Co-located Utilities

Underground (UG) Perpendicular Station - Starting

Location (Approximate - See Drawings for Details)

Station - Ending Point for Parallel

Perpendicular	40176+97	
D ₁	40404 22	
Perpendicular	40181+33	
Perpendicular	40200+55	
Perpendicular	40200+58	
Perpendicular	40200+95	
Perpendicular	40203+20	
Perpendicular	40209+50	
Perpendicular	40218+40	
Perpendicular	40218+40	
Perpendicular	40221+60	
Perpendicular	40221+60	
Perpendicular	40231+02	
Perpendicular	40242+26	
Perpendicular	40242+26	
Perpendicular	40243+98	
Perpendicular	40259+17	
Parallel	40259+48	40259+80
		+0∠33⊤00
Perpendicular	40272+03	
Perpendicular	40281+55	
Perpendicular	40281+55	
Perpendicular	40281+64	
po.larodial		
Perpendicular	40281+94	
Perpendicular	40287+07	
Perpendicular	40289+00	
Perpendicular	40289+00	
Perpendicular	40300+94	
respendiedidi	40300134	
Perpendicular	40313+70	
Perpendicular	40330+75	
Perpendicular	40330+75	
respendiedias	10333173	
Perpendicular	40338+77	
Perpendicular	40346+12	
Dornandicular	40246+92	
Perpendicular	40354+42	
Parallel	40354+42	40356+81
Parallel	40354+42	40438+50
Parallel	40355+00	40357+40
Perpendicular	40355+25	
Parallel	40355+55	40356+80
-		40260+00
		40360+00
-		
Perpendicular	40355+60	
Parallel	40355+68	40369+10
Perpendicular	40356+00	
Perpendicular	40357+10	
	40357+10	
rerpendicular	40363+42	
Perpendicular	40364+08	
Perpendicular	40364+60	
Perpendicular	40366+95	
Perpendicular	40367+05	
Parallel	40367+20	40367+50
i aralici	TUJU/TZU	+030/∓30
Perpendicular	40368+80	
	Perpendicular	Perpendicular 40181+33 Perpendicular 40200+55 Perpendicular 40200+50 Perpendicular 40200+50 Perpendicular 40200+50 Perpendicular 40200+95 Perpendicular 40203+20 Perpendicular 40203+20 Perpendicular 40209+50 Perpendicular 40218+40 Perpendicular 40218+40 Perpendicular 40218+40 Perpendicular 40221+60 Perpendicular 40221+60 Perpendicular 40221+60 Perpendicular 40242+26 Perpendicular 40242+26 Perpendicular 40242+26 Perpendicular 40242+26 Perpendicular 40259+17 Parallel 40259+17 Parallel 40259+48 Perpendicular 40281+55 Perpendicular 40281+55 Perpendicular 40281+55 Perpendicular 40281+64 Perpendicular 40287+07

Storm Drainage Pipe/Culvert	Perpendicular	40368+96	
Water Line	Perpendicular	40369+15	
OH Utility Pole (Electric)	Perpendicular	40376+00	
Storm Drainage		40370100	
Pipe/Culvert	Perpendicular	40378+60	
UG Utility (Electric)	Parallel	40380+00	40385+00
OH Utility Line (Electric)	Perpendicular	40380+25	
UG Utility (Electric)	Perpendicular	40390+27	
Storm Drainage			
Pipe/Culvert	Parallel	40390+60	40391+00
ripe/culvert			
Stame Desires			
Storm Drainage Pine/Culvert	Perpendicular	40391+50	
Storm Drainage	Dornandiaular	40412+40	
Pipe/Culvert	Perpendicular	40412+49	
OH Utility Line (Electric)	Perpendicular	40429+65	
OH Utility Line (Electric)	Parallel	40429+70	40431+00
Storm Drainage	Parallel	40430+30	40430+70
Pipe/Culvert	40.50.400.400		,,,,,,,
OH Utility Line (Electric)	Perpendicular	40430+81	
OH Utility (Telephone)	Perpendicular	40430+81	
Storm Drainage	Perpendicular	40435+75	
Pipe/Culvert UG Utility (Gas			
Transmission)	Perpendicular	40437+74	
UG Utility (Gas			
Transmission)	Parallel	40437+74	40513+90
OH Utility Pole (Electric)	Perpendicular	40438+40	
OH Utility Line (Electric)	Parallel	40438+50	40495+50
Storm Drainage	- "		
Pipe/Culvert	Perpendicular	40442+55	
OH Utility (Transmission)	Perpendicular	40447+92	
OH Utility Line (Electric)	Perpendicular	40447+94	
UG Utility (Electric)	Perpendicular	40452+05	
Storm Drainage	Perpendicular	40461+40	
Pipe/Culvert	respendicular	40401+40	
Storm Drainage	Perpendicular	40462+35	
Pipe/Culvert	Terpendicular	10 102 100	
Storm Drainage	Perpendicular	40469+79	
Pipe/Culvert	Dama and Saulan	40402:00	
OH Utility Pole (Electric) OH Utility Line (Electric)	Perpendicular Parallel	40493+90 40495+50	40513+60
OH Utility Pole (Electric)	Perpendicular	40495+75	40313+00
OH Utility Pole (Electric)	Perpendicular	40497+80	
OH Utility Pole (Electric)	Perpendicular	40499+65	
OH Utility Pole (Electric)	Perpendicular	40501+55	
OH Utility Pole (Electric)	Perpendicular	40505+20	
OH Utility Pole (Electric)	Perpendicular	40507+05	
OH Utility Pole (Electric)	Perpendicular	40508+80	
Storm Drainage			
Pipe/Culvert	Perpendicular	40509+50	
OH Utility Pole (Electric)	Perpendicular	40510+50	
OH Utility Pole (Electric)	Perpendicular	40511+98	
UG Utility (Gas	Perpendicular	40513+90	
Transmission)	·		
UG Utility (Electric)	Parallel	40514+40	40523+75
Storm Sewer	Perpendicular	40526+84	
UG Utility (Telephone)	Perpendicular	40527+80	
OH Utility Pole (Electric)	Perpendicular	40527+90	
OH Utility Pole (Electric)	Perpendicular	40528+95	
OH Utility Line (Electric)	Perpendicular	40529+55	40500-01
Storm Sewer	Parallel	40529+58	40530+94
Storm Sewer	Perpendicular	40529+96	
UG Utility (Electric)	Perpendicular	40530+00	
OH Utility Pole (Electric)	Perpendicular	40530+05	
UG Utility (Gas) Storm Sewer	Perpendicular	40530+14	
Storm Sewer Storm Sewer	Perpendicular Perpendicular	40530+93 40531+24	
Storm Sewer	Perpendicular	40531+24	
Storm Sewer			
OH Utility Pole (Electric)	Perpendicular	40532+00	

description. Section 13.3 describes the procedures that will be followed for all utility crossings.

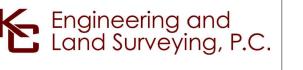
08/03/2023 ISSUED FOR CONSTRUCTION SUBMISSION

SUBMITTAL / REVISION DESCRIPTION

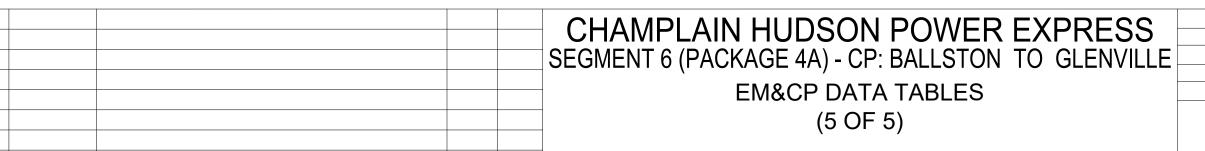
PACKAGE 4A - CO-LOCATED UTILITIES

Power Express





FOR INFORMATION SEE THE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE.



DB APP DRAWN BY: CS DESIGNED BY: JM APPROVED BY: SB REV. NO.

KIEWIT PROJECT NO. 21162 KC PROJECT NO. 120174 DRAWING NO.

G-009.1

AS NOTED DATE

CLEANUP STANDARDS AND PRACTICES

FROM THE BMPS', CLEAN-UP, RESTORATION, AND REVEGETATION PROCEDURES WILL BE ONGOING DURING CONSTRUCTION AS EACH SEGMENT IS COMPLETED. DURING CONSTRUCTION, ROAD AND CONSTRUCTION ROWS WILL BE KEPT FREE OF DEBRIS AND DISCARDED MATERIAL TO THE GREATEST EXTENT POSSIBLE. AS CONSTRUCTION CONTINUES, EACH SECTION OF THE ROWS WILL BE THOROUGHLY CLEANED AFTER CONSTRUCTION IS COMPLETED ON THAT PARTICULAR SECTION. ALL FABRICATED DEBRIS RESULTING FROM CONSTRUCTION WILL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE IN COMPLIANCE WITH ALL APPROPRIATE ENVIRONMENTAL REGULATIONS. FABRICATED DEBRIS GENERATED DURING CONSTRUCTION INCLUDES PIPING, FENCING, WIRING, AND ANY OTHER MATERIALS USED DURING CONSTRUCTION. NO FABRICATED DEBRIS ARE TO BE BE BURNED OR BURIED. ALL TRUCKS LEAVING THE CONSTRUCTION AREA WILL BE LOADED AND COVERED IN ACCORDANCE WITH APPLICABLE REGULATIONS AS NEEDED AS DESCRIBED IN THE SOIL MANAGEMENT PLAN OF THE EM&CP IN APPENDIX L.

RESTORATION AND PLANTING

THE FINAL STAGE OF CONSTRUCTION WILL CONSIST OF RESTORING THE ROAD AND CONSTRUCTION ROWS AND THIS SEGMENT TO ITS ORIGINAL CONDITION AND CHARACTER AS MUCH AS POSSIBLE/IS PRACTICAL, UNLESS DOING SO WOULD INTERFERE WITH THE SAFE OR RELIABLE OPERATION AND MAINTENANCE OF THE PROJECT. RESTORATION ACTIVITIES MAY VARY WITH THE SPECIFIC AREA TO BE RESTORED BUT WILL CONSIST PREDOMINANTLY OF RESTORING TOPOGRAPHY TO ORIGINAL GRADIENTS AND RESEEDING EXCAVATED AREAS OVER THE TRENCH AS IDENTIFIED HEREIN.

SITE PREPARATION FOR REVEGETATION

THE SURFACE OF THE ROAD AND CONSTRUCTION ROWS DISTURBED BY CONSTRUCTION ACTIVITIES WILL BE GRADED TO MATCH THE ORIGINAL TOPOGRAPHIC CONTOURS AND TO BE COMPATIBLE WITH SURROUNDING DRAINAGE PATTERNS WHERE APPROPRIATE. IT SHOULD BE NOTED THAT SUBCONTRACTORS WILL TYPICALLY LIMIT GRUBBING (THE REMOVAL OF STUMPS AND ROOTS) TO THE FOOTPRINT OF THE EXCAVATED TRENCH AND ACCESS ROADS TO ALLOW RE-SPROUTING AND ASSIST IN THE RECOVERY OF WOODY SPECIES, EXCEPT WHERE REMOVAL IS REQUIRED FOR SAFE CONSTRUCTION. WHERE NEEDED, IT MAY BE NECESSARY TO IMPORT TOPSOIL TO RETURN AN AREA TO GRADE. IMPORTED TOPSOIL WILL FOLLOW CLASSIFICATION AND CHARACTERIZATION MEASURES OUTLINED IN THE SOIL MANAGEMENT PLAN IN APPENDIX L. HDD ENTRY AND EXIT PITS WILL BE BACKFILLED AND THE DISTURBED GROUND SURFACE WILL BE SIMILARLY GRADED. TRENCHES WILL BE BACKFILLED IN ACCORDANCE WITH THE MEASURES OUTLINED IN SECTION 4.4.7 OF THE EM&CP. THE CERTIFICATE HOLDER WILL BE RESPONSIBLE FOR CHECKING ALL CULVERTS AND ASSURE THAT THEY ARE NOT CRUSHED OR BLOCKED DURING CONSTRUCTION AND RESTORATION OF THIS SEGMENT AND, IF A CULVERT IS BLOCKED OR CRUSHED, TAKE IMMEDIATE STEPS TO REPLACE OR REPAIR THE CULVERT IN ACCORDANCE WITH APPLICABLE STATE OR LOCAL STANDARDS.

SEEDING AND PLANTING

SEEDING OPERATIONS ACROSS THE 35-FOOT-WIDE CONSTRUCTION AND FACILITY ROWS AS WELL AS WITHIN STAGING AND LAYDOWN AREAS WILL COMMENCE ONLY AFTER AN ACCEPTABLE SEEDBED HAS BEEN ESTABLISHED, AS DESCRIBED ABOVE. . SEED WILL BE APPLIED BY HAND, OR VIA HYDRO-SEEDERS. MULCHING AND ANCHORING OF THE MULCH MAY BE NECESSARY IN SOME AREAS UNLESS A HYDROMULCH/SEED SLURRY IS USED. ON STEEP SLOPES, JUTE NET WILL BE USED TO PROVIDE STABILIZATION. FERTILIZER WILL BE ADDED, AS APPLICABLE GREATER THAN 3:1, AT THE APPROPRIATE RATES AFTER SEED IS APPLIED AND/OR TO A HYDROMULCH/SEED SLURRY. NO FERTILIZER WILL BE APPLIED IN WETLAND RESOURCE AREAS. SEEDING/MULCHING WILL TAKE PLACE UNDER THE SUPERVISION OF THE ENVIRONMENTAL INSPECTOR. THE SEED MIXTURE AND RATE OF APPLICATION WILL DEPEND ON THE SOIL TYPE LAND USE, AVAILABLE MOISTURE, AND SEASON AT THE TIME OF APPLICATION. ALL SEED MIXES WILL BE FREE OF INVASIVE SPECIES. ALL SEED BAG TAGS (EITHER ORIGINAL OR SCANNED COPIES) WILL BE PROVIDED TO THE ENVIRONMENTAL INSPECTOR EITHER ORIGINAL TAGS OR SCANNED COPIES. SEEDED AREAS WILL BE MONITORED FOLLOWING RESTORATION UNTIL A MINIMUM VEGETATIVE COVER OF EIGHTY (80) PERCENT IS ACHIEVED. THE SEED MIXTURES WILI FOLLOW THE TECHNICAL SPECIFICATIONS INCLUDED ON THE PLAN AND PROFILE DRAWINGS IN APPENDIX C FOR UPLANDS AND WETLAND BUFFER ZONES. FOR WETLAND RESOURCE AREAS. EMERGENT COMMUNITIES SHOULD BE REVEGETATED WITH AN ERNST FACW WETLAND MEADOW MIX (ERNMX-122) OR EQUIVALENT, AND FOR SHADED SITES WITHIN FORESTED/SHRUB-SHRUB WETLAND COMMUNITIES, DISTURBED AREAS SHOULD BE REVEGETATED WITH ERNST SPECIALIZED WETLAND MIX FOR SHADED AREAS (ERNMX-137) OR EQUIVALENT.

THE MAJORITY OF SOIL DISTURBANCE FOR THIS SEGMENT WILL BE WITHIN THE TRENCH-LINE FOR THE CONDUIT/CABLE. HOWEVER, SOME DISTURBANCE WILL ALSO OCCUR DURING INSTALLATION AND REMOVAL OF TEMPORARY ACCESS ROADS AS DESCRIBE IN SECTION 4.10 OF THE EM&CP. ALL TRENCH AREAS AND OTHER EXCAVATED AREAS WILL BE RESEEDED WITH AN APPROPRIATE SEED MIX AS IDENTIFIED UNDER SEED MIXES. VEGETATION THROUGHOUT THE CONSTRUCTION ROW WILL BE CUT TO GROUND LEVEL AND ROOT SYSTEMS WILL REMAIN INTACT TO ALLOW FOR RESPROUTING FOLLOWING CONSTRUCTION, UNLESS RESPROUTING WOULD INTERFERE WITH THE SAFE AND RELIABLE OPERATION OF THE PROJECT.

TREE CLEARING IS ANTICIPATED TO BE REQUIRED IN THIS SEGMENT (SEE SECTION 8.0 OF THE EM&CP); IF REQUIRED, ALL TREES OVER TWO (2) INCHES IN DBH OR SHRUBS OVER FOUR (4) FEET IN HEIGHT THAT ARE DAMAGED OR DESTROYED BY ACTIVITIES DURING CONSTRUCTION, OPERATION, OR MAINTENANCE WITHIN ASSOCIATED URBAN, RESIDENTIAL OR ADIRONDACK PARK LANDSCAPED AREAS, WILL BE REPLACED WITHIN THE FOLLOWING YEAR BY THE CERTIFICATE HOLDERS WITH THE EQUIVALENT TYPE OF TREES OR SHRUBS EXCEPT IF:

- a)EQUIVALENT TYPE REPLACEMENT TREES OR SHRUBS WOULD INTERFERE WITH THE PROPER CLEARING, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE PROJECT OR WOULD BE INCONSISTENT WITH STATE-INVASIVE SPECIES POLICY; OR
- b)REPLACEMENT WOULD BE CONTRARY TO SOUND ROW MANAGEMENT PRACTICES, OR TO ANY APPROVED LONG-RANGE ROW MANAGEMENT PLAN APPLICABLE TO THE FACILITY OR ADJOINING ROW; OR
- c)THE OWNER OF LAND WHERE THE DAMAGED OR DESTROYED TREES OR SHRUBS WERE LOCATED (OR OTHER RECORDED EASEMENT OR LICENSE HOLDERS WITH THE RIGHT TO CONTROL REPLACEMENT) DECLINES REPLACEMENT.

RESTORATION OF WATERBODIES

THESE AREAS WILL BE RESTORED IN ACCORDANCE WITH SECTION 14.4.1 OF THE EM&CP AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT A STATE APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDER. ALL MOTORIZED CONSTRUCTION EQUIPMENT WILL BE TRANSPORTED TO OFF SITE FACILITIES. ALL WETLAND MATS AND MATERIALS WILL BE COLLECTED, PACKED, AND TRANSPORTED TO OFF-SITE STORAGE FACILITY OR TO THE NEXT PACKAGE'S STAGING AREAS

RESTORATION OF WETLANDS

THESE AREAS WILL BE RESTORED IN ACCORDANCE WITH SECTION 14.4.2 OF THE EM&CP. AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT A STATE APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDER. ALL MOTORIZED CONSTRUCTION EQUIPMENT WILL BE TRANSPORTED TO OFF—SITE FACILITIES. ALL WETLAND MATS AND MATERIALS WILL BE COLLECTED, PACKED, AND TRANSPORTED TO OFF-SITE STORAGE FACILITY OR TO THE NEXT SEGMENT'S STAGING AREAS NEEDED.

RESTORATION OF CONSTRUCTION MATERIALS AND EQUIPMENT STAGING LOCATIONS AND TEMPORARY ACCESS ROADS

THE CONSTRUCTION MATERIALS EQUIPMENT STAGING LOCATIONS FOR THIS SEGMENT ARE SUMMARIZED IN SECTION 5.4 TABLE 5.2 OF THE EM&CP AND ARE SHOWN IN THE PLAN AND PROFILE DRAWINGS AND ESCP. THESE AREAS WILL BE RESTORED IN ACCORDANCE WITH SECTION 14 OF THE EM&CP AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS TO THE EXTENT PRACTICABLE.

ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS. ALL MOTORIZED CONSTRUCTION EQUIPMENT WILL BE TRANSPORTED TO OFF-SITE FACILITIES. ALL OTHER USABLE CONSTRUCTION EQUIPMENT AND MATERIALS WILL BE COLLECTED, PACKED, AND TRANSPORTED TO OFF-SITE STORAGE FACILITIES OR TO THE NEXT SEGMENT'S STAGING AREA AS NEEDED. ALL UNUSABLE EQUIPMENT AND MATERIALS WILL BE REMOVED FROM THE LAYDOWN YARD AND DISPOSED OF APPROPRIATELY.

PLANT INSPECTION. GUARANTEE AND MAINTENANCE

VEGETATION RESTORATION ALSO INCLUDES THE MAINTENANCE OF PLANTINGS FOR SPECIFIED TIME PERIODS AND THE REPLACEMENT OF UNSUCCESSFUL PLANTINGS. PRIOR TO PLANTING, THE ENVIRONMENTAL INSPECTOR WILL INSPECT ALL PLANTS IN CONTAINERS. PLANTINGS WILL BE PERFORMED BY A QUALIFIED LANDSCAPE OR NURSERY CONTRACTOR. THE ENVIRONMENTAL INSPECTOR WILL ALSO INSPECT ALL PLANTS AFTER COMPETITION OF PLANTING TO ENSURE PROPER PLANTING PROCEDURES AND THE CORRECT PLANT SPECIES WERE USED. ADDITIONALLY, THE ENVIRONMENTAL INSPECTOR WILL CONDUCT A FINAL INSPECTION OF ALL REVEGETATED AREAS AFTER THE END OF THE MONITORING PERIOD TO ENSURE FINAL STABILIZATION. ALL VEGETATION REPLACED WILL HAVE A MINIMUM TWO (2) YEAR SURVIVAL GUARANTEE. AS DESCRIBED IN THE BMP DOCUMENT, WHERE TREE OR SHRUB PLANTINGS ARE NEEDED, A POST CONSTRUCTION SURVIVAL SURVEY WILL BE PERFORMED ONE YEAR AFTER THE PLANTINGS. IF ANY TREE OR SHRUB HAS NOT SURVIVED OR IS IN POOR HEALTH, THE TREE/SHRUB WILL BE REPLACED.

SWPPP INSPECTIONS WILL BE PERFORMED BY THE ENVIRONMENTAL INSPECTOR. FOLLOWING FINAL STABILIZATION, EROSION AND SEDIMENT CONTROL MEASURES WILL BE REMOVED FROM THE SITE AND DISPOSED OF APPROPRIATELY.

RESTORATION WITHIN NYSDOT ROW

ALL RESTORATION WITHIN THE NYSDOT ROW SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE NYSDOT STANDARD SPECIFICATIONS AND STANDARD SHEETS.

RESTORATION OF RECREATIONAL AREAS

FOLLOWING CONSTRUCTION, THE CERTIFICATE HOLDERS WILL RESEED THE CONSTRUCTION AREA WITHIN RECREATIONAL AREAS USING THE PROCEDURES AND METHODS SPECIFIED IN THE SECTIONS ABOVE WHERE NEEDED. IF NECESSARY, ADDITIONAL REVEGETATION AND TREE PLANTING MAY BE PERFORMED DEPENDING ON THE IMPACT OF CONSTRUCTION.

ROADWAY RESTORATION (STRIPING, SIGNAGE, AUDIBLE ROADWAY **DELINEATORS**)

STRIPING IMPACTED OR REMOVED FROM CONSTRUCTION WITHIN THE LIMITS OF WORK, INCLUDING AREAS OF MILL AND OVERLAYS TO BE INSTALLED PER EXISTING STRIPING PATTERNS. CONTRACTOR SHALL INVENTORY ALL STRIPING PRIOR TO WORK. WORK TO BE COMPLETED IN ACCORDANCE WITH NYSDOT STANDARD SHEETS AND SPECIFICATIONS (SEE 685 SERIES STANDARD SHEETS).

SIGNAGE IMPACTED DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED IN KIND OR REINSTALLED IN ACCORDANCE WITH NYSDOT STANDARD SHEETS AND SPECIFICATIONS (SEE 645 SERIES STANDARD SHEETS)

AUDIBLE ROADWAY DELINEATORS DAMAGED OR REMOVED DUE TO CONSTRUCTION SHALL BE INSTALLED DURING RE-PAVING OPERATIONS IN ACCORDANCE WITH NYSDOT STANDARD SHEET 649-03

RESTORATION OF ROADWAY

THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. TRENCHES WILL BE BACKFILLED PER THE APPROPRIATE DETAIL, FULL WIDTH OF THE TRENCH WILL BE RESTORED TO MATCH THE EXISTING PAVEMENT SECTION, THE FULL WIDTH OF THE TRAVEL LANE TO THE CENTERLINE WILL BE MILLED AND OVERLAYED WITH A TOP COURSE OF ASPHALT. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED ON IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS. COUNTY ROADS WILL BE RESTORED UNDER SEPARATE RESTORATION REQUIREMENTS AS SHOWN ON THE APPLICABLE DETAIL.

RESTORATION OF ROADWAY SHOULDER

THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS, TRENCHES WILL BE BACKFILLED PER THE APPROPRIATE DETAIL, FULL WIDTH OF THE TRENCH WILL BE RESTORED TO MATCH THE EXISTING PAVEMENT SECTION, THE FULL WIDTH OF THE TRAVEL LANE TO THE CENTERLINE WILL BE MILLED AND OVERLAYED WITH A TOP COURSE OF ASPHALT. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED ON IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS.

PAVEMENT RESTORATION

AS DESCRIBED IN THE BMP DOCUMENT AND CERTIFICATE CONDITIONS, CURBS, SIDEWALKS, AND STREETS DAMAGED BY CONSTRUCTION WILL BE RESTORED TO PRE-EXISTING CONDITION OR BETTER. FURTHER, DISTURBED AREAS, RUTS, AND RILLS ALONG ROADWAYS SHALL BE RESTORED TO ORIGINAL GRADES AND CONDITIONS WITH PERMANENT REVEGETATION AND EROSION CONTROLS APPROPRIATE FOR THOSE LOCATIONS, AS APPROPRIATE.

THE CERTIFICATE HOLDERS WILL CONSULT THE MUNICIPAL ROAD OR HIGHWAY DEPARTMENT AND/OR THE REGIONAL OFFICE OR COUNTY ENGINEER OF THE NYSDOT IN ORDER TO IDENTIFY AND INCORPORATE APPROPRIATE SPECIFICATIONS FOR CURB, SIDEWALK, OR STREET RESTORATION. ALL SURFACE RESTORATION WILL FOLLOW THE SPECIFICATIONS AND DETAILS PROVIDED IN THE PLAN AND PROFILE DRAWINGS (SHEET C-631). GUIDE RAILS WILL BE REMOVED AND REPLACED IN ACCORDANCE WITH NYSDOT STANDARD SHEET 606-01.

SEED MIXES

A. GENERAL SEED:

- 1. PIPELINE MIX W/SWITCHGRASS (ERNMX-102-1)
- 2. MIX COMPOSITION
- 33.0% PANICUM VIRGATUM, 'SHAWNEE' (SWITCHGRASS, 'SHAWNEE')
- 25.0% FESTUCA RUBRA (CREEPING RED FESCUE)
- 18.0% LOLIUM MULTIFLORUM (ANNUAL RYEGRASS)
- 16.0% PHLEUM PRATENSE, CLIMAX (TIMOTHY, CLIMAX)
- 5.0% TRIFOLIUM HYBRIDUM (ALSIKE CLOVER) 3.0% AGROSTIS ALBA (REDTOP)
- 3. APPLIED AT A RATE OF 40 LBS/ACRE.
- B. ADIRONDACK SEED:
- 1. MIX COMPOSITION
 - 25% VIRGINIA WILD RYE (ELYMUS VIRGINICUS VAR. VIRGINICUS)
 - 25% CANADA WILD RYE (ELYMUS CANADENSIS)
 - 25% AUTUMN BENTGRASS (AGROSTIS PERENNANS)
- 25% CAMPER LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM)
- 2. APPLIED AT A RATE OF 40 LBS/ACRE.
- C. SPECIALIZED WETLAND MIX FOR SHADED OBL-FACW AREAS (ERNMX-137)
- 1. MIX COMPOSITION 35.0% CAREX VULPINOIDEA, PA ECOTYPE (FOX SEDGE, PA ECOTYPE)
- 20.0% ELYMUS VIRGINICUS, MADISON-NY ECOTYPE (VIRGINIA WILDRYE, MADISON-NY ECOTYPE)
- 15.0% CAREX SCOPARIA, PA ECOTYPE (BLUNT BROOM SEDGE, PA ECOTYPE)
- 12.8% CAREX LURIDA, PA ECOTYPE (LURID SEDGE, PA ECOTYPE)
- 5.0% CAREX LUPULINA, PA ECOTYPE (HOP SEDGE, PA ECOTYPE) 4.0% VERBENA HASTATA, PA ECOTYPE (BLUE VERVAIN, PA ECOTYPE)
- 2.0% HELIOPSIS HELIANTHOIDES, PA ECOTYPE (OXEYE SUNFLOWER, PA ECOTYPE)
- 1.0% CAREX INTUMESCENS, PA ECOTYPE (STAR SEDGE, PA ECOTYPE)
- 1.0% SPARGANIUM AMERICANUM (EASTERN BUR REED)
- 0.7% IRIS VERSICOLOR (BLUEFLAG)
- 0.5% BIDENS CERNUA, PA ECOTYPE (NODDING BUR MARIGOLD, PA ECOTYPE)
- 0.5% CAREX CRINITA, PA ECOTYPE (FRINGED SEDGE, PA ECOTYPE)
- 0.5% CAREX STIPATA, PA ECOTYPE (AWL SEDGE, PA ECOTYPE)
- 0.5% EUPATORIUM PERFOLIATUM, PA ECOTYPE (BONESET, PA ECOTYPE)
- 0.5% SCIRPUS CYPERINUS, PA ECOTYPE (WOOLGRASS, PA ECOTYPE)
- 0.5% VERNONIA NOVEBORACENSIS, PA ECOTYPE (NEW YORK IRONWEED, PA ECOTYPE)
- 0.3% LOBELIA SIPHILITICA, PA ECOTYPE (GREAT BLUE LOBELIA, PA ECOTYPE)
- 0.2% PENTHORUM SEDOIDES, PA ECOTYPE (DITCH STONECROP, PA ECOTYPE)
- 2. APPLIED AT A RATE OF APPROXIMATELY 20 LBS/ACRE, ALONG WITH THE COVER CROP.
- 3. COVER CROP SHOULD BE APPLIED AT A RATE OF 60-80 LBS/ACRE. COVER CROP TO BE AN ANNUAL RYE. COVER CROP BASED ON SEASON OF RESTORATION AN ANNUAL RYE THROUGH SPRING AND SUMMER AND WINTER RYE FOR LATE FALL.
- D. FACW WETLAND MEADOW MIX (ERNMX-122)
- 1. MIX COMPOSITION
- 21.0% CAREX VULPINOIDEA, PA ECOTYPE (FOX SEDGE, PA ECOTYPE)
- 20.0% ELYMUS VIRGINICUS, PA ECOTYPE (VIRGINIA WILDRYE, PA ECOTYPE)
- 16.0% CAREX LURIDA, PA ECOTYPE (LURID SEDGE, PA ECOTYPE)
- 12.0% CAREX LUPULINA, PA ECOTYPE (HOP SEDGE, PA ECOTYPE) 12.0% CAREX SCOPARIA, PA ECOTYPE (BLUNT BROOM SEDGE, PA ECOTYPE)
- 3.0% VERBENA HASTATA. PA ECOTYPE (BLUE VERVAIN. PA ECOTYPE)
- 2.4% ASCLEPIAS INCARNATA, PA ECOTYPE (SWAMP MILKWEED, PA ECOTYPE)
- 2.0% JUNCUS EFFUSUS (SOFT RUSH)
- 2.0% ZIZIA AUREA, PA ECOTYPE (GOLDEN ALEXANDERS, PA ECOTYPE)
- 1.6% ASTER NOVAE-ANGLIAE, PA ECOTYPE (NEW ENGLAND ASTER, PA ECOTYPE) 1.3% CAREX STIPATA, PA ECOTYPE (AWL SEDGE, PA ECOTYPE)
- 1.0% BIDENS CERNUA, PA ECOTYPE (NODDING BUR MARIGOLD, PA ECOTYPE)
- 1.0% JUNCUS TENUIS, PA ECOTYPE (PATH RUSH, PA ECOTYPE)
- 0.8% SOLIDAGO RUGOSA, PA ECOTYPE (WRINKLELEAF GOLDENROD, PA ECOTYPE)
- 0.6% VERBENA URTICIFOLIA, PA ECOTYPE (WHITE VERVAIN, PA ECOTYPE)
- 0.5% CAREX CRINITA, PA ECOTYPE (FRINGED SEDGE, PA ECOTYPE)
- 0.5% EUPATORIUM PERFOLIATUM, PA ECOTYPE (BONESET, PA ECOTYPE) 0.5% HELENIUM AUTUMNALE, PA ECOTYPE (COMMON SNEEZEWEED, PA ECOTYPE)
- 0.5% MIMULUS RINGENS, PA ECOTYPE (SQUARE STEMMED MONKEYFLOWER, PA ECOTYPE)
- 0.3% LOBELIA SIPHILITICA, PA ECOTYPE (GREAT BLUE LOBELIA, PA ECOTYPE)
- 0.3% SCIRPUS CYPERINUS, PA ECOTYPE (WOOLGRASS, PA ECOTYPE)
- 0.2% ALISMA SUBCORDATUM, PA ECOTYPE (MUD PLANTAIN, PA ECOTYPE)
- 0.2% ASTER PUNICEUS, PA ECOTYPE (PURPLESTEM ASTER, PA ECOTYPE)
- 0.2% ASTER UMBELLATUS, PA ECOTYPE (FLAT TOPPED WHITE ASTER, PA ECOTYPE)
- 0.1% PENTHORUM SEDOIDES, PA ECOTYPE (DITCH STONECROP, PA ECOTYPE) 2. APPLIED AT A RATE OF APPROXIMATELY 20 LBS/ACRE, ALONG WITH THE COVER CROP.

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3. COVER CROP SHOULD BE APPLIED AT A RATE OF 60-80 LBS/ACRE. COVER CROP TO BE AN ANNUAL RYE. COVER CROP BASED ON SEASON OF RESTORATION AN ANNUAL RYE THROUGH SPRING AND SUMMER AND WINTER RYE FOR LATE FALL.

Power Express





FOR INFORMATION SEE THE ENVIRONMENTAL MANAGEMENT AND

08/03/2023 ISSUED FOR CONSTRUCTION SUBMISSION

SUBMITTAL / REVISION DESCRIPTION

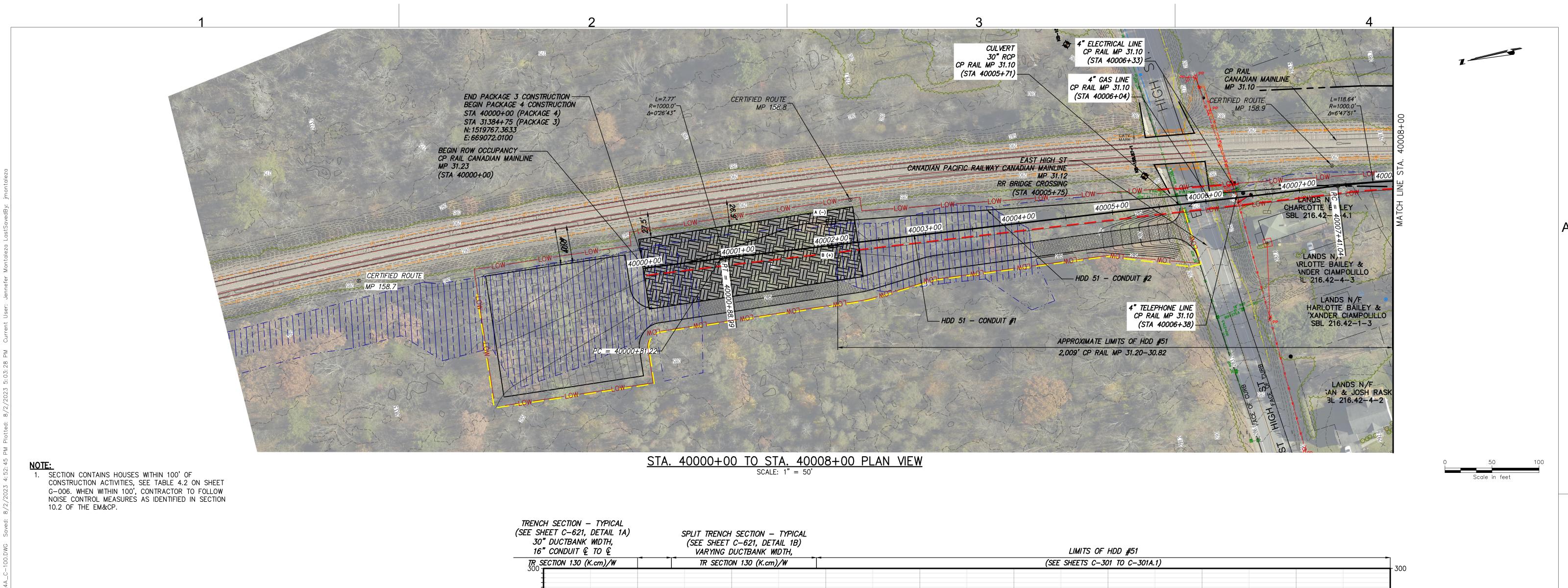
CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE **RESTORATION NOTES**

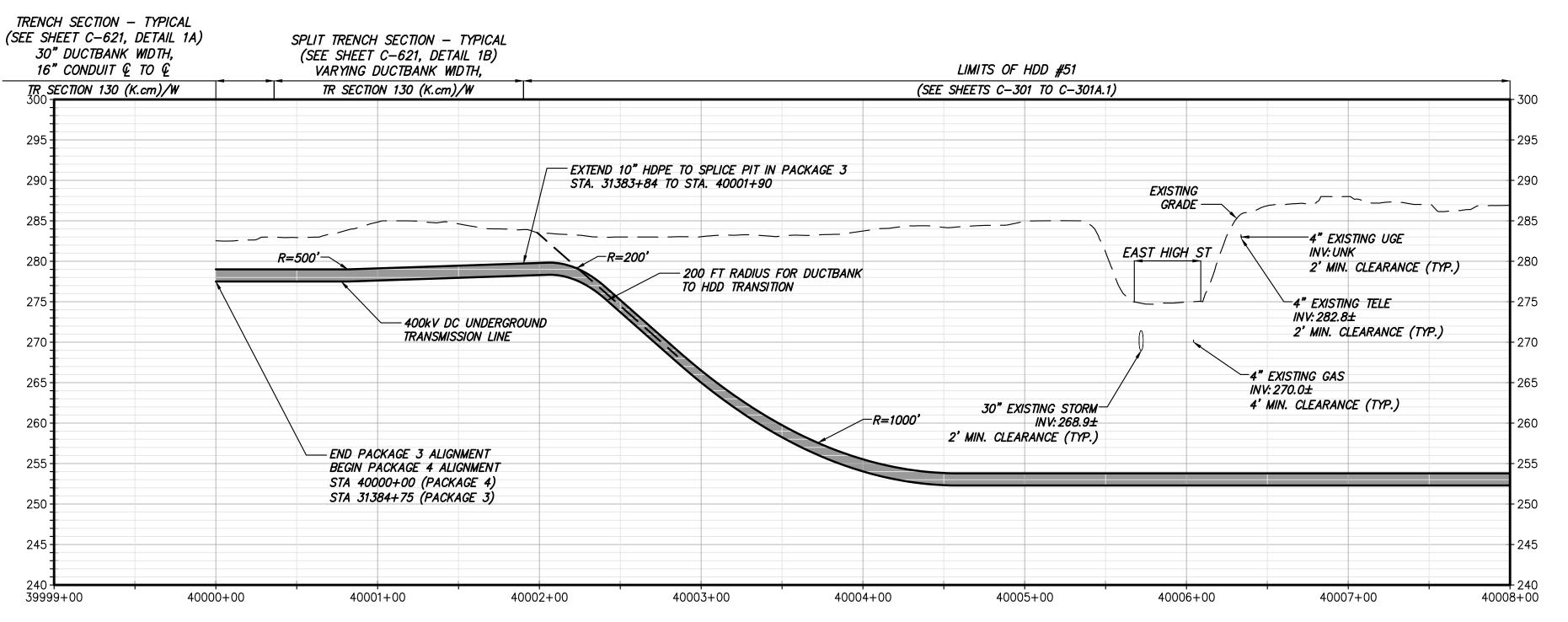
21162 KC PROJECT NO. 120174 DRAWING NO.

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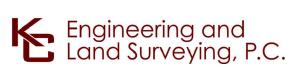
SUBMITTAL / REVISION DESCRIPTION

STA. 40000+00 TO STA. 40008+00 PROFILE VIEW

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









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.

		CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE STA. 40000+00 TO STA. 40008+00 PLAN AND PROFILE

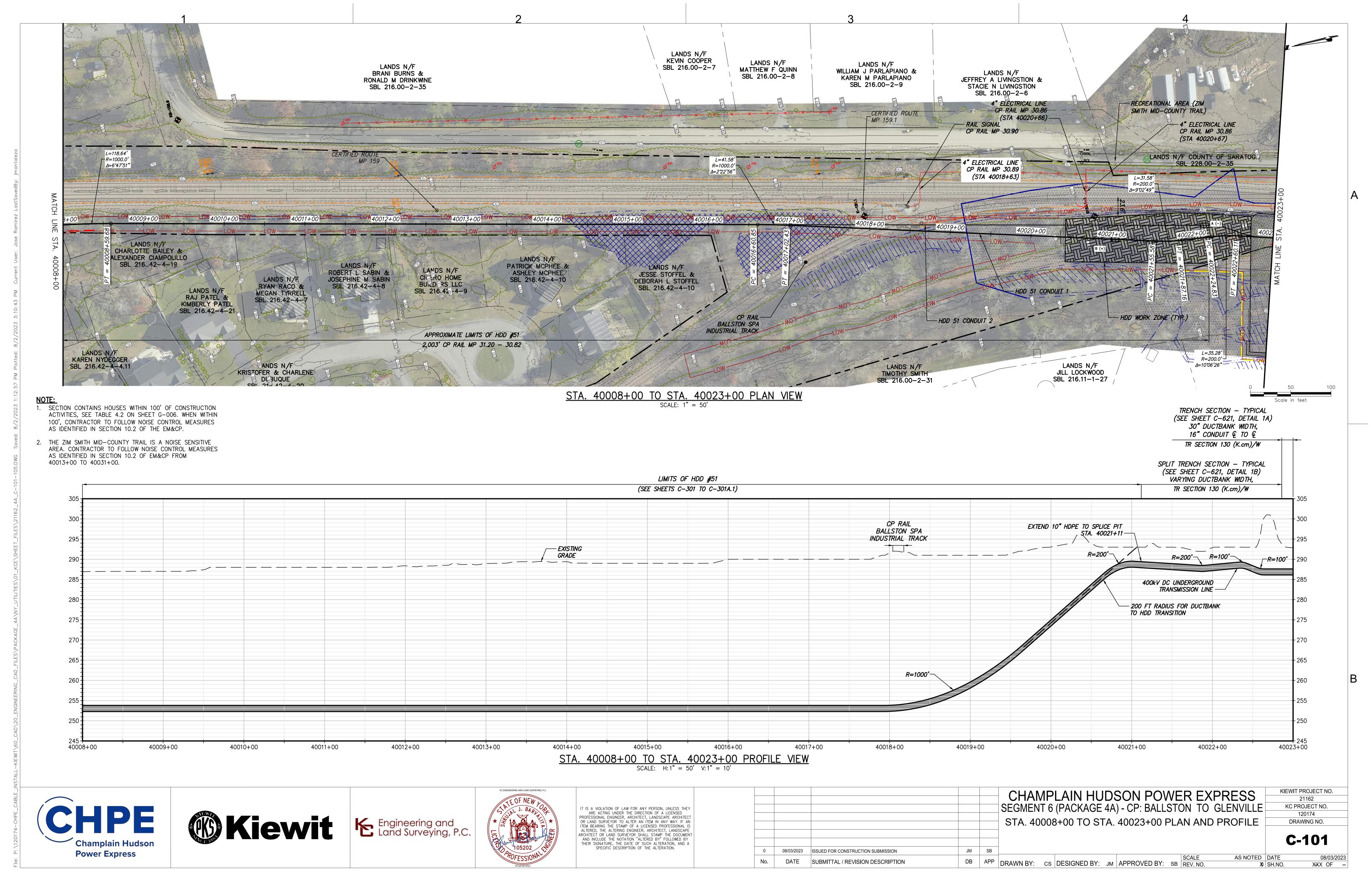
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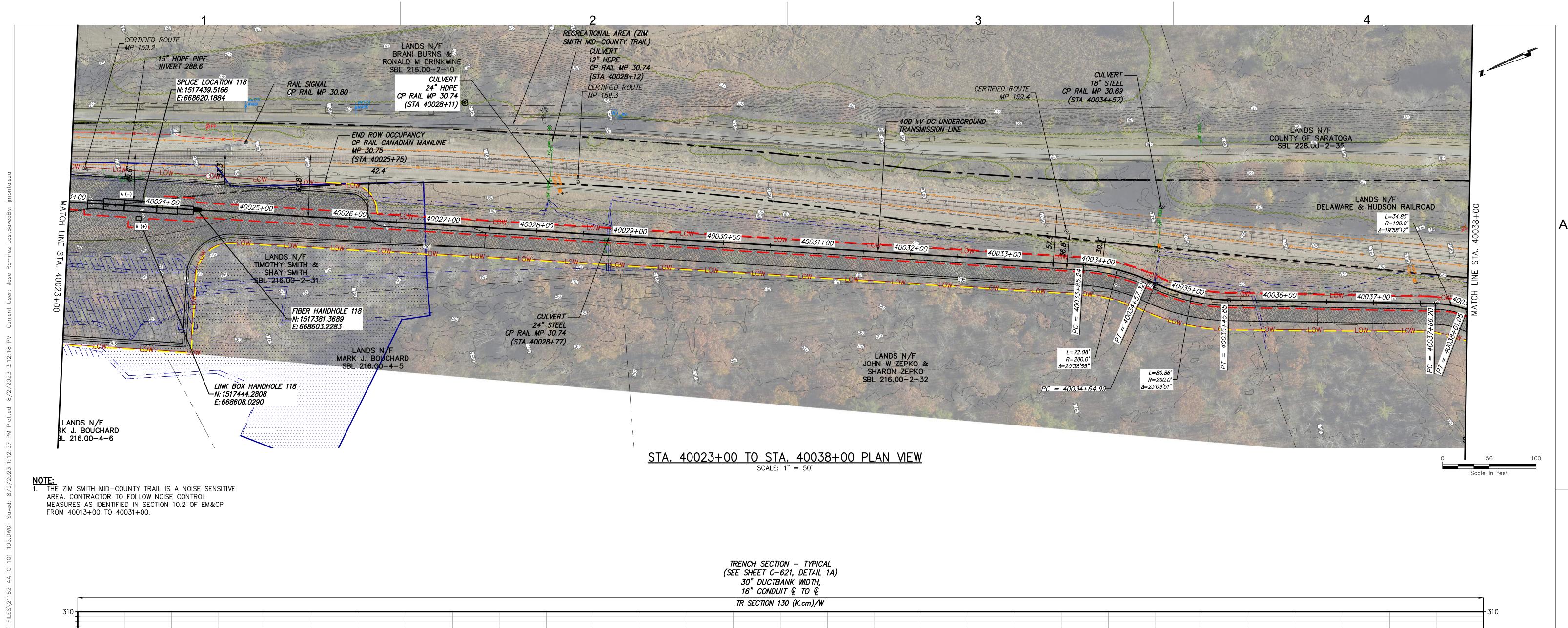
JM SB

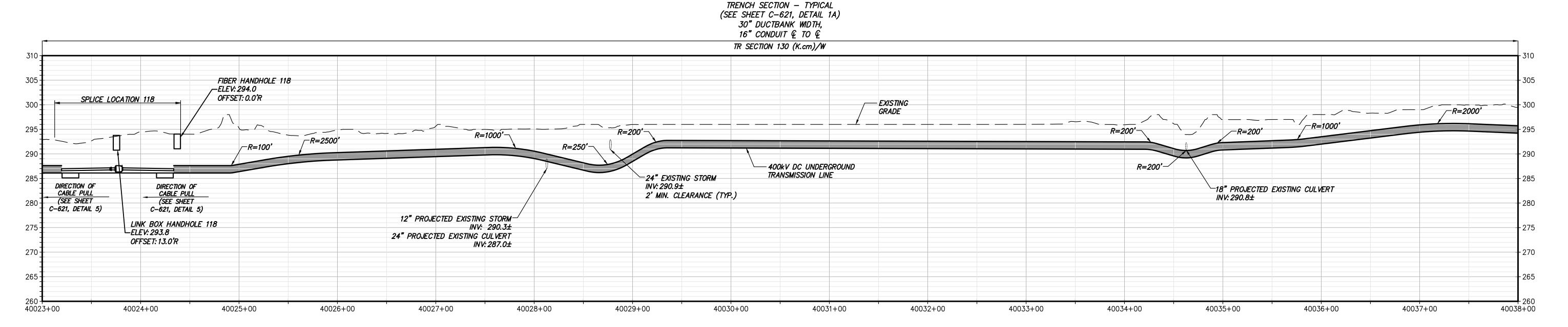
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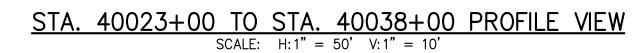
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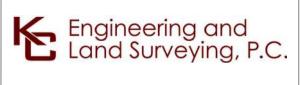














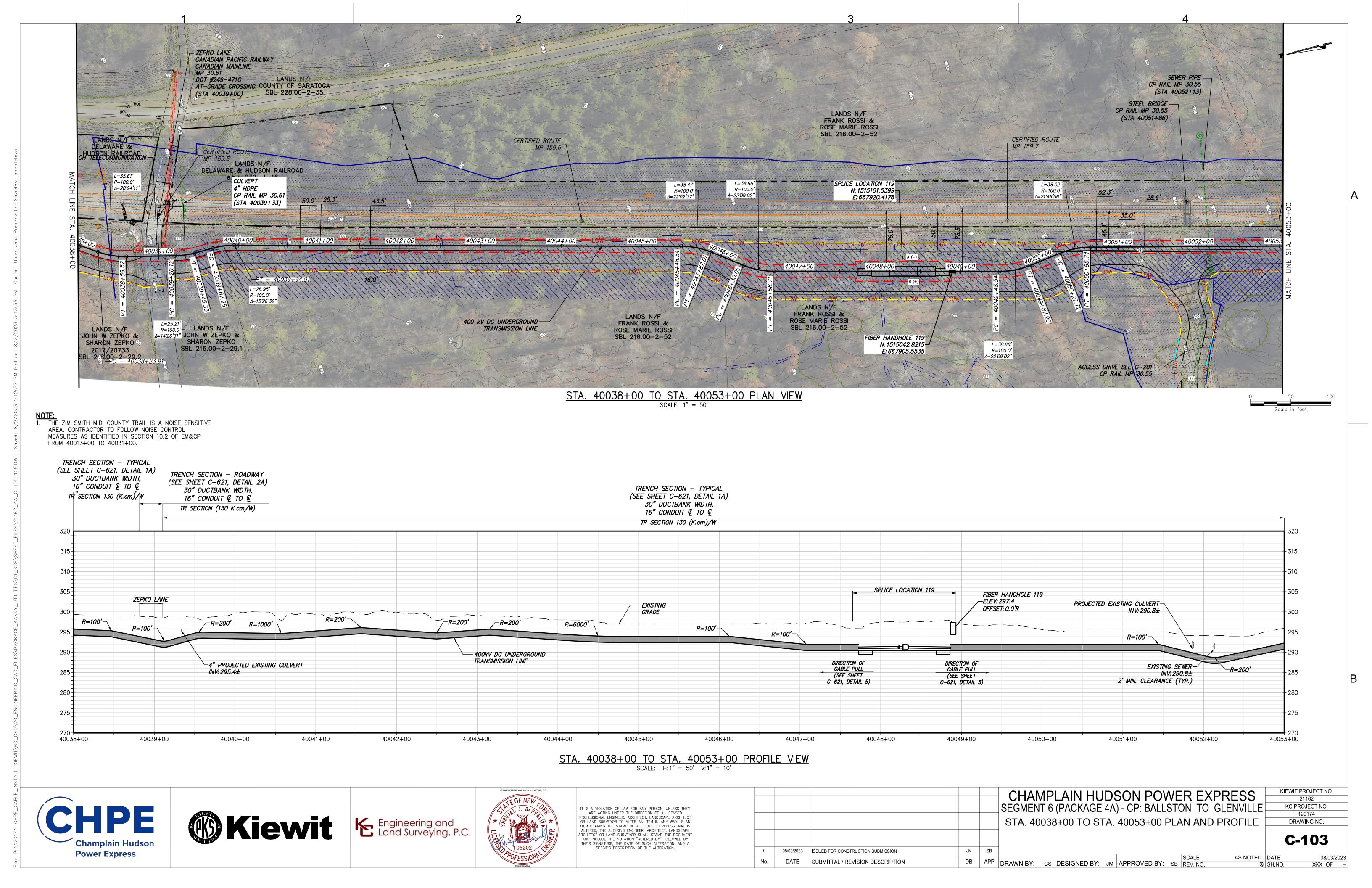
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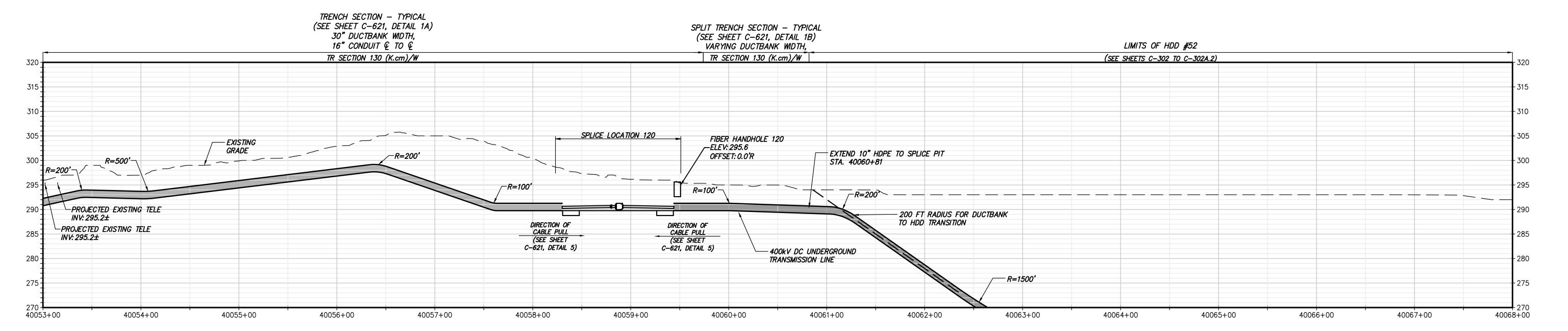
	CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE STA. 40023+00 TO STA.40038+00 PLAN AND PROFILE	
		SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE

KIEWIT PROJECT NO. 21162 KC PROJECT NO. 120174 DRAWING NO.

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08/03/2023 ISSUED FOR CONSTRUCTION SUBMISSION AS NOTED DATE DB APP DRAWN BY: CS DESIGNED BY: JM APPROVED BY: SB REV. NO. SUBMITTAL / REVISION DESCRIPTION XXX OF --





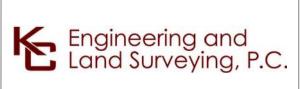
STA. 40053+00 TO STA. 40068+00 PROFILE VIEW

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

SUBMITTAL / REVISION DESCRIPTION









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					CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE	
					STA. 40053+00 TO STA. 40068+00 PLAN AND PROFILE	
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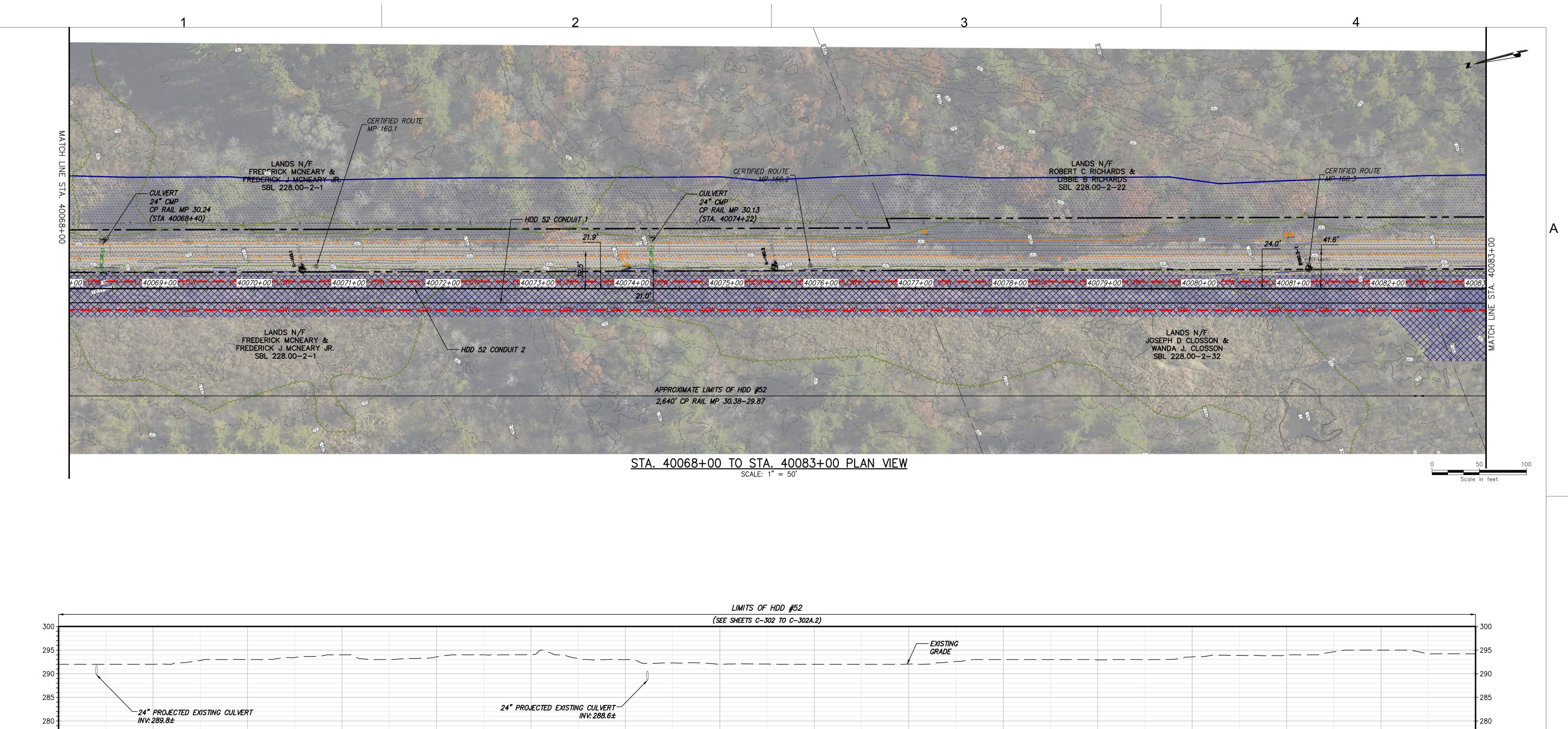
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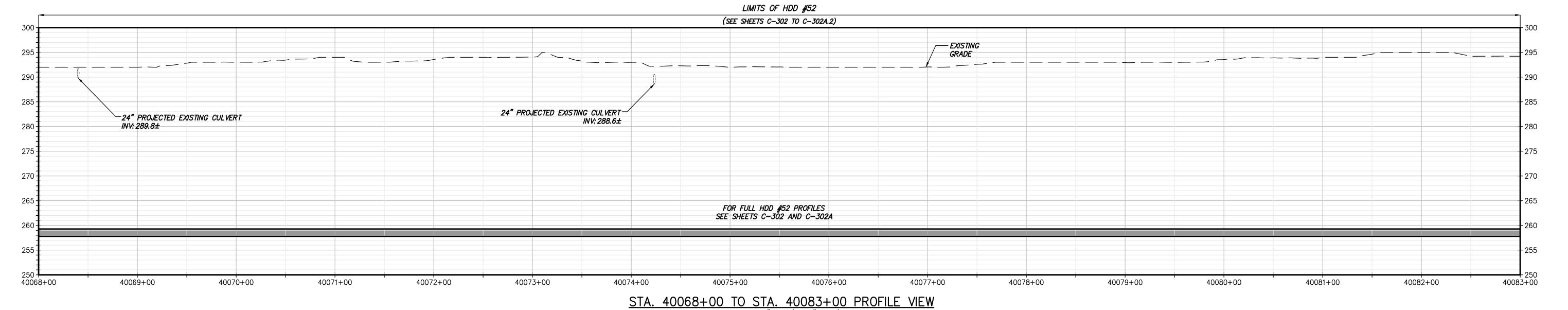
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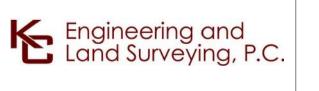
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		STA. 40068+00 TO STA. 40083+00 PLAN AND PROFILE	

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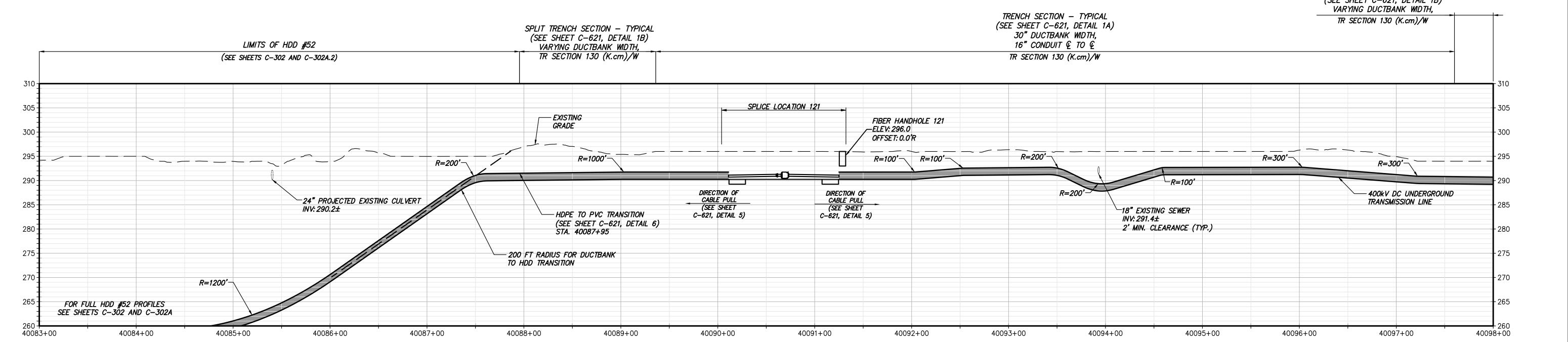
KIEWIT PROJECT NO. 21162 KC PROJECT NO. 120174 DRAWING NO.

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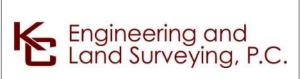
STA. 40083+00 TO STA. 40098+00 PROFILE VIEW SCALE: H: 1" = 50' V: 1" = 10'

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		CHAMPLAIN HUDSON POWER EXPRESS	
		SEGMENT 6 (PACKAGE 4A) - CP: BALLSTON TO GLENVILLE	
		STA. 40083+00 TO STA. 40098+00 PLAN AND PROFILE	

DB APP DRAWN BY: CS DESIGNED BY: JM APPROVED BY: SB REV. NO.

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AS NOTED DATE