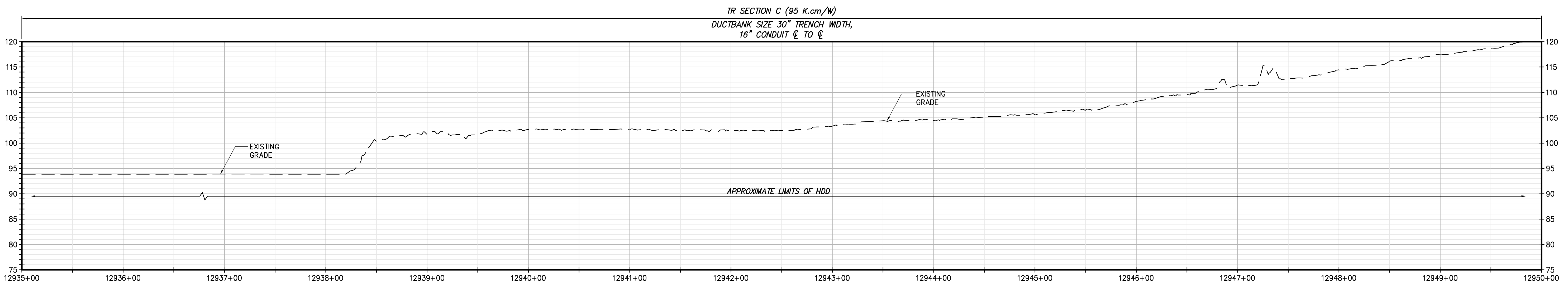
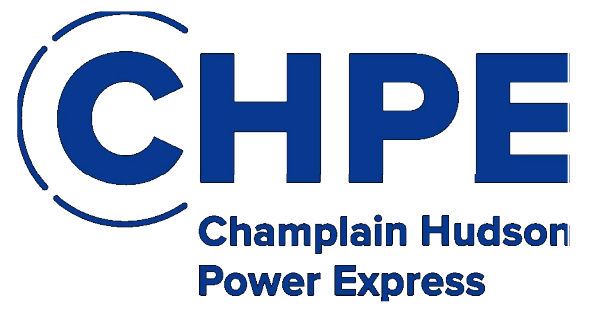


STA. 12935+00 TO STA. 12950+00 PLAN VIEW
SCALE: 1" = 50'



STA. 12935+00 TO STA. 12950+00 PLAN VIEW
SCALE: H:1" = 50' V:1" = 10'

File: V:\PROJECTS\ANY\6\066076\00\09_DESIGN\DRAWINGS\01_SHEETS\DESIGN PACKAGE\1B\066076_F1B - C-126 - C-130.DWG Saved: 4/15/2022 12:38:36 PM Plotted: 4/15/2022 1:20:03 PM Current User: Evans, Josh Last Saved By: 7899



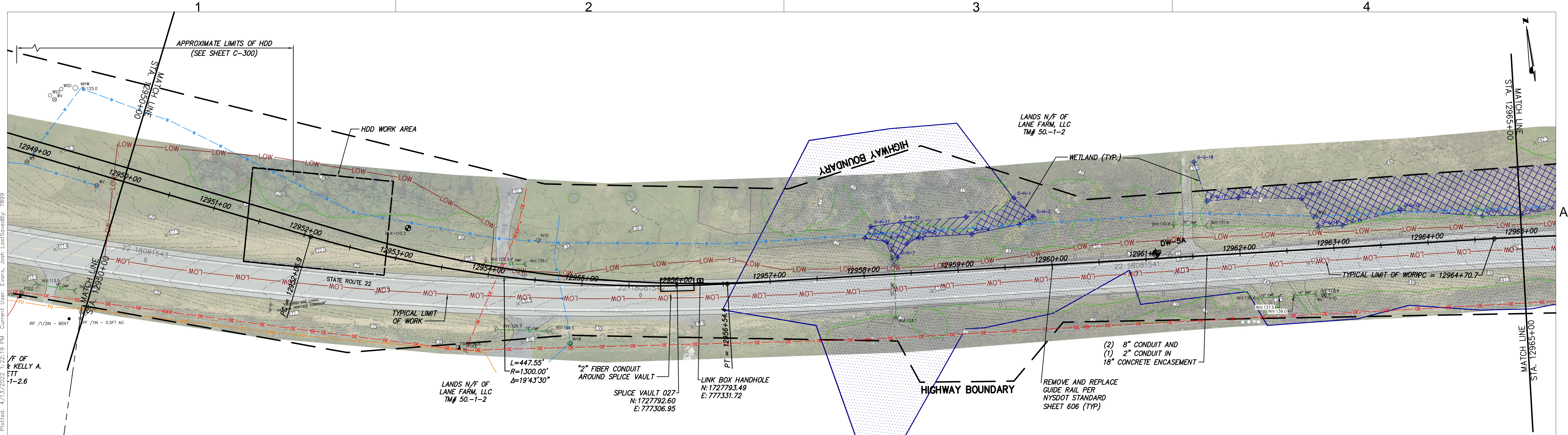
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE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

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

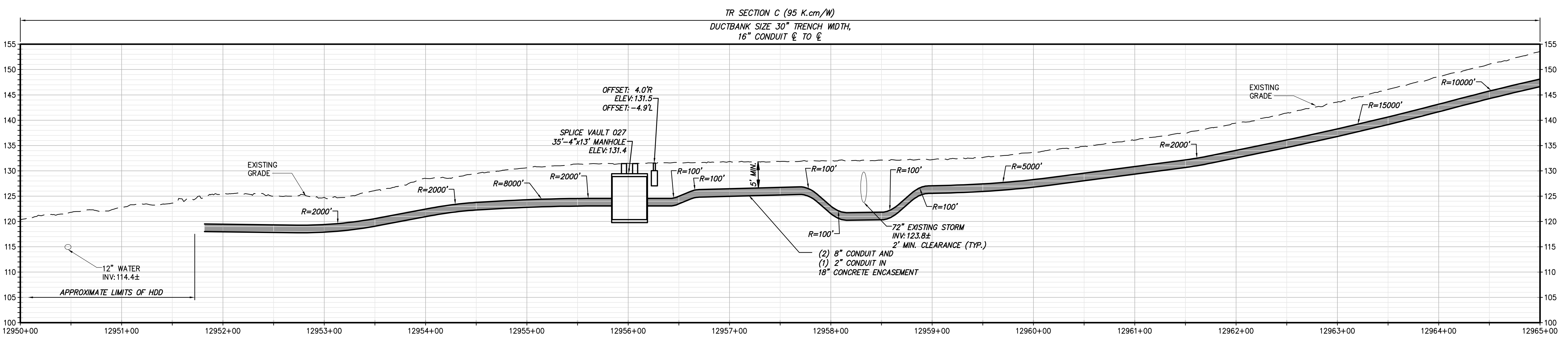
**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12935+00 TO STA. 12950+00 PLAN AND PROFILE**

DRAWN BY: JTM DESIGNED BY: JTM APPROVED BY: JPR SCALE AS NOTED DATE 04/15/2022
REV. NO. X SH.NO. XXX OF XXX

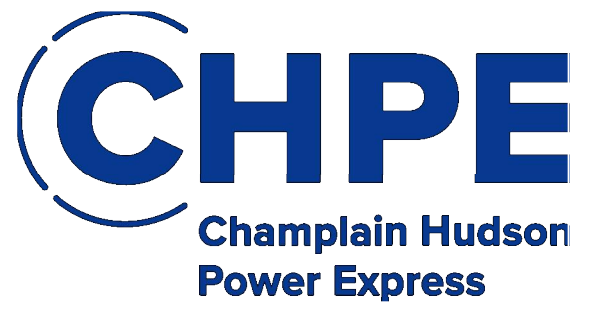
KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-130



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



STA. 12950+00 TO STA. 12965+00 PROFILE VIEW
SCALE: H: 1" = 50' V: 1" = 10'



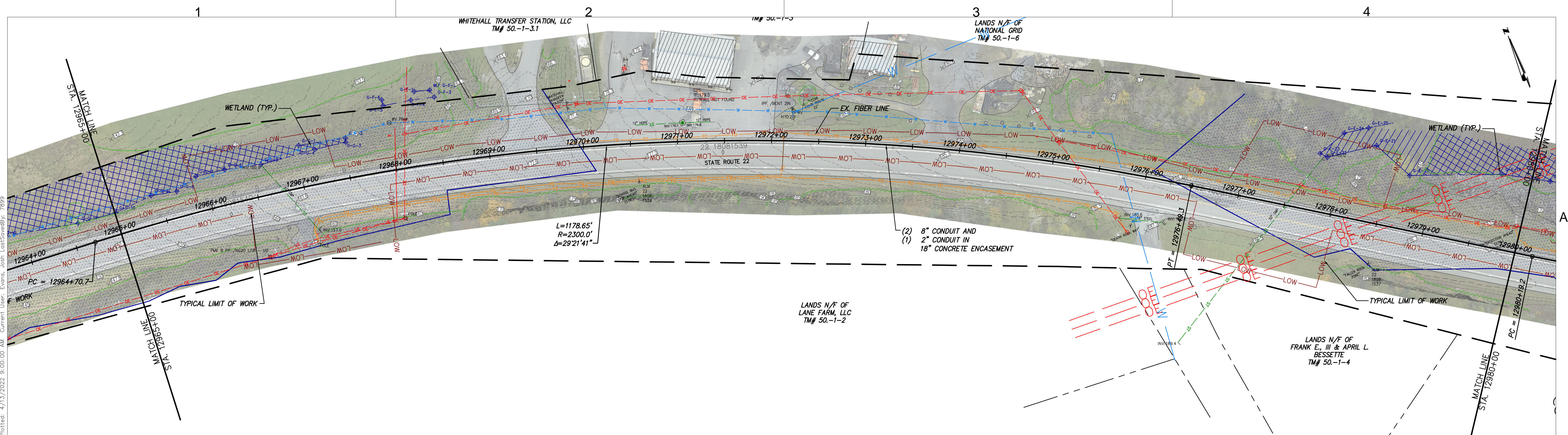
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE 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 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12950+00 TO STA. 12965+00 PLAN AND PROFILE

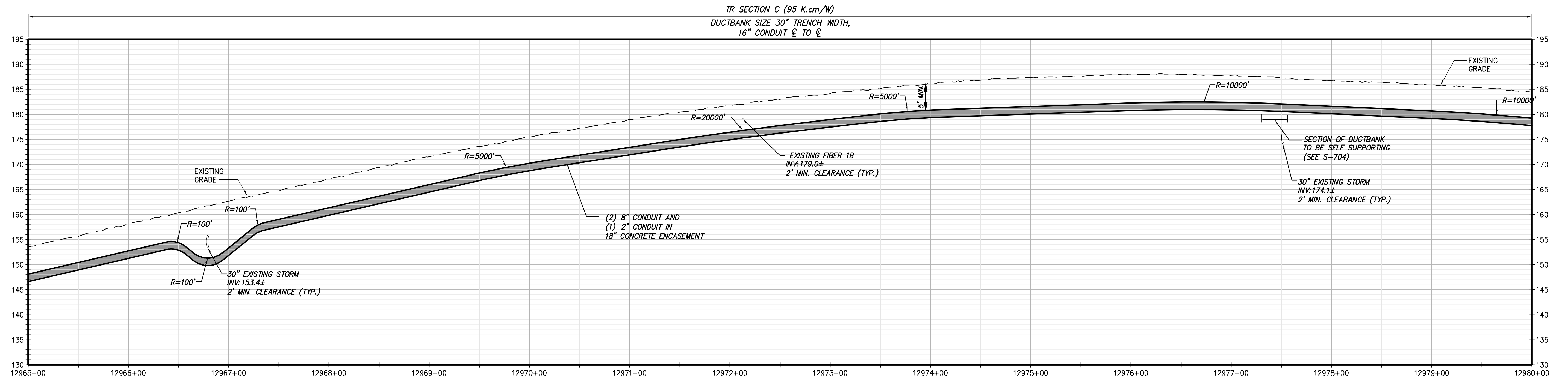
KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-131
DATE	04/15/2022
XXX OF XXX	

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY: JTM	DESIGNED BY: JTM	APPROVED BY: JPR	SCALE	AS NOTED	DATE
								REV. NO.	X	SH. NO.
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR						04/15/2022

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 Plotted: 4/15/2022 1:22:19 PM
 User: Evans, Josh
 Job: 66076-000



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



STA. 12965+00 TO STA. 12980+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.

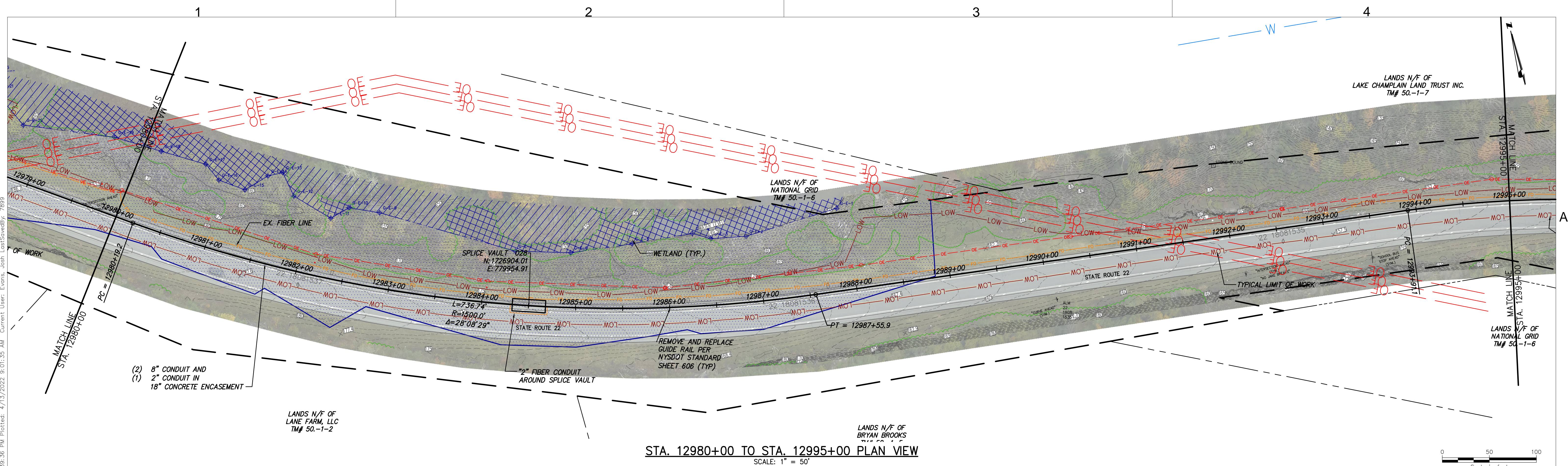
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12965+00 TO STA. 12980+00 PLAN AND PROFILE**

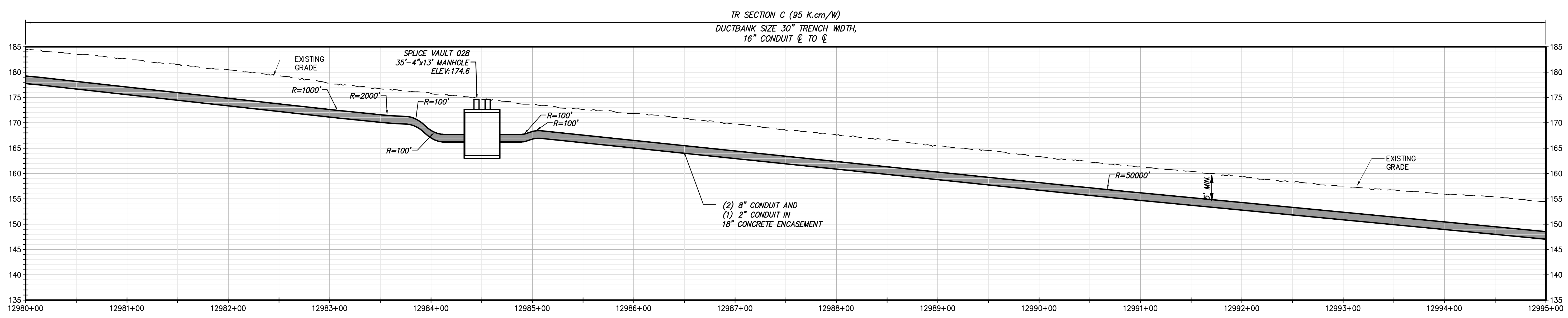
DRAWN BY: JTM DESIGNED BY: JTM APPROVED BY: JPR
SCALE: AS NOTED DATE: 04/15/2022
REV. NO. X SH. NO. XXX OF XXX

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-132

File: V:\PROJECTS\ANY\6\066076\00\09_DESIGN\DRAWINGS\01_SHEETS\DESIGN PACKAGE\18\066076_FIB - C-131 - C-135.DWG
 Saved: 4/15/2022 12:39:36 PM Plotted: 4/13/2022 9:00:00 AM Current User: Evans, Josh LastSavedBy: 7899



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



STA. 12980+00 TO STA. 12995+00 PROFILE VIEW
SCALE: H:1" = 50' V:1" = 10'



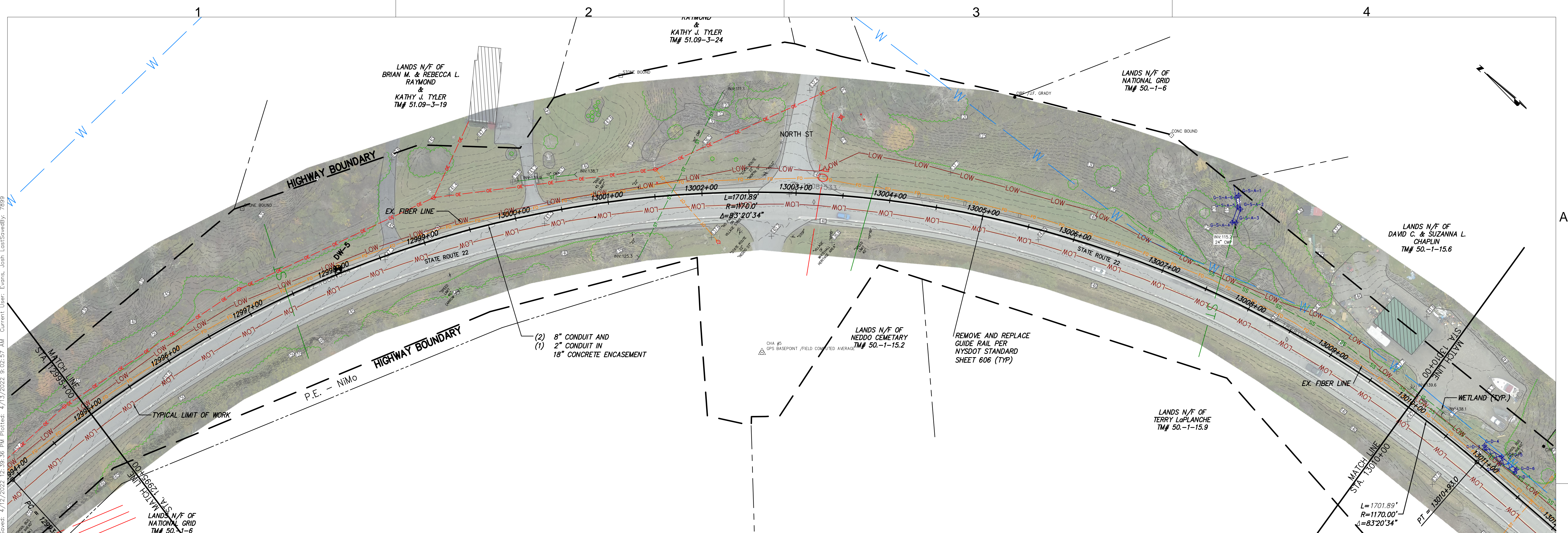
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE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

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

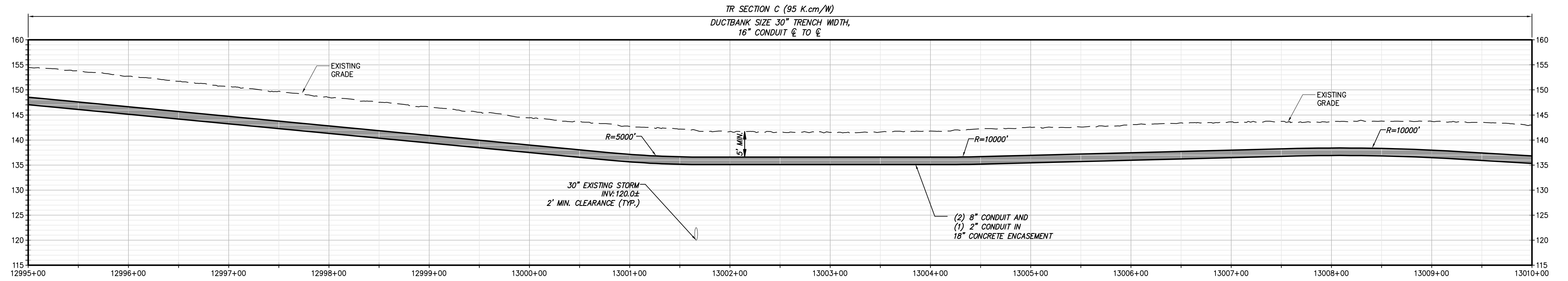
**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12980+00 TO STA. 12995+00 PLAN AND PROFILE**

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

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-133
DATE	04/15/2022
SH. NO.	XXX OF XXX



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



STA. 12995+00 TO STA. 13010+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.

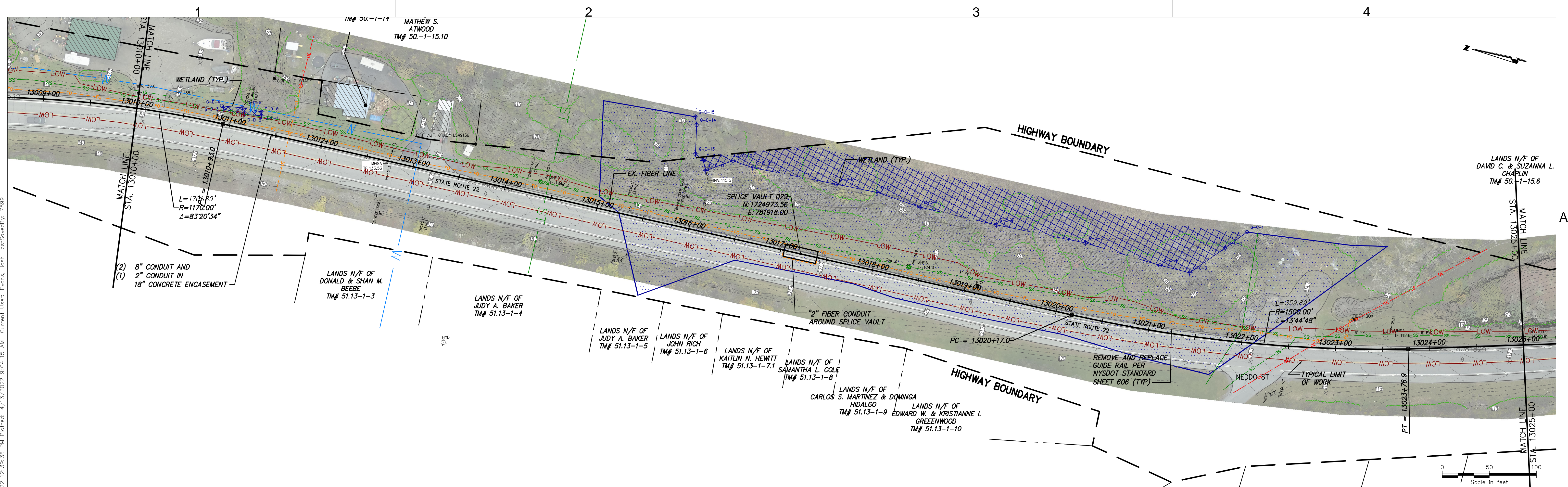
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 12995+00 TO STA. 13010+00 PLAN AND PROFILE**

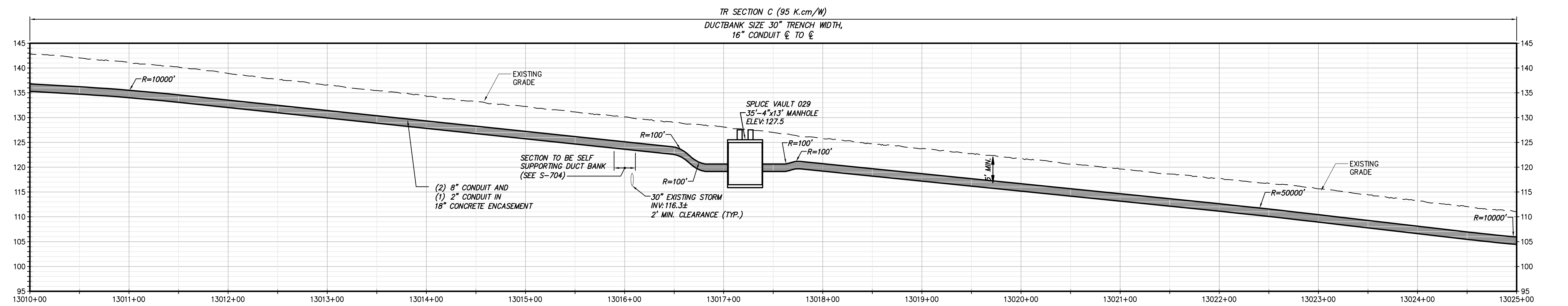
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REV. NO. X SH.NO. XXX OF XXX

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-134

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 Saved: 4/15/2022 12:39:36 PM Plotted: 4/15/2022 9:02:57 AM Current User: Evans, Josh LastSavedBy: 7899



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



STA. 13010+00 TO STA. 13025+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.

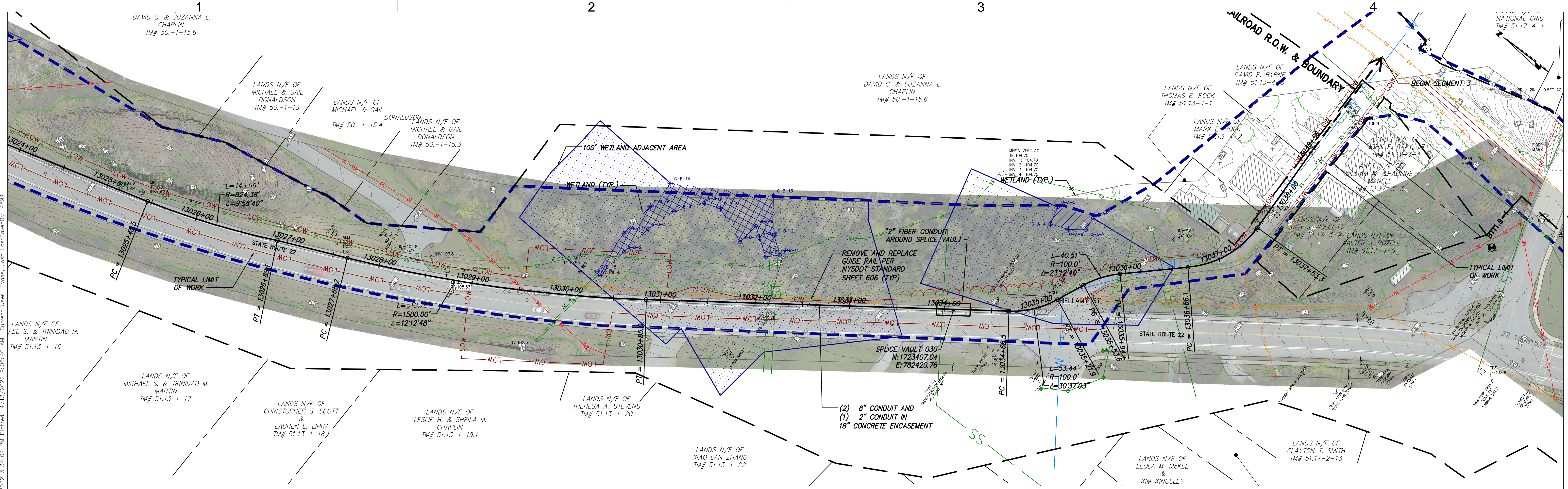
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 13010+00 TO STA. 13025+00 PLAN AND PROFILE**

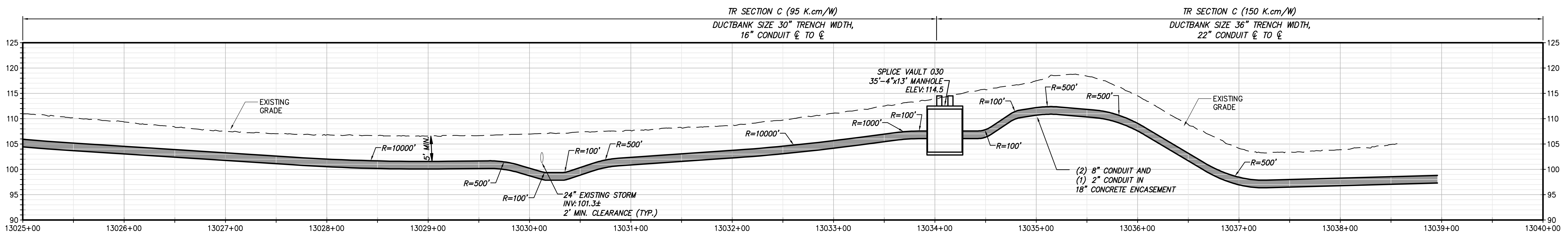
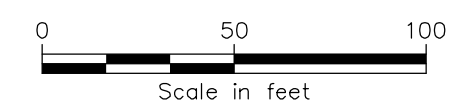
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REV. NO. X SH. NO. XXX OF XXX

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-135

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



STA. 13025+00 TO STA. 13040+00 PLAN 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.

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
STA. 13025+00 TO STA. 13040+00 PLAN AND PROFILE**

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-136
DATE	04/15/2022
SH.NO.	XXX OF XXX

DRAWN BY: JTM DESIGNED BY: JTM APPROVED BY: JPR SCALE AS NOTED DATE 04/15/2022
REV. NO. X SH.NO. XXX OF XXX



RYDER ROAD STAGING AND LAYDOWN AREA

- STAGING AND LAYDOWN AREA NOTES:**
1. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION OF THE LAYDOWN AREA.
 2. FOR CONSTRUCTION OF THE LAYDOWN AREA, CONTRACTOR TO INSTALL FABRIC AND STONE DIRECTLY ON EXISTING GRADE.
 3. LAYDOWN AREA SHALL NOT BE CONSTRUCTED WITHIN WETLAND AREAS.
 4. FUELING OPERATIONS SHALL NOT TAKE PLACE WITHIN 100 FEET OF ANY KNOWN WETLAND OR STREAM OR WITHIN 200 FEET OF ANY POTABLE WATER SOURCE.
 5. AT THE COMPLETING OF CONSTRUCTION, CONTRACTOR TO REMOVE STONE, FABRIC AND RESTORE TO EXISTING CONDITIONS IN ACCORDANCE WITH THE RESTORATION SECTION FOR AGRICULTURAL LANDS AS IDENTIFIED WITHIN THE EM&CP.

RYDER ROAD STAGING AND LAYDOWN AREA
SCALE: 1" = 40'

File: V:\PROJECTS\NY\066076\000\09_Design\Drawings\01_SHEETS\DESIGN PACKAGE\1B\066076_F1B_C-201.DWG Saved: 4/7/2022 11:37:37 PM Plotted: 4/13/2022 9:07:35 AM Current User: Evans, Josh Last Saved By: 3042



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

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
RYDER ROAD STAGING AND LAYDOWN AREA
(SOUTH)

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-201
DATE	04/15/2022
SH.NO.	XXX OF XXX

DRAWN BY: JTM DESIGNED BY: JTM APPROVED BY: JPR SCALE AS NOTED DATE 04/15/2022
REV. NO. X SH.NO. XXX OF XXX



- STAGING AND LAYDOWN AREA NOTES:**
1. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION OF THE LAYDOWN AREA.
 2. FOR CONSTRUCTION OF THE LAYDOWN AREA, CONTRACTOR TO INSTALL FABRIC AND STONE DIRECTLY ON EXISTING GRADE.
 3. LAYDOWN AREA SHALL NOT BE CONSTRUCTED WITHIN WETLAND AREAS.
 4. FUELING OPERATIONS SHALL NOT TAKE PLACE WITHIN 100 FEET OF ANY KNOWN WETLAND OR STREAM OR WITHIN 200 FEET OF ANY POTABLE WATER SOURCE.
 5. AT THE COMPLETING OF CONSTRUCTION, CONTRACTOR TO REMOVE STONE, FABRIC AND RESTORE TO EXISTING CONDITIONS IN ACCORDANCE WITH THE RESTORATION SECTION FOR AGRICULTURAL LANDS AS IDENTIFIED WITHIN THE EM&CP.

RYDER ROAD STAGING AND LAYDOWN AREA (NORTH)
SCALE: 1" = 40'



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

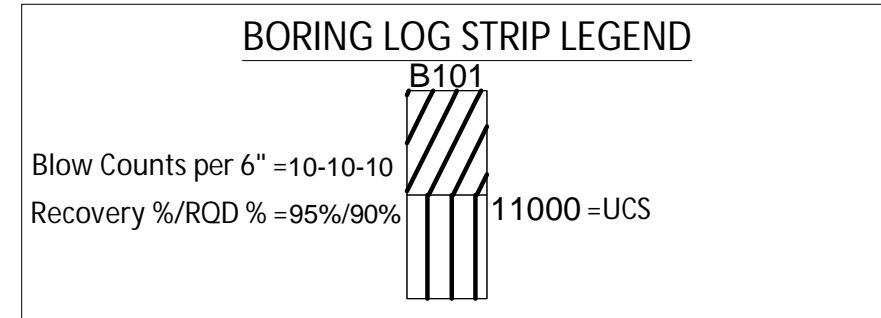
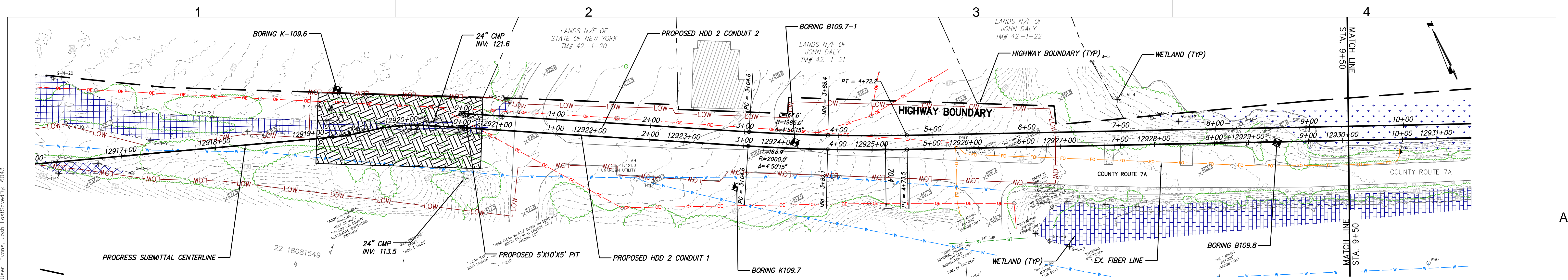
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

**CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
RYDER ROAD STAGING AND LAYDOWN AREA
(NORTH)**

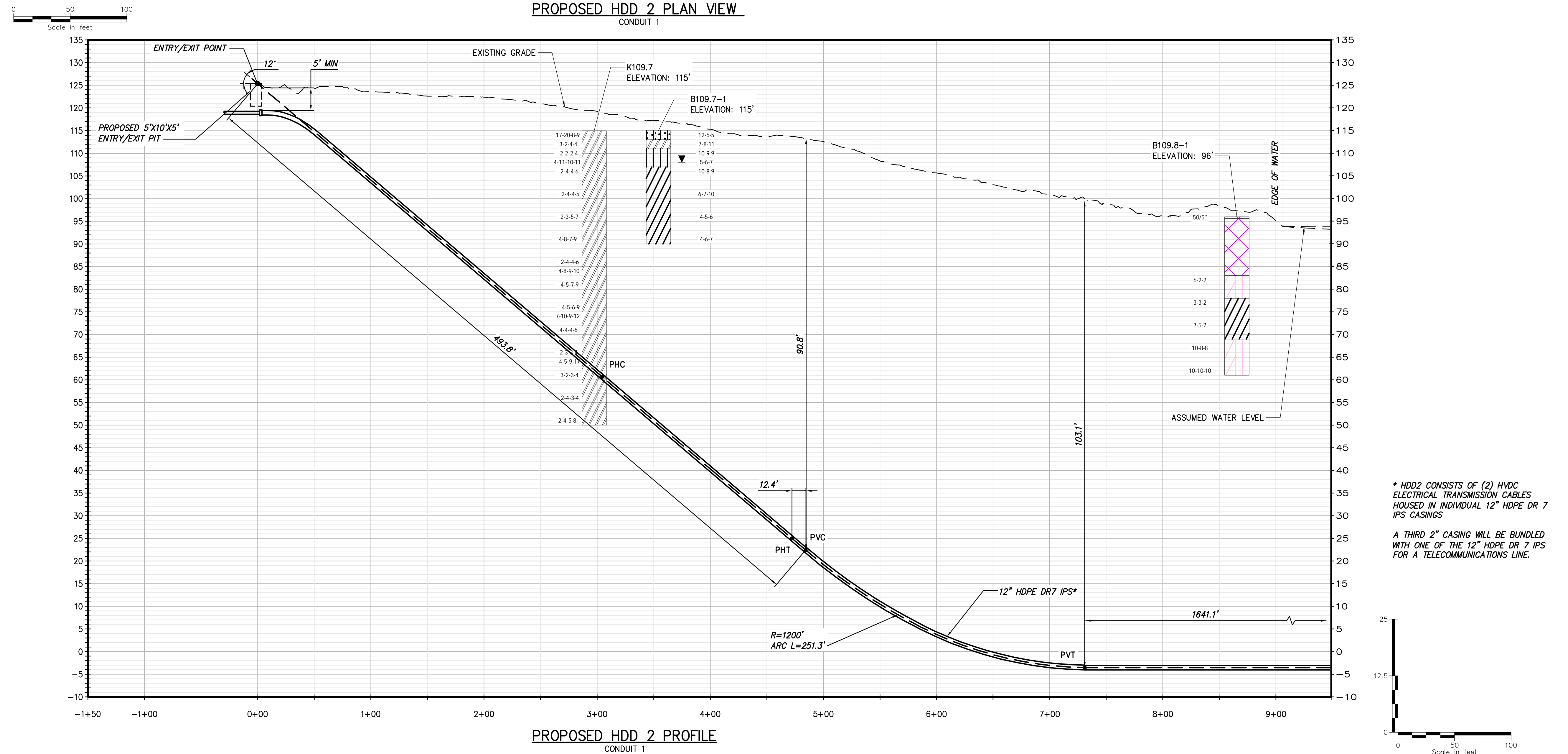
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REV. NO. X SH.NO. XXX OF XXX

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-202

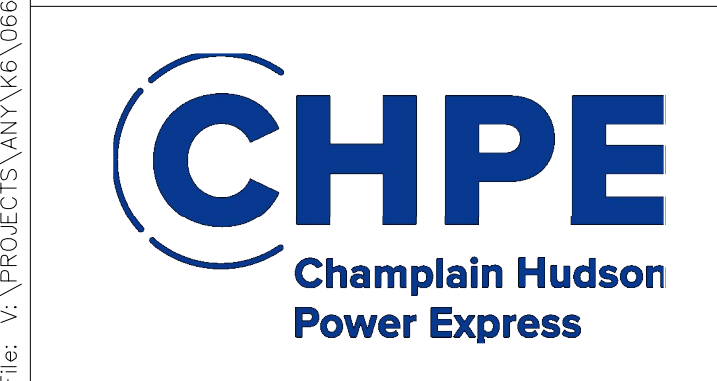
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Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



* HDD2 CONSISTS OF (2) HVDC ELECTRICAL TRANSMISSION CABLES HOUSED IN INDIVIDUAL 12" HDPE DR 7 IPS CASINGS
 A THIRD 2" CASING WILL BE BUNDLED WITH ONE OF THE 12" HDPE DR 7 IPS FOR A TELECOMMUNICATIONS LINE.



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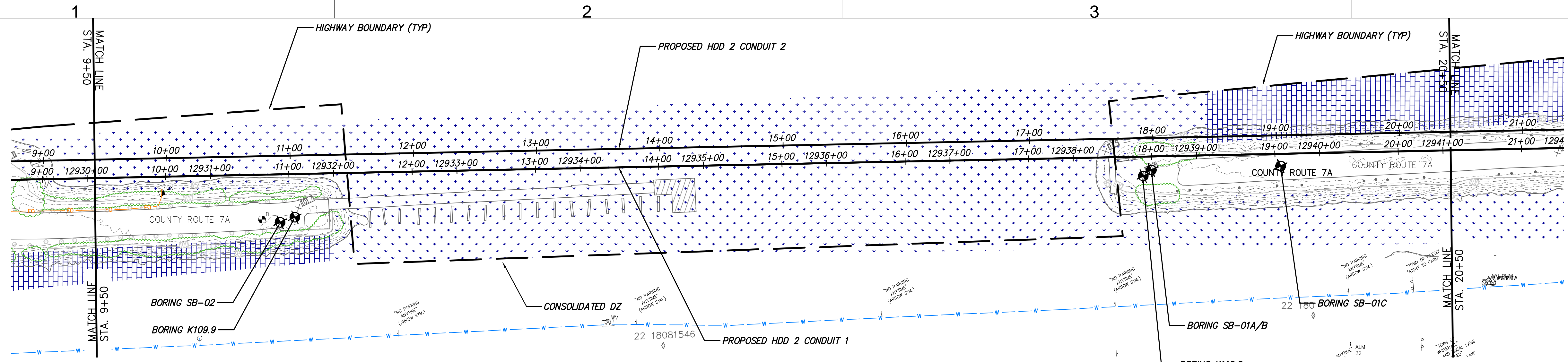
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

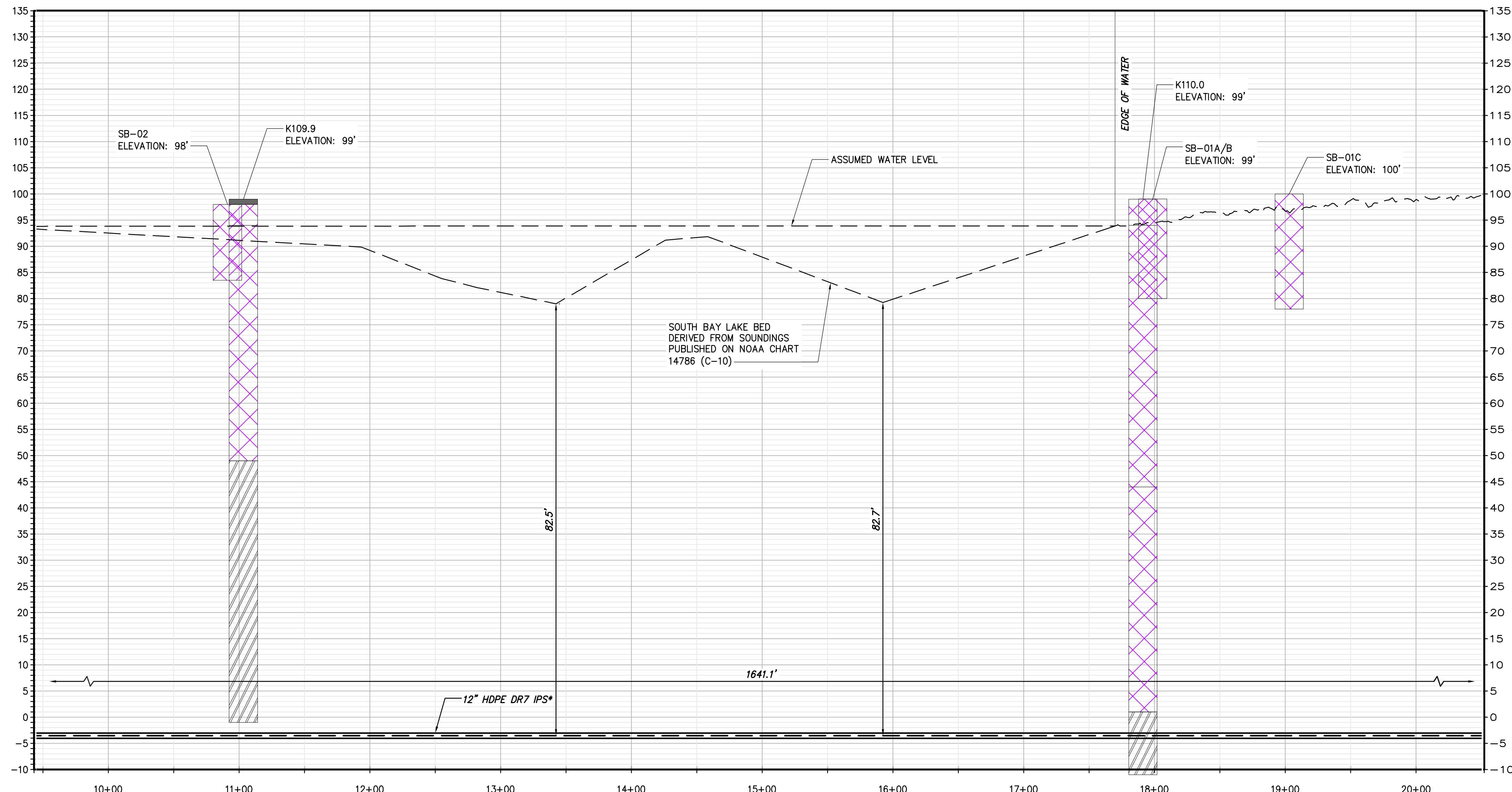
KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-301
DATE	04/15/2022
SH.NO.	XXX OF XXX

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PROPOSED HDD 2 PLAN VIEW
CONDUIT 1



PROPOSED HDD 2 PROFILE
CONDUIT 1

BORING LOG STRIP LEGEND

	B101
Blow Counts per 6" = 10-10-10	
Recovery %/ROD % = 95%/90%	
	11000 = UCS

Legend

	ASPHALT	Asphalt
	CH	Fat CLAY
	CL	Lean CLAY
	CL-ML	SILTY CLAY
	CONCRETE	Concrete
	FILL	Fill
	GC	CLAYEY GRAVEL
	GM	SILTY GRAVEL
	Gneiss	Undefined
	GP	Poorly Graded GRAVEL
	GW	Well Graded GRAVEL
	ML	SILT
	OL	ORGANIC Lean CLAY
	OL/OH	ORGANIC SDIL
	Rock	Undefined
	Sandstone	Sandstone
	SC	CLAYEY SAND
	SC-SM	SILT, CLAYEY SAND
	SHALE	Shale
	SM	SILTY SAND
	SP	Poorly Graded SAND
	SP-SM	Poorly Graded SAND with SILT
	Sw	Well graded SAND
	Topsoil	Topsoil
	USGS 708	Gneiss
	USGS 718	Granite 1
	USGS 732	Quartz

* HDD2 CONSISTS OF (2) HVDC ELECTRICAL TRANSMISSION CABLES HOUSED IN INDIVIDUAL 12" HDPE DR 7 IPS CASINGS
A THIRD 2" CASING WILL BE BUNDLED WITH ONE OF THE 12" HDPE DR 7 IPS FOR A TELECOMMUNICATIONS LINE.



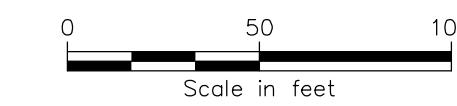
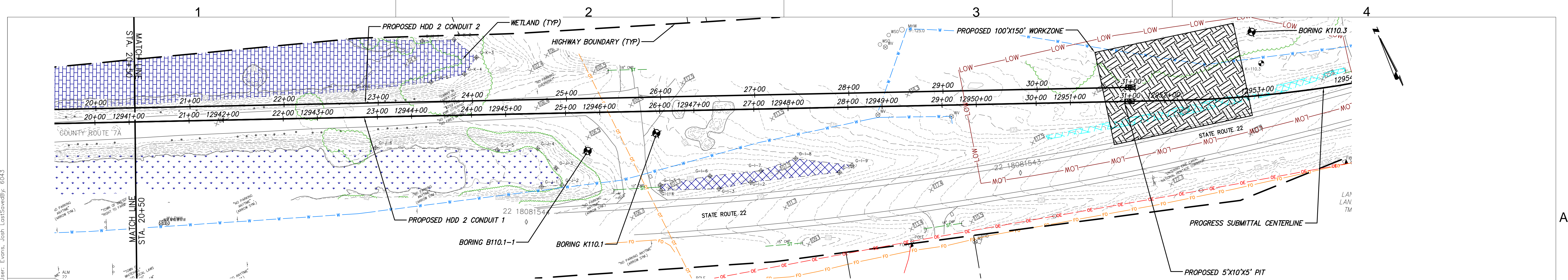
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
A	04/15/2022	EM&CP REGULATORY SUBMISSION	JM	JR

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-301.1
SCALE	AS NOTED
DATE	04/15/2022
SH.NO.	XXX OF XXX

DRAWN BY: MCS DESIGNED BY: MB APPROVED BY: JEO SCALE AS NOTED DATE 04/15/2022



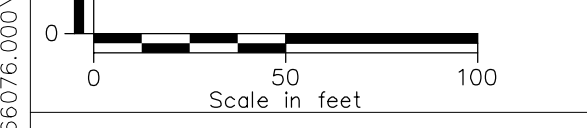
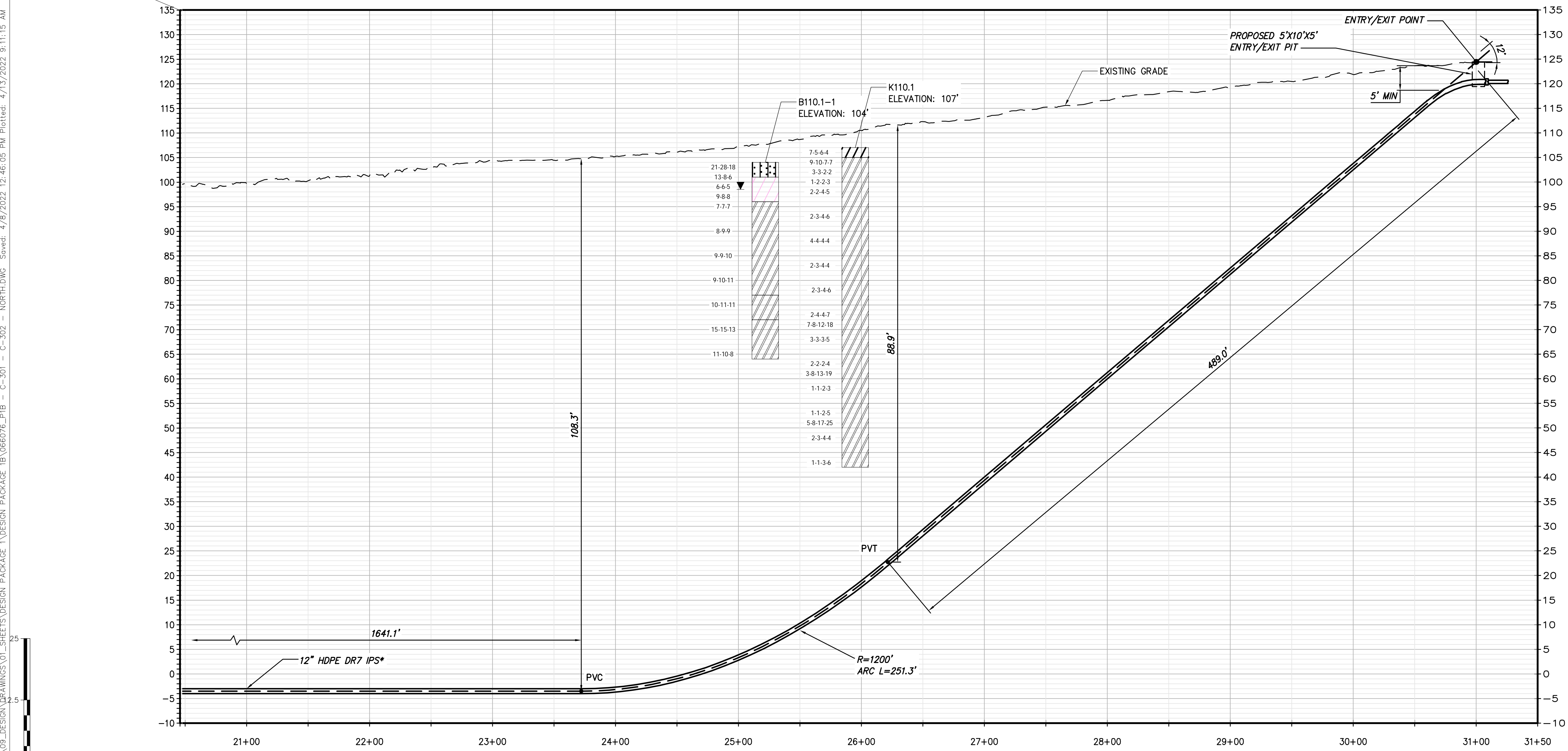
BORING LOG STRIP LEGEND

Blow Counts per 6" = 10-10-10
Recovery %/ROD % = 95%/90%

B101
11000 = UCS

Legend

ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
Sw	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 1

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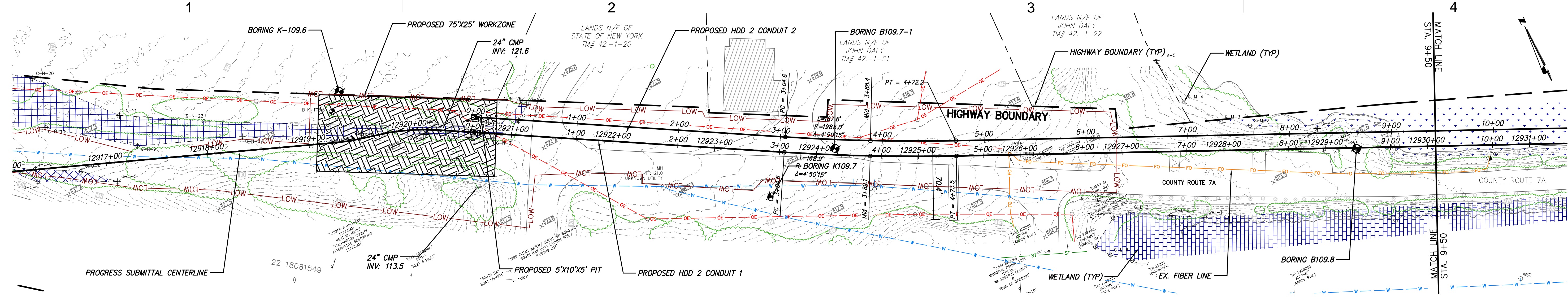
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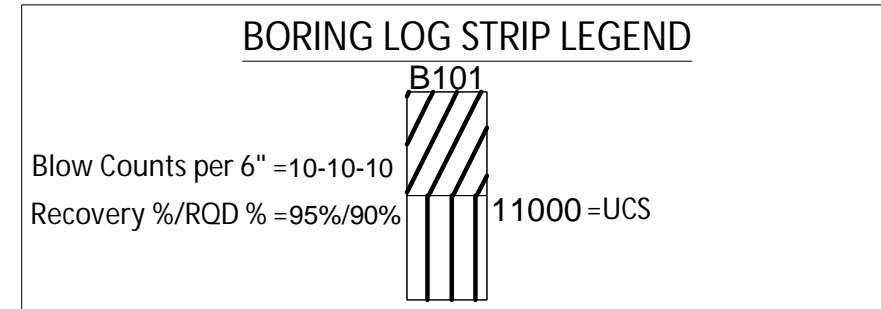
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-301.2
SCALE	AS NOTED
DATE	04/15/2022
SH.NO.	XXX OF XXX

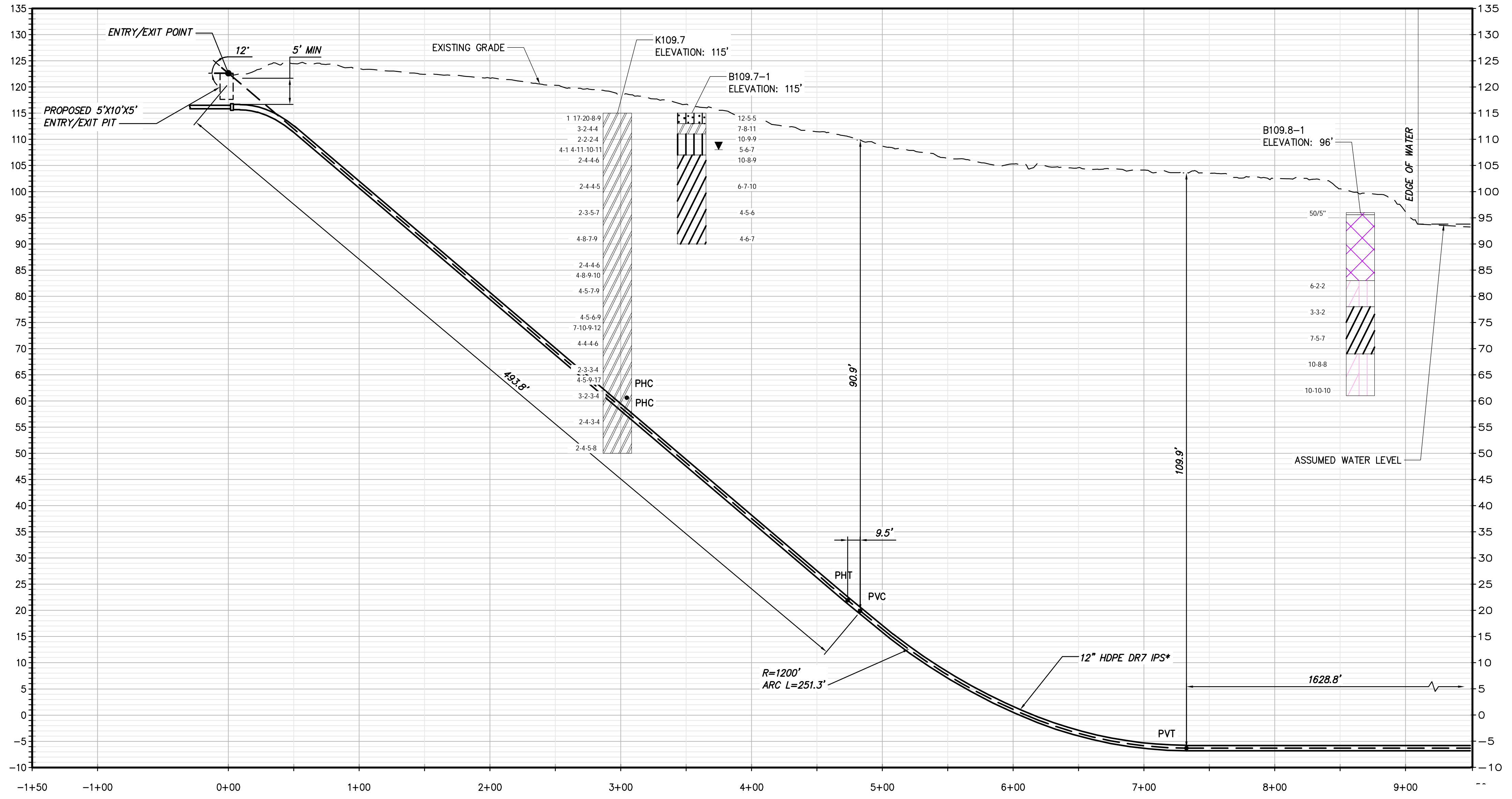
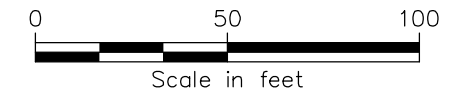
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PROPOSED HDD 2 PLAN VIEW
CONDUIT 1

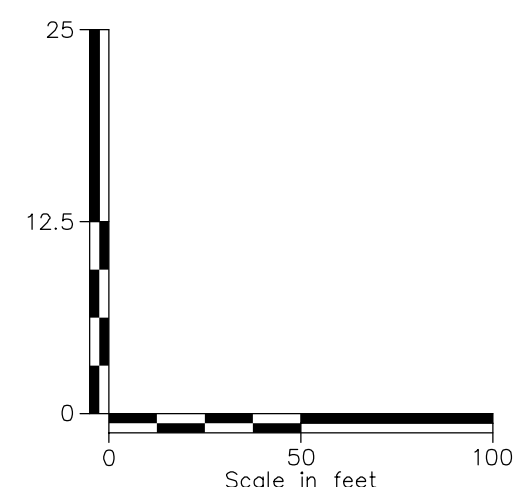


Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/DH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 2

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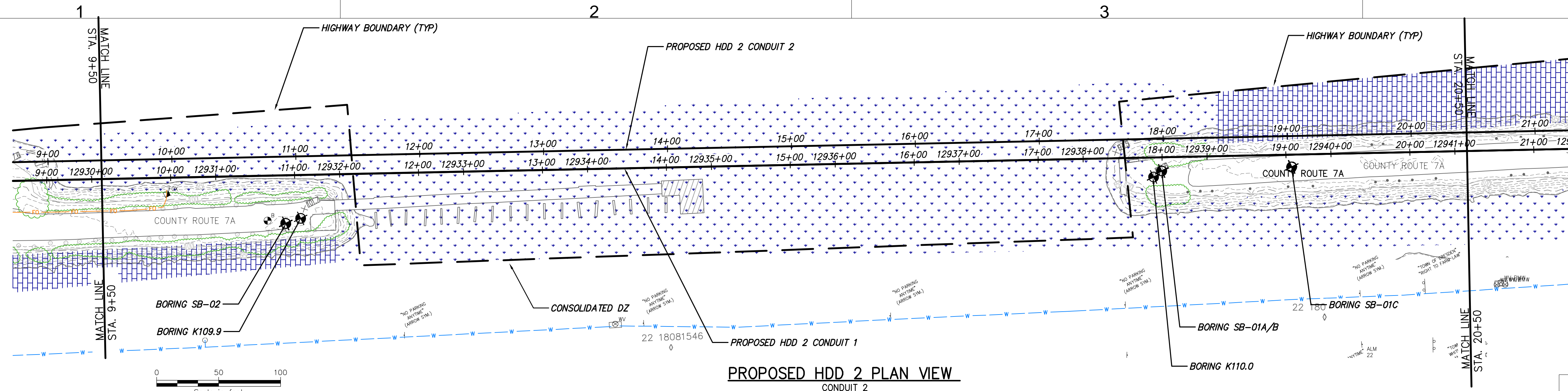
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY

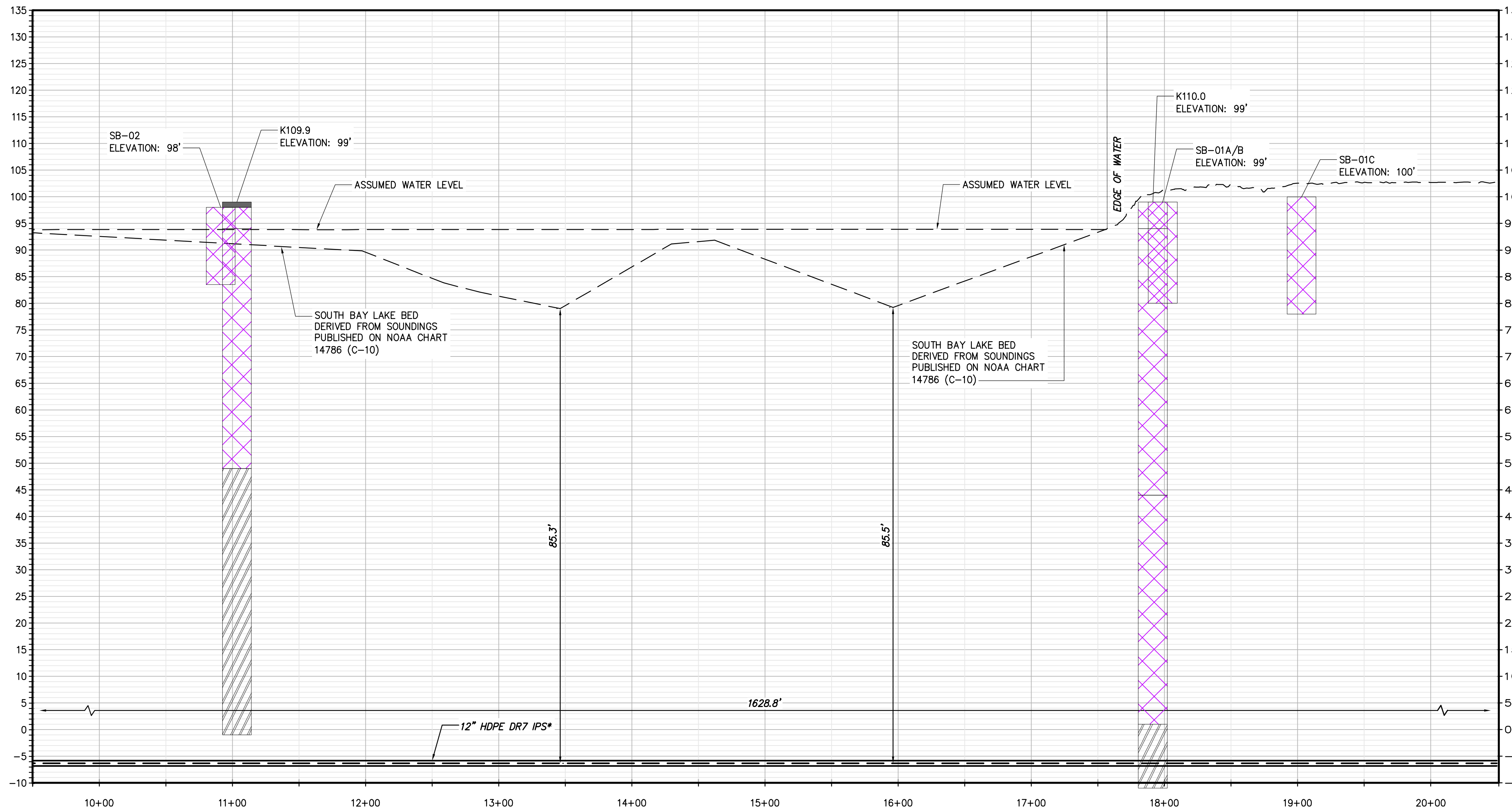
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CHA PROJECT NO.	086076
DRAWING NO.	C-301A
DATE	04/15/2022
SH.NO.	XXX OF XXX

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PROPOSED HDD 2 PLAN VIEW
CONDUIT 2



PROPOSED HDD 2 PROFILE
CONDUIT 2

BORING LOG STRIP LEGEND

Blow Counts per 6" = 10-10-10
Recovery %/ROD % = 95%/90%

B101
11000 - UCS

Legend

ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
Sw	Well graded SAND
Topsail	Topsail
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz

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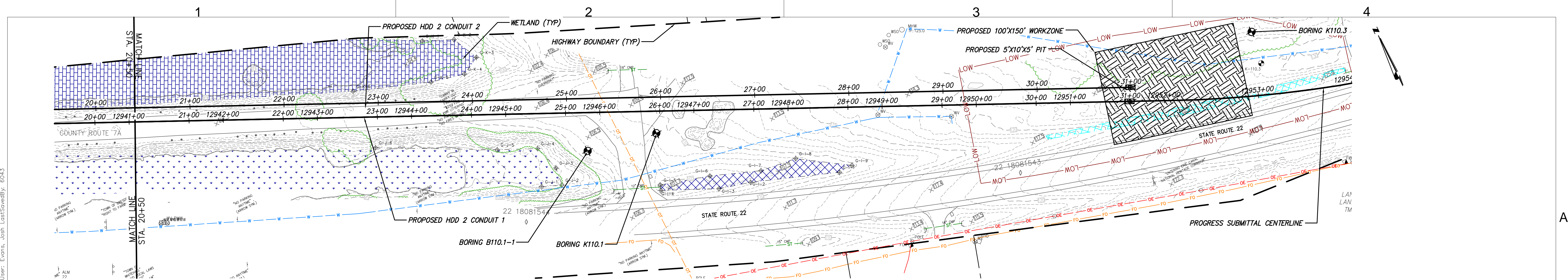
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-301A.1
DATE	04/15/2022
SH.NO.	XXX OF XXX

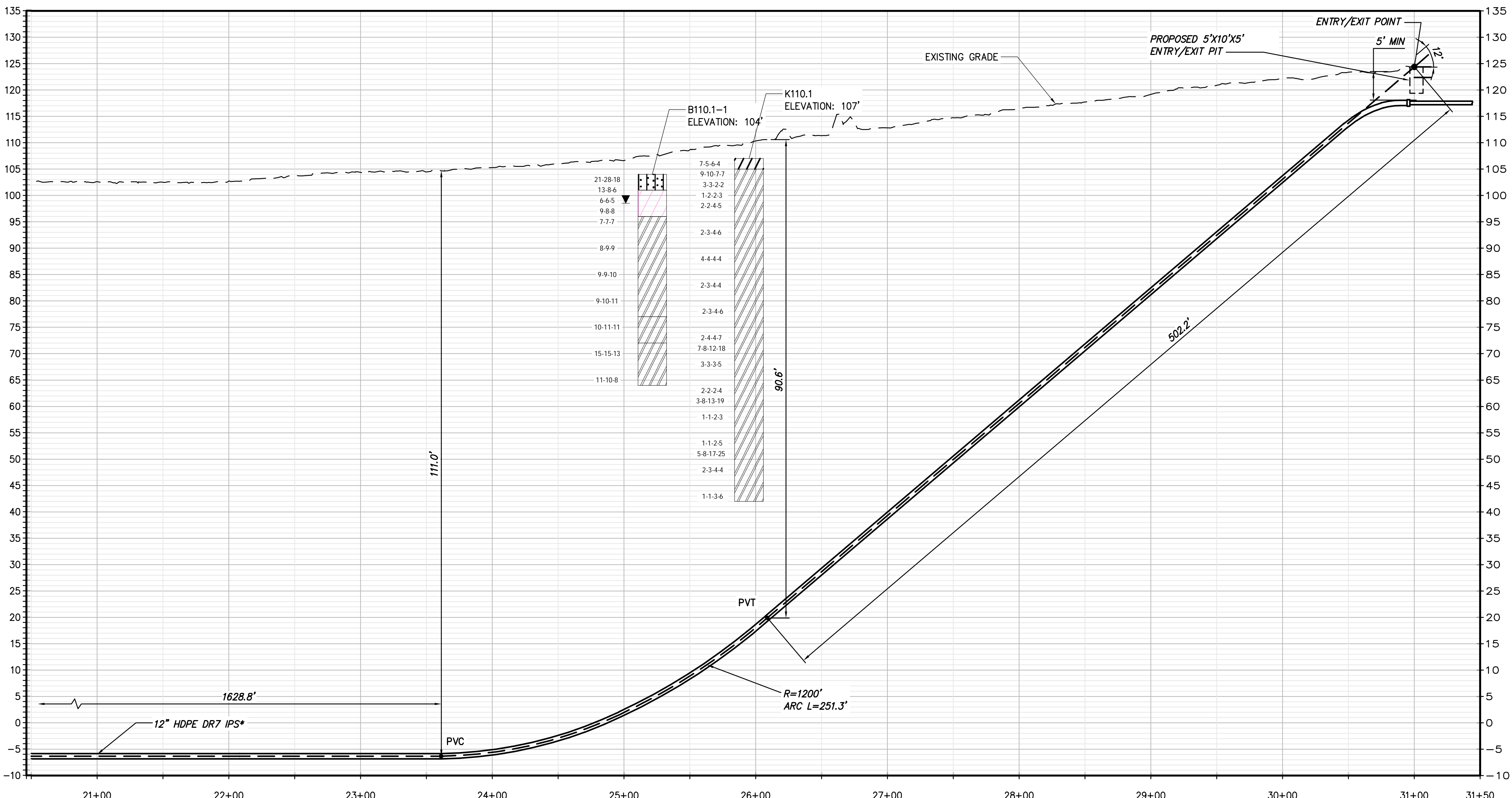
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REV. NO. X SH.NO. XXX OF XXX



BORING LOG STRIP LEGEND

Blow Counts per 6" = 10-10-10
Recovery %/ROD % = 95%/90%

B101
11000 = UCS



Legend

ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
Sw	Well graded SAND
Topsail	Topsail
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz

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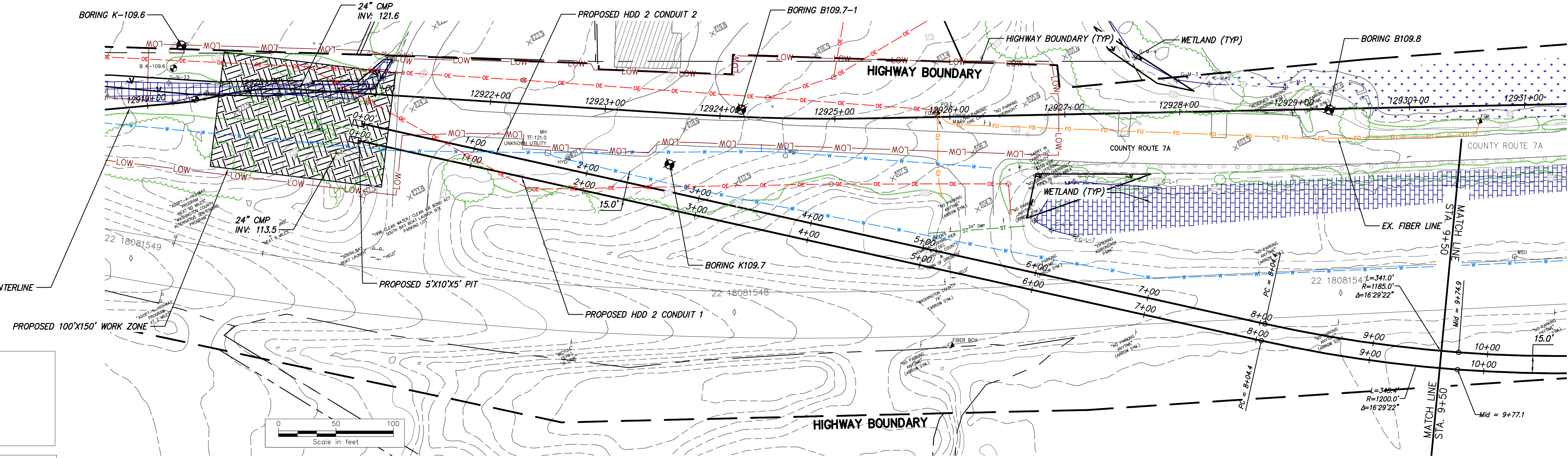
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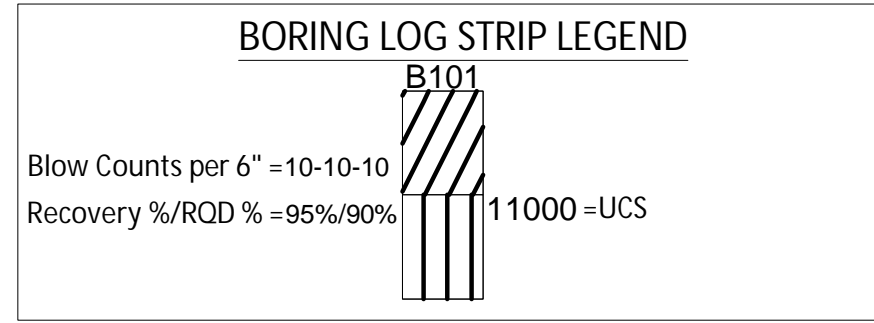
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SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY**

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-301A.2
SCALE	AS NOTED
DATE	04/15/2022
SH.NO.	XXX OF XXX

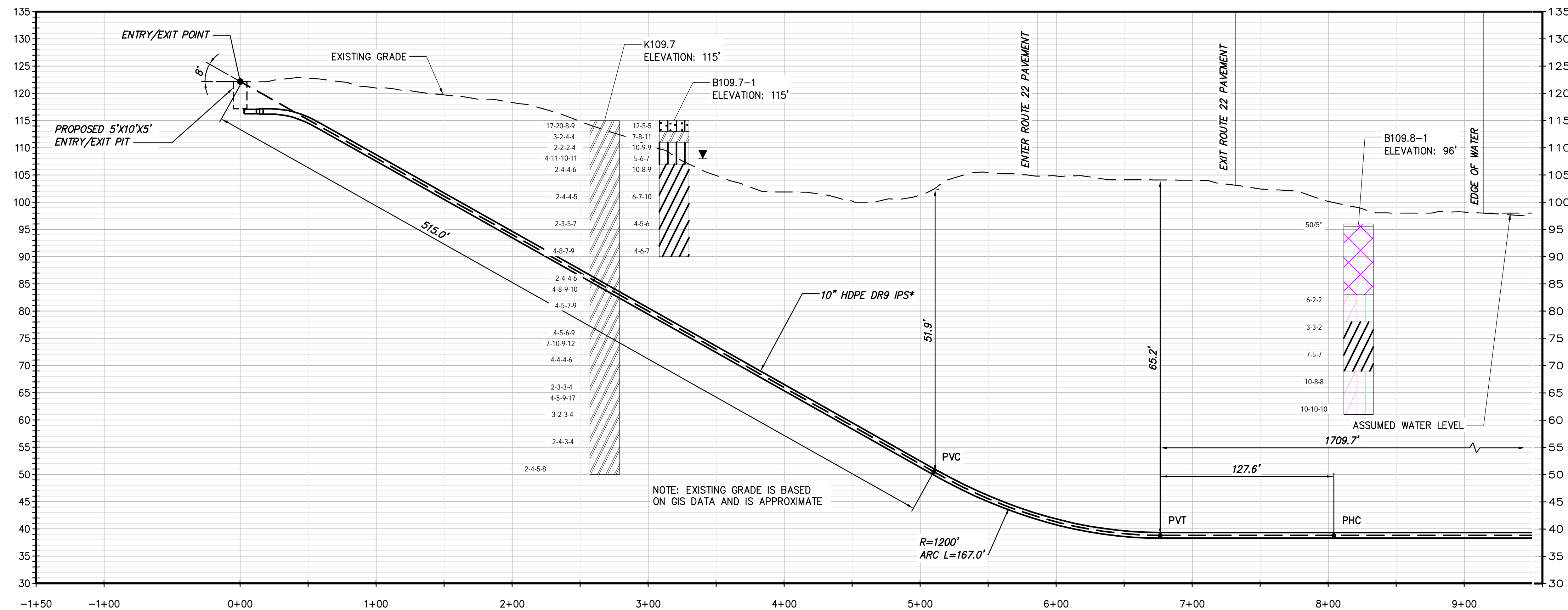
DRAWN BY: MCS DESIGNED BY: MB APPROVED BY: JEO SCALE AS NOTED DATE 04/15/2022



PROPOSED HDD 2 PLAN VIEW
CONDUIT 1



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
DL	ORGANIC Lean CLAY
DL/DH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 1

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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-302
DATE	04/15/2022
SH.NO.	XXX OF XXX

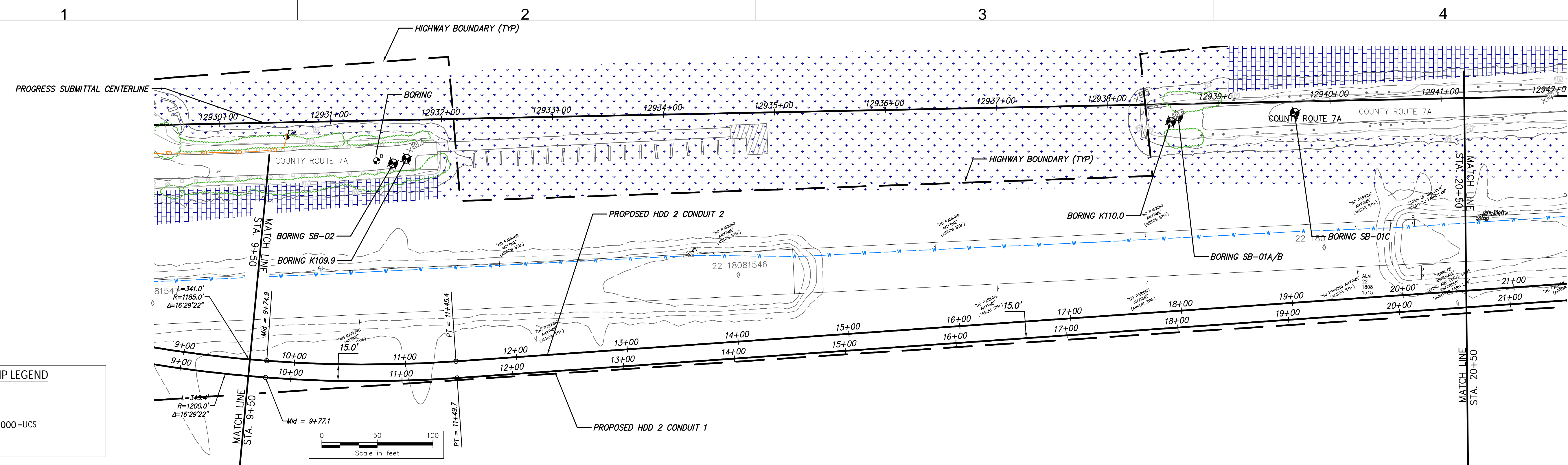
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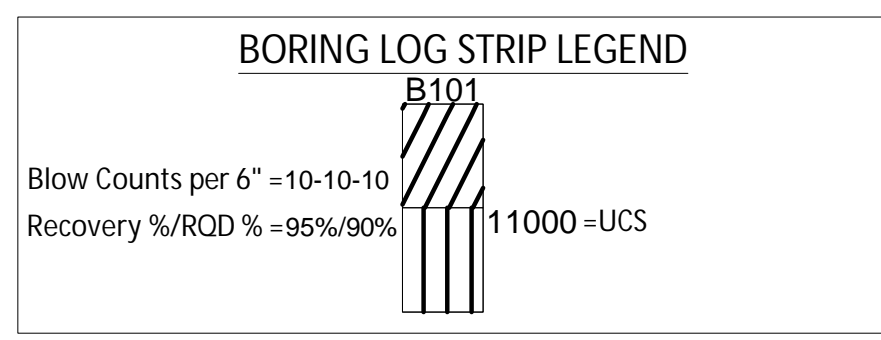
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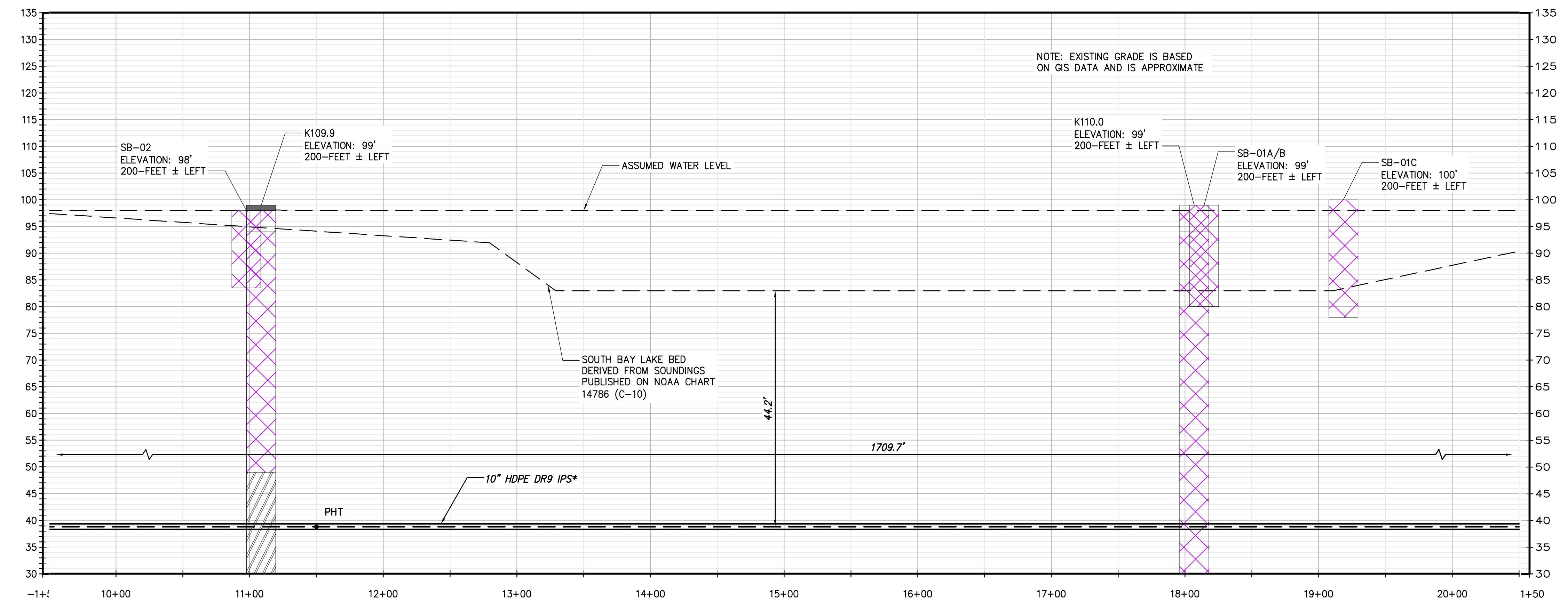
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PROPOSED HDD 2 PLAN VIEW
CONDUIT 1



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 1

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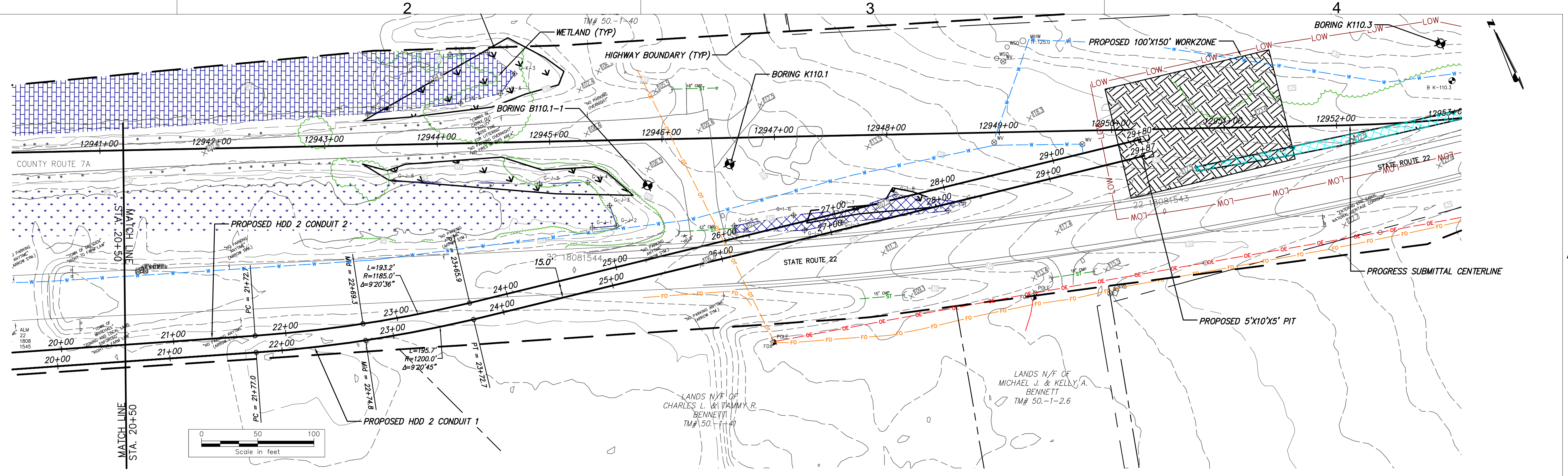
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

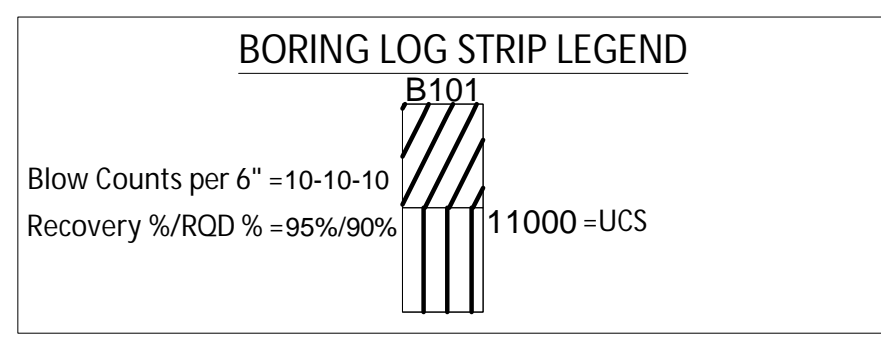
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DRAWING NO.	C-302.1
DATE	04/15/2022
SH.NO.	XXX OF XXX

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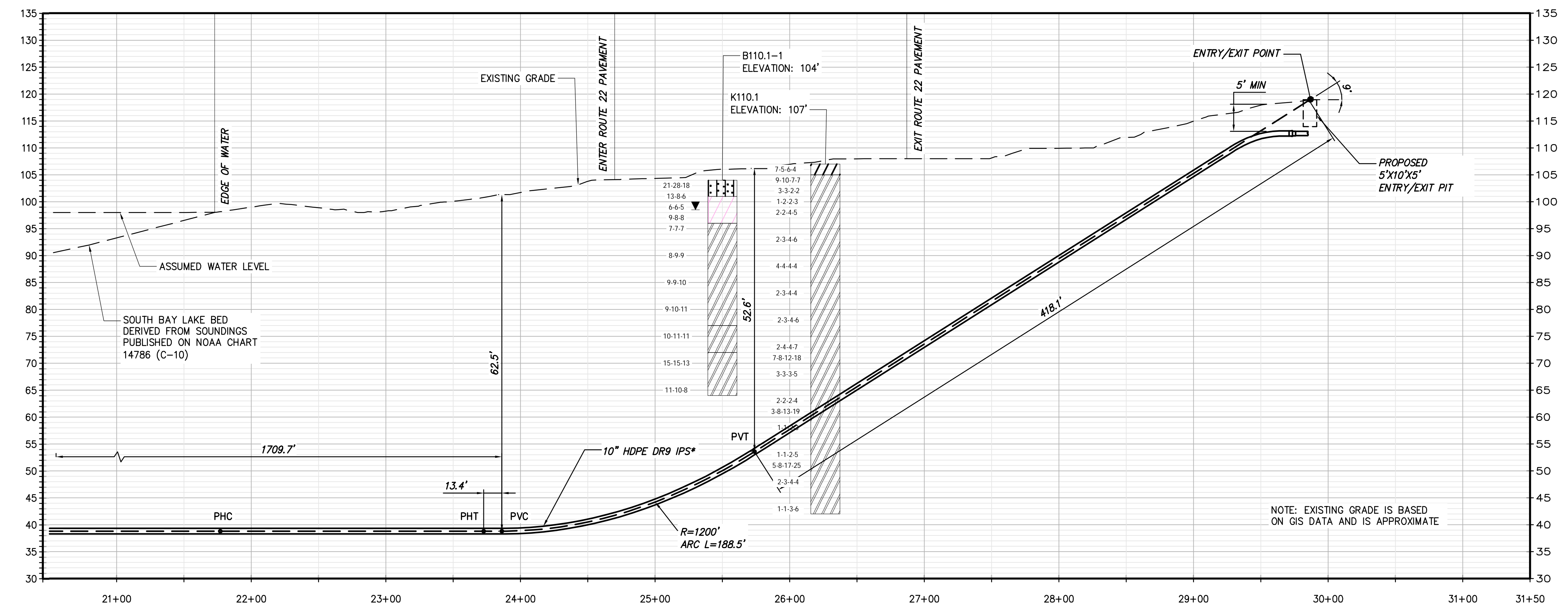
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PROPOSED HDD 2 PLAN VIEW
CONDUIT 1



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
Fill	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
DL	ORGANIC Lean CLAY
DL/DH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 1

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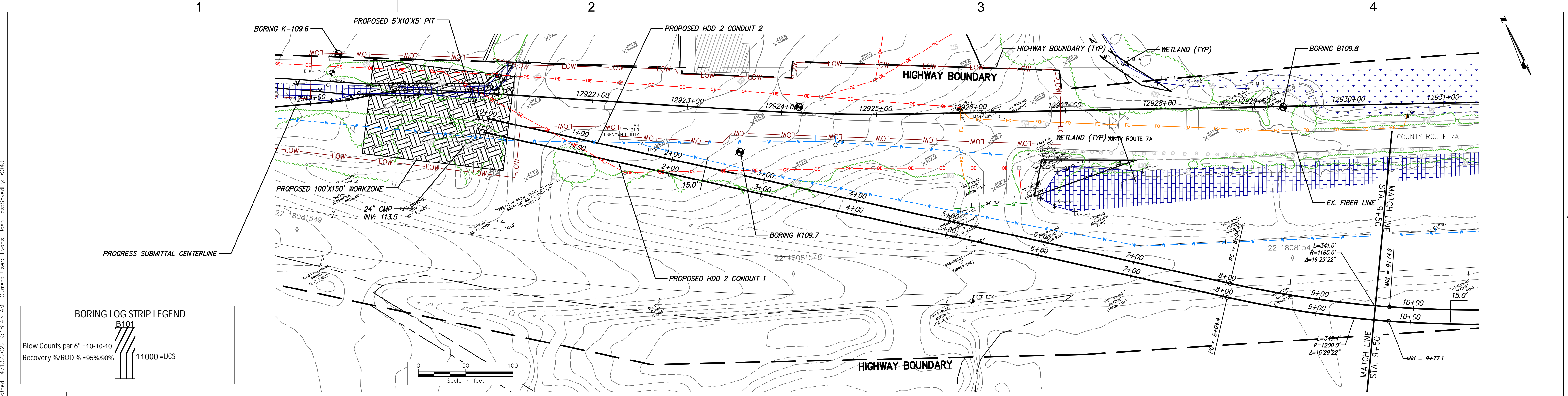
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE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

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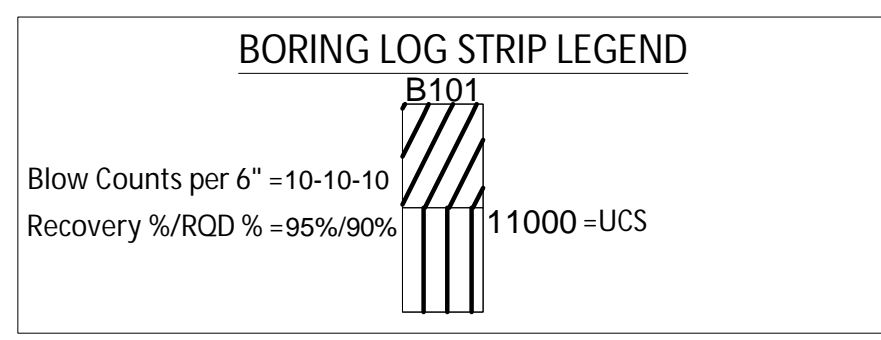
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 1
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-302.2
DATE	04/15/2022
SH.NO.	XXX OF XXX

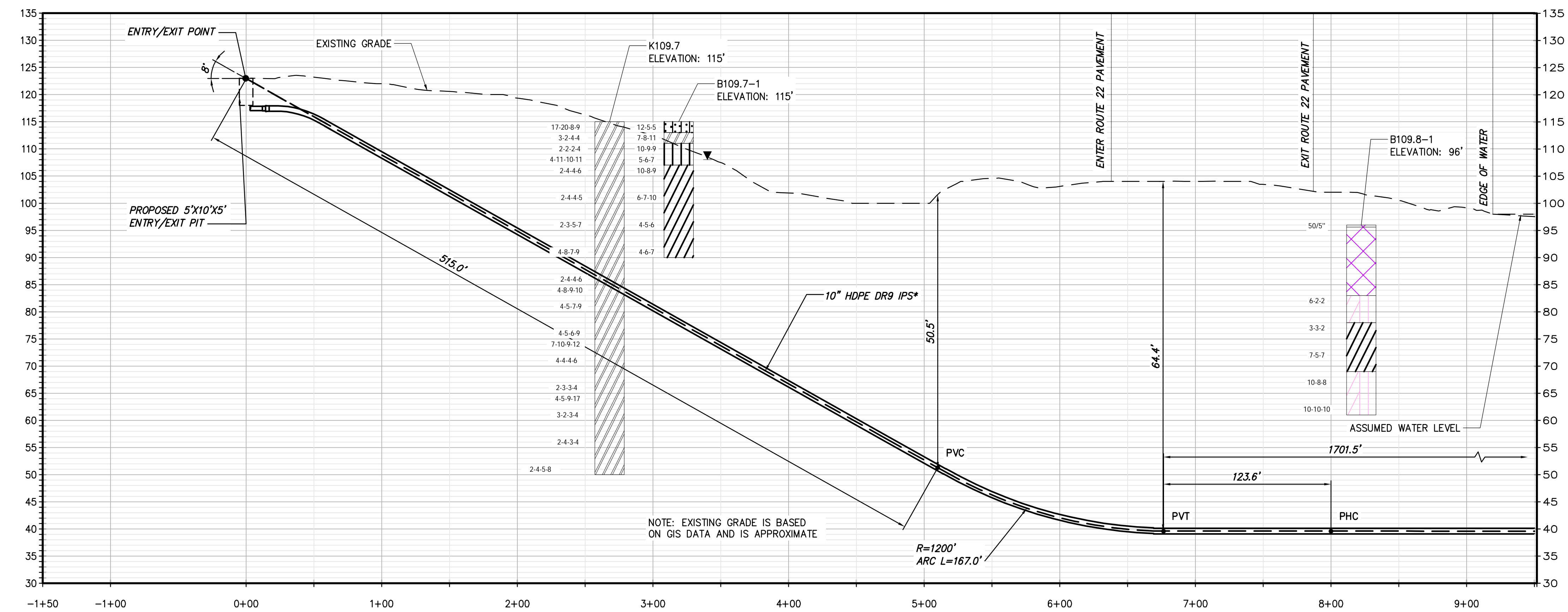
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 REV. NO. X SH.NO. XXX OF XXX



PROPOSED HDD 2 PLAN VIEW
CONDUIT 2



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 2

* HDD2 CONSISTS OF (2) HVDC ELECTRICAL TRANSMISSION CABLES HOUSED IN INDIVIDUAL 10" HDPE DR 9 IPS CASINGS
A THIRD 2" CASING WILL BE BUNDLED WITH ONE OF THE 10" HDPE DR 9 IPS FOR A TELECOMMUNICATIONS LINE.



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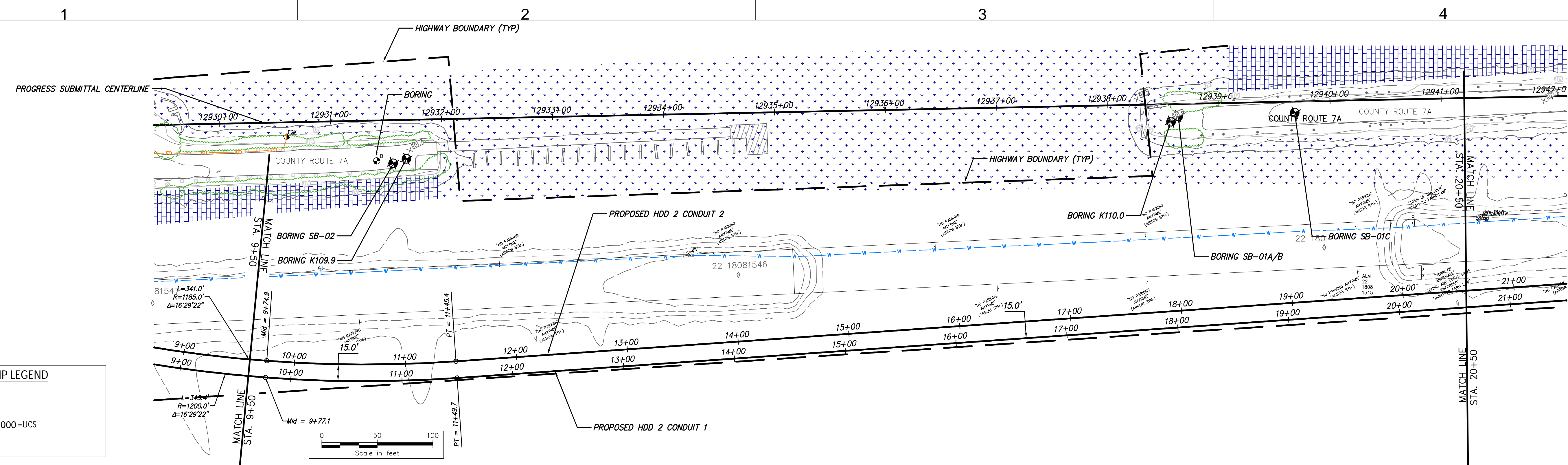
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY

KIEWIT PROJECT NO.	21162
CHA PROJECT NO.	086076
DRAWING NO.	C-302A
DATE	04/15/2022
SH.NO.	XXX OF XXX

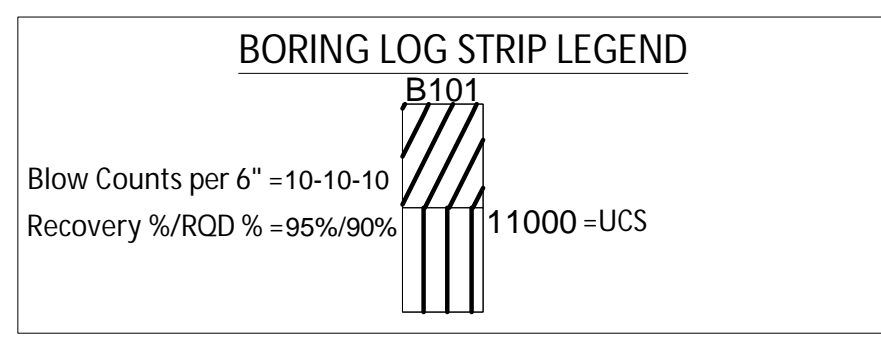
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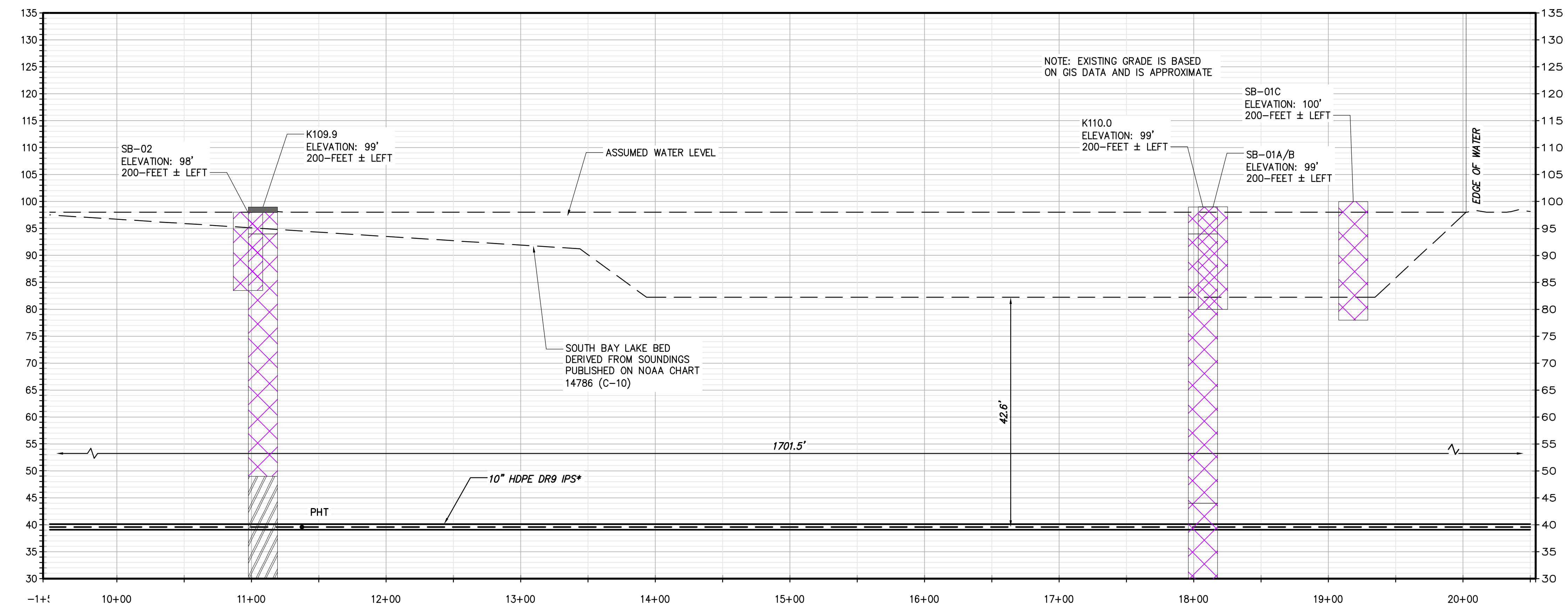
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PROPOSED HDD 2 PLAN VIEW
CONDUIT 1



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
FILL	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 1

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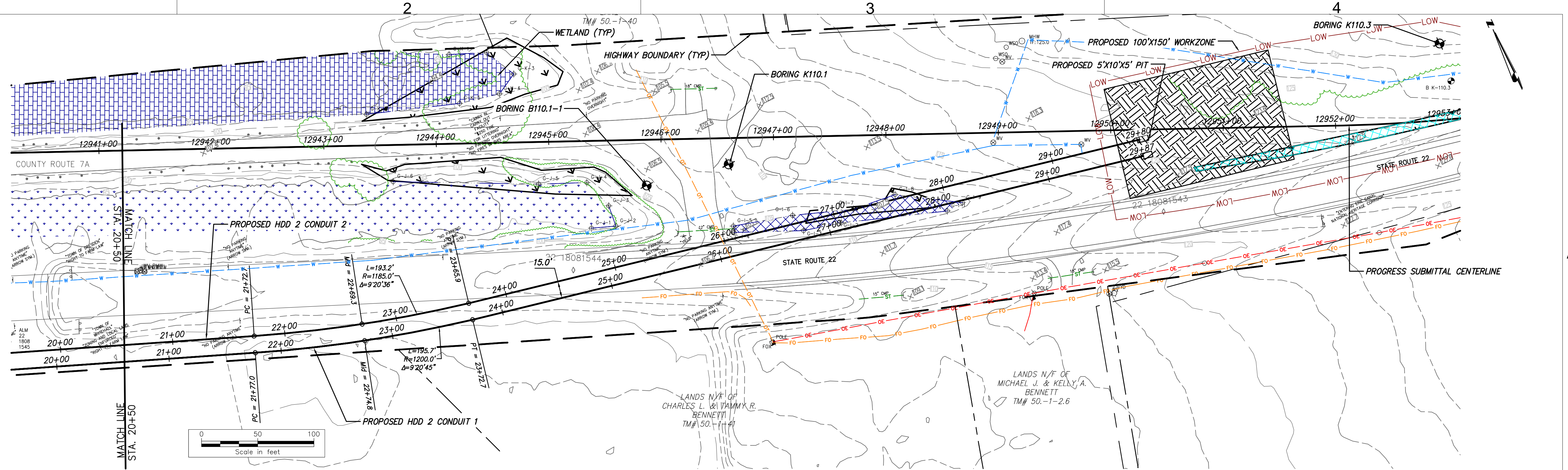
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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY

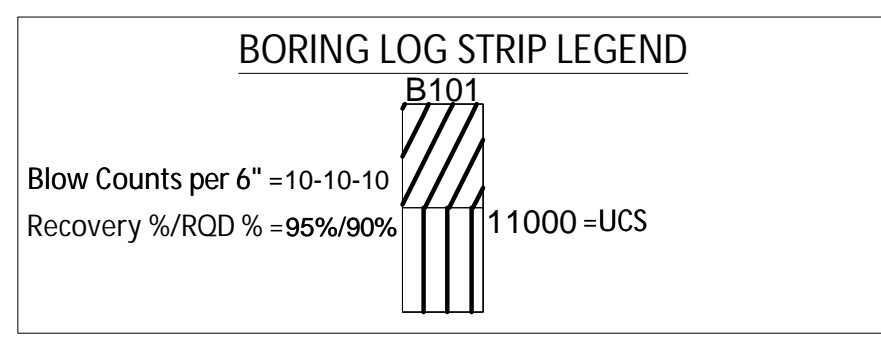
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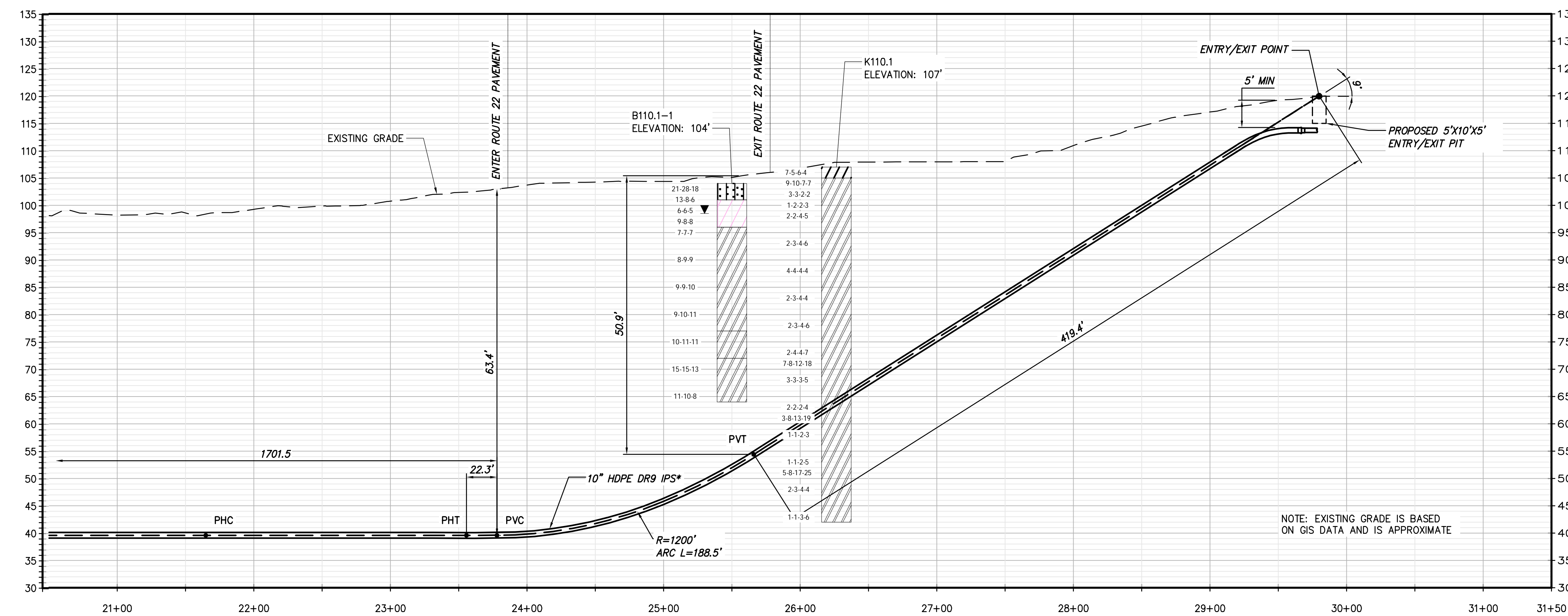
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PROPOSED HDD 2 PLAN VIEW
CONDUIT 2



Legend	
ASPHALT	Asphalt
CH	Fat CLAY
CL	Lean CLAY
CL-ML	SILTY CLAY
CONCRETE	Concrete
Fill	Fill
GC	CLAYEY GRAVEL
GM	SILTY GRAVEL
Gneiss	Undefined
GP	Poorly Graded GRAVEL
GW	Well Graded GRAVEL
ML	SILT
DL	ORGANIC Lean CLAY
DL/DH	ORGANIC SOIL
Rock	Undefined
Sandstone	Sandstone
SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SM	SILTY SAND
SP	Poorly Graded SAND
SP-SM	Poorly Graded SAND with SILT
SW	Well graded SAND
Topsoil	Topsoil
USGS 708	Gneiss
USGS 718	Granite 1
USGS 732	Quartz



PROPOSED HDD 2 PROFILE
CONDUIT 2

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NOTE: EXISTING GRADE IS BASED ON GIS DATA AND IS APPROXIMATE



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CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 2 - ROUTE 22: DRESDEN - WHITEHALL
PROPOSED HDD PLAN AND PROFILE - HDD 2
ALTERNATE SOUTH BAY CROSSING, CONDUIT 2
WHITEHALL, WASHINGTON COUNTY, NY

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