



**US Army Corps
of Engineers** ®
New England District
Maine Project Office
675 Western Avenue, #3
Manchester, Maine 04351

PUBLIC NOTICE

Comment Period Begins: July 21, 2015
Comment Period Ends: August 4, 2015
File Number: NAE-2015-1223
In Reply Refer To: Shawn Mahaney
Phone: (978) 318-8492
E-mail: shawn.b.mahaney@usace.army.mil

15 Day Public Notice

The District Engineer has received a permit application to conduct work in waters of the United States from The Piscataquis County Commissioners, 163 East Main Street, Dover-Foxcroft, Maine 04426. This work is proposed in Blackstone Brook off Church Road at Blanchard Twp, Maine. The site coordinates are: Latitude 45.25794°N, Longitude -69.58285°W.

Place temporary and permanent fill below the ordinary high water line of Blackstone Brook at Blanchard Township, Maine in order to replace an undersized culvert beneath Church Road with a single lane, 42' bridge span. De-watering the work site will require the installation of temporary cofferdams. The project will result in approximately 1,600 square feet of permanent and 3,370 square feet of temporary stream bed impact.

The work is shown on the attached plans entitled "Atlantic Salmon Federation, Contract Drawings For, Road Crossing Reconstruction, at Blackstone Brook in Blanchard Township, Maine" on 8 sheets dated "May 2015" and "Atlantic Salmon Federation, Blackstone Brook, Blanchard Township, Maine, Wetland Impacts Sketch" in one (1) sheet dated "June 2015".

AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
 Section 404 of the Clean Water Act
 Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed

CENAE-R
FILE NO. NAE-2015-1223

activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

NATIONAL HISTORIC PRESERVATION ACT

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s).

ESSENTIAL FISH HABITAT (EFH)

This work may impact EFH for Atlantic salmon. This habitat consists of stream bottom composed of mixed sand, gravel, cobble and boulders. Long-term impact to this species is expected to be minimal with appropriate erosion control measures, in stream work windows, and other best management practices. Therefore, the District Engineer has made a preliminary determination that the site-specific adverse effect will be minimal. Further consultation with the federal resource agencies regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision. Similarly, consultation will be initiated regarding the presence of salmon as they are a federally listed endangered species.

ENDANGERED SPECIES CONSULTATION

On November 13, 2000, the National Marine Fisheries Service and the U.S. Fish and Wildlife Service (Services) listed a distinct population segment (DPS) of Atlantic salmon (*Salmo solar*) in the Gulf of Maine as an endangered species under the Endangered Species Act (ESA). More recently, the Services listed Atlantic salmon critical habitat and expanded the current Gulf of Maine DPS. This culvert

CENAE-R
FILE NO. NAE-2015-1223

replacement project falls within the listing area. The project site also falls within the review area for federally listed Canada lynx and the recently listed Northern Long-eared Bat.

The Corps has made the determination that this project is unlikely to jeopardize the continued existence of Atlantic salmon or result in the destruction or adverse modification of its critical habitat. In fact, the project is expected to result in a long-term benefit to the species. The Corps has also made a determination that the proposed project will have no effect on Canada Lynx, and is not likely to adversely affect the Northern long eared bat. Consultation with the Services is on-going. By this public notice, the District Engineer is also requesting that the appropriate federal agency provide comments regarding the presence of and potential impacts to other listed species or its critical habitat not already identified.

The following authorizations have been applied for, or have been, or will be obtained:


- (X) Permit, License or Assent from State.
- () Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Shawn Mahaney at (978) 318-8492 or (207) 623-8367 extension 4.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.


Frank J. Del Giudice
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____

ADDRESS: _____

PHONE: _____

ATLANTIC SALMON FEDERATION

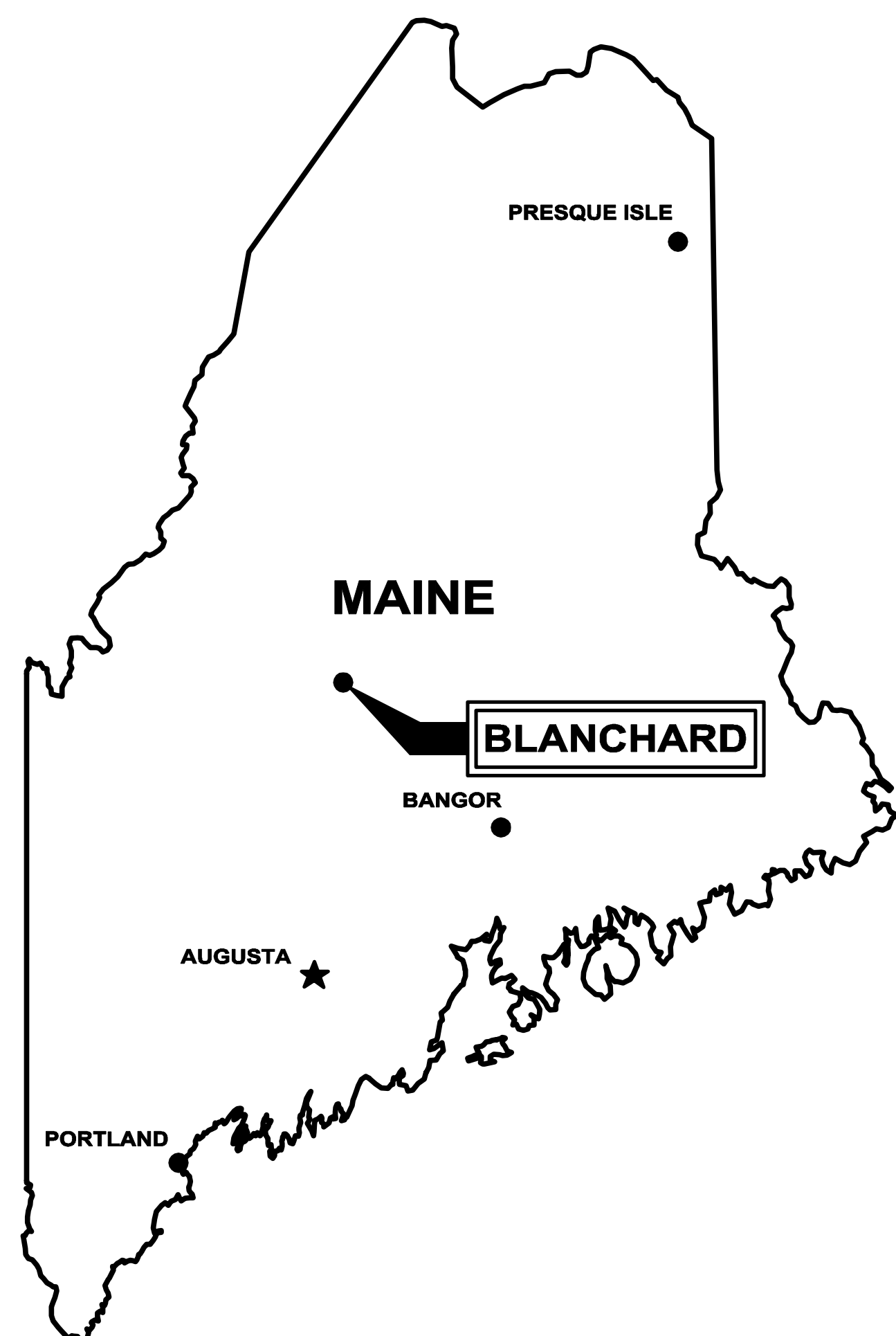
CONTRACT DRAWINGS FOR

ROAD CROSSING RECONSTRUCTION

AT BLACKSTONE BROOK IN BLANCHARD TOWNSHIP, MAINE

MAY 2015

ISSUED FOR BID



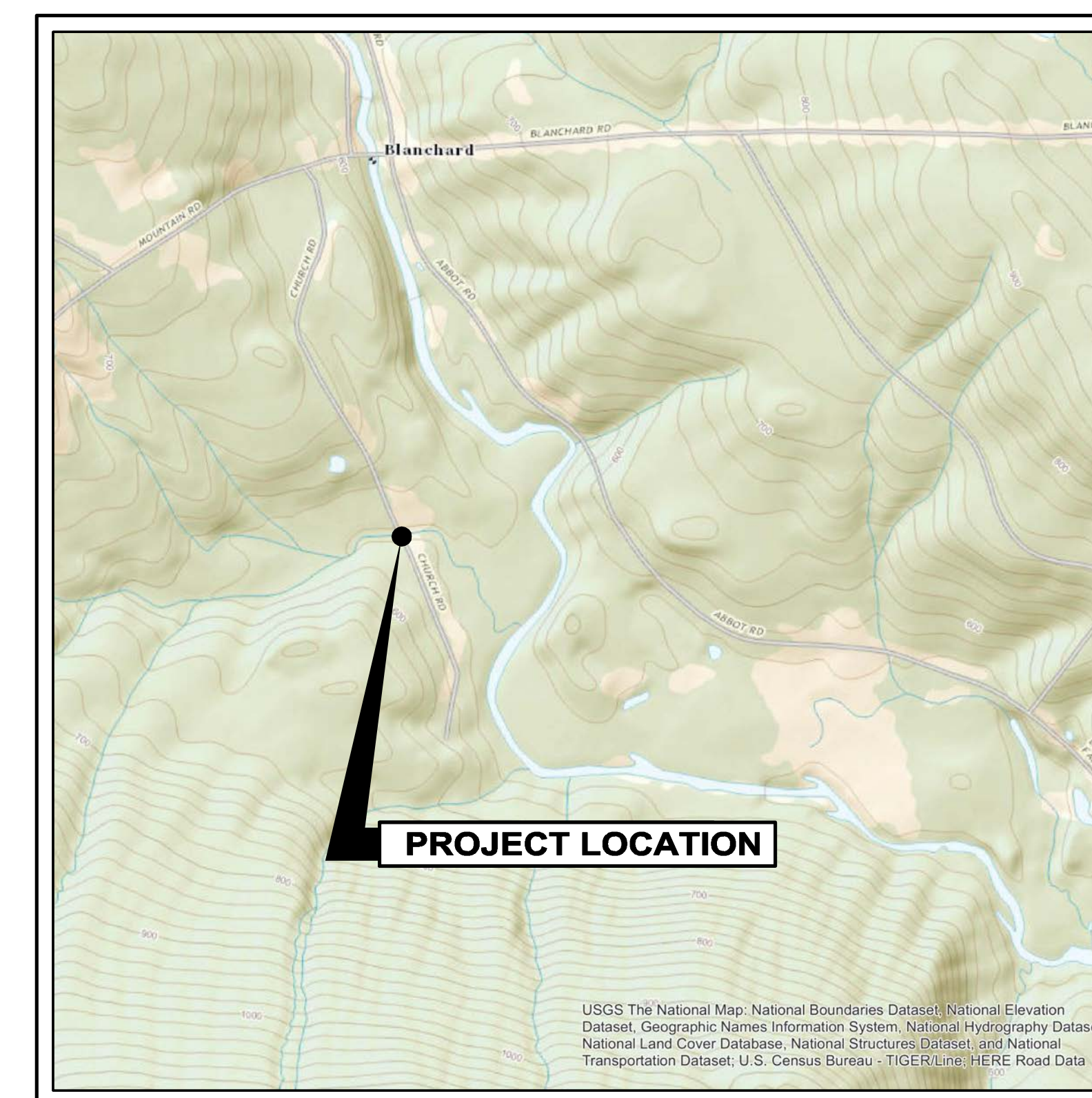
DRAWING INDEX

GENERAL

----- COVER SHEET

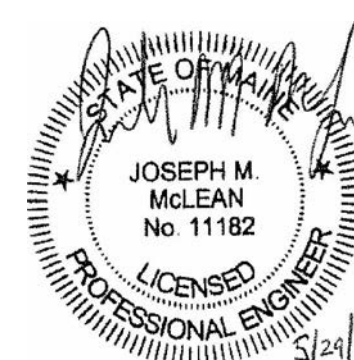
CIVIL

- C-1 GENERAL NOTES, LEGEND AND ABBREVIATIONS
- C-2 EXISTING CONDITIONS PLAN
- C-3 EXISTING AND PROPOSED PLAN AND SECTIONS - MAIN CHANNEL CROSSING
- C-4 PROPOSED SECTIONS - MAIN CHANNEL CROSSING
- C-5 PROPOSED SECTIONS - MAIN CHANNEL CROSSING
- C-6 PROPOSED STREAM SECTIONS - MAIN CHANNEL CROSSING
- C-7 DETAILS
- EROSION CONTROL NOTES AND DETAILS



LOCATION PLAN

SCALE: 1"=1,300'



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FOR REVIEW _____

FOR BIDDING 5-29-15

WP PROJECT No. 12946A

GENERAL NOTES

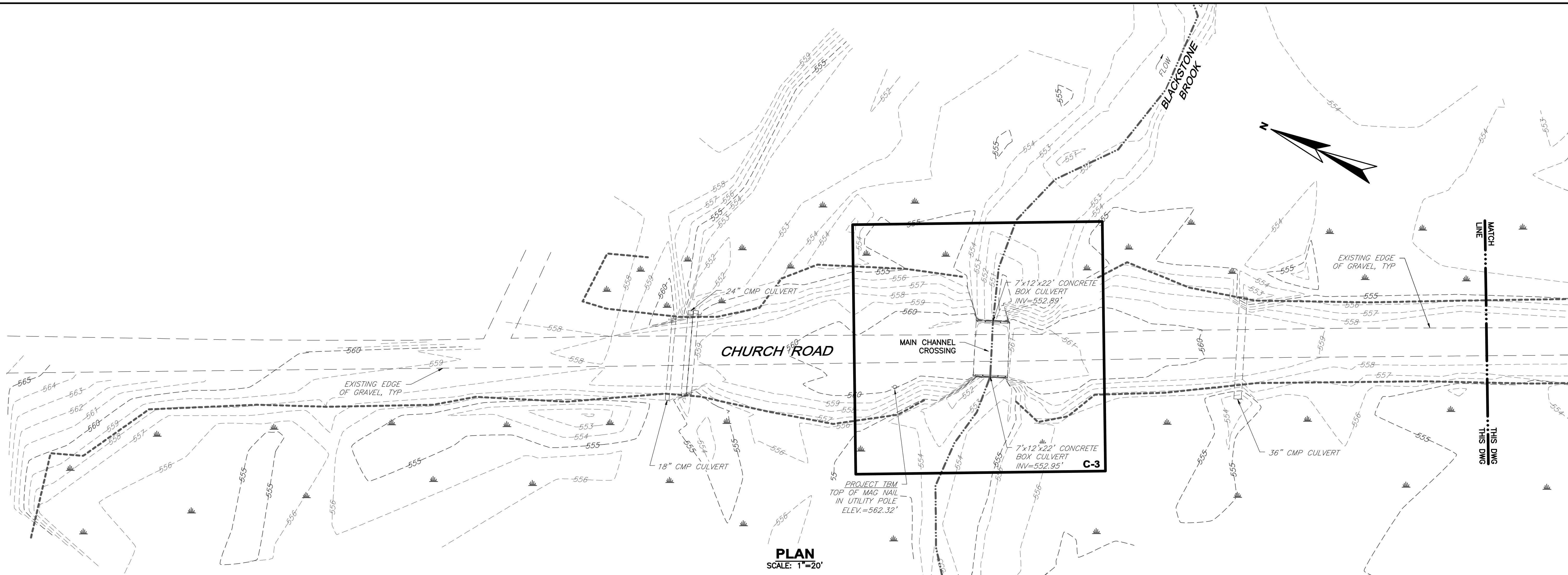
- 1. BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK. REFER TO SPECIFICATION SECTION 01050. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED. UTILITY CONTACTS ARE AS FOLLOWS:
ELECTRIC: MAINE PUBLIC SERVICE 47 BENNETT DRIVE CARIBOU, MAINE 04736 TEL. (207) 496-3111
STORM DRAINS (STATE HIGHWAY): MAINE DEPT. OF TRANSPORTATION RICE STREET PRESQUE ISLE, MAINE 04769 TEL. (207) 764-2060
TELEPHONE: NEW ENGLAND TELEPHONE P.O. BOX 940 615 ODLIN ROAD BANGOR, ME 04401 TEL. (207) 947-2741
DIG SAFE: TEL. 1-800-225-4977
2. ALL EXISTING STORM DRAIN LINES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE. ANY EXISTING STORM DRAIN LINES OR CULVERTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, EXCEPT WHEN NOT SHOWN OR INDICATED.
3. ALL STRUCTURES POLES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
4. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO MAINE PUBLIC SERVICE COMPANY OR NEW ENGLAND TELEPHONE, RESPECTIVELY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES
5. DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS AND STATIONING SHALL PREVAIL. REPORT ANY DISCREPANCIES IMMEDIATELY TO ENGINEER. TOPOGRAPHY SURVEY BASED NRCS FIELD OBSERVATIONS DATED MAY 2013. WRIGHT-PIERCE SUPPLEMENTED THE SURVEY WITH STREAM CROSS SECTIONS, STREAM PROFILE AND LEVEL RUN TO TIE IN VERTICAL DATUM DATED JUNE 2014.
6. CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL SIGNS IN ACCORDANCE WITH MDOT REQUIREMENTS.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER PRIOR TO COMMENCING CONSTRUCTION. THE PISCATAQUIS COUNTY SHERIFF'S DEPARTMENT (564-3304) AND BLANCHARD TOWNSHIP FIRE DEPARTMENT ARE TO BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR. REFER TO SPEC. SECTION 01570.
8. THE OWNER WILL BE RESPONSIBLE FOR OBTAINING THE PERMITS LISTED IN THE SUPPLEMENTARY OR SPECIAL CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH PERMIT AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. COPIES OF ALL OBTAINED PERMITS ARE AVAILABLE FOR REVIEW AT THE PISCATAQUIS COUNTY OFFICES. ALL OTHER PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
9. 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. COPIES OF ALL RIGHTS-OF-WAY AND EASEMENTS ARE AVAILABLE FOR REVIEW AT THE PISCATAQUIS COUNTY OFFICES.
10. CONTRACTOR SHALL MINIMIZE CLEARING OPERATIONS. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 02110. CLEARING LIMITS SHALL BE AS INDICATED ON THE DRAWINGS, BUT AT ALL TIMES WITHIN EXISTING ROAD RIGHTS-OF-WAY AND PROPERTY LINES ON STATE OR COUNTY-OWNED PROPERTY OR EASEMENTS. ALL GRUBBINGS AND EXCESS EXCAVATED MATERIAL ARE THE PROPERTY OF THE CONTRACTOR AND WILL BE DISPOSED OF AT A SITE PROVIDED BY THE CONTRACTOR IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE EXCAVATED MATERIAL AT A SITE PROVIDED BY HIM 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 SOIL AND WATER CONSERVATION COMMISSION. REFER TO SPECIFICATION SECTION 02270.
12. COMPACTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS. ANY SETTLEMENT OCCURRING WITHIN ONE YEAR OF SUBSTANTIAL COMPLETION OF THE PROJECT WILL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
13. OPEN TRENCHES IN THE ROADWAY MUST BE BACKFILLED AT THE END OF THE WORKDAY UNLESS PERMISSION IS GIVEN IN WRITING FROM THE OWNER.
14. CONTRACTOR SHALL CONTROL DUST TO A TOLERABLE LIMIT AS OUTLINED IN THE SPECIFICATIONS. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH AND DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. STREETS OPENED TO THE PUBLIC SHALL BE KEPT FREE OF DEBRIS.
15. ALL ROAD AND PARKING AREA SURFACES SHALL PITCH 1/4 INCH PER FOOT MINIMUM UNLESS OTHERWISE NOTED. ALL VEGETATED AREAS ABOVE MEAN HIGH WATER ELEVATION THAT ARE EXCAVATED, FILLED OR OTHERWISE DISTURBED BY THE CONTRACTOR AND ARE NOT TO BE PAVED OR FILLED WITH RIPRAP SHALL BE LOAMED, GRADED, LIMED, FERTILIZED, SEEDED AND MULCHED AT NO ADDITIONAL EXPENSE TO THE OWNER.
16. 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.
17. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
18. 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 HIS 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 AND ALL STATE, FEDERAL AND LOCAL REGULATIONS.
19. THE ENGINEER WILL PROVIDE CONTRACTOR WITH HORIZONTAL CONTROL POINTS TO ASSIST CONTRACTOR IN LAYING OUT THE CONSTRUCTION CENTERLINE. THE CONTRACTOR SHALL ESTABLISH HORIZONTAL AND VERTICAL ROADWAY LAYOUT CONTROL POINTS BEYOND THE LIMITS OF ROADWAY WORK AND PROTECT THESE POINTS FOR THE DURATION OF THE PROJECT. LAYOUT OF ALL CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD29). ORIENTATION IS NAD83 MAINE STATE PLANE, EAST ZONE, US FOOT. PROJECT BENCHMARK WILL BE PROVIDED BY THE ENGINEER.
20. THE CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO DAMAGE TREES WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED.
21. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS OWN LAY DOWN AREA. 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.
22. APPROXIMATE LIMIT OF WORK ON PLANS IS INTENDED TO SHOW GENERAL SCOPE OF THE WORK. ACTUAL LIMITS OF WORK ARE TO BE DETERMINED IN THE FIELD TO MEET PROJECT NEEDS AS DETERMINED BY THE OWNER AND ENGINEER.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY THEIR OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE. PROPERTY BOUNDS FOUND ARE SHOWN ON THE PLANS, THIS MAY NOT BE INCLUSIVE OF ALL BOUNDS THAT EXIST IN THE PROJECT AREA. IF ANY ADDITIONAL BOUNDS ARE FOUND, THE CONTRACTOR SHALL DOCUMENT THE LOCATION AND NOTIFY THE ENGINEER.

CIVIL ABBREVIATIONS

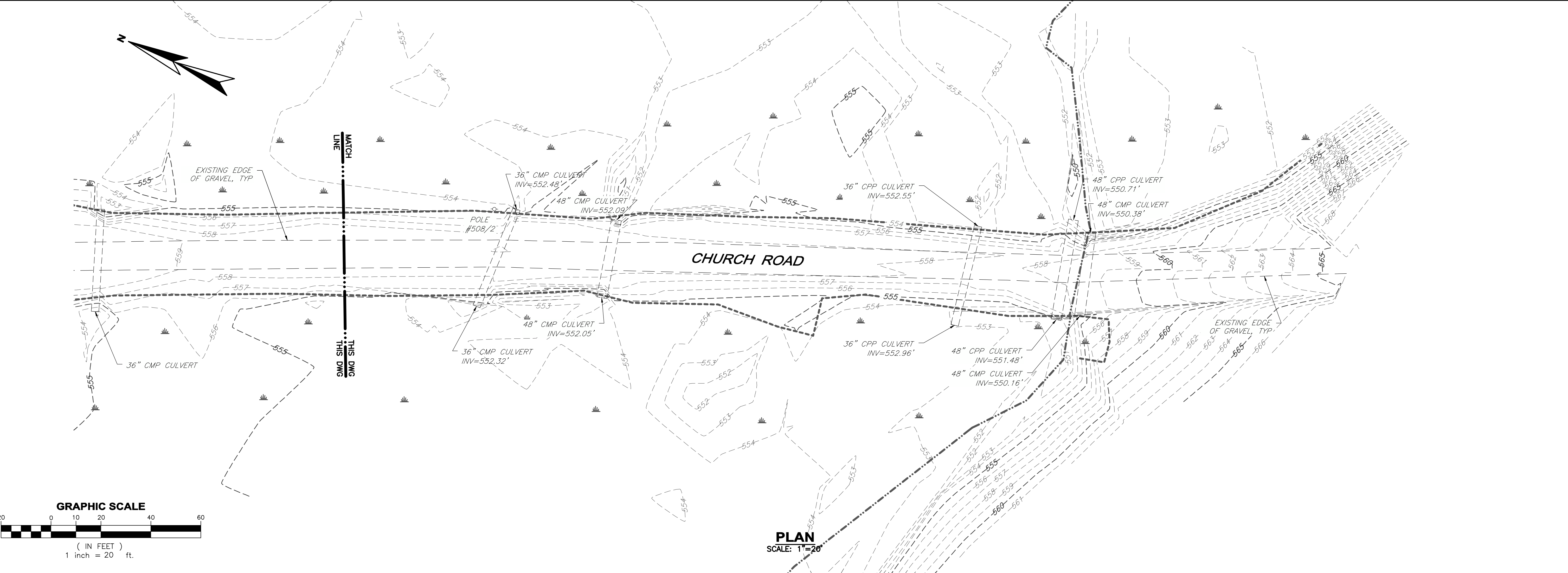
Table listing civil abbreviations such as & DIA, #, NO, APP'D, BLDG, CB, CEN, CFS, CI, CL, CMP, CO, CONC, COR, CY, DEMO, DMH, DI, DR, DWG, EL, EMH, FM, FT, G, HYD, IN, INF, INV, LBS, MAX, MH, MIN, MW, N, NGVD, N/A, NTS, OD, PC, PSF, PSI, PS, PT, PVC, RCP, RD, REQ'D, S, SD, SF, SMH, SQ, STA, T, XFMR, TBM, THK, TOS, TYP, UD, UG, UGE, VC, W/, W. Each abbreviation is paired with its full name.

LEGEND table with columns for EXISTING and PROPOSED symbols. It lists various engineering symbols and their corresponding descriptions, such as PROPERTY/ROW LINE, SETBACK LINE, EASEMENT LINE, CENTERLINE, EDGE OF PAVEMENT, CURBING, EDGE OF GRAVEL, EDGE OF CONCRETE, CONTOUR, BUILDING, STONEWALL, TREELINE, CHAIN LINK FENCE, STOCKADE FENCE, BARB WIRE FENCE, RETAINING WALL, GUARDRAIL, SEWER, SEWER FORCE MAIN, GAS, WATER, STORM DRAIN, UNDERDRAIN, CULVERT, UNDERGROUND ELECTRIC, OVERHEAD ELECTRIC, IRON PIPE/REBAR, DRILLHOLE, MONUMENT, SURVEY CONTROL POINT, SPOT ELEVATION, SEWER MANHOLE, DRAINAGE MANHOLE, CATCH BASIN, ELECTRIC MANHOLE, TELEPHONE MANHOLE, SHUTOFF VALVE, WATER SERVICE SHUTOFF, YARD HYDRANT, HYDRANT, UTILITY POLE, UTILITY POLE W/ GUY, UTILITY POLE W/ LIGHT, LIGHT POLE, BOLLARD, FLAGPOLE, CONFEROUS TREE, DECIDUOUS TREE, SHRUB, EDGE OF WATER, STREAM, EDGE OF WETLANDS, FLOODPLAIN, WETLANDS, DRAINAGE FLOW, DRAINAGE SWALE, PAVEMENT MARKINGS, SIGN, MAILBOX, TEMPORARY BENCH MARK, TEST PIT, TEST BORING, TEST PROBE, MONITORING WELL, LIMIT OF WORK, SILT FENCE, RIPRAP, RAILROAD, MATCHLINE, ROCK OUTCROP.

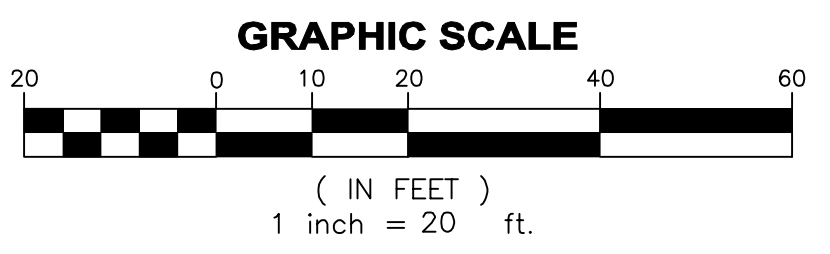
Project information and title block. Includes: ATLANTIC SALMON FEDERATION ROAD CROSSING RECONSTRUCTION AT BLACKSTONE BROOK IN BLANCHARD TOWNSHIP, MAINE. GENERAL NOTES, LEGEND AND ABBREVIATIONS. DRAWING C-1. Includes logos for Wright-Pierce Engineering and a professional seal for Joseph M. MacLean, No. 11182, State of Maine, License No. 12946A.



PLAN
SCALE: 1"=20'

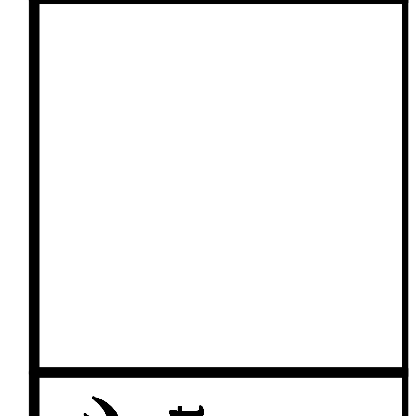
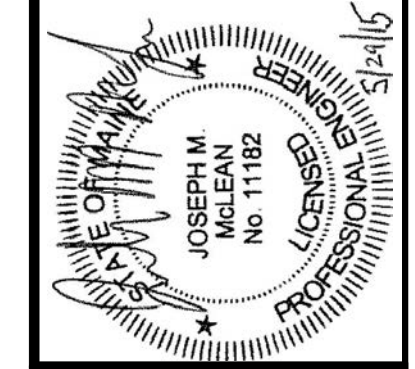


PLAN
SCALE: 1"=20'



NO.	ISSUED FOR	DATE
1	ISSUED FOR BID	JMM 5/15

DESIGNED BY: MRL	APP'D: JMM
CAD CORP: MRL	DATE: 5-29-15
CHECKED BY: JMM	APPROVED BY: JMM
DATE: 5-29-15	DATE: 5-29-15
PROJECT NO: 12946A FD	

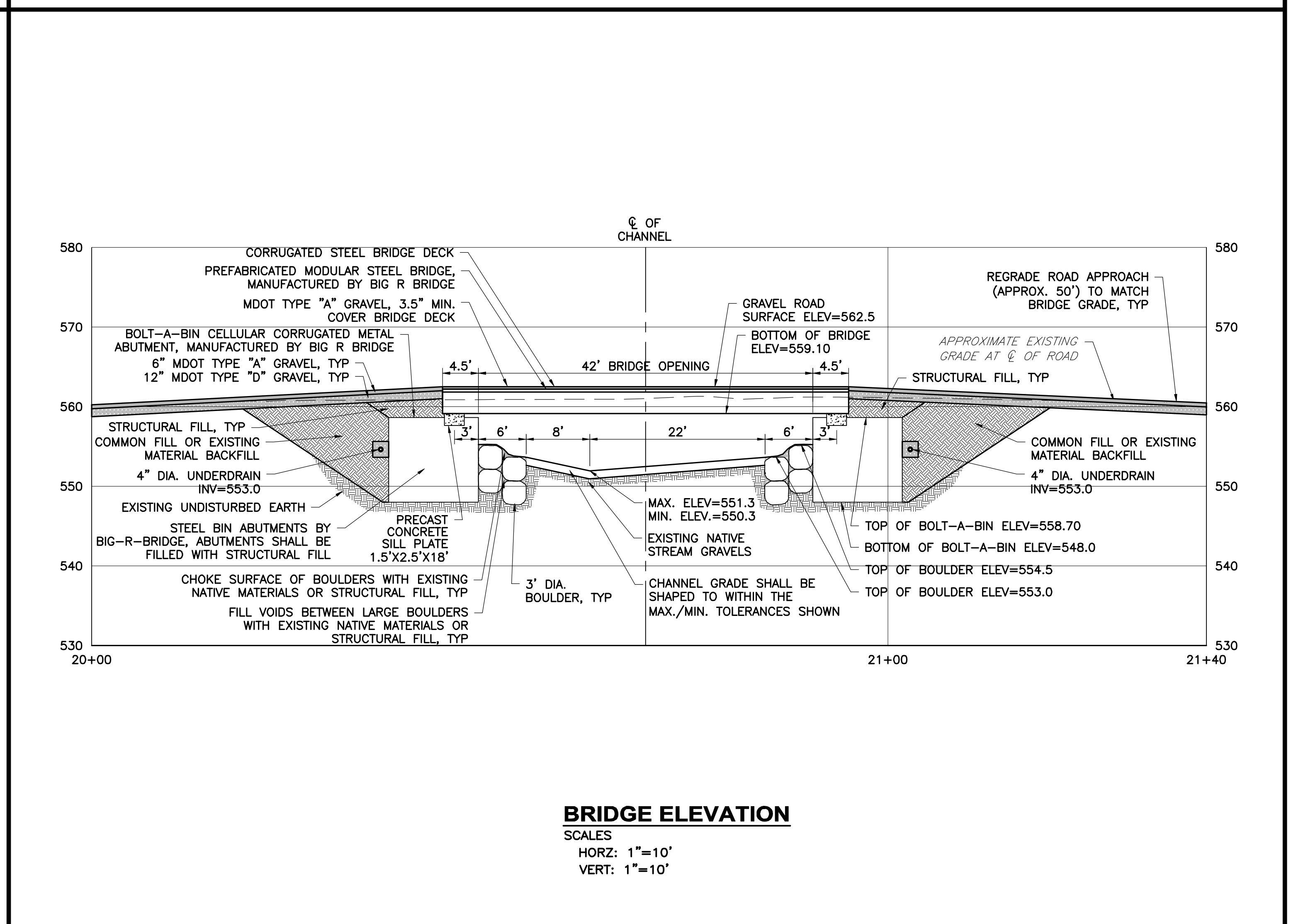
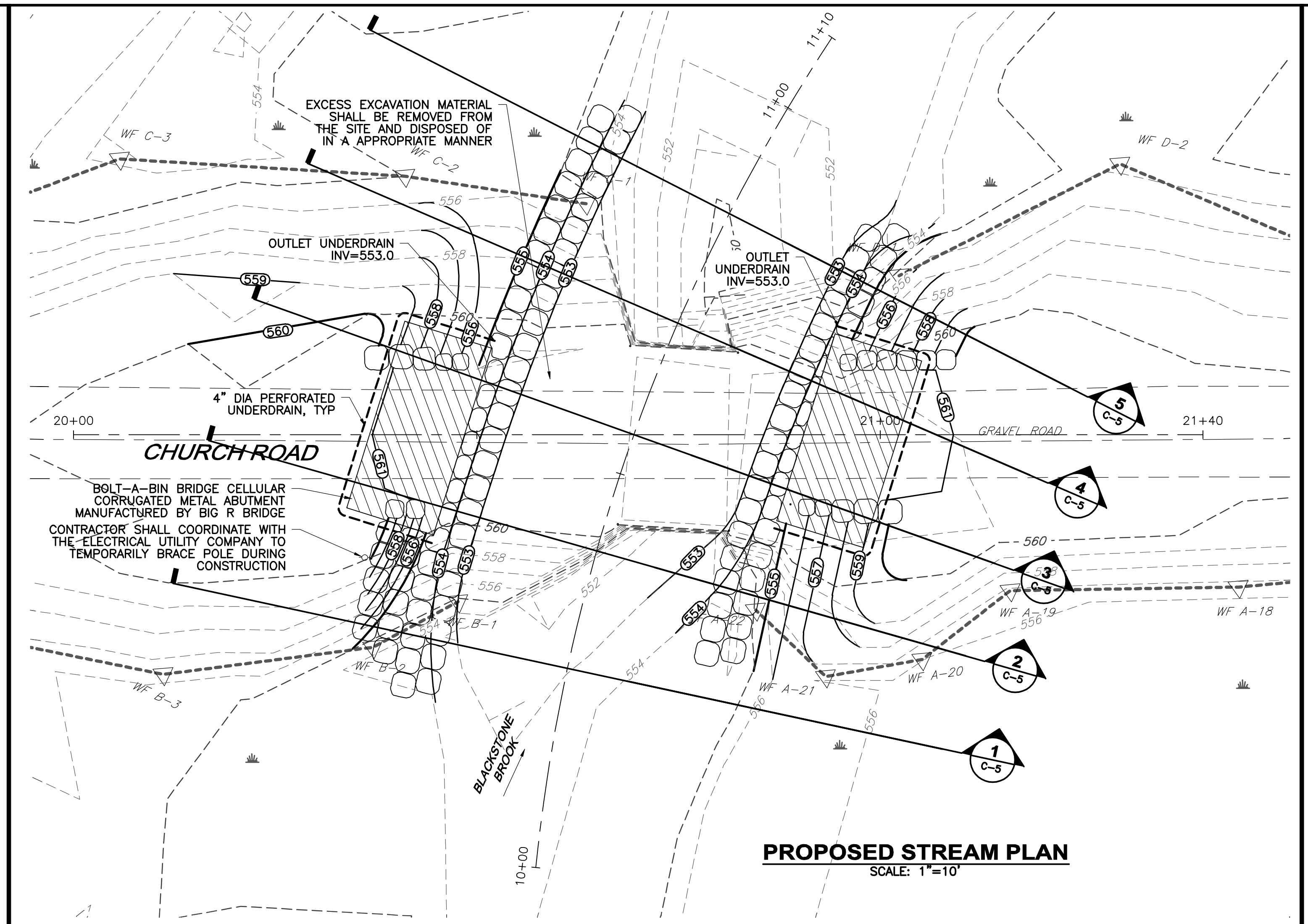
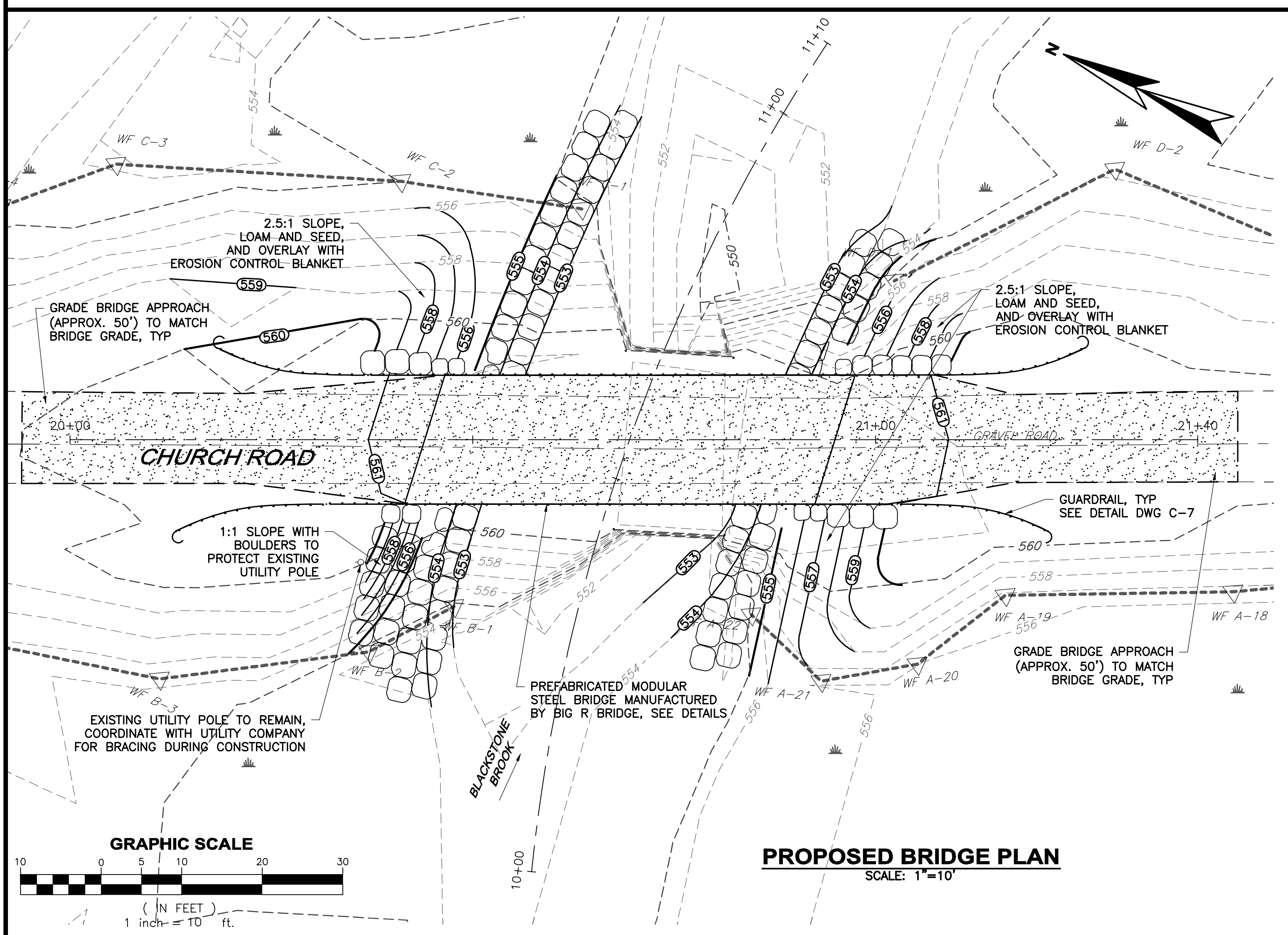
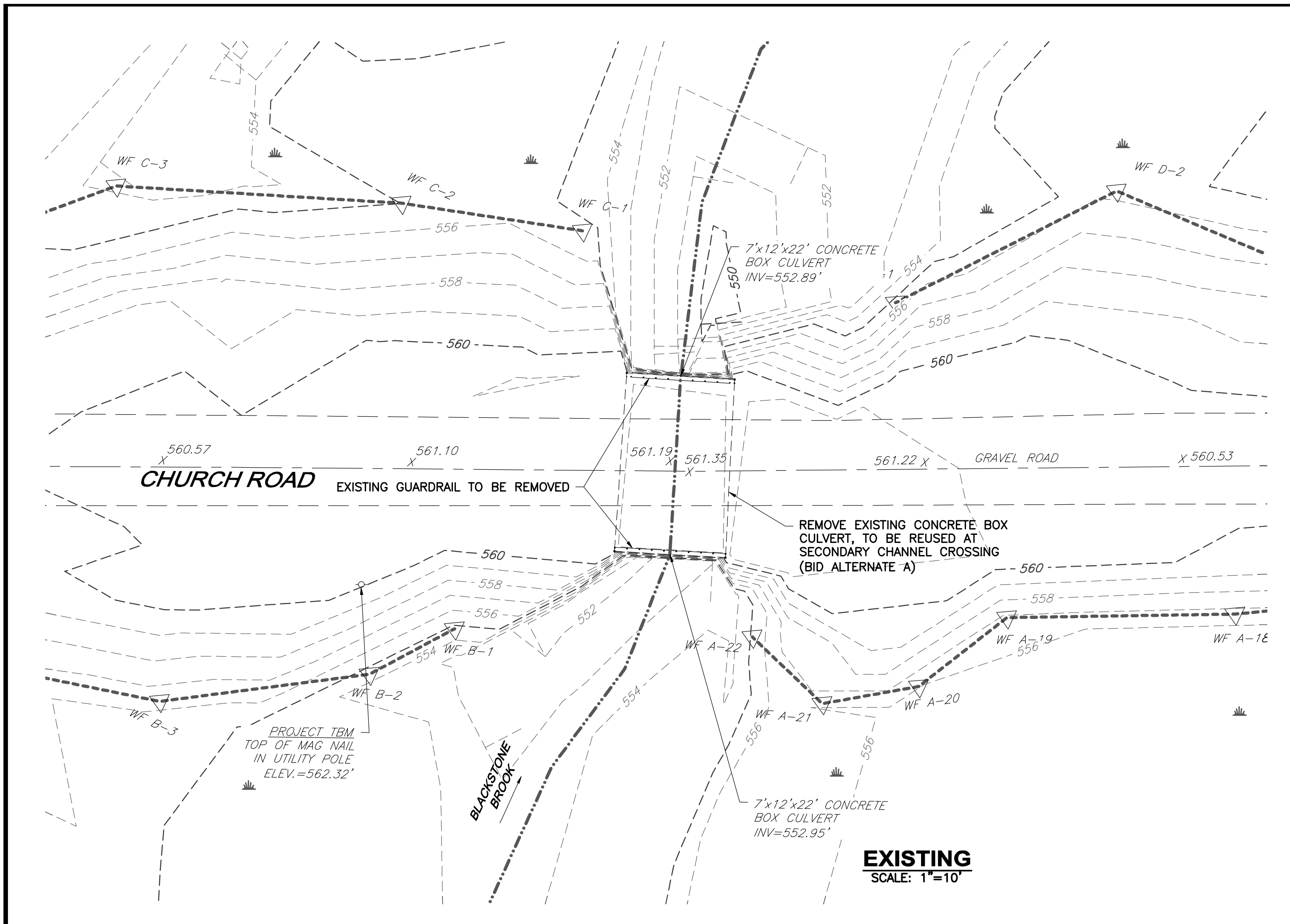


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ATLANTIC SALMON FEDERATION
 ROAD CROSSING RECONSTRUCTION
 AT BLACKSTONE BROOK
 IN BLANCHARD TOWNSHIP, MAINE

EXISTING CONDITIONS PLAN

DRAWING
 C-2



ISSUED FOR BID	DATE
NO.	JMM 5/15
DESIGNED BY	DATE
LRB MRL	JMM
CAD CORP. MRL	DATE
CAS MRL	5-29-15
CHECKED BY	DATE
JMM	JMM
APPROVED BY	DATE
JMM	5-29-15
PROJECT NO.	12946A FD

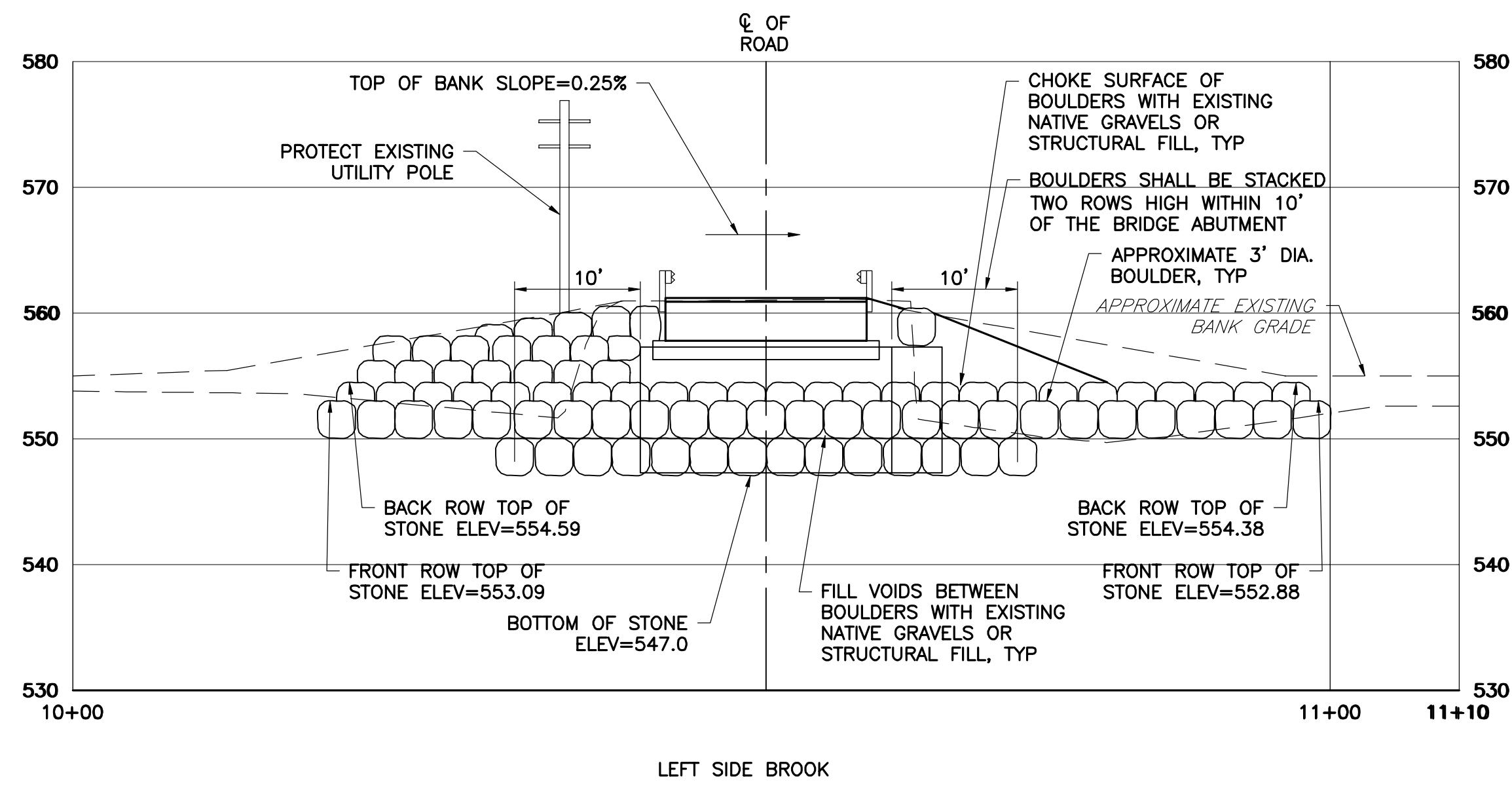
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 CAD CORP.: MRL
 CAS: MRL
 CHECKED BY: JMM
 DATE: 5-29-15
 APPROVED BY: JMM
 DATE: 5-29-15
 PROJECT NO.: 12946A FD

JOSEPH M. JEWELL
 No. 11182
 LICENSED PROFESSIONAL ENGINEER

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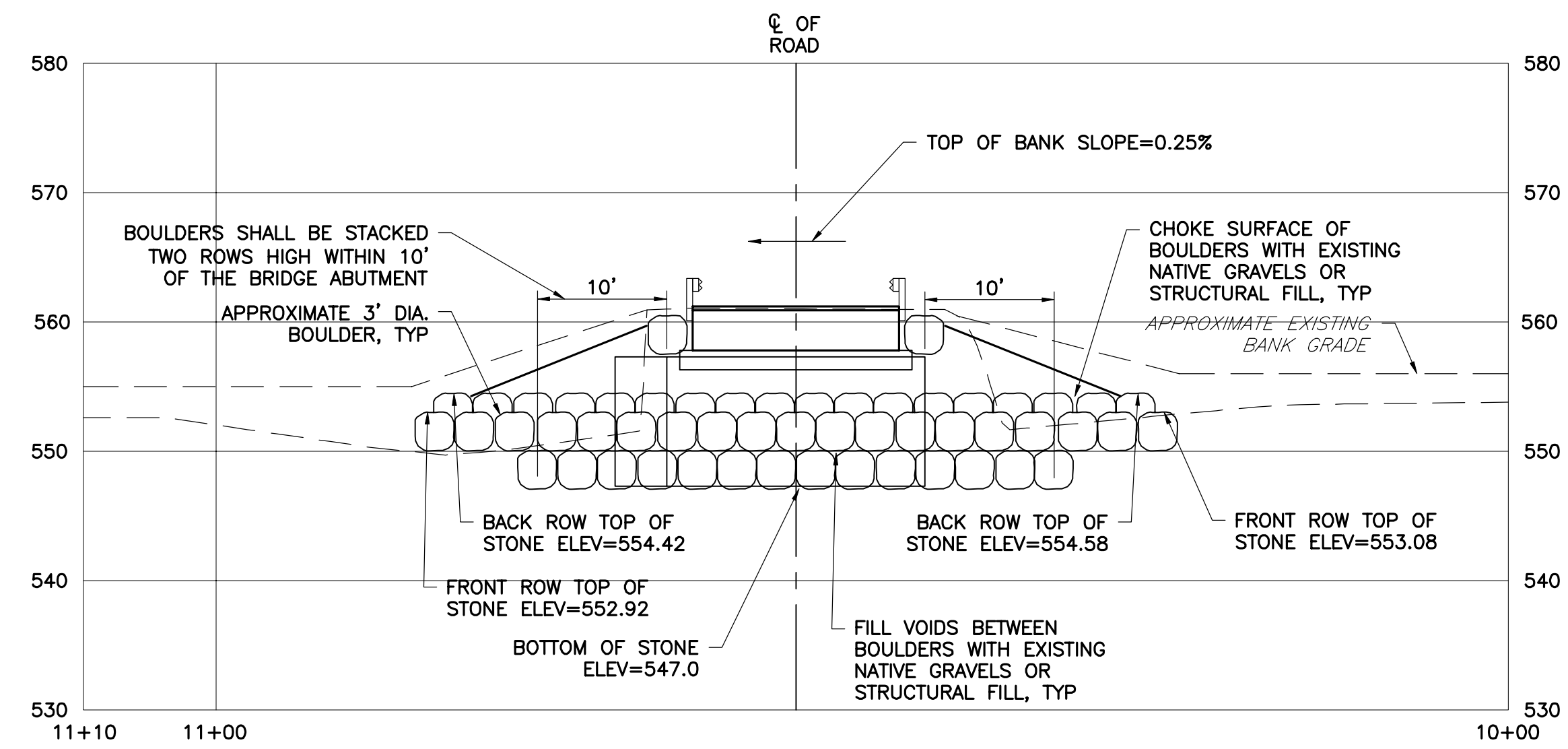
ATLANTIC SALMON FEDERATION
 ROAD CROSSING RECONSTRUCTION
 AT BLACKSTONE BROOK
 IN BLANCHARD TOWNSHIP, MAINE
 EXISTING AND PROPOSED PLAN AND SECTIONS
 MAIN CHANNEL CROSSING

DRAWING
 C-3



SECTION LEFT STREAM BANK

SCALES
HORZ: 1"=10'
VERT: 1"=10'

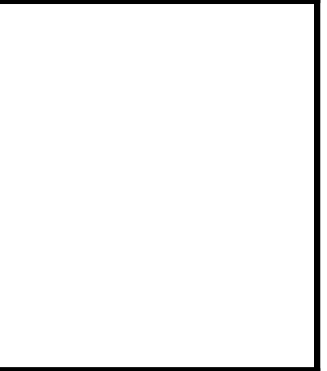
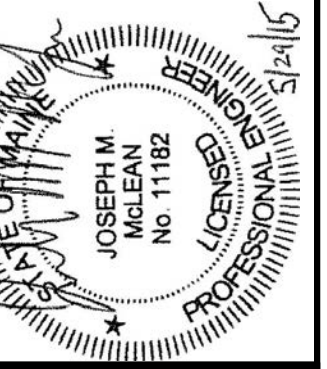


SECTION RIGHT STREAM BANK

SCALES
HORZ: 1"=10'
VERT: 1"=10'

NO.	ISSUED FOR	DATE
1	ISSUED FOR BID	JMM 5/15

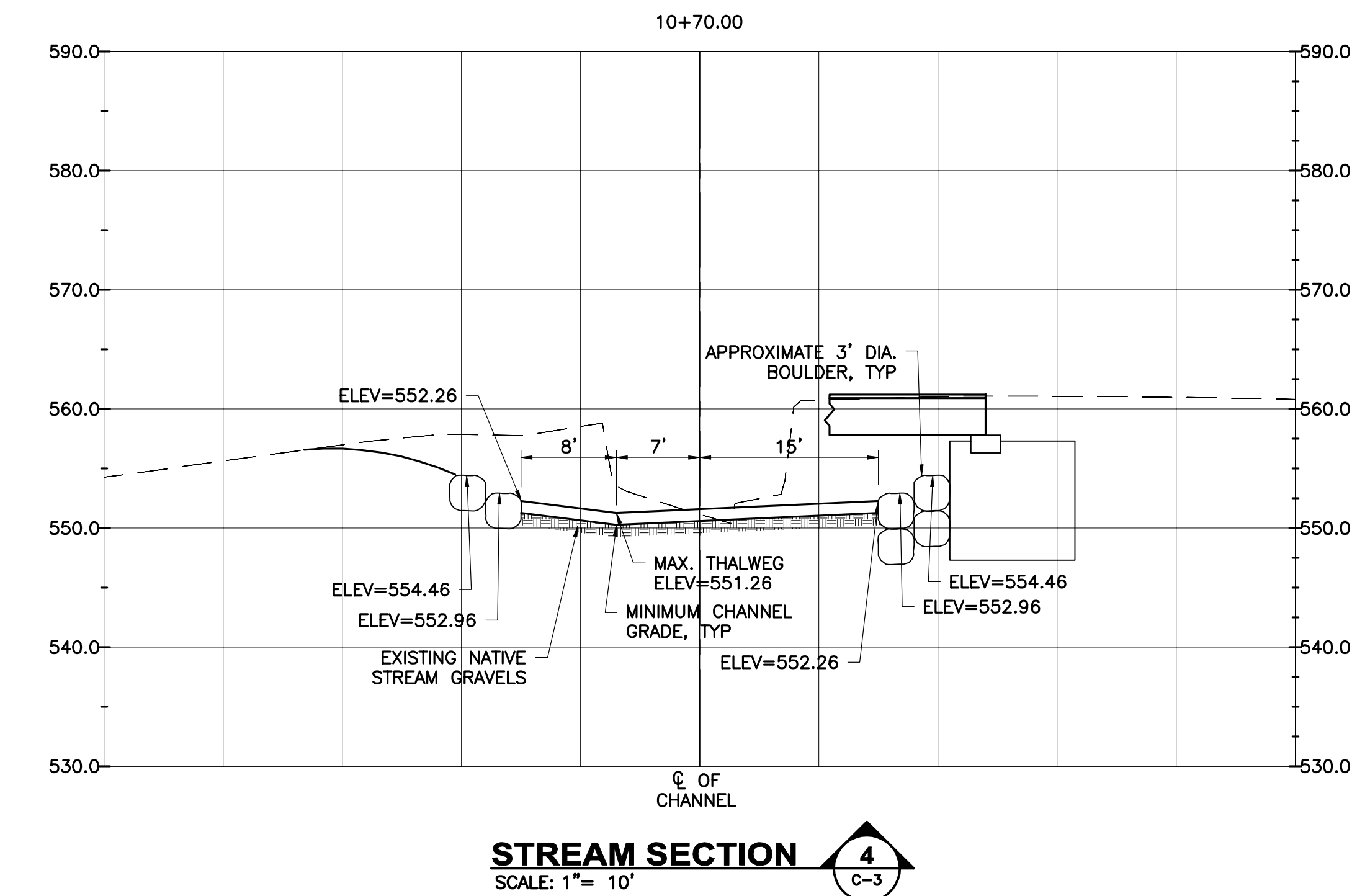
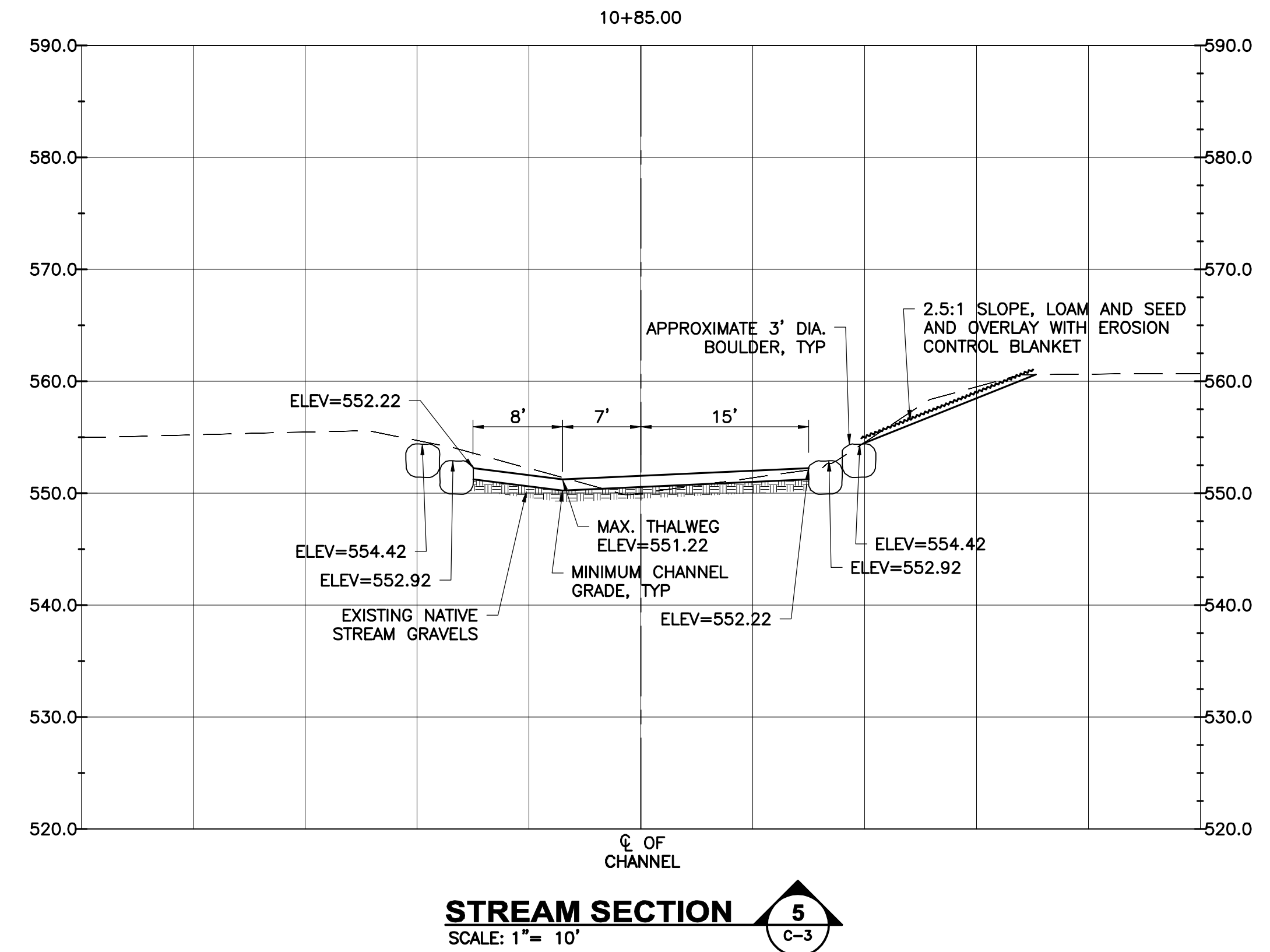
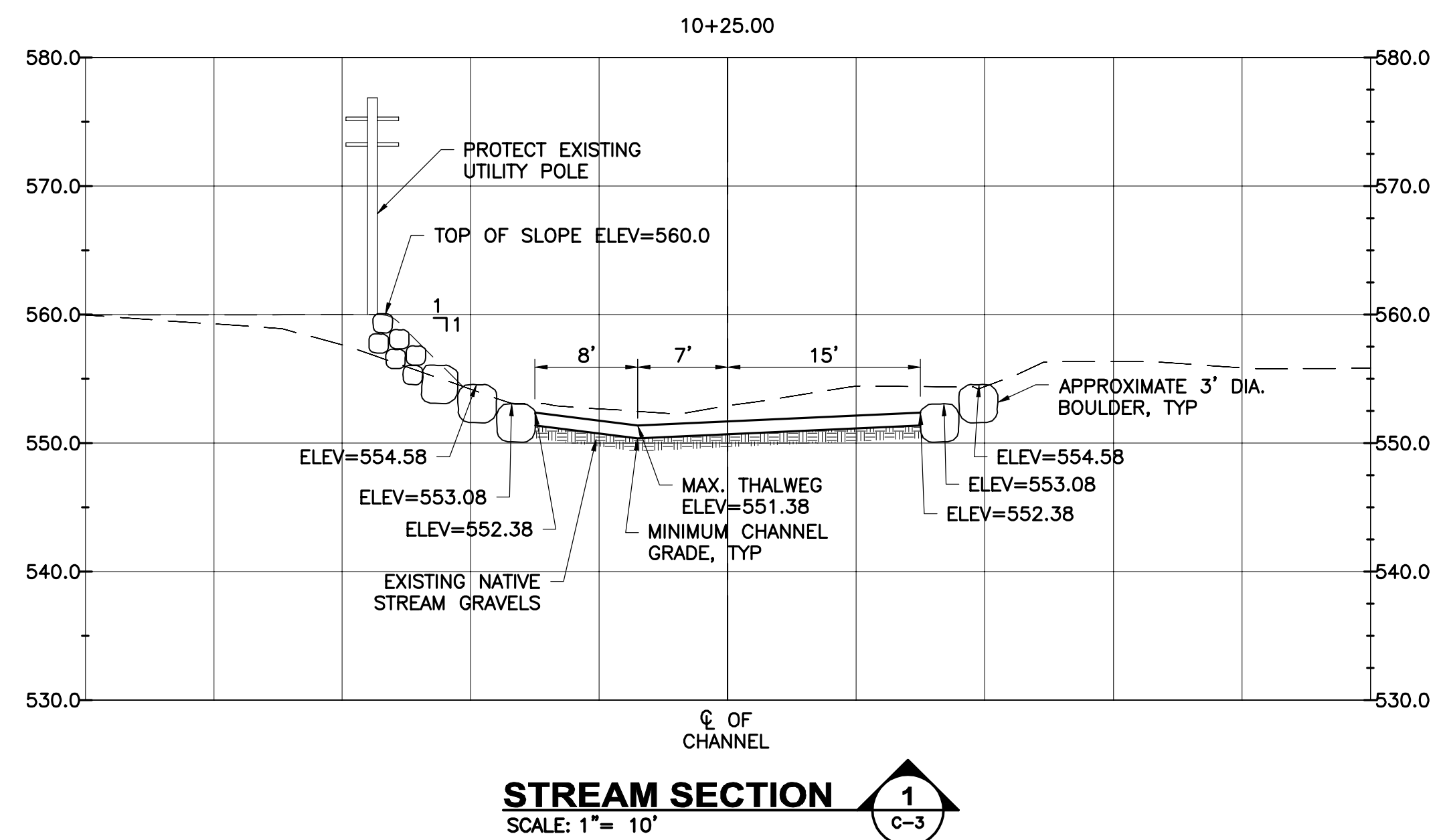
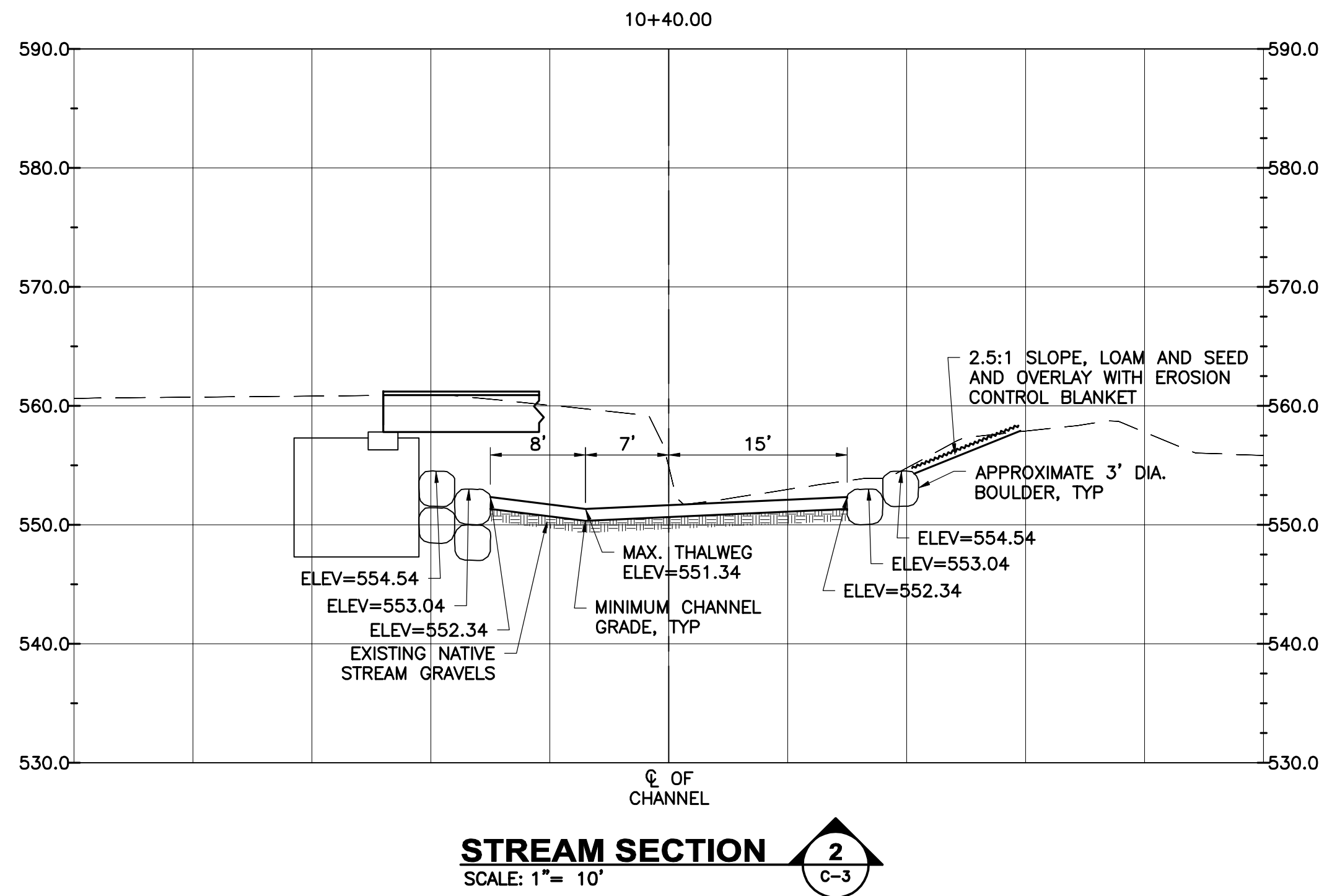
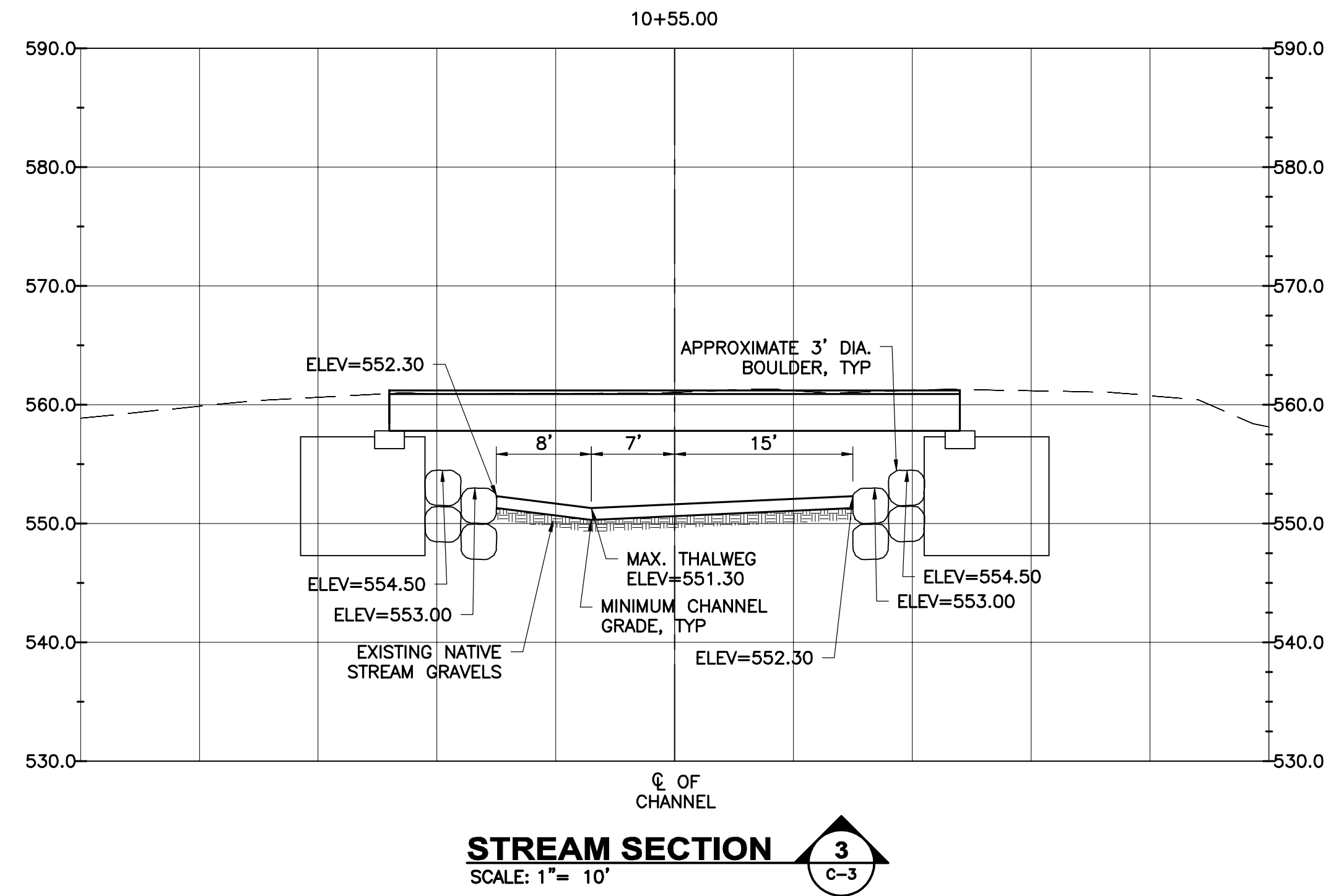
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CAD COORD: MRL	CAD COORD: MRL
CHECKED BY: JMM	CHECKED BY: JMM
DATE: 5-29-15	DATE: 5-29-15
APPROVED BY: JMM	APPROVED BY: JMM
DATE: 5-29-15	DATE: 5-29-15
PROJECT NO: 12946A	PROJECT NO: 12946A



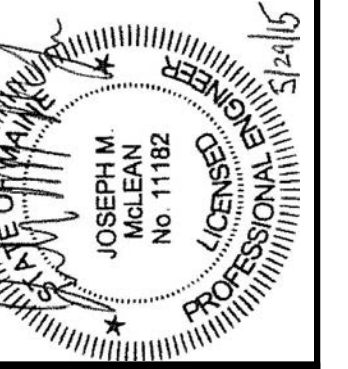
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ATLANTIC SALMON FEDERATION
ROAD CROSSING RECONSTRUCTION
AT BLACKSTONE BROOK
IN BLANCHARD TOWNSHIP, MAINE

PROPOSED SECTIONS
MAIN CHANNEL CROSSING



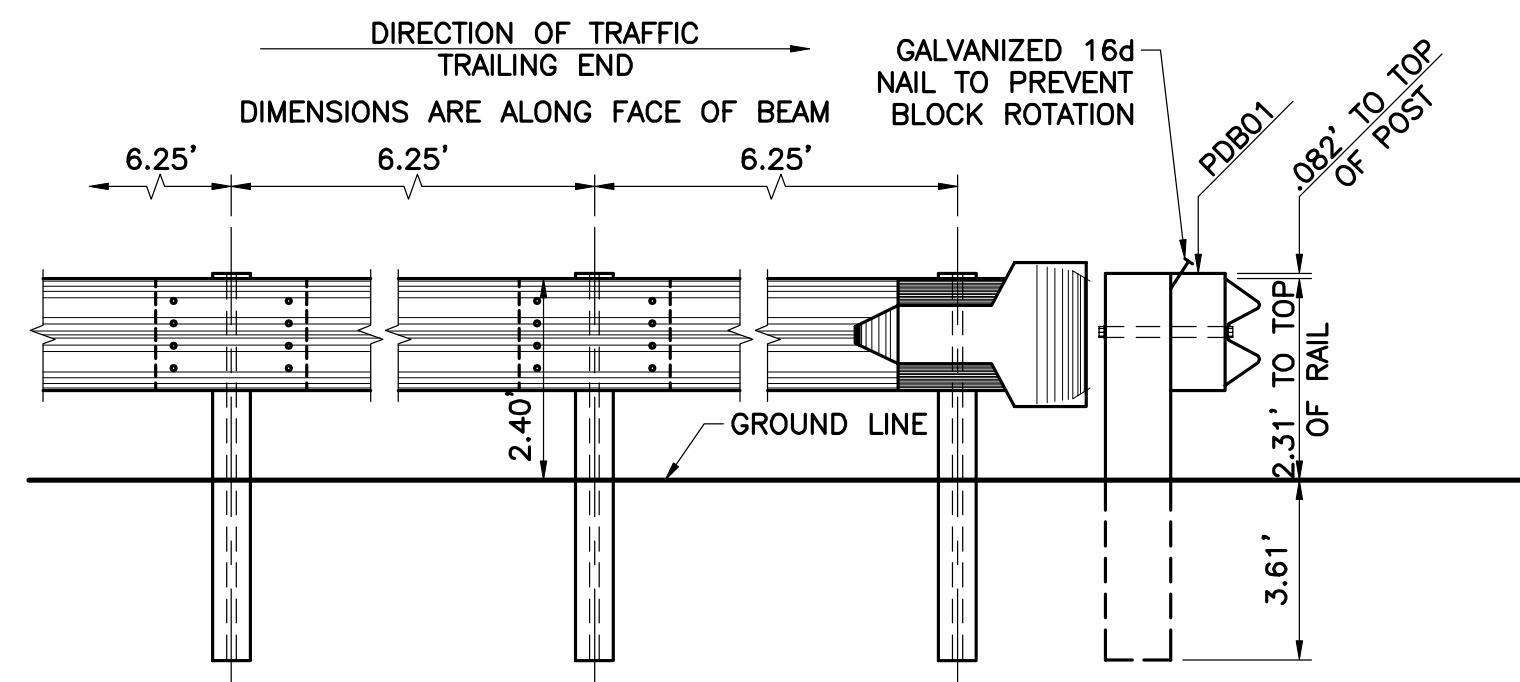
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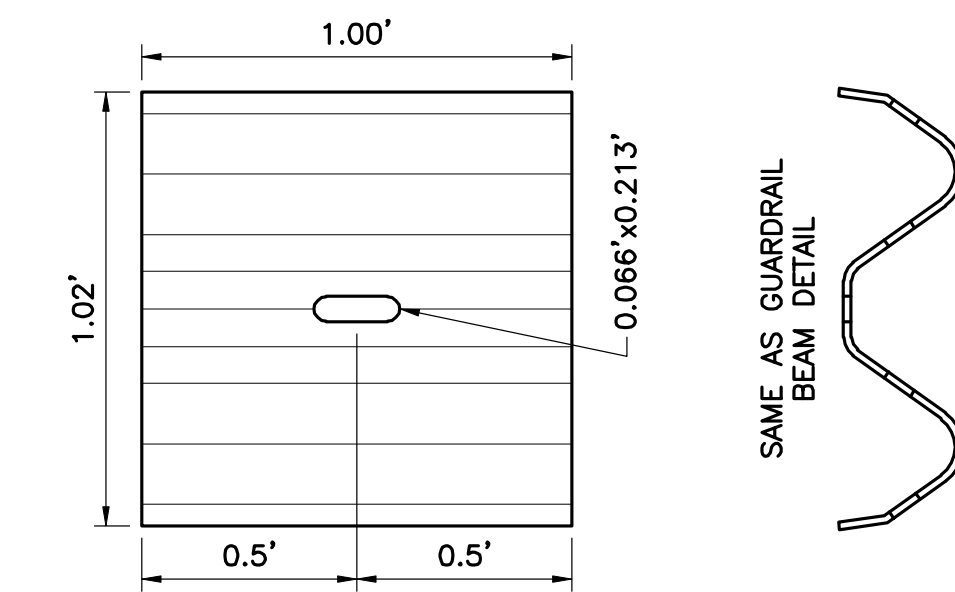
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ATLANTIC SALMON FEDERATION
ROAD CROSSING RECONSTRUCTION
AT BLACKSTONE BROOK
IN BLANCHARD TOWNSHIP, MAINE
PROPOSED STREAM SECTIONS
MAIN CHANNEL CROSSING

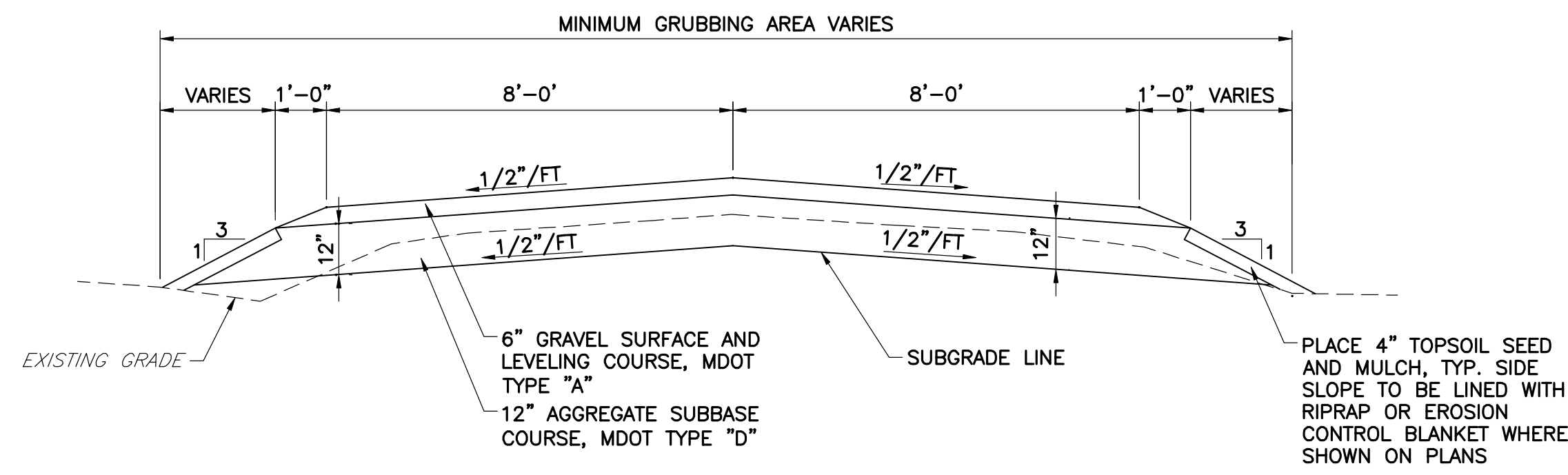
DRAWING
C-5



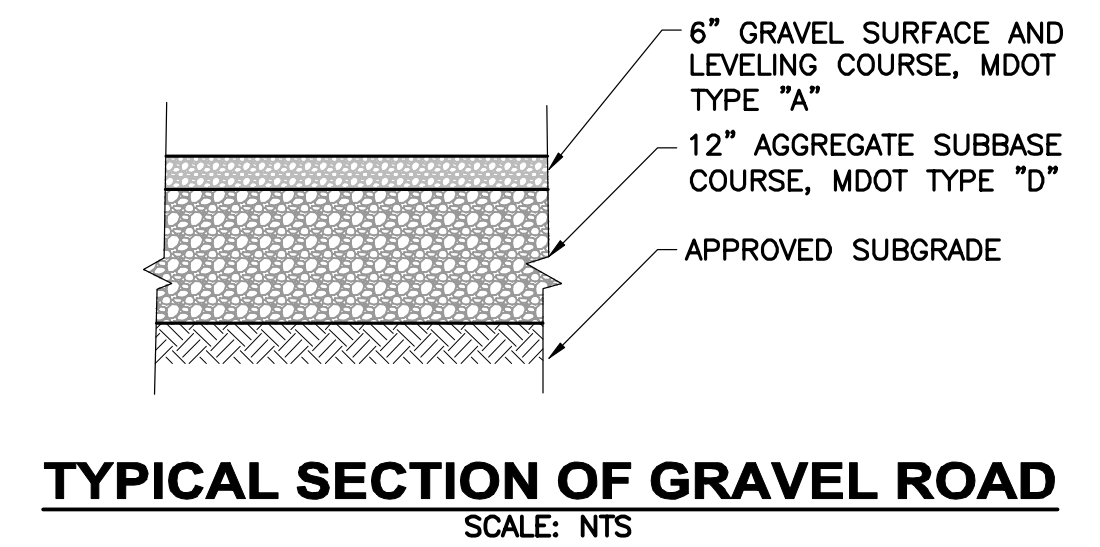
- NOTES:**
- INTERMEDIATE POST SPACING SHALL BE 6.25' UNLESS OTHERWISE SHOWN.
 - WOOD POSTS FOR GUARDRAIL SHALL BE 6x8 AND OFFSET BLOCKS SHALL BE 6x8.
 - "W" BEAM BACKUP PLATES SHALL BE PLACED BEHIND RAIL ELEMENTS AT INTERMEDIATE STEEL POSTS (NON-SPLICE POSTS), FOR THE TYPE 3b ONLY.
 - BEAM TYPE GUARDRAIL SET ON A RADIUS OF 1.75' OR LESS SHALL BE CIRCULAR GUARDRAIL.
 - OFFSET BRACKETS SHALL BE INSTALLED ON ALL POSTS.
 - GUARDRAIL TERMINAL END (RWE03A) TO BE USED ONLY ON TRAILING END OF GUARDRAIL ON DIVIDED HIGHWAY. WASHERS (FWR03) SHALL BE INSTALLED ON THE LAST NINE POSTS.
 - IDENTIFICATION LETTERS AND NUMBERS ON DRAWINGS REFER TO THE STANDARD DETAIL DRAWINGS SHOWN IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" BY AASHTO-AGC-ARTBA JOINT COMMITTEE.



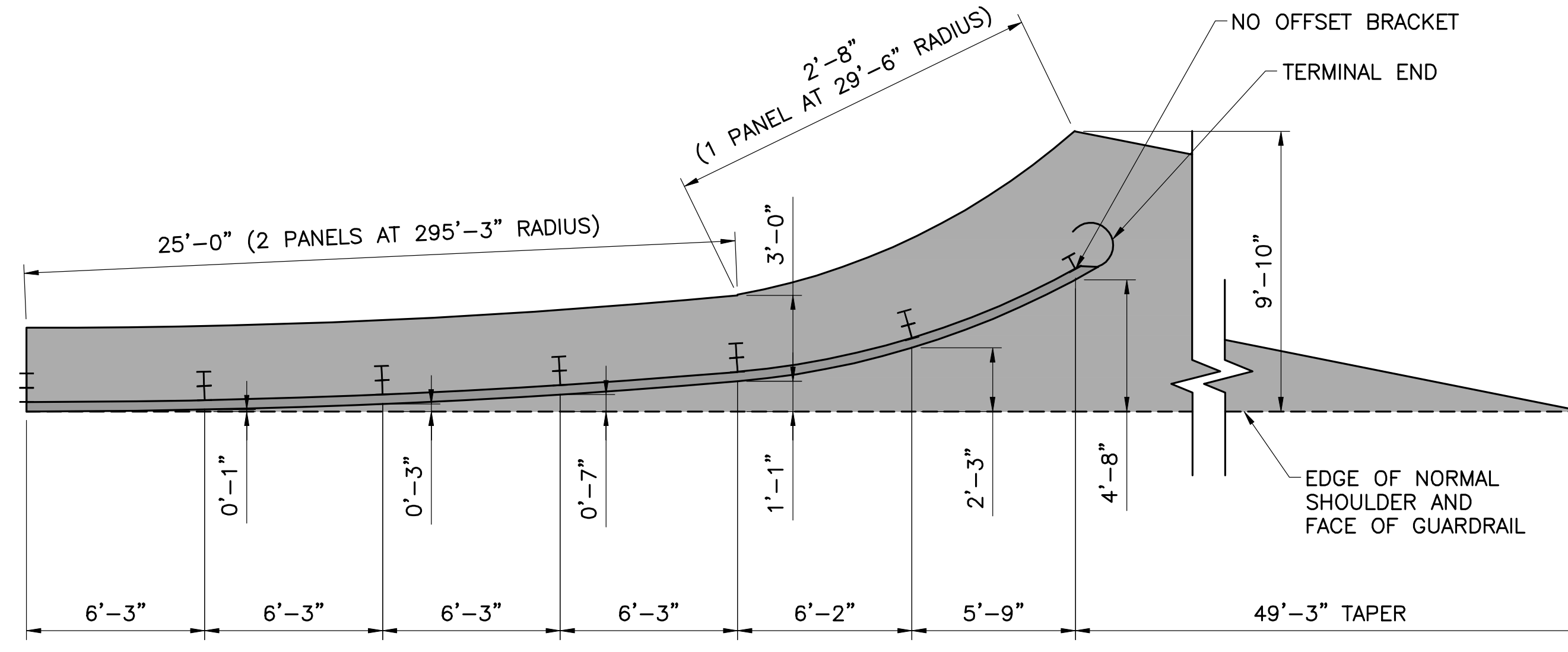
GUARDRAIL DETAIL
SCALE: NTS



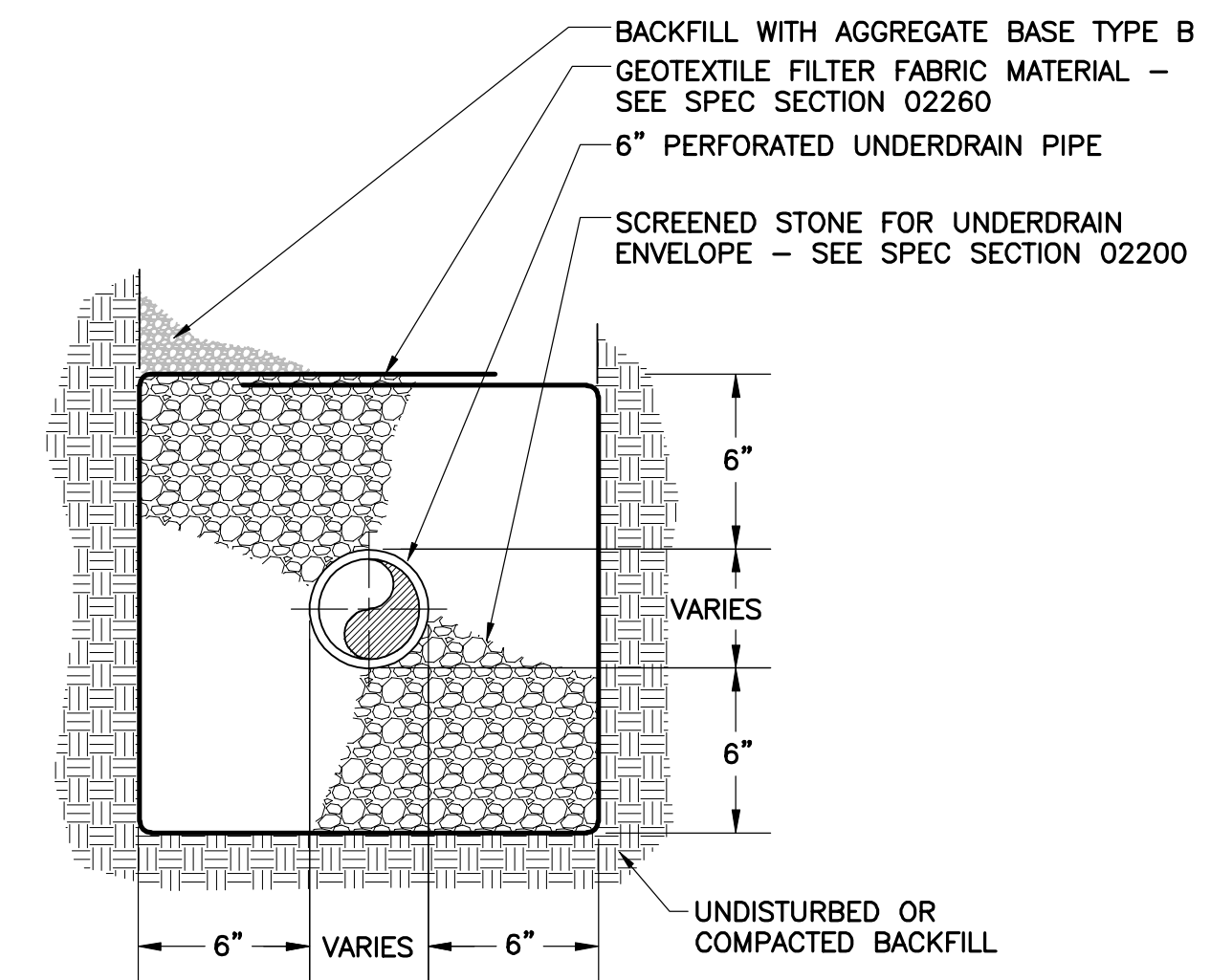
TYPICAL GRAVEL ROAD SECTION
SCALE: NTS



TYPICAL SECTION OF GRAVEL ROAD
SCALE: NTS

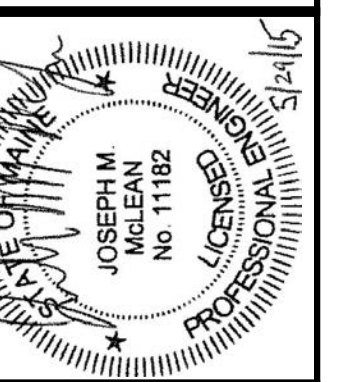


GUARDRAIL TERMINAL END DETAIL
SCALE: NTS



UNDERDRAIN BEDDING
SCALE: NTS

NO.	ISSUED FOR	REVISIONS	DATE
1	ISSUED FOR BID		5/15
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DESIGNED BY: LRB
 CAD COORD.: MRL
 CHECKED BY: JMM
 DATE: 5-29-15
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 PROJECT NO.: 12946A TD

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ATLANTIC SALMON FEDERATION
 ROAD CROSSING RECONSTRUCTION
 AT BLACKSTONE BROOK
 IN BLANCHARD TOWNSHIP, MAINE
 DRAWING
 C-6

EROSION AND SEDIMENTATION CONTROL NOTES

THIS PLAN HAS BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION IN DEVELOPING AREAS AS CONTAINED IN THE "MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES", MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATED MARCH 2003.

THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL STRUCTURES ARE SHOWN ON THE SITE PLAN.

- 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 MARCH 2003.
- 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, STONE CHECK DAMS, 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 HALF 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 ON TO 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, SEEDING AND MULCHED. SLOPES 3:1 OR GREATER TO BE STABILIZED WITH EROSION CONTROL MATTING AND SEEDING. ALL DISTURBED AREAS TO BE PROTECTED WITH AN ANNUAL GRASS MUST BE SEEDING 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.

EROSION CONTROL - WINTER CONSTRUCTION

- WINTER CONSTRUCTION PERIOD DEFINED: NOVEMBER 1 THROUGH APRIL 15
- WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
- EXPOSED AREA SHOULD BE LIMITED SUCH THAT THE AREA CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.
- CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
- AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDING, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE. IN ALL CASES, MULCH SHALL BE APPLIED SUCH THAT SOIL SURFACE IS NOT VISIBLE THROUGH THE MULCH.
- BETWEEN THE DATES OF OCTOBER 15 AND APRIL 15, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE-FREEZING TEMPERATURES, THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDING AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MUST BE STABILIZED WITH MULCH. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT EXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF HAY OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.
- THE APPLICATION OF MULCH TO FINE GRADED AREAS WILL BE STABILIZED AS FOLLOWS:
 - BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION, CHEMICAL TACK OR WOOD CELLULOSE FIBER.
 - MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%.
 - MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15%. AFTER OCTOBER 1ST, THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
- AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY MULCH AND ANCHORING ON ALL BARE EARTH AT THE END OF EACH WORKING DAY.
- DURING WINTER CONSTRUCTION PERIODS ALL SNOW SHALL BE REMOVED FROM AREAS OF MULCHING PRIOR TO PLACEMENT.

EROSION CONTROL - WETLAND NOTES

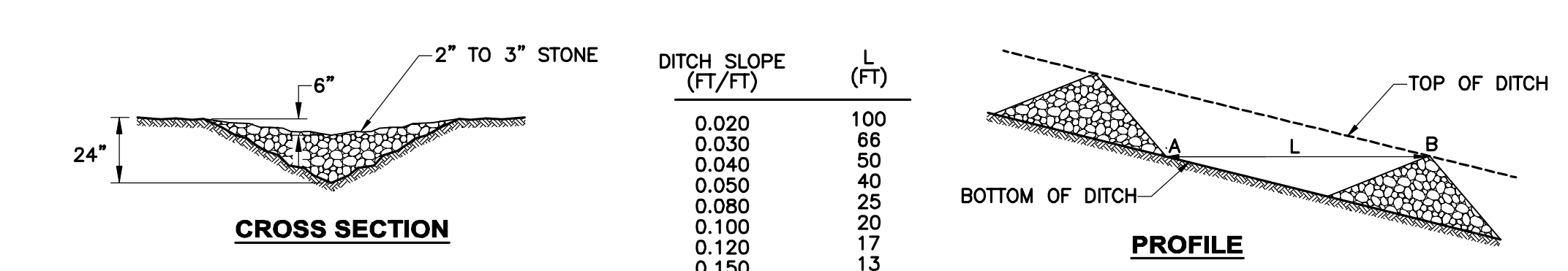
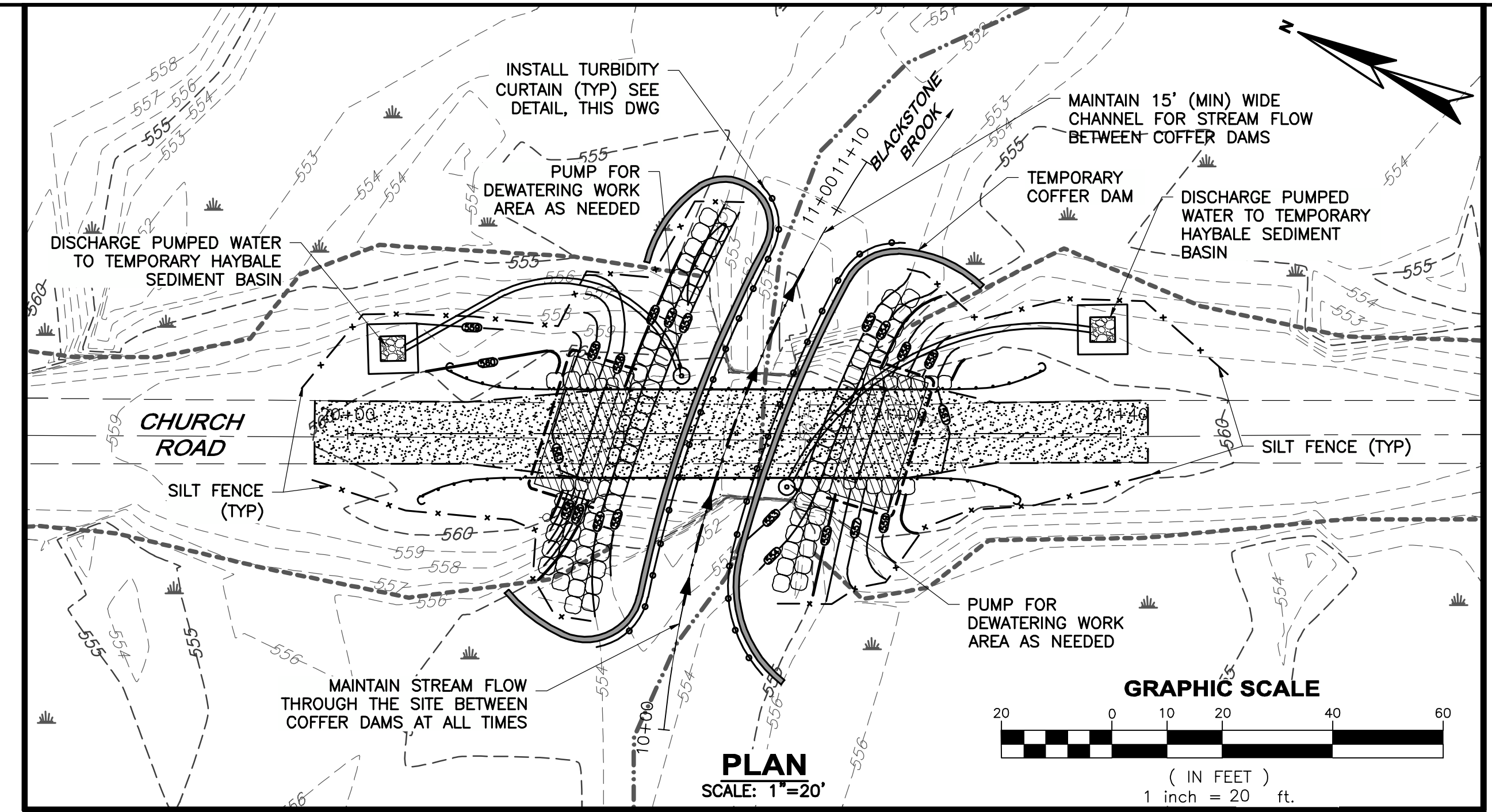
- WETLANDS AND SURFACE WATERS (EXCEPTING THOSE WHICH ARE TO BE FILLED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS) WILL BE PROTECTED WITH SILT FENCE INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.
- IF THE WORK INCLUDES CROSSING OF WETLANDS AND/OR STREAMS, THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS WORKING IN THESE AREAS
- ANY WETLAND CROSSING WORK SHALL BE COMPLETED BETWEEN THE PERIOD OF MAY 1 AND SEPTEMBER 30

EROSION CONTROL - WETLAND NOTES (CONTINUED)

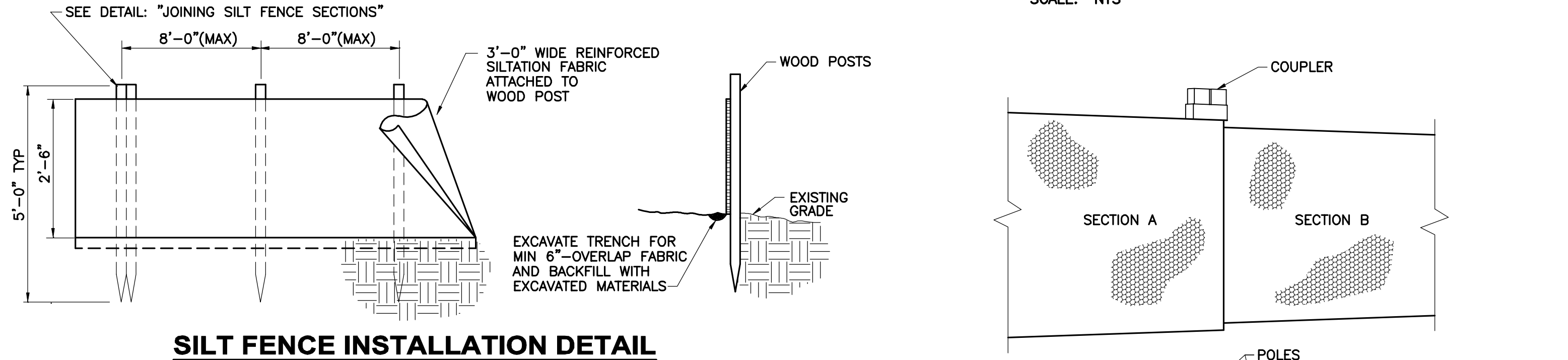
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION WITHIN OR ADJACENT TO WETLAND AREAS.
- WETLAND VEGETATIVE LAYERS SHALL BE REMOVED AND SALVAGED FOR RESTORATION OF THE DISTURBED AREAS.
- STORAGE AREAS FOR WETLAND MATERIALS SHALL BE PROPERLY PROTECTED AGAINST EROSION.
- SEEDING OF THE DISTURBED AREAS WITHIN WETLAND AREAS SHALL UTILIZE MIXTURES APPROPRIATE FOR WETLAND AREAS AS OUTLINED IN THE SPECIFICATIONS.

CONSTRUCTION SEQUENCING

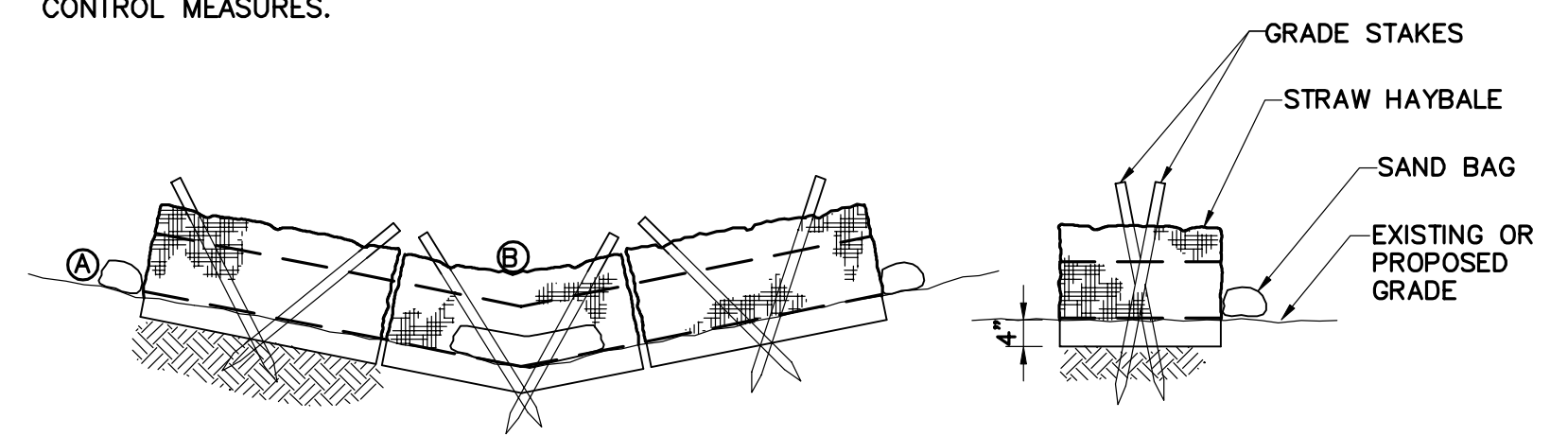
- COORDINATE WITH NSTAR REPRESENTATIVES TO REMOVE UTILITY POLES, INSTALL NEW UTILITY POLE AND RELOCATE OVERHEAD WIRES.
- FURNISH AND INSTALL EROSION CONTROL MEASURES. THIS INCLUDES AT A MINIMUM THE CONSTRUCTION OF A STABILIZED CONSTRUCTION ENTRANCE, PLACEMENT OF SILT FENCING AT THE DOWN SLOPE PERIMETER OF ALL AREAS PROPOSED FOR DISTURBANCE, AND THE PLACEMENT OF TURBIDITY CURTAIN AT EXISTING BRIDGE ABUTMENTS IN STONY BROOK.
- ESTABLISH TEMPORARY TRAFFIC CONTROLS AS APPROVED BY THE TOWN OF WESTON PUBLIC WORKS DEPARTMENT. TEMPORARY TRAFFIC CONTROLS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- INITIATE DEMOLITION OF EXISTING PAVEMENT, GATE, AND OTHER ROADWAY STRUCTURES. ALL EXISTING MATERIALS TO BE REMOVED FROM THE SITE SHALL BE DISPOSED OF AT A LOCATION PROVIDED BY THE CONTRACTOR (UNLESS THE OWNER ELECTS TO KEEP ANY PORTIONS OF THE DEMOLISHED MATERIAL) IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES AND LAWS.
- BEGIN EARTHWORK OPERATIONS IN PREPARATION FOR THE NEW ROADWAY AND APPURTENANT STRUCTURES, INCLUDING THE GUARDRAIL, GABION RETAININGWALL, AND ASSOCIATED SIDE SLOPES.
- CONSTRUCT A TEMPORARY COFFER DAM AND TURBIDITY CURTAIN ON BOTH SIDES OF STONY BROOK ADJACENT TO THE EXISTING BRIDGE ABUTMENTS. MAINTAIN STREAM FLOW BETWEEN COFFER DAMS.
- INITIATE DEMOLITION OF THE EXISTING BRIDGE AND APPURTENANCES. ALL EXISTING MATERIALS TO BE REMOVED FROM THE SITE SHALL BE DISPOSED OF AT A LOCATION PROVIDED BY THE CONTRACTOR (UNLESS THE OWNER ELECTS TO KEEP ANY PORTIONS OF THE DEMOLISHED MATERIAL) IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES AND LAWS.
- FURNISH AND INSTALL DEWATERING SYSTEMS (AS NEEDED) TO MAINTAIN A DRY WORKING ENVIRONMENT. DEWATERING DISCHARGES SHALL BE DIRECTED TO TEMPORARY SEDIMENT BASINS AND A MINIMUM OF 25 FEET OF VEGETATED BUFFER AREA PRIOR TO DISCHARGING TO SURFACE WATERS.
- COMPLETE DEMOLITION OPERATIONS AND BEGIN PREPARATION OF THE NEW BRIDGE ABUTMENT AND PAVEMENT AREAS TO SUBGRADE ELEVATIONS.
- FURNISH AND INSTALL A LAYER OF CRUSHED STONE WRAPPED IN A WOVEN GEOTEXTILE FABRIC TO SERVE AS ABUTMENT SUPPORTS FOR THE NEW BRIDGE, AS SHOWN ON THE PLANS. FURNISH AND INSTALL GEOGRID TO BE WOVEN THROUGHOUT CRUSHED STONE SUPPORTS IN 12 INCH (MAX.) LIFTS.
- FURNISH AND INSTALL CONCRETE FOOTINGS FOR NEW BRIDGE DECK AS SHOWN ON THE PLANS.
- FURNISH AND INSTALL ALL RIPRAP APRONS AS SHOWN ON THE PLANS.
- INITIATE REMOVAL OF THE PUMPING SYSTEMS. COMPLETE REMOVAL OF THE TEMPORARY DAMS AND REMOVE THE TURBIDITY CURTAINS.
- FURNISH AND INSTALL PRE-CAST CONCRETE BRIDGE DECK AND ANCHOR TO CONCRETE FOOTINGS PER MANUFACTURER RECOMMENDATIONS AND AS SHOWN ON THE PLANS.
- FURNISH AND INSTALL NEW ROADWAY SUBBASE, BASE AND PAVEMENT COURSES.
- STABILIZE ALL SURFACES. SURFACES THAT ARE STEEPER THAN 3H:1V SHALL BE OVERLAIN WITH HEAVY DUTY EROSION CONTROL BLANKET.
- FURNISH AND INSTALL ALL REMAINING SITE AMENITIES AND ROADWAY STRUCTURES.
- STABILIZE ALL REMAINING DISTURBED AREAS WITH LOAM, SEED, AND MULCH. CONTINUE TO TOUCH-UP AND MAINTAIN ALL AREAS THAT HAVE RECEIVED LOAM AND SEED AS NEEDED UNTIL A 90% CATCH OF VEGETATIVE GROWTH HAS ESTABLISHED.
- REMOVE ALL TEMPORARY TRAFFIC CONTROLS
- ONCE THE SITE HAS BECOME PERMANENTLY STABILIZED AS DETERMINED BY THE OWNER AND THE ENGINEER, REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES.



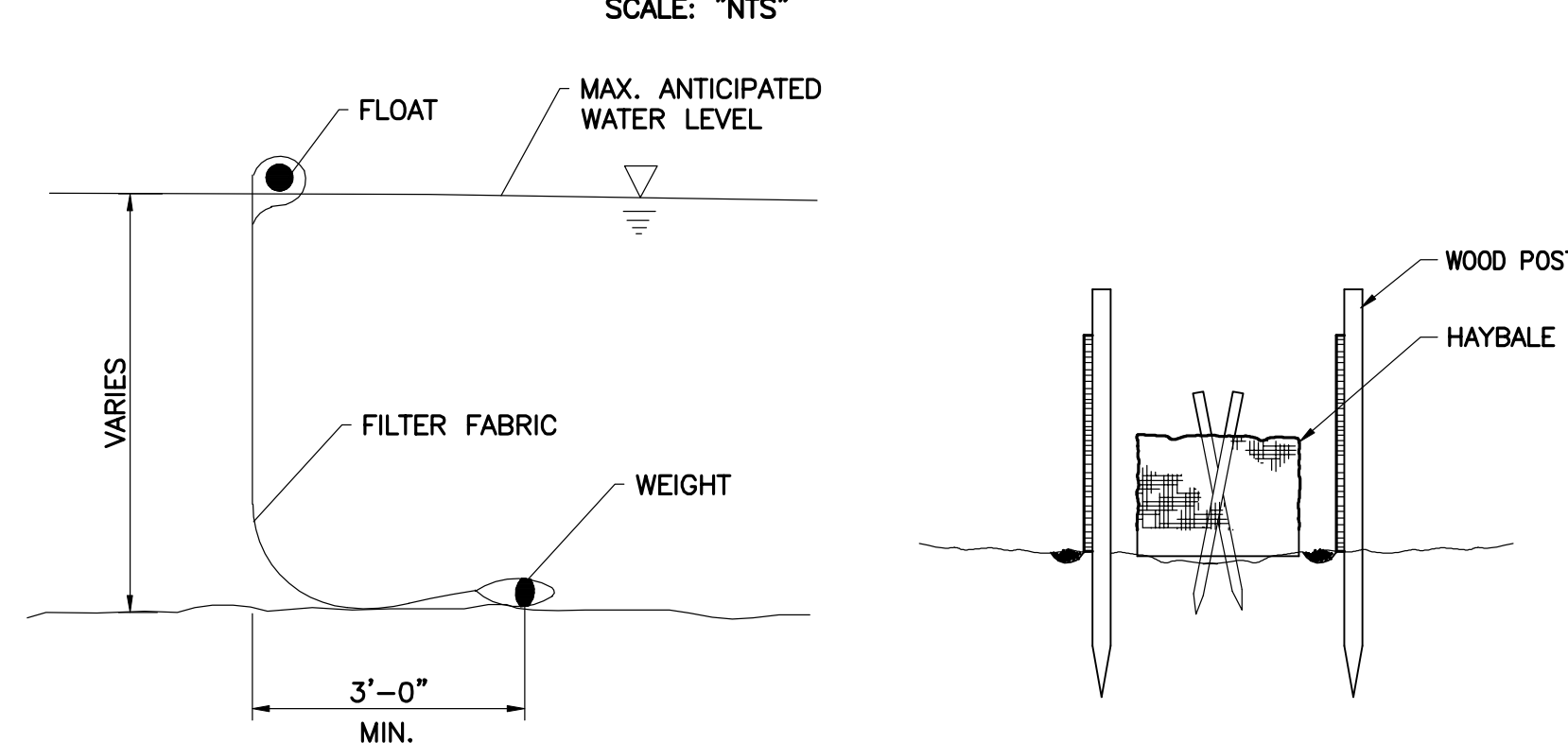
STONE CHECK DAM DETAIL



SILT FENCE INSTALLATION DETAIL

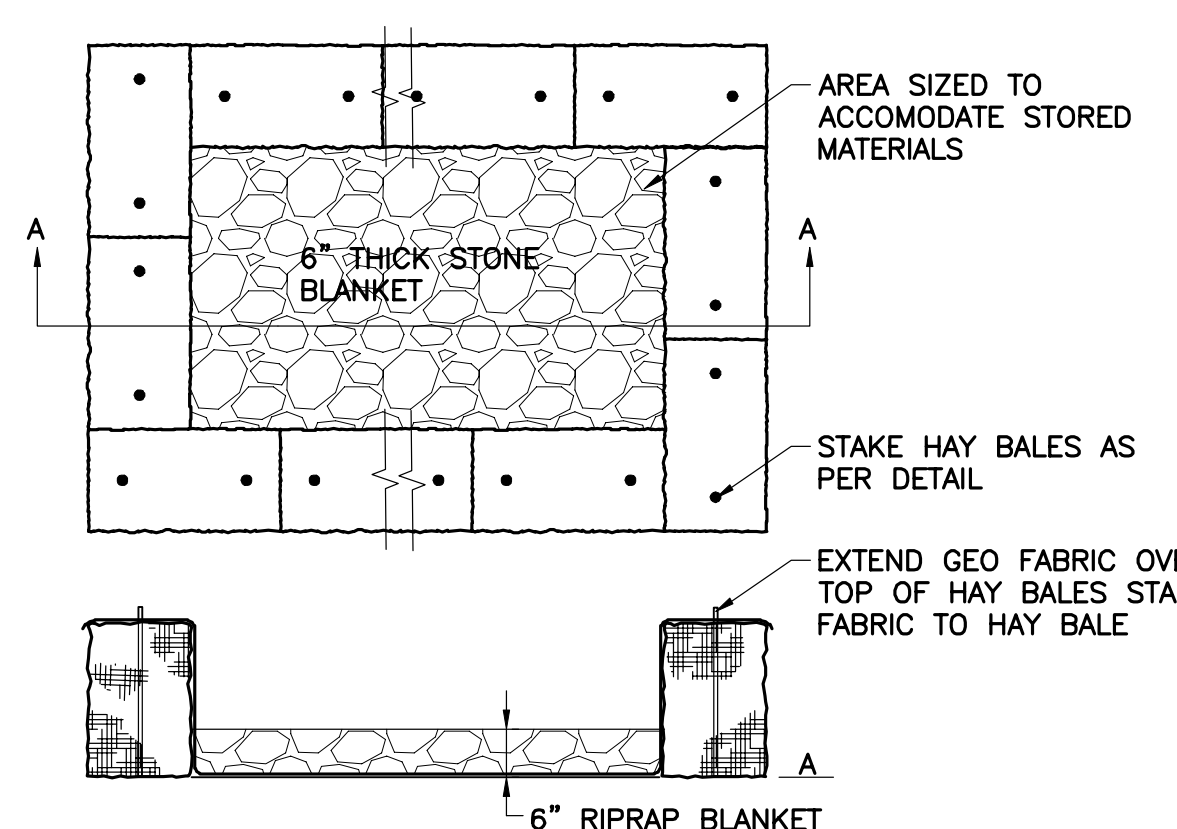


STRAW HAY BALE CHECK DAM

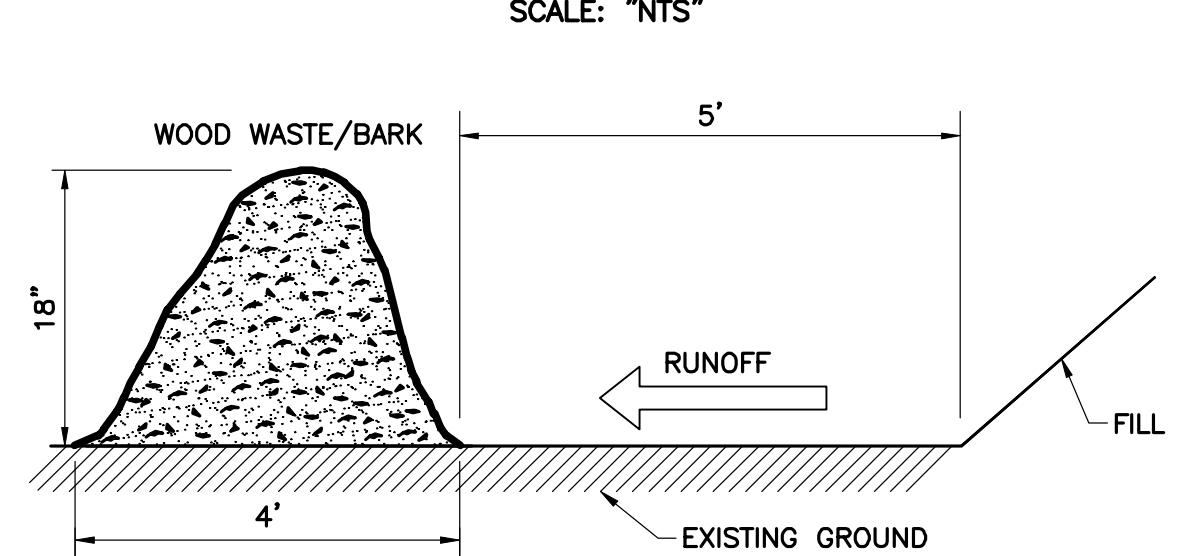


FLOATING SEDIMENT TURBIDITY CURTAIN

COMBINATION SILT FENCE AND HAY BALE BARRIER

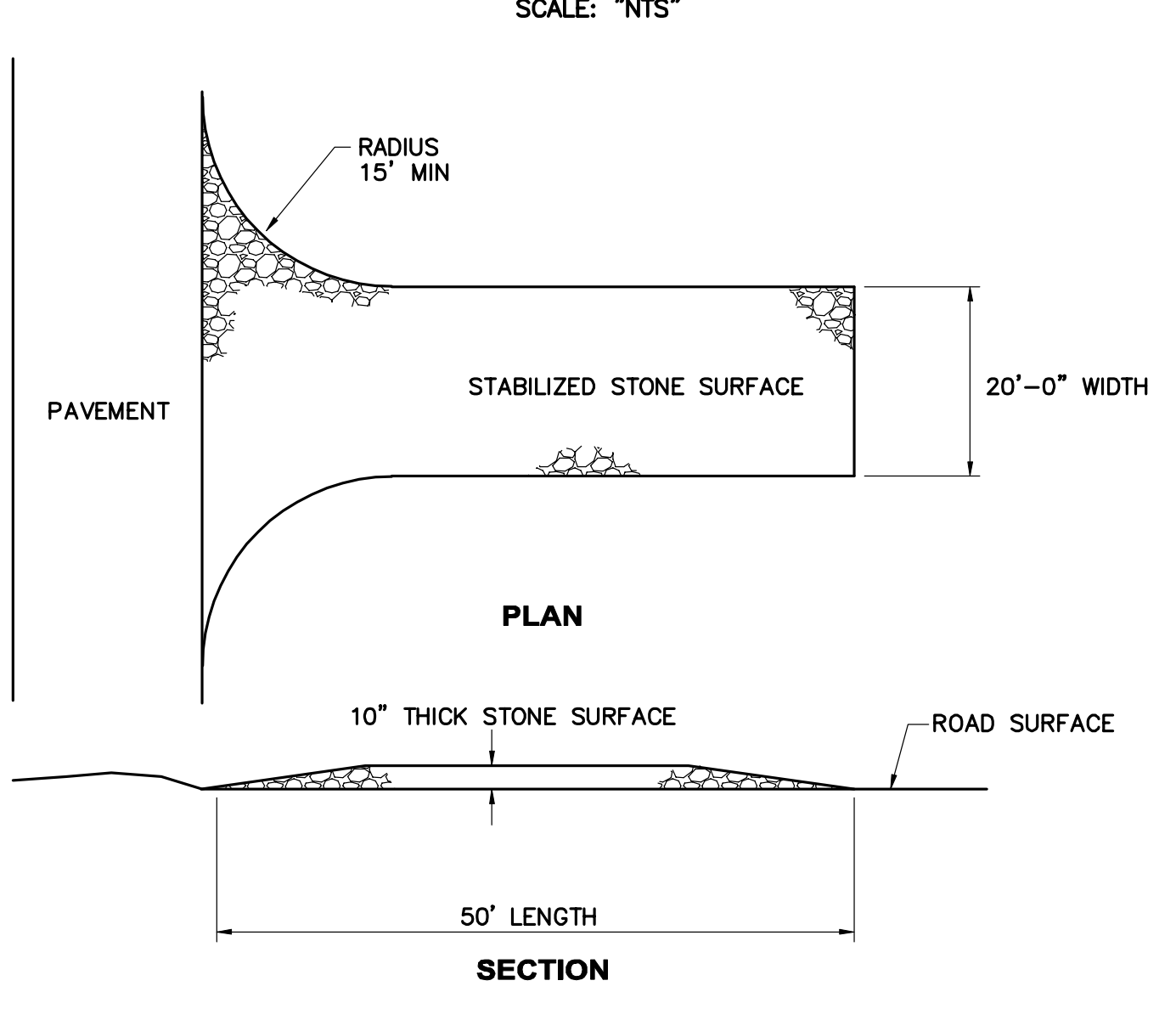


TEMPORARY HAY BALE SEDIMENT BASIN



WOOD WASTE/BARK FILTER BERM

JOINING SILT FENCE SECTIONS



STABILIZED CONSTRUCTION ENTRANCE

DATE: JMM 15/15

ISSUED FOR BID

DESIGNED BY: LRB

CAD COORD: MRL

CAD: MRL

CHECKED BY: JMM

DATE: 5-29-15

APPROVED BY: JMM

DATE: 5-29-15

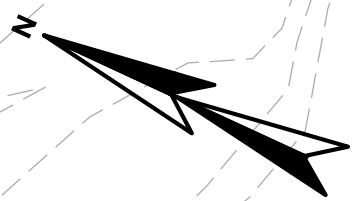
PROJECT NO: 12946A FD

ATLANTIC SALMON FEDERATION
ROAD CROSSING RECONSTRUCTION
AT BLACKSTONE BROOK
IN BLANCHARD TOWNSHIP, MAINE

EROSION CONTROL NOTES AND DETAILS

DRAWING C-7

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TEMPORARY
DISTURBANCE AREA
1,675 S.F.

CHANNEL
RESTORATION AREA
1,600 S.F.

CHURCH ROAD

GRAVEL ROAD

BLACKSTONE
BROOK

TEMPORARY
DISTURBANCE AREA
1,695 S.F.

PLAN
SCALE: 1"=20'

ATLANTIC SALMON FEDERATION BLACKSTONE BROOK BLANCHARD TOWNSHIP, MAINE WETLAND IMPACTS SKETCH		
PROJ NO:	12946A	DATE: JUNE 2015
WRIGHT-PIERCE 		1
Engineering a Better Environment		