

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SECTION 6 PUBLIC NOTIFICATIONS AND PROOF OF NOTICES

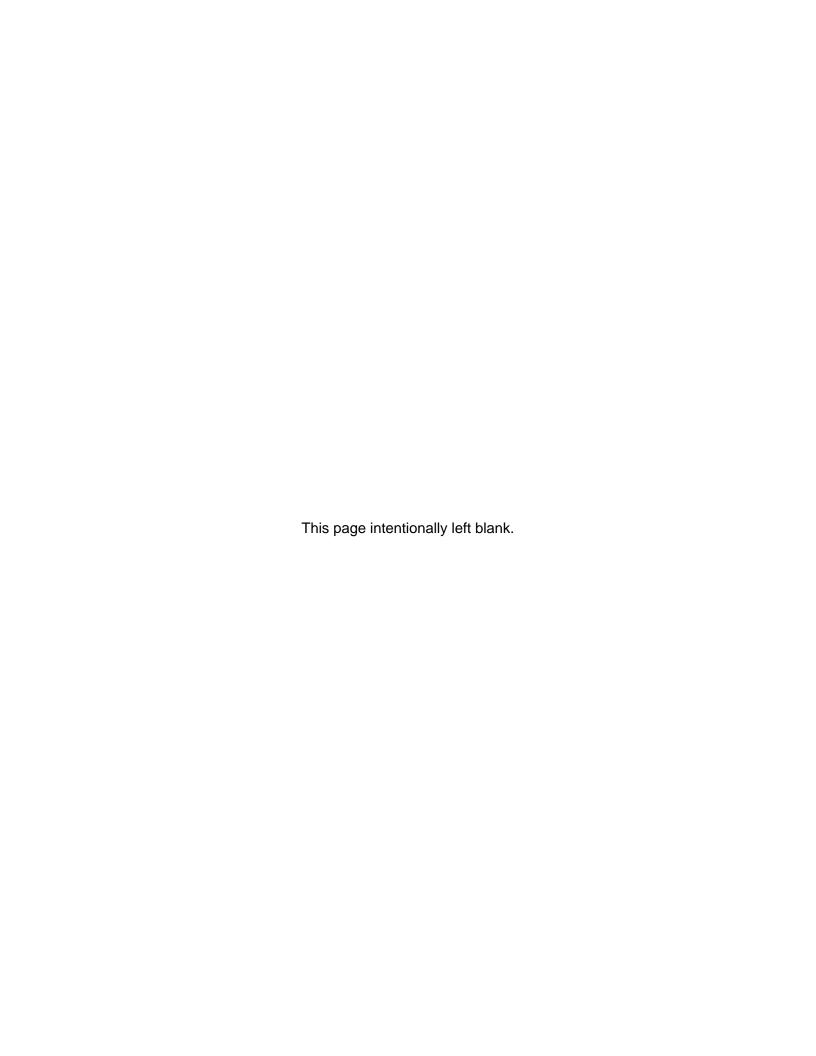
NORTHEAST SUPPLY ENHANCEMENT PROJECT

January 2020



Newspaper Notice

The official newspapers of record are the Courier news for Franklin Township, Somerset County and the News Tribune for Old Bridge Township and Sayreville Borough in Middlesex County, NJ. The following is the text of the newspaper notice published in these newspapers. Confirmation of publication in newspapers is attached. Copies of published notices and affidavits of publication is attached.



LEGAL NOTICE

Applications for NJDEP Individual Freshwater Wetlands Permit, Flood Hazard Verification, and Flood Hazard Area Individual Permit

Take Notice that applications for an Individual Freshwater Wetlands Permit, Flood Hazard Area Verification under Method 5, and Flood Hazard Area Individual Permit have been submitted to the New Jersey Department of Environmental Protection, Division of Land Use Regulation (NJDEP or Department) for the development described below.

APPLICANT: Transcontinental Gas Pipe Line Company LLC (Transco)

PROJECT NAME: Northeast Supply Enhancement Project

PROJECT DESCRIPTION: Construction of Compressor Station 206 in Franklin Township

Somerset County, NJ.

Construction of the Madison Loop in Old Bridge Township and

Sayreville Borough, Middlesex County, NJ.

MUNICIPALITIES: Franklin Township/Old Bridge Township and Sayreville Borough

COUNTY: Somerset County/Middlesex County

BLOCK AND LOT:

<u>Franklin Township</u>: Block 5.02, Lots 25 (Compressor Station 206 Site), 20 (formerly Lot 23)(suction and discharge piping), 26.01 (proposed access road), and 1.02 (formerly Lots 9, 10, 12, 16, and 17) and Lot 11.02 (alternate access road);

Old Bridge Township: Block, 5001, Lots 13.14, 13.18, 13.17, and 13.16; Block 5000, Lots 4, 18, 23; and Block 4185, Lots 19 and 28.11;

Borough of Sayreville: Block 449. Lots 12, 13.01, and 10.03; Block 451, Lots 1.10, 1.08, and 1.09; Block 454, Lot 1; Block 538, Lots 13 and 9.02.

The complete permit application packages can be reviewed at either the municipal clerk's offices in the municipalities in which the site subject to the application is located, or by appointment at the Department's Trenton Office. The Department of Environmental Protection welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 30 calendar days of the date to the Department publishes notice of the application in the DEP Bulletin (http://www.nj.gov/dep/bulletin/):

N.J. Department of Environmental Protection Division of Land Use Regulation Mail Code 501-02A; P.O. Box 420 Trenton, NJ 08625-0420

Attn: Bureau of Urban Growth & Redevelopment

Questions about the application may be addressed to:

Joseph Dean Transcontinental Gas Pipe Line Company 2800 Post Oak Boulevard Houston, Texas 77056



Classified Ad Receipt (For Info Only - NOT A BILL)

WATSON STEVENS RUTTER & ROY Customer:

0004000452 Ad No.:

3 PARAGON WAY STE 300 Address:

Invoice Pymt Method

FREEHOLD NJ 07728

\$82.30 Net Amt:

USA

Run Times: 1 No. of Affidavits:

Run Dates: 01/15/20

Text of Ad:

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Joseph Dean Transcontinental Gas Pipe Line Company 2800 Post Oak Boulevard Houston, Texas 77056 (\$47.30)

-0004000452-01



A GANNETT COMPANY

Classified Ad Receipt (For Info Only - NOT A BILL)

WATSON STEVENS RUTTER & ROY Customer:

0004001044 Ad No.:

3 PARAGON WAY STE 300 Address:

Invoice Pymt Method

FREEHOLD NJ 07728

\$82.30 Net Amt:

USA

Run Times: 1 No. of Affidavits:

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-0004001044-01

SUPERIOR COURT OF NEW JERSEY CHANCIRY DIVISION JOMERSET COUNTY DOCKET NO. F-017012-19

NOTICE TO ASSENT DEFENDANTS

Hagedom Psychiatric Hospital

You are hereby symmetries and required to serve upon Robert A. Del VecChio, Pap Philinter and required to serve upon Robert A. Del VecChio, Pap Philinter and required to serve upon Robert A. Del VecChio, Pap Philinter and containing and any standardments, if any, dealectively, the required to the containing and any action in which U.S. Bank is currently of PV002 Trust & Creditors is the Patients and Care L. MOSteenan, et al. are defendants, pencing 115, 2220 explored containing large property of the pencing of the patients of the pencing of

Lawyer Referral Service: (908) 685-2928 Legal Service: (908) 231-0840

The action has been instituted for the purpose of foreclosing upon a Tax Sale Certificate No. 16-068 dated November 29, 2016 and recorded in the Samerset County Cerk's Office on Javung 2, 2017 in Mortgage Book 6932, Page 660, et seq. and covers real estate focated in the Borough of Bound Book, County of Somerset and State of New Jersey known as IB-ck 77. Lot 5 as shown on the Official Tax Map of the Borough of Bound Brook, New Jersey and commonly known as 35 West Maple Avenue, Bound Brook, New Jersey and Commonly known as 35 West Maple Avenue, Bound Brook, New Jersey and Commonly known as 35 West Maple Avenue, Bound Brook, New Jersey and Commonly known as 35 West Maple Avenue, Bound Brook, New Jersey and Commonly known as 35 West Maple Avenue, Bound Brook, New Jersey and Commonly Known as 35 West Maple Avenue, Bound Brook, New Jersey Market Maple Avenue, Bound Brook, Market Maple Aven

You and each of you are made defendents in the above entitled action because you have or may claim to have some right, title, lien or other interest affecting the real estate being foreclosed, by virtue of ownership, inheritance, descent, intestacy, devise, dower, the of ownership, deed or correspance, entry of judgment or other legal or harding head of correspance, entry of judgment or other legal or harding head of states of which and reason that you and each of you are joined at attention of the furnished many particularly in the complaint is copy of which will be furnished addressed to the attorneys of plaintiff at the above mentioned address.

Dated: January 10, 2020

(\$47.30)

Au Michelle Smith Clerk of the Superior Court

-0003996342-86

TOWNSHIP OF UNION HUNTERDON COUNTY

NOTICE OF SPECIAL MEETINGS

Special meetings of the Union Township Committee will be held on, February 5 & 19, 2020. Merch 4 and 16, 2020 at 6:00 pm Township 140 the Union Building. Municipal Perryville Rd., Hampton, NJ, for the purpose of discussing the 2020 municipal budget and other such matters as may come before the Township Committee. Action may be taken.

Ella M. Ruta, RMC Municipal Clerk

mycentral/ersey.com/homes



LEGAL ADVERTISEMENTS BOARD OF ADJUSTMENT BOROUGH OF NEW PROVIDENCE, NEW JERSEY 07974

The following applications are seeking the indicated variances from the Borough Zoning Ordinance, are scheduled for Individuel Public Hearings at the Borough of New Providence Board of Adjustment's meeting on Monday, January 27, 2020, in Council Chambers, 360 Elkwood Avenue, New Providence, at 8:00 PM or as soon as possible thereafter.

Revethi Anenthakrishnan Application #2019-84 76 Woodland Road, Block 231, Lot 8, R-Z Zone, New Zone, Providence, NJ 07974
Chapter 310, Article IV, Section 310-10, Schedule II for permission to construct an addition. The proposed side-yard setback to the addition is 9.5. feet with a combined total of 24.9 feet whereas 12 feet with a combined total of 30.6 fees is the minimum required. The existing front-yard setback to the stoop is 34 feet and 38 feet to the house.

interested parties may review the appropriate files between the hours of 8:00 AM and 1:00 PM, Monday through Friday, at the Office of the Board Secretary (Planning & Development De-partment). Municipal Center,

NOTICE OF PUBLIC HEARING BOROUGH OF NORTH PLAINFIELD FLANNING BOARD

NOTICE is hereby given that Denninger Associates, LLC has applied to the Planning Board of the Borough of North Planning to relien to the Planning Board of the Borough of North Planning to Planning to the State of State

The property in question is located at: Rincks 113 Lotts. I Street Address: 97 Wilson Avenue, North Plainfield, New Jersey

A hearing will be held on this application by the Planning Board of the Borough of North Fielinfield at the Council Chambers, 263 Somerast Street, 2nd Hours, North Flainfield, Now Jersey on Wednesday, February 12, 2020 at 7:00 P.M. All interested parties will be heard for the purposes of stating objections, protein or arguments against or in favor of the application. The file, plans and maps relating to this application may be inspected in the Office of the Zoning Office of the Borough of North Plainfield, 2L3 Somerast Street, North Plainfield, New Jersey during reflect, 2L3 Somerast Street, North Plainfield, New Jersey during re-

ular business hours

Vastola & Sullivan

Dated: January 9, 2020

By: John J. Sullivan, Jr., Esq. 59 John J. Sullivan, Jr., Esq. Attorney for the Applicant 485 Union Avenue, Suite 20 Middletex, New Jersey 08846 (732) 560-0888

(\$32.68)

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N.J. Department of Environmental Protection Division of Land Use Regulation Mail Code 501-02A; P.O. 80x 420 Trenton, NJ 08625-0420 Attn: Bureau of Urban Growth & Redevelopment

Questions about the application may be addressed to:

Transcontinental Gas Pipe Line Company 2800 Post Oak Boulevard Houston, Texas 77056 (\$47.30)

The County of Someriet is solicating proposals through the competitive contracting process in accordance with N.J.S.A. 30A; 11. 4.1, et seq.

Sealed http: responses will be received by the purchasing Agent on March 20, 2020 at 12:00 PM in the purchasing Oblision, County Administration, Building, 20 per Street, Schreinite, New Jersey, 39836 at Which time and place responses will be opened and read feet.

PROGRAM YEAR 2020
HOME INVESTMENT FARTNESSHIP PROGRAM ACTIVITIES
HOME INVESTMENT FARTNESSHIP PROGRAM ACTIVITIES
HOME PROGRAM PROJECT APPLICATION FORM
HOMELESSNESS TRUST FUND APPLICATION FORM
APPLICATION FOR CERTIFICATION AS A COMMUNITY HOUSING
DEVELOPMENT ORGANICATION AS A COMMUNITY HOUSING
APPLICATION FOR RECEITE CRITICAL AS A COMMUNITY HOUSING
DEVELOPMENT ORGANIZATION AS A COMMUNITY HOUSING
DEVELOPMENT ORGANIZATION AS A COMMUNITY HOUSING
CONTRACT & CY-COM-0004-20

A pre-proposal meeting will be held February 19, 2020 at 12:00 Room in the Superintendent of School: Conference Koom on the fourth floor of the Human Services Building at 27 Warren Street in Somerville.

REF responses must be made on the standard proposal forms, be enclosed in a sealed package bearing the name and address of the respondent and the "REF TITLE NAME & CONTRACT #" on the outside, addressed to Karen L. McGee, Furchasing Agent, at the address above.

Specifications and instructions may be obtained at the Furchasing Office or on the County Website, www.co.somerset.nj.us. -

Any RFP Addende will be issued on the website, and processed in accordance with N.J.S.A. 40A-11-23(O(1), All interested respondents should deck the website from now through RFP opening. It is the sale responsibility of the respondent to be knowledgeable of all addenda related to this procurement.

Respondents are required to comply with the requirements of NJSA 10:5-31 et seq. and NJA C 17:27 et seq.

Karen L. McGee, RPPO, QPA

Purchasing Agent (\$43.86)

Order measures.

TOWNSHIP OF BEDMINSTER 2020 PUBLIC NOTICE

BE IT RESOLVED by the Township Committee of the Township of Bedminster in the County of Somewel, New Jersey, as follows:

WHEREAS, Chapter 231 of the Public Laws of New Jarsey (1975) known, as and hereinafter designated as the "Open Public Meetings Act", requires notification of meetings of public bodies, as therein defines in the second s therein defines, in the manner therein set forth:

NOW THEREFORE BE IT RESOLVED that for the purposes of compli-ance with the "Open Public Meetings Act", aforesaid, the Township Committee of the Township of Bedminster hereby makes the following designations:

(1) The Bernardsville News and the Courier News are hereby designated as the two newspapers to receive notice of meetings as required by law and all sections of the Open Public Meetings Act, to appearing that those newspapers are most likely to inform the local public of such meetings.

(2) The location for posting of notice of meetings shall be the bulle-tin board in the Township Clerk's office located in the Township Municipal Building, One Miller Lane, Bedminster, N.J.

(3) The sum of \$30.00 is hereby fixed as the amount to be prepaid by any person requesting copies of meeting notices, whether it is for a regular or special meeting or a revised meeting notice, to be mailed to them. All requests for notices shall terminate on Decemher 31 of each year and shall be subject to renewal upon a new request being submitted, as per NJ.S.A. 10:4-19 of the Open Public Meetings Act.

BE IT RESOLVED that the following notice be published, posted, mailed and filed with the Township Clerk pursuant to the provisions of said Chapter 231 of the Public Laws of New Jersey (1975).

Judith A. Sullivan Township Clark (\$35.26)

926-10000101-01

-0004000452-01

estic Pets JPS - Beautiful Toys 118-887-5433

Upples - Baby Doll 718-232-2079 DON

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a 2x2 Display Ad in NJ weekly Peoply Arbitell at 1, 14 for more information.

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etery Lots

ial Park family plot 4 graves. alum \$4,400 selling 50% off 700 (732)213-0907 holl@wmizon.net

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ATTRESS SETS JR BEST PRICE!!! 95 Queen, \$269 King Direct 732-259-6690

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MEETING

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October 29, 2020

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IC NOTICE

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9-year-old male

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Lot Owners

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pen Public Meetings

is to advise that the

ate to Tuesday, April 7,

Thursday, November

sures.com

Union Ave

n 02-06-2020 at

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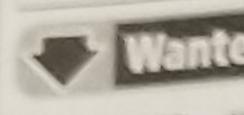
DONATE YOUR CAR TRUCK OR BOAT TO HERITAGE FOR THE BUND Free 3 Day Vacation, Tax Deductible, Free Towing, All Paperwork Taken Care Of, 844-256-6377

DENTAL INSURANCE from Physicians Mutual Insurance Company, NOT just a discours plan, REAL coverage for [350] procedures. Call 1-844-255-5541 for 18.18.18 down 18.5 mile com 16.6 6118-0219

Stay in your home longer with an American Standard Walk-In Bathtunk Receive up to \$1.500 off including a few holles, and a lifetime marranty on the tot and metallations (All 63 91 1 377 723 7480 or view

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BUYING GOLD - Silver, Diamonds, Coirs & Jennetry Alberthaying continue jewelry. Private buyer Paying too \$\$ Call lizzy; 732-580-7771

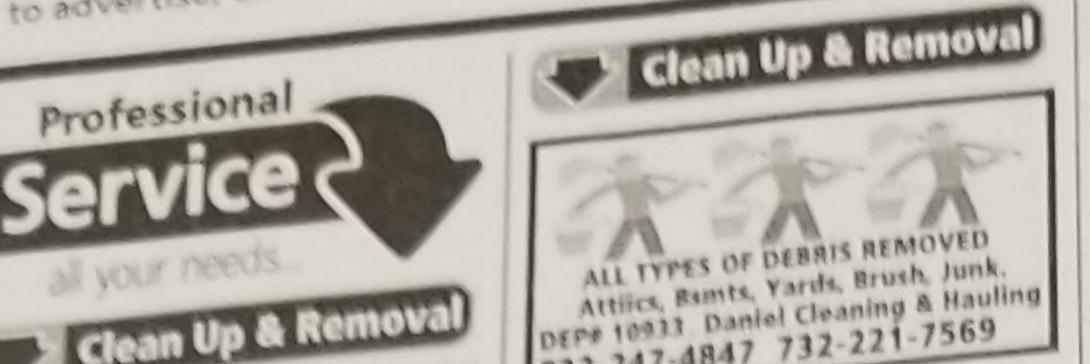
CASH FOR COLLECTIBLES Lladro, Royal Doulton, Hummel, Lalique, Swarowski, Brechm, Dischey, Herrand, Armani, & Semilar Call 732-261-6298





Business & Service Directory

to advertise, email: ServiceDirectory@gannettnj.com or call: 866.746.4468

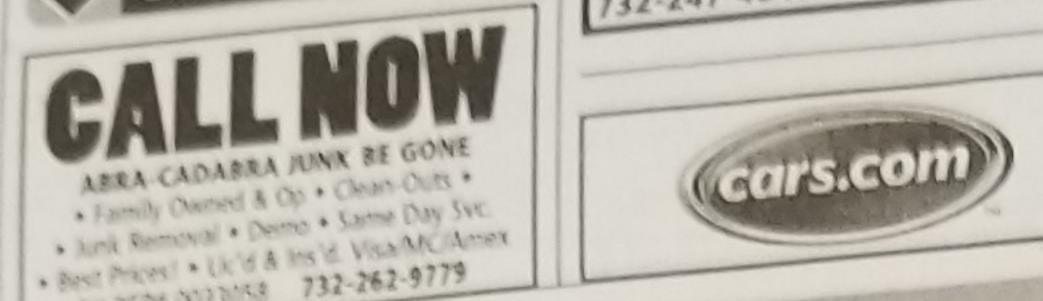


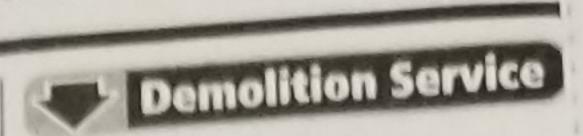
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NU DEPH 0033058 732-262-9779

ALL TYPES OF DEBRIS REMOVED Attiics, Bamts, Yards, Brush, Junk. DEPS 10933 Daniel Cleaning & Hauling Clean Up & Removal 732-247-4847 732-221-7569 ABRA-CADABRA JUNX BE GONE





Demolition - HUD Section 3 Site Enterprises, Inc., is currently working on a demolition project for the State of New Jersey Division of Property Management & Construction that is subject to HUD Section 3 Guidelines in Woodbridge, NJ Middlesex County. We are looking to employ section 3 residents as laborers as well as certified section 3 businesses as subcontractors to assist in the completion of this project. Please contact James DiNatale for further information if you are interested. (609)567-1250 siteco711@comcast.net

mycentraljersey.com/homes

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localiq.com

public notices/legals email: hntlegals@gannett.com or call: 866.746.4468

CITY OF NEW BRUNSWICK

NOTICE OF DECISION

Brunswick (the "Planning Board") adopted a Resolution granting Preliminary and Final Site Plan and Bulk ("c") Variance Approvals to the property owner/applicant, PAL Associates, LLP (the "Applican-BLIC SALE: The t"), for the property located at 10 Industrial Drive, further identif-storage Cube fied as Block 597.01, Lot 9.01 on the Tax Maps of the City of New ining household mart 591 North Brunswick (the "Property"). The Property is situated on the corner of Industrial Drive and Terminal Road, within the City I-2 (General Industrial) Zone (the "I-2 Zone"), and is improved with a mixed-use de, NJ 07205 to warehouse, showroom, and professional office building, comprised of approximately 55,917 square feet, which will remain (the "Existing Building"). The Existing Building is occupied by three (3) tenants: Aaron & Company, Aaron Kitchen & Bath Design Gallery

and Planned Parenthood. The Planning Board's Approval allows the Applicant to: (1) Install one (1) back-lit awning sign over the entrance of the Aaron Kitchen & Bath Design Gallery and three (3) back-lit awning signs along the building's façade, which faces Terminal Road; (2) Replace the existing Aaron & Company building façade signs, which face Industrial Drive and Terminal Road respectively, and install a new "Parts Counter" sign, which will face Terminal Road; (3) Retain the previously installed and existing Aaron Kitchen & Bath Design Gallery freestanding sign, which is situated on the corner of Industrial Drive and Terminal Road; and (4) Install two (2) refuse enclosures (1 in the Aaron & Company parking lot; 1 in the Planned Parenthood parking lot). As part of the Approval, the Planning Board granted the Applicant the following Bulk ("c", Variances from the City's Land Development Code: Awning Signs: Awning signs are not permitted in the I-2 Zone; Four (4) awning signs, as described above, were proposed and approved; Back-Lit Awning Signs: Back-lit awning signs are prohibited in all zoning districts; Four (4) back-lit awning signs, as described above, were proposed and approved; Number of Building Façade Signs: Permitted, one (1) building façade sign per property; Existing, four (4) building façade signs (one (1) Aaron & Company building façade sign facing Terminal Road; one (1) Aaron & Company building façade sign facing Industrial Drive; two (2) Planned Parenthood signs facing Industrial Drive); Proposed and approved, five (5) façade signs (two (2) Aaron & Company signs facing Terminal Road (existing façade sign to be replaced with internally illuminated façade sign and "Parts Counter" façade sign to be installed; one (1) Aaron & Company sign facing Industrial Drive (existing facade sign to be replaced); and two (2) Planned Parenthood façade signs facing Industrial Drive (existing to remain); Building Façade Signs - Maximum Square Footage: Permitted, 100 square feet; Existing, 120.6 square feet (existing Johnson | Aaron & Company sign facing Industrial Drive); Proposed and approved, 120.6 square feet (replacement Aaron & Company sign facing Industrial Drive); Freestanding Signs - Setback From Property Line: Existing/Proposed Aaron & Company freestanding sign: Reguired, 25 feet; Existing, Proposed and Approved 14.2 feet; Refuse wn address was Storage Area: Required, refuse storage area shall include a solid Any individuals wall and evergreen vegetation equal to or greater than the height of the storage receptacles; Proposed and Approved, two (2) trash enclosures constructed of chain link fence with slats, no solid wall and/or evergreen vegetation proposed; Maximum Building Coverage: Permitted, 35%; Existing, Proposed and Approved, 38.5%; Maximum Impervious Coverage: Permitted, 85%; Existing, Proposed ne Social Work and Approved, 91.7%; Minimum Front Setback - Principal Structure: Required, 50 feet; Existing, Proposed and Approved, 27.5 feet; Minimum One Side Yard Setback - Principal Structure: Required, 25 feet;

Existing, Proposed and Approved, 14.8 feet. A copy of the Resolution and application materials are on file and available for PUBLIC INSPECTION at the Department of Planning,

LEGAL NOTICE Applications for NJDEP Individual Freshwater Wetlands Permit, Flood Hazard Verification, and Flood Hazard Area Individual Permit On December 9, 2019, the Planning Board of the City of New

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0004001044-01

TOWNSHIP OF MONROE PLEASE TAKE NOTICE that the undersigned has applied to the Monroe Township Zoning Board for bulk variance approval "and such other relief as the Board may deem appropriate" in accordance with the provisions of Section

We figure it out and go adjusted to the presshup that most favored cornerback A.J. Terrell ply could not cover Jaquarterback Tua Tagolip game, Burrow made

+ rowdy rowdy becan

ve do. We talk about it.

inal 22 plays of the half, of an 6-yard touchdown kalski clobbered him to

i, who was there to take irrow got off anyway. "I he took a hit. It's just a ke that all season. That's

2d like Burrow's toughest 1-49, 463 yards, 5 touch--season record for 60 TD

d for more than a decade ch the talent it had accu-Nowns the greatest single ick has ever played. Better I Cam Newton. Better than in all of them. d in a national championilding in 2011 against Ala-

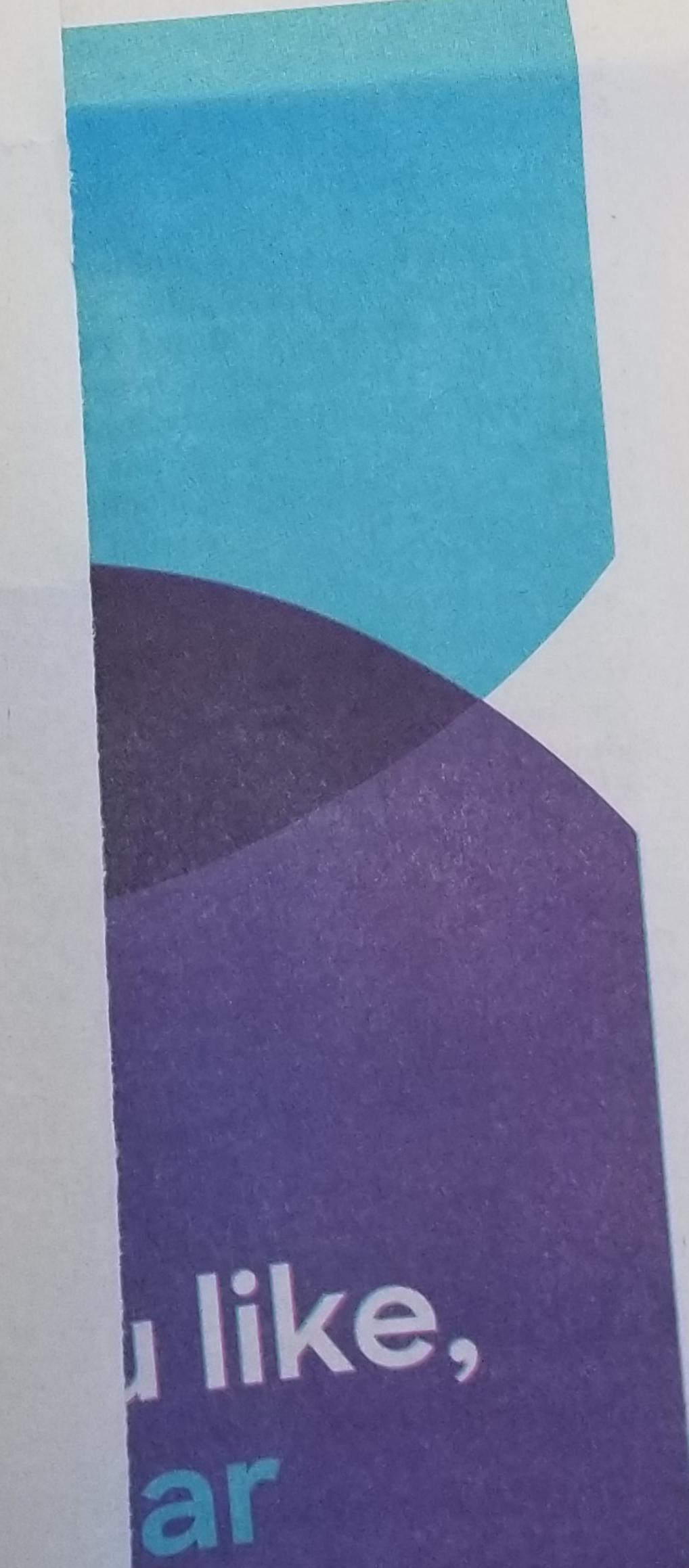
l across midfield. of celebratory cigar smoke m, led by the Ohio kid who quarterback at a big-time

thing like this coming from v long they play football in on outside Tiger Stadium on dy will ever forget it.

have established under Jim ant Chris Partridge (the foratholic High School) left for

up in New Jersey, has made ing trail with his ties there.He ar 2020 safety Jordan Morant, Catholic under Campanile's 30 coached at Bergen Catholic

three-star defensive end Aarolverines flip Lewis from West : One of his top targets in the o be four-star defensive tackle ittends Bergen Catholic.



inkl

Property Owner and Agency Notifications

Notice Letters attached with Lists of Property Owners within 200 Feet of Compressor Station 206 and Madison Loop Project Areas and Proof of Notification

Date: January 13, 2020

Re: NJDEP Individual Freshwater Wetlands Permit, Flood Hazard Area Verification, and Flood

Hazard Area Individual Permit applications

Applicant: Transcontinental Gas Pipe Line Company, LLC

2800 Post Oak Boulevard Houston, Texas 77056

Dear Interested Party:

This letter is to provide you with legal notification that applications for an Individual Freshwater Wetlands Permit, Flood Hazard Area Verification under Method 5, and Flood Hazard Area Individual Permit have been submitted by Transcontinental Gas Pipe Line Company LLC (Transco) to the New Jersey Department of Environmental Protection, Division of Land Use Regulation (NJDEP or Department) for the development shown on the enclosed plans.

A brief description of the proposed development follows:

Transco is proposing construction of Compressor Station 206 in Franklin Township, Somerset County, NJ and construction of the Madison Loop in Old Bridge Township and Sayreville Borough, Middlesex County, NJ for the Northeast Supply Enhancement Project (Project).

The complete permit application packages can be reviewed at either the municipal clerk's offices in the municipalities in which the site subject to the applications is located, or by appointment at the Department's Trenton Office. The Department welcomes comments and any information that you may provide concerning the proposed development and site. Please submit your written comments within 30 calendar days of the date to the Department publishes notice of the application in the DEP Bulletin (http://www.nj.gov/dep/bulletin/):

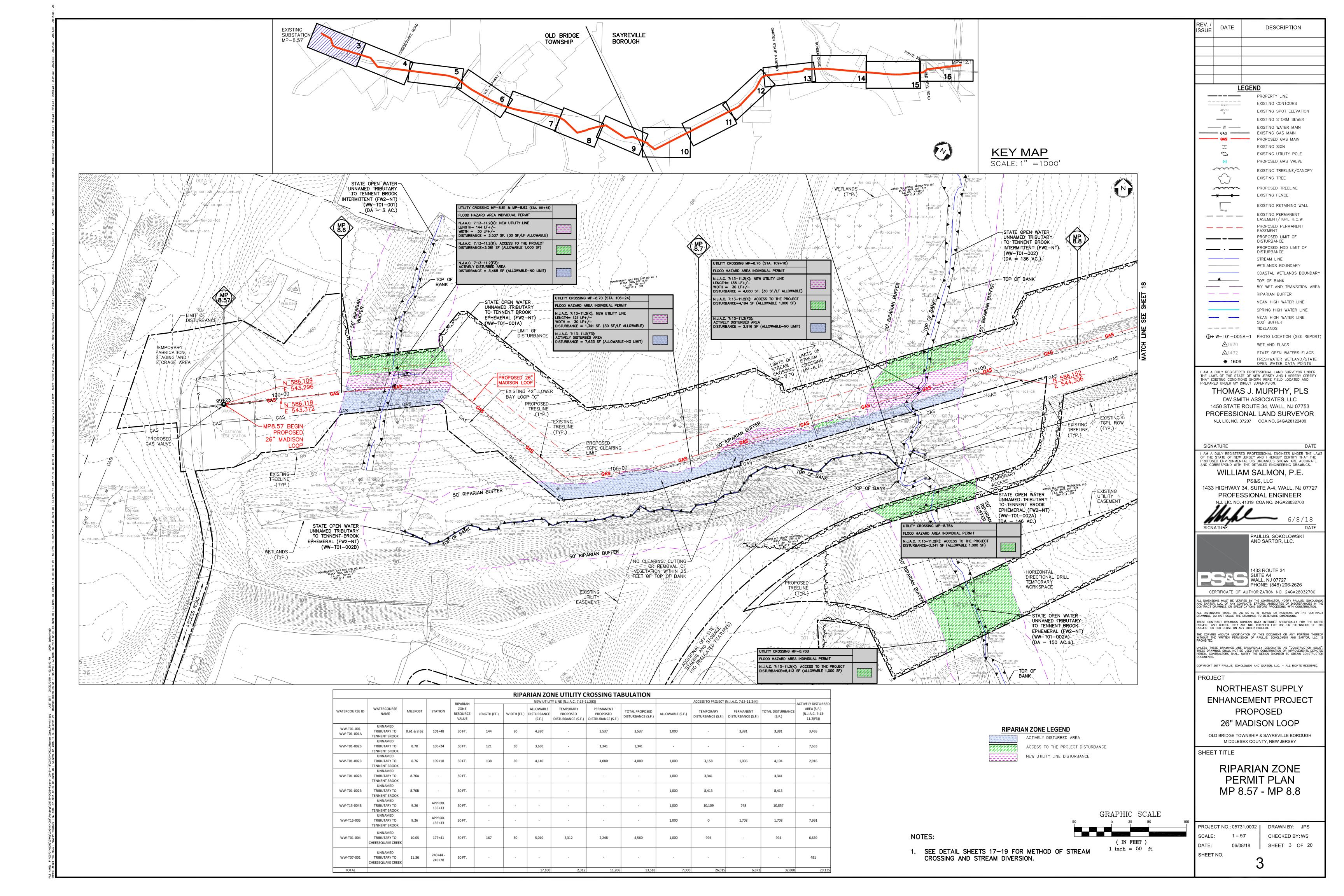
New Jersey Department of Environmental Protection Division of Land Use Regulation Mail Code 50 l -02A P.O. Box420

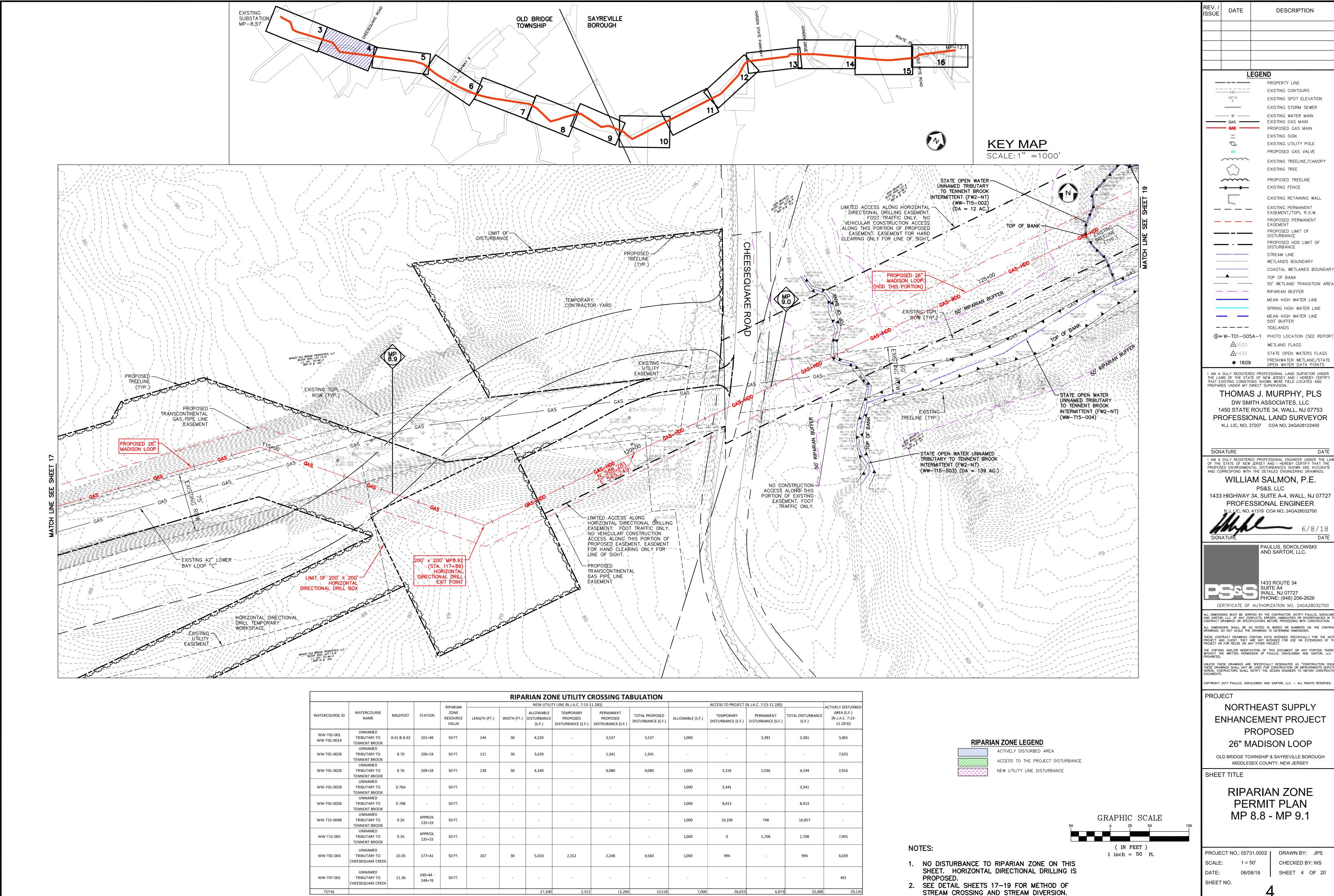
Trenton, New Jersey 08625

Attn: Bureau of Urban Growth & Redevelopment

If you have questions about my application, you can contact me in writing at the address listed below.

Sincerely, Joseph Dean Transcontinental Gas Pipe Line Company LLC 2800 Post Oak Boulevard Houston, Texas 77056





EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN PROPOSED GAS MAIN EXISTING UTILITY POLE PROPOSED GAS VALVE EXISTING TREELINE/CANOPY PROPOSED TREELINE EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT PROPOSED HDD LIMIT OF WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY 50' WETLAND TRANSITION AREA

FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS

THOMAS J. MURPHY, PLS

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE

WILLIAM SALMON, P.E.

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

J. LIC. NO. 41319 COA NO. 24GA28032700

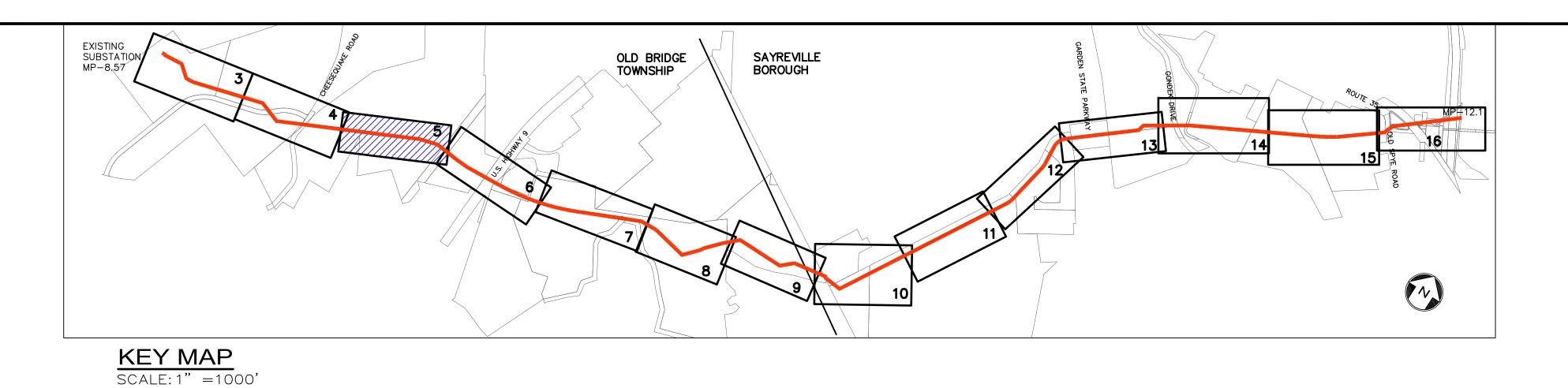
PAULUS, SOKOLOWSKI

LL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOW ND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN ONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOT PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF TREVJECT OR FOR REUSE ON ANY OTHER PROJECT.

ENHANCEMENT PROJECT

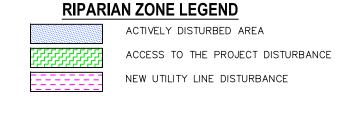
RIPARIAN ZONE

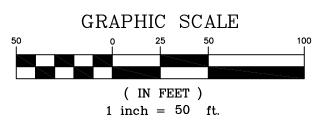
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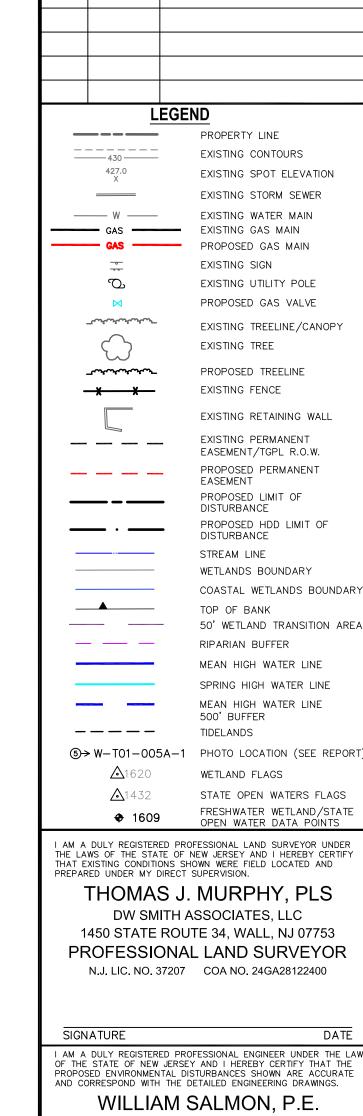


STATE OPEN WATER UNNÁMED TRIBUTARY DIRECTIONAL DRILL TO TENNENT BROOK TEMPORARY WORKSPACE EPHEMERAL (FW2/-NT) (WW-T15-005)₩STÁTE OPEN WATER UNNAMED TRIBUTARY UNNAMED / TRIBUTARY TO TENNENT BROOK TO TENNENT BROOK INTERMITTENT (FW2-NT)-LIMITED ACCESS ALONG HORIZONTAL -INTERMITTENT (FW2+NT) - (WW-<u>T15</u>-004B) DIRECTIONAL DRILLING EASEMENT. (WW-T15-002) FOOT TRAFFIC ONLY. NO VEHICULAR CONSTRUCTION ACCESS ALONG THIS PORTION, OF PROPOSED EASEMENT. EASEMENT FOR HAND CLEARING ONLY FOR LINE OF SIGHT. TO TENNENT BROOK INTERMITTENT (FW2-NT) (HDD THIS PORTION) (WW-T15-002A) TRANSCONTINENTAL GAS PIPE LINE EASEMENT BEGIN LIMITED ACCESS `ALONG HORIZONTAL — EXISTING TGPL. DIRECTIONAL DRILL PATH ROW (TYP.) 50' RIPARIAN BUFFER 60' WIDE EXISTING DISTURBANCE UTILITY CROSSING MP-9.26 (APPROX. STA. 135+33) STATE OPÉN WATÉR UNNAMED TRIBUTARY/ TO TENNENT BROOK/ FLOOD HAZARD AREA INDIVIDUAL PERMIT N.J.A.C. 7:13-11.2(K): ACCESS TO THE PROJECT DISTURBANCE=12,565 SF (ALLOWABLE 1,000 SF) INTERMITTENT (FW2-NT) -STATE OPEN WATER - NO CONSTRUCTION ACCESS ALONG (WW-T15-004A) / UNNAMED TRIBUTARY THIS PORTION OF EXISTING EASEMENT. (DA' = 105 AC.)TO TENNENT BROOK EASEMENT FOR HAND CLEARING ONLY /NTERMITTENT (FW2-NT) N.J.A.C. 7:13-11.2(F3): ACTIVELY DISTURBED AREA DISTURBANCE = 7,991 SF (ALLOWABLE-NO LIMIT) FOR LINE OF SIGHT! TREELINE (TYP.) ´(ŴW-T15-004À)~ / - - - - - 105 - - ·

						RIPA	RIAN ZO	NE UTILITY C	ROSSING TA	BULATION					
				RIPARIAN			NEW UTILIT	TY LINE (N.J.A.C. 7:13-1	1.2(K))			ACCESS TO PROJECT	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,135







DESCRIPTION

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE WILLIAM SALMON, P.E.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

PAULUS, SOKOLOWSKI AND SARTOR, LLC.

1433 ROUTE 34 1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOW AND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN 1 CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOT PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF TH PROJECT OR FOR REUSE ON ANY OTHER PROJECT. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTI HEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

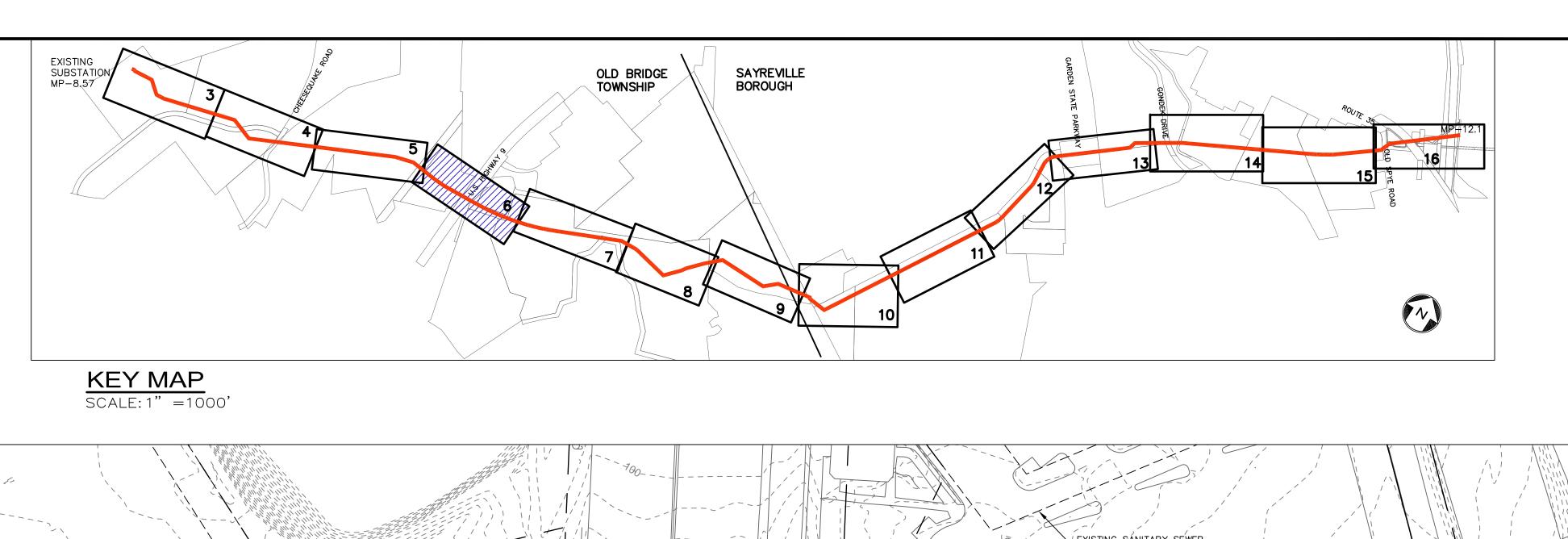
OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

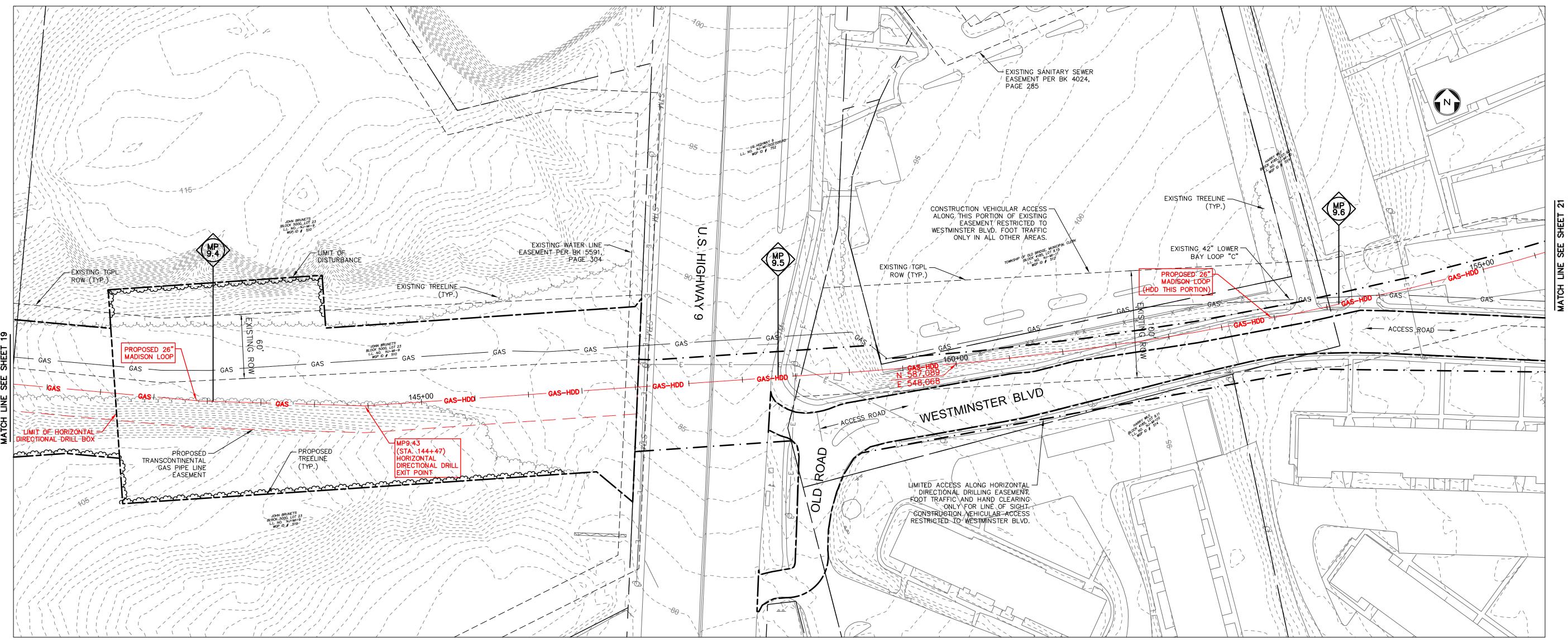
SHEET TITLE

SHEET NO.

RIPARIAN ZONE PERMIT PLAN MP 9.1 - MP 9.4

PROJECT NO.: 05731.0002 | DRAWN BY: JPS SCALE: CHECKED BY: WS DATE: SHEET 5 OF 20 06/08/18





						RIDA	RIAN 70	NE UTILITY C	POSSING TA	RIIIATION					
				RIPARIAN		MILA		TY LINE (N.J.A.C. 7:13-1		BOLATION		ACCESS TO PROJECT	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.E.)
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	o	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,135

RIPARIAN ZONE LEGEND ACTIVELY DISTURBED AREA

1. NO NJDEP FLOOD HAZARD AREA

REGULATED FEATURES ON THIS SHEET.

NOTES:

ACCESS TO THE PROJECT DISTURBANCE NEW UTILITY LINE DISTURBANCE

SHEET TITLE

RIPARIAN ZONE PERMIT PLAN MP 9.4 - MP 9.6

DESCRIPTION

PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN

EXISTING SIGN

EXISTING TREE

EASEMENT

STREAM LINE

TOP OF BANK

TIDELANDS (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT)

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS J. MURPHY, PLS

DW SMITH ASSOCIATES, LLC

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS WILLIAM SALMON, P.E.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626

CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

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COPYRIGHT 2017 PAULUS, SOKOLOWSKI AND SARTOR, LLC. – ALL RIGHTS RESERVED.

NORTHEAST SUPPLY

ENHANCEMENT PROJECT

PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

PAULUS, SOKOLOWSKI AND SARTOR, LLC.

4 1609

PROPOSED TREELINE EXISTING FENCE

EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT

PROPOSED LIMIT OF

WETLANDS BOUNDARY

COASTAL WETLANDS BOUNDARY

50' WETLAND TRANSITION AREA

MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE

STATE OPEN WATERS FLAGS

FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS

EXISTING UTILITY POLE PROPOSED GAS VALVE

EXISTING TREELINE/CANOPY

GAS EXISTING GAS MAIN PROPOSED GAS MAIN

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(IN FEET)

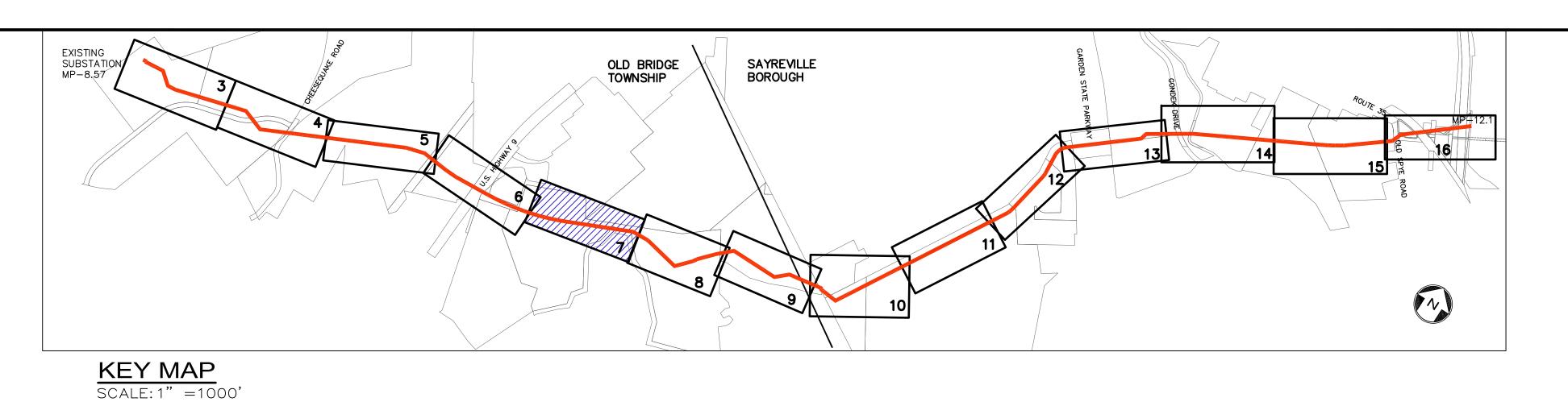
GRAPHIC SCALE 1 inch = 50 ft.

PROJECT NO.: 05731.0002 | DRAWN BY: JPS SCALE: CHECKED BY: WS 1 = 50' DATE: 06/08/18 SHEET 6 OF 41 SHEET NO.

PROJECT



LIMIT OF HORIZONTAL = DIRECTIONAL DRIEL BOX



EXISTING TREELINE CONSTRUCTION VEHICULAR ACCESS ALONG THIS PORTION OF EXISTING EASEMENT RESTRICTED TO WESTMINSTER BLVD. FOOT TRAFFIC ONLY IN ALL OTHER AREAS. DIRECTIONAL DRIL ENTRY POINT BAY LOOP "C" LIMITED ACCESS ALONG HORIZONTAL

DIRECTIONAL DRILLING EASEMENT.

FOOT TRAFFIC AND HAND CLEARING

ONLY FOR LINE OF SIGHT.

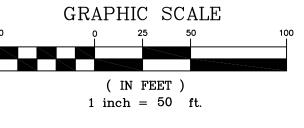
CONSTRUCTION VEHICULAR ACCESS - EXISTING TGPL ROW (TYP.) RESTRICTED TO WESTMINSTER BLVD. WESTMINSTER BLVD

						1/11 /	MIAIN ZU	NE UTILITY C	AL DNIICCON	IDULATION					
				RIPARIAN			NEW UTILI	TY LINE (N.J.A.C. 7:13-1	11.2(K))			ACCESS TO PROJECT	N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
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WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
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WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491

RIPARIAN ZONE LEGEND ACTIVELY DISTURBED AREA ACCESS TO THE PROJECT DISTURBANCE NEW UTILITY LINE DISTURBANCE

NOTES:

1. NO NJDEP FLOOD HAZARD AREA REGULATED FEATURES ON THIS SHEET.



LEGE	ND
	PROPERTY LINE
430	EXISTING CONTOURS
427.0 X	EXISTING SPOT ELEVATION
	EXISTING STORM SEWER
—— W ——	EXISTING WATER MAIN
GAS ———	EXISTING GAS MAIN
GAS —	PROPOSED GAS MAIN
	EXISTING SIGN
Q	EXISTING UTILITY POLE
	PROPOSED GAS VALVE
	EXISTING TREELINE/CANOPY
\mathbb{W}	EXISTING TREE
~~~~~~~~~~	PROPOSED TREELINE
<del>-x x</del>	EXISTING FENCE
	EXISTING RETAINING WALL
	EXISTING PERMANENT EASEMENT/TGPL R.O.W.
	PROPOSED PERMANENT EASEMENT
	PROPOSED LIMIT OF DISTURBANCE
·	PROPOSED HDD LIMIT OF DISTURBANCE
	STREAM LINE
	WETLANDS BOUNDARY
	COASTAL WETLANDS BOUNDARY
	TOP OF BANK 50' WETLAND TRANSITION AREA
	RIPARIAN BUFFER
	MEAN HIGH WATER LINE
	SPRING HIGH WATER LINE
	MEAN HIGH WATER LINE
	500' BUFFER TIDELANDS
⑤→ W-T01-005A-1	PHOTO LOCATION (SEE REPORT)
<b>△</b> 1620	WETLAND FLAGS
<b>\Lambda</b> 1432	STATE OPEN WATERS FLAGS
<b>♦</b> 1609	FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS

DESCRIPTION

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

# THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

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1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

PAULUS, SOKOLOWSKI AND SARTOR, LLC.



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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

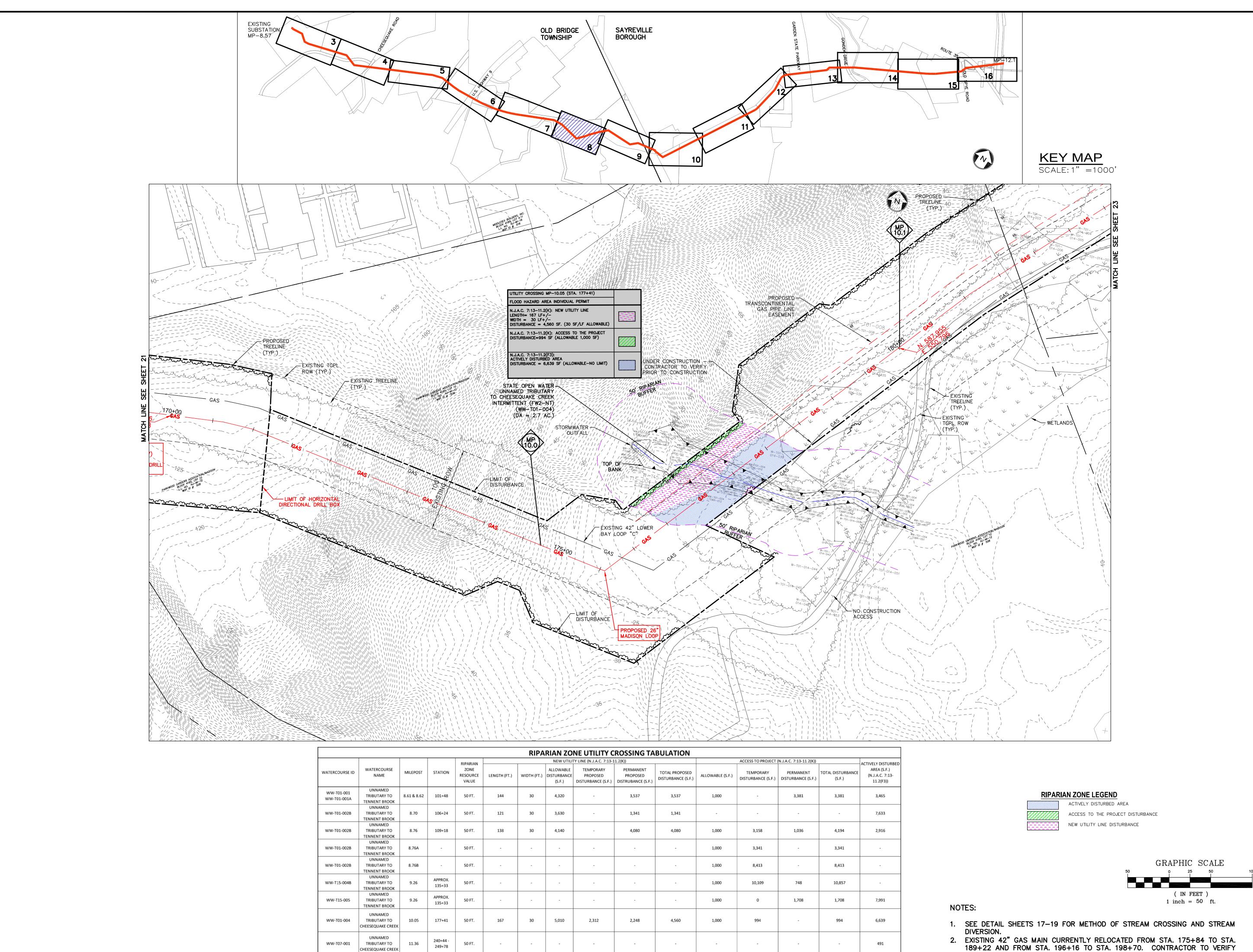
OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

SHEET TITLE

RIPARIAN ZONE PERMIT PLAN MP 9.6 - MP 9.9

PROJECT NO.: 05731.0002 | DRAWN BY: JPS SCALE: 1 = 50' DATE: 06/08/18 SHEET NO.

CHECKED BY: WS SHEET 7 OF 20



DESCRIPTION ____ PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN - GAS ----- PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE  $\neg$ uhuhuhuhu $\neg$ PROPOSED TREELINE EXISTING FENCE <del>_x__x</del> EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF DISTURBANCE PROPOSED HDD LIMIT OF DISTURBANCE STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK 50' WETLAND TRANSITION AREA RIPARIAN BUFFER MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE 500' BUFFER ____ TIDELANDS (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT) WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS 4 1609 I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS

# DW SMITH ASSOCIATES, LLC

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE

AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS WILLIAM SALMON, P.E. PS&S, LLC

6/8/18

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700



1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626

THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NO PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF T PROJECT OR FOR REUSE ON ANY OTHER PROJECT.

CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSITHESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICHEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTOCUMENTS. OPYRIGHT 2017 PAULUS, SOKOLOWSKI AND SARTOR, LLC. - ALL RIGHTS RESERVED.

PROJECT

# NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

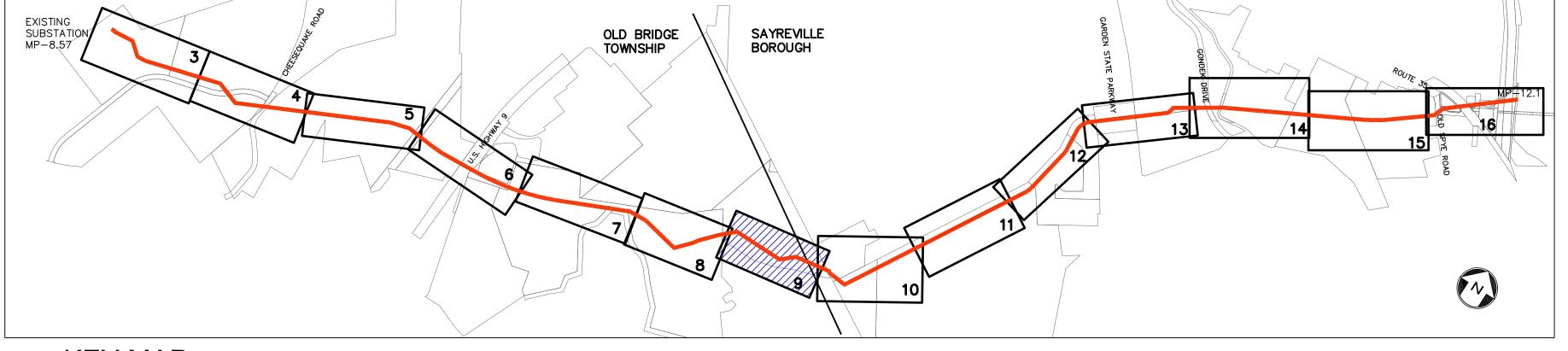
SHEET TITLE

FINAL LOCATION PRIOR TO CONSTRUCTION OF PROPOSED 26" GAS MAIN.

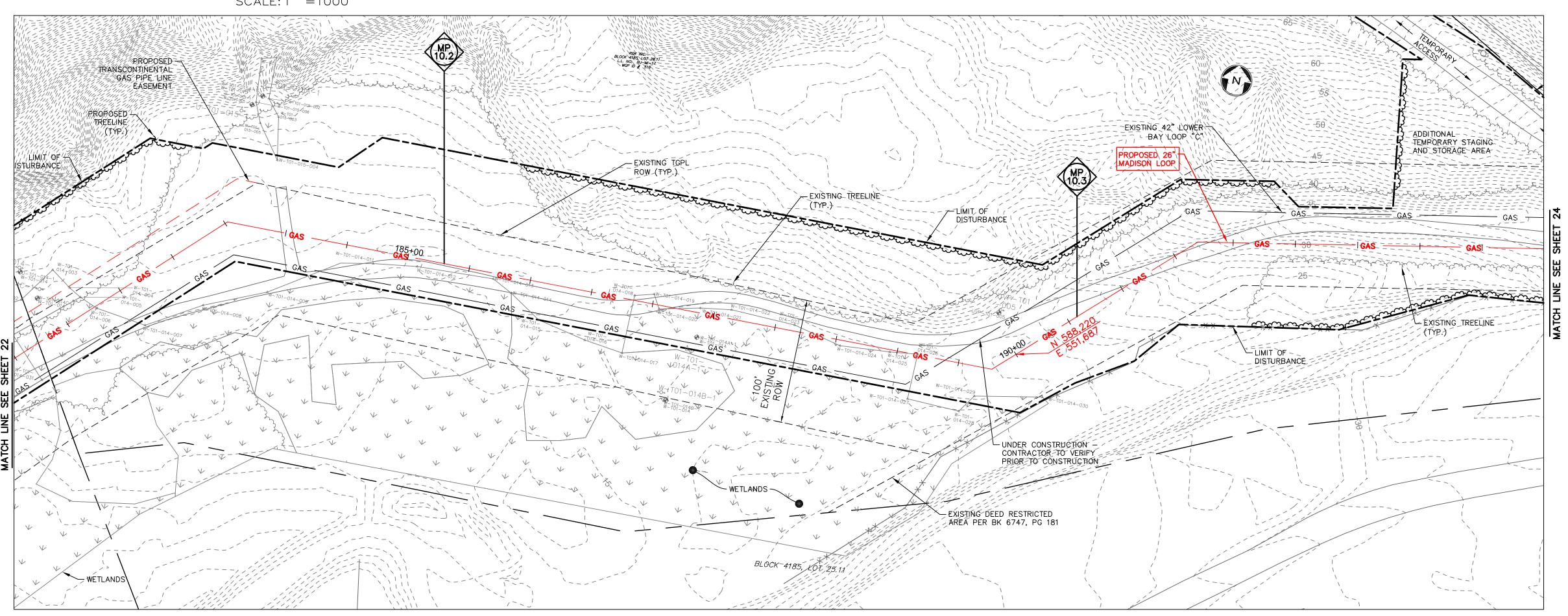
RIPARIAN ZONE PERMIT PLAN MP 9.9 - MP 10.1

PROJECT NO.: 05731.0002 | DRAWN BY: JPS DATE:

CHECKED BY: WS SHEET 8 OF 20 06/08/18 SHEET NO.



KEY MAP
SCALE: 1" =1000'



						RIPA	RIAN ZO	NE UTILITY C	ROSSING TA	BULATION					
				RIPARIAN			NEW UTILI	ΓΥ LINE (N.J.A.C. 7:13-1	1.2(K))			ACCESS TO PROJECT	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,135

1. NO NJDEP FLOOD HAZARD AREA REGULATED FEATURES ON THIS

SHEET.

GRAPHIC SCALE ( IN FEET ) 1 inch = 50 ft.

EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE _ափափափա^{_} PROPOSED TREELINE EXISTING FENCE EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK 50' WETLAND TRANSITION AREA MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT) WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS 1609 I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400 I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS. WILLIAM SALMON, P.E. PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700 PAULUS, SOKOLOWSKI AND SARTOR, LLC.

DESCRIPTION

PROPERTY LINE

1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

6/8/18

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOWS AND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN TI CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOT PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF TH PROJECT OR FOR REUSE ON ANY OTHER PROJECT. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTI HEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

SHEET TITLE

RIPARIAN ZONE PERMIT PLAN MP 10.1 - MP 10.4

PROJECT NO.: 05731.0002 | DRAWN BY: JPS SCALE: 1 = 50' DATE:

CHECKED BY: WS 06/08/18 SHEET 9 OF 20 SHEET NO.

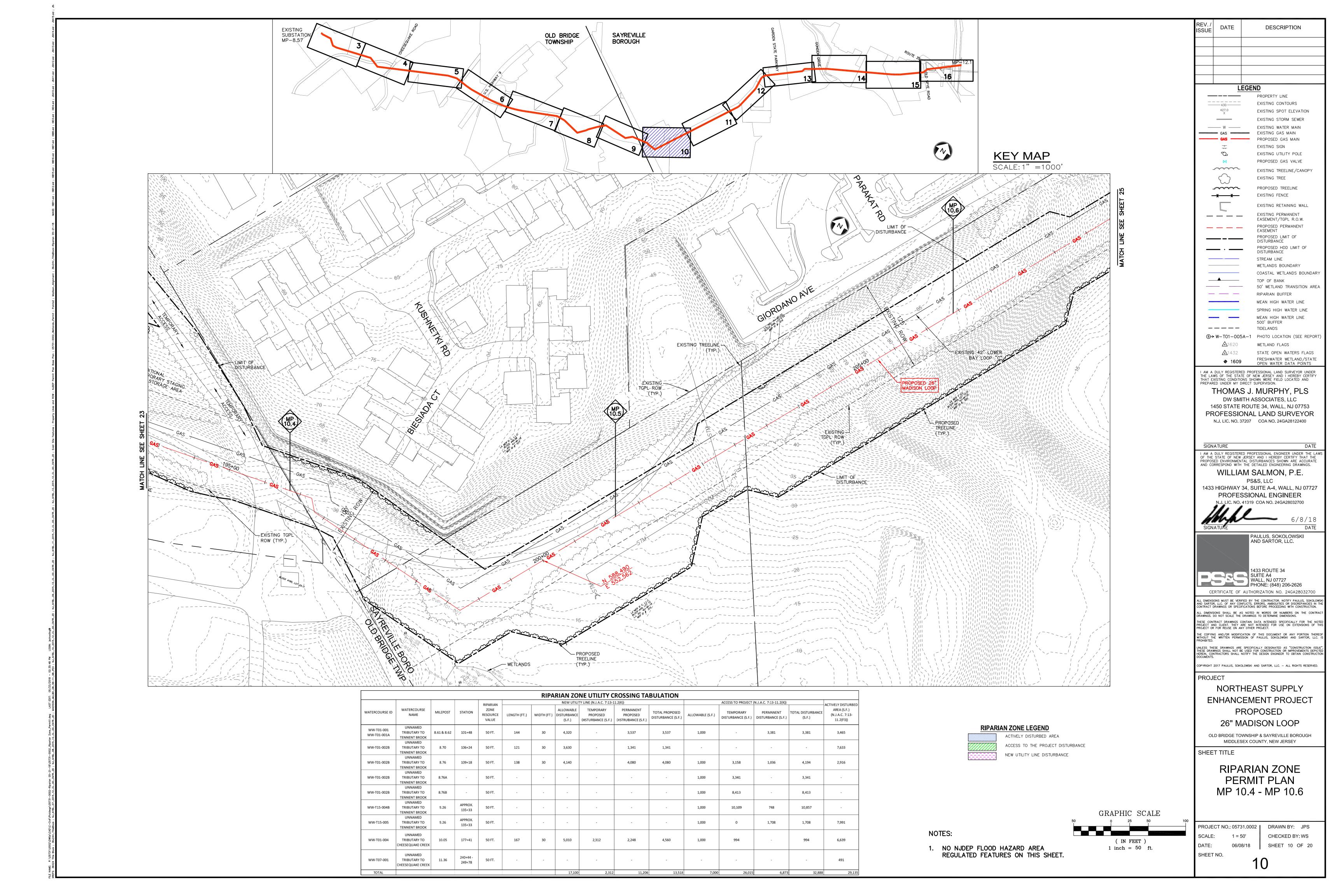


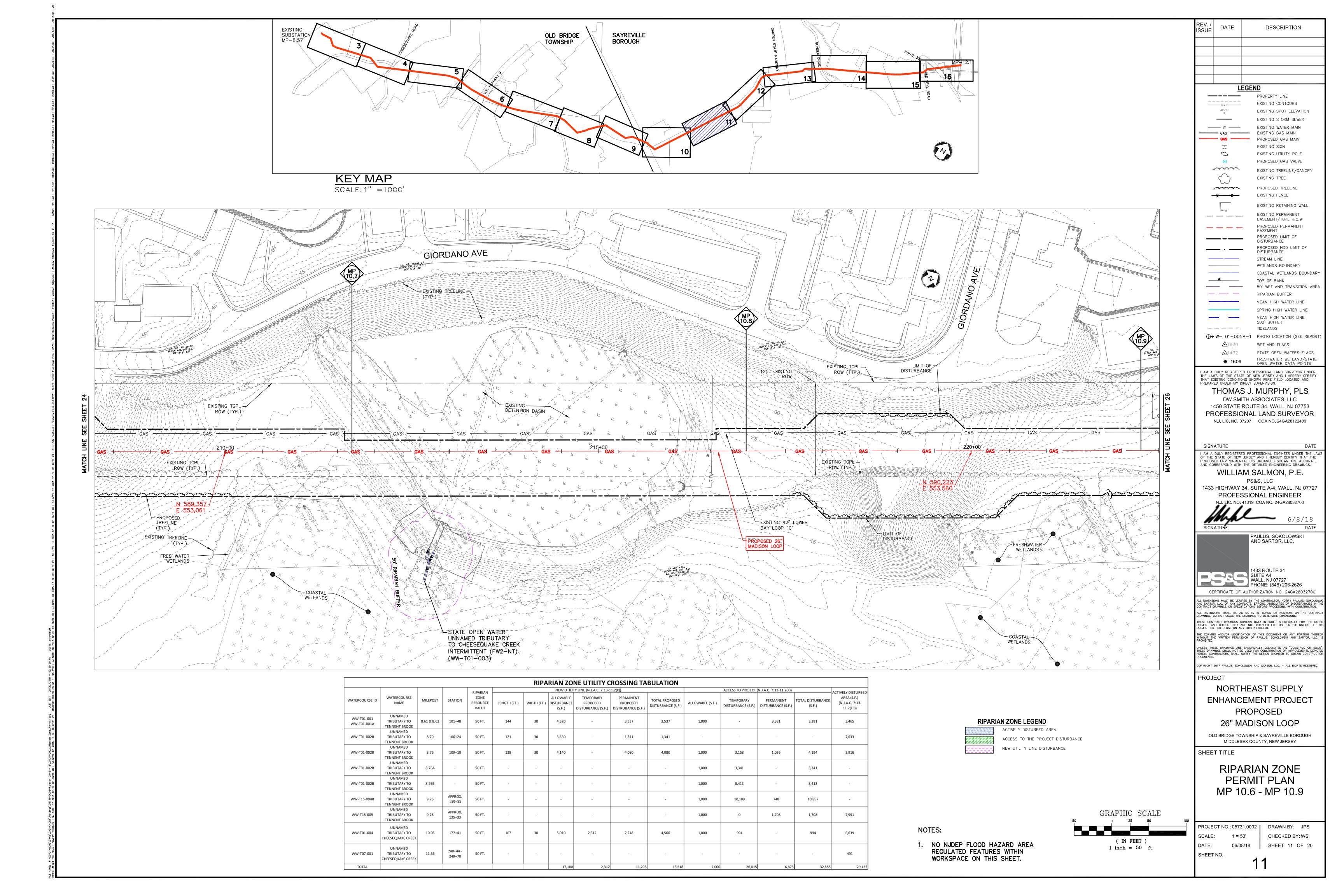
RIPARIAN ZONE LEGEND

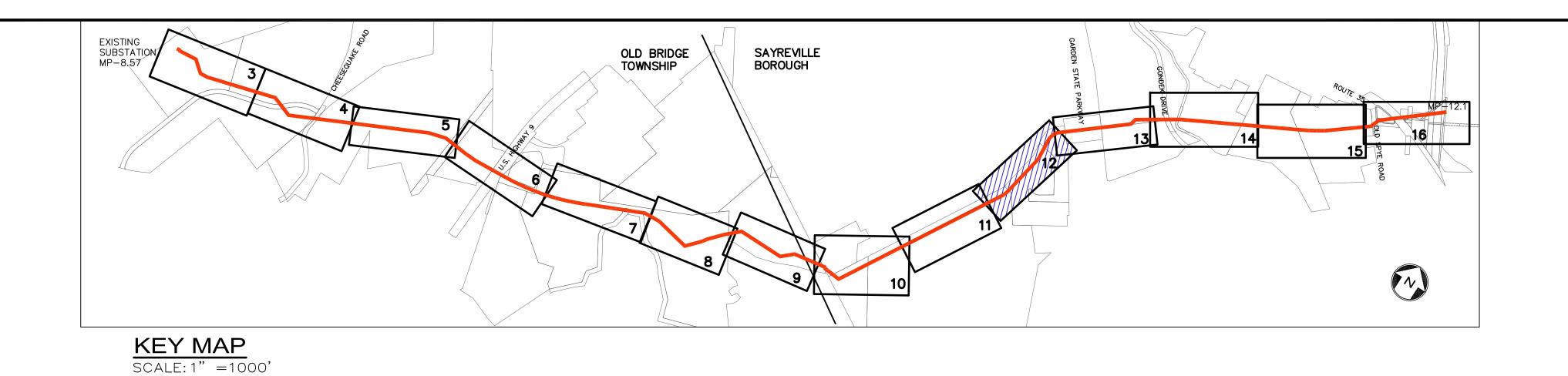
ACTIVELY DISTURBED AREA

NEW UTILITY LINE DISTURBANCE

ACCESS TO THE PROJECT DISTURBANCE







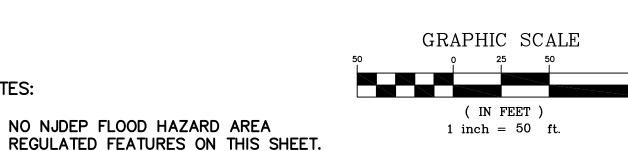
The state of the s TGPL ROW \EXISTING TREELINE -(TYP.) LIMIT OF'; TEMPORARY — DISTUŔBANÇE' EXISTING -CONSTRUCTION TGPL RÒW - PROPOSED TREELINE ZEXISTING 42" LOWER BAY LOOP, "C" + FRESHWATER WETLANDS DETENTION <

						DIDA	DIAN 70	NE LITH ITY C	POSSING TA	DIII ATION					
	T					KIPA		NE UTILITY C		BULATION		ACCESS TO BROJECT	(N.J.A.C. 7:13-11.2(K))		
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	RIPARIAN ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	ACTIVELY DISTURBED AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	o	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,135



1. NO NJDEP FLOOD HAZARD AREA

ACTIVELY DISTURBED AREA ACCESS TO THE PROJECT DISTURBANCE NEW UTILITY LINE DISTURBANCE



PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN - GAS ----- PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE _ափափափա^{_} PROPOSED TREELINE EXISTING FENCE <del>_x__x</del> EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF

DESCRIPTION

♦ 1609 FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

STREAM LINE

TOP OF BANK

500' BUFFER

WETLAND FLAGS

TIDELANDS (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT)

WETLANDS BOUNDARY

MEAN HIGH WATER LINE SPRING HIGH WATER LINE

MEAN HIGH WATER LINE

STATE OPEN WATERS FLAGS

COASTAL WETLANDS BOUNDARY

50' WETLAND TRANSITION AREA

# THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC

____

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS. WILLIAM SALMON, P.E. PS&S, LLC

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

PAULUS, SOKOLOWSKI AND SARTOR, LLC.

1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

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PROJECT

# NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH

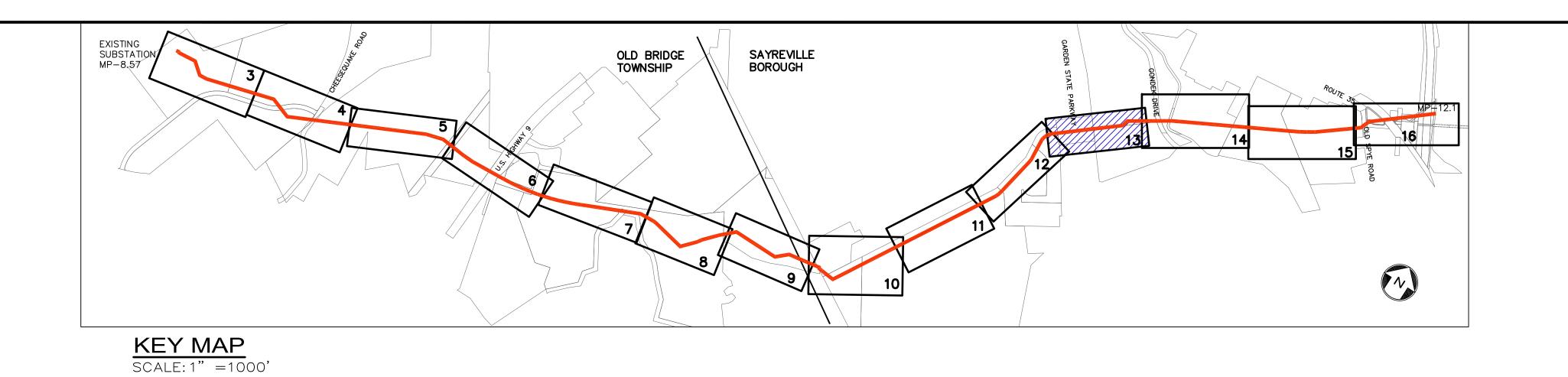
MIDDLESEX COUNTY, NEW JERSEY

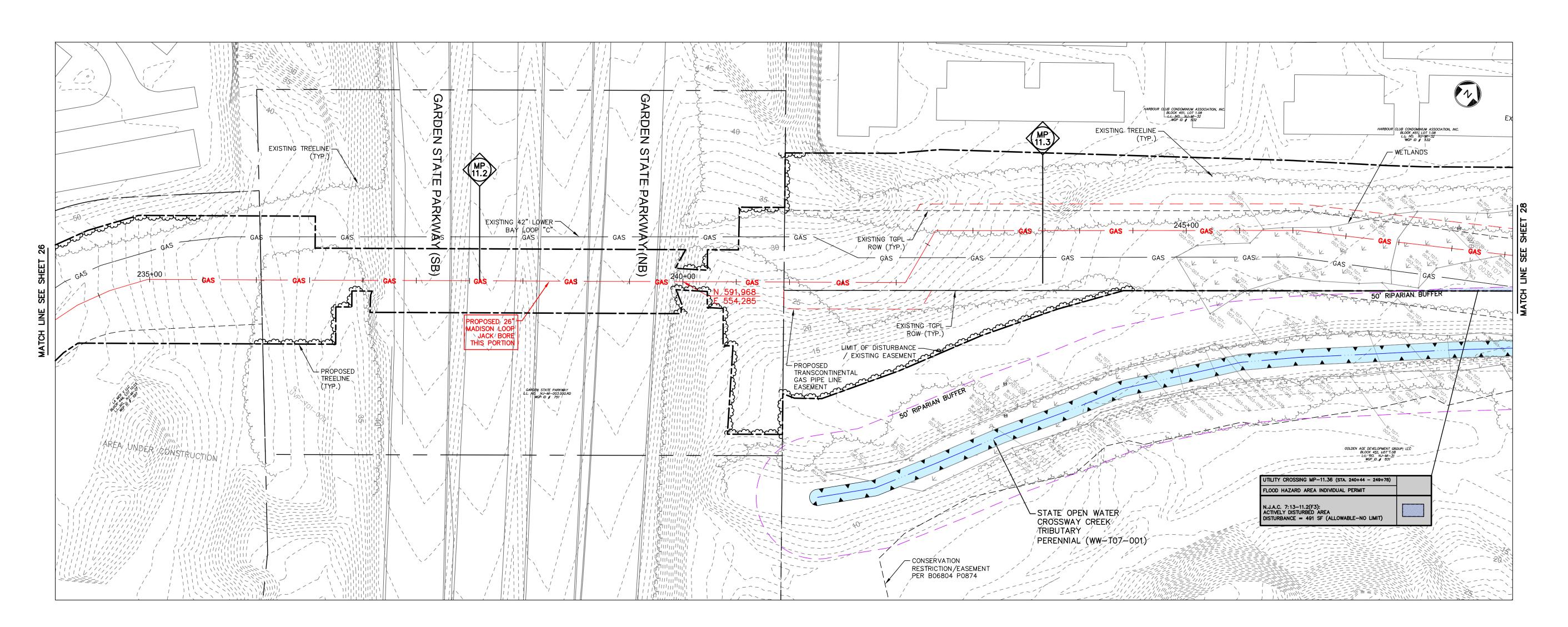
SHEET TITLE

RIPARIAN ZONE PERMIT PLAN MP 10.9 - MP 11.1

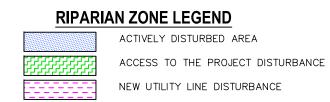
PROJECT NO.: 05731.0002 | DRAWN BY: JPS DATE: SHEET NO.

CHECKED BY: WS 1 = 50' 06/08/18 SHEET 12 OF 20





						RIPA	RIAN ZO	NE UTILITY C	ROSSING TA	BULATION					
				RIPARIAN		1111 /1		TY LINE (N.J.A.C. 7:13-1		0017111011		ACCESS TO PROJECT (	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,13



GRAPHIC SCALE

O 25 50

( IN FEET )

1 inch = 50 ft.

PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE _ափափափա^{_} PROPOSED TREELINE EXISTING FENCE EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W.

DESCRIPTION

PROPOSED PERMANENT
EASEMENT
PROPOSED LIMIT OF
DISTURBANCE
PROPOSED HDD LIMIT OF
DISTURBANCE
STREAM LINE
WETLANDS BOUNDARY
COASTAL WETLANDS BOUNDARY
TOP OF BANK
50' WETLAND TRANSITION AREA

MEAN HIGH WATER LINE

SPRING HIGH WATER LINE

MEAN HIGH WATER LINE

MEAN HIGH WATER LINE

500' BUFFER

TIDELANDS

③→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT)

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS J. MURPHY, PLS

DW SMITH ASSOCIATES, LLC
1450 STATE ROUTE 34, WALL, NJ 07753
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 37207 COA NO. 24GA28122400

SIGNATURE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE

AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS.

WILLIAM SALMON, P.E.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700
6 / 8 / 1
SIGNATURE

PAULUS, SOKOLOWSKI AND SARTOR, LLC.

1433 ROUTE 34
SUITE A4
WALL, NJ 07727
PHONE: (848) 206-2626

CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR, NOTIFY PAULUS, SOKOLO AND SAPTOR, LLC, OF ANY CONFILICITY EPPAPS, AMPICULTIES OF DISCOSPRANCIES IN

CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE CONTRACT DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.

THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.

THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY PORTION THEREOF MITHOUT THE WRITTEN PERMISSION OF PAULUS, SOKOLOWSKI AND SARTOR, LLC. IS PROHIBITED.

JUNIESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE", THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.

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PROJECT

NORTHEAST SUPPLY
ENHANCEMENT PROJECT
PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

SHEET TITLE

SHEET NO.

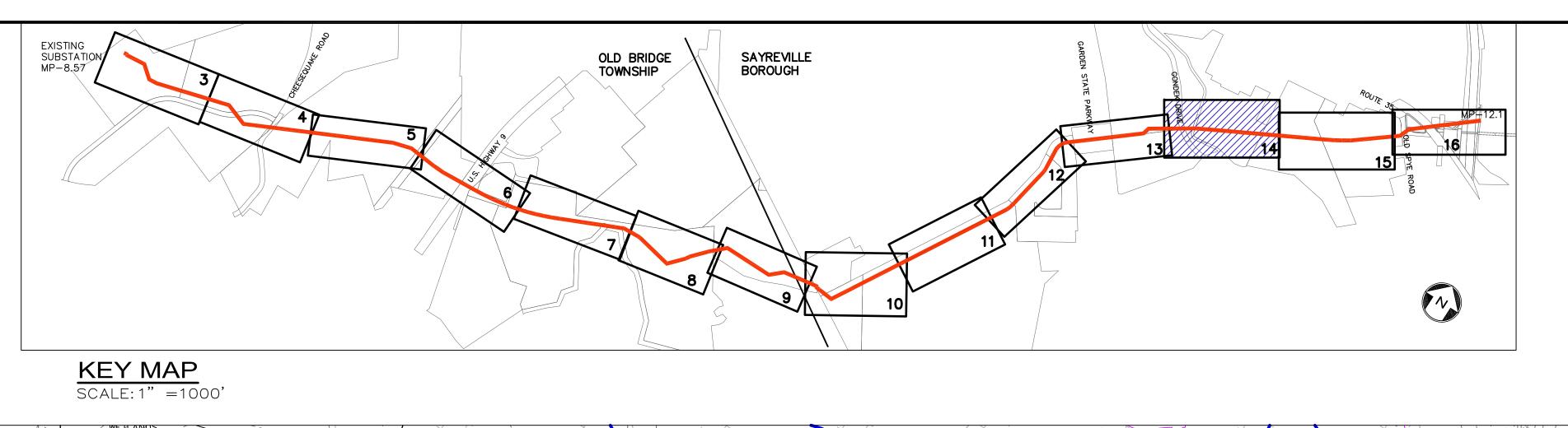
RIPARIAN ZONE PERMIT PLAN MP 11.1 - MP 11.4

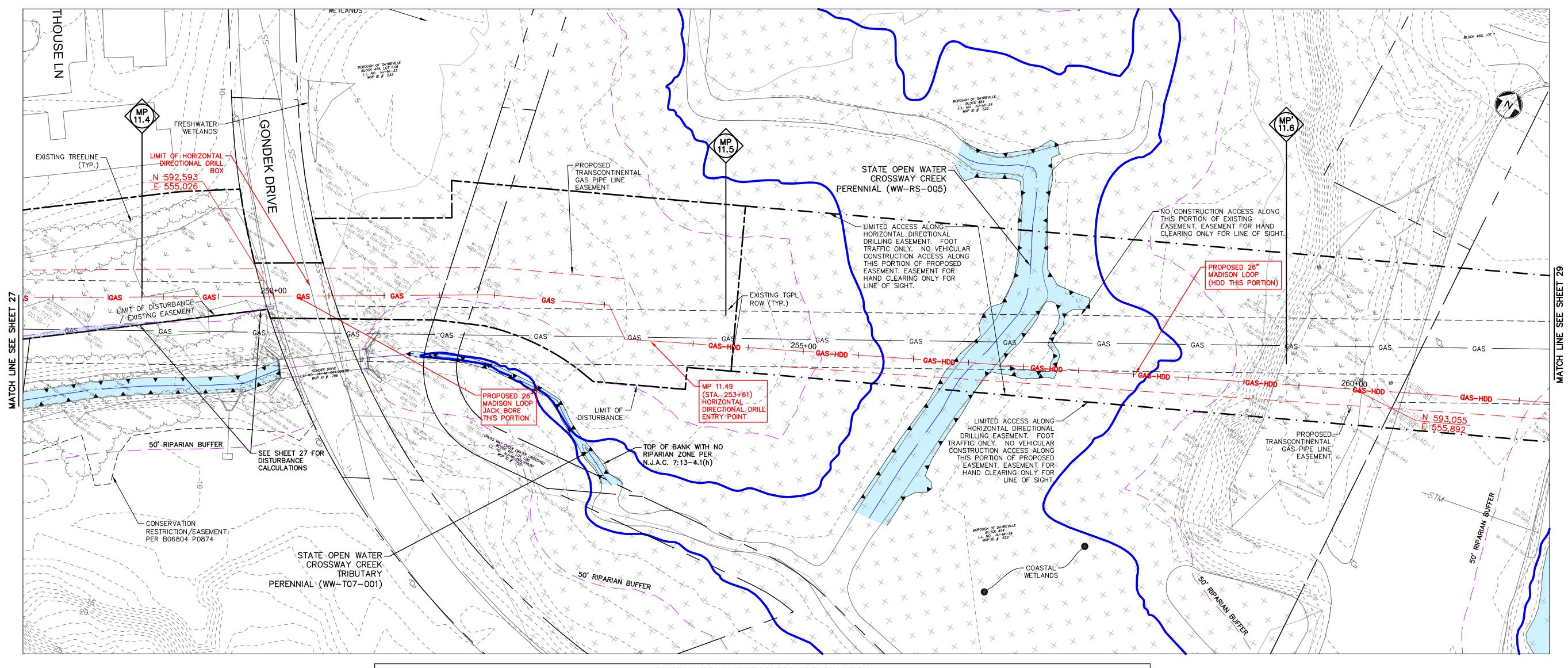
PROJECT NO.: 05731.0002 | DRAWN BY: JPS

SCALE: 1 = 50' | CHECKED BY: WS

DATE: 06/08/18 | SHEET 13 OF 20

CHECKED BY: WS
SHEET 13 OF 20





						RIPA	RIAN ZO	NE UTILITY C	ROSSING TA	BULATION					
				RIPARIAN			NEW UTILI	TY LINE (N.J.A.C. 7:13-1	1.2(K))			ACCESS TO PROJECT	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	ARFA (S.F.)
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,13



ACTIVELY DISTURBED AREA ACCESS TO THE PROJECT DISTURBANCE NEW UTILITY LINE DISTURBANCE

> GRAPHIC SCALE ( IN FEET ) 1 inch = 50 ft.

PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN

DESCRIPTION

PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE _ափափափա^{_} PROPOSED TREELINE

EXISTING FENCE EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF

STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK

MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE 500' BUFFER TIDELANDS (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT)

50' WETLAND TRANSITION AREA

WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS **♦** 1609

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS

DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

WILLIAM SALMON, P.E.

6/8/18 PAULUS, SOKOLOWSKI AND SARTOR, LLC.

1433 ROUTE 34 1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOW AND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN 1 CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSU THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICT HEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTI DOCUMENTS.

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

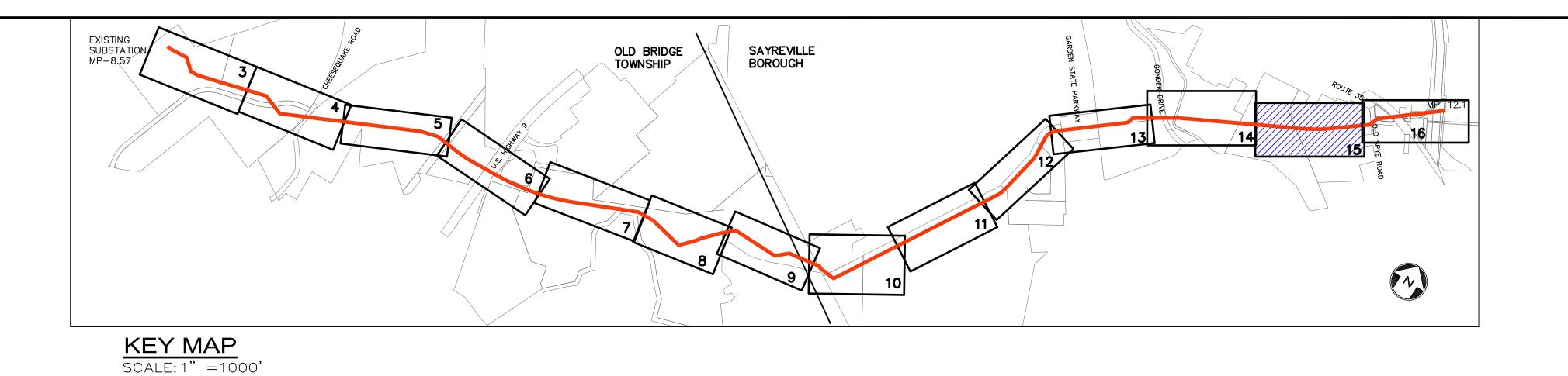
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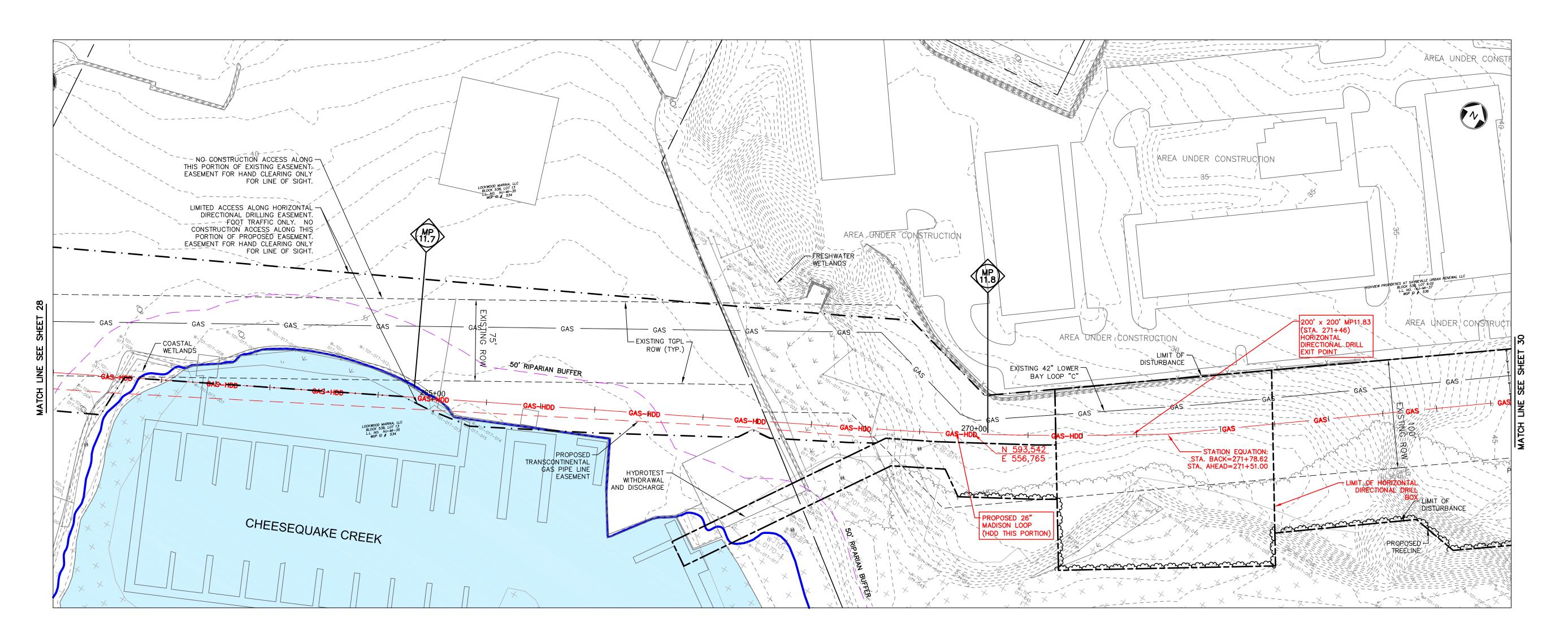
RIPARIAN ZONE PERMIT PLAN MP 11.4 - MP 11.6

PROJECT NO.: 05731.0002 | DRAWN BY: JPS 1 = 50' SCALE: DATE: 06/08/18

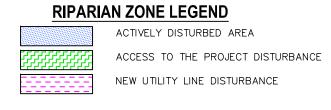
SHEET NO.

CHECKED BY: WS SHEET 14 OF 20



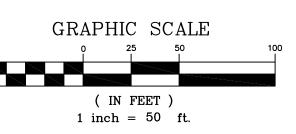


						RIPA	RIAN ZO	NE UTILITY C	ROSSING TA	BULATION					
				RIPARIAN				TY LINE (N.J.A.C. 7:13-1				ACCESS TO PROJECT	(N.J.A.C. 7:13-11.2(K))		ACTIVELY DISTURBED
WATERCOURSE ID	WATERCOURSE NAME	MILEPOST	STATION	ZONE RESOURCE VALUE	LENGTH (FT.)	WIDTH (FT.)	ALLOWABLE DISTURBANCE (S.F.)	TEMPORARY PROPOSED DISTURBANCE (S.F.)	PERMANENT PROPOSED DISTRUBANCE (S.F.)	TOTAL PROPOSED DISTURBANCE (S.F.)	ALLOWABLE (S.F.)	TEMPORARY DISTURBANCE (S.F.)	PERMANENT DISTURBANCE (S.F.)	TOTAL DISTURBANCE (S.F.)	AREA (S.F.) (N.J.A.C. 7:13- 11.2(F3))
WW-T01-001 WW-T01-001A	UNNAMED TRIBUTARY TO TENNENT BROOK	8.61 & 8.62	101+48	50 FT.	144	30	4,320	-	3,537	3,537	1,000	-	3,381	3,381	3,465
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.70	106+24	50 FT.	121	30	3,630	-	1,341	1,341	-	-	-	-	7,633
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76	109+18	50 FT.	138	30	4,140	-	4,080	4,080	1,000	3,158	1,036	4,194	2,916
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76A	-	50 FT.	-	-	-	-	-	-	1,000	3,341	-	3,341	-
WW-T01-002B	UNNAMED TRIBUTARY TO TENNENT BROOK	8.76B	-	50 FT.	-	-	-	-	-	-	1,000	8,413	-	8,413	-
WW-T15-004B	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	10,109	748	10,857	-
WW-T15-005	UNNAMED TRIBUTARY TO TENNENT BROOK	9.26	APPROX. 135+33	50 FT.	-	-	-	-	-	-	1,000	0	1,708	1,708	7,991
WW-T01-004	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	10.05	177+41	50 FT.	167	30	5,010	2,312	2,248	4,560	1,000	994	-	994	6,639
WW-T07-001	UNNAMED TRIBUTARY TO CHEESEQUAKE CREEK	11.36	240+44 - 249+78	50 FT.	-	-	-	-	-	-	-	-	-	-	491
TOTAL							17,100	2,312	11,206	13,518	7,000	26,015	6,873	32,888	29,13



NOTES:

1. NO NJDEP FLOOD HAZARD AREA REGULATED FEATURES ON THIS SHEET.



DESCRIPTION PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN - GAS ----- PROPOSED GAS MAIN EXISTING SIGN

EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE _ափափափա^{_} PROPOSED TREELINE EXISTING FENCE <del>_x__x</del> EXISTING RETAINING WALL

EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF DISTURBANCE

PROPOSED HDD LIMIT OF STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK 50' WETLAND TRANSITION AREA

MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE 500' BUFFER TIDELANDS (S)→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT)

WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS **♦** 1609

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DR WILLIAM SALMON, P.E.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

PAULUS, SOKOLOWSKI

N.J. LIC. NO. 41319 COA NO. 24GA28032700

AND SARTOR, LLC. 1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626

CERTIFICATE OF AUTHORIZATION NO. 24GA28032700 LL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOW ND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN 1 ONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

26" MADISON LOOP

OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH

MIDDLESEX COUNTY, NEW JERSEY

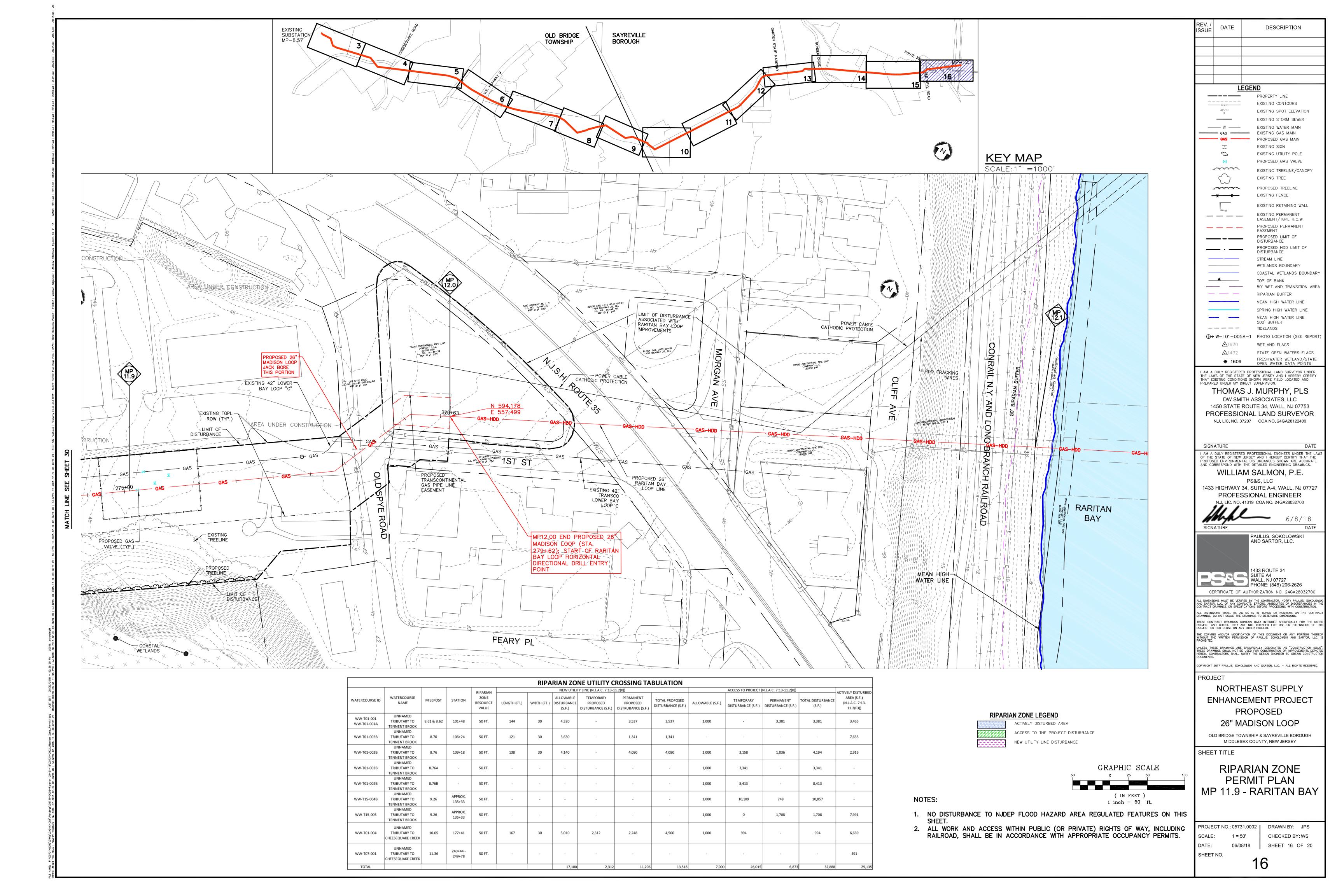
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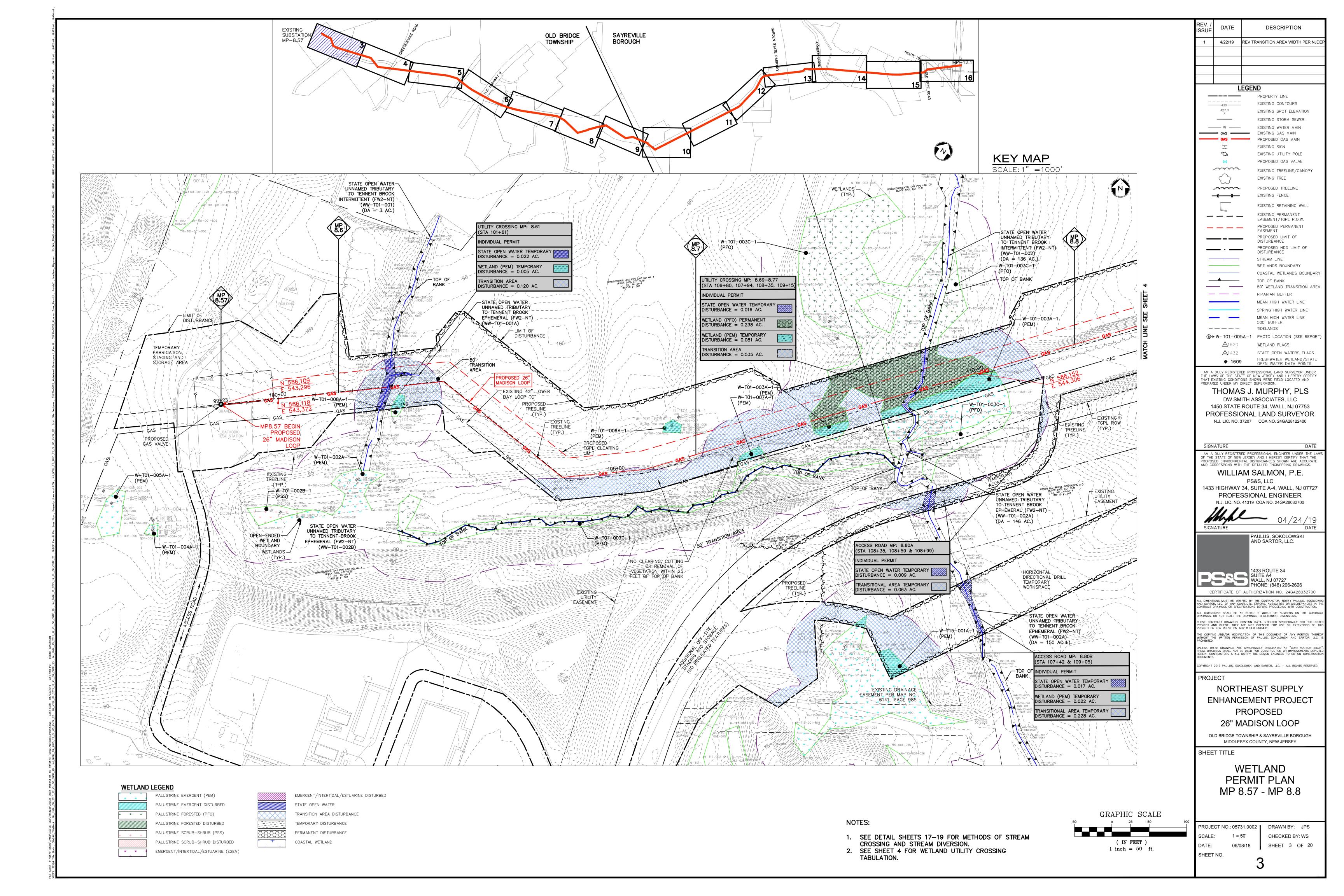
RIPARIAN ZONE PERMIT PLAN MP 11.6 - MP 11.9

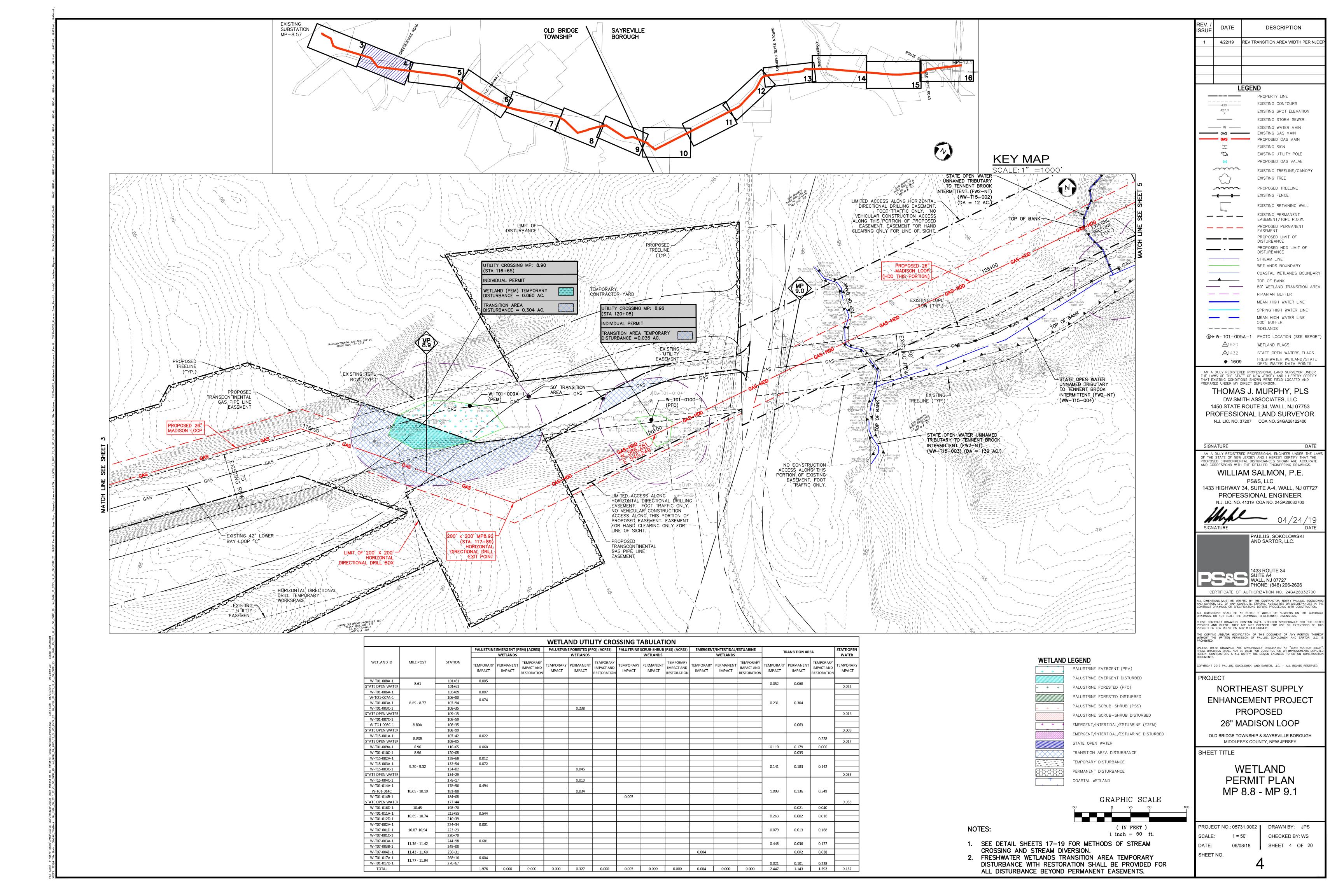
PROJECT NO.: 05731.0002 | DRAWN BY: JPS SCALE: CHECKED BY: WS 1 = 50' DATE: 06/08/18

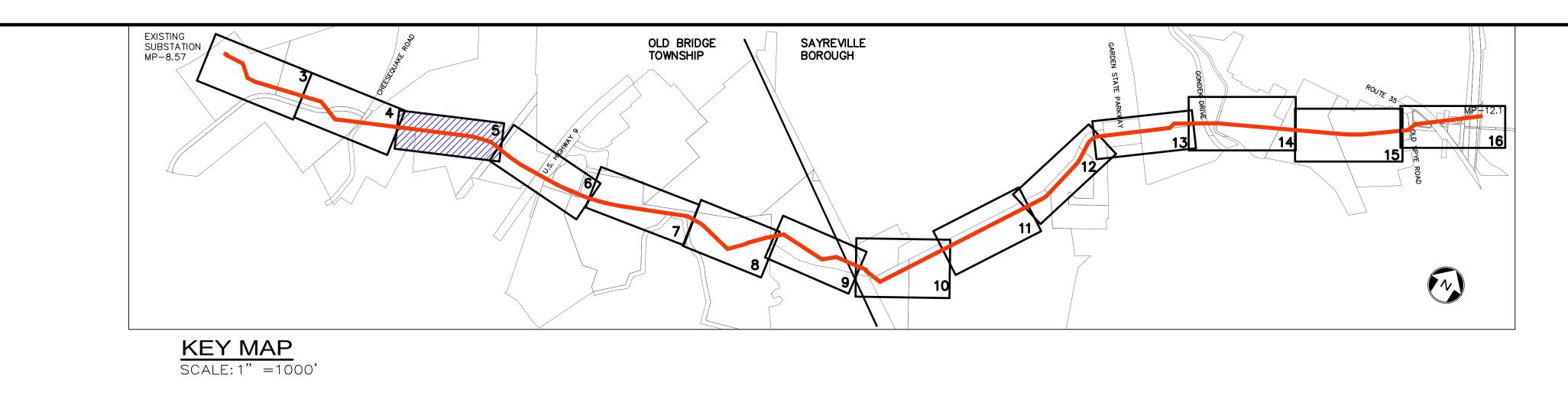
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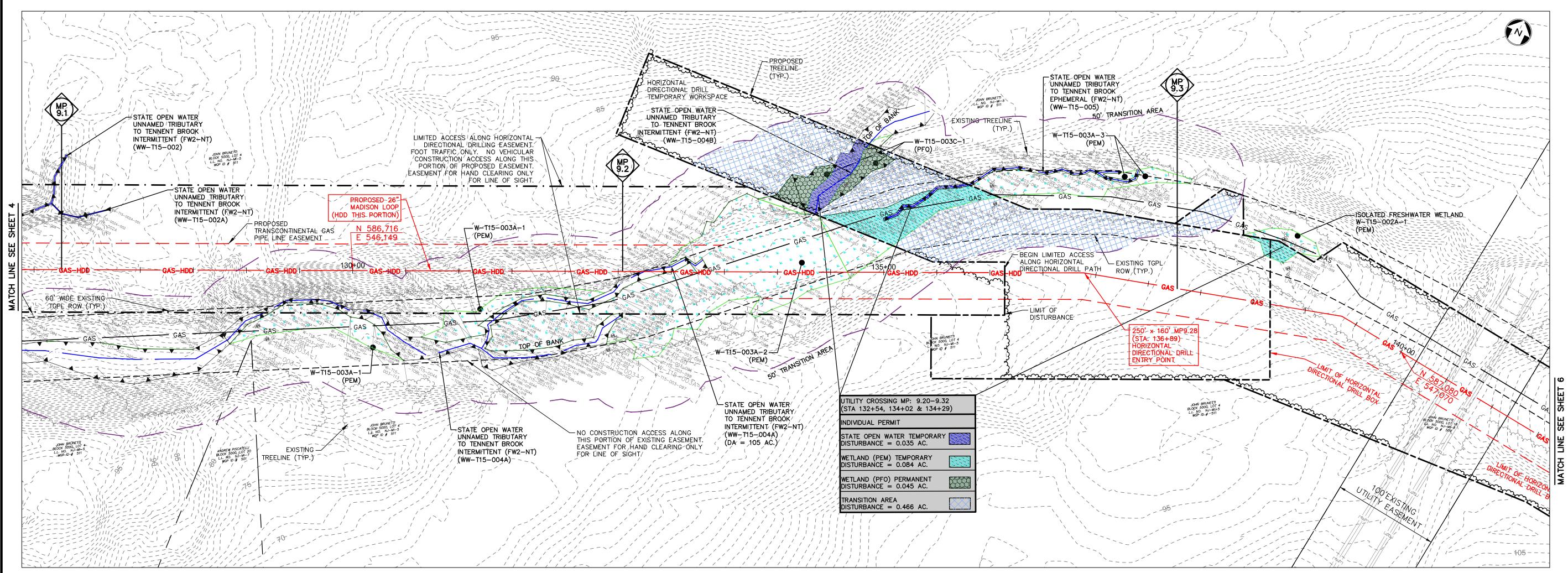
SHEET 15 OF 20







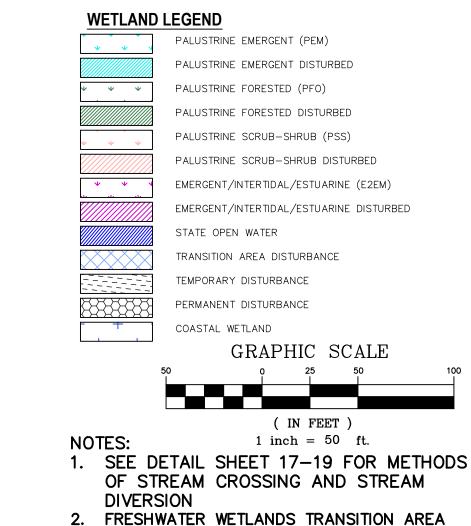




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	Т														ı			
			PALUSTRINE	EMERGENT (F	PEM) (ACRES)	PALUSTRIN	E FORESTED (P	FO) (ACRES)	PALUSTRINE	SCRUB-SHRUB	(PSS) (ACRES)	EMERGEN'	T/INTERTIDAL/	ESTUARINE	т	RANSITION ARI	EA	STATE OPEN
				WETLANDS	1		WETLANDS			WETLANDS	T.		WETLANDS				1	WATER
WETLAND ID	MILE POST	STATION	TEMPORARY IMPACT	PERMANENT IMPACT	TEMPORARY IMPACT AND RESTORATION	IMPACT	PERMANENT IMPACT	TEMPORARY IMPACT AND RESTORATION	TEMPORARY IMPACT									
W-T01-008A-1	0.61	101+61	0.005												0.053	0.000		
ATE OPEN WATER	8.61	101+61													0.052	0.068		0.022
W-T01-006A-1		105+89	0.007															
W-TO1-007A-1		106+80	0.074												]			
W-T01-003A-1	8.69 - 8.77	107+94	0.074												0.231	0.304		
W-T01-003C-1		108+35					0.238											
TATE OPEN WATER		109+15																0.016
W-T01-007C-1		108+59																
W-TO1-003C-1	8.80A	108+35														0.063		
TATE OPEN WATER		108+99																0.009
W-T15-001A-1	8.80B	107+42	0.022														0.228	
TATE OPEN WATER	0.000	109+05															0.228	0.017
W-T01-009A-1	8.90	116+65	0.060												0.119	0.179	0.006	
W-T01-010C-1	8.96	120+08														0.035		
W-T15-002A-1		138+68	0.012															
W-T15-003A-1	9.20 - 9.32	132+54	0.072												0.141	0.183	0.142	
W-T15-003C-1	9.20 - 9.32	134+02					0.045								0.141	0.103	0.142	
TATE OPEN WATER		134+29																0.035
W-T15-004C-1		178+17					0.010											
W-T01-014A-1		178+96	0.494															
W-T01-014C	10.05 - 10.19	181+88					0.034								1.093	0.136	0.549	
W-T01-014B-1		184+08							0.007									
TATE OPEN WATER		177+44																0.058
W-T01-016D-1	10.45	198+70														0.021	0.040	
W-T01-011A-1	10.69 - 10.74	213+85	0.544								ļ	ļ			0.263	0.002	0.016	
W-T01-012D-1	10.05 10.74	210+39													0.203	0.502	0.010	
W-T07-002A-1		224+34	0.001															
W-T07-001D-1	10.87-10.94	223+23	1												0.079	0.013	0.168	
W-T07-001C-1		220+70									ļ							
W-T07-003A-1	11.36 - 11.42	244+98	0.681												0.448	0.036	0.177	
W-T07-003B-1	11.50 11.42	248+08													0.440	0.030	0.177	
W-T07-004D-1	11.43 - 11.60	250+31										0.004				0.002	0.038	
W-T01-017A-1	11.77 - 11.94	268+16	0.004															
W-T01-017D-1	11.// 11.54	270+67													0.021	0.101	0.228	

1.976 0.000 0.000 0.000 0.327 0.000 0.007 0.000 0.000 0.004 0.000 0.000 2.447 1.143 1.592 0.157

TOTAL



PROJECT NO.: 05731.0002 SCALE: TEMPORARY DISTURBANCE WITH RESTORATION SHEET NO. SHALL BE PROVIDED FOR ALL DISTURBANCE BEYOND PERMANENT EASEMENTS.

4/22/19 REV TRANSITION AREA WIDTH PER NJDE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE  $\neg$ PROPOSED TREELINE EXISTING FENCE <del>_x__x</del> EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF PROPOSED HDD LIMIT OF STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK 50' WETLAND TRANSITION AREA RIPARIAN BUFFER MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE 500' BUFFER **TIDELANDS** ⑤→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS 1609 I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400 PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE WILLIAM SALMON, P.E. PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700 PAULUS, SOKOLOWSKI AND SARTOR, LLC. 1433 ROUTE 34 PSSS SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700 THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOT PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THE PROJECT OR FOR REUSE ON ANY OTHER PROJECT. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSU THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPIC' HEREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCT DOCUMENTS. COPYRIGHT 2017 PAULUS, SOKOLOWSKI AND SARTOR, LLC. – ALL RIGHTS RESERVED. PROJECT NORTHEAST SUPPLY **ENHANCEMENT PROJECT PROPOSED** 26" MADISON LOOP OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY SHEET TITLE WETLAND PERMIT PLAN MP 9.1 - MP 9.4

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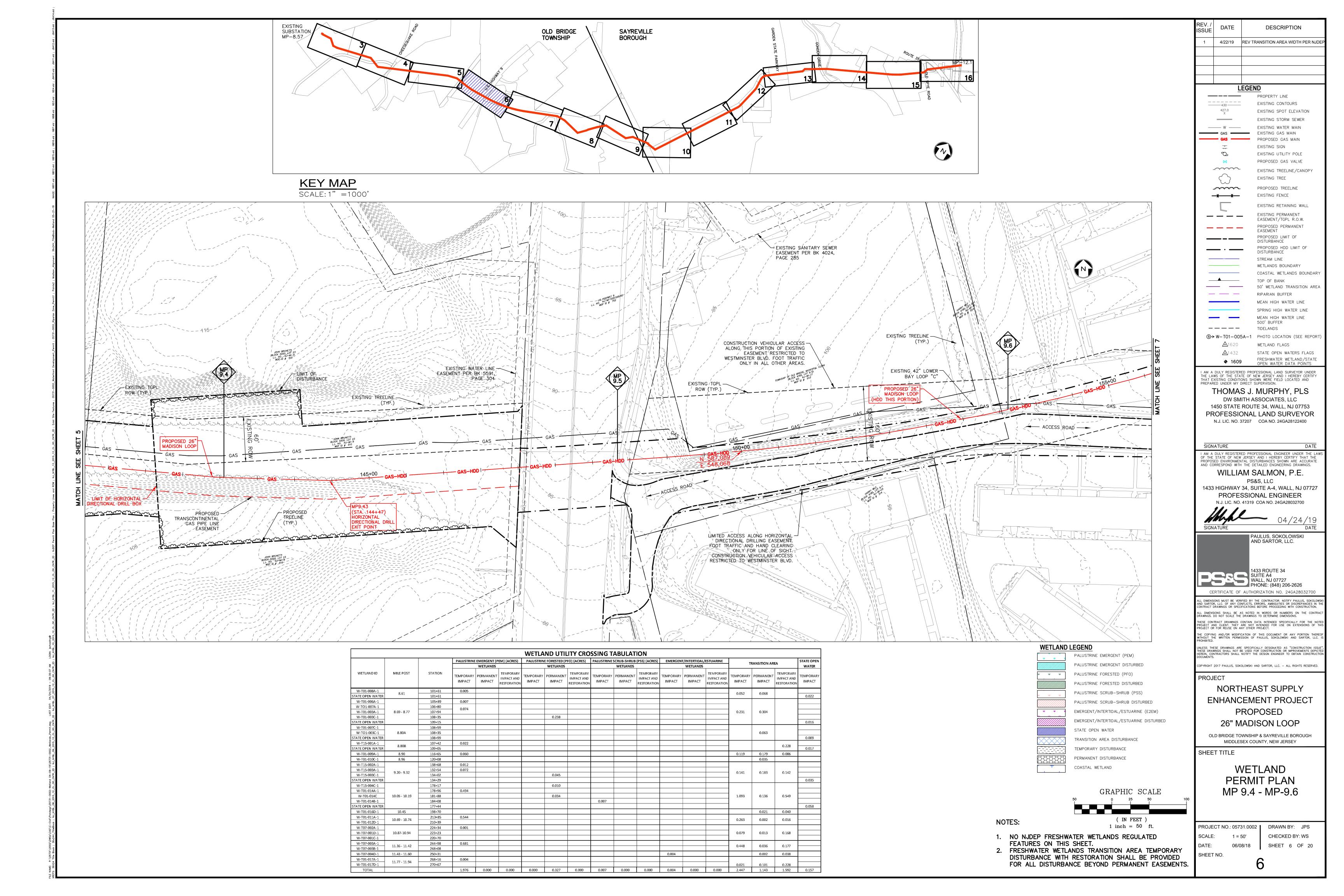
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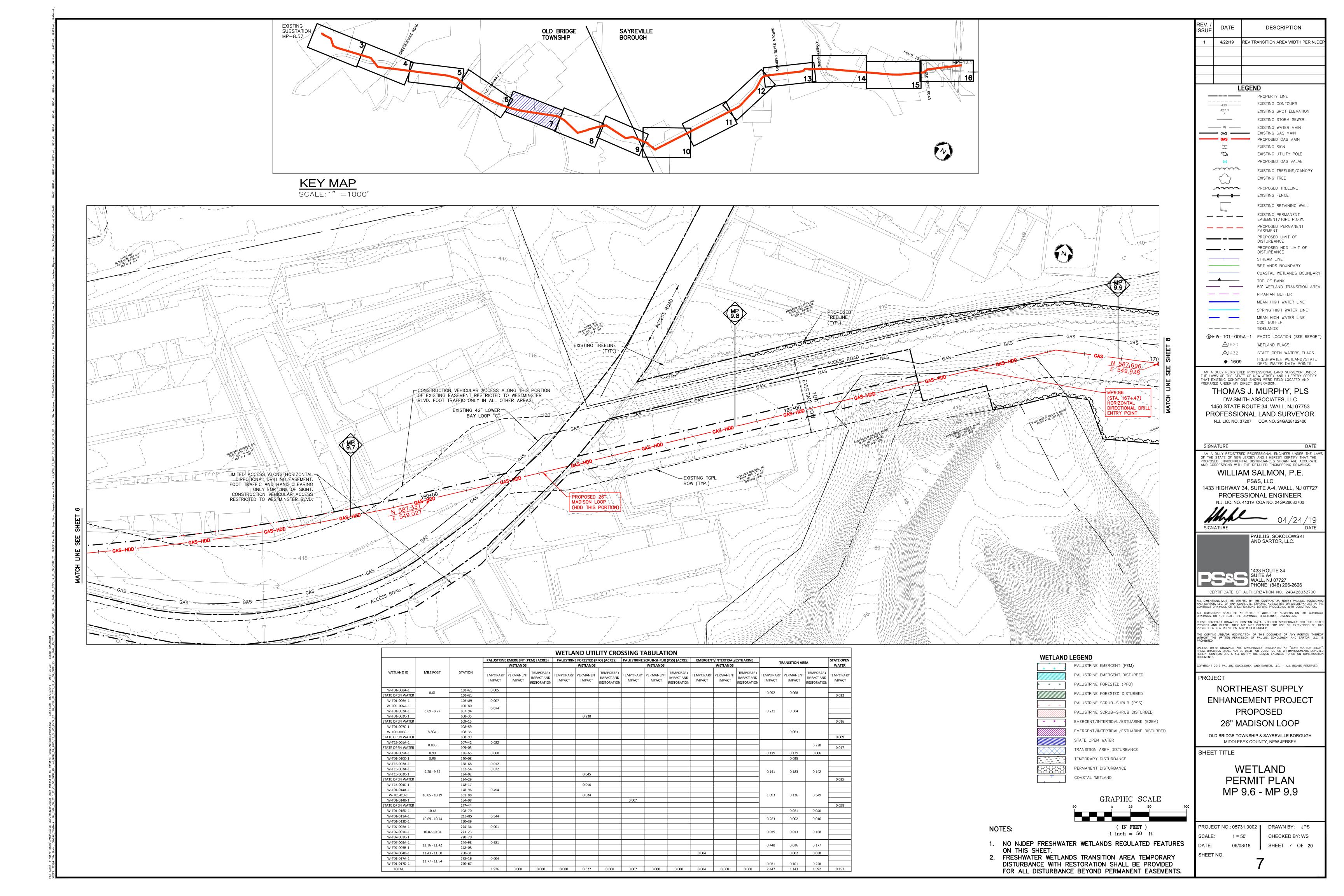
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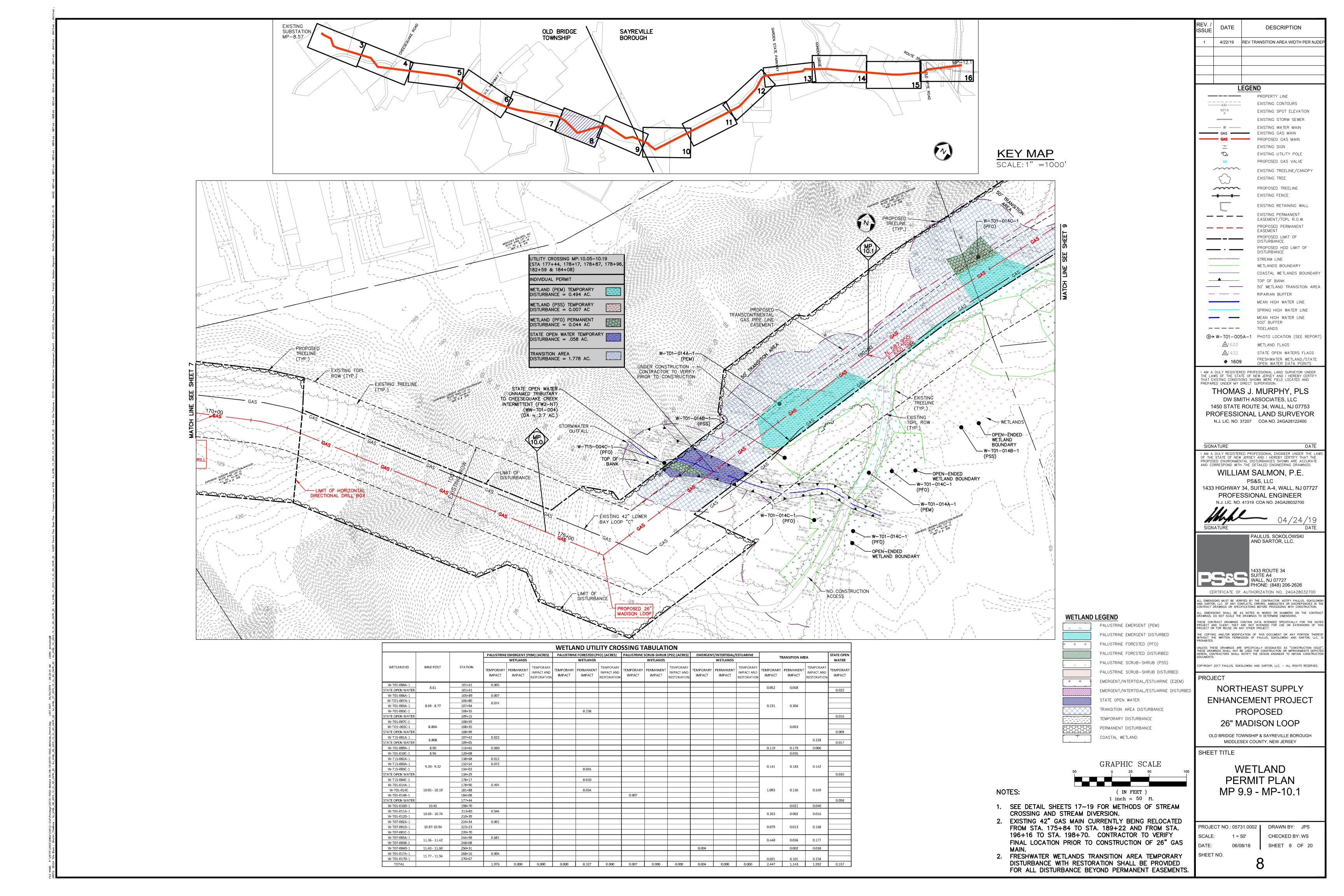
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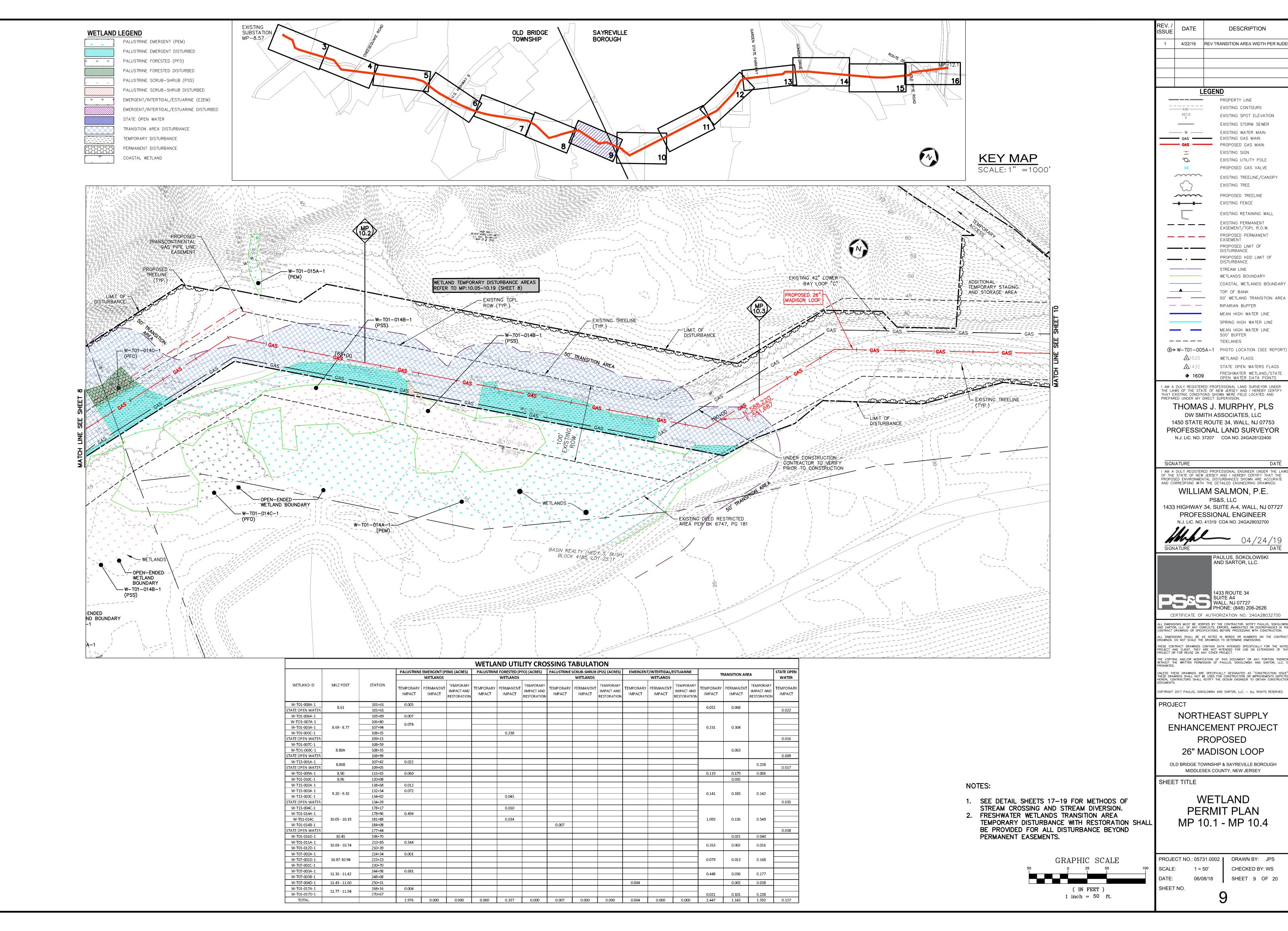
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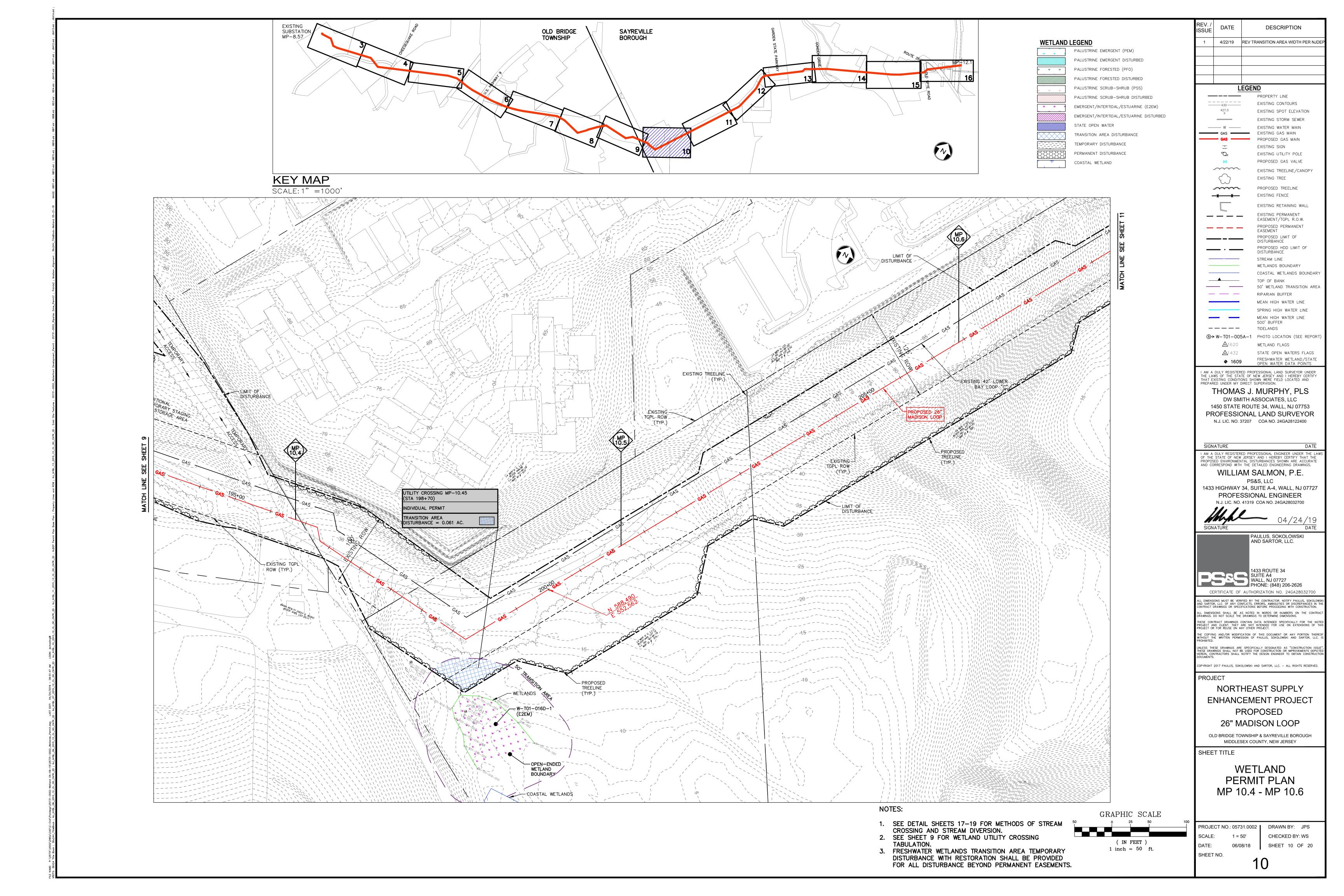
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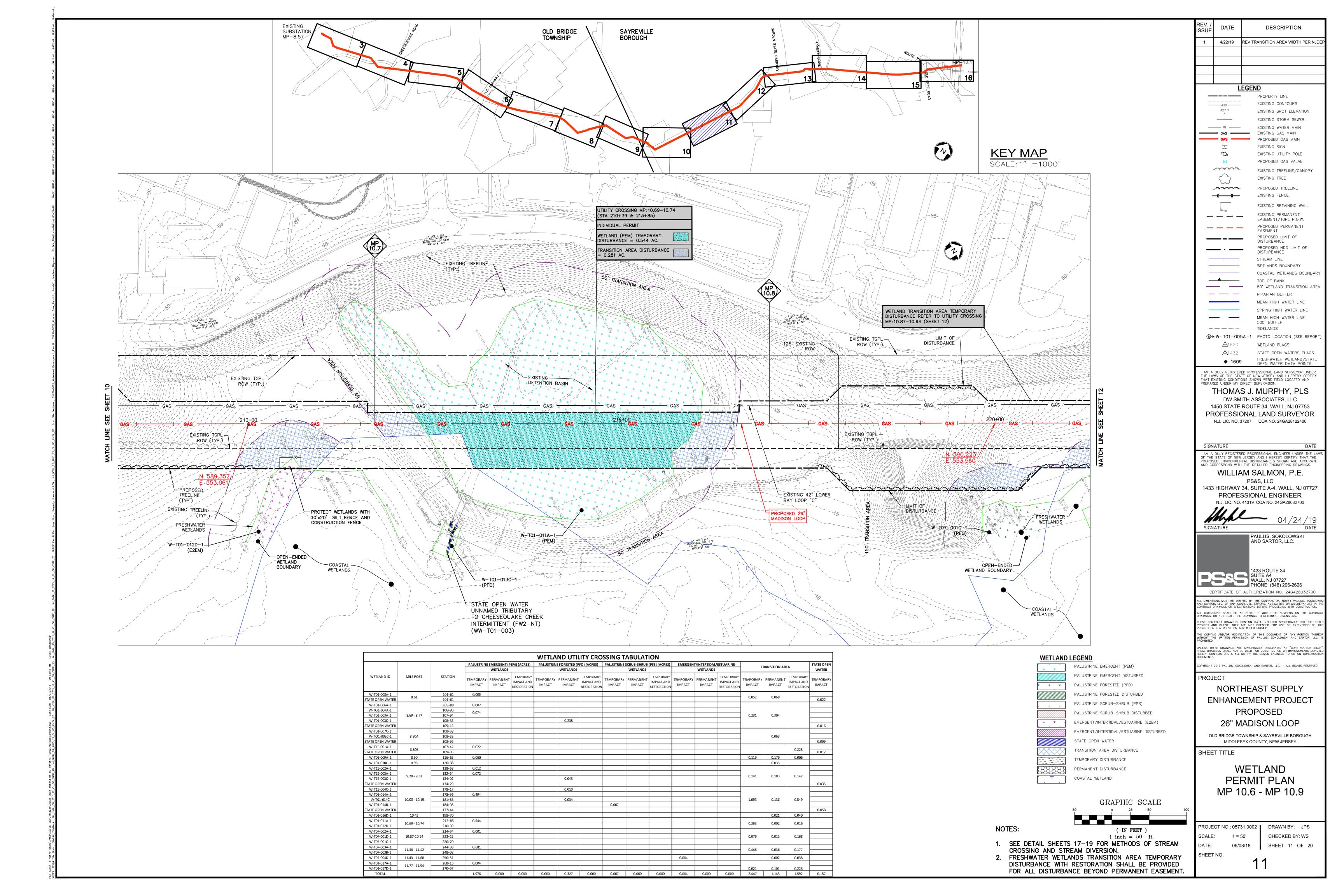


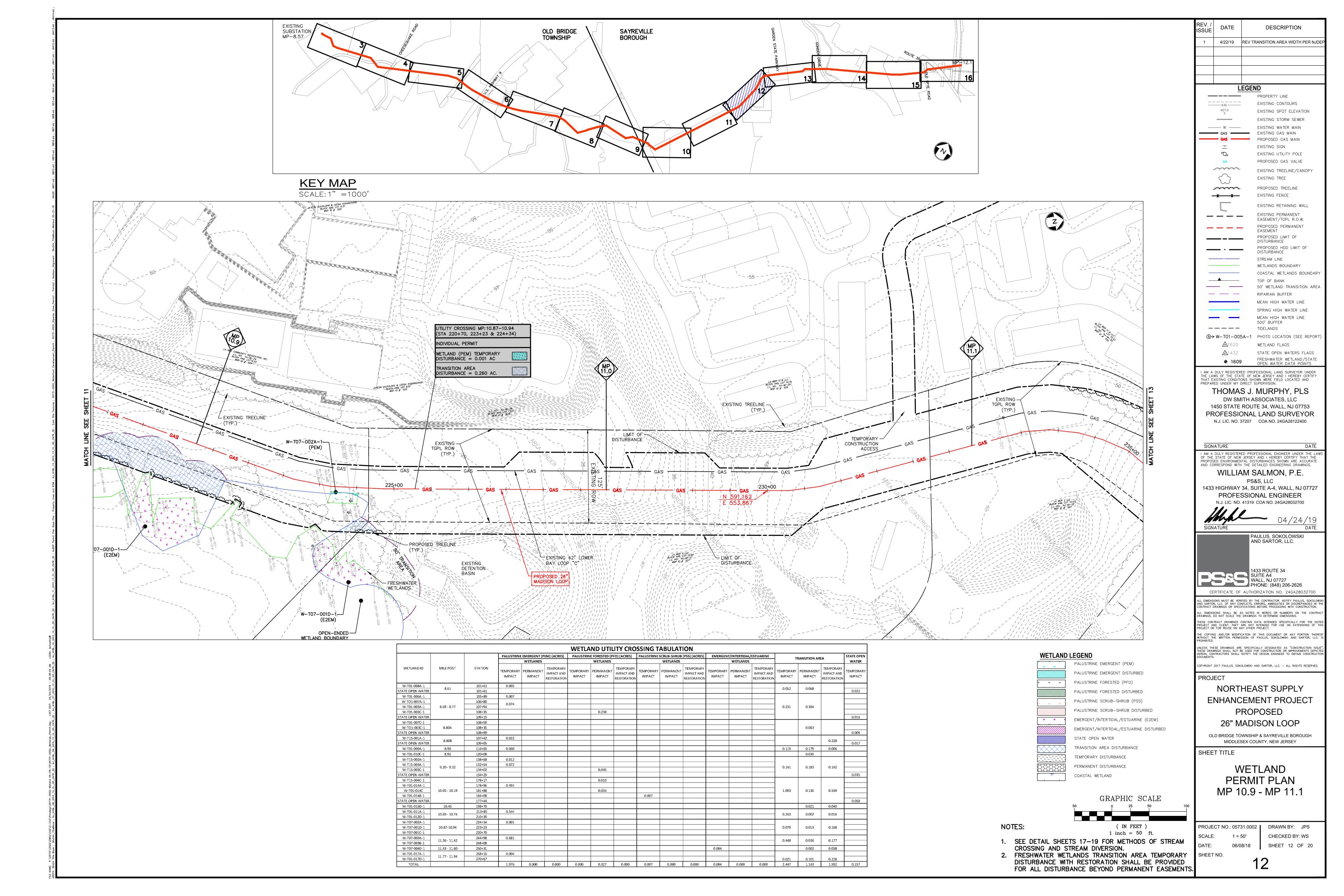


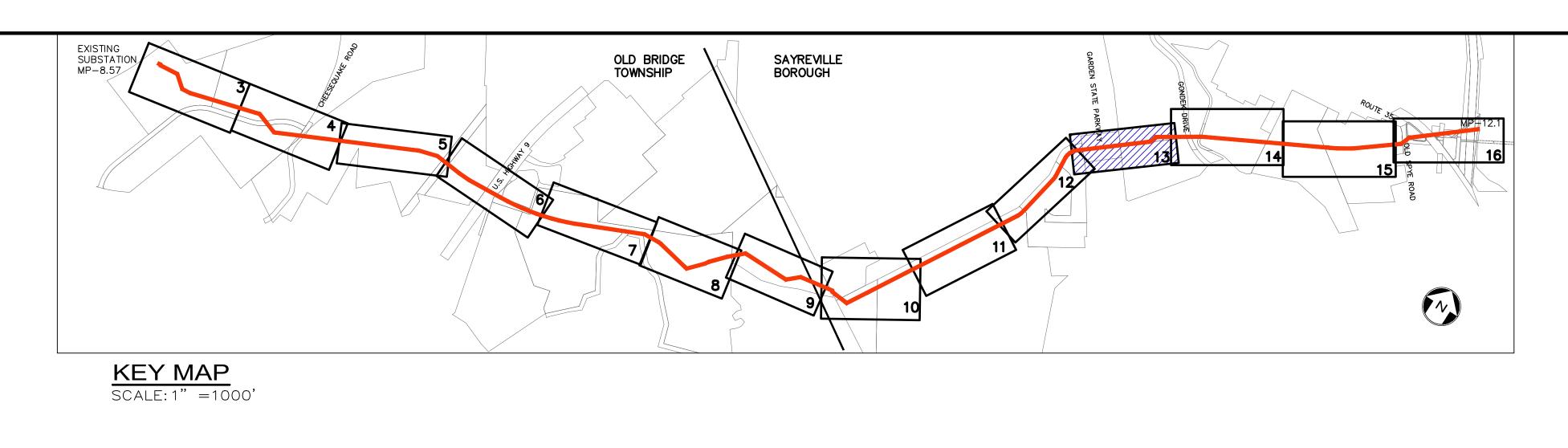


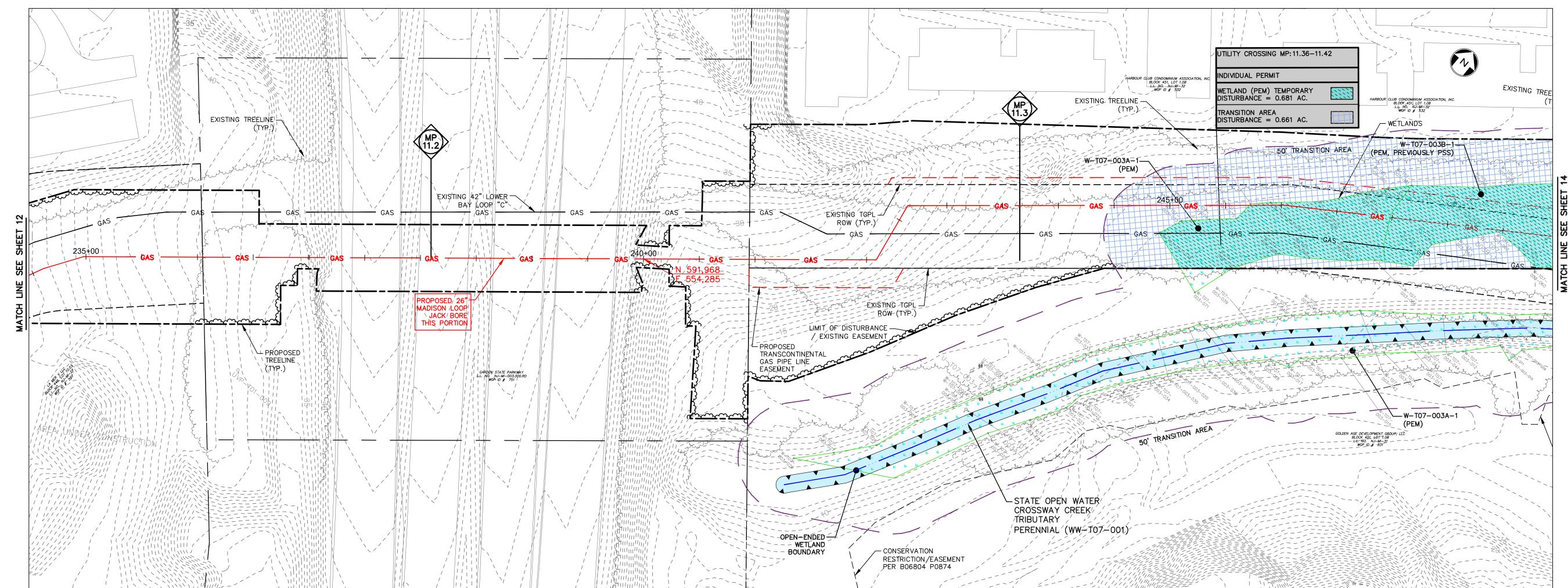












						WETLA	ND UTII	ITY CRO	SSING T	<b>ABULAT</b>	TION							
			PALUSTRINE	EMERGENT (P	PEM) (ACRES)	PALUSTRIN	E FORESTED (P	FO) (ACRES)	PALUSTRINE	SCRUB-SHRUE	3 (PSS) (ACRES)	EMERGEN'	T/INTERTIDAL/	ESTUARINE		DANICITION AD	F.A.	STATE OPEN
				WETLANDS			WETLANDS			WETLANDS			WETLANDS		"	RANSITION ARI	EA	WATER
WETLANDID	MILE POST	STATION	TEMPORARY IMPACT	PERMANENT IMPACT	TEMPORARY IMPACT AND RESTORATION	TEMPORARY IMPACT												
W-T01-008A-1	0.61	101+61	0.005												0.050	0.000		
STATE OPEN WATER	8.61	101+61													0.052	0.068		0.022
W-T01-006A-1		105+89	0.007															
W-TO1-007A-1		106+80	0.074															
W-T01-003A-1	8.69 - 8.77	107+94	0.074												0.231	0.304		
W-T01-003C-1		108+35					0.238											
STATE OPEN WATER		109+15																0.016
W-T01-007C-1		108+59																
W-TO1-003C-1	8.80A	108+35														0.063		
STATE OPEN WATER		108+99																0.009
W-T15-001A-1	8.80B	107+42	0.022														0.228	
STATE OPEN WATER	0.000	109+05															0.228	0.017
W-T01-009A-1	8.90	116+65	0.060												0.119	0.179	0.006	
W-T01-010C-1	8.96	120+08														0.035		
W-T15-002A-1		138+68	0.012															
W-T15-003A-1	9.20 - 9.32	132+54	0.072												0.141	0.183	0.142	
W-T15-003C-1	5.20 - 5.32	134+02					0.045								0.141	0.163	0.142	
STATE OPEN WATER		134+29																0.035
W-T15-004C-1		178+17					0.010											
W-T01-014A-1		178+96	0.494															
W-T01-014C	10.05 - 10.19	181+88					0.034								1.093	0.136	0.549	
W-T01-014B-1		184+08							0.007									
STATE OPEN WATER		177+44																0.058
W-T01-016D-1	10.45	198+70														0.021	0.040	
W-T01-011A-1	10.69 - 10.74	213+85	0.544												0.263	0.002	0.016	
W-T01-012D-1	10.05 - 10.74	210+39													0.203	0.002	0.010	
W-T07-002A-1		224+34	0.001															
W-T07-001D-1	10.87-10.94	223+23													0.079	0.013	0.168	
W-T07-001C-1		220+70																
W-T07-003A-1	11.36 - 11.42	244+98	0.681												0.448	0.036	0.177	
W-T07-003B-1	11.50 - 11.42	248+08													0.440	0.030	0.1//	
W-T07-004D-1	11.43 - 11.60	250+31										0.004				0.002	0.038	
W-T01-017A-1	11.77 - 11.94	268+16	0.004															
W-T01-017D-1	11.77 11.34	270+67													0.021	0.101	0.228	
TOTAL			1.976	0.000	0.000	0.000	0.327	0.000	0.007	0.000	0.000	0.004	0.000	0.000	2.447	1.143	1.592	0.157

# WETLAND LEGEND

PALUSTRINE EMERGENT (PEM) PALUSTRINE EMERGENT DISTURBED PALUSTRINE FORESTED (PFO)

PALUSTRINE FORESTED DISTURBED PALUSTRINE SCRUB-SHRUB (PSS) PALUSTRINE SCRUB-SHRUB DISTURBED EMERGENT/INTERTIDAL/ESTUARINE (E2EM) EMERGENT/INTERTIDAL/ESTUARINE DISTURBED STATE OPEN WATER TRANSITION AREA DISTURBANCE TEMPORARY DISTURBANCE PERMANENT DISTURBANCE

COASTAL WETLAND

( IN FEET ) 1 inch = 50 ft.

**NOTES:** 

- 1. SEE DETAIL SHEETS 17-19 FOR METHODS OF STREAM CROSSING AND STREAM DIVERSION. 2. FRESHWATER WETLANDS TRANSITION AREA TEMPORARY DISTURBANCE WITH RESTORATION SHALL BE PROVIDED FOR ALL DISTURBANCE BEYOND PERMANENT EASEMENTS.
- 3. WETLAND W-T07-003B-1 WAS ORIGINALLY DELINEATED AS A PSS WETLAND DURING THE INITIAL PROJECT FIELD DELINEATIONS CONDUCTED ON AUGUST 24, 2016. IN 2017, TRANSCO MAINTAINED THEIR ROW BY MOWING/CLEARING THE EXISTING WETLAND VEGETATION THROUGH AUTHORIZATION OF PERMIT NUMBERS 000-01-1001.2 FWW 160001; 0000-01-1001.2 FHA 160001; 0000-01-1001.2 WFD 160001; AND 0000-01-1001.2 WFD 160002. AS A RESULT, W-T07-003B-1 WILL BE RESTORED BACK TO PEM WETLAND CONDITION TO ACCOUNT FOR THE EXISTING ROW CONDITIONS AND THE ONGOING AND AUTHORIZED MAINTENANCE OF THE ROW BY TRANSCO.

DESCRIPTION 4/22/19 REV TRANSITION AREA WIDTH PER NJDE EXISTING CONTOURS EXISTING SPOT ELEVATION EXISTING STORM SEWER EXISTING WATER MAIN GAS EXISTING GAS MAIN PROPOSED GAS MAIN EXISTING SIGN EXISTING UTILITY POLE PROPOSED GAS VALVE  $\neg$ uhuhuhuhu $^-$ EXISTING TREELINE/CANOPY EXISTING TREE  $\neg$ PROPOSED TREELINE EXISTING FENCE <del>_x__x</del> EXISTING RETAINING WALL EXISTING PERMANENT EASEMENT/TGPL R.O.W. PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF PROPOSED HDD LIMIT OF STREAM LINE WETLANDS BOUNDARY COASTAL WETLANDS BOUNDARY TOP OF BANK 50' WETLAND TRANSITION AREA RIPARIAN BUFFER MEAN HIGH WATER LINE SPRING HIGH WATER LINE MEAN HIGH WATER LINE 500' BUFFER TIDELANDS ⑤→ W-T01-005A-1 PHOTO LOCATION (SEE REPORT WETLAND FLAGS STATE OPEN WATERS FLAGS FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS 1609 I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400 I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE WILLIAM SALMON, P.E. PS&S, LLC PAULUS, SOKOLOWSKI AND SARTOR, LLC.

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700

PSSS SUITE A4 WALL, NJ 07727 PHONE: (848) 206-2626

CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT PROPOSED** 

26" MADISON LOOP

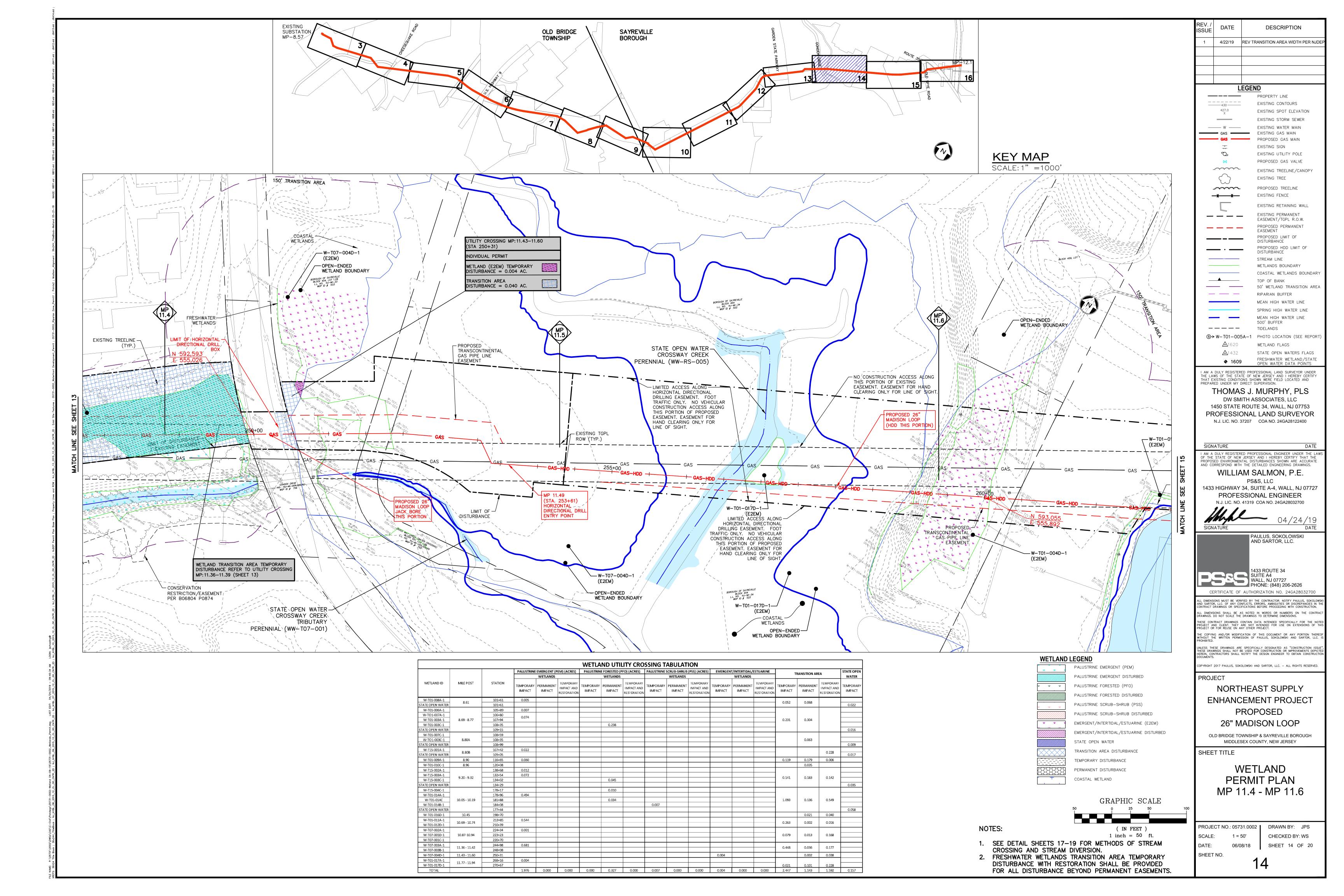
OLD BRIDGE TOWNSHIP & SAYREVILLE BOROUGH MIDDLESEX COUNTY, NEW JERSEY

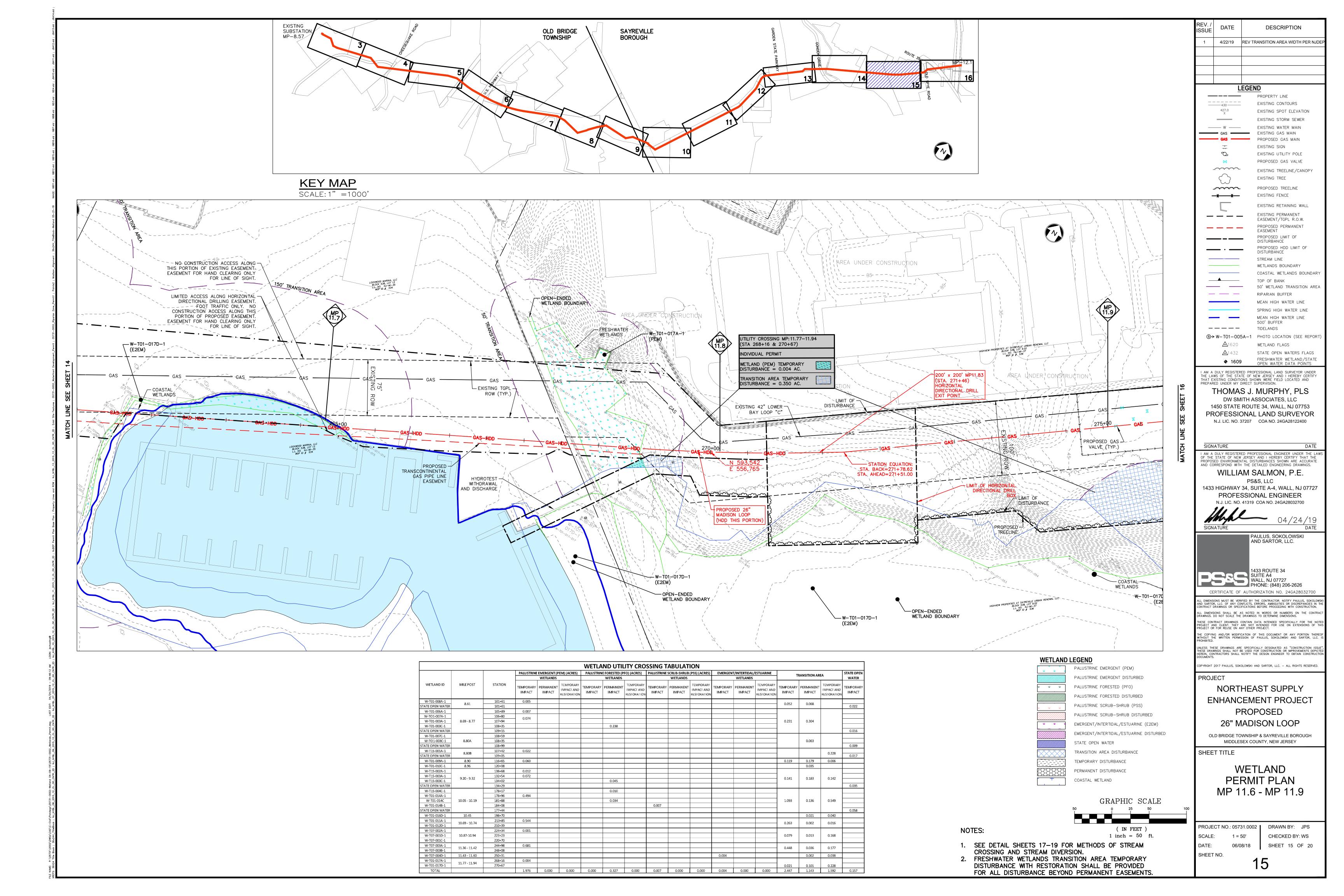
SHEET TITLE

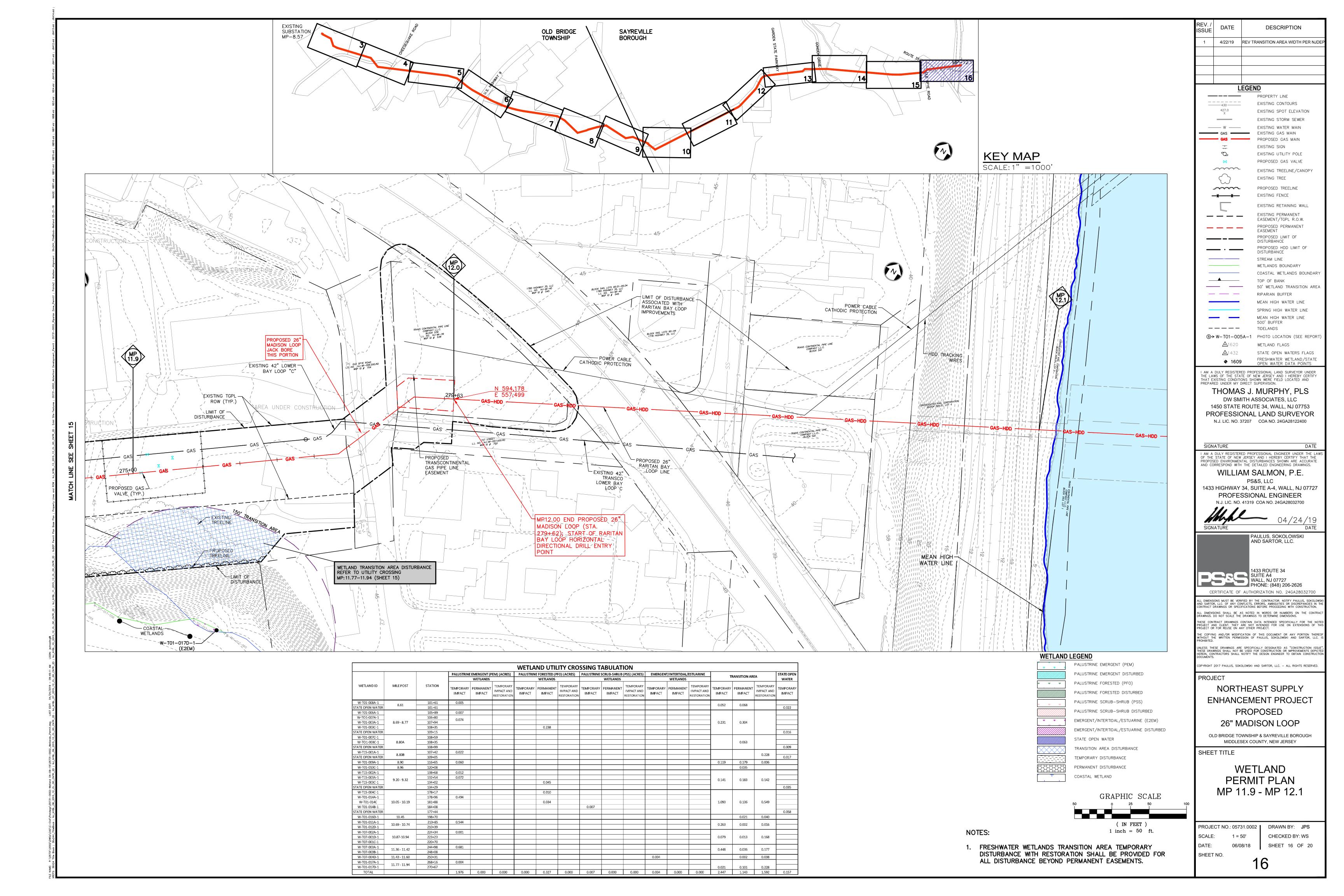
SHEET NO.

WETLAND PERMIT PLAN MP 11.1 - MP 11.4

SCALE: 1 = 50' CHECKED BY: WS SHEET 13 OF 20 06/08/18







## NOTES ON USE OF PLANS:

- 1. UNLESS THESE PERMIT DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE," THESE DRAWINGS SHALL NOT BE USED FOR PERMITTING ASSOCIATED WITH CONSTRUCTION OR THE IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN PERMITTING DOCUMENTS. THESE PLANS ARE FOR NJDEP PERMITTING ONLY, NO CONSTRUCTION IS TO BE BASED UPON THESE PLANS.
- 2. ALL DIMENSIONS MUST BE VERIFIED IN THE FIELD DURING CONSTRUCTION BY THE CONTRACTOR. NOTIFY PAULUS. SOKOLOWSKI AND SARTOR. LLC OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.
- 3. ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE CONTRACT DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.
- 4. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER
- 5. THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY OTHER PORTION THEREOF WITHOUT THE WRITTEN PERMISSIÓN OF PAULUS, SOKOLOWSKI, AND SARTOR, LLC IS EXPRESSLY PROHIBITED.
- 6. INFORMATION FOR DESIGN LAYOUT IS CONTAINED SOLELY IN THE WRITTEN DIMENSIONS, BEARINGS, AND ANGLES CONTAINED ON THE DRAWINGS.
- 7. THIS DIMENSIONAL INFORMATION IS NOT WARRANTED NOR SHOULD IT BE CONSIDERED AS COMPLETE FOR EVERY ASPECT OF THE LAYOUT. STANDARD PRACTICE REQUIRES THAT THE LAYOUT PERSON CHECK THE DIMENSIONAL DATA CONSISTENCY AND TO PERFORM SURVEY CALCULATIONS WHICH ARE CUSTOMARY FOR CONSTRUCTION LAYOUT. IN THE EVENT THAT A QUESTION OR INCONSISTENCY IS DISCOVERED, THE INSTALLER SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, PAULUS, SOKOLOWSKI, AND SARTOR, LLC.
- 8. THE GRAPHICAL INFORMATION CONTAINED IN ELECTRONIC FILES IS INTENDED AS DRAWING DATA ONLY. IT IS NOT INTENDED TO SERVE AS SURVEY LAYOUT DATA.
- 9. ALL PROPOSED FITTING ANGLES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CUTTING.

## **GENERAL NOTES:**

- 1. AS INDICATED IN THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," SUFFICIENT CONSTRUCTION WARNING SIGNS ARE TO BE PROVIDED AND MAINTAINED BY CONTRACTORS PERFORMING CONSTRUCTION WORK. SAID SIGNS ARE TO BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND APPROVED BY THE APPROPRIATE MUNICIPAL INSPECTION PERSONNEL.
- 2. THE CONTRACTOR SHALL PROVIDE SUCH TEMPORARY DRAINAGE, SOIL EROSION, AND DUST CONTROL MEASURES AS MAY BE INDICATED ON THE PLANS AND/OR AS DIRECTED BY THE MUNICIPAL ENGINEER OR OTHER AGENCIES OR DEPARTMENTS TO SATISFY ENVIRONMENTAL CONCERNS.
- 3. LOCATION OF EXISTING INLETS, CATCH BASINS AND MANHOLES MUST BE FIELD VERIFIED BEFORE WORK MAY COMMENCE. ANY CONFLICTING INFORMATION FROM THAT SHOWN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER, PAULUS, SOKOLOWSKI, AND SARTOR, LLC.
- 4. ALL ROADWAYS ARE TO BE PASSABLE FOR FIRE, POLICE, & EMERGENCY VEHICLES DURING CONSTRUCTION. NOTICE SHALL BE GIVEN TO AGENCIES 72 HOURS IN ADVANCE IF WORK MAY IMPACT EMERGENCY RESPONSE.
- 5. UNLESS SPECIFICALLY SHOWN HEREIN, THE DESIGN ENGINEER HAS NOT CONDUCTED AN INVESTIGATION OR PROVIDED DATA ON THE NATURE OF, OR STRUCTURAL SUITABILITY OF ANY SUBSURFACE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IN WRITING OF ANY UNUSUAL SOIL OR ROCK CONDITIONS
- 6. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES AND MEASURES SHALL BE IN PLACE PRIOR TO ANY SITE DISTURBANCE.
- 7. CONTRACTOR TO RESTORE GROUND SURFACE OF GAS PIPELINE TRENCH, CONSTRUCTION STAGING AREAS, AND ALL OTHER DISTURBED AREAS TO THEIR ORIGINAL CONDITION OR BETTER, OR AS SPECIFIED IN THESE PLANS.
- 8. NO CONSTRUCTION SHALL BE PERFORMED ON WEEKENDS OR DURING NIGHTS IN RESIDENTIAL AREAS WITHOUT PRIOR APPROVAL OF WILLIAMS.
- 9. ALL TREES REMOVED DURING CLEARING SHALL BE TRIMMED AND PLACED AT EDGE OF EASEMENT FOR LANDOWNER UNLESS OTHERWISE NOTED ON PLANS.

## REFERENCE NOTES

- 1. EXISTING CONDITIONS AND REGULATED FEATURES SHOWN HEREON ARE BASED UPON SURVEY INFORMATION PREPARED BY D.W. SMITH ASSOCIATES, INC. AND WILLIAMS TRANSCONTINENTAL PIPE LINE COMPANY, LLC.
- 2. THE VERTICAL DATUM REFERS TO NAVD 88 TOPOGRAPHICAL DATA. (CONVERSION TO NVGD 1929; + 1.04 FT.)
- 3. THE HORIZONTAL DATUM REFERS TO NAD83 NEW JERSEY STATE PLANE COORDINATE SYSTEM.
- 4. LOT LINES AND RIGHT-OF-WAY LINES SHOWN HEREON WERE TAKEN FROM INFORMATION AS REFERENCED ABOVE.

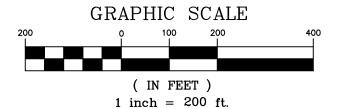
TOPOGRAPHIC CONTOURS ON LOT 25 BASED UPON FIELD SURVEY PERFORMED BY D.W. SMITH ASSOCIATES, LLC

- OCTOBER 2016-JUNE 2017, PROVIDED BY TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC. TOPOGRAPHY ON LOT 26.01 TAKEN FROM AVAILABLE LIDAR TOPOGRAPHY. PROPOSED SITE IMPROVEMENTS AND PROPOSED LIMITS OF DISTURBANCE TAKEN FROM PLANS ENTITLED
- TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC POST CONSTRUCTION STORMWATER MANAGEMENT PLAN -COMPRESSOR STATION NO. 206 HIGGINS FARM ACCESS ROAD", LAST REVISED JANUARY 15, 2020, PREPARED BY
- PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS AND OR WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE "MIRAFI" PROTECTIVE FENCING OR APPROVED ALTERNATE. LOCATE SILT FENCE FIVE FEET UPSTREAM OF PROTECTIVE FENCING AND DOWNSTREAM OF CLEARING LIMITS AS SHOWN. THE CONTRACTOR SHALL VERIFY THAT ALL PERMITS AS MAY BE REQUIRED BY LOCAL, COUNTY, STATE, OR FEDERAL REGULATIONS ARE IN HAND, ON THE JOB AND VALID PRIOR TO COMMENCING WORK. PS&S SHALL STAKE THESE BOUNDARIES PRIOR TO CONSTRUCTION.
- 8. NEW JERSEY STATE PLANE COORDINATES IN NAD83 AT APPROXIMATELY 1000-FT INTERVALS ALONG PROJECT: #1 NORTH 573,432', EAST 462,945'
- #2 NORTH 573,265', EAST 463,676' #3 NORTH 572,706', EAST 464,467'
- #4 NORTH 571,780', EAST 464,630'
- #5 NORTH 571,911', EAST 465,195'

## OWNER / APPLICANT

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

2800 POST OAK BLVD. HOUSTON, TEXAS 77056



## FLOOD HAZARD AREA AND FRESHWATER

## WETLANDS NOTES:

- 1. THE PURPOSE OF THESE PLANS IS TO SECURE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION FRESHWATER WETLANDS, FLOOD HAZARD AREA FLOODPLAIN VERIFICATION AND FLOOD HAZARD AREA INDIVIDUAL PERMITS FOR THE PROPOSED CONSTRUCTION OF A COMPRESSION STATION 206 AND ASSOCIATED IMPROVEMENTS IN FRANKLIN TOWNSHIP, SOMERSET COUNTY AS PART OF THE NORTHEAST SUPPLY ENHANCEMENT PROJECT.
- A. FRESHWATER WETLAND INDIVIDUAL PERMIT N.J.A.C. 7:7A-7.2
- B. STORMWATER MANAGEMENT N.J.A.C. 7:8
- 2. THE APPLICANT/OWNER SHALL SECURE ALL PROPOSED PERMANENT AND TEMPORARY EASEMENTS AND RIGHTS OF ACCESS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION. THE OWNER/CONTRACTOR SHALL ALSO SECURE NECESSARY EASEMENTS OR RIGHTS OF ACCESS BEYOND THE LIMITS SHOWN, AS DEEMED NECESSARY.
- 3. THE CONTRACTOR IS ADVISED THAT STAGING, STORING AND STOCKPILING OF MATERIALS AND EQUIPMENT SHALL BE ACCOMPLISHED OUTSIDE NJDEP REGULATED FRESHWATER WETLANDS, WETLANDS BUFFERS OR FLOOD HAZARD AREA RIPARIAN ZONES TO THE MAXIMUM EXTENT PRACTICABLE AND IN ACCORDANCE WITH NJDEP LINEAR CONSTRUCTION
- 4. THE CONTRACTOR SHALL EXCAVATE, STORE AND REPLACE TOPSOIL WITHIN TRENCH LIMITS. PROPOSED FINISHED GRADE SHALL MATCH EXISTING GRADE. ALL EXCESS MATERIAL SHALL BE DISPOSED OF LAWFULLY.
- 5. ALL OR A PORTION OF THE SITE LIES WITHIN A FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATIONS AT (609) 292-0060 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
- 6. NEW JERSEY STATE OPEN WATERS AND WETLANDS AND WATERS OF THE U.S. DELINEATION DATA WERE COLLECTED BY ECOLSCIENCES, ECOLOGY & ENVIRONMENTAL, INC., AND AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC. IN 2016-2018 AND BY TRANSCONTINENTAL GAS PIPELINE COMPANY, LLC AND ECOLOGY & ENVIRONMENT, INC. IN 2019. A MAPPING GRADE TRIMBLE GPS WAS USED TO COLLECT FRESHWATER WETLANDS IN THE FIELD. IN NEW JERSEY MAPPING GRADE LOCATIONS AND DATA WERE RECORDED BY CIVIL SURVEY OF WILLIAMS STRATEGIC SOURCING COMPANY, LLC TO MEET PLS CERTIFICATION REQUIREMENTS REQUIRED BY NJDEP LETTER OF INTERPRETATION (LOI).
- 7. WITHIN THE SURVEY CORRIDOR ECOLOGY AND ENVIRONMENT, INC. AND AMY GREENE ENVIRONMENTAL ESTABLISHED THE RIPARIAN ZONES UTILIZING WATERS OF THE UNITED STATES FIELD DATA. OUTSIDE SURVEY CORRIDOR FEATURES ECOLOGY AND ENVIRONMENT, INC. USED REMOTE SENSING FOR FEATURES WHO'S TRANSITION AREAS ENCROACH INTO THE SURVEY CORRIDOR FROM OUTSIDE.
- 8. PROPOSED PROJECT IS SUBJECT TO SOMERSET-UNION SOIL CONSERVATION DISTRICT PLAN CERTIFICATION APPROVAL.
- 9. PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS AND OR WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE "MIRAFI" PROTECTIVE FENCING OR APPROVED ALTERNATE. LOCATE SILT FENCE FIVE FEET UPSTREAM OF PROTECTIVE FENCING AND DOWNSTREAM OF CLEARING LIMITS AS SHOWN. THE CONTRACTOR SHALL VERIFY THAT ALL PERMITS AS MAY BE REQUIRED BY LOCAL, COUNTY, STATE, OR FEDERAL REGULATIONS ARE IN HAND, ON THE JOB AND VALID PRIOR TO COMMENCING WORK. PS&S SHALL STAKE THESE BOUNDARIES PRIOR TO
- 10. NON-PAVED AREAS IN FRESHWATER WETLANDS TO RECEIVE 18 INCHES OF TOPSOIL/INSITU MATERIAL.
- 11. CONTRACTOR SHALL DISPOSE OF ANY HAZARDOUS SUBSTANCES (IF ENCOUNTERED) OFF-SITE. NO PLACEMENT, STORAGE OR PROCESSING OF HAZARDOUS SUBSTANCES IN REGULATED AREAS PERMITTED.
- 11. THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD ASSOCIATED WITH CARTER'S BROOK WERE DETERMINED USING NJDEP METHOD 5 (FLOOD HAZARD AREA DETERMINED BY APPROXIMATION) ACCORDING TO N.J.A.C. 7:13-3.5.
- 12. STAGING, STORING AND STOCKPILING OF MATERIALS AND EQUIPMENT SHALL, TO THE MAXIMUM EXTENT PRACTICABLE BE ACCOMPLISHED OUTSIDE THE RIPARIAN ZONE. WHERE IT IS NECESSARY TO CONDUCT THESE ACTIVITIES IN THE RIPARIAN ZONE, THESE ACTIVITIES, AS WELL AS ACCESS TO THE UTILITY LINE DURING CONSTRUCTION, SHALL, TO THE MAXIMUM EXTENT PRACTICABLE, BE UNDERTAKEN IN ACTIVELY DISTURBED AREAS.

	FL	OOD HAZARD AREA	METES AND BOUN	IDS
Line #	Length	Direction	START	END
L1	16.390	S1° 12′ 48.59"E	N=572590.5184 E=465198.0982	N=572574.1324 E=465198.4453
L2	33.609	S8° 58' 56.56"E	N=572574.1324 E=465198.4453	N=572540.9358 E=465203.6927
L3	88.932	S2* 03' 55.39"W	N=572540.9358 E=465203.6927	N=572452.0613 E=465200.4875
L4	25.330	S7* 07' 37.92"W	N=572452.0613 E=465200.4875	N=572426.9268 E=465197.3448
L5	31.203	S15° 04' 51.26"E	N=572426.9268 E=465197.3448	N=572396.7982 E=465205.4633
L6	22.074	S45° 27' 06.17"E	N=572396.7982 E=465205.4633	N=572381.3129 E=465221.1948
L7	40.335	S29* 15' 06.43"E	N=572381.3129 E=465221.1948	N=572346.1213 E=465240.9044
L8	28.747	S26° 08' 47.26"E	N=572346.1213 E=465240.9044	N=572320.3159 E=465253.5723
L9	56.168	S6° 44' 53.41"W	N=572320.3159 E=465253.5723	N=572264.5371 E=465246.9723
L10	35.727	S25° 39′ 40.23″E	N=572264.5371 E=465246.9723	N=572232.3335 E=465262.4440
L11	35.388	SO* 25' 28.96"W	N=572232.3335 E=465262.4440	N=572196.9466 E=465262.1816
L12	42.555	S32* 13' 29.32"E	N=572196.9466 E=465262.1816	N=572160.9463 E=465284.8740
L13	15.355	S54° 19' 39.39"E	N=572160.9463 E=465284.8740	N=572151.9920 E=465297.3480
L14	18.974	S53° 14' 24.10"E	N=572151.9920 E=465297.3480	N=572140.6365 E=465312.5493
L15	87.262	S22* 28' 08.89"E	N=572140.6365 E=465312.5493	N=572059.9987 E=465345.8997
L16	20.786	S37* 39' 49.96"E	N=572059.9987 E=465345.8997	N=572043.5445 E=465358.6004
L17	82.215	S50° 12′ 46.54″E	N=572043.5445 E=465358.6004	N=571990.9323 E=465421.7765
L18	25.279	S22° 47′ 49.51"E	N=571990.9323 E=465421.7765	N=571967.6282 E=465431.5712
L19	25.259	S43° 14' 15.91"E	N=571967.6282 E=465431.5712	N=571949.2266 E=465448.8743
L20	23.886	S79* 07' 11.24"E	N=571949.2266 E=465448.8743	N=571944.7179 E=465472.3312

		FL	OOD HAZARD AREA	METES AND BOUN	DS
	Line #	Length	Direction	START	END
‡ }	L21	25.796	S63° 22′ 32.86″E	N=571944.7179 E=465472.3312	N=571933.1576 E=465495.3922
3	L22	35.893	S28° 15' 16.81"E	N=571933.1576 E=465495.3922	N=571901.5413 E=465512.3836
5	L23	35.710	S5° 12′ 36.14″E	N=571901.5413 E=465512.3836	N=571865.9793 E=465515.6263
3	L24	32.903	S27° 01' 14.58"E	N=571865.9793 E=465515.6263	N=571836.6682 E=465530.5744
•	L25	33.298	S50° 27' 10.16"E	N=571836.6682 E=465530.5744	N=571815.4666 E=465556.2508
	L26	22.493	S31° 48' 26.92"E	N=571815.4666 E=465556.2508	N=571796.3511 E=465568.1064
	L27	43.134	S12* 25' 48.69"E	N=571796.3511 E=465568.1064	N=571754.2284 E=465577.3909
	L28	14.152	S4° 55' 02.83"E	N=571754.2284 E=465577.3909	N=571740.1285 E=465578.6041
	L29	12.587	S54° 03' 12.48"E	N=571740.1285 E=465578.6041	N=571732.7396 E=465588.7940
	L30	20.359	S67* 59' 34.20"E	N=571732.7396 E=465588.7940	N=571725.1104 E=465607.6700
	L31	14.865	S41* 53' 51.82"E	N=571725.1104 E=465607.6700	N=571714.0456 E=465617.5972
	L32	35.715	S8° 38' 51.01"E	N=571714.0456 E=465617.5972	N=571678.7369 E=465622.9671
	L33	38.061	S21° 59' 02.48"E	N=571678.7369 E=465622.9671	N=571643.4430 E=465637.2152
	L34	30.232	S35* 06' 50.77"E	N=571643.4430 E=465637.2152	N=571618.7127 E=465654.6051
1	L35	1.443	S36° 14' 12.41"E	N=571618.7127 E=465654.6051	N=571617.5491 E=465655.4579
1	L36	8.205	S39° 30′ 56.61″W	N=571617.5491 E=465655.4579	N=571611.2197 E=465650.2374
	L37	44.559	S27° 49′ 37.01″W	N=571611.2197 E=465650.2374	N=571571.8138 E=465629.4373
1	L38	53.036	S12° 40′ 50.04″W	N=571571.8138 E=465629.4373	N=571520.0714 E=465617.7951
	L39	14.238	S11° 25' 08.44"E	N=571520.0714 E=465617.7951	N=571506.1148 E=465620.6141
1	L40	19.244	S13° 14' 07.28"E	N=571506.1148 E=465620.6141	N=571487.3819 E=465625.0200

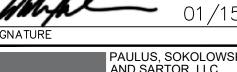
Line #	Length	Direction	START	END
L41	73.495	S20° 13' 55.32"W	N=571487.3819 E=465625.0200	N=571418.42 E=465599.60
L42	53.561	S17° 51' 25.33"E	N=571418.4211 E=465599.6036	N=571367.44 E=465616.02
L43	74.181	S10° 41' 26.54"E	N=571367.4408 E=465616.0276	N=571294.54 E=465629.78
L44	63.251	S10° 28' 55.63"E	N=571294.5470 E=465629.7888	N=571232.35 E=465641.29
L45	44.573	S29° 34' 14.34"E	N=571232.3517 E=465641.2959	N=571193.58 E=465663.29
L47	56.087	S79° 34' 19.14"E	N=571193.5846 E=465663.2925	N=571183.43. E=465718.45
L48	55.444	N42° 45' 03.26"E	N=571183.4328 E=465718.4531	N=571224.14 E=465756.08
L49	16.388	N29° 44' 10.93"E	N=571224.1459 E=465756.0891	N=571238.37 E=465764.21
L50	13.312	N13° 16' 42.62"E	N=571238.3757 E=465764.2176	N=571251.33 E=465767.27
L51	17.292	N88° 04' 24.87"E	N=571251.3320 E=465767.2752	N=571251.91 E=465784.55
L52	6.610	N29° 15' 50.40"E	N=571251.9133 E=465784.5576	N=571257.67 E=465787.78
L53	19.566	N38° 38′ 03.11″W	N=571257.6793 E=465787.7886	N=571272.96 E=465775.57
L54	15.071	N22° 22' 03.75"E	N=571272.9631 E=465775.5727	N=571286.90 E=465781.30
L55	22.779	N76° 30' 51.47"E	N=571286.9000 E=465781.3079	N=571292.21 E=465803.45
L56	24.477	N28° 27′ 40.07″E	N=571292.2122 E=465803.4590	N=571313.73 E=465815.12
L57	17.038	N65° 52' 59.53"E	N=571313.7310 E=465815.1239	N=571320.69 E=465830.67
L58	8.911	N83° 40′ 51.67″W	N=571320.6928 E=465830.6749	N=571321.67 E=465821.81
L59	35.806	N47° 11' 33.58"E	N=571321.6736 E=465821.8179	N=571346.00 E=465848.08

ACCESS TO THE PROJECT DISTURBANCE

PALUSTRINE EMERGENT DISTURBED PALUSTRINE FORESTED DISTURBED PALUSTRINE SCRUB-SHRUB (PSS) PALUSTRINE SCRUB-SHRUB DISTURBED TRANSITION AREA DISTURBANCE

PS&S, LLC

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER



PHONE: (848) 206-2626

DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOL

LESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION I SEE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DE REIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRU

ENHANCEMENT PROJECT PROPOSED

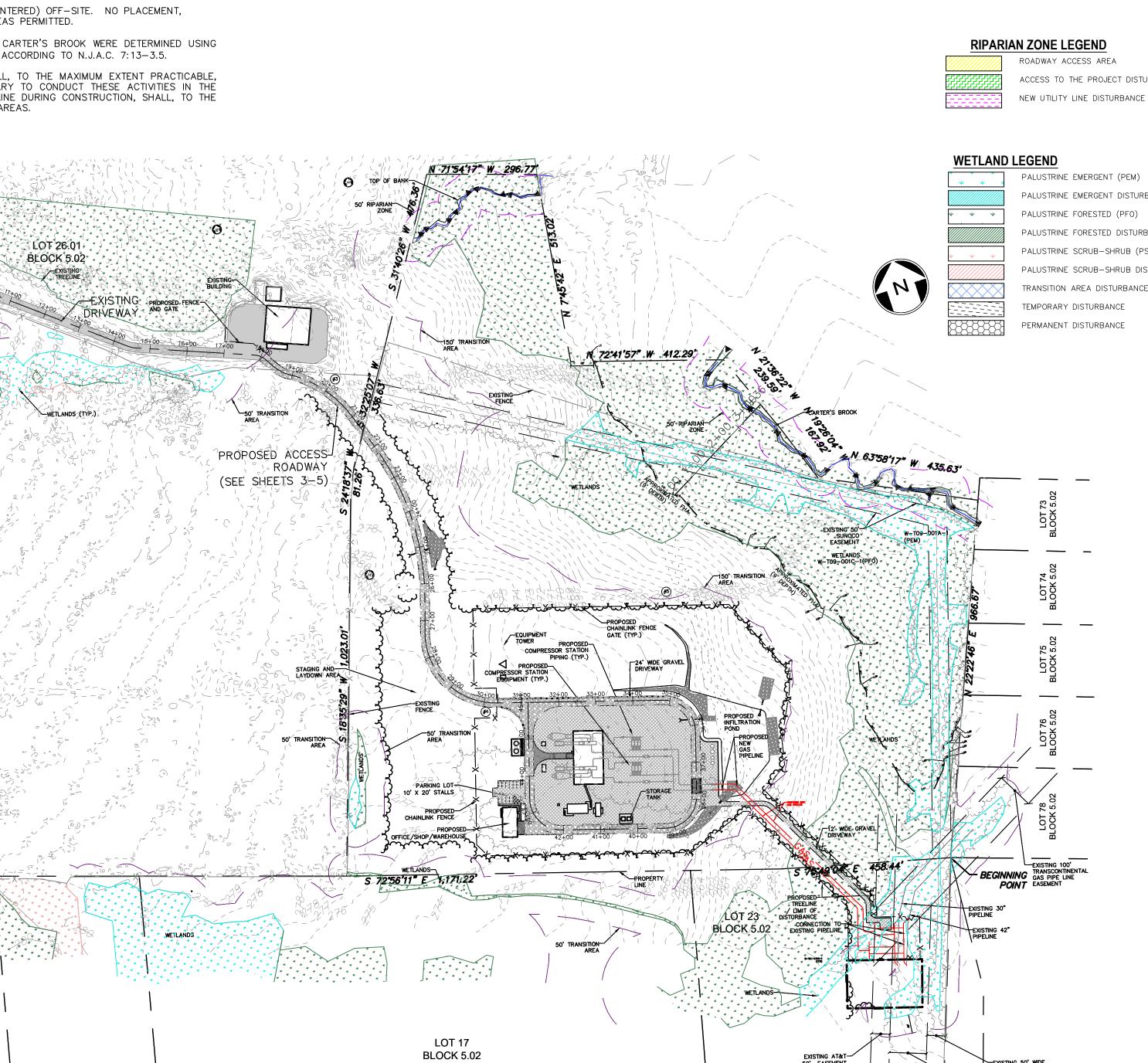
**COMPRESSOR STATION 206** 

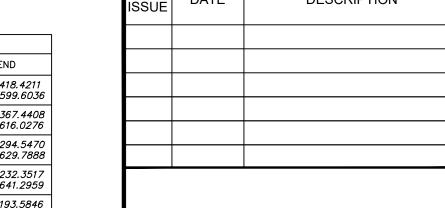
BLOCK 5.02, LOTS 25, 20 (FORMERLY 23) & 26.01

SHEET TITLE

# **OVERALL SITE PLAN** AND **GENERAL NOTES**

PROJECT NO.: 05731.0003 | 1 = 200' DATE: 01-15-2020





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# ____

PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION PROPOSED CONTOURS EXISTING STORM SEWER EXISTING ELECTRIC SEWER ____ w ___ EXISTING WATER MAIN ———— GAS ————— EXISTING GAS MAIN PROPOSED SUCTION AND

DISCHARGE PIPING EXISTING SIGN EXISTING UTILITY POLE EXISTING TREELINE/CANOPY EXISTING TREE

DESCRIPTION

_~~~~ PROPOSED TREELINE EXISTING FENCE PROPOSED FENCE —X —— EXISTING PERMANENT _____

PROPOSED PERMANENT _ _ _ _ _ _ _ PROPOSED LIMIT OF DISTURBANCE STREAM LINE

WETLANDS BOUNDARY TOP OF BANK RIPARIAN BUFFER APPROXIMATE NJFHADF ⑤→U-T09-002-1 PHOTO LOCATION

(SEE REPORT) △ W-T19-001-006 WETLAND FLAGS STATE OPEN WATERS FLAGS STATE PLANE COORDINATES FRESHWATER WETLAND/STATE **4** 1609 OPEN WATER DATA POINTS

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE

PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE WILLIAM SALMON, P.E.

N.J. LIC. NO. 41319 COA NO. 24GA28032700

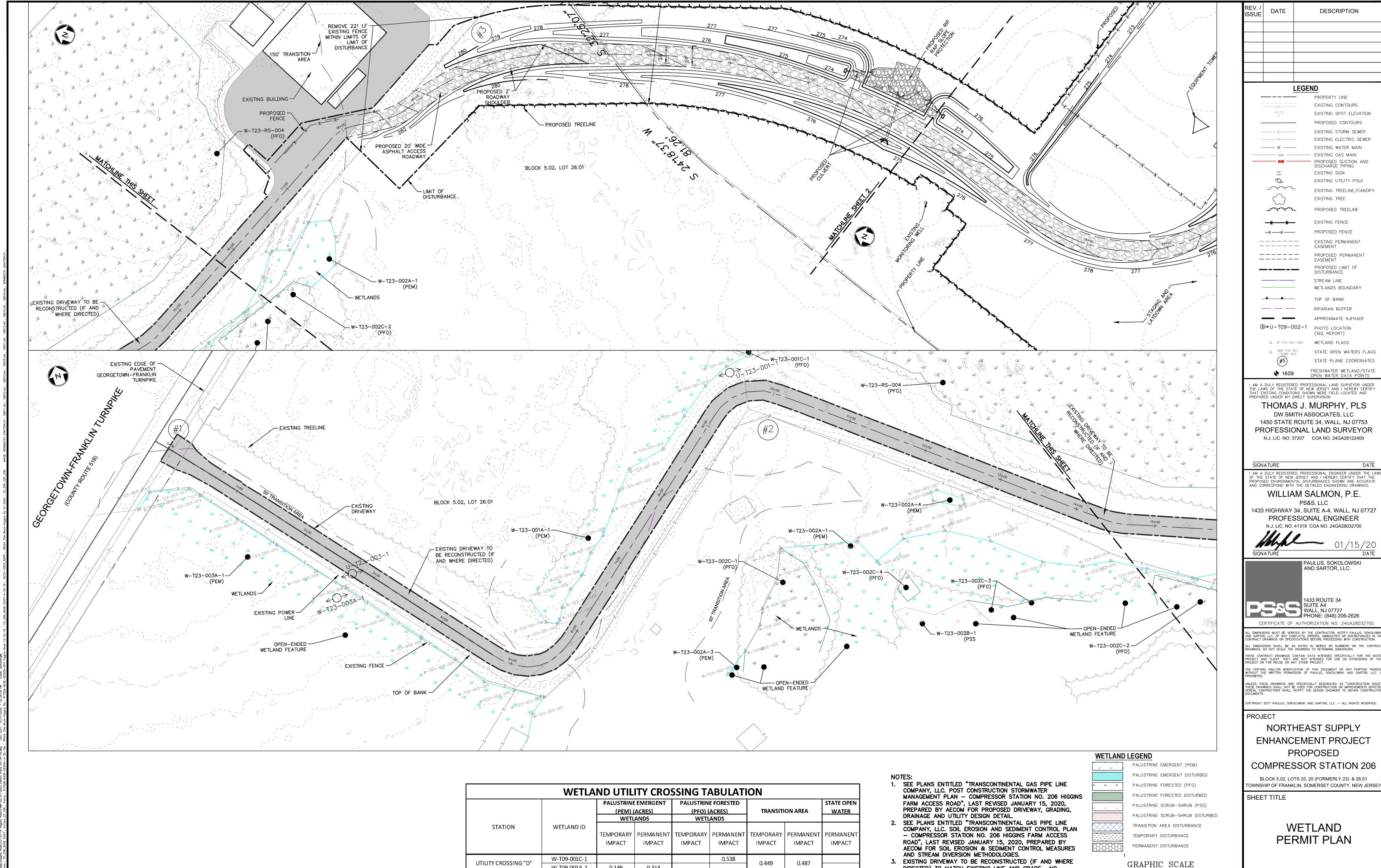
PAULUS, SOKOLOWSKI

SUITE A4 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

PROJECT NORTHEAST SUPPLY

OWNSHIP OF FRANKLIN, SOMERSET COUNTY, NEW JERSE

DRAWN BY: JPS CHECKED BY: WS SHEET 2 OF 8 SHEET NO.



W-T09-001A-1

TOTAL

0.149

0.149

0.314

0.314

0.000

0.538

0.449

0.487 0.000

DIRECTED) TO MATCH EXISTING LINE AND GRADE. NO

4. NO REGULATED FLOOD HAZARD AREA OR FRESHWATER WETLAND ACTIVITIES PRESENT ALONG ACCESS ROADWAY.

WIDENING'IS PROPOSED.

DESCRIPTION PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION PROPOSED CONTOURS EXISTING STORM SEWER EXISTING ELECTRIC SEWER EXISTING WATER MAIN EXISTING GAS MAIN PROPOSED SUCTION AND DISCHARGE PIPING EXISTING SIGN EXISTING UTILITY POLE EXISTING TREELINE/CANOPY EXISTING TREE PROPOSED TREELINE EXISTING FENCE PROPOSED FENCE EXISTING PERMANENT EASEMENT PROPOSED PERMANENT EASEMENT PROPOSED LIMIT OF DISTURBANCE STREAM LINE WETLANDS BOUNDARY TOP OF BANK RIPARIAN BUFFER PHOTO LOCATION (SEE REPORT) △ W-T19-001-006 WETLAND FLAGS STATE OPEN WATERS FLAGS STATE PLANE COORDINATES FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION. THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE L. OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE

1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700

PAULUS, SOKOLOWSKI AND SARTOR, LLC.

SUITE A4 WALL, NJ 07727 PHONE: (848) 206

PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700 L DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOW ID SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN T INTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

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NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

**COMPRESSOR STATION 206** 

BLOCK 5.02, LOTS 25, 20 (FORMERLY 23) & 26.01

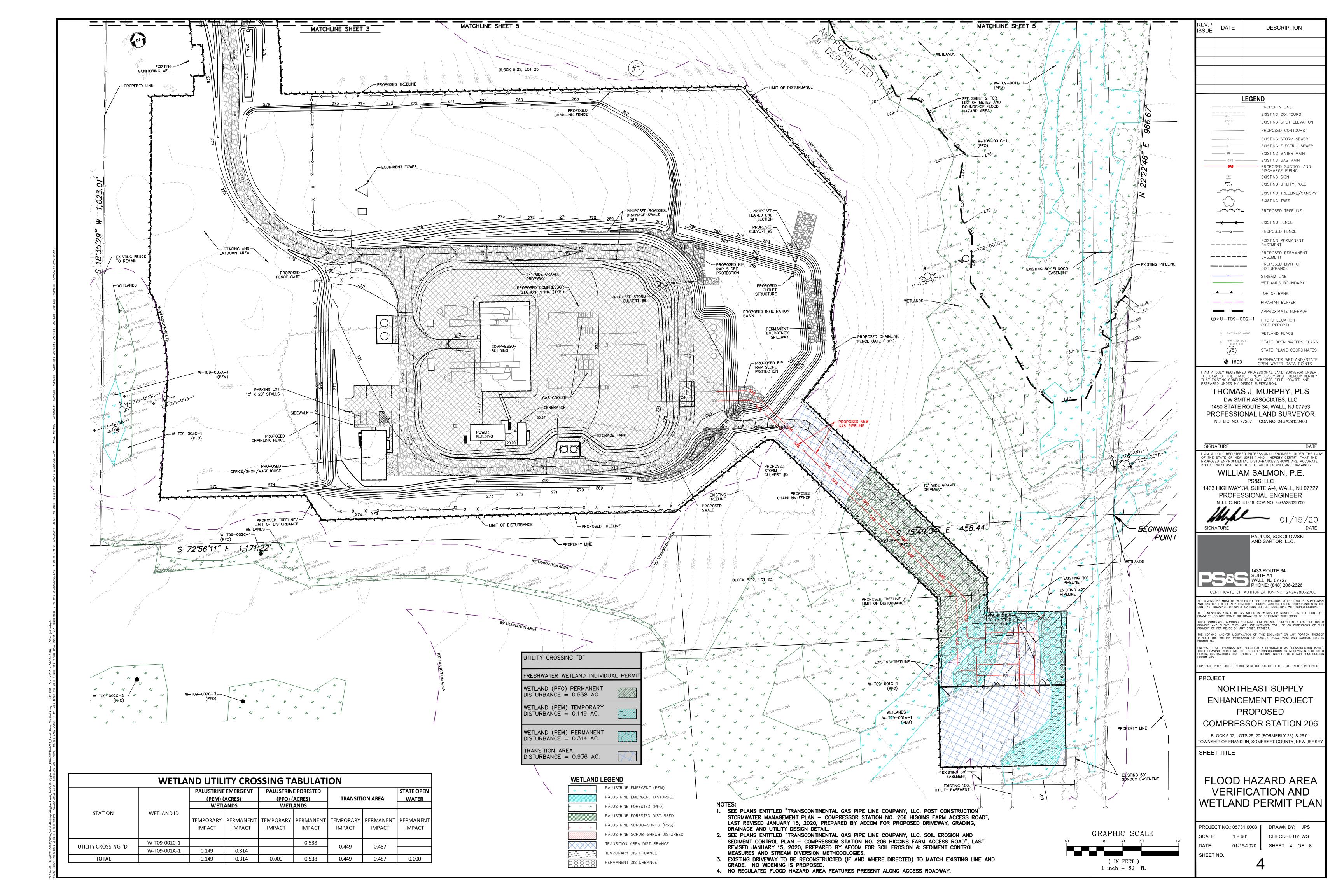
WETLAND PERMIT PLAN

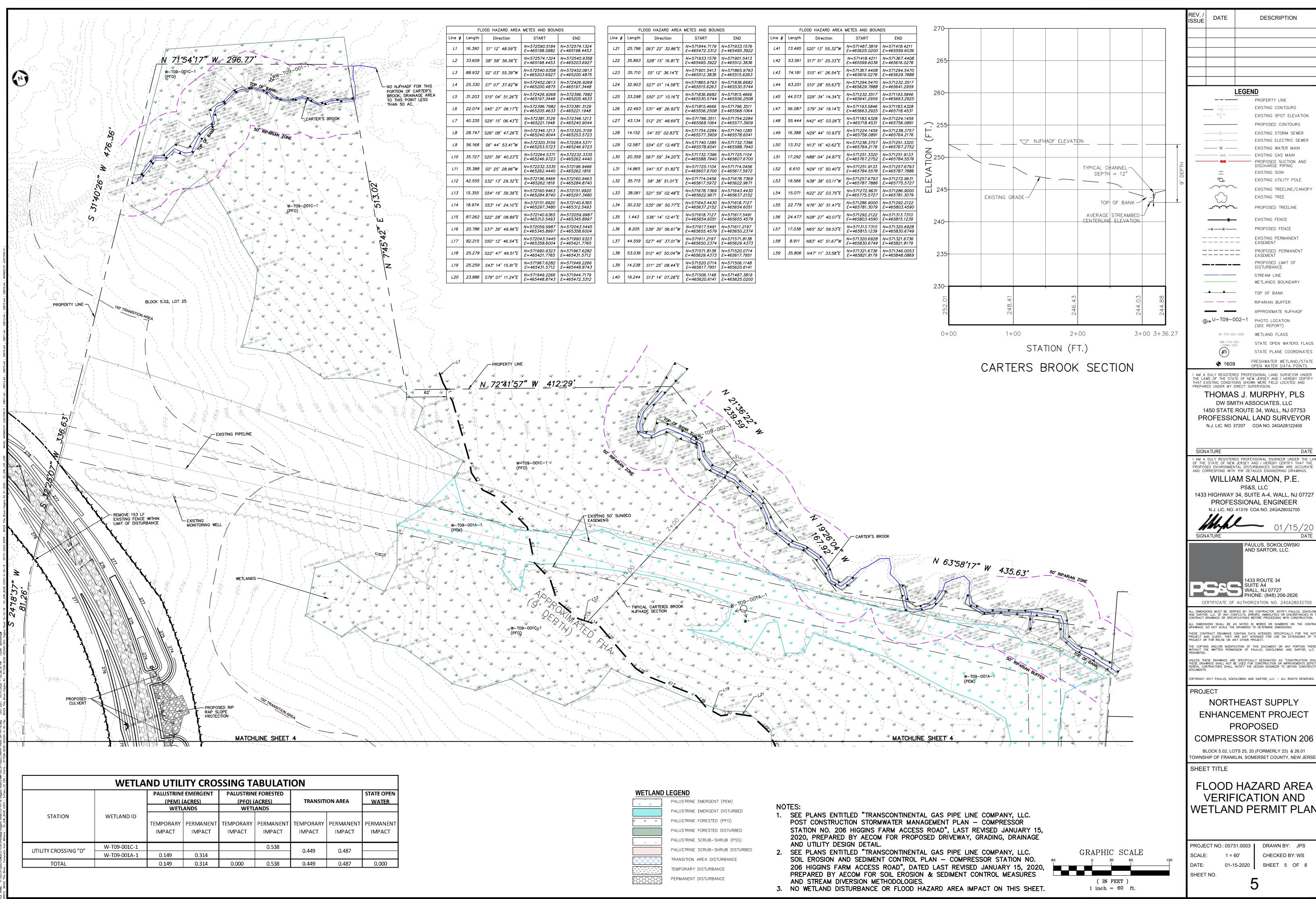
PROJECT NO.: 05731.0003 DRAWN BY: JPS SCALE: 1 = 50' CHECKED BY: WS DATE: 01-15-2020 SHEET 3 OF 8

SHEET NO.

( IN FEET )

1 inch = 50 ft.





DESCRIPTION ____ PROPERTY LINE EXISTING CONTOURS EXISTING SPOT ELEVATION PROPOSED CONTOURS EXISTING STORM SEWER

EXISTING ELECTRIC SEWER EXISTING WATER MAIN EXISTING GAS MAIN PROPOSED SUCTION AND DISCHARGE PIPING EXISTING SIGN  $\mathcal{O}$ EXISTING UTILITY POLE

EXISTING TREELINE/CANOPY EXISTING TREE  $\neg$ PROPOSED TREELINE EXISTING FENCE PROPOSED FENCE _____ EXISTING PERMANENT

EASEMENT PROPOSED PERMANENT _____ EASEMENT PROPOSED LIMIT OF DISTURBANCE STREAM LINE WETLANDS BOUNDARY ____ TOP OF BANK

RIPARIAN BUFFER APPROXIMATE NJFHADE PHOTO LOCATION (SEE REPORT) WETLAND FLAGS W-T19-001-006

FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS **4** 1609 I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

STATE OPEN WATERS FLAGS

STATE PLANE COORDINATES

THOMAS J. MURPHY, PLS DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753

PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE L. OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE WILLIAM SALMON, P.E.

PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700

AND SARTOR, LLC.

SUITE A4 PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA2803270

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

**COMPRESSOR STATION 206** 

BLOCK 5.02, LOTS 25, 20 (FORMERLY 23) & 26.01

FLOOD HAZARD AREA **VERIFICATION AND** WETLAND PERMIT PLAN

PROJECT NO.: 05731.0003 DRAWN BY: JPS 1 = 60' 01-15-2020

CHECKED BY: WS SHEET 5 OF 8

## NOTES ON USE OF PLANS:

- 1. UNLESS THESE PERMIT DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE," THESE DRAWINGS SHALL NOT BE USED FOR PERMITTING ASSOCIATED WITH CONSTRUCTION OR THE IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN PERMITTING DOCUMENTS. THESE PLANS ARE FOR NJDEP PERMITTING ONLY, NO CONSTRUCTION IS TO BE BASED UPON THESE PLANS.
- 2. ALL DIMENSIONS MUST BE VERIFIED IN THE FIELD DURING CONSTRUCTION BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOWSKI AND SARTOR, LLC OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.
- 3. ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE CONTRACT DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.
- 4. THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER
- 5. THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY OTHER PORTION THEREOF WITHOUT THE WRITTEN PERMISSION OF PAULUS, SOKOLOWSKI, AND SARTOR, LLC IS EXPRESSLY PROHIBITED.
- 6. INFORMATION FOR DESIGN LAYOUT IS CONTAINED SOLELY IN THE WRITTEN DIMENSIONS, BEARINGS, AND ANGLES CONTAINED ON THE DRAWINGS.
- 7. THIS DIMENSIONAL INFORMATION IS NOT WARRANTED NOR SHOULD IT BE CONSIDERED AS COMPLETE FOR EVERY ASPECT OF THE LAYOUT. STANDARD PRACTICE REQUIRES THAT THE LAYOUT PERSON CHECK THE DIMENSIONAL DATA CONSISTENCY AND TO PERFORM SURVEY CALCULATIONS WHICH ARE CUSTOMARY FOR CONSTRUCTION LAYOUT. IN THE EVENT THAT A QUESTION OR INCONSISTENCY IS DISCOVERED, THE INSTALLER SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER, PAULUS, SOKOLOWSKI, AND SARTOR, LLC.
- 8. THE GRAPHICAL INFORMATION CONTAINED IN ELECTRONIC FILES IS INTENDED AS DRAWING DATA ONLY. IT IS NOT INTENDED TO SERVE AS SURVEY LAYOUT DATA.
- 9. ALL PROPOSED FITTING ANGLES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY PRIOR TO CUTTING.

## **GENERAL NOTES:**

ENCOUNTERED

- 1. AS INDICATED IN THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," SUFFICIENT CONSTRUCTION WARNING SIGNS ARE TO BE PROVIDED AND MAINTAINED BY CONTRACTORS PERFORMING CONSTRUCTION WORK. SAID SIGNS ARE TO BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND APPROVED BY THE APPROPRIATE MUNICIPAL INSPECTION PERSONNEL.
- 2. THE CONTRACTOR SHALL PROVIDE SUCH TEMPORARY DRAINAGE, SOIL EROSION, AND DUST CONTROL MEASURES AS MAY BE INDICATED ON THE PLANS AND/OR AS DIRECTED BY THE MUNICIPAL ENGINEER OR OTHER AGENCIES OR DEPARTMENTS TO SATISFY ENVIRONMENTAL CONCERNS.
- 3. LOCATION OF EXISTING INLETS, CATCH BASINS AND MANHOLES MUST BE FIELD VERIFIED BEFORE WORK MAY COMMENCE. ANY CONFLICTING INFORMATION FROM THAT SHOWN SHALL BE BROUGHT TO THE IMMEDIATE
- ATTENTION OF THE DESIGN ENGINEER, PAULUS, SOKOLOWSKI, AND SARTOR, LLC. 4. ALL ROADWAYS ARE TO BE PASSABLE FOR FIRE, POLICE, & EMERGENCY VEHICLES DURING CONSTRUCTION.
- 5. UNLESS SPECIFICALLY SHOWN HEREIN, THE DESIGN ENGINEER HAS NOT CONDUCTED AN INVESTIGATION OR PROVIDED DATA ON THE NATURE OF, OR STRUCTURAL SUITABILITY OF ANY SUBSURFACE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IN WRITING OF ANY UNUSUAL SOIL OR ROCK CONDITIONS

NOTICE SHALL BE GIVEN TO AGENCIES 72 HOURS IN ADVANCE IF WORK MAY IMPACT EMERGENCY RESPONSE.

- 6. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES AND MEASURES SHALL BE IN PLACE PRIOR TO ANY SITE DISTURBANCE.
- 7. CONTRACTOR TO RESTORE GROUND SURFACE OF GAS PIPELINE TRENCH, CONSTRUCTION STAGING AREAS, AND ALL OTHER DISTURBED AREAS TO THEIR ORIGINAL CONDITION OR BETTER, OR AS SPECIFIED IN THESE PLANS.
- 8. NO CONSTRUCTION SHALL BE PERFORMED ON WEEKENDS OR DURING NIGHTS IN RESIDENTIAL AREAS WITHOUT PRIOR APPROVAL OF WILLIAMS.
- 9. ALL TREES REMOVED DURING CLEARING SHALL BE TRIMMED AND PLACED AT EDGE OF EASEMENT FOR LANDOWNER UNLESS OTHERWISE NOTED ON PLANS.

## OWNER / APPLICANT

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC 2800 POST OAK BLVD HOUSTON, TEXAS 77056

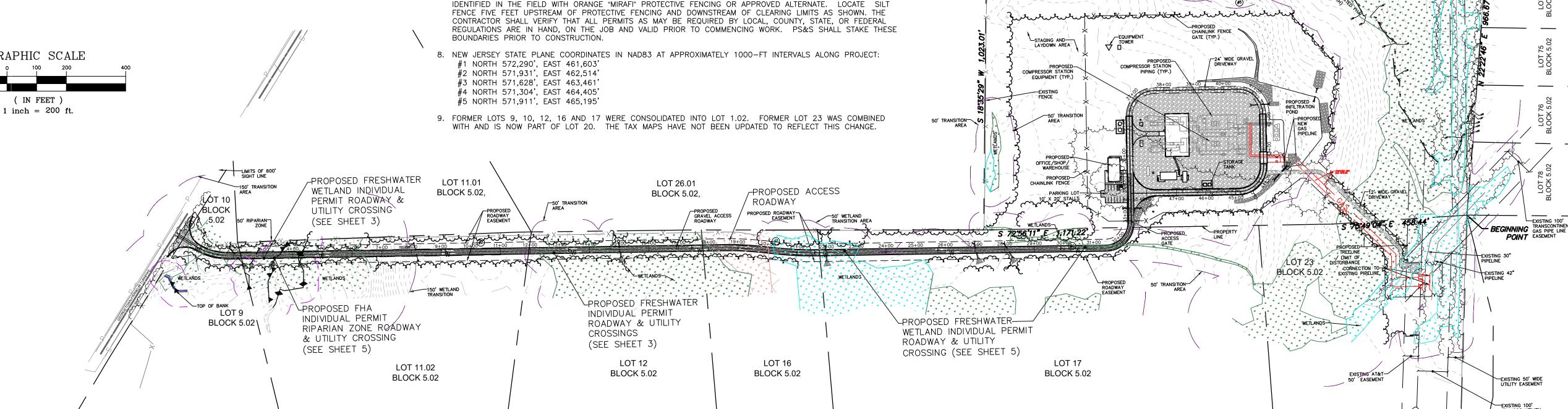
# FLOOD HAZARD AREA AND FRESHWATER

## WETLANDS NOTES:

- 1. THE PURPOSE OF THESE PLANS IS TO SECURE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION FRESHWATER WETLANDS, FLOOD HAZARD AREA FLOODPLAIN VERIFICATION AND FLOOD HAZARD AREA INDIVIDUAL PERMITS FOR THE PROPOSED CONSTRUCTION OF A COMPRESSION STATION 206 AND ASSOCIATED IMPROVEMENTS IN FRANKLIN TOWNSHIP, SOMERSET COUNTY AS PART OF THE NORTHEAST SUPPLY ENHANCEMENT PROJECT.
- A. FRESHWATER WETLAND INDIVIDUAL PERMIT N.J.A.C. 7:7A-7.2
- B. FLOOD HAZARD AREA INDIVIDUAL PERMIT REGULATED ACTIVITIES N.J.A.C. 7:13-11.1 REGULATED ACTIVITY IN CHANNEL
  - N.J.A.C. 7:13-11.2 REGULATED ACTIVITY IN RIPARIAN ZONE N.J.A.C. 7:13-11.6 REGULATED ACTIVITY IN OR AFFECTING A PRESENT OR DOCUMENTED HABITAT FOR
  - THREATENED OR ENDANGERED SPECIES N.J.A.C. 7:13-12.1 REGULATED ACTIVITY ALL REQUIREMENTS
  - N.J.A.C. 7:13-12.2 REGULATED ACTIVITY FOR STORMWATER MANAGEMENT
  - N.J.A.C. 7:13-12.3 REGULATED ACTIVITY FOR EXCAVATION, FILL AND GRADING ACTIVITIES N.J.A.C. 7:13-12.6 REGULATED ACTIVITY FOR ROADWAY
  - N.J.A.C. 7:13-12.7 REGULATED ACTIVITY FOR CULVERT N.J.A.C. 7:13-12.8 REGULATED ACTIVITY FOR UTILITY LINE
- 2. THE APPLICANT/OWNER SHALL SECURE ALL PROPOSED PERMANENT AND TEMPORARY EASEMENTS AND RIGHTS OF ACCESS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION. THE OWNER/CONTRACTOR SHALL ALSO SECURE NECESSARY EASEMENTS OR RIGHTS OF ACCESS BEYOND THE LIMITS SHOWN, AS DEEMED NECESSARY.
- 3. THE CONTRACTOR IS ADVISED THAT STAGING, STORING AND STOCKPILING OF MATERIALS AND EQUIPMENT SHALL BE ACCOMPLISHED OUTSIDE NJDEP REGULATED FRESHWATER WETLANDS, WETLANDS BUFFERS OR FLOOD HAZARD AREA RIPARIAN ZONES TO THE MAXIMUM EXTENT PRACTICABLE AND IN ACCORDANCE WITH NJDEP LINEAR CONSTRUCTION
- 4. THE CONTRACTOR SHALL EXCAVATE, STORE AND REPLACE TOPSOIL WITHIN TRENCH LIMITS. PROPOSED FINISHED GRADE SHALL MATCH EXISTING GRADE. ALL EXCESS MATERIAL SHALL BE DISPOSED OF LAWFULLY.
- 5. ANY PROPOSED TRENCH IN A STREAM CHANNEL, OPEN WATER OR RIPARIAN ZONE IS TO BE A MAXIMUM OF 20 FEET WIDE, UNLESS CONSTRUCTION STANDARDS DICTATE ADDITIONAL WIDTH.
- 6. A MINIMUM COVER OF FOUR (4) FEET SHALL BE PROVIDED FROM THE CHANNEL INVERT. THE ELEVATION OF THE TRANSMISSION GAS MAIN SHALL REMAIN HORIZONTAL UNTIL TEN (10) FEET BEYOND THE TOP OF BANK, OR TWICE THE HEIGHT OF THE STREAM BANK, WHICHEVER IS GREATER. THE INCLINED OF THE MAIN SHALL BE NO GREATER THAT 1:2 ENTERING AND EXITING THE CHANNEL BANK AREA.
- 7. ALL OR A PORTION OF THE SITE LIES WITHIN A FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATIONS AT (609) 292-0060 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON SITE.
- 8. NEW JERSEY STATE OPEN WATERS AND WETLANDS AND WATERS OF THE U.S. DELINEATION DATA WERE COLLECTED BY ECOLSCIENCES, ECOLOGY & ENVIRONMENTAL, INC., AND AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC. IN 2016-2018 AND BY TRANSCONTINENTAL GAS PIPELINE COMPANY, LLC AND ECOLOGY & ENVIRONMENT, INC. IN 2019. A MAPPING GRADE TRIMBLE GPS WAS USED TO COLLECT FRESHWATER WETLANDS IN THE FIELD. IN NEW JERSEY MAPPING GRADE LOCATIONS AND DATA WERE RECORDED BY CIVIL SURVEY OF WILLIAMS STRATEGIC SOURCING COMPANY, LLC TO MEET PLS CERTIFICATION REQUIREMENTS REQUIRED BY NJDEP LETTER OF INTERPRETATION (LOI).
- 9. WITHIN THE SURVEY CORRIDOR ECOLOGY AND ENVIRONMENT, INC. AND AMY GREENE ENVIRONMENTAL ESTABLISHED THE RIPARIAN ZONES UTILIZING WATERS OF THE UNITED STATES FIELD DATA. OUTSIDE SURVEY CORRIDOR FEATURES ECOLOGY AND ENVIRONMENT, INC. USED REMOTE SENSING FOR FEATURES WHO'S TRADITIONAL AREAS ENCROACH INTO THE SURVEY CORRIDOR FROM OUTSIDE.
- 10. PROPOSED PROJECT IS SUBJECT TO SOMERSET-UNION SOIL CONSERVATION DISTRICT PLAN CERTIFICATION APPROVAL.
- 11. PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS AND OR WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE "MIRAFI" PROTECTIVE FENCING OR APPROVED ALTERNATE. LOCATE SILT FENCE FIVE FEET UPSTREAM OF PROTECTIVE FENCING AND DOWNSTREAM OF CLEARING LIMITS AS SHOWN. THE CONTRACTOR SHALL VERIFY THAT ALL PERMITS AS MAY BE REQUIRED BY LOCAL, COUNTY, STATE, OR FEDERAL REGULATIONS ARE IN HAND, ON THE JOB AND VALID PRIOR TO COMMENCING WORK. PS&S SHALL STAKE THESE BOUNDARIES PRIOR TO CONSTRUCTION.
- 12. NON-PAVED AREAS IN FRESHWATER WETLANDS AND/OR RIPARIAN ZONES TO RECEIVE 18 INCHES OF TOPSOIL/INSITU MATERIAL.
- 13. CONTRACTOR SHALL DISPOSE OF ANY HAZARDOUS SUBSTANCES (IF ENCOUNTERED) OFF-SITE. NO PLACEMENT, STORAGE OR PROCESSING OF HAZARDOUS SUBSTANCES IN REGULATED AREAS PERMITTED.
- 14. THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD ASSOCIATED WITH CARTER'S BROOK WERE DETERMINED USING NJDEP METHOD 5 (FLOOD HAZARD AREA DETERMINED BY APPROXIMATION) ACCORDING TO N.J.A.C.
- 15. STAGING, STORING AND STOCKPILING OF MATERIALS AND EQUIPMENT SHALL, TO THE MAXIMUM EXTENT ACTIVITIES IN THE RIPARIAN ZONE, THESE ACTIVITIES, AS WELL AS ACCESS TO THE UTILITY LINE DURING CONSTRUCTION, SHALL, TO THE MAXIMUM EXTENT PRACTICABLE, BE UNDERTAKEN IN ACTIVELY DISTURBED AREAS.

## REFERENCE NOTES

- 1. EXISTING CONDITIONS SHOWN HEREON ARE BASED UPON SURVEY INFORMATION PREPARED BY D.W. SMITH ASSOCIATES, INC. AND WILLIAMS TRANSCONTINENTAL PIPE LINE COMPANY, LLC.
- 2. THE VERTICAL DATUM REFERS TO NAVD 88 TOPOGRAPHICAL DATA. (CONVERSION TO NVGD 1929; + 1.04 FT.)
- 3. THE HORIZONTAL DATUM REFERS TO NAD83 NEW JERSEY STATE PLANE COORDINATE SYSTEM.
- 4. LOT LINES AND RIGHT-OF-WAY LINES SHOWN HEREON WERE TAKEN FROM INFORMATION AS REFERENCED ABOVE.
- 5. TOPOGRAPHIC CONTOURS BASED UPON FIELD SURVEY PERFORMED BY D.W. SMITH ASSOCIATES, LLC OCTOBER 2016-JUNE 2017, PROVIDED BY TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
- 6. PROPOSED SITE IMPROVEMENTS AND PROPOSED LIMITS OF DISTURBANCE TAKEN FROM PLANS ENTITLED "TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC POST CONSTRUCTION STORMWATER MANAGEMENT PLAN -COMPRESSOR STATION NO. 206 TRAP ROCK ACCESS ROAD", LAST REVISED JANUARY 15, 2020, PROPOSED BY AECOM.
- 7. PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS AND OR WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE "MIRAFI" PROTECTIVE FENCING OR APPROVED ALTERNATE. LOCATE SILT FENCE FIVE FEET UPSTREAM OF PROTECTIVE FENCING AND DOWNSTREAM OF CLEARING LIMITS AS SHOWN. THE CONTRACTOR SHALL VERIFY THAT ALL PERMITS AS MAY BE REQUIRED BY LOCAL, COUNTY, STATE, OR FEDERAL REGULATIONS ARE IN HAND, ON THE JOB AND VALID PRIOR TO COMMENCING WORK. PS&S SHALL STAKE THESE



	FL	OOD HAZARD AREA	METES AND BOUN	IDS	
Line #	Length	Direction	START	END	Line
L1	16.390	S1° 12′ 48.59″E	N=572590.5184 E=465198.0982	N=572574.1324 E=465198.4453	L2
L2	33.609	S8° 58' 56.56"E	N=572574.1324 E=465198.4453	N=572540.9358 E=465203.6927	L2
L3	88.932	S2* 03' 55.39"W	N=572540.9358 E=465203.6927	N=572452.0613 E=465200.4875	L2
L4	25.330	S7° 07′ 37.92″W	N=572452.0613 E=465200.4875	N=572426.9268 E=465197.3448	L2
L5	31.203	S15° 04' 51.26"E	N=572426.9268 E=465197.3448	N=572396.7982 E=465205.4633	L2
L6	22.074	S45° 27′ 06.17″E	N=572396.7982 E=465205.4633	N=572381.3129 E=465221.1948	L2
L7	40.335	S29° 15' 06.43"E	N=572381.3129 E=465221.1948	N=572346.1213 E=465240.9044	L2
L8	28.747	S26° 08' 47.26"E	N=572346.1213 E=465240.9044	N=572320.3159 E=465253.5723	L2
L9	56.168	S6° 44' 53.41"W	N=572320.3159 E=465253.5723	N=572264.5371 E=465246.9723	L2
L10	35.727	S25° 39′ 40.23″E	N=572264.5371 E=465246.9723	N=572232.3335 E=465262.4440	L3
L11	35.388	S0° 25′ 28.96"W	N=572232.3335 E=465262.4440	N=572196.9466 E=465262.1816	L3
L12	42.555	S32* 13' 29.32"E	N=572196.9466 E=465262.1816	N=572160.9463 E=465284.8740	L3
L13	15.355	S54° 19′ 39.39″E	N=572160.9463 E=465284.8740	N=572151.9920 E=465297.3480	L3
L14	18.974	S53° 14′ 24.10″E	N=572151.9920 E=465297.3480	N=572140.6365 E=465312.5493	L3
L15	87.262	S22* 28' 08.89"E	N=572140.6365 E=465312.5493	N=572059.9987 E=465345.8997	L3
L16	20.786	S37* 39' 49.96"E	N=572059.9987 E=465345.8997	N=572043.5445 E=465358.6004	L3
L17	82.215	S50° 12′ 46.54″E	N=572043.5445 E=465358.6004	N=571990.9323 E=465421.7765	L3
L18	25.279	S22° 47′ 49.51"E	N=571990.9323 E=465421.7765	N=571967.6282 E=465431.5712	L3
L19	25.259	S43° 14' 15.91"E	N=571967.6282 E=465431.5712	N=571949.2266 E=465448.8743	L3
L20	23.886	S79° 07' 11.24"E	N=571949.2266 E=465448.8743	N=571944.7179 E=465472.3312	L4

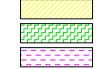
<u>N 71°54′17" W 29</u>6.<u>77</u>

N. 72:41'57" .W .412.29"

Line #	Length	Direction	METES AND BOUN	END
L21	25.796	S63° 22' 32.86"E	N=571944.7179 E=465472.3312	N=571933.157 E=465495.392
L22	35.893	S28° 15' 16.81"E	N=571933.1576 E=465495.3922	N=571901.541. E=465512.383
L23	35.710	S5° 12' 36.14"E	N=571901.5413 E=465512.3836	N=571865.979 E=465515.626
L24	32.903	S27° 01' 14.58"E	N=571865.9793 E=465515.6263	N=571836.668 E=465530.574
L25	33.298	S50° 27' 10.16"E	N=571836.6682 E=465530.5744	N=571815.466 E=465556.250
L26	22.493	S31* 48' 26.92"E	N=571815.4666 E=465556.2508	N=571796.351 E=465568.106
L27	43.134	S12* 25' 48.69"E	N=571796.3511 E=465568.1064	N=571754.228 E=465577.390
L28	14.152	S4° 55' 02.83"E	N=571754.2284 E=465577.3909	N=571740.128 E=465578.604
L29	12.587	S54° 03' 12.48"E	N=571740.1285 E=465578.6041	N=571732.739 E=465588.794
L30	20.359	S67* 59' 34.20"E	N=571732.7396 E=465588.7940	N=571725.110- E=465607.670
L31	14.865	S41° 53' 51.82"E	N=571725.1104 E=465607.6700	N=571714.045 E=465617.597
L32	35.715	S8° 38' 51.01"E	N=571714.0456 E=465617.5972	N=571678.736 E=465622.967
L33	38.061	S21* 59' 02.48 <b>"</b> E	N=571678.7369 E=465622.9671	N=571643.443 E=465637.215
L34	30.232	S35* 06' 50.77"E	N=571643.4430 E=465637.2152	N=571618.712 E=465654.605
L35	1.443	S36° 14' 12.41"E	N=571618.7127 E=465654.6051	N=571617.549 E=465655.457
L36	8.205	S39° 30' 56.61"W	N=571617.5491 E=465655.4579	N=571611.2197 E=465650.237
L37	44.559	S27* 49' 37.01"W	N=571611.2197 E=465650.2374	N=571571.8138 E=465629.437
L38	53.036	S12° 40' 50.04"W	N=571571.8138 E=465629.4373	N=571520.071 E=465617.795
L39	14.238	S11° 25' 08.44"E	N=571520.0714 E=465617.7951	N=571506.114 E=465620.614
L40	19.244	S13° 14' 07.28"E	N=571506.1148 E=465620.6141	N=571487.381 E=465625.020

	FL	OOD HAZARD AREA	METES AND BOUN	DS
Line #	Length	Direction	START	END
L41	73.495	S20° 13′ 55.32″W	N=571487.3819 E=465625.0200	N=571418.427 E=465599.60
L42	53.561	S17° 51' 25.33"E	N=571418.4211 E=465599.6036	N=571367.44 E=465616.02
L43	74.181	S10° 41' 26.54"E	N=571367.4408 E=465616.0276	N=571294.54 E=465629.78
L44	63.251	S10° 28' 55.63"E	N=571294.5470 E=465629.7888	N=571232.35 E=465641.29
L45	44.573	S29° 34' 14.34"E	N=571232.3517 E=465641.2959	N=571193.58- E=465663.29
L47	56.087	S79° 34′ 19.14″E	N=571193.5846 E=465663.2925	N=571183.43. E=465718.45
L48	55.444	N42° 45′ 03.26"E	N=571183.4328 E=465718.4531	N=571224.14. E=465756.08
L49	16.388	N29° 44' 10.93"E	N=571224.1459 E=465756.0891	N=571238.37 E=465764.21
L50	13.312	N13° 16' 42.62"E	N=571238.3757 E=465764.2176	N=571251.33. E=465767.27
L51	17.292	N88° 04' 24.87"E	N=571251.3320 E=465767.2752	N=571251.913 E=465784.55
L52	6.610	N29° 15' 50.40"E	N=571251.9133 E=465784.5576	N=571257.67 E=465787.78
L53	19.566	N38° 38' 03.11"W	N=571257.6793 E=465787.7886	N=571272.96 E=465775.57
L54	15.071	N22* 22' 03.75"E	N=571272.9631 E=465775.5727	N=571286.90 E=465781.30
L55	22.779	N76° 30' 51.47"E	N=571286.9000 E=465781.3079	N=571292.21. E=465803.45
L56	24.477	N28° 27' 40.07"E	N=571292.2122 E=465803.4590	N=571313.73 E=465815.12.
L57	17.038	N65* 52' 59.53"E	N=571313.7310 E=465815.1239	N=571320.69 E=465830.67
L58	8.911	N83° 40' 51.67"W	N=571320.6928 E=465830.6749	N=571321.67 E=465821.81
L59	35.806	N47° 11' 33.58"E	N=571321.6736 E=465821.8179	N=571346.00 E=465848.08





ACCESS TO THE PROJECT DISTURBANCE NEW UTILITY LINE DISTURBANCE

## WETLAND LEGEND

PALUSTRINE EMERGENT (PEM) PALUSTRINE EMERGENT DISTURBED PALUSTRINE FORESTED (PFO) PALUSTRINE FORESTED DISTURBED PALUSTRINE SCRUB-SHRUB (PSS) PALUSTRINE SCRUB-SHRUB DISTURBED TRANSITION AREA DISTURBANCE

TEMPORARY DISTURBANCE PERMANENT DISTURBANCE

> 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER

N.J. LIC. NO. 41319 COA NO. 24GA28032700





SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN TRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

ILESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION IS EES DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEP REIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRU

ENHANCEMENT PROJECT PROPOSED

# **COMPRESSOR STATION 206**

OCK 5.02, LOTS 1.02 (FORMERLY 9, 10, 12, 16 & 17), 11.02, 20 (FORMERLY 23) & 25 OWNSHIP OF FRANKLIN, SOMERSET COUNTY, NEW JERSEY

OVERALL SITE PLAN AND

PROJECT NO.: 05731.0003 1 = 200' DATE:

SHEET NO.

PROPOSED CONTOURS EXISTING STORM SEWER EXISTING ELECTRIC SEWER EXISTING WATER MAIN GAS — EXISTING GAS MAIN — PROPOSED SUCTION AND DISCHARGE PIPING EXISTING SIGN

PROPERTY LINE

EXISTING CONTOURS

EXISTING SPOT ELEVATION

DESCRIPTION

08/24/18 REV PER NJDEP COMMENTS

2 | 02/04/19 | REV DRAINAGE PER NJDEP COMMENT

3 04/30/19 REV TRANSITION AREA WIDTHS PER NUMBER

5 06/07/19 REV DRAINAGE & LIMIT OF DISTURBANCE

6 06/24/19 REV FENCE AND LIMIT OF DISTURBANCE

7 10/11/19 REV TITLE BLOCK FOR ACCESS RD LO

8 01/15/20 GENERAL REVISIONS

Q

LEGEND

4 05/17/19 REV TRANSITION AREAS AND BASIN PER NJDEP COMMENTS

EXISTING UTILITY POLE EXISTING TREELINE/CANOPY EXISTING TREE PROPOSED TREELINE

EXISTING FENCE <del>-x-x</del>-PROPOSED FENCE —x —— EXISTING PERMANENT _____ PROPOSED PERMANENT EASEMENT

PROPOSED LIMIT OF ____ DISTURBANCE STREAM LINE WETLANDS BOUNDARY ____ TOP OF BANK

_ _ _ _ RIPARIAN BUFFER APPROXIMATE NJFHADF ⑤→U-T09-002-1 PHOTO LOCATION

(SEE REPORT) △ W-T19-001-006 WETLAND FLAGS STATE OPEN WATERS FLAGS (#5) STATE PLANE COORDINATES

FRESHWATER WETLAND/STATE **+** 1609 OPEN WATER DATA POINTS I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER

THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION THOMAS J. MURPHY, PLS

DW SMITH ASSOCIATES, LLC 1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR

N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LA' OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE

PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE WILLIAM SALMON, P.E. PS&S, LLC

PAULUS, SOKOLOWSKI

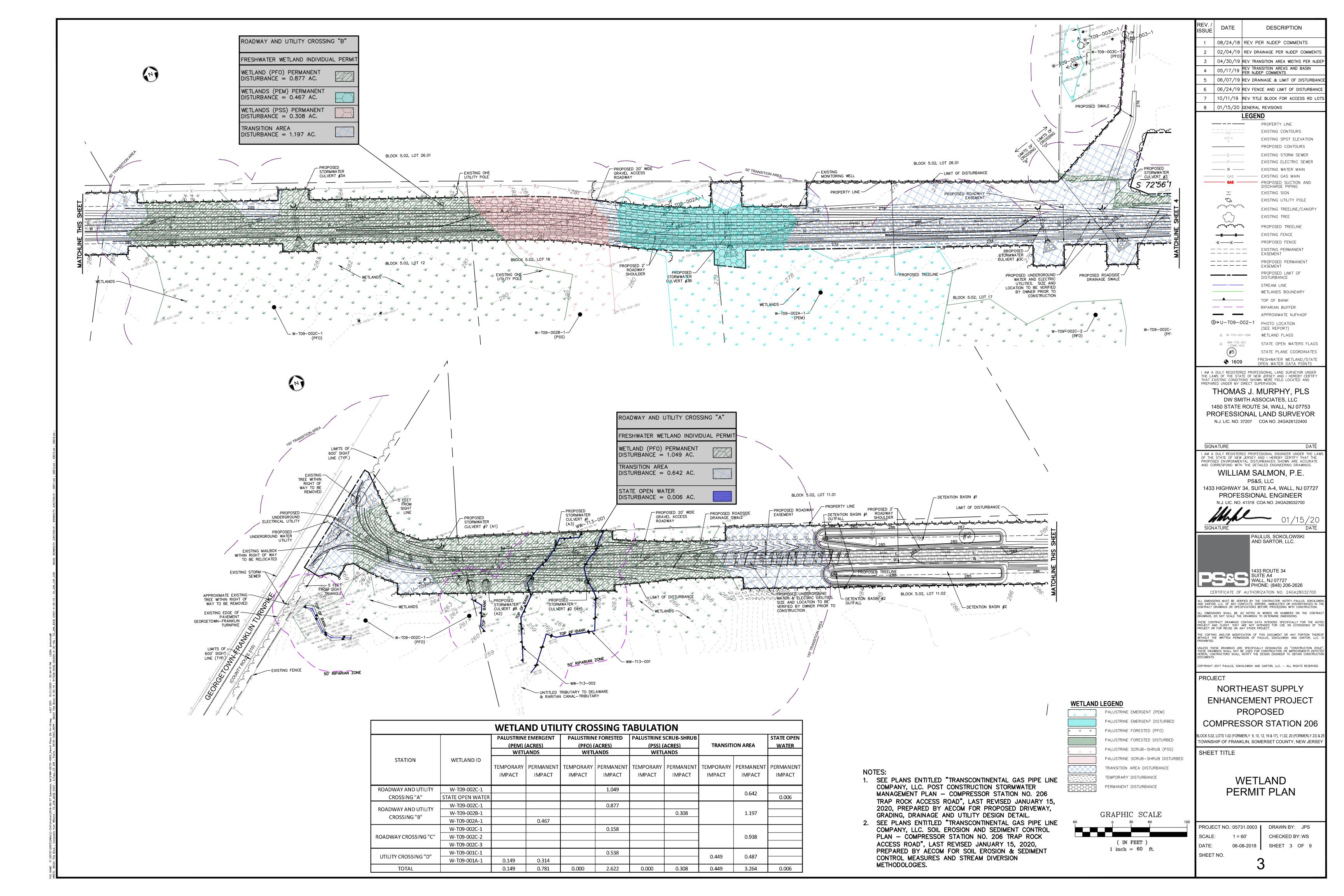
PHONE: (848) 206-2626 CFRTIFICATE OF AUTHORIZATION NO. 24GA28032700 DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOV

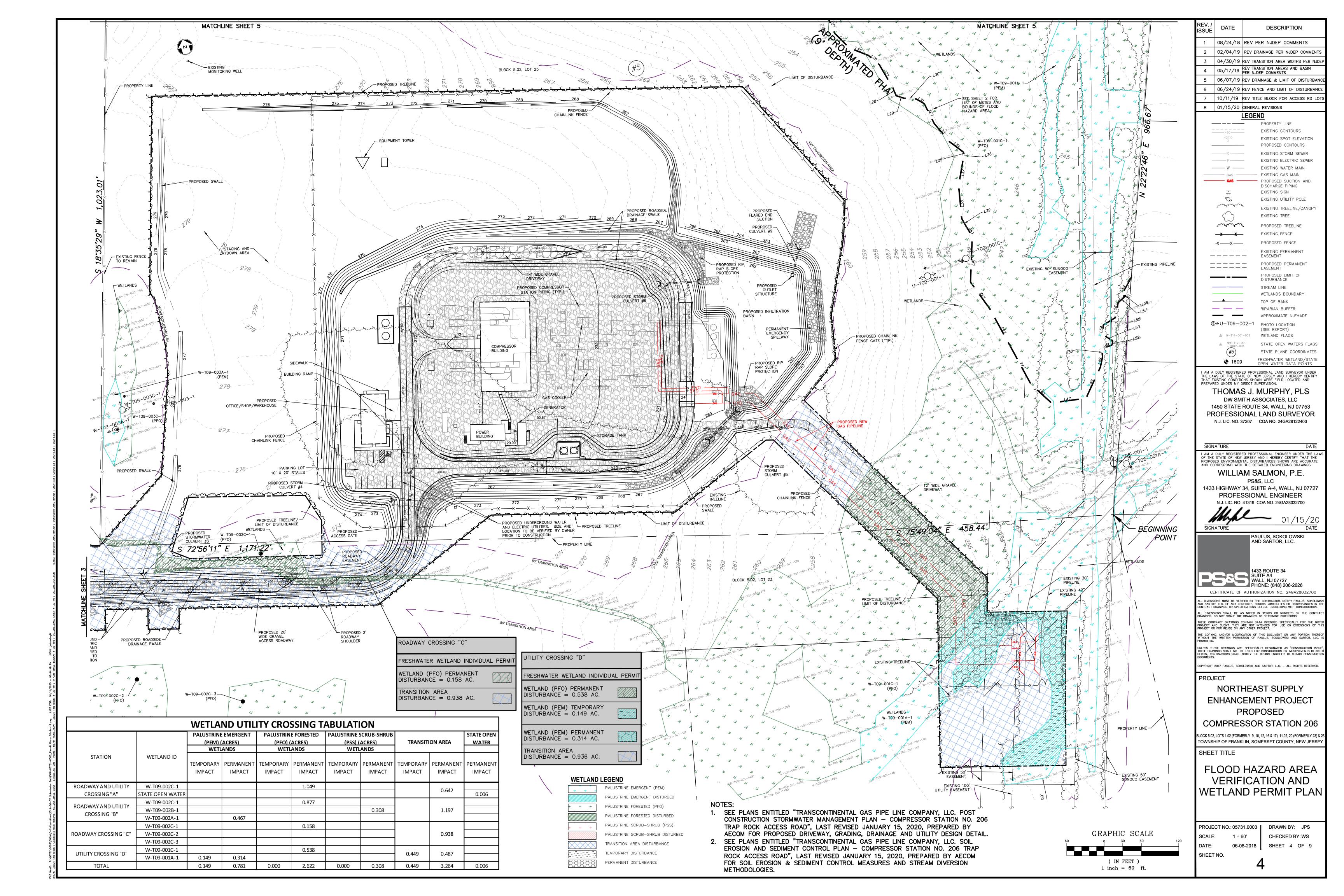
NORTHEAST SUPPLY

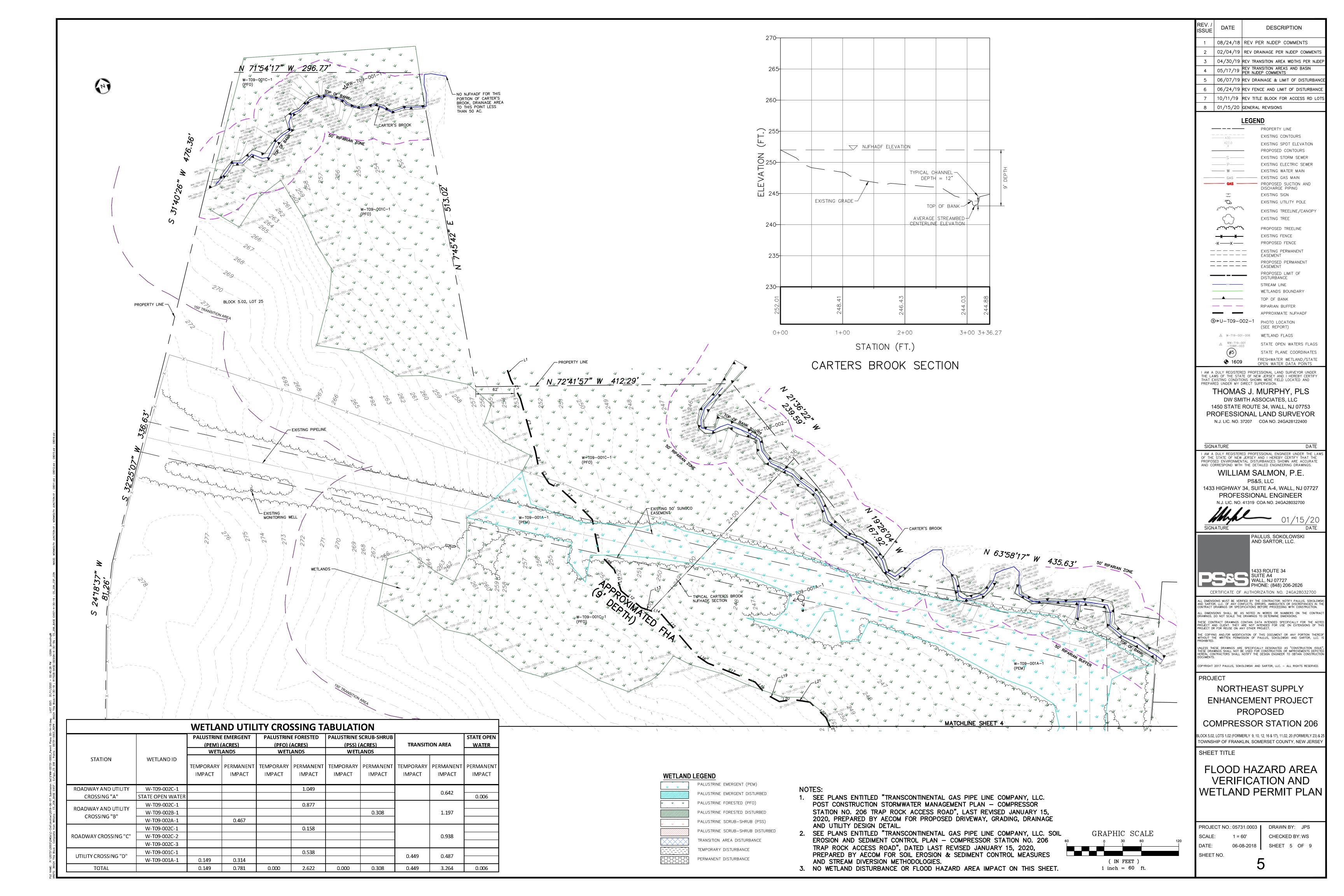
SHEET TITLE

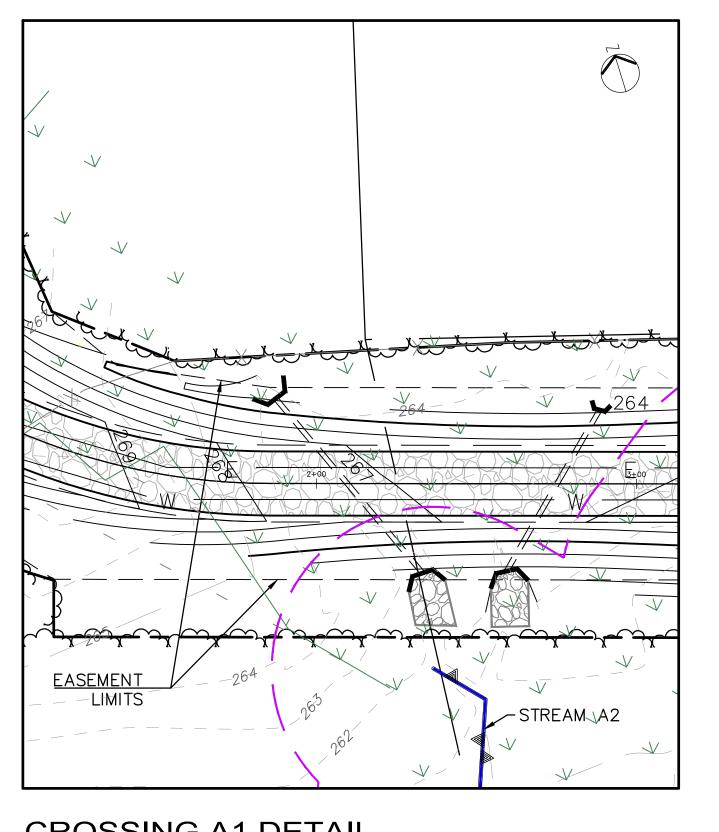
**GENERAL NOTES** 

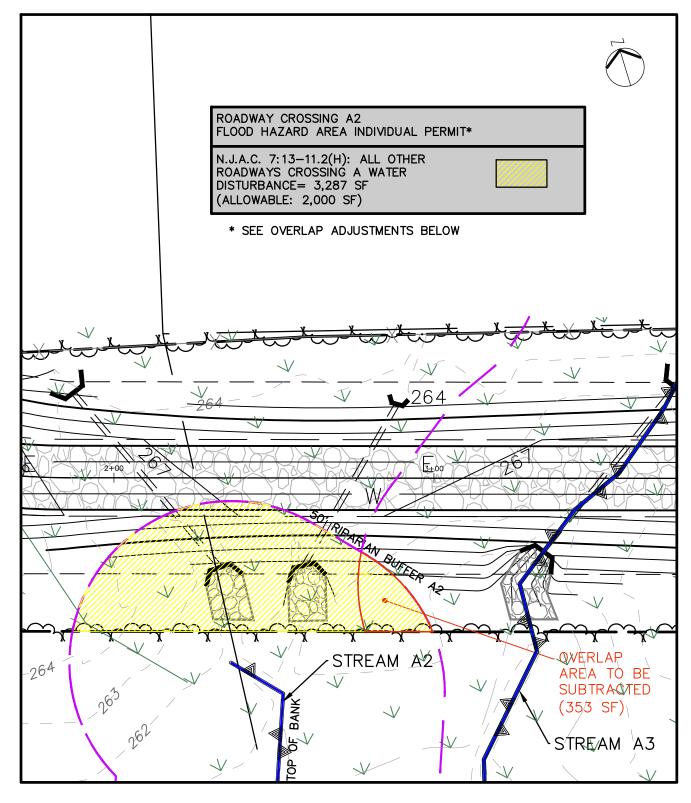
DRAWN BY: JPS CHECKED BY: WS 06-08-2018 SHEET 2 OF 9



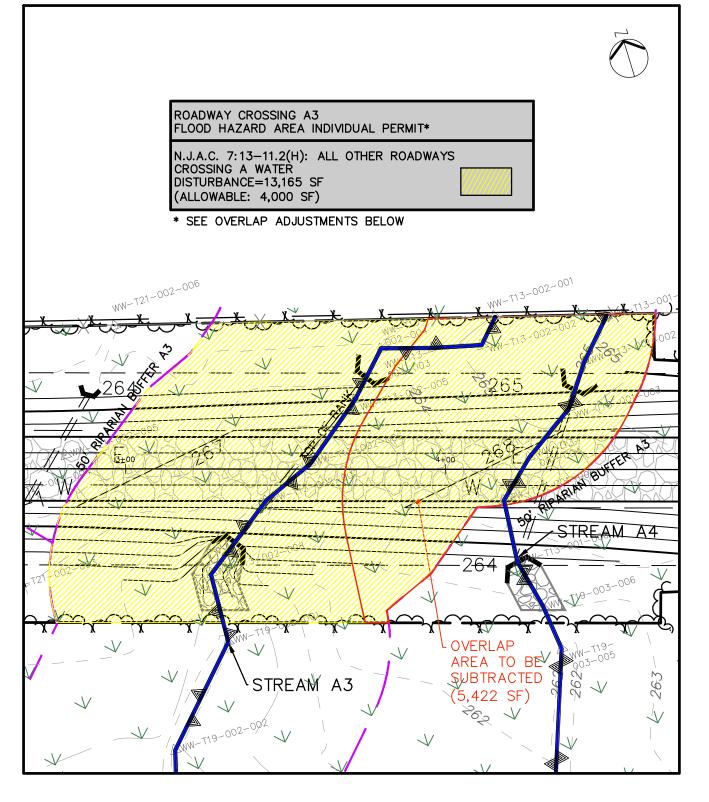




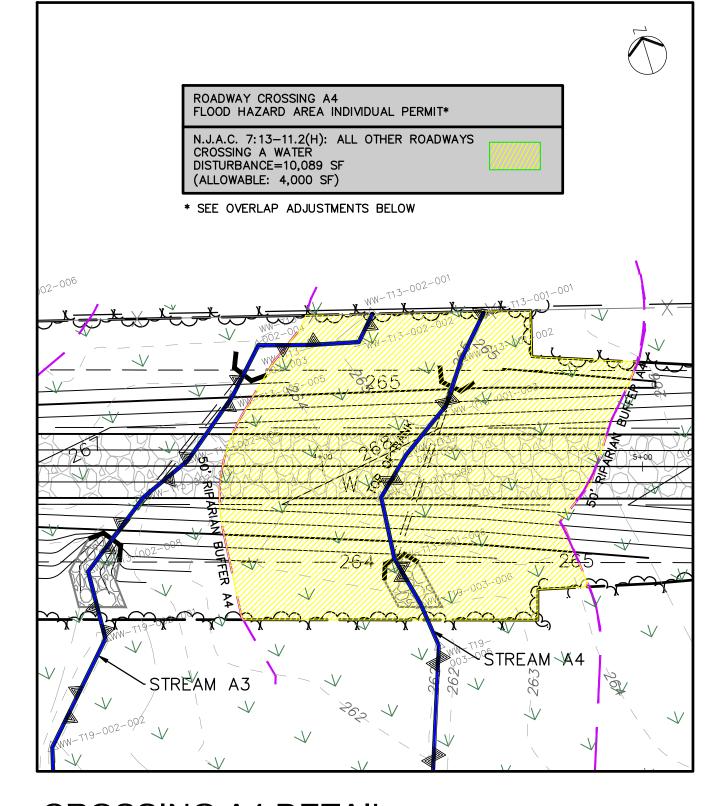




**CROSSING A2 DETAIL** 



**CROSSING A3 DETAIL** 



**CROSSING A4 DETAIL** 

ROCK ACCESS ROAD". LAST REVISED JANUARY 15, 2020, PREPARED BY AECOM

FOR SOIL EROSION & SEDIMENT CONTROL MEASURES AND STREAM DIVERSION

3. SEE SHEET 4 FOR LOCATION OF APPROXIMATED FLOODPLAIN OF CARTER'S BROOK.

METHODOLOGIES.

GRAPHIC SCALE ( IN FEET ) 1 inch = 30 ft.

# **CROSSING A1 DETAIL**

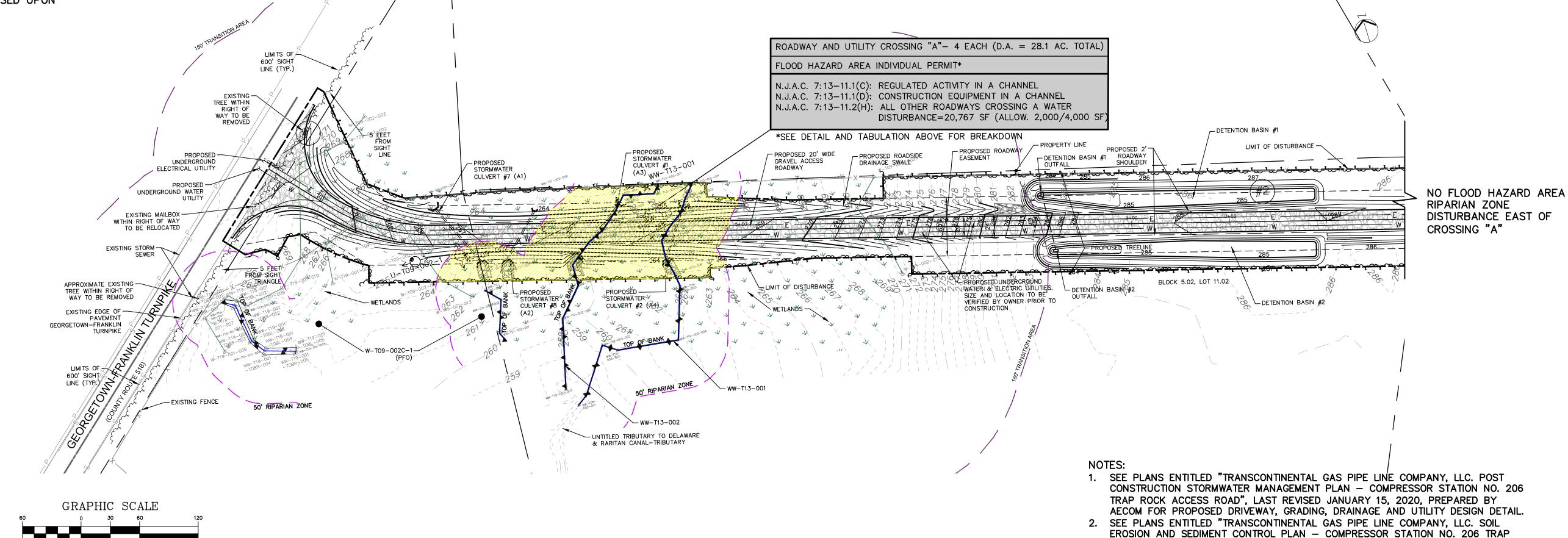
ARE	A OF DISTURBAN OVERLAP	ICE SUMMARY ADJUSTMENTS		′
	ROADWAY	CROSSING A	WATER (SF)	)
CROSSING LABLE	TOTAL DISTURBANCE	ALLOWABLE DISTURBANCE	EXCEEDED LIMITS	OVERLAF AREA
A1	_	_	_	_
A2	3,287	2,000	1,287	- 353
А3	13,165	4,000	9,165	-5,422
Α4	10,089	4,000	6,089	
TOTAL	26,541	10,000	16,541	-5,775
TOTAL NET			10,766	_

1. TOTAL NET COMPENSATION=ROAD DISTURBANCE IN EXCEEDANCE OF ALLOWABLE LIMITS LESS OVERLAP AREA.

2. STREAM A1 ELIMINATED BASED UPON NJDEP WALK THROUGH.

( IN FEET )

1 inch = 60 ft.



PS&S, LLC 1433 HIGHWAY 34, SUITE A-4, WALL, NJ 07727 PROFESSIONAL ENGINEER N.J. LIC. NO. 41319 COA NO. 24GA28032700

DATE

ISSUE

DESCRIPTION

08/24/18 REV PER NJDEP COMMENTS 2 02/04/19 REV DRAINAGE PER NJDEP COMMENT 3 | 04/30/19 REV TRANSITION AREA WIDTHS PER NJDE

4 05/17/19 REV TRANSITION AREAS AND BASIN PER NJDEP COMMENTS

5 06/07/19 REV DRAINAGE & LIMIT OF DISTURBANC

6 06/24/19 REV FENCE AND LIMIT OF DISTURBANC

PROPERTY LINE

EXISTING CONTOURS EXISTING SPOT ELEVATION PROPOSED CONTOURS EXISTING STORM SEWER EXISTING ELECTRIC SEWER EXISTING WATER MAIN

- EXISTING GAS MAIN PROPOSED SUCTION AND DISCHARGE PIPING EXISTING SIGN

EXISTING UTILITY POLE

EXISTING TREE

PROPOSED TREELINE EXISTING FENCE

PROPOSED FENCE

PROPOSED PERMANENT

PROPOSED LIMIT OF

EASEMENT

EASEMENT

STREAM LINE WETLANDS BOUNDARY

TOP OF BANK

RIPARIAN BUFFER

PHOTO LOCATION

(SEE REPORT)

WETLAND FLAGS

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS J. MURPHY, PLS

DW SMITH ASSOCIATES, LLC

1450 STATE ROUTE 34, WALL, NJ 07753 PROFESSIONAL LAND SURVEYOR N.J. LIC. NO. 37207 COA NO. 24GA28122400

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LA' OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE

WILLIAM SALMON, P.E.

APPROXIMATE NJFHADF

STATE OPEN WATERS FLAGS STATE PLANE COORDINATES

FRESHWATER WETLAND/STATE OPEN WATER DATA POINTS

EXISTING TREELINE/CANOPY

7 10/11/19 REV TITLE BLOCK FOR ACCESS RD L

8 01/15/20 GENERAL REVISIONS

____

—— W ——

Q

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<del>-x x</del>

-x -----x -----

_____ _____

_____

_____

⑤→U-T09-002-1

**4** 1609

____

AND SARTOR, LLC.

1433 ROUTE 34 SUITE A4 WALL, NJ 07727 PHONE: (043) PHONE: (848) 206-2626 CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

L DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOV ID SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN INTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

NLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSI HESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPIC EREIN, CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCT OCUMENTS.

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PROJECT

NORTHEAST SUPPLY **ENHANCEMENT PROJECT** PROPOSED

**COMPRESSOR STATION 206** 

OCK 5.02, LOTS 1.02 (FORMERLY 9, 10, 12, 16 & 17), 11.02, 20 (FORMERLY 23) & 25 OWNSHIP OF FRANKLIN, SOMERSET COUNTY, NEW JERSEY

SHEET TITLE

RIPARIAN ZONE PERMIT PLAN

PROJECT NO.: 05731.0003 | SCALE: 1 = 60' DATE: 06-08-2018

SHEET NO.

CHECKED BY: WS SHEET 6 OF 9

DRAWN BY: JPS

Somerset County, New Jersey

### DEPARTMENT OF PLANNING AND ZONING

Planning – Zoning – Affordable Housing Planning Board – Zoning Board of Adjustment

Date: 12-6-19





Municipal Building 475 DeMott Lane Somerset, NJ 08873 732.873.2500

Fax: 732.873.0844 www.franklintwpnj.org

As per the most up-to-date property listings available to the Township on the date indicated above, this letter will certify that the attached list contains the properties and property owners within 200 feet of the Subject Property identified below. Notice shall be provided to the property owners on the attached list per the requirements NJSA 40:55D-12.b.

SUBJECT PROPERTIES:

BLOCK 5.02 LOTS 25, 20, \$ 26.01

### As per NJSA 40:55D-12.h, you must also notify the following registered agencies:

Right-of-Way Department

Buckeye Pipe Line Company

PO Box 368

Emmaus, PA 18049-0368

Business Manager

Comcast Cable

279 Amwell Road

Hillsborough, NJ 08844

Sunoco Pipeline LP

Right of Way Dept

Montello Complex

525 Fritztown Road

Sinking Spring PA 19608

Department Staff signature

NOTES: (1) Applicants are responsible for ensuring that the appropriate entities are notified per NJSA 40:55D-12.d. through g. (e.g., notice(s) to NJDOT, clerks of adjoining municipalities, etc.) and otherwise ensuring that all notice requirements of NJSA 40:55D-12 are satisfied. (2) If the site is located within 200-feet of another municipality, the applicant must seek the 200-foot radius list from the appropriate official in that municipality.



Parcel Offset List

Target Parcel(s): Block-Lot: 5.02-25

TRANSCONTINENTAL GAS PIPE LINE CO.

CR 518

Block-Lot: 5.02-26.01

HIGGINS, CLIFFORD G.JR, & JULIE

73 CR 518

Block-Lot: 5.02-26.01-QFARM

HIGGINS, LISBETH B

73 CR 518

Block-Lot: 5.02-20-QFARM TRAP ROCK INDUSTRIES, LLC

CR 518

35 parcels fall within 200 feet of this parcel(s).

Block-Lot: 5.02-28.01

PLATEK, SIMHA K & LAURA T

71 CR 518

PRINCETON NJ 08540

RE: 71 CR 518

Block-Lot: 5.02-35

FARM CREDIT EAST, ACA

9 CR 618

LEBANON, NJ 08833

RE: 41 CR 518

Block-Lot: 5.02-75

STILL, CECIL C.& DELORES T.

14 ENGLISH LA

PRINCETON NJ 08540

RE: 4285 RT 27

Block-Lot: 10-3

WIERZBINSKY, SCOTT & LORI

74 CR 518

PRINCETON, NJ 08540

RE: 78 CR 518

Block-Lot: 8-18.11-QFARM

TOMAO, JOAN E. & JOHNSON, JESSICA A

101 OLD GEORGETOWN ROAD

PRINCETON, NJ 08540

RE: 86 CR 518

Block-Lot: 10-1

KISS, FRANK T.& KISS, STEPHEN G.

82 CR 518

PRINCETON NJ 08540

RE: 82 CR 518

Block-Lot: 5.02-72

SOMOGYI, ANNA

66 CHAIRVILLE RD.

MEDFORD, NJ 08055

RE: 4265 RT 27

Block-Lot: 5.02-76

KUEHN, CAROL P.

4291 RT 27

PRINCETON, NJ 08540

RE: 4291 RT 27

Block-Lot: 5.02-30

FARM CREDIT EAST, ACA

9 CR 618

LEBANON, NJ 08833

RE: 51 CR 518

Block-Lot: 5.02-1.02

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON NJ 08528

RE: 4415 ROUTE 27

Block-Lot: 5.02-27.01

HIGGINS, CLIFFORD JR. & JULIE

79 CR 518

PRINCETON, N.J. 08540

RE: 79 CR 518

Block-Lot: 5.02-70

COLLINS, LYNN V.

4251 RT 27

PRINCETON NJ 08540

RE: 4251 RT 27

Block-Lot: 10-5

WIERZBINSKY, LORIANN & SCOTT

74 CR 518

PRINCETON NJ 08540

RE: 74 CR 518

Block-Lot: 5.02-11.02-QFARM

TRAP ROCK INDUSTRIES, LLC

PO BOX 419

KINGSTON NJ 08528

RE: CR 518

Block-Lot: 5.02-28.02

PALMQUIST, R D & CAROL M TRUSTEES

67 CR 518

PRINCETON, NJ 08540

RE: 67 CR 518

Block-Lot: 5.02-77.01

NEW JERSEY BUDDHIST VIHARA

4299 RT 27

PRINCETON, NJ 08540

RE: 4299 RT 27

Block-Lot: 5.02-73

RMR PTRS LLC,

222 WILSON ROAD

SOMERSET NJ 08873

RE: 4271 RT 27

Block-Lot: 10-2

KISS, FRANK T & KISS, STEPHEN G.

82 CR 518

PRINCETON NJ 08540

RE: 80 CR 518

Block-Lot: 5.02-11.01

HIGGINS, CLIFFORD G,III

83 CR 518

PRINCETON NJ 08540

RE: 83 CR 518

Block-Lot: 10-6.01-QFARM

KISS, JAMES & BEVERLY

78 CR 518

PRINCETON NJ 08540

RE: 66 CR 518

Block-Lot: 5.02-28.03

MORRIS, WESLEY M.JR. & JILL G.

65 COUNTY ROUTE 518

PRINCETON, NJ 08540

RE: 65 CR 518

Block-Lot: 5.02-74

CIRLINCIONE, CRAIG A

4279 RT 27

PRINCETON NJ 08540

RE: 4279 RT 27

Block-Lot: 5.02-29

BRYAN, LARRY H & HELEN P

61 CR 518

PRINCETON NJ 08540

RE: 61 CR 518

Block-Lot: 5.02-18-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 10-4-QFARM

WIERZBINSKY, LORI A. & SCOTT A.

74 CR 518

PRINCETON, NJ 08540

RE: 76 CR 518

Block-Lot: 5.02-71

SOMOGYI, ANNA

6 CHAIRVILLE RD.

MEDFORD, NJ 08055

RE: 4259 RT 27

Block-Lot: 5.02-23-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O.BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 5.02-24-QFARM

THOMPSON REALTY CO.OF PRINCETON, INC

195 NASSAU ST

PRINCETON NJ 08540

RE: RT 27

Block-Lot: 5.02-21-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O.BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 5.02-72-QFARM

SOMOGYI, THERESA

66 CHAIRVILLE RD.

MEDFORD, NJ 08055

RE: 4265 RT 27

Block-Lot: 5.02-1.02-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON NJ 08528

RE: CR 518

Block-Lot: 5.02-70-QFARM

COLLINS, LYNN V.

4251 RT 27

PRINCETON NJ 08540

RE: 4301 RT 27

Block-Lot: 5.02-11.01-QFARM

HIGGINS, CLIFFORD G., III

83 CR 518

PRINCETON, NJ 08540

RE: 83 CR 518

Block-Lot: 5.02-74-QFARM

CIRLINCIONE, CRAIG A

4279 RT 27

PRINCETON NJ 08540

RE: 4279 RT 27

Block-Lot: 5.02-71-QFARM

SOMOGYI, ANNA

66 CHAIRVILLE RD.

MEDFORD, NJ 08055

RE: 4259 RT 27

Date Printed: 12/6/2019

Page 3 of

3

Somerset County, New Jersey

### DEPARTMENT OF PLANNING AND ZONING

Planning - Zoning - Affordable Housing Planning Board - Zoning Board of Adjustment

Date: 12-6-19

200-RADIUS LIST



Municipal Building 475 DeMott Lane Somerset, NJ 08873 732.873.2500

Fax: 732.873.0844 www.franklintwpnj.org

As per the most up-to-date property listings available to the Township on the date indicated above, this letter will certify that the attached list contains the properties and property owners within 200 feet of the Subject Property identified below. Notice shall be provided to the property owners on the attached list per the requirements NJSA 40:55D-12.b.

SUBJECT PROPERTIES:

BLOCK 5.02 LOTS 11.02 ± 1.02

As per NJSA 40:55D-12.h, you must also notify the following registered agencies:

Right-of-Way Department

Buckeye Pipe Line Company

PO Box 368

Emmaus, PA 18049-0368

Business Manager

Comcast Cable

279 Amwell Road

Hillsborough, NJ 08844

Sunoco Pipeline LP

Right of Way Dept

Montello Complex

525 Fritztown Road

Sinking Spring PA 19608

Department Staff signature

NOTES: (1) Applicants are responsible for ensuring that the appropriate entities are notified per NJSA 40:55D-12.d. through g. (e.g., notice(s) to NJDOT, clerks of adjoining municipalities, etc.) and otherwise ensuring that all notice requirements of NJSA 40:55D-12 are satisfied. (2) If the site is located within 200-feet of another municipality, the applicant must seek the 200-foot radius list from the appropriate official in that municipality.



Parcel Offset List

Target Parcel(s): Block-Lot: 5.02-11.02-QFARM

TRAP ROCK INDUSTRIES, LLC

CR 518

Block-Lot: 5.02-1.02

TRAP ROCK INDUSTRIES, LLC

4415 ROUTE 27

Block-Lot: 5.02-1.02-QFARM TRAP ROCK INDUSTRIES, LLC

CR 518

32 parcels fall within 200 feet of this parcel(s).

Block-Lot: 5.02-26.01

HIGGINS, CLIFFORD G.JR, & JULIE

79 CR 518

PRINCETON, NJ 08540

RE: 73 CR 518

Block-Lot: 8-25.01

TOWNSHIP OF FRANKLIN

475 DEMOTT LN.

SOMERSET, NJ 08873

RE: 106 CR 518

Block-Lot: 8-27-X

SOMERSET COUNTY,

P.O. BOX 3000

SOMERVILLE, NJ 08876

RE: 114 CR 518

Block-Lot: 8-18.06

CORTESE, ANGELA & MICHAEL

311 WITHERSPOON STREET

PRINCETON, NJ 08542

RE: 92 CR 518

Block-Lot: 1.02-38.01

STATE OF NJ DEP%NJ STATE PARK SVC

BOX 404 - 501 E. STATE ST

TRENTON NJ 08625

RE: RT 27

Block-Lot: 1.02-39.01

STATE OF NJ DEP%NJ STATE PARK SVC.

BOX 404 - 501 E. STATE ST

TRENTON NJ 08625

RE: CR 518

Block-Lot: 8-6

COUNTY OF SOMERSET

PO BOX 3000

SOMERVILLE, NJ 08876

RE: 126 CR 518

Block-Lot: 8-24.03

GROSS, MICHAEL J & BARBARA J CONOVER

98 CR 518

PRINCETON NJ 08540

RE: 98 CR 518

Block-Lot: 8-24.04

JENSEN, PETER H.& MARY ANN CONOVER

94 CR 518

PRINCETON, NJ 08540

RE: 94 CR 518

Block-Lot: 1.02-34

STATE OF NJ DEP%NJ STATE PARK SVC.

BOX 404 - 501 E. STATE ST

TRENTON NJ 08625

RE: CR 518

Block-Lot: 7-1

STATE OF NJ DEP%NJ STATE PARK SVC.

BOX 404 - 501 E. STATE ST

TRENTON NJ 08625 RE: 1580 CANAL RD

Block-Lot: 5.02-11.01 HIGGINS, CLIFFORD G,III

83 CR 518

PRINCETON NJ 08540

RE: 83 CR 518

Block-Lot: 5.02-25

TRANSCONTINENTAL GAS PIPE LINE CO.

PO BOX 2400-MD46-4 TULSA, OK 74102

RE: CR 518

Block-Lot: 1.02-9.02

STATE OF NJ DEP% NJ STATE PARK SVC.

BOX 404-501 E. STATE ST.

TRENTON NJ 08625

RE: KINSTON-ROCKY HILL RD

Block-Lot: 5.02-171

KULLEY, LINDA & PARISI, DIANNE 141 OLD GEORGETOWN ROAD

PRINCETON NJ 08540 RE: 121 LAUREL AVE

Block-Lot: 1.01-9.01

TRAP ROCK INDUSTRIES, INC

LAUREL AVE

KINGSTON NJ 08528

RE: 100 LAUREL AVE

Block-Lot: 1.01-4

TRAP ROCK INDUSTRIES, INC

85 LAUREL AVE KINGSTON NJ 08528

RE: 122 LAUREL AVE

Block-Lot: 8-26

SOMERSET COUNTY.

P.O. BOX 3000

SOMERVILLE, NJ 08876 RE: 108 ROCKINGHAM Block-Lot: 5.02-18-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 5.02-20-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O.BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 5.02-23-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O.BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 5.02-172.04

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON NJ 08528

RE: 73 LAUREL AVE

Block-Lot: 5.02-21-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O.BOX 419

KINGSTON, NJ 08528

RE: CR 518

Block-Lot: 8-3

COUNTY OF SOMERSET

P.O. BOX 3000

SOMERVILLE NJ 08876

RE: 1457 CANAL RD

Block-Lot: 8-2

COUNTY OF SOMERSET

P.O. BOX 3000

SOMERVILLE NJ 08876

RE: 140 CR 518

Block-Lot: 5.02-173.03-QFARM

LAUREL AVENUE CORPORATION

PO BOX 419

KINGSTON NJ 08528

RE: 149 KINGSTON-ROCKY HILL

Date Printed: 12/6/2019 Page 2 of 3

Block-Lot: 5.02-26.01-QFARM

HIGGINS, LISBETH B

79 CR 518

PRINCETON, NJ 08540

RE: 73 CR 518

Block-Lot: 5.02-11.01-QFARM

HIGGINS, CLIFFORD G., III

83 CR 518

PRINCETON, NJ 08540

RE: 83 CR 518

Block-Lot: 5.02-171-QFARM

KULLEY, LINDA & PARISI, DIANNE

141 OLD GEORGETOWN ROAD

PRINCETON NJ 08540

RE: 157 KINGSTON-ROCKY HILL

Block-Lot: 1.01-9.01-QFARM

TRAP ROCK INDUSTRIES, INC

LAUREL AVE

KINGSTON NJ 08528

RE: 100 LAUREL AVE

Block-Lot: 1.01-4-QFARM

TRAP ROCK INDUSTRIES, INC

LAUREL AVENUE

KINGSTON NJ 08528

RE: KINGSTON-ROCKY HILL RD

Block-Lot: 5.02-172.04-QFARM

TRAP ROCK INDUSTRIES, LLC

P.O. BOX 419

KINGSTON, NJ 08528

RE: 73 LAUREL AVE

Date Printed: 12/6/2019 Page 3 of

1. Shapuni

## OWNER & ADDRESS REPORT

OLD BRIDGE TWP

# PROPERTIES WITHIN 200 FET OF BLOCK 5001 LOT 13.18 IN OLD BRIDGE TOWNSHIP

12/09/19 Page 1 of 1

BLOCK	LOT	QUAL	CI	THE PROPERTY LACATION	N (ماطال المعاد
5001	4.17		4		
5001	5.12		48	PARK MANAGEMENT C/O JOHNNY SPOT 3168 BORDENTOWN AVE 22 ORCHARD LN COLTS NECK NJ 07722	
5001	7.11		4A	RECLAMATION TECH % VIP HONDA INC 3333 BORDENTOWN AVE NORTH PLAINFIELD NJ 07060	
5001	7.13		1	RECLAMATION TECHNOLOGIES INC BORDENTOWN AVE 700 RT 22 E NORTH PLAINFIELD NJ 07060	
5001	13.12		4B	STAVOLA O.B. MATERIALS C/O DENARDO 1 WATER WORKS RD PO BOX 482 RED BANK NJ 07701	
5001	13.14		1	TRANSCONTINENTAL GAS PIPE LINE CO CHEESEQUAKE RD PO BOX 2400 MD 46-4 TULSA OK 74102	
5001	13.14	QFARM	3B	TRANSCONTINENTAL GAS PIPE LINE CO CHEESEQUAKE RD PO BOX 2400 MD 46-4 TULSA OK 74102	
5001	13.16		1	MANZO OLD BRIDGE PROPERTIES LLC CHEESEQUAKE RD 429 DELRAY DR LAVALLETTE NJ 08735	
5001	13.16	QFARM	3B	MANZO OLD BRIDGE PROPERTIES LLC CHEESEQUAKE RD 429 DELRAY DR LAVALLETTE NJ 08735	
5001	13.17		1	MANZO OLD BRIDGE PROPERTIES LLC CHEESEQUAKE RD 429 DELRAY DR LAVALLETTE NJ 08735	
5001	13.17	QFARM	3B	MANZO OLD BRIDGE PROPERTIES LLC CHEESEQUAKE RD 429 DELRAY DR LAVALLETTE NJ 08735	
5001	13.18		4A	TRANSCONTNTL GAS PIPE LINE MD 46-4 55 MANZO BLVD AD VALOREM TAX- POB 2400 TULSA OK 74102	
5001	13.18	QFARM	3B	TRANSCONTNTL GAS PIPE LINE MD 46-4 55 MANZO BLVD AD VALOREM TAX - POB 2400 TULSA OK 74102	
5001	17			RECLAMATION TECHNOLOGIES INC WATER WORKS RD 700 RT 22 EAST WORTH PLAINFIELD NJ 07060	

# The Borough Of Sayreville

## TAX ASSESSOR'S OFFICE

167 MAIN STREET • SAYREVILLE, NJ 08872 TEL: 732-390-7080 • FAX 732-651-3159

List of property owners within a 200' radius of Block 538 Lot 9.02 (Additional Lots 19.01, 20, 26, 26.01 & 27, and Block 538.01 Lot 10) (Williams):

BLOCK LOT	538 1.01	Spencer & Ellen Banner 130 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 4	Raymond M. Drill 122 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 5	Steven Jobmann & Elizabeth Chavez-Jobmann 120 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 6	Valerie Smith I 18 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 8.01	Deborah Savino-Heinz & Kevin Heinz (Estate) 140 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 8.02	Martin Plastiak 136 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	538 9.01	Joseph Beninato, Inc. 170 Old Spye Road South Amboy, NJ 08879
BLOCKS LOTS	538; 538.01; 538.02 13; 12; 11	Lockwood Marina, LLC 1825 Highway 35 South Amboy, NJ 08879

Succeed in Sayreville

Sayreville is an Equal Opportunity Employer

BLOCK LOT	538 15.01	1831-1851 Highway 35, LLC c/o Pravco, Inc. 245 Wescott Avenue Rahway, NJ 07065
BLOCK LOTS	538 18 & 17	Lockwood Marina, LLC 1825 Highway 35 South Amboy, NJ 08879
BLOCK LOT	538 19.03	ACG Properties, LLC 1819 Highway 35 South Amboy, NJ 08879
BLOCK LOT	538 21.01	Central Jersey Starter & Alternator 1809 Highway 35 South Amboy, NJ 08879
BLOCK LOT	538 22	Joseph & Lori Gatti 79 Heights Terrace Middletown, NJ 07748
BLOCK LOTS	538 24, 25 & 23	Sayreville Realty Investments, LLC 1050 Wall Street West, #630 Lyndhurst, NJ 07071
BLOCK LOTS	539 96-109 & 201	Transcontinental Gas Pipe Line Company PO Box 2400, MD 46-4 Tulsa, OK 74102-2400
BLOCK LOT	543 125.01	Margaret Kovics & Cynthia Walker 5 Fearey Place South Amboy, NJ 08879
BLOCK LOTS	543 127 & 200	Cesar A. & Egley C. Moreira 3 Fearey Place South Amboy, NJ 08879
BLOCK LOTS	543 128 & 129	Thelda Frontin-Stockton I Fearey Place South Amboy, NJ 08879
BLOCK LOTS	543 130 & 131	Marco Silva and Danny Silva 155 Old Spye Road South Amboy, NJ 08879

BLOCK LOTS	543 132-137	Borough of Sayreville 167 Main Street Sayreville, NJ 08872
BLOCK LOTS	544 152-154	Elaine Lopez Family Trust c/o Elaine Lopez 10 Second Street South Amboy, NJ 08879
BLOCK LOTS	544 155-157	Mary Ann Rettino 139 Old Spye Road South Amboy, NJ 08879
BLOCK LOTS	544 158-160	Robert Carl Wojtkowiak 145 Old Spye Road South Amboy, NJ 08879
BLOCK LOTS	544 161 & 162	Brian Welsh & Maria V. Mulkay 147 Old Spye Road South Amboy, NJ 08879
BLOCK LOTS	544 163-165	Mark Zadlock & Darlene Barchowski 2 Fearey Place South Amboy, NJ 08879
BLOCK LOTS	545 177 & 178	Joseph A. Scully 15 Applegate Place South Amboy, NJ 08879
BLOCK LOTS	545 179 & 180	Joseph Patrick & Rose Ann Prieto 131 Old Spye Road South Amboy, NJ 08879
BLOCK LOT	545 181.01	Lisa Killeen I Second Street South Amboy, NJ 08879
BLOCK LOT	545 181.02	Michael Frank 3 Second Street South Amboy, NJ 08872
BLOCK LOTS	545 185 & 199	Zakir Hussain Abdul Majeed 7855 Boulevard East #30D North Bergen, NJ 07047

-4-

BLOCK LOT	546 193	Angelika Dolata 1011 Morgan Avenue South Amboy, NJ 08879
BLOCK LOTS	546 194 - 196	Jennifer B. Werdman 10 Applegate Place South Amboy, NJ 08879
BLOCK LOTS	547 1, 2, 2.01 & 2.02	Lockwood Group, LLC 1825 Highway 35 South Amboy, NJ 08879
ACCESS EASEMENT	•	Central Jersey Starter & Alternator 1809 Highway 35 South Amboy, NJ 08879
UTILITY EASEMENT	•	Jersey Central Power & Light Company Tax Department 800 Cabin Hill Drive Greensburg, PA 15601
EASEMENT		Transcontinental Gas Pipeline Corporation P.O. Box 1396 Houston, TX 77251
RIGHT OF WAY		Borough of Sayreville 167 Main Street Sayreville, NJ 08872

NOTE: In order to complete the 200' radius, a list of property owners in the Township of Old Bridge must also be obtained.

Verizon

P.O. Box 152206 Irving, TX 75015

This is to certify that the preceding list of names, addresses and block and lot numbers are, to the best of my knowledge, within a 200' radius of property known as Block 538 Lot 9.02 (Additional Lots 19.01, 20, 26, 26.01 & 27, and Block 538.01 Lot 10), on the official tax map for the Borough of Sayreville.

Dated: December 17, 2019

**RIGHT OF WAY** 

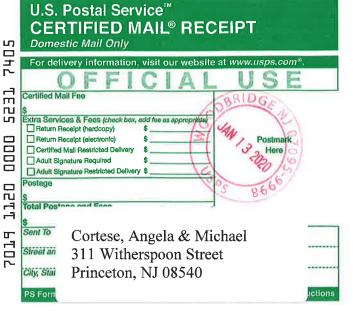
Joseph J. Kupsch, Jr.

Tax Assessor





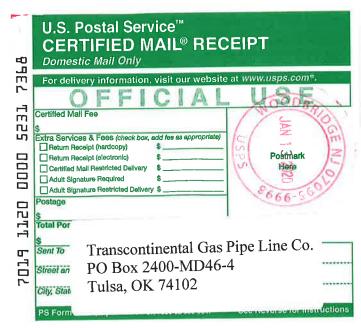




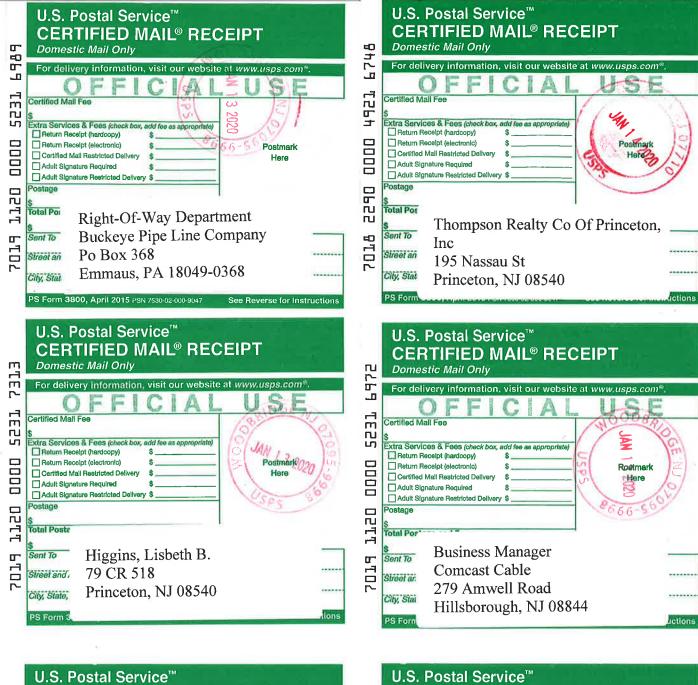




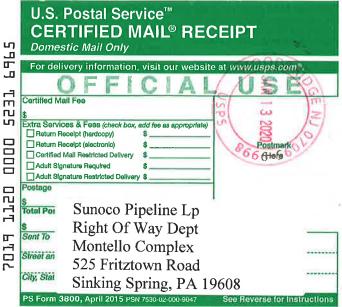








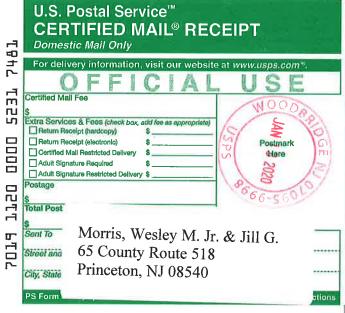






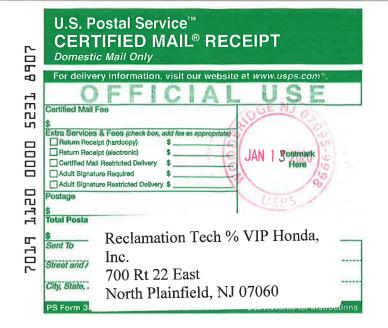






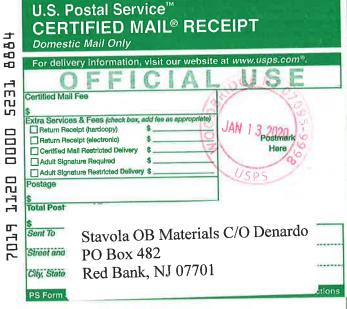
























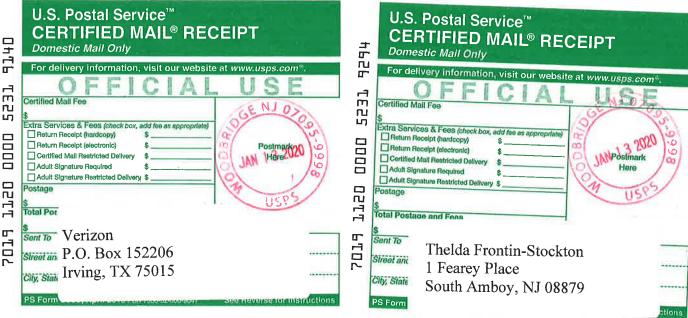


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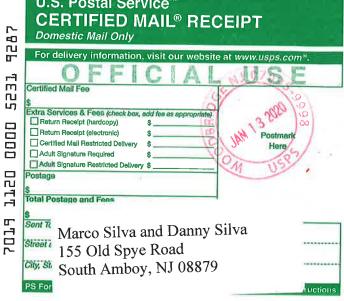


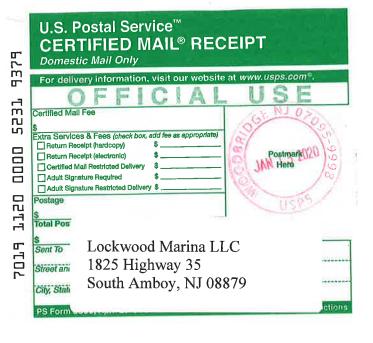






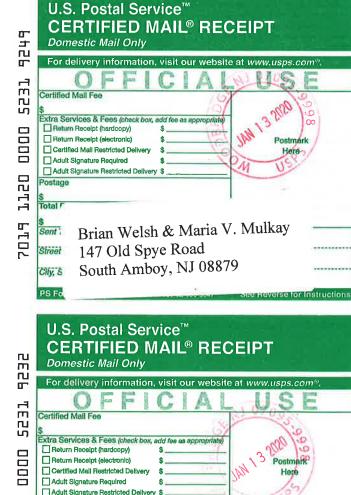












Zadlock

South Amboy, NJ 08879

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Darlene

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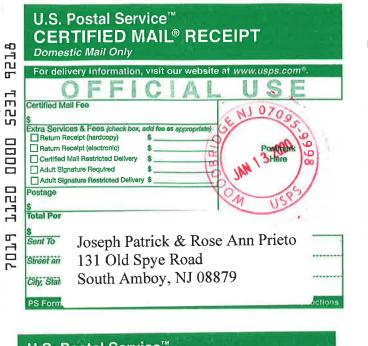
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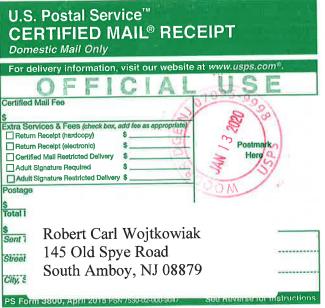
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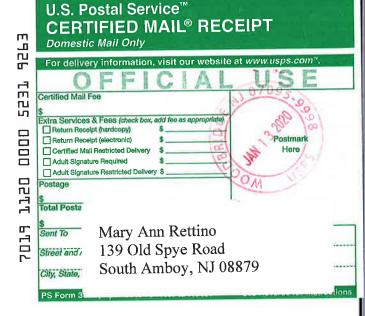


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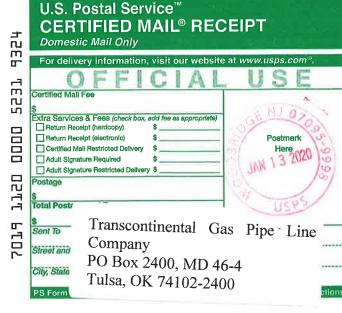
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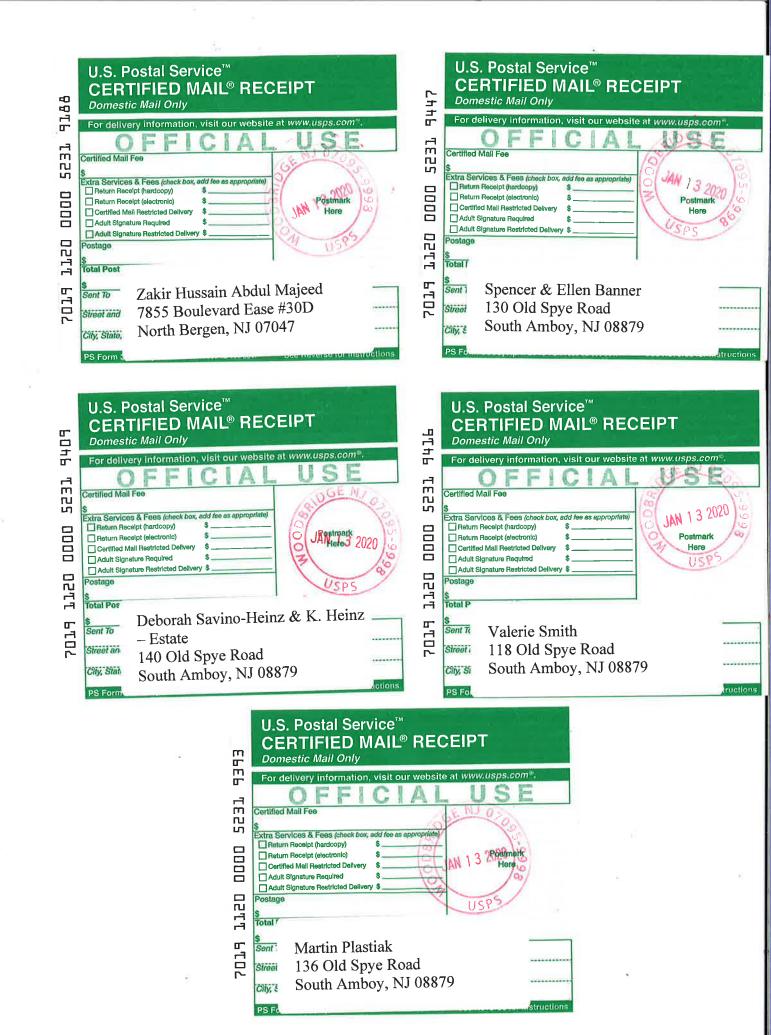


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