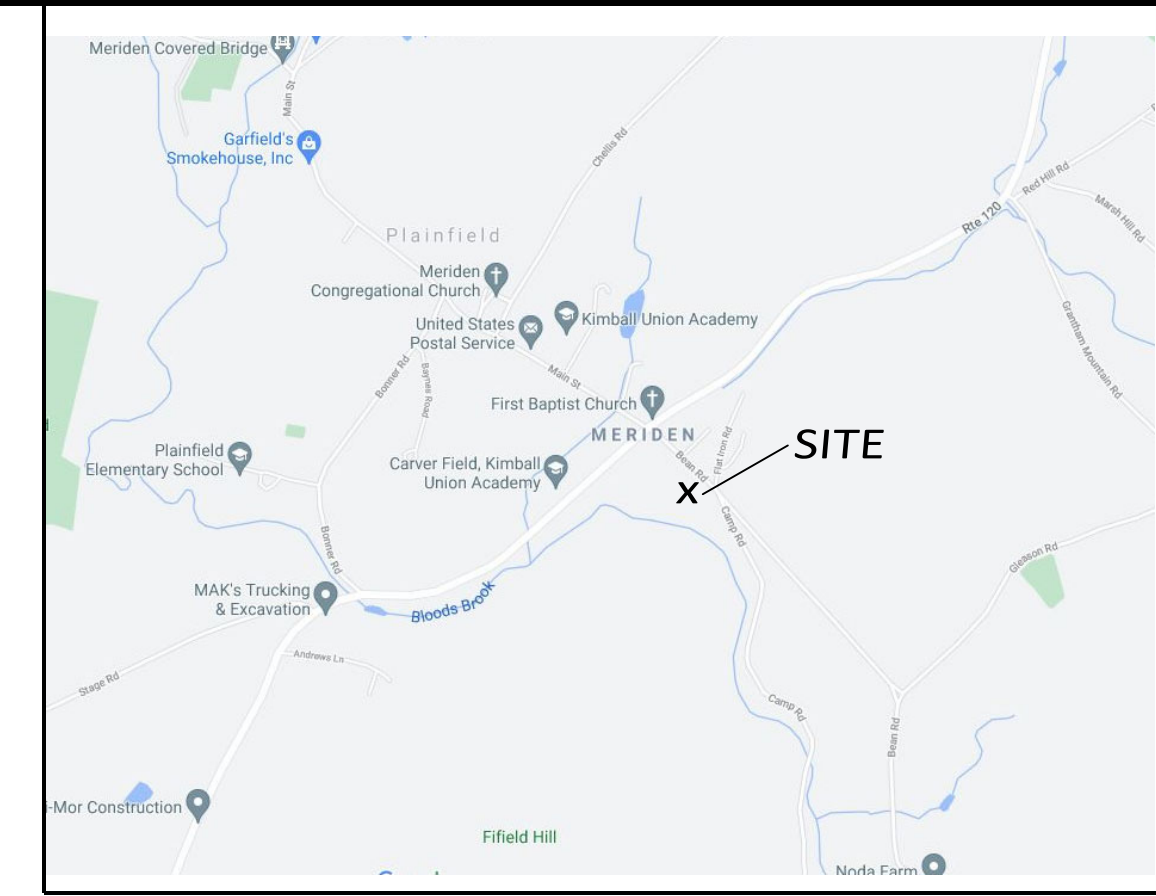


**PLANSET FOR  
APPLICATION FOR SITE PLAN REVIEW  
MERIDEN LIBRARY  
22 BEAN ROAD  
TAX MAP 104, LOT 23  
PLAINFIELD, NEW HAMPSHIRE**

**AUGUST 11, 2021**

**FOR REVIEW BY:  
TOWN OF PLAINFIELD, NH  
PLANNING BOARD**



SITE LOCATION MAP  
NOT-TO-SCALE

PREPARED FOR OWNER:  
Plainfield Public Libraries  
Board of Trustees  
22 Bean Road  
Meriden, NH 03770

PREPARED BY ENGINEER:  
Right Angle Engineering, PLLC  
Erin Darrow, P.E., C.P.E.S.C.  
152 Main Street  
New London, NH 03257  
(603) 526-2807 office  
(603) 443-7815 mobile  
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Erin@RightAngle.Engineering

**Lot Information**

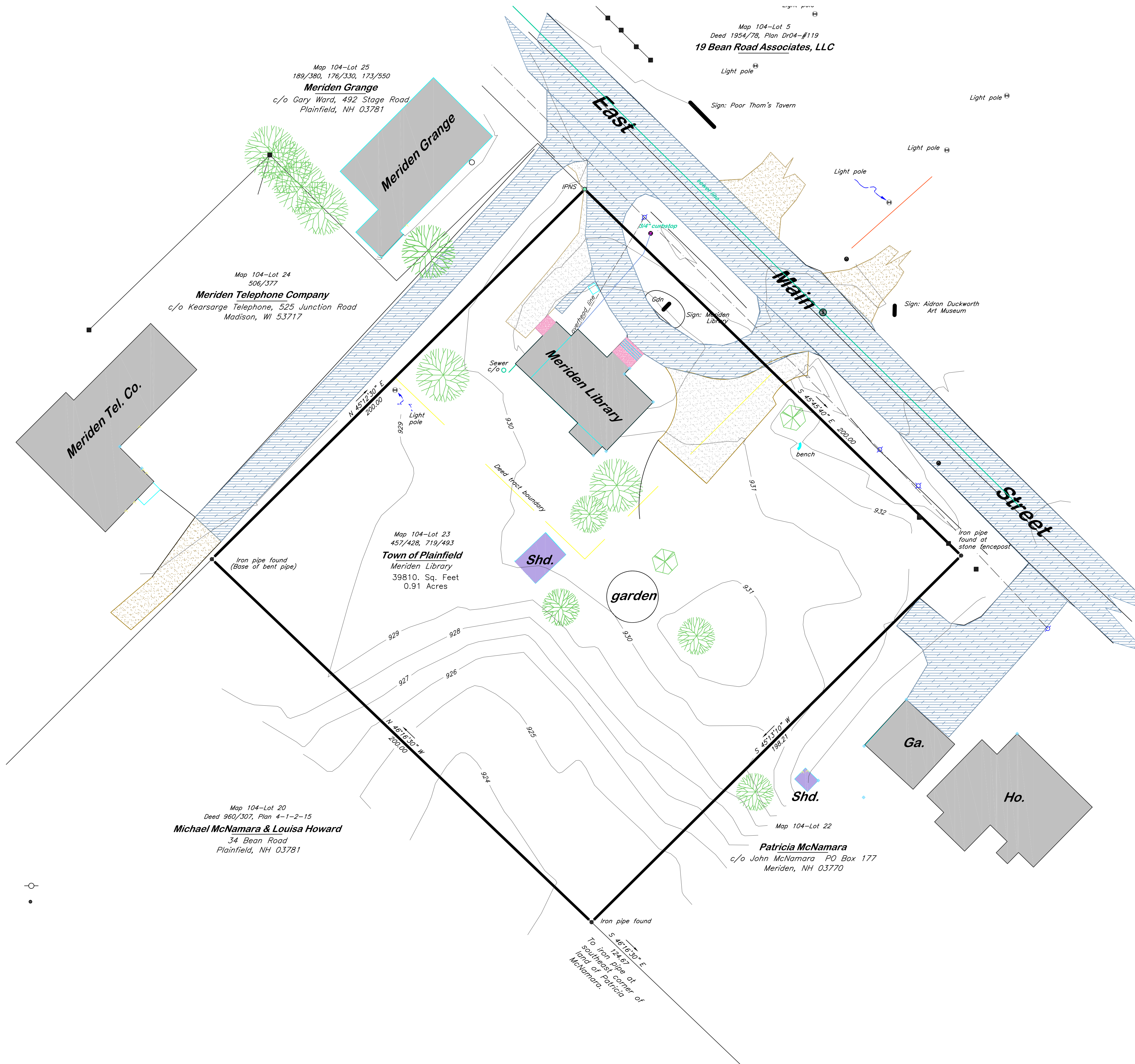
Lot Location	Map 104, Lot 23 22 Bean Road; Meriden, NH
Lot Size	0.96 Acres 41,817 Square Ft
Zone	VR - Village Residential
Setbacks	30' front yard 15' side & rear yard
Allowable Impervious Surface Coverage	40%
Existing Impervious Coverage	11.4% (4770 sq. ft.)
Proposed Impervious Coverage	22.8% (9553 sq. ft.)
Allowable Building Height	35 ft.
Existing & Proposed Building Height	less than 35 ft
Existing & Proposed Use	Library

**PLANSET CONTENTS:**

<b>Sheet 1:</b>	<b>Cover Sheet</b>
<b>Sheet 2:</b>	<b>Existing Conditions Survey</b>
<b>Sheet 3:</b>	<b>Proposed Site Plan</b>
<b>Sheet 4:</b>	<b>Construction Detail</b>
<b>Sheet 5:</b>	<b>Construction Details</b>
<b>Sheet 6:</b>	<b>Construction Details</b>
<b>Sheet 7:</b>	<b>Construction Details</b>

**Impervious Surface**

Description	Existing Area (Square Feet)	Proposed Area (Square Feet)
Gravel Parking, Storage, Walkways	1,710 sf	5218 sf
Asphalt Parking, Driveway	1465 sf	0 sf
Concrete Pads	0 sf	0 sf
Building	1595 sf	4335 sf
<b>TOTAL</b>	<b>4,770 sf</b>	<b>9,553 sf</b>
Percent of Lot (41,817 SF)	11.4%	22.8%



- GENERAL NOTES**
1. ALL WORK SHALL CONFORM TO THE CONDITIONS OF THE TOWN OF PLAINFIELD SITE PLAN REVIEW AND BUILDING PERMITS.
  2. SITE SURVEY DATA COLLECTED BY ROLLINS LAND SURVEY, MOST RECENTLY UPDATED IN MAY 2021.
  3. ELEVATIONS ARE BASED ON ASSUMED DATUM.
  4. NHDES BEST MANAGEMENT PRACTICES TO BE IMPLEMENTED DURING CONSTRUCTION.
  5. CONTRACTOR SHALL USE SEDIMENT AND EROSION CONTROL AT A MINIMUM AT THE LOCATIONS SHOWN ON THE PLAN, ACCORDING TO NHDES BEST MANAGEMENT PRACTICES. SEDIMENT AND EROSION CONTROL OPTIONS ARE SHOWN IN THE CONSTRUCTION DETAILS.
  6. ALL UTILITIES SHALL BE LOCATED BY CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION, AND CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING DIGSAFE PRIOR TO COMMENCING EARTH MOVING OPERATIONS.

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**Legend**

- 
- 

Map 104-Lot 20  
 Deed 960/307, Plan 4-1-2-15  
**Michael McNamara & Louisa Howard**  
 34 Bean Road  
 Plainfield, NH 03781

Map 104-Lot 22  
**Patricia McNamara**  
 c/o John McNamara PO Box 177  
 Meriden, NH 03770

Map 104-Lot 23  
 457/428, 719/493  
**Town of Plainfield**  
 Meriden Library  
 39810. Sq. Feet  
 0.91 Acres

Map 104-Lot 25  
 189/380, 176/330, 173/950  
**Meriden Grange**  
 c/o Gary Ward, 492 Stage Road  
 Plainfield, NH 03781

Map 104-Lot 24  
 506/377  
**Meriden Telephone Company**  
 c/o Kearsarge Telephone, 525 Junction Road  
 Madison, WI 53717

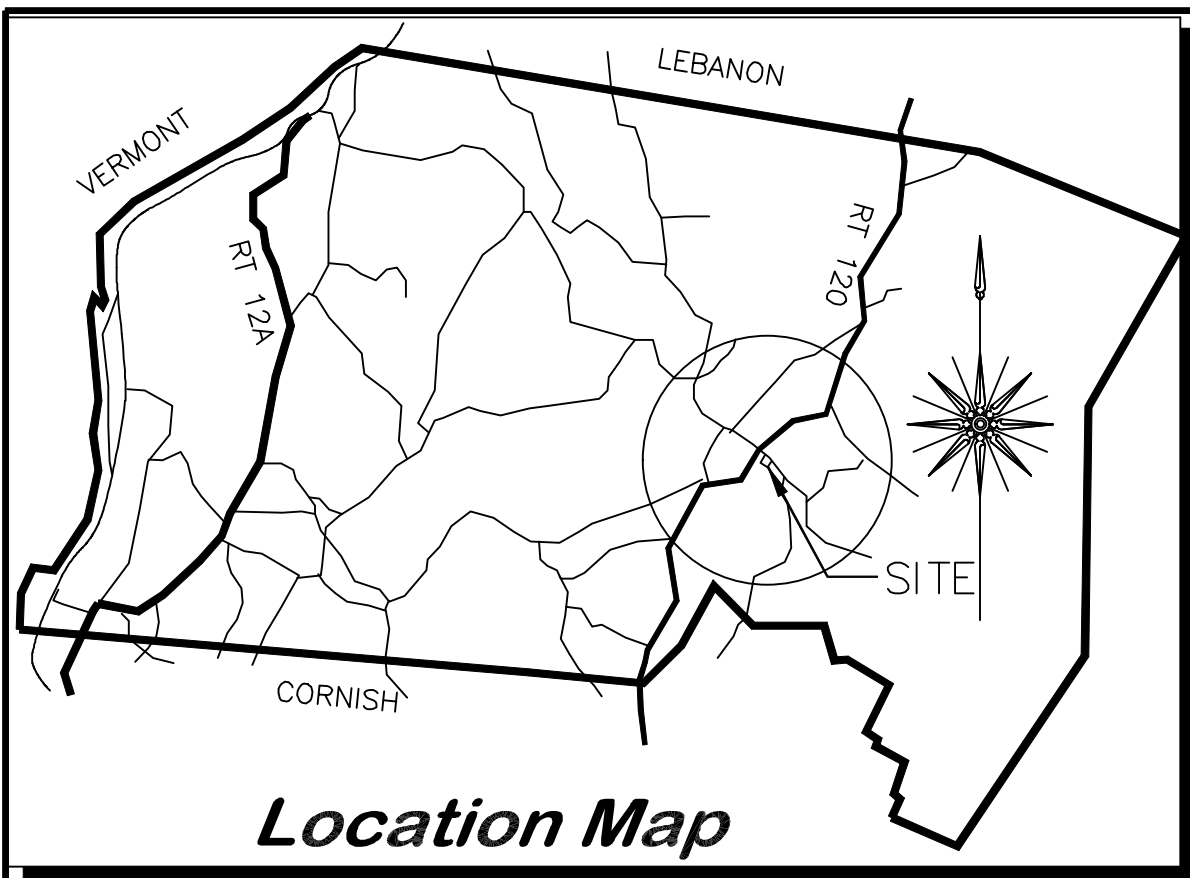
Map 104-Lot 5  
 Deed 1954/78, Plan Dr04-#119  
**19 Bean Road Associates, LLC**

EXISTING CONDITIONS SITE PLAN  
 MERIDEN LIBRARY CONSTRUCTION  
 22 BEAN ROAD  
 TAX MAP 104, LOT 23  
 MERIDEN, NH 03770

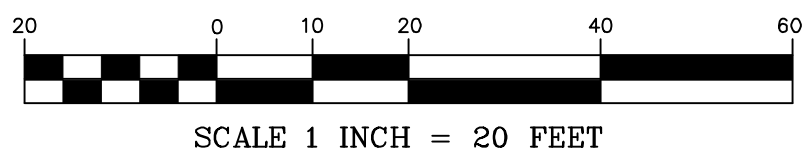
AUGUST 11, 2021  
 PREPARED FOR OWNER:  
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 22 BEAN ROAD  
 MERIDEN, NH 03770

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NO.	DATE	DESCRIPTION	BY
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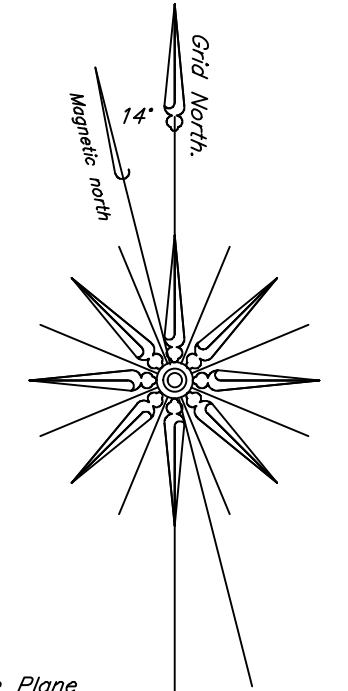
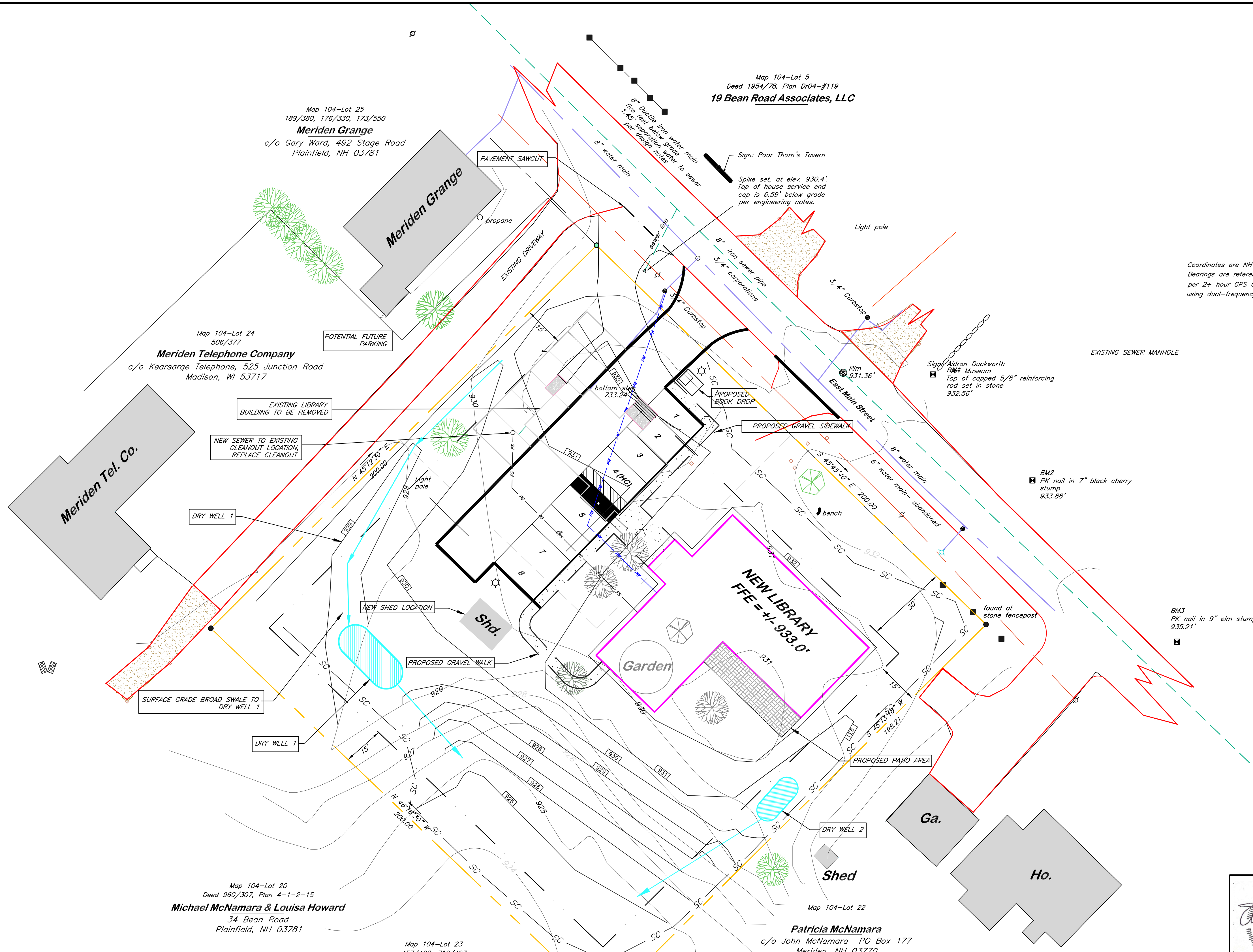


**Location Map**  
NOT-TO-SCALE



- LEGEND**
- EXISTING SEWER LINE
  - EXISTING WATER LINE
  - EXISTING EDGE OF PAVEMENT
  - EXISTING EDGE OF GRAVEL
  - EXISTING 1' GRADE CONTOUR
  - RIGHT-OF-WAY/PROPERTY LINE
  - BUILDING SETBACK LINE
  - EXISTING DECIDUOUS TREE TO BE REMOVED
  - EXISTING EVERGREEN TREE TO BE REMOVED
  - PROPOSED 1' GRADE CONTOUR
  - PROPOSED EDGE OF GRAVEL DRIVEWAY
  - PROPOSED SEWER CONNECTION LINE
  - PROPOSED WATER CONNECTION
  - PROPOSED LIGHT POST
  - GRAVEL WALK/PAD
  - PROPOSED SILT LOG AND/OR SILT FENCE
  - PROPOSED HAY BALES
  - EXISTING OVERHEAD UTILITY WIRES

- GENERAL NOTES**
- ALL WORK SHALL CONFORM TO THE CONDITIONS OF THE TOWN OF PLAINFIELD SITE PLAN REVIEW AND BUILDING PERMITS
  - SITE SURVEY DATA COLLECTED BY ROLLINS LAND SURVEY, MOST RECENTLY UPDATED IN MAY 2021.
  - ELEVATIONS ARE BASED ON ASSUMED DATUM.
  - NHDES BEST MANAGEMENT PRACTICES TO BE IMPLEMENTED DURING CONSTRUCTION.
  - CONTRACTOR SHALL USE SEDIMENT AND EROSION CONTROL AT A MINIMUM AT THE LOCATIONS SHOWN ON THE PLAN, ACCORDING TO NHDES BEST MANAGEMENT PRACTICES. SEDIMENT AND EROSION CONTROL OPTIONS ARE SHOWN IN THE CONSTRUCTION DETAILS.
  - ALL UTILITIES SHALL BE LOCATED BY CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION, AND CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING DIGSAFE PRIOR TO COMMENCING EARTH MOVING OPERATIONS.



Coordinates are NH State Plane Bearings are referenced to Grid North per 2+ hour GPS Observations using dual-frequency GPS receivers.



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PROPOSED CONDITIONS SITE PLAN  
90% DESIGN  
MERIDEN LIBRARY CONSTRUCTION  
22 BEAN ROAD  
TAX MAP 104, LOT 23  
MERIDEN, NH 03770  
AUGUST 11, 2021

PREPARED FOR OWNER:  
PLAINFIELD LIBRARY BOARD OF TRUSTEES  
22 BEAN ROAD  
MERIDEN, NH 03770

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NO.	DATE	DESCRIPTION	BY
2			
1			

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN ON THE DRAWINGS, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS REQUIRED TO COMPLETE PLANS.
2. CONTRACTOR IS RESPONSIBLE FOR REPORTING CONDITIONS IDENTIFIED ON-SITE THAT IMPACT THE PHASING, IMPLEMENTATION, FINAL CONDITIONS, AND/OR OVERALL CONSTRUCTION OF THIS PROJECT.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES, MATERIALS STORAGE, AND EQUIPMENT STAGING AREAS WITH THE ENGINEER.
4. NHDOT ITEM 692, MOBILIZATION, SHALL INCLUDE THE DESIGN, CONSTRUCTION, MAINTENANCE, REMOVAL, AND RESTORATION OF THE SITE AREA FOR CONSTRUCTION.
5. ALL DISTURBED AREAS WITHIN PROJECT LIMITS NOT COVERED BY HARD SURFACES, LANDSCAPING, OR STORMWATER TREATMENT SHALL BE FINISHED WITH 4" OF LOAM (NHDOT ITEM 641) AND TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS (NHDOT ITEM 646.31).
6. SITE SECURITY AND JOB SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
7. THE CONTRACTOR SHALL PROVIDE SUBMITTALS (GRADATIONS, PROCTORS, PRODUCT DATA, ETC.) FOR ALL MATERIALS TO BE INCORPORATED INTO THE WORK.
8. THE ENGINEER SHALL HAVE FULL ACCESS TO THE SITE WHEN THE WORK IS IN PREPARATION AND PROGRESS. THEY MAY OBSERVE THE WORK ON A PERIODIC OR FULL-TIME BASIS.
9. THE CONTRACTOR SHALL PROVIDE A DETAILED CONSTRUCTION SCHEDULE TO THE ENGINEER PRIOR TO CONSTRUCTION.
10. ENGINEER SHALL BE NOTIFIED OF ANY DESIGN CHANGES.
11. ALL MATERIALS SHALL CONFORM TO THE MOST RECENT SPECIFICATION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION UNLESS OTHERWISE NOTED.
12. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR TO ALL DAMAGES CAUSED DURING CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE TO RESTORATION TO ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK TO PRE-CONSTRUCTION CONDITIONS.
14. FINAL RESOLUTION TO CONFLICTS WITHIN THE SPECIFICATIONS OR ANY SUBSTITUTIONS SHALL BE DETERMINED BY THE ENGINEER.
15. THE CONTRACTOR SHALL NOT DISTURB ANY EXISTING PROPERTY CORNER, MONUMENT, SURVEY MARKER, OR BENCHMARK WITHOUT FIRST MAKING PROVISIONS FOR ITS REPLACEMENT OR RELOCATION.
16. ALL TESTING SHALL BE ORDERED BY THE ENGINEER AND COORDINATED BY THE CONTRACTOR IN ACCORDANCE WITH NHDOT, AASHTO, AND THE PROJECT SPECIFICATIONS. CONTRACTOR SHALL GIVE THE ENGINEER 48 HOURS ADVANCE NOTICE PRIOR TO PLACING MATERIALS REQUIRING TESTING.
17. CONCRETE AND SOIL TESTING IS TO BE PERFORMED BY A QUALIFIED PERSON OR FIRM APPROVED BY THE ENGINEER. TESTING COSTS ARE SUBSIDIARY AND SHALL BE INCLUDED IN THE CONTRACTORS COST.
18. DETERMINATION OF MAXIMUM DENSITIES FOR SAND AND GRAVELS ARE THE RESPONSIBILITY OF THE CONTRACTOR. PROCTOR TESTS ORDERED BY THE ENGINEER SHALL BE SAMPLED AND PERFORMED BY AN INDEPENDENT TESTING LABORATORY AND PAID FOR BY THE CONTRACTOR, OBSERVED BY THE ENGINEER, AND PAID FOR BY THE CONTRACTOR. INCLUDE ALL COSTS IN PROPOSAL.
19. BUILDING AND SITE LAYOUT ARE SUBSIDIARY AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
20. BASE PLAN INFORMATION BASED ON DATA COLLECTED BY ROLLINS LAND SURVEY, CHRIS ROLLINS, LLS, IN 2018 AND 2021.

CONSTRUCTION SEQUENCE NOTES:

1. INSTALL SEDIMENT AND EROSION CONTROL FACILITIES. ALL PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS.
2. ALL SEDIMENT AND EROSION CONTROL SHALL BE IN ACCORDANCE WITH NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES BEST MANAGEMENT PRACTICES.
3. INSPECT SITE REGULARLY TO ENSURE PROPER FUNCTION OF SEDIMENT AND EROSION CONTROLS. SITE SHALL BE INSPECTED WEEKLY, AT A MINIMUM, AND ALSO AFTER/DURING SEVERE STORM EVENT(S), AFTER/DURING ANY RAINFALL THAT EXCEEDS ½ INCH IN 24 HOURS.
4. FINAL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED DOWNGRADIENT FROM ALL IMPACTS.
5. REMOVE EXISTING BUILDING AND PARKING LOT/DRIVEWAY AREAS.
6. SITE EXISTING BUILDING.
7. INSTALL NEW FOUNDATION AND RETAINING WALLS.
8. CONSTRUCT BUILDING ACCORDING TO ARCHITECTURAL BUILDING DESIGN SPECIFICATIONS.
9. INSTALL PERMANENT STORM WATER RUNOFF STRUCTURES.
10. INSTALL NEW PARKING AND DRIVEWAY ACCESS AREA, INCLUDING NEW DRAINAGE STRUCTURES.
11. CONSTRUCT NEW DRIVEWAY AND PARKING.
12. REMOVE SEDIMENT AND EROSION CONTROL MEASURES UPON SITE STABILIZATION.
13. CONTRACTOR IS RESPONSIBLE FOR LOCATION OF UTILITIES AND AVOIDING DAMAGE DURING CONSTRUCTION. DIGSAFE SHALL BE CONTACTED BY CONTRACTOR PRIOR TO COMMENCING EXCAVATION.

GEOTECHNICAL NOTES:

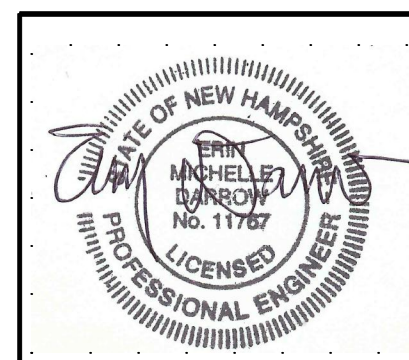
1. GEOTECHNICAL TESTING WAS COMPLETED BY M&W SOILS ENGINEERING, RANDALL RHOADES, P.E., IN 2018.
2. VERIFICATION OF GEOTECHNICAL SOIL CONDITIONS SHALL BE COMPLETED PRIOR TO FOUNDATION AND WALL CONSTRUCTION.

GENERAL UTILITY NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION PROCEDURE. THERE ARE OVERHEAD POWER TRANSMISSION LINES AND OTHER UTILITIES WITH ROADWAY CROSSING AND LINES IN THE IMMEDIATE VICINITY OF THE BRIDGE. THE CONTRACTOR IS ADVISED THAT EXTREME CAUTION WILL BE REQUIRED IN THE OPERATION OF EQUIPMENT, ESPECIALLY CRANES. CONTACT DIG-SAFE AT 1-888-DIG-SAFE.
2. ALL UTILITY INSTALLATIONS, INCLUDING THE LOCATION, SIZE, DEPTH, AND SPECIFICATION FOR CONSTRUCTION OF THE PROPOSED UTILITY SERVICES SHALL BE INSTALLED UNDER THE SUPERVISION OF AND COMPLYING WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANY (ELECTRIC, TELEPHONE, CABLE, ETC.)
3. DAMAGE TO ANY UTILITY BY THE CONTRACTOR SHALL BE REPORTED TO THE UTILITY COMPANY. REPAIR OF THE UTILITY SHALL BE PAID FOR BY THE CONTRACTOR.
4. PROPOSED UNDERGROUND UTILITY LINE LOCATION IS APPROXIMATE. FINAL LOCATION SHALL BE DETERMINED IN THE FIELD AND WILL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.

GENERAL SEWER NOTES:

1. SEWER CONNECTION SHALL BE INSTALLED ACCORDING TO THE STANDARDS OF THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES.
2. POLYETHYLENE PIPE SHALL CONFORM TO AMERICAN WATER WORKS ASSOCIATION (AWWA)
3. ALL FITTINGS SHALL MEET THE REQUIREMENTS OF AWWA C901.
4. PIPE JOINTS SHALL BE OF THE COMPRESSION TYPE UTILIZING A TOTALLY CONFINED GRIP SEAL AND COUPLING NUT. STAINLESS STEEL TUBE STIFFENER INSERT SHALL BE USED THAT DO NOT EXTEND BEYOND THE CLAMP OR COUPLING NUT.
5. DETECTABLE WARNING TAPE SHALL BE PROVIDED, WITH A POLYETHYLENE FILE, ENCASING A METALLIC CORE, MINIMUM 6 INCHES WIDE AND COLOR-CODED GREEN FOR SEWER, BEARING IN BLACK LETTERS THE CONTINUOUS LEGEND, "CAUTION - PRESSURE MAIN BURIED BELOW".
6. DETECTABLE WARNING TABLE TO BE INSTALLED DIRECTLY ABOVE PIPELINE, A MINIMUM OF 18 INCHES BELOW FINISHED GRADE BUT NO LESS THAN 24 INCHES ABOVE THE CROWN OF THE PIPE.
7. ALL WORK SHALL BE IN COMPLIANCE WITH ENV-WQ 704.07.



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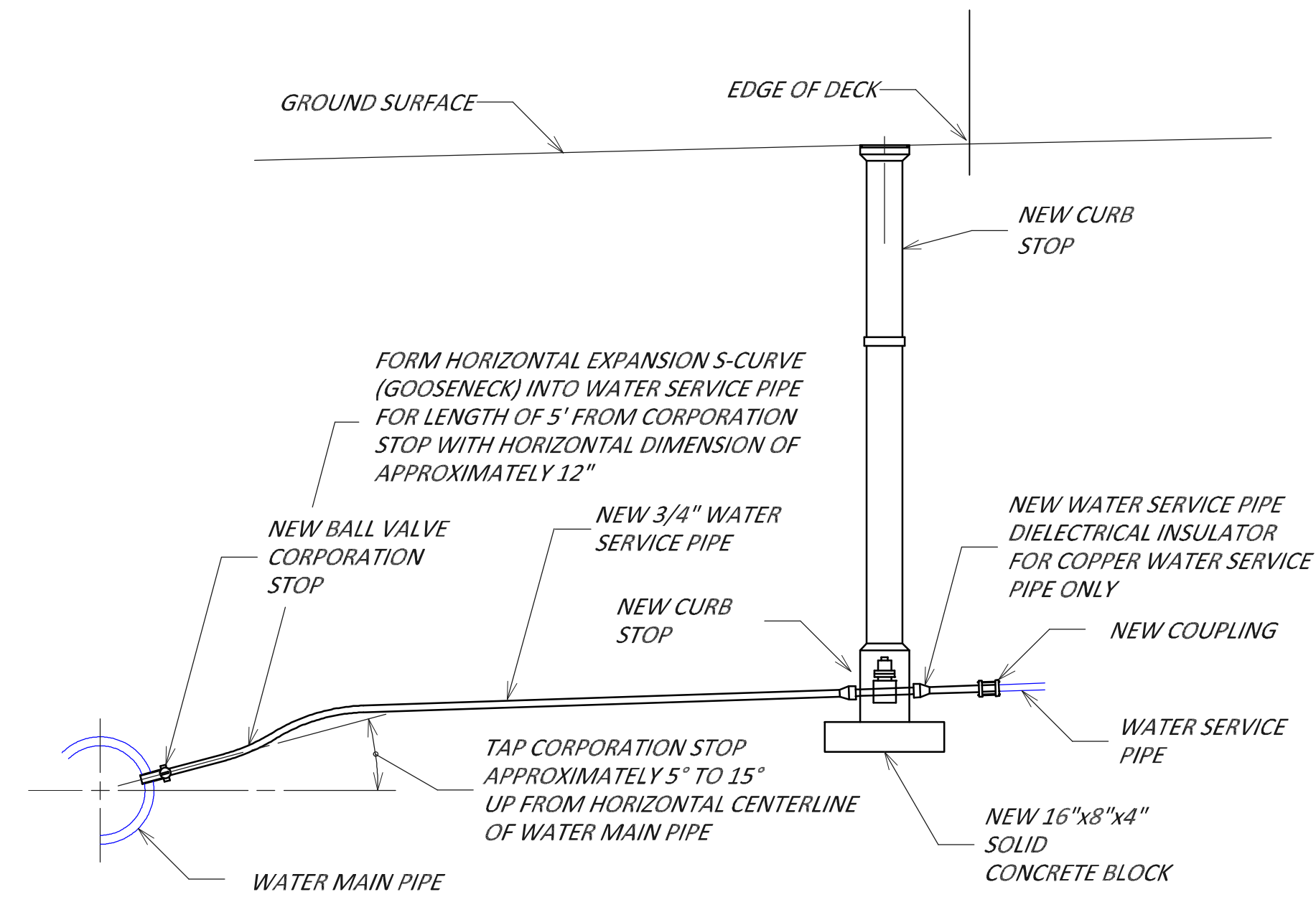
CONSTRUCTION DETAILS PLAN  
MERIDEN LIBRARY CONSTRUCTION  
22 BEAN ROAD  
TAX MAP 104, LOT 23  
MERIDEN, NH 03770

AUGUST 11, 2021

PREPARED FOR OWNER:  
PLAINFIELD LIBRARY BOARD OF TRUSTEES  
22 BEAN ROAD  
MERIDEN, NH 03770

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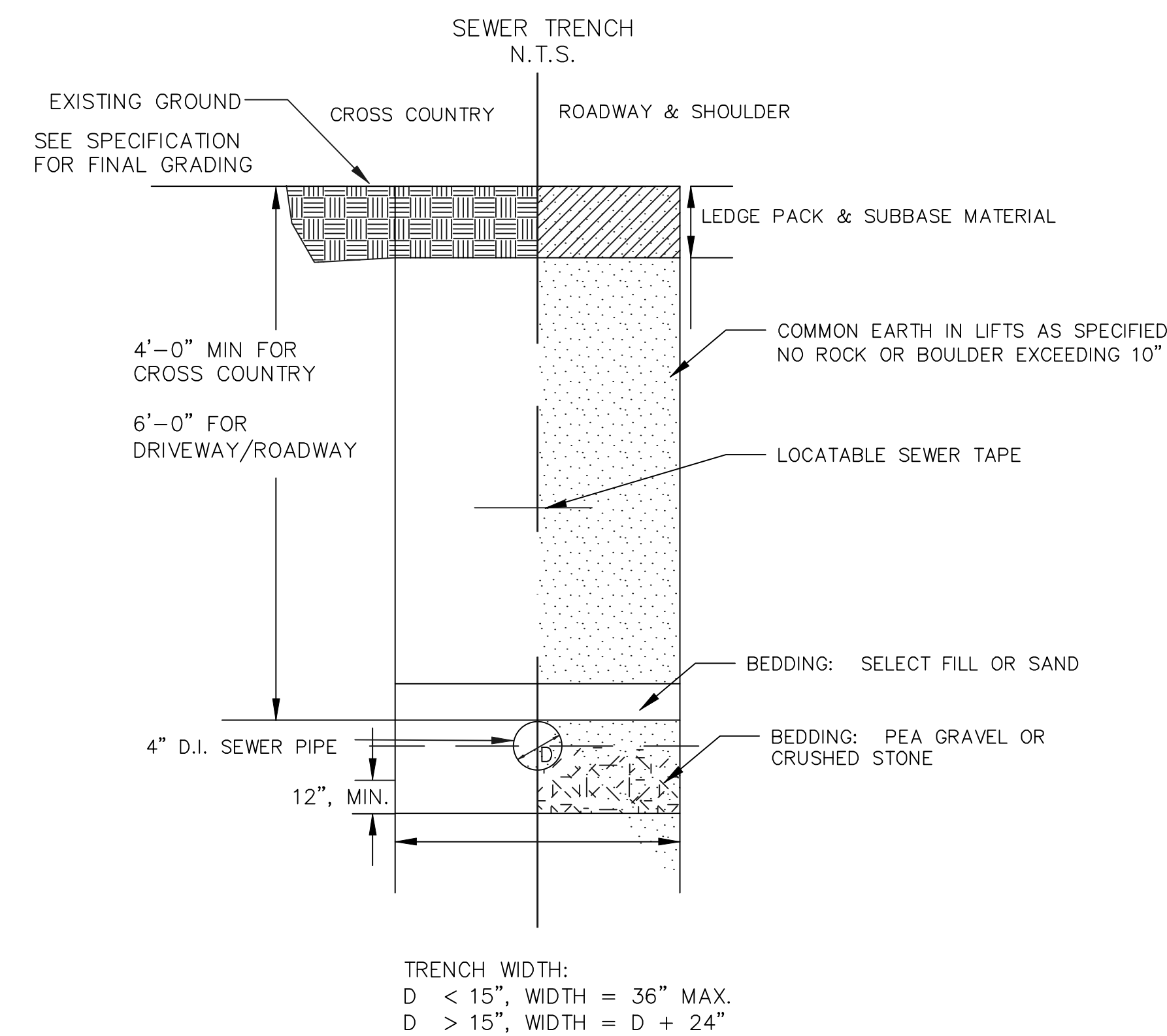
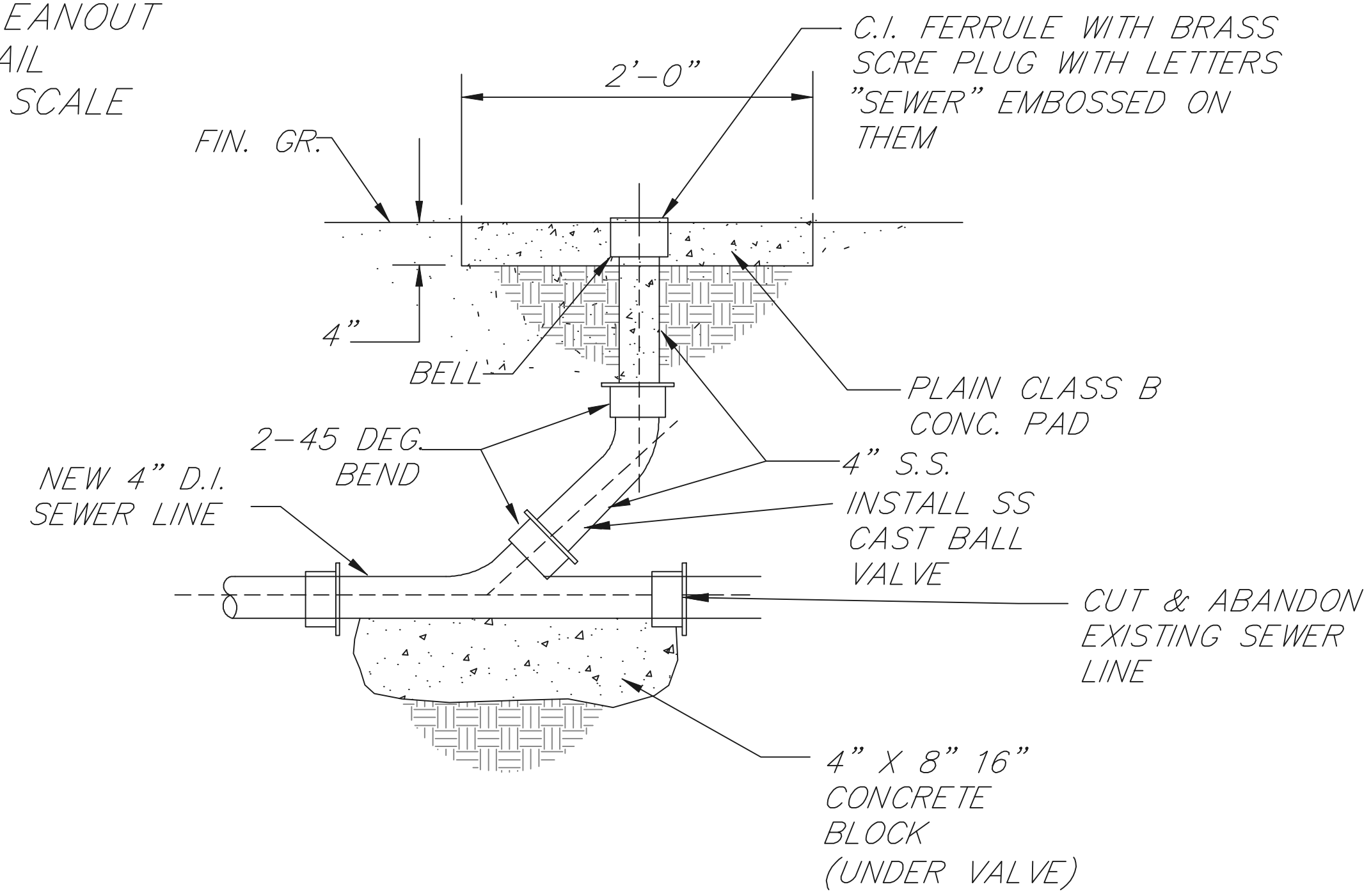
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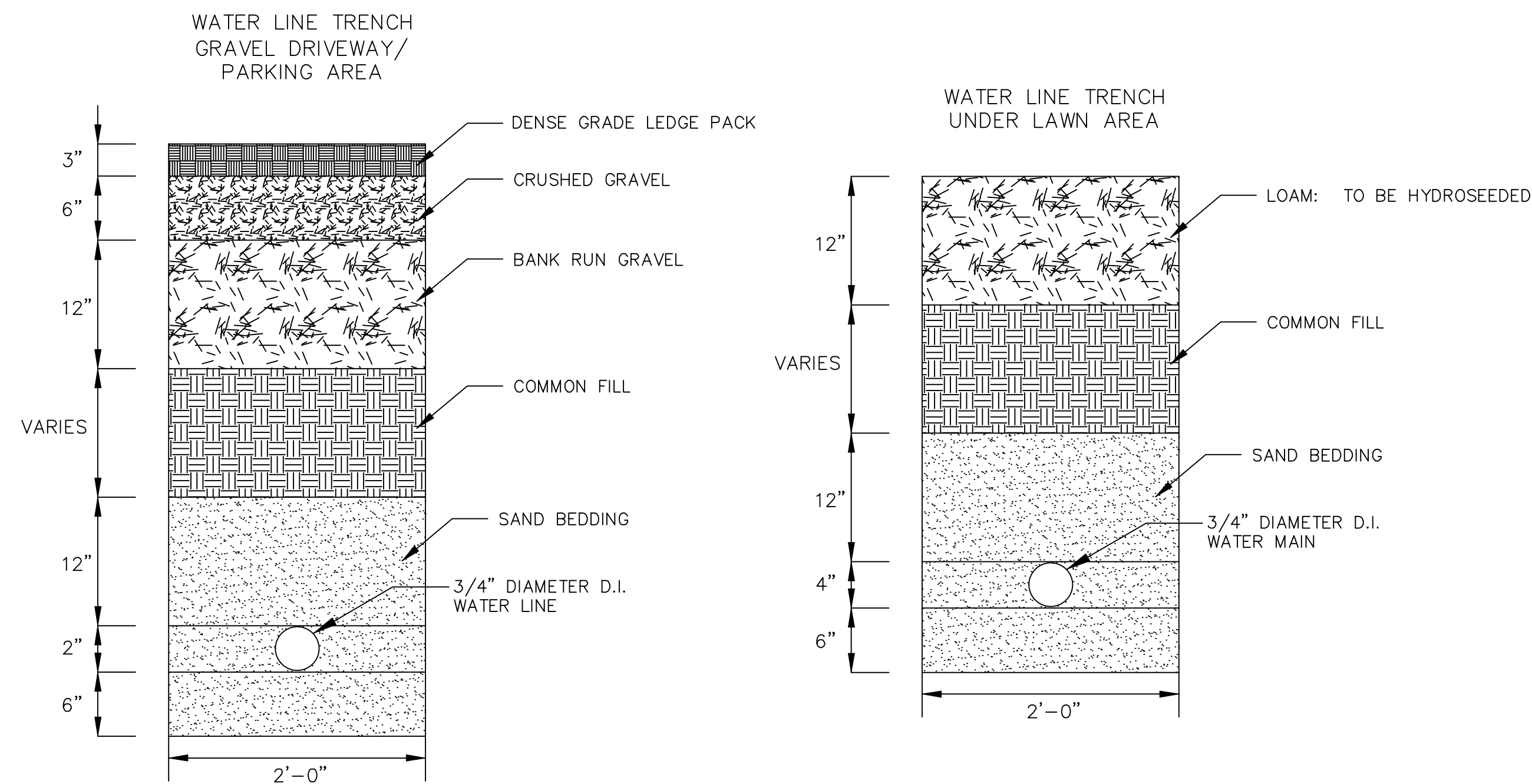
**NOTES:**

1. WATER SERVICE PIPE IS TO HAVE MINIMUM COVER DEPTH OF 5.50 FEET FROM FINISHED SURFACE.
2. WATER SERVICE PIPE IS TO RUN PERPENDICULAR TO WATER MAIN PIPE.
3. WARNING TAPE MUST BE INSTALLED WITH ALL OPEN CUT TRENCHED WATER SERVICE PIPE INSTALLATIONS.
4. USE BALL STYLE CURB STOP CBXCB COMPRESSION, 3/4", PART NUMBER 202NH-H3H3, AS REQUIRED BY THE TOWN OF HANOVER DEPARTMENT OF PUBLIC WORKS.

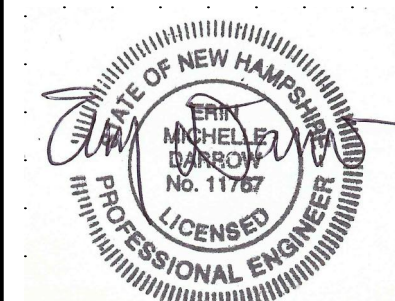
**SEWER CLEANOUT  
DETAIL  
NOT TO SCALE**



TRENCH WIDTH:  
 D < 15", WIDTH = 36" MAX.  
 D > 15", WIDTH = D + 24"



NO.	DATE	DESCRIPTION	BY
2			
1			


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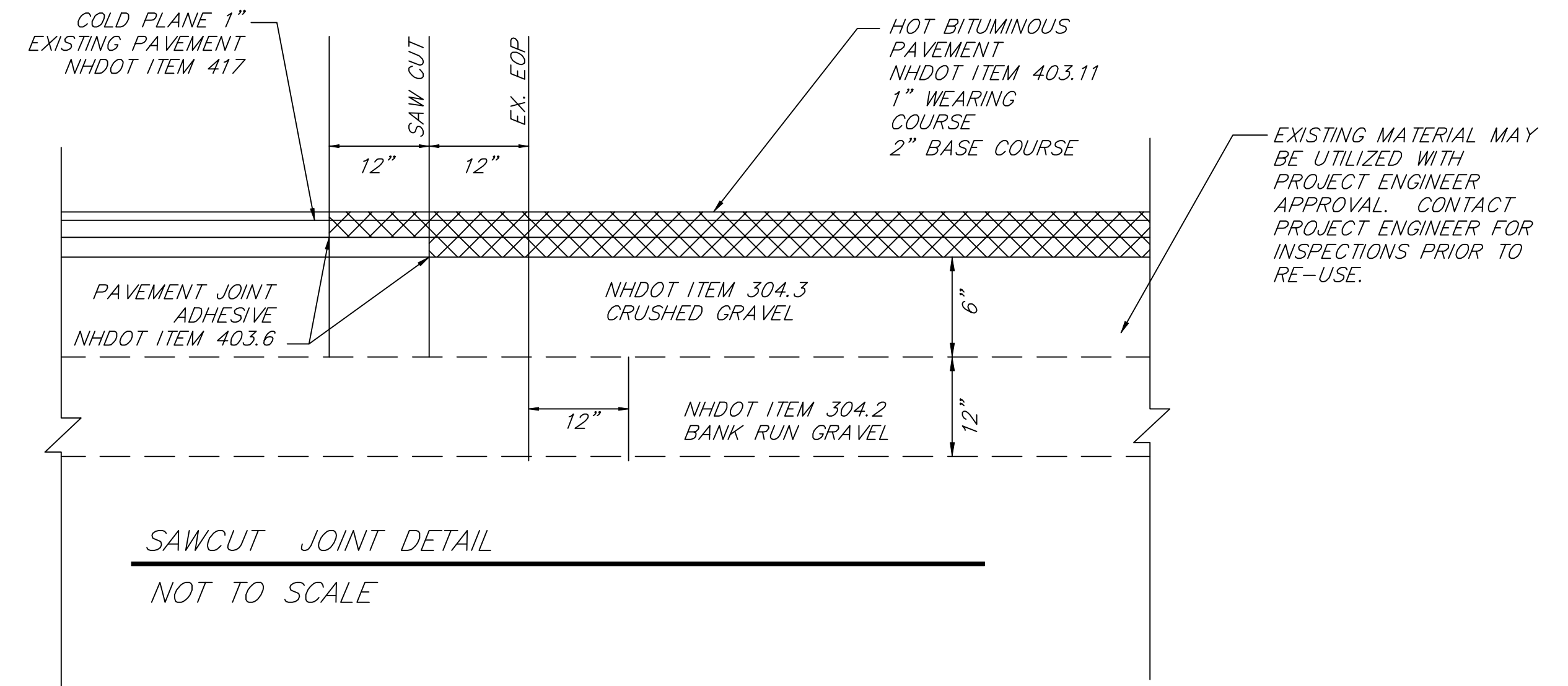
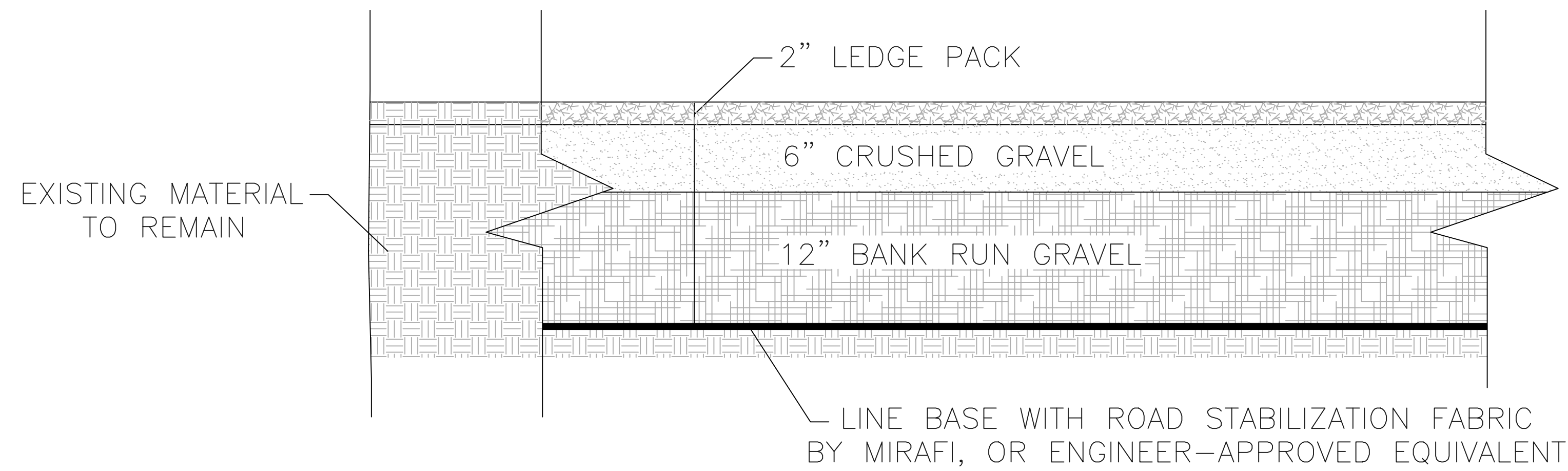
**CONSTRUCTION DETAILS PLAN**  
 MERIDEN LIBRARY CONSTRUCTION  
 22 BEAN ROAD  
 TAX MAP 104, LOT 23  
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AUGUST 11, 2021

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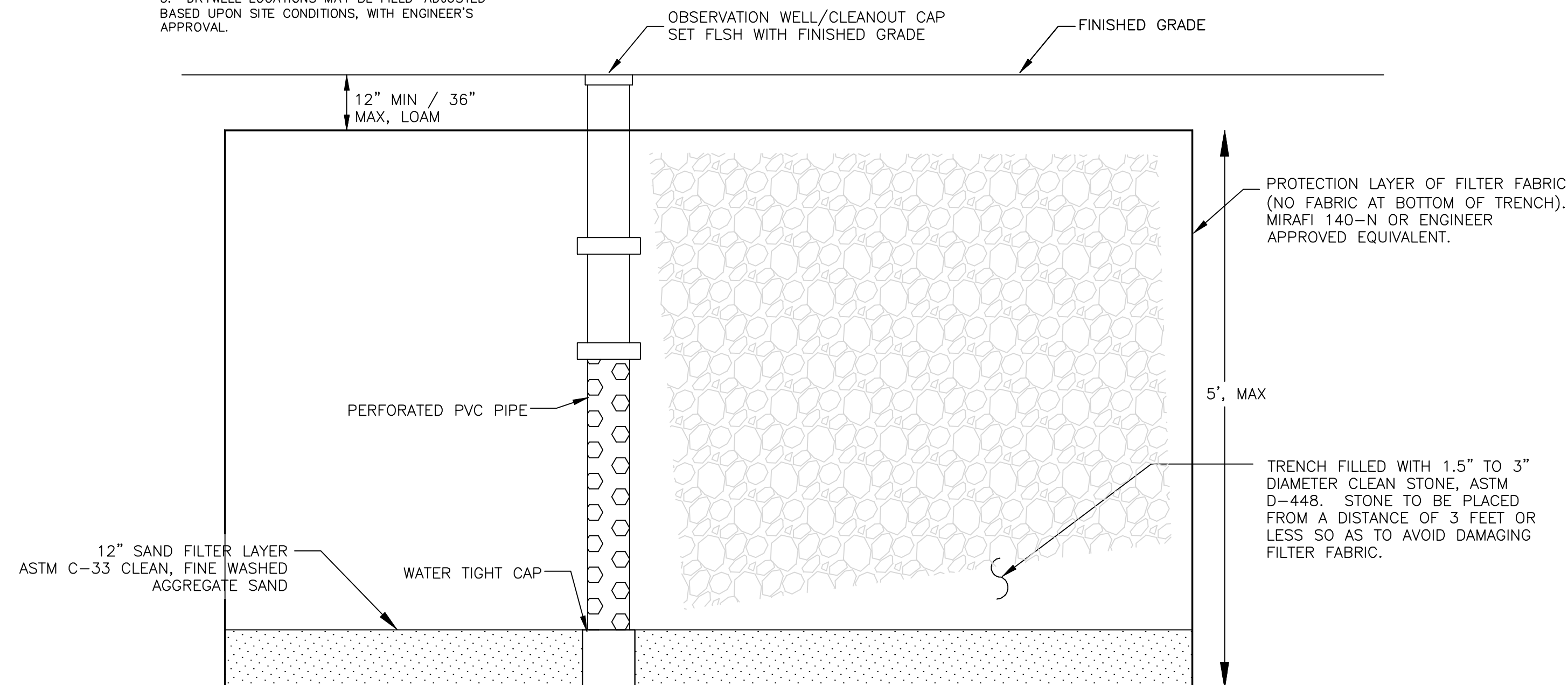
DRIVEWAY SECTION



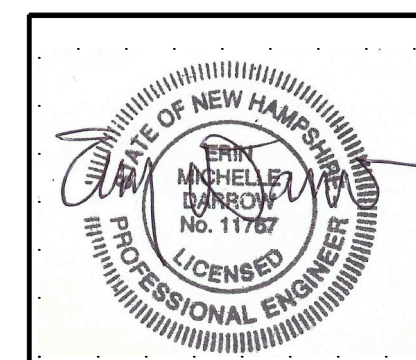
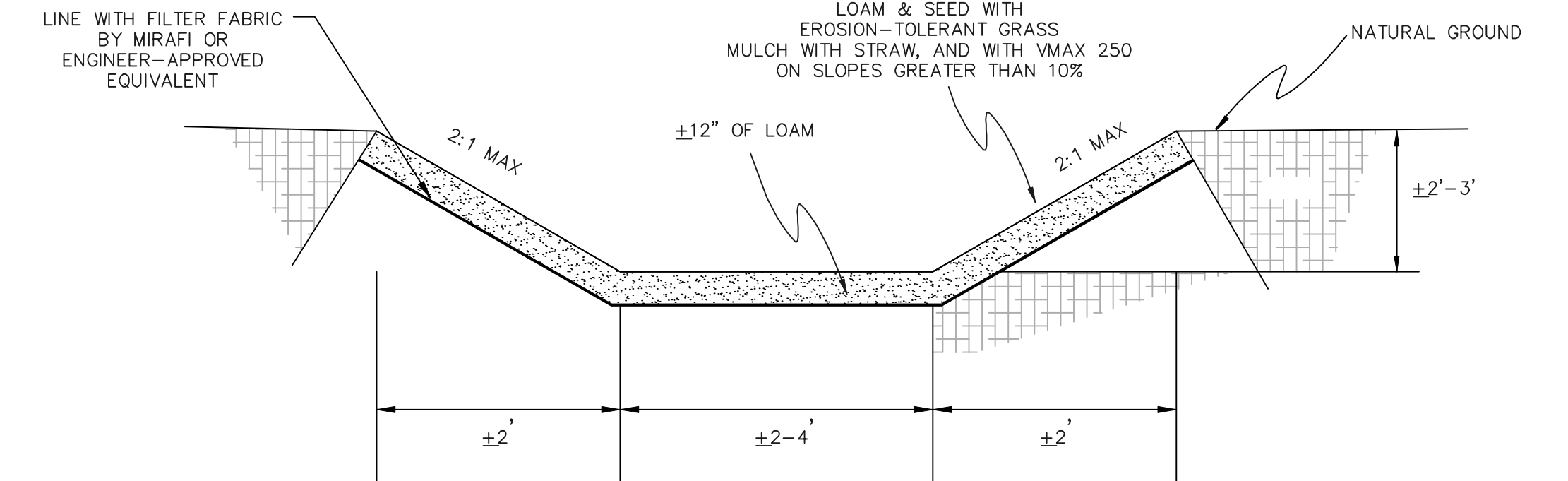
DRY WELL DETAIL

PERFORATED PIPE:  
\*SCHEDULE 40 PVE  
\*3/8" HOLES  
\*4" ON CENTER  
\*90° AROUND PIPE

NOTES:  
1. MANUFACTURED SAND IS NOT ACCEPTABLE IN DRYWELLS.  
2. ALL PERFORATED PIPES MUST BE SCHEDULE 40 PVC OR HIGHER QUALITY, 4 INCH DIAMETER MINIMUM.  
3. DRYWELL LOCATIONS MAY BE FIELD-ADJUSTED BASED UPON SITE CONDITIONS, WITH ENGINEER'S APPROVAL.



GRASS-LINED SWALE NOT-TO-SCALE



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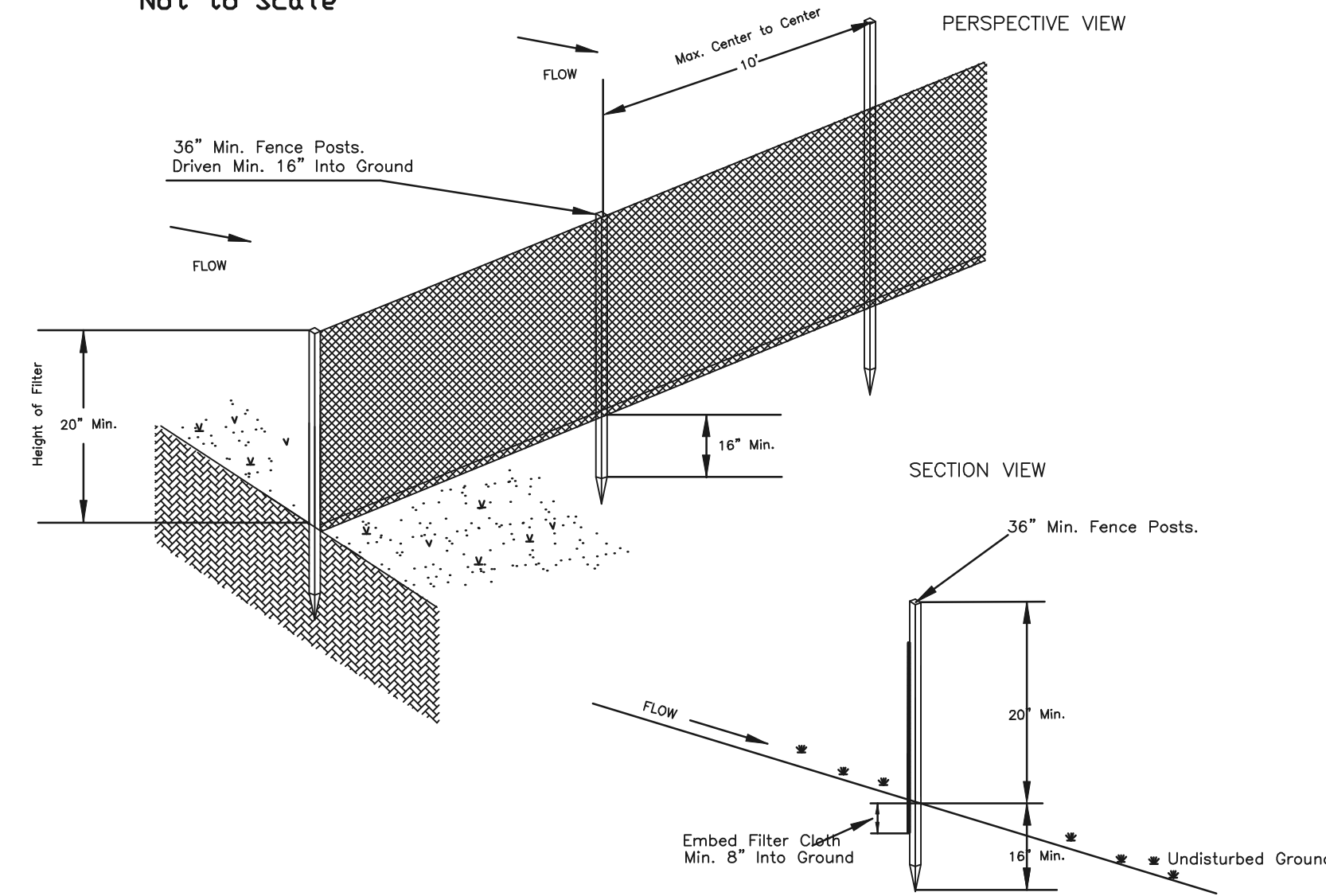
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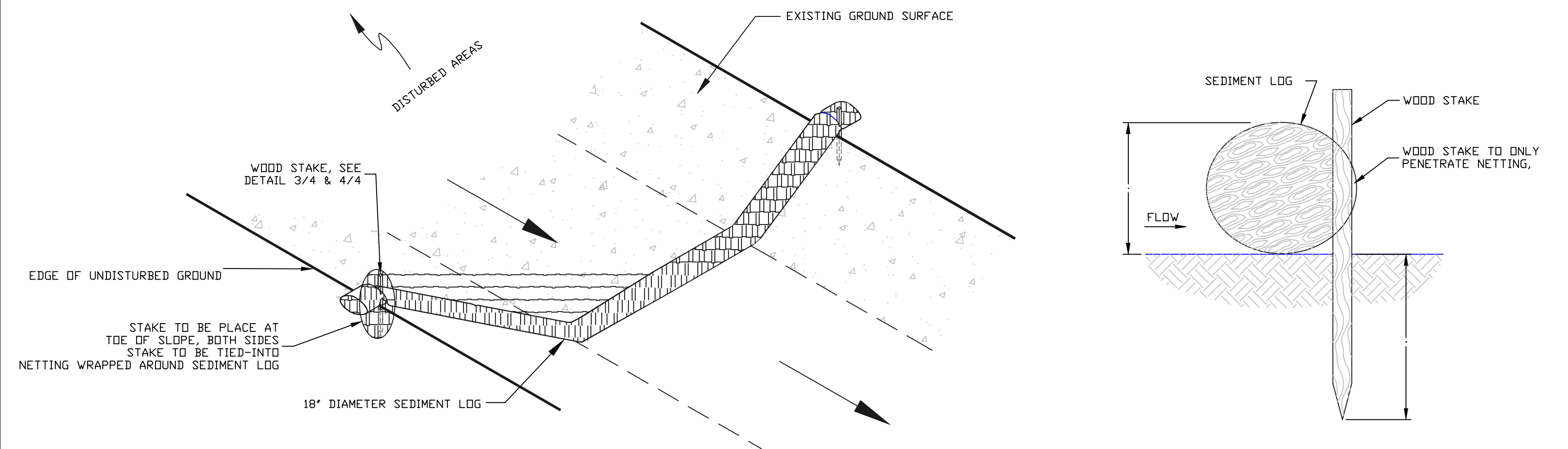
**SILT FENCE**  
Not to Scale



**INSTALLATION PROCEDURE FOR SILT FENCE**

1. Set posts along fence line. Posts shall consist of 2" square wood or 1.33 lb/ft steel.
2. Securely fasten filter fabric and woven wire fence (if provided) to fence posts with wire ties, staples, or other approved methods.
3. Securely fasten filter fabric to the woven wire fence with ties spaced every 600mm (24 in.) at the top, midsection and bottom.
4. When two sections of filter fabric adjoin each other, overlap the sections by 150mm (6 in.), fold, and staple at a post. Securely splice woven wire fence at a post.
5. Place silt fence 1500 mm (5 ft.) beyond the toe of slope or on the contour. At the end of silt fence runs, flare uphill.
6. Inspect during and after significant runoff event(s). Perform maintenance as needed or directed and remove material when "bulges" develop in the silt fence.
7. Remove silt fence, as directed, when no longer needed. Before the silt fence is removed, stabilize with vegetation any sediment which is permitted to remain in place.

**SEDIMENT LOG BARRIER**  
NOT-TO-SCALE



VEGETATIVE MEASURES

TOPSOIL STOCKPILING: TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR LATER USE ON CRITICAL AREAS AND ALL OTHER AREAS TO BE SEEDED. THE STOCK PILE WILL NOT BE COMPACTED AND SHALL BE STABILIZED AGAINST EROSION WITH TEMPORARY SEEDING.

TEMPORARY SEEDING:

A) BEDDING: REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT THREE INCHES TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.

B) FERTILIZER: FERTILIZER SHOULD BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10-10-10 MIX OF FERTILIZER SHOULD BE APPLIED AT A RATE OF 300 POUNDS PER ACRE (OR 7 POUNDS PER 1,000 S.F.)

C) SEED MIXTURE: USE ANY OF THE FOLLOWING:

SPECIES	PER ACRE	PER 1000 S.F.	DATES
WINTER RYE	112 LBS.	2.6 LBS.	8/15 - 10/1 (FALL)
OATS	80 LBS.	2.0 LBS.	4/1 - 7/1 ; 8/15 - 9/15
RYEGRASS (ANNUAL)	40 LBS.	1.0 LBS.	4/1 - 6/1
RYEGRASS (PERENIAL)	30 LBS.	0.7 LBS.	4/1 - 6/1 ; 8/15 - 9/15

D) MULCHING: MULCH SHALL BE USED ON HIGHLY ERODABLE SOIL, ON CRITICALLY ERODING AREAS, AND ON AREAS WHERE CONSERVATION OF MOISTURE WILL FACILITATE PLANT ESTABLISHMENT.

TYPE	RATE PER 1,000 S.F.	USE AND COMMENTS
HAY OR STRAW	70 TO 90 LBS.	MUST BE DRY AND FREE OF MOLD. MAY BE USED WITH PLANTINGS.
WOOD CHIPS OR BARK MULCH	160 TO 920 LBS.	USED MOSTLY WITH TREES AND SHRUBS PLANTINGS.
JUTE AND FIBROUS MATTING	AS PER MANUFACTURERS SPECIFICATIONS	USED IN SCOPE AREAS. WATER COURSED AND OTHER AREAS.
CRUSHED STONE 1/2" TO 1 1/2" DIA.	SPREAD MORE THAN 1/2" THICK	EFFECTIVE IN CONTROLLING WIND AND WATER EROSION.

WINTER STABILIZATION NOTES:

- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

TABLE 1: PERMANENT STABILIZATION SEEDING SCHEDULE

AREA/PURPOSE	DRAINAGE CLASS	SOIL PH	APPROPRIATE MIXTURE (LBS/ACRE)
WINTER ROADS; LANDINGS; WILDLIFE	POORLY	5.0-7.5	REED CANARYGRASS (15) BIRDSFOOT TREFOIL (10) REDTOP (2)
ROADS; TRAILS; LANDINGS; BURNED OVER TERRAIN	EXCESSIVELY TO SOMEWHAT POORLY	4.5-7.5	CREeping RED FESCUE (20) TALL FESCUE (20) REDTOP (2)
ROADS; TRAILS; LANDINGS; BURNED OVER; BRUSH CONTROL	EXCESSIVELY WELL TO SOMEWHAT POORLY	5.5-7.5	FLATPEA (20) TALL FESCUE (20) REDTOP (2)
ROADS; LANDINGS; WILDLIFE	WELL TO MODERATELY POORLY	5.0-7.5	CREeping RED FESCUE (20) BIRDSFOOT TREFOIL (8) REDTOP (2)
ROADS; LANDINGS; WILDLIFE	WELL TO MODERATELY POORLY	5.5-7.5	CROWN VETCH (15) TALL FESCUE (20) CREeping RED FESCUE (10) REDTOP (2)

STATE OF NEW HAMPSHIRE  
ERIN DARROW  
LICENSED PROFESSIONAL ENGINEER  
NO. 11767

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CONSTRUCTION DETAILS PLAN  
MERIDEN LIBRARY CONSTRUCTION  
22 BEAN ROAD  
TAX MAP 104, LOT 23  
MERIDEN, NH 03770

AUGUST 11, 2021

PREPARED FOR OWNER:  
PLAINFIELD LIBRARY BOARD OF TRUSTEES  
22 BEAN ROAD  
MERIDEN, NH 03770

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NO.	DATE	DESCRIPTION	BY
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