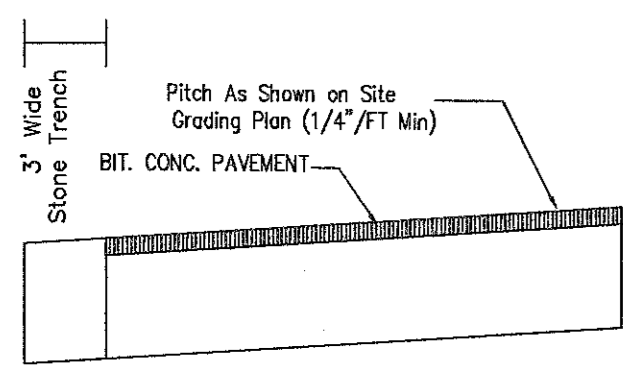
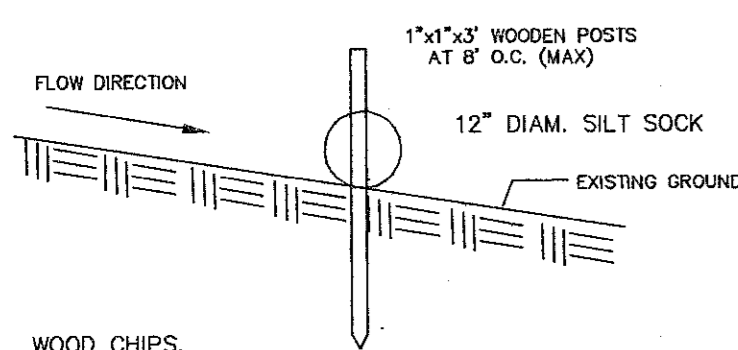


TYPICAL CROSS SECTION  
PROPOSED DRIVEWAY  
no scale

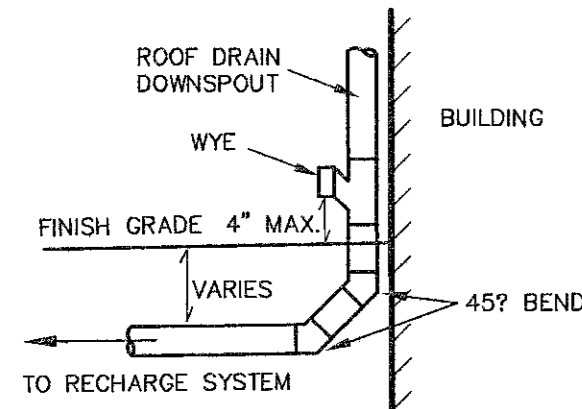


DETAIL  
SILT SOCK FOR EROSION CONTROL

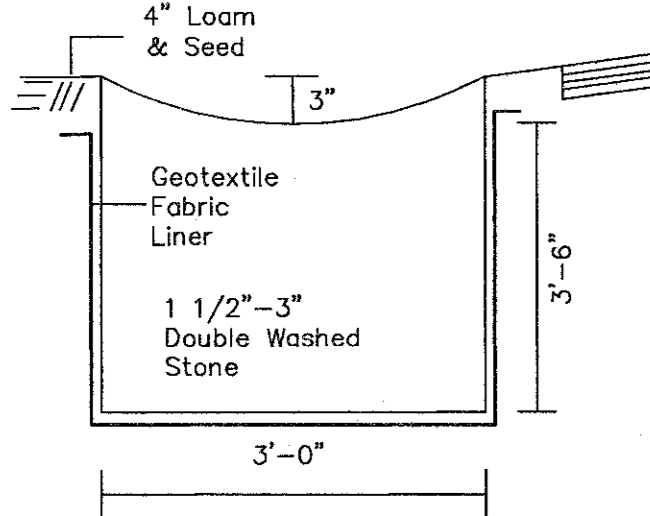


WOOD CHIPS.  
UPSTREAM CONTRIBUTORY AREA SHALL NOT EXCEED .25 AC. PER 100 LF OF SOCK FOR 12" DIAM. SILT SOCK SHALL BE FILLED WITH A MIX OF 30-40% WEED FREE COMPOST AND 60 TO 70 %

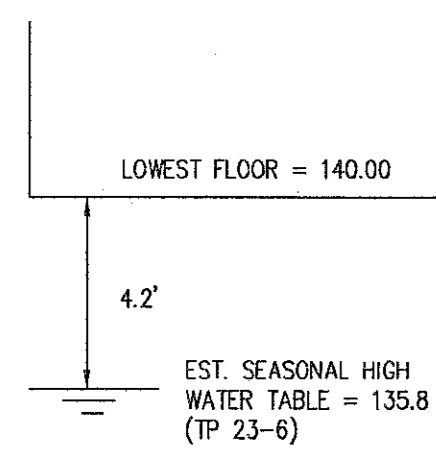
ROOF DRAIN CONNECTION WITH OVERFLOW WYE  
no scale



DETAIL  
DRIVEWAY INFILTRATION TRENCH  
no scale



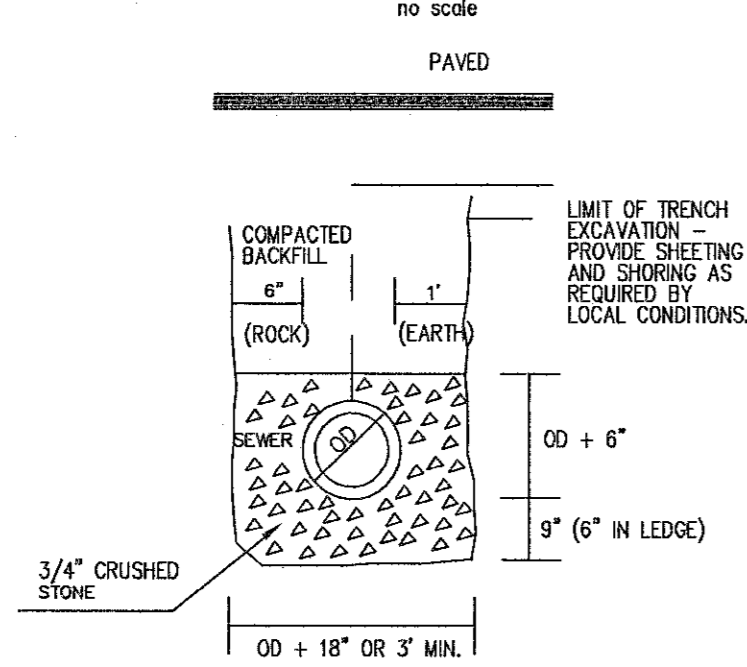
SECTION  
THROUGH PROPOSED GARAGE



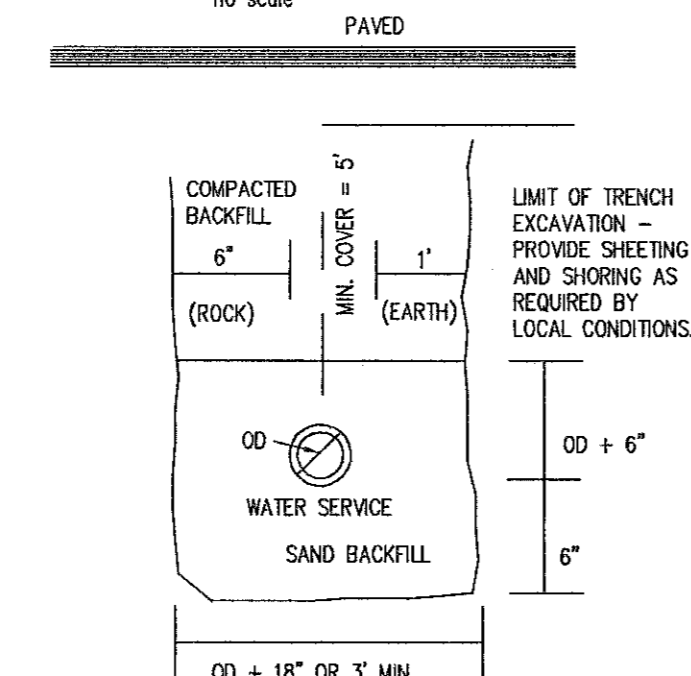
LEGEND

- SMH EXISTING SEWER MANHOLE
- ⊙ WC EXISTING HYDRANT
- ⊙ WSG EXISTING WATER SHUTOFF
- ⊙ GAS EXISTING GAS GATE
- ⊙ EXISTING UTILITY POLE
- x — x — EXISTING FENCE
- — — EXISTING WALL
- · — · — EXISTING SPOT GRADE
- · — · — EXISTING CONTOUR
- · — · — PROPOSED CONTOUR
- · — · — PROPOSED SPOT GRADE
- · — · — PROPOSED EROSION CONTROL
- · — · — PROPOSED ROOF DRAIN
- ⊙ B4 RESOURCE AREA FLAG
- ⊙ 23-3 SOIL TEST PIT

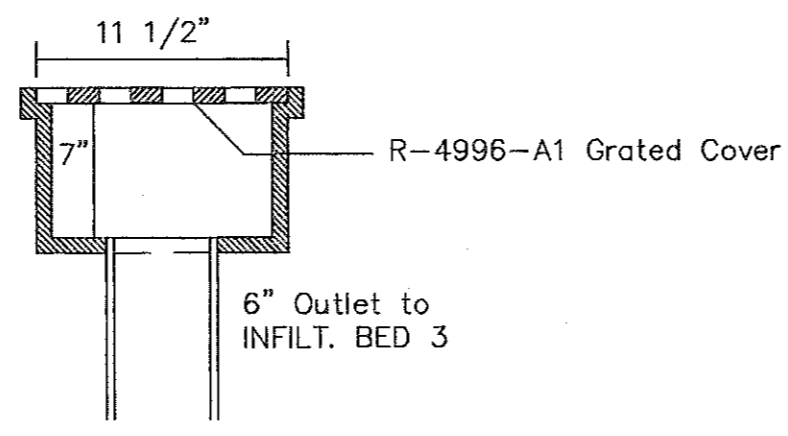
LOW PRESSURE SEWER  
TRENCH SECTION  
no scale



WATER SERVICE  
TRENCH SECTION  
no scale

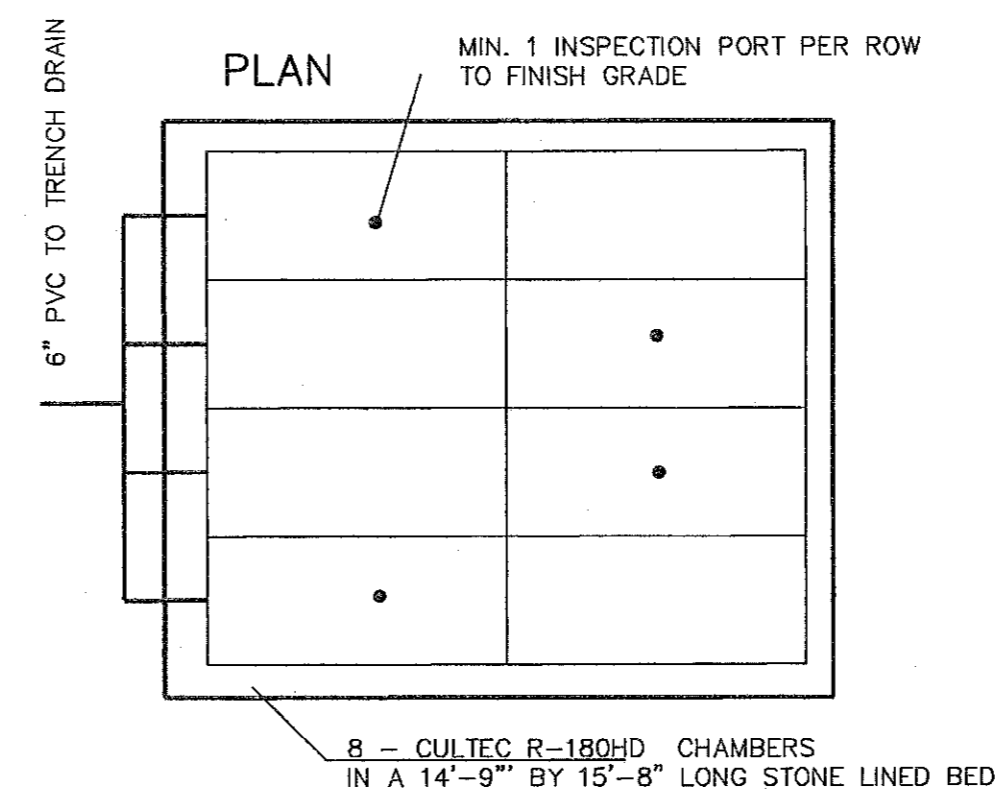


SECTION - TRENCH DRAIN  
No Scale

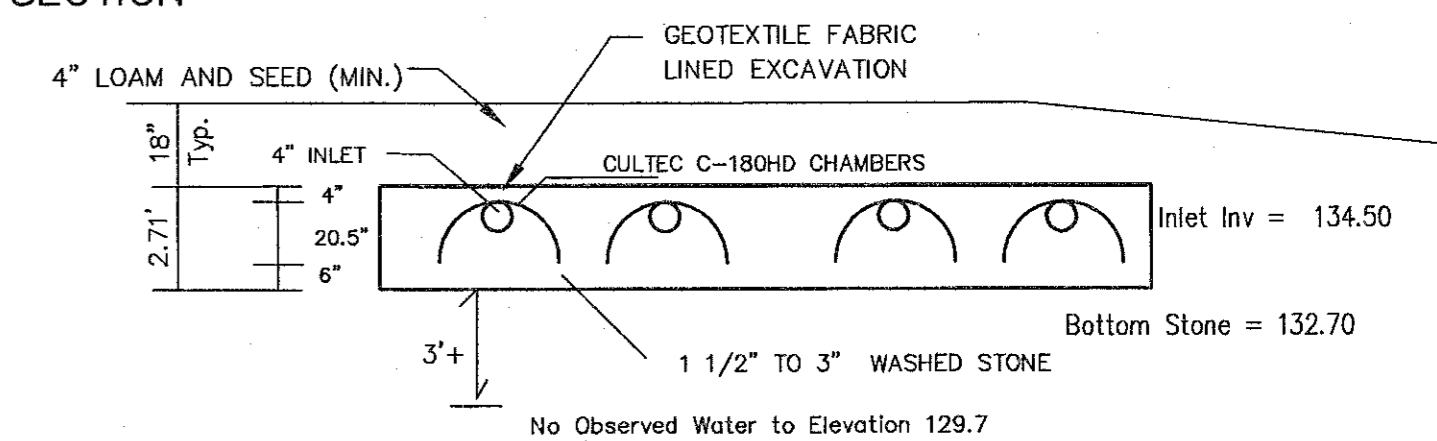


Proposed Trench Drain shall be equivalent to Product No. R-4996, M Trench Frame with Grated Cover (Heavy Duty) as manufactured by Neenah Foundry

INFILTRATION BED 3 DETAIL  
No Scale



SECTION



CONSTRUCTION NOTES

1. PROPOSED WATER SERVICE SHALL BE 1" TYPE 'K' COPPER
2. PROPOSED SEWER SERVICE SHALL BE 6" DIAMETER SCH. 40 PVC PITCHED A MINIMUM OF 1/4" PER FOOT.
3. SEE SHEET 2 FOR DETAILS OF THE VARIOUS STORMWATER FACILITIES AND GRADING DETAILS IN THE VICINITY OF THOSE FACILITIES.

GENERAL NOTES

- 1) THIS PLAN IS THE RESULT OF AN ON THE GROUND FIELD SURVEY AND PUBLIC AND PRIVATE PLANS.
- 2) UTILITIES SHOWN ARE BASED UPON FIELD SURVEY AND RECORD PLANS AND ARE NOT NECESSARILY INDICATIVE OF UNDERGROUND CONDITIONS.
- 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG-SAFE PRIOR TO ANY WORK. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION BEFORE PROCEEDING WITH THE WORK.
- 4) THIS PLAN IS BASED ON THE REFERENCED PLANS, DEEDS AND THE RESULTS OF A FIELD SURVEY AS OF THIS DATE. NO CERTIFICATION IS INTENDED AS TO PROPERTY TITLE OR AS TO THE EXISTENCE OF UNWRITTEN OR UNRECORDED EASEMENTS.
- 5) THE OWNER SHALL CONFIRM COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE MATERIALS AND/OR METHODS OF INSTALLATION OF ANY IMPROVEMENTS DEPICTED ON THIS PLAN.
- 6) SEE ARCHITECTURAL DRAWINGS FOR DETAILS OF BUILDING DIMENSIONS, FINISH AND MATERIALS, AND ELEVATION VIEWS.
- 7) PLAN DATUM: NAVD 1988
- 8) THE SITE IS LOCATED IN A ZONE X AS PER FEMA FIRM 25017C0402E DATED JUNE 4, 2010
- 9) WETLAND RESOURCE AREA DELINEATION by BASBANES WETLAND CONSULTING FEBRUARY, 2023.

ZONING DISTRICT : RO  
DEED REFERENCE: RECORD BOOK 72472 PAGE 288  
PLAN REFERENCE: PLAN 276 OF 1981  
ASSESSORS MAP 48 PARCEL 32-1  
RECORD OWNER : K & B GILLIS FAMILY TRUST

SITE DEVELOPMENT PERMIT PLAN  
LOCATED IN  
**BURLINGTON, MASS,**

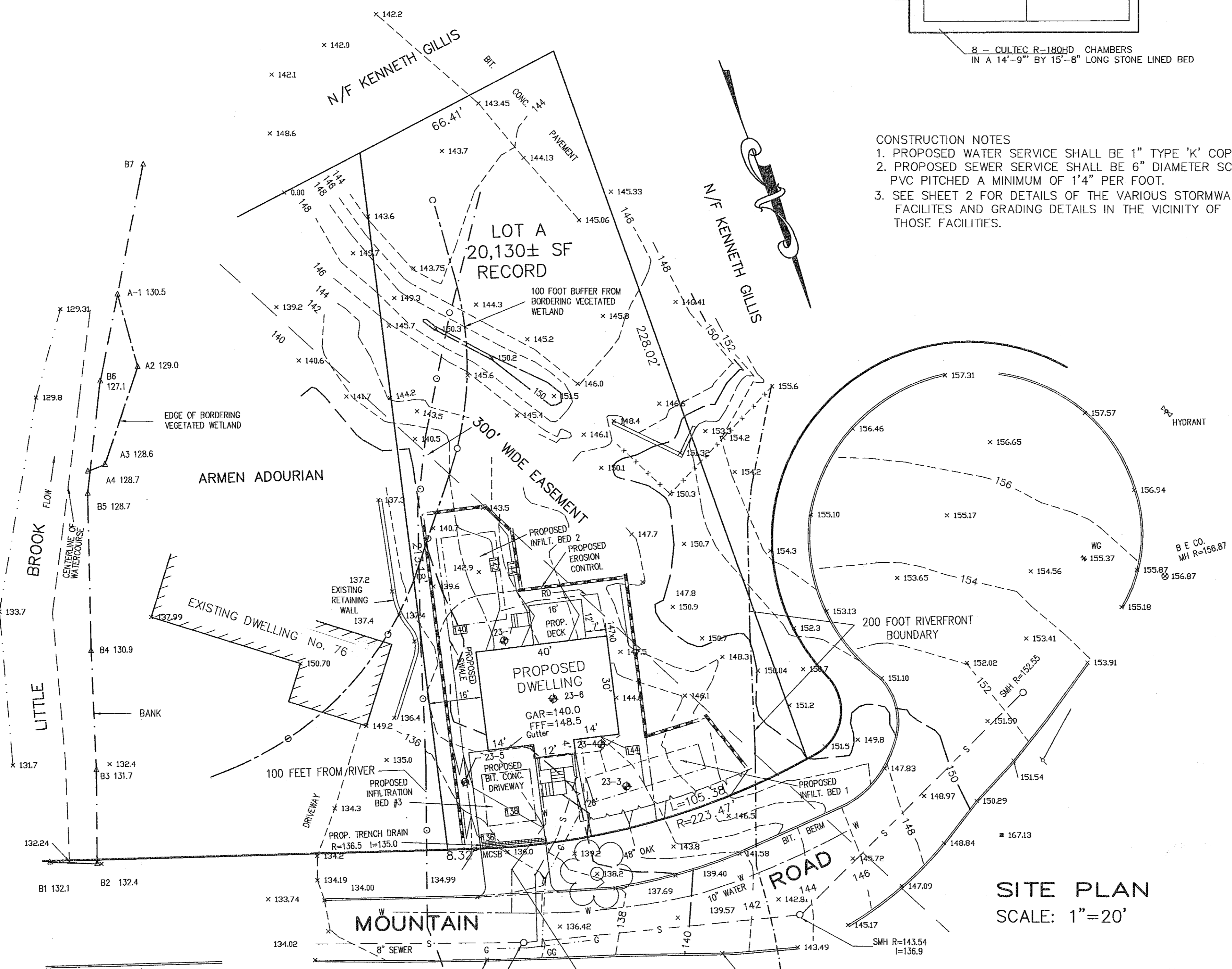
78 MOUNTAIN ROAD

PREPARED BY  
EASTERN LAND SURVEY ASSOCIATES  
CHRISTOPHER R. MELLO, PLS

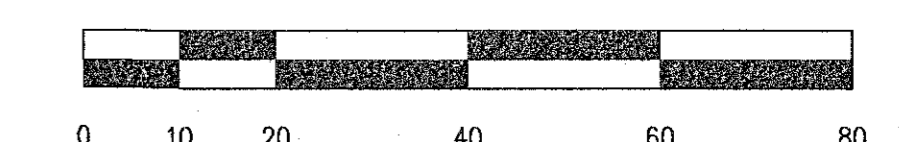
104 LOWELL ST. PEABODY, MA 09160  
(978) 531-8121

SCALE: 1"=20' FEBRUARY 1, 2023  
Revised March 21, 2023  
Revised April 13, 2023

SITE PLAN  
SCALE: 1"=20'



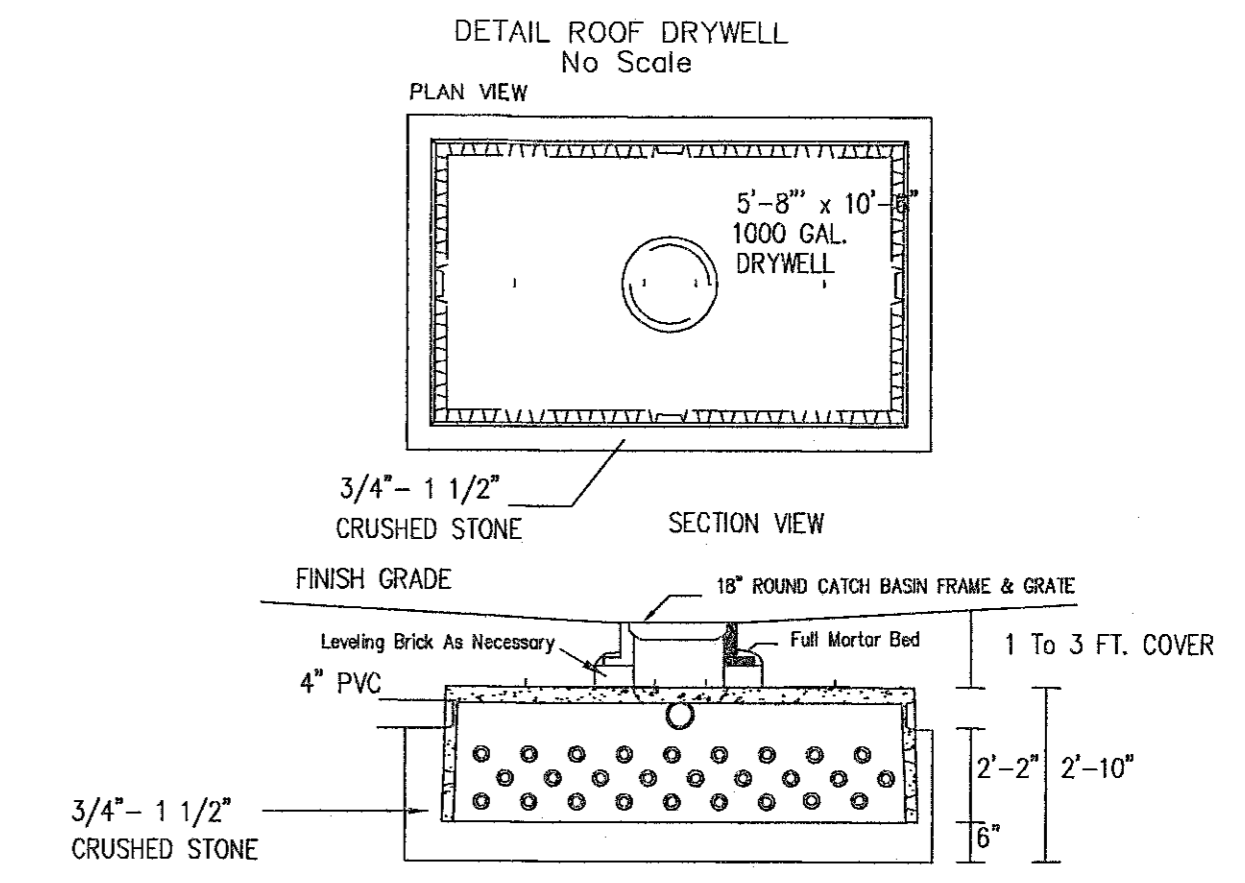
Professional Engineer stamps and signatures for Christopher R. Mello (PLS 31317) and Clayton A. Morin (PE 30969).



F 20233

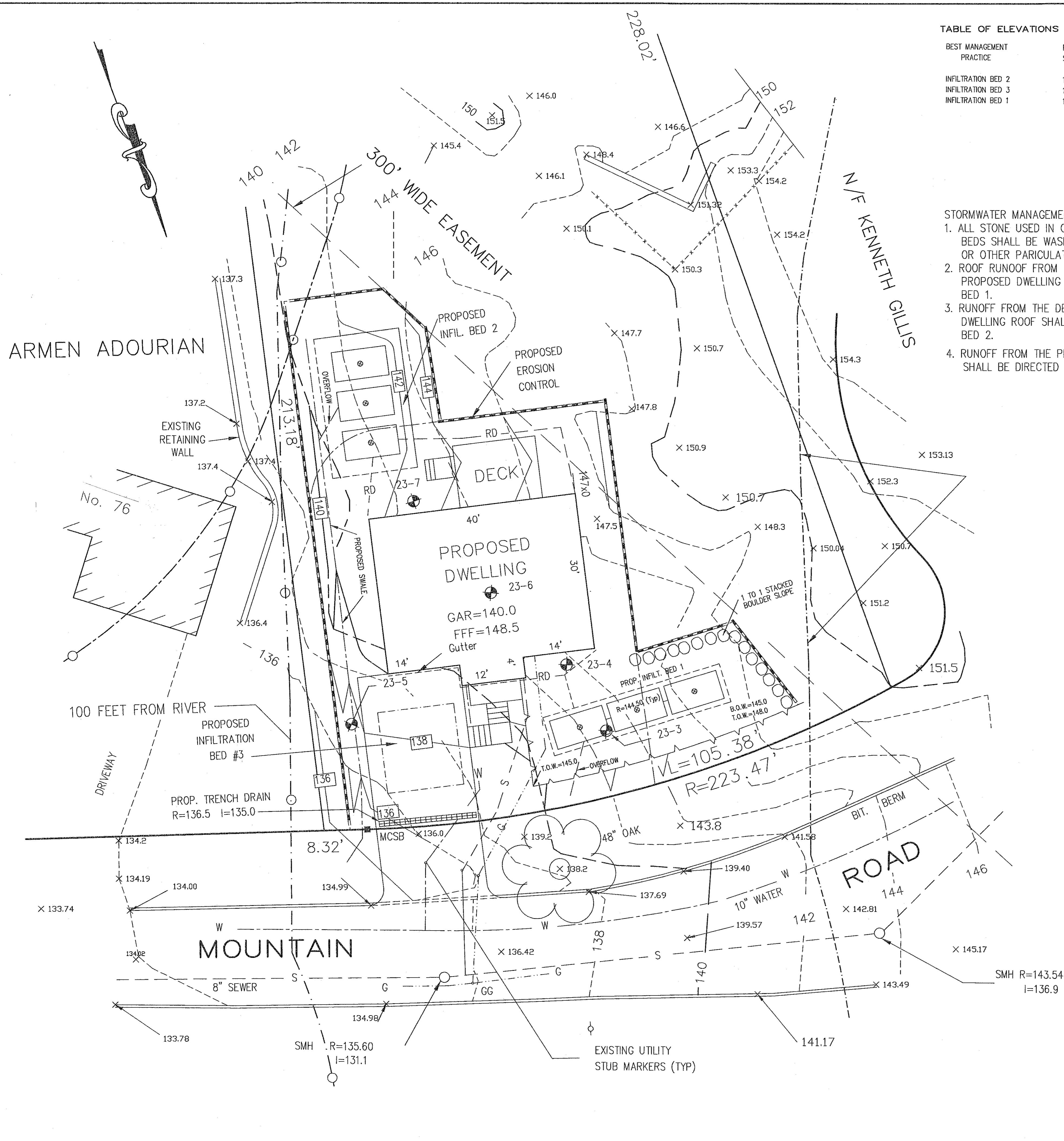
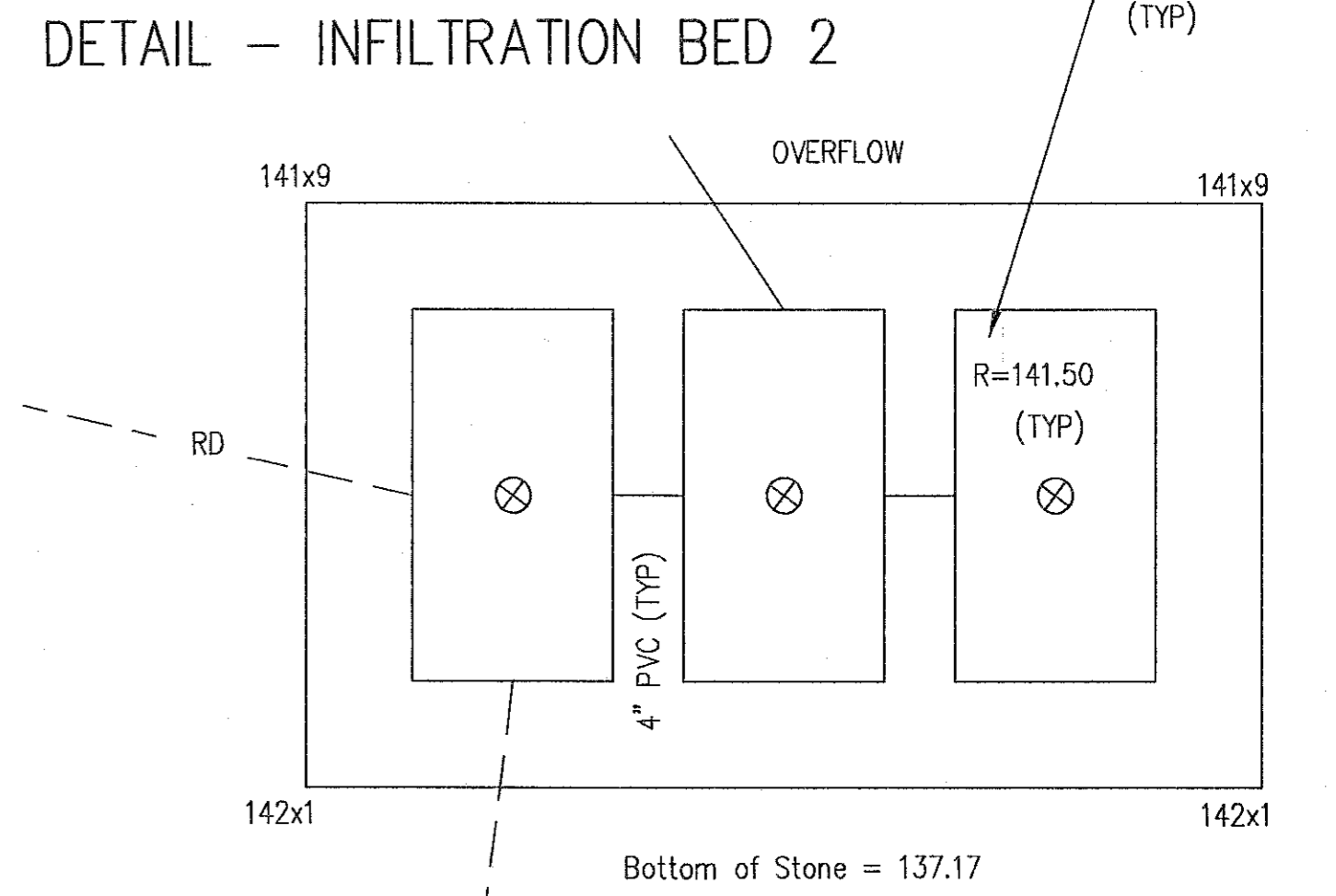
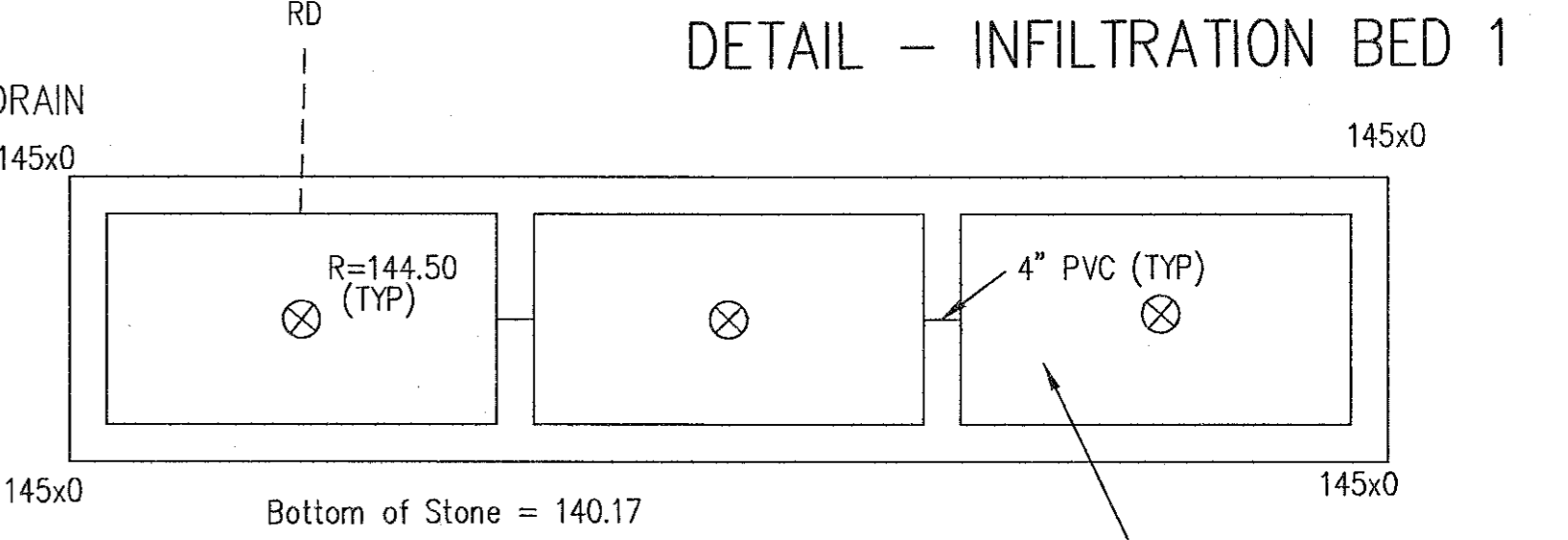
TABLE OF ELEVATIONS

BEST MANAGEMENT PRACTICE	BOTTOM OF STONE ELEVATION	ESTIMATED SEASONAL HIGH WATER TABLE
INFILTRATION BED 2	137.17	132.9 TP 23-7
INFILTRATION BED 3	132.50	129.7 TP 23-5
INFILTRATION BED 1	140.17	133.4 TP 23-3



STORMWATER MANAGEMENT SYSTEM NOTES

1. ALL STONE USED IN CONNECTION WITH INFILTRATION BEDS SHALL BE WASHED FREE FROM FINES, DUST OR OTHER PARTICULATES.
2. ROOF RUNOFF FROM THE FRONT PORTION OF THE PROPOSED DWELLING SHALL BE DIRECTED TO INFILTRATION BED 1.
3. RUNOFF FROM THE DECK AND BACK PORTION OF THE DWELLING ROOF SHALL BE DIRECTED TO INFILTRATION BED 2.
4. RUNOFF FROM THE PROPOSED DRIVEWAY & TRENCH DRAIN SHALL BE DIRECTED TO INFILTRATION BED 3



SITE DEVELOPMENT PERMIT PLAN  
LOCATED IN  
**BURLINGTON, MASS,**  
78 MOUNTAIN ROAD

PREPARED BY  
EASTERN LAND SURVEY ASSOCIATES  
**CHRISTOPHER R. MELLO, PLS**  
104 LOWELL ST. PEABODY, MA 09160  
(978) 531-8121

SCALE: 1"=20'      FEBRUARY 1, 2023  
Revised March 21, 2023  
Revised April 13, 2023

SITE PLAN  
SCALE: 1"=20'

Christopher R. Mello  
PLS 31317

Clayton A. Morin  
PE 30969

