

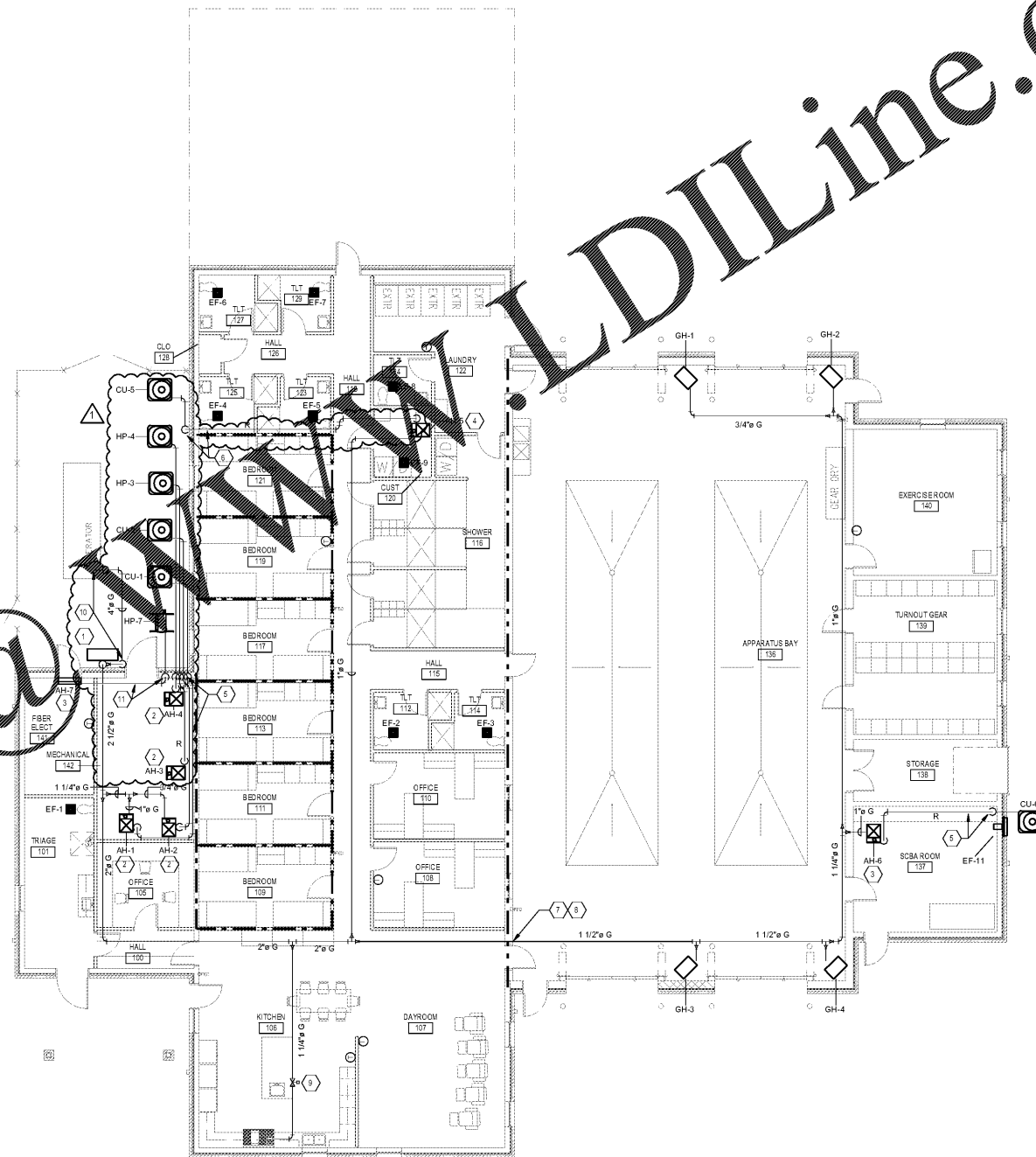
Order Plans @

**KEY NOTES**

- 1 NEW 0.5 PSI GAS METER BY UTILITY COMPANY. (CONNECTED LOAD = 840 MBH, MAX. EQUAL LENGTH OF PIPE = 230 FEET, GAS MAIN PIPE SIZE = 2 1/2", GAS PRESSURE = 0.5 PSI) (TABLE 402.4.2) 2018 INTERNATIONAL FUEL GAS CODE. PROVIDE A GAS RISER WITH A HOUSE VALVE OF THE SIZE NOTED, TIGHT TO THE BUILDING EXTERIOR AND ON TO THE ROOF.
- 2 ROUTE 1/2" INSULATED CONDENSATE DRAIN PIPING TO FLOOR DRAIN.
- 3 ROUTE 1/2" INSULATED CONDENSATE DRAIN PIPING TO EXTERIOR DRAIN PIT.
- 4 ROUTE 1/2" INSULATED CONDENSATE DRAIN PIPING TO JANITOR'S SINK.
- 5 ROUTE REFRIGERANT PIPING UP INSIDE OF WALL AND ALONG BACK WALL TO EACH AIR HANDLER.
- 6 ROUTE REFRIGERANT LINES UP EXTERIOR OF WALL TO ABOVE CEILING. ROUTE IN REFRIGERANT LINES SET COVER, COORDINATE COLOR OF COVER WITH ARCHITECT.
- 7 TURN GAS PIPING UP ONCE IT ENTERS APPARATUS BAY. ROUTE PIPING ABOVE BAY DOORS.
- 8 SEAL GAS PIPING PENETRATION TO MAINTAIN FIRE RATING OF WALL.
- 9 PROVIDE EMERGENCY GAS SHUT-DOWN SOLIDID VALVE SERVING RANGE. VALVE SIZE TO MATCH GAS LINE SERVING RANGE. SOLIDID VALVE TIES TO SHUT-OFF SWITCH ON WALL. COORDINATE WITH ELECTRICAL CONTRACTOR AND FIRE PROTECTION CONTRACTOR FOR LOCATION AND WIRING REQUIREMENTS.
- 10 TAP 2" GAS LINE OFF 2" GAS MAIN AND TURN DOWN. ROUTE UNDERGROUND TO GENERATOR. COORDINATE WHERE GAS PIPING COMES UP WITH GENERATOR PAD.
- 11 ROUTE REFRIGERANT LINES ABOVE/LOUVER. ROUTE REFRIGERANT LINES DOWN INSIDE OF WALL TO FLOOR LEVEL. PENETRATE WALL AT FLOOR LEVEL AND ROUTE TO EXTERIOR HEAT PUMP.

**GENERAL NOTES**

1. PROVIDE ISOLATION VALVE FOR EQUIPMENT CONNECTION (TYPICAL)
2. INSTALL EXTERIOR REFRIGERANT LINES ON ANGLED SUPPORTS. REFRIGERANT LINES SHALL NOT BE INSTALLED ON THE GROUND.



1 FIRST FLOOR - MECHANICAL PIPING PLAN  
SCALE: 1/8"=1'-0"

RATED WALL LEGEND	
	12 HOUR RATED FIRE BARRIER
	2 HOUR RATED FIRE BARRIER

REFER TO UL PENETRATION DETAILS FOR ADDITIONAL REQUIREMENTS



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