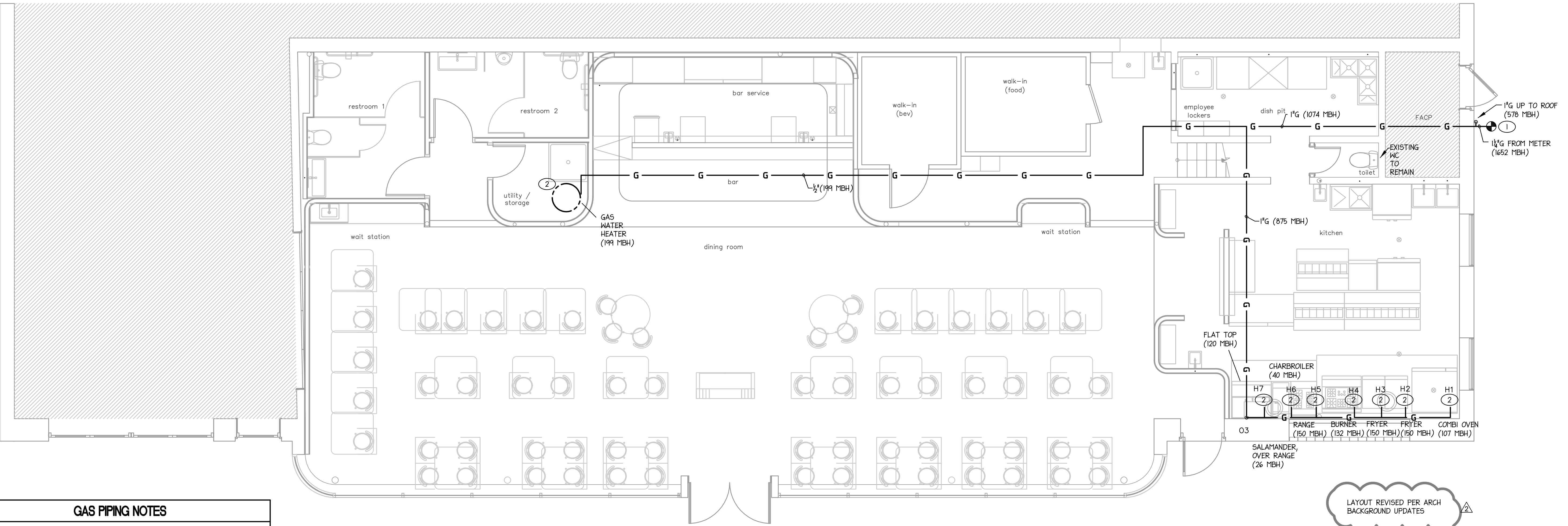


EQUIPMENT SCHEDULE											
ITEM	EQUIPMENT DESCRIPTION	CW (in)	HW (in)	AFF (in)	DIRECT DRAIN (in)	AFF (in)	INDIRECT AIR GAP	GAS (in)	AFF (in)	MBTUH	REMARKS
H1	COMBI OVEN	0.75					3"FD	0.5		107	
H2	FRYER							0.5		150	
H3	FRYER							0.5		150	
H4	BURNER							0.5		132	
H5	RANGE							0.5		150	
H6	CHARBROILER							0.5		40	
H7	FLAT TOP							0.5		90	
J1	DISH MACHINE		0.75				3"FS				NOBLE WAREWASHING HT-180. PROVIDE WITH DRAIN WATER TEMPERING KIT
J2	3 COMPARTMENT SINK	0.75	0.75				3"FS				
J3	MDP SINK 30"x30"	0.75	0.75		3'						
D3	SALAMANDER							0.5		36	
D4	SINGLE BAY SINK (1) (39"x30")	0.75	0.75				3"FS				
D5	SINGLE BAY SINK (2) (30"x24")	0.75	0.75				3"FS				
D6	HAND SINKS (3) (12"x16")	0.5	0.5		2'						
D8	DNE COMPARTMENT SINK (17"x17"x12")	0.5	0.5				3"FS				

NATURAL GAS CALCULATIONS MED PRESSURE	
MAX CAPACITY OF PIPE IN MBH (INLET = 2 PSI, PRESSURE DROP = 1.0 IWC.)	
BUILDING LENGTH OF PIPE = 150 FT.	
1/2	372 MBH
3/4	751 MBH
1	1370 MBH
1 1/4	2820 MBH
1 1/2	4220 MBH
BASED UPON TABLE 402.4(2) OF 2018 NCFGC	

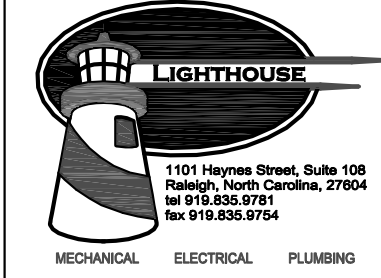
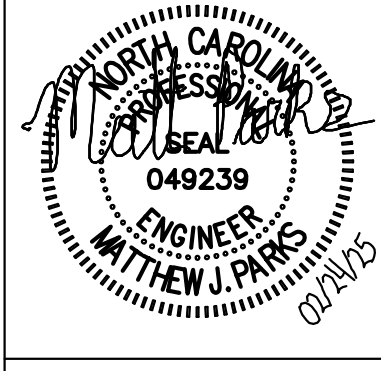
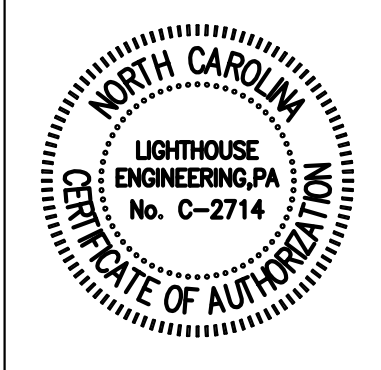
- TAGGED NOTES**
- 1/2" GAS FROM EXISTING GAS METER. TOTAL GAS LOAD 1652 MBH. TOTAL ESTIMATED LENGTH 150 FT. REPLACE EXISTING PIPING WHERE REQUIRED TO MATCH MINIMUM SIZE ON PLANS.
  - PROVIDE REGULATOR AT EACH PIECE OF EQUIPMENT PER MANUF. REQUIREMENTS.



1 1ST FLOOR PLAN  
1/4" = 1'-0"

- GAS PIPING NOTES**
- WORK TO INCLUDE PIPING FROM EXISTING GAS LINE TO ALL GAS FIRED EQUIPMENT. FINAL CONNECTION TO MAKE UP AIR UNIT BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO PROVIDE SHUT-OFF VALVE, DIRT TRAP, AND PRESSURE REGULATOR AT EACH PIECE OF EQUIPMENT.
  - ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODE REQUIREMENTS, AND THE PROVISIONS OF NFPA-54 AND NFPA-58.
  - THE CONTRACTOR SHALL SUPPLY ALL PERMITS AND LICENSES REQUIRED FOR THE WORK, AND FOR ALL INSPECTIONS REQUIRED.
  - PIPE 3" AND SMALLER SHALL BE SCHEDULE 40 STEEL WITH THREADED MALLEABLE FITTINGS.
  - VALVES SHALL BE GAS COCKS MANUFACTURED BY NIBCO.
  - ALL GAS PIPING LOCATED UNDER THE FLOOR SLABS SHALL BE INSTALLED IN CONDUIT OR AS REQUIRED BY CODE.
  - ALL PIPING EXPOSED TO THE OUTDOORS OR RUN IN UNCONDITIONED SPACES SHALL BE PAINTED WITH TWO COATS OF ENAMEL.
  - P.C. TO CONFIRM AND COORDINATED GROUNDING AFTER METER WITH E.C.
  - GAS SOLENOID VALVE PROVIDED BY KITCHEN EQUIPMENT SUPPLIER, INSTALLED BY PC, FINAL CONNECTION BY FIRE SUPPRESSION CONTRACTOR.
  - PROVIDE GAS REGULATOR TO DELIVER GAS PRESSURE AND CAPACITY AS REQUIRED BY EQUIPMENT MANUFACTURER.

Drawing Sheet List	
#	Title
G101	Gas Plan - 1st Floor
G102	Gas Plan - 2nd Floor
G103	Gas Riser



mon(arc) studio  
701 W Trinity Ave #117  
Durham, NC 27701

for permit 10/11/24  
ifc 02/21/2025

**Hutchins Showroom**  
a restaurant upfit  
408 W Geer St.  
Durham, NC 27701

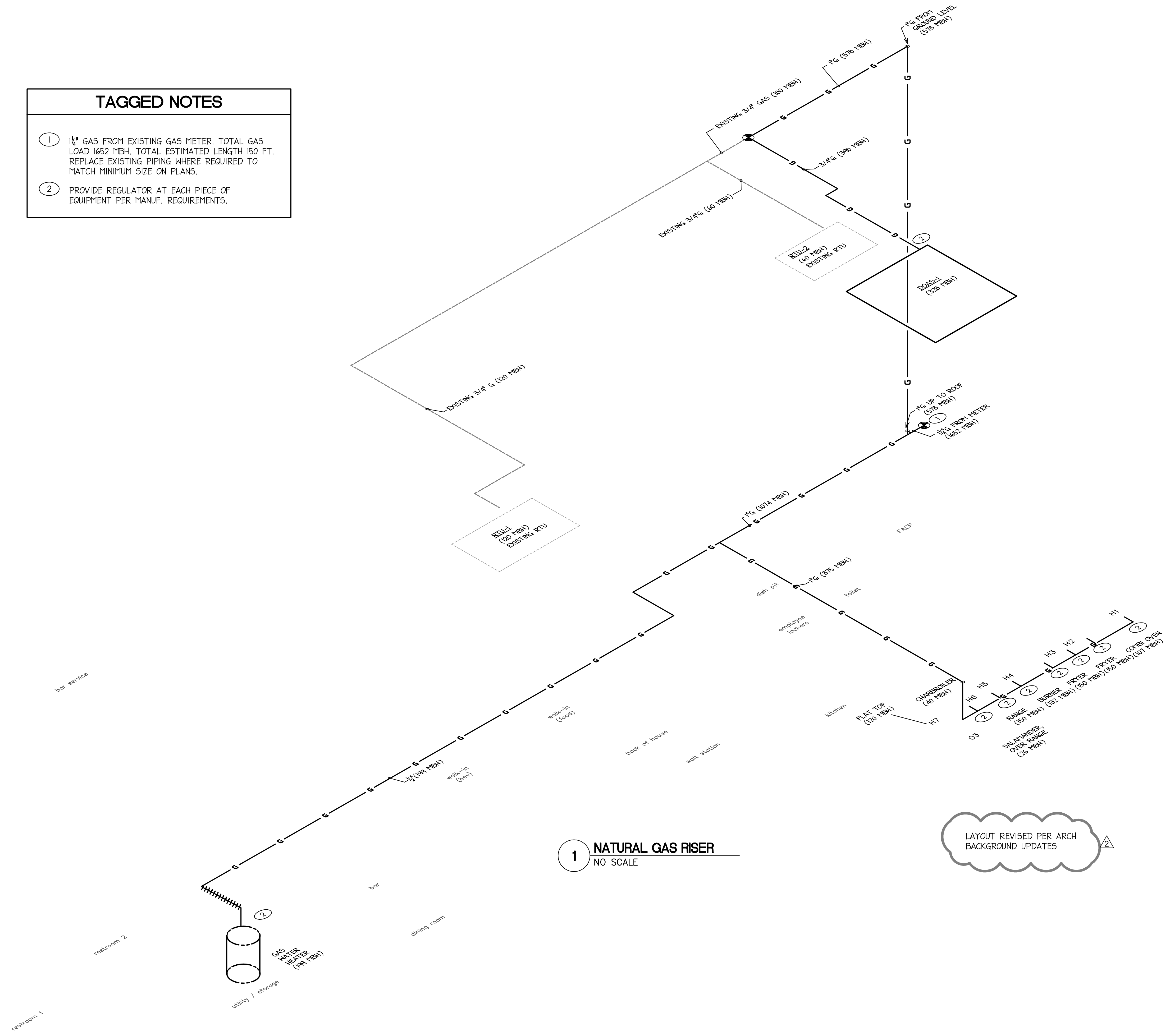
Gas Plans

G101

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Rev 24, 2025 - 11:20am

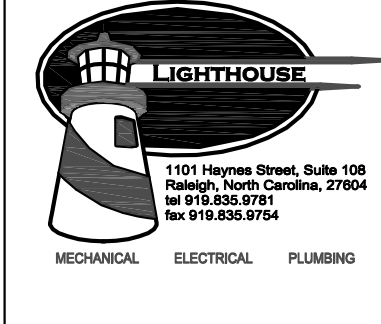
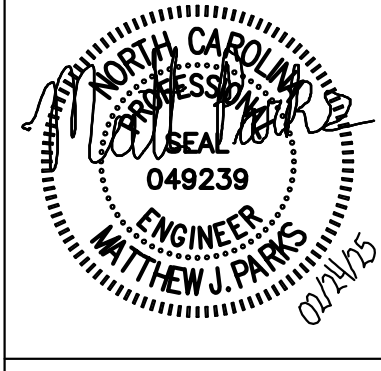
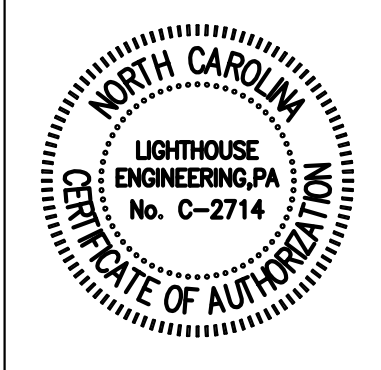


TAGGED NOTES	
1	1/4" GAS FROM EXISTING GAS METER. TOTAL GAS LOAD 1652 MBH. TOTAL ESTIMATED LENGTH 150 FT. REPLACE EXISTING PIPING WHERE REQUIRED TO MATCH MINIMUM SIZE ON PLANS.
2	PROVIDE REGULATOR AT EACH PIECE OF EQUIPMENT PER MANUF. REQUIREMENTS.



1 NATURAL GAS RISER  
NO SCALE

LAYOUT REVISED PER ARCH  
BACKGROUND UPDATES



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for permit 10/11/24  
ifc 02/21/2025

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Gas Riser

G103