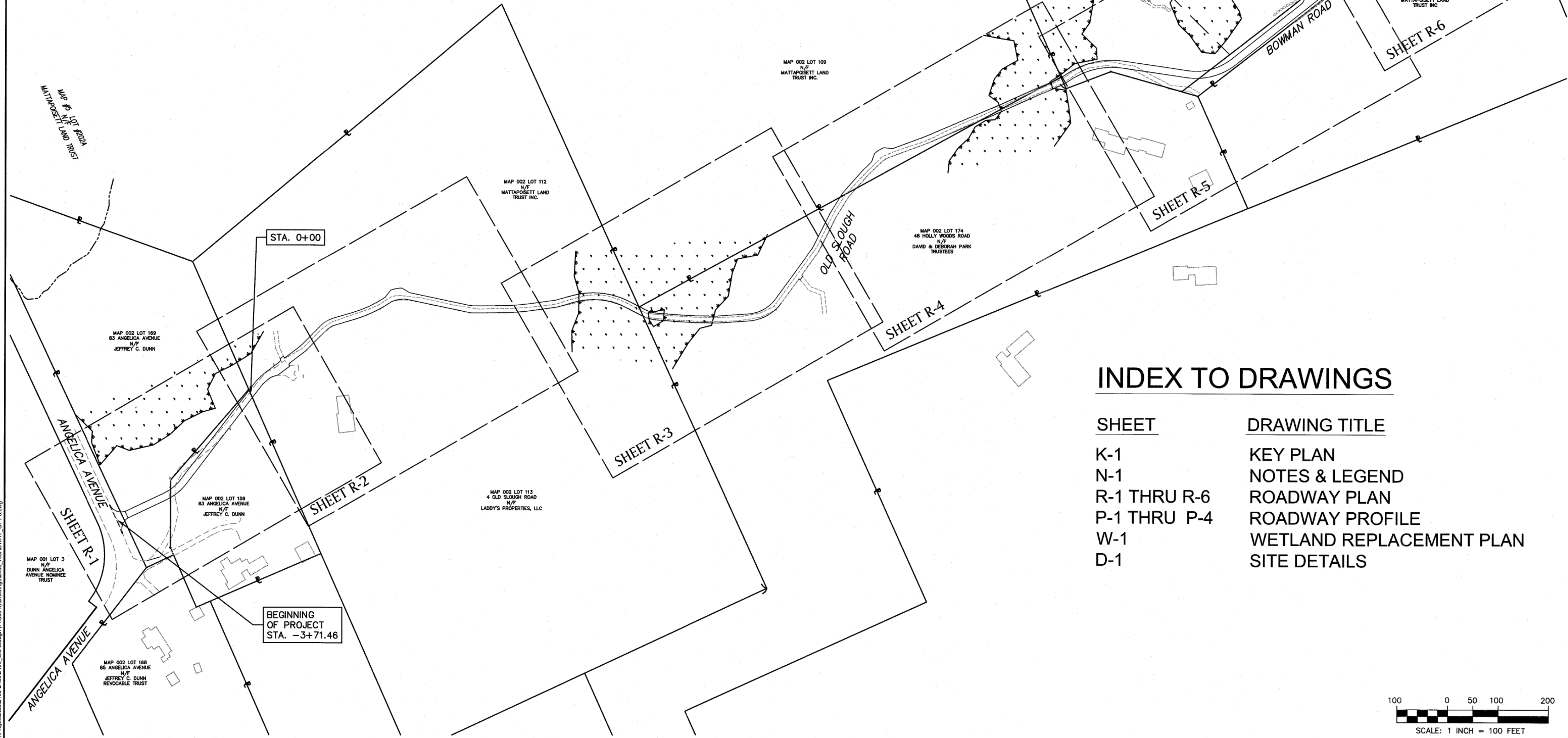
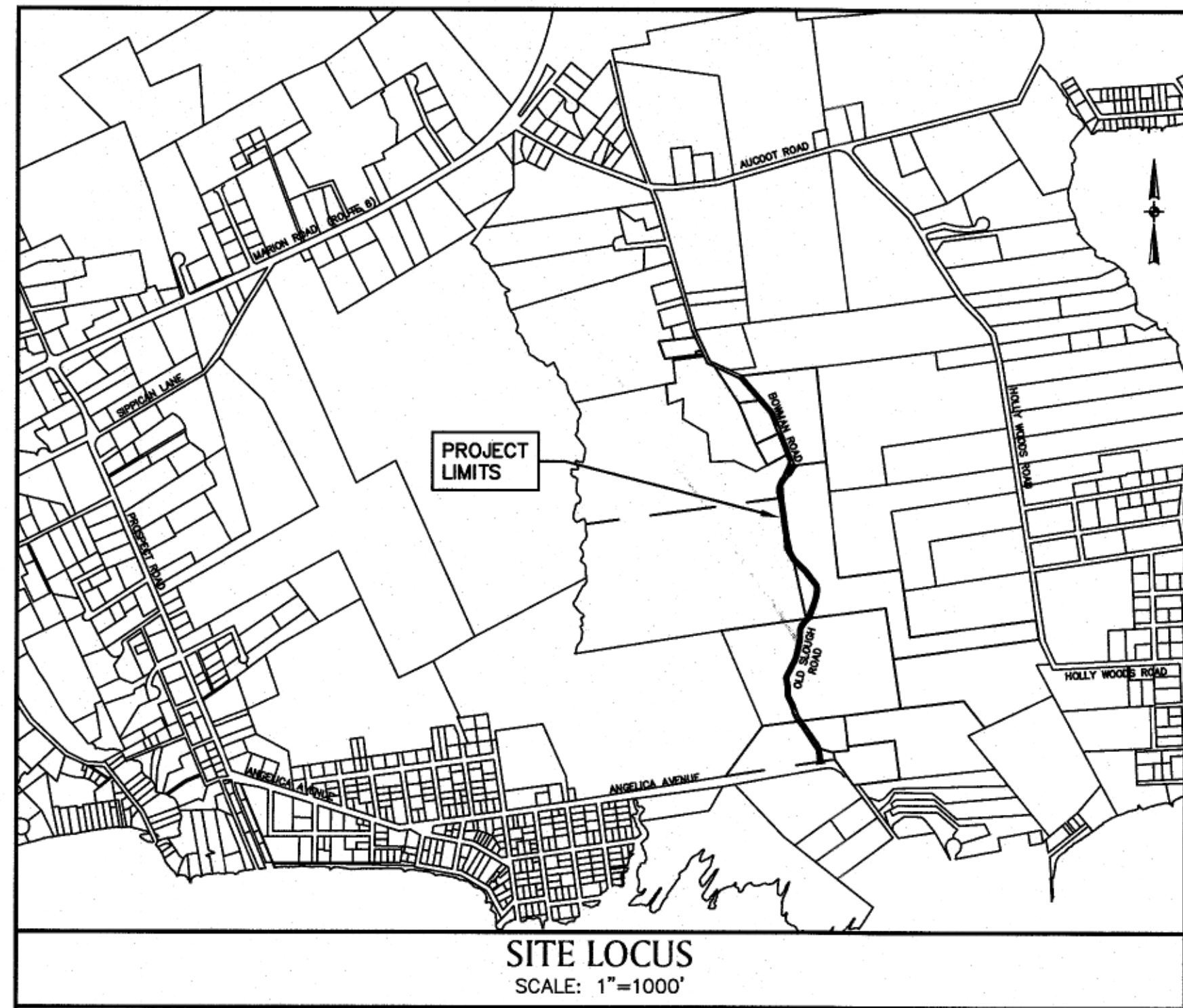
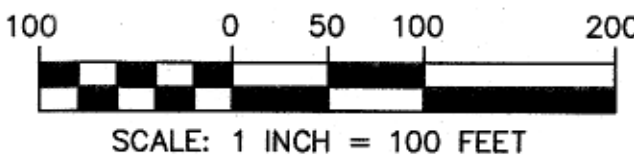




INDEX TO DRAWINGS

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Revisions			
No.	Description	Date	Appvd.

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		12/12/2022	
Scale			
1"=100'			
Drawn By	Designed By	Checked By	
RMS	KJM	RMF	

Issued For

PERMITTING



TOWN OF MATTAPoisETT
SELECT BOARD
OLD SLOUGH ROAD RECONSTRUCTION
MATTAPoisETT, MASSACHUSETTS

Drawing Title
KEY PLAN

Project No.
2496

Sheet
1 OF 14

K-1

1. TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON LIDAR MAPPING DATA OBTAINED FROM THE NOAA OFFICE FOR COASTAL MANAGEMENT WEBSITE AND SUPPLEMENTED WITH AN ON-THE-GROUND SURVEY OF THE MADDOGAN LAND SURVEYING, INC. BETWEEN MARCH AND MAY 2022.
2. ELEVATIONS ARE REFERENCED TO NAVD 88.
3. NO PORTION OF THE LIMITS OF WORK SHOWN HEREON IS LOCATED WITH A 100 YEAR FLOOD HAZARDOUS ZONE, AS DETERMINED BY FEMA FIRMETTE NO. 250230356/L DATED 7/6/2021 AND NO. 250230356/L DATED 7/17/2021.
4. PROPERTY LINE INFORMATION HAS BEEN COMPILED FROM RECORD PLANS, DEEDS OF RECORD.
5. THIS PLAN AND THE ACCOMPANYING CERTIFICATIONS DO NOT CONSTITUTE A CERTIFICATION OF THE TITLE TO THE PROPERTY SHOWN HEREON. THE OWNER OF THE LOCUS AND ABUTTING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN ASSESSORS RECORDS.
6. THE BOUNDARY OF THE WETLAND RESOURCE AREAS SHOWN HEREON HAVE BEEN ESTABLISHED BY SAKATA INC. BETWEEN MARCH AND MAY 2022 AND FIELD LOCATED BY MADDOGAN LAND SURVEYING, INC.

1. THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT 811, 72 HOURS PRIOR TO ANY EXCAVATION AND/OR SURFACE TESTING TO INFORM THE UTILITY COMPANIES OF ANY EXCAVATION.
2. ALL EXCAVATED MATERIAL DESIGNATED FOR REUSE SHALL BE STOCKPILED ON SITE NO HIGHER THAN 8 FEET AND SHALL BE ENCLOSED BY FENCED ENCLOSURES TO PREVENT TRAVEL OF SEDIMENT TO ADJACENT PROPERTIES OR DRAINAGE WAYS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED LOCATION. BURIAL OF WASTE MATERIAL ON SITE WILL NOT PERMITTED.
4. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AND MAINTAINED IN GOOD CONDITION UNTIL SURFACE RESTORATION IS COMPLETE AND ALL AREAS DISTURBED BY THE CONTRACTORS OPERATIONS ARE STABILIZED.
5. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY.
6. DRAINAGE GENERATED AS A RESULT OF TRENCH Dewatering SHALL BE TREATED AND DISCHARGED TO EXISTING DRAINAGE COURSES WITH PROPER EROSION CONTROL AND Dewatering MEASURES SUBJECT TO APPROVAL BY THE PROJECT ENGINEER. DIRECT UNTREATED DISCHARGE TO PAVED DRIVEWAYS, WETLANDS OR PRIVATE PROPERTY SHALL NOT BE ALLOWED WITHOUT CONSENT OF THE PROJECT ENGINEER AND THE CONSERVATION COMMISSION.
7. THE OWNER AND THE PROJECT ENGINEER SHALL APPROVE ALL FIELD CHANGES IN THE WORK PRIOR TO IMPLEMENTATION. NO FIELD CHANGES THAT MAY IMPACT ANY SPECIALTY WORK OR WHICH MATERIALS OR METHODS DIFFER FROM THE DRAWINGS HAVE BEEN SUBMITTED AND APPROVED WITHOUT PRIOR CONSULTATION OF THE OWNER AND THE PROJECT ENGINEER. ANY CHANGES SO MADE WITHOUT THE WRITTEN CONSENT OF THE OWNER AND THE PROJECT ENGINEER SHALL BE DEEMED UNACCEPTABLE BY EITHER PARTY, BE PROMPTLY REMOVED FROM THE WORK AT NO EXPENSE TO THE OWNER OF THE PROJECT.
8. ANY WORK OR MATERIALS NOT MEETING THE APPROVED STANDARDS AND SPECIFICATIONS NOTED HEREIN SHALL BE REPLACED OR CORRECTED AND REPLACED AT THE FULL RESPONSIBILITY AND COST/EXPENSE TO THE CONTRACTOR.
9. SEE CONSTRUCTION DETAIL SHEETS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
10. UNLESS OTHERWISE SHOWN ON THESE PLANS, ANY AREAS DISTURBED BY THE CONTRACTORS SHALL BE RESTORED TO ITS PRE-EXISTING CONDITION.

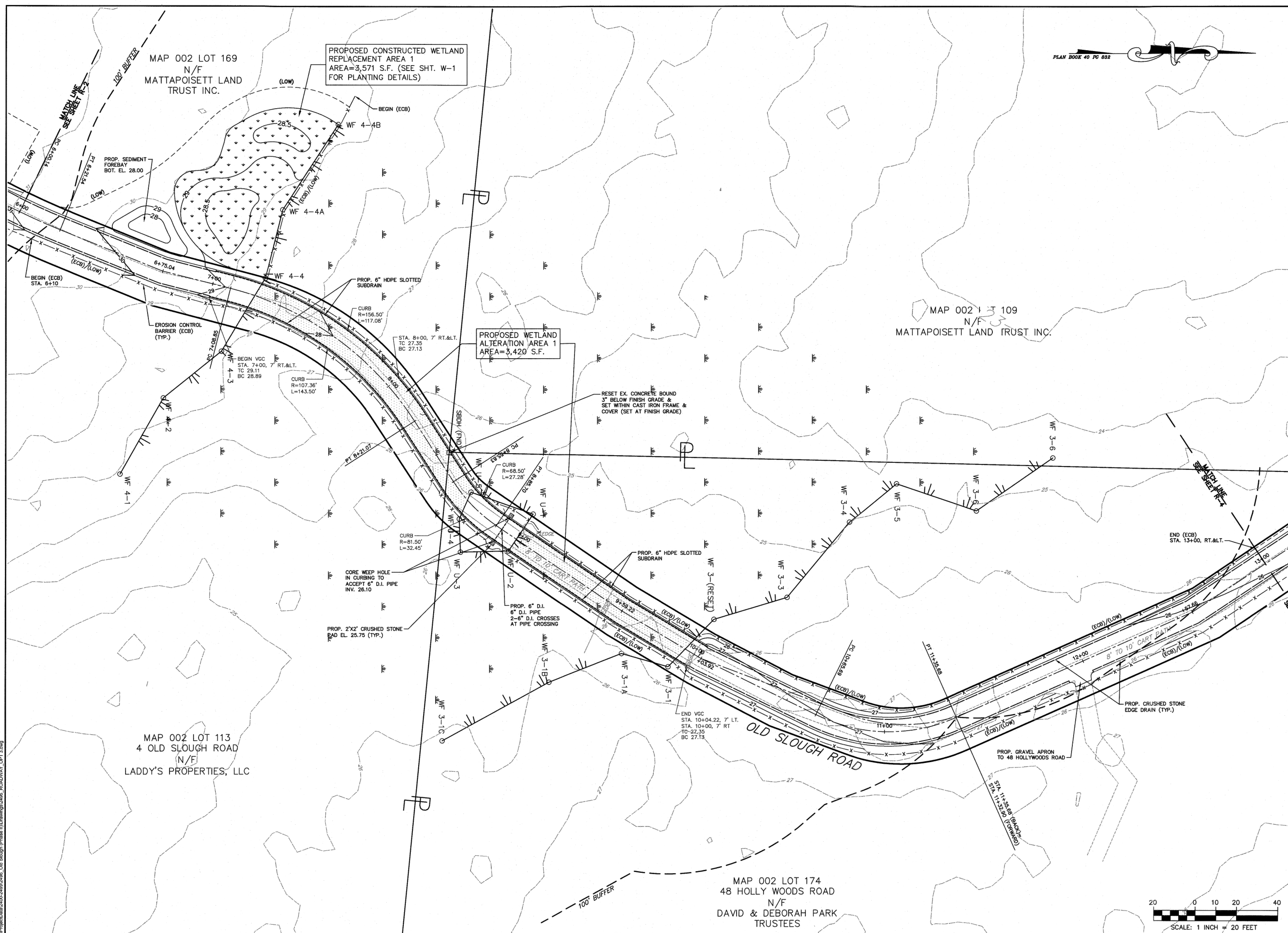
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER FACILITIES UNTIL SUCH TIME AS THE STORMWATER MANAGEMENT SYSTEM IS ACCEPTED BY THE TOWN. THEREAFTER THE TOWN SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF THE STORMWATER FACILITIES IN ACCORDANCE WITH THIS OPERATION AND MAINTENANCE PLAN AND ALL OTHER LOCAL/STATE/FEDERAL REGULATORY PERMIT CONDITIONS.
2. ALL STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) INCLUDING THE BIORETENTION AREAS SHOULD BE INSPECTED AFTER EVERY MAJOR RAINFALL EVENT EXCEEDING 1.0-INCH FOR THE FIRST 6 MONTHS AFTER CONSTRUCTION TO ENSURE PROPER STABILIZATION AND CONSTRUCTION.
3. THEREAFTER REGULAR BMP INSPECTIONS SHOULD BE CONDUCTED ACCORDING TO THE FOLLOWING SCHEDULE:

BMP STRUCTURE	INSPECTIONS PER YEAR
GRASSED SWALES	2
STONE EDGE DRAIN	4
4. THE TOWN SHALL MAINTAIN A BMP INSPECTION REPORT FOLLOWING EACH SITE INSPECTION AS RECOMMENDED ABOVE. THE BMP INSPECTION REPORT SHALL IDENTIFY THE DATE OF INSPECTION, NAME AND CONTACT NUMBER OF RESPONSIBLE PARTY, SPECIFIC STRUCTURES INSPECTED, SPECIFIC MAINTENANCE REQUIRED AND OBSERVATIONS AT A MINIMUM. INSPECTION REPORTS SHOULD ADDRESS THE FOLLOWING CONDITIONS:
 1. TRASH REMOVAL
 2. EROSION/SLOPE STABILITY
 3. MULCH REPLACEMENT
 4. INLET/OUTLET CONDITIONS
 5. SEDIMENT ACCUMULATIONS
 6. REMOVAL/REPLACEMENT OF DEAD VEGETATION
5. ACCUMULATED SILT AND SEDIMENT SHOULD BE REMOVED FOUR TIMES A YEAR FOR STORMWATER BASIN AREAS OR MORE FREQUENTLY IF ACCUMULATED DEPTH OF SEDIMENT EXCEEDS SIX INCHES.
6. ALL REMOVED SEDIMENTS ARE TO BE PROPERLY DISPOSED AT A LOCATION TO BE APPROVED BY THE BOARD OF HEALTH. TRANSPORTATION AND DISPOSAL OF SEDIMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
7. THE STORMWATER MANAGEMENT AREAS AND GRASS SWALES SHOULD BE INSPECTED FOR TRASH MONTHLY. ANY ACCUMULATED TRASH, LITTER AND DISCARDED MATERIALS IN THESE AREAS WILL BE REMOVED.
8. SNOW WILL BE STOCKPILED WITHIN UPLAND AREAS WHICH DRAIN AWAY FROM THE WETLAND RESOURCE AREAS WHEREVER PRACTICABLE.
9. NO DISPOSAL OF MATERIALS WILL BE PERMITTED WITHIN THE STORMWATER MANAGEMENT AREAS AND DRAINAGE SWALES. THIS PROHIBITION APPLIES TO TRASH, FILL MATERIAL, CONSTRUCTION DEBRIS, GRASS CLIPPINGS, COLLECTED LEAVES AND CUT BRANCHES.
10. THE STORMWATER MANAGEMENT AREAS AND DRAINAGE SWALES WILL BE INSPECTED MONTHLY DURING REGULARLY SCHEDULED MID-SUMMER LANDSCAPING AND WEEDING OPERATIONS FOR INVASIVE OR UNWANTED PLANTS. IF INVASIVE SPECIES ARE FOUND, THEY WILL BE PHYSICALLY UPROOTED AND REMOVED FROM THE AREA.

8. ALL EROSION MITIGATION MEASURES SHALL BE IN PLACE PRIOR TO MAJOR CONSTRUCTION OR SOIL DISTURBANCE COMMENCING ON THE SITE.

	PROPERTY LINE
	TOPOGRAPHIC CONTOUR
	DRILL HOLE—CONCRETE BOUND/FOUND
	CHAIN—LINK FENCE
	WATER GATE
	DRAIN MANHOLE
	CATCH BASIN
	DROP INLET
	FIRE HYDRANT
	SEWER MANHOLE
	CATV MANHOLE
	CATV HAND HOLE
	TELEPHONE HAND HOLE
	ELECTRIC MANHOLE
	ELECTRIC HAND HOLE
	LIGHT POLE
	TRANSFORMER
	FIBER OPTIC BOX
	SWITCH BOX
	SOIL BORING LOCATION
	TEST PIT LOCATION

<u>100</u>	PROPOSED INDEX CONTOUR
<u>98</u>	PROPOSED INTERMEDIATE CONTOUR
<u>98.8</u>	PROPOSED SPOT GRADE
<u>-----</u>	PROPOSED PROPERTY LINE
	PROPOSED MONUMENT
<u>//////</u>	PROPOSED BUILDING
<u>-----</u>	PROPOSED EDGE OF PAVEMENT
<u>CURB TYPE</u>	PROPOSED CURB
<u>SIDEWALK TYPE</u>	PROPOSED SIDEWALK
<u>-----</u>	PROPOSED EDGE GRAVEL DRIVES
	PROPOSED LIMIT OF CLEARING
<u>x</u>	PROPOSED FENCE LINE
<u>WALL TYPE</u>	PROPOSED WALL
<u>-----</u>	PROPOSED SETBACK LINE
<u>-----</u>	PROPOSED EASEMENT LINE
<u>-----</u>	PROPOSED ZONING BOUNDARY
	PROPOSED RIP RAP
	PROPOSED SIGN POST
	PROPOSED LIGHT POLE
	PROPOSED UTILITY POLE
	PROPOSED GUY POLE
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	PROPOSED FLARED END
	PROPOSED SEWER MANHOLE
	PROPOSED WATER MANHOLE
	PROPOSED HYDRANT
	PROPOSED WATER GATE VALVE
	PROPOSED CURB STOP
	PROPOSED WELL LOCATION
	PROPOSED ELECTRIC MANHOLE
	PROPOSED HAND HOLE
	PROPOSED TRANSFORMER PAD
	PROPOSED TELEPHONE MANHOLE
	PROPOSED CONTROLLER CABINET
	PROPOSED GAS GATE
<u>SIZE & TYPE</u>	PROPOSED DRAIN LINE
<u>SIZE & TYPE</u>	PROPOSED SEWER LINE
<u>SIZE & TYPE</u>	PROPOSED WATER LINE
<u>SIZE & TYPE</u>	PROPOSED GAS LINE
<u>CONDUIT SIZE</u>	PROPOSED ELECTRIC LINE
<u>TYPE</u>	PROPOSED CABLE T.V. & TELEPHONE
	PROPOSED SEPTIC SYSTEM LOCATION
<u>-----</u>	PROPOSED WETLAND REPLICATION AREA
<u>-----</u>	PROPOSED SILTATION CONTROL
<u>LOC</u>	PROPOSED LIMIT OF CLEARING
	EXISTING STRUCTURE TO BE DEMOLISHED
(R&D)	REMOVE & DISPOSE
(R&R)	REMOVE & RESET
(AG)	ADJUST TO GRADE
(AB)	ABANDON
(AIP)	ABANDON IN PLACE
(ECB)	EROSION CONTROL BARRIER
(LOW)	LIMIT OF WORK



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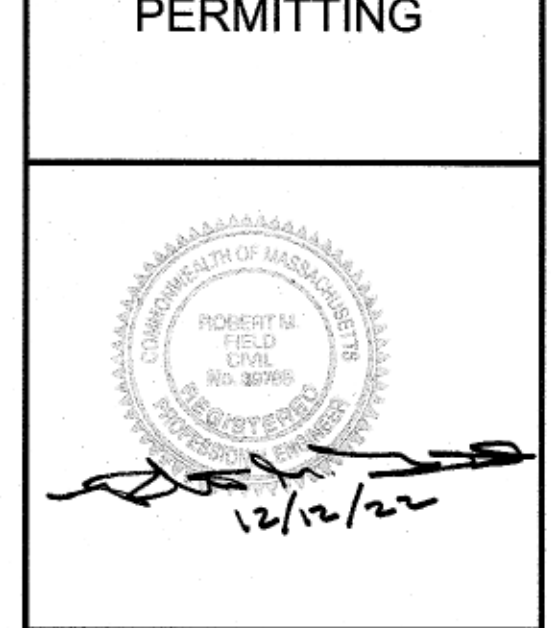
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No.	Description	Date	App'd.

Date: 12/12/2022

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Drawn By: RMS
Designed By: KJM
Checked By: RMF

Issued For: PERMITTING



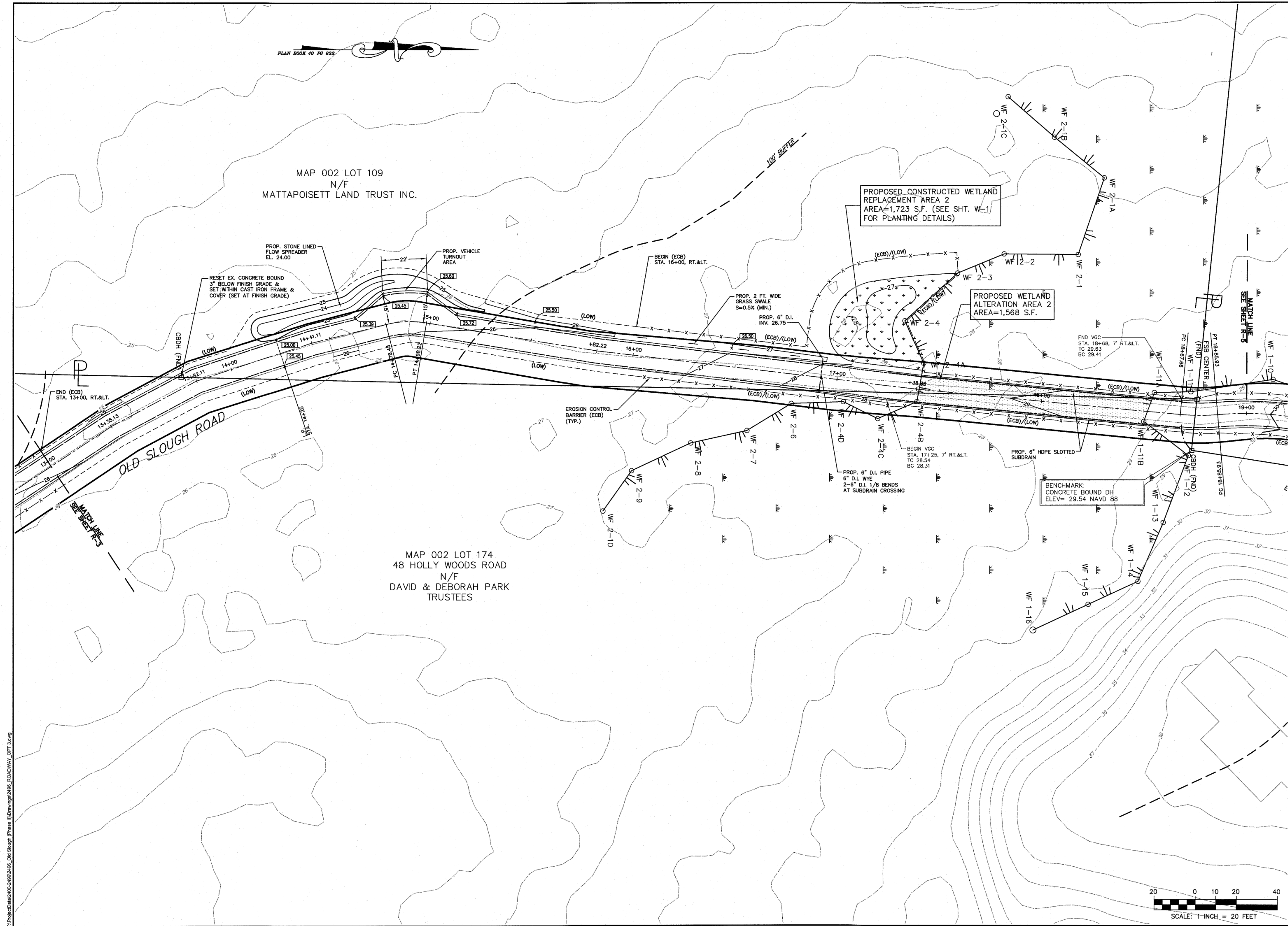
TOWN OF MATTAPOISETT
SELECT BOARD
OLD SLOUGH ROAD RECONSTRUCTION
MATTAPoisETT, MASSACHUSETTS

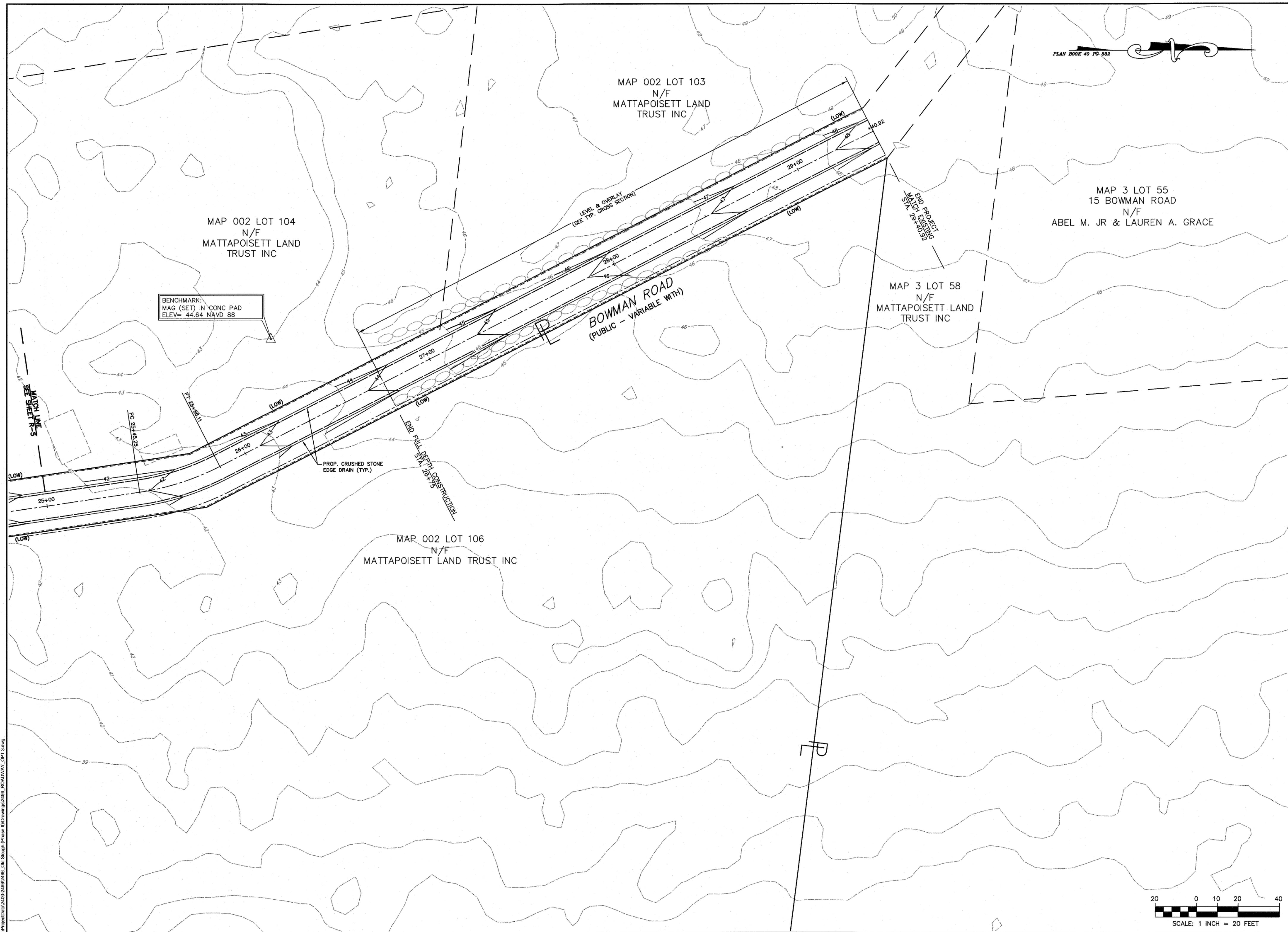
Drawing Title
ROADWAY PLAN
STA. 6+00 - 13+00

Project No. 2496
Sheet 4 OF 12

R-3

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**TOWN OF MATTAPOISETT
SELECT BOARD**

OLD SLOUGH ROAD RECONSTRUCTION
MATTAPAN, MASSACHUSETTS

Drawing Title

ROADWAY PLAN
STA. 25+00 - 29+40.92

Project No.	Sheet
2496	8 OF 14

R-6

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No.	Description	Date	Appv
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Date 12/12/2022

Scale $1"=20'$

Drawn By RMS	Designed By KJM	Checked By RMF
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**TOWN OF MATTAPOISETT
SELECT BOARD**

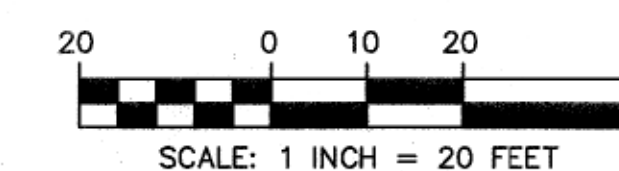
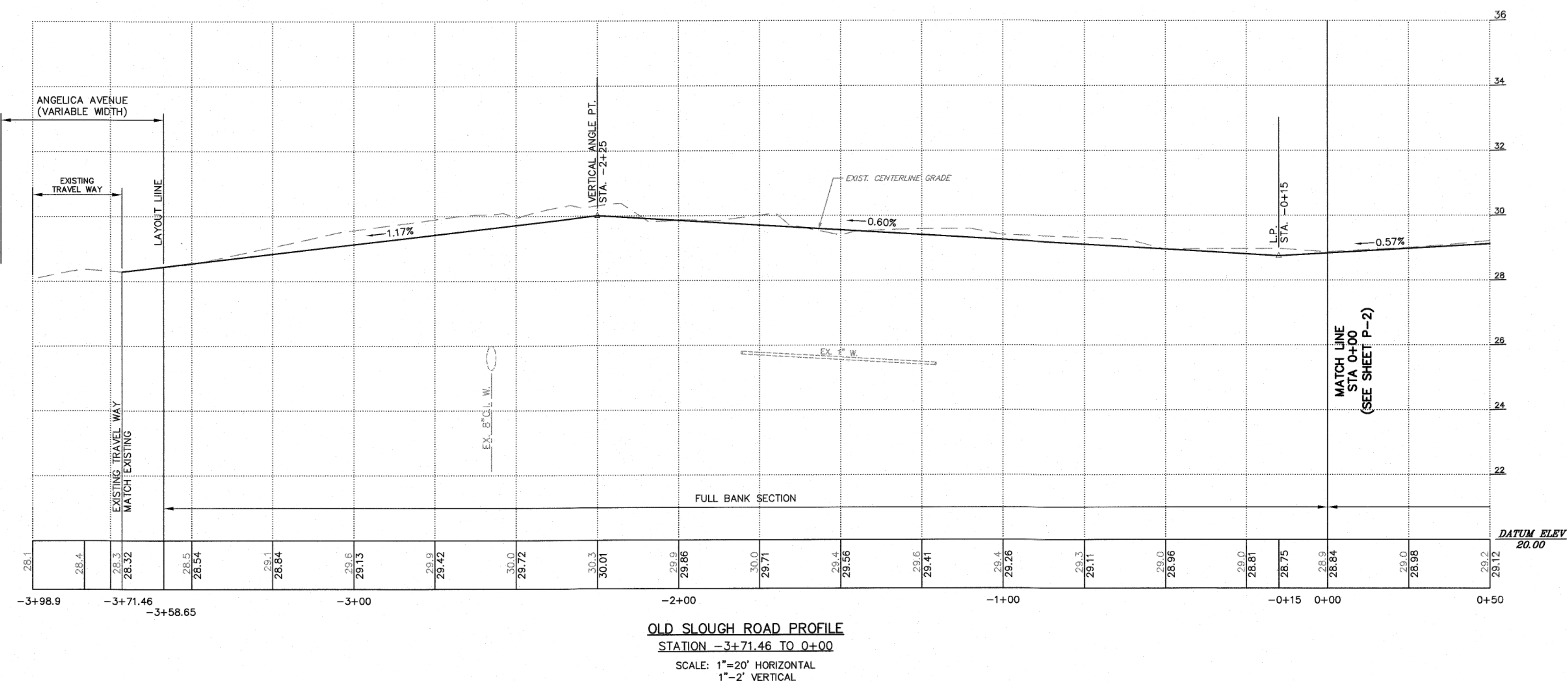
OLD SLOUGH ROAD RECONSTRUCTION
MATTAPAN, MASSACHUSETTS

Drawing Title

ROADWAY PROFILE
STA. -3+71.46 - STA. 0+00

Project No.	Sheet
2496	9 OF 14

P-1



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No.	Description	Date	Appvd.
Date		12/12/2022	

Scale $1"=20'$

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TOWN OF MATTAPOISETT
SELECT BOARD

OLD SLOUGH ROAD RECONSTRUCTION
MATTAPAN, MASSACHUSETTS

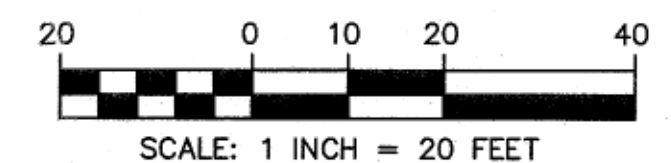
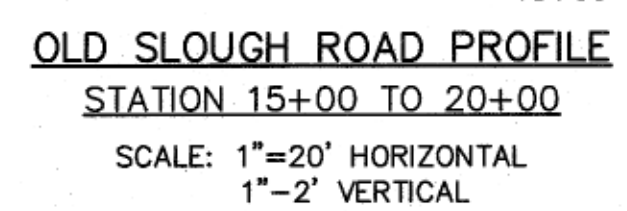
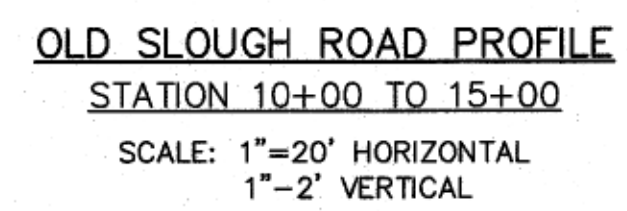
Drawing Title

ROADWAY PROFILE
STA. 10+00 - 20+00

Project No.
2496

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P-3



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No.	Description	Date	Appvd.
Date		12/12/2022	

Scale $1"=20'$

Drawn By RMS	Designed By KJM	Checked By RMF
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12/12/22

TOWN OF MATTAPOISETT
SELECT BOARD

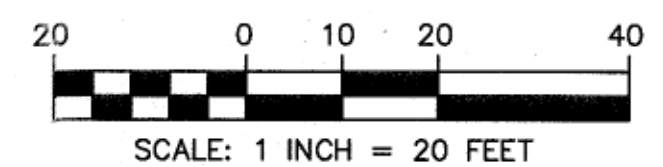
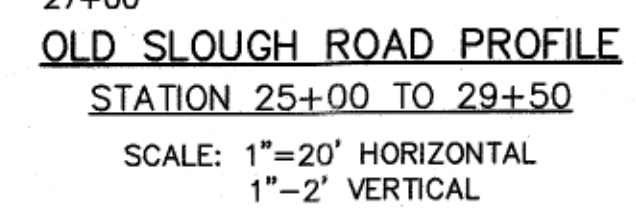
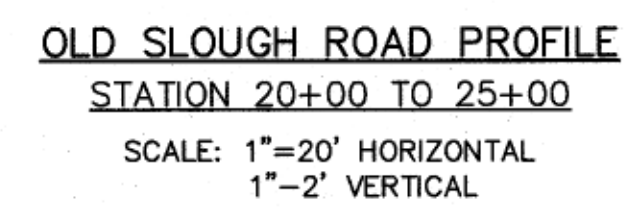
OLD SLOUGH ROAD RECONSTRUCTION
MATTAPAN, MASSACHUSETTS

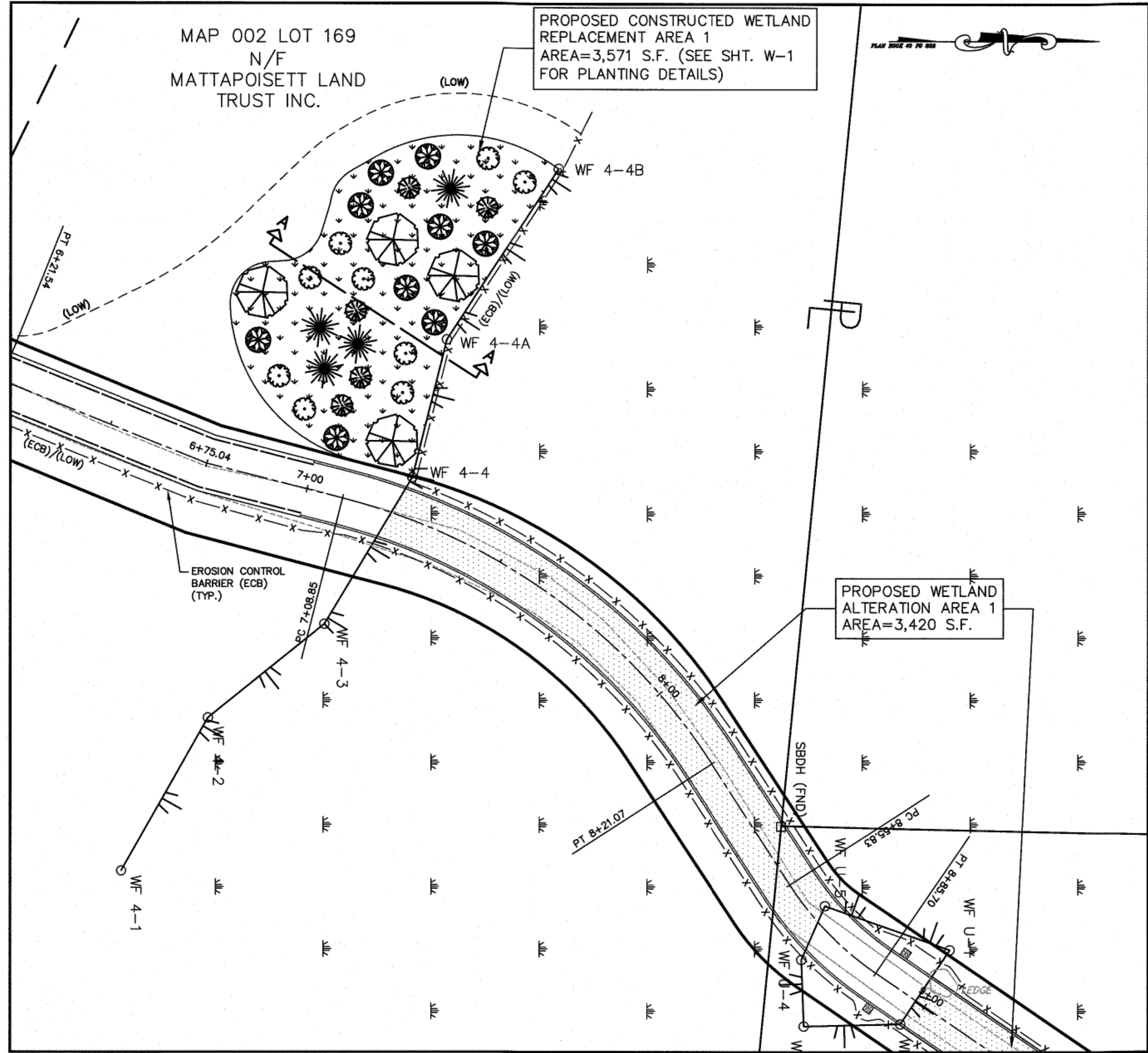
Drawing Title

ROADWAY PROFILE
STA. 20+00 - 29+40.92

Project No.	Sheet
2496	12 OF 14

P-4

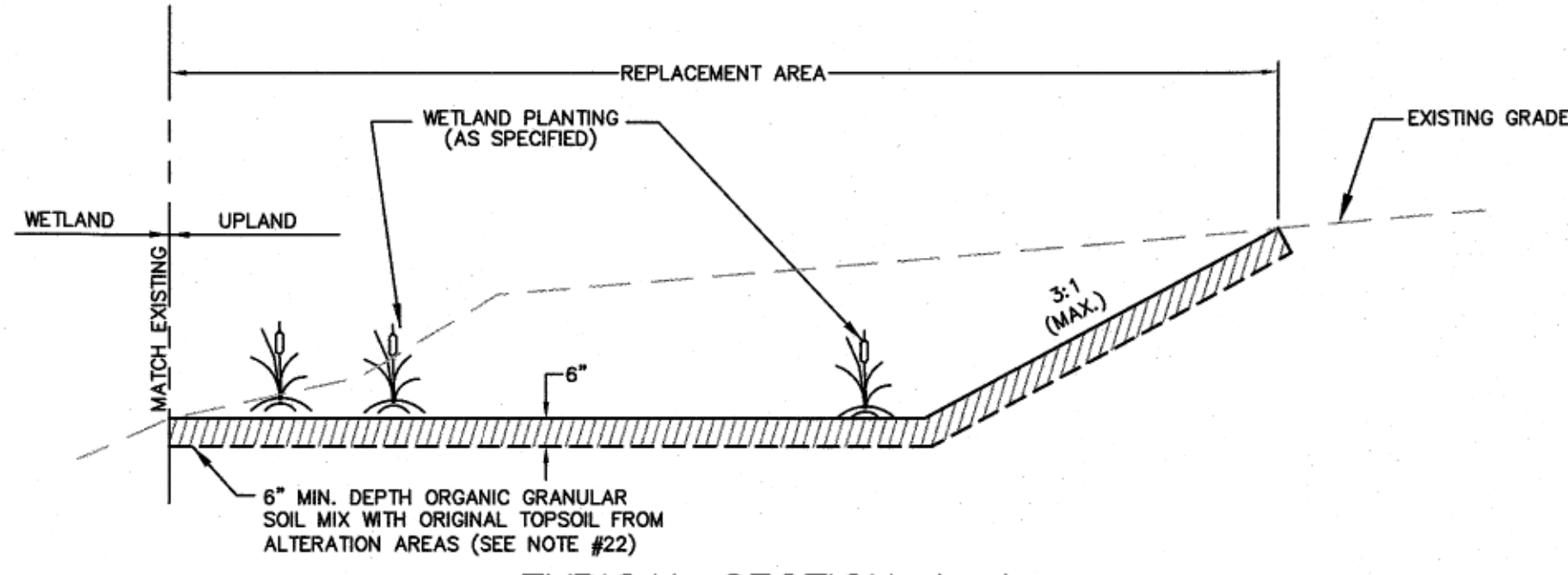
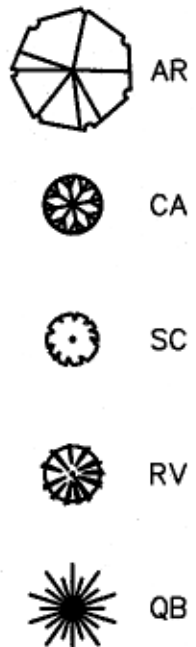




PROPOSED PLANT LIST WETLAND REPLACEMENT - AREA 1

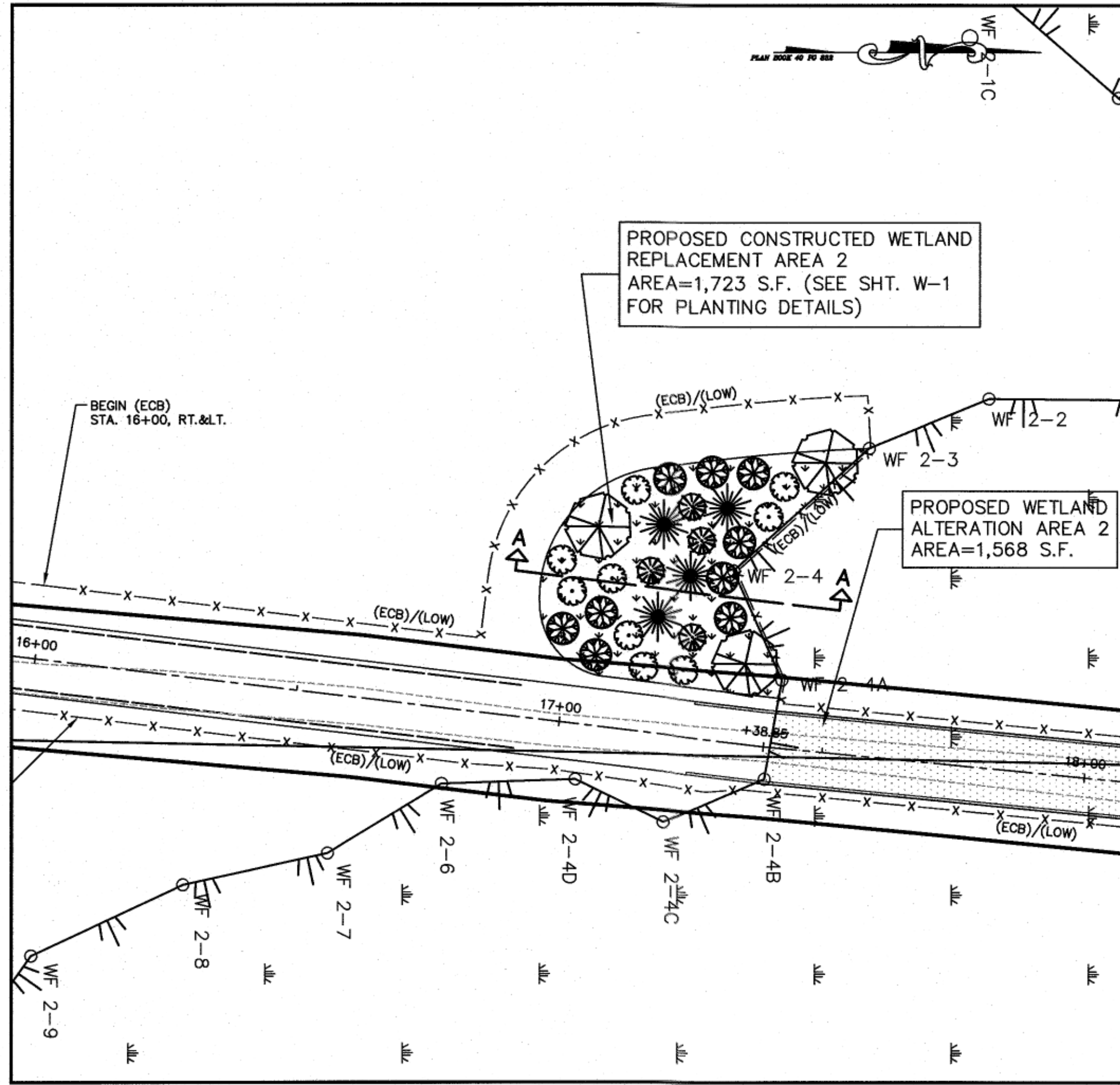
QU.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
4	QB	Quercus Bicolor	Swamp White Oak	4'-6' HT.	SPACE 10' O.C. (MIN.)
9	CA	Clethra Anifolia	Sweet Pepperbush	2'-3' HT.	SPACE 5' O.C. (MIN.)
8	SC	Vaccinium Corymbosum	Highbush Blueberry	2'-3' HT.	SPACE 5' O.C. (MIN.)
5	RV	Rhododendron Viscosum	Swamp Azalea	2'-3' HT.	SPACE 5' O.C. (MIN.)
4	AR	Acer Rubrum	Red Maple	4'-6' HT.	SPACE 10' O.C. (MIN.)

PLANT KEY



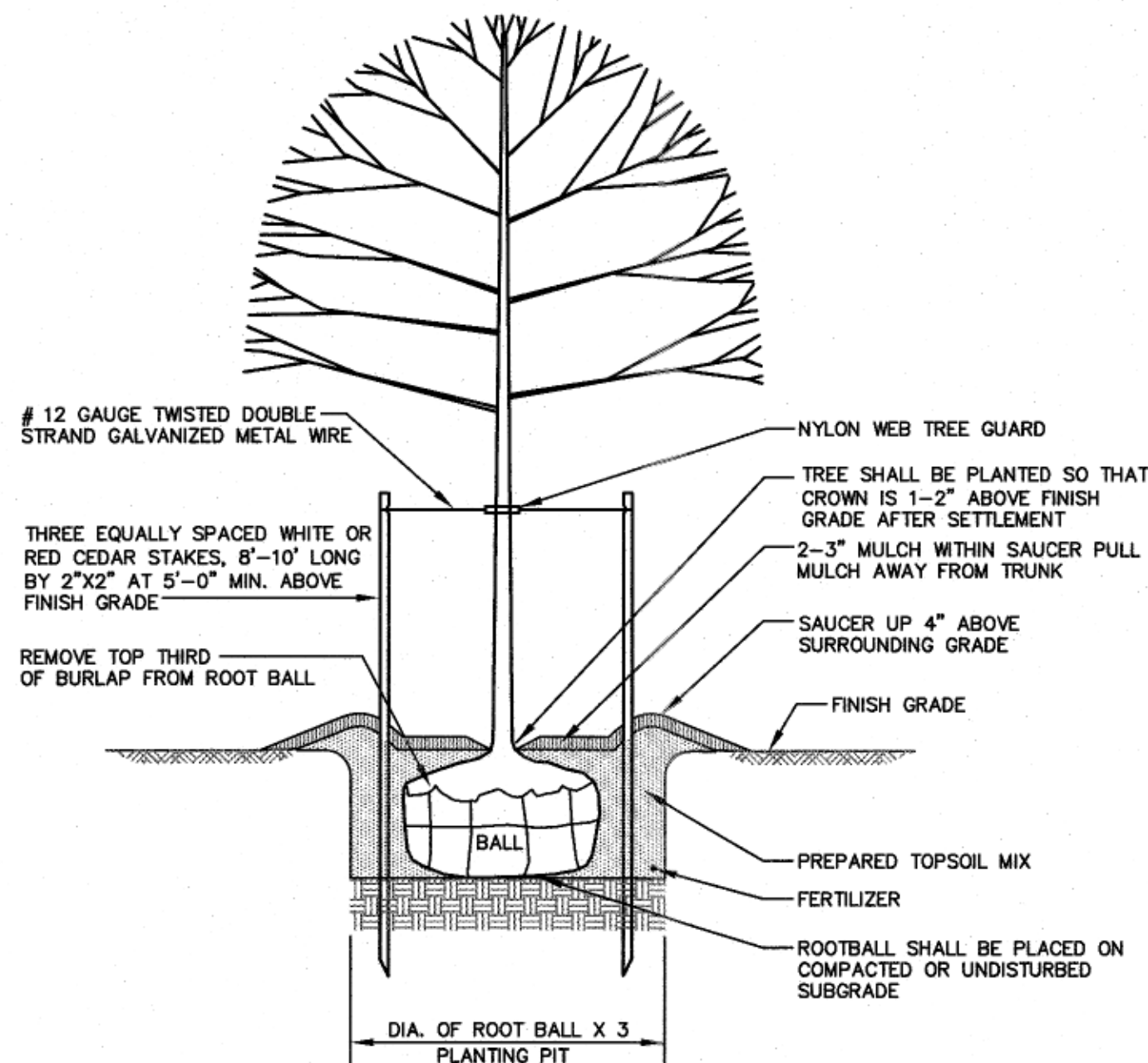
TYPICAL SECTION A-A
WETLAND REPLACEMENT AREA
SCALE: 1"=4' HORIZ.
1"=2' VERT.

TOTAL BVW REPLACEMENT AREA - 5,294 S.F.
TOTAL PERMANENT BVW AREA - 4,988 S.F.



PROPOSED PLANT LIST WETLAND REPLACEMENT - AREA 2

QU.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
4	QB	Quercus Bicolor	Swamp White Oak	4'-6' HT.	SPACE 10' O.C. (MIN.)
9	CA	Clethra Anifolia	Sweet Pepperbush	2'-3' HT.	SPACE 5' O.C. (MIN.)
8	SC	Vaccinium Corymbosum	Highbush Blueberry	2'-3' HT.	SPACE 5' O.C. (MIN.)
4	RV	Rhododendron Viscosum	Swamp Azalea	2'-3' HT.	SPACE 5' O.C. (MIN.)
3	AR	Acer Rubrum	Red Maple	4'-6' HT.	SPACE 10' O.C. (MIN.)



1.) PREPARED TOPSOIL MIX SHALL CONSIST OF HIGH ORGANIC SOIL WITH NO LESS THAN 10% ORGANIC MATTER.
2.) ALL PLANTS SHALL BE FLOODED WITH WATER TWICE WITHIN THE FIRST TWENTY-FOUR HOUR PERIOD AFTER PLANTING.

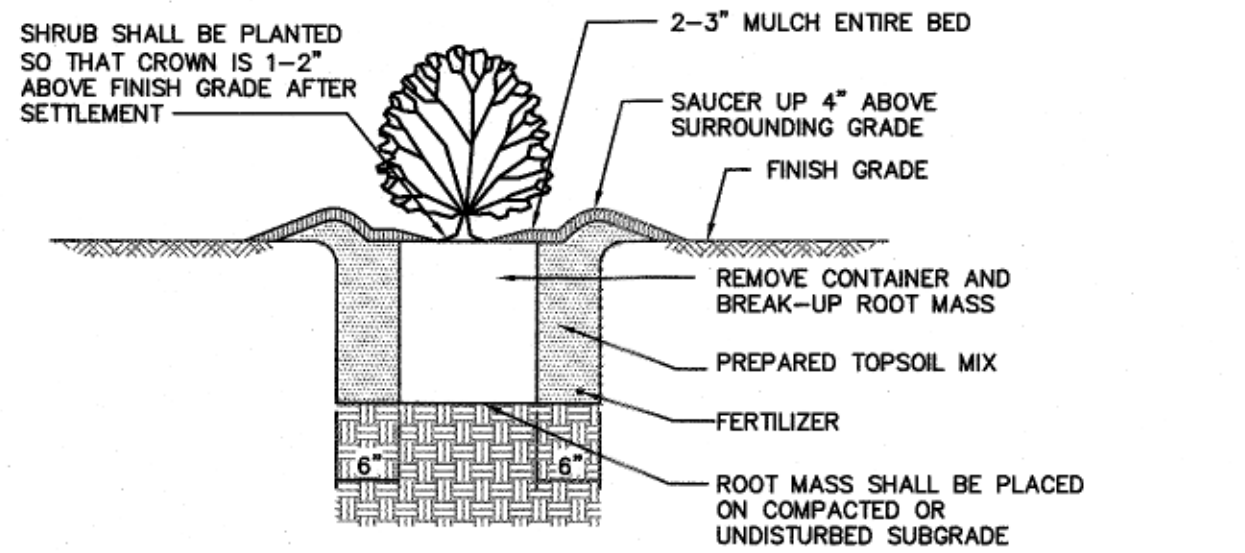
TREE PLANTING DETAIL
NOT TO SCALE

PLANTING NOTES

- PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED; INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS, AND CLEAN-UP.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT, LAYOUT TO BE APPROVED BY THE WETLAND BIOLOGIST AND THE CONSERVATION COMMISSION PRIOR TO INSTALLATION.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES; DENSELY FOLIATED; VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
- CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL TO THE WETLAND BIOLOGIST.
- ALL PLANT MATERIAL SHALL BE PURCHASED FROM A NEW ENGLAND WETLAND PLANT NURSERY AND GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. PROVISIONS SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST ONE YEAR FROM THE DATE OF ACCEPTANCE FOR TREES AND SHRUBS. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
- INsofar as it is PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.
- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI 260 (REV. 1980) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- ALL PLANTS SHALL BE PLANTED IN TRANSPORTED TOP SOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. PLANTING MIX TO BE AS SHOWN ON PLANTING DETAIL. RAISE AND REPLANT ANY PLANT WHICH SETTLES MORE THAN 2" AFTER PLANTING AND WATERING.
- FERTILIZER FOR WOODY PLANTS SHALL BE SLOW RELEASE, PELLETIZED AND SUITABLE FOR RELEASE UNDER SATURATED SOIL CONDITIONS. FERTILIZER SHALL BE OSMOCOTE 18-5-11, 12-14 MONTH RELEASE OR EQUAL.
- PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL ONLY.
- PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AS DETERMINED BY THE WETLAND BIOLOGIST. THIS IS TYPICALLY BETWEEN APRIL 15 - JUNE 15 AND SEPTEMBER 15 - NOVEMBER 15. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION. ALL PLANT MATERIAL SHALL BE SPRAYED WITH "MILT-PRUF" OR EQUAL AS PER MANUFACTURER'S INSTRUCTIONS.
- NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
- SET ALL PLANTS PLUMB AND STRAIGHT. LOCATE PLANT IN THE CENTER OF THE PIT.
- ALL DEADWOOD, SUCKERS, AND BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. CONTAINER GROWN PLANTS SHALL NOT BE THINNED.
- TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. TREES SHALL BE STAKED AS SHOWN ON THE DETAIL. THE LANDSCAPE CONTRACTOR SHALL REMOVE STAKING AND GUYING AT THE END OF THE ONE YEAR MAINTENANCE AND GUARANTEE PERIOD.
- NEW PLANTING AREAS SHALL BE ADEQUATELY IRRIGATED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND SEED AREAS.
- PRIOR TO THE ACCEPTANCE BY THE OWNER, THE PROPOSED LANDSCAPE AS SHOWN ON THE APPROVED WETLAND AND REPLACEMENT PLAN MUST BE INSTALLED, INSPECTED AND APPROVED BY THE CONSERVATION COMMISSION AND THE WETLAND BIOLOGIST. ANY PLANTING INSTALLED IN CONFLICT WITH THESE REQUIREMENTS MUST RECEIVE THE WRITTEN APPROVAL OF THE WETLAND BIOLOGIST AND THE CONSERVATION COMMISSION PRIOR TO PLANTING. FAILURE TO COMPLY WITH THESE REQUIREMENTS WILL REQUIRE THE REMOVAL OF THE PLANTING IN QUESTION. THIS REQUIREMENT DOES NOT APPLY TO SEEDING OR SODDING OR PLANTINGS SPECIFICALLY FOR SOIL STABILIZATION.
- ALL WETLAND RESOURCE REPLACEMENT AREAS SHOWN HEREON SHALL BE TREATED WITH 8" MINIMUM INCHES OF HIGH ORGANIC GRANULAR TOPSOIL AND SEEDING WITH A MANUFACTURED WETLAND SEED MIX APPLIED AT A RATE OF 1.0 LB./2,500 S.F. (N.E. WETLAND PLANTS, INC. WETMIX OR EQUAL).
- THE CONSERVATION COMMISSION AGENT AND THE WETLAND BIOLOGIST SHALL INSPECT AND APPROVE THE SUBGRADE EXCAVATION OF THE CONSTRUCTED WETLAND AREA PRIOR TO BACKFILLING WITH THE ORGANIC TOPSOIL FILL.
- THE CONSERVATION COMMISSION AGENT AND THE WETLAND BIOLOGIST SHALL INSPECT AND APPROVE THE ORGANIC TOPSOIL FILL PRIOR TO PLACEMENT WITHIN THE CONSTRUCTED WETLAND.
- ANY PORTION OF THE WETLAND REPLACEMENT WORK NOT MEETING THE APPROVED STANDARDS OR REQUIREMENTS OF THE TOWN CONSERVATION COMMISSION OR THE WETLAND BIOLOGIST SHALL BE PROMPTLY REMOVED FROM THE WORK AT NO COST/EXPENSE TO THE OWNER.
- THE HERBACEOUS COVER AND SHRUB LAYER VEGETATION WITHIN ANY TEMPORARY BVW IMPACT AREAS ARE TO REMAIN IN TACT TO THE EXTENT PRACTICABLE. ANY AREAS DISTURBED BY THE OPERATIONS SHALL BE RESTORED WITH THE ON-SITE WETLAND TOPSOIL AND SEEDING WITH A NEW ENGLAND WETLAND PLANTS WETMIX SEED MIX.
- ORGANIC GRANULAR SOIL: THE ORGANIC GRANULAR SOIL MATERIAL SHALL BE FREE FROM REFUSE, FOREIGN MATERIALS, ROOTS HARD DIRT, STIFF CLAY, COBBLES, MATERIALS DETERIOROUS TO PLANT GROWTH, OR OTHERS WHICH WILL PREVENT THE FORMULATION OF A UNIFORM MIXTURE WHEN BLENDED WITH PULVERIZED, WELL COMPOSTED LEAF MULCH OR ROTTED MANURE. THE PH OF THE BLENDED MATERIAL SHALL NOT BE LESS THAN 6.0 AND NOT GREATER THAN 7.0.

SIEVE SIZE	PERCENTAGE PASSING BY WEIGHT
NO. 10	100%
NO. 40	85-100%
NO. 60	40-100%
NO. 200	5-10%

B) THE ORGANIC PORTION SHALL CONSTITUTE 15-20% OF THE MIXTURE, AND BE COMPRISED OF WELL PULVERIZED AND COMPOSTED LEAF MULCH OR ROTTED MANURE.



1.) PREPARED TOPSOIL MIX SHALL CONSIST OF HIGH ORGANIC SOIL WITH NO LESS THAN 10% ORGANIC MATTER.
2.) ALL PLANTS SHALL BE FLOODED WITH WATER TWICE WITHIN THE FIRST TWENTY-FOUR HOUR PERIOD AFTER PLANTING.

SHRUB PLANTING DETAIL
NOT TO SCALE
SCALE: 1 INCH = 20 FEET

FIELD ENGINEERING CO., INC.
CONSULTING ENGINEERS
110 INDUSTRIAL DRIVE
P.O. BOX 1178
MATTAPOISETT, MA 02739
TEL: (508) 758-2749
FAX: (508) 758-2849

No.	Description	Date	App'd.
		12/12/2022	

Scale 1"=20'

Drawn By RMS Designed By KJM Checked By RMF

Issued For

PERMITTING

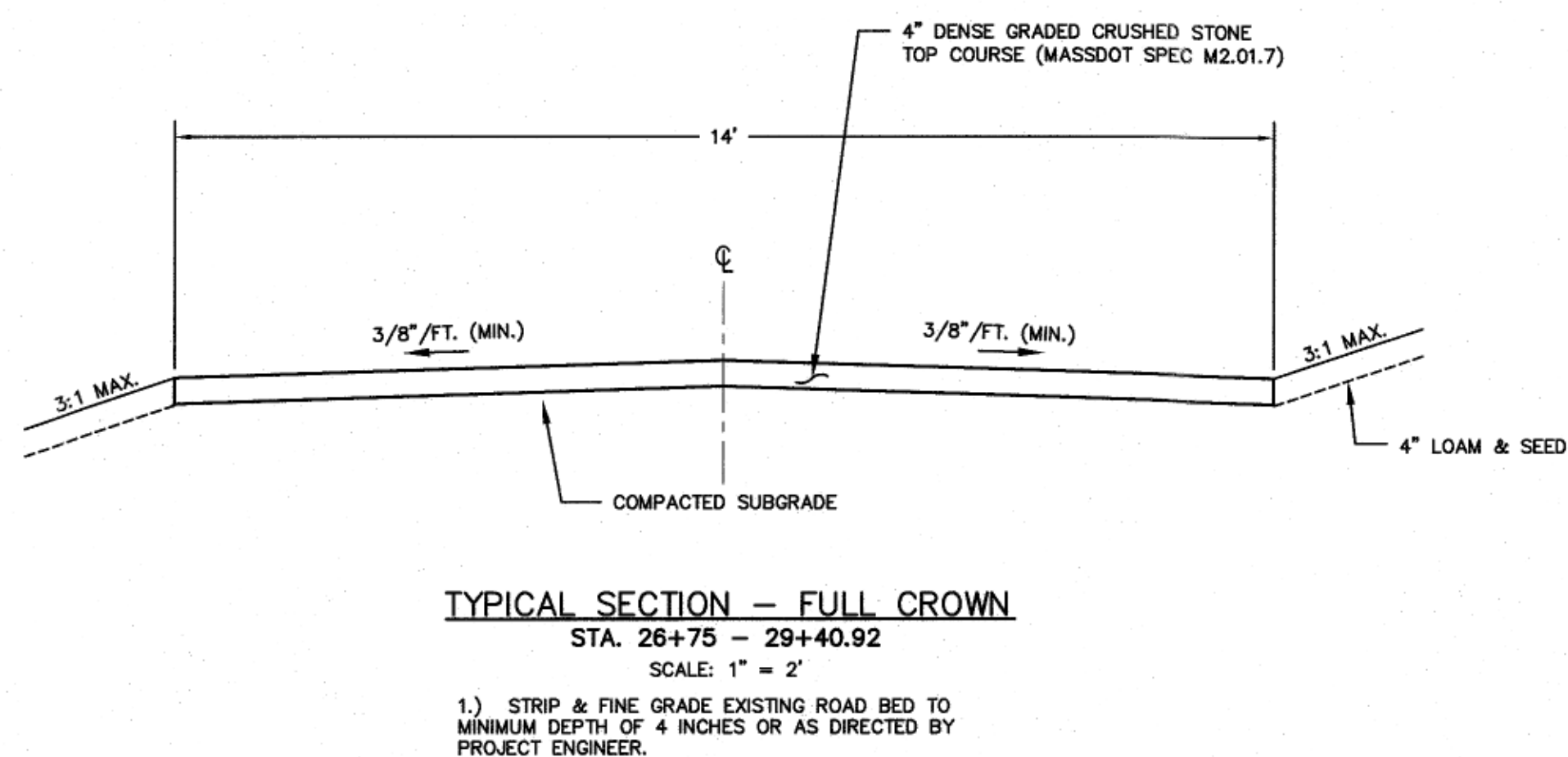
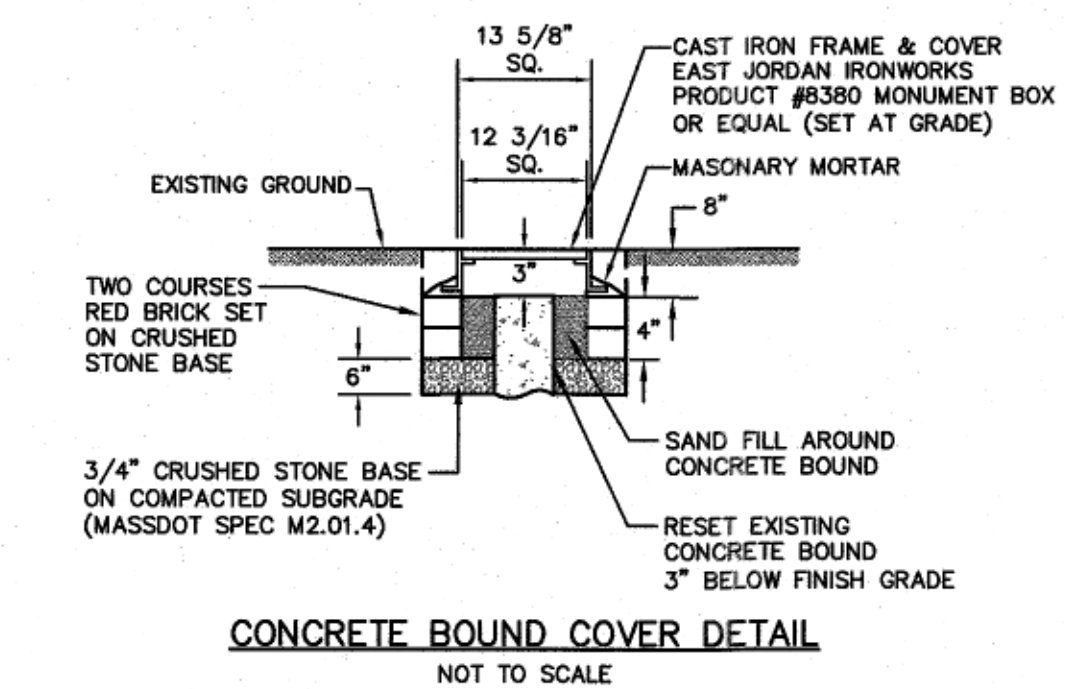
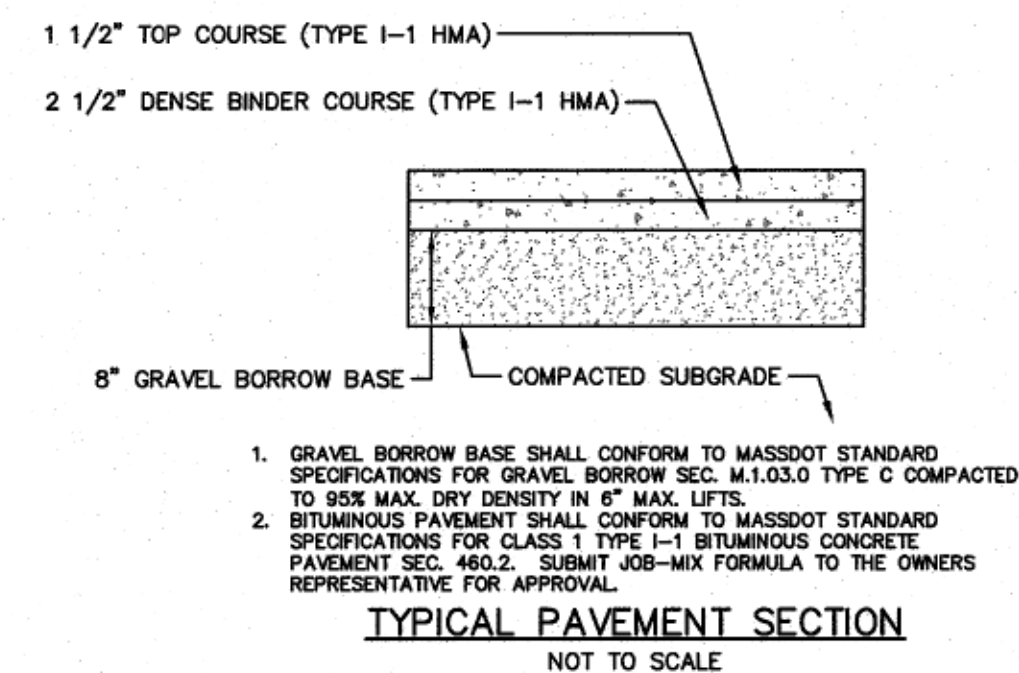
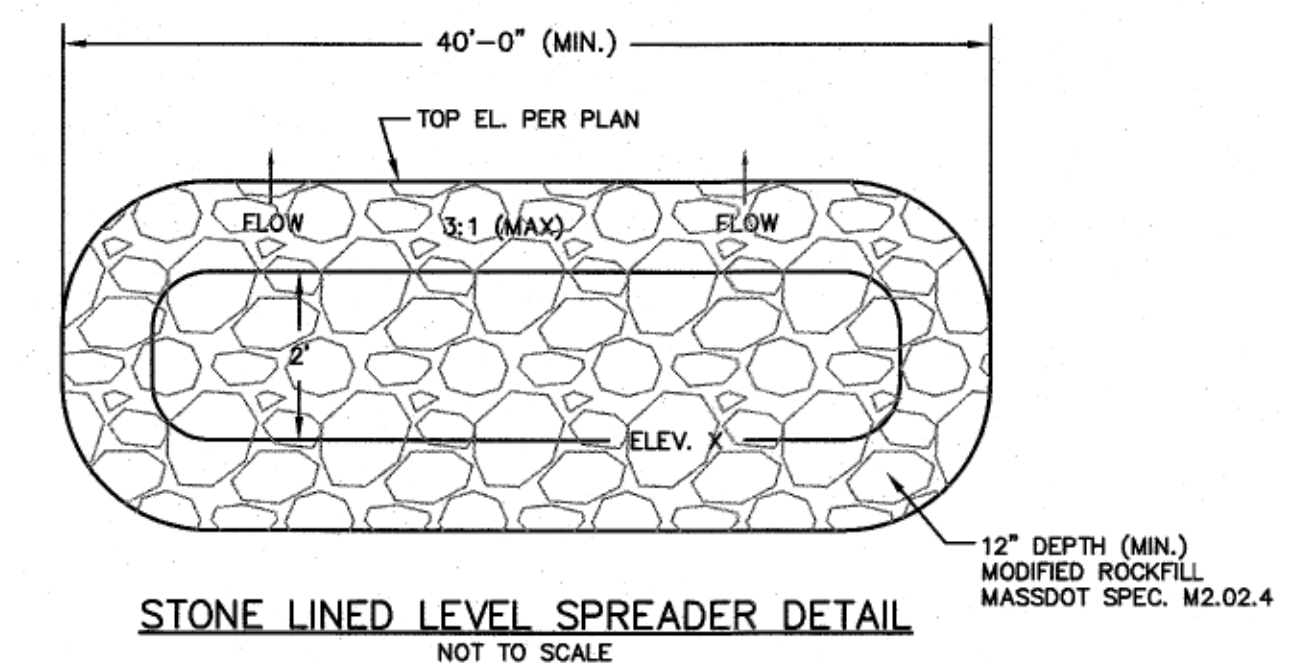
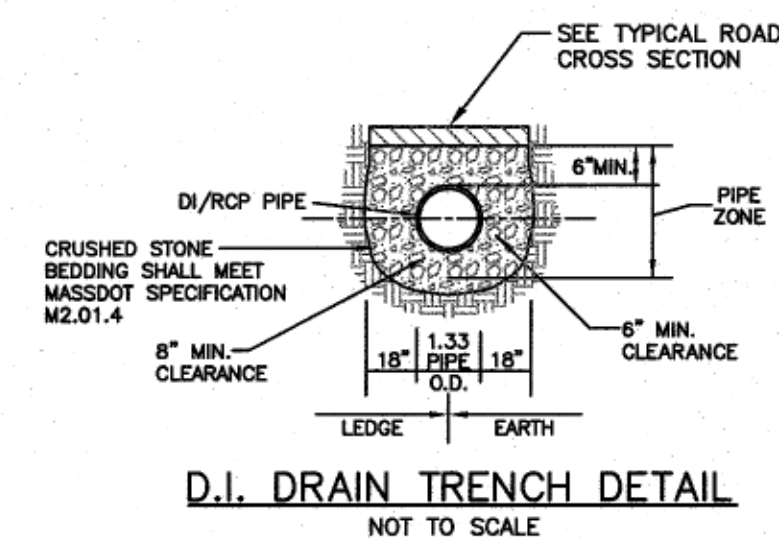
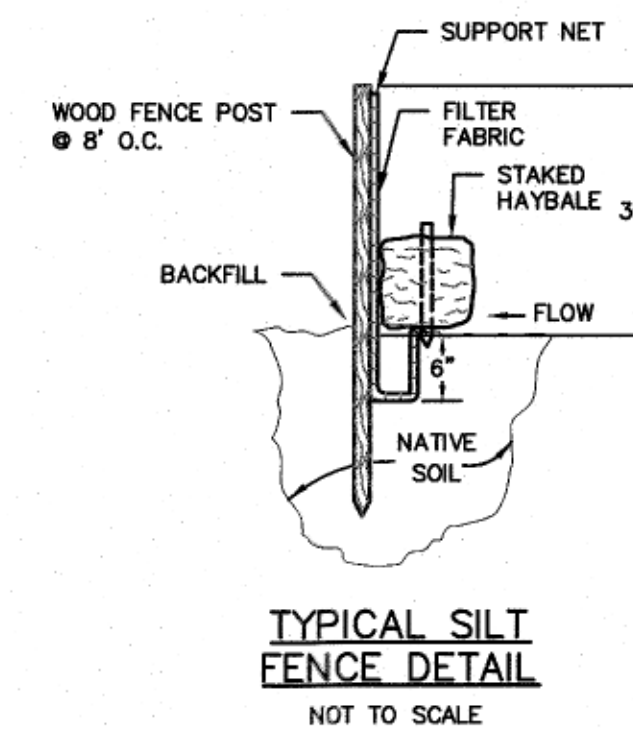
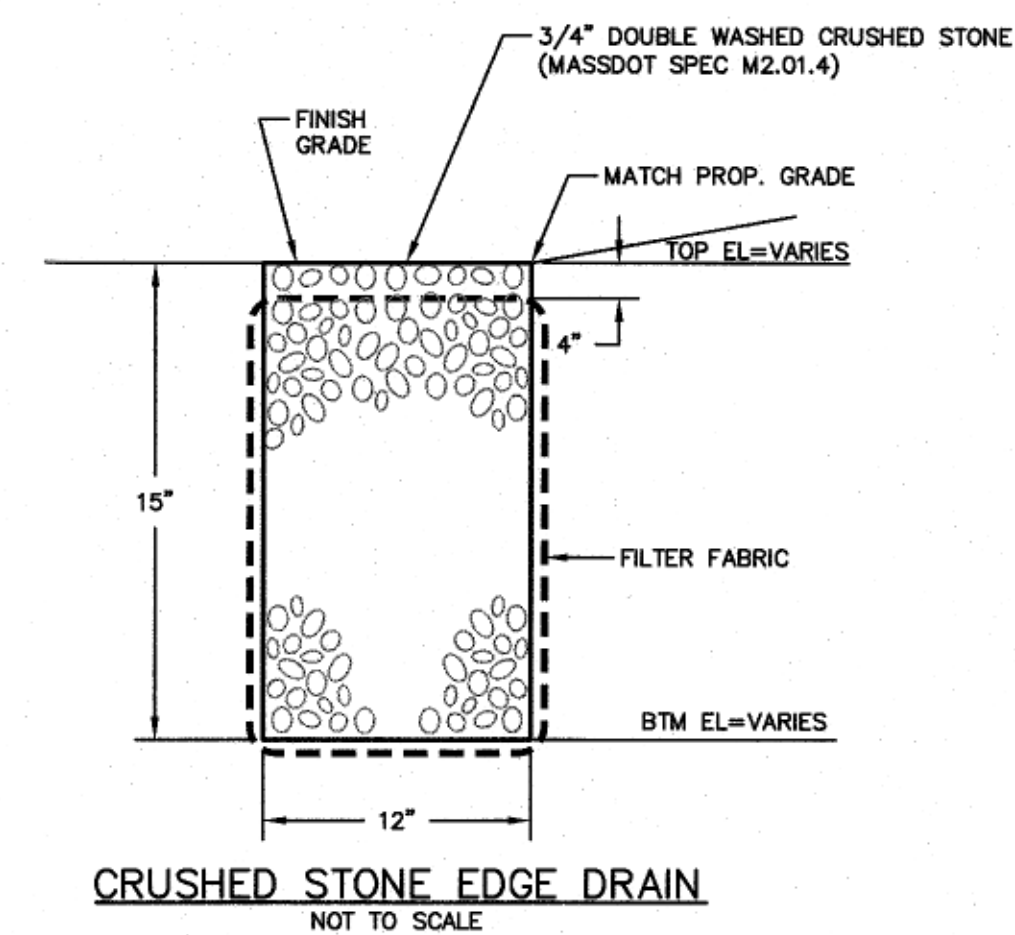
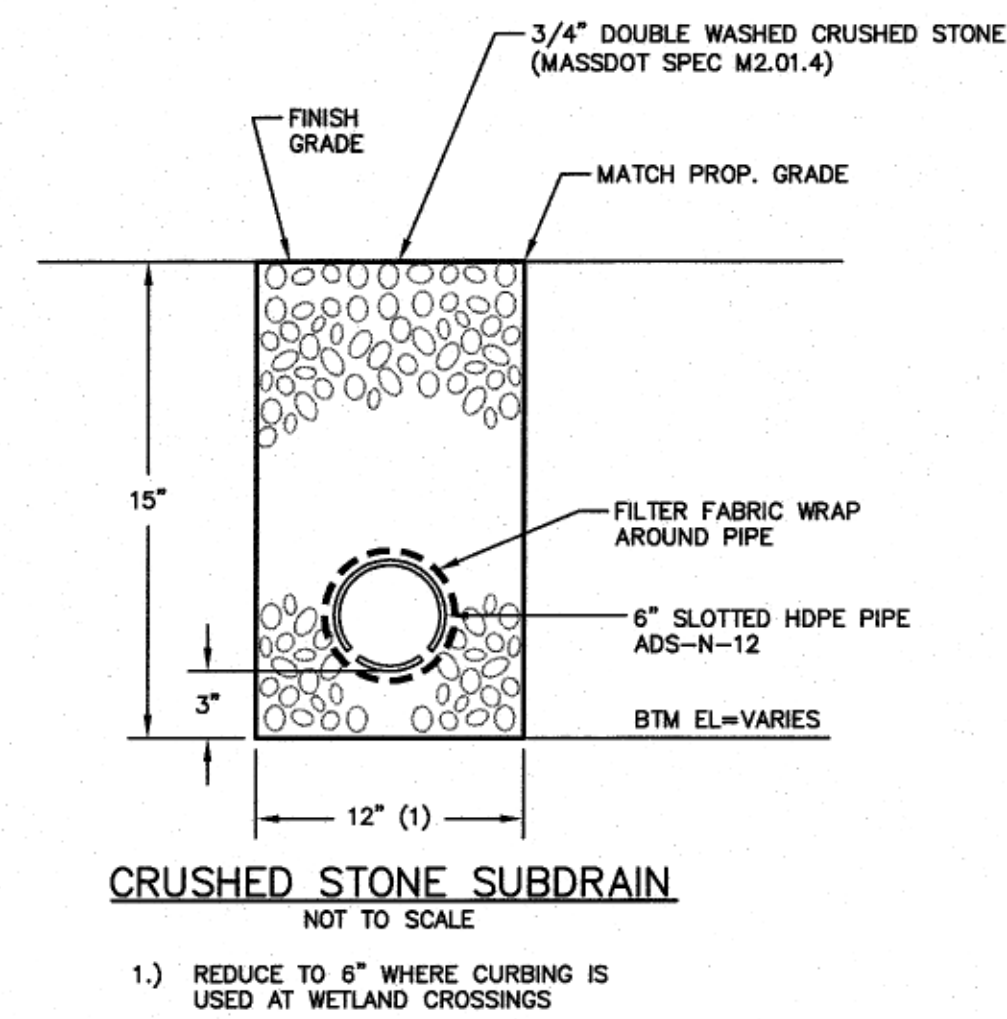
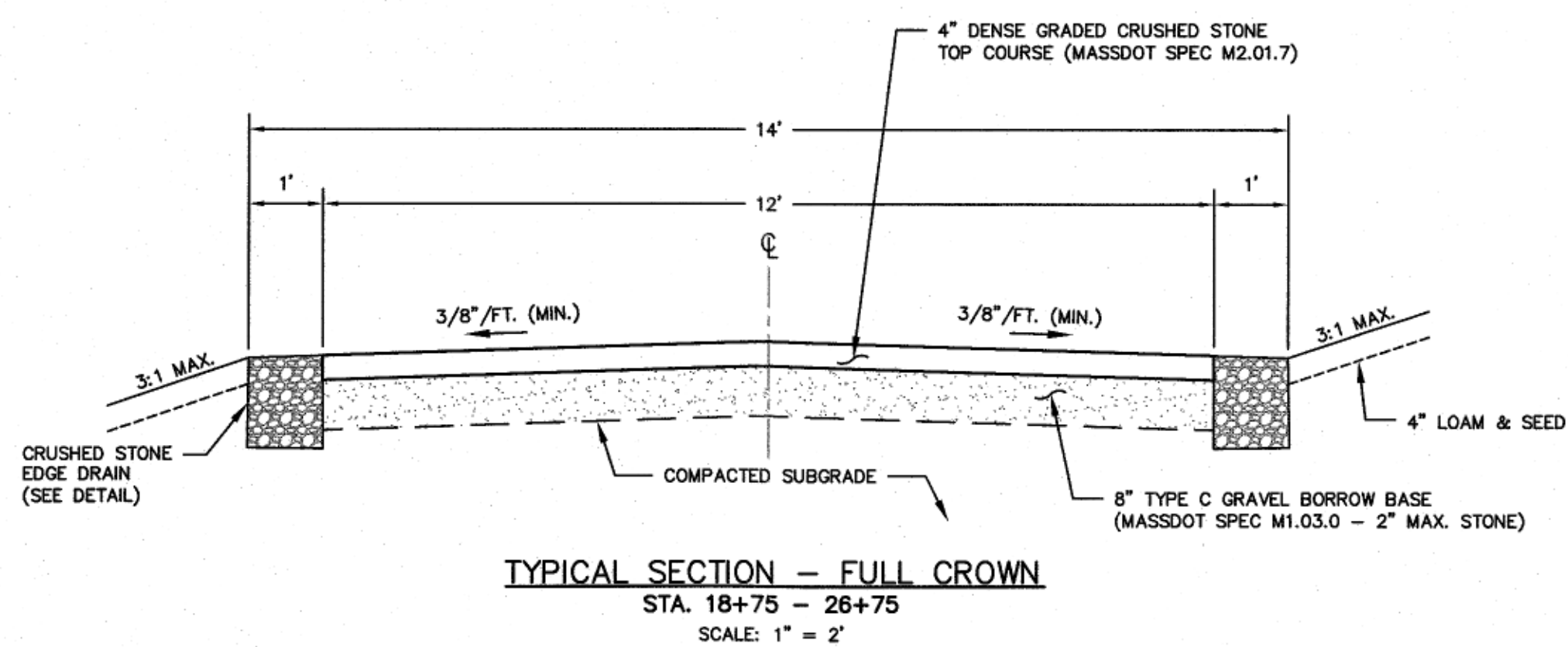
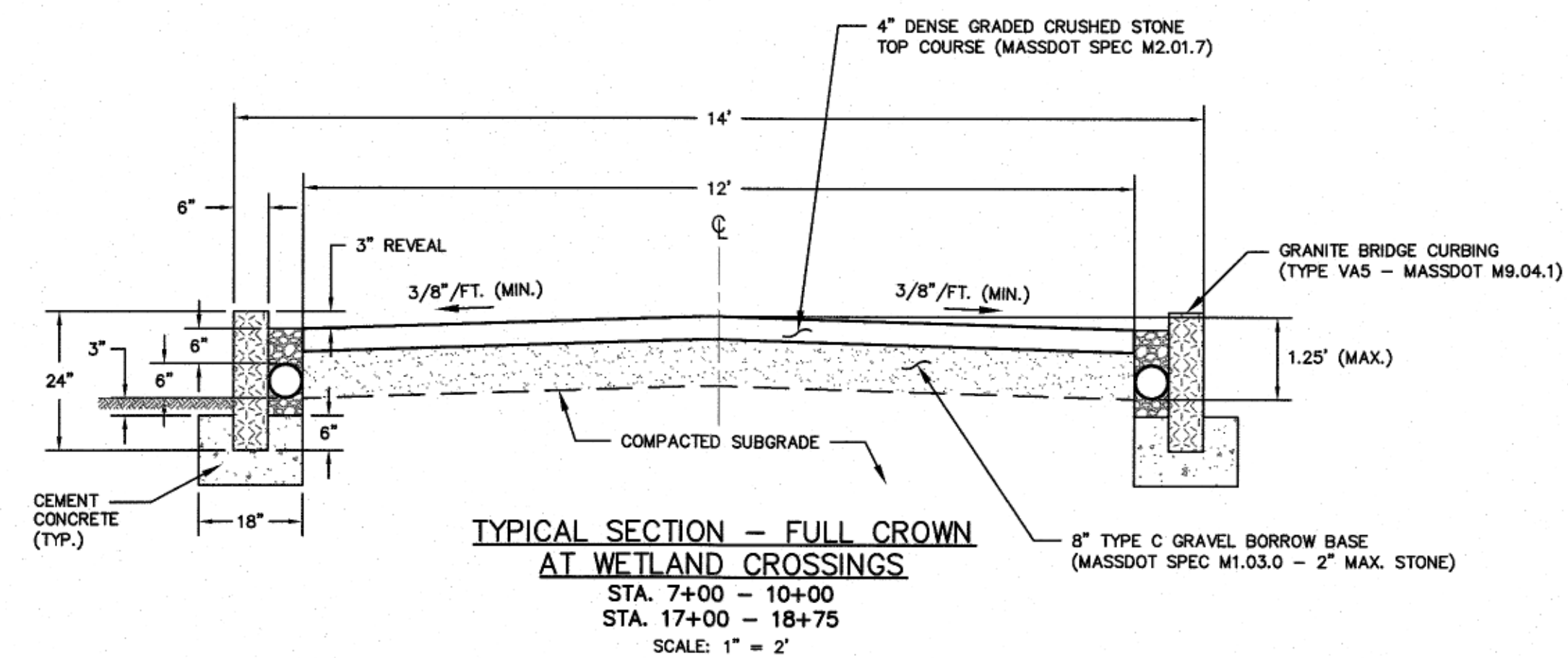
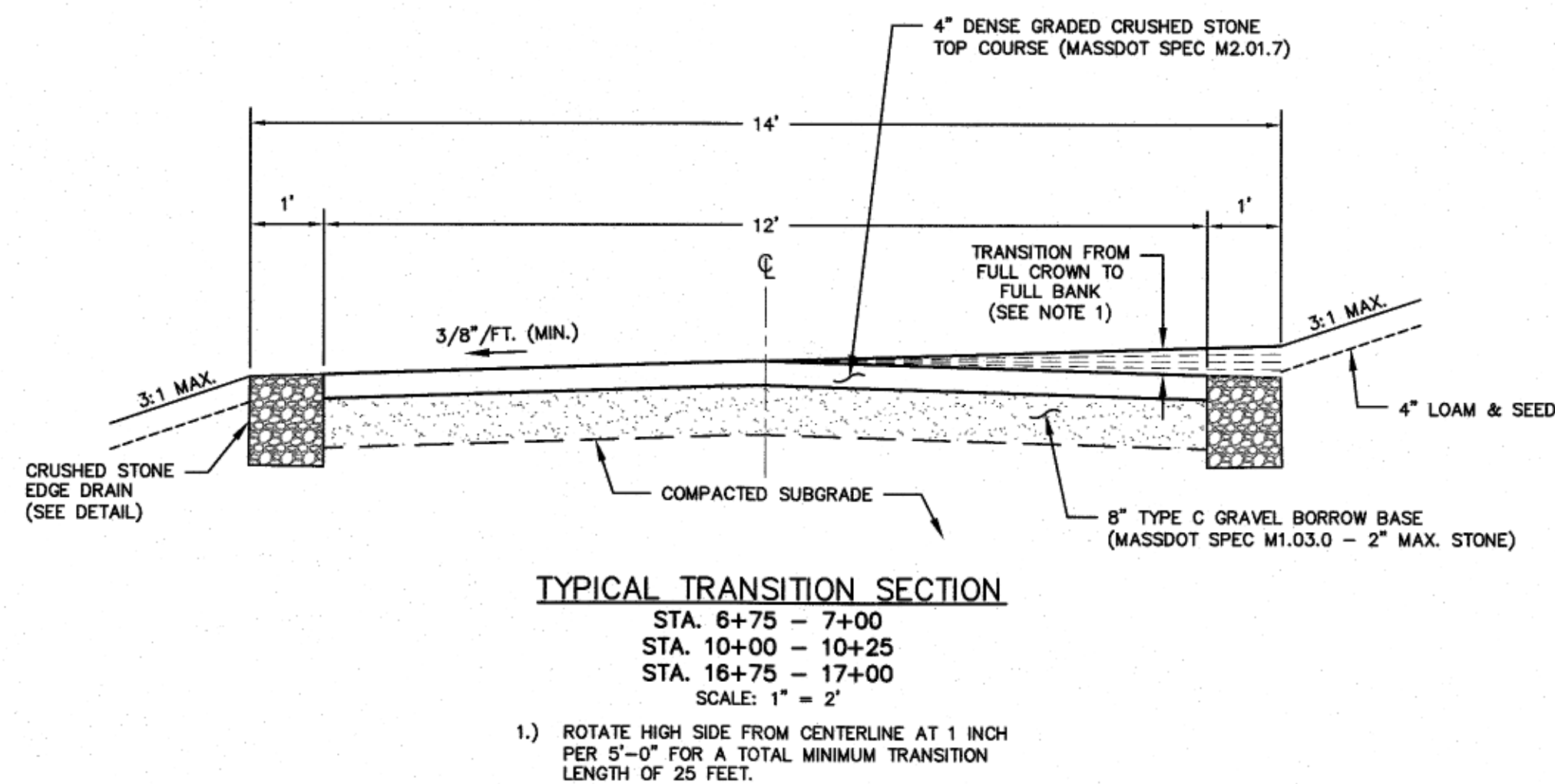
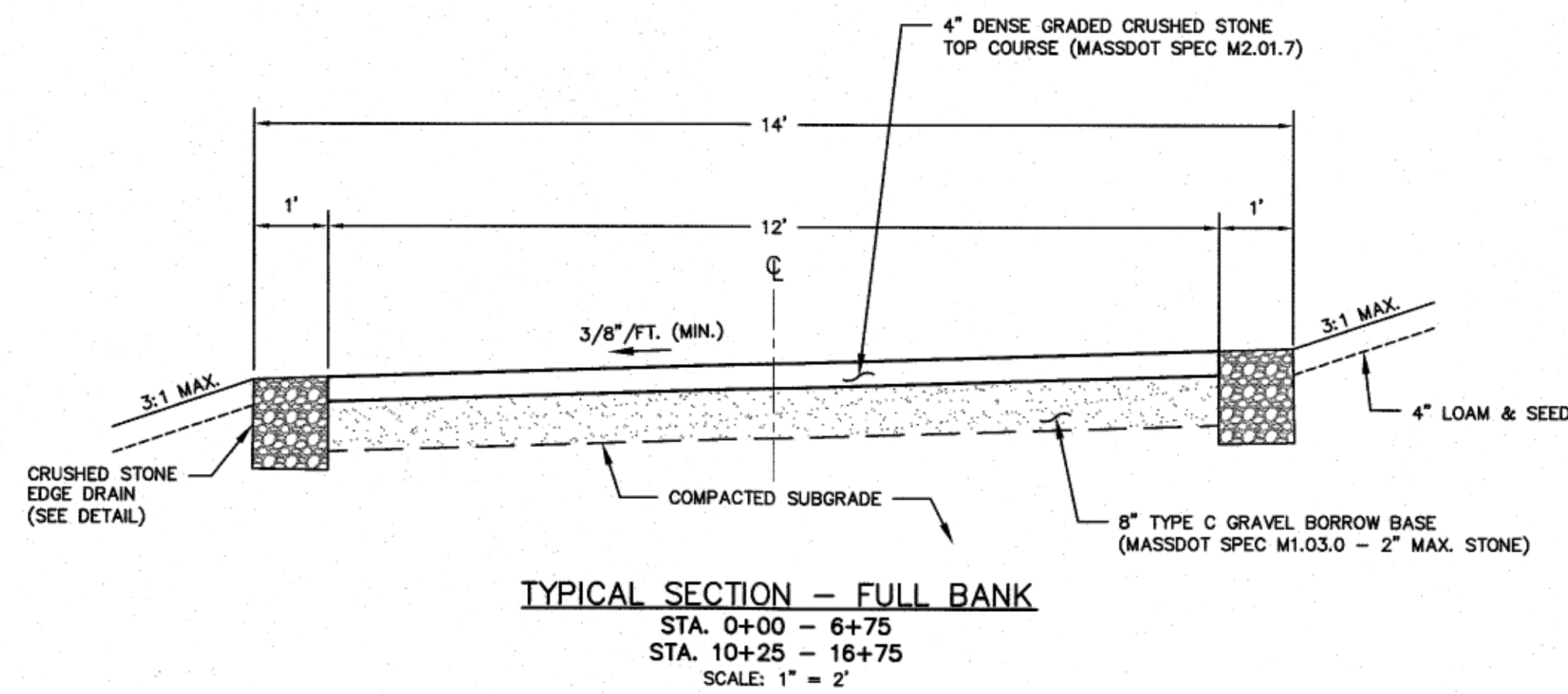


TOWN OF MATTAPOISETT
SELECT BOARD
OLD SLOUGH ROAD RECONSTRUCTION
MATTAPOISETT, MASSACHUSETTS

Drawing Title
WETLAND REPLACEMENT PLAN

Project No. 2496 Sheet 13 OF 14

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[illegible]

No.	Description	Date	Appvd.
Date		12/12/2022	

Scale	AS NOTED
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Drawn By RMS	Designed By KJM	Checked By RMF
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TOWN OF MATTAPOISETT
SELECT BOARD

Drawing Title

DETAIL
SHEET

Project No. 2496	Sheet 14 OF 14
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