

Waterfront Improvements

Shoreline Resources, LLC

26 North Front Street
New Bedford, Massachusetts

OWNER/APPLICANT:
SHORELINE RESOURCES, LLC
137 POPE'S ISLAND
NEW BEDFORD, MA 02740

WATERFRONT ENGINEER:

Foth
FOTH INFRASTRUCTURE
& ENVIRONMENT, LLC
15 CREEK ROAD
MARION, MA 02738

RAIL ENGINEER:
NEW ENGLAND RAILWAY CONSORTIUM
96 SPRING STREET
WINDSOR LOCKS, CT 06096

CIVIL ENGINEER:

PARE
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
8 BLACKSTONE VALLEY PLACE
LINCOLN, RI 02865
401-334-4100



SCALE: N.T.S.

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CONSERVATION COMMISSION NOTICE OF INTENT SUBMISSION
MARCH 25, 2021

REFERENCE

- PROJECT LOCATION: SHORELINE RESOURCES, LLC, 26 NORTH FRONT STREET, NEW BEDFORD, MA 02746. ASSESSOR'S MAP 79, LOT 2.
- EXISTING CONDITIONS MAPPING TAKEN FROM AERIAL AND GPS SURVEY PERFORMED BY CIVILVIEW, INC. EXISTING CONDITIONS MAPPING IS NOT PREPARED BY A PROFESSIONAL LAND SURVEY NOR REPRESENT A CLASS 1 PROPERTY LINE SURVEY OR CLASS 3 TOPOGRAPHIC SURVEY.
- LIMITED EXISTING CONDITIONS INFORMATION OBTAINED BY PARE CORPORATION DURING FIELD VISIT ON JANUARY 12, 2021.
- HORIZONTAL DATUM IS BASED UPON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83), MAINLAND ZONE PER GPS OBSERVATIONS.
- ELEVATIONS ARE PROVIDED BY CIVILVIEW, INC. AND BASED UPON THE NORTH AMERICAN VERTICAL DATUM (NAV88).
- ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) FOR BRISTOL COUNTY, MASSACHUSETTS, PANEL 393 OF 550, MAP NO. 25005C0393G, THE SUBJECT PROPERTY IS LOCATED WITHIN THE 100-YEAR FLOODPLAIN, ZONE AE, WITH A DETERMINED ELEVATION OF 6 FEET BASED UPON THE NORTH AMERICAN VERTICAL DATUM (NAV88).
- PROPERTY LINES SHOWN ARE APPROXIMATE ONLY, BASED UPON AVAILABLE GIS INFORMATION.

GENERAL NOTES

- THE COMMONWEALTH OF MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE CONSTRUCTION, 1980 EDITION OR LATEST REVISION, AND THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION CONSTRUCTION STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. ALL WORK SHALL MEET OR EXCEED THE MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, WITH LATEST REVISIONS. THE LATEST REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS IN ACCORDANCE WITH OSHA FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEERS APPROVAL.
- IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND COORDINATE ANY DEVIATIONS WITH THE ENGINEER AND OWNER.
- ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
- ALL SIGNS SHALL BE REFLECTORIZED TYPE III SHEETING AND CONFORM WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST REVISION.
- ALL UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ALL DAMAGE TO EXISTING UTILITIES OR STRUCTURES, AND THE COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS, AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- NO EXCAVATION SHALL BE DONE UNTIL COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.

LAYOUT NOTES

- ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- ACCESSIBLE RAMPS SHALL BE PER THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PERFORM BENCHMARK FIELD LEVEL VERIFICATION AND COORDINATE LAYOUT CHECK. THE CONTRACTOR SHALL CONTACT PARE CORPORATION IF ANY DISCREPANCIES ARE FOUND.
- DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB.
- ALIGN WALKWAYS ON DOORWAYS THEY SERVE TO PROVIDE MINIMUM REQUIRED MANEUVERING CLEARANCE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.

DEMOLITION NOTES

- THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, GRADING, UTILITY, AND LANDSCAPING DRAWINGS.
- ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. THE CONTRACTOR SHALL COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, OWNER AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
- WATER, SEWER, DRAINAGE, GAS, AND OTHER SITE UTILITIES SERVICING THE EXISTING FACILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION.
- THERE SHALL BE NO INTERRUPTION OF UTILITY SERVICES DURING THE CONSTRUCTION OPERATION WITHOUT APPROVAL OF THE OWNER.

GRADING AND UTILITY NOTES

- UNDERGROUND UTILITIES DEPICTED WERE COMPILED FROM AVAILABLE RECORD PLANS AND SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES DEPICTED OR NOT DEPICTED ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS TO REPAIR SUCH DAMAGES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
- ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.
- AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
- ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION SHALL BE PROVIDED ON A SKETCH TO SCALE OF THE EXISTING UTILITY WITH TIES TO KNOWN POINTS, PHOTOS AND FURNISHED TO THE ENGINEER FOR RESOLUTION.
- THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS SHALL BE RESTORED TO ORIGINAL CONDITION.
- GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- ALL GRAVITY SANITARY PIPING SHALL BE SDR-35 PVC. ALL SEWER CONSTRUCTION SHALL CONFORM TO THE CITY OF NEW BEDFORD SEWER REGULATIONS.
- ALL WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE CITY OF NEW BEDFORD WATER SPECIFICATIONS AND SHALL BE INSPECTED BEFORE, DURING, AND AFTER CONSTRUCTION PRIOR TO TAPPING THE SERVICE MAIN.
- EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.
- THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5% AS SHOWN ON CONSTRUCTION DETAILS AND GRADING PLAN.

EROSION AND SEDIMENTATION CONTROL NOTES – MASSACHUSETTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP) AND THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT AN ELECTRONIC NOTICE OF INTENT (eNOI) WITH THE EPA IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS PRIOR TO CONSTRUCTION.
- SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS" AND THE NOTES AND DETAILS SHOWN IN THIS PLAN SET.
- THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- REQUIRED PERIMETER CONTROL SHALL BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
- AS FEASIBLE, CONSTRUCTION SHALL BE PHASED TO LIMIT THE AREA OF EXPOSED SOIL AND THE DURATION OF EXPOSURE. ALL DISTURBED AREAS SHALL BE TEMPORARILY AND/OR PERMANENTLY STABILIZED WITHIN 14 DAYS FOLLOWING COMPLETION OF GRADING ACTIVITIES.
- THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT THE EROSION CONTROL BARRIERS ARE INTACT.
- CLEAN AND MAINTAIN SEDIMENTATION CONTROL BARRIERS WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE BARRIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIER SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
- SOIL AND OTHER MATERIALS RESULTING FROM SITE CLEARING MAY BE RECYCLED AND/OR REUSED ON THE SITE AS APPROPRIATE. WASTE MATERIALS SHALL BE REMOVED FROM THE SITE.
- CRUSHED STONE CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED AT ALL POINTS OF INGRESS AND EGRESS.
- TEMPORARY DIVERSIONS (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIP PILES, COIR LOGS, OR SIMILAR MATERIALS.
- TEMPORARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TS) SHALL BE SIZED BY THE CONTRACTOR USING THE PARAMETERS CONTAINED IN THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.
- DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- CATCH BASINS AND STORM DRAINS SHALL BE PROTECTED WITH HAY BALES OR SEDIMENT BAGS IN PAVED AREAS UNTIL CONTRIBUTING AREA IS PERMANENTLY STABILIZED.
- DEWATERING WASTEWATER PUMPED FROM EXCAVATIONS SHALL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED INTO A DEWATERING BASIN, HAY BALE CORRALS, OR SEDIMENTATION BAGS.
- CONSTRUCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
- RIPRAP OR OTHER ENERGY DISSIPATERS SHALL BE USED WHERE NECESSARY TO CONTROL EROSION.
- ANY EQUIPMENT THAT IS NOT READILY MOBILE (TRACK MACHINERY) SHALL BE PARKED WITHIN THE PROJECT LIMIT OF DISTURBANCE. LARGE AND/OR BULKY MATERIALS SHALL BE STORED SUCH THAT THEY DO NOT INTERFERE WITH THE ONGOING CONSTRUCTION ACTIVITIES OR EROSION CONTROL MEASURES.
- NEWLY VEGETATED AREAS SHALL BE REGULARLY INSPECTED AND MAINTAINED TO ENSURE THE ESTABLISHMENT OF STABLE VEGETATED SURFACES.
- THE CONTRACTOR SHALL NOT REMOVE ANY COMPOST FILTER SOCKS OR OTHER EROSION CONTROLS UNTIL THE CONTRIBUTING AREA IS PERMANENTLY STABILIZED.
- ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF THE FINAL PROJECT. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT FLOODING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
- INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.
- REFER TO PLANS PREPARED BY WATERFRONT ENGINEER FOR ADDITIONAL EROSION AND SEDIMENT CONTROLS.

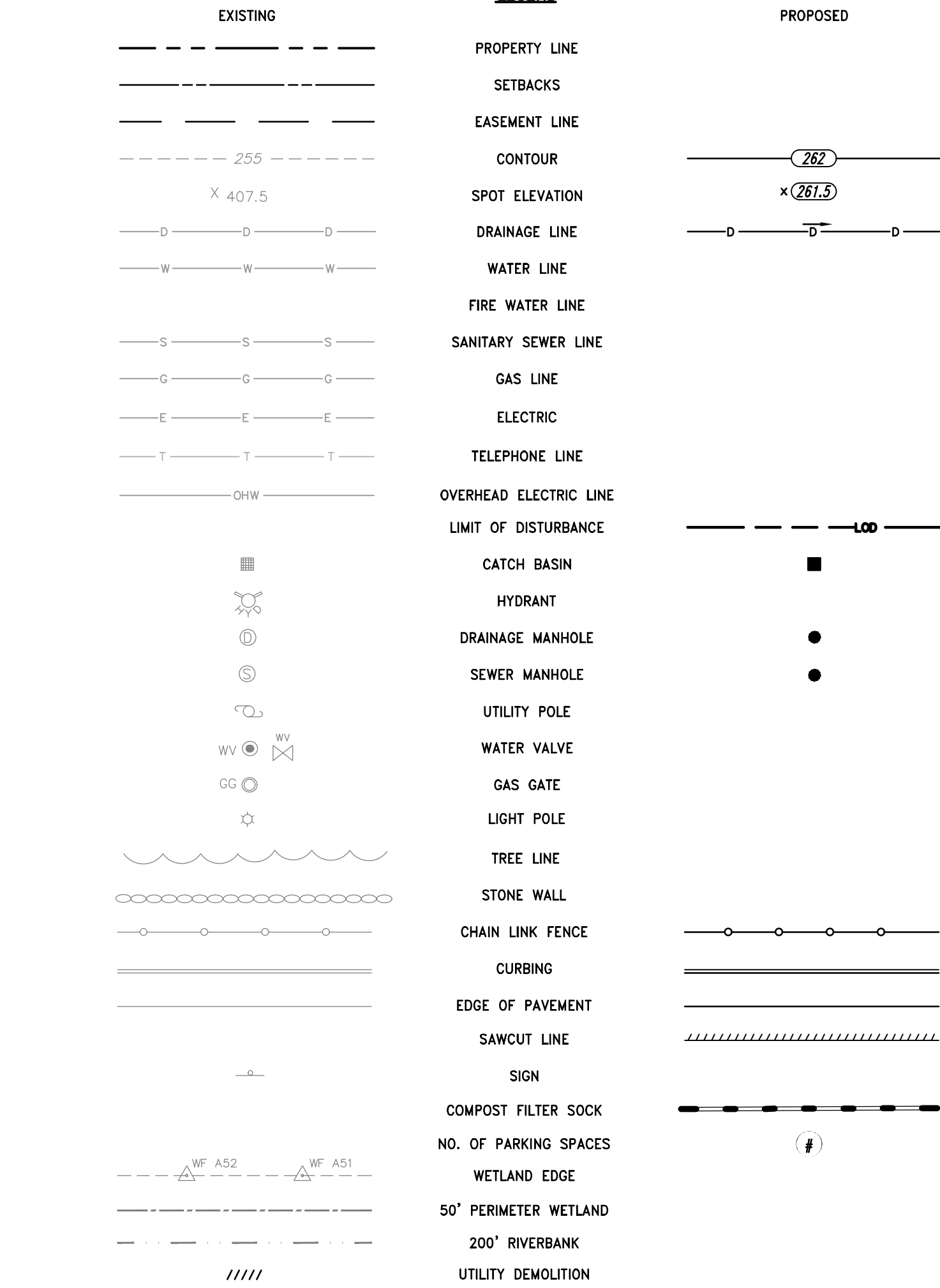
STORMWATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES

DURING CONSTRUCTION (CONTRACTOR'S RESPONSIBILITY)

- THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM ALL CATCH BASINS, MANHOLES, AND THE DRAINAGE SYSTEM ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION, AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
- THE CLOSED DRAINAGE SYSTEM AND ASSOCIATED STRUCTURES SHALL BE CLEANED AND FLUSHED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM UNTIL ACCEPTANCE OF THE SYSTEM BY THE ENGINEER AND THE CITY OF NEW BEDFORD. FOLLOWING ACCEPTANCE OF THE PROPOSED DRAINAGE SYSTEM, THE OWNER OF THE SITE SHALL BE RESPONSIBLE FOR THE LONG-TERM INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM.
- ANY ACCUMULATION OF PONDING WATER IN AREAS WITHIN THE LIMITS OF DISTURBANCE, OTHER THAN DESIGNATED AREAS, SHALL BE REMOVED ACCORDINGLY AND PREVENTED IN THE FUTURE.

POST CONSTRUCTION (OWNER'S RESPONSIBILITY)

- TRASH, LITTER, SEDIMENT AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER MANAGEMENT SYSTEM FACILITY (INCLUDING BUT NOT LIMITED TO CATCH BASINS, MANHOLES, INLET, OUTLET AND DIVERSION STRUCTURES, AND STORMWATER BEST MANAGEMENT PRACTICES (BMPs)) A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN THE SPRING AND FALL.
- THE PARKING LOT AND ENTRY DRIVE SHALL BE SWEEP BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING AND ONCE IN THE FALL TO REMOVE SEDIMENTS.
- ALL CLEANING AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEMS POST-CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE OWNER.



LEGEND:

- ATC = ADJUST TO GRADE
- CE = CONSTRUCTION ENTRANCE
- CFS = COMPOST FILTER SOCK (SEE DETAIL)
- CG = CLEAR AND GRUB VEGETATION
- CLF = CHAIN LINK FENCE
- CM = SAWCUT AND MATCH
- CS = CRUSHED STONE SURFACE (SEE DETAIL)
- CTE = CONNECT TO EXISTING
- DAC = REMOVE AND DISPOSE ASPHALT CURB
- DCP = REMOVE AND DISPOSE CONCRETE PAD
- DD = REMOVE AND DISPOSE DRAINAGE
- DFP = REMOVE AND DISPOSE FLEXIBLE PAVEMENT
- DRW = REMOVE AND DISPOSE RETAINING WALL
- HMA = HOT MIXED ASPHALT PAVEMENT (SEE DETAIL)
- LS = LOAM AND SEED
- RTRD = REFER TO RAIL DRAWINGS
- RTWD = REFER TO WATERFRONT DRAWINGS
- R&D = REMOVE AND DISPOSE
- TIP = TEMPORARY INLET PROTECTION

ABBREVIATIONS

- ADA = AMERICANS WITH DISABILITIES ACT
- ASSF = AREA SUBJECT TO STORM FLOWAGE
- BM = BENCHMARK
- BMP = BEST MANAGEMENT PRACTICE
- BIT. = BITUMINOUS
- BOT. = BOTTOM
- CI = CAST IRON
- CB = CATCH BASIN, 4' DIA. UNLESS OTHERWISE NOTED
- CL = CLASS
- CMR = CODE OF MASSACHUSETTS REGULATIONS
- CONC. = CONCRETE
- DEMO = DEMOLITION
- DIA = DIAMETER
- DIP = DUCTILE IRON PIPE
- DMH = DRAIN MANHOLE
- EOP = EDGE OF PAVEMENT
- ELEV. = ELEVATION
- EX. EXIST. = EXISTING
- FFE = FINISH FLOOR ELEVATION
- FT = FOOT
- GTD = GRADE TO DRAIN
- HDPE = HIGH DENSITY POLYETHYLENE PIPE
- HYD = HYDRANT
- I.D. = INNER DIAMETER
- INV. = INVERT
- LOD = LIMIT OF DISTURBANCE
- LP = LOW POINT
- MUTCD = MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
- MAX. = MAXIMUM
- MIN. = MINIMUM
- NTS. = NOT TO SCALE
- OWS = OIL WATER SEPARATOR
- PERF. = PERFORATED
- PE = POLYETHYLENE
- PVC = POLYVINYL CHLORIDE
- R=X' = RADIUS
- RCP = REINFORCED CONCRETE PIPE
- MASSDEP = MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION
- MASSDOT = MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
- M.A. STD. = MASSACHUSETTS STANDARD
- SMH = SEWER MANHOLE
- SESD = SOIL EROSION AND SEDIMENT CONTROL
- TP = TEST PIT
- TYP. = TYPICAL
- UP = UTILITY POLE
- VC = VITRIFIED CLAY
- w/ = WITH



OWNER/APPLICANT:
SHORELINE RESOURCES, LLC
137 POPE'S ISLAND
NEW BEDFORD, MA 02740

SCALE ADJUSTMENT GUIDE
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Waterfront Improvements
Shoreline Resources, LLC
26 North Front Street
New Bedford, Massachusetts



REVISIONS:

NO.	DESCRIPTION	DATE

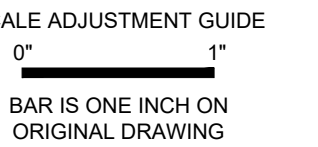
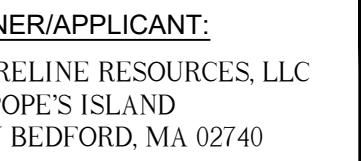
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DATE: MARCH 2021
SCALE: NOT TO SCALE
DESIGNED BY: KM
CHECKED BY: MA/VH
DRAWN BY: AWB/AK/JACT
APPROVED BY: DLP
DRAWING TITLE:

NOTES & LEGEND

DRAWING NO.:

SHEET NO. OF

NOT FOR CONSTRUCTION

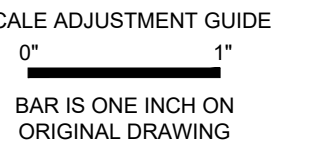


**Waterfront Improvements
Shoreline Resources, LLC**
26 North Front Street
New Bedford, Massachusetts

[illegible]DEMOLITION, EROSION
& SEDIMENT CONTROL
PLAN

C2.1





**Waterfront Improvements
Shoreline Resources, LLC**
26 North Front Street
New Bedford, Massachusetts

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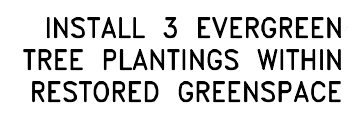
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CHECKED BY:	MA/VH
DRAWN BY:	AWB/AKL/ACT
APPROVED BY:	DLP
DRAWING TITLE:	

GENERAL PLAN

DRAWING NO.:

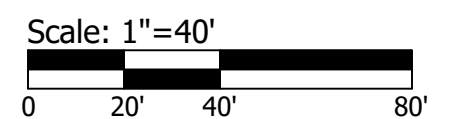
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SHEET NO. _____ OF _____

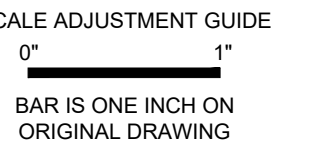


1. **PRIOR TO COMMENCING WORK**, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT THE PROPOSED SITE IMPROVEMENTS.

2. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL LAYOUT AND GENERAL NOTES.



NOT FOR CONSTRUCTION



**Waterfront Improvements
Shoreline Resources, LLC**
26 North Front Street

New Bedford, Massachusetts

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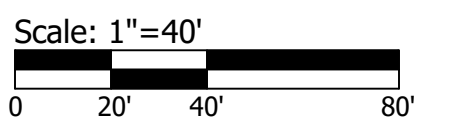
PROJECT NO.:	20109.00
DATE:	MARCH 2021
SCALE:	1"=40'
DESIGNED BY:	KM
CHECKED BY:	MA/VH
DRAWN BY:	AWB/AKL/ACT
APPROVED BY:	DLP
DRAWING TITLE:	

GRADING, DRAINAGE & UTILITY PLAN

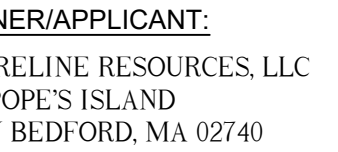
DRAWING NO.:

C4.1

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SCALE ADJUSTMENT GUIDE

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REVISIONS:

[illegible]

PROJECT NO.:	20109.00
DATE:	MARCH 2021
SCALE:	NOT TO SCALE
DESIGNED BY:	KM
CHECKED BY:	MA/VH
DRAWN BY:	AWB/AKL/ACT
APPROVED BY:	DLP
DRAWING TITLE:	

DETAILS 1

DRAWING NO.:

C5.1

SHEET NO. _____ OF _____



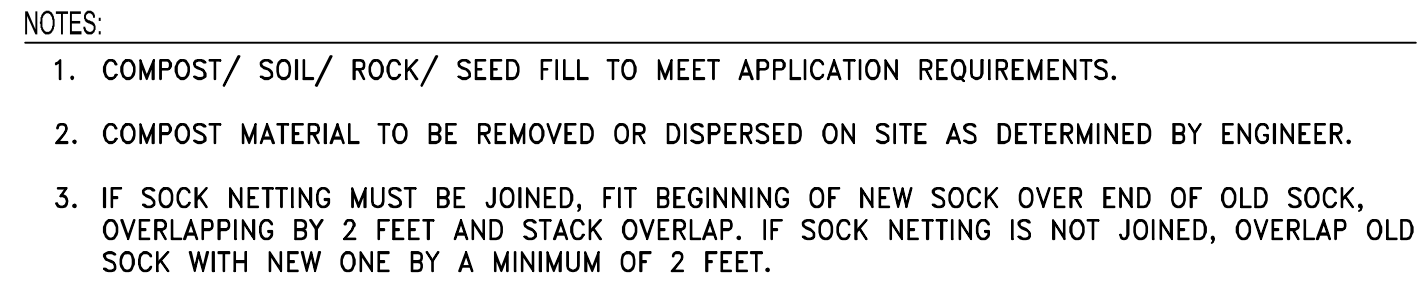
MAINTENANCE

THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAYS THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, OR ADDITIONAL LENGTH, AS CONDITIONS DEMAND, AND REPAIR, AND / OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

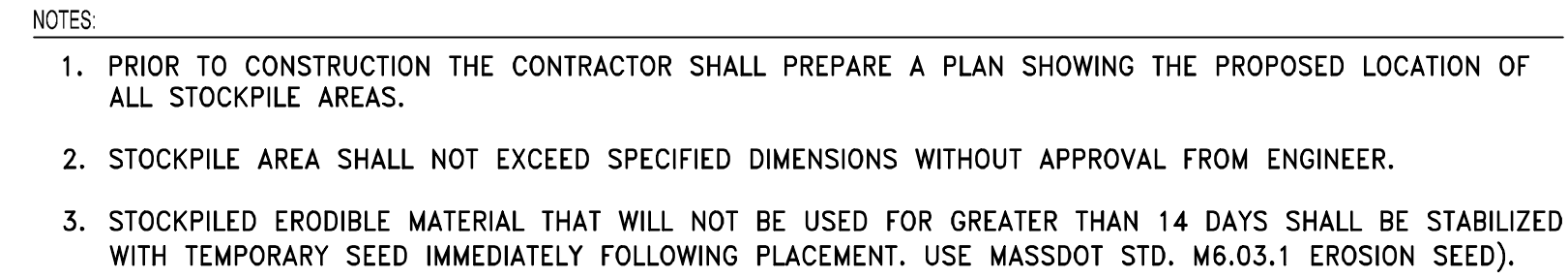
LOCATION

SEE PROJECT PLANS FOR LOCATION OF CONSTRUCTION EXIT.

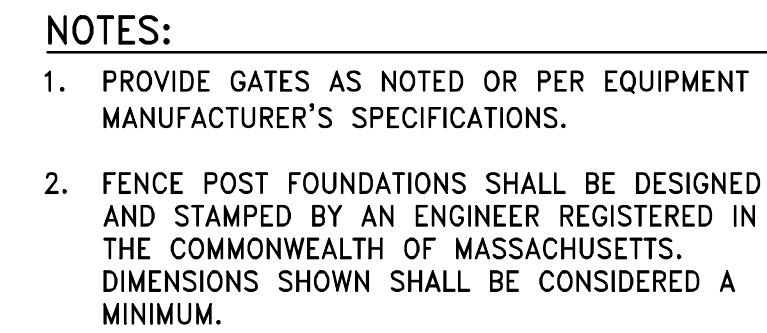
CE CONSTRUCTION EXIT PROTECTION STONE
STABILIZATION PAD
NOT TO SCALE



CFS **COMPOST FILTER SOCK WITH**
SILT FENCE DETAIL
NOT TO SCALE

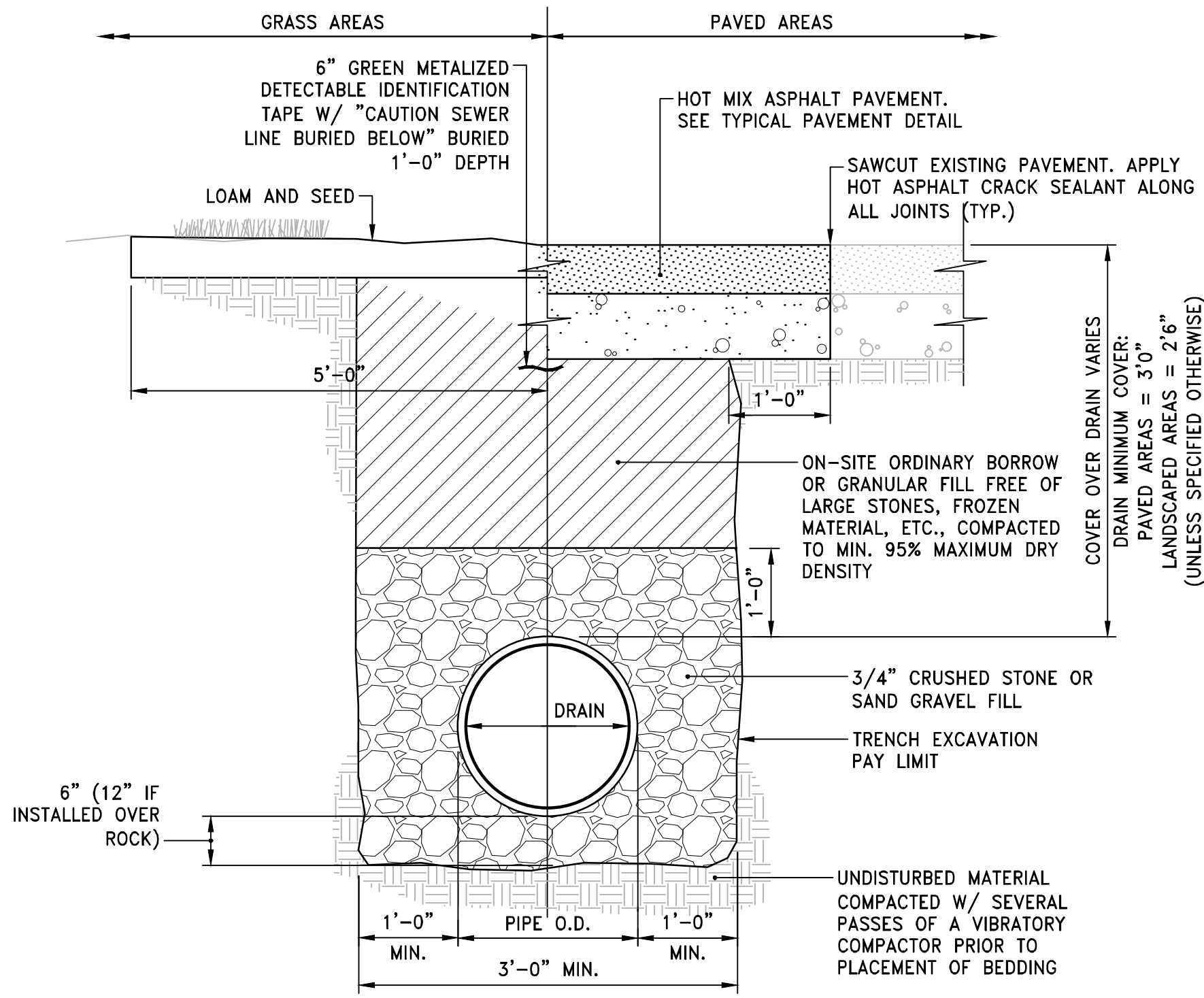


ERODIBLE MATERIAL STOCKPILE
NOT TO SCALE



CLF CHAIN LINK FENCE

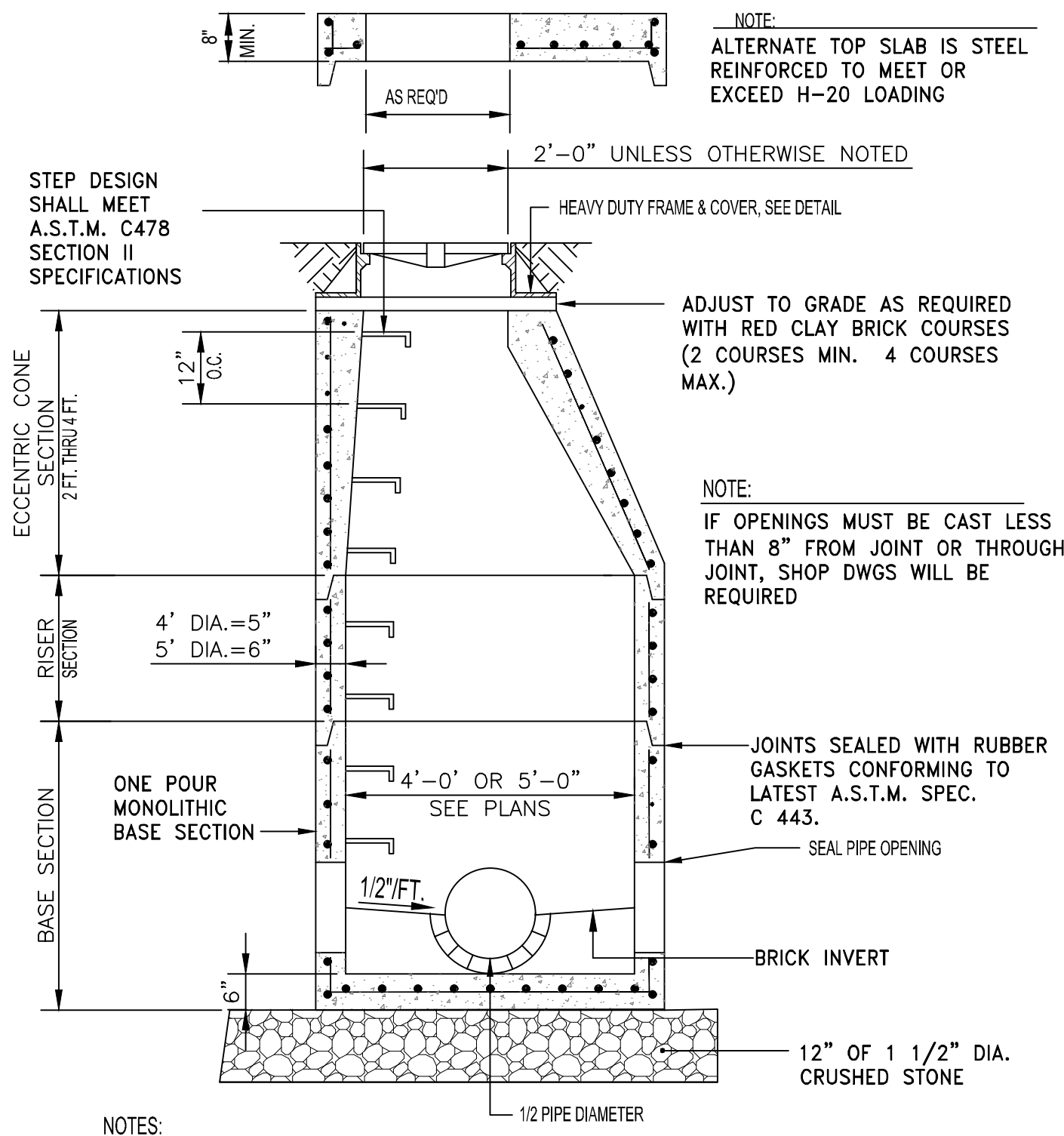
NOT FOR CONSTRUCTION



NOTES:

- WHERE THE DISTANCE BETWEEN THE SAWCUT AND EDGE OF PAVEMENT IS 3' OR LESS, THE CONTRACTOR SHALL REPLACE THE PAVEMENT FROM THE TRENCH EDGE TO THE EXISTING EDGE OF PAVEMENT.
- 3/4" DIA. CRUSHED STONE SHALL BE USED AS BEDDING WHERE TRENCH IS BELOW THE GROUND WATER TABLE.

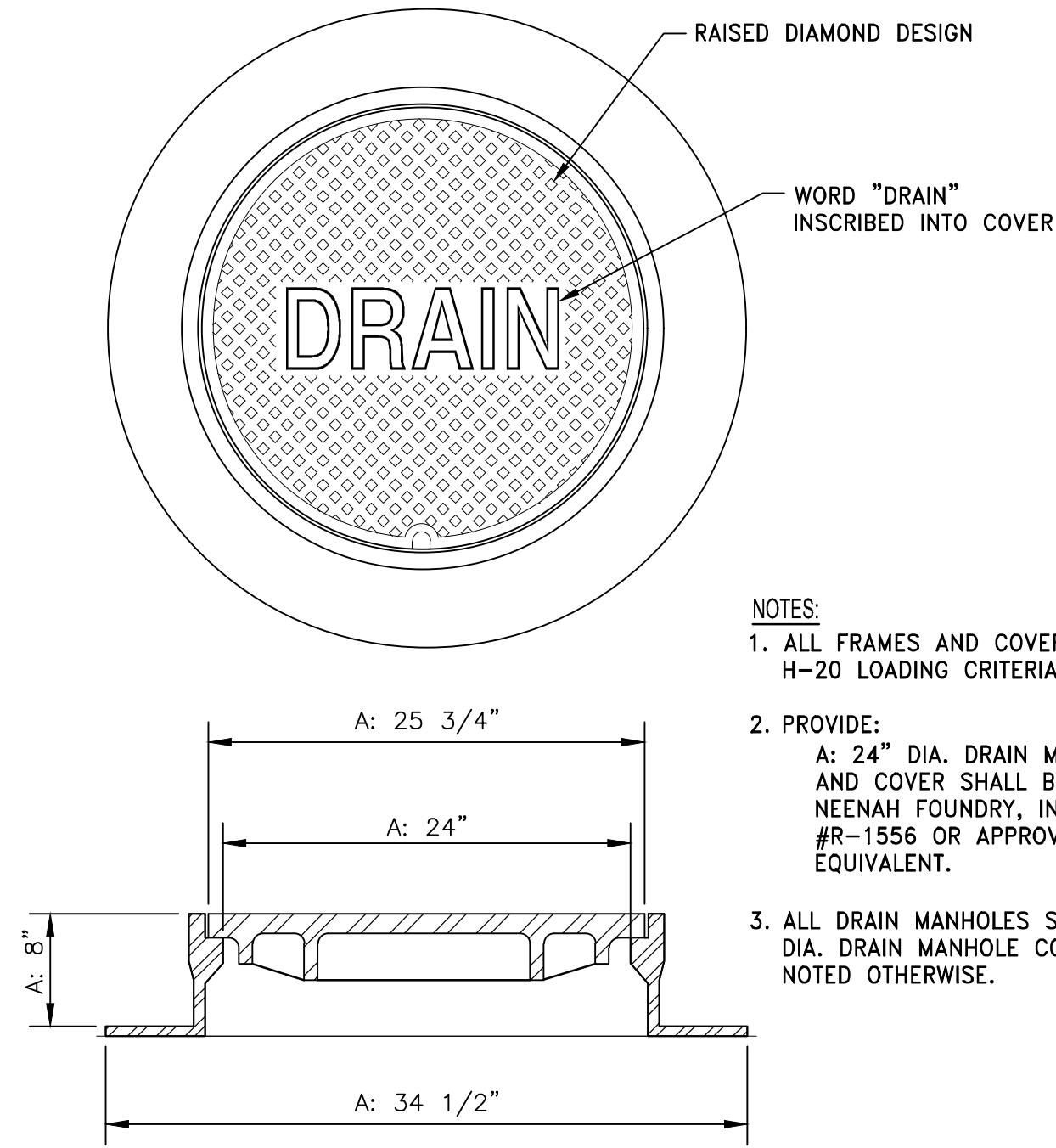
DRAIN TRENCH DETAIL
NOT TO SCALE



NOTES:

- STEEL REINFORCEMENT FOR BASE SECTION SHALL BE 0.12 SQ. IN./LF.
- CIRCUMFERENTIAL STEEL REINFORCEMENT SHALL BE 0.15 SQ. IN./LF. MINIMUM.
- STRUCTURE SHALL CONFORM TO MASS HIGHWAY SPECIFICATIONS.

TYPICAL DRAIN MANHOLE DETAIL
NOT TO SCALE



NOTES:

- ALL FRAMES AND COVERS SHALL MEET H-20 LOADING CRITERIA.
- PROVIDE:
A: 24" DIA. DRAIN MANHOLE FRAME AND COVER SHALL BE NEENAH FOUNDRY, INC. MODEL #R-1556 OR APPROVED EQUIVALENT.
- ALL DRAIN MANHOLES SHALL HAVE 24" DIA. DRAIN MANHOLE COVER UNLESS NOTED OTHERWISE.

DRAIN MANHOLE FRAME & COVER
NOT TO SCALE



OWNER/APPLICANT:
SHORELINE RESOURCES, LLC
137 POPE'S ISLAND
NEW BEDFORD, MA 02740

SCALE ADJUSTMENT GUIDE
0"
BAR IS ONE INCH ON ORIGINAL DRAWING

Waterfront Improvements
Shoreline Resources, LLC
26 North Front Street
New Bedford, Massachusetts



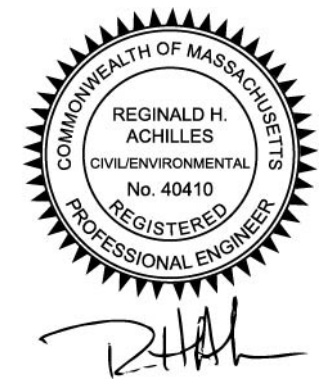
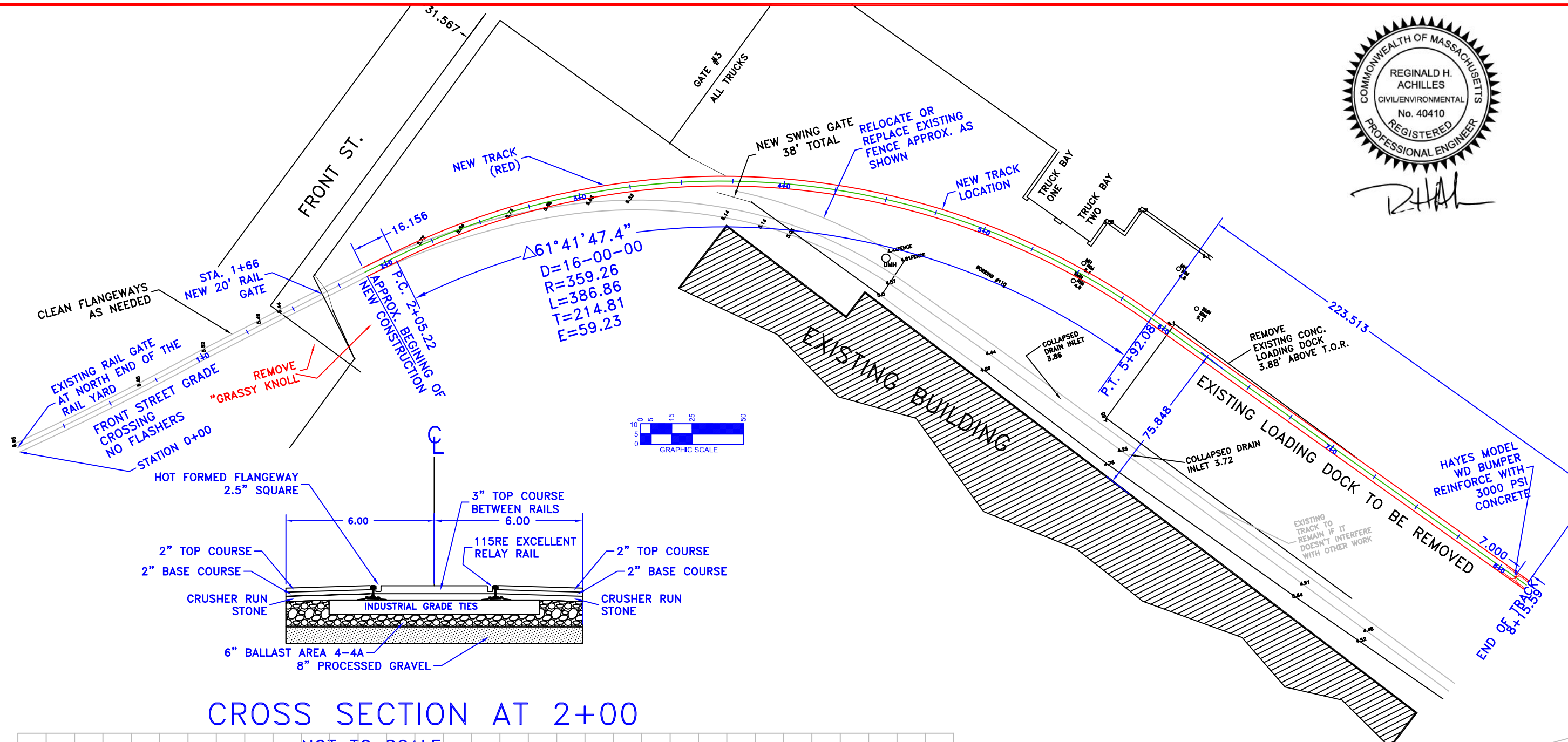
REVISIONS:

PROJECT NO.: 20109.00
DATE: MARCH 2021
SCALE: NOT TO SCALE
DESIGNED BY: KM
CHECKED BY: MAN/VH
DRAWN BY: AWB/AKL/ACT
APPROVED BY: DLP
DRAWING TITLE:

DETAILS 2

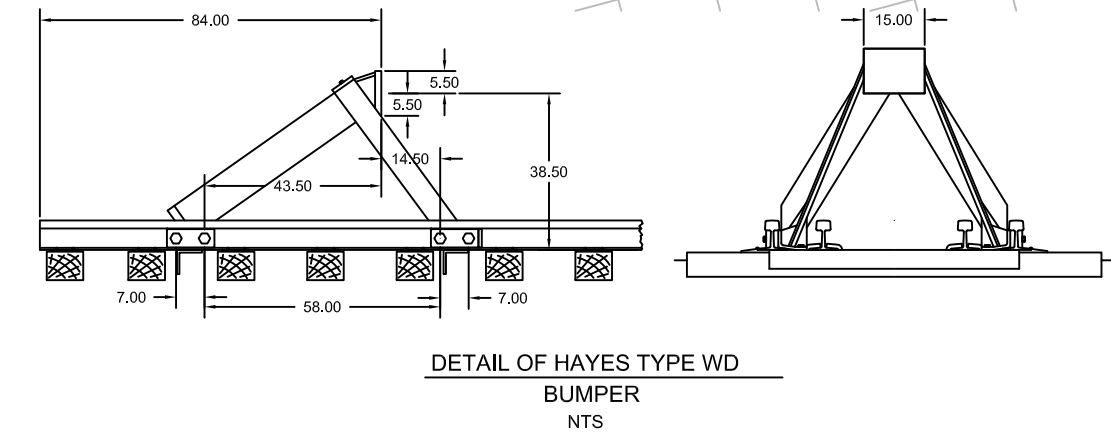
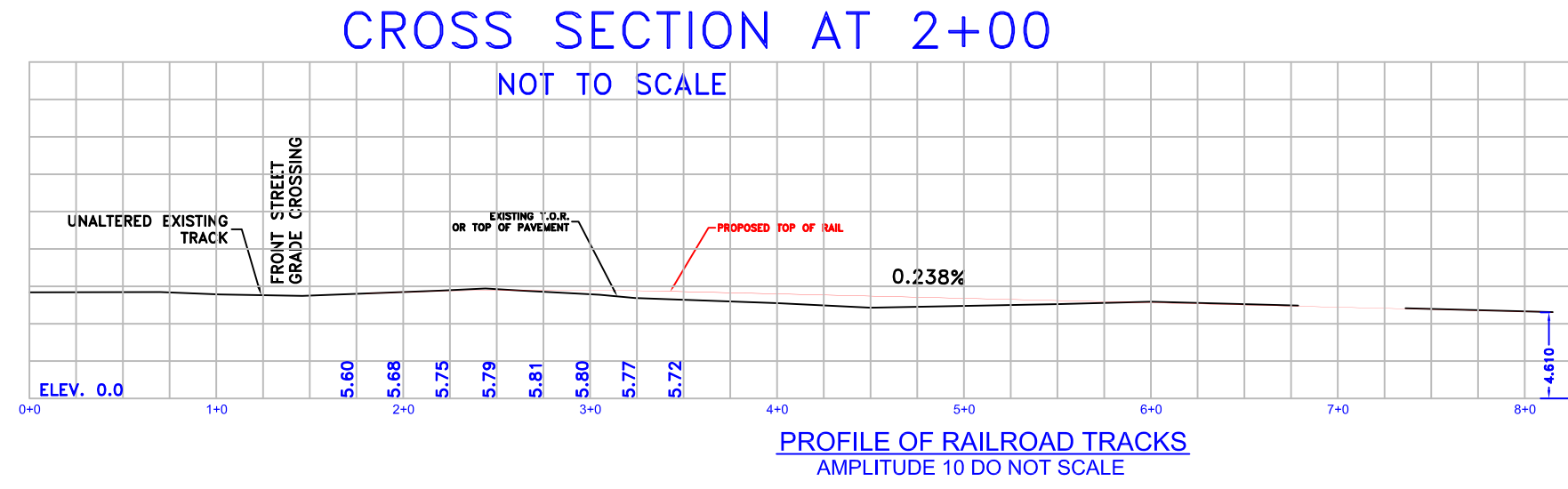
DRAWING NO.:
SHEET NO. OF

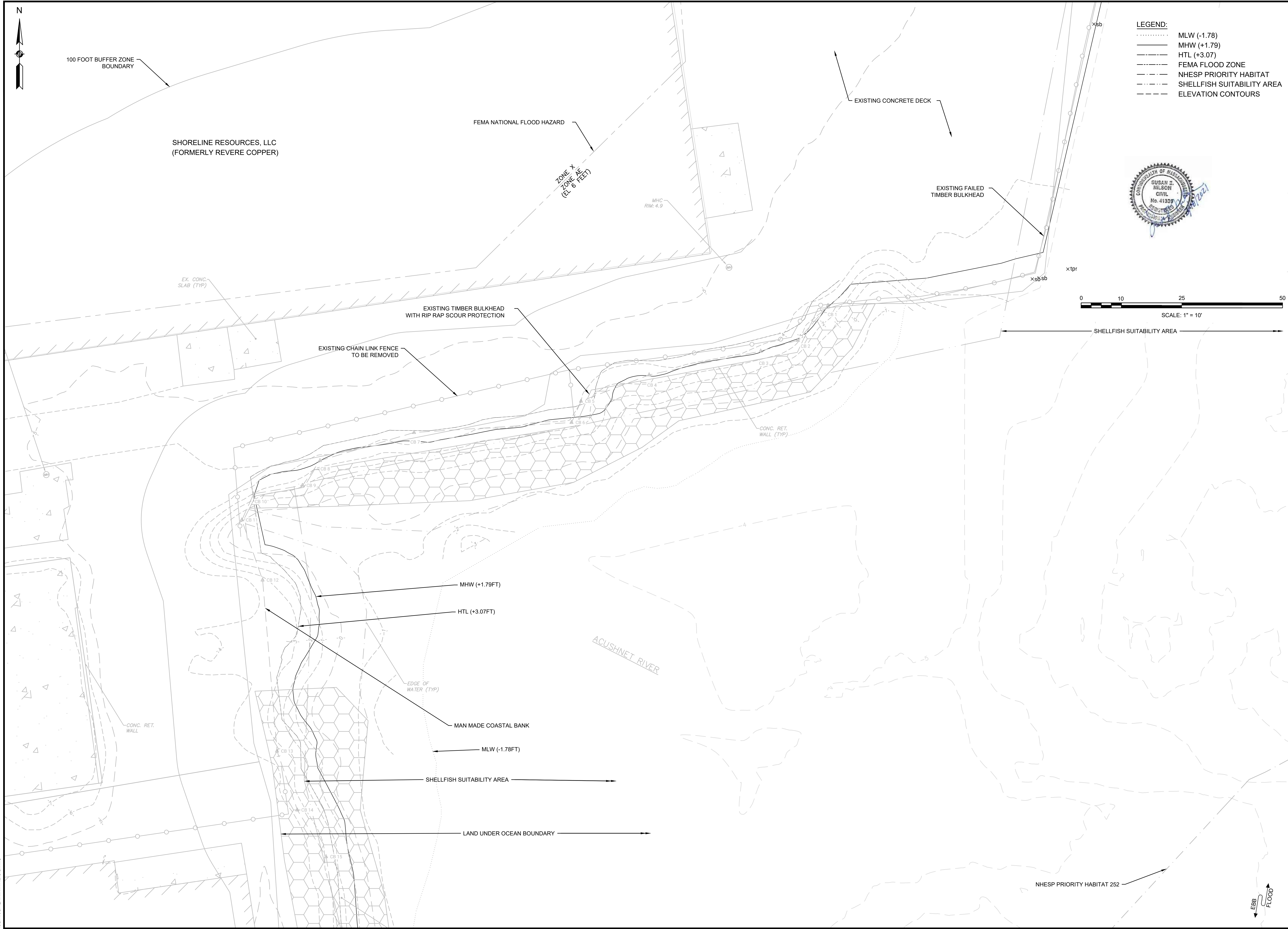
NOT FOR CONSTRUCTION



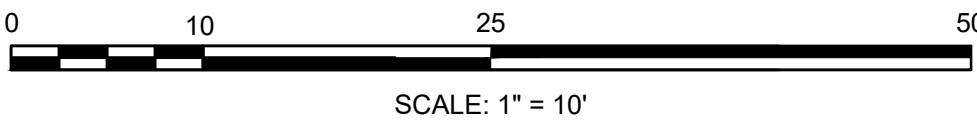
NEW ENGLAND RAILWAY CONSORTIUM
96 Spring Street, Windsor Locks CT 06096
Phone 860-623-8512 e-mail bw@nerc.com

STATION		
NEW BEDFORD		
MP	TO MP	N/A
TRACK		
BENCH MARK		
SEE F/D ELEVATIONS ARE FROM ASSUMED BENCH		
TITLE		
PROPOSED TRACK RELOCATION AT EAST COAST FABRICATION NEW BEDFORD MA		
SCALE		
SEE F/D		
SHT	OF	REV
1	OF 1	B
JOB NO.		
NERC104		
DWG FILE NAME		
NERC104C2.DWG		
DRAWN	DATE	
BCW	8/19	
APPROVED	DATE	





- LEGEND:
- MLW (-1.78)
 - MHW (+1.79)
 - HTL (+3.07)
 - FEMA FLOOD ZONE
 - NHPSP PRIORITY HABITAT
 - SHELLFISH SUITABILITY AREA
 - ELEVATION CONTOURS



FOTH INFRASTRUCTURE & ENVIRONMENT, LLC
15 CREEK ROAD
MARION, MA 02738

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SHORELINE RESOURCES, LLC
NEW BEDFORD, MA
TRAVEL LIFT PIER
NOTICE OF INTENT PLANS

REVISIONS	
NO.	DESCRIPTION
1	
2	
3	
4	
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7	
8	
9	
10	

DATE OF PREPARATION	
BY	DATE
NA	NA
JR	10/7/2020
JD/PR	10/1/2020
PR	10/8/2020

SHEET TITLE:

ENLARGED EXISTING CONDITIONS PLAN

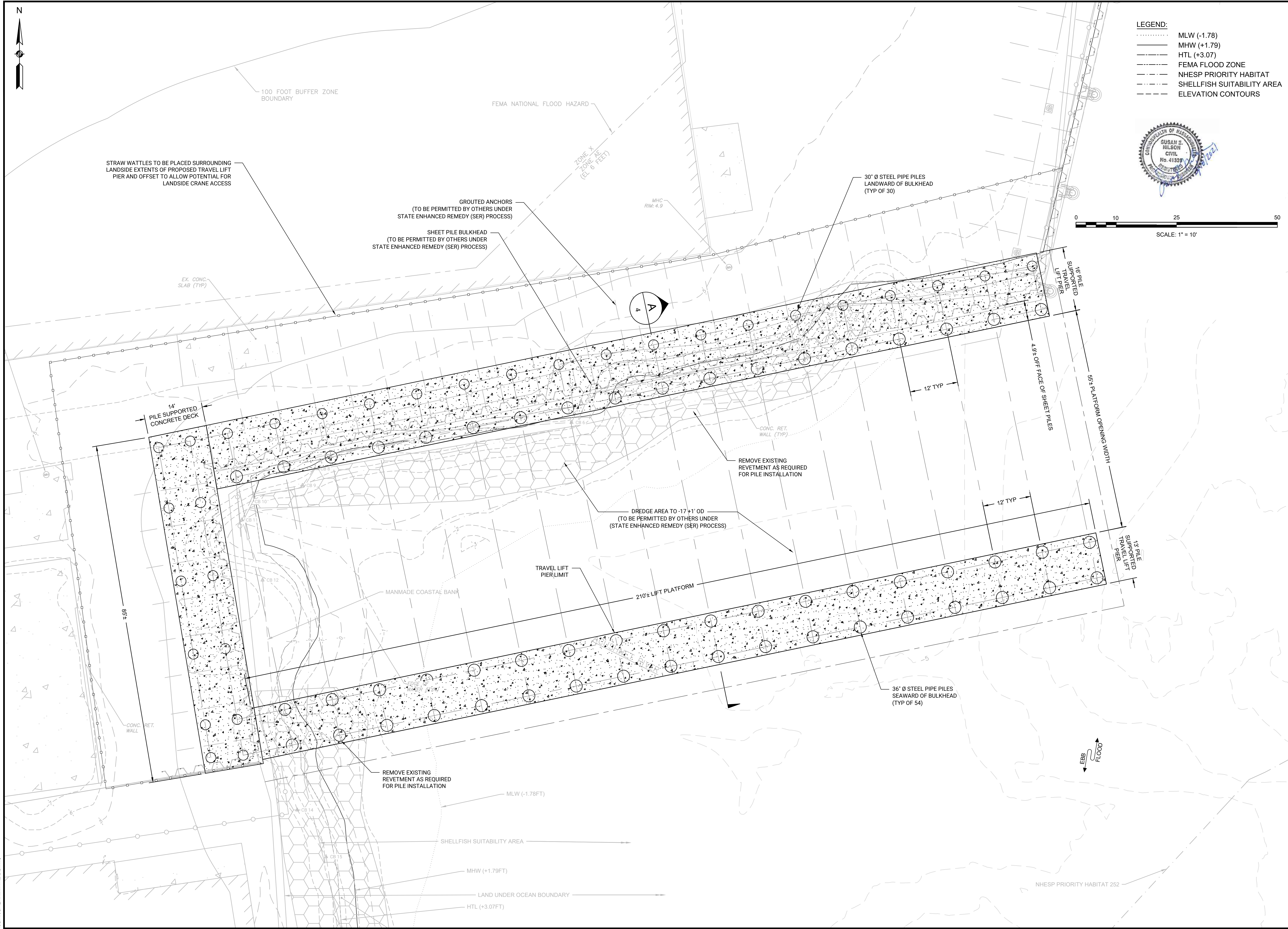
ISSUANCE:

NOTICE OF INTENT

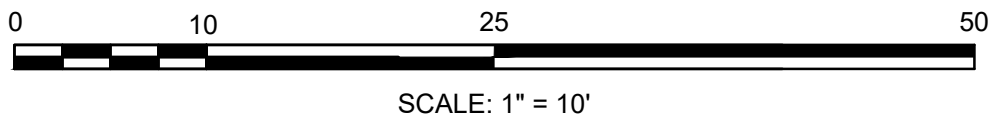
PROJECT NO: **0020S025.00**


SHEET NUMBER

2



- LEGEND:
- MLW (-1.78)
 - MHW (+1.79)
 - HTL (+3.07)
 - FEMA FLOOD ZONE
 - NHESP PRIORITY HABITAT
 - SHELLFISH SUITABILITY AREA
 - ELEVATION CONTOURS





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SHORELINE RESOURCES, LLC
NEW BEDFORD, MA

TRAVEL LIFT PIER
NOTICE OF INTENT PLANS

REVISIONS	
NO.	DESCRIPTION
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

DATE OF PREPARATION		
BY	DATE	
NA	NA	
JR	10/7/2020	
JD/PR	10/1/2020	
PR	10/8/2020	

DATE OF PREPARATION

BY: NA DATE: NA

SURVEYED: JR 10/7/2020

DRAWN: JD/PR 10/1/2020

CHECKED: PR 10/8/2020

SHEET TITLE:

PROPOSED
800MT TRAVEL
LIFT PIER

ISSUANCE:

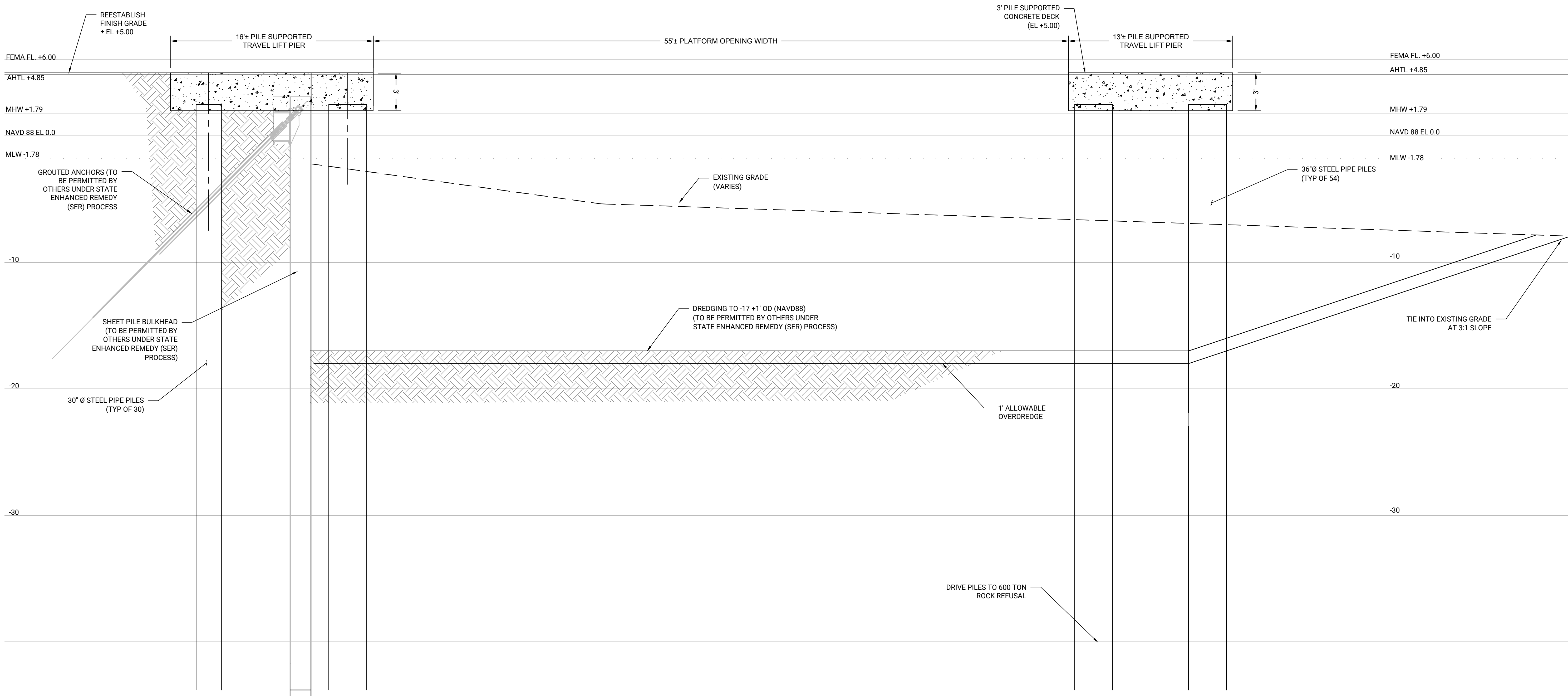
NOTICE OF
INTENT

PROJECT NO: 0020S025.00

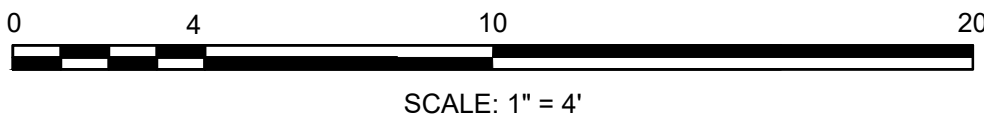
SHEET NUMBER

3

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SECTION "A"
PIER SECTION
SCALE: 1" = 4'



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**SHORELINE RESOURCES, LLC
NEW BEDFORD, MA
TRAVEL LIFT PIER
NOTICE OF INTENT PLANS**

REVISIONS		DESCRIPTION		DATE	
NO.	BY	DATE	DESCRIPTION	DATE	
1	NA				
2	NA				
3	NA				
4	NA				
5	NA				
6	NA				
7	NA				
8	NA				
9	NA				
10	NA				
DATE OF PREPARATION					
SURVEYED	NA	DATE	NA		
DRAWN	JR	10/7/2020			
DESIGNED	JD/PR	10/1/2020			
CHECKED	PR	10/8/2020			
SHEET TITLE:					
SECTION "A" TRAVEL LIFT PIER					
ISSUANCE:					
NOTICE OF INTENT					
PROJECT NO: 0020S025.00					
SHEET NUMBER					
4					