, NY.

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.

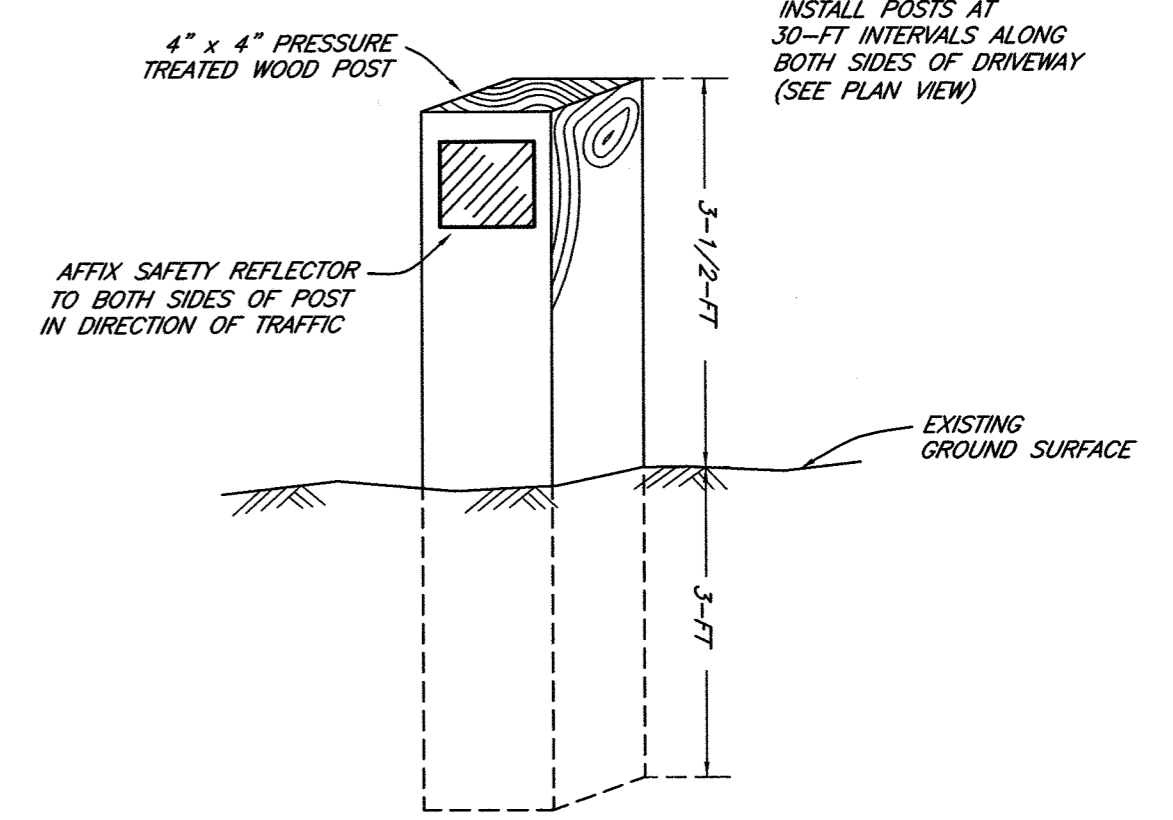
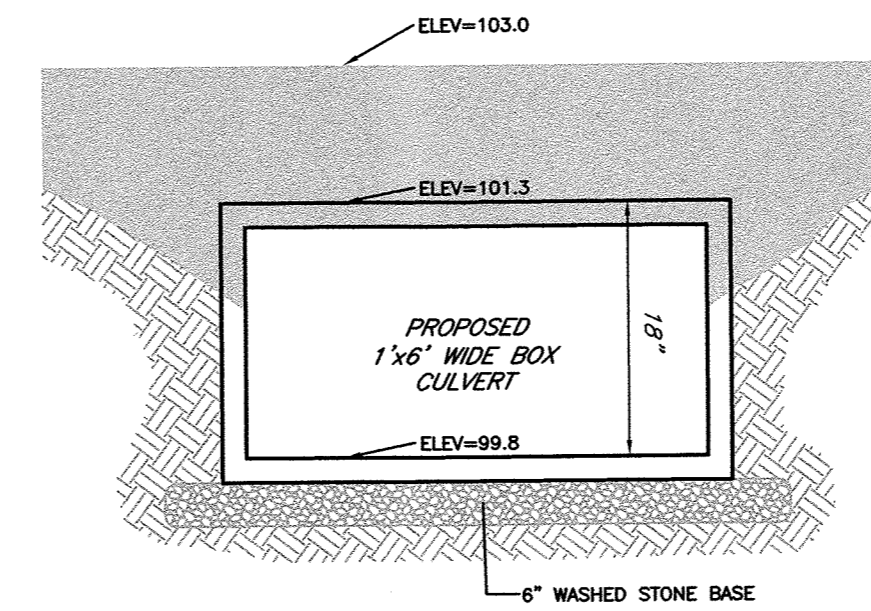


SECTION VIEW
PROPOSED SMH ON LOT 2 RIM = 107.5±
FORCEMAIN DETAIL AT DISCHARGE
MANHOLE ON LOT 2
NOT TO SCALE

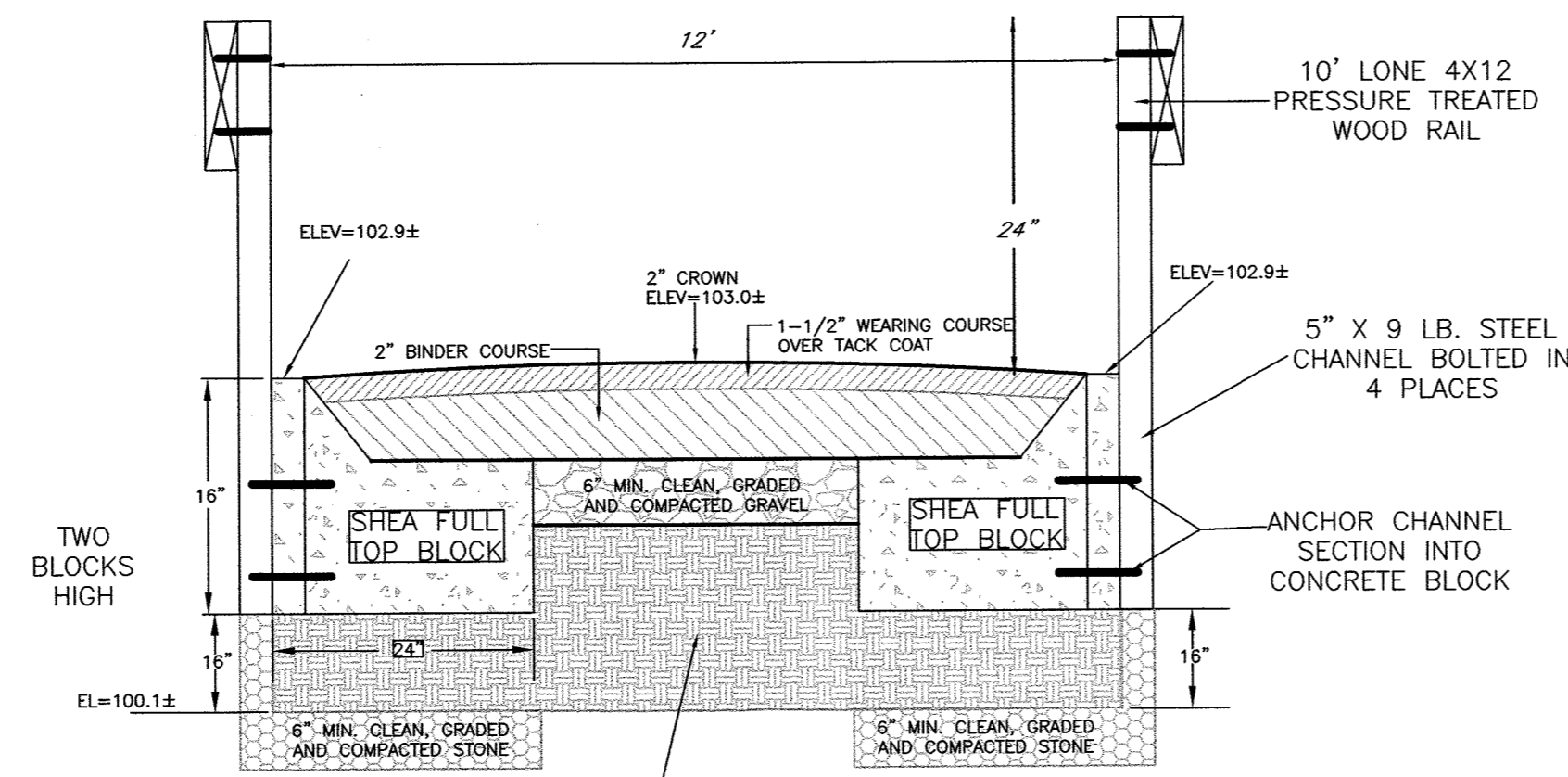
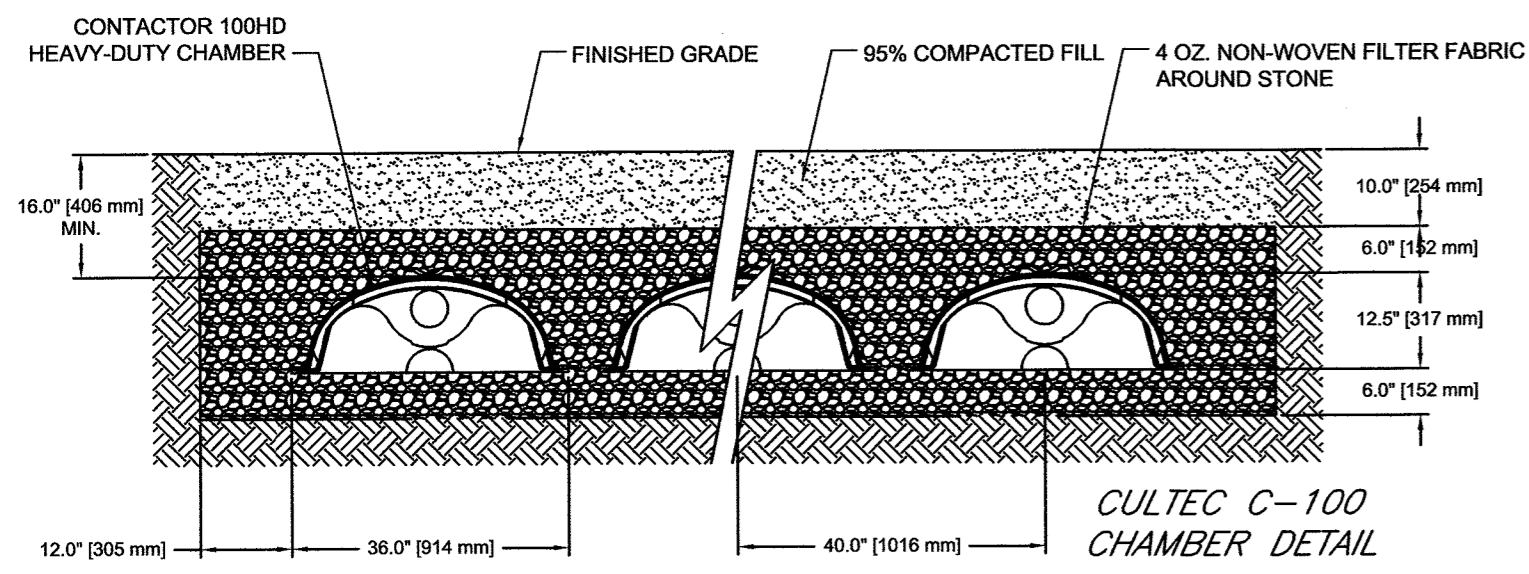


NOTE: WHEREVER FEASIBLE, SEWERS WILL BE LAID AT A MINIMUM OF 10 FEET, HORIZONTALLY, FROM ANY EXISTING OR PROPOSED WATER MAIN. SHOULD LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET TO A WATER MAIN THE SEWER MAIN WILL BE LAID IN A SEPARATE TRENCH AND THE ELEVATION OF THE CROWN OF THE SEWER PLACED 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" OF COVER THE MAIN WILL BE INSULATED.

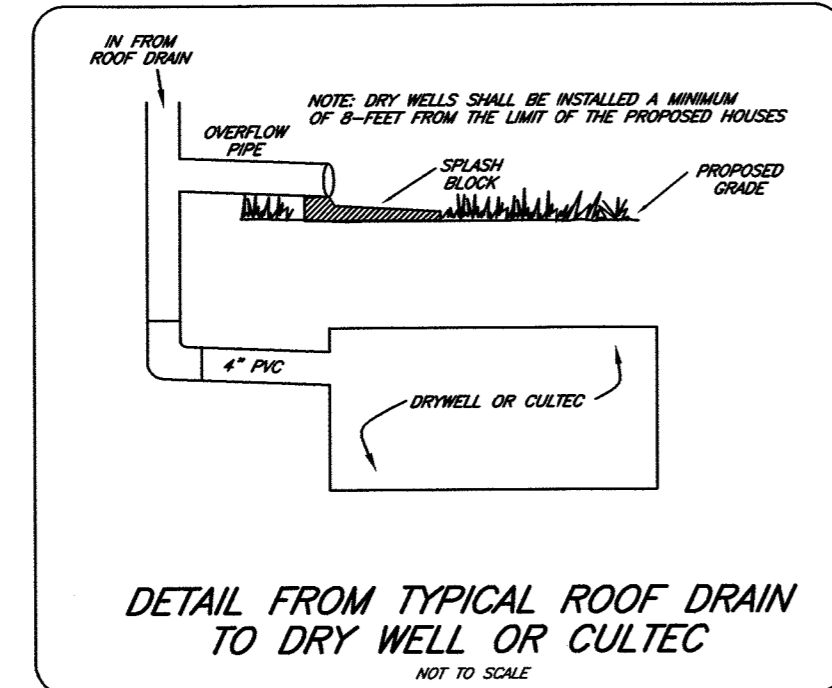
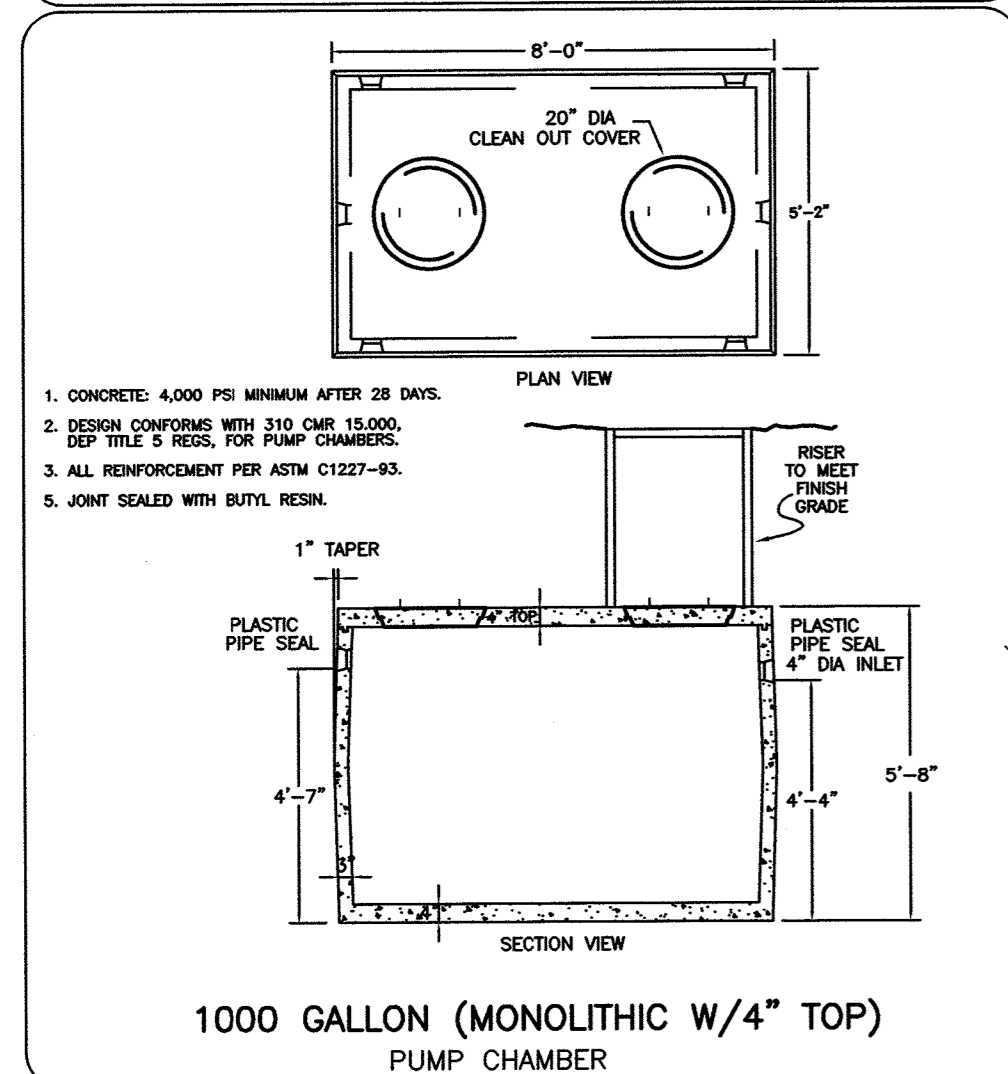
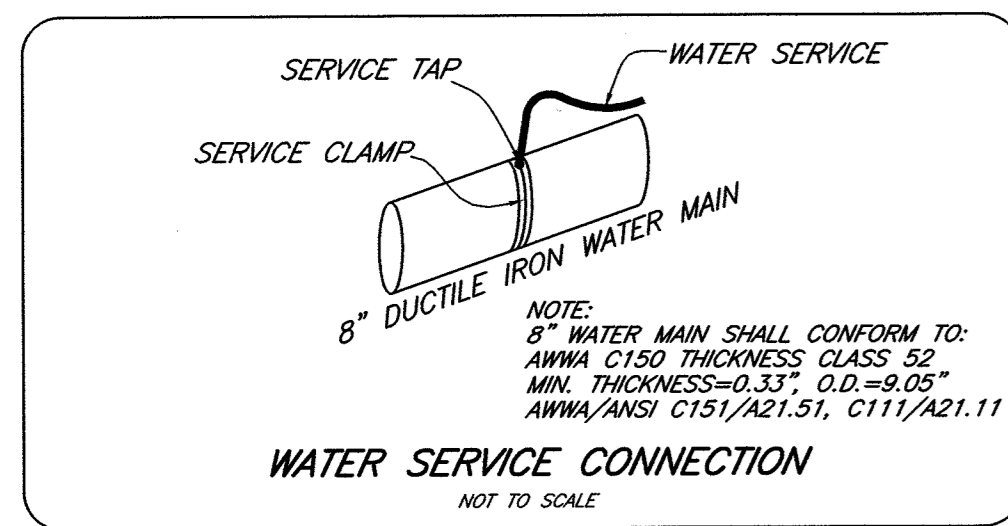
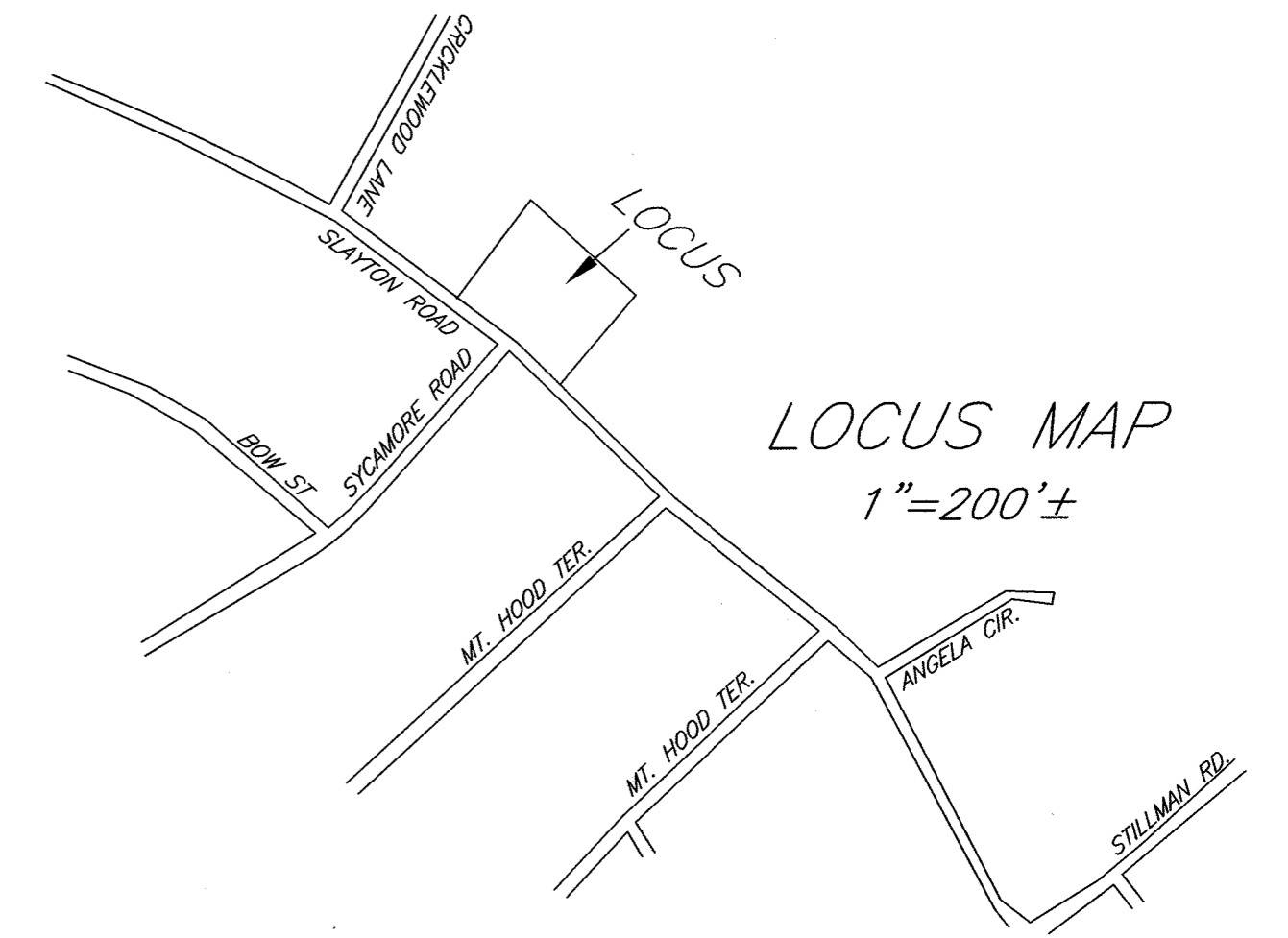


TYPICAL WOOD REFLECTOR POST
NOT TO SCALE

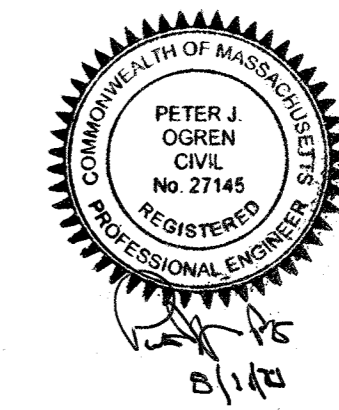


WELL DRAINED SUBGRADE (SUBGRADE COMPACTED TO 95% MODIFIED PROCTOR COMPACTION)
NOTE: THIS PAVEMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS. ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA.

DRIVEWAY CROSS-SECTION (TYP.)
NOT TO SCALE



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



DETAIL SHEET
IN

MELROSE, MASS.

REVISIONS

| |
|----------|
| 1-11-01 |
| 5-17-01 |
| 12-03-01 |
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| 04-28-21 |
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SCALE: 1"=AS NOTED 0' 20' 40' 80' 120' 160'

HAYES ENGINEERING, INC.
CIVIL ENGINEERS &
LAND SURVEYORS



DECEMBER 3, 2001
REV. JAN. 3, 2002
REV. JAN. 25, 2010
REV. APRIL 28, 2021
603 SALEM STREET
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