

# PERMIT SITE PLAN

for

## WASHINGTON STREET SHERBORN HOMES, LLC

at

### Lot 3 - Washington Street in Sherborn, MA

#### GENERAL NOTES

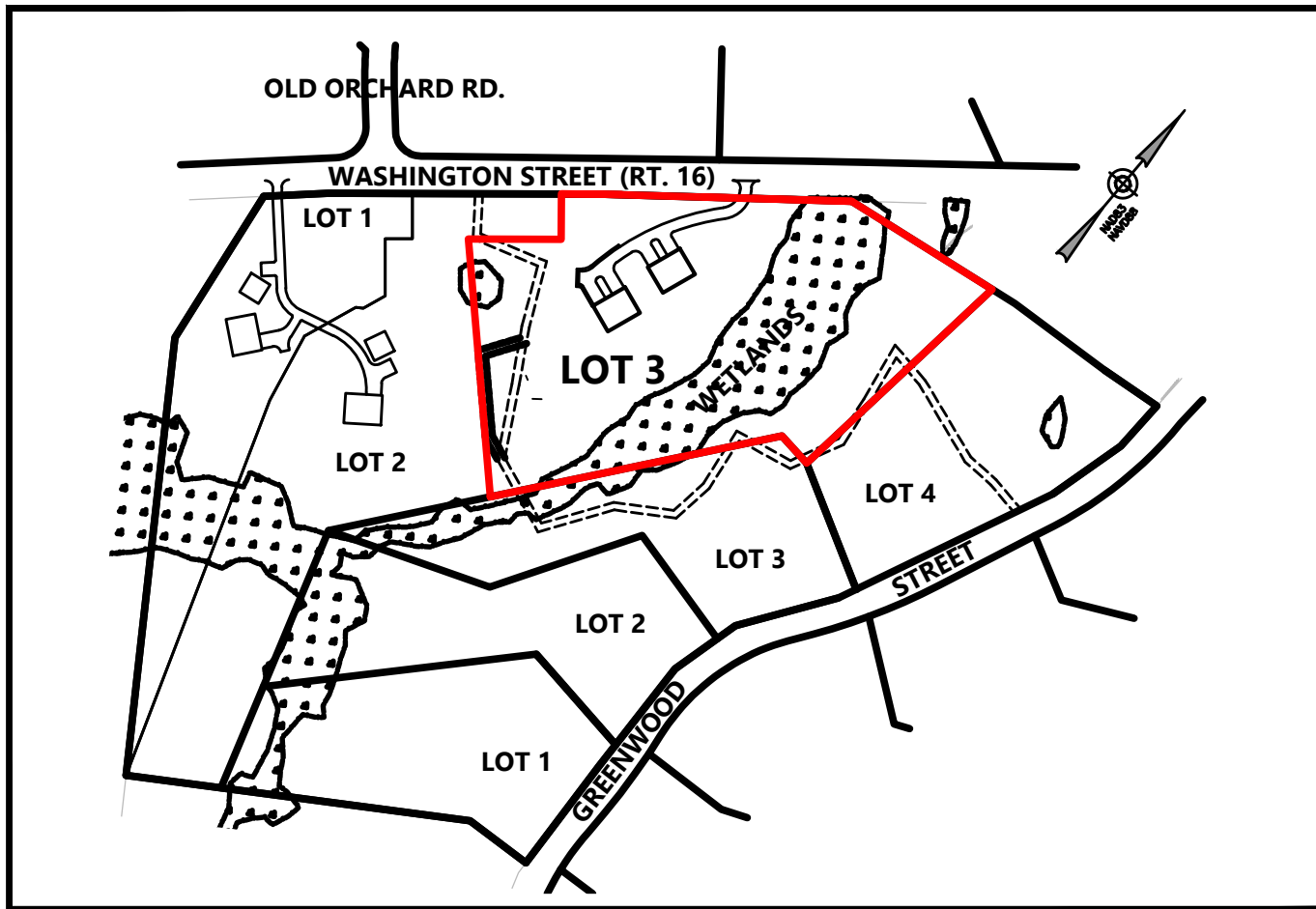
- ELEVATIONS SHOWN HEREON REFER TO NAVD88.
- PROPERTY LINE AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS FROM A PLAN ENTITLED "PLAN OF LAND" BY SAMIOTES CONSULTANTS, INC. AS REVISED THROUGH 01/18/2024.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND RELATIVE ELEVATION OF BENCHMARKS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
- ALL SITE CONSTRUCTION SHALL COMPLY WITH THE TOWN OF SHERBORN DEPARTMENT OF PUBLIC WORKS.
- IN CASES WHERE LEDGE, BURIED FOUNDATIONS OR BOULDERS ARE PRESENT, DGT ASSOCIATES SHALL NOT BE RESPONSIBLE FOR THE AMOUNT OF ROCK OR CONCRETE ENCOUNTERED.
- DGT ASSOCIATES SHALL BE NOTIFIED OF ANY SIGNIFICANT DIFFERENCES IN THE EXISTING CONDITIONS OR UTILITIES THAT MAY AFFECT THE CONSTRUCTION SHOWN ON THIS PLAN FOR ANY NECESSARY PLAN REVISIONS.
- THIS PLAN IS NOT INTENDED TO SHOW AN ENGINEERED BUILDING FOUNDATION DESIGN WHICH WOULD INCLUDE DETAILS AND ELEVATIONS FOR FOOTINGS, FOUNDATION WALL DESIGN AND ANY SUBSURFACE DRAINAGE TO PREVENT FLOODING. COORDINATE WITH THE ARCHITECTURAL AND STRUCTURAL PLANS.
- THE PROPOSED BUILDING CONFIGURATION AS SHOWN HEREON SHALL BE CONSIDERED CONCEPTUAL AND SHALL BE VERIFIED WITH THE FINAL ARCHITECTURAL PLANS AND THE CURRENT ZONING ORDINANCES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ANY EXISTING FEATURES DAMAGED DURING CONSTRUCTION THAT ARE NOT INTENDED FOR DEMOLITION AND/OR REMOVAL HEREON.
- SAFETY MEASURES, CONSTRUCTION METHODS AND CONTROL OF WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

#### GRADING AND UTILITY PLAN NOTES

- LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE ONLY. ALL UTILITIES, OBSTRUCTIONS AND/OR SYSTEMS MAY NOT BE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR LOCATING AND PROTECTING ALL EXISTING UNDERGROUND UTILITIES AND/OR SYSTEMS WHETHER OR NOT SHOWN HEREON.
- UNLESS OTHERWISE SHOWN HEREON, ALL NEW UTILITIES SHALL BE UNDERGROUND.
- RIM ELEVATIONS SHOWN HEREON FOR NEW STRUCTURES ARE PROVIDED TO ASSIST THE CONTRACTOR WITH MATERIAL TAKEOFFS. FINAL RIM ELEVATIONS SHALL MATCH PAVEMENT, GRADING, LANDSCAPING, UNLESS SPECIFICALLY INDICATED OTHERWISE.
- WHERE CONNECTIONS AND STRUCTURES ARE TO BE INSTALLED AT EXISTING UTILITIES, THE CONTRACTOR SHALL CONFIRM THE LOCATION AND ELEVATION PRIOR TO INSTALLATION AND SHALL REPORT ANY SIGNIFICANT DISCREPANCY FROM THE PLAN INFORMATION TO THE ENGINEER.
- CURB RADII AND DIMENSIONS SHOWN HEREON ARE AT THE FACE OF CURB.
- WHERE NEW PAVING MEETS EXISTING PAVING, MEET LINE AND GRADE OF EXISTING.
- AT LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN AND SMOOTH EDGE.
- PERIMETER EROSION CONTROLS SHOWN HEREON SHALL BE INSTALLED PRIOR TO ANY EARTH DISTURBANCE AND SHALL SERVE AS A LIMIT OF WORK, UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY THE ENGINEER.
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT THE TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.

#### REGULATORY NOTES

- THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON FIELD LOCATION OF VISIBLE STRUCTURES AND COMPILING INFORMATION FROM PLANS PROVIDED BY UTILITY COMPANIES AND GOVERNMENT AGENCIES. THE LOCATION SHOWN HEREON SHALL BE CONSIDERED APPROXIMATE. BEFORE ANY CONSTRUCTION, DEMOLITION OR SITE WORK, THE LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BY CONTACTING "DIG-SAFE" AT 811.
- THE CONTRACTOR SHALL MAKE HIMSELF AWARE OF ALL CONSTRUCTION REQUIREMENTS, CONDITIONS AND LIMITATIONS IMPOSED BY PERMITS AND APPROVALS ISSUED BY REGULATORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORK. CONTRACTOR SHALL COORDINATE AND OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY REGULATORY AUTHORITIES.
- ALL WORK OUTSIDE OF THE BUILDING THAT IS LESS THAN 10 FEET FROM THE INSIDE FACE OF THE BUILDING FOUNDATIONS SHALL CONFORM WITH THE UNIFORM STATE PLUMBING CODE OF MASSACHUSETTS, 248 CMR.
- CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).



SITE LOCUS MAP

1" = 250'

#### SHEET INDEX

C-1	TITLE SHEET
C-2	OVERALL SITE PLAN
C-3	EROSION & SEDIMENT CONTROL PLAN
C-4	EROSION & SEDIMENT CONTROL NOTES & DETAILS
C-5	LAYOUT AND MATERIALS PLAN
C-6	SITE GRADING AND DRAINAGE PLAN
C-7	SITE UTILITIES PLAN
C-8	SITE DETAILS - 01
C-9	SITE DETAILS - 02

EX-1 PLAN OF LAND BY SAMIOTES CONSULTANTS, INC. AS REVISED THROUGH 01/18/2024

Table 1. Summary of Project Site Conditions

General Site Conditions	Land Condition	Land Breakdown	Acres	Square Feet	Coverage (%)
	Usable Land	Total Area	4.6250	201,463	100.0%
	Unusable Land	Upland	3.3607	146,393	72.7%
		Wetlands	1.2642	55,070	37.6%
Existing Conditions	Disturbed	Total	0.0000	0	0.0%
		Building	0.0000	0	0.0%
	Impervious	Pavement	0.0000	0	0.0%
		Sidewalk	0.0000	0	0.0%
	Pervious	Lawn (usable open space)	0.0000	0	0.0%
	Undisturbed	Total	4.6250	201,463	100.0%
	Usable Open Space	Upland Woods	3.3607	146,393	72.7%
	Unusable Open Space	Wetlands	1.2642	55,070	27.3%
	Total Usable Open Space	Upland Woods	3.3607	146,393	72.7%
	Disturbed	Total	1.1872	51,713	25.7%
Proposed Conditions		Building	0.0918	4,000	2.0%
	Impervious	Pavement	0.1455	6,338	3.1%
		Sidewalk	0.0000	0	0.0%
	Pervious	Lawn (usable open space)	0.9498	41,375	20.5%
	Undisturbed	Total	3.4378	149,750	74.3%
	Usable Open Space	Upland Woods	2.1736	94,680	47.0%
	Unusable Open Space	Wetlands	1.2642	55,070	27.3%
	Total Usable Open Space	Lawn / Woods	3.1234	136,055	67.5%
	Disturbed	Total	1.1872	51,713	25.7%
		Building	0.0918	4,000	2.0%

Table 2. Summary of Proposed Buildings (Two Duplex Buildings)

Units	4
Bedrooms per Unit	3
Total Bedroom Count	12

Table 3. Zoning Summary Table (Sherborn Residential B District)

Item	Required	Proposed Conditions	Waiver Required
Minimum Lot Area	2 acres	4.6250 acres	No
Minimum Frontage	200 feet	391 feet	No
Minimum Lot Width	200 feet	391 feet	No
Minimum Lot Depth	N/A	N/A	N/A
Minimum Front Setback	60 feet	70.3 feet	No
Minimum Side Setback	40 feet	99.0 feet	No
Minimum Rear Setback	30 feet	185.7 feet	No
Maximum Height (stories)	2.5 stories	< 2.5 stories	No
Maximum Height (feet)	35 feet	< 35 feet	No
Maximum Lot Coverage	N/A	N/A	N/A

Lot Coverage	
Building	2.0%
Parking / Paved Areas	3.1%
Usable Open Space	67.5%
Unusable Open Space (wetlands)	27.3%
Lot Coverage	5.1%

OWNER/APPLICANT:

WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770

PARCEL ID:

MAP 7, LOT 0, BLOCK 49

ISSUED FOR:

COMPREHENSIVE  
PERMIT APPLICATION




NO. APP DATE DESCRIPTION

DATE: JUNE 5, 2025

SCALE: 1" = 30'

DESIGN: BEC/KMR	DRAFTED: BEC/KMR	CHECKED: BEC
--------------------	---------------------	-----------------

PROJECT TITLE:

LOT 3  
WASHINGTON  
STREET

0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770

SHEET TITLE:

TITLE SHEET

SHEET:  
1 OF 9

PROJECT NO.:  
F-25902

C-1



OWNER/APPLICANT:

**WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770**

PARCEL ID:

**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:

**COMPREHENSIVE  
PERMIT APPLICATION**



NO.	APP	DATE	DESCRIPTION

DATE: **JUNE 5, 2025**

SCALE: **1" = 50'**

DESIGN:	DRAFTED:	CHECKED:
<b>BEC/KMR</b>	<b>BEC/KMR</b>	<b>BEC</b>

PROJECT TITLE:

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:

**OVERALL  
SITE PLAN**

SHEET:  
**2 OF 9**

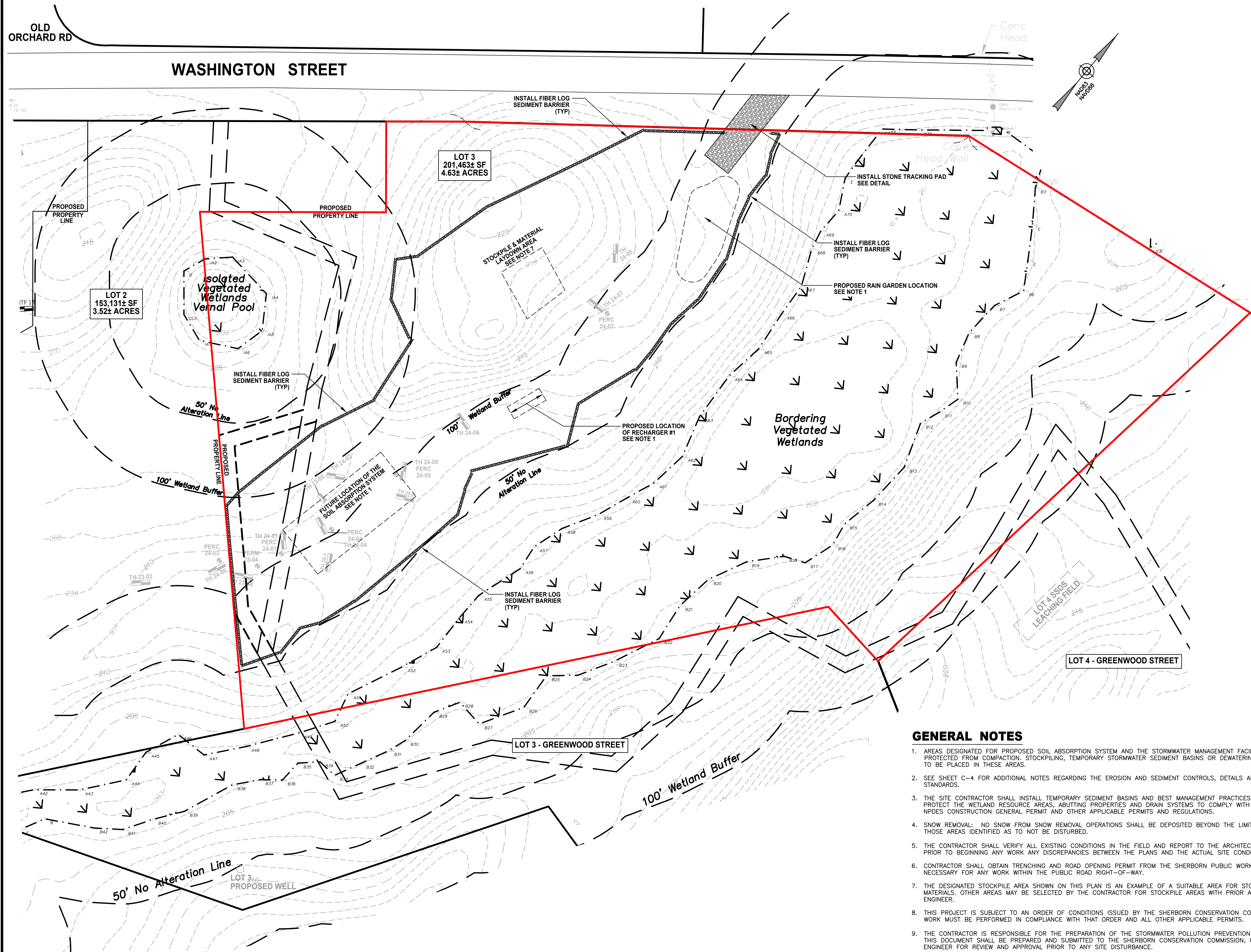
PROJECT NO.:  
**F-25902**

**C-2**

© 2025 BY DGT ASSOCIATES

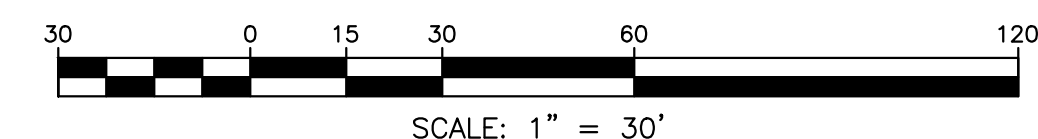






## GENERAL NOTES

1. AREAS DESIGNATED FOR PROPOSED SOIL ABSORPTION SYSTEM AND THE STORMWATER MANAGEMENT FACILITIES ARE TO BE PROTECTED FROM COMPACTION, STOCKPILING, TEMPORARY STORMWATER SEDIMENT BASINS OR DEWATERING BASINS ARE NOT TO BE PLACED IN THESE AREAS.
2. SEE SHEET C-4 FOR ADDITIONAL NOTES REGARDING THE EROSION AND SEDIMENT CONTROLS, DETAILS AND PERFORMANCE STANDARDS.
3. THE SITE CONTRACTOR SHALL INSTALL TEMPORARY SEDIMENT BASINS AND BEST MANAGEMENT PRACTICES AS NECESSARY TO PROTECT THE WETLAND RESOURCE AREAS, ABUTTING PROPERTIES AND DRAIN SYSTEMS TO COMPLY WITH THE FEDERAL NPDES CONSTRUCTION GENERAL PERMIT AND OTHER APPLICABLE PERMITS AND REGULATIONS.
4. SNOW REMOVAL: NO SNOW FROM SNOW REMOVAL OPERATIONS SHALL BE DEPOSITED BEYOND THE LIMIT OF WORK NOR IN THOSE AREAS IDENTIFIED AS TO NOT BE DISTURBED.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT TO THE ARCHITECT AND/OR ENGINEER PRIOR TO BEGINNING ANY WORK ANY DISCREPANCIES BETWEEN THE PLANS AND THE ACTUAL SITE CONDITIONS.
6. CONTRACTOR SHALL OBTAIN TRENCHING AND ROAD OPENING PERMIT FROM THE SHERBORN PUBLIC WORKS DEPARTMENT AS NECESSARY FOR ANY WORK WITHIN THE PUBLIC ROAD RIGHT-OF-WAY.
7. THE DESIGNATED STOCKPILE AREA SHOWN ON THIS PLAN IS AN EXAMPLE OF A SUITABLE AREA FOR STOCKPILING OF SOIL MATERIALS. OTHER AREAS MAY BE SELECTED BY THE CONTRACTOR FOR STOCKPILE AREAS WITH PRIOR APPROVAL OF THE ENGINEER.
8. THIS PROJECT IS SUBJECT TO AN ORDER OF CONDITIONS ISSUED BY THE SHERBORN CONSERVATION COMMISSION. ALL WORK MUST BE PERFORMED IN COMPLIANCE WITH THAT ORDER AND ALL OTHER APPLICABLE PERMITS.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THIS DOCUMENT SHALL BE PREPARED AND SUBMITTED TO THE SHERBORN CONSERVATION COMMISSION, OWNER, AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY SITE DISTURBANCE.



PARCEL ID:

**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:

**COMPREHENSIVE  
PERMIT APPLICATION**



NO.	APP.	DATE	DESCRIPTION

DATE: **JUNE 5, 2025**

SCALE: **1" = 30'**

DESIGN: <b>BEC/KMR</b>	DRAFTED: <b>BEC/KMR</b>	CHECKED: <b>BEC</b>
---------------------------	----------------------------	------------------------

PROJECT TITLE:

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:

## EROSION AND SEDIMENT CONTROL PLAN

SHEET:  
**3 OF 9**

PROJECT NO.:  
**F-25902**

**C-3**



EROSION AND SEDIMENT CONTROL NOTES

1. CONSTRUCTION PERIOD EROSION AND SEDIMENT CONTROL

- 1.1 THE PURPOSE OF THE CONSTRUCTION PERIOD EROSION AND SEDIMENT CONTROL PLAN IS TO MINIMIZE THE INTRODUCTION OF SEDIMENTS ONTO PUBLIC RIGHT OF WAYS, ABUTTING PROPERTIES, WETLAND RESOURCE AREAS AND TO POST-DEVELOPMENT STORMWATER BMP'S RESULTING FROM THE LAND DISTURBANCE ACTIVITIES DURING CONSTRUCTION.
- 1.2 INSPECTIONS SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR ON A BI-WEEKLY BASIS (EVERY TWO WEEKS), OR FOLLOWING SIGNIFICANT STORM EVENTS (RAINFALL OF 0.5" OR MORE) THAT CAN AFFECT THE SEDIMENT AND EROSION CONTROL PRACTICES IMPLEMENTED AT THE SITE. THE PURPOSE OF THE INSPECTIONS IS TO EVALUATE THE EFFECTIVENESS OF THE CONTROLS AND ANY REQUIRED MAINTENANCE ACTIVITIES. IF AN EROSION/SEDIMENTATION CONTROL MEASURE IS FOUND TO BE INADEQUATE FOR PROPERLY CONTROLLING SEDIMENT, AN ADEQUATE MEASURE SHALL BE DESIGNED AND IMPLEMENTED. A COPY OF THE WRITTEN INSPECTION SHALL BE KEPT ON FILE AT THE CONSTRUCTION SITE.
- 1.3 DURING CONSTRUCTION, PROPOSED STORMWATER MANAGEMENT STRUCTURES SHALL BE PROTECTED FROM SEDIMENT. ALL PROPOSED NEW STORMWATER MANAGEMENT STRUCTURES THAT INFILTRATE RUNOFF ARE PARTICULARLY SENSITIVE TO DAMAGE BY SEDIMENT. INFILTRATION TECHNOLOGIES ARE NOT DESIGNED TO HANDLE THE HIGH CONCENTRATIONS OF SEDIMENTS TYPICALLY FOUND IN CONSTRUCTION RUNOFF, AND MUST BE PROTECTED FROM CONSTRUCTION RELATED SEDIMENT LOADINGS. SITE RUNOFF FROM UNSTABILIZED AREAS SHALL NOT BE DISCHARGED INTO THE PROPOSED INFILTRATION SYSTEMS (RECHARGERS), TRENCH DRAIN OR RAIN GARDEN UNTIL THE TRIBUTARY DRAINAGE AREA IS STABLE OR THE RUNOFF IS TREATED TO BE ESSENTIALLY FREE FROM SEDIMENT TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE TEMPORARY BY-PASS SYSTEMS AS NECESSARY TO PREVENT CONSTRUCTION SITE RUNOFF FROM ENTERING THE INFILTRATION SYSTEMS. THE STORMWATER BMP'S SHALL REMAIN OFF-LINE AND PROTECTED. CLEAN ROOF RUNOFF MAY DISCHARGE INTO THE STORMWATER BMP'S IF IT IS PIPED DIRECTLY TO THE SYSTEMS AND NOT DIRECTED OVER DISTURBED AREAS.
- 1.4 NO STOCKPILING IS ALLOWED WITHIN THE FOOTPRINT OF THE PROPOSED STORMWATER BMP'S OR THE FOOTPRINT OF THE PROPOSED SOIL ABSORPTION FIELD. CONTRACTOR IS TO LOCATE THE PROPOSED AREAS FOR THESE SYSTEMS PRIOR TO THE START OF CONSTRUCTION.
- 1.5 NO PARKING IS ALLOWED OVER THE STORMWATER BMP'S OR THE FOOTPRINT OF THE PROPOSED SOIL ABSORPTION SYSTEM AT ANYTIME DURING THE CONSTRUCTION PROCESS.

2. GENERAL PERFORMANCE STANDARDS:

- 2.1 THE CONTRACTOR SHALL INSTALL, ROUTINELY INSPECT AND MAINTAIN ALL SEDIMENT AND EROSION CONTROLS SUCH THAT THEY ARE IN PROPER WORKING ORDER AT ALL TIMES DURING THE CONSTRUCTION PROJECT UNTIL SUCH TIME AS ALL AREAS OF THE SITE TRIBUTARY TO THOSE EROSION CONTROLS ARE IN A PERMANENTLY STABILIZED CONDITION.
- 2.2 THE CONTRACTOR SHALL MANAGE THE SITE SUCH THAT EROSION AND SEDIMENT FROM RUNOFF AND WIND BLOWN DUST ARE CONTROLLED AND MINIMIZED AT ALL TIMES. THE EROSION CONTROLS SHOWN ON THIS PLAN INCLUDE THE INITIAL SETUP OF EROSION CONTROLS AND BASIC INFORMATION TO MEET THE REQUIREMENT OF BEST MANAGEMENT PRACTICES. THE CONTRACTOR MUST MANAGE THE SITE PROPERLY WHICH MAY INCLUDE, BUT NOT BE LIMITED TO: MINIMIZING AREAS OF EXPOSED SOILS; INSTALLING TEMPORARY COVER; MAKE NECESSARY ADJUSTMENTS TO THE EROSION CONTROL INSTALLATIONS TO IMPROVE FUNCTION; PROVIDE TEMPORARY SEDIMENT BASINS; INSTALL ADDITIONAL EROSION CONTROL WHERE NECESSARY.
- 2.3 THE EROSION CONTROL WORK SHOWN ON THIS PLAN ARE ALSO SUBJECT TO OTHER APPROVALS. THE CONTRACTOR SHALL OBTAIN AND BE RESPONSIBLE FOR COMPLIANCE WITH THE CONDITIONS AND REQUIREMENTS OF THOSE PERMITS.
- 2.4 DESIGN, INSTALLATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROLS SHALL BE IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES FOLLOWING THE GUIDELINES INCLUDE IN THE FOLLOWING:
- "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES" U.S. ENVIRONMENTAL PROTECTION AGENCY, OCTOBER 1992.
  - "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, A GUIDE FOR PLANNERS, DESIGNERS AND MUNICIPAL OFFICIALS", MASS. EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS, MAY 2003.
  - U.S.D.A. NATURAL RESOURCES AND CONSERVATION SERVICES (NRCS) GUIDELINES.

3. FEDERAL NPDES PHASE II COMPLIANCE:

- 3.1 THIS PROJECT IS SUBJECT TO THE FEDERAL CLEAN WATER ACT REQUIREMENTS FOR CONSTRUCTION SITES ADMINISTERED BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA). THIS PROGRAM IS THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) - PHASE II FOR CONSTRUCTION SITES. FOR COMPLIANCE WITH THIS PROGRAM, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A COMPLETE "STORMWATER POLLUTION PREVENTION PLAN" (SWPPP) IN CONFORMANCE WITH THE CURRENT CONSTRUCTION GENERAL PERMIT AND FILING A NOTICE OF INTENT WITH THE EPA UNDER THE NPDES PROGRAM. THE CONTRACTOR SHALL THEN MANAGE THE SITE IN COMPLIANCE WITH THE SWPPP AND IN COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT. NOTE THAT THE SWPPP IS TO BE CONSISTENT WITH THIS EROSION AND SEDIMENT CONTROL PLAN AND OTHER APPLICABLE APPROVALS. THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THIS PLAN SET MAY BE USED AS PART OF THE DOCUMENTATION REQUIRED FOR THE PREPARATION OF A SWPPP, BUT IS NOT TO BE CONSIDERED AS MEETING THE FULL REQUIREMENTS OF A SWPPP PREPARED FOR COMPLIANCE WITH THE NPDES PROGRAM.
4. PERIMETER FIBER LOG, CONSTRUCTION FENCE AND LIMIT OF WORK:
- 4.1 PRIOR TO ANY DISTURBANCE OR ALTERATIONS OF ANY AREA ON THE SITE, AN EROSION CONTROL BARRIER AND CONSTRUCTION FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN.
- 4.2 INSTALL THE FIBER LOGS AS SHOWN. IN THOSE AREAS WHERE THE TOPOGRAPHY INDICATES THAT STORMWATER RUNOFF WILL BE CONCENTRATED (AT LOW POINTS), ADDITIONAL FIBER LOGS, AS NECESSARY, SHALL BE STAKED ON THE UPGRADIENT SIDE OF THE SEDIMENT BARRIER FOR ADDED FILTRATION AND PROTECTION. THE REQUIRED LOCATIONS FOR THE ADDED FIBER LOG INSTALLATION WILL BE SELECTED BY THE ENGINEER AND / OR THE AUTHORIZED INSPECTOR / SWPPP COORDINATOR UPON COMPLETION OF THE SEDIMENT BARRIER INSTALLATION. (SEE DETAIL).
- 4.3 ONCE INSTALLED, THE STAKED FIBER LOGS AND CONSTRUCTION FENCE SHALL BE MAINTAINED IN PLACE UNTIL ALL AREAS UPGRADIENT FROM THE BARRIERS HAVE BEEN PERMANENTLY STABILIZED.
- 4.4 ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED OR WHERE SPECIAL STABILIZATION MEASURES OR LANDSCAPE PLANTINGS ARE PROPOSED SHALL BE LOAMED AND SEEDED OR SODDED. SIX INCHES OF LOAM TOPSOIL (MIN. COMPACTED DEPTH) SHALL BE APPLIED UNLESS, OTHERWISE SPECIFIED.
- 4.5 THE PERIMETER FIBER LOGS AND CONSTRUCTION FENCE ARE ALSO LIMITS OF WORK. ALL AREAS OUTSIDE THE LIMIT ARE TO BE LEFT UNDISTURBED. DURING THE SITE WORK, ALL PERSONS AND EQUIPMENT SHALL STAY OUT OF THESE AREAS TO PRESERVE THE EXISTING VEGETATION AND SOIL COVER.

5. CONSTRUCTION ENTRANCE:

- 5.1 AT THE START OF SITE WORK, A STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE ACCESS TO THE SITE TO CONTROL THE TRACKING OF MUD OFF THE SITE. THE ENTRANCE SHALL BE MAINTAINED UNTIL THE SITE IS IN A STABILIZED CONDITION WHEN THE POSSIBILITY OF VEHICLES TRACKING MUD OFF SITE HAS BEEN ELIMINATED.
- 5.2 THE CONTRACTOR SHALL SWEEP THE ADJACENT ROADWAYS WHEN MUD, DUST, DIRT, DEBRIS, ETC. HAS SHOWN SIGNS OF BUILDUP. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THIS MATTER AND IMMEDIATE ATTENTION IS ALWAYS REQUIRED.

6. DEWATERING OF EXCAVATIONS:

- 6.1 DISCHARGE FROM DEWATERING PUMPS OR TEMPORARY TRENCH OR EXCAVATION DRAINS SHALL NOT BE DISCHARGED DIRECTLY TO THE STORMWATER BMP'S, WETLANDS, OR SEWAGE DISPOSAL SYSTEM. DISCHARGES SHALL BE DIRECTED TO A TREATMENT SYSTEM CONSISTING OF A SEDIMENT BASIN, STRAW BALE SEDIMENT BASIN, FILTER BAG SYSTEM OR OTHER APPROVED METHOD TO FILTER THE DISCHARGE WATER AND PREVENT EROSION.
- 6.2 ALL DEWATERING DRAINAGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE TOWN OF SHERBORN REQUIREMENTS, UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, MASSACHUSETTS DEP AND OTHER APPROPRIATE AGENCIES. UNDER NO CIRCUMSTANCE SHALL DEWATERING DRAINAGE BE DISCHARGED INTO SANITARY SEWER.

7. SOIL STOCKPILES:

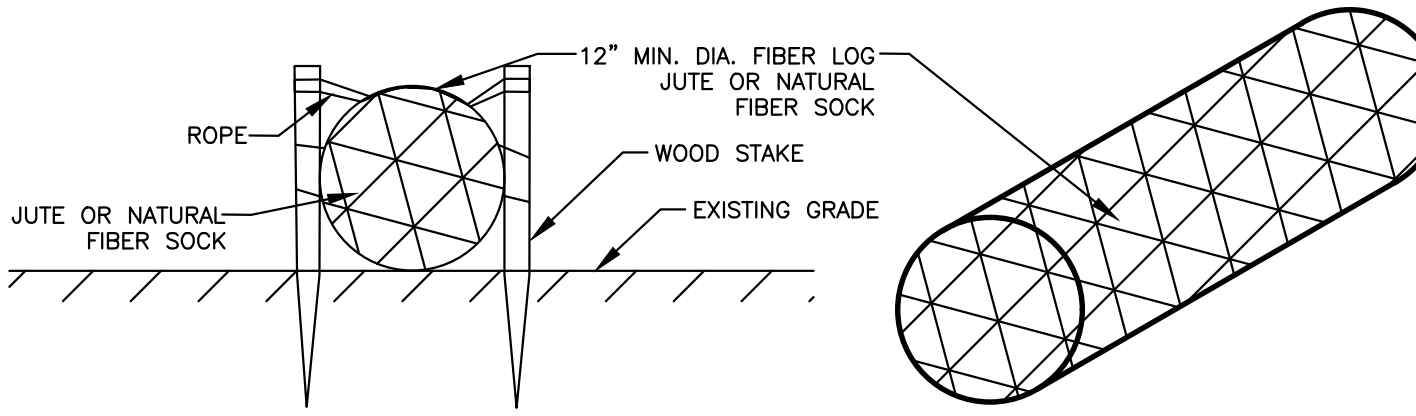
- 7.1 STOCKPILES OF SOIL MATERIALS SHALL BE PLACED WITHIN AREAS THAT ARE PROTECTED BY PERIMETER EROSION CONTROLS, OR SHALL BE SURROUNDED BY PROPER SILT FENCE OR FIBER LOGS.
- 7.2 STOCKPILES THAT ARE TO BE IN PLACE FOR EXTENDED PERIODS OF TIME (MORE THAN 30 DAYS) SHALL BE COVERED OR OTHERWISE TEMPORARILY STABILIZED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES.

8. CATCH BASIN INLET PROTECTION

- 8.1 CATCH BASINS AND THE TRENCH DRAIN WITHIN THE WORK AREA OR THAT WILL RECEIVE RUNOFF FROM THE WORK AREA SHALL BE PROTECTED WITH A SILT SACK AND OR OTHER APPROVED INSTALLATION TO MINIMIZE THE SEDIMENT LOAD.

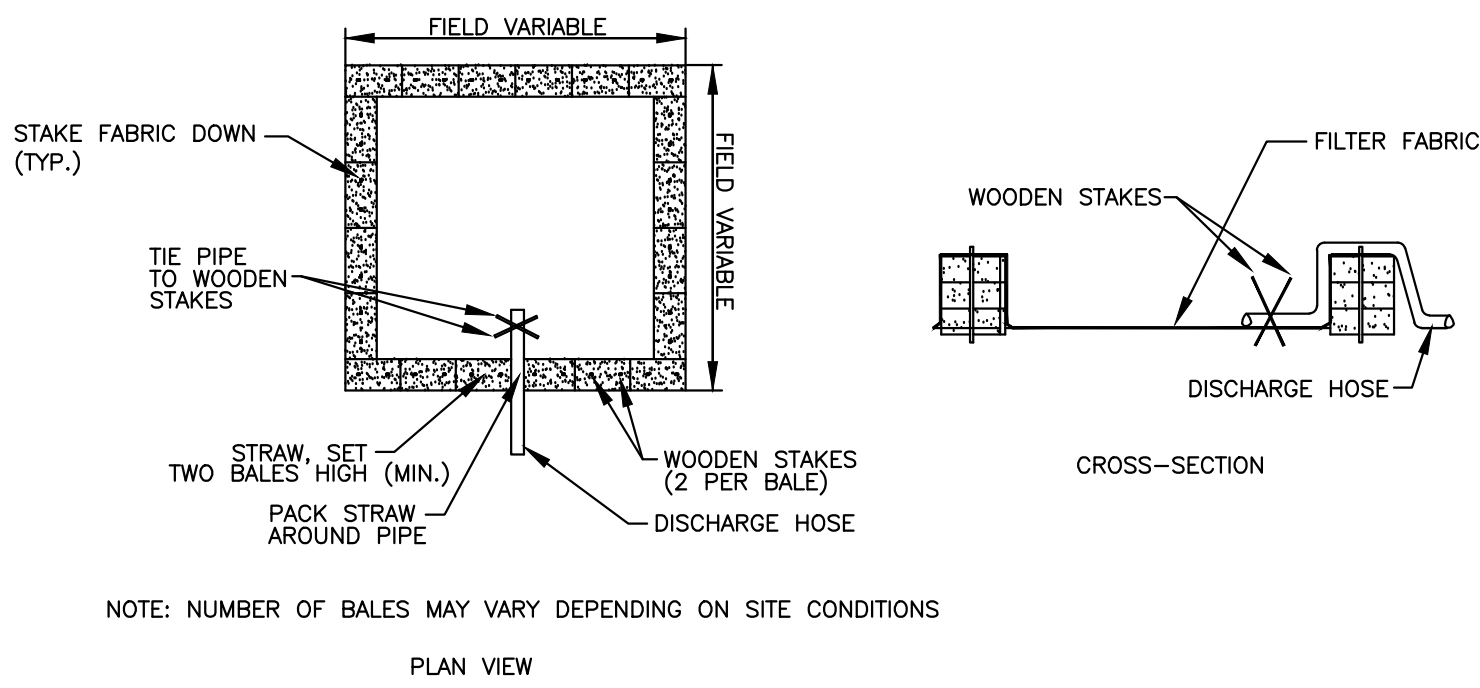
9. DUST CONTROL:

- 9.1 THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES DURING SITE WORK TO MINIMIZE WIND BLOWN DUST FROM EXPOSED SOIL SURFACES. MEASURES INCLUDE BUT ARE NOT LIMITED TO:
- SPRINKLING WATER ON EXPOSED SURFACES
  - APPLICATION OF TEMPORARY COVER SUCH AS HYDRO MULCH AND TACKIFIER, STRAW MATTING, JUTE NETTING ETC.



- INSTALLATION NOTES FOR FIBER LOGS:
1. LAY THE FIBER LOG AS SHOWN ON THE PLANS.
  2. INSTALL APPROXIMATELY 4-6 WOOD STAKES THROUGH THE TWINE/NETTING ALONG THE FIBER LOG AS NEEDED TO HOLD THE LOG IN PLACE.
  3. DRIVE THE STAKE INTO THE GROUND DEEP ENOUGH TO HOLD THE LOG.
  4. IN PAVED AREAS, SECURE FIBER LOG WITH CONCRETE BLOCKS OR SAND BAGS.
  5. THE FILLING OF THE FIBER LOG SHALL BE WITH COMPOST OR OTHER APPROVED MATERIAL.
  6. FIBER LOG SHALL BE 12 INCHES (MIN) IN DIAMETER UNLESS OTHERWISE NOTED ON THE PLANS.

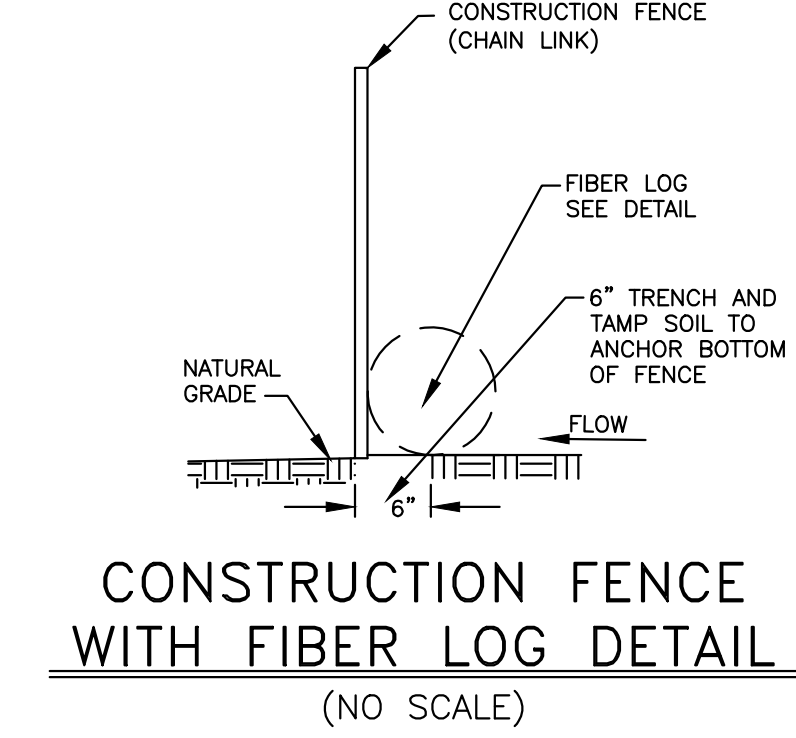
SEDIMENT BARRIER (FIBER LOG)  
(NO SCALE)



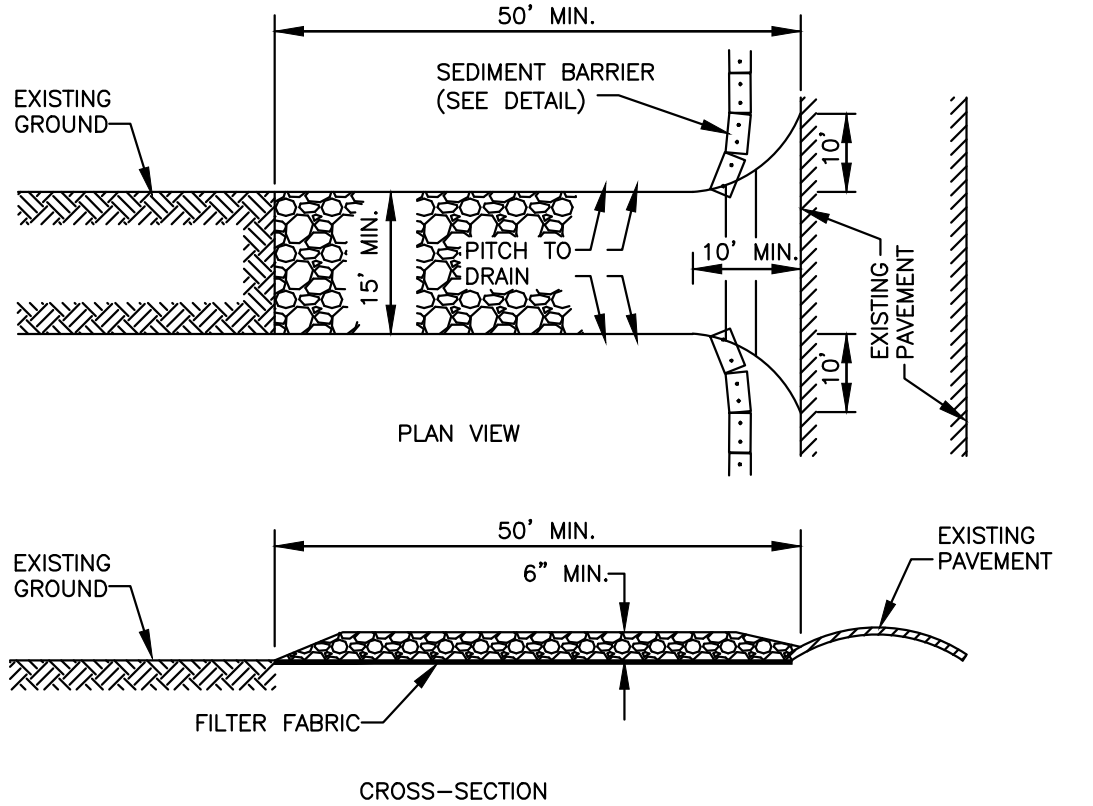
DEWATERING OF EXCAVATIONS NOTES:

1. DISCHARGE FROM DEWATERING PUMPS OR TEMPORARY TRENCH OR EXCAVATION DRAINS SHALL NOT DISCHARGE DIRECTLY TO WETLAND RESOURCE AREAS, ON-SITE SUBSURFACE SEWAGE DISPOSAL SYSTEM, OR STORMWATER BMP'S. THE DISCHARGES SHALL BE DIRECTED INTO A CONSTRUCTED SEDIMENT BASIN OR A STRAW BALE SETTLING BASIN.

STRAW BALE SETTLING BASIN  
(NO SCALE)

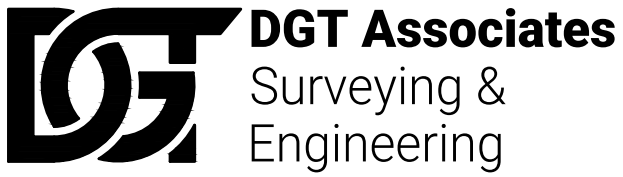


CONSTRUCTION FENCE WITH FIBER LOG DETAIL  
(NO SCALE)



- CROSS-SECTION
- CONSTRUCTION SPECIFICATIONS:
1. STONE SIZE - USE 1 1/2" TO 3 1/2" WASHED, ANGULAR STONE.
  2. THICKNESS - NOT LESS THAN SIX (6) INCHES.
  3. WIDTH - FIFTEEN (15) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  4. FILTER FABRIC - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. USE MIRAFI HP-370 OR EQUAL.
  5. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF WAY MUST BE REMOVED IMMEDIATELY.
  6. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED.

STONE TRACKING PAD (CONSTRUCTION ENTRANCE)  
(NO SCALE)



Framingham  
Boston • Worcester • Preston, CT

1071 Worcester Road  
Framingham, MA 01701  
508-879-0030

www.DGTassociates.com

OWNER/APPLICANT:

WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770

PARCEL ID:

MAP 7, LOT 0, BLOCK 49

ISSUED FOR:

COMPREHENSIVE  
PERMIT APPLICATION




NO.	APP	DATE	DESCRIPTION
-----	-----	------	-------------

DATE: JUNE 5, 2025

SCALE: AS NOTED

DESIGN:	DRAFTED:	CHECKED:
BEC/KMR	BEC/KMR	BEC

PROJECT TITLE:

LOT 3  
WASHINGTON  
STREET

0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770

SHEET TITLE:

EROSION AND  
SEDIMENT CONTROL  
NOTES & DETAILS

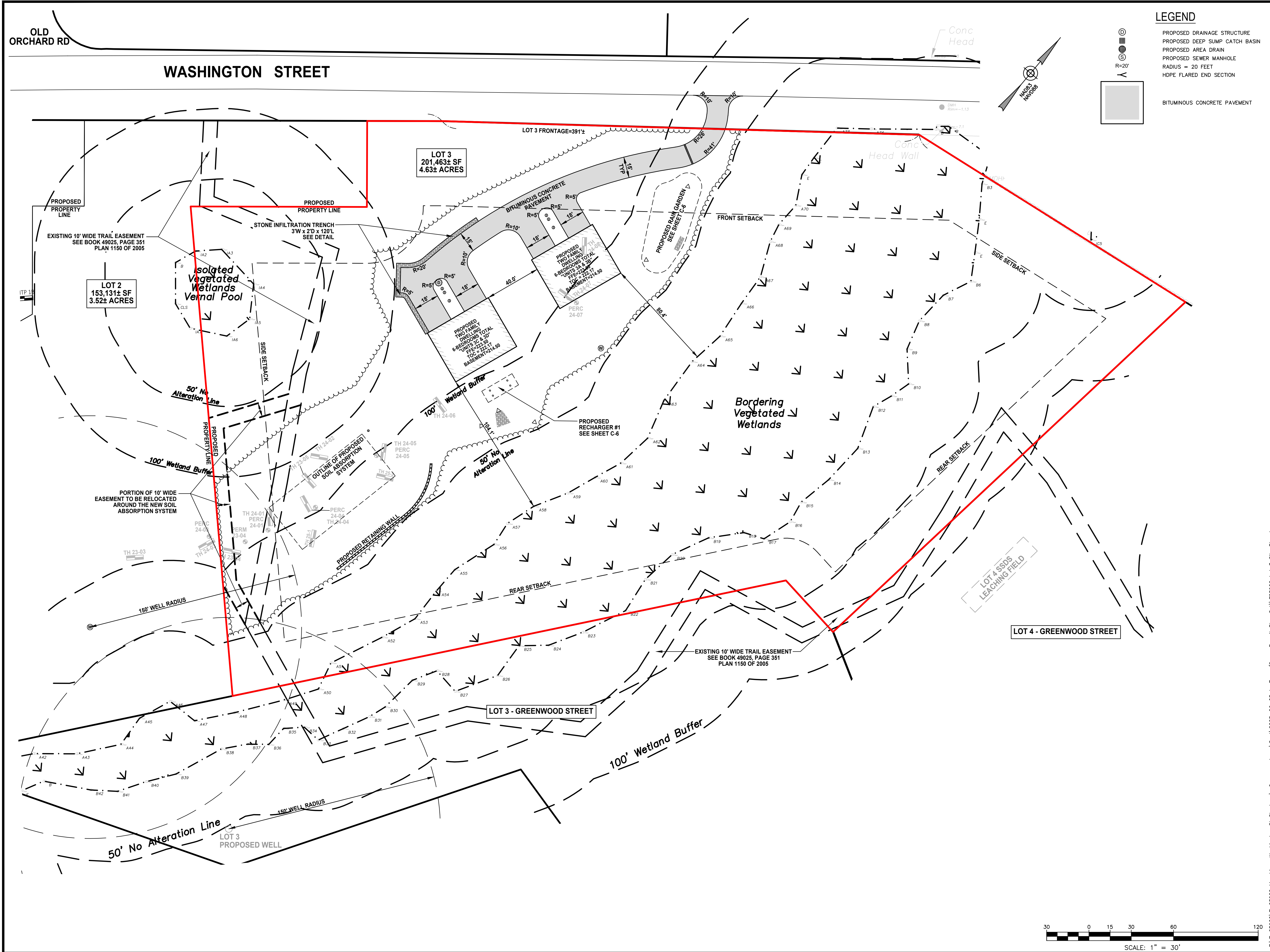
SHEET:  
4 OF 9

PROJECT NO.:  
F-25902

C-4

© 2025 BY DGT ASSOCIATES





**DGT Associates**  
 Surveying & Engineering  
 Framingham  
 Boston • Worcester • Preston, CT  
 1071 Worcester Road  
 Framingham, MA 01701  
 508-879-0030  
 www.DGTassociates.com

OWNER/APPLICANT:  
**WASHINGTON STREET  
 SHERBORN HOMES, LLC  
 ROBERT MURCHISON  
 177 LAKE STREET  
 SHERBORN, MA 01770**

PARCEL ID:  
**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:  
**COMPREHENSIVE  
 PERMIT APPLICATION**

NO.	APP	DATE	DESCRIPTION

DATE: **JUNE 5, 2025**

SCALE: **1" = 30'**

DESIGN:	DRAFTED:	CHECKED:
<b>BEC/KMR</b>	<b>BEC/KMR</b>	<b>BEC</b>

PROJECT TITLE:  
**LOT 3  
 WASHINGTON  
 STREET**  
**0 WASHINGTON STREET  
 SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:  
**LAYOUT AND  
 MATERIALS PLAN**

SHEET:  
**5 OF 9**

PROJECT NO.:  
**F-25902**

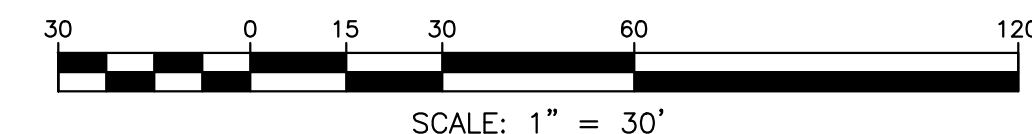
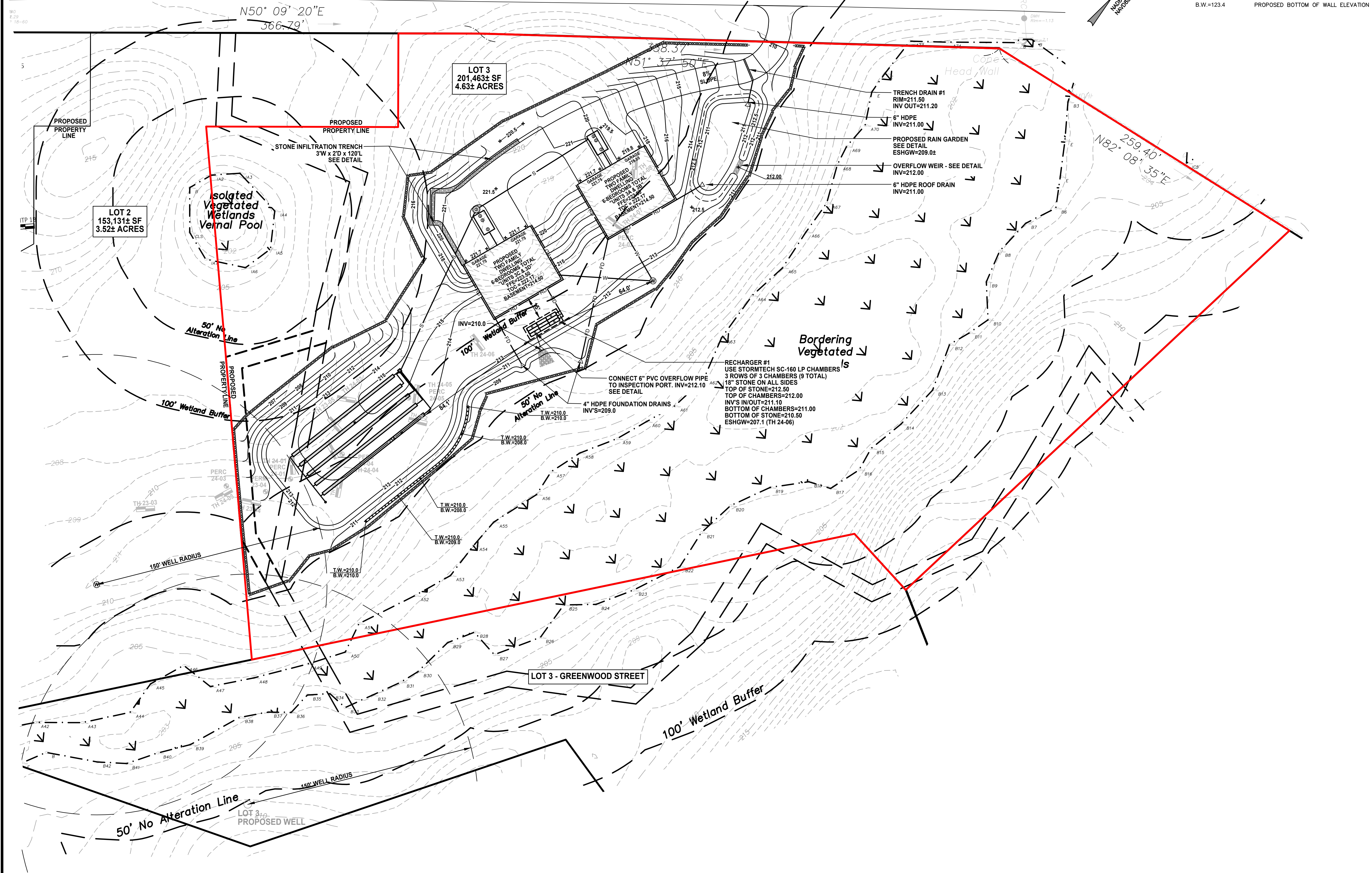
**C-5**

© 2025 BY DGT ASSOCIATES

F:\F-25902\F-25902 Murchison Washington St Sherborn Correspondence\Set\2025-06-05 to Town (Comp Permit Plan Set)\F25902 Lot 3 Site Plan.dwg



**WASHINGTON STREET**



### LEGEND

—123—	PROPOSED CONTOUR ELEVATION
—RD—	PROPOSED ROOF DRAIN LINE
—FD—	PROPOSED FOUNDATION DRAIN
—W—	PROPOSED WATER SERVICE LINE
SMHⓈ	PROPOSED SEWER MANHOLE
HDPE	HIGH DENSITY POLYETHYLENE
+123.4	PROPOSED SPOT ELEVATION
T.W.=123.4	PROPOSED TOP OF WALL ELEVATION
B.W.=123.4	PROPOSED BOTTOM OF WALL ELEVATION



**Framingham**  
**Boston • Worcester • Preston, CT**

1071 Worcester Road  
Framingham, MA 01701  
508-879-0030

www.DGTassociates.com

OWNER/APPLICANT:

**WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770**

PARCEL ID:

**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:

## COMPREHENSIVE PERMIT APPLICATION



NO.	APP.	DATE	DESCRIPTION

DATE: **JUNE 5, 2025**

SCALE: **1" = 30'**

DESIGN: <b>BEC/KMR</b>	DRAFTED: <b>BEC/KMR</b>	CHECKED: <b>BEC</b>
---------------------------	----------------------------	------------------------

PROJECT TITLE:

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:

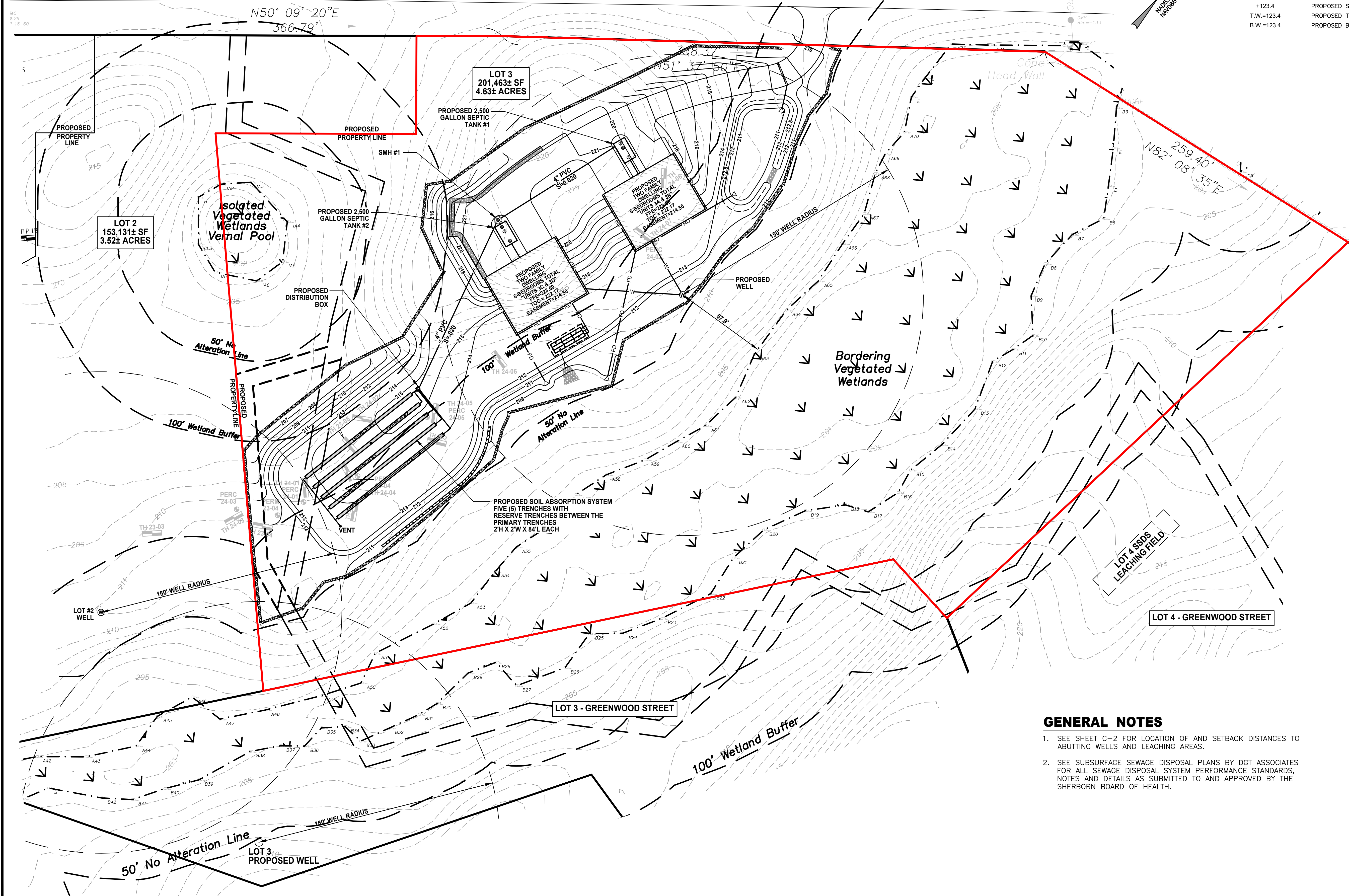
## SITE GRADING AND DRAINAGE PLAN

SHEET:  
**6 OF 9**

PROJECT NO.:  
**F-25902**

**C-6**





—123—	PROPOSED CONTOUR ELEVATION
—D—	PROPOSED DRAIN LINE
—FD—	PROPOSED FOUNDATION DRAIN
DMH⊙	PROPOSED DRAIN MANHOLE
STU⊙	PROPOSED STORMWATER TREATMENT UNIT
CB■	PROPOSED DEEP SUMP CATCH BASIN
SMH⊙	PROPOSED SEWER MANHOLE
HDPE	HIGH DENSITY POLYETHYLENE
+123.4	PROPOSED SPOT ELEVATION
T.W.=123.4	PROPOSED TOP OF WALL ELEVATION
B.W.=123.4	PROPOSED BOTTOM OF WALL ELEVATION



1071 Worcester Road  
Framingham, MA 01701  
508-879-0030

www.DGTassociates.com

OWNER/APPLICANT:

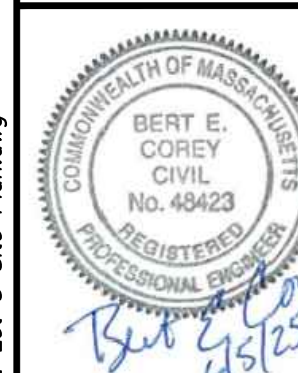
**WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770**

PARCEL ID:

**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:

## COMPREHENSIVE PERMIT APPLICATION

[illegible]

DATE: **JUNE 5, 2025**

SCALE: 1" = 30'

DESIGN: <b>BEC/KMR</b>	DRAFTED: <b>BEC/KMR</b>	CHECKED: <b>BEC</b>
---------------------------	----------------------------	------------------------

PROJECT TITLE:	
----------------	--

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:

## SITE UTILITIES PLAN

SHEET:  
**7 OF 9**

PROJECT NO.  
**E-25902**

C-7

© 2025 BY DGT ASSOCIATES

30 0 15 30 60 1

SCALE: 1" = 30'



OWNER/APPLICANT:

**WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770**

PARCEL ID:

**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:

**COMPREHENSIVE  
PERMIT APPLICATION**



NO.	APP	DATE	DESCRIPTION
-----	-----	------	-------------

DATE: **JUNE 5, 2025**

SCALE: **AS NOTED**

DESIGN:	DRAFTED:	CHECKED:
<b>BEC/KMR</b>	<b>BEC/KMR</b>	<b>BEC</b>

PROJECT TITLE:

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**

SHEET TITLE:

**SITE DETAILS - 01**

SHEET:  
**8 OF 9**

PROJECT NO.:  
**F-25902**

**C-8**

RAIN GARDEN CALCULATIONS:

CALCULATE RECHARGE VOLUME REQUIRED TO INFILTRATE 1.0" OF SURFACE STORMWATER RUNOFF FROM THE UNIT 3A & 3B ROOF AREA AND THE NEW DRIVEWAY.

PROPOSED IMPERVIOUS AREAS: 2,000 SF (ROOF) + 6,338 SF (DRIVEWAY) = 8,338 SF TOTAL

REQUIRED RECHARGE = (8,338 SF) (1.0 IN) (FT/12 IN) = 695 C.F.

PROVIDED STORAGE VOLUME = 1,377 CF WITHIN THE RAIN GARDEN AND BELOW THE WEIR (SEE BELOW)

**F25902 Proposed Conditions Model** Type III 24-hr 2 Year Rainfall=3.35"  
Prepared by DGT Associates Printed 6/5/2025  
HydroCAD® 10.00-26 s/n 01078 © 2020 HydroCAD Software Solutions LLC

Stage-Area-Storage for Pond RG: Rain Garden

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
211.00	1,147	0	212.04	1,652	1,443
211.02	1,156	23	212.06	1,668	1,476
211.04	1,164	46	212.08	1,684	1,509
211.06	1,173	70	212.10	1,700	1,543
211.08	1,182	93	212.12	1,716	1,577
211.10	1,191	117	212.14	1,732	1,612
211.12	1,200	141	212.16	1,749	1,647
211.14	1,208	165	212.18	1,765	1,682
211.16	1,217	189	212.20	1,781	1,717
211.18	1,226	214	212.22	1,798	1,753
211.20	1,235	238	212.24	1,814	1,789
211.22	1,244	263	212.26	1,831	1,826
211.24	1,253	288	212.28	1,848	1,862
211.26	1,262	313	212.30	1,864	1,900
211.28	1,271	338	212.32	1,881	1,937
211.30	1,281	364	212.34	1,898	1,975
211.32	1,290	390	212.36	1,915	2,013
211.34	1,299	416	212.38	1,932	2,051
211.36	1,308	442	212.40	1,949	2,090
211.38	1,317	468	212.42	1,966	2,129
211.40	1,327	494	212.44	1,984	2,169
211.42	1,336	521	212.46	2,001	2,209
211.44	1,345	548	212.48	2,018	2,249
211.46	1,355	575	212.50	2,036	2,289
211.48	1,364	602			
211.50	1,374	629			
211.52	1,383	657			
211.54	1,393	685			
211.56	1,402	713			
211.58	1,412	741			
211.60	1,422	769			
211.62	1,431	798			
211.64	1,441	826			
211.66	1,451	855			
211.68	1,460	884			
211.70	1,470	914			
211.72	1,480	943			
211.74	1,490	973			
211.76	1,500	1,003			
211.78	1,510	1,033			
211.80	1,520	1,063			
211.82	1,530	1,094			
211.84	1,540	1,124			
211.86	1,550	1,155			
211.88	1,560	1,186			
211.90	1,570	1,218			
211.92	1,580	1,249			
211.94	1,590	1,281			
211.96	1,600	1,313			
211.98	1,611	1,345			
212.00	1,621	1,377			
212.02	1,637	1,410			

RECHARGER #1 CALCULATIONS:

CALCULATE RECHARGE VOLUME REQUIRED TO INFILTRATE 1.0" OF STORMWATER RUNOFF FROM THE UNIT 3C & 3D ROOF AREA.

PROPOSED ROOF AREA: 2,000 SF TOTAL

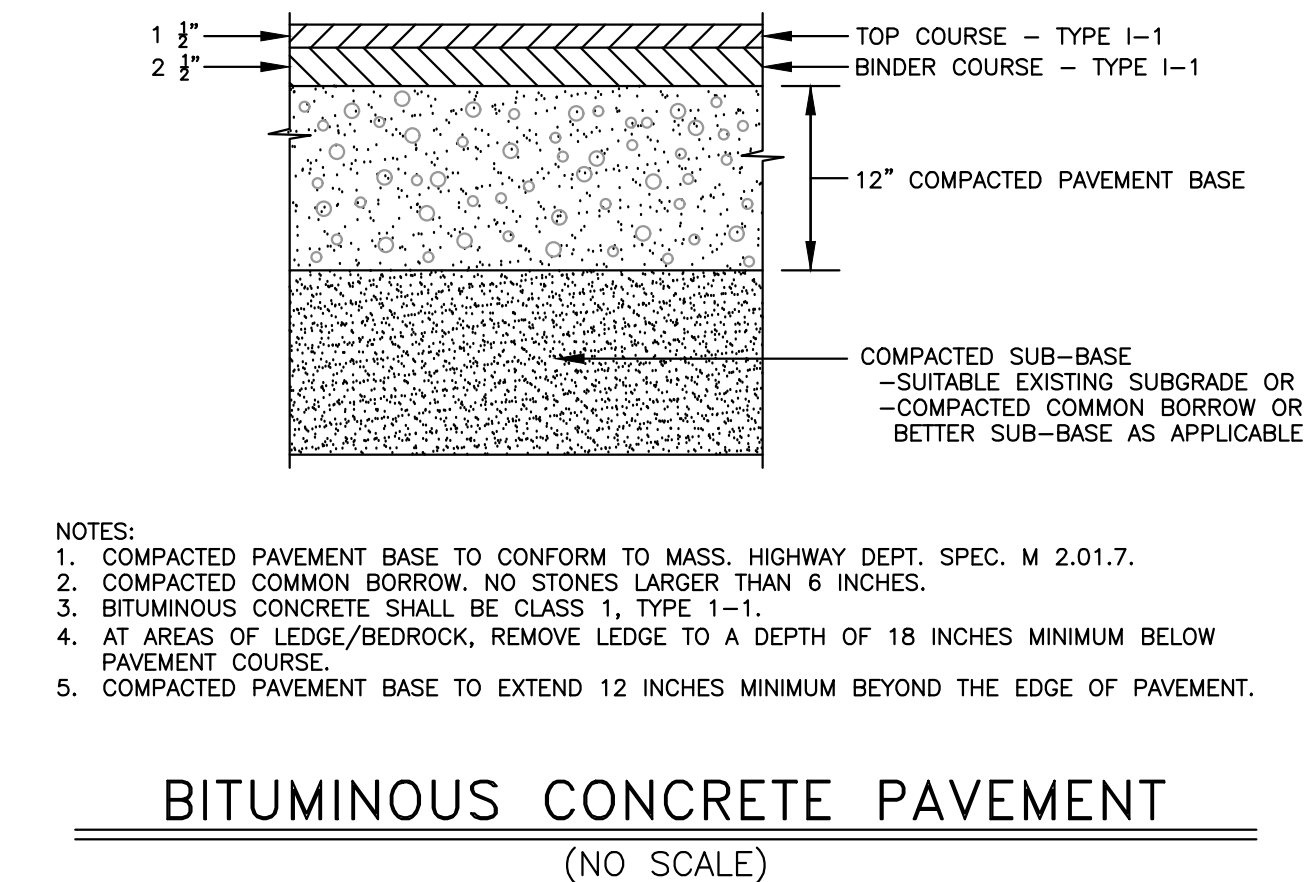
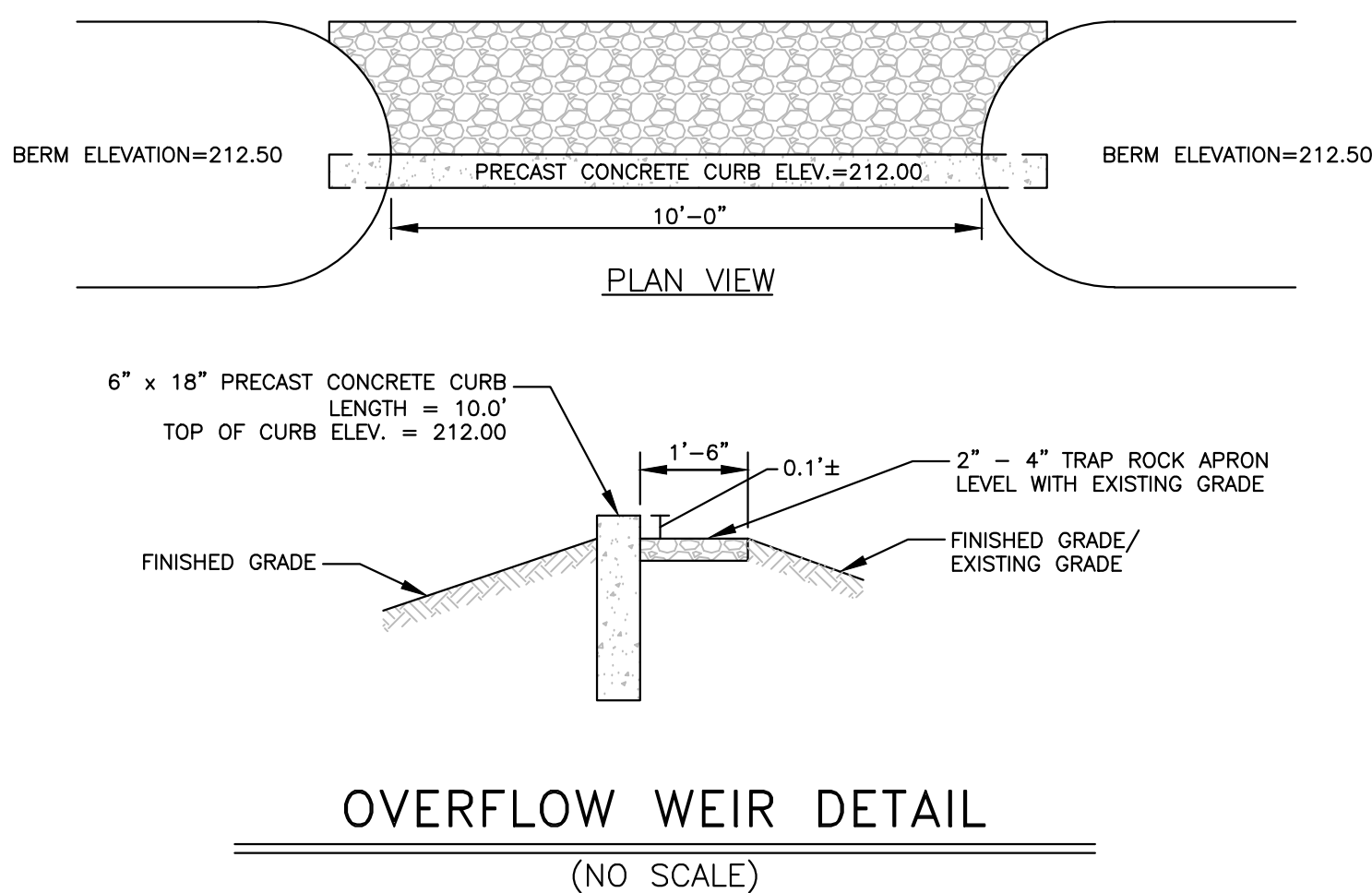
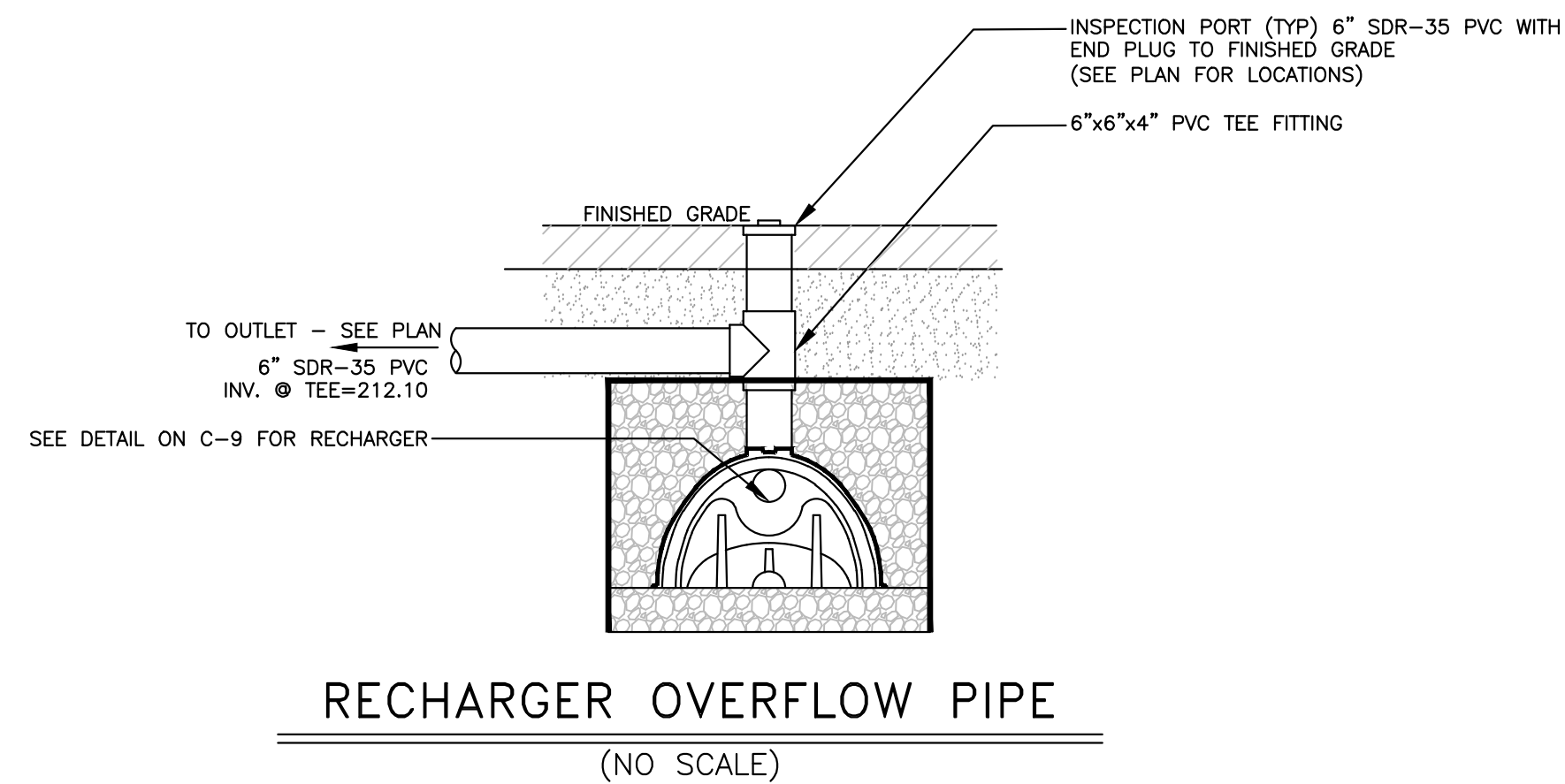
REQUIRED RECHARGE = (2,000 SF) (1.0 IN) (FT/12 IN) = 167 C.F.

PROVIDED STORAGE VOLUME = 175 CF WITHIN THE CHAMBERS (SEE BELOW)

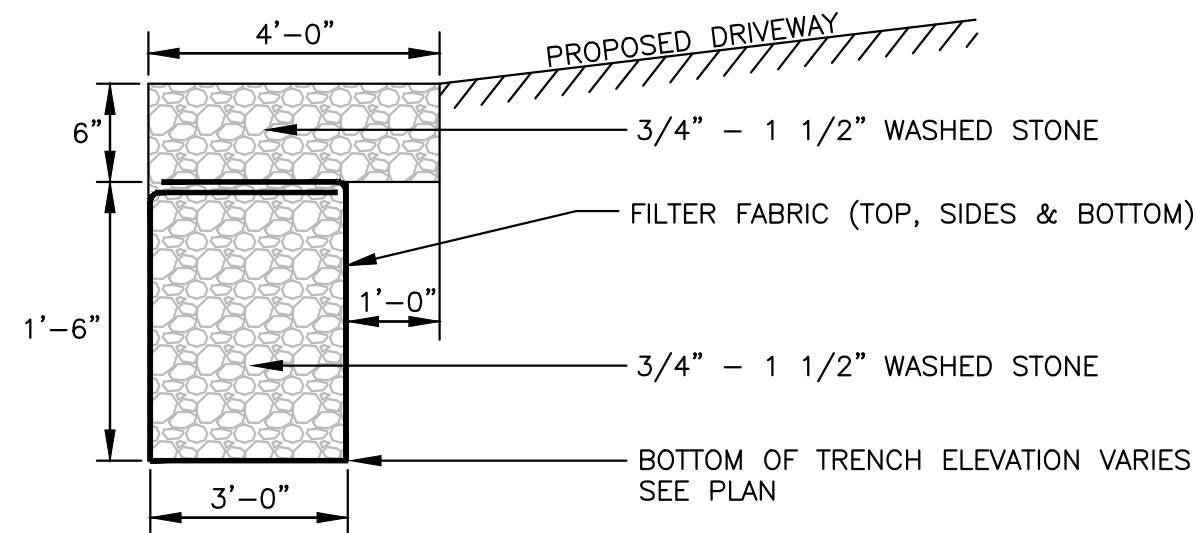
**F25902 Proposed Conditions Model** Type III 24-hr 2 Year Rainfall=3.35"  
Prepared by DGT Associates Printed 6/2/2025  
HydroCAD® 10.00-26 s/n 01078 © 2020 HydroCAD Software Solutions LLC

Stage-Area-Storage for Pond RD: RD Infiltration System

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
210.50	230	0	211.54	230	123
210.52	230	2	211.56	230	126
210.54	230	4	211.58	230	128
210.56	230	6	211.60	230	131
210.58	230	7	211.62	230	133
210.60	230	9	211.64	230	136
210.62	230	11	211.66	230	138
210.64	230	13	211.68	230	141
210.66	230	15	211.70	230	143
210.68	230	17	211.72	230	146
210.70	230	18	211.74	230	148
210.72	230	20	211.76	230	150
210.74	230	22	211.78	230	153
210.76	230	24	211.80	230	155
210.78	230	26	211.82	230	157
210.80	230	28	211.84	230	159
210.82	230	29	211.86	230	161
210.84	230	31	211.88	230	163
210.86	230	33	211.90	230	165
210.88	230	35	211.92	230	167
210.90	230	37	211.94	230	169
210.92	230	39	211.96	230	171
210.94	230	40	211.98	230	173
210.96	230	42	212.00	230	175
210.98	230	44	212.02	230	177
211.00	230	46	212.04	230	178
211.02	230	49	212.06	230	180
211.04	230	52	212.08	230	182
211.06	230	55	212.10	230	184
211.08	230	58	212.12	230	186
211.10	230	61	212.14	230	188
211.12	230	64	212.16	230	189
211.14	230	67	212.18	230	191
211.16	230	70	212.20	230	193
211.18	230	73	212.22	230	195
211.20	230	76	212.24	230	197
211.22	230	78	212.26	230	199
211.24	230	81	212.28	230	200
211.26	230	84	212.30	230	202
211.28	230	87	212.32	230	204
211.30	230	90	212.34	230	206
211.32	230	93	212.36	230	208
211.34	230	96	212.38	230	210
211.36	230	98	212.40	230	211
211.38	230	101	212.42	230	213
211.40	230	104	212.44	230	215
211.42	230	107	212.46	230	217
211.44	230	109	212.48	230	219
211.46	230	112	212.50	230	221
211.48	230	115			
211.50	230	118			
211.52	230	120			



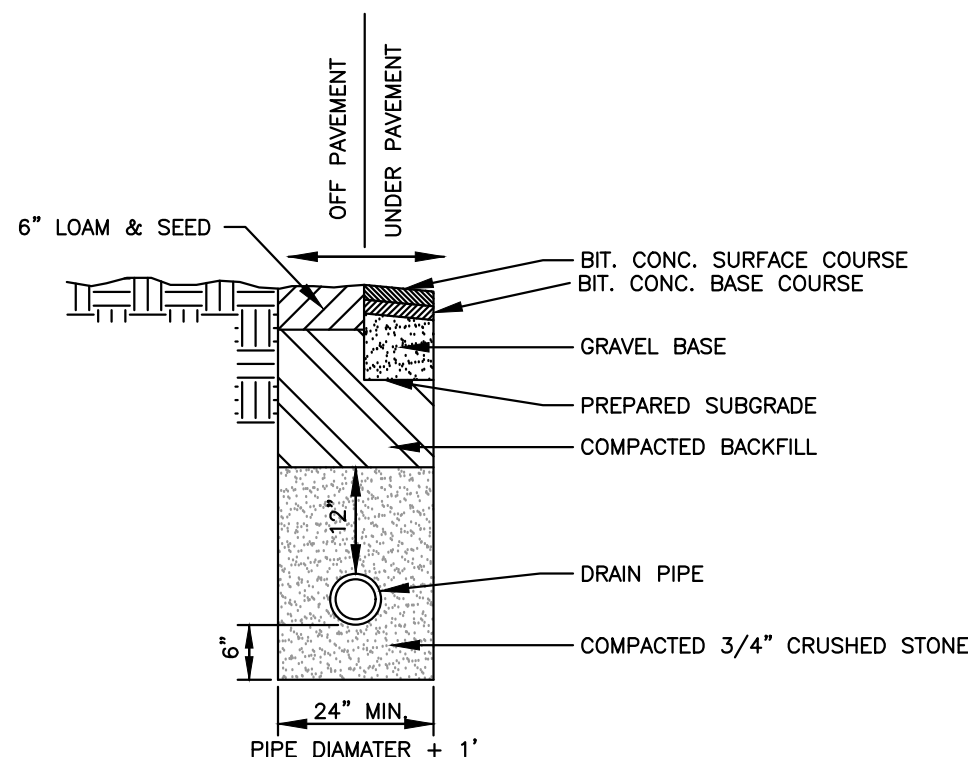
- NOTES:
1. COMPACTED PAVEMENT BASE TO CONFORM TO MASS. HIGHWAY DEPT. SPEC. M 2.01.7.
  2. COMPACTED COMMON BORROW, NO STONES LARGER THAN 6 INCHES.
  3. BITUMINOUS CONCRETE SHALL BE CLASS 1, TYPE I-1.
  4. AT AREAS OF LEDGE/BEDROCK, REMOVE LEDGE TO A DEPTH OF 18 INCHES MINIMUM BELOW PAVEMENT COURSE.
  5. COMPACTED PAVEMENT BASE TO EXTEND 12 INCHES MINIMUM BEYOND THE EDGE OF PAVEMENT.



STONE INFILTRATION CALCULATIONS:  
CONTRIBUTING IMPERVIOUS AREA: 2,216 SF (DRIVEWAY) TOTAL  
[3 FT x 2 FT x 120 FT] x 0.40 = 288 CF

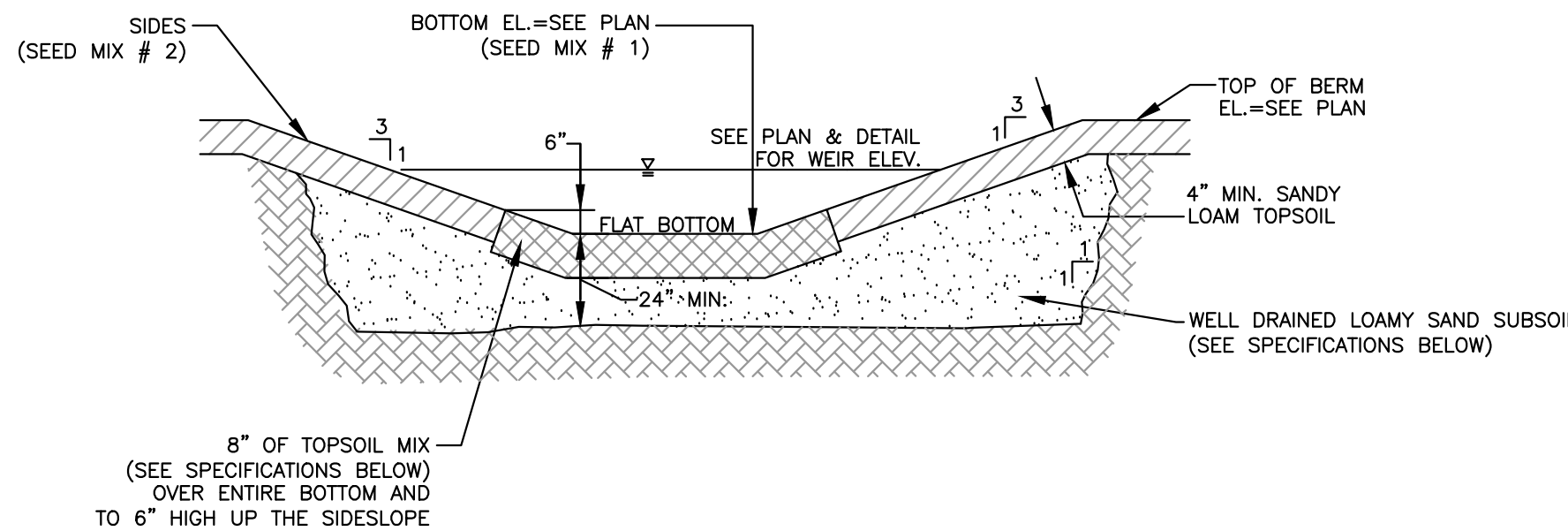
288 CF / 2,216 SF = 0.13 FT = 1.6 INCHES OVER THE CONTRIBUTING IMPERVIOUS AREA IS CAPTURED WITHIN THE STONE INFILTRATION TRENCH.

**STONE INFILTRATION TRENCH**  
(NO SCALE)



- NOTES:
1. TRENCH BACKFILL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS AS CONTAINED IN MASSACHUSETTS HIGHWAY DEPARTMENT, STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 1988.

**TYPICAL DRAIN  
PIPE BEDDING**  
(NO SCALE)



- NOTES:
1. RAIN GARDEN TOPSOIL MIX SHALL MEET THE FOLLOWING SPECIFICATIONS.
    - A. THE ENGINEERED SOIL MIX FOR THE BOTTOM OF RAIN GARDEN SHOULD BE A MIXTURE OF 40% SAND, 20-30% TOPSOIL, AND 30-40% COMPOST.
    - B. THE SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN 2 INCHES. CLAY CONTENT SHOULD NOT EXCEED 5%.
    - C. SOIL PH SHOULD GENERALLY BE BETWEEN 5.5-6.5, A RANGE THAT IS OPTIMAL FOR MICROBIAL ACTIVITY AND ADSORPTION OF NITROGEN, PHOSPHOROUS, AND OTHER POLLUTANTS.
    - D. USE SOILS WITH 1.5% TO 3% ORGANIC CONTENT AND MAXIMUM 500-PPM SOLUBLE SALTS.
    - E. THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS ASTM D 422.
  2. THE SEED MIXES IDENTIFIED FOR USE ON THIS PROJECT ARE BY NEW ENGLAND WETLANDS PLANTS, INC. AND INDICATE THE PLANT SPECIES MIX AND INTENT OF FINISHED COVER. SEED MIX #1 IS TO BE NEW ENGLAND WETLAND SEED MIX AND SEED MIX #2 IS TO BE NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS.
  3. ALL TOPSOIL, SUBSOIL AND DELETERIOUS MATERIAL, MUST BE EXCAVATED AND REMOVED TO A DISTANCE OF 2 FEET FROM ALL SIDES AND BOTTOM OF THE RAIN GARDEN. BACKFILL AS REQUIRED WITH WELL DRAINED LOAMY SAND SUBSOIL.

**RAIN GARDEN DETAIL**  
(NO SCALE)



OWNER/APPLICANT:  
**WASHINGTON STREET  
SHERBORN HOMES, LLC  
ROBERT MURCHISON  
177 LAKE STREET  
SHERBORN, MA 01770**

PARCEL ID:  
**MAP 7, LOT 0, BLOCK 49**

ISSUED FOR:  
**COMPREHENSIVE  
PERMIT APPLICATION**



NO.	APP	DATE	DESCRIPTION

DATE: **JUNE 5, 2025**

SCALE: **AS NOTED**

DESIGN: <b>BEC/KMR</b>	DRAFTED: <b>BEC/KMR</b>	CHECKED: <b>BEC</b>
---------------------------	----------------------------	------------------------

PROJECT TITLE:

**LOT 3  
WASHINGTON  
STREET**

**0 WASHINGTON STREET  
SHERBORN, MASSACHUSETTS 01770**  
SHEET TITLE:

**SITE DETAILS - 02**

SHEET: <b>9 OF 9</b>	<b>C-9</b>
PROJECT NO.: <b>F-25902</b>	

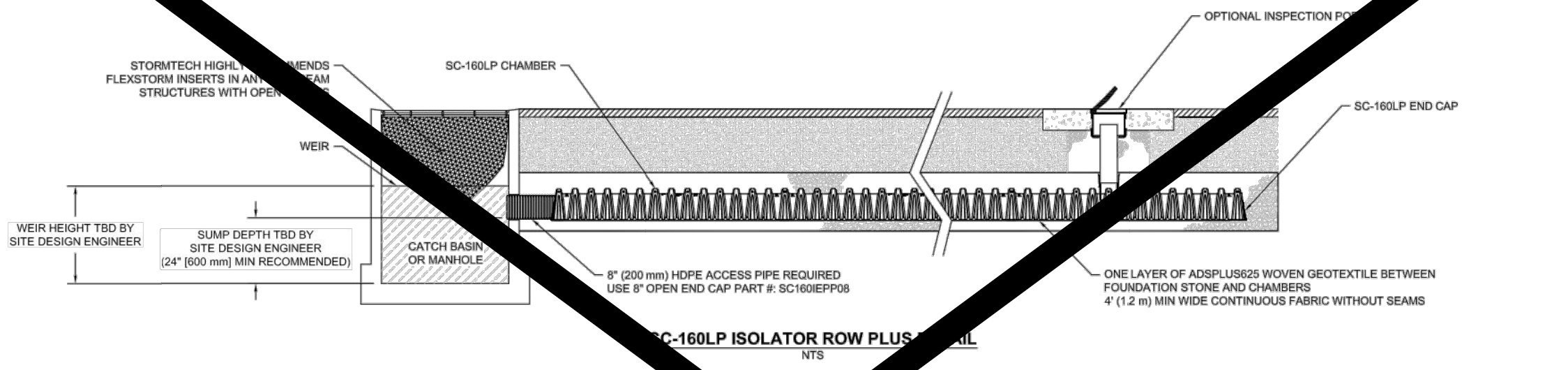


### SC-160LP STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-160LP.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPIDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.5, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1.5".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 35 LB/FT<sup>2</sup>. THE ARCH IS DEFINED IN SECTION 6.2.4 OF ASTM F2418, AND IS TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C). CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
  - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
  - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.50 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
  - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.
- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE. DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS. TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.

### IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-160LP SYSTEM

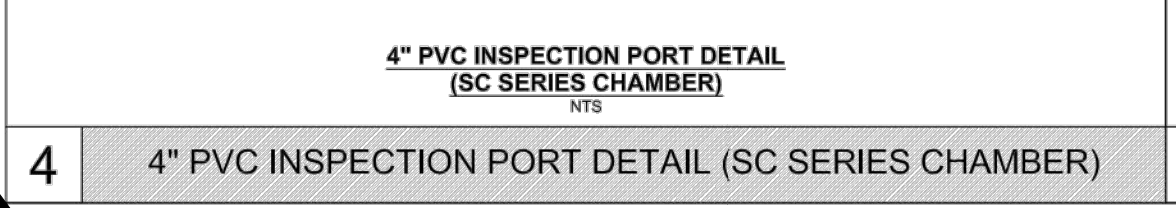
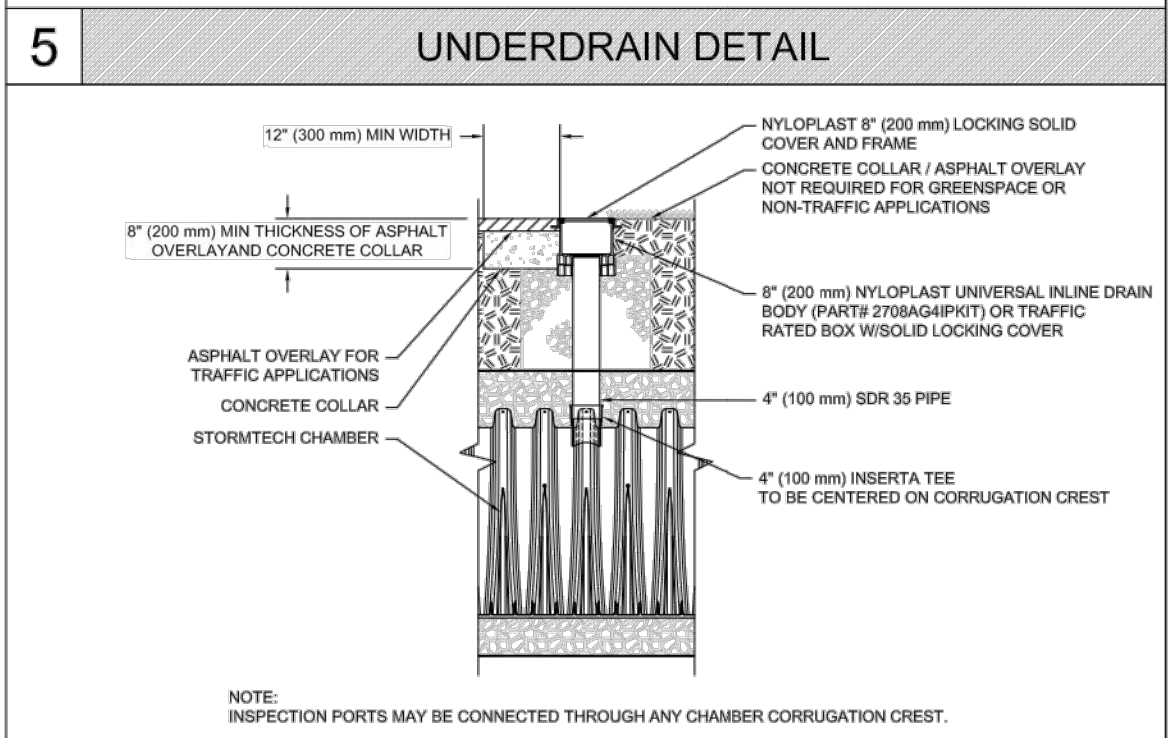
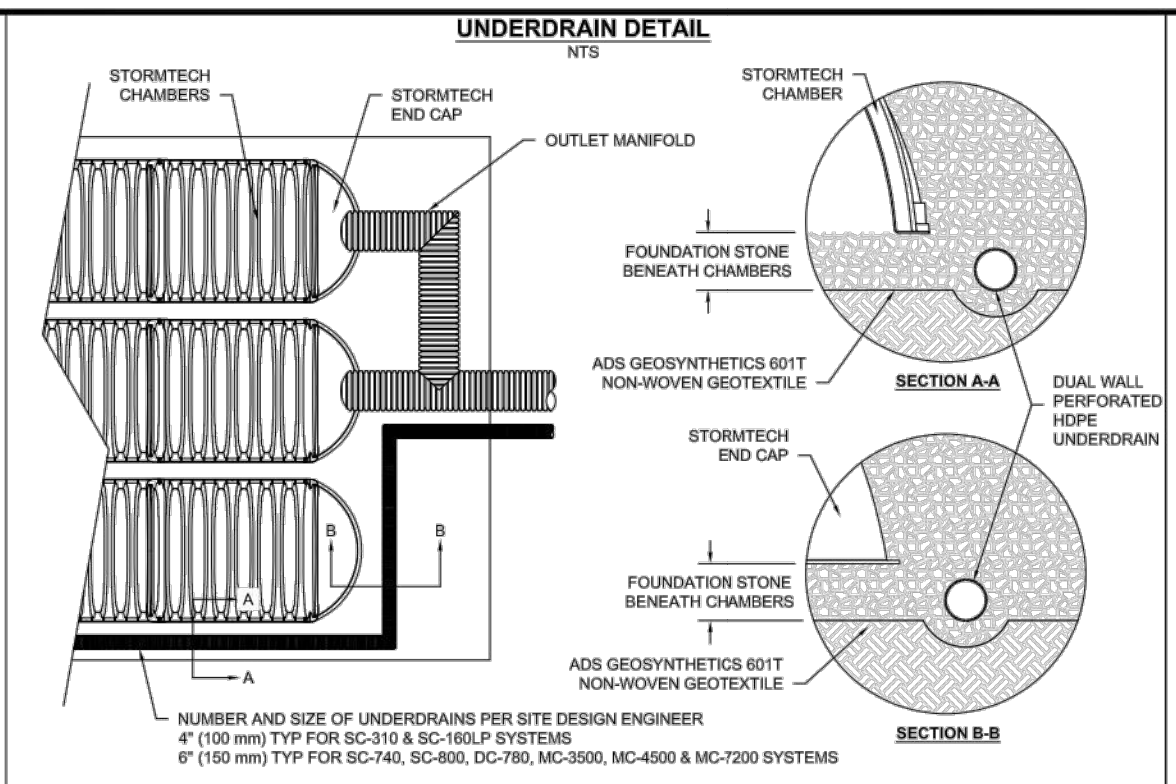
- STORMTECH SC-160LP CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
  - STORMTECH SC-160LP CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
  - FOUNDATION STONE AND EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE, AASHTO M43 #5.37, 4, 407, 5, 56, OR 57.
  - THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
  - THE DEPTH OF FOUNDATION STONE SHALL BE DETERMINED BASED ON THE SUBGRADE BEARING CAPACITY PROVIDED BY THE SITE DESIGN ENGINEER.
  - THE CONTRACTOR MUST REPORT ANY DISCREPANCIES CONCERNING CHAMBER FOUNDATION DESIGN AND SUBGRADE BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
  - JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
  - CHAMBERS SHALL BE INSTALLED "TOE TO TOE". NO ADDITIONAL SPACING BETWEEN ROWS IS REQUIRED.
  - STORMTECH RECOMMENDS 3 BACKFILL METHODS:
    - STONE SHOOTER LOCATED OFF THE CHAMBER BED.
    - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
    - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LOAD BOOM HOE OR EXCAVATOR.
  - ADS RECOMMENDS THE USE OF "LEXISTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.
- NOTES FOR CONSTRUCTION EQUIPMENT**
- THE USE OF CONSTRUCTION EQUIPMENT OVER SC-160LP CHAMBERS IS LIMITED:
    - NO EQUIPMENT IS ALLOWED ON CHAMBER BEDS.
    - NO RUBBER Tired LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
    - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-160LP CONSTRUCTION GUIDE".
  - PLANT 30" (762 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.
- CONTACT STORMTECH AT 1-800-821-6710 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



**ISOLATOR ROW  
IS NOT PROPOSED**

### INSPECTION AND MAINTENANCE

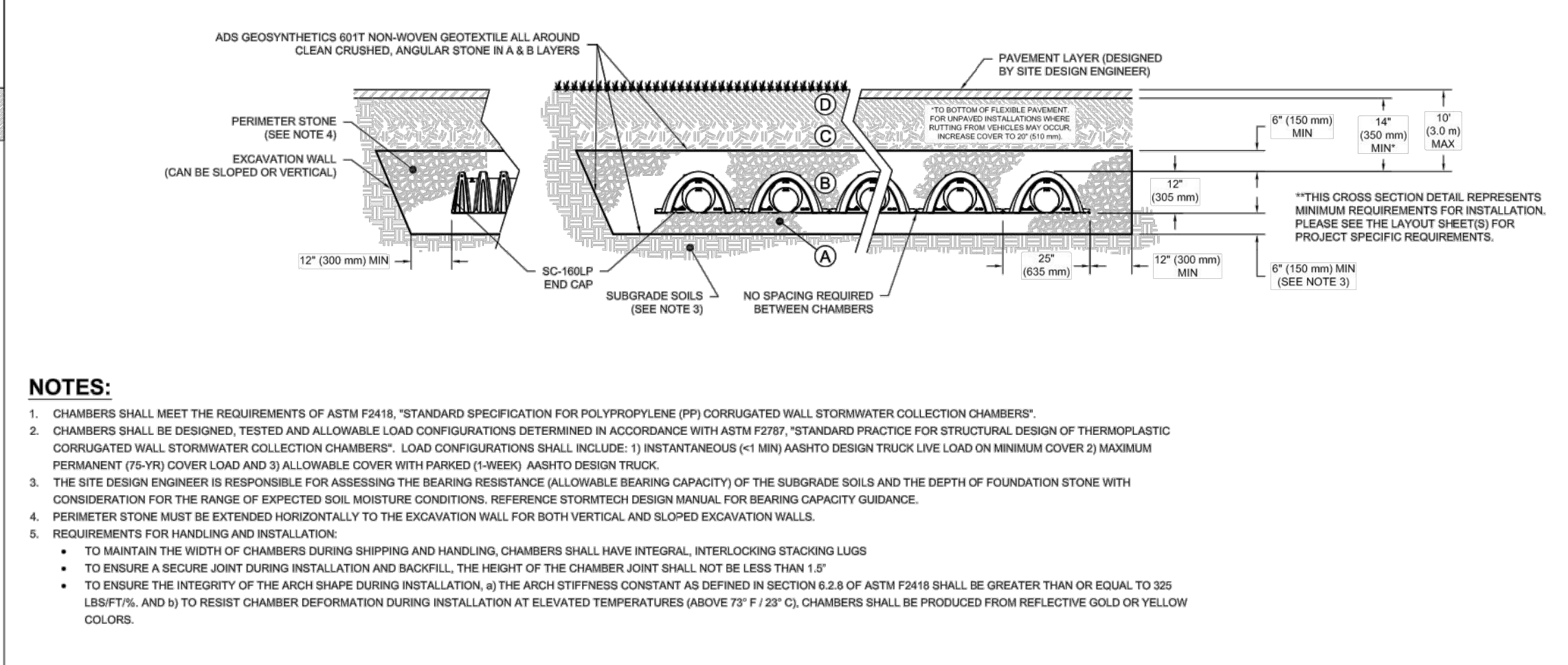
- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT**
- INSPECT FOR SEDIMENT ON NYLOPLAST INLINE DRAIN.
  - REMOVE COVER FROM INLET AT UPSTREAM END OF ISOLATOR ROW PLUS.
  - USING A FLASHLIGHT, INSPECT FOR SEDIMENT THROUGH OUTLET PIPE.
  - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY IF ENTERING MANHOLE.
  - IF SEDIMENT IS AT, OR ABOVE, 2" (51 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETTING METHOD**
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FAN SPEED OF 45° (1.1 in) OR MORE IS PREFERRED.
  - APPLY MULTIPLE PASSES OF JETTING UNTIL BACKFILL IS CLEAN.
  - VACUUM STRUCTURE SUMP AS REQUIRED.
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS, RECORD OBSERVATIONS AND ACTIONS.**
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH CHAMBERS.**
- NOTES**
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
  - CONDUCT JETTING AND VACUUMING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NEEDED.



### ACCEPTABLE FILL MATERIALS: STORMTECH SC-160LP CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D. FINAL FILL: FILL MATERIAL FOR LAYER D STARTS FROM THE TOP OF THE C LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE C LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STORMTECH MATERIAL AND PREPARATION REQUIREMENTS.
C. INITIAL FILL: FILL MATERIAL FOR LAYER C STARTS FROM THE TOP OF THE EMBEDEDMENT STONE (E LAYER) TO 4\" (103 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE C LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <3% FINES OR PROCESSED AGGREGATE.	AASHTO M145 A-1, A-2, A-3, A-4 OR AASHTO M43 3, 357, 4, 407, 5, 56, 57, 6, 67, 68, 7, 78, 8, 88, 9, 10	BEGIN COMPACTIONS AFTER 12\" (305 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6\" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL-GRADED MATERIAL AND 90% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER CROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lb (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lb (89 kN).
B. EMBEDEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE C LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE*	AASHTO M43 3, 357, 4, 407, 5, 56, 57	NO COMPACTION REQUIRED.
A. FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE*	AASHTO M43 3, 357, 4, 407, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>1,3</sup>

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR M43 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
  - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR ALL LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6\" (150 mm) MAX LIFTS USING TWO FULL COVERS WITH A VIBRATORY COMPACTOR.
  - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
  - ONCE LAYER "C" IS PLACED, ANY SOL MATERIAL CAN BE PLACED IN LAYER "D" UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER "C" OR "D" AT THE SITE DESIGN ENGINEER'S DISCRETION.
  - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS "A" OR "B" THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



### SC-160LP CROSS SECTION DETAIL

- NOTES:**
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
  - CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
  - THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
  - PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
  - REQUIREMENTS FOR HANDLING AND INSTALLATION:
    - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
    - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 1.5\".
    - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.4 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 35 LB/FT<sup>2</sup>. AND IS TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C). CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

DATE: 02/17/2025
PROJECT NO: 721-190
NOT TO SCALE

DRAWN: SMW	REVIEWED: JLM	REV:
SC-160LP STANDARD DETAILS		

SC-160LP TECHNICAL SPECIFICATIONS
-----------------------------------

StormTech®  
Chamber System  
888-862-2664 | www.stormtech.com

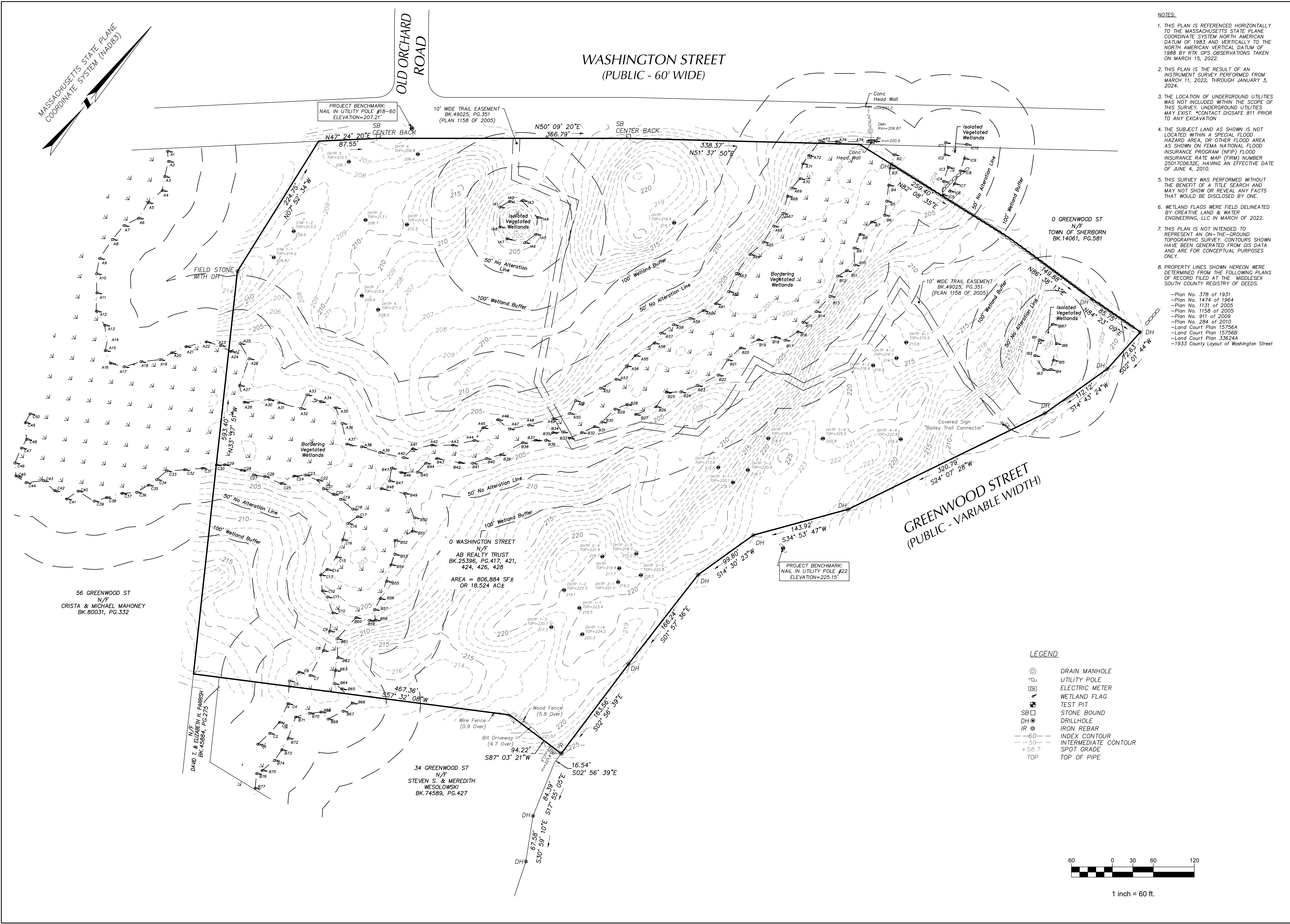
4640 TRUEMAN BLVD  
HILLIARD, OH 43026



SHEET  
1

ADVANCED DRAINAGE SYSTEMS, INC. (ADS) HAS PREPARED THIS DETAIL BASED ON REFERENCED STANDARDS. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT. NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. UNLESS THE PLANS ARE SIGNED AND SEALED BY THE SITE DESIGN ENGINEER, THE SITE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION AND SEALING THE DOCUMENT. IT IS THE SITE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEET ALL APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.





- NOTES:
1. THIS PLAN IS REFERENCED HORIZONTALLY TO THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 BY RTK GPS OBSERVATIONS TAKEN ON MARCH 15, 2022.
  2. THIS PLAN IS THE RESULT OF AN INSTRUMENT SURVEY PERFORMED FROM MARCH 11, 2022, THROUGH JANUARY 3, 2024.
  3. THE LOCATION OF UNDERGROUND UTILITIES WAS NOT INCLUDED WITHIN THE SCOPE OF THIS SURVEY. UNDERGROUND UTILITIES MAY EXIST. \*CONTACT DIGSAFE 811 PRIOR TO ANY EXCAVATION
  4. THE SUBJECT LAND AS SHOWN IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA, OR OTHER FLOOD AREA AS SHOWN ON FEMA NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) NUMBER 2501700632E, HAVING AN EFFECTIVE DATE OF JUNE 4, 2010.
  5. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE SEARCH AND MAY NOT SHOW OR REVEAL ANY FACTS THAT WOULD BE DISCLOSED BY ONE.
  6. WETLAND FLAGS WERE FIELD DELINEATED BY CREATIVE LAND & WATER ENGINEERING, LLC IN MARCH OF 2022.
  7. THIS PLAN IS NOT INTENDED TO REPRESENT AN ON-THE-GROUND TOPOGRAPHIC SURVEY. CONTOURS SHOWN HAVE BEEN GENERATED FROM GIS DATA AND ARE FOR CONCEPTUAL PURPOSES ONLY.
  8. PROPERTY LINES SHOWN HEREON WERE DETERMINED FROM THE FOLLOWING PLANS OF RECORD FILED AT THE MIDDLESEX SOUTH COUNTY REGISTRY OF DEEDS.
    - Plan No. 378 of 1931
    - Plan No. 1474 of 1964
    - Plan No. 1131 of 2005
    - Plan No. 1158 of 2005
    - Plan No. 911 of 2009
    - Plan No. 284 of 2010
    - Land Court Plan 15756A
    - Land Court Plan 15756B
    - Land Court Plan 153624A
    - 1933 County Layout of Washington Street

**samiotes**

Samiotes Consultants Inc.  
Civil Engineers - Land Surveyors  
20 A Street  
Frammingham, MA 01701  
T 508.877.6688  
F 508.877.8349  
www.samiotes.com

0 WASHINGTON STREET SHERBORN, MA



**D.F.**

DANIEL F. FLEMING - P.L.S. No. 55476  
REGISTERED PROFESSIONAL  
LAND SURVEYOR FOR  
SAMIOTES CONSULTANTS, INC.

REVISION		
1	1/11/2023	TEST PIT LOCATIONS
2	1/18/2024	BOUNDARY

PLAN OF LAND

JOB # 52005	EX-1
DATE: 4/5/2022	
SCALE: 1"=60'	
DRAWN BY: AJD	
APPROVED BY: DFF	SHEET 1 OF 1
FILE: 52005 WASHINGTON ST PLAN.DWG	