

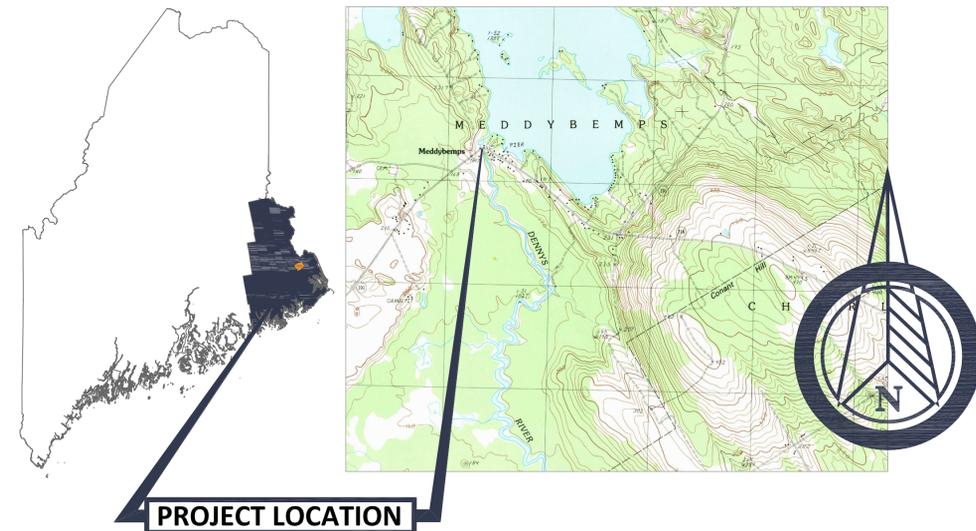
FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
DESIGN DOCUMENTS FOR  
STATE OF MAINE - BUREAU OF GENERAL SERVICES  
BGS PROJECT #3894

March 2026

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Meddybemps, Maine



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ENGINEERING DESIGN & CONSULTATION



ACW Project No. 23002A

**GENERAL NOTES**

1. THE CONTRACTOR IS REFERRED TO SECTION 01 10 00 OF THE SPECIFICATIONS REGARDING COORDINATION WITH OTHERS.
2. IF APPLICABLE, BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES, IF SHOWN, IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WELLS, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE AND LOCAL RESIDENTS PRIOR TO COMMENCING WORK.
3. ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICES UNLESS OTHERWISE NOTED.
4. CONTACT "DIG-SAFE" 1-800-225-4977 PRIOR TO CONSTRUCTION.
5. DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS AND STATIONING SHALL PREVAIL.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF ALL PERMITS AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. ANY REQUIRED PERMITS FOR THE CONSTRUCTION ACTIVITY, BUT NOT PROVIDED IN THE CONTRACT DOCUMENTS, ARE THE RESPONSIBILITY OF THE CONTRACTOR.
7. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHTS OF WAY AND EASEMENTS. THE CONTRACTOR SHALL VERIFY THAT THE NECESSARY EASEMENTS HAVE BEEN SECURED BY THE OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH EASEMENT AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED LINES AND STRUCTURES AS SHOWN ON THE DRAWINGS. THE LAYOUT PLAN SHALL BE REVIEWED BY THE ENGINEER PRIOR TO CONSTRUCTION.
9. CONTRACTOR SHALL MINIMIZE CLEARING OPERATIONS. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 31 10 00. CLEARING LIMITS SHALL BE AS INDICATED ON THE DRAWINGS, BUT AT ALL TIMES WITHIN EXISTING PROPERTY LINES OR EASEMENTS. ALL GRUBBINGS AND EXCESS EXCAVATED MATERIAL WILL BE DISPOSED OF AT A SITE PROVIDED BY THE CONTRACTOR IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS.
10. CONTRACTOR SHALL CONTROL DUST TO A TOLERABLE LIMIT AS OUTLINED IN SPECIFICATION SECTION 01 57 00. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH AND DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. STREETS OPENED TO THE PUBLIC SHALL BE KEPT SWEPT AND FREE OF DEBRIS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY HIS OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE.
12. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
13. THE CONTRACTOR SHALL NOT HAVE ANY RIGHT OF PROPERTY IN ANY MATERIALS TAKEN FROM ANY EXCAVATION. SUITABLE EXCAVATED MATERIAL MAY BE INCORPORATED IN THE PROJECT, WITH EXCESS MATERIAL DISPOSED OF AT A LOCATION PROVIDED BY THE CONTRACTOR. THESE PROVISIONS SHALL IN NO WAY RELIEVE THE CONTRACTOR OF OBLIGATIONS TO PROPERLY DISPOSE OF AND REPLACE ANY MATERIAL DETERMINED BY THE ENGINEER TO BE UNSUITABLE FOR BACKFILLING. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE AND EXCESS MATERIAL IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CONTRACT DOCUMENTS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION AND CONTROL OF EROSION AND WATERBORNE TURBIDITY. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE EXCAVATED MATERIAL AT A SITE PROVIDED BY THE CONTRACTOR WHICH IS IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS. MATERIALS AND METHODS USED FOR TEMPORARY EROSION CONTROL SHALL BE AS SPECIFIED BY THE "MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES" PREPARED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
15. IF ANY CULTURAL RESOURCES ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE OWNER, ENGINEER, AND MAINE STATE HISTORIC PRESERVATION OFFICE.
16. IF A DISCHARGE OF SEDIMENT OR CONTAMINATED MATERIALS (E.G. HYDRAULIC FLUID, OIL, GREASE, FUEL) INTO A WATERBODY OCCURS, THE CONTRACTOR SHALL NOTIFY THE OWNER, ENGINEER, THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND THE US ARMY CORPS OF ENGINEERS.

**CIVIL DEMOLITION NOTES**

1. REFER TO THE EXISTING CONDITIONS PLANS, DRAWING C-100 FOR ADDITIONAL INFORMATION REGARDING EXISTING FACILITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL DEMOLISHED, EQUIPMENT AND MATERIALS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS. THE OWNER RESERVES THE RIGHT TO RETAIN ANY SUCH EQUIPMENT AND MATERIALS DESIGNATED FOR DEMOLITION FOR HIS USE. SUCH MATERIALS TO BE RETAINED SHALL BE PROPERLY STORED IN AN ON-SITE LOCATION. COORDINATE LOCATION AND MATERIALS TO BE SALVAGED WITH THE OWNER/ENGINEER.
3. THE CONTRACTOR SHALL KEEP A RECORD OF DEMOLITION AS PART OF THE PROJECT RECORD DOCUMENTS IN ACCORDANCE WITH SPECIFICATION SECTION 01 78 39.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE TREATMENT OF FLOWS RESULTING FROM PRECIPITATION AND DEWATERING OPERATIONS.

**SITE CONSTRUCTION NOTES**

1. ALL AREAS THAT ARE EXCAVATED, FILLED, OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE LOAMED, GRADED, LIMED, FERTILIZED, SEEDED AND MULCHED, UNLESS OTHERWISE NOTED. THE TOP 6 INCHES OF SOIL SHALL BE LOAM. REFER TO SPECIFICATION SECTION 32 90 00.
2. THE CONTRACTOR SHALL PROVIDE PROPER EROSION AND TURBIDITY CONTROL AND DRAINAGE MEASURES IN ALL AREAS OF WORK, AND CONFINE SOIL SEDIMENT TO WITHIN THE LIMITS OF EXCAVATION AND GRADING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED WORK AS SHOWN ON THE DRAWINGS. THE ENGINEER WILL PROVIDE TWO POINTS THAT DEFINE THE HORIZONTAL CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THIS PROVIDED LAYOUT INFORMATION THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
4. IN GENERAL, THE GIVEN STRUCTURE LOCATIONS ARE TO THE OUTSIDE FACE OF THE STRUCTURE FOUNDATION WALL, NOT FOOTINGS.
5. THE LOCATION AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS SHALL BE REVIEWED/COORDINATED WITH, AND ACCEPTABLE TO, THE OWNER AND ENGINEER. THE CONTRACTOR SHALL LIMIT HIS ACTIVITIES TO THESE AREAS.
6. WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE DISTANCES FROM THE DRAWINGS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.

**EARTHWORK AND POTENTIAL SOIL CONTAMINATION NOTES**

1. THE CONTRACTOR IS ENCOURAGED TO REUSE EXCAVATED MATERIALS AND INCORPORATE THEM INTO THE WORK ON THE SITE TO THE EXTENT POSSIBLE.
2. ANY MATERIALS THAT REQUIRE REMOVAL AND DISPOSAL OFF-SITE SHALL BE STOCKPILED, PROTECTED, AND SCREENED FOR CONTAMINATION PRIOR TO LEAVING THE SITE. THE PROCESS FOR SCREENING AND CATEGORIZATION IS OUTLINED IN THE CONTRACT DOCUMENTS AS APPENDIX B - SOIL MANAGEMENT PLAN PREPARED BY NOBIS GROUP.
3. IF THE CONTRACTOR SUSPECTS THAT ANY MATERIAL IN THE AREA OF WORK IS CONTAMINATED, THEY SHALL STOP WORK AND NOTIFY THE ENGINEER IMMEDIATELY.
4. NO EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE UNTIL IT HAS BEEN REVIEWED AND CATEGORIZED BY THE ENGINEER IN ACCORDANCE WITH THE SOIL MANAGEMENT PLAN (APPENDIX B OF THE CONTRACT DOCUMENTS). THE CONTRACTOR SHALL BE PREPARED TO STOCKPILE AND PROTECT MATERIALS WHILE THEY ARE CATEGORIZED AND SCREENED PRIOR TO EXPORT IN ACCORDANCE WITH THE SOIL MANAGEMENT PLAN.

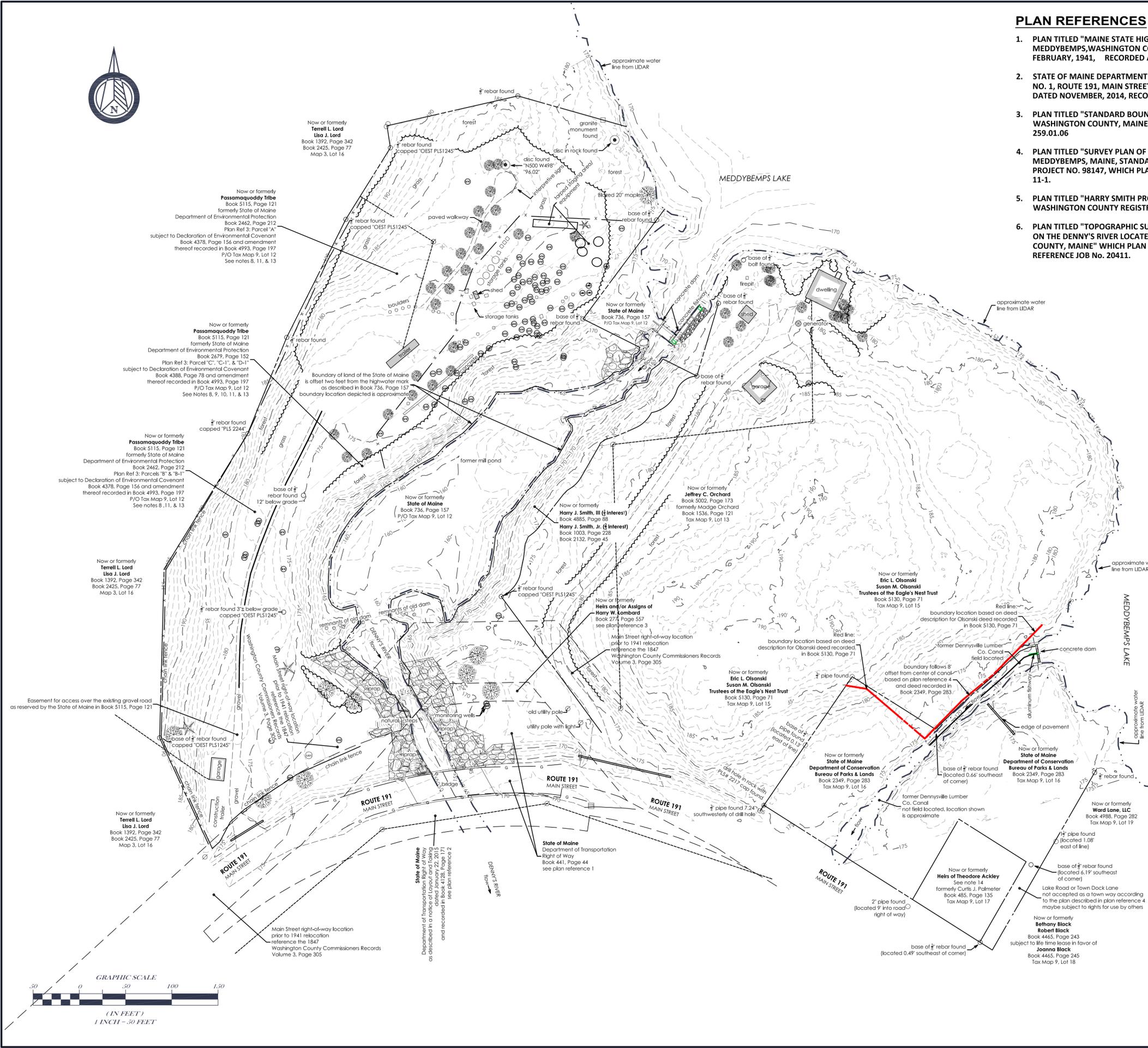
**PROJECT SCHEDULE AND MILESTONE NOTES**

1. TO COMPLY WITH FEDERAL REGULATIONS RELATED TO ENDANGERED BAT SPECIES, THE CONTRACTOR SHALL CLEAR ALL TREES (WITH A 3" DBH OR GREATER) NO LATER THAN MAY 30TH. ADDITIONAL TREE CLEARING MAY BE POSSIBLE AFTER AUGUST 1ST AS APPROVED BY THE ENGINEER.
2. ALL WORK BELOW THE ORDINARY HIGH WATER LINE OF THE DENNY'S RIVER AND/OR MEDDYBEMPS LAKE SHALL BE PERFORMED BETWEEN JULY 15TH AND SEPTEMBER 30TH, AS REQUIRED BY STATE AND FEDERAL PERMITTING. REFER TO SHEET C-800 FOR ADDITIONAL INFORMATION RELATED TO DEWATERING AND THE ANTICIPATED CONSTRUCTION SEQUENCE.
3. PER CONTRACT REQUIREMENTS, THE PROJECT SHALL BE SUBSTANTIALLY COMPLETE BY OCTOBER 30, 2026.
4. PER CONTRACT REQUIREMENTS, THE PROJECT SHALL REACH FINAL COMPLETION BY NOVEMBER 20, 2026.

NO.	REVISION	APP'D	DATE



FISH PASSAGE IMPROVEMENTS  
 AT THE OUTLET OF MEDDYBEMPS LAKE  
 MEDDYBEMPS, ME  
 BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
 GENERAL NOTES  
 MAR 2026



**PLAN REFERENCES**

1. PLAN TITLED "MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY PLAN, STATE AID HIGHWAY No. 1, MEDDYBEMPS, WASHINGTON COUNTY, ACROSS LAND OF HARRY W. LOMBARD AND CASSIAS H. BRIDGES" DATED FEBRUARY, 1941, RECORDED AS FILE S-15-78.
2. STATE OF MAINE DEPARTMENT OF TRANSPORTATION MEDDYBEMPS RIGHT OF WAY MAP, FOR STATE AID HIGHWAY NO. 1, ROUTE 191, MAIN STREET, MEDDYBEMPS, WASHINGTON COUNTY, FEDERAL AID PROJECT NO. STP-2050(600) DATED NOVEMBER, 2014, RECORDED AS D.O.T. FILE NO. 15-319.
3. PLAN TITLED "STANDARD BOUNDARY SURVEY, EASTERN SURPLUS SUPERFUND SITE, ROUTE 191, MEDDYBEMPS, WASHINGTON COUNTY, MAINE", DATED NOVEMBER, 1996 PREPARED BY OEST ASSOCIATES, INC. PROJECT NO. 259.01.06
4. PLAN TITLED "SURVEY PLAN OF THE CANAL LOT, BEING PARCEL No. 8 OF LAND DESCRIBED IN BOOK 629, PAGE 115, MEDDYBEMPS, MAINE, STANDARD BOUNDARY SURVEY" DATED AUGUST 11, 1998 PREPARED BY KILBURN SWALLOW, PROJECT NO. 98147, WHICH PLAN IS RECORDED IN WASHINGTON COUNTY REGISTRY OF DEEDS IN CABINET 3, DRAWER 11-1.
5. PLAN TITLED "HARRY SMITH PROPERTY, MEDDYBEMPS, MAINE" DATED AUGUST 1, 1966, WHICH PLAN IS RECORDED IN WASHINGTON COUNTY REGISTRY OF DEEDS PLAN BOOK 3, PAGE 6, FORMERLY RECORDED IN PLAN HANGER 6, PAGE 9.
6. PLAN TITLED "TOPOGRAPHIC SURVEY PLAN SHOWING THE REMAINS OF A DAM & PORTION OF THE FORMER MILL POND ON THE DENNY'S RIVER LOCATED NORTHERLY OF STATE ROUTE 191 (MAIN STREET), MEDDYBEMPS, WASHINGTON COUNTY, MAINE" WHICH PLAN IS DATED FEBRUARY 10, 2021, PREPARED BY PLISGA & DAY LAND SURVEYORS, REFERENCE JOB NO. 20411.

**SURVEY NOTES**

1. ALL DOCUMENT REFERENCED HEREON ARE RECORDED IN THE WASHINGTON COUNTY REGISTRY OF DEEDS, UNLESS OTHERWISE NOTED.
2. BEARINGS, COORDINATE VALUES AND NORTH ORIENTATION REFERENCE GRID NORTH MAINE COORDINATE SYSTEM OF 1983, EAST ZONE (NAND\_83)(2011)(EPOCH:2010.0000). DISTANCES ARE GRID DISTANCES DEPICTED IN UNITS OF U.S. SURVEY FEET. TO CONVERT GRID DISTANCES TO GROUND DISTANCES A COMBINED SCALE FACTOR OF 1.00009758 SHOULD BE APPLIED.
3. ALL ELEVATIONS PROVIDED REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) MODELED USING GEODE 18.
4. HORIZONTAL AND VERTICAL CONTROL WERE ESTABLISHED AT THE SITE UTILIZING A SPECTRA PRECISION SP80 CRT NETWORK ROVER RECEIVING REAL TIME CORRECTIONS FROM THE DEPARTMENT OF TRANSPORTATION COORS NETWORK.
5. RESEARCH AT THE WASHINGTON COUNTY REGISTRY OF DEEDS FINDS NO RECORD OF A CONVEYANCE BY CASSIAS H. BRIDGES TO THE STATE OF MAINE FOR THE AREA DEPICTED ACROSS LANDS OF THE SAID BRIDGES IN THE PLAN DESCRIBED IN PLAN REFERENCE 1.
6. THIS PLAN IS NOT THE RESULT OF A BOUNDARY SURVEY. BOUNDARY LOCATIONS DEPICTED SHOULD BE CONSIDERED TO BE APPROXIMATE.
7. FIELD LOCATION WAS COMPLETED IN DECEMBER 2020, JANUARY 2024, AND OCTOBER 2025.
8. REFERENCE IS MADE TO PRESERVATION AGREEMENT BETWEEN HARRY J. SMITH, JAR. AND THE ASSAM TRIBE, WHICH AGREEMENT IS DATED SEPTEMBER 20, 1999 AND RECORDED IN BOOK 2385, PAGE 49, WHICH AGREEMENT AFFECTS LANDS LOCATED WESTERLY OF THE DENNIS RIVER.
9. REFERENCE IS MADE TO PARTIAL RELEASE GRANTED BY SUPER 8 MOTELS OF PORTLAND, INC. WHICH RELEASES A LIEN OVER THE PROPERTY OF HARRY J. SMITH, JAR., WHICH RELEASE IS DATED OCTOBER 31, 2001 AND RECORDED IN BOOK 4297, PAGE 106.
10. REFERENCE IS MADE TO PARTIAL RELEASE OF TAX LIEN GRANTED BY STATE OF MAINE DEPARTMENT OF LABOR WHICH RELEASES A LIEN OVER THE PROPERTY OF HARRY J. SMITH, JAR., WHICH RELEASE IS DATED DECEMBER 5, 2001 AND RECORDED IN BOOK 4297, PAGE 103.
11. REFERENCE IS MADE TO MUNICIPAL QUITCLAIM DEED GRANTED BY INHABITANTS OF THE MUNICIPALITY OF MEDDYBEMPS WHICH RELEASES CERTAIN LANDS TO THE STATE OF MAINE, DEPARTMENT OF ENVIRONMENTAL PROTECTION, WHICH DEED IS DATED FEBRUARY 2, 2021 AND RECORDED IN BOOK 4755, PAGE 178.
12. TAX MAP AND LOT NUMBERS WERE OBTAINED FROM THE MAINE OFFICE OF GI ORGANIZED PARCEL LAYER ACCESSED THROUGH THE MAINE ELMIRA ARGILS ONLINE PORTAL.
13. IN THE CONVEYANCE BY THE STATE OF MAINE TO THE ASSAM TRIBE, WHICH DEED IS DATED 17, 2024 (SIC) AND RECORDED ON JUNE 17, 2024 IN BOOK 5115, PAGE 121, THE EXCEPTIONS AND RESERVATIONS INCLUDE RIGHTS FOR ACCESS, RIGHT TITLE AND INTEREST TO THE VARIOUS WELLS INSTALLED ON THE PROPERTY, AND EASEMENT OVER THE EXISTING GRAVEL ACCESS ROAD, AND RIGHT TITLE AND INTEREST TO LANDS LOCATED BLEW THE HIGHWATER OF MEDDYBEMPS LAKE. FOR FURTHER PARTICULARS, REFERENCE MAY BE HAD TO THE REFERENCED DEED.
14. TITLE TO THE PARCEL DESIGNATED AS TAX MAP 9, LOT 17 APPEARS TO BE IN DISPUTE. TITLE WAS VESTED IN THEODORE ACKLEY BY VIRTUE OF THE WILL OF MYRTLE E. ACKLEY, DECEASED OCTOBER 14, 2015, AN ABSTRACT OF WHICH WILL IS RECORDED IN BOOK 4415, PAGE 264. REFERENCE IS ALSO MADE TO BOOK 4433, PAGE 89 IN WHICH DANIEL WAYNE ACKLEY, PERSONAL REPRESENTATIVE OF THE ESTATE OF MYRTLE EDNA ACKLEY, CONVEYED THE PARCEL TO THEODORE ACKLEY. THEODORE ACKLEY DECEASED ON APRIL 3, 2021 AND RESEARCH AT THE WASHINGTON COUNTY REGISTRY OF DEEDS FINDS AN ABSTRACT IN WHICH JOSEPH A. ACKLEY WAS APPOINTED AS THE PERSONAL REPRESENTATIVE OF THE ESTATE OF THEODORE ACKLEY, WHICH ABSTRACT IS RECORDED IN BOOK 4780, PAGE 172. A PETITION FOR JEAN VOELKER TO BE APPOINTED AS THE PERSONAL REPRESENTATIVE OF THE ESTATE OF THEODORE ACKLEY WAS RECORDED IN BOOK 4820, PAGE 286. REFERENCE IS MADE TO A PETITION FOR LIS PENDENS RECORDED IN BOOK 4825, PAGE 124.
15. TOPOGRAPHY SHOWN IS BASED ON A COMBINATION OF FIELD LOCATION AND 2017 LIDAR DATA OBTAINED FROM THE NOAA OFFICE FOR COASTAL MANAGEMENT.

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**ACW**  
ACADIA CIVIL WORKS  
REGISTERED PROFESSIONAL ENGINEERS

NO.	REVISION	DATE

STATE OF MAINE  
JOSEPH W. McLEAN  
No. 11182  
REGISTERED PROFESSIONAL ENGINEER

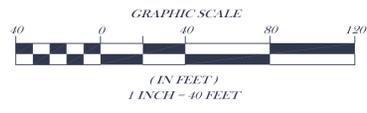
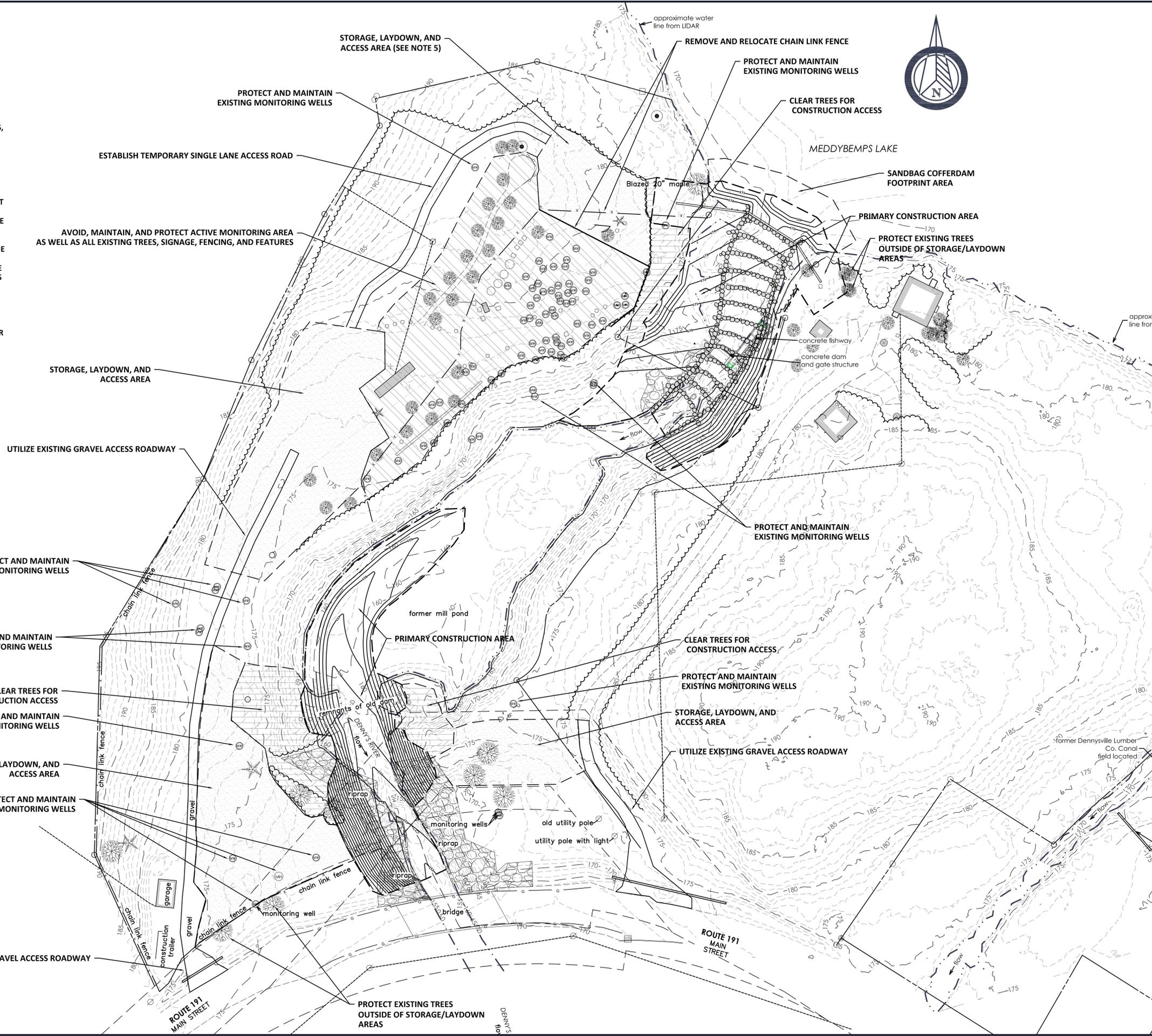
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AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)

MAR 2026  
OVERALL EXISTING PLAN

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**SITE DISTURBANCE AND ACCESS NOTES:**

1. THE CONTRACTOR SHALL NOT DISTURB OR ACCESS LAND OUTSIDE OF AREAS SHOWN ON THIS PLAN WITHOUT EXPRESSED WRITTEN PERMISSION FROM THE OWNER AND ENGINEER.
2. AREAS SHOWN ON THE PLAN AS "STORAGE, LAYDOWN, AND ACCESS AREAS" ARE PREDOMINANTLY GRASSED/CLEARED AREAS. HOWEVER, THEY MAY CONTAIN TREES AND OTHER VEGETATION, WHICH MAY BE CLEARED AND/OR REMOVED AT THE CONTRACTOR'S DISCRETION. NO MORE THAN SURFACIAL (6" OR LESS) DISTURBANCE OF THE EARTHEN SURFACE IS PERMITTED.
3. TO COMPLY WITH FEDERAL REGULATIONS RELATED TO ENDANGERED BAT SPECIES, ALL TREES (WITH A DBH OF 3" OR GREATER) SHALL BE CLEARED NO LATER THAN MAY 30TH. ADDITIONAL TREE CLEARING MAY OCCUR AFTER AUGUST 1ST AS APPROVED BY THE ENGINEER.
4. AREAS SHOWN AS "CLEAR TREES FOR CONSTRUCTION ACCESS" ARE PREDOMINANTLY WOODED AREAS, WHICH WILL REQUIRE TREE CLEARING FOR ACCESS TO THE PRIMARY CONSTRUCTION AREAS. THESE AREAS ARE TO BE CLEARED FOR ACCESS AT THE CONTRACTOR'S DISCRETION, AS THE AREA DOES NOT NEED TO BE CLEARED UNLESS IT IS IN THE CONTRACTOR'S INTEREST TO ACCOMPLISH THE WORK. NO MORE THAN SURFACIAL (18" OR LESS) DISTURBANCE OF THE EARTHEN SURFACE IS PERMITTED.
5. THE NORTHERN MOST STORAGE, LAYDOWN, AND ACCESS AREA (ADJACENT TO THE WEST END OF THE PROPOSED DAM) SHALL BE PROTECTED FROM DISTURBANCE. THIS SHALL BE ACCOMPLISHED BY LAYING DOWN A LAYER OF WOVEN GEOTEXTILE FABRIC AND PLACING A MINIMUM OF 6" OF TEMPORARY AGGREGATE FOR USE AS A STORAGE, LAYDOWN, AND OR ACCESS SURFACE. ALL GEOTEXTILE FABRIC AND AGGREGATE MATERIAL SHALL BE REMOVED UPON COMPLETION OF THE WORK.
6. THERE IS ONGOING ENVIRONMENTAL MONITORING AT THE SITE BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS TO THE SITE FOR ENVIRONMENTAL MONITORING PERSONNEL. THIS INCLUDES SHARING VEHICULAR ACCESS ALONG THE EXISTING GRAVEL ROADWAYS AND MAINTAINING ACCESS TO ALL MONITORING WELLS.
7. THE PROJECT SITE IS KNOWN TO CONTAIN VALUABLE PRE-HISTORIC (NATIVE AMERICAN) ARCHEOLOGICAL ARTIFACTS. IF ANY POTENTIAL ARTIFACTS ARE FOUND, IDENTIFIED, OR DISTURBED DURING THE COURSE OF WORK, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. CARE SHALL BE TAKEN TO PROTECT AND PRESERVE ANY ARTIFACTS FOUND, IDENTIFIED, OR UNINTENTIONALLY DISTURBED.
8. THE PROJECT SITE HAS A HISTORY OF ENVIRONMENTAL CONTAMINATION AND IS KNOWN AS THE "EASTERN SURPLUS COMPANY SUPERFUND SITE." SIGNIFICANT CLEANUP AND REMEDIATION HAS ALREADY OCCURRED ON THE SITE, HOWEVER THERE MAY BE A RISK OF UNCOVERING OR ENCOUNTERING CONTAMINATION DURING THE COURSE OF THE WORK. REFER TO THE SOILS MANAGEMENT PLAN (PREPARED BY NOBIS GROUP) CONTAINED IN THE CONTRACTS DOCUMENTS AS APPENDIX B FOR ADDITIONAL INFORMATION. IF THE CONTRACTOR ENCOUNTERS ENVIRONMENTAL CONTAMINATION DURING THE COURSE OF WORK, NOTIFY THE ENGINEER IMMEDIATELY.



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REGISTERED PROFESSIONAL ENGINEER

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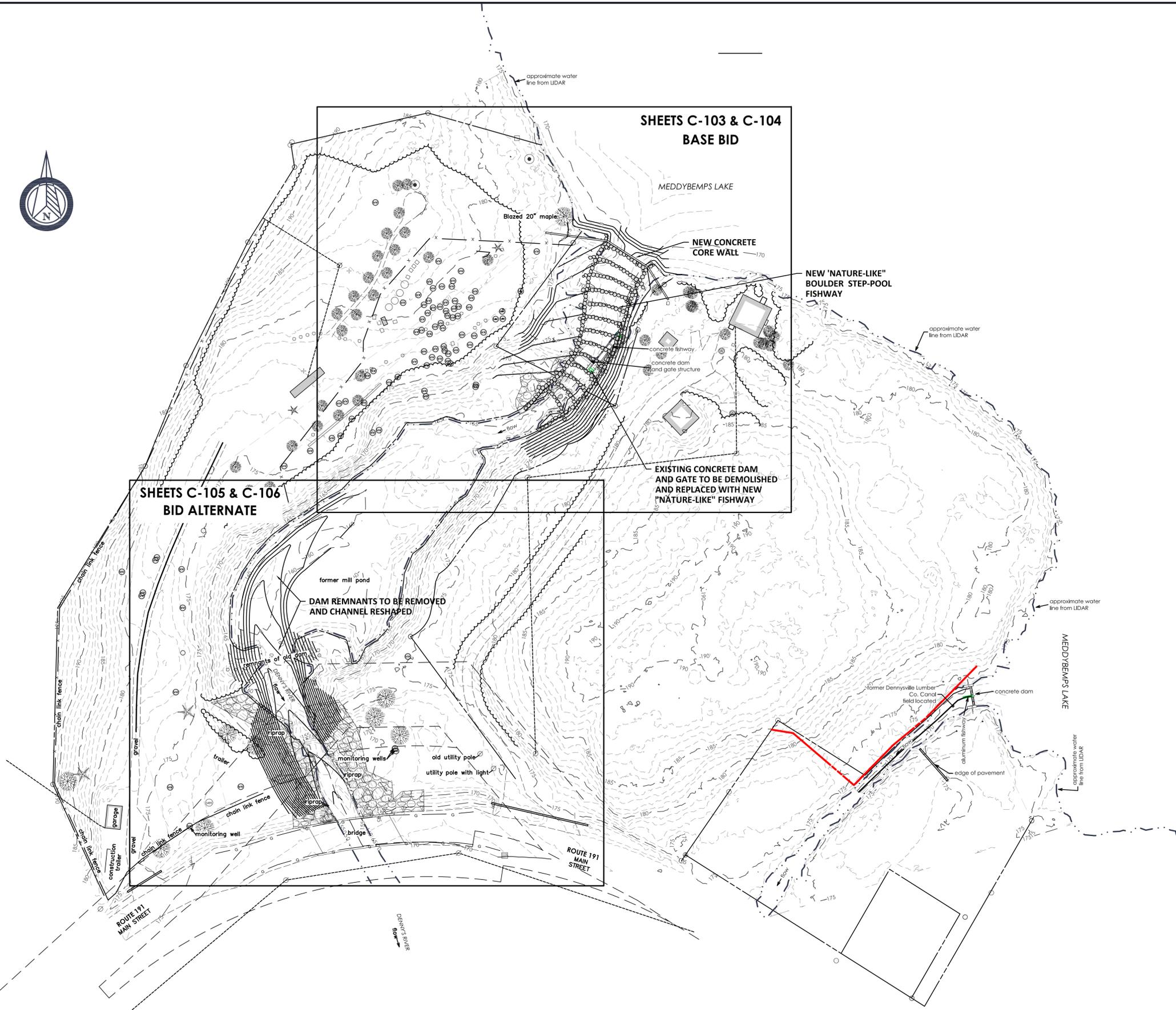
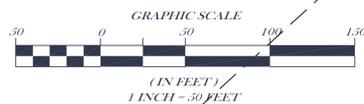
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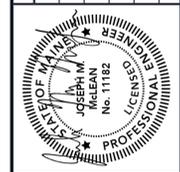
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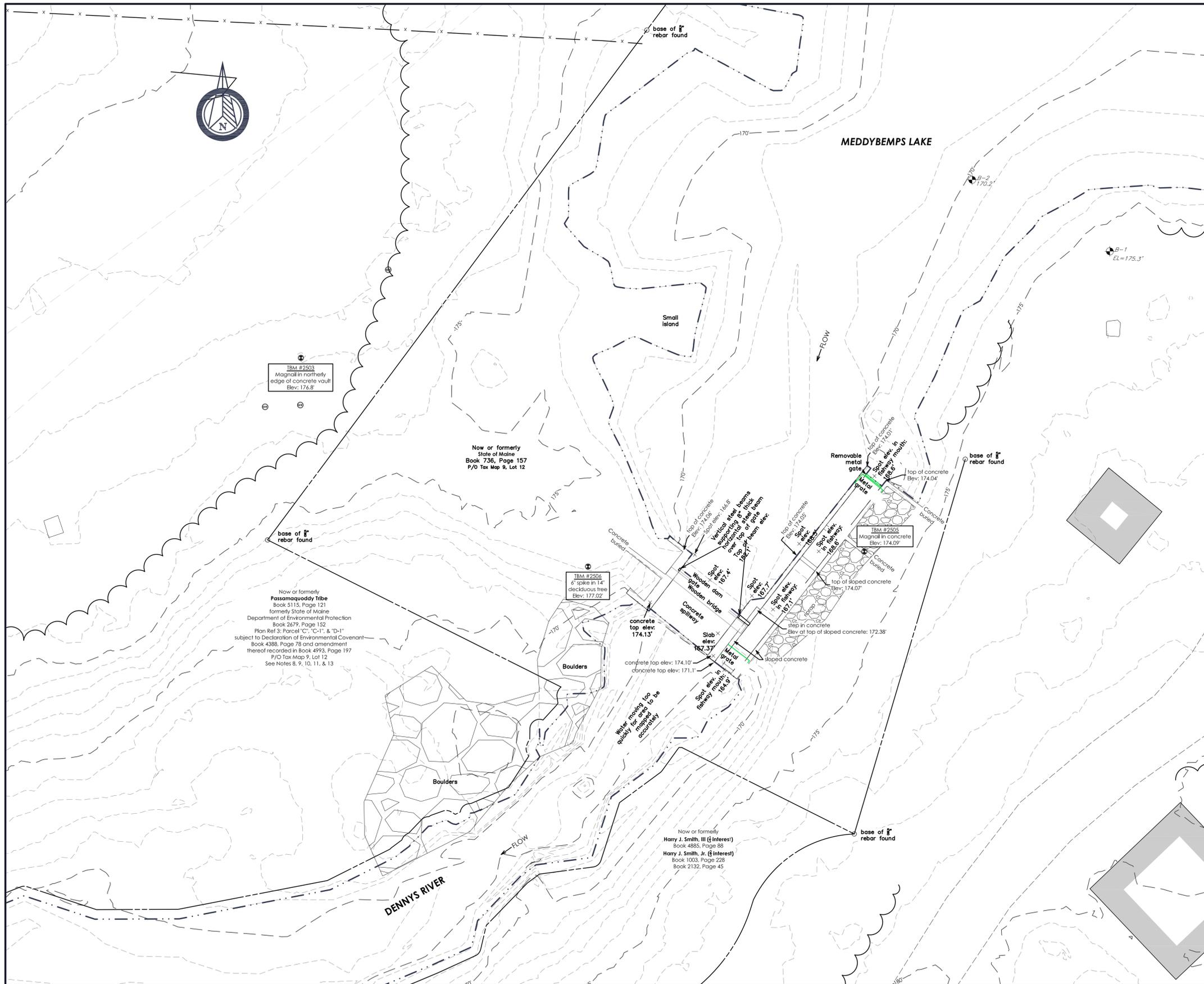
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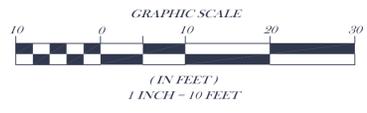


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 OVERALL IMPROVEMENTS PLAN      MAR 2026



**SURVEY NOTES**

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- HORIZONTAL AND VERTICAL CONTROL WERE ESTABLISHED AT THE SITE UTILIZING A SPECTRA PRECISION SP80 RTK NETWORK ROVER RECEIVING REAL TIME CORRECTIONS FROM THE DEPARTMENT OF TRANSPORTATION CORS NETWORK.
- RESEARCH AT THE WASHINGTON COUNTY REGISTRY OF DEEDS FINDS NO RECORD OF A CONVEYANCE BY CASSIUS H. BRIDGES TO THE STATE OF MAINE FOR THE AREA DEPICTED ACROSS LANDS OF THE SAID BRIDGES IN THE PLAN DESCRIBED IN PLAN REFERENCE 1.
- THIS PLAN IS NOT THE RESULT OF A BOUNDARY SURVEY. BOUNDARY LOCATIONS DEPICTED SHOULD BE CONSIDERED TO BE APPROXIMATE.
- FIELD LOCATION WAS COMPLETED IN DECEMBER 2020, JANUARY 2024, AND OCTOBER 2025.
- REFERENCE IS MADE TO PRESERVATION AGREEMENT BETWEEN HARRY J. SMITH, JR. AND THE PASSAMAQUODDY TRIBE, WHICH AGREEMENT IS DATED SEPTEMBER 20, 1999 AND RECORDED IN BOOK 2385, PAGE 49, WHICH AGREEMENT AFFECTS LANDS LOCATED WESTERLY OF THE DENNY'S RIVER.
- REFERENCE IS MADE TO PARTIAL RELEASE GRANTED BY SUPER 8 MOTELS OF PORTLAND, INC. WHICH RELEASES A LIEN OVER THE PROPERTY OF HARRY J. SMITH, JR., WHICH RELEASE IS DATED OCTOBER 31, 2001 AND RECORDED IN BOOK 4297, PAGE 106.
- REFERENCE IS MADE TO PARTIAL RELEASE OF TAX LIEN GRANTED BY STATE OF MAINE DEPARTMENT OF LABOR WHICH RELEASES A LIEN OVER THE PROPERTY OF HARRY J. SMITH, JR., WHICH RELEASE IS DATED DECEMBER 5, 2001 AND RECORDED IN BOOK 4297, PAGE 103.
- REFERENCE IS MADE TO MUNICIPAL QUITCLAIM DEED GRANTED BY INHABITANTS OF THE MUNICIPALITY OF MEDDYBEMPS WHICH RELEASES CERTAIN LANDS TO THE STATE OF MAINE, DEPARTMENT OF ENVIRONMENTAL PROTECTION, WHICH DEED IS DATED FEBRUARY 2, 2021 AND RECORDED IN BOOK 4755, PAGE 178.
- TAX MAP AND LOT NUMBERS WERE OBTAINED FROM THE MAINE OFFICE OF GIS ORGANIZED PARCEL LAYER ACCESSED THROUGH THE MAINE GEOLIBRARY ARCGIS ONLINE PORTAL.
- IN THE CONVEYANCE BY THE STATE OF MAINE TO THE PASSAMAQUODDY TRIBE, WHICH DEED IS DATED 17, 2024 (SIC) AND RECORDED ON JUNE 17, 2024 IN BOOK 5115, PAGE 121, THE EXCEPTIONS AND RESERVATIONS INCLUDE RIGHTS FOR ACCESS, RIGHT TITLE AND INTEREST TO THE VARIOUS WELLS INSTALLED ON THE PROPERTY, AND EASEMENT OVER THE EXISTING GRAVEL ACCESS ROAD, AND RIGHT TITLE AND INTEREST TO LANDS LOCATED BELOW THE HIGHWATER OF MEDDYBEMPS LAKE. FOR FURTHER PARTICULARS, REFERENCE MAY BE HAD TO THE REFERENCED DEED.
- TITLE TO THE PARCEL DESIGNATED AS TAX MAP 9, LOT 17 APPEARS TO BE IN DISPUTE. TITLE WAS VESTED IN THEODORE ACKLEY BY VIRTUE OF THE WILL OF MYRTLE E. ACKLEY, DECEASED OCTOBER 14, 2015, AN ABSTRACT OF WHICH WILL IS RECORDED IN BOOK 4415, PAGE 264. REFERENCE IS ALSO MADE TO BOOK 4433, PAGE 89 IN WHICH DANIEL WAYNE ACKLEY, PERSONAL REPRESENTATIVE OF THE ESTATE OF MYRTLE EDNA ACKLEY, CONVEYED THE PARCEL TO THEODORE ACKLEY. THEODORE ACKLEY DECEASED ON APRIL 3, 2021 AND RESEARCH AT THE WASHINGTON COUNTY REGISTRY OF DEEDS FINDS AN ABSTRACT IN WHICH JOSEPH A. ACKLEY WAS APPOINTED AS THE PERSONAL REPRESENTATIVE OF THE ESTATE OF THEODORE ACKLEY, WHICH ABSTRACT IS RECORDED IN BOOK 4780, PAGE 172. A PETITION FOR JEAN VOELKER TO BE APPOINTED AS THE PERSONAL REPRESENTATIVE OF THE ESTATE OF THEODORE ACKLEY WAS RECORDED IN BOOK 4820, PAGE 286. REFERENCE IS MADE TO A PETITION FOR LIS PENDENS RECORDED IN BOOK 4825, PAGE 124.
- TOPOGRAPHY SHOWN IS BASED ON A COMBINATION OF FIELD LOCATION AND 2017 LIDAR DATA OBTAINED FROM THE NOAA OFFICE FOR COASTAL MANAGEMENT.
- BORINGS B-1 AND B-2 ARE FURTHER DESCRIBED ON LOGS CONTAINED IN THE CONTRACT DOCUMENTS. REFER TO APPENDIX A FOR LOGS PREPARED BY NORTHERN TEST BORING.



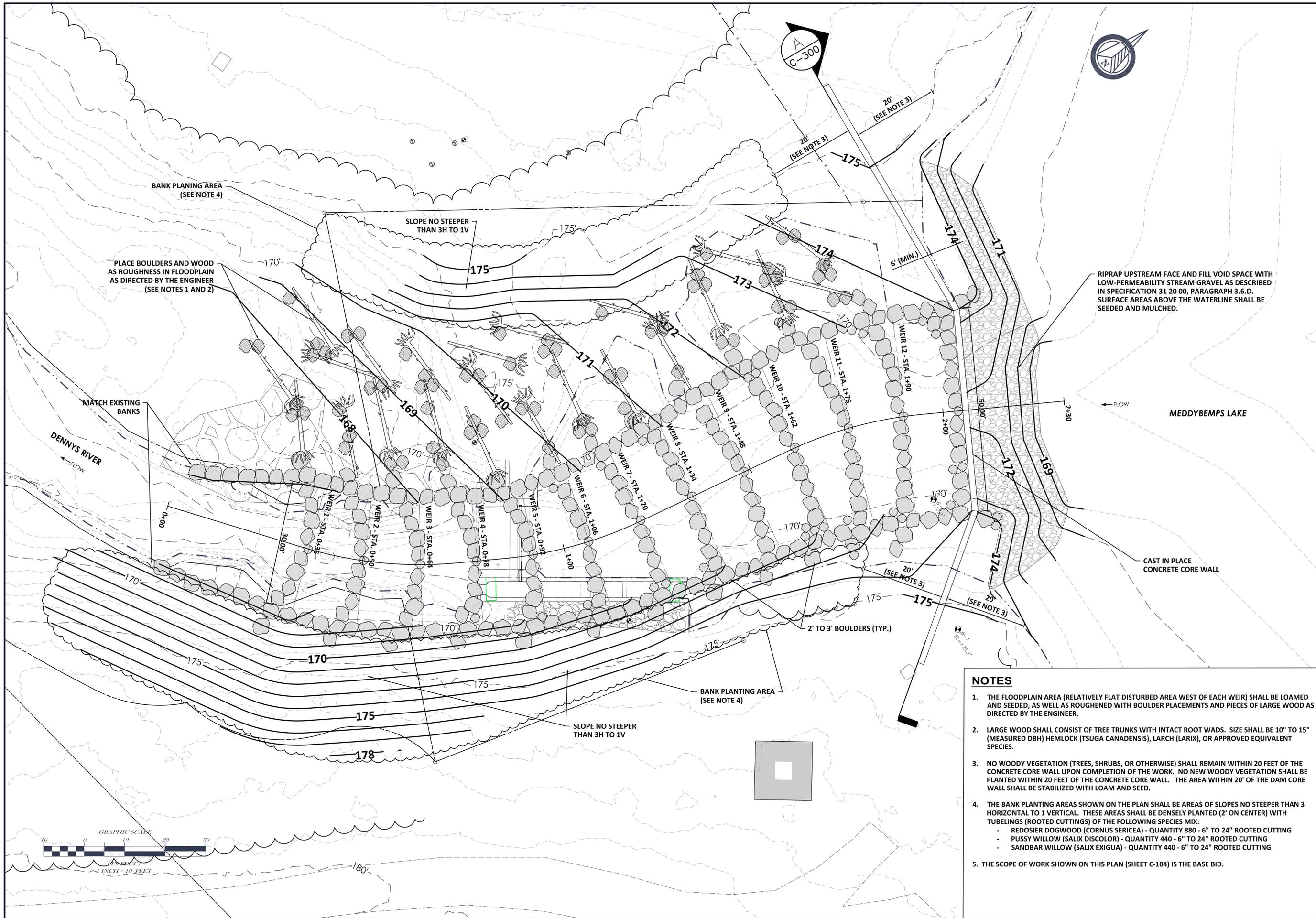
NO.	REVISION	APP'D	DATE



FISH PASSAGE IMPROVEMENTS  
 AT THE OUTLET OF MEDDYBEMPS LAKE  
 MEDDYBEMPS, ME  
 BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
 EXISTING CONDITIONS PLAN A  
 MAR 2026

(207) 212-9330  
 PO Box 212  
 Leeds, Maine  
 acadiacivilworks.com

**ACW**  
 ACADIA CIVIL WORKS  
 ARCHITECTS/ENGINEERS/CONSULTANTS



**NOTES**

1. THE FLOODPLAIN AREA (RELATIVELY FLAT DISTURBED AREA WEST OF EACH WEIR) SHALL BE LOAMED AND SEED, AS WELL AS ROUGHENED WITH BOULDER PLACEMENTS AND PIECES OF LARGE WOOD AS DIRECTED BY THE ENGINEER.
2. LARGE WOOD SHALL CONSIST OF TREE TRUNKS WITH INTACT ROOT WADS. SIZE SHALL BE 10" TO 15" (MEASURED DBH) HEMLOCK (TSUGA CANADENSIS), LARCH (LARIX), OR APPROVED EQUIVALENT SPECIES.
3. NO WOODY VEGETATION (TREES, SHRUBS, OR OTHERWISE) SHALL REMAIN WITHIN 20 FEET OF THE CONCRETE CORE WALL UPON COMPLETION OF THE WORK. NO NEW WOODY VEGETATION SHALL BE PLANTED WITHIN 20 FEET OF THE CONCRETE CORE WALL. THE AREA WITHIN 20' OF THE DAM CORE WALL SHALL BE STABILIZED WITH LOAM AND SEED.
4. THE BANK PLANTING AREAS SHOWN ON THE PLAN SHALL BE AREAS OF SLOPES NO STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL. THESE AREAS SHALL BE DENSELY PLANTED (2' ON CENTER) WITH TUBELINGS (ROOTED CUTTINGS) OF THE FOLLOWING SPECIES MIX:
  - REDOSIER DOGWOOD (CORNUS SERICEA) - QUANTITY 880 - 6" TO 24" ROOTED CUTTING
  - PUSSY WILLOW (SALIX DISCOLOR) - QUANTITY 440 - 6" TO 24" ROOTED CUTTING
  - SANDBAR WILLOW (SALIX EXIGUA) - QUANTITY 440 - 6" TO 24" ROOTED CUTTING
5. THE SCOPE OF WORK SHOWN ON THIS PLAN (SHEET C-104) IS THE BASE BID.

NO.	REVISION	DATE



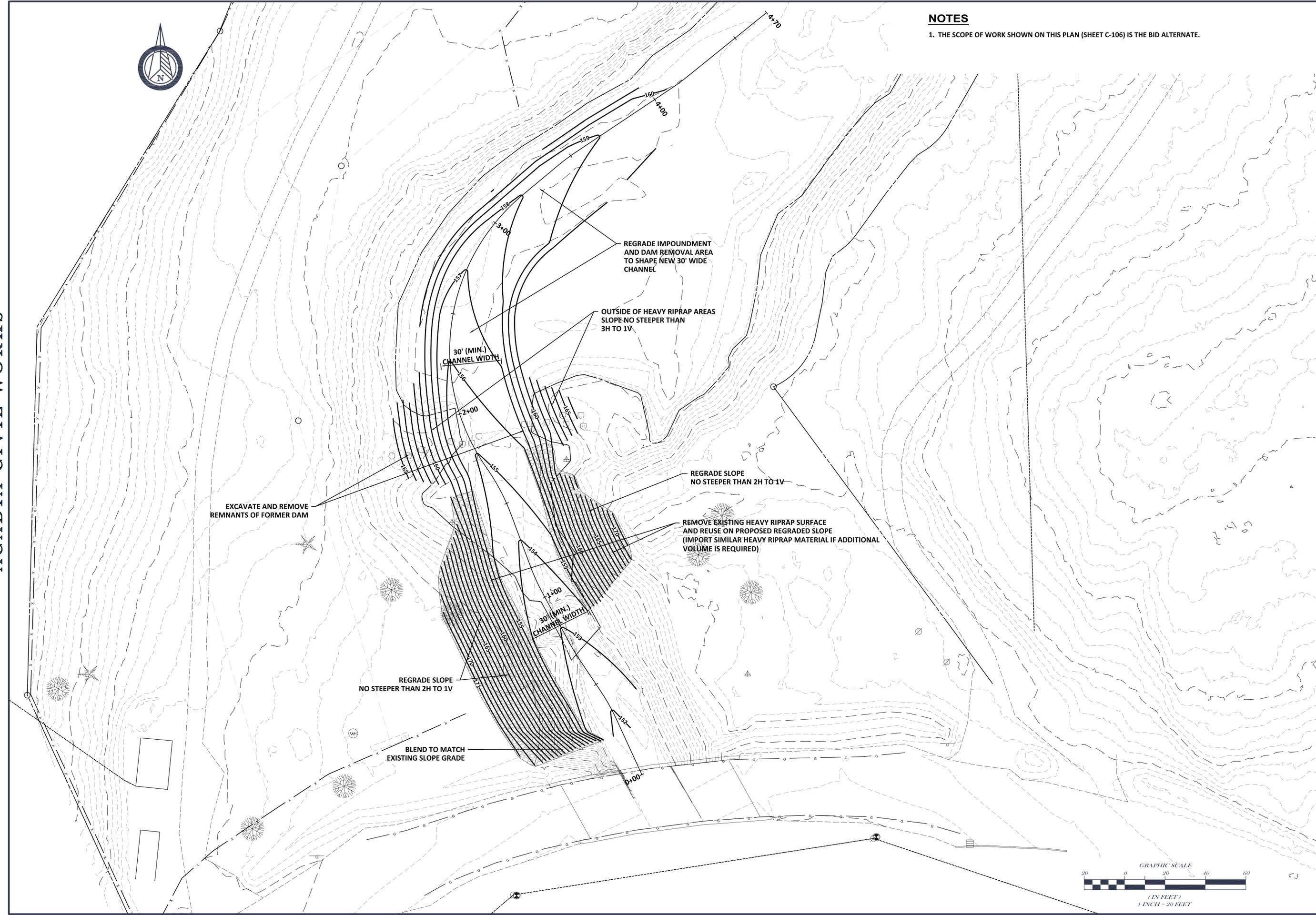
FISH PASSAGE IMPROVEMENTS  
 AT THE OUTLET OF MEDDYBEMPS LAKE  
 MEDDYBEMPS, ME  
 BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
 FISHWAY IMPROVEMENTS PLAN  
 MAR 2026





**NOTES**

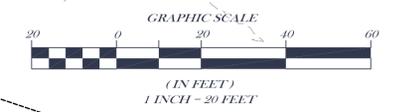
1. THE SCOPE OF WORK SHOWN ON THIS PLAN (SHEET C-106) IS THE BID ALTERNATE.

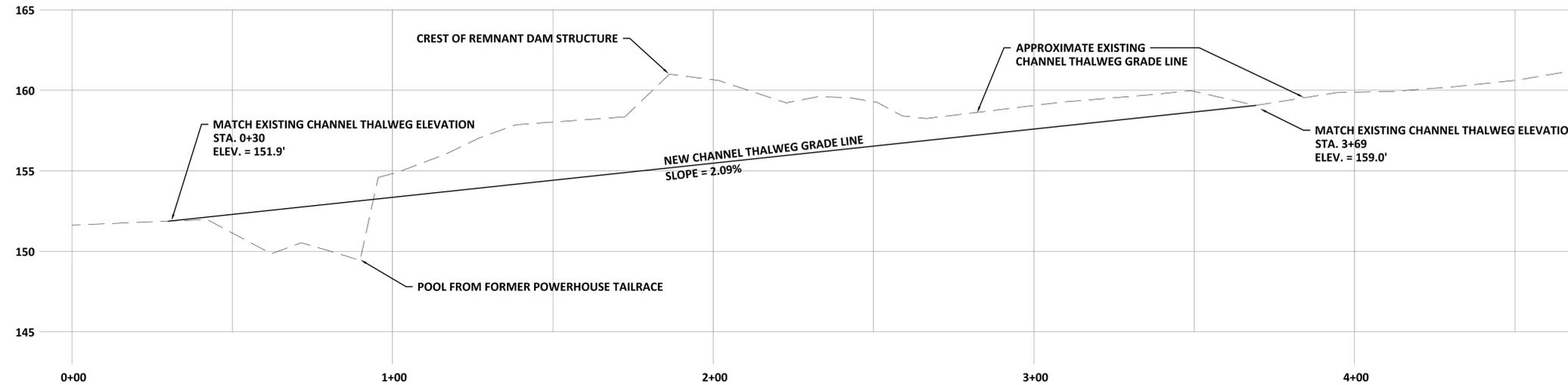
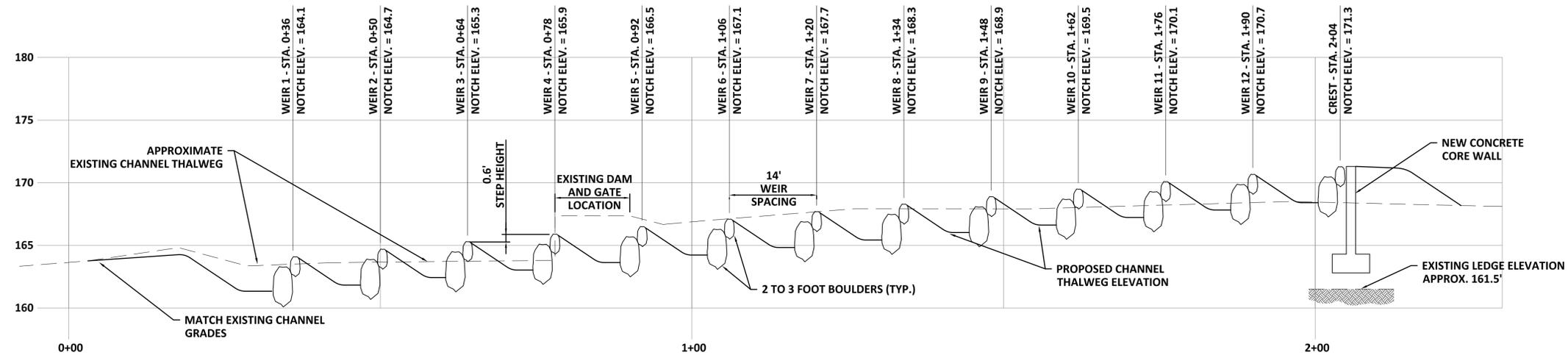


NO.	REVISION	APP'D	DATE



FISH PASSAGE IMPROVEMENTS  
 AT THE OUTLET OF MEDDYBEMPS LAKE  
 MEDDYBEMPS, ME  
 BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
 DAM REMOVAL PLAN  
 MAR 2026





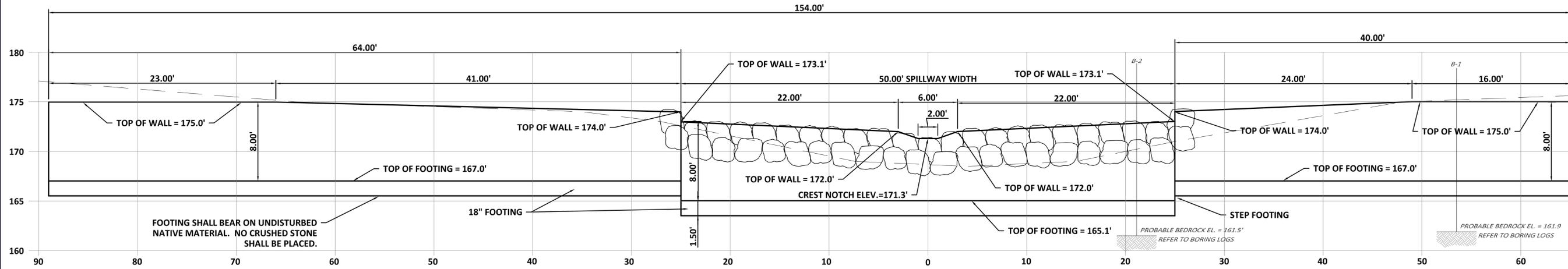
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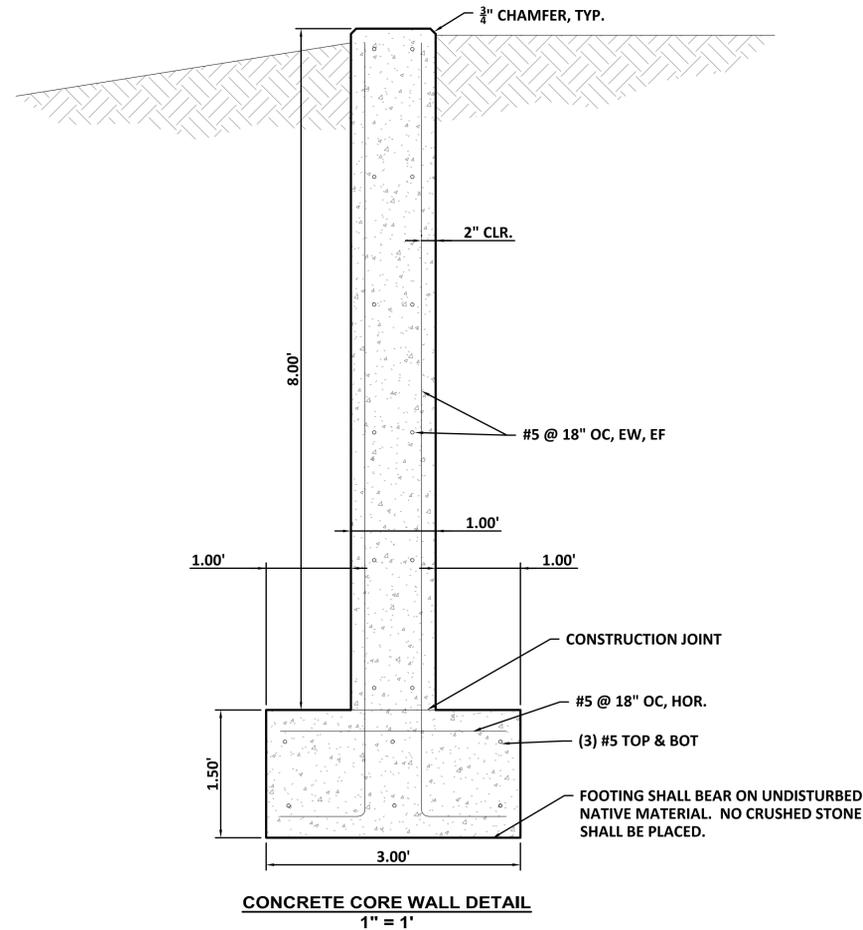
NO.	REVISION	APP'D	DATE



FISH PASSAGE IMPROVEMENTS  
 AT THE OUTLET OF MEDDYBEMPS LAKE  
 MEDDYBEMPS, ME  
 BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
 PROFILES  
 MAR 2026



**CONCRETE CORE WALL - SECTION A**  
1" = 5'



**CONCRETE CORE WALL DETAIL**  
1" = 1'

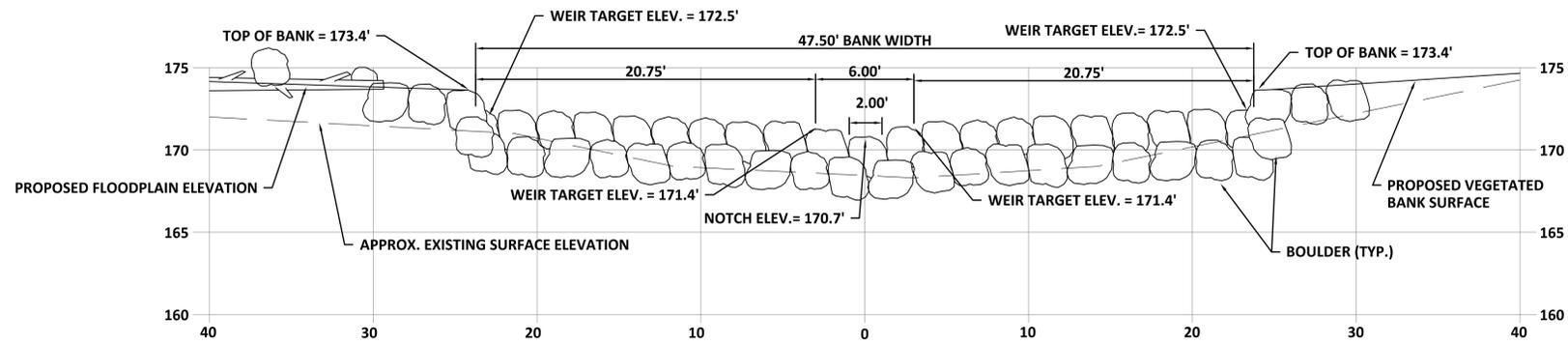
**CONCRETE NOTES**

1. REINFORCED CONCRETE SHALL CONFORM TO ACI 318-08 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: STRUCTURAL CONCRETE -  $f'c = 4,000$  PSI
3. REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO ASTM SPECIFICATION A615 GRADE 60 DEFORMED BARS.
4. REINFORCING STEEL FABRICATION SHALL BE IN ACCORDANCE WITH THE CRSI CODE OF STANDARD PRACTICE.
5. CONSTRUCTION JOINTS SHALL NOT BE PLACED AT LOCATIONS OTHER THAN SHOWN ON THE DRAWINGS UNLESS REVIEWED WITH "NO EXCEPTIONS TAKEN" BY THE ENGINEER.
6. CHAMFER ALL EXPOSED CORNERS AND EDGES.
7. 90 DEGREE BENDS IN REINFORCING BARS SHALL EXTEND 12 BAR DIAMETERS BUT NOT LESS THAN 12" BEYOND THE BEND UNLESS OTHERWISE NOTED.

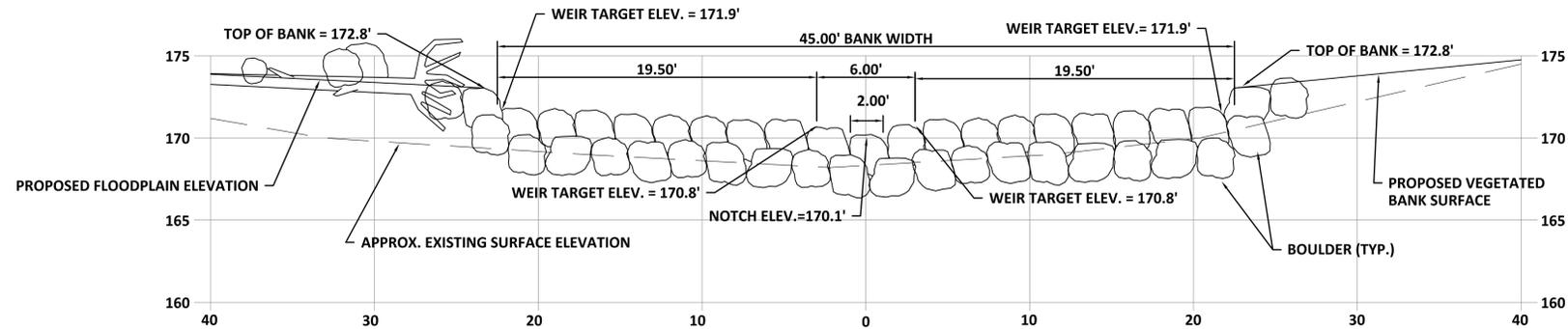
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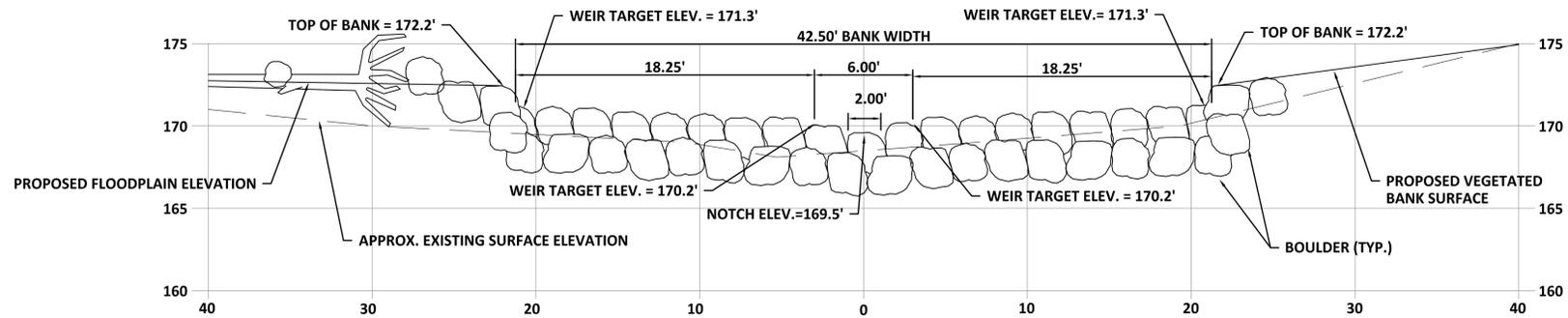
FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
CONCRETE CORE WALL DETAILS  
MAR 2026



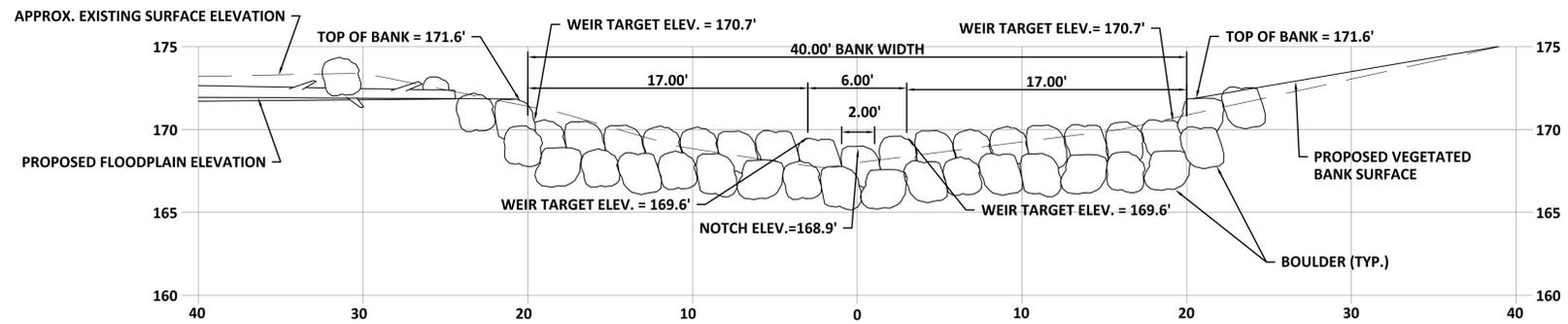
**WEIR 12 - STA. 1+90**  
1" = 5'



**WEIR 11 - STA. 1+76**  
1" = 5'



**WEIR 10 - STA. 1+62**  
1" = 5'

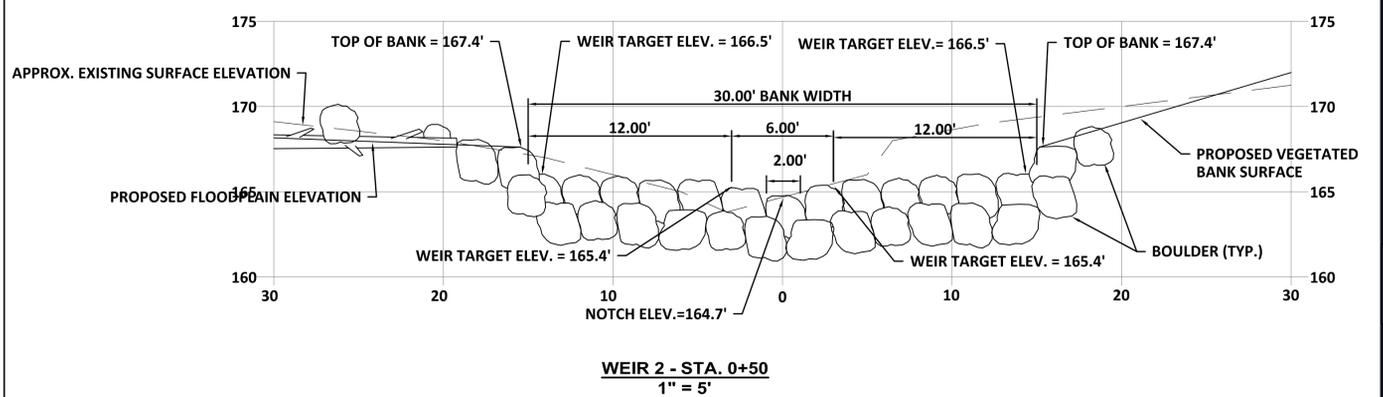
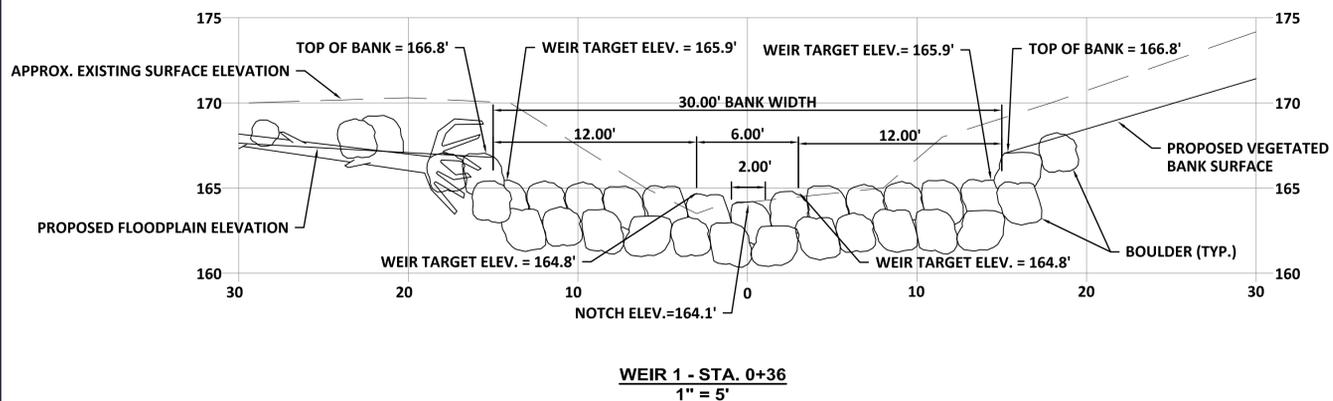
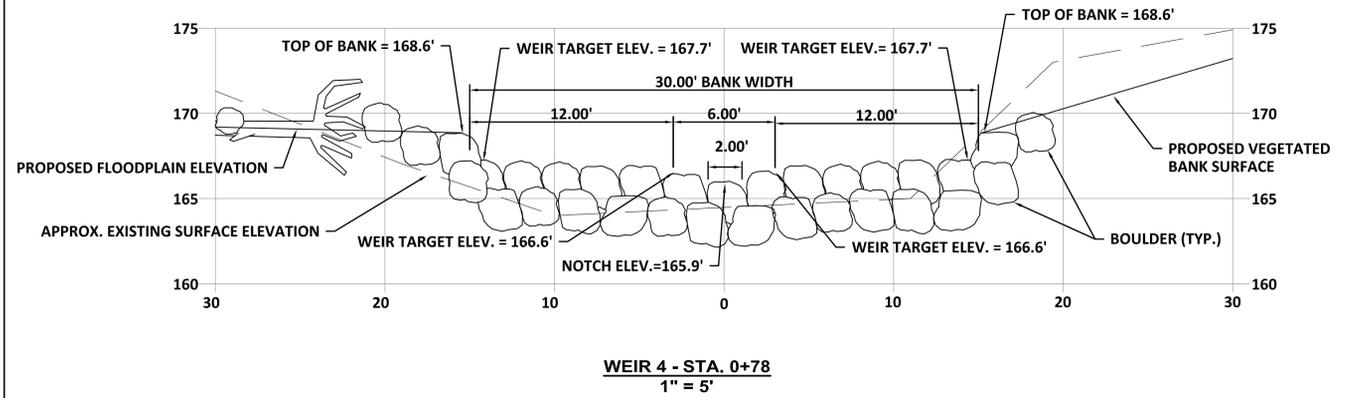
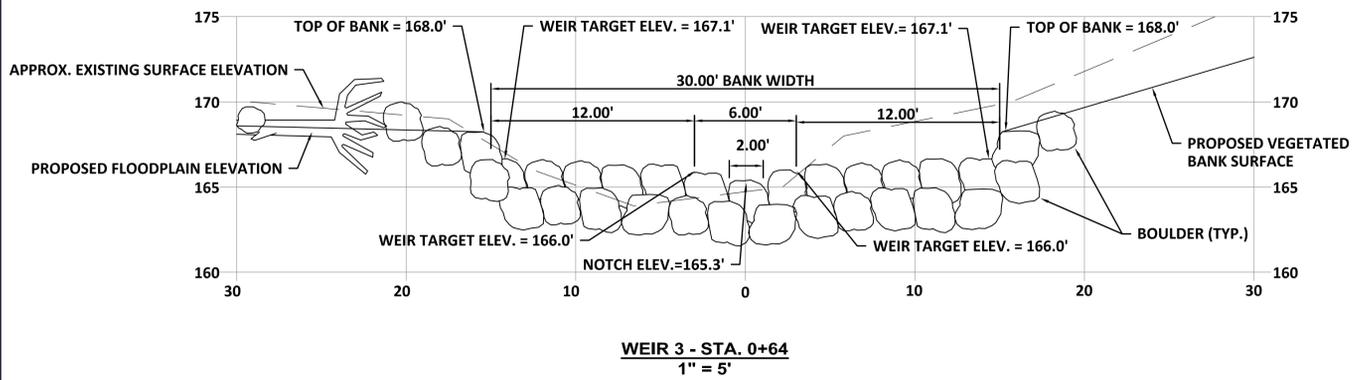
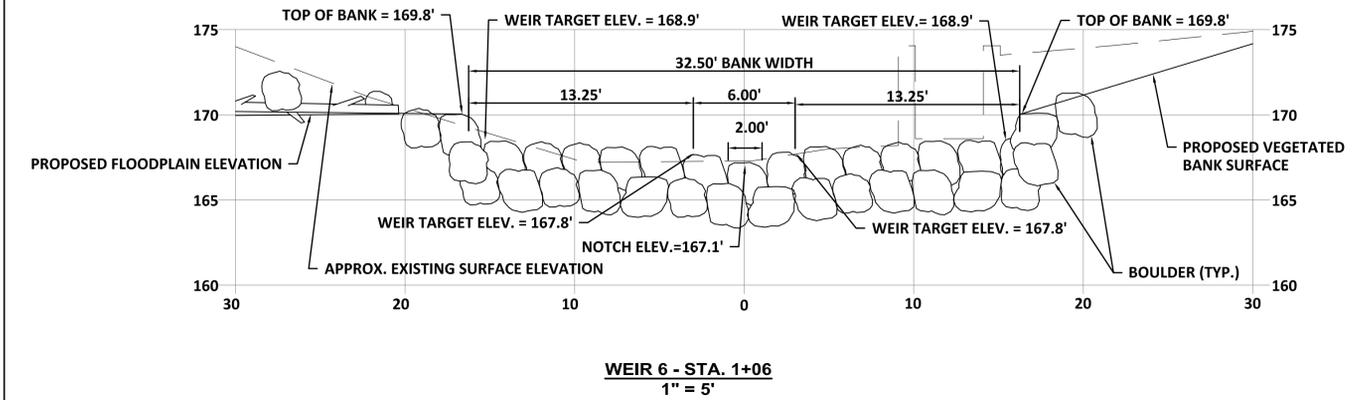
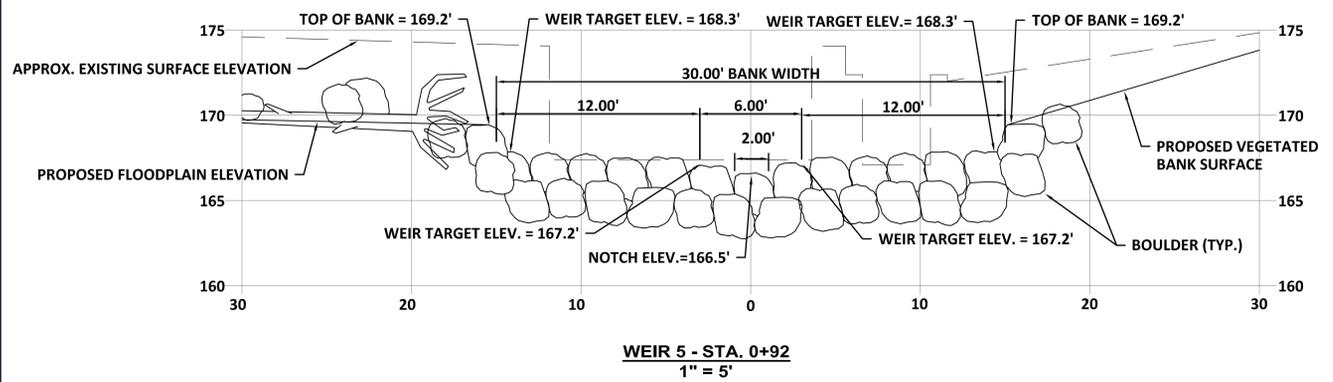
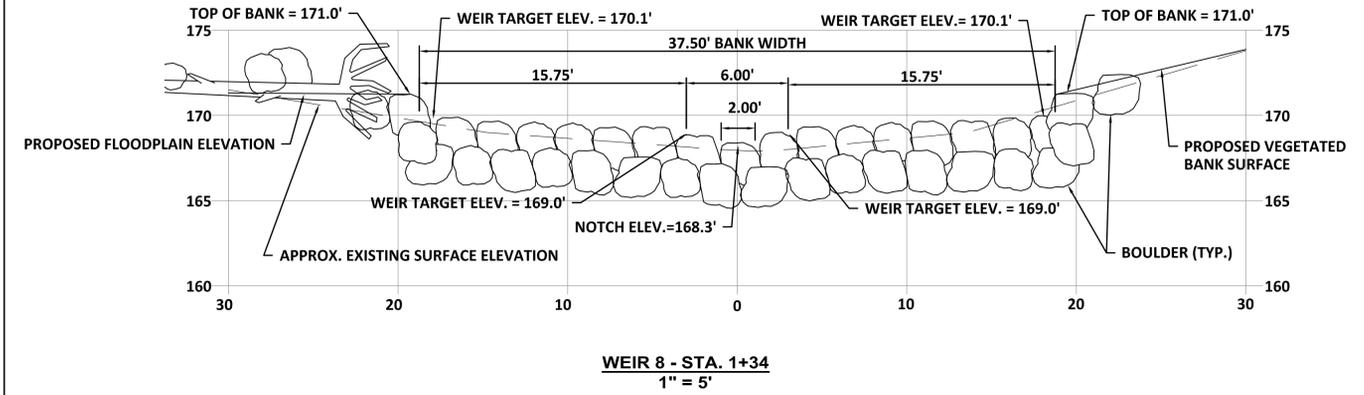
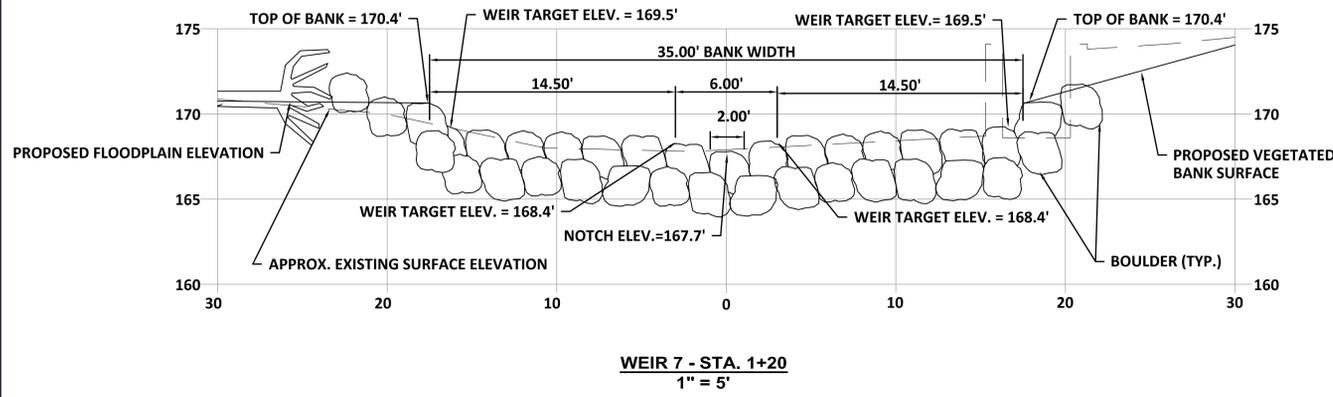


**WEIR 9 - STA. 1+48**  
1" = 5'

NO.	REVISION	APP'D	DATE



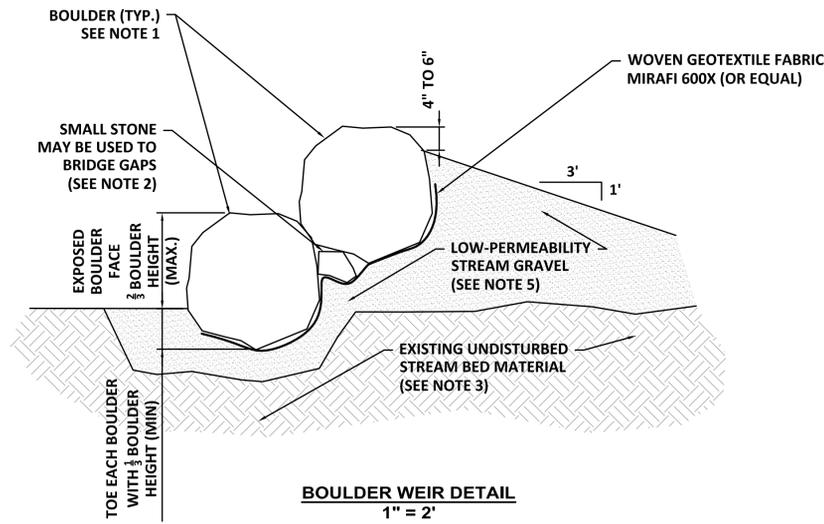
FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
WEIR ELEVATIONS  
MAR 2026



NO.	REVISION	DATE



FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
WEIR ELEVATIONS  
MAR 2026

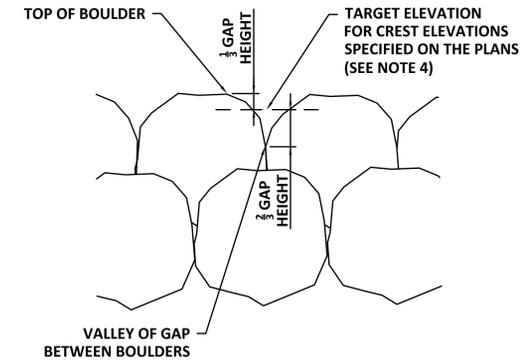


**BOULDER WEIR DETAIL**  
1" = 2'

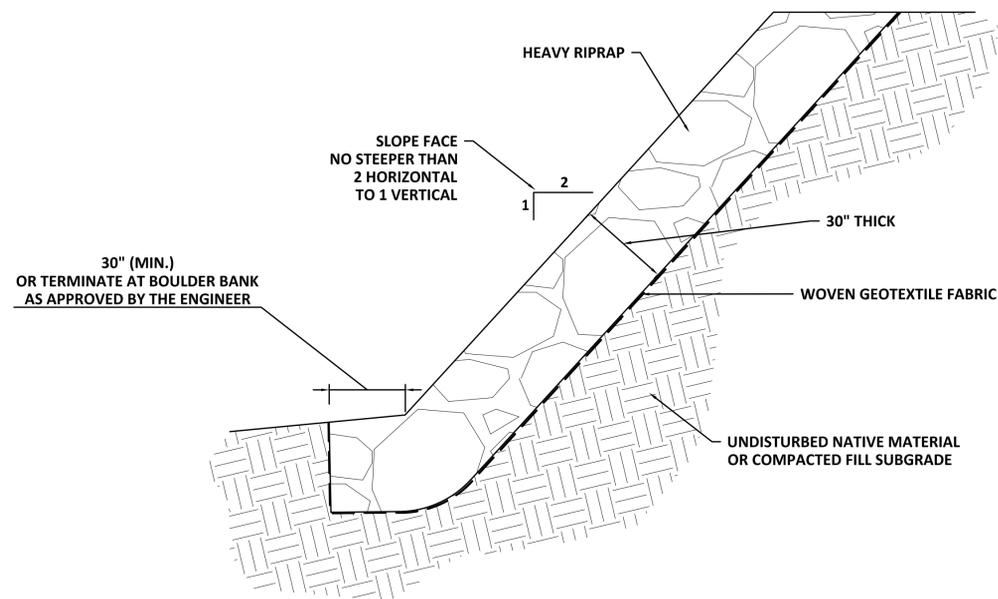
**NOTES**

1. THE BOULDERS SHOWN ON THE PLANS HAVE BEEN DRAWN AT APPROXIMATELY 36 INCHES IN DIAMETER FOR THE PURPOSES OF ILLUSTRATION. ACTUAL BOULDERS SHOULD VARY IN SIZE AND SHAPE. IN NO CASE MAY THE BOULDERS BE SMALLER THAN APPROXIMATELY 18 INCHES IN DIAMETER, UNLESS APPROVED BY THE ENGINEER. BOULDERS SHALL BE HARD, DURABLE, QUARRIED STONES OR FIELDSTONES. PRIOR TO COMMENCEMENT OF WORK THE SOURCE OF BOULDERS SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE OWNER AND ENGINEER.
2. SMALLER STONES MAY BE USED TO BRIDGE GAPS BETWEEN THE BOULDERS. THESE STONES SHALL BE LIMITED TO THE EXTENT NECESSARY TO FILL LARGE VOID SPACES BETWEEN THE BOULDERS AND SUPPORT THE GEOTEXTILE FABRIC/BACKFILL. THESE STONES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE WEIRS SO THAT THEY WILL REMAIN SECURE AFTER BACKFILL AND UPON ACTIVATION OF FLOW.
3. PRIOR TO PLACEMENT OF WEIR BOULDERS AND LOW-PERMEABILITY STREAM GRAVEL BACKFILL, THE EXISTING SUBGRADE SHALL BE PREPARED TO REMOVE UNSUITABLE MATERIAL. THIS INCLUDES THE REMOVAL OF ORGANIC MATERIALS, LOOSE SOIL, LOOSE ROCK, AND OR OTHER SURFACE MATERIALS THAT ARE NOT COMPACT NATIVE SOILS.
4. CREST, NOTCH, AND WEIR SHOULDER ELEVATIONS ARE SPECIFIED ON THE PLANS IN MANY LOCATIONS. THE ELEVATION SPECIFIED IS IN REFERENCE TO THE "TARGET" ELEVATION DEPICTED ON THE FISHWAY WEIR CREST-ELEVATION DETAIL ON THIS SHEET. THE ELEVATION IS NOT THE PEAK ELEVATION OF THE INDIVIDUAL STONES. THE "TARGET" ELEVATION IS THE IN REFERENCE TO THE CENTROID OF THE GAP BETWEEN THE LARGE STONES, WHICH IS APPROXIMATELY 1/3 OF THE VERTICAL DISTANCE (MEASURED FROM THE TOP) OF THE GAP BETWEEN THE LARGE WEIR STONES. ALL ELEVATIONS NOTED ON THESE PLANS RELATED TO STONE WEIR CRESTS, NOTCHES, AND SHOULDERS SHALL BE MEASURED AND RELATED TO THIS "TARGET" ELEVATION.
5. LOW-PERMEABILITY STREAM GRAVEL SHALL BE USED AS BACKFILL IN ALL LOCATIONS AROUND THE BOULDER WEIRS AND BOULDER BANKS. THE LOW-PERMEABILITY STREAM GRAVEL SHALL BE A BLEND OF 4-INCH STONE (50% BY VOLUME) AND A WELL-GRADED GRAVEL MATERIAL FREE OF ORGANIC MATERIAL, WOOD, TRASH, AND/OR OTHER OBJECTIONABLE MATERIAL. ALL MATERIAL SHALL PASS THE 6-INCH SIEVE. THE WELL-GRADED GRAVEL SHALL MEET THE FOLLOWING GRADATION:

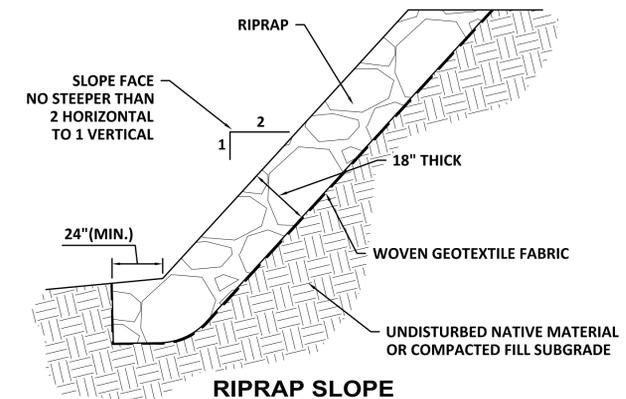
SIEVE DESIGNATION	PERCENT PASSING (BY WEIGHT)
2.5 INCH	60 - 95
1 INCH	45 - 75
1/2 INCH	25 - 50
NO. 10	20 - 40
NO. 200	10 - 15



**BOULDER WEIR CREST-ELEVATION DETAIL**  
1" = 2'



**HEAVY RIPRAP SLOPE**  
SCALE: "NTS"



**RIPRAP SLOPE**  
SCALE: "NTS"

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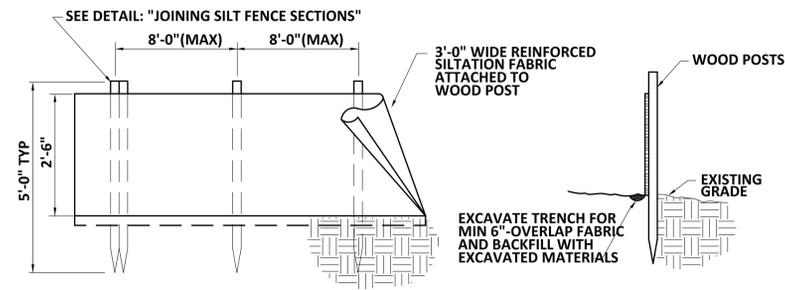
FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
MAR 2026  
DETAILS

**EROSION AND SEDIMENTATION CONTROL NOTES**

THIS PLAN HAS BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION. THIS STRATEGY IS BASED ON THE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENTATION CONTROL PRACTICES AS DETAILED IN THE "MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES" MANUAL AS PUBLISHED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATED OCTOBER 2016.

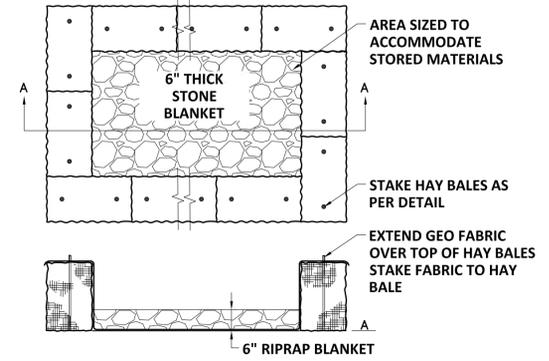
THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL STRUCTURES AND BMPs ARE SHOWN ON THE PLAN BELOW. THESE LOCATIONS SHOULD BE SEEN AS A GUIDELINE AND WILL LIKELY REQUIRE ADJUSTMENT THROUGHOUT CONSTRUCTION AS SITE CONDITIONS CHANGE.

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE IN ACCORDANCE WITH THE "MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES", MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, DATED OCTOBER 2016. THE CONTRACTOR IS ENCOURAGED TO ACQUIRE THE ACCOMPANYING "MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS."
- THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE MAINTAINED IN AN UNTREATED OR UNVEGETATED CONDITION FOR THE MINIMUM TIME REQUIRED. IN GENERAL AREAS TO BE VEGETATED SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL.
- SEDIMENT BARRIERS (SILT FENCE, HAY BALES, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF UPGRADIENT DRAINAGE AREAS.
- INSTALL SILT FENCE AT TOE OF SLOPES TO FILTER SILT FROM RUNOFF. SEE SILT FENCE DETAIL FOR PROPER INSTALLATION. SILT FENCE WILL REMAIN IN PLACE PER NOTE #5.
- ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION. SEDIMENT DEPOSITS MUST BE REMOVED WHEN THEY REACH APPROXIMATELY ONE THIRD THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
- NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2 TO 1) UNLESS STABILIZED WITH RIPRAP OR OTHER STRUCTURAL MEANS.
- IF FINAL SEEDING AND SODDING IS NOT EXPECTED PRIOR TO THE ANTICIPATED DATE OF THE FIRST KILLING FROST, USE TEMPORARY ANNUAL RYEGRASS SEEDING AND MULCHING ON ROUGH GRADED SUBSOIL TO PROTECT THE SITE AND DELAY PERMANENT LOAMING, FINE GRADING, AND SEEDING OR SODDING UNTIL SPRING.
- WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISH GRADED SHALL BE COMPLETED 30 DAYS PRIOR TO THE FIRST KILLING FROST.
- DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS. POST SEEDING SEDIMENT, IF ANY, WILL BE DISPOSED OF IN AN ACCEPTABLE MANNER.
- REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND REVEGETATED.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.
- STABILIZATION SCHEDULE BEFORE WINTER:
  - SEPTEMBER 15** ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED. ALL SLOPES MUST BE STABILIZED, SEEDED AND MULCHED. SLOPES 3:1 OR GREATER TO BE STABILIZED WITH EROSION CONTROL MATTING AND SEEDED. ALL DISTURBED AREAS TO BE PROTECTED WITH AN ANNUAL GRASS MUST BE SEEDED AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET AND MULCHED.
  - OCTOBER 1** ALL GRASS-LINED DITCHES AND CHANNELS MUST BE STABILIZED WITH MULCH OR EROSION CONTROL BLANKET.
  - NOVEMBER 15** ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED. SLOPES THAT ARE COVERED WITH RIPRAP MUST BE CONSTRUCTED BY THAT DATE.
  - DECEMBER 1** ALL DISTURBED AREAS WHERE THE GROWTH OF VEGETATION FAILS TO BE AT LEAST THREE INCHES TALL OR AT LEAST 75% OF THE DISTURBED SOIL IS COVERED BY VEGETATION, MUST BE PROTECTED FOR OVER-WINTER.



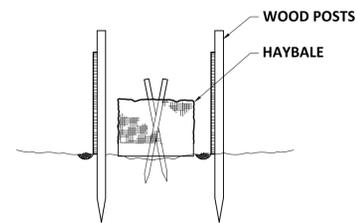
**SILT FENCE INSTALLATION DETAIL**

SCALE: "NTS"



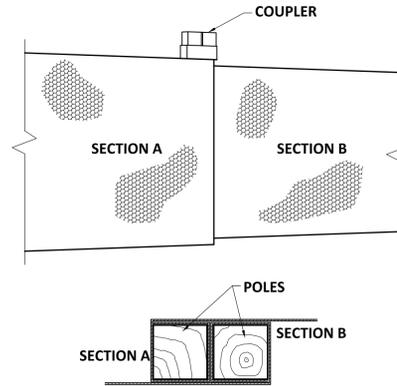
**TEMPORARY HAY BALE SEDIMENT BASIN**

SCALE: "NTS"



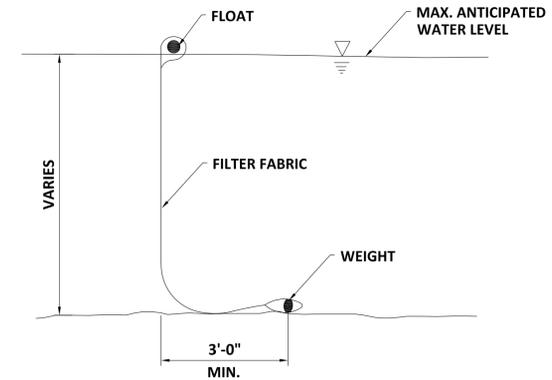
**COMBINATION SILT FENCE AND HAY BALE BARRIER**

SCALE: "NTS"



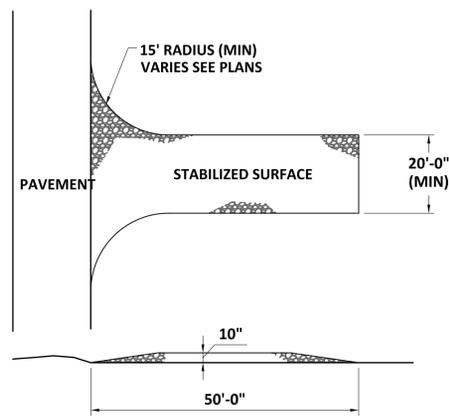
**JOINING SILT FENCE SECTIONS**

SCALE: "NTS"



**FLOATING SEDIMENT TURBIDITY CURTAIN**

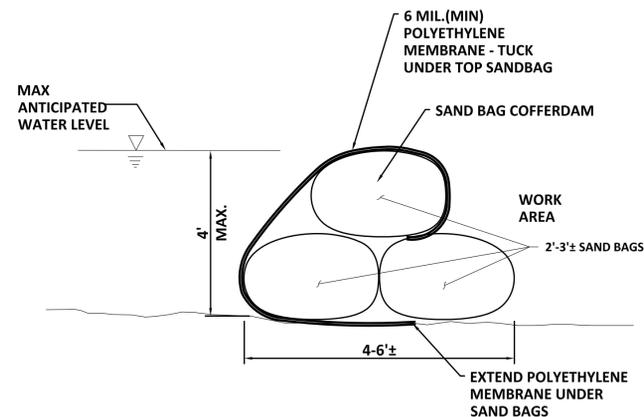
NTS



(TEMPORARY, TO BE REMOVED PRIOR TO FINAL SITE PAVING)

**STABILIZED CONSTRUCTION ENTRANCE**

SCALE: "NTS"



**COFFER DAM SECTION**

SCALE: "NTS"

NO.	REVISION	APP'D	DATE



FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)  
EROSION CONTROL PLAN  
MAR 2026

**DEWATERING SCHEDULE AND PHASES:**

**PHASE 1 - INITIAL DRAWDOWN**

1. PHASE 1 SHALL COMMENCE NO EARLIER THAN JUNE 15TH.
2. PHASE 1 SHALL CONSIST OF OPENING THE GATE AT THE UPPER DAM TO LOWER THE WATER LEVEL OF MEDDYBEMPS LAKE.
3. THE CONTRACTOR SHALL COORDINATE WITH MAINE DEPARTMENT OF MARINE RESOURCES STAFF (CURRENT DAM OPERATOR) PRIOR TO OPERATING THE GATE.
4. THE DAM GATE SHALL BE OPENED 36" AS MEASURED FROM THE DAM SLAB TO THE BOTTOM OF THE OPEN GATE. OPENING THE GATE TO 36" WILL RESULT IN INITIAL DISCHARGE FROM THE LAKE OF APPROXIMATELY 500 CFS (DEPENDING ON THE LEVEL OF THE LAKE AT THE TIME). ADJUSTMENTS TO THIS GATE OPENING MAY BE MADE AS DIRECTED BY THE ENGINEER AND/OR THE MAINE DEPARTMENT OF MARINE RESOURCES.
5. THE GOAL OF PHASE 1 IS TO DRAW DOWN THE LAKE TO ALLOW FOR THE COMMENCEMENT OF PHASE 2. AT NO TIME DURING THE COURSE OF WORK (ANY PHASE OF WORK) SHALL THE LAKE BE DRAWN DOWN BELOW ELEVATION 169.5 FEET.

**PHASE 2 - COMMENCEMENT OF IN-WATER WORK**

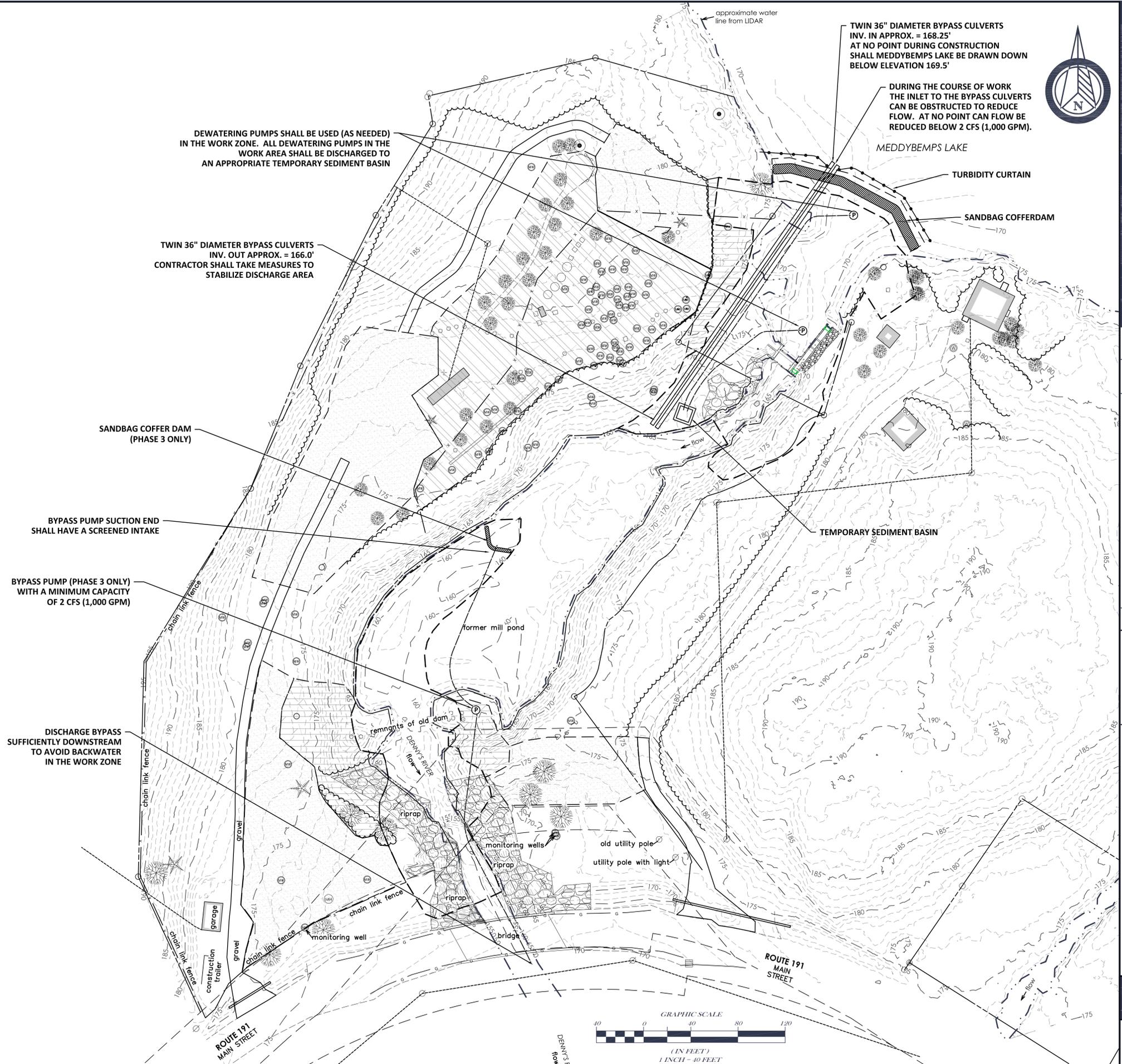
1. PHASE 2 SHALL COMMENCE NO EARLIER THAN JULY 15TH
2. PRIOR TO JULY 15TH PREPARATORY WORK IN UPLAND AREAS MAY BE UNDERTAKEN, HOWEVER NO WORK SHALL OCCUR BELOW ORDINARY HIGH WATER OR WITHIN ANY WETLANDS PRIOR TO JULY 15TH.
3. PRIOR TO COMMENCING IN-WATER WORK, THE CONTRACTOR SHALL DEPLOY AND IMPLEMENT ALL PERTINENT EROSION AND SEDIMENTATION CONTROLS, INCLUDING SILT FENCES AND TURBIDITY CURTAINS.
4. ONCE MEDDYBEMPS LAKE HAS REACHED AN ACCEPTABLE WORKING LEVEL, THE CONTRACTOR MAY COMMENCE CONSTRUCTION OF THE SANDBAG COFFER DAM AND ASSOCIATED TWIN 36" BYPASS CULVERTS.
5. UPON COMPLETION OF THE SANDBAG COFFERDAM AND BYPASS CULVERTS, AREAS WITHIN THE PRIMARY WORK ZONE MAY BE DEWATERED USING PUMPS. ALL DEWATERING PUMPS WITHIN THE WORKZONE SHALL BE DIRECTED TO AN APPROPRIATE TEMPORARY SEDIMENT BASIN.
6. ONCE PHASE 2 DEWATERING CONTROLS ARE IN PLACE, WORK MAY COMMENCE IN THE UPPER WORK AREA AS GENERALLY DEPICTED ON SHEETS C-104 AND C-105.
7. ALL WORK WITHIN THE WATER MUST BE COMPLETED BY SEPTEMBER 30TH. THIS INCLUDES THE REMOVAL OF COFFERDAMS, DEWATERING PUMPS, AND ANY EROSION AND SEDIMENTATION CONTROLS USED WITHIN THE WATER. ALL SURFACES BELOW ORDINARY HIGH WATER MUST ALSO BE STABILIZED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER PRIOR TO SEPTEMBER 30TH.

**PHASE 3 - REMOVAL OF OLD DAM REMNANTS**

1. PHASE 3 MAY ONLY OCCUR DURING PHASE 2, AS PHASE 3 DEWATERING CONTROLS MUST BE COORDINATED WITH WEATHER CONDITIONS AND DISCHARGE IN THE UPPER BYPASS CULVERTS.
2. DURING THE COURSE OF WORK, THE TWIN 36" BYPASS CULVERTS CAN BE OBSTRUCTED AT THEIR INLET TO REDUCE THE AMOUNT OF FLOW THAT IS BYPASSED AROUND THE UPPER WORK ZONE.
3. PRIOR TO COMMENCEMENT OF PHASE 3, THE CONTRACTOR SHALL REDUCE FLOW IN THE 36" BYPASS CULVERTS TO A RATE NO LOWER THAN 2 CUBIC FEET PER SECOND (APPROX. 1000 GALLONS PER MINUTE).
4. ONCE FLOW IN THE TWIN 36" PIPES HAS BEEN REDUCED TO AN ACCEPTABLE LEVEL, THE CONTRACTOR SHALL UTILIZE A BYPASS PUMP TO PUMP WATER AROUND THE LOWER SITE AREA. THIS MAY ALSO INCLUDE THE USE OF A SAND BAG COFFER DAM AT THE UPPER END OF THE WORK ZONE.
5. THE BYPASS PUMP MUST BE CAPABLE OF BYPASSING A MINIMUM OF 2 CUBIC FEET PER SECOND (1,000 GALLONS PER MINUTE) AT ALL TIMES. AT NO TIME SHALL FLOW IN THE DENNY'S RIVER BE REDUCED BELOW THIS LEVEL.
6. IF ADDITIONAL DEWATERING PUMPS ARE NECESSARY WITHIN THE WORK ZONE, THEY MAY BE UTILIZED. HOWEVER, ALL DEWATERING PUMPS WITHIN THE WORK ZONE SHALL BE DISCHARGED AN APPROPRIATE TEMPORARY SEDIMENT DISCHARGE BASIN.
7. ALL WORK WITHIN THE WATER MUST BE COMPLETED BY SEPTEMBER 30TH. THIS INCLUDES THE REMOVAL OF COFFERDAMS, DEWATERING PUMPS, AND ANY EROSION AND SEDIMENTATION CONTROLS USED WITHIN THE WATER. ALL SURFACES BELOW ORDINARY HIGH WATER MUST ALSO BE STABILIZED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER PRIOR TO SEPTEMBER 30TH.

**PHASE 4 - RETURN TO NORMAL LAKE LEVEL**

1. UPON COMPLETION OF WORK, IT IS ANTICIPATED THAT THE LEVEL OF MEDDYBEMPS LAKE WILL BE BELOW THE NEWLY CONSTRUCTED DAM SPILLWAY CREST.
2. AT NO TIME CAN DISCHARGE FROM MEDDYBEMPS LAKE TO THE DENNY'S RIVER BE OBSTRUCTED OR REDUCED BELOW 2 CUBIC FEET PER SECOND (1000 GALLONS PER MINUTE).
3. PRIOR TO THE REMOVAL OF TWIN 36" BYPASS CULVERTS, A BYPASS PUMP SHALL BE UTILIZED TO MAINTAIN THE MINIMUM DISCHARGE REQUIRED AROUND THE WORK AREA.
4. ONCE ALL IN WATER WORK IS COMPLETE, THE BYPASS PUMP SYSTEM SHALL REMAIN IN PLACE UNTIL MEDDYBEMPS LAKE RAISES TO NORMAL LAKE LEVELS AND IS ABLE TO DISCHARGE OVER THE NEWLY CONSTRUCTED SPILLWAY.
5. IT IS ANTICIPATED THAT THIS BYPASS PUMP WILL BE IN PLACE AFTER SEPTEMBER 30TH.
6. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN THIS MINIMUM DISCHARGE AND ASSOCIATED PUMPING SYSTEM UNTIL THE LAKE IS ABLE TO DISCHARGE OVER THE SPILLWAY.



TWIN 36" DIAMETER BYPASS CULVERTS  
INV. IN APPROX. = 168.25'  
AT NO POINT DURING CONSTRUCTION  
SHALL MEDDYBEMPS LAKE BE DRAWN DOWN  
BELOW ELEVATION 169.5'

DURING THE COURSE OF WORK  
THE INLET TO THE BYPASS CULVERTS  
CAN BE OBSTRUCTED TO REDUCE  
FLOW. AT NO POINT CAN FLOW BE  
REDUCED BELOW 2 CFS (1,000 GPM).

DEWATERING PUMPS SHALL BE USED (AS NEEDED)  
IN THE WORK ZONE. ALL DEWATERING PUMPS IN THE  
WORK AREA SHALL BE DISCHARGED TO  
AN APPROPRIATE TEMPORARY SEDIMENT BASIN

TWIN 36" DIAMETER BYPASS CULVERTS  
INV. OUT APPROX. = 166.0'  
CONTRACTOR SHALL TAKE MEASURES TO  
STABILIZE DISCHARGE AREA

SANDBAG COFFER DAM  
(PHASE 3 ONLY)

BYPASS PUMP SUCTION END  
SHALL HAVE A SCREENED INTAKE

BYPASS PUMP (PHASE 3 ONLY)  
WITH A MINIMUM CAPACITY  
OF 2 CFS (1,000 GPM)

DISCHARGE BYPASS  
SUFFICIENTLY DOWNSTREAM  
TO AVOID BACKWATER  
IN THE WORK ZONE

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ACADIA CIVIL WORKS  
A DESIGN-BUILD CONSULTING FIRM

NO.	REVISION	DATE

FISH PASSAGE IMPROVEMENTS  
AT THE OUTLET OF MEDDYBEMPS LAKE  
MEDDYBEMPS, ME  
BUREAU OF GENERAL SERVICES (PROJ. # 3894)

CONSTRUCTION DEWATERING PLAN  
MAR 2026

DRAWING  
**C-800**