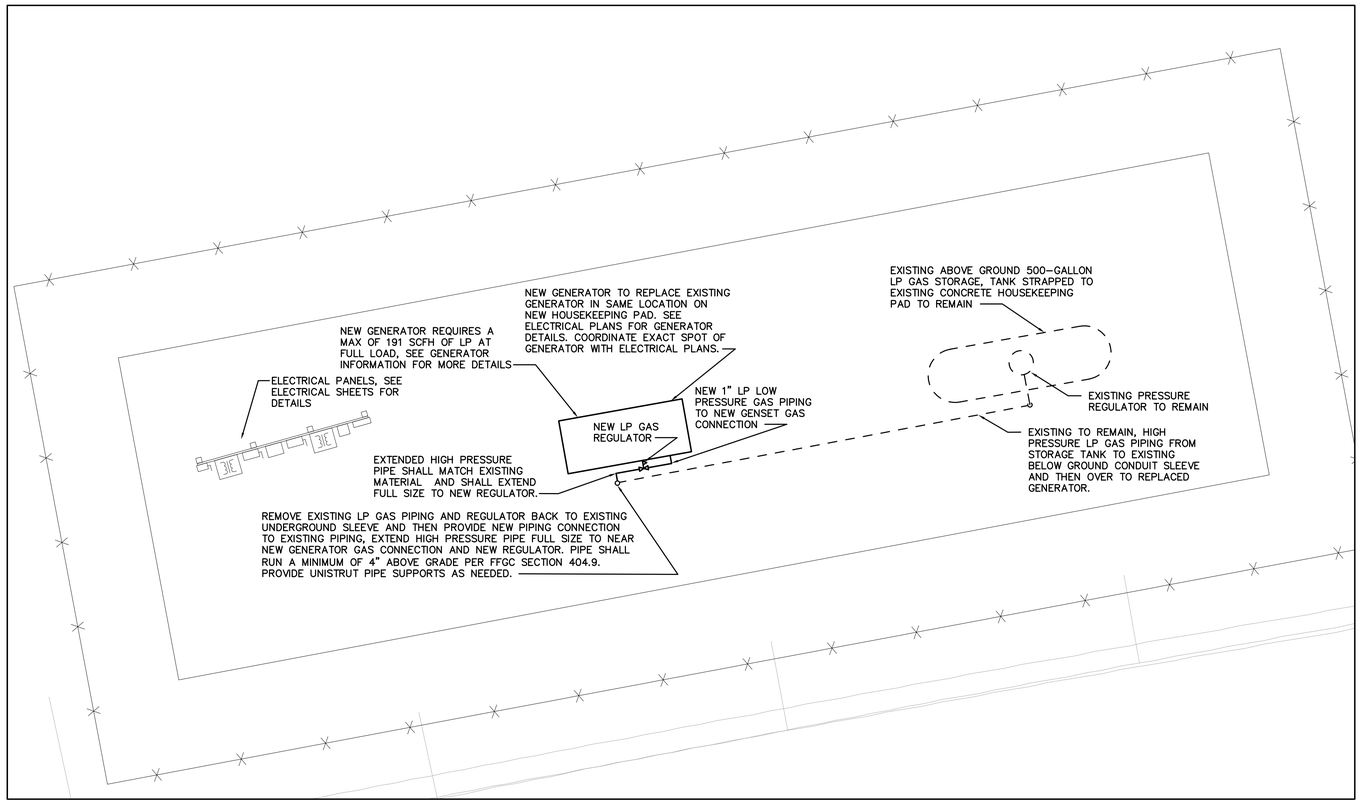


GENERATOR AT 34TH STREET SITE PLAN – FUEL GAS

SCALE: 1/4"=1'-0"

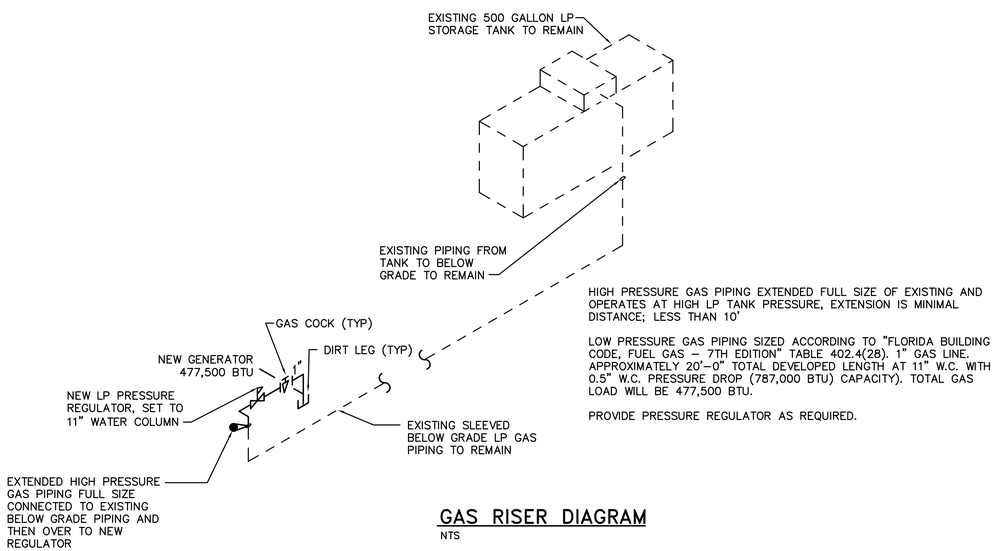
1016.00

FUEL GAS GENERAL NOTES

- ALL PLUMBING WORK SHALL MEET ALL THE REQUIREMENTS OF THE "2020 FLORIDA FUEL GAS CODE, PLUMBING – 7TH EDITION"
- REVIEW PLANS OF ALL TRADES PRIOR TO BIDDING AND INSTALLATION TO INCLUDE ALL PLUMBING FOR COMPLETE SYSTEMS SHOWN ON THE PLANS AND AS REQUIRED.
- COORDINATE WITH OTHER TRADES TO PREVENT INTERFERENCE WITH OTHER TRADE WORK.
- ALL CHANGES SHALL BE APPROVED BY THE ENGINEER.
- COORDINATE WITH THEA AND ENGINEERING DRAWINGS BEFORE ROUGHING–IN.
- VERIFY LOCATION OF EXISTING GAS SERVICE AND THE LOCATION OF NEARBY UTILITIES PRIOR TO INSTALLATION.
- IT IS IN THE INTENT OF THESE DRAWINGS TO COVER ALL WORK AND MATERIAL. ANY EQUIPMENT, PLUMBING FIXTURE, TRIM HARDWARE AND/OR DEVICES USUALLY UTILIZED IN THE CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THESE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE ENGINEER) SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AS PART OF HIS TOTAL WORK.
- ALL WORK, BOTH MATERIAL AND INSTALLATION, SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER.
- ABOVE GROUND GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL. EXPOSED PIPING SHALL BE PAINTED YELLOW WITH (2) COATS OF A CORROSION INHIBITING PAINT.
- CONNECTIONS OF PIPING WITH DISSIMILAR METALS SHALL HAVE THE PROPER DIALECTIC FITTINGS TO INHIBIT CORROSION.

FUEL GAS LEGEND

DESCRIPTION	ABBREV.	SYMBOL
NEW GAS PIPING	G	
GAS COCK	GC	
EXISTING GAS PIPING	G	



HIGH PRESSURE GAS PIPING EXTENDED FULL SIZE OF EXISTING AND OPERATES AT HIGH LP TANK PRESSURE, EXTENSION IS MINIMAL DISTANCE; LESS THAN 10'

LOW PRESSURE GAS PIPING SIZED ACCORDING TO "FLORIDA BUILDING CODE, FUEL GAS – 7TH EDITION" TABLE 402.4(28). 1" GAS LINE. APPROXIMATELY 20'-0" TOTAL DEVELOPED LENGTH AT 11" W.C. WITH 0.5" W.C. PRESSURE DROP (787,000 BTU) CAPACITY). TOTAL GAS LOAD WILL BE 477,500 BTU.

PROVIDE PRESSURE REGULATOR AS REQUIRED.

GAS RISER DIAGRAM

NTS

Shane R Hamilton
2022.01.12 15:55:07 '00'05-

SHANE R. HAMILTON LICENSE No 75420 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been electronically signed and sealed by Shane R. Hamilton, PE using a digital signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Issue / Revision:

No.	Date:	Description:

Engineer: SHANE R. HAMILTON, PE FLORIDA LICENSE #75420

- TO THE BEST OF THE ENGINEER'S KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.
- THIS DOCUMENT IS VALID FOR 12 MONTHS FROM DATE OF ENGINEER'S SIGNATURE AND SEAL.
- HAMILTON ENGINEERING, INC. (HEI) MAINTAINS INTELLECTUAL AND PHYSICAL RIGHTS TO THIS DOCUMENT AND ITS CONTENT AND PROHIBITS ITS PUBLISHING, DISCLOSURE OR REPRODUCTION WITHOUT CONSENT.

Consultant:

Engineering Professionals, Inc.
Hamilton Company
912 N. Dr. Martin Luther King, Jr. BLVD
Tampa, FL 33603 (813) 251-4848

Project Name: ITS GENERATOR REPLACEMENT DESIGN
34TH STREET SERVICE

Sheet Title: FUEL GAS SITE PLAN

Project No.:	2010D
Issue Date:	01.13.2022
Drawn By:	ES
Checked By:	SRH
Sheet No.:	P1.0