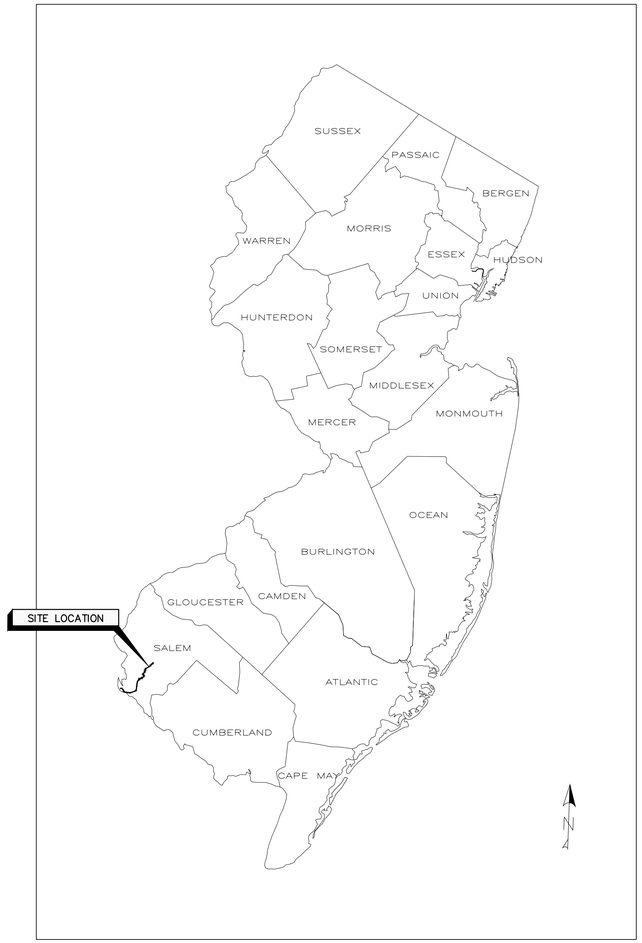
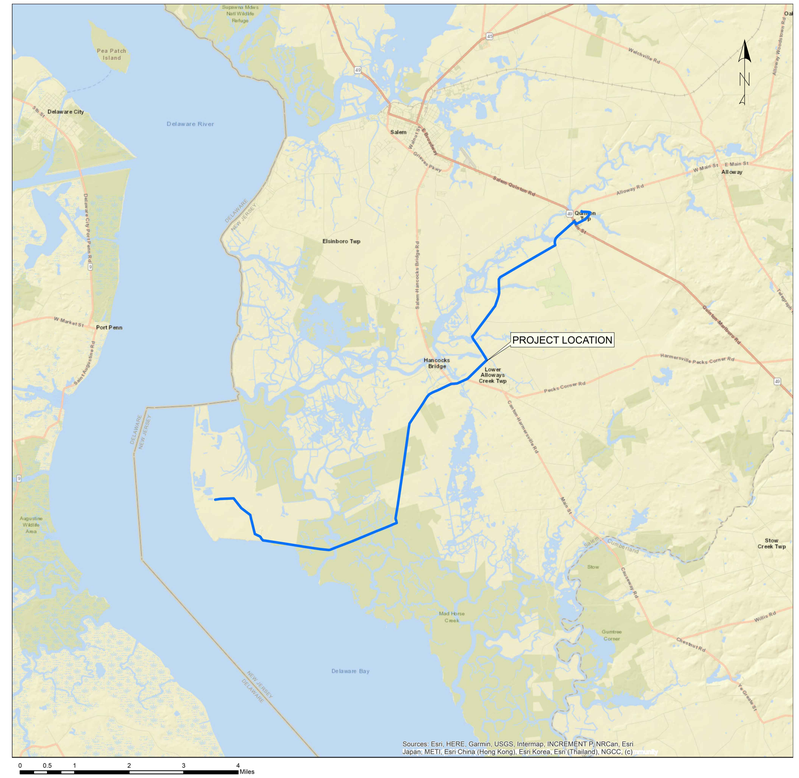
ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ
PERMITTING PLAN



GENERAL LOCATION MAP

NOT TO SCALE



SITE LOCATION MAP

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp

atlantic city electric
A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

5100 HARDING HWY,
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: COVER SHEET
SHEET NO: 001
PAGE NO: 1 of 116

GENERAL

WETLAND PLAN DRAWINGS

FHA PLAN DRAWINGS

WFD PLAN DRAWINGS

USACE PLAN DRAWINGS

SESC PLAN DRAWINGS

NO.:	REVISION:	DATE:
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DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: DRAWINGS INDEX
SHEET NO: 002
PAGE NO: 2 of 116

Plan Sheet	Freshwater Wetlands			Freshwater Wetlands Transition Area			Coastal Wetlands		
	Freshwater Wetlands	Permanent - Conversion	Temporary	Permanent - Structures	Permanent - Conversion	Temporary	Permanent - Structures	Permanent - Conversion	Temporary
103	70	0	16,582	150	0	40,069	0	0	0
104	150	3,380	44,516	90	3,369	28,404	0	0	978
105	100	753	15,521	20	252	7,608	30	1,681	12,816
106	130	9,129	9,277	60	30,968	12,102	10	3,482	16,088
107	120	8,447	16,784	20	14,374	7,715	10	2,252	991
108	130	4,757	22,684	10	24,010	6,491	0	71	3,921
109	0	2,066	2,637	220	6,506	51,350	0	37	7,589
110	0	0	3,304	60	0	12,140	0	0	0
111	0	0	5,720	90	0	13,060	0	0	0
112	20	0	13,025	130	0	26,524	0	0	0
113	0	473	2,769	80	5,283	20,311	0	0	0
114	0	0	607	80	723	14,143	0	0	3,514
115	90	0	10,339	90	0	44,198	0	0	0
116	80	513	9,370	40	5,146	6,849	0	0	6,817
117	10	0	666	10	12,375	2,188	0	0	0
118	20	997	3,114	50	5,229	10,462	10	0	239
119	0	0	0	0	0	0	0	0	0
120	0	39	0	40	1,244	5,435	0	0	0
121	0	259	754	40	3,909	4,571	0	275	1,054
122	0	0	0	10	0	2,009	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
Total (SF)	920	30,813	177,669	1,290	113,388	315,629	60	7,798	54,007
	31,733		177,669	114,678		315,629	7,858		54,007
Total (AC)	0.0211	0.7074	4.0787	0.0296	2.6030	7.2458	0.0014	0.1790	1.2398
	0.7285		4.0787	2.6326		7.2458	0.1804		1.2398

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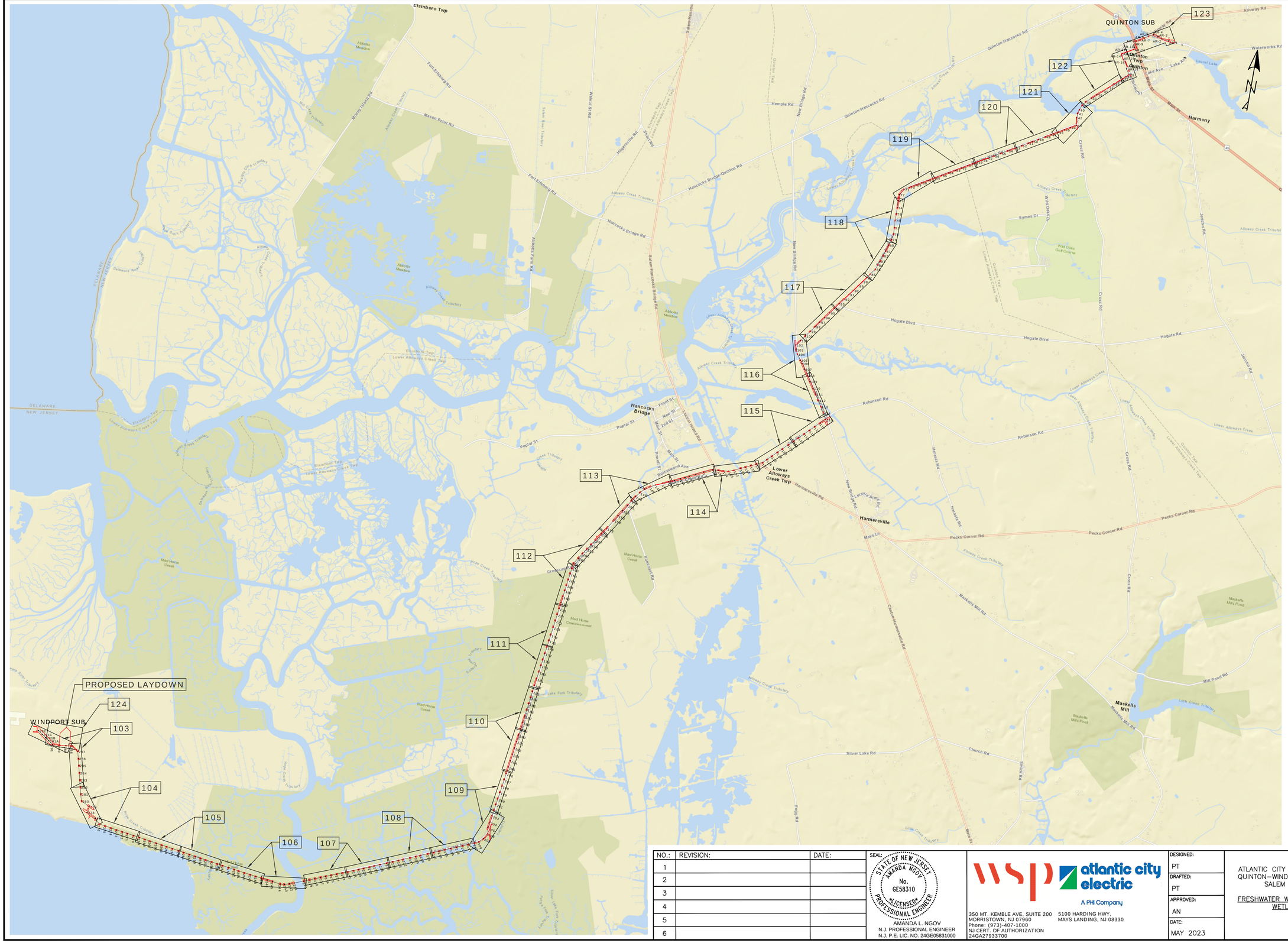
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: WETLAND IMPACT PLAN NOTES
SHEET NO: 101
PAGE NO: 3 of 116



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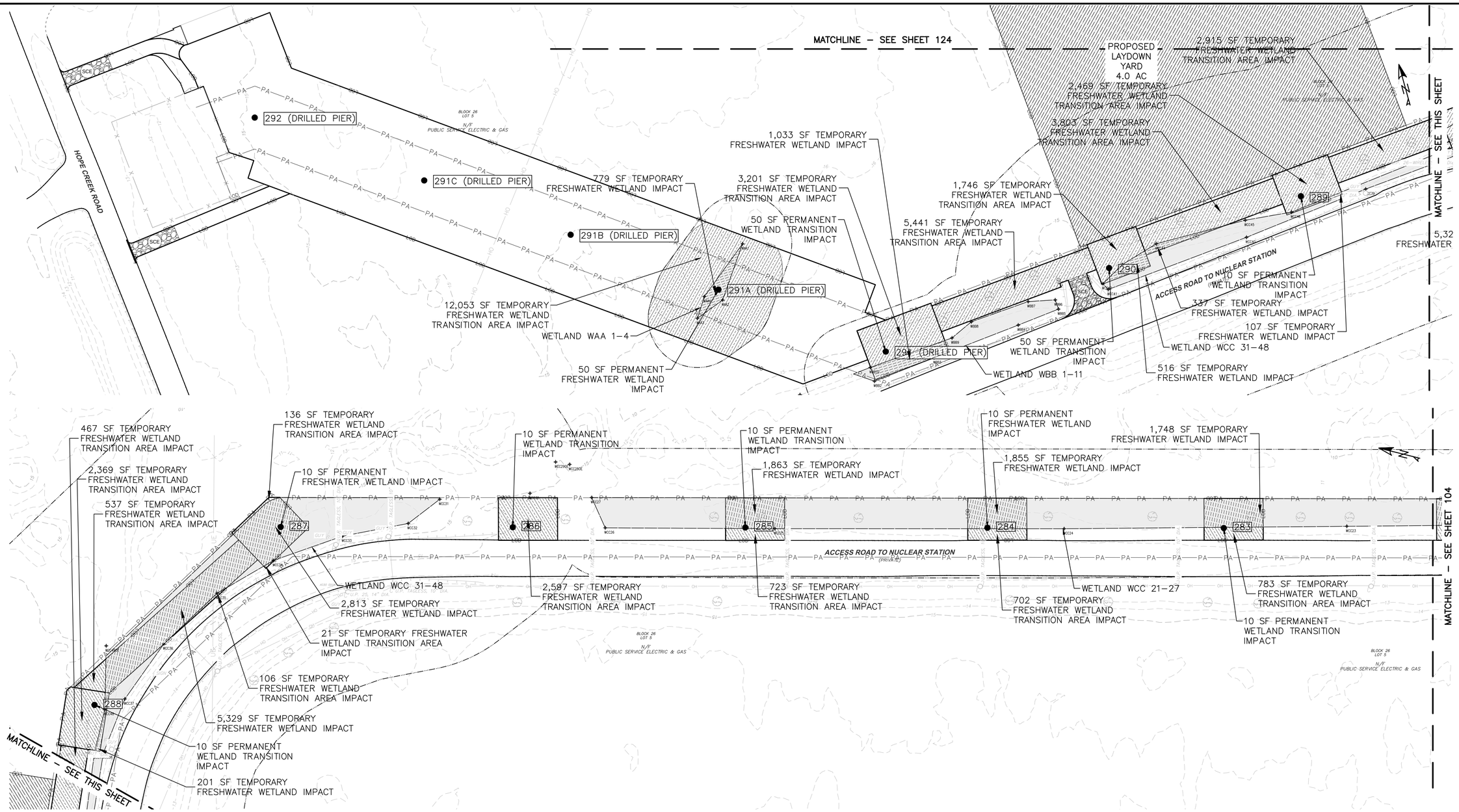
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 1500 3000
SHEET NAME: 1" = 1500'
KEY PLAN
SHEET NO: 102
PAGE NO: 4 of 116



	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	70	0	16582
FRESHWATER WETLAND TRANSITION AREAS	150	0	40069
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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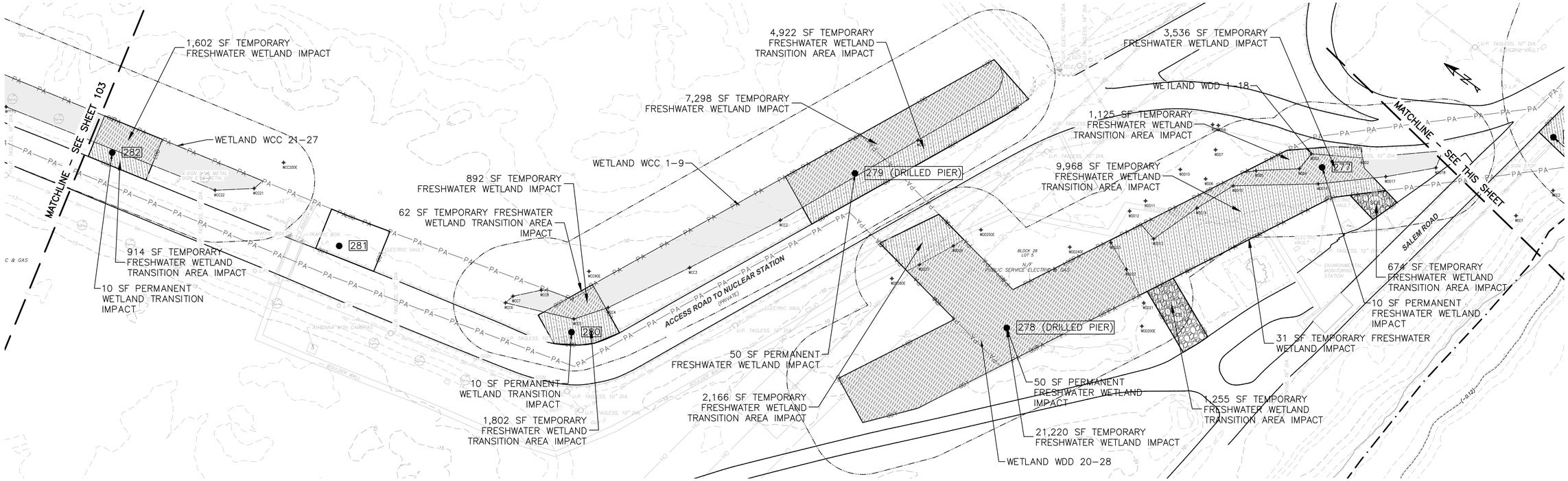
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–1
SHEET NO: 103
PAGE NO: 5 of 116



	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	150	3380	44516
FRESHWATER WETLAND TRANSITION AREAS	90	3369	28404
COASTAL WETLANDS	0	0	978

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
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- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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N.J. P.E. LIC. NO. 24GE05831000

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NJ CERT. OF AUTHORIZATION
24GA27933700

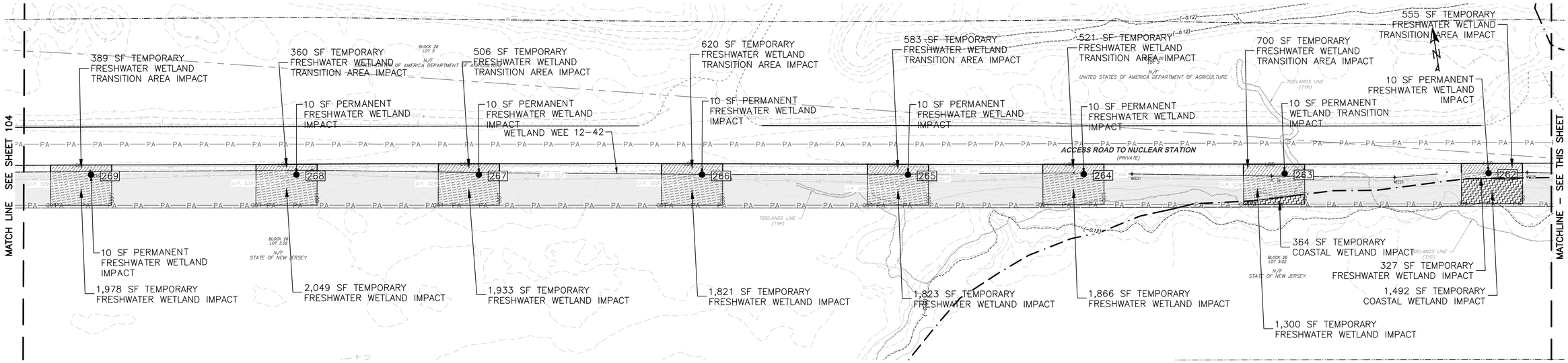
5100 HARDING HWY.
MAYS LANDING, NJ 08330

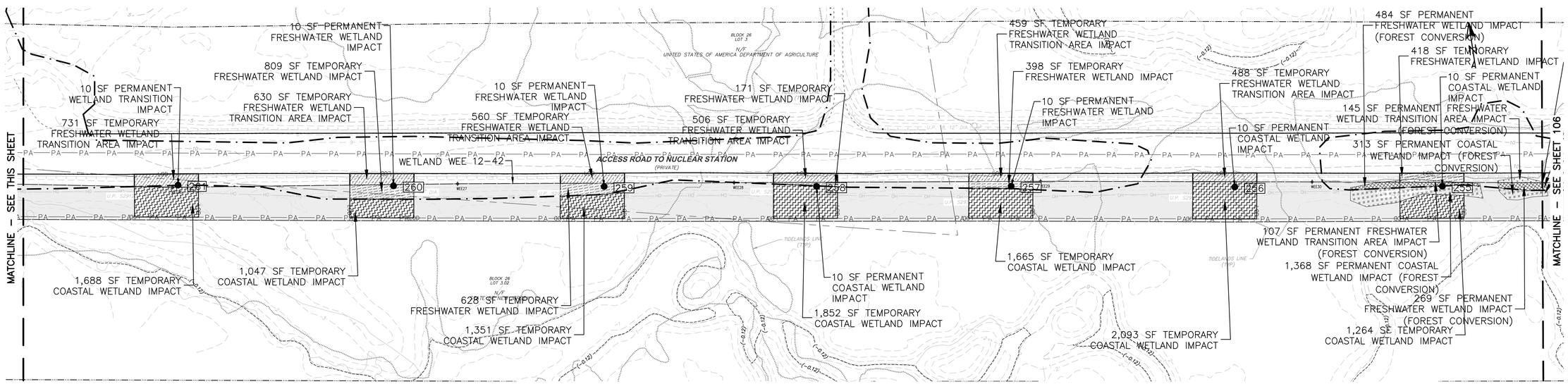
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN-2
SHEET NO: 104
PAGE NO: 6 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	100	753	15521
FRESHWATER WETLAND TRANSITION AREAS	20	252	7608
COASTAL WETLANDS	30	1681	12816

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
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- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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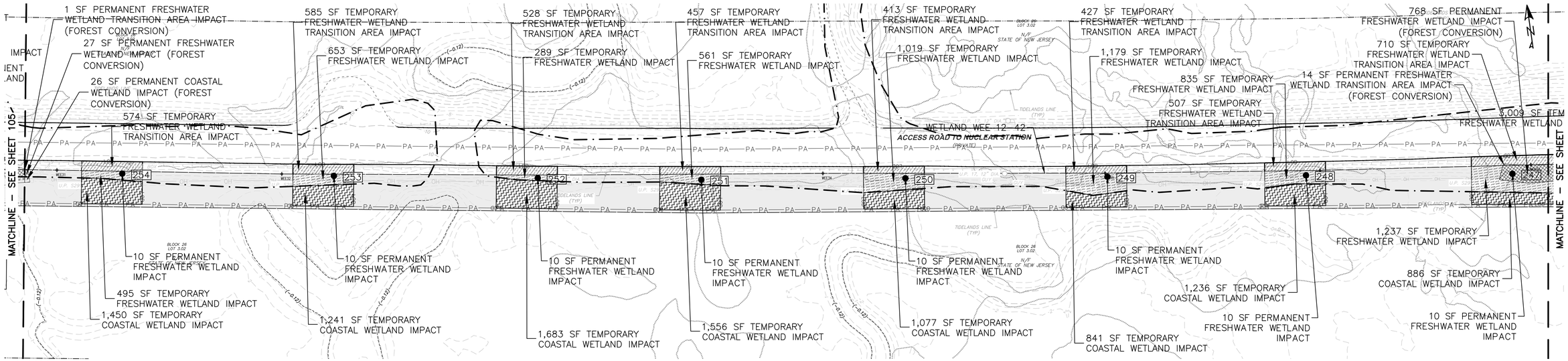
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–3
SHEET NO: 105
PAGE NO: 7 of 116



	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	130	9129	9277
FRESHWATER WETLAND TRANSITION AREAS	60	30968	12102
COASTAL WETLANDS	10	3482	16088

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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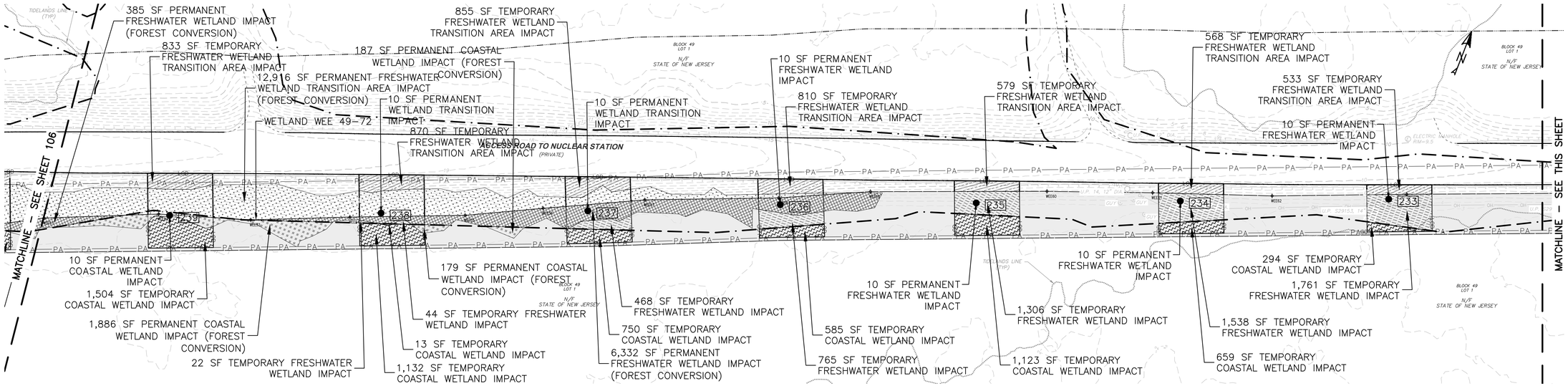
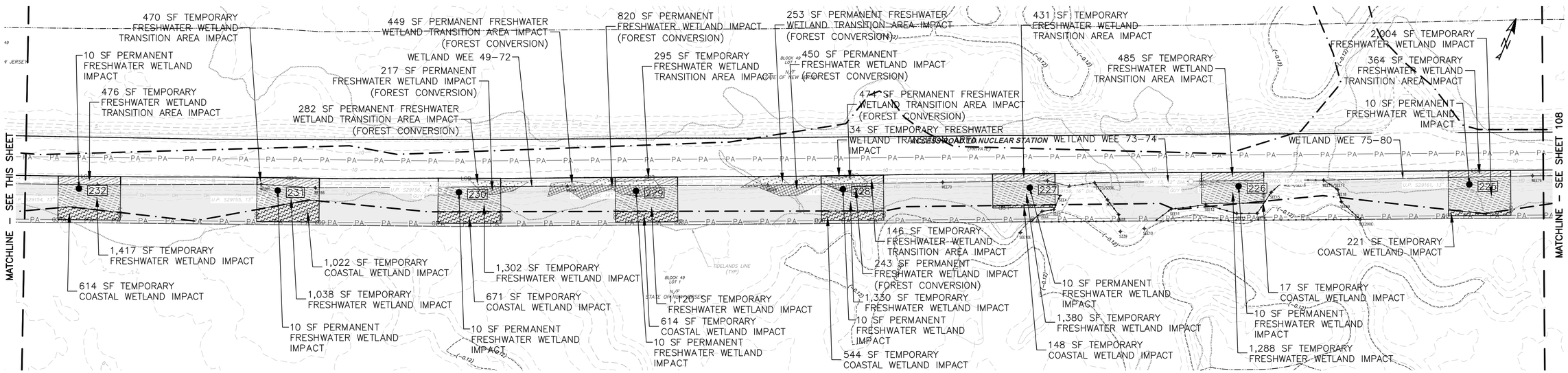
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–4
SHEET NO: 106
PAGE NO: 8 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	120	8447	16784
FRESHWATER WETLAND TRANSITION AREAS	20	14374	7715
COASTAL WETLANDS	10	2252	991

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
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- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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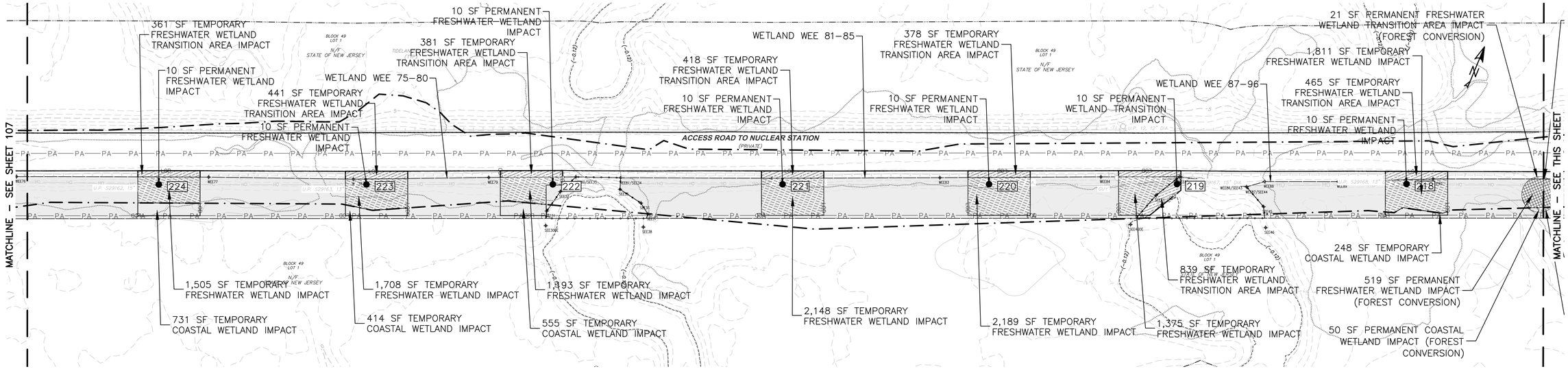
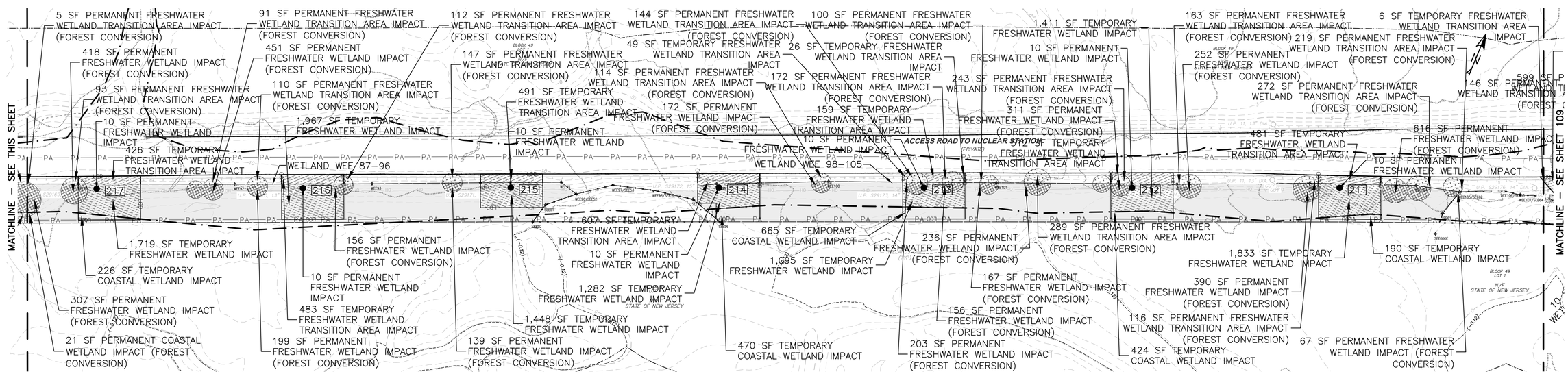
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–5
SHEET NO: 107
PAGE NO: 9 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	130	4757	22684
FRESHWATER WETLAND TRANSITION AREAS	10	24010	6491
COASTAL WETLANDS	0	71	3921

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
Phone: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

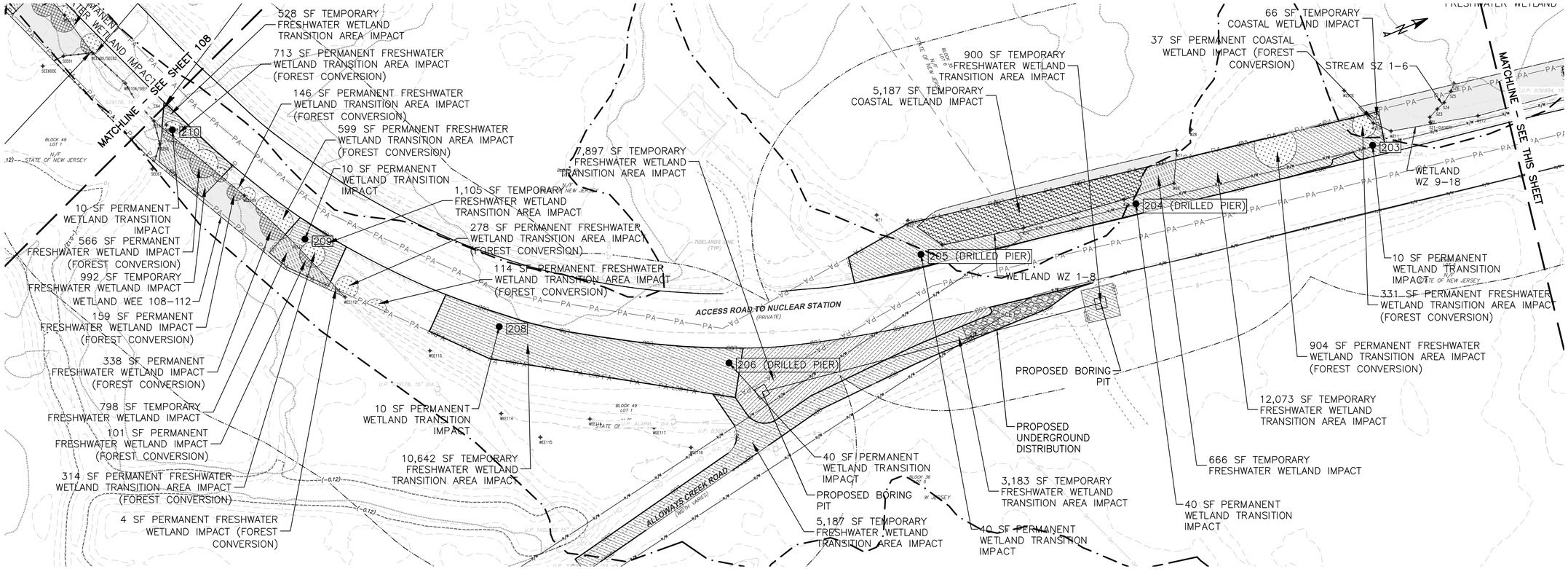
5100 HARDING HWY.
MAYS LANDING, NJ 08330

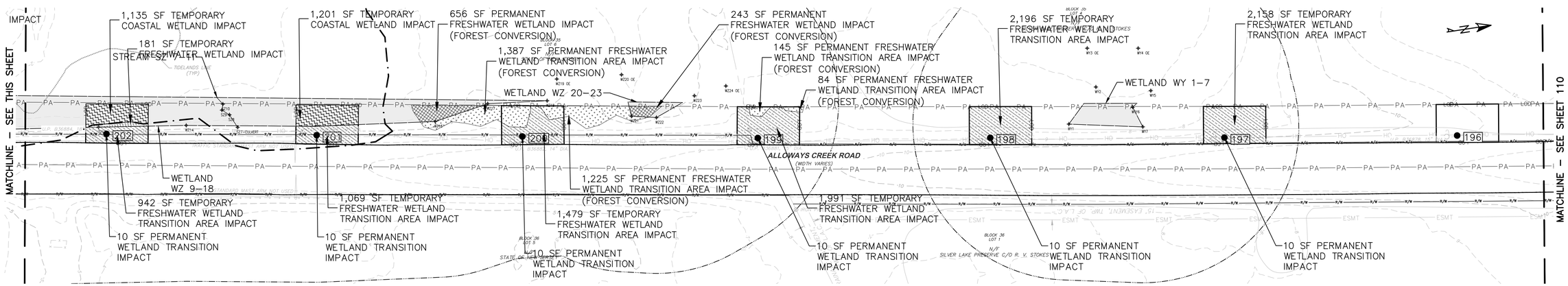
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–6
SHEET NO: 108
PAGE NO: 10 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	2066	2637
FRESHWATER WETLAND TRANSITION AREAS	220	6506	51350
COASTAL WETLANDS	0	37	7589

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
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- TEMPORARY FRESHWATER WETLAND IMPACT
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AMANDA L. NGOV
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N.J. P.E. LIC. NO. 24GE05831000

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NJ CERT. OF AUTHORIZATION
24GA27933700

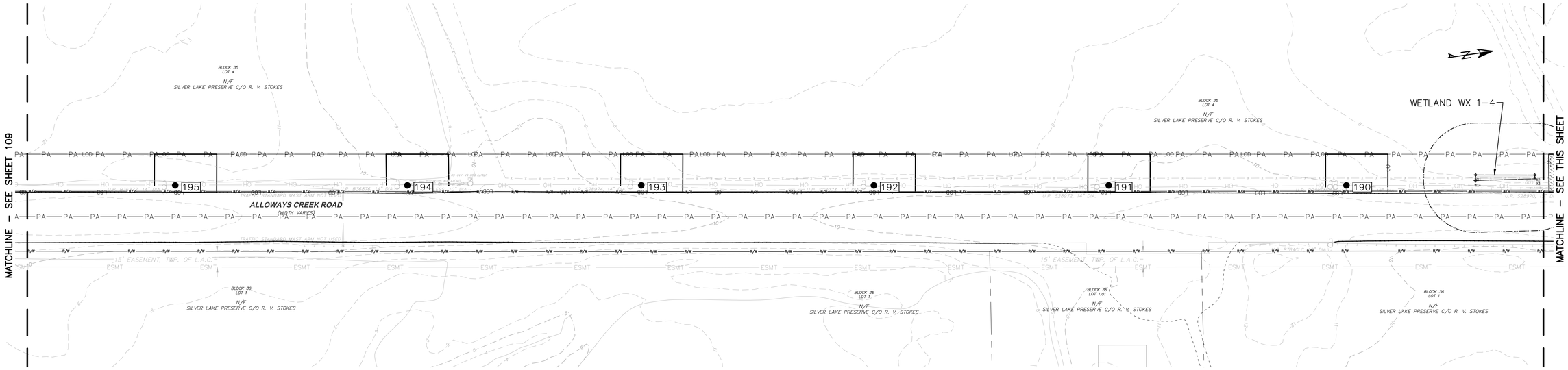
5100 HARDING HWY,
MAYS LANDING, NJ 08330

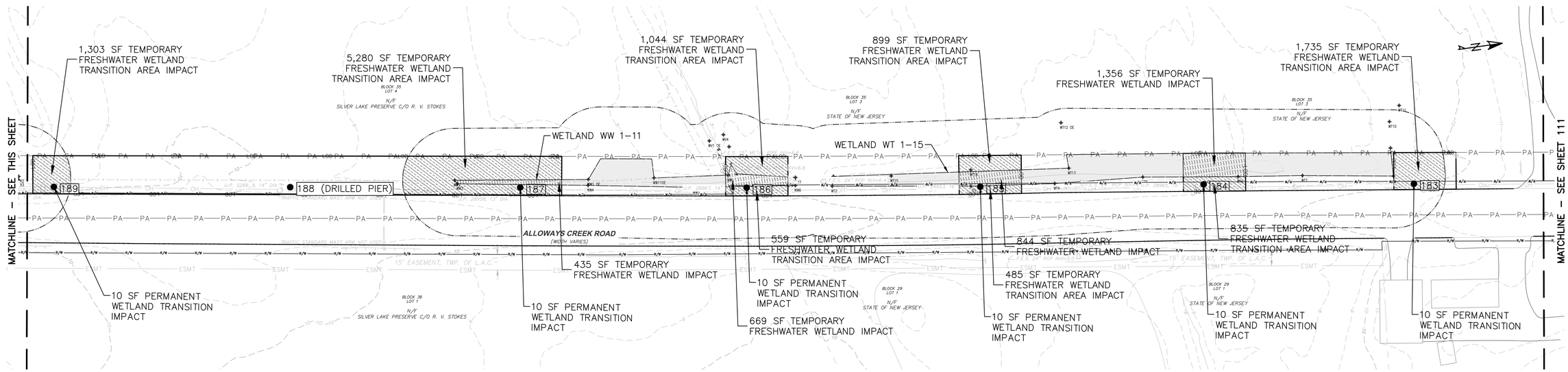
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN-7
SHEET NO: 109
PAGE NO: 11 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	3304
FRESHWATER WETLAND TRANSITION AREAS	60	0	12140
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
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- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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24GA27933700

5100 HARDING HWY,
MAYS LANDING, NJ 08330

DESIGNED: PT
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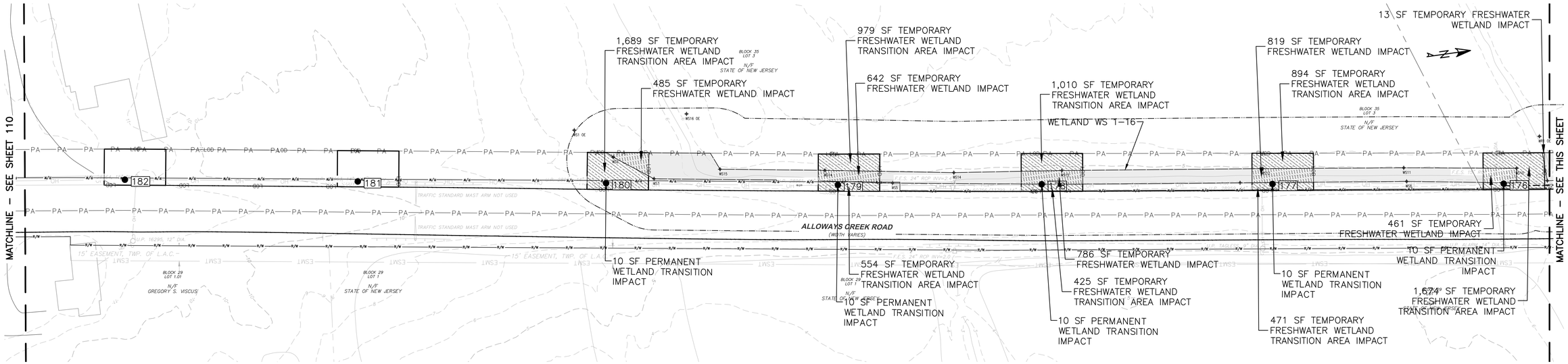
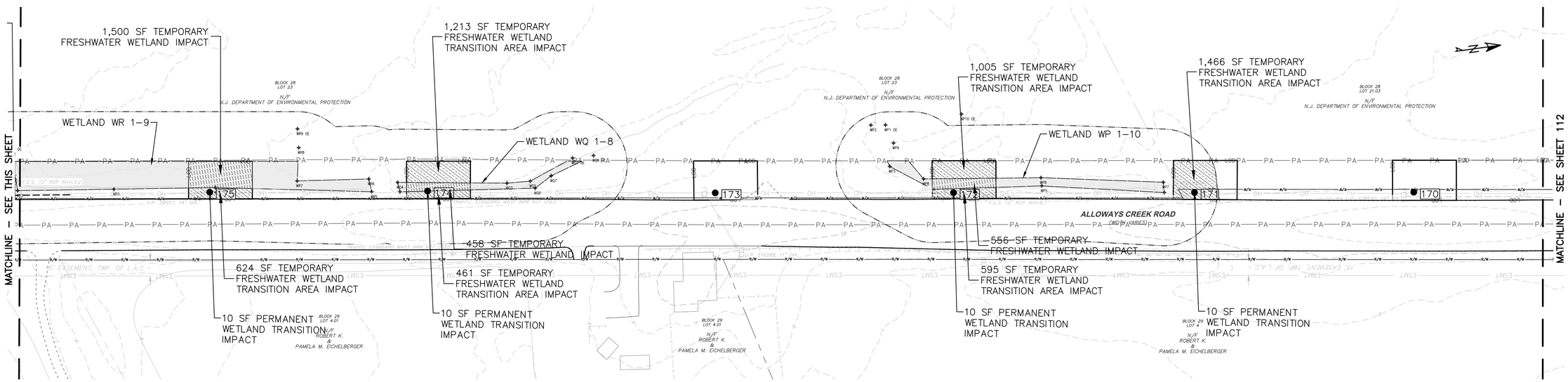
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–8
SHEET NO: 110
PAGE NO: 12 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	5720
FRESHWATER WETLAND TRANSITION AREAS	90	0	13060
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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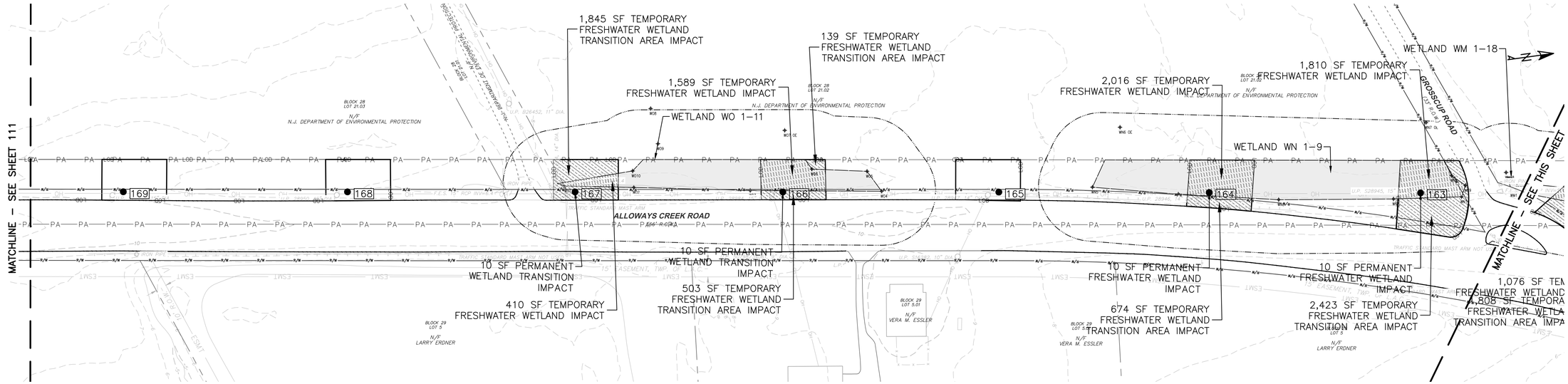
5100 HARDING HWY.
MAYS LANDING, NJ 08330

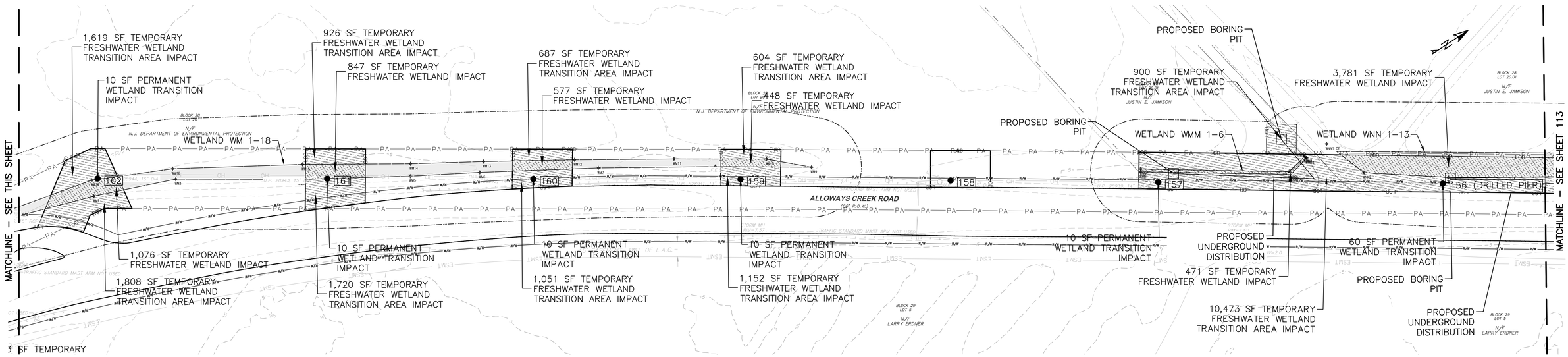
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–9
SHEET NO: 111
PAGE NO: 13 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	20	0	13025
FRESHWATER WETLAND TRANSITION AREAS	130	0	26524
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
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- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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A PHI Company

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MORRISTOWN, NJ 07960
Phone: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

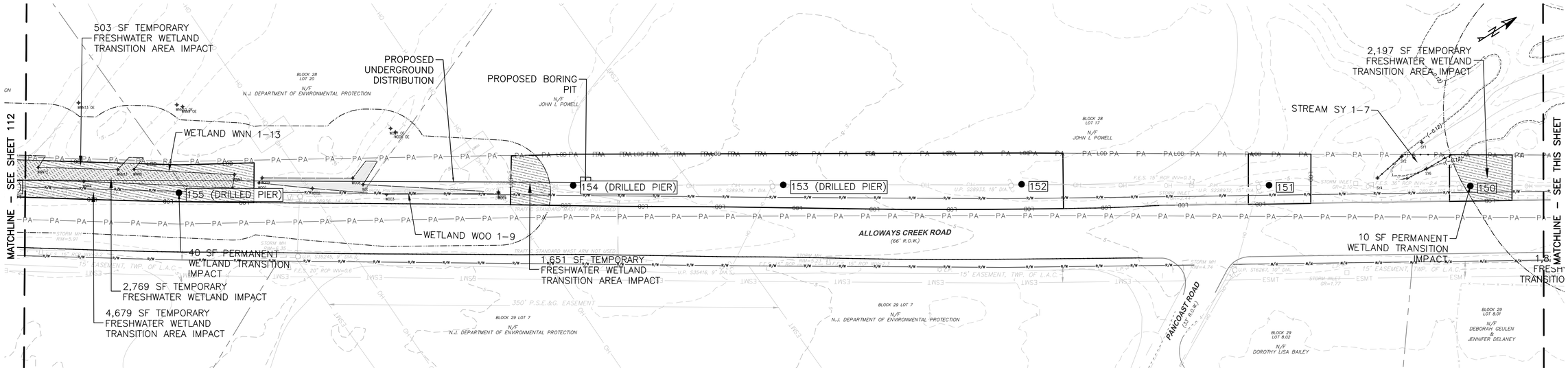
5100 HARDING HWY,
MAYS LANDING, NJ 08330

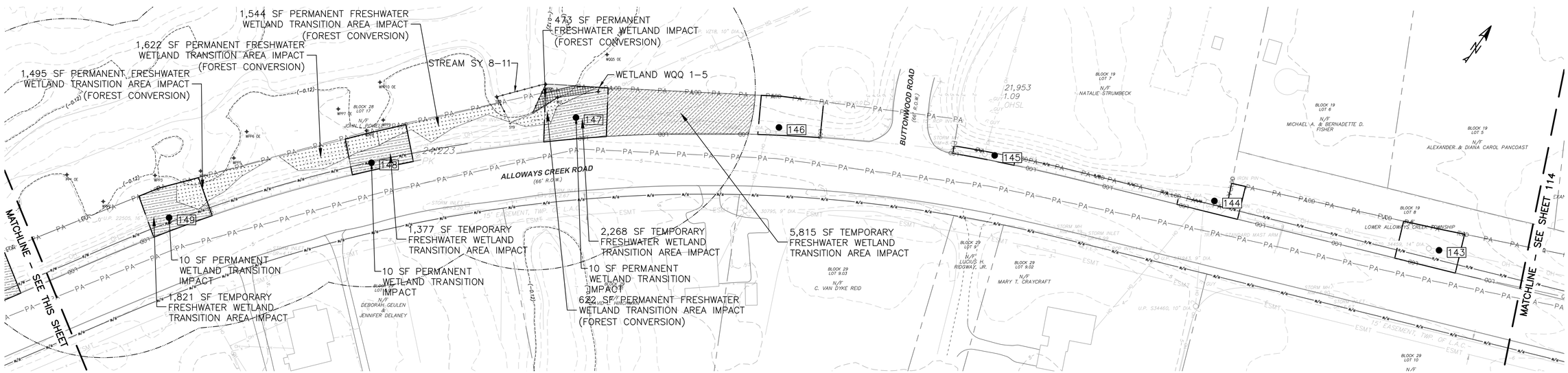
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–10
SHEET NO: 112
PAGE NO: 14 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	473	2769
FRESHWATER WETLAND TRANSITION AREAS	80	5283	20311
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
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- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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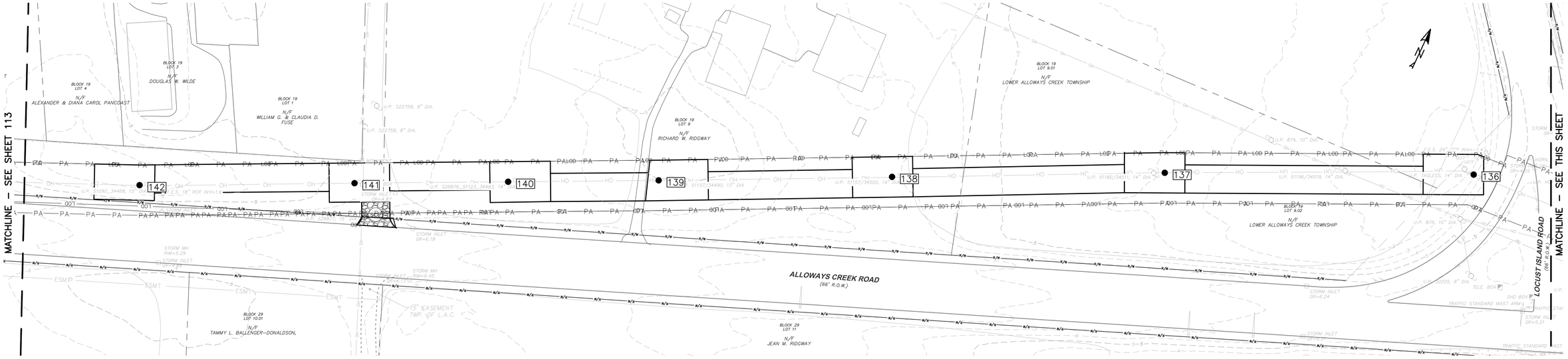
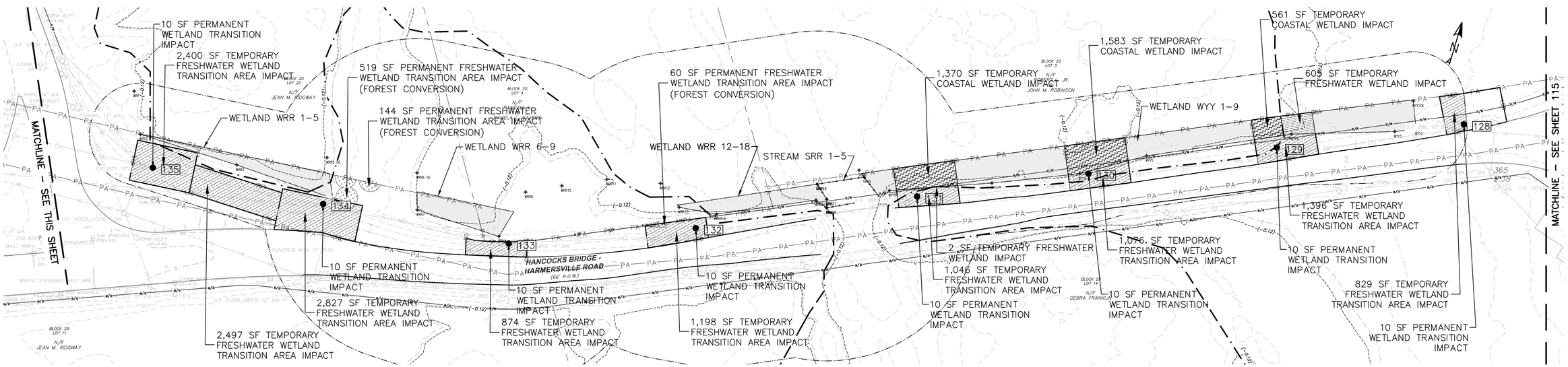
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN-11
SHEET NO: 113
PAGE NO: 15 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	607
FRESHWATER WETLAND TRANSITION AREAS	80	723	14143
COASTAL WETLANDS	0	0	3514

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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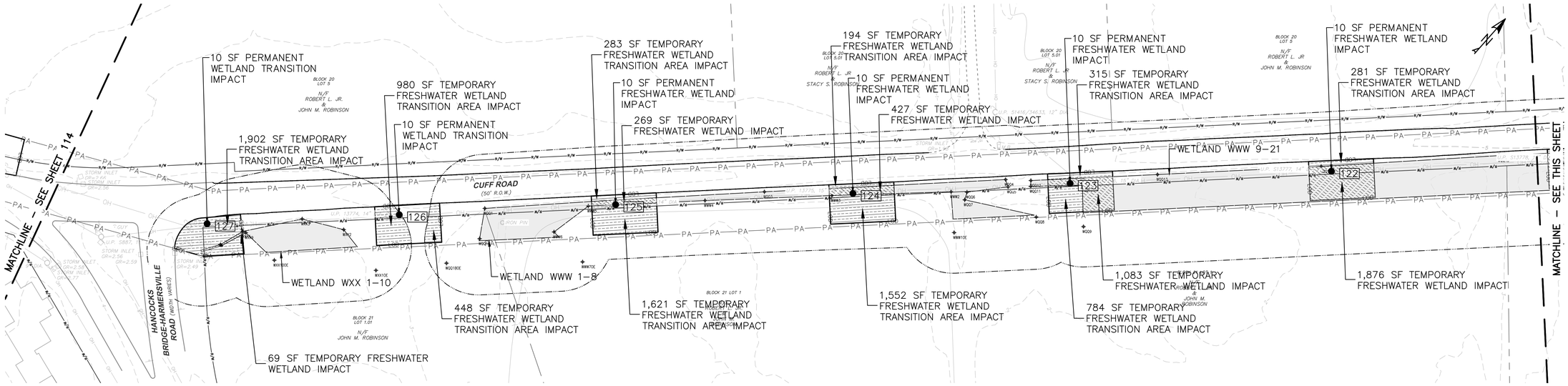
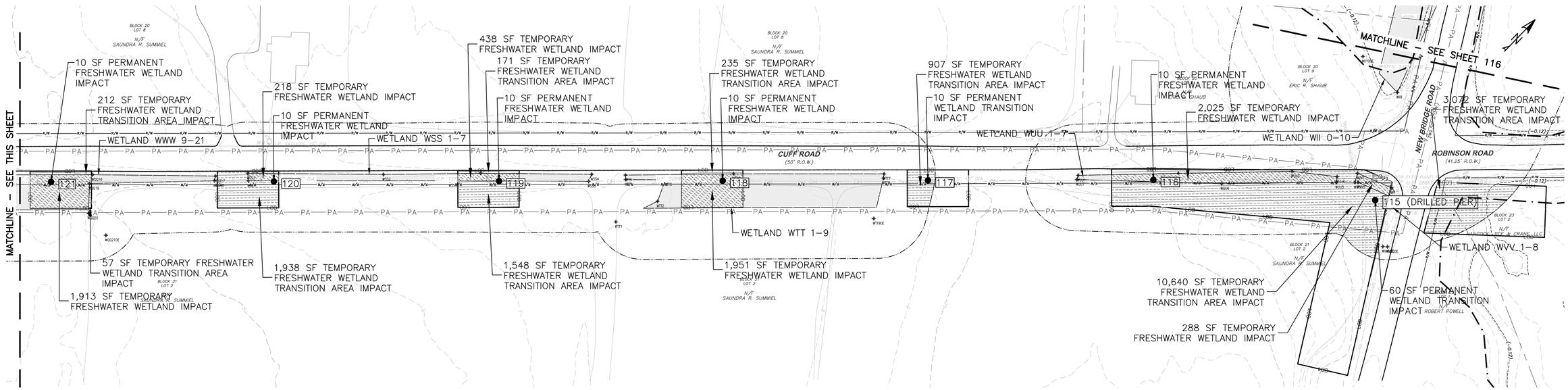
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–12
SHEET NO: 114
PAGE NO: 16 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	90	0	10339
FRESHWATER WETLAND TRANSITION AREAS	90	0	44198
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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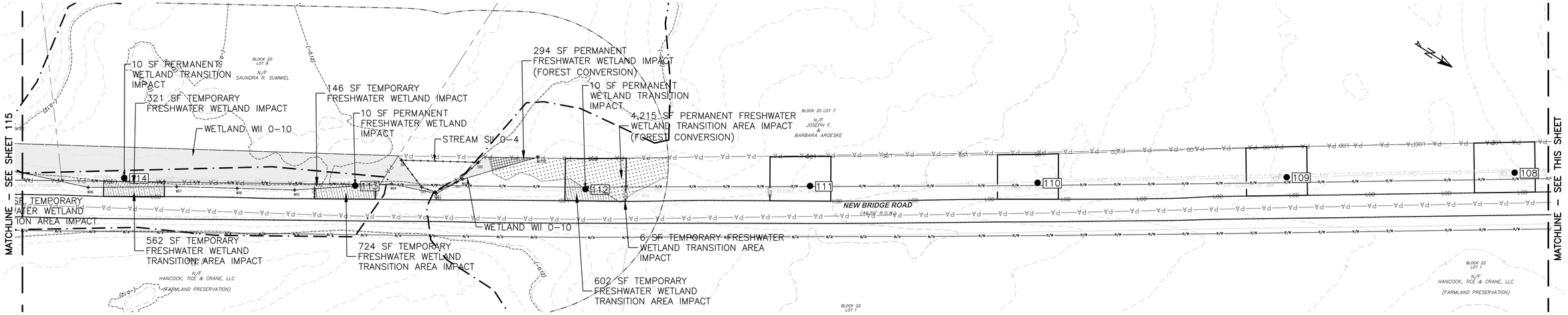
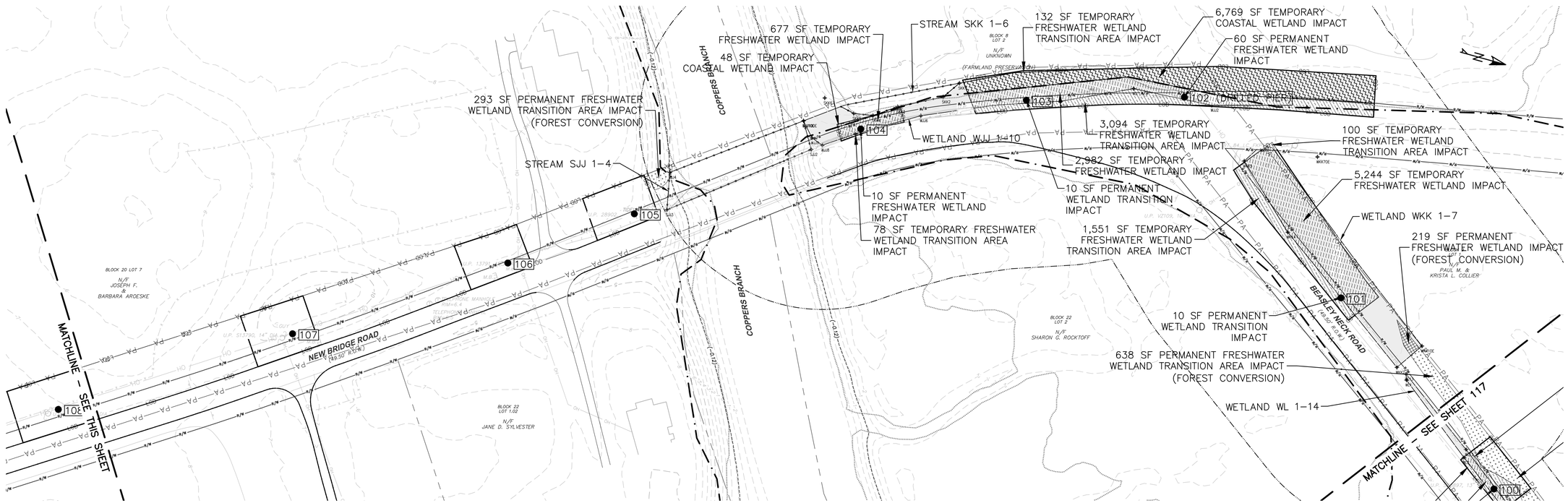
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–13
SHEET NO: 115
PAGE NO: 17 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	80	513	9370
FRESHWATER WETLAND TRANSITION AREAS	40	5146	6849
COASTAL WETLANDS	0	0	6817

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

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MORRISTOWN, NJ 07960
Phone: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

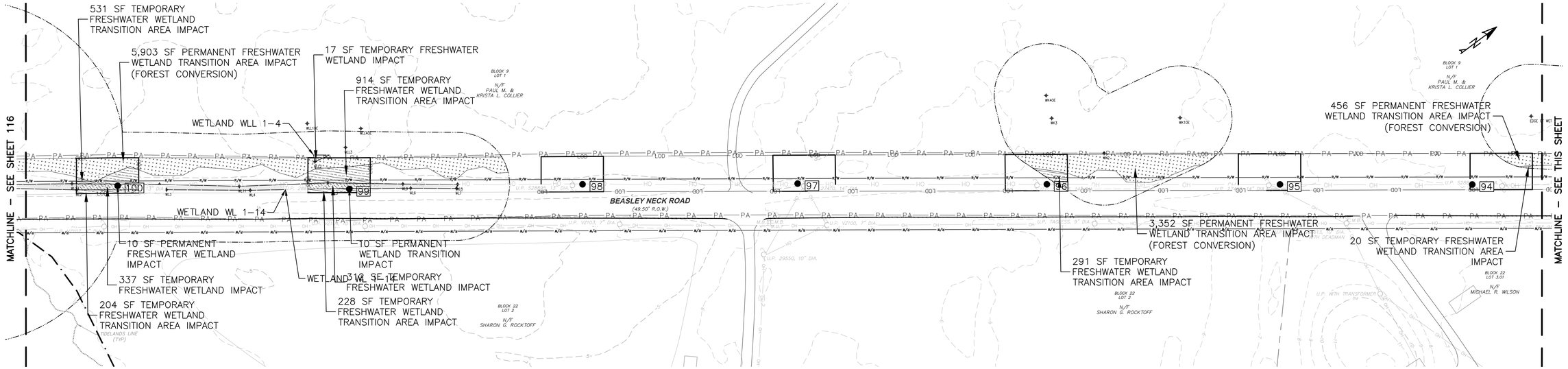
5100 HARDING HWY,
MAYS LANDING, NJ 08330

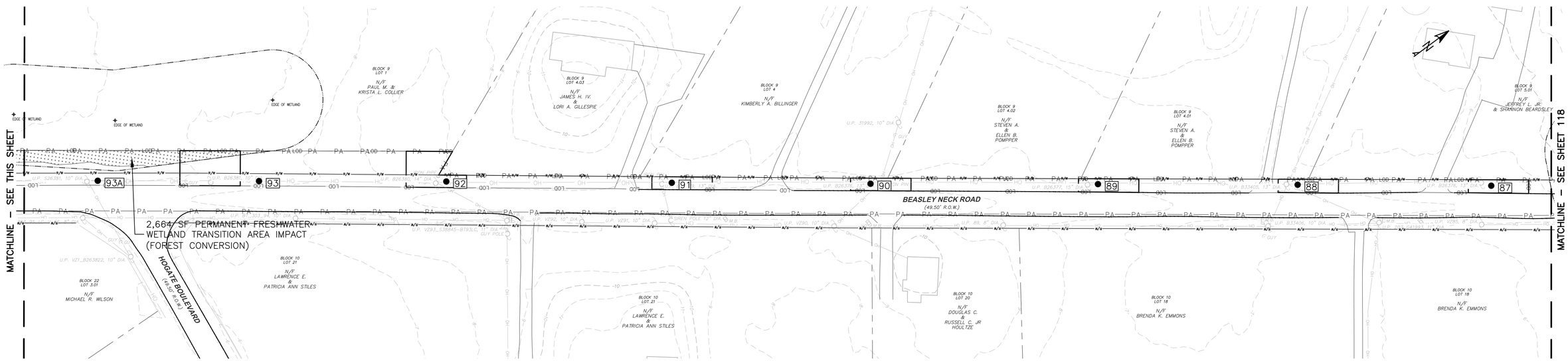
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–14
SHEET NO: 116
PAGE NO: 18 of 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
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- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	10	0	666
FRESHWATER WETLAND TRANSITION AREAS	10	12375	2188
COASTAL WETLANDS	0	0	0

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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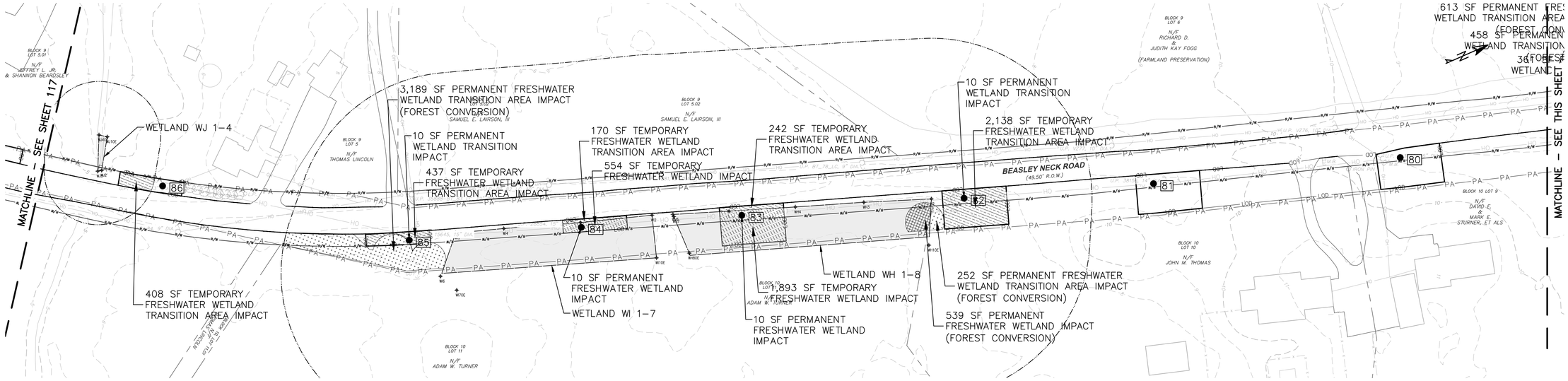
5100 HARDING HWY.
MAYS LANDING, NJ 08330

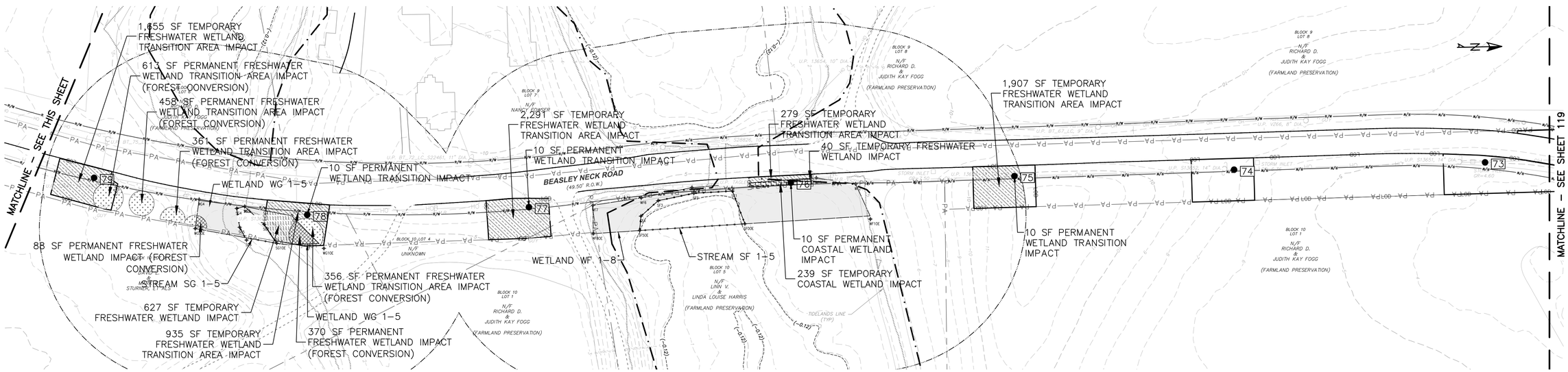
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–15
SHEET NO: 117
PAGE NO: 19 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	20	997	3114
FRESHWATER WETLAND TRANSITION AREAS	50	5229	10462
COASTAL WETLANDS	10	0	239

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
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- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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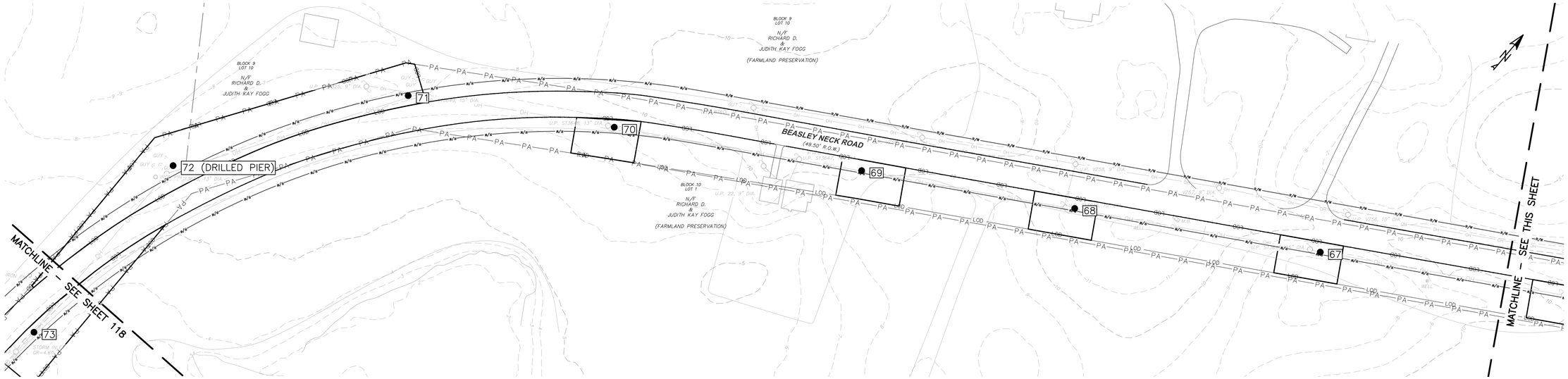
5100 HARDING HWY.
MAYS LANDING, NJ 08330

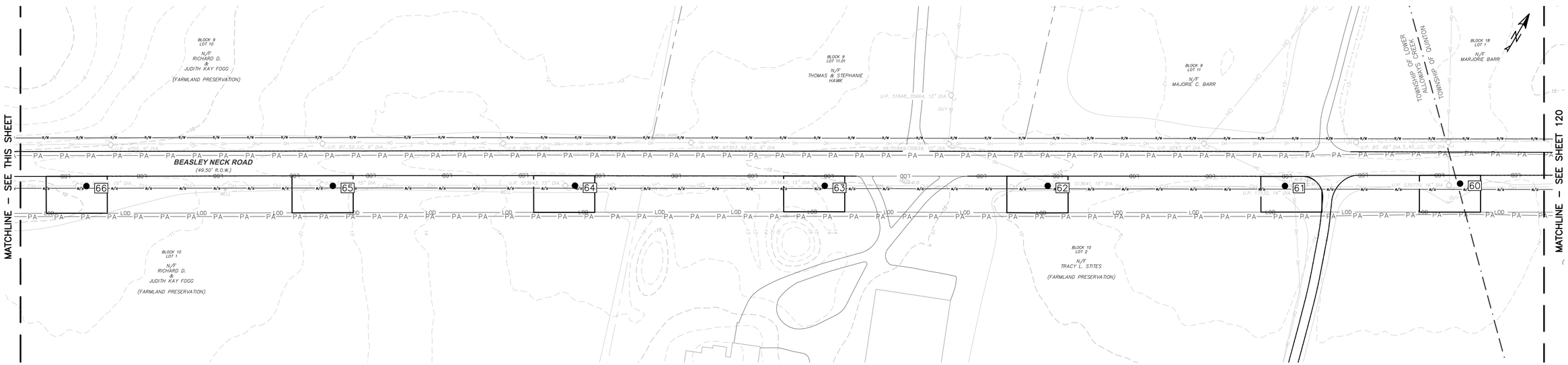
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–16
SHEET NO: 118
PAGE NO: 20 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	0
FRESHWATER WETLAND TRANSITION AREAS	0	0	0
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
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- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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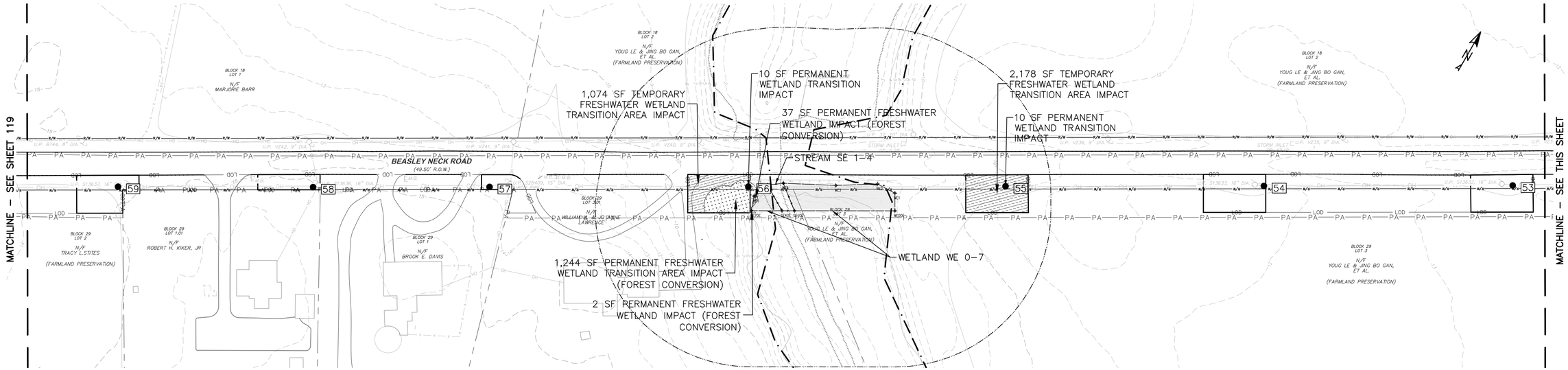
Phone: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY.
MAYS LANDING, NJ 08330

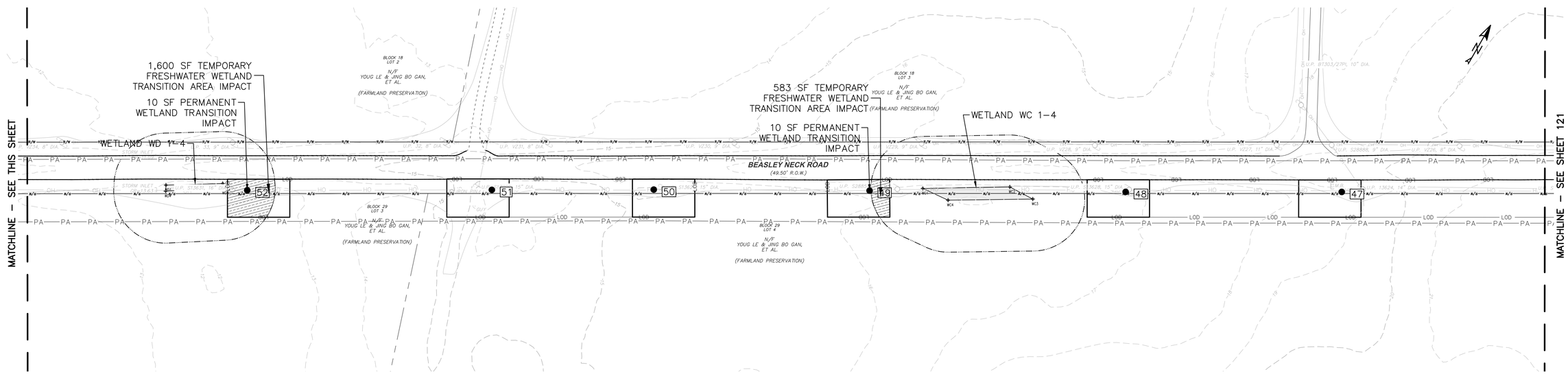
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–17
SHEET NO: 119
PAGE NO: 21 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	39	0
FRESHWATER WETLAND TRANSITION AREAS	40	1244	5435
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- HIGH TIDE CONTOUR
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- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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NJ CERT. OF AUTHORIZATION 24GA27933700

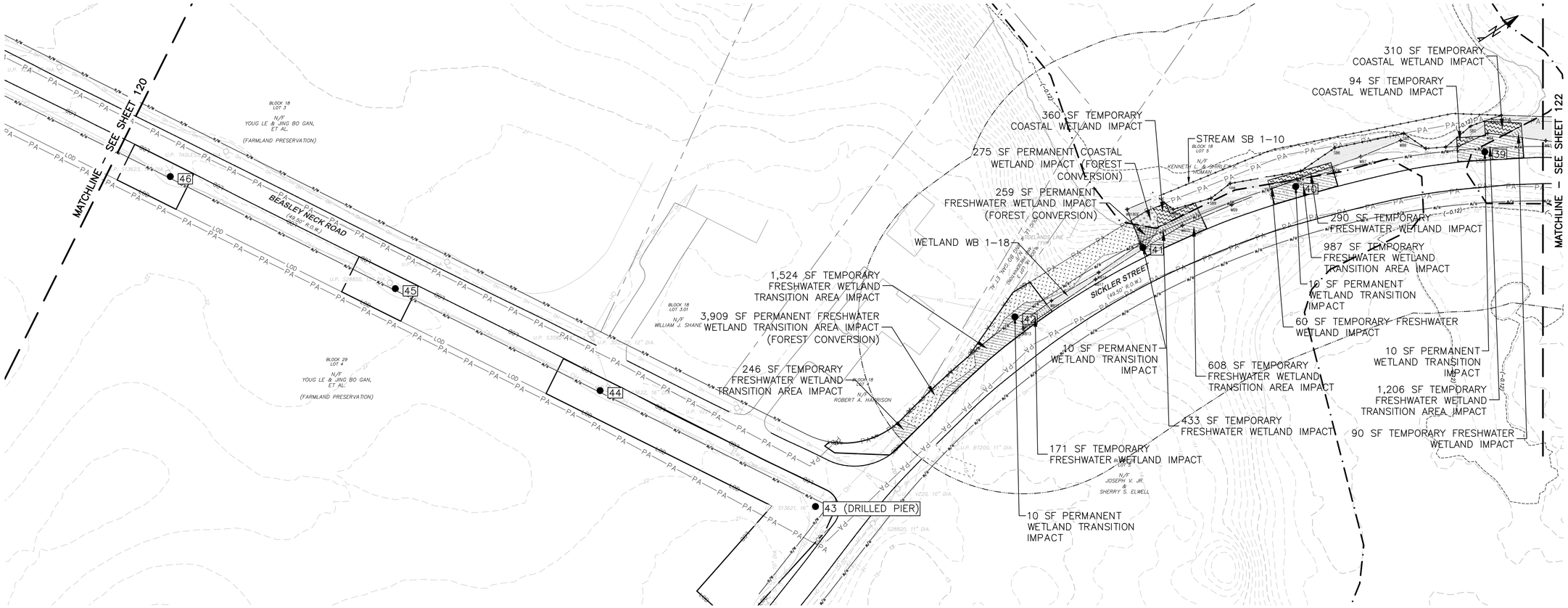
5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–18
SHEET NO: 120
PAGE NO: 22 of 116



	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	259	754
FRESHWATER WETLAND TRANSITION AREAS	40	3909	4571
COASTAL WETLANDS	0	275	1054

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
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- PROJECT AREA
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- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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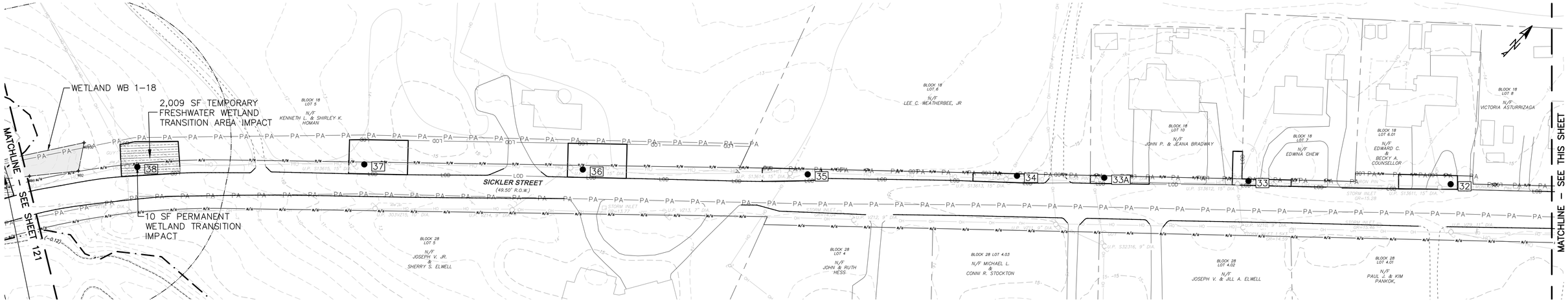
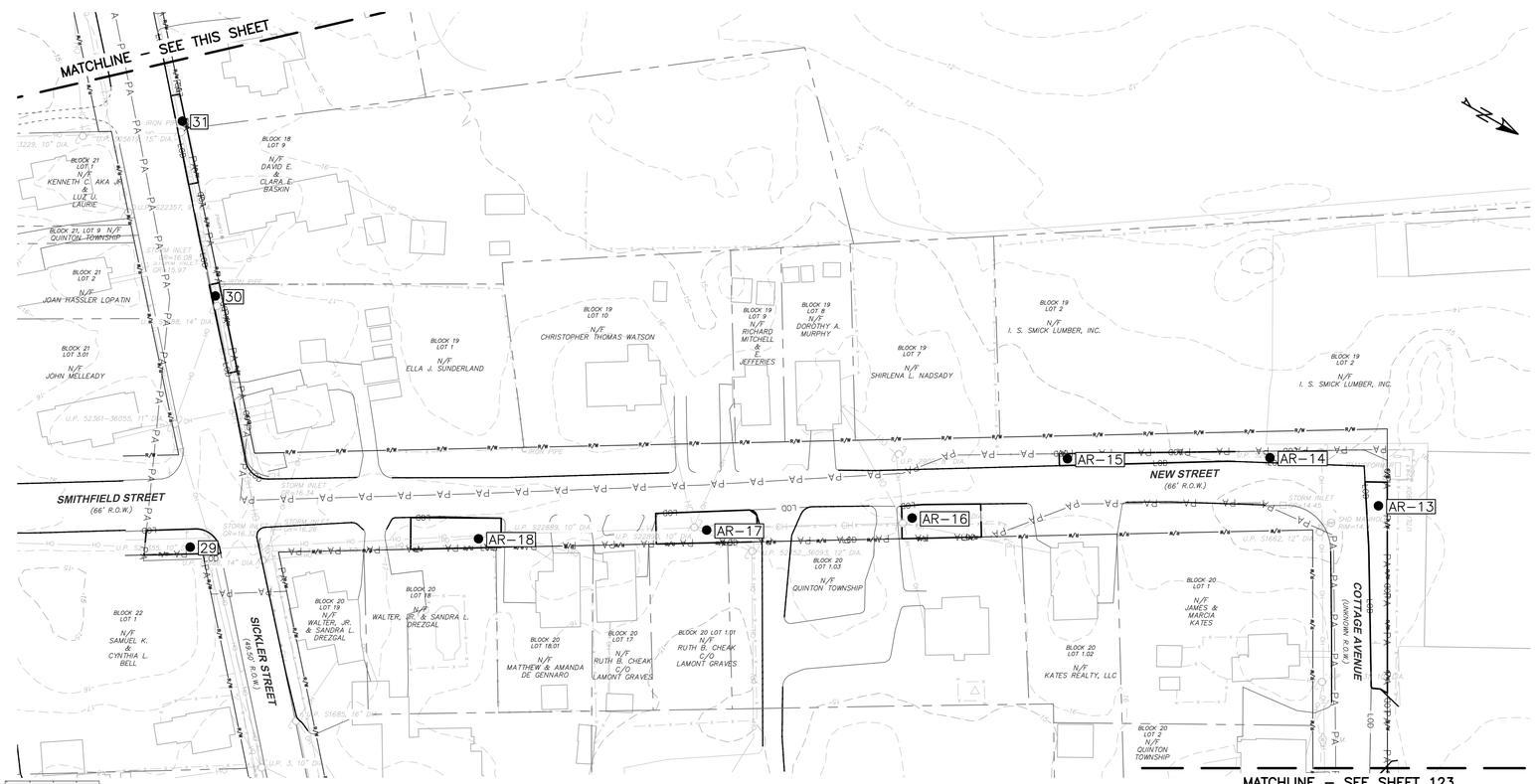
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–19
SHEET NO: 121
PAGE NO: 23 of 116





	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	0
FRESHWATER WETLAND TRANSITION AREAS	10	0	2009
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

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AMANDA L. NGOV
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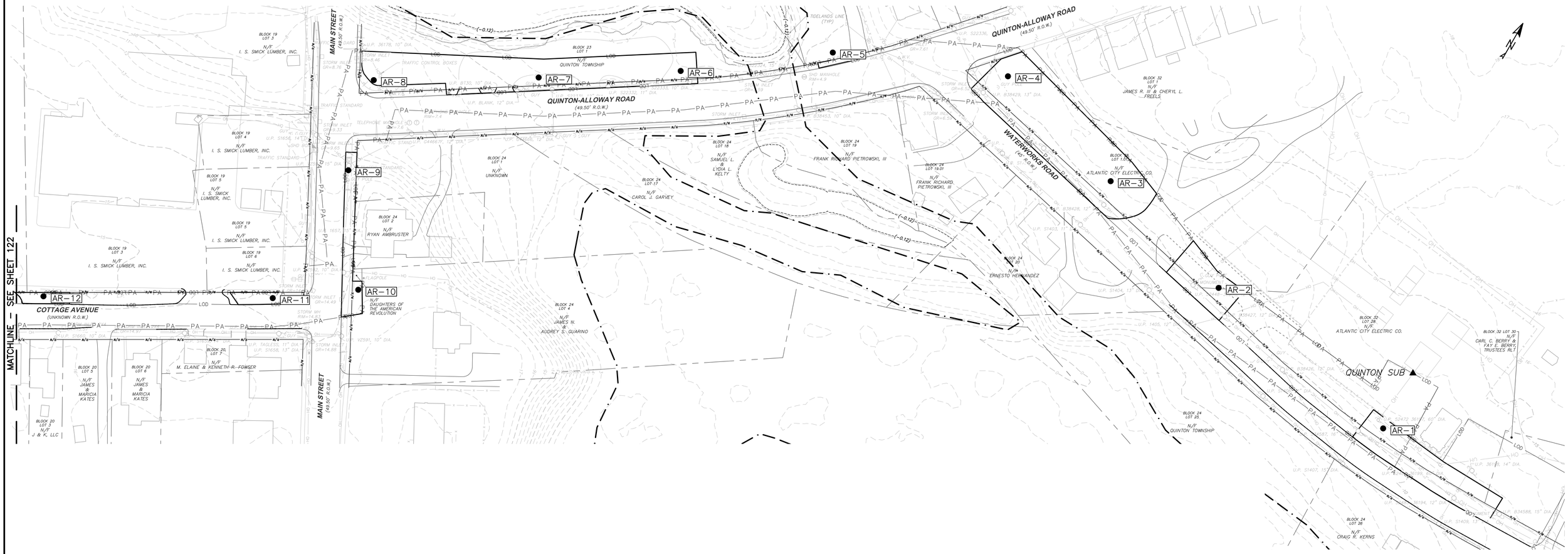
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–20
SHEET NO: 122
PAGE NO: 24 of 116



LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	0
FRESHWATER WETLAND TRANSITION AREAS	0	0	0
COASTAL WETLANDS	0	0	0

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
Phone: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

atlantic city electric
A PHI Company

5100 HARDING HWY,
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

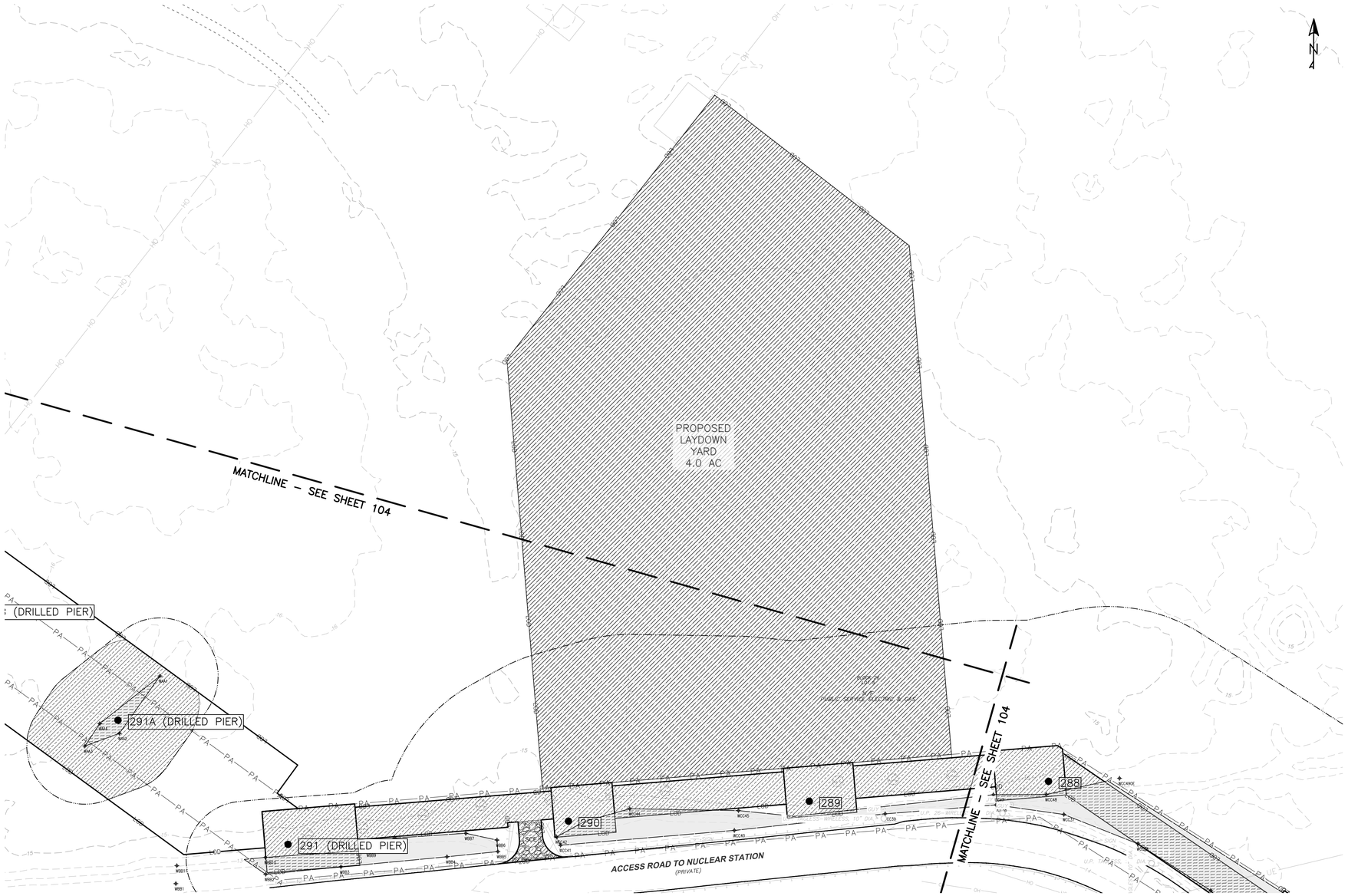
PROJECT NO: LP2042450.036A

SCALE: 0 50 100 — 1" = 50'

SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–21

SHEET NO: 123

PAGE NO: 25 of 116



	PERMANENT IMPACT [SF]	PERMANENT IMPACT DUE TO WETLAND CONVERSION [SF]	TEMPORARY IMPACT [SF]
FRESHWATER WETLANDS	0	0	0
FRESHWATER WETLAND TRANSITION AREAS	0	0	0
COASTAL WETLANDS	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- PERMANENT FRESHWATER WETLAND TRANSITION IMPACT
- PERMANENT FRESHWATER WETLAND IMPACT
- PERMANENT COSTAL WETLAND IMPACT
- TEMPORARY FRESHWATER WETLAND TRANSITION IMPACT
- TEMPORARY FRESHWATER WETLAND IMPACT
- TEMPORARY COSTAL WETLAND IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

FRESHWATER WETLAND & COASTAL WETLAND PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: FRESHWATER WETL. & COASTAL WETL. PLAN–22
SHEET NO: 124
PAGE NO: 26 of 116

GENERAL NOTES

1. PROJECT VERTICAL DATUM IS NAVD88. CONVERSION FROM NAVD88 TO NGVD29 IS:

NGVD29 ELEVATION (FEET) = NAVD88 ELEVATION (FEET) + (−0.928) FEET

Plan Sheet	In-Water				Upland			
	Permanent			Temporary (SF)	Permanent			Temporary (SF)
	Structure (SF)	Forest Impact (SF)	Aerial Crossing (SF)		Structure (SF)	Forest Impact (SF)	Aerial Crossing (SF)	
303	0	0	0	512				
304	0	91	0	1,392				
305	0	633	251	3,178				
306	0	0	0	3,024				
307	0	0	0	5,113				
308	0	0	0	50				
309	0	0	0	0				
310	0	882	102	3,153				
311	0	0	0	2,763				
312	0	14	108	5,595				
313	0	0	0	0				
314	0	0	0	429				
315	0	0	0	0	170	0	0	14,194
Total (SF)	0	1,620	461	25,209	170	0	0	14,194
	1,620			25,209	170			14,194
Total (AC)	0.0000	0.0372	0.0106	0.5787	0.0039	0.0000	0.0000	0.3258
	0.0372			0.5787	0.0039			0.3258

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY · AMANDA L. NGOV · No. GE58310 · LICENSED PROFESSIONAL ENGINEER

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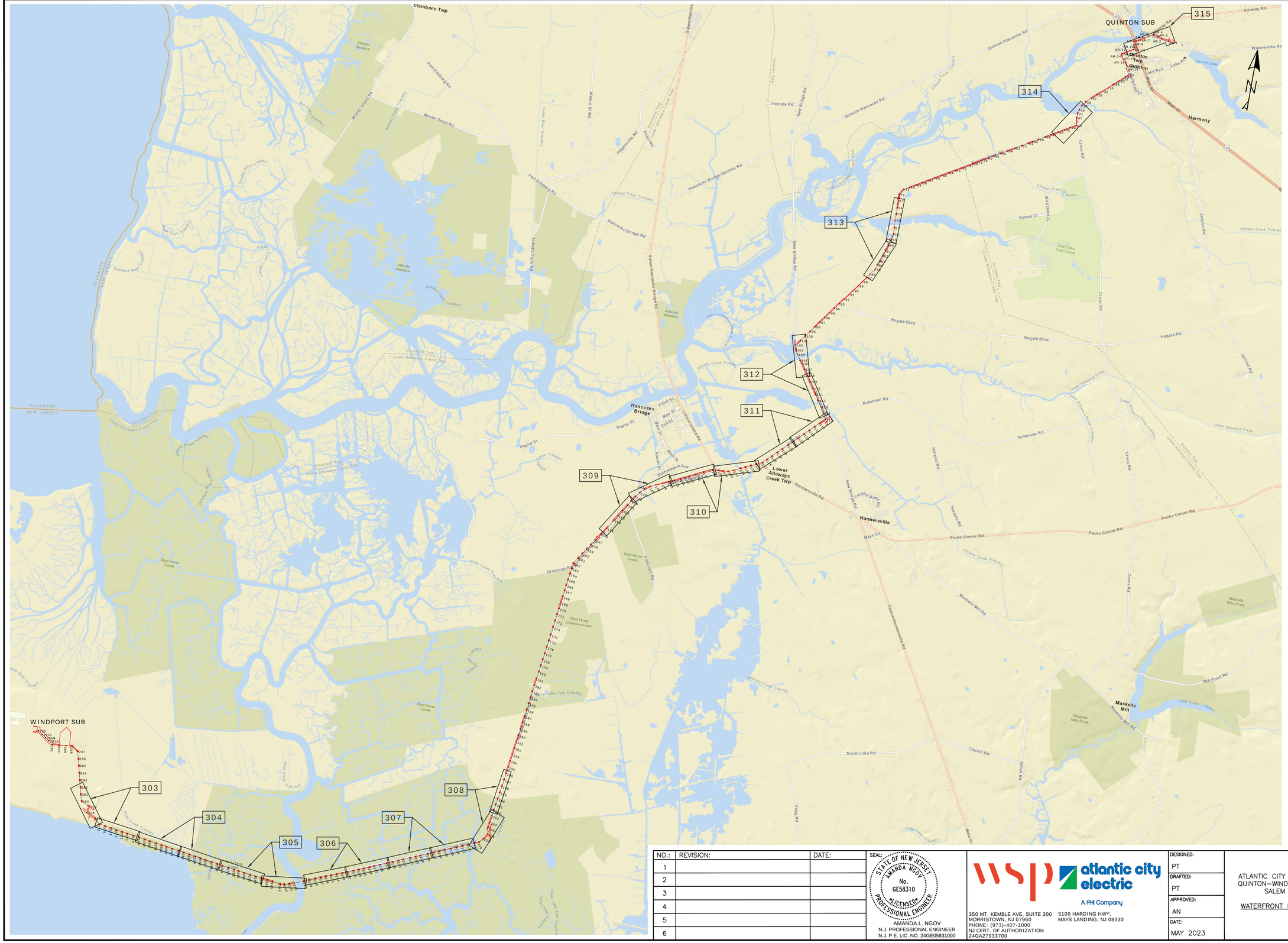
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD IMPACT PLAN NOTES
SHEET NO: 301
PAGE NO: 51 of 116



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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

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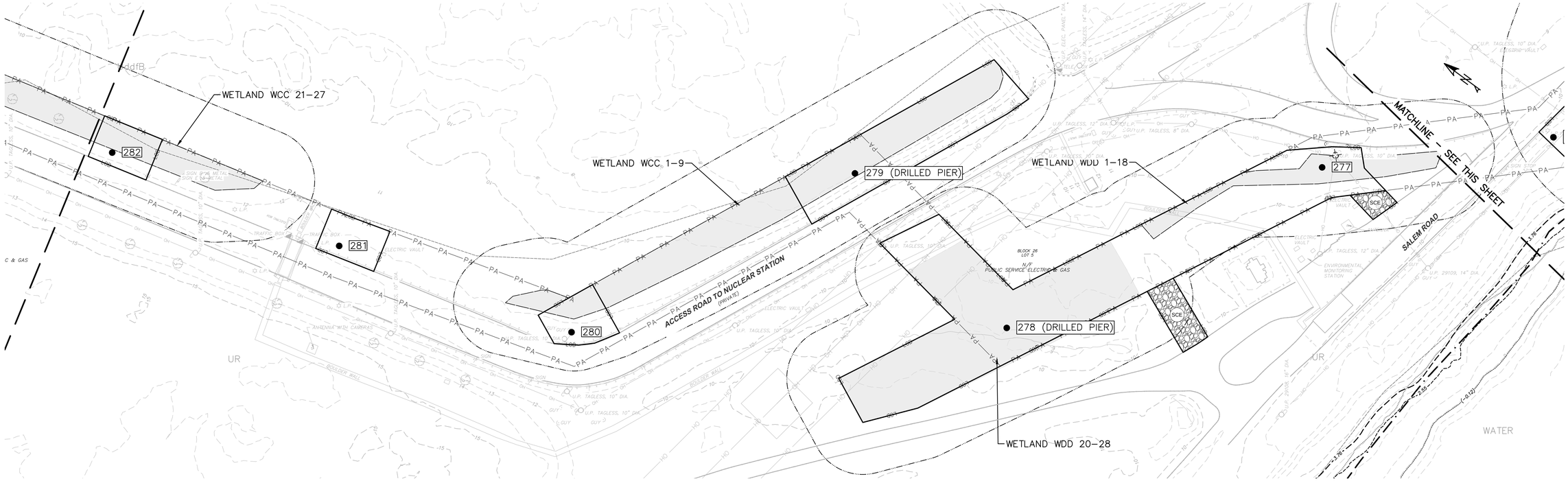
MAYS LANDING, NJ 08330

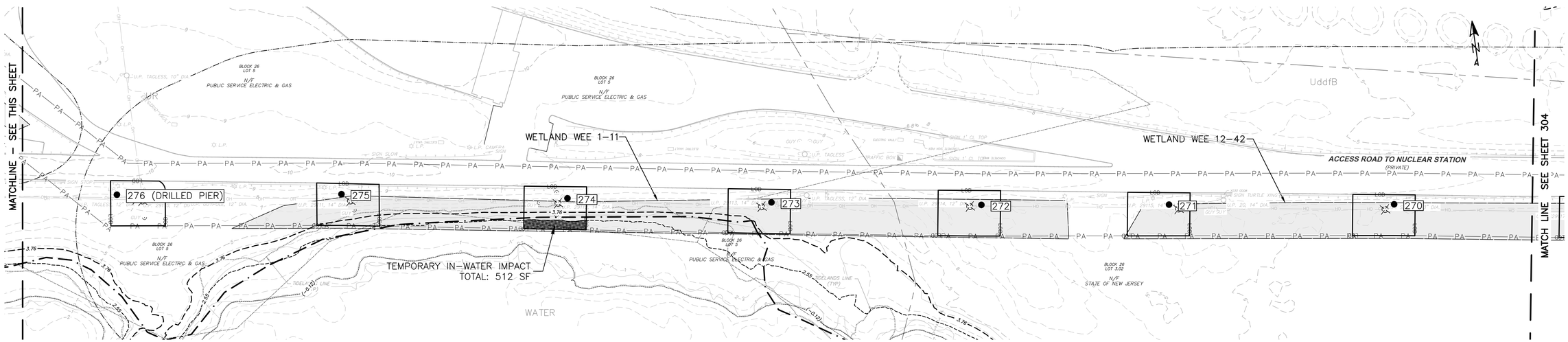
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 1500 3000
SHEET NAME: 1" = 1500'
WFD KEY PLAN
SHEET NO: 302
PAGE NO: 52 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN–WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN–WATER	0	0	0	512
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN–WATER IMPACT
- TEMPORARY UP–LAND IMPACT
- PERMANENT IN–WATER IMPACT

NO.:	REVISION:	DATE:
1		
2		
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

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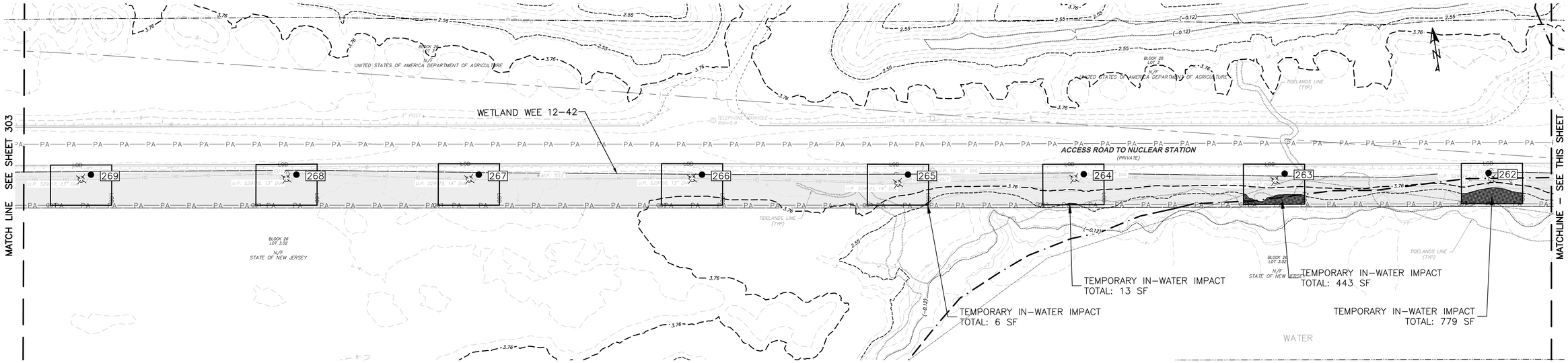
5100 HARDING HWY.
MAYS LANDING, NJ 08330

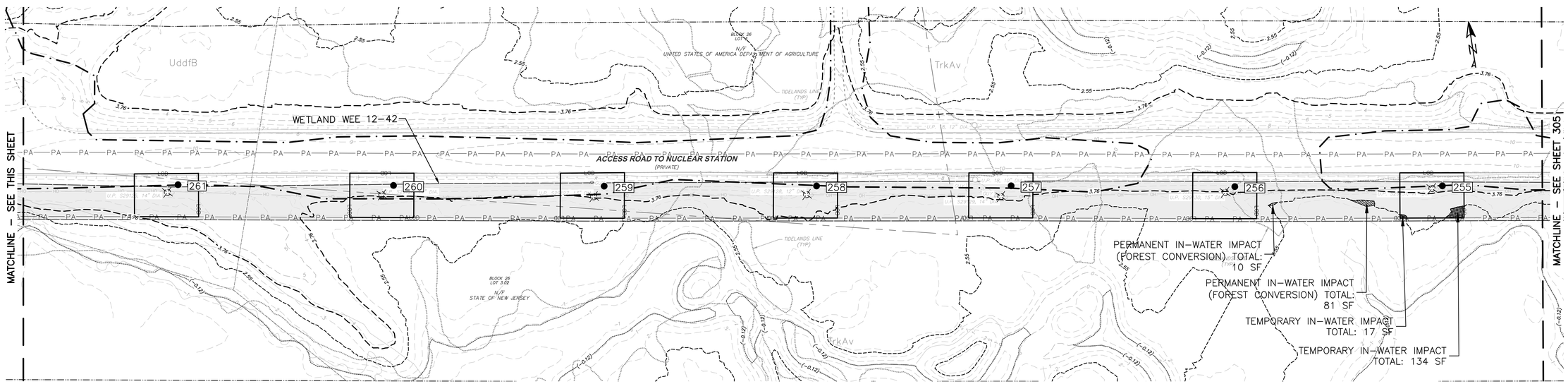
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: WFD PLAN–1
SHEET NO: 303
PAGE NO: 53 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	91	0	1392
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

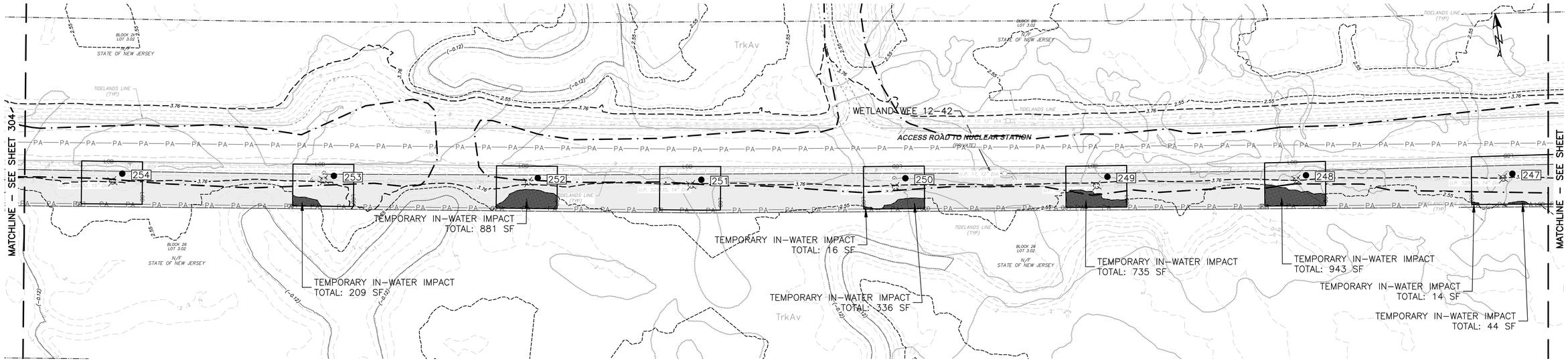
atlantic city electric
A PHI Company
5100 HARDING HWY,
MAYS LANDING, NJ 08330

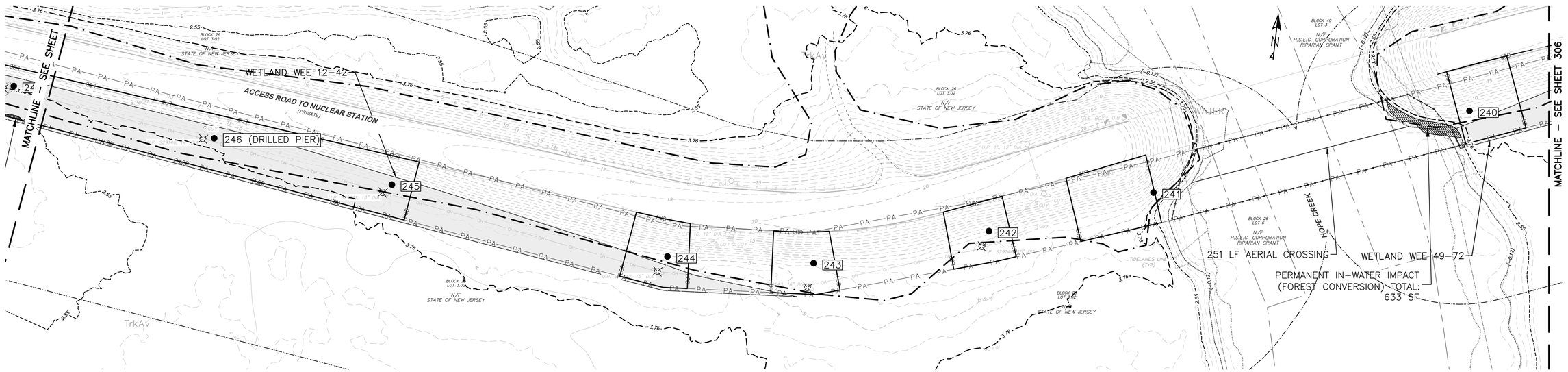
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN-2
SHEET NO: 304
PAGE NO: 54 of 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
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- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
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- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	633	251	3178
UPLAND	0	0	0	0

NO.:	REVISION:	DATE:
1		
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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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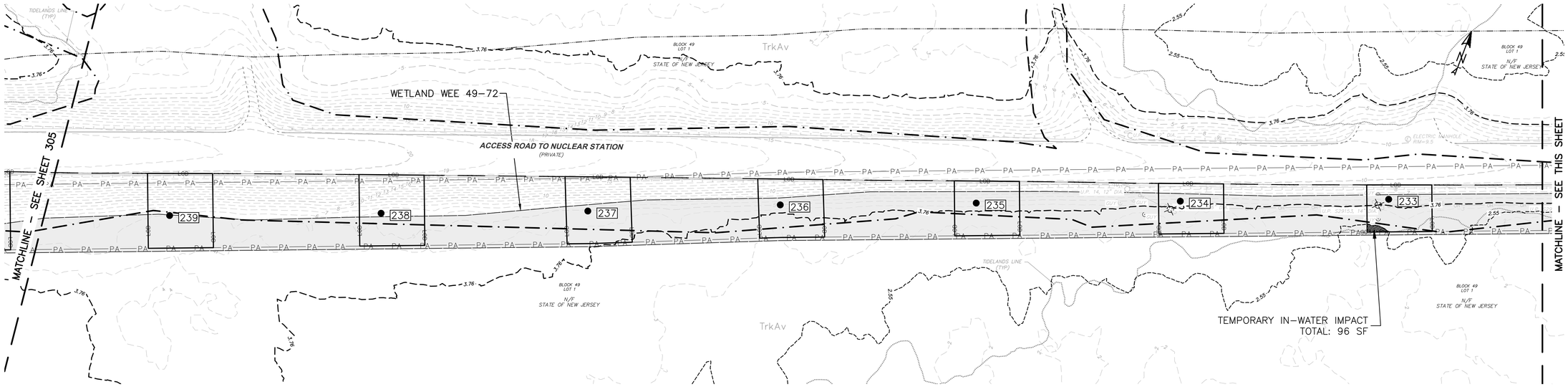
5100 HARDING HWY.
MAYS LANDING, NJ 08330

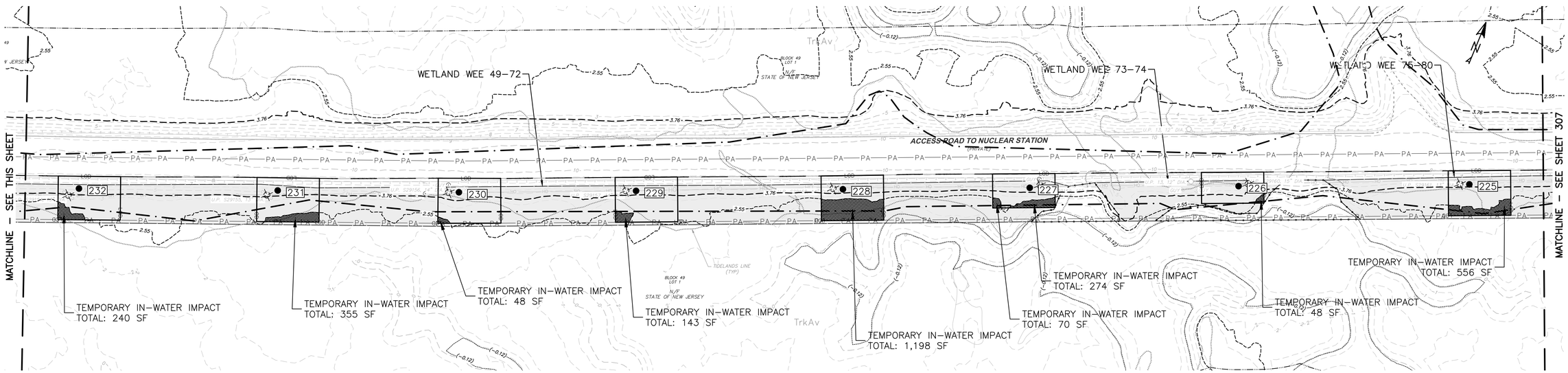
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN-3
SHEET NO: 305
PAGE NO: 55 of 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PROMULGATED COSTAL WETLAND LINE
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- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	3024
UPLAND	0	0	0	0

NO.:	REVISION:	DATE:
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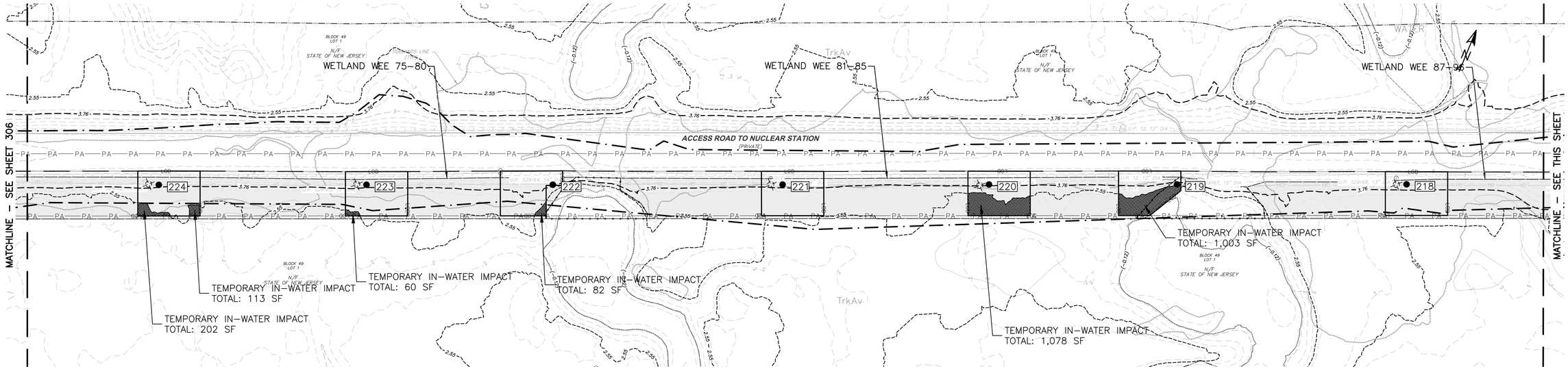
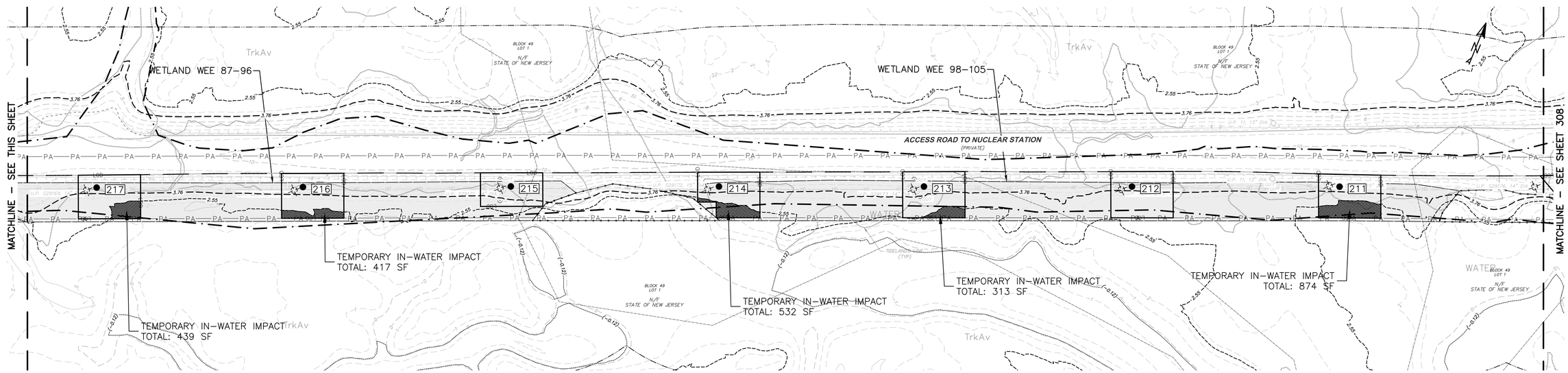
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN-4
SHEET NO: 306
PAGE NO: 56 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	5113
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

NO.:	REVISION:	DATE:
1		
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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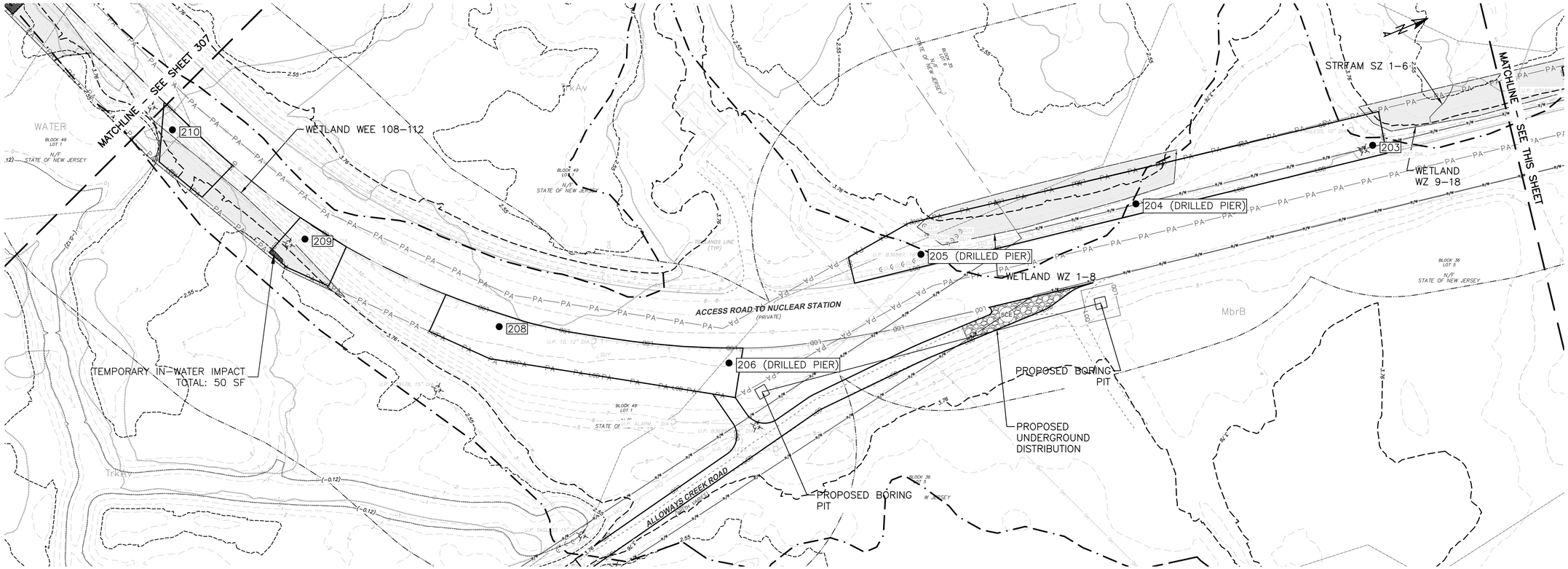
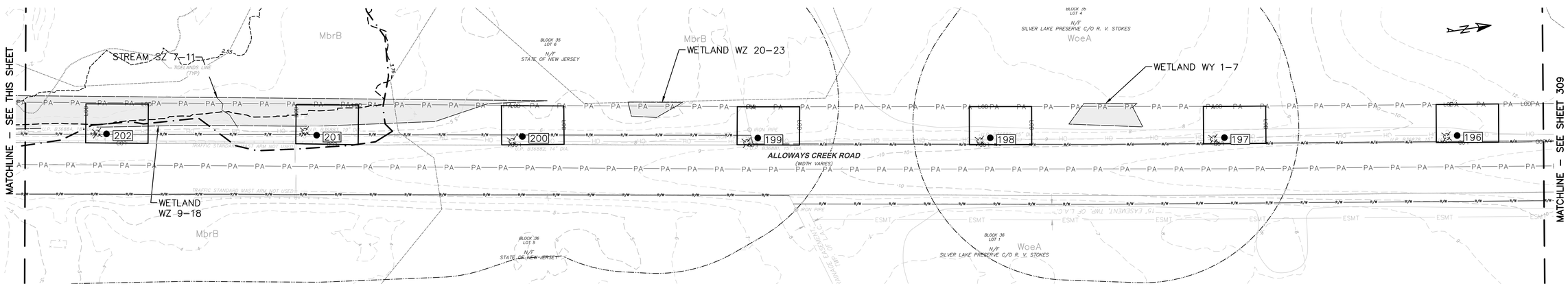
ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: WFD PLAN-5
SHEET NO: 307
PAGE NO: 57 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	50
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp

atlantic city electric
A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

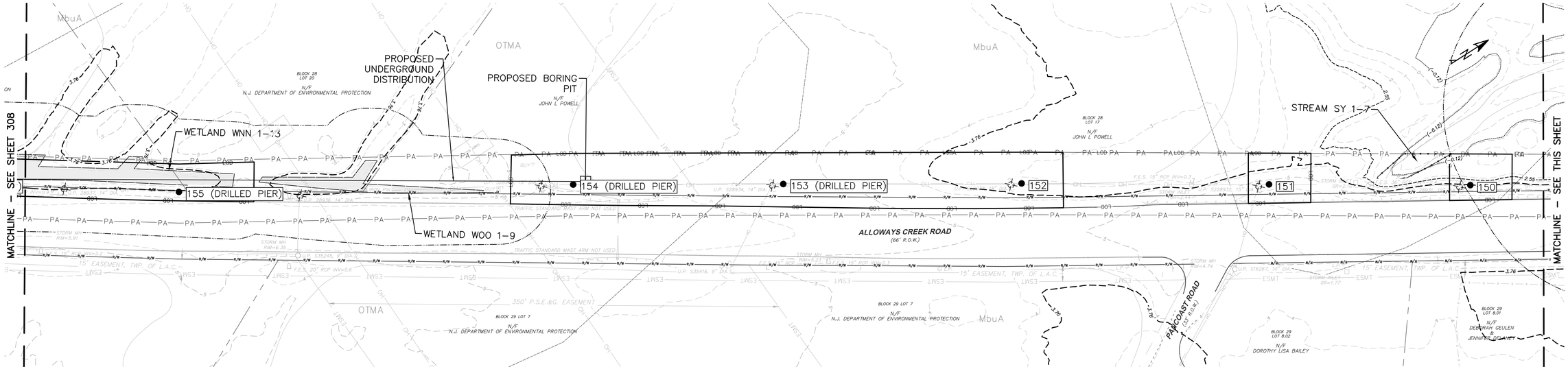
5100 HARDING HWY,
MAYS LANDING, NJ 08330

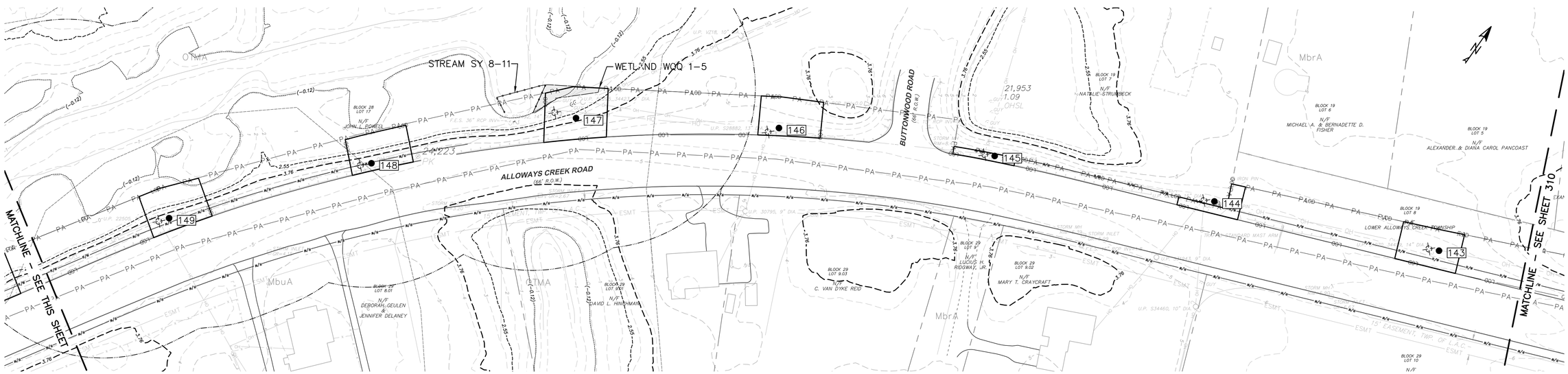
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: WFD PLAN-6
SHEET NO: 308
PAGE NO: 58 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN–WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN–WATER	0	0	0	0
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
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- TEMPORARY IN–WATER IMPACT
- TEMPORARY UP–LAND IMPACT
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NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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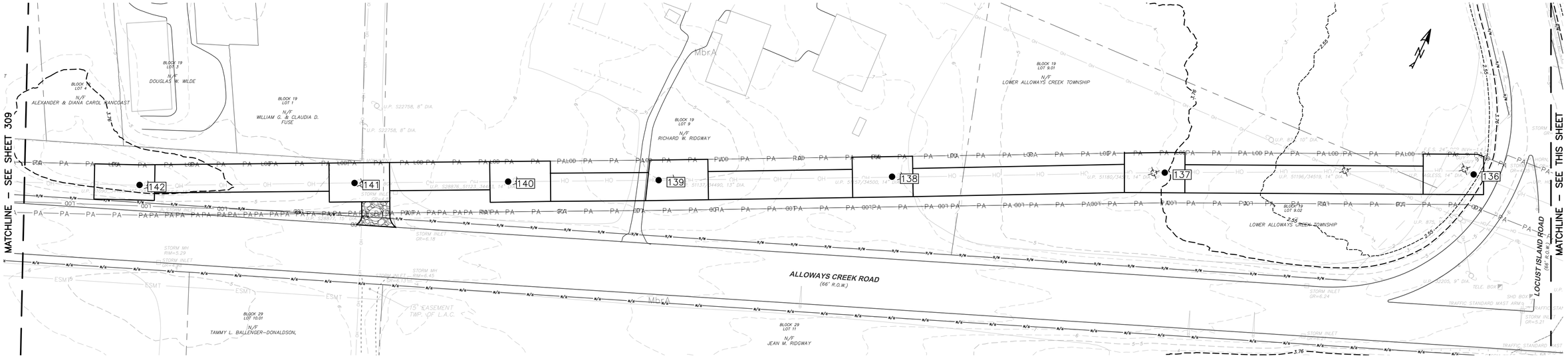
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY.
MAYS LANDING, NJ 08330

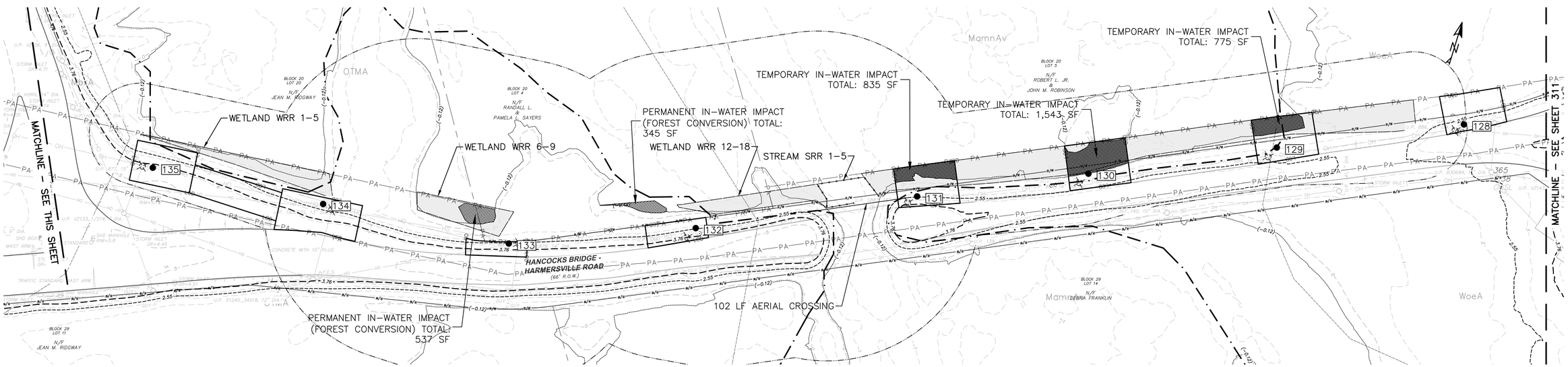
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: WFD PLAN–7
SHEET NO: 309
PAGE NO: 59 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN–WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN–WATER	0	882	102	3153
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PERMANENT IN–WATER IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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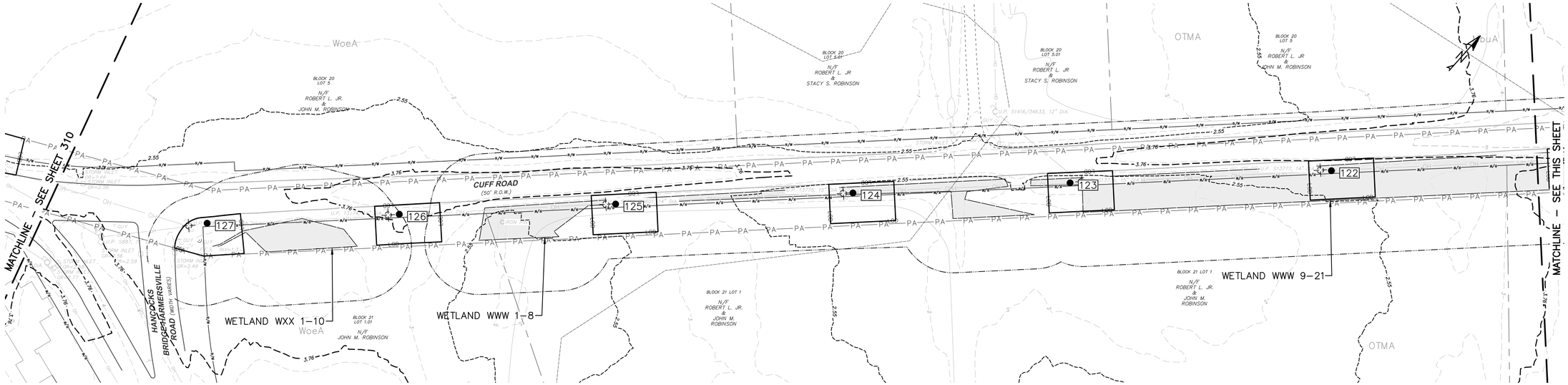
MAYS LANDING, NJ 08330

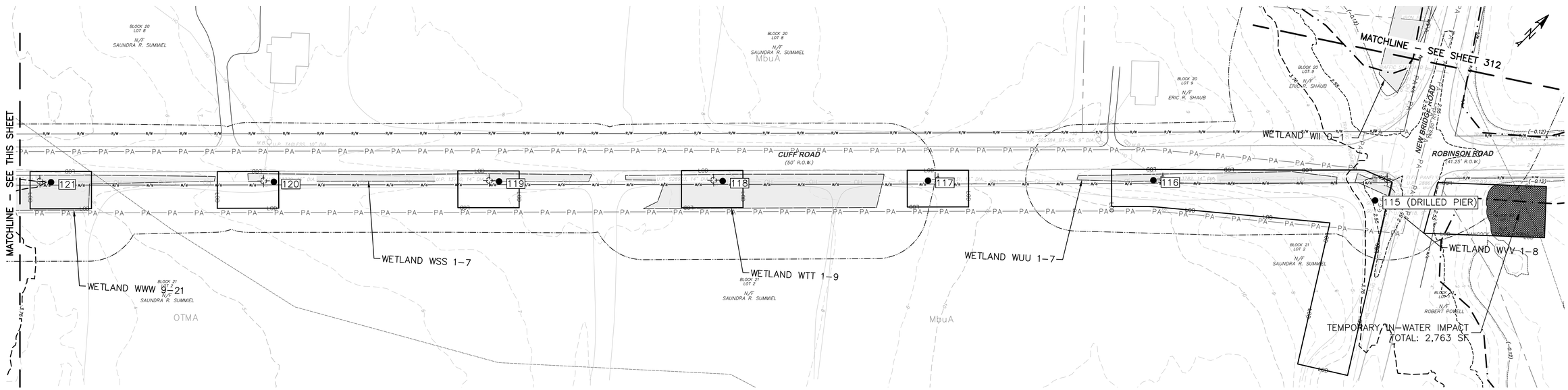
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN–8
SHEET NO: 310
PAGE NO: 60 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	2763
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- TEMPORARY IN-WATER IMPACT
- TEMPORARY UP-LAND IMPACT
- PERMANENT IN-WATER IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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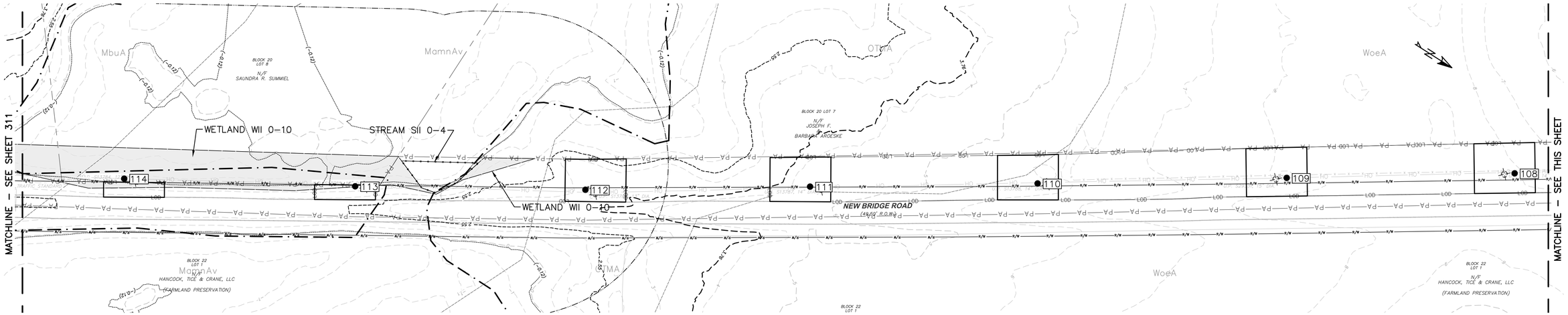
MAYS LANDING, NJ 08330

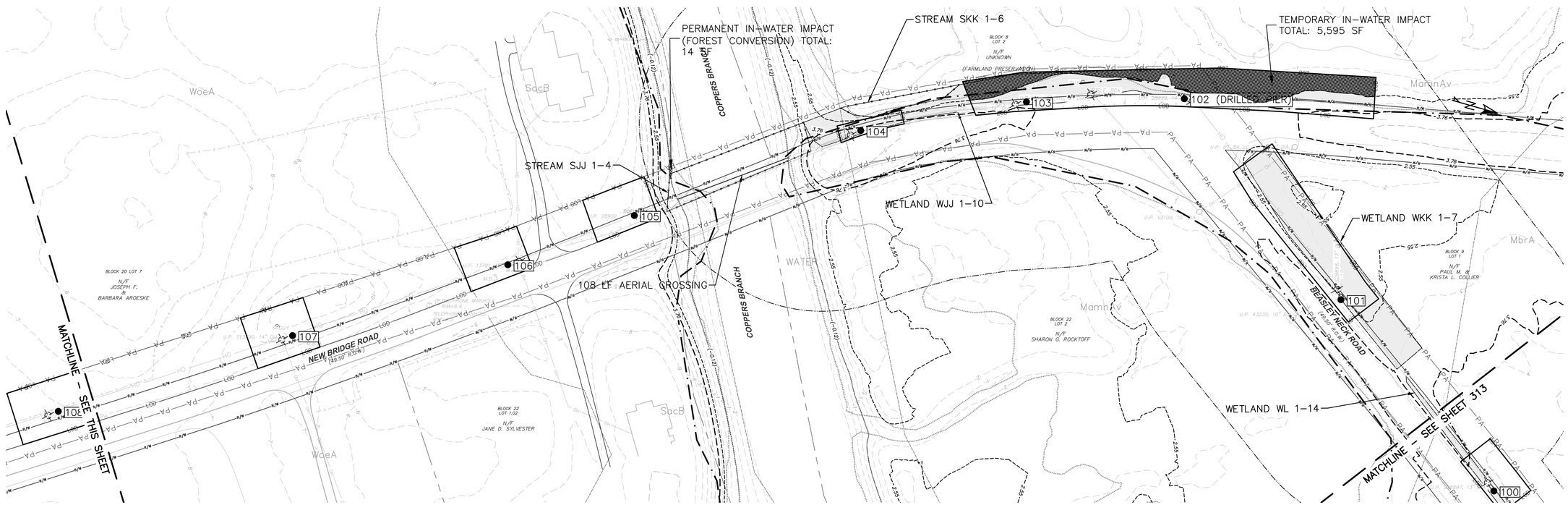
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN-9
SHEET NO: 311
PAGE NO: 61 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN–WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN–WATER	0	14	108	5595
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
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- MEAN HIGHER HIGH WATER LINE
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- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN–WATER IMPACT
- TEMPORARY UP–LAND IMPACT
- PERMANENT IN–WATER IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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24GA27933700

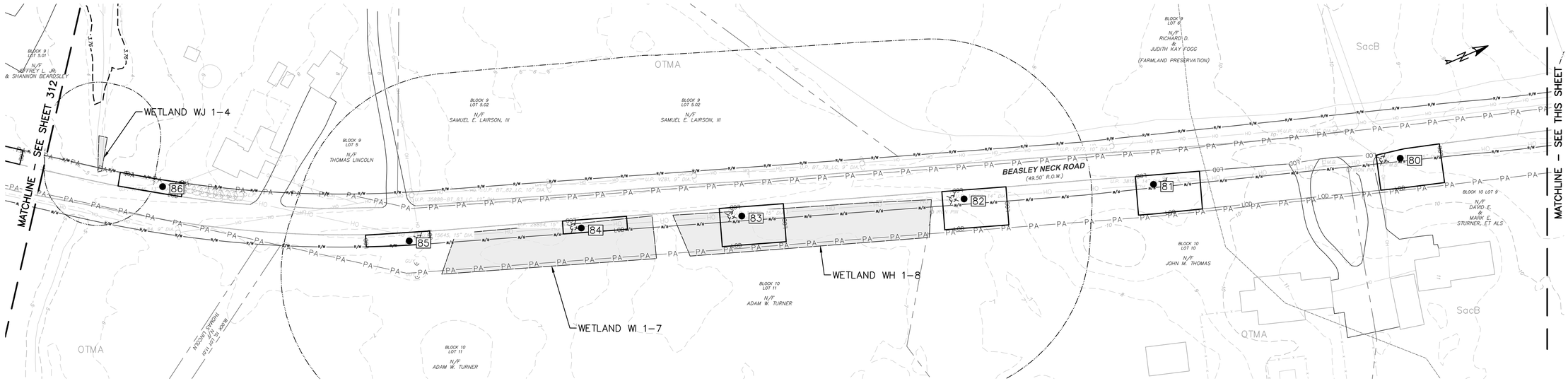
5100 HARDING HWY,
MAYS LANDING, NJ 08330

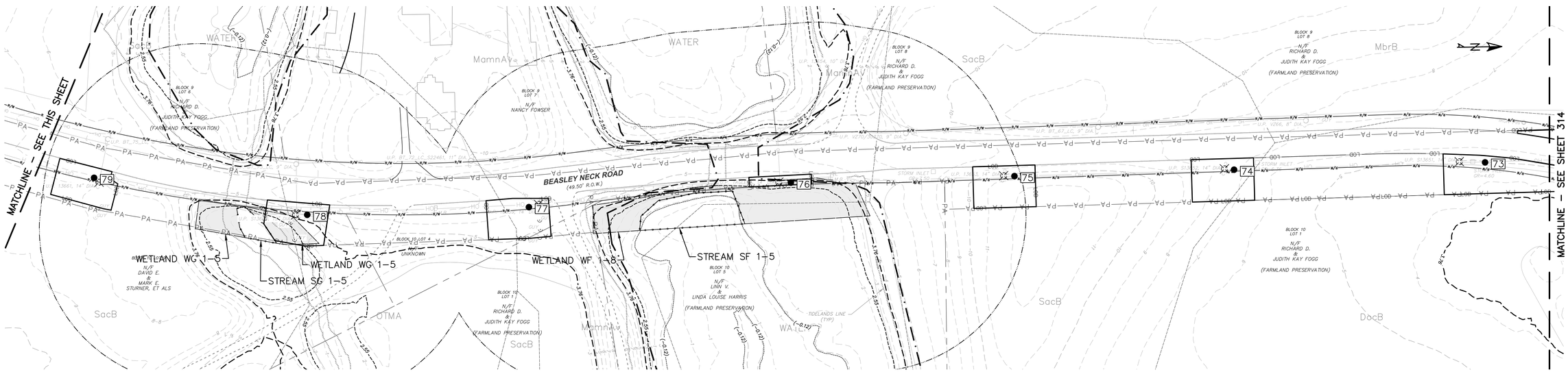
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: WFD PLAN–10
SHEET NO: 312
PAGE NO: 62 of 116





WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN–WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN–WATER	0	0	0	0
UPLAND	0	0	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PROPOSED CONSTRUCTION MATTING
- TEMPORARY IN–WATER IMPACT
- TEMPORARY UP–LAND IMPACT
- PERMANENT IN–WATER IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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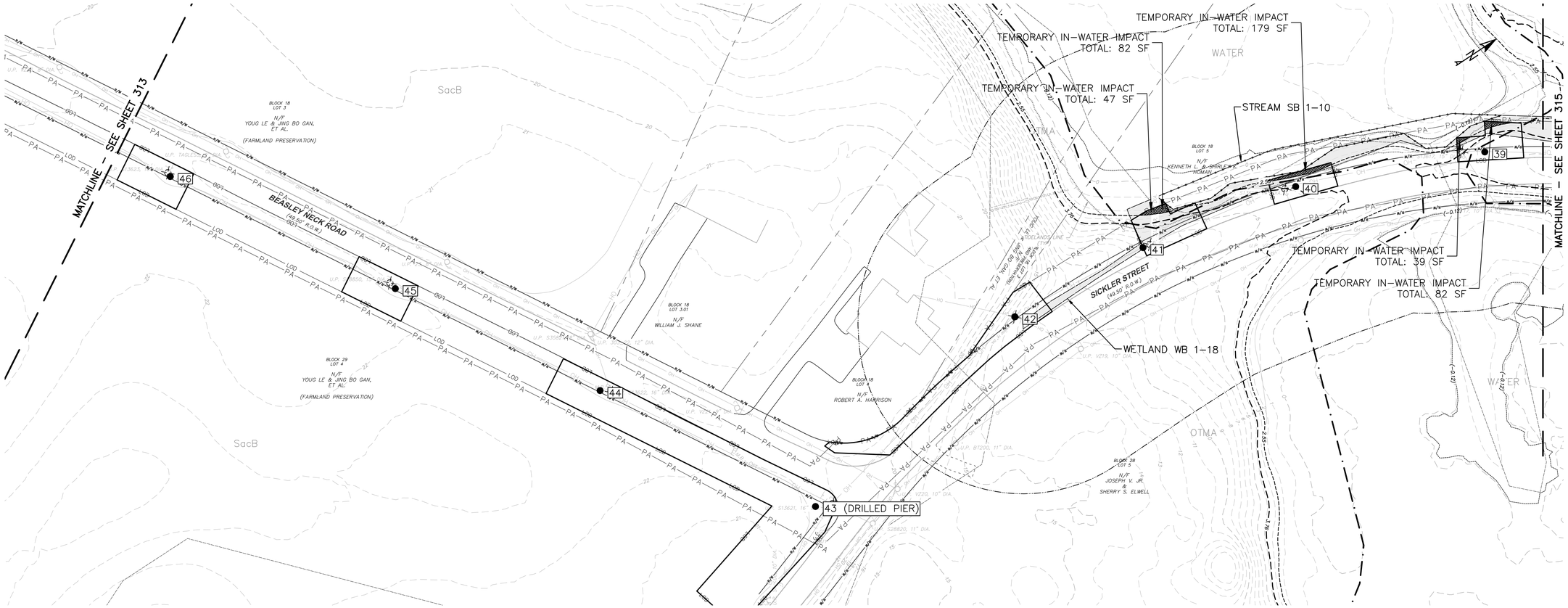
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN–11
SHEET NO: 313
PAGE NO: 63 of 116



LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
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WATERFRONT DEVELOPMENT IMPACT SUMMARY (IN-WATER ONLY)

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	429
UPLAND	0	0	0	0

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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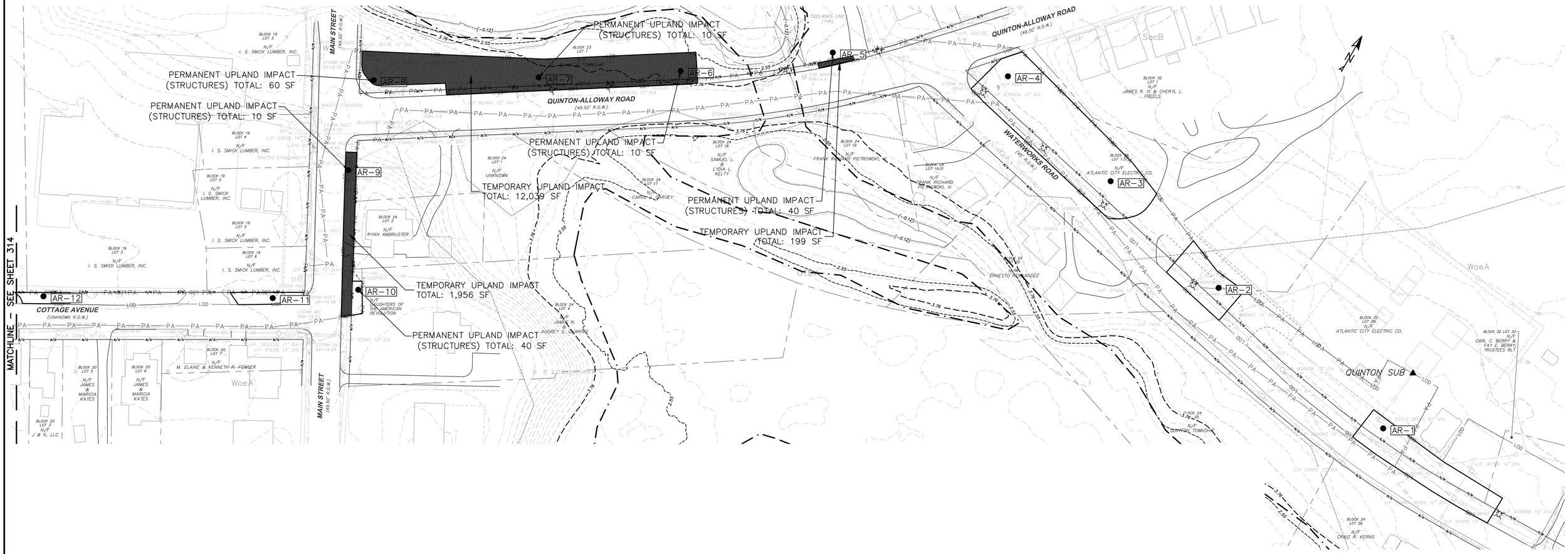
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN–12
SHEET NO: 314
PAGE NO: 64 of 116



LEGEND:

- EXISTING OVERHEAD WIRE
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- EXISTING DIRT/FIELD ROAD
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- PERMANENT IN-WATER IMPACT

WATERFRONT DEVELOPMENT IMPACT SUMMARY

	PERMANENT			TEMPORARY (SF)
	STRUCTURE (SF)	FOREST IMPACT (SF)	AERIAL CROSSING (LF)	
IN-WATER	0	0	0	0
UPLAND	170	0	0	14194

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ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

WATERFRONT DEVELOPMENT PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: WFD PLAN–13
SHEET NO: 315
PAGE NO: 65 of 116

Section 404 (above MHWL/MHT)			Section 10/404 (below MHWL/MHT)		
Permanent Impact -Foundation (SF)	Permanent Impact PFO Conversion (SF)	Temporary (SF)	Permanent Impact -Foundation (SF)	Permanent Impact PFO Conversion (SF)	Temporary (SF)
830 sq. ft. (0.0191 AC)	38,440 sq. ft. (0.8825 AC)	190,796 sq. ft. -4.3801	0	171 sq. ft. (0.0039 AC)	13,235 sq. ft. (0.3038 AC)

Plan Sheet	Section 404 Above MHWL/MHT)		Section 10/404 (Below MHWL/MHT)	
	Permanent Impact (SF)	Temporary (SF)	Permanent Impact (SF)	Temporary (SF)
403	80	16,583	0	0
404	3,530	43,461	0	512
405	2,484	26,528	81	1,392
406	12,699	22,187	43	3,177
407	10,595	23,910	0	3,028
408	4,957	21,917	0	4,685
409	2,003	10,276	0	50
410	0	0	0	0
411	0	0	0	0
412	0	0	0	0
413	473	0	0	0
414	854	4,119	0	0
415	0	2,763	0	0
416	593	16,079	0	0
417	0	649	0	0
418	468	906	0	0
419	0	0	0	0
420	38	0	0	0
421	486	1,418	47	391
422	0	0	0	0
423	0	0	0	0
424	0	0	0	0
Total (SF)	39,270	190,796	171	13,235
Total (AC)	0.9015	4.3801	0.0039	0.3038

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A PHI Company
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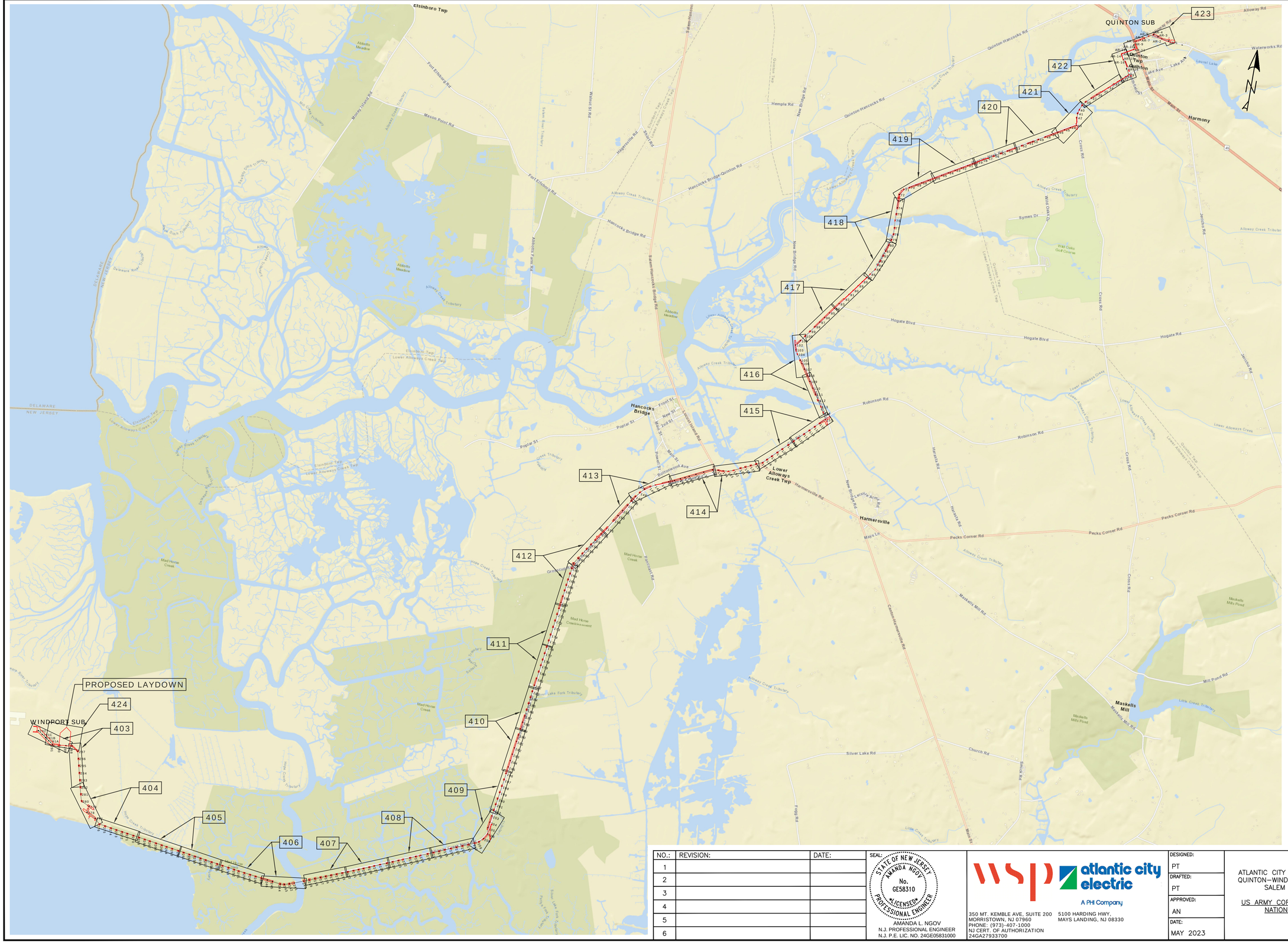
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY,
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE IMPACT PLAN NOTES
SHEET NO: 401
PAGE NO: 66 of 116



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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp

atlantic city electric
A PHI Company

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MORRISTOWN, NJ 07960
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NJ CERT. OF AUTHORIZATION
24GA27933700

5100 HARDING HWY,
MAYS LANDING, NJ 08330

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ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

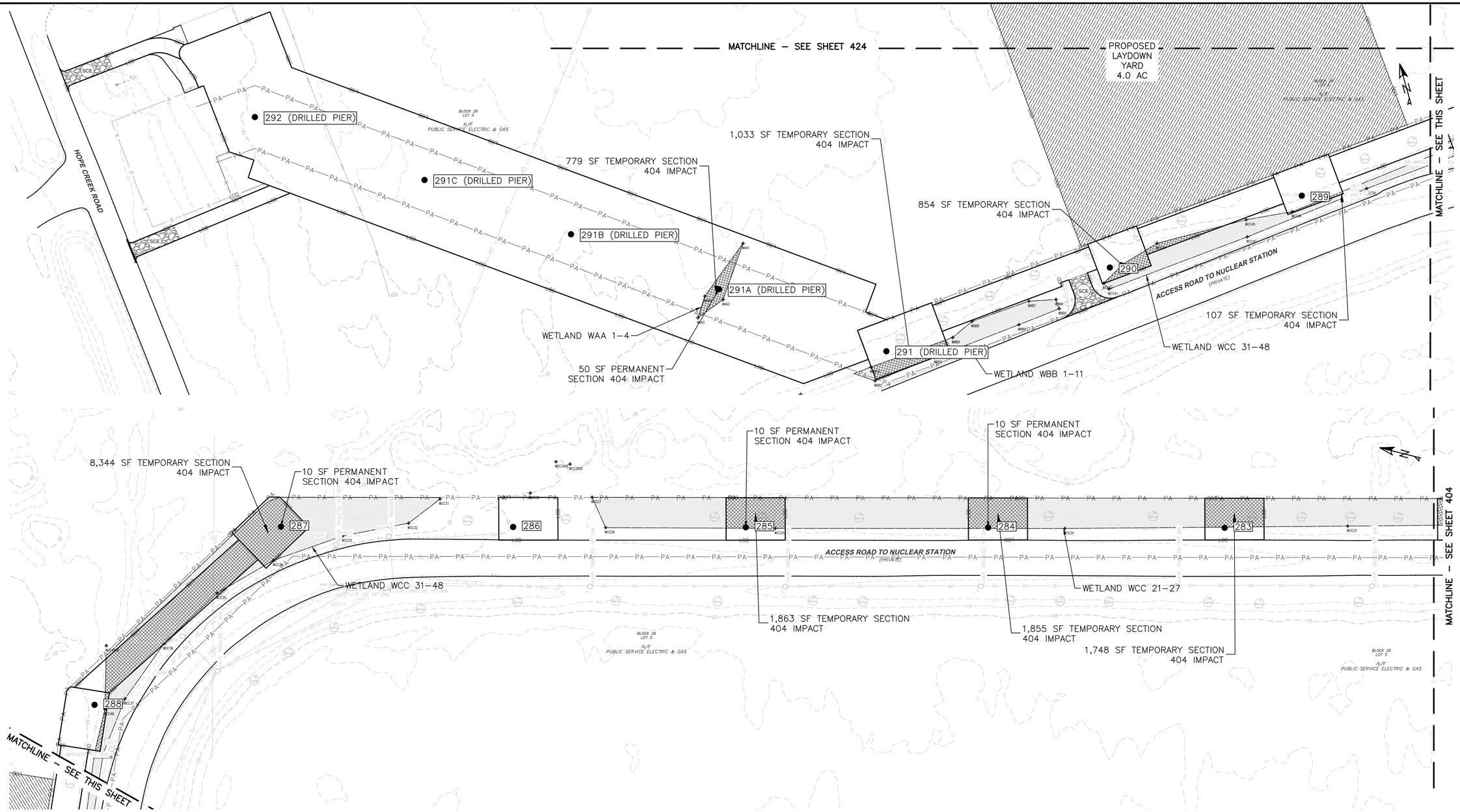
PROJECT NO: LP2042450.036A

SCALE: 0 1500 3000
1" = 1500'

SHEET NAME: USACE KEY PLAN

SHEET NO: 402

PAGE NO: 67 of 116



	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	80	16583
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
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5100 HARDING HWY.
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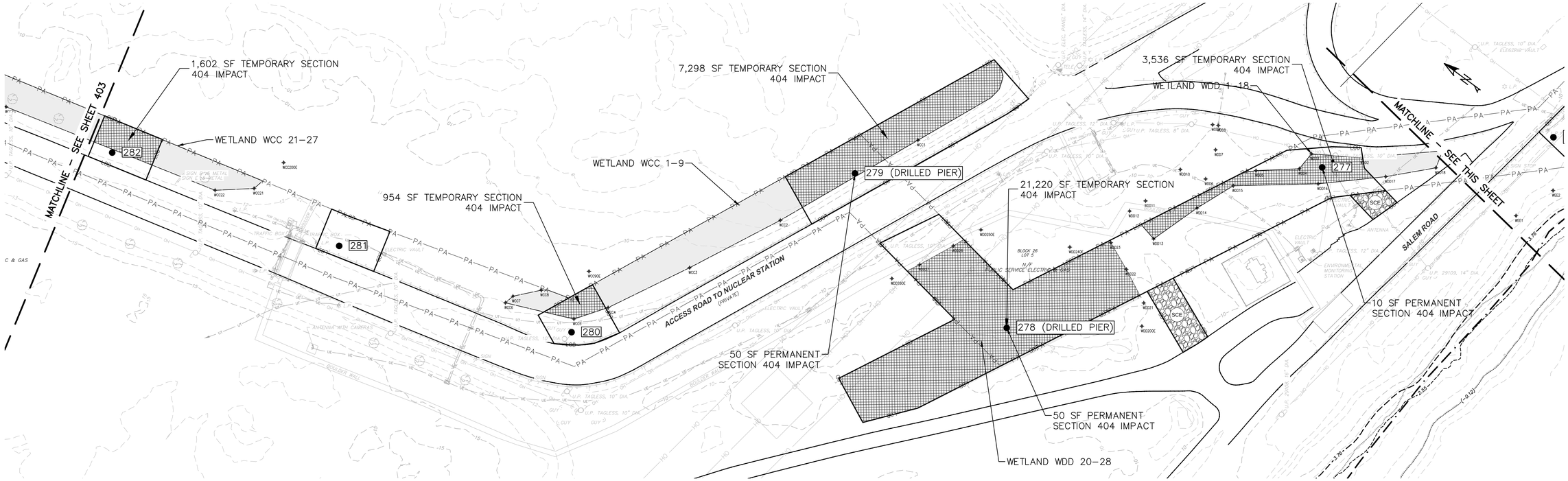
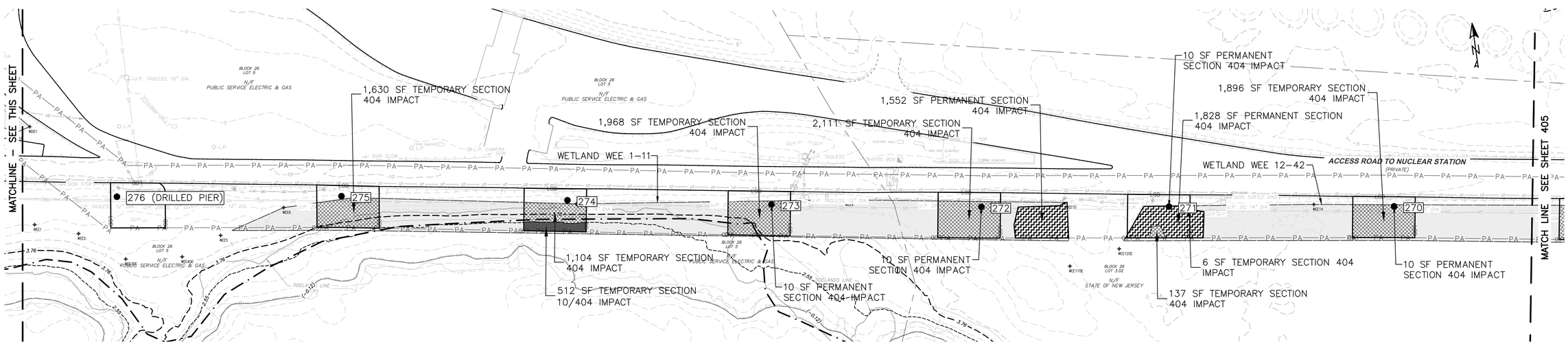
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–1
SHEET NO: 403
PAGE NO: 68 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	3530	43461
SECTION 10/404	0	512

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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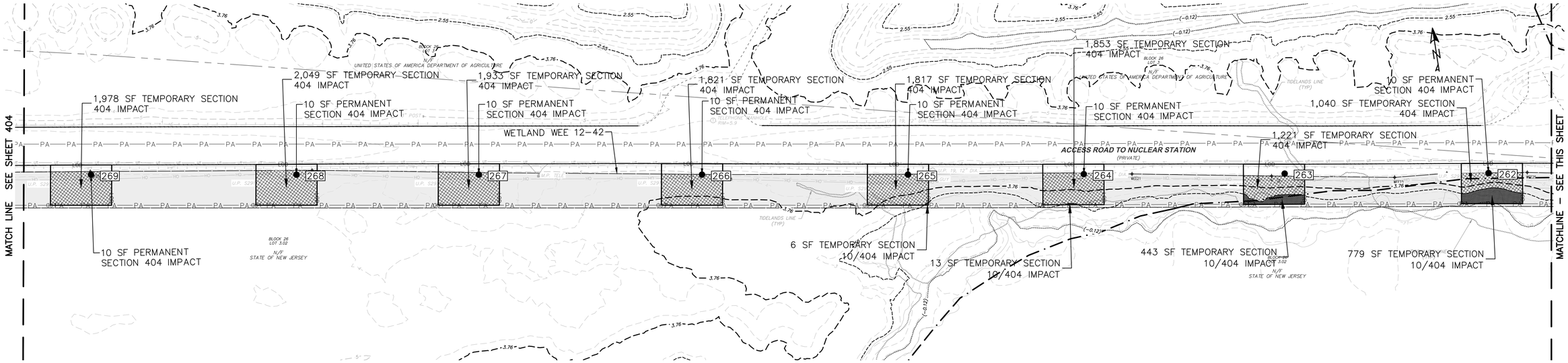
5100 HARDING HWY.
MAYS LANDING, NJ 08330

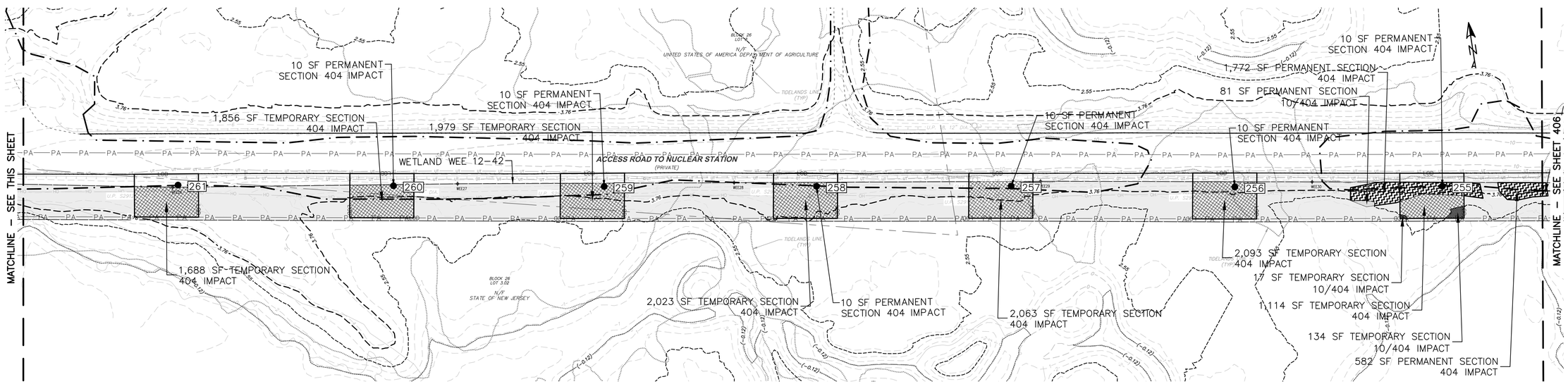
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–2
SHEET NO: 404
PAGE NO: 69 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	2484	26528
SECTION 10/404	81	1392

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
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- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

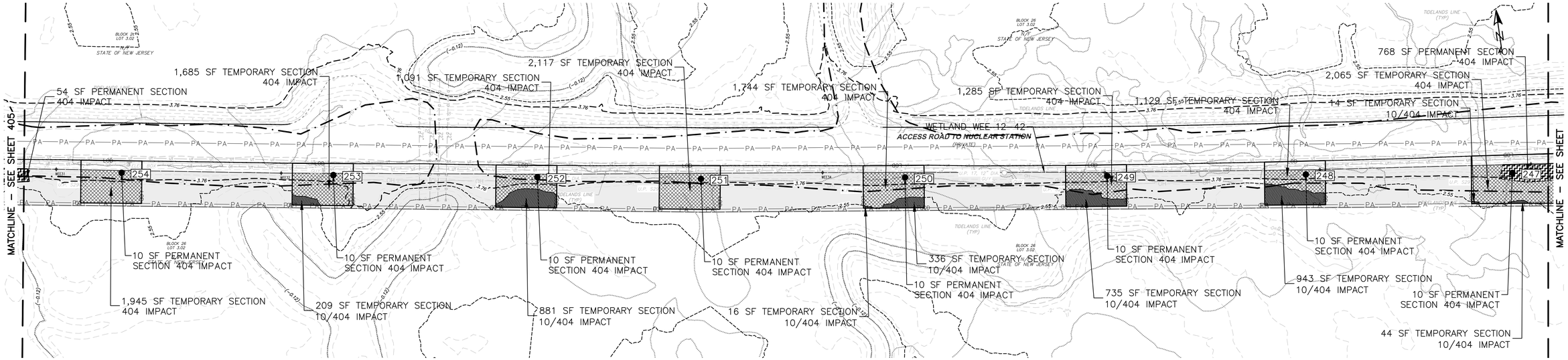
atlantic city electric
A PHI Company
5100 HARDING HWY.
MAYS LANDING, NJ 08330

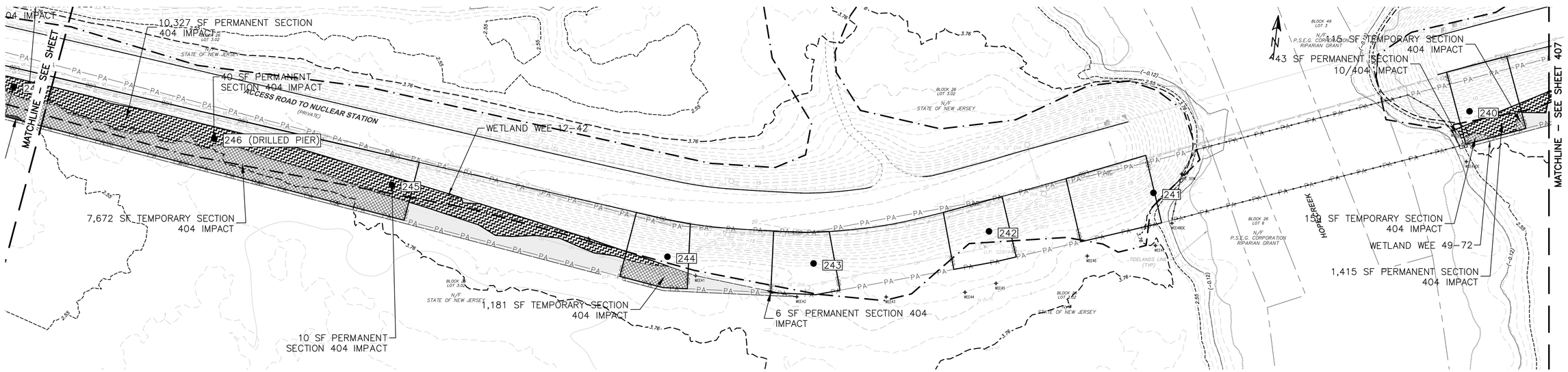
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–3
SHEET NO: 405
PAGE NO: 70 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	12699	22187
SECTION 10/404	43	3177

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

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MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

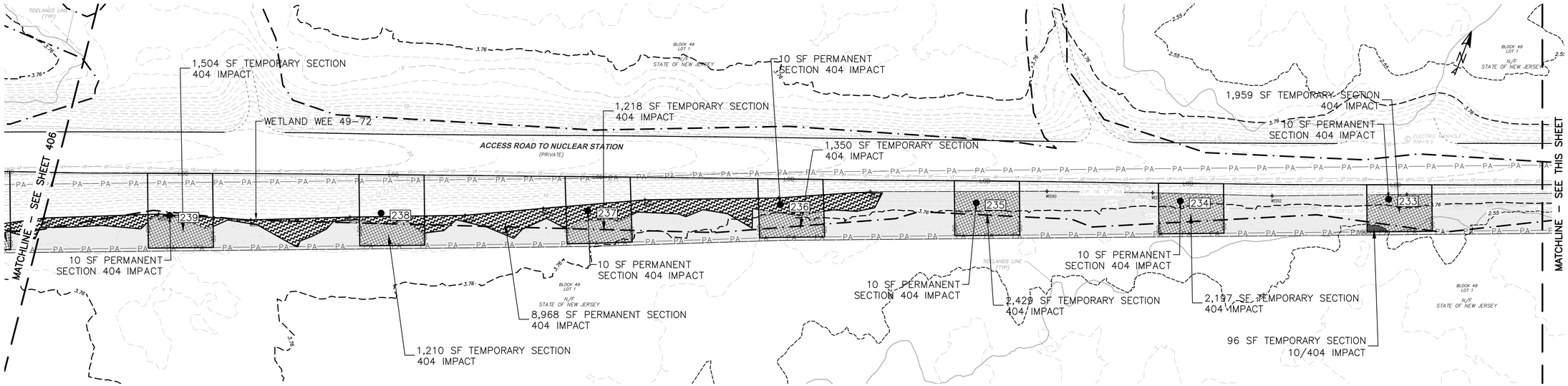
5100 HARDING HWY.
MAYS LANDING, NJ 08330

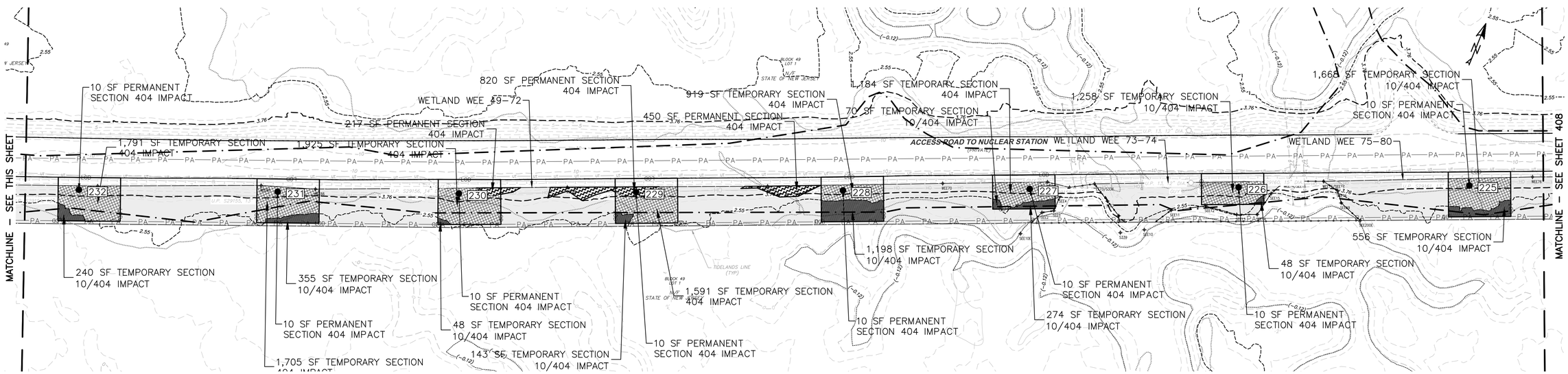
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–4
SHEET NO: 406
PAGE NO: 71 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	10595	23910
SECTION 10/404	0	3028

LEGEND:

- OH — EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- 92 — EXISTING CONTOUR LINE
- RW — EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- ESMT — EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PA — PROJECT AREA
- OHWCL — OVERHEAD WIRE CENTER LINE
- 50 — PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- CFS — PROPOSED COMPOST FILTER SOCK
- LOD — PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- (-0.12) — HIGH TIDE CONTOUR
- 2.55 — MEAN HIGH WATER LINE
- 3.76 — MEAN HIGHER HIGH WATER LINE
- ## — PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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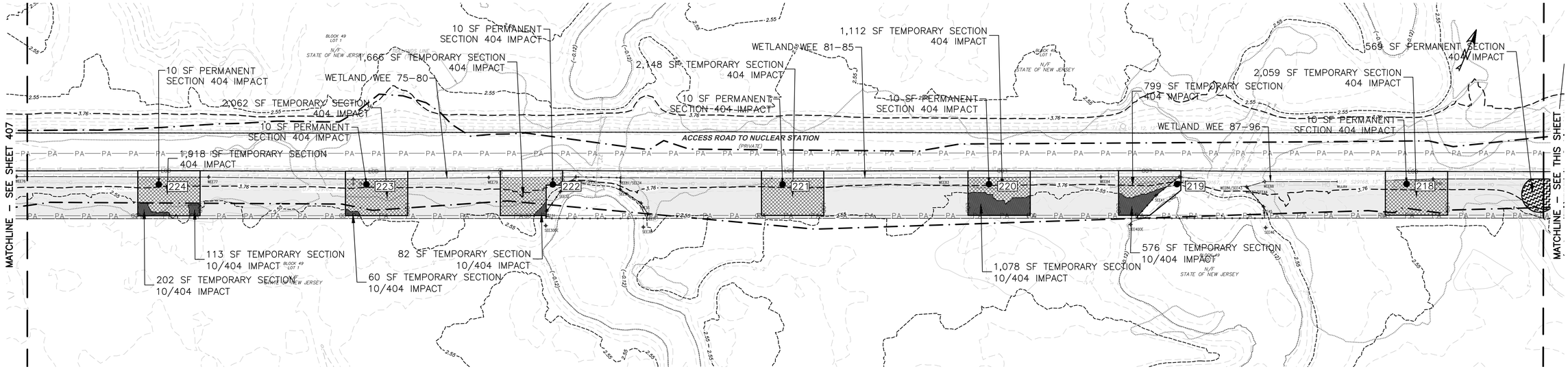
atlantic city electric
A PHI Company
5100 HARDING HWY.
MAYS LANDING, NJ 08330

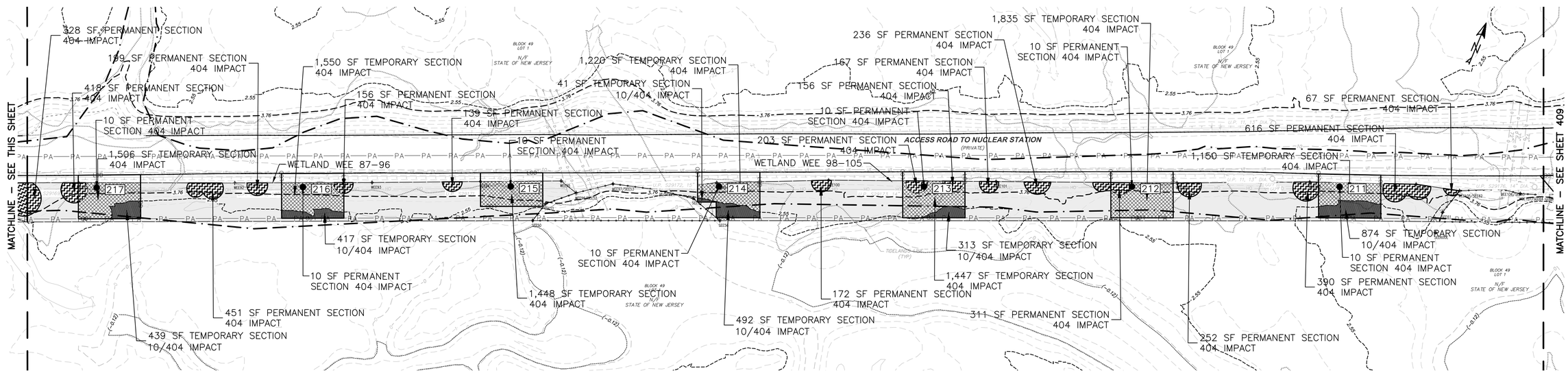
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–5
SHEET NO: 407
PAGE NO: 72 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	4957	21917
SECTION 10/404	0	4685

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
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- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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N.J. P.E. LIC. NO. 24GE05831000

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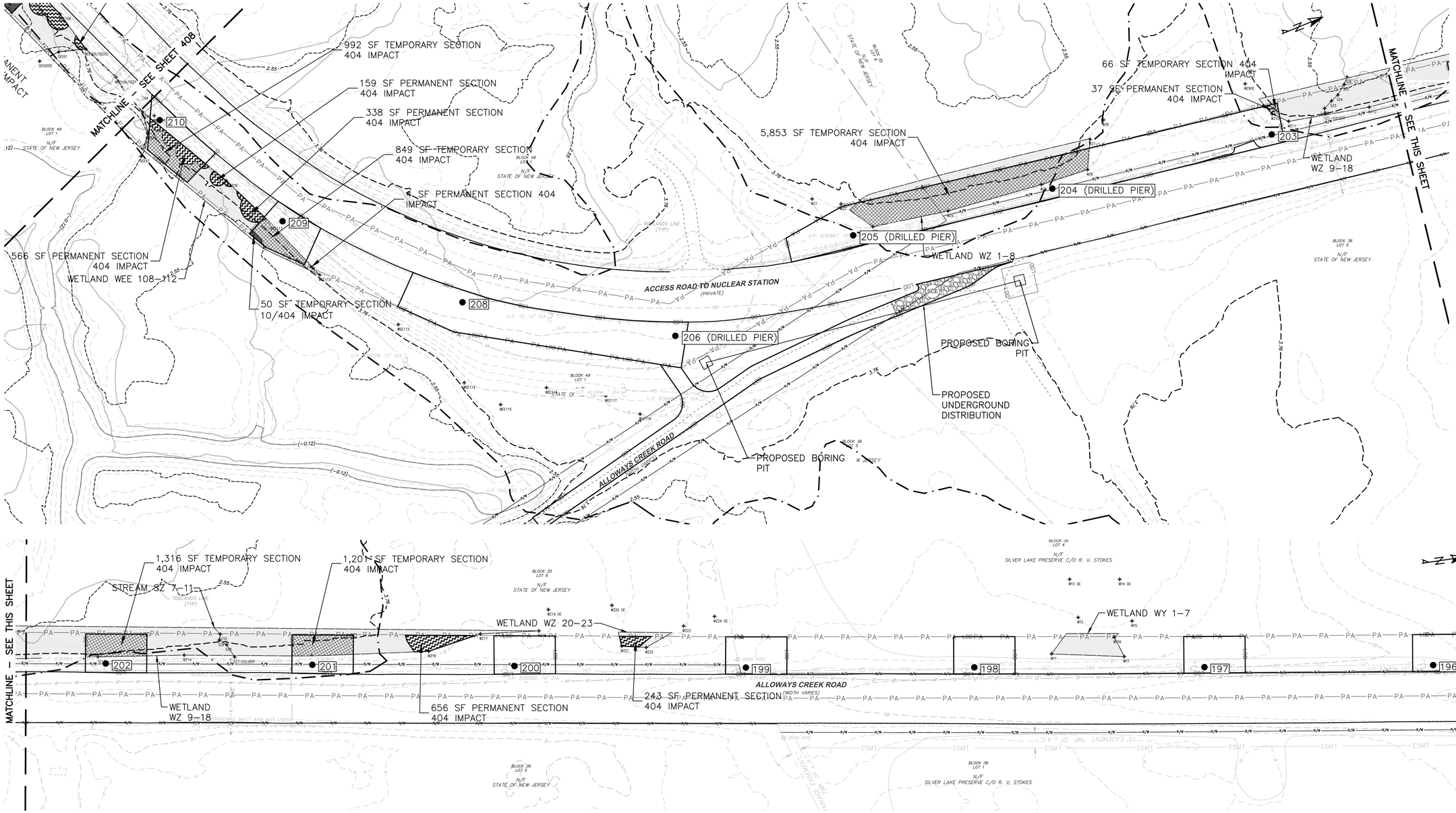
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–6
SHEET NO: 408
PAGE NO: 73 of 116



	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	2003	10276
SECTION 10/404	0	50

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
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- EXISTING STRUCTURE TO BE REMOVED
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- OVERHEAD WIRE CENTER LINE
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- PROPOSED COMPOST FILTER SOCK
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- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
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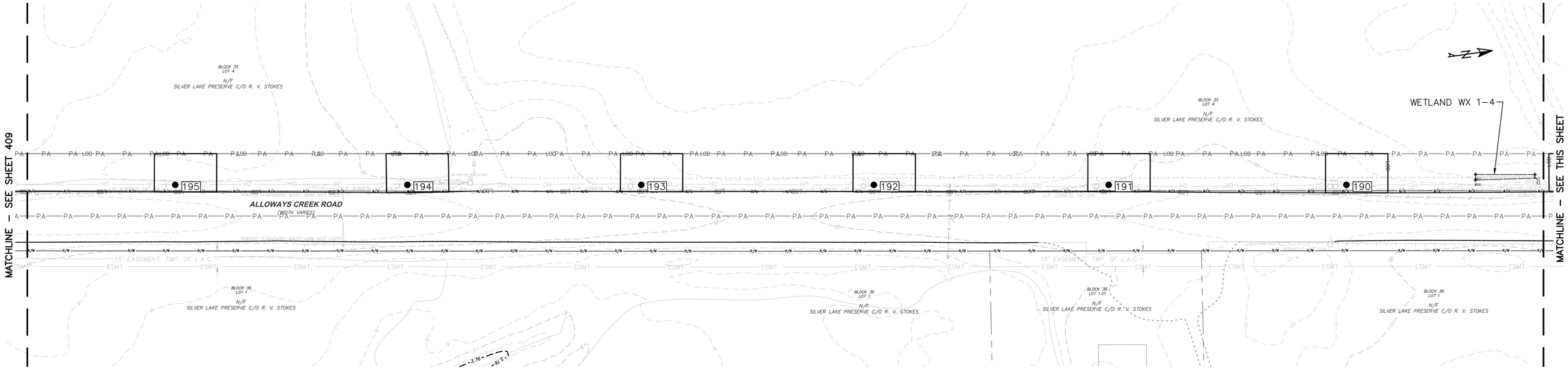
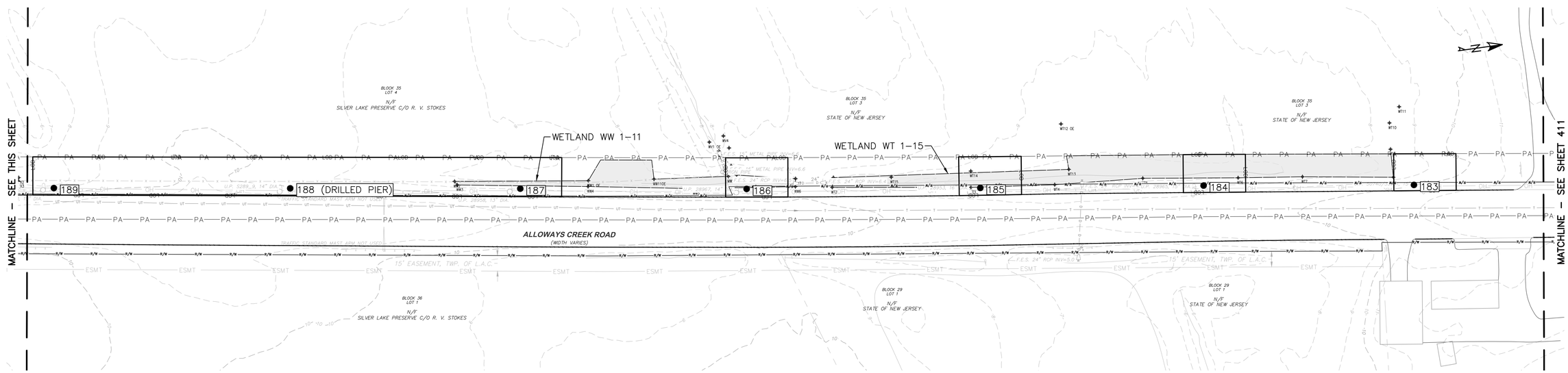
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–7
SHEET NO: 409
PAGE NO: 74 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	0	0
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- EXISTING STRUCTURE TO BE REMOVED
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- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

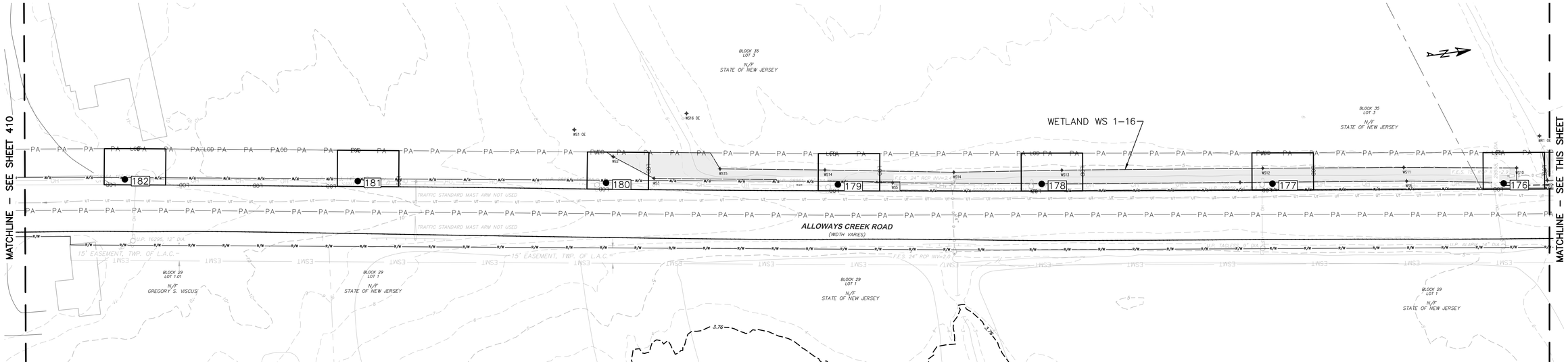
5100 HARDING HWY,
MAYS LANDING, NJ 08330

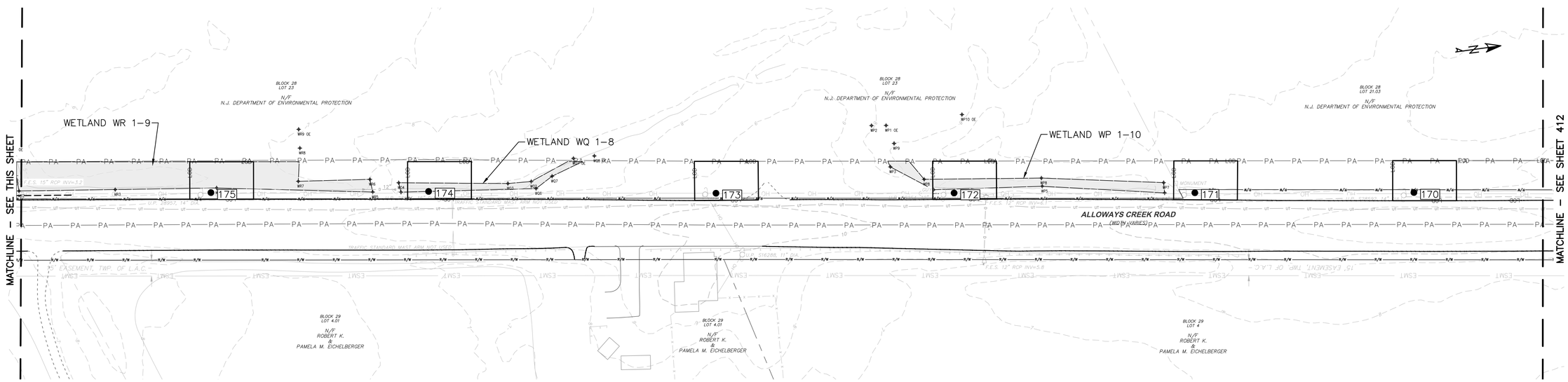
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–8
SHEET NO: 410
PAGE NO: 75 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	0	0
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- PROMULGATED COSTAL WETLAND LINE
- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
- MEAN HIGHER HIGH WATER LINE
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

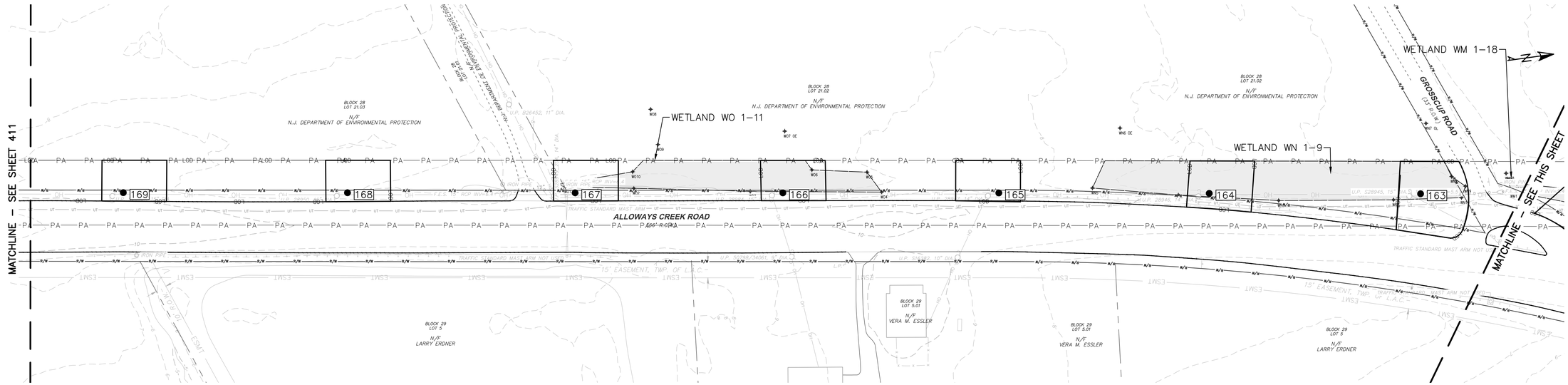
5100 HARDING HWY.
MAYS LANDING, NJ 08330

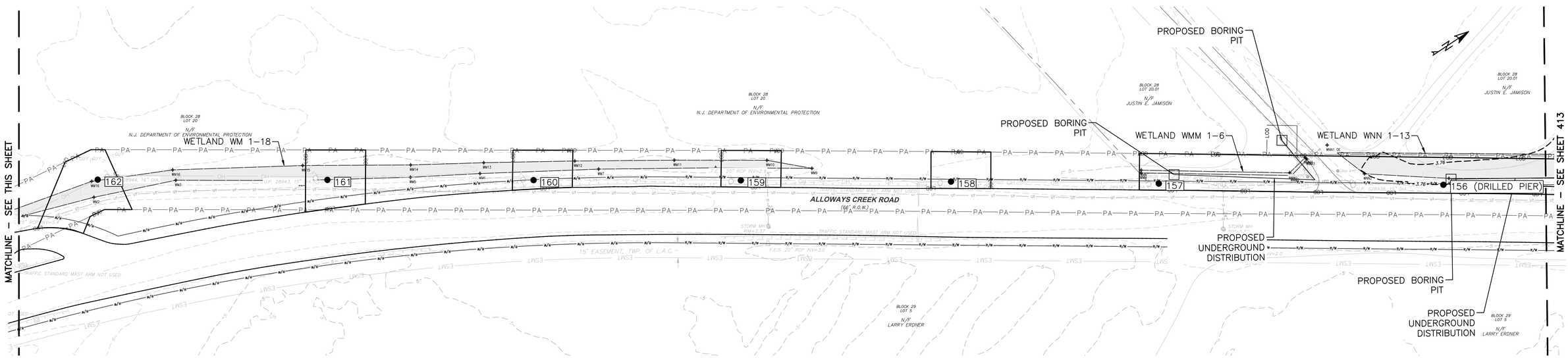
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–9
SHEET NO: 411
PAGE NO: 76 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	0	0
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/ BUILDINGS
- EXISTING STRUCTURE TO BE REMOVED
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- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp
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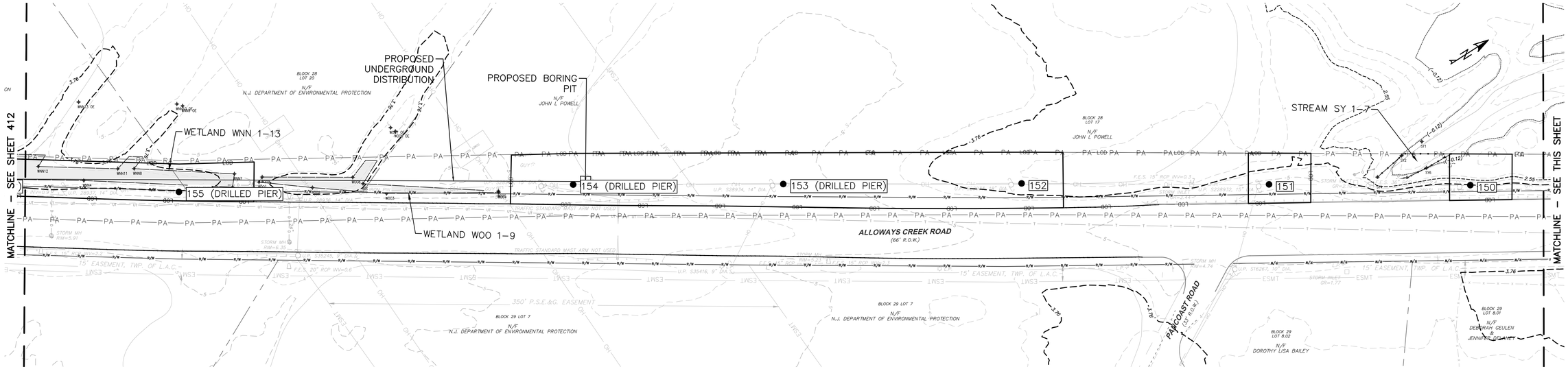
350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY,
MAYS LANDING, NJ 08330

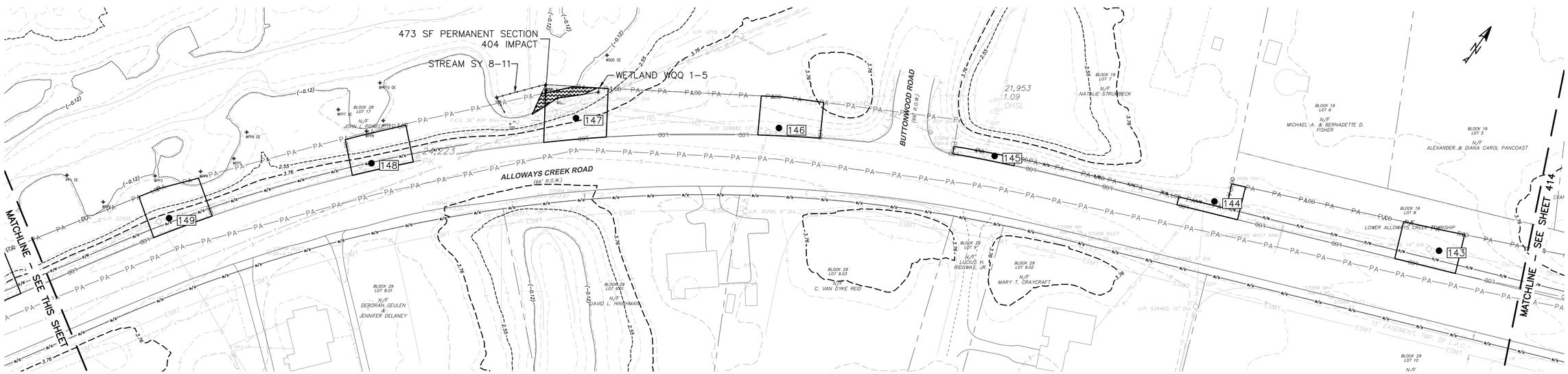
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–10
SHEET NO: 412
PAGE NO: 77 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	473	0
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
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- EXISTING CONTOUR LINE
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- EXISTING EASEMENT
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- EXISTING STRUCTURE TO BE REMOVED
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- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

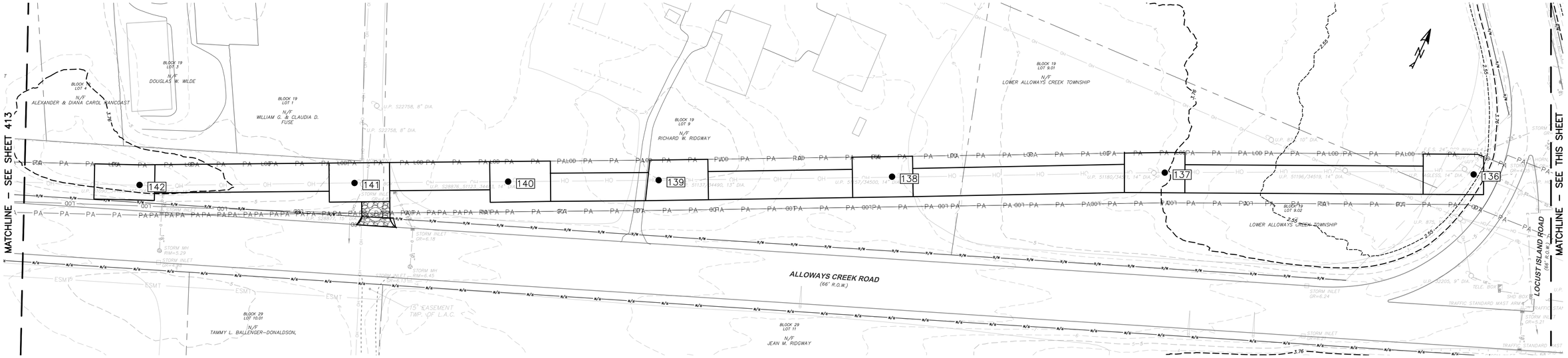
atlantic city electric
A PHI Company
5100 HARDING HWY,
MAYS LANDING, NJ 08330

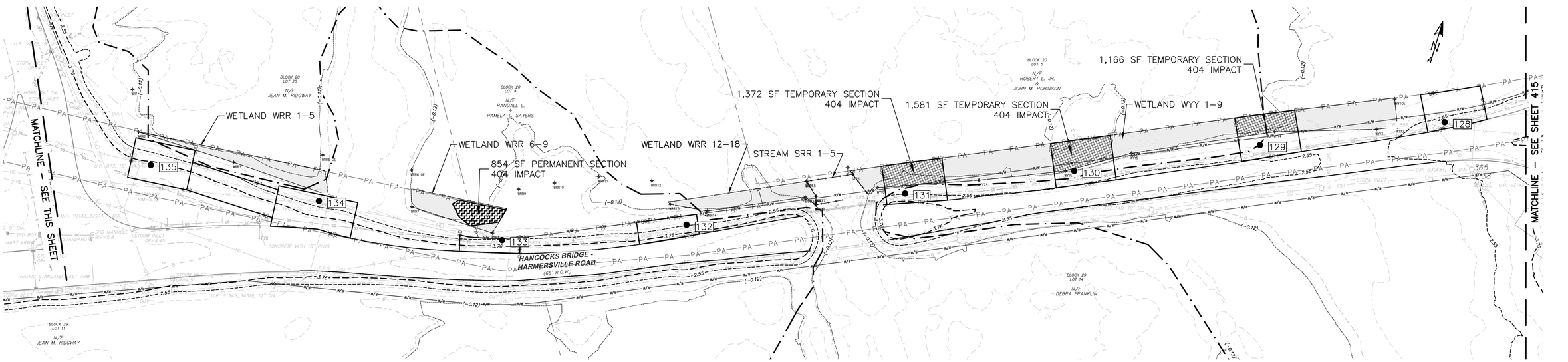
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–11
SHEET NO: 413
PAGE NO: 78 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	854	4119
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

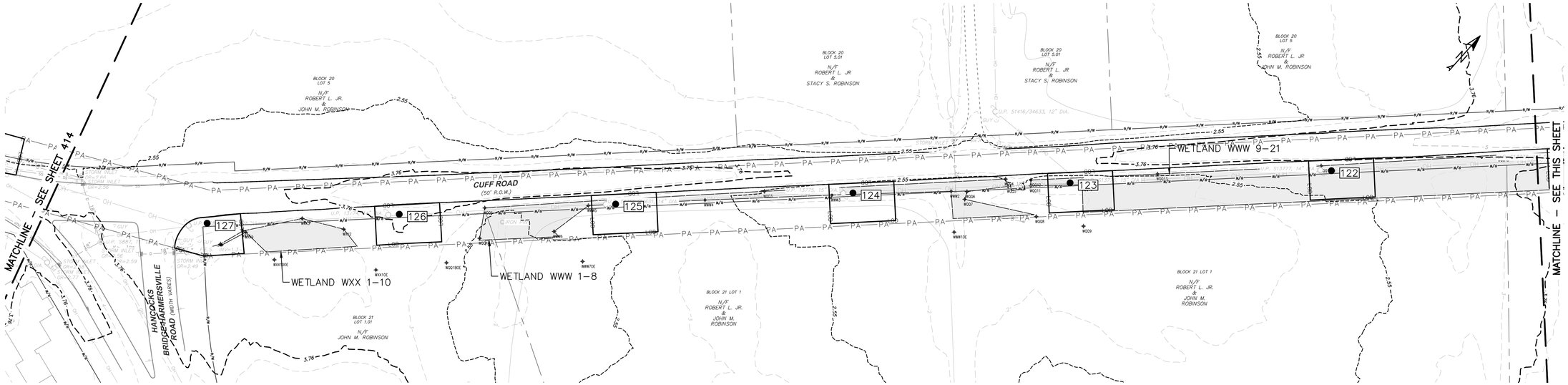
wsp
atlantic city electric
A PHI Company
350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY.
MAYS LANDING, NJ 08330

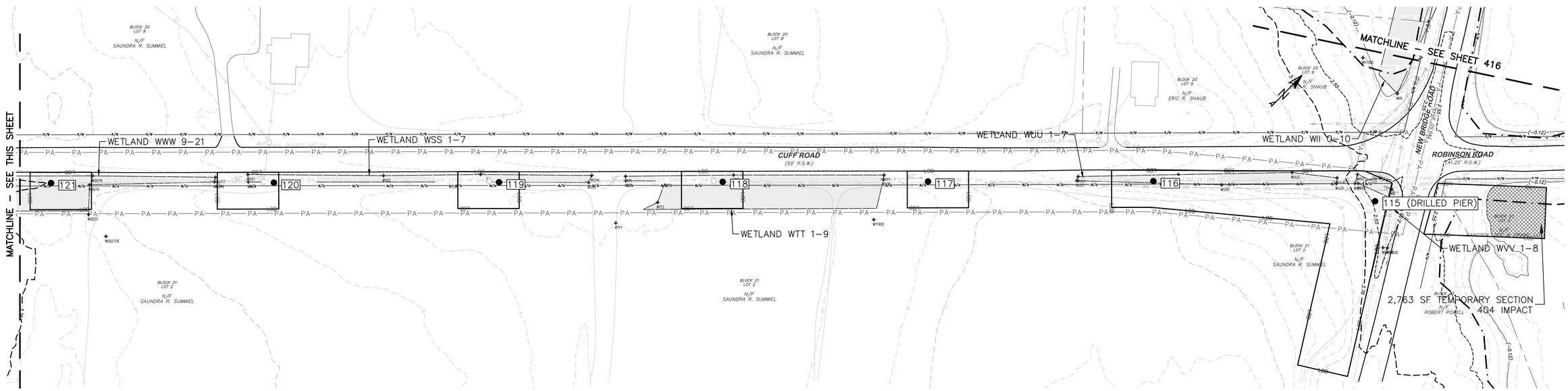
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–12
SHEET NO: 414
PAGE NO: 79 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	0	2763
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp
350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700

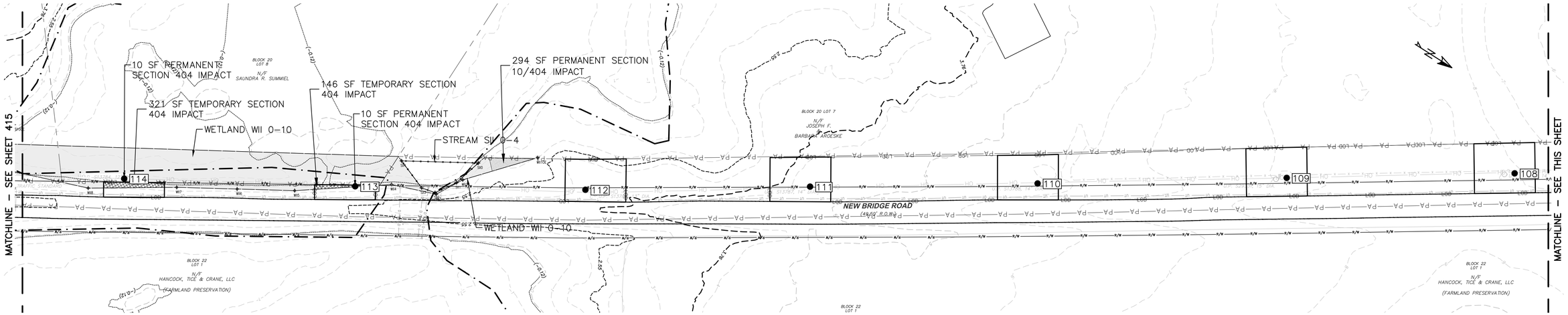
atlantic city electric
A PHI Company
5100 HARDING HWY,
MAYS LANDING, NJ 08330

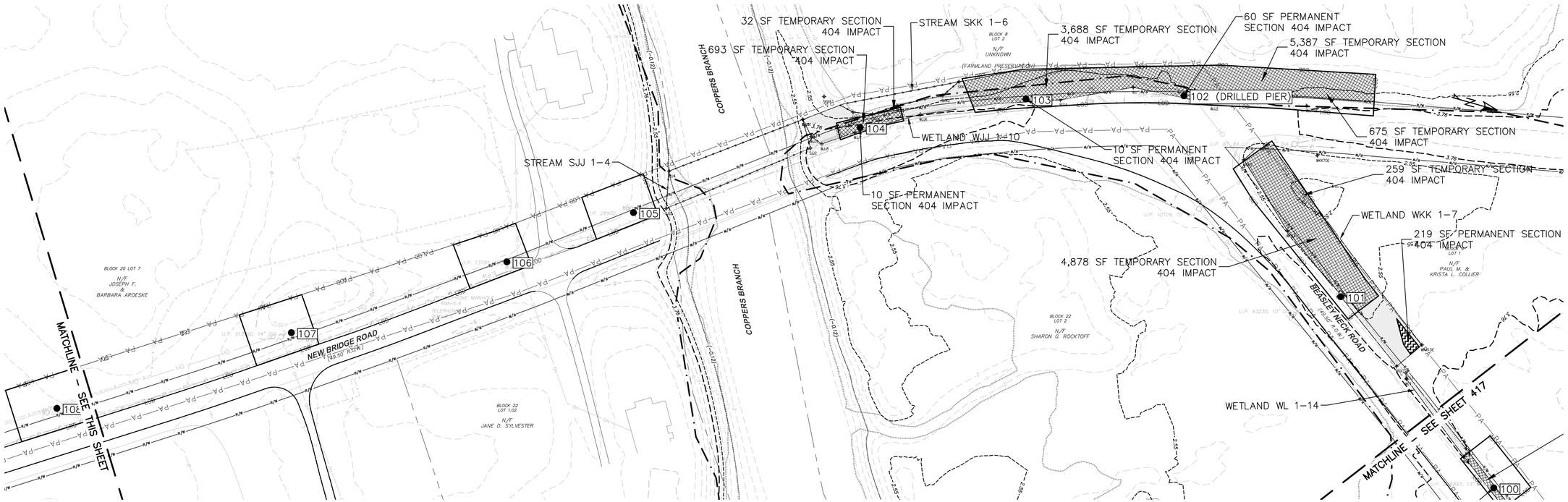
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–13
SHEET NO: 415
PAGE NO: 80 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	319	16079
SECTION 10/404	294	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp
atlantic city electric
A PHI Company

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

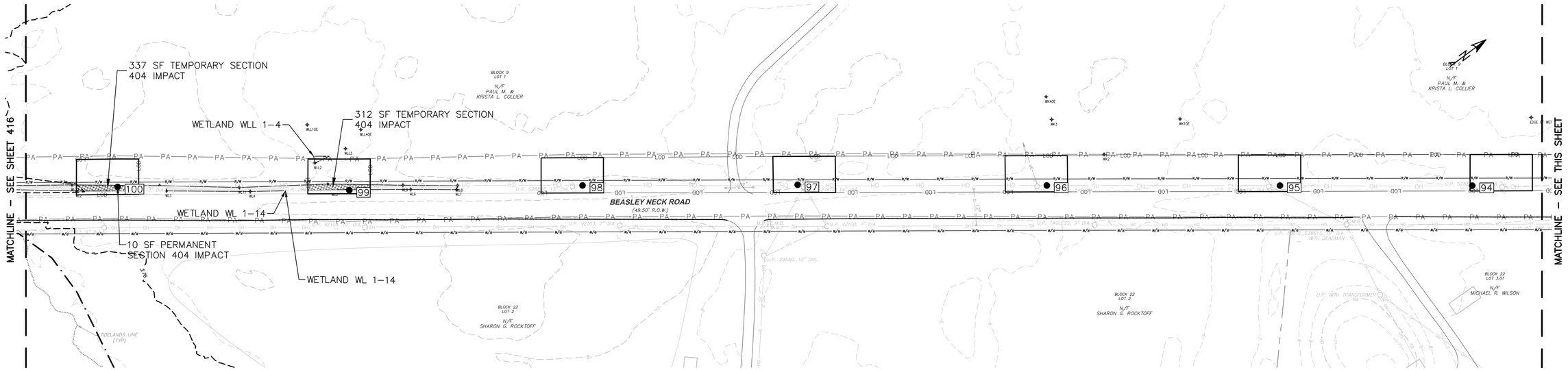
5100 HARDING HWY,
MAYS LANDING, NJ 08330

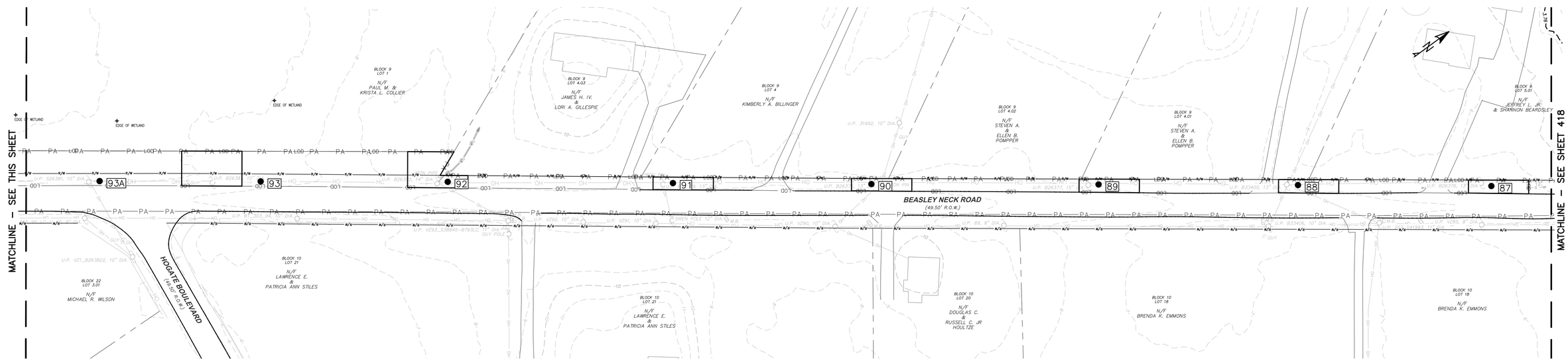
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–14
SHEET NO: 416
PAGE NO: 81 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	10	649
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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- PERMANENT SECTION 404 IMPACT
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

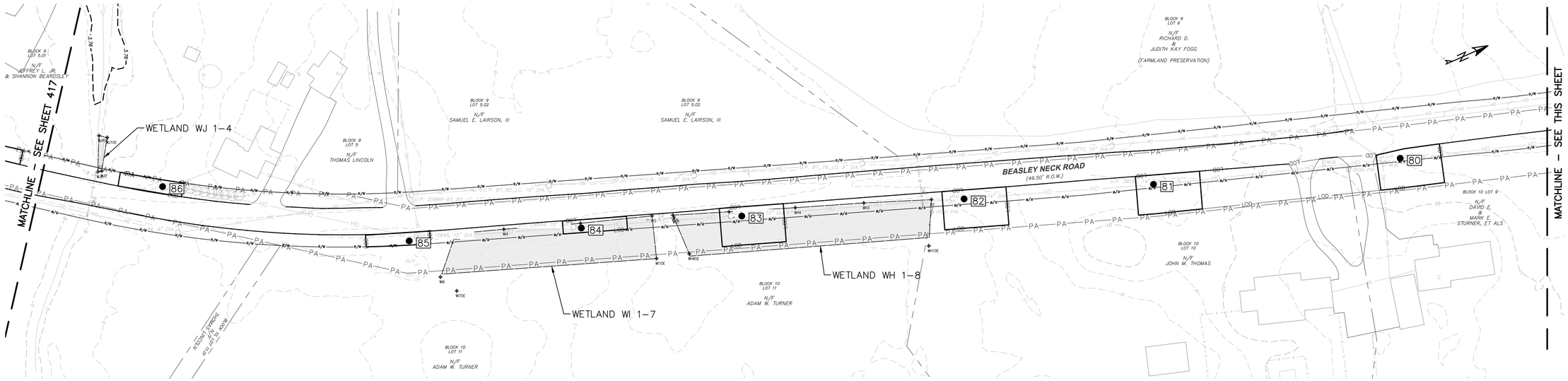
5100 HARDING HWY,
MAYS LANDING, NJ 08330

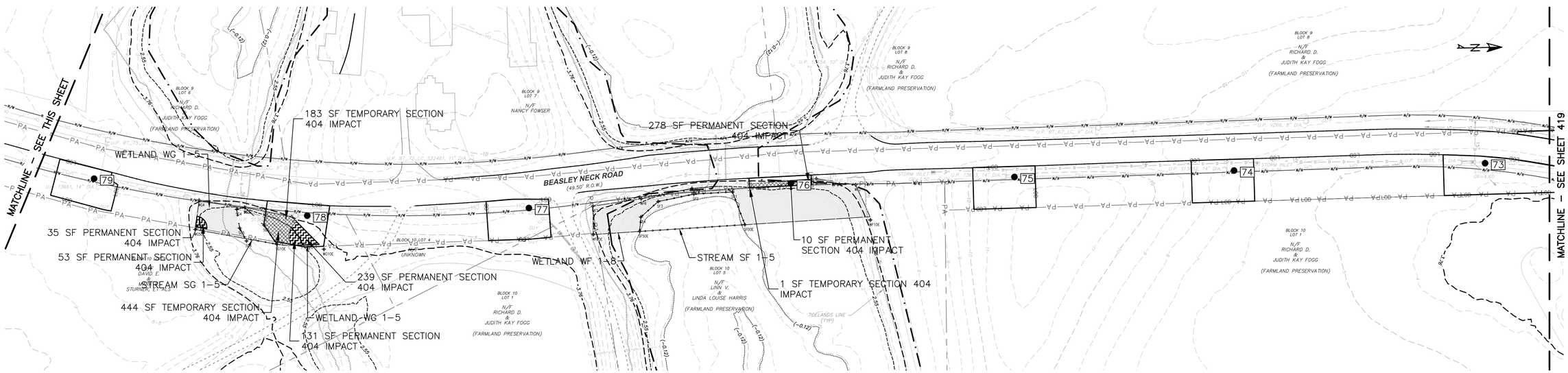
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–15
SHEET NO: 417
PAGE NO: 82 of 116





	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
SECTION 404	468	906
SECTION 10/404	0	0

LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
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- PERMANENT SECTION 404 IMPACT
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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

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N.J. P.E. LIC. NO. 24GE05831000

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NJ CERT. OF AUTHORIZATION 24GA27933700

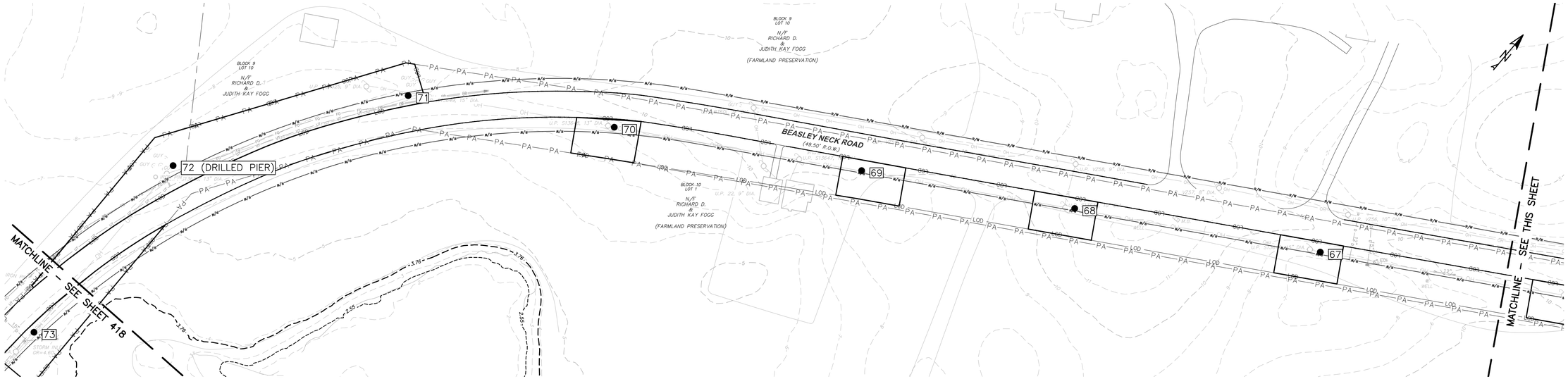
5100 HARDING HWY.
MAYS LANDING, NJ 08330

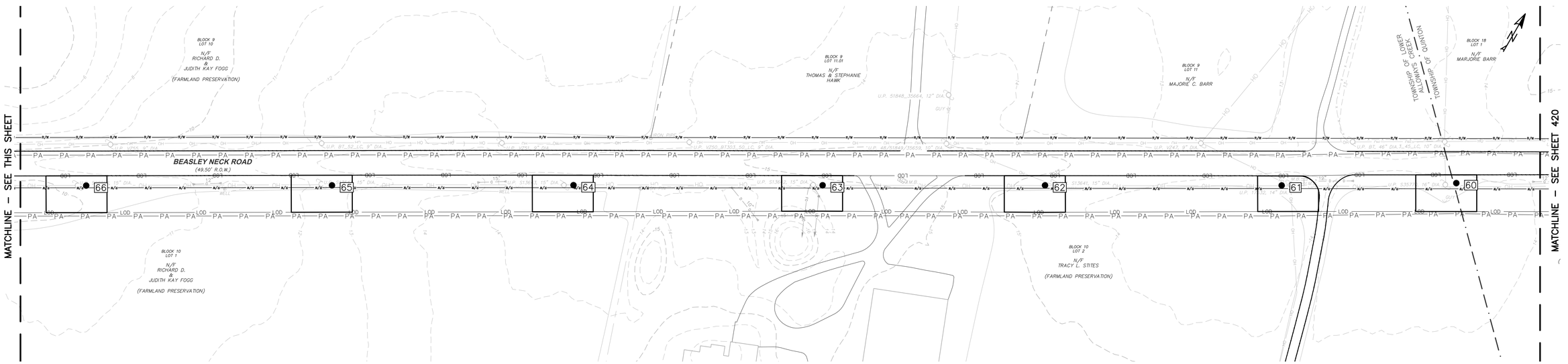
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–16
SHEET NO: 418
PAGE NO: 83 of 116





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- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
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- HIGH TIDE CONTOUR
- MEAN HIGH WATER LINE
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- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- PROPOSED CONSTRUCTION MATTING
- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

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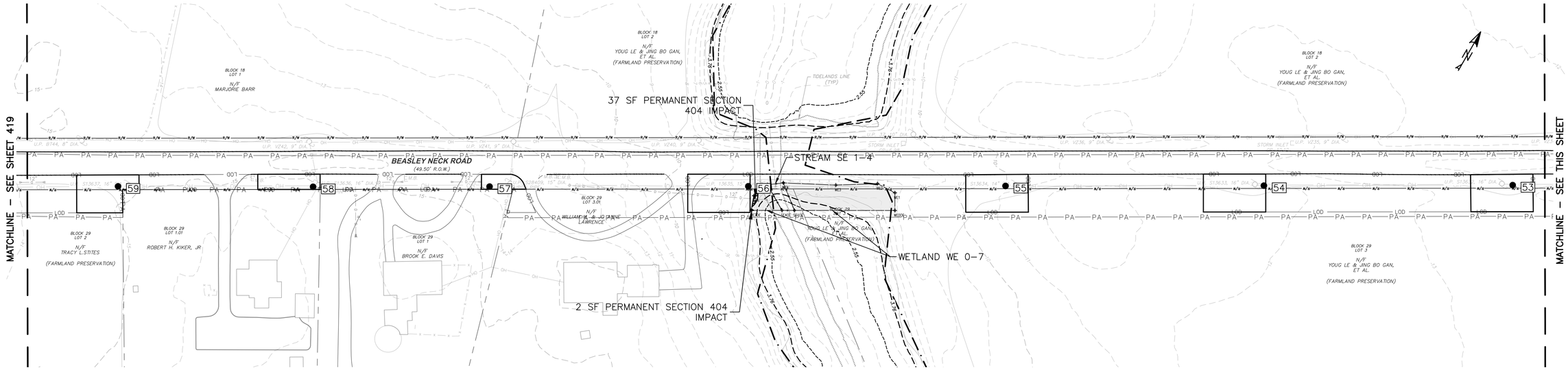
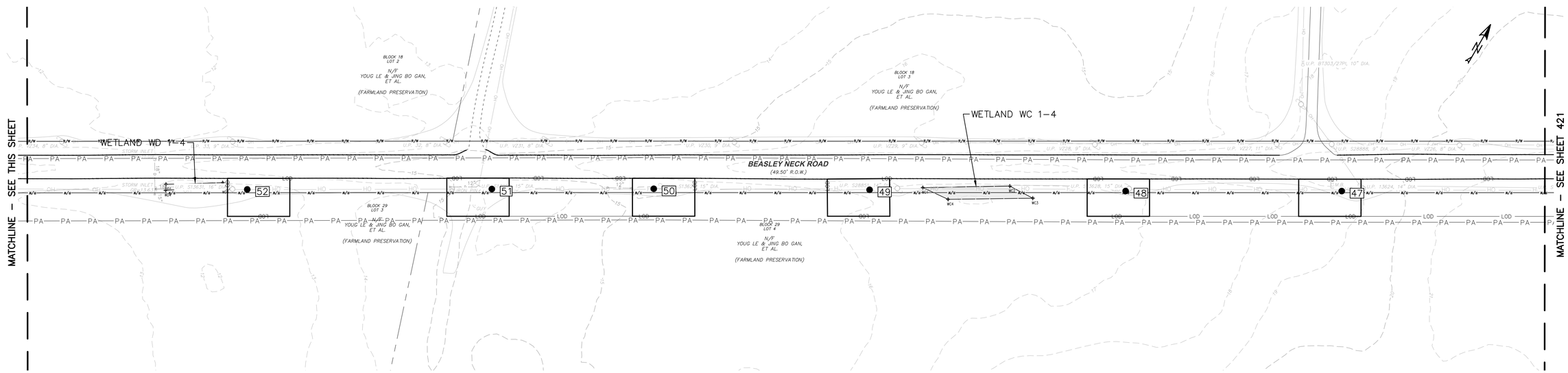
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–17
SHEET NO: 419
PAGE NO: 84 of 116





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- TEMPORARY SECTION 404 IMPACT
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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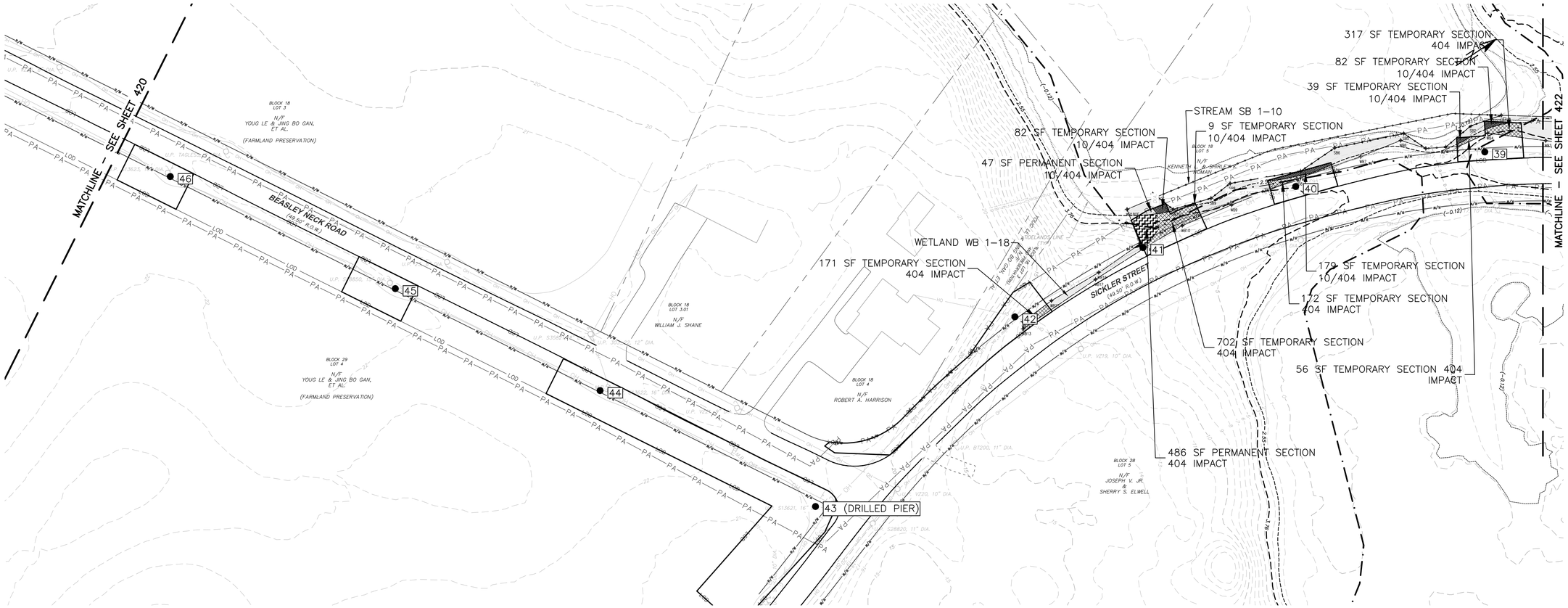
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–18
SHEET NO: 420
PAGE NO: 85 of 116



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AMANDA L. NGOV
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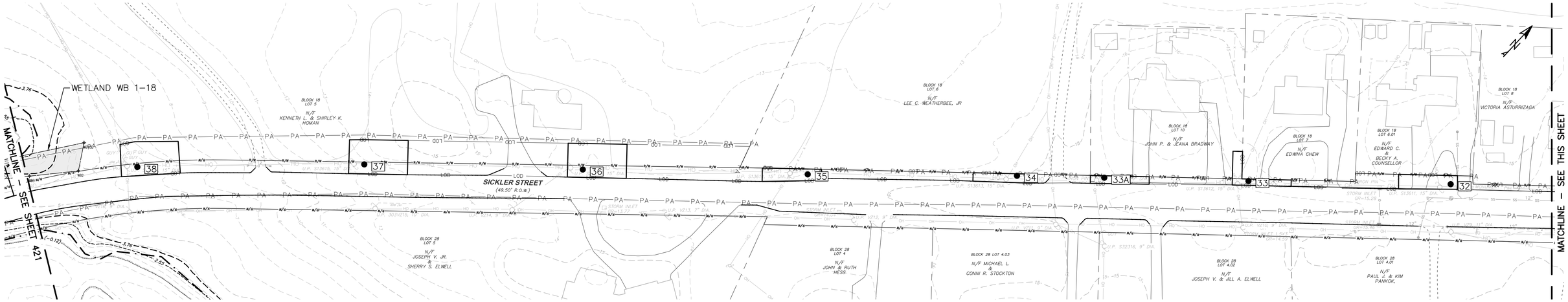
MAYS LANDING, NJ 08330

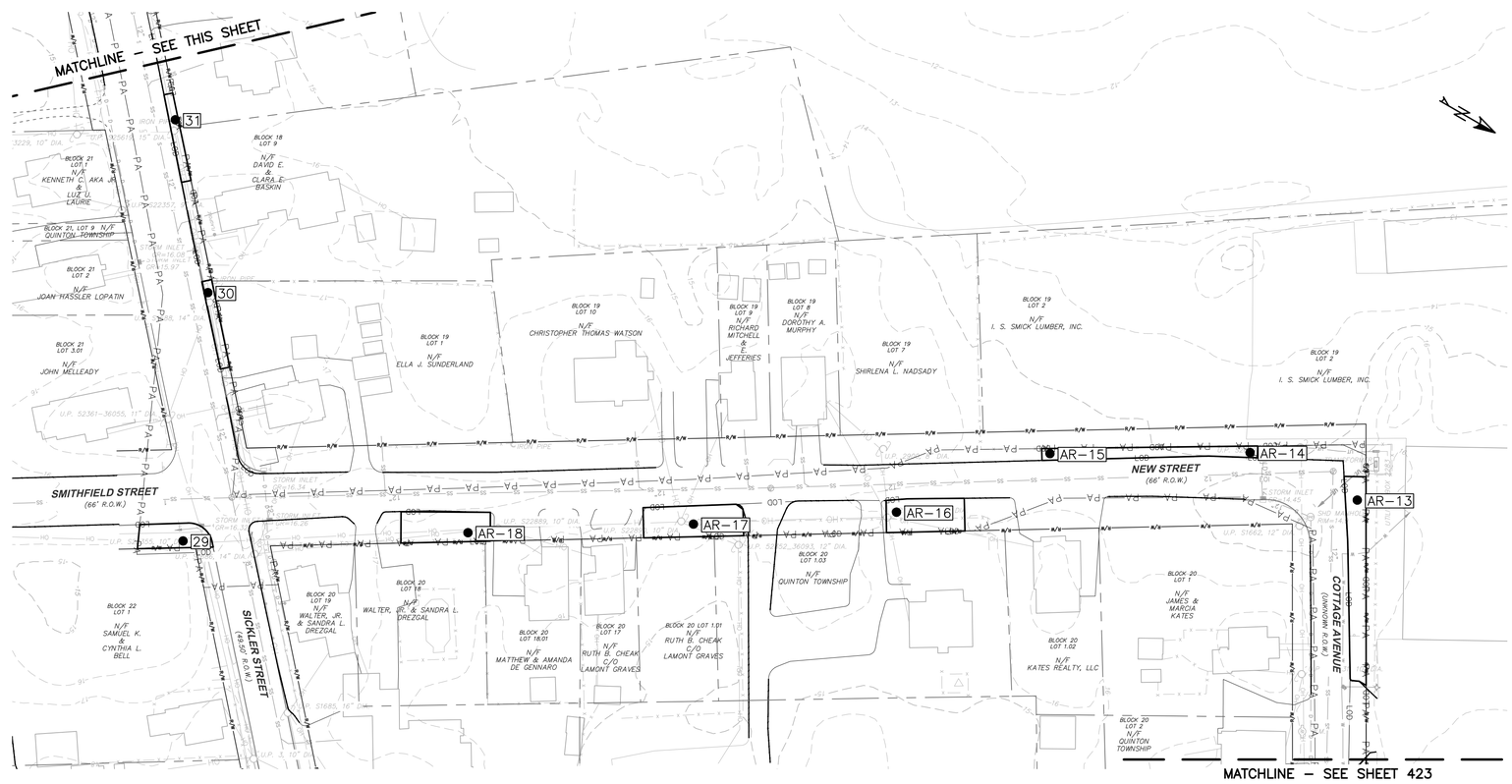
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–19
SHEET NO: 421
PAGE NO: 86 of 116





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SECTION 404	0	0
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LEGEND:

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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON-WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN-20
SHEET NO: 422
PAGE NO: 87 of 116

	PERMANENT IMPACT [SF]	TEMPORARY IMPACT [SF]
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SECTION 10/404	0	0

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AMANDA L. NGOV
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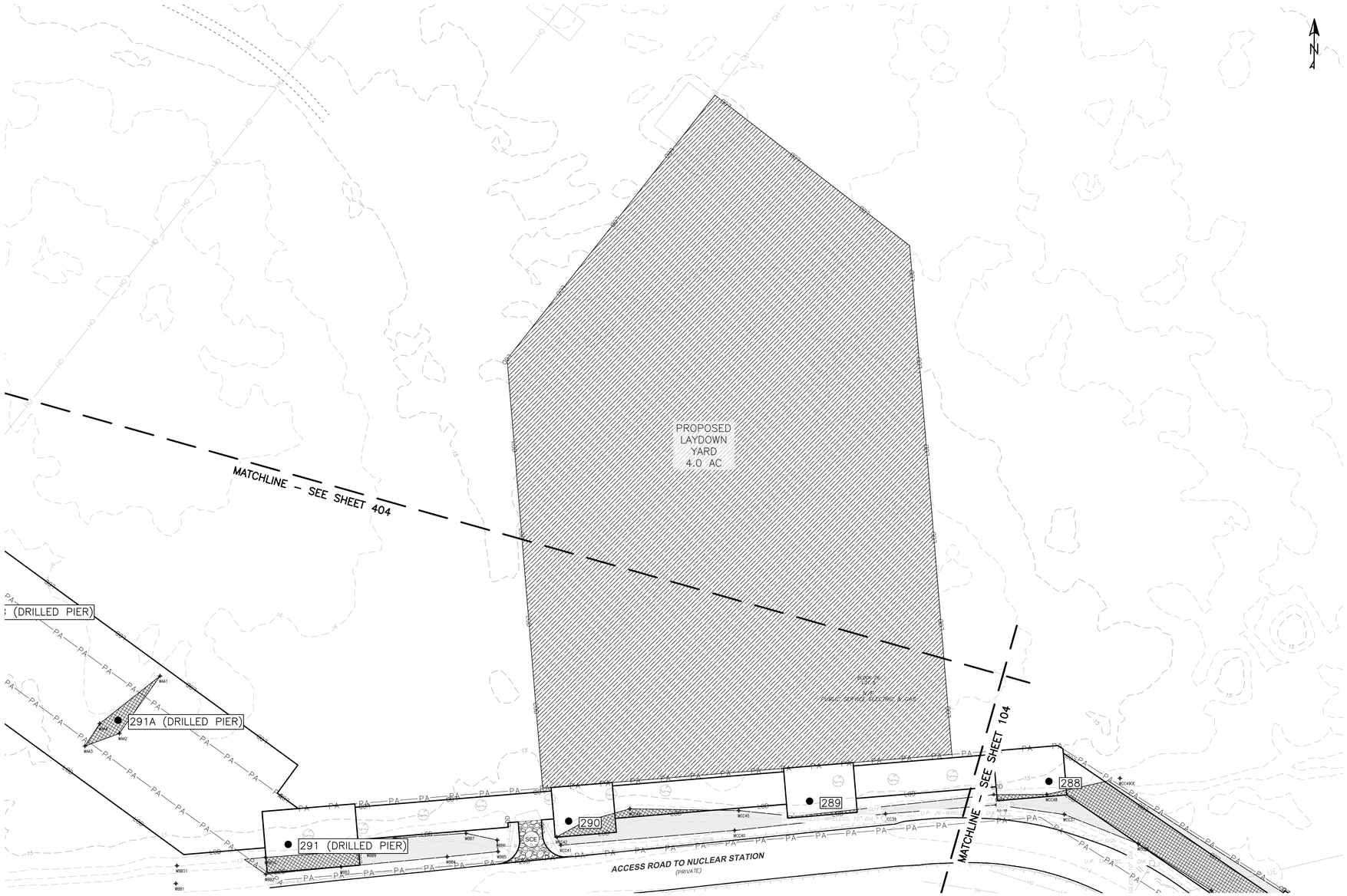
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: USACE PLAN–21
SHEET NO: 423
PAGE NO: 88 of 116



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SECTION 10/404	0	0

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- TEMPORARY SECTION 404 IMPACT
- TEMPORARY SECTION 10/404 IMPACT
- PERMANENT SECTION 404 IMPACT
- PERMANENT SECTION 10/404 IMPACT

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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

US ARMY CORPS OF ENGINEERS
NATIONWIDE PERMIT

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: USACE PLAN–22
SHEET NO: 424
PAGE NO: 89 of 116

COUNTY SOIL EROSION AND SEDIMENT CONTROL NOTES:

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE NEW JERSEY STANDARDS AND THEIR RATES SHOULD BE INCLUDED IN THE NARRATIVE. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER).
6. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION AND RATES OF APPLICATION AT THE REQUEST OF SALEM COUNTY SOIL CONSERVATION DISTRICT.
7. ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NEW JERSEY STANDARDS IMMEDIATELY FOLLOWING ROUGH GRADING.
8. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
9. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
10. A CRUSHED STONE, TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS THE STABILIZED PAD WILL BE INSTALLED ACCORDING TO THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS.
11. ALL DRIVEWAYS MUST BE STABILIZED WITH 2 ½" CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.
12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
13. ALL CATCH BASIN INLETS WILL BE PROTECTED ACCORDING TO THE CERTIFIED PLAN.
14. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
15. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. THE SEDIMENT FILTER SHOULD BE COMPOSED OF A SUITABLE SEDIMENT FILTER FABRIC. (SEE DETAIL) THE BASIN MUST BE DEWATERED TO NORMAL POOL WITHIN 10 DAYS OF THE DESIGN STORM.
16. NJSA 4:24–39, ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE ALL PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES. ALL SITE WORK FOR THE PROJECT MUST BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE AS A PREREQUISITE TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
17. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO PROMOTE EARLIER VEGETATION COVER.
18. OFFSITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE EROSION CONTROL INSPECTOR.
19. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
20. SALEM COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 72 HOURS PRIOR TO ANY LAND DISTURBANCE.
21. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
22. IMMEDIATELY AFTER THE COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, THE STOCKPILE MUST BE STABILIZED ACCORDING TO THE STANDARD FOR TEMPORARY VEGETATIVE COVER. STABILIZE TOPSOIL PILE WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING. ALL SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY AND THE BASE MUST BE PROTECTED WITH A SEDIMENT BARRIER.
23. ANY CHANGES TO THE SITE PLAN WILL REQUIRE THE SUBMISSION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO SALEM COUNTY SOIL CONSERVATION DISTRICT. THE REVISED PLAN MUST BE IN ACCORDANCE WITH THE CURRENT NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
24. METHODS FOR THE MANAGEMENT OF HIGH ACID PRODUCING SOILS SHALL BE IN ACCORDANCE WITH THE STANDARDS. HIGH ACID PRODUCING SOILS ARE THOSE FOUND TO CONTAIN IRON SULFIDES OR HAVE A PH OF 4 OR LESS.
25. TEMPORARY AND PERMANENT SEEDING MEASURES MUST BE APPLIED ACCORDING TO THE NEW JERSEY STANDARDS, AND MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE NEW JERSEY STANDARDS (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER).
26. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
27. DUST IS TO BE CONTROLLED BY AN APPROVED METHOD ACCORDING TO THE NEW JERSEY STANDARDS AND MAY INCLUDE WATERING WITH A SOLUTION OF CALCIUM CHLORIDE AND WATER.
28. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.
29. USE STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES, WHERE APPLICABLE.
30. ALL VEGETATIVE MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSERYMEN AND IN ACCORDANCE WITH THE NEW JERSEY STANDARDS.
31. NATURAL VEGETATION AND SPECIES SHALL BE RETAINED WHERE SPECIFIED ON THE LANDSCAPE PLAN.
32. THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.

GENERAL NOTES:

1. TOPOGRAPHIC DATA WAS PUBLICLY AVAILABLE LIDAR SURVEY. THE VERTICAL DATUM IS NAVD88.
2. TOPSOIL STOCKPILE PROTECTION
   - A) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT.
   - B) APPLY FERTILIZER (10–20–10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
   - C) APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT., AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT.
   - D) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
   - E) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH
   - F) PROPERLY ENTRENCH A SILT FENCE AT THE BOTTOM OF THE STOCKPILE
3. TEMPORARY STABILIZATION SPECIFICATIONS
   - A) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT.
   - B) APPLY FERTILIZER (10–20–10) AT A RATE OF 11 LBS. PER 1000 SQ. FT.
   - C) APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT., AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT.
   - D) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
   - E) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH
4. PERMANENT STABILIZATION SPECIFICATIONS
   - A) APPLY TOPSOIL TO A DEPTH OF 5 INCHES (UNSETTLED)
   - B) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT., AND WORK FOUR INCHES INTO SOIL
   - C) APPLY FERTILIZER (10–20–10) AT A RATE OF 11 LB. PER 1000 SQ. FT.
   - D) APPLY HARD FESCUE SEED AT 2.7 LBS. PER 1000 SQ. FT., CREEPING RED FESCUE SEED AT 0.7 LBS. PER 1000 SQ. FT., AND PERENNIAL RYEGRASS SEED AT 0.25 LBS. PER 1000 SQ. FT.
   - E) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT.
   - F) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH

SEQUENCE OF CONSTRUCTION:

1. CONTACT SALEM COUNTY SOIL CONSERVATION DISTRICT, IN WRITING, A MINIMUM OF 72 HOURS PRIOR TO ANY LAND DISTURBANCE.
2. VERIFY THE LOCATION OF ALL UTILITIES (GAS, WATER, SANITARY, TELEPHONE, OVERHEAD WIRES, ETC.), CONTACT NEW JERSEY ONE CALL (800–272–1000) AND COORDINATE WITH UTILITY COMPANIES.
3. MOST CONSTRUCTION FOR THE PROJECT SHALL BE COMPLETED FROM THE EXISTING ROAD AND SHOULDER WITH NO EARTH DISTURBANCE OTHER THAN POLE INSTALLATION/REMOVAL PROPOSED.
4. INSTALL ROCK CONSTRUCTION ENTRANCES AS INDICATED ON THE APPROVED E&SC PLAN.
5. INSTALL TREE PROTECTION FENCING AS NOTED.
6. INSTALL SEDIMENT CONTROL BMPS, IE SILT SOCK, AS INDICATED ON E&S PLAN, ONCE COMPLETED, STRIP TOPSOIL AND GRUBBING TO REMOVE STUMPS IF NEEDED, FROM DISTURBANCE AREA THAT IS WITHIN THE LIMITS OF DISTURBANCE, IN ADVANCE OF ANY ROAD GRADING TO BE COMPLETED. STOCKPILE, SEED AND STABILIZE STRIPPED TOPSOIL MATERIAL. COMPLETE ACCESS ROAD GRADING AS NEEDED. IMMEDIATELY STABILIZE GRADED AREAS WITH SEED AND MULCH (OR EROSION CONTROL MATTING). AREA OF CONSTRUCTION IS TO BE LIMITED TO THE AMOUNT OF ACCESS ROAD THAT CAN BE GRADED AND STABILIZED WITHIN THE FOUR DAY WORK PERIOD TO MEET IMMEDIATELY STABILIZED REQUIREMENTS.
   - 6.1. DURING ROADWAY CONSTRUCTION TEMPORARY BRIDGES SHALL BE INSTALLED.
   - 6.2. DURING ROADWAY CONSTRUCTION CONSTRUCTION MATTING SHALL BE INSTALLED.
7. INSTALL SEDIMENT BARRIER AS INDICATED ON THE PLANS AROUND WORK AREAS LOCATIONS.
8. STRIP THE TOPSOIL IF NEEDED AT THE PAD LOCATION AND STOCKPILE AS INDICATED ON THE PLANS.
9. GRADE THE WORK AREA SITE. EROSION CONTROL BLANKET AND TEMPORARY SEEDING IS TO BE PLACED ON SLOPES 3H:1V OR GREATER. TEMPORARY SEED AND STABILIZE ALL SLOPES LESS THAN 3H:1V.
10. PROCEED WITH REMOVAL OF EXISTING STRUCTURE AS NEEDED. INSTALL CONCRETE WASHOUT, ONCE INSTALLED, BEGIN FOUNDATION INSTALLATION, STRUCTURE ERECTION, HARDWARE AND CONDUCTOR INSTALLATION TAKING CARE TO DISTURB THE SMALLEST AMOUNT OF AREA POSSIBLE. EXCESS SOILS FROM THE FOUNDATION EXCAVATION ARE TO BE STOCKPILED OR HAULED OFF–SITE.
11. REMOVE ANY CONTROL FENCE, SILT FENCE AND STABILIZE AREAS DISTURBED BY THE REMOVAL OPERATIONS. REMOVAL OF SILT FENCE ENTAILS COMPLETE REMOVAL OF MATERIALS SEEDING AND STABILIZING THE AREA DISTURBED BY THE OPERATION.
12. WHEN THE ACCESS ROADS ARE NO LONGER UTILIZED FOR CONSTRUCTION EQUIPMENT ACCESS, THE CONTRACTOR IS TO RESTORE THE ENTIRE ROAD AREA WITH PERMANENT SEEDING UNLESS NOTED ON THE PLANS TO REMAIN.
13. REMOVE THE ROCK CONSTRUCTION ENTRANCES AND RESTORE THE AREAS WITH PERMANENT SEEDING UNLESS NOTED.

    NOTE: AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED PERMANENT STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 80% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON–VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENT.

14. UPON COMPLETION OF EARTHWORK, SEED, HYDROSEED AND MULCH AS REQUIRED. TEMPORARY SEEDING TO BE USED IN AREAS TO BE DISTURBED BY FUTURE OPERATIONS.
15. MAINTAIN EROSION CONTROL DEVICES FOR SET WARRANTY PERIOD AND UNTIL STABILIZATION IS ACHIEVED. FOLLOWING APPROVED STABILIZATION, REMOVE EROSION CONTROL DEVICES. SEED AND MULCH ANY AREAS DISTURBED DURING THIS ACTIVITY.

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SEAL: STATE OF NEW JERSEY · AMANDA L. NGOV · No. GE58310 · LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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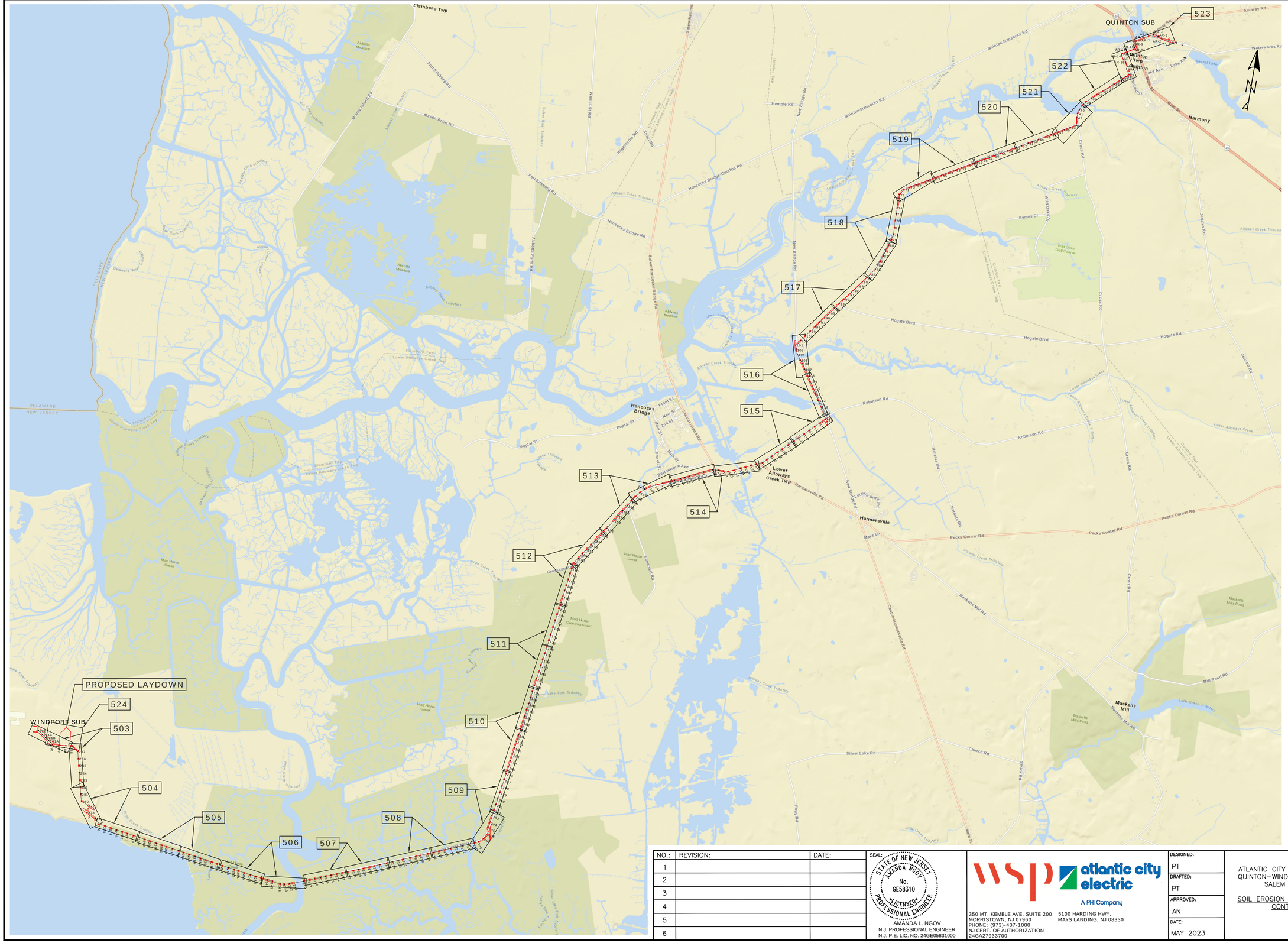
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700
5100 HARDING HWY,
MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: SESC NOTES
SHEET NO: 501
PAGE NO: 90 of 116



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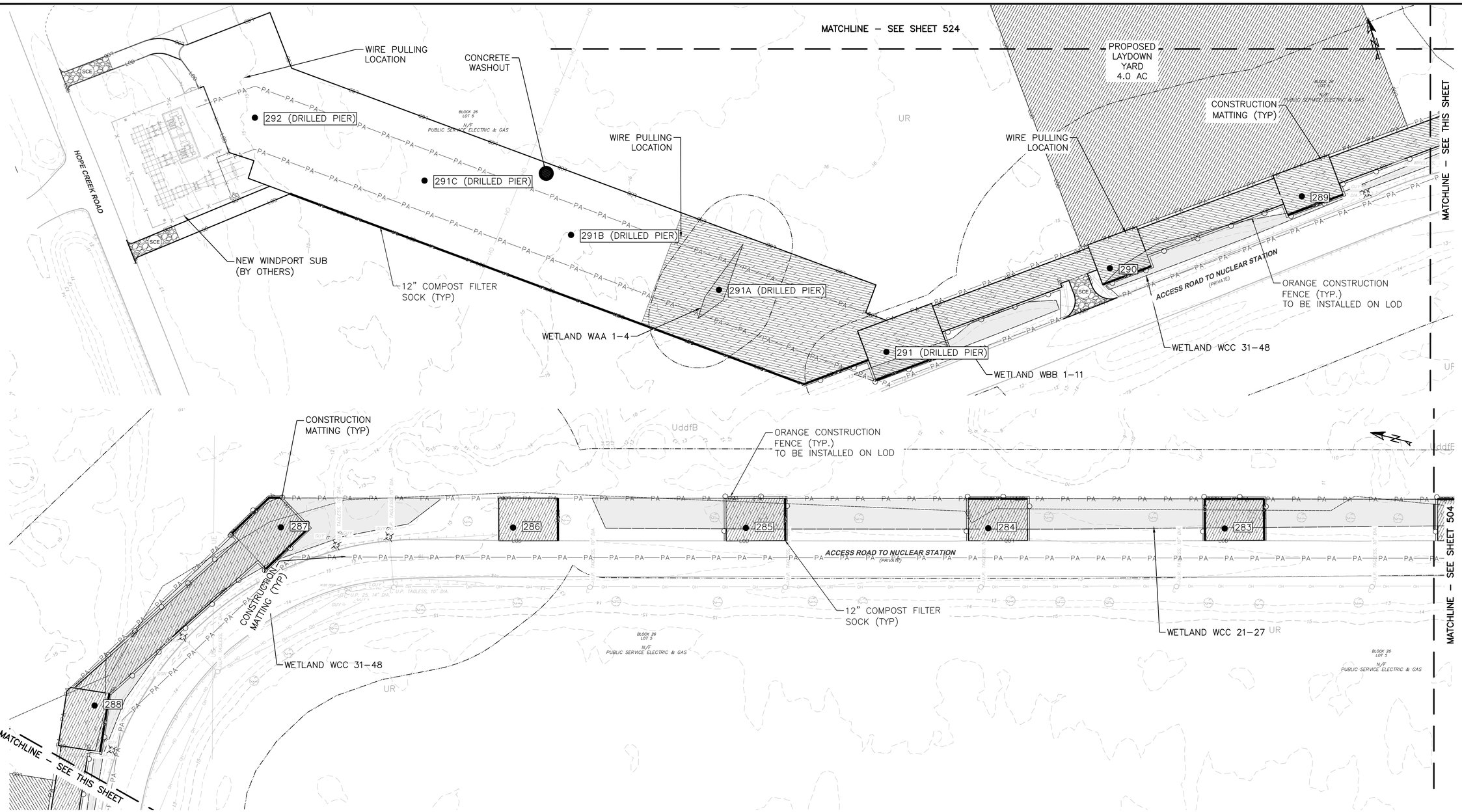
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 1500 3000
1" = 1500'
SHEET NAME: KEY PLAN
SHEET NO: 502
PAGE NO: 91 of 116



LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/BUILDINGS
- PROJECT AREA
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- PROPOSED CONTOUR
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SALEM COUNTY, NJ

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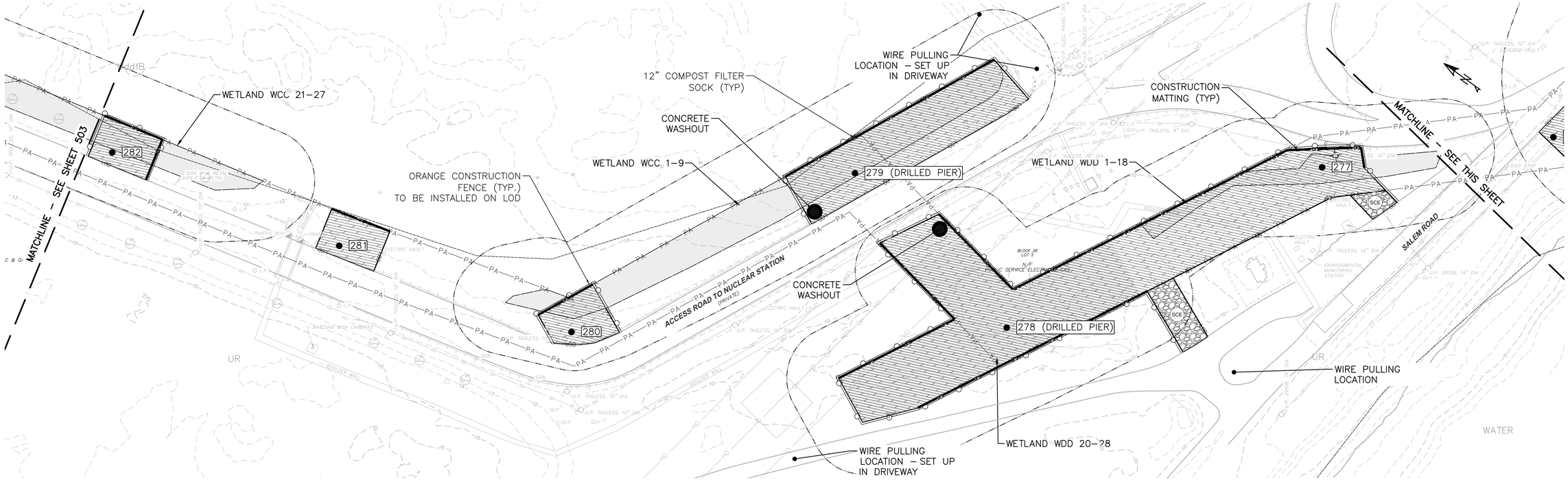
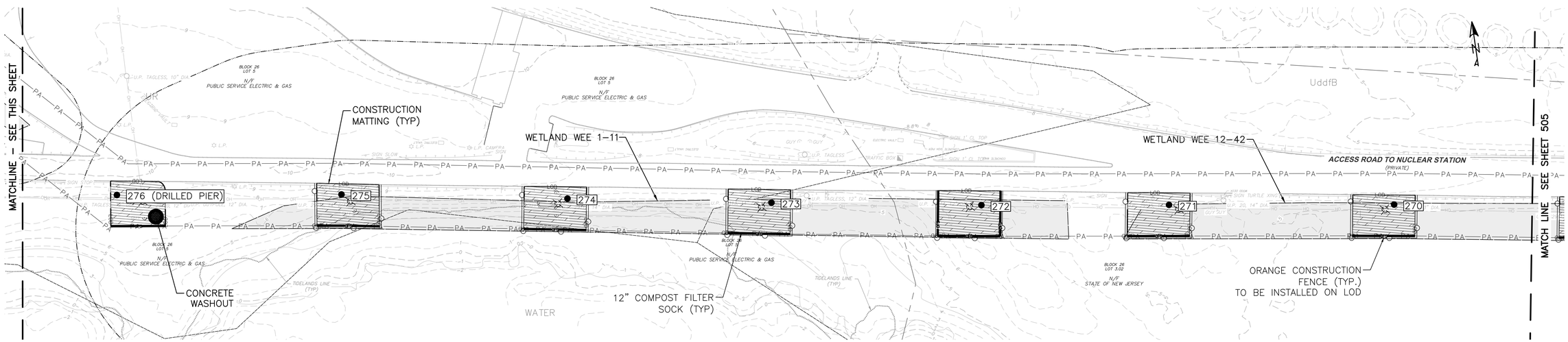
PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–1
SHEET NO: 503
PAGE NO: 92 of 116





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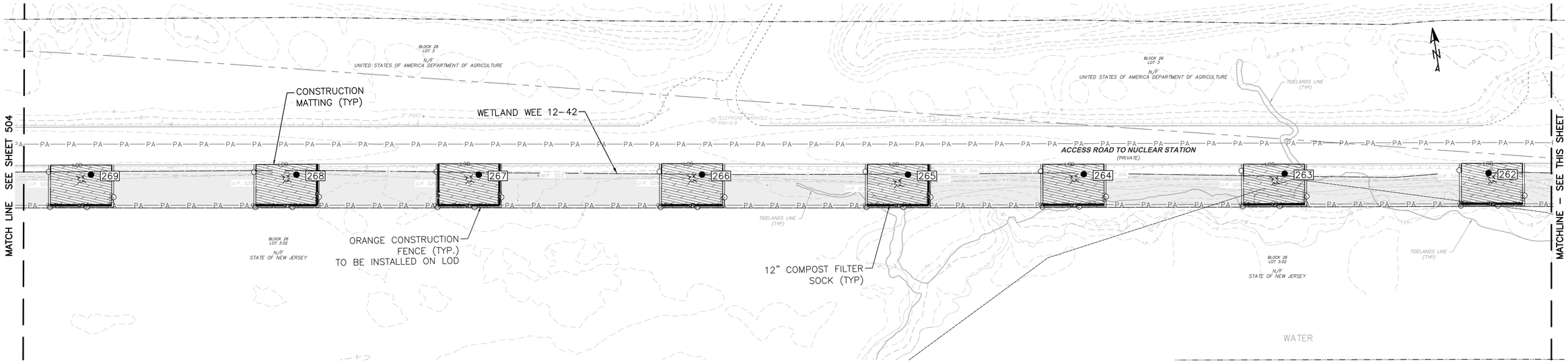
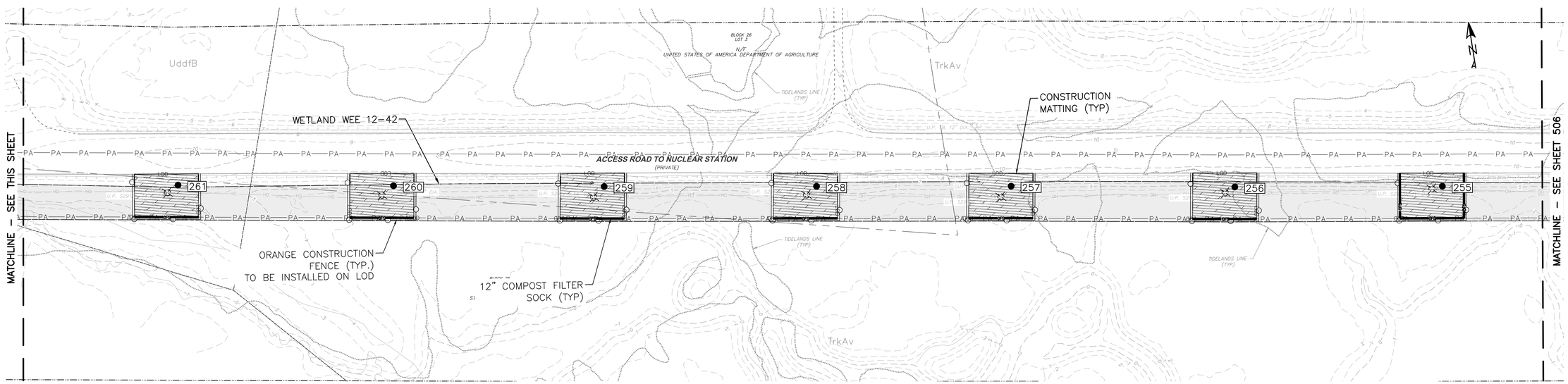
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–2
SHEET NO: 504
PAGE NO: 93 of 116





LEGEND:

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QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
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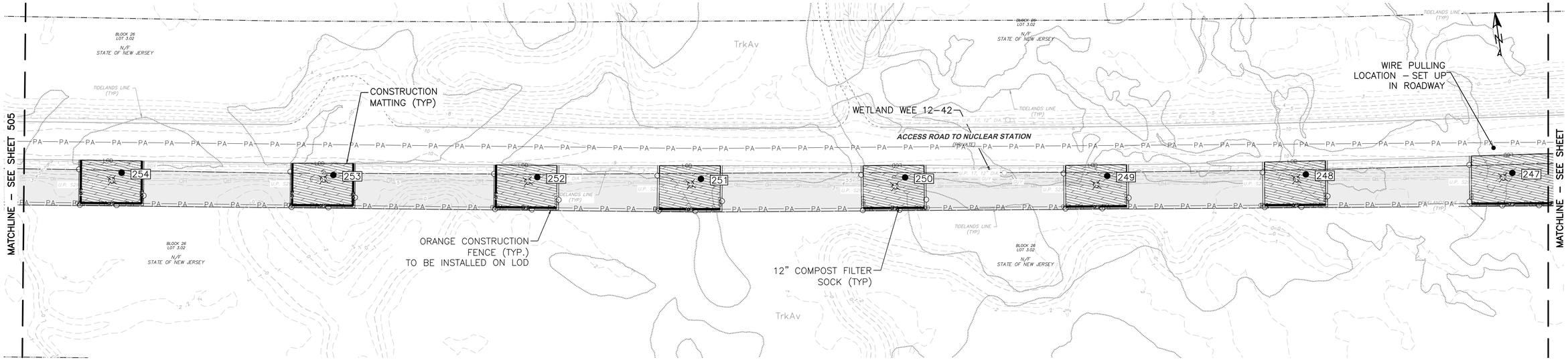
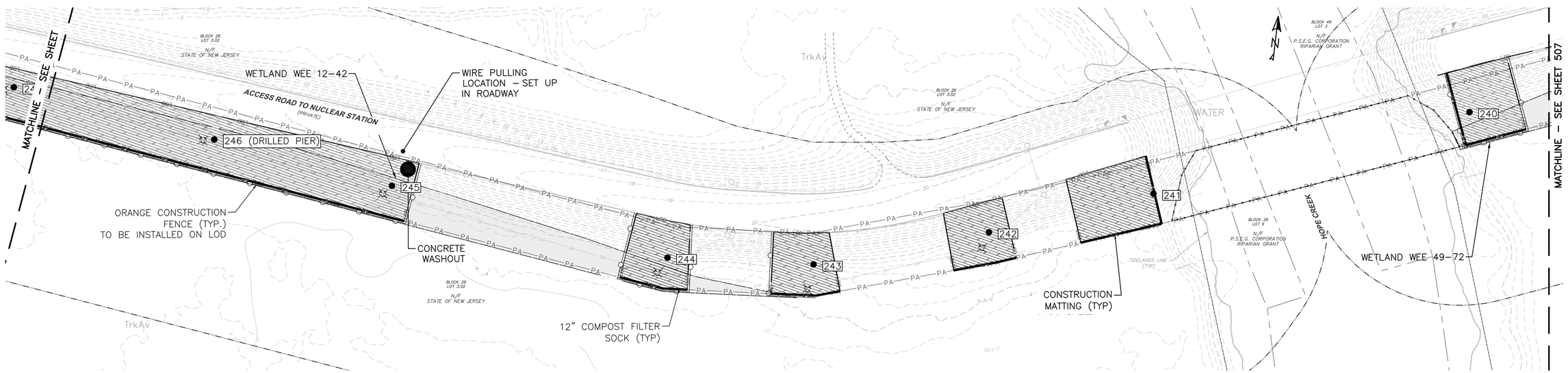
SHEET NO: 505
PAGE NO: 94 of 116





LEGEND:

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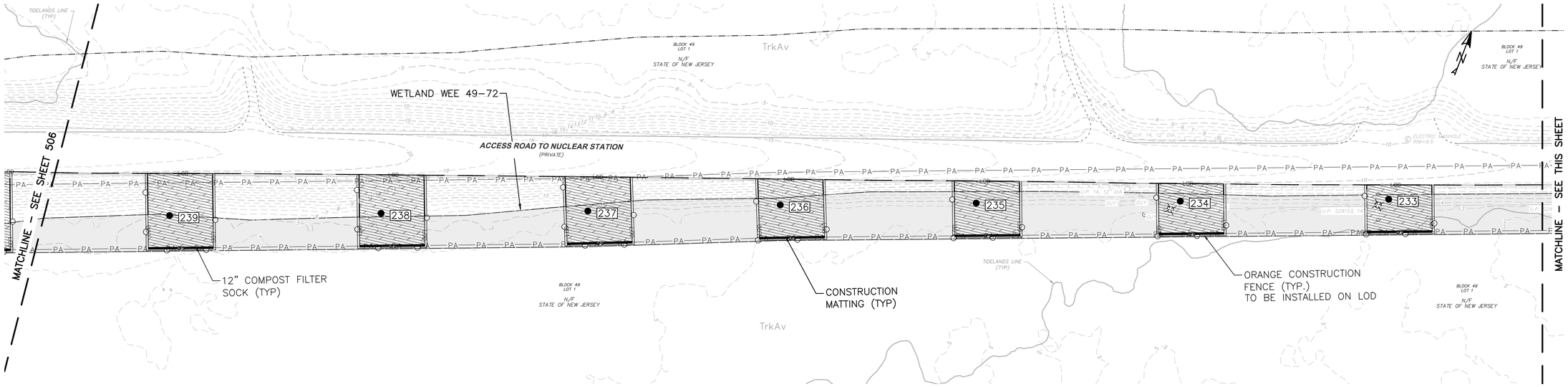
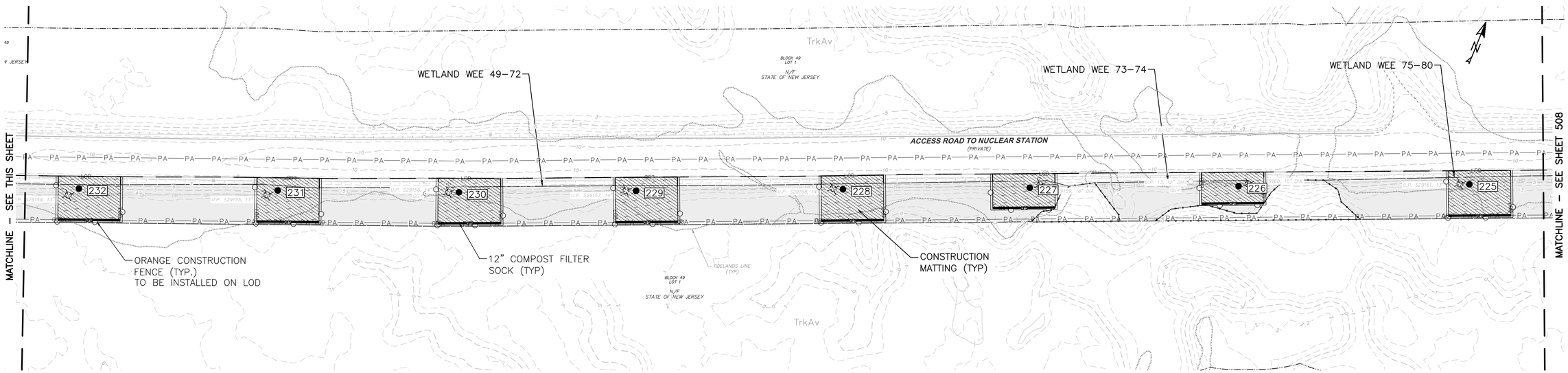
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–4
SHEET NO: 506
PAGE NO: 95 of 116





LEGEND:

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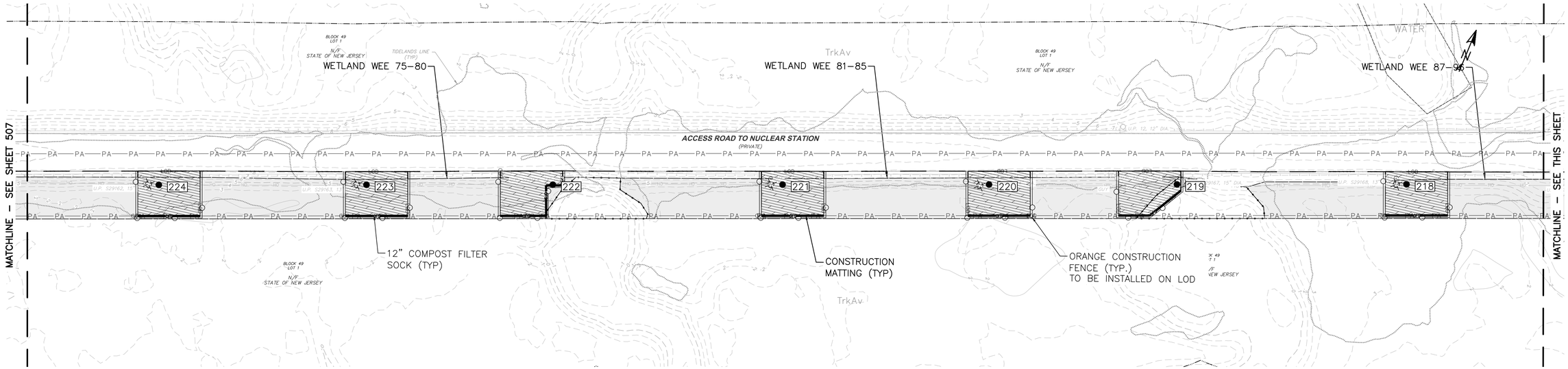
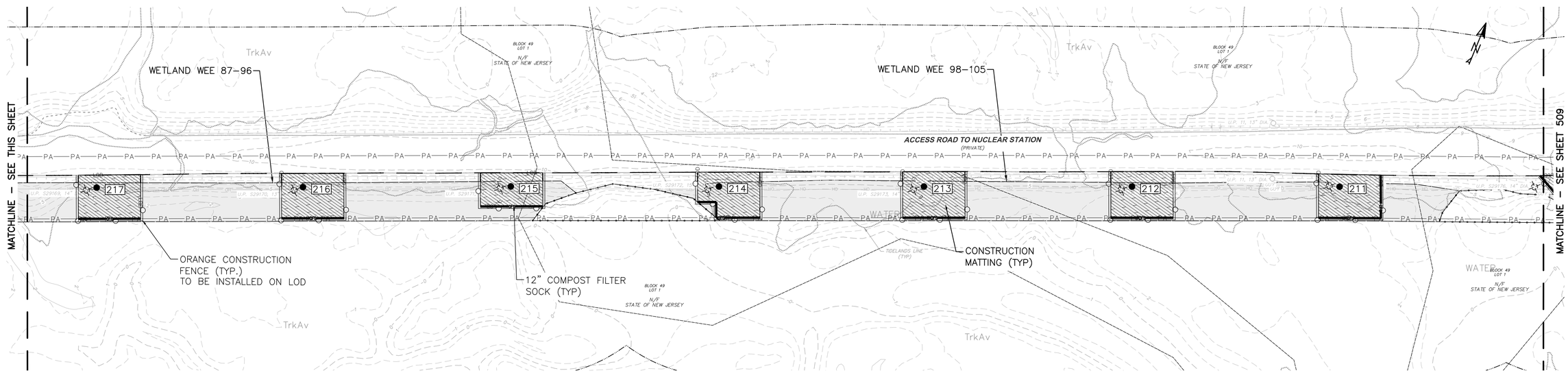
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–5
SHEET NO: 507
PAGE NO: 96 of 116





LEGEND:

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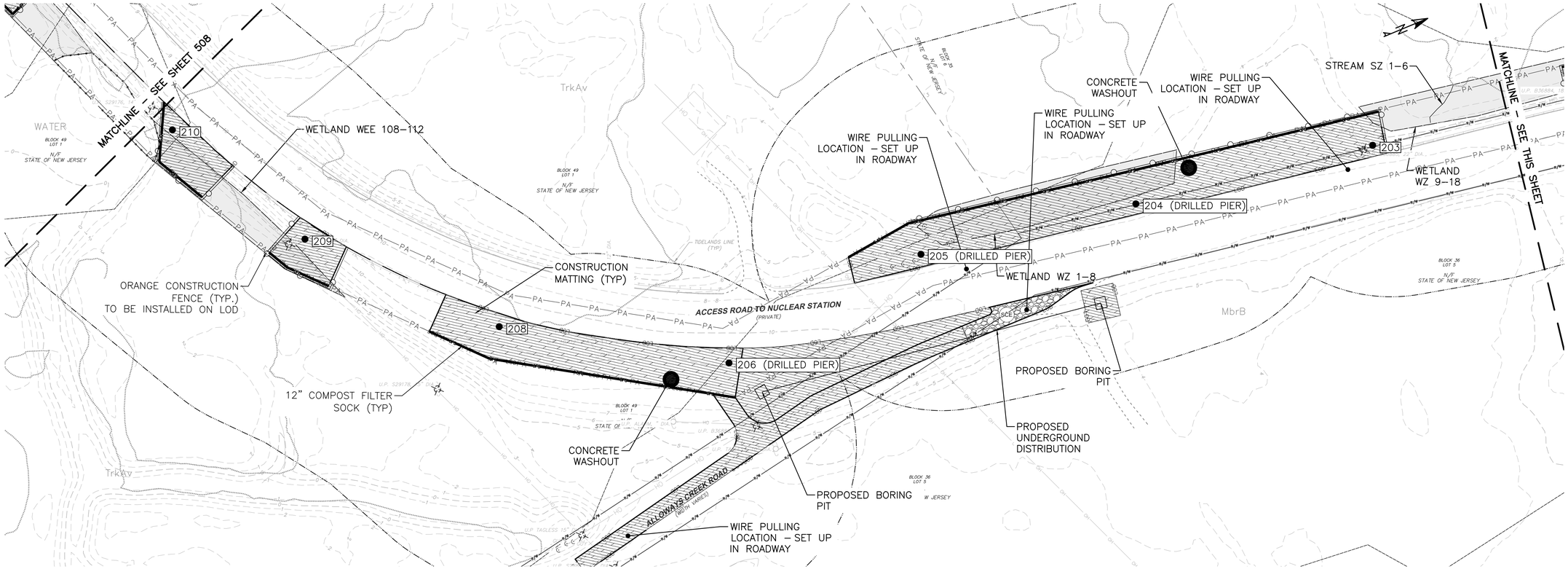
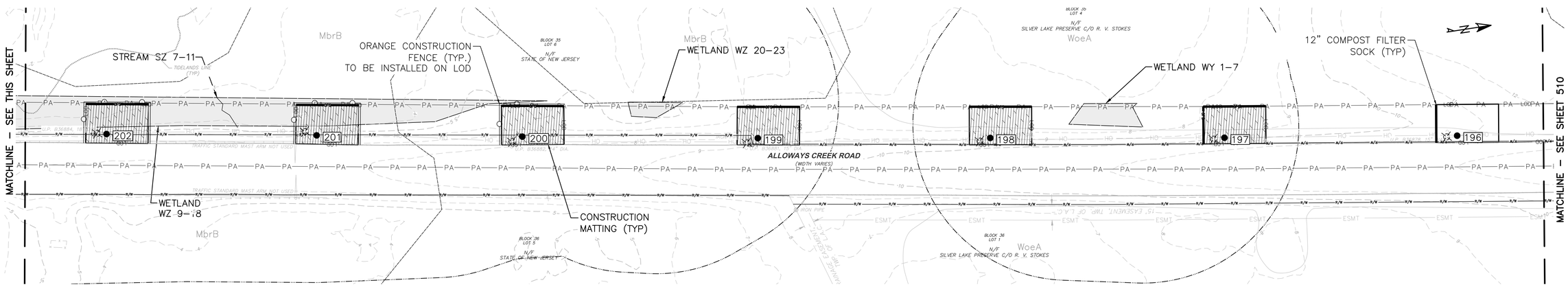
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–6
SHEET NO: 508
PAGE NO: 97 of 116





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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp

350 MT. KEMBLE AVE, SUITE 200
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

atlantic city electric
A PHI Company

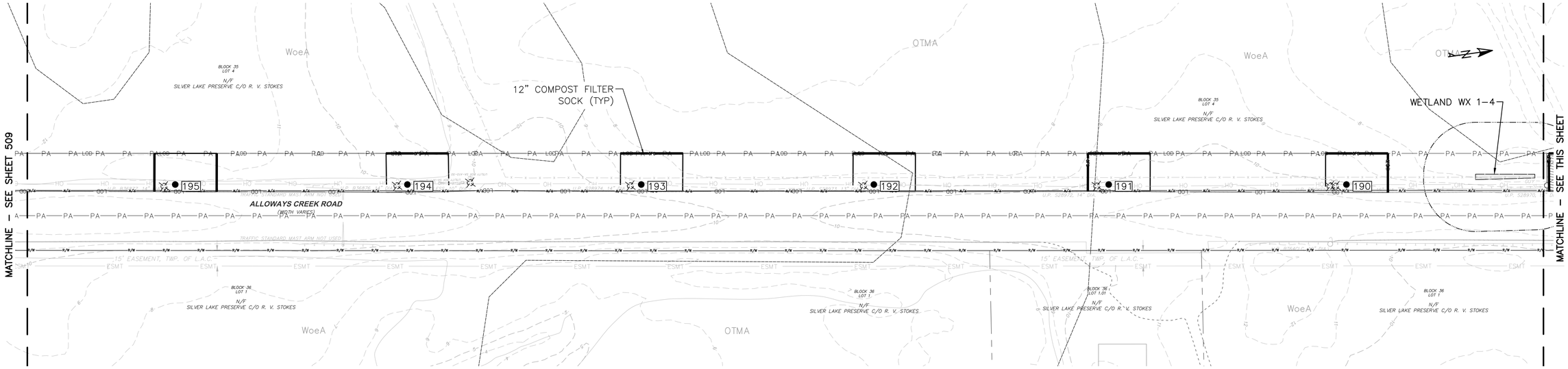
5100 HARDING HWY,
MAYS LANDING, NJ 08330

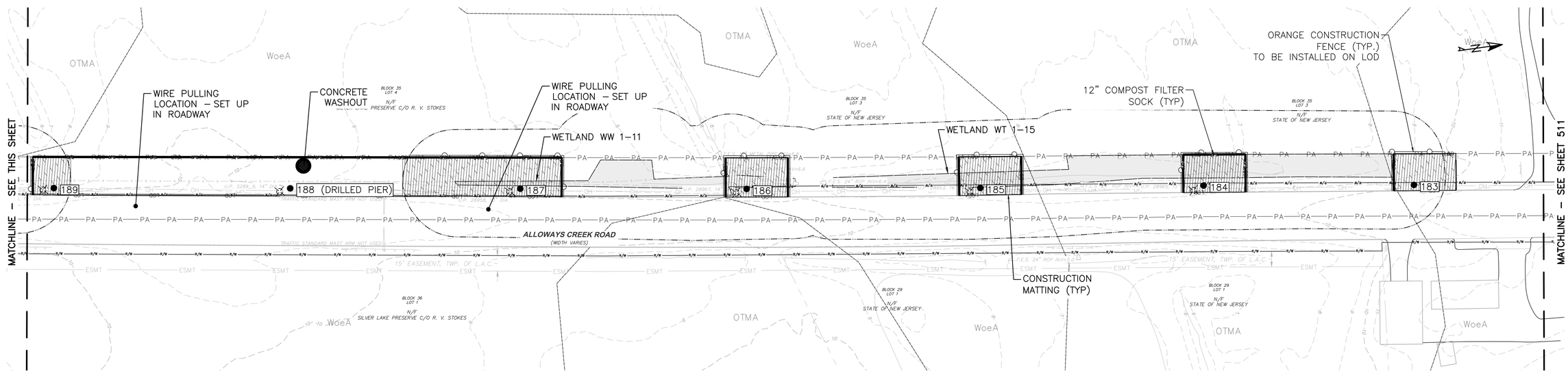
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–7
SHEET NO: 509
PAGE NO: 98 of 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT
- EXISTING STRUCTURES/BUILDINGS
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- ORANGE CONSTRUCTION FENCE
- EXISTING STRUCTURE TO BE REMOVED
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- WETLAND COMPOSITE MATTING
- SOILS TYPE SEPARATION/ABBREVIATION

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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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N.J. P.E. LIC. NO. 24GE05831000

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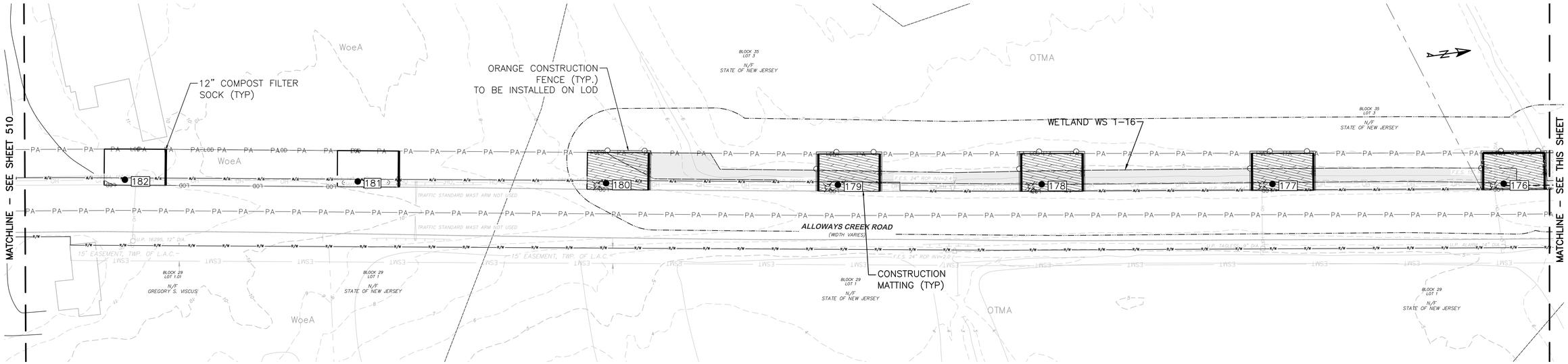
MORRISTOWN, NJ 07960
PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION 24GA27933700
5100 HARDING HWY,
MAYS LANDING, NJ 08330

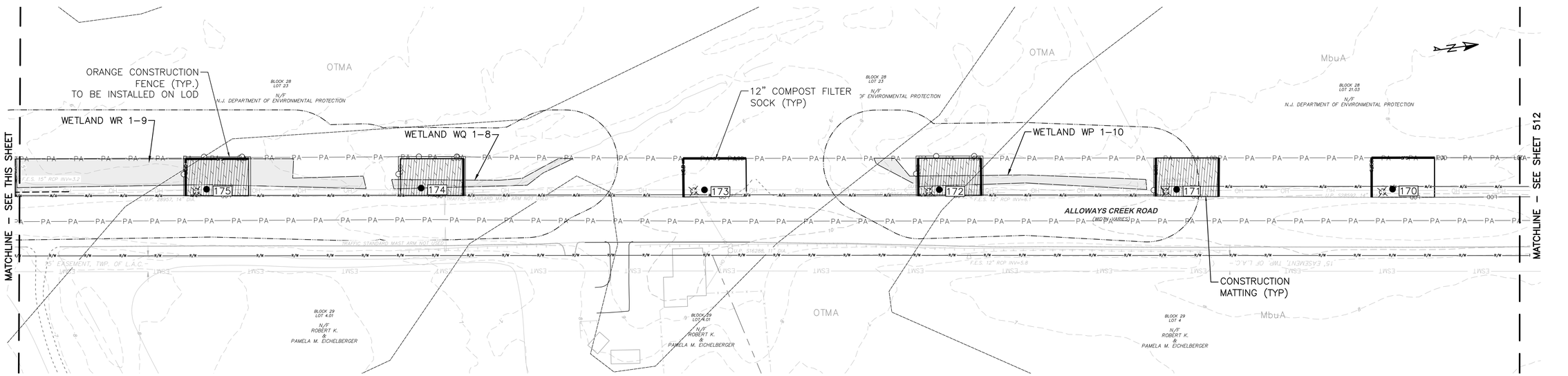
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–8
SHEET NO: 510
PAGE NO: 99 of 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
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5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
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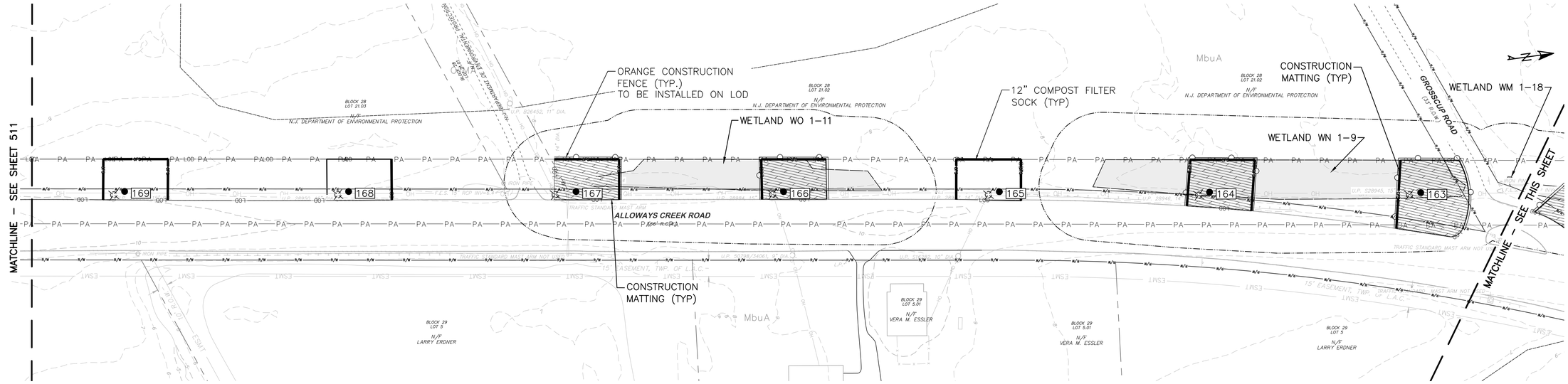
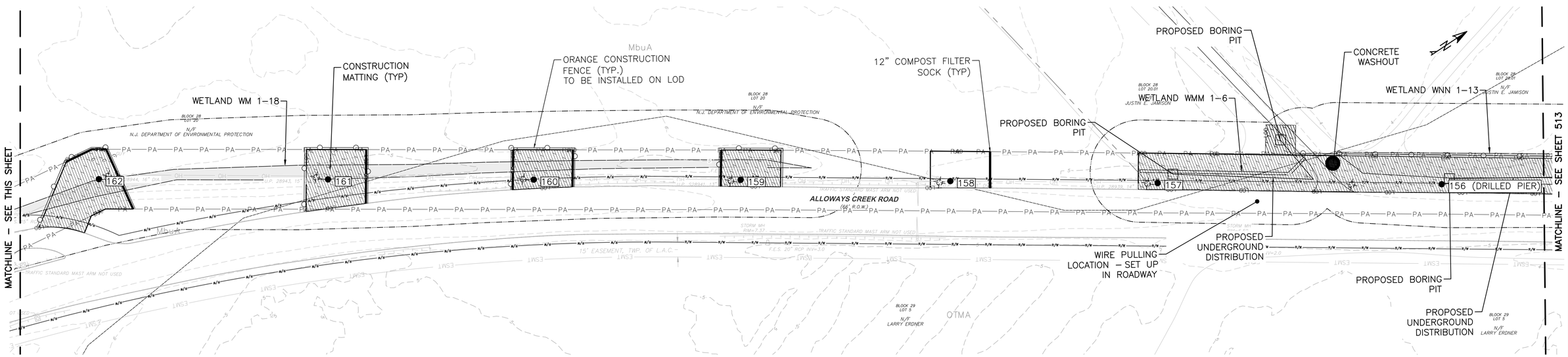
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–9
SHEET NO: 511
PAGE NO: 100 OF 116





LEGEND:

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A PHI Company
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DESIGNED: PT
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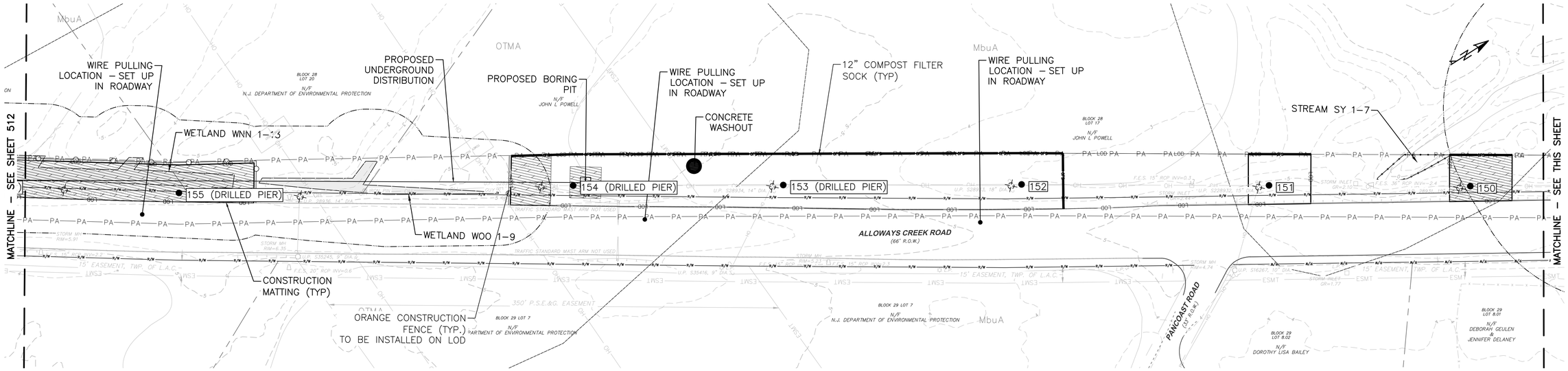
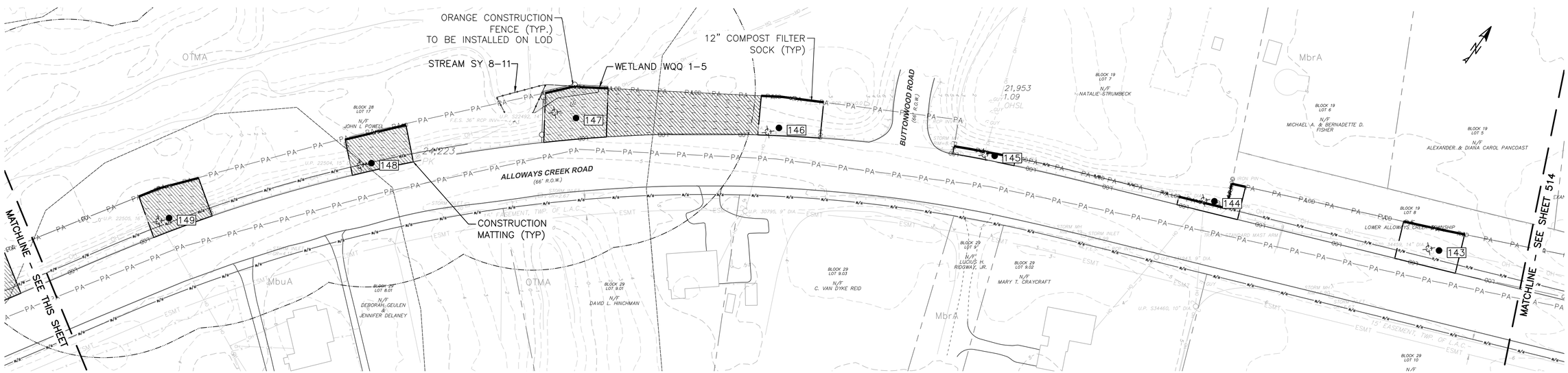
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–10
SHEET NO: 512
PAGE NO: 101 OF 116





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NJ CERT. OF AUTHORIZATION 24GA27933700

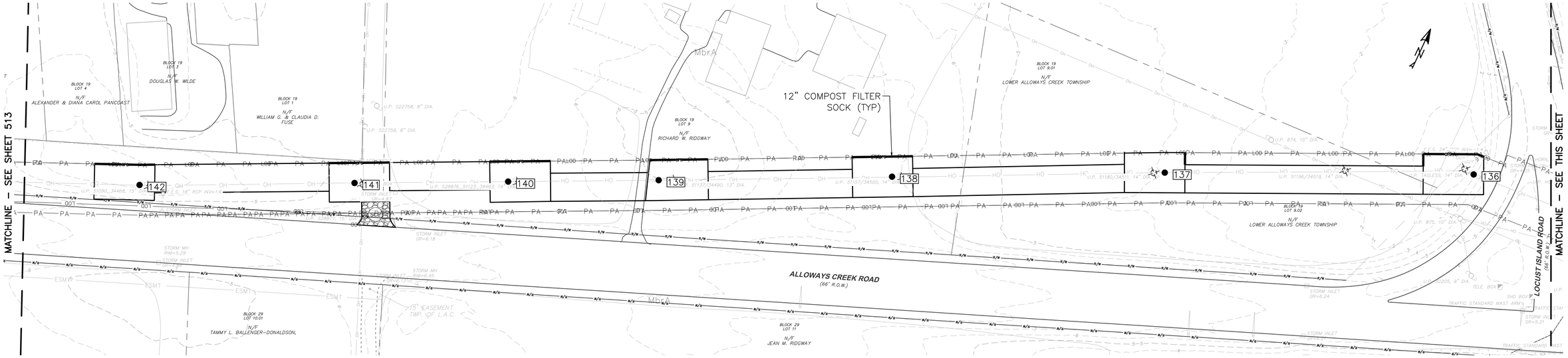
5100 HARDING HWY.
MAYS LANDING, NJ 08330

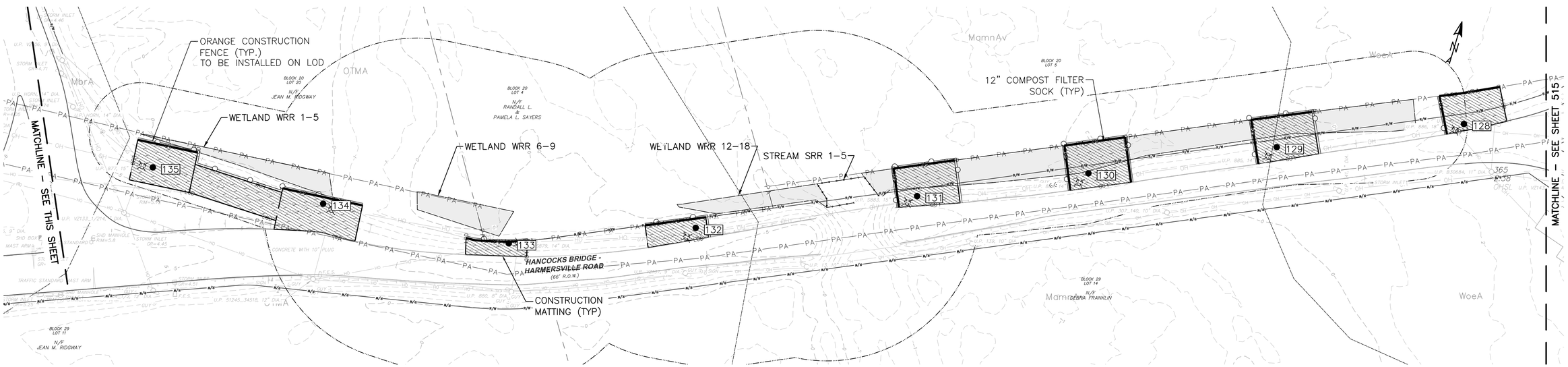
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–11
SHEET NO: 513
PAGE NO: 102 OF 116





LEGEND:

- EXISTING OVERHEAD WIRE
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- EXISTING DIRT/FIELD ROAD
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

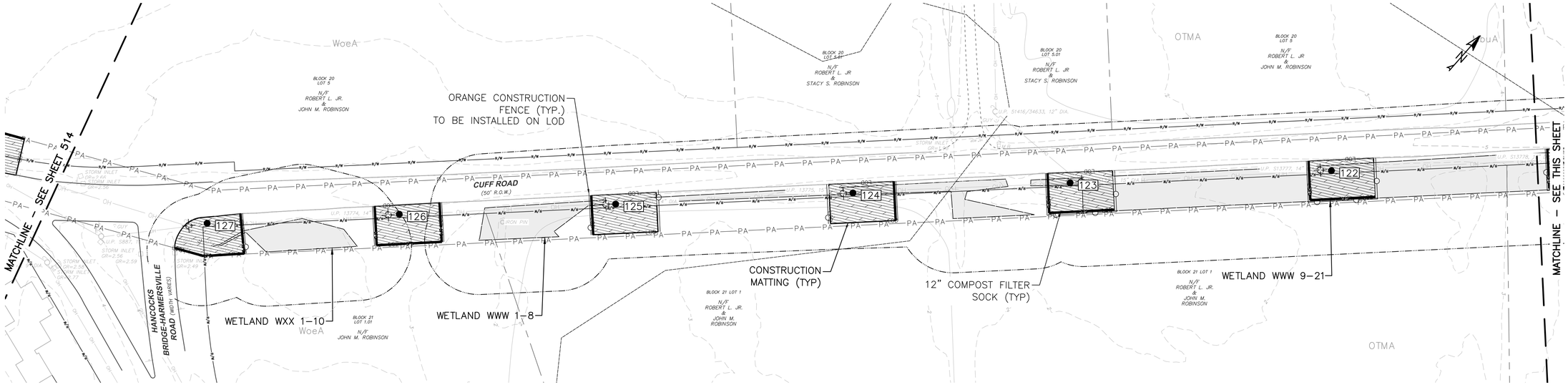
5100 HARDING HWY,
MAYS LANDING, NJ 08330

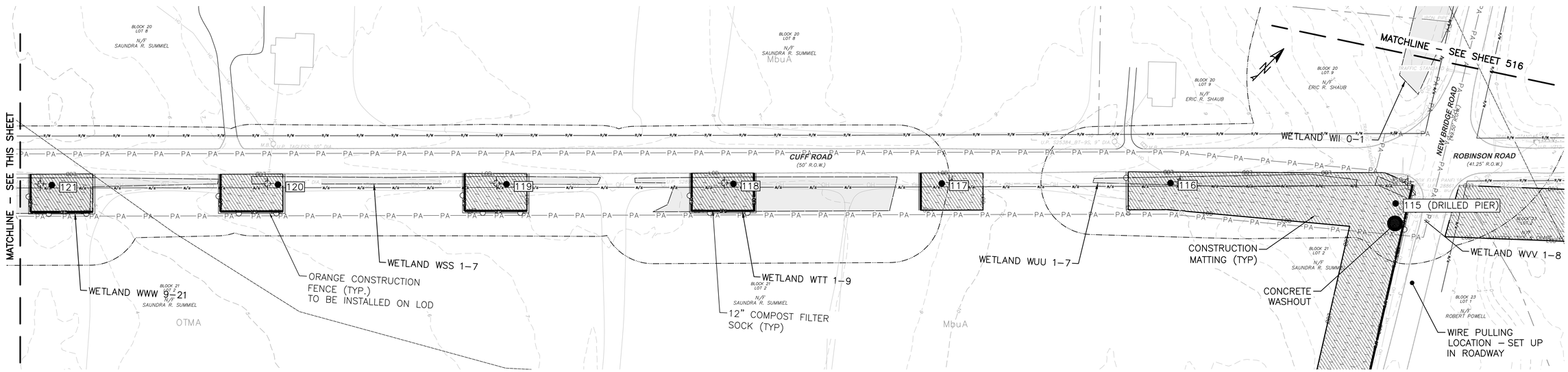
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–12
SHEET NO: 514
PAGE NO: 103 OF 116





LEGEND:

- EXISTING OVERHEAD WIRE
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- EXISTING DIRT/FIELD ROAD
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SEAL: STATE OF NEW JERSEY — AMANDA L. NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
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N.J. P.E. LIC. NO. 24GE05831000

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NJ CERT. OF AUTHORIZATION
24GA27933700

atlantic city electric
A PHI Company

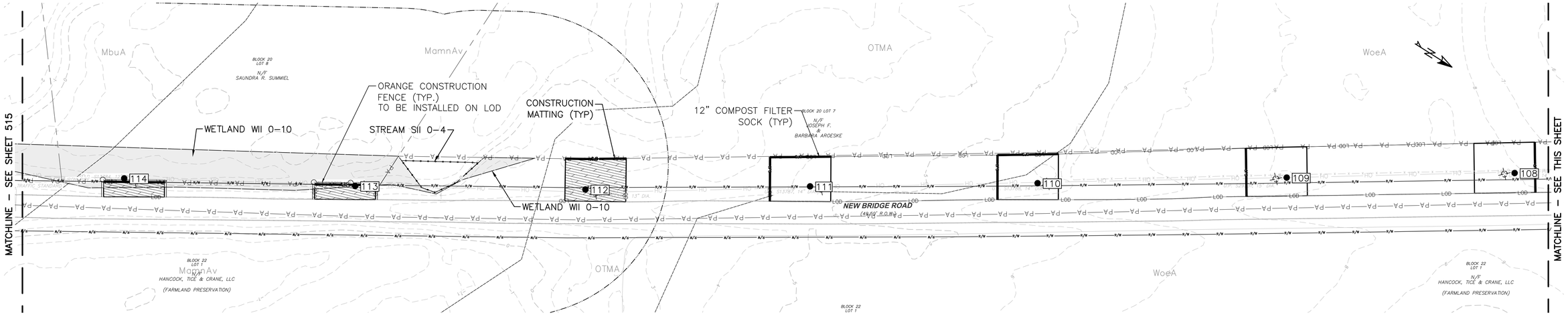
5100 HARDING HWY,
MAYS LANDING, NJ 08330

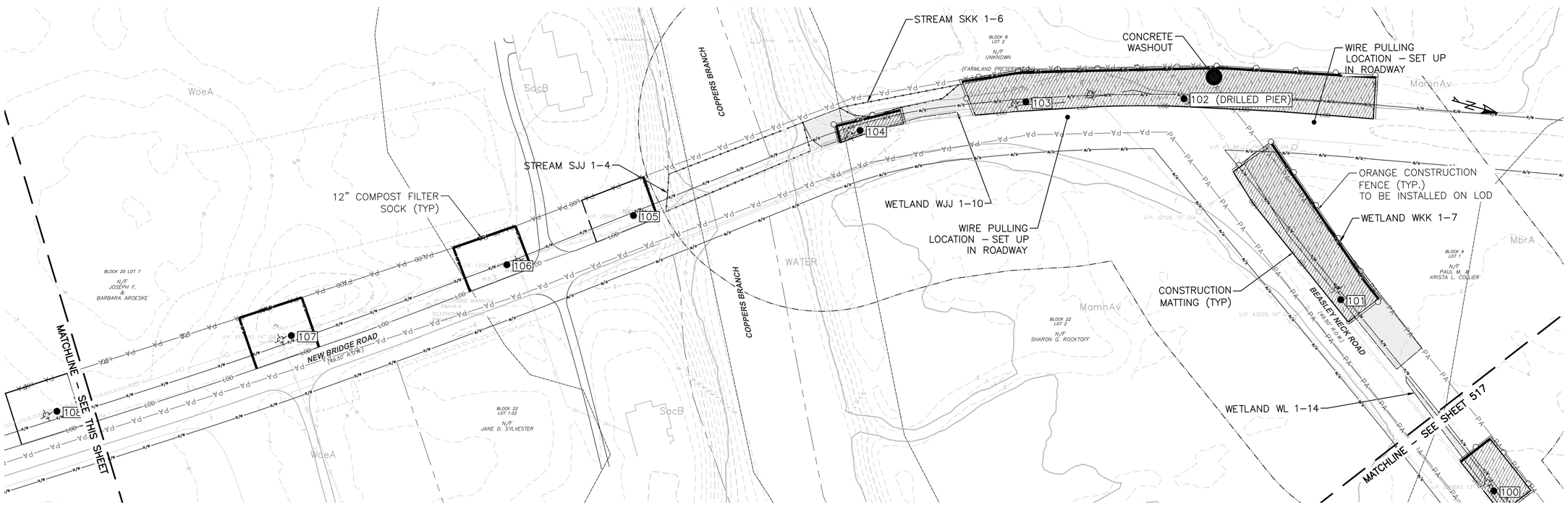
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–13
SHEET NO: 515
PAGE NO: 104 OF 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

wsp — atlantic city electric — A PHI Company

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NJ CERT. OF AUTHORIZATION 24GA27933700

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MAYS LANDING, NJ 08330

DESIGNED: PT
DRAFTED: PT
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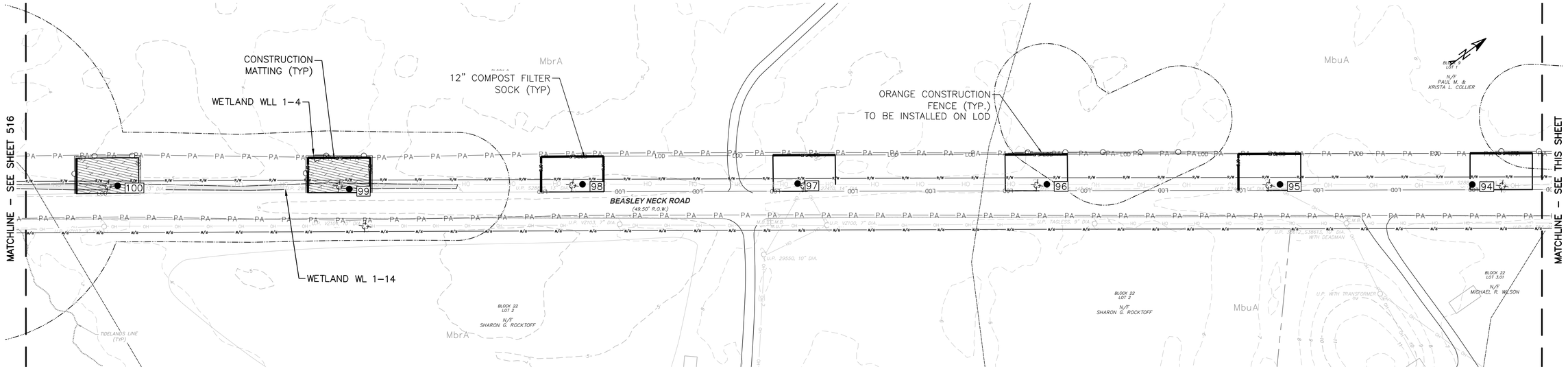
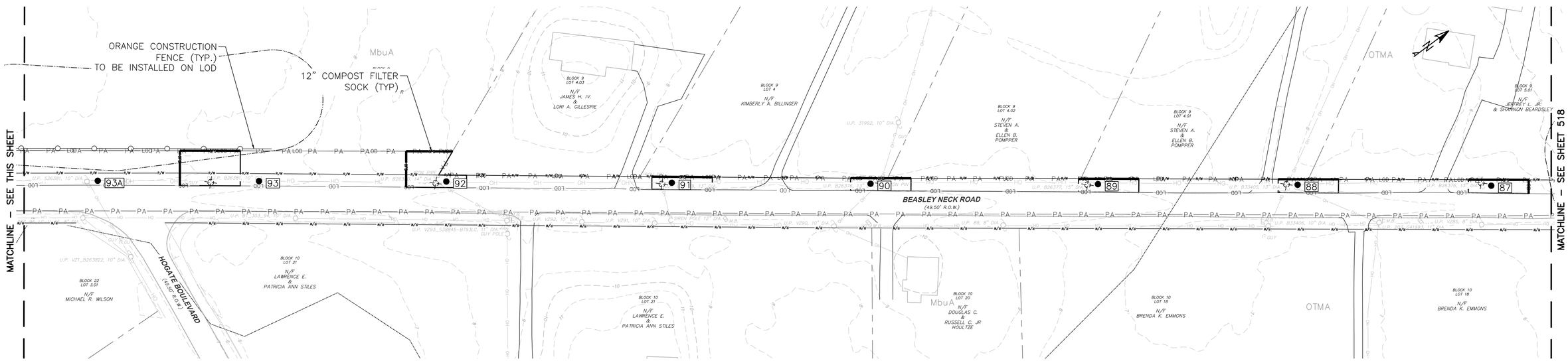
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–14
SHEET NO: 516
PAGE NO: 105 OF 116





LEGEND:

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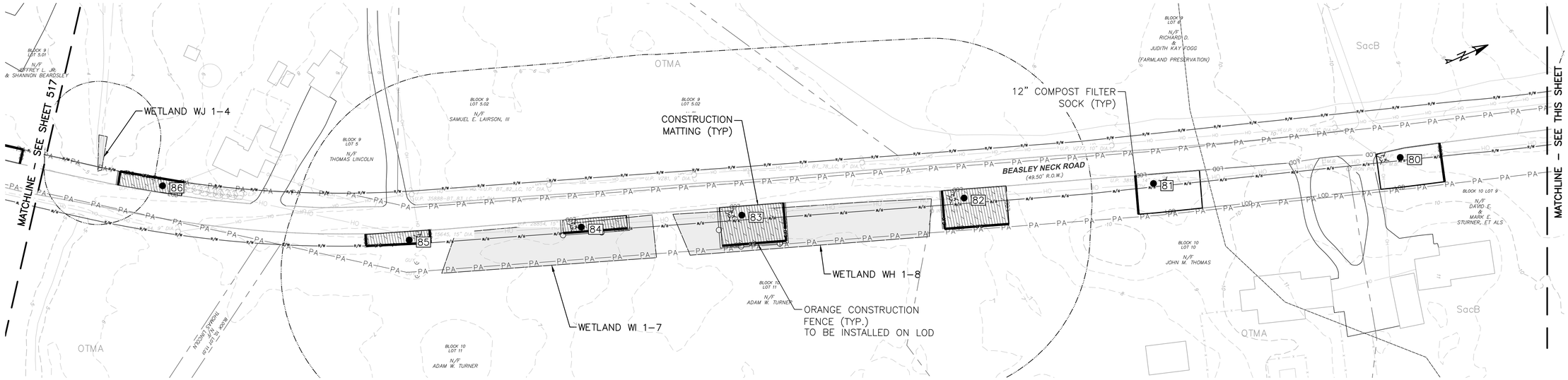
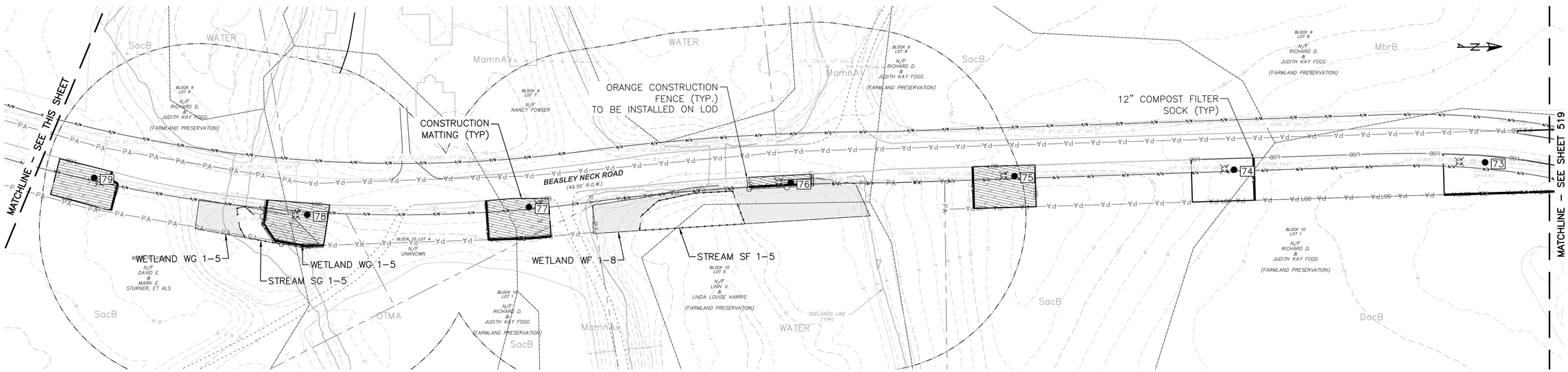
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–15
SHEET NO: 517
PAGE NO: 106 OF 116





LEGEND:

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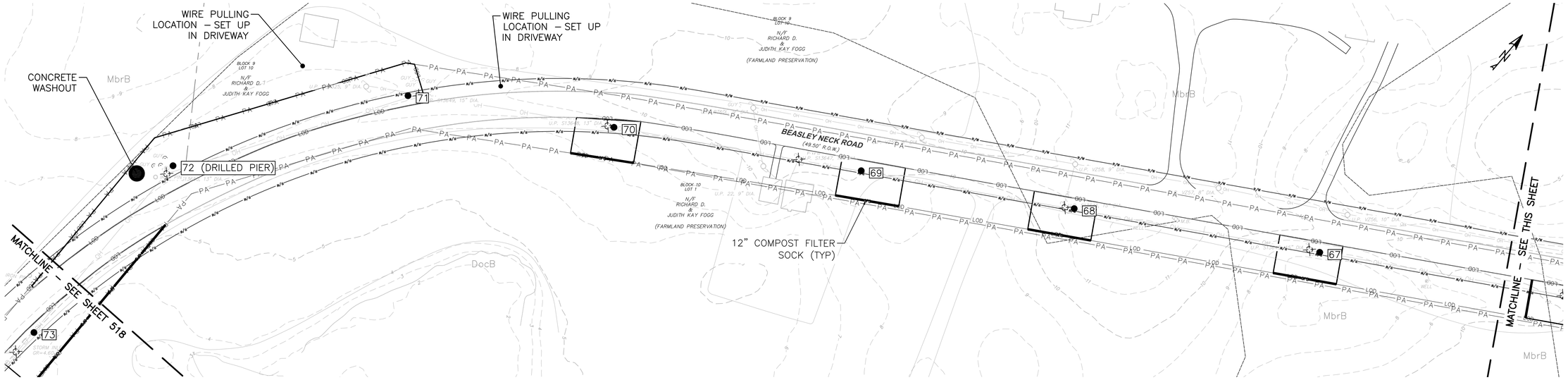
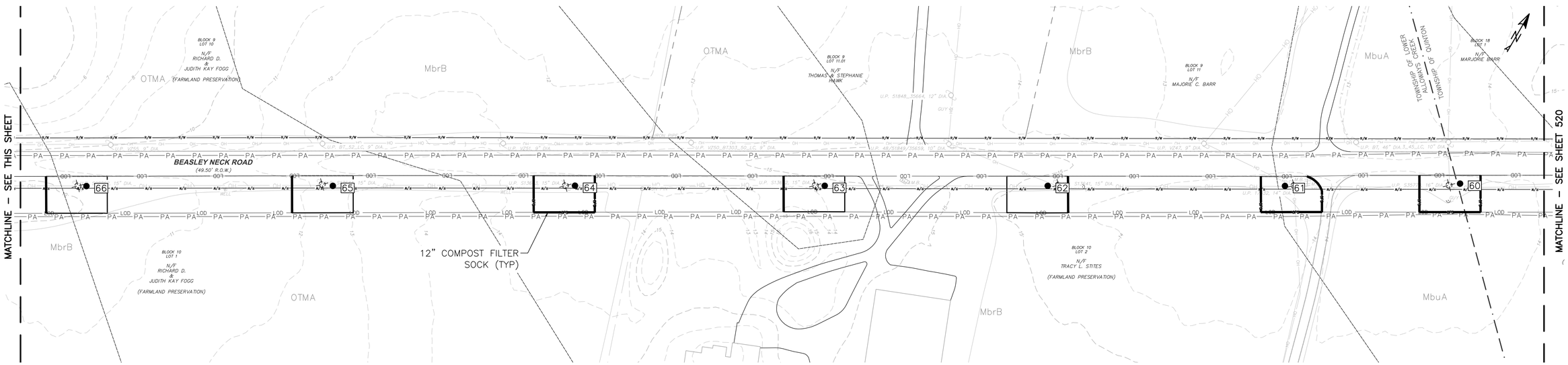
DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–16
SHEET NO: 518
PAGE NO: 107 OF 116





LEGEND:

- EXISTING OVERHEAD WIRE
- EXISTING EDGE OF PAVEMENT
- EXISTING DIRT/FIELD ROAD
- EXISTING FENCE
- EXISTING AGRICULTURE FIELD
- EXISTING GUARD RAIL
- PROPERTY BOUNDARY
- EXISTING TREE VEGETATION
- EXISTING CONTOUR LINE
- EXISTING ROAD ROW
- EXISTING TIDELANDS LINE
- EXISTING EASEMENT

- EXISTING STRUCTURES/BUILDINGS
- PROJECT AREA
- OVERHEAD WIRE CENTER LINE
- PROPOSED CONTOUR
- PROPOSED PADS AND ROADS
- PROPOSED COMPOST FILTER SOCK
- PROPOSED LIMITS OF DISTURBANCE
- WETLAND BUFFER
- DELINEATED STREAM
- ORANGE CONSTRUCTION FENCE

- EXISTING STRUCTURE TO BE REMOVED
- PROPOSED STRUCTURE
- DELINEATED WETLAND BOUNDARY
- WETLAND COMPOSITE MATTING
- SOILS TYPE SEPARATION/ABBREVIATION

NO.:	REVISION:	DATE:
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SEAL: STATE OF NEW JERSEY AMANDA NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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PHONE: (973)-407-1000
NJ CERT. OF AUTHORIZATION
24GA27933700

atlantic city electric
A PHI Company
5100 HARDING HWY.
MAYS LANDING, NJ 08330

DESIGNED: PT
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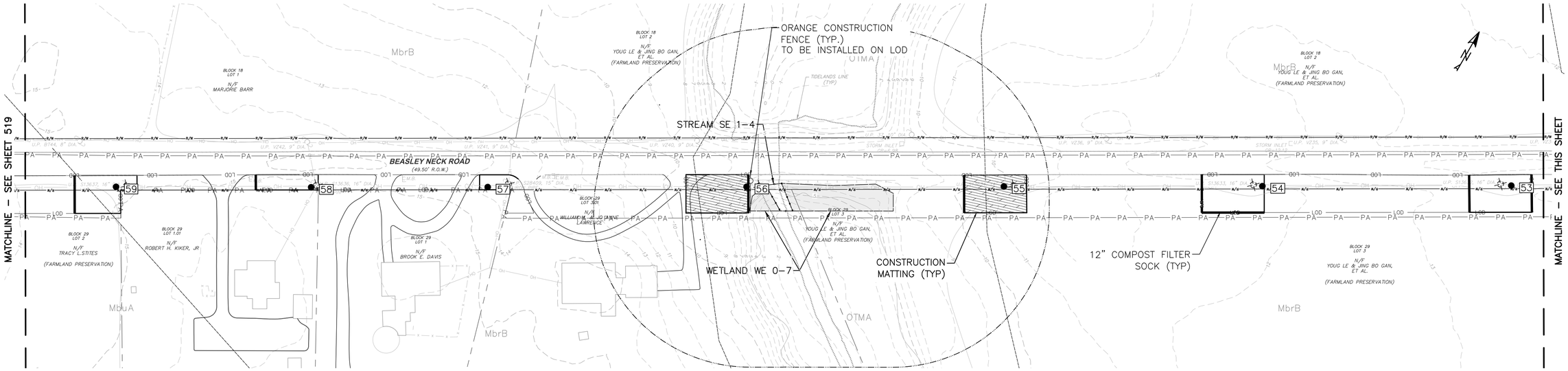
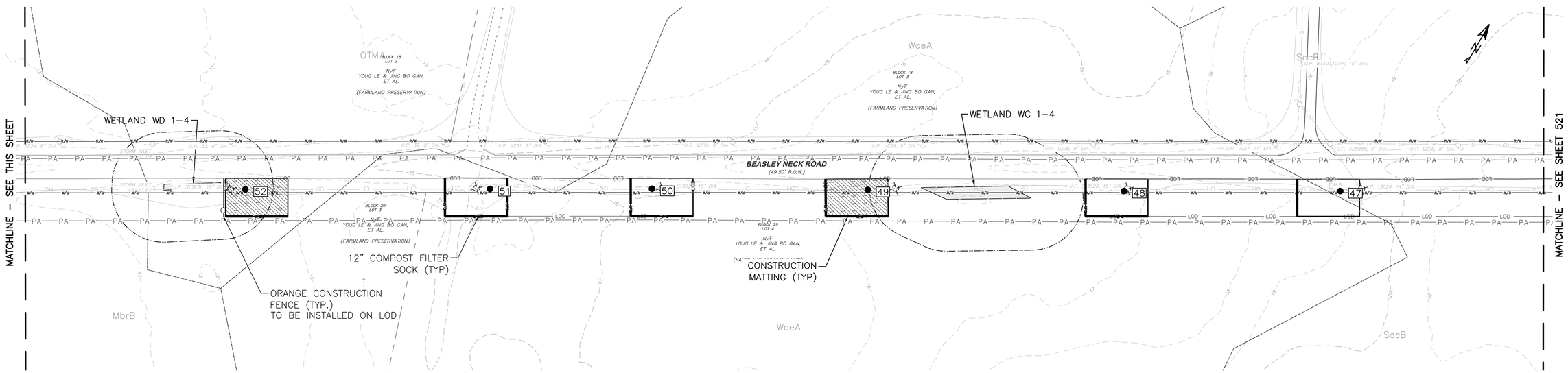
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–17
SHEET NO: 519
PAGE NO: 108 OF 116





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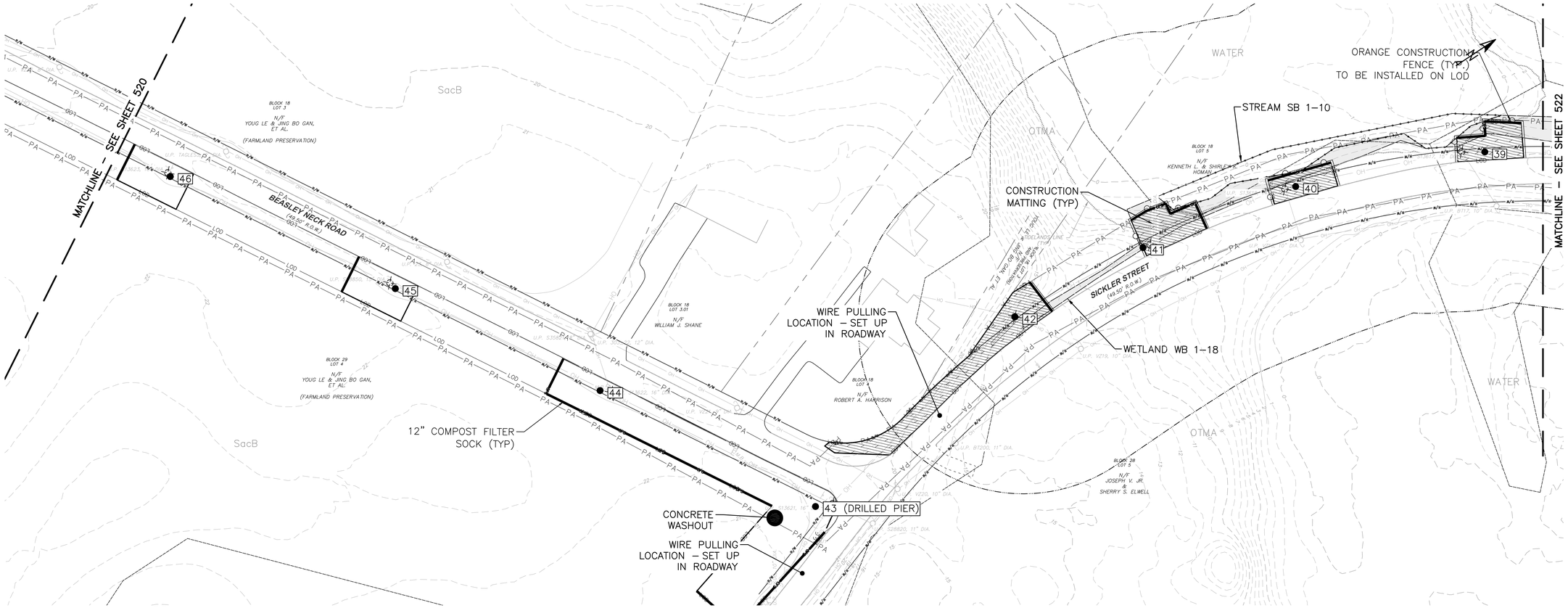
ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–18
SHEET NO: 520
PAGE NO: 109 OF 116



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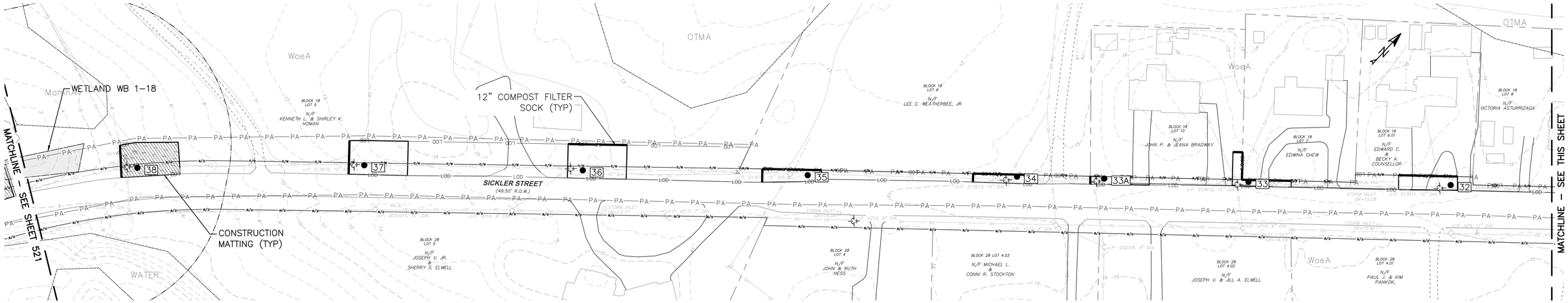
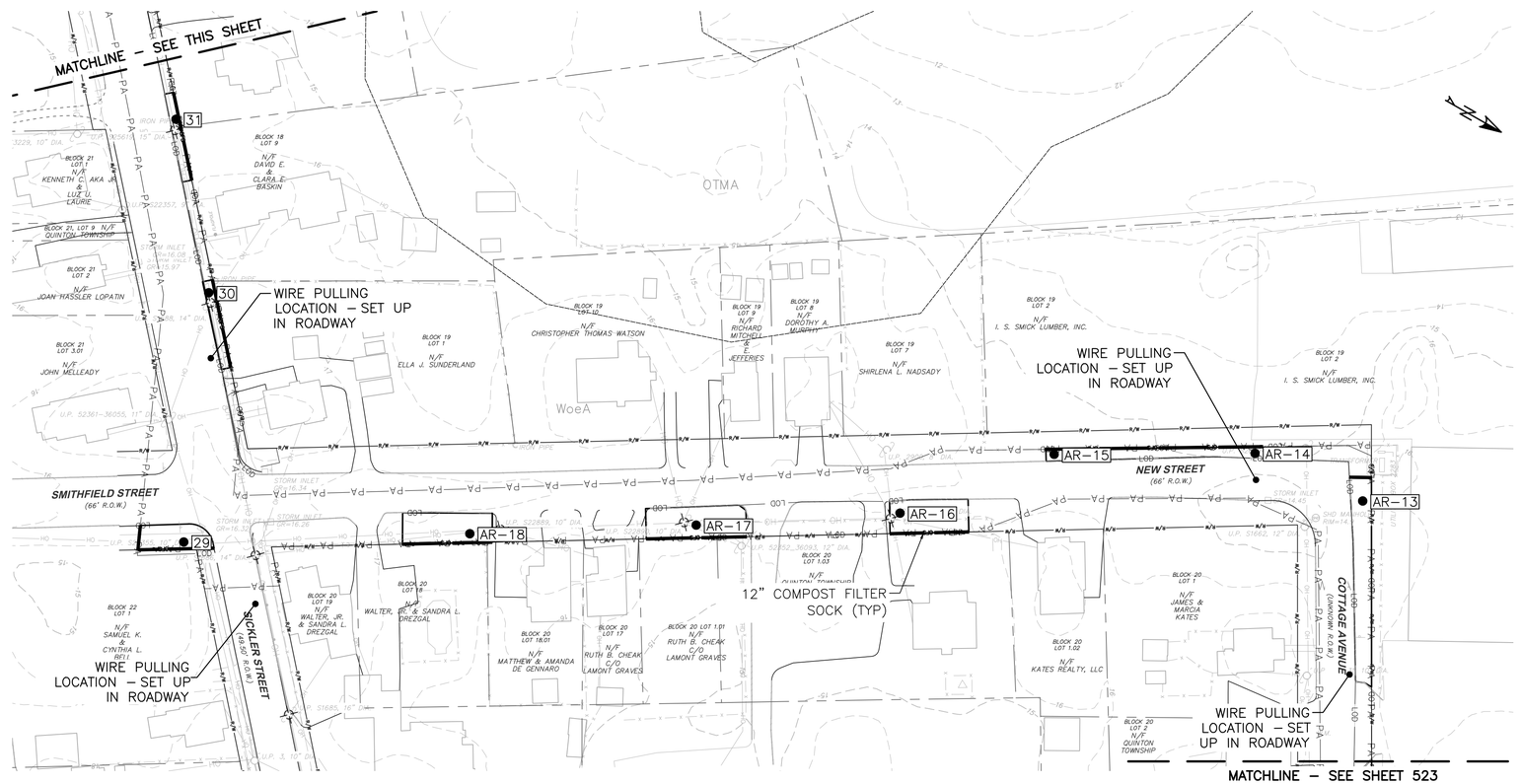
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–19
SHEET NO: 521
PAGE NO: 110 OF 116





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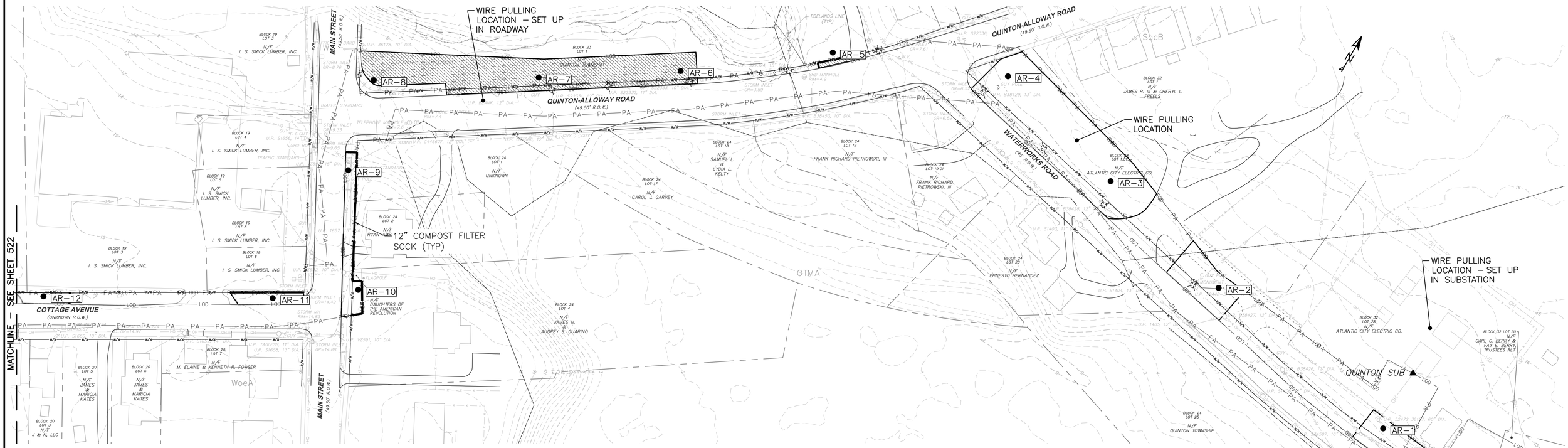
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–20
SHEET NO: 522
PAGE NO: 111 OF 116



LEGEND:

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SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 — 1" = 50'
SHEET NAME: SESC PLAN–21
SHEET NO: 523
PAGE NO: 112 OF 116

LEGEND:

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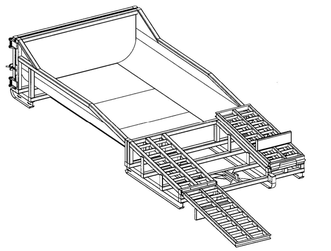
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE: 0 50 100 1" = 50'
SHEET NAME: SESC PLAN–22
SHEET NO: 524
PAGE NO: 113 OF 116



DESCRIPTION:
A PORTABLE, SELF–CONTAINED AND WATERTIGHT CONTAINER AFFIXED WITH RAMPS THAT CONTROLS, CAPTURES AND CONTAINS CAUSTIC CONCRETE WASTEWATER AND WASHOUT MATERIAL.

PURPOSE & OBJECTIVE:
ALLOWS TRADE PERSONNEL TO EASILY WASHOUT CONCRETE TRUCKS, PUMPS AND OTHER EQUIPMENT ASSOCIATED WITH CEMENT ON SITE AND ALLOWS EASY OFF SITE RECYCLING OF THE SAME CONCRETE MATERIALS AND WASTEWATER.

APPLICATION:
CONSTRUCTION PROJECTS WHERE CONCRETE, STUCCO, MORTAR, GROUT AND CEMENT ARE USED AS A CONSTRUCTION MATERIAL OR WHERE CEMENTITIOUS WASTEWATER IS CREATED.

MAINTENANCE:
1. INSPECT AND CLEAN OUT WHEN 3/4 FULL, NOT ALLOWING THE CONTAINER TO OVERFLOW.
2. INSPECT WASTEWATER LEVEL AND REQUEST A VACUUM IF NEEDED.
3. INSPECT SUBCONTRACTORS TO ENSURE THAT PROPER HOUSEKEEPING MEASURES ARE EMPLOYED WHEN WASHING OUT EQUIPMENT.

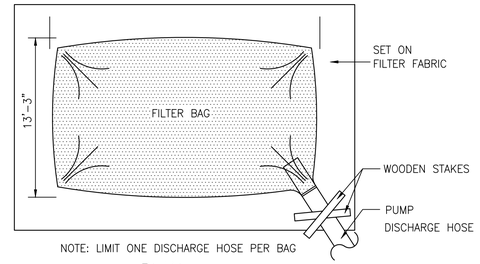
SPECIFICATIONS:
THE CONTAINER MUST BE PORTABLE AND TEMPORARY, WATERTIGHT, EQUIPPED WITH RAMPS AND HAVE A HOLDING CAPACITY TO ACCEPT WASHOUT FROM APPROXIMATELY 350 YARDS OF POURED CONCRETE. A VACUUM SERVICE MUST ACCOMPANY WASHOUT CONTAINER AND BE USED BY SITE SUPERINTENDENT AS NEEDED. A RAMPLESS CONTAINER MAY BE USED IN CONJUNCTION WITH A RAMPED CONTAINER OR BY ITSELF IF A CONCRETE PUMP IS NOT NEEDED. THE WASHWATER MUST BE DISPOSED OF OR TREATED AND RECYCLED IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL REGULATORY GUIDELINES.

TARGETED POLLUTANTS:
1. CAUSTIC WASTEWATER (HIGH PH LEVEL NEAR 12 UNITS)
2. SUSPENDED SOLIDS
3. ASSORTED METALS; CHROMIUM VI, NICKEL, SULFATE, POTASSIUM, MAGNESIUM AND CALCIUM COMPOUNDS

NOTES:
1. CONCRETE WASHOUT ONSITE IS PROHIBITED OUTSIDE OF DESIGNATED AREAS.
2. WASHOUT ACTIVITIES INCLUDE, BUT ARE NOT LIMITED TO, THE WASHING OF TRUCKS, CHUTES, HOSES, MIXERS, HOPPERS AND TOOLS.
3. DESIGNATED WASHOUT AREAS SHALL BE SEALED UNITS OR LINED WITH 10 MIL PLASTIC SHEETING AND BERMED TO PREVENT LOSS OF MATERIAL.
4. WASHOUT FACILITIES SHALL NOT BE LOCATED WITHIN 150 FEET OF ANY STORM DRAIN INLET, GUTTER, OPEN DITCH OR WATERCOURSE.
5. APPROPRIATE ACCESS TO WASHOUT FACILITIES SHALL BE PROVIDED AT ALL TIMES.
6. WASHOUT AREAS SHALL BE INSPECTED DAILY FOR LEAKS OR TEARS IF PLASTIC IS USED.
7. WASHOUT AREAS SHALL BE CLEANED OR REPLACED WHEN 75% FULL.
8. HARDENED CONCRETE FROM WASHOUT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
9. THE WASHOUT AREA SHALL BE CLEARLY DESIGNATED WITH A SIGN INDICATING THE AREAS USES.

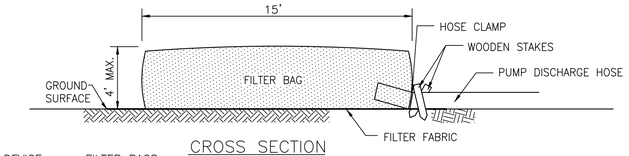
PORTABLE CONCRETE WASHOUT CONTAINER

N.T.S.



NOTE: LIMIT ONE DISCHARGE HOSE PER BAG

PLAN



CROSS SECTION

DEVICE: FILTER BAGS

APPLICATION: DEWATERING USED TO FILTER ALL PUMP DISCHARGES.

DESCRIPTION:
FILTER BAGS WILL BE USED AS AN EFFECTIVE FILTER MEDIUM TO CONTAIN SAND, SILT AND FINES WHEN DEWATERING. THE WETLAND FILTER BAG CONTAINS THESE MATERIALS WHILE ALLOWING THE WATER TO FLOW THROUGH THE FABRIC.

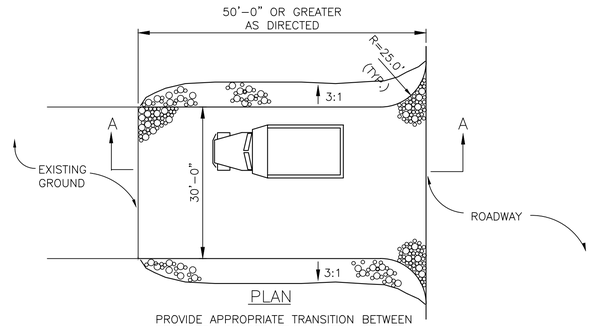
INSTALLATION:
TO ENSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A SMALL HOLE IN THE CORNER OF THE BAG, INSERTING THE PUMP DISCHARGE HOSE, AND THEN SECURING THE DISCHARGE HOSE TO THE BAG WITH A NOSE CLAMP. FILTER BAGS WILL BE PLACED AS FAR AWAY FROM FLOWING STREAMS AND WETLANDS AS POSSIBLE.

MAINTENANCE:
PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL STOP TO AVOID RUPTURE. FILTER BAGS USED DURING CONSTRUCTION WILL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

SPECIFICATIONS:
FILTER BAGS ARE CONSTRUCTED OF NON–WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG. BAG CAPACITY WILL NOT BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENCIRCLED WITH A HAY BALE OR SILT FENCE. HOSE CLAMPS WILL BE USED TO SECURE THE DISCHARGE HOSE, WIRE OR STRING WILL NOT BE USED.

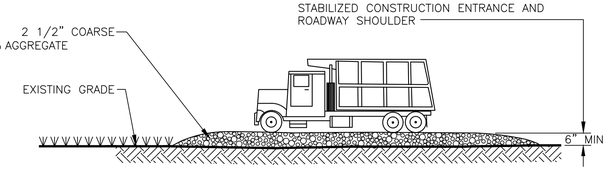
DEWATERING FILTER BAG DETAIL

N.T.S.



PLAN

PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND ROADWAY SHOULDER



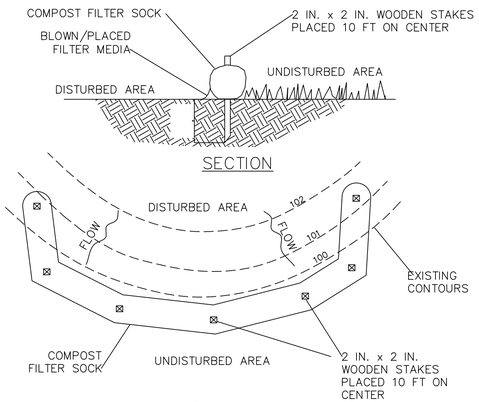
SECTION A–A

PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COURSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT	100 FT
2 TO 5%	100 FT	200 FT
> 5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE	

MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY ALL SEDIMENT DEPOSIT ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



PLAN VIEW

NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF THE NJ DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF THE NJ DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

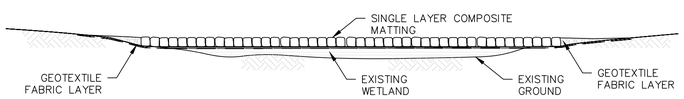
COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

COMPOST FILTER SOCK

N.T.S.



CONSTRUCT ROADS AND PADS BY STACKING ADDITIONAL MATS AS NEEDED TO REDUCE THE SLOPE OF THE PAD SURFACE TO ALLOW SAFE OPERATION OF CONSTRUCTION EQUIPMENT.

INSPECT MAT ROADS ON A DAILY BASIS. REPAIR DAMAGED MATS BEFORE ANY SUBSEQUENT USE.

REMOVE THE TEMPORARY ROAD AND/OR PAD AS SOON AS IT IS NO LONGER NEEDED.

IF FLOWING WATER IS PRESENT MATS SHALL BE STACKED WITH GAPS BETWEEN LOWER LAYERS TO ALLOW CONTINUOUS FLOW OF WATER THROUGH MATTED SECTION OF ACCESS

TYPICAL TEMPORARY CONSTRUCTION MAT ROAD & CONSTRUCTION PAD PLAN

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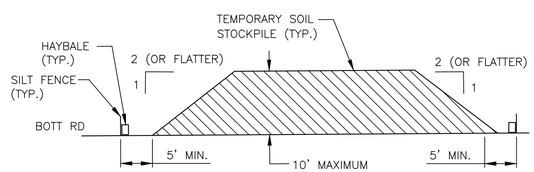

TEMPORARY SOIL STOCKPILE

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SEAL: STATE OF NEW JERSEY — AMANDA NGOV — No. GE58310 — LICENSED PROFESSIONAL ENGINEER

AMANDA L. NGOV
N.J. PROFESSIONAL ENGINEER
N.J. P.E. LIC. NO. 24GE05831000

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DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: SESC DETAILS–1
SHEET NO: 525
PAGE NO: 114 OF 116

PERMANENT SOIL STABILIZATION MATTING

1. PERMANENT SOIL STABILIZATION MATTING MUST BE INSTALLED IN ACCORDANCE WITH THE STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
2. PERMANENT SOIL STABILIZATION MATTING IS TO BE A MACHINE–PRODUCED, 3–DIMENSIONAL MATRIX OF UV STABILIZED, PRE– OR POST–CONSUMER, NON–DEGRADABLE SYNTHETIC FIBERS, FILAMENTS, NETTINGS, AND/OR WIRE MESH DESIGNED FOR PERMANENT AND CRITICAL HYDRAULIC APPLICATIONS WHERE DESIGN DISCHARGE VELOCITIES AND SHEAR STRESSES EXCEED THE LIMITS OF MATURE, NATURAL VEGETATION.
3. ENSURE THAT THE PERMANENT SOIL STABILIZATION MATTING PROVIDES SUFFICIENT THICKNESS, STRENGTH AND VOID SPACE TO ALLOW SOIL FILLING OR RETENTION AND THE DEVELOPMENT OF VEGETATION WITHIN THE MATRIX.
4. ENSURE THAT THE PERMANENT SOIL STABILIZATION MATTING CONFORMS TO THE PROPERTY VALUES SPECIFIED IN THE FOLLOWING TABLE.

REQUIREMENTS FOR PERMANENT SOIL STABILIZATION MATTING		
PROPERTY	TEST METHOD	MINIMUM REQUIREMENT
THICKNESS	ASTM D 6525	0.25 IN.
PERFORMANCE @ SHEAR STRESS OF 10.0 LB/FT	ASTM D 6460	ACCEPTABLE
BREAKING FORCE	ASTM D 6818	175 LB/FT
UV STABILITY @ 500 HOURS	ASTM D 4355	80%

SEEDING AND MULCHING SPECIFICATIONS

TEMPORARY SEEDING

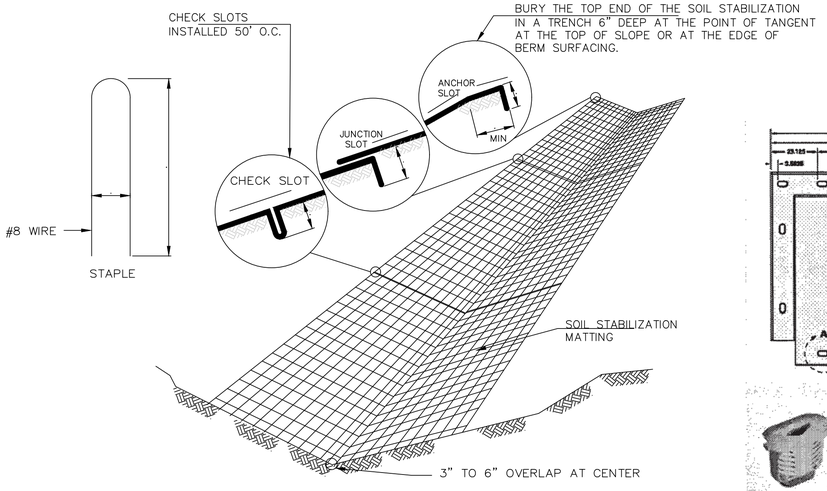
PREPARATION:	FERTILIZER (10:20:10) @ 11 LBS./1000S.F. LIME @ 90 LBS./1000 S.F.
SEED MIX: (2/15–5/1 & 8/15–10/15)	PERENNIAL RYEGRASS @ 1.0 LBS/1000 S.F.
SEED MIX: (5/1–9/1)	PEARL MILLET @ 0.5 lbs/ 1000 S.F.

PERMANENT SEEDING

PREPARATION:	FERTILIZER (10:20:10) @ 11 LBS./1000S.F. LIME @ 90 LBS./1000 S.F.
SEED MIX: (2/1–4/30 & 5/1–8/14 & 8/15–11/30)	STRONG CREEPING RED FESCUE @ 1.4 LB./1000 S.F. KENTUCKY BLUEGRASS @ 0.92 LB./1000 S.F. PERENNIAL RYEGRASS @ 0.25 LB./1000 S.F.
MULCHING:	REQUIRED ON ALL DISTURBED AREAS.
MULCH:	TACKED WITH LATEX BINDER @ 0.04 GAL./SQ. YD SALT HAY OR SMALL GRAIN STRAW @ 70–90 LBS./1000 S.F.

TOPSOILING NOTES

1. TOPSOIL REQUIRED:
   MIN. DEPTH: 5" (UNSETTLED)
   pH: 6.0 TO 8.0
   ORGANIC MATERIAL CONTENT: 2.75% MIN.
   NITRATE N2: 50 LBS/ACRE (50% WATER INSOLUBLE)
   PHOSPHOROUS: 100 LBS/ACRE
   POTASSIUM: 50 LBS/ACRE
2. THE CONTRACTOR SHOULD BE AWARE OF THE POSSIBILITY, DEPENDING UPON THE SITE CONDITIONS, THAT ALL TOPSOIL MAY HAVE TO BE PROVIDED FROM AN OFF–SITE SOURCE.
3. TOPSOIL SHOULD BE HANDLED ONLY WHEN DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE.
4. APPLY A UNIFORM 5 INCHES (UNSETTLED) OF TOPSOIL ON ALL DISTURBED AREAS. SOILS WITH A pH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM DEPTH OF 12 INCHES OF SOIL HAVING A pH OF 5.0 OR MORE AND THE TOP 5 INCHES SHALL CONFORM TO THE TOPSOIL STANDARD AND SHALL BE LIMED IN ACCORDANCE WITH THE STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
5. IF THE TOPSOIL BECOMES COMPACTED, THE SURFACE MUST BE SCARIFIED 6" TO 12" TO PROVIDE GOOD SEED–TO–SOIL BOND.
6. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY COOPERATIVE EXTENSION. IF SOIL TESTING IS NOT FEASIBLE, FERTILIZER (10–20–10) WITH 50% WATER INSOLUBLE NITROGEN SHOULD BE APPLIED AT THE TYPICAL RATE OF 500 LBS/ACRE OR 11 LBS/1,000 SQUARE FEET.



TYPICAL INSTALLATION METHOD FOR SOIL STABILIZATION MATTING

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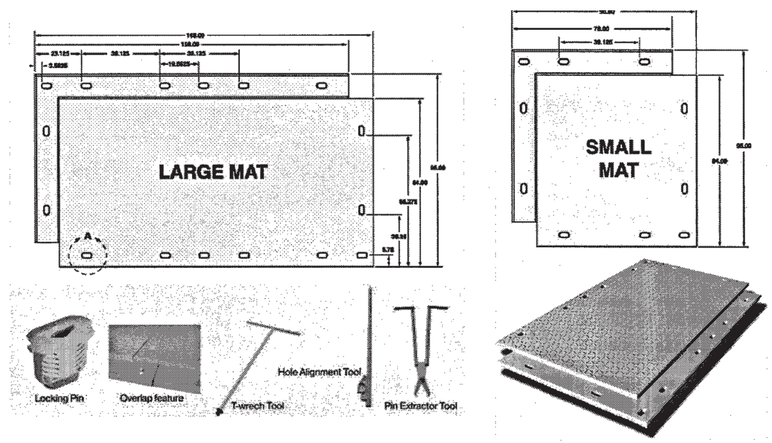

GENERAL SPECIFICATIONS

Large Mat
- Overall Dimensions 8' x 14' x 4 1/4" (2.44m x 4.27m x 10.8cm)
- Surface Dimensions: 7' x 13' (2.13m x 3.96m)
- Weight: 1050 lbs. (477 kg)

Small Mat
- Overall Dimensions: 8' x 7'6" x 4 1/4" (2.44m x 2.29 x 10.8cm)
- Surface Dimensions 7' x 5'6" (2.13 x 1.98m)
- Weight: 550 lbs. (250 kg)
- Primary material (both sizes): High Density Polyethylene
- Coefficient of Friction (neoprene on wet mat): 0.6

All measurements and weights are nominal.

Each mat is equipped with a lip on two sides that creates an overlapping joint with an adjoining DURA–BASE mat. Each mat is also equipped with 16 slots (10 for small mat) into which the locking pins are inserted and engaged in order to fasten multiple mats together.

GENERAL NOTES

Construction traffic in wetland areas to use DURA–BASE Composite Mat System to protect vegetation.

Supplier Contact Information:
Newpark Mats & Integrated Services
2900 Highway 93
Carencro, LA 70520
(337) 896–8976

1–877–MAT–ROAD
www.newparkmats.com

Installation: Contractor to follow installation procedures and requirements from product supplier.

WETLAND MATTING DETAIL

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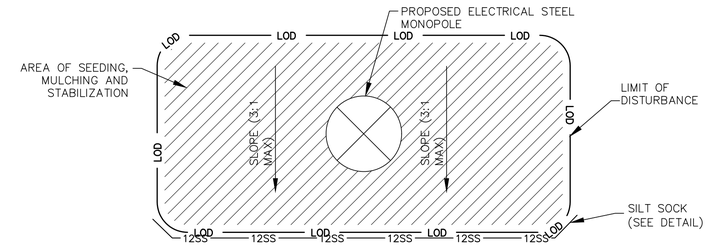
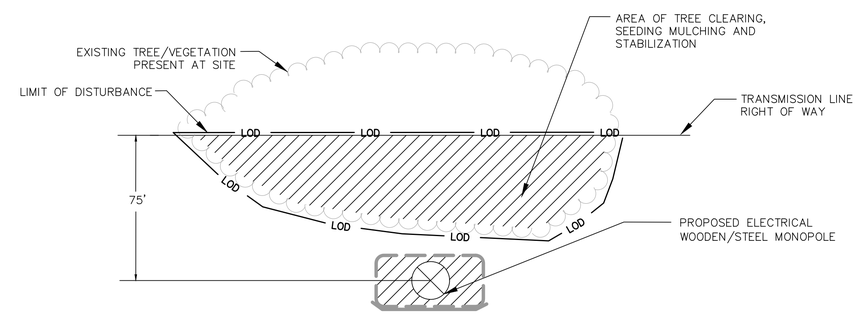


NOTES:
1. FOR STEEL MONOPOLE STRUCTURES WITH DISTURBANCES WHICH MAY INCLUDE RE–GRADING, LEVELING AND/OR CUT SLOPES. DISTURBED AREA SHOULD BE RE–GRADED TO ORIGINAL GRADE UPON COMPLETION OF TOWER WORK.
2. SEEDING, MULCHING AND STABILIZATION MUST BE APPLIED AS PER COUNTY SOIL CONSERVATION DISTRICT AND NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL GUIDELINES.
3. SEDIMENT BARRIER SHOULD BE INSTALLED DOWN–SLOPE FROM THE DISTURBED AREA AS SHOWN ON THE STANDARD SEDIMENT BARRIER DETAIL.
4. TOPSOIL LAYER OF 5" SHALL BE APPLIED PRIOR TO SEEDING.
5. TOPSOIL SHALL BE STRIPPED, STOCKPILED, AND RE–SPREAD UPON POLE INSTALLATION.

TYPICAL STEEL MONOPOLE EROSION AND SEDIMENT CONTROL DETAIL

N.T.S.



NOTES:
1. LIMITS OF TREE CLEARING AREA WILL VARY FROM 20' – 25' FROM THE CENTER LINE OF PROPOSED TRANSMISSION LINE ALIGNMENT WHICH IS DEFINED AS TRANSMISSION LINE RIGHT OF WAY.
2. TREE CLEARING WITHIN REGULATED AREAS WETLAND AND FLOOD HAZARD AREAS, WILL ONLY BE CLEARED WITHIN 20' FROM THE CENTERLINE OF THE PROPOSED TRANSMISSION LINE
3. TREES SHOULD BE CUT FLUSH TO THE EXISTING GROUND ELEVATIONS AND TREE STUMPS SHOULD NOT BE REMOVED FROM THE GROUND.
4. SEEDING, MULCHING AND STABILIZATION MUST BE APPLIED AS PER COUNTY SOIL CONSERVATION DISTRICT AND NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL GUIDELINES TO TREE CLEARING AND ALL OTHER DISTURBED AREAS.

TYPICAL TREE CLEARING AREA DETAIL

N.T.S.

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SEAL: STATE OF NEW JERSEY AMANDA L. NGOV No. GE58310 LICENSED PROFESSIONAL ENGINEER
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DESIGNED: PT
DRAFTED: PT
APPROVED: AN
DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: SESC DETAILS–2
SHEET NO: 526
PAGE NO: 115 OF 116

TREE PROTECTION DURING CONSTRUCTION

DEFINITION
THE PROTECTION OF TREES FROM ENVIRONMENTAL AND MECHANICAL INJURY DURING CONSTRUCTION ACTIVITIES.

PURPOSE
TO PROTECT TREES FOR EROSION AND SEDIMENT CONTROL, SHADE, AESTHETICS, WILDLIFE, DUST CONTROL, NOISE ABATEMENT, AND OXYGEN PRODUCTION.

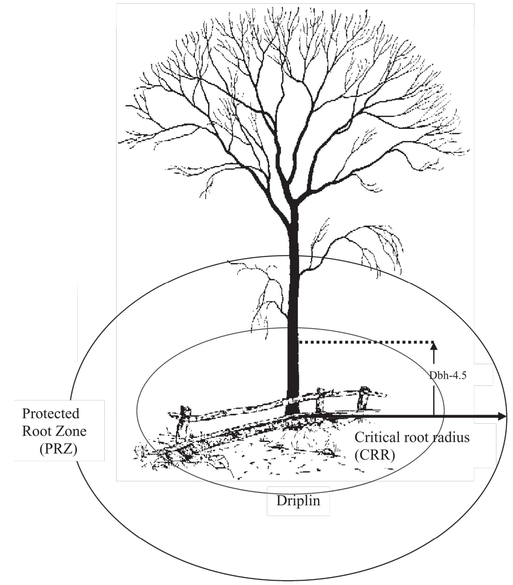
WATER QUALITY ENHANCEMENT
LIMITING AREAS OF SITE DISTURBANCE AND RE–VEGETATING WITH PERMANENT COVER, MINIMIZES OFF SITE AND NEGATIVE DOWNSTREAM WATER QUALITY IMPACTS CAUSED BY STORMWATER RUNOFF. MATURE TREES PROVIDE STRUCTURAL STABILITY FOR SOILS, PROMOTE PROPER WATER MOVEMENT THROUGH THE SOIL PROFILE AND MODERATE CHANGES IN TEMPERATURE ALONG STREAMS AND OTHER WATER BODIES.

WHERE APPLICABLE
ON NEW DEVELOPMENT SITES WITH EXISTING TREES.

METHODS AND MATERIALS

1. RECONNAISSANCE SHOULD BE PERFORMED BEFORE LAND CLEARING BEGINS TO IDENTIFY DEAD AND WEAK TREES TO BE REMOVED AND HEALTHY TREES TO REMAIN, TO CREATE AESTHETICALLY PLEASING DEVELOPMENT SITE WITH VEGETATION RATHER THAN THE PRESENCE OF DEAD OR DYING TREES. INVENTORY THE SITE AND CLEARLY MARK THE TREES AND STANDS OF TREES TO BE SAVED. CONSIDER RELOCATING STREETS, HOUSES, OR OTHER STRUCTURES IF NECESSARY AND FEASIBLE. ONCE CLEARING BEGINS AND DAMAGE TO THE TREES OCCURS, VALUABLE SPECIMENS MAY BE LOST.
   A. CHARACTERISTICS OF TREES TO BE PROTECTED AND SAVED. THE FOLLOWING LISTS CHARACTERISTICS THAT SHOULD BE EVALUATED BEFORE DECIDING TO REMOVE OR PROTECT A TREE.
      1) TREE VIGOR
         TREE HEALTH IS THE OVERALL CONDITION OF THE TREE. A TREE OF LOW VIGOR IS MORE SUSCEPTIBLE TO DAMAGE BY ENVIRONMENTAL CHANGES THAN HEALTHY TREES AND IS MORE SUSCEPTIBLE TO INSECT AND DISEASE ATTACKS. INDICATIONS OF POOR VIGOR INCLUDE THE DYING OF THE TIPS OF BRANCHES AND ENTIRE LIMBS, SMALL ANNUAL TWIG GROWTH, STUNTED LEAF SIZE, SPARSE FOLIAGE, AND POOR FOLIAGE COLOR. AVOID SAVING HOLLOW OR ROTTEN TREES, TREES CRACKED, SPLIT, LEANING OR CROOKED, OOZING SAP, OR WITH BROKEN TOPS. USE WOODCHIPS GENERATED FROM REMOVAL OF TREES OF POOR HEALTH AND SPREAD THEM AROUND THE ROOT ZONES TO HELP PROTECT THE TREES THAT REMAIN.
      2) TREE AGE
         LARGE, PICTURESQUE TREES MAY BE MORE AESTHETICALLY VALUABLE THAN SMALLER, YOUNG TREES, BUT ALSO REQUIRE MORE EXTENSIVE PROTECTION MEASURES. IF LEAVING AN OLDER TREE, BE SURE IT IS SOUND AND HEALTHY.
      3) SPECIES (THE RIGHT TREES FOR THE RIGHT LOCATIONS)
         MANY SPECIES OF TREES FOUND IN NEW JERSEY WOODLANDS ARE NOT SUITABLE FOR SHADE TREE USES AROUND BUILDINGS. AVOID PROTECTING TREES THAT ARE SHORT–LIVED, BRITTLE, HAVE SOFT WOOD, MESSY LEAVES, FRUIT, OR ARE FREQUENTLY ATTACKED BY INSECTS AND DISEASE. TREE ROOT SYSTEMS
         WHICH DO NOT ADAPT WELL TO CUTS AND FILLS MAY NOT BE A SUITABLE ALTERNATIVE. THE FOLLOWING ARE SEVERELY AFFECTED BY COMPACTED CONSTRUCTION FILLS: ASPEN, BEECH, PAPER BIRCH, EASTERN RED CEDAR, BLACK CHERRY, DOGWOOD, KATSURA TREE, LINDEN, PAPERBARK MAPLE, SUGAR MAPLE, BLACK OAK, PIN OAK, RED OAK, WHITE OAK, PINES, AND TULIPTREE. SEE TABLE 9–1 FOR A MORE COMPLETE LIST OF CONSTRUCTION IMPACTS TO INDIVIDUAL TREE SPECIES.
      4) RESISTANT TO INSECTS AND DISEASES
         AVOID LEAVING TREES IN HIGHLY VISIBLE AREAS OR SPECIMENS THAT ARE FREQUENT TARGETS OF INSECTS AND DISEASES. AMERICAN ELM, FOR EXAMPLE, COULD BE LOST DUE TO DUTCH ELM DISEASE. WILD CHERRY, ANOTHER EXAMPLE, IS A FAVORITE HOST OF THE TENT CATERPILLAR, WHICH CAUSES DEFOLIATION OF THE TREES IN EARLY SUMMER. THE FOLLOWING ARE SUSCEPTIBLE TO INSECTS (I) AND DISEASE (D): WHITE ASH(D), BIRCH (I), BUTTERNUT (D), CRABAPPLES (D), SOME ELMS (D), HAWTHORN (D), HEMLOCK (I), LINDEN (I), SUGAR MAPLE (D), MOUNTAIN ASH (D), SASSAFRAS (I), SCHOLARTREE (D), REDBUD (D)
      5) TREE AESTHETICS
         CHOOSE TREES THAT ARE AESTHETICALLY PLEASING, EXHIBITING GOOD SHAPE AND FORM. AVOID LEANING, CROOKED, AND MISSHAPEN TREES. OCCASIONALLY, AN ODD–SHAPED TREE OR ONE OF UNUSUAL FORM MAY ADD INTEREST TO THE LANDSCAPE IF STRATEGICALLY LOCATED. BE SURE THE TREE IS STRUCTURALLY SOUND AND VIGOROUS.
      6) SPRING AND AUTUMN COLORATION
         SPECIES DIFFER IN FALL COLOR. SOME ARE BRIGHT RED, OTHERS ORANGE AND YELLOW. OTHER SPECIES EXHIBIT NO AUTUMN COLOR, SUCH AS WALNUT, LOCUST, AND SYCAMORE.
      7) WILDLIFE BENEFITS
         FAVOR TREES THAT ARE PREFERRED BY WILDLIFE FOR FOOD, COVER, AND NESTING. A MIXTURE OF EVERGREENS AND HARDWOODS IS BENEFICIAL. EVERGREEN TREES ARE IMPORTANT FOR COVER DURING THE WINTER MONTHS. THE HARDWOODS ARE MORE VALUABLE FOR FOOD.
      8) AIR POLLUTION SUSCEPTIBILITY
         TREE SPECIES VARY GREATLY TO SUSCEPTIBILITY TO AIR POLLUTION. SYMPTOMS VARY FROM BROWNING ON THE EDGES OF THE LEAVES AND NEEDLES, TO STUNTING OF GROWTH, TO DEATH OF THE TREE. THE FOLLOWING SHOW TOLERANCE TO URBAN STRESS AND ARE LESS LIKELY TO PRESENT PROBLEMS WITH SIDEWALKS: BALDCYPRESS, CORKTREE, AMUR MAPLE, KENTUCKY COFFEE TREE, CRABAPPLE, DAWN REDWOOD, GINKGO (MALE), GOLDENRAINTREE, HACKBERRY, HAWTHORN, HONEYLOCUST, EUROPEAN HORNBEAM, HORSECHESTNUT, LINDENS, OAKS (EXCLUDING PIN), PEAR, SCHOLARTREE, SOURGUM (TUPELO), SWEETGUM, YEWS, ZELKOVA.
      9) SPECIES LONGEVITY
         FAVOR TREES WHOSE LIFE SPAN IS LONG, SUCH AS OAK, BEECH, AND TULIP POPLAR. SHORT–LIVED TREES; (BLACK LOCUST, GRAY BIRCH, ASPEN) SHOULD BE AVOIDED FOR USE AS SHADE, LAWN OR SPECIMEN TREES. ALTHOUGH SOME SHORT–LIVED TREES HAVE AN ATTRACTIVE FORM OR PLEASING COLORATION IN THE SPRING OR FALL, SUCH TREES MAY NOT LIVE FOR A LONG TIME AND THUS MAY NOT BE WORTH PRESERVING.
   B. CRITERIA FOR PROTECTING REMAINING TREES:
      1) GENERAL MECHANICAL DAMAGE – SEE FIGURE 9.3 FOR CORRECT ROOT ZONE CALCULATION AND PLACEMENT OF TREE PROTECTION.
      2) BOX TREES WITHIN 25 FEET OF A BUILDING SITE TO PREVENT MECHANICAL INJURY. FENCING OR OTHER BARRIER SHOULD BE INSTALLED BEYOND THE CRITICAL ROOT RADIUS SEE FIGURE 9.3. TREE ROOT SYSTEMS COMMONLY EXTEND WELL BEYOND THE DRIP LINE.
      3) BOARDS WILL NOT BE NAILED TO TREES DURING BUILDING OPERATIONS.
      4) FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA INSIDE THE PROTECTED ROOT ZONE (PRZ).
      5) DAMAGED TRUNKS OR EXPOSED ROOTS SHOULD HAVE DAMAGED BARK REMOVED IMMEDIATELY AND NO PAINT SHALL BE APPLIED. EXPOSED ROOTS SHOULD BE COVERED WITH TOPSOIL IMMEDIATELY AFTER EXCAVATION IS COMPLETE. ROOTS SHALL BE PRUNED TO GIVE A CLEAN, SHARP SURFACE AMENABLE TO HEALING. ROOTS EXPOSED DURING HOT WEATHER SHOULD BE IRRIGATED TO PREVENT PERMANENT TREE INJURY. CARE FOR SERIOUS INJURY SHOULD BE PRESCRIBED BY A PROFESSIONAL FORESTER OR LICENSED TREE EXPERT.
      6) TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE AS NATURAL TARGET PRUNING TO REMOVE THE DESIRED BRANCH AS CLOSE AS POSSIBLE TO THE BRANCH COLLAR. THERE SHOULD BE NO FLUSH CUTS. FLUSH CUTS DESTROY A MAJOR DEFENSE SYSTEM OF THE TREE. SEE FIGURE 9–1. NO TREE PAINT SHALL BE APPLIED. ALL CUTS SHALL BE MADE AT THE OUTSIDE EDGE OF THE BRANCH COLLAR (FIG. 9–1 AND 9–2). CUTS MADE TOO FAR BEYOND THE BRANCH COLLAR MAY LEAD TO EXCESS SPROUTING, CRACKS AND ROT. REMOVAL OF A "V" CROTCH SHOULD BE CONSIDERED FOR FREE STANDING SPECIMEN TREES (SEE FIGURE 9–2) TO AVOID FUTURE SPLITTING DAMAGE.

NOTE: FOR MORE SPECIFIC DATA ON CERTAIN TREE CHARACTERISTICS BY SPECIES, SEE TABLE 9.1, TREE CHARACTERISTICS OR CONSULT WITH A LICENSED PROFESSIONAL TREE EXPERT, SOIL CONSERVATION DISTRICT OR RUTGERS COOPERATIVE EXTENSION.



ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR).

1. MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5 FEET ABOVE GROUND ON THE UPHILL SIDE OF TREE) IN INCHES.
2. MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.

   DBH X 1.5: CRITICAL ROOT RADIUS FOR OLDER, UNHEALTHY, OR SENSITIVE SPECIES.

   DBH X 1.0: CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY OR TOLERANT SPECIES.

TREE PROTECTION DETAIL

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SEAL: STATE OF NEW JERSEY · AMANDA NGOV · No. GE58310 · LICENSED PROFESSIONAL ENGINEER

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DESIGNED: PT
DRAFTED: PT
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DATE: MAY 2023

ATLANTIC CITY ELECTRIC COMPANY
QUINTON–WINDPORT TRANSMISSION
SALEM COUNTY, NJ

SOIL EROSION AND SEDIMENTATION CONTROL PLAN

PROJECT NO: LP2042450.036A
SCALE:
SHEET NAME: SESC DETAILS–3
SHEET NO: 527
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