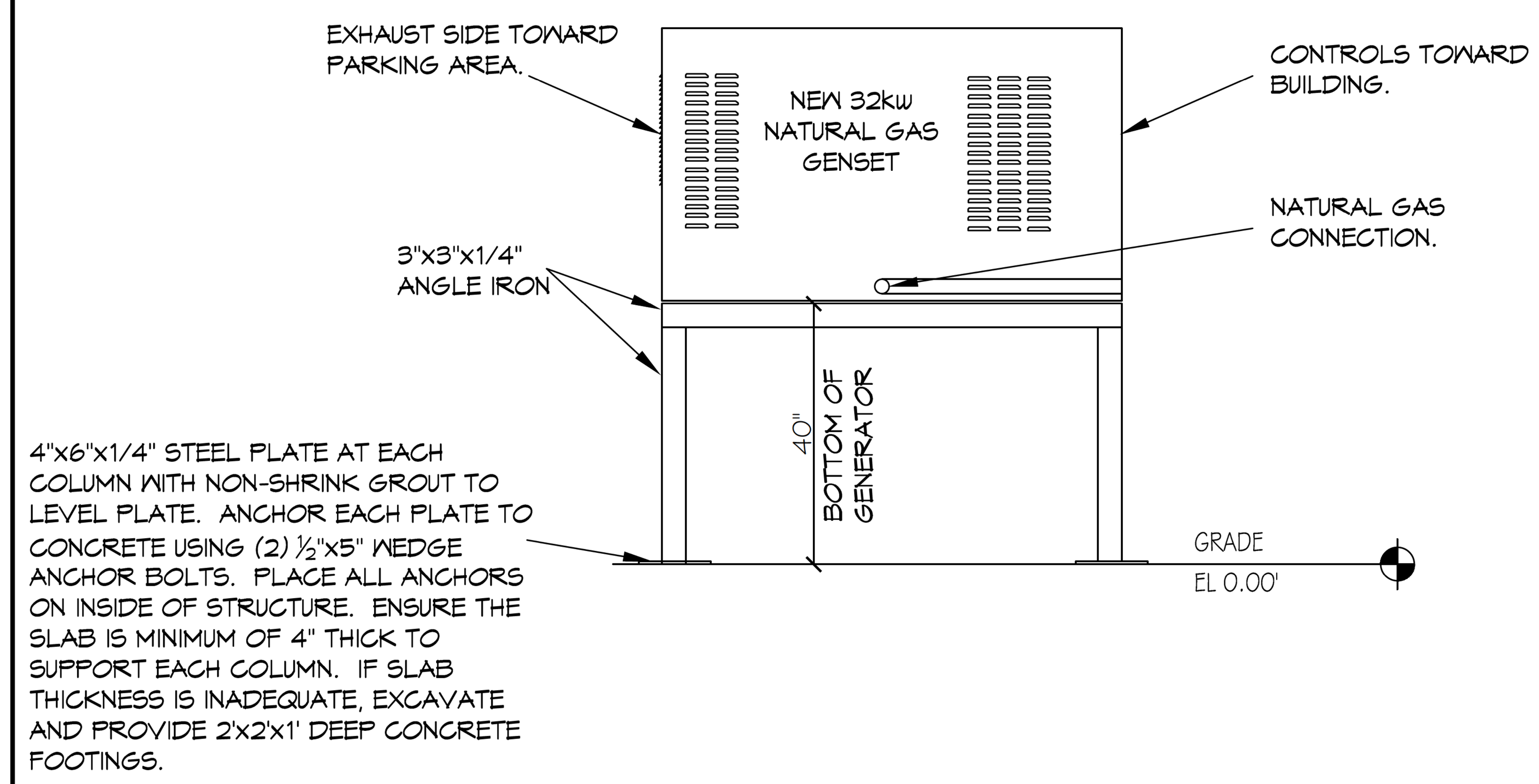
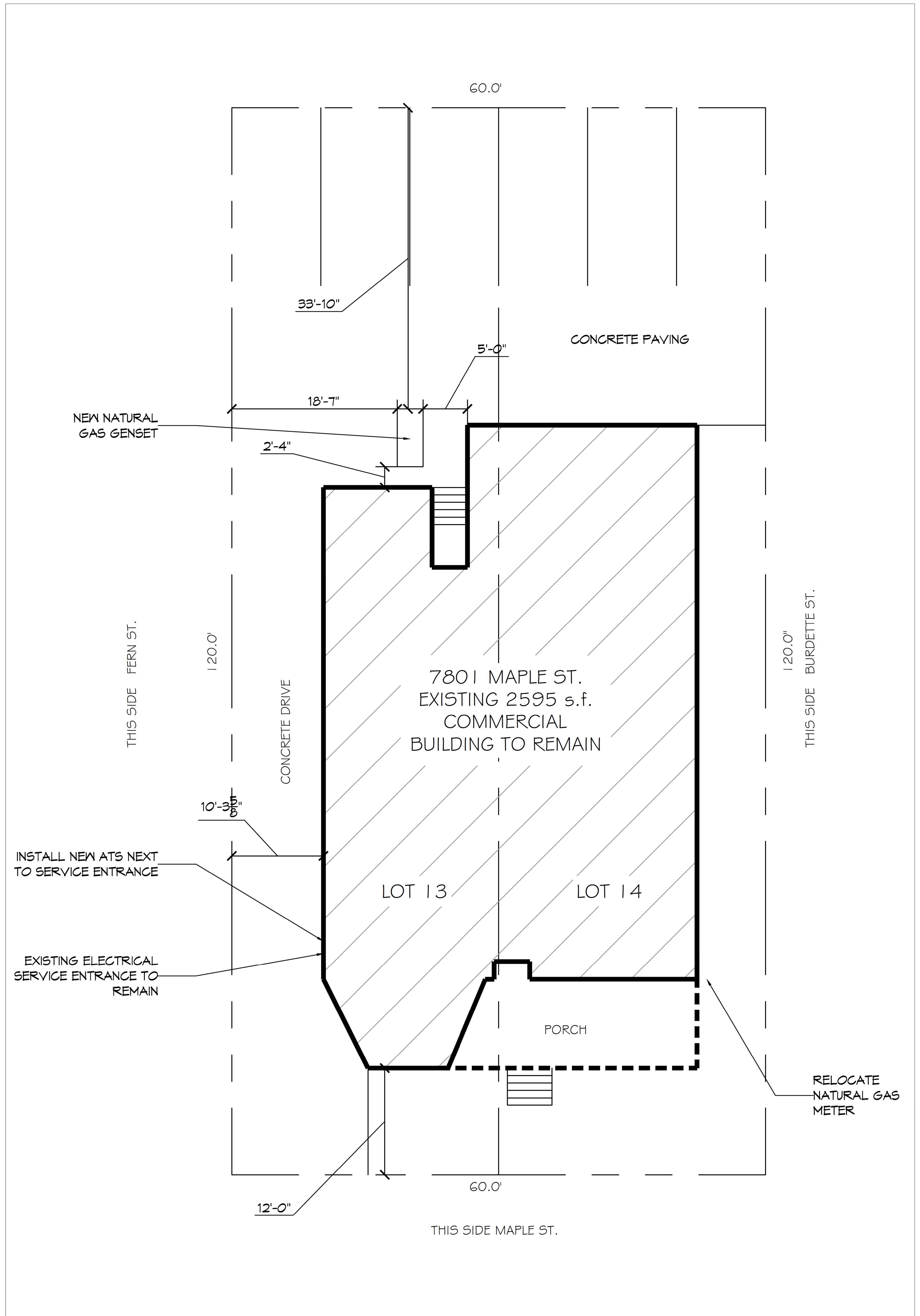
TITLE STREAM

NEW OPTIONAL STANDBY GENERATOR





SITE PLAN

SCALE: 1/8" - 1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL INSTALL A COMPLETE SYSTEM TO PROVIDE CONTINUOUS POWER TO MATCH THE EXISTING ELECTRICAL SERVICE. CONTRACTOR SHALL PROVIDE A 120/240V 1Ø - 32 KW GENERATOR THAT OPERATES ON NATURAL GAS WITH AN AUTOMATIC POWER TRANSFER SWITCH (ATS) RATED AT 240V 200A, THE ATS SHALL BE SERVICE ENTRANCE RATED. THE ATS SHALL HAVE A NEMA 3R ENCLOSURE.
2. CONTRACTOR IS TO SUPPLY AND INSTALL A STEEL PLATFORM CAPABLE OF SUPPORTING THE GENERATOR SUPPLIED.
3. CONTRACTOR TO SECURELY ATTACH GENERATOR TO PLATFORM PER THE MANUFACTURES GUIDELINES TO WITHSTAND 144 MPH WINDS AND THEFT.
4. CONTRACTOR TO VERIFY ALL SITE CONDITIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
5. MATERIALS SHALL BE NEW AND U.L. LISTED.
6. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
7. CONSTRUCTION SHALL COMPLY WITH ALL CITY, STATE AND LOCAL CODES.
8. CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR.
9. CONTRACTOR IS TO PROTECT ALL EXPOSED EXTERIOR STRUCTURAL STEEL, PLATFORM.

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE

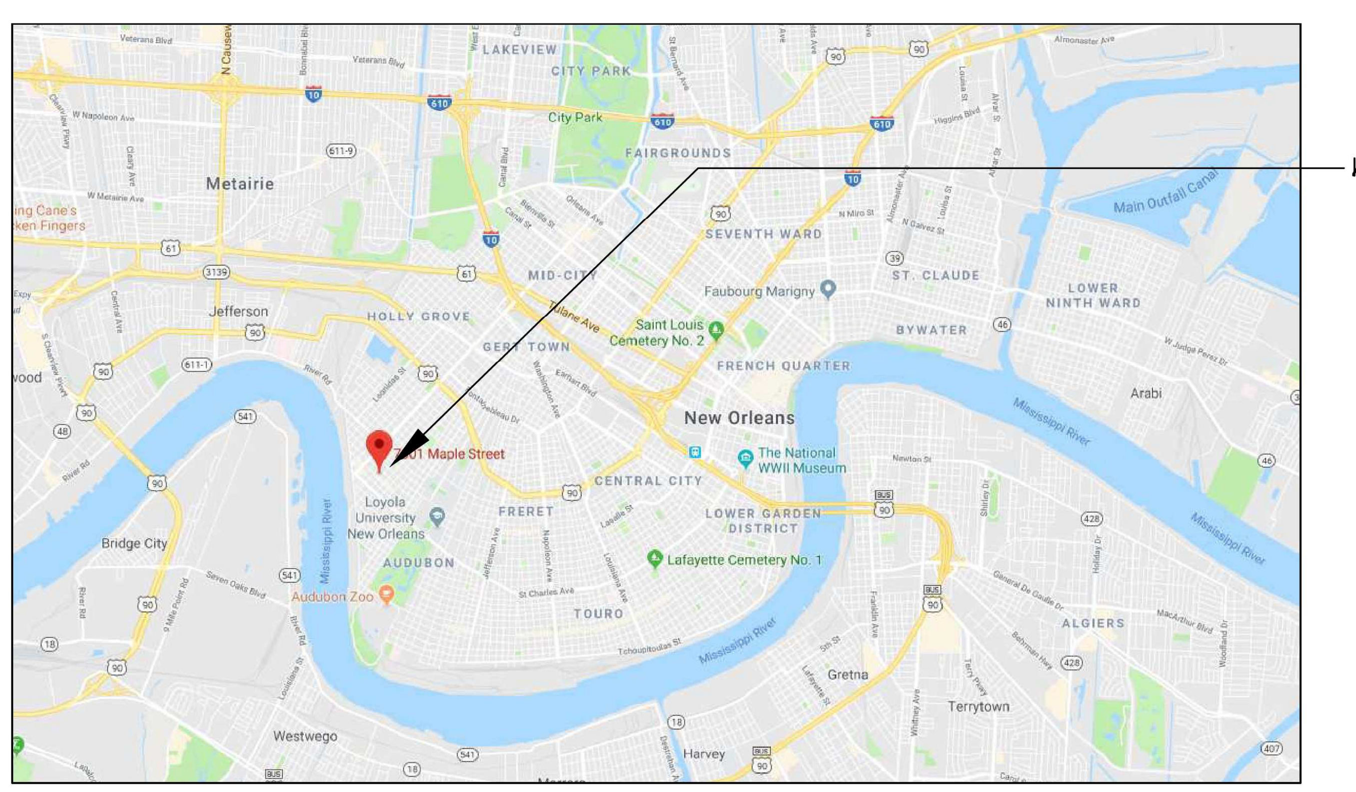
PROJECT LOCATION:

7801 MAPLE ST. NEW ORLEANS, LA 70118

PROPERTY DESCRIPTION : SQ 96 LOTS 13 & 14 MAPLE & BURDETTE 60 x 120, SURVEY BY SAM SCANDALIATO, LAND SURVEYOR, DATED DECEMBER 27, 1990.

APPLICABLE CODES:

NFPA 70 NATIONAL ELECTRICAL CODE, 2014
NFPA 101 LIFE SAFETY CODE, 2015
NFPA, 110 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2016
INTERNATIONAL FUEL GAS CODE, 2015



VICINITY MAP

SCALE: N.T.S.

DAMMON ENGINEERING, INC.
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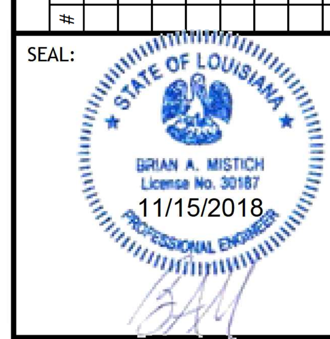
#	DESCRIPTION	REVISIONS	DATE

SEAL:



NEW OPTIONAL STANDBY GENERATOR

T I T L E S T R E A M

7801 MAPLE ST.
NEW ORLEANS, LA 70118

JOB No:	2358	DATE:	11/1/2018
DRAWN BY:	DPD	CHECKED BY:	BM

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SHEET TITLE:

COVER SHEET

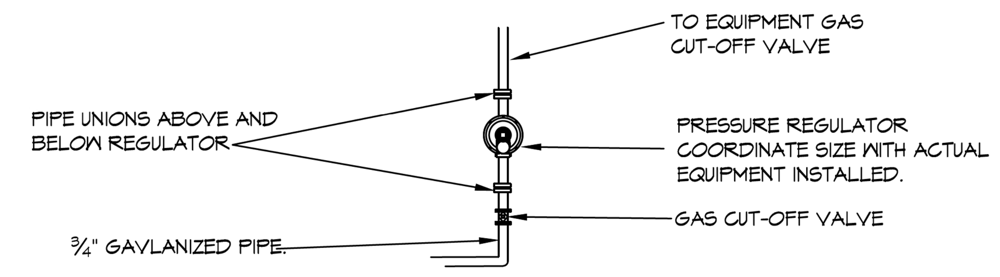
DRAWING NUMBER:

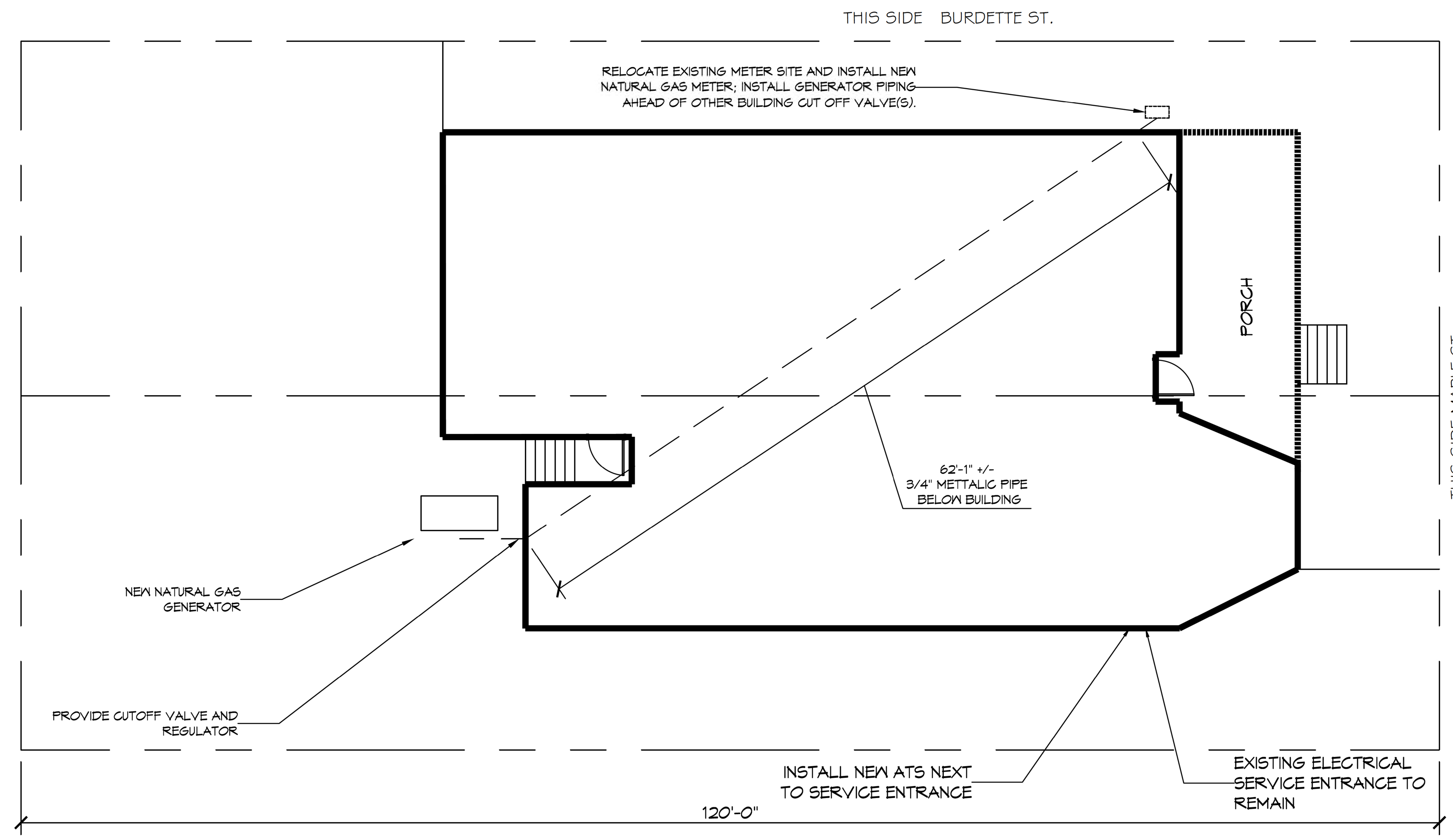
TS-1

SHEET No: 1 of 2

PLUMBING GENERAL NOTES:

1. WHEN GAS PIPING IS TO BE OPENED FOR SERVICING, ADDITION, OR MODIFICATION, THE SECTION TO BE WORKED ON SHALL BE TURNED OFF FROM THE GAS SUPPLY AT THE NEAREST CONVENIENT POINT, AND THE LINE PRESSURE VENTED TO OUTDOORS. THE REMAINING GAS SHALL BE DISPLACED WITH AN INERT GAS AS REQUIRED.
2. ATTACH ALL PIPES TO BUILDING STRUCTURE TO WITHSTAND 144 MPH WIND.
3. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HANGERS, VALVES AND SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
4. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
5. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK.
6. ALL PIPING MUST BE INSPECTED AND TESTED AT REQUIRED PRESSURE FROM THE NEW METER TO THE NEW GENERATOR USING AN APPROVED METHOD.
7. CONTRACTOR SHALL UPGRADE THE NATURAL GAS SERVICE TO MEET THE SERVICE DEMANDS OF THE NEW GENERATOR AND EXISTING CONDITIONS.
8. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
9. ALL METALLIC PIPE SHALL HAVE SMOOTH BENDS FREE OF BUCKLING AND SHALL ONLY BE MADE USING BENDING TOOLS SPECIFICALLY FOR THAT USE.
10. ALL METALLIC PIPE BENDS SHALL NOT EXCEED 90° WITH THE INSIDE BENDING RADIUS NOT LESS THAN SIX TIMES THE OUTSIDE DIAMETER OF THE PIPE.
11. PRIOR TO TURNING THE GAS ON ALL NEW PIPING WILL BE PURGED WITH AN INERT GAS AND THE ENTIRE SYSTEM WILL BE VISUALLY INSPECTED FOR ANY OPEN FITTINGS AND THAT CUT-OFF VALVES AT EACH EQUIPMENT LOCATION ARE CLOSED.
12. ALL METALLIC PIPE SHALL BE A MIN. STANDARD OF SCH.40 AND SHALL COMPLY WITH ONE OF THE FOLLOWING STANDARDS. ASME B 36.10, 10M; ASTM A 53; ASTM A 106.

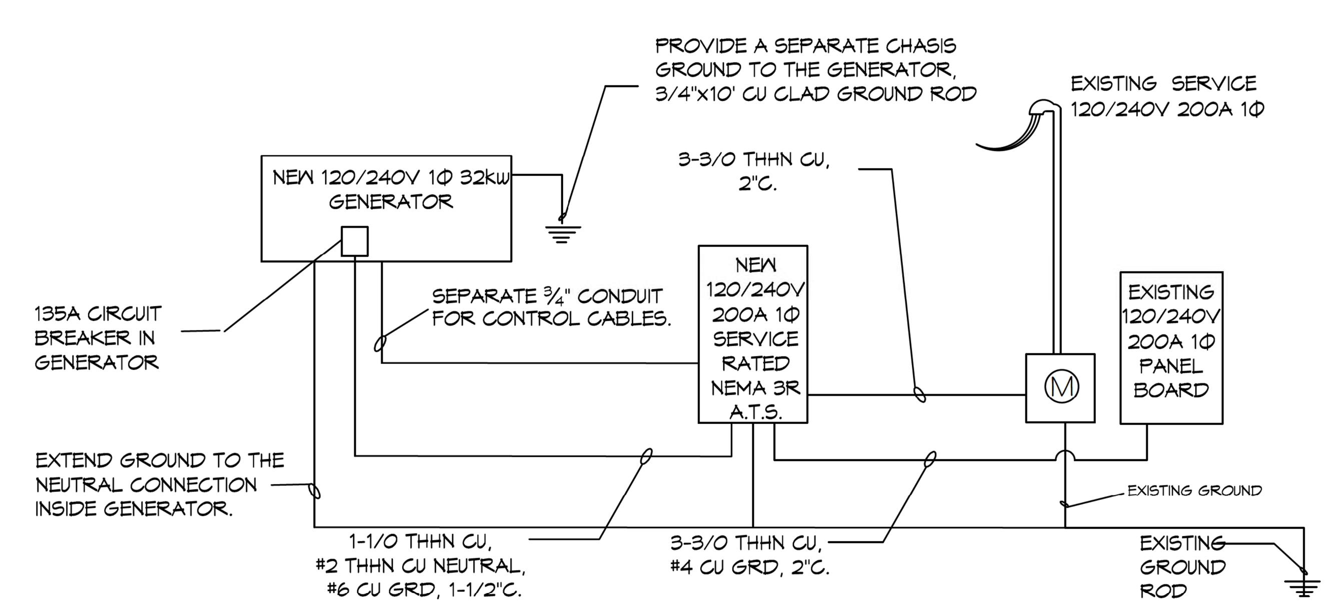




ELECTRICAL NOTES:

1. CONTRACTOR IS TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND INSTALL A NEW 240V 1Ø 200A SERVICE RATED AUTOMATIC TRANSFER SWITCH (ATS) CAPABLE OF DISCONNECTING THE INCOMING SERVICE. THE EXISTING DISCONNECTS WILL BE RECONNECTED AFTER THE ATS.
2. ATTACH THE NEW ATS, GENERATOR AND ALL CONDUITS TO WITHSTAND 144 MPH.
3. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE, AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
4. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
5. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED.
6. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
8. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM FOR THE BUILDING.
9. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" RIGID ALUMINUM FOR EXTERIOR USE.
11. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. INSTALL GROUND FAULT RECEPTACLES AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
13. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71, & 250-72.
14. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
15. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.

NEW EQUIPMENT



4 Oneline Diagram
Scale: Not To Scale

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
11/15/2018
PROFESSIONAL ENGINEER

NEW OPTIONAL STANDBY GENERATOR

T I T L E S T R E A M

7801 MAPLE ST.
NEW ORLEANS, LA 70118

JOB No:	2358	DATE:	11/1/2018
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SHEET TITLE:

ELECTRICAL & PLUMBING

DRAWING NUMBER:

E&P-1