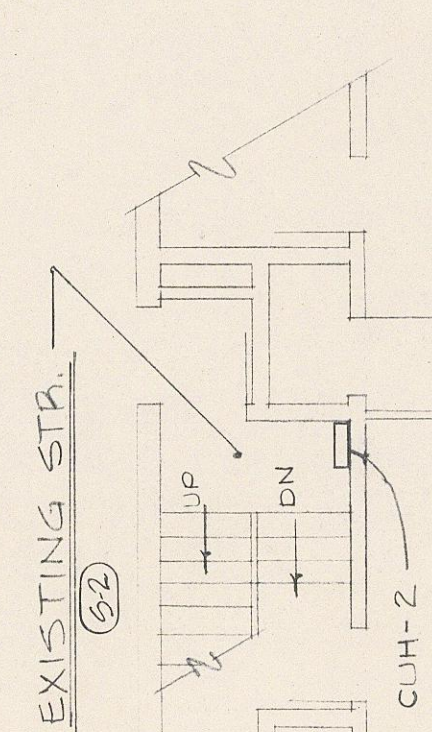
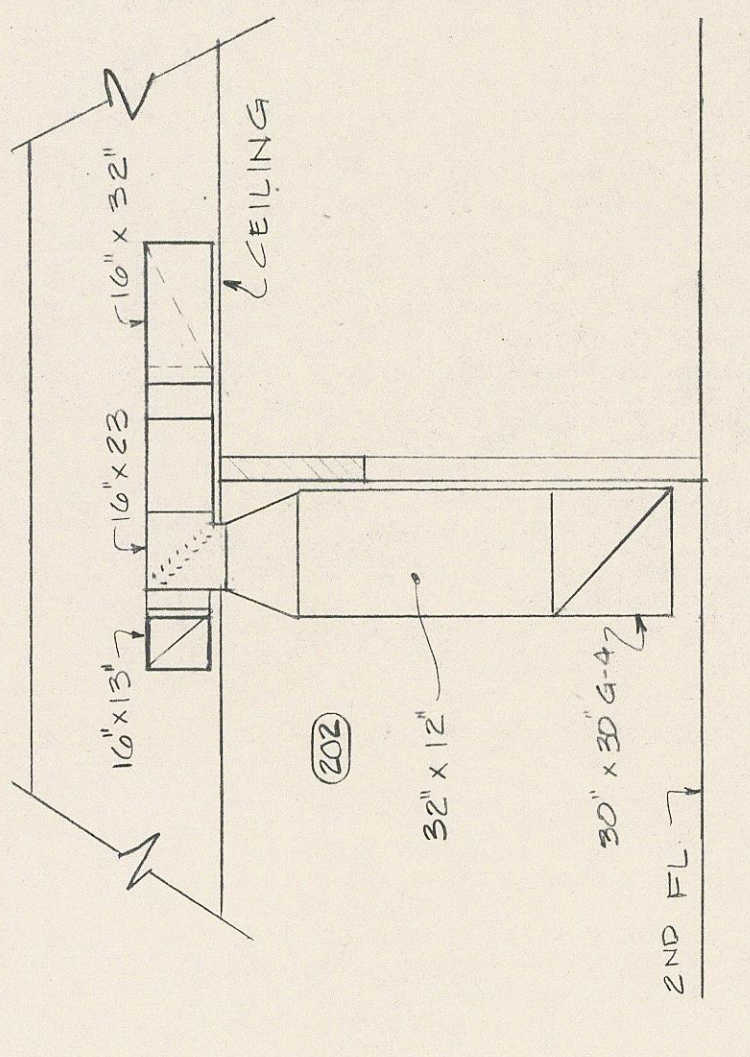


SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"



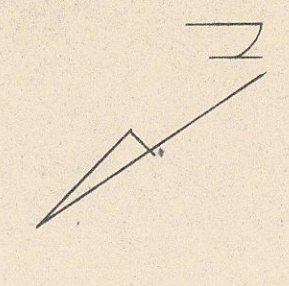
PART FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"



SECTION
 SCALE: 1/4" = 1'-0"

SYMBOL	DESCRIPTION	MECHANICAL LEGEND	SYMBOL	DESCRIPTION
[Symbol]	SUPPLY DUCT	[Symbol]	STRAINER	STRAINER WITH MESH/BAFF
[Symbol]	RETURN DUCT	[Symbol]	STEAM TRAP	STEAM TRAP
[Symbol]	FRESH AIR DUCT	[Symbol]	FAN CONTROL VALVE	FAN CONTROL VALVE
[Symbol]	EXHAUST DUCT	[Symbol]	CHECK VALVE	CHECK VALVE
[Symbol]	INCLUDED DROP IN DUCT WITH INSULATION	[Symbol]	NOTORIZED VALVE	NOTORIZED VALVE
[Symbol]	INCLUDED RISE IN DUCT WITH AIR FLOW	[Symbol]	RAIN VALVE	RAIN VALVE
[Symbol]	ADJUSTABLE LINED INDUCT	[Symbol]	PRESSURE GAUGE	PRESSURE GAUGE
[Symbol]	FLEXIBLE CONNECTION IN DUCT	[Symbol]	PRESSURE REDUCING VALVE	PRESSURE REDUCING VALVE
[Symbol]	SIGNALS DIFFUSER	[Symbol]	RELIEF VALVE	RELIEF VALVE
[Symbol]	RETURN GRILLE	[Symbol]	CONSTANT FLOW CONTROL VALVE-C.F.C.V.	CONSTANT FLOW CONTROL VALVE-C.F.C.V.
[Symbol]	DOOR LOUVER	[Symbol]	GLOBE VALVE	GLOBE VALVE
[Symbol]	GRILLE TYPE	[Symbol]	AUTOMATIC VALVE-3-WAY	AUTOMATIC VALVE-3-WAY
[Symbol]	NOTORIZED DAMPER	[Symbol]	PIPE ANCHOR	PIPE ANCHOR
[Symbol]	MANUAL DAMPER	[Symbol]	FAN INDICATOR	FAN INDICATOR
[Symbol]	FLEXIBLE DUCT	[Symbol]	TEMPERATURE	TEMPERATURE
[Symbol]	MANUAL AIR TEST	[Symbol]	ELECTRICAL BASEBOARD RADIATOR	ELECTRICAL BASEBOARD RADIATOR
[Symbol]	THROTTLE	[Symbol]	HOT WATER RETURN	HOT WATER RETURN
[Symbol]	HIGH STATIC THERMOSTAT	[Symbol]	CHILLED WATER RETURN	CHILLED WATER RETURN
[Symbol]	DECELERATION THERMOSTAT	[Symbol]	CHILLED WATER SUPPLY	CHILLED WATER SUPPLY
[Symbol]	WASHUP THERMOSTAT	[Symbol]	OIL SUPPLY	OIL SUPPLY
[Symbol]	EXHAUST FAN SPEED CONTROL	[Symbol]	OIL RETURN	OIL RETURN
[Symbol]	THERMOSTAT/HUMIDISTAT COMBINATION	[Symbol]	FUEL OIL SUPPLY	FUEL OIL SUPPLY
[Symbol]	HUMIDISTAT	[Symbol]	FUEL OIL RETURN	FUEL OIL RETURN
[Symbol]	STEAM	[Symbol]	REFRIGERANT WATER	REFRIGERANT WATER
[Symbol]	STEAM CONDENSATE	[Symbol]	REFRIGERANT LIQUID	REFRIGERANT LIQUID
[Symbol]	CONDENSATE DRAIN	[Symbol]	REFRIGERANT DISCHARGE	REFRIGERANT DISCHARGE
[Symbol]	PIPE UP	[Symbol]	GAS	GAS
[Symbol]	PIPE DOWN	[Symbol]	ORGANIC THER. W/SEC. SPRINK	ORGANIC THER. W/SEC. SPRINK
[Symbol]	GATE VALVE	[Symbol]	VARIABLE AIR VOLUME DAMPER	VARIABLE AIR VOLUME DAMPER
[Symbol]	FLEXIBLE PIPE	[Symbol]		
[Symbol]	UNION	[Symbol]		
[Symbol]	CAPIED PIPE	[Symbol]		
[Symbol]	CONNECT TO EXISTING	[Symbol]		

- NOTES:**
- ALL SIDE WALL RETURN AIR DUCTS TO BE INSTALLED SO THAT BOTTOM IS 3" AFF.
 - MODIFY EXIST FAN CURBS ON 2ND FLOOR TO RECEIVE NEW PANS AT 1/2
 - ROUTE DUCT THRU STACK AREA BETWEEN SPRINKLER AND DUCT BETWEEN HEADS OF 30" BETWEEN HEADS OTHER WISE APPROVED
- LOCATION OF SPRINKLER HEADS SHOWN ARE APPROXIMATE



These drawings were prepared by the undersigned in accordance with the provisions of the Virginia Professional Engineers Act and the Virginia Professional Engineers Board. The undersigned hereby certifies that he is a duly licensed Professional Engineer in the State of Virginia and that he is the author of these drawings. He further certifies that he is not providing these drawings to any other person or entity for any purpose other than that intended by the undersigned. The undersigned further certifies that he is not providing these drawings to any other person or entity for any purpose other than that intended by the undersigned. The undersigned further certifies that he is not providing these drawings to any other person or entity for any purpose other than that intended by the undersigned.