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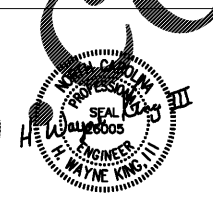


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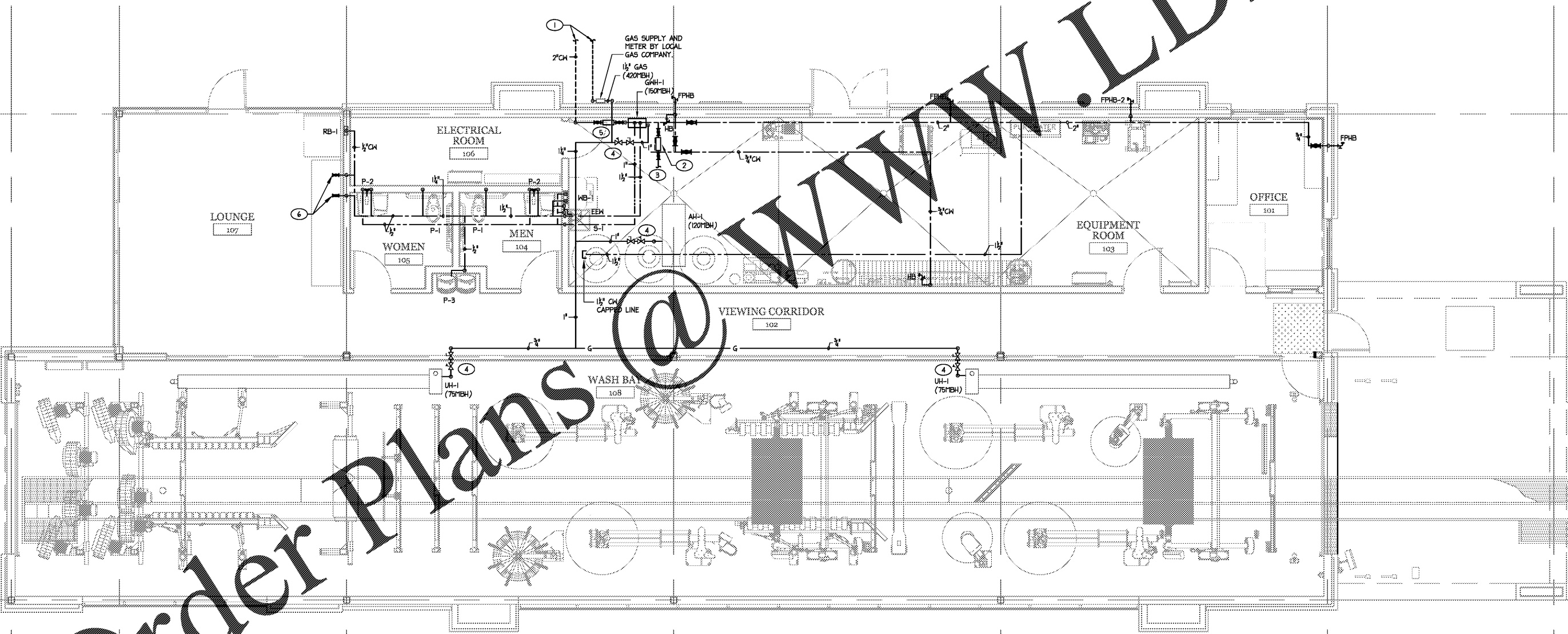
MECHANICAL ELECTRICAL PLUMBING



June 15, 2017

- GAS PIPING NOTES:**
1. WORK TO INCLUDE PIPING FROM GAS METER TO ALL GAS FIRED EQUIPMENT. FINAL CONNECTION TO ROOFTOP UNITS BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR TO PROVIDE SHUT-OFF VALVE, DIRT TRAP, AND PRESSURE REGULATOR AT EACH PIECE OF EQUIPMENT.
  2. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODE REQUIREMENTS AND THE PROVISIONS OF NFPA-54 AND NFPA-58.
  3. THE CONTRACTOR SHALL SUPPLY ALL PERMITS AND LICENSES REQUIRED FOR THE WORK AND FOR ALL INSPECTIONS REQUIRED.
  4. PIPE 3" AND SMALLER SHALL BE SCHEDULE 40 STEEL WITH THREADED MALLEABLE FITTINGS.
  5. VALVES SHALL BE GAS COCKS MANUFACTURED BY NIBCO.
  6. ALL GAS PIPING LOCATED UNDER THE FLOOR SLABS SHALL BE INSTALLED IN CONDUIT OR AS REQUIRED BY CODE.
  7. ALL PIPING EXPOSED TO THE OUTDOORS OR RUN IN UNCONDITIONED SPACES SHALL BE PAINTED WITH TWO COATS OF ENAMEL.

- SHEET KEYED NOTES**
1. SEE SITE UTILITY DRAWINGS FOR CONTINUATION OF BUILDING DOMESTIC WATER MAIN LINE AND NATURAL GAS SUPPLY LINE. COORDINATE EXACT LOCATION OF WATER MAIN WITH ELECTRICAL SERVICE.
  2. 2" BACKFLOW PREVENTION DEVICE FOR NON-POTABLE WATER SUPPLY TO CAR WASH EQUIPMENT.
  3. 2" NFW - SEE SHEET P203 FOR CONTINUATION.
  4. CONNECT GAS TO APPLIANCES INLET WITH LISTED PLUG ISOLATION VALVE, 6" MIN. DIRT LEG. PIPE TRANSITION (AS REQUIRED) AND LISTED APPLIANCE CONNECTOR HOSE.
  5. 2" DOMESTIC BACKFLOW PREVENTION DEVICE. COORDINATE EXACT LOCATION.
  6. 1/2" CW FOR COFFEE MAKER. PROVIDE SECONDARY BACKFLOW AND SHUT OFF VALVE.



**1 DOMESTIC WATER AND GAS FLOOR PLAN**  
 1/4" = 1'-0"

GAS PIPING SIZED PER TABLE 402.4(2) OF THE 2012 NCFGC.  
 TOTAL MBH: 420 MBH  
 DEVELOPED LENGTH: 100'

GAS DEMAND	
WH-1	150MBH
AH-1	120MBH
UH-1	75MBH
UH-1	75MBH
<b>TOTAL</b>	<b>420MBH</b>

- NOTE TO CONTRACTOR**
1. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE EQUIPMENT DRAWINGS FOR INSTALLATION OF ALL PIPING RELATING TO ALL EQUIPMENT AND REQUIRED CONNECTIONS PER EQUIPMENT SUPPLIER/OWNER LAYOUT. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES.
  2. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL UTILITIES AND LINES RELATING TO CAR WASHING EQUIPMENT WITH THE CIVIL ENGINEER AND THE CIVIL DRAWINGS.



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**Sheet Title**  
 PLUMBING  
 WATER AND  
 GAS PIPING

**Sheet Number**  
**P200**

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