



Agenda
Board of Selectmen's Meeting
Town of Damariscotta, Maine
February 2, 2022; 5:30 PM
Damariscotta Town Hall

- I. Pledge of Allegiance**
- II. Call to Order**
- III. Minutes**
 - 1. January 19 Meeting
- IV. Financial Reports**
 - 1. Payroll Warrant
 - 2. Accounts Payable Warrant
- V. Presentations**
 - 1. Review of 95% Design of Waterfront Project -Wright-Pierce/SLR via Zoom
 - 2. Review of Town Manager Recruitment Schedule- Don Gerrish, Eaton-Peabody
- VI. Citizen Comments and General Correspondence**
- VII. Town Manager Items**
 - 1. Special Town Meeting Voting Format
 - 2. Broadband Committee Request for a Joint Newcastle Select Board/Damariscotta Board of Selectmen Meeting on February 6
- VIII. Official Action Items**
 - 1. Interlocal Agreement for Ambulance Services (Tabled from January 19)
 - 2. Maine Service Center Coalition Renewal
 - 3. Approval of FY 2021 Carry-Forward Funds
- IX. Selectmen's Discussion Items**
- X. Executive Session Items**
 - 1. Follow-up Report on Personnel Matter per 1 M.R.S.A. § 405(6) A

2. Discussion of Union Request for Renegotiation of Police Officer Collective Bargaining Agreement per 1 M.R.S.A. § 405(6) D

XI. Adjournment

TOWN MANAGER Draft 1/17/2022

DAMARISCOTTA, MAINE

The Town of Damariscotta is accepting applications for the position of Town Manager. Located in mid-coast Maine near the head of the Damariscotta River, twelve miles from the ocean, Damariscotta is a key focal point for mid coast Maine residents and visitors. Damariscotta's fine public and private elementary schools, high school, modern hospital and public library, thriving arts community, and diverse businesses provide residents and visitors with a full range of "modern" conveniences and opportunities in a truly unique historic and natural setting.

Damariscotta has a year round population of 2,200 and a summer population of 5,000 with a municipal budget of \$?? and ?? full-time employees. Damariscotta has a Town Manager/Board of Selectmen/Town Charter form of government which includes a 5 member Board of Selectmen elected with staggered terms.

The Council is seeking candidates with a minimum of 5 years of demonstrated municipal management experience as a Manager or similar related position. Knowledge/experience in areas of economic development, budget/finance, grant writing and implementation, human resource, planning, policy management and project management are desired. Strong background and awareness of technology and its application in a municipal setting is desired. Superior supervisory and organizational skills, excellent written and oral communications, as well as excellent interpersonal skills are required. Leadership with integrity, honesty, openness and humor combined with creative problem solving will be essential.

Applicants will possess a Bachelor's degree in Public Administration or a closely related field with a Master's degree preferred. Salary range is ?? to be determined based on experience and qualifications.

Submit cover letter, resume, salary requirements and five (5) references **by March 29, 2022** to:

Damariscotta Town Manager Search
Eaton Peabody Consulting Group
Attn: Don Gerrish
77 Sewall Street, Suite 3000
Augusta, Maine 04330
Email: dgerrish@eatonpeabody.com
Telephone: 207-622-9820

The Town of Damariscotta is an equal opportunity employer.

Draft

**TOWN of DAMARISCOTTA
TOWN MANAGER SEARCH
TIMELINE
January 17 2022**

Draft

January or February (dates to be determined)

- Meet with Selectboard to approve timeline and approve ad.
- Approve schedule to interview Dept. Heads / Employees
- Schedule public meeting for input from public, businesses and organizations on issues facing Damariscotta in next 5 years and what they are looking for in the next Town Manager

March 1 Tuesday

- Ad Placed

March 29 Tuesday

- Deadline for Applications

April 1 Friday

- Notebooks with consultant's recommended resumes of candidates to interview along with all resumes delivered to the Selectboard.

April 4-7

- Meet with Selectboard to review candidate's resumes and decide on candidates for first interview.

April 11-12

- First round of interviews most likely two days needed depending on number of candidates interviewed. (Skype, Zoom or in person)
Decide on finalists most likely 2.

I have planned vacation from 4/13-4/20.

April 25-28

- Selectboard has second interviews with finalists and decides on finalist.

May 2-6

- Contract negotiated with finalist and starting date determined.

May 9-13

- Town Manager named and starting date announced.

MAINE SERVICE CENTERS COALITION

60 Community Drive • Augusta, Maine 04330 • (207) 623-8428

January 11, 2022

Mr. Matt Lutkus, Town Manager
Town of Damariscotta
21 School Street
Damariscotta, ME 04543

Dear Mr. Lutkas:

Thank you for your support of the Maine Service Centers Coalition (MSCC) in 2021. Working together we were able to help ensure the Maine Legislature and Governor Mills' administration made significant progress in addressing the fiscal harm done to Maine's municipalities over the previous several years.

As the second session of the 130th Maine Legislature begins, we are asking that you renew your dues support of the MSCC for 2022.

We must continue to band together and ensure we retain the gains made for our communities and continue to represent the interests of Maine's service centers. Service center communities come in all shapes and sizes, and we advocate for their collective interests. Our membership also reflects this diversity, as we are comprised of communities as small as 2,107 (Damariscotta) and as large as 25,927 (South Portland).

Our municipal revenues received significant and long overdue funding restorations in the current biennial budget and promises for additional protections and restorations in the next budget. The Administration and bipartisan majorities in the Maine Senate and House deserve credit for their support for restorations in Revenue Sharing, local aid to education funding, county jails, workers compensation reform, and the critical need for transportation bond packages.

The first round of federal funding has provided the fiscal base for significant progress in addressing many of Maine's most severe needs and problems. However, even with the additional funding recently approved in Washington the latest expansion of the new variant of the Covid 19 virus exploding on our citizens makes it obvious that our struggle against the most severe health and financial crisis in Maine's history will continue through 2022.

Your membership, support and involvement continue to be critical to our continued success. Given the limited access and face time in Augusta with elected and Administration officials due to COVID safety restrictions, your interaction with your local legislators will continue to be key to our collective effort to maintain and continue the restoration and protection of municipal revenue.

We will continue to work with a core group of organizations to restore and maintain full funding of all revenue to municipalities. Our strategy continues to include holding every Maine legislator accountable for every vote that impacts municipal revenue or impairs our ability to provide

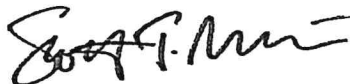
property tax relief to our citizens. Given the obvious advantage of experienced political advice and relationships, the MSCC leadership and staff will again rely upon Richard Trahey and his firm of Maine Governmental Relations for professional lobbying staff support. I believe that this relationship with Richard has benefited the Coalition greatly in providing us access to policy makers, sound policy advice, and effective advocacy services.

We are enclosing the MSCC Membership Dues invoice for 2022 and hope you will respond favorably. Membership dues are set at twelve cents per capita based on your community's population (established by the latest State Revenue Sharing data available) with a minimum dues payment of \$500 per community. Also enclosed please find a listing of the 2022 MSCC Executive Committee, and informational forms that we ask you to update and return to us. Please be sure to note to whom we should rely upon as the principal REPRESENTATIVE and ALTERNATE for your community.

In addition, please feel free to contact me directly at the South Portland City Hall (207.767.7606) or by e-mail at smorelli@southportland.org

Once again, thank you for your municipality's past support. Together we can make 2022 a productive year for the Maine Service Centers Coalition.

Sincerely,



Scott Morelli
Chairperson
Maine Service Centers Coalition

Enclosures

Maine Service Centers Coalition
 60 Community Drive
 Augusta, Maine 04330-9486

INVOICE

Bill To: 000000003179-0

Town of Damariscotta
 21 School St
 Damariscotta, ME 04543

Order Number: 1000419735
 Order Date: 01/10/2022
 Invoice Date: 10-Jan-2022
 Due Date: 09-Feb-2022
 Employee Code: 15060

Product	Ship To Name	LineStatusCode	Qty	Base Amount	Adjustment	Total
MSCC - MSCC Active Membership 01-Jan-2022 to 31-Dec-2022	Town of Damariscotta	Proforma	1	500.00	0.00	500.00
".12 cents per capita - \$500.00 minimum"						
Shipping:						0.00
Total :						500.00
Paid To Date						0.00
Current Amount Due :						500.00

Please detach the lower portion and return it with your payment. Thank you.

Customer: 000000003179-0 Town of Damariscotta
 Order No.: 1000419735

Balance Due(USD): 500.00

Amount: _____

Send payments to:

Maine Service Centers Coalition
 60 Community Drive
 Augusta, Maine 04330-9486

**MAINE SERVICE CENTERS COALITION
2022 EXECUTIVE COMMITTEE**

OFFICERS

(Serve 1-Year Terms)

Chairman

TERM EXPIRES: 12/31/2022

Scott Morelli, City Manager
City of South Portland
PO Box 9422
South Portland, ME 04116-9422
Telephone: (207) 767-7606
Email: smorelli@southportland.org

County: Cumberland
Population: 25,779
Votes: 3

Vice Chairman

TERM EXPIRES: 12/31/2022

Phil Crowell, City Manager
City of Auburn
60 Court Street
Auburn, ME 04210
Telephone: (207) 333-6600
Email: pcrowell@auburnmaine.gov

County: Androscoggin
Population: 22,951
Votes: 3

Secretary

TERM EXPIRES: 12/31/2023

Matt Lutkus, Town Manager
Town of Damariscotta
21 School Street
Damariscotta, ME 04543
Telephone: (207) 563-5168
Email: mlutkus@damariscottame.com

County: Lincoln
Population: 2,081
Votes: 1

Treasurer

TERM EXPIRES: 12/31/2023

James Bennett, City Manager
City of Biddeford
PO Box 586
Biddeford, ME 04005-0586
Telephone: (207) 284-9313
Email: James.Bennett@biddefordmaine.org

County: York
Population: 21,393
Votes: 3

MEMBERS-AT-LARGE

(All Members to Serve 3-Year Staggered Terms)

TERM EXPIRES: 12/31/2024

Marian Anderson, Town Manager
Town of Houlton
21 Water Street
Houlton, ME 04730-2020
Telephone: (207) 532-7111
Email: town.manager@houlton-maine.com
County: Aroostook
Population: 5,266 Votes: 1

TERM EXPIRES: 12/31/2024

Stephen Daly, City Manager
City of Waterville
One Common Street
Waterville, ME 04901-6699
Telephone: (207) 680-4204
Email: sdaly@waterville-me.gov
County: Kennebec
Population: 15,927 Votes: 2

TERM EXPIRES: 12/31/2024

Sophia Wilson, Town Manager
Town of Orono
59 Main Street
Orono, ME 04473-4001
Telephone: (207) 889-6905
Email: swilson@orono.org
County: Penobscot
Population: 10,679 Votes: 2

TERM EXPIRES: 12/31/2024

Kara George, Town Manager
Town of Thomaston
13 Valley Street
Thomaston, ME 04861
Telephone: (207) 354-6107
Email: kgeorge@thomaston.gov
County: Knox
Population: 2,771 Votes: 1

TERM EXPIRES: 12/31/2022

Audra Caler, Town Manager
Town of Camden
PO Box 1207
Camden, ME 04843-1207
Telephone: (207) 236-3353
Email: acaler@camdenmaine.gov
County: Knox
Population: 4,642 Votes: 1

TERM EXPIRES: 12/31/2023

Susan Robertson, Assistant City Manager
City of Augusta
16 Cony Street
Augusta, ME 04330-5201
Telephone: (207) 626-2300
Email: susan.robertson@augustamaine.gov
County: Kennebec
Population: 18,374 Votes: 2

TERM EXPIRES: 12/31/2023

VACANT

Telephone:
Email:
County:
Population: Votes:

Administrative Services

Melissa White, Liaison for Affiliate Services
Maine Municipal Association
60 Community Drive
Augusta, ME 04330-9486
Telephone: (207) 623-8428 ext. 2299
Email: mwhite@memun.org

Advocacy Services

Richard Trahey, President
Maine Governmental Relations
103 Water Street, Suite 203
Hallowell, ME 04347-1300
Telephone: (207) 623-0272
Email: rtrahey124@gmail.com

MAINE SERVICE CENTER COALITION

**2022 Resolution for Membership and
Appointment of Voting Delegate Representative and Alternate**

BE IT RESOLVED that the _____
(City/Town Council or Board of Selectmen)

hereby authorizes membership in the Maine Service Center Coalition and designates:

(name) (position in municipality)

to be the appointed REPRESENTATIVE for the Maine Service Centers Coalition and is therefore authorized to vote at the Maine Service Centers Coalition business meetings.

BE IT FURTHER RESOLVED that the designated ALTERNATE is:

(name) (position in municipality)

Dated

Attested To By:

Please return this Resolution as soon as possible to:

Maine Service Centers Coalition
c/o Melissa White, Liaison for Affiliate Services
Maine Municipal Association
60 Community Drive
Augusta, Maine 04330
E-mail: mwhite@memun.org

MAINE SERVICE CENTERS COALITION

VOTING DELEGATES - 2022

Membership Information Sheet

MSCC REPRESENTATIVE	MSCC ALTERNATE
NAME:	NAME:
TITLE:	TITLE:
MUNICIPALITY:	MUNICIPALITY:
MAILING ADDRESS:	MAILING ADDRESS:
CITY/ST/ZIP:	CITY/ST/ZIP:
TOWN OFFICE PHONE:	TOWN OFFICE PHONE:
WORK PHONE:	WORK PHONE:
HOME PHONE:	HOME PHONE:
FAX PHONE:	FAX PHONE:
E-MAIL ADDRESS:	E-MAIL ADDRESS:

RETURN TO:

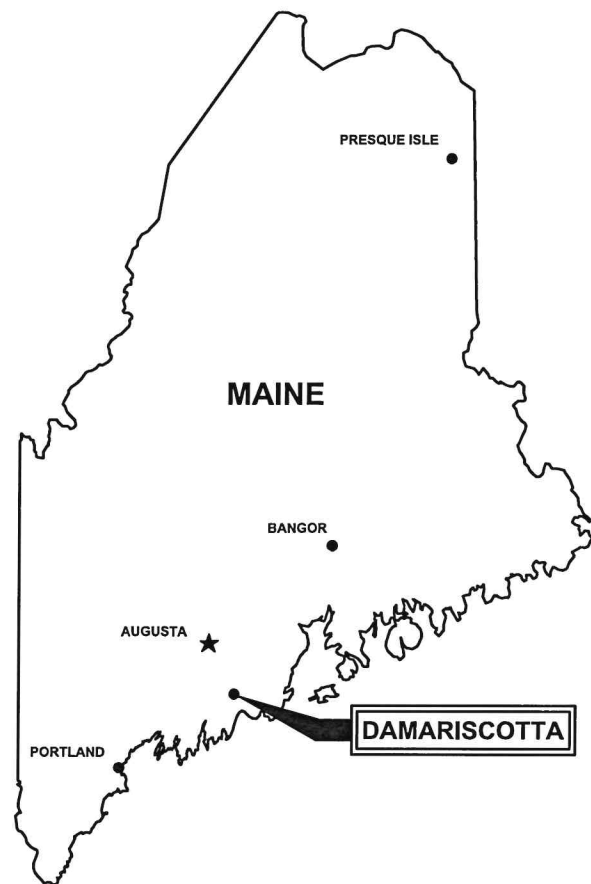
Maine Service Centers Coalition
c/o Melissa White, Liaison for Affiliate Services
Maine Municipal Association
60 Community Drive
Augusta, Maine 04330
E-mail: mwhite@memun.org

TOWN OF DAMARISCOTTA, MAINE

CONTRACT DRAWINGS FOR

DOWNTOWN FLOOD PROTECTION IMPROVEMENTS

JANUARY 2022



DRAWING INDEX

GENERAL

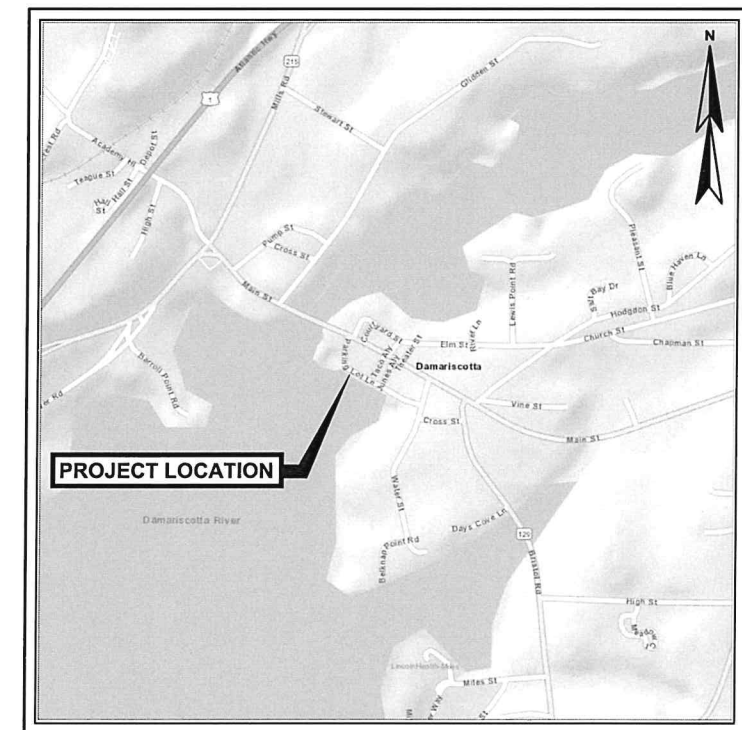
- COVER
- CIVIL**
- C-1 GENERAL NOTES, LEGEND & ABBREVIATIONS
- C-2 EXISTING CONDITIONS & DEMOLITION PLAN
- C-3 PROPOSED SITE LAYOUT PLAN
- C-4 PROPOSED GRADING & DRAINAGE PLAN
- C-5 PROPOSED SITE UTILITY PLAN
- C-6 FLOOD WALL PROFILE
- C-7 DETAILS I
- C-8 DETAILS II
- C-9 DETAILS III
- C-10 EROSION CONTROL NOTES & DETAILS

LANDSCAPE

- EX-1 PARK & LIVING SHORELINE - EXISTING CONDITIONS AND DEMOLITION PLAN
- LA-1 PARK & LIVING SHORELINE - MATERIALS AND DIMENSIONAL LAYOUT PLAN
- LG-1 PARK & LIVING SHORELINE - LANDSCAPE AND GRADING PLANS
- SE-1 PARK & LIVING SHORELINE - SEDIMENT AND EROSION CONTROL
- SE-2 SEDIMENT AND EROSION CONTROL DETAILS
- SD-1 PARK & LIVING SHORELINE DETAILS
- SD-2 PARK & LIVING SHORELINE DETAILS
- SD-3 PARK & LIVING SHORELINE DETAILS
- XX SITE PLAN - SECTIONS

STRUCTURAL

- S-100 STRUCTURAL PLAN AND ELEVATION
- S-101 STRUCTURAL PLAN AND ELEVATION
- S-102 STRUCTURAL PLAN AND ELEVATION
- S-103 STRUCTURAL NOTES & DETAILS



LOCATION PLAN
SCALE: 'NTS'



(207) 725-8721 | www.wright-pierce.com

**PROGRESS
PRINT**

WP PROJECT No. 20459

GENERAL NOTES

- BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY REPRESENTATIVE PRIOR TO COMMENCING WORK. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED BY THE OWNER. UTILITY CONTACTS ARE AS FOLLOWS:

ELECTRIC: CENTRAL MAINE POWER CO. 280 BATH ROAD BRUNSWICK, MAINE 04011 TEL (207) 882-4131 TELEPHONE: TIDEWATER TELECOM 133 BACK MEADOW ROAD NOBLEBORO, ME 04555 TEL (207)-563-9911	CABLE TELEVISION: TIME WARNER CABLE 83 ANTHONY AVENUE AUGUSTA, MAINE 04330 TEL. (207) 620-6671 DIG SAFE: TEL 1-800-DIGSAFE	WATER/SEWER: GREAT SALT BAY SANITARY DISTRICT 121 PIPER MILL ROAD DAMARISCOTTA, MAINE 04543 TEL. (207) 563-3010 (WATER) TEL. (207) 563-5105 (WASTEWATER) PUBLIC WORKS DEPARTMENT TOWN OF DAMARISCOTTA 21 SCHOOL STREET DAMARISCOTTA, ME 04543 TEL (207) 563-5168
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- CONTRACTOR TO NOTE THAT, IN GENERAL, ALL EXISTING CONDITION INFORMATION ON THE DRAWINGS IS SHOWN WITH A LIGHTER LINE WEIGHT AND WITH A SLANTED TYPE TEXT.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- THE CONTRACTOR SHALL TAKE PRE-CONSTRUCTION PHOTOGRAPHS AND PROVIDE COPIES TO THE OWNER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAKE SURE TO INCLUDE ALL PRIVATE PROPERTY THAT MAY BE IMPACTED BY THE PROJECT.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN A TELEPHONE NUMBER WHERE HE CAN BE REACHED 24 HOURS A DAY, 7 DAYS A WEEK, UNTIL THE PROJECT IS COMPLETE.
- THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE TO OWNER AT LEAST THREE DAYS PRIOR TO PERFORMING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION. MATERIALS AND METHODS USED FOR TEMPORARY EROSION CONTROL SHALL BE AS SPECIFIED BY THE "MAINE EROSION AND SEDIMENT CONTROL BMP'S", PREPARED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (MeDEP).
- THE CONTRACTOR SHALL CONTROL DUST IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONTRACTOR SHALL NOT TRACK OR SPILL EARTH OR DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. PAVED SURFACES OPENED TO THE PUBLIC SHALL BE KEPT SWEEP AND FREE OF DEBRIS.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER AND ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE DAMARISCOTTA POLICE DEPARTMENT (563-3909) AND FIRE DEPARTMENT (563-8236) ARE TO BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR. REFER TO SPEC. SECTION 01570.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL DEVICES AS NECESSARY AND IN A MANNER CONSISTENT WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
- CONTRACTOR SHALL COORDINATE STAGING OF MATERIALS WITH OWNER PRIOR TO CONSTRUCTION.
- CONTRACTOR IS REFERRED TO SPECIFICATION SECTION 01050 FOR COORDINATION WITH OTHERS.
- THE CONTRACTOR SHALL NOTIFY EACH PROPERTY OWNER AT LEAST 48 HOURS IN ADVANCE OF WHEN CONSTRUCTION WILL DISRUPT ACCESS TO THE PROPERTY, INCLUDING PARKING SPACES, DRIVEWAYS, WALKWAYS, ETC.
- COMPACTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATIONS SECTION 02200. ANY SETTLEMENT OCCURRING WITHIN ONE YEAR OF SUBSTANTIAL COMPLETION OF THE PROJECT WILL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL TEST PITS SHALL BE EXCAVATED PRIOR TO CONSTRUCTION AT THE APPROXIMATE LOCATIONS NOTED ON THE PLANS AND AS DIRECTED BY THE OWNER. ACTUAL LOCATIONS OF SUBSURFACE UTILITIES SHALL BE REPORTED TO THE OWNER. ADJUSTMENTS TO THE ALIGNMENTS OF THE PROPOSED LINES TO ACCOMMODATE EXISTING UTILITIES SHALL BE APPROVED BY OWNER'S RESIDENT PROJECT REPRESENTATIVE. ALL ADJUSTMENTS (SWING TIES AND ELEVATIONS) MUST BE DEPICTED IN THE RECORD AS-BUILT DRAWING DATA SUBMITTED TO THE ENGINEER FOR INCLUSION IN THE RECORD AS-BUILT DRAWINGS.
- OPEN TRENCHES IN THE ROADWAY MUST BE BACK FILLED AT THE END OF THE WORKDAY, UNLESS PERMISSION TO LEAVE THEM OPEN IS GIVEN IN WRITING BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF SEDIMENTARY FLOWS RESULTING FROM PRECIPITATION AND HIS CONSTRUCTION OPERATIONS UNTIL THE PROJECT IS SUBSTANTIALLY COMPLETE AND TEMPORARY EROSION CONTROL MEASURES ARE NO LONGER REQUIRED.
- ALL AREAS TO BE PAVED MUST BE DONE PRIOR TO THE WINTER SHUTDOWN. TEMPORARY PAVEMENT SHALL BE CONSIDERED INCIDENTAL.
- STONE, CONCRETE STRUCTURES AND PAVEMENT AREAS TO BE SAW CUT SHALL RECEIVE A TACK COAT PRIOR TO NEW PAVEMENT PLACEMENT.
- PAVEMENT IS TO BE SAWCUT AT ALL LIMITS OF WORK ABUTTING EXISTING PAVEMENT AND STRUCTURES. PAVEMENT GRINDING SHALL BE TO THE FULL DEPTH OF THE EXISTING PAVEMENT AND MILLED MATERIAL SHALL BE INCORPORATED INTO THE PROJECT AS INDICATE ON THE DRAWINGS. SAWCUTTING WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO RELATED CONTRACT ITEMS.
- THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED.
- CONTRACTOR SHALL TAKE SPECIAL CARE TO PREVENT LOSS OF SOIL MATERIALS ASSOCIATED WITH GRANITE CURB CONSTRUCTION BY INSTALLING FILTER FABRIC BEHIND ALL GRANITE CURB JOINTS AS SPECIFIED AND AS INDICATED ON THE PLANS.
- EXISTING SIGNS THAT ARE IMPACTED BY THIS PROJECT SHALL BE RESET PER TOWN STANDARDS AND IN ACCORDANCE WITH M.U.T.C.D. ADDITIONAL SIGNS MY BE REQUIRED AS DIRECTED BY THE OWNER.
- REFER TO SPECIFICATION SECTION 02200 FOR PIPE AND STRUCTURE BEDDING AND BACKFILL REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF FLOWS RESULTING FROM PRECIPITATION AND HIS DEWATERING OPERATIONS. FLOWS FROM DEWATERING EFFORTS SHALL NOT BE DISCHARGED TO SANITARY OR COMBINED SEWERS.
- THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS, WHICH ARE NOT INDICATED ON THE DRAWINGS AS PART OF THE PROJECT WORK TO BE PAVED. TO PRE-CONSTRUCTION CONDITION OR BETTER. THIS WORK IS CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL TAKE CARE TO MINIMIZE IMPACTS TO PRIVATE PROPERTY.
- THE CONTRACTOR SHALL NOT HAVE ANY RIGHT OF PROPERTY IN ANY MATERIALS TAKEN FROM ANY EXCAVATION. SUITABLE EXCAVATED MATERIAL MAY BE INCORPORATED IN THE PROJECT, WITH EXCESS MATERIAL DISPOSED OF. THESE PROVISIONS SHALL IN NO WAY RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO PROPERLY DISPOSE OF AND REPLACE ANY MATERIAL DETERMINED BY THE OWNER TO BE UNSUITABLE FOR BACK FILLING. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE AND EXCESS MATERIAL IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PRODUCE AND FURNISH PROJECT RECORDS AS REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING, BUT NOT LIMITED TO CONSTRUCTION SCHEDULES, BONDS, SHOP DRAWINGS, WARRANTIES, GUARANTEES, CERTIFICATIONS, "AS-BUILT" DRAWINGS AND OTHER SUBMITTALS.

SURVEY & LAYOUT NOTES

- DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS AND STATIONING SHALL PREVAIL.
- EXISTING TOPOGRAPHICAL INFORMATION SHOWN IS BASED ON AN AERIAL SURVEY PERFORMED ON SEPTEMBER 22, 2021 BY WRIGHT-PIERCE UTILIZING A DJI MATRICE 210 & ZENMUSE X4S CAMERA. DATA WAS POST-PROCESSED UTILIZING GPS MAINE DOT NETWORK SOLUTIONS ON GCP'S & PIX4D, RESULTING IN AN AVERAGE GROUND SAMPLING DISTANCE OF 1.36CM/0.54IN. THE PROJECT IS ORIENTED TO GRID NORTH, NORTH AMERICAN DATUM OF 1983 (NAD 83), MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE-US FOOT.
- VERTICAL DATUM IS REFERENCED TO NAVD88 USING THE ABOVE MENTIONED RTK GPS NETWORK & LOCATING A USGS DISK ON THE BRIDGE ABUTMENT. ALL ELEVATIONS WERE ADJUSTED TO THE PUBLISHED ELEVATION OF SAID DISK.
- ALL PLAN DIMENSIONS AND LOCATIONS ARE APPROXIMATE.
- EXISTING SEWER INFRASTRUCTURE IS BASED ON AS-BUILT DATA PROVIDED BY WRIGHT-PIERCE AND THE GREAT SALT BAY SANITARY DISTRICT. AS-BUILT PLANS ARE INCLUDED IN APPENDIX "C" OF THE SPECIFICATIONS.
- A GEOTECHNICAL REPORT IS INCLUDED IN APPENDIX "A" OF THE SPECIFICATIONS.
- LAYOUT OF ALL CONSTRUCTION AND MAINTENANCE OF PROJECT BENCHMARKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- APPROXIMATE LIMIT OF WORK ON PLANS IS INTENDED TO SHOW GENERAL SCOPE OF THE WORK. ACTUAL LIMITS OF THE WORK ARE TO BE DETERMINED IN THE FIELD TO MEET PROJECT NEEDS AS DETERMINED BY THE OWNER AND THE ENGINEER.
- THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHTS OF WAY AND EASEMENTS. THE CONTRACTOR SHALL VERIFY THAT THE NECESSARY EASEMENTS HAVE BEEN SECURED BY THE OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH EASEMENT AS THEY APPLY TO THE WORK AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. COPIES OF ALL RIGHTS-OF-WAY AND EASEMENTS WILL BE AVAILABLE FOR REVIEW AT THE TOWN HALL, PRIOR TO NOTICE TO PROCEED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY HIS OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR LICENSED IN THE STATE OF MAINE. PROPERTY BOUNDS FOUND ARE SHOWN ON LAYOUT PLANS, THIS MAY NOT BE INCLUSIVE OF ALL BOUNDS THAT EXIST IN THE PROJECT AREA. IF ANY ADDITIONAL BOUNDS ARE FOUND, THE CONTRACTOR SHALL DOCUMENT THE LOCATION AND NOTIFY THE OWNER.
- THE FOLLOWING TIDAL AND FLOOD ELEVATION DATA IS BASED ON INFORMATION OBTAINED FROM MAINE DEP 2018 HIGHEST ANNUAL TIDE DATA AND FEMA PUBLISHED FLOOD MAPS. ALL ELEVATIONS ARE TO NAVD88 HAT - 6.10' FEMA 100 YR FLOOD ELEVATION - 10.00'

SITE DEMOLITION NOTES

- REFER TO THE EXISTING CONDITIONS AND DEMOLITION PLAN, DWG C-2, FOR LIMITS OF WORK AND SPECIFIC INFORMATION REGARDING DEMOLITION AND REMOVAL. THIS DRAWING IS FOR USE AS GENERAL GUIDANCE ONLY.
- REFER TO SPECIFICATION SECTION 01010, WHICH CONTAINS INFORMATION ON CONSTRAINTS OF CONSTRUCTION SEQUENCING.
- UNLESS OTHERWISE NOTED, THERE IS NO KNOWN ASBESTOS WITHIN THE AREA OF WORK. IF THE PRESENCE OF ASBESTOS IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER IMMEDIATELY. DISPOSAL OF ASBESTOS SHALL BE IN ACCORDANCE WITH STATE OF MAINE REGULATIONS.
- SEVERING OF EXISTING UTILITIES FOR ABANDONMENT, OR REMOVAL OF A SEGMENT FROM SERVICE, SHALL BE PERFORMED IN SUCH A MANNER AS TO ALLOW THE REMAINING ACTIVE SEGMENT TO CONTINUE IN ITS INTENDED SERVICE. CAP SERVICE SEGMENTS WITH APPROPRIATE FITTINGS, JOINT RESTRAINT, ETC. TO ENSURE THEIR INTEGRITY. PLUG ENDS OF ABANDONED PIPE SEGMENTS WITH CONCRETE UNLESS SPECIAL CIRCUMSTANCES DICTATE PLUGGING ABANDONED PIPES WITH BLIND FLANGES, RESTRAINED MECHANICAL JOINT CAPS, ETC. AS APPROPRIATE AND APPROVED BY THE OWNER AND THE GREAT SALT BAY SANITARY DISTRICT.
- ALL EXISTING PIPING AND UTILITIES WHICH ARE BENEATH PROPOSED STRUCTURES, AND ARE TO BE ABANDONED, SHALL BE REMOVED TO A MINIMUM OF 5 FEET OUTSIDE OF THE STRUCTURE. PIPE AND UTILITIES BENEATH PROPOSED STRUCTURES THAT ARE TO REMAIN SHALL BE CONCRETE ENCASED, UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL DEMOLISHED MATERIALS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS. THE OWNER RESERVES THE RIGHT TO RETAIN ANY SUCH MATERIALS DESIGNATED FOR DEMOLITION FOR HIS USE. SUCH MATERIALS TO BE RETAINED SHALL BE PROPERLY STORED IN AN ON-SITE LOCATION. COORDINATE LOCATION AND MATERIALS TO BE SALVAGED WITH THE OWNER.
- THE CONTRACTOR SHALL KEEP A RECORD OF DEMOLITION AS PART OF THE PROJECT RECORD DOCUMENTS IN ACCORDANCE WITH SPECIFICATION SECTION 01720.

UTILITY NOTES

- ALL UTILITY COVERS, CATCH BASINS, MANHOLES, VALVE BOXES AND OTHER BURIED FACILITIES WITH SURFACE ACCESS SHALL BE ADJUSTED TO MATCH THE NEW PAVEMENT GRADE UNLESS OTHERWISE NOTED. THE RELOCATION OF UTILITY POLES WILL BE PERFORMED BY THE APPROPRIATE UTILITY OR ITS AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY IN EVERY WAY TO EXPEDITE SUCH ADJUSTMENTS. CONTRACTOR TO COORDINATE ALL UTILITY RELOCATION AND INSTALLATION WITH THE APPROPRIATE UTILITY COMPANY.
- ALL EXISTING WATER, SEWER AND STORM DRAIN LINES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE EXCEPT AS OTHERWISE INDICATED. ANY EXISTING WATER, SEWER AND STORM DRAIN LINES DAMAGED DURING CONSTRUCTION AND NOT NOTED TO BE REPLACED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
- IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO CENTRAL MAINE POWER, TIDEWATER AND TIME WARNER RESPECTIVELY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES. THE CONTRACTOR SHALL COORDINATE RELOCATION OF TELEPHONE POLES WITH CENTRAL MAINE POWER COMPANY AND OR TIDEWATER TELECOMMUNICATIONS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY VALVES AND/OR PRESSURE REDUCING VALVE STRUCTURES WITH THE GREAT SALT BAY SANITARY DISTRICT AND USE CAUTION IN WORKING IN THOSE AREAS.
- EXISTING UTILITIES WHICH ARE NOT BEING REPLACED UNDER THESE CONTRACT DRAWINGS ARE TO REMAIN IN SERVICE UNLESS OTHERWISE INDICATED.
- CONTRACTOR SHALL RE-SHAPE INVERTS AS REQUIRED WHEN CONNECTING INTO EXISTING MANHOLES.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE THAT ALL PROCESS FLOWS ARE MAINTAINED DURING CONSTRUCTION. GRAVITY OR PUMPED BYPASSES AND OTHER MEANS OF MAINTAINING FLOW SHALL BE SUBJECT TO THE REVIEW AND ACCEPTANCE OF THE ENGINEER. THE CONTRACTOR SHALL COORDINATE ANY TEMPORARY STOPPAGES OR BYPASSES WITH THE OWNER AND ENGINEER.
- PROVIDE 2" RIGID INSULATION IN 4' WIDTH SHEETS OVER WATER AND SEWER LINES WHERE THERE IS LESS THAN 2 FT VERTICAL DISTANCE BETWEEN SEWER OR WATER MAINS, AND STORM DRAIN PIPE AND BASIN STRUCTURES PLACED OVER OR ADJACENT TO THE RESPECTIVE UTILITIES, AS DIRECTED BY THE ENGINEER.
- NEW SERVICES SHALL BE 6" PVC PIPE UNLESS OTHERWISE INDICATED.
- ALL EXISTING SERVICES TO BE CAPPED AT THE EXISTING MAIN AS PART OF THE BASE BID.
- AS PART OF BID ALTERNATE, SERVICES TO BE CAPPED AT THE NEW SEWER CROSSING LOCATIONS AND THE ABANDONED PORTION OF THE MAIN SHALL BE CAPPED.

GRADING AND DRAINAGE NOTES

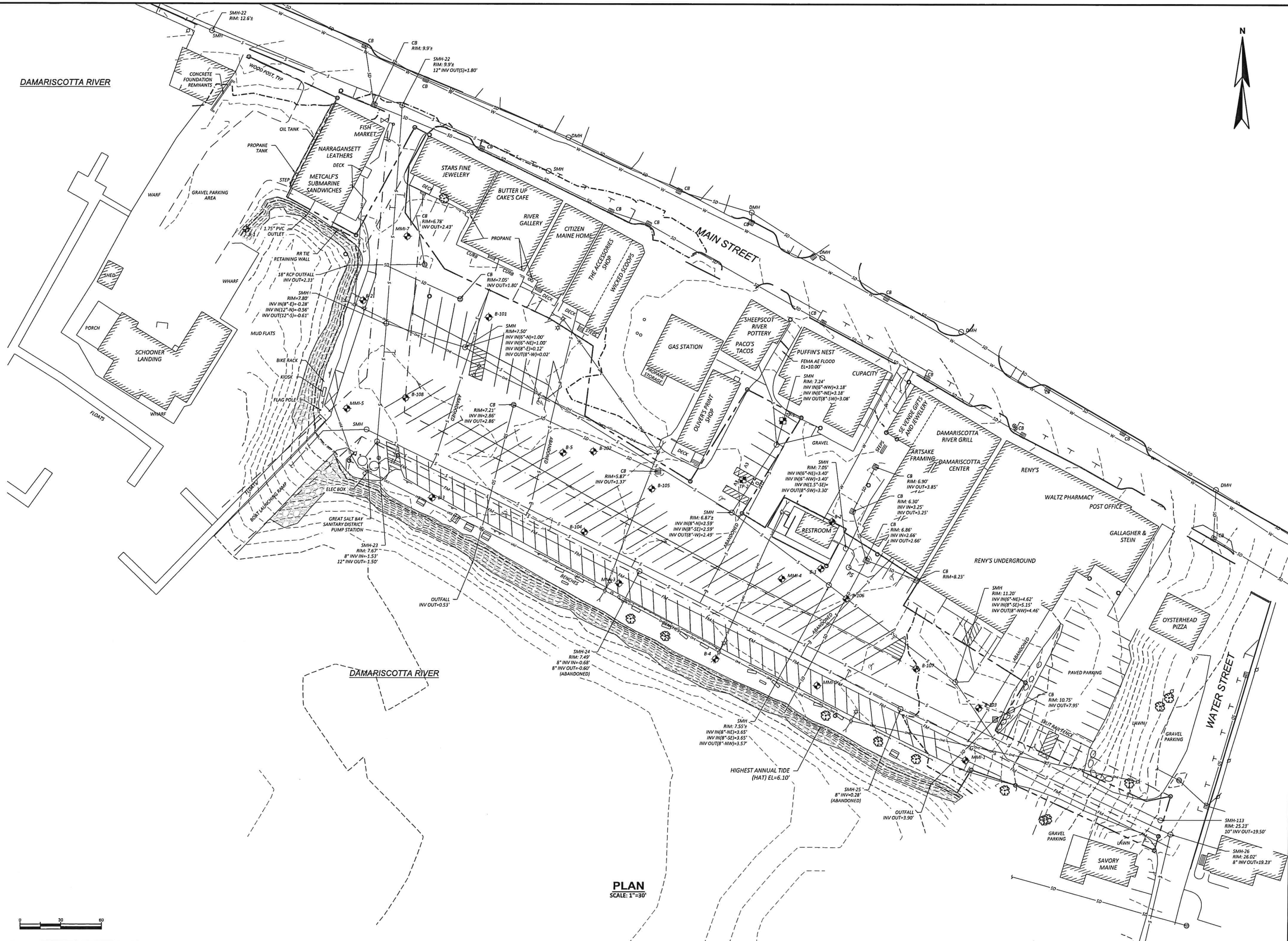
- ALL PROPOSED ROAD, DRIVE, PARKING AND SIDEWALK AREA SURFACES SHALL PITCH 1/4 INCH PER FOOT MINIMUM UNLESS OTHERWISE NOTED. ALL RECONSTRUCTED ROAD, DRIVE, PARKING AND SIDEWALK AREAS SHALL MATCH EXISTING SLOPE CONDITIONS UNLESS OTHERWISE NOTED.

LEGEND

EXISTING	PROPOSED

LAST SAVED BY: RYAN.BESAW 1/17/2023 11:23 AM

J:\ENG\ME\DMARISCOTTA\0455-DOWNFLOWFLOODPROTECTION-MUNIPARKING\DRAWINGS\0455\0455 C2 EXISTCOND.DWG | 20455 C2 EXISTCOND | 1:25:548 | 1/17/2023 7:15:25 PM | RYAN.BESAW



PLAN
SCALE: 1"=30'

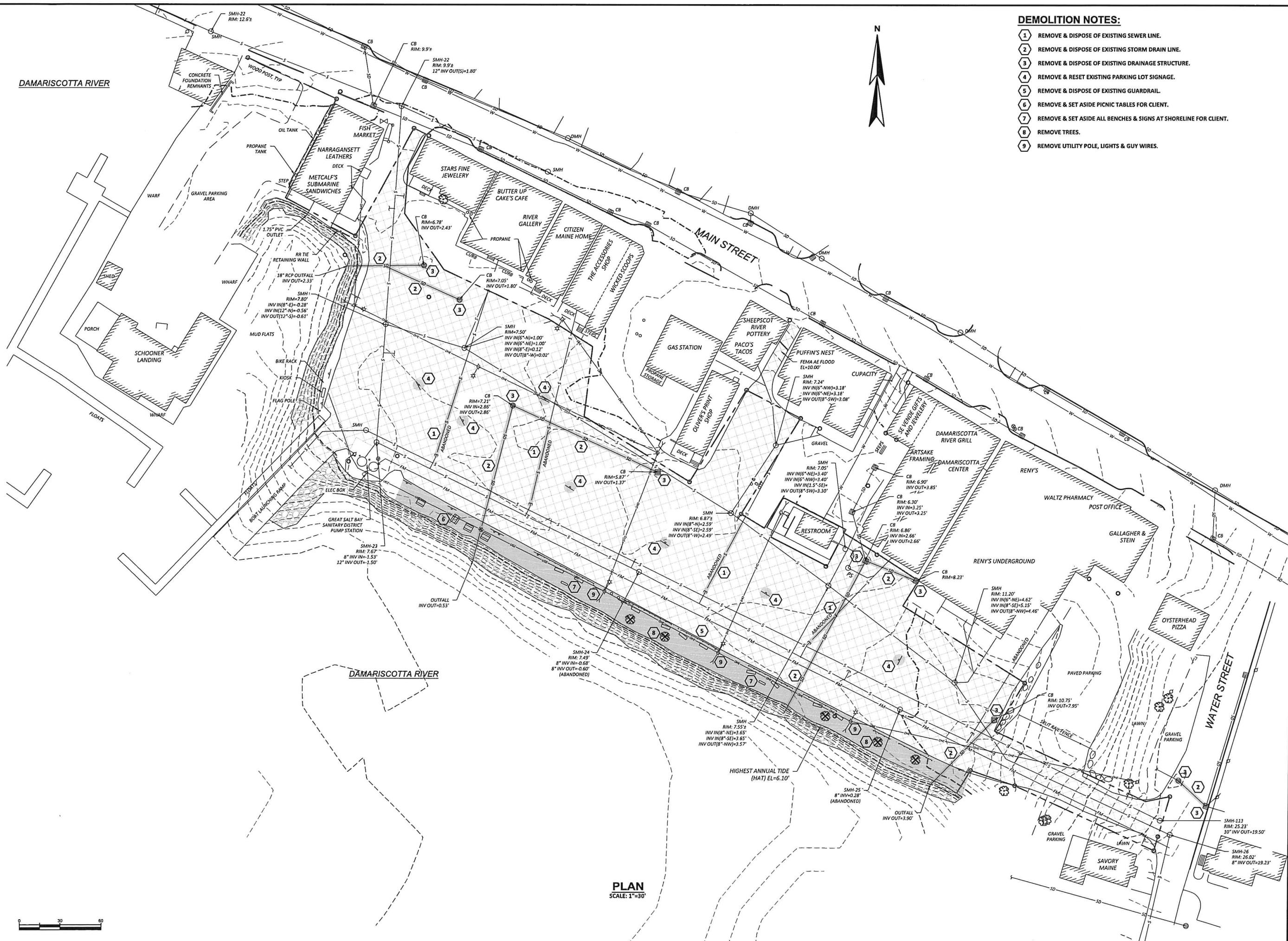
PROJECT NO: 2045		DESIGNED: L. REIMER	APPD DATE:
CAD COORD: R. BESAW		CAD: R. BESAW	
CHECKED: L. REIMER		DATE: 1-10-22	
APPROVED: J. WIGGAM		DATE: 1-10-22	
SUBMISSION: PROGRESS PRINT			
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(207) 725-8721 www.wright-pierce.com			
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TOWN OF DAMARISCOTTA DOWNTOWN FLOOD PROTECTION IMPROVEMENTS DAMARISCOTTA, MAINE		EXISTING CONDITIONS PLAN	
DRAWING		C-2	

DAMARISCOTTA RIVER



DEMOLITION NOTES:

- 1 REMOVE & DISPOSE OF EXISTING SEWER LINE.
- 2 REMOVE & DISPOSE OF EXISTING STORM DRAIN LINE.
- 3 REMOVE & DISPOSE OF EXISTING DRAINAGE STRUCTURE.
- 4 REMOVE & RESET EXISTING PARKING LOT SIGNAGE.
- 5 REMOVE & DISPOSE OF EXISTING GUARDRAIL.
- 6 REMOVE & SET ASIDE PICNIC TABLES FOR CLIENT.
- 7 REMOVE & SET ASIDE ALL BENCHES & SIGNS AT SHORELINE FOR CLIENT.
- 8 REMOVE TREES.
- 9 REMOVE UTILITY POLE, LIGHTS & GUY WIRES.



PLAN
SCALE: 1"=30'



NO	REVISIONS	DATE

PROJECT NO: 20459	DESIGNED: L. KREMER
CAD COORD: R. BEGAW	CHECKED: L. KREMER
DATE: 1-10-22	APPROVED: J. WEGMAN
SUBMISSION: PROGRESS PRINT	DATE: 1-10-22

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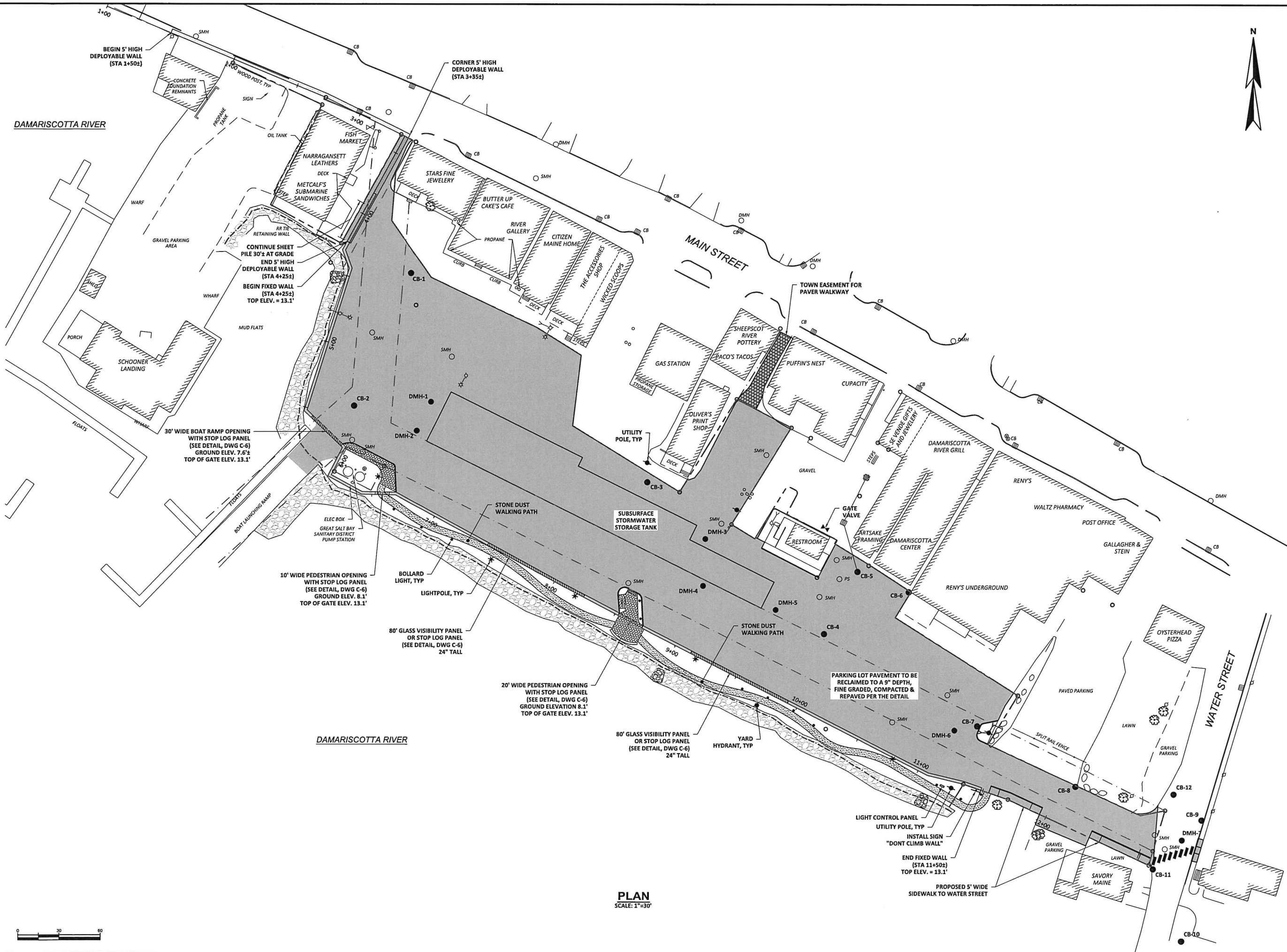
TOWN OF DAMARISCOTTA
 DOWNTOWN FLOOD PROTECTION IMPROVEMENTS
 DAMARISCOTTA, MAINE

DEMOLITION PLAN

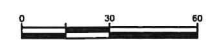
DRAWING
C-3

LAST SAVED BY: RYAN BRESNAW 1/7/2022 11:37 AM

J:\PROJECTS\2025\2025-DOWN-TOWN-FLOOD-PROTECTION-MUNICIPAL-DRAWINGS\CAD\2025-C4-SITE-LAYOUT.DWG | 1/10/2022 7:16:22 PM | RYAN BRESNAW



PLAN
SCALE: 1"=30'



PROJECT NO: 2025		DESIGNED: J. WIEGMAN	CAD COORD: R. BRESNAW	CHECKED: J. WIEGMAN	DATE: 1-10-22	APPROVED: J. WIEGMAN	DATE: 1-10-22	SUBMISSION: PROGRESS PRINT
NO.		Δ	Δ	Δ	Δ	Δ	Δ	
REVISIONS								
APPD DATE								
TOWN OF DAMARISCOTTA DOWNTOWN FLOOD PROTECTION IMPROVEMENTS DAMARISCOTTA, MAINE		 (207) 725-8721 www.wright-pierce.com 11 BONDWOOD HILL BLVD., TOPSHAM, ME 04866						PROPOSED SITE LAYOUT PLAN
DRAWING		C-4						



PLAN SCALE: 1"=30'

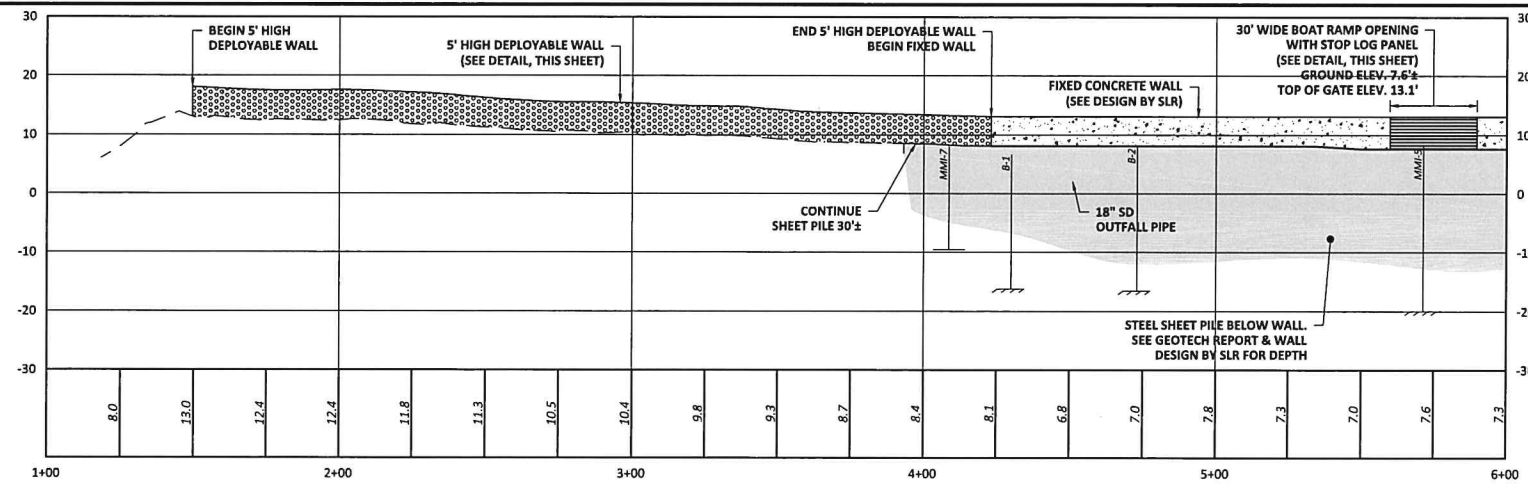
NO	REVISIONS	APPD	DATE

PROJECT NO: 20455
 DESIGNED: J.WIEGMAN
 CAD COORD: R.BESAW
 CAD: R.BESAW
 CHECKED: J.WIEGMAN
 DATE: 1-10-22
 APPROVED: J.WIEGMAN
 DATE: 1-10-22
 SUBMISSION: PROGRESS PRINT

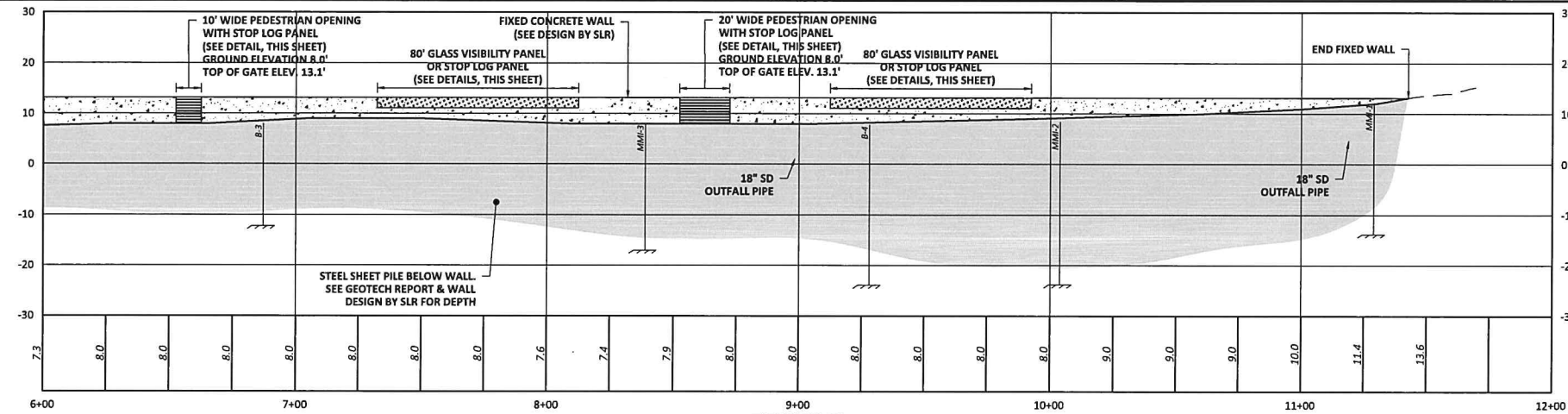
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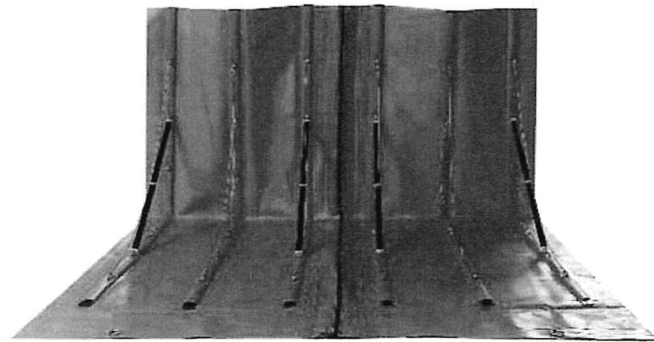
TOWN OF DAMARISCOTTA
 DOWNTOWN FLOOD PROTECTION IMPROVEMENTS
 DAMARISCOTTA, MAINE
 PROPOSED GRADING & DRAINAGE PLAN
 DRAWING C-5



PROFILE
SCALE
HORZ: 1"=30'
VERT: 1"=15'



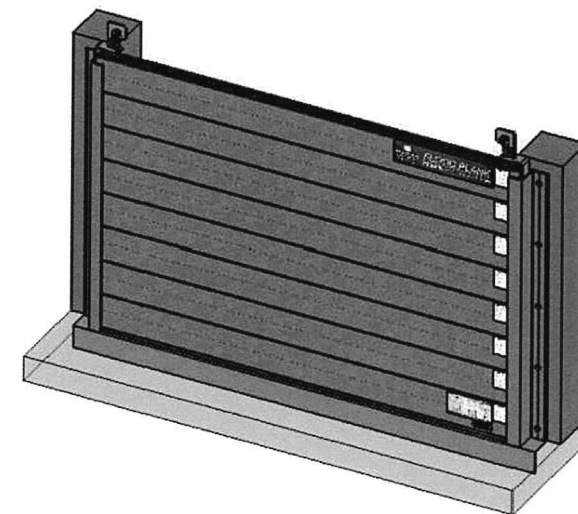
PROFILE
SCALE
HORZ: 1"=30'
VERT: 1"=15'



5' HIGH DEPLOYABLE WALL
SCALE: 'NTS'



GLASS VISIBILITY PANEL
SCALE: 'NTS'



STOP LOG PANEL
SCALE: 'NTS'

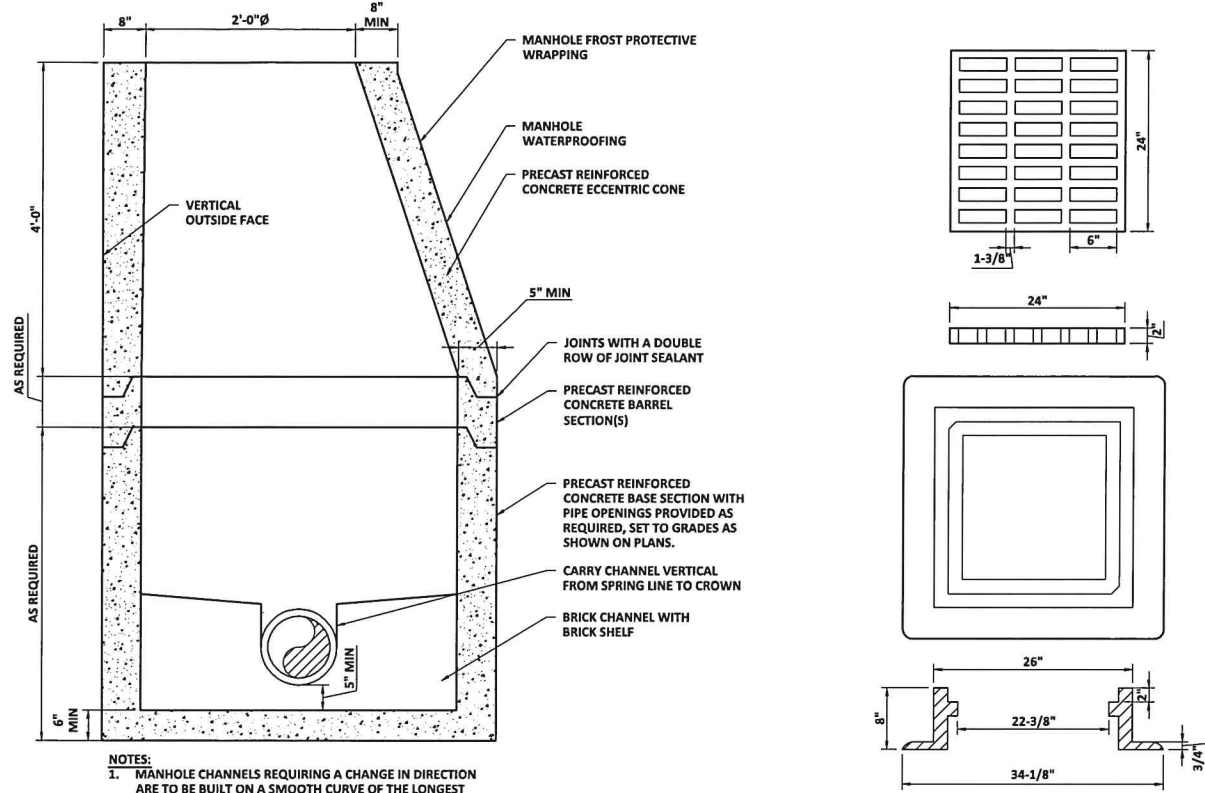
NO	REVISIONS	APPD	DATE

PROJECT NO: 20459
 DESIGNED: J.WRIGHTMAN
 CAD COORD: R.BESAW
 CAD: R.BESAW
 CHECKED: J.WRIGHTMAN
 DATE: 5-10-22
 APPROVED: J.WRIGHTMAN
 DATE: 5-10-22
 SUBMISSION: PROGRESS PRINT

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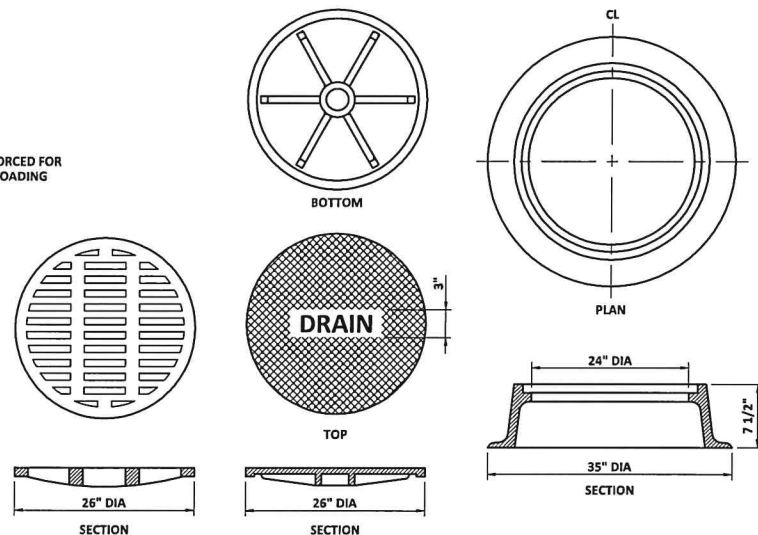
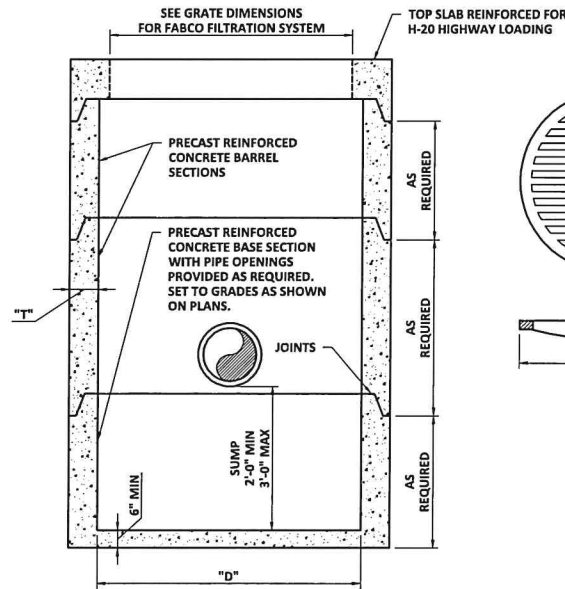
TOWN OF DAMARISCOTTA
 DOWNTOWN FLOOD PROTECTION IMPROVEMENTS
 DAMARISCOTTA, MAINE



- NOTES:**
- MANHOLE CHANNELS REQUIRING A CHANGE IN DIRECTION ARE TO BE BUILT ON A SMOOTH CURVE OF THE LONGEST POSSIBLE RADIUS. IF SIDE PIPES ENTER CHANNEL, SHAPE TO RECEIVE ADDED SIDE FLOW.
 - USE A FLAT SLAB TOP MANHOLE WHEN THE HEIGHT DIFFERENCE BETWEEN THE HIGHEST INVERT AND RIM IS LESS THAN 6'-0" AND WHEN MANHOLE DIAMETER IS GREATER THAN 4'-0".

FRAME AND COVER FOR TYPE "A" CATCH BASIN
SCALE: NTS

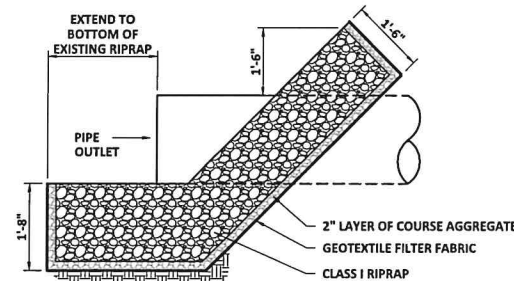
TYPICAL 4-FT MANHOLE
SCALE: "NTS"



CATCH BASIN & MANHOLE STANDARD COVER AND FRAME
SCALE: NTS

DIAMETER ("D")	MAX PIPE DIAMETER STRAIGHT THRU TO 45° DEFLECTION	MINIMUM WALL THICKNESS ("T")
48"	UP TO 30" O.D.	5"
60"	UP TO 44" O.D.	6"
72"	UP TO 51" O.D.	7"
96"	UP TO 72" O.D.	9"

FLAT SLAB TOP CATCH BASIN
SCALE: "NTS"



NOTE:
RIPRAP WIDTH SHALL BE EQUAL TO THE PIPE OUTSIDE Ø PLUS 4 FEET CENTERED ON PIPE

PIPE OUTLET RIPRAP
SCALE: NTS

NO	REVISIONS	APPD	DATE

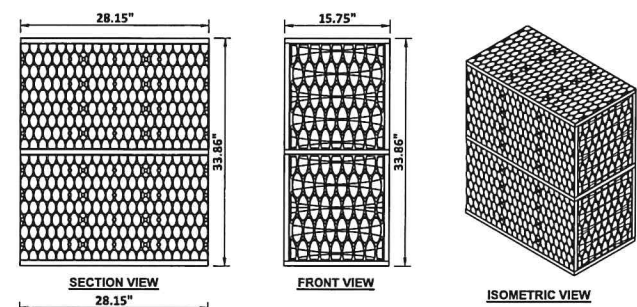
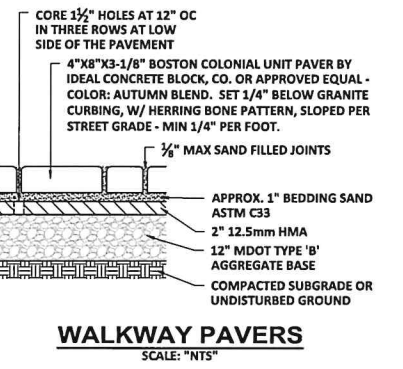
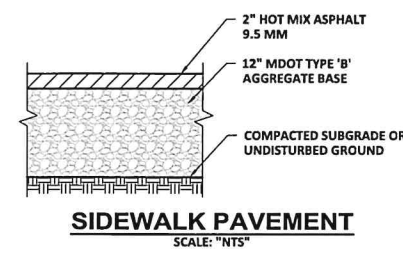
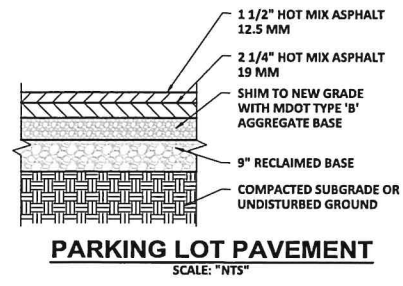
PROJECT NO: 2049
 DESIGNED: J.WEIGMAN
 CAD COORD: R.BESAW
 CAD: R.BESAW
 CHECKED: J.WEIGMAN
 DATE: 1-10-22
 APPROVED: J.WEIGMAN
 DATE: 1-10-22
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TOWN OF DAMARISCOTTA
 DOWNTOWN FLOOD PROTECTION IMPROVEMENTS
 DAMARISCOTTA, MAINE

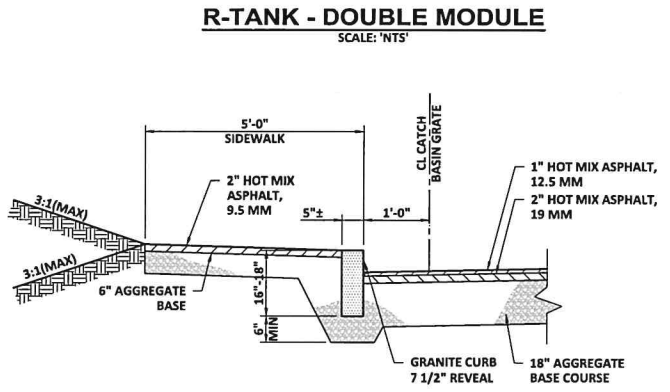
DETAILS I



GEOMETRY: LENGTH = 28.15 IN. (715 MM)
WIDTH = 15.75 IN. (400 MM)
HEIGHT = 33.86 IN. (860 MM)
TANK VOLUME = 8.69 CF
STORAGE VOLUME = 8.25 CF
VOID INTERNAL VOLUME: 95%
VOID SURFACE AREA: 90%

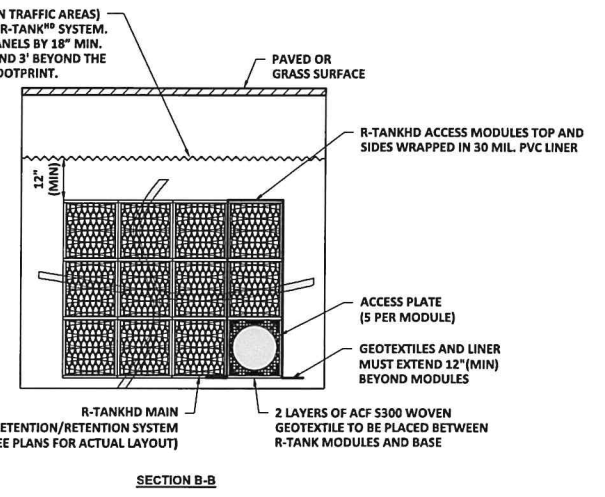
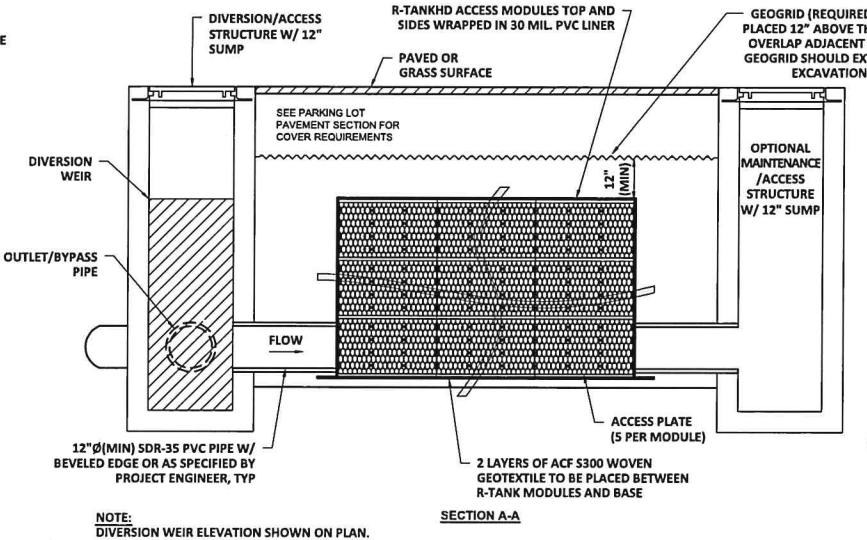
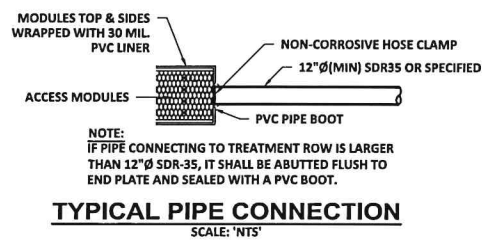
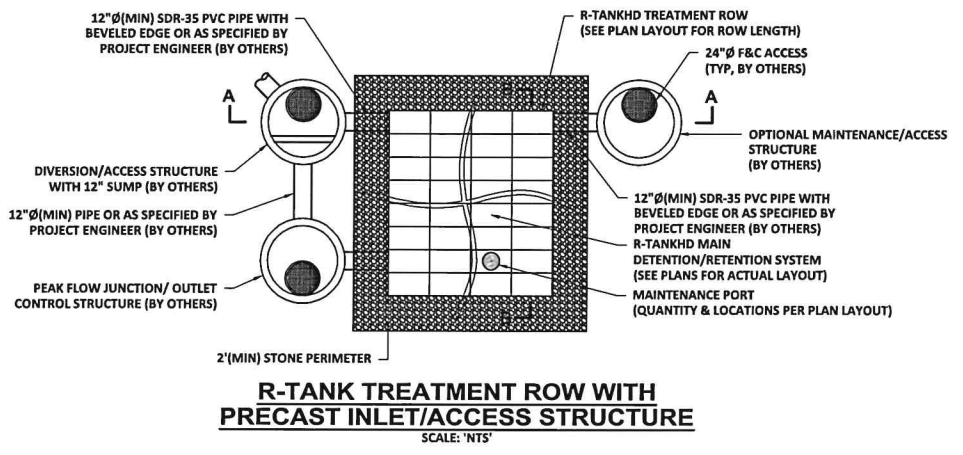
LOAD RATING: 33.4 PSI (MODULE ONLY) HS25,
MATERIAL: 100% RECYCLED POLYPROPYLENE

SMALL PLATES PER SEGMENT/TOTAL: 5/10



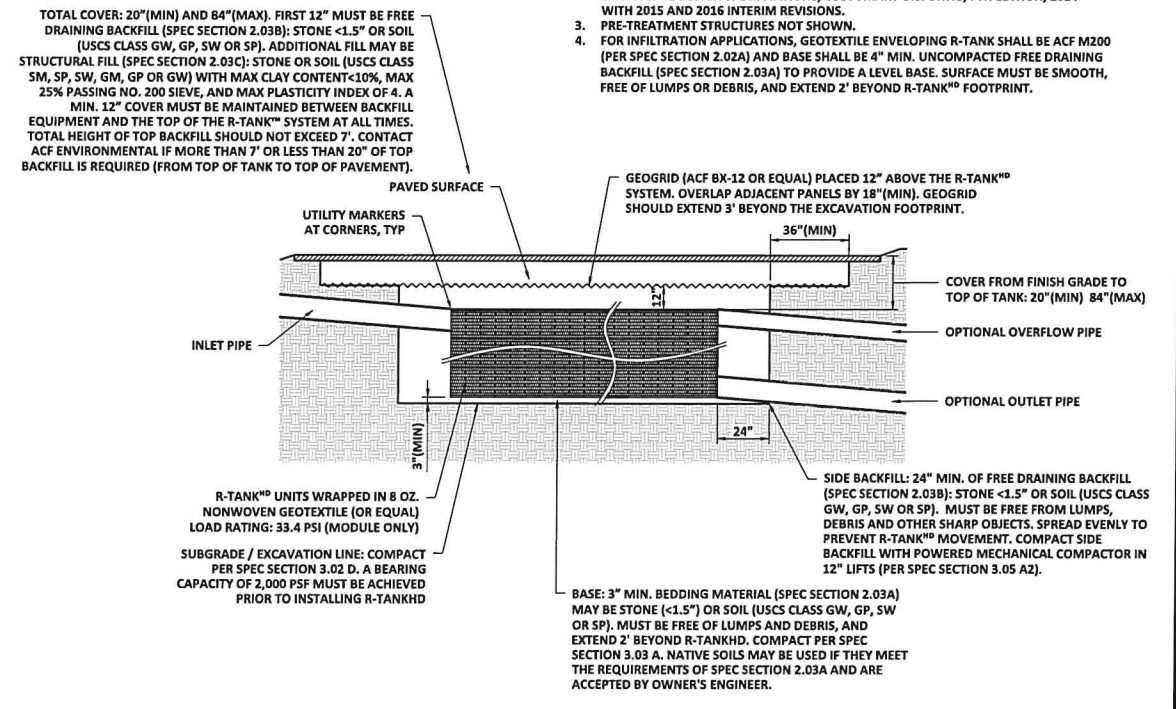
SIDEWALK WITH GRANITE CURB
SCALE: NTS

NOTE: PROVIDE HANDICAP RAMPS AT SITE ENTRANCE.



NOTE: DIVERSION WEIR ELEVATION SHOWN ON PLAN.

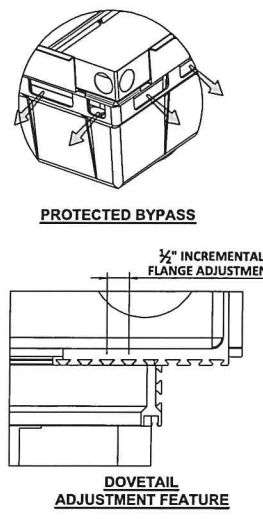
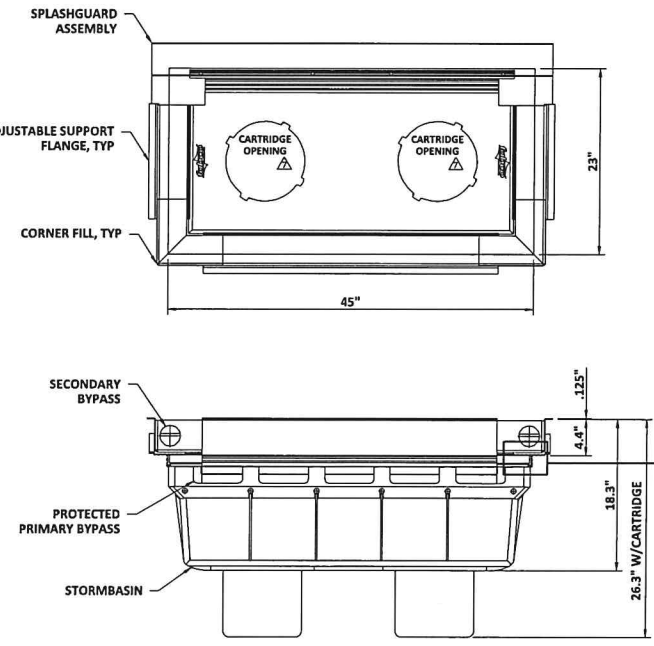
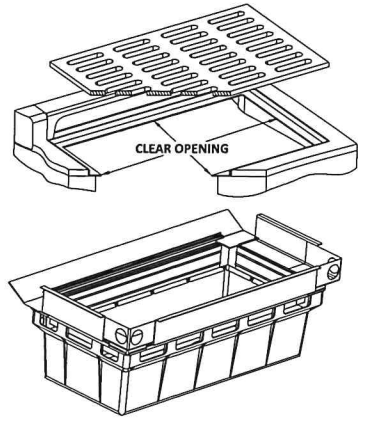
R-TANK TREATMENT ROW
SCALE: "NTS"



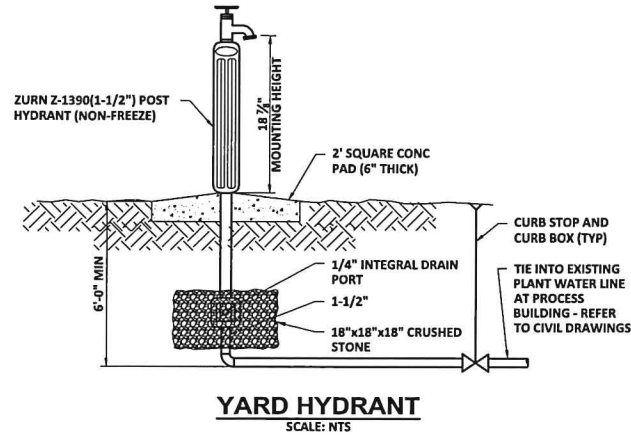
NOTES:

- FOR COMPLETE MODULE DATA, SEE APPROPRIATE R-TANK[®] MODULE SHEET.
- INSTALLATIONS PER THIS DETAIL MEET GUIDELINES OF HL-93 LOADING PER THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, CUSTOMARY U.S. UNITS, 7TH EDITION, 2014 WITH 2015 AND 2016 INTERIM REVISIONS.
- PRE-TREATMENT STRUCTURES NOT SHOWN.
- FOR INFILTRATION APPLICATIONS, GEOTEXTILE ENVELOPING R-TANK SHALL BE ACF M200 (PER SPEC SECTION 2.02A) AND BASE SHALL BE 4" MIN. UNCOMPACTED FREE DRAINING BACKFILL (SPEC SECTION 2.03A) TO PROVIDE A LEVEL BASE. SURFACE MUST BE SMOOTH, FREE OF LUMPS OR DEBRIS, AND EXTEND 2' BEYOND R-TANK[®] FOOTPRINT.

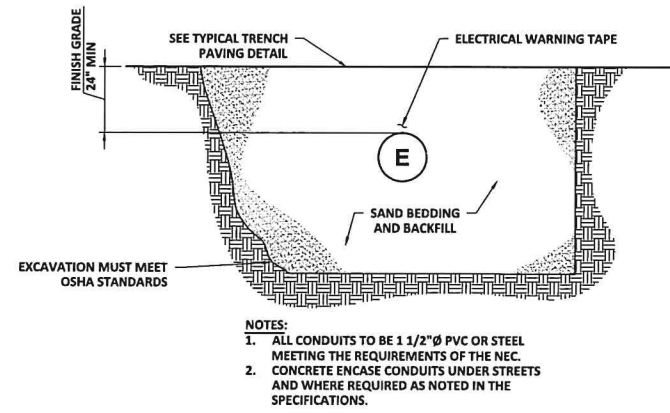
- NOTES:**
- WEIGHT (EMPTY): 55 LB MAX, NO CARTRIDGES
 - MATERIAL:
 - A) ADJUSTABLE FLANGE AND DEFLECTOR: ALUMINUM ALLOY 6063-T6
 - B) SPLASH GUARD: NEOPRENE RUBBER, 80 DUROMETER
 - C) BASIN (PLASTIC): POLYPROPYLENE POLYETHYLENE COPOLYMER
 - D) CORNER FILLER: ALUMINUM ALLOY: 5052-H32
 - E) SUPPORT HARDWARE: CRES 300 SERIES
 - PERFORMANCE CHARACTERISTICS (TYP):
 - A) DEBRIS CAPACITY: 6.9 CU-FT
 - B) FILTERED FLOW RATE (CLEAN STANDARD CARTRIDGE): 230 GPM (0.51 CFS)
 - C) PRIMARY BYPASS FLOW RATE: 2064 GPM (4.6 CFS)
 - D) SECONDARY BYPASS FLOW RATE: 164 GPM (W.37 CFS)
 - E) TOTAL BYPASS FLOW RATE: 2228 GPM (5.0 CFS)
 - CLEAR OPENING RANGE (0.5 INCH INCREMENTS):
 - A) MINIMUM SIZE: 23.0 x 45.0
 - B) MAXIMUM SIZE: 28.0 x 50.0
 - RECOMMENDED MINIMUM VAULT DEPTH 2-IN BELOW CARTRIDGE
 - TYPICAL INSTALLATION: REMOVE STORM GRATE, MEASURE CATCH BASIN FRAME CLEAR OPENING AND ADJUST FLANGES TO REST ON GRATE SUPPORT LEDGE. INSTALL STORMBASIN INSERT WITH RUBBER SPLASH GUARD EXTENDING INTO THE CURB-BOX AND VERIFY THE ADJUSTABLE FLANGES ARE SECURELY RESTING ON THE GRATE SUPPORT LEDGES. INSTALL CORNER FILLER PIECES. REIN ST ALL THE STORM GRATE DIRECTLY ON THE STORMBASIN SUPPORT FLANGES.
 - USE ONLY WITH FABCO REPLACEABLE MEDIA CARTRIDGES.



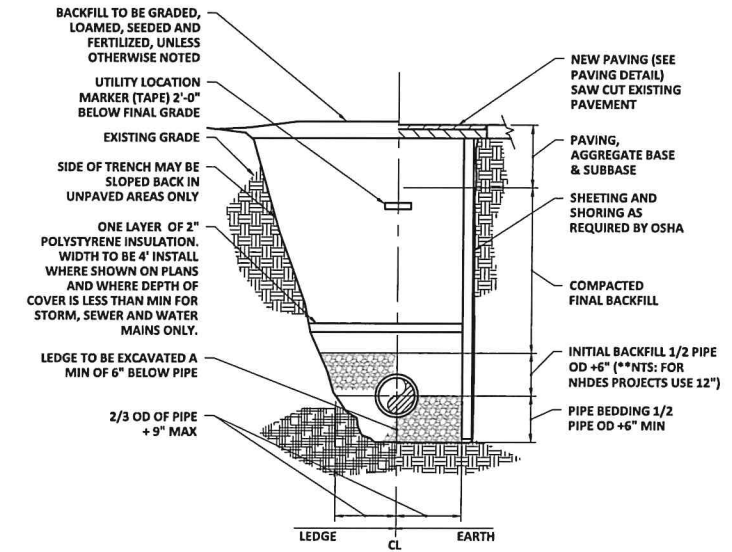
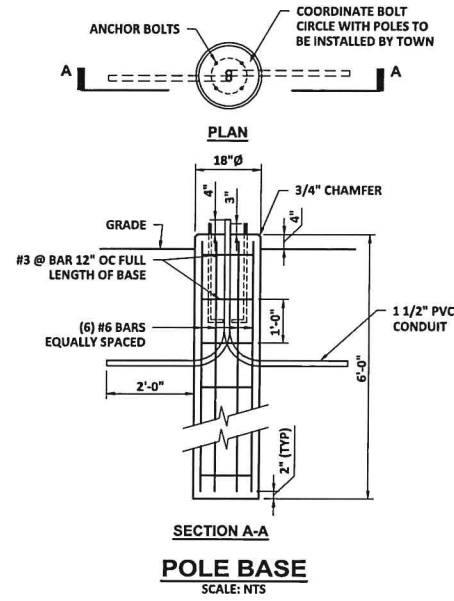
APPD	DATE				
REVISIONS					
NO	DATE	BY	CHKD	APPD	DESCRIPTION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
PROJECT NO: 20493 DESIGNED: J.WRIGHTMAN CAD COORD: R.BEGAW CAD: R.BEGAW CHECKED: J.WRIGHTMAN DATE: 1-10-22 APPROVED: J.WRIGHTMAN DATE: 1-10-22 SUBMISSION: PROGRESS PRINT					
PROGRESS PRINT					
 TOWN OF DAMARISCOTTA DOWNTOWN FLOOD PROTECTION IMPROVEMENTS DAMARISCOTTA, MAINE					
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DRAWING C-9					



NOTE TO DESIGNER:
SOME STATES REQUIRE THAT THE DRAIN PORTS MAY NEED TO BE PLUGGED, ESPECIALLY IF PW IS NOT CHLORINATED.
COORDINATE WITH ENGINEER



NOTES:
1. ALL CONDUITS TO BE 1 1/2" Ø PVC OR STEEL MEETING THE REQUIREMENTS OF THE NEC.
2. CONCRETE ENCASE CONDUITS UNDER STREETS AND WHERE REQUIRED AS NOTED IN THE SPECIFICATIONS.



NOTES:
1. ALL EXCAVATION MUST MEET OSHA STANDARDS.
2. INSTALL 3 FOOT LONG IMPERVIOUS MATERIAL DAM IN BEDDING/INITIAL BACKFILL MATERIAL EVERY 100' AND WHERE SHOWN ON PLANS TO PREVENT TRENCH GROUNDWATER FROM BEING CHANNELLED ALONG BEDDING/INITIAL BACKFILL.
3. SEE SPECIFICATIONS FOR BEDDING AND BACKFILL REQUIREMENTS.

NO	REVISIONS	APPD	DATE

PROJECT NO: 20459	DESIGNED: J. WRIGHTMAN
CAD COORD: R. BESAW	CAD: R. BESAW
CHECKED: J. WRIGHTMAN	DATE: 1-10-23
APPROVED: J. WRIGHTMAN	DATE: 1-10-23
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TOWN OF DAMARISCOTTA
DOWNTOWN FLOOD PROTECTION IMPROVEMENTS
DAMARISCOTTA, MAINE

DETAILS III

LAST SAVED BY: SASTEWART 1/10/2022 3:05 PM

MATERIALS SCHEDULE

A OYSTER SHELL

CONTRACTOR TO PROVIDE LOCAL SOURCE FOR APPROVAL

B SOD

AS MANUFACTURED BY WINDING BROOK TURF FARM (860) 529-6869
TYPE: CONTRACTOR TO PROVIDE SEED AVAILABILITY. SOD MUST BE ABLE TO GROW IN FULL SUN / SALT SPRAY

C BRICK PAVERS

AS MANUFACTURED BY IDEAL CONCRETE BLOCK CO. (800) 444-7287
STYLE: BOSTON COLONIAL UNIT PAVER
COLOR: AUTUMN BLEND
PATTERN: HERRINGBONE
SIZE: 4" X 8"
(SEE CIVIL DETAILS)

D STABILIZED DECOMPOSED GRANITE

AS MANUFACTURED BY REED CUSTOM SOILS CONTACT MARK PENDERGAST (617) 686-5590
COLOR: BEIGE

PICNIC TABLE

AS MANUFACTURED BY POLYWOOD (855) 835-5550
STYLE: PARK 72" PICNIC TABLE
COLOR: SLATE GREY
QTY: 6

BIKE RACK

AS MANUFACTURED BY MADRAX (800) 448-7931
STYLE: FISH RACK
COLOR: MIDNIGHT BLUE
QTY: 3

ADIRONDACK CHAIRS

AS MANUFACTURED BY POLYWOOD (855) 835-5550
STYLE: SOUTH BEACH CASUAL CHAIR
COLOR: PACIFIC BLUE
QTY: 24

NOTE: ADIRONDACK CHAIRS ARE TO BE ENGRAVED BY THE MANUFACTURER. NAMES ARE TO MATCH THOSE FOUND ON EXISTING BENCHES. CONTRACTOR TO COORDINATE WITH MANUFACTURERS.

LIGHTING LEGEND

POLE LIGHT

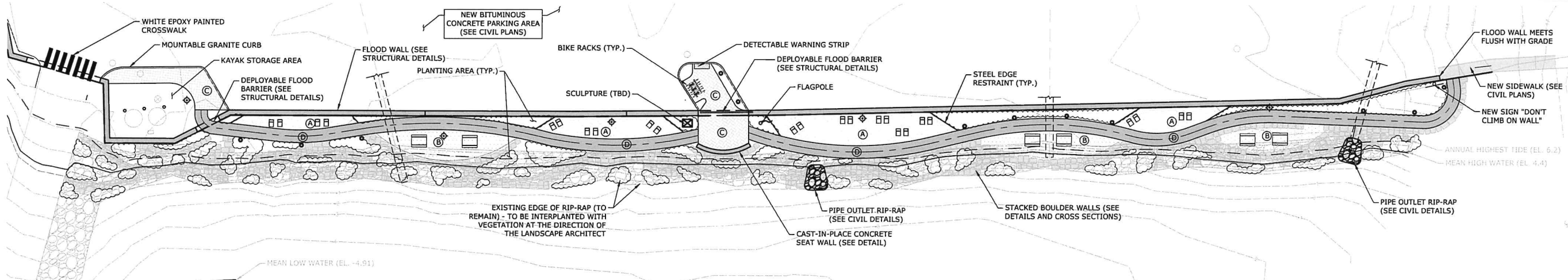
AS MANUFACTURED BY LUMEC (800) 555-0050
STYLE: CANDELA LED PENDANT (CAND3)
COLOR: BLACK
QTY: 5

LIGHT BOLLARD

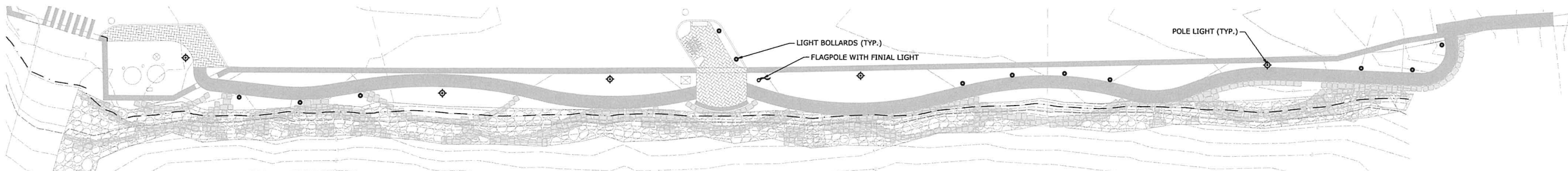
AS MANUFACTURED BY LUMEC (800) 555-0050
STYLE: CANDELA BOLLARD
COLOR: BLACK
QTY: 12

FLAG POLE

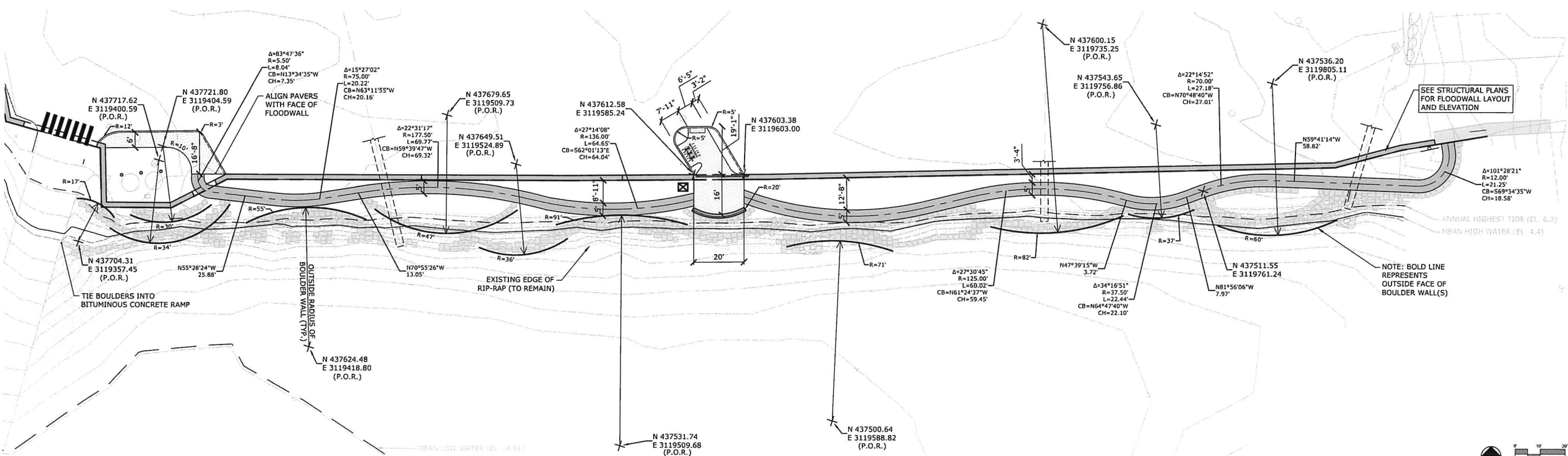
AS MANUFACTURED BY CONCORD AMERICAN FLAGPOLE (800) 527-3902
STYLE: ABW4-404P-SAT
INTERNAL HALYARD BEACON
4" QUAD PLUS LIGHT
BLACK FINISH
40 FT HEIGHT
QTY: 1



MATERIALS LAYOUT



LIGHTING LAYOUT



DIMENSIONAL LAYOUT

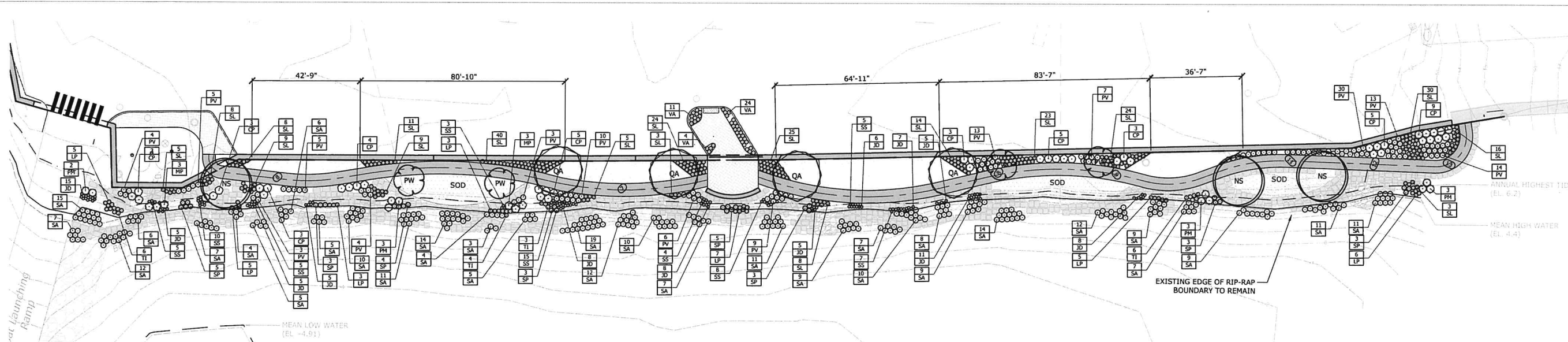
APPROVALS AND REVISIONS table with columns for NO, APPD, DATE, and REVISIONS. Includes project information: PROJECT NO: 20459, DESIGNED: JW, CAD COORD: JW, CHECKED: JW, DATE: 10-25-21, APPROVED: JW, DATE: 10-25-21, SUBMISSION: 60%.

PROGRESS PRINT



TOWN OF DAMARISCOTTA STORMWATER IMPROVEMENTS DAMARISCOTTA, MAINE
DRAWING LA-1
PARK & LIVING SHORELINE - MATERIALS AND DIMENSIONAL LAYOUT PLAN

W:\CAD\DWG\1541-00019-DT\CAD\DWG-MATERIALS.DWG | LA-1 | 1/10/2022 3:57:17 PM | SASTEWART



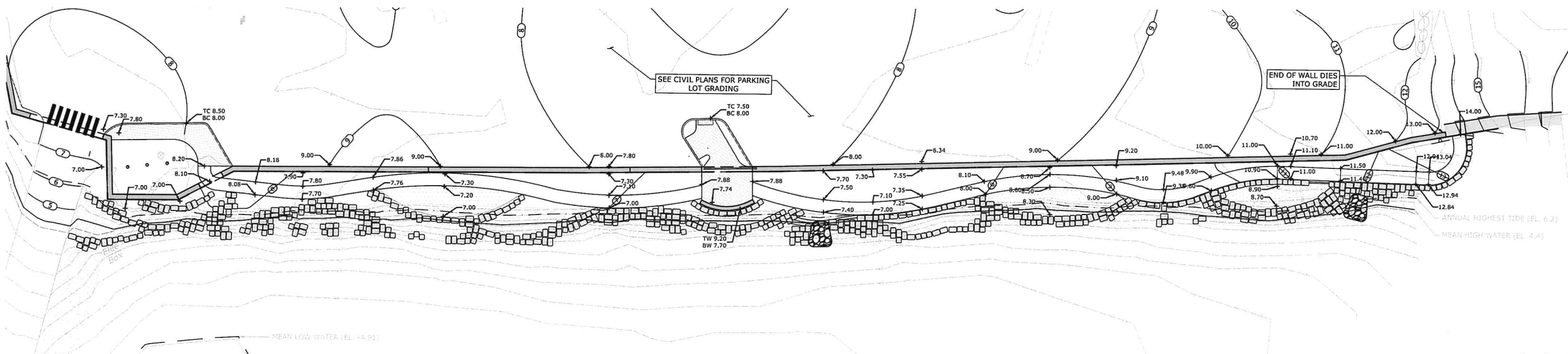
LANDSCAPE PLAN

PLANTING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT FITS.
2. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 6" MINIMUM DEPTH OF TOPSOIL FOR ALL LAWN AREAS. WATER AS NECESSARY TO ESTABLISH TURF. ALL PLANTING BEDS SHALL HAVE 12" MINIMUM DEPTH OF TOPSOIL.
3. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF SHREDDED CEDAR MULCH OVER ALL PLANTING BEDS AND TREE PLANTINGS. NO DYED MULCH SHALL BE ACCEPTED.
4. ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO AND AFTER PLANTING.
5. PLANT SPECIES MAY BE ADJUSTED BASED ON AVAILABILITY AT TIME OF PLANTING. ALL PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT AND THE TOWN OF DAMARISCOTTA.
6. ALL PLANT MATERIALS SHALL CARRY A FULL GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, TO INCLUDE PROMPT TREATMENT OR REMOVAL AND REPLACEMENT OF ANY PLANTS FOUND TO BE IN AN UNHEALTHY CONDITION BY THE LANDSCAPE ARCHITECT. ALL REPLACEMENTS SHALL BE OF THE SAME KIND AND SIZE OF PLANTS SPECIFIED IN THE PLANT LIST.
7. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTling PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
8. WHERE A SIZE RANGE IS SPECIFIED AT LEAST 50% OF PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
9. CONTRACTOR TO REMOVE TREE STAKES AFTER ONE GROWING SEASON.
10. PLACEMENT OF PLANTS ARE SUBJECT TO FINAL VERIFICATION IN THE FIELD BY THE DIRECTING LANDSCAPE ARCHITECT. QUANTITIES SHALL NOT BE REDUCED. ANY ADJUSTMENTS REQUIRE TOWN APPROVAL.
11. ALL TREES SHALL BE SOURCED AND PROPAGATED BY NEW ENGLAND OR MID-ATLANTIC NURSERIES
12. ALL SEED MIXES SHALL BE CERTIFIED BY THE GROWER TO NOT BE PRODUCED THROUGH GENETIC ENGINEERING.
13. ALL SOD SHALL BE SOURCED FROM AN ORGANIC FARM OR NURSERY.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
NS	3	Nyssa sylvatica	Tupelo	2.5"-3.0" Cal.
PW	4	Prunus serotina	Wild Black Cherry	1" Cal.
QA	4	Quercus alba	White Oak	2.5"-3.0" Cal.
MARITIME UPLAND	QTY	BOTANICAL NAME	COMMON NAME	SIZE
CP	43	Comptonia peregrina	Sweet Fern	1 GAL.
PV	126	Panicum virgatum	Switch Grass	1 GAL.
SL	265	Schizachyrium scoparium	Little Bluestem	1 GAL.
MARITIME SHRUB	QTY	BOTANICAL NAME	COMMON NAME	SIZE
MP	6	Myrica pensylvanica	Northern Bayberry	---
PM	11	Prunus maritima	Beach Plum	---
SS	62	Solidago sempervirens	Seaside Goldenrod	1 GAL.
HIGH MARSH PLATEAU	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JD	88	Juncus dudleyi	Dudley's Rush	1 GAL.
LP	34	Limonium platyphyllum	Sea Lavender	1 GAL.
SP	29	Spartina patens	Saltmeadow Cordgrass	1 GAL.
TI	19	Tridens strictus	Longspike Tridens	1 GAL.
VA	39	Vaccinium angustifolium	Lowbush Blueberry	1 GAL.
LOW MARSH	QTY	BOTANICAL NAME	COMMON NAME	SIZE
SA	289	Spartina alterniflora	Salt Marsh Grass	1 GAL.



GRADING PLAN

NO	REVISIONS	APPD	DATE
1			
2			
3			
4			
5			

PROJECT NO:	DESIGNED BY:	CAD COORD:	CAD:	CHECKED:	DATE:	APPROVED:	DATE:	SUBMISSION:
	JW							

PROGRESS PRINT



TOWN OF DAMARISCOTTA
 STORMWATER IMPROVEMENTS
 DAMARISCOTTA, MAINE

PARK & LIVING SHORELINE - LANDSCAPE AND GRADING PLANS

SEDIMENT & EROSION CONTROL SPECIFICATIONS

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSES, WATERBODIES, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

- 1. THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
a. THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
b. THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
c. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
d. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
e. EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
f. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
g. PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

GENERAL:

- 1. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
2. UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
4. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

MATERIAL:

- 1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSILT MATERIAL, AND MUST BE FREE OF STONES LARGER THAN 1.25" LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS.
4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSILT MATERIAL.
5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PPM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT.
6. THE pH SHOULD BE 5.5 TO 7 IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.
7. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.

TEMPORARY VEGETATIVE COVER

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PROTECT SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

GENERAL:

- 1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF TWO (2) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
4. APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10 (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX INCHES (6") HIGH. APPLY ONLY WHEN GRASS IS DRY.
5. UNLESS HYDROSEEDING, WORK IN LINE AND FERTILIZE TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.
7. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING).
8. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
9. UNLESS HYDROSEEDING, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
10. MULD IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW OR MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE HEADED.

VEGETATIVE COVER SELECTION & MULCHING

TEMPORARY VEGETATIVE COVER:

- PERENNIAL RYEGRASS 5 LBS./1,000 SQ. FT. (EGLUJH PERMANE)
TEMPORARY MULCHING:
CLEAN DRY STRAW OR HAY FREE OF WEEDS WITH A MULCH TACKIFIER 70-90 LBS./1,000 SQ. FT. (TEMPORARY VEGETATIVE AREAS)
WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.
ESTABLISHMENT:
1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. ABOVE).
3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
4. COVER GRASSES AND LEGUMES SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION ABOVE).
6. USE PROPER INCLOSURE ON ALL LIQUIDE SEEDINGS. USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
7. USE 500 WGT. THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

EROSION CHECKS

GENERAL:

- 1. TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.
CONSTRUCTION:
1. BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4) INCHES.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF SIX INCHES (6") TO THE SOIL. STAKES BETWEEN SECTIONS OF FILTER FABRIC SHALL COVER A MINIMUM OF TWO FEET (2').
INSTALLATION AND MAINTENANCE:
1. BALLED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
2. BALLED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DETERMINED APPROPRIATE DURING CONSTRUCTION.
3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
4. INSPECTION SHALL BE FREQUENT (PER TABLE BELOW) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED EROSION CONTROL MEASURES.

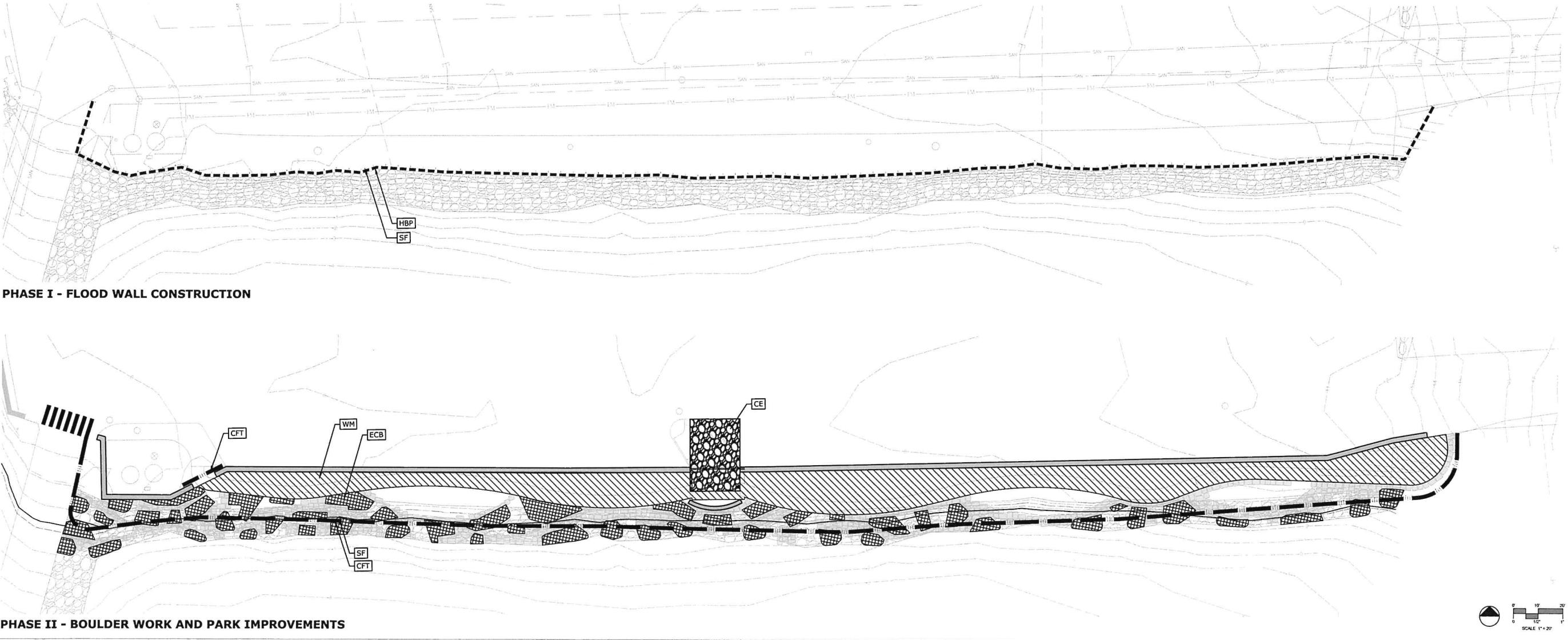
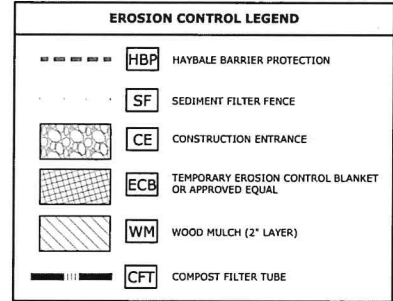
SEDIMENT & EROSION NOTES

GENERAL:

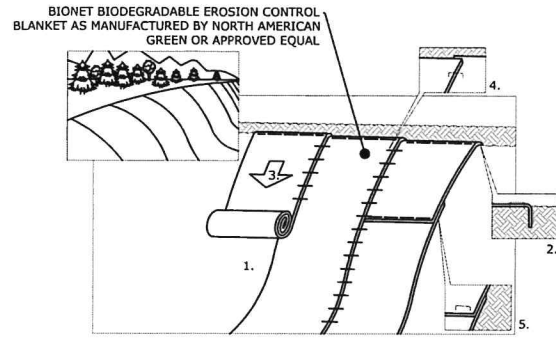
- 1. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
2. CLEARING OF VEGETATION FOR CONSTRUCTION ACCESS SHOULD BE MINIMIZED.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR WILL VERIFY THE MAINTENANCE WEEKLY AND AFTER RAIN EVENTS AND REPORT TO THE PROJECT ENGINEER.
4. THE PROJECT ENGINEER IS TO BE NOTIFIED IMMEDIATELY IF EXCESSIVE SEDIMENT EROSION TAKES PLACE, IF SIGNIFICANT FINE GRAIN SEDIMENT IS ENCOUNTERED OR IF POTENTIALLY CONTAMINATED SEDIMENTS ARE ENCOUNTERED (DARK, DARK COLOR, CHEMICAL GORE).
5. PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS.
6. THE CONTRACTOR SHALL MINIMIZE THE WASTING OF SEDIMENT INTO THE RIVER. AT THE DISCRETION OF THE PROJECT ENGINEER, A SILT FENCE MAY BE REQUIRED DURING SOME EXCAVATION WORK. NOTE THAT DIGGING IN THE ACTIVELY FLOWING WATER IS NOT ANTICIPATED.
7. WORK SHALL PROGRESS IN STAGES TO MINIMIZE EXPOSED AREAS AND DISTURBED EARTH. NO MORE THAN TWO (2) ACRES OF DISTURBED EARTH WILL BE ALLOWED AT ANY ONE TIME.
8. NO DISTURBED EARTH SHALL REMAIN EXPOSED FOR MORE THAN SEVEN (7) CONSECUTIVE DAYS WITHOUT APPLYING TEMPORARY OR PERMANENT STABILIZATION MEASURES.
9. EXPOSED AREAS SHALL BE SEEDING OR MULCHED OR PROTECTED WITH EROSION CONTROL MATTING WITHIN 48 HOURS OF ACHIEVING FINAL GRADE.
10. STOCKPILE AREAS TO BE ENCLOSED BY SILT FENCING.
11. THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROLS UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
12. TEMPORARY SWALES AND SEDIMENT BASIN (USED AS NECESSARY) SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER. CLEAN THE SEDIMENT WHEN ACCUMULATION EXCEEDS ONE-HALF THE NET STORAGE CAPACITY OF THE SWALE OR BASIN OR WHEN THE DEPTH OF AVAILABLE STORAGE IS REDUCED TO 18 INCHES, OR ELLEVATOR 40' IN THE BASIN-WHICHEVER IS ACHIEVED FIRST.
13. SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER.
14. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE OWNERS DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.
15. INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPLETION WHEN RAINFALLS OF ONE (1) INCH OR MORE OCCUR.
16. ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.
17. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE TOWNS DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.
18. THE SITE SHOULD BE KEPT CLEAN OF LOOSE LITTER AND BUILDING MATERIALS SUCH AS THE NONE OF THE ABOVE ENTER WATER ON WETLANDS.
19. THE PROPERTY OWNER MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
20. ANY SLOPE 2:1 OR GREATER SHALL BE STABILIZED WITH EROSION CONTROL BLANKET.
21. ALL SLOPES SHALL BE IMMEDIATELY STABILIZED AFTER THEIR ESTABLISHMENT. INSTALL BANK PLANTINGS AS SOON AS POSSIBLE.
22. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AND BE PROPERLY MAINTAINED/REPLACED AS NECESSARY UNTIL PERMANENT STABILIZATION OF THE SITE IS ACHIEVED.
23. THE PROJECT SITE IS SUBJECT TO FLOODING INUNDATION UNDER HIGH FLOODS. THE CONTRACTOR SHALL CEASE WORK AND STABILIZE SITE IN THE EVENT THAT THE NATIONAL WEATHER SERVICE PREDICTS MORE THAN 1" OF RAINFALL IN A 24-HOUR PERIOD. THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS AND STABILIZE THE CONSTRUCTION SITE AND REMOVE EQUIPMENT FROM FLOOD PRONE AREAS IN THE EVENT OF FLOOD WARNINGS. ALL WORK SHALL BE PERFORMED DURING LOW WATER. A FLOOD CONTINGENCY AND EMERGENCY ACTION PLAN SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
24. ALL CUT AND FILL SLOPES SHALL BE SEEDING LOADED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

EROSION CONTROL MAINTENANCE INTERVALS

Table with 5 columns: EROSION CONTROL MEASURE, CONTROL OBJECTIVE, INSPECTION/MAINTENANCE, FAILURE INDICATORS, REMOVAL. Rows include Silt Fence (SF), Temporary Erosion Control Blanket (ECB), Construction Entrance, and Compost Filter Tube.



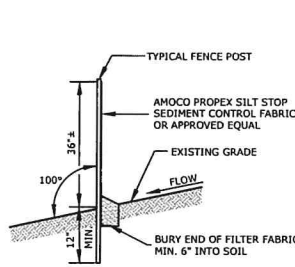
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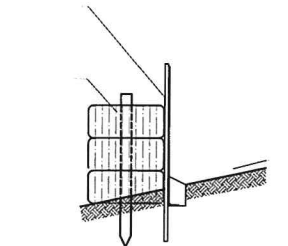
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAP AREA, APPROXIMATELY 12" APART.

REFER TO GENERAL STAPLE PATTERN GUIDE IN **NORTH AMERICAN GREEN CATALOG (OR APPROVED EQUAL)** FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

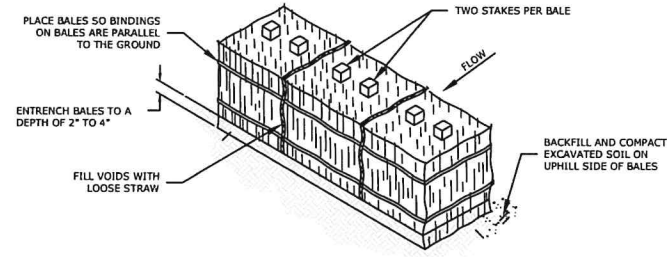
EROSION CONTROL MAT
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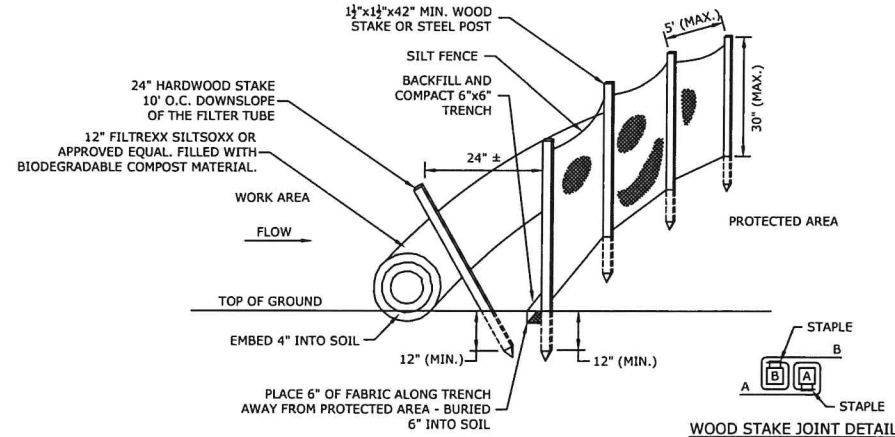
SEDIMENTATION FENCE
(SCALE: N.T.S.)



SEDIMENT FILTER FENCE AND HAY BALE
NOT TO SCALE



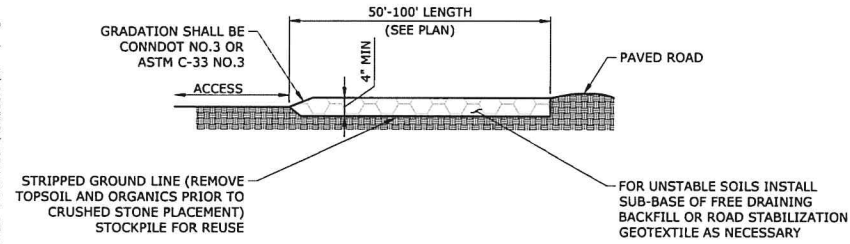
HAYBALE BARRIER PROTECTION
(SCALE: N.T.S.)



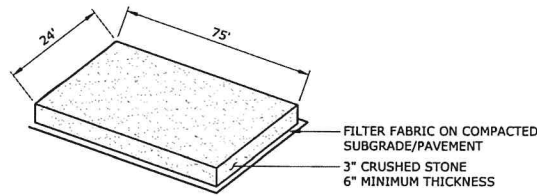
GENERAL NOTES

1. FOR SLOPE & SWALE INSTALLATIONS, EXTEND FENCE UP SLOPE SUCH THAT BOTTOM ENDS OF FENCE WILL BE HIGHER THAN THE TOP OF THE LOWEST PORTION OF FENCE.
2. FOR FENCE INSTALLED ON LEVEL TERRAIN INSTALL WING SECTIONS PERPENDICULAR TO MAIN BARRIER AT 50'-100' INTERVALS.

SILT FENCE BARRIER & COMPOST FILTER TUBE
NOT TO SCALE



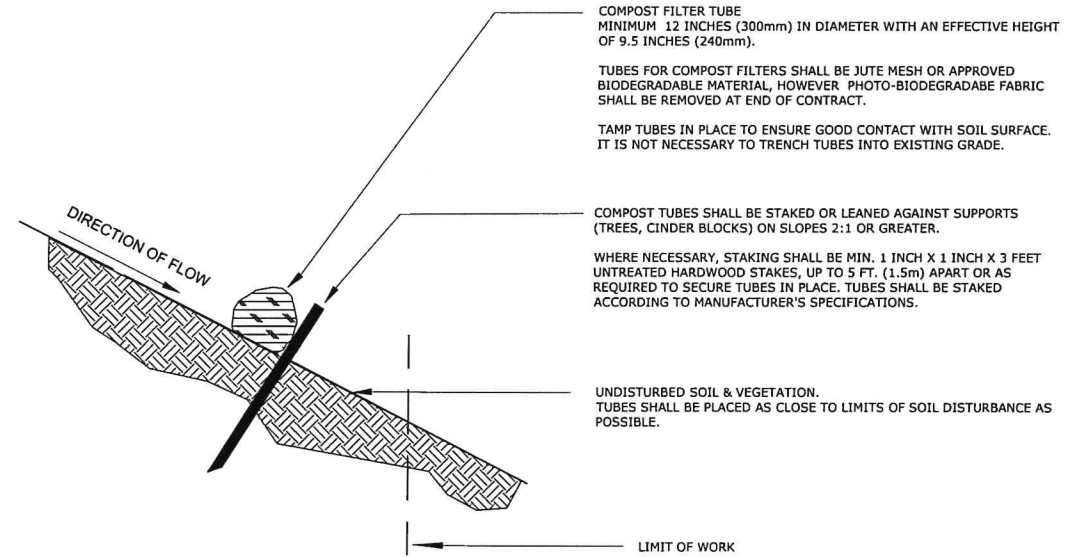
CONSTRUCTION ENTRANCE
NOT TO SCALE



NOTES:

1. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF SOIL. INSTALL WHERE SHOWN ON PLANS

CONSTRUCTION ENTRANCE PAD
NOT TO SCALE



GENERAL NOTES:

1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
6. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

COMPOST FILTER TUBE DETAIL
NOT TO SCALE

NO	REVISIONS	DATE

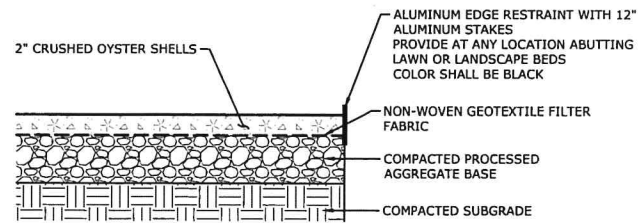
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DESIGNED BY:	JW
CAD COORD:	JW
CAD:	JW
CHECKED:	JW
DATE:	JW
APPROVED:	JW
DATE:	JW
SUBMISSION:	JW

PROGRESS PRINT



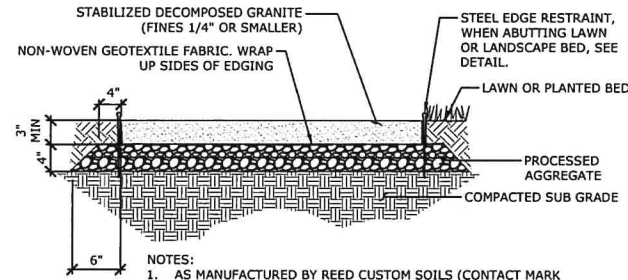
**TOWN OF DAMARISCOTTA
STORMWATER IMPROVEMENTS
DAMARISCOTTA, MAINE**

SEDIMENT AND EROSION CONTROL DETAILS



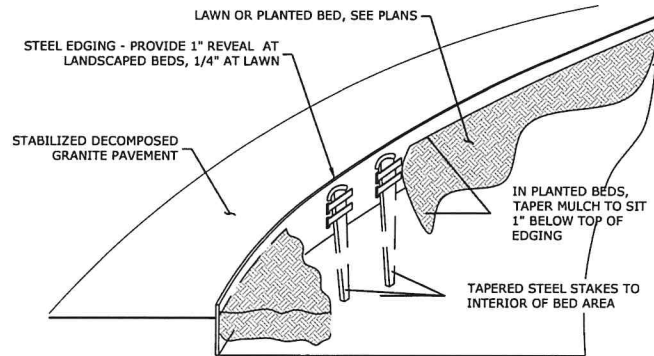
- NOTE:**
- CONTRACTOR SHALL PROVIDE STONE COLOR RANGE SAMPLE AND EDGE SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT
 - ALUMINUM LANDSCAPE EDGING SHALL BE 3500 SERIES, RIGID MAINTENANCE STRIP AS MANUFACTURED BY CURV-RITE, OR APPROVED EQUIVALENT

OYSTER SHELL PAVING
NOT TO SCALE



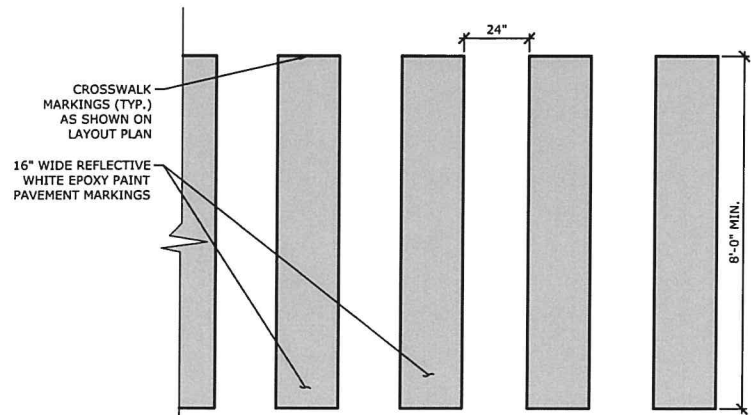
- NOTES:**
- AS MANUFACTURED BY REED CUSTOM SOILS (CONTACT MARK PENDERGAST 617-686-5590)
 - COLOR TO BE BEIGE. PROVIDE PRODUCT SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT

STABILIZED DECOMPOSED GRANITE
NOT TO SCALE

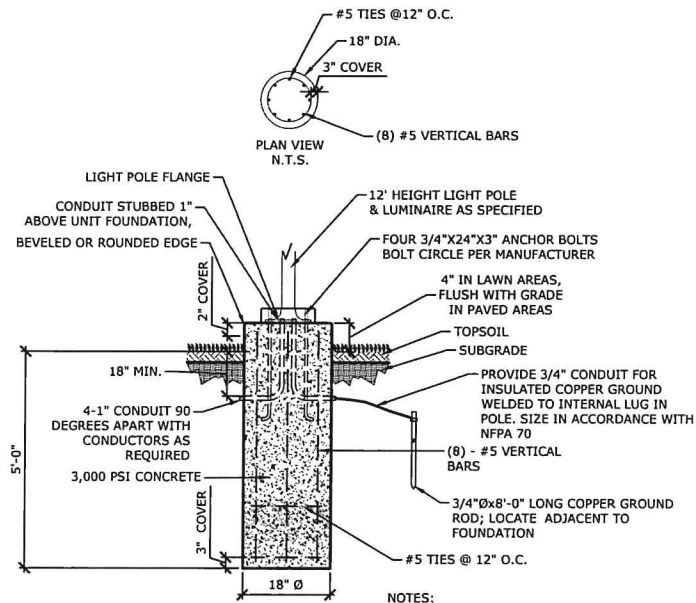


- NOTE:**
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - MANUFACTURED BY SURE-LOC EDGING CORPORATION OR APPROVED EQUAL. (PH. 1-800-787-3562)

STEEL LANDSCAPE EDGING
NOT TO SCALE

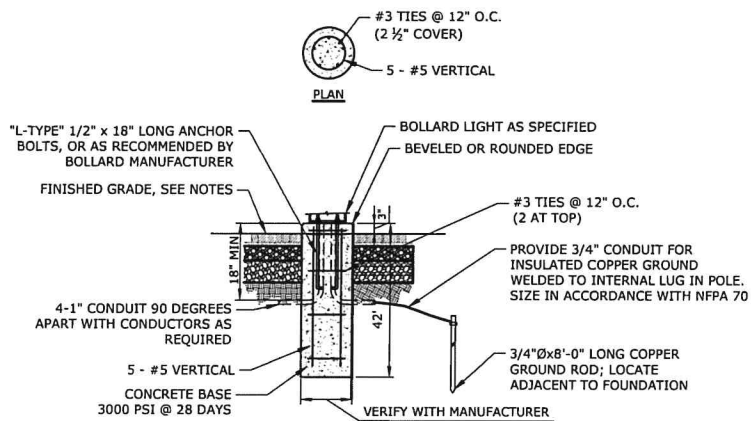


WHITE PAINTED CROSSWALK
NOT TO SCALE



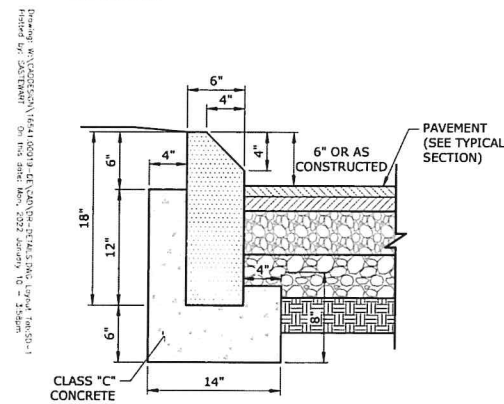
- NOTES:**
- LIGHT POLES AND FIXTURES SHALL BE AS INDICATED ON THE ELECTRICAL DRAWINGS
 - PROVIDE SHOP DRAWINGS FOR APPROVAL

TYPICAL LIGHT POLE FOUNDATION DETAIL IN LAWN/ LANDSCAPING
P-CO-2927.16-60



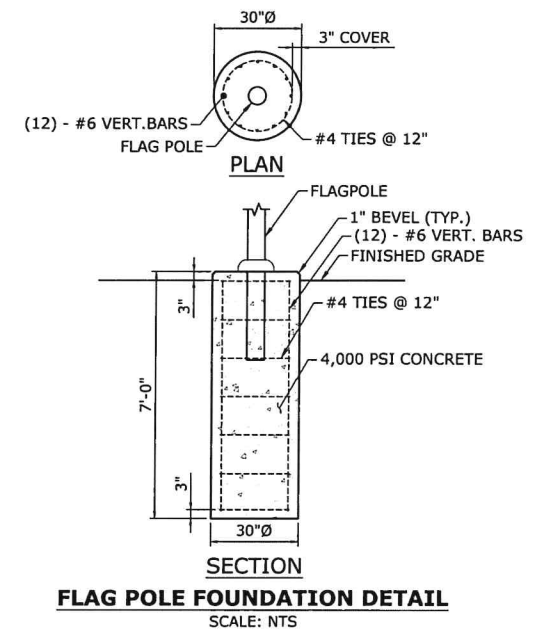
- NOTES:**
- CONTRACTOR TO PROVIDE SHOP DRAWING FOR CONCRETE BASE AND BOLT PATTERN. BOLT PATTERN TO BE COORDINATED WITH BOLLARD LIGHT MANUFACTURER.
 - REFER TO ELECTRICAL DRAWINGS FOR SPECIFIED FIXTURE.
 - PROVIDE CONDUIT WITH CONDUCTORS.

TYPICAL BOLLARD LIGHT FOUNDATION DETAIL
NOT TO SCALE

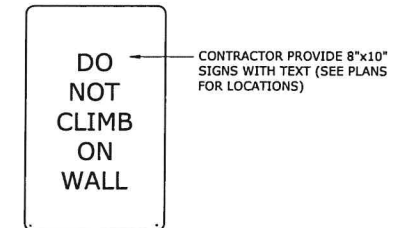


- NOTES:**
- VERTICAL AND HORIZONTAL ALIGNMENT OF ALL CURBS AND BEENS TO BE AS APPROVED.
 - MINIMUM LENGTH OF STRAIGHT CURBS SHALL BE 48\"/>

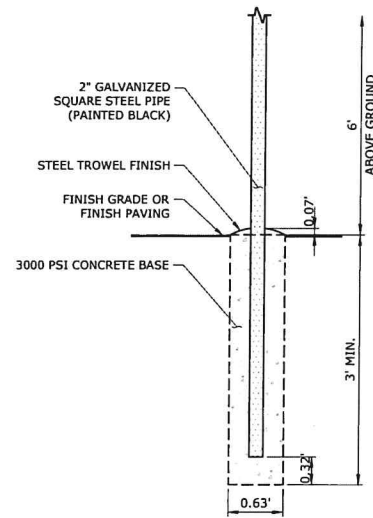
MOUNTABLE GRANITE CURB
NOT TO SCALE



FLAG POLE FOUNDATION DETAIL
SCALE: NTS



- NOTES:**
- SIGN SHALL BE MOUNTED ON FLOODWALL
 - SUBMIT SHOP DRAWING
- DO NOT CLIMB ON WALL SIGN**
NOT TO SCALE



- NOTES:**
- FOR POST MOUNTING, USE NON-CORROSIIVE 3/8\"/>

TRAFFIC SIGN POST
NOT TO SCALE

NO	REVISIONS	APPD	DATE

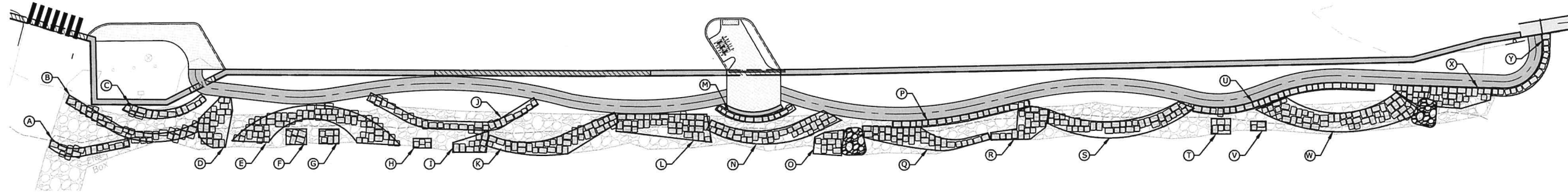
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	JW					

PROGRESS PRINT

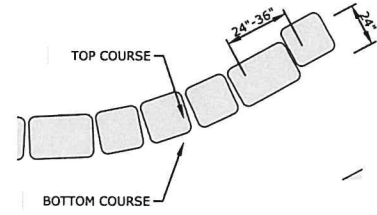


TOWN OF DAMARISCOTTA
STORMWATER IMPROVEMENTS
DAMARISCOTTA, MAINE

PARK & LIVING SHORELINE DETAILS



BOULDER WALL LAYOUT PLAN
SCALE: 1" = 20'-0"



BOULDER WALL LAYOUT
NOT TO SCALE

NO	REVISIONS	APPD	DATE
1			
2			
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4			
5			

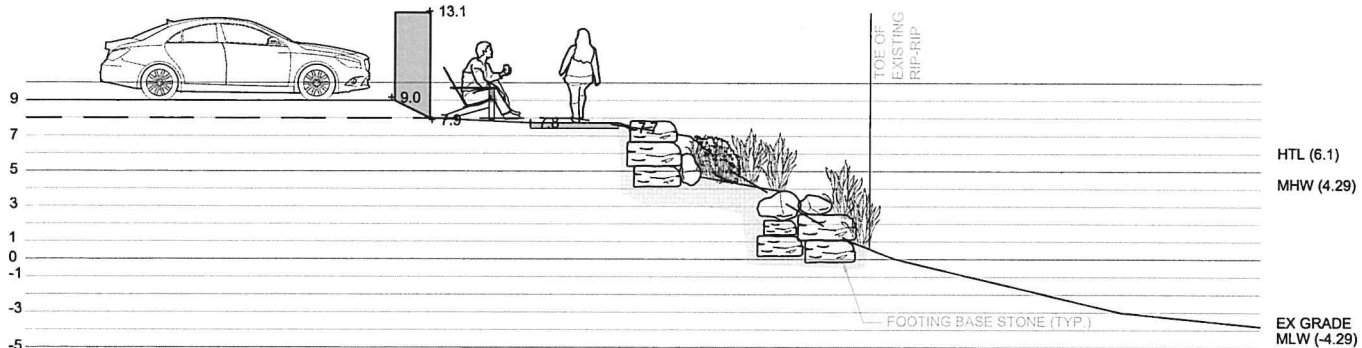
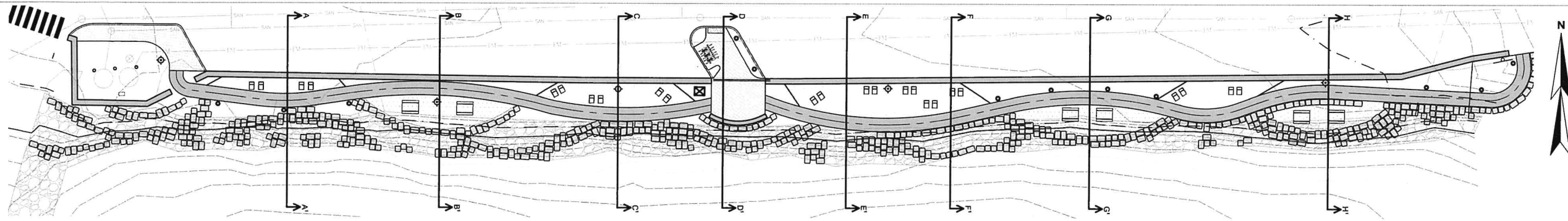
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 DESIGNED: JW
 CAD COORD: ...
 CAD: ...
 CHECKED: ...
 DATE: ...
 APPROVED: ...
 DATE: ...
 SUBMISSION: ...

PROGRESS PRINT

SLR
 195 CHURCH STREET, 7TH FLOOR
 NEW HAVEN, CT 06510
 203.344.7887
 SLRCONSULTING.COM

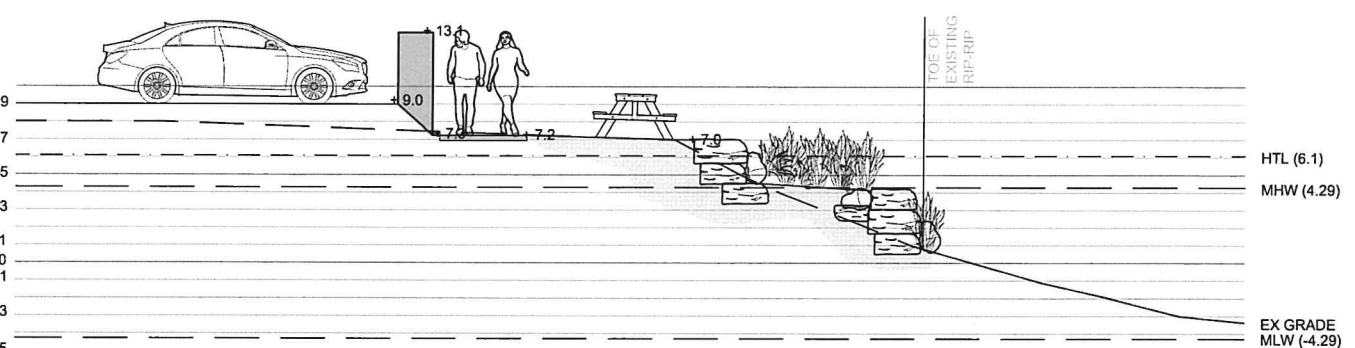
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 (207) 725-8721 | www.wright-pierce.com
 www.wright-pierce.com

TOWN OF DAMARISCOTTA
 STORMWATER IMPROVEMENTS
 DAMARISCOTTA, MAINE
 PARK & LIVING SHORELINE DETAILS



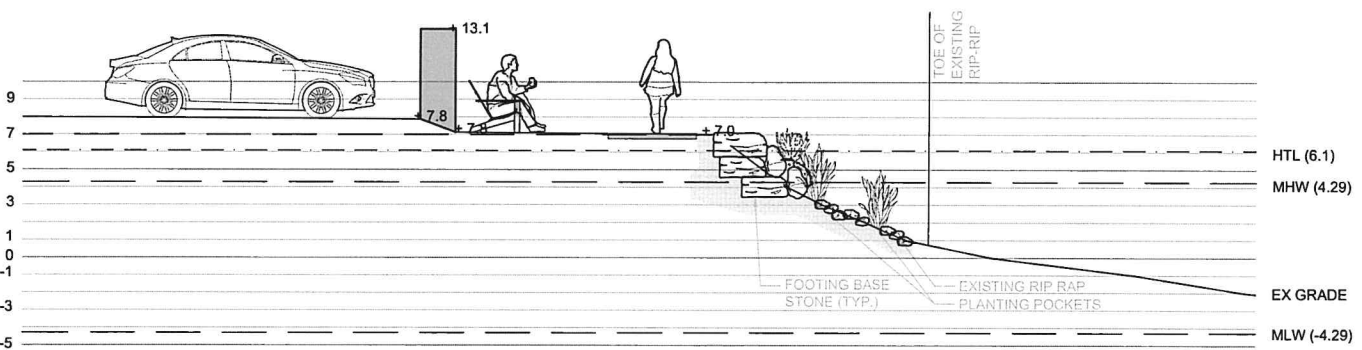
SECTION A-A': PROPOSED

SCALE: 1' = 5'



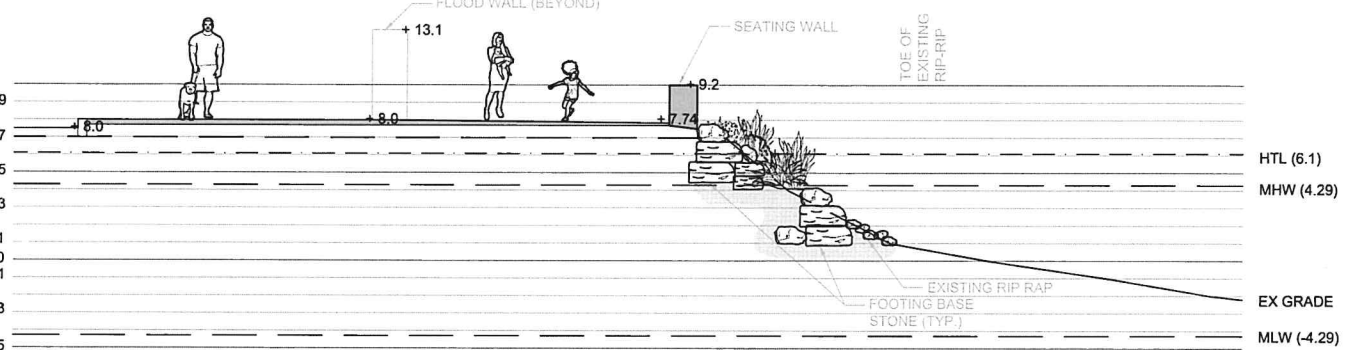
SECTION B-B': PROPOSED

SCALE: 1' = 5'



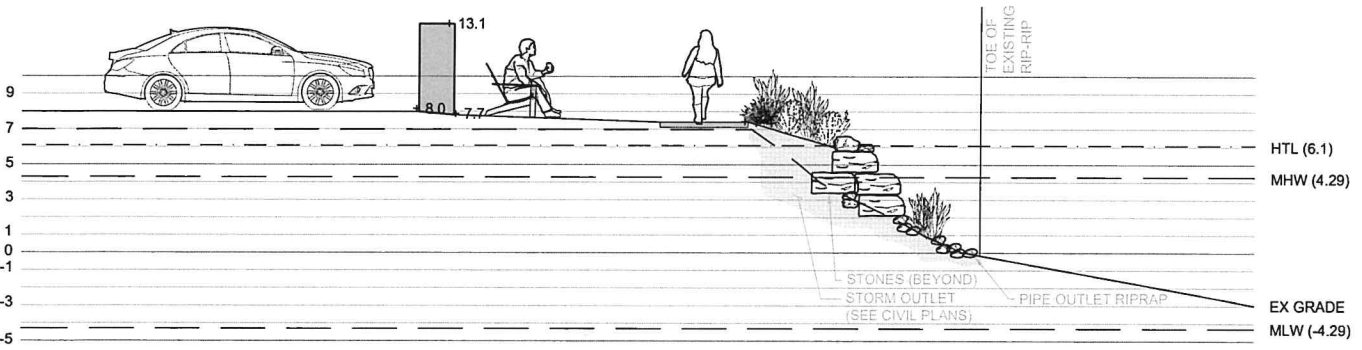
SECTION C-C': PROPOSED

SCALE: 1' = 5'



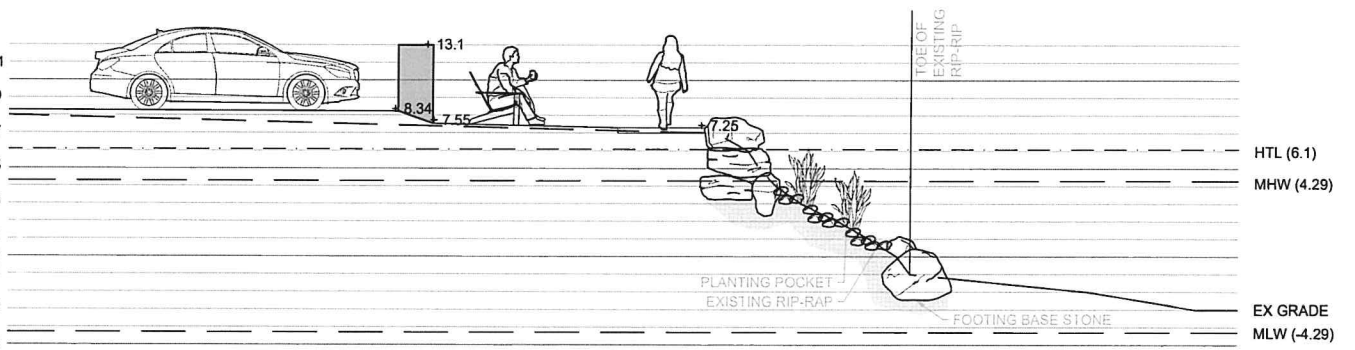
SECTION D-D': PROPOSED

SCALE: 1' = 5'



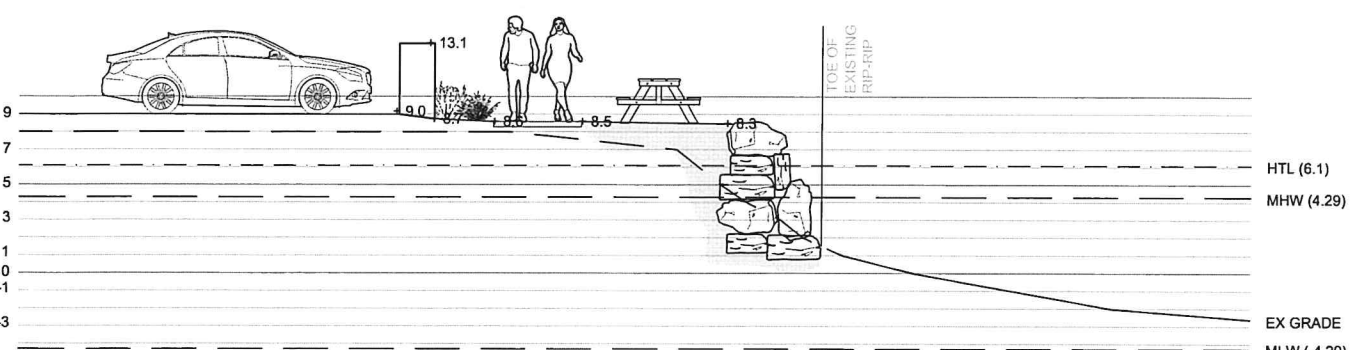
SECTION E-E': PROPOSED

SCALE: 1' = 5'



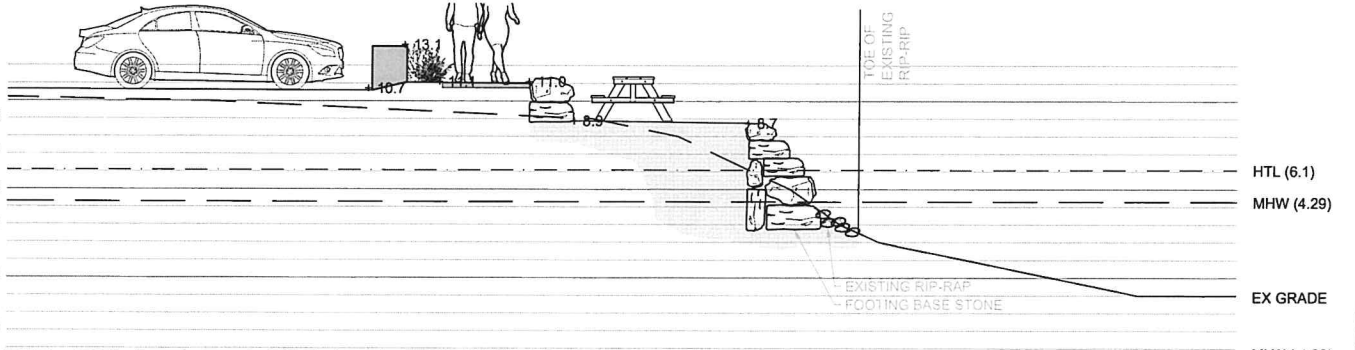
SECTION F-F': PROPOSED

SCALE: 1' = 5'



SECTION G-G': PROPOSED

SCALE: 1' = 5'



SECTION H-H': PROPOSED

SCALE: 1' = 5'

NO	REVISIONS	APPD	DATE
1			
2			
3			
4			
5			

PROJECT NO: 20459
 DESIGNED: JW
 CAD COORD: JW
 CAD: SS
 CHECKED: JW
 DATE: 10-29-21
 APPROVED: JW
 DATE: 10-29-21
 SUBMISSION: 60%

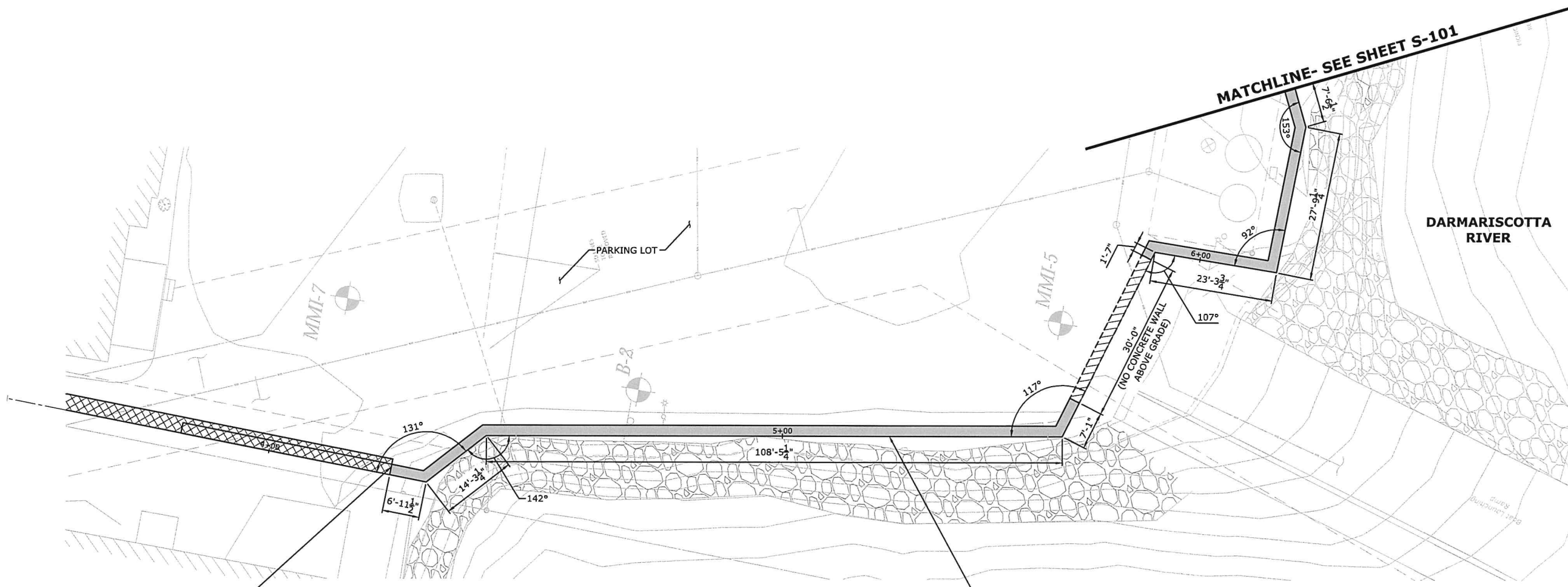
PROGRESS PRINT

SLR
 195 CHURCH STREET, 7TH FLOOR
 NEW HAVEN, CT 06510
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**TOWN OF DAMARISCOTTA
 STORMWATER IMPROVEMENTS
 DAMARISCOTTA, MAINE**

SITE PLAN - SECTIONS
 DRAWING XXX

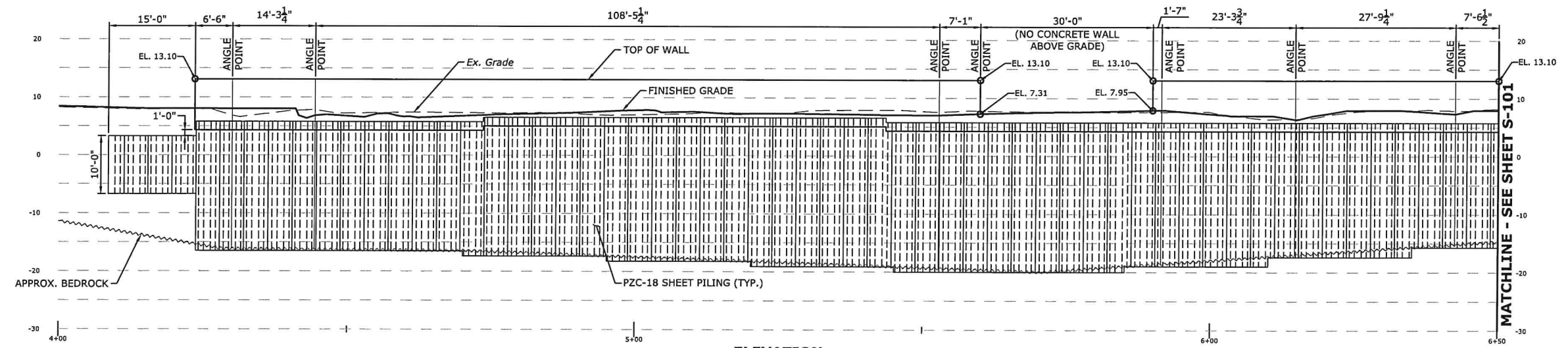


START SHEET PILING WALL
STA. 4+23.05

PLAN
SCALE: 1"=10'-0"

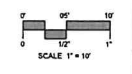
SHEET PILING WITH CONCRETE WALL CAP
(MEASURED ALONG FRONT FACE)

NOTE
LANDSCAPING FEATURES NOT SHOWN
FOR CLARITY, SEE LANDSCAPING PLANS.



ELEVATION
SCALE: 1"=10'-0"

MATCHLINE - SEE SHEET S-101



MATCHLINE - SEE SHEET S-101

DARMARISCOTTA RIVER

NO	REVISIONS	APPD	DATE

PROJECT NO: C1900
DESIGNED: CAD COORD: CAD: CHECKED: DATE: APPROVED: DATE: SUBMISSION:

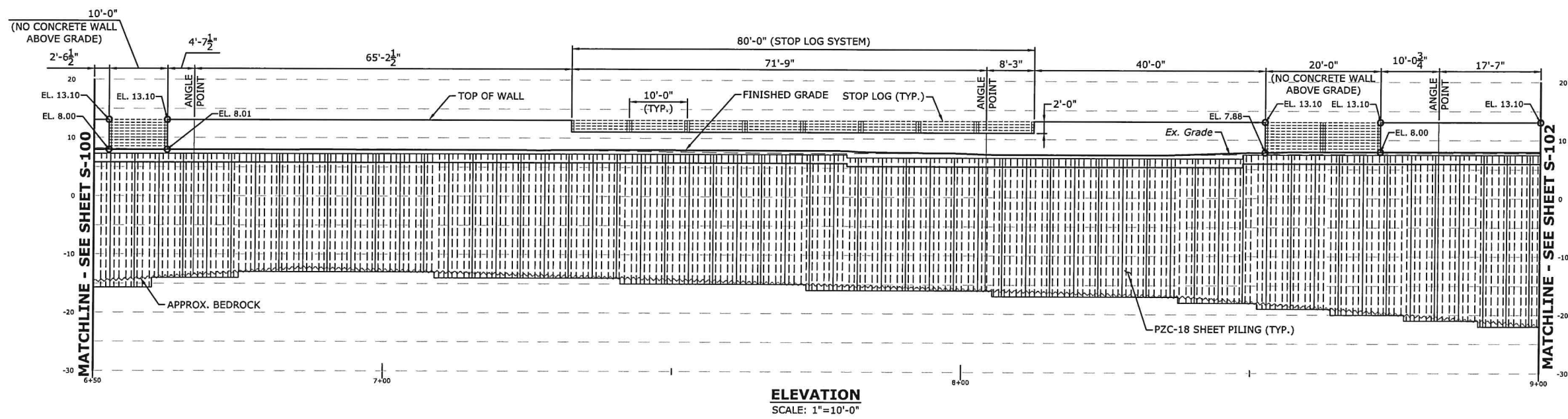
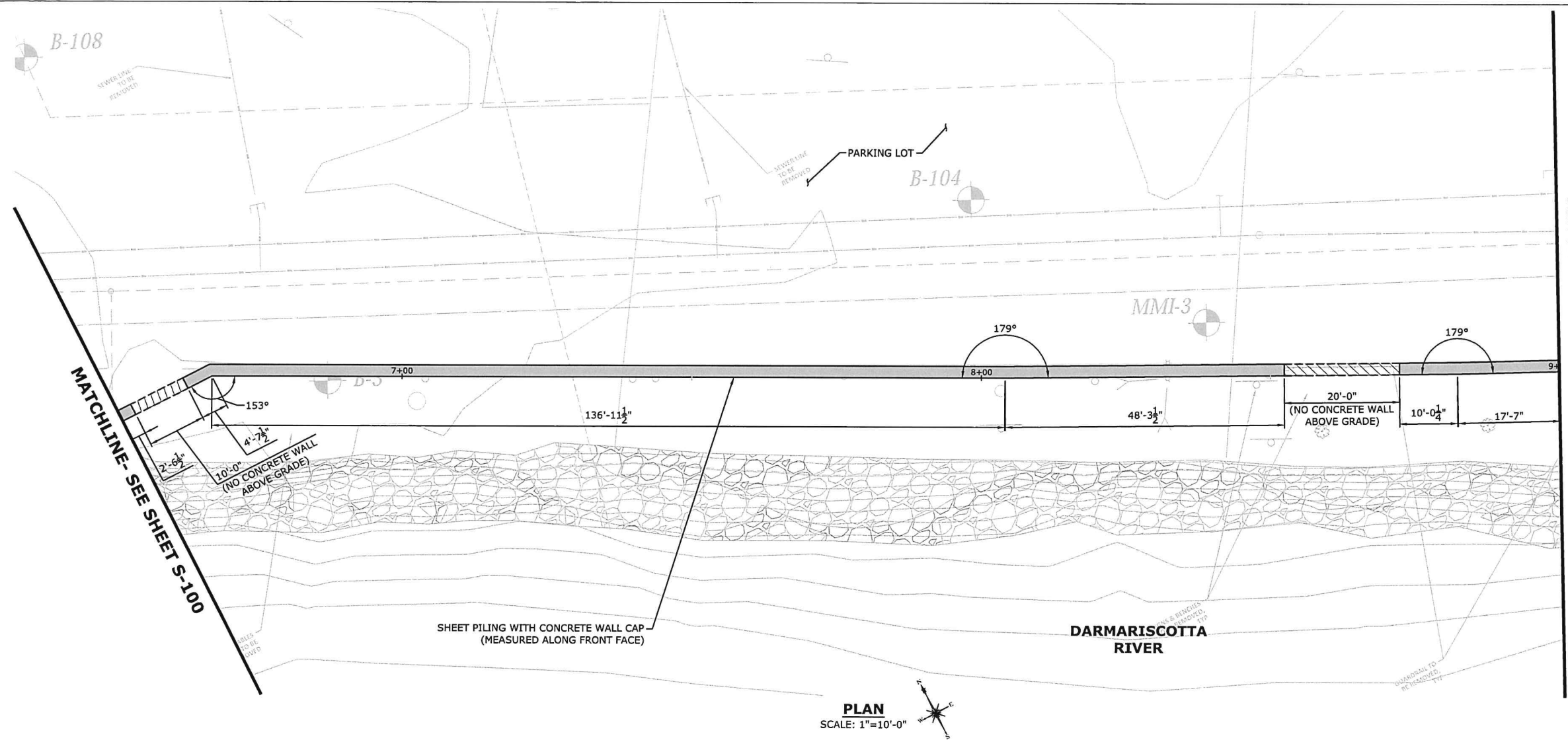
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TOWN OF DAMARISCOTTA
STORMWATER IMPROVEMENTS
DARMARISCOTTA, MAINE

STRUCTURAL PLAN AND ELEVATION

DRAWING
S-100



NO	REVISIONS	APPD	DATE
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2			
3			
4			
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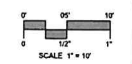
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 SUBMISSION: []

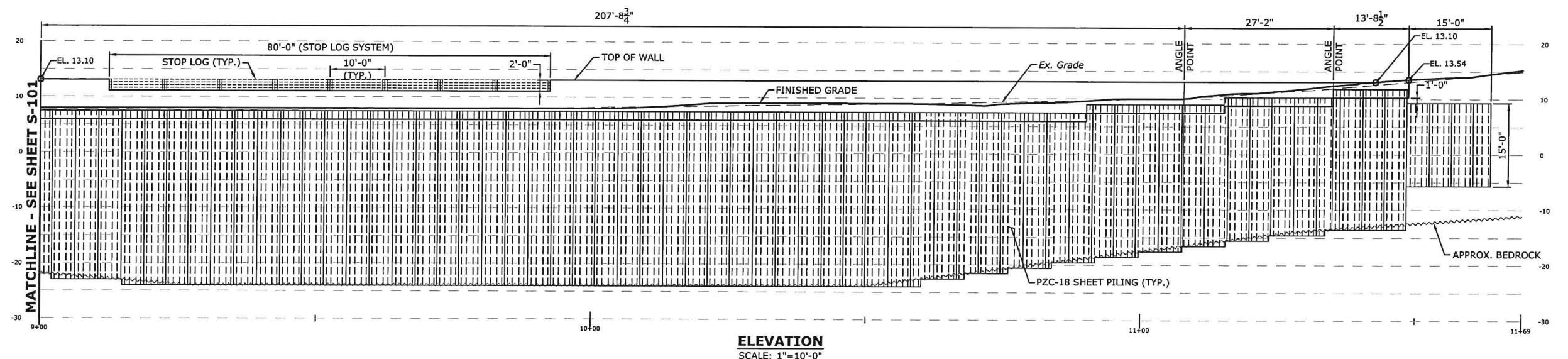
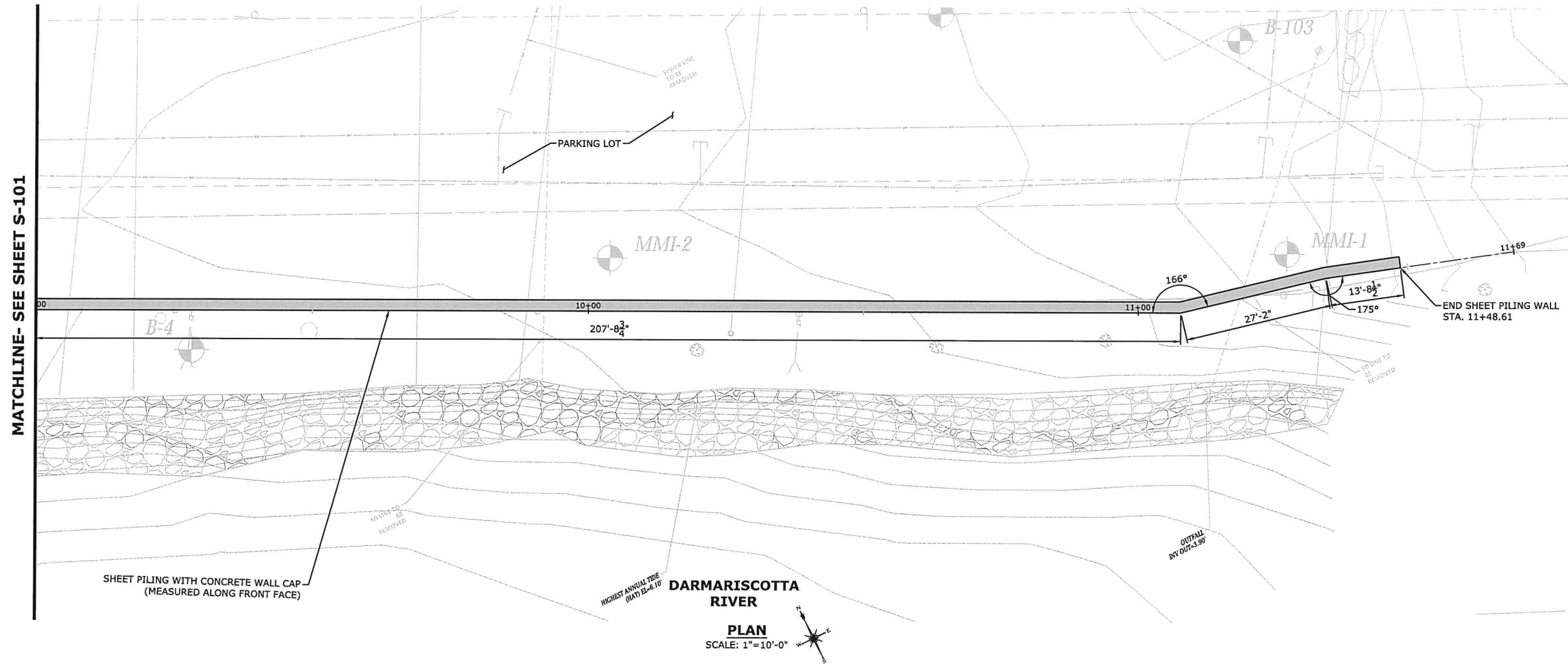
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**TOWN OF DARMARISCOTTA
 STORMWATER IMPROVEMENTS
 DARMARISCOTTA, MAINE**

STRUCTURAL PLAN AND ELEVATION





REVISIONS		APPD DATE
NO	DESCRIPTION	DATE

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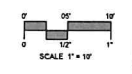
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**TOWN OF DAMARISCOTTA
STORMWATER IMPROVEMENTS
DAMARISCOTTA, MAINE**

STRUCTURAL PLAN AND ELEVATION

DRAWING
S-102



GENERAL NOTES

SPECIFICATIONS: MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS MARCH 2020, SUPPLEMENTAL SPECIFICATIONS JUNE 2021, AND SPECIAL PROVISIONS

DESIGN SPECIFICATIONS: AASHTO LRFD DESIGN SPECIFICATIONS, 8TH EDITION, 2017, AS SUPPLEMENTED BY THE MAINE DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL (2003) WITH INTERIM REVISIONS UP TO AND INCLUDING 2018.

CONTRACTOR SHALL TAKE FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME RESPONSIBILITY FOR THEIR ACCURACY.

CONTRACTOR WILL BE LIABLE FOR ANY DAMAGE TO EXISTING STRUCTURES CAUSED BY HIS OPERATIONS. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT STRUCTURES.

CONTRACTOR TO SUBMIT CONSTRUCTION SEQUENCE TO THE ENGINEER FOR APPROVAL.

CAST-IN-PLACE CONCRETE

ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL BE CLASS "A".

REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60 AND SHALL BE EPOXY COATED.

LOCATIONS OF ALL CONSTRUCTION JOINTS AND REINFORCING SPLICES SHALL BE APPROVED BY THE ENGINEER.

ALL EXPOSED CORNERS OF CONCRETE SHALL BE BEVELED AS SHOWN.

THE CONTRACTOR SHALL NOT STRIP ANY FORMS UNTIL CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF 3,000 PSI.

REMAIN-IN-PLACE FORMS: THE USE OF REMAIN-IN-PLACE FORMS ON THIS STRUCTURE IS NOT ALLOWED.

PREFORMED EXPANSION JOINT FILLER: THE COST OF FURNISHING AND INSTALLING PREFORMED EXPANSION JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE ITEM CLASS "F" CONCRETE.

ANCHOR BOLTS:
ANCHOR BOLTS TO CONCRETE SHALL BE ASTM A307.
STEEL TO STEEL CONNECTIONS: ASTM A325.
BOLTS SHALL BE HOT-DIP GALVANIZED UNLESS OTHERWISE NOTED.

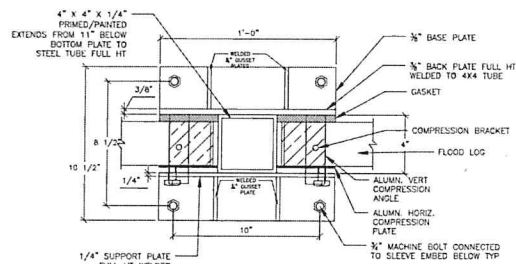
SHEET PILING BULKHEAD NOTES

- SHEET PILING SHALL BE HOT-ROLLED STEEL SECTIONS CONFORMING TO ASTM A572 (OR EQUIVALENT). MINIMUM YIELD STRENGTH SHALL BE 50,000 PSI. INTERLOCKS SHALL BE FREE SLIDING, PROVIDE A SWING ANGLE SUITABLE FOR THE INTENDED INSTALLATION, AND MAINTAIN CONTINUOUS INTERLOCKING WHEN INSTALLED. SHEET PILING SHALL BE FULL-LENGTH SECTIONS OF THE DIMENSIONS SHOWN ON THE DRAWINGS. SPECIAL FABRICATED SECTIONS SHALL CONFORM TO THE REQUIREMENTS HEREIN AND THE PILING MANUFACTURER'S RECOMMENDATIONS.
- SHEET PILING SECTION PROPERTIES: PROVIDE INDICATED PILING MAKE AND SECTION OR EQUIVALENT. EQUIVALENT SECTIONS SHALL PROVIDE SAME OR GREATER OVERALL WALL SECTION AND MOMENT OR INERTIA ON A PER FOOT BASIS AND WILL HAVE A MINIMUM THICKNESS OF ALL ELEMENTS NO LESS THAN 0.48 INCHES.
- SHEET PILING SHALL BE DRIVEN TO A DEPTH INDICATED ON THE DRAWINGS TO WITHIN AN ALLOWABLE TOLERANCE OF 2". TOP OF A PILE SHALL BE CUT WITH A PLASMA CUTTER WITH A TOLERANCE OF +/-1" FROM THE ELEVATION INDICATED ON THE DRAWING.
- BEFORE PROCEEDING WITH ANY WORK ON SITE, CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW WRITTEN PROCEDURES/DRAWINGS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - PILE HANDLING/DRIVEN EQUIPMENT AND METHOD OF INSTALLATION.
 - MANUFACTURER'S MILL CERTIFICATION THAT MEETS OR EXCEEDS SPECIFIED STEEL REQUIREMENTS.
 - SHOP DRAWINGS THAT SHALL IDENTIFY PILE SECTION PROPERTIES AND WALL THICKNESS, PILE LENGTH PRIOR TO DRIVING, LOCATIONS AND TYPES OF WELDS, CORNER DETAILS, CLOSURE/TIE-IN DETAILS AT EXISTING SHEET PILE WALLS AND CUT-OFF ELEVATIONS.
- THE CONTRACTOR SHALL LOG EACH SHEET PILE AND MAINTAIN A RECORD WITH THE FOLLOWING INFORMATION:
 - DATE OF INSTALLATION.
 - LOCATION OF IDENTIFICATION MARKS.
 - HAMMER EQUIPMENT AND OPERATION
 - LENGTH FROM TIP TO CUT-OFF.
 - CUT-OFF ELEVATION.
 - PLUMB (DEVIATION FROM VERTICAL, INCHES PER FOOT).
 - IF SHEET PILING ARE IMPACT DRIVEN TO INDICATED TIP ELEVATION, RECORD BLOW COUNTS PER FOOT FOR THE LENGTH OF PILE DRIVEN.
 - COMPLETE LOGS AT THE END OF EACH DAY'S WORK AND IMMEDIATELY SUBMIT (3) LEGIBLE COPIES SIGNED BY THE CONTRACTOR'S REPRESENTATIVE TO THE PORTS REPRESENTATIVE.

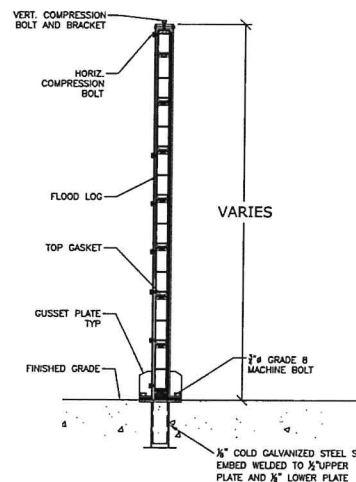
- PILE DRIVING HAMMERS: HAMMERS SHALL BE STEAM, AIR, OR DIESEL DROP, SINGLE ACTING, OR VIBRATORY TYPES. THE HAMMER SHALL HAVE A DELIVERED ENERGY SUITABLE FOR THE TOTAL WEIGHT OF THE PILE AND THE CHARACTER OF SUBSURFACE MATERIAL TO BE ENCOUNTERED. IF UNABLE TO REACH PILE TIP ELEVATIONS, NOTIFY THE ENGINEER BEFORE PROCEEDING WITH PILE OPERATIONS.
- SHEET PILING SHALL BE DRIVEN WITH THE PROPER SIZE HAMMER AND BY APPROVED METHODS SO AS NOT TO SUBJECT THE PILING TO DAMAGE AND TO ENSURE PROPER INTERLOCKING THROUGHOUT THEIR LENGTHS. DRIVING HAMMERS SHALL BE MAINTAINED IN PROPER ALIGNMENT DURING DRIVING OPERATIONS BY USE OF LEADS OR GUIDES ATTACHED TO THE HAMMER. A PROTECTIVE CAP SHALL BE EMPLOYED IN DRIVING WHEN USING IMPACT HAMMERS TO PREVENT DAMAGE TO THE TOPS OF PILING.
- PILING DAMAGED DURING DRIVING OR DRIVEN OUT OF INTERLOCK SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO OWNER. PILING SHALL BE DRIVEN WITHOUT THE AID OF A WATER JET.
- SHEET PILING SHALL BE PROVIDED AS ONE PIECE. NO SPLICES WILL BE ALLOWED.
- SHEET PILING SHALL BE CAREFULLY LOCATED AS SHOWN ON THE DRAWINGS. TEMPORARY WALES, TEMPLATES, OR GUIDE STRUCTURES SHALL BE PROVIDED TO ENSURE THAT THE PILING ARE PLACE AND DRIVEN TO THE CORRECT ALIGNMENT.
- WHERE DRIVEN SHEET PILES HAVE EXCEEDED SPECIFIED TOLERANCES, THE CONTRACTOR SHALL REMOVE SUCH PILES AND DRIVE SUBSTITUTE PILES AT NO ADDITIONAL COST TO OWNER. DETAILS OF SUBSTITUTE PILES SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATIONS.
- ALL SHEET PILE SHALL BE ADVANCED TO THE MINIMUM TIP PENETRATION INDICATED IN CONTRACT DRAWINGS. ANY OBSTRUCTIONS RECOUNTED (EXISTING PILES, DEBRIS, BOULDERS) SHALL BE PERFORMED BY SPUDDING OR DRILLED THROUGH.
- THE CONTRACTOR SHALL REMOVE ALL SHEET PILE CUT-OFFS AND OTHER DEBRIS FROM THE JOB SITE.
- WELDING SHALL CONFORM TO THE "STRUCTURAL WELDING CODE FOR STEEL", LATEST EDITION, AS ADOPTED BY THE AMERICAN WELDING SOCIETY (AWS). WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED IN ACCORDANCE WITH AWS STANDARDS.

STRUCTURAL STEEL

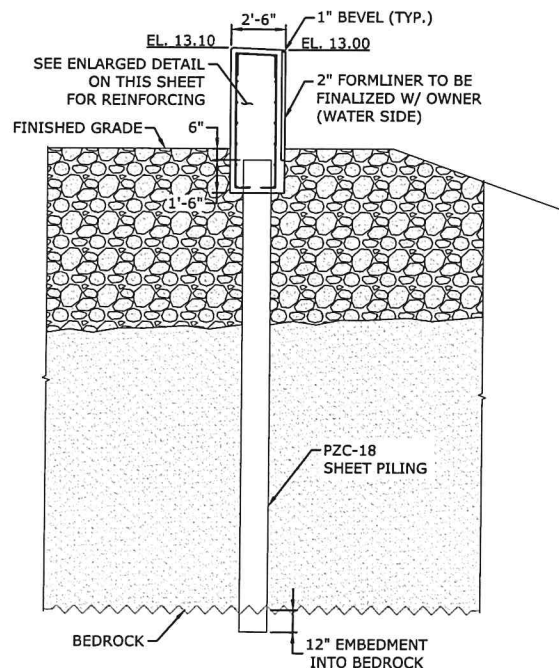
- DESIGN FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "MANUAL OF STEEL CONSTRUCTION - ASD", NINTH EDITION AS ADOPTED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
- WELDING SHALL CONFORM TO THE "STRUCTURAL WELDING CODE FOR STEEL", LATEST EDITION, AS ADOPTED BY THE AMERICAN WELDING SOCIETY (AWS). WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED IN ACCORDANCE WITH AWS STANDARDS.



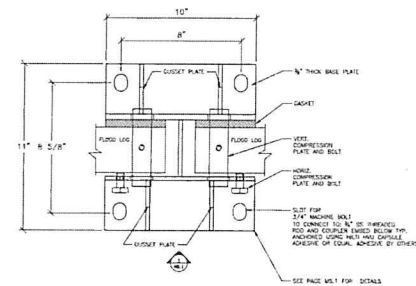
TYPICAL STOP LOG CHANNEL SUPPORT - PLAN (FULL HEIGHT) N.T.S.



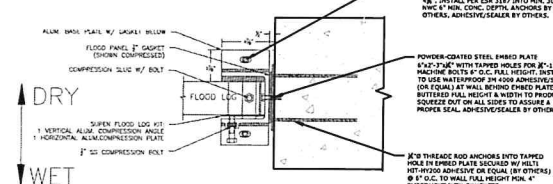
TYPICAL STOP LOG CHANNEL SUPPORT - ELEVATION (FULL HEIGHT) N.T.S.



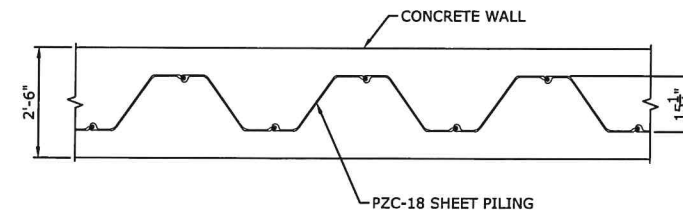
TYPICAL BULKHEAD SECTION SCALE: 1/4"=1'-0"



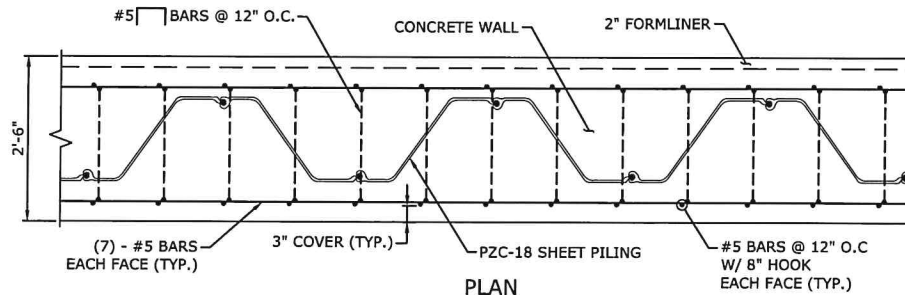
TYPICAL STOP LOG CHANNEL SUPPORT - PLAN (ABOVE WALL, H=24") N.T.S.



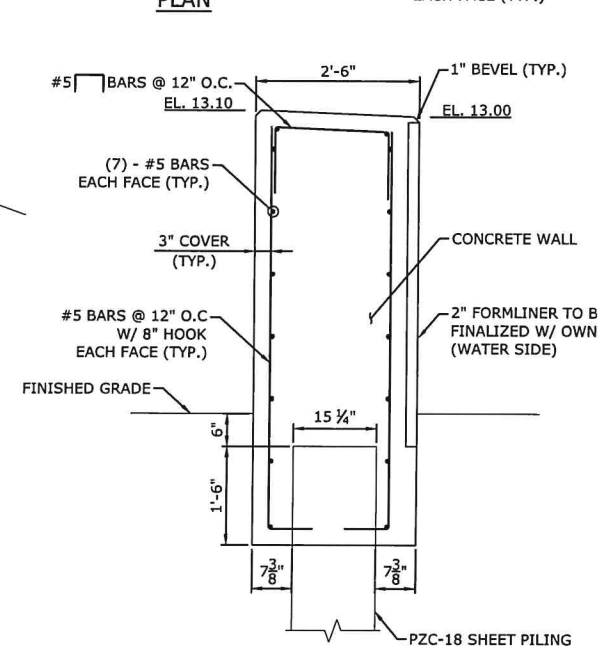
TYPICAL STOP LOG CHANNEL SUPPORT AT WALL N.T.S.



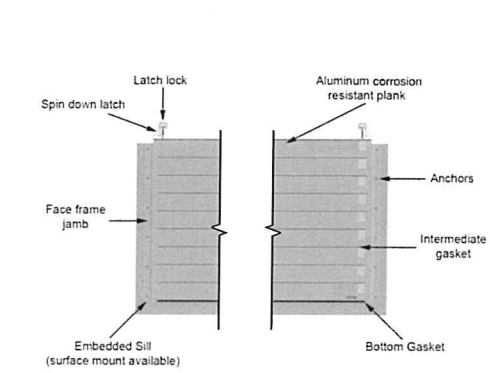
STEEL BULKHEAD - PLAN SCALE: 1/2"=1'-0"



PLAN



TYPICAL CONCRETE WALL DETAIL SCALE: 3/4"=1'-0"



TYPICAL STOP LOG SYSTEM ELEVATION N.T.S.

NO	REVISIONS	APPD	DATE

PROJECT NO: C1000	DESIGNED:	CAD COORD:	CAD:	CHECKED:	DATE:	APPROVED:	DATE:	SUBMISSION:
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PROGRESS PRINT

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