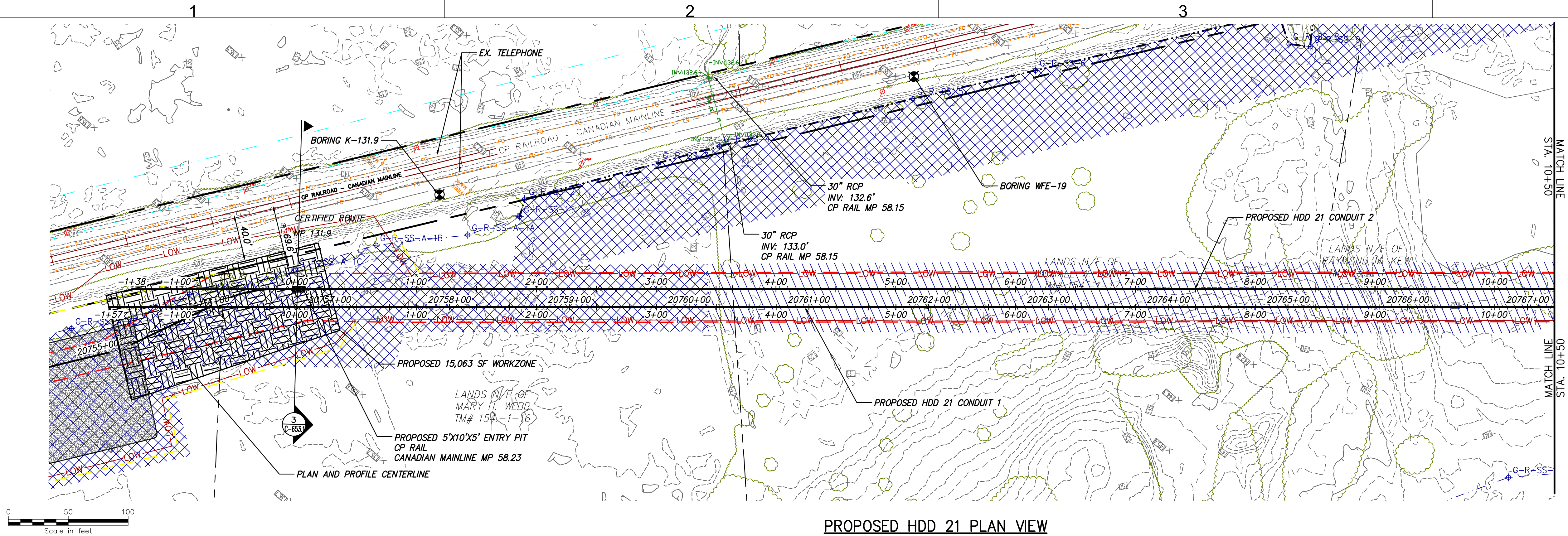
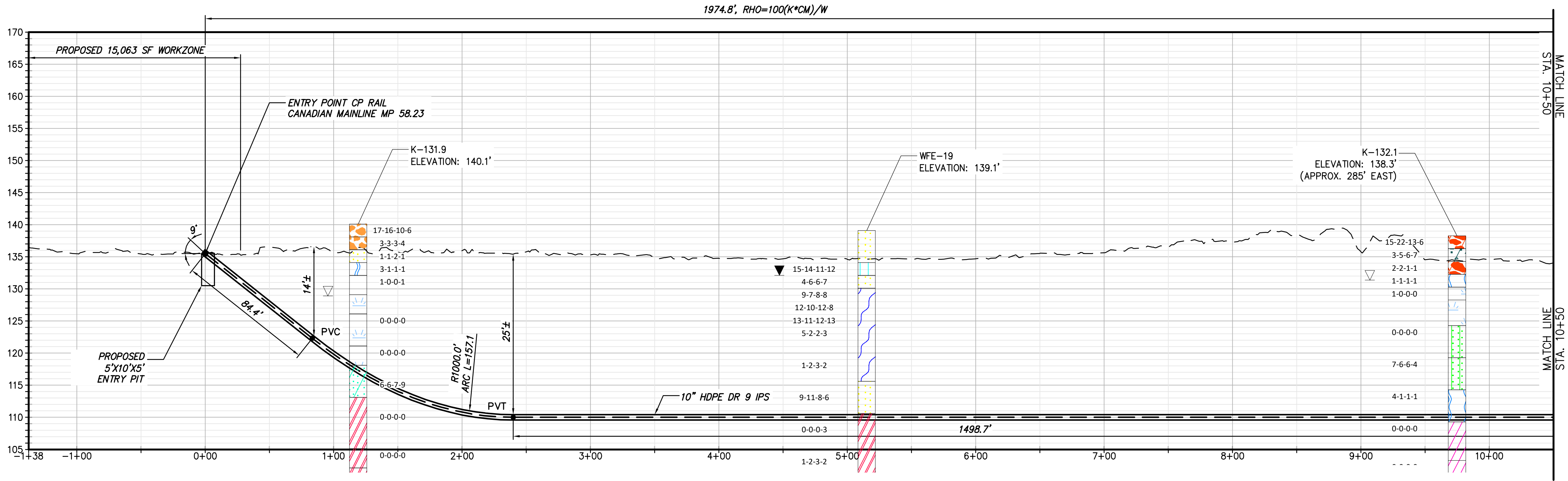


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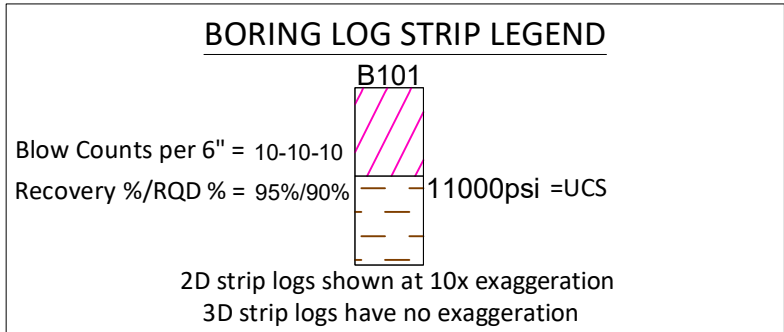


PROPOSED HDD 21 PLAN VIEW
CONDUIT 2

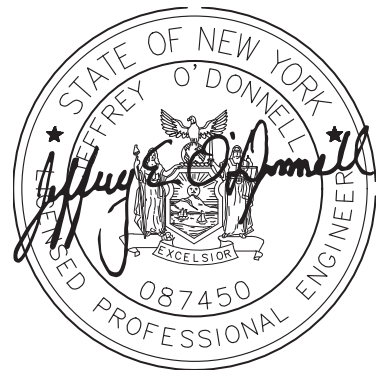


PROPOSED HDD 21 PROFILE
CONDUIT 2

NOTE:
1) THE USE OF CONDUCTOR CASINGS IS
RECOMMENDED TO MITIGATE THE POTENTIAL
RELEASES OF DRILLING FLUIDS.



Legend		
	ASPHALT	Asphalt
	Bedrock	Bedrock
	Boulder	Boulder
	CH	Fat CLAY
	CH-MH	SILTY Fat CLAY
	CL	Lean CLAY
	CL-ML	SILTY CLAY
	CONCRETE	Concrete
	FILL	FILL
	GC	CLAYEY GRAVEL
	GC-GM	SILTY CLAYEY GRAVEL
	GM	SILTY GRAVEL
	GP	Poorly Graded GRAVEL
	GP-GC	Poorly Graded Gravel with CLAY
	GP-GM	Poorly Graded GRAVEL with SILT
	GW	Well Graded GRAVEL
	GW-GC	Well Graded GRAVEL with CLAY
	GW-GM	Well Graded GRAVEL with SILT
	Limestone	Limestone
	MH	Elastic SILT
	ML	SILT
	OH	ORGANIC Fat CLAY
	OL	ORGANIC Lean CLAY
	OL/OH	ORGANIC SOIL
	PT	PEAT
	Rock	Rock
	Sandstone	Sandstone
	SC	CLAYEY SAND
	SC-SM	SILT, CLAYEY SAND
	SHALE	Shale
	SILTSTONE	Siltstone
	SM	SILTY SAND
	SP	Poorly Graded SAND
	SP-SC	Poorly Graded SAND with CLAY
	SP-SM	Poorly Graded SAND with SILT
	SW	Well graded SAND
	SW-SC	Well Graded SAND with CLAY
	SW-SM	Well Graded SAND with SILT
	Topsail	Topsail
	USGS 601	Gravel or Conglomerate 1
	USGS 654	Subgraywacke
	USGS 670	Interbedded Sandstone and Shale
	USGS 702	Quartzite
	USGS 705	Schist
	USGS 705	Schist
	USGS 708	Gneiss
	USGS 708	Gneiss
	USGS 718	Granite 1
	Void	Void
	Water	Water
	Weathered Rock	Undefined
	Water Table	Water Table during drilling
	Delayed Water Table	Water Table after drilling



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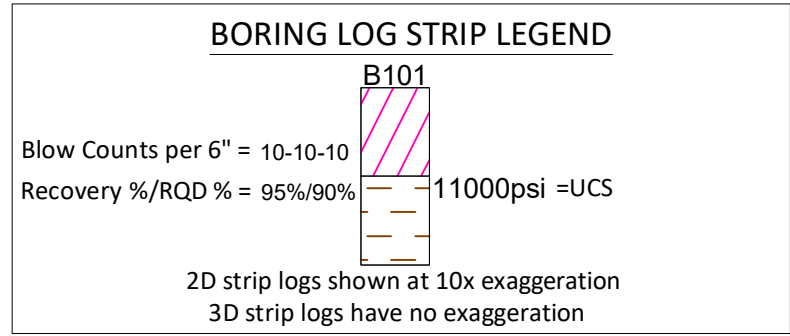
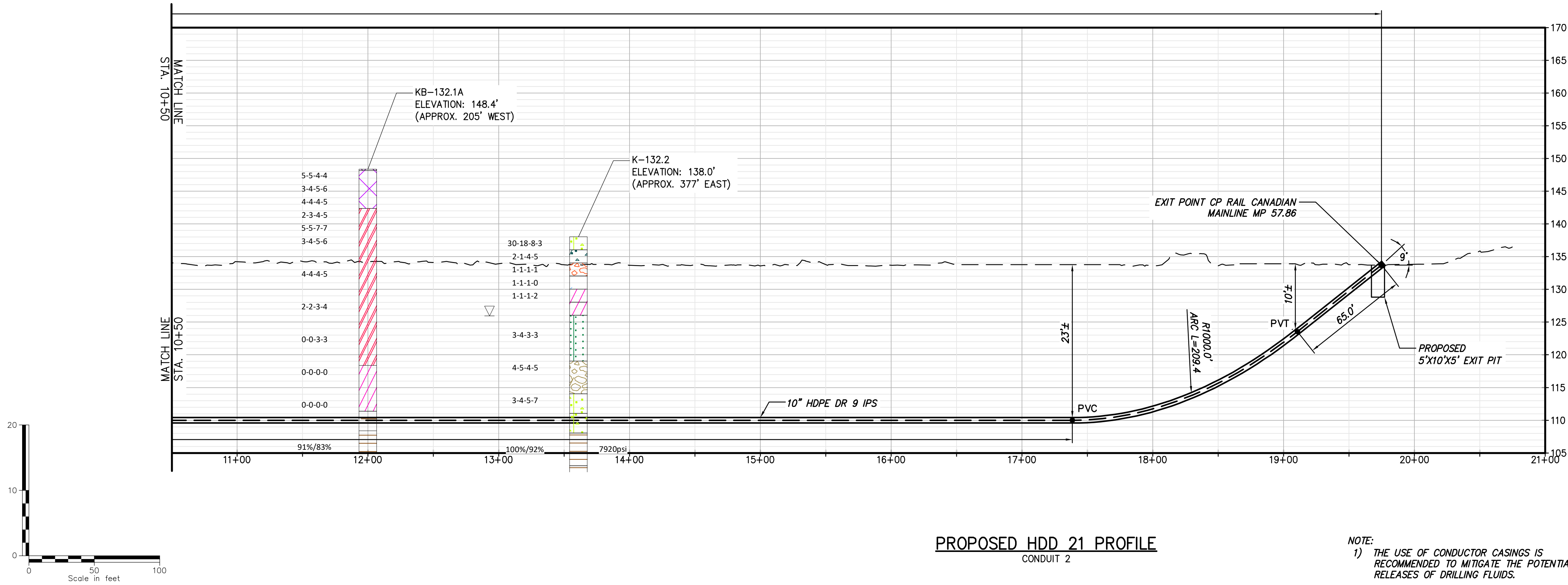
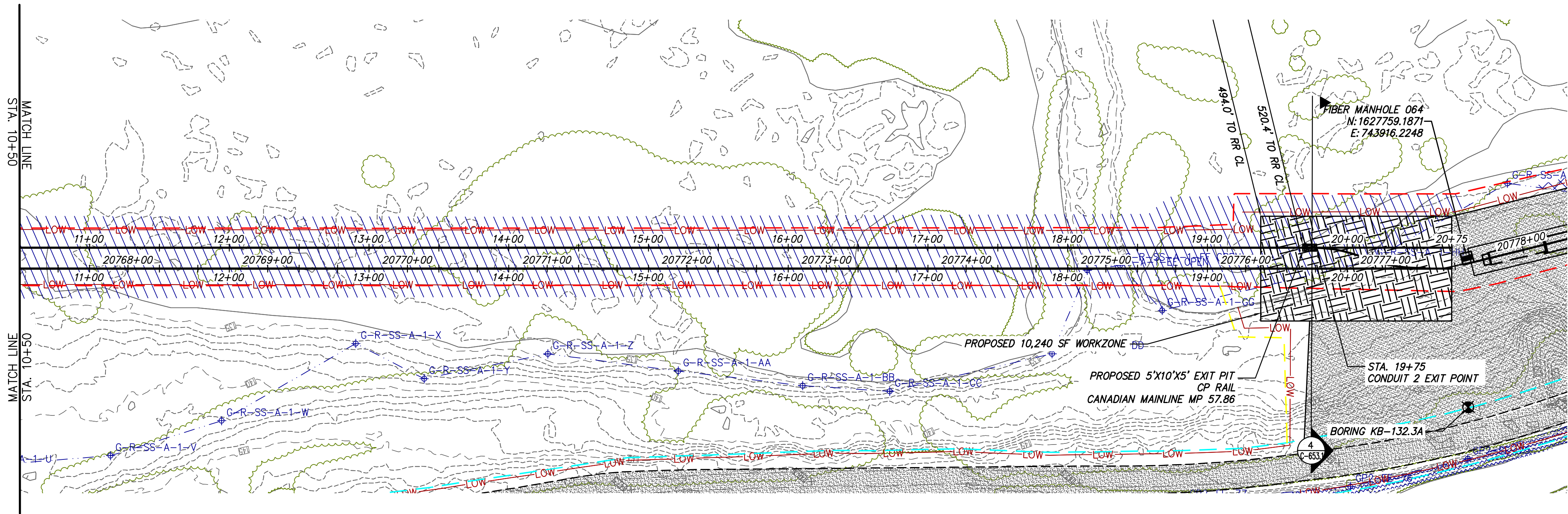
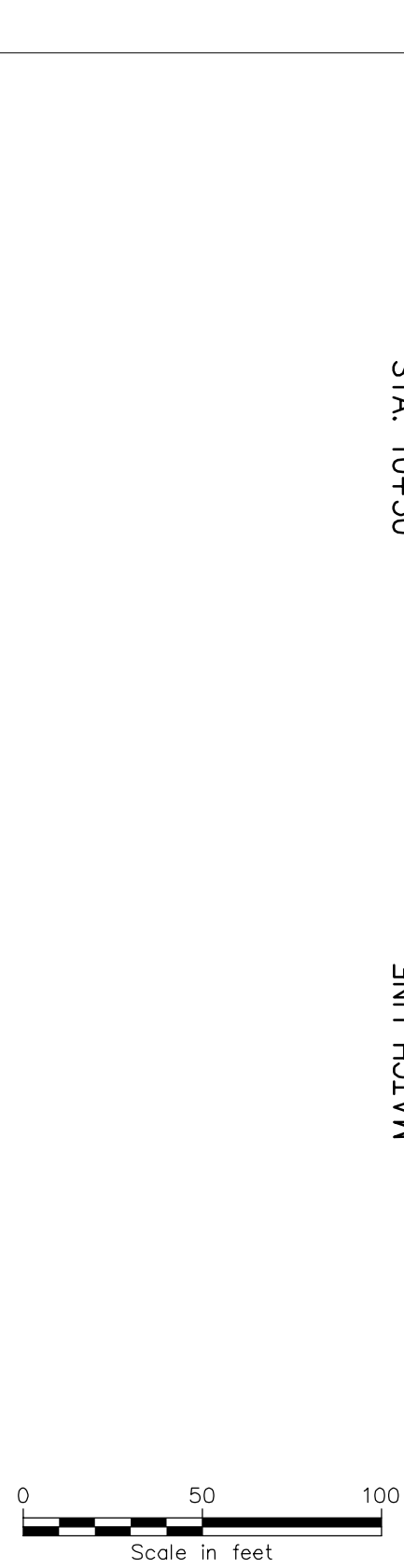
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
PLAN AND PROFILE - HDD 21, CONDUIT 2

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

C-316A

DRAWN BY:	ES	DESIGNED BY:	ES	APPROVED BY:	JEO	SCALE	AS NOTED	DATE	03/22/2023
						REV. NO.	X		

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Legend		
	ASPHALT	Asphalt
	Bedrock	Bedrock
	Boulder	Boulder
	CH	Fat CLAY
	CH-MH	SILTY Fat CLAY
	CL	Lean CLAY
	CL-ML	SILTY CLAY
	CONCRETE	Concrete
	FILL	FILL
	GC	CLAYEY GRAVEL
	GC-GM	SILTY CLAYEY GRAVEL
	GM	SILTY GRAVEL
	GP	Poorly Graded GRAVEL
	GP-GC	Poorly Graded Gravel with CLAY
	GP-GM	Poorly Graded GRAVEL with SILT
	GW	Well Graded GRAVEL
	GW-GC	Well Graded GRAVEL with CLAY
	GW-GM	Well Graded GRAVEL with SILT
	Limestone	Limestone
	MH	Elastic SILT
	ML	SILT
	OH	ORGANIC Fat CLAY
	OL	ORGANIC Lean CLAY
	OL/OH	ORGANIC SOIL
	PT	PEAT
	Rock	Rock
	Sandstone	Sandstone
	SC	CLAYEY SAND
	SC-SM	SILT, CLAYEY SAND
	SHALE	Shale
	SILTSTONE	Siltstone
	SM	SILTY SAND
	SP	Poorly Graded SAND
	SP-SC	Poorly Graded SAND with CLAY
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	SW-SC	Well Graded SAND with CLAY
	SW-SM	Well Graded SAND with SILT
	Topsail	Topsail
	USGS 601	Gravel or Conglomerate 1
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	USGS 670	Interbedded Sandstone and Shale
	USGS 702	Quartzite
	USGS 705	Schist
	USGS 705	Schist
	USGS 708	Gneiss
	USGS 708	Gneiss
	USGS 718	Granite 1
	Void	Void
	Water	Water
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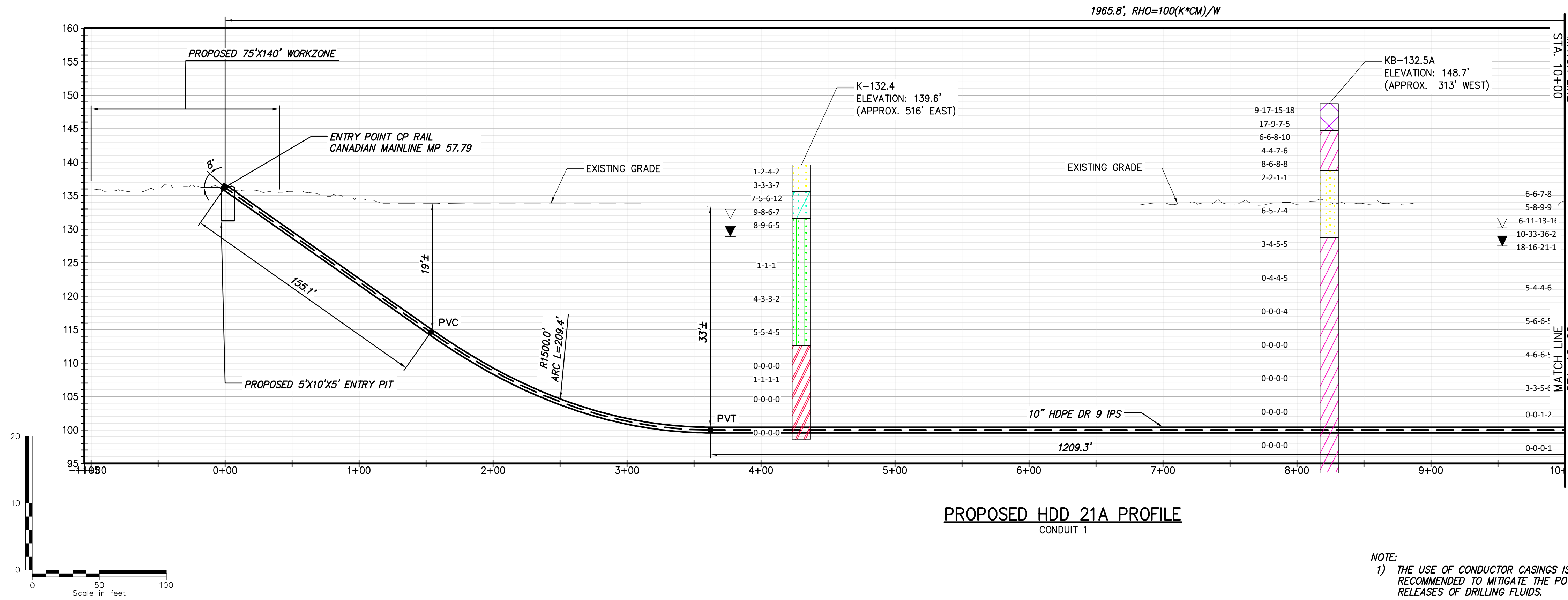
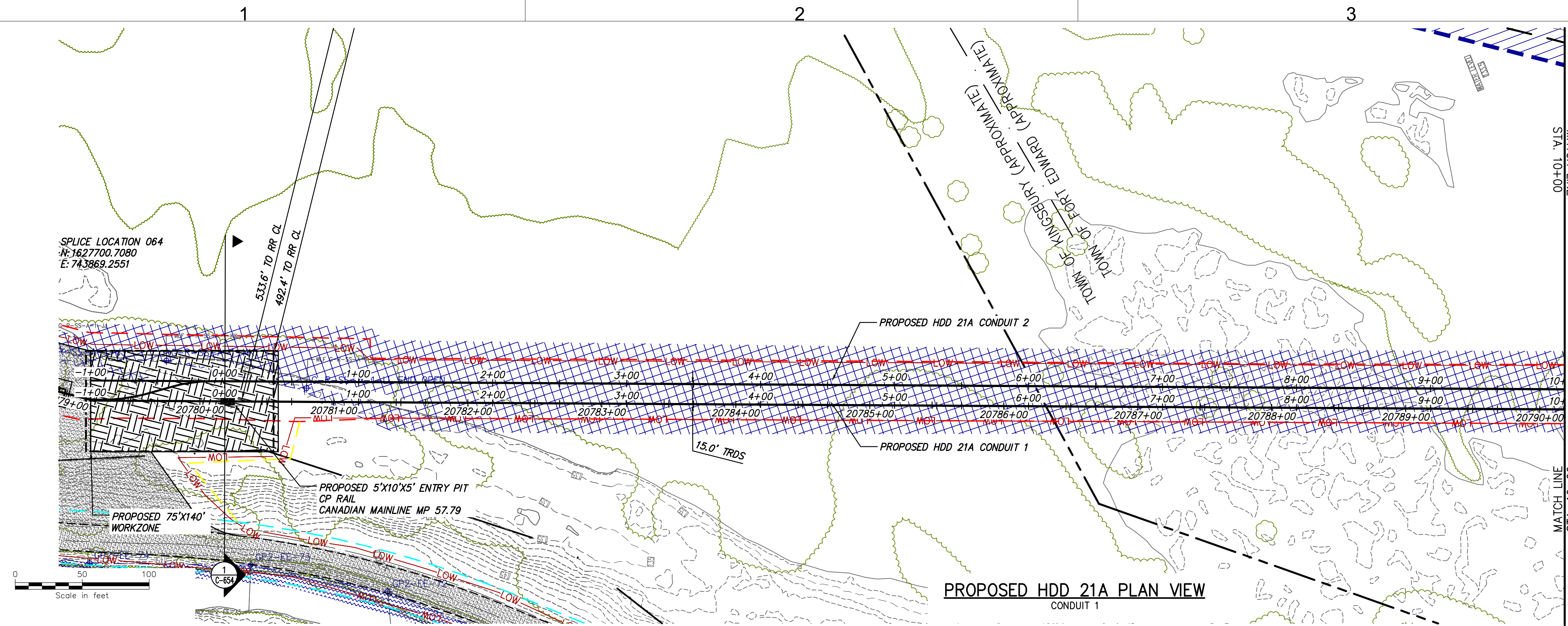
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
PLAN AND PROFILE - HDD 21, CONDUIT 2

DRAWN BY: ES DESIGNED BY: ES APPROVED BY: JEO SCALE AS NOTED DATE 03/22/2023

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-316A.1

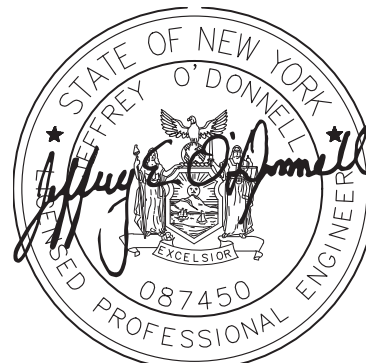
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Legend	
ASPHALT	Asphalt
Bedrock	Bedrock
Boulder	Boulder
CH	Fat CLAY
CH-MH	SILTY Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	FILL
GC	CLAYEY GRAVEL
GC-GM	SILTY CLAYEY GRAVEL
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GP-GC	Poorly Graded Gravel with CLAY
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ML	SILT
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OL/OH	ORGANIC SOIL
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USGS 708	Gneiss
USGS 708	Gneiss
USGS 718	Granite 1
Void	Void
Water	Water
Weathered Rock	Undefined
Water Table	Water Table during drilling
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BORING LOG STRIP LEGEND	
Blow Counts per 6" = 10-10-10	
Recovery %/RQD % = 95%/90%	
11000psi = UCS	
2D strip logs shown at 10x exaggeration	
3D strip logs have no exaggeration	

NOTE:
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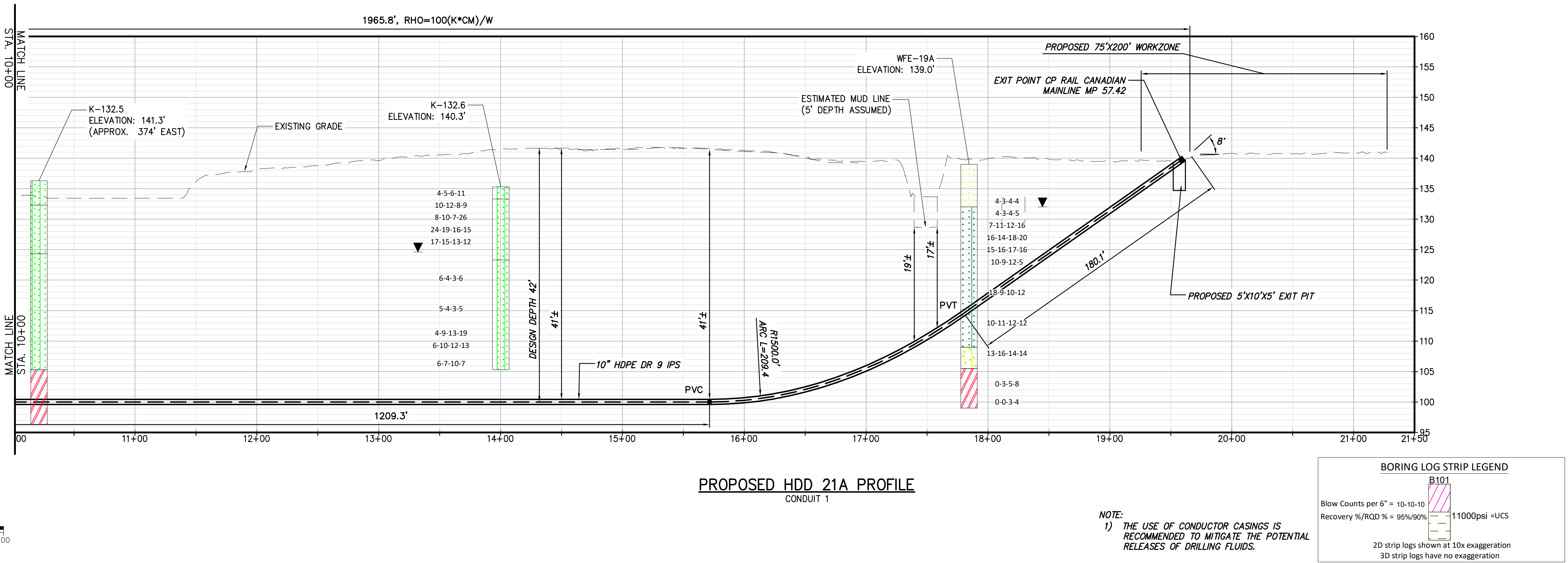
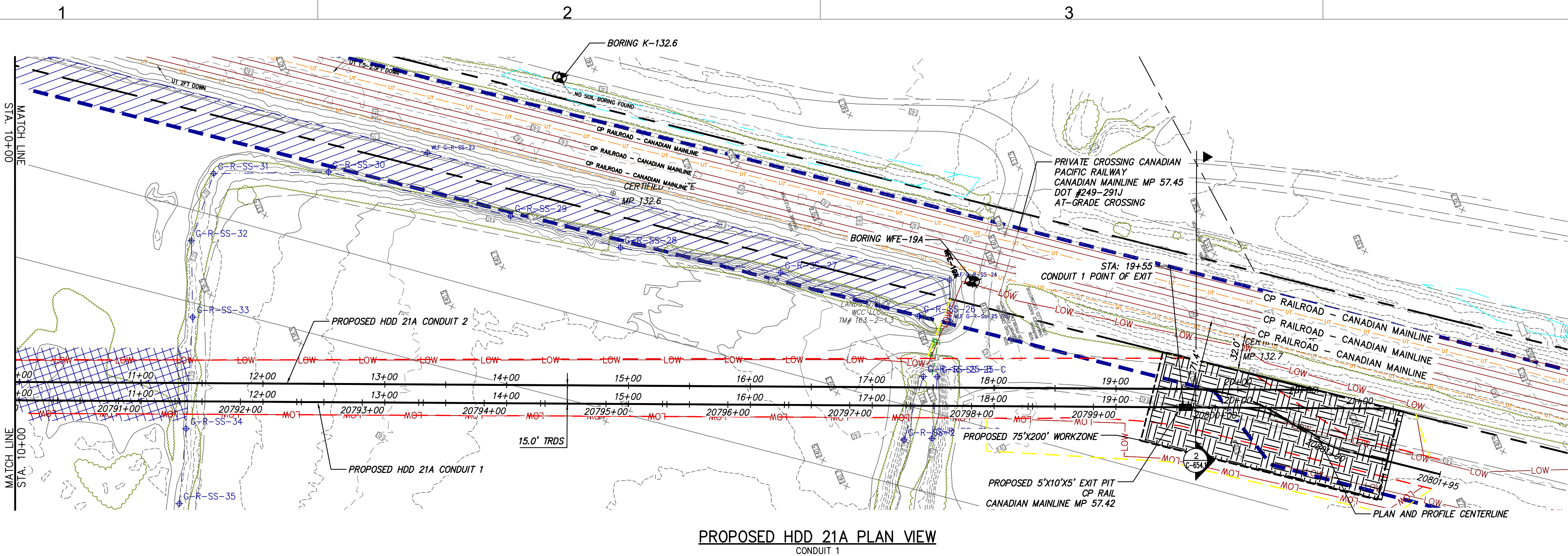
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PLAN AND PROFILE - HDD 21A, CONDUIT 1

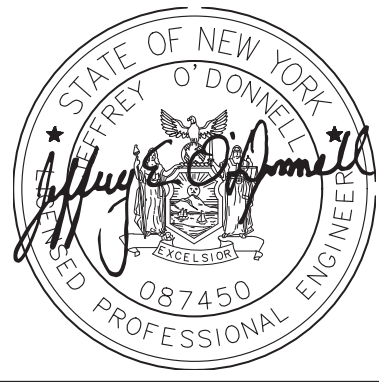
KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-317

DRAWN BY: ES DESIGNED BY: ES APPROVED BY: JEO SCALE AS NOTED DATE 03/22/2023

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Legend	
ASPHALT	Asphalt
Bedrock	Bedrock
Boulder	Boulder
CH	Fat CLAY
CH-MH	SILTY Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GC-GM	SILTY CLAYEY GRAVEL
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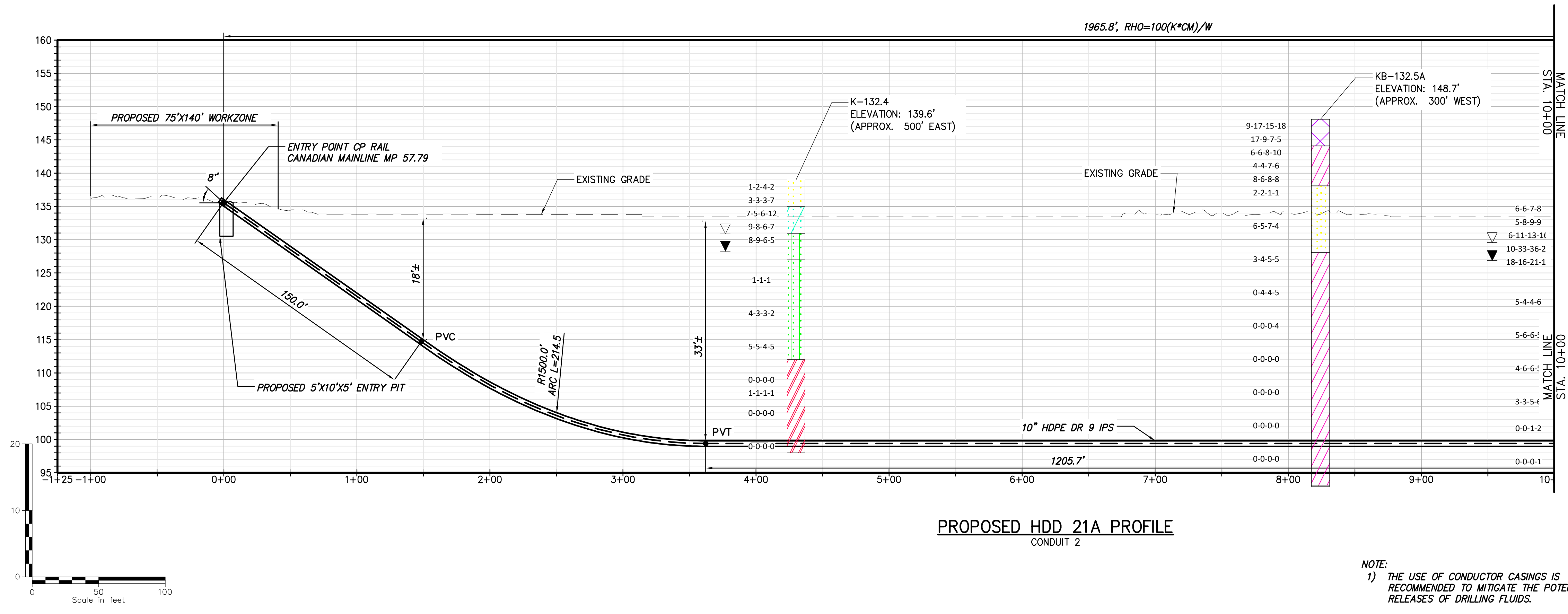
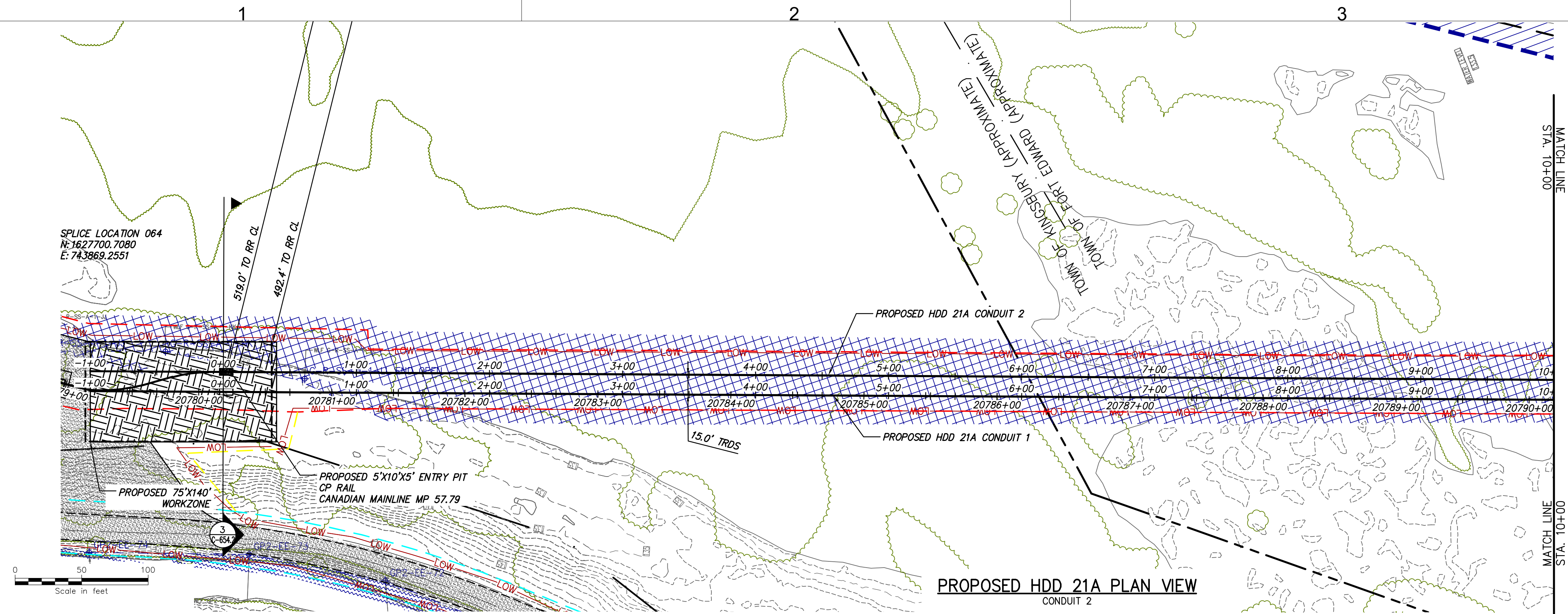
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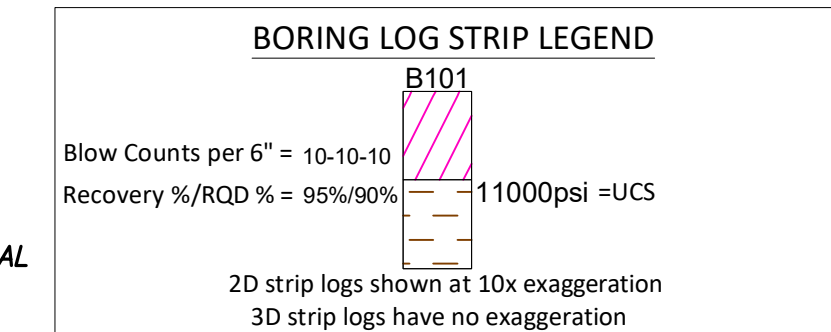
Legend		
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	Bedrock	Bedrock
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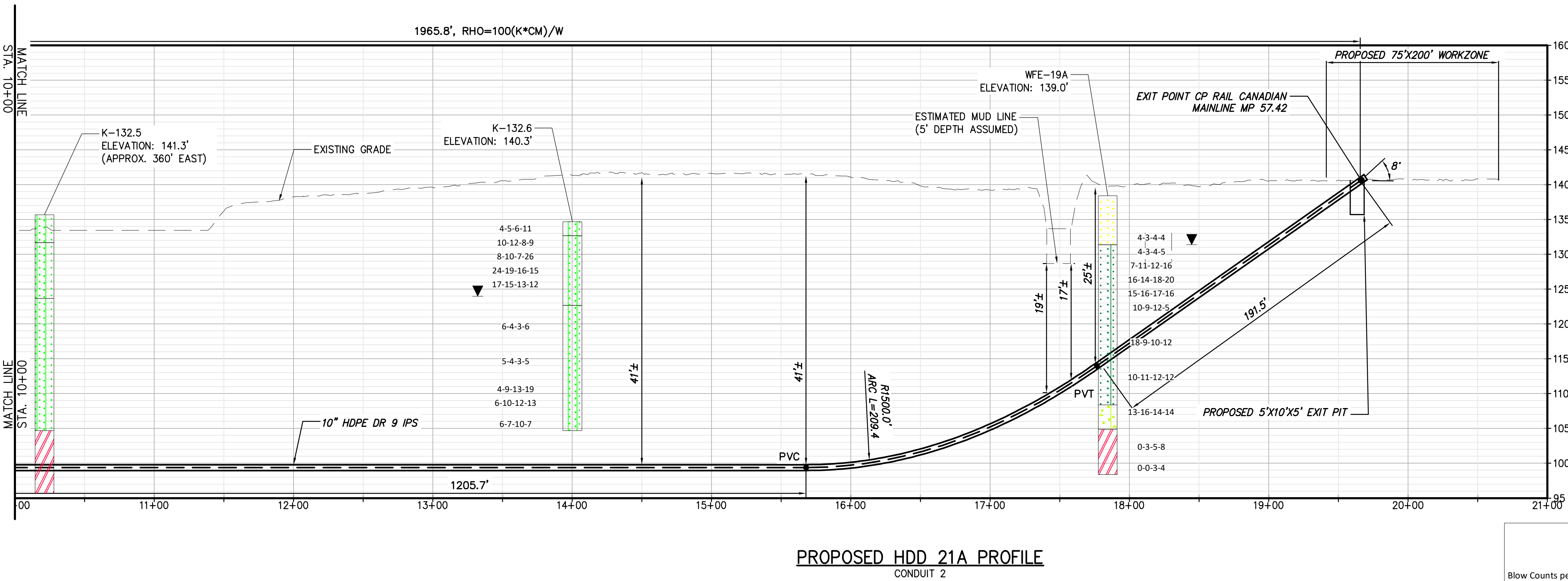
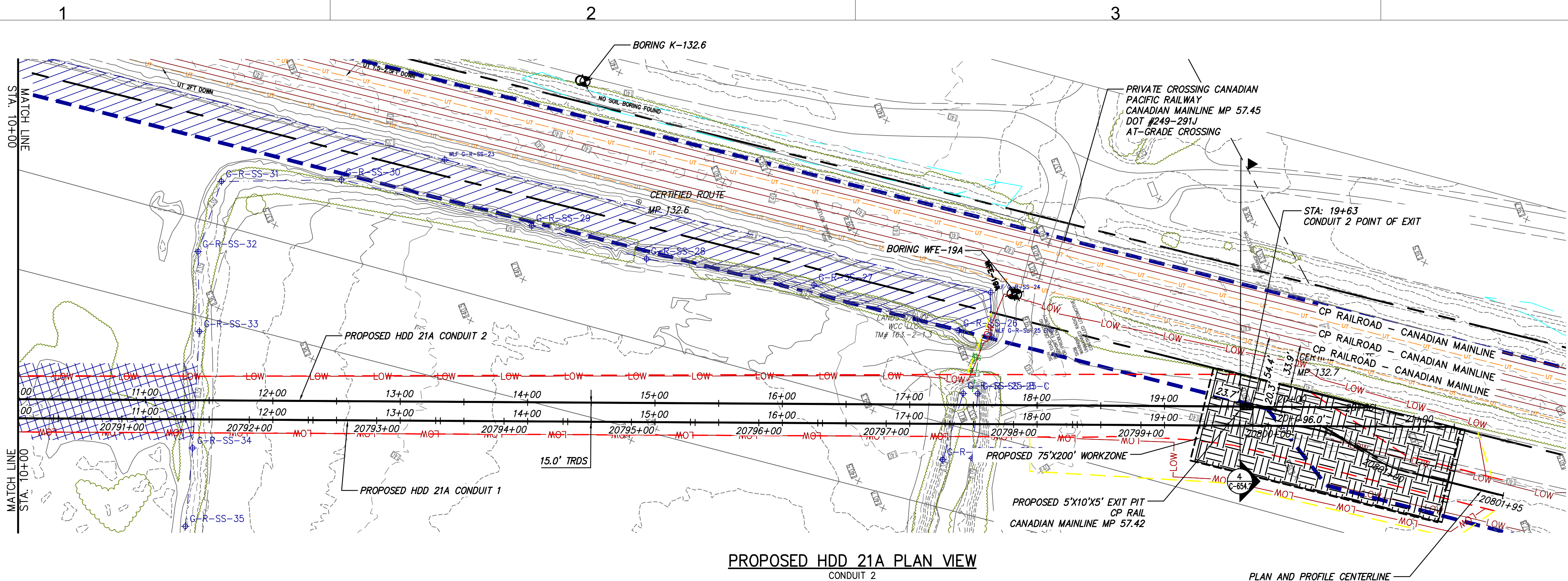


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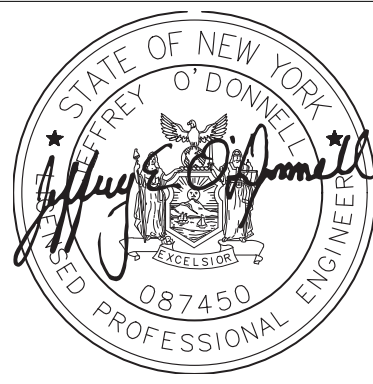
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Water	Water
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Water Table	Water Table during drilling
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
PLAN AND PROFILE - HDD 21A, CONDUIT 2

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File: V:\PROJECTS\ANY\6\066076\00\09_DESIGN\DRAWINGS\01_SHEETS\DESIGN PACKAGE 2\066076_P2 - C-400.DWG Saved: 10/6/2022 2:36:26 PM Plotted: 3/17/2023 8:50:34 AM Current User: McEnaney III, James LastSavedBy: 8329



EROSION AND SEDIMENT CONTROL PLAN KEY MAP
SCALE: 1" = 4000'



EROSION AND SEDIMENT CONTROL PLAN KEY MAP
SCALE: 1" = 4000'



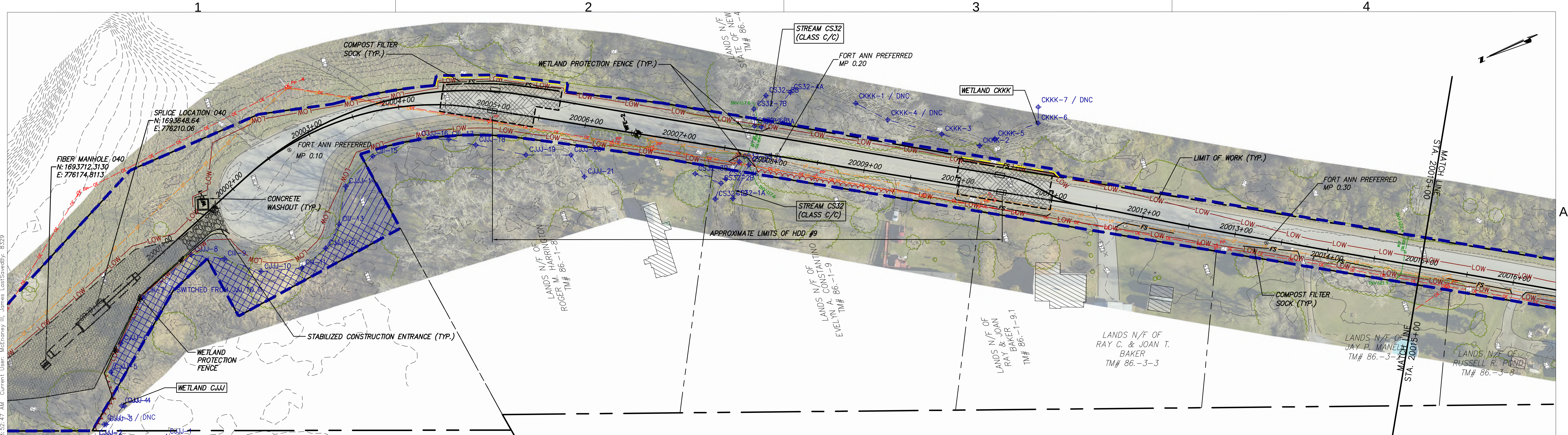
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE 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.

0	03/22/2023	ISSUED FOR CONSTRUCTION SUBMISSION	JJE	JPR	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

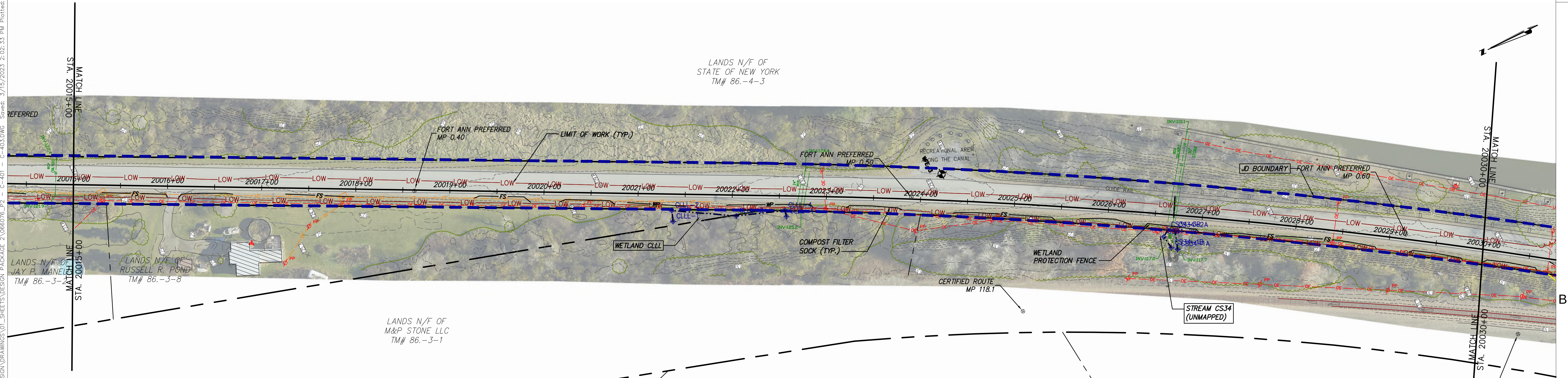
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
E&S KEYPLAN

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

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	066076
DRAWING NO.	C-400
DATE	03/22/2023



STA. 20000+00 TO STA. 20015+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20015+00 TO STA. 20030+00 PLAN VIEW
SCALE: 1" = 50'



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0	03/22/2023	ISSUED FOR CONSTRUCTION SUBMISSION	JJE	JPR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20000+00 TO STA. 20030+00 EROSION AND
SEDIMENT CONTROL PLAN

DRAWN BY: JJE

DESIGNED BY: JTM

APPROVED BY: JPR

SCALE: AS NOTED

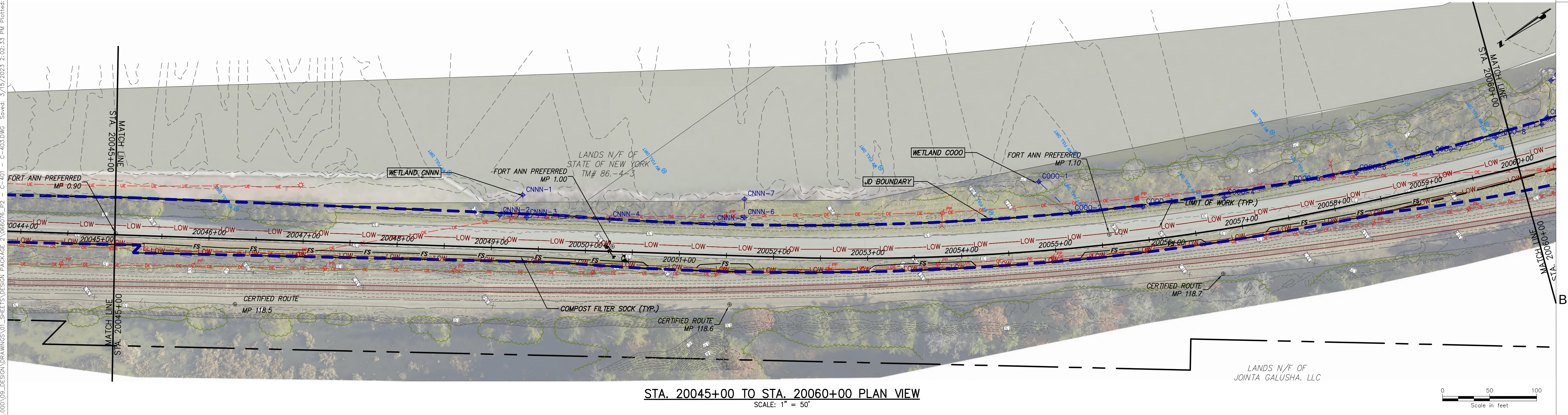
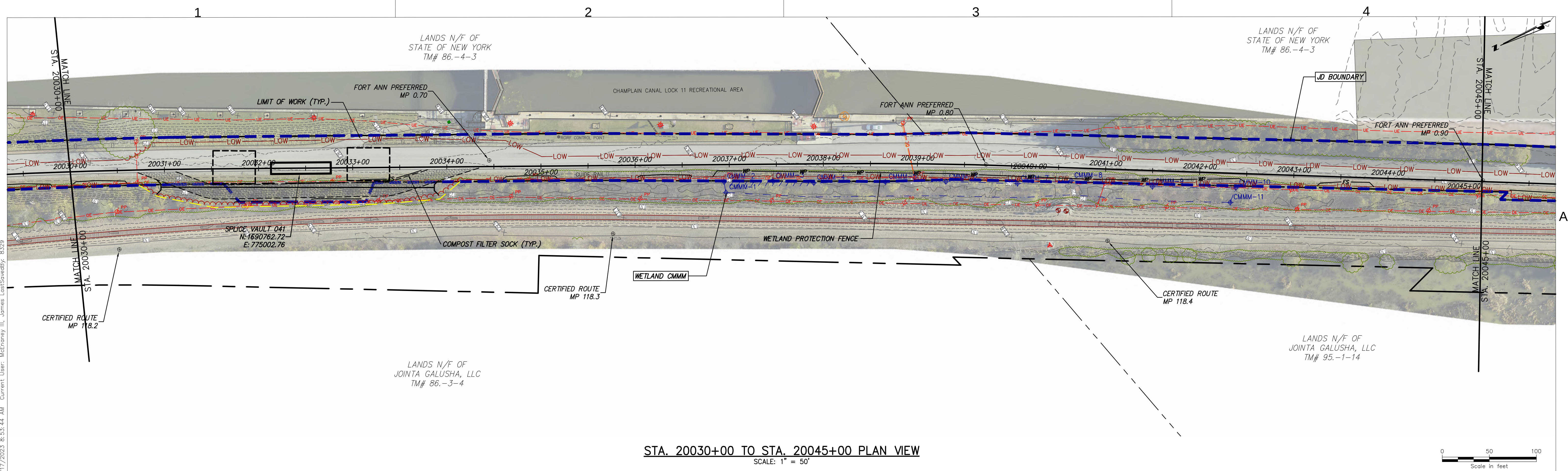
REV. NO. X

KIEWIT PROJECT NO.
21162

CHA PROJECT NO.
066076

DRAWING NO.
C-401

DATE
03/22/2023





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STATE OF NEW YORK
JOSEPH P. ROMANO
LICENSED PROFESSIONAL ENGINEER
061993

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0	03/22/2023	ISSUED FOR CONSTRUCTION SUBMISSION	JJE	JPR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20030+00 TO STA. 20060+00 EROSION AND
SEDIMENT CONTROL PLAN

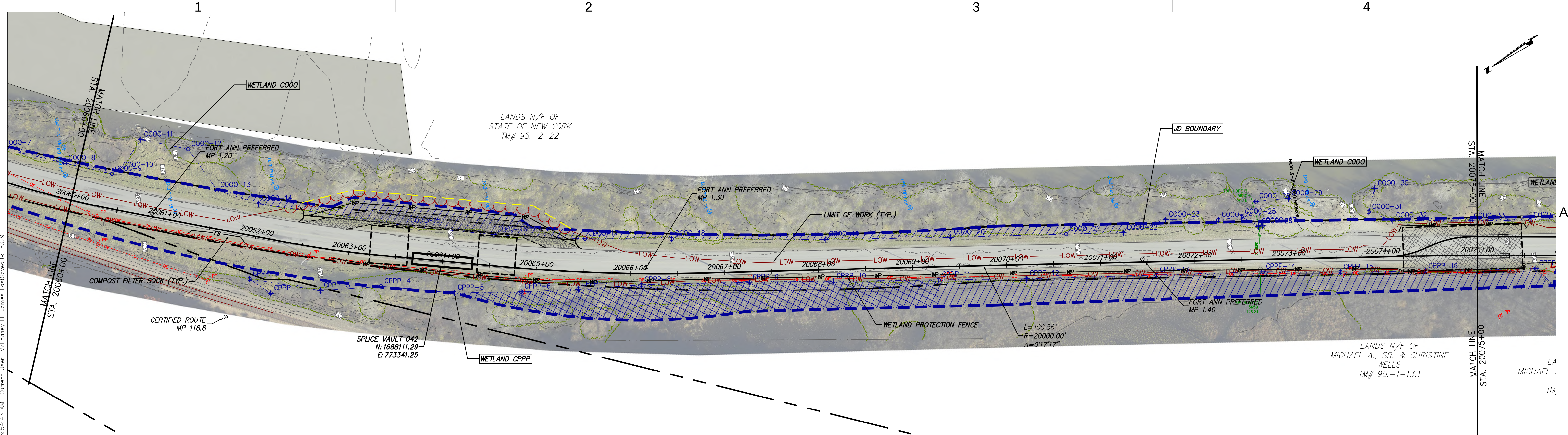
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SCALE AS NOTED
REV. NO. X

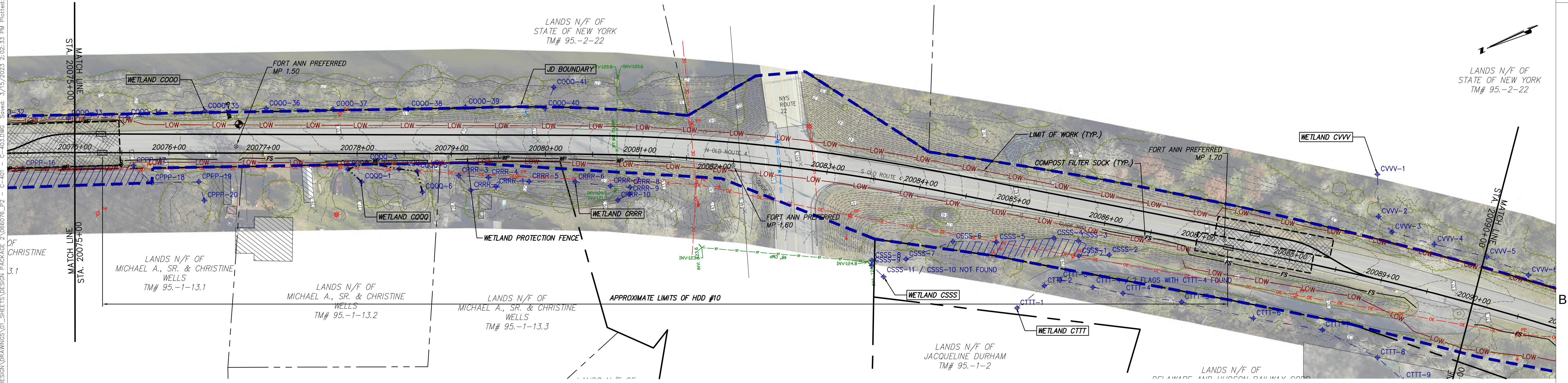
KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-402

DATE 03/22/2023

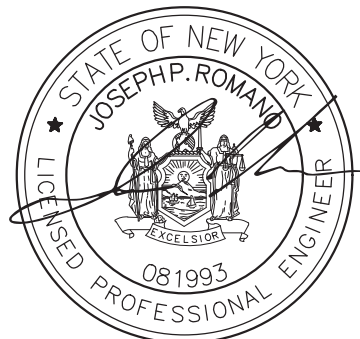
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STA. 20060+00 TO STA. 20075+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20075+00 TO STA. 20090+00 PLAN VIEW
SCALE: 1" = 50'



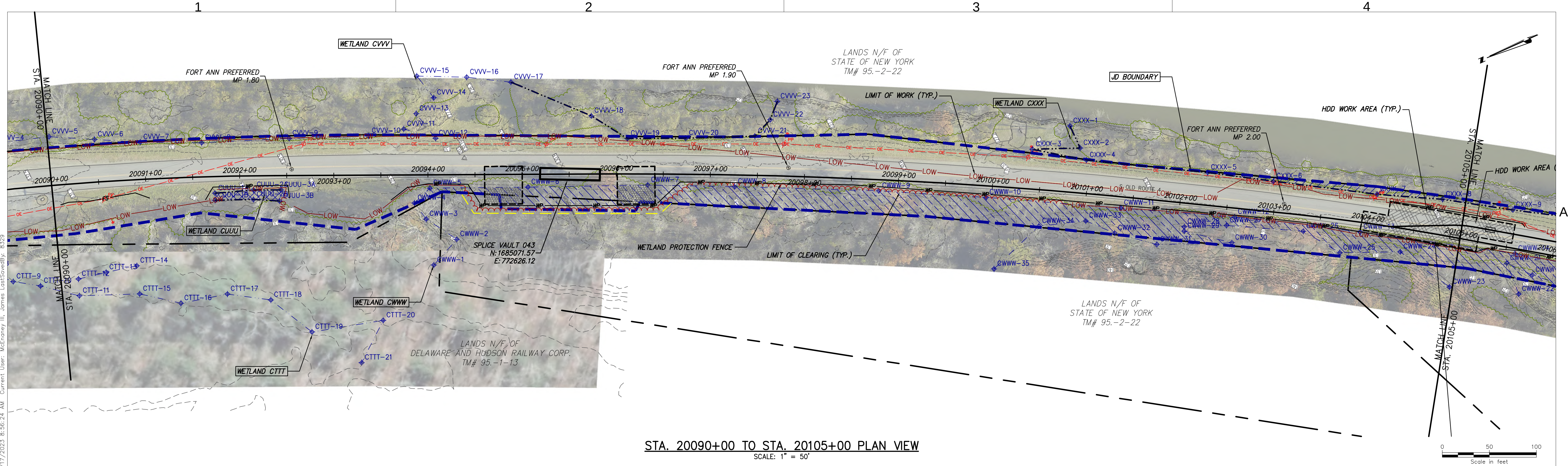
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP					

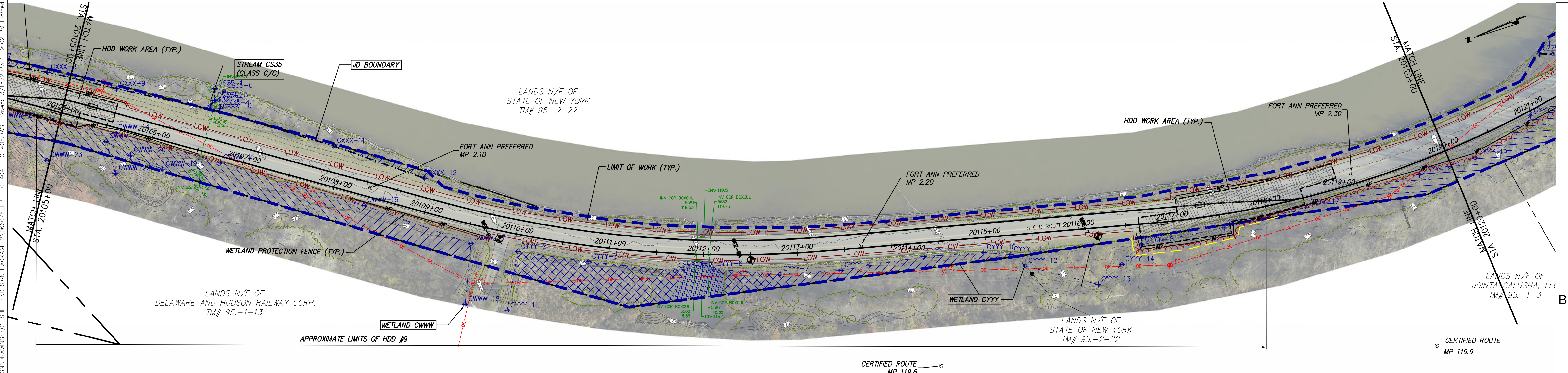
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20060+00 TO STA. 20090+00 EROSION AND
SEDIMENT CONTROL PLAN

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

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	066076
DRAWING NO.	C-403
DATE	03/22/2023



STA. 20090+00 TO STA. 20105+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20105+00 TO STA. 20120+00 PLAN VIEW
SCALE: 1" = 50'



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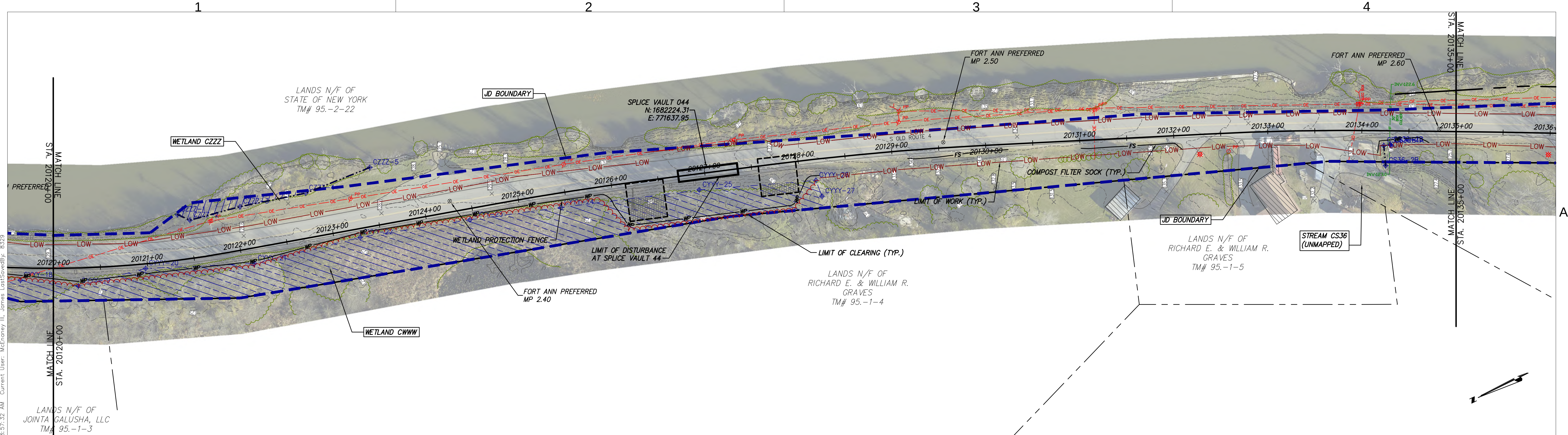
0	03/22/2023	ISSUED FOR CONSTRUCTION SUBMISSION	JJE	JPR
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20090+00 TO STA. 20120+00 EROSION AND SEDIMENT CONTROL PLAN

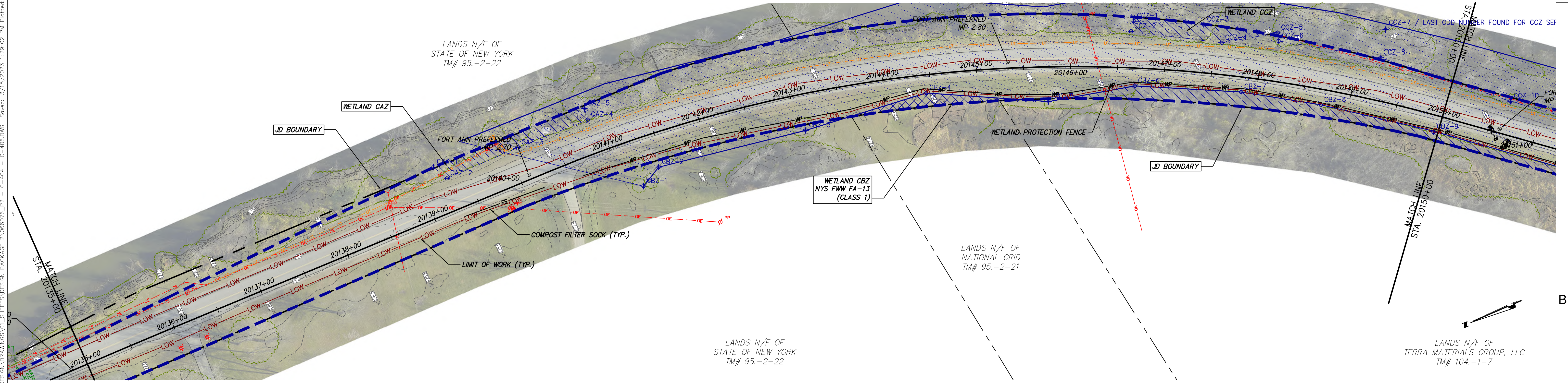
DRAWN BY:	JJE	DESIGNED BY:	JTM	APPROVED BY:	JPR	SCALE	AS NOTED
						REV. NO.	X

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-404

DATE	03/22/2023
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STA. 20120+00 TO STA. 20135+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20135+00 TO STA. 20150+00 PLAN VIEW
SCALE: H:1" = 50' V:1" = 10'



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JOSEPH P. ROMAN
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081993

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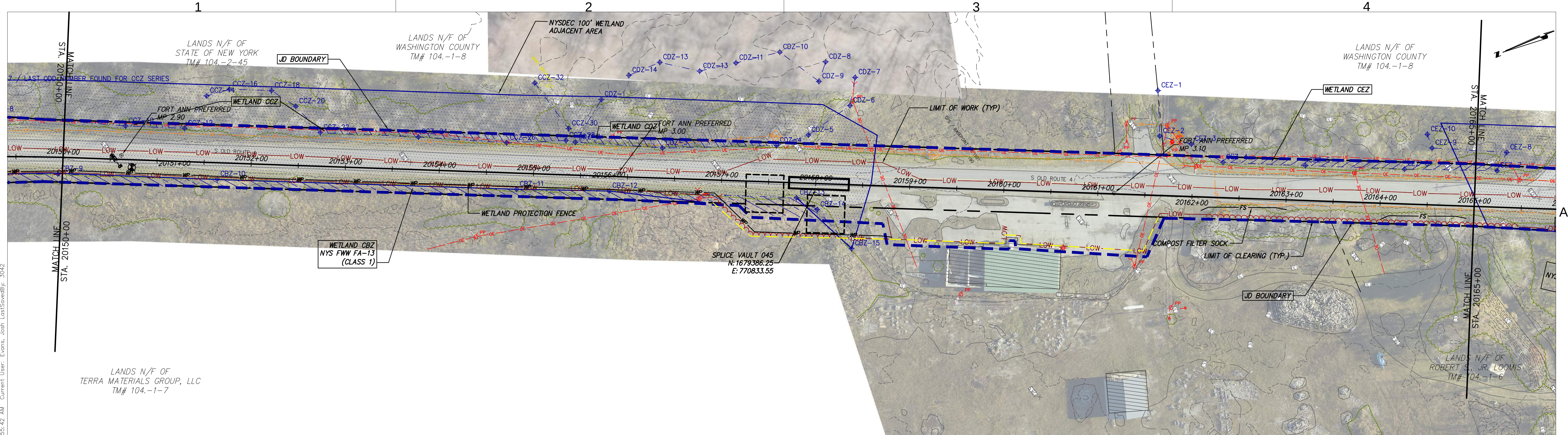
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20120+00 TO STA. 20150+00 EROSION AND
SEDIMENT CONTROL PLAN

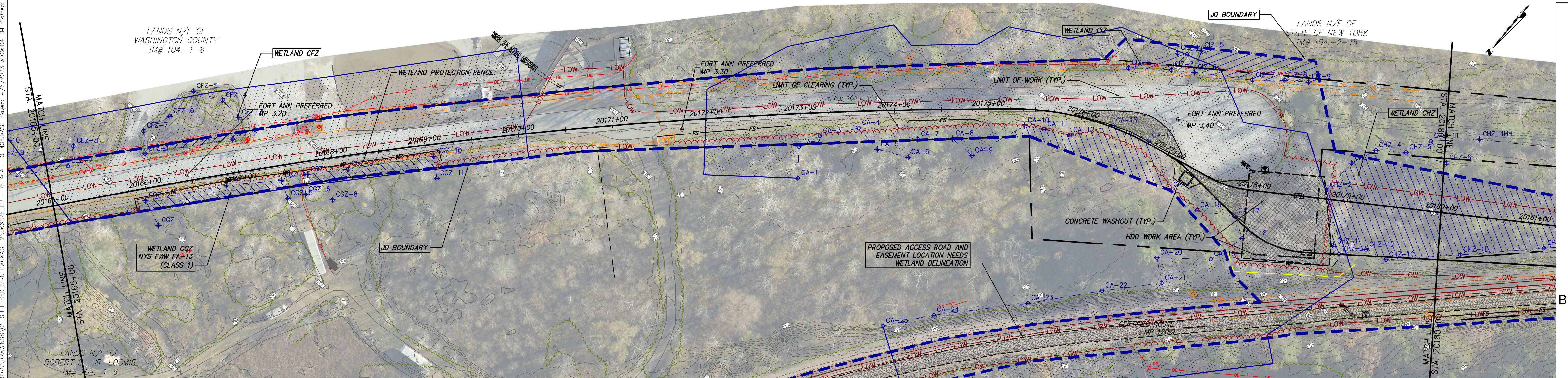
DRAWN BY: JJE DESIGNED BY: JTM APPROVED BY: JPR SCALE AS NOTED
REV. NO. X

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 086076
DRAWING NO. C-405

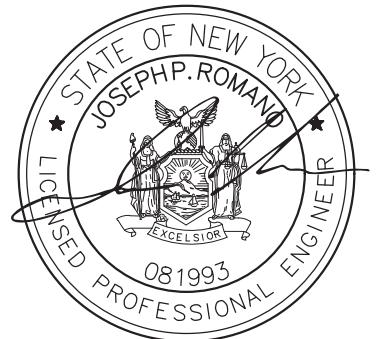
DATE 03/22/2023



STA. 20150+00 TO STA. 20165+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20165+00 TO STA. 20180+00 PLAN VIEW
SCALE: 1" = 50'



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0	03/22/2023	ISSUED FOR CONSTRUCTION SUBMISSION	JJE	JPR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20150+00 TO STA. 20180+00 EROSION AND
SEDIMENT CONTROL PLAN

DRAWN BY: JJE

DESIGNED BY: JTM

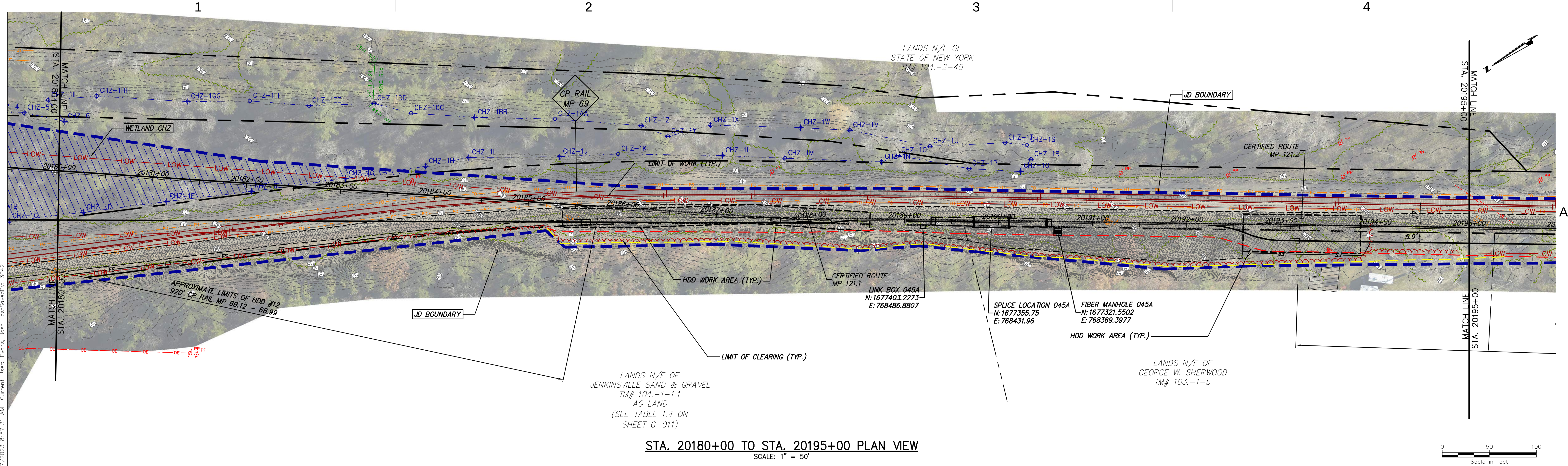
APPROVED BY: JPR

SCALE: AS NOTED

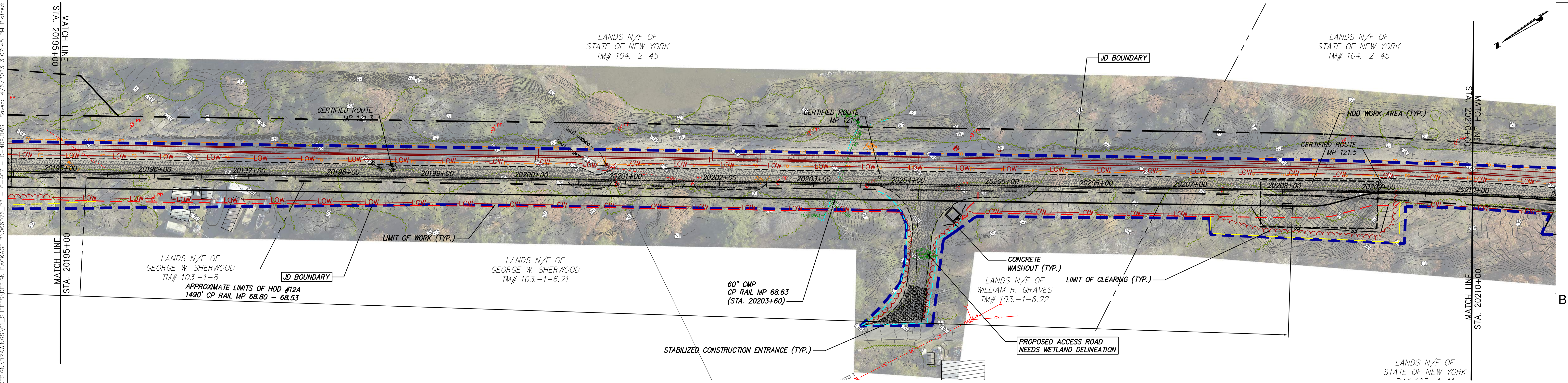
REV. NO. X

KIEWIT PROJECT NO. 21162
CHA PROJECT NO. 066076
DRAWING NO. C-406

DATE 03/22/2023



STA. 20180+00 TO STA. 20195+00 PLAN VIEW
SCALE: 1" = 50'



STA. 20195+00 TO STA. 20210+00 PLAN VIEW
SCALE: 1" = 50'



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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 3 - PACKAGE 2 - FORT ANN TO KINGSBURY
STA. 20180+00 TO STA. 20210+00 EROSION AND
SEDIMENT CONTROL PLAN

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

KIEWIT PROJECT NO.
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CHA PROJECT NO.
086076
DRAWING NO.
C-407

DATE
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