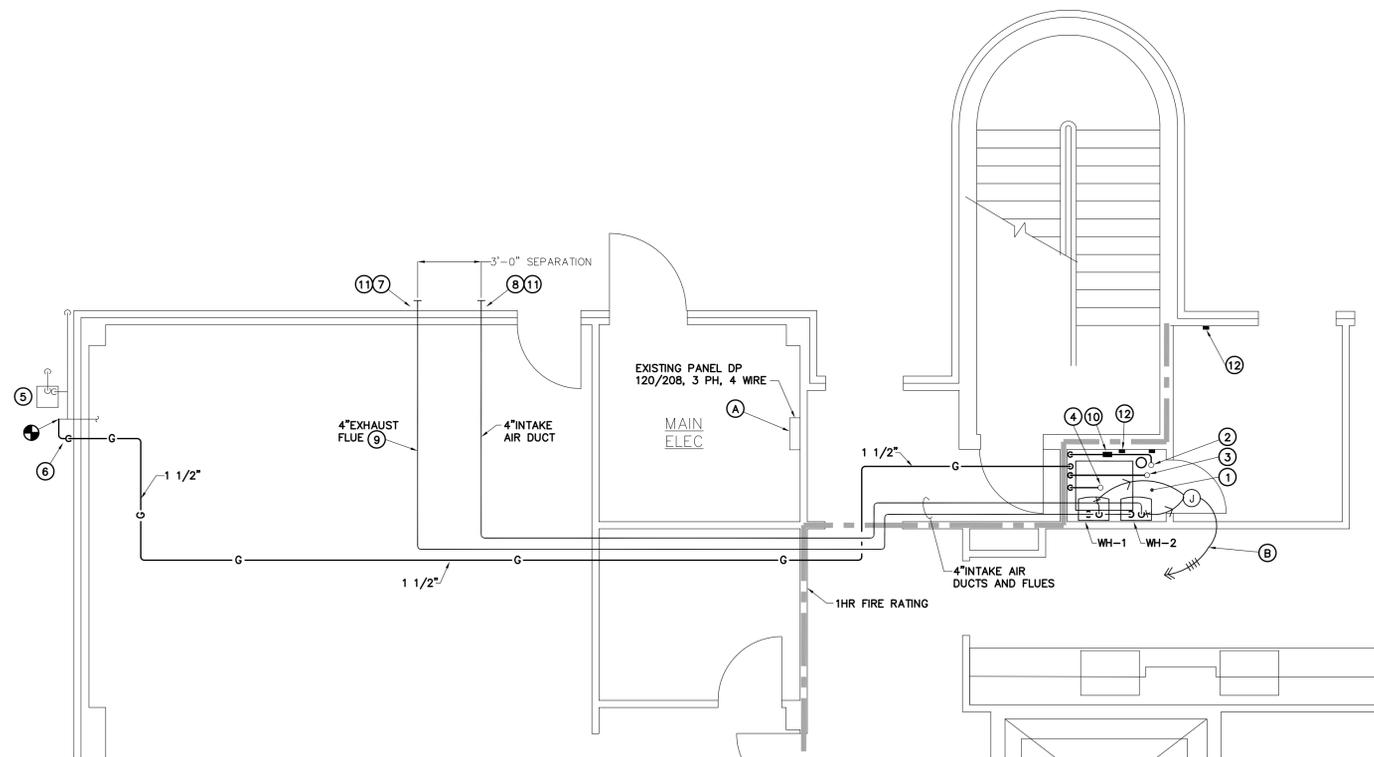


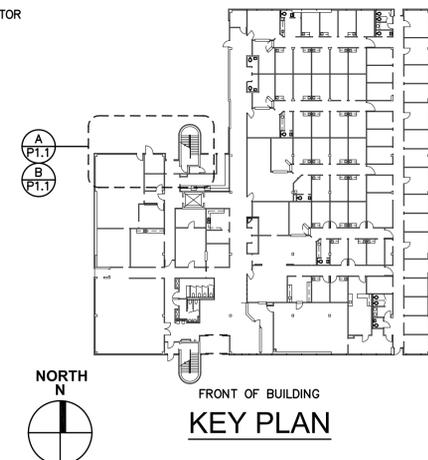
**A**  
P1.1  
**FLOOR PLAN - DEMOLITION**  
SCALE: 1/4" = 1'-0"

- DEMOLITION NOTES:**
- D1 REMOVE EXISTING WATER HEATER AND RELATED APPURTENANCES IN THEIR ENTIRETY AND DISPOSE OF PROPERLY.
  - D2 EXISTING WALL/DISCONNECT SWITCH FOR EXISTING H.W.R. PUMP TO BE REMOVED AND REUSED AND EXTENDED TO NEW LOCATION OF H.W.R. PUMP.
  - D3 EXISTING H.W.R. PUMP AND AQUASTAT TO BE REMOVED AND REINSTALLED AT NEW LOCATION. REFER TO RENOVATION PLAN FOR ADDITIONAL INFORMATION.
  - D4 APPROX. LOCATION OF EXISTING 3/4" H.W.R. LINE FROM BUILDING. FIELD VERIFY SIZE AND LOCATION. CAP PIPING FOR CONNECTION TO NEW WORK.
  - D5 APPROX. LOCATION OF EXISTING 2" H.W. LINE TO BUILDING. FIELD VERIFY SIZE AND LOCATION. CAP PIPING FOR CONNECTION TO NEW WORK.
  - D6 APPROX. LOCATION OF EXISTING 2" C.W. LINE. CAP EXISTING PIPING DOWNSTREAM OF EXISTING EXPANSION FOR CONNECTION TO NEW WORK.



**B**  
P1.1  
**FLOOR PLAN - RENOVATION**  
SCALE: 1/4" = 1'-0"

- RENOVATION NOTES PLUMBING:**
- R1 REFER TO "WATER HEATER PIPING SCHEMATIC" ON SHEET P0.1 FOR ADDITIONAL INFORMATION.
  - R2 CONNECT TO EXISTING 3/4" H.W.R.
  - R3 CONNECT TO EXISTING 2" H.W.
  - R4 CONNECT TO EXISTING 2" C.W.
  - R5 REFER TO "GAS PIPING SCHEMATIC" FOR ADDITIONAL INFORMATION.
  - R6 GAS PIPING ROUTED EXPOSED VERTICALLY ON WALL. PIPING TO ENTER BUILDING APPROX. 9'-0" AFF. FIELD VERIFY EXACT ELEVATION.
  - R7 EXHAUST FLUES TO TERMINATE THRU EXTERIOR WALL APPROX. 9'-6" AFF. FIELD VERIFY EXACT ELEVATION.
  - R8 INTAKE AIR DUCTS TO TERMINATE THRU EXTERIOR WALL APPROX. 8'-6" AFF. FIELD VERIFY EXACT ELEVATION.
  - R9 EXHAUST FLUES TO BE SLOPED 1/4" PER FOOT BACK TO WATER HEATERS.
  - R10 EXISTING H.W.R. PUMP RELOCATED. SUPPORT FROM WALL APPROX. 6'-0" AFF.
  - R11 TERMINATE WITH SCREENED OUTLET.
  - R12 PROVIDE CARBON MONOXIDE DETECTOR WITH DIGITAL DISPLAY, TEST/RESET, LED LIGHTS, AUDIBLE ALARM AND POWERED BY 10 YEAR LITHIUM BATTERY. CARBON MONOXIDE DETECTOR SHALL BE KIDDE MODEL C3010D OR EQUAL.
- RENOVATION NOTES ELECTRICAL:**
- A PROVIDE (2) 20A 1P CIRCUIT BREAKERS IN PANEL DP (GENERAL ELECTRIC CCB STYLE) TO PROVIDE DEDICATED CIRCUIT TO EACH INSTANTANEOUS WATER HEATERS
  - B 1/2" C, (4) #12 AWG + #12 GROUND TO (2) 20A 1P CIRCUIT BREAKERS IN PANEL DP
- GENERAL NOTES:**
- 1 FIRESTOP ALL PENETRATIONS THRU FIRE RATED PARTITION.



Project Engineer: DER

Drawn By: LAM

Revisions:

No.	Date

This drawing and the design shown are the property of:  
Buford Goff & Associates.  
The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.



Project: D.H.E.C. FLORENCE COUNTY HEALTH DEPARTMENT WATER HEATER REPLACEMENT STATE PROJECT NO. : J04-N087-FW  
 Sheet Title: FLOOR PLANS - DEMOLITION & RENOVATION

**Buford Goff & Associates, Inc.**  
Engineers & Planners

1331 Elmwood Ave.  
Suite 200  
Columbia, SC 29201  
Phone: (803) 254-6302  
Fax: (803) 771-6142  
Web: www.bgainc.com

Sheet Number:  
**P1.1**

Date: SEPTEMBER 16, 2016  
Scale: As Noted  
BGA PROJECT NUMBER: 16085