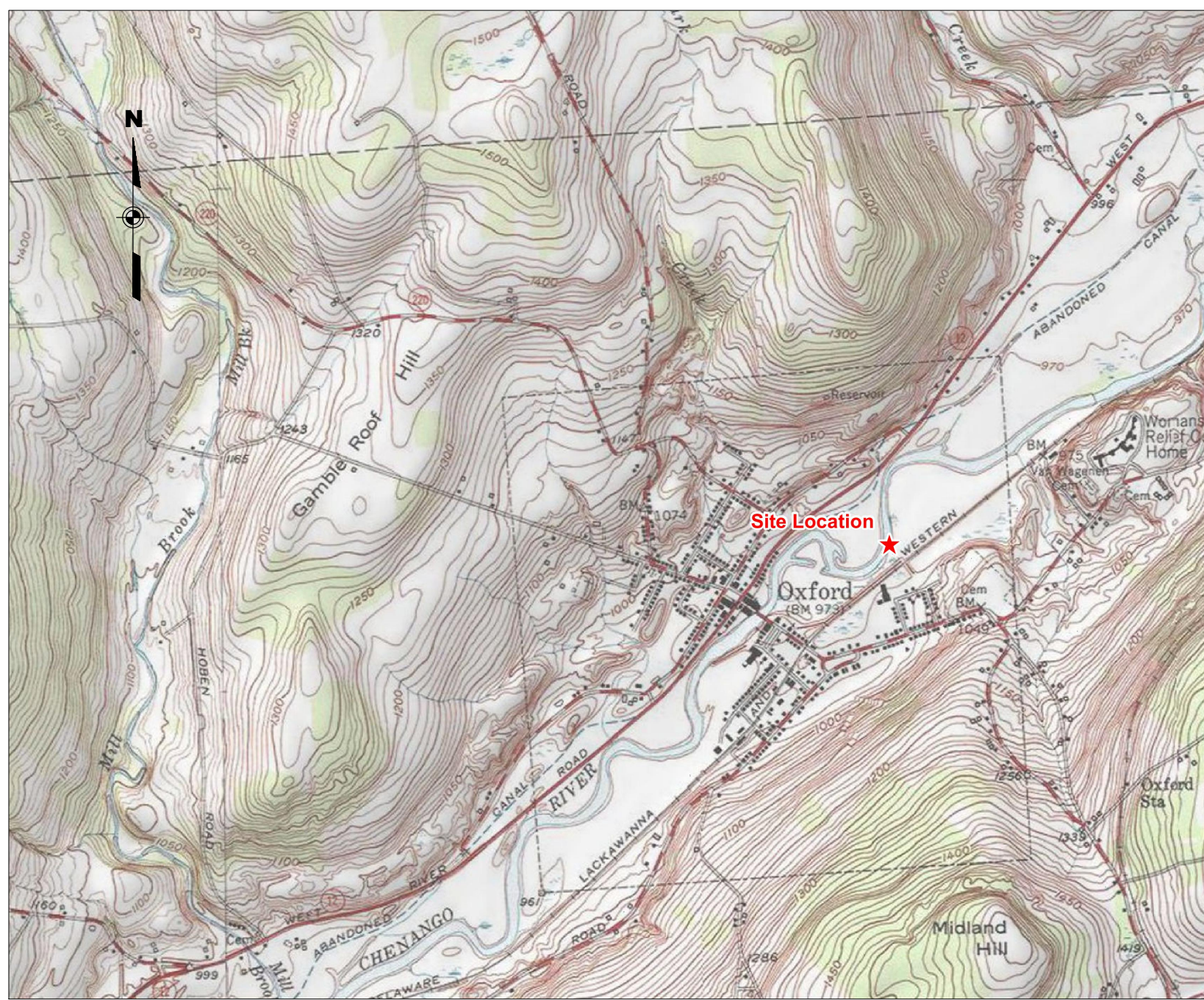


PROVIDE BANK STABILIZATION OXFORD FLOOD CONTROL

CHENANGO RIVER OXFORD, NEW YORK O.G.S. PROJECT NO. 47023 - C



KEY PLAN

DRAWING LIST

- G-001 COVER SHEET
- G-002 LEGEND, ABBREVIATIONS, AND GENERAL NOTES
- C-101 SURVEY PLAN - EXISTING SITE CONDITIONS
- C-102 SITE DEVELOPMENT PLAN - SHEET 1 OF 2
- C-103 SITE DEVELOPMENT PLAN - SHEET 2 OF 2
- C-104 OVERALL REVETMENT PLAN - SUBGRADE
- C-105 SOUTH REVETMENT PLAN - SUBGRADE
- C-106 NORTH REVETMENT PLAN - SUBGRADE
- C-107 OVERALL REVETMENT PLAN - FINAL GRADES
- C-108 SOUTH REVETMENT PLAN - FINAL GRADES
- C-109 NORTH REVETMENT PLAN - FINAL GRADES
- C-110 SOUTH REVETMENT SECTIONS - SHEET 1 OF 2
- C-111 SOUTH REVETMENT SECTIONS - SHEET 2 OF 2
- C-112 NORTH REVETMENT SECTIONS
- C-113 COFFERDAM INSTALLATION SEQUENCING PLAN
- C-114 TYPICAL DETAILS
- C-115 EROSION AND SEDIMENT CONTROL DETAILS
- C-116 MITIGATION RESTORATION AND PLANTING PLAN



Department of
Environmental
Conservation



Office of
General Services

DESIGN & CONSTRUCTION

BID DOCUMENT

DRAWING NUMBER:		
G-001		
SHEET	1	OF 18

Jun 01,2026 -- 8:46am
Z:\BldgInfo-USBU\F1\DCS\Projects\ENV\6068\472_Oxford_Bank_Stabilization\300_CAD_GIS\910_CAD\20-SHEETS\100%_BACKCHECK-REV1\47023G-002 -- LEG ABB GEN NOTES.dwg
36x24 PLOT SHEET

CIVIL SYMBOLS
EXISTING

	SIGN
	DECIDUOUS TREE
	STUMP
	DRAINAGE INVERT
	SURVEY MONUMENT
	BASELINE POINT
	BENCHMARK
	MAJOR CONTOUR
	MINOR CONTOUR
	EDGE OF WATER (OCTOBER 2022)
	ORDINARY HIGH WATER MARK (OHMW) ELEVATION 957.2'
NEW	
	GRADING LIMIT LINE
	CONTRACT LIMIT LINE
	DETAIL INDICATOR
	SECTION LINE
	TREE STUMP TO BE REMOVED
	CONTOUR LINE
	SPOT ELEVATION
	HIGH POINT
	LOW POINT
	FENCE
	SILT FENCE
	GATE
	FINE LINES DENOTE EXISTING WORK
	HEAVY LINES DENOTE NEW WORK
	BASE LINE (LAND SIDE TOP OF REVETMENT TOE)
	STABILIZED CONSTRUCTION ENTRANCE

ABBREVIATIONS

OH	OVERHEAD
DIP	DUCTILE IRON PIPE
PVC	POLYVINYL CHLORIDE PIPE
CPE	CORRUGATED POLYETHYLENE PIPE
SDS	SECURED DRAINAGE STRUCTURE
(PERF)	PERFORATED PIPE

GENERAL NOTES

- ALL LOCATIONS, INCLUDING PROPERTY LINES, ARE APPROXIMATE, REFLECT AVAILABLE INFORMATION, ARE PROVIDED FOR REFERENCE ONLY, AND ARE SUBJECT TO FIELD VERIFICATION. RIGHTS-OF-WAY ARE NOT SHOWN.
- IMMEDIATELY NOTIFY THE DIRECTOR'S REPRESENTATIVE, UPON DISCOVERY, AND BEFORE CONDITIONS ARE FURTHER DISTURBED, OF PHYSICAL CONDITIONS AT THE SITE WHICH DIFFER MATERIALLY FROM THOSE INDICATED ON THE CONSTRUCTION DOCUMENTS AND REFERENCE DOCUMENTS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SAFETY PROGRAMS FOR THEIR EMPLOYEES, SUBCONTRACTORS, AND ANY OTHER PERSONS WHO MAY BE AFFECTED THEREBY. THIS INCLUDES THE PREPARATION OF A SITE-SPECIFIC SAFETY PLAN THAT ADHERES TO OSHA REGULATIONS LISTED IN 29 CFR PART 1926, PRIOR TO PERFORMING ANY WORK AT THE SITE.
- COMPLY WITH ALL REQUIREMENTS OF ANY ISSUED PERMITS AND ANY APPLICABLE STATE AND FEDERAL LAWS AND REGULATIONS. PROVIDE ALL PERMITS REQUIRED BY GOVERNMENT AGENCIES HAVING STATUTORY JURISDICTION OVER THE FACILITIES AND NATURAL FEATURES FOUND ON THE PROJECT SITE AND WHICH WILL BE AFFECTED BY THE WORK OF THIS CONTRACT.
- UNDERGROUND UTILITIES ARE SHOWN FROM FIELD LOCATION WHERE POSSIBLE AND FROM RECORD DATA WHERE FOUND. EXACT LOCATION OF UTILITIES MAY DIFFER FROM THE LOCATION SHOWN, AND ADDITIONAL UTILITIES MAY EXIST. VERIFY THE PRESENCE OF AND EXACT LOCATION OF ALL UTILITIES WITHIN THE CONTRACT LIMIT LINE PRIOR TO COMMENCING ANY EXCAVATION WORK PURSUANT TO THIS CONTRACT. PROVIDE THE SERVICE OF A UTILITY LOCATOR SERVICE AND A LICENSED SURVEYOR FOR LAYOUT PRIOR TO COMMENCING WORK FOR THIS PROJECT.
- PROVIDE ALL REMOVALS INCIDENTAL TO AND NECESSARY TO PROVIDE THE WORK OF THIS CONTRACT. REMOVE EXISTING FEATURES IN THEIR ENTIRETY UNLESS OTHERWISE DIRECTED.
- CLEAR AND GRUB EXISTING VEGETATION, REGARDLESS OF SIZE, NECESSARY TO INSTALL THE WORK OF THIS CONTRACT. REMOVE ALL ABOVE GROUND PORTIONS OF PLANTS. GRUB ALL BELOW GROUND PORTIONS OF PLANTS TO A MINIMUM DEPTH OF 6" BELOW FINISH GRADE IN LAWN AREAS.
- COMPLETELY REMOVE ALL BELOW GROUND PORTIONS OF PLANTS IN AREAS WHERE CONSTRUCTION IS TO TAKE PLACE.
- 14 TREES LOCATED WITHIN THE PROPOSED STONE REVETMENT FOOTPRINT WERE REMOVED IN FEBRUARY 2025, TREE STUMPS ARE TO BE REMOVED IN THEIR ENTIRETY, INCLUDING ALL ABOVE AND BELOW GROUND PORTIONS.
- PRESERVE AND PROTECT ALL EXISTING VEGETATION NOT INDICATED TO BE REMOVED, AND OTHER VEGETATION OUTSIDE THE CLL/GLL NOT REQUIRED TO BE DISTURBED BY THE WORK OF THIS CONTRACT.
- PROVIDE FENCES, BARRICADES AND OTHER SUITABLE DEVICES TO PREVENT DAMAGE BY VEHICLES. RESTRICT VEHICULAR TRAFFIC TO AREAS OUTSIDE THE DRIP LINE OF TREES. PREVENT COMPACTION OF SOIL WITHIN THE DRIP LINE OF TREES AND SHRUBS. DO NOT DRIVE OR PARK VEHICLES ON LAWNS.
- PROTECT FROM DAMAGE ALL EXISTING PHYSICAL FEATURES NOT INDICATED OR REQUIRED TO BE REMOVED FOR THE WORK. PROTECT FROM DAMAGE ALL EXISTING PHYSICAL FEATURES ON THE SITE THAT LIE OUTSIDE THE CONTRACT LIMIT LINE.
- RESTORE TO THEIR ORIGINAL CONDITION ALL EXISTING PHYSICAL FEATURES DAMAGED BY THE UNAUTHORIZED ACT OR OMISSION OF THE CONTRACTOR. ORIGINAL CONDITION SHALL MEAN THE CONDITION IN WHICH THE FEATURE WAS FOUND AT THE START OF THE WORK.
- COORDINATE THE LAYOUT WORK WITH THE DIRECTOR'S REPRESENTATIVE. ELIMINATE ALL CONFLICTS IN UTILITY LOCATIONS PRIOR TO ANY EXCAVATIONS. EXCEPT FOR APPROVED CHANGES MADE TO AVOID CONFLICT, DO NOT DEVIATE FROM THE LOCATIONS SHOWN ON THE UTILITY COORDINATION PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DIRECTOR'S REPRESENTATIVE.
- PROVIDE SMOOTH TRANSITION TO EXISTING GRADES.
- STRIP ALL EXISTING ORGANIC SOIL FROM ALL AREAS WITHIN THE GRADING LIMIT LINE WHERE EXCAVATION OR FILL IS REQUIRED. UNCONTAMINATED ORGANIC SOILS FROM LAWN AND LANDSCAPED AREAS WILL BE ACCEPTABLE FOR RE-USE AS TOPSOIL. STOCKPILE ALL STRIPPED ORGANIC SOIL AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE. DO NOT STOCKPILE NON-ORGANIC MINERAL SOIL OR OTHER CONTAMINATED MATERIALS WITH TOPSOIL.
- FINE GRADE, TOPSOIL, SEED AND MULCH ALL AREAS DISTURBED BY THE WORK OF THIS CONTRACT AND NOT SPECIFIED TO BE COVERED BY BUILDINGS, PAVEMENTS, RIPRAP, OR OTHER FINISHED SURFACE. RESTORE ALL EXISTING CONSTRUCTION TO ORIGINAL CONDITION, UNLESS SHOWN OR DIRECTED OTHERWISE.
- PROVIDE AND MAINTAIN TEMPORARY ROADS FOR THE USE OF ALL PERSONS LAWFULLY FREQUENTING THE SITE. TEMPORARY ROADS SHALL ACCESS ALL AREAS OF THE SITE REQUIRING WORK UNDER ALL CONTRACTS. PROVIDE A TEMPORARY ROAD SECTION SUFFICIENT TO CARRY THE HEAVIEST CONSTRUCTION TRAFFIC WHEEL LOADS RESULTING FROM THIS AND ALL OTHER CONTRACTS. ALSO PROVIDE AN ACCESS SPUR FROM THE NEAREST TEMPORARY ROAD TO THE LAY DOWN AREA(S).
- CROWN OR SLOPE THE SURFACE OF TEMPORARY ROADS FOR ADEQUATE DRAINAGE. PROVIDE TEMPORARY DRAINAGE, INCLUDING SWALES, DITCHES, CULVERTS AND PUMPS AS REQUIRED, TO MAINTAIN THE TEMPORARY ROADS AND PREVENT THEM FROM PONDING WATER ON THE ROADS OR ON THE SITE.

- CONTINUALLY MAINTAIN TEMPORARY ROADS FOR CONSTRUCTION TRAFFIC USE UNTIL NO LONGER NEEDED. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO: PROVISION OF ADDITIONAL MATERIALS AS REQUIRED AND/OR DIRECTED; GRADING AND COMPACTING TO REMOVE RUTS AND DEPRESSIONS; REMOVAL OF SNOW AND ICE; AND MEASURES TO CONTROL DUST.
- SURVEY NOTES:
- TOPOGRAPHIC SURVEY WAS PREPARED BY SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, D.P.C, SEE MAPS TITLED "CHENANGO RIVER BANK PROTECTION PROJECT", DATED OCTOBER 2022.
 - HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM NAD 83 CENTRAL ZONE.
 - VERTICAL DATUM IS REFERENCED TO NAVD 88.

RIGHT OF WAY NOTES:

- THE PERIMETER OF THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) FLOOD PROTECTION RIGHTS SHOWN HEREON ARE BASED ON THE RECORD MAPS REFERENCED HEREON. ALL OTHER BOUNDARIES DEPICTED HEREON ARE CONSIDERED APPROXIMATE AND ARE NOT THE RESULT OF AN ACTUAL SURVEY.
- APPROXIMATE PROPERTY LINES, STREET BOUNDARIES AND REPUTED OWNERS DEPICTED HEREIN ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. THIS INFORMATION IS BASED ON CHENANGO COUNTY TAX MAPPING AND MAY NOT REFLECT LOCATIONS WHICH A PROPERTY SURVEY WOULD SUPPORT.
- THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING THE PRE-WORK, AND POST-WORK SURVEYS IN ACCORDANCE WITH SECTION 017123 OF THE CONTRACT SPECIFICATIONS ("FIELD ENGINEERING").

WORK PLAN:

- PREPARE AND SUBMIT FOR APPROVAL A CONTRACTOR'S WORK PLAN (REFER TO SECTION 011000 FOR A COMPLETE LIST OF REQUIREMENTS).

SITE PREPARATION:

- SITE ACCESS IS SHOWN ON DRAWING C-102.

- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ABOVE AND UNDERGROUND UTILITIES DURING CONSTRUCTION. THE LOCATION OF ALL ABOVE AND UNDERGROUND UTILITIES MUST BE VERIFIED IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION. CONTACT "UDIG NY" (1-800-962-7962) AND ALL APPLICABLE UTILITY COMPANIES FOR LOCATION OF UNDERGROUND UTILITIES. COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES FOR THE TEMPORARY REMOVAL, RELOCATION, AND REPLACEMENT OF ANY UTILITY POLES, GUY WIRES, UNDERGROUND UTILITIES, AND/OR OVERHEAD WIRES THAT FALL WITHIN THE LIMITS OF CONSTRUCTION, OR THAT MAY INTERFERE WITH THE WORK, IN ACCORDANCE WITH TECHNICAL SPECIFICATION 023313 UNDERGROUND UTILITY LOCATOR SERVICE.
- OBTAIN APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE PRIOR TO THE DISTURBANCE OF ANY PLANTINGS OR MATERIALS ON PRIVATE PROPERTY. AT THE COMPLETION OF CONSTRUCTION REPLACE ANY ITEMS SO DISTURBED AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.

RESTORATION AND DEMOBILIZATION:

- RESTORE TO PRE-CONSTRUCTION CONDITIONS ALL SUPPORT AREAS THAT ARE IMPACTED BY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO, EQUIPMENT AND MATERIALS STORAGE AREAS, MATERIAL LOADING AND STAGING AREAS, PARKING AREAS, AND LOCATIONS OF OFFICE TRAILERS, EXCEPT AS NOTED OTHERWISE.
- UPON COMPLETION OF CONSTRUCTION, THE WORK AREA SHALL BE LEFT IN A CLEAN, NEAT, AND ORDERLY CONDITION.
- DEMOBILIZATION OF ALL MATERIALS, EQUIPMENT, AND PERSONNEL UTILIZED AND BROUGHT TO THE SITE DURING MOBILIZATION AND CONSTRUCTION ACTIVITIES SHALL OCCUR ONCE THE PROJECT IS COMPLETED AND ACCEPTED BY THE DIRECTOR'S REPRESENTATIVE. ALL TEMPORARY FACILITIES SHALL BE REMOVED.
- BEAR ALL COSTS AND RESPONSIBILITY FOR REPAIRS TO ANY ON-SITE AND/OR OFF-SITE FEATURES (UTILITIES, SIDEWALKS, ROADS, ETC.) AND/OR SURFACES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.

SAFEGUARDS DURING CONSTRUCTION:

- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE PROJECT.
- REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES. NO EQUIPMENT OR MATERIALS SHALL BE STORED OUTSIDE OF THE PROJECT BOUNDARY.
- WASTE MATERIALS SHALL BE REMOVED IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHT-OF-WAY.
- ACTIVE WORK AREA(S) SHALL BE DELINEATED WITH TEMPORARY FENCING (AT A MINIMUM ORANGE SNOW FENCE) FOR THE DURATION OF THE PROJECT AND SHALL BE REMOVED FROM THE CREEK RIVERSIDE SIDE DURING TIMES OF HIGH WATER. SIGNS SHALL BE PLACED AT REGULAR INTERVALS TO INDICATE THAT NO PEDESTRIAN ACCESS IS ALLOWED INTO THE WORK AREA.
- SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK (REFER TO SECTION 011000).

STOCKPILE AND MATERIAL HANDLING:

- EXCAVATED SOILS AND SEDIMENTS SHALL BE DEWATERED ON THE STOCKPILE/STAGING AREA PRIOR TO LOADOUT FOR OFF-SITE DISPOSAL.
- WATER FROM THE EXCAVATED SOILS AND SEDIMENTS SHALL BE DISCHARGED TO THE RIVER IN A NON-EROSIVE MANNER USING SAND FILTERS OR FILTER BAGS.

GENERAL CONSTRUCTION:

- NO DIVERSION IS SHOWN OR IDENTIFIED FOR THE STREAM FLOW DURING THE WORK.
- EXCAVATION AND BACKFILL OF THE CHANNEL BOTTOM AND SIDE SLOPES SHALL BE PERFORMED IN THE DRY AFTER INSTALLING THE COFFERDAM AND DEWATERING. DEWATERING SHALL BE IN ACCORDANCE WITH SECTIONS 315200 AND 312319.
- EXCAVATION AND BACKFILL SHALL BE PERFORMED FROM THE TOP OF BANK BY EXCAVATORS, CRANES AND/OR LONG-REACH EQUIPMENT.

SEQUENCE OF CONSTRUCTION/PERMIT CONDITIONS:

- UNLESS OTHERWISE APPROVED IN WRITING BY NYSDEC, IN WATER WORK (INCLUDING TURBIDITY CURTAIN AND COFFERDAM INSTALLATION AND REMOVAL) SHALL BE COMPLETED ONLY BETWEEN JUNE 15 AND MARCH 15, OR ANY TIME THE WORK AREA IS DRY AND ANTICIPATED TO BE DRY FOR THE DURATION OF THE PROJECT.

EROSION CONTROL NOTES

- PROVIDE ALL SOIL EROSION CONTROLS REQUIRED BY THE CONTRACT IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- COMPLY WITH REGULATIONS OF ALL PUBLIC AGENCIES HAVING JURISDICTION OVER SOIL EROSION CONTROL ON THE SITE.
- TAKE NECESSARY MEASURES TO REDUCE THE DISTURBANCE OF VEGETATIVE SOIL COVER TO THE MINIMUM REQUIRED BY THE WORK.
- LIMIT ACCESS ON UNSTABILIZED SOIL SURFACES TO THOSE VEHICLES NECESSARY FOR THE WORK. DO NOT PARK EMPLOYEES VEHICLES ON ERODABLE SOIL SURFACES.
- STABILIZE AND PROTECT SOIL SURFACES TO PREVENT ADHESION OF SOIL MATERIALS TO VEHICLES LEAVING THE SITE.
- PREVENT TRACKING OF SOIL MATERIALS FROM THE SITE ONTO OTHER AREAS OF FACILITY PROPERTY. PREVENT TRACKING OF SOIL MATERIALS FROM THE SITE ONTO PUBLIC HIGHWAYS.
- PROVIDE FILTER FABRIC SILT FENCE AS SHOWN ON THE DRAWINGS AND AS DIRECTED BY DIRECTOR'S REPRESENTATIVE. SILT FENCE MAY CONSIST OF FILTER FABRIC ATTACHED SECURELY TO WOVEN WIRE FENCE OR PREFABRICATED UNITS INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
- SILT FENCE SHALL BE INSTALLED PRIOR TO DISTURBANCE OF EXISTING SOIL SURFACE AND SHALL BE INSPECTED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF GP-0-25-001.
- THE DIRECTOR'S REPRESENTATIVE WILL MONITOR THE EFFECTIVENESS OF THE CONTRACTORS SOIL EROSION CONTROL MEASURES DAILY. THE CONTRACTOR WILL IMMEDIATELY UPON NOTIFICATION BY THE DIRECTOR'S REPRESENTATIVE CORRECT ALL DEFICIENCIES.

SECURITY NOTES:

- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SECURITY AND PROTECTION OF THEIR MATERIALS AND EQUIPMENT AND THAT OF THEIR SUBCONTRACTORS, SEE SPECIFICATION 015000.

TEMPORARY EMERGENCY ACTION PROCEDURE INFORMATION:

- MONITOR THE OXFORD, NEW YORK STREAM GAUGE DAILY (COORDINATES 42.4417, -75.5967). INSTALLATION OF A LOCAL STAFF GAUGE IS RECOMMENDED.
- NYSDEC'S PRE-HIGHWATER PERIOD MAY BE CAUSED BY APPROXIMATELY 2.5" OF RAIN WITHIN A 24-HOUR PERIOD.
- A SEVERE HIGHWATER LEVEL, STAGE 3 (16-FEET) ON THE GREENE, NEW YORK STREAM GAUGE WOULD BE PREDICTED TO REACH 19-FEET ON THE OXFORD GAUGE. ZERO ON THE GREENE GAUGE IS EQUAL TO 891.98 FT NAVD88. WEBSITE: <https://water.noaa.gov/gauges/GNEN6>.
- IF A FLOOD EVENT IS PREDICTED, ALL MATERIALS AND EQUIPMENT MUST BE REMOVED FROM THE RIVERSIDE OF THE OXFORD FLOOD CONTROL LEVEE. USE AN APPROXIMATE TRIGGER ELEVATION OF 961-FEET OR 12-FEET ON THE OXFORD GAUGE TO PREPARE TO MOVE MATERIALS AND EQUIPMENT FROM THE RIVERSIDE OF THE LEVEE.
- REFERENCED WEBSITES INCLUDE: U.S. GEOLOGIC SURVEY (USGS) STREAM GAUGES - USGS CHENANGO RIVER AT OXFORD NY - 01505810; NATIONAL WEATHER SERVICE (NWS) ADVANCED HYDROLOGIC PREDICTION SERVICE (AHPS) WEBSITE: <https://water.noaa.gov/gauges/chon6> (NOTE: GAUGE ZERO ELEVATION IS 949.44 FEET NAVD88); NATIONAL WEATHER SERVICE FORECAST OFFICE WEBSITE: <https://www.weather.gov/bgm/>.

CODE COMPLIANCE STATEMENT:

2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (SECTION C105.2.2. WRITTEN STATEMENT)

TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE LICENSED PROFESSIONAL SEALING THESE PLANS AND SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.

(NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE):

TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE LICENSED PROFESSIONAL SEALING THESE PLANS AND SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE), 2020.

THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE (UNIFORM CODE), TO INCLUDE:

2020 BUILDING CODE OF NEW YORK STATE
2020 PLUMBING CODE OF NEW YORK STATE
2020 MECHANICAL CODE OF NEW YORK STATE
2020 FUEL GAS CODE OF NEW YORK STATE
2020 FIRE CODE OF NEW YORK STATE
2020 PROPERTY MAINTENANCE CODE OF NEW YORK STATE
2020 EXISTING BUILDING CODE OF NEW YORK STATE



DESIGN & CONSTRUCTION

CONSULTANT



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Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:

PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:

CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:

NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

LEGEND,
ABBREVIATIONS AND
GENERAL NOTES

DRAWING NUMBER:

G-002

CONSULTANT

AECOM
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Buffalo, New York 14202

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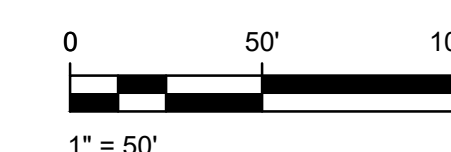
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SURVEY PLAN
EXISTING
SITE CONDITIONS

DRAWING NUMBER:

C-101

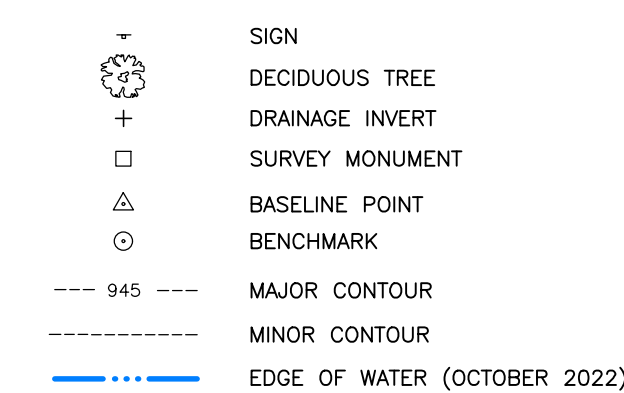
SHEET 3 OF 18



NOTES:

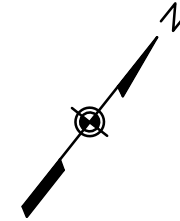
1. HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM NAVD 83 CENTRAL ZONE.
2. VERTICAL DATUM IS REFERENCED TO NAVD88.
3. THE LOCATION OF THE UNDERGROUND UTILITY LINES SHOWN ARE TO QUALITY LEVEL C AS STATED IN SECTION 38-22 PAGE 6 OF THE ASCE "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA". THERE IS NO GUARANTEE THAT ALL THE EXISTING UTILITIES, WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA ARE SHOWN ON THIS DRAWING. DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE STARTING WORK AND SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM THIS WORK. BEFORE COMMENCING WORK CONTACT "UDIG NY" AT 811 AND PROVIDE 72 HOURS NOTICE.

LEGEND:



Jun 01 2026 - 9:00am
Z:\Buffalo-USBU1\DCS\Projects\ENV\60681472_Oxford_Bank_Stabilization\300_CAD_GIS\910_CAD\920-SHEETS\100%_BACKCHECK-REV1\47023C-102-3.dwg

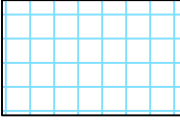
36x24 PLOT SHEET



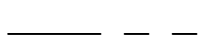
MATCHLINE REFER TO C-103

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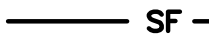
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TEMPORARY ACCESS ROAD, CREEK CROSSING AND STAGING AREA
- 

FIELD DELINEATED WETLAND PERFORMED BY AECOM, SEPTEMBER 2022
- 

CONSTRUCTION ACCESS FROM PUBLIC ROW
- 

APPROXIMATE APPROPRIATION BOUNDARY LINE
- 

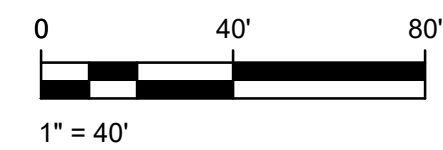
CONTRACT LIMIT LINE
- 

SILT FENCE
- 

STABILIZED CONSTRUCTION ENTRANCE

NOTE:

- EROSION AND SEDIMENT CONTROLS SHOWN ON THIS DRAWING ARE APPROXIMATE. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROLS AS NECESSARY.
- FOR APPROPRIATION MAP AND PARCEL BOUNDARY LINES SEE RECORD DRAWING TITLED "CHENANGO RIVER CHANNEL IMPROVEMENT, OXFORD, NEW YORK", WITH A SUBMITTED DATE 9-26-46 AND APPROVED DATE OF 11-8-46.
- DAMAGE TO THE ASPHALT PAVEMENT ON MAIN STREET AND OTHER TOWN OF OXFORD ROADS FROM TRUCK TRAFFIC MUST BE REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE ASPHALT PAVEMENT DETAIL ON DRAWING C-114 AND IN COORDINATION WITH THE TOWN OF OXFORD ENGINEERING DEPARTMENT.



CONSULTANT

AECOM

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CERTIFICATE OF AUTHORIZATION #: 021205

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NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

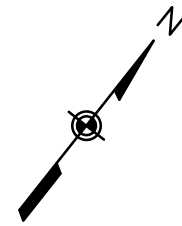
SHEET TITLE:

SITE
DEVELOPMENT PLAN
SHEET 1 OF 2

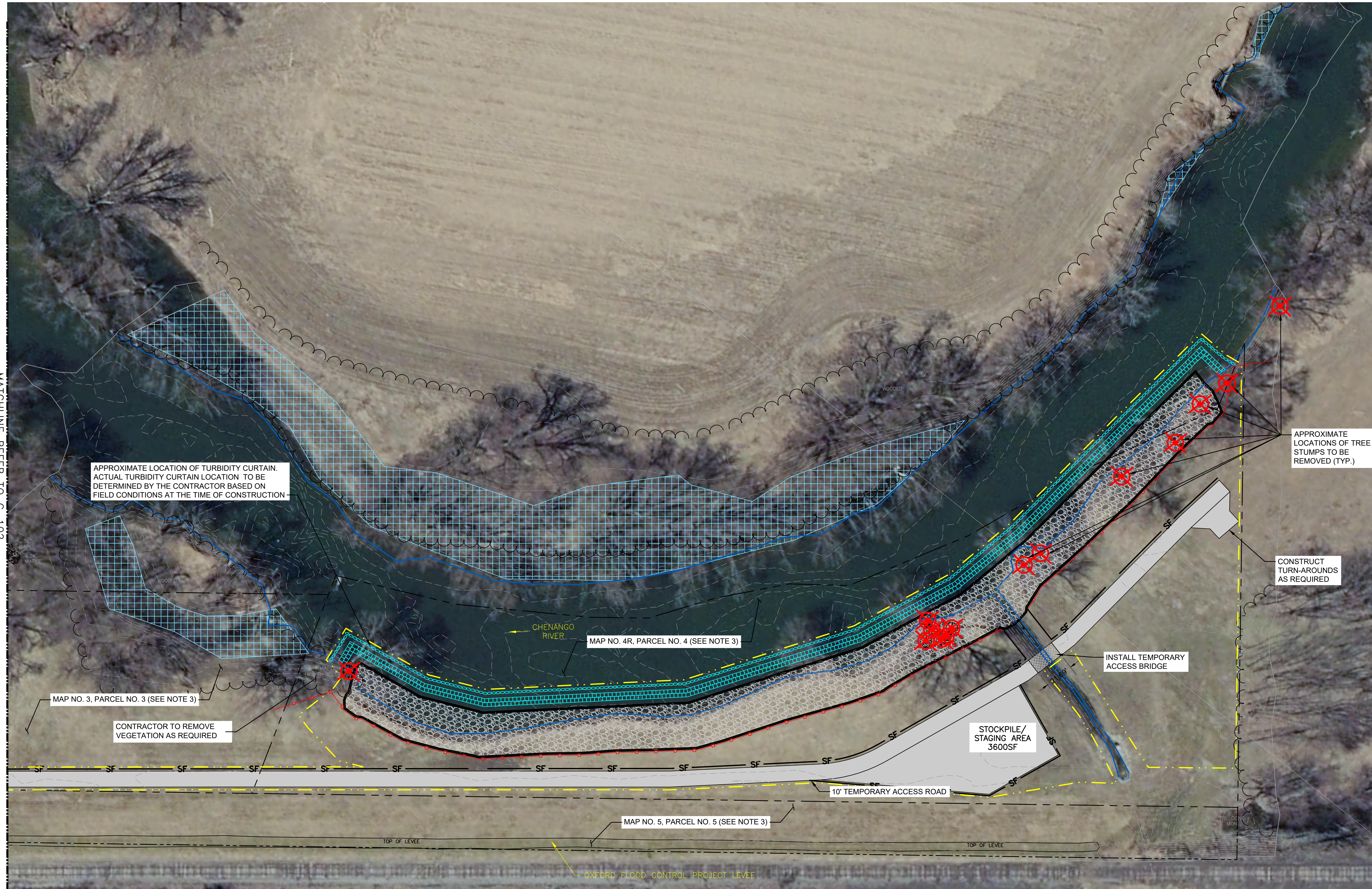
DRAWING NUMBER:

C-102

Jun 01 2026 - 9:02am
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36x24 PLOT SHEET



MATCHLINE REFER TO C-102

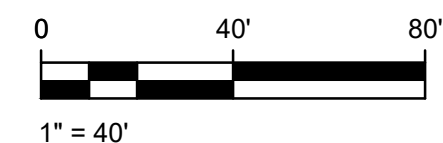


LEGEND THIS DRAWING:

- | | | | |
|--|---|--|---|
| | TOP, SIDE SLOPE AND TOE OF REVETMENT | | TURBIDITY CURTAIN |
| | TEMPORARY ACCESS ROAD, CREEK CROSSING AND STAGING AREA | | APPROXIMATE APPROPRIATION BOUNDARY LINE |
| | FIELD DELINEATED WETLAND PERFORMED BY AECOM, SEPTEMBER 2022 | | COMPOSITE FILTER SOCK |
| | TREE STUMPS TO BE REMOVED | | CONTRACT LIMIT LINE |
| | | | SILT FENCE |
| | | | APPROXIMATE LIMITS COFFERDAM |
| | | | TEMPORARY ACCESS BRIDGE |
| | | | EDGE OF WATER (OCTOBER 2022) |

NOTE:

- EROSION AND SEDIMENT CONTROLS SHOWN ON THIS DRAWING ARE APPROXIMATE. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROLS AS NECESSARY.
- TREES LOCATED WITHIN THE PROPOSED REVETMENT AREA WERE REMOVED IN FEBRUARY 2025. CONTRACTOR TO REMOVE STUMPS PRIOR TO REVETMENT CONSTRUCTION.
- FOR APPROPRIATION MAP AND PARCEL BOUNDARY LINES SEE RECORD DRAWING TITLED "CHENANGO RIVER CHANNEL IMPROVEMENT, OXFORD, NEW YORK", WITH A SUBMITTED DATE 9-26-46 AND APPROVED DATE OF 11-8-46.



CONSULTANT

AECOM

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202
CERTIFICATE OF AUTHORIZATION #: 021205

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SITE
DEVELOPMENT PLAN
SHEET 2 OF 2

DRAWING NUMBER:

C-103

CONSULTANT

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Buffalo, New York 14202

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TITLE: PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT	
MARK	DATE	DESCRIPTION	
PROJECT NUMBER:	47023-C		
DESIGNED BY:	DNM		
DRAWN BY:	HAP		
FIELD CHECK:	MWO		
APPROVED:	EKT		

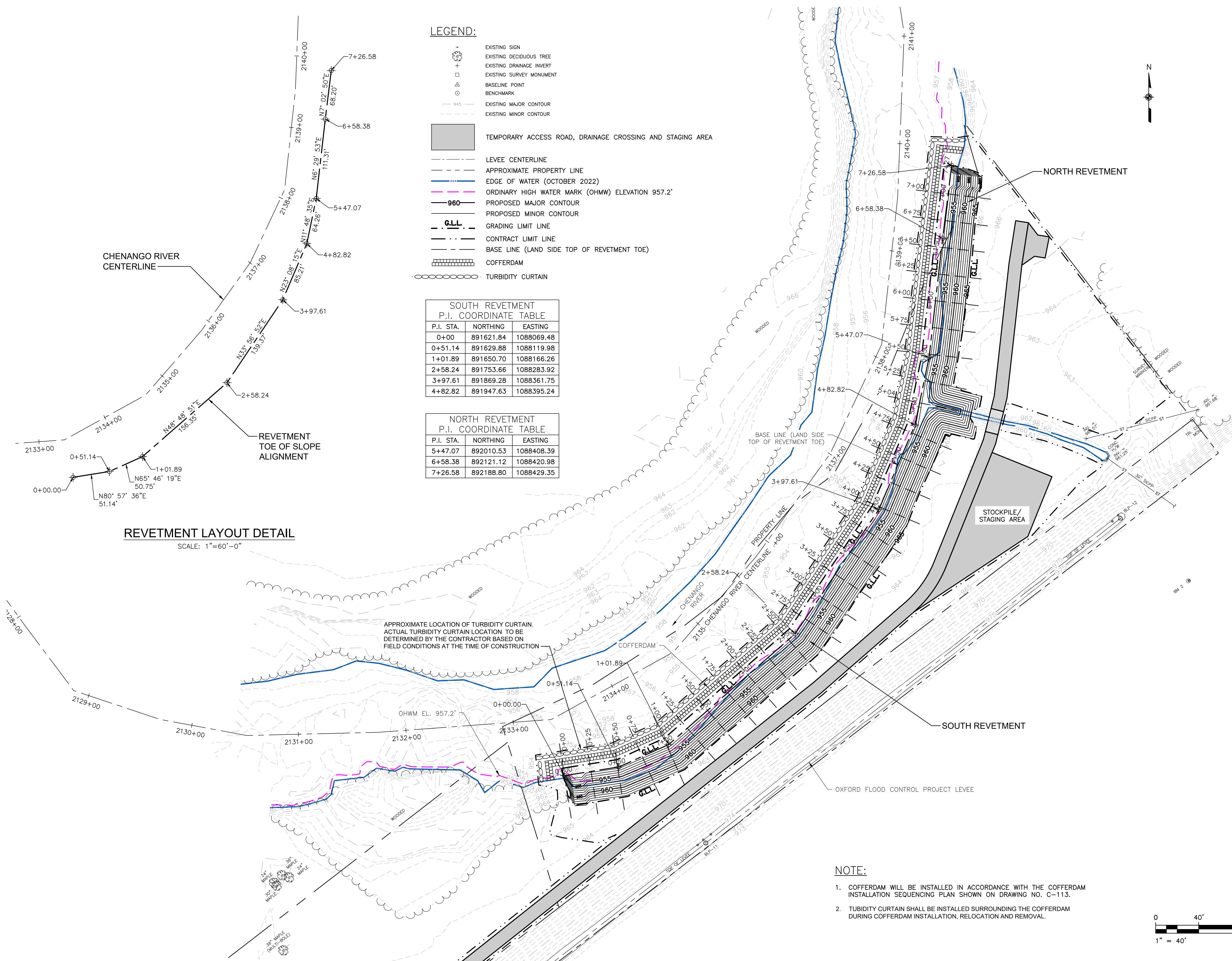
SHEET TITLE:

OVERALL
REVETMENT PLAN
SUBGRADE

DRAWING NUMBER:

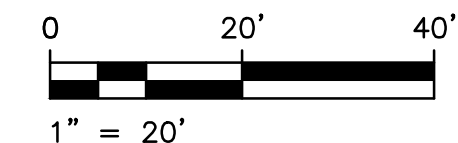
C-104

SHEET 6 OF 18



Jun 01, 2026 - 9:04am
\\Buffalo-USBUF1\DCS\Projects\ENV\60681472_Oxford_Bank_Stabilization\900_CAD_GIS\910_CAD\20-SHEETS\100% BACKCHECK-REV\47023C-104-6-subgrade-plan.dwg

36x24 PLOT SHEET



·○○○○○○· TURBIDITY CURTAIN

1. ALL SECTIONS CUTS ARE TAKEN LOOKING UPSTREAM. SEE DRAWINGS C-110 AND C-111.
2. THE ORDINARY HIGH WATER MARK (OHWM) ELEVATION WAS DETERMINED TO BE 957.2' BASED ON VISUAL INSPECTION AND DATA COLLECTED BY AECOM ON AUGUST 1, 2023.
3. COFFERDAM WILL BE INSTALLED IN ACCORDANCE WITH THE COFFERDAM INSTALLATION SEQUENCING PLAN SHOWN ON DRAWING NO. C-113. CONTRACTOR MAY SUBMIT AN ALTERNATIVE COFFERDAM INSTALLATION SEQUENCING PLAN FOR REVIEW AND APPROVAL.
4. TUBIDITY CURTAIN SHALL BE INSTALLED SURROUNDING THE COFFERDAM DURING COFFERDAM INSTALLATION, RELOCATION AND REMOVAL.



NEW YORK STATE | **Office of General Services**
DESIGN & CONSTRUCTION

CONSULTAN



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Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT: CONSTRUCTION

TITLE: PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

SOUTH
REVTMENT PLAN
SUBGRADE

DRAWING NUMBER:

C-105

SHEET 7 OF 18

Jun 01, 2026 - 9:05am
 \\Bulfinch-USUBF\1\DCS\Projects_ENR\60681472_Oxford_Bank_Stabilization\900_CAD\GIS\910_CAD\20-SHEETS\100% BACKCHECK-REV1\47023C-104-6-subgrade-pond.dwg
 36.24 PLOT SHEET

CONSULTANT

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE: PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

NORTH
REVTMENT PLAN
SUBGRADE

DRAWING NUMBER:

C-106

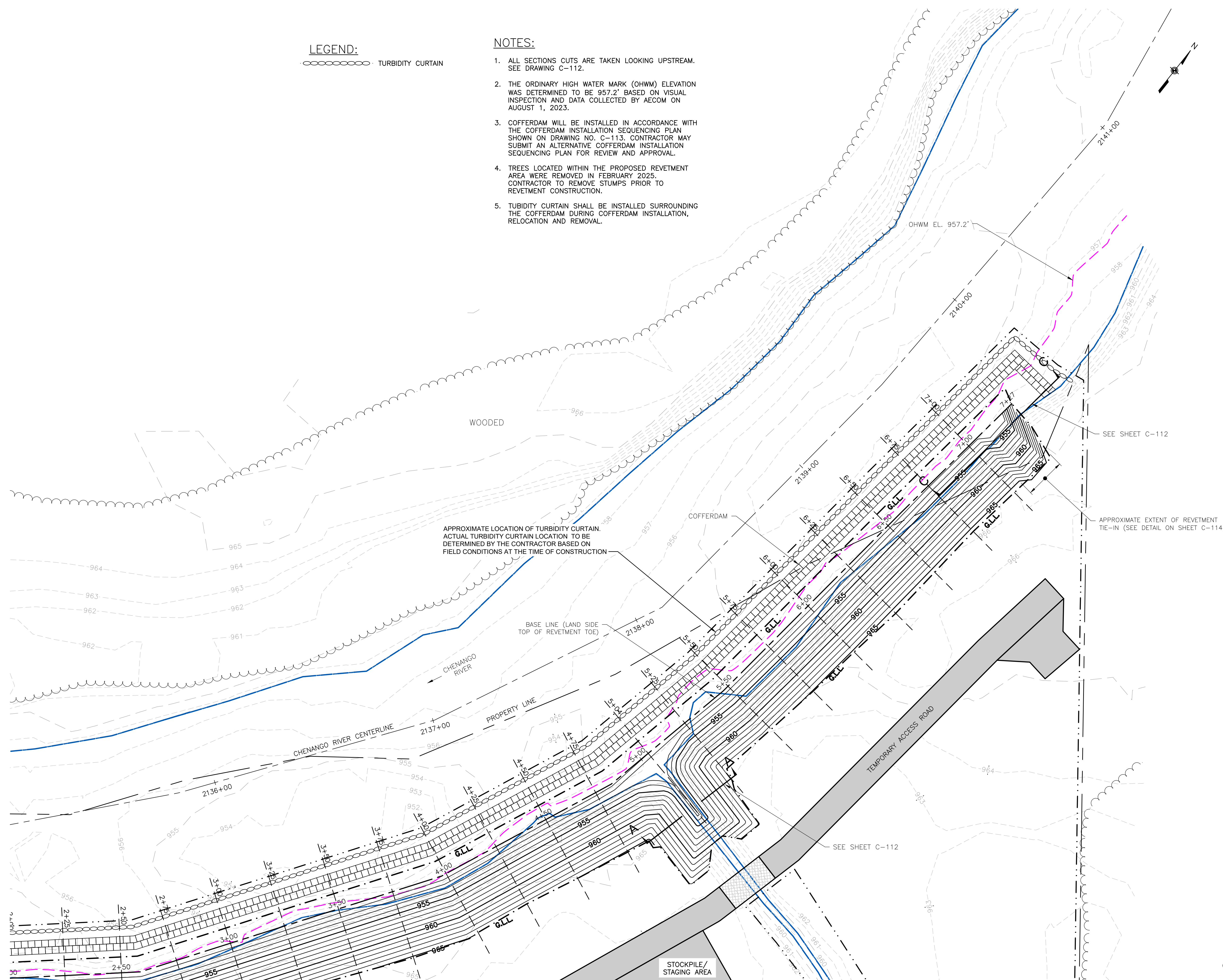
SHEET 8 OF 18

LEGEND:

- ○○○○○○ · TURBIDITY CURTAIN

NOTES:

1. ALL SECTIONS CUTS ARE TAKEN LOOKING UPSTREAM. SEE DRAWING C-112.
2. THE ORDINARY HIGH WATER MARK (OHWM) ELEVATION WAS DETERMINED TO BE 957.2' BASED ON VISUAL INSPECTION AND DATA COLLECTED BY AECOM ON AUGUST 1, 2023.
3. COFFERDAM WILL BE INSTALLED IN ACCORDANCE WITH THE COFFERDAM INSTALLATION SEQUENCING PLAN SHOWN ON DRAWING NO. C-113. CONTRACTOR MAY SUBMIT AN ALTERNATE COFFERDAM INSTALLATION SEQUENCING PLAN FOR REVIEW AND APPROVAL.
4. TREES LOCATED WITHIN THE PROPOSED RETENTION AREA WERE REMOVED IN FEBRUARY 2025. CONTRACTOR TO REMOVE STUMPS PRIOR TO RETENTION CONSTRUCTION.
5. TUBIDITY CURTAIN SHALL BE INSTALLED SURROUNDING THE COFFERDAM DURING COFFERDAM INSTALLATION, RELOCATION, AND REMOVAL.



0 20' 40'

1" = 20'

CONSULTANT

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Buffalo, New York 14202
CERTIFICATE OF AUTHORIZATION #: 021205

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CONTRACT: CONSTRUCTION

TITLE: PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

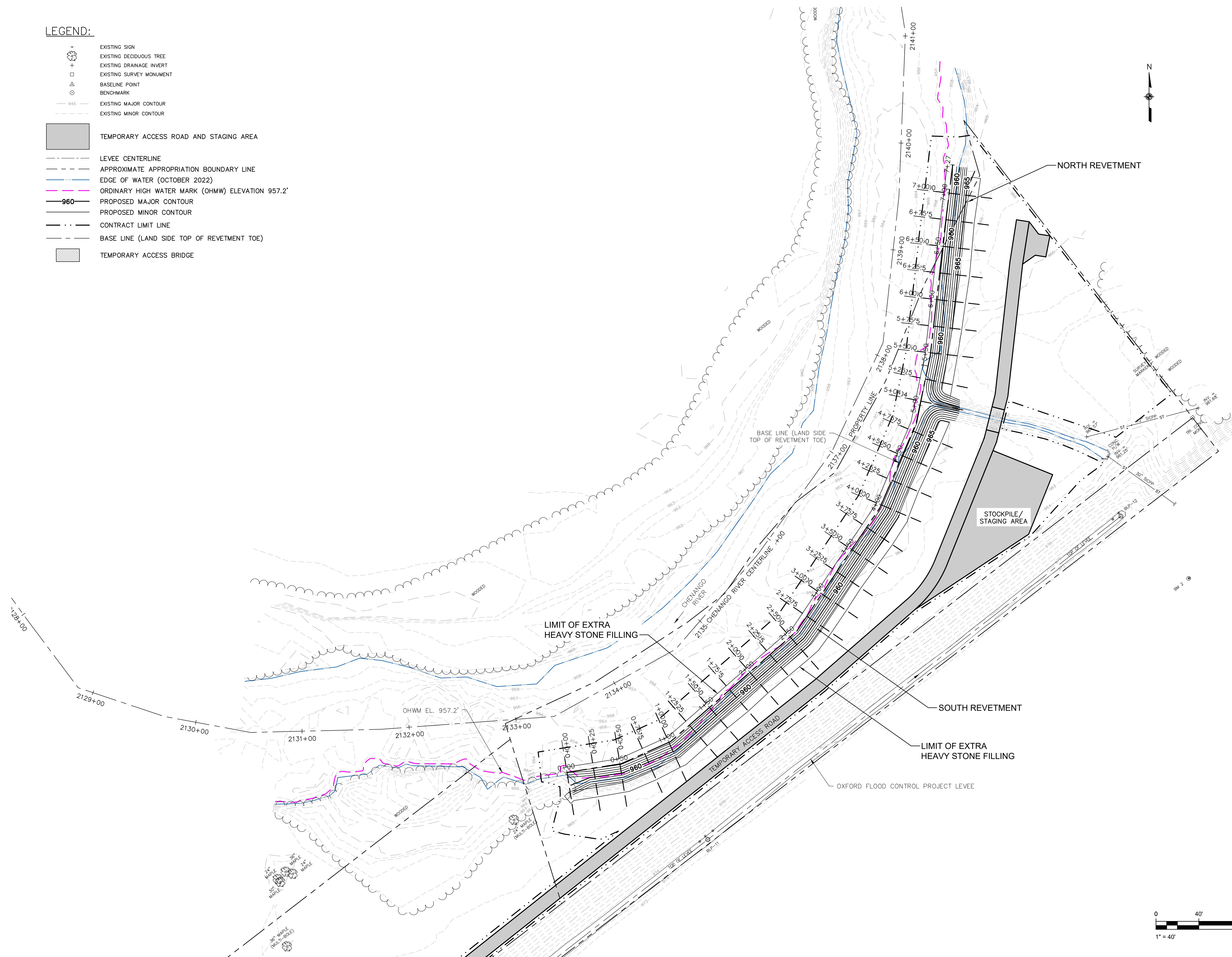
SHEET TITLE:

OVERALL
REVTMENT PLAN
FINAL GRADES

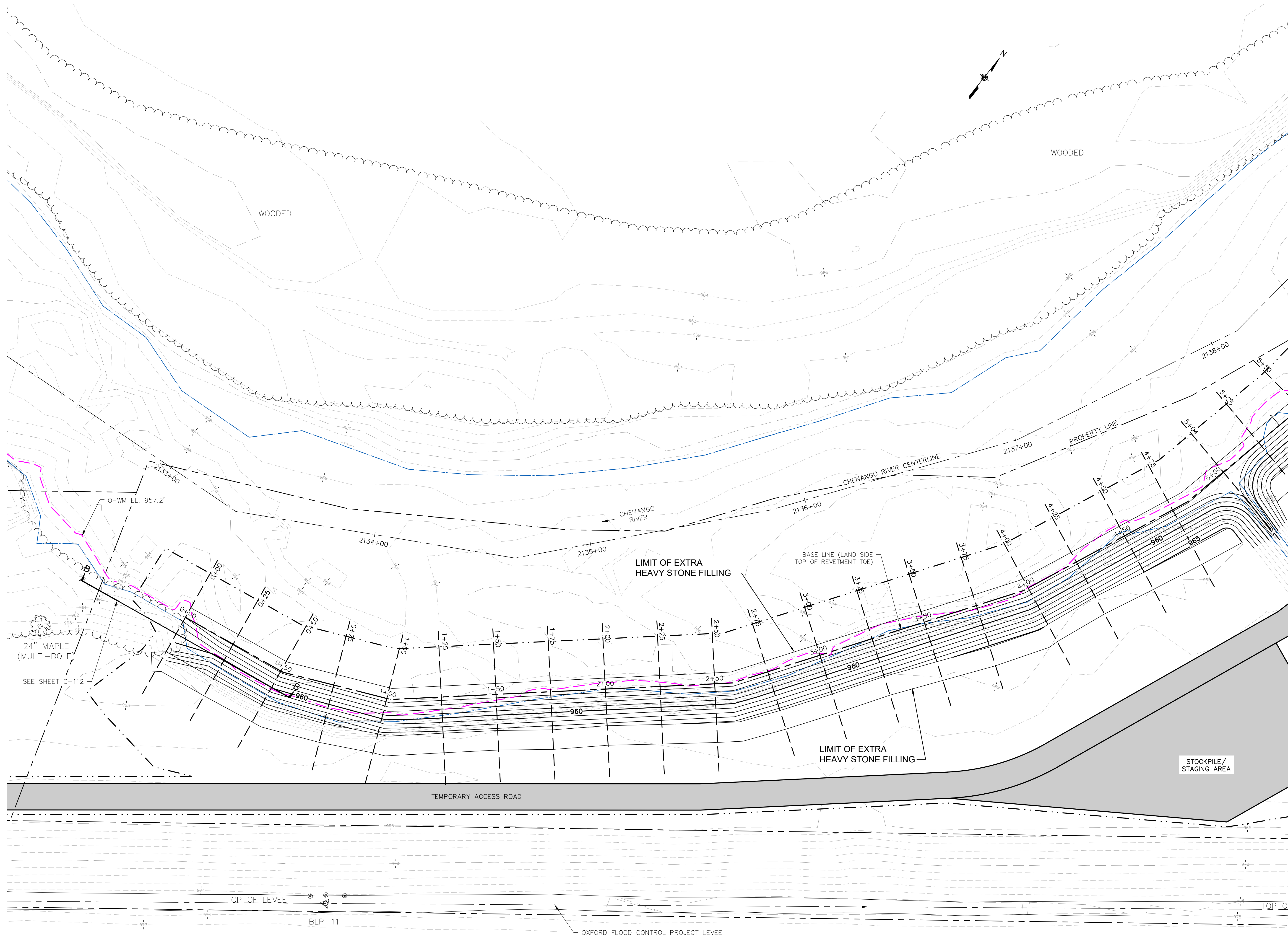
DRAWING NUMBER:

C-107

SHEET 9 OF 18



Jun 01, 2026 - 9:18am
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36x24 PLOT SHEET



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Edwin K. Twiss Jr., PE
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Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

SOUTH
REVETMENT PLAN
FINAL GRADES

DRAWING NUMBER:

C-108

CONSULTANT



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Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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Registration #080650
Expiration 7/31/2029

CONTRACT:

CONTRACT: CONSTRUCTION

TITLE: PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

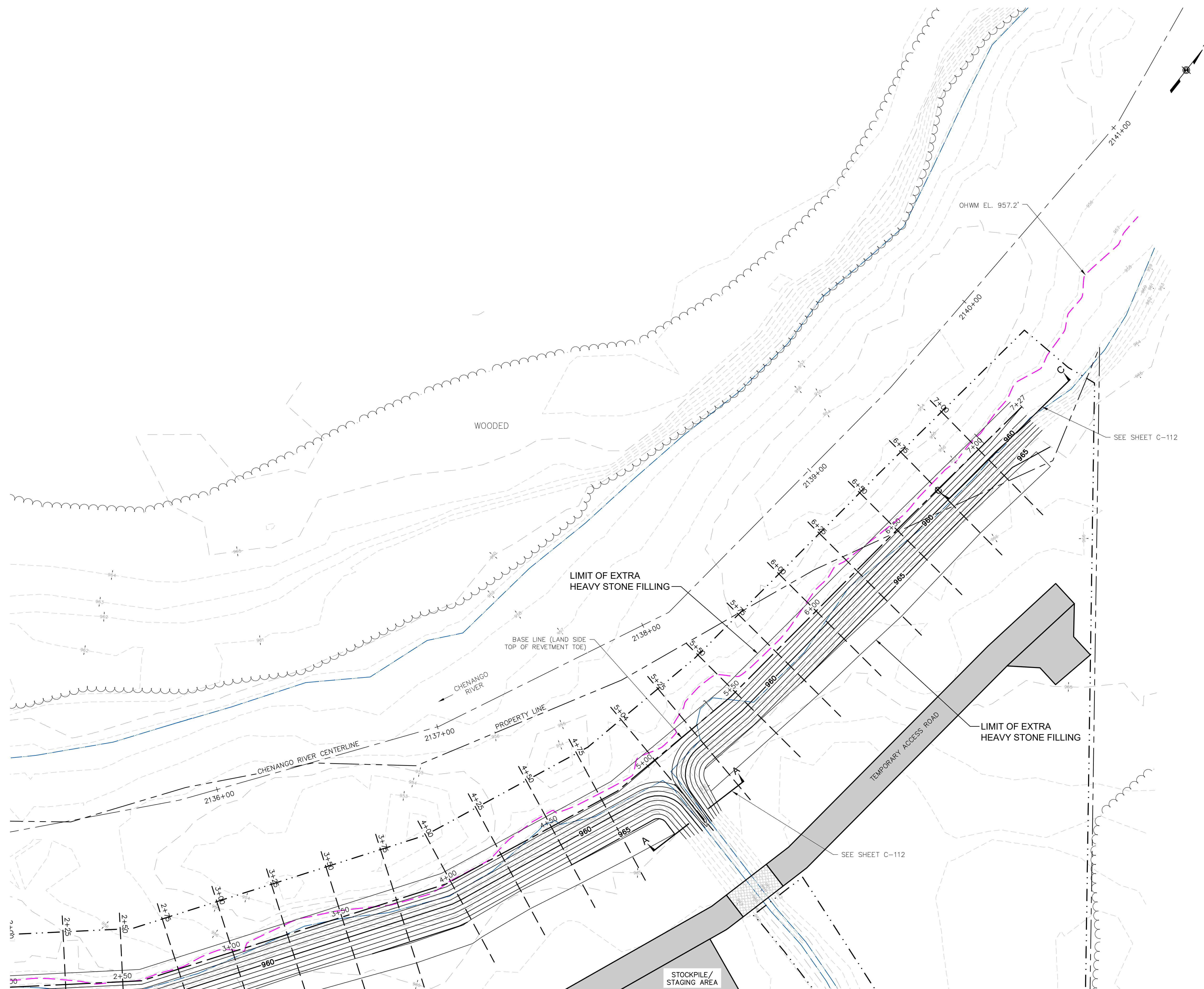
SHEET TITLE:

NORTH
REVTMENT PLAN
FINAL GRADES

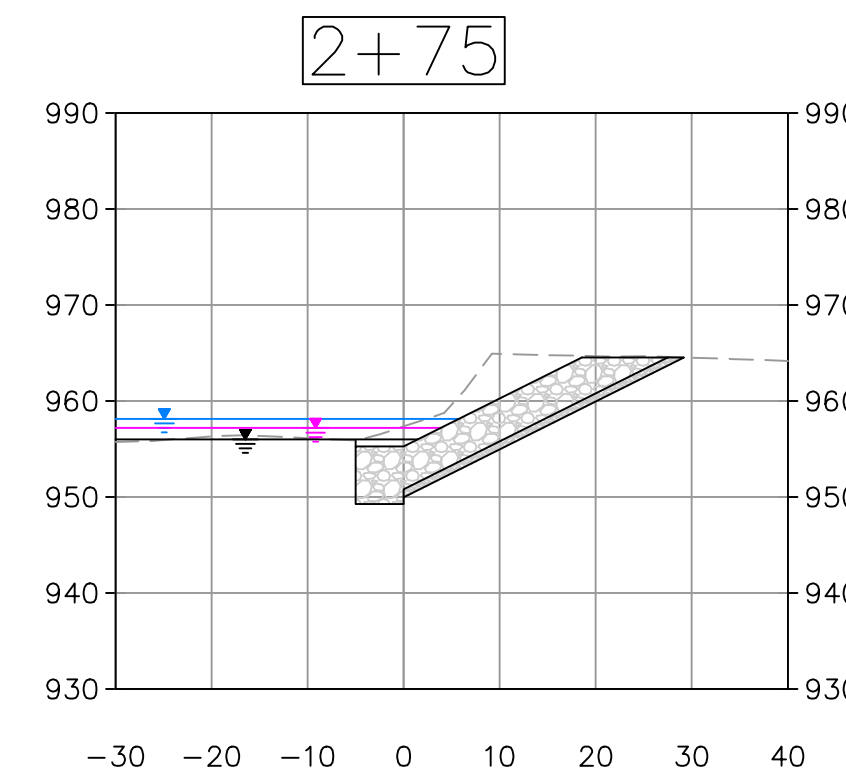
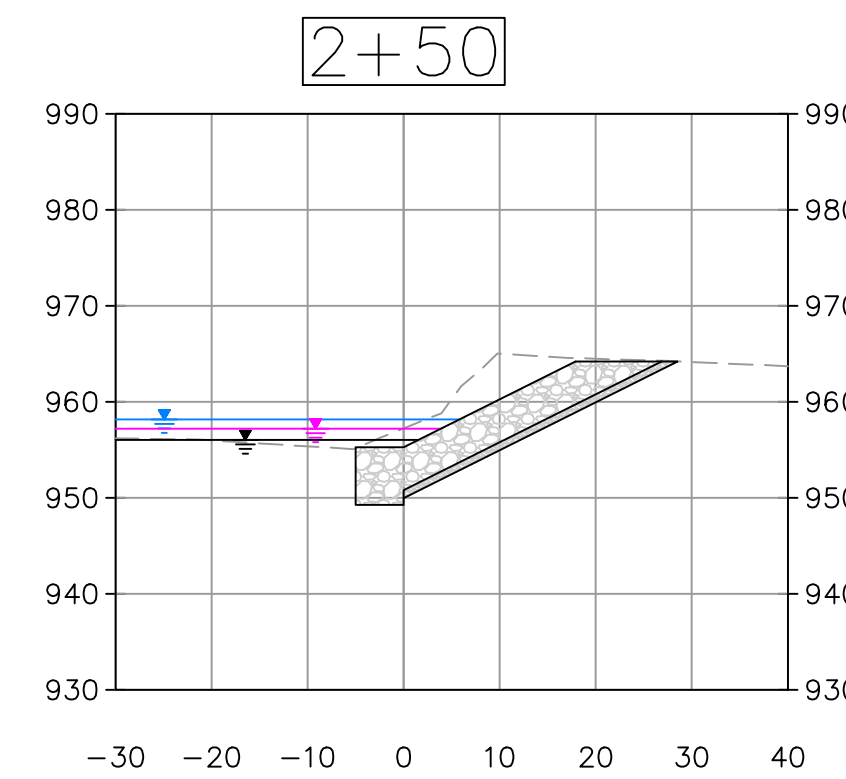
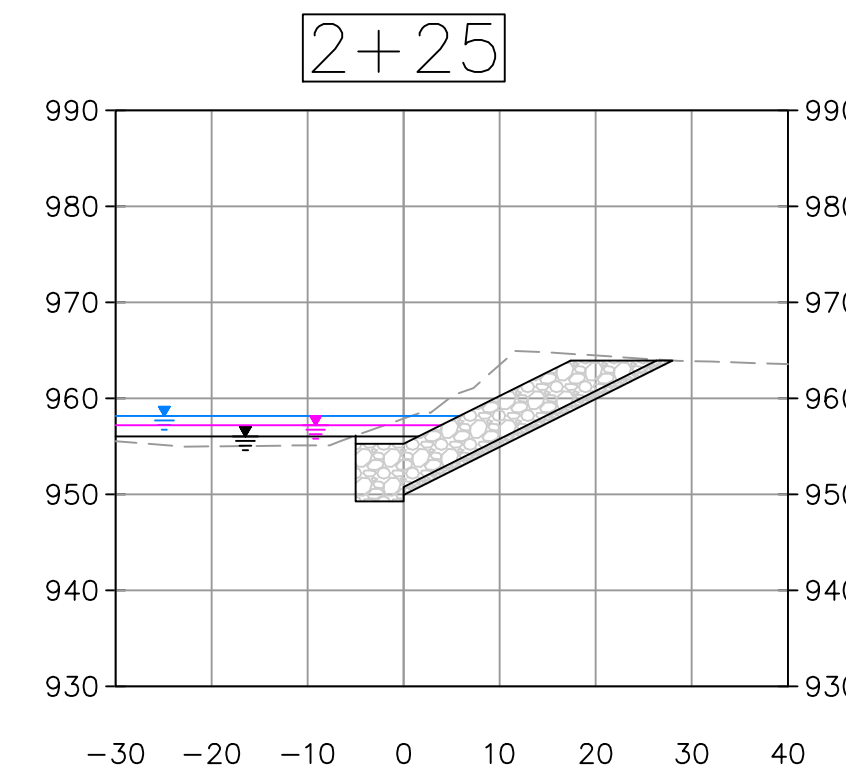
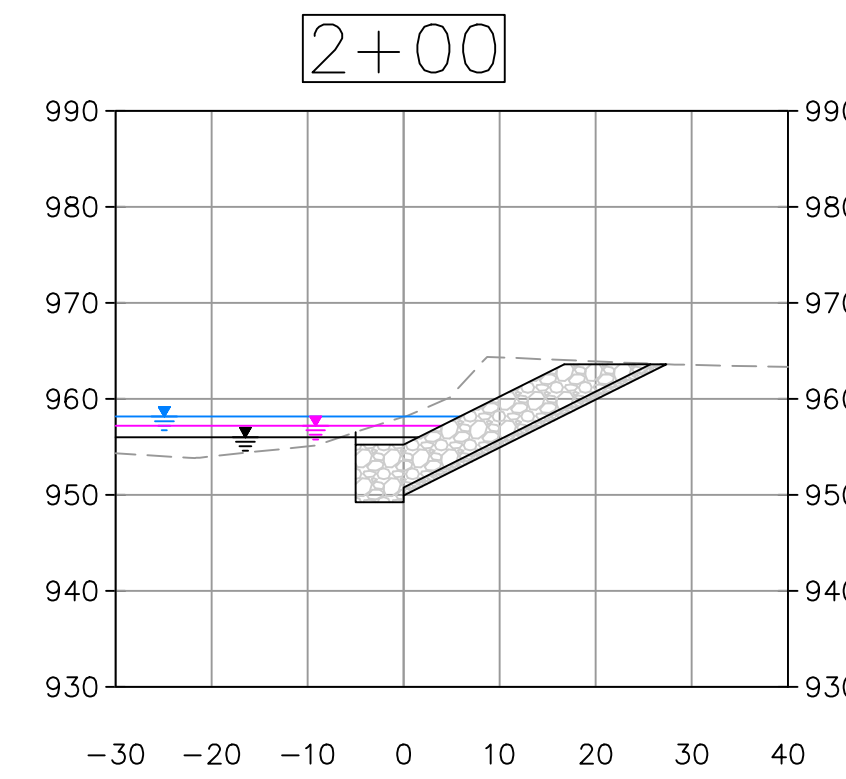
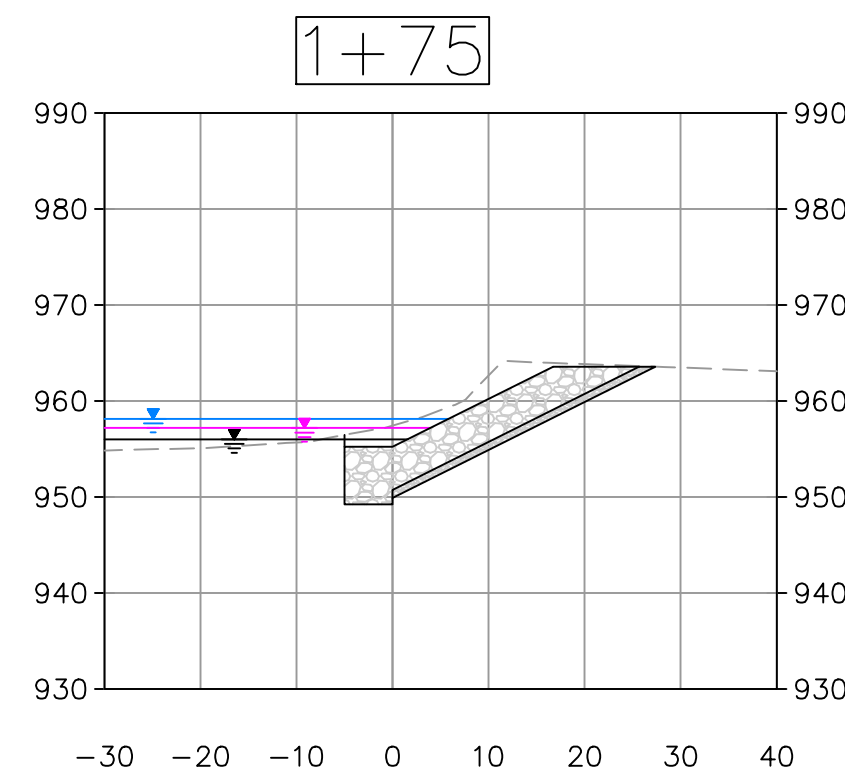
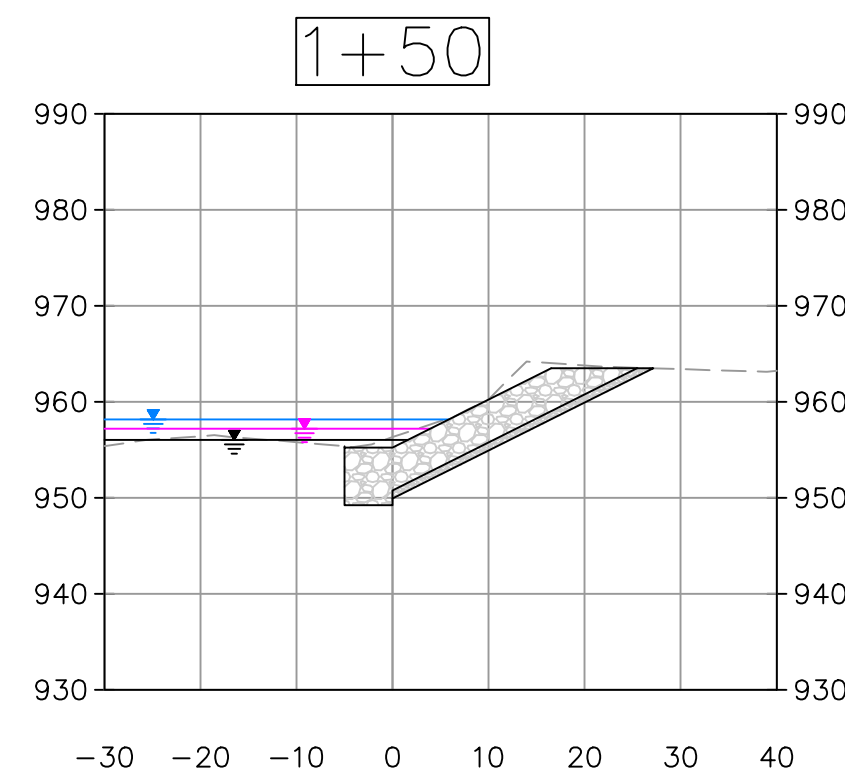
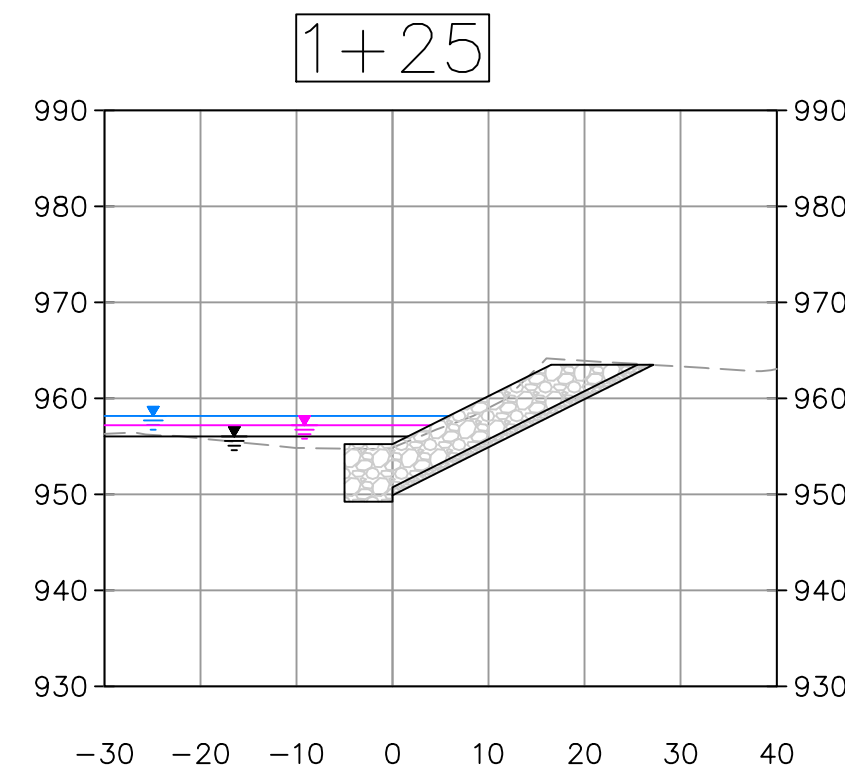
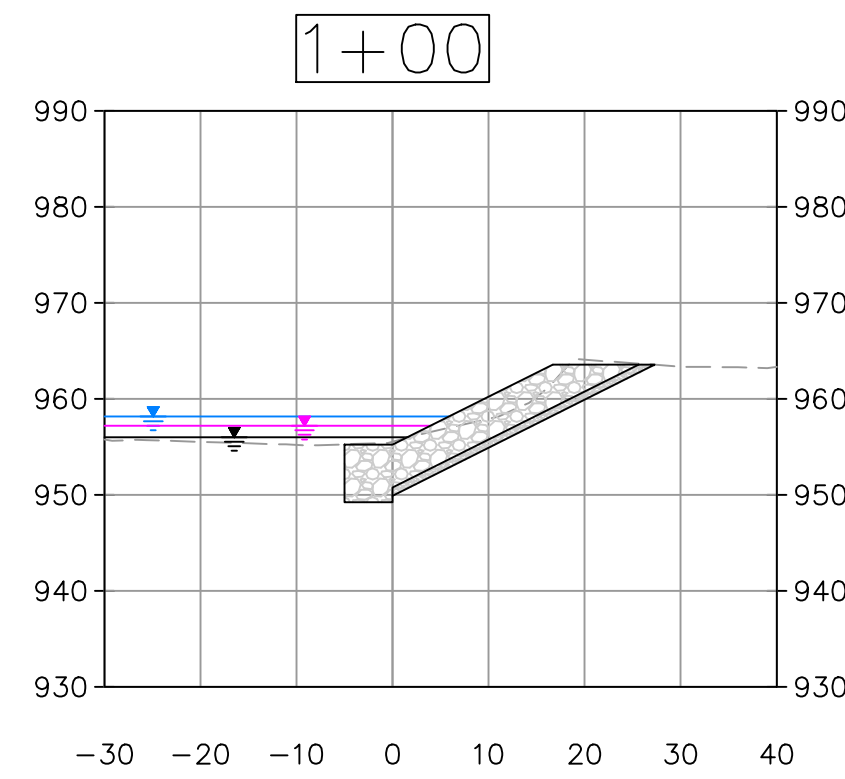
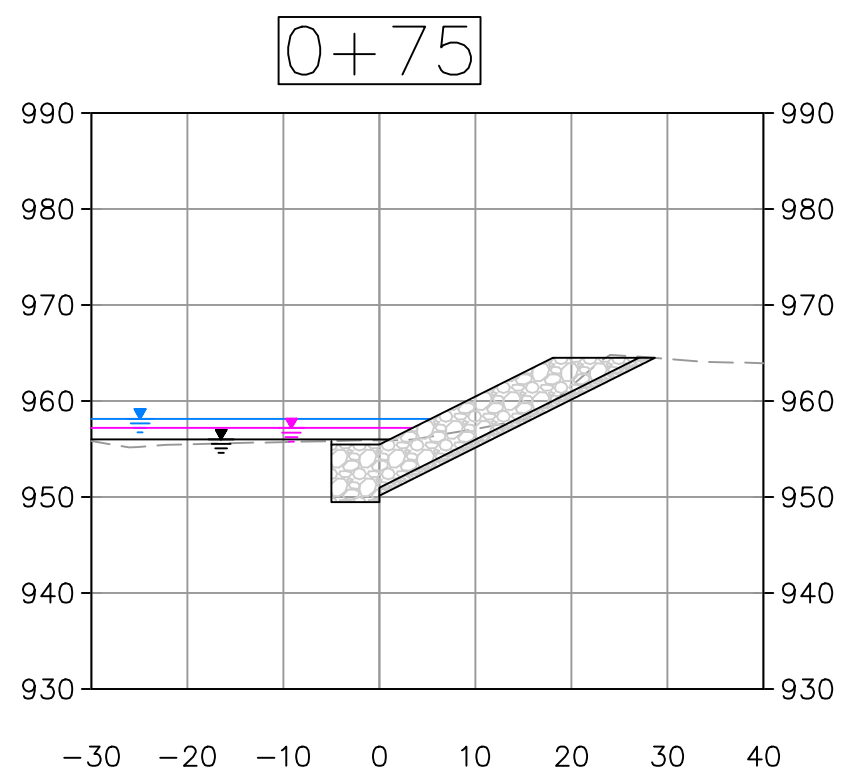
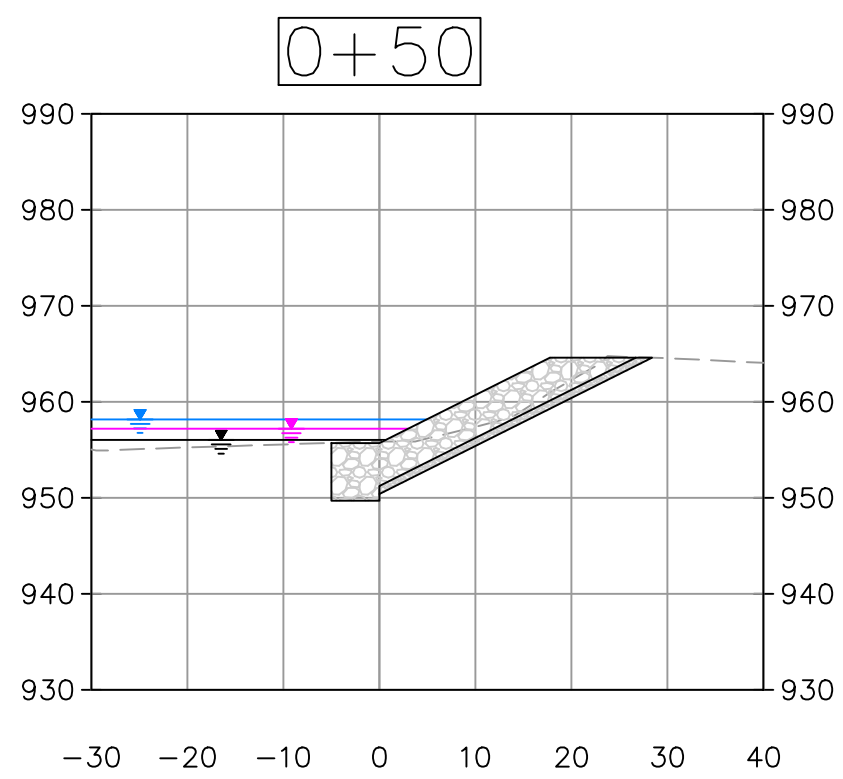
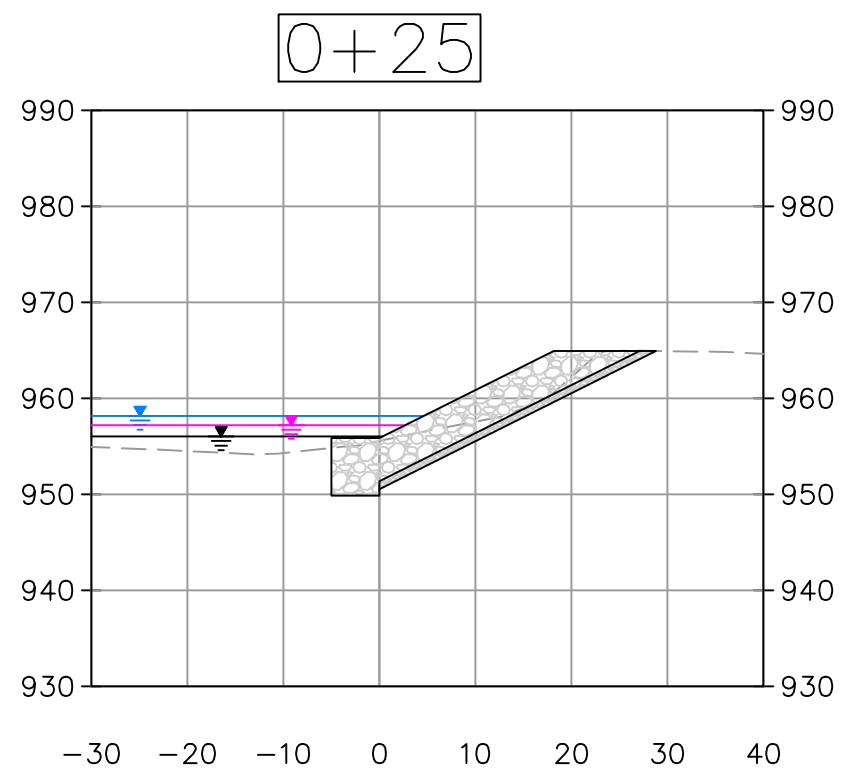
DRAWING NUMBER:

C-109

SHEET 11 OF 18



Jun 01, 2026 - 9:24am
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36x24 PLOT SHEET

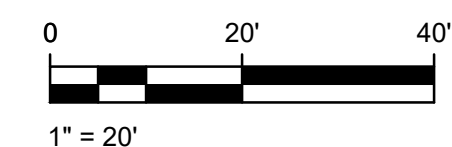


LEGEND:

- EXISTING GRADE
— FINAL GRADE
— ORDINARY HIGH WATER ELEVATION 957.2' (2023)
— OBSERVED WATER ELEVATION 958.16' (OCTOBER 2022)
— LOW WATER ELEVATION 956.00' (AUGUST 2022)
REVETMENT STONE
BEDDING MATERIAL

NOTES:

- ALL SLOPES CUT/CREATED TO 1V:2H.
- ALL SECTIONS TAKEN LOOKING UPSTREAM.



CONSULTANT

AECOM

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Buffalo, New York 14202
CERTIFICATE OF AUTHORIZATION #: 021205

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

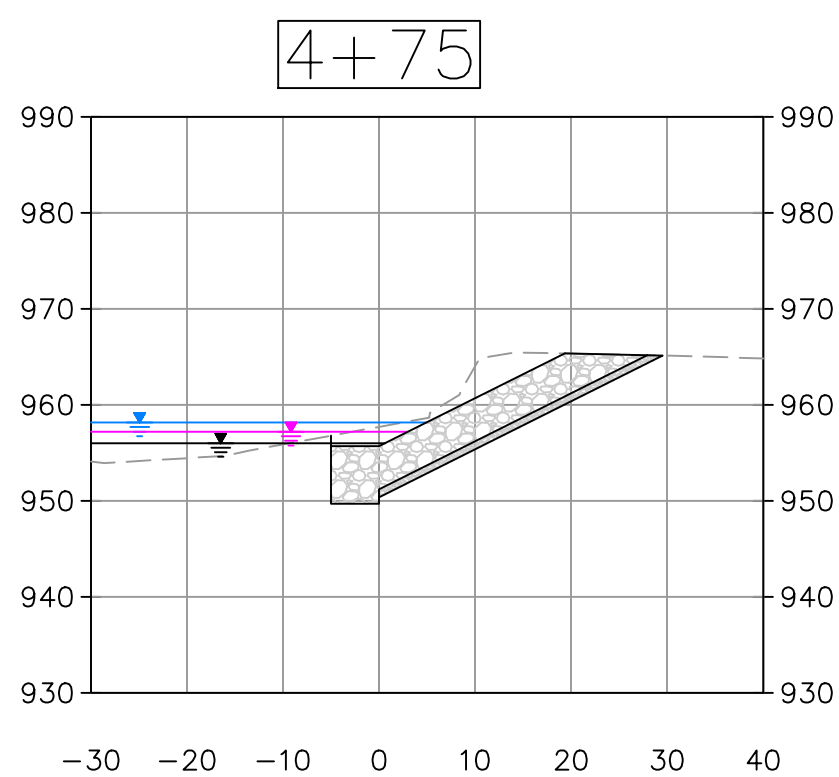
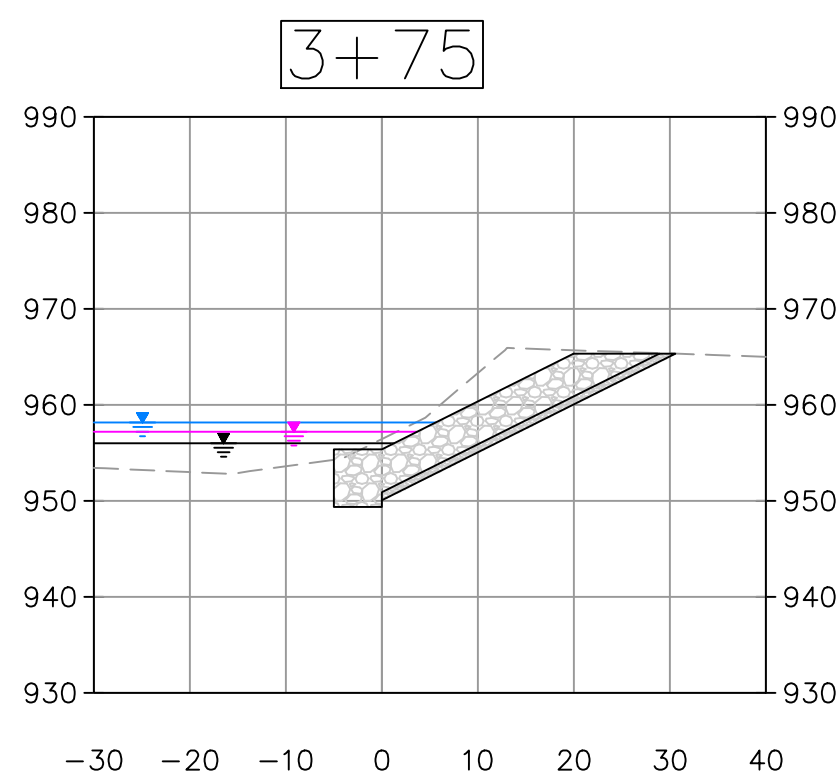
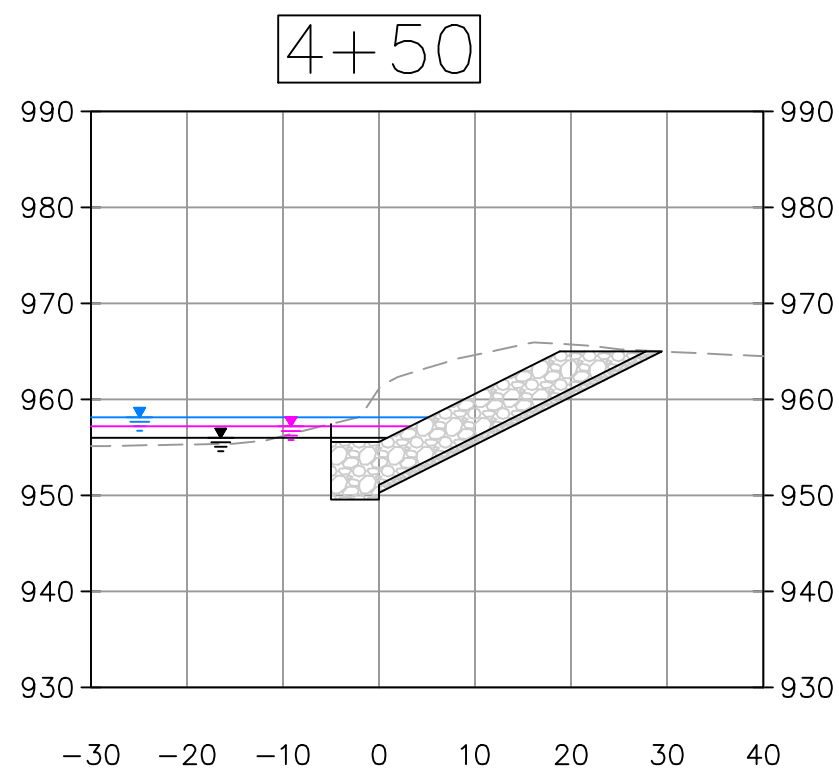
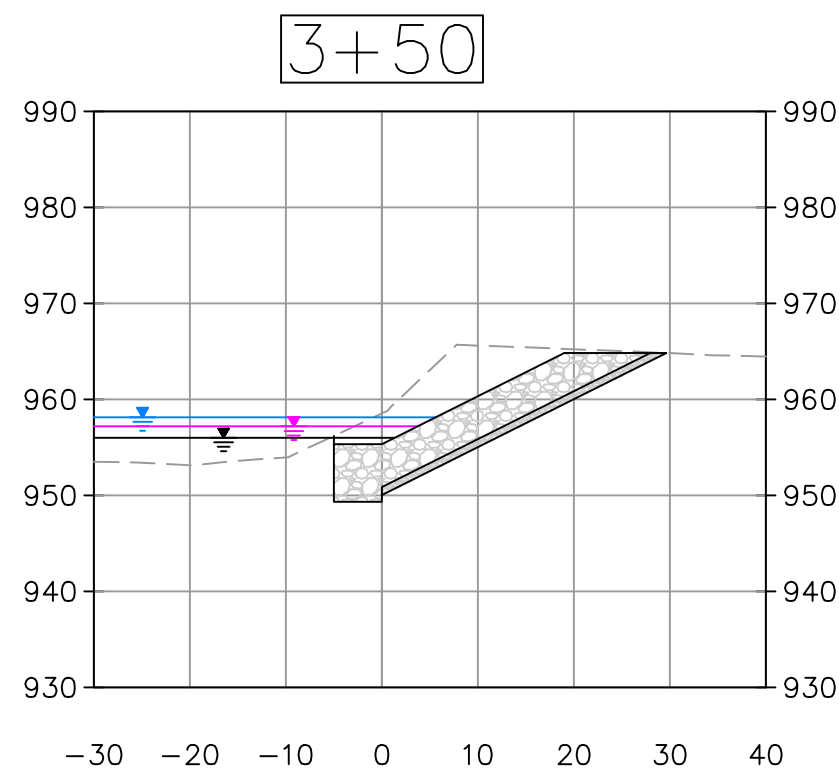
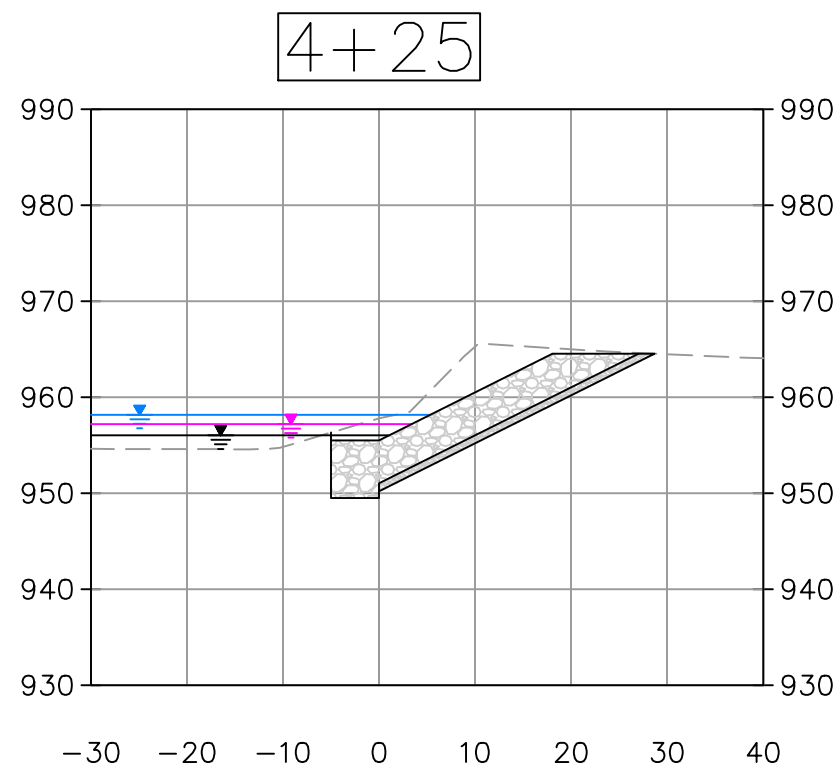
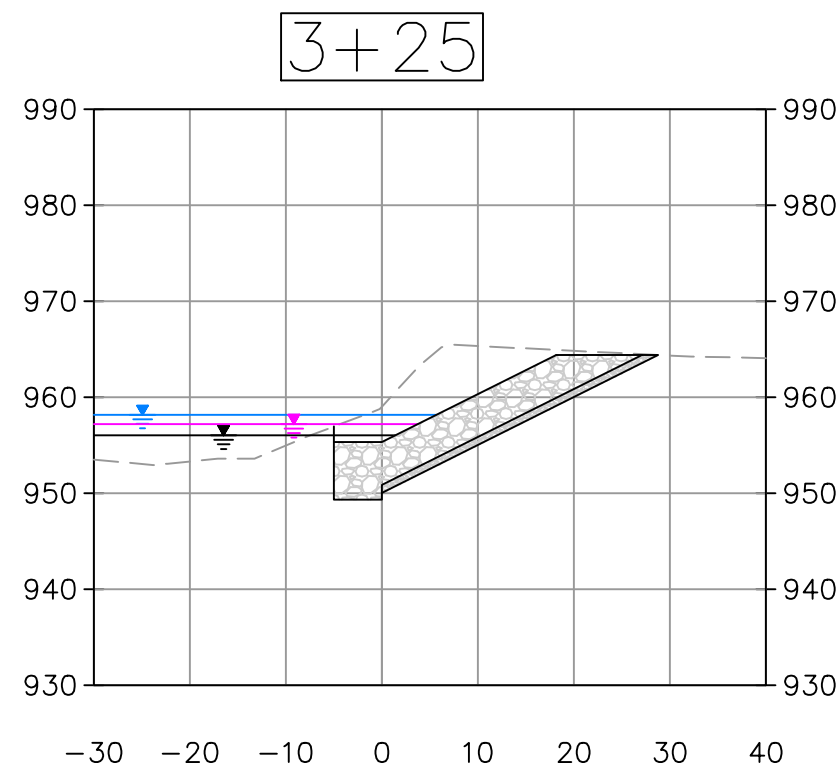
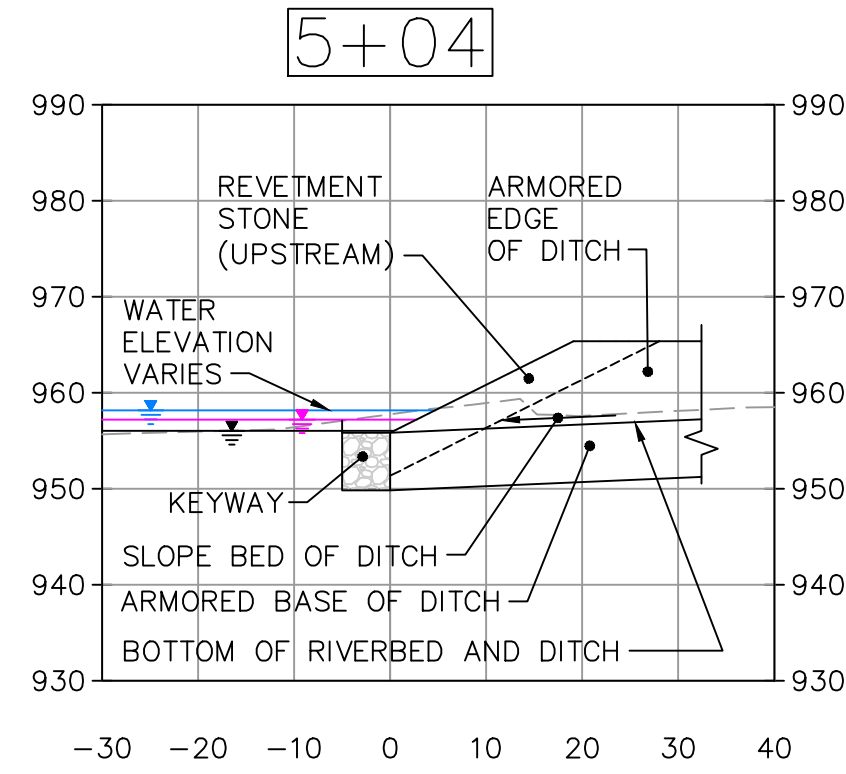
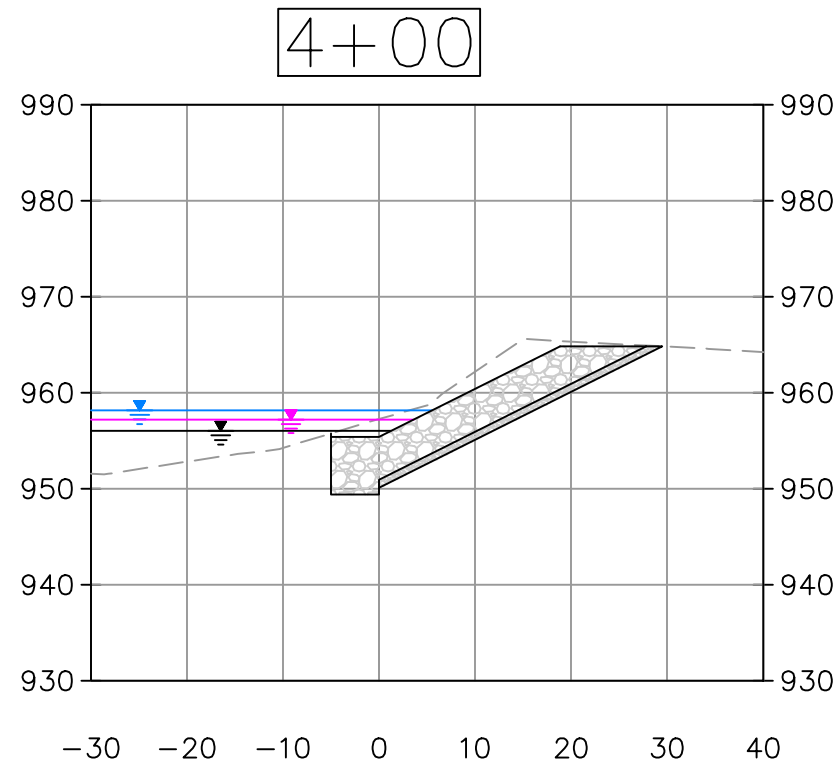
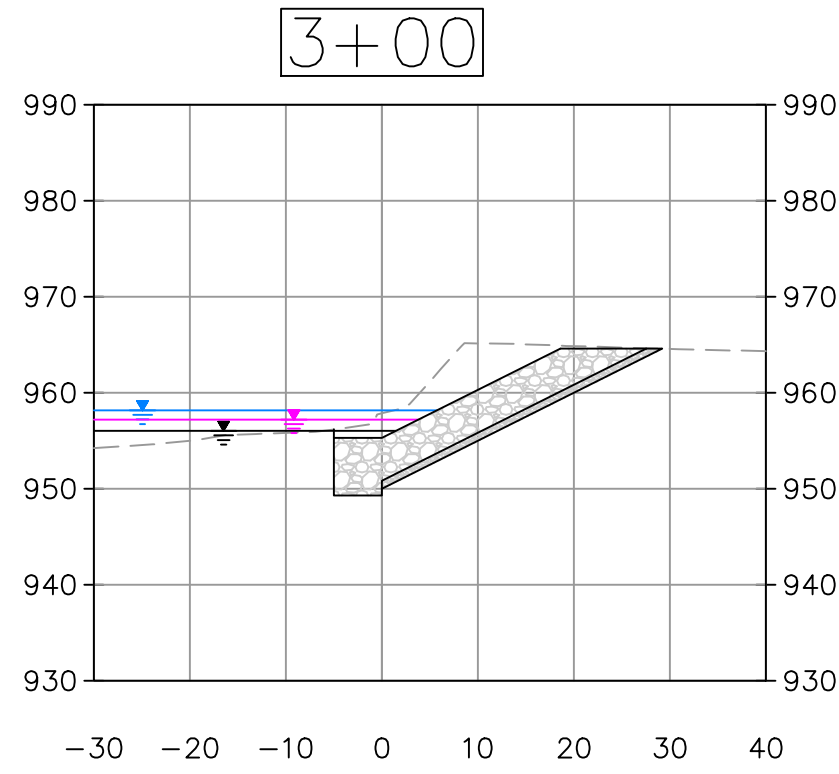
SHEET TITLE:

SOUTH REVETMENT
SECTIONS
SHEET 1 OF 2

DRAWING NUMBER:

C-110

Jun 01,2026 - 9:25am
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36x24 PLOT SHEET

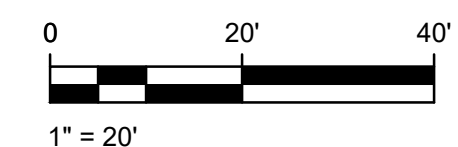


LEGEND:

- EXISTING GRADE
- FINAL GRADE
- ORDINARY HIGH WATER ELEVATION 957.2' (2023)
- OBSERVED WATER ELEVATION 958.16' (OCTOBER 2022)
- LOW WATER ELEVATION 956.00' (AUGUST 2022)
- REVTMENT STONE
- BEDDING MATERIAL

NOTES:

- ALL SLOPES CUT/CREATED TO 1V:2H.
- ALL SECTIONS TAKEN LOOKING UPSTREAM.



CONSULTANT

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Buffalo, New York 14202

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Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

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MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

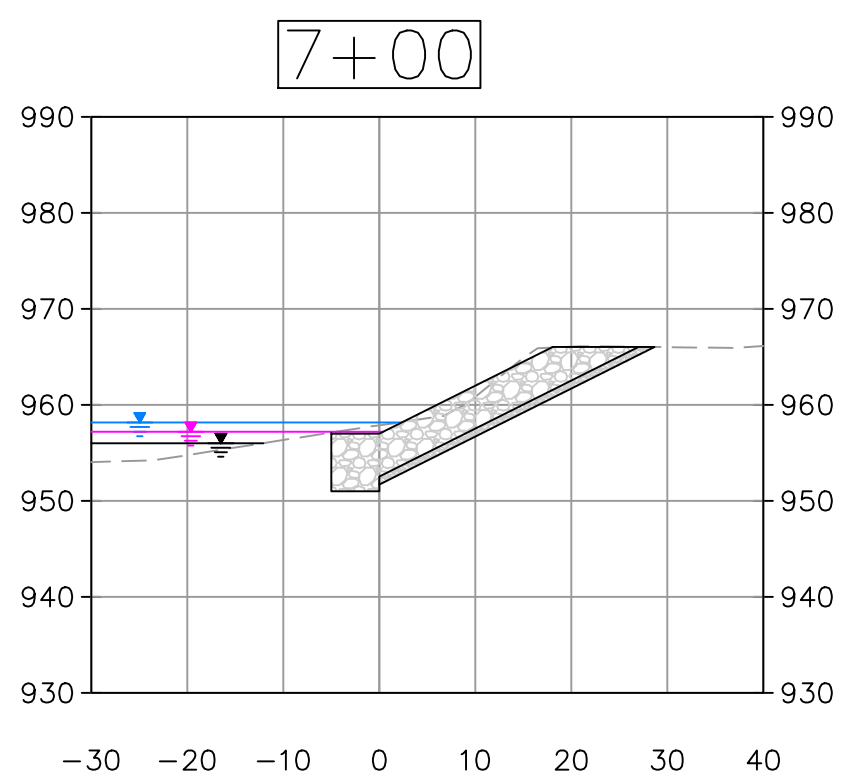
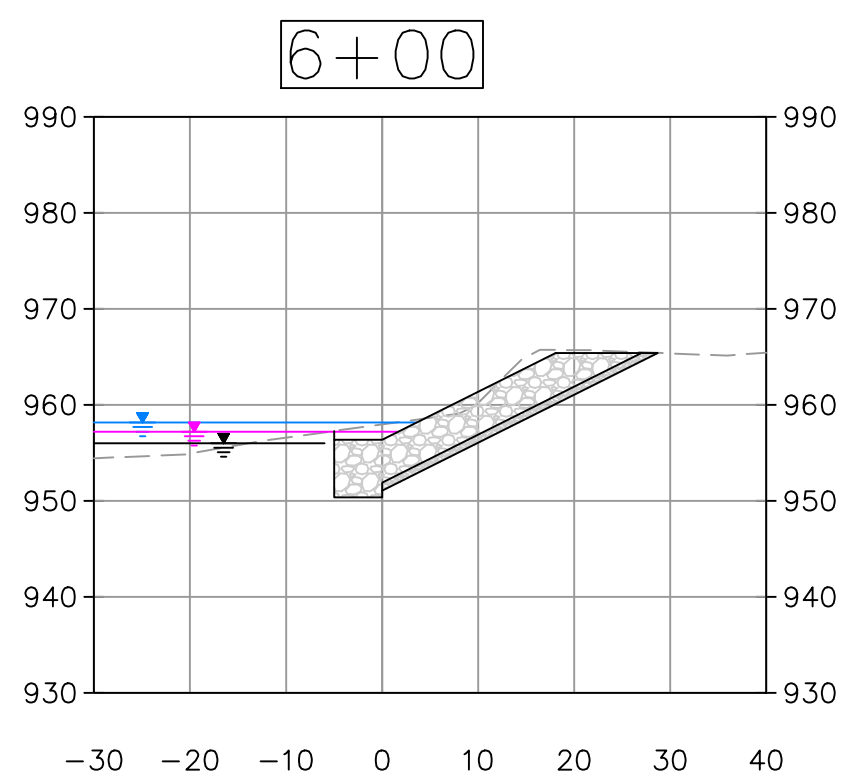
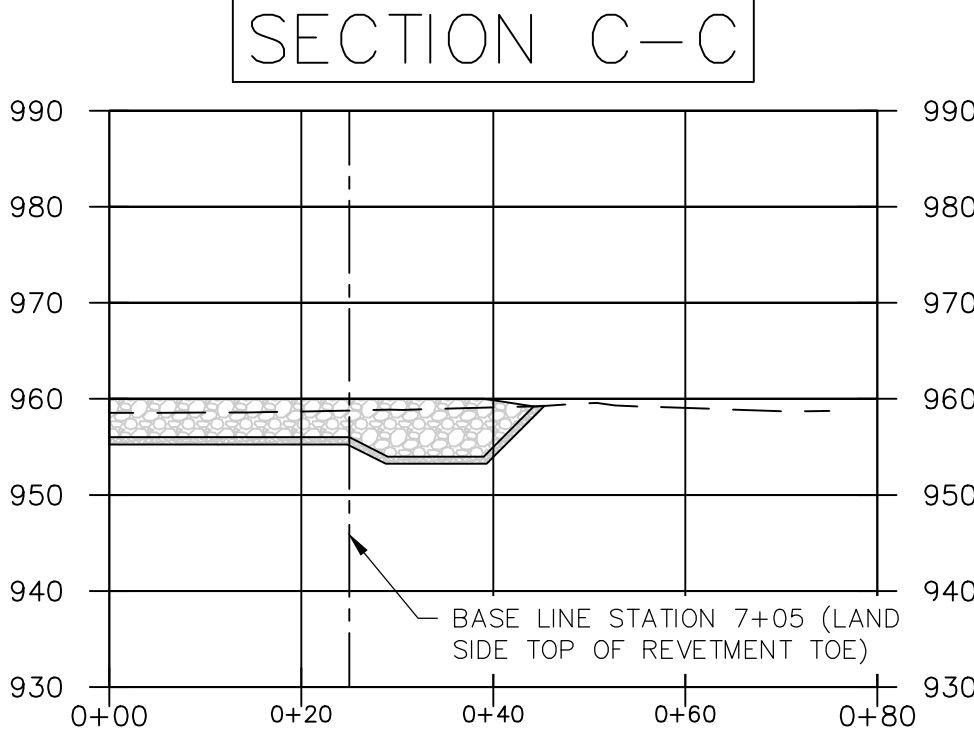
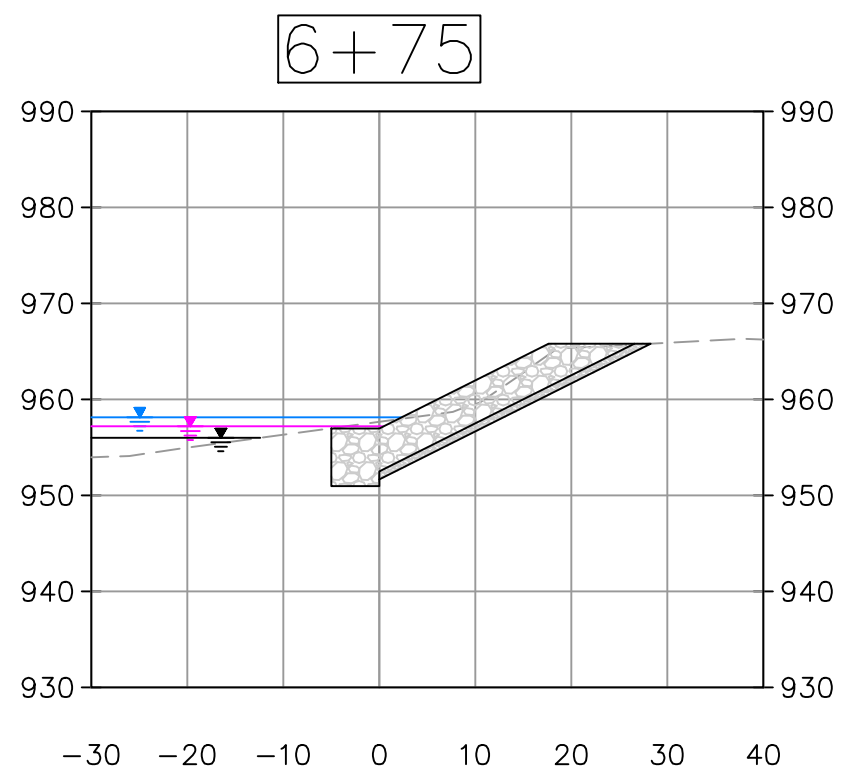
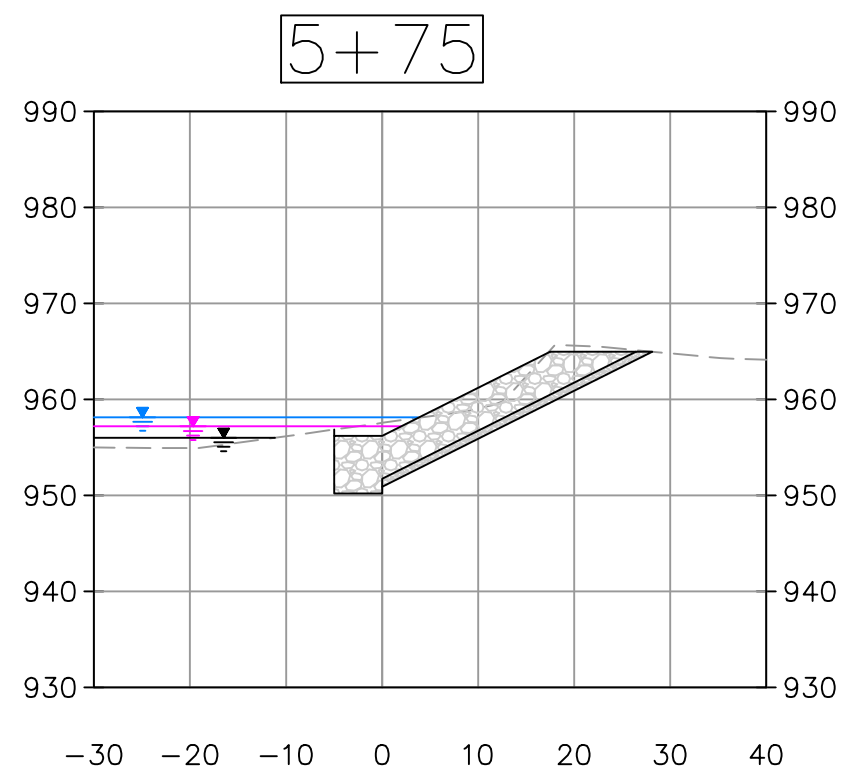
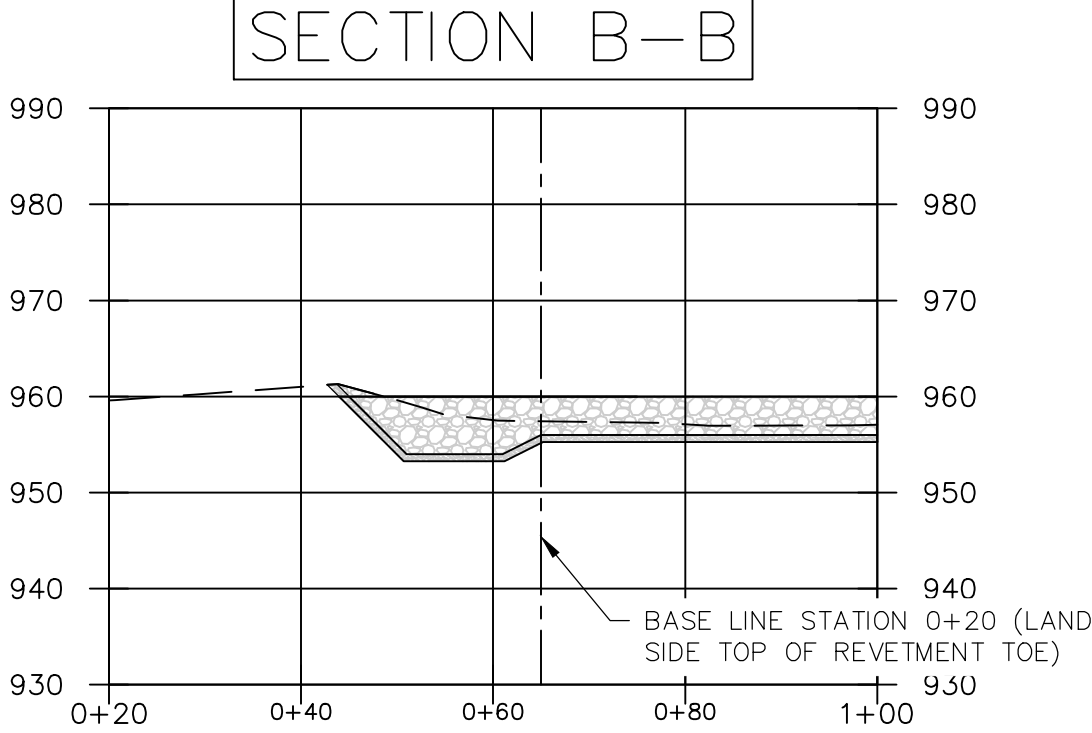
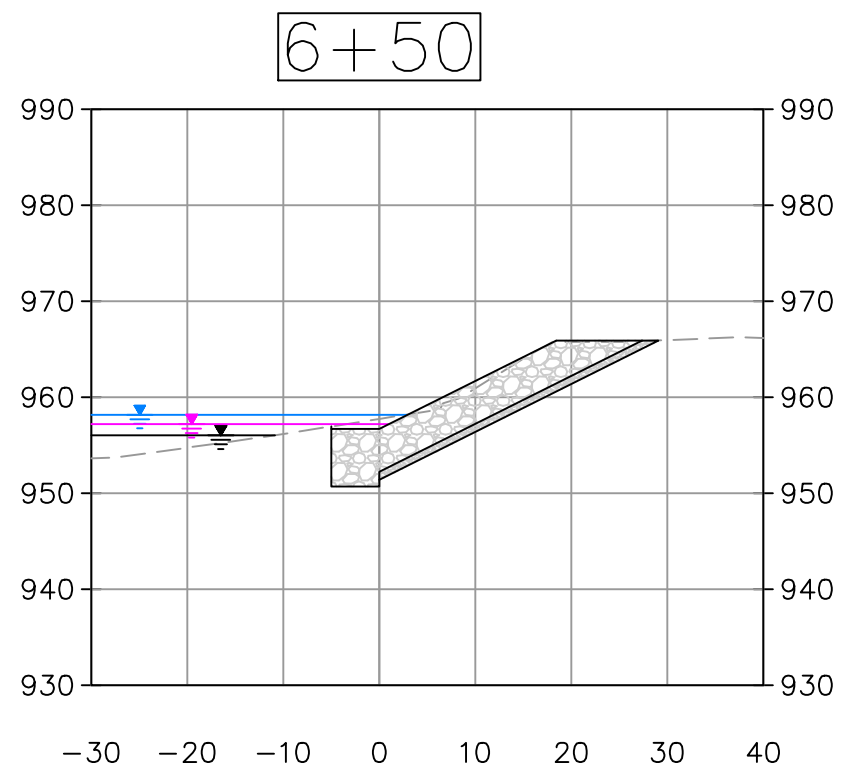
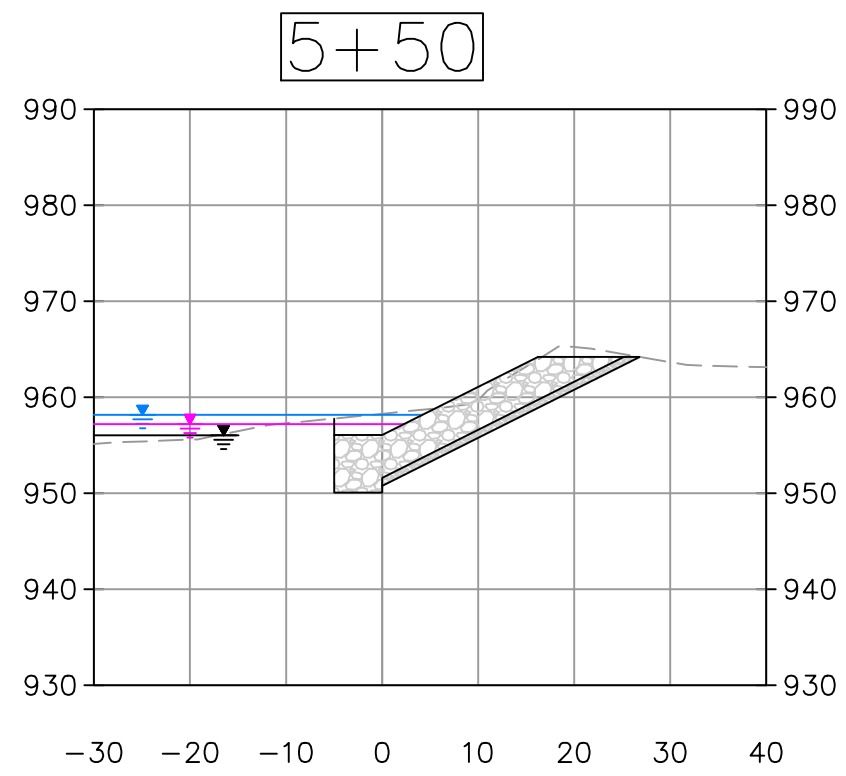
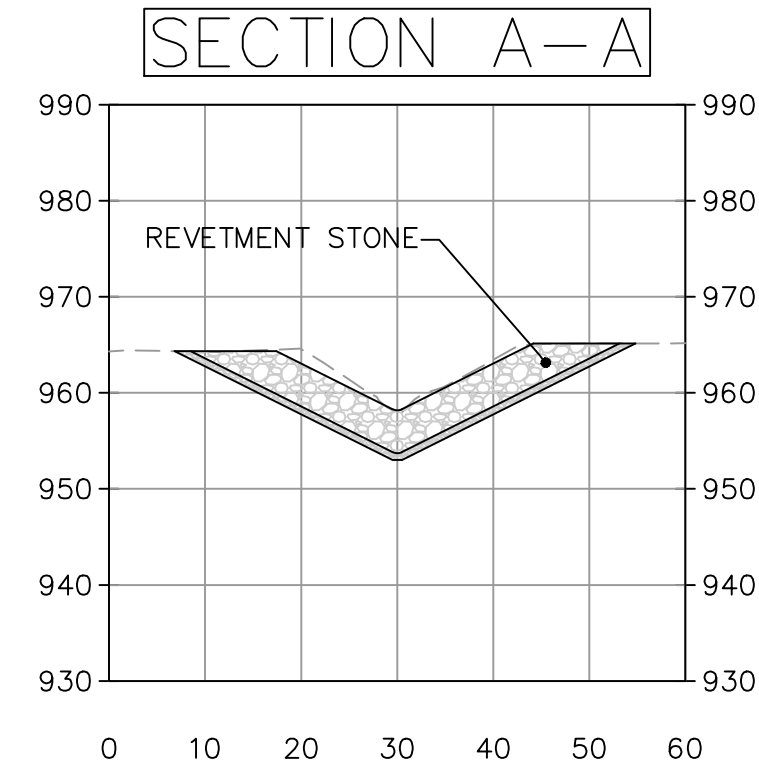
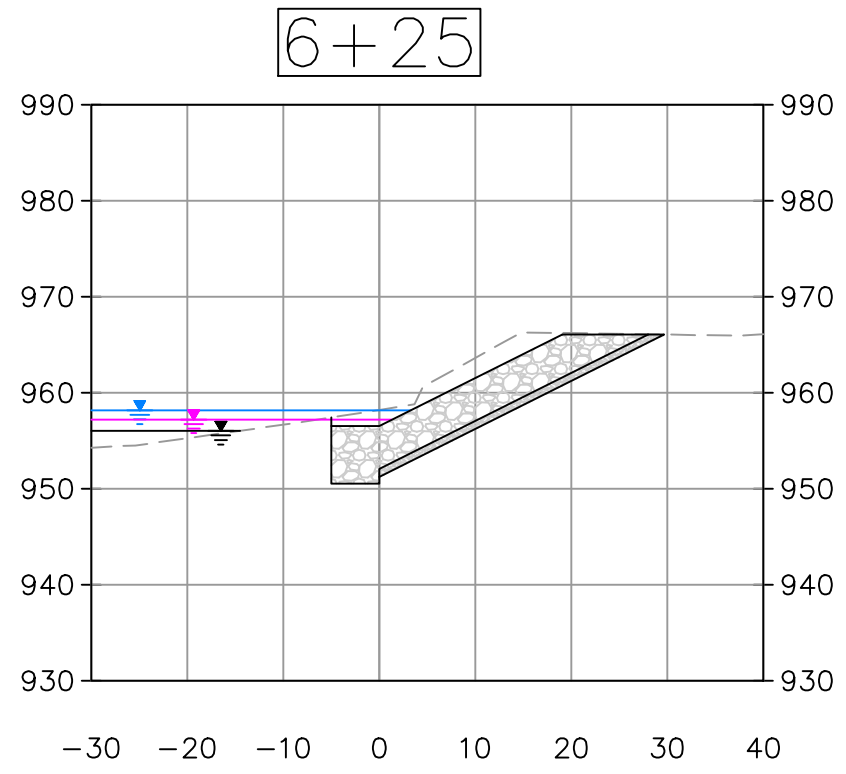
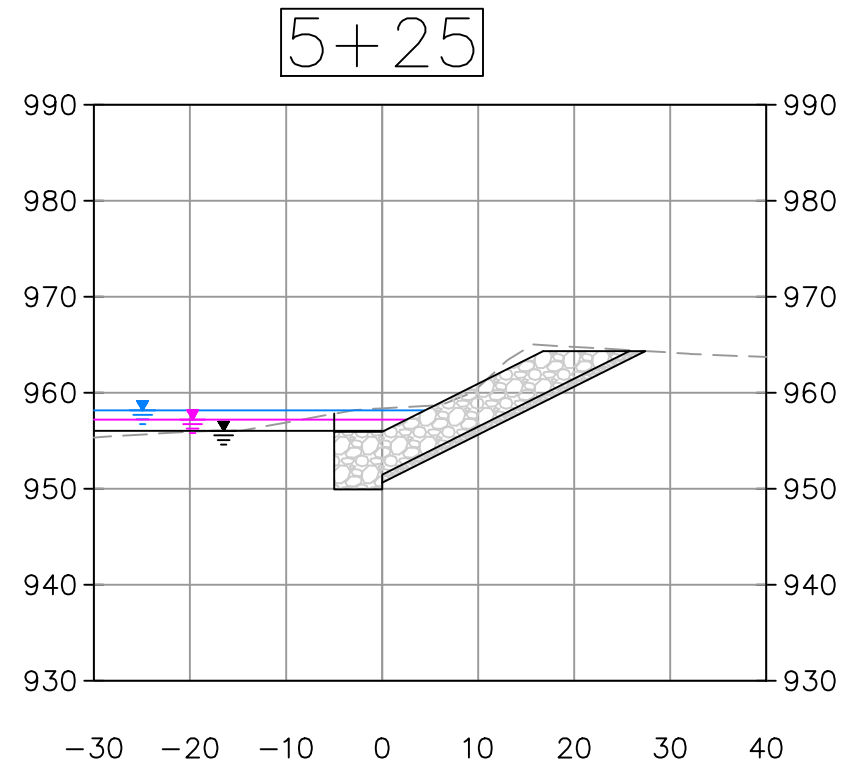
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SOUTH REVTMENT
SECTIONS
SHEET 2 OF 2

DRAWING NUMBER:

C-111

Jun 01, 2026 - 9:27am
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36x24 PLOT SHEET



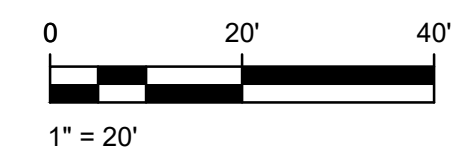
LEGEND:

- EXISTING GRADE
- FINAL GRADE
- ORDINARY HIGH WATER ELEVATION 957.2' (2023)
- OBSERVED WATER ELEVATION 958.16' (OCTOBER 2022)
- LOW WATER ELEVATION 956.00' (AUGUST 2022)

- REVTMENT STONE
- BEDDING MATERIAL

NOTES:

- ALL SLOPES CUT/CREATED TO 1V:2H.
- ALL SECTIONS TAKEN LOOKING UPSTREAM.



CONSULTANT

AECOM

AECOM
50 Lakefront Blvd., Suite 111
Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

WARNING:

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

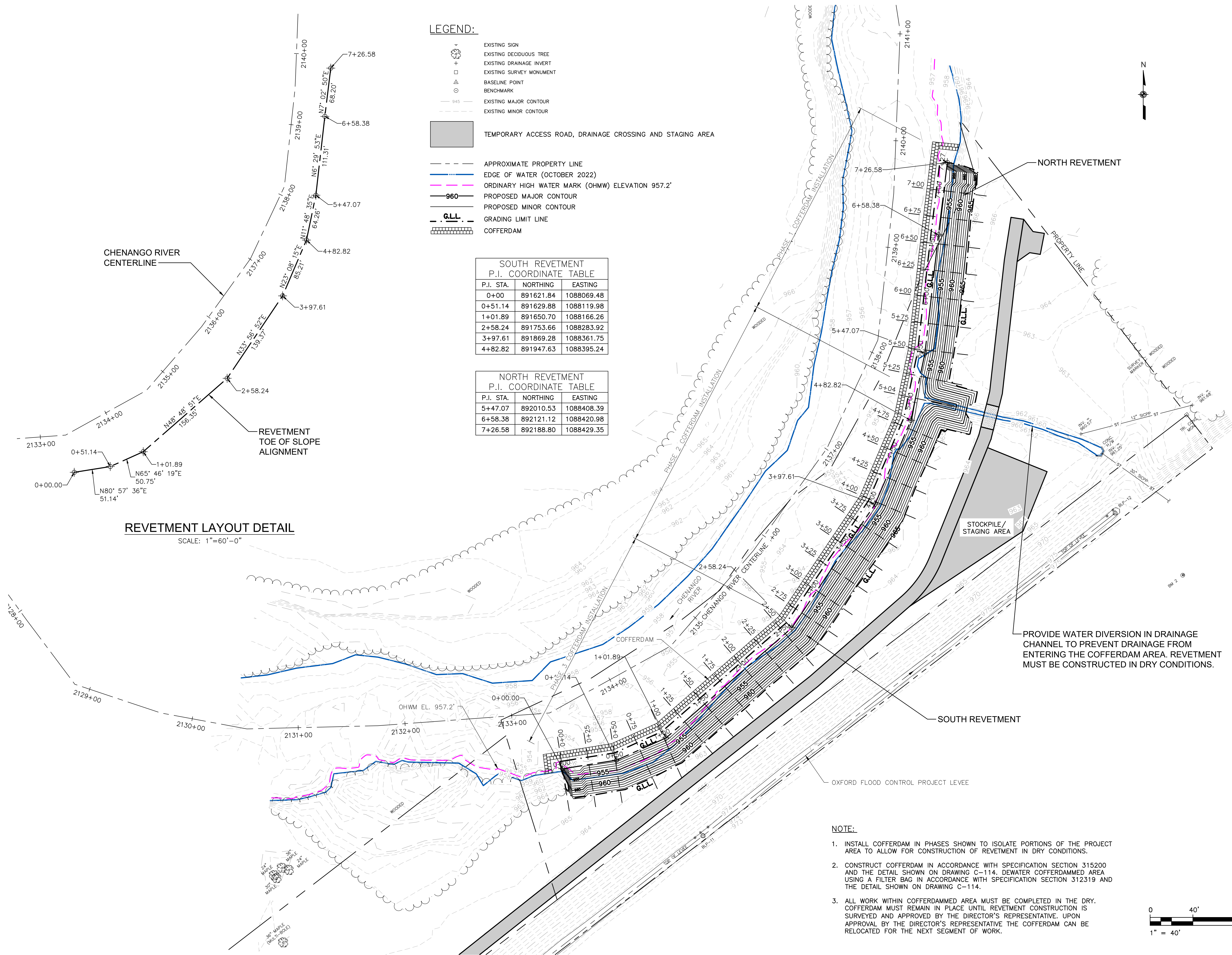
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NORTH REVTMENT SECTIONS

DRAWING NUMBER:

C-112

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36x24 PLOT SHEET



CHENANGO RIVER
CENTERLINE

REVETMENT LAYOUT DETAIL

SCALE: 1"=60'-0"

REVETMENT
TOE OF SLOPE
ALIGNMENT

LEGEND:

- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING DRAINAGE INVERT
- EXISTING SURVEY MONUMENT
- BASLINE POINT
- BENCHMARK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- TEMPORARY ACCESS ROAD, DRAINAGE CROSSING AND STAGING AREA
- APPROXIMATE PROPERTY LINE
- EDGE OF WATER (OCTOBER 2022)
- ORDINARY HIGH WATER MARK (OHMW) ELEVATION 957.2'
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- GRADING LIMIT LINE
- COFFERDAM

SOUTH REVETMENT
P.I. COORDINATE TABLE

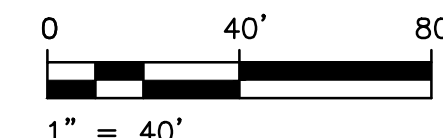
P.I. STA.	NORTHING	EASTING
0+00	891621.84	1088069.48
0+51.14	891629.88	1088119.98
1+01.89	891650.70	1088166.26
2+58.24	891753.66	1088283.92
3+97.61	891869.28	1088361.75
4+82.82	891947.63	1088395.24

NORTH REVETMENT
P.I. COORDINATE TABLE

P.I. STA.	NORTHING	EASTING
5+47.07	892010.53	1088408.39
6+58.38	892121.12	1088420.98
7+26.58	892188.80	1088429.35

NOTE:

1. INSTALL COFFERDAM IN PHASES SHOWN TO ISOLATE PORTIONS OF THE PROJECT AREA TO ALLOW FOR CONSTRUCTION OF REVETMENT IN DRY CONDITIONS.
2. CONSTRUCT COFFERDAM IN ACCORDANCE WITH SPECIFICATION SECTION 315200 AND THE DETAIL SHOWN ON DRAWING C-114. DEWATER COFFERDAMMED AREA USING A FILTER BAG IN ACCORDANCE WITH SPECIFICATION SECTION 312319 AND THE DETAIL SHOWN ON DRAWING C-114.
3. ALL WORK WITHIN COFFERDAMMED AREA MUST BE COMPLETED IN THE DRY. COFFERDAM MUST REMAIN IN PLACE UNTIL REVETMENT CONSTRUCTION IS SURVEYED AND APPROVED BY THE DIRECTOR'S REPRESENTATIVE. UPON APPROVAL BY THE DIRECTOR'S REPRESENTATIVE THE COFFERDAM CAN BE RELOCATED FOR THE NEXT SEGMENT OF WORK.



CONSULTANT

AECOM

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Buffalo, New York 14202

CERTIFICATE OF AUTHORIZATION #: 021205

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE: OXFORD BANK
STABILIZATION PROJECT

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

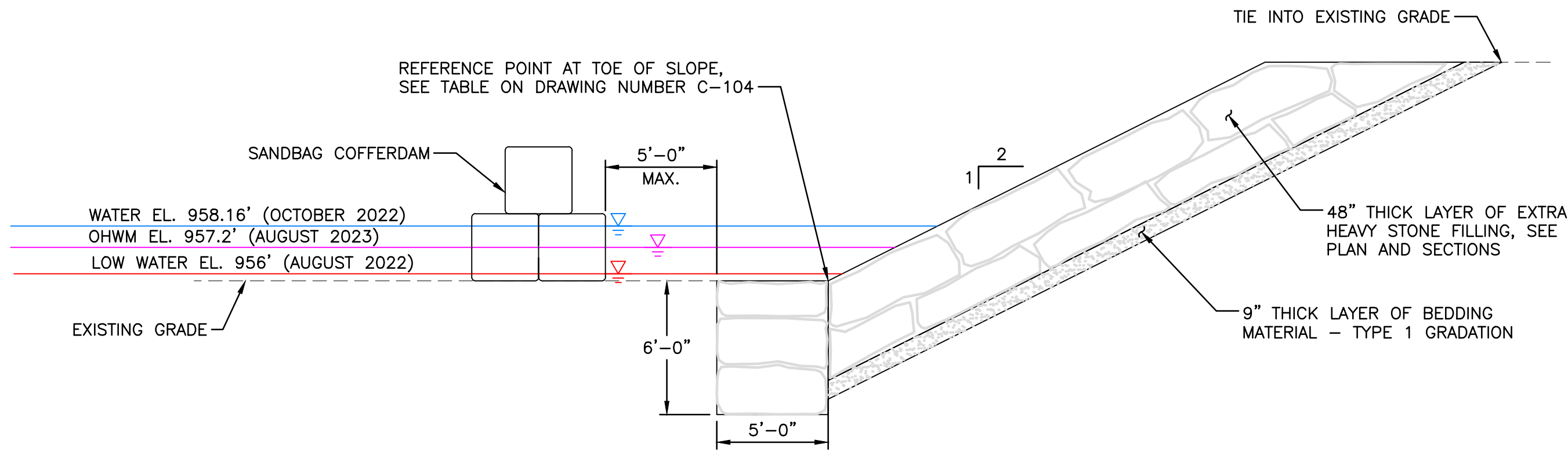
SHEET TITLE:

COFFERDAM INSTALLATION
SEQUENCING PLAN

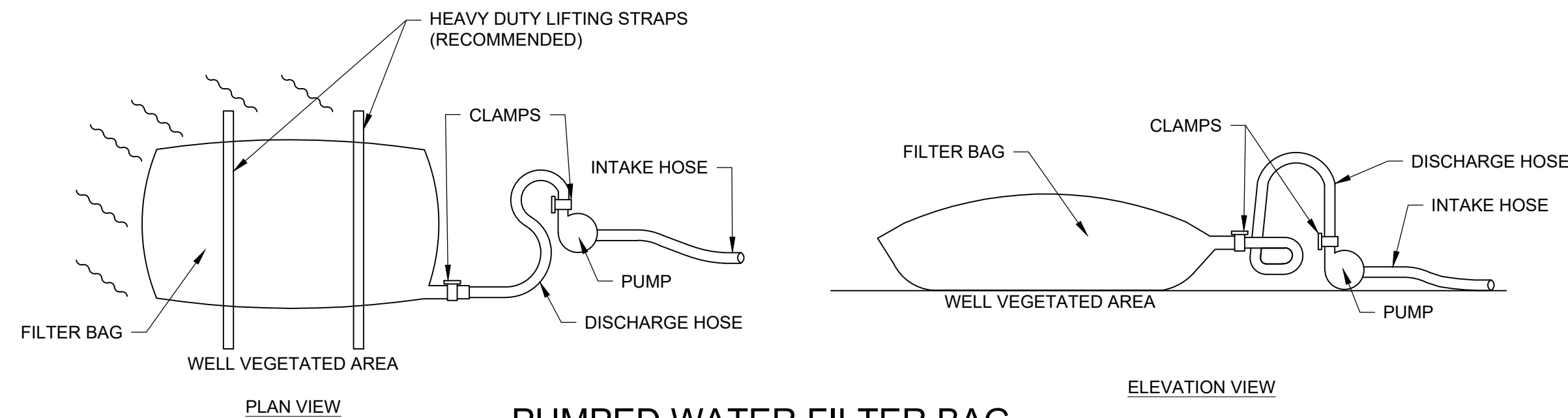
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C-113

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36x24 PLOT SHEET



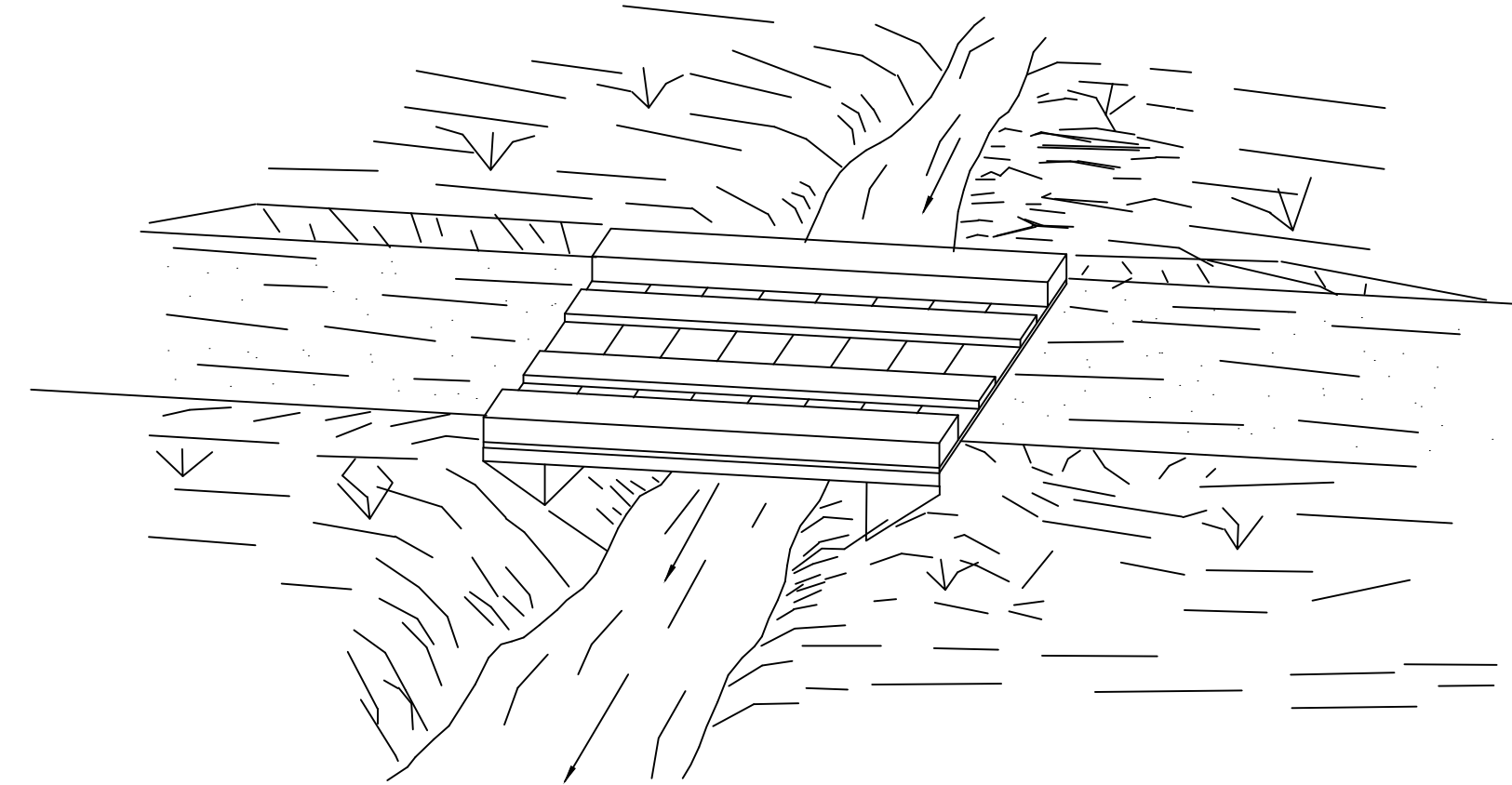
TYPICAL REVETMENT SECTION
SCALE: 1"=5'-0"



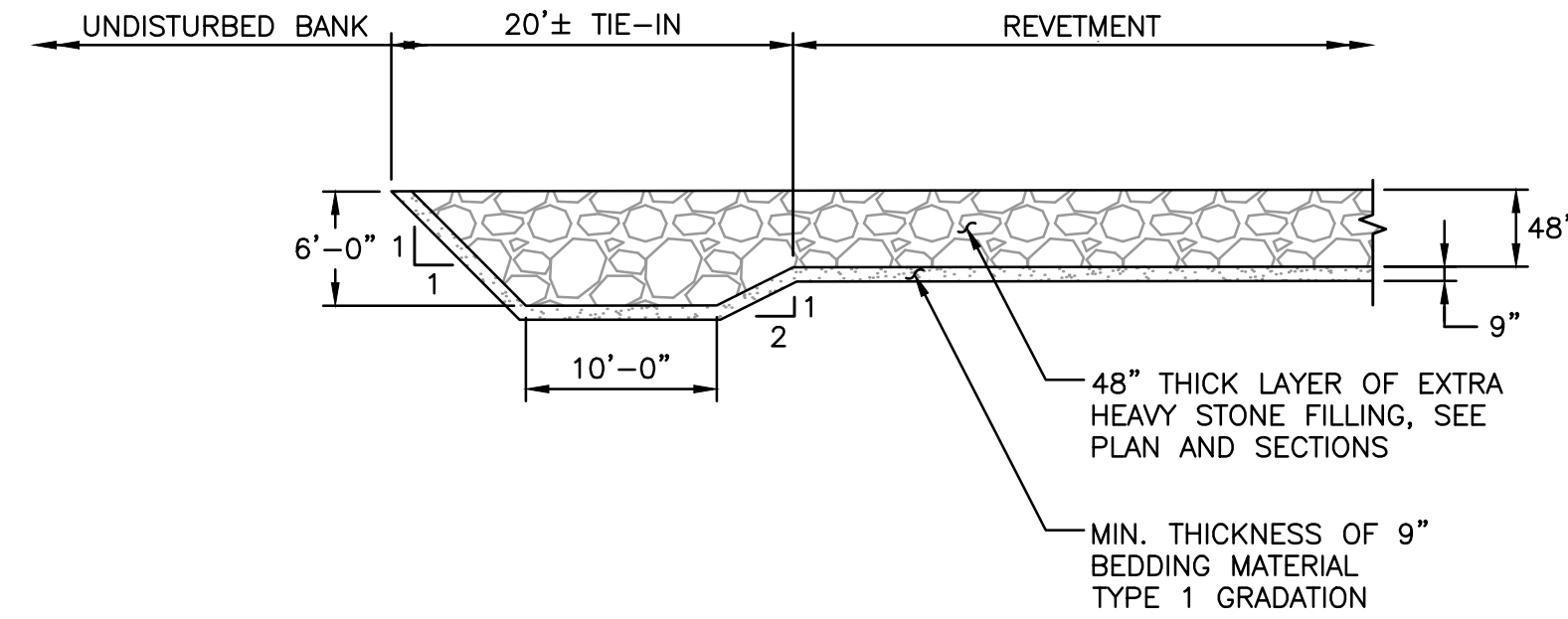
PUMPED WATER FILTER BAG
NTS

PUMPED WATER FILTER BAG NOTES:

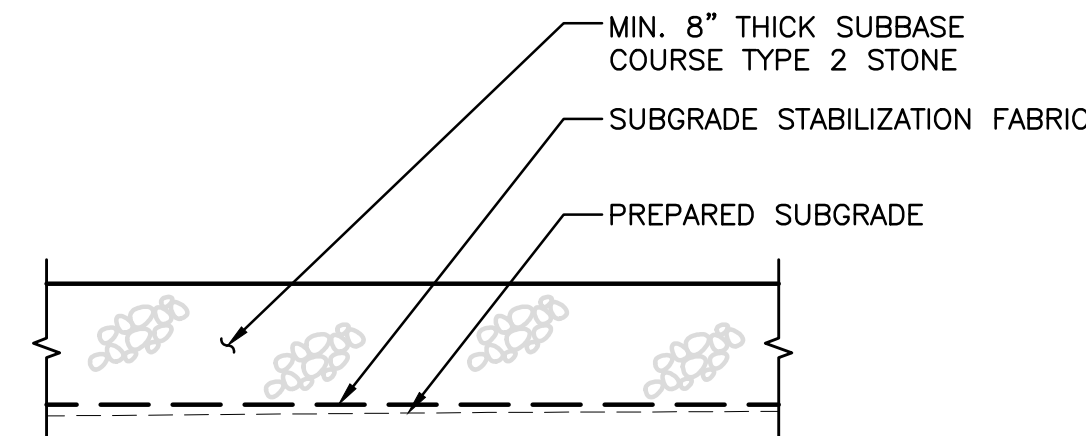
1. FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS.
2. A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES MUST BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME HALF FULL. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED.
3. BAGS SHALL BE PLACED SUCH THAT THEY DISCHARGE INTO THE RIVER, AND ON STABLE, EROSION-RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE FLOW PATH SHALL BE PROVIDED. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%.
4. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED.
5. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GALLONS PER MINUTE (GPM) OR $\frac{1}{2}$ THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.
6. THE PUMP SHALL BE PLACED ON A FLAT AND STABLE SURFACE WITH AT LEAST 2 FEET OF CLEARANCE ON ALL SIDES. COORDINATE LOCATION OF THE PUMP WITH THE DIRECTOR'S REPRESENTATIVE. INSPECT THE PUMP PRIOR TO A RUNOFF PRODUCING STORM EVENT. THE PUMP SHALL BE RELOCATE TO A SECURE UPLAND AREA PRIOR TO THE STORM IF NECESSARY.
7. PUMPED WATER FILTER BAG AND THE PUMP SHALL BE INSPECTED EACH WORKDAY. NECESSARY REPAIRS, REPLACEMENTS, AND MAINTENANCE TO MATERIAL AND EQUIPMENT SHALL BE MADE BASED ON THESE INSPECTIONS.



TEMPORARY ACCESS BRIDGE
N.T.S.



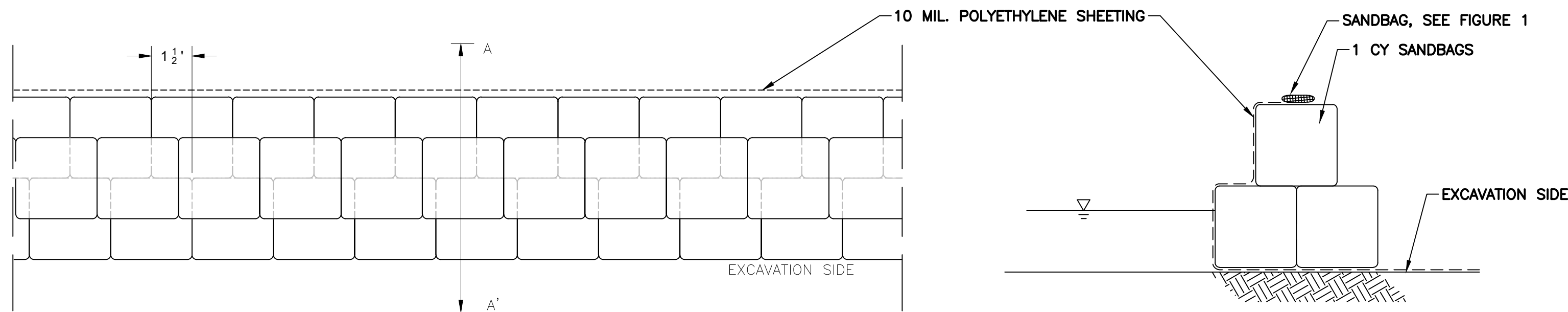
TYPICAL TIE-IN
N.T.S.



NOTE:

REFER TO NOTE 24 ON DRAWING NUMBER G-002. IT IS THE CONTRACTOR RESPONSIBILITY TO ENSURE THAT THE TYPICAL SECTIONS SHOWN IS SUFFICIENT BASED ON CONSTRUCTION LOAD.

TYPICAL ACCESS ROAD/STAGING AREA PAVEMENT
N.T.S.



TYPICAL SANDBAG COFFERDAM NOTES:

1. THIS DETAIL IS A TYPICAL SANDBAG COFFERDAM AND IS PROVIDED TO BE GUIDANCE FOR THE CONTRACTOR.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT PROPOSED COFFERDAM IS SUFFICIENT FOR THE SCOPE OF WORK AND THEIR PREFERRED SEQUENCE OF WORK. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR FOR THE ITEM.
3. TURBIDITY CURTAINS WILL BE INSTALLED AND IN GOOD WORKING ORDER PRIOR TO INSTALLATION AND REMOVAL OF COFFERDAMS.
4. OVERLAP SANDBAGS AS SHOWN IN FIGURE 1, SO THAT THE FILLED PORTION OF ONE BAG LIES ON THE UNFILLED PORTION OF THE PREVIOUS BAG.

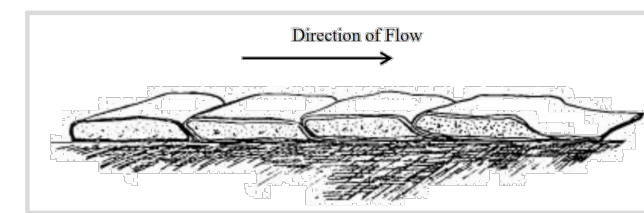
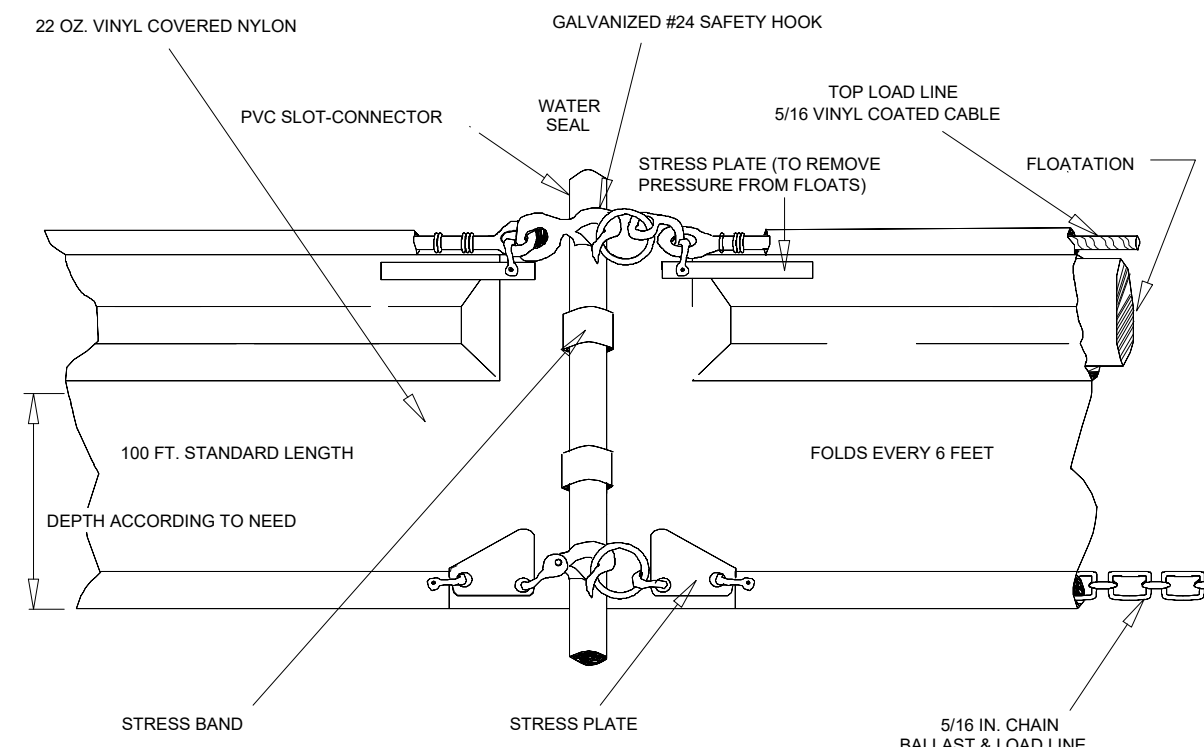


FIGURE 1 - SANDBAG PLACEMENT
NOT TO SCALE

TYPICAL SANDBAG COFFERDAM
NOT TO SCALE



TURBIDITY CURTAIN
NTS

TURBIDITY CURTAIN (TC) NOTES:
VESCH STD & SPEC 3.27

1. CURTAIN SHALL BE INSTALLED SURROUNDING THE COFFERDAM DURING COFFERDAM INSTALLATION, RELOCATION AND REMOVAL.
2. TURBIDITY CURTAIN SHALL BE TYPE II WITH MINIMUM CURTAIN MATERIAL WEIGHT OF 22 OZ. PER SQ. YD.
3. ALL CURTAIN ANCHOR POINTS SHALL HAVE SUFFICIENT HOLDING POWER TO RETAIN THE CURTAIN UNDER THE EXISTING CURRENT CONDITIONS, PRIOR TO PUTTING THE FURLED CURTAIN INTO THE WATER.
4. THE FURLED CURTAIN SHALL BE SECURED TO THE UPSTREAM ANCHOR POINT AND THEN SUBSEQUENTLY ATTACHED TO EACH NEXT DOWNSTREAM ANCHOR POINT UNTIL THE ENTIRE CURTAIN IS IN POSITION.
5. FURLING LINES SHALL NOT BE CUT UNTIL LOCATION IS ASCERTAINED AND INSPECTED.
6. ANCHOR LINES SHALL BE ATTACHED TO THE FLOATATION DEVICE AND NOT TO THE BOTTOM OF THE CURTAIN.
7. THE TURBIDITY CURTAIN SHALL BE WEIGHTED ACROSS THE BOTTOM AND SUSPENDED AT THE TOP BY FLOATS AND POSITIONED TO ENCLOSE AND ISOLATE THE WATER WORK AREA BEFORE COMMENCING ANY IN-WATER WORK.
8. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TO THIS DETAIL. TURBIDITY CURTAIN SUBJECT TO DIRECTOR'S REPRESENTATIVE APPROVAL.

WARNING:

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:
CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:
NEW YORK STATE OFFICE
OF GENERAL SERVICES

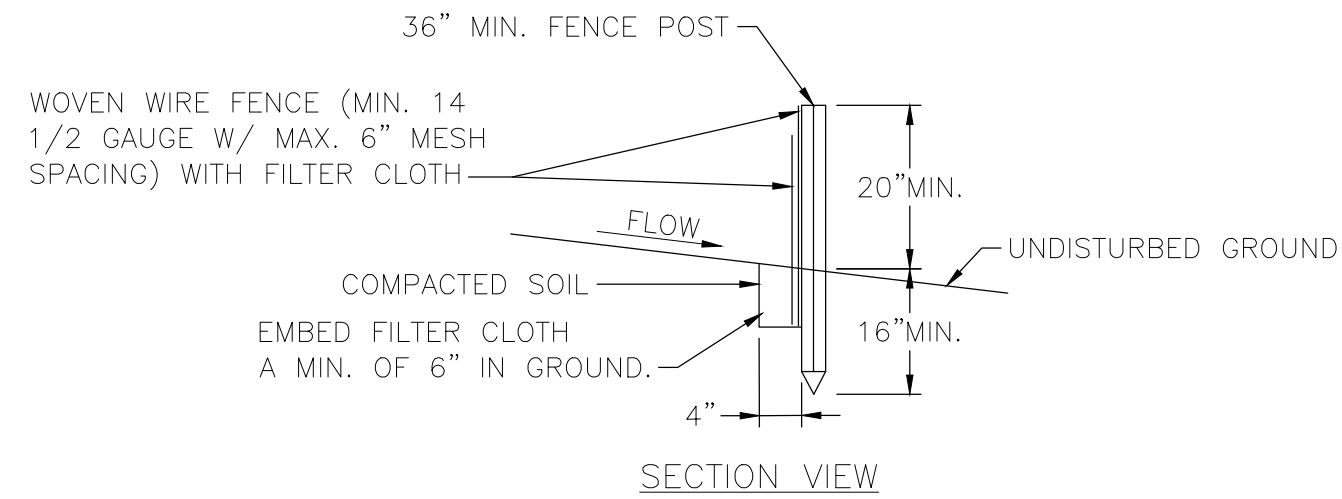
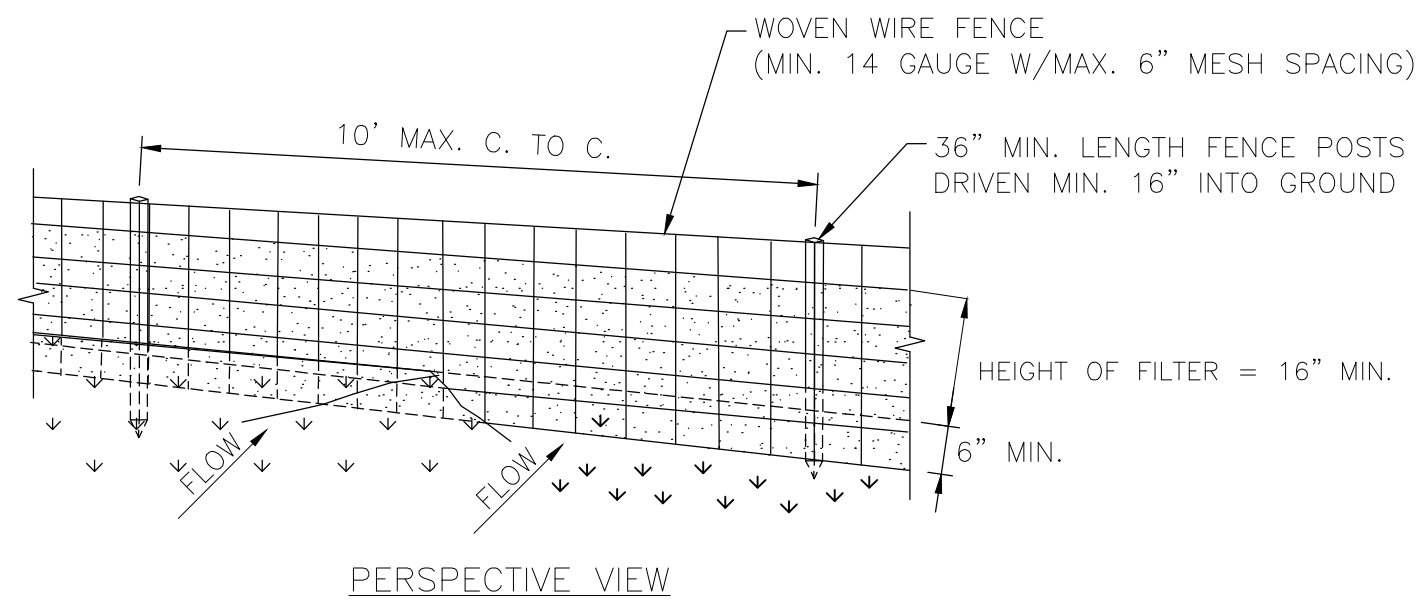
1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

TYPICAL DETAILS

DRAWING NUMBER:

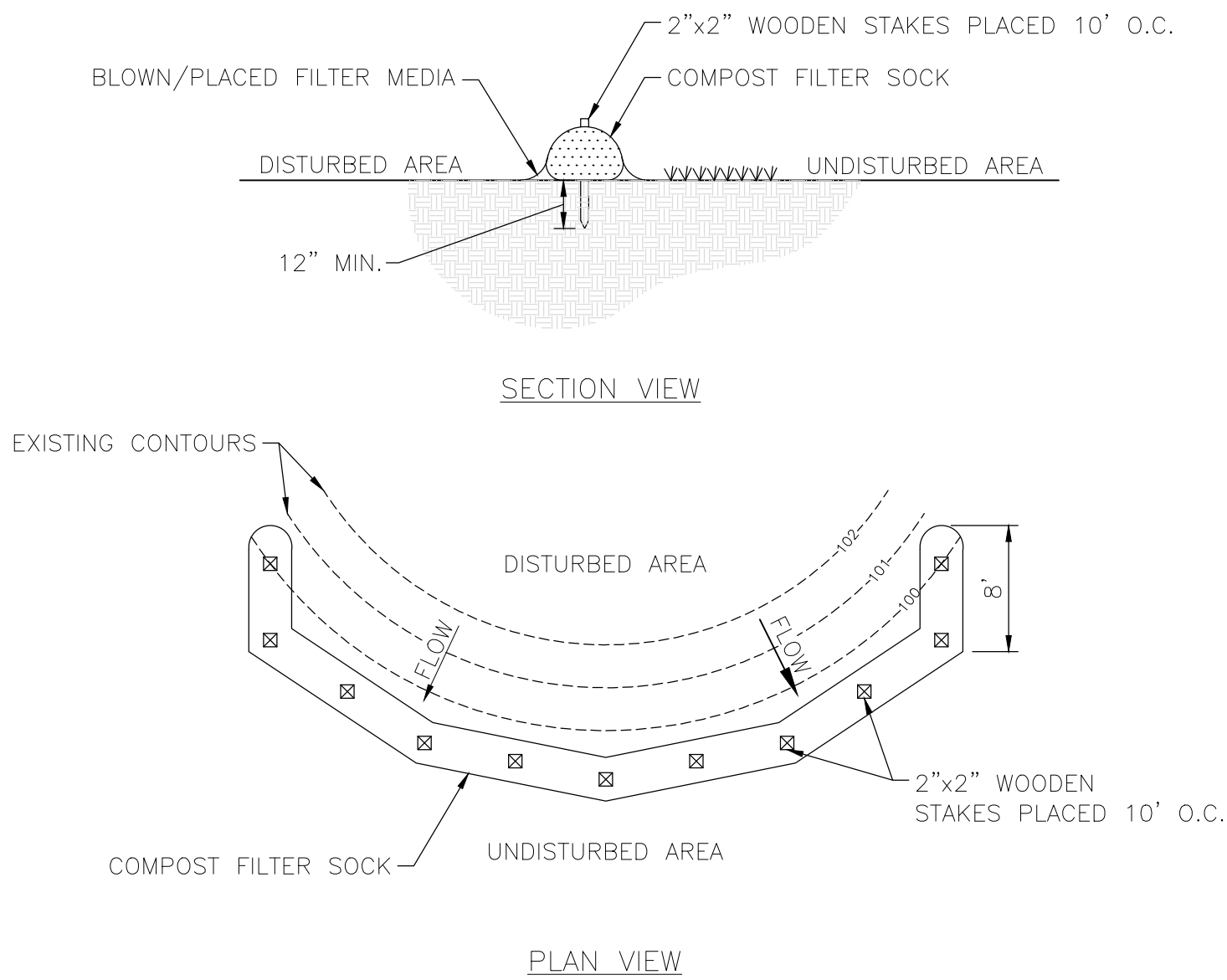
C-114



NOTES/SPECIFICATIONS:

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

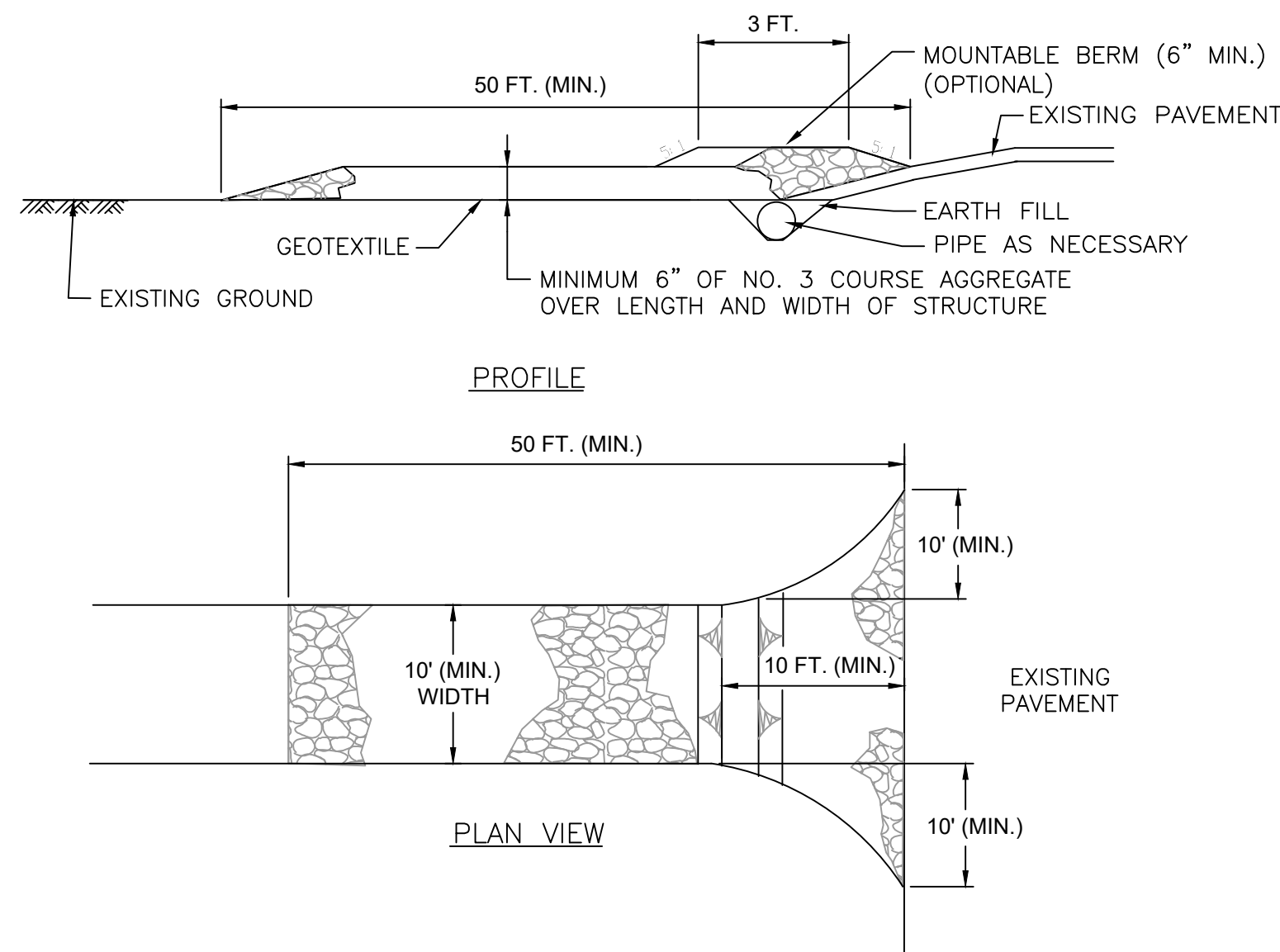
SILT FENCE DETAIL
NOT TO SCALE



NOTES:

- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 5.1 AND COMPOST SHALL MEET THE STANDARDS LISTED ON TABLE 5.2 OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK).
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT (FIGURE 5.2). MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THE LIMITS PROVIDED IN THE BLUE BOOK. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCKS, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

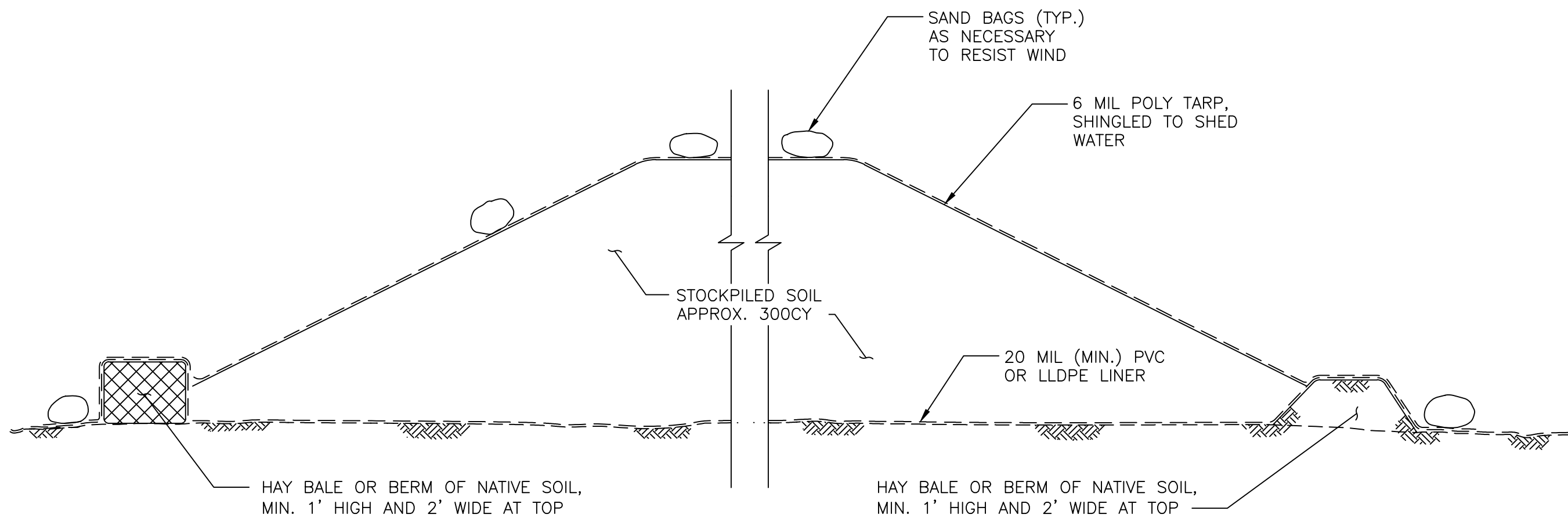
COMPOST FILTER SOCK DETAIL
NOT TO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE NOTES:

- STONE SIZE - USE NO. 3 COURSE AGGREGATE, OR RECLAIMED OR RECYCLED CONCRETE
- LENGTH - NOT LESS THAN 50 FT.
- THICKNESS - NOT LESS THAN 6 INCHES.
- WIDTH - 12 FT. MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS, 24' FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
- GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPE WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AND AFTER EACH RAIN EVENT.
- REFER TO NOTE 20 ON DRAWING NUMBER G-002.
- ANY DAMAGE TO THE EXISTING PAVEMENT TO BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE AS ORDERED BY THE DIRECTOR'S REPRESENTATIVE.



NOTES:

- DIMENSIONS OF THE STAGING AREA AND STOCKPILE TO BE DETERMINED BY THE CONTRACTOR.
- THE STOCKPILE SHALL BE COVERED AT ALL TIMES WHEN NOT BEING FILLED OR SAMPLED.

TYPICAL STOCKPILE DETAIL
NOT TO SCALE

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Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE BANK STABILIZATION,
OXFORD FLOOD CONTROL

LOCATION:

CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT:

NEW YORK STATE OFFICE
OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

EROSION AND SEDIMENT
CONTROL DETAILS

DRAWING NUMBER:

C-115

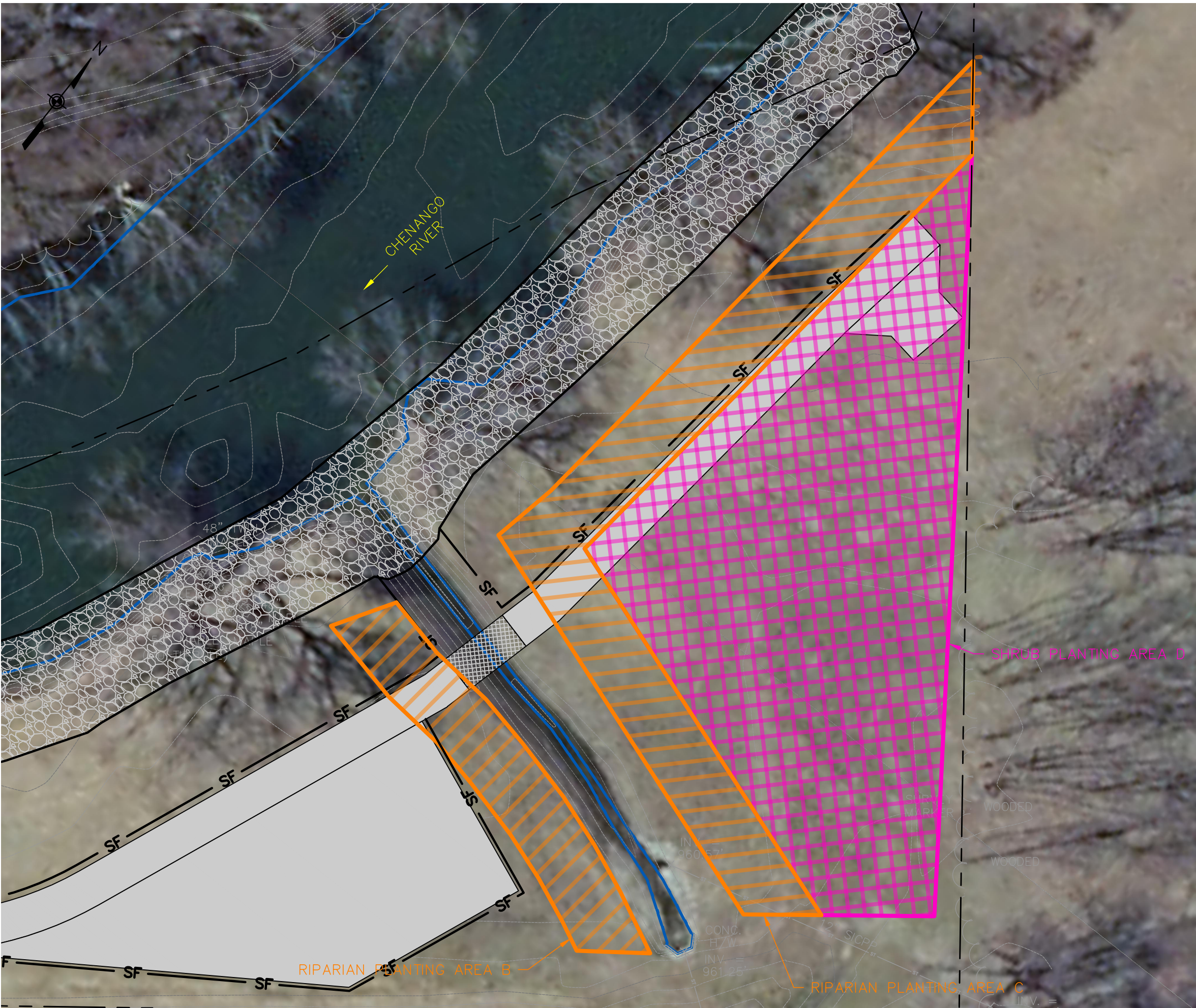


PLANTING AREA A

MITIGATION PLANTING PLAN				PLANTING AREA/QUANTITY (#)				
COMMON NAME	SCIENTIFIC NAME	SIZE/TYPE	SPACING	A	B	C	D	TOTAL
TREES*								
SILVER MAPLE	ACER SACCHARINUM	10 GALLON CONTAINER	18 FT. ON CENTER STAGGERED LINE	9	2	7	0	18
RED MAPLE	ACER RUBRUM	10 GALLON CONTAINER	18 FT. ON CENTER STAGGERED LINE	7	1	6	0	14
RIVER BIRCH	BETULA NIGRA	10 GALLON CONTAINER	18 FT. ON CENTER STAGGERED LINE	7	2	5	0	14
AMERICAN SYCAMORE	PLATANUS OCCIDENTALIS	10 GALLON CONTAINER	18 FT. ON CENTER STAGGERED LINE	7	4	6	0	17
BLACK GUM	NYSSA SYLVATICA	10 GALLON CONTAINER	18 FT. ON CENTER STAGGERED LINE	6	2	7	0	15
TOTAL				36	11	31	0	78
SHRUBS*								
WINTERBERRY	ILEX VERTICILLATA	3 GALLON CONTAINER	8 FT. ON CENTER	44	16	40	96	196
BLACK HAW VIBURNUM	VIBURNUM PRUNIFOLIUM	3 GALLON CONTAINER	8 FT. ON CENTER	45	16	39	95	195
SPICEBUSH	LINDERA BENZOIN	3 GALLON CONTAINER	8 FT. ON CENTER	45	15	39	96	195
TOTAL				134	47	118	287	586

SITE RESTORATION:

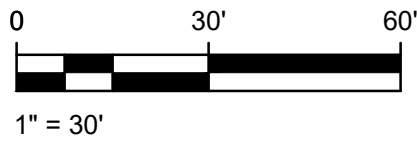
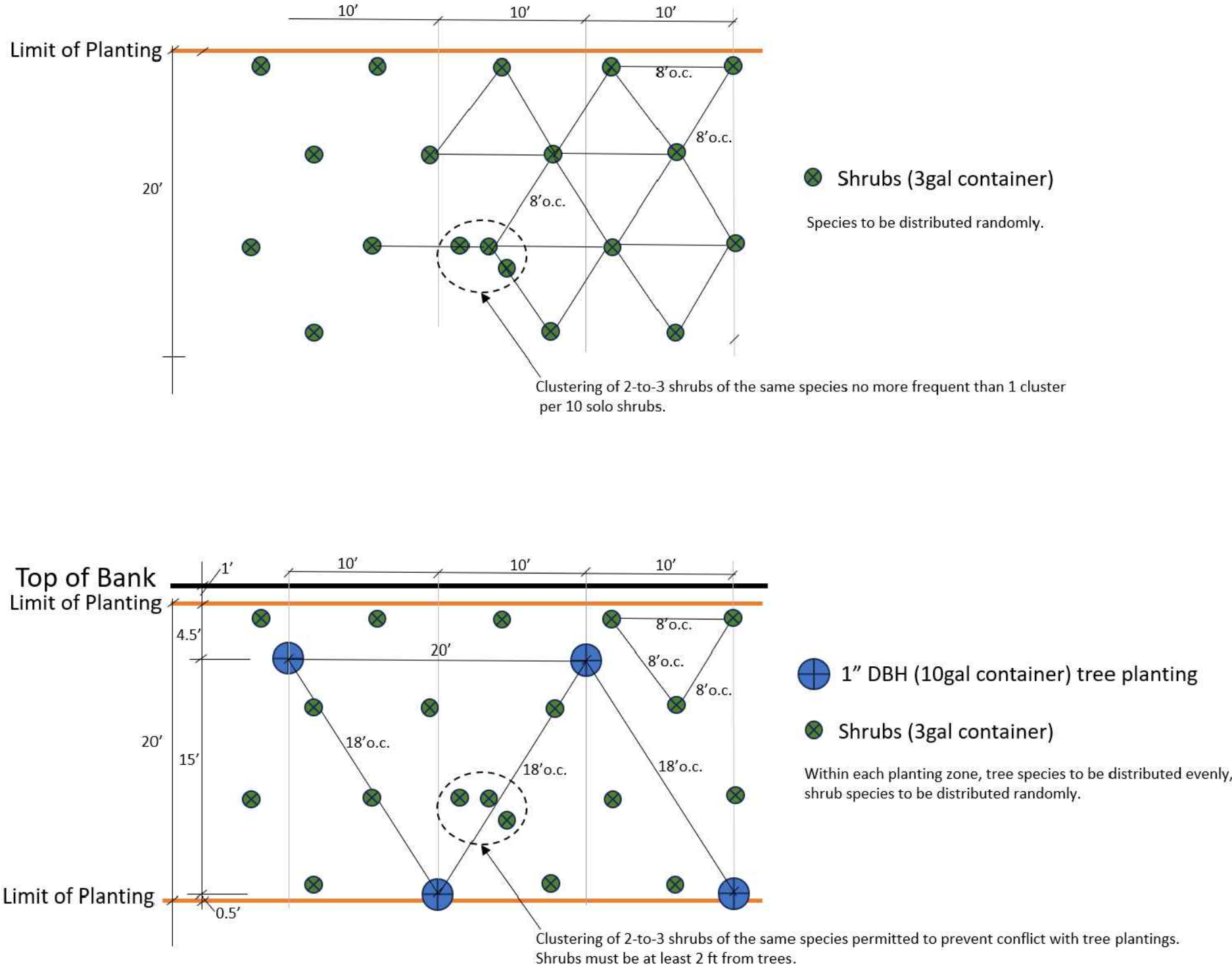
- REMOVE SUBBASE COURSE TYPE 2 STONE AND GEOTEXTILE.
- DECOMPACT ACCESS ROAD AND STAGING AREAS TO BE RESTORED TO GRASS VIA MECHANICAL METHODS TO A DEPTH OF 1 FOOT BGS OUTSIDE OF THE CRITICAL ROOT ZONE (CRZ) OF ADJACENT TREES OR PNEUMATICALLY WITHIN CRZ IMPACTED AREAS.
- PLACE 6-INCHES OF TOPSOIL WHERE THE ACCESS ROAD AND STAGING AREA WAS LOCATED AS WELL AS ANY AREAS OF SOIL DISTURBANCE, GRADED TO MATCH PRE-CONSTRUCTION CONDITIONS. SEED, WITH SEED A-URBAN LAWN MIX AS SPECIFIED IN SECTION 329219 OF THE PROJECT MANUAL, AND MULCH.
- REMOVE TEMPORARY FENCING, EQUIPMENT, MATERIALS, DEBRIS AND RUBBISH.
- REMOVE SOIL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH THE SWPPP AFTER SUFFICIENT VEGETATIVE HAS ESTABLISHED TO PREVENT EROSION (80% VEGETATIVE COVER).



PLANTING AREAS B, C AND D

NOTES:

- PLANTING AREAS A, B, C, AND D WILL BE TILLED AND SEEDING WITH RIPARIAN BUFFER SEED MIX AFTER WOODY PLANTINGS ARE COMPLETED. AREAS WILL BE FENCED WITH A 6 FOOT HIGH EXCLUSION FENCE DURING ESTABLISHMENT TO PROTECT FROM BROWSING DAMAGE.
- ALL PLANTINGS AND SEEDING WILL BE PERFORMED UNDER THE SUPERVISION OF THE DIRECTOR'S REPRESENTATIVE.
- EACH PLANTING WILL HAVE A NORMAL HABIT OF GROWTH WITH WELL-DEVELOPED BRANCH SYSTEMS AND VIGOROUS ROOT SYSTEMS. ALL PLANTINGS WILL BE SOUND, HEALTHY, AND VIGOROUS PLANTS; FREE FROM VISIBLE DEFECTS, DISFIGURATION, INJURY, RECOGNIZABLE DISEASE OF ANY KIND, INSECT EGGS, BORERS, AND ANY INFESTATION.
- PLANTING HOLES WILL BE 1.5 TO 2.0 TIMES THE DIAMETER OF THE ROOT BALL AND NO MORE THAN 1.0 TIMES THE DEPTH OF THE ROOT BALL.
- TREES WILL BE SET PLUMB IN THE PLANTING HOLE AND STAKED TO GROW IN AN UPRIGHT POSITION. THE TOP OF THE ROOT BALL WILL BE SET AT APPROXIMATELY TWO INCHES (2") ABOVE GRADE IN THE POORLY DRAINED SOIL.
- ALL PLANT STOCK WILL BE INSTALLED BY HAND.
- ANY AND ALL WRAPPING SHALL BE REMOVED FROM ROOT BALL PRIOR TO INSTALLATION.
- PLANTING HOLES WILL BE BACKFILLED WITH NATIVE SOIL MATERIAL, APPROPRIATE AMENDMENTS, AND LIGHTLY TAMPED. EXCESS SOIL MATERIAL FROM PLANTING HOLES WILL BE USED TO FORM A TWO TO THREE INCH (2"-3") HIGH SAUCER AROUND THE PERIMETER OF THE PLANTING HOLE. ANY EXCESS SOIL WILL BE DISPOSED OF PROPERLY.
- A THREE-INCH (3") LAYER OF AGED MULCH WILL BE APPLIED OVER THE ROOT BALLS OF PLANTINGS AND ADJACENT DISTURBED SOIL AREA. THE MULCH WILL BE FREE FROM ANY OBJECTIONABLE OR FOREIGN MATERIALS. ALL PLANTED TREES WILL BE STAKED AS NECESSARY AND DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- ALL TREES WILL BE THOROUGHLY WATERED WITHIN 24 HOURS FOLLOWING PLANTING.
- EACH TREE WILL BE WRAPPED WITH A VENTILATED, CORRUGATED PLASTIC TREE GUARD WHICH WILL PROTECT AGAINST RODENT AND DEER DAMAGE.
- ALL WOODY PLANTING STOCK SHOULD BE INOCULATED WITH MYCORRHIZAE AS SPECIFIED; AND IN ACCORDANCE WITH BEST FORESTRY MANAGEMENT PRACTICES, AS SOLELY DETERMINED BY THE DIRECTOR'S REPRESENTATIVE.



WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



Edwin K. Twiss Jr., PE
Registration #080650
Expiration 7/31/2029

CONTRACT:

CONSTRUCTION

TITLE: OXFORD BANK STABILIZATION PROJECT

LOCATION: CHENANGO RIVER
OXFORD, NEW YORK
CHENANGO COUNTY

CLIENT: NEW YORK STATE OFFICE OF GENERAL SERVICES

1	03/13/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	47023-C	
DESIGNED BY:	DNM	
DRAWN BY:	HAP	
FIELD CHECK:	MWO	
APPROVED:	EKT	

SHEET TITLE:

MITIGATION PLANTING AND RESTORATION PLAN

DRAWING NUMBER:

C-116