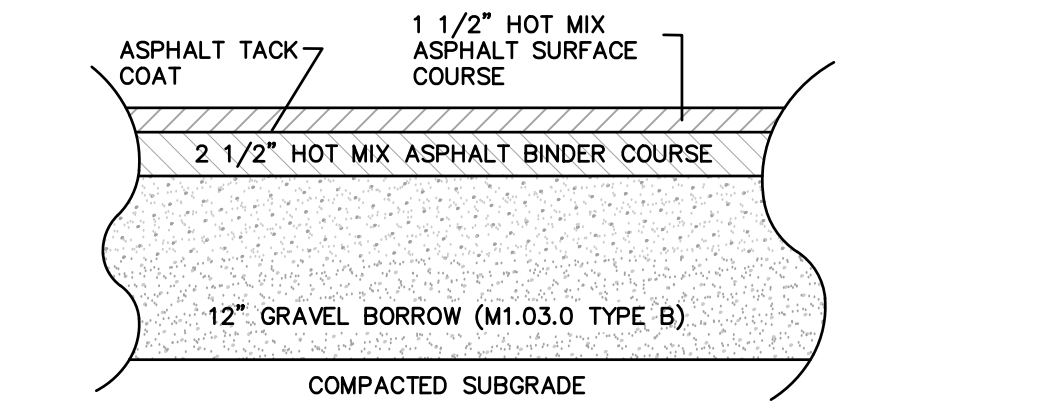
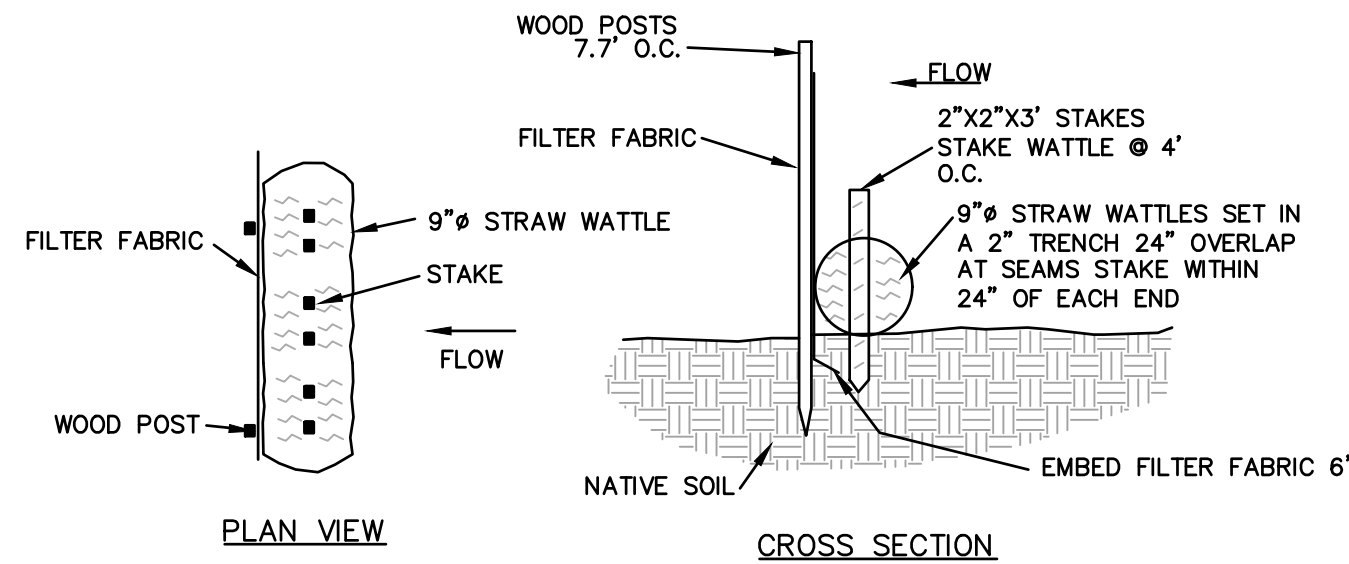


- NOTES:**
- 1) NO WATER PIPE DEPTH SHALL EXCEED 5 FEET FROM FINISHED GRADE
 - 2) CONTRACTOR RESPONSIBLE FOR CONTACTING DIG SAFE PRIOR TO EXCAVATION
 - 3) TRENCH SHALL NOT BE BACKFILLED UNTIL SERVICE HAS BEEN INSPECTED AND APPROVED BY THE WORCESTER D.P.W.
 - 4) WATER SHALL BE TURNED ON BY THE SWD ONLY AFTER APPROVAL
 - 5) ONLY CONTRACTORS APPROVED BY THE SWD SHALL MAKE TAP
 - 6) WATER SERVICE LINES AND METER SHALL BE SIZED BY THE SWD
 - 7) ALL COMPACTION SHALL BE BY MECHANICAL MEANS AT NO GREATER THAN 12 INCH LIFTS
 - 8) NEW AND RENEWED SERVICES SHALL HAVE REMOTE READERS
 - 9) SERVICE SHALL BE FLUSHED BEFORE ACTIVATING TO AVOID METER CLOGGING
 - 10) THERE SHALL BE A HORIZONTAL SEPARATION OF 10 FEET FROM ANY OTHER UTILITY LINE
 - 11) EXISTING CORPORATION SHALL BE CLEANED WHEN A SERVICE IS RENEWED
 - 12) SERVICE SHALL BE LAID PERPENDICULAR TO THE WATER MAIN UNTIL PROPERTY LINE
 - 13) THE WORCESTER D.P.W. RESERVES THE RIGHT TO MODIFY STANDARDS AT THEIR DISCRETION
 - 14) CORPORATION STOPS, CURB STOPS AND SERVICE BOXES SHALL BE OF A TYPE APPROVED BY THE WORCESTER D.P.W.

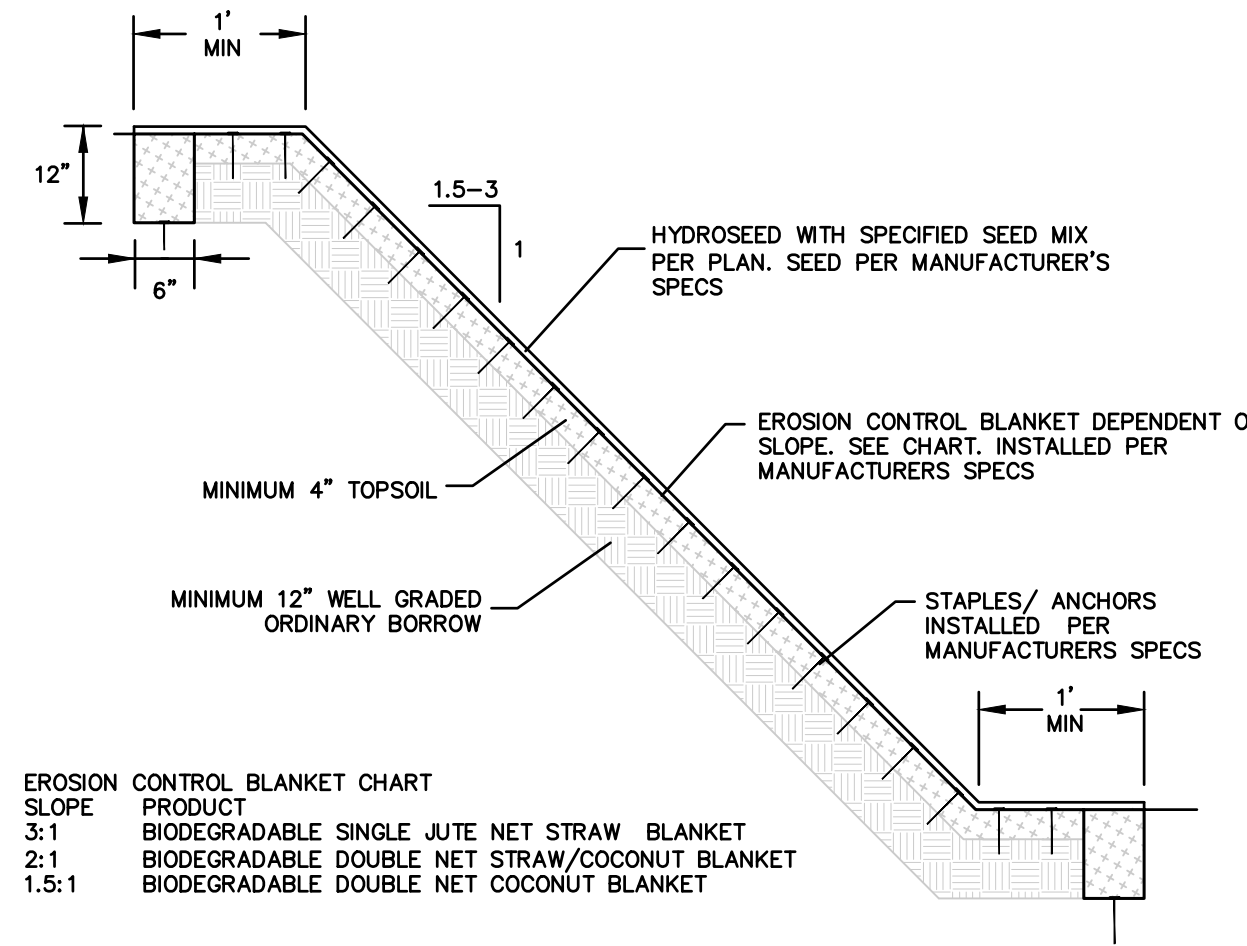
TYPICAL DOMESTIC SERVICE CONNECTION
NOT TO SCALE



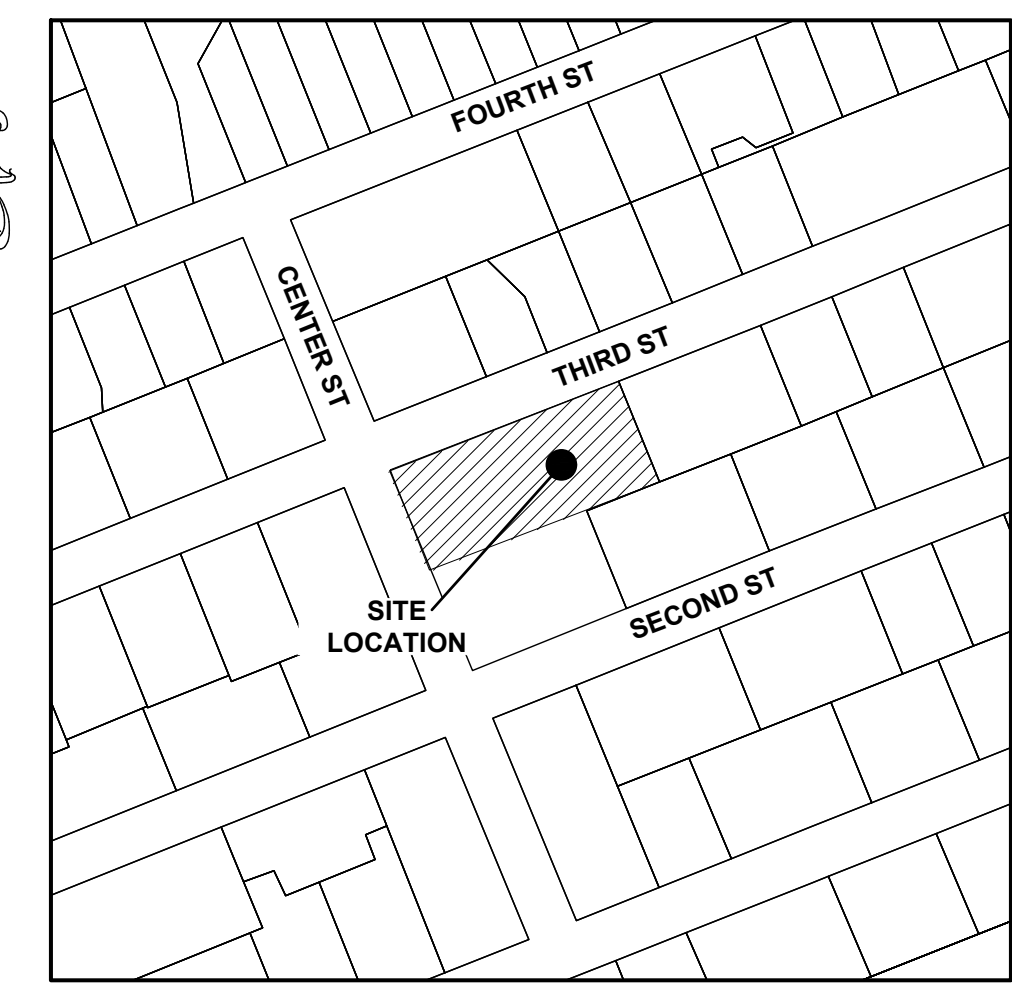
DRIVEWAY BIT. CONC. PAVEMENT DETAIL
NOT TO SCALE



STRAW WATTLE AND SILT FENCE DETAIL
NOT TO SCALE



SLOPE STABILIZATION TREATMENT
NOT TO SCALE



LOCUS PLAN
1"=XXXX'

RECORD OWNERS:

GM PROPERTIES LLC
234 SPRING STREET
SHREWSBURY, MA 01545

DEED & PLAN REFERENCES:

(WORCESTER COUNTY REGISTRY OF DEEDS)
DEED BOOK: 69579 PAGE: 354
PLAN BOOK 974 PLAN 120

TAX MAP REFERENCES:

PARCEL ID: 42-029-00078

GENERAL NOTES:

- 1) THE PURPOSE OF THIS PLAN IS TO SHOW A PROPOSED (2) TWO-FAMILY HOMES AT LOTS 2L-2R AND 3L-3R, THIRD STREET, WORCESTER, MA.
- 2) THIS PLAN IS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO ANY MATTERS THAT SUCH A REPORT MAY DISCLOSE.
- 3) THE SUBJECT PROPERTY IS LOCATED WITHIN THE ZONE (RL7) ZONING DISTRICT. SEE DIMENSIONAL REQUIREMENTS TABLE BELOW

DESCRIPTION AND MAINTENANCE OF EROSION CONTROL MEASURES

TEMPORARY STABILIZATION MEASURES

EROSION CONTROL BARRIERS: COMPLETELY SURROUND TEMPORARY MATERIAL STOCKPILES WITH STRAW WATTLES TO PREVENT TRANSPORTATION OF SEDIMENT. NO STOCKPILES SHALL BE KEPT WITHIN 100' WETLAND BUFFER ZONES.

DUST CONTROL:

TAKE PRECAUTIONS TO PREVENT DUST FROM BECOMING A NUISANCE TO ADJACENT PROPERTY OWNERS. BROOM OFF PAVEMENT AREAS ADJOINING THE EXCAVATION ON A DAILY BASIS. COVER AND/OR KEEP MOIST ALL EARTH STOCKPILES AT ALL TIMES. USE CALCIUM CHLORIDE TO CONTROL DUST OVER CERTAIN AREAS OF THE SITE AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER. CALCIUM CHLORIDE SHALL CONFORM TO ASTM D-98, TYPE 1. THE CONTRACTOR SHALL MAINTAIN AND INSPECT, ON A DAILY BASIS, THE ADEQUACY OF DUST CONTROL MEASURES AND CORRECT ANY DEFICIENCIES IMMEDIATELY.

DEWATERING:

IF DEWATERING IS REQUIRED, WATER SHOULD BE DISCHARGED TO DEWATERING BAGS OR OTHER SEDIMENT REMOVAL DEVICES PRIOR TO DISCHARGE TO RESOURCE AREAS. WATER MAY ALSO BE USED FOR DUST CONTROL AND/OR VEGETATION WATERING.

PERMANENT STABILIZATION MEASURES

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LANDSCAPED AREAS. IF TOPSOIL, SEED, AND/OR MULCH IS WASHED AWAY BY RAINFALL, THE CONTRACTOR SHALL RESTORE THE AREA.

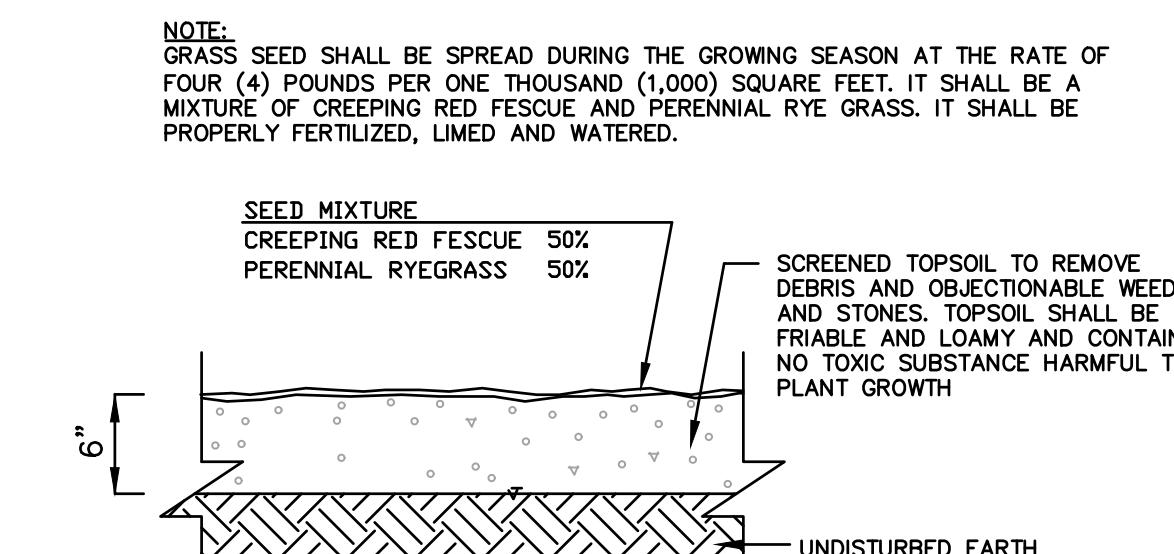
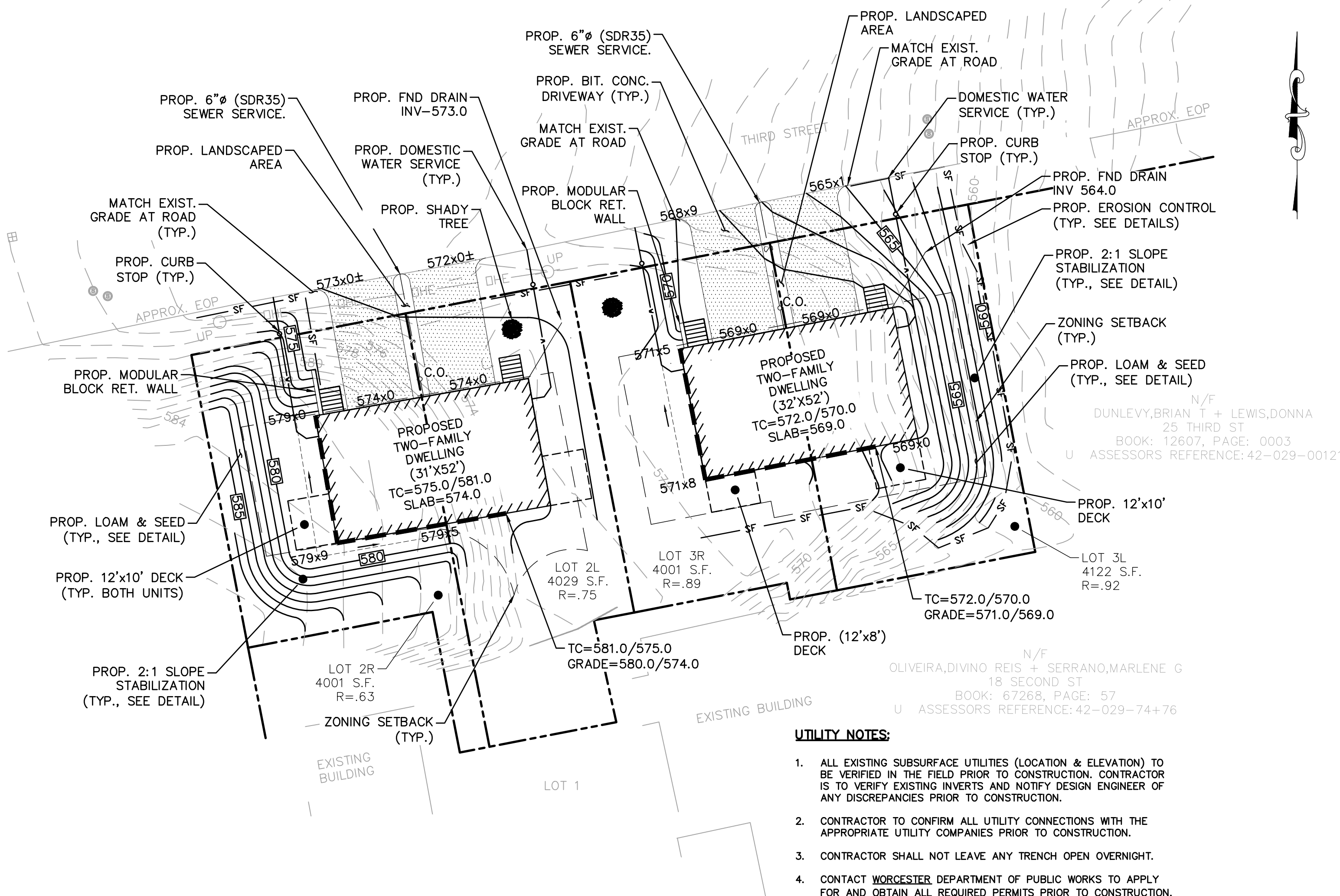
MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

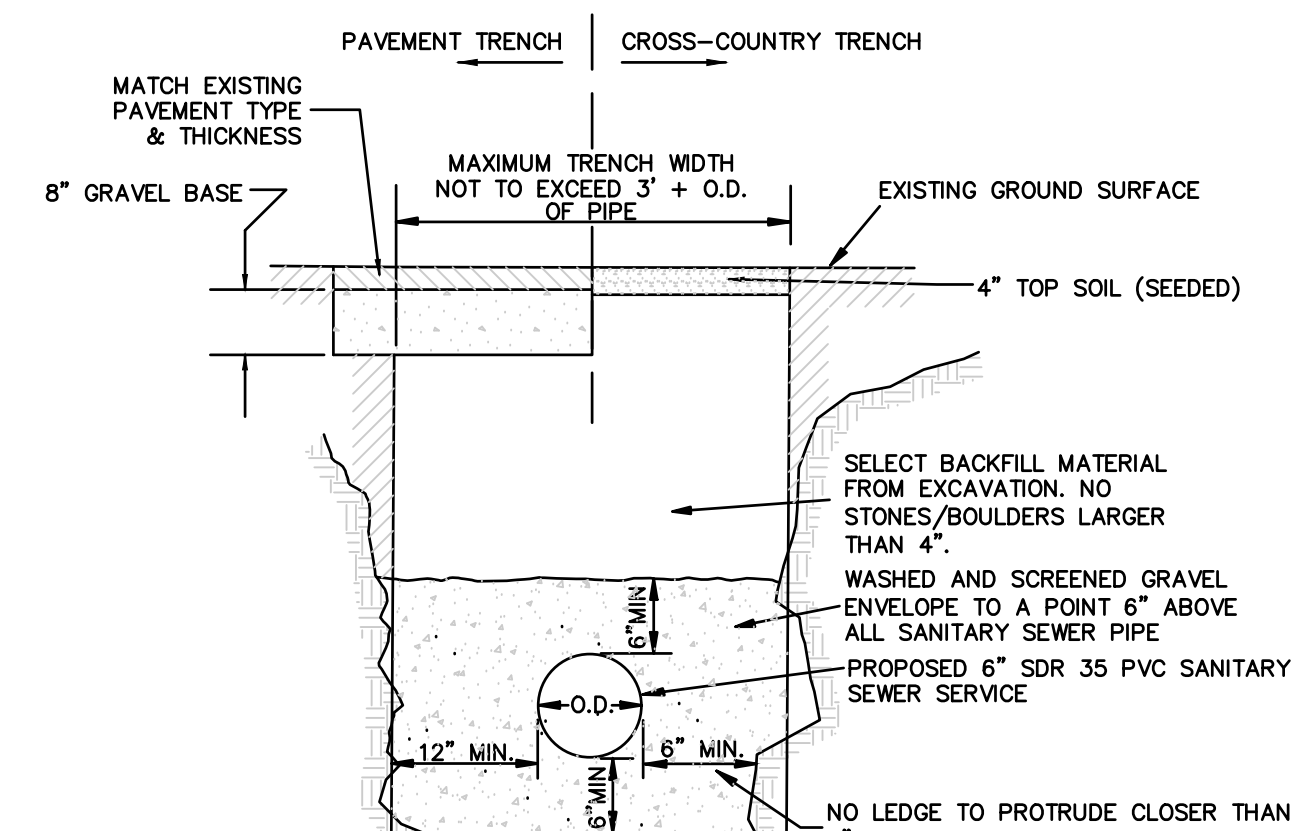
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED, SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCES.

GENERAL CONTROLS

1. CLEANING OF STORMWATER STRUCTURES: CLEAN ALL STORMWATER STRUCTURES INCLUDING, BUT NOT LIMITED TO, PIPES, SWALES, SUBSURFACE RETENTION BASINS, SEDIMENT TRAPS, AND RIPRAP APRONS OF SEDIMENT UPON COMPLETION OF THE PROJECT.
2. PAVEMENT MAINTENANCE: THE CONTRACTOR SHALL SWEEP PAVED ROADWAYS ADJACENT TO THE SITE ON A ROUTINE BASIS TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADWAYS AND WASHING OF MUD INTO WATERWAYS. IF THE CONTRACTOR'S SCHEDULE FOR CLEANING THE PAVEMENT IS FOUND TO BE INADEQUATE BY THE OWNER, OWNER'S REPRESENTATIVE, OR TOWN, THE CONTRACTOR SHALL INCREASE THE FREQUENCY AT NO ADDITIONAL COST TO THE OWNER.
3. WASTE DISPOSAL: THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF COVERED WASTE CONTAINERS TO ENSURE THAT NO LITTER, DEBRIS, BUILDING MATERIALS, OR SIMILAR MATERIALS ARE DISCHARGED TO WETLANDS OR WATERCOURSES. THE CONTRACTOR SHALL INSTRUCT SUBCONTRACTORS TO USE THE CONTAINERS FOR WASTE MATERIAL. THE CONTAINERS SHALL BE PROMPTLY EMPTIED WHEN FULL.



LOAM & SEED DETAIL
NOT TO SCALE



TYPICAL SANITARY SEWER TRENCH SECTION
NOT TO SCALE

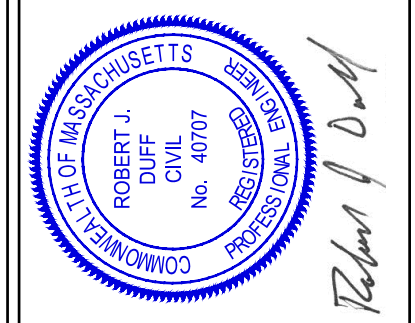
- UTILITY NOTES:**
1. ALL EXISTING SUBSURFACE UTILITIES (LOCATION & ELEVATION) TO BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. CONTRACTOR IS TO VERIFY EXISTING INVERTS AND NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 2. CONTRACTOR TO CONFIRM ALL UTILITY CONNECTIONS WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
 3. CONTRACTOR SHALL NOT LEAVE ANY TRENCH OPEN OVERNIGHT.
 4. CONTACT WORCESTER DEPARTMENT OF PUBLIC WORKS TO APPLY FOR AND OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.

- RESPONSIBILITIES OF OWNER/PERMITEE**
THE OWNER/ PERMITEE SHALL:
- A. PROVIDE THE CONTRACTOR WITH COPIES OF LAND-USE PERMITS THAT THE OWNER HAS ACQUIRED.
 - B. INFORM ALL PARTIES INVOLVED WITH THE PROP. SITE WORK OF THIS PLAN'S OBJECTIVES AND REQUIREMENTS.
- RESPONSIBILITIES OF CONTRACTOR**
THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING EROSION OF THE SITE AND FOR PROTECTING ADJACENT STORM SEWERS AND WATERWAYS FROM SEDIMENTATION. THE CONTRACTOR SHALL:
- A. INSTALL, MONITOR, AND MAINTAIN ALL OF THE SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN.
 - B. READ, UNDERSTAND, AND COMPLY WITH ALL PERMIT REQUIREMENTS AND MAINTAIN A COPY OF APPLICABLE PERMITS ON SITE AT ALL TIMES.

- PRE-CONSTRUCTION**
1. ALL ASPECTS OF EROSION CONTROLS ARE TO BE INSTALLED INCLUDING INSTALLATION OF STRAW WATTLES, AND SILTATION FENCE PRIOR TO ANY SITE WORK BEING PERFORMED.
- INSPECTIONS:**
1. EROSION AND SEDIMENTATION CONTROL INSPECTIONS SHOULD BE CONDUCTED WEEKLY. ANY REPAIRS SHOULD BE MADE IMMEDIATELY.
 2. STORMWATER CONSTRUCTION SITE INSPECTIONS SHOULD BE PERFORMED WEEKLY AND AFTER 1/4" RAINFALL EVENTS. ANY NECESSARY STORMWATER REPAIRS SHOULD BE MADE IMMEDIATELY.
- STABILIZATION:**
1. AREAS OF DISTURBANCE NOT WITHIN PROP. LAWN AREA ARE TO BE SEEDED WITH A GRASS/WILD FLOWER SEED MIX (NEW ENGLAND WETLAND PLANTS CONSERVATION/ WILDLIFE MIX OR EQUAL) PER MANUFACTURER'S SPECIFICATIONS.
 2. CLEAN STRAW IS TO BE LAID OVER ALL AREAS OF SEEDING IF HYDROSEED IS NOT UTILIZED. AREAS ARE TO BE WATERED REGULARLY UNTIL VEGETATION TAKES HOLD.
 3. ALL SLOPES GREATER THAN 3:1 TO BE STABILIZED WITH EITHER RIP RAP SLOPE STABILIZATION OR EROSION CONTROL BLANKETS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. SEE PLAN FOR LOCATIONS AND SPECIFICATIONS. SEE DETAILS.

| DIMENSIONAL REQUIREMENTS | | | |
|--------------------------|------------|-------------------------|----------------|
| DISTRICT USE | REQUIRED | RL7 TWO-FAMILY DWELLING | |
| | | LOTS 3L-3R | LOTS 2L-2R |
| MIN. LOT SIZE | 8,000 S.F. | 8,123 S.F. | 8,030 S.F. |
| MIN. FRONTAGE | 70' | 97.35' | 92.66' |
| MIN. FRONT YARD DEPTH | 20' | 22' | 22' |
| MIN. SIDE YARD DEPTH | 8' | 22' | 22' |
| MIN. REAR YARD DEPTH | 20' | 20' | 21' |
| MAX. BUILDING HEIGHT | 35' | see bldg plans | see bldg plans |
| MAX. LOT COVERAGE | N/A | N/A | |

DIG-SAFE (1-888-344-7233) NOTE:
CONTRACTOR REQUIRED TO NOTIFY "DIG SAFE" 72 HOURS PRIOR TO ANY ON-SITE EXCAVATION OR CONSTRUCTION AT 1-888-344-7233. CONTRACTOR SHALL ALSO NOTIFY LOCAL WATER AND SEWER DEPARTMENTS TO MARK OUT THEIR UTILITIES.



McCLURE ENGINEERING, INC
119 Worcester Road
Charlton, MA 01507
Tel: (508) 248-2005
Fax: (508) 248-4887
Email: rduff@mcclureengineers.com

BUILDING PERMIT PLAN
LOTS 2L/2R and 3L/3R
WORCESTER, MA 01602
PREPARED FOR
GM PROPERTIES LLC
234 SPRING ST
SHREWSBURY, MA 01545

| | |
|-----------|------------|
| DRAWN BY: | JW |
| DATE: | 3/6/2024 |
| CHK BY: | RJD |
| SCALE: | 1"=20' |
| PROJ. NO. | 348-3086-P |