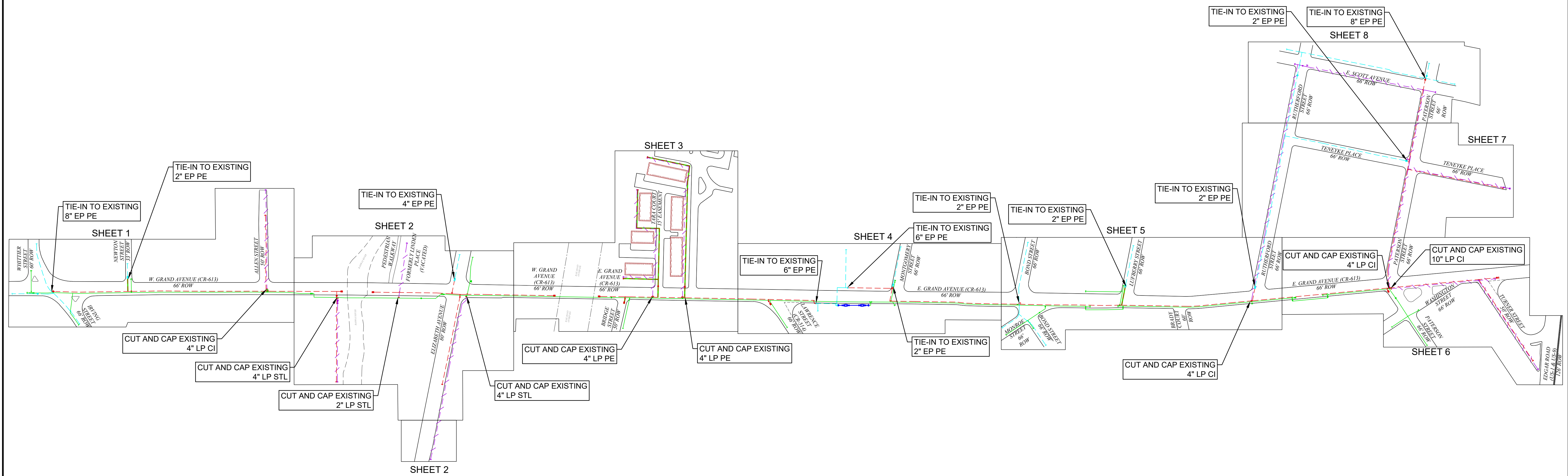


- General Notes:**
- The proposed EP mains and services will operate at 25 psig max. and be air tested to a minimum of 100 psig to establish a 60 psig MAOP in this section of our system for future upgrade if needed.
 - All proposed valves will be designated, "Other" unless specified otherwise.
 - Existing pipe information (wt. coating, grade, SDR, manufacturer, etc.) is indicated at tie-ins if known.
 - All meters to be moved outside as per OPM Division III, Section 12.2.1.
 - Contact the Corrosion Dept. (Bill Vezzosi) prior to any steel main work including:
 - The installation of new or replacement steel main
 - A tie-in to a steel main
 - A cut and cap on a steel main



SHEET INDEX		
SHEET	DESCRIPTION	DATE
K-01	KEY SHEET	1/6/2023
C-01	ALIGNMENT SHEET 1 - ALLEN STREET, W. GRAND AVENUE, NEWTON STREET	1/6/2023
C-02	ALIGNMENT SHEET 2 - ELIZABETH AVENUE, W. GRAND AVENUE	1/6/2023
C-03	ALIGNMENT SHEET 3 - BRIDGE STREET, E. GRAND AVENUE, W. GRAND AVENUE, TARA COURT	1/6/2023
C-04	ALIGNMENT SHEET 4 - LAWRENCE STREET, E. GRAND AVENUE, MONTGOMERY STREET	1/6/2023
C-05	ALIGNMENT SHEET 5 - E. GRAND AVENUE, LUFBERRY STREET, RUTHERFORD STREET	1/6/2023
C-06	ALIGNMENT SHEET 6 - E. GRAND AVENUE, PATERSON STREET, TURNER STREET	1/6/2023
C-07	ALIGNMENT SHEET 7 - TENEYKE PLACE, PATERSON STREET, RUTHERFORD STREET	1/6/2023
C-08	ALIGNMENT SHEET 8 - PATERSON STREET, RUTHERFORD STREET, E. SCOTT AVENUE	1/6/2023

REPLACEMENT MAIN SUMMARY	
PE MAIN (FT)	1,209
HP MAIN (FT)	6,773
TOTAL NEW MAIN (FT)	7,982
FINAL PE MAIN (%)	15

LEGEND:

	BORED VALVE		BURIED VALVE		END CAP		TRANSITION FITTING		BLANK FLANGE
	CUT-IN		REGULATED COUPLING		NON-REGULATED COUPLING		PIPE CROSSING		SWAY SPHERICAL TEE CONTINUATION LINE
	PROPOSED MAIN		PROPOSED NON-HP MAIN		EXISTING LP MAIN (8" W.C. NODP, 14" W.C. MAOP)		EXISTING HP MAIN (25 PSIG NODP, 25 PSIG MAOP)		EXISTING HP MAIN (125 PSIG NODP, 125 PSIG MAOP)
	RETIRED MAIN		MAIN TO BE RETIRED (APE #)		RETIRED SERVICE LINE		PROPOSED EP MAIN (AFEW:)		REGULATOR FIT MAIN
	REGULATOR		REGULATOR BOX		LIQUID SEAL TANK				

MAIN INSTALL		MAIN RETIREMENT	
SIZE / PRESSURE / MATERIAL	FOOTAGE	SIZE / PRESSURE / MATERIAL	FOOTAGE
2" EP PE	2,446	4" LP CI	2,922
4" EP PE	1,066	10" LP CI	296
6" EP PE	4,470	4" LP PE	1,059
		2" LP STL	180
		3" LP STL	267
		4" LP STL	550

NOTE TO CONTRACTOR:
 BEFORE PERFORMING ANY WORK, THE CONTRACTOR SHALL CONTACT THE "DIG NUMBER" (PHONE 800-272-1000) FOR A MARK-OUT OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE "DIG NUMBER" AND TO ASCERTAIN THE LOCATION OF ALL UNDERGROUND CONSTRUCTION IN THE AREA OF THE PROJECT.

THE CONTRACTOR SHALL CONDUCT TEST PITS TO VERIFY THE LOCATIONS OF UNDERGROUND UTILITIES WHERE POTENTIAL CONFLICTS MAY OCCUR OR WHERE DISCREPANCIES ARE PRESENT BETWEEN THE PLAN AND UNDERGROUND UTILITY MARK-OUTS.

THESE TEST PITS SHALL BE IN ADDITION TO THE SPECIFIED TEST PIT LOCATIONS AS DENOTED ON THE PLANS AND SHALL NOT BE LIMITED TO EXCAVATION SOLELY BUT INCLUDE ANY ADDITIONAL MEANS TO DETERMINING THE LOCATION OF UTILITIES IN QUESTION.

ONE CALL

CALL BEFORE YOU DIG
 1-800-272-1000

TO LOCATE UNDERGROUND UTILITIES
 IF YOU'RE GOING TO DIG, BLAST OR DRILL
 THREE (3) WORKING DAYS NOTICE

REMEMBER
IT'S THE LAW!

Dig Safely.

SE SUBURBAN CONSULTING ENGINEERS, INC.

REVISION TABLE	
#	DESCRIPTION

ELIZABETHTOWN GAS
 520 GREEN LANE, UNION, NJ 07083

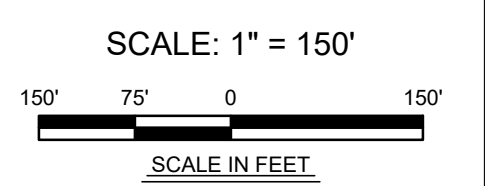
E. AND W. GRAND AVENUE RAHWAY IIP PROJECT
 COUNTY OF UNION

CITY OF RAHWAY SHEET TITLE: **KEY SHEET** SHEET NUMBER: **K-01**

DRAWN BY: **NC** DATE: **01/06/2023** IIP AFE#WOF: **200410 / 6042012**

CHECKED BY: **MM** SCALE: **1" = 150'** NON-HP AFE#WOF: **200411 / 6042036**

APPROVED BY: **MM** SHEET **1** OF **1** RETIREMENT AFE#WOF: **500006 / 6166256**



DRAWING LOCATION: G:\JAF\FolderA-Elizabethtown Gas\782 ETG - Contracted Project Design\E and W Grand Avenue, Rahway\E. and W. Grand Avenue, Rahway - C&D Drawing.dwg
 LAST DATE SAVED: 1/6/2023
 LAST SAVE BY: gkostamakis