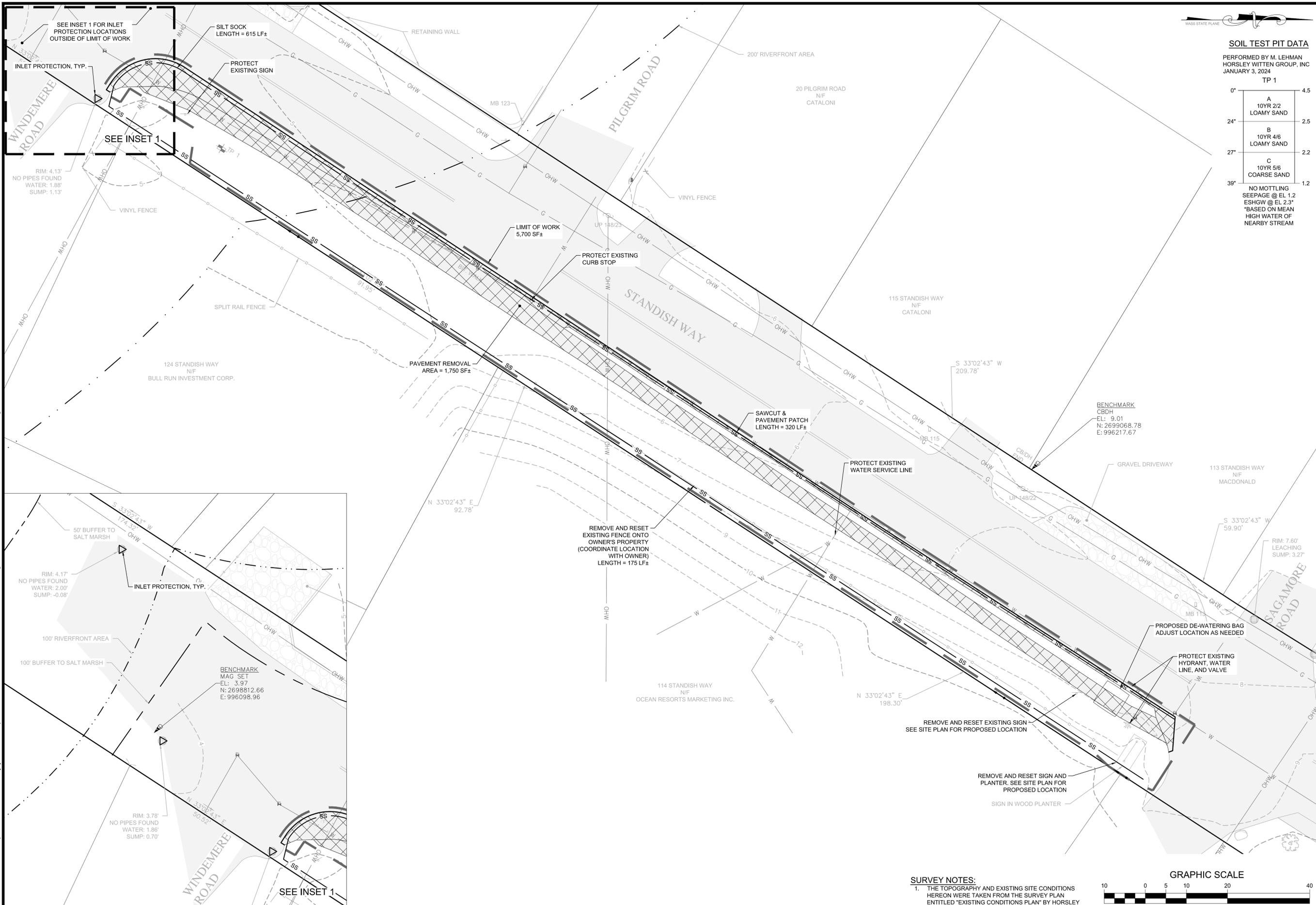


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SOIL TEST PIT DATA

PERFORMED BY M. LEHMAN
HORSLEY WITTEN GROUP, INC
JANUARY 3, 2024

Depth	Soil Description
0" - 24"	A 10YR 2/2 LOAMY SAND
24" - 27"	B 10YR 4/6 LOAMY SAND
27" - 39"	C 10YR 5/6 COARSE SAND

NO MOTTLING
SEEPAGE @ EL 1.2
ESHGW @ EL 2.3
*BASED ON MEAN HIGH WATER OF NEARBY STREAM

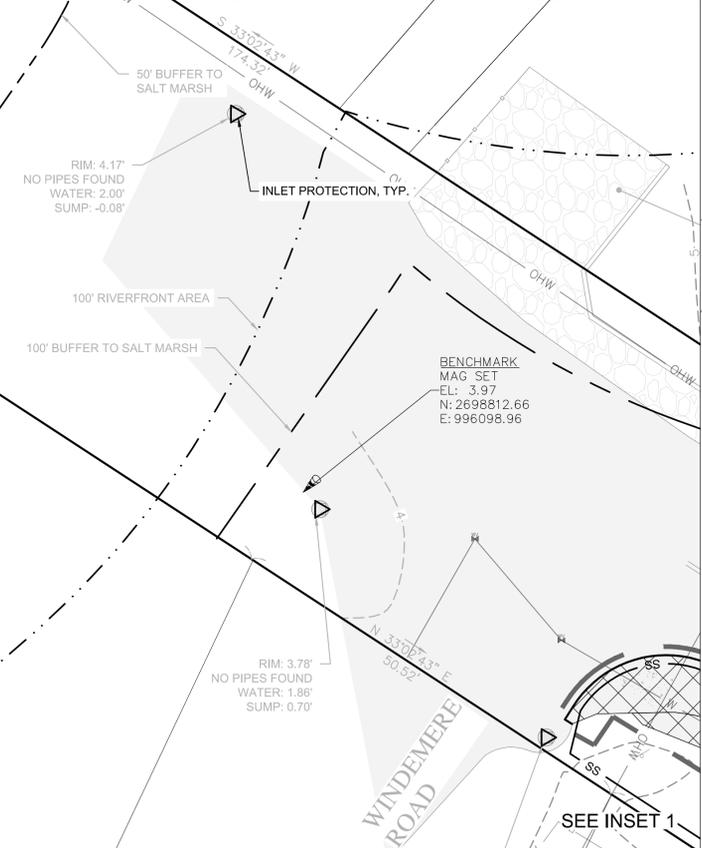
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1				
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Horsley Witten Group, Inc.
Sustainable Environmental Solutions
90 Route 6A, Unit 1
Sandwich, MA 02563
Phone: (508) 833-6600
Fax: (508) 833-3150

Checked By: MW
Designed By: JLV
Drawn By: JLV
Date: JANUARY 2025

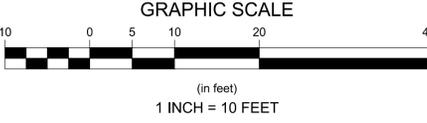
STANDISH WAY GREEN STORMWATER INFRASTRUCTURE - 100% DESIGN WEST YARMOUTH, MASSACHUSETTS

Plan Title: **EROSION AND SEDIMENT CONTROL PLAN**



INSET 1
1" = 10'

SURVEY NOTES:
1. THE TOPOGRAPHY AND EXISTING SITE CONDITIONS HEREON WERE TAKEN FROM THE SURVEY PLAN ENTITLED "EXISTING CONDITIONS PLAN" BY HORSLEY WITTEN GROUP, INC. DATED MARCH 7, 2024.



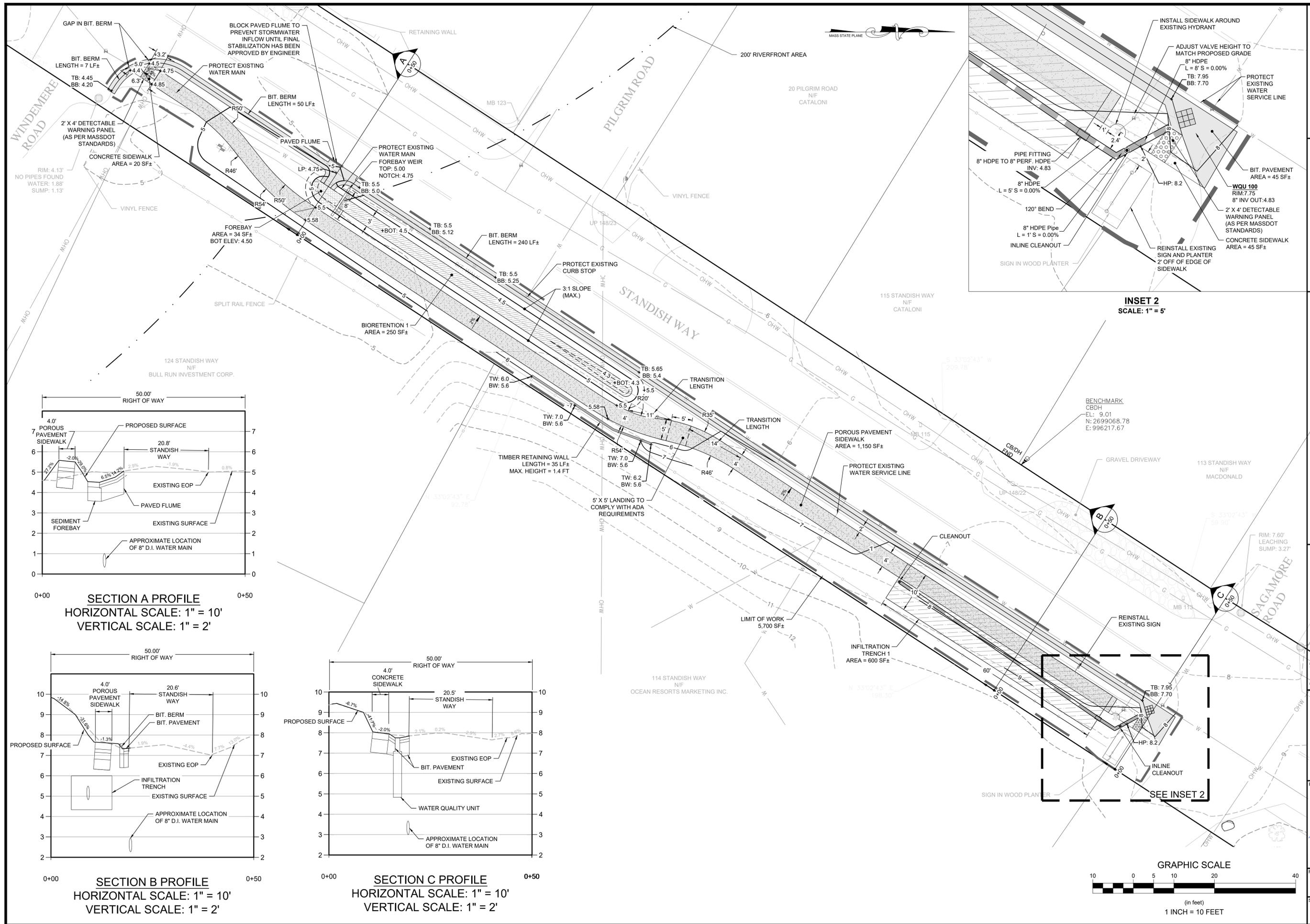
Prepared For: **Town of Yarmouth DPW**
74 Town Brook Road
West Yarmouth, MA 02673
Phone: (508) 982-2231 ext. 1250

USDA **United States Department of Agriculture**

Natural Resources Conservation Service

Survey Provided By: **Horsley Witten Group, Inc.**
90 Route 6A
Sandwich, MA 02563
Phone: (508) 833-6600
Fax: (508) 833-3150
Dated: December 1, 2023





Revisions	Date	By	Appr.	Description
1				
2				
3				
4				
5				

Horsley Witten Group, Inc.
 Sustainable Environmental Solutions
 90 Routes 6A
 Sandwich, MA 02563
 508-833-6600 voice
 508-833-3150 fax

Checked By: MW
 Drawn By: JLV
 Designed By: JLV
 Date: JANUARY 2025

STANDISH WAY GREEN STORMWATER INFRASTRUCTURE - 100% DESIGN
 WEST YARMOUTH, MASSACHUSETTS

Plan Title: SITE AND GRADING PLAN

Submitted For:
Town of Yarmouth DPW
 74 Town Brook Road
 West Yarmouth, MA 02873
 Phone: (508) 398-2231 ext. 1250

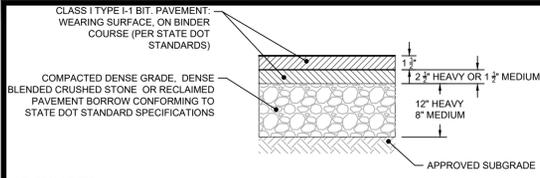
USDA United States Department of Agriculture
Natural Resources Conservation Service

Survey Provided By:
Horsley Witten Group, Inc.
 90 Routes 6A
 Sandwich, MA 02563
 Phone: 508-833-6600
 Fax: 508-833-3150
 Dated: December 1, 2023

Registration:

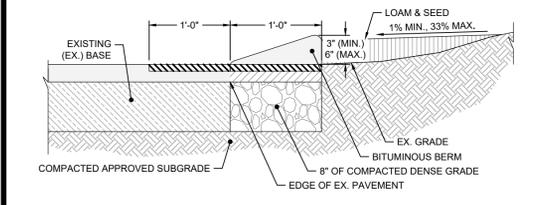
 Project Number: 22108A
 Sheet: 4 of 7
 Sheet Number: C-4

last modified: 01/29/25 printed: 01/30/25 by iv H:\Projects\2022\2108 APCC YarmouthDrawings\STANDISH\2108A STANDISH DE.dwg



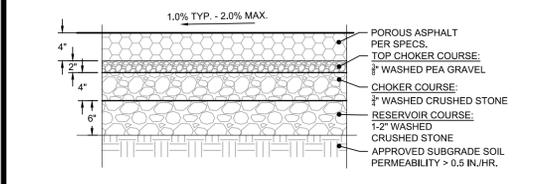
- GENERAL NOTES:**
- SUB-GRADE (EXISTING MATERIAL) SHALL CONSIST OF INERT MATERIAL THAT IS HARD, DURABLE STONE AND/OR COARSE SAND, FREE FROM LOAM AND CLAY TO A DEPTH NOT LESS THAN 4-FT BELOW THE FINISH PAVEMENT SURFACE. EXCAVATE SANDY-LOAM AND/OR LOAMY-SAND TOPSOIL MATERIAL FROM ALL PAVED AREAS PRIOR TO SUB-BASE INSTALLATION.
 - PLACE SUB-BASE IN MAXIMUM 8" LIFTS (COMPACTED TO 95%).
 - COMPACT SUB-GRADE FILL TO 85% COMPACTION.
 - SEE SITE LAYOUT PLAN FOR PAVEMENT WIDTH AND LOCATION.
 - SEE GRADING PLANS FOR PAVEMENT SLOPE AND CROSS SLOPE.
 - SWEEP CLEAN THE EXISTING BINDER COURSE SURFACE PRIOR TO INSTALLING THE WEARING COURSE BY A STREET SWEEPING MACHINE.
 - APPLY A TACK COAT PER SPECIFICATIONS.

BITUMINOUS PAVEMENT
NOT TO SCALE



- NOTES:**
- PAVEMENT PATCH WILL BE 3" TYPE I-1 BITUMINOUS CONCRETE (2" BINDER, 1" TOP), PRIOR TO INSTALLATION OF THE BITUMINOUS TOP COAT. SAWCUT & MILL 1" INTO THE EXISTING PAVEMENT AT A DISTANCE OF 1'-0" FROM THE PAVEMENT EDGE. INSTALL TOP COAT OVER THE BINDER COURSE & 1'-0" MILLED SECTION.
 - BERM CONSTRUCTED OF BITUMINOUS CONCRETE WEARING SURFACE COURSE AS SHOWN.
 - PROVIDE 1" CHAMFER OF EDGE ALONG BERM FACE.
 - BERM WILL BE CONSTRUCTED INTEGRAL WITH TOP PAVEMENT COURSE.
 - ADJUST BACKFILL GRADE (MAX. 2.1 SLOPE) TO MEET EXISTING GRADE.

BITUMINOUS BERM
NOT TO SCALE

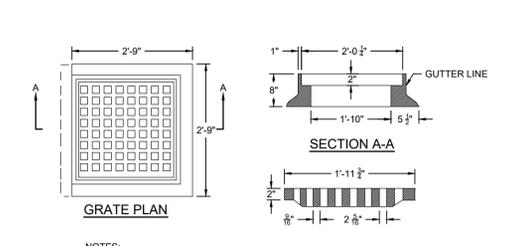


- GENERAL NOTES:**
- CONTECH STC450 STORMCEPTOR OR APPROVED EQUIVALENT.
 - CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
 - FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
 - STORMCEPTOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
 - STORMCEPTOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0'-2" (B10) AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M3186 AND BE CAST WITH THE CONTECH LOGO.
 - STORMCEPTOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
 - ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm].

GENERAL NOTES

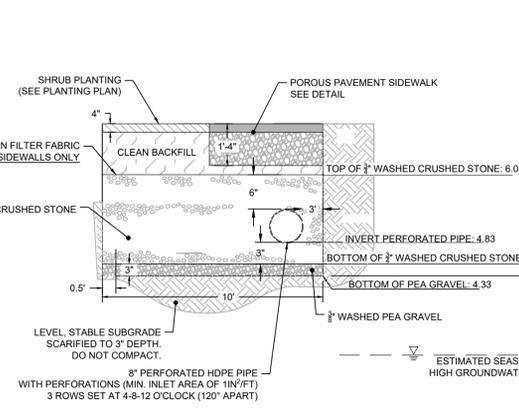
- INSTALLATION NOTES:**
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
 - CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMCEPTOR MANHOLE STRUCTURE.
 - CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
 - CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
 - CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

WATER QUALITY UNIT (WQU)
NOT TO SCALE

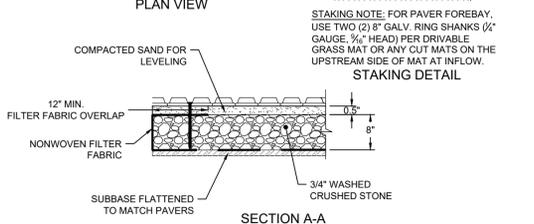
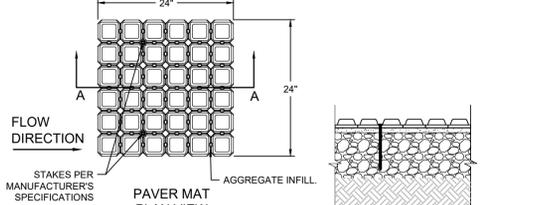
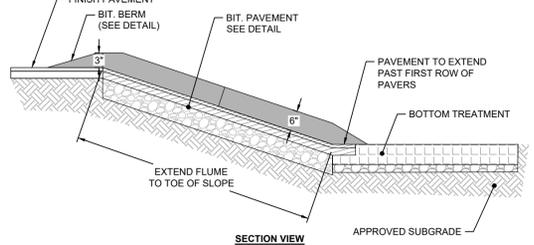
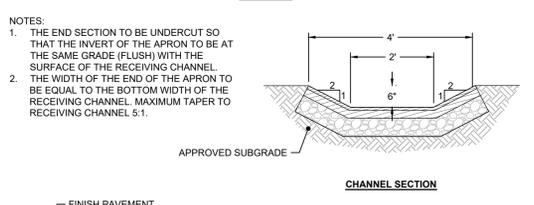
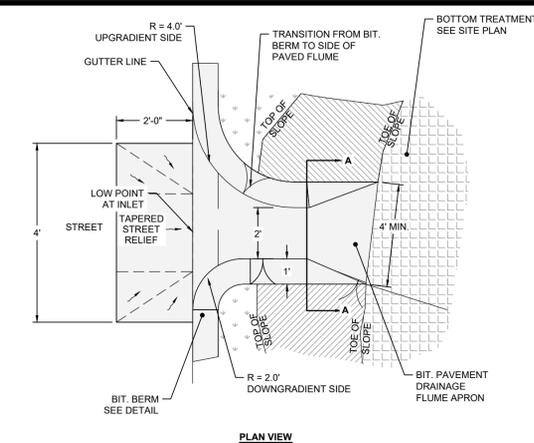


- NOTES:**
- BASED ON EAST JORDAN IRON WORKS 2'-0" X 2'-0" ECONOMY GRATE.
 - GRATE MATERIAL-DUCTILE IRON.

DRAINAGE STRUCTURE FRAME & GRATE
NOT TO SCALE

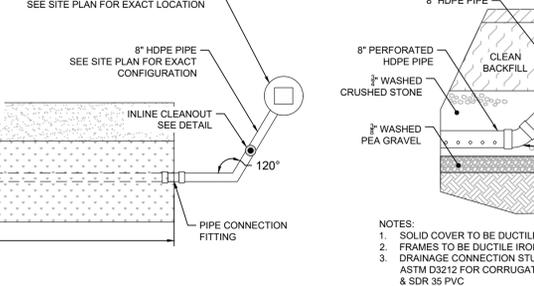
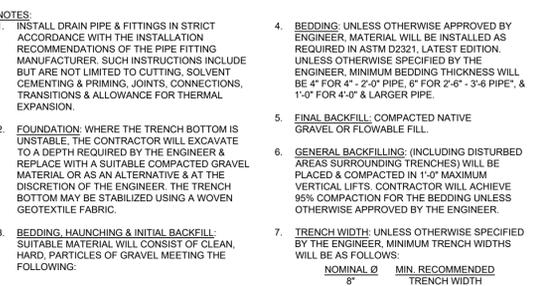
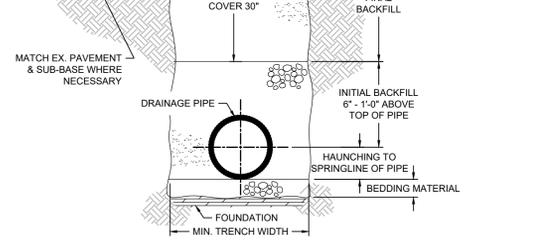
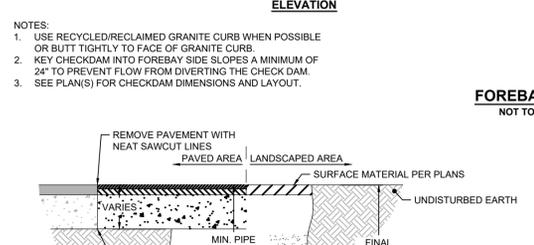
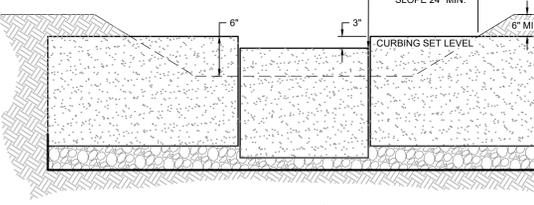
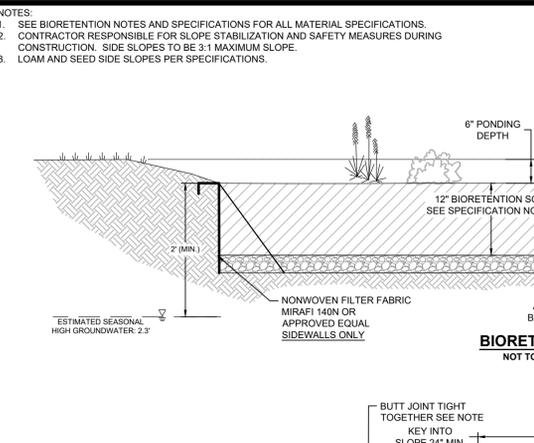


INFILTRATION TRENCH CROSS SECTION A-A'
NOT TO SCALE

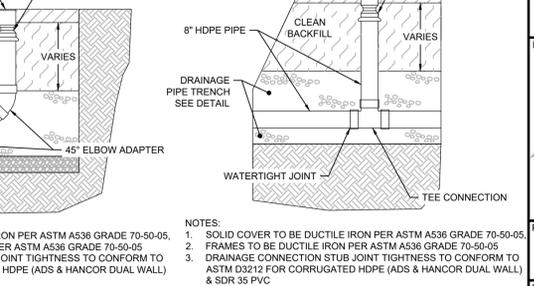
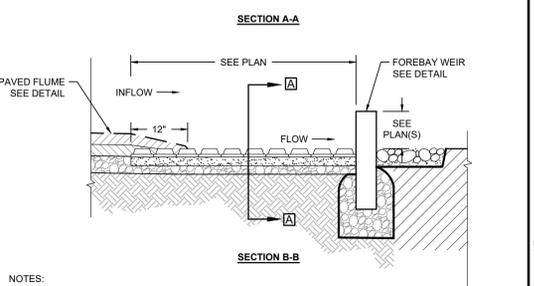
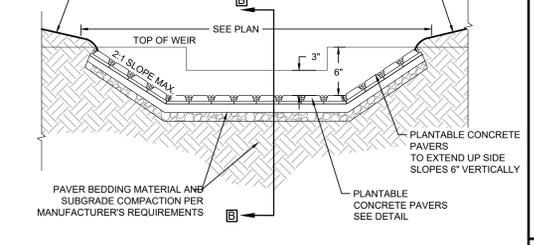
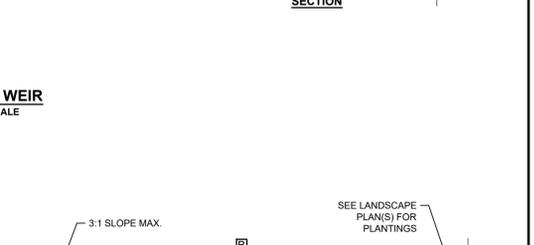
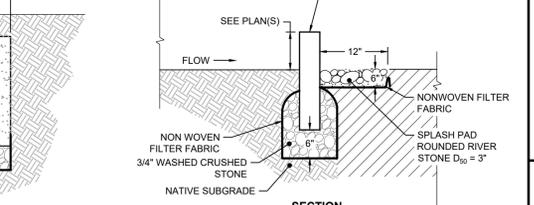
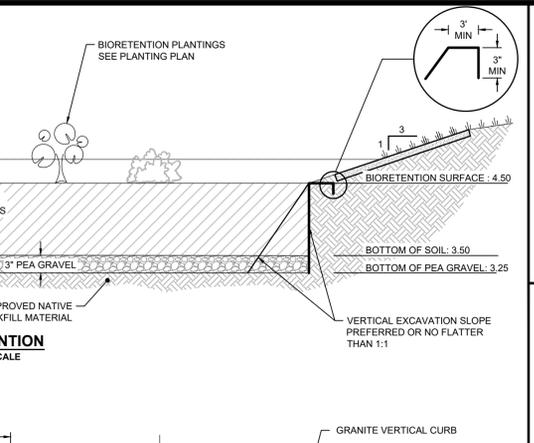


- NOTES:**
- SEE SPECIFICATIONS FOR PLANTABLE CONCRETE PAVER REQUIREMENTS.
 - REFER TO MANUFACTURER'S REQUIREMENTS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
 - FILTER FABRIC AROUND PERIMETER AND BOTTOM OF STONE BASE. KEY IN MINIMUM 6".

PLANTABLE CONCRETE PAVERS
NOT TO SCALE



INFILTRATION TRENCH PLAN VIEW
NOT TO SCALE



INFILTRATION TRENCH PLAN VIEW
NOT TO SCALE

Revisions

No.	Date	By	Asst.	Description

Horsley Witten Group, Inc.
Sustainable Environmental Solutions
90 Route 6A
Sandwich, MA 02563
508-833-6600 voice
508-833-3150 fax

Checked By: MW
Designed By: JULY
Date: JANUARY 2025

STANDISH WAY GREEN STORMWATER INFRASTRUCTURE - 100% DESIGN WEST YARMOUTH, MASSACHUSETTS

Plan Set: DETAILS

Prepared For: **Town of Yarmouth DPW**
74 Town Brook Road
West Yarmouth, MA 02673
Phone: (508) 398-2231 ext. 1250

USDA United States of Agriculture

Survey Provided By: **Horsley Witten Group, Inc.**
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Sandwich, MA 02563
Phone: 508-833-6600
Fax: 508-833-3150
Dated: December 1, 2023

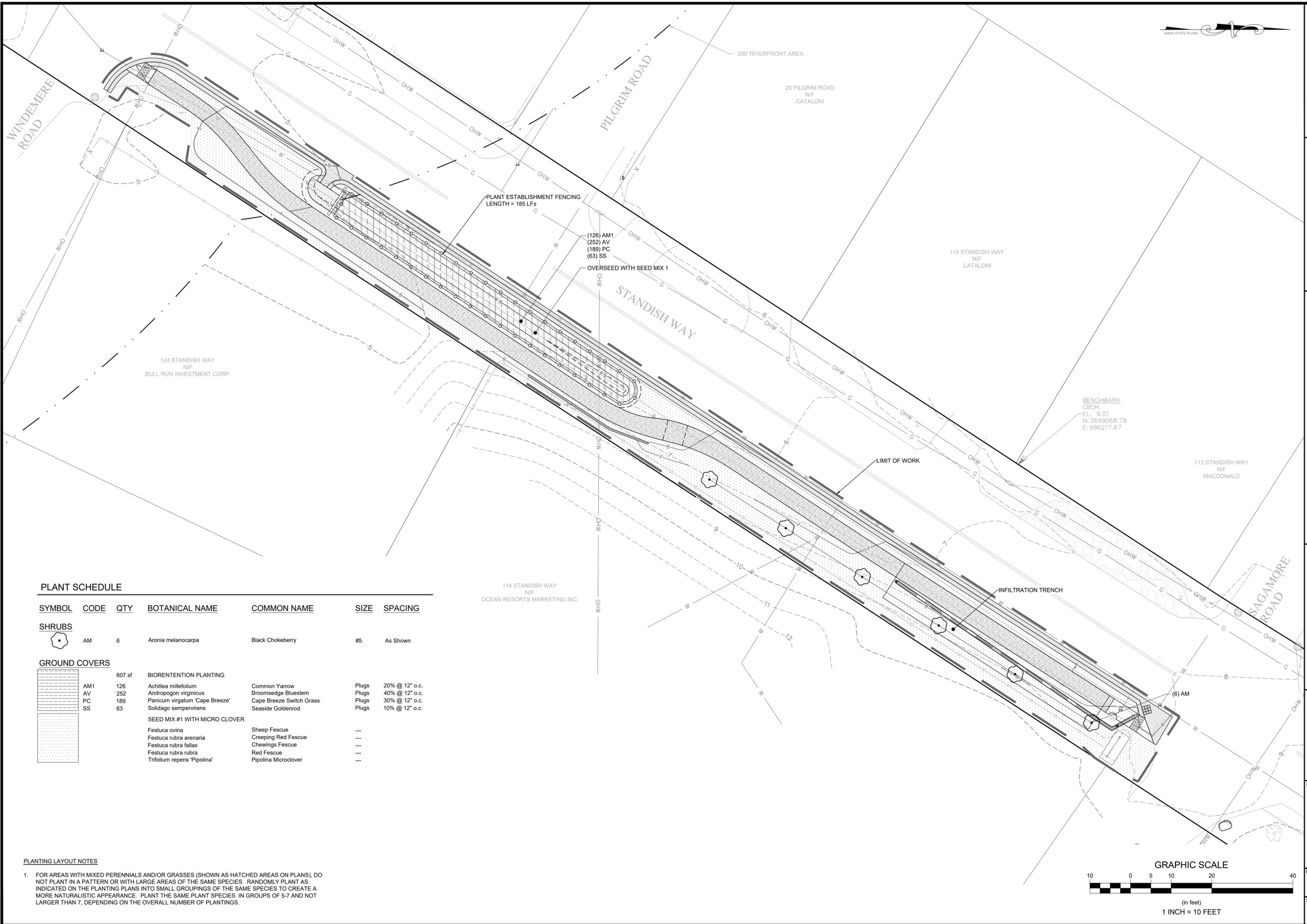
Natural Resources Conservation Service

Project Number: **22108A** Sheet: **5 of 7**

Sheet Number: **C-5**

Professional Engineer Seal: RICHARD A. CLAYTOR, CIVIL, NO. 45116, REGISTERED PROFESSIONAL ENGINEER, MASSACHUSETTS.

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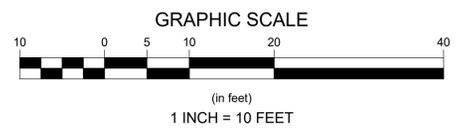


PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
SHRUBS						
	AM	6	Aronia melanocarpa	Black Chokeberry	#5	As Shown
GROUND COVERS						
	AM1	126	Achillea millefolium	Common Yarrow	Plugs	20% @ 12" o.c.
	AV	252	Andropogon virginicus	Broomsedge Bluestem	Plugs	40% @ 12" o.c.
	PC	189	Panicum virgatum 'Cape Breeze'	Cape Breeze Switch Grass	Plugs	30% @ 12" o.c.
	SS	63	Solidago sempervirens	Seaside Goldenrod	Plugs	10% @ 12" o.c.
SEED MIX #1 WITH MICRO CLOVER						
			Festuca ovina	Sheep Fescue	---	
			Festuca rubra arenaria	Creeping Red Fescue	---	
			Festuca rubra fallax	Chewings Fescue	---	
			Festuca rubra rubra	Red Fescue	---	
			Trifolium repens 'Pipolina'	Pipolina Microclover	---	

PLANTING LAYOUT NOTES

- FOR AREAS WITH MIXED PERENNIALS AND/OR GRASSES (SHOWN AS HATCHED AREAS ON PLANS), DO NOT PLANT IN A PATTERN OR WITH LARGE AREAS OF THE SAME SPECIES. RANDOMLY PLANT AS INDICATED ON THE PLANTING PLANS INTO SMALL GROUPINGS OF THE SAME SPECIES TO CREATE A MORE NATURALISTIC APPEARANCE. PLANT THE SAME PLANT SPECIES IN GROUPS OF 5-7 AND NOT LARGER THAN 7, DEPENDING ON THE OVERALL NUMBER OF PLANTINGS.



<p>Revisions</p> <table border="1"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>By</th> <th>Appr</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Rev	Date	By	Appr	Description	1					2					3					4					5				
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<p>Horsley Witten Group, Inc. Sustainable Environmental Solutions 90 Route 6A, Unit 1 Sandwich, MA 02563 Phone: 508-833-6600 Fax: 508-833-3150</p>																															
<p>Designed By: KJK Drawn By: KJK Checked By: MBE Date: JANUARY 2025</p>	<p>Project Number: 22108A Sheet: 6 of 7 Sheet Name: L-1</p>																														
<p>STANDISH WAY GREEN STORMWATER INFRASTRUCTURE - 100% DESIGN WEST YARMOUTH, MASSACHUSETTS</p>																															
<p>PLANTING PLAN</p>																															
<p>Submitted For: Town of Yarmouth DPW 74 Town Brook Road West Yarmouth, MA 02673 Phone: (509) 398-2231 ext. 1250</p> <p>USDA United States Department of Agriculture</p> <p>Natural Resources Conservation Service</p>																															
<p>Survey Provided By: Horsley Witten Group, Inc. 90 Route 6A Sandwich, MA 02563 Phone: 508-833-6600 Fax: 508-833-3150 Dated: December 1, 2023</p>																															

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GENERAL PLANTING NOTES:

- THE FOLLOWING NOTES ARE PROVIDED AS GENERAL PLANTING GUIDELINES ONLY. THOROUGHLY REVIEW THE PROJECT SPECIFICATIONS FOR ALL LANDSCAPE REQUIREMENTS PRIOR TO THE COMMENCEMENT OF ANY LANDSCAPE WORK. SUBMIT IN WRITING TO THE LANDSCAPE ARCHITECT ANY QUESTIONS OR CLARIFICATIONS REQUIRED AT A MINIMUM OF 30 DAYS PRIOR TO ORDERING ANY MATERIALS OR BEGINNING ANY LANDSCAPE CONSTRUCTION.
- SUBMIT TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL ALL REQUIRED LANDSCAPE SUBMITTALS AS DESCRIBED IN THE SPECIFICATIONS INCLUDING A PLANT LIST WITH PLANT SIZE AND QUANTITIES TO BE ORDERED PRIOR TO DELIVERY TO THE PROJECT SITE.
- FURNISH AND INSTALL ALL PLANTS AS SHOWN ON THE DRAWINGS AND IN THE SIZE AND QUANTITIES SPECIFIED ON THE PLANTING SCHEDULE. PLANT SUBSTITUTION SELECTION MUST BE APPROVED BY BIOLOGIST OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANTS TO COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK," LATEST EDITION, PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION INC.
- PLANTS TO BE GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST TWO (2) YEARS. USE HEALTHY NURSERY GROWN PLANTS THAT HAVE A WELL DEVELOPED ROOT SYSTEM. PLANTS MUST BE FREE OF DISEASE, INSECTS, EGGS OR LARVAE.
- INSTALL PLANTS WITHIN ONE (1) WEEK OF PURCHASE. IF PLANTS ARE TO BE STORED AT THE SITE PRIOR TO PLANTING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THEY ARE PROPERLY MAINTAINED, WATERED, AND REMAIN HEALTHY.
- PROCEED WITH PLANTING ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS PERMIT. SUBMIT TO THE LANDSCAPE ARCHITECT IN WRITING THE PROPOSED PLANTING SCHEDULE. OBTAIN APPROVAL OF PLANTING SCHEDULE FROM THE LANDSCAPE ARCHITECT PRIOR TO PERFORMING ANY WORK.
- SEASONS FOR PLANTING:

SPRING:	DECIDUOUS:	APRIL 1 TO JUNE 15
	EVERGREEN:	APRIL 1 TO JUNE 15
	PERENNIALS:	APRIL 15 TO JUNE 1
	GROUNDCOVERS:	APRIL 15 TO JUNE 1
FALL:	DECIDUOUS:	SEPTEMBER 15 TO NOVEMBER 15
	EVERGREEN:	SEPTEMBER 15 TO NOVEMBER 15
	PERENNIALS:	SEPTEMBER 15 TO NOVEMBER 15
	GROUNDCOVERS:	SEPTEMBER 15 TO NOVEMBER 15

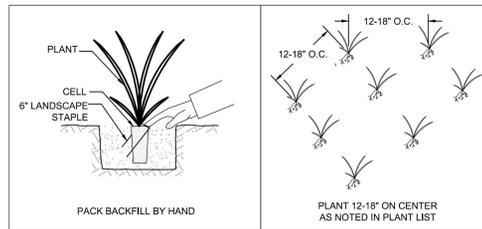
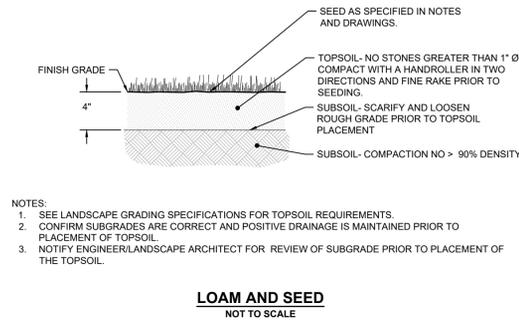
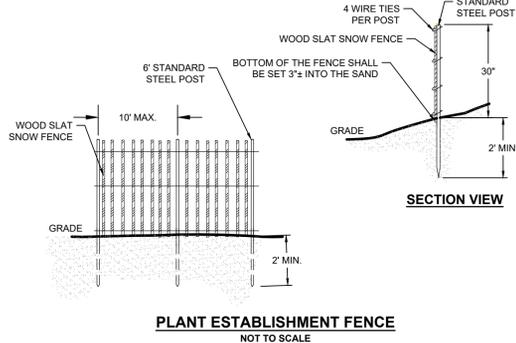
*ALL PLANTING SHALL OCCUR WITHIN THE REQUIRED CONTRACT PROJECT TIME FRAME.
- PLANTING UNDER FROZEN CONDITIONS WILL NOT BE PERMITTED. PLANTING BEFORE OR AFTER THE ABOVE REFERENCED PLANTING DATES WILL INCREASE THE LIKELIHOOD OF PLANT ESTABLISHMENT FAILURE. ANY DEVIATION FROM THE ABOVE REFERENCED PLANTING DATES IS UNDERTAKEN AT SOLE RISK OF THE CONTRACTOR AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY ADDITIONAL MAINTENANCE AND WATERING WHICH MAY BE REQUIRED TO ENSURE SATISFACTORY PLANT ESTABLISHMENT.
- FURNISH ONE YEAR MANUFACTURER WARRANTY FOR PLANTS, AND GROUND COVER AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. EXCEPTIONS ARE DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE, NEGLIGENCE OR ABUSE BY OWNER, OR ABNORMAL WEATHER CONDITIONS UNUSUAL FOR WARRANTY PERIOD. THE DATE OF FINAL ACCEPTANCE OF ALL COMPLETED PLANTING WORK ESTABLISHES THE END OF INSTALLATION AND INITIAL MAINTENANCE PERIOD AND THE COMMENCEMENT OF THE GUARANTEE PERIOD.
- INSPECT ALL AREAS TO BE PLANTED OR SEEDED PRIOR TO STARTING ANY LANDSCAPE WORK. REPORT ANY DEFECTS SUCH AS INCORRECT GRADING, INCORRECT SUBGRADE ELEVATIONS OR DRAINAGE PROBLEMS, ETC. TO THE LANDSCAPE ARCHITECT AND ENGINEER PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK INDICATES ACCEPTANCE OF SUBGRADE AREAS TO BE PLANTED, AND THE LANDSCAPE CONTRACTOR ASSUMES RESPONSIBILITY FOR ALL LANDSCAPE WORK.
- PROVIDE PROPER PREPARATION OF ALL PROPOSED PLANTED AND SEEDED AREAS PER THE NOTES AND SPECIFICATIONS.
- ALL PLANT LAYOUT AND ACTUAL PLANTING LOCATIONS ARE TO BE FIELD VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. NOTIFY THE LANDSCAPE ARCHITECT AT A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO SCHEDULING ANY FIELD INSPECTIONS.
- BALL AND BURLAP: REMOVE BURLAP AND WIRE BASKETS FROM TOPS OF BALLS AND FROM TOP HALF OF FOOTBALL AS INDICATED ON DRAWINGS. REMOVE PALLETS, IF ANY, BEFORE SETTING.
- POTTED PLANTS: REMOVE THE PLANT FROM THE POT AND LOOSEN OR SCORE THE ROOTS BEFORE PLANTING TO PROMOTE OUTWARDS ROOT GROWTH INTO THE SOIL.
- PLUGS: PLANT UPRIGHT AND NOT AT AN ANGLE. DIG PLANTING HOLES LARGE ENOUGH AND DEEP ENOUGH TO ACCOMMODATE THE ENTIRE ROOT MASS. PLANT PLUGS WITH NO TWISTED OR BALLED ROOTS AND WITH NO ROOTS EXPOSED ABOVE THE GRADE LINE. HAND PACK THE SOIL AROUND THE ENTIRE PLUG ROOT MASS.
- DIG THE THE PLANTING HOLE TO THE SAME DEPTH AS THE ROOT BALL AND TWO TO THREE TIMES WIDER. SCORE ALL SIDES OF THE HOLE, PLACE THE PLANT IN THE HOLE SO THE TOP OF ROOT BALL IS EVEN WITH SOIL SURFACE. FILL THE HOLE HALFWAY AND THEN ADD WATER ALLOWING IT TO SEEP INTO BACK FILLED MATERIAL. BE SURE TO REMOVE ALL AIR POCKETS FROM BACK FILLED SOIL. DO NOT SPREAD SOIL ON TOP OF THE ROOTBALL. IF SOIL IS EXTREMELY POOR, REPLACE BACK FILL WITH GOOD QUALITY TOP SOIL. AMEND THE SOIL, AS NECESSARY.
- CREATE A 2" TO 4" BERM AROUND THE EDGE OF PLANTING HOLE WITH REMAINING SOIL TO RETAIN WATER.
- REMOVE ALL PLANT TAGS AND FLAGS FROM THE PLANTS.
- MULCH ALL PLANTING BEDS AS INDICATED ON DRAWINGS. UNLESS NOTED OTHERWISE, ALL PLANTS TO RECEIVE 2-3 INCHES OF MULCH. DO NOT PILE OR MOUND MULCH AROUND THE PLANT STEMS OR TRUNK.
- TRIM BROKEN AND DEAD BRANCHES FROM SHRUBS AFTER PLANTING. NEVER CUT A LEADER.
- DO NOT USE FERTILIZERS UNLESS SPECIFICALLY INDICATED IN THE SPECIFICATIONS OR APPROVED BY THE LANDSCAPE ARCHITECT. DURING PLANTING AND MAINTENANCE OF THE LANDSCAPING OR LAWN AREAS, ADDITIONALLY, DO NOT USE PESTICIDES, OR HERBICIDES CONTAINING INORGANIC COMPOUNDS (IOC) AS LISTED IN THE MASSACHUSETTS DRINKING WATER REGULATION (310 CMR 22.06), OR SYNTHETIC ORGANIC COMPOUNDS (SOC) OR VOLATILE ORGANIC COMPOUNDS (VOC) AS LISTED IN THE MASSACHUSETTS DRINKING WATER REGULATION (310 CMR 22.07).

GENERAL SEEDING NOTES:

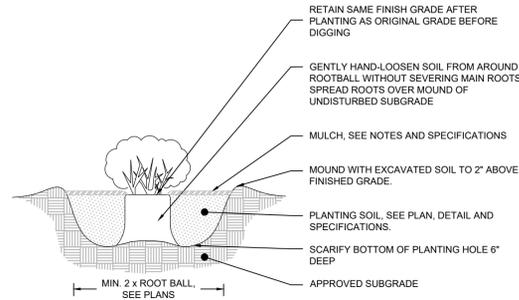
- SEND A REPRESENTATIVE SAMPLE OF THE TOPSOIL TO A TESTING LABORATORY FOR STANDARD SOIL ANALYSIS AS DESCRIBED IN THE SPECIFICATIONS. SUBMIT TO THE LANDSCAPE ARCHITECT AND ENGINEER TEST RESULTS WITH RECOMMENDED SOIL TREATMENTS TO PROMOTE PLANT AND GRASS GROWTH. CORRECT DEFICIENCIES IN THE LOAM AND STOCKPILED TOPSOIL AS DIRECTED BY THE TESTING AGENCY.
- ALL AREAS THAT ARE DISTURBED AND/OR GRADED DURING CONSTRUCTION ARE TO BE BROUGHT TO FINISHED GRADE WITH AT LEAST 4" MINIMUM DEPTH OF GOOD QUALITY LOAM AND SEEDED WITH A QUICK GERMINATING GRASS SEED SUCH AS NEW ENGLAND EROSION CONTROL RESTORATION MIX OR AS SPECIFIED ON THE PLANS.
- PRIOR TO THE PLACEMENT OF TOP SOIL, LOOSEN THE SUBGRADE OF ALL PROPOSED SEEDED AREAS TO A DEPTH OF 6" AND RAKE TO REMOVE STONES LARGER THAN 1 INCH, STICKS, ROOTS, RUBBISH AND OTHER EXTRANEIOUS MATTER AND LEGALLY DISPOSE TO AN OFF SITE LOCATION.
- DO NOT SPREAD TOPSOIL IF THE SUBGRADE IS FROZEN, EXCESSIVELY WET, COMPACTED OR NOT PROPERLY PREPARED PER THE NOTES AND SPECIFICATIONS.
- SEE SPECIFICATIONS FOR SEASONAL REQUIREMENTS FOR SEEDING.

WATERING NOTES:

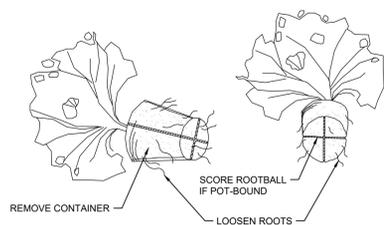
- PROVIDE PROPER PLANT CARE, MAINTENANCE AND WATERING ON SITE UNTIL SUCH TIME AS THE LANDSCAPING IS ACCEPTED BY THE PROPERTY OWNER AS SATISFACTORY PER THE SPECIFICATIONS OR AS DETERMINED BY ANY WRITTEN AGREEMENTS BETWEEN THE CONTRACTOR AND PROPERTY OWNER.
- ESTABLISH AN APPROPRIATE WATERING SCHEDULE FOR ALL PLANT MATERIAL BASED UPON PLANT SPECIES REQUIREMENTS AND SITE CONDITIONS. PROVIDE SCHEDULE IN WRITING TO THE LANDSCAPE ARCHITECT AND OWNER FOR REVIEW AND APPROVAL. ADHERE TO THE APPROVED SCHEDULE UNTIL PLANTS ARE FULLY ESTABLISHED.
- AT A MINIMUM THE NEWLY SEEDED AND/OR HYDROSEEDED AREAS SHOULD BE WATERED DAILY UNTIL FULLY ESTABLISHED. SPECIAL CARE SHOULD BE TAKEN TO ENSURE THAT THE AREA IS NOT SATURATED DURING WATERING. IF AN IRRIGATION SYSTEM IS NOT PROVIDED, A TEMPORARY IRRIGATION SYSTEM OR HANDHELD GARDEN HOSE SHALL BE USED FOR WATERING SEEDED AREAS. THE AREA MUST BE MAINTAINED CONSISTENTLY MOIST FOR THE BEST GERMINATION RESULTS. ADDITIONAL WATERING MAY BE REQUIRED IF PLANTING AND SEEDING OCCUR OUTSIDE OF THE RECOMMENDED PLANTING SEASONS.



PLUG PLANTING
NOT TO SCALE



CONTAINERIZED MATERIAL PLANTING
NOT TO SCALE



CONTAINER PLANT ROOTBALL TREATMENT
NOT TO SCALE

Revisions

Rev.	Date	By	Appr.	Description
1				
2				
3				
4				
5				
6				
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8				
9				
10				

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DATE: JANUARY 2025
Designed By: KJK
Drawn By: KJK
Checked By: MBE

STANDISH WAY GREEN STORMWATER INFRASTRUCTURE - 100% DESIGN WEST YARMOUTH, MASSACHUSETTS

PLANTING DETAILS

Prepared For: **Town of Yarmouth DPW**
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USDA United States Department of Agriculture
Natural Resources Conservation Service

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Dated: December 1, 2023

