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NOTE:
EXPOSED PLUMBING PIPING IS NOT ALLOWED. ALL PLUMBING PIPING SHALL RUN UNDERGROUND, INSIDE CEILING SPACE, INSIDE COLUMN OR INSIDE WALL. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.

NOTE:
1. COORDINATE ALL WATER CLOSET SAN LINE EXACT LOCATION IN FIELD W/ PLUMBING FIXTURE. PRIOR TO ROUGH-IN. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.
2. COORDINATE ALL PLUMBING FIXTURE'S SAN LINE EXACT LOCATION IN FIELD W/ PLUMBING FIXTURE. PRIOR TO ROUGH-IN. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.

NOTE:
ALL POOL DRAWINGS MUST COMPLY WITH FBC P 2020.

NOTE:
ALL EQUIPMENT SHALL BE INSTALLED ABOVE FLOOD LEVEL. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.

GENERAL NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SEPTIC TANK SYSTEM IN ACCORDANCE WITH THIS DRAWING, THE APPLICABLE EDITION OF CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE, STANDARDS FOR ON SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.
- THE CONTRACTOR SHALL PAY ALL COST OF PERMIT, INSPECTIONS AND OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK. UPON FINAL INSPECTION, A CERTIFICATE FROM THE LOCAL STATE INSPECTION AUTHORITY SHALL BE FURNISHED TO THE OWNER.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND MUST BE FURNISHED SO AS TO PREVENT ANY DELAY IN THE PROGRESS OF THE WORK.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL OF ALL EQUIPMENT, MATERIALS AND LAYOUTS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY ALL SPACE CONDITIONS AND DIMENSIONS AT JOB SITE PRIOR TO FABRICATION AND INSTALLATION OF MATERIALS, PIPING AND EQUIPMENT.
- COORDINATE WORK WITH OTHER TRADES.
- PROVIDE PIPING AS FOLLOWS:
DRAIN FIELD: PE PLASTIC PERFORATED FIELD TUBING 4" DIAMETER.
SANITARY PIPING & CONNECTIONS: SEE PLUMB. SPECS

● SOIL TEST

CHAMBER (TYPE & SIZE)	TRENCH (WIDTH)	RATING (SF / CHAMBER)
ARC 24 22"X60"X12"	24"	15 SF
PROVIDE 44 CHAMBER SYSTEM (TRENCH CONFIGURATION)		

NOTE:
WRAP ALL STORM DRAIN PIPING, ALL CONDENSATE PIPING AND ALL SANITARY DRAIN PIPING WITH NOISE ELIMINATING INSULATION. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.

NOTE:
COORDINATE ALL PLUMBING LINES WITH CONCRETE POUR AND STRUCTURAL PLANS. PROVIDE SLEEVE IN BEAM AS REQUIRED PRIOR TO CONCRETE POUR. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.

STORM DRAIN SCHEDULE:
RD: JR SMITH MFG CO MODEL 1025 W/ 90W OUTLET
GENERAL PURPOSE ROOF DRAINS WITH ADJUSTABLE EXTENSION OR EQUIVALENT.

DESIGN CRITERIA	
BUILDING TYPE:	SINGLE FAMILY RESIDENCE
MAXIMUM AUTHORIZED FLOW	1,052 GPD
AIR CONDITIONED AREA:	4,497 SQ.FT. RESIDENCE W/ 5 BEDROOM
ESTIMATED SEWAGE FLOW:	520 GPD AS PER TABLE 1 HRS

DESIGN CRITERIA SEPTIC TANK #1	
SEPTIC TANK REQUIRED:	1350 GAL. CAPACITY TABLE II HRS.
DRAIN FIELD AREA REQUIRED:	650 SQ. FT.
RESERVED AREA REQUIRED:	325 SQ. FT.
TOTAL AREA REQUIRED:	975 SQ. FT.

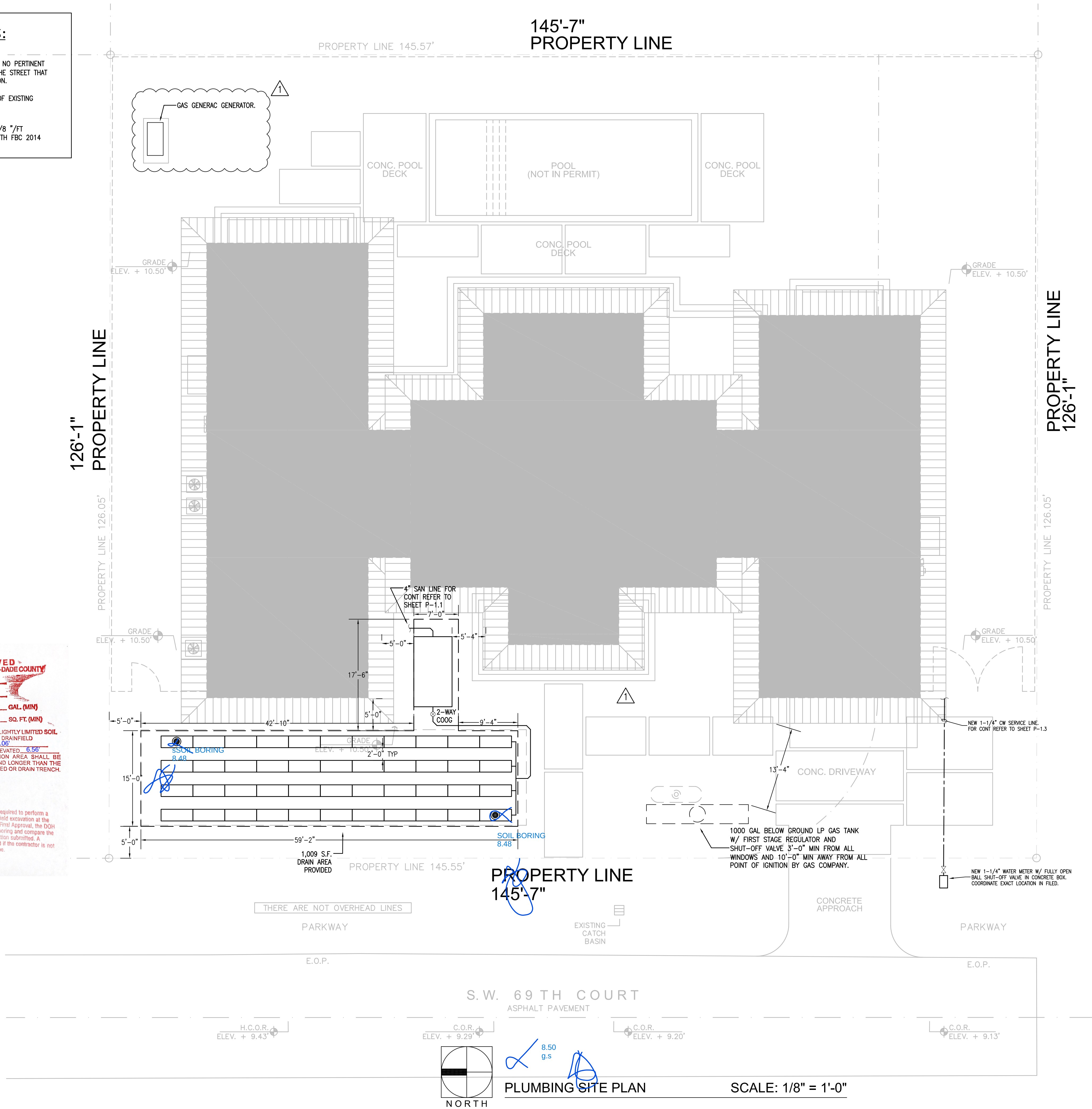
NOTE:
SEPTIC TANK & DRAIN FIELD CAPACITY ARE BASED ON STATE OF FLORIDA DEPARTMENT OF HEALTH CHAPTER 64E-6.

VERY IMPORTANT NOTES:

- TO THE BEST OF MY KNOWLEDGE, AND BELIEF, THERE ARE NO PERTINENT FEATURES ON ADJACENT PROPERTIES AND / OR ACROSS THE STREET THAT MAY BE AFFECTED BY THE NEW SEPTIC SYSTEM INSTALLATION.
- CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- ALL HORIZONTAL DRAIN PIPE 4"Ø SHALL BE SLOPED AT 1/8 "/FT APPROVED ASTM TO EXTERNAL PIPE USE IN COMPLIANCE WITH FBC 2014

APPROVED -
FLORIDA HEALTH MIAMI-DADE COUNTY
PERMIT #: **AP1933914**
DATE: **8/15/2024**
SEPTIC TANK: **1350** GAL. (MIN)
DRAINFIELD: **650 Trench** SQ. FT. (MIN)
INSTALL: **42"** OF SLIGHTLY LIMITED SOIL UNDER BOTTOM OF DRAINFIELD
INVERT ELEVATION: **7.08**
BOTTOM OF DRAINFIELD ELEVATED: **6.56**
PERIMETER OF EXCAVATION AREA SHALL BE AT LEAST 2 FEET WIDER AND LONGER THAN THE PROPOSED ABSORPTION BED OR DRAIN TRENCH.

The contractor (or designer) is required to perform a soil boring adjacent to the drainfield excavation at the time of final inspection. Prior to Final Approval, the DQH Inspector shall witness the soil boring and compare the results to the original site evaluation submitted. A reinspection fee will be assessed if the contractor is not at the jobsite at the arranged time.



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SEAL:

REVISIONS:

BD COMMENTS 08/06/22

DATE: 10.01.21
SCALE: AS SHOWN
DRAWN BY:
CHECKED BY:
JOB NUMBER: 20-323

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