

GENERAL NOTES:

- THESE PLANS REFERENCE LOCATION AND TOPOGRAPHIC SURVEYS PREPARED BY:
 NAME : COLLIER'S ENGINEERING & DESIGN
 331 NEWMAN SPRINGS ROAD
 SUITE 203
 RED BANK, NJ 07701

 PHONE: (732) 383-1950
 DATED: 12/14/2021

 MORGAN ENGINEERING AND SURVEYING
 P.O. BOX 5232
 TOMS RIVER, NJ 08754

 PHONE: (732) 270-9690
 DATED: 02/05/2021
 REVISED: 05/27/2021

 HORIZONTAL DATUM: NAD 83
 VERTICAL DATUM: NGVD 88
- OWNER/APPLICANT: NEW JERSEY AMERICAN WATER
 AMERICAN WATER ENGINEERING
 1 WATER STREET
 CAMDEN, NJ 08102
- PARCEL: 625 OLD COLLIES AVENUE
 NEPTUNE, NJ 07753
 BLOCK 3001, LOT 12 - TOWNSHIP OF NEPTUNE
- ZONE: LI (LIGHT INDUSTRIAL)
 R-2 (LOW DENSITY SINGLE-FAMILY RESIDENTIAL)
- CONDITIONAL USE: EXISTING - PUBLIC UTILITY FACILITY
 PROPOSED - PUBLIC UTILITY FACILITY (NC)
- BULK REQUIREMENTS:

ZONING REQUIREMENTS FOR LIGHT INDUSTRIAL ZONE LI & LOW DENSITY RESIDENTIAL ZONE R-2				
ITEM	LI REQUIRED	R-2 REQUIRED	EXISTING	PROPOSED
LOT AREA (MIN.)	40,000 SF	10,000 SF	811,461 SF	811,461 SF (NC)
LOT DENSITY (MAX.)	N/A	4.3	N/A	N/A
FLOOR AREA RATIO (MAX.)	1.6	N/A	0.03	0.04
LOT WIDTH (MIN.)	150'	100'	882'	882' (NC)
LOT FRONTAGE (MIN.)	150'	100'	1,151'	1,151' (NC)
LOT DEPTH (MIN.)	200'	100'	1,247'	1,247' (NC)
FRONT YARD SETBACK (MIN.)	40'	25'	49.07'	49.07' (NC)
SIDE YARD SETBACK (MIN.)	25'	10'	11.81'	11.81' (EN) (NC)
COMBINED SIDE YARD SETBACK (MIN.)	50'	25'	113.58'	85.4'
REAR YARD SETBACK (MIN.)	25'	30'	199.25'	199.25' (NC)
BUILDING COVERAGE (MAX.)	40%	30%	2.99%	4.42%
LOT COVERAGE (MAX.)	70%	40%	16.5%	17.8%
NUMBER OF STORIES (MAX.)	4	2.5	2	2 (NC)
BUILDING HEIGHT (MAX.)	60'	35'	<35'	<35' (V)**
IMPROVABLE AREA (MIN.)	16,800 SF	2,400 SF	292,736 SF	292,736 SF (NC)
IMPROVABLE AREA - DIA. OF CIRCLE (MIN.)	84'	32'	610'	610' (NC)
OFF-STREET PARKING SPACES	N/A	N/A	14	18
LOADING SPACES	N/A	N/A	1	1 (NC)
SIGNS	N/A	N/A	N/A	N/A
EXISTING USE:	WATER TREATMENT PLANT			
PROPOSED USE:	WATER TREATMENT PLANT			
EXISTING FLOOR AREA:	24,290 SF			
PROPOSED FLOOR AREA:	35,650 SF			

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- PARKING REQUIREMENTS (WAREHOUSE AND DISTRIBUTION FACILITY)
 REQUIRED: (1) PARKING SPACE / 2,500 SF GROSS FLOOR AREA
 EXISTING: 24,290 SF / 2,500 SF = 10 PARKING SPACES
 EXISTING PARKING SPACES (10' X 18'): 14 SPACES
 PROPOSED: 35,650 SF / 2,500 SF = 15 SPACES
 PROPOSED PARKING SPACES (10' X 18'): 18 SPACES
- CONDITIONAL USE REQUIREMENTS:
 - NO BUILDING MAY EXCEED TWENTY (20) FEET IN HEIGHT (V)
 - SIX (6) FOOT HIGH BOARD-ON-BOARD FENCE TO BE PROVIDED TO SCREEN THE PUBLIC UTILITY FACILITY FROM PUBLIC VIEW (V)
 - A STRUCTURE ASSOCIATED WITH THE PUBLIC UTILITY FACILITY IN A NON-RESIDENTIAL ZONE DISTRICT MAY NOT BE LOCATED CLOSER THAN FIFTY (50) FEET TO THE RESIDENTIAL PROPERTY LINE (EN)
- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH NJAW STANDARDS AND SPECIFICATIONS, NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2019 WITH AMENDMENTS THERETO, AND AS SPECIFIED IN THIS SITE PLAN AND TECHNICAL SPECIFICATIONS.
- PROVIDE PROPER AND SUFFICIENT CONSTRUCTION PROTECTION TO THE WORKERS AND THE PUBLIC. OSHA AND OTHER LOCAL, STATE, AND FEDERAL CODES SHALL BE FOLLOWED.
- ALL WORK AND MATERIAL SHALL MEET THE REQUIREMENTS OF THE STATE OF NEW JERSEY UNIFORM CONSTRUCTION CODE AND ANY LOCAL CONSTRUCTION CODES, LATEST EDITION.
- ALL QUANTITIES SHOWN HEREIN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. VERIFY ALL QUANTITIES AND PROVIDE ALL MATERIAL, LABOR, SURVEYING, AND COORDINATION WITH UTILITY COMPANIES AND CONTRACTING OFFICER / REPRESENTATIVE, ETC. NECESSARY TO CONSTRUCT THE PROJECT COMPLETE AS GENERALLY INTENDED IN THE CONTRACT DOCUMENTS.
- ALL SITE CURBING SHALL BE CONCRETE.
- RESTORE ALL DISTURBED PERVIOUS AREAS WITH TOPSOIL, FERTILIZER, AND SEED UNLESS OTHERWISE NOTED. RESTORE ANY PAVEMENT AREAS THAT WERE DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF NJAW.
- IMPLEMENT AND MAINTAIN ALL SOIL EROSION CONTROL STRUCTURES AND MEASURES THROUGHOUT CONSTRUCTION. ALL REQUIREMENTS FROM THE FREEHOLD SOIL CONSERVATION DISTRICT SHALL BE FOLLOWED. MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION SHALL BE SUBMITTED TO NJAW FOR REVIEW AND THE CONSERVATION DISTRICT FOR APPROVAL.
- ALL EXISTING SITE INLETS AND/OR SWALES IMMEDIATELY BELOW THE DISTURBED AREA SHALL HAVE TEMPORARY FILTER FABRIC / CHECK DAMS OR APPROVED EQUAL TO PREVENT ENTRY OF SEDIMENT DURING CONSTRUCTION. DISTURBED AREAS SHALL BE STABILIZED BY SEEDING OR STABILIZING FABRIC IN ACCORDANCE WITH THE SOIL EROSION CONTROL PLAN. SUBMIT AN UPDATED SEQUENCE OF CONSTRUCTION SCHEDULE PRIOR TO START OF WORK.
- IN CASE OF DISCREPANCIES BETWEEN THESE PLANS AND THE PROJECT SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- DESIGN ALL TEMPORARY CONSTRUCTION STRUCTURES SUCH AS SHEETING & SHORING FOR EXCAVATIONS, CLOSURES, BARRICADES, RAILINGS, AND TEMPORARY PROTECTION USED TO PROTECT EXISTING STRUCTURES, WORK, THE PUBLIC, AND PERSONNEL. IF REQUESTED, PROVIDE DESIGN CALCULATIONS AND DRAWINGS SHOWING LOCATION, EXTENT, AND CONSTRUCTION DETAILS OF SAID TEMPORARY STRUCTURES AND SUPPORTS PROPOSED. ALL DOCUMENTS SHALL BE PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NJ.
- ALL INGRESS AND EGRESS TO AND FROM THE CONSTRUCTION SITE SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES. CONSTRUCTION EQUIPMENT WILL NOT BE PERMITTED TO OBSTRUCT ROADWAYS AND/OR PASSAGEWAYS. ALL STAGING, MATERIAL STORAGE, OPERATIONS, TRAILERS, ETC. SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE.
- MAINTAIN THE CONSTRUCTION SITE AND THE AREAS OF WORK WHILE PERFORMING THE WORK OF THIS CONTRACT. CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION SITE ON A DAILY BASIS. NO BURNING OF DEBRIS OR EXPLOSIVES SHALL BE PERMITTED.
- PREPARE, LAYOUT, AND INSTALL WORK IN SUCH A MANNER AS NOT TO DELAY OR INTERFERE WITH THE PROGRESS OF OTHER CONTRACT WORK AND/OR ANY WORK DESIGNATED TO BE PERFORMED UNDER ANY OTHER CONTRACTS.
- PERFORM ALL WORK IN THE CONTRACT DOCUMENTS INCLUDING DEMOLITION AND REMOVALS AND INSTALLATION OF ALL MATERIALS IN FULL COMPLIANCE WITH CODES, RULES, AND REGULATIONS GOVERNING SAID WORK.
- BEFORE THE EXECUTION OF WORK, NOTIFY NJ ONE-CALL (1-800-272-1000), AND ALL LOCAL UTILITY COMPANIES OWNING OR HAVING JURISDICTION CONCERNING POLES, CONDUITS, PIPE UTILITIES, ETC. ON / ADJACENT TO THE SITE AND ARRANGE FOR REMOVAL OR RELOCATION OF THE ITEMS AS REQUIRED TO COMPLETE THE WORK.

GENERAL NOTES (CONT.):

- PROVIDE ALL TESTING SERVICES.
- ALL QUALITY CONTROL INSPECTION AND TESTING SHALL BE MADE BY AN NJDOT-APPROVED LABORATORY. COPIES OF ALL REPORTS AND TESTING RESULTS ASSOCIATED WITH THE QUALITY CONTROL PROGRAM SHALL BE SUBMITTED TO THE A/E.
- ILLUMINATE EXCAVATED TRENCHES AND OPENINGS, PROVIDE SIGNS AND BARRICADES AS NECESSARY, TO PROTECT AGAINST INJURY TO WORKERS, PEDESTRIANS, WILDLIFE, ETC.
- DO NOT SCALE DRAWINGS, DETAILS, NOTES, AND THE LIKE ARE TYPICAL AND APPLY IN GENERAL TO SIMILAR CONDITIONS.
- ALL WORK WILL BE SCHEDULED AND FULLY COORDINATED IN ADVANCE OF PERFORMANCE WITH THE OWNER.
- ALL CURB / EOP RADII ARE 3' UNLESS OTHERWISE NOTED.
- PROVIDE MAINTENANCE OF TRAFFIC AS REQUIRED. SUBMIT PLAN FOR REVIEW AND APPROVAL BY OWNER. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.

DEMOLITION NOTES:

- ENSURE THAT ALL PIPES, CATCH BASINS, MANHOLES, SWALES, ETC. WITHIN AND NEAR THE AREA OF WORK ARE KEPT FREE FROM MATERIAL THAT WOULD HAMPER THE PERFORMANCE OF THE DRAINAGE SYSTEMS DURING CONSTRUCTION. PERIODICALLY CLEAN CATCH BASIN SEDIMENT TRAPS. UPON COMPLETION OF CONSTRUCTION, REMOVE ALL ACCUMULATED SEDIMENT. DISPOSE OF ALL UNSUITABLE OR EXCESS EXCAVATED MATERIALS.
- UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS, EQUIPMENT, AND UNUSED MATERIALS FROM THE PROJECT SITE.
- ALL EXCAVATED ASPHALT AND CONCRETE SHALL BE RECYCLED AND RECOVERED PER STATE OF NEW JERSEY REGULATIONS.
- EXCAVATED SOIL MAY BE USED FOR BACKFILLING AND FILLING PROVIDED IT MEETS THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
- REMOVE ALL PONDED WATER ON THE SITE RESULTING FROM OPERATIONS.
- EXERCISE CARE TO PREVENT DAMAGE TO ANY MATERIALS OR STRUCTURES THAT ARE TO REMAIN IN PLACE. REPAIR ANY DAMAGE TO ORIGINAL CONDITION.
- ALL AREAS OUTSIDE THE "LIMITS OF WORK" WHICH ARE DAMAGED BY THE WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND THAT OF THE SURROUNDING AREA. THE RESTORATION SHALL BE APPROVED BY NJAW.
- ALL DEMOLISHED MATERIAL, EXCEPT ITEMS DIRECTED BY THE CONTRACT DOCUMENTS TO BE SALVAGED, IS TO BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
- ALL PRECAUTIONS SHALL BE TAKEN AS NECESSARY OR MAY BE REQUIRED TO PERMANENTLY PREVENT CONTAMINATED WATER, GASOLINE, OR ANY OTHER CONTAMINANT FROM ENTERING EXCAVATIONS AND/OR SURFACE AREAS.
- DISPOSAL OF HAZARDOUS OR CONTAMINATED MATERIALS, GROUNDWATER, OR UNSATISFACTORY SOILS AND/OR MATERIALS ENCOUNTERED SHALL BE IN ACCORDANCE WITH ALL STATE, AND LOCAL REQUIREMENTS. SHOULD SUSPECT SOILS / SUBGRADE BE ENCOUNTERED, CONTACT NJAW AND THE A/E IMMEDIATELY.
- REMOVE BRUSH, SHRUBS, DOWN-TIMBER, ROOTS, RUBBISH, SIGNS, STRUCTURES, FENCES, AND EXISTING IMPROVEMENTS WHERE INDICATED AND/OR WITHIN THE DEVELOPMENT AREAS FROM THE CONSTRUCTION SITE PROPERTY IN ACCORDANCE WITH APPROVED SCHEDULE. THE SITE SHALL BE LEFT IN AN ORDERLY AND NEAT CONDITION.
- ARRANGE WITH NJAW PRIOR TO THE DISCONNECTION AND RECONNECTION OF UTILITY SERVICES AND REMOVAL OF FITTINGS AND EQUIPMENT WHERE REQUIRED BY THE WORK BEFORE STARTING DEMOLITION WORK. PROVIDE TEMPORARY UTILITY SERVICES AS REQUIRED TO AVOID INTERRUPTION OF SERVICES TO OTHER FACILITIES.
- STRICTLY OBSERVE POLICE AND FIRE PREVENTION CODE REGULATIONS AT ALL TIMES.
- CONTROL DUST BY PERIODICALLY SPRAYING DEMOLITION WORK WITH WATER, PER FREEHOLD SOIL CONSERVATION DISTRICT STANDARDS.
- THE INTENT OF THE DEMOLITION ON THE DRAWINGS IS TO GENERALLY OUTLINE THE TYPES OF MATERIALS TO BE REMOVED AND THE LIMITS OF THE REMOVALS. THE QUANTITY OF ITEMS TO BE REMOVED WITHIN THE LIMITS OF DEMOLITION REQUIRED MAY VARY FROM THOSE DEPICTED ON THE PLANS. THE INTENT AND REQUIREMENT IS TO REMOVE THE EXISTING VEGETATION AND IMPROVEMENTS AS REQUIRED TO CONSTRUCT THE PROPOSED DEVELOPMENT. UTILIZE ALL MEANS AND METHODS INCLUDING SAFETY REQUIREMENTS.
- CONCRETE CURB SHALL BE REMOVED TO THE NEAREST JOINT.
- PAVEMENT SAWCUT SHALL EXTEND A MINIMUM OF 2 FEET BEYOND EXISTING SITE FEATURES. ALL SAWCUTS OF PAVEMENTS SHALL BE FULL DEPTH.

GRADING NOTES:

- GRADE: MAXIMUM SLOPE OF DISTURBED AREAS RECEIVING TOPSOIL, FERTILIZER, AND SEED SHALL BE 3:1. STEEPER GRADES SHALL BE RESTORED WITH EROSION CONTROL MATTING.
- ALL SUB-GRADE MATERIAL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. PROVIDE CERTIFICATION BY A PROFESSIONAL GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF NEW JERSEY, THAT ALL SUBGRADES BELOW STRUCTURAL IMPROVEMENTS INCLUDING DRAINAGE STRUCTURE, PAVEMENT, AND OTHER PROJECT COMPONENTS HAVE BEEN COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ALL TOPSOIL TO BE RE-USED SHALL BE SCREENED, TESTED, AND SUPPLEMENTED AS REQUIRED TO COMPLY WITH THE REQUIREMENTS OF NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALL TOPSOIL SHALL PASS THROUGH A 1/4" SIEVE BEFORE PLACEMENT IN TURF AREAS.
- REPORT SUBGRADES NOT MEETING THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS TO THE A/E.
- VERIFY ALL GRADES PRIOR TO CONSTRUCTION.
- PROVIDE CURB GRADE SHEETS TO THE A/E FOR REVIEW PRIOR TO CURB INSTALLATION.
- WHERE PROPOSED CURBING IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT TO REMAIN, THE TOP OF CURB SHALL BE SET GENERALLY 6" ABOVE THE EXISTING PAVEMENT AS REQUIRED BY THE CONTRACT DOCUMENTS.
- BORING LOCATIONS AND CLASSIFICATION OF SUBGRADE MATERIALS CAN BE FOUND IN THE GEOTECHNICAL REPORT LOCATED WITHIN THE PROJECT SPECIFICATIONS.
- ALL SURPLUS TOPSOILS AND SUBSOILS ARE TO BE REMOVED FROM THE PROPERTY AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. NO HAZARDOUS MATERIALS ARE ANTICIPATED TO BE ENCOUNTERED.
- ANY SPILLS OF HAZARDOUS, SANITARY WASTES, FUELS, OILS, ETC. MUST BE REPORTED TO NJAW AND THE A/E. SPILLS MUST BE RESPONDED TO BY THE CONTRACTOR IMMEDIATELY (IF SAFE TO DO SO) TO PREVENT MIGRATION TO STORM DRAINS/INLETS, SOILS, ETC.



REVISIONS		REVISIONS	
1	BUILDING ADDITION, TEMPORARY SHED AND TANK WITH ENCLOSURE DP 09/07/23		



JOSEPH N. BONGIOVANNI

 NEW JERSEY AMERICAN WATER

 DRAWN BY PROJECT ENGR

 DATE 10/24/22

 PROJECT I18-180059-01

 NJ LICENSED PROFESSIONAL ENGINEER
 24GE04377400

AMERICAN WATER ENGINEERING
 1 WATER STREET
 CAMDEN, NJ 08102

 NEW JERSEY AMERICAN WATER

 DATE 10/24/22

 PROJECT I18-180059-01

**CLEARWELL / HIGH SERVICE PUMP STATION
 ADDITION AND CHLORINE CONVERSION
 CIVIL
 GENERAL NOTES**

NEW JERSEY AMERICAN WATER	USE DIMENSIONS ONLY SCALE: N.T.S.
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	C-001

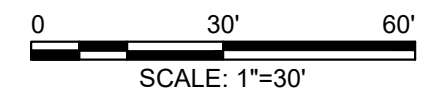
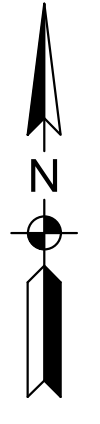


GENERAL SHEET NOTES

1. ALL COMPONENTS OF THE ELECTRIC SLIDE GATE, INCLUDING BUT NOT LIMITED TO, THE CONTROL UNIT, GATE, LIGHTS, SIGNAGE, ELECTRIC BOXES, KEYPADS/CARD READERS, ACCESSORIES, ETC., MUST BE REMOVED, SALVAGED, AND STORED IN A SECURE LOCATION APPROVED BY NJAW. THE CONTRACTOR MUST TAKE CARE NOT TO DAMAGE THE COMPONENTS DURING REMOVAL.
2. EXISTING IMPROVEMENTS SHOWN DARK WITHIN THE LOD MUST BE REMOVED. CLEAR AND REGRADE WITHIN THE LOD AS REQUIRED TO INSTALL THE PROPOSED SITE IMPROVEMENTS.

SHEET KEYNOTES

1. LIMIT OF DISTURBANCE
2. CURB TO BE REMOVED
3. FENCE TO BE REMOVED
4. GUIDE RAIL TO BE REMOVED
5. 2" BITUMINOUS PAVEMENT MILLING AREA (TYP.)
6. CONCRETE VAULT TO BE REMOVED
7. STORM INLET TO BE REMOVED
8. STORM PIPE TO BE REMOVED
9. TREES TO BE REMOVED (TYP.)
10. SANITARY MANHOLE TO BE REMOVED
11. SANITARY SEWER PIPE TO BE REMOVED
12. UTILITY POLE & GUY POLE TO BE REMOVED
13. PORTION OF WATERMAIN TO BE REMOVED
14. PORTION OF WATERMAIN PIPE TO BE ABANDONED
15. SIGN TO BE REMOVED AND SALVAGED
16. CONCRETE SIDEWALK TBR
17. ELECTRICAL BOX MOUNTED ON WALL TBR (SEE ELECTRICAL DRAWINGS)
18. PROTECT EXISTING STORM PIPE DURING CONSTRUCTION
19. PAVEMENT MILLING LIMIT
20. ELECTRIC BOX TO BE REMOVED AND SALVAGED
21. BOLLARD TO BE REMOVED
22. CUT AND CAP PIPE (TYP.)
23. PAVEMENT SAWCUT (TYP.)
24. FULL DEPTH PAVEMENT REMOVAL (TYP.)
25. CONCRETE PAD TO BE REMOVED
26. GRAVEL AREA TBR
27. PORTION OF CONCRETE TO BE REMOVED
28. PORTION OF EXISTING BUILDING TO BE REMOVED (SEE STRUCTURAL/ARCHITECTURAL DRAWINGS)
29. STEEL STRUCTURE TO BE REMOVED



Jacobs
 JACOBS ENGINEERING GROUP INC.
 412 MOUNT KEMBLE AVE.
 MORRISTOWN, NJ 07960
 NJDCA 246A27990200

REVISIONS		REVISIONS	
1	BUILDING ADDITION, TEMPORARY SHED AND TANK WITH ENCLOSURE DP 09/07/23		

JOSEPH N. BONGIOVANNI
 AMERICAN WATER ENGINEERING
 1 WATER STREET
 CAMDEN, NJ 08102

NEW JERSEY AMERICAN WATER

DRAWN BY PROJECT ENGR

DATE 10/24/22

PROJECT I18-180059-01

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

**CLEARWELL / HIGH SERVICE PUMP STATION
 ADDITION AND CHLORINE CONVERSION
 CIVIL
 DEMOLITION PLAN**

NEW JERSEY AMERICAN WATER

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

60% DESIGN

USE DIMENSIONS ONLY
 SCALE: 1"=30'

CD101



SHEET KEYNOTES

1. FULL DEPTH BITUMINOUS PAVEMENT (TYP.) (C-501/4)
2. MEET EXISTING (TYP.)
3. CONCRETE CURB (C-501/1)
4. STORM INLET TYPE B (TYP.) (C-502/1)
5. STORM MANHOLE (TYP.) (C-502/2)
6. TRENCH DRAIN (C-502/8)
7. STORMWATER INLET TYPE A (C-504/3)
8. UNDERGROUND STORMWATER MANAGEMENT BASIN AREA (C-504/1)
9. CONCRETE PAD (C-501/3)
10. VEGETATED PERMEABLE GRASS PAVERS (C-501/2)
11. 4' WIDE WHITE PAINTED PARKING STRIPE
12. HEADWALL (C-505/2)
13. NEW TREE LINE
14. REINSTALL/REPLACE EQUIPMENT, ACCESS GATE, FENCE AND ACCESSORIES THAT WAS REMOVED FROM CONSTRUCTION.
15. CONCRETE SIDEWALK (C-501/7)
16. CONCRETE CLEARWELL (SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS)
17. METAL STAIRS (SEE STRUCTURAL DRAWINGS)
18. 2" BITUMINOUS PAVEMENT OVERLAY AREA (TYP.)
19. BITUMINOUS PAYMENT OVERLAY LIMIT
20. 1" CLEAN STONE/GRAVEL
21. ELECTRIC HANDHOLES (SEE ELECTRICAL DRAWINGS)
22. UNDERGROUND ELECTRIC SERVICE (SEE ELECTRICAL DRAWINGS)
23. REINSTALL SALVAGED SIGN
24. REINSTALL SALVAGED ELECTRIC BOX
25. RESIDUALS BUILDING ELECTRIC ROOM ADDITION, 14x20' (SEE ARCHITECTURAL AND ELECTRICAL DRAWINGS)
26. MODIFIED STORM MANHOLE (C-504/5)
27. CONTROL STRUCTURE (C-504/2)
28. EXTERIOR EQUIPMENT PAD (C-501/10)
29. ELECTRIC TRANSFORMERS (SEE ELECTRICAL DRAWINGS)
30. CONTAINMENT TRENCH DRAIN (C-505/3)
31. PREFORMED SCOUR HOLE (C-504/4)
32. BOLLARD (TYP.) (C-502/7)
33. CONNECT TO NEAREST EXISTING CHAIN LINK FENCE POST
34. 8' HIGH CHAIN LINK FENCE (C-502/6)
35. 20' WIDE, 8' HIGH, DOUBLE SWING GATE (C-501/8)
36. TEMPORARY METER PUMP SHED
37. TEMPORARY TANK ENCLOSURE
38. TEMPORARY STORAGE TANK
39. BUILDING ADDITION (265± S.F.)

JACOBS ENGINEERING GROUP INC.
412 MOUNT KEMBLE AVE.
MORRISTOWN, NJ 07960
NJDCA 246A27990200

REVISIONS		REVISIONS	
1	BUILDING ADDITION, TEMPORARY SHED AND TANK WITH ENCLOSURE DP 09/07/23		

NORtheast REMSCO
Construction

JOSEPH N. BONGIOVANNI
NEW JERSEY AMERICAN WATER
DRAWN BY PROJECT ENGR
DATE 10/24/22
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AMERICAN WATER ENGINEERING
1 WATER STREET
CAMDEN, NJ 08102

NEW JERSEY AMERICAN WATER

NEW JERSEY AMERICAN WATER
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES

**CLEARWELL / HIGH SERVICE PUMP STATION
ADDITION AND CHLORINE CONVERSION
CIVIL
SITE PLAN**

USE DIMENSIONS ONLY
SCALE: 1"=30'
CS101