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Segment 21 Co-Located Infrastructure Correspondence Log

Utility Owner	
Con Edison	
NYPA	

[Type here]

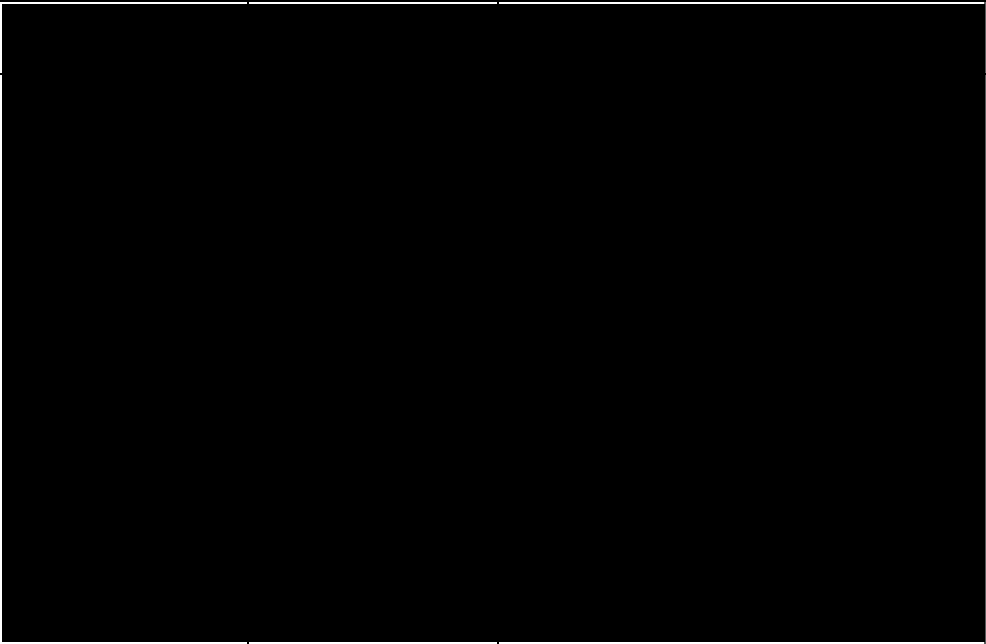
Segment 21 Co-Located Infrastructure Correspondence Log

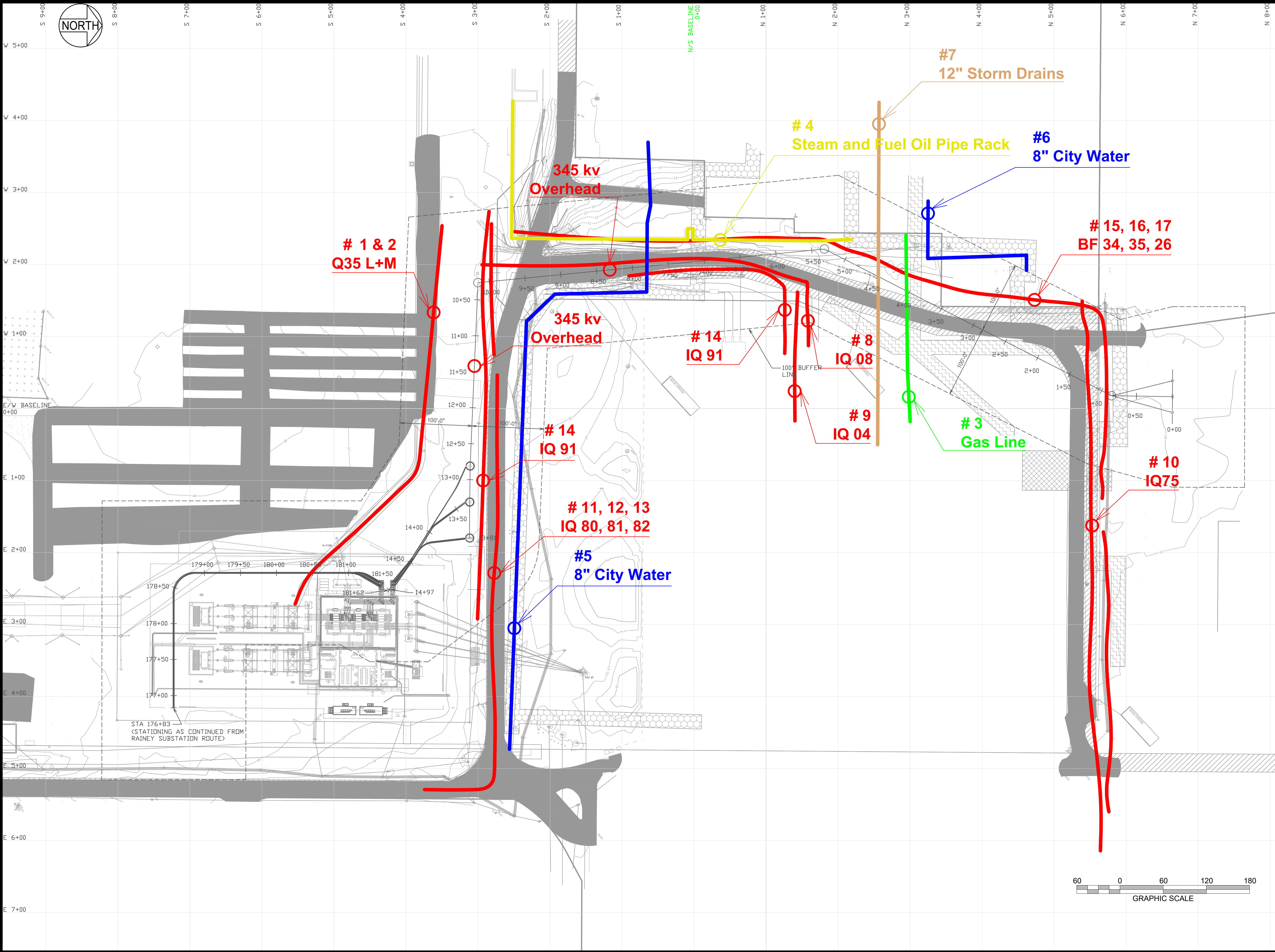
Utility Owner	
Alpha Generation (Eastern Gen / Astoria Generating Co)	
NYC DEP	
Astoria Generating LLC	

[Type here]

Segment 21 Co-Located Infrastructure Correspondence Log



Utility Owner			



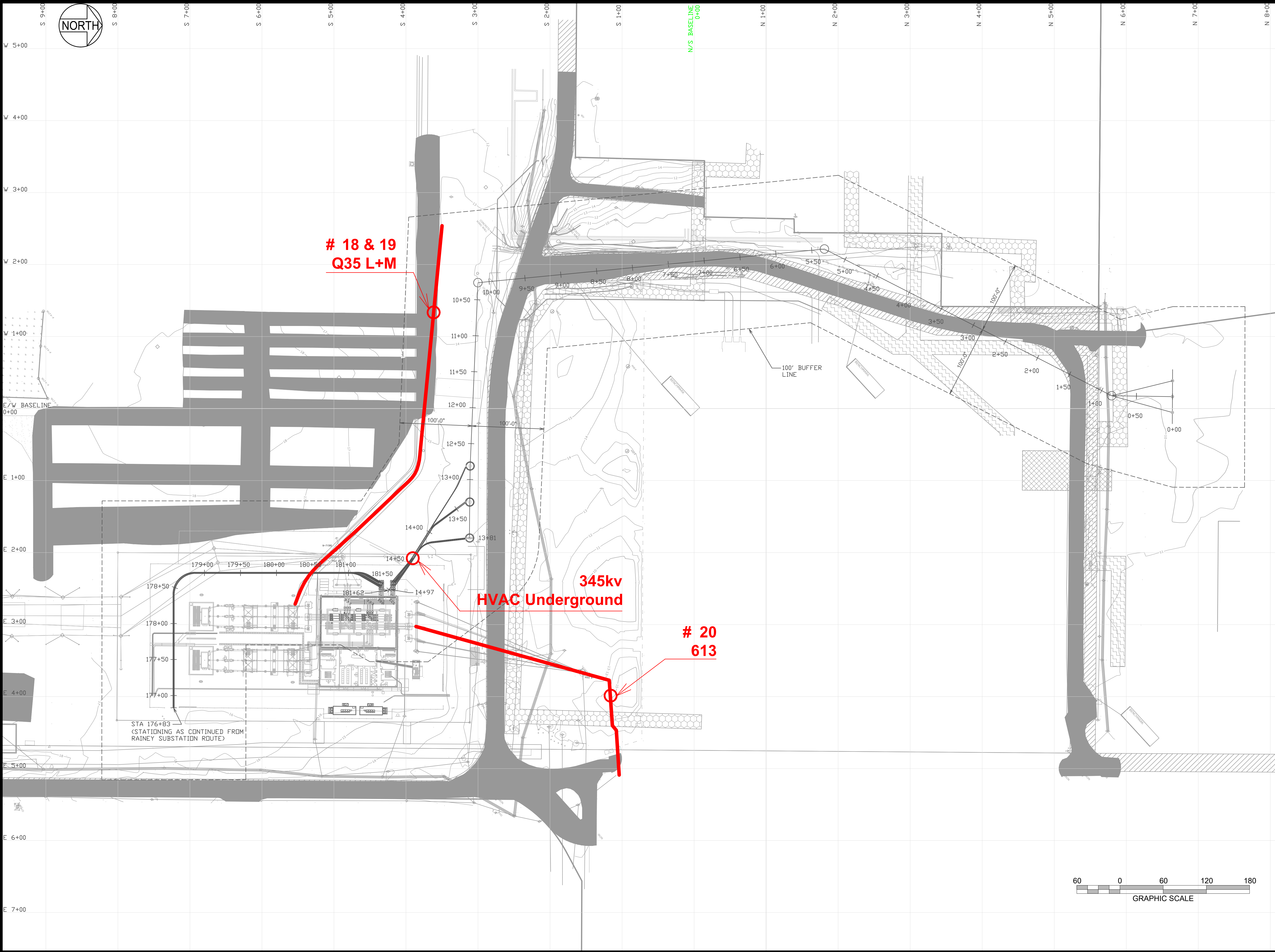
- Notes:
1. The CI number for each utility corresponds to the CI number in the attached table.
 2. Stationing for the 345 KV overhead and underground starts at the dead end structure at the Astoria Converter station.
 3. Stationing for the Y19 feeder starts at the Astoria Annex fence and continues the stationing from the Astoria Rainey Cable project (STA 176+83).
 4. The location of the co located infrastructure has been developed from multiple utility drawings provided by Con Ed. These drawings were not done to scale so locations are approximate.

Legend

- Electrical Line
- Gas Line
- Fuel Oil Line
- Water Line
- Sewer Line

Drawing No. 1
345KV Overhead Transmission
Line Alignment

Revision: 1
Date: June 28, 2024



- Notes:
1. The CI number for each utility corresponds to the CI number in the attached table.
 2. Stationing for the 345 KV overhead and underground starts at the dead end structure at the Astoria Converter station.
 3. Stationing for the Y19 feeder starts at the Astoria Annex fence and continues the stationing from the Astoria Rainey Cable project (STA 176+83).
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Legend

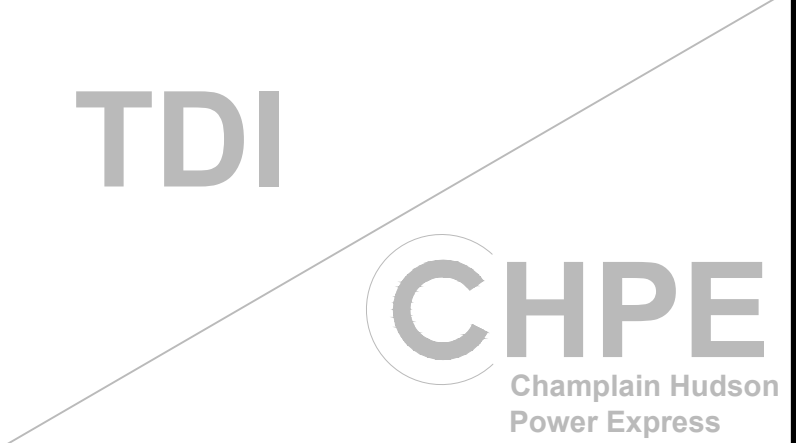
- Electrical Line
- Gas Line
- Fuel Oil Line
- Water Line
- Sewer Line

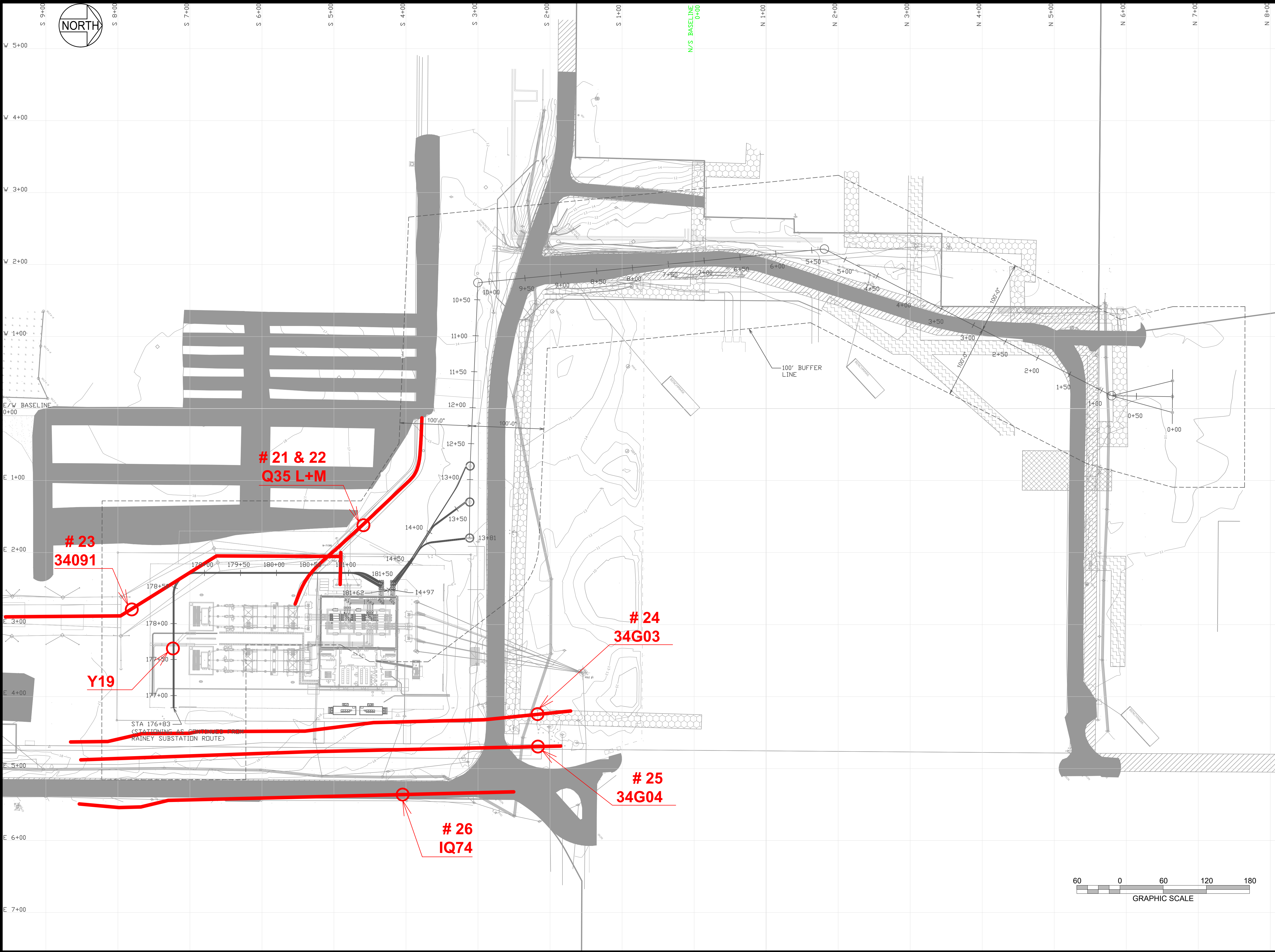
Drawing No. 2

345 KV HVAC Underground Transmission Line Ductbank Alignment

Revision: 1

Date: June 28, 2024





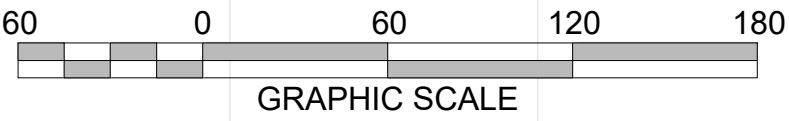
- Notes:
1. The CI number for each utility corresponds to the CI number in the attached table.
 2. Stationing for the 345 KV overhead and underground starts at the dead end structure at the Astoria Converter station.
 3. Stationing for the Y19 feeder starts at the Astoria Annex fence and continues the stationing from the Astoria Rainey Cable project (STA 176+83).
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Legend

- Electrical Line
- Gas Line
- Fuel Oil Line
- Water Line
- Sewer Line

Drawing No. 3
Y19 Underground Ductbank Alignment

Revision: 1
Date: June 28, 2024



Champlain Hudson Power Express											Revision Date	9/30/2024	Source Reference
Co-Located Utility Matrix											Revision	B	
	General Location of Utility			Owner	Utility Description								
CI Number	Station (starting point for Parallel and Crossing Point for Perpendicular	Station (Ending Point for Parallel)	Drawing Sheet			Utility Length (FT)	Offset (Feet)	Parallel/ Perpendicular	Operating Status (active/ Abandoned	Description	Comments	Quality Level	
345 KV Overhead Transmission Line Alignment G180)													
1	10+50	12+80	1	NYPA	Q35L	260	50	Parallel	Active	345KV oil cooled feeder	Close proximity to CHPE UG Feeder	D	Astoria Annex Dwgs 374353 and 374354
2	10+50	12+80	1	NYPA	Q35M	260	50	Parallel	Active	345KV oil cooled feeder	Close proximity to CHPE UG Feeder	D	Astoria Annex Dwgs 374353 and 374354
3											Con Ed has provided drawings for the relocation of this gas line. Relocation is currently on hold.	D	Con Ed Drawings 620316, 620317. and 620318
	4+00		1	Con Ed	Gas Line			Parallel	Active				
4											The steam and fuel oil lines have been cut off at the new converter station and this utility has been abandoned	A	GEOD Dwg TL-AST, CT Male Survey Drawing
	5+40	9+50	1	Eastern Gen	Steam and Fuel Oil Pipe Rack	410	20	Parallel	Abandoned	Steam and fuel oil pipe rack used to distribute No. 6 oil			
5	8+00	13+81	1	Con Ed	8" City Water Lines			Parallel	Active		Just north of Con Ed laydown area	D	GEOD Dwg TL-AST
6	2+50	4+00	1	Con Ed	8" City Water Lines	150	50	Parallel	Active		Water line tapped into for converter station	D	GEOD Dwg TL-AST
7	4+50		1	Con Ed	12" Storm Drains			Perpendicular	Active			D	GEOD Dwg TL-AST
8											This 27 KV feeder from North Queens Sub Station also supplies multiple loads in Queens all the way down to Queens Plaza North	D	GEOD Dwg TL-ASTand 620317, Conduit and Duct Occupancy Plate 75 AH,1Q08 Feeder Map
	6+50	8+50	1	Con Ed	1Q08	200	20	Parallel	Active	480 V feeder that supplies power to LNG Plant			
9											This 27 KV feeder also supplies multiple loads in Queens all the way down to 41st Street an Vernon Blvd.	D	Conduit and Duct Occupancy Plate 75 AH, 1Q04 Feeder Map
	5+75		1	Con Ed	1Q04			Perpendicular	Active	480 V feeder that supplies power to LNG Plant and Astoria Annex			
10										13.8 KV Feeder from Astoria Generating Station Unit 4 to Eastern Gen Dock		D	GEOD Dwg TL-AST, Con Ed feeder sheet 1Q75
11										27 KV Feeder from North Queens Substation to Astoria #6 Pressurizing Plant		D	GEOD Dwg TL-AST, Con Ed feeder sheet 1Q80
12										27 KV Feeder from North Queens Substation to Astoria #6 Pressurizing Plant		D	GEOD Dwg TL-AST, Con Ed feeder sheet 1Q81
13										27 KV Feeder from Astoria Gen Gas turbine No. 9 to North Queens Sub Station	16MW Gas Turbine Generators to North Queens Substation	D	GEOD Dwg TL-AST, Con Ed feeder sheet 1Q82
14										13.8 KV feeder from Astoria Gen Sub Station to LNG facility	May have connection to Astoria Annex substation	D	Con Ed Feeder Map 1Q91
15										Aerial 4KV feeder from Astoria Generating Station Unit No. 3 to Con Ed fuel depot	May have been repurposed	D	Con Ed Feeder Map BF 34

Champlain Hudson Power Express											Revision Date	9/30/2024	Source Reference
Co-Located Utility Matrix											Revision	B	
	General Location of Utility			Owner	Utility Description								
CI Number	Station (starting point for Parallel and Crossing Point for Perpendicular	Station (Ending Point for Parallel)	Drawing Sheet			Utility Length (FT)	Offset (Feet)	Parallel/ Perpendicular	Operating Status (active/ Abandoned	Description	Comments	Quality Level	
16	0+50	10+00	1	Con Ed	BF 35	950	50	Perpendicular and Parallel	Active	Aerial 4KV feeder from Astoria Generating Station Unit No. 3 to Con Ed fuel depot	May have been repurposed	D	Con Ed Feeder Map BF 35
17	0+50	10+00	1	Con Ed	BF 36	950	50	Perpendicular and Parallel	Active	Aerial 4KV feeder from Astoria Generating Station Unit No. 3 to Con Ed fuel depot	May have been repurposed	D	Con Ed Feeder Map BF 36
345 KV HVAC Underground Transmission Line Ductbank Alignment													
18	12+80	14+97	2	NYPA	Q35L	500	50	Parallel	Active	345KV oil cooled feeder	Close proximity to CHPE UG Feeder	D	Astoria Annex Dwgs 374353 and 374354
19	12+80	14+97	2	NYPA	Q35M	500	50	Parallel	Active	345KV oil cooled feeder	Close proximity to CHPE UG Feeder	D	Astoria Annex Dwgs 374353 and 374354
20	13+81	14+97	2	Astoria II	G13		120	Parallel	Active	345 KV Overhead Transmission from Astoria II Plant		A	CT Male Survey Drawing
Y19 Underground Ductbank Inside Astoria Annex Substation Site Alignment													
21	180+60		3	NYPA	Q35L			Perpendicular	Active	345KV oil cooled feeder	Y19 Ductbank passes underneath	D	Astoria Annex Dwgs 374353 and 374354
22	180+60		3	NYPA	Q35M			Perpendicular	Active	345KV oil cooled feeder	Y19 Ductbank passes underneath	D	Astoria Annex Dwgs 374353 and 374354
23	178+50	181+00	3	Con Ed	34091			Perpendicular	Active	Feeder 34091 is Overhead 345 KV	34091 is an overhead Con Ed 345 KVtransmission line between Astoria Annex and Astoria East 138 KV substation. Y19 will be crossing under this overhead line.	A	Astoria Annex 30% design package
24	176+00		3	Astoria I	34G03			Perpendicular	Active	Auxiliary Power to Astoria II Plant	Y19 Crossing underneath	D	
25	176+00		3	Astoria I	34G04			Perpendicular	Active	Auxiliary Power to Astoria II Plant	Y19 Crossing underneath	D	