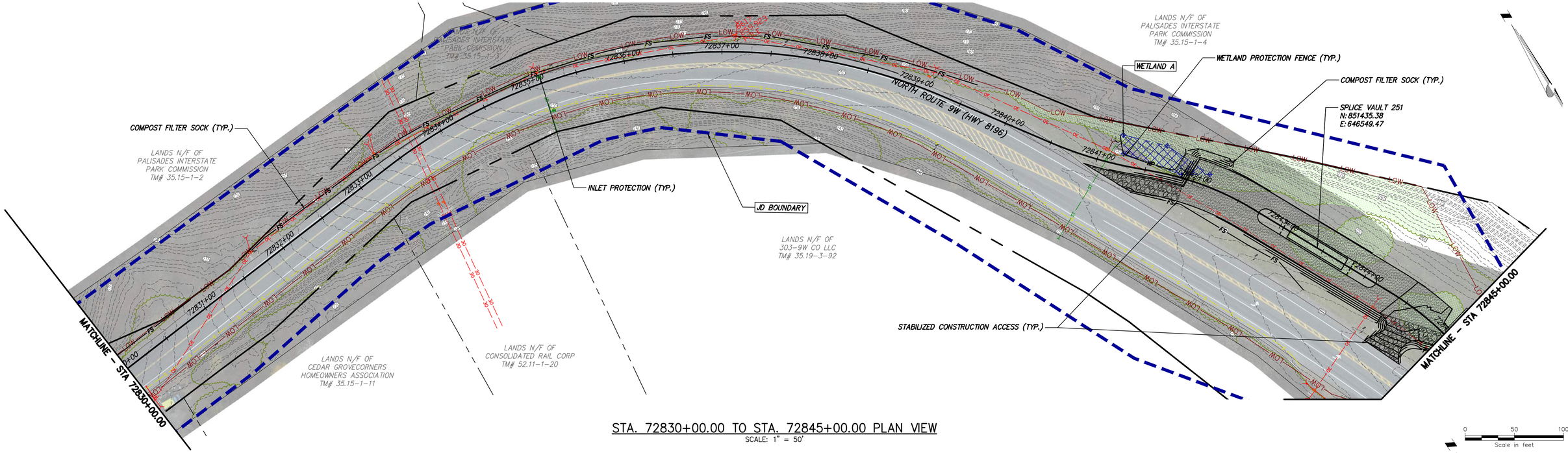
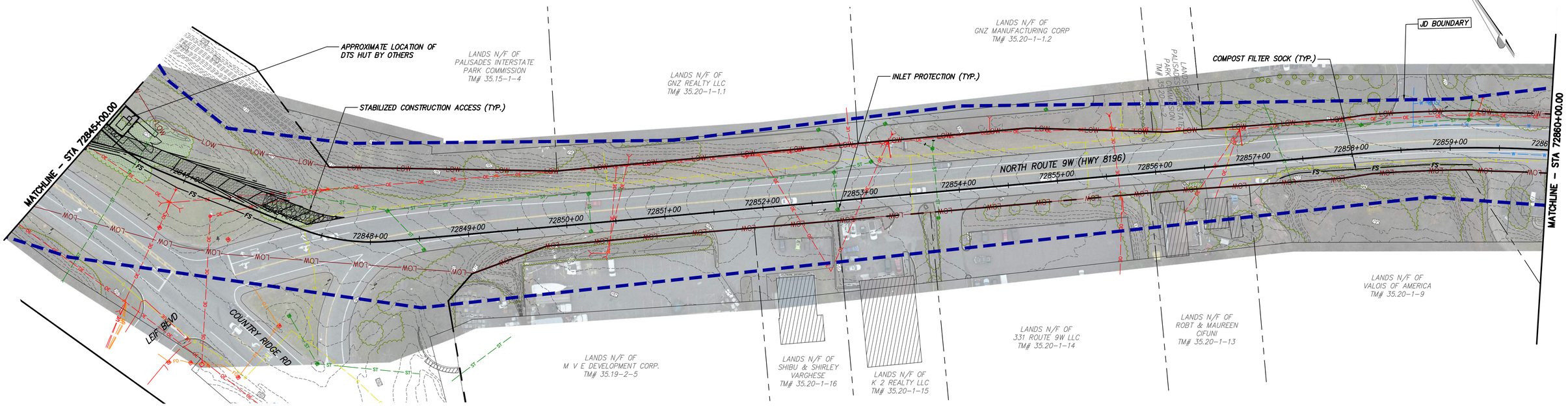


STA. 72830+00.00 TO STA. 72845+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72845+00.00 TO STA. 72860+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

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ISSUED FOR PERMITTING

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
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E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	BL	BD
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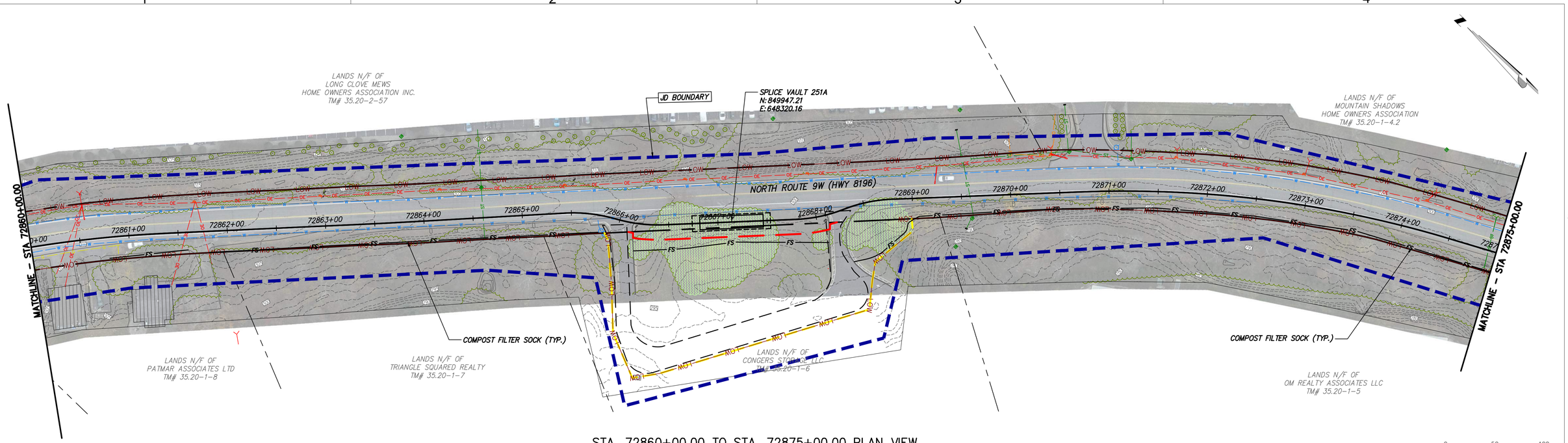
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BL	BD
A	02/18/2022	PRELIMINARY PROGRESS	BL	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72830+00.00 TO STA. 72860+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-412**

File: P:\120174-CHPE_CABLE_INSTALL-KIEWIT\60_CAD\20_ENGINEERING_CAD_FILES\PACKAGE_7B\NY_ENVIRONMENTAL_(EROSION_CONTROL)\01_KCE\SHEET_FILES\21162_7B_C-411-414.DWG Saved: 4/13/2023 3:30:25 PM Plotted: 4/13/2023 4:31:54 PM Current User: Benson Lam LastSavedBy: blam



STA. 72860+00.00 TO STA. 72875+00.00 PLAN VIEW

SCALE: 1" = 50'

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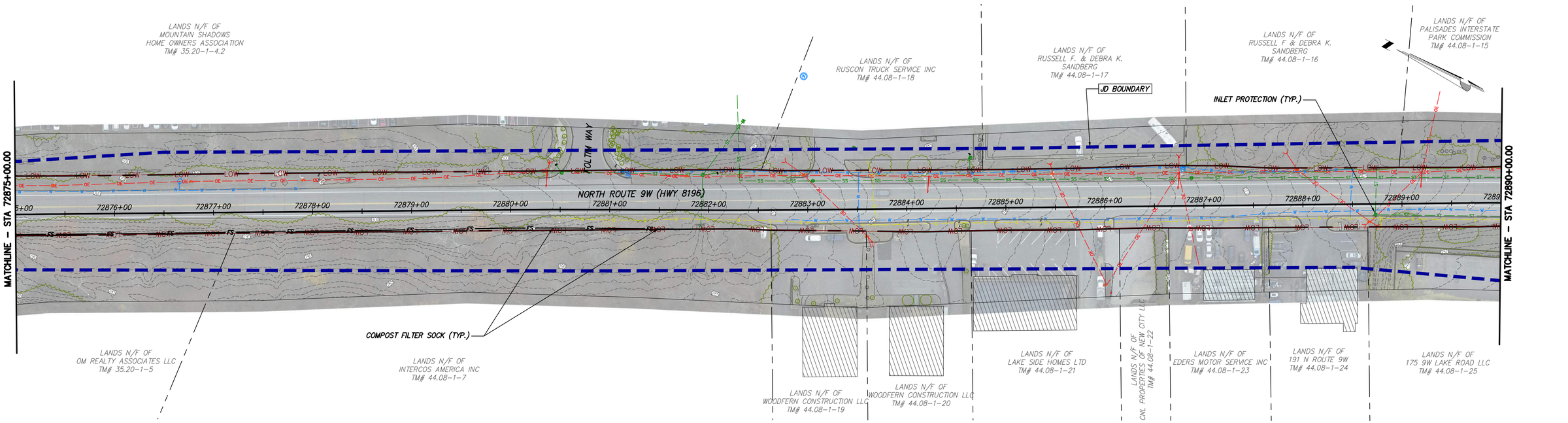
Scale in feet



STA. 72875+00.00 TO STA. 72890+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet

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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72860+00.00 TO STA. 72890+00.00

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KIEWIT PROJECT NO. 21162

KC PROJECT NO. 120174

DRAWING NO. **C-413**

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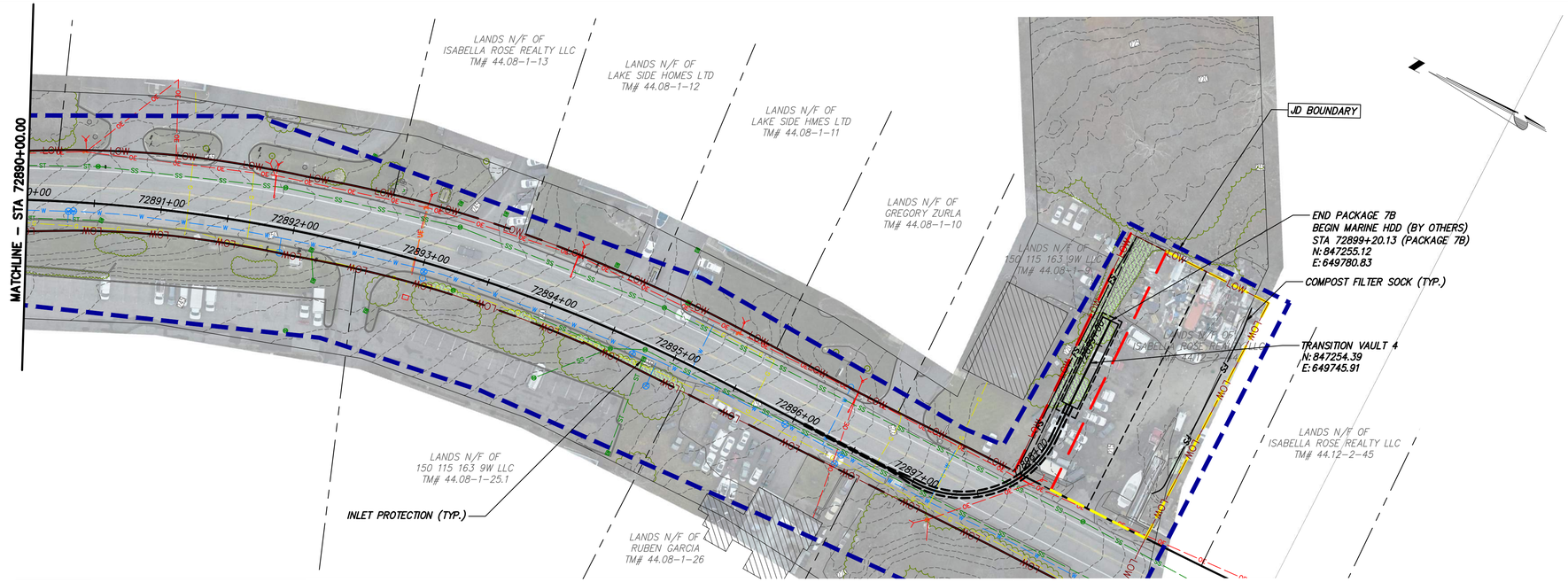

STA. 72890+00.00 TO STA. 72899+20.13 PLAN VIEW

SCALE: 1" = 50'

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Scale in feet

CHPE Champlain Hudson Power Express

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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
EROSION AND SEDIMENT CONTROL PLAN
STA. 72890+00.00 TO STA. 72899+20.13

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

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

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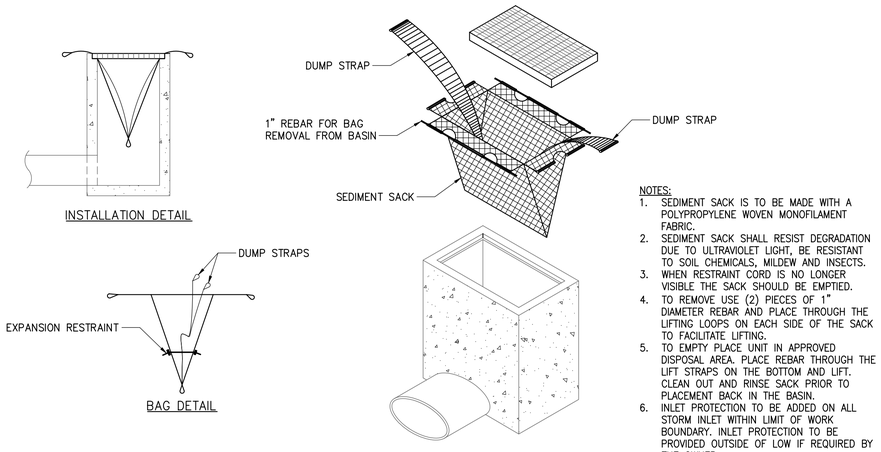
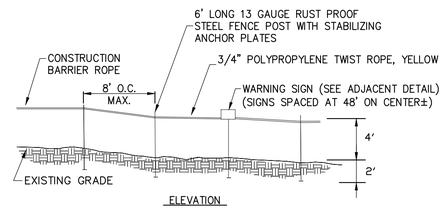
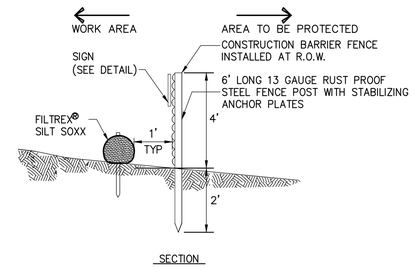


NOTES:
1. SEDIMENT SACK IS TO BE MADE WITH A POLYPROPYLENE WOVEN MONOFILAMENT FABRIC.
2. SEDIMENT SACK SHALL RESIST DEGRADATION DUE TO ULTRAVIOLET LIGHT, BE RESISTANT TO SOIL CHEMICALS, MILDEW AND INSECTS.
3. WHEN RESTRAINT CORD IS NO LONGER VISIBLE THE SACK SHOULD BE EMPTIED.
4. TO REMOVE USE (2) PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE LIFTING.
5. TO EMPTY PLACE UNIT IN APPROVED DISPOSAL AREA. PLACE REBAR THROUGH THE LIFT STRAPS ON THE BOTTOM AND LIFT. CLEAN OUT AND RINSE SACK PRIOR TO PLACEMENT BACK IN THE BASIN.
6. INLET PROTECTION TO BE ADDED ON ALL STORM INLET WITHIN LIMIT OF WORK BOUNDARY. INLET PROTECTION TO BE PROVIDED OUTSIDE OF LOW IF REQUIRED BY THE OWNER.

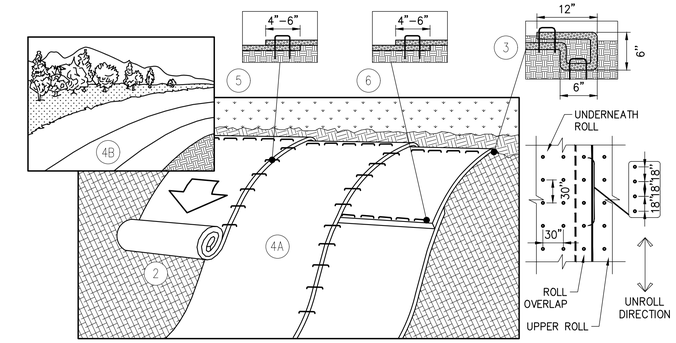
1 INLET PROTECTION
SCALE: N.T.S.





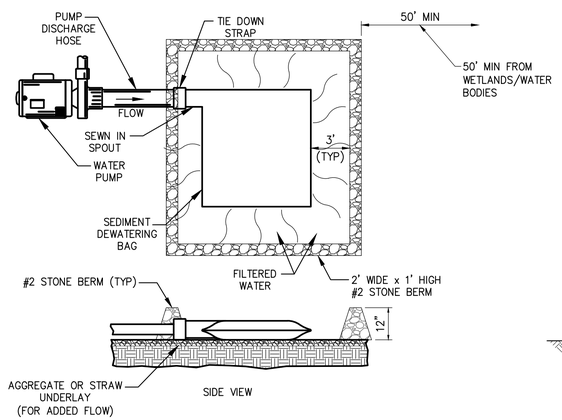
1. CONSTRUCTION BARRIER FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS PRIOR TO BEGINNING ANY WORK ADJACENT TO THESE AREAS.
2. THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION.
3. SET BOTTOM OF CONSTRUCTION BARRIER FENCE FLUSH WITH EXISTING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

2 WETLAND PROTECTION FENCE
SCALE: N.T.S.



NOTE:
1. EROSION CONTROL BLANKETS TO BE INSTALLED ON SLOPES 3:1 OR GREATER (TYP.)
2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: DO NOT SEED PREPARED AREA. INSTALL WITH PAPER SIDE DOWN. INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS.
3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDETRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
4. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
5. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
6. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPING AREA APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
7. TO PROPERLY SECURE THE BLANKETS IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKES GREATER THAN 6" MAY BE NECESSARY.

3 EROSION CONTROL BANK STABILIZATION DETAIL
SCALE: N.T.S.

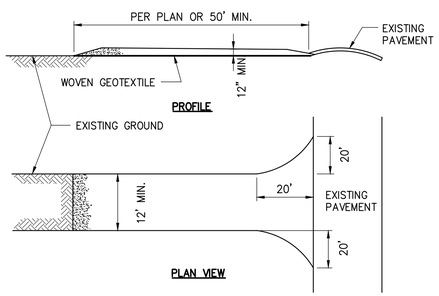


NOTE: THE SEDIMENT DEWATERING BAG WILL BE MANUFACTURED IN THE U.S.A. FROM A NONWOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

SEDIMENT DEWATERING BAG SPECIFICATIONS

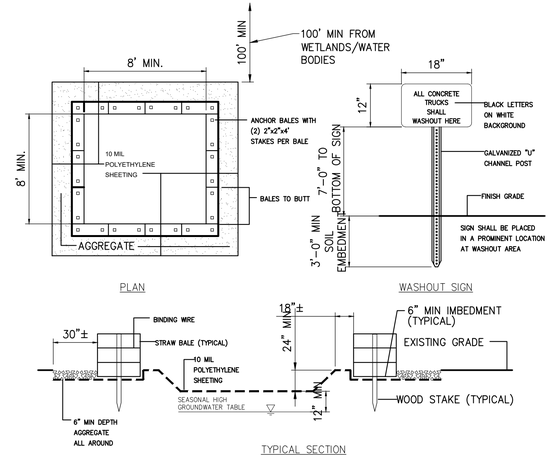
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.9 (205) x 0.9 (205)
Grab Tensile Elongation	ASTM D 4632	%	50 x 50
Puncture Strength	ASTM D 4833	kN (lbs)	0.58 (130)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2618 (380)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.36 (80) X 0.36 (80)
UV Resistence	ASTM D 4355	%	70
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.180 (80)
Flow Rate	ASTM D 4491	1/min/m² (gal/min/ft²)	3866 (95)
Permittivity	ASTM D 4491	Sec⁻¹	1.2

4 SEDIMENT DEWATERING BAG
SCALE: N.T.S.



1. STONE SIZE–USE AASHTO M43 SIZE 3 COARSE AGGREGATE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN 12".
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ACCESS TO SITE.
5. WOVEN GEOTEXTILE FABRIC WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. EXISTING ROAD SIDE DRAINAGE SHALL BE MAINTAINED.
7. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
8. MAINTENANCE–THE ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT OR STONE SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
9. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
10. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

5 STABILIZED CONSTRUCTION ACCESS
SCALE: N.T.S.



MAINTENANCE NOTES:
1. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITATES 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.
2. 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.
3. DISPOSAL OF THE HARDENED MATERIAL SHALL BE OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL.
4. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
5. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.
6. LOCATION(S) TO BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE
7. CONCRETE WASHOUTS SHALL NOT BE LOCATED WITHIN 200' OF ANY KNOWN WELL.

6 CONCRETE WASHOUT AREA
SCALE: N.T.S.

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

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-602**
DATE 04/14/2023
SH.NO. XX OF XXX

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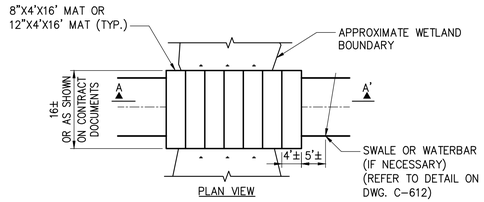

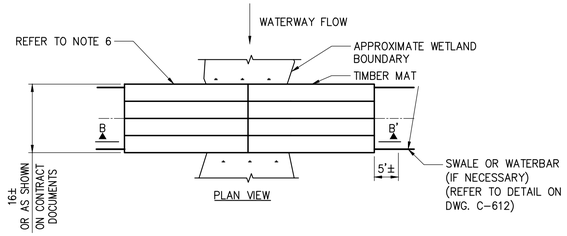

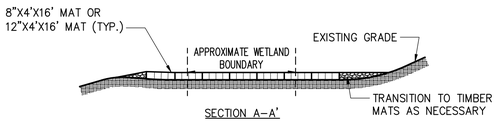

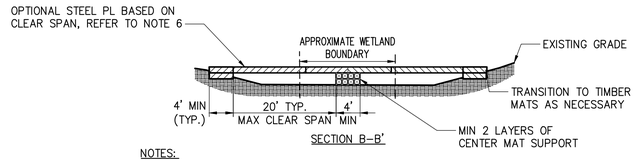

NOTES:
1. TIMBER MATS SHOULD BE INSTALLED IN WETLANDS AND OTHER AREAS IF NECESSARY TO PREVENT RUTTING.
2. FOR CROSSINGS WITH LARGER SPANS THE CONTRACTOR SHALL CONSULT WITH THE TEMPORARY STRUCTURES AND CONSTRUCTION DEVICES ENGINEER.
3. TIMBER MAT SURFACE SHOULD BE LEVEL TO PREVENT EQUIPMENT AND VEHICLES FROM SLIDING OFF DURING MUDDY OR ICING CONDITIONS, AND PREVENT TIMBERS FROM BREAKING.
4. SEDIMENT TRACKED ONTO TIMBER MATTING SHOULD BE REMOVED AS NECESSARY TO PREVENT SEDIMENT FROM ENTERING WETLAND DURING RAIN EVENTS. SEDIMENT SHOULD BE REMOVED TO A STABILIZED SOIL STOCKPILE OR OTHER APPROVED LOCATION.
5. PERIMETER EROSION AND SEDIMENT CONTROLS ARE REQUIRED TO BE INSTALLED PRIOR TO PLACING TIMBER MATTING.
6. UNLESS PERMITTED FROM REMOVAL, STUMPS WITHIN THE WETLAND SHOULD REMAIN. THIS MAY REQUIRE ADDITIONAL TIMBERS TO BRIDGE ABOVE.
7. UPON REMOVAL OF TIMBER MATTING ALL SPLINTERED WOOD SHOULD BE REMOVED. IF EXPOSED SOILS ARE PRESENT STRAW MULCH SHOULD BE APPLIED.
8. ALL EQUIPMENTS SHOULD MAINTAIN A MINIMUM OF 2 FT SETBACK FROM EDGE OF THE MATS WHILE CROSSING.
9. SINGLE OR MULTIPLE LAYERS OF MATS SHALL BE PLACED BASED ON EXISTING SOIL CONDITIONS.

NOTES:
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 IN ACCORDANCE WITH SECTION 9.1 WATER BODIES IN THE PROJECT EM&CP.
2. THE CONSTRUCTION OF ANY CROSSING SHOULD NOT CAUSE A SIGNIFICANT WATER LEVEL DIFFERENCE BETWEEN THE UPSTREAM AND DOWNSTREAM WATER SURFACE ELEVATIONS. FISH SPAWNING OR MIGRATION DATES CAN VARY ACROSS NEW YORK, AND RESTRICTIONS IMPOSED BY THE NYSDEC MY VARY AND MUST BE VERIFIED. REFER TO CERTIFICATE OF CONDITIONS.
3. ALL FILL MATERIALS ASSOCIATED WITH THE ROADWAY APPROACH SHOULD BE LIMITED TO A MAXIMUM HEIGHT OF 2 FT ABOVE THE EXISTING FLOOD PLAIN ELEVATION.
4. A WATER DIVERTING STRUCTURE SUCH AS A SWALE OR WATER 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 EQUIPMENTS SHOULD MAINTAIN A MINIMUM OF 2 FT SETBACK FROM EDGE OF THE MATS WHILE CROSSING.
6. CONTRACTOR SHALL CONSULT WITH TEMPORARY STRUCTURES AND CONSTRUCTION DEVICES ENGINEER FOR APPROPRIATE MATTING SIZES AND LENGTHS AND REQUIRED SOIL BEARING PRESSURES.

OPTION "A"
NOT TO SCALE

OPTION "B"
NOT TO SCALE

1 TIMBER MATTING (WETLAND CROSSING)
SCALE: N.T.S.

GENERAL NOTES:

1. TIMBER SHALL BE SELECT STRUCTURAL MIXED OAK WITH A MINIMUM BENDING STRESS OF 1250 PSI OR BETTER.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCING WORK. ANY ERRORS, OMISSIONS, OR UNUSUAL CONDITIONS ARE TO BE REPORTED TO THE TEMPORARY STRUCTURES AND CONSTRUCTION DEVICES ENGINEER IMMEDIATELY.

CHPE Champlain Hudson Power Express

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Engineering and Land Surveying, P.C.

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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

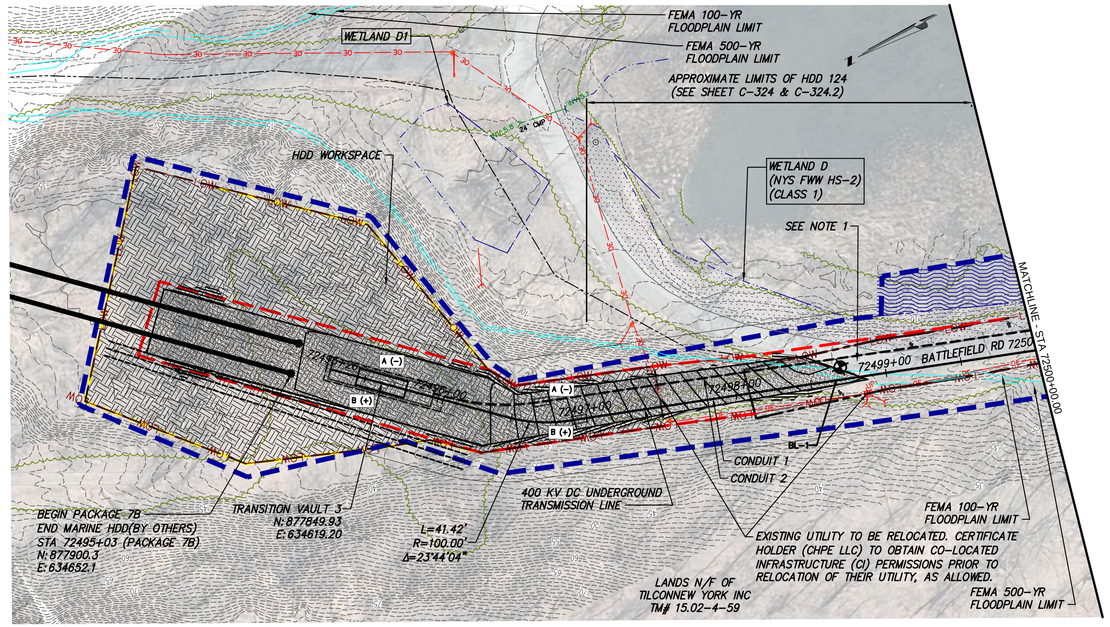
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
WETLAND CROSSING DETAILS

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-611**
DATE 04/14/2023
SH.NO. XX OF XXX

File: P:\120174-CHPE_CABLE_INSTALL-KIEWIT\60_CAD\20_ENGINEERING_CAD_FILES\PACKAGE_7B\N1_ENVIRONMENTAL_(EROSION_CONTROL)\01_ACE\SHEET_FILES\21162_7B_C-611.DWG Saved: 4/7/2023 1:43:10 PM Plotted: 4/11/2023 4:09:22 PM Current User: Benson Lam LastSavedBy: blam

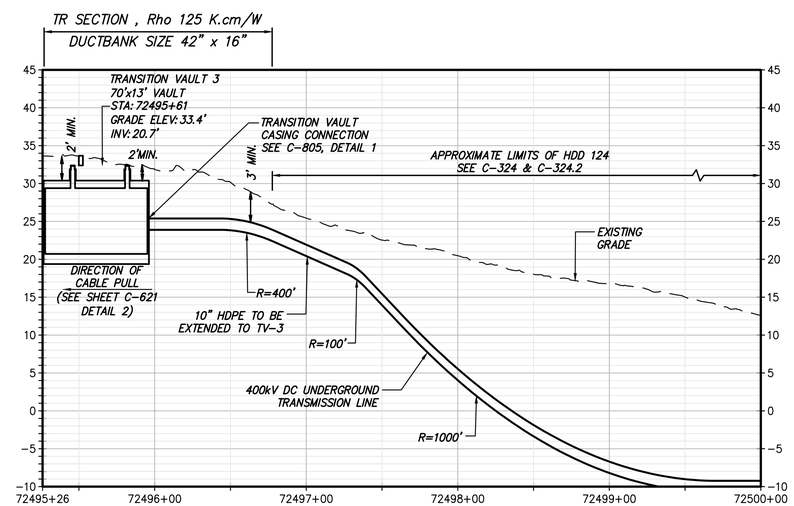
APPENDIX G
SWPPP INSPECTION FORMS



STA. 72495+26.00 TO 72500+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72495+26.00 TO 72500+00.00 PROFILE VIEW

SCALE: H:1" = 50' V:1" = 10'

NOTES:
1. PRIOR TO EXCAVATION, CONTRACTOR SHALL COORDINATE ACCESS TO THE QUARRY WITH TILCON PRIOR TO START OF CONSTRUCTION.

CHPE Champlain Hudson Power Express

Kiewit

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72495+26.00 TO STA. 72500+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO.	21162
TT PROJECT NO.	204-3701
DRAWING NO.	C-100
DATE	04/14/2023
SH.NO.	-- OF --

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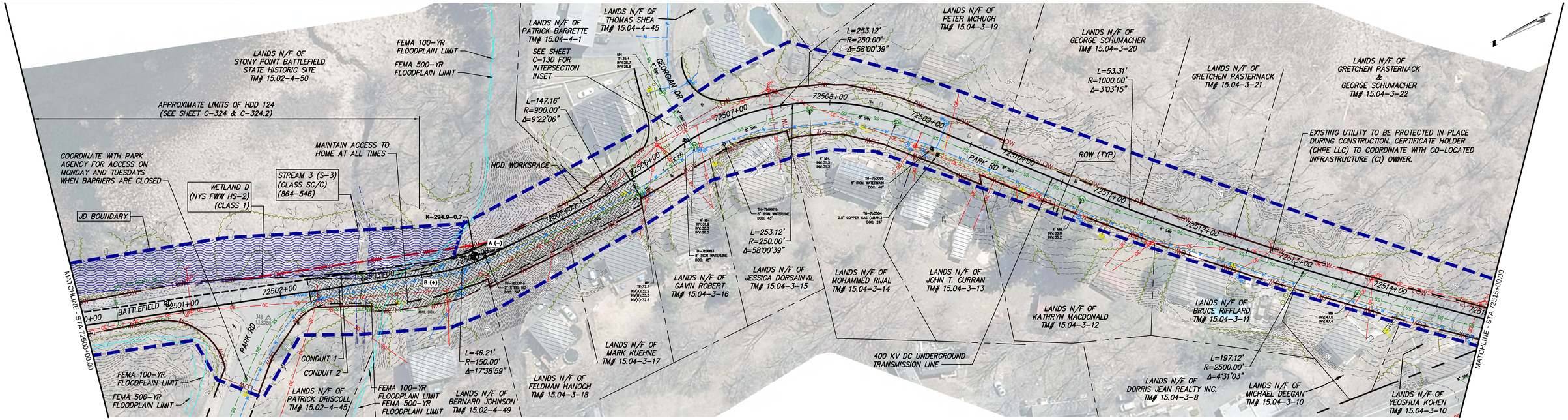
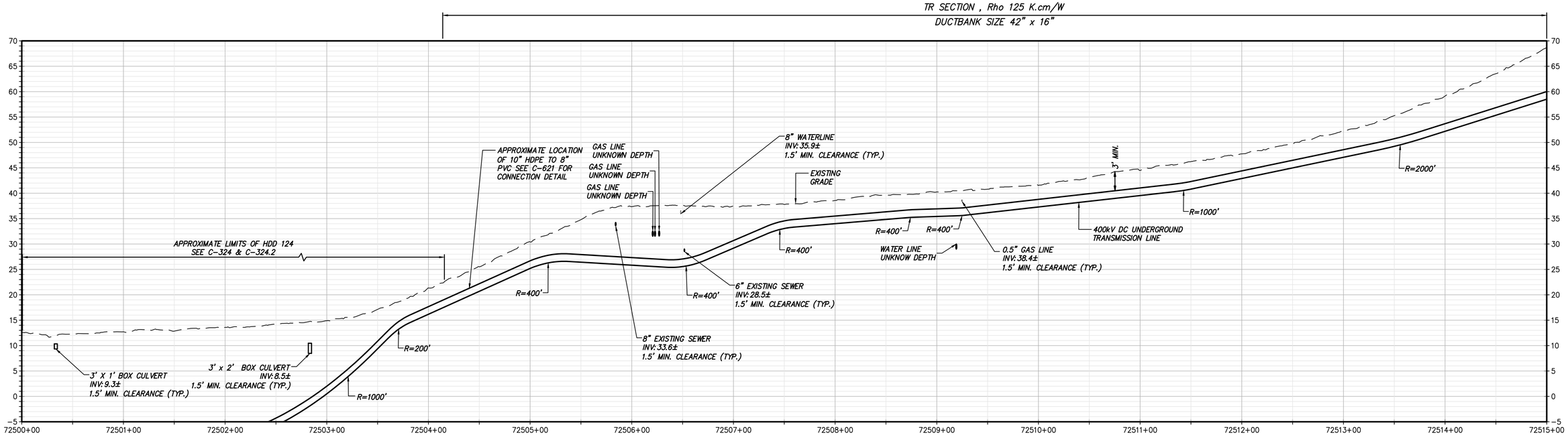


STA. 72500+00.00 TO STA. 72515+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72500+00.00 TO STA. 72515+00.00 PROFILE VIEW

SCALE: H:1" = 50' V:1" = 10'

CHPE Champlain Hudson Power Express

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72500+00.00 TO STA. 72515+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-101
DATE 04/14/2023
SH.NO. -- OF --

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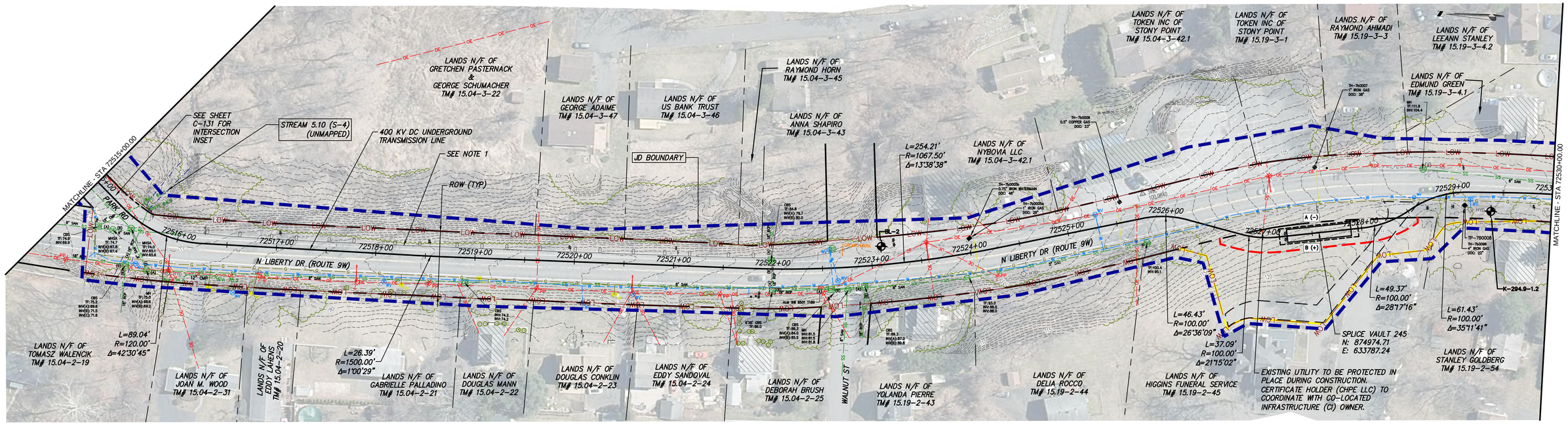


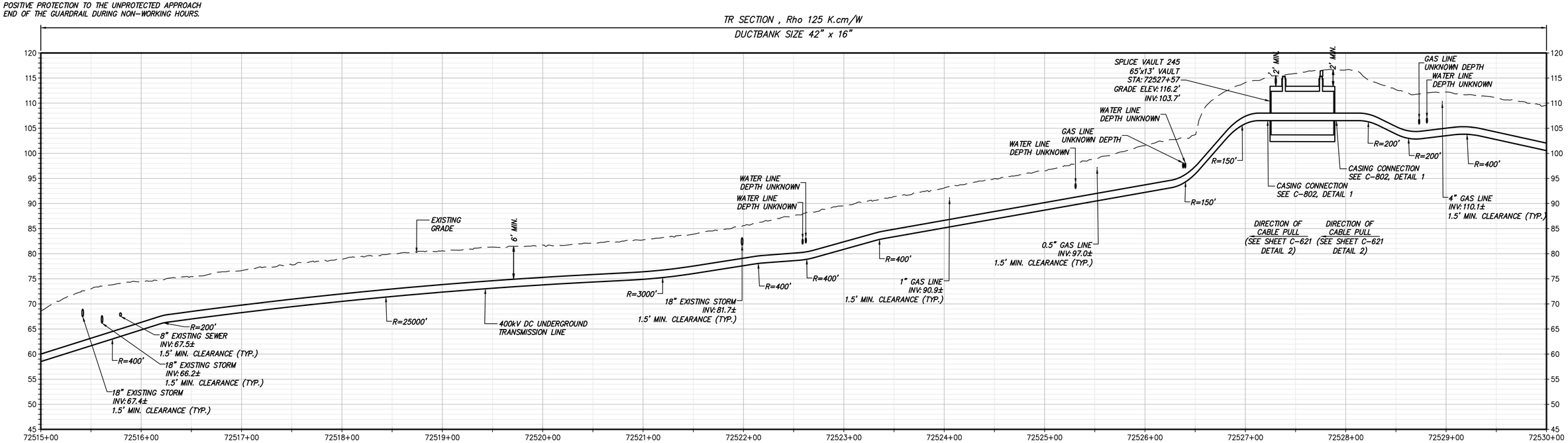
NOTES:

1) CONTRACTOR MAY REMOVE EXISTING GUARDRAIL DURING CONSTRUCTION AND SHALL REPLACE IN KIND AT THE COMPLETION OF WORK. CONTRACTOR SHALL PROVIDE POSITIVE PROTECTION TO THE UNPROTECTED APPROACH END OF THE GUARDRAIL DURING NON-WORKING HOURS.

STA. 72515+00.00 TO STA. 72530+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72515+00.00 TO STA. 72530+00.00 PROFILE VIEW

SCALE: H:1" = 50' V:1" = 10'

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72515+00.00 TO STA. 72530+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-102
DATE 04/14/2023
SH.NO. -- OF --

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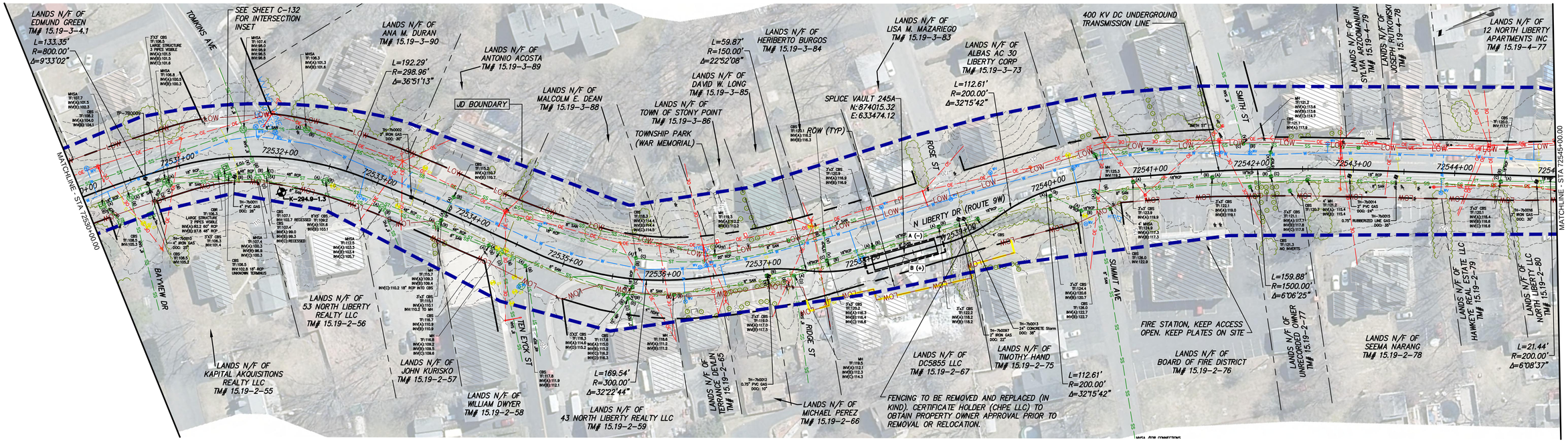
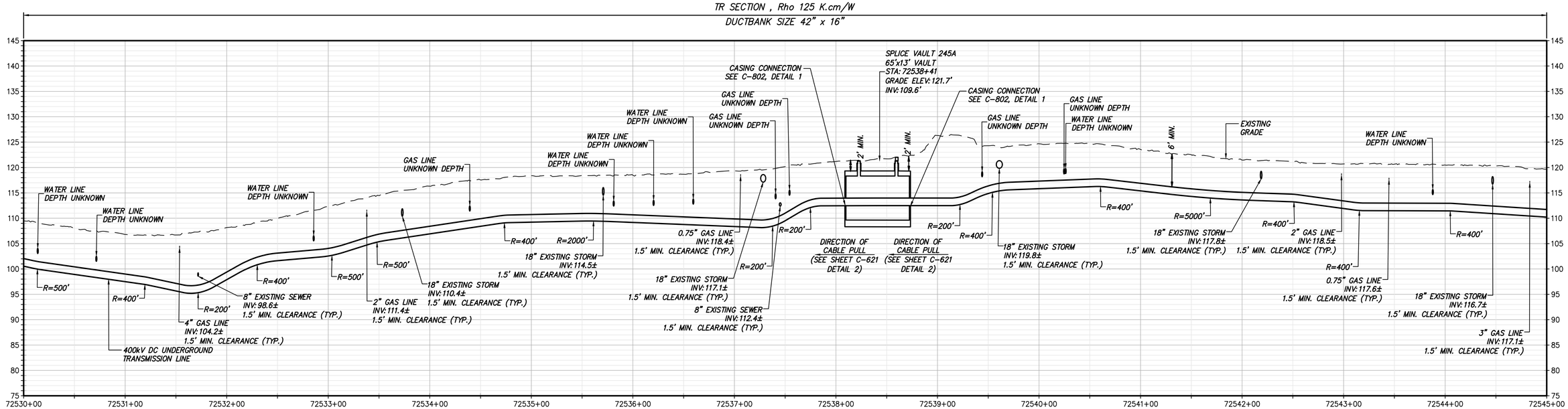


STA. 72530+00.00 TO STA. 72545+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72530+00.00 TO STA. 72545+00.00 PROFILE VIEW

SCALE: H:1" = 50' V:1" = 10'

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72530+00.00 TO STA. 72545+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-103
DATE 04/14/2023
SH.NO. -- OF --

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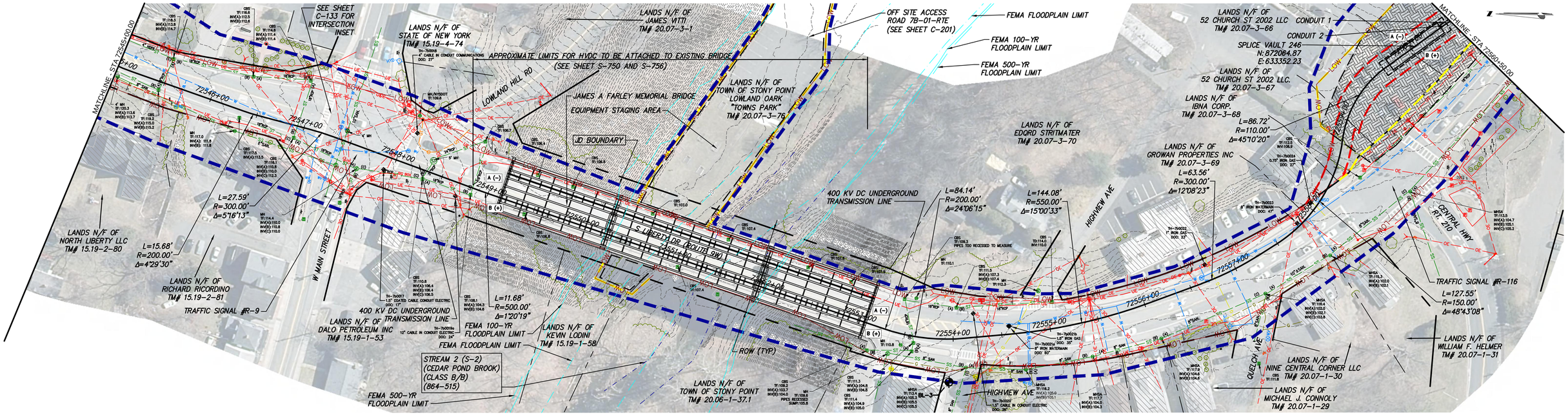
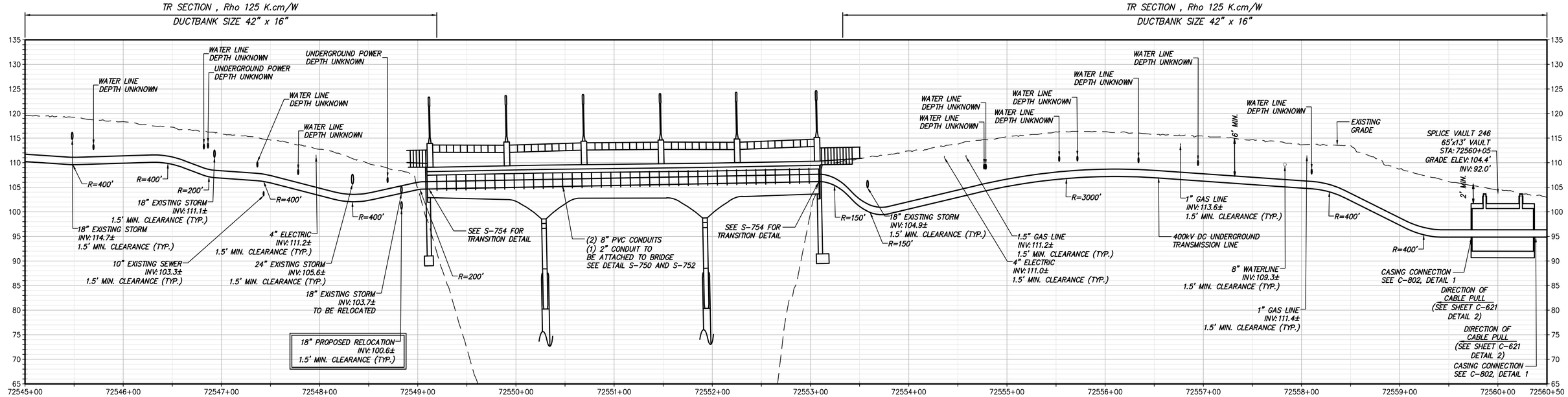


STA. 72545+00.00 TO STA. 72560+50.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72545+00.00 TO STA. 72560+50.00 PROFILE VIEW

SCALE: H:1" = 50' V:1" = 10'

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D	11/16/2022	DRAFT FINAL SUBMISSION	RB	JL
C	05/20/2022	60% DESIGN SUBMISSION	RB	JL
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BV	TK
A	02/18/2022	PRELIMINARY PROGRESS	BV	TK

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72545+00.00 TO STA. 72560+50.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-104
DATE 04/14/2023
SH.NO. -- OF --

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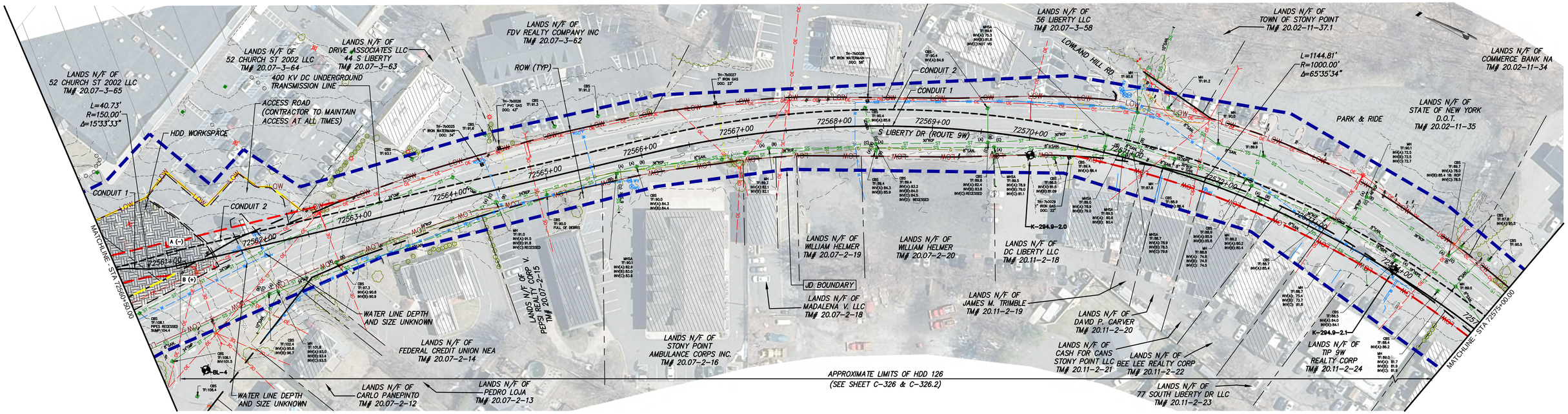
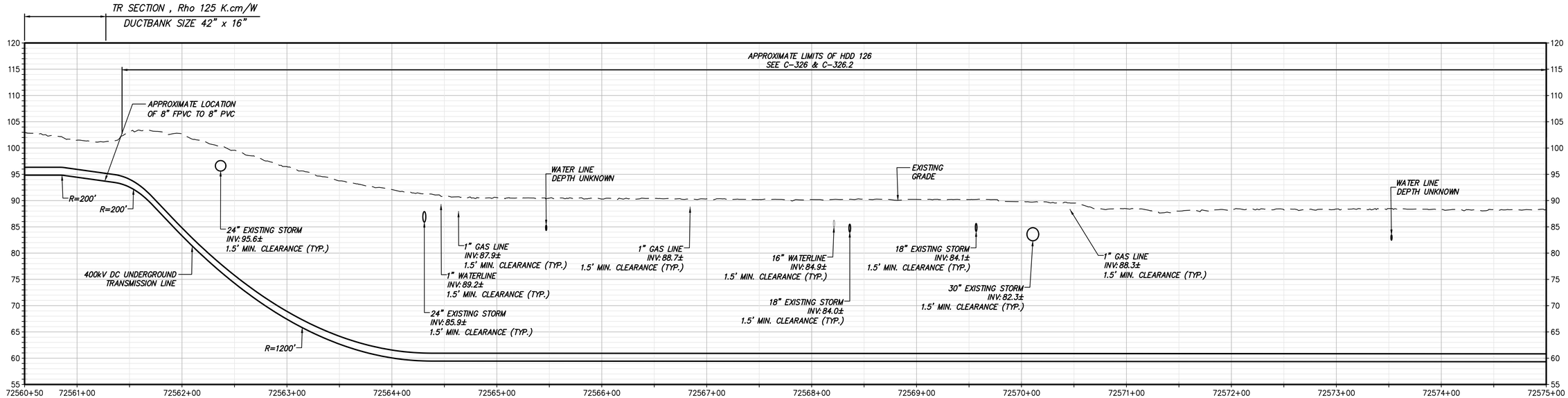


STA. 72560+50.00 TO STA. 72575+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72560+50.00 TO STA. 72575+00.00 PROFILE VIEW

SCALE: H: 1" = 50' V: 1" = 10'

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F	04/14/2023	FINAL SUBMISSION	RB	JL
E	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	RB	JL
D	11/16/2022	DRAFT FINAL SUBMISSION	RB	JL
C	05/20/2022	60% DESIGN SUBMISSION	RB	JL
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BV	TK
A	02/18/2022	PRELIMINARY PROGRESS	BV	TK

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72560+50.00 TO STA. 72575+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-105
DATE 04/14/2023
SH.NO. -- OF --

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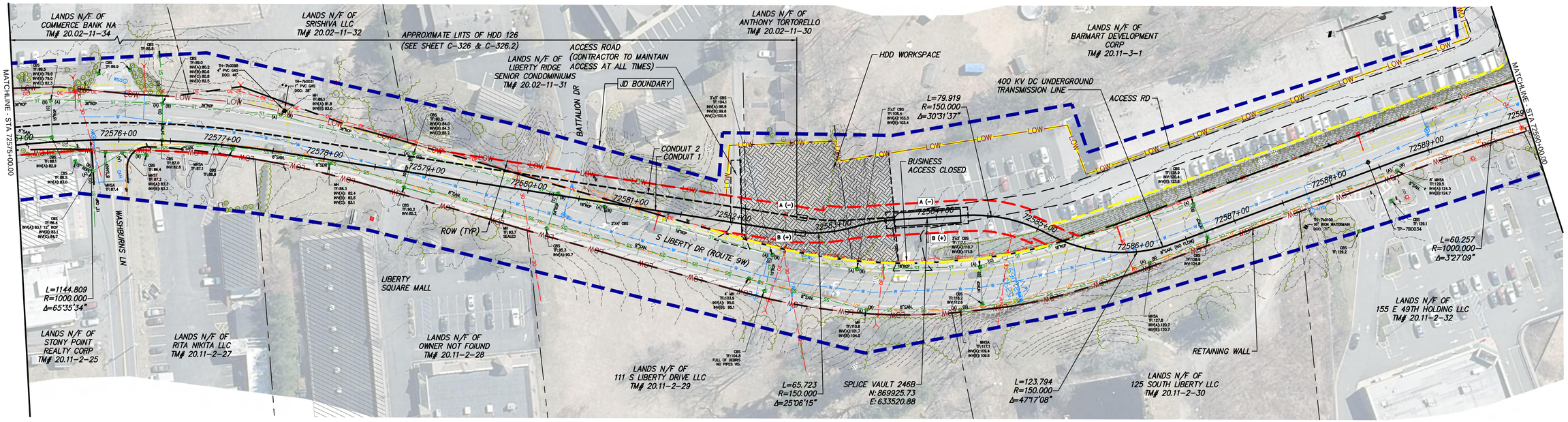

STA. 72575+00.00 TO STA. 72590+00.00 PLAN VIEW

SCALE: 1" = 50'

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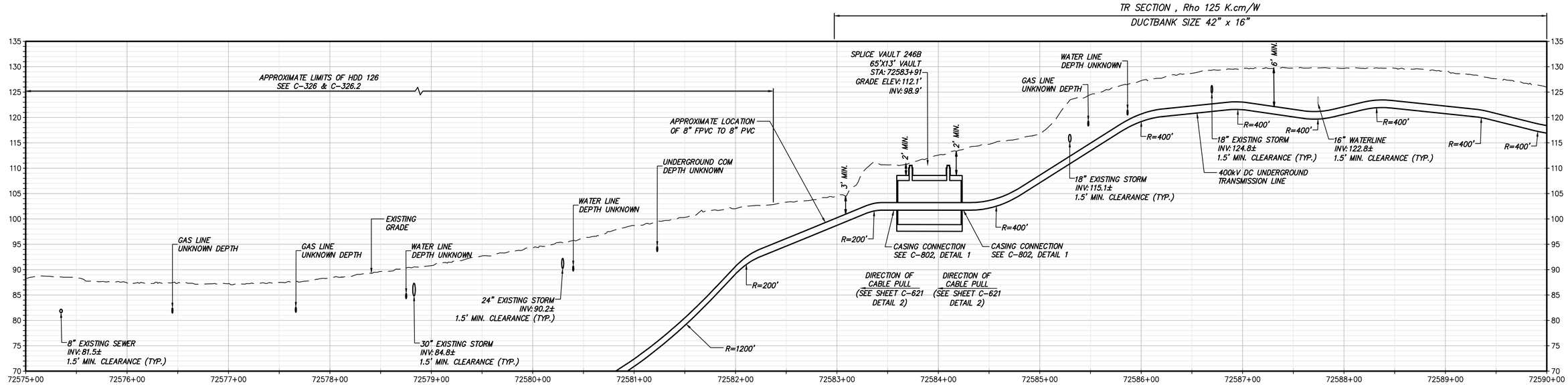
Scale in feet



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

SCALE: H: 1" = 50' V: 1" = 10'

CHPE Champlain Hudson Power Express

Kiewit

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72575+00.00 TO STA. 72590+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-106
DATE 04/14/2023
SH.NO. -- OF --

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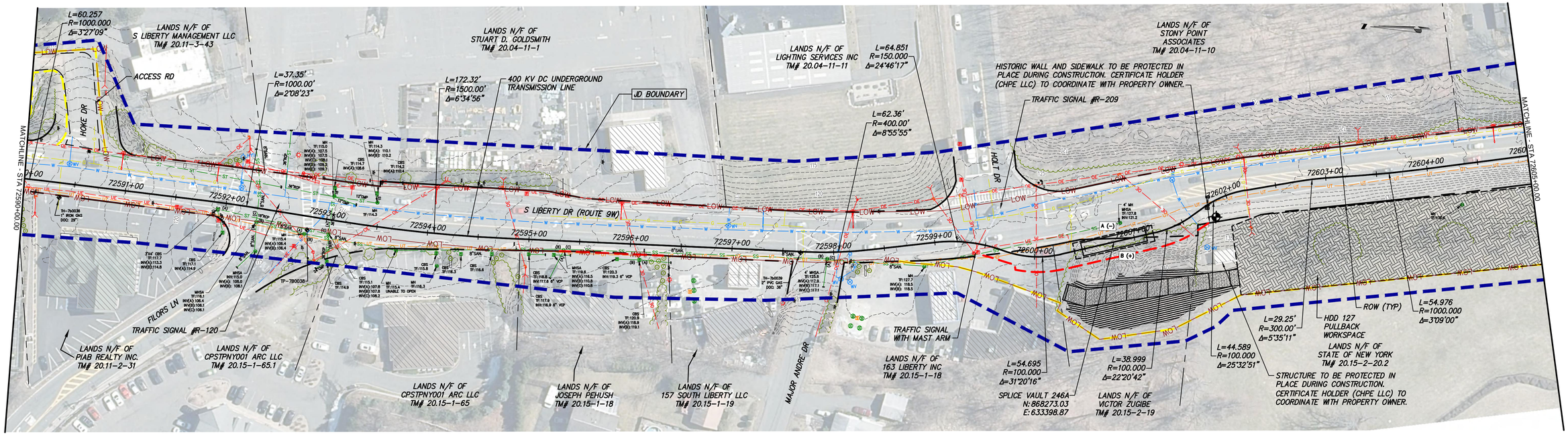
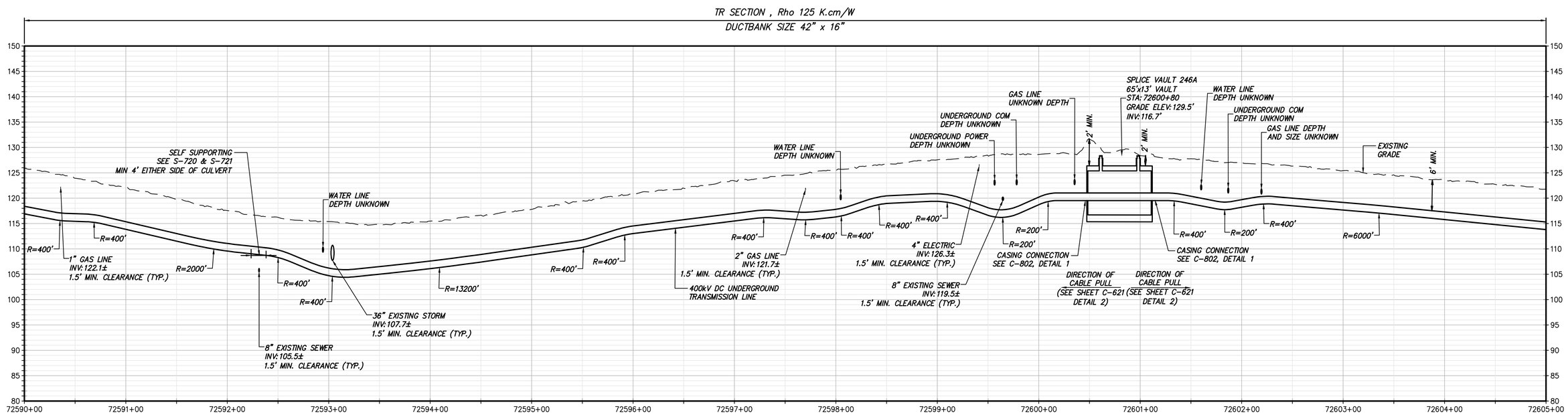


STA. 72590+00.00 TO STA. 72605+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



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

SCALE: H: 1" = 50' V:1" = 10'

CHPE Champlain Hudson Power Express

Kiewit

TETRA TECH

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72590+00.00 TO STA. 72605+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-107
DATE 04/14/2023
SH.NO. -- OF --

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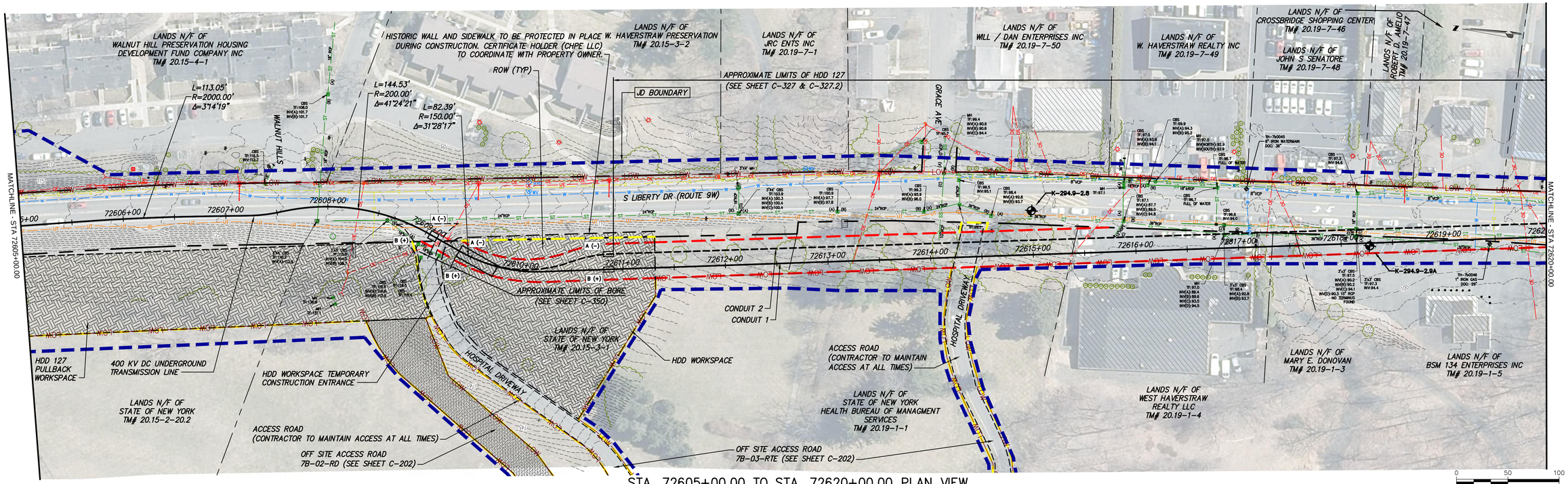
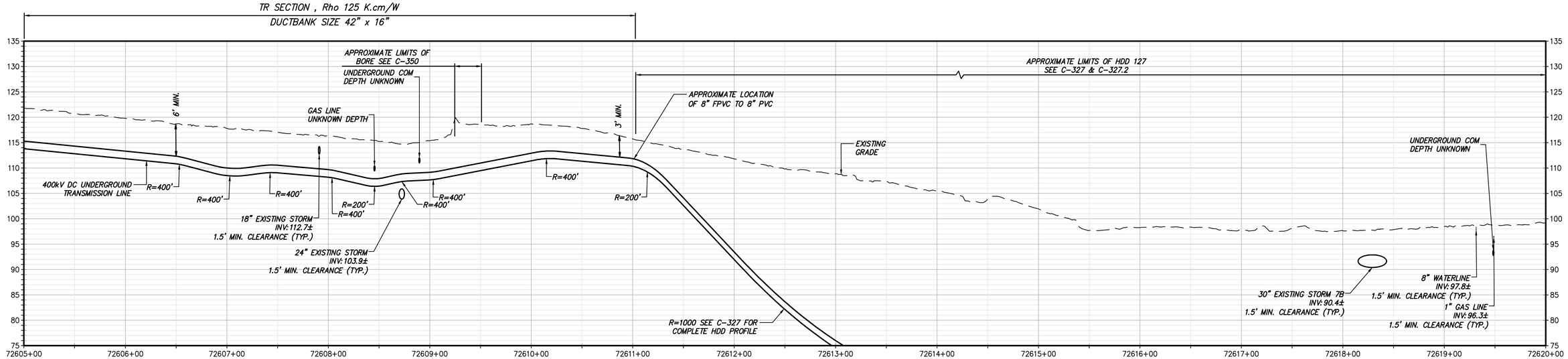


STA. 72605+00.00 TO STA. 72620+00.00 PLAN VIEW

SCALE: 1" = 50'



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

SCALE: H: 1" = 50' V: 1" = 10'

CHPE Champlain Hudson Power Express

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72605+00.00 TO STA. 72620+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. -- OF --

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-108

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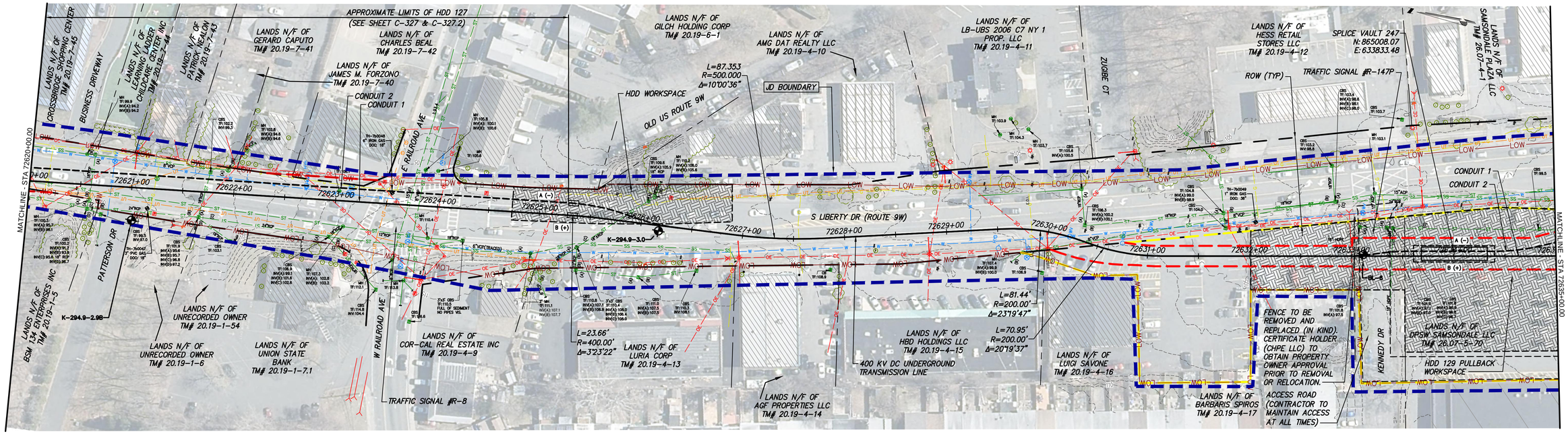
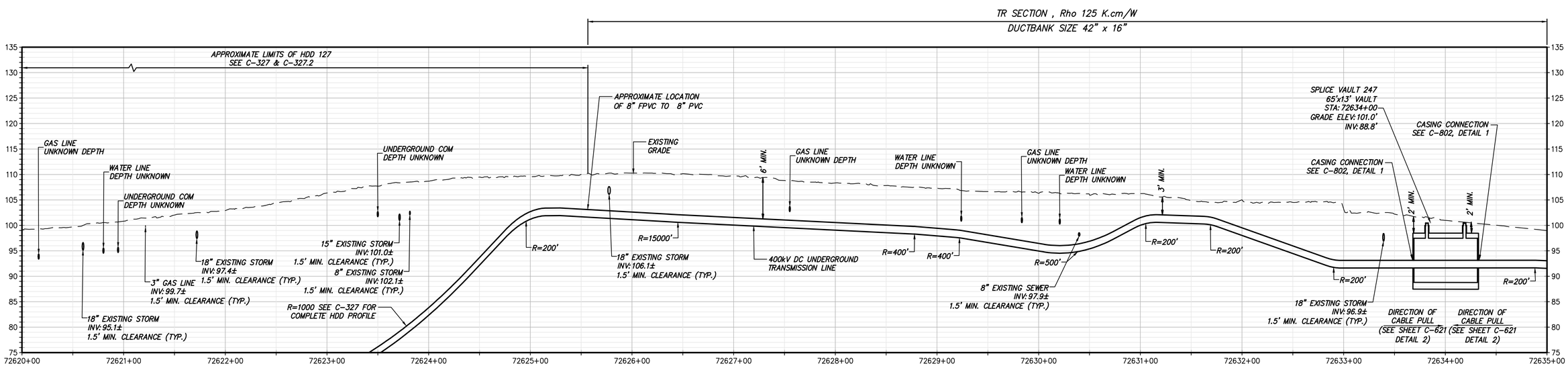


STA. 72620+00.00 TO STA. 72635+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72620+00.00 TO STA. 72635+00.00 PROFILE VIEW

SCALE: H:1" = 50' V: 1" = 10'

CHPE Champlain Hudson Power Express

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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72620+00.00 TO STA. 72635+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-109
DATE 04/14/2023
SH.NO. -- OF --

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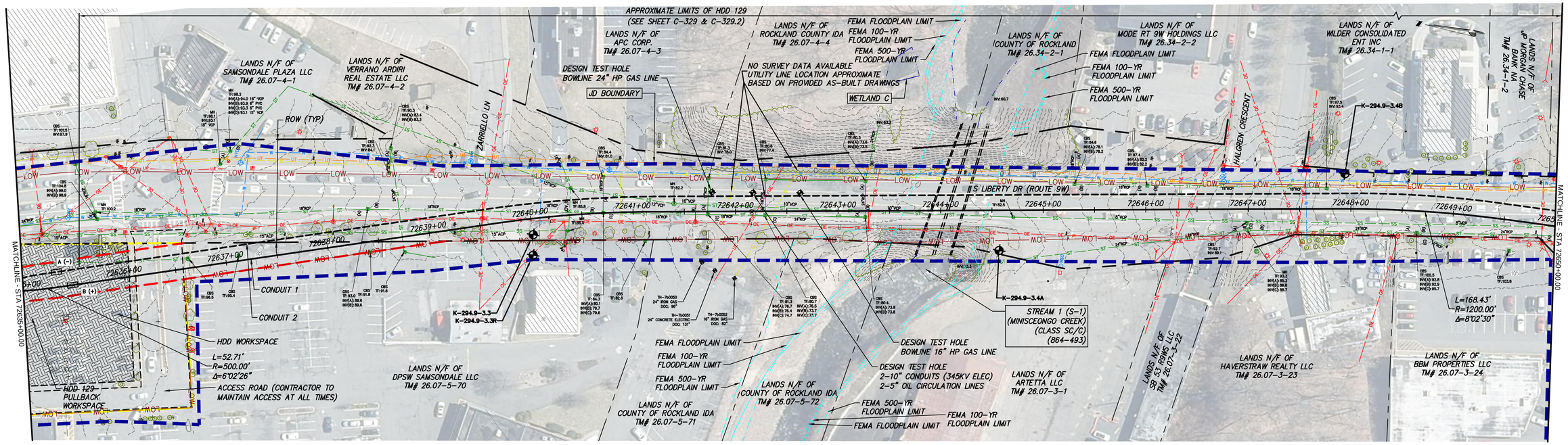
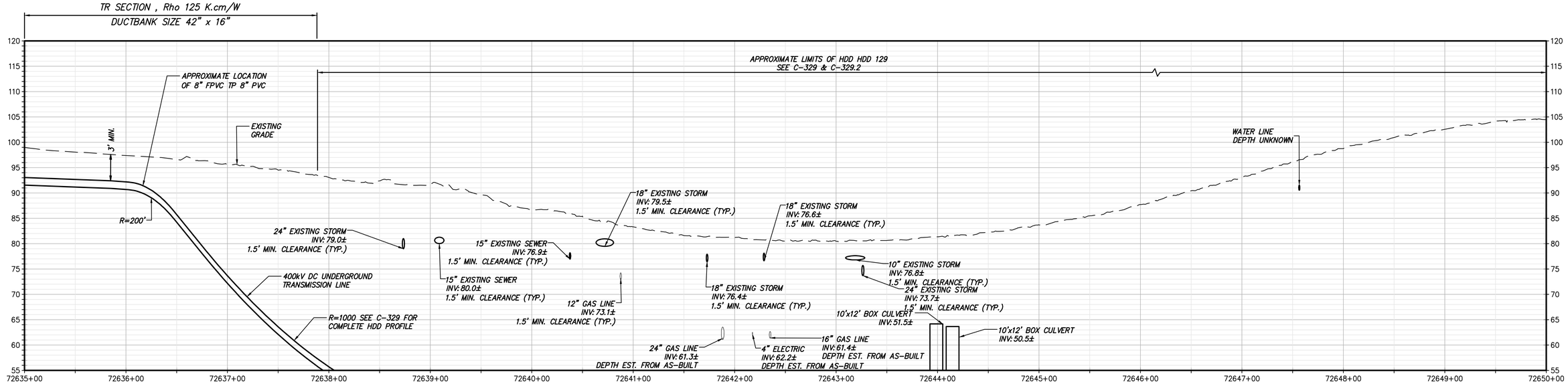


STA. 72635+00.00 TO STA. 72650+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72635+00.00 TO STA. 72650+00.00 PROFILE VIEW

SCALE: H: 1" = 50' V:1" = 10'

CHPE Champlain Hudson Power Express

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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
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F	04/14/2023	FINAL SUBMISSION	RB	JL
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D	11/16/2022	DRAFT FINAL SUBMISSION	RB	JL
C	05/20/2022	60% DESIGN SUBMISSION	RB	JL
B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BV	TK
A	02/18/2022	PRELIMINARY PROGRESS	BV	TK

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72635+00.00 TO STA. 72650+00.00

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-110

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. -- OF --

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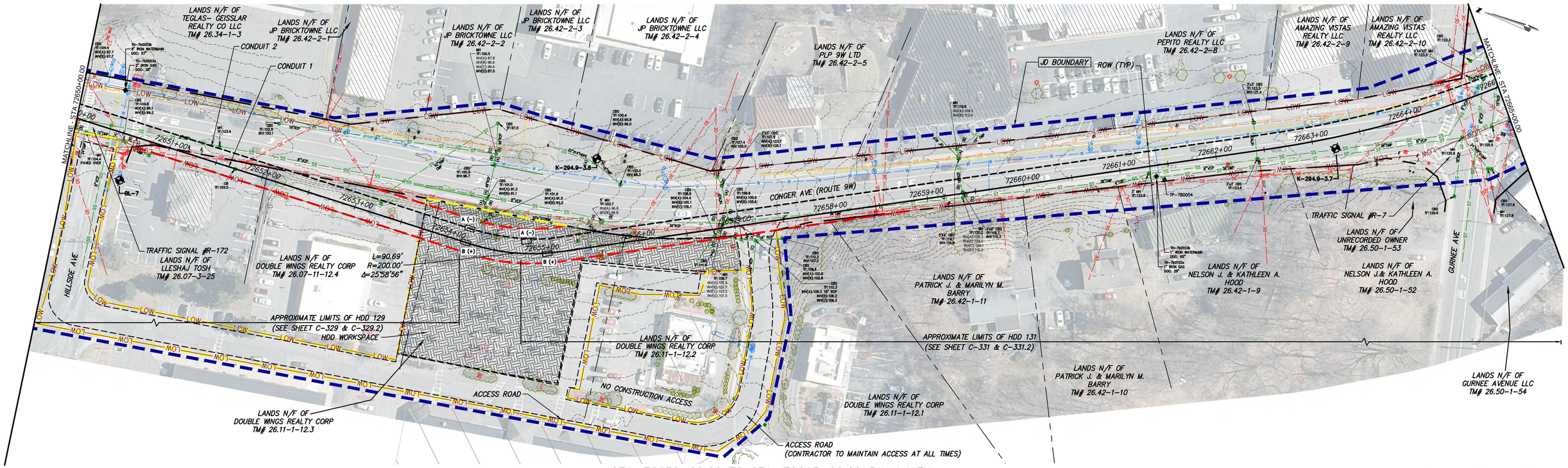
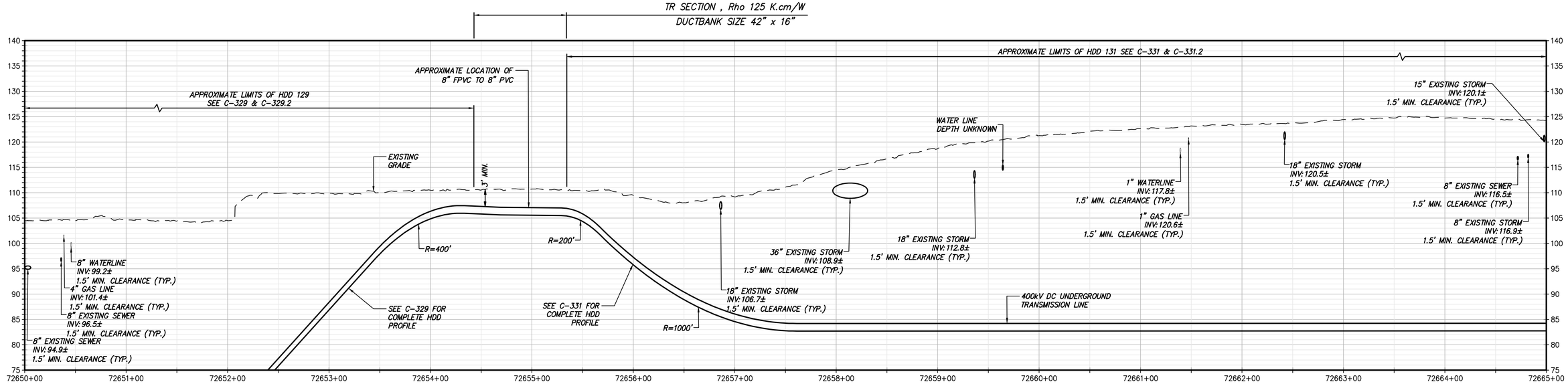


STA. 72650+00.00 TO STA. 72665+00.00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 72650+00.00 TO STA. 72665+00.00 PROFILE VIEW

SCALE: H: 1" = 50' V: 1" = 10'

CHPE Champlain Hudson Power Express

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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
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F	04/14/2023	FINAL SUBMISSION	RB	JL
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D	11/16/2022	DRAFT FINAL SUBMISSION	RB	JL
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B	03/23/2022	PRELIMINARY DESIGN DEVELOPMENT	BV	TK
A	02/18/2022	PRELIMINARY PROGRESS	BV	TK

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND
STA. 72650+00.00 TO STA. 72665+00.00

DRAWN BY: RB | DESIGNED BY: AC | APPROVED BY: JL | SCALE AS SHOWN | REV. NO. F | DATE 04/14/2023 | SH.NO. -- OF --

KIEWIT PROJECT NO. 21162
TT PROJECT NO. 204-3701
DRAWING NO. C-111

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