



DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 47602

**PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL
FLOODWOOD TO TUPPER LAKE
LAKE PLACID, NEW YORK**

May 2, 2024

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

DRAWINGS

1. Revised Drawings:
 - a. Drawing No. G-004, G-006, C-103, C-506, C-507, C-601, S-401 to S-407, S-501 and S-502, noted "REVISED DRAWING 4/30/2024" accompanies this Addendum and supersedes the same numbered originally issued drawings.

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
Design & Construction

GENERAL NOTES:

- 1. THE CONTRACTOR TO EXAMINE AND VERIFY IN THE FIELD ALL EXISTING AND GIVEN CONDITIONS, ELEVATIONS AND DIMENSIONS SHOWN ON THE PLANS. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR TO MAKE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS, AS APPROVED BY THE DIRECTOR'S REPRESENTATIVE. ALL FIELD CONDITIONS AND DIMENSIONS SHALL BE NOTED ON THE AS-BUILT DRAWINGS SUBMITTED FOR APPROVAL.
- 2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF CONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR TO PERFORM WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- 3. THE CONTRACTOR IS ADVISED THAT ADDITIONAL NOTES WILL BE FOUND ON SUBSEQUENT SHEETS OF THE PLANS AND SUCH NOTES, WHILE PERTAINING TO THE SPECIFIC DRAWINGS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
- 4. IF THE DIRECTOR'S REPRESENTATIVE NOTIFIES THE CONTRACTOR OF ANY HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED AND IMMEDIATE ACTION SHALL BE TAKEN TO CORRECT THE SITUATION TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE BEFORE WORK IS RESUMED.
- 5. ALL EXISTING TRAFFIC SIGNS REMOVED BY THE CONTRACTOR WITH A NYS DOT STICKER ON THE BACK OF THE PANEL SHALL BECOME THE PROPERTY OF THE NYS DOT. SIGNS WILL BE STORED AND LOCAL STATE RESIDENCY NOTIFIED FOR PICKUP. ALL OTHER EXISTING SIGNS SHALL BECOME THE PROPERTY OF APPLICABLE MUNICIPALITY.
- 6. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS.
- 7. SUBMITTALS, CATALOG CUTS, SAMPLES, AND SHOP DRAWINGS MUST BE RECEIVED, REVIEWED AND APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO ORDERING OR FABRICATION OF MATERIALS AND PRIOR TO INSTALLATION OF MATERIALS. FAILURE TO DO SO MAY RESULT IN TIME DELAYS. THE CONTRACTOR WILL NOT BE ENTITLED TO COMPENSATION FOR SAID TIME DELAYS, REMOVALS, OR REPLACEMENTS.
- 8. THE CONTRACTOR TO PROVIDE AN ACI CERTIFIED CONCRETE FLAT WORK FINISHER TO SUPERVISE ALL HAND FINISHING PER ACI. CERTIFICATION SHALL BE PROVIDED TO THE DIRECTOR'S REPRESENTATIVE.
- 9. HISTORIC FEATURES HAVE BEEN IDENTIFIED AND ARE LOCATED WITHIN THE PROJECT LIMITS. THE CONTRACTOR TO CONDUCT ITS OPERATION IN SUCH A MANNER TO PREVENT ANY DAMAGE TO THESE FEATURES. PRIOR TO CONSTRUCTION, ALL EXISTING HISTORIC FEATURES WITHIN THE PROJECT LIMITS SHALL BE IDENTIFIED BY THE DIRECTOR'S REPRESENTATIVE OR OWNER. THE HISTORIC FEATURES WILL BE FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION BY NYSDEC AND/OR THE DIRECTOR'S REPRESENTATIVE.
- 10. THE CONTRACTOR TO COORDINATE AND CONFIRM ALL SPECIFIC TREE REMOVAL LOCATIONS WITHIN THE PROJECT LIMITS WITH THE DIRECTOR'S REPRESENTATIVE, PRIOR TO REMOVING TREES.

STREAM PROTECTION NOTES:

VARIOUS STREAMS ARE CLASSIFIED AS CLASS A, STANDARD A(1) WATERBODIES THROUGHOUT THE PROJECT LIMITS.

- 1. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR TO CONDUCT ITS OPERATIONS IN SUCH A MANNER TO PREVENT ANY DAMAGE TO ANY WATERBODY, INCLUDING WETLANDS, FROM DIRECT OR INDIRECT POLLUTION BY DEBRIS, SEDIMENTATION OR OTHER FOREIGN MATERIAL. NO WATER SHALL BE RETURNED DIRECTLY TO THE WATERBODY WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS, WHICH CAUSE THIS WATER TO BE CONTAMINATED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES.
- 2. DURING REMOVAL OPERATIONS, THE CONTRACTOR TO NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS, AND OTHER MATERIAL IN ANY WATERWAY, CHANNEL, SIDE POOL OR ANYWHERE ON COUNTY OR NYSDEC PROPERTY UNLESS APPROVED BY THE COUNTY OR NYSDEC. PLATFORMS, NETS, SCREENS, OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE DIRECTOR'S REPRESENTATIVE DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.
- 3. PRIOR TO STARTING ANY WORK WITHIN 50' OF THE WATER'S EDGE, THE CONTRACTOR TO COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE. THE DIRECTOR'S REPRESENTATIVE SHALL CONSULT WITH THE REGIONAL CONSTRUCTION ENVIRONMENTAL COORDINATOR AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REGION 3 HABITAT PROTECTION MANAGER.

ENVIRONMENTAL NOTES:

- 1. ALL DISTURBED UNPAVED AREAS WITHIN THE DESIGNATED WORK LIMITS SHALL BE GRADED, FERTILIZED, SEEDED AND MULCHED AS SPECIFIED.
- 2. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM RED-MIX TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS. DESIGNATED WASH OUT AREAS TO BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE.
- 3. SPILLAGE OF OIL AND HAZARDOUS SUBSTANCES IS ESPECIALLY PROHIBITED BY SECTION 311 OF THE CLEAN WATER ACT OF 1977. MEASURES INCLUDING PROPER MAINTENANCE OF CONSTRUCTION EQUIPMENT, DESIGNATING FUEL/HAZARDOUS SUBSTANCES, HANDLING AREAS TO ALLOW SPILLS TO BE CONTAINED BEFORE REACHING THE WATERWAY, INSTRUCTING PERSONNEL NOT TO DISPOSE OF OIL AND OTHER SUCH MATERIALS INTO DRAINS OR INTO THE WATERWAY DIRECTLY, AND OTHER NECESSARY PROCEDURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ACTIVITIES. IF, IN SPITE OF SUCH PLANNING, OIL/HAZARDOUS SUBSTANCES ARE SPILLED INTO A WATERCOURSE, IMMEDIATE NOTIFICATION SHALL BE GIVEN TO THE N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT TELEPHONE NUMBER (518) 457-7362 AND THE NATIONAL RESPONSE CENTER AT TELEPHONE NUMBER 1-800-424-8802. A CONTAINMENT BOOM AND A SUPPLY OF HAY, STRAW, OR OTHER ABSORBENT SHALL BE RETAINED SO THAT IT MAY BE RAPIDLY DEPLOYED TO SOAK UP ANY POSSIBLE SPILLAGE. PENDING ENVIRONMENTAL CONSERVATION AND/OR NYCDEP ARRIVAL ON THE SCENE, THE USE OF CHEMICAL DISPERSING AGENTS AND EMULSIFIERS IS NOT AUTHORIZED WITHOUT PRIOR, SPECIFIC, FEDERAL, OR STATE APPROVAL.
- 4. ANY MATERIAL ENTERING THE WATER, FOR ANY REASON WHATSOEVER, WHICH IS NOT PART OF INTENDED WORK, SHALL BE REMOVED AND DISPOSED OF PROPERLY IN ACCORDANCE WITH CURRENT NYSDEC REGULATIONS.
- 5. IF CONTRACTOR CHOOSES TO SPOIL MATERIAL OUTSIDE OF THE LOCATIONS NOTED IN THE CONTRACT DOCUMENTS, CONTRACTOR TO OBTAIN APPROVAL FROM ALL STATE AND FEDERAL PERMITTING AGENCIES TO USE THE PROPERTY.

UTILITY NOTES:

- 1. LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED ON THE PLANS AS EXISTING AND/OR TO BE CONSTRUCTED ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OR HER OPERATIONS, AND TAKE NECESSARY PRECAUTIONS SUCH THAT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION IS PREVENTED.
- 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR TO CALL "DIG SAFELY" (1-800-962-7962) TO HAVE UNDERGROUND UTILITIES LOCATED.
- 3. EXPLORATORY EXCAVATIONS SHALL BE PERFORMED AS NEEDED BY THE CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO WORK IN CONGESTED UTILITY AREAS. ALL TEST PITS IDENTIFIED ON THESE DRAWINGS ARE TO BE COMPLETED AND TEST PIT LOGS SUBMITTED TO THE DIRECTOR'S REPRESENTATIVE WITHIN FOURTEEN (14) DAYS FOLLOWING NOTICE TO PROCEED, UNLESS OTHERWISE DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
- 4. THE QUALITY OF THE UNDERGROUND UTILITY INFORMATION ON THE PLANS IS QUALITY LEVEL "D". FOUR SEPARATE QUALITY LEVELS OF SUBSURFACE UTILITY FACILITY INFORMATION ARE GENERALLY RECOGNIZED AND ARE AS FOLLOWS:
 - QUALITY LEVEL A (QLA): QUALITY LEVEL A IS THE HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITY FACILITIES) OF SUBSURFACE UTILITIES, USING (TYPICALLY) MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO DETERMINE THEIR PRECISE HORIZONTAL AND VERTICAL POSITIONS, AS WELL AS THEIR OTHER UTILITY FACILITY ATTRIBUTES. (SHOWN AS QLA)
 - QUALITY LEVEL B (QLB): QUALITY LEVEL B IS THE SECOND HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS (I.E., UNDERGROUND CAMERAS, RADAR, SONAR, TONE OUTS, ETC.) TO IDENTIFY THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF SUBSURFACE UTILITY FACILITIES. QUALITY LEVEL B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THE INFORMATION WAS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO THE PLANS. NO EXCAVATIONS WERE PERFORMED. (SHOWN AS QLB)
 - QUALITY LEVEL C (QLC): QUALITY LEVEL C IS THE THIRD HIGHEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS HAS BEEN OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION. (SHOWN AS QLC)
 - QUALITY LEVEL D (QLD): QUALITY LEVEL D IS THE LOWEST DEGREE OF ACCURACY. THE INFORMATION SHOWN ON THE PLANS WAS DERIVED SOLELY FROM EXISTING NYS DOT AND/OR UTILITY COMPANY RECORDS OR RECOLLECTIONS. (SHOWN AS QLD)

SURVEY NOTES:

- 1. BASE MAPPING INFORMATION PREPARED BY WESTON AND SAMPSON, LOCATED AT 1 WINNER'S CIRCLE, ALBANY, NY 12205 (PH. 518-463-4400).
- 2. RIGHT-OF-WAY INFORMATION PREPARED BY MJ ENGINEERING AND LAND SURVEYING, P.C. AND CREIGHTON MANNING ENGINEERING, LOCATED AT 1533 CRESCENT ROAD, CLIFTON PARK, NY 12065 (PH. 518-371-0799) AND 2 WINNER'S CIRCLE, ALBANY, NY 12205 (PH. 518-446-0396), RESPECTIVELY.
- 3. WETLAND DELINEATION INFORMATION PREPARED BY OSP ENGINEERING SERVICES, P.C., LOCATED AT 800 ROUTE 146, BLDG. 200, SUITE 280, CLIFTON PARK, NY 12065 (PH. 518-636-9956).

RIGHT OF WAY NOTES:

- 1. ALL WORK TO BE PERFORMED UNDER THIS CONTRACT WILL BE WITHIN THE PUBLIC RIGHT-OF-WAY (ROW). THE CONTRACTOR IS TO ASSURE THAT ALL WORK IS BEING PERFORMED WITHIN THE ROW, INCLUDING BUT NOT LIMITED TO VEHICLE ACCESS; STORAGE OF EQUIPMENT, MATERIALS, DEBRIS AND WASTE; LANDSCAPING; VEGETATION REMOVAL AND MANAGEMENT; GRADING, SEEDING AND THE INSTALLATION OF TURF; AND THE INSTALLATION OF ANY FENCES OR PROTECTIVE BARRIER.
- 2. IF THE CONTRACTOR IS UNABLE TO IDENTIFY THE LIMITS OF THE RIGHTS-OF-WAY WHEN THE CONTRACT CALLS FOR WORK IN THOSE VICINITIES, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER FOR DEFINITIVE BOUNDARY DETERMINATIONS BEFORE ANY WORK MAY BE INITIATED AT THOSE LOCATIONS.

ACCESS AND NOTIFICATION NOTES:

- 1. THE CONTRACTOR TO PROVIDE SAFE AND ADEQUATE ACCESS INTO OR THROUGH THE WORK SITE BY EMERGENCY VEHICLES AT ALL TIMES.
- 2. THE CONTRACTOR TO MAINTAIN ALL TRAFFIC IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE NYS SUPPLEMENT, AND EFFORTS SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE, AND/OR THE APPLICABLE MUNICIPALITY. TEMPORARY PAVEMENT SHALL BE PLACED WITHIN 48 HOURS OF COMPLETION OF EXCAVATION AND BACKFILL OPERATIONS WITHIN THE PAVEMENT LIMITS.
- 3. THE CONTRACTOR TO NOTIFY THE STATE AND/OR APPLICABLE MUNICIPALITY 72 HOURS PRIOR TO ANY STREET OR LANE CLOSURES OR ANY WORK AFFECTING TRAFFIC SIGNALS.
- 4. THE CONTRACTOR TO MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL PROPERTIES AT ALL TIMES TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE. RAMPING CONSTRUCTION TO PROVIDE ACCESS MAY BE CONSTRUCTED WITH SUBBASE MATERIAL EXCEPT THAT TEMPORARY ASPHALT CONCRETE SHALL BE PLACED AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE. THE CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING SAFE PEDESTRIAN ACCESS AT ALL TIMES.
- 5. THE CONTRACTOR TO NOTIFY ALL RESIDENTS AND BUSINESSES LOCATED IN THE WORK ZONE 72 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. SUCH NOTICES WILL BE FURNISHED BY THE CONTRACTOR AND APPROVED BY THE DIRECTOR'S REPRESENTATIVE AND/OR THE APPLICABLE MUNICIPALITY.

PROJECT SPECIFIC NOTES:

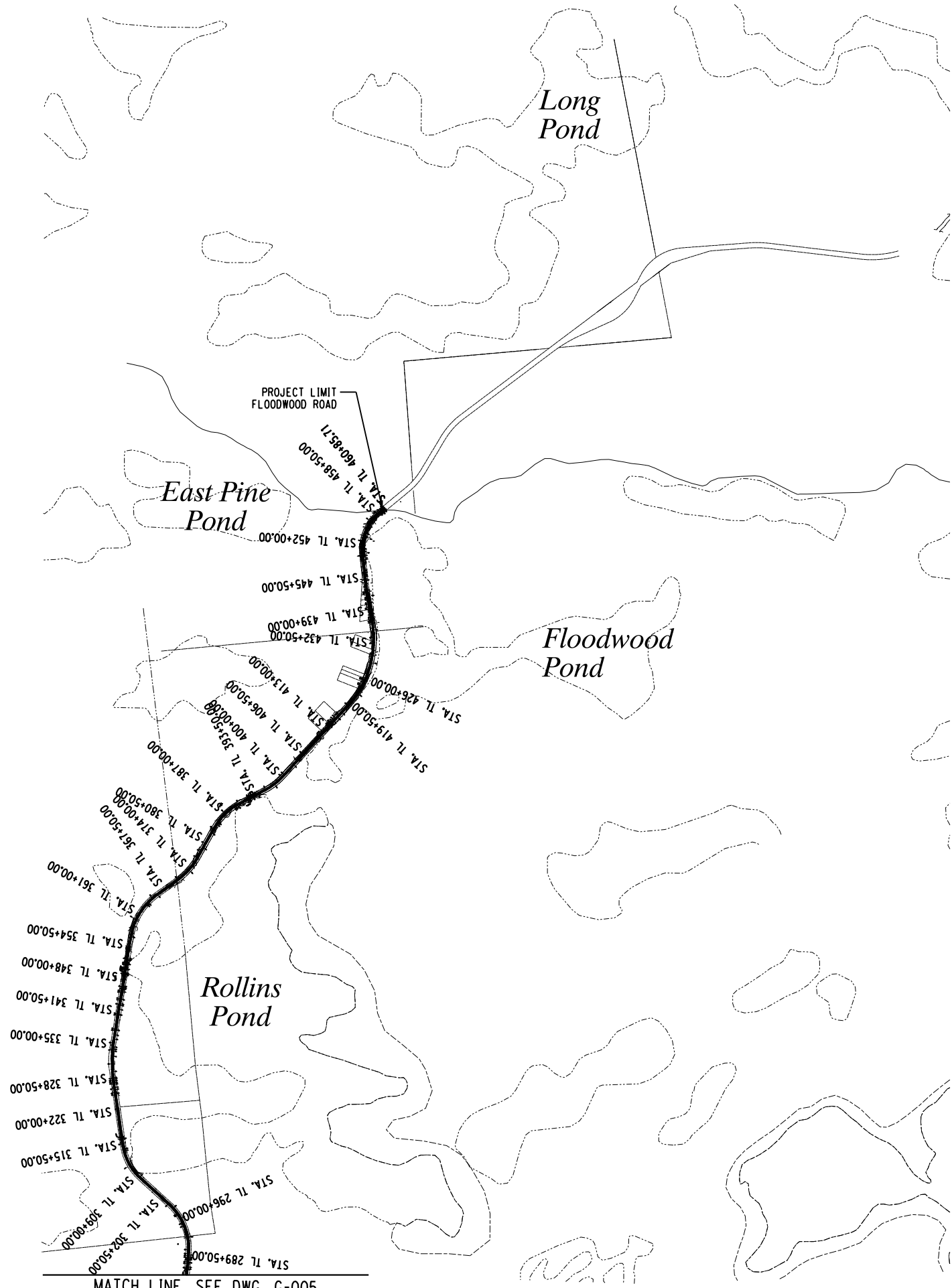
- 1. THE CONTRACTOR TO NOT BEGIN WARMING UP HIS OR HER EQUIPMENT BEFORE 7:00 AM, NOR KEEP THE EQUIPMENT RUNNING AFTER 8:00 PM. MAINTENANCE OF EQUIPMENT ON SITE WHICH REQUIRES THE EQUIPMENT TO BE RUNNING SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE IF THE MAINTENANCE IS PERFORMED OUTSIDE THE WORK HOUR RESTRICTIONS.
- 2. ALL WORK WITHIN NYS DOT RIGHT-OF-WAY SHALL ADHERE TO NYS DOT STANDARD SPECIFICATIONS. THIS INCLUDES ALL MATERIAL SPECIFICATIONS AND WORK ZONE TRAFFIC CONTROL.
- 3. CONTRACTOR TO RENT TWO UTILITY TERRAIN VEHICLES FOR THE DURATION OF THE PROJECT TO BE PROVIDED TO THE DIRECTOR'S REPRESENTATIVE. UTILITY TERRAIN VEHICLES SHALL BE CAPABLE OF TRANSPORTING TWO PASSENGERS EACH.
- 5. CONTRACTOR TO PROVIDE FIELD OFFICE TRAILER. APPROXIMATE LOCATION SHOWN ON DWG. C-101, FINAL LOCATION TO BE CONFIRMED BY THE DIRECTOR'S REPRESENTATIVE.
- 6. THIS PROJECT REQUIRED THE DEVELOPMENT OF A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH NYSDEC SPDES GP-20-001. THE CONTRACTOR TO REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS AND SPECIFICATIONS.
- 7. CONTRACTOR IS RESPONSIBLE FOR ENSURING EXISTING CULVERT AND BRIDGE STRUCTURES HAVE THE CAPACITY TO CARRY THE CONTRACTOR'S CONSTRUCTION EQUIPMENT. IF CONTRACTOR DETERMINES STRENGTHENING IS NECESSARY TO ACCOMMODATE THEIR MEANS AND METHODS, HE OR SHE SHALL PROPOSE RETROFITS TO STRENGTHEN THE STRUCTURE. CONTRACTOR TO PHOTOGRAPH AND DOCUMENT THE CONDITION OF THE STRUCTURES PRIOR TO STARTING CONSTRUCTION. THIS SHALL BE DONE AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE AND BE PROVIDED TO THE DIRECTOR'S REPRESENTATIVE FOR RECORD KEEPING. ALL COSTS FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR THIS PROJECT AND ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED AT NO COST TO THE OWNER.
- 8. CONTRACTOR TO INSTALL TEMPORARY GATES AT ALL PUBLIC ROADWAY ACCESS POINTS AND SNOW FENCE AT PRIVATE ACCESS POINTS TO PREVENT PUBLIC ACCESS DURING CONSTRUCTION COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE FOR LOCATIONS.
- 9. ALL INVASIVE SPECIES REMOVAL LOCATIONS TO BE FLAGGED AND APPROVED BY DIRECTOR'S REPRESENTATIVE. CONTRACTOR TO REMOVE AND DISPOSE OF INVASIVE SPECIES AND CLEAN ALL EQUIPMENT INVOLVED IN OPERATIONS.
- 10. SEE PROJECT MANUAL FOR WETLAND PERMITS AND REQUIRED SCHEDULING PRIOR TO BEGINNING WORK.
- 11. CONTRACTOR TO NOTE THAT THIS CONTRACT ALSO INCLUDES:
 - A. THE REPLACEMENT OF A PAIR OF EXISTING 36" CMP PIPES WITH A CONCRETE STRUCTURE IN THE VILLAGE OF SARANAC LAKE. SEE DWG. S-401 THROUGH S-502. CULVERT REPLACEMENT WORK MAY NOT BEGIN PRIOR TO MAY 1, 2025 AND TO BE COMPLETED PRIOR TO JUNE 15, 2025.
 - B. INSTALLATION OF 100 WHITE SPRUCE TREES, 7'-8' TALL, ALONG THE NORTHEAST SIDE OF THE TRAIL IN THE VILLAGE OF SARANAC LAKE ALONG THE MCKENZIE BROOK. TREES TO BE PLANTED 10' APART, LOCATIONS TO BE MARKED OUT BY DIRECTOR'S REPRESENTATIVE.
 - C. INSTALLATION OF A LARGER TRAIL GATE ON RAY BROOK ROAD IN RAY BROOK. LOCATION LISTED IN TABLE OF TRAIL GATES ON DWG. C-602 AND DIMENSION NOTED IN NOTES ON GATE DETAIL ON DWG. C-502.
 - D. INSTALLATION OF ADDRESS SIGNS AT LOCATIONS IN LAKE CLEAR, RAY BROOK, SARANAC LAKE, AND TUPPER LAKE. LOCATIONS AND SIGN DETAILS SHOWN ON DWG. C-501.
 - E. INSTALLATION OF BEAVER DETERRENT DEVICES ON INLET END OF 26 EXISTING CULVERTS LISTED IN TABLE ON DWG. C-601 AND AS DETAILED ON C-505. CONTRACTOR TO REPAIR ANY AREAS OF TRAIL SURFACE COURSE OR AREAS ALONG TRAIL EDGE THAT ARE DAMAGED DURING THE INSTALLATION OF THE DEVICES. THE EXISTING PIPES WERE CLEAR AND FLOWING DURING A FIELD WALK COMPLETED IN SEPTEMBER 2023. CONTRACTOR TO VERIFY EXISTING CULVERTS ARE CLEAR OF ANY DEBRIS PRIOR TO INSTALLATION OF BEAVER DETERRENT DEVICE. IF ANY DEBRIS IS PRESENT, CONTRACTOR TO COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE AND DETERMINE THE APPROPRIATE METHOD FOR REMOVAL OF THE DEBRIS TO MINIMIZE ANY IMPACTS TO SURROUNDING WETLANDS. COST OF DEBRIS REMOVAL TO BE INCLUDED IN LUMP SUM BID PRICE FOR PROJECT.
 - F. FURNISHING 5 SECTIONS OF 1 1/2" DIAMETER DRILL ROD AND 2 END PIECES TO BE AVAILABLE ON SITE IF NEEDED FOR CLEARING CULVERTS AND TO BE TURNED OVER TO NYSDEC AT END OF CONTRACT.
 - G. INSTALLATION OF ADDITIONAL GUSSET PLATE, YELLOW REFLECTIVE TAPE, AND DRILLING OF ADDITIONAL HOLE IN GATE POSTS SO GATE CAN BE PINNED AT 90 DEGREE INCREMENTS. TRAIL GATES REQUIRING GUSSET PLATES, YELLOW REFLECTIVE TAPE, AND MODIFICATIONS ARE LISTED IN TABLE OF GUSSET PLATES AND GATE MODIFICATIONS ON DWG. C-601. DETAIL OF GUSSET PLATE AND YELLOW REFLECTIVE TAPE ARE DETAILED ON DWG. C-502.
 - H. INSTALLATION OF OBJECT MARKER SIGN PANELS ON BEGINNING AND END POSTS OF ALL SECTIONS OF PEDESTRIAN TIMBER RAIL BETWEEN TUPPER LAKE AND LAKE PLACID. SEE TABLE OF LOCATIONS ON DWG. C-602 AND SIGN PANEL DETAILS ON DWG. C-501.
 - I. REMOVAL OF ANY BLOW DOWN OR FALLEN TREES WITHIN THE SITE CLEARING LIMITS, LIMITS OF GRADING, OR AS DIRECTED BY DIRECTOR'S REPRESENTATIVE. SITE CONDITIONS MAY HAVE CHANGED DUE TO STORMS THAT HAVE OCCURRED SINCE THE FIELD CHECK WAS COMPLETED IN SEPTEMBER 2023.
 - J. REMOVAL OF ALL DAMAGED OR DETERIORATED WHISTLE STOP AND MILE POST MARKERS AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
 - K. THE REMOVAL OF ANY TRAIL SIDE HAZARDS THAT MAY BE PRESENT, THESE INCLUDE: LARGE ROCKS WITHIN 5 FEET OF THE EDGE OF THE TRAIL, OLD PIECES OF CONCRETE ALONG THE CORRIDOR, AND ANY STEEL POSTS OR RAIL PIECES DRIVEN IN THE GROUND. ROCKS ARE TO BE MOVED SO THEY ARE MORE THAN 5 FEET FROM EDGE OF TRAIL. CONCRETE IS TO BE REMOVED FROM TRAIL CORRIDOR, AND STEEL POSTS OR RAIL PIECES ARE TO BE DRIVEN SO THEY ARE AT OR BELOW GRADE OR CUT FLUSH WITH EXISTING GRADE IF THEY CAN NOT BE DRIVEN.
 - L. INSTALLATION OF 20 DELINEATORS WITH 2.0 LB POSTS. 10 DELINEATORS TO BE INSTALLED IN TUPPER LAKE PARKING LOT TO DELINEATE EDGES OF GRASS ISLANDS NEAR PARKING LOT EXIT, 5 DELINEATORS TO BE INSTALLED ON NORTH AND SOUTH SIDE OF ROUTE 86 AT THE FOWLERS CROSSING PARKING LOTS IN RAY BROOK TO DELINEATE EDGE OF DRIVEWAYS.
 - M. INSTALL EPOXY STRIPING ON 11 EXISTING CROSSWALKS CROSSING: CEDAR STREET, DEPOT STREET, MARGARET STREET, PINE STREET, BRANDY BROOK AVENUE, NCCC DRIVEWAY, ADIRONDACK CORRECTIONAL MAIN ROAD, ADIRONDACK PARK ROAD, OLD MILITARY ROAD, AND STATION STREET IN THE VILLAGES OF SARANAC LAKE AND LAKE PLACID.
 - N. REPLACING EXISTING 24" CAST IRON PIPE AT N: 1992265.8550, E: 594074.3410 WITH A 30" SICPP PIPE, SEE DWG. G-006 FOR LOCATION AND DWG. C-506 FOR INSTALLATION DETAIL.
 - O. EXCAVATE EXISTING TRAIL, INSTALL 6" THICK FOAM INSULATION BOARD, INSTALL SUBBASE, AND PAVE 50 FOOT LONG SECTION OF TRAIL AS DETAILED ON DWG. C-507, OVER EXISTING STEAM TUNNEL NEAR CONCRETE RAMP LOCATED AT N: 1989683.2694, E: 598814.5157 AND AND SHOWN ON DWG. G-006.

REVISED DRAWING
4/30/2024

NEW YORK STATE Office of General Services
DESIGN & CONSTRUCTION
CONSULTANT
Creighton Manning
CREIGHTON MANNING ENGINEERING, LLP
WARNING:
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STATE OF NEW YORK
DONALD D. ADAMS
LICENSED PROFESSIONAL ENGINEER
CONTRACT:
CONSTRUCTION
TITLE:
PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION:
FLOODWOOD TO TUPPER LAKE
CLIENT:
NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT NUMBER:
47602-C
DESIGNED BY:
C.D.F.
DRAWN BY:
K.H.D.
FIELD CHECK:
09/12/2023
APPROVED:
D.D.A.
SHEET TITLE:
GENERAL NOTES
DRAWING NUMBER:
G-004
SHEET 4 OF 143

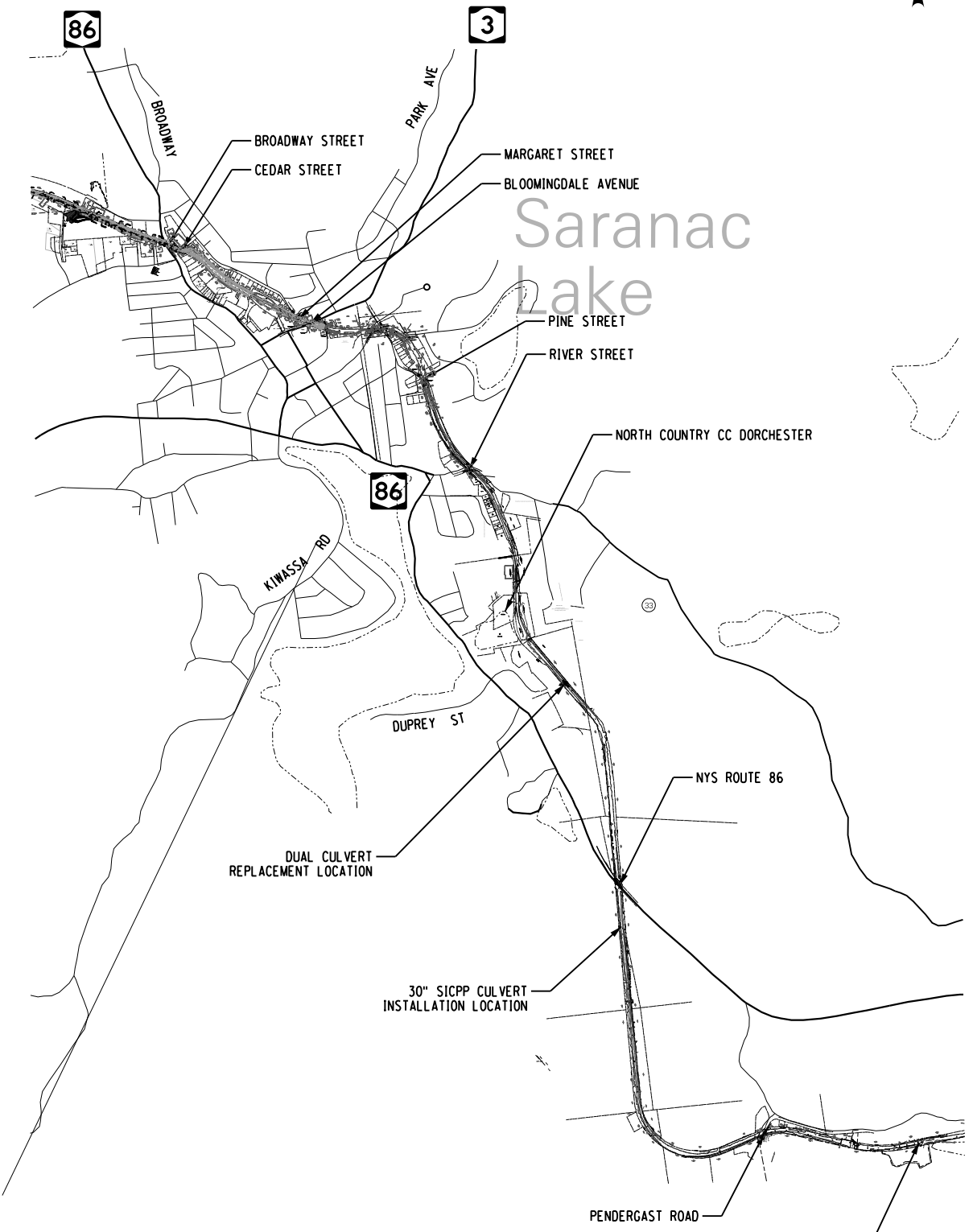
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17X11 PLOT SHEET

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 DATE: 4/30/2024
 USER: CFerriter
 17x11 PLOT SHEET



MATCH LINE, SEE DWG. G-005

ADIRONDACK RAIL TRAIL SHEET LOCATION PLAN



NOTES:

- CONTRACTOR TO NOTE THAT THIS CONTRACT ALSO INCLUDES THE REPLACEMENT OF A PAIR OF 36" CMP PIPES LOCATED IN THE VILLAGE OF SARANAC LAKE WITH A NEW PRECAST CONCRETE STRUCTURE, SEE DWG. S-402.

LOCATION OF EXISTING STEM TUNNEL TO BE INSULATED AND TRAIL SECTION PAVED (SEE DETAILS, DWG. C-507)

REVISED DRAWING
4/30/2024



NEW YORK STATE Office of General Services
 DESIGN & CONSTRUCTION
 CONSULTANT
Creighton Manning
 CREIGHTON MANNING ENGINEERING, LLP

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CONSTRUCTION	
TITLE:	PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION:	FLOODWOOD TO TUPPER LAKE
CLIENT:	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS

PROJECT NUMBER:	47602-C
DESIGNED BY:	C.D.F.
DRAWN BY:	K.H.D.
FIELD CHECK:	09/12/2023
APPROVED:	D.D.A.

SITE KEY PLAN	
DRAWING NUMBER:	G-006
SHEET	6 OF 143

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CONTRACT: **CONSTRUCTION**
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION: FLOODWOOD TO TUPPER LAKE
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

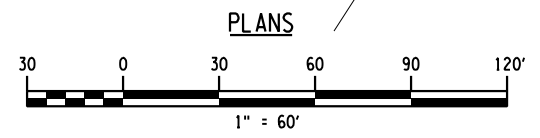
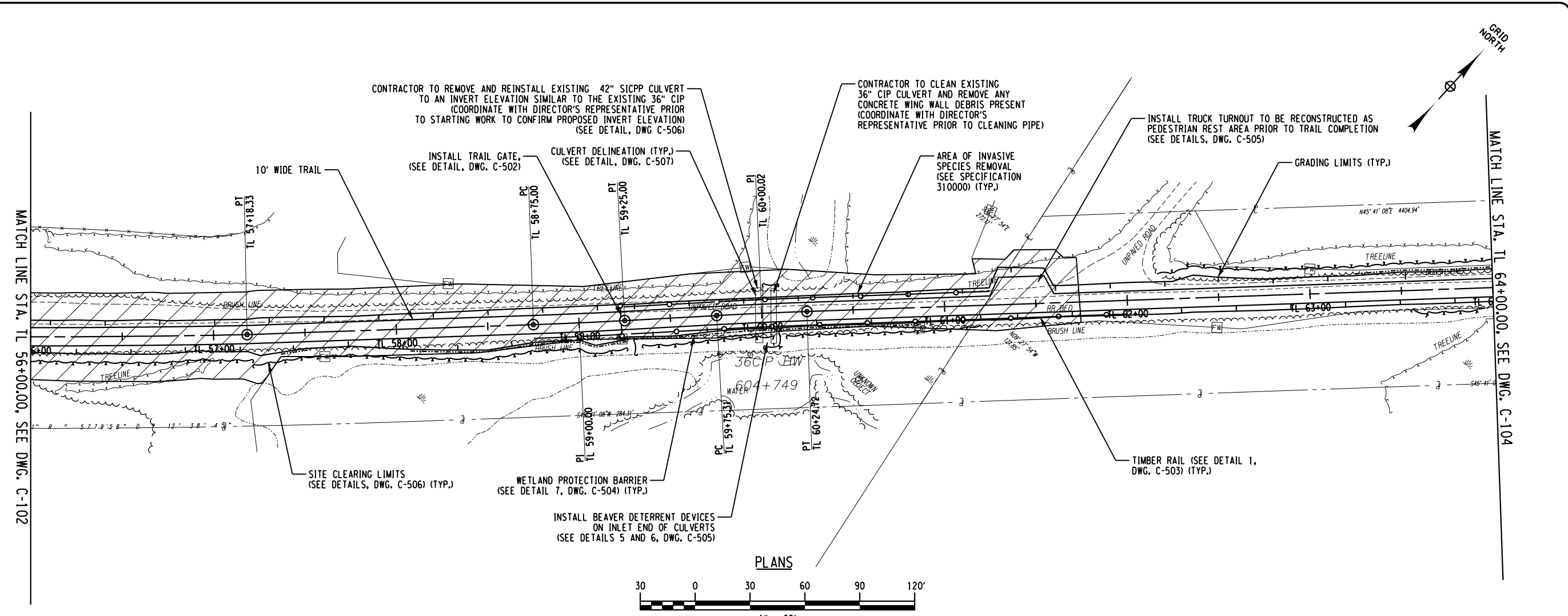
MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
	09/12/2023	
		D.D.A.

PROJECT NUMBER: **47602-C**
DESIGNED BY: C.D.F.
DRAWN BY: K.H.D.
FIELD CHECK: 09/12/2023
APPROVED: D.D.A.

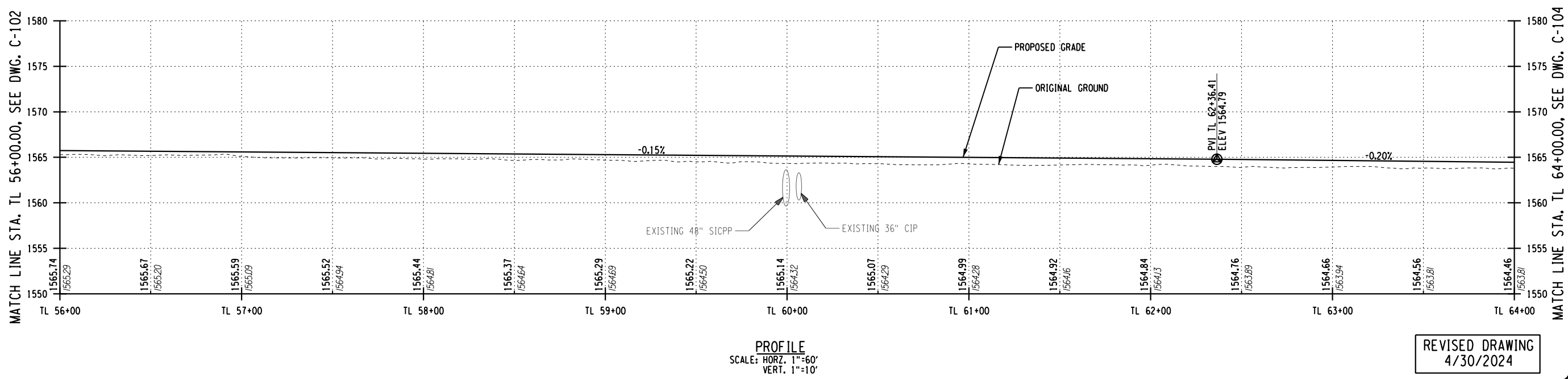
SHEET TITLE:
GENERAL PLAN & PROFILE

DRAWING NUMBER:
C-103

SHEET 12 OF 143

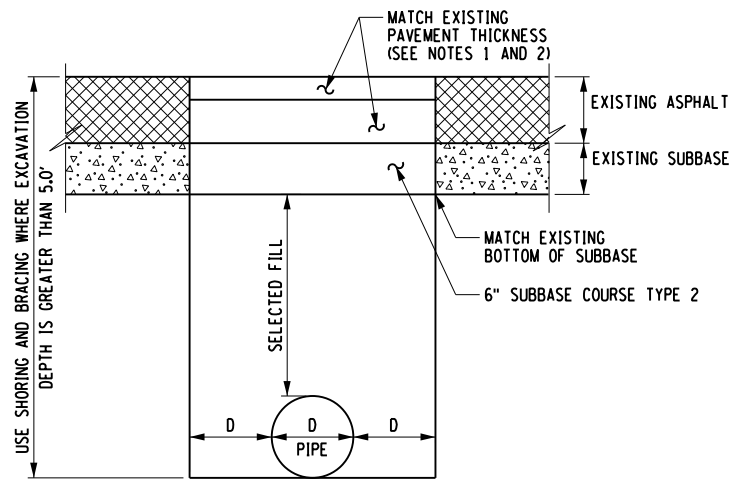


LEGEND
[Hatched Box] INVASIVE SPECIES



REVISED DRAWING
4/30/2024

FILE: N:\2023\123198 NYS005 - ART Phase 3\Working\0400.dgn\1682.apl03.dgn
 DATE: 4/30/2024
 USER: CFranter

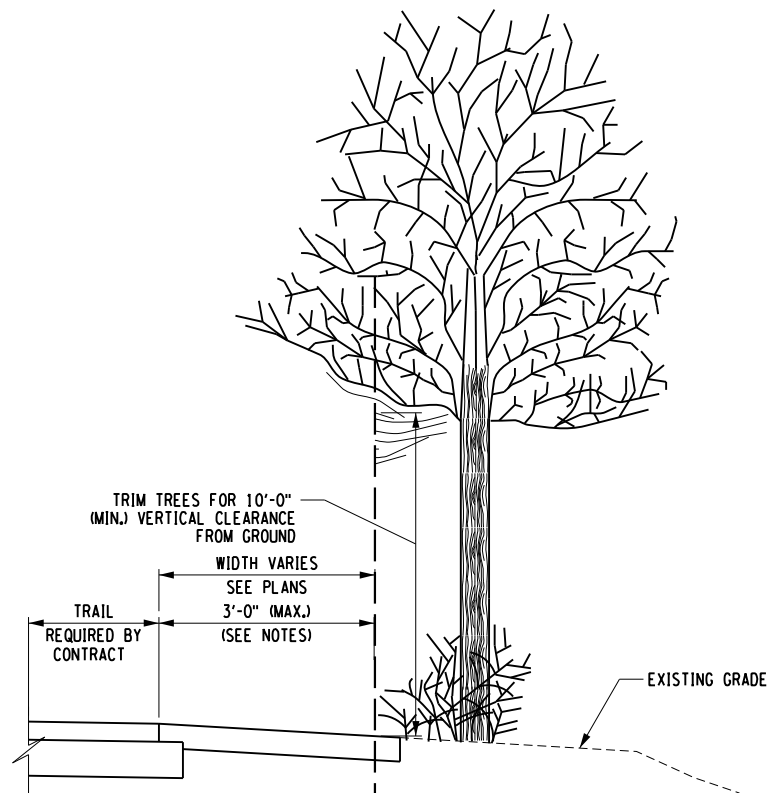


INSTALLATION OF PROPOSED DRAINAGE PIPE

(NOT TO SCALE)

NOTES:

1. DEPTH OF EXISTING ASPHALT AT DUAL CULVERT REPLACEMENT LOCATION IS 1 1/2" NYS TYPE 7 9.5MM ASPHALT TOP COURSE AND 2 1/2" TYPE 3 19MM ASPHALT BINDER COURSE.
2. FOR 42" SICPP CULVERT REINSTALLATION AT STA. TL 60+00 AND 30" SICPP CULVERT INSTALLATION IN SARANAC LAKE, INSTALL 3" TRAIL TOP COURSE MATERIAL AND 6" OF SUBBASE.

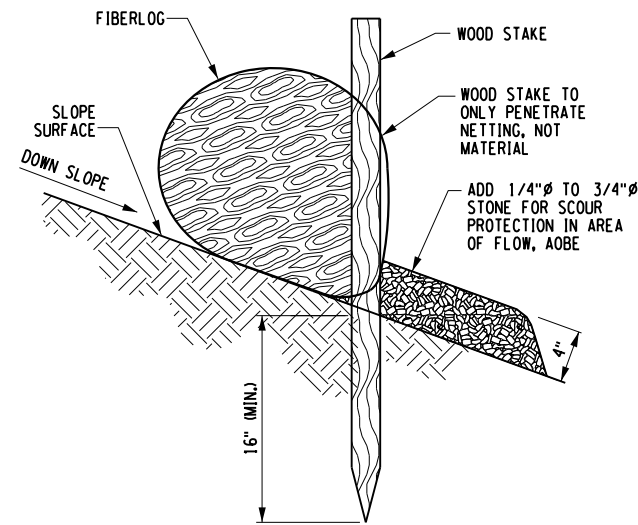


SITE CLEARING

(NOT TO SCALE)

SITE CLEARING NOTES:

1. FOR TOTAL LENGTH OF TRAIL CONTRACTOR SHALL PERFORM SITE CLEARING FROM EDGE OF TRAIL A MAXIMUM OF 3'-0" OR TO THE TOP OF THE SLOPE BREAK WHICHEVER OCCURS FIRST TO A 10'-0" VERTICAL CLEARANCE. CONTRACTOR IS REQUIRED TO CUT LIMBS AT THE BRANCH BASE. ANY EXISTING TREES NOT INDICATED ON THE PLACE FOR REMOVAL AND ARE 4" DIA OR LARGER WITHIN THE 3'-0" CLEAR AREA SHALL BE TAGGED. APPROVAL FOR THE REMOVAL OF TAGGED TREES SHALL BE GIVEN BY THE DIRECTORS REPRESENTATIVE.
2. FOR SPECIFIC LOCATIONS NOTED ON TRAIL GENERAL PLANS FOR SITE CLEARING, THE 3'-0" MAXIMUM DOES NOT APPLY IN THESE LOCATIONS, CONTRACTOR SHALL PERFORM SITE CLEARING TO THE GRADING LIMITS SHOWN.

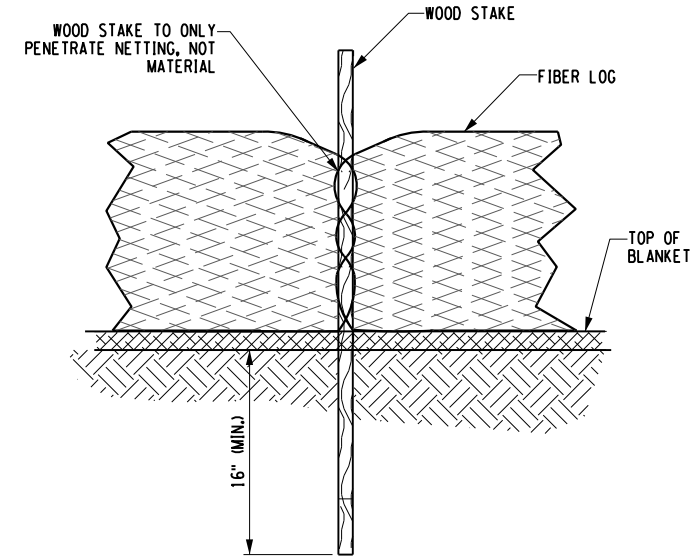


FIBER LOG STAKE DETAIL (ON BARE SOIL)

(NOT TO SCALE)

FIBER LOG CHECK DAM APPLICATION NOTES:

- A. THE PRIMARY PURPOSE OF A CHECK DAM IS TO REDUCE EROSION IN A CHANNEL BY REDUCING FLOW VELOCITY IN THE CHANNEL.
- B. CHECK DAMS WILL CAPTURE SEDIMENT THAT FALLS OUT OF SUSPENSION BEHIND THE CHECK DAM DUE TO DECREASED VELOCITY.
- C. CHECK DAMS ARE NOT INTENDED TO, AND WILL NOT FILTER SEDIMENT FROM TURBID WATER.

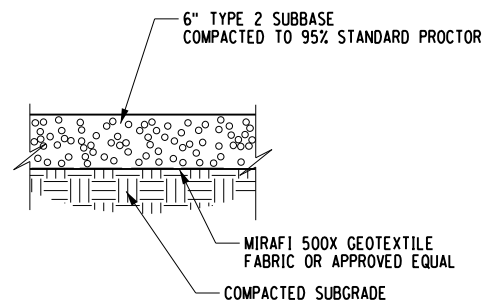


FIBER LOG STAKE DETAIL (FRONT VIEW)

(NOT TO SCALE)

NOTES:

1. DRAINAGE AREAS: MAXIMUM DRAINAGE AREA TRIBUTARY TO FIBER LOG CHECK DAM SHALL BE 1 ACRE. MAXIMUM DRAINAGE AREA TRIBUTARY TO PREFABRICATED CHECK DAM SHALL BE 1/2 ACRE.
2. POSTS MAY BE 1/4" x 1/4" (MIN.) HARDWOOD, 1/2" x 3/2" (MIN.) SOFTWOOD. ADDITIONAL POSTS ARE REQUIRED AT THE OUTER EDGES OF DITCH WIDTH.
3. THE FIBER LOG SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC AS SHOWN.
4. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT OF THE FIBER LOG. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

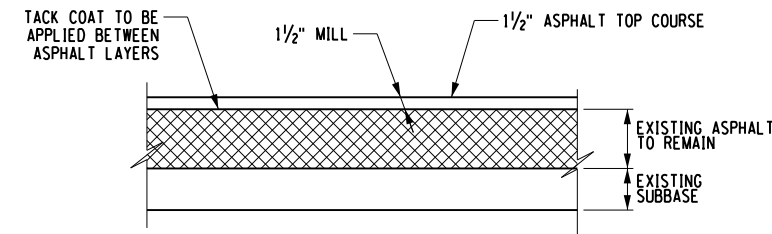


ROADWAY APRON DETAIL

(NOT TO SCALE)

NOTE:

1. CROSSED GRAVEL DRIVEWAY APRONS SHALL MATCH EXISTING WIDTH.



TUPPER LAKE PARKING LOT MILL AND FILL

(NOT TO SCALE)

NOTE:

1. CONTRACTOR TO MATCH EXISTING ASPHALT TOP COURSE, 1/2" NYS TYPE 7 9.5mm ASPHALT TOP COURSE

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.



CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

LOCATION: FLOODWOOD TO TUPPER LAKE

CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

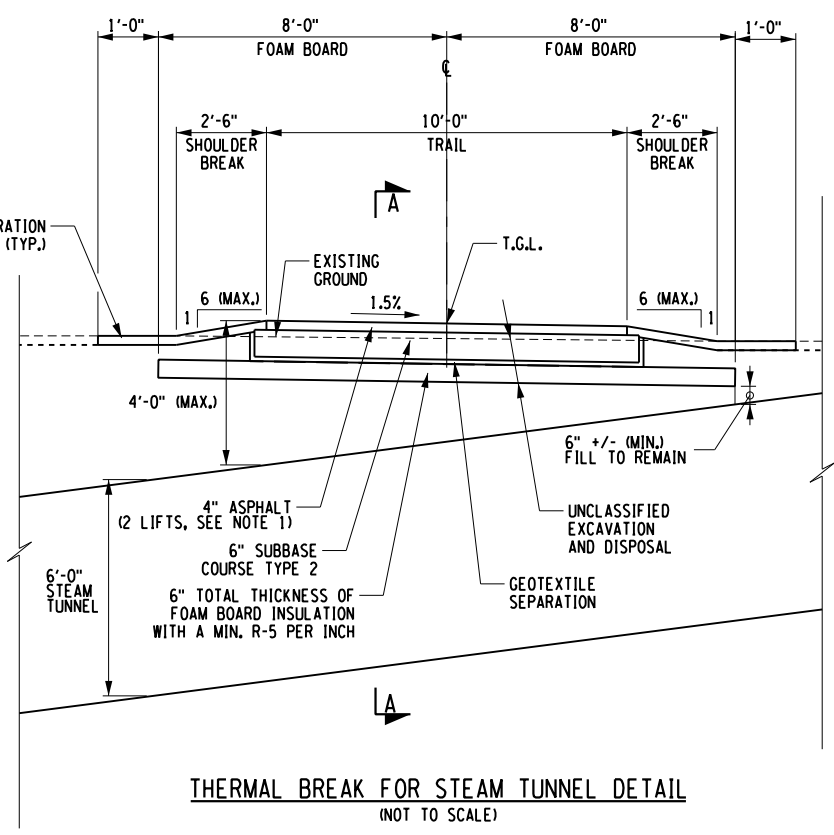
MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER:	47602-C	
DESIGNED BY:	C.D.F.	
DRAWN BY:	K.H.D.	
FIELD CHECK:	09/12/2023	
APPROVED:	D.D.A.	

MISCELLANEOUS DETAILS

DRAWING NUMBER: **C-506**

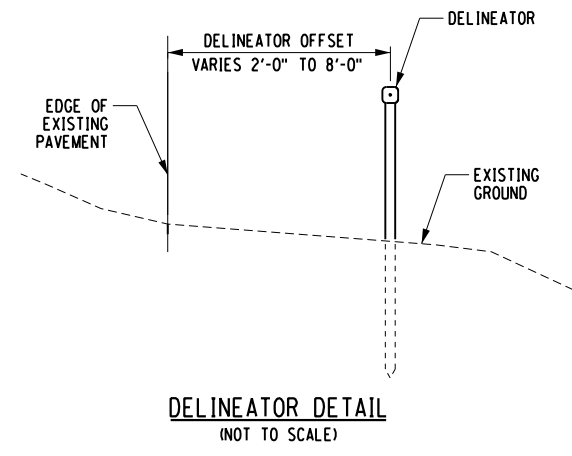
REVISED DRAWING
4/30/2024

1" SITE RESTORATION (TYP.)

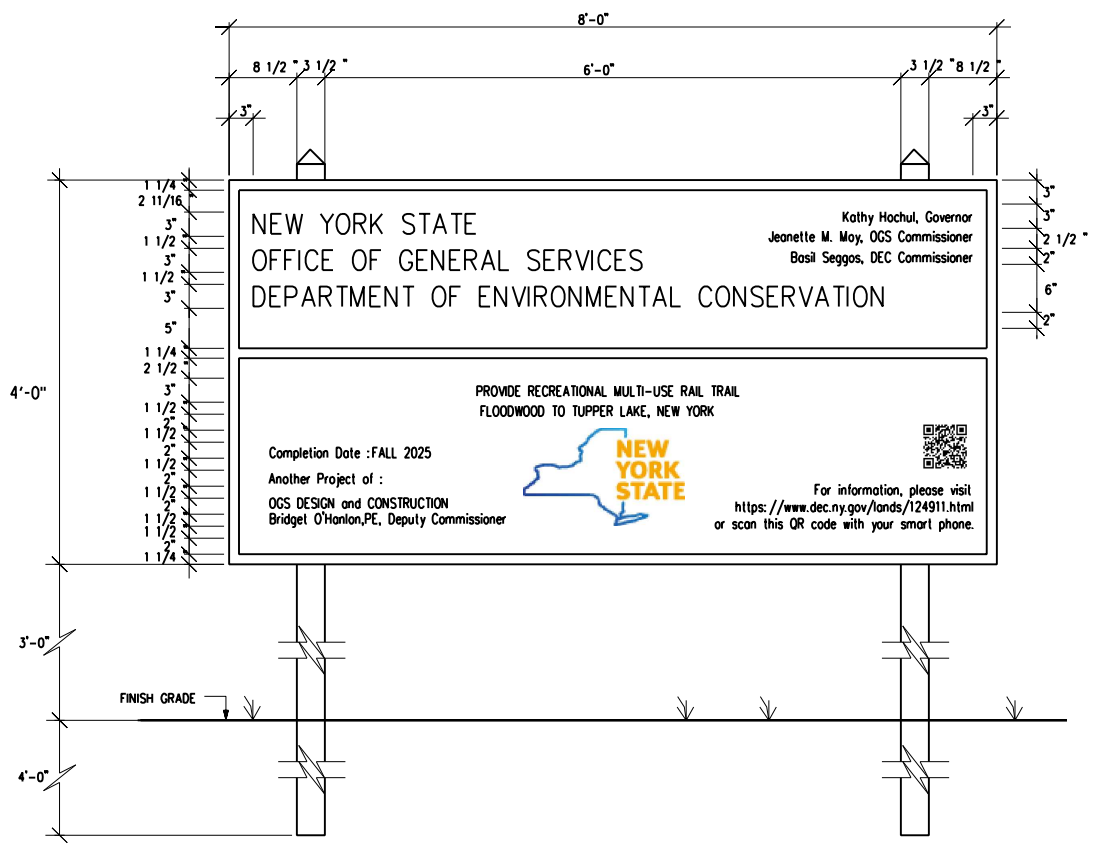


THERMAL BREAK FOR STEAM TUNNEL DETAIL (NOT TO SCALE)

NOTE:
1. ASPHALT TRAIL SECTION LIFTS TO INCLUDE 1.5" NYS TYPE 7 9.5MM ASPHALT TOP COURSE AND 2.5" NYS TYPE 3 19MM ASPHALT BINDER COURSE

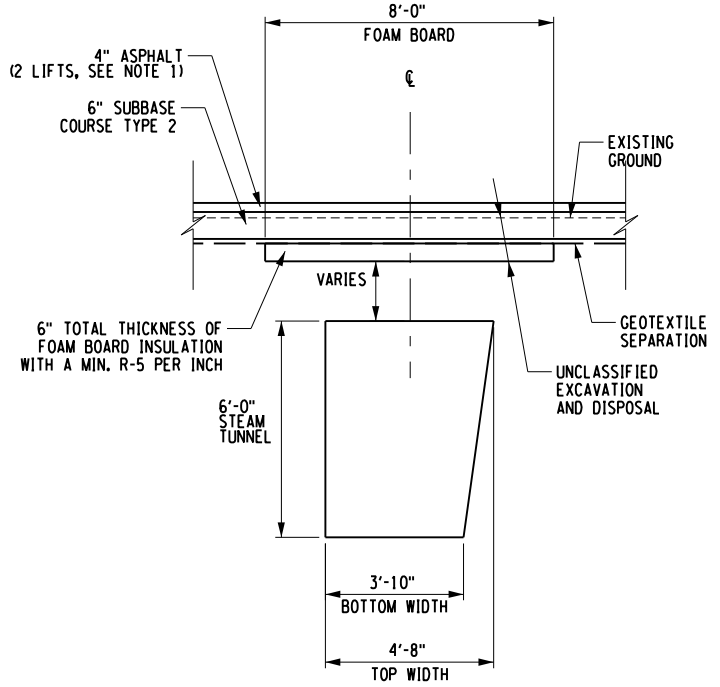


DELINEATOR DETAIL (NOT TO SCALE)



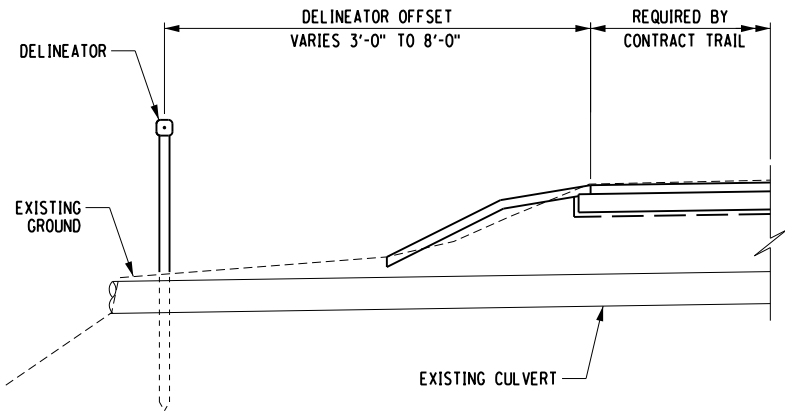
PROJECT IDENTIFICATION SIGN DETAIL (NOT TO SCALE)

NOTES:
1. CONTRACTOR TO REFER TO DIRECTOR'S REPRESENTATIVE FOR SIGN TEXT.
2. CONTRACTOR TO REFERENCE SPECIFICATION 015813 IN CONTRACT DOCUMENTS FOR ADDITIONAL DETAILS.
3. TWO PROJECT IDENTIFICATION SIGNS ARE INCLUDED IN THIS PROJECT. EXACT LOCATION TO BE DETERMINED BY DIRECTOR'S REPRESENTATIVE.



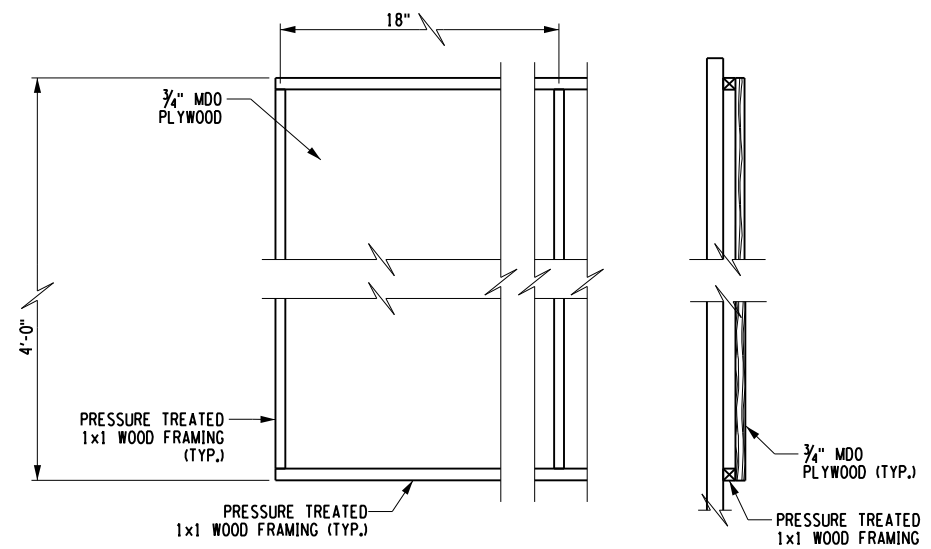
THERMAL BREAK FOR STEAM TUNNEL DETAIL SECTION A-A (NOT TO SCALE)

NOTE:
1. ASPHALT TRAIL SECTION LIFTS TO INCLUDE 1.5" NYS TYPE 7 9.5MM ASPHALT TOP COURSE AND 2.5" NYS TYPE 3 19MM ASPHALT BINDER COURSE



CULVERT DELINEATOR DETAIL (NOT TO SCALE)

CULVERT DELINEATOR NOTES:
1. WORK SHALL CONSIST OF INSTALLING A DELINEATOR AT EXISTING CULVERT LOCATION.
2. DELINEATOR OFFSET FROM THE EDGE OF THE TRAIL SHALL BE DETERMINED ON A CASE BY CASE SCENARIO BY THE DIRECTOR'S REPRESENTATIVE.
3. DIRECTOR'S REPRESENTATIVE SHALL DETERMINE WHICH SIDE OF THE TRAIL THE DELINEATOR WILL BE INSTALLED ON A CASE BY CASE SCENARIO.
4. EXISTING CULVERT NOTED TO HAVE DELINEATORS INSTALLED IN THE CULVERT DELINEATION TABLE THAT ARE NOT CALLED OUT OR IDENTIFIED ON THE GENERAL PLAN AND PROFILE SHEETS SHALL HAVE THEIR LOCATIONS VERIFIED IN THE FIELD BY THE DIRECTOR'S REPRESENTATIVE.



PARTIAL REAR ELEVATION DETAIL (NOT TO SCALE)

SECTION DETAIL (NOT TO SCALE)

REVISED DRAWING
4/30/2024

NEW YORK STATE Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT
Creighton Manning
CREIGHTON MANNING ENGINEERING, LLP

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.

STATE OF NEW YORK
DONALD D. ADAMS
LICENSED PROFESSIONAL ENGINEER
071963

CONTRACT: **CONSTRUCTION**
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION: FLOODWOOD TO TUPPER LAKE
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER:	47602-C	
DESIGNED BY:	C.D.F.	
DRAWN BY:	K.H.D.	
FIELD CHECK:	09/12/2023	
APPROVED:	D.D.A.	
SHEET TITLE: MISCELLANEOUS DETAILS		
DRAWING NUMBER: C-507		

17x11 PLOT SHEET
FILE: N:\Projects\47602\3123-198_NYS005 - ART Phase 3\Working\0400.dgn\47602_0106.dgn
DATE: 4/30/2024
USER: CFerriter

REFER TO SPECIFICATIONS
015813, 310101, 321216, 334113

TABLE OF TIMBER RAIL			
STATION		SIDE	LENGTH
FROM	TO		
TL 58+75.00	TL 62+00.00	RT	325
TL 59+25.00	TL 61+25.00	LT	200
TL 83+25.00	TL 84+75.00	RT	150
TL 83+25.00	TL 84+75.00	LT	150
TL 123+75.00	TL 125+00.00	RT	125
TL 123+75.00	TL 125+00.00	LT	125
TL 161+25.00	TL 162+50.00	RT	125
TL 205+50.00	TL 208+75.00	RT	325
TL 207+00.00	TL 210+00.00	LT	300
TL 225+25.00	TL 230+25.00	LT	500
TL 227+00.00	TL 231+00.00	RT	400
TL 233+25.00	TL 234+00.00	RT	75
TL 256+75.00	TL 259+00.00	RT	225
TL 266+50.00	TL 269+25.00	LT	275
TL 267+00.00	TL 269+50.00	RT	250
TL 271+75.00	TL 280+25.00	LT	850
TL 271+75.00	TL 280+00.00	RT	825
TL 280+25.00	TL 289+50.00	LT	825
TL 280+50.00	TL 289+00.00	RT	850
TL 308+50.00	TL 314+25.00	LT	575
TL 308+50.00	TL 320+75.00	RT	1225
TL 314+50.00	TL 320+00.00	LT	550
TL 337+50.00	TL 347+00.00	LT	950
TL 337+50.00	TL 351+25.00	RT	1375
TL 348+00.00	TL 354+50.00	LT	650
TL 354+00.00	TL 358+25.00	RT	425
TL 376+50.00	TL 383+50.00	LT	700
TL 376+50.00	TL 383+50.00	RT	700
TL 391+25.00	TL 395+50.00	RT	425
TL 405+00.00	TL 414+75.00	LT	975
TL 405+00.00	TL 414+75.00	RT	975
TL 414+80.00	TL 415+25.00	LT	45
TL 414+80.00	TL 415+25.00	RT	45
TL 420+25.00	TL 424+97.00	RT	472
TL 425+05.00	TL 425+79.00	RT	74
TL 425+87.00	TL 426+58.00	RT	71
TL 426+66.00	TL 426+75.00	RT	9
TL 437+50.00	TL 439+90.00	RT	240
TL 439+98.00	TL 442+03.00	RT	205
TL 443+11.00	TL 444+50.00	RT	139
TL 441+50.00	TL 450+50.00	LT	870
TL 451+00.00	TL 454+50.00	RT	350
TL 451+50.00	TL 454+25.00	LT	275
TL 457+25.00	TL 460+45.00	RT	320
TL 458+00.00	TL 459+50.00	LT	150
AS ORDERED BY DIRECTOR'S REPRESENTATIVE			310

TABLE OF TIMBER GUIDE RAIL			
STATION		SIDE	LENGTH
FROM	TO		
TL 32+29	TL 32+33	RT	24
TL 32+40	TL 32+42	RT	10
TL 35+00	TL 35+20	RT	20
TL 35+66	TL 35+86	RT	20
TL 37+97	TL 38+45	RT	48
TL 39+50	TL 39+90	RT	48
TL 40+09	TL 40+23	RT	16
TL 42+75	TL 42+88	LT	12
TL 43+17	TL 43+27	LT	12
TL 43+50	TL 43+50	LT	10
TL 43+50	TL 43+50	RT	12
TL 171+75	TL 171+75	LT	8
TL 171+75	TL 171+75	RT	16
TL 172+75	TL 172+75	LT	8
TL 172+75	TL 172+75	RT	12
TL 358+00	TL 358+00	LT	10
TL 358+00	TL 358+00	RT	12
TL 436+00	TL 436+00	LT	12
TL 436+00	TL 436+00	RT	8
TL 460+50	TL 460+50	LT	8
AS ORDERED BY DIRECTOR'S REPRESENTATIVE			40

TABLE OF WETLAND PROTECTION BARRIER			
STATION		SIDE	LENGTH
FROM	TO		
TL 57+35.00	TL 57+50.00	RT	15
TL 58+07.00	TL 60+87.00	RT	280
TL 67+35.00	TL 68+45.00	RT	10
TL 68+55.00	TL 68+95.00	RT	40
TL 69+75.00	TL 70+90.00	RT	115
TL 77+85.00	TL 78+70.00	RT	85
TL 79+65.00	TL 79+85.00	RT	20
TL 80+55.00	TL 81+15.00	RT	60
TL 82+90.00	TL 84+50.00	RT	160
TL 86+70.00	TL 89+15.00	RT	245
TL 90+35.00	TL 92+65.00	RT	230
TL 94+25.00	TL 95+65.00	RT	140
TL 96+00.00	TL 96+20.00	RT	20
TL 104+00.00	TL 104+25.00	RT	25
TL 105+46.00	TL 105+96.00	RT	50
TL 122+47.00	TL 124+62.00	RT	215
TL 125+13.00	TL 126+98.00	RT	185
TL 127+08.00	TL 127+33.00	RT	25
TL 127+67.00	TL 129+07.00	RT	140
TL 134+00.00	TL 134+65.00	RT	65
TL 183+91.00	TL 184+11.00	RT	20
TL 207+56.00	TL 208+01.00	RT	45
TL 223+46.00	TL 223+91.00	RT	45
TL 254+55.00	TL 257+70.00	RT	315
TL 257+95.00	TL 258+55.00	RT	60
TL 292+97.00	TL 293+47.00	RT	50
TL 326+40.00	TL 330+00.00	RT	360
TL 333+71.00	TL 335+31.00	RT	160
TL 341+39.00	TL 341+59.00	RT	20
TL 376+00.00	TL 383+80.00	RT	780

TABLE OF GUSSET PLATES AND GATE MODIFICATIONS		
NORTHING	EASTING	
2004232.1904	586610.2149	
2004204.4422	586700.4157	
2004162.3478	586845.8519	
2004146.1296	586905.6877	
2003403.4832	587986.3649	
2003380.5700	588029.4770	
2003037.0369	588676.2897	
2002992.0459	588781.7224	
2002957.8566	588898.7338	
2002921.7019	588965.7674	
2002848.2482	590100.0962	
2002836.4052	590170.8696	
2002086.1939	590767.6655	
2002003.2687	590788.7837	
2000601.0456	591487.3436	
2000557.1958	591532.7772	
1999027.5636	592273.8156	
1998971.4643	592277.4555	
1993865.7914	593965.9518	
1993824.2066	593926.0139	
1989838.7106	596275.9380	
1989854.2560	596323.9124	
1989637.5327	597735.2509	
1989624.5156	597801.0211	
1989682.6800	598811.4265	
1989693.6772	598869.0665	
1990251.1025	600471.2275	
1989907.5106	604795.7808	
1989898.9364	604822.7764	
1984070.8150	623069.2235	
1984078.3424	623124.4265	
1983335.0837	625537.4541	

TABLE OF WETLAND PROTECTION BARRIER			
STATION		SIDE	LENGTH
FROM	TO		
TL 63+25.00	TL 64+35.00	LT	110
TL 85+25.00	TL 86+45.00	LT	20
TL 87+39.00	TL 87+94.00	LT	55
TL 88+99.00	TL 89+29.00	LT	30
TL 106+29.00	TL 106+59.00	LT	30
TL 109+47.00	TL 109+77.00	LT	30
TL 123+00.00	TL 126+80.00	LT	380
TL 132+43.00	TL 132+58.00	LT	15
TL 148+50.00	TL 148+75.00	LT	25
TL 175+11.00	TL 177+61.00	LT	250
TL 182+34.00	TL 183+89.00	LT	155
TL 184+12.00	TL 184+82.00	LT	70
TL 185+20.00	TL 185+30.00	LT	10
TL 187+22.00	TL 187+32.00	LT	10
TL 187+80.00	TL 191+30.00	LT	350
TL 192+38.00	TL 198+18.00	LT	580
TL 206+78.00	TL 206+98.00	LT	20
TL 212+69.00	TL 212+94.00	LT	25
TL 228+10.00	TL 228+70.00	LT	60
TL 256+20.00	TL 256+30.00	LT	10
TL 267+65.00	TL 268+00.00	LT	35
TL 268+47.00	TL 268+87.00	LT	40
TL 326+24.00	TL 330+59.00	LT	435
TL 330+86.00	TL 331+26.00	LT	40
TL 334+44.00	TL 334+54.00	LT	10
TL 335+77.00	TL 336+67.00	LT	90

TABLE OF BEAVER DETERRENT DEVICES		
LOCATION	DEVICE DETAIL	
TL 60+00	DWG. C-505, DETAIL 6	
TL 60+05	DWG. C-505, DETAIL 5	
TL 84+02	DWG. C-505, DETAIL 6	
TL 84+06	DWG. C-505, DETAIL 6	
TL 205+21	DWG. C-505, DETAIL 5	
TL 228+60	DWG. C-505, DETAIL 6	
TL 285+80	DWG. C-505, DETAIL 6	
TL 349+80	DWG. C-505, DETAIL 6	
TL 394+70	DWG. C-505, DETAIL 6	
NORTHING	EASTING	
2006871.3087	517637.0645	DWG. C-505, DETAIL 5
2011087.0543	522421.0054	DWG. C-505, DETAIL 5
2010488.2140	521809.0448	DWG. C-505, DETAIL 5
2013503.9537	535276.3017	DWG. C-505, DETAIL 5
2013356.3530	535901.5489	DWG. C-505, DETAIL 5
2013133.4797	538370.5906	DWG. C-505, DETAIL 5
2010588.4904	568078.7612	DWG. C-505, DETAIL 5
2009535.7690	576231.2637	DWG. C-505, DETAIL 5
1993183.3227	593988.6306	DWG. C-505, DETAIL 5
1992267.7199	594074.4967	DWG. C-505, DETAIL 5
1991972.8592	594101.9959	DWG. C-505, DETAIL 5
1991536.4191	594142.6644	DWG. C-505, DETAIL 5
1990462.8989	603818.0512	DWG. C-505, DETAIL 6
1989473.6951	606416.9641	DWG. C-505, DETAIL 5
1988422.5248	607434.4502	DWG. C-505, DETAIL 5
1987964.8953	607888.8953	DWG. C-505, DETAIL 5
1987731.9161	608119.7336	DWG. C-505, DETAIL 5
1983442.4071	619503.6407	DWG. C-505, DETAIL 5

TABLE OF SITE CLEARING LIMITS			
STATION		SIDE	AREA (SF)
FROM	TO		
TL 55+33	TL 61+20	RT	2608
TL 60+04	TL 60+11	LT	18
TL 62+18	TL 67+71	LT	2497
TL 63+55	TL 63+95	RT	79
TL 67+00	TL 70+49	RT	1234
TL 71+75	TL 73+00	RT	475
TL 76+39	TL 77+09	LT	148
TL 82+06	TL 84+77	LT	645
TL 83+97	TL 84+10	RT	80
TL 85+56	TL 91+02	LT	3551
TL 86+86	TL 87+68	RT	137
TL 90+50	TL 97+14	RT	2706
TL 97+96	TL 98+78	RT	473
TL 99+00	TL 99+90	RT	755
TL 100+93	TL 104+87	RT	2022
TL 102+46	TL 104+55	LT	715
TL 105+72	TL 106+77	RT	245
TL 106+92	TL 107+71	RT	184
TL 108+00	TL 116+45	RT	2599
TL 117+56	TL 118+35	RT	125
TL 118+03	TL 118+20	LT	79
TL 120+76	TL 125+57	LT	1268
TL 121+60	TL 127+47	RT	2031
TL 126+00	TL 132+80	LT	1293
TL 128+70	TL 136+00	RT	3413
TL 133+67	TL 134+82	LT	248
TL 139+16	TL 139+75	LT	102
TL 143+70	TL 144+78	RT	299
TL 144+06	TL 145+22	LT	241
TL 148+92	TL 149+41	RT	121
TL 149+00	TL 149+07	LT	2
TL 160+50	TL 160+83	RT	84
TL 162+37	TL 162+71	LT	56
TL 171+96	TL 172+18	RT	218
TL 174+90	TL 177+13	LT	450
TL 176+28	TL 177+22	RT	127
TL 177+60	TL 197+67	LT	9924
TL 180+62	TL 183+19	RT	351
TL 183+85	TL 184+23	RT	93
TL 189+65	TL 190+75	RT	426
TL 197+83	TL 199+27	RT	560
TL 199+78	TL 210+70	LT	5046
TL 207+50	TL 208+23	RT	151
TL 212+45	TL 215+12	LT	1159
TL 218+75	TL 219+61	LT	339
TL 222+00	TL 223+12	LT	294
TL 222+62	TL 223+10	RT	110
TL 223+32	TL 223+90	RT	143
TL 223+68	TL 227+39	LT	1566
TL 226+98	TL 231+04	RT	1658
TL 228+00	TL 229+45	LT	685
TL 230+44	TL 230+85	LT	45
TL 239+92	TL 241+76	RT	779
TL 242+11	TL 242+96	RT	395
TL 243+92	TL 245+52	RT	162

TABLE OF SILT FENCING/FIBER LOG INSTALLATIONS			
STATION		SIDE	LENGTH
FROM	TO		
TL 36+15	TL 38+25	LT	210
TL 36+15	TL 38+25	RT	210
TL 38+50	TL 39+60	RT	110
TL 39+05	TL 96+75	LT	5770
TL 40+00	TL 96+75	RT	5675
TL 101+25	TL 172+2		

WARNING:
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CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

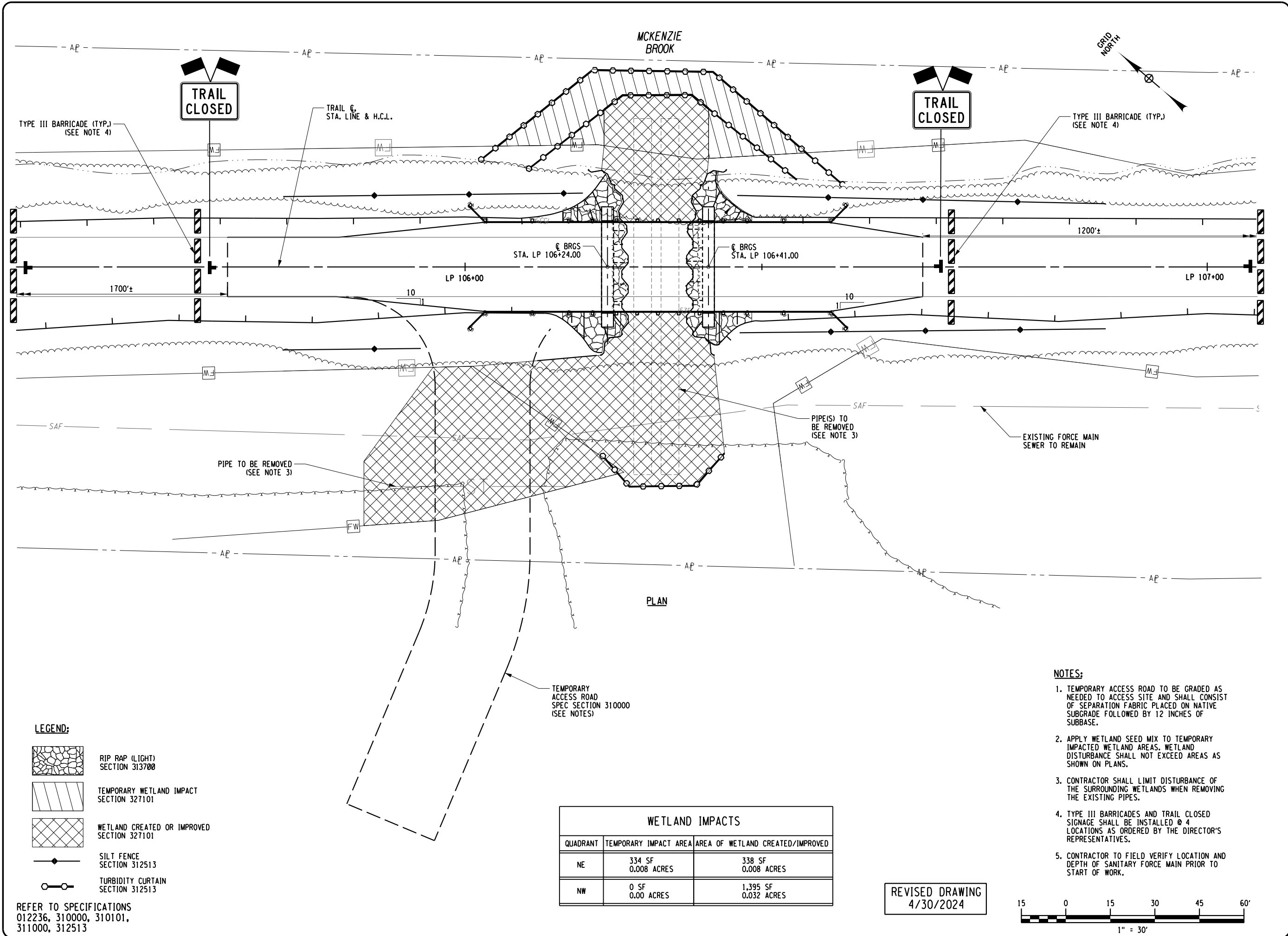
LOCATION: FLOODWOOD TO TUPPER LAKE

CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BD DOCUMENTS
PROJECT NUMBER: 47602-C		
DESIGNED BY:	A.B., L.F. & L.S.	
DRAWN BY:	K.H.D.	
FIELD CHECK:	09/12/2023	
APPROVED:	D.D.A.	

EROSION CONTROL SEDIMENT CONTROL PLAN

DRAWING NUMBER: **S-401**



PLAN

- LEGEND:**
- RIP RAP (LIGHT) SECTION 313700
 - TEMPORARY WETLAND IMPACT SECTION 327101
 - WETLAND CREATED OR IMPROVED SECTION 327101
 - SILT FENCE SECTION 312513
 - TURBIDITY CURTAIN SECTION 312513

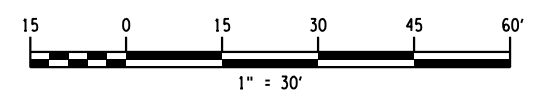
REFER TO SPECIFICATIONS
012236, 310000, 310101,
311000, 312513

TEMPORARY ACCESS ROAD
SPEC SECTION 310000
(SEE NOTES)

WETLAND IMPACTS		
QUADRANT	TEMPORARY IMPACT AREA	AREA OF WETLAND CREATED/IMPROVED
NE	334 SF 0.008 ACRES	338 SF 0.008 ACRES
NW	0 SF 0.00 ACRES	1,395 SF 0.032 ACRES

REVISED DRAWING
4/30/2024

- NOTES:**
- TEMPORARY ACCESS ROAD TO BE GRADED AS NEEDED TO ACCESS SITE AND SHALL CONSIST OF SEPARATION FABRIC PLACED ON NATIVE SUBGRADE FOLLOWED BY 12 INCHES OF SUBBASE.
 - APPLY WETLAND SEED MIX TO TEMPORARY IMPACTED WETLAND AREAS. WETLAND DISTURBANCE SHALL NOT EXCEED AREAS AS SHOWN ON PLANS.
 - CONTRACTOR SHALL LIMIT DISTURBANCE OF THE SURROUNDING WETLANDS WHEN REMOVING THE EXISTING PIPES.
 - TYPE III BARRICADES AND TRAIL CLOSED SIGNAGE SHALL BE INSTALLED @ 4 LOCATIONS AS ORDERED BY THE DIRECTOR'S REPRESENTATIVES.
 - CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF SANITARY FORCE MAIN PRIOR TO START OF WORK.



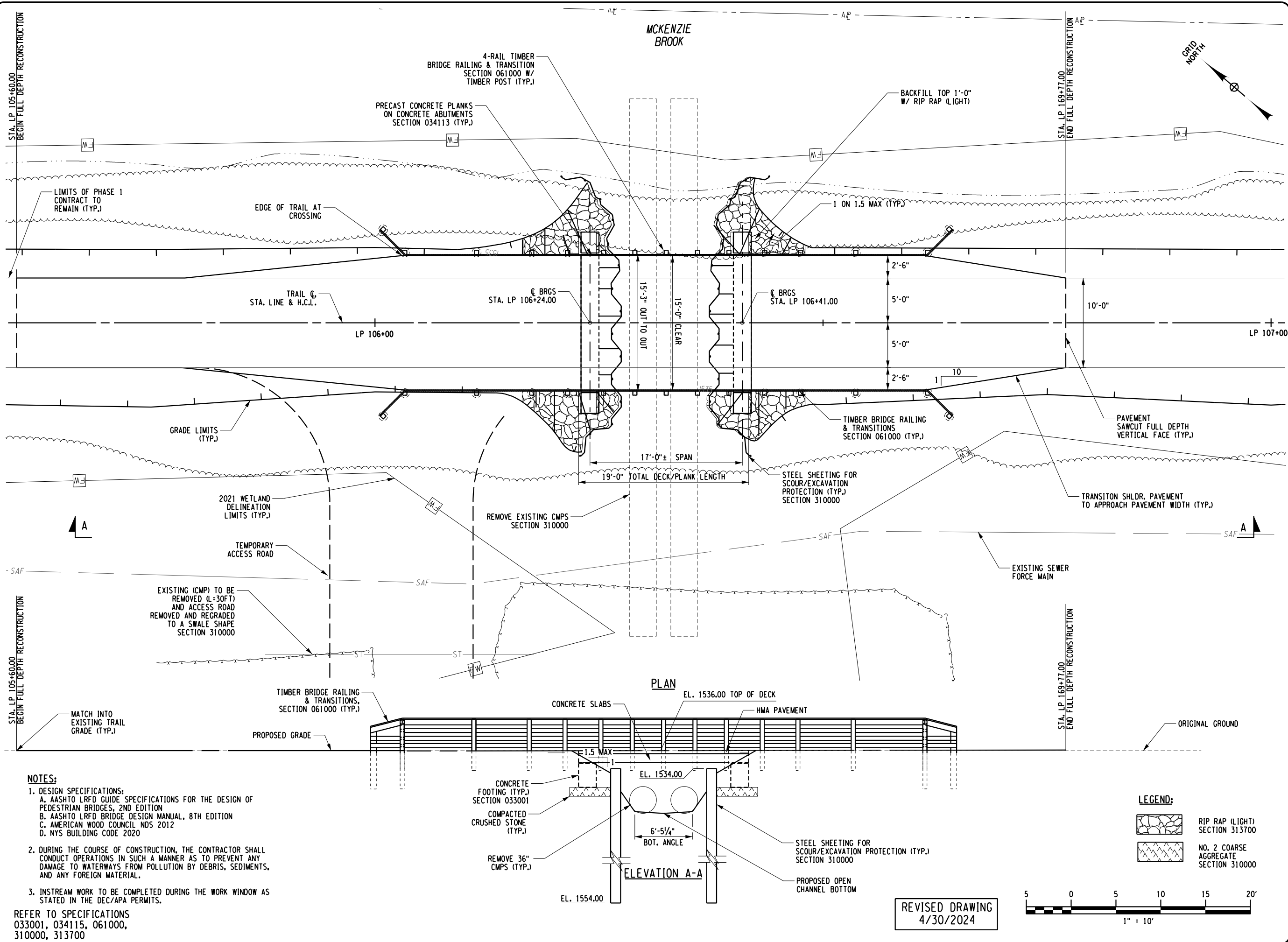
FILE: N:\Projects\47602\47602-01\Drawings\Structures\47602_S-401.dwg
 DATE: 4/30/2024
 USER: CFennell
 17x11 PLOT SHEET

WARNING:
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CONSTRUCTION
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION: FLOODWOOD TO TUPPER LAKE
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER: 47602-C		
DESIGNED BY:	A.B., L.F. & L.S.	
DRAWN BY:	K.H.D.	
FIELD CHECK:	09/12/2023	
APPROVED:	D.D.A.	
SHEET TITLE: GENERAL PLAN & SECTION MCKENZIE BROOK		
DRAWING NUMBER: S-402		
SHEET 136 OF 143		

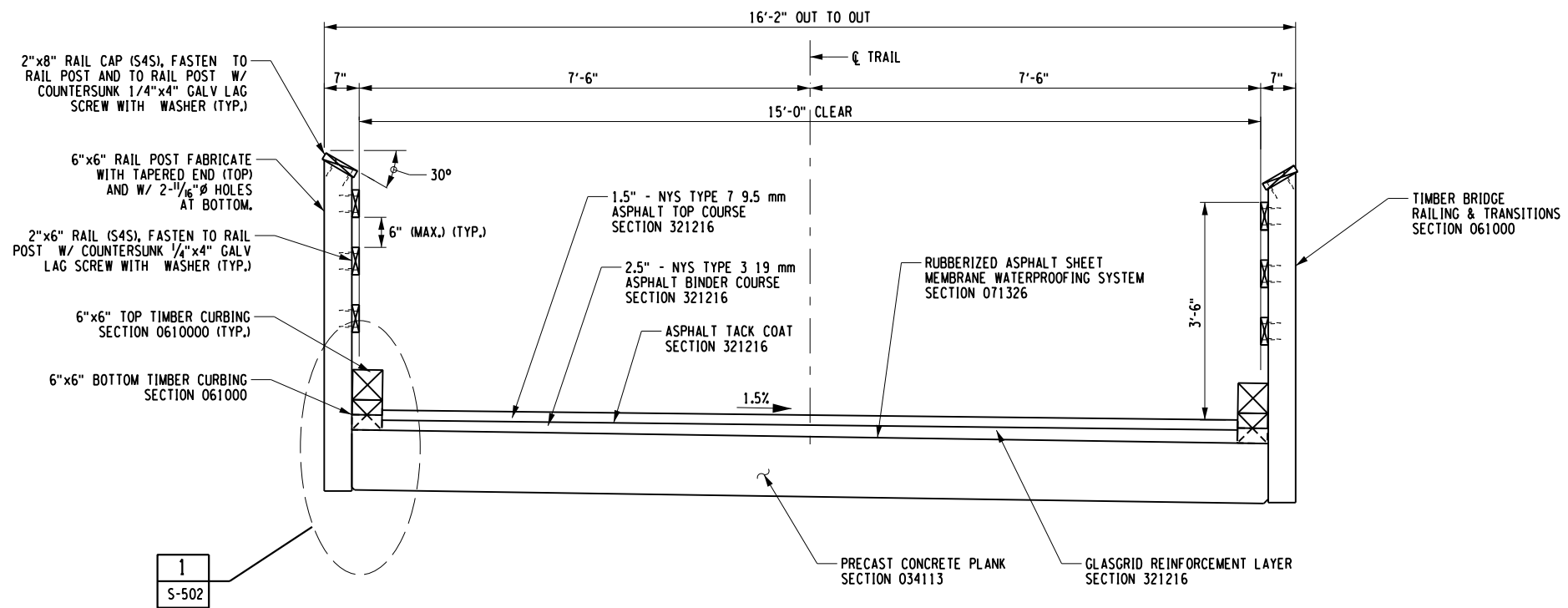


- NOTES:**
- DESIGN SPECIFICATIONS:
 - A. AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION
 - B. AASHTO LRFD BRIDGE DESIGN MANUAL, 8TH EDITION
 - C. AMERICAN WOOD COUNCIL NDS 2012
 - D. NYS BUILDING CODE 2020
 - DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO WATERWAYS FROM POLLUTION BY DEBRIS, SEDIMENTS, AND ANY FOREIGN MATERIAL.
 - INSTREAM WORK TO BE COMPLETED DURING THE WORK WINDOW AS STATED IN THE DEC/APA PERMITS.

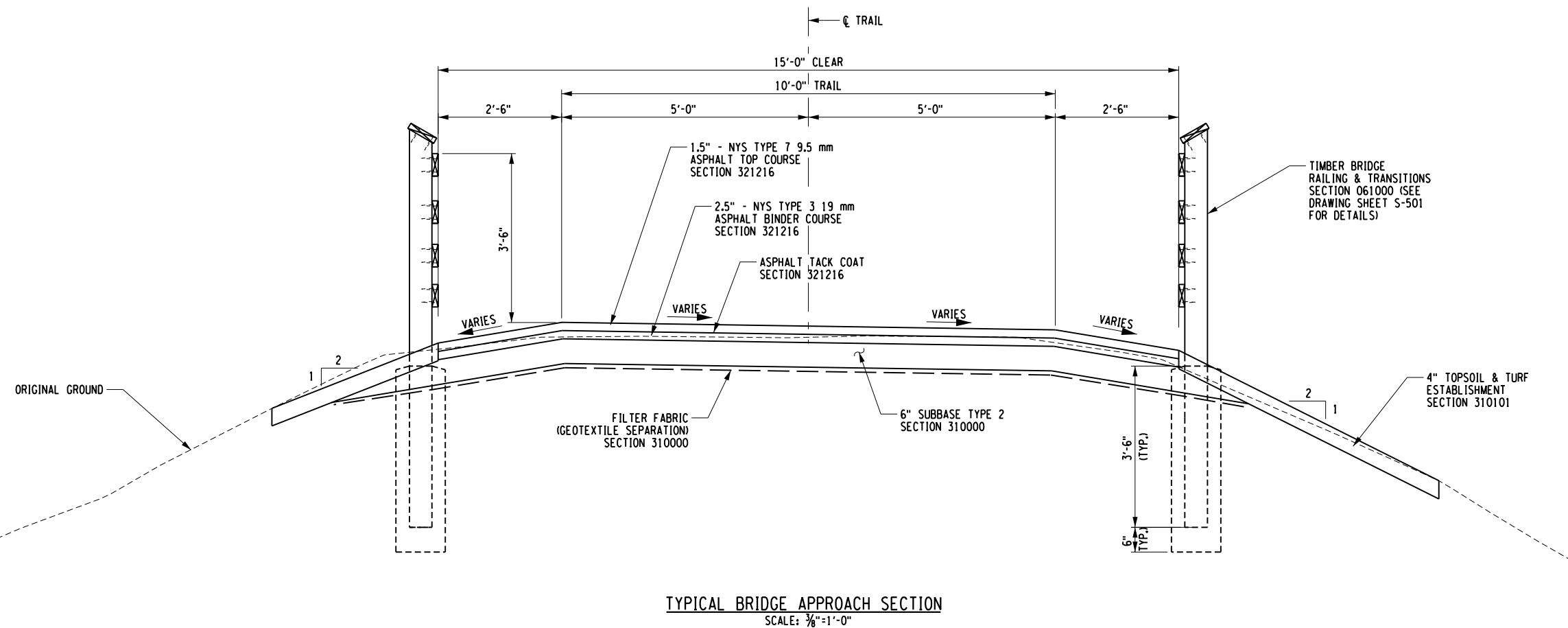
REFER TO SPECIFICATIONS
033001, 034115, 061000,
310000, 313700

REVISED DRAWING
4/30/2024

FILE: N:\Projects\47602\2023\123-198_NYSDEC - ART Phase 3\Working\0400.dgn Structures\17682_S915.dgn
DATE: 4/30/2024
USER: CFennell
17x11 PLOT SHEET

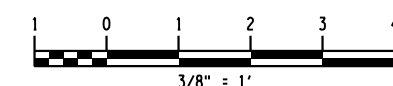


TYPICAL BRIDGE SECTION
SCALE: 3/8"=1'-0"



TYPICAL BRIDGE APPROACH SECTION
SCALE: 3/8"=1'-0"

REVISED DRAWING
4/30/2024



FILE: N:\Projects\47602\47602-123-198_NYS005 - ART Phase 3\Working\0000.dgn Structures\17862.198.dgn
 DATE: 4/30/2024
 USER: CF@cmr

REFER TO SPECIFICATIONS
034113, 061000, 071326, 310000,
310101, 321216

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CONTRACT: **CONSTRUCTION**
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION: FLOODWOOD TO TUPPER LAKE
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER: 47602-C		
DESIGNED BY: A.B., L.F., & L.S.		
DRAWN BY: K.H.D.		
FIELD CHECK: 09/12/2023		
APPROVED: D.D.A.		

SHEET TITLE:
**TYPICAL SECTIONS
MCKENZIE BROOK**

DRAWING NUMBER:
S-403
SHEET 137 OF 143

WARNING:
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CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

LOCATION: FLOODWOOD TO TUPPER LAKE

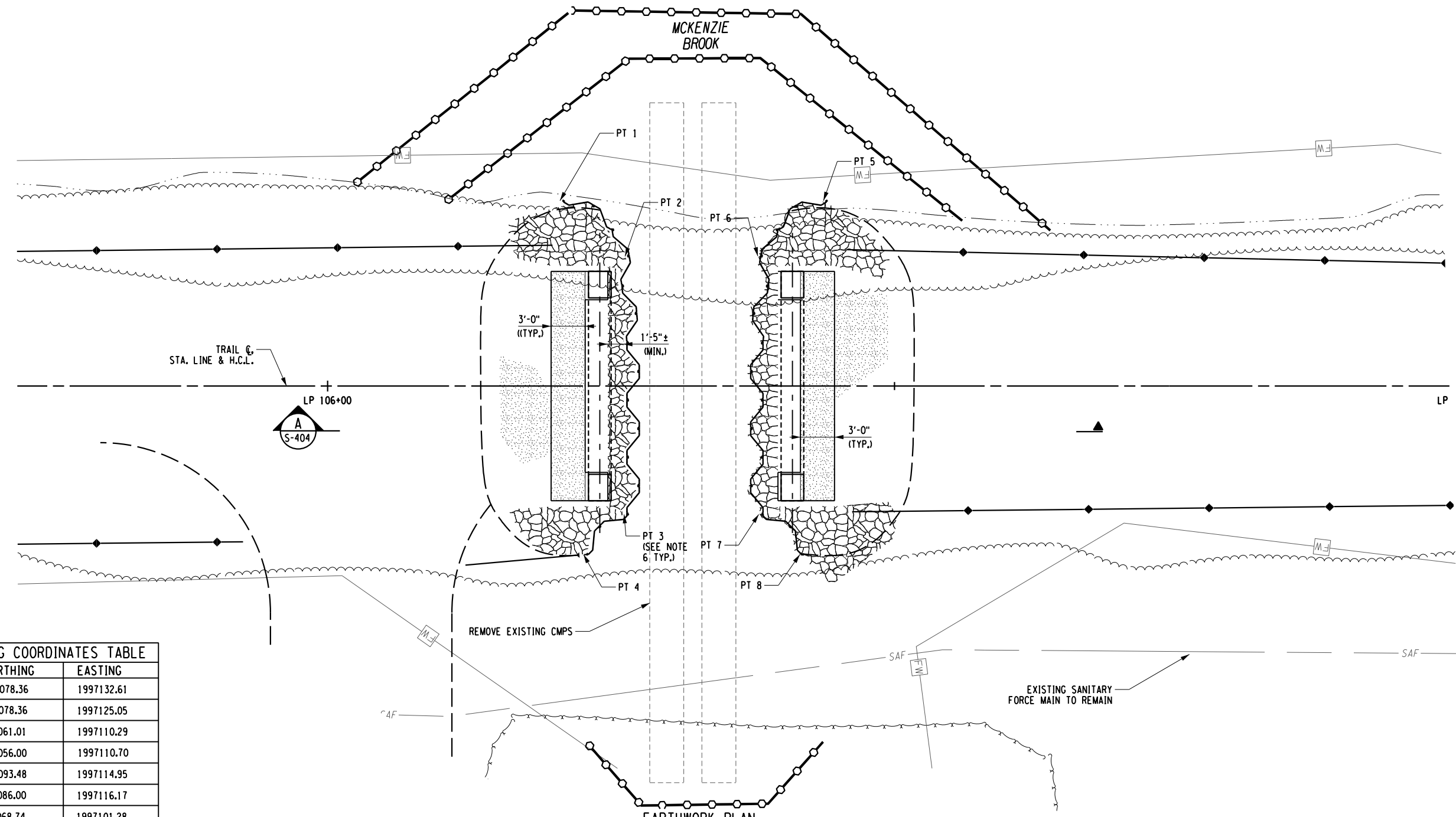
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS

PROJECT NUMBER: **47602-C**
DESIGNED BY: A.B., L.F. & L.S.
DRAWN BY: K.H.D.
FIELD CHECK: 09/12/2023
APPROVED: D.D.A.

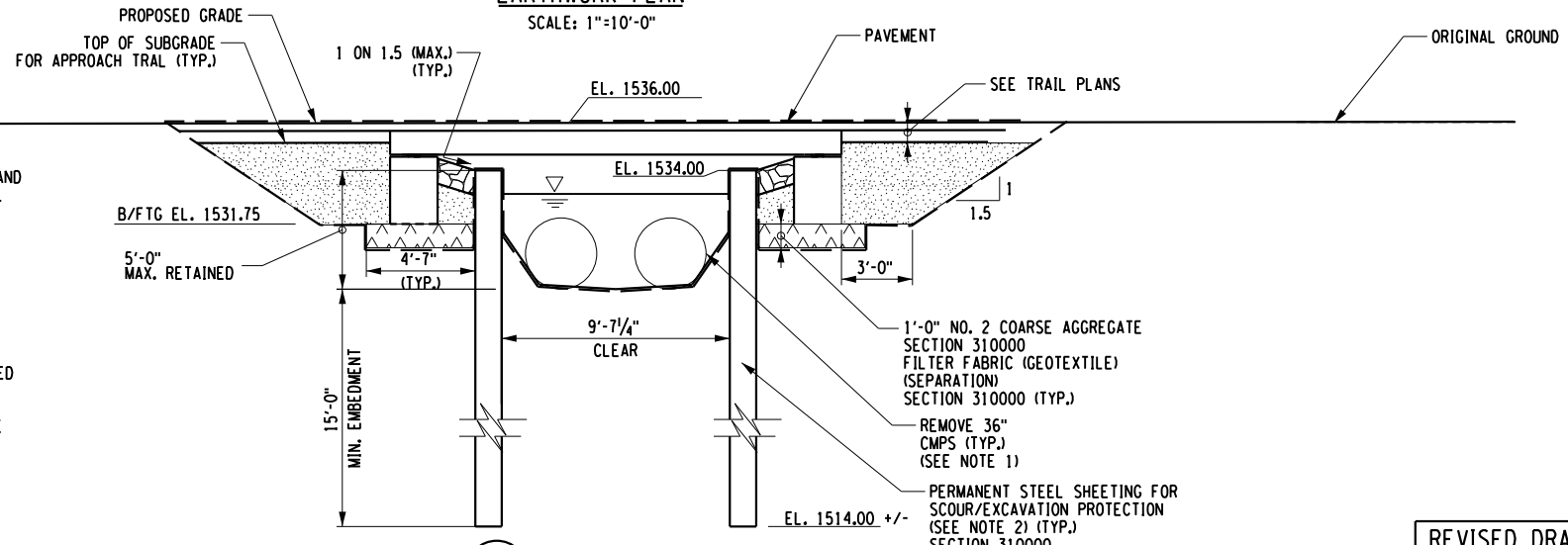
**EARTHWORK PLAN
MCKENZIE BROOK**

SHEET TITLE: **S-404**



SHEETING COORDINATES TABLE

POINT	NORTHING	EASTING
PT 1	593078.36	1997132.61
PT 2	593078.36	1997125.05
PT 3	593061.01	1997110.29
PT 4	593056.00	1997110.70
PT 5	593093.48	1997114.95
PT 6	593086.00	1997116.17
PT 7	593068.74	1997101.28
PT 8	593068.41	1997096.21



- NOTES:**
- REMOVE EXISTING PIPES AFTER INSTALLATION OF STEEL SHEETING, TURBIDITY CURTAINS, AND OTHER EROSION CONTROL MEASURES, REMOVAL OF PIPES FROM DRY CONDITIONS W/ MINIMAL STREAM DISTURBANCE.
 - PROVIDE SHEETING WITH MIN. SECTION MODULUS OF 18.1 IN³/FT.
 - THE STEEL SHEETING SHALL CONFORM TO ASTM A572, GRADE 50 MIN.
 - MINIMUM EMBEDMENT OF SHEET PILING AS MEASURED FROM INVERT OF STREAM BOTTOM SHALL BE 15.00 FT
 - THE CONTRACTOR SHALL ACCOMPLISH IN-STREAM WORK DURING THE WORK WINDOW AS STATED IN THE DEC/APA PERMITS.
 - THE CONTRACTOR SHALL PROVIDE A SHEET PILE CORNER CONNECTOR COMPATIBLE WITH THE SHEET PILE TYPE/SIZE SELECTED BY THE CONTRACTOR, CONTRACTOR SHALL SUBMIT SHEETING AND CORNER CONNECTION DETAILS TO BE REVIEWED BY THE DIRECTORS REPRESENTATIVES PER SPEC SECTION 310000.

- LEGEND:**
- SELECTED FILL SECTION 310000
 - RIP-RAP (LIGHT) SECTION 313700
 - No. 2 COARSE AGGREGATE SECTION 310000
 - LIMITS OF STRUCTURE EXCAVATION, SECTION 310000
 - SILT FENCE SECTION 312513
 - TURBIDITY CURTAIN SECTION 312513

REVISED DRAWING
4/30/2024

REFER TO SPECIFICATIONS
310000, 312513, 313700

FILE: N:\Projects\47602\47602-123-198_NYSDEC - RFT_Phase 3\Working\0400.dgn Structures\17862.Evdjgn 17x11 PLOT SHEET

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CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

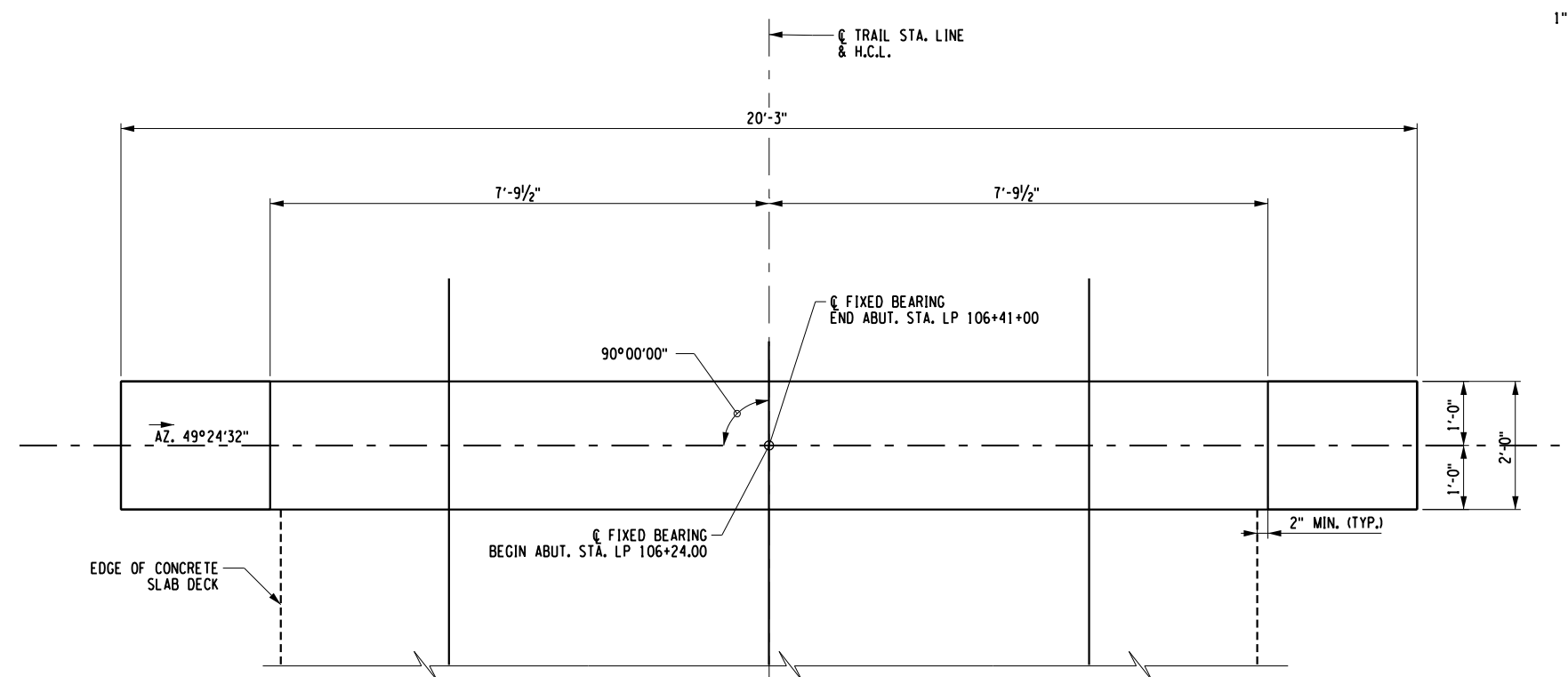
LOCATION: FLOODWOOD TO TUPPER LAKE

CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

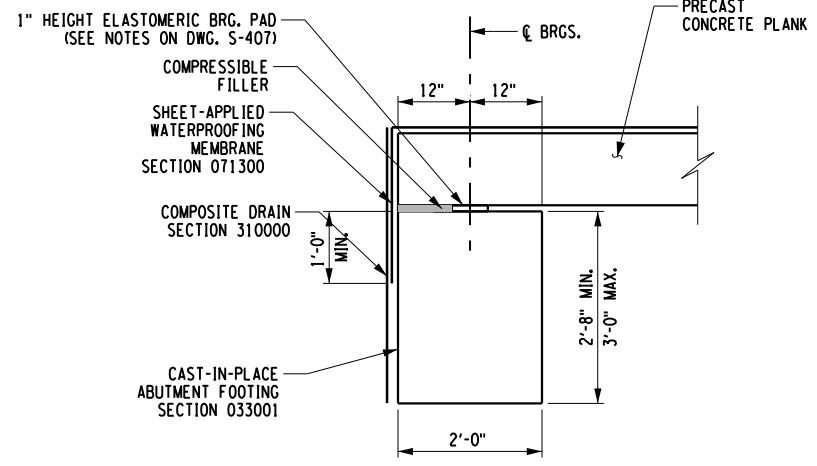
PROJECT NUMBER:	47602-C
DESIGNED BY:	A.B., L.F. & L.S.
DRAWN BY:	K.H.D.
FIELD CHECK:	09/12/2023
APPROVED:	D.D.A.
SHEET TITLE:	

ABUTMENT PLAN, ELEVATION & SECTIONS MCKENZIE BROOK

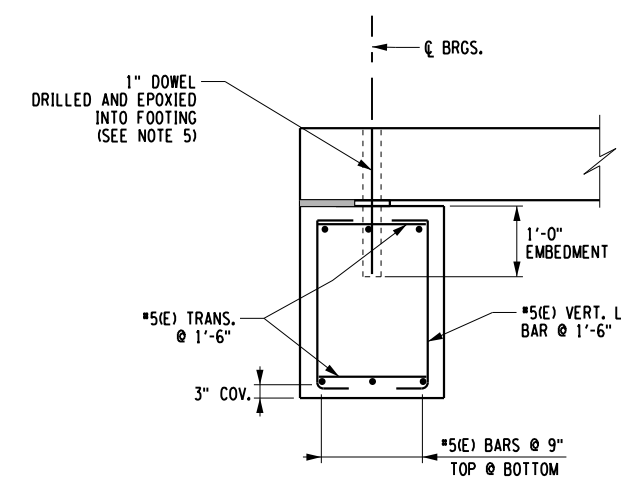
DRAWING NUMBER: **S-405**



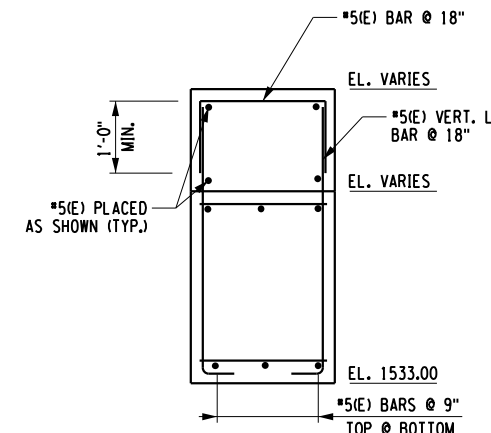
BEGIN/END ABUTMENT PLAN



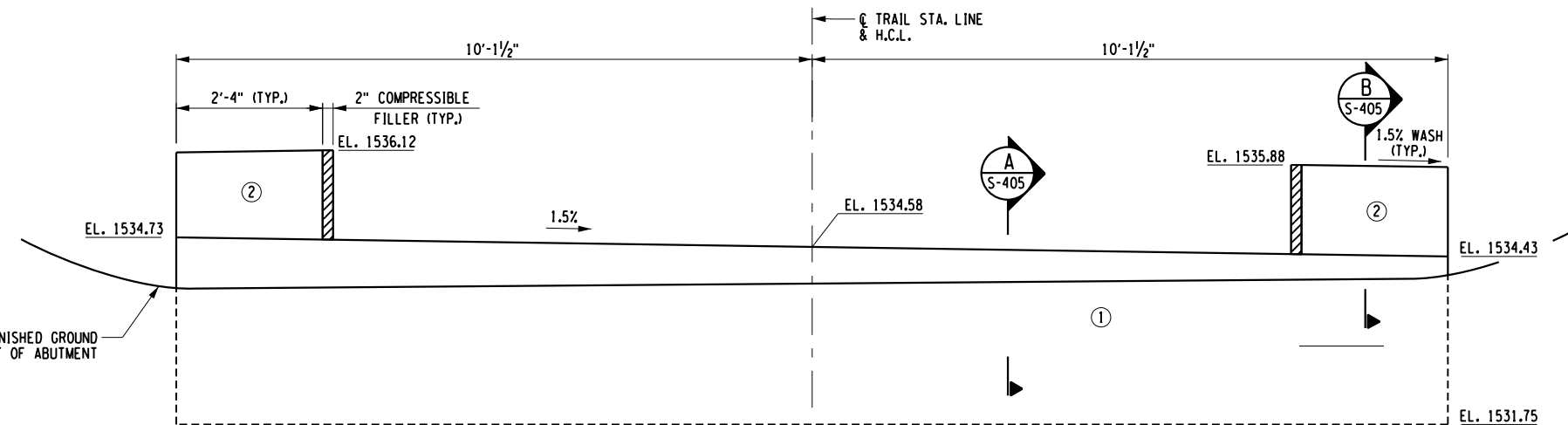
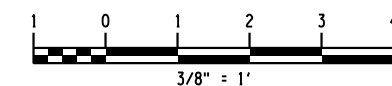
A ABUTMENT SECTION S-405



A ABUTMENT REINFORCEMENT SECTION S-405



B WINGWALL REINFORCEMENT SECTION S-405



BEGIN/END ABUTMENT ELEVATION

POUR TABLE	
①	4.2 CY
②	.5 CY

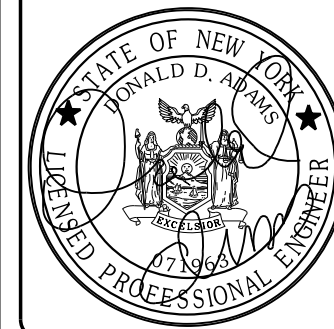
REVISED DRAWING 4/30/2024

- NOTES:**
- SEE DWG. S-407 FOR BEARING NOTES.
 - CONCRETE COVER FOR STEEL REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE.
 - REINFORCEMENT SHALL BE GRADE 60 EPOXY BAR. (E) DENOTES EPOXY BAR.
 - CONCRETE FOR STRUCTURES SHALL CONFIRM TO NYS DOT CLASS HP.
 - TWO (2) MIN. ANCHORS PER INDIVIDUAL PLANK UNIT.

REFER TO SPECIFICATIONS 033001, 071300, 310000

FILE: N:\Projects\47602\123-198_NYSDES - RFT Phase 3\Working\0400.dgn Structures\17662.dwg USER: CF 17x11 PLOT SHEET

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CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

LOCATION: FLOODWOOD TO TUPPER LAKE

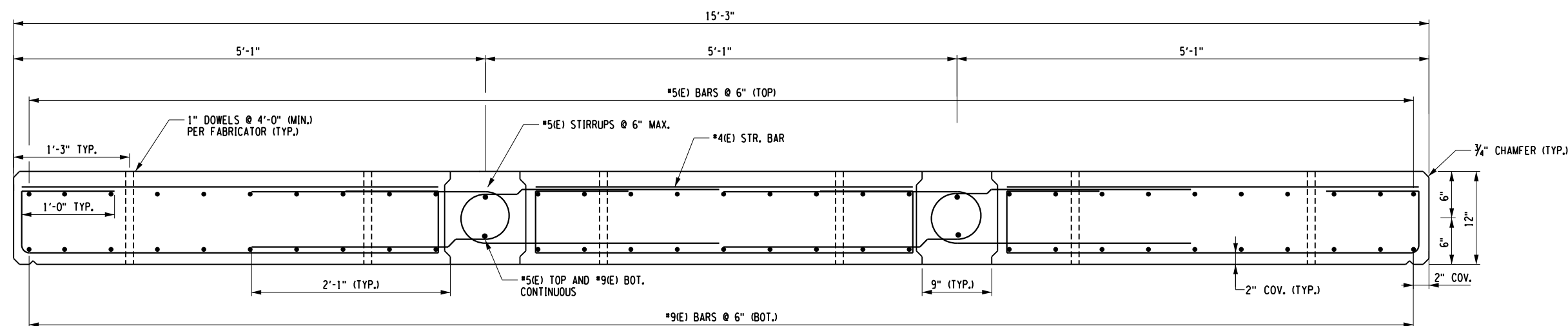
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS

PROJECT NUMBER:	47602-C
DESIGNED BY:	A.B., L.F., & L.S.
DRAWN BY:	K.H.D.
FIELD CHECK:	09/12/2023
APPROVED:	D.D.A.

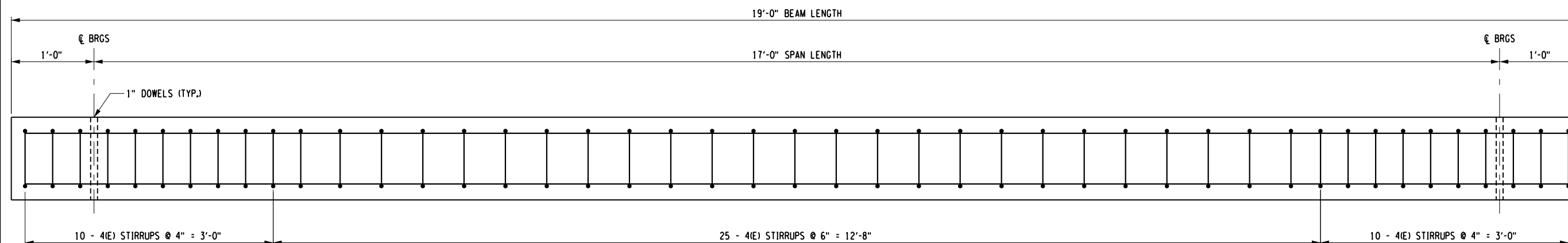
BEAM REINFORCEMENT AND SECTIONS MCKENZIE BROOK

DRAWING NUMBER: **S-406**

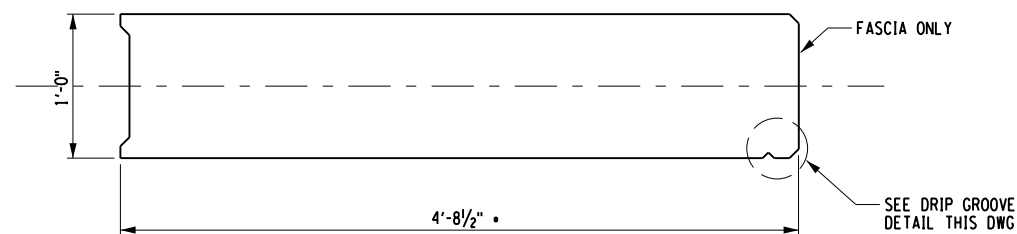


TYPICAL PRECAST CONCRETE PLANK REINFORCING SECTION
SCALE: 3/4"=1' 0"

NOTE:
(E) DENOTES EPOXY BAR.

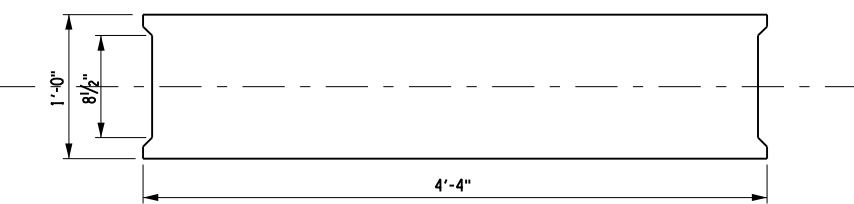


TYPICAL PRECAST CONCRETE PLANK REINFORCING ELEVATION
SCALE: 3/4"=1' 0"

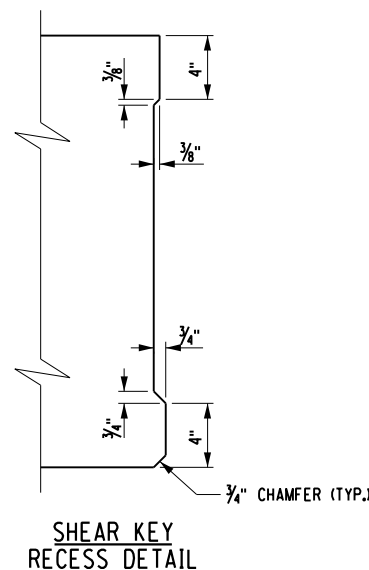


FASCIA 61"X12" PLANK SECTION
SCALE: 3/4"=1' 0"

CONTRACTOR MAY SUBMIT ALTERNATIVE BEAM DESIGN, SIZE/CONFIGURATION SECTION FOR REVIEW. CONTRACTOR SHALL PROVIDE SUPPORTING CALCULATIONS AND SHOP DRAWINGS MEETING THE DESIGN LOADS ON DRAWING S-407.

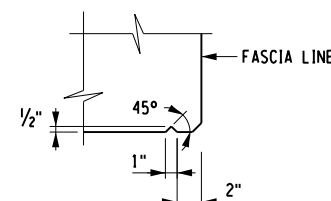


INTERIOR 54"X12" PLANK SECTION
SCALE: 3/4"=1' 0"



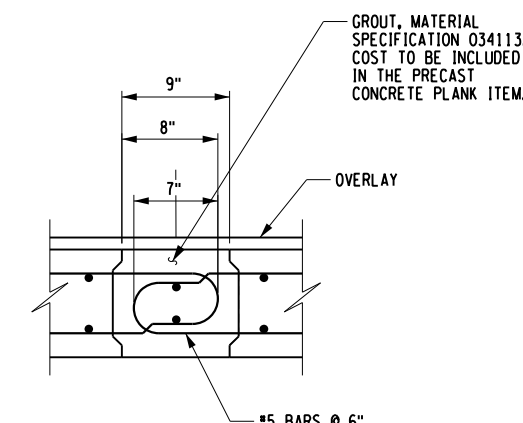
SHEAR KEY RECESS DETAIL

NOTE:
OMIT SHEAR KEY FROM OUTSIDE OF FASCIA BEAMS.



DRIP GROOVE DETAIL
NOT TO SCALE

NOTE:
DRIP GROOVE TO END 3'-0" FROM FACES OF ABUTMENTS WITH A 90° TURN TOWARD FASCIA. GROOVE CONTINUES TO INTERSECTION WITH THE CHAMFER.



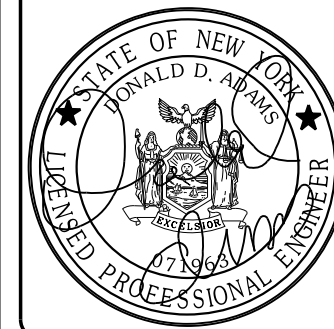
GROUT JOINT DETAIL
NOT TO SCALE

REVISED DRAWING
4/30/2024

FILE: N:\Projects\47602\2023\123-198_NYS005 - ART Phase 3\Working\0400.dgn Structures\17662_4901.dgn
DATE: 4/30/2024
USER: CF-mmm
17x11 PLOT SHEET

WARNING:

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CONSTRUCTION

TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

LOCATION: FLOODWOOD TO TUPPER LAKE

CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

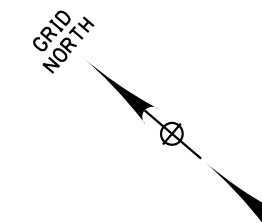
REVISIONS

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BD DOCUMENTS

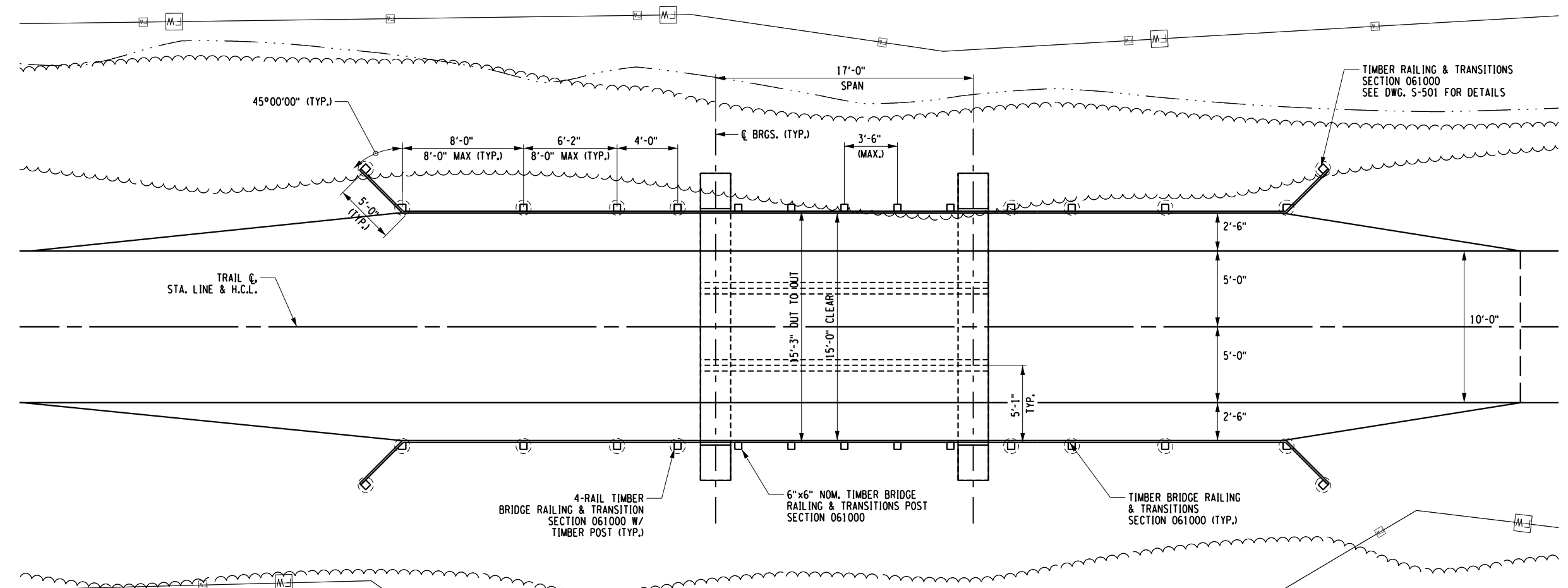
PROJECT NUMBER:	47602-C
DESIGNED BY:	A.B., L.F. & L.S.
DRAWN BY:	K.H.D.
FIELD CHECK:	09/12/2023
APPROVED:	D.D.A.

FRAMING AND RAIL PLAN
MCKENZIE BROOK

DRAWING NUMBER: **S-407**



MCKENZIE BROOK



FRAMING/RAIL PLAN
SCALE: 1/8" = 1'-0"

BRIDGE SUPERSTRUCTURE NOTES:

- THE PRECAST CONCRETE PLANK SUPERSTRUCTURE IS CAPABLE OF SUPPORTING THE FOLLOWING UNFACTORED LOADS:
 - A. LIVE LOAD: 90 PSF PEDESTRIAN OR AASHTO H-10 VEHICLE
 - B. SNOW LOAD: 106 PSF PER IBC TABLE 1607.12
 - C. DEAD LOAD:
 - i. SLAB PANELS: 150 PSF
 - ii. RAILING+CURB: 6 PSF
 - iii. H.M.A.: 47 PSF
 - D. WIND: 44 PSF (HORIZONTAL) (VERTICAL)
- FOR PURPOSES OF CONSTRUCTION LOADING ONLY, THE STRUCTURE IS DESIGNED TO CARRY A MAX. LOAD OF HS-20.
- CAMBER IS NOT REQUIRED BY BUT MAY BE INCORPORATED AT THE FABRICATORS DISCRETION.
- THE STRUCTURE IS DESIGNED FOR A MAX DEFLECTION OF $L/800 = 1/4"$ AT MIDSPAN.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE DIRECTOR'S REPRESENTATIVE FOR REVIEW AND APPROVAL.
- ERECTION DRAWINGS AND CALCULATIONS STAMPED BY A LICENSED NYS PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE DIRECTOR'S REPRESENTATIVE FOR REVIEW AND APPROVAL.

PRECAST CONCRETE PLANK NOTES:

- THE CONCRETE PLANKS SHALL MEET THE REQUIREMENTS OF THE NYSPCCM FOURTH EDITION, MARCH 2023, WITH ALL CURRENT ADDENDUM AND MODIFICATIONS.
- THE LOCATION AND TYPE OF ALL TEMPORARY/PERMANENT INSERTS SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE AND DETAILED ON THE PRESTRESSED CONCRETE "WORKING DRAWINGS".
- CONCRETE PLANK MATERIAL PROPERTIES SHALL BE PER THE PROJECT SPECIFICATIONS, AIR ENTRAINED, AND ACHIEVE A MINIMUM DESIGN COMPRESSIVE STRENGTH OF 5,000 PSI.
- BAR REINFORCEMENT SHALL MEET ASTM A792, GRADE 60. (E) DENOTES EPOXY COATED REINFORCEMENT. REBAR SHALL BE CONTINUOUS WITH NO LAPS IN CONCRETE PLANK SUPERSTRUCTURE COMPONENTS OR AS DETAILED ON PLANS.
- COVER SHALL BE AS SHOWN ON THE PLANS.
- ALL EXPOSED CORNERS, EXCEPT THE TOP SHALL BE CHAMFERED $3/4"$.
- FASCIA BEAMS SHALL BE RUBBED FINISHED WITHIN 4 DAYS OF CASTING.
- THE FABRICATOR IS FULLY RESPONSIBLE FOR THE DESIGN OF THE LIFTING DEVICES WHICH WILL BE ADEQUATE FOR THE SAFETY FACTORS REQUIRED BY THE ERECTION PROCEDURES.

RAILING NOTES:

- FOR TIMBER RAIL AND CURB LAYOUT/NOTES SEE S-502.

BEARING NOTES:

- 6" MIN. WIDTH BEARING PAD CONTINUOUS ALONG FOOTING SUPPORTING THE PRECAST PLANK SUPERSTRUCTURE.
- ELASTOMERIC BEARING PADS SHALL BE PROVIDED WITH 50-70 DUROMETER HARDNESS ON THE SHORE A SCALE, AND SHALL HAVE A MINIMUM STRENGTH OF 800 PSI.
- CONCRETE SURFACES UNDER THE BEARINGS SHALL NOT BE PREFORMED, IRREGULAR, OR POORLY FINISHED. THE ENTIRE BEARING AREA SHALL BE FLOATED AND TROWELED.

REFER TO SPECIFICATIONS 061000

REVISED DRAWING
4/30/2024

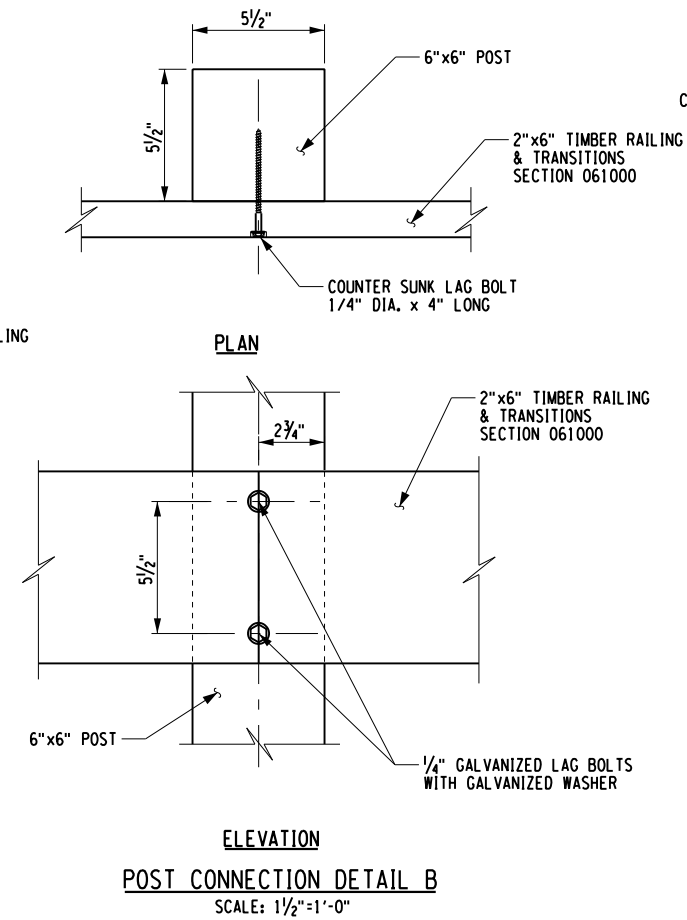
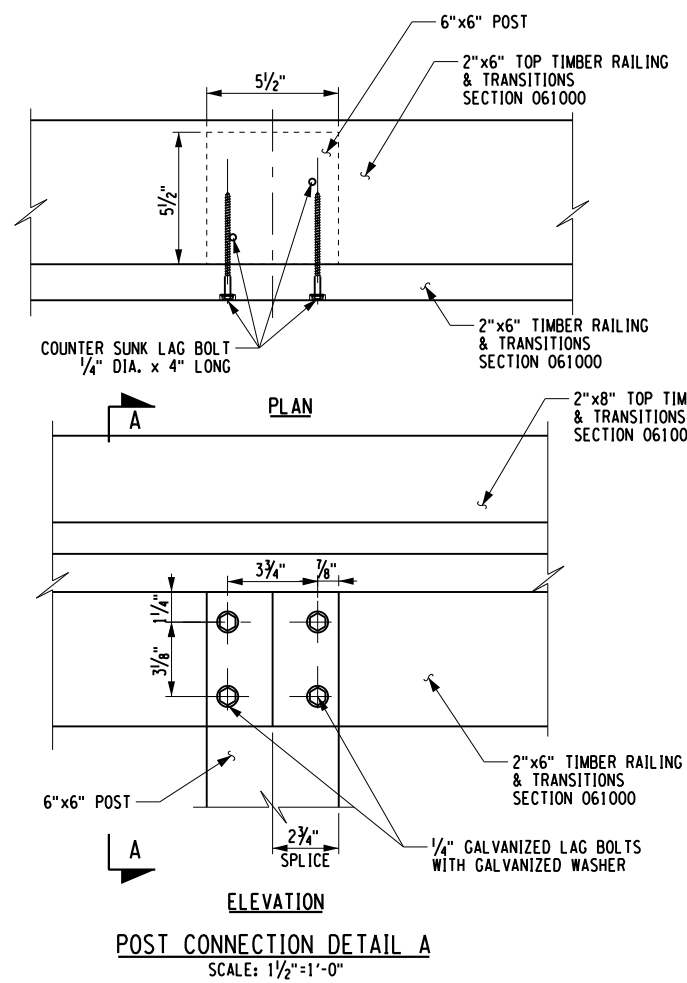
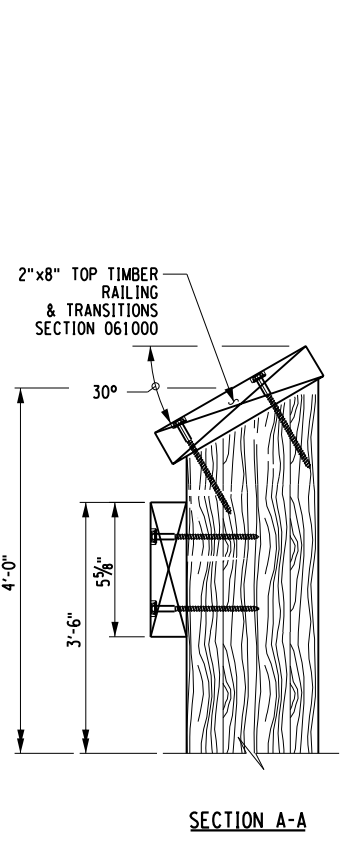
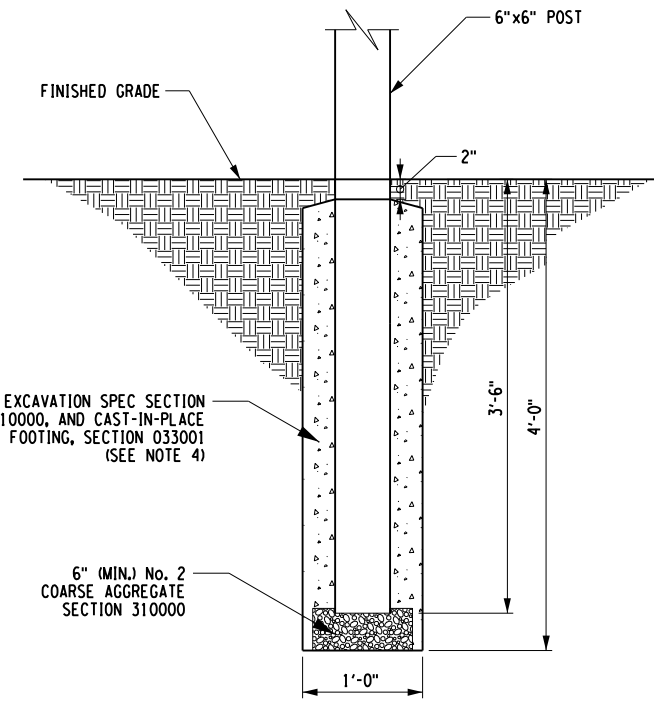
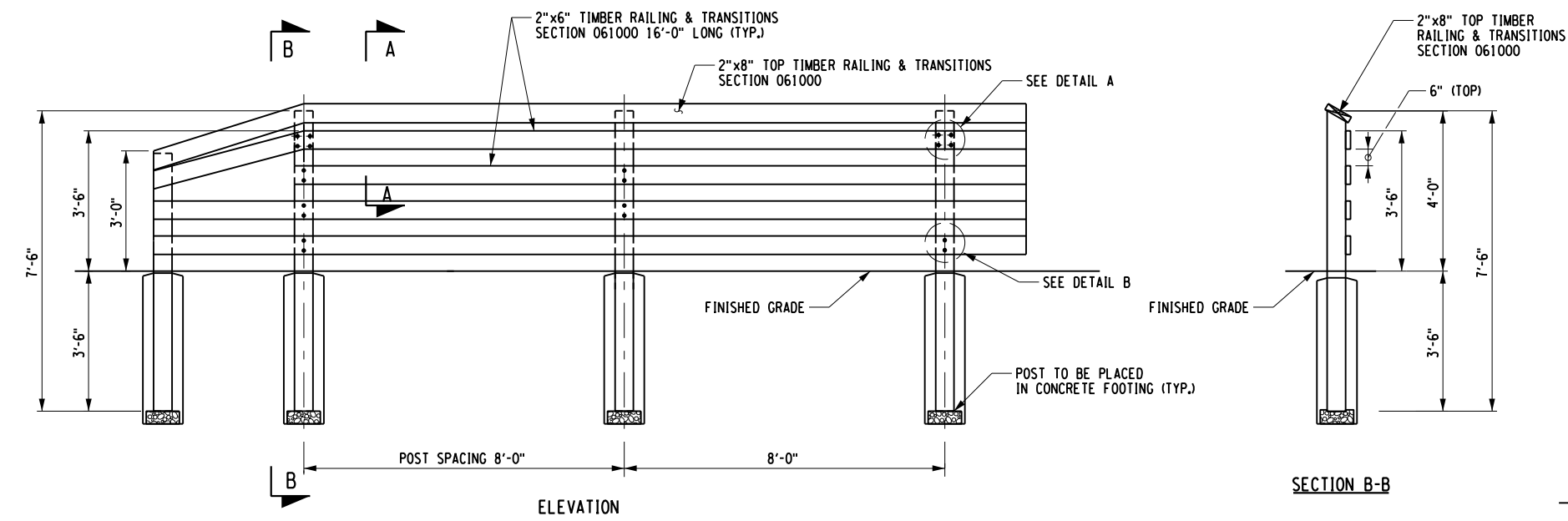
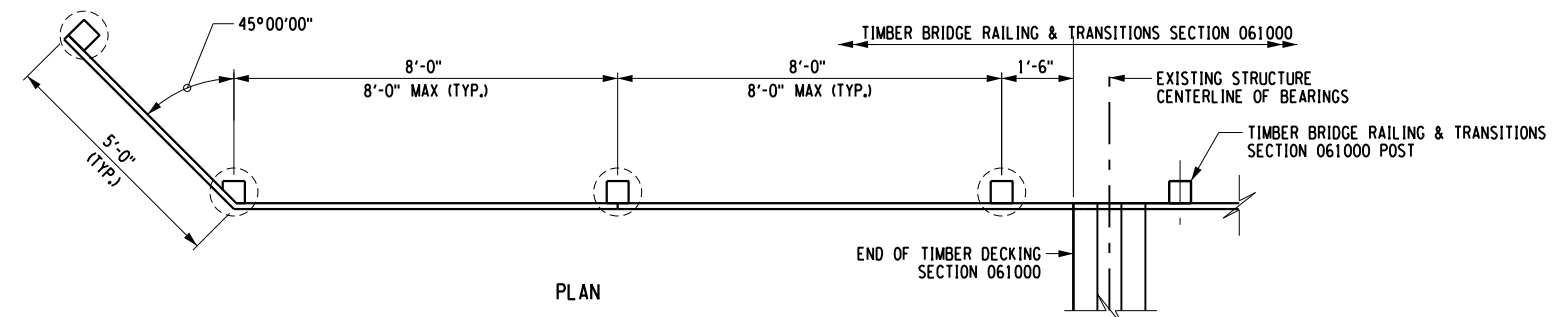
FILE: N:\24\47602\47602-123-198_NYSDEC - RFI Phase 3\Working\0400.dgn Structures\17662.FRD.dgn 17x11 PLOT SHEET

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.



CONTRACT: **CONSTRUCTION**
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE
LOCATION: FLOODWOOD TO TUPPER LAKE
CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER:	47602-C	
DESIGNED BY:	A.B., L.F. & L.S.	
DRAWN BY:	K.H.D.	
FIELD CHECK:	09/12/2023	
APPROVED:	D.D.A.	
SHEET TITLE: MISCELLANEOUS DETAILS - 1		
DRAWING NUMBER: S-501		
SHEET 142 OF 143		



- TIMBER APPROACH RAILING NOTES:**
- RAIL TO BE PROVIDED IN 16'-0" LENGTHS.
 - SPLICES IN THE RAIL SHALL BE STAGGERED SO THAT NO MORE THAN ONE ADJACENT RAIL IS DISCONTINUOUS AT ANY GIVEN POST.
 - SEE MATERIAL NOTES ON SHEET S-502.
 - POST AS SHOWN ARE FIELD DRILLED AND BACKFILLED WITH STONE AND CONCRETE. POSTS MAY BE INSTALLED BY VIBRATORY METHOD WITH APPROVAL FROM DIRECTOR'S REPRESENTATIVE

REVISED DRAWING
4/30/2024

REFER TO SPECIFICATIONS
033001, 061000, 310000

FILE: N:\Projects\47602\Drawings\Structures\17662.DWG DATE: 4/30/2024 USER: CFM

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.

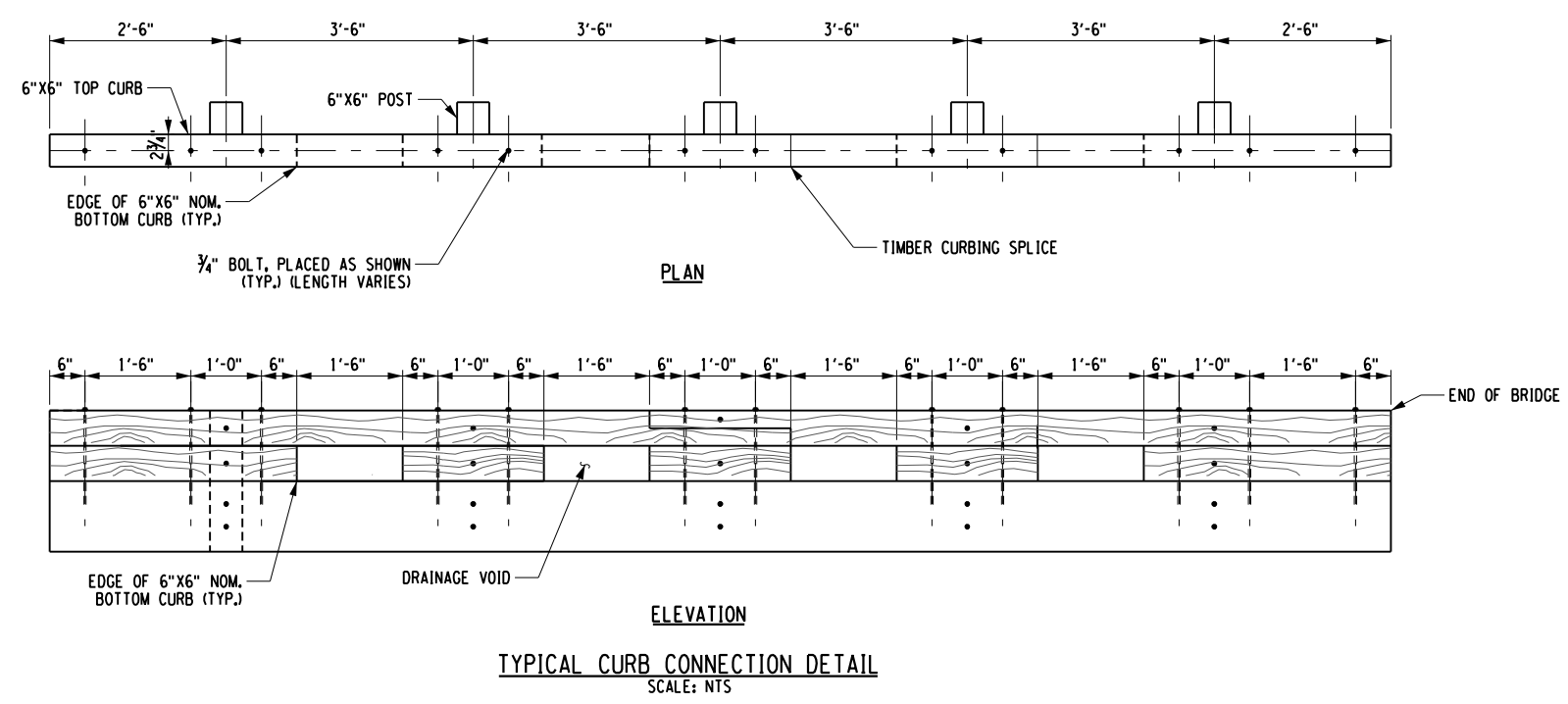


CONSTRUCTION

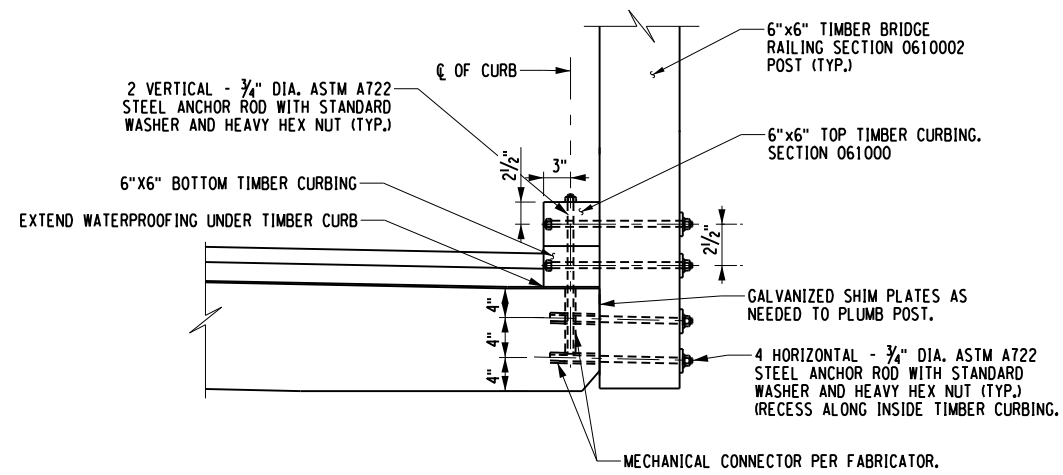
TITLE: PROVIDE RECREATIONAL MULTI-USE RAIL TRAIL FLOODWOOD TO TUPPER LAKE

LOCATION: FLOODWOOD TO TUPPER LAKE

CLIENT: NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION



TYPICAL CURB CONNECTION DETAIL
SCALE: NTS



TYPICAL WOOD RAIL MOUNTED ON CONCRETE DECK
(NOT TO SCALE)

NOTES:

1. ALL TIMBER RAILING, POST, AND CURBING SHALL BE SOUTHERN YELLOW PINE GRADE 2 OR BETTER PRESSURE TREATED. TIMBER SHALL BE SIZED PER STANDARD DRESSED SAWN LUMBER. ALL TIMBER DIMENSIONS SHOWN ARE NOMINAL SIZES.
2. ALL TIMBER SHALL BE TREATED WITH AWPA STANDARD U1 TO THE REQUIREMENTS OF USE CATEGORY UC4.
3. ALL FIELD CUT EDGES AND DRILLED HOLES OF TREATED LUMBER SHALL BE FIELD TREATED WITH A WOOD PRESERVATIVE THAT CONTAINS A MINIMUM 2% COPPER.
4. ALL LAG BOLT CONNECTIONS SHALL BE PRE-DRILLED WITH THE PROPER SIZE LEAD HOLE DIAMETER IN ACCORDANCE WITH THE AITC MANUAL. NO MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER.
5. OVERSIZED OR SLOTTED HOLES SHALL NOT USED FOR ANY CONNECTIONS.
6. ALL FASTNERS SHALL BE GALVANIZED.
7. CONTRACTOR MAY PROPOSE AN ALTERNATE RAILING AND CURB ANCHORING SYSTEMS PER BRIDGE FABRICATOR RECOMMENDATIONS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR REVIEW AND APPROVAL.

FILE: N:\Projects\2023\123-198_NYSOS\ - AET Phase 3\Working\0600.dgn Structures\17862.D184.dgn 17x11 PLOT SHEET

REFER TO SPECIFICATIONS
061000

REVISED DRAWING
4/30/2024

MARK	DATE	DESCRIPTION
	04/30/24	ADDENDUM #1
	02/15/24	BID DOCUMENTS
PROJECT NUMBER: 47602-C		
DESIGNED BY: A.B., L.F., & L.S.		
DRAWN BY: K.H.D.		
FIELD CHECK: 09/12/2023		
APPROVED: D.D.A.		
SHEET TITLE: MISCELLANEOUS DETAILS - 2		
DRAWING NUMBER: S-502		
SHEET 143 OF 143		