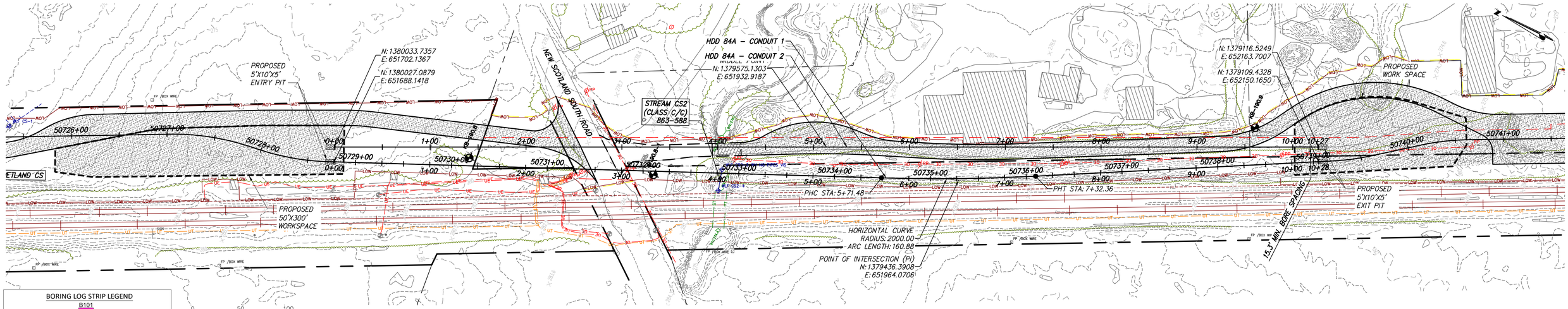


PROPOSED HDD 84A, CONDUIT 1 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

Blow Counts per 6" = 10-10-10

Recovery %/RQD % = 95%/90%

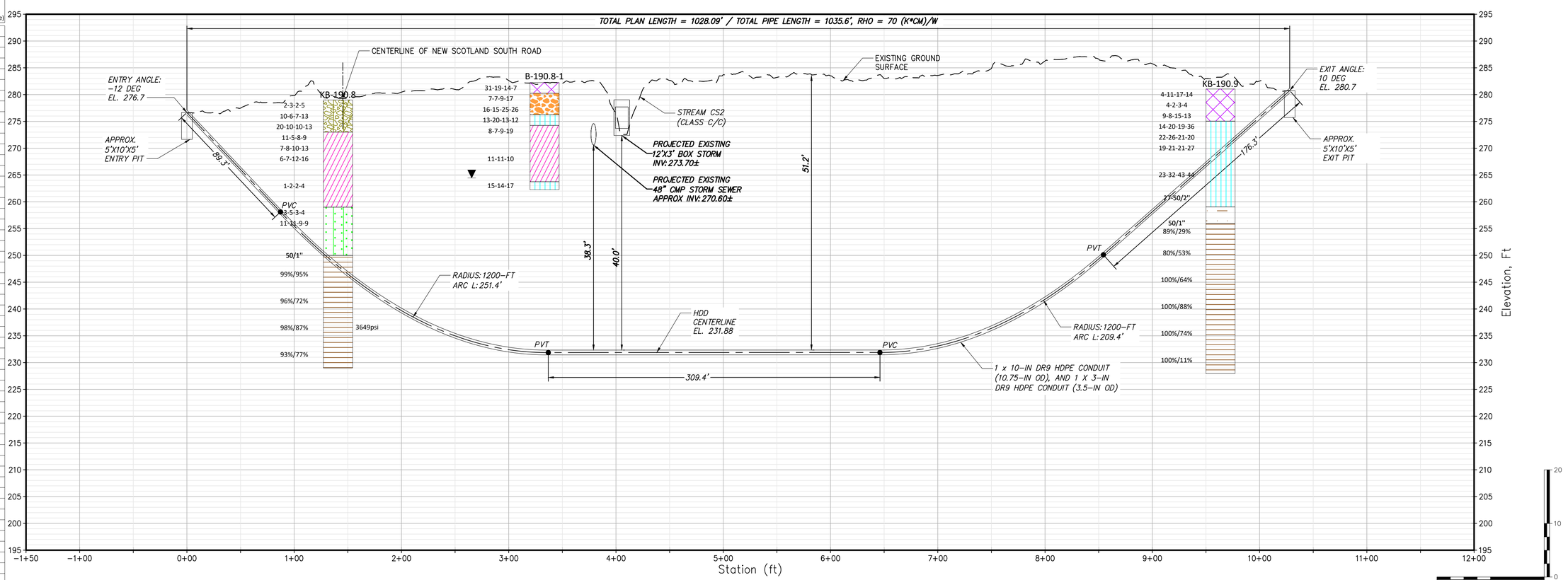
11000psi =UCS

2D strip logs shown at 10x exaggeration

3D strip logs have no exaggeration

Boring ground elevations are from survey data and topo maps (or approximated from Google Earth when topo or survey aren't available)

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
Topsoil	Topsoil
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



PROPOSED HDD 84A, CONDUIT 1 – PROFILE

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
Creating Space Underground
26 Smith Pl, Ste 2, Cambridge, MA 02138
PHONE: 617.714.5784

6/8/2023 STATE OF NEW YORK · BRIAN C DORIAN · 080342 · LICENSED PROFESSIONAL ENGINEER

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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	BD

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 84A

NEW SCOTLAND SOUTH ROAD CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-355**

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

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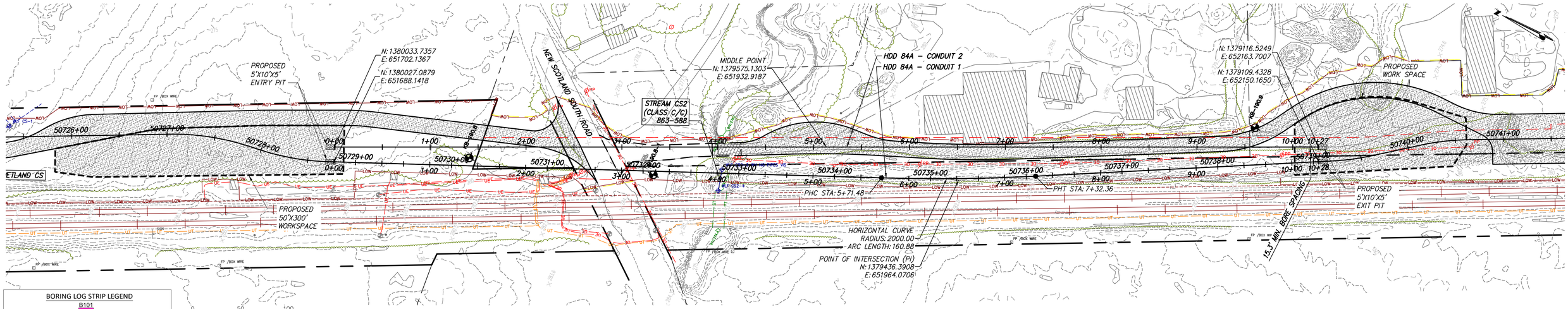
LastSavedBy: bconnelly



PROPOSED HDD 84A, CONDUIT 2 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

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

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OH	ORGANIC Fat CLAY
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PT	PEAT
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SC–SM	SILT, CLAYEY SAND
SHALE	Shale
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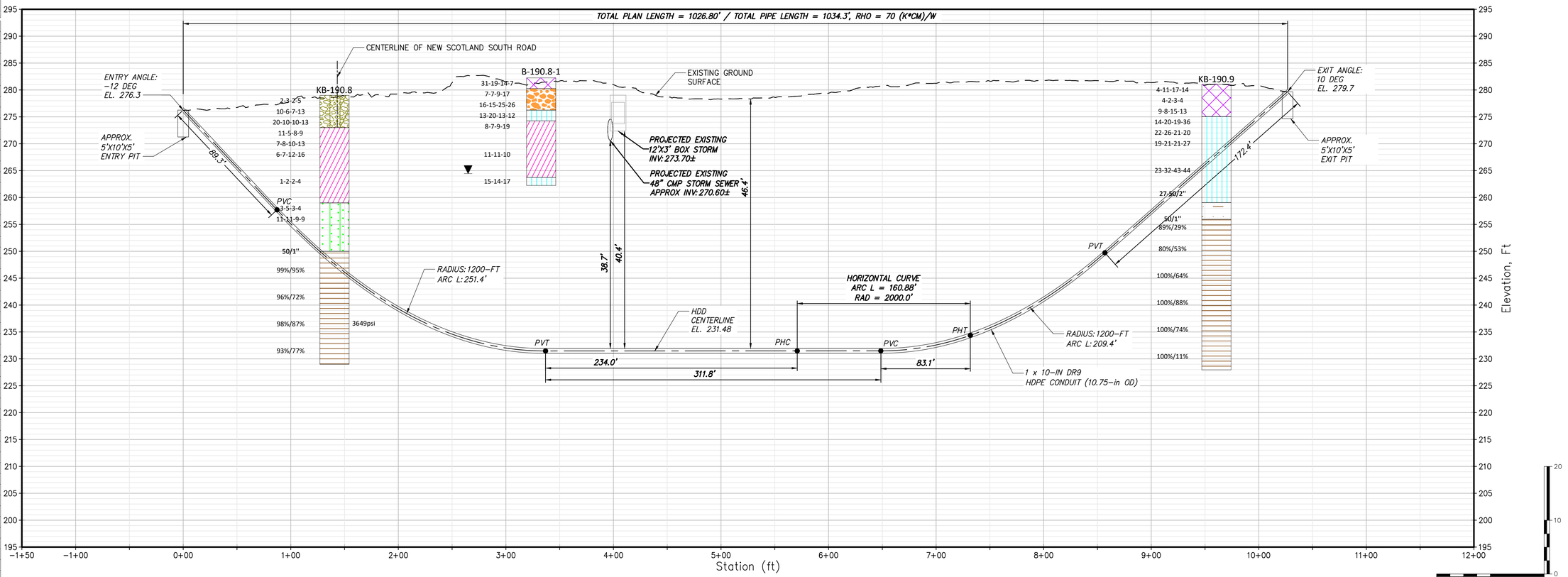

PROPOSED HDD 84A, CONDUIT 2 – PROFILE

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
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6/8/2023

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 84A

NEW SCOTLAND SOUTH ROAD CROSSING, CONDUIT 2

SCHENECTADY COUNTY, NY

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-356**

DATE 06/09/2023

SH.NO. XX OF 189

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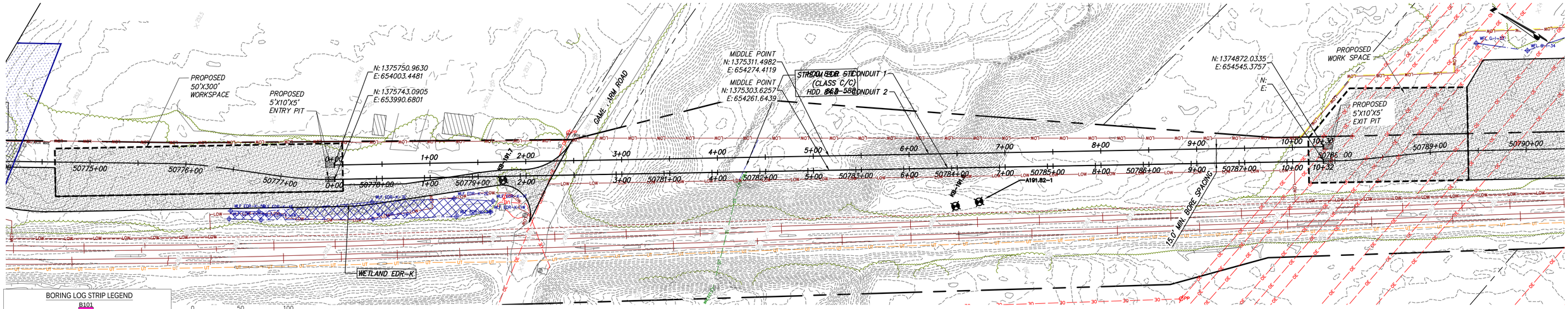
LastSavedBy: bconnelly



PROPOSED HDD 84.B, CONDUIT 1 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

Blow Counts per 6" = 10-10-10

Recovery %/RQD % = 95%/90%

11000psi =UCS

2D strip logs shown at 10x exaggeration
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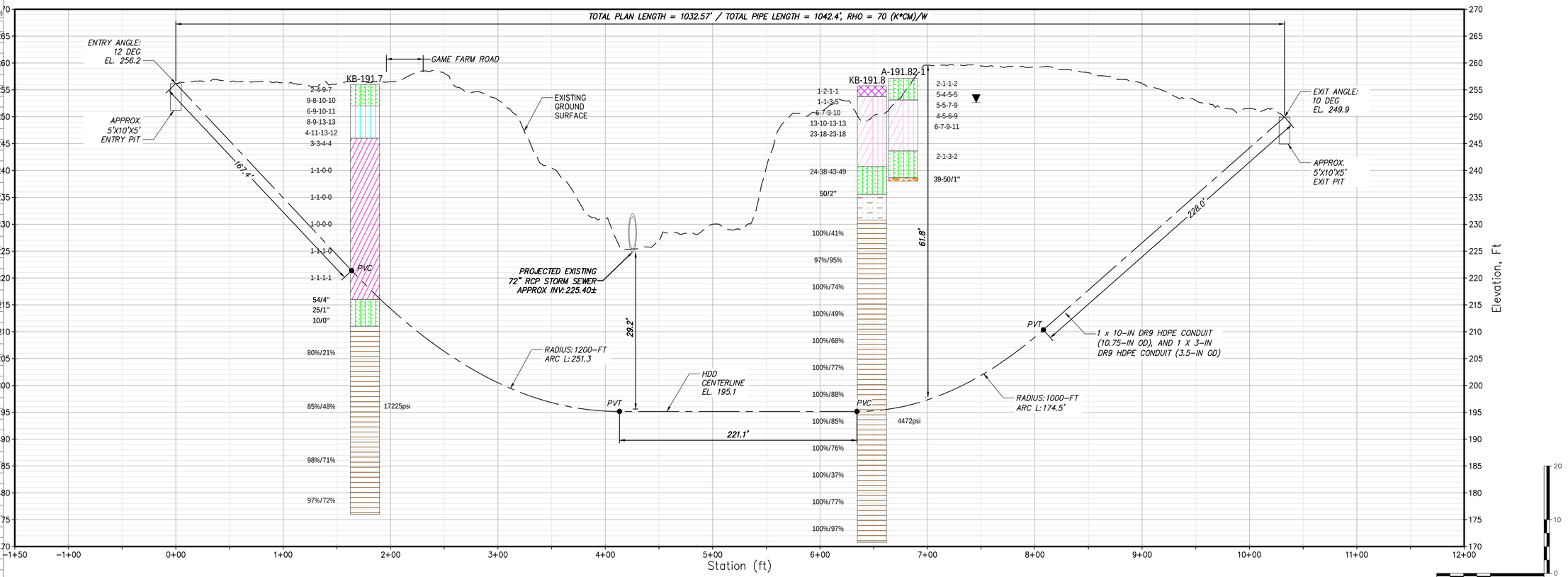

PROPOSED HDD 84.B, CONDUIT 1– PROFILE

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 84B

GAME FARM ROAD CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. C-357

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BJW | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

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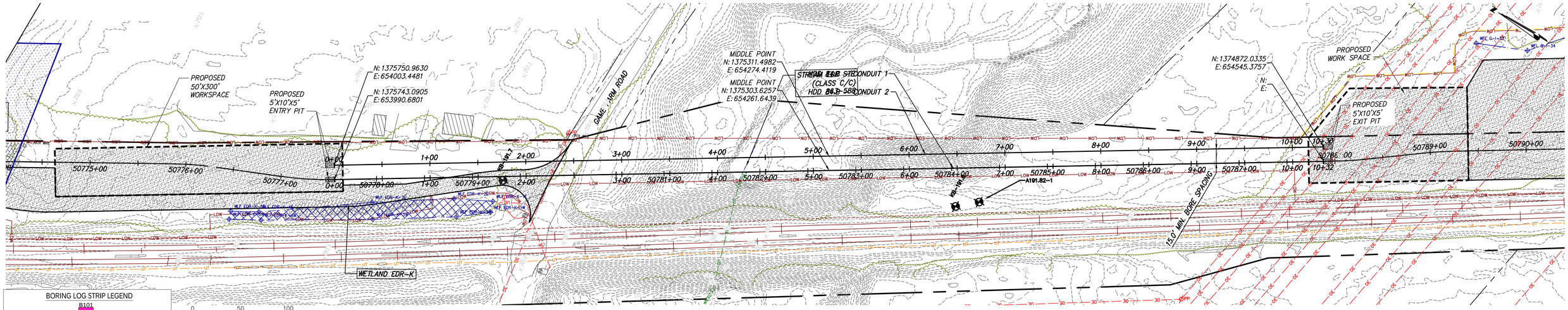

PROPOSED HDD 84.B, CONDUIT 2 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

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
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Bedrock	Bedrock
Boulder	Boulder
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CONCRETE	Concrete
Fill	Fill
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GC-GM	SILTY CLAYEY GRAVEL
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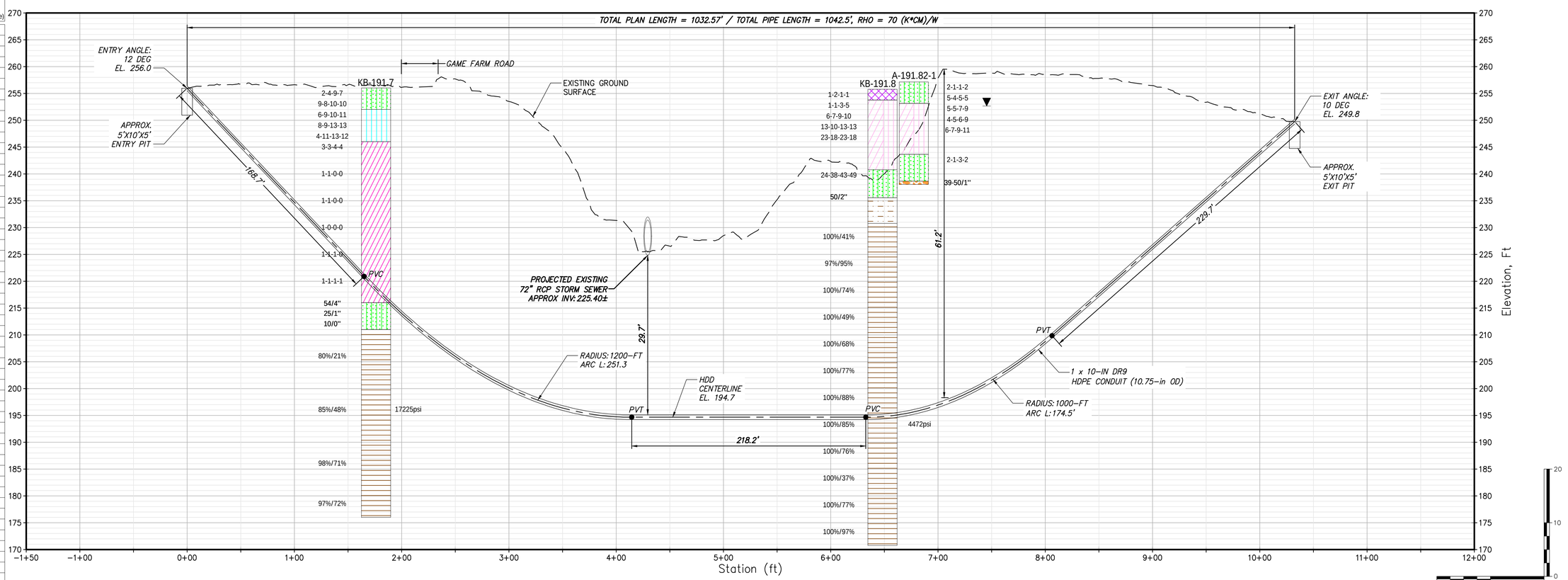

PROPOSED HDD 84.B, CONDUIT 2 – PROFILE

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
Creating Space Underground
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6/8/2023

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 84B

GAME FARM ROAD CROSSING, CONDUIT 2

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. C-358

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BJD | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

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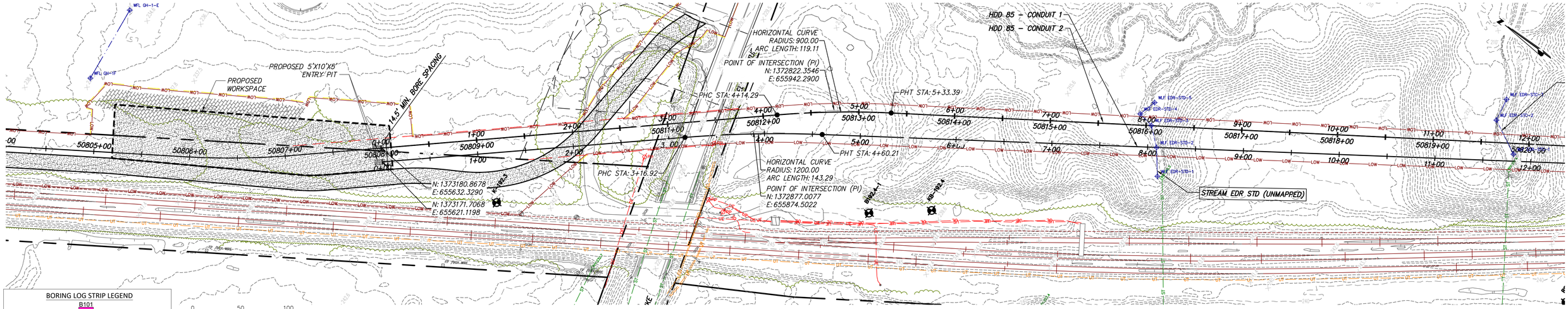

PROPOSED HDD 85, CONDUIT 1 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

Blow Counts per 6" = 10-10-10

Recovery %/RQD % = 95%/90%

11000psi =UCS

2D strip logs shown at 10x exaggeration

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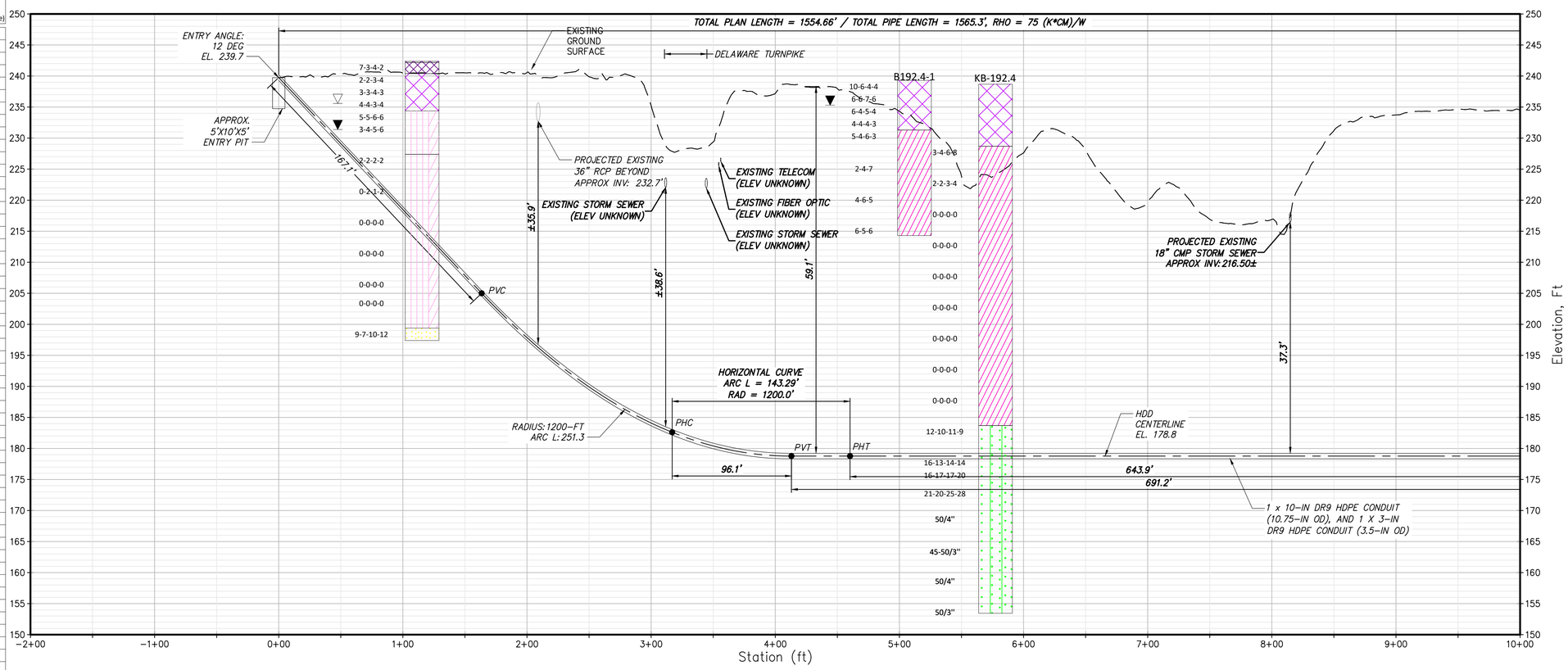

PROPOSED HDD 85, CONDUIT 1 – PROFILE

SCALE: 1" = 50'

0 50 100
Scale in feet

0 10 20

CHPE Champlain Hudson Power Express

Kiewit

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 85

DELAWARE TURNPIKE CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-359**

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

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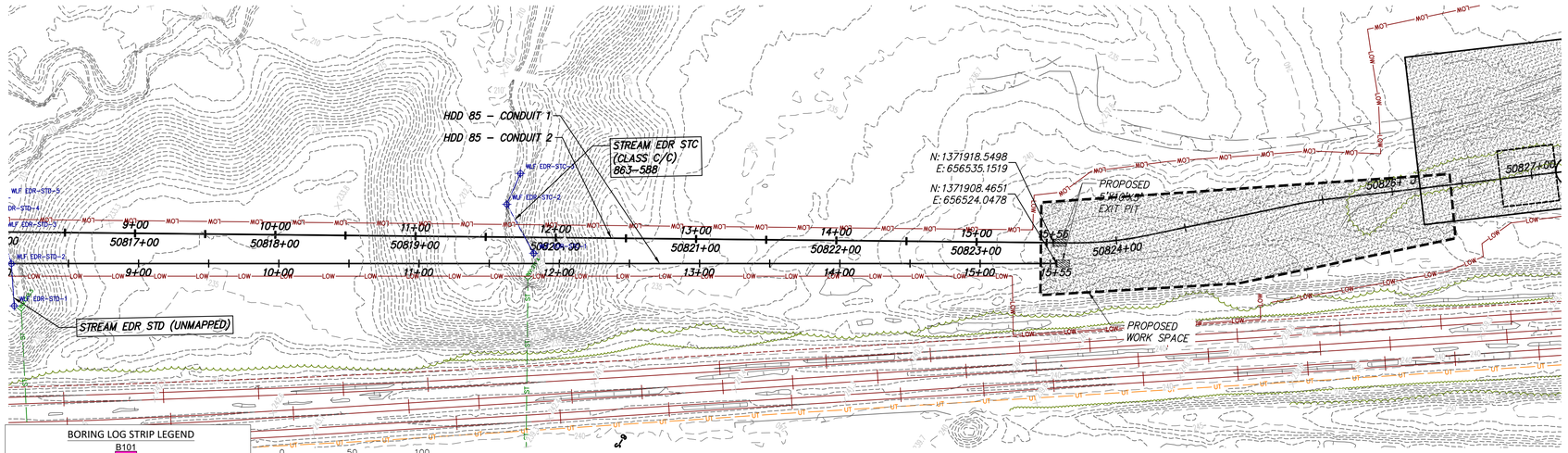
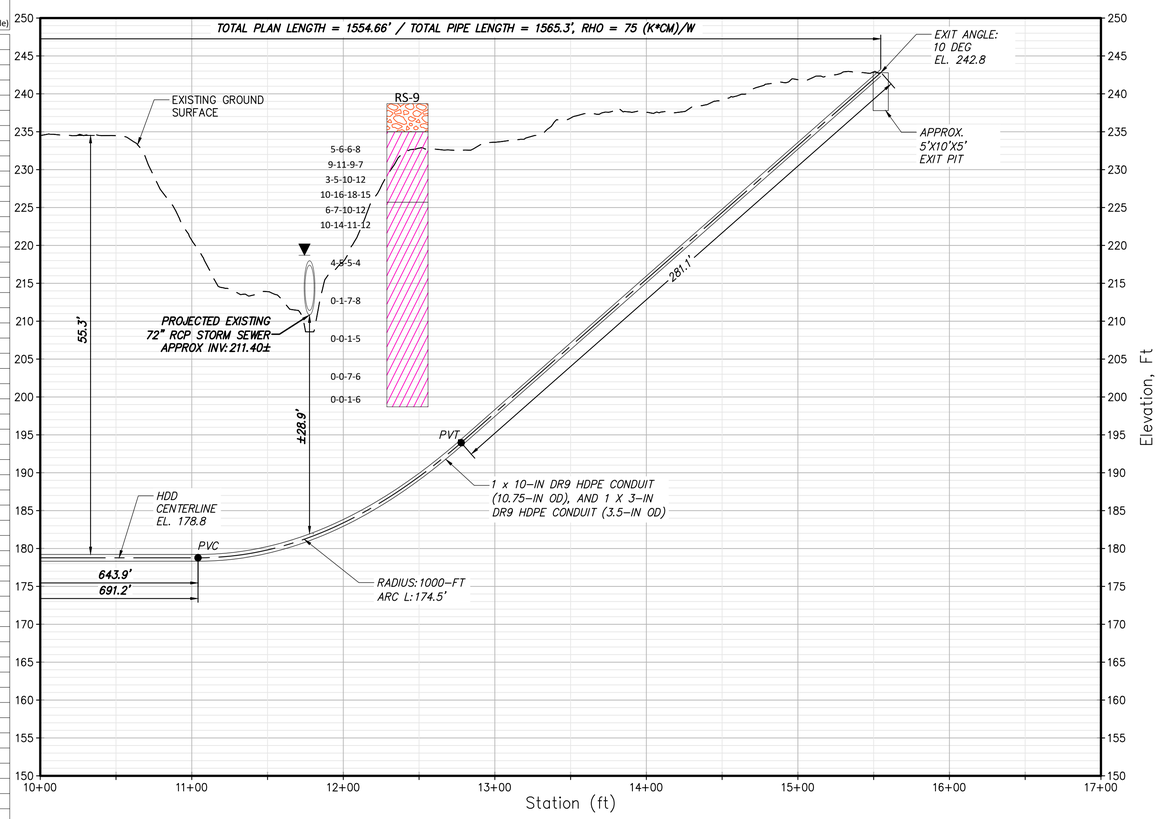


PROPOSED HDD 85, CONDUIT 1 – PLAN

SCALE: 1" = 50'



PROPOSED HDD 85, CONDUIT 1 – PROFILE

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

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

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CL	Lean CLAY
CL–ML	SILTY CLAY
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Fill	Fill
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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
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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
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SM	SILTY SAND
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Water	Water
Weathered Rock	Undefined
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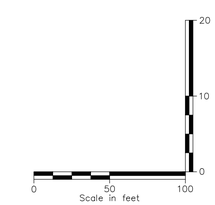

CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
Creating Space Underground
26 Smith Pl, Ste 2, Cambridge, MA 02138
PHONE: 617.714.5784

6/8/2023

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 85

DELAWARE TURNPIKE CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

DRAWN BY: BBC | DESIGNED BY: NS | APPROVED BY: BDM | SCALE AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-360**

DATE 06/09/2023

SH.NO. XX OF 189

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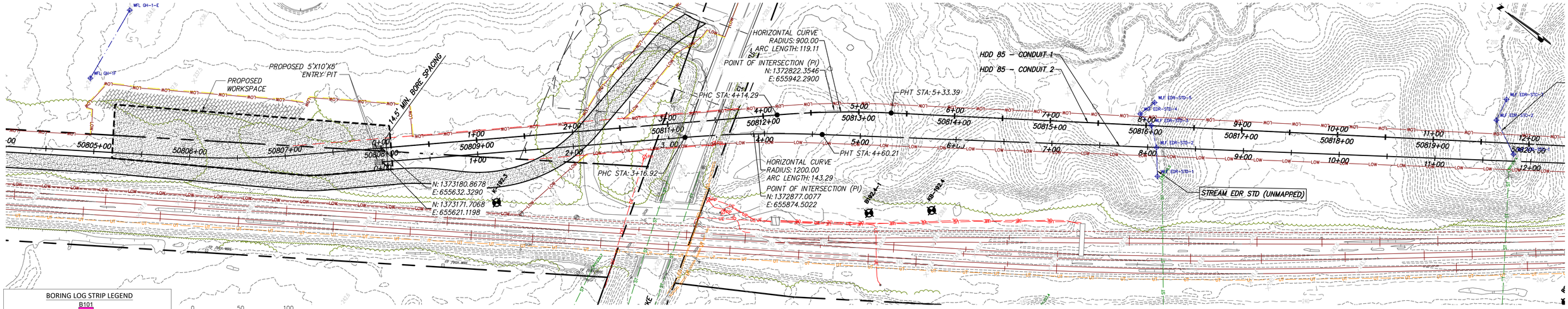
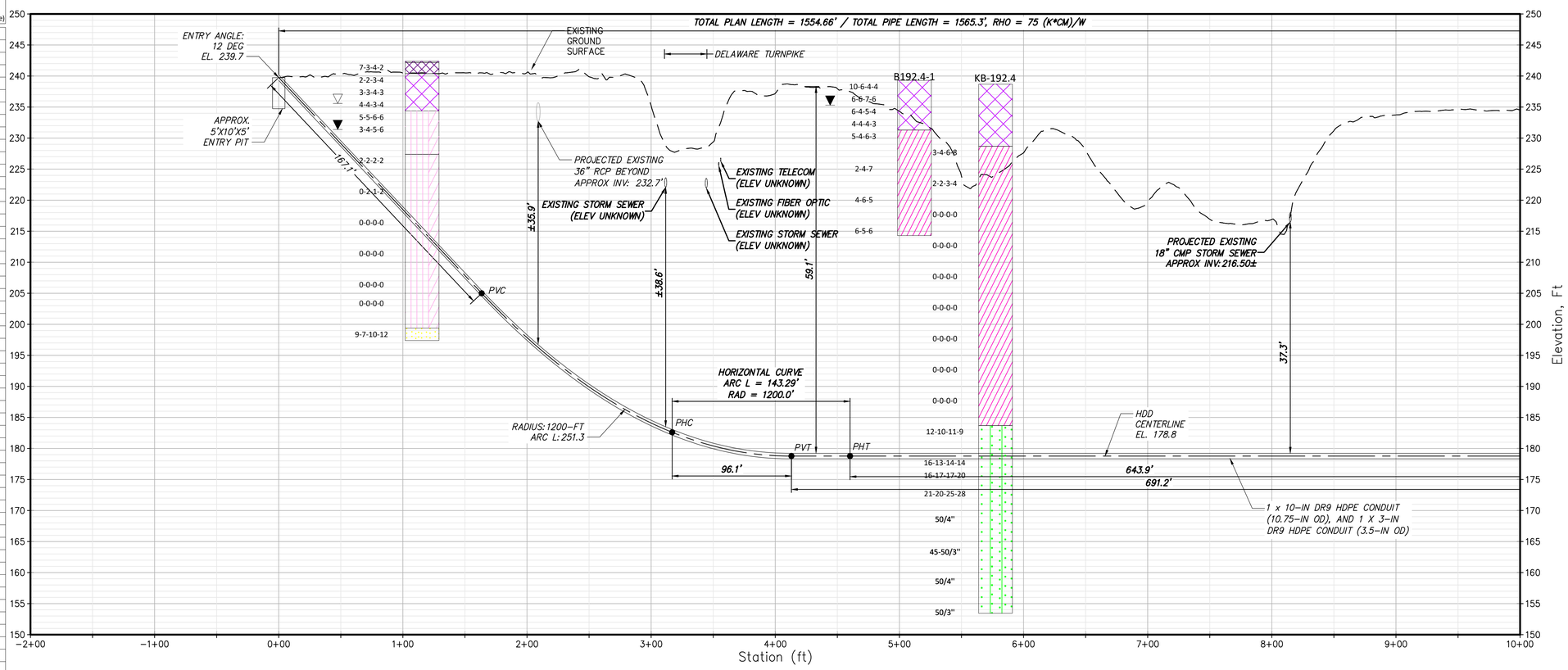


PROPOSED HDD 85, CONDUIT 2 – PLAN

SCALE: 1" = 50'



PROPOSED HDD 85, CONDUIT 2 – PROFILE

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 85

DELAWARE TURNPIKE CROSSING, CONDUIT 2

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-361**

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

File: C:\USERS\BCONNELLY\DC\ACCDOCS\BRIERLEY ASSOCIATES\322004-000 CHAMPLAIN HUDSON POWER EXPRESS\PROJECT FILES\40 DESIGN ENG\PACKAGE 5\5A_BA-HDD CIVIL SHEETS\CHPE_5A_C_359-364.DWG Saved: 6/7/2023 9:23:16 PM Plotted: 6/7/2023 10:13:51 PM Current User: Brian Connelly
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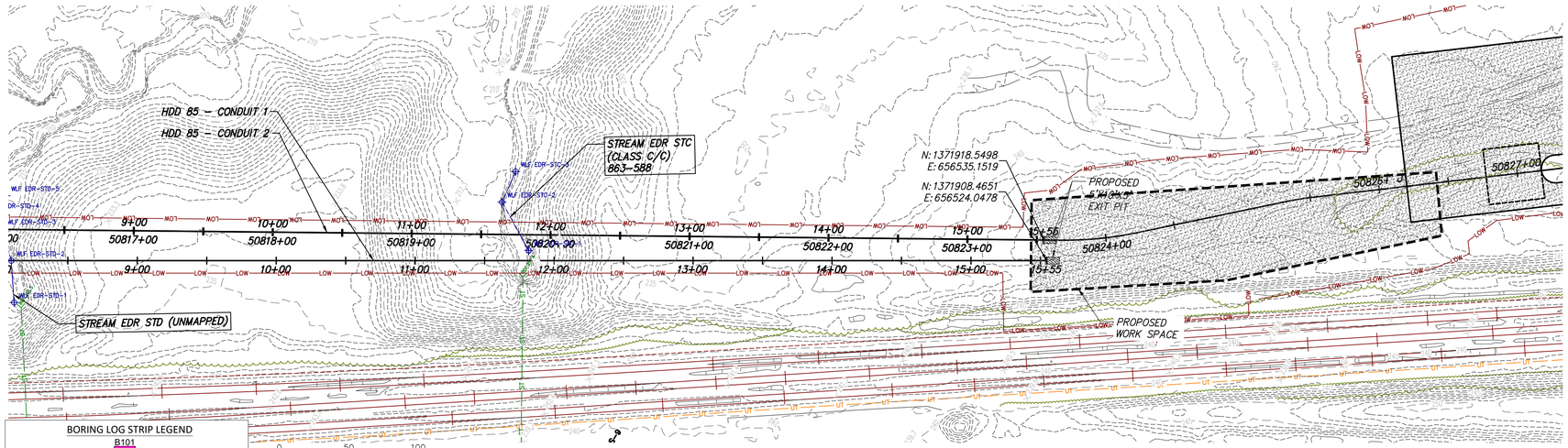
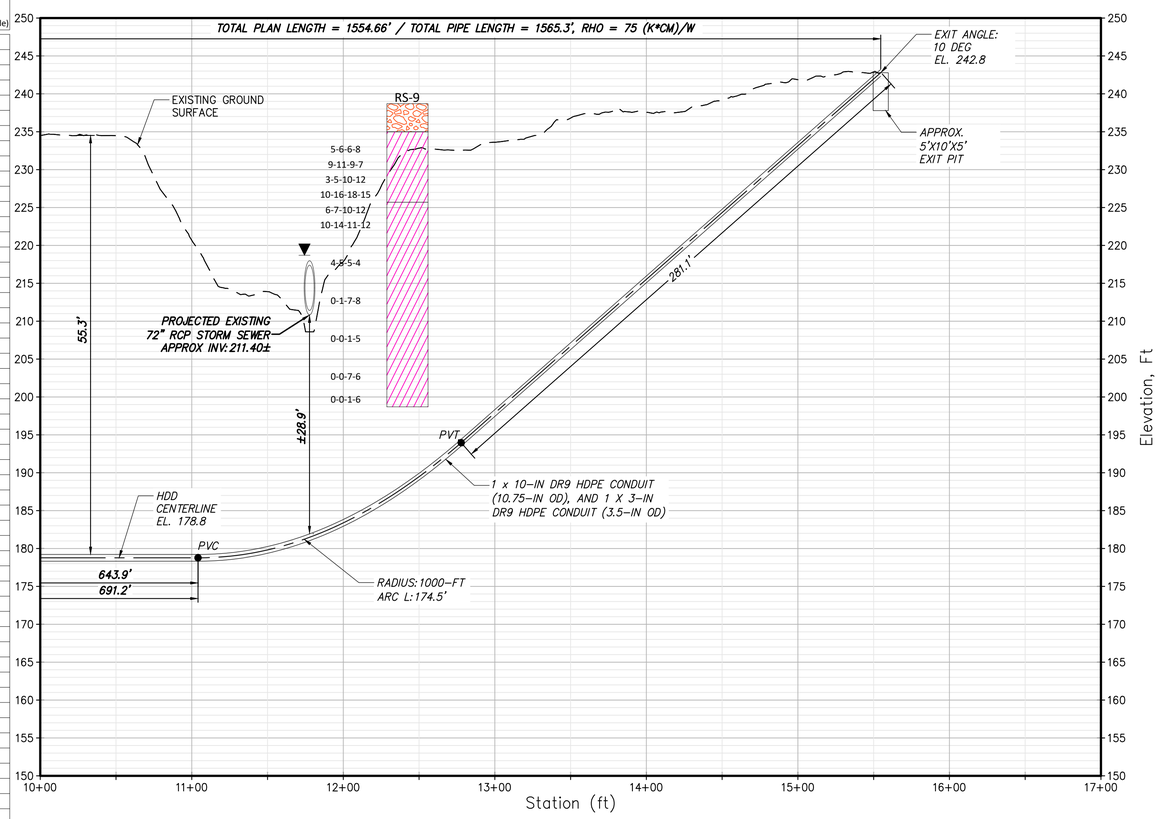


PROPOSED HDD 85, CONDUIT 2 – PLAN

SCALE: 1" = 50'



PROPOSED HDD 85, CONDUIT 2 – PROFILE

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BORING LOG STRIP LEGEND

B101

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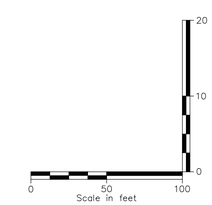

CHPE Champlain Hudson Power Express

Kiewit

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PHONE: 617.714.5784

6/8/2023
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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM
PROPOSED PLAN AND PROFILE - HDD 85
DELAWARE TURNPIKE CROSSING, CONDUIT 2
SCHENECTADY COUNTY, NY

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162
BRIERLEY PROJECT NO. 322004-000
DRAWING NO. **C-362**
DATE 06/09/2023
SH.NO. XX OF 189

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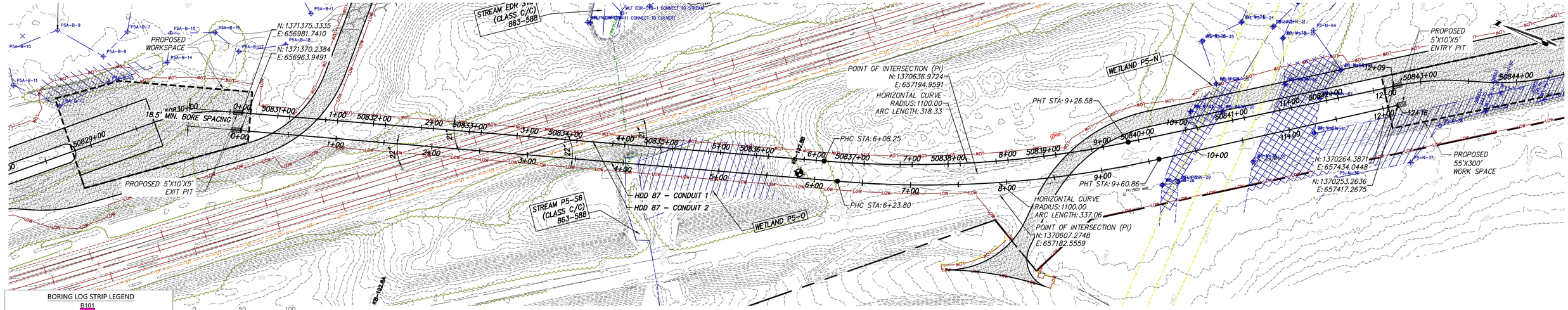

PROPOSED HDD 87, CONDUIT 1 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

Blow Counts per 6" = 10-10-10

Recovery %/RQD % = 95%/90%

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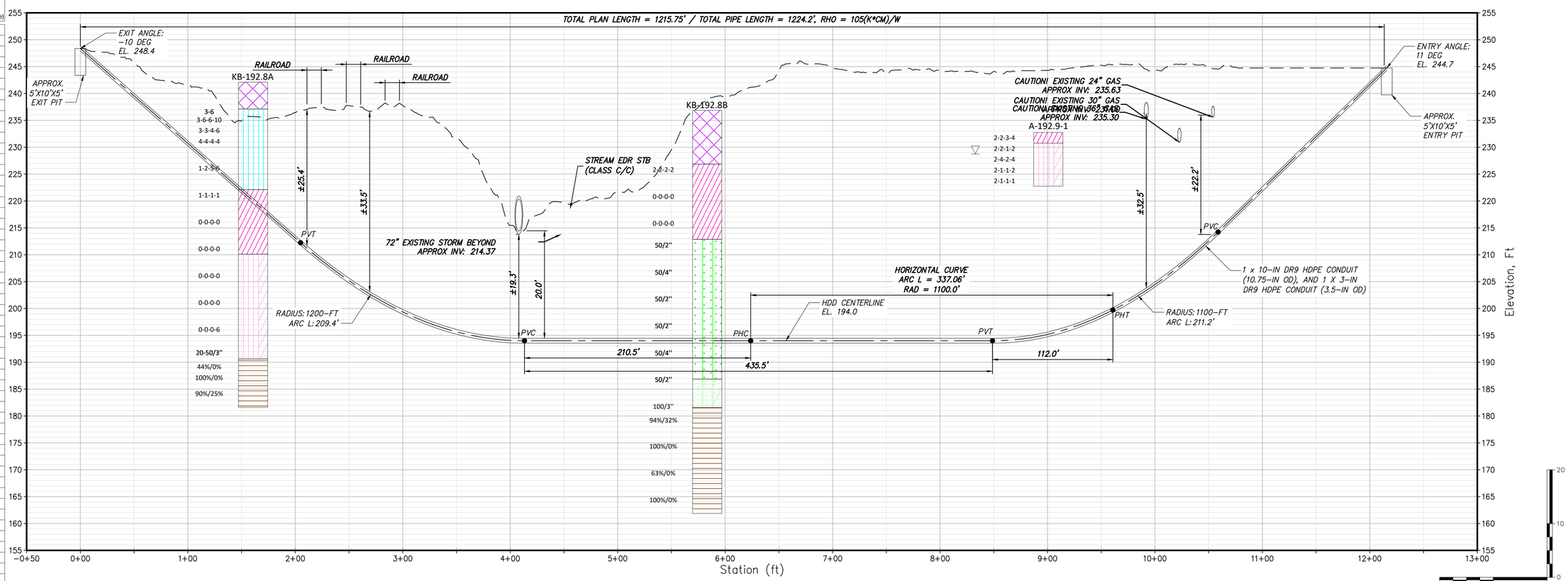

PROPOSED HDD 87, CONDUIT 1 – PROFILE

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

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CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 87

CSX RAILROAD/ EXISTING STORM CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-363**

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BJM | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

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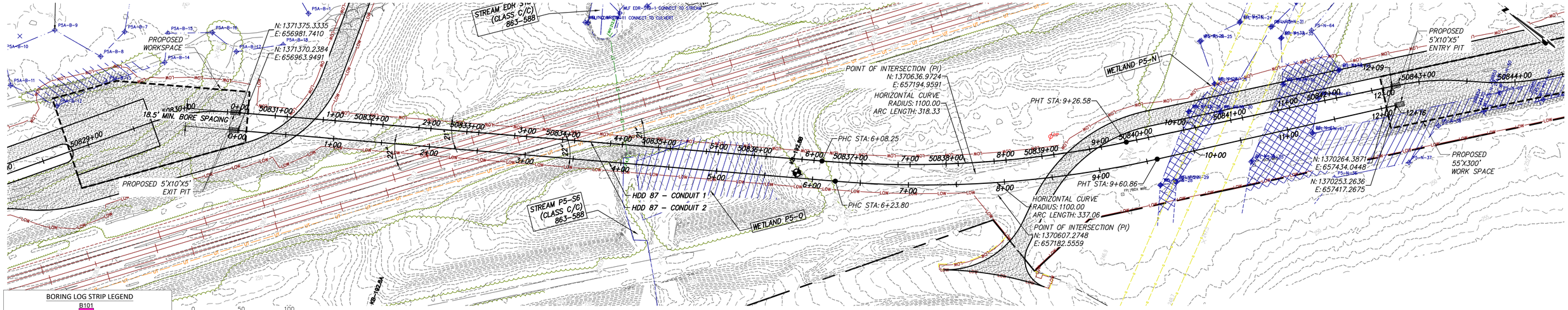
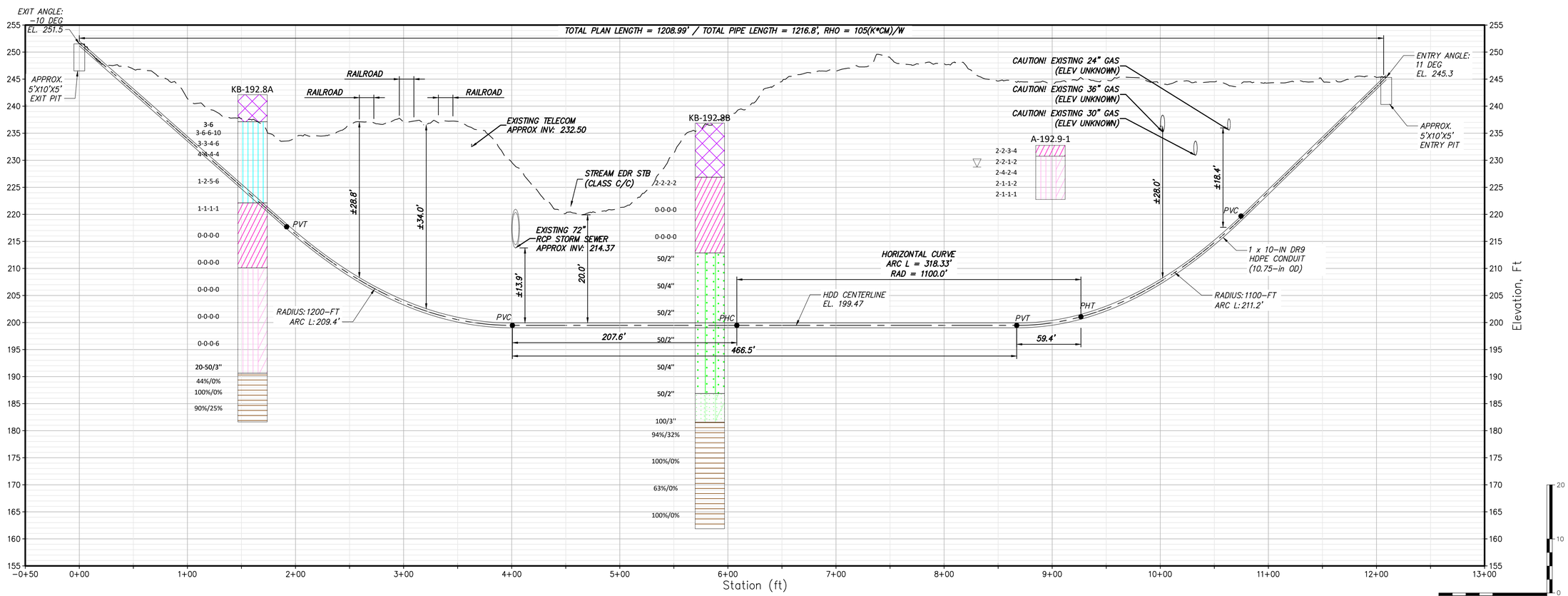


PROPOSED HDD 87, CONDUIT 2 – PLAN

SCALE: 1" = 50'



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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	BD

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 87

CSX RAILROAD / EXISITNG STORM CROSSING, CONDUIT 2

SCHENECTADY COUNTY, NY

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE: AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-364**

DATE 06/09/2023

SH.NO. XX OF 189

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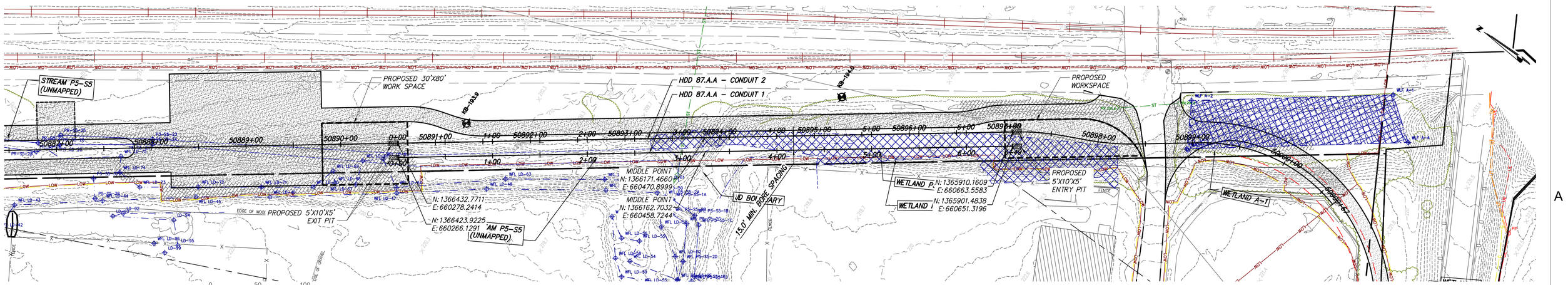
LastSavedBy: bconnelly



PROPOSED HDD 87.A.A, CONDUIT 1 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

Blow Counts per 6" = 10-10-10

Recovery %/RQD % = 95%/90%

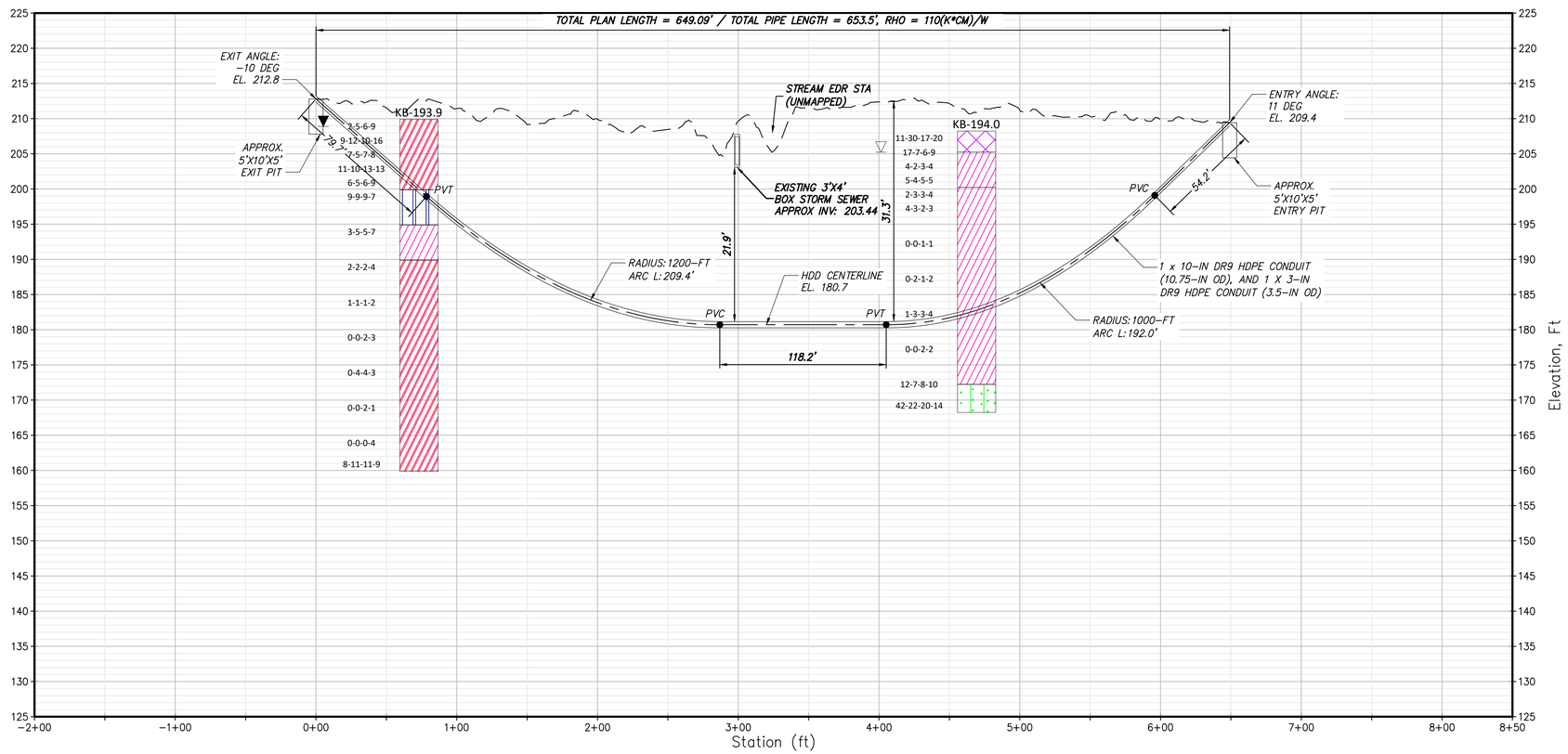
11000psi =UCS

2D strip logs shown at 10x exaggeration

3D strip logs have no exaggeration

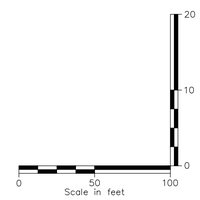
Boring ground elevations are from survey data and topo maps (or approximated from Google Earth when topo or survey aren't available)

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
Topsoil	Topsoil
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



PROPOSED HDD 87.A.A, CONDUIT 2 – PROFILE

SCALE: 1" = 50'



CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
Creating Space Underground
26 Smith Pl, Ste 2, Cambridge, MA 02138
PHONE: 617.714.5784

6/8/2023

STATE OF NEW YORK · BRIAN C. DORWART · 080342 · LICENSED PROFESSIONAL ENGINEER

HDD 87A.A CIRCUIT #1 PROFILE

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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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	BD

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM

PROPOSED PLAN AND PROFILE - HDD 87.A.A

EXISTING STORM LINE CROSSING, CONDUIT 1

SCHENECTADY COUNTY, NY

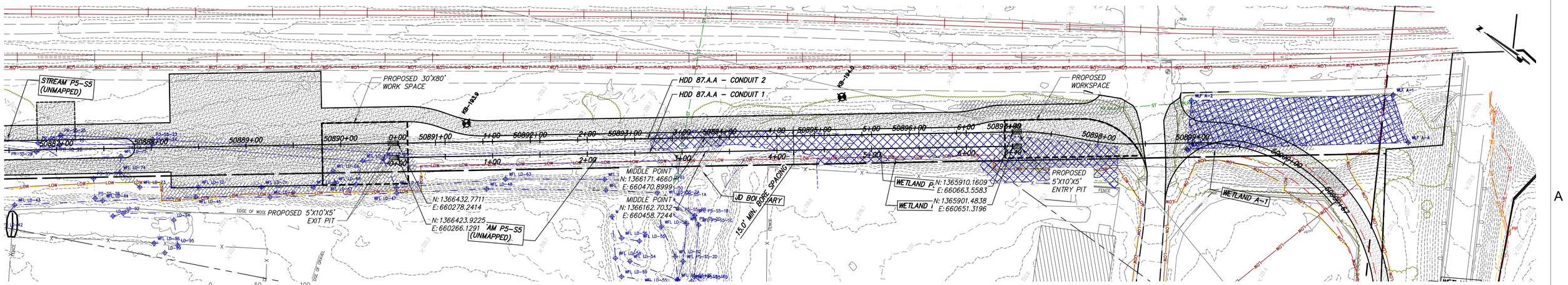
KIEWIT PROJECT NO. 21162

BRIERLEY PROJECT NO. 322004-000

DRAWING NO. **C-365**

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0 | DATE 06/09/2023 | SH.NO. XX OF 189

File: C:\USERS\BCONNELLY\DC\ACCDOCS\BRIERLEY ASSOCIATES\322004-000 CHAMPLAIN HUDSON POWER EXPRESS\PROJECT FILES\40 DESIGN ENG\PACKAGE 5\5A_BA-HDD CIVIL SHEETS\CHPE_5A_C_365-368.DWG Saved: 5/31/2023 11:51:25 AM Plotted: 6/7/2023 10:23:04 PM Current User: Brian Connelly
LastSavedBy: bconnelly



PROPOSED HDD 87.A.A, CONDUIT 2 – PLAN

SCALE: 1" = 50'

BORING LOG STRIP LEGEND

B101

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
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Legend	
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Bedrock	Bedrock
Boulder	Boulder
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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
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MH	Elastic SILT
ML	SILT
OH	ORGANIC Fat CLAY
OL	ORGANIC Lean CLAY
OL/OH	ORGANIC SOIL
PT	PEAT
Rock	Rock
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SC	CLAYEY SAND
SC-SM	SILT, CLAYEY SAND
SHALE	Shale
SILTSTONE	Siltstone
SM	SILTY SAND
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SW-SC	Well Graded SAND with CLAY
SW-SM	Well Graded SAND with SILT
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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
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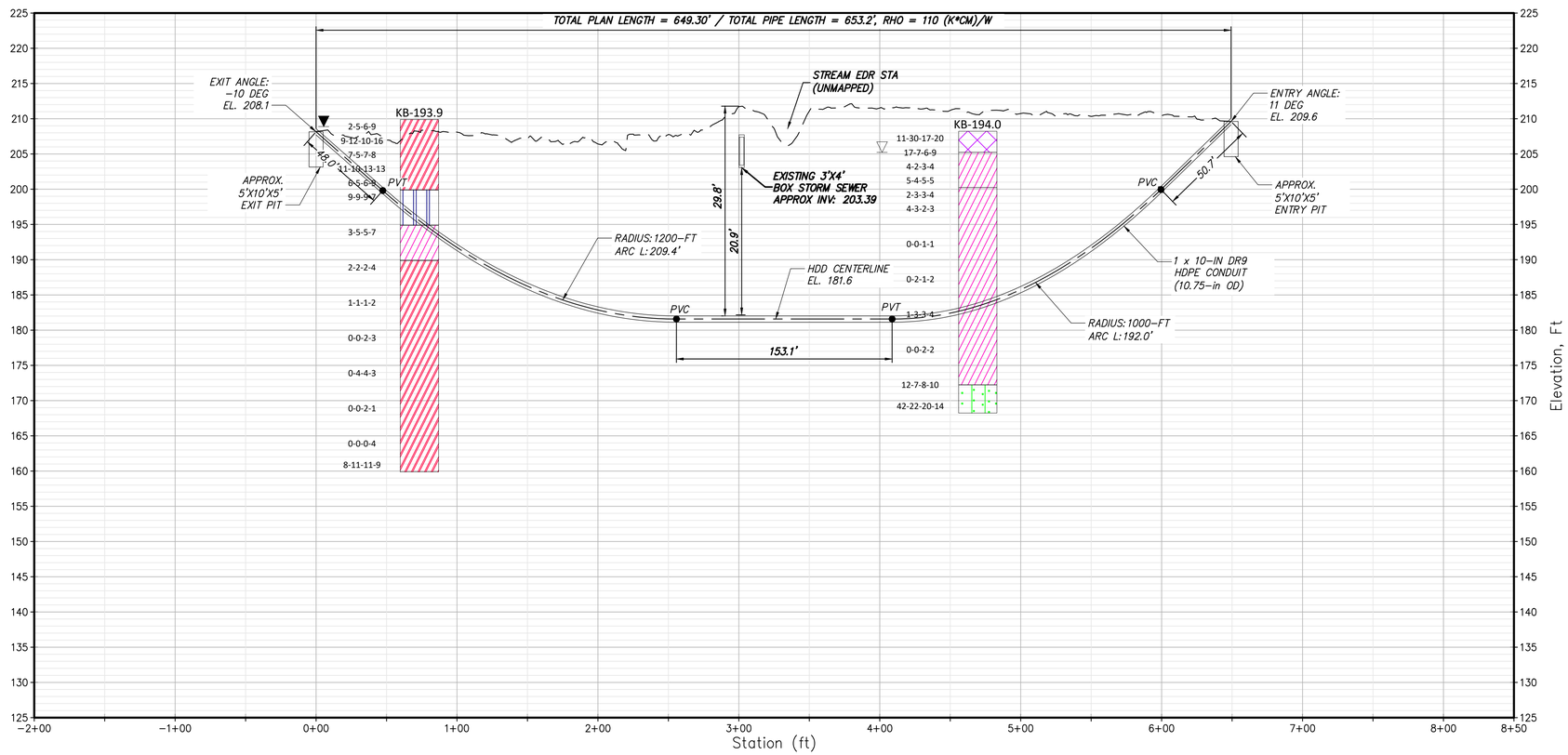

PROPOSED HDD 87.A.A, CONDUIT 2 – PROFILE

SCALE: 1" = 50'

Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

BRIERLEY ASSOCIATES
Creating Space Underground
26 Smith Pl, Ste 2, Cambridge, MA 02138
PHONE: 617.714.5784

6/8/2023

STATE OF NEW YORK · BRIAN C DORWART · 080342 · LICENSED PROFESSIONAL ENGINEER

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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	BD

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM TO BETHLEHEM
PROPOSED PLAN AND PROFILE - HDD 87.A.A
EXISTING STORM LINE CROSSING, CONDUIT 2
SCHENECTADY COUNTY, NY

DRAWN BY: BC | DESIGNED BY: NS | APPROVED BY: BD | SCALE AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162
BRIERLEY PROJECT NO. 322004-000
DRAWING NO. **C-366**
DATE 06/09/2023
SH.NO. XX OF 189

File: C:\USERS\BCONNELLY\DC\ACCDOCS\BRIERLEY ASSOCIATES\322004-000 CHAMPLAIN HUDSON POWER EXPRESS\PROJECT FILES\40 DESIGN ENG\PACKAGE 5\5A_BA-HDD CIVIL SHEETS\CHPE_5A_C_365-368.DWG Saved: 5/31/2023 11:51:25 AM Plotted: 6/7/2023 10:24:55 PM Current User: Brian Connelly
LastSavedBy: bconnelly

E&SC KEY PLAN

SCALE: 1" = 2000'

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

STATE OF NEW YORK · MICHAEL DALE HUEBER · 103692 · LICENSED PROFESSIONAL ENGINEER

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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	NH

CHAMPLAIN HUDSON POWER EXPRESS

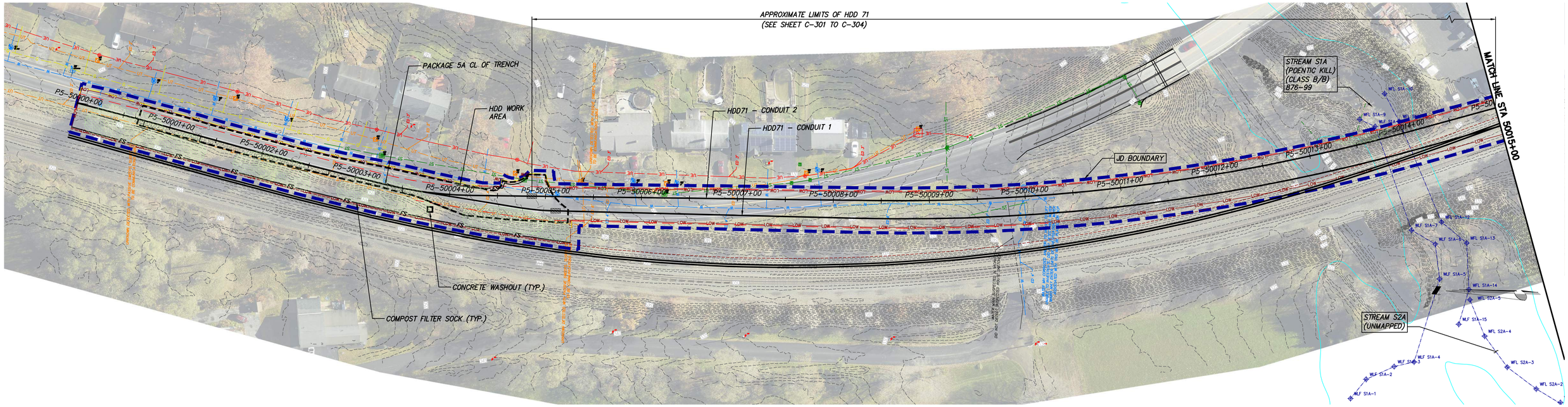
SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM

E&SC KEY PLAN

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-400

DRAWN BY:	DESIGNED BY:	APPROVED BY: NH	SCALE	AS SHOWN	DATE 6/2/2023
			REV. NO.	0	SH.NO. OF

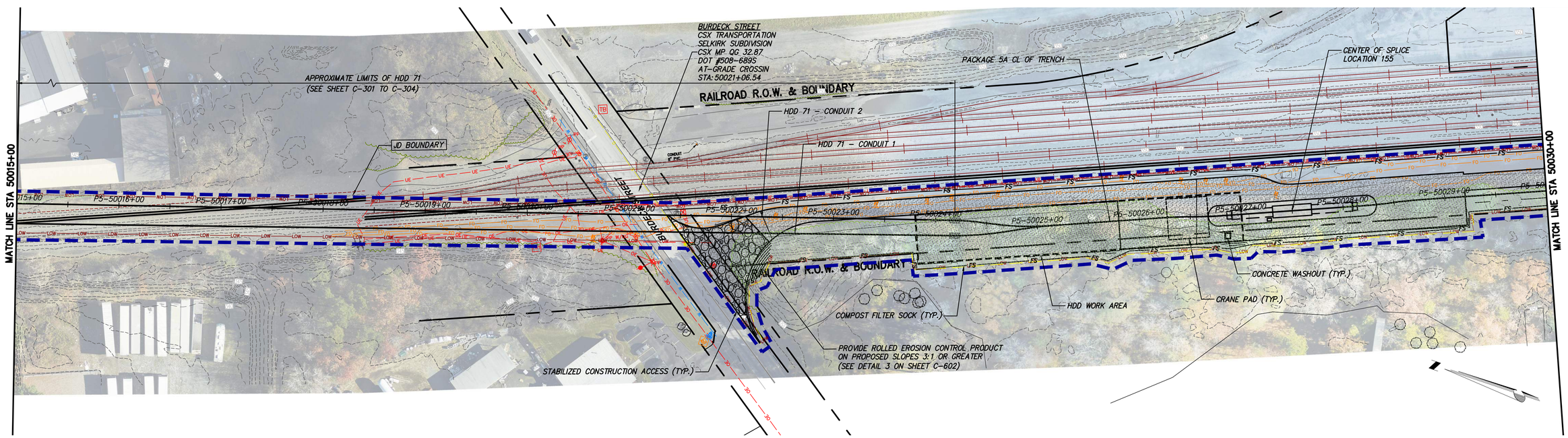
File: P:\120174-CHPE_CABLE_INSTALL-KIEWIT\60_CAD\20_ENGINEERING_CAD_FILES\PACKAGE_5A\NY_ENVIRONMENTAL_(EROSION_CONTROL)\01_JKCE\SHEET_FILES\21162_5A_C400.DWG Saved: 5/31/2023 8:45:34 PM Plotted: 6/2/2023 11:29:02 AM Current User: Tianming Hao LastSavedBy: thao



STA. 50000+00 TO STA. 50015+00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet



STA. 50015+00 TO STA. 50030+00 PLAN VIEW

SCALE: 1" = 50'

0 50 100
Scale in feet

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

STATE OF NEW YORK · SAMUEL DALE NYGREN · 103692 · LICENSED PROFESSIONAL ENGINEER

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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	NH

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM

EROSION AND SEDIMENT CONTROL PLAN
STA. 50000+00 TO STA. 50030+00

DRAWN BY: MK | DESIGNED BY: MK | APPROVED BY: NH | SCALE | REV. NO. 0

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-401
DATE	6/7/2023
SH.NO.	OF

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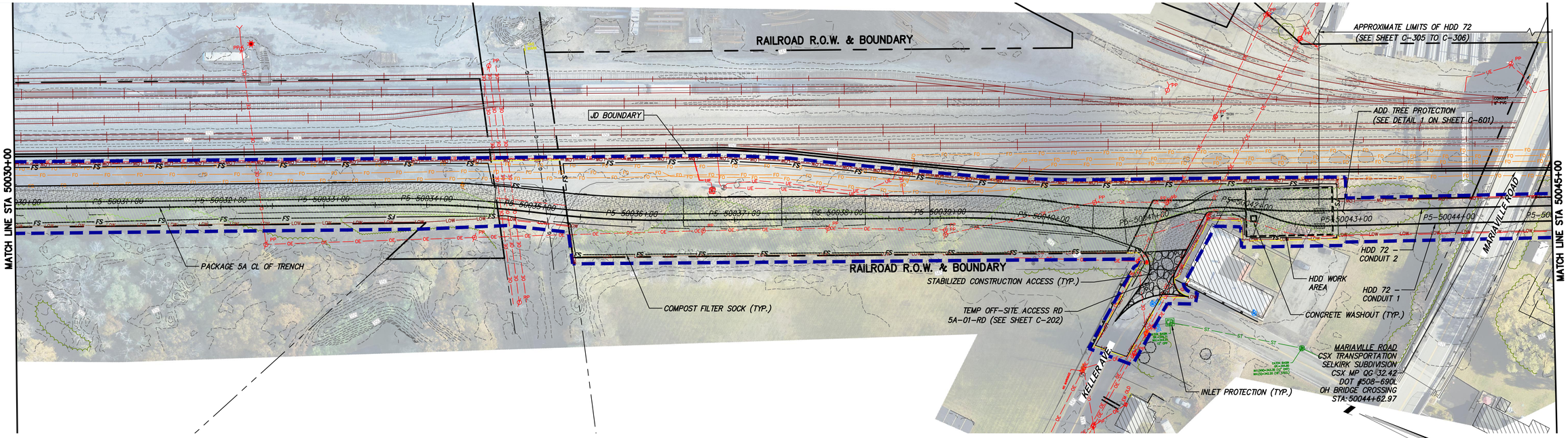
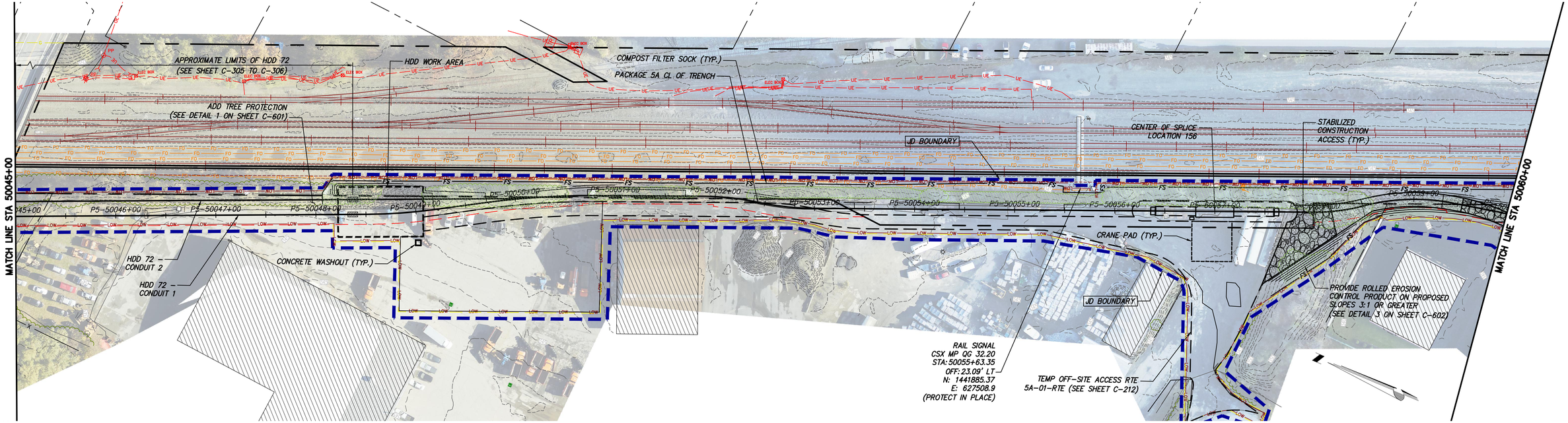


STA. 50030+00 TO STA. 50045+00 PLAN VIEW

SCALE: 1" = 50'



STA. 50045+00 TO STA. 50060+00 PLAN VIEW

SCALE: 1" = 50'

CHPE Champlain Hudson Power Express

Kiewit

Engineering and Land Surveying, P.C.

STATE OF NEW YORK · SAMUEL DALE NYPRER · 103692 · LICENSED PROFESSIONAL ENGINEER

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0	06/09/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	NH

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM

EROSION AND SEDIMENT CONTROL PLAN

STA. 50030+00 TO STA. 50060+00

DRAWN BY: MK | DESIGNED BY: MK | APPROVED BY: NH | SCALE AS SHOWN | REV. NO. 0

KIEWIT PROJECT NO. 21162

KC PROJECT NO. 120174

DRAWING NO. C-402

DATE 6/9/2023

SH.NO. OF

File: P:\120174-CHPE_CABLE_INSTALL-KIEWIT\60_CAD\20_ENGINEERING_CAD_FILES\PACKAGE_5A\NY_ENVIRONMENTAL_(EROSION_CONTROL)\01_KCE\SHEET_FILES\21162_5A_C401-TO-C410.DWG Saved: 6/8/2023 5:10:35 PM Plotted: 6/9/2023 9:29:00 AM Current User: Tianning Hao LastSavedBy: mkwok