







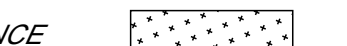



**ZONING DISTRICT: SR-B  
SUBURBAN RESIDENCE**

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 
  - 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

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 OF LAND  
IN**

**MELROSE, MASS.**

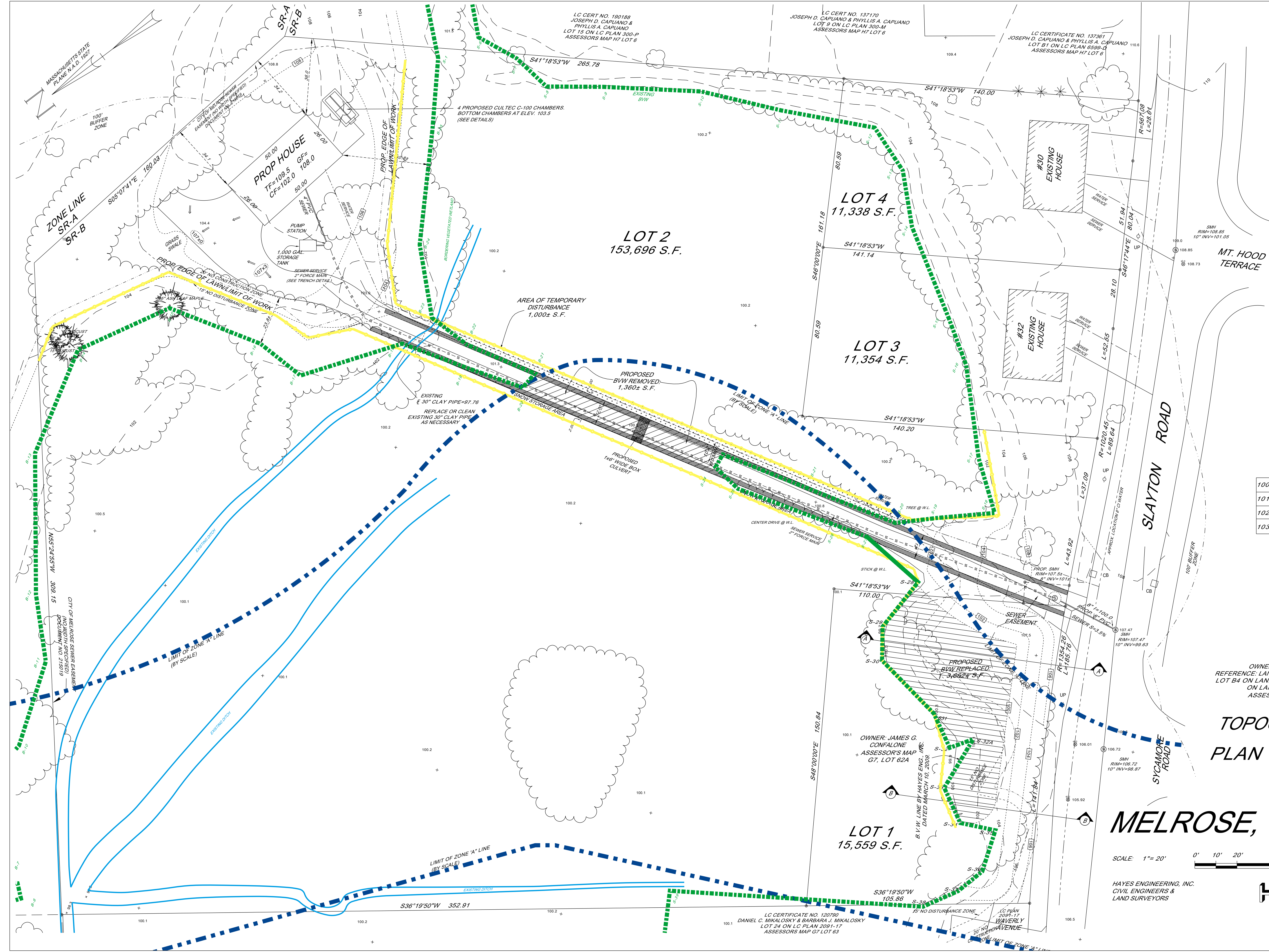
SCALE: 1" = 20'  
0' 10' 20' 40' 60' 80'

HAYES ENGINEERING, INC.  
CIVIL ENGINEERS &  
LAND SURVEYORS



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

**SHEET 1 OF 2**



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

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MINIMUM LOT FRONTAGE AND WIDTH = 80 FEET  
MINIMUM LOT DEPTH = 90 FEET

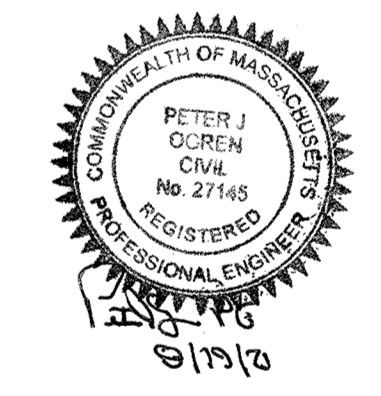
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PLAN OF LAND  
IN  
MELROSE,  
MASS.**

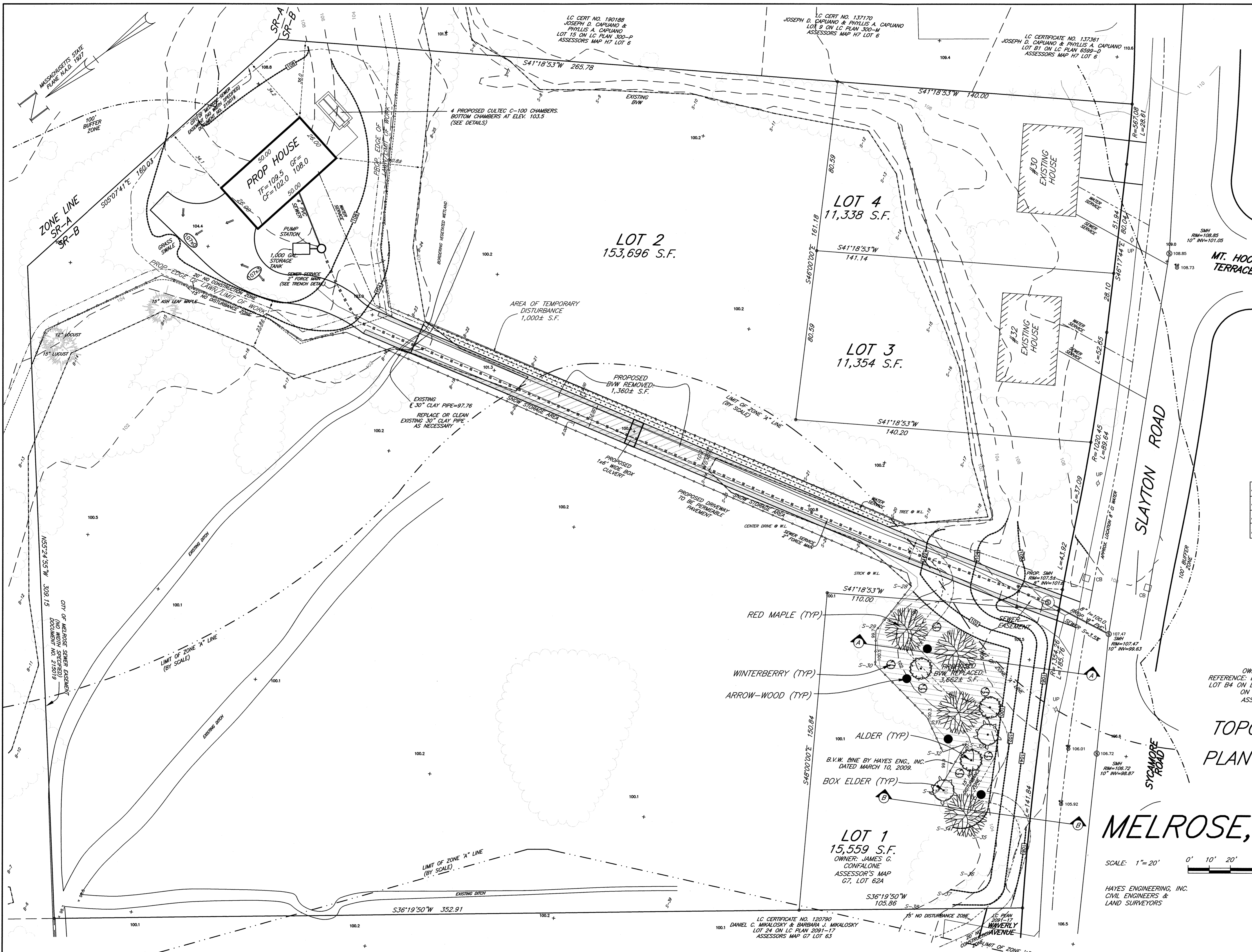
SCALE: 1" = 20'

JULY 23, 1997  
REV: APRIL 28, 2021

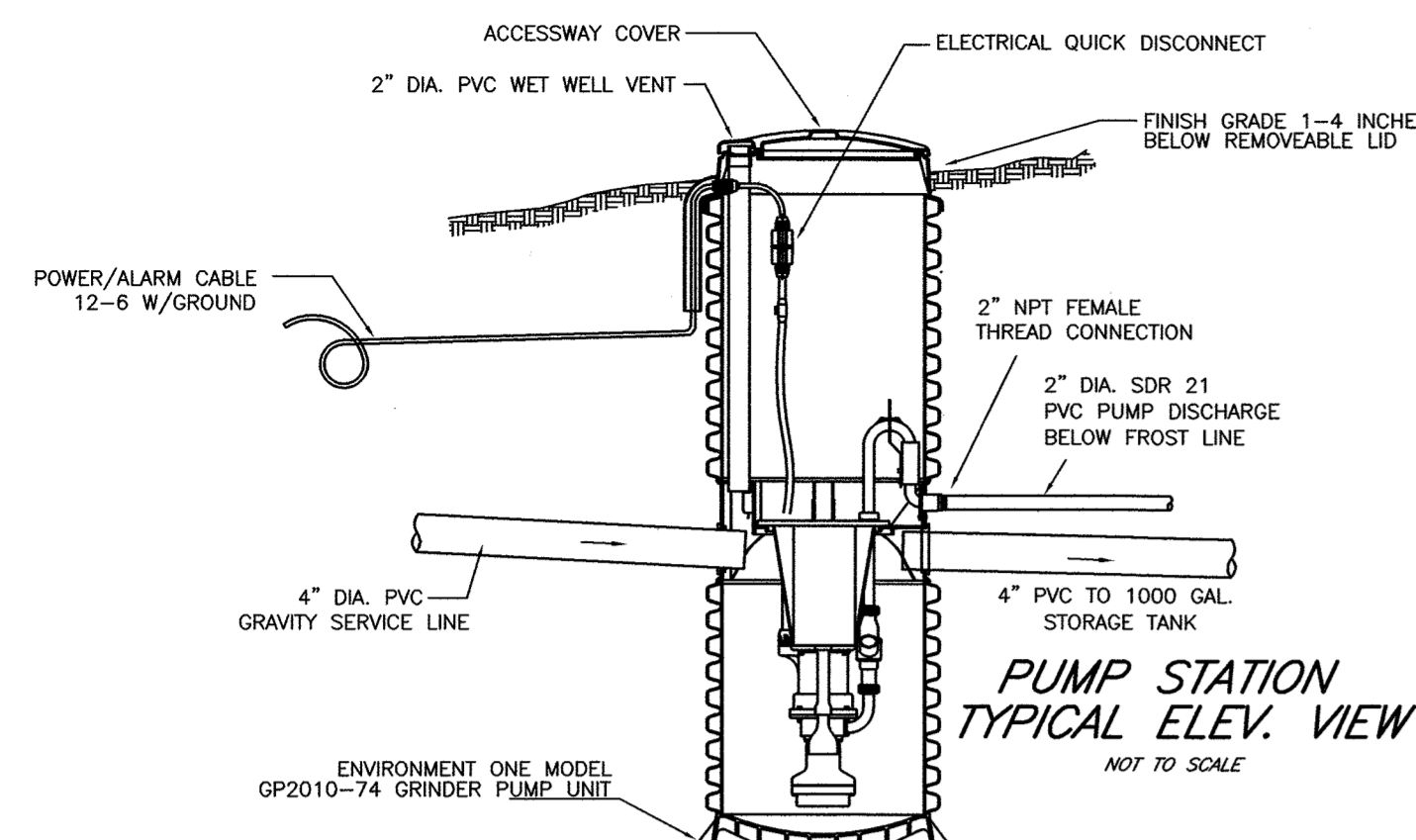
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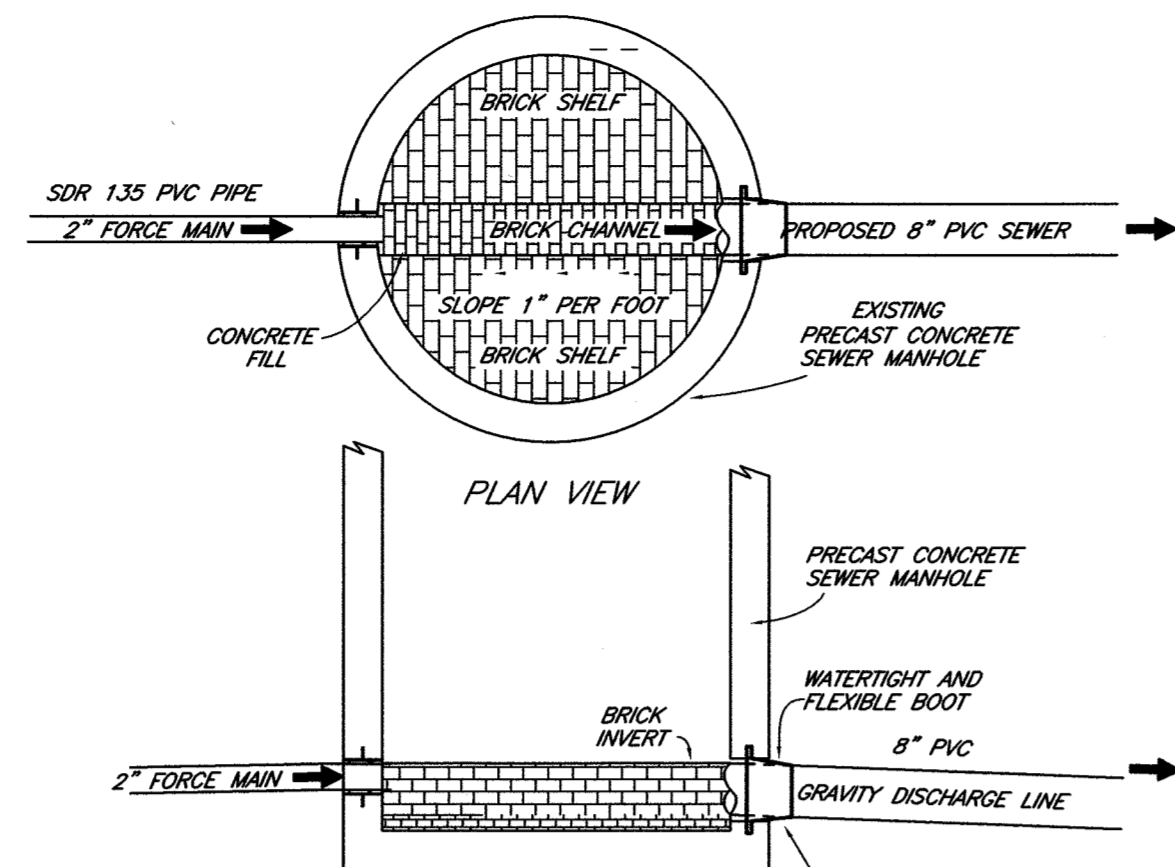
M:\MELROSE\NLD\_02.dwg - 8/19/2021 10:55:01 AM, WGR



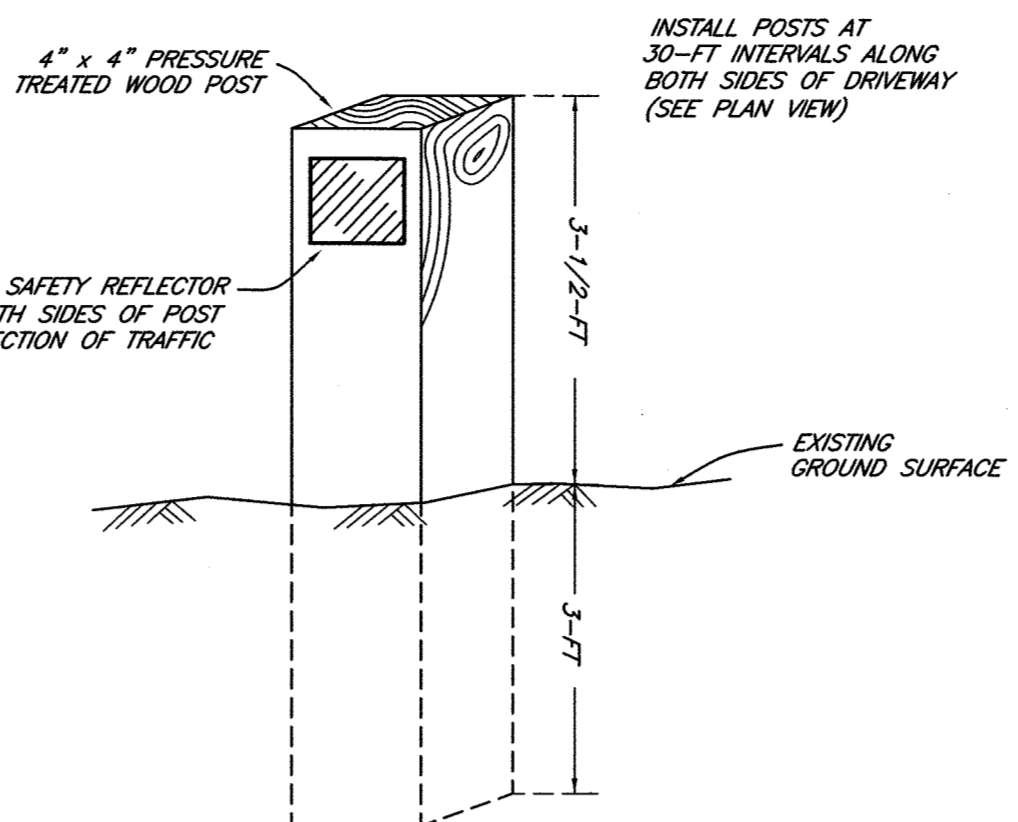
NOTE: ALL GRINDER PUMPS SHALL BE ENVIRONMENT ONE MODEL GP2010 GRINDER PUMPS, 1HP, 1,725 RPM, 120/240V/50HZ, ONE PHASE, AS MANUFACTURED BY ENVIRONMENT ONE CORPORATION OF SCHECTOPE, NY.

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

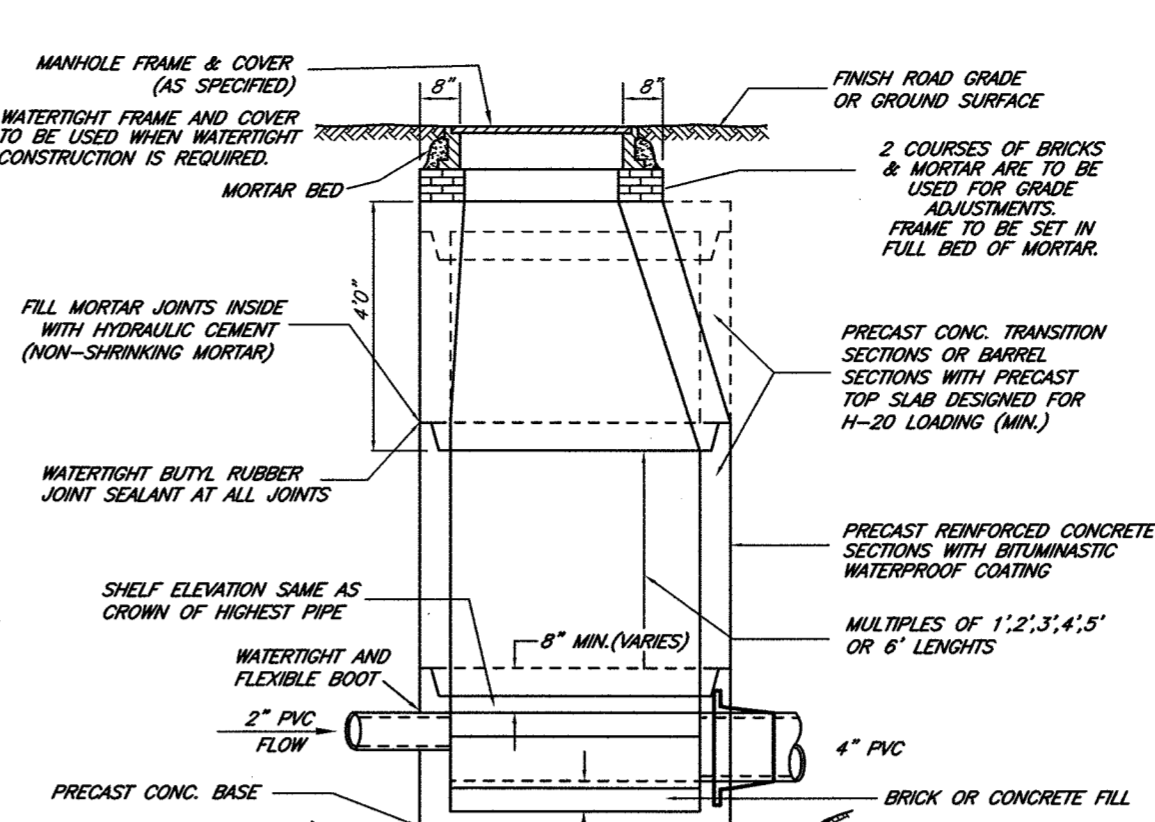
DISCONNECT AND ALARM PANEL SHALL BE RAIN PROOF (NEMA 3R) ENCLOSURE, EQUIPPED WITH CIRCUIT BREAKERS OR DISCONNECT SWITCH, PANEL AND AUDIO/VISUAL ALARM DEVICES SHALL BE LOCATED NEXT TO THE ELECTRIC PANEL OF THAT PARTICULAR DWELLING.



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



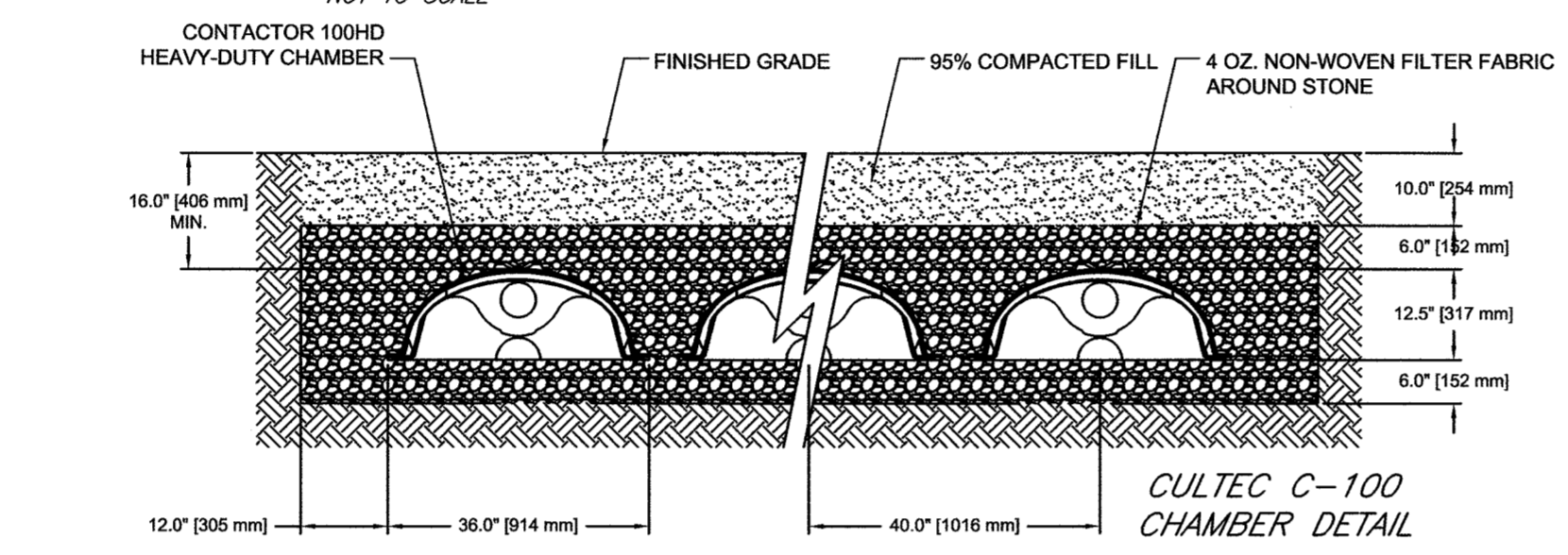
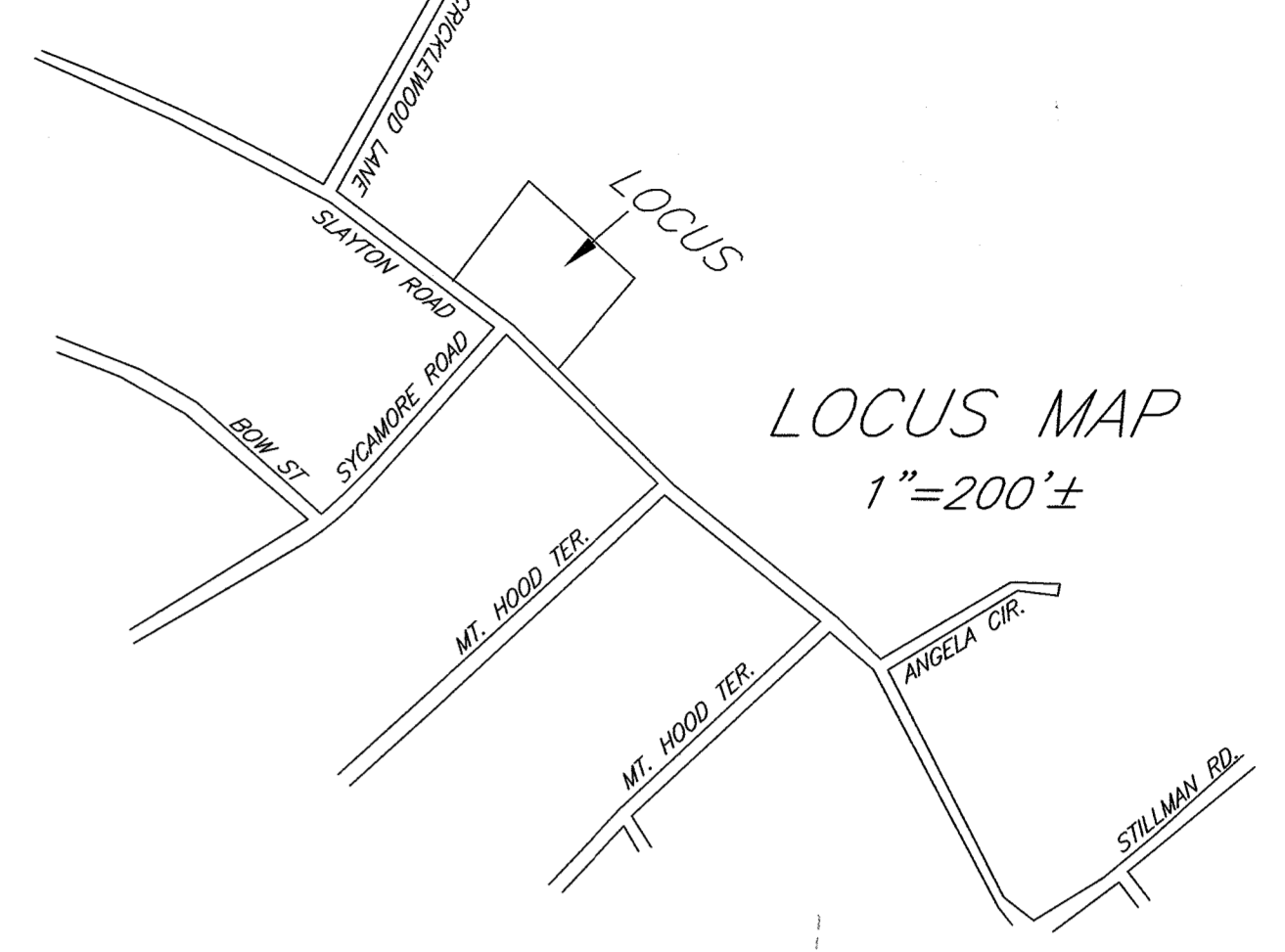
TYPICAL WOOD REFLECTOR POST  
NOT TO SCALE



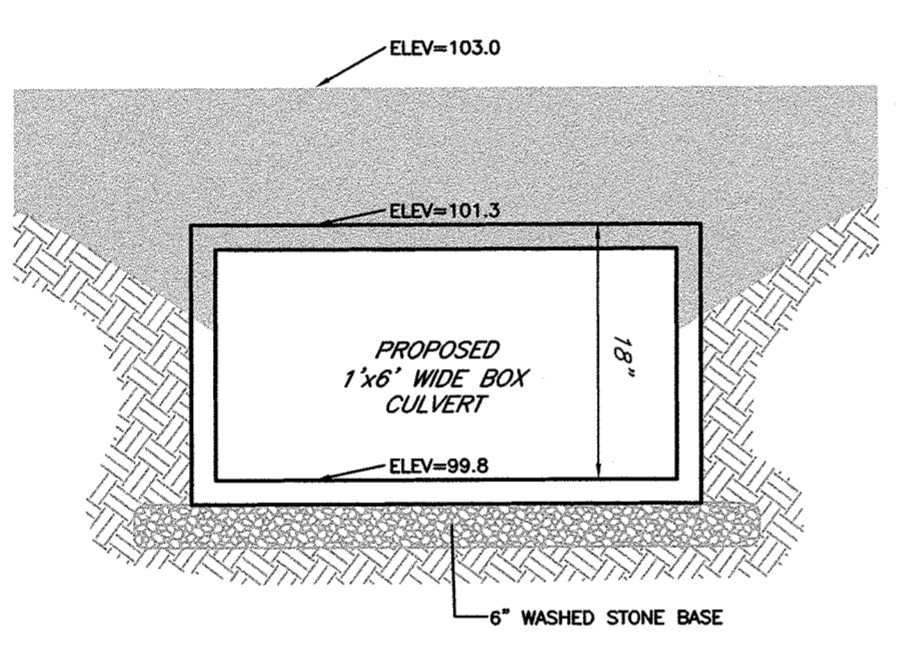
TYPICAL PRECAST SEWER MANHOLE  
NOT TO SCALE

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.

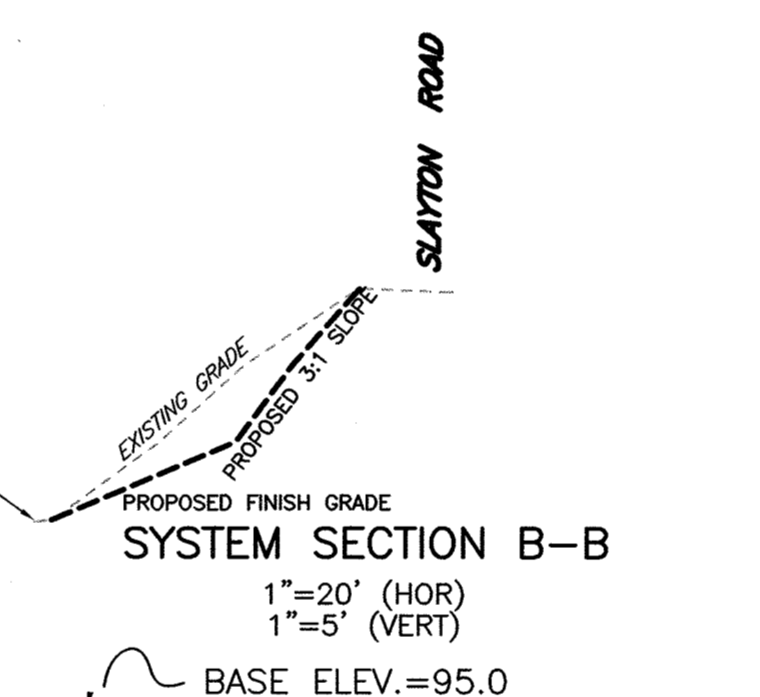
IN LOCATIONS WHERE THE SEWER MAIN DOES NOT HAVE 48" OF COVER THE MAIN WILL BE INSULATED.



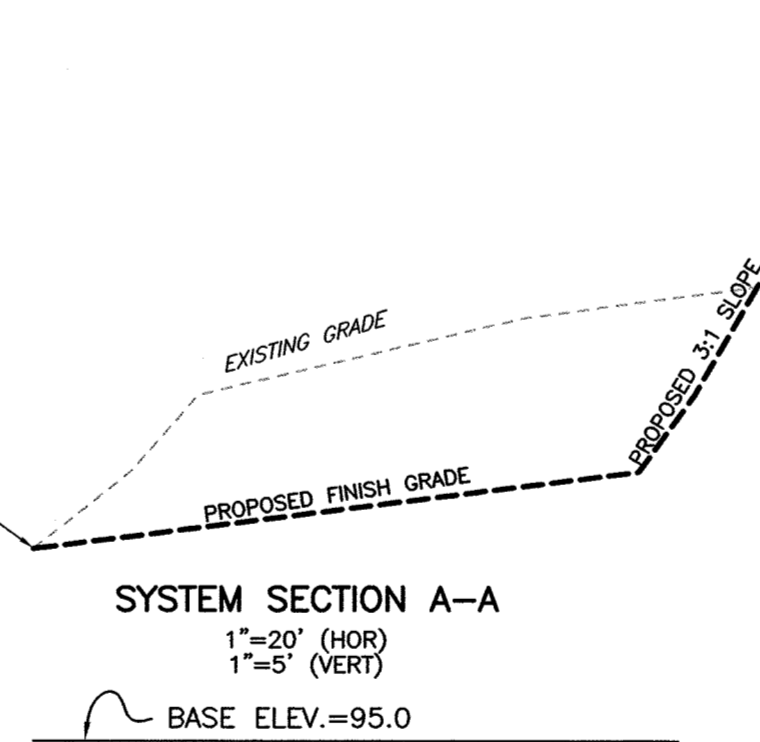
CULTEC C-100 CHAMBER DETAIL



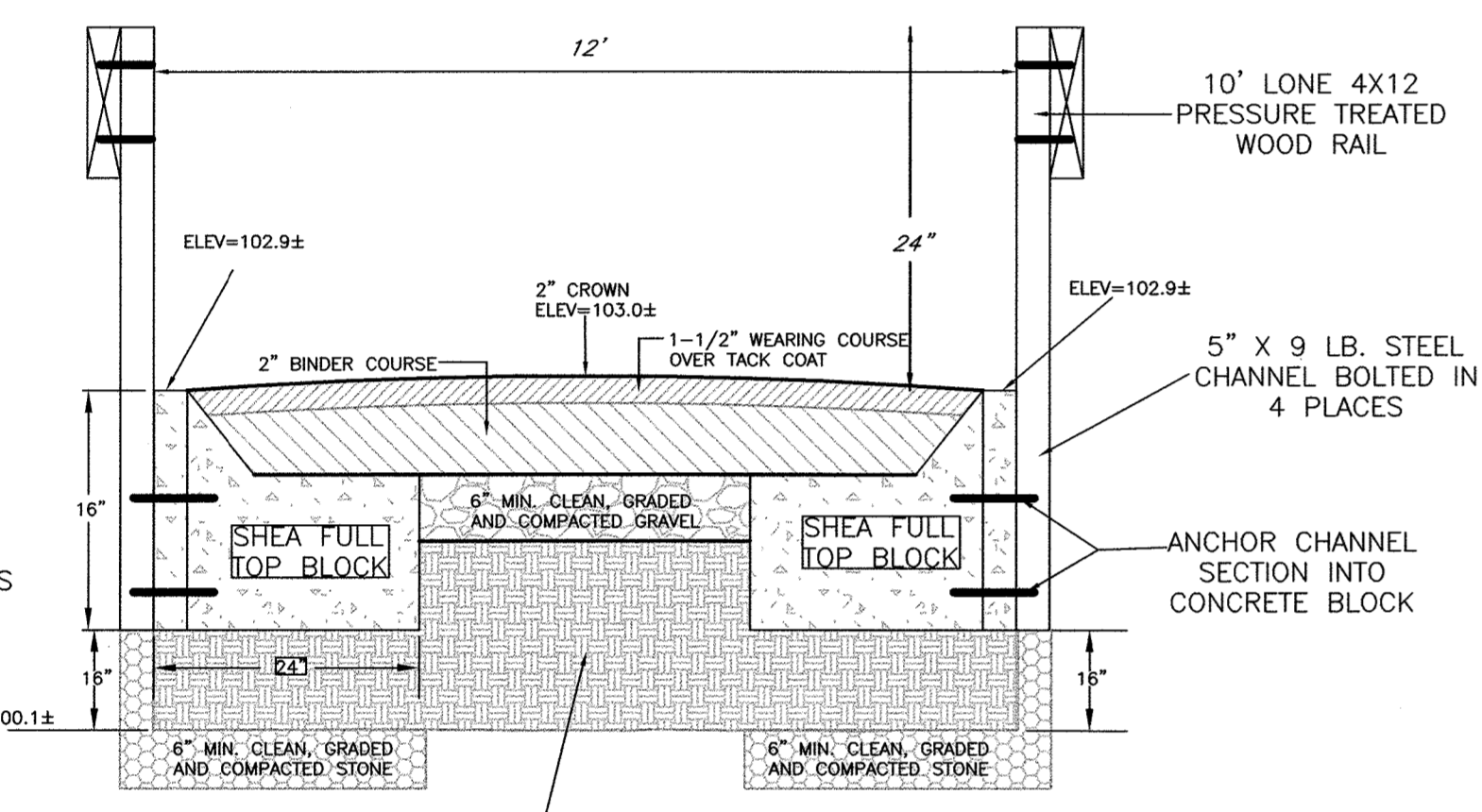
PROPOSED 1'x8' WIDE BOX CULVERT



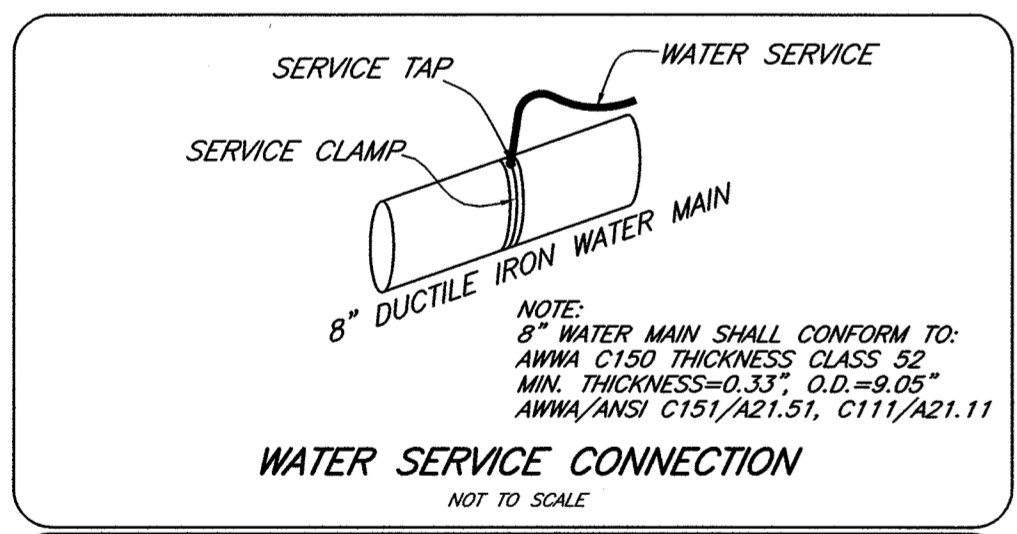
SYSTEM SECTION B-B  
1"=20' (HOR)  
1"=5' (VERT)  
BASE ELEV.=95.0



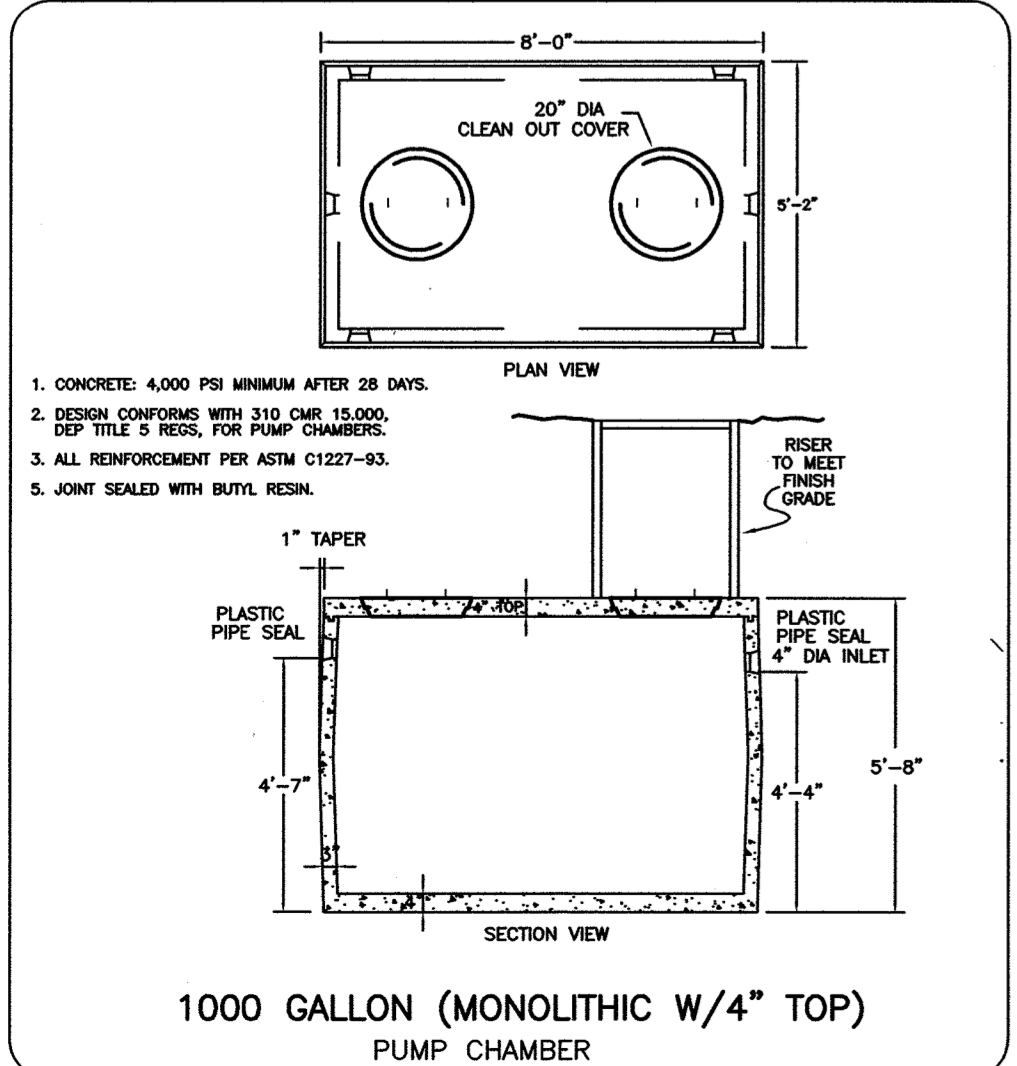
SYSTEM SECTION A-A  
1"=20' (HOR)  
1"=5' (VERT)  
BASE ELEV.=95.0



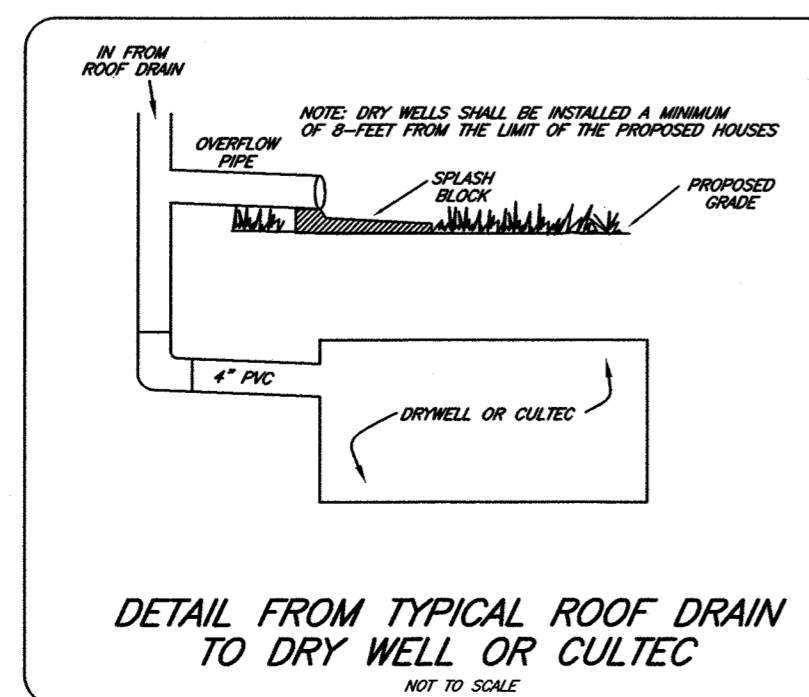
DRIVEWAY CROSS-SECTION (TYP.)  
NOT TO SCALE



WATER SERVICE CONNECTION  
NOT TO SCALE



1000 GALLON (MONOLITHIC W/4" TOP)  
PUMP CHAMBER



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

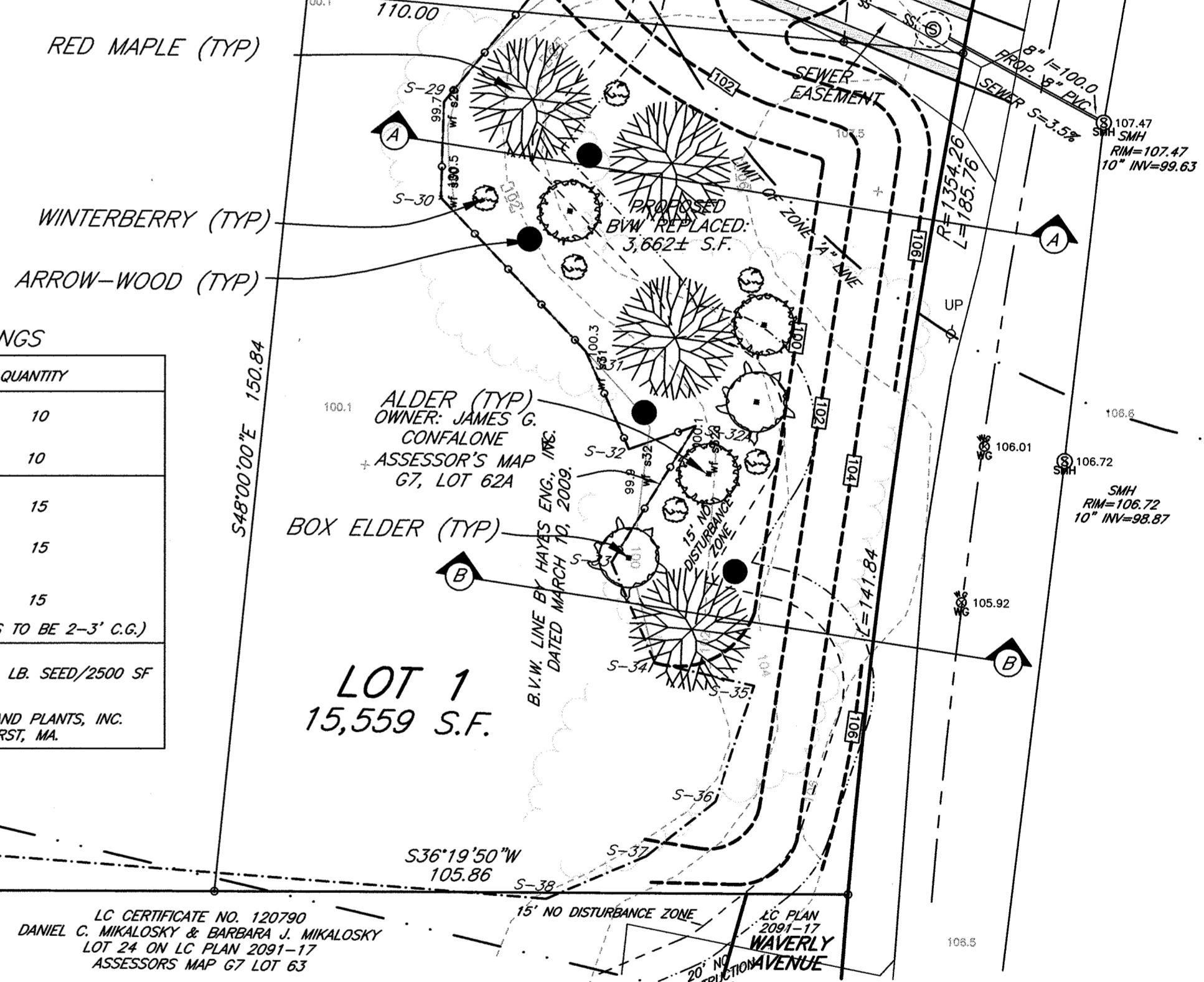
PROPOSED PLANTINGS

SPECIES	QUANTITY
RED MAPLE (ACER RUBRUM)	10
BOX ELDER (ACER RUBRUM)	10
ARROW-WOOD (VIBURNUM DENTATUM)	15
ALDER (ALNUS SERRULATA)	15
WINTERBERRY (LLEX VERTICILLATA)	15

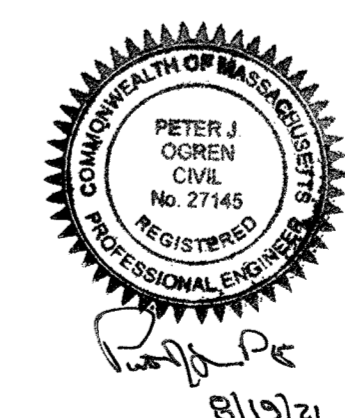
(ALL SHRUBS TO BE 2'-3' C.G.)

1 LB. SEED/2500 SF

NEW ENGLAND WET MIX SEED PRODUCT OR EQUIVALENT FROM NEW ENGLAND WETLAND PLANTS, INC. 820 WEST ST. AMHERST, MA.



PLANTING PLAN  
1"=20' (HOR)



DETAIL SHEET  
IN

MELROSE, MASS.

SCALE: 1"=AS NOTED 0' 20' 40' 80' 120' 160'

REVISIONS:  
1-11-01  
5-17-01  
12-03-01  
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01-25-10  
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08-19-21

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