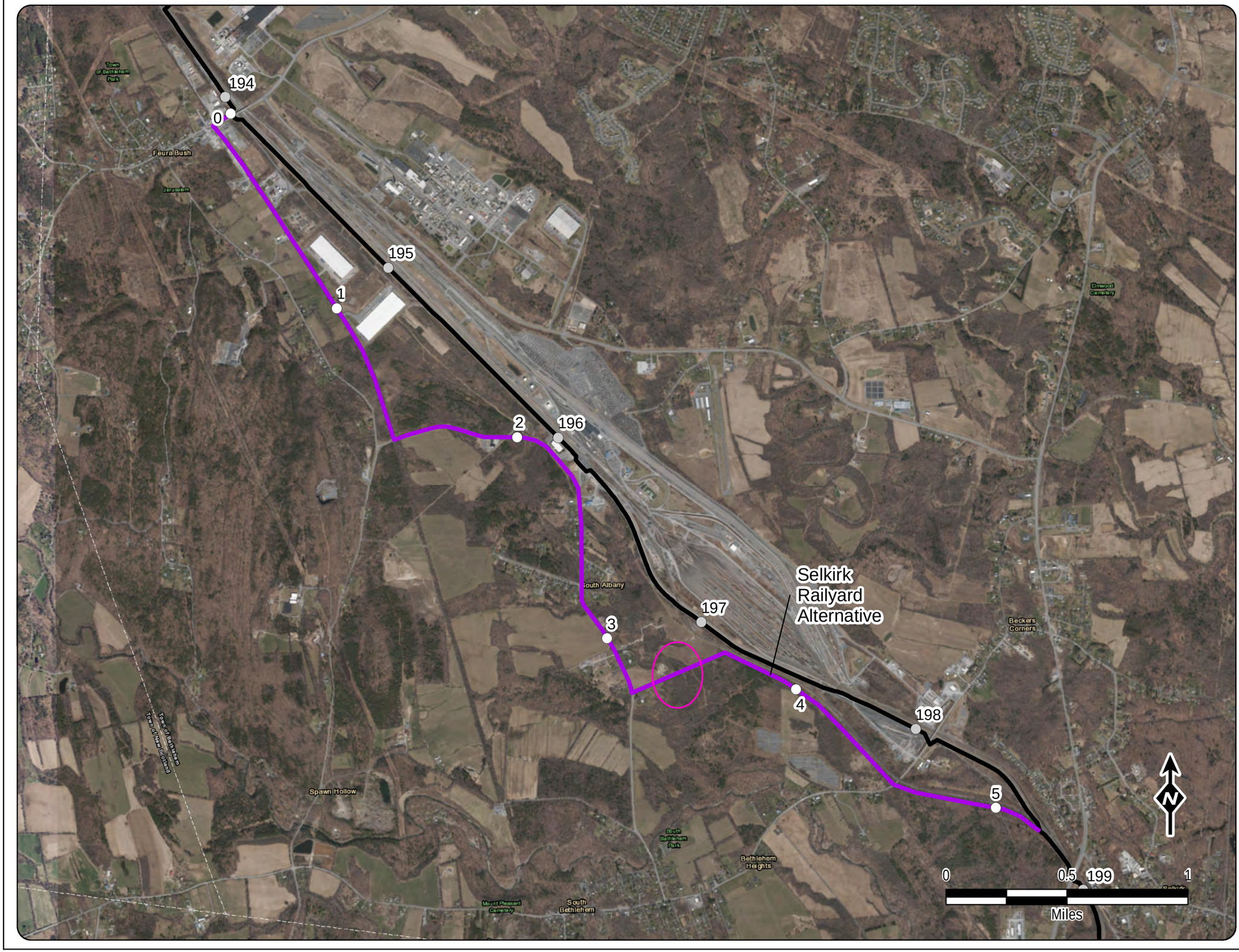
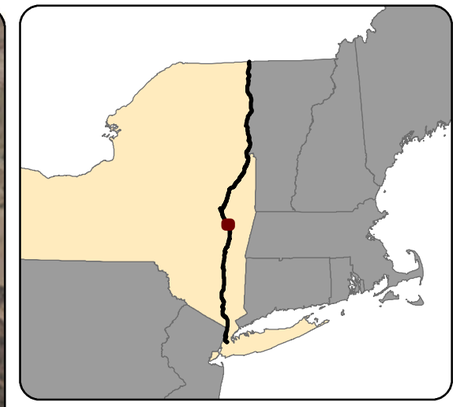




Legend

- Route Alt MP (1 mile)
- Milepost
- Alternate Terrestrial Route
- Terrestrial Route HVDC
- Culturally Sensitive Walkover Area

Basemap: ESRI Aerial

Transmission Developers Inc.

Champlain-Hudson Power Express Project

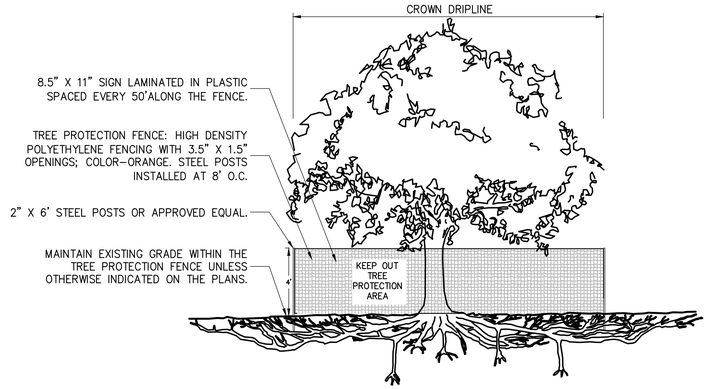
Champlain-Hudson Power Express Inc.

Figure 20. Selkirk Railyard Alternative **Culturally Sensitive Walkover Area**

Prepared by: TRC 11/7/2019

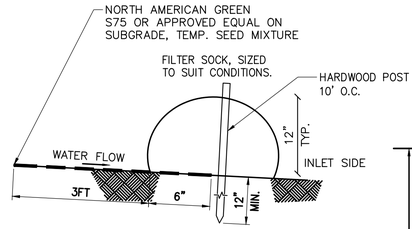
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APPENDIX F
EROSION AND
SEDIMENT CONTROL MAPS
PLANS AND PROFILES



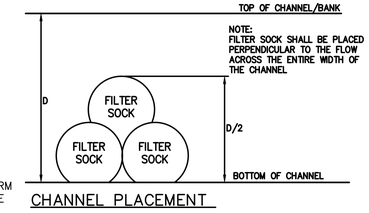
NOTES:
1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION FENCE FOR DURATION OF PROJECT.
2. NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
3. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
4. SEE EROSION CONTROL PLANS FOR LOCATIONS OF TREE PROTECTION AREAS.

1 TREE PROTECTION
NOT TO SCALE



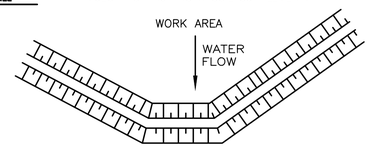
FILTER COMPOST MATERIAL AS PER SPECIFICATIONS.

NOTES:
1. ALL MATERIAL TO MEET MANUFACTURER SPECIFICATIONS.
2. ALL FILTER SOCKS SHALL BE 12" DIAMETER OR LARGER.
3. THE CONTRACTOR SHALL MAINTAIN THE COMPOST FILTER BERM IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
4. WHERE THE BERM REQUIRES REPAIR, IT WILL BE ROUTINELY REPAIRED.
5. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE BERM WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE BERM, OR AS DIRECTED BY THE OWNERS.
6. THE COMPOST FILTER BERM WILL BE REMOVED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE OWNERS.
7. INSTALL PERPENDICULAR TO FLOW.



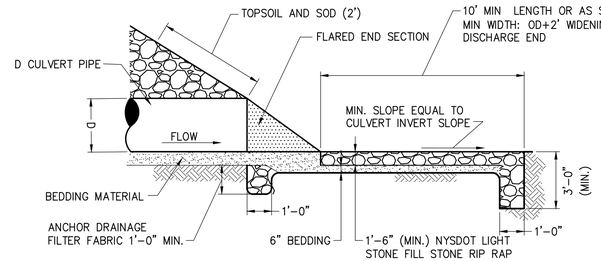
CHANNEL PLACEMENT

MAINTENANCE NOTES:
1. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES ½ OF THE EXPOSED HEIGHT OF THE PRACTICE AND DISPOSED OF IN ACCORDANCE WITH THE SWPPP.
3. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED IN THE MANNER REQUIRED BY THE MANUFACTURER OR REPLACED WITHIN 24 HOURS OF INSPECTION NOTIFICATION.
4. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTO–DEGRADABLE FILTER SOCKS AFTER 1 YEAR. POLY–PROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
5. UPON STABILIZATION OF THE AREA CONTRIBUTORY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK SHALL BE REMOVED. FOR REMOVAL THE MESH CAN BE CUT AND COMPOST SPREAD AS AN ADDITIONAL MULCH TO ACT AS A SOIL SUPPLEMENT.

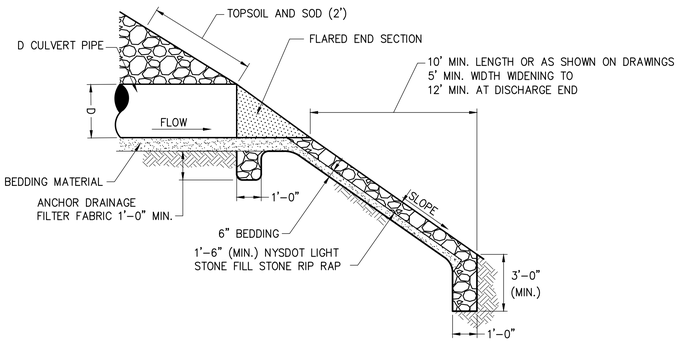


AT GRADE PLACEMENT

2 COMPOST FILTER SOCK DETAIL
SCALE: N.T.S.

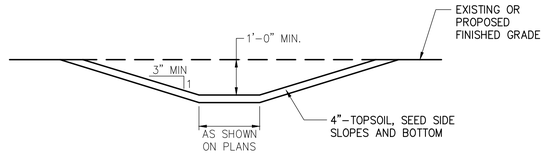


TYPICAL OUTFALL

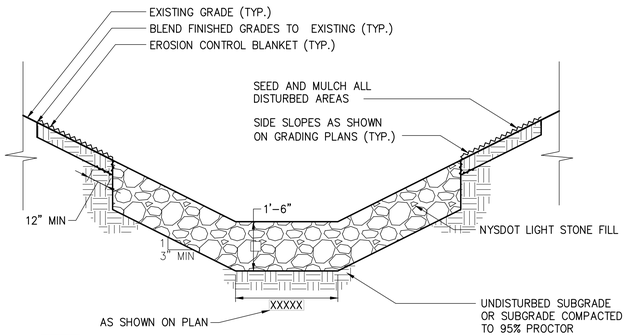


TYPICAL OUTFALL ON SLOPE

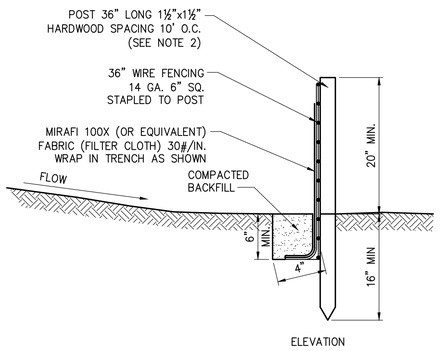
4 TYPICAL CULVERT OUTFALL RIP RAP
SCALE: N.T.S.



5 TYPICAL GRASS DRAINAGE SWALE
SCALE: N.T.S.



6 LIGHT STONE–LINED DRAINAGE CHANNEL
SCALE: N.T.S.



ELEVATION

NOTES:

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 FABRIC 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 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.

3 SILT FENCE
SCALE: N.T.S.

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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
F	04/14/2023	FINAL SUBMISSION	BL	BD
E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL DETAILS

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-601

DRAWN BY: BL | DESIGNED BY: BL | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. XX OF XXX

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E&SC KEY MAP
SCALE: 1" = 2000'

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ISSUED FOR PERMITTING

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B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

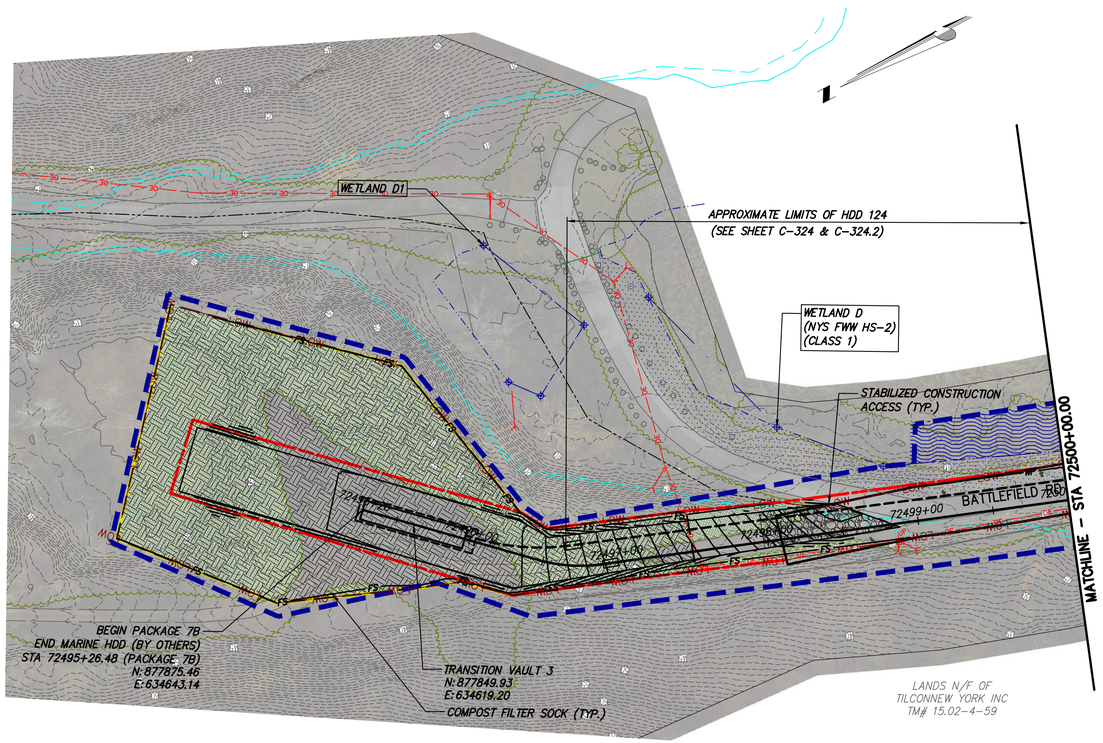
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
KEY PLAN E&SC

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KC PROJECT NO.	120174
DRAWING NO.	C-400

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STA. 72495+26.48 TO 72500+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

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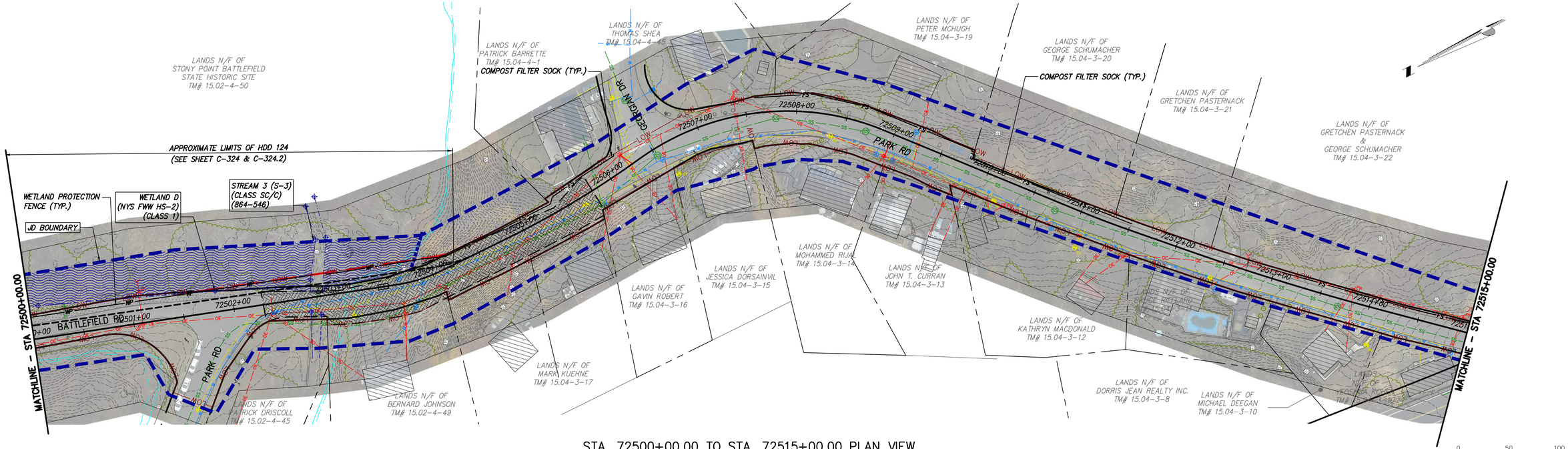
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C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72495+26.48 TO STA. 72500+00.00

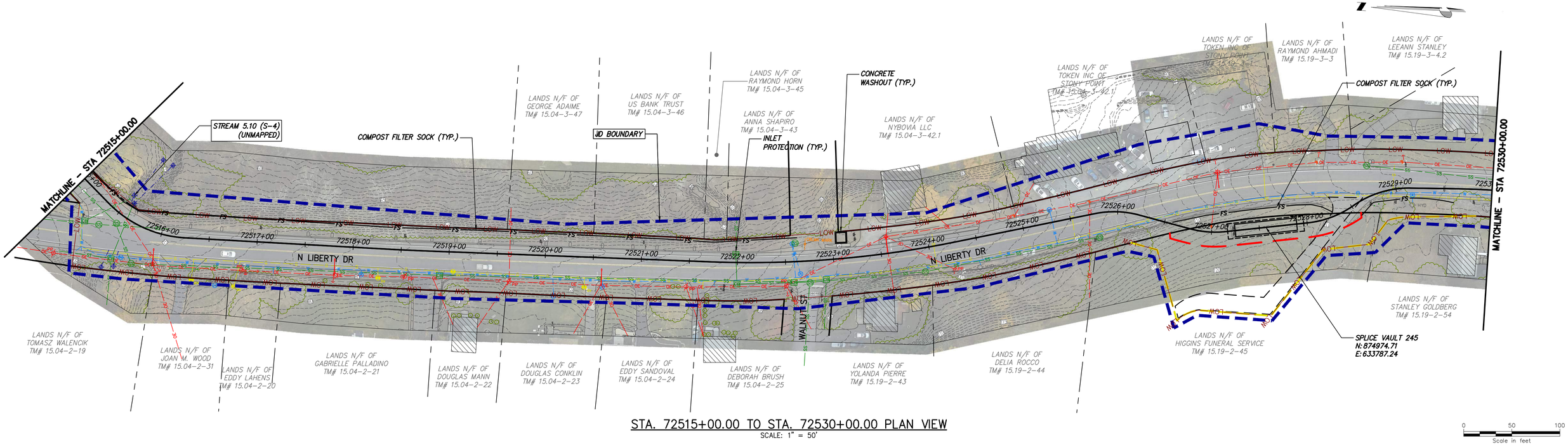
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DRAWING NO.	**C-400A**
SCALE	AS SHOWN
DATE	04/14/2023
REV. NO.	F
SH.NO.	XX OF XXX



STA. 72500+00.00 TO STA. 72515+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72515+00.00 TO STA. 72530+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

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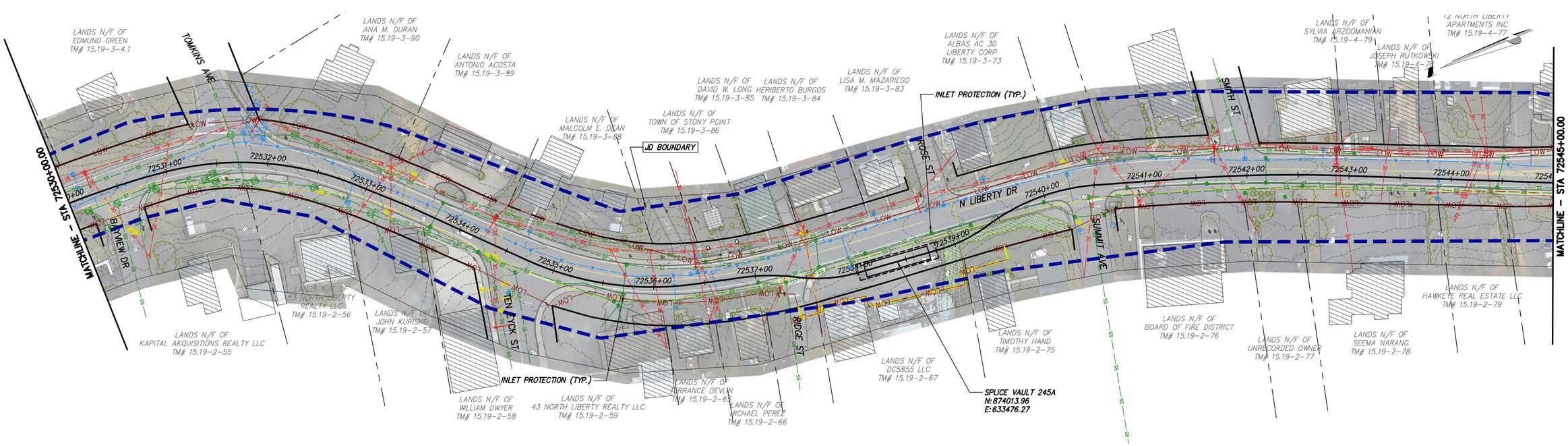
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B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72500+00.00 TO STA. 72530+00.00

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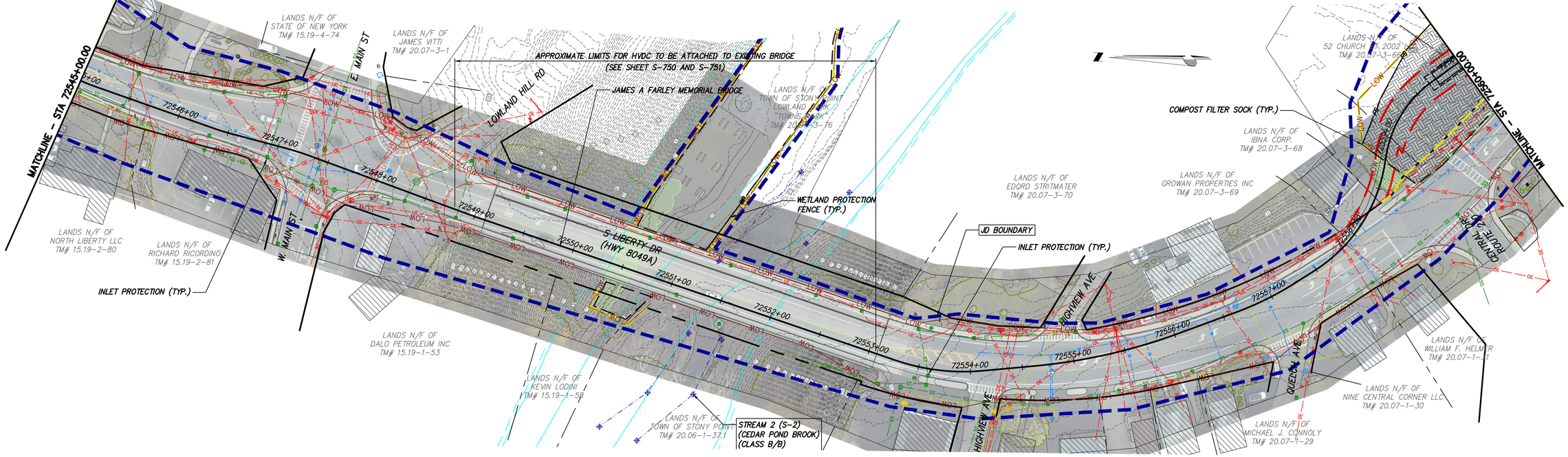
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STA. 72530+00.00 TO STA. 72545+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72545+00.00 TO STA. 72560+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

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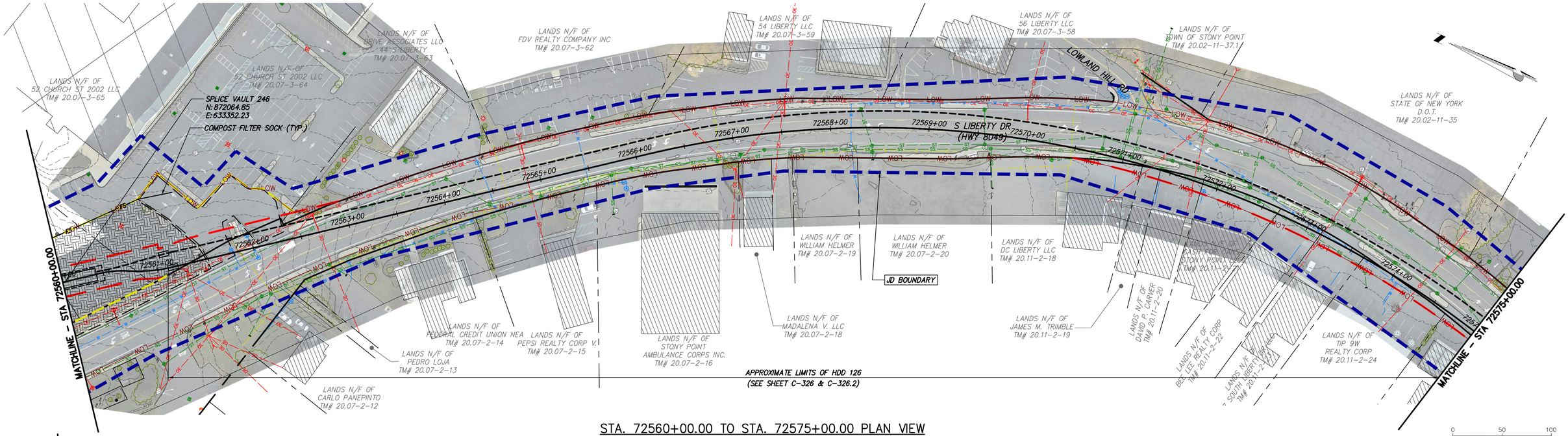
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D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72530+00.00 TO STA. 72560+00.00

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DRAWING NO. **C-402**

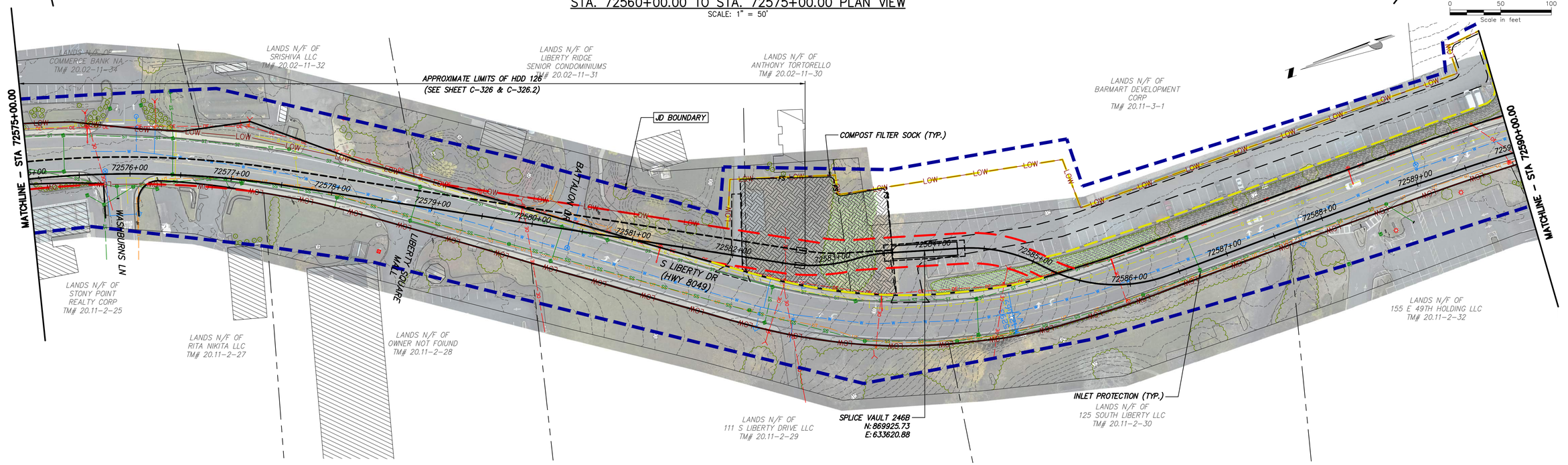
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STA. 72560+00.00 TO STA. 72575+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72575+00.00 TO STA. 72590+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet

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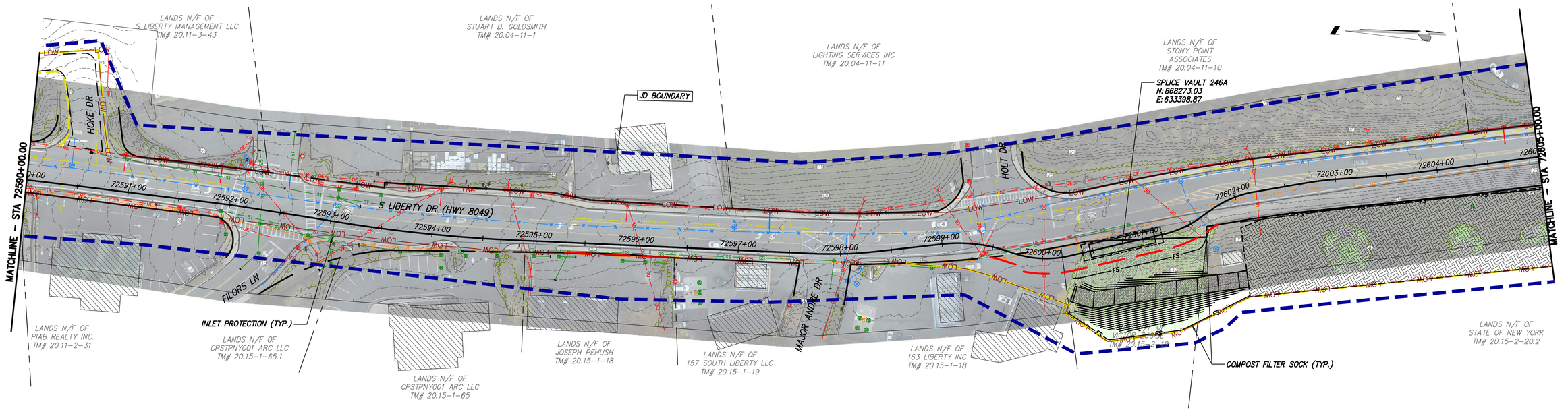
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D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72560+00.00 TO STA. 72590+00.00

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KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	**C-403**
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DATE	04/14/2023
REV. NO.	F
SH.NO.	XX OF XXX

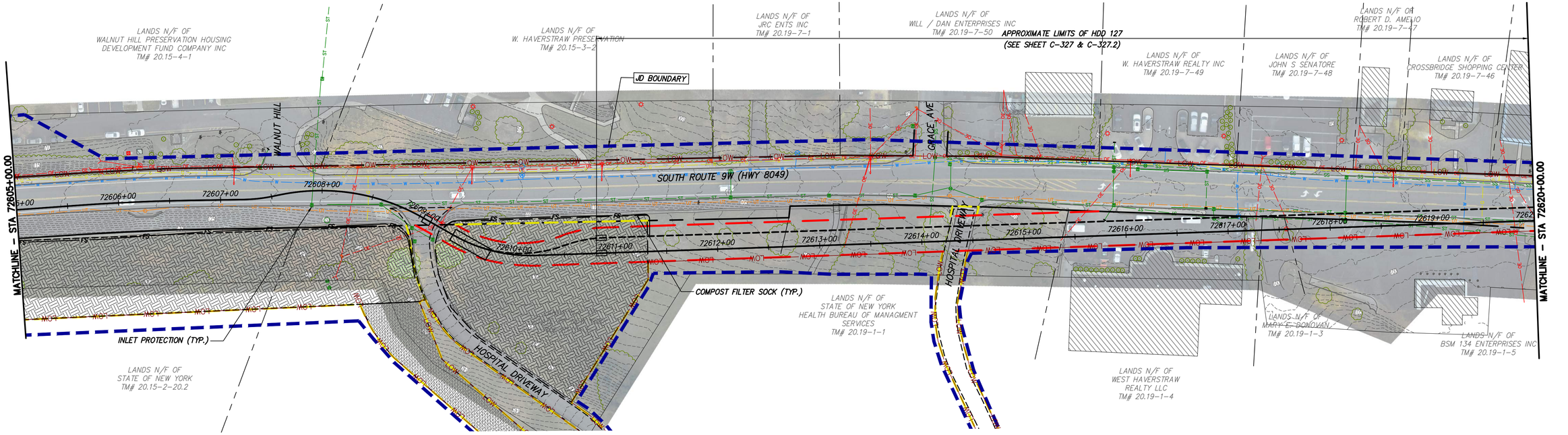
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STA. 72590+00.00 TO STA. 72605+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72605+00.00 TO STA. 72620+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

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.

ISSUED FOR PERMITTING

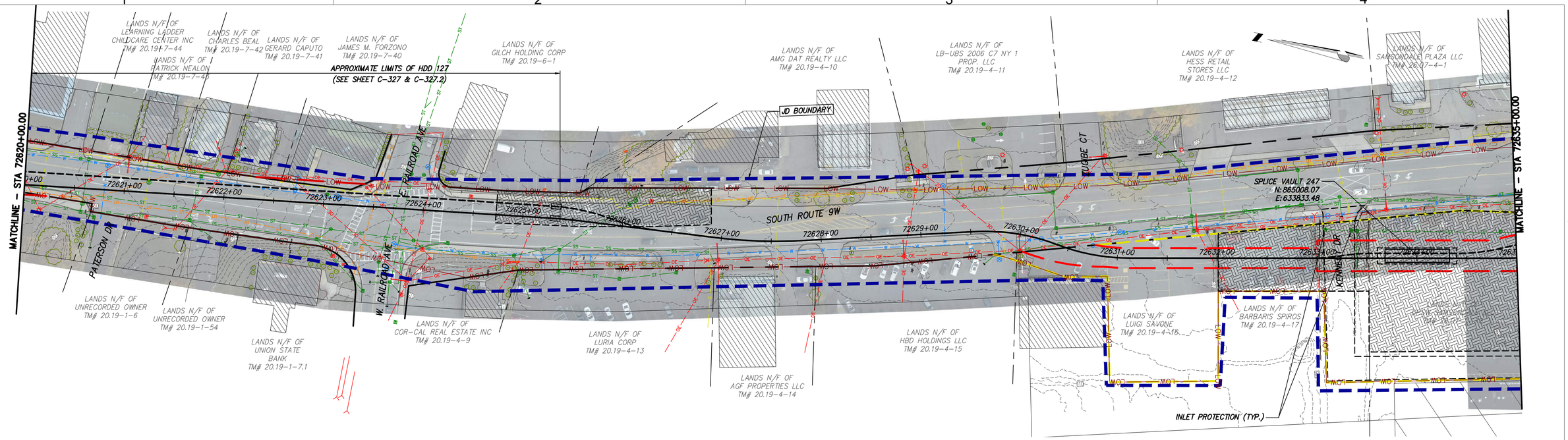
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72590+00.00 TO STA. 72620+00.00

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	**C-404**

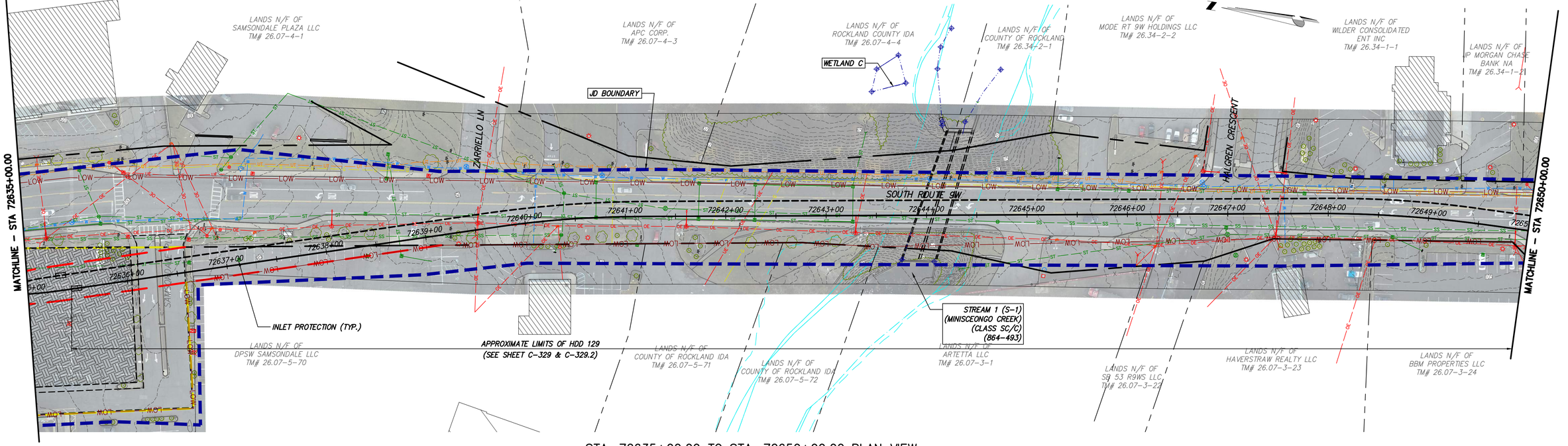
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STA. 72620+00.00 TO STA. 72635+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72635+00.00 TO STA. 72650+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

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ISSUED FOR PERMITTING

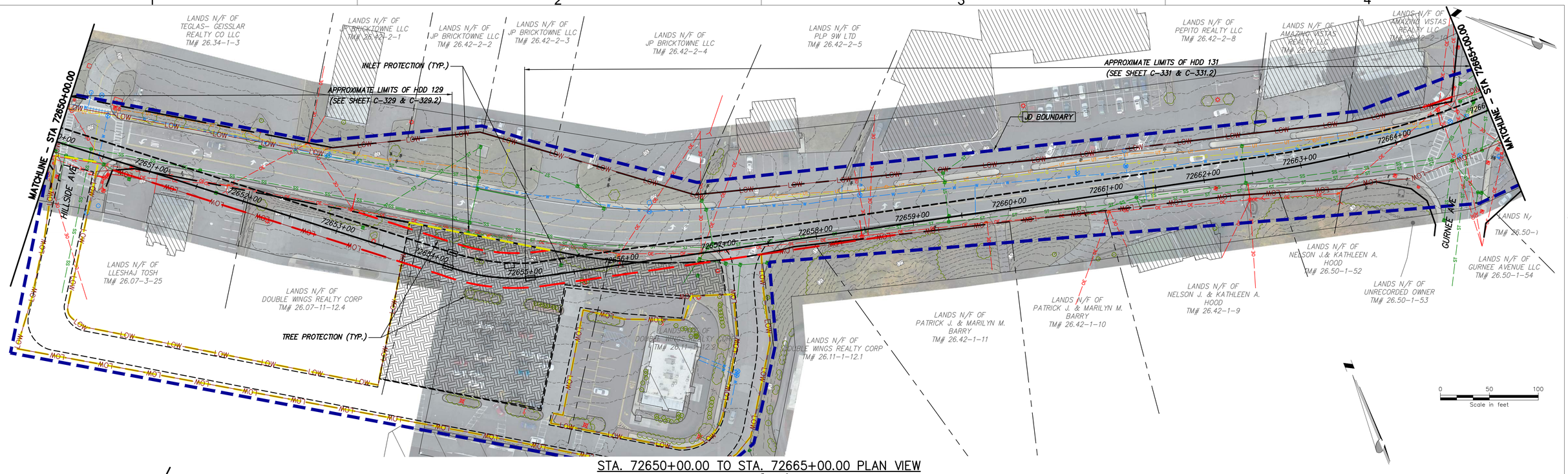
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72620+00.00 TO STA. 72650+00.00

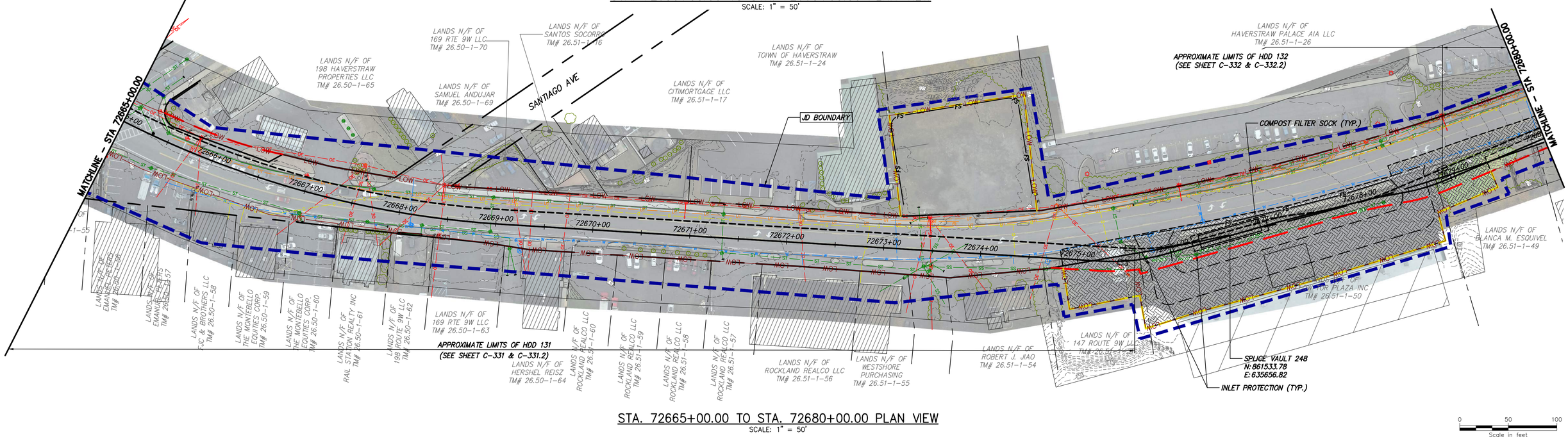
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KIEWIT PROJECT NO. 21162
KC PROJECT NO. 120174
DRAWING NO. **C-405**

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STA. 72650+00.00 TO STA. 72665+00.00 PLAN VIEW
SCALE: 1" = 50'



STA. 72665+00.00 TO STA. 72680+00.00 PLAN VIEW
SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

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ISSUED FOR PERMITTING

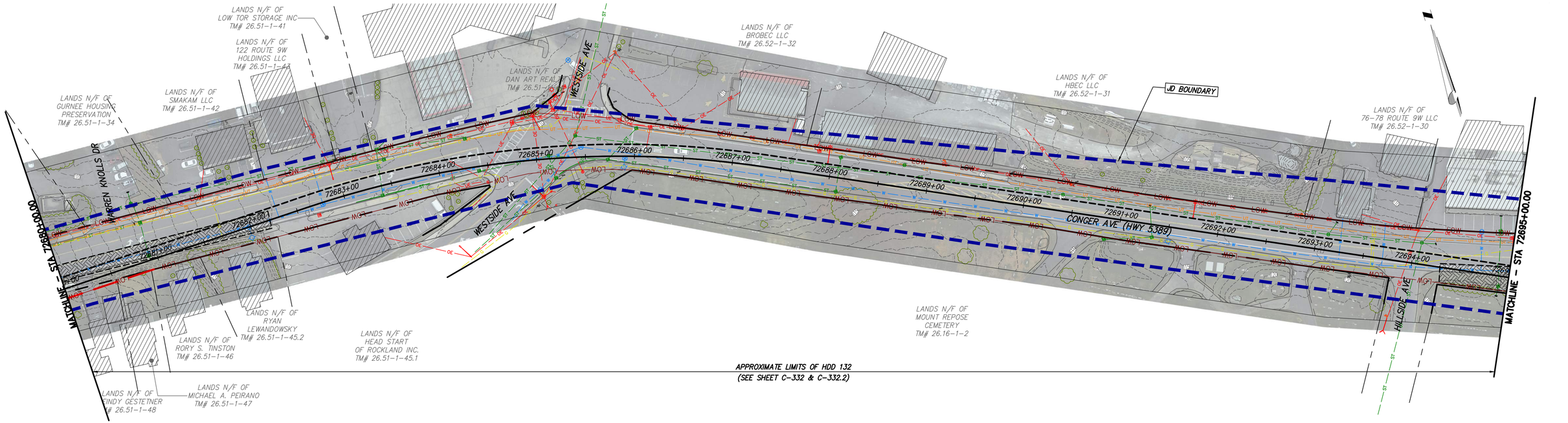
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72650+00.00 TO STA. 72680+00.00

DRAWN BY: BL | DESIGNED BY: BL | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. XX OF XXX

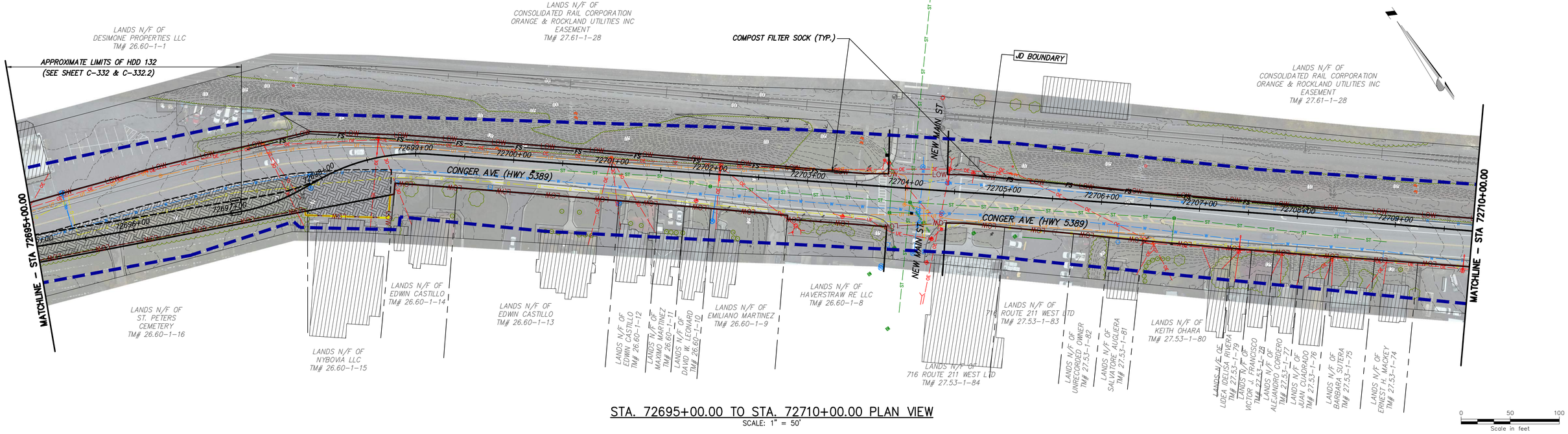
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KC PROJECT NO. 120174
DRAWING NO. **C-406**

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STA. 72680+00.00 TO STA. 72695+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72695+00.00 TO STA. 72710+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

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Engineering and Land Surveying, P.C.

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ISSUED FOR PERMITTING

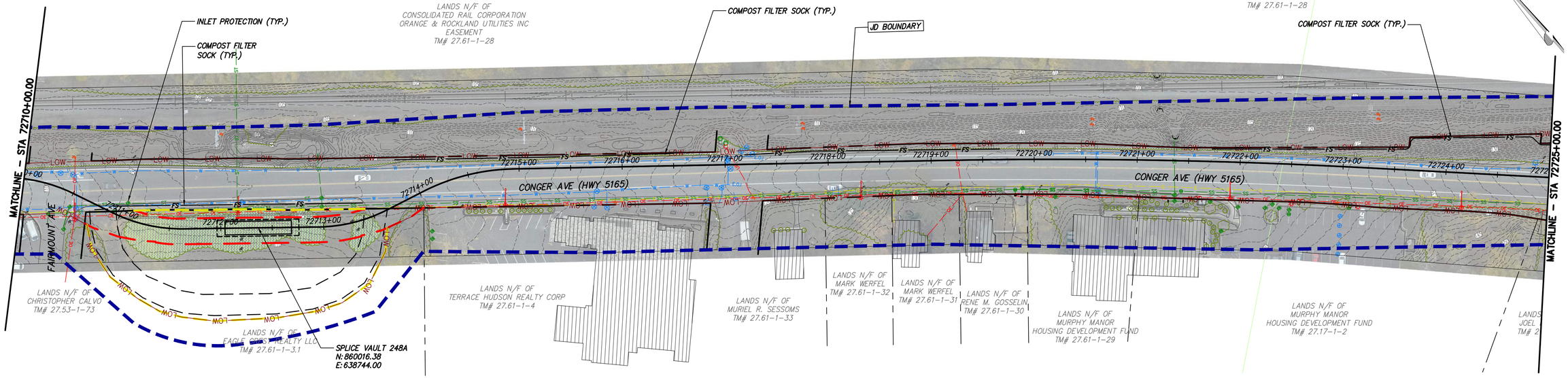
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72680+00.00 TO STA. 72710+00.00

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	**C-407**

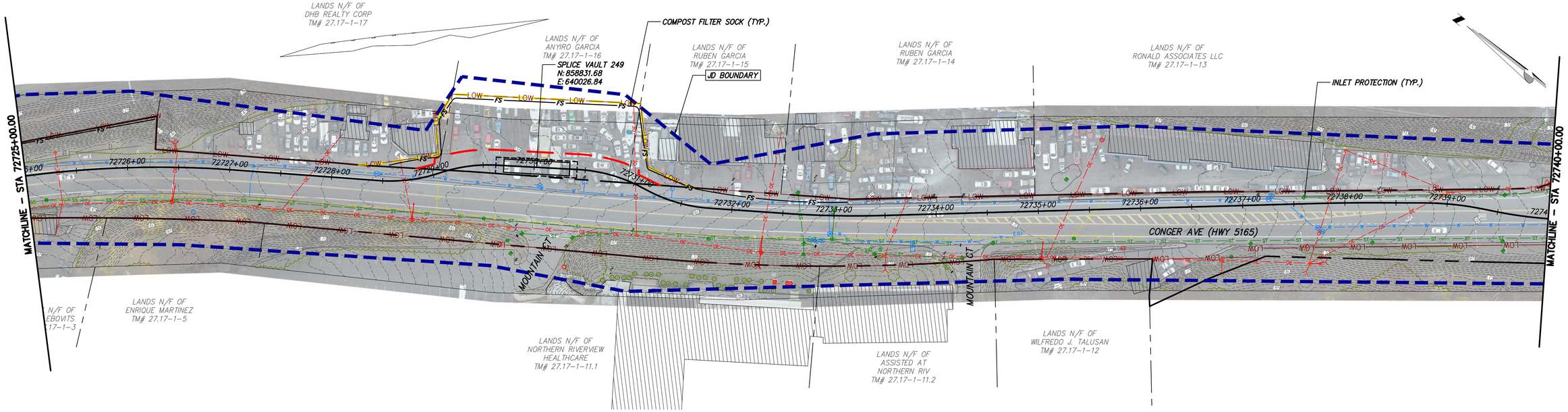
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STA. 72710+00.00 TO STA. 72725+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72725+00.00 TO STA. 72740+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

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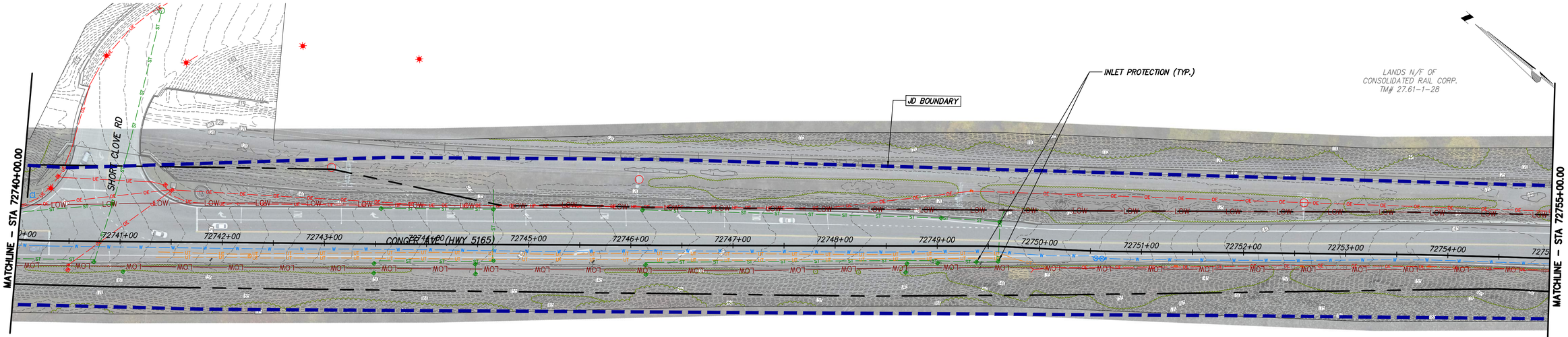
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72710+00.00 TO STA. 72740+00.00

DRAWN BY: BL | DESIGNED BY: BL | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. XX OF XXX

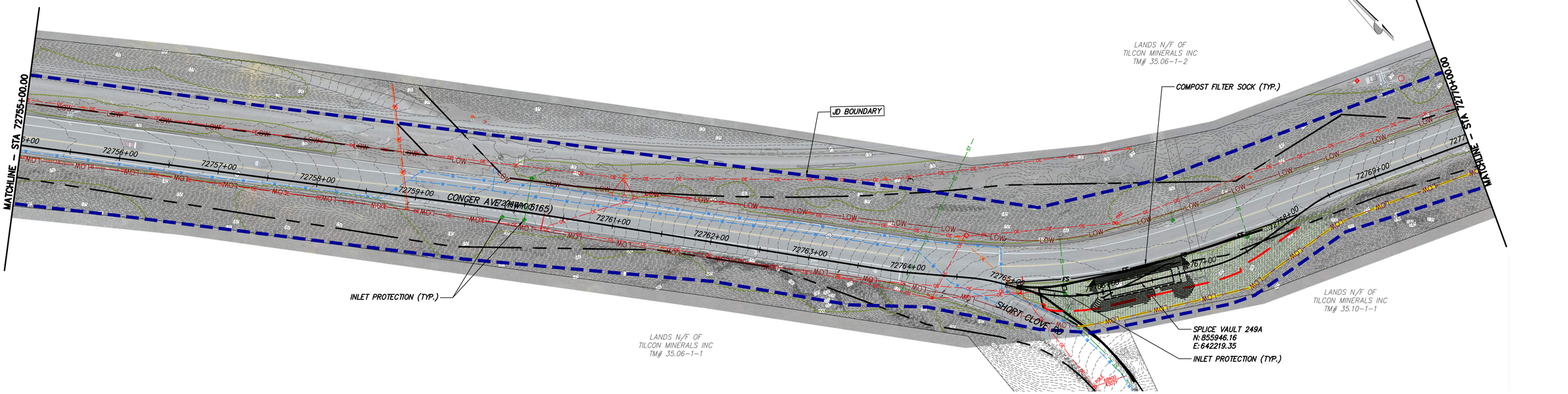
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KC PROJECT NO. 120174
DRAWING NO. **C-408**

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STA. 72740+00.00 TO STA. 72755+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72755+00.00 TO STA. 72770+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

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D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

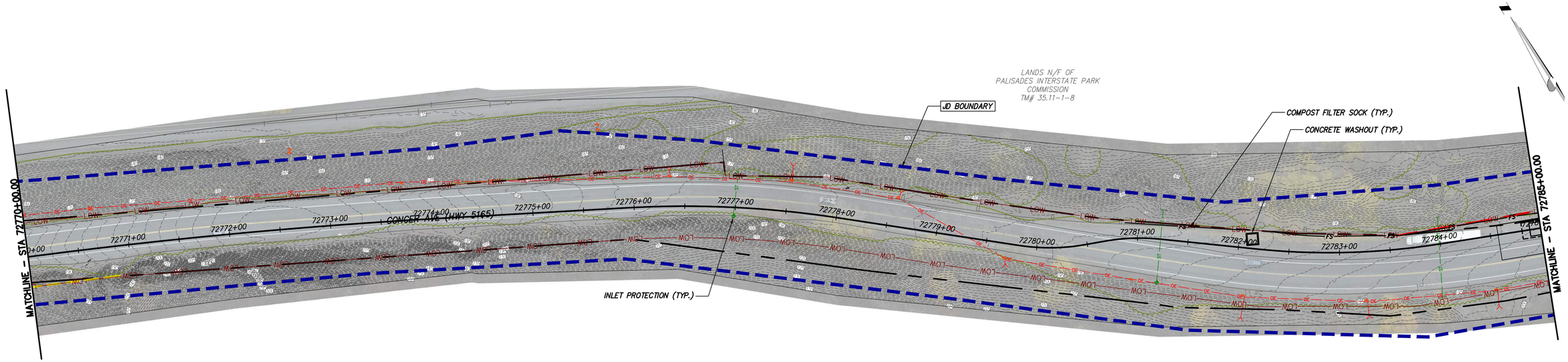
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72740+00.00 TO STA. 72770+00.00

DRAWN BY: BL | DESIGNED BY: BL | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. XX OF XXX

KIEWIT PROJECT NO. 21162
KC PROJECT NO. 120174
DRAWING NO. **C-409**

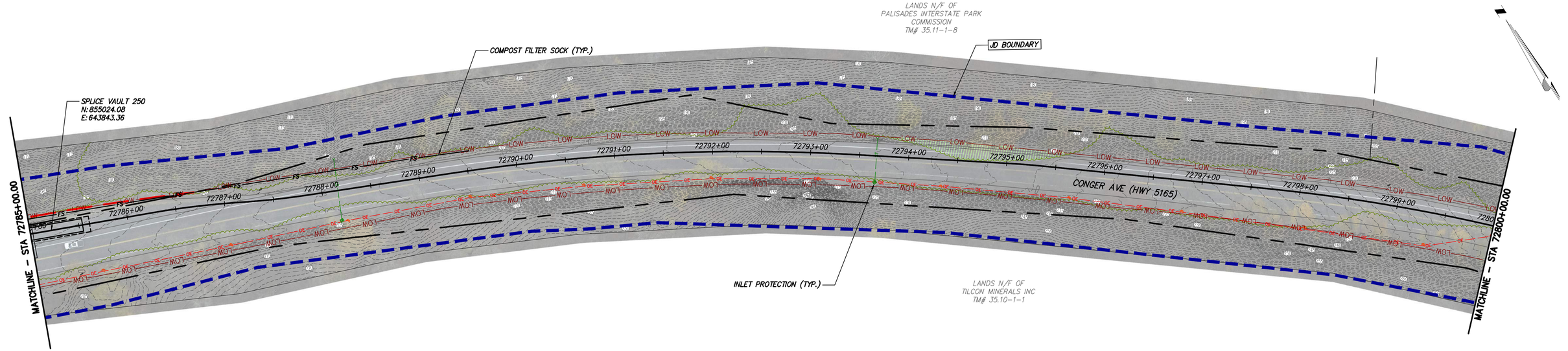
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STA. 72770+00.00 TO STA. 72785+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72785+00.00 TO STA. 72800+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

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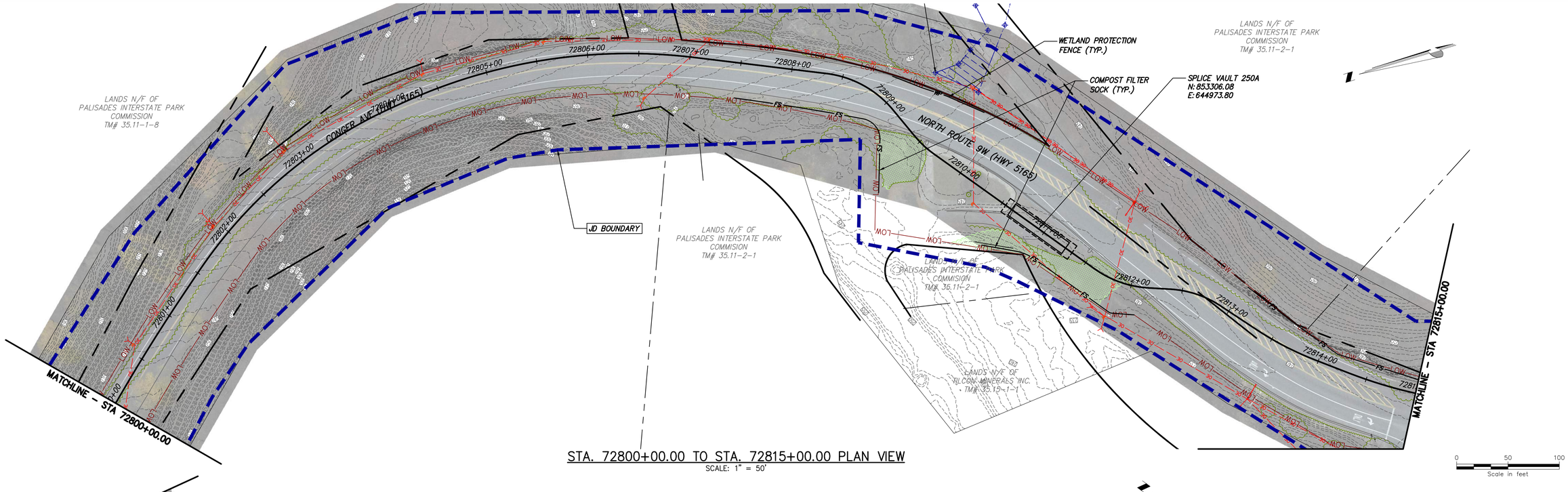
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72770+00.00 TO STA. 72800+00.00

DRAWN BY:	BL	DESIGNED BY:	BL	APPROVED BY:	BD

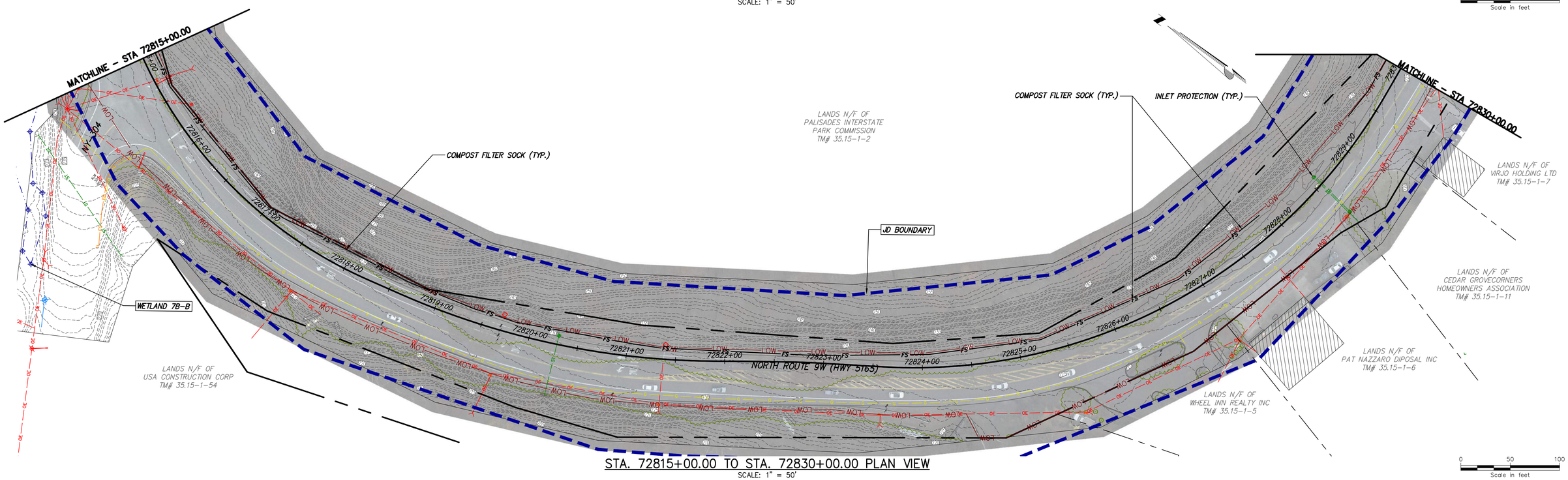
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REV. NO.	F
DATE	04/14/2023
SH.NO.	XX OF XXX

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-410



STA. 72800+00.00 TO STA. 72815+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72815+00.00 TO STA. 72830+00.00 PLAN VIEW
SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

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D	11/16/2022	DRAFT FINAL SUBMISSION	BL	BD
C	05/20/2022	60% DESIGN SUBMISSION	BL	BD
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72800+00.00 TO STA. 72830+00.00

DRAWN BY: BL | DESIGNED BY: BL | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO.	
21162	
KC PROJECT NO.	
120174	
DRAWING NO.	
C-411	
DATE	04/14/2023
SH.NO.	XX OF XXX

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