

RENOVATION AND
ADDITION FOR
**ABERDEEN
POLICE
DEPARTMENT**

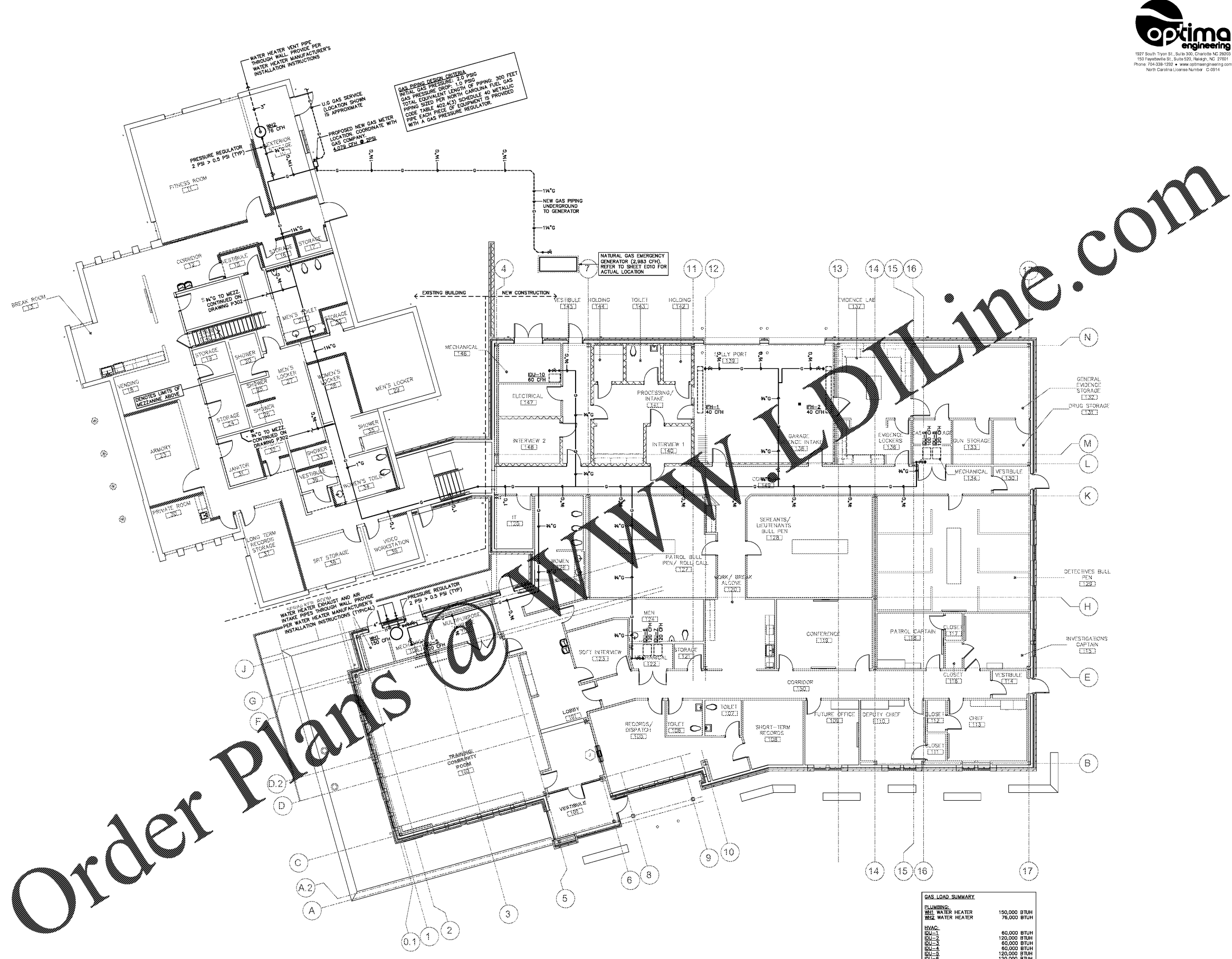


**NATURAL GAS
FLOOR PLAN
PLUMBING**

DATE: 10/25/2019
PROJECT NO: 18062

REVISIONS
NO. DATE DESCRIPTION:

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GAS PIPING DESIGN CRITERIA
INITIAL GAS PRESSURE: 2.0 PSIG
FINAL GAS PRESSURE: 1.0 PSIG
PIPE LENGTH: 300 FEET
TOTAL EQUIPMENT LENGTH PER NORTH CAROLINA FUEL GAS PIPING SIZED PER 4013 SCHEDULE 40 METALLIC PIPE CODE TABLE AND 413 EQUIPMENT IS PROVIDED WITH A GAS PRESSURE REGULATOR.

1 **NATURAL GAS FLOOR PLAN - PLUMBING**
1/8" = 1'-0"

GAS LOAD SUMMARY	
PLUMBING:	
M12 WATER HEATER	150,000 BTUH
M12 WATER HEATER	76,000 BTUH
HVAC:	
DU-1	80,000 BTUH
DU-2	120,000 BTUH
DU-3	60,000 BTUH
DU-4	60,000 BTUH
DU-5	120,000 BTUH
DU-6	120,000 BTUH
DU-7	120,000 BTUH
DU-8	120,000 BTUH
DU-9	120,000 BTUH
DU-10	60,000 BTUH
PH-1	40,000 BTUH
PH-2	40,000 BTUH
GENERATOR:	2,883,000 BTUH
TOTAL LOAD:	4,679,000 BTUH