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Revisions:


HVAC AND ROOFING RENOVATIONS FOR  
**BRITT ELEMENTARY SCHOOL**  
 2503 SKYLAND DRIVE SW  
 SNELLVILLE, GEORGIA 30078  
 Facility Code  
 # 3050

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Sheet Title:  
 CLASSROOM BUILDING -  
 HVAC ENLARGED MECH  
 ROOM PART PLAN  
 Drawn By: GBP  
 Scale: AS NOTED  
 Date: 12/14/2018  
 Job No.: 18JS97  
 Sheet No.:  
**M3.1**

**GENERAL NOTES**

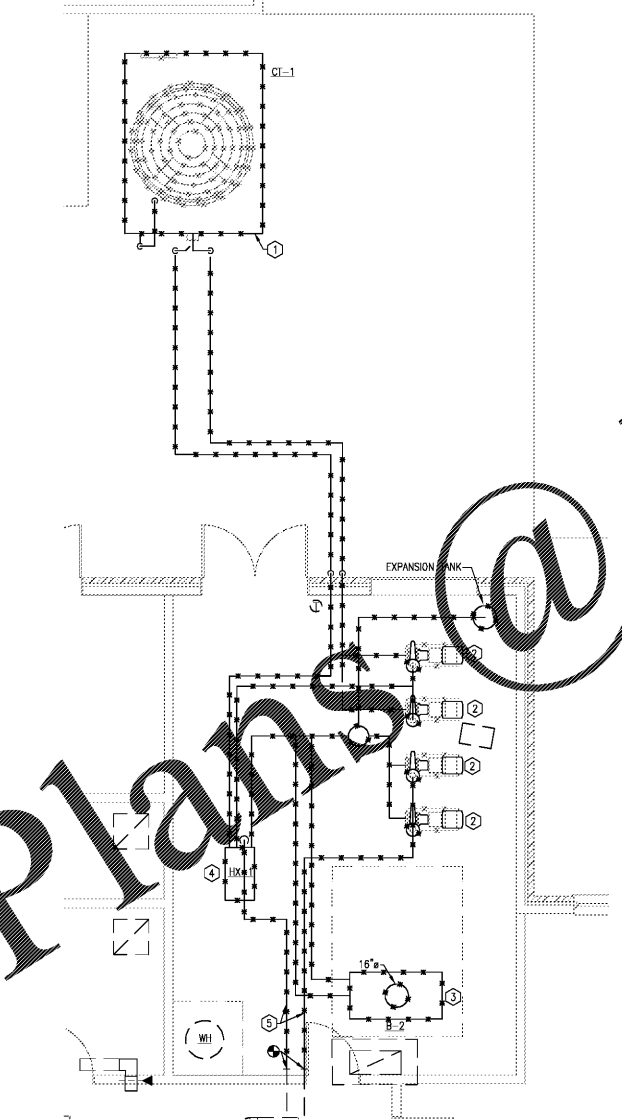
1. SEE M0.1 FOR HVAC GENERAL NOTES.

**DEMOLITION KEY NOTES**

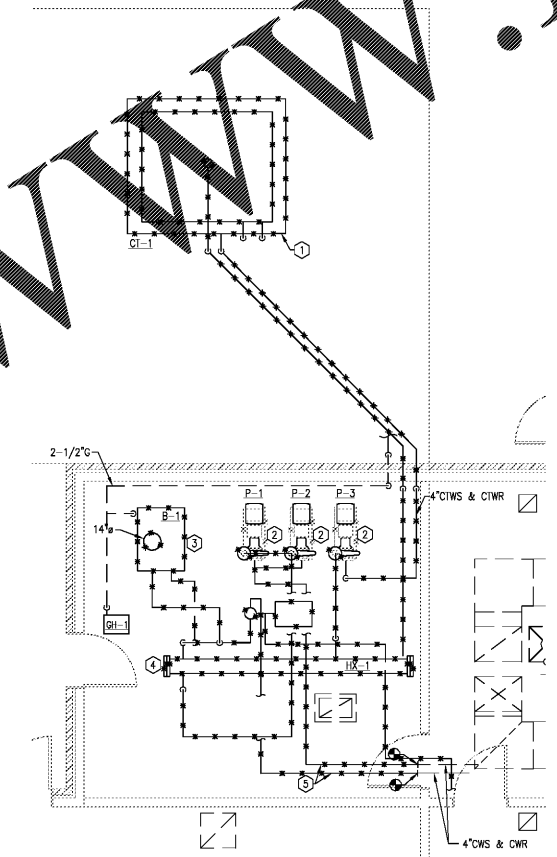
- ① REMOVE EXISTING COOLING TOWER, CUT UNDERGROUND COOLING TOWER PIPING FLUSH WITH SLAB/GRADE, FILL WITH GROUT AND ABANDON IN PLACE.
- ② REMOVE EXISTING PUMP AND ASSOCIATED CONCRETE PAD.
- ③ REMOVE EXISTING BOILER AND ASSOCIATED CONCRETE PAD, CAP ROOF BOILER FLUES.
- ④ REMOVE EXISTING HEAT EXCHANGER AND ASSOCIATED CONCRETE PAD.
- ⑤ REMOVE EXISTING TEMPERED WATER PIPING AND ASSOCIATED COMPONENTS WITHIN THE MECHANICAL ROOM. EXTENT OF DEMOLITION SHOWN ON FLOOR PLAN.

**NEW WORK KEY NOTES**

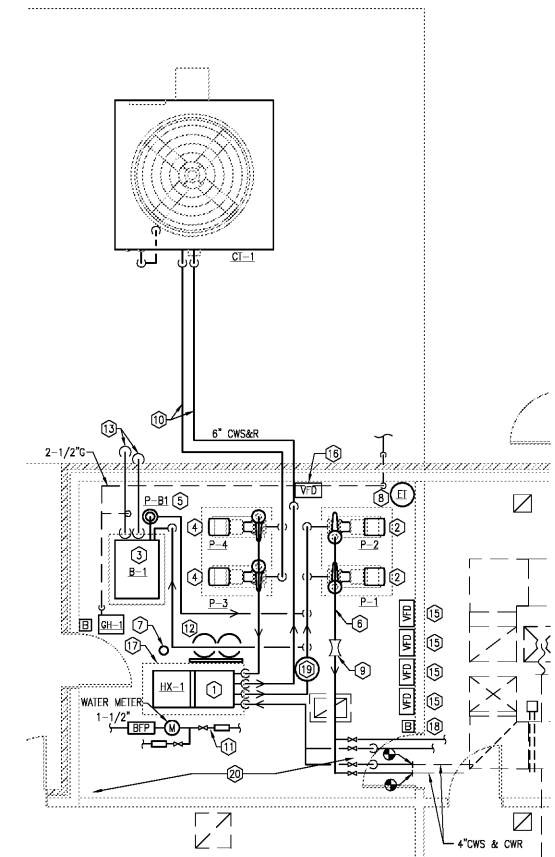
- ① PLATE & FRAME HEAT EXCHANGER, SEE SCHEDULE AND DETAIL 15/M4.1.
- ② TEMPERED WATER PUMPS, SEE SCHEDULE AND DETAIL 8/M4.1.
- ③ GAS-FIRED CONDENSING BOILER, SEE SCHEDULE AND DETAIL 12/M4.1.
- ④ COOLING TOWER WATER PUMPS, SEE SCHEDULE AND DETAIL 11/M4.1.
- ⑤ BOILER HOT WATER PUMPS, MOUNT OVERHEAD, SEE SCHEDULE AND DETAIL 7/M4.1.
- ⑥ 6" TEMPERED WATER MAIN SUPPLY AND RETURN TO BUILDING LOOP.
- ⑦ SHOT FEEDER ON WALL, SEE DETAIL ON SHEET 1/M4.1.
- ⑧ EXPANSION TANK, SEE DETAIL 9/M4.1.
- ⑨ WATER FLOW TRANSMITTER IN TWR SUPPLY PIPING.
- ⑩ COOLING TOWER WATER PIPING, EXTEND TO TOWER LOCATION, EXTERIOR WATER PIPING SHALL BE PROVIDED WITH ELECTRICAL HEAT.
- ⑪ 1-1/2" CONDENSER WATER MAKE-UP, SEE DETAIL 2/M4.1.
- ⑫ CHEMICAL TREATMENT TANKS AND CONTROL PANEL LOC.
- ⑬ BOILER FLUE AND COMBUSTION AIR INTAKE, EXTERIOR WALL.
- ⑭ GAS CONTROL CABINET ON WALL, PER VENDOR.
- ⑮ VARIABLE FREQUENCY DRIVE FOR COOLING TOWER WATER PUMPS.
- ⑯ VARIABLE FREQUENCY DRIVE FOR COOLING TOWER FAN.
- ⑰ NEW 4" CONCRETE ROUSING PAD FOR NEW EQUIPMENT (TYPICAL).
- ⑱ EMERGENCY POWER SHUT-DOWN SWITCH (TYPICAL 2).
- ⑲ NEW DRY/AIR SEPARATOR.
- ⑳ MAINTAIN 4" CLEARANCE IN FRONT OF EXISTING AND NEW ELECTRICAL PANELS.



**1 NORTH MECHANICAL ROOM DEMO PART PLAN**  
 SCALE: 1/4" = 1'-0"



**2 SOUTH MECHANICAL ROOM DEMOLITION PART PLAN**  
 SCALE: 1/4" = 1'-0"



**3 SOUTH MECHANICAL ROOM NEW WORK PART PLAN**  
 SCALE: 1/4" = 1'-0"

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