

LOCKE AVENUE PARK DEVELOPMENT PHASE 1

RVE
1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
-ENGINEERING EXCELLENCE-

Jessica D. Hauber
DATE: 10-01-2024

JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

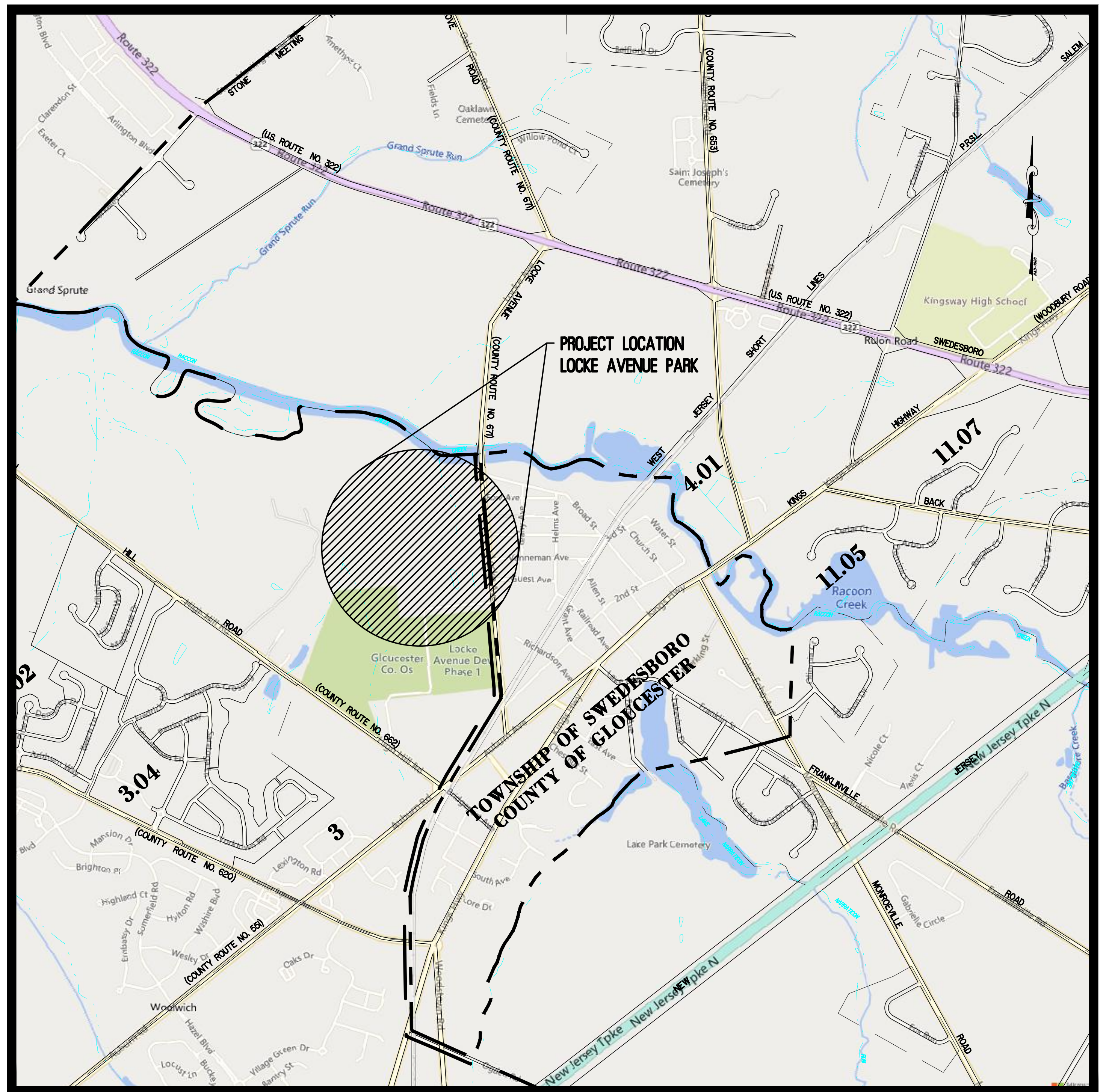
DATE: 10-01-2024

KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

PLANS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID.

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LIST OF UTILITIES AND EMERGENCY CONTACT INFORMATION	
FIRE DEPARTMENT:	WOOLWICH FIRE COMPANY 1517 KINGS HIGHWAY SWEDESBORO, NJ 08085 (856) 467-2195
POLICE DEPARTMENT:	WOOLWICH POLICE DEPARTMENT 120 VILLAGE GREEN DRIVE WOOLWICH, NJ 08085 (856) 467-1667, EXT. 1126
PUBLIC WORKS:	WOOLWICH TOWNSHIP 120 VILLAGE GREEN DRIVE WOOLWICH, NJ 08085 (856) 241-1132
SEWER:	SWEDESBORO SEWER DEPARTMENT 1500 KINGS HIGHWAY SWEDESBORO, NJ 08085 (856) 467-1540
WATER:	SWEDESBORO WATER DEPARTMENT 130 CHESTNUT STREET SWEDESBORO, NJ 08085 (856) 467-5157 ATTN: DIANE BRANCO, UTILITY CLERK
ELECTRIC:	ATLANTIC CITY ELECTRIC 428 ELLIS STREET GLASSBORO, NJ 08028 (856) 863-7906 ATTN: VINCE MAIONE
CABLE:	COMCAST 1454 KINGS HIGHWAY SWEDESBORO, NJ 08085 (856) 694-4600
GAS:	SOUTH JERSEY INDUSTRIES CO. 142 SOUTH MAIN STREET GLASSBORO, NJ 08028 (856) 881-7000, EXT. 6259 ATTN: JEREMIAH LIN
TELEPHONE:	VERIZON COMMUNICATIONS 10 TANSBORO ROAD BERLIN, NJ 08009



PROJECT LOCATION MAP
SCALE: 1" = 1000'

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20	SITE PLAN	E-6.1	ELECTRICAL SCHEDULES
21	SITE PLAN	R-1	SPORTS LIGHTING PHOTOMETRICS (FOR REFERENCE ONLY)
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THE ELECTRONIC VERSION OF THE 2019 NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EFFECTIVE SEPTEMBER 1, 2019, AS REFERENCED IN BASELINE DOCUMENT CHANGE ANNOUNCEMENT BDC19S-01, UNLESS MODIFIED WITHIN THE TECHNICAL SPECIFICATIONS OF THIS CONTRACT, SHALL GOVERN.

THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD ROADWAY CONSTRUCTION, TRAFFIC CONTROL, BRIDGE CONSTRUCTION DETAILS" BOOKLET DATED 2007 AND "ELECTRICAL BUREAU STANDARD DETAILS, 2007" AND ALL BASELINE DOCUMENT CHANGES MADE TO THESE CONSTRUCTION DETAILS, SHALL GOVERN, EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

WOOLWICH TOWNSHIP GLOUCESTER COUNTY, NEW JERSEY

JANUARY, 2025

New Jersey One Call
CALL BEFORE YOU DIG
811 or 1-800-272-1000
IT'S THE LAW

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NJ ONE CALL PRIOR TO THE START OF CONSTRUCTION. CALL FOR MARKOUTS THREE (3) FULL BUSINESS DAYS IN ADVANCE AND BEGIN EXCAVATION WITHIN 10 DAYS. ALL CONTRACTORS ON-SITE MUST HAVE THEIR OWN MARKOUT.

NO.	REVISION	DATE	BY	CHK
3	PER NJDEP COMMENTS	12/09/24	JH	JH
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

TITLE SHEET

WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH
GLOUCESTER COUNTY
NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23	SHEET No.:	1 of 53
JOB No.:	08241082		

GENERAL NOTES:

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF THE CONSTRUCTION...
2. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION...
3. THE CONTRACTOR SHALL USE EXCAVATED MATERIALS FOR BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER...
4. ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION...
5. ALL GRASSED OR WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE TOPSOILED AND SEEDED...
6. ALL FILL SHALL BE PLACED IN 12" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER...
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF THE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION...
8. APPROXIMATE DEPTH OF ALL WATER MAIN IS ± 4 FEET...
9. APPROXIMATE DEPTH OF ALL GAS MAIN IS ± 3 FEET...
10. ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN ACCORDANCE WITH N.J.D.O.T. STANDARDS AS DETAILED IN:
- "STANDARD ROADWAY CONSTRUCTION/TRAFFIC CONTROL/BRIDGE CONSTRUCTION DETAILS."
- "ELECTRICAL BUREAU STANDARD DETAILS: 2001."
INCLUDING ALL APPLICABLE BASELINE DOCUMENT CHANGES AND APPENDICES. THESE DETAILS MAY BE PURCHASED THROUGH THE N.J.D.O.T. PLANS AND SPECIFICATION CENTER AT:
1035 PARKWAY AVENUE,
TRENTON, NEW JERSEY
08625-0600
(TELEPHONE: 1-609-530-2098)
12. SEPARATE PAYMENT WILL NOT BE MADE FOR SAW CUTTING OF ANY KIND, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL...
13. PAYMENT FOR JOINT MATERIAL FOR ALL CONCRETE WORK WILL NOT BE MEASURED BUT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL...
14. ALL GRASS AND WOODED AREAS DISTURBED DURING CONSTRUCTION SHALL BE BACKFILLED AS DIRECTED...
15. THE NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION ALONG WITH THE 2010 STATE AID SUPPLEMENTAL SPECIFICATION AS MODIFIED SHALL GOVERN THIS PROJECT...
16. ALL UNUSED MATERIAL EXCAVATED FROM THE PROJECT SITE ARE TO BE DISPOSED OF AT AN APPROVED FACILITY...
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED IN THE PLANS AND SPECIFICATIONS. ALL COSTS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR 'SOIL EROSION AND SEDIMENT CONTROL'...
18. THE CONTRACTOR MUST OBTAIN AND PAY FOR COUNTY ROAD OPENING PERMIT FOR WORK WITHIN THE COUNTY RIGHT-OF-WAY ALL COSTS ASSOCIATED WITH PERMIT ACQUISITION SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROPOSAL...
19. CONTRACTOR SHALL RESTORE ALL EXISTING FEATURES DISTURBED DURING CONSTRUCTION (I.E. MAILBOXES, IRRIGATION SYSTEMS, LANDSCAPING, ETC.). ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING SITE...
20. CONTRACTOR SHALL RESTORE OR RELOCATE ALL EXISTING SIGNAGE DISTURBED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER AND APPROVED BY THE OWNER. ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING SITE...
21. ALL UTILITY WORK SHALL BE CONSTRUCTED TO ALLOW UNINTERRUPTED SERVICE TO ADJACENT PROPERTIES...
22. THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING THE PAVED CARTWAY FREE AND CLEAR OF SEDIMENT EACH DAY THE WORK PROGRESSES AND AS OFTEN AS NECESSARY TO KEEP A CLEAN BROOM SWEEP CONDITION AND OR AS DIRECTED BY THE ENGINEER...
23. ALL UTILITY CROSSINGS/OFFSETS SHALL INCLUDE COMPACTED STABILIZATION MATERIAL FOR FULL LENGTH OF CROSSING...
24. SEPARATE PAYMENT WILL NOT BE MADE FOR EXCAVATION, DEWATERING, FITTINGS, PIPE BEDDING, SHEETING, BRACING, SHORING, INLET CONNECTIONS, TRAPS, AND SUITABLE BACKFILL MATERIAL INVOLVED IN ALL PIPE AND ASSOCIATED STRUCTURES REMOVAL, RECONSTRUCTION AND INSTALLATION, BUT THE COST SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL REGARDLESS OF DEPTH...
25. ALL PEDESTRIAN ACCESS TO SIDEWALKS AND STREETS, INCLUDING CROSSWALKS, CURB RAMP, STREET FURNISHINGS, PEDESTRIAN SIGNALS, PARKING AND OTHER COMPONENTS OF PEDESTRIAN ACCESS PROPOSED IN THE RIGHT-OF-WAY ARE TO BE IN ACCORDANCE WITH ADA & ABA ACCESSIBILITY GUIDELINES AND THE CURRENT PUBLIC RIGHTS-OF-WAY GUIDELINES PROPOSED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD (ACCESS BOARD)...
26. INLETS, AND ALL OTHER UTILITY ACCESS PANELS AND VAULTS, SHALL NOT BE LOCATED WITHIN PUBLIC SIDEWALK, CURB RAMPS, CURB RAMPS. CONTRACTOR SHALL ADJUST CURB RAMP LOCATIONS IN THE FIELD WITH THE APPROVAL OF THE ENGINEER TO ACCOMMODATE RECENT UTILITY RELOCATIONS...
27. PAYMENT FOR OBSTRUCTION REMOVAL SUCH AS TREE ROOTS AND EXISTING INFRASTRUCTURE WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION, SHALL BE INCLUDED IN THE ITEM "CLEARING SITE"...
28. AT ALL LIMITS OF PAVING (L.O.P.) THE CONTRACTOR SHALL SAWCUT, TACK COAT AND SEAL TO MATCH EXISTING PAVEMENT. SEPARATE MEASUREMENT AND PAYMENT FOR ALL THIS WORK SHALL NOT BE MADE AND ALL COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE BID...
29. ALL TREE REMOVALS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO REMOVAL. ALL TREE PLANTINGS ARE APPROXIMATE WITH FINAL LOCATIONS TO BE ESTABLISHED IN THE FIELD...
30. INLET SEDIMENT PROTECTION SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED INLETS AND CATCH BASINS SHOWN ON THE PLANS. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM COST FOR 'SOIL EROSION AND SEDIMENT CONTROL'...
31. THE PAY ITEM "EARTHWORK" IS DEFINED AS STRIPPING, GRADING, FILLING, CUTTING AND THE GENERAL MOVEMENT OF TOPSOIL AND/OR EARTH TO PROVIDE FOR THE FINAL GRADES AS SHOWN ON THE CONTRACT DRAWINGS...
32. SEPARATE PAYMENT WILL NOT BE MADE FOR BORROW EXCAVATION, BORROW TOPSOIL, OR EXCAVATION OF ANY KIND ASSOCIATED WITH THE PAY ITEM "EARTHWORK" BUT THE COST SHALL BE INCLUDED IN THE PRICE BID FOR "EARTHWORK"...
33. ALL SANITARY & STORM SEWER CONSTRUCTION SHALL COMPLY WITH THE CITY SEWER/WATER "DESIGN, CONSTRUCTION, INSPECTION AND TESTING MANUAL". COST ASSOCIATED WITH TESTING (INFILTRATION, EXFILTRATION, PIPE ALIGNMENT, TELEVISION) SHALL BE INCLUDED IN THE VARIOUS PIPE ITEMS OF THE PROPOSAL...
34. PRESSURE TESTING OF ALL SANITARY & STORM SEWER SEWERS (INCLUDING RCP) SHALL BE PERFORMED IN ACCORDANCE WITH CITY MANUAL. RCP SEWERS ABOVE 24 INCHES IN DIAMETER SHALL BE JOINT TESTED IN ACCORDANCE WITH ASTM...
35. ALL RCP SHALL BE LINED ON THE INTERIOR WITH A COAT OF TAR EPOXY SEAL COAT WITH A MINIMUM OF 4 MILS IN THICKNESS (DRY FILM THICKNESS)...
36. MANHOLE FRAMES AND COVERS ARE TO PROVIDE FOR A THIRTY-INCH CLEAR-OPENING AT THE COVER IN ORDER TO ALLOW EASIER ACCESS UNDER CONFINED SPACE ENTRY REQUIREMENTS. CAMPBELL FOUNDRY PATTERN NUMBER 1012B OR NJDOT APPROVED EQUAL...
37. ALL INLETS SHALL HAVE TRAPS SUITABLE FOR PREVENTING FLOATING DEBRIS FROM ENTERING THE SEWER LINE AND FOR CREATING AN EFFECTIVE WATER SEAL...
38. ALL NEW MANHOLES AND INLETS SHALL HAVE AN EXTERIOR COATING OF CARBOLINE COAL TAR EPOXY 300ML, OR APPROVED EQUAL, TWO COATS. EACH MANHOLE BASE SHALL BE PROVIDED WITH CIRCULAR OPENINGS AT THE REQUIRED LOCATIONS AND ELEVATIONS FOR THE PROPER CONNECTION OF ALL PIPES. THE FLEXIBLE CONNECTIONS SHALL BE A-LOK FLEXIBLE CONNECTOR BY A-LOK PRODUCTS, OR APPROVED EQUAL...
39. EACH INLET BOX SHALL BE PROVIDED WITH CIRCULAR OPENINGS AT THE REQUIRED LOCATIONS AND ELEVATIONS FOR THE PROPER CONNECTION OF ALL PIPES. THE CIRCULAR CONNECTIONS SHALL BE SEALED WITH A FLEXIBLE SEAL ASSEMBLY SUCH AS G3-FLEXIBLE CONNECTOR BY A-LOK PRODUCTS, INC OR APPROVED EQUAL...
40. THE CONTRACTOR SHALL NOT BE PERMITTED TO UTILIZE ANY KIND OF HMA VIBRATORY ROLLER OR VIBRATORY DRUM COMPACTOR ON THIS PROJECT. ALTERNATIVE COMPACTION TECHNIQUES, SUCH AS STATIC ROLLERS, SHALL BE APPROVED BY THE RESIDENT ENGINEER...
41. ALL HDPE UNDERDRAINS SHALL BE 4" DIAMETER UNLESS OTHERWISE NOTED...
42. THE TWO MULTIPURPOSE FIELDS SHALL BE CONSTRUCTED AND COMPLETED IMMEDIATELY AFTER THE CONSTRUCTION OF THE STORMWATER DETENTION BASINS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FIELD DRAINAGE, IRRIGATION, GRADING, TOPSOILING, AND SODDING.

ENVIRONMENTAL COMMITMENTS:

- 1. IMPLEMENT SOIL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
2. IMPLEMENT STANDARD MEASURE FOR CONSTRUCTION RELATED NOISE AND AIR QUALITY IMPACT CONTROLS.
3. BEST MANAGEMENT PRACTICE WILL BE UTILIZED DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM WATER INLETS AND ENVIRONMENTALLY SENSITIVE AREAS.

ESTIMATE/DISTRIBUTION OF QUANTITIES

Table with columns: ITEM NO., DESCRIPTION, UNITS, PLAN QUANTITY, IF & WHERE DIRECTED, BID QUANTITY. Contains 91 line items including clearing site, earthwork, prime coat, tack coat, aggregate base courses, hot mix asphalt, pipe installation, concrete work, and utility structures.

Logo for REMINGTON & VERNICK ENGINEERS, 1901. Address: 2059 SPRINGDALE ROAD, CHERRY HILL, NJ 08003. Contact: (856) 795-9595, FAX (856) 795-1882. Website: WWW.RVE.COM.

Signed by Jessica D. Hauber, dated 10-01-2024. NJ PROFESSIONAL ENGINEER LIC. No. 51487.

Signed by Kenneth C. Ressler, dated 10-01-2024. NJ PROFESSIONAL ENGINEER LIC. No. 34559.

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Revision table with columns: No., Date, Revision. Shows two revisions dated 07/30/24 and 04/24/24.

GENERAL NOTES AND ESTIMATE & DISTRIBUTION OF QUANTITIES. WOODLICH TOWNSHIP, LOCKE AVENUE PARK DEVELOPMENT PHASE 1. TOWNSHIP OF WOODLICH, GLOUCESTER COUNTY, NEW JERSEY.

STANDARD LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM	DESCRIPTION	EXISTING	PROPOSED	
UTILITIES	OVERHEAD WIRE			SURVEY	CROWS FOOT	Y		SITE & ROADWORK	EDGE OF PAVEMENT			
	SANITARY FORCE MAIN PIPE				AERIAL TARGET				CURB			
	STORM SEWER PIPE ≤ 12"				CONCRETE MONUMENT				PAVEMENT / CONC. / SIDEWALK			
	STORM SEWER PIPE > 12"				PK / MAG NAIL							
	GAS SERVICE				DRILL HOLE							
	SANITARY SEWER PIPE ≤ 12"				DRILL HOLE W/ WINGS							
	SANITARY SEWER PIPE > 12"				STAKE							
	ELECTRIC SERVICE				HUB							
	FIBER OPTIC SERVICE				PIN W/ CAP							
	TELEPHONE SERVICE				IRON PIPE							
	COMMUNICATIONS SERVICE				IRON PIN							
	IRRIGATION PIPE				CROSS CUT							
	WATER SERVICE				DISK							
	WATER SHUT-OFF				STONE							
	WATER METER				REBAR							
	WATER VALVE				BASELINE							
	WATER HYDRANT				CENTERLINE							
	WELL				EASEMENT							
	YARD HYDRANT			RIGHT-OF-WAY								
	METER PIT			PROPERTY BOUNDARY								
	GAS SHUT-OFF			ADJACENT PROPERTY BOUNDARY								
	GAS METER			RAILROAD TRACKS								
	GAS VALVE			STATE BOUNDARY								
	GAS LINE MARKER			MUNICIPAL / COUNTY BOUNDARY								
	CLEANOUT			ENVIRONMENTAL	BORING LOCATION			MISC.	BBQ GRILL			
	SEWER VENT				MONITORING WELL LOCATION				WATER FOUNTAIN			
	INLET TYPE A				TEST PIT LOCATION				KIOSK			
	INLET TYPE B				FRESHWATER WETLAND FLAG				AIR CONDITIONER			
	INLET TYPE E				FRESHWATER WETLAND LINE				PARKING METER			
	AREA DRAIN			FRESHWATER WETLAND BUFFER			FIRE CONTROL VALVE					
	MANHOLES			EDGE OF WATER			BARRICADE					
	IRRIGATION CONTROL VALVE			STREAM CENTERLINE			GENERAL	PHOTO LOCATION				
	IRRIGATION BOX			LANDSCAPING	GRASS/SOD			BENCHMARK LOCATION				
	IRRIGATION CONTROL BOX				DECIDUOUS TREE				TYPICAL SECTION ARROW			
	SPRINKLER HEAD				SHRUBS / BUSH				MATCH LINE			
UNKNOWN VALVE			EVERGREENS					TYPICAL NORTH ARROW				
COMMUNICATIONS PEDESTAL			STUMP				NORTH POINT TO BE USED ON STANDARD CONSTRUCTION SHEETS WHERE BEARINGS REFER TO STATE PLANE COORDINATE SYSTEM.					
COMMUNICATIONS LINE MARKER			WOODS / TREE LINE			ABBREVIATIONS	APR. APRON	E.B. W.B. EASTBOUND, WESTBOUND	PC POINT OF CURVATURE	S.H.D. STATE HIGHWAY DEPARTMENT		
TELEPHONE PEDESTAL			WIRE FENCE				BL BASELINE	N.B. S.B. NORTHBOUND, SOUTHBOUND	PI POINT OF INFLECTION	SHLD. SHOULDER		
TELEPHONE LINE MARKER			SPLIT RAIL FENCE				BM BENCH MARK	G GUTTER	PT POINT OF TANGENCY	STY. STORY		
ELEC. BOX			WOOD / VINYL FENCE				BIT. BITUMINOUS	GR GRATE	PK PARKER KAYLON MASONRY NAIL	T.B.A. TO BE ABANDONED		
ELEC. METER			CHAIN-LINK FENCE				H.W. HEADWALL	HW HEADWALL	T.B.R. TO BE REMOVED	TC TOP OF CURB		
ELEC. TRANSFORMER PAD			GRADING	TOP OF BANK / DITCH			H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE	PROP. PROPOSED	T.C. TOP OF CURB			
ELEC. VAULT				BOTTOM OF BANK / DITCH			INV. INVERT	P.V.C. POLYVINYL CHLORIDE PIPE	TEL. TELEPHONE			
ELEC. LINE MARKER				CONTOUR (MAJOR)			IP IRON PIN	P.VI POINT OF VERTICAL CURVATURE	TEMP. TEMPORARY			
UTILITY POLE				CONTOUR (MINOR)			J.B. JUNCTION BOX	PVT POINT OF VERTICAL TANGENCY	TYP. TYPICAL			
GUY ANCHOR				FLOW LINE / SWALE			L.S.T. LANDSCAPE TIE	R RADIUS	U.D. UNDERDRAIN			
ELEC. OUTLET			TIME OF CONCENTRATION			L.O.M. LIMIT OF MILLING	R.C.P. REINFORCED CONCRETE PIPE	U.P. UTILITY POLE				
LIGHTS			SPOT GRADE			L.O.P. LIMIT OF PAVING	R.M.C. RIGID METALLIC CONDUIT	VAR. VARIES				
VENT			ROADWAY GRADE			MB MAILBOX	R.O.W. RIGHT OF WAY	WM WATER METER				
VENT PIPE			DRAINAGE FLOW			MAX. MAXIMUM	R.R. RAILROAD					
						MIN. MINIMUM	RTE. ROUTE					
						NO. NUMBER	SAN. SANITARY					
						N.T.S. NOT TO SCALE	SWK. SIDEWALK					
						PERF. PERFORATED						

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DATE: 10-01-2024
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2	07/30/24	JH	JH	DATE	BY	CHK
1	04/24/24	JH	JH	DATE	BY	CHK

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PER NJDEP COMMENTS	DATE	BY	CHK
PER NJDEP COMMENTS	DATE	BY	CHK
No.	REVISION		

LEGEND
 WOODLICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
 PHASE 1
 TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY



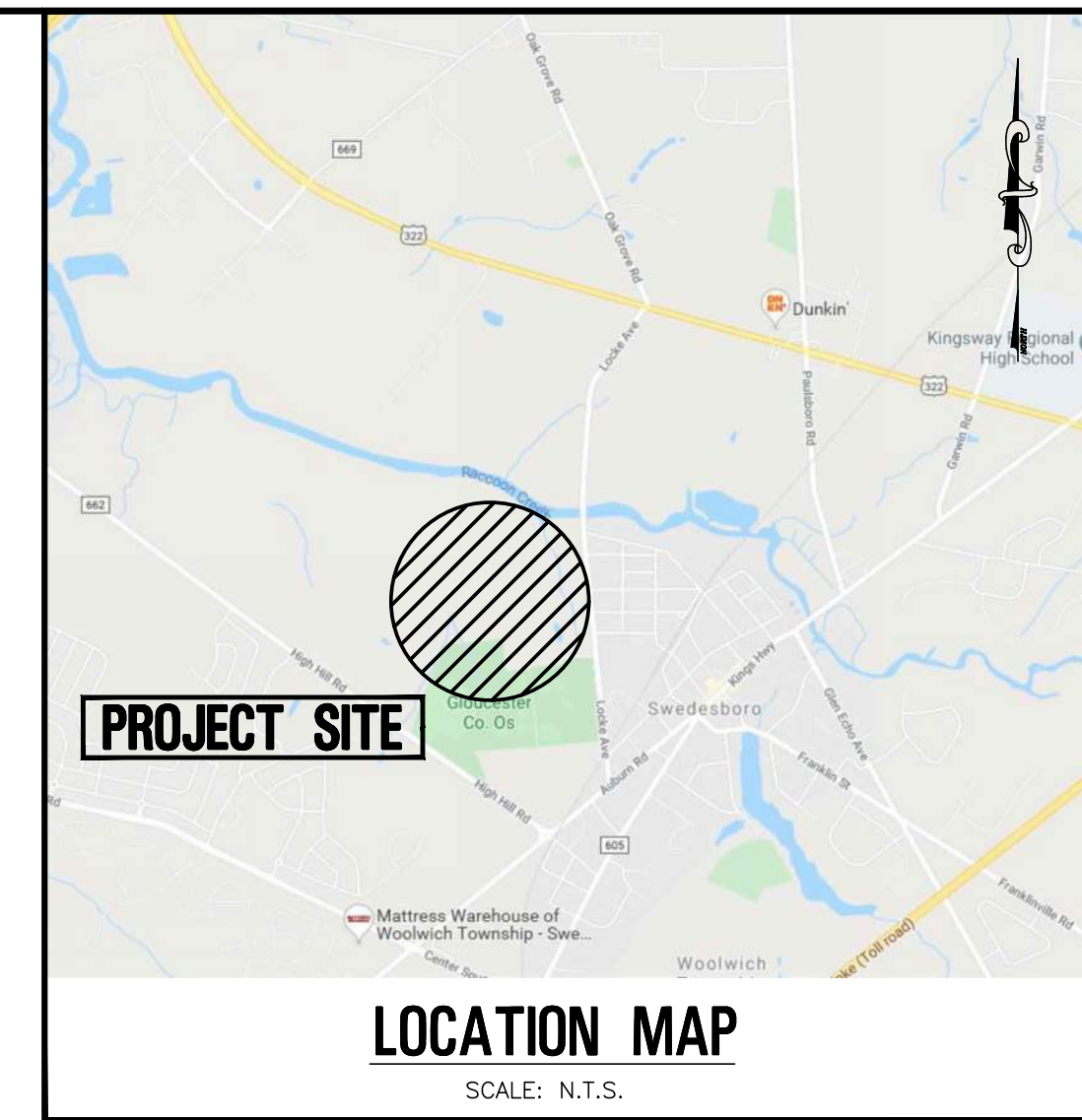
BLOCK 5
LOT 6.05
LANDS N/F
CASEY, ASHLEY &
SCHURR, ANTHONY



TIDE DATUM CHART*		
DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
MLLW	MEAN LOWER LOW WATER	-3.06

NOTES:

- DATA WAS TAKEN FROM TIDE STATION #653-8449, BRIDGEPORT, RACCOON CREEK, EPOCH 1983-2001.
- ALL ELEVATIONS ARE SHOWN IN FEET AND ARE REFERENCED TO NAVD88 USING TIDAL BENCH MARK 610 (PID J06963).



LOCATION MAP
SCALE: N.T.S.

REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
—ENGINEERING EXCELLENCE—

DATE: 10-01-2024
CHARLES E. ADAMSON
NJ PROFESSIONAL LAND SURVEYOR LIC. NO. 42627

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No.	REVISION	DATE	BY	CHK

SURVEY NOTES:

- THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 / GEOID 2012b (ADD 1.15 FEET TO THESE ELEVATIONS TO CONVERT TO NAVD-1929 DATUM)
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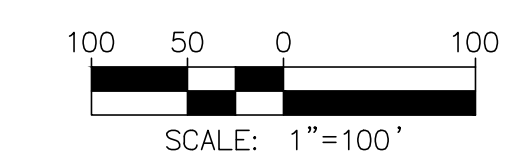
SURVEY REFERENCES:

- PLAN ENTITLED PARK IMPROVEMENTS - PHASE 1, WOOLWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY. PREPARED BY ALAIMO GROUP, DATED DECEMBER, 2018.



CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.

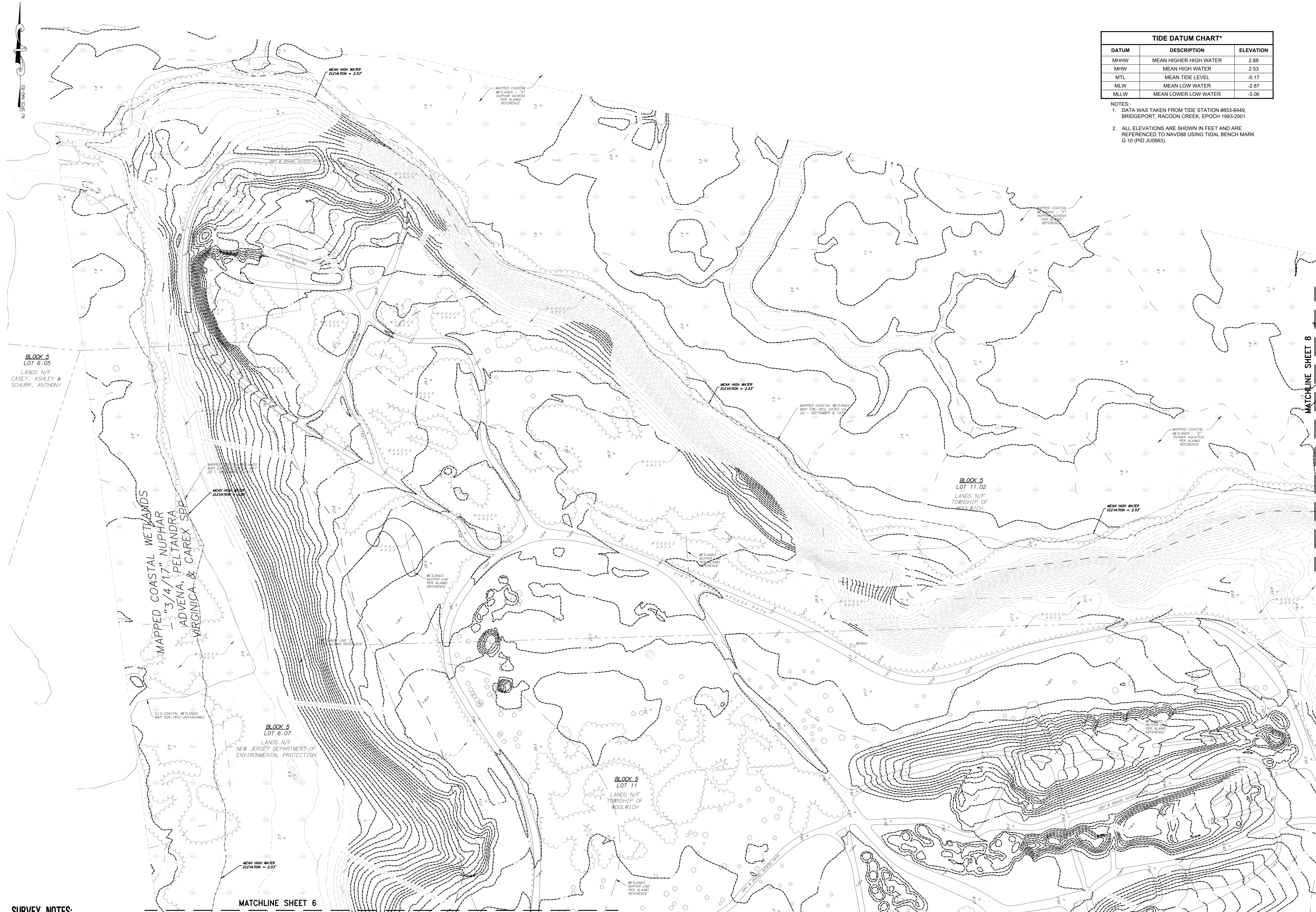
ANDERSON AVENUE
WEATHERBY AVENUE
VANNEMAN AVENUE
GUEST AVENUE
LOCKE AVENUE (COUNTY ROUTE #671)



SCALE: 1"=100'

EXISTING TOPOGRAPHIC CONDITIONS PLAN - OVERALL
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23		
JOB No.:	08241062		
			4 of 53



TIDE DATUM CHART*		
DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
MLLW	MEAN LOWER LOW WATER	-3.06

NOTES:
 1. DATA WAS TAKEN FROM TIDE STATION #853-8449, BRIDGEPORT, RACON CREEK, EPOCH 1983-2001.
 2. ALL ELEVATIONS ARE SHOWN IN FEET AND ARE REFERENCED TO NAVD88 USING TIDAL BENCH MARK G 10 (PJ UD0663).

RVE
1901

REMINGTON & VERNICK ENGINEERS

2059 SPRINGDALE ROAD
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 ENGINEERING EXCELLENCE

DATE: 10-01-2024
CHARLES E. ADAMSON
 NJ PROFESSIONAL LAND SURVEYOR LIC. NO. 42627

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No.	REVISION	DATE	BY	CHK

EXISTING TOPOGRAPHIC CONDITIONS PLAN

WOODWICH TOWNSHIP
 LOCKE AVENUE PARK DEVELOPMENT
 PHASE 1
 TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

SURVEY NOTES:

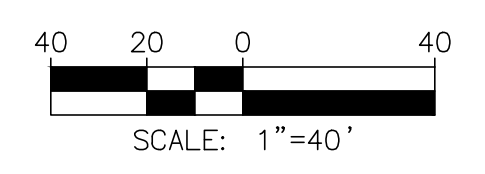
- THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 / GEOID 2012b (ADD 1.15 FEET TO THESE ELEVATIONS TO CONVERT TO NGVD-1929 DATUM)
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- THIS PLAN AND SURVEY DOES NOT CERTIFY TO THE LOCATION, BOTH HORIZONTAL AND VERTICAL OF ANY UNDERGROUND UTILITY OR STRUCTURE THAT WAS NOT EXPOSED FOR DIRECT MEASUREMENT.

SURVEY REFERENCES:

- PLAN ENTITLED PARK IMPROVEMENTS - PHASE 1, WOOLWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY, PREPARED BY ALAIMO GROUP, DATED DECEMBER, 2018.

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 1-800-272-1000
 It's THE LAW
 Dig Safely.
 NEW JERSEY ONE CALL

CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.



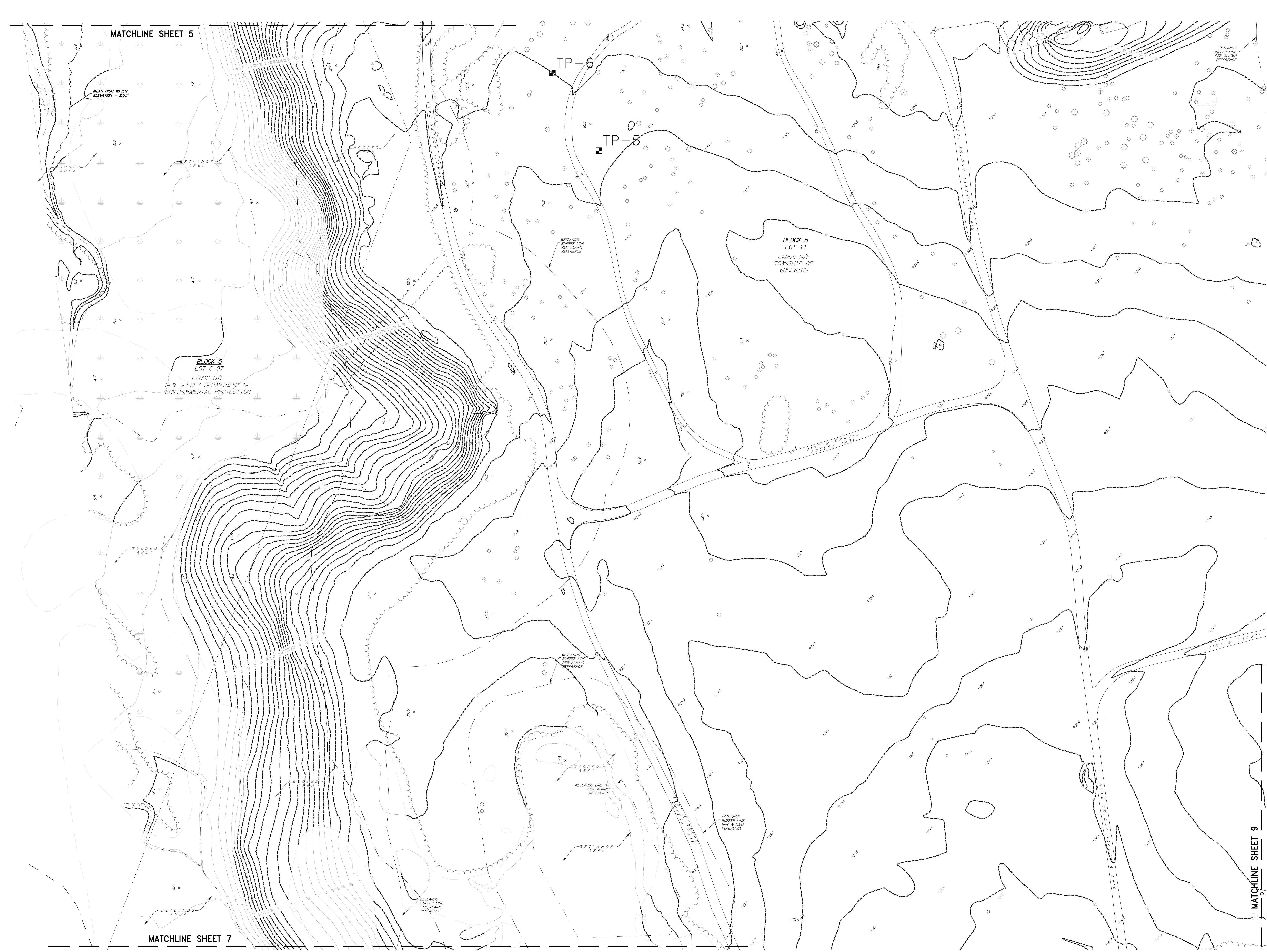
DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	5 of 53		
JOB No.:	JOB No.:		
08241082	08241082		

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No.	REVISION	DATE	BY	CHK

EXISTING TOPOGRAPHIC CONDITIONS PLAN
WOODWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOODWICH GLOUCESTER COUNTY NEW JERSEY



SURVEY NOTES:

1. THE HORIZONTAL DATUM IS BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD-1983 / 2011 ADJ.) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 / GEOID 2012b (ADD 1.15 FEET TO THESE ELEVATIONS TO CONVERT TO NGVD-1929 DATUM).
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SURVEY REFERENCES:

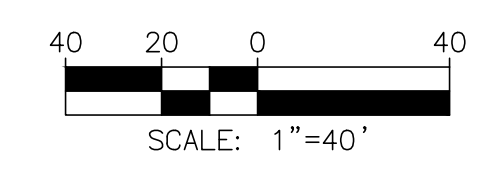
1. PLAN ENTITLED PARK IMPROVEMENTS - PHASE 1, WOODWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY, PREPARED BY ALAIMO GROUP, DATED DECEMBER, 2018.

TIDE DATUM CHART*		
DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
MLLW	MEAN LOWER LOW WATER	-3.06

- NOTES:
1. DATA WAS TAKEN FROM TIDE STATION #653-8449, BRIDGEPORT, RACCOON CREEK, EPOCH 1983-2001.
2. ALL ELEVATIONS ARE SHOWN IN FEET AND ARE REFERENCED TO NAVD88 USING TIDAL BENCH MARK G 10 (PID J10463).



CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.



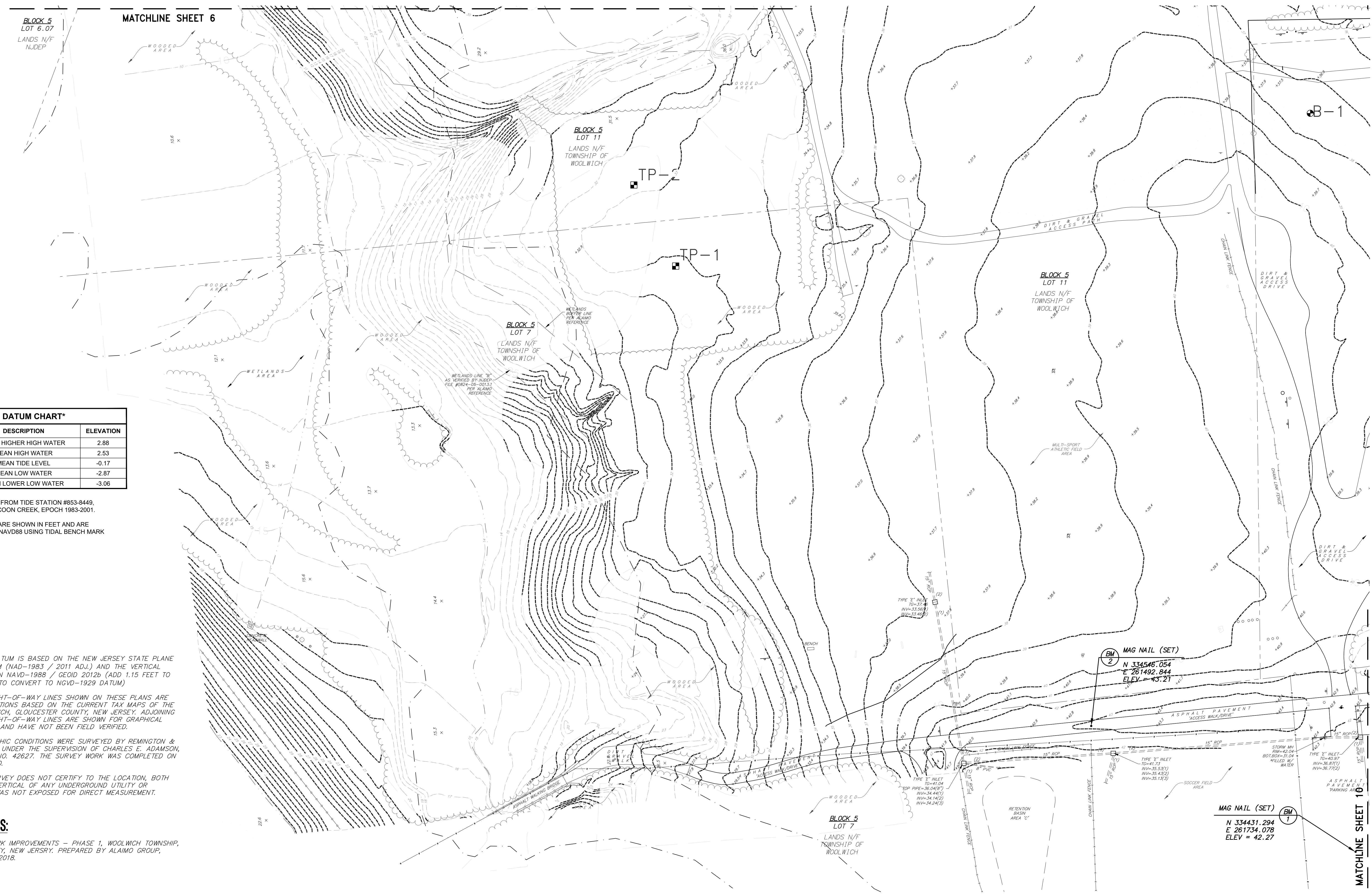
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No.	REVISION	DATE	BY	CHK

EXISTING TOPOGRAPHIC CONDITIONS PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	7 of 53		
JOB No.:	08241062		



TIDE DATUM CHART*

DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
MLLW	MEAN LOWER LOW WATER	-3.06

- NOTES:
1. DATA WAS TAKEN FROM TIDE STATION #853-8449, BRIDGEPORT, RACON CREEK, EPOCH 1983-2001.
 2. ALL ELEVATIONS ARE SHOWN IN FEET AND ARE REFERENCED TO NAVD88 USING TIDAL BENCH MARK G 10 (PID J08663).

SURVEY NOTES:

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SURVEY REFERENCES:

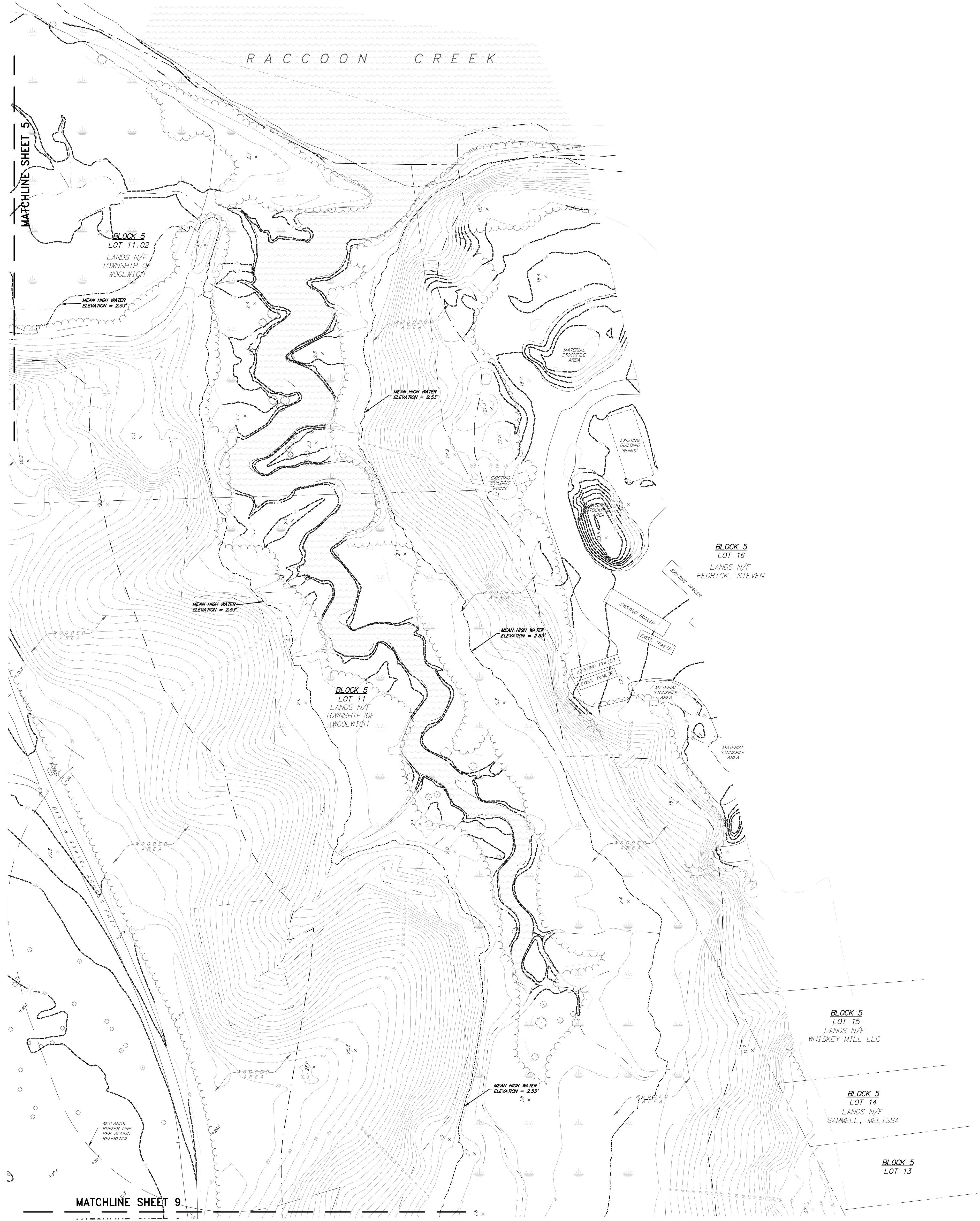
1. PLAN ENTITLED PARK IMPROVEMENTS - PHASE 1, WOOLWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY. PREPARED BY ALAIMO GROUP, DATED DECEMBER, 2018.



CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.



NJ SPSS 1900-83



TIDE DATUM CHART*

DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
MLLW	MEAN LOWER LOW WATER	-3.06

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CONTRACTOR TO CALL AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION WORK.

RVE
1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS: WWW.RVE.COM
Certification of Authorization: 74 GA 28003300
—ENGINEERING EXCELLENCE—

Charles E. Adamson
DATE: 10-01-2024
CHARLES E. ADAMSON
NJ PROFESSIONAL LAND SURVEYOR LIC. No. 42627

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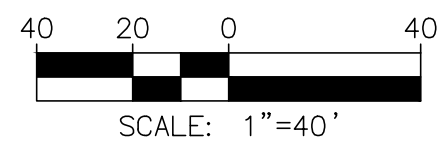
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No.	REVISION	DATE	BY	CHK

EXISTING TOPOGRAPHIC CONDITIONS PLAN

WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	SHEET No.: 8 of 53		JOB No.: 08241062



NJ SPIS 1903-83

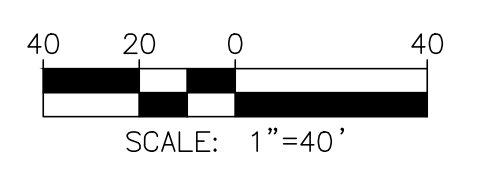


TIDE DATUM CHART*		
DATUM	DESCRIPTION	ELEVATION
MHHW	MEAN HIGHER HIGH WATER	2.88
MHW	MEAN HIGH WATER	2.53
MTL	MEAN TIDE LEVEL	-0.17
MLW	MEAN LOW WATER	-2.87
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1901

REMINGTON & VERNICK ENGINEERS

2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
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WEB SITE ADDRESS : WWW.RVE.COM

Certification of Authorization: 24 GA 28003300
-ENGINEERING EXCELLENCE-

DATE: 10-01-2024

CHARLES E. ADAMSON
NJ PROFESSIONAL LAND SURVEYOR LIC. NO. 42627

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EXISTING TOPOGRAPHIC CONDITIONS PLAN

WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	SHEET No.: 9 of 53		
JOB No.: 08241082			



BLOCK 5
LOT 6.05
LANDS N/F
CASEY, ASHLEY &
SCHURR, ANTHONY

BLOCK 5
LOT 6.07
LANDS N/F
NEW JERSEY DEPARTMENT
OF ENVIRONMENTAL
PROTECTION

BLOCK 5
LOT 11.02
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11.01
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 10
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 16

BLOCK 5
LOT 15

BLOCK 5
LOT 14

BLOCK 5
LOT 12

BLOCK 5
LOT 13

MATCHLINE SHEET 15
MATCHLINE SHEET 12

MATCHLINE SHEET 13
MATCHLINE SHEET 12

MATCHLINE SHEET 16
MATCHLINE SHEET 15

MATCHLINE SHEET 16
MATCHLINE SHEET 13

MATCHLINE SHEET 14
MATCHLINE SHEET 13

MATCHLINE SHEET 17
MATCHLINE SHEET 16

MATCHLINE SHEET 17
MATCHLINE SHEET 14

RACCOON CREEK

ANDERSON AVENUE

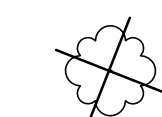

WEATHERBY AVENUE

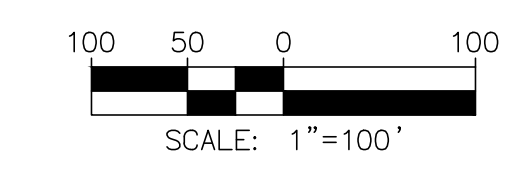
VANNEMAN AVENUE

GUEST AVENUE

LOCKE AVENUE (COUNTY ROUTE #671)

DEMOLITION LEGEND

-  DEMOLITION TREE
-  DEMOLITION AREA



RVE
1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
--ENGINEERING EXCELLENCE--

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

PLANS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID.

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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN - OVERALL
WOODWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	JOB No.: 0824T082		
SHEET No.: 11 of 53			

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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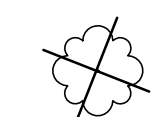
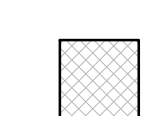
No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

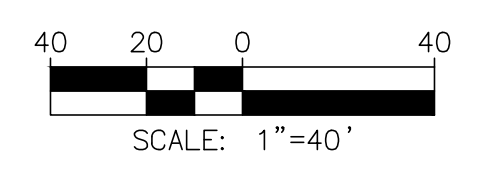
DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	12 of 53		
JOB No.:	08241062		



DEMOLITION LEGEND

-  DEMOLITION TREE
-  DEMOLITION AREA

DEMOLITION NOTES:
1. ALL DEMOLITION ITEMS OTHER THAN TREE REMOVAL AND CLEARING TO BE PAID UNDER BID ITEM "SITE CLEARING"
2. ALL INDIVIDUAL TREE SHOWN ON THE PLAN TO BE PAID UNDER BID ITEM "TREE REMOVAL"



TO BE CONSTRUCTED				
ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
86	SELECTIVE CLEARING	SY	319	

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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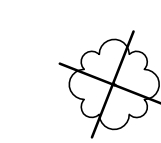
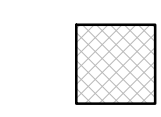
No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	13 of 53		
JOB No.:	08241062		



DEMOLITION LEGEND

-  DEMOLITION TREE
-  DEMOLITION AREA

DEMOLITION NOTES:
1. ALL DEMOLITION ITEMS OTHER THAN TREE REMOVAL AND CLEARING TO BE PAID UNDER BID ITEM "SITE CLEARING"
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TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
86	SELECTIVE CLEARING	SY	946	

DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

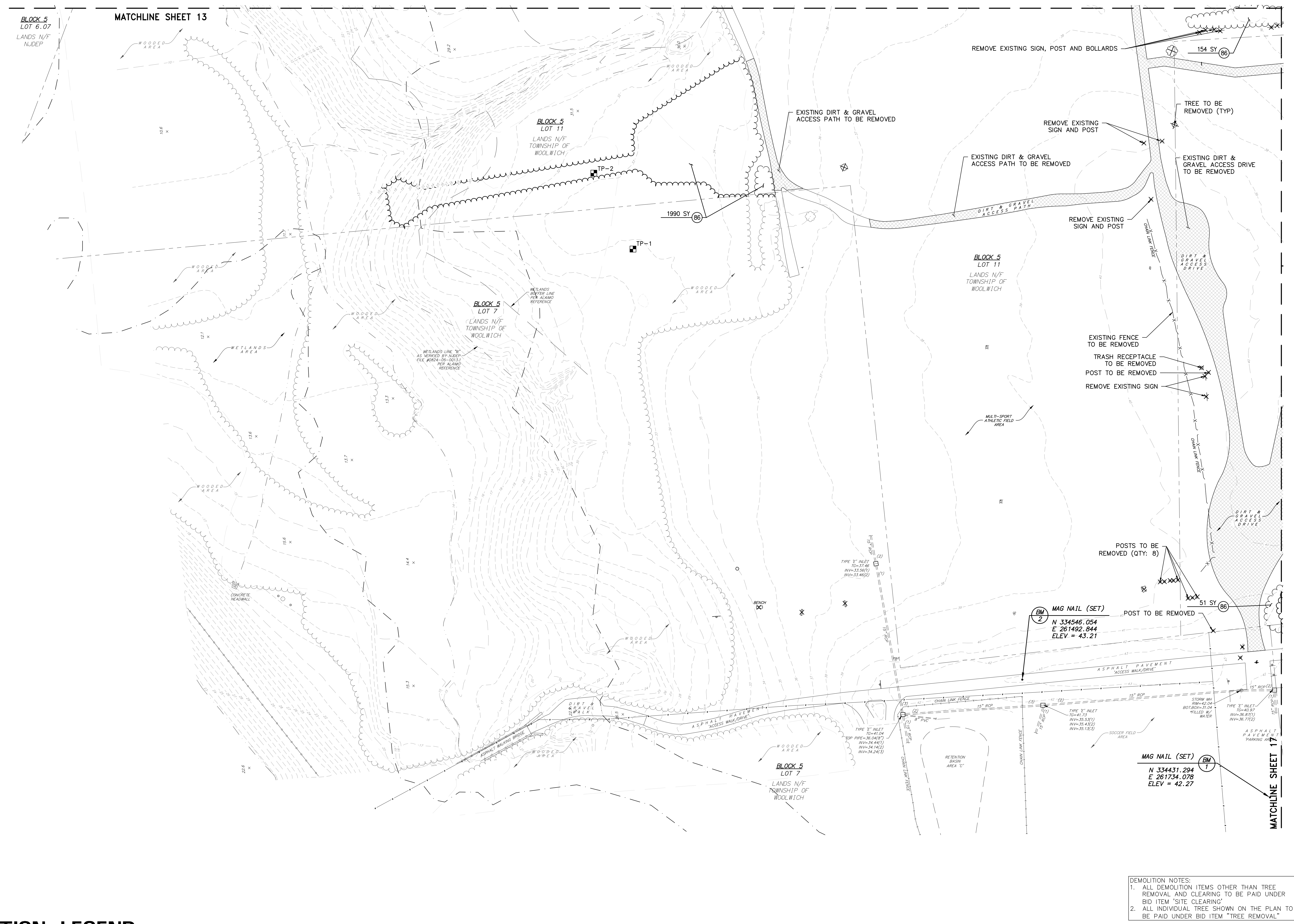
DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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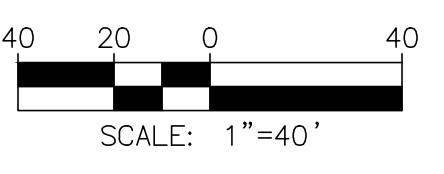
No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DATE:	SCALE:
8/15/23	AS NOTED
14 of 53	



DEMOLITION NOTES:
1. ALL DEMOLITION ITEMS OTHER THAN TREE REMOVAL AND CLEARING TO BE PAID UNDER BID ITEM "SITE CLEARING"
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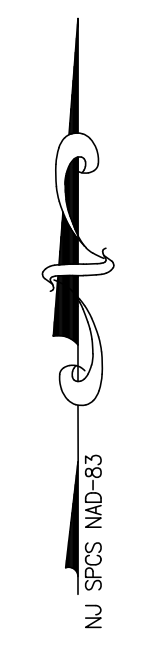


DEMOLITION LEGEND

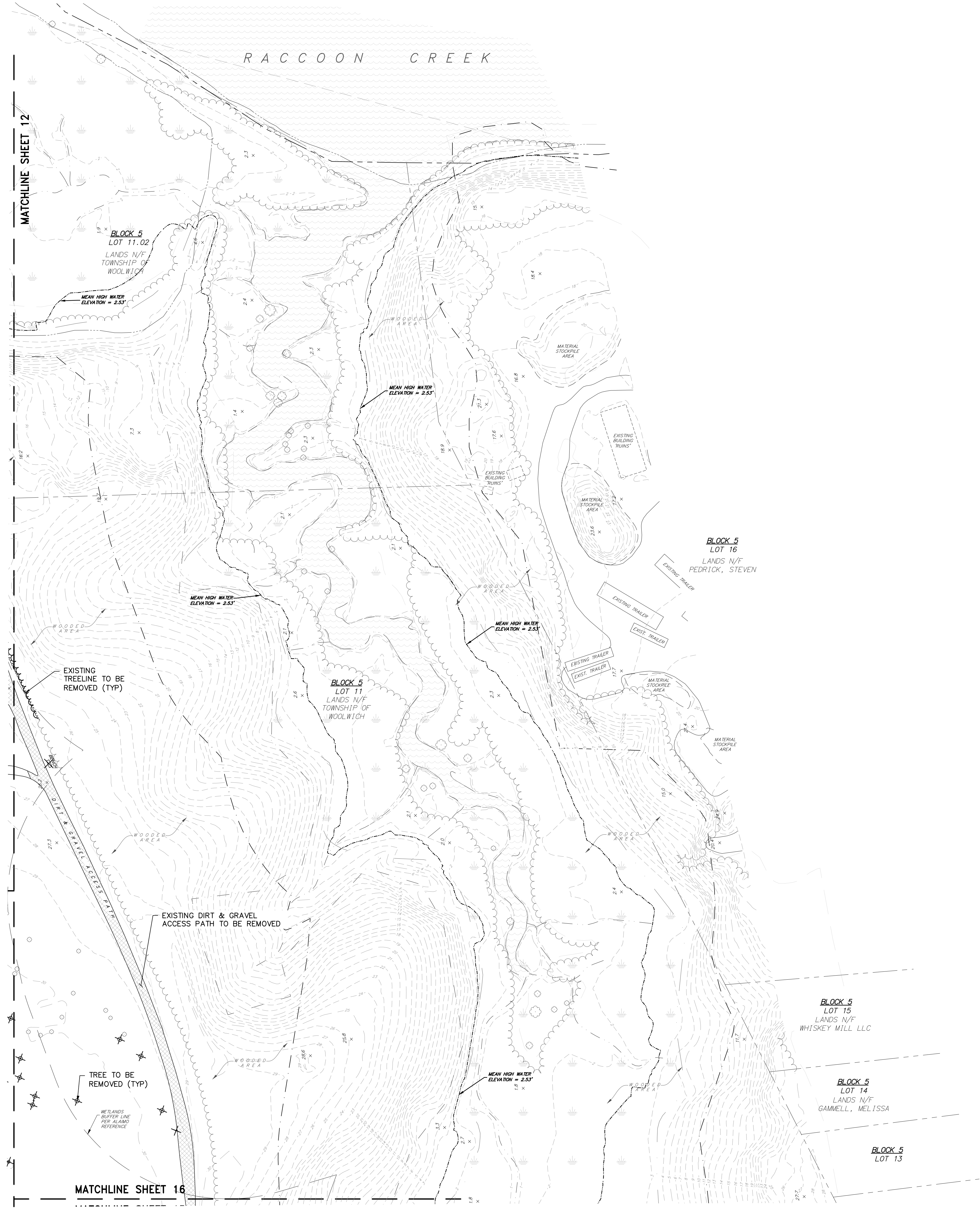
- DEMOLITION TREE
- DEMOLITION AREA

TO BE CONSTRUCTED

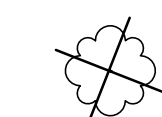
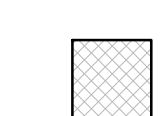
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86	SELECTIVE CLEARING	SY	2195	



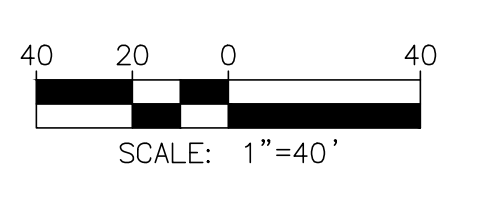
NJ SP15 (M)0-83



DEMOLITION LEGEND

-  DEMOLITION TREE
-  DEMOLITION AREA

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RVE
 1901
REMINGTON & VERNICK ENGINEERS
 2059 SPRINGDALE ROAD
 CHERRY HILL, NJ 08003
 (856) 795-9595, FAX (856) 795-1882
 WEB SITE ADDRESS : WWW.RVE.COM
 Certification of Authorization: 24 GA 28003300
 --ENGINEERING EXCELLENCE--

Jessica D. Hauber
 DATE: 10-01-2024
JESSICA D. HAUBER
 NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
 NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
 WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
 PHASE 1
 TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	SHEET No.: 15 of 53		
JOB No.: 0824T082			



REMINGTON & VERNICK ENGINEERS
 2059 SPRINGDALE ROAD
 CHERRY HILL, NJ 08003
 (856) 795-9595, FAX (856) 795-1882
 WEB SITE ADDRESS : WWW.RVE.COM
 Certification of Authorization: 24 GA 28003300
 --ENGINEERING EXCELLENCE--

Jessica D. Hauber
 DATE: 10-01-2024
JESSICA D. HAUBER
 NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
 NJ PROFESSIONAL ENGINEER LIC. No. 34559

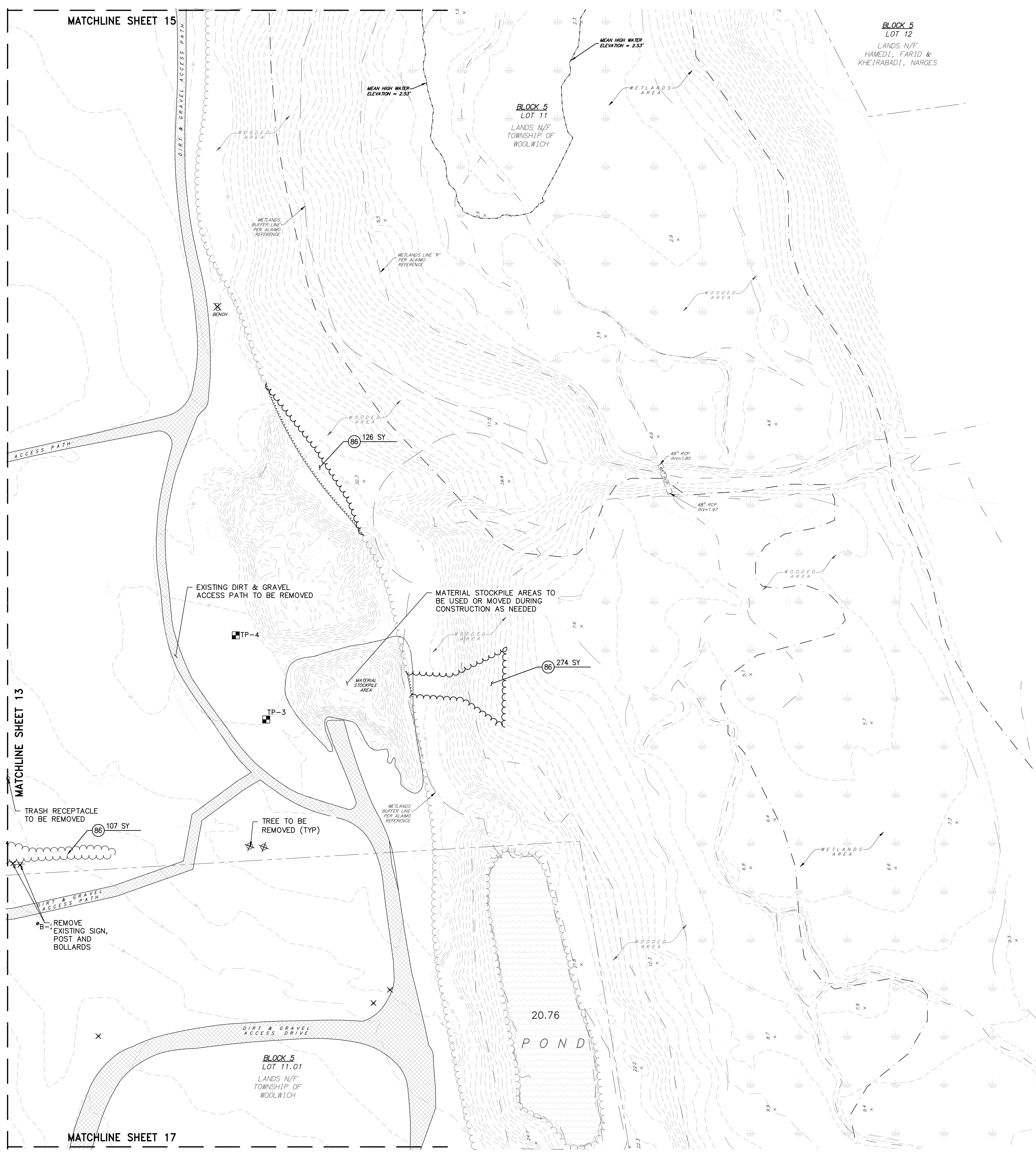
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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
 WOODLWICH TOWNSHIP
 LOCKE AVENUE PARK DEVELOPMENT
 PHASE 1
 TOWNSHIP OF WOODLWICH GLOUCESTER COUNTY NEW JERSEY

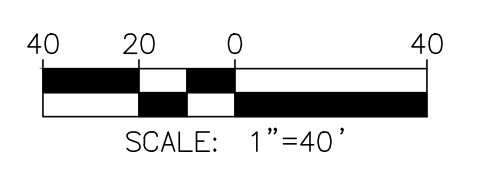
DATE:	SCALE:
8/15/23	AS NOTED
08241062	16 of 53



DEMOLITION LEGEND

- DEMOLITION TREE
- DEMOLITION AREA

DEMOLITION NOTES:
 1. ALL DEMOLITION ITEMS OTHER THAN TREE REMOVAL AND CLEARING TO BE PAID UNDER BID ITEM "SITE CLEARING"
 2. ALL INDIVIDUAL TREE SHOWN ON THE PLAN TO BE PAID UNDER BID ITEM "TREE REMOVAL"



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
86	SELECTIVE CLEARING	SY	507	

NJ SPECS (M02-83)

MATCHLINE SHEET 15

MATCHLINE SHEET 13

MATCHLINE SHEET 17

BLOCK 5
 LOT 11.01
 LANDS N/F
 TOWNSHIP OF
 WOODLWICH

BLOCK 5
 LOT 12
 LANDS N/F
 HAMEDJI, FARID &
 KHETRABADI, NARGES

BLOCK 5
 LOT 11
 LANDS N/F
 TOWNSHIP OF
 WOODLWICH

20.76
 POND

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

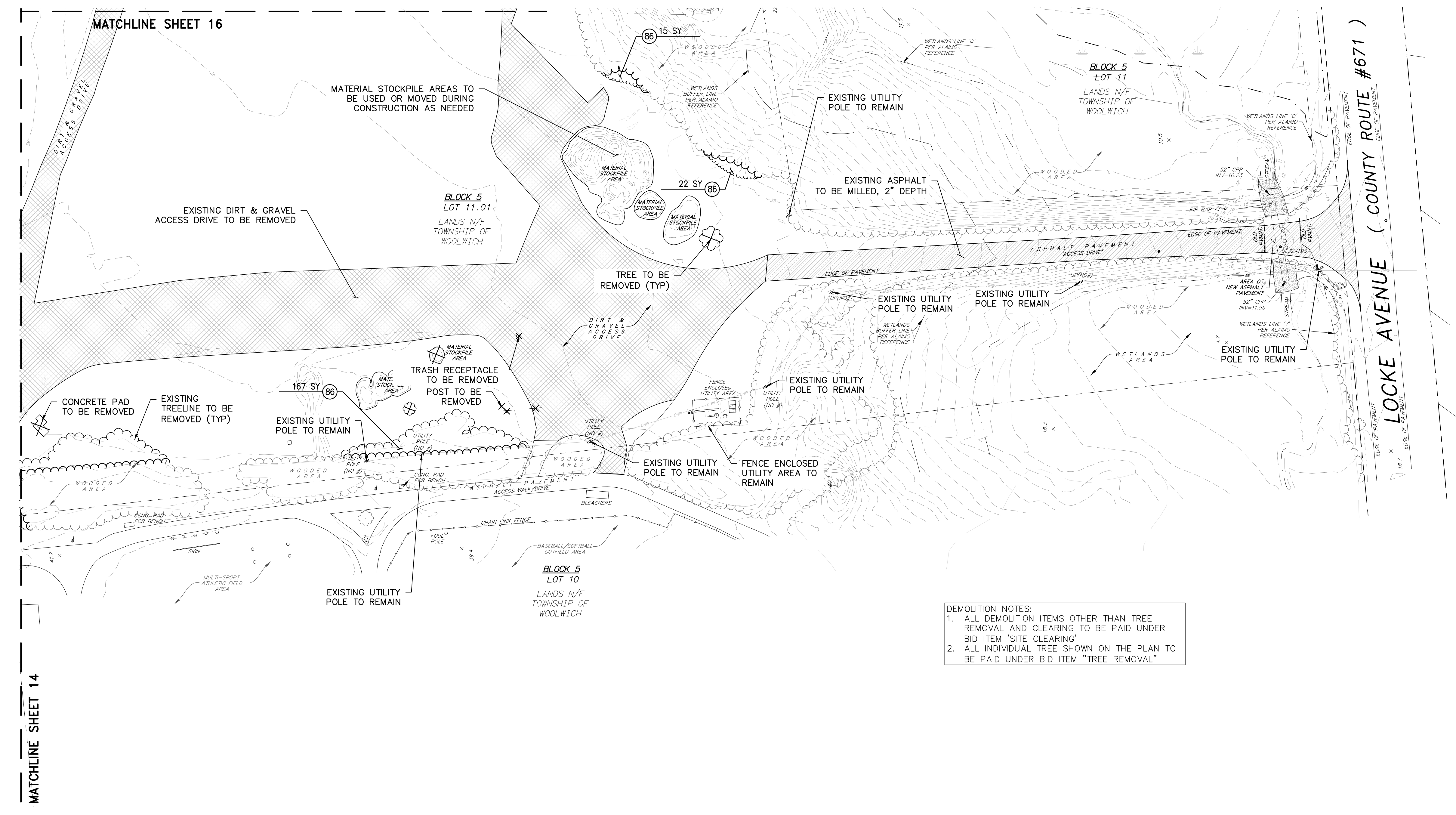
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KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

DEMOLITION PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	17 of 53		
JOB No.:	08241062		



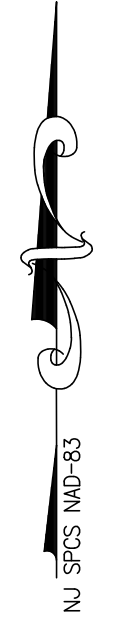
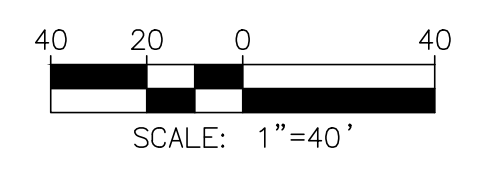
DEMOLITION NOTES:
1. ALL DEMOLITION ITEMS OTHER THAN TREE REMOVAL AND CLEARING TO BE PAID UNDER BID ITEM 'SITE CLEARING'
2. ALL INDIVIDUAL TREE SHOWN ON THE PLAN TO BE PAID UNDER BID ITEM 'TREE REMOVAL'

DEMOLITION LEGEND

- DEMOLITION TREE
- DEMOLITION AREA
- MILLING

TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
86	SELECTIVE CLEARING	SY	204	





BLOCK 5
LOT 6.05
LANDS N/F
CASEY, ASHLEY &
SCHURR, ANTHONY

BLOCK 5
LOT 6.07
LANDS N/F
NEW JERSEY DEPARTMENT
OF ENVIRONMENTAL
PROTECTION

BLOCK 5
LOT 11.02
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 16

BLOCK 5
LOT 15

BLOCK 5
LOT 14

BLOCK 5
LOT 12

BLOCK 5
LOT 13

BLOCK 5
LOT 11
LANDS N/F
TOWNSHIP OF
WOOLWICH

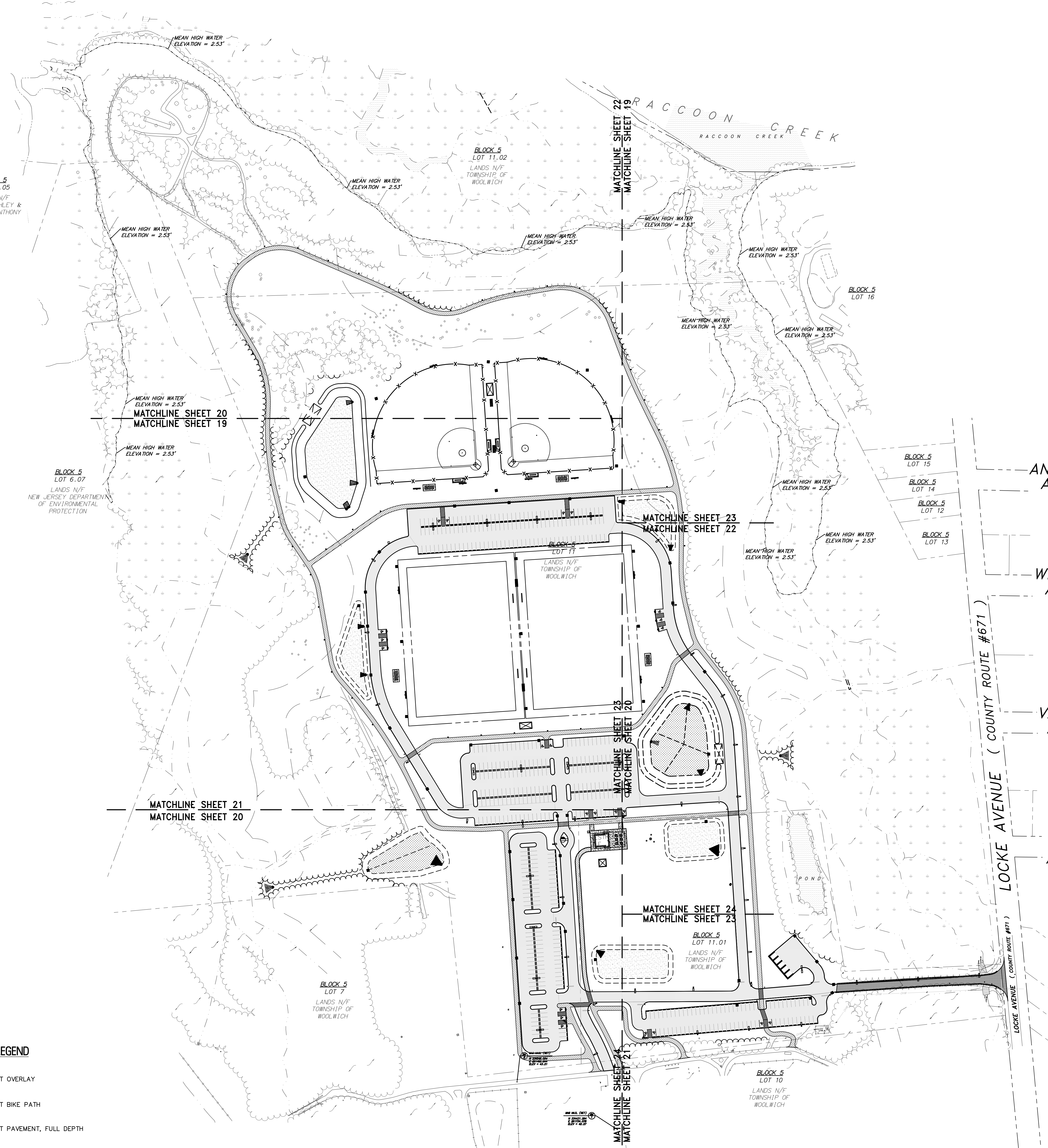
BLOCK 5
LOT 7
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 10
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11.01
LANDS N/F
TOWNSHIP OF
WOOLWICH

PROPOSED SURFACE LEGEND

-  HOT MIX ASPHALT OVERLAY
-  HOT MIX ASPHALT BIKE PATH
-  HOT MIX ASPHALT PAVEMENT, FULL DEPTH



RVE
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-ENGINEERING EXCELLENCE-

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
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DATE: 10-01-2024
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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

SITE PLAN - OVERALL
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	JOB No.: 0824T082		
SHEET No.: 18 of 53			

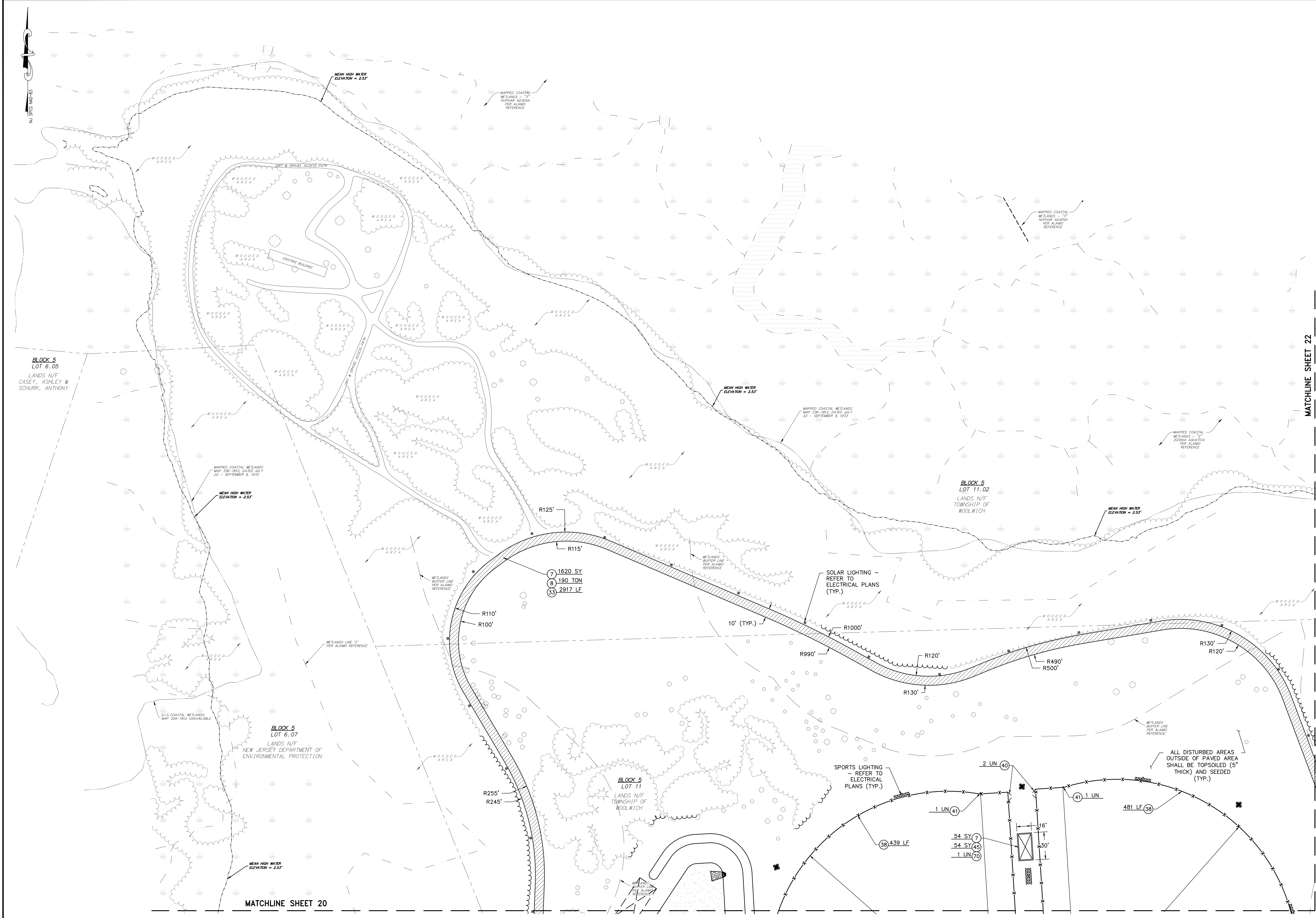
Drawn by: *Jessica D. Hauber*
DATE: 10-01-2024
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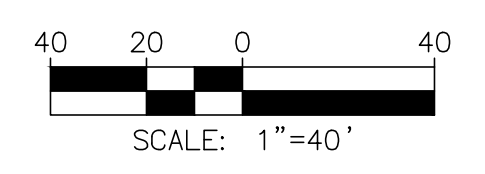
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SITE PLAN
WOODLICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOODLICH GLOUCESTER COUNTY NEW JERSEY



PROPOSED SURFACE LEGEND

- HOT MIX ASPHALT OVERLAY
- HOT MIX ASPHALT BIKE PATH
- HOT MIX ASPHALT PAVEMENT, FULL DEPTH



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
7	DENSE-GRADED AGGREGATE BASE COURSE, 4" THICK	SY	1674	
8	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	190	
33	TRAFFIC MARKING LINES, 4"	LF	2917	
38	CHAIN LINK FENCE, PVC-COATED STEEL, 6" HIGH, BLACK	LF	920	
40	GATE, CHAIN LINK FENCE, PVC-COATED STEEL, 10' WIDE	UN	2	
41	FOUL POLE, 20' HIGH	UN	2	
45	CONCRETE PAD, REINFORCED, 6" THICK	SY	54	
70	14' X 28' SHED	UN	1	

DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

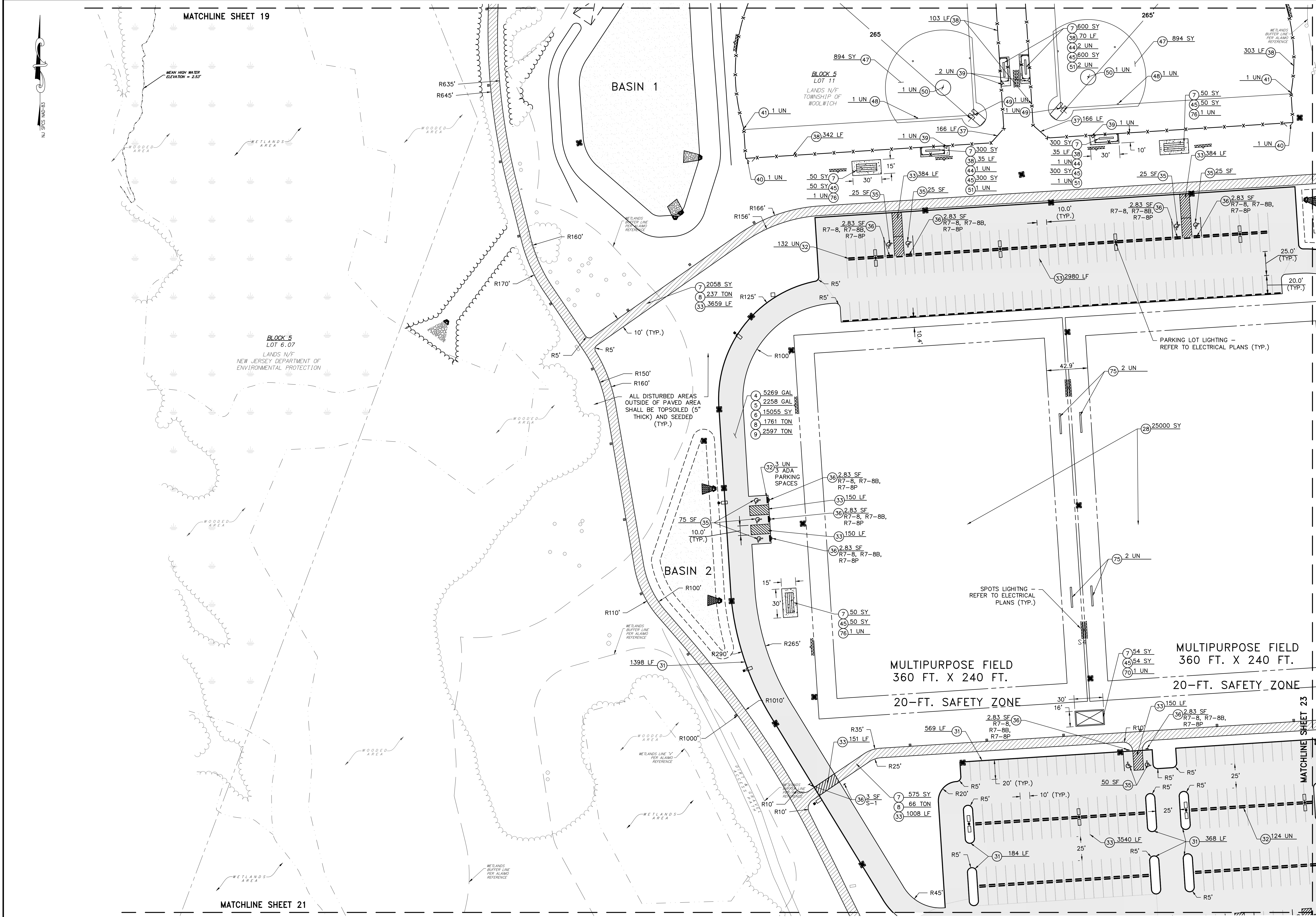
DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

PLANS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID.
ALL DOCUMENTS PREPARED BY REMINGTON & VERNICK ENGINEERS AND AFFILIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT TO BE REUSED OR REPRODUCED FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF REMINGTON & VERNICK ENGINEERS AND AFFILIATES. ANY REUSE WITHOUT WRITTEN PERMISSION WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO REMINGTON & VERNICK ENGINEERS AND AFFILIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

NO.	DATE	BY	CHK	REVISION
2	07/30/24	JH	JH	PER NJDEP COMMENTS
1	04/24/24	JH	JH	PER NJDEP COMMENTS

SITE PLAN
WOODLICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DATE	SCALE
8/15/23	AS NOTED
08241062	20 of 53



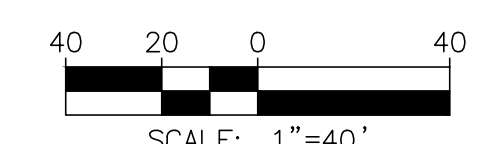
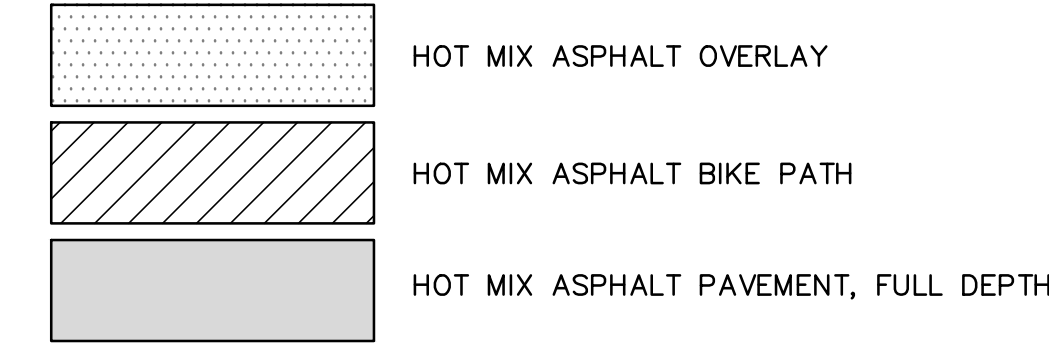
TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
4	PRIME COAT	GAL	5269	
5	TACK COAT	GAL	2258	
6	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	SY	15055	
7	DENSE-GRADED AGGREGATE BASE COURSE, 4" THICK	SY	4037	
8	HOT MIX ASPHALT 9.5 M 64 SURFACE COURSE, 2" THICK	TON	2064	
9	HOT MIX ASPHALT 19 M 64 BASE COURSE, 3" THICK	TON	2597	
28	SODDING	SY	25000	
31	9" x 18" CONCRETE VERTICAL CURB	LF	2519	
32	PRECAST CONCRETE WHEEL STOP	UN	259	
33	TRAFFIC MARKINGS LINES, 4"	LF	12405	
35	TRAFFIC MARKINGS SYMBOLS	SF	225	
36	REGULATORY AND WARNING SIGNS	SF	25.47	
37	CHAIN LINK FENCE BACKSTOP, PVC-COATED STEEL, 18" HIGH, BLACK	LF	332	
38	CHAIN LINK FENCE, PVC-COATED STEEL, 6' HIGH, BLACK	LF	888	
39	GATE, CHAIN-LINK FENCE, PVC-COATED STEEL, 4' WIDE	UN	4	
40	GATE, CHAIN-LINK FENCE, PVC-COATED STEEL, 10' WIDE	UN	2	
41	FOUL POLE, 20' HIGH	UN	2	
44	DUGOUT	UN	4	

TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
45	CONCRETE PAD, REINFORCED, 6" THICK	SY	1404	
47	INFIELD MIX, 4" THICK	SY	1788	
48	BASES (SET OF 3)	UN	2	
49	HOME PLATE	UN	2	
50	PITCHING RUBBER	UN	2	
51	ATHLETIC COURT BENCH	UN	4	
70	14' x 28' SHED	UN	1	
75	PORTABLE TEAM BENCH	UN	4	
76	BLEACHERS	UN	3	

PROPOSED SURFACE LEGEND



Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

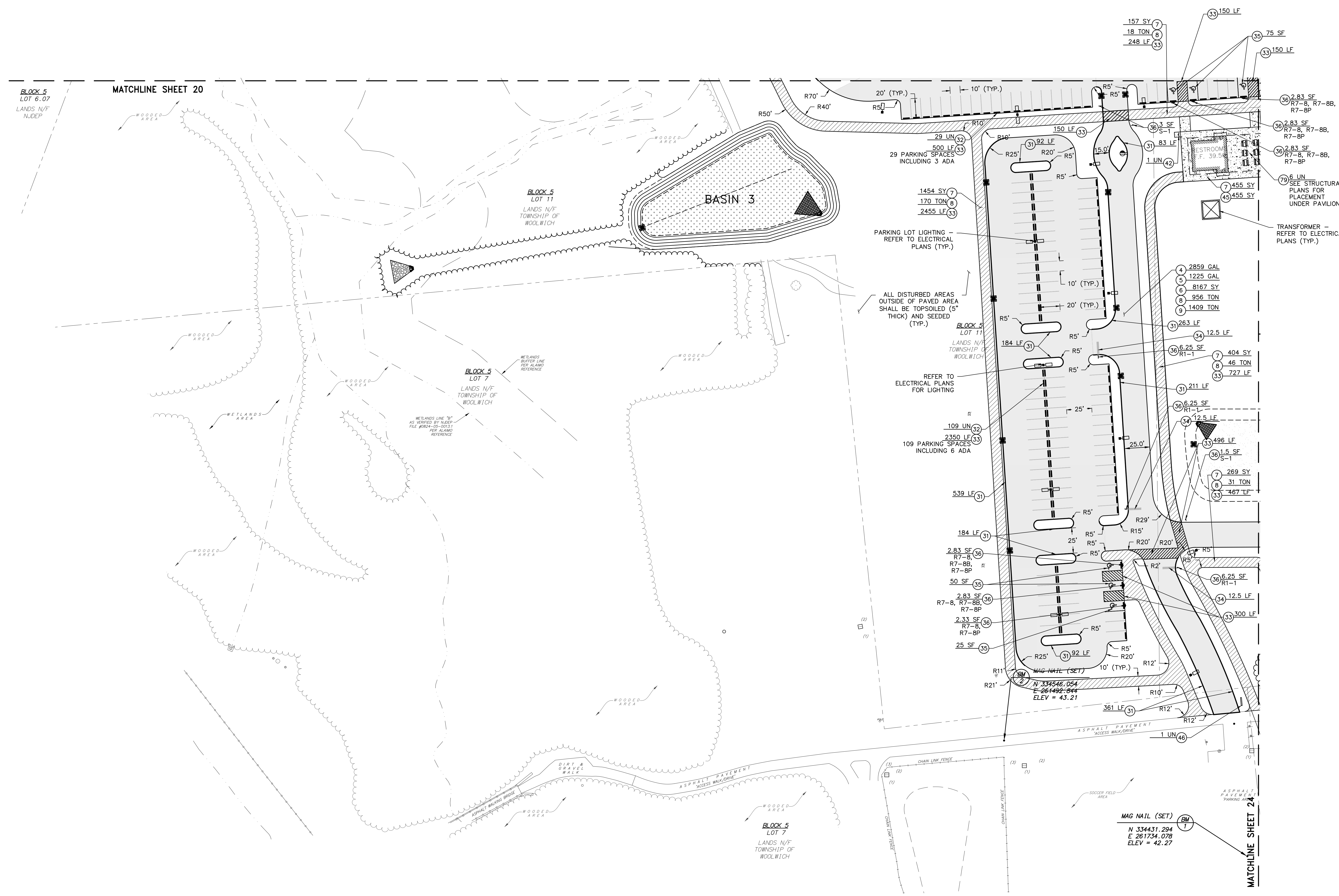
DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

SITE PLAN
WOODWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOODWICH GLOUCESTER COUNTY NEW JERSEY

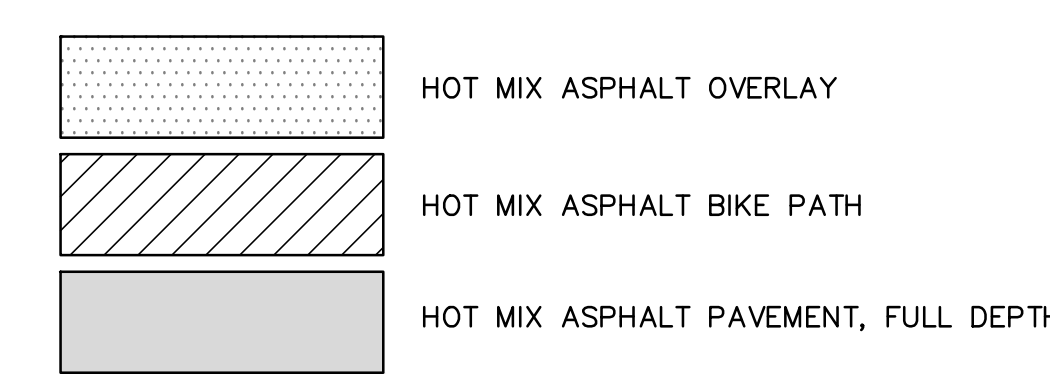
DRAWN BY: RLR DESIGN BY: RLR CHECKED BY: DAH SCALE: AS NOTED
DATE: 8/15/23 SHEET No.: 21 of 53
JOB No.: 08241062



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
4	PRIME COAT	GAL	2859	
5	TACK COAT	GAL	1225	
6	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK	SY	8167	
7	DENSE GRADED AGGREGATE BASE COURSE, 4" THICK	SY	2738	
8	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	1231	
9	HOT MIX ASPHALT 19M64 BASE COURSE, 3" THICK	TON	1409	
31	9"X18" CONCRETE VERTICAL CURB	LF	2009	
32	PRECAST CONCRETE WHEEL STOP	UN	138	
33	TRAFFIC MARKINGS LINES, 4"	LF	7993	
34	TRAFFIC MARKINGS LINES, 12"	LF	37.5	
35	TRAFFIC MARKINGS SYMBOLS	SF	225	
36	REGULATORY AND WARNING SIGNS	SF	48.22	
42	BIKE RACK	UN	1	
45	CONCRETE PAD, REINFORCED, 6" THICK	SY	455	
46	GREEN ACRES SIGN	UN	1	
79	PICNIC TABLE	UN	6	

PROPOSED SURFACE LEGEND



Jessica D. Hauber
DATE: 10-01-2024

JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

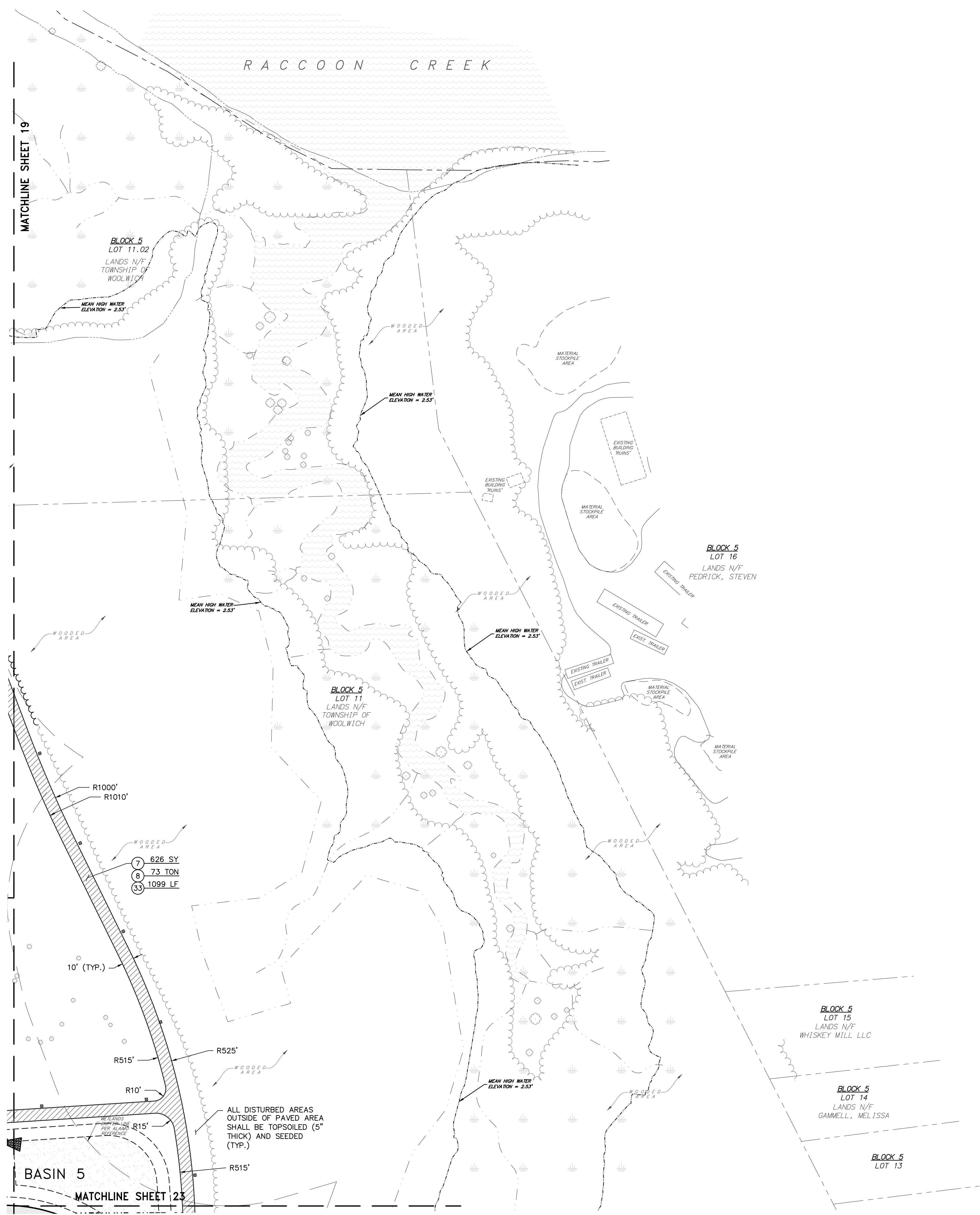
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2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

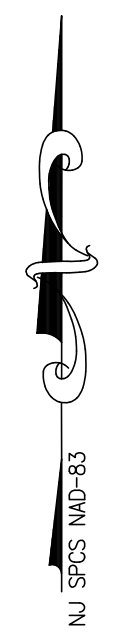
SITE PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	JOB No.: 0824T062		
SHEET No.: 22 of 53			



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
7	DENSE GRADED AGGREGATE BASE COURSE, 4" THICK	SY	626	
8	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	73	
33	TRAFFIC MARKINGS LINES, 4"	LF	1099	



Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

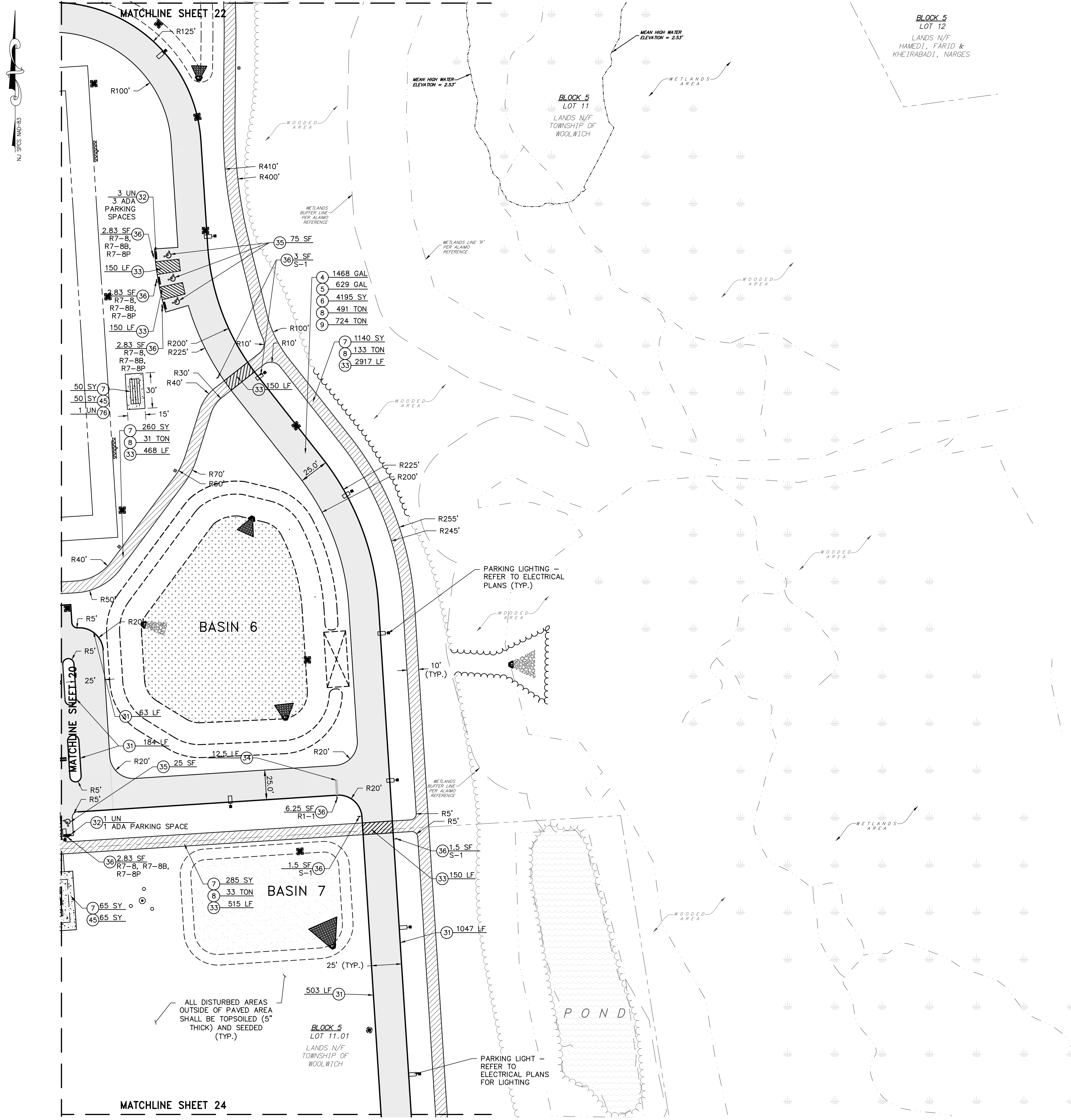
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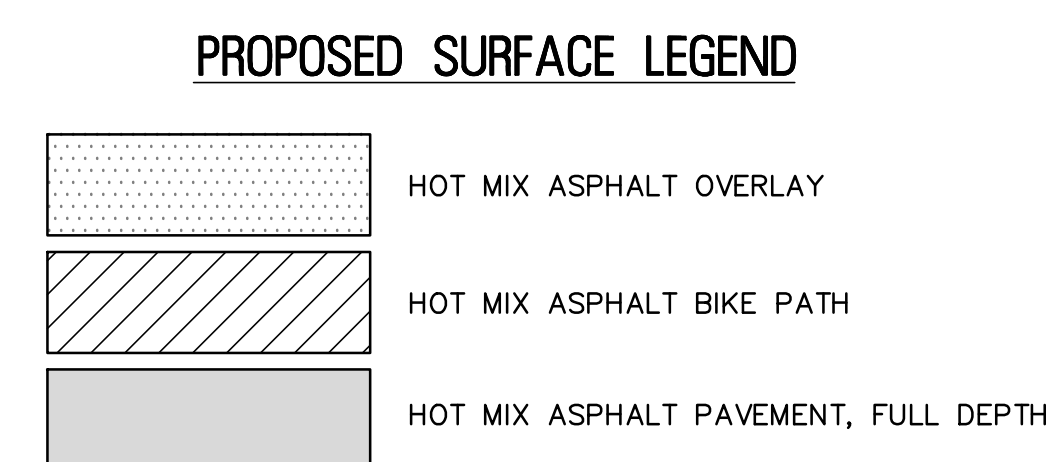
NO.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

SITE PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23		
JOB No.:	0824T062		
		23 of 53	



TO BE CONSTRUCTED				
ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
4	PRIME COAT	GAL	1468	
5	TACK COAT	GAL	629	
6	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK	SY	4195	
7	DENSE GRADED AGGREGATE BASE COURSE, 4" THICK	SF	1800	
8	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	698	
9	HOT MIX ASPHALT 19M64 BASE COURSE, 3" THICK	TON	724	
31	9"x18" CONCRETE VERTICAL CURB	LF	1797	
32	PRECAST CONCRETE WHEEL STOP	LN	4	
33	TRAFFIC MARKINGS LINES, 4"	LF	4500	
34	TRAFFIC MARKINGS LINES, 12"	LF	12.5	
35	TRAFFIC MARKINGS SYMBOLS	SF	100	
36	REGULATORY AND WARNING SIGNS	SF	23.57	
45	CONCRETE PAD, REINFORCED, 6" THICK	SY	115	
78	BLEACHERS	LN	1	



DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

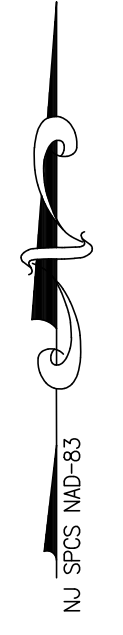
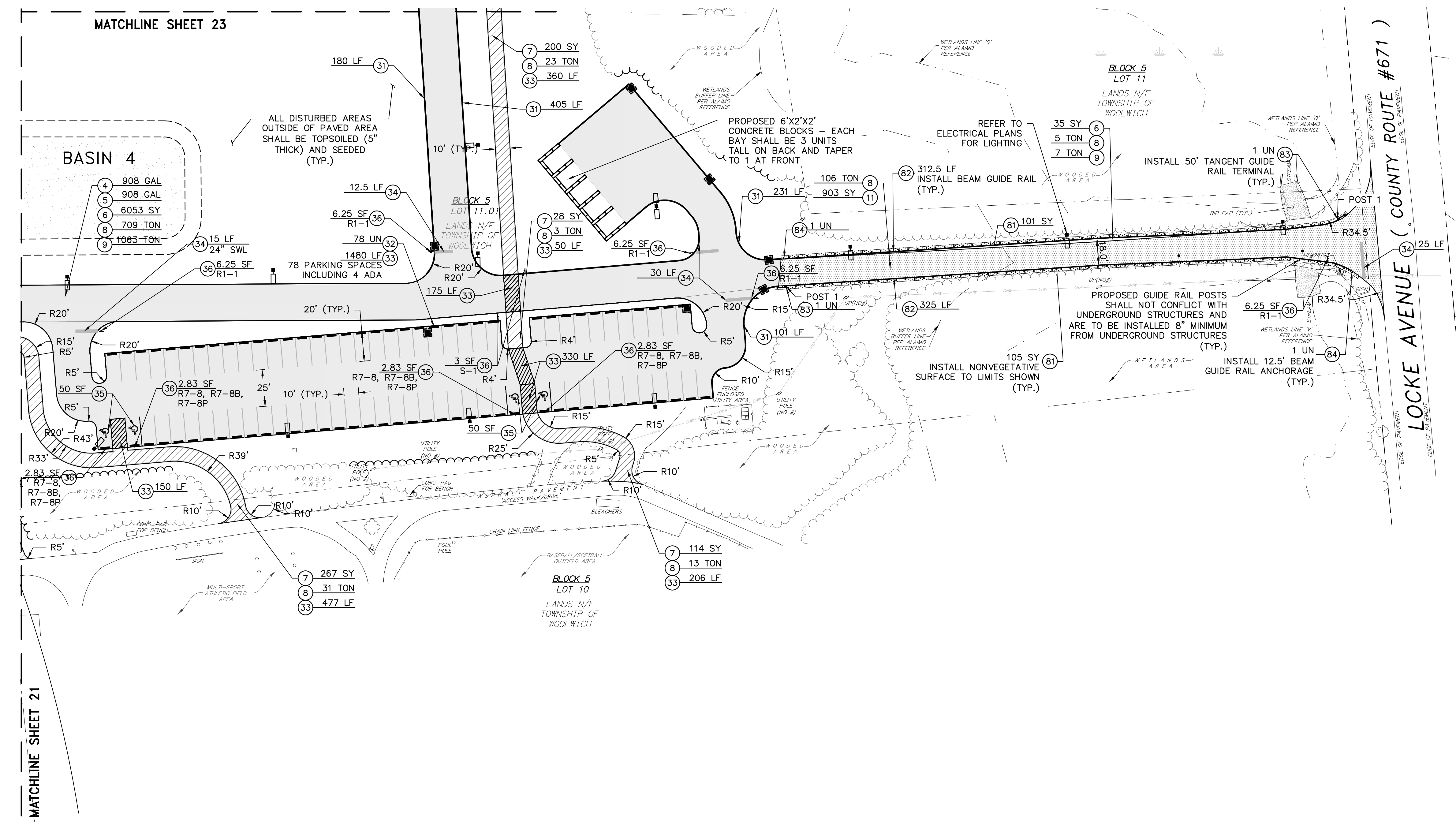
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NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
3	PER NJDEP COMMENTS	12/09/24	JH	JH
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

SITE PLAN
WOODWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOODWICH GLOUCESTER COUNTY NEW JERSEY

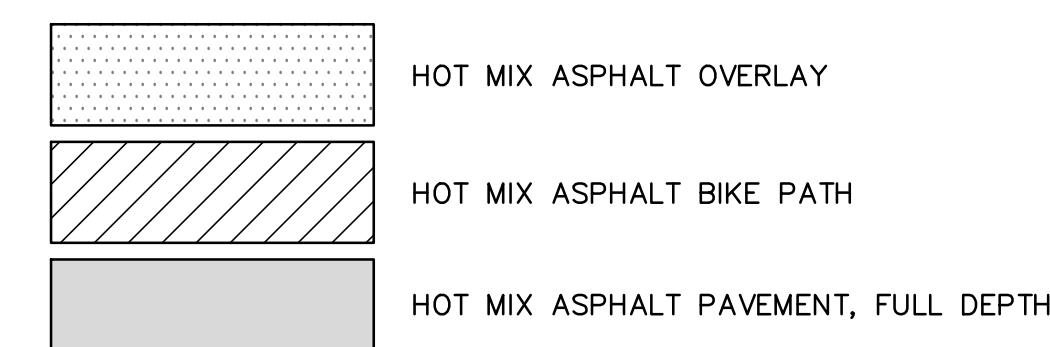
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RLR	RLR	DAH	AS NOTED
DATE:	DATE:	DATE:	SHEET No.:
8/15/23			24 of 53
JOB No.:	08241062		



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
4	PRIME COAT	GAL	908	
5	TACK COAT	GAL	908	
6	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK	SY	7034	
7	DENSE GRADED AGGREGATE BASE COURSE, 4" THICK	SY	609	
8	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	890	
9	HOT MIX ASPHALT 19M64 BASE COURSE, 3" THICK	TON	1213	
11	HMA MILLING, 3" OR LESS	SF	903	
31	9"x18" CONCRETE VERTICAL CURB	LF	917	
32	PRECAST CONCRETE WHEEL STOP	LN	78	
33	TRAFFIC MARKINGS LINES, 4"	LF	3228	
34	TRAFFIC MARKINGS LINES, 12"	LF	82.5	
35	TRAFFIC MARKINGS SYMBOLS	SF	100	
36	REGULATORY AND WARNING SIGNS	SF	45.57	
81	NON-VEGETATIVE SURFACE, POROUS HOT MIX ASPHALT, 4" THICK	SY	206	
82	BEAM GUIDE RAIL	LF	637.5	
83	TANGENT GUIDE RAIL TERMINAL	LN	2	
84	BEAM GUIDE RAIL ANCHORAGE	LN	2	

PROPOSED SURFACE LEGEND





BLOCK 5
LOT 6.05
LANDS N/V
CASEY, ASHLEY &
SCHURR, ANTHONY

MAPPED COASTAL WETLANDS
ADRIAN, BELMONT, BORDENTOWN & LAWRENCE TOWNSHIPS

BLOCK 5
LOT 6.07
LANDS N/V
NEW JERSEY DEPARTMENT
OF ENVIRONMENTAL
PROTECTION

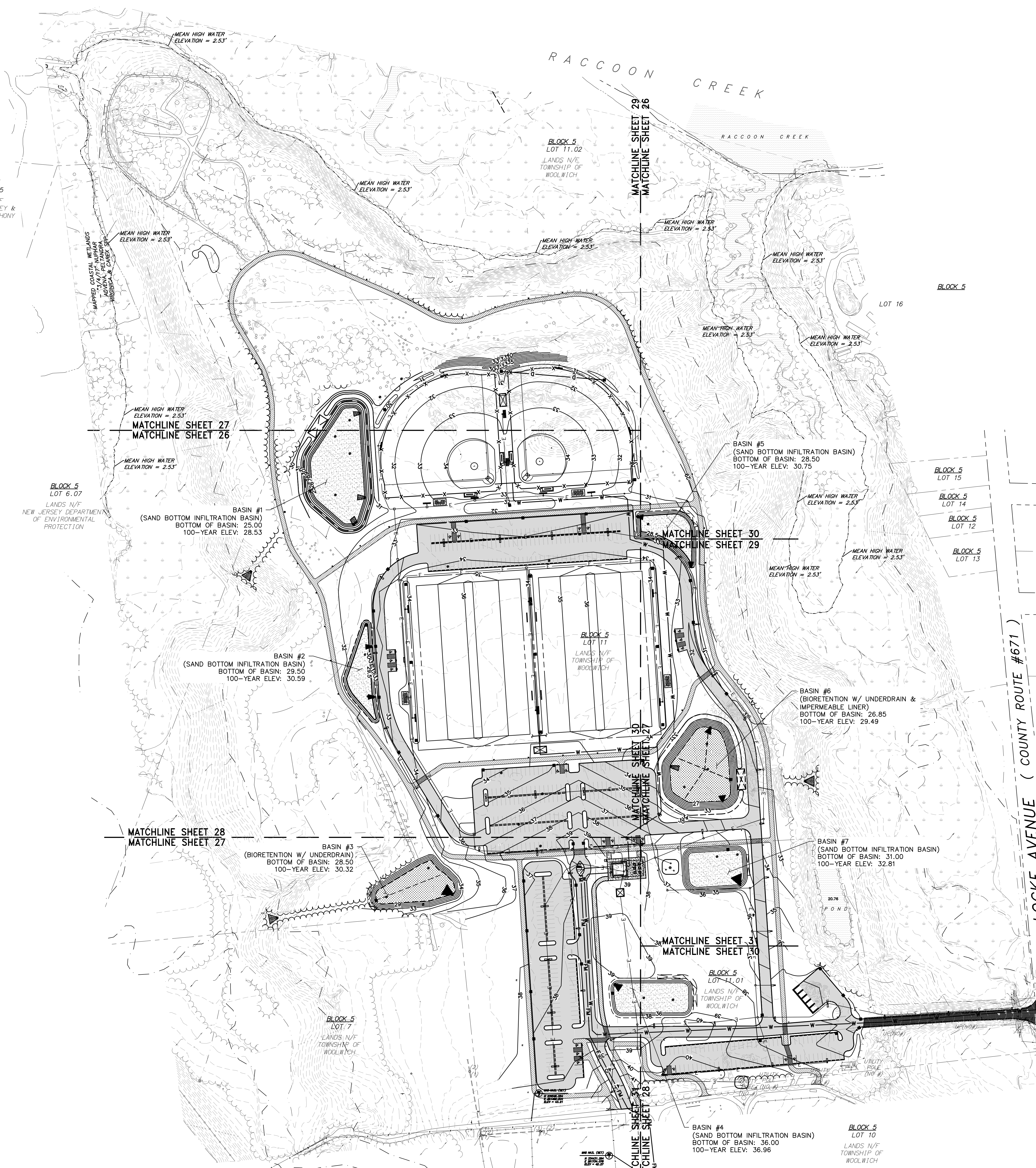
BLOCK 5
LOT 7
LANDS N/V
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11.02
LANDS N/V
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11
LANDS N/V
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11.01
LANDS N/V
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 10
LANDS N/V
TOWNSHIP OF
WOOLWICH



RVE
1901

REMINGTON & VERNICK ENGINEERS

2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
-ENGINEERING EXCELLENCE-

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

GRADING PLAN - OVERALL

WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	JOB No.:		SHEET No.:
8/15/23	08241062		25 of 53



Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

GRADING PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DATE:	SCALE:
8/15/23	AS NOTED
08241062	26 of 53



DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

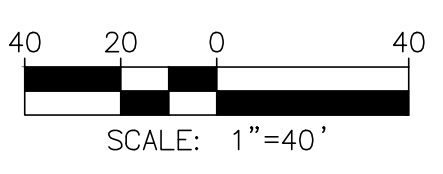
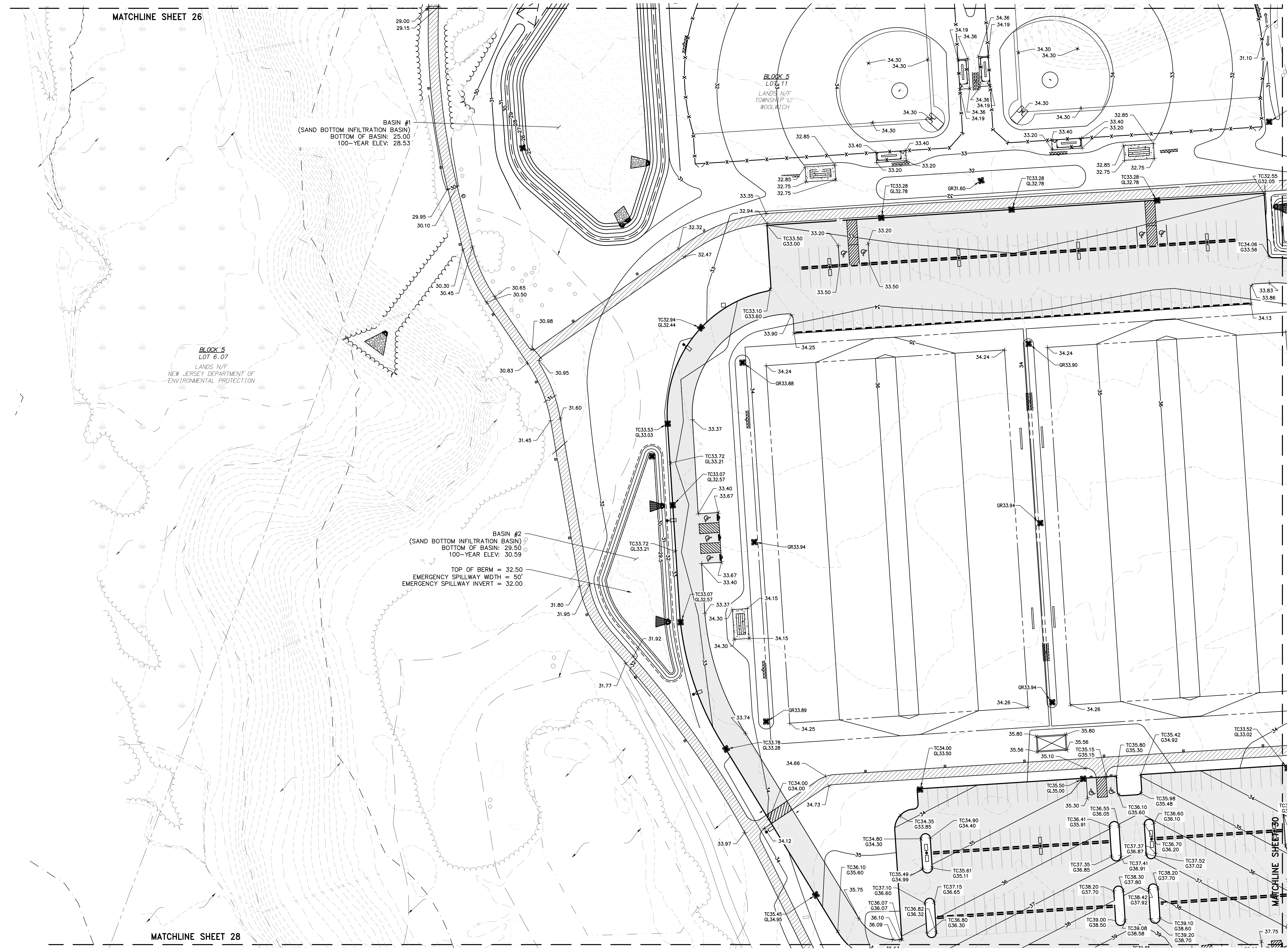
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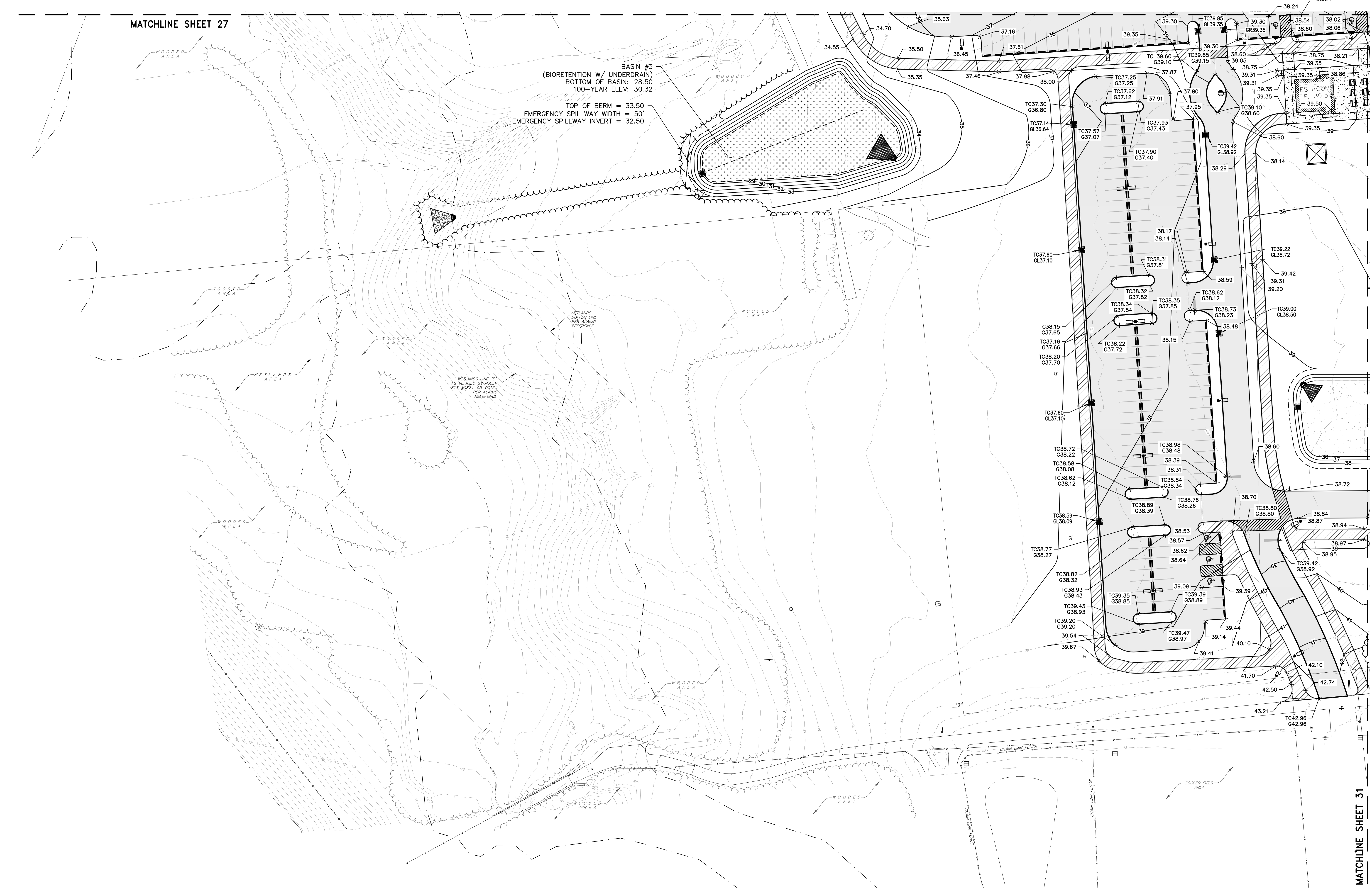
GRADING PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	27 of 53		
JOB No.:	0824T062		



NJ SP5 IMP-83

MATCHLINE SHEET 27



RVE
1901

REMINGTON & VERNICK ENGINEERS

2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
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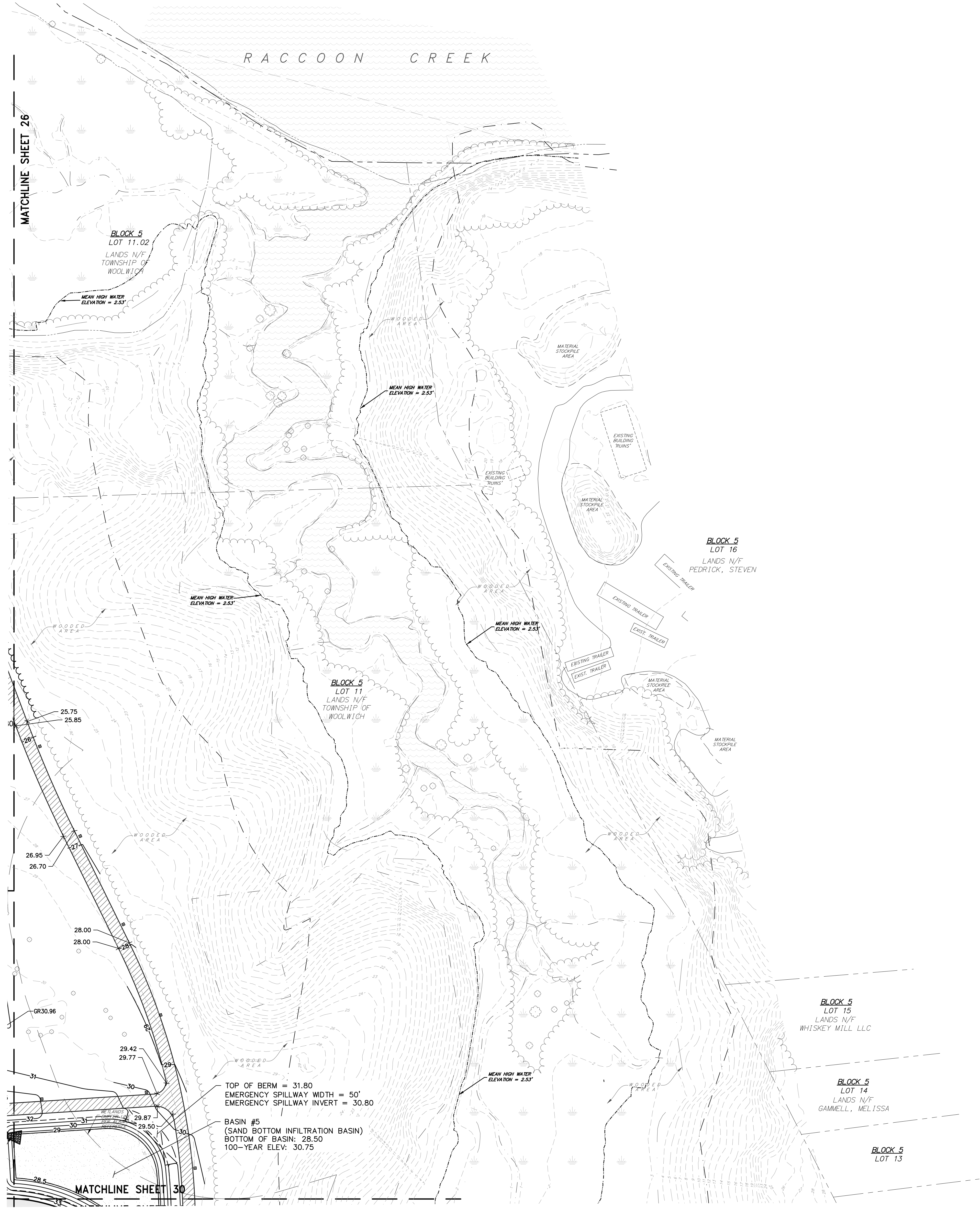
GRADING PLAN

WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY



DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	SHEET No.:		
8/15/23	28 of 53		
JOB No.:	08241082		

NJ SP15 (M)D-83



RACCOON CREEK

MATCHLINE SHEET 26

MATCHLINE SHEET 30

BLOCK 5
LOT 10
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 11
LANDS N/F
TOWNSHIP OF
WOOLWICH

BLOCK 5
LOT 12
LANDS N/F
PEDRICK, STEVEN

BLOCK 5
LOT 15
LANDS N/F
WHISKEY MILL LLC

BLOCK 5
LOT 14
LANDS N/F
GAMMELL, MELISSA

BLOCK 5
LOT 13

TOP OF BERM = 31.80
EMERGENCY SPILLWAY WIDTH = 50'
EMERGENCY SPILLWAY INVERT = 30.80

BASIN #5
(SAND BOTTOM INFILTRATION BASIN)
BOTTOM OF BASIN: 28.50
100-YEAR ELEV: 30.75

RVE
1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(856) 795-9595, FAX (856) 795-1882
WEB SITE ADDRESS : WWW.RVE.COM
Certification of Authorization: 24 GA 28003300
-ENGINEERING EXCELLENCE-

Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

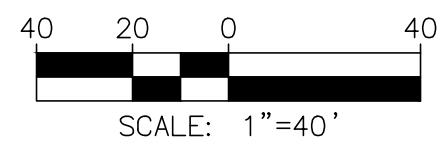
DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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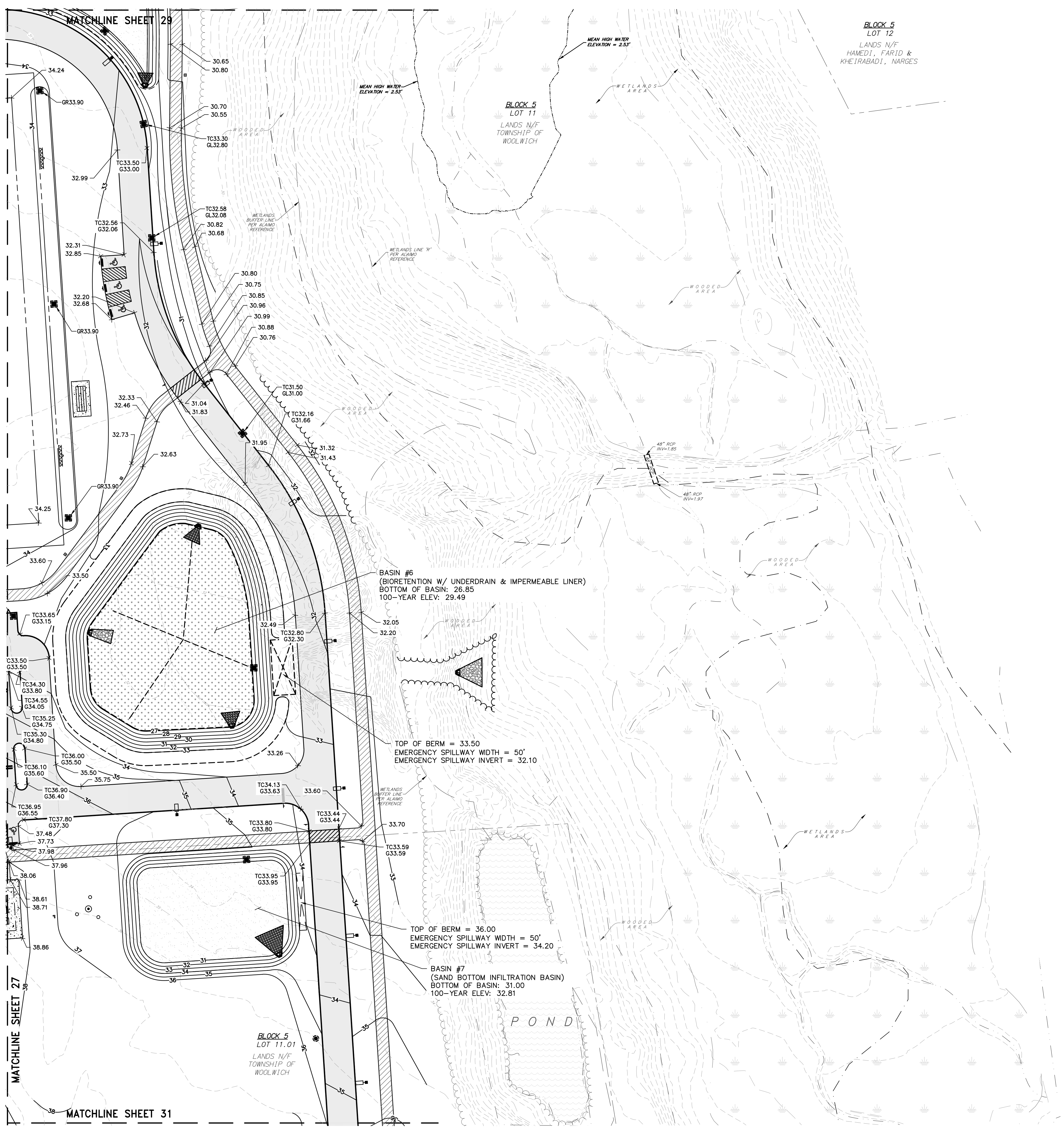
No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

GRADING PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	SHEET No.: 29 of 53		
JOB No.: 08241082			



NJ SPES 1900-83



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DATE: 10-01-2024
JESSICA D. HAUBER
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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

GRADING PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23	JOB No.:	08241082
			30 of 53



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 DATE: 10-01-2024

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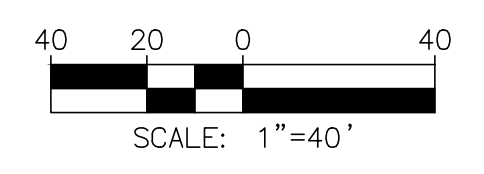
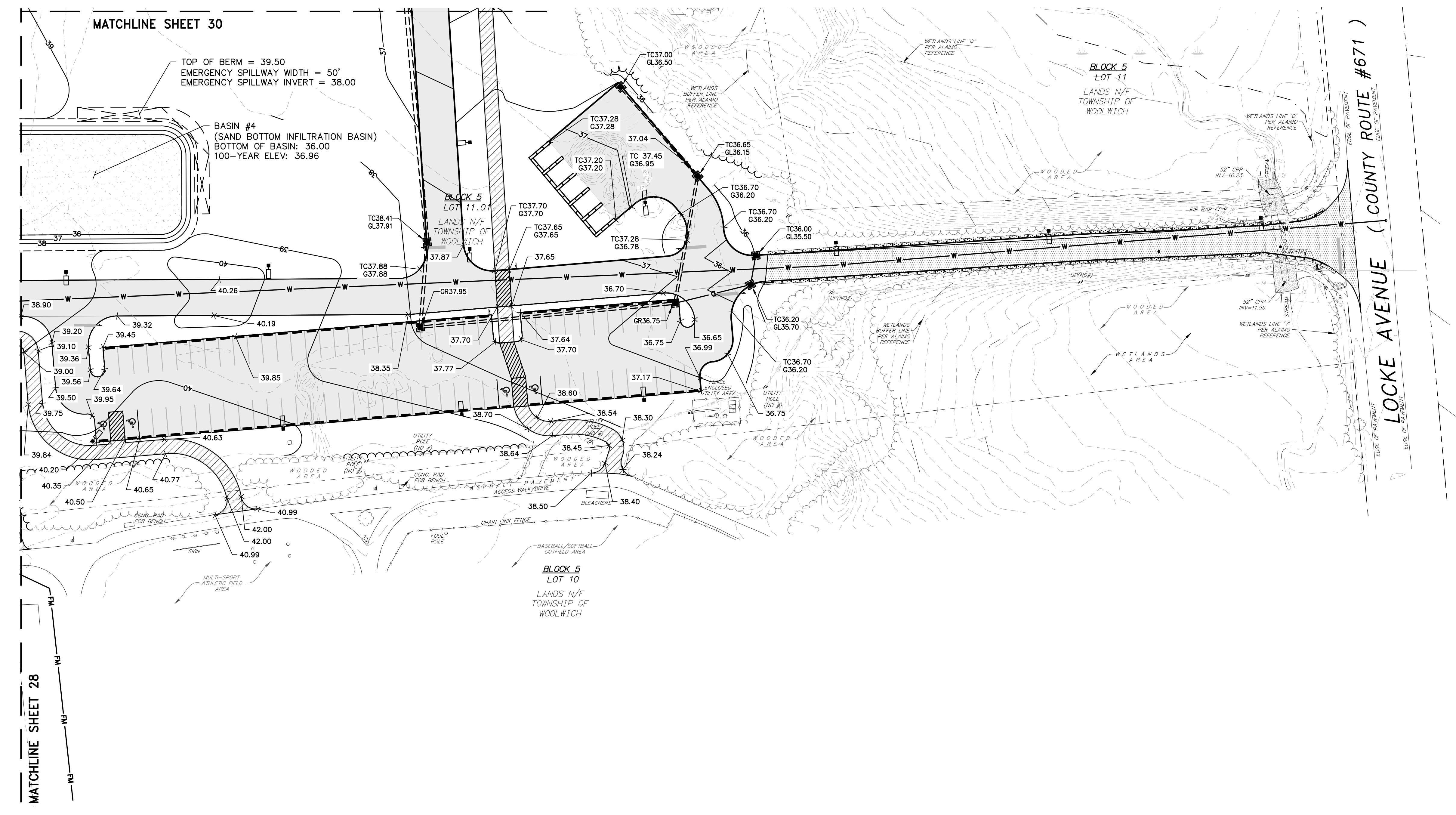
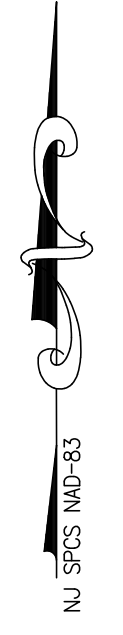
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No.	REVISION	DATE	BY	CHK
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

GRADING PLAN
 WOOLWICH TOWNSHIP
 LOCKE AVENUE PARK DEVELOPMENT
 PHASE 1
 TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY: RLR	DESIGN BY: RLR	CHECKED BY: DAH	SCALE: AS NOTED
DATE: 8/15/23	JOB No.: 0824T082		
SHEET No.: 31 of 53			

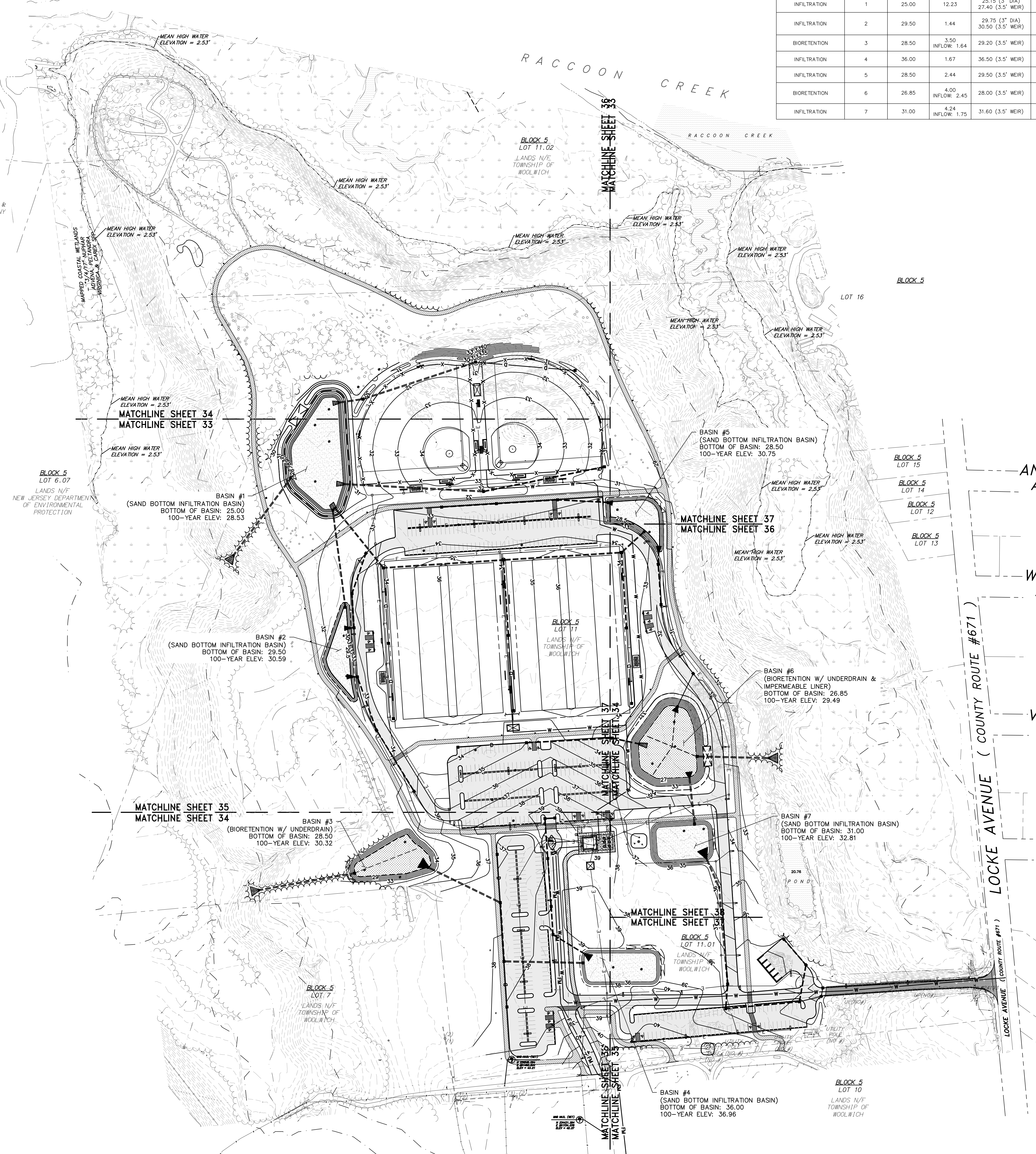


NUTS W/OUTS

BLOCK 5
LOT 6.05
LANDS N/F
CASEY, ASHLEY &
SCHURR, ANTHONY

BLOCK 5
LOT 6.07
LANDS N/F
NEW JERSEY DEPARTMENT
OF ENVIRONMENTAL
PROTECTION

MAPPED COASTAL WETLANDS
AUGUSTA, PENNSYLVANIA
ROBINSON & SONS



RACCOON CREEK

ANDERSON AVENUE

WEATHERBY AVENUE

VANNEMAN AVENUE

GUEST AVENUE

LOCKE AVENUE (COUNTY ROUTE #671)

BASIN TYPE	BASIN #	BASIN BOTTOM ELEVATION	DRAINAGE AREA (AC)	OUTLET ORIFICE ELEVATION	WO STORAGE ELEVATION	TSS REMOVAL RATE (%)	SHWT	TEST PIT NUMBER	MOUND ELEVATION (FT)	DRAIN TIME (HR)	TESTED INFILTRATION RATE (IN/HR)
INFILTRATION	1	25.00	12.23	25.15 (3" DIA) 27.40 (3.5" WEIR)	25.10	80	22.50	TP-1, 2, 13C & 14C	0.73	10.5	8.80
INFILTRATION	2	29.50	1.44	29.75 (3" DIA) 30.50 (3.5" WEIR)	29.74	80	27.00	TP-11C & TP-12C	1.67	2.6	8.60
BIORETENTION	3	28.50	3.50 INFLOW: 1.64	29.20 (3.5" WEIR)	29.01	80	24.50	TP-5, 6 & TP-10C	N/A	19.3	N/A
INFILTRATION	4	36.00	1.67	36.50 (3.5" WEIR)	36.21	80	33.50	TP-1C & TP-2C	1.41	12.6	1.30
INFILTRATION	5	28.50	2.44	29.50 (3.5" WEIR)	29.44	80	23.50	TP-8C & TP-9C	4.40	4.0	6.10
BIORETENTION	6	26.85	4.00 INFLOW: 2.45	28.00 (3.5" WEIR)	27.31	80	25.50	TP-3, TP-4, TP-5C, TP-6C & TP-7C	N/A	53.0	N/A
INFILTRATION	7	31.00	4.24 INFLOW: 1.75	31.60 (3.5" WEIR)	31.55	80	25.00	TP-3C & TP-4C	3.72	13.1	1.70

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-ENGINEERING EXCELLENCE-

DESIGN BY: *Jessica D. Hauber*
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

DATE: 10-01-2024
KENNETH C. RESSLER
NJ PROFESSIONAL ENGINEER LIC. No. 34559

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No.	REVISION	DATE	BY	CHK
3	PER NJDEP COMMENTS	12/09/24	JH	JH
2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

OVERALL DRAINAGE & UTILITY PLAN
WOOLWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23	SHEET No.:	32 of 53
JOB No.:	08241062		



Jessica D. Hauber
DATE: 10-01-2024
JESSICA D. HAUBER
NJ PROFESSIONAL ENGINEER LIC. No. 51487

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No.	REVISION	DATE	BY	CHK
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2	PER NJDEP COMMENTS	07/30/24	JH	JH
1	PER NJDEP COMMENTS	04/24/24	JH	JH

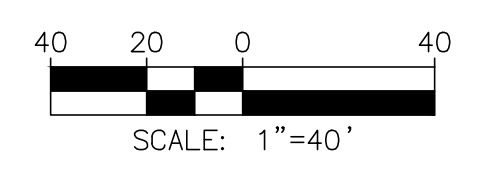
DRAINAGE & UTILITY PLAN
WOODRICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOODRICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23		
JOB No.:	0824T062		
SHEET No.:		33 of 53	



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
17	12" REINFORCED CONCRETE PIPE, CLASS III	LF	239	
20	24" REINFORCED CONCRETE PIPE, CLASS III	LF	340	
23	INLET, TYPE E	UN	3	
25	CONCRETE HEADWALL	CY	4.3	
26	RIPRAP STONE SLOPE PROTECTION, 12" THICK (D50 = 3")	SY	12	



DESIGNED BY: *Jessica D. Hauber*
DATE: 10-01-2024
JESSICA D. HAUBER
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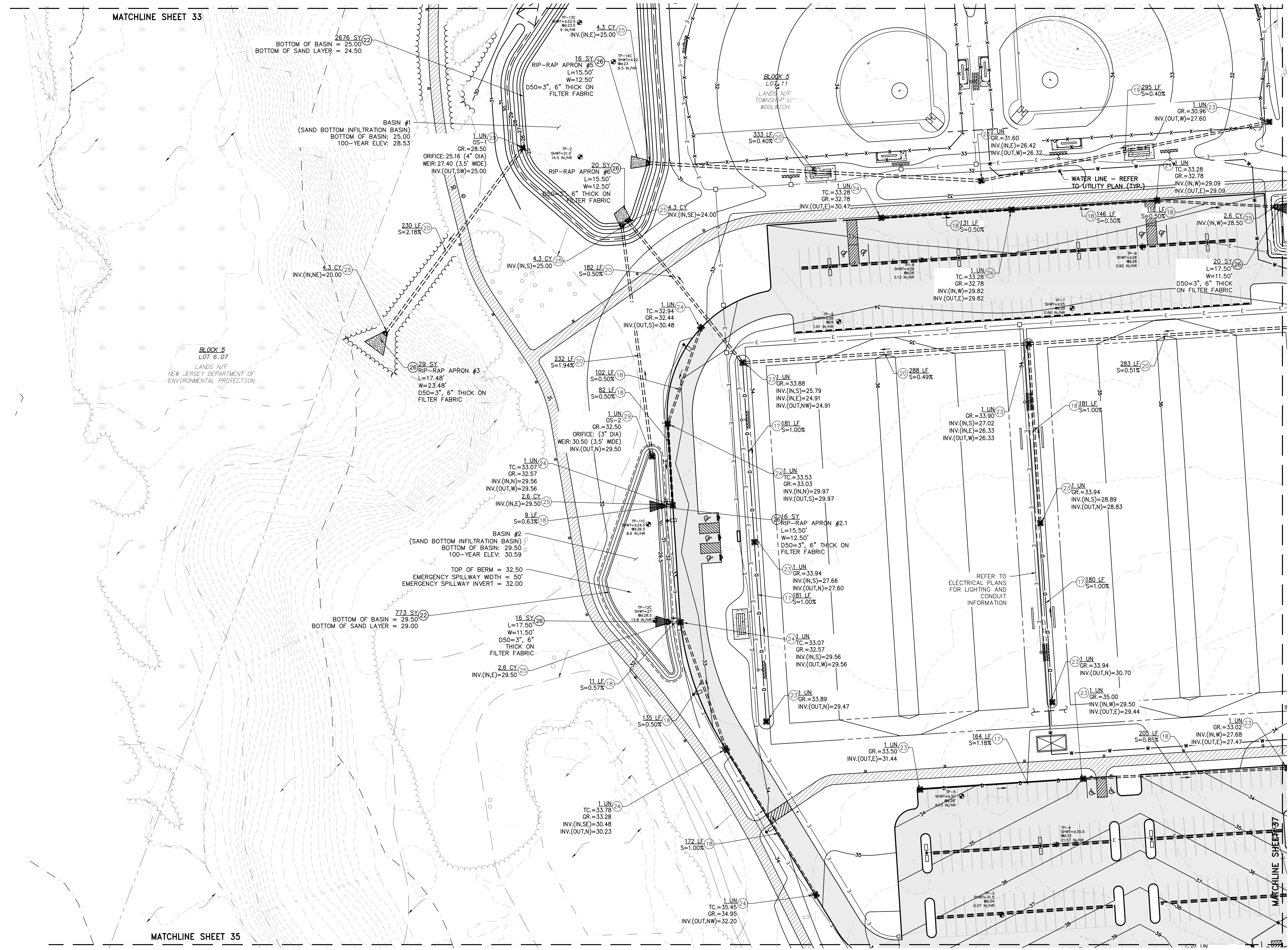
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1	PER NJDEP COMMENTS	04/24/24	JCH	JCH

DRAINAGE & UTILITY PLAN
WOODWICH TOWNSHIP
LOCKE AVENUE PARK DEVELOPMENT
PHASE 1
TOWNSHIP OF WOOLWICH GLOUCESTER COUNTY NEW JERSEY

DRAWN BY:	DESIGN BY:	CHECKED BY:	SCALE:
RLR	RLR	DAH	AS NOTED
DATE:	8/15/23	SHEET No.:	34 of 53
JOB No.:	08241062		



TO BE CONSTRUCTED

ITEM NO.	DESCRIPTION	UNIT	PLAN QUANTITY	AS-BUILT QUANTITY
17	12" REINFORCED CONCRETE PIPE, CLASS III	LF	737	
18	15" REINFORCED CONCRETE PIPE, CLASS V	LF	1263	
19	18" REINFORCED CONCRETE PIPE, CLASS III	LF	295	
20	24" REINFORCED CONCRETE PIPE, CLASS III	LF	1548	
22	SAND BOTTOM INFILTRATION BASIN	SY	3449	
23	INLET, TYPE E	UN	11	
24	INLET, TYPE B	UN	9	
25	CONCRETE HEADWALL	CY	25	
26	RIPRAP STONE SLOPE PROTECTION, 6" THICK (D50 = 3")	SY	65	
29	OUTLET CONTROL STRUCTURE	UN	2	

