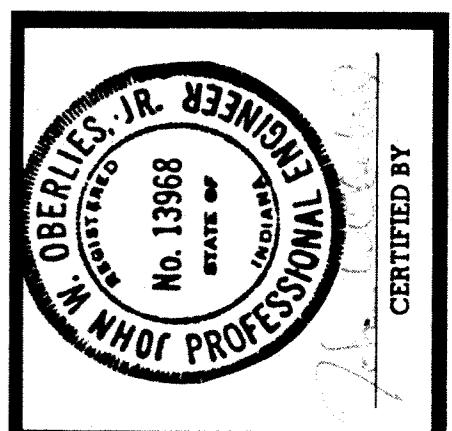


NO.	DATE	REVISIONS	DESCRIPTION	COMM. NO.	DATE	DATE	DRAWN BY	CHECKED BY	E.C.S.
1				8/20/01	11-30-01	5/0/01			

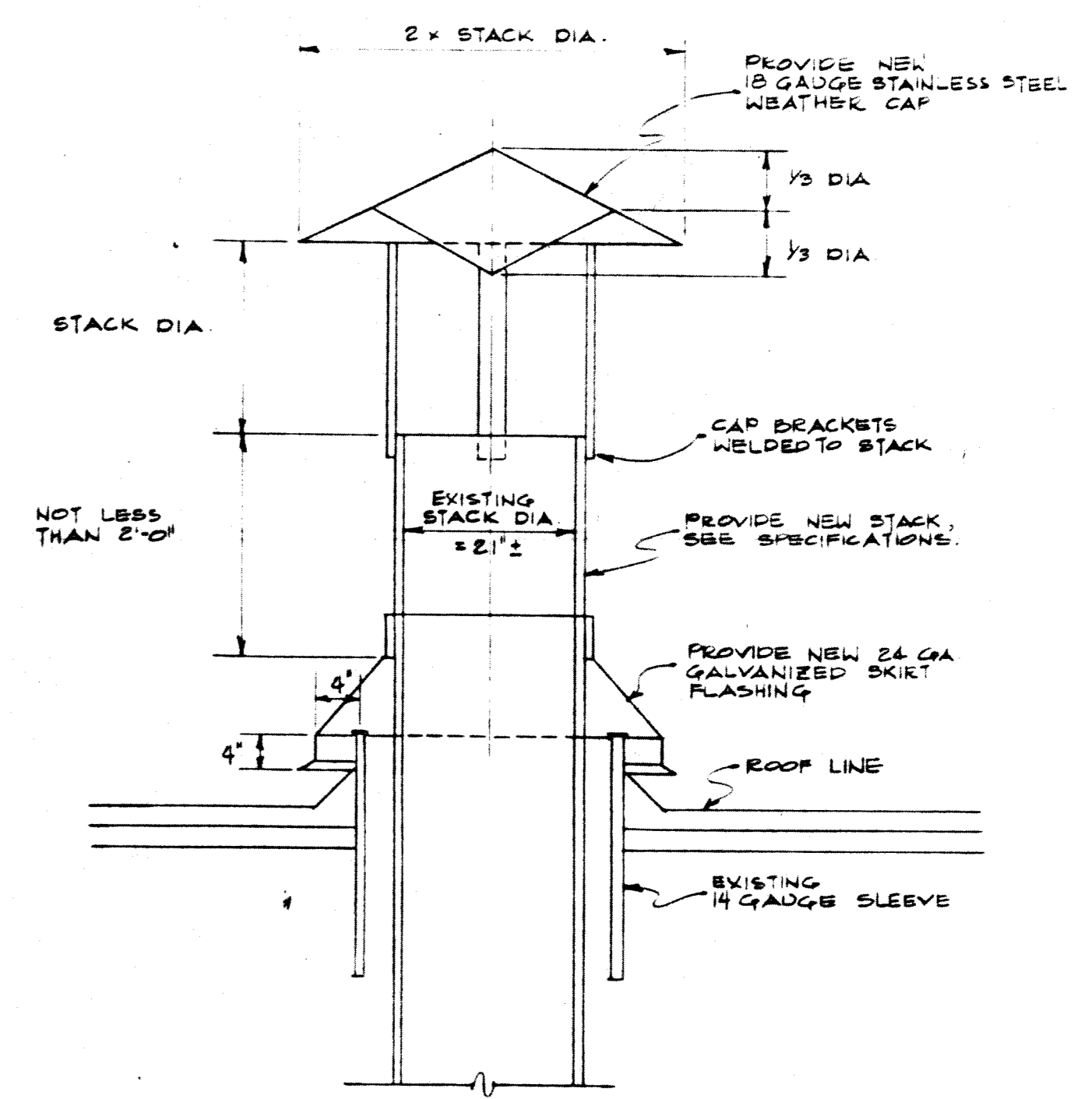


BOILER ROOM NOTES

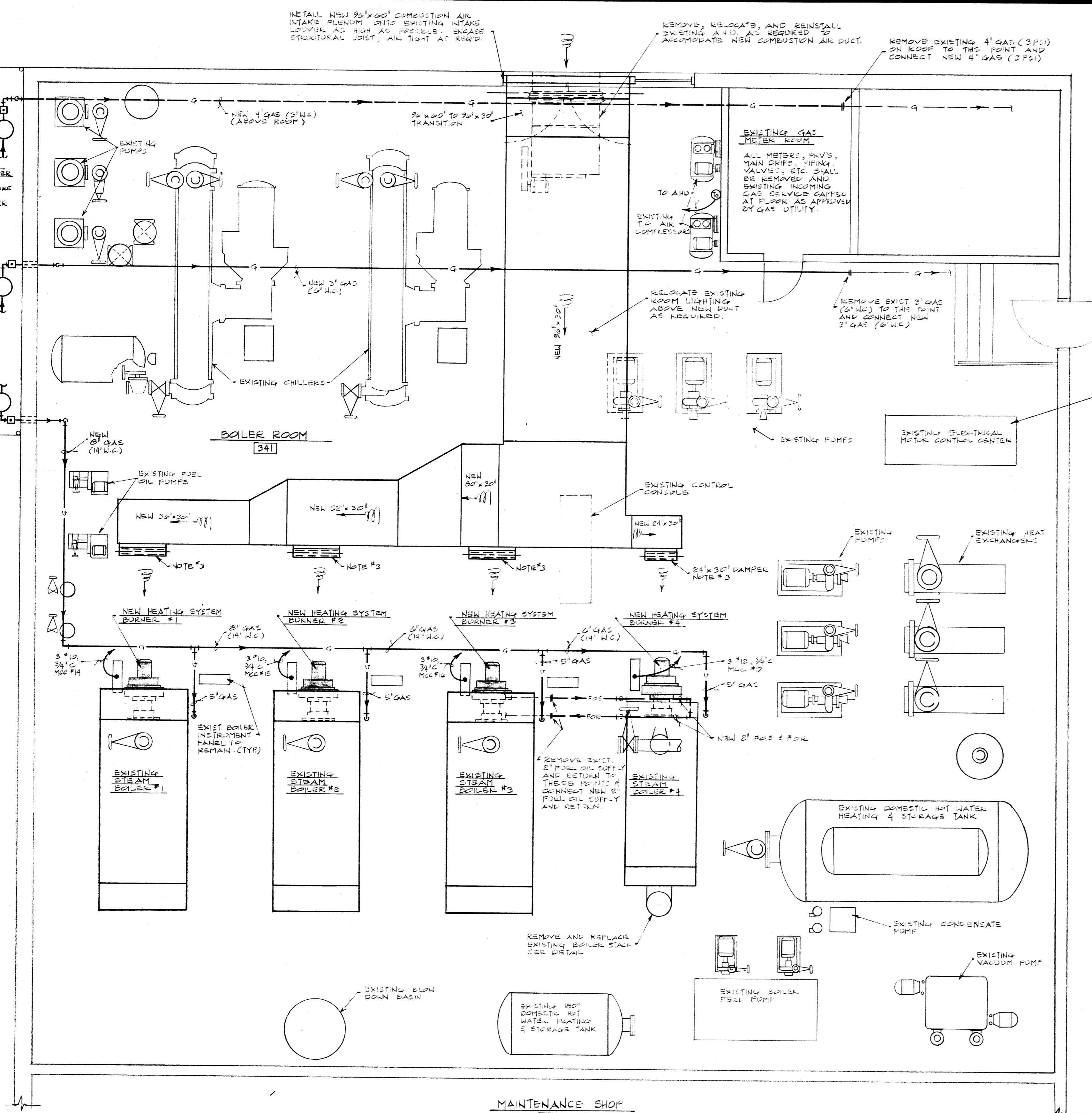
- All work shown is new and by the Contractor unless otherwise noted.
- Contractor shall verify all existing conditions at the job site.
- 36" x 30" opposed blade motorized combustion air damper by Temperature Control Contractor. Damper shall be controlled by a relay furnished by the burner supplier in the Heating System Burner control cabinet. Contractor shall furnish remote wall switch to override relay for summer ventilation.
- All valves, thermometers, gauges, feeders, fittings, etc., noted on burners, are typical for all burners.
- All existing and new overhead gate valves on supply heating mains, 4" and larger, and over 8'-0" above finished floor shall be chain operated. All heating system chilled and condenser water piping, and domestic cold water valves 4" and larger shall be completely reconitioned per specifications or replaced at the Contractor's option.
- All horizontal piping within the boiler room shall be suspended on rubber-in-shear hangers (see specifications).
- All existing steam, chilled water, domestic hot and cold water piping within the boiler room where insulation is missing, loose, or damaged shall be reinsulated as per specifications unless otherwise noted.
- Contractor shall paint all wall and ceiling surfaces in the boiler room including doors and steel stairs. Colors to be as selected by Owner. Paint all new and existing piping, pipe hangers, supports, tanks, receivers, fuel oil pumps, etc. Piping, tanks and pumps shall be color coded and piping identified as per specifications. Electrical conduit and temperature control tubing shall be painted to match walls. Electrical panels and new equipment shall not be painted.
- Existing ferrous and non-ferrous piping, valves and fittings and burners removed from boiler room shall be turned over to the Owner.
- See specifications for required work on existing incinerator flue above roof of this area.

BOILER ROOM MECHANICAL EQUIPMENT SCHEDULE

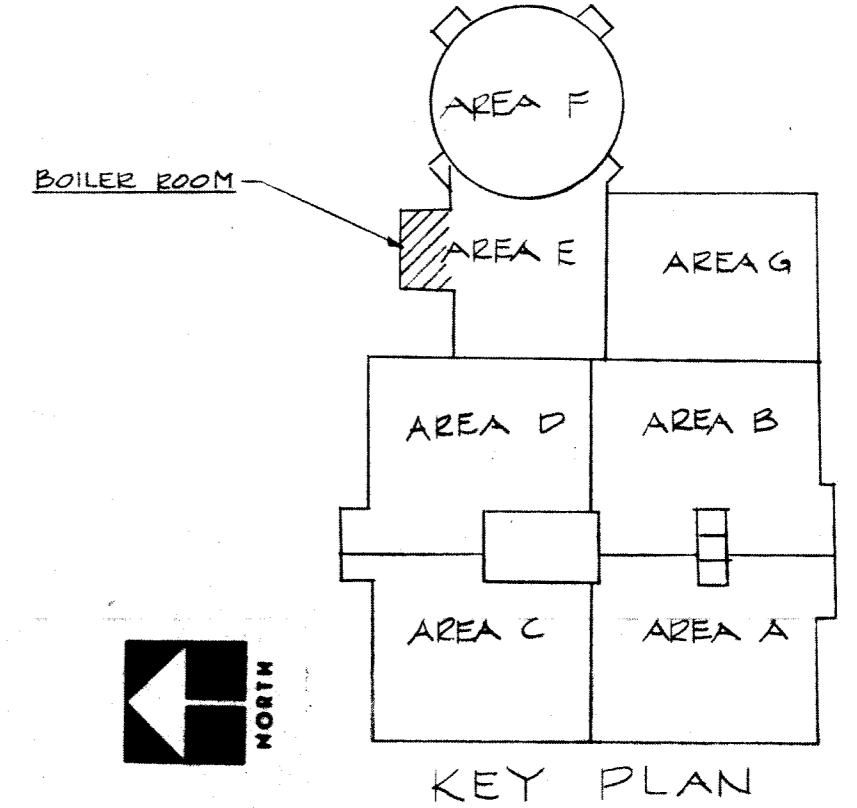
- New Heating System Burner #1, 2, & 3**
 Industrial Combustion Model DLG-105, or an approved equal, combination gas-oil burner, gas capacity, 10,500 cubic feet per hour of 0.6 specific gravity, 1000 BTU cubic foot natural gas at a maximum manifold pressure of 6" water column. Oil capacity: 73 gallons per hour with a heat content of 140,000 BTU per gallon. Burner Motor Data: 7 1/2 HP, 440 volts, 3 phase, 60 hertz. Air oil pump motor data: 2 HP, 440 volts, 3 phase, 60 hertz.
- New Heating System Burner #4**
 Industrial Combustion Model DLG-84 or an approved equal, combination gas-oil burner, gas capacity, 8400 cubic feet per hour of 0.6 specific gravity, 1000 BTU cubic foot natural gas at a maximum manifold pressure of 6" water column. Oil capacity: 60 gallons per hour with a heat content of 140,000 BTU per gallon. Burner Motor Data: 5 HP, 440 volts, 3 phase, 60 hertz. Air oil pump motor data: 1 HP, 440 volts, 3 phase 60 hertz.



BOILER STACK REPLACEMENT DETAIL
 NO SCALE



BOILER ROOM LAYOUT
 SCALE: 1/4" = 1'-0"



KEY PLAN