



ATTACHMENT 3

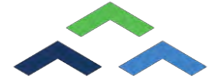
FUNCTIONAL ASSESSMENT

Summary

The proposed project wetland impacts include a very typical river system tidal area and typical forested wetland areas. At this time the applicant has not completed an extensive functional assessment since the areas disturbed do not have any special or unique functions or values. The applicant is also proposing compensation under the "in-Lieu" fee program with set compensation based on area disturbed and not associated with identified functions and values.



ATTACHMENT 4
COMPENSATION



ATTACHMENT 4

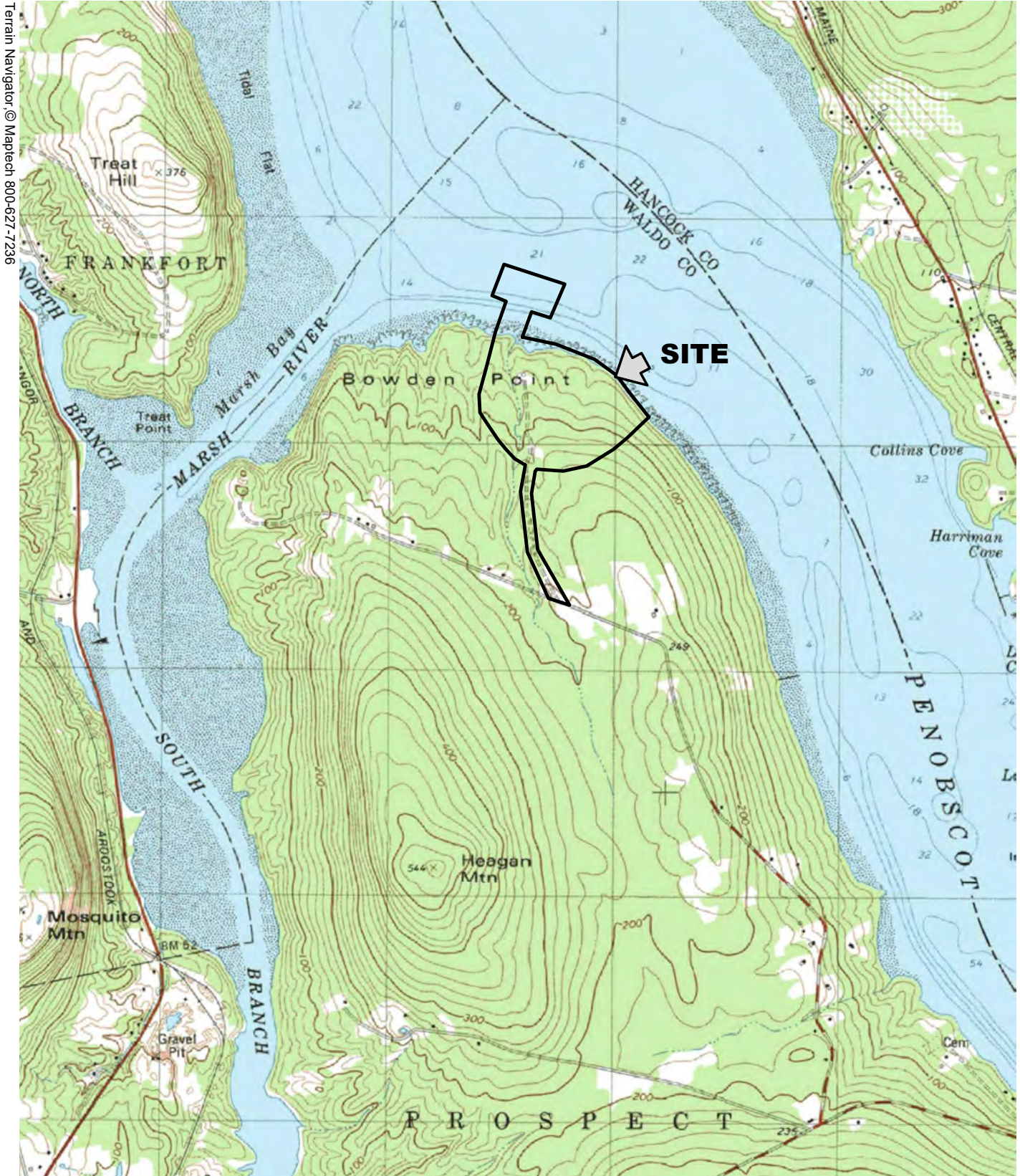
COMPENSATION

Summary

The Applicant is proposing to provide compensation for project impacts under the "In-Lieu" fee program. We anticipate that this fee will be set once the project has been through department review.



ATTACHMENT 5
SITE LOCATION MAP



Terrain Navigator © Maptech 800-627-7236

SOURCE:
 U.S.G.S. TOPOGRAPHIC QUADRANGLE
 BUCKSPORT
 @ 1:24,000

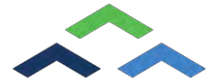


HALEY WARD
 ENGINEERING | ENVIRONMENTAL | SURVEYING
BOWDEN POINT PROPERTIES, LLC
PROSPECT, MAINE
LOCATION MAP

2021-12-20
 12617.001



ATTACHMENT 6
SITE PHOTOGRAPHS



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA



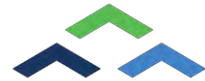
Photo No. 1	
Photo Date: 05/10/2018	
Site Location: Bowden Point, Prospect, Maine	
Description: Aerial view of project location.	
Photo By: Earth – Imagery Date 5/10/2018	

Photo No. 2	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing Fill. Seen from shoreline. Assumed to be location of Historic Pier.	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA



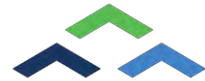
Photo No. 3	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing Fill, seen from shoreline. Assumed to be location of Historic Pier.	
Photo By: DJO	

Photo No. 4	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing fill, seen from shoreline. Assumed to be location of Historic Pier.	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA



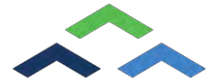
Photo No. 5	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Downriver of proposed pier location. Seen from proposed pier location.	
Photo By: DJO	

Photo No. 6	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Upriver of proposed pier location. Seen from end of existing fill.	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA


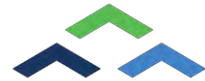
Photo No. 7	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: End of existing fill. Assumed to be location of Historic Pier.	
Photo By: DJO	

Photo No. 8	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing shoreline, looking east from proposed pier location.	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA



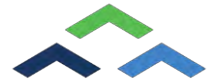
Photo No. 9	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing shoreline, looking west from proposed pier location.	
Photo By: DJO	

Photo No. 10	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing stream that drains into Penobscot River. Proposed pier site seen at left edge of photo.	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA


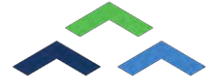
Photo No. 11	
Photo Date: 12/08/2020	
Site Location: Bowden Point, Prospect, Maine	
Description: Existing peninsula. Seen from end of fill, looking south.	
Photo By: DJO	

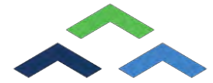
Photo No. 12	
Photo Date: 12/08/2020	
Site Location: Prospect, ME	
Description: Forested wetland	
Photo By: DJO	



BOWDEN POINT PROPERTIES
PROSPECT QUARRY PROCESSING AREA

Photo No. 13	
Photo Date: 12/08/2020	
Site Location: Prospect, ME	
Description: Forested wetland	
Photo By: DJO	

Photo No. 14	
Photo Date: 12/08/2020	
Site Location: Prospect, ME	
Description: Forested wetland	
Photo By: DJO	



ATTACHMENT 7
DRAWINGS

SEDIMENT FENCE (Sd1)

DEFINITION

A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS AND ENTRENCHED. THE SEDIMENT FENCE IS CONSTRUCTED OF STAKES AND SYNTHETIC FILTER FABRIC WITH A RIGID WIRE FENCE BACKING WHERE NECESSARY FOR SUPPORT. SEDIMENT FENCE CAN BE PURCHASED WITH POCKETS PRESEWN TO ACCEPT USE OF STEEL FENCE POSTS.

PURPOSE

A SEDIMENT FENCE INTERCEPTS AND DETAINS SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS DURING CONSTRUCTION OPERATIONS AND REDUCES RUNOFF VELOCITY DOWN A SLOPE. SEDIMENT FENCES MAY ALSO BE USED TO CATCH WIND-BLOWN SAND AND TO CREATE AN ANCHOR FOR SAND DUNE CREATION.

DESIGN RECOMMENDATIONS

DEPTH OF IMPOUNDED WATER SHOULD NOT EXCEED 1.5 FEET AT ANY POINT ALONG THE FENCE. DRAINAGE AREA LIMITED TO 1/4 ACRE PER 100 FT OF FENCE, AND NO MORE THAN 1.5 ACRES IN TOTAL. OR IN COMBINATION WITH A SEDIMENT BASIN ON A LARGER SITE. AREA IS FURTHER RESTRICTED BY SLOPE STEEPNESS AS SHOWN IN THE FOLLOWING TABLE.

MAXIMUM SLOPE	
LAND SLOPE (%)	DISTANCE ABOVE FENCE (FEET)
2	250
5	180
10	100
20	50
30	30

MATERIALS AND USE

FILTER FABRIC
THE FILTER FABRIC USED IN A SEDIMENT FENCE MUST HAVE SUFFICIENT STRENGTH TO WITHSTAND VARIOUS STRESS CONDITIONS. IT ALSO MUST HAVE THE ABILITY TO ALLOW PASSAGE OF WATER WHILE RETAINING SOIL PARTICLES. FILTER FABRIC FOR A SEDIMENT FENCE IS AVAILABLE COMMERCIALY.

SUPPORT POSTS
FOUR-INCH DIAMETER PINE, 1.33 LB./LINEAR FT. STEEL, OR SOUND QUALITY HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES. STEEL POSTS SHOULD HAVE PROJECTIONS FOR FASTENING FABRIC. DRIVE POSTS SECURELY, AT LEAST 16 INCHES INTO THE GROUND, ON THE DOWNSLOPE SIDE OF THE TRENCH. SPACE POSTS A MAXIMUM OF 8 FEET IF FENCE IS SUPPORTED BY WIRE, 6 FEET IF EXTRA-STRENGTH FABRIC IS USED WITHOUT SUPPORT WIRE. ADJUST SPACING TO PLACE POSTS AT LOW POINTS ALONG THE FENCE LINE.

SUPPORT WIRE
WIRE FENCE (14 GAUGE WITH 6-INCH MESH) IS REQUIRED TO SUPPORT STANDARD STRENGTH FABRIC.

REINFORCED, STABILIZED OUTLETS
ANY OUTLET WHERE STORM FLOW BYPASS OCCURS MUST BE STABILIZED AGAINST EROSION. SET OUTLET ELEVATION SO THAT WATER DEPTH CANNOT EXCEED 1.5 FEET AT THE LOWEST POINT ALONG THE FENCE LINE.

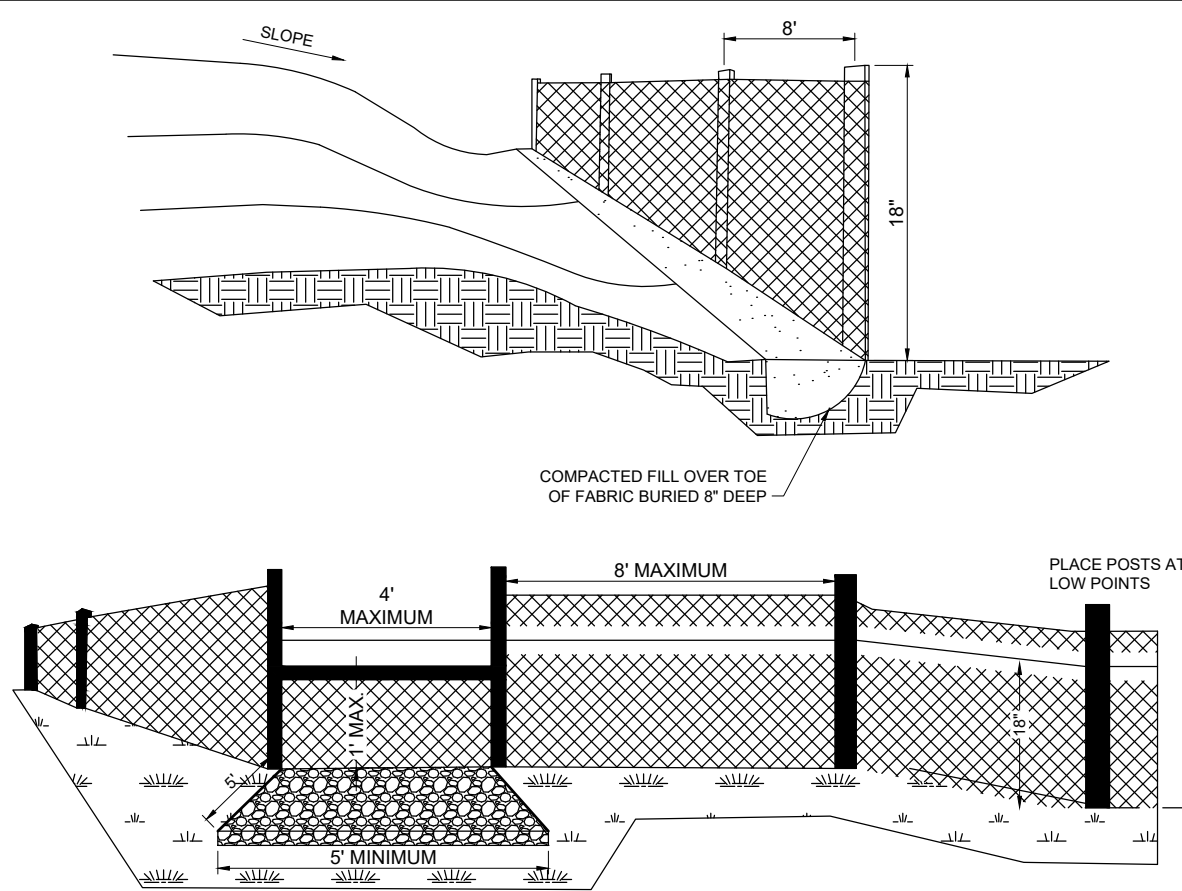
SET FABRIC HEIGHT AT 1 FOOT MAXIMUM BETWEEN SUPPORT POSTS SPACED NO MORE THAN 4 FEET APART. INSTALL A HORIZONTAL BRACE BETWEEN THE SUPPORT POSTS TO SERVE AS AN OVERFLOW WEIR AND TO SUPPORT TOP OF FABRIC. PROVIDE A RIPRAP SPLASH PAD A MINIMUM 5 FEET WIDE, 1 FOOT DEEP, AND 5 FEET LONG ON LEVEL GRADE. THE FINISHED SURFACE OF THE RIPRAP SHOULD BLEND WITH SURROUNDING AREA, ALLOWING NO OVERFALL. THE AREA AROUND THE PAD MUST BE STABLE.

CONSTRUCTION RECOMMENDATIONS

DIG A TRENCH APPROXIMATELY 8 INCHES DEEP AND 4 INCHES WIDE, OR A V-TRENCH; ALONG THE LINE OF THE FENCE, UPSLOPE SIDE. FASTEN SUPPORT WIRE FENCE SECURELY TO THE UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES. WIRE SHOULD EXTEND 6 INCHES INTO THE TRENCH. ATTACH CONTINUOUS LENGTH OF FABRIC TO UPSLOPE SIDE OF FENCE POSTS. AVOID JOINTS, PARTICULARLY AT LOW POINTS IN THE FENCE LINE. WHERE JOINTS ARE NECESSARY, FASTEN FABRIC SECURELY TO SUPPORT POSTS AND OVERLAP TO THE NEXT POST. PLACE THE BOTTOM ONE FOOT OF FABRIC IN THE TRENCH. BACKFILL WITH COMPACTED EARTH OR GRAVEL. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION, AND BOTTOM. TO REDUCE MAINTENANCE, A SHALLOW SEDIMENT STORAGE AREA MAY BE EXCAVATED ON THE UPSLOPE SIDE OF FENCE WHERE SEDIMENTATION IS EXPECTED. PROVIDE GOOD ACCESS TO DEPOSITION AREAS FOR CLEANOUT AND MAINTENANCE. SEDIMENT FENCES SHOULD BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED. RETAINED SEDIMENT MUST BE REMOVED AND PROPERLY DISPOSED OF, OR MULCHED AND SEEDED.

MAINTENANCE

A SEDIMENT FENCE REQUIRES A GREAT DEAL OF MAINTENANCE. SILT FENCES SHOULD BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. REPAIR AS NECESSARY. REMOVE SEDIMENT DEPOSITS PROMPTLY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON FENCE. TAKE CARE TO AVOID UNDERMINING FENCE DURING CLEANOUT. IF THE FABRIC TEARS, DECOMPOSES, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE IT IMMEDIATELY. REPLACE BURLAP USED IN SEDIMENT FENCES AFTER NO MORE THAN 60 DAYS. REMOVE ALL FENCING MATERIALS AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. SEDIMENT DEPOSITS REMAINING AFTER THE FABRIC HAS BEEN REMOVED SHOULD BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



CONSTRUCTION ENTRANCE (Co)

DEFINITION

A TEMPORARY STONE-STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE.

PURPOSE

TO PROVIDE A STABLE ENTRANCE AND EXIT FROM A CONSTRUCTION SITE AND KEEP MUD AND SEDIMENT OFF PUBLIC ROADS.

DESIGN RECOMMENDATIONS

REMOVE ALL VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. GRADE AND CROWN FOUNDATION FOR POSITIVE DRAINAGE. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 3-INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT PLACED ON A STABLE FOUNDATION AS SPECIFIED IN THE PLAN. PAD DIMENSIONS: THE MINIMUM LENGTH OF THE GRAVEL PAD SHOULD BE 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH MAY BE USED. LONGER

ENTRANCES WILL PROVIDE BETTER CLEANING ACTION. THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET WHICHEVER IS GREATER. THE AGGREGATE SHOULD BE PLACED AT LEAST SIX INCHES THICK. A GEOTEXTILE FILTER FABRIC SHALL BE PLACED BETWEEN THE STONE FILL AND THE EARTH SURFACE BELOW THE PAD TO REDUCE THE MIGRATION OF SOIL PARTICLES FROM THE UNDERLYING SOIL INTO THE STONE AND VICE VERSA. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FT FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHOULD BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE. WASHING: IF THE SITE CONDITIONS ARE SUCH THAT THE MAJORITY OF MUD IS NOT REMOVED FROM THE VEHICLE TIRES BY THE GRAVEL PAD,

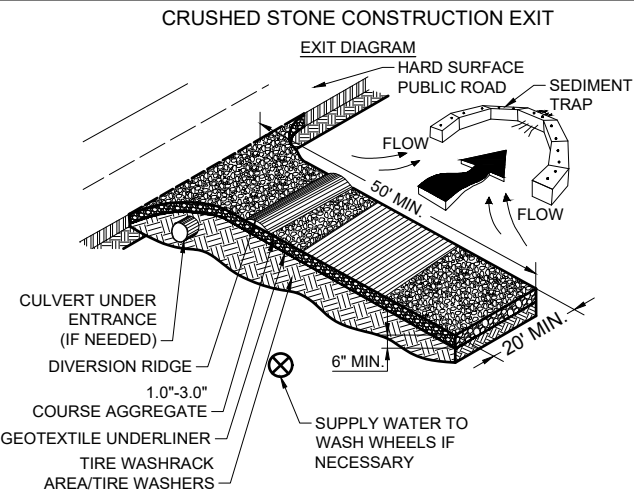
THEN THE TIRES SHOULD BE WASHED BEFORE THE VEHICLE ENTERS THE ROAD OR STREET. THE WASH AREA SHOULD BE A LEVEL AREA WITH 3-INCH WASHED STONE MINIMUM, OR A COMMERCIAL RACK. WASH WATER SHOULD BE DIRECTED INTO A SEDIMENT TRAP, A VEGETATED FILTER STRIP, OR OTHER APPROVED SEDIMENT TRAPPING DEVICE. SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY WATERCOURSES. A FILTER FABRIC FENCE SHOULD BE INSTALLED DOWN-GRADIENT FROM THE CONSTRUCTION ENTRANCE IN ORDER TO CONTAIN ANY SEDIMENT-LADEN RUNOFF FROM THE ENTRANCE.

MAINTENANCE

THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE. INSPECT ENTRANCE/EXIT PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER HEAVY RAINS OR HEAVY USE. REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD IMMEDIATELY. MUD AND SOIL PARTICLES WILL EVENTUALLY CLOG THE VOIDS

IN THE GRAVEL AND THE EFFECTIVENESS OF THE GRAVEL PAD WILL NOT BE SATISFACTORY. WHEN THIS OCCURS, THE PAD SHOULD BE TOP-DRESSED WITH NEW STONE. COMPLETE REPLACEMENT OF THE PAD MAY BE NECESSARY WHEN THE PAD BECOMES COMPLETELY CLOGGED. IF WASHING FACILITIES ARE USED, THE SEDIMENT TRAPS SHOULD BE CLEANED OUT AS OFTEN AS NECESSARY TO ASSURE THAT ADEQUATE TRAPPING EFFICIENCY AND STORAGE VOLUME IS AVAILABLE. VEGETATIVE FILTER STRIPS SHOULD BE MAINTAINED TO INSURE A VIGOROUS STAND OF VEGETATION AT ALL TIMES. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.

REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.



DUST CONTROL ON DISTURBED AREAS (Du)

DEFINITION

CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.

PURPOSE

TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES.

TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES THAT MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE, OR SAFETY, OR TO ANIMALS OR PLANT LIFE.

CONDITIONS

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.

METHOD AND MATERIALS

VEGETATIVE COVER. SEE SPECIFICATION DS2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

TILLAGE
THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE THAT SHOULD BE USED BEFORE WIND EROSION STARTS. BEGIN PLOWING ON WINDWARD SIDE OF CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT THAT MAY PRODUCE THE DESIRED EFFECT.

IRRIGATION
THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

BARRIERS
SOLID BOARD FENCES, SNOWFENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

CALCIUM CHLORIDE
APPLY AT RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

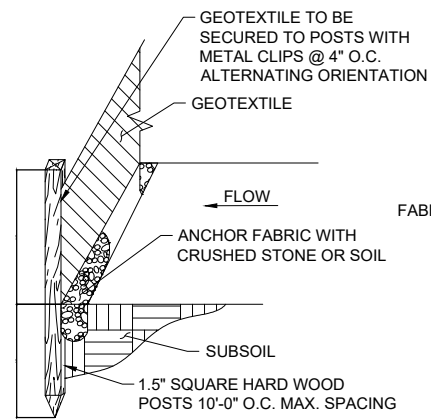
PERMANENT VEGETATION
SEE SPECIFICATION DS3-DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION). EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

PERMIT DRAWINGS FOR PROSPECT PIER
EROSION & SEDIMENT CONTROL NOTES - SHEET 1 OF 3

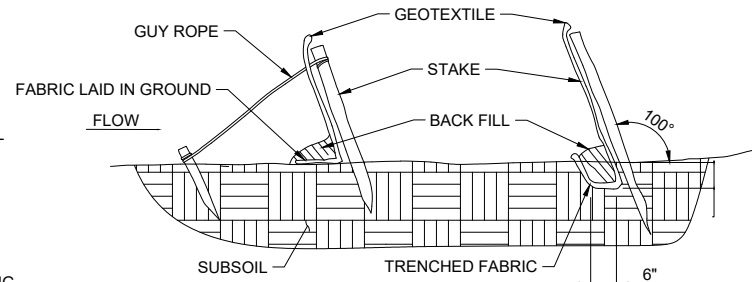
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MOFFATT & NICHOL 101 W. MAIN ST. SUITE 3000 NORFOLK, VA 23510		SALMONS, INC. 781 PRINCESS ANNE RD VIRGINIA BEACH, VA 23457		

PERMIT DRAWINGS
ISSUED: 2021-04-20
NOT TO BE USED FOR CONSTRUCTION

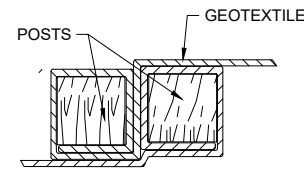
Sheet Reference No.
C-001
INDEX: 5 OF 20



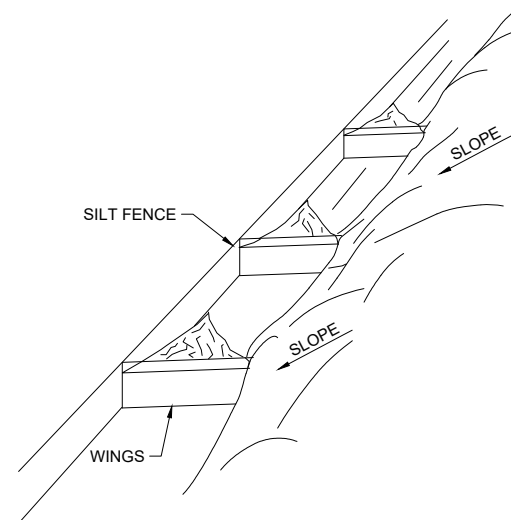
SILT FENCE



BACK FILL OR TRENCH FABRIC TOE



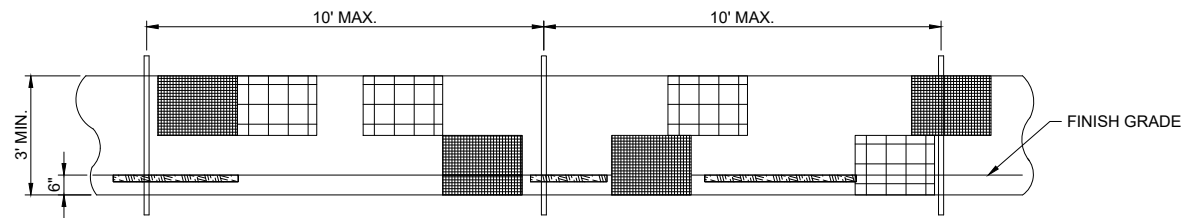
FENCE JOINT PLAN VIEW



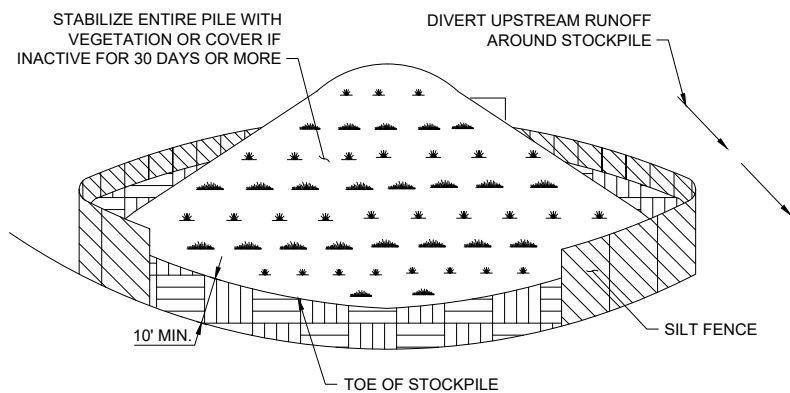
SILT FENCE SYSTEM PLACEMENT ON TOE OF SLOPE

GEOTEXTILE SILT FENCE NOTES:

1. GEOTEXTILE FENCE SHOULD BE PLACED SO THE FENCE LEANS TOWARD THE SOURCE OF SEDIMENT.
2. MAXIMUM SPACING FOR WOODEN STAKES OR STEEL POSTS IS 10'-0".
3. WOOD STAKES SHALL HAVE A MINIMUM CROSS-SECTION SIZE OF 1.5"x1.5" AND A MINIMUM LENGTH OF 3'-6". SILT FENCE SUBJECT TO HEAVY LOADS SHALL BE REINFORCED WITH STEEL POSTS AT LEAST 0.5 LB. PER FOOT WITH A MINIMUM LENGTH OF 4 FT.
4. WOODEN STAKES OR STEEL POSTS SHALL BE DRIVEN TO A MINIMUM OF 12" INTO THE GROUND.
5. 6" OF GEOTEXTILE SHALL BE BURIED BY BACK FILLING OR TRENCHING AND AT LEAST 30" IN HEIGHT OF GEOTEXTILE SHALL BE EXPOSED.
6. FABRIC SHALL BE JOINED ONLY AT A SUPPORT POST WITH A MINIMUM OF 6" OVERLAP AND SECURELY SEALED.
7. UPON REESTABLISHMENT OF GROUND COVER IN DISTURBED AREAS AND WHEN DIRECTED BY THE ENGINEER OR UPON FINAL INSPECTION, FENCE AND ANY SEDIMENT SHALL BE REMOVED. AT NO TIME WILL THE FENCE REMAIN IN PLACE AFTER PROJECT COMPLETION.
8. GEOTEXTILE FENCE SHALL NOT BE USED IN A WATER COURSE.
9. ONLY GEOTEXTILE FROM THE DEPARTMENTS APPROVED PRODUCT LIST SHALL BE USED.
10. BACK FILLING OF GEOTEXTILE SHALL ONLY BE USED WHEN GROUND IS FROZEN OR WHERE OTHER OBSTRUCTIONS ARE ENCOUNTERED THAT PROHIBIT TRENCHING; E.G., STUMPS OR ROCKS.
11. CLEAN OUT ACCUMULATED SEDIMENT WHEN ONE-HALF OF THE ORIGINAL HEIGHT OF THE GEOTEXTILE FENCE BECOMES FILLED WITH SEDIMENT OR AS DIRECTED BY THE ENGINEER.
12. POSITION POSTS TO OVERLAP MAKING CERTAIN THAT FABRIC FOLDS AROUND EACH POST ONE FULL TURN.
13. DRIVE POSTS TIGHTLY TOGETHER AND SECURE TOPS OF POSTS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OF BUILT-UP SEDIMENT AT JOINTS.
14. WHEN USING SILT FENCE ALONG TOE OF SLOPE, ADD WINGS TO PREVENT SEDIMENT FROM MOVING ALONG THE FENCE AND OFF THE SITE.



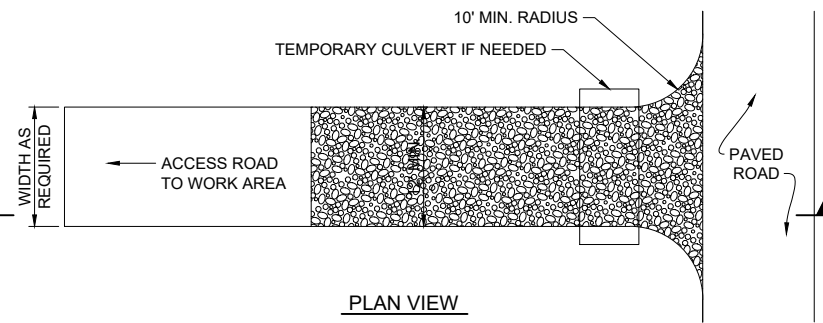
ELEVATION VIEW



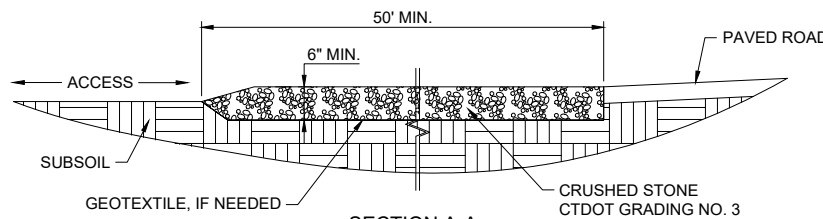
TEMPORARY SOIL STOCKPILING NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2H:1V.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES, THEN STABILIZED WITH VEGETATION OR COVERED WITH POLYETHYLENE SHEETING AND SANDBAGS.
4. A POLYETHYLENE MEMBRANE UNDERLAYMENT MAY BE REQUIRED PER ENGINEER REQUESTS.

TEMPORARY SOIL STOCKPILING



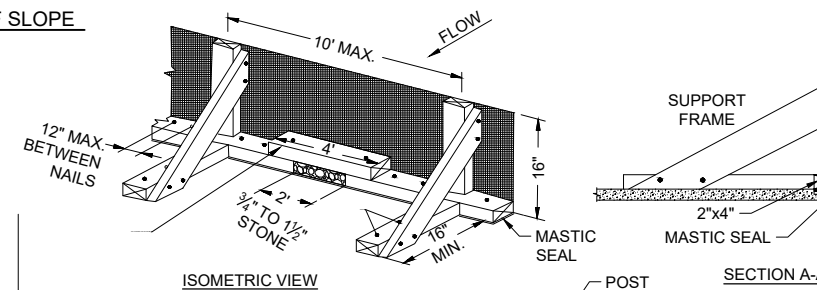
PLAN VIEW



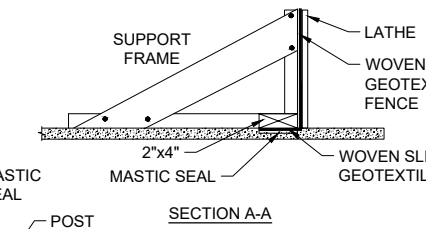
SECTION A-A

CONSTRUCTION ENTRANCE NOTES:

1. TOPSOIL AND ORGANICS SHOULD BE REMOVED PRIOR TO INSTALLATION.
2. CONSTRUCTION ENTRANCE TO BE LOCATED WHERE ACCESS ROAD MEETS PAVED ACCESS/DRIVEWAY.
3. AFTER CONSTRUCTION, ANY DEBRIS SHOULD BE CLEARED FROM THE TRACKING PAD, THE PAD RE-LEVELLED AND 2'-4" OF 3/4" CRUSHED GRAVEL SHOULD BE ADDED TO FILL VOIDS AND CREATE A SMOOTH SURFACE WITH A 2% CROWN OR CROSS-SLOPE.



ISOMETRIC VIEW



SECTION A-A

JOINING ADJACENT SECTIONS OF GEOTEXTILE SILT FENCE ON PAVEMENT

CONSTRUCTION SPECIFICATIONS

1. USE NOMINAL 2 INCH X 4 INCH LUMBER.
2. USE WOVEN SLIT FILM GEOTEXTILE, SUCH AS POLYPROPYLENE, NYLON, POLYESTER, ETHYLENE, OR APPROVED SIMILAR MATERIAL.
3. PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS.
4. SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
5. PROVIDE A TWO FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
6. KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
7. WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
8. PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LADEN WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
9. SECURE BOARDS TO PAVEMENT WITH 40D 5 INCH MINIMUM LENGTH NAILS.
10. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

PERMIT DRAWINGS FOR PROSPECT PIER

EROSION & SEDIMENT CONTROL NOTES - SHEET 3 OF 3

Designed by:	MSM	Drawn by:	MSM	Reviewed by:	SBU	Submitted by:	MOFFATT & NICHOL
Date:	2/25/2021	MAN Project No.:	11120-01	Drawing code:		Drawing Scale:	1" = 10' (0 SHEET)

MOFFATT & NICHOL
101 W. MAIN ST. SUITE 3000
NORFOLK, VA 23510

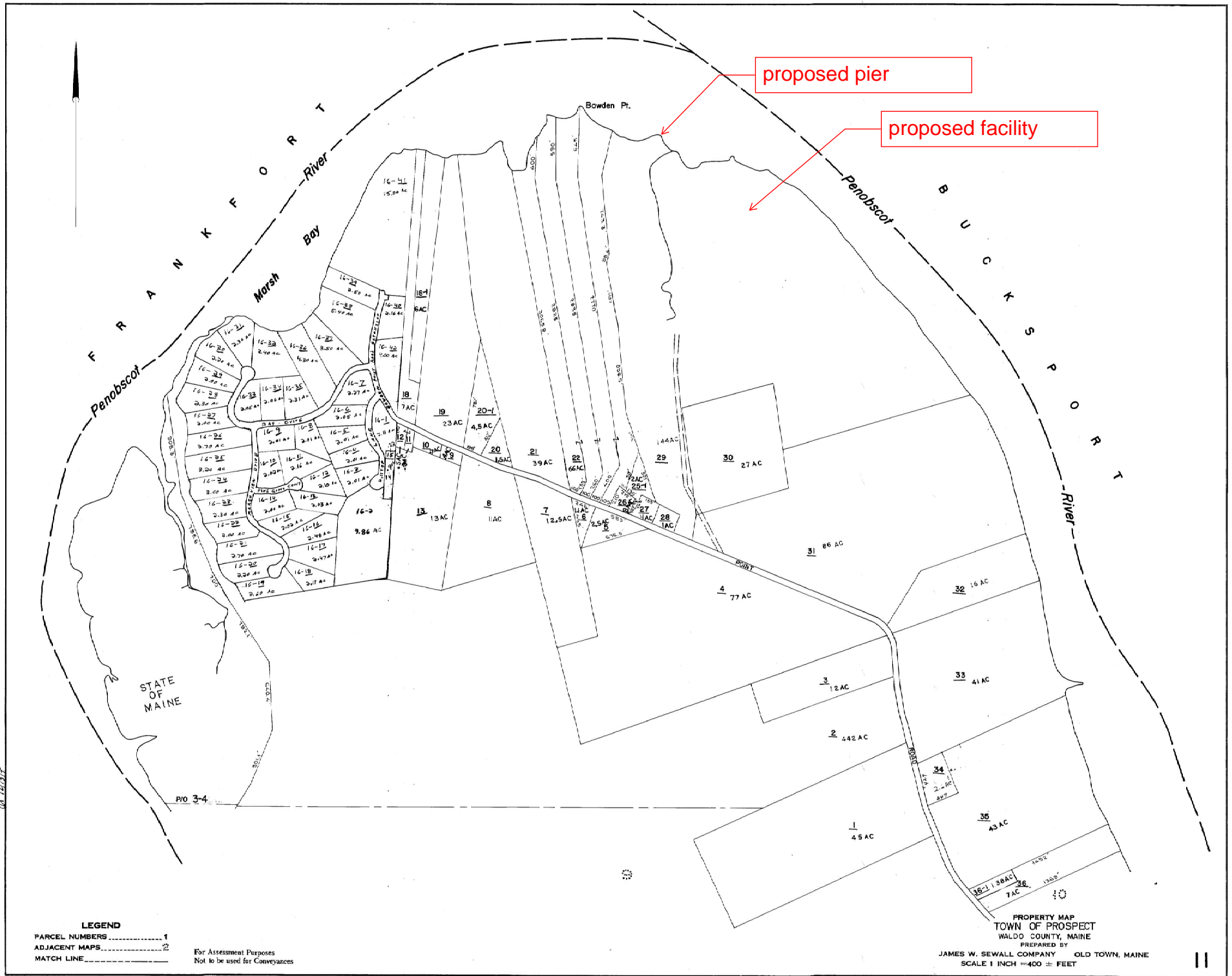
moftatt & nichol

SALMONS, INC.
781 PRINCESS ANNE RD.
VIRGINIA BEACH, VA 23457

SEAL

PERMIT DRAWINGS
ISSUED: 2021-04-20
NOT TO BE USED FOR CONSTRUCTION

Sheet Reference No.
C-003
INDEX: 7 OF 20



proposed pier

proposed facility

F R A N K F O R T
R i v e r
B a y
M a r s h

P e n o b s c o t
R i v e r
B U C K S P O R T

STATE OF MAINE

Bowden Pt.

PVO 3-4

4 77 AC

3 12 AC

32 16 AC

2 442 AC

33 41 AC

1 45 AC

34 2 AC

35 43 AC

36-1 38 AC

36 7 AC

37 10 AC

LEGEND

- PARCEL NUMBERS 1
- ADJACENT MAPS 2
- MATCH LINE 3

For Assessment Purposes
Not to be used for Conveyances

PROPERTY MAP
TOWN OF PROSPECT
WALDO COUNTY, MAINE

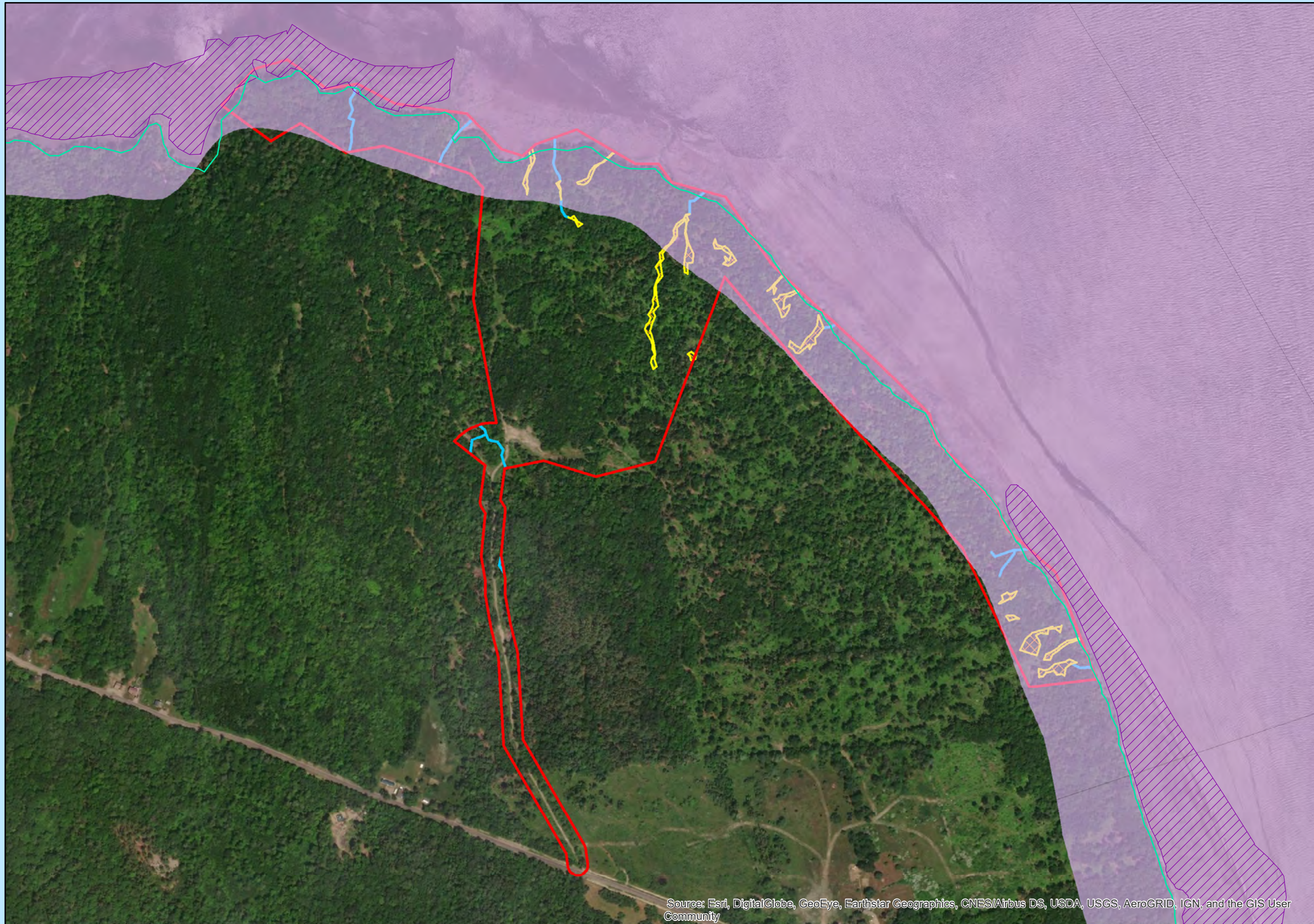
PREPARED BY
JAMES W. SEWALL COMPANY OLD TOWN, MAINE
SCALE 1 INCH = 400 ± FEET



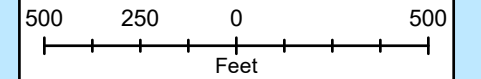
ATTACHMENT 8

ADDITIONAL PLANS
Natural Resource Map

Natural Resource Plan - Levy Parcel - Prospect



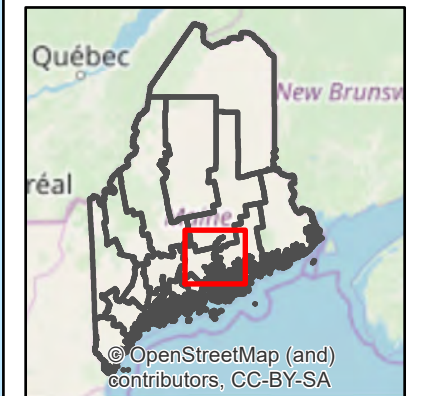
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

- Natural Resource Survey Area
- Wetland Area CES
- Streams CES
- Tidal Waterfowl and Wading Bird Habitat
- Highest Annual Tide (2015)
- FEMA Flood Zones

MAINE



Project Title: Salmon's Inc.
Description:
Natural Resource Plan

Project No.: 12617.001
 By: NAI
 Date: 6/13/19
 Updated: 10/24/2019
 By: [jszillery]

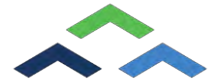
MAP NOTES:

1. WETLANDS SHOWN HEREON WERE DELINEATED IN JULY 2019. WETLANDS WERE FIELD DELINEATED IN ACCORDANCE WITH U.S. ARMY CORPS OF ENGINEERS STANDARDS BY CES, INC.
2. FEATURES DEPICTED ON THIS PLAN WERE LOCATED USING A MAPPING GRADE SUB-METER CAPABLE GPS/GNSS RECEIVER.
3. MAP IS PROJECTED USING UTM ZONE19 COORDINATES, AND REFERENCES THE NORTH AMERICAN DATUM OF 1983 (NAD83).
4. NORTH ARROW IS ORIENTED TO GRID NORTH IN ALL MAP EXTENTS DEPICTED HEREIN.
5. AERIAL PHOTO BASE MAP FROM IMAGERY IS 1-M 2013 NAIP IMAGERY BY USDA, FSA, TOPOGRAPHIC QUAD FROM ESRI, 2015.





ATTACHMENT 9
CONSTRUCTION PLAN



ATTACHMENT 9

CONSTRUCTION PLAN

Please see the Construction Plan in this section which outlines the various construction activities related to the proposed pier.

Operations in Wetlands and Protected Resource Areas:

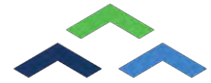
Construction and associated operations in and near the protected resources on-site, namely wetlands and the intermittent stream, will be controlled to avoid unnecessary impacts and minimize disturbance. By careful planning, site preparation, timing, access route utilization, and construction implementation, project construction can be accomplished with the least amount of impact to the protected resources on Site.

General Principals:

- ◆ Avoid operating in wet weather
- ◆ Minimize trips and machine operations
- ◆ Employ the appropriate BMPs
- ◆ Install and maintain erosion control devices
- ◆ Concentrate traffic and access within uplands and along established roads/corridors

Access Routes:

The project will be accessed from Bowden Point Road. One access drive will be constructed off of Bowden Point Road for internal access to the Site.



ATTACHMENT 10
EROSION CONTROL PLAN



ATTACHMENT 10

EROSION CONTROL PLAN

- A. Narrative. The proposed construction will require the implementation of temporary and permanent erosion control measures. These measures will be implemented in accordance with the Maine Erosion and Sediment Control Best Management Practices (BMPs) Manual, prior to removal of any on-site vegetation or disturbance of any on-site soil. The general erosion and sediment control specifications and details, as provided within this section, are intended to describe measures to be used by contractors working on the site to maintain compliance with the standards established in the BMPs. These standards include information on temporary and permanent erosion control measures, rates of seeding and applied mulch, slope and soil stabilization, effect of construction schedule, and other details.

The proposed location and use of erosion control measures on-site are shown on the Proposed Site Plan. Erosion control devices are described in detail in this report, on the Construction Drawings, and in the Construction Plan (Attachment 7.) There are no known existing erosion control concerns with the site. Implementation of proper erosion control measures will be required by site contractors to confine sediment and debris within the limit of soil disturbance. Proper use and maintenance of erosion control measures will provide protection against off-site transport of sediment and discharge of sediment to undisturbed areas of the development.

Additional Erosion Control information is shown on sheets C001, C002, and C003 of the attached project plans.

- B. Completion Date. Fall 2023
- C. Site Features. For site features please refer to the enclosed plan.
- D. Temporary and Permanent Erosion Control Measures. For temporary and permanent erosion control measures please refer to the enclosed plan.
- E. Limits of Disturbed Areas. Areas of disturbance will be limited to the proposed work shown on the enclosed plan.
- F. Design Drawings and Specifications. For design drawings please refer to the enclosed plan. The following specifications will be utilized by the site contractor during construction of the project.



APPENDIX A

EROSION CONTROL PLAN SPECIFICATIONS

A. General

1. All work and measures will be as per the Maine Erosion and Sediment Control BMPs manual.
2. The following specifications will be employed.

B. Prior to Construction

1. Prior to beginning of construction, erosion and sedimentation controls shall be in place.

C. During Construction

1. Exposed soil surfaces will be treated immediately if they are to remain ungraded more than 30 days, or if they are at final grades.
2. Drainage ways, either designed or incidental, will have filter barriers installed.
3. All work and materials necessary to minimize sediment loss from the site will be provided.
4. All erosion control measures will be inspected and repaired after every rainfall greater than ½-inch and at least daily during rain events lasting longer than 24 hours.

D. Post Construction

1. Erosion control measures will be maintained until permanent soil stabilization has been achieved with a growth of vegetation greater than 90%.

SOIL PROTECTION AND EROSION CONTROL

PART 1 - GENERAL

1.01 Description of Work



- A. Provide and maintain devices to control erosion, siltation, sedimentation, and dust that occur during construction operations. Undertake every reasonable precaution and do whatever is necessary to avoid erosion of soil and to prevent silting of wetland areas and drainage ditches.
- B. Provide measures to control dust caused whether on or off the project site.
- C. Deficiencies in erosion control measures indicated by failures or erosion will be corrected as soon as reasonably possible by providing additional measures or different techniques to correct the situation and prevent subsequent erosion.
- D. Exposure of soils on embankments, excavations, and graded areas will be kept as short as possible. Initiate seeding and other erosion control practices as soon as reasonably possible.

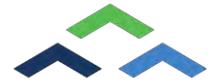
1.02 Quality Assurance

- A. Conform to all requirements of applicable Federal, State and local permits and conform to the recommendations of the Maine Erosion and Sediment Control BMPs (see Part B below) whether the measures are specifically noted herein, or not.
- B. Standards: Maine Erosion and Sediment Control BMPs Manual, hereinafter called Erosion Control Handbook.

PART 2 - PRODUCTS

2.01 Materials: Use the following materials to implement and construct erosion control measures.

- A. Hay Bale: Rectangular shaped bales of hay or straw weighting at least 40 pounds per bale; free from noxious weed seeds and rough or woody materials.
- B. Mulch: Type and use as specified by the Erosion Control Handbook
 - 1. Long fibered hay or straw in dry condition and which are relatively free of weeds and foreign matter detrimental to plant life.
 - 2. Mulch netting: Plastic or nylon mesh netting with approximate openings of 1/4-inch to 1-inch.



C. Permanent Seeding: Cut and fill slopes and disturbed areas will be stabilized as follows:

1. Four inches of loam will be spread over disturbed areas and smoothed to a uniform surface.
2. In lieu of tests, agricultural limestone will be spread at the rate of three tons per acre. 10-20-20 fertilizer will follow at the rate of 800 lbs. per acre. These two soil additives will be incorporated into the soil prior to seeding.
3. Following seed bed preparation, back slopes will be seeded to a mixture of 83% creeping red fescue, and 17% rye grass. Seeding rate is 3 lbs. per 1,000 square feet. Lawn quality sod may be substituted for seed.
4. Hay mulch at the rate of 90 lbs. per 1,000 square feet of a hydro-application of asphalt, wood, or paper fiber will be applied following seeding. A suitable binder such as curason or terrtack will be used on hay mulch for wind control.
5. If final seeding of the disturbed areas is not completed by September 15th of the year of the construction, then on that date these areas will be graded and a cover crop of rye at the rate of 112 lbs/acre or 3 lbs/1,000 sq. ft. will be applied. The rye seeding will be preceded by an application of 3 tons of lime and 800 lbs. of 10-20-20 fertilizer or its equivalent and covered by a layer of jute mat to aide in stabilization.

PART 3 - EXECUTION

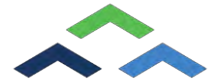
3.01 Construction

A. Silt Fence

1. Install as directed by Erosion Control Handbook.

B. Hay Bales:

1. Install as directed by Erosion Control Handbook, and stake with required stakes.



C. Mulch:

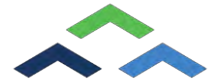
1. Undertake after each area has been properly prepared.
2. When seed for erosion control is sown prior to placing the mulch, place mulch on the seeded areas within 48 hours after seeding.
3. Blowing chopped mulch will be permitted.
4. Hay mulch should cover the ground enough to shade it, but the mulch should not be so thick that a person standing cannot see the ground through the mulch.
5. Remove matted mulch or bunches.

D. Temporary Erosion Control Matting (where necessary):

1. Surface Preparation:
 - a. Conform to grades for slopes and ditches shown of the drawings.
 - b. Finish to a smooth and even condition with all debris, roots, stones, and lumps raked out and removed.
 - c. Loosen soil surface to permit bedding of the matting.
 - d. Unless otherwise directed, apply seed prior to placement.
2. Installation:
 - a. Place strips lengthwise in the direction of the flow of water.
 - b. Where strips are laid parallel or meet as in a tee, overlap at least four inches.
 - c. Overlap ends at least six inches in a shingle fashion.
 - d. The up-slope end of each strip of the matting will be turned down and buried to a depth of not less than six inches with the soil firmly tamped against it.
 - e. Build check slots at right angles to the direction of the flow of water. Space so that one check slot or one end occurs within each 50 feet of slope length. Construct by placing a tight fold of the matting at least six inches vertically into the ground and tamp the same as up-slope ends.
 - f. Bury edges of matting around the edges of the catch basins and other structures.
 - g. Where determined by the Engineers, additional seed will be spread over matting, particularly at those locations disturbed by building the slots. Matting will then be pressed onto the ground with a light lawn roller or by other satisfactory means.



- h. Drive staples vertically into the ground flush with the surface.
 - i. On slopes flatter than 4:1, space staples not more than three feet and one row, alternately spaced, down the center.
 - j. On grades 4:1 or steeper, place in the same three rows, but spaced two feet apart.
 - k. On all overlapping or butting edges, double the number of staples, with the spacing halved; all ends of the matting and all required check slots will likewise have staples spaced every foot.
- E. Permanent Seeding:
- 1. Seed with appropriate seeds and application rates as noted in Section 2.01C.
 - 2. Mulch areas where seeding has been applied. Do not mulch seeded areas where matting will be immediately installed.
- F. Topsoil Storage:
- 1. Topsoil which is stockpiled on the site for use in loam applications will be placed out of natural drainages, in piles that have side slopes of 2:1 to 1.5:1.
 - 2. A trench (depth as required) will be constructed around the base of the pile to prevent eroding soil from washing into drainages.
- G. Dust Control: Utilize the application of sprinkled water to reduce the emission of airborne soil particulates from the Project site.
- H. Temporary Berms: Construct temporary barriers along the toe of embankments using side drains as necessary.
- I. In-Water Work
- Refer to the Erosion Control Handbook, Section III:95. Control devices include:
- 1. Floating Turbidity Curtain
 - 2. Cofferdams
 - 3. Dewatering
 - 4. Temporary Sediment Basin
 - 5. Geotextile Filter Bags
- H. Temporary Basins: Construct temporary sedimentation basins adequate to avoid siltation of surface water bodies.



I. Other Temporary Measures:

1. Type and use will be as specified in the Erosion Control Handbook.

J. Winter Stabilization Notes

1. At this time, it is expected that soil disturbance will occur during winter months. If construction is performed during these times, the following construction practices will be followed.
 - a. All disturbed areas not stabilized with stone or other measures will have approved erosion control matting installed and be dormant seeded.
 - b. No frozen soil material or material containing significant snow or ice will be used for fill material.
 - c. All material stockpiles will have silt fence and/or hay bales installed downgradient of piles.
 - d. Follow general erosion control notes described previously wherever possible and as conditions permit.

3.02 Maintenance

- A. Inspect erosion control practices immediately after each rainfall greater than ½-inch and at least daily during rainfall lasting longer than 24 hours or snowmelt for damage. Provide maintenance and make appropriate repairs or replacement.
- B. Remove silt from around hay bales when it has reached one foot above grade or prior to expected heavy runoff or siltation.
- C. Repair matting if any staples become loosened or raised, or if any matting becomes loose, torn, or undermined, make satisfactory repairs immediately.

3.03 Removal of Temporary Erosion Control

- A. Remove temporary materials and devices when permanent soil stabilization has been substantially achieved. For vegetated areas, substantially complete means 95% vegetated cover has been established.
- B. Level and grade to the extent required to present a sightly appearance and to prevent any obstruction of the flow of water or any other interference with the operation of or access to the permanent works.
- C. Remove unsuitable materials from site and dispose of in a lawful manner.



APPENDIX B

INSPECTION AND MAINTENANCE

The following Maintenance Plan will be employed for this Site. Bowden Point Properties will be responsible for all maintenance. Erosion control measures for this site were designed by:

Chip Haskell, P.E.
Haley Ward, Inc.
One Merchants Plaza, 7th Floor
Bangor, Maine 04412
(207) 989-4824
chaskell@haleyward.com

A Pre- and Post-Construction Maintenance Plan for the stormwater management system and erosion control measures are included in this section.



MAINTENANCE PLAN

The MDEP's Stormwater Management for Maine: Best Management Practices (2006), and the MDEP's Chapter 500: Stormwater Management were used as guidelines in the development of this Maintenance Plan. General maintenance requirements are listed below.

A. DURING CONSTRUCTION

The general contractor will be responsible for the inspection and maintenance of all stormwater management system components during construction.

Inspection: Inspection of disturbed and impervious areas, erosion control measures, materials' storage areas that are exposed to precipitation, and locations where vehicles enter or exit the site will be performed at least once a week as well as before and after a storm event, and prior to completing permanent stabilization measures. Inspections shall be conducted by a person with knowledge of erosion and stormwater control, including the standards and conditions in the permit.

Maintenance: All erosion control measures will be kept in effective operating condition until areas are permanently stabilized. If BMPs need to be maintained or modified, additional BMPs are necessary, or other corrective action is needed, implementation will be completed within 7 calendar days and prior to any rainfall event.

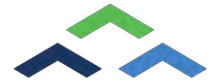
Documentation: A log shall be kept summarizing the inspections and any corrective action taken. A copy of the log is provided at the end of this section, and is titled, Construction Inspection Log.

B. POST-CONSTRUCTION

The Owner or their assigns will be responsible for the inspection and maintenance of all stormwater management system components.

Inspection and Corrective Action

1. Vegetated Areas: Inspections and maintenance of vegetated areas will be performed early in the growing season or after significant rainfall to identify any erosion problems. Areas where erosion is evident will be covered with an appropriate lining, or erosive flows will be diverted to an area able to handle the flows. Any bare areas or areas with sparse growth will be replanted.



2. In-Water Work

Turbidity Curtains: Check for proper function when sedimentation is occurring. Sediment should be fully contained by the floating turbidity curtain. Signs of leakage or bypass should be assessed and addressed immediately. Inspect the floating turbidity curtain weekly, on windy days, and before, during, and after storm events. Ensure that the connections between curtain sections and the connections to the anchor lines are secure. Keep any debris that might damage the fabric clear from the curtain. If the curtain is damaged while construction is ongoing, it should be repaired in-place in order to maintain its function. After each use, the curtain should be spread out on a flat surface, cleaned thoroughly by brushing with water and detergent, rinsed and allowed to dry. Patch tears and abrasions using special cements and fabric obtainable from the manufacturer.

Stream Diversions:

Preparations may include obtaining and readying additional pumps, raising the cofferdam height, stabilizing the work area, and removing debris from the diversion pipe. Remove the diversion immediately upon completion of in-water work.

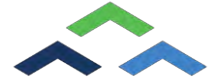
Cofferdams:

Inspect daily throughout use. Repair and reposition any damaged or displaced cofferdam components. Repair washouts or other damage as needed. Sandbags should be removed by hand to prevent breakage and unnecessary disturbance of the streambed. When using an upstream and downstream dam, remove the downstream dam first.

Dewatering:

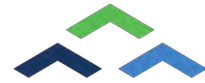
Cofferdam Integrity – Observe any increases in seepage rate. If changes are observed, locate and repair leaks. Water Quality – Observe any clean water discharges to the resource, to ensure that they remain clean. If they are not, redistribute discharges as appropriate and correct any deficiencies. Temporary Sedimentation Devices – Verify proper function of the temporary sedimentation devices. Conduct cleaning and/or installation of additional capacity as necessary.

3. Inspection: shall be performed by an individual with experience and/or training on the maintenance and functions of these devices.



Documentation: A log will be kept summarizing the inspections, maintenance, and any corrective action taken. A copy of the log is provided at the end of this section, and is titled, BMP Inspection Log.

4. Recertification Requirement: Within three months of the expiration of each five-year interval from the date of issuance of the permit, the permittee shall certify the following to the department.
 - a. All areas of the project site have been inspected for areas of erosion, and appropriate steps have been taken to permanently stabilize these areas.
 - b. All aspects of the stormwater control system have been inspected for damage, wear, and malfunction, and appropriate steps have been taken to repair or replace the facilities.
 - c. The erosion and stormwater maintenance plan for the site is being implemented as written, or modifications to the plan have been submitted to and approved by the department, and the maintenance log is being maintained.



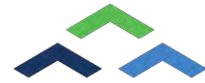
APPENDIX C

HOUSEKEEPING

1. Spill Prevention - During construction, controls will be used to prevent pollutants from being discharged from materials on site, including storage practices to minimize exposure of the materials to stormwater, and appropriate spill prevention, containment, and response planning and implementation.
2. Groundwater Protection - During construction, liquid petroleum products and other hazardous materials with the potential to contaminate groundwater will not be stored or handled in areas of the site draining to an infiltration area. Dikes, berms, sumps, and other forms of secondary containment that prevent discharge to groundwater may be used to isolate portions of the site for the purposes of storage and handling of these materials.
3. Fugitive Sediment and Dust - Actions will be taken to ensure that activities do not result in noticeable erosion of soils or fugitive dust emissions during or after construction. Oil will not be used for dust control. Water will be used for dust control during construction.

Operations during wet months that cause mud to be tracked off the site onto public roads will provide sweeping of the road areas at least once per week and prior to significant storm events.

4. Debris and Other Materials - Litter, construction debris, and chemicals exposed to stormwater will be prevented from becoming a pollutant source. The nature of this development will not cause problems related to debris and other materials.
5. Trench or Foundation De-Watering - If de-watering is necessary, the collected water will be removed from the ponded area and spread through natural wooded buffers or discharged into a construction sedimentation basin. The water will not be allowed to flow over disturbed areas to the site.



**INSPECTION AND MAINTENANCE PLAN
FOR STORMWATER MANAGEMENT STRUCTURES (BMPS)**

	INSPECTION SCHEDULE	CORRECTIVE ACTIONS
VEGETATED AREAS	Annually early spring and after heavy rains	Inspect all slopes and embankments and replant areas of bare soil or with sparse growth
		Armor rill erosion areas with riprap or divert the runoff to a stable area
		Inspect and repair down-slope of all spreaders and turn-outs for erosion
		Mow vegetation as specified for the area
DITCHES, SWALES AND OPEN STORMWATER CHANNELS	Annually spring and late fall and after heavy rains	Remove obstructions, sediments or debris from ditches, swales and other open channels
		Repair any erosion of the ditch lining
		Mow vegetated ditches
		Remove woody vegetation growing through riprap
		Repair any slumping side slopes
		Repair riprap where underlying filter fabric or gravel is showing or if stones have dislodged
CULVERTS	Spring and late fall and after heavy rains	Remove accumulated sediments and debris at the inlet, outlet, or within the conduit
		Remove any obstruction to flow
		Repair any erosion damage at the culvert's inlet and outlet
CATCHBASINS	Annually in the spring	Remove sediments and debris from the bottom of the basin and inlet grates
		Remove floating debris and oils (using oil absorptive pads) from any trap
ROADWAYS AND PARKING AREAS	Annually in the spring or as needed	Clear and remove accumulated winter sand in parking lots and along roadways
		Sweep pavement to remove sediment
		Grade road shoulders and remove accumulated winter sand
		Grade gravel roads and gravel shoulders
		Clean-out the sediment within water bars or open-top culverts
		Ensure that stormwater runoff is not impeded by false ditches of sediment in the shoulder
RESOURCE AND TREATMENT BUFFERS	Annually in the spring	Inspect buffers for evidence of erosion, concentrated flow, or encroachment by development
		Manage the buffer's vegetation with the requirements in any deed restrictions
		Repair any sign of erosion within a buffer
		Inspect and repair down-slope of all spreaders and turn-outs for erosion
		Install more level spreaders, or ditch turn-outs if needed for a better distribution of flow
		Clean-out any accumulation of sediment within the spreader bays or turnout pools
WETPONDS AND DETENTION BASINS	Annually in fall and after heavy rains	Inspect the embankments for settlement, slope erosion, piping, and slumping
		Mow the embankment to control woody vegetation
		Inspect the outlet structure for broken seals, obstructed orifices, and plugged trash racks
		Remove and dispose of sediments and debris within the control structure
		Repair any damage to trash racks or debris guards
		Replace any dislodged stone in riprap spillways
		Remove and dispose of accumulated sediments within the impoundment and forebay
FILTRATION AND INFILTRATION BASINS	Annually in the spring and late fall	Clean the basin of debris, sediment and hydrocarbons
		Provide for the removal and disposal of accumulated sediments within the basin
		Renew the basin media if it fails to drain within 72 hours after a one inch rainfall event
		Till, seed and mulch the basin if vegetation is sparse
		Repair riprap where underlying filter fabric or gravel is showing or where stones have dislodged
PROPRIETARY DEVICES	As specified by manufacturer	Contract with a third-party for inspection and maintenance
		Follow the manufacturer's plan for cleaning of devices
OTHER PRACTICES	As specified for devices	Contact the department for appropriate inspection and maintenance requirements for other drainage control and runoff treatment measures.



ATTACHMENT 11
SITE CONDITIONS REPORT



ATTACHMENT 11

SITE CONDITIONS REPORT

EXISTING CONDITIONS PLAN

See Project Plans for the existing site conditions which show resources boundaries and components of the proposed construction activities.

SITE CONDITIONS DESCRIPTION

The proposed pier will extend into the Penobscot River from the northern shore of Bowden Point. The pier will be located on what is currently a small peninsula composed of rocks and fill material. The feature is approximately 95 feet wide and extends approximately 300 feet into the river at low tide. There is a stream that drains into the Penobscot river approximately 130 to the southeast of the project area.

The inland area along the shoreline is heavily wooded, consisting mainly of pine trees. The shoreline is described as a boulder/cobble beach, being dominated by boulders of varying size and loose rounded rocks. The beach transitions into mudflats closer to the channel. The existing peninsula is covered in rockweed and marsh grasses. Patches of rockweed are also found throughout the mud flat areas attached to boulders.

Information and Planning Consultation through the US Fish and Wildlife Service identified two endangered species habitats in the project area: Northern Long-eared Bat and Atlantic Salmon.

Both upriver and downriver of the project area, the shoreline is considered moderately stable. The beach areas consists mainly of boulders and smaller rocks, and is exposed to tidal activity.

The proposed development is within a mapped flood Zone (Zone VE), as shown on the attached FEMA map. The pier will be installed with adequate supports to ensure that the structure will remain stable and undamaged in the event of flooding and storm surges.

The Penobscot River channel is approximately 5,150 feet wide at the location of the development. There will be no fill added to the navigable channel, and material removal will only include what is required to install the cofferdam supports.

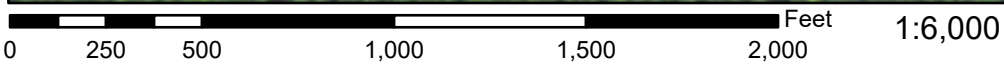
National Flood Hazard Layer FIRMMette



68°50'48"W 44°36'18"N


























USGS The National Map: Orthoimagery. Data refreshed October, 2020.





68°50'11"W 44°35'53"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	 Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>  With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>  Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>  Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS	 NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>  Effective LOMRs  Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES	 Channel, Culvert, or Storm Sewer  Levee, Dike, or Floodwall
OTHER FEATURES	 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  17.5 Coastal Transect  Base Flood Elevation Line (BFE)  Limit of Study  Jurisdiction Boundary  Coastal Transect Baseline  Profile Baseline  Hydrographic Feature
MAP PANELS	 Digital Data Available  No Digital Data Available  Unmapped





The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/9/2020 at 2:00 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Maine Ecological Services Field Office

P. O. Box A

East Orland, ME 04431

Phone: (207) 469-7300 Fax: (207) 902-1588

<http://www.fws.gov/mainefieldoffice/index.html>

In Reply Refer To:

November 04, 2020

Consultation Code: 05E1ME00-2021-SLI-0143

Event Code: 05E1ME00-2021-E-00393

Project Name: salmons Quarry

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies the threatened, endangered, candidate, and proposed species and designated or proposed critical habitat that may occur within the boundary of your proposed project or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC Web site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the Endangered Species Consultation Handbook at: <http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

This species list also identifies candidate species under review for listing and those species that the Service considers species of concern. Candidate species have no protection under the Act but are included for consideration because they could be listed prior to completion of your project. Species of concern are those taxa whose conservation status is of concern to the Service (i.e., species previously known as Category 2 candidates), but for which further information is needed.

If a proposed project may affect only candidate species or species of concern, you are not required to prepare a Biological Assessment or biological evaluation or to consult with the Service. However, the Service recommends minimizing effects to these species to prevent future conflicts. Therefore, if early evaluation indicates that a project will affect a candidate species or species of concern, you may wish to request technical assistance from this office to identify appropriate minimization measures.

Please be aware that bald and golden eagles are not protected under the Endangered Species Act but are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). Projects affecting these species may require development of an eagle conservation plan: http://www.fws.gov/windenergy/eagle_guidance.html Information on the location of bald eagle nests in Maine can be found on the Maine Field Office Web site: <http://www.fws.gov/mainefieldoffice/Project%20review4.html>

Additionally, wind energy projects should follow the wind energy guidelines: <http://www.fws.gov/windenergy/> for minimizing impacts to migratory birds and bats. Projects may require development of an avian and bat protection plan.

Migratory birds are also a Service trust resource. Under the Migratory Bird Treaty Act, construction activities in grassland, wetland, stream, woodland, and other habitats that would result in the take of migratory birds, eggs, young, or active nests should be avoided. Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g.,

cellular, digital television, radio, and emergency broadcast) can be found at:
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm> and at:
<http://www.towerkill.com>; and at:
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Maine Ecological Services Field Office

P. O. Box A

East Orland, ME 04431

(207) 469-7300

Project Summary

Consultation Code: 05E1ME00-2021-SLI-0143

Event Code: 05E1ME00-2021-E-00393

Project Name: salmons Quarry

Project Type: DEVELOPMENT

Project Description: Pier

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/44.60144167112942N68.84220440404027W>



Counties: Waldo, ME

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

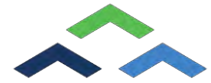
Fishes

NAME	STATUS
Atlantic Salmon <i>Salmo salar</i> Population: Gulf of Maine DPS There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2097	Endangered

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Atlantic Salmon <i>Salmo salar</i> https://ecos.fws.gov/ecp/species/2097#crithab	Final



ATTACHMENT 12

NOTICES

Notice of Intent

Abutters List

Certified Mail List and Receipts

**PUBLIC NOTICE:
NOTICE OF INTENT TO FILE AND
NOTICE OF PUBLIC INFORMATIONAL MEETING**

Please take notice that Salmons Incorporated, P.O Box 57008, Virginia Beach, VA 23457, 757-409-0246 is intending to file a Permit Application with the Maine Department of Environmental Protection pursuant to the Site Location of Development Act permit application under the provisions of 38 M.R.S.A. §§ 481 thru 490, as well as a Natural Resources Protection Act permit application pursuant to provisions of 38 M.R.S.A §§ 480-A thru 480-BB on or about December 20, 2021. The application is for the permitting of an approximately 50-acre mineral processing facility and associated pier, located off the Bowden Point Road in Prospect, Maine.

A virtual Public Informational Meeting will be held at 11:00 AM on December 13, 2021. To obtain the necessary call information please contact Haley Ward at 207-989-4824 before 5:00 PM on December 12, 2021. The purpose of this meeting is to provide information about this project to any interested parties.

A request for a public hearing or a request that the Board of Environmental Protection assume jurisdiction over this application must be received by the Department in writing, no later than 20 days after the application is found by the Department to be complete and is accepted for processing. A public hearing may or may not be held at the discretion of the Commissioner or Board of Environmental Protection. Public comment on the application will be accepted throughout the processing of the application.

Applications will be filed for public inspection at the Department of Environmental Protection's office in Bangor during normal working hours. A copy of the application may also be seen at the municipal offices in Prospect, Maine.

Written public comments on the Applications may be sent to the Department's regional office in Augusta where the applications are filed for public inspection: MDEP, Eastern Maine Regional Office, 106 Hogan Road, Bangor, ME 04401.



BOWDEN POINT PROPERTIES, LLC
PROSPECT QUARRY PROCESSING FACILITY, PROSPECT, MAINE
ABUTTER LIST as of NOVEMBER 30, 2021

MAP	LOT	NAME AND MAILING ADDRESS
11	4	BOWDEN POINT PROPERTIES PO BOX 54008, VIRGINIA BEACH, VA 23457
11	22	HANSON, TODD H. 44 MIDDLE ST. UNIT 412 BUCKSPORT ME 04416
11	25-1	PERRY, MIRIAM & PERRY, EDWARD F. & REGINA 144 FORT KNOX ROAD PROSPECT ME 04981
11	27	PERRY, MIRIAM & PERRY, EDWARD F. & REGINA 144 FORT KNOX ROAD PROSPECT ME 04981
11	28	PERRY, MIRIAM & PERRY, EDWARD F. & REGINA 144 FORT KNOX ROAD PROSPECT ME 04981
11	29	BOWDEN POINT PROPERTIES PO BOX 54008, VIRGINIA BEACH, VA 23457
11	30	PERRY, MIRIAM & PERRY, EDWARD F. & REGINA 144 FORT KNOX ROAD PROSPECT ME 04981
11	31	BOWDEN POINT PROPERTIES PO BOX 54008, VIRGINIA BEACH, VA 23457



BOWDEN POINT PROPERTIES PROSPECT, MAINE

CERTIFIED MAIL LIST & RECEIPTS

Mailed: Tuesday, November 30, 2021

Town of Prospect
958 Bangor Road
Prospect, Maine 04981

Bowden Point Properties
PO Box 54008
Virginia Beach, VA-23457

Todd H. Hanson
44 Middle Street, Unit 412
Bucksport, Maine 04416

Edward & Regina & Miriam Perry
144 Fort Knox Road
Prospect, Maine 04981

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Registered Mail Fee: 3.15

Postage and Fees: 1.85

Postage: .53

Total Postage and Fees: 6.13

Send To: **Town of Prospect**
Street Address: **958 Bangor Rd**
City, State, ZIP+4: **Prospect, ME 04981**

PS Form 3800, April 2019

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Registered Mail Fee: 3.15

Postage and Fees: 1.85

Postage: .53

Total Postage and Fees: 6.13

Send To: **Bowden Point Properties**
Street Address: **PO Box 54008**
City, State, ZIP+4: **Virginia Beach, VA 23457**

PS Form 3800, April 2019

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Registered Mail Fee: 3.15

Postage and Fees: 1.85

Postage: .53

Total Postage and Fees: 6.13

Send To: **Todd H. Hanson**
Street Address: **44 Middle Street**
City, State, ZIP+4: **Bucksport, ME 04416**

PS Form 3800, April 2019

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Registered Mail Fee: 3.15

Postage and Fees: 1.85

Postage: .53

Total Postage and Fees: 6.13

Send To: **Edward, Regina & Miriam Perry**
Street Address: **144 Fort Knox Rd**
City, State, ZIP+4: **Prospect, ME 04981**

PS Form 3800, April 2019



ATTACHMENT 13

MHPC CONSULATATION
Tribal Letters



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF
INLAND FISHERIES & WILDLIFE
284 STATE STREET
41 STATE HOUSE STATION
AUGUSTA ME 04333-0041



JUDITH CAMUSO
COMMISSIONER

February 18, 2021

Alfred Haskell
Haley Ward
One Merchants Plaza, Suite 701
Bangor, ME 04401

RE: Information Request – Salmons Quarry Project, Prospect

Dear Alfred:

Per your request received on January 08, 2021, we have reviewed current Maine Department of Inland Fisheries and Wildlife (MDIFW) information for known locations of Endangered, Threatened, and Special Concern species; designated Essential and Significant Wildlife Habitats; and inland fisheries habitat concerns within the vicinity of the *Salmons Quarry* project in Prospect.

Our Department has not mapped any Essential Habitats that would be directly affected by your project.

Endangered, Threatened, and Special Concern Species

Bat Species – Of the eight species of bats that occur in Maine, the three *Myotis* species are protected under Maine's Endangered Species Act (MESA) and are afforded special protection under 12 M.R.S §12801 - §12810. The three *Myotis* species include little brown bat (State Endangered), northern long-eared bat (State Endangered), and eastern small-footed bat (State Threatened). The five remaining bat species are listed as Special Concern: big brown bat, red bat, hoary bat, silver-haired bat, and tri-colored bat. While a comprehensive statewide inventory for bats has not been completed, based on historical evidence it is likely that several of these species occur within the project area during migration and/or the breeding season. However, our Agency does not anticipate significant impacts to any of the bat species as a result of this project.

Significant Wildlife Habitat

Significant Vernal Pools - At this time, MDIFW Significant Wildlife Habitat maps indicate no known presence of Significant Vernal Pools in the project search area; however, a comprehensive statewide inventory for Significant Vernal Pools has not been completed. Therefore, we recommend that surveys for vernal pools be conducted within the project boundary by qualified wetland scientists prior to final project design to determine whether there are Significant Vernal Pools present in the area. These surveys should extend up to 250 feet beyond the anticipated project footprint because of potential performance standard requirements for off-site Significant Vernal Pools, assuming such pools are located on land owned or controlled by the applicant. Once surveys are completed, survey forms should be submitted to our Agency for review well before to the submission of any necessary permits. Our Department will need to review and verify any vernal pool data prior to final determination of significance.

Tidal Waterfowl Wading Bird Habitat (TWWH) – This search area includes TWWH, a Significant Wildlife Habitat under Maine's Natural Resources Protection Act. TWWHs provide important feeding

and/or breeding habitat for diverse waterfowl and wading bird species. Birds utilize intertidal mudflats, eelgrass, and mussel beds to forage for aquatic invertebrates, a primary food source, and maintaining natural tidal flow is essential to maintaining healthy intertidal areas and food sources to support waterfowl and wading bird species. Based on the location of the search area in relation to this habitat, we recommend that you design your project to provide as much undisturbed buffer as possible to protect this habitat.

Fisheries Habitat

We recommend that 100-foot undisturbed vegetated buffers be maintained along streams. Buffers should be measured from the edge of stream or associated fringe and floodplain wetlands. Maintaining and enhancing buffers along streams that support coldwater fisheries is critical to the protection of water temperatures, water quality, natural inputs of coarse woody debris, and various forms of aquatic life necessary to support conditions required by many fish species. Stream crossings should be avoided, but if a stream crossing is necessary, or an existing crossing needs to be modified, it should be designed to provide full fish passage. Small streams, including intermittent streams, can provide crucial rearing habitat, cold water for thermal refugia, and abundant food for juvenile salmonids on a seasonal basis and undersized crossings may inhibit these functions. Generally, MDIFW recommends that all new, modified, and replacement stream crossings be sized to span at least 1.2 times the bankfull width of the stream. In addition, we generally recommend that stream crossings be open bottomed (i.e. natural bottom), although embedded structures which are backfilled with representative streambed material have been shown to be effective in not only providing habitat connectivity for fish but also for other aquatic organisms. Construction Best Management Practices should be closely followed to avoid erosion, sedimentation, alteration of stream flow, and other impacts as eroding soils from construction activities can travel significant distances as well as transport other pollutants resulting in direct impacts to fish and fisheries habitat. In addition, we recommend that any necessary instream work occur between July 15 and October 1.

This consultation review has been conducted specifically for known MDIFW jurisdictional features and should not be interpreted as a comprehensive review for the presence of other regulated features that may occur in this area. Prior to the start of any future site disturbance we recommend additional consultation with the municipality, and other state resource agencies including the Maine Natural Areas Program, Maine Department of Marine Resources, and Maine Department of Environmental Protection in order to avoid unintended protected resource disturbance.

Please feel free to contact my office if you have any questions regarding this information, or if I can be of any further assistance.

Best regards,



Becca Settele
Wildlife Biologist

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4938000

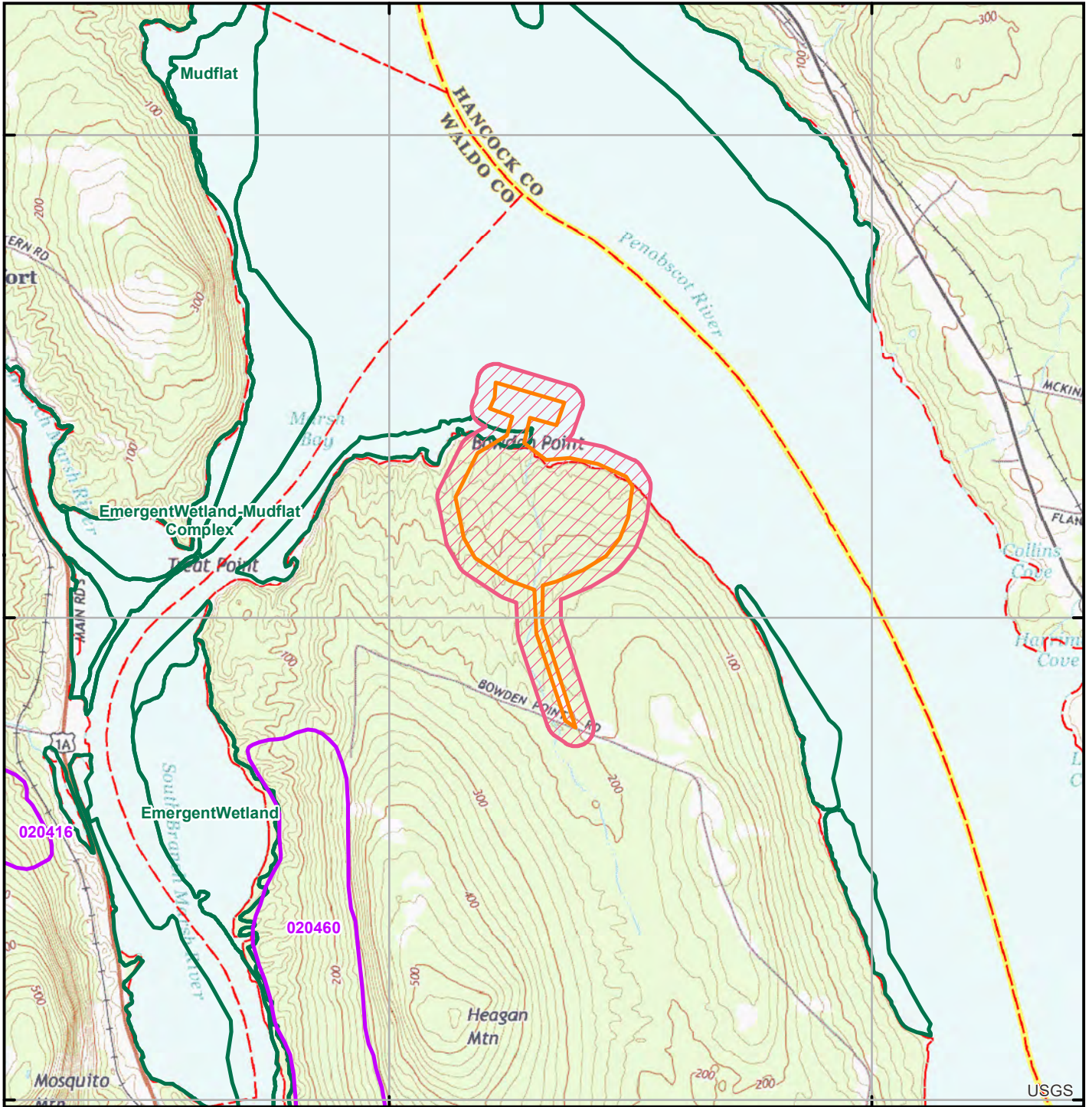
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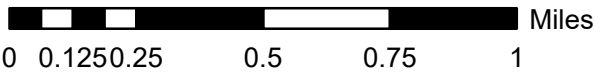


Environmental Review of Fish and Wildlife Observations and Priority Habitats

Project Name: **Salmons Quarry, Prospect**
(Version 2)

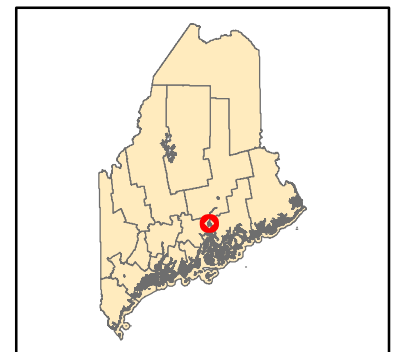


Maine Department of
Inland Fisheries and Wildlife



Projection: UTM, NAD83, Zone 19N

Date: 1/12/2021





United States Department of the Interior



FISH AND WILDLIFE SERVICE

Maine Ecological Services Field Office

P. O. Box A

East Orland, ME 04431

Phone: (207) 469-7300 Fax: (207) 902-1588

<http://www.fws.gov/mainefieldoffice/index.html>

In Reply Refer To:

September 21, 2021

Consultation Code: 05E1ME00-2021-SLI-1777

Event Code: 05E1ME00-2021-E-05540

Project Name: Salmons Quarry

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies the threatened, endangered, candidate, and proposed species and designated or proposed critical habitat that may occur within the boundary of your proposed project or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

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<http://www.towerkill.com>; and at:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

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- Official Species List
-

Official Species List

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This species list is provided by:

Maine Ecological Services Field Office

P. O. Box A

East Orland, ME 04431

(207) 469-7300

Project Summary

Consultation Code: 05E1ME00-2021-SLI-1777

Event Code: Some(05E1ME00-2021-E-05540)

Project Name: Salmons Quarry

Project Type: MINING

Project Description: Quarry and Processing Facility

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@44.59874875,-68.83792091288339,14z>



Counties: Waldo County, Maine

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Fishes

NAME	STATUS
Atlantic Salmon <i>Salmo salar</i> Population: Gulf of Maine DPS There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2097	Endangered

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Atlantic Salmon <i>Salmo salar</i> https://ecos.fws.gov/ecp/species/2097#crithab	Final



STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY
177 STATE HOUSE STATION
AUGUSTA, MAINE 04333

JANET T. MILLS
GOVERNOR

AMANDA E. BEAL
COMMISSIONER

January 21, 2021

Alfred Haskell
Haley Ward
One Merchants Plaza, Suite 701
Bangor, ME 04401

Via email: chaskell@haleyward.com

Re: Rare and exemplary botanical features in proximity to: #12617.001, Salmons Quarry, Prospect, Maine

Dear Mr. Haskell:

I have searched the Maine Natural Areas Program's Biological and Conservation Data System files in response to your request received January 8, 2021 for information on the presence of rare or unique botanical features documented from the vicinity of the project in Prospect, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. This lack of data may indicate minimal survey efforts rather than confirm the absence of rare botanical features. You may want to have the site inventoried by a qualified field biologist to ensure that no undocumented rare features are inadvertently harmed.

If a field survey of the project area is conducted, please refer to the enclosed supplemental information regarding rare and exemplary botanical features documented to occur in the vicinity of the project site. The list may include information on features that have been known to occur historically in the area as well as recently field-verified information. While historic records have not been documented in several years, they may persist in the area if suitable habitat exists. The enclosed list identifies features with potential to occur in the area, and it should be considered if you choose to conduct field surveys.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.

MOLLY DOCHERTY, DIRECTOR
MAINE NATURAL AREAS PROGRAM
BLOSSOM LANE, DEERING BUILDING



PHONE: (207) 287-804490
WWW.MAINE.GOV/DACF/MNAP

Letter to Haley Ward
Comments RE: Salmons Quarry, Prospect
January 21, 2021
Page 2 of 2

The Maine Natural Areas Program (MNAP) is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. MNAP welcomes coordination with individuals or organizations proposing environmental alteration or conducting environmental assessments. If, however, data provided by MNAP are to be published in any form, the Program should be informed at the outset and credited as the source.

The Maine Natural Areas Program has instituted a fee structure of \$75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for \$150.00 for two hours of our services.

Thank you for using MNAP in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,

Lisa St. Hilaire

Lisa St. Hilaire | Information Manager | Maine Natural Areas Program
207-287-8044 | lisa.st.hilaire@maine.gov

Rare and Exemplary Botanical Features within 4 miles of Project: #12617.001, Salmons Quarry, Prospect, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
Brackish Tidal Marsh						
	<null>	S3	GNR	2009	10	Tidal wetland (non-forested, wetland)
Estuary Bur-marigold						
	SC	S3	G4	2005-08-19	31	Tidal wetland (non-forested, wetland)
Marsh Bulrush						
	E	S1	G5	1973-08-31	5	Tidal wetland (non-forested, wetland)
Orono Sedge						
	T	S3	G3	1916-07-21	7	Old field/roadside (non-forested, wetland or upland)
Pale Green Orchis						
	SC	S2	G4?T4Q	1916-07-21	16	Non-tidal rivershore (non-forested, seasonally wet), Open wetland, not coastal nor rivershore (non-forested, wetland)
Spongy-leaved Arrowhead						
	SC	S3	G5T4	2008-07-23	43	Tidal wetland (non-forested, wetland)

STATE RARITY RANKS

- S1** Critically imperiled in Maine because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extirpation from the State of Maine.
- S2** Imperiled in Maine because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- S3** Rare in Maine (20-100 occurrences).
- S4** Apparently secure in Maine.
- S5** Demonstrably secure in Maine.
- SU** Under consideration for assigning rarity status; more information needed on threats or distribution.
- SNR** Not yet ranked.
- SNA** Rank not applicable.
- S#?** Current occurrence data suggests assigned rank, but lack of survey effort along with amount of potential habitat create uncertainty (e.g. S3?).

Note: **State Rarity Ranks** are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines State Rarity Ranks for animals.

GLOBAL RARITY RANKS

- G1** Critically imperiled globally because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extinction.
- G2** Globally imperiled because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- G3** Globally rare (20-100 occurrences).
- G4** Apparently secure globally.
- G5** Demonstrably secure globally.
- GNR** Not yet ranked.

Note: **Global Ranks** are determined by NatureServe.

STATE LEGAL STATUS

Note: State legal status is according to 5 M.R.S.A. § 13076-13079, which mandates the Department of Conservation to produce and biennially update the official list of Maine's **Endangered and Threatened** plants. The list is derived by a technical advisory committee of botanists who use data in the Natural Areas Program's database to recommend status changes to the Department of Conservation.

- E** ENDANGERED; Rare and in danger of being lost from the state in the foreseeable future; or federally listed as Endangered.
- T** THREATENED; Rare and, with further decline, could become endangered; or federally listed as Threatened.

NON-LEGAL STATUS

- SC** SPECIAL CONCERN; Rare in Maine, based on available information, but not sufficiently rare to be considered Threatened or Endangered.
- PE** Potentially Extirpated; Species has not been documented in Maine in past 20 years or loss of last known occurrence has been documented.

ELEMENT OCCURRENCE RANKS - EO RANKS

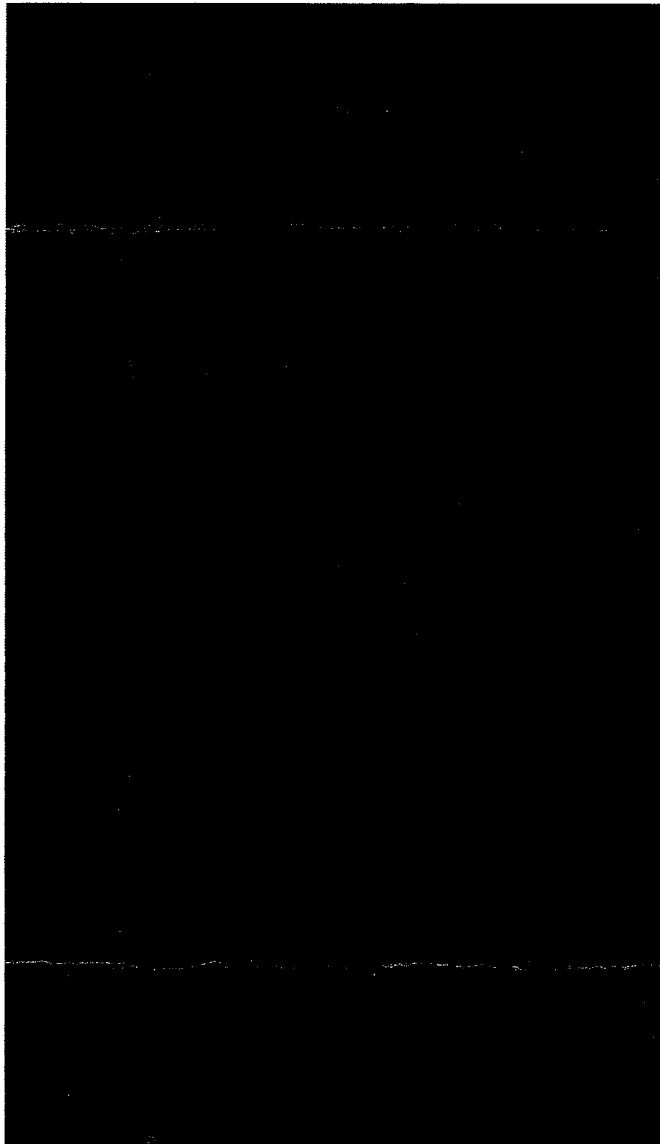
Element Occurrence ranks are used to describe the quality of a rare plant population or natural community based on three factors:

- **Size**: Size of community or population relative to other known examples in Maine. Community or population's viability, capability to maintain itself.
- **Condition**: For communities, condition includes presence of representative species, maturity of species, and evidence of human-caused disturbance. For plants, factors include species vigor and evidence of human-caused disturbance.
- **Landscape context**: Land uses and/or condition of natural communities surrounding the observed area. Ability of the observed community or population to be protected from effects of adjacent land uses.

These three factors are combined into an overall ranking of the feature of **A**, **B**, **C**, or **D**, where **A** indicates an **excellent** example of the community or population and **D** indicates a **poor** example of the community or population. A rank of **E** indicates that the community or population is **extant** but there is not enough data to assign a quality rank. The Maine Natural Areas Program tracks all occurrences of rare (S1-S3) plants and natural communities as well as A and B ranked common (S4-S5) natural communities.

Note: **Element Occurrence Ranks** are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines Element Occurrence ranks for animals.

Visit our website for more information on rare, threatened, and endangered species!
<http://www.maine.gov/dacf/mnap>





JANET T. MILLS
GOVERNOR

MAINE HISTORIC PRESERVATION COMMISSION
55 CAPITOL STREET
65 STATE HOUSE STATION
AUGUSTA, MAINE
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KIRK F. MOHNEY
DIRECTOR

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LEVEL 2**

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Northeast Archaeology Research Center, Inc.

Chip Haskell
Haley Ward
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Bangor, ME 04401

May 28, 2021

RE: Archaeological Phase I Survey of the Proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24)

Dear Chip:

We write to inform you of the completion of the archaeological phase I survey of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). The work was conducted by the Northeast Archaeology Research Center, Inc. (NEARC) on behalf of Haley Ward and their client Salmons Inc. The project area is located off Bowden Point Road on Bowden Point, which is formed by the confluence of the Marsh River and Penobscot River (Figures 1 and 2). The project includes an approximately 50-acre parcel of land proposed for the development of a quarry processing plant, pier and other related infrastructure (Figure 3). The actual quarrying activity will occur on a separate parcel.

The project area has never received archaeological survey but was determined to be archaeologically sensitive by the Maine Historic Preservation Commission (MHPC) during their initial project review (see MHPC review letter dated 2/10/2021). The MHPC indicated that the Salmons Quarry Operations Project parcel has a high probability for containing a Native American archaeological site(s) given the location near the confluence of the Marsh River and the Penobscot River as well as the presence of other known previously recorded sites in the vicinity, but not within the Project. Specifically, the MHPC requested survey of all areas of the property/project less than 60 ft in elevation above the high tide line, which equates to approximately 200 m from the shore depending on slope (Figure 4). Additionally, the MHPC requested that a post-contact archaeological survey be conducted as well due to the potential presence of three historic structures/dwellings that are mapped near the project vicinity in 1859, including the T. Stinson, J. Crockett and R. Bowden households, for whom the point is named.

The goal of the archaeological phase I survey was to determine if archaeological sites of potential significance are present within the proposed project area or to establish that it is unlikely that sites of potential significance are present. Significant sites are those that meet eligibility criteria for the National Register of Historic Places. The archaeological work adhered to standards and guidelines as determined by the Maine Historic Preservation Commission (MHPC) for archaeological studies in Maine.

As detailed below three newly recorded post-contact archaeological sites likely representing nineteenth and twentieth century residential households/farmsteads were identified during the phase I survey (MHPC site numbers pending). The sites are all located along the western boundary line of the project and the majority of the site components extend outside the project area. Given the location of the sites along the project edge, it is recommended that 25-ft construction free buffer zones be established around the historic resources (see Figure 2). If buffer zones are not feasible, then phase II testing is recommended to determine NRHP eligibility at any site(s) where construction impacts cannot be avoided. In addition to the three post-contact sites, a single pre-contact Native American site (MHPC site number pending) was newly identified on the basis of six weathered rhyolite flakes eroding from the shoreline of the Penobscot River. The Native American site falls approximately 40 m (130 ft) outside the project boundary and will not be impacted by project construction, therefore no further work is recommended for this site. Aside from the three post-contact sites, no additional buffer zones or archaeological work is recommended prior to project construction.

Project Description

The Project is situated on a point of land in Prospect known as Bowden Point that is formed by the confluence of the Marsh River on the west and the Penobscot River on the east. Heagan Mountain is the most dominate feature of the overall landscape and rises 166 m (545 ft) above sea level approximately 1.7 km (1.1 mi) to the southwest of the project. In general Bowden Point is characterized by rock and slope with a few scattered residential homes along Bowden Point Road, which travels along the top of the landform and offers views of the Penobscot River. The project area is on the northern tip of the point on the downslope side of Bowden Point Road where the land begins to descend steeply towards the Penobscot River.

The overall project area is wooded with signs of previous logging, but no other major prior disturbances are readily visible. Vegetation is mixed woodland and includes mature softwoods with an underbrush of both coniferous and deciduous growth. Tree species include birch, pine, aspen, spruce, fir, maple, and beech. Several logging roads and old farm roads crisscross the project, particularly on the north end. One of these established roads will be utilized as southern access for the project as it heads north from its intersection with Bowden Point Road.

No named streams are mapped within the project area, but several small seasonal drainages are present within the landscape and a flowing unnamed stream runs generally north-south just outside the northwest corner of the project, emptying into the Penobscot River near the proposed pier location. While there are no named drainages, much of the project area is dominated by rocky wetlands and bog. This is particularly true closer to the Penobscot River where the land is excessively rocky and dissected with little soil development.

As previously described, the project area is generally sloped to the north and east and elevations range from 203 ft at the southern point of access to 29 ft where the proposed pier is to be constructed. The slope is most severe on the southern end of the project and while still steep in some areas on the northern end, there are a few more level landforms in this portion of the project, which is the area where the phase I testing was primarily focused.

Archaeological Phase I Survey

Archaeological phase I survey was performed over four days from May 10 through May 13, 2021 and included the excavation of a total of 47 0.5 m x 0.5 m test pits situated at 5.0 and 10.0 m intervals along testing transects positioned to best sample archaeologically sensitive landforms (see Figure 4). As previously mentioned, in regard to pre-contact Native American sensitivity, the MHPC requested survey of all areas of the property/project less than 60 ft in elevation above the high tide line, which equates to approximately 200 m from the shore depending on slope (as indicated in Figures 2 and 4). The survey for post-contact archeology encompassed a broader area and included a walkover survey to determine the presence or absence of cellar holes or other evidence of historic residential or industrial occupations.

Results Pre-contact Native American Archaeological Testing

A total of 42 test pits were excavated along landforms sensitive for Native American archaeology. As depicted in Figures 5 and 6, the test pits were concentrated in two areas in the northern half of the project; one area is located where the pier/access road is proposed, and one area is to the east of the pier along the northern side of the proposed processing area.

The test pits (n= 18) at the proposed pier/access road were placed along eight sampling transects positioned to best test the landform and excavated to depths of 26 to 61 cm below ground surface (cmb) with an average depth of 53 cmb (Figure 7; Appendix I). Stratigraphy was generally consistent and included an uppermost 'Ao' organic horizon of black silty loam measuring 6 to 26 cm in thickness, overlying a developed 'B' soil horizon of yellow brown silty loam measuring 7 to 16 cm in thickness. Occasionally, the 'B' horizon was absent. All excavations were terminated within sterile, basal 'C' horizon soils characterized by 9 to 22 cm of light olive brown silty clay on top of a pale olive clay. These soils corroborate the NRCS soil classification for the area as Boothbay silt loam, which form from glaciolacustrine deposits and/or fine-silty marine deposits (USDA 2021).

The test pits (n=24) excavated along the north side of the proposed processing station to the east of the pier were placed along 10 sampling transects. The transects were positioned along the most level areas of the landscape, including a small, forested knoll that rises above the Penobscot as well as along a few smaller surrounding knolls separated by wetlands and rocky bog (Figure 8; Appendix 1). As previously mentioned, much of the area is sloped, but a few testable landforms are present. Stratigraphy was variable depending on the landform. Shallow, wet soils were encountered in some locations, primarily consisting of a black or dark grey brown silty loam 'Ao' or 'Ap' plow zone horizon overlying a light brownish grey silty loam 'C' horizon with occasional pebbles and cobbles and frequently saturated. In other areas, in particular transects 11, 14 and 15, more developed 'A', 'B', 'C' soil horizons were encountered and included an uppermost 'Ao' organic horizon of black silty loam measuring 12 to 28 cm in thickness, overlying a developed 'B' soil horizon of yellow brown silty loam measuring 7 to 15 cm in thickness, on top of a 'C' soil horizon characterized as a light brownish grey silty loam or clay with pebble and cobble inclusions and wet. All excavations were terminated within sterile, basal 'C' horizon soils or upon encountering water. These soils corroborate the NRCS soil classification for the area as Eldridge fine sandy loam, which form on outwash plains from a parent material of loamy lacustrine, marine, or sandy outwash deposits (USDA 2021).

No pre-contact Native American artifacts or features were identified within either of the tested areas during the phase I survey. As previously stated, one pre-contact Native American site was recorded along the shore of the Penobscot River represented by six pieces of weathered Rhyolite debitage that were found on the surface at low tide. The site is approximately 40 m (130 ft) outside the project boundary and will not be impacted by project construction.

Results of the Walkover Survey and Testing for Post-contact Archaeology

The walkover portion of the phase I survey for post-contact archaeology was performed by NEARC archaeologist Sarah Loftus on May 12th and 13th, 2021. During the survey historic maps were utilized in the field to try to identify any cellar holes or remnant features or artifacts associated with three 19th century households that appear near or within the project area in 1858 (Figure 9) (Chase 1858). Given the sloped and rocky nature of the landscape any long-term settlement/occupation would likely have been limited to the northern half of the project, which is where the historic structures are mapped. Two cellar holes (Historic Sites 1 and 3) were identified in this area as well as one site that includes a series of rock walls and a rock cluster (Historic Site 2). The three sites are briefly detailed individually below and will be further defined in the final report.

Historic Site 1

Historic Site 1 is located along the western project boundary on the west side of a cleared two-track road. The site consists of a stoned lined cellar hole and a dug, stone lined well (Figures 10 - 12). A surface survey of scattered artifacts and architectural materials at the site revealed late-nineteenth and early twentieth century artifacts, however it is possible an earlier mid-nineteenth century element is present. Two shovel tests were excavated and included 6 wire nails and 9 small fragments of redware.

Based on georeferencing, it appears likely that Historic Site 1 is in the location of the former residence of J. Crockett in 1858 (see Figure 9) (Chase 1858). A structure also appears in this general location on USGS topographic maps from the 1940s and the dwelling may have been occupied through that time period (Figure 13).

Historic Site 2

Based on the 1858 map, Historic Site 2 may represent remnant elements of the former household of D. Glidden (see Figure 9). No structures appear in this area on the 1940s USGS topographic maps and no definitive cellar hole was identified during the survey, but rock walls, a rock cluster and several old roadbeds fork in this location (Figures 14 and 15). As with Historic Site 1, the site is along the edge of the western project boundary. There is a level, grassy knoll to the southwest of the rock walls outside the project area that looks like the best place to build a structure if one was historically located in this area. Given the location of the knoll outside the project, this area was not tested, but two test pits were excavated near the stone wall alignments (see Figure 14). Both test pits were negative for cultural materials, but it is possible the stone walls are part of a larger farmstead that is mostly outside the project area to the west.

Historic Site 3

Historic Site 3 is on the very northern tip of the project on a gently sloped terrace above the Penobscot River at the end of the same dirt road that passes by Historic Site 1 (Figure 16). The site includes a cellar hole and a collapsed wooden outbuilding (Figure 17). The structure does not appear on the 1858 historic map but is present on 1940s USGS topographic maps (see Figures 9 and 13). Based on the construction materials, which include a poured concrete foundation walls on top of stone and a collapsed roof built with wire nails and asphalt shingles, it appears likely the dwelling was built or significantly modified during the early to mid- twentieth century. It is possible that earlier material underlies these later elements at the site, but this seems unlikely. The area surrounding the cellar hole is characterized by extremely thick bamboo and disturbed soils. A single shovel test excavated near the southeastern corner of the cellar hole within the project area was negative for cultural material, but further testing could reveal intact deposits.

Conclusions and Recommendations

Archaeological phase I survey has been completed for the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24) as part of the Section 106 review process for the project. Three newly recorded post-contact archaeological sites representing nineteenth and twentieth century residential households/farmsteads were identified during the phase I survey (MHPC site numbers pending).

The sites are all located along the western boundary of the project and the majority of the site components extend outside the project area (see Figure 2). Given the location of the sites along the project edge, it is recommended that 25-ft construction free buffer zones be established around the historic resources (see Figure 2). If buffer zones are not feasible, then phase II testing is recommended to determine NRHP eligibility at any site(s) where construction impacts cannot be avoided. In addition to the three post-contact sites, a single pre-contact Native American site (MHPC site number pending) was newly identified on the basis of six weathered Rhyolite flakes eroding from the shoreline of the Penobscot River. The Native American site falls approximately 40 m (130 ft) outside the project boundary and will not be impacted by project construction, therefore no further work is recommended for this site. Aside from the three post-contact sites, no additional buffer zones or archaeological work is recommended prior to project construction.

The full technical report detailing the results of the study will be submitted in the upcoming months. Please let us know if you have any questions and thank you for the opportunity to conduct this study.

Sincerely,



Sarah Loftus, PhD
Project Director, NE ARC, Inc.



Robert N. Bartone, M.A., RPA
Director, NE ARC, Inc.

References

Chase, W. H
1858 *A Topographical Map of Waldo County, Maine*. J. Chace., Jr. Philadelphia.

APPENDIX I: SELECT TEST PIT SEDIMENT PROFILES

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmons Quarry I State Site # _____ Test Pit TIP1
 Area/Locus _____ PN Area 1-100 PROV# 1 Feature #(s) _____
 Supervisor SRW Exc. Team MFN, CLB Recorder MFN Date 5/10/21

0cm		PN's / Artifacts, by level (see reverse for codes)	Soil Descriptions
0-10	A ₀	11 NAR	A ₀ 0-13 cm 2.5Y 2.5/1 Blk
10-20	B	2	SiLo
20-30	C ₁	3	B 13-26 cm
30-40	C ₂	4	10YR 5/4 YBn
40-50		5	SiLo
50-60		6	
60-70		7	C ₁ 26-38 cm
70-80		8	2.5Y 5/4 LtO/Bn
80-90		9	SiClay
90-100		10	
100-110		11	C ₂ 38-59 cm
110-120		12	5Y 6/3 Pale Olive
120-130		13	Clay Compact

Comments* NCM

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmons Quarry I State Site # _____ Test Pit TIP1
 Area/Locus _____ PN Area 1-100 PROV# 2 Feature #(s) _____
 Supervisor SRW Exc. Team MFN, CLB Recorder MFN Date 5/10/21

0cm		PN's / Artifacts, by level (see reverse for codes)	Soil Descriptions
0-10	A ₀	11 NAR	A ₀ 0-10 cm 2.5Y 2.5/1 Black
10-20		2	SiLo
20-30	C ₁	3	C ₁ 10-31 cm
30-40		4	2.5Y 5/4 LtO/Bn
40-50	C ₂	5	SiClay
50-60		6	
60-70		7	C ₂ 31-54 cm
70-80		8	5Y 6/3 Pale Ol
80-90		9	Compact Clay
90-100		10	
100-110		11	
110-120		12	
120-130		13	

Comments* NCM

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmans Quarry I State Site # Test Pit T5 P1
 Area/Locus PN Area 1-100 PROV# 6 Feature #(s)
 Supervisor SAW Exc. Team CLB, MFN Recorder CLB Date 5/10/21

PN's / Artifacts, by level (see reverse for codes)		Soil Descriptions	
0-10	A0	L1	NAR
10-20	B	2	
20-30		3	
30-40	C1	4	
40-50	C2	5	
50-60		6	
60-70		7	
70-80		8	
80-90		9	
90-100		10	
100-110		11	
110-120		12	
120-130		13	

Soil Descriptions:
 A0 = 0 - 7 cm
 2.5Y 2.5/1 blk
 Silo
 B = 7 - 23 cm
 10YR 5/4 Y-bn
 Silo
 C1 = 23 - 40 cm
 2.5Y 5/4 LtOIBn
 Silty
 C2 = 40 - 50 cm
 5Y 4/3 Plot
 Clay
 Compact

Comments* NCM

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmans Quarry I State Site # Test Pit T6 P3
 Area/Locus PN Area 101-200 PROV# 107 Feature #(s)
 Supervisor SRW Exc. Team NSG, JPA Recorder JPA Date 05/10/2001

PN's / Artifacts, by level (see reverse for codes)		Soil Descriptions	
0-10	A0	L1	
10-20		2	
20-30	C1	3	
30-40		4	
40-50	C2	5	
50-60		6	
60-70		7	
70-80		8	
80-90		9	
90-100		10	
100-110		11	
110-120		12	
120-130		13	

Soil Descriptions:
 A0 0-11cm
 2.5Y 2.5/1 blk
 Silo
 C1 11-31cm
 2.5Y 5/4 Ywbr
 Silo
 C2 31-53cm
 5Y 3 pale oie
 clay

Comments* None

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmon's Quarry J State Site # Test Pit 711 P2

Area/Locus PN Area 1-100 PROV# 11 Feature #(s)

Supervisor SRW Exc. Team MFN Recorder MFN Date 5/12/21

PN's / Artifacts, by level (see reverse for codes)		Soil Descriptions
0-10	1.1 NAR	Ap 0 - 28 cm 2.5Y ² /2 Black
10-20	2	Silo w/ P+k
20-30	3	B 28 - 36 cm
30-40	4	10YR 7/4 YwBn
40-50	5	Silo w/ P+k
50-60	6	C ₁ 36 - 51 cm
60-70	7	2.5Y 9/4 Lt Bn
70-80	8	S Clay w/ P+k
80-90	9	
90-100	10	
100-110	11	
110-120	12	
120-130	13	

Comments* NCM; terminated on rock impass

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmon's Quarry J State Site # Test Pit T12 P2

Area/Locus PN Area 1-100 PROV# 14 Feature #(s)

Supervisor SRW Exc. Team MFN Recorder MFN Date 5/12/21

PN's / Artifacts, by level (see reverse for codes)		Soil Descriptions
0-10	1.1 NAR	Ap 0 - 41 cm
10-20	2	2.5Y ² /2 DK Gy Bn
20-30	3	Wet Silo w/ P+k
30-40	4	
40-50	5	Wetland c 41 - 63 cm
50-60	6	2.5Y ² /2 Lt Bn Gy
60-70	7	Wet Silo w/ P+k
70-80	8	
80-90	9	
90-100	10	
100-110	11	
110-120	12	
120-130	13	

Comments* NCM; Pooling water

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmon Quarry I State Site # Test Pit T16P1
 Area/Locus PN Area 201-200 PROV# 202 Feature #(s)
 Supervisor SRW Exc. Team CLB Recorder CLB Date 5/12/21

Depth (cm)	PN's / Artifacts, by level (see reverse for codes)	Soil Descriptions
0		
0-24	1.1 NAR	A 0 - 24 cm 2.5Y 2.5/1 Bk silt w/ PtK
24-39		B 24 - 39 cm 10YR 7/4 YwBn silt w/ PtK
39-56		C 39 - 56 cm 2.5Y 6/2 LtBnGy silt w/ PtK
56-130		
130		

Comments* NCM

Number of bags: 0

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

Northeast Archaeology Research Center - Test Pit Profile Form

Project Salmon Quarry I State Site # Test Pit T16P1
 Area/Locus PN Area 201-300 PROV# 204 Feature #(s)
 Supervisor SRW Exc. Team CLB Recorder CLB Date 5/12/21

Depth (cm)	PN's / Artifacts, by level (see reverse for codes)	Soil Descriptions
0-5		Ao = 0-5 cm 2.5Y 2.5/1 Bk
5-25		C = 5-25 cm 2.5Y 6/2 LtBnGy silt wct
25-130		
130		

Comments* STP term on pooling water

Number of bags:

* Provide comments on Artifacts, Soils, Disturbances, Context, etc.

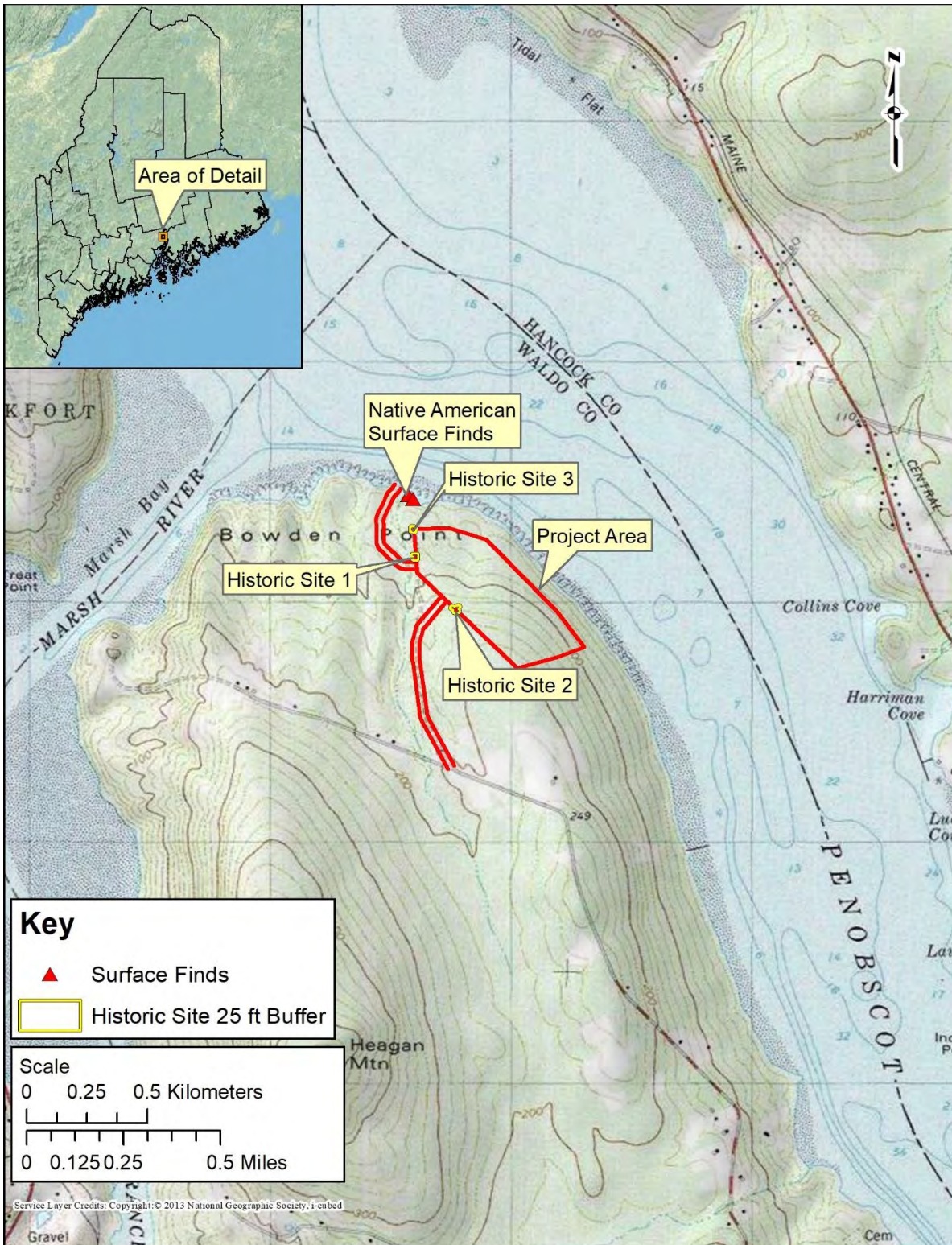


Figure 1. Topographic map showing the location of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note Historic Sites 1-3 and the Native American surface artifacts outside the project (MHPC site numbers pending).

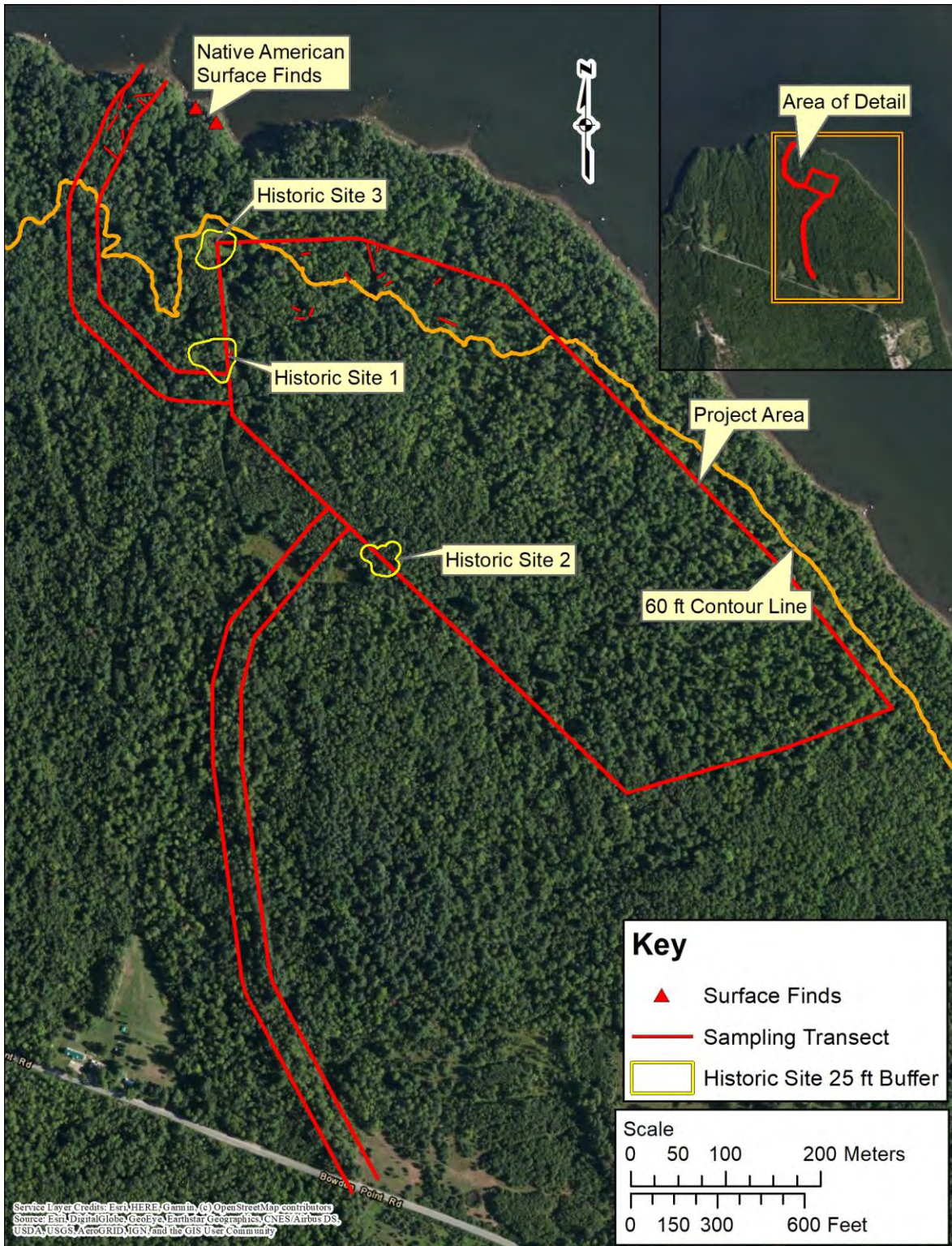


Figure 2. Aerial photograph showing the location of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note Historic Sites 1-3 and the Native American surface artifacts outside the project (MHPC site numbers pending).

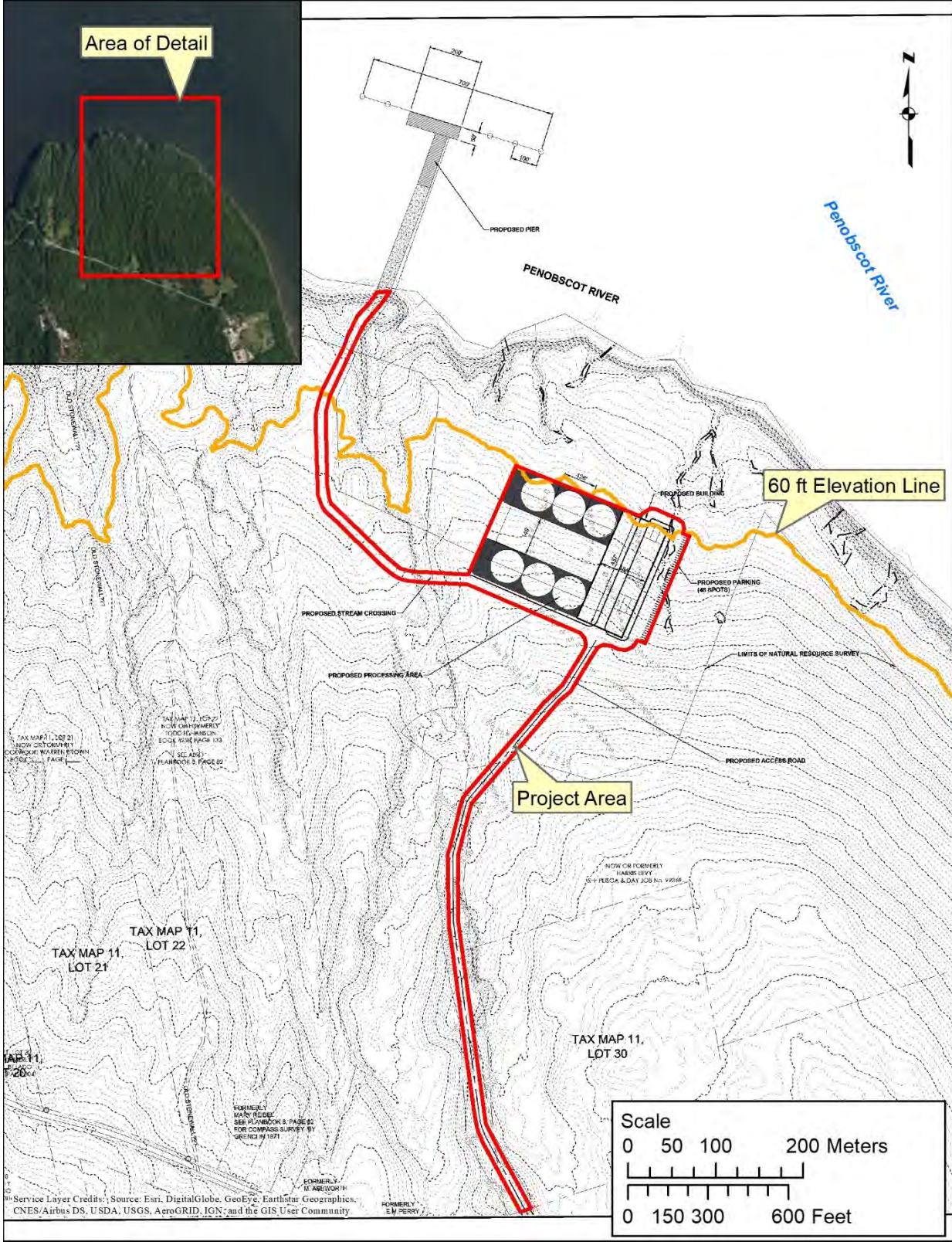


Figure 3. Project plans showing the location of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).

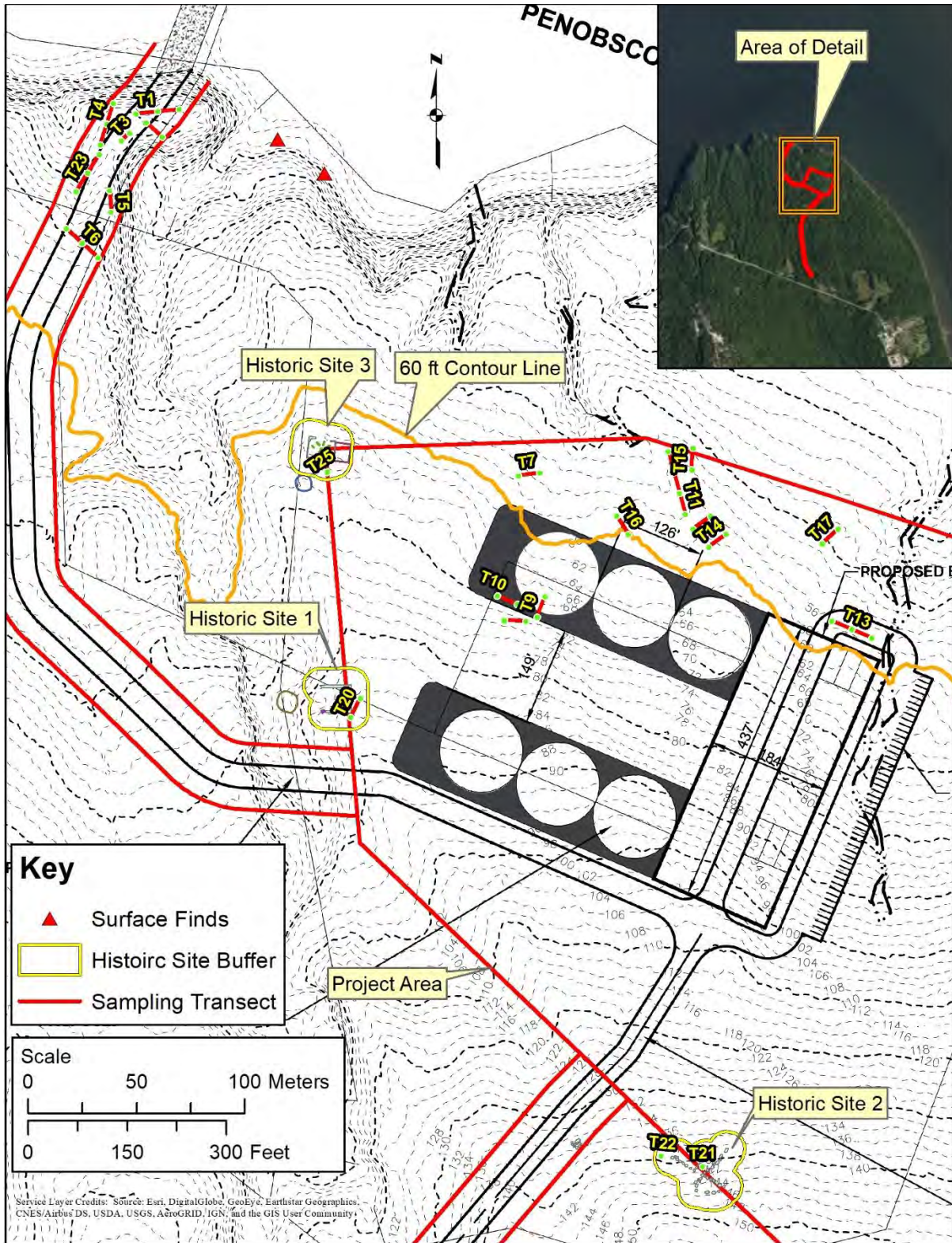


Figure 4. Project plans showing the location of phase I testing and newly identified archaeological sites located within the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).

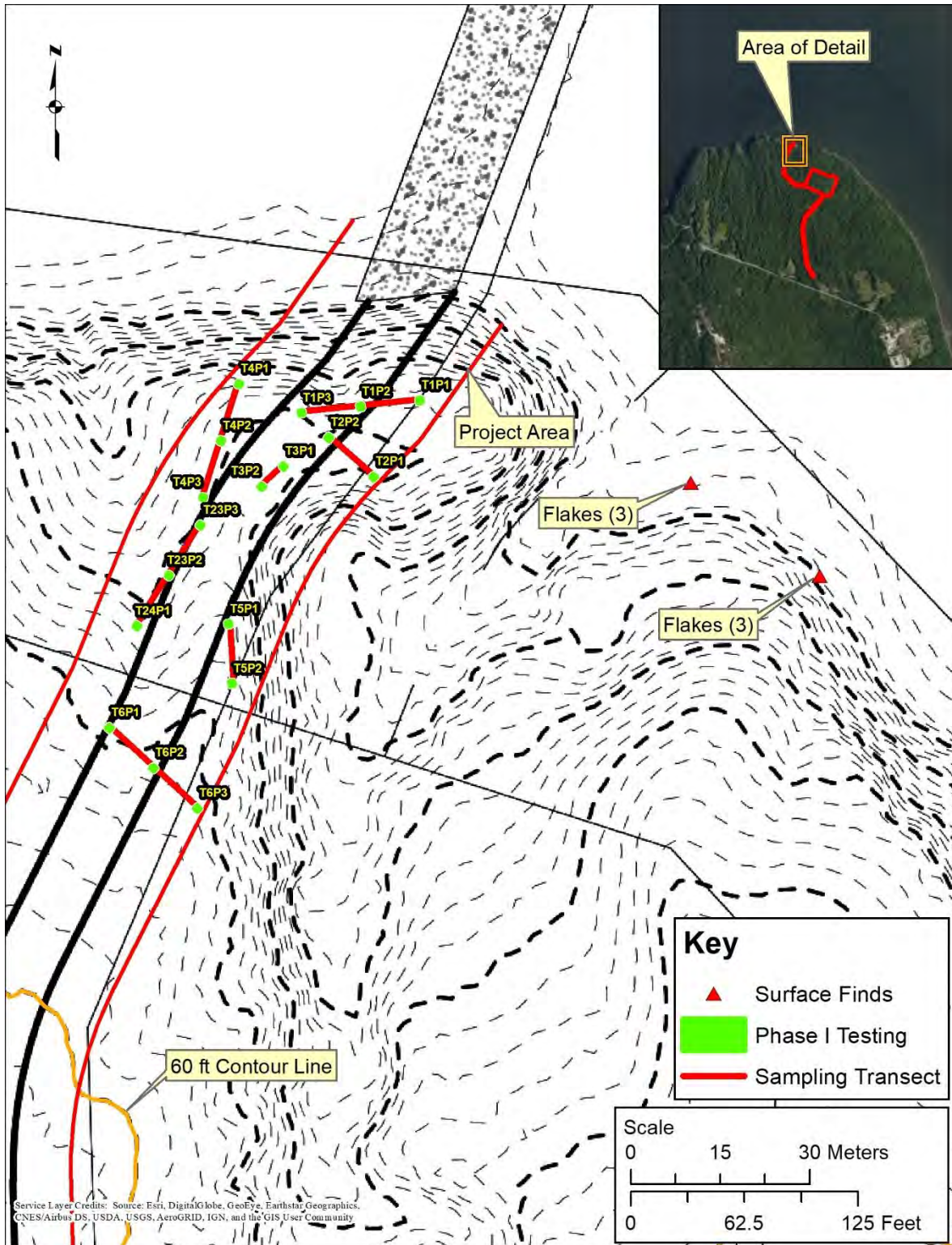


Figure 5. Project plans showing the location of phase I testing near the proposed pier/access road within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the location of the Native American lithic debitage (flakes) found on the shoreline outside the project area.

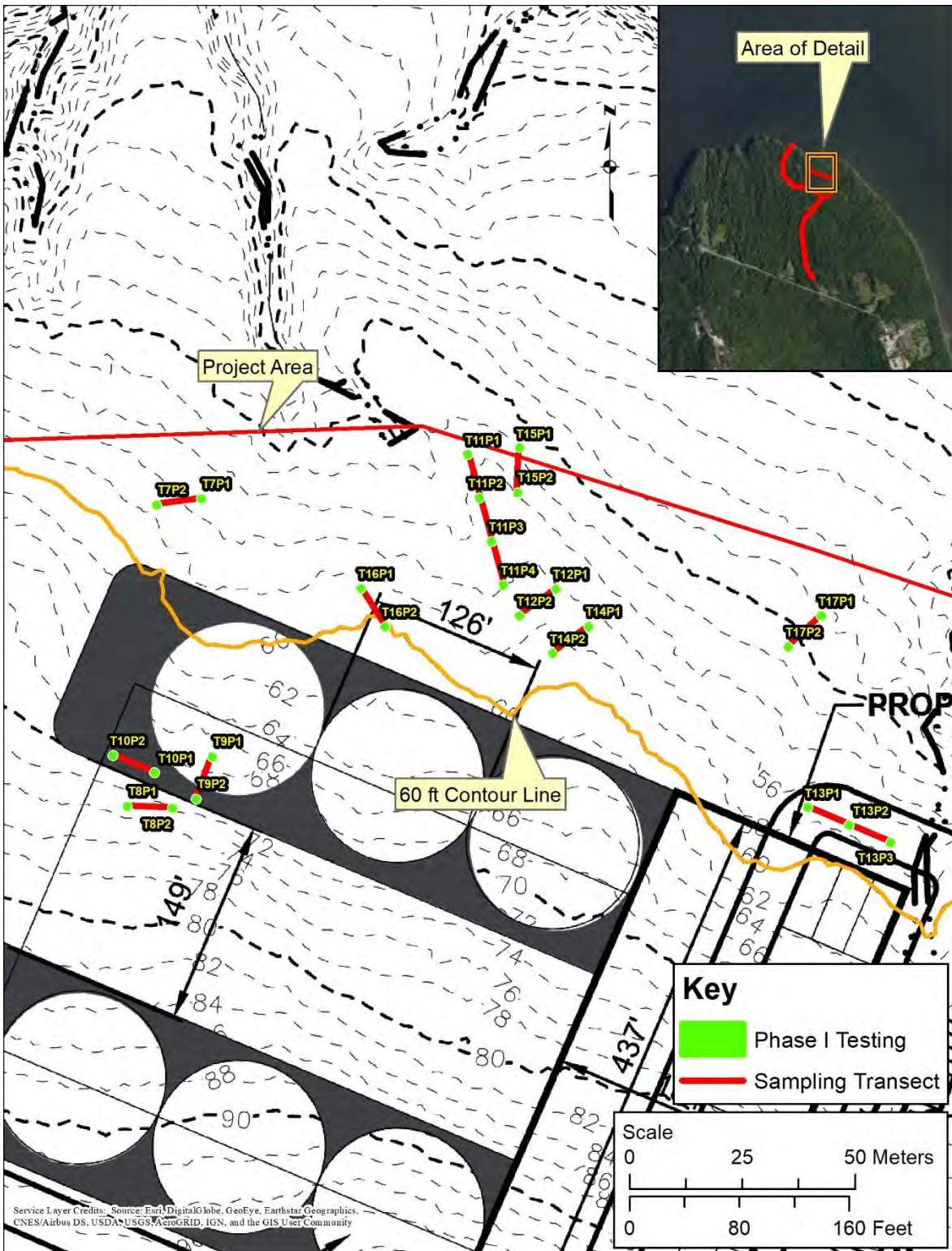


Figure 6. Project plans showing the location of phase I testing on the north side of the proposed processing area within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).



Figure 7. View west of archaeological phase I testing along Transect 1 near the proposed pier/access road within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).



Figure 8.

View west of archaeological phase I testing along Transect 9 on the north side of the proposed processing station within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).

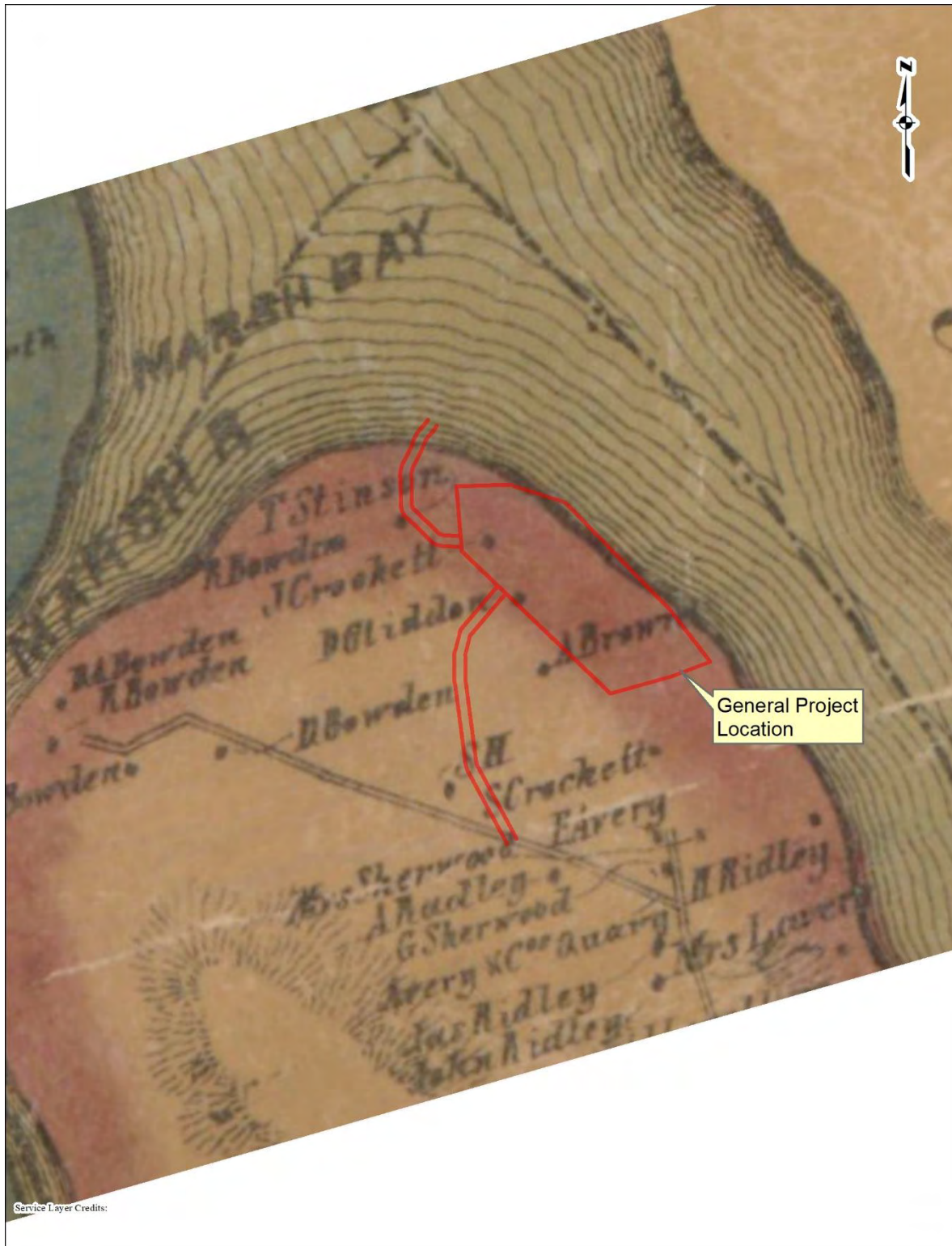


Figure 9. Section of the 1858 Waldo County map showing the general location of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the residences of J. Crockett and D. Glidden fall within the project area.

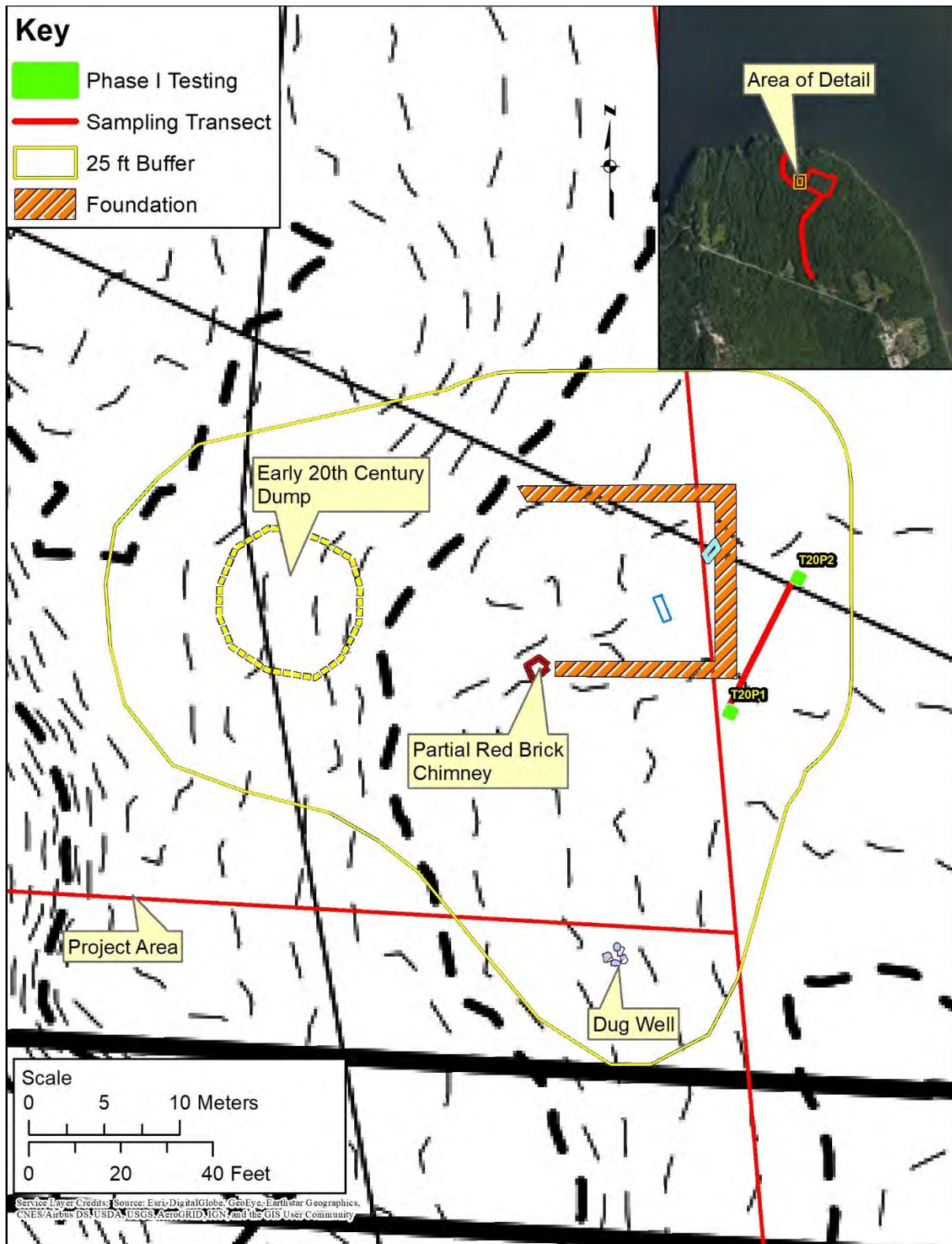


Figure 10. Project plans showing the location of Historic Site 1 and phase I testing within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the 25-ft buffer.



Figure 11. View of the cellar hole at Historic Site 1 within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).



Figure 12. View of the stone lined well at Historic Site 1 within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).

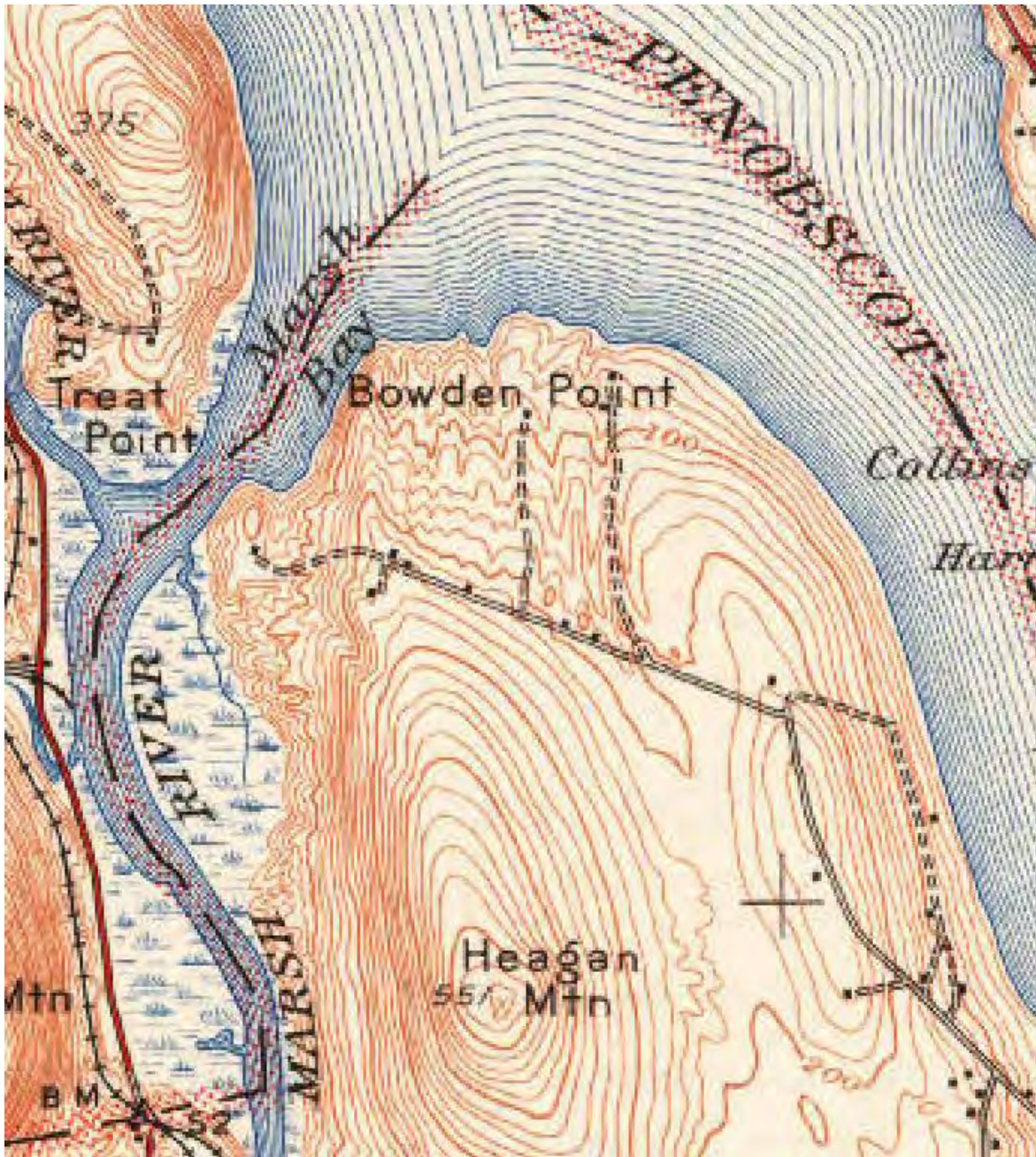


Figure 13. Section of the 1948 USGS topographic map showing the general location of the proposed Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the unpaved road and two structures that likely represent Historic Sites 1 and 3.

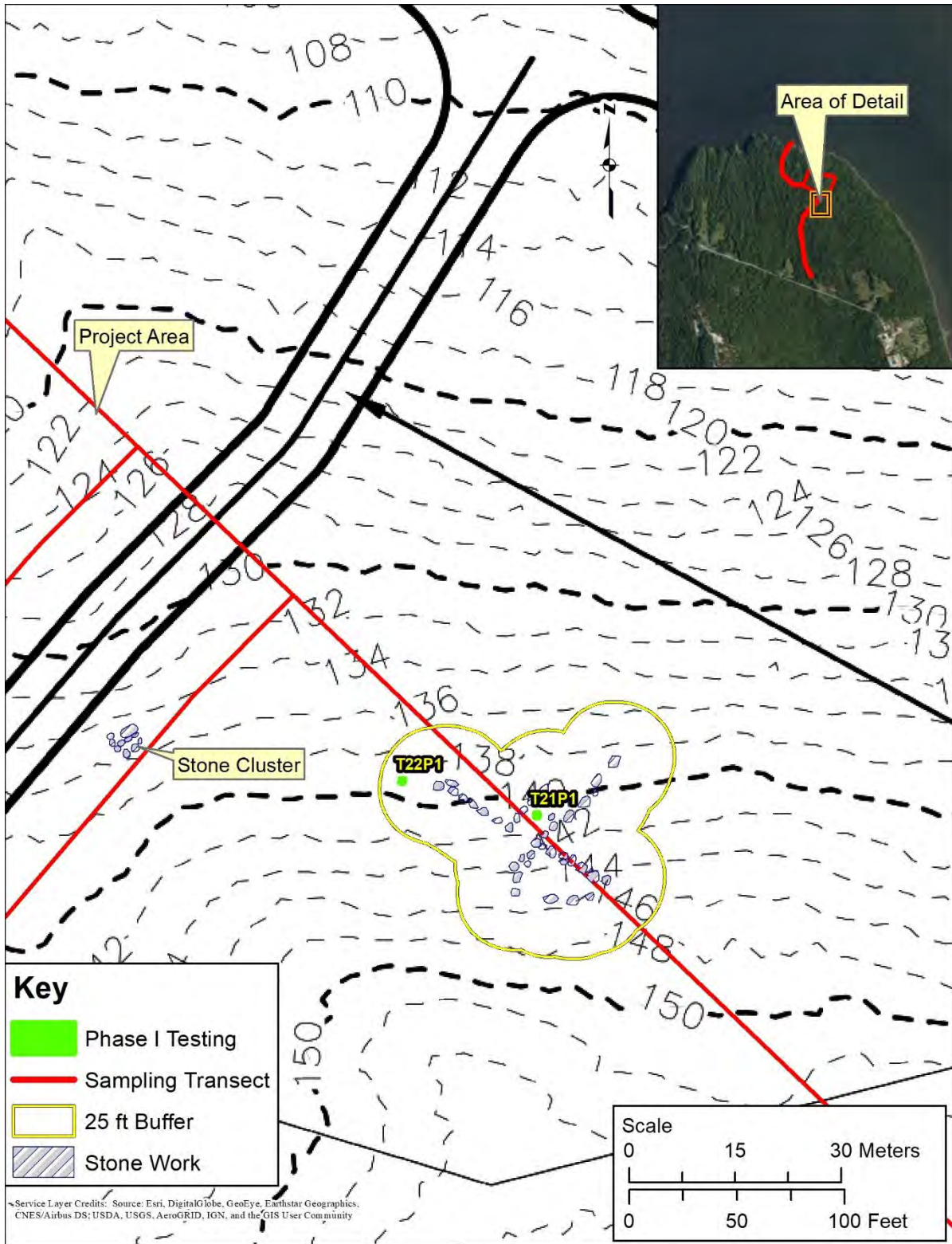


Figure 14. Project plans showing the location of Historic Site 2 and phase I testing within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the 25-ft buffer around the stone walls.



Figure 15. View of the stone walls and excavation test pit T21 P1 at Historic Site 1 within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).

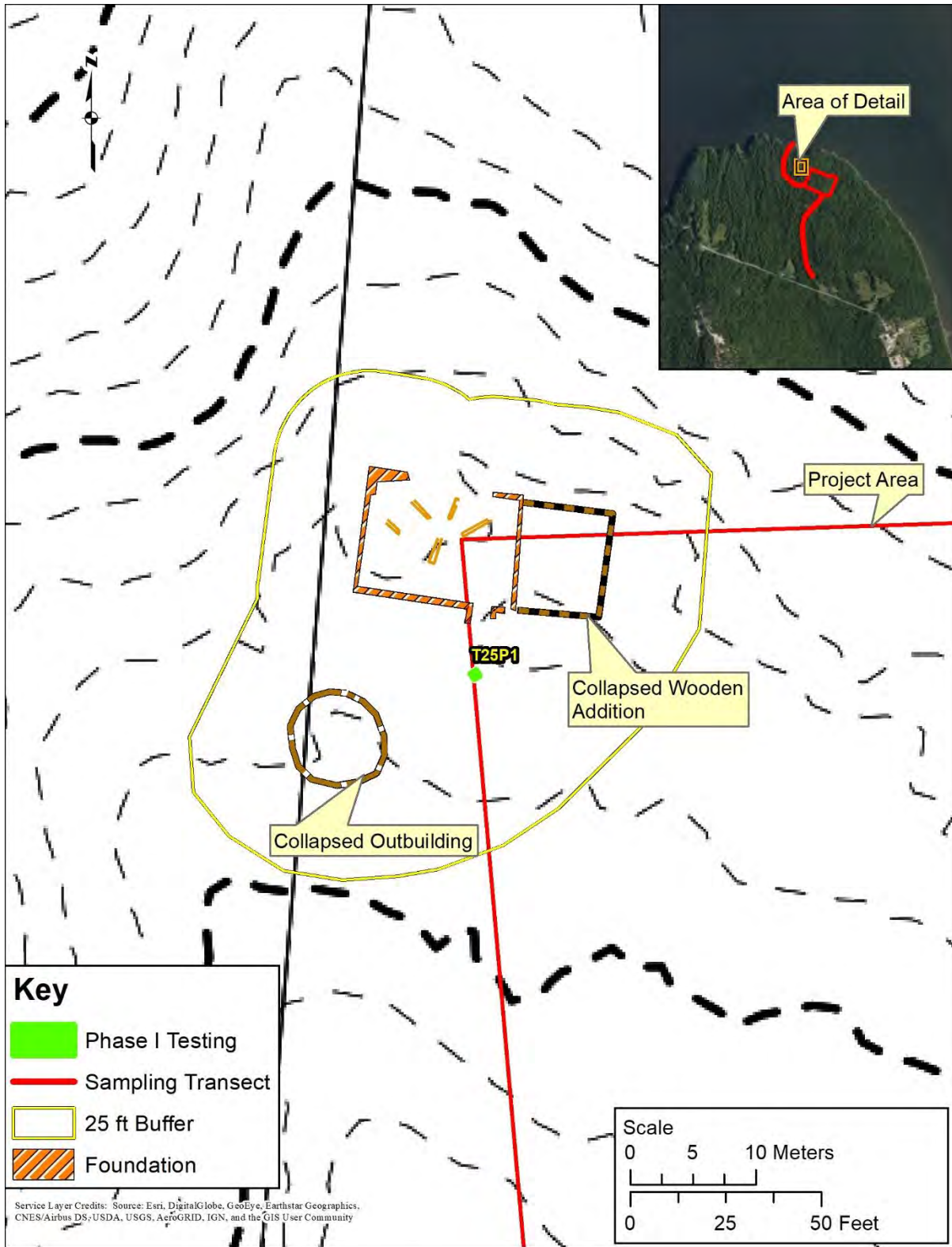


Figure 16. Project plans showing the location of Historic Site 3 and phase I testing within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24). Note the 25-ft buffer around the cellar hole and outbuilding.



Figure 17. View northwest of the cellar hole at Historic Site 3 within the Salmons Quarry Operations Project, Bowden Point Road, Prospect, Waldo County, Maine (MHPC # 0177-24).



HALEY WARD

ENGINEERING | ENVIRONMENTAL | SURVEYING

FORMERLY:  CES INC

January 8, 2021

Aroostook Band of Micmacs
Attn: Jennifer Pictou, Tribal Historic Preservation Officer
7 Northern Road
Presque Isle, Maine 04769
jpictou@micmac-nsn.gov

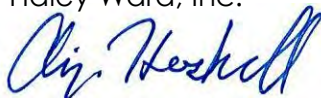
Re: [Salmons Incorporated](#) | [Salmons Quarry Operations](#) | Prospect, Maine

Dear Ms. Pictou:

Haley Ward, Inc. is assisting Salmons Quarry with the design and permitting of a pier to be used in support of mineral extraction activities on Bowden Point in Prospect, Maine. The Applicant proposes to construct a 525-foot-long pier off the northern shore of Bowden Point onto the Penobscot River.

For your reference, the site location is indicated on the attached location map. For additional information on the proposed project, including the permit application materials, please contact us at 207-989-4824, or at chaskell@haleyward.com. These materials are sent for your review as part of the Natural Resources Protection Act and US Army Corps of Engineers permitting requirements.

Sincerely,
Haley Ward, Inc.



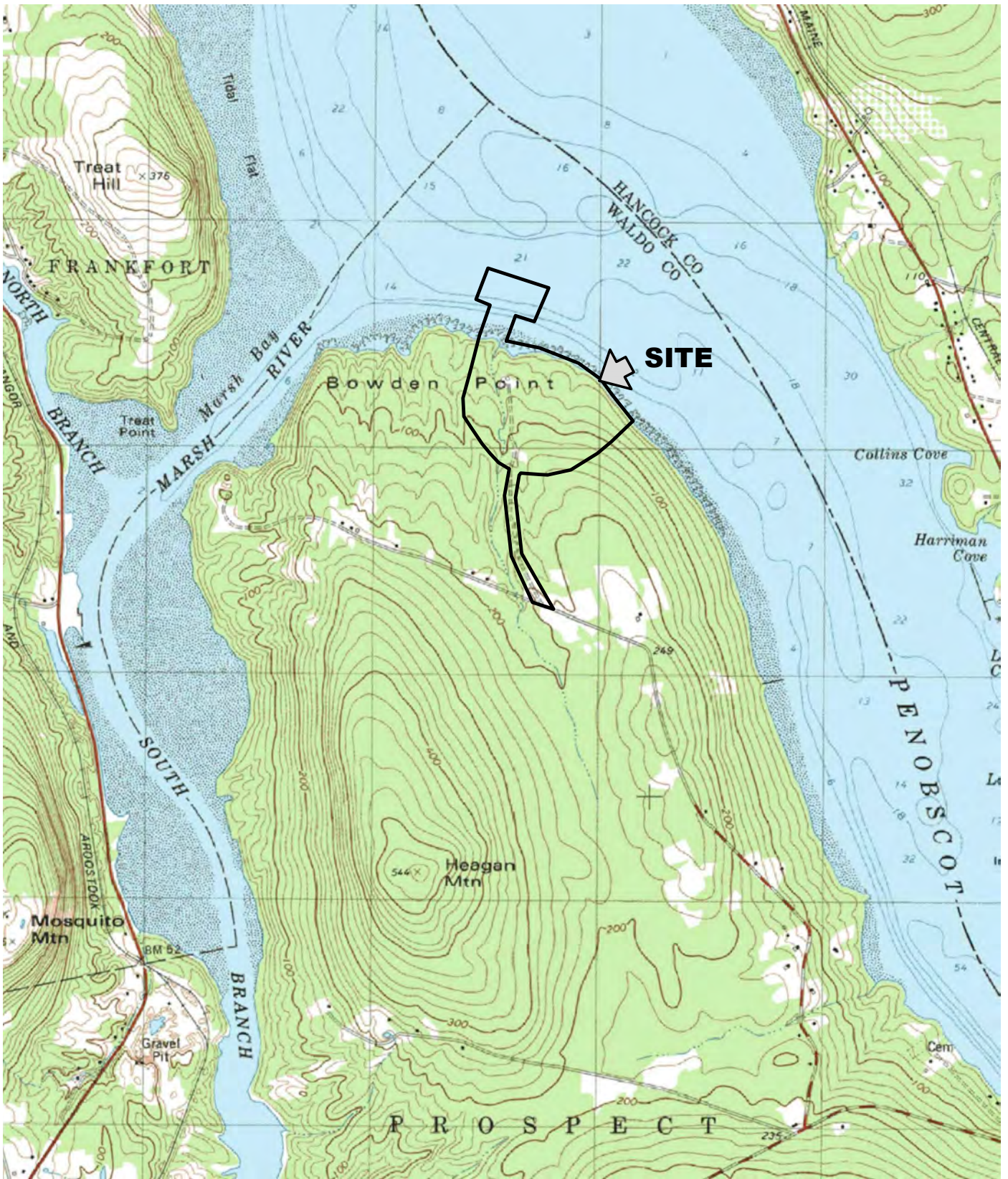
Chip Haskell
Project Manager

ACH/alf/cmc
Enc.
Location Map

Jennifer Pictou | 01.08.2021 | 12617.001 | Page 1

120 Main Street, Suite 132, Saco, ME 04072
T: 207.283.9151 | HALEYWARD.COM





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SALMONS INCORPORATED
 PROSPECT, MAINE
LOCATION MAP

2021-01-04
 12617.001



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FORMERLY:  CES INC

January 8, 2021

Houlton Band of Maliseet Indians
Attn: THPO & Environmental Planner
88 Bell Road
Littleton, Maine 04730
envplanner@maliseets.com
ogs1@maliseets.com


Re: [Salmons Incorporated](#) | [Salmons Quarry Operations](#) | Prospect, Maine

To whom it may concern:

Haley Ward, Inc. is assisting Salmons Quarry with the design and permitting of a pier to be used in support of mineral extraction activities on Bowden Point in Prospect, Maine. The Applicant proposes to construct a 525-foot-long pier off the northern shore of Bowden Point onto the Penobscot River.

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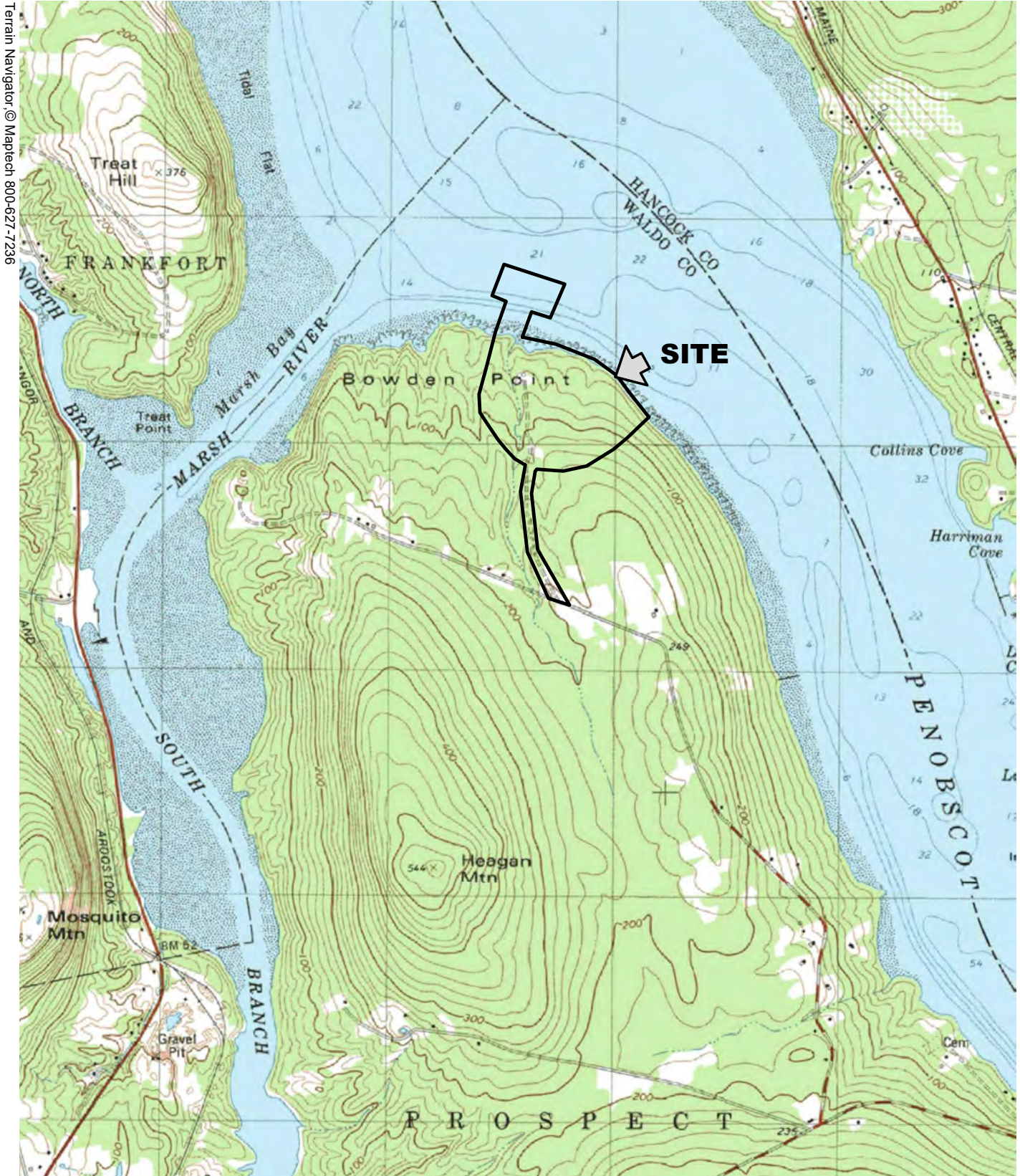
Sincerely,
Haley Ward, Inc.



Chip Haskell
Project Manager

ACH/cmc
Enc. Location Map





Terrain Navigator © Maptech 800-627-7236

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2021-01-04
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FORMERLY:  CES INC

January 8, 2021

Passamaquoddy Tribe of Indians
Pleasant Point Reservation
Attn: Donald Soctomah, Tribal Historic Preservation Officer
P.O. Box 343
Perry, Maine 04667
soctomah@gmail.com

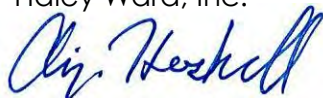
Re: [Salmons Incorporated](#) | [Salmons Quarry Operations](#) | [Prospect, Maine](#)

Dear Mr. Soctomah:

Haley Ward, Inc. is assisting Salmons Quarry with the design and permitting of a pier to be used in support of mineral extraction activities on Bowden Point in Prospect, Maine. The Applicant proposes to construct a 525-foot-long pier off the northern shore of Bowden Point onto the Penobscot River.

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Sincerely,
Haley Ward, Inc.



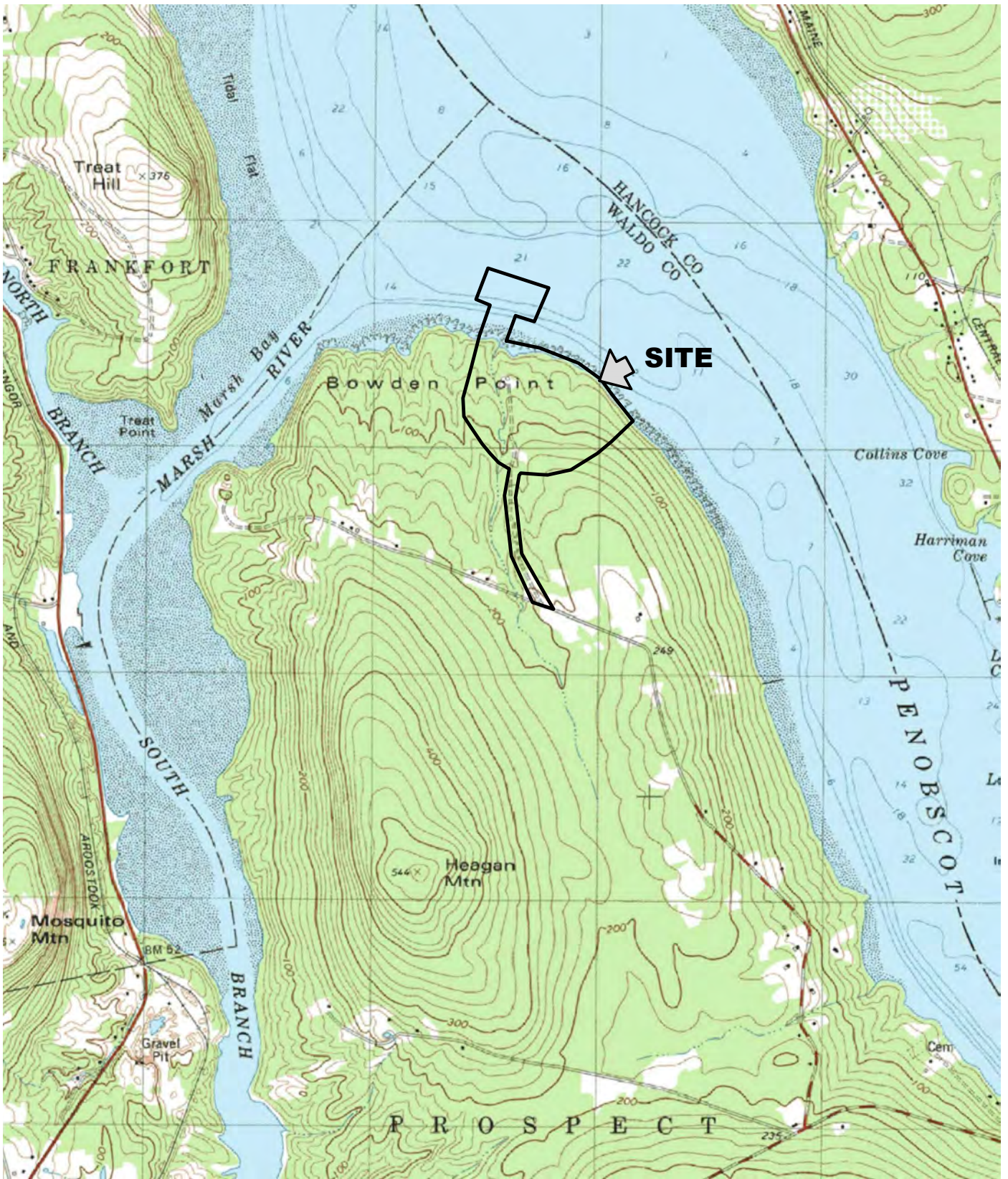
Chip Haskell
Project Manager

ACH/cmc
Enc.
Location Map

Donald Soctomah | 01.08.2021 | 12617.001 | Page 1



120 Main Street, Suite 132, Saco, ME 04072
T: 207.283.9151 | HALEYWARD.COM



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PROSPECT, MAINE
LOCATION MAP

2021-01-04
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FORMERLY:  CES INC

January 8, 2021

Passamaquoddy Tribe of Indians
Indian Township Reservation
Attn: Donald Soctomah, Tribal Historic Preservation Officer
P.O. Box 301
Princeton, Maine 04668
soctomah@gmail.com

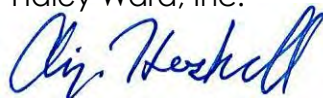
Re: [Salmons Incorporated](#) | [Salmons Quarry Operations](#) | Prospect, Maine

Dear Mr. Soctomah:

Haley Ward, Inc. is assisting Salmons Quarry with the design and permitting of a pier to be used in support of mineral extraction activities on Bowden Point in Prospect, Maine. The Applicant proposes to construct a 525-foot-long pier off the northern shore of Bowden Point onto the Penobscot River.

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Sincerely,
Haley Ward, Inc.



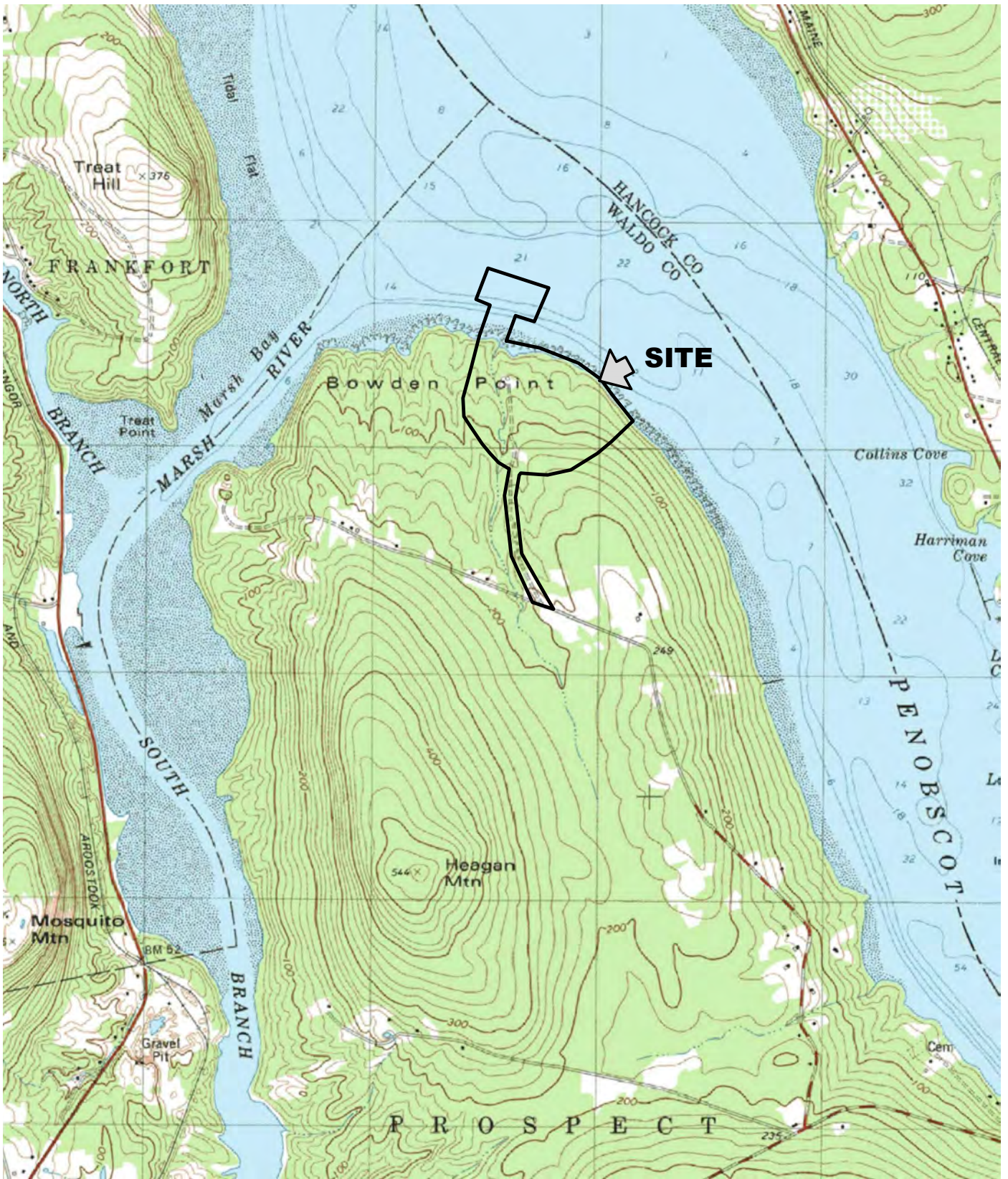
Chip Haskell
Project Manager

ACH/cmc
Enc.
Location Map

Donald Soctomah | 01.08.2021 | 12617.001 | Page 1

120 Main Street, Suite 132, Saco, ME 04072
T: 207.283.9151 | HALEYWARD.COM





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PROSPECT, MAINE
LOCATION MAP

2021-01-04
 12617.001



HALEY WARD

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FORMERLY:  CES INC

January 8, 2021

Penobscot Nation
Cultural and Historic Preservation Department
Attn: Chris Sockalexis, Tribal Historic Preservation Officer
12 Wabanaki Way
Indian Island, Maine 04468
Chris.sockalexis@penobscotnation.org

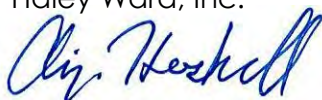
Re: [Salmons Incorporated](#) | [Salmons Quarry Operations](#) | Prospect, Maine

Dear Mr. Sockalexis:

Haley Ward, Inc. is assisting Salmons Quarry with the design and permitting of a pier to be used in support of mineral extraction activities on Bowden Point in Prospect, Maine. The Applicant proposes to construct a 525-foot-long pier off the northern shore of Bowden Point onto the Penobscot River.

For your reference, the site location is indicated on the attached location map. For additional information on the proposed project, including the permit application materials, please contact us at 207-989-4824, or at chaskell@haleyward.com. These materials are sent for your review as part of the Natural Resources Protection Act and US Army Corps of Engineers permitting requirements.

Sincerely,
Haley Ward, Inc.



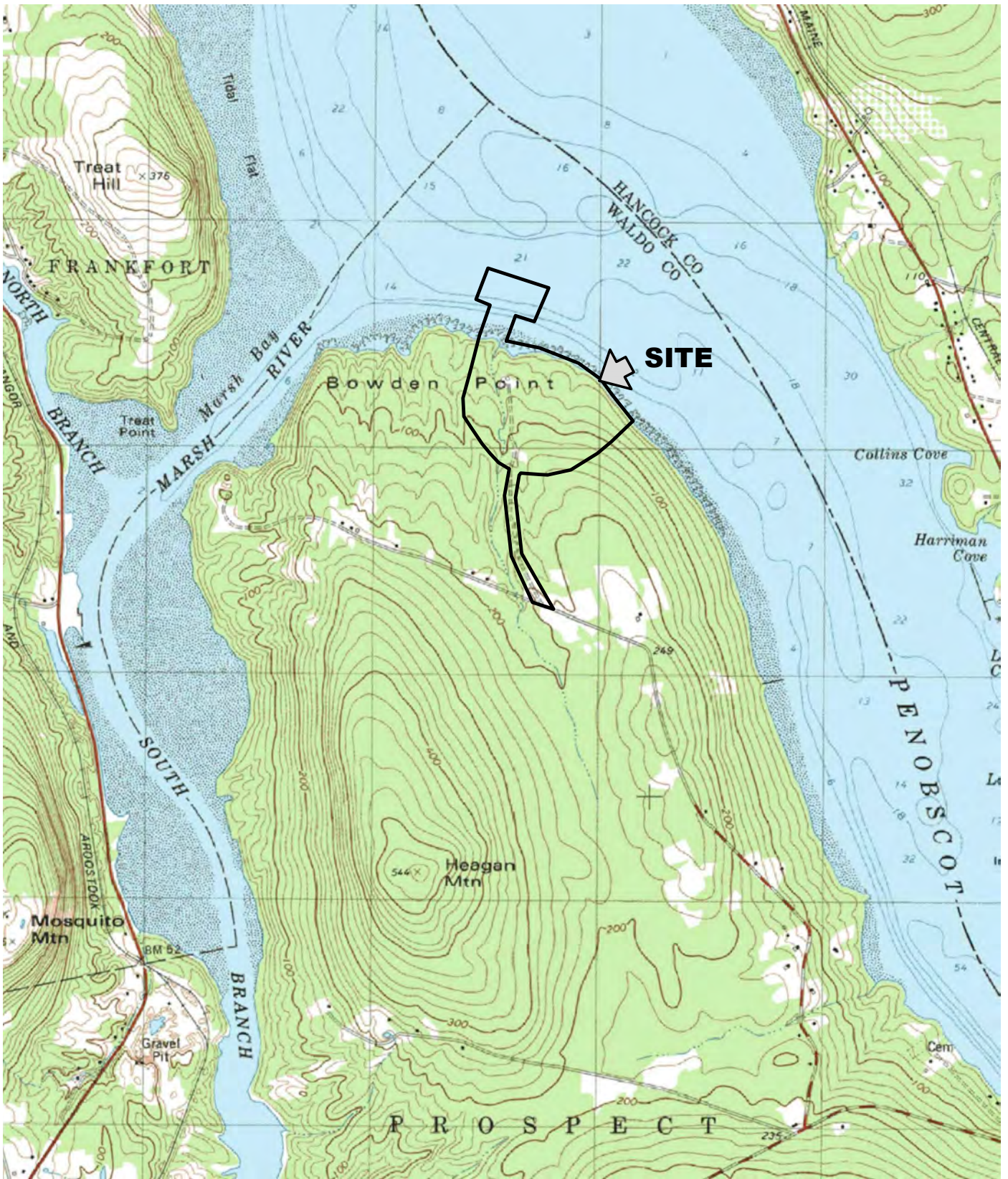
Chip Haskell
Project Manager

ACH/cmc
Enc.
Location Map

Chris Sockalexis | 01.08.2021 | 12617.001 | Page 1

120 Main Street, Suite 132, Saco, ME 04072
T: 207.283.9151 | HALEYWARD.COM





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SALMONS INCORPORATED
 PROSPECT, MAINE
LOCATION MAP

2021-01-04
 12617.001



APPENDIX A

MDEP VISUAL EVALUATION SURVEY

**APPENDIX A - MDEP VISUAL EVALUATION
FIELD SURVEY CHECKLIST**

(Natural Resources Protection Act, 38 M.R.S. §§ 480 A - Z)

Name of applicant: BOWDEN POINT PROPERTIES Phone: 757-409-0246

Application Type: NRPA TIER III

Activity Type: (brief activity description) PIER

Activity Location: Town: PROSPECT County: WALDO

GIS Coordinates, if known: 44.60171 -68.841444

Date of Survey: 12.8.2020 Observer: DREW OLEHOWSKI Phone: 207-989-4824

**Distance Between the Proposed Visibility Activity
and Resource (in Miles)**

1. Would the activity be visible from:	0-¼	¼-1	1+	
A. <i>A National Natural Landmark or other outstanding natural feature?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B. <i>A State or National Wildlife Refuge, Sanctuary, or Preserve or a State Game Refuge?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
C. <i>A state or federal trail?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D. <i>A public site or structure listed on the National Register of Historic Places?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
E. <i>A National or State Park?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F. 1) <i>A municipal park or public open space?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
2) <i>A publicly owned land visited, in part, for the use, observation, enjoyment and appreciation of natural or man-made visual qualities?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
3) <i>A public resource, such as the Atlantic Ocean, a great pond or a navigable river?</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. What is the closest estimated distance to a similar activity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. What is the closest distance to a public facility intended for a similar use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
4. Is the visibility of the activity seasonal? (i.e., screened by summer foliage, but visible during other seasons)		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
5. Are any of the resources checked in question 1 used by the public during the time of year during which the activity will be visible?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

(blue)



APPENDIX B

MDEP COASTAL WETLAND CHARACTERIZATION; INTERTIDAL & SHALLOW SUBTIDAL FIELD SURVEY CHECKLIST

**APPENDIX B: MDEP COASTAL WETLAND CHARACTERIZATION:
INTERTIDAL & SHALLOW SUBTIDAL FIELD SURVEY CHECKLIST**

NAME OF APPLICANT: BOWDEN POINT PROPERTIES PHONE: 757-409-0246

APPLICATION TYPE: NRPA TIER III

ACTIVITY LOCATION: TOWN: PROSPECT COUNTY: WALDO

ACTIVITY DESCRIPTION: fill pier lobster pound shoreline stabilization
 dredge other: _____

DATE OF SURVEY: 12.08.2020 OBSERVER: DREW OLEHOWSKI

TIME OF SURVEY: 10:00 AM TO 12:00 PM TIDE AT SURVEY: LOW

SIZE OF DIRECT IMPACT OR FOOTPRINT (square feet):
Intertidal area: _____ Subtidal area: _____

SIZE OF INDIRECT IMPACT, if known (square feet): _____
Intertidal area: _____ Subtidal area: _____

HABITAT TYPES PRESENT (check all that apply):
 sand beach boulder/cobble beach sand flat mixed coarse & fines salt marsh
 ledge rocky shore mudflat (sediment depth, if known: _____)

ENERGY: protected semi-protected partially exposed exposed

DRAINAGE: drains completely standing water pools stream or channel

SLOPE: >20% 10-20% 5-10% 0-5% variable

SHORELINE CHARACTER:
 bluff/bank (height from spring high tide: _____) beach rocky vegetated

FRESHWATER SOURCES: stream river wetland stormwater

MARINE ORGANISMS PRESENT:

	absent	occasional	common	abundant
mussels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
clams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
marine worms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
rockweed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
eelgrass	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
lobsters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SIGNS OF SHORELINE OR INTERTIDAL EROSION? yes no

PREVIOUS ALTERATIONS? yes no

CURRENT USE OF SITE AND ADJACENT UPLAND:
 undeveloped residential commercial degraded recreational

PLEASE SUBMIT THE FOLLOWING:
 Photographs Overhead drawing (pink)



APPENDIX C

MDEP PROJECT DESCRIPTION WORKSHEET FOR A DOCK, PIER, OR WHARF APPLICATION

Natural Resource Protection Act Application
APPENDIX D: Project Description Worksheet for a Dock, Pier or Wharf Application.



Help us process your application more efficiently by completing this worksheet, which is supplemental to a NRPA application for a dock, pier or wharf. A completed Appendix D may be substituted for Block 14 of the application page.



THIS IS AN APPLICATION FOR A.....

- Commercial wharf
If yes, indicate type of commercial activity: _____
License number: _____
Number of fishermen using this wharf: _____
- Public pier, dock or wharf
- Common or shared recreational pier, dock or wharf
- Private recreational pier, dock or wharf
- Expansion or modification of an existing structure
- Other, please indicate: Commercial wharf for transportation and shipping of quarry product materials.



TELL US ABOUT YOUR BOAT....

My boat(s) requires a draft of 25 feet.
My boat(s) is 560 feet long.



TELL US ABOUT YOUR PROJECT SITE.... For coastal piers and wharves, please complete Appendix B of the NRPA application. For freshwater docks, please describe the substrate and any vegetation: See Appendix B



SCENIC CONSIDERATIONS... Please complete Appendix A of the NRPA application.



WHAT FACILITIES ARE NEARBY?

The nearest public boat launch is located in Frankfort approximately 1.4 miles from the project location.
(town) (distance)

The nearest public, commercial, or private marina is located in Bucksport approximately 3.5 miles from the project location.
(distance) (town)

N/A

- I have inquired about slip or mooring availability at the nearest marina or public facility.
 - Yes, a slip or mooring is available. No, a slip or mooring is not available.
 - Approximate expected time on waiting list: _____
- I have contacted the local Harbor Master.

Name: _____ Phone: _____

I currently use the following for my boat: Mooring Marina **N/A**



TELL US ABOUT YOUR PROPOSED PIER, DOCK OR WHARF...

MATERIALS:

- The structure will be supported by pilings.
_____ pilings of _____ inches in diameter
- The structure will be supported by stacked, flow-through granite cribs.
_____ blocks, measuring _____ feet by _____ feet
- The structure will be supported by solid fill.
_____ square feet of solid fill
- Other: 50' Diameter, granular filled coffer dams

DIMENSIONS:

Length of fixed section: _____ **705** feet
Width of fixed section: _____ **40** feet
Length of ramp: _____ **N/A** feet
Dimensions of float: _____ **N/A** feet wide by _____ feet long
Distance the structure will extend below mean low water (MLW): _____ **400** feet
Depth of water at the fixed end of the structure: _____ **30** feet
Depth of water at the float at low tide: _____ **N/A** feet
Depth of water at the float at high tide: _____ **N/A** feet
Dimensions of any proposed buildings (e.g. bait shed):
_____ **N/A** feet high by _____ feet wide by _____ feet long

ACCESS:

During construction, my project site will be accessed via:

- Land
- Beach/intertidal area
- Water/barge

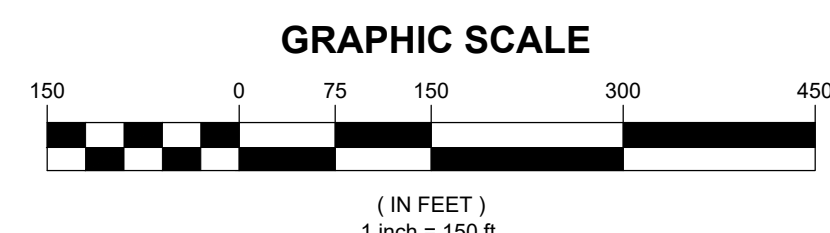


LOCATION MAP: USGS QUADRANGLE: BUCKSPORT
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 ©MAPTECH®, INC. 978-933-3000
 WWW.MAPTECH.COM/TOPO

LEGEND:

DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	---	---
EDGE OF PAVEMENT	---	---
MAJOR FOOT CONTOUR	--- 100 ---	--- 100 ---
MINOR FOOT CONTOUR	--- 98 ---	--- 98 ---
SILT FENCE	---	---

PLAN REFERENCE:
 INFORMATION BASED ON LIDAR TOPOGRAPHY FROM MEGIS
 SITE AND A NATURAL RESOURCE SURVEY BY CES, INC.



REV.	DATE	DESCRIPTION	BY	CHK.
DRAWING ISSUE STATUS				

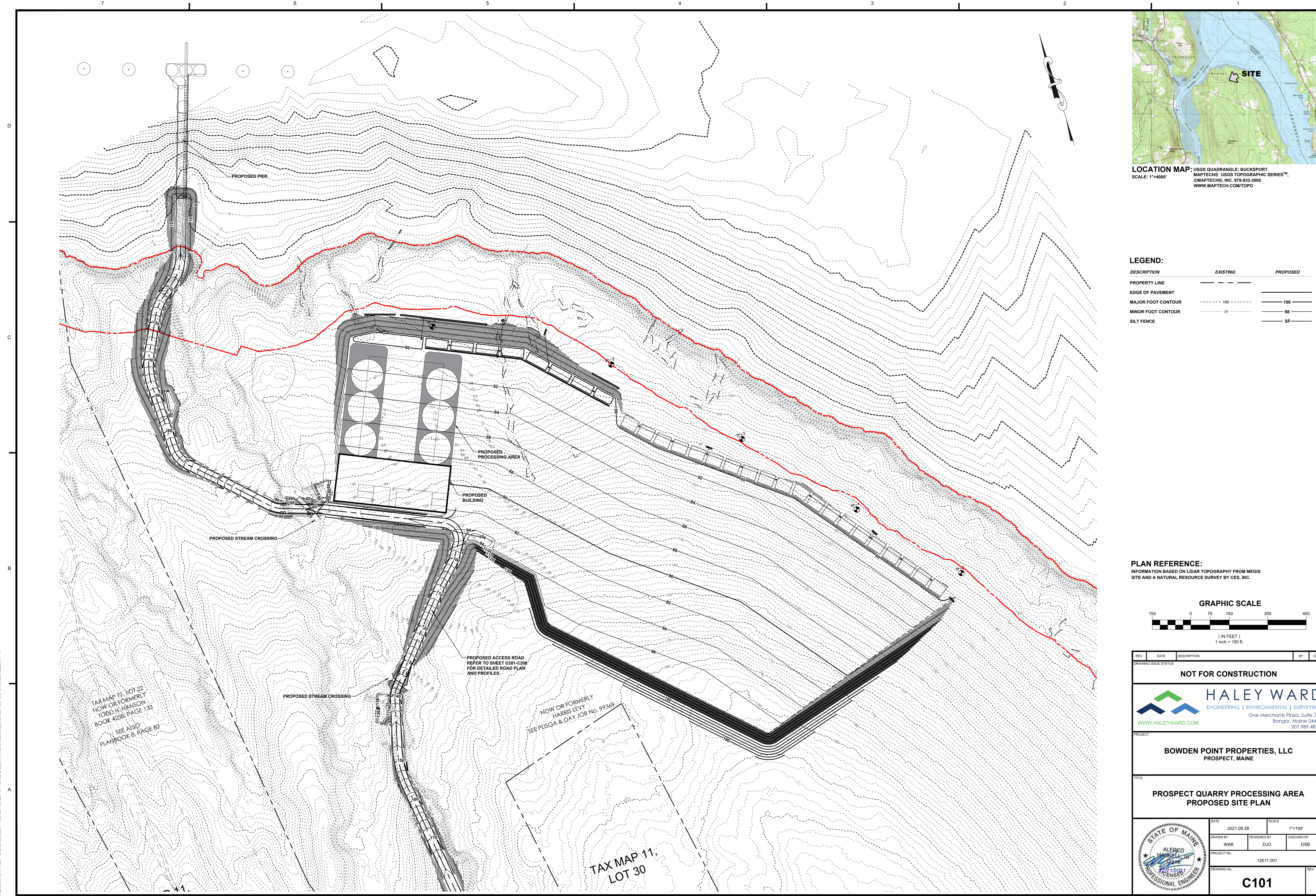
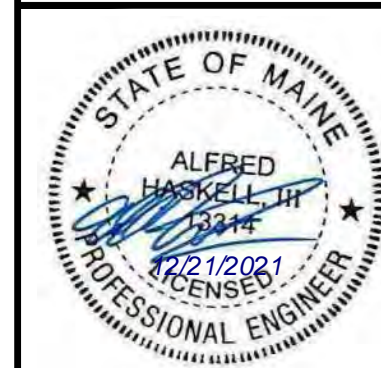
NOT FOR CONSTRUCTION



PROJECT: **BOWDEN POINT PROPERTIES, LLC**
 PROSPECT, MAINE

TITLE: **PROSPECT QUARRY PROCESSING AREA
 PROPOSED SITE PLAN**

DATE	SCALE
2021.09.28	1"=150'
DRAWN BY: WAB	DESIGNED BY: DJO
CHECKED BY: DSB	
PROJECT No.:	12617.001
DRAWING No.:	C101



PROPOSED PIER

PROPOSED PROCESSING AREA

PROPOSED BUILDING

PROPOSED STREAM CROSSING

PROPOSED STREAM CROSSING

PROPOSED ACCESS ROAD
 REFER TO SHEET C201-C208
 FOR DETAILED ROAD PLAN
 AND PROFILES.

NOW OR FORMERLY
 HARRIS LEVY
 SEE PLUSGA & DAY JOB No. 99369

TAX MAP 11, LOT 22
 NOW OR FORMERLY
 TODD H. HANSON
 BOOK 4258, PAGE 133
 SEE ALSO
 PLANS BOOK 8, PAGE 82

TAX MAP 11,
 LOT 30

FILE LOCATION: P:\0171-SALMONS_INDOOR\PROSPECT THE QUARRY\ARCH\CAD_DRAWINGS\CAD_DRAWING\DWG_2021.09.28_3.11 PM

IMPACTS:
 INTERTIDAL DISTURBANCE AREA: 26,660 SF
 RIVER DISTURBANCE AREA: 22,961 SF



IMPACT:
 TOTAL WETLAND IMPACT: 14,038 SF

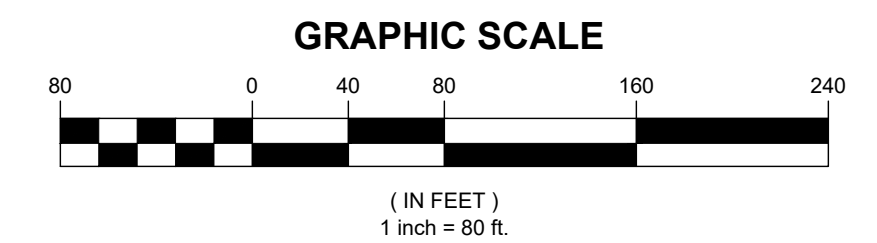


LOCATION MAP: USGS QUADRANGLE: BUCKSPORT
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 WWW.MAPTECH.COM/TOPO

LEGEND:

DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	---	---
EDGE OF PAVEMENT	---	---
MAJOR FOOT CONTOUR	---100---	---100---
MINOR FOOT CONTOUR	---98---	---98---
SILT FENCE	---	---

PLAN REFERENCE:
 INFORMATION BASED ON LIDAR TOPOGRAPHY FROM MEGIS
 SITE AND A NATURAL RESOURCE SURVEY BY CES, INC.



REV.	DATE	DESCRIPTION	BY	CHK.
DRAWING ISSUE STATUS				

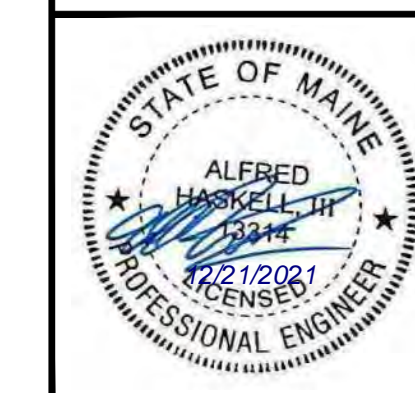
NOT FOR CONSTRUCTION



BOWDEN POINT PROPERTIES, LLC
 PROSPECT, MAINE

PROSPECT QUARRY PROCESSING AREA
PROPOSED IMPACT PLAN

DATE	SCALE	
2021.09.28	1"=80'	
DRAWN BY: WAB	DESIGNED BY: DJO	CHECKED BY: DSB
PROJECT No: 12617.001		
DRAWING No: C102		



FILE LOCATION: P:\2017-SALMONS_INCOH-PROSPECT QUARRY\ARCH\CAD_DRAWINGS\CAD_DRAWINGS\DWG\DWG_2021.09.28_7.54 AM