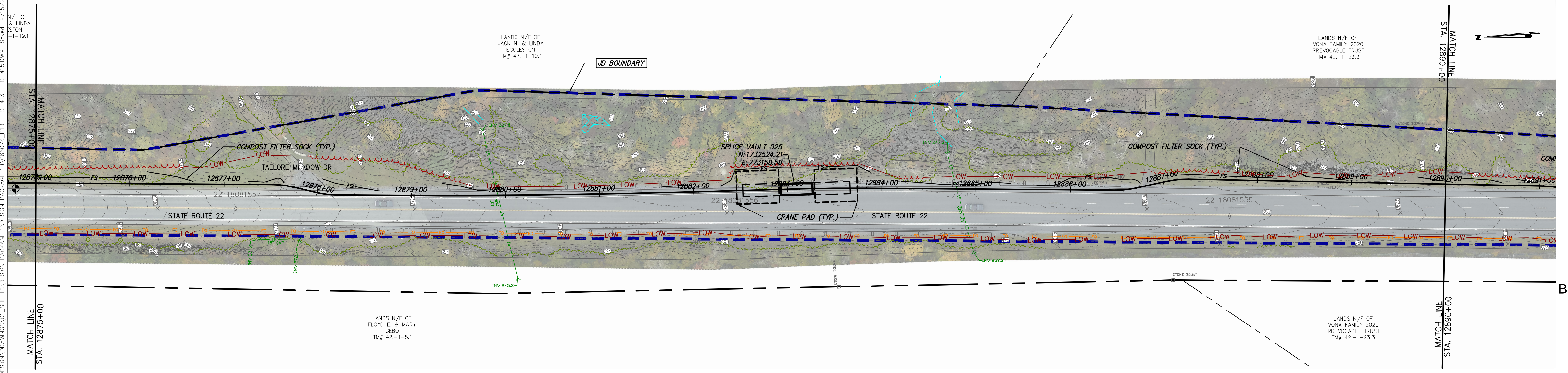






P1B STA. 12860+00 TO STA. 12875+00 PLAN VIEW
SCALE: 1" = 50'



STA. 12875+00 TO STA. 12890+00 PLAN VIEW
SCALE: 1" = 50'



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL

STA. 12860+00 TO STA. 12890+00 EROSION AND SEDIMENT CONTROL PLAN

DRAWN BY: JJE

DESIGNED BY: JTM

APPROVED BY: JPR

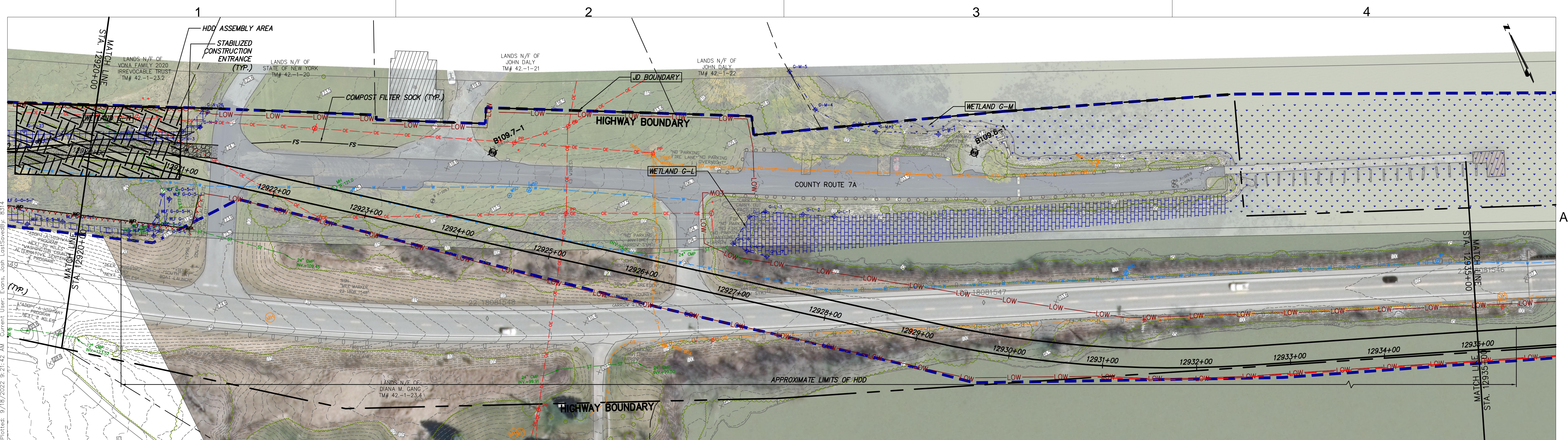
SCALE

REV. NO.

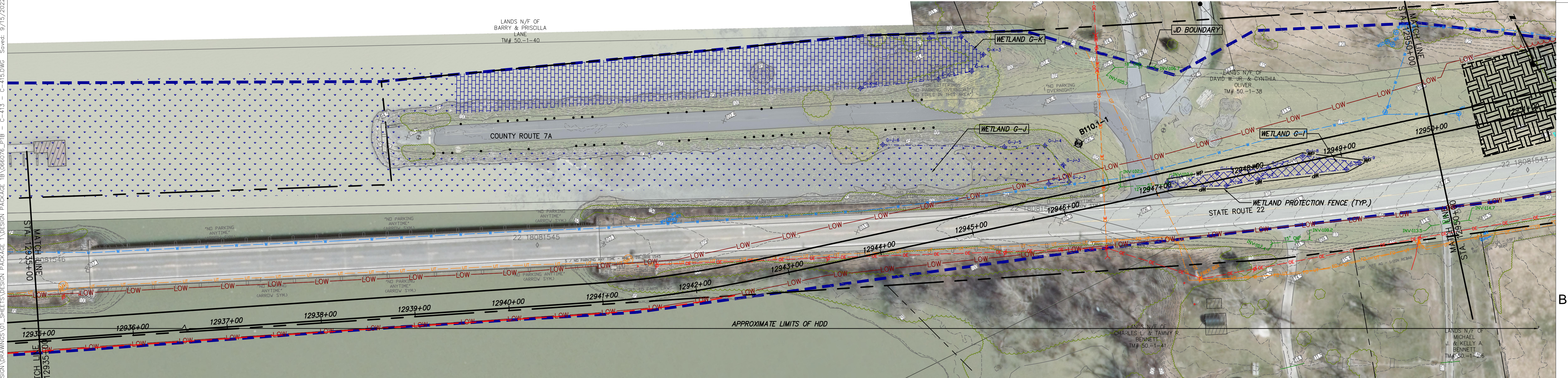
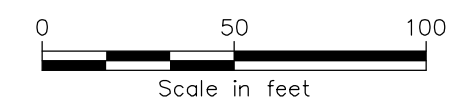
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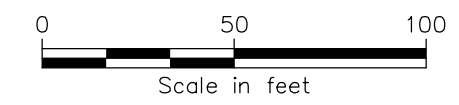
KIEWIT PROJECT NO.	
21162	
CHA PROJECT NO.	
066076	
DRAWING NO.	
C-413	
DATE	DATE
09/21/2022	09/21/2022
SH.NO.	XXX OF XXX







P1B STA. 12920+00 TO STA. 12935+00 PLAN VIEW
SCALE: 1" = 50'



STA. 12935+00 TO STA. 12950+00 PLAN VIEW
SCALE: 1" = 50'





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0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12920+00 TO STA. 12950+00 EROSION AND
SEDIMENT CONTROL PLAN

DRAWN BY: JJE

DESIGNED BY: JTM

APPROVED BY: JPR

SCALE: AS NOTED

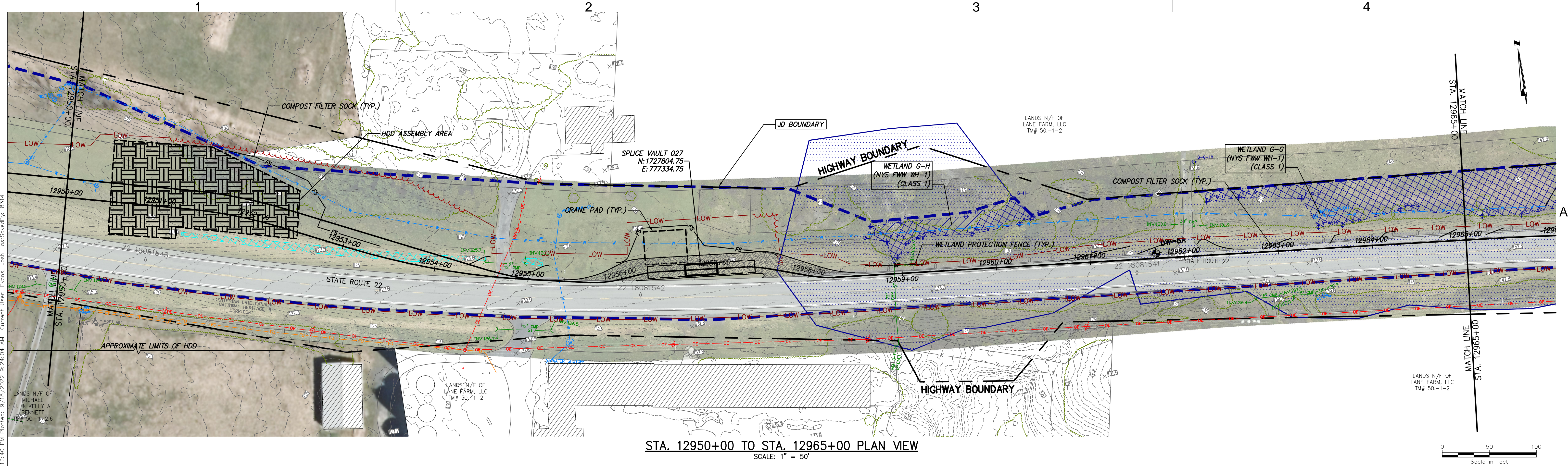
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CHA PROJECT NO. 066076

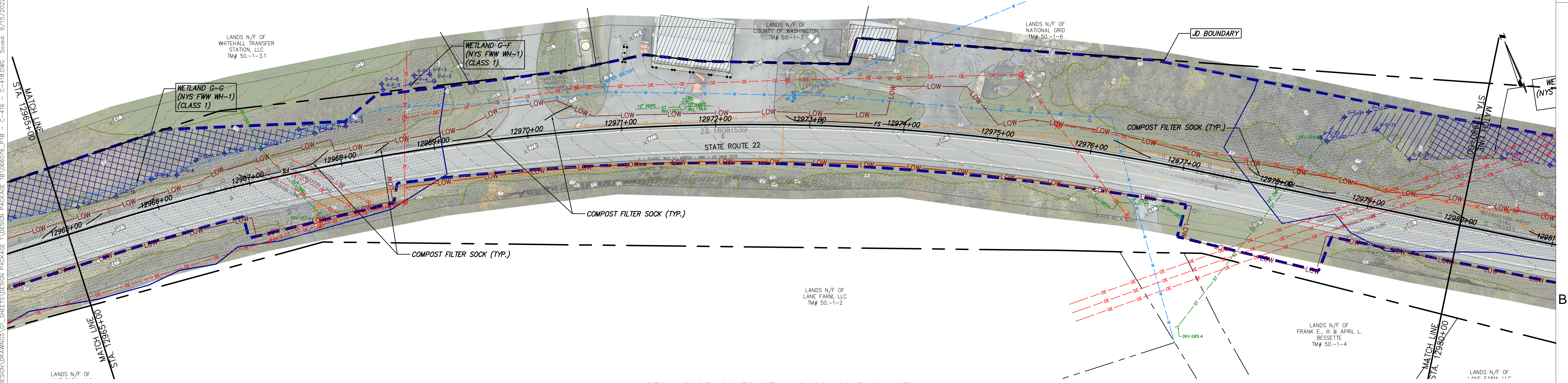
DRAWING NO. C-415

DATE 09/21/2022


SH.NO. XXX OF XXX




STA. 12950+00 TO STA. 12965+00 PLAN VIEW
SCALE: 1" = 50'




STA. 12965+00 TO STA. 12980+00 PLAN VIEW
SCALE: 1" = 50'




CHPE
Champlain Hudson
Power Express



Kiewit



CHA
III Winners Circle, PO Box 5269
Albany, NY 12205-0269
518.453.4500 • www.chacompanies.com



JOSEPH P. ROMAN
LICENSED PROFESSIONAL ENGINEER
081993
09/18/2022

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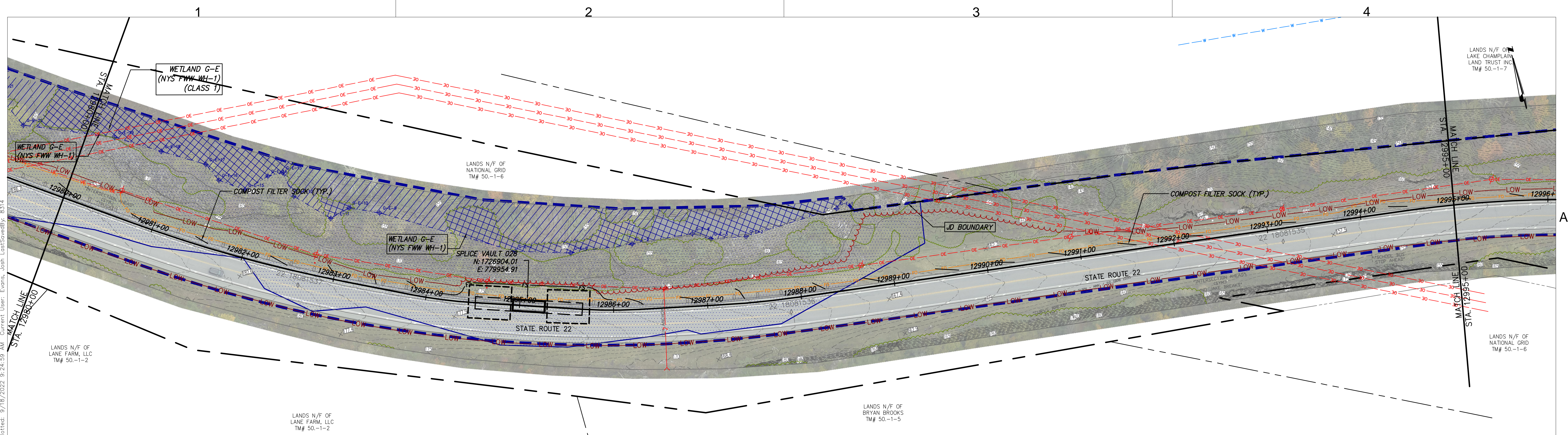
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12950+00 TO STA. 12980+00 EROSION AND
SEDIMENT CONTROL PLAN**

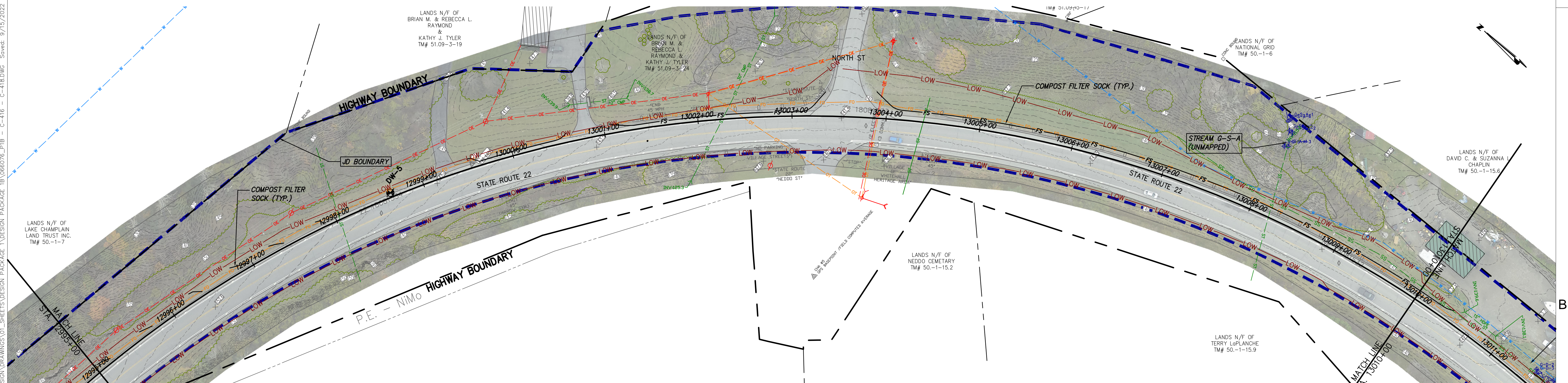
DRAWN BY: JJE DESIGNED BY: JTM APPROVED BY: JPR SCALE: AS NOTED
REV. NO. X SH.NO.

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-416





DATE 09/21/2022
XXX OF XXX



STA. 12980+00 TO STA. 12995+00 PLAN VIEW
SCALE: 1" = 50'



STA. 12995+00 TO STA. 13010+00 PLAN VIEW
SCALE: 1" = 50'



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0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12980+00 TO STA. 13010+00 EROSION AND
SEDIMENT CONTROL PLAN

DRAWN BY: JJE

DESIGNED BY: JTM

APPROVED BY: JPR

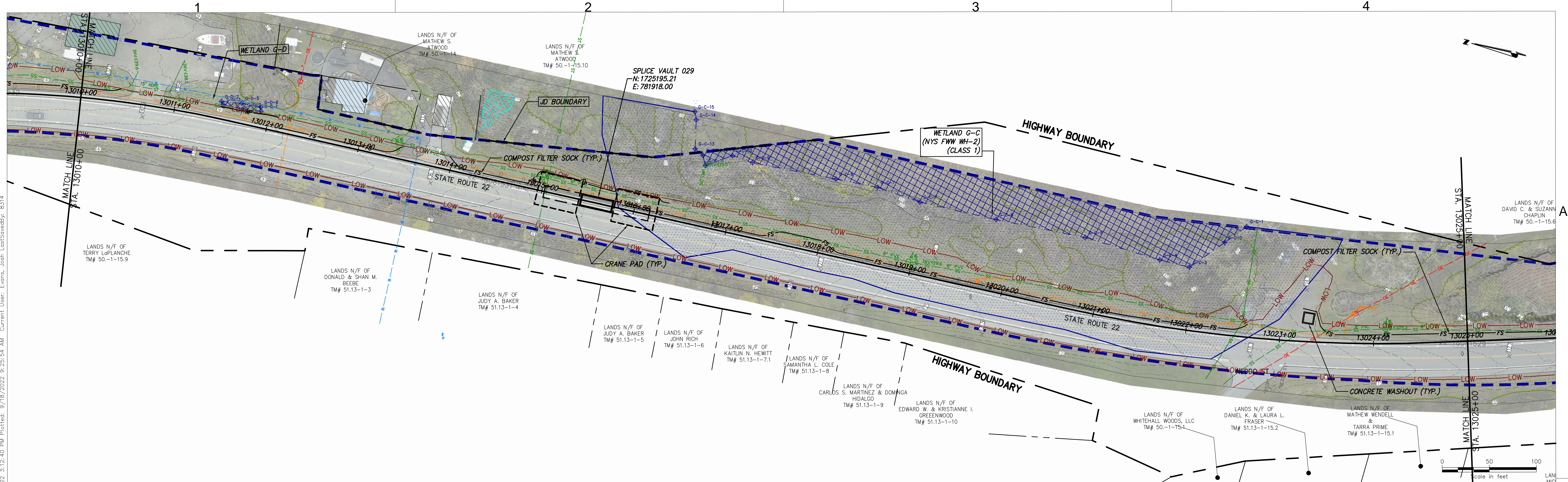
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REV. NO. X

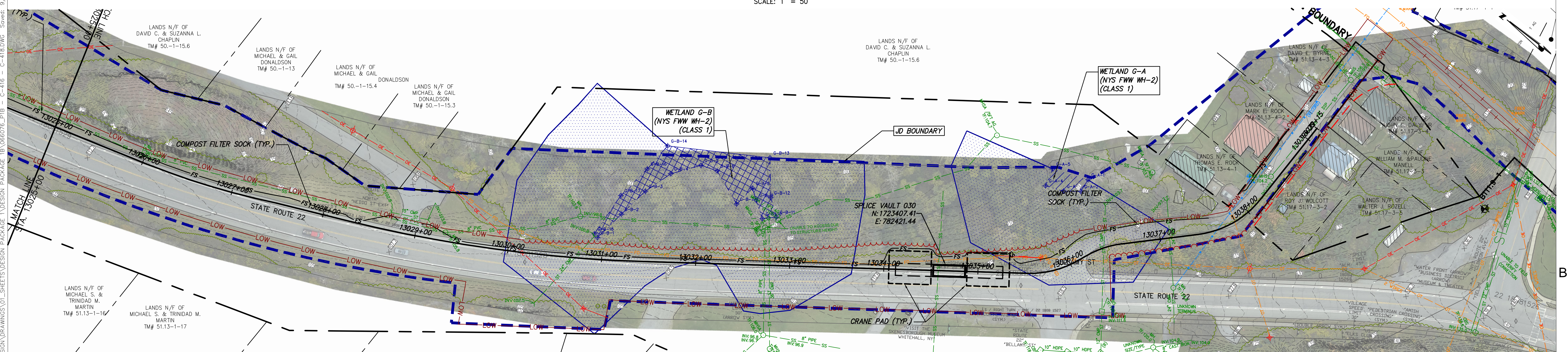
KIEWIT PROJECT NO.
21162
CHA PROJECT NO.
066076
DRAWING NO.
C-417

DATE
09/21/2022


SH.NO.
XXX OF XXX




STA. 13010+00 TO STA. 13025+00 PLAN VIEW
SCALE: 1" = 50'




STA. 13025+00 TO STA. 13040+00 PLAN VIEW
SCALE: 1" = 50'




Champlain Hudson
Power Express



Kiewit



III Winners Circle, PO Box 5269
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09/18/2022

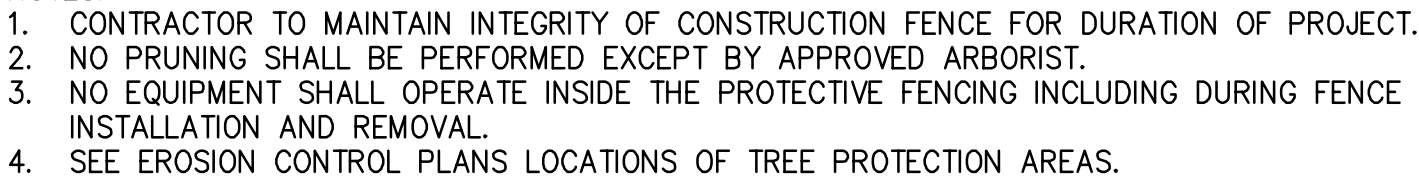
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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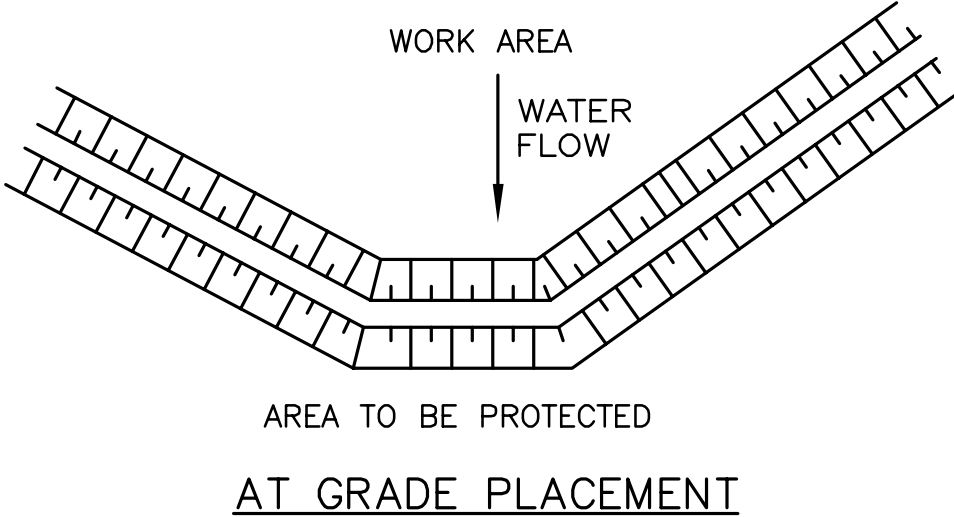
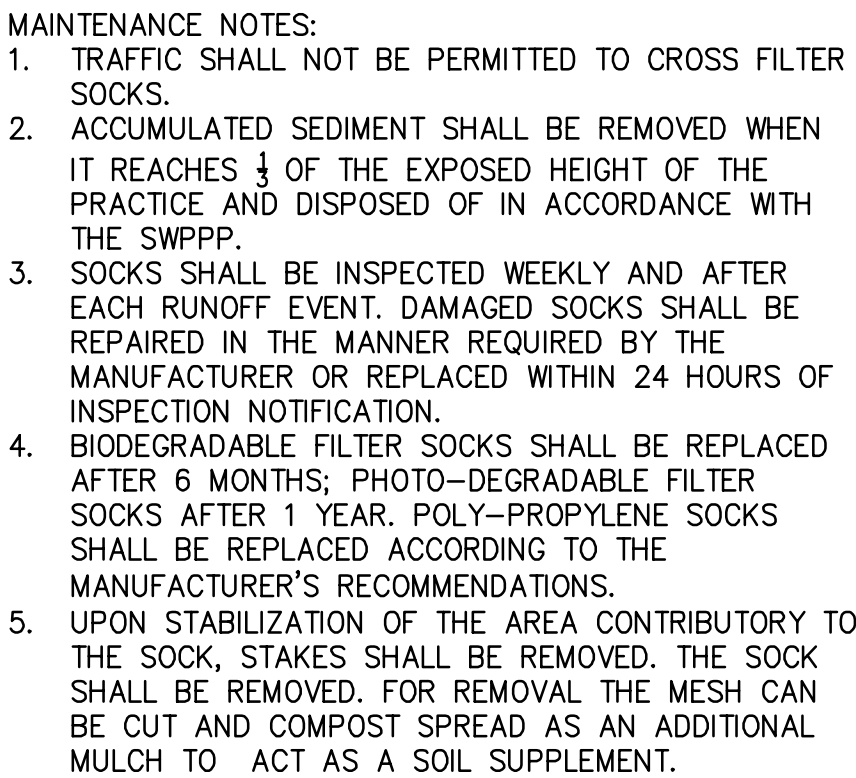
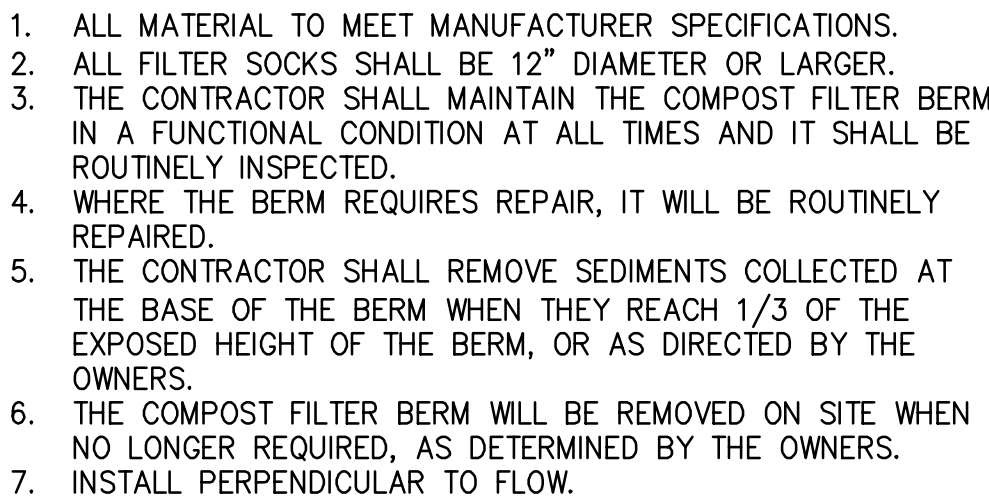
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 13010+00 TO STA. 13040+00 EROSION AND
SEDIMENT CONTROL PLAN

KIEWIT PROJECT NO.		DATE	
21162		09/21/2022	
CHA PROJECT NO.		DATE	
066078		XXX OF XXX	
DRAWING NO.		DATE	
C-418		09/21/2022	

DRAWN BY:	DESIGNED BY:	APPROVED BY:	SCALE	AS NOTED
JJE	JTM	JPR	REV. NO.	



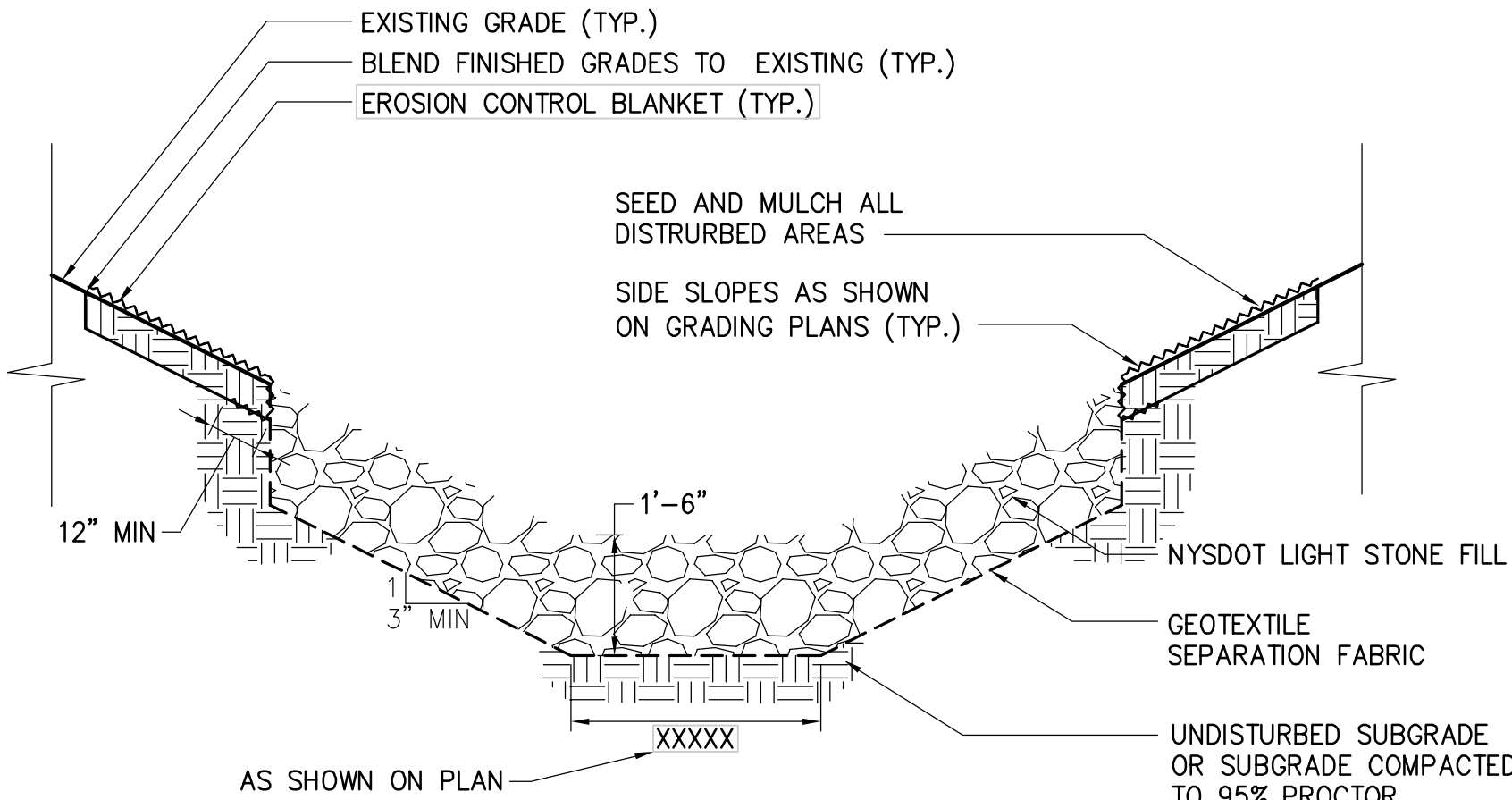
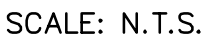
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SCALE: N.T.S.



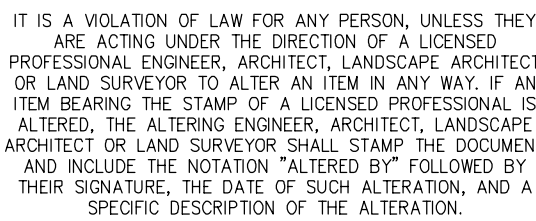
SCALE: N.T.S.



SCALE: N.T.S.



1. TIE FABRIC TO WIRE FENCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. IF EXTRA STRENGTH FABRIC (GREATER THAN 50#/INCH) IS USED, WIRE CAN BE DELETED IF POST SPACING IS REDUCED TO 6' O.C.
3. AT THE ENDS OF THE FENCING THE FIRST 20' SHALL BE TURNED UP THE SLOPE 2'.
4. POSTS SHOULD BE INCLINED TOWARD THE DIRECTION FLOW CAME FROM.
5. OVERLAP FABRIC A MINIMUM OF 6" AND FOLDED AT JOINTS. ATTACH FILTER FABRIS TO STAKES ALLOWING EXTENSION INTO TRENCH AS SHOWN; SECURE TO STAKES AS NOTED.
6. THE MAXIMUM AREA OF RUNOFF PER 100LF. OF FENCE SHALL NOT EXCEED 0.25 ACRES.
7. MAINTENANCE SHALL BE PERFORMED AS NECESSARY. THE FENCING SHALL BE CHECKED AFTER EVERY STORM TO ENSURE THEIR PROPER FUNCTIONING.
8. WHEN FENCE IS NO LONGER NEEDED, THE ACCUMULATED SILT, THE POSTS AND FABRIC SHALL BE REMOVED AND TRENCH BACK FILLED WITH TOPSOIL AND SEEDED.
9. FENCING SHOULD BE PLACED AS SHOWN ON THE DRAWING OR IF NOT SHOWN, 10' BEYOND THE TOE OF THE OF THE SLOPE AND AT A SPACING IN ACCORDANCE WITH THE TABLE.
10. EXCAVATE TRENCH AS PER DETAIL AND SET POSTS AT 10' O.C.
11. BACKFILL WITH COMPACTED, EXCAVATED SOIL FROM TRENCH.



0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL

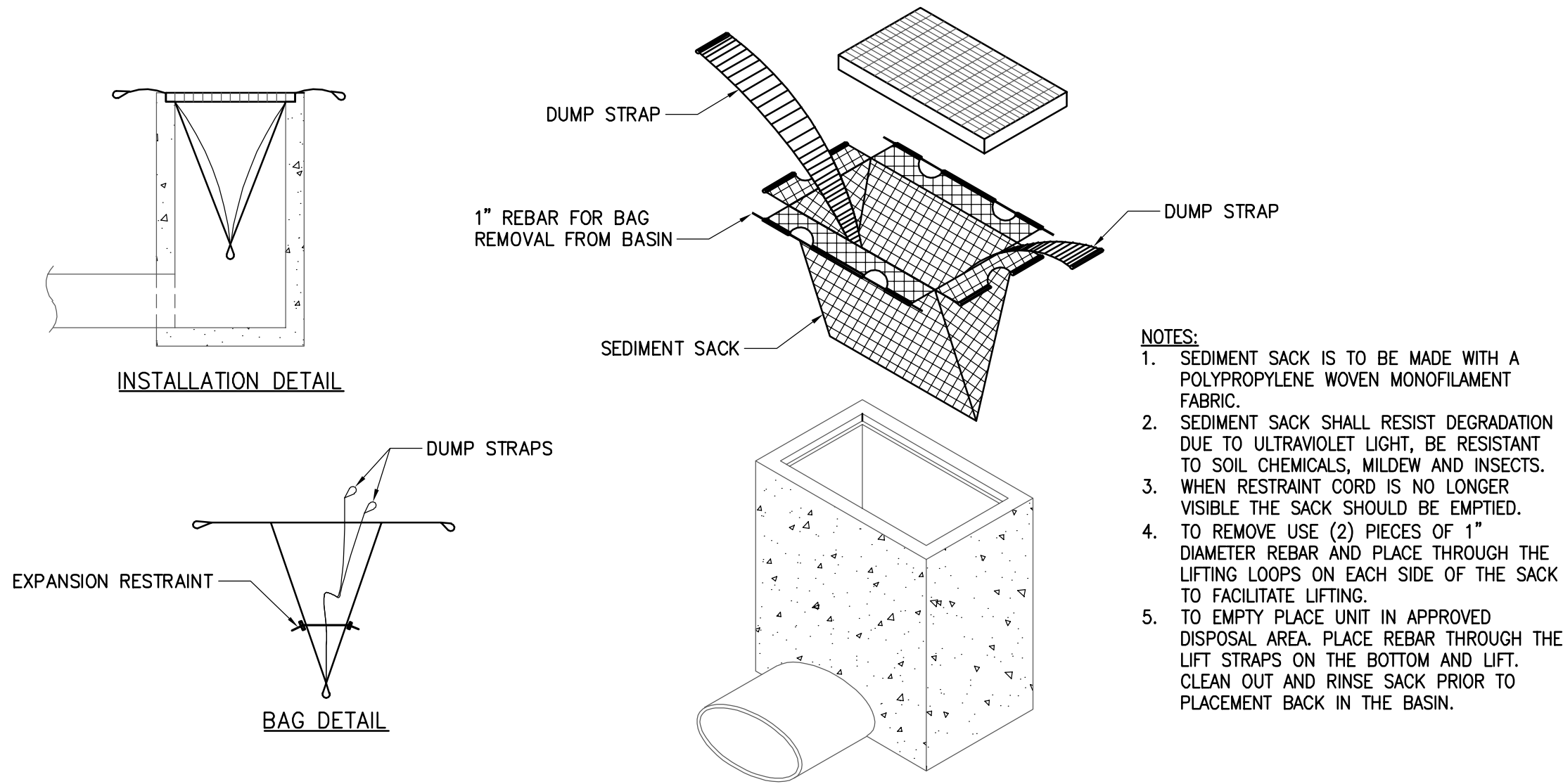
EROSION AND SEDIMENT CONTROL DETAILS

KIEWIT PROJECT NO.
21162
CHA PROJECT NO.
066076
DRAWING NO.

C-601

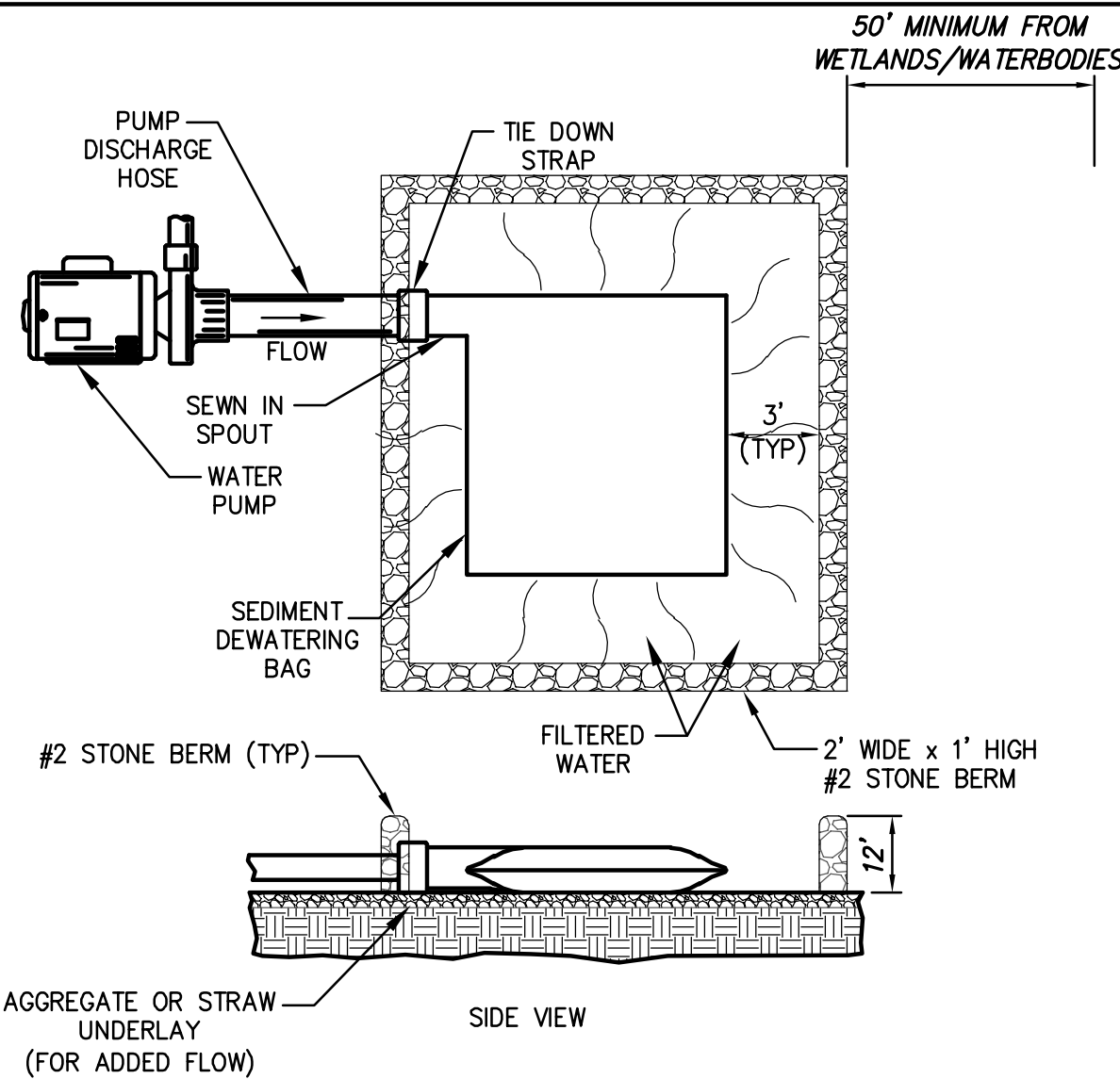
DATE 09/21/2022
SH.NO. XXX OF XXX

File: V:\PROJECTS\ANY\6\066076.000\09_09_2022\DRAWINGS\01_SHEETS\DESIGN PACKAGE 1B\066076_PHB - C-602.DWG Saved: 9/15/2022 3:30:17 PM Plotted: 9/15/2022 11:27:28 AM Current User: McEnaney III, James LastSavedBy: 6314



1 INLET PROTECTION

SCALE: N.T.S.

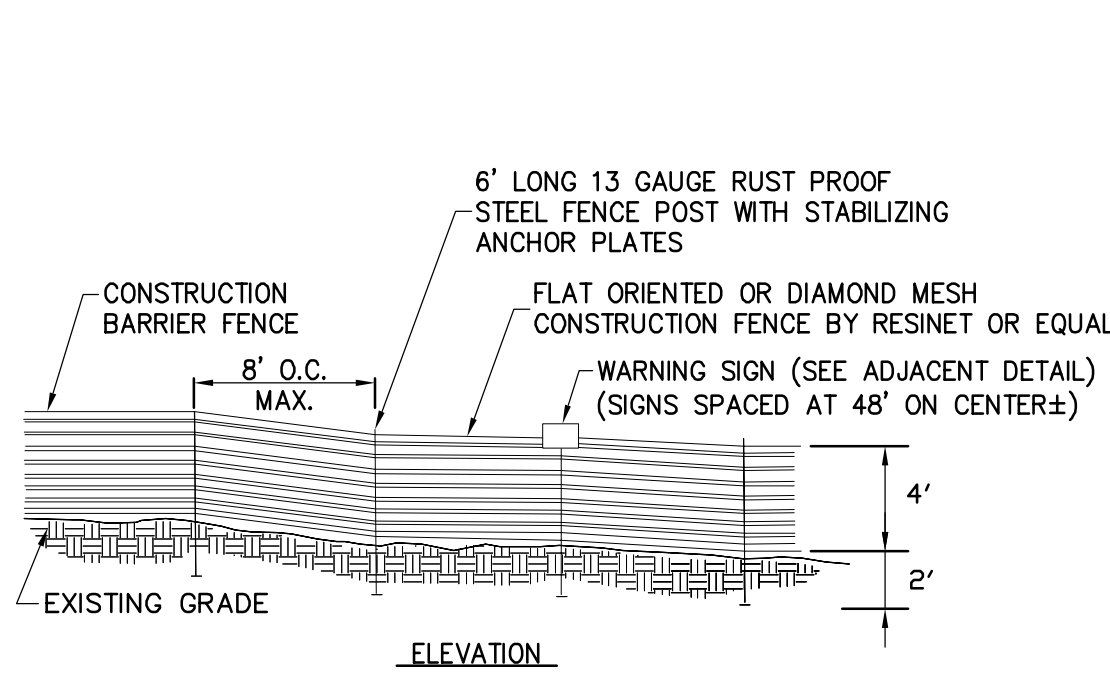


SEDIMENT DEWATERING BAG SPECIFICATIONS

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.9 (205) x 0.9 (205)
Grab Tensile Elongation	ASTM D 4632	%	50 x 50
Puncture Strength	ASTM D 4833	kN (lbs)	0.58 (130)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2618 (380)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.36 (80) x 0.36 (80)
UV Resistance	ASTM D 4355	%	70
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.180 (80)
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	3866 (95)
Permittivity	ASTM D 4491	Sec ⁻¹	1.2

4 SEDIMENT DEWATERING BAG

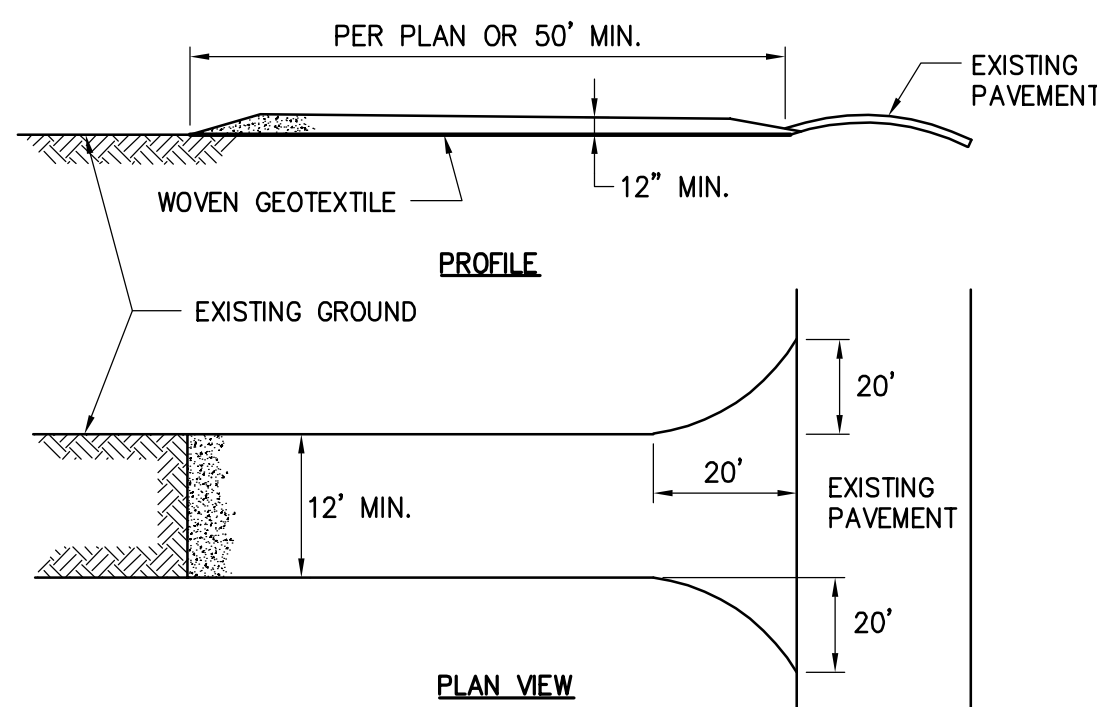
SCALE: N.T.S.



- CONSTRUCTION BARRIER FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS PRIOR TO BEGINNING ANY WORK ADJACENT TO THESE AREAS.
- THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION.
- SET BOTTOM OF CONSTRUCTION BARRIER FENCE FLUSH WITH EXISTING GRADE.
- CONSTRUCTION BARRIER FENCE SHALL HAVE A MINIMUM TENSILE STRENGTH OF 2000 PSI.

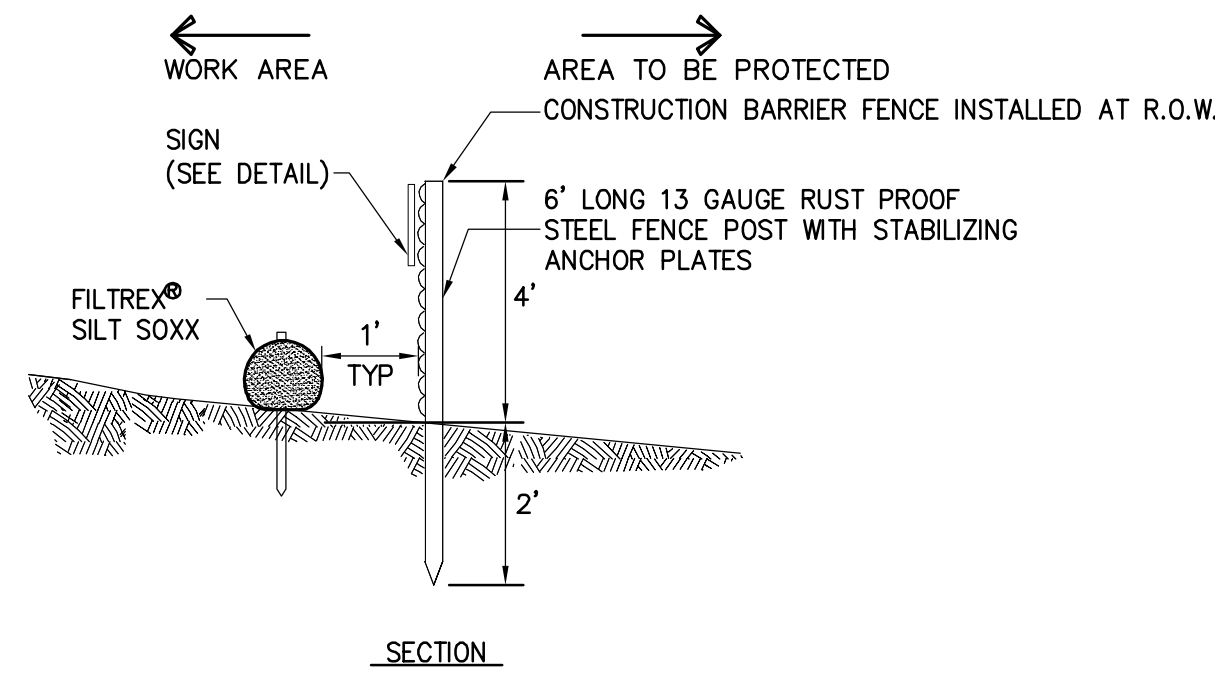
2 WETLAND PROTECTION FENCE

SCALE: N.T.S.



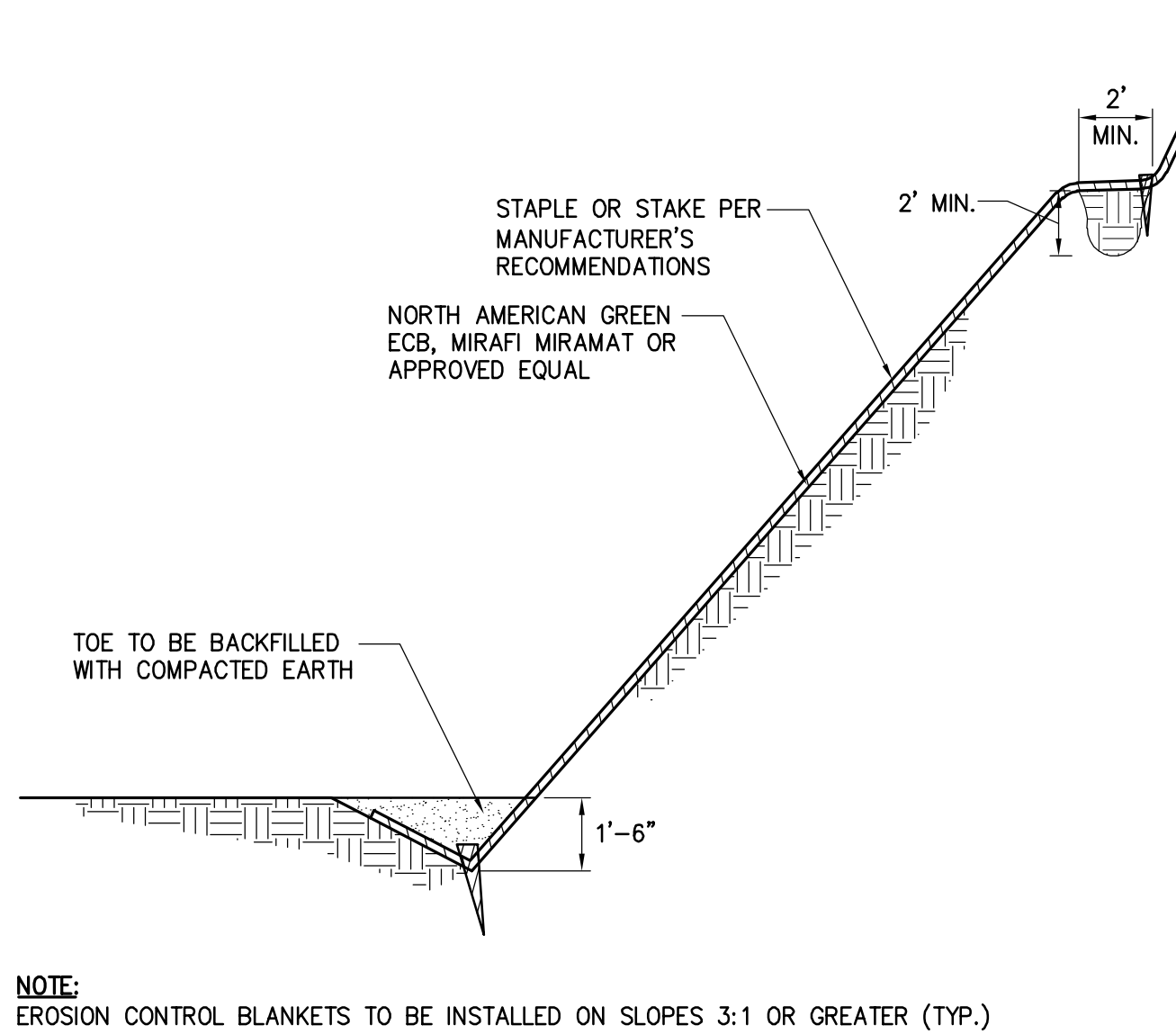
5 STABILIZED CONSTRUCTION ACCESS

SCALE: N.T.S.



6 CONCRETE WASHOUT AREA

SCALE: N.T.S.



NOTE: EROSION CONTROL BLANKETS TO BE INSTALLED ON SLOPES 3:1 OR GREATER (TYP.)

3 EROSION CONTROL BANK STABILIZATION DETAIL

SCALE: N.T.S.

MAINTENANCE NOTES:

- ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHALL BE PUMPED TO A STABILIZED AREA SUCH AS A GRASS FILTER STRIP.
- ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
- DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL.
- THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
- INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.
- LOCATION(S) TO BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE



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0	09/21/2022	FINAL EM&CP SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL EROSION AND SEDIMENT CONTROL DETAILS

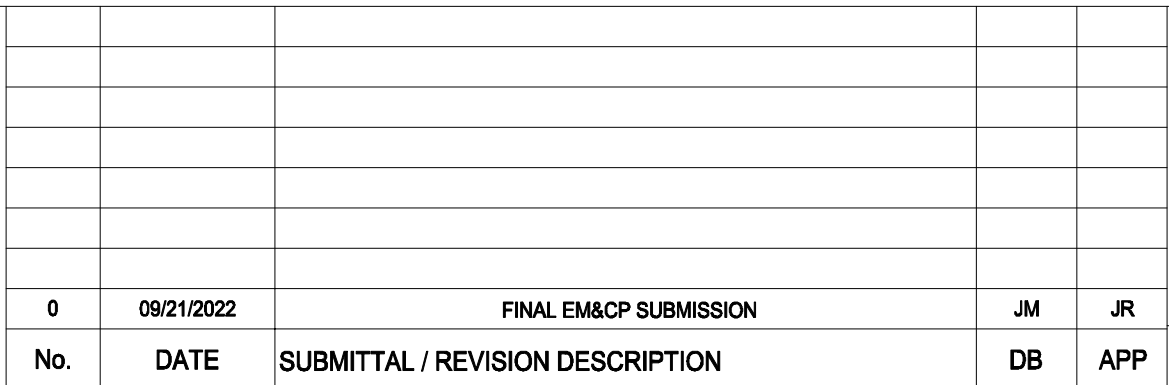
DRAWN BY: JJE DESIGNED BY: JTM APPROVED BY: JPR SCALE: AS NOTED DATE: 09/21/2022
REV. NO. X SH.NO. XXX OF XXX

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-602



1. IN-STREAM EXCAVATION SHOULD BE COMPLETED IN ACCORDANCE WITH "TEMPORARY ACCESS WATERWAY CROSSING" ON PAGE 2.32 OF THE 2016 NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (OR NEWEST VERSION) AND THE CERTIFICATE.
2. THE CONSTRUCTION OF ANY CROSSING SHOULD NOT CAUSE A SIGNIFICANT WATER LEVEL DIFFERENCE BETWEEN THE UPSTREAM AND DOWNSTREAM WATER SURFACE ELEVATIONS. IN-STREAM WORK WILL BE PROHIBITED WITHIN COLD WATER TROUT FISHERIES FROM OCTOBER 1 TO MAY 31.
3. ALL FILL MATERIALS ASSOCIATED WITH THE ROADWAY APPROACH SHOULD BE LIMITED TO A MAXIMUM HEIGHT OF 2 FEET ABOVE THE EXISTING FLOOD PLAIN ELEVATION.
4. A WATER DIVERTING STRUCTURE SUCH AS A SWALE OR WARE BAR SHOULD BE CONSTRUCTED (ACROSS THE ROADWAY ON BOTH ROADWAY APPROACHES) 50 FEET (MAXIMUM) ON EITHER SIDE OF THE WATERWAY CROSSING. THIS WILL PREVENT ROADWAY SURFACE RUNOFF FROM DIRECTLY ENTERING THE WATERWAY. THE 50 FEET MEASURED IS MEASURED FROM THE TOP OF THE WATERWAY BANK. IF THE ROADWAY APPROACH IS CONSTRUCTED WITH A REVERSE GRADE AWAY FROM THE WATERWAY, A SEPARATE DIVERTING STRUCTURE IS NOT REQUIRED.
5. ALL CROSSINGS SHOULD HAVE ONE TRAFFIC LANE. THE MINIMUM WIDTH SHOULD BE 12 FEET WITH A MAXIMUM WIDTH OF 20 FEET.
6. ANCHORS: TIMBER MATS SHOULD BE SECURELY ANCHORED AT ONLY ONE END, USING STEEL CABLE OR CHAIN. ANCHORING AT ONLY ONE END WILL PREVENT CHANNEL OBSTRUCTION IN THE EVENT THAT FLOODWATERS FLOAT THE BRIDGE. ACCEPTABLE ANCHORS ARE LARGE TREES, LARGE BOULDERS, OR DRIVEN STEEL ANCHORS. ANCHORING SHOULD BE SUFFICIENT TO PREVENT THE TIMBER MATS FROM FLOATING DOWNSTREAM AND POSSIBLY CAUSING AN OBSTRUCTION TO THE FLOW.

SCALE: N.T.S.



C-611

DATE	09/21/2022
SH.NO.	XXX OF XXX

Appendix F

SWPPP Inspection Forms

PERMIT NUMBER: NYR-

PRE-CONSTRUCTION MEETING DOCUMENTS

Project Name _____

GP-0-20-001 Permit No. _____ **Date of Authorization** _____

Name of _____

Owner/Operator _____

General Contractor _____

The Following Information To Be Read By All Person's Involved in The Construction of Stormwater Related Activities:

Site Assessment and Inspections -

- a. The Owner or Operator agrees to have a Qualified Inspector¹ conduct an assessment of the site prior to the commencement of construction. The Qualified Inspector shall certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed or implemented to ensure overall preparedness of the site for the commencement of construction.
- b. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and temporary stabilization measures have been applied to all disturbed areas, the owner or operator can stop conducting inspections. The owner or operator shall resume inspections as soon as soil disturbance activities are reinitiated.
- c. For construction sites where soil disturbance activities have been shut down with partial project completion, the owner or operator can stop conducting inspections if all areas disturbed (as of the project shutdown date) have achieved final stabilization and all post-construction stormwater management practices, required for the completed portion of the project, have been constructed in conformance with the SWPPP and are operational.
- d. Following the commencement of construction, site inspections shall be conducted by the Qualified Inspector to ensure that erosion and sediment controls are being maintained in effective operating condition at all times. Inspections shall occur at least: (i) once every 7 calendar days for construction sites where soil disturbance activities are occurring; (ii) twice every 7 calendar days for construction sites where soil disturbance activities are occurring and the Owner/Operator has received authorization to disturb greater than five (5) acres of soil at any one time; (iii) once every thirty (30) calendar days for construction sites where soil disturbance activities have been temporarily suspended and temporary stabilization measures have been applied to all disturbed areas; and (iv) for construction sites where soil disturbance activities have been shut down with partial project completion, the Qualified Inspector can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved final stabilization, and all post-construction stormwater management practices for the completed portion of the project have been constructed in conformance with the SWPPP and are operational.
- e. The owner or operator shall notify the Regional Office stormwater contact person in writing prior to reducing the frequency of any inspections.

- f. The Owner/Operator shall maintain a record of all inspection reports in the site log book. The site log book shall be maintained on site and be made available to the permitting authorities upon request. Prior to the commencement of construction,² the Owner/Operator shall certify in the site log book that the SWPPP is prepared in accordance with the State's standards and meets all Federal, State and local erosion and sediment control requirements.
- g. Prior to filing of the Notice of Termination or the end of permit term, the Owner/Operator shall have the Qualified Inspector perform a final site inspection. The Qualified Inspector shall certify that the site has undergone final stabilization³ using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed.

¹"Qualified Inspector" means a person knowledgeable in the principles and practice of erosion and sediment controls, such as a Certified Professional in Erosion and Sediment Control (CPESC), soil scientist, licensed Professional Engineer (PE), licensed Landscape Architect, or other Department endorsed individual(s). It may also mean someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), or soil scientist provided that person has training in the principles and practices of erosion and sediment control. Training means that person has received four (4) hours of training endorsed by the Department and shall receive four (4) hours of training every three (3) years after the initial training session.

²"Commencement of construction" means the initial removal of vegetation and disturbance of soils associated with clearing, grading or excavating activities or other construction activities.

³"Final stabilization" means that all soil disturbance activities at the site have been completed and a uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established, or equivalent stabilization measures (such as the use of mulches or geotextiles, rock rip-rap or washed/crushed stone) have been employed on all disturbed areas that are not covered by permanent structures, concrete or pavement.

PRE-CONSTRUCTION SITE ASSESSMENT FORM

Inspector Name and Title

Date and Time of Inspection

Qualified Inspector

Qualified Inspector Signature

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the following forms is accurate and complete.

a. Notice of Intent, SWPPP, and Contractors' Certification:**Yes No NA**

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Has a Notice of Intent been filed with the NYS Department of Conservation? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the SWPPP on-site? Where? _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is the Plan current? What is the latest revision date? _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Have all contractors involved with implementing the erosion and sediment control portions of the SWPPP signed the contractor's certification? |

b. Resource Protection**Yes No NA**

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are construction limits clearly flagged or fenced? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Important trees and associated rooting zones, on-site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, etc. have been flagged for protection. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Creek crossings installed prior to land-disturbing activity, including clearing and blasting. |

c. Surface Water Protection**Yes No NA**

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Clean stormwater runoff has been diverted away from areas to be disturbed. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Bodies of water located either on site or in the vicinity of the site have been identified and protected. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Appropriate practices to protect on-site or downstream surface waters are installed. |

d. Stabilized Construction Entrance**Yes No NA**

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other access areas (entrances, construction routes, equipment parking areas) are stabilized immediately as work takes place with gravel or other cover. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Sediment tracked onto public streets is removed or cleaned on a regular basis. |

e. Perimeter Sediment Controls**Yes No NA**

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Silt fence material and installation comply with the standard drawing and specifications. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Silt fences are installed at appropriate spacing intervals |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Sediment/detention basin was installed |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Sediment traps and barriers are installed. |

PERMIT NUMBER:

INSPECTION REPORT #__ :

Location

Date and Time of Inspection

Qualified Inspector (name and title)

Qualified Inspector Signature

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the following forms is accurate and complete.

☐ **Weekly Inspection**

Current Phase of Construction (if applicable):

Estimated Current Total Disturbed Area:

IMMEDIATE ACTION ITEMS / INSPECTION SUMMARY:

It is the responsibility of the Qualified Inspector to notify the owner/operator and appropriate contractor of any corrective actions that need to be taken within one (1) business day of the completion of an inspection. It is the responsibility of the contractor (subcontractor) to begin implementing the corrective actions within one (1) business day of this notification and complete the corrective action within a reasonable time frame. If there are action items from the previous inspection which have not been addressed, so note.

Per the GP-0-20-001, Digital photographs with date stamp, that clearly show the condition of all practices that have been identified as needing corrective actions shall be included with each inspection report. The qualified inspector shall attach paper color copies of the digital photographs to the inspection report being maintained onsite within seven (7) calendar days of the date of the inspection. The qualified inspector shall also take digital photographs, with date stamp, that clearly show the condition of the practice(s) after the corrective action has been completed. Paper color copies of these digital photographs shall be attached to the inspection report, documenting the completion of the corrective action work within seven (7) calendar days of that inspection.

1. GENERAL HOUSEKEEPING

Includes description of the weather and soil conditions (e.g. dry, wet, saturated) during the time of the inspection, a description of the condition of the runoff at all points of discharge from the construction site (including identification of any discharges of sediments from construction site), inspection for stream/pond turbidity, oil and floating substances, visible oil film, or globules or grease, contractor preparedness for implementation of erosion and sediment control, impact on adjacent property, and dust control.

Yes No

☐☐

Is there immediate action required regarding General Housekeeping?

Notes:

2. EXCAVATION DEWATERING

Includes inspection ensuring that clean water from upstream pool is being pumped to the downstream pool, that sediment laden water from work area is being discharged to a silt-trapping device, and that constructed upstream berm has one-foot minimum freeboard.

Yes No

☐☐

Is there immediate action required regarding Excavation Dewatering?

Notes:

3. INTERCEPTOR DIKES AND SWALES

Includes inspection ensuring that dikes and swales are installed per plan with minimum side slopes 2H:1V or flatter, are stabilized by geotextile fabric, seed, or mulch with no erosion occurring, and that sediment-laden runoff is directed to sediment trapping structure.

Yes No

☐☐

Is there immediate action required regarding an Interceptor Dike or Swale?

Notes:

4. EROSION & SEDIMENT CONTROL

Includes inspection ensuring that erosion and sediment control practices are located and installed correctly, BMPs are maintained per specifications, stockpiles are stabilized and contained, de-watering operations prevent direct discharges to sensitive features, and that clearing and grading operations are divided into stages for large areas. Identification of all erosion and sediment control practices that need repair or maintenance.

Yes No

☐☐

Is there immediate action required regarding Erosion & Sediment Control?

Notes:

5. AREAS OF DISTURBANCE

Includes description and sketch of areas that are disturbed at the time of the inspection and areas that have been stabilized (temporary and/or final) since last inspection.

Yes No

☐☐

Is there immediate action required regarding stabilizing disturbed areas?

Notes:

6. STABILIZED CONSTRUCTION ENTRANCE

Includes inspection ensuring that stone is clean enough to effectively remove mud from vehicles, is installed per standards and specifications, that all traffic use the stabilized entrance to enter and leave site, and that adequate drainage is provided to prevent ponding at entrance.

Yes No

☐☐

Is there immediate action required regarding a Stabilized Construction Entrance?

Notes:

7. REINFORCED SILT FENCE

Includes inspection ensuring that silt fence is installed on contour, 10 feet from toe of slope, joints are constructed by wrapping the two ends together for continuous support, steel posts installed (if applicable), installed on downstream side of slope, maximum 6' intervals with 6 x 6 inch 14 gage wire, fabric is buried minimum of 6 inches, posts are stable, fabric is tight and without rips or frayed areas, and that sediment accumulation is less than 1/3 the height of the silt fence.

Yes No

☐☐

Is there immediate action required regarding Silt Fence?

Notes:

8. STONE CHECK DAM

Includes inspection ensuring that stone check dam channels are without erosion (i.e., flow is not eroding soil underneath or around the structure), that check dam is in good condition (i.e., rocks have not been displaced and no permanent pools behind the structure), and that sediment accumulation is less than design capacity.

Yes No

☐☐

Is there immediate action required regarding a Stone Check Dam?

Notes:

9. COMPOST FILTER SOCK

Includes inspection ensuring that compost filter sock is anchored in earth with 2"x2" wooden stakes driven 12" into the soil on 10 foot centers on the centerline of the sock. On uneven terrain, effective ground contact can be enhanced by the placement of a fillet of filter media on the disturbed area side of the compost sock. Damaged filter socks shall be replaced or repaired according the manufacturer's recommendations.

Yes No

☐☐

Is there immediate action required regarding Compost Filter Sock?

Notes:

10. FILTER FABRIC (DROP) INLET PROTECTION

Includes inspection ensuring that protection is installed with 2-inch x 4-inch wood frame and wood posts, with maximum 3-foot spacing, is buried a minimum of 8 inches and secured to frame/posts with staples at max 8-inch spacing, has posts with 3-foot maximum spacing between posts, has posts that are stable, fabric is tight and without rips or frayed areas, and that sediment accumulation is within design capacity.

Yes No

☐☐

Is there immediate action required regarding Filter Fabric (Drop) Inlet Protection?

Notes:

11. SILTSACK® INLET PROTECTION

Includes inspection ensuring that protection is installed per manufacturers specifications and is maintained per manufacturers recommendations.

Yes No

☐☐

Is there immediate action required regarding the Inlet Protection?

Notes:

12. TEMPORARY SEDIMENT TRAP

Includes inspection ensuring that outlet structure is constructed per the approved plan or drawing, that geotextile fabric has been placed beneath rock fill, and that sediment accumulation is within design capacity.

Yes No

☐☐

Is there immediate action required regarding Temporary Sediment Traps?

Notes:

13.CONCRETE WASHOUT

Includes inspection ensuring that the concrete washout is constructed and maintained per the approved plan or drawing.

Yes No

☐☐

Is there immediate action required regarding Concrete Washouts?

Notes:

14.STORMWATER BASIN

Includes inspection ensuring that Permanent Stormwater Basins are installed per plans and specifications.

Yes No

☐☐

Is there immediate action required regarding Stormwater Basins?

Notes:

15.CURRENT PHASE OF POST-CONSTRUCTION STORMWATER PRACTICES

Includes inspection of current phase of all post-construction stormwater management practices, identification of all construction that is not in conformance with the SWPPP and technical standards, identify corrective action(s) that must be taken to install, repair, replace or maintain erosion and sediment control practices, and to correct deficiencies identified with the construction of post-construction stormwater management practice(s).

Yes No

☐☐

Is there immediate action required regarding the current phase of post-construction stormwater management practices?

Notes:

ADDITIONAL NOTES / MODIFICATIONS

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Appendix G

SWPPP Amendments

Appendix H
Notice of Intent (NOI)
SPDES GP-0-20-001

NOI for coverage under Stormwater General Permit for Construction Activity

version 1.35

(Submission #: HPF-BA3C-82ET6, version 1)

Details

Originally Started By	Julia Chan
Alternate Identifier	Champlain Hudson Power Express Segments 1 and 2 Packages 1A1B
Submission ID	HPF-BA3C-82ET6
Submission Reason	New
Status	Draft
Active Steps	Form Submitted

Form Input

Owner/Operator Information

Owner/Operator Name (Company/Private Owner/Municipality/Agency/Institution, etc.)

Transmission Developers Inc.

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

NONE PROVIDED

Owner/Operator Contact Person First Name

NONE PROVIDED

Owner/Operator Mailing Address

1301 Avenue of the Americas, 26th Floor

City

New York City

State

New York

Zip

10019

Phone

NONE PROVIDED

Email

NONE PROVIDED

Federal Tax ID

NONE PROVIDED

Project Location**Project/Site Name**

Champlain Hudson Power Express Segments 1 and 2 Packages 1A1B

Street Address (Not P.O. Box)

Route 3 and Route 22

Side of Street

East

City/Town/Village (THAT ISSUES BUILDING PERMIT)

Putnam Dresden Whitehall

State

NY

Zip

12861, 14441, and 12887

DEC Region

5

County

WASHINGTON

Name of Nearest Cross Street

NONE PROVIDED

Distance to Nearest Cross Street (Feet)

NONE PROVIDED

Project In Relation to Cross Street

NONE PROVIDED

Tax Map Numbers Section-Block-Parcel

NONE PROVIDED

Tax Map Numbers

NONE PROVIDED

1. Coordinates

Provide the Geographic Coordinates for the project site. The two methods are:

- Navigate to the project location on the map (below) and click to place a marker and obtain the XY coordinates.
- The "Find Me" button will provide the lat/long for the person filling out this form. Then pan the map to the correct location and click the map to place a marker and obtain the XY coordinates.

Navigate to your location and click on the map to get the X,Y coordinates

43.734000904537325,-73.37471336911929

Project Details**2. What is the nature of this project?**

Redevelopment with no increase in impervious area

3. Select the predominant land use for both pre and post development conditions.**Pre-Development Existing Landuse**

Linear Utility

Post-Development Future Land Use

Linear Utility (water/sewer/gas, etc.)

3a. If Single Family Subdivision was selected in question 3, enter the number of subdivision lots.

NONE PROVIDED

4. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage) within the disturbed area.

*** ROUND TO THE NEAREST TENTH OF AN ACRE. ***

Total Site Area (acres)

21.34

Total Area to be Disturbed (acres)

21.34

Existing Impervious Area to be Disturbed (acres)

17.07

Future Impervious Area Within Disturbed Area (acres)

17.07

5. Do you plan to disturb more than 5 acres of soil at any one time?

No

6. Indicate the percentage (%) of each Hydrologic Soil Group(HSG) at the site.**A (%)**

2

B (%)

7

C (%)

0

D (%)

91

7. Is this a phased project?

Yes

8. Enter the planned start and end dates of the disturbance activities.**Start Date**

9/1/2022

End Date

8/31/2023

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Wetlands, Tribs to Lake Champlain, Mill Brook, Pine Lake Brook, South Bay, Champlain Canal and tribs