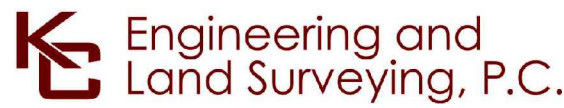
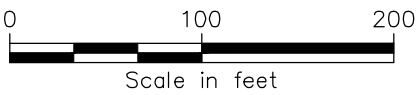




STAGING AND WORK AREA – BRONX
SCALE: 1" = 50'



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.

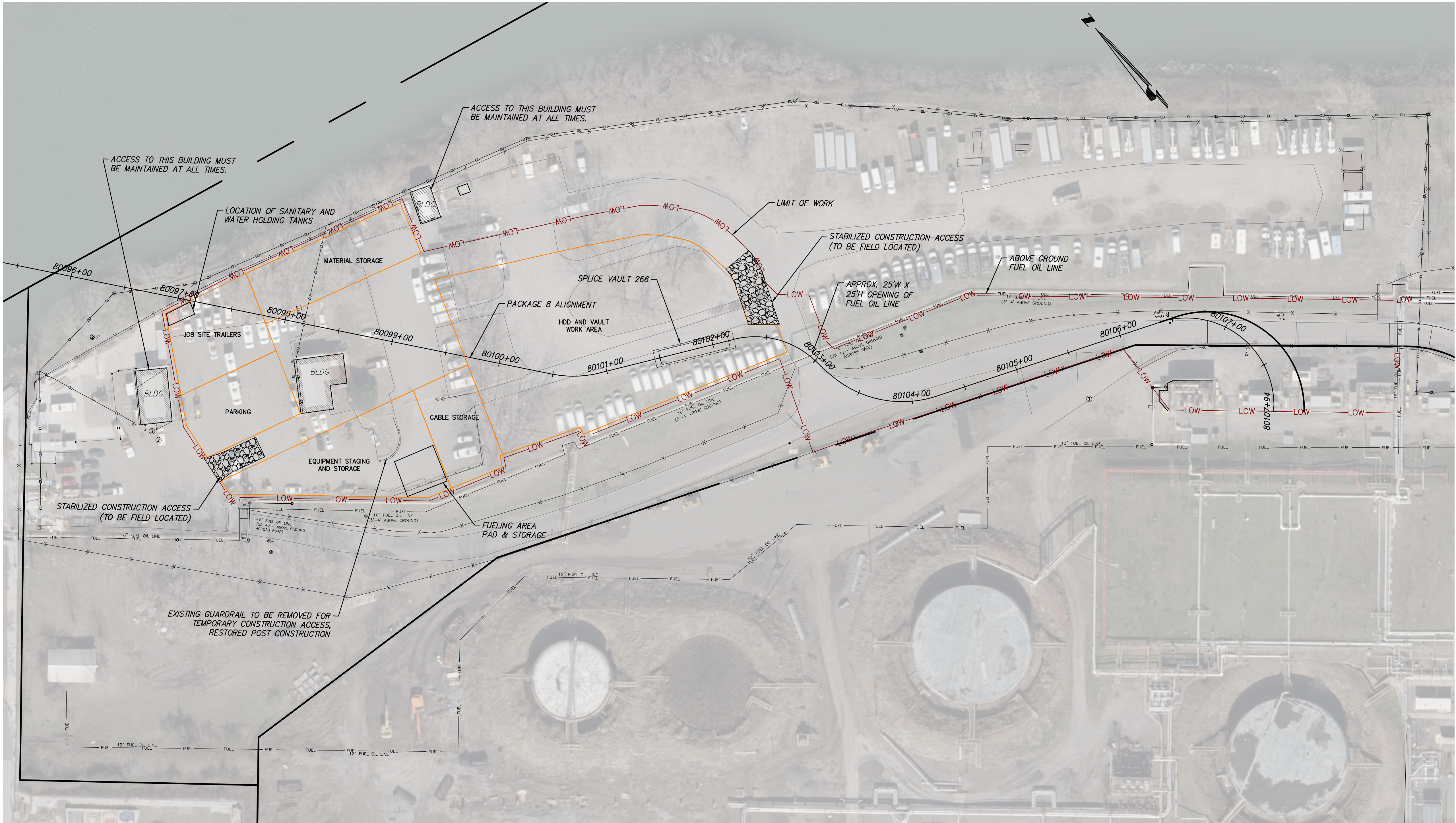
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0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	CV
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STAGING AND LAYDOWN AREA - BRONX

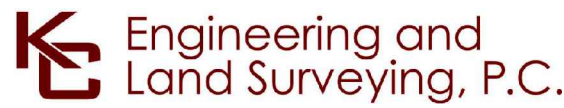
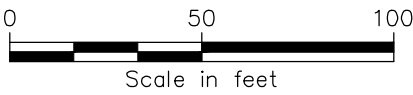
DRAWN BY:	MK	DESIGNED BY:	MK	APPROVED BY:	CV	SCALE	AS SHOWN	DATE	07/31/2023
						REV. NO.	0	SH. NO.	18 OF

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-201

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STAGING AND LAYDOWN AREA – ASTORIA
SCALE: 1" = 50'



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.

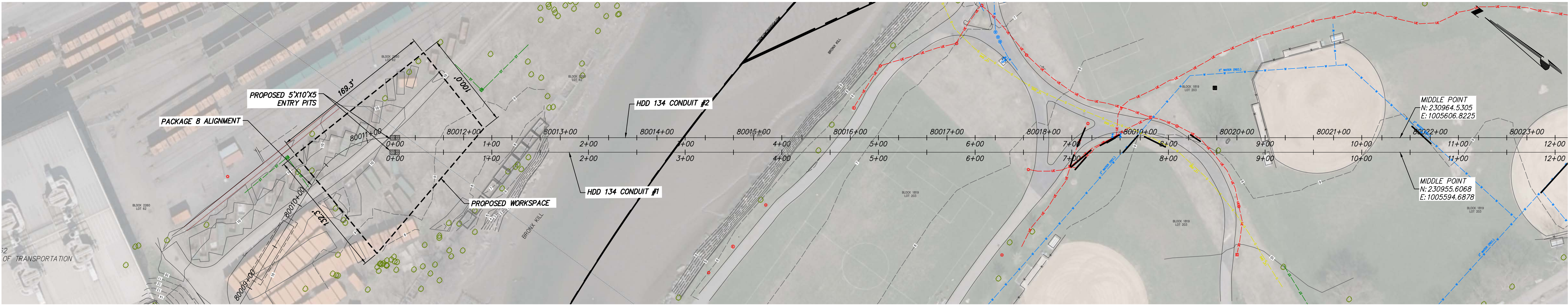
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0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION		MK CV
No.	DATE	SUBMITTAL / REVISION DESCRIPTION		DB APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STAGING AND LAYDOWN AREA - ASTORIA

DRAWN BY:	MK	DESIGNED BY:	MK	APPROVED BY:	CV	SCALE	AS SHOWN	DATE	07/31/2023
						REV. NO.	0	SH. NO.	19 OF

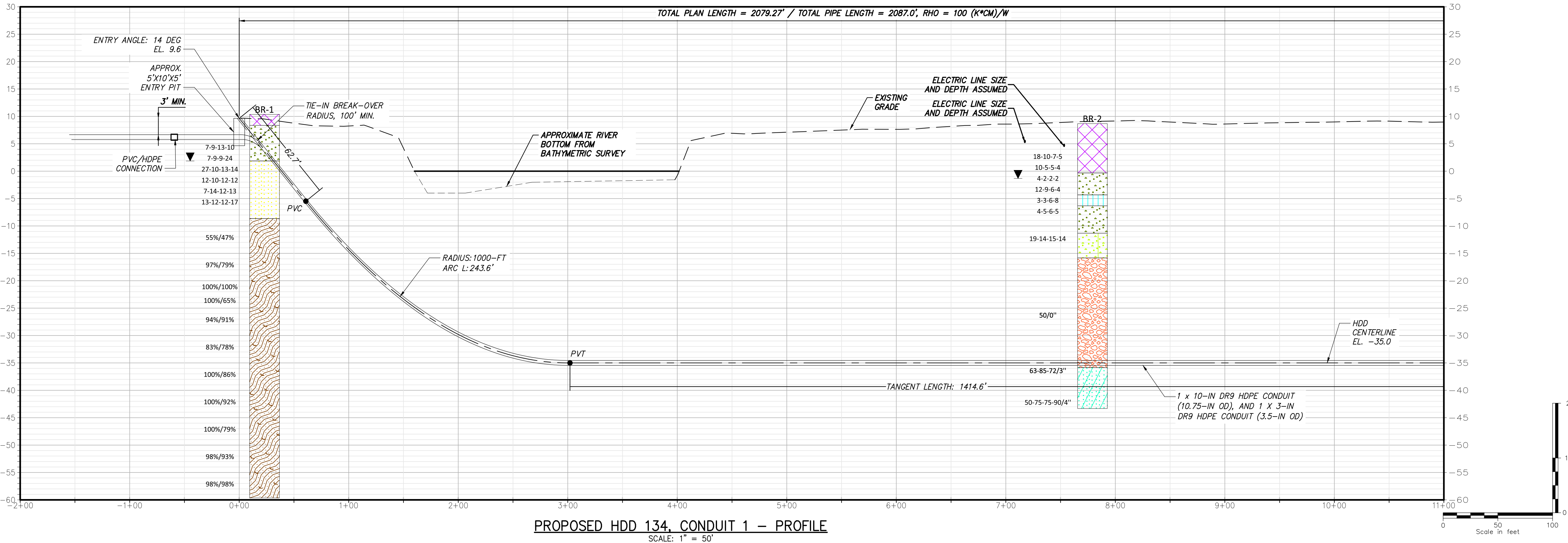
KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-202

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PROPOSED HDD 134 CONDUIT 1- PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10 Recovery %/RQD % = 95%/90%		
8101 11000 = UCS		
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	
DH	ORGANIC Fat CLAY	
DL	ORGANIC Lean CLAY	
DL/DH	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	



PROPOSED HDD 134 CONDUIT 1 - PROFILE
SCALE: 1" = 50'



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.

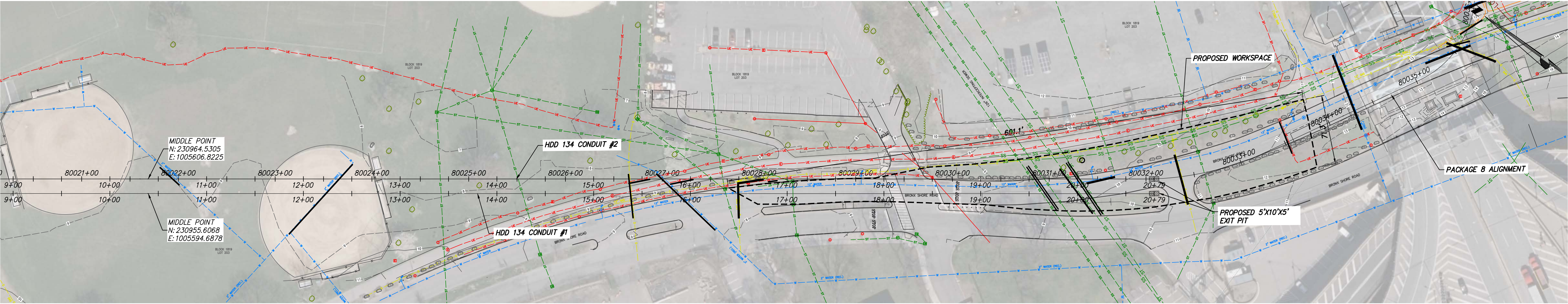
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #134 CROSSING, CONDUIT 1
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.	E	SH. NO.	1 OF XX

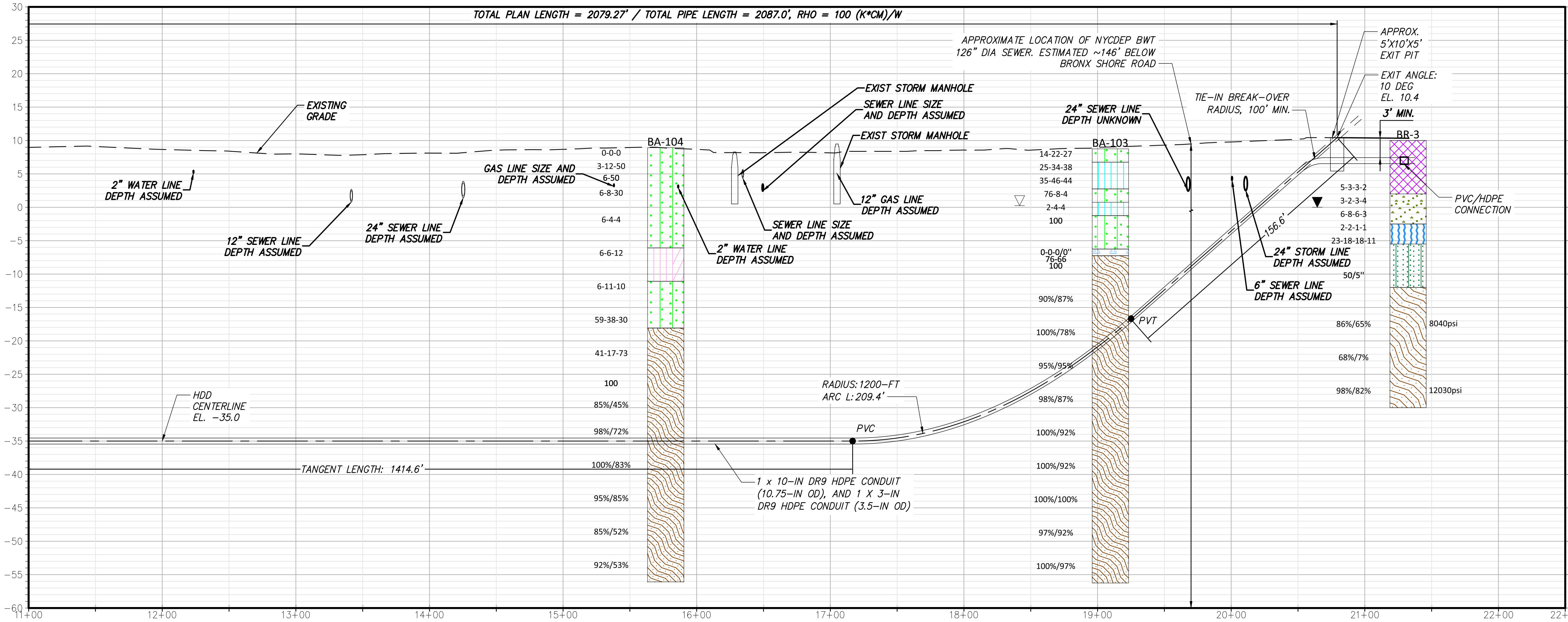
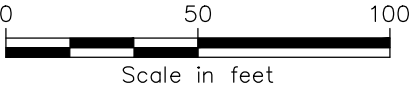
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-301

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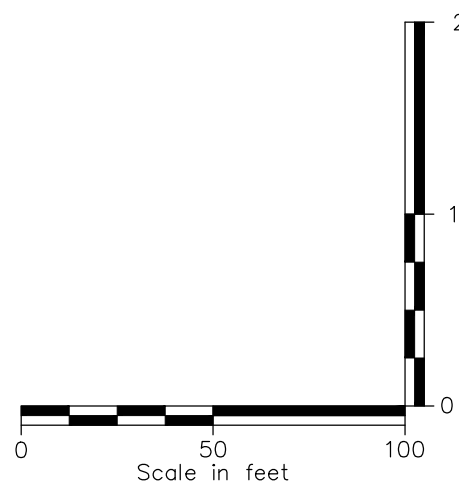


PROPOSED HDD 134, CONDUIT 1 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND	
Blow Counts per 6" = 10-10-10	Recovery %/RQD % = 95%/90%
8101	11000 = UCS
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	Subgrayswacke
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 134, CONDUIT 1 – PROFILE
SCALE: 1" = 50'



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.

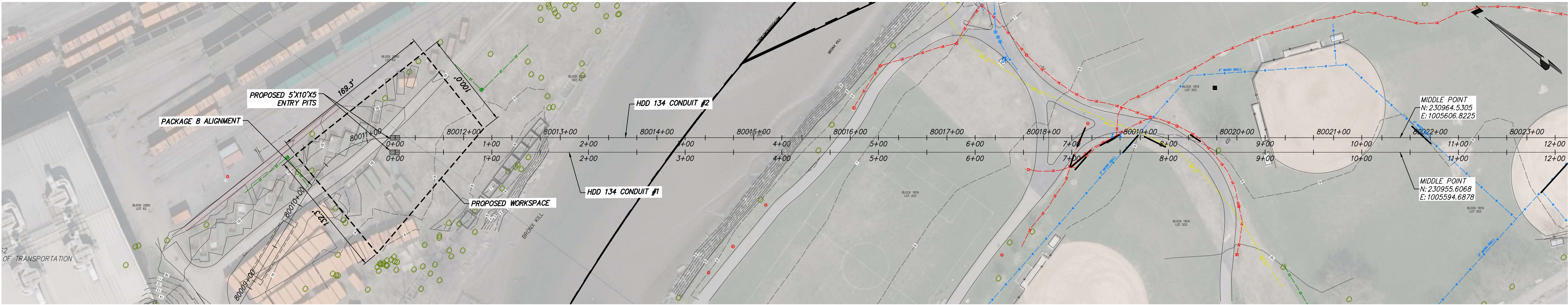
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #134 CROSSING, CONDUIT 1
NEW YORK COUNTY, NY

DRAWN BY: BC DESIGNED BY: NS APPROVED BY: AM
SCALE: AS SHOWN
REV. NO. E SH. NO.

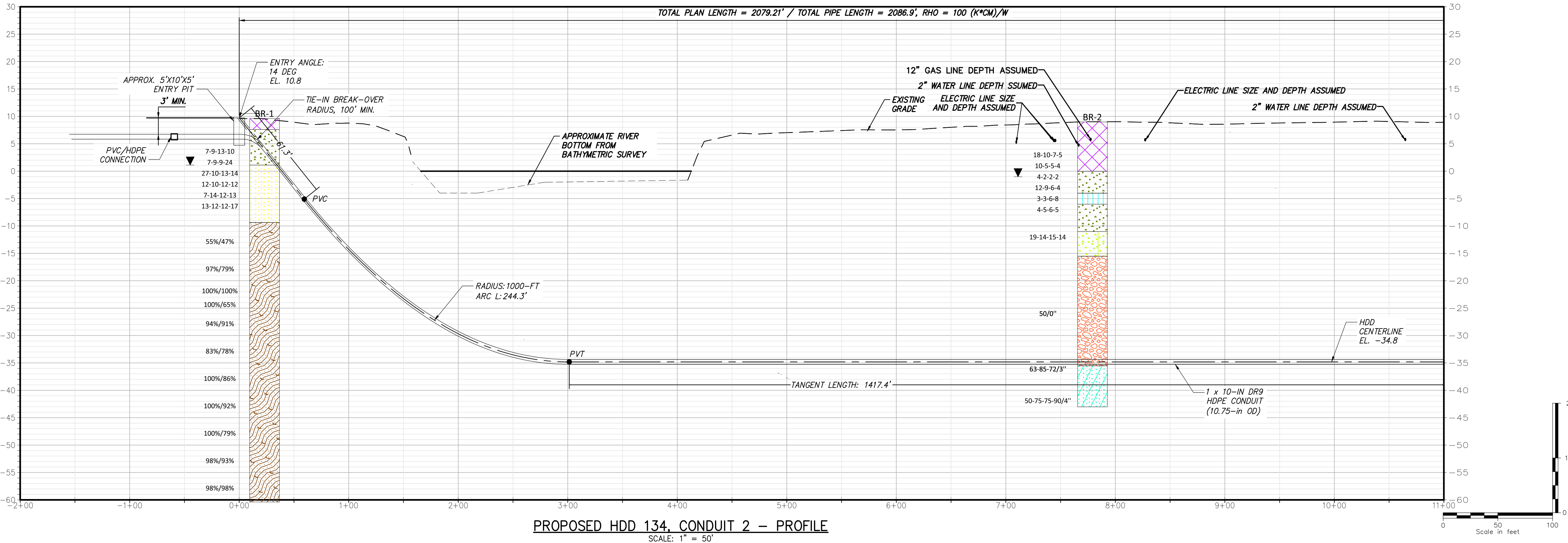
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-302
DATE	07/07/2023
SH. NO.	2 OF XX

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Comnelly LastSavedBy: bonnelly
Saved: 7/25/2023 5:24:41 PM Plotted: 7/26/2023 10:05:02 AM Current User: Bron



PROPOSED HDD 134, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10 Recovery %/RQD % = 95%/90%		
11000 = UCS		
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	
DH	ORGANIC Fat CLAY	
DL	ORGANIC Lean CLAY	
DL/DH	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	



PROPOSED HDD 134, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #134 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY: BC DESIGNED BY: NS APPROVED BY: AM SCALE: AS SHOWN DATE: 07/07/2023
REV. NO. E SH. NO. 3 OF XX

KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-303

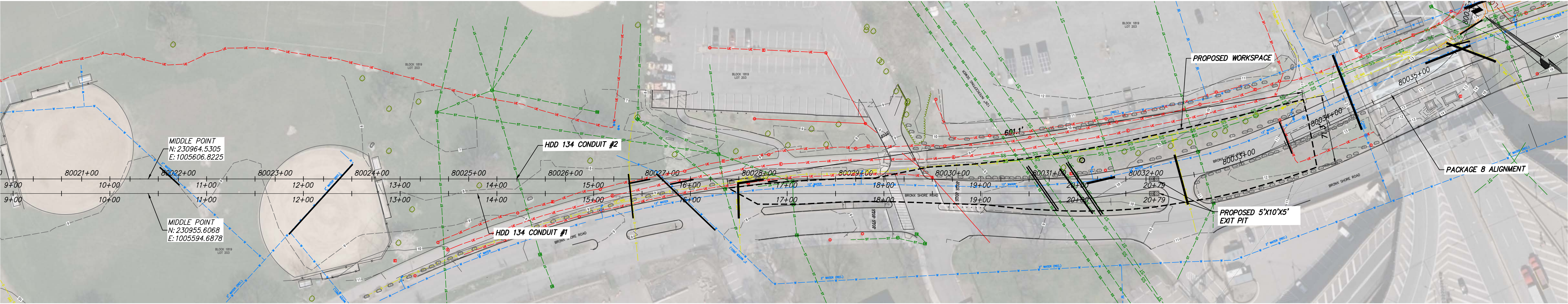
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1

2

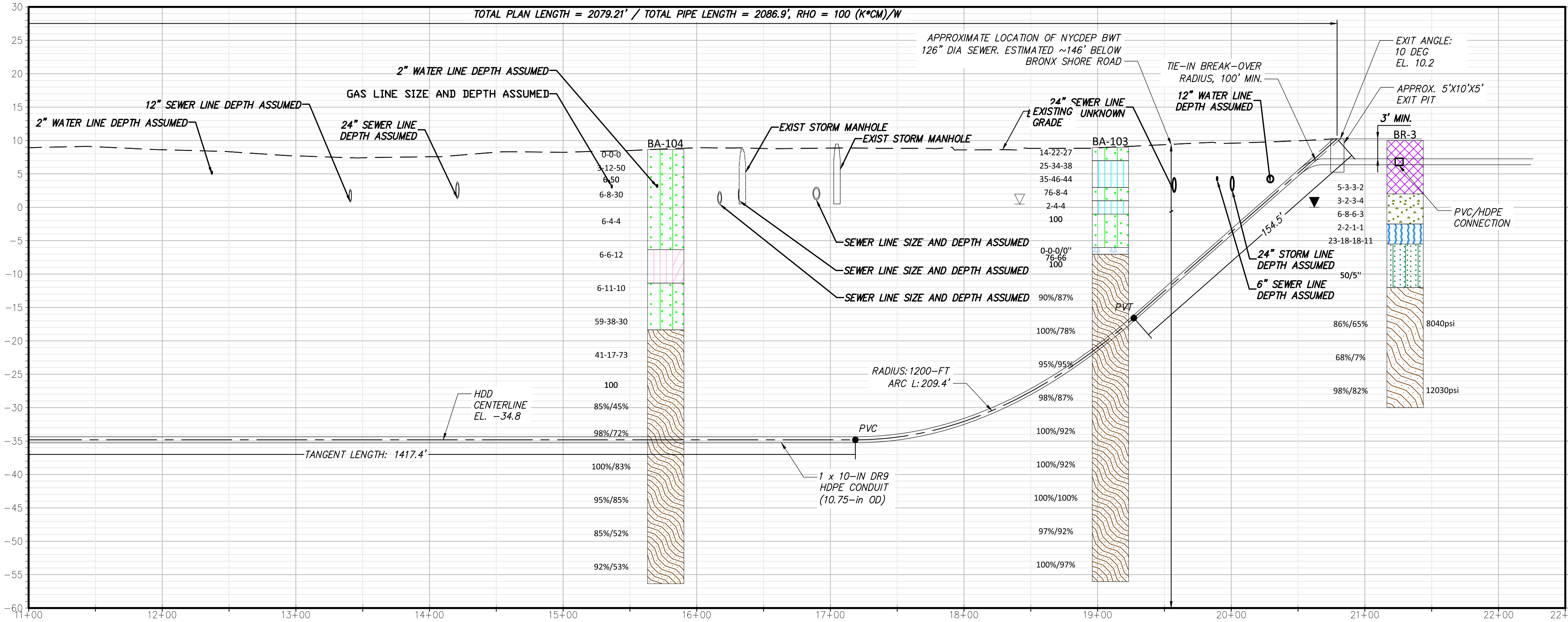
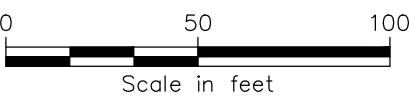
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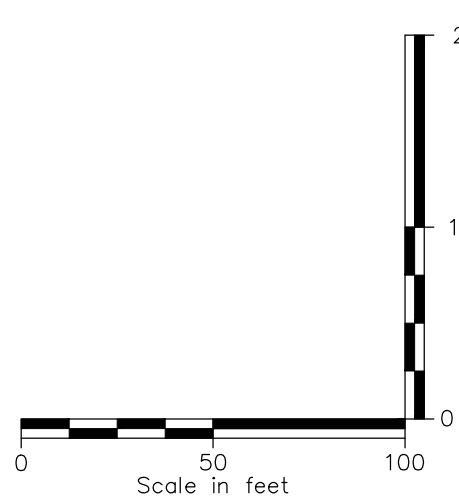


PROPOSED HDD 134, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND	
Blow Counts per 6" = 10-10-10	8101
Recovery %/RQD % = 95%/90%	11000 = UCS
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
DH	ORGANIC Fat CLAY
DL	ORGANIC Lean CLAY
DL/DH	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 708	Gneiss
USGS 708	Gneiss
USGS 718	Granite 1
Void	Void
Water	Water
Weathered Rock	Underlaid
Water Table	Water Table during drilling
Delayed Water Table	Water Table after drilling



PROPOSED HDD 134, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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.

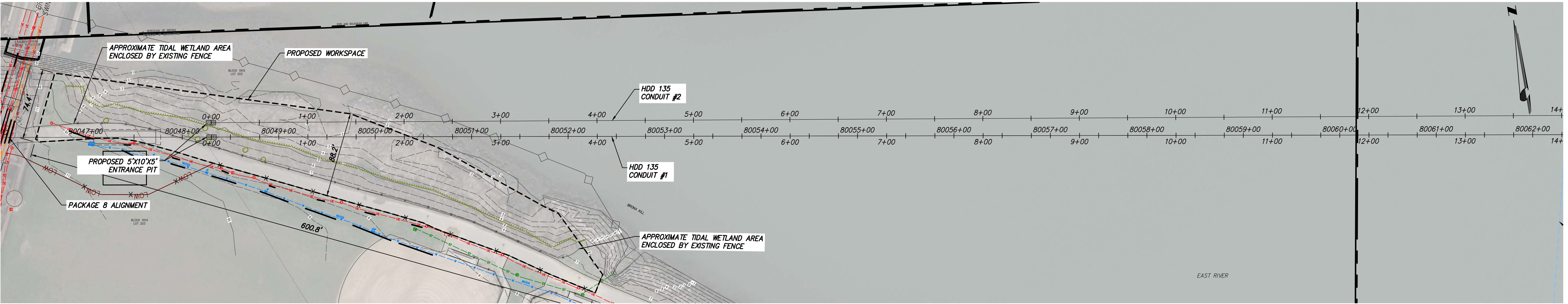
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #134 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
REV. NO.								SH. NO.	4 OF XX

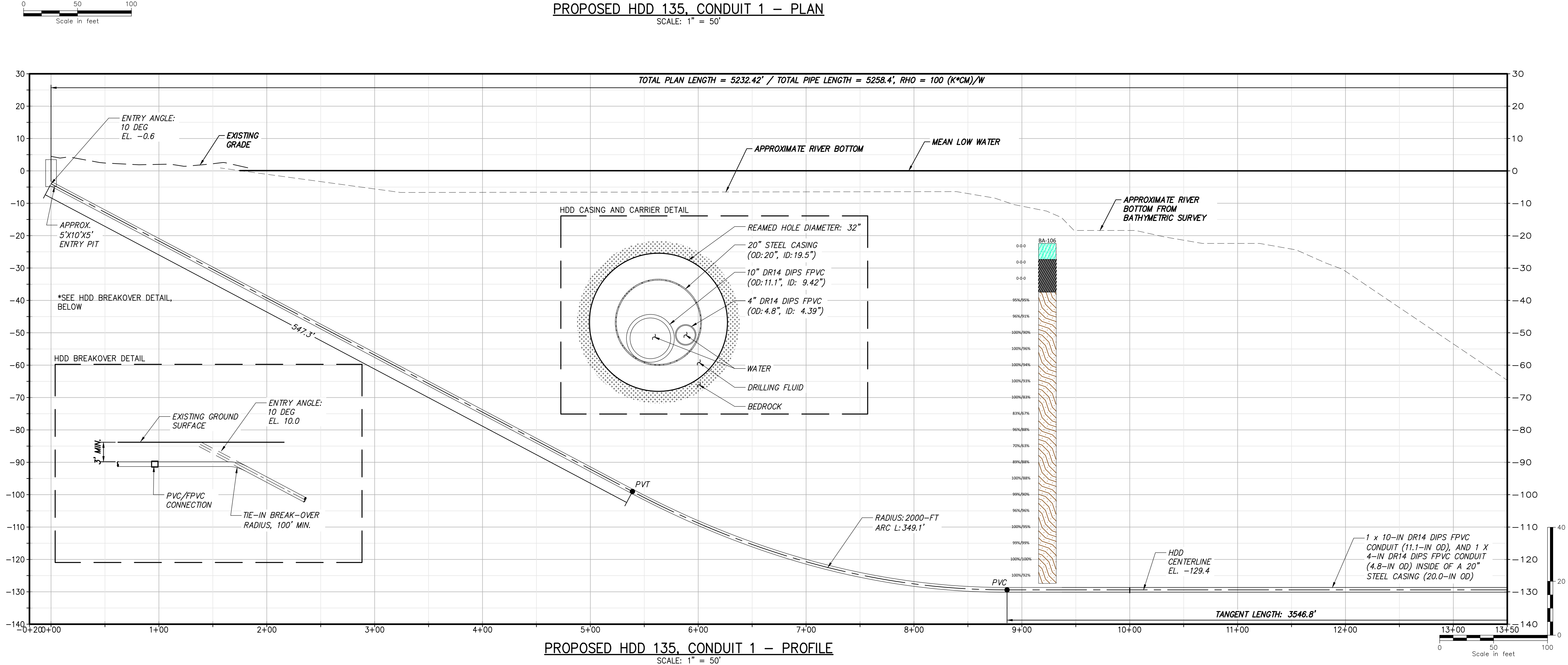
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-304
DATE	07/07/2023
SH. NO.	4 OF XX

File: C:\USERS\CONNELLY\Documents\BRIERLEY ASSOCIATES\322004-000 CHAMPLAIN HUDSON POWER EXPRESS\PROJECT FILES\40 DESIGN ENG\PACKAGE 8\REFERENCES\8_BA-HDD CIVIL SHEETS\PKG-8_C301-C312.DWG Saved: 7/25/2023 5:24:41 PM Plotted: 7/26/2023 10:06:09 AM Current User: Brian Connelly LastSavedBy: bconnelly



PROPOSED HDD 135, CONDUIT 1 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10		
Recovery %/RQD % = 95%/90%		
11000 = UCS		
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	



PROPOSED HDD 135, CONDUIT 1 – PROFILE
SCALE: 1" = 50'



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.

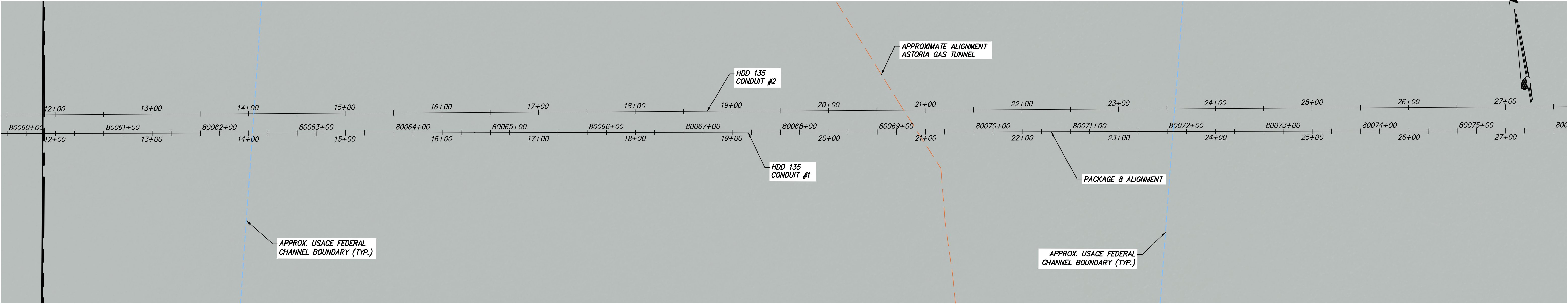
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 1
NEW YORK COUNTY, NY

KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-305
DATE	07/07/2023
SH.NO.	5 OF XX

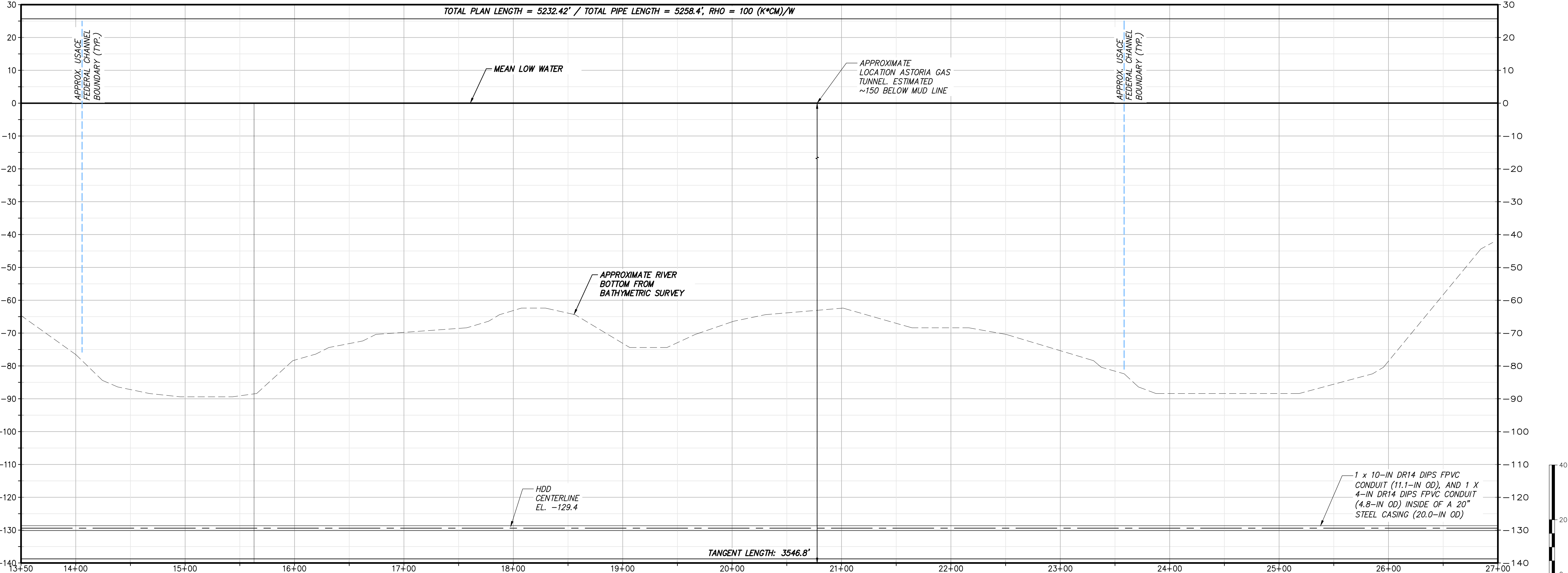
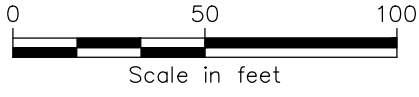
DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.			5 OF XX

File: C:\USERS\CONNELLY\Documents\ACCORDS\BRIERLEY ASSOCIATES\322004-000 CHAMPLAIN HUDSON POWER EXPRESS\PROJECT FILES\40 DESIGN ENG\PACKAGE 8\REFERENCES\8_BA-HDD CIVIL SHEETS\PKG-8_C301-C312.DWG Saved: 7/25/2023 5:24:41 PM Plotted: 7/26/2023 10:06:38 AM Current User: Brian



PROPOSED HDD 135, CONDUIT 1 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10		
Recovery %/RQD % = 95%/90%		
8101		
11000 = UCS		
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 135, CONDUIT 1 – PROFILE
SCALE: 1" = 50'



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.

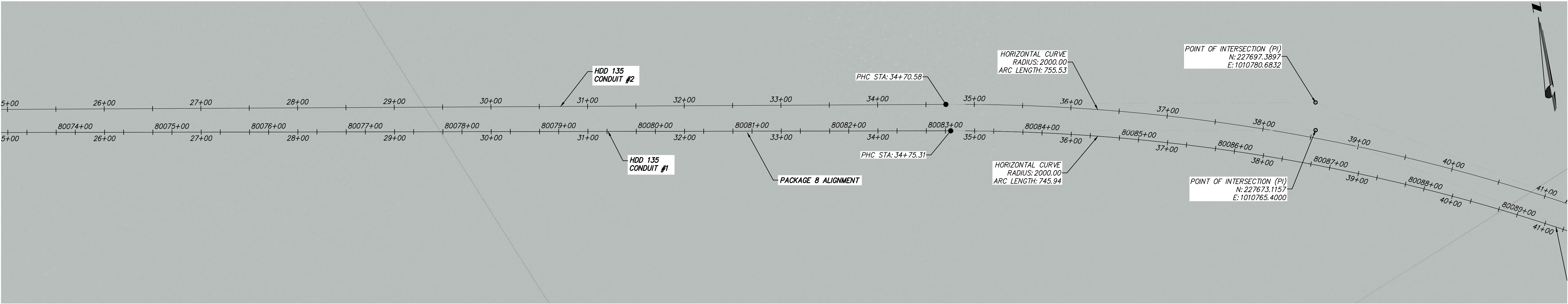
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 1
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.	E	SH. NO.	6 OF XX

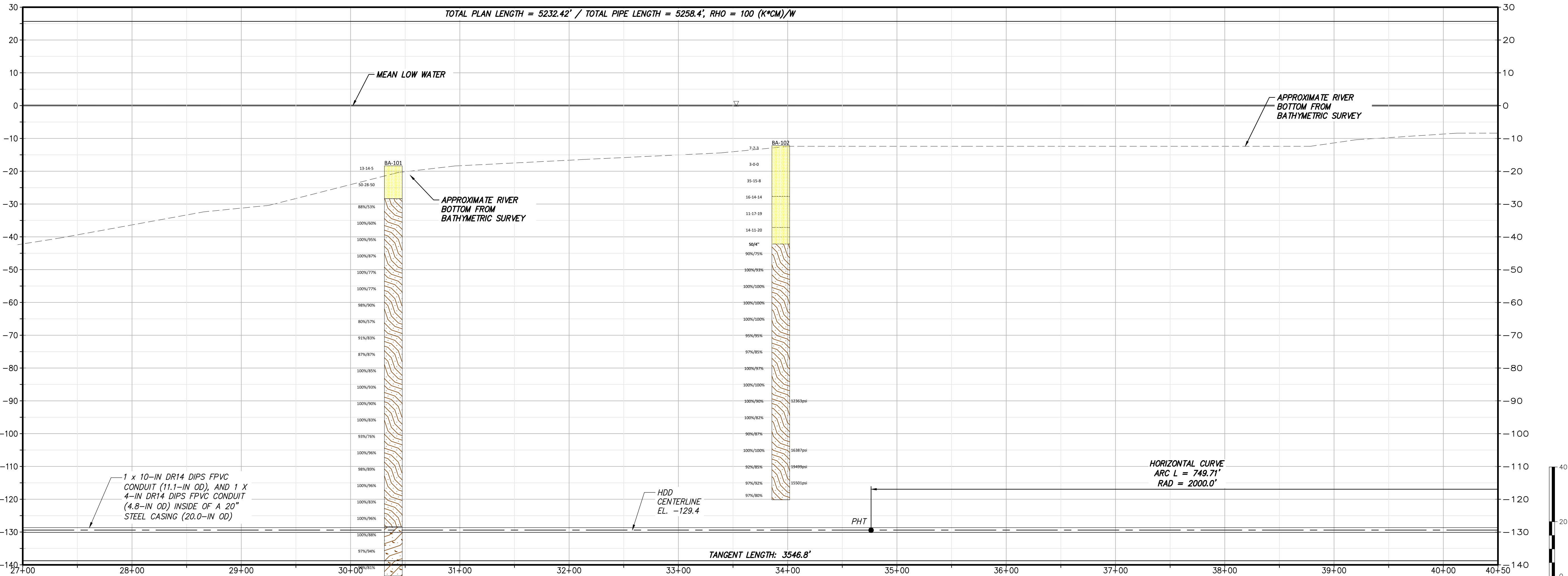
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-306

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PROPOSED HDD 135, CONDUIT 1 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10 Recovery %/RQD % = 95%/90%		
8101 11000 = UCS		
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-SH	SILT, CLAYEY SAND	
SHALE	Shale	
SILTSTONE	Siltstone	
SM	SILTY SAND	
SP	Poorly Graded SAND	
SP-SC	Poorly Graded SAND with CLAY	
SP-SH	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	Underlaid	
Water Table	Water Table during drilling	
Delayed Water Table	Water Table after drilling	



PROPOSED HDD 135, CONDUIT 1 – PROFILE
SCALE: 1" = 50'



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
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 1
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE:	AS SHOWN	DATE:	07/07/2023
REV. NO.	E	SH. NO.	7	OF	XX				

KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-307



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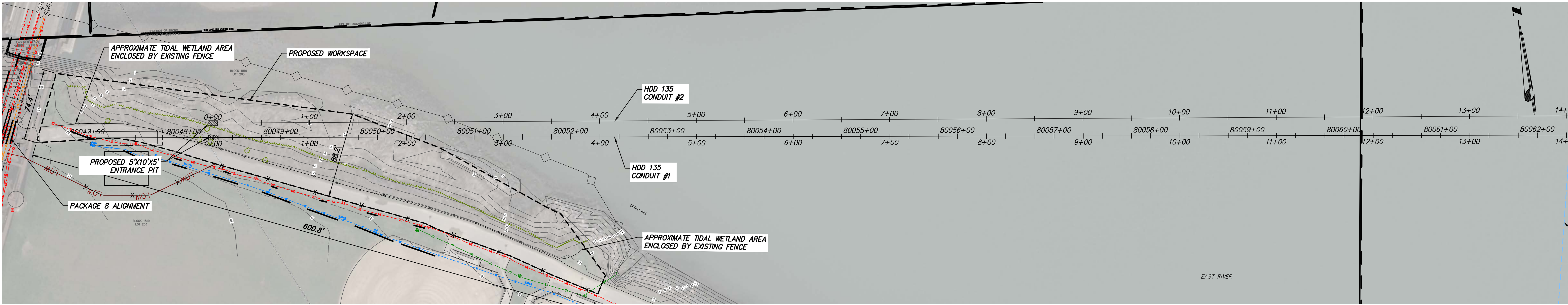
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0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

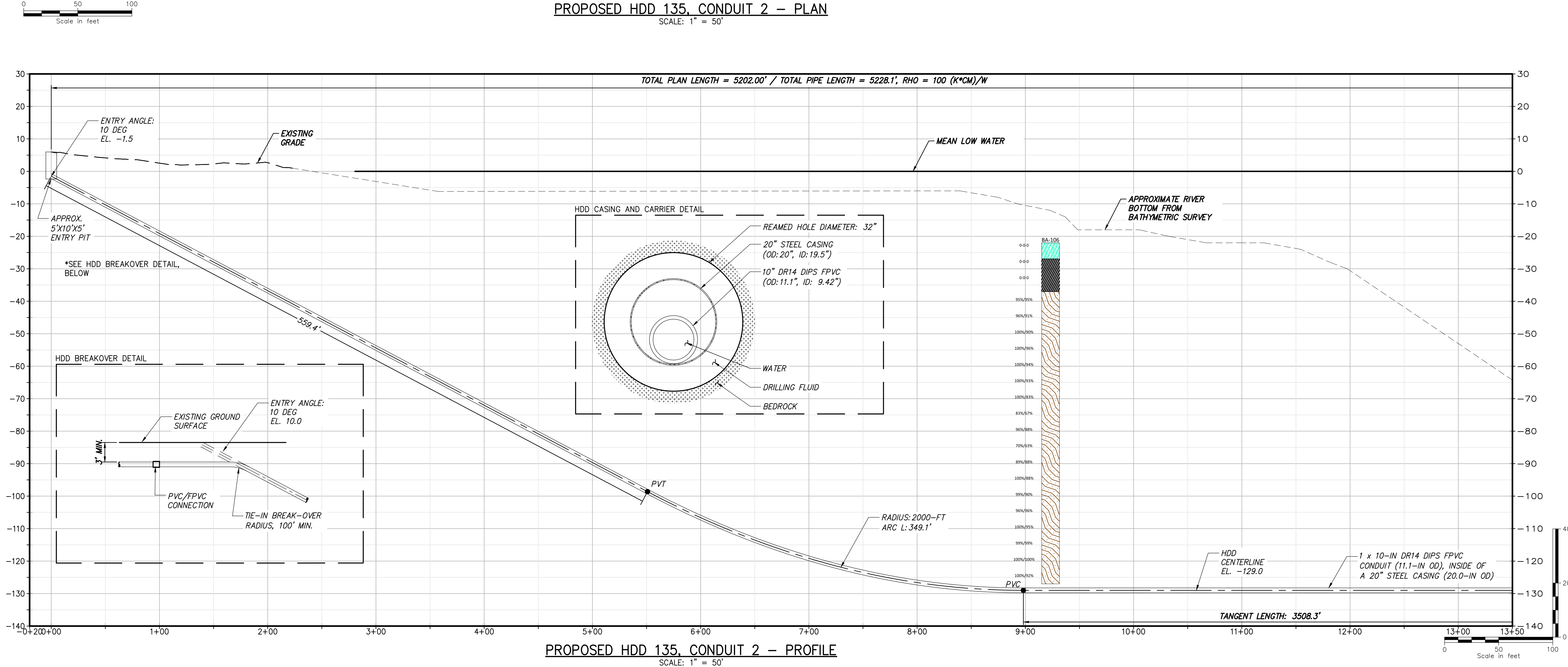
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322004-000	
DRAWING NO.	
C-308	
DATE	07/07/2023
SH.NO.	8 OF XX

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Current User: Brian
Saved: 7/25/2023 5:24:41 PM
Plotted: 7/26/2023 10:08:06 AM



PROPOSED HDD 135, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10		
Recovery %/RQD % = 95%/90%		
11000 = UCS		
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 135, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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.

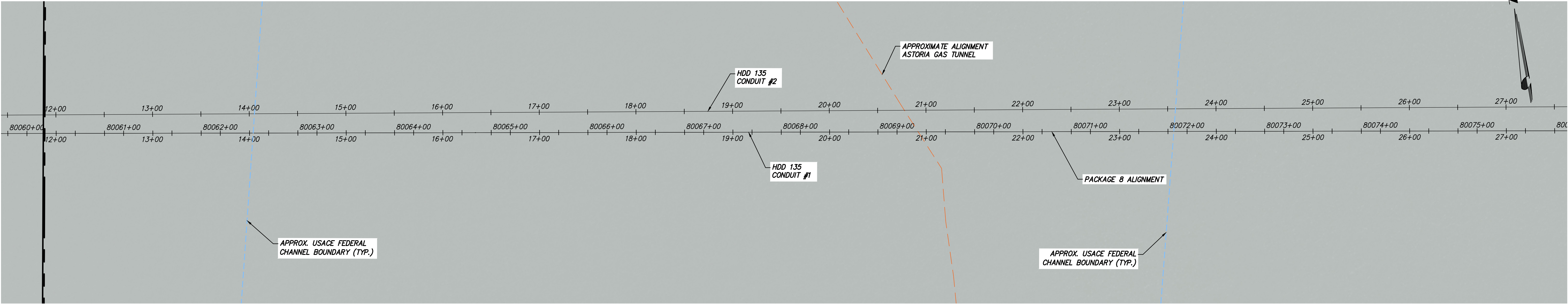
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.	E	SH. NO.	9 OF XX

KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-309

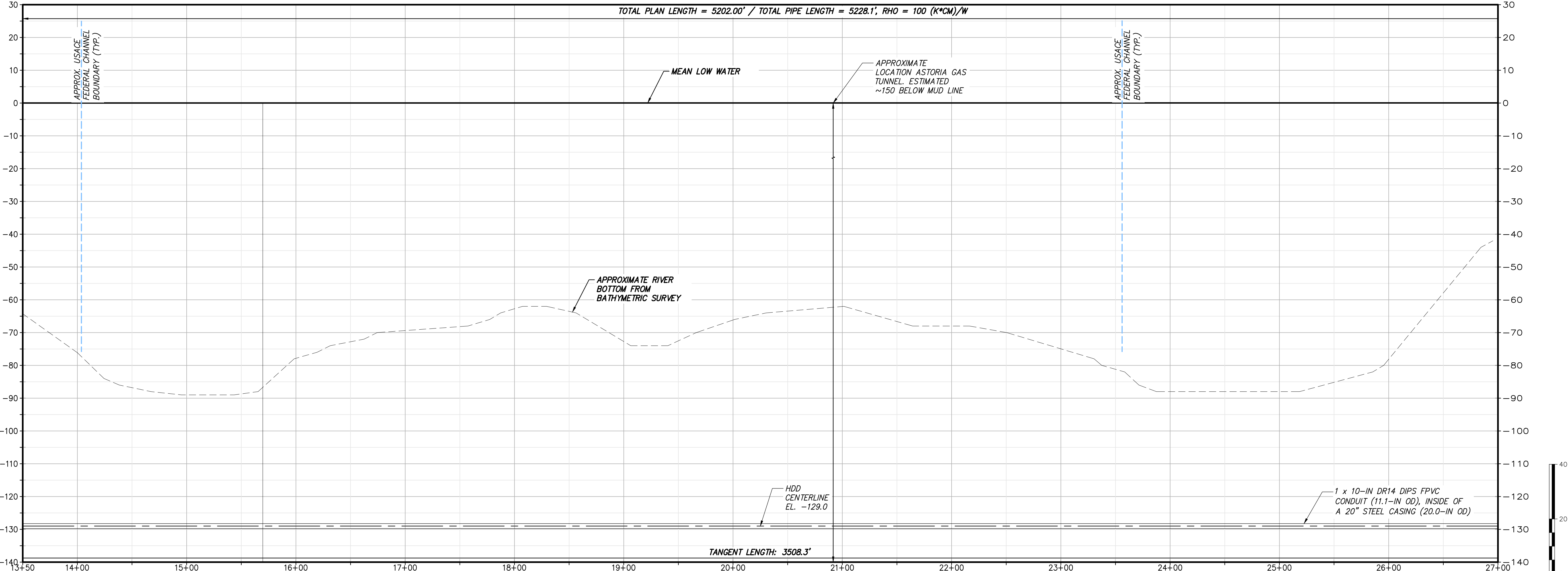
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PROPOSED HDD 135, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND	
Blow Counts per 6" = 10-10-10	8101
Recovery %/RQD % = 95%/90%	11000 =UCS

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



PROPOSED HDD 135, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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.

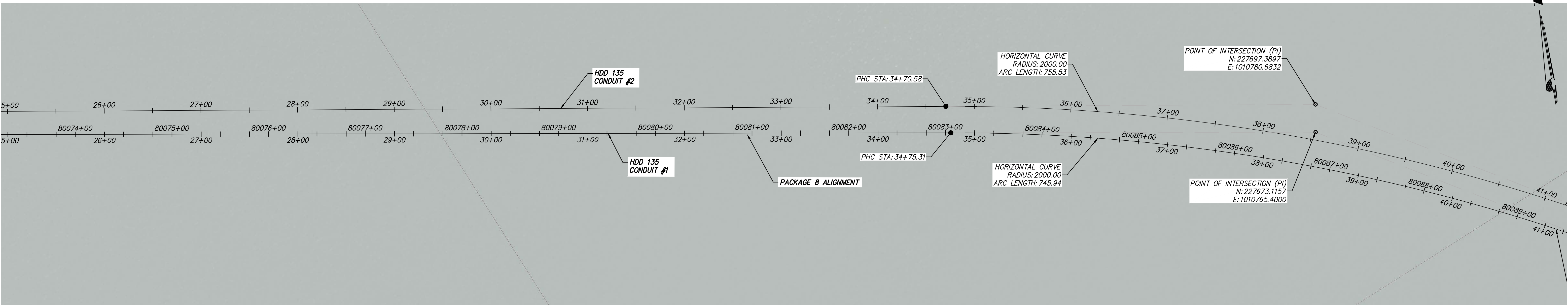
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.	E	SH. NO.	10 OF XX

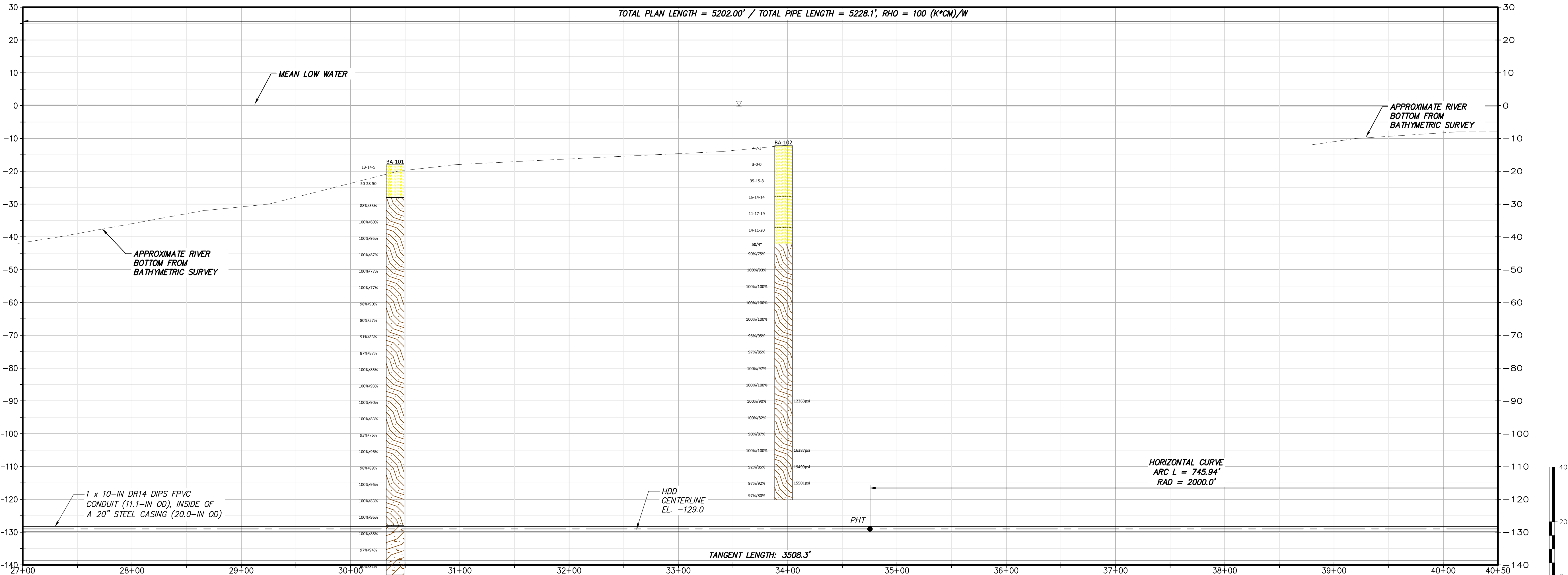
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-310

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PROPOSED HDD 135, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10 Recovery %/RQD % = 95%/90%		
8101 11000 = UCS		
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	Underlaid	
Water Table	Water Table during drilling	
Delayed Water Table	Water Table after drilling	



PROPOSED HDD 135, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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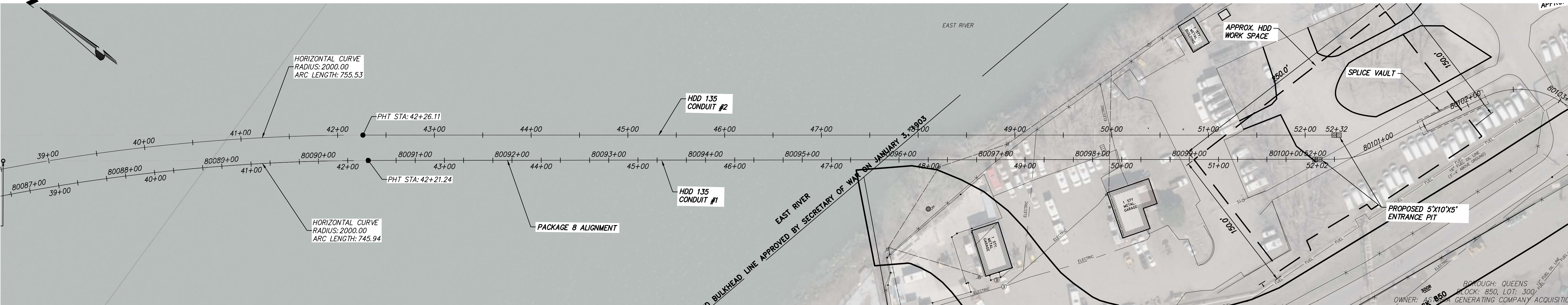
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE	AS SHOWN	DATE	07/07/2023
						REV. NO.		SH. NO.	11 OF XX

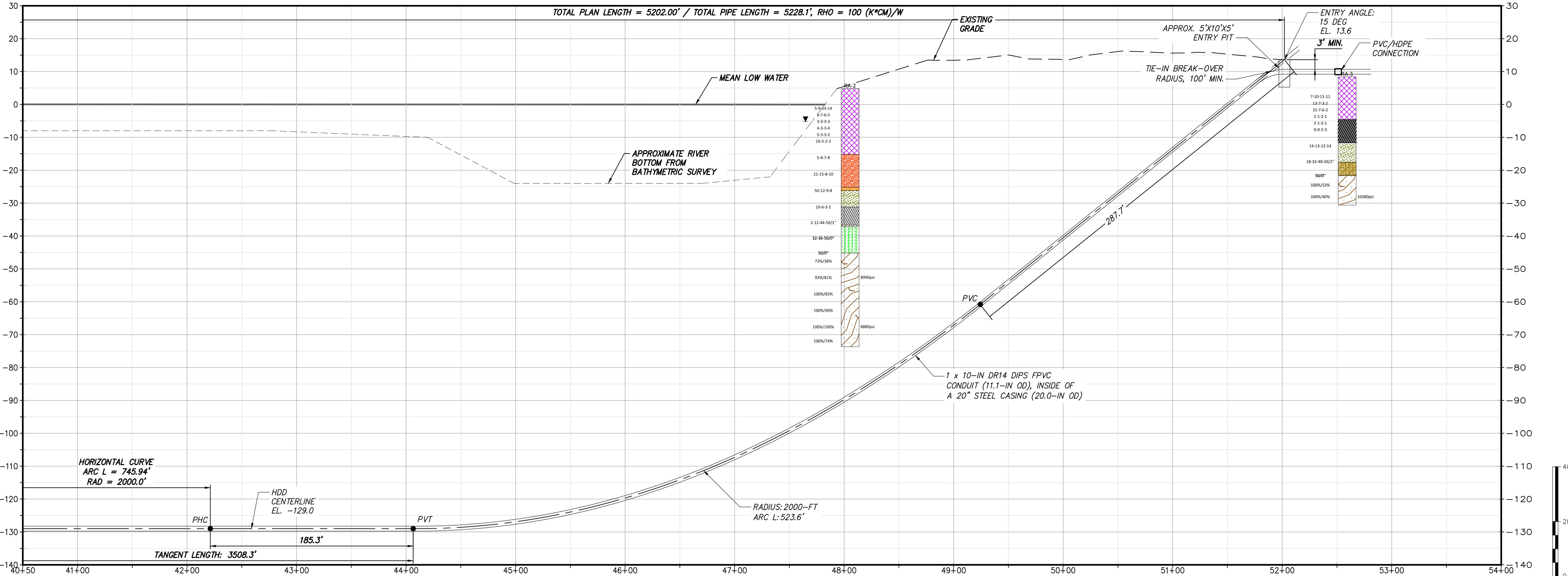
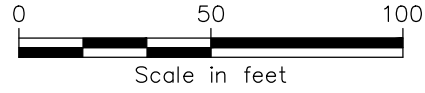
KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-311

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PROPOSED HDD 135, CONDUIT 2 – PLAN
SCALE: 1" = 50'

BORING LOG STRIP LEGEND		
Blow Counts per 6" = 10-10-10 Recovery %/RQD % = 95%/90%		
11000 = UCS		
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	



PROPOSED HDD 135, CONDUIT 2 – PROFILE
SCALE: 1" = 50'



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.

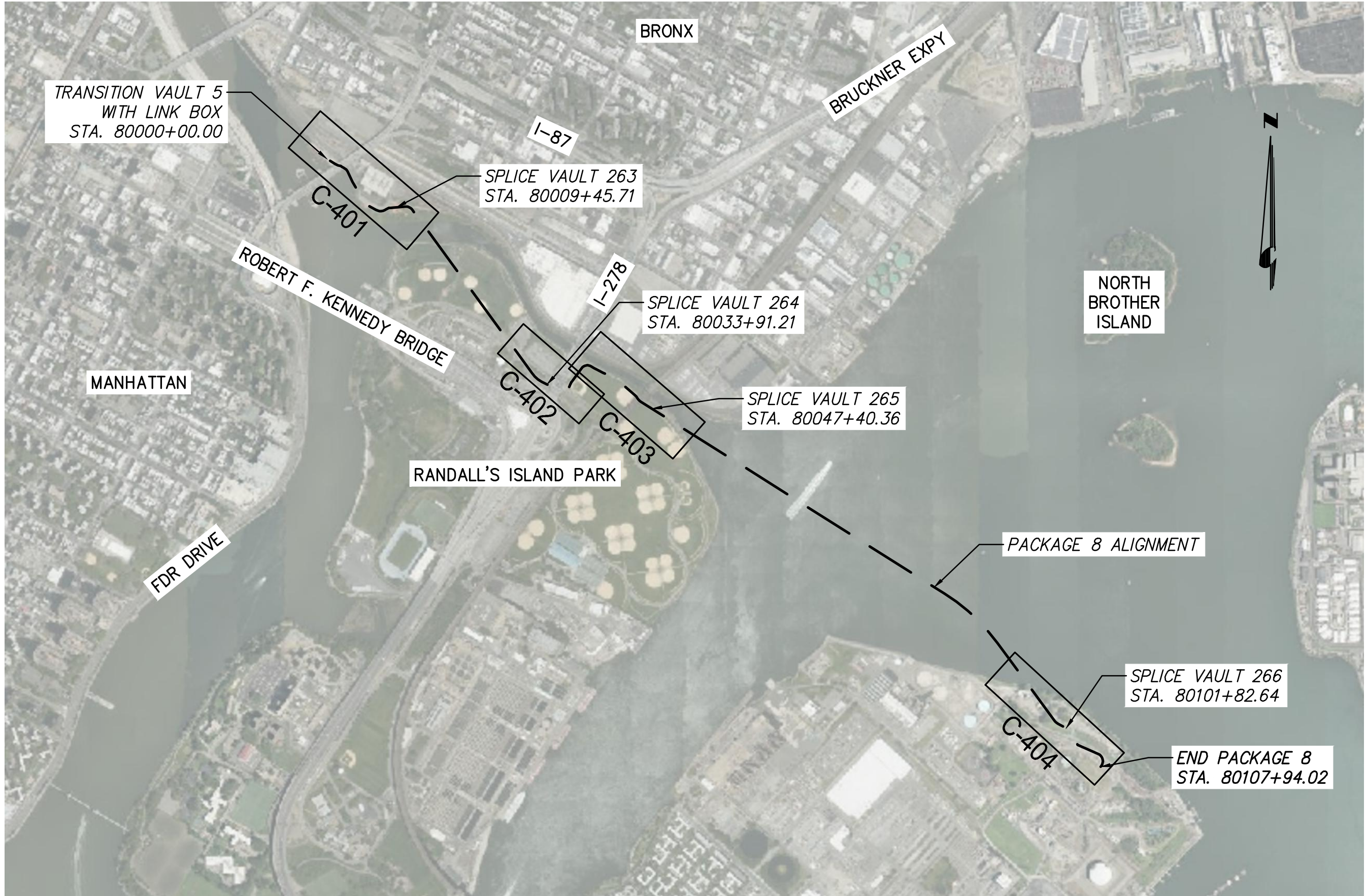
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP
0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	NS	AM

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 (PACKAGE 8)
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
HDD #135 CROSSING, CONDUIT 2
NEW YORK COUNTY, NY

DRAWN BY:	BC	DESIGNED BY:	NS	APPROVED BY:	AM	SCALE:	AS SHOWN	DATE:	07/07/2023
						REV. NO.	E	SH. NO.	12 OF XX

KIEWIT PROJECT NO.	21162
BRIERLEY PROJECT NO.	322004-000
DRAWING NO.	C-312

File: P:\120174-CHPE\CABLE_INSTALL-KIEWIT-KIEWIT\60_CAD\20_ENGINEERING_CAD_FILES\PACKAGE_8\NY_ENVIRONMENTAL_EROSION_CONTROL\01_KCE\SHEET_FILES\21162_8_C-400.DWG Saved: 7/27/2023 1:07:42 PM Plotted: 7/27/2023 3:12:27 PM Current User: Melinda Kwak LostSavedBy: mkwak



E&SC KEY MAP
SCALE: 1" = 1000'



Engineering and
Land Surveying, P.C.

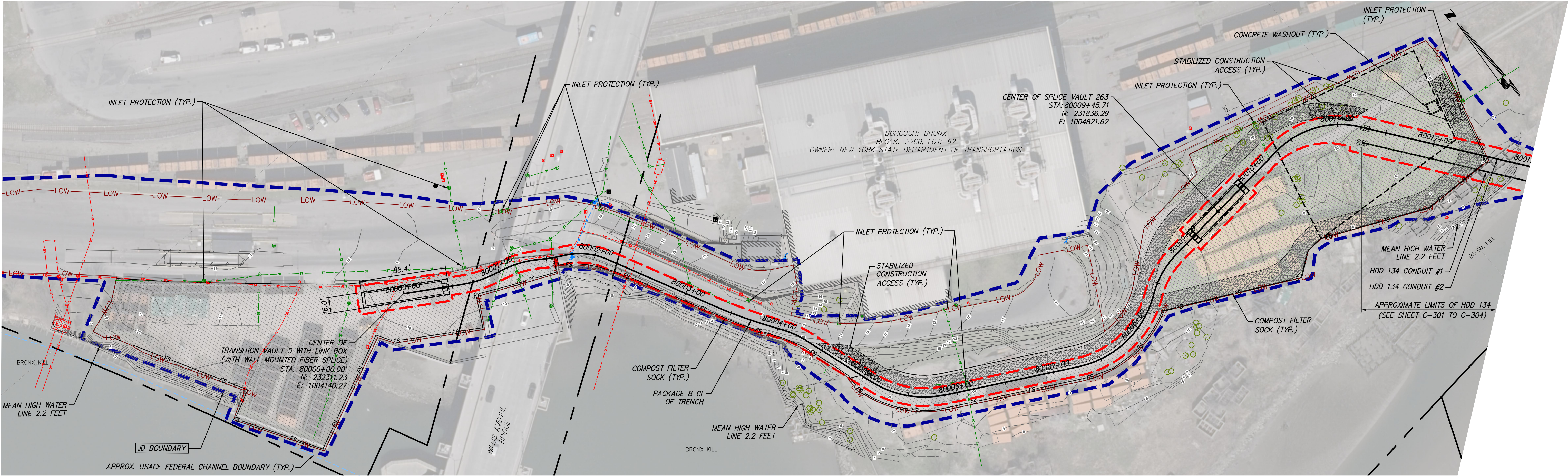


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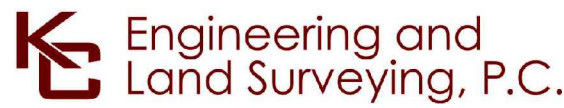
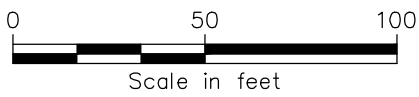
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
E&SC KEY SHEET

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-400
DATE	07/31/2023
SH.NO.	OF



STA. 80000+00 TO STA. 80013+00 PLAN VIEW
SCALE: 1" = 50'

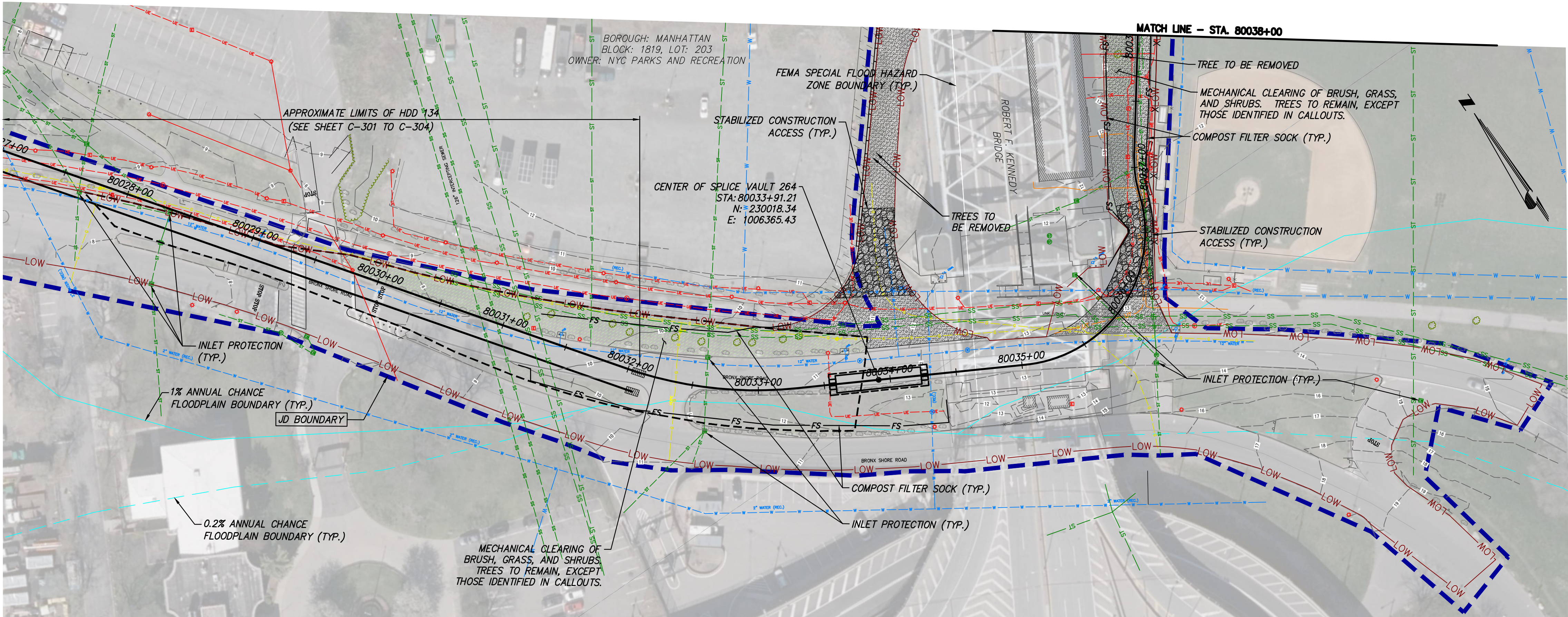


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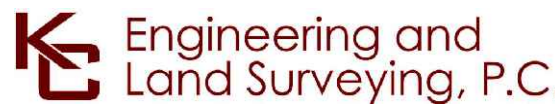
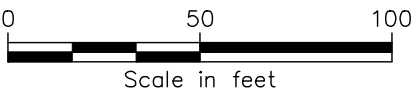
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STA. 80000+00 TO STA. 80013+00

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-401
DATE	07/31/2023
SH.NO.	OF



STA. 80027+00 TO STA. 80038+00 PLAN VIEW
SCALE: 1" = 50'



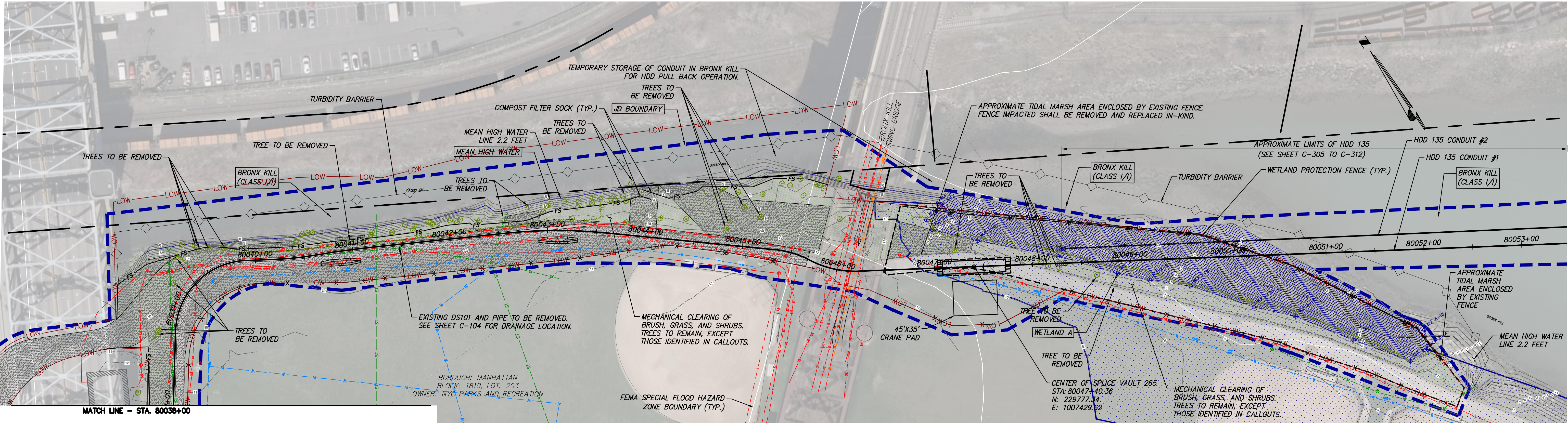
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0	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	BD
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

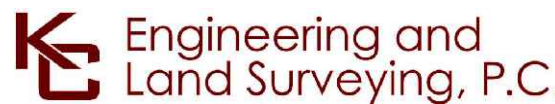
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STA. 80027+00 TO STA. 80038+00

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-402
DATE	07/31/2023
SH.NO.	OF

DRAWN BY:	DESIGNED BY: SC	APPROVED BY: BD	SCALE	AS SHOWN
			REV. NO.	0



STA. 80038+00 TO STA. 80053+50 PLAN VIEW
SCALE: 1" = 50'



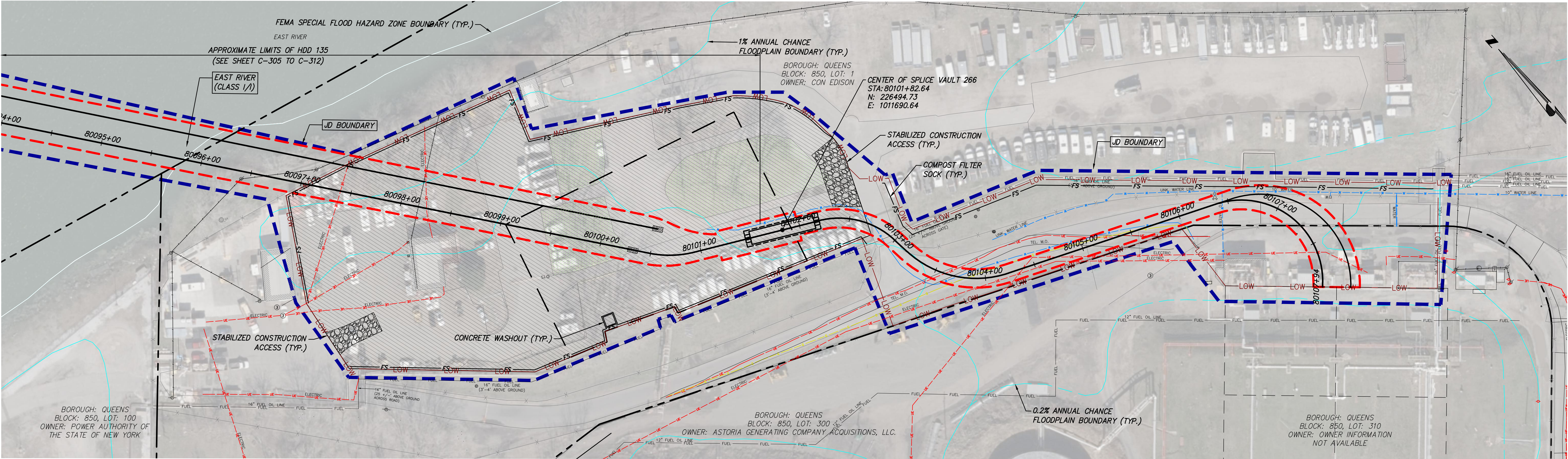
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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

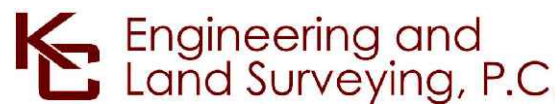
CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STA. 80038+00 TO STA. 80053+50

DRAWN BY:	DESIGNED BY: SC	APPROVED BY: BD	SCALE AS SHOWN REV. NO. 0	DATE 07/31/2023 SH.NO. OF
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KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-403



STA. 80094+00 TO STA. 80107+94 PLAN VIEW
SCALE: 1" = 50'



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	07/31/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MK	BD
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENTS 13 TO 15 - PACKAGE 8
TRANSITION VAULT 5 TO ASTORIA CONVERTER STATION
STA. 80094+00 TO STA. 80107+94

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-404
DATE	07/31/2023
SH.NO.	OF