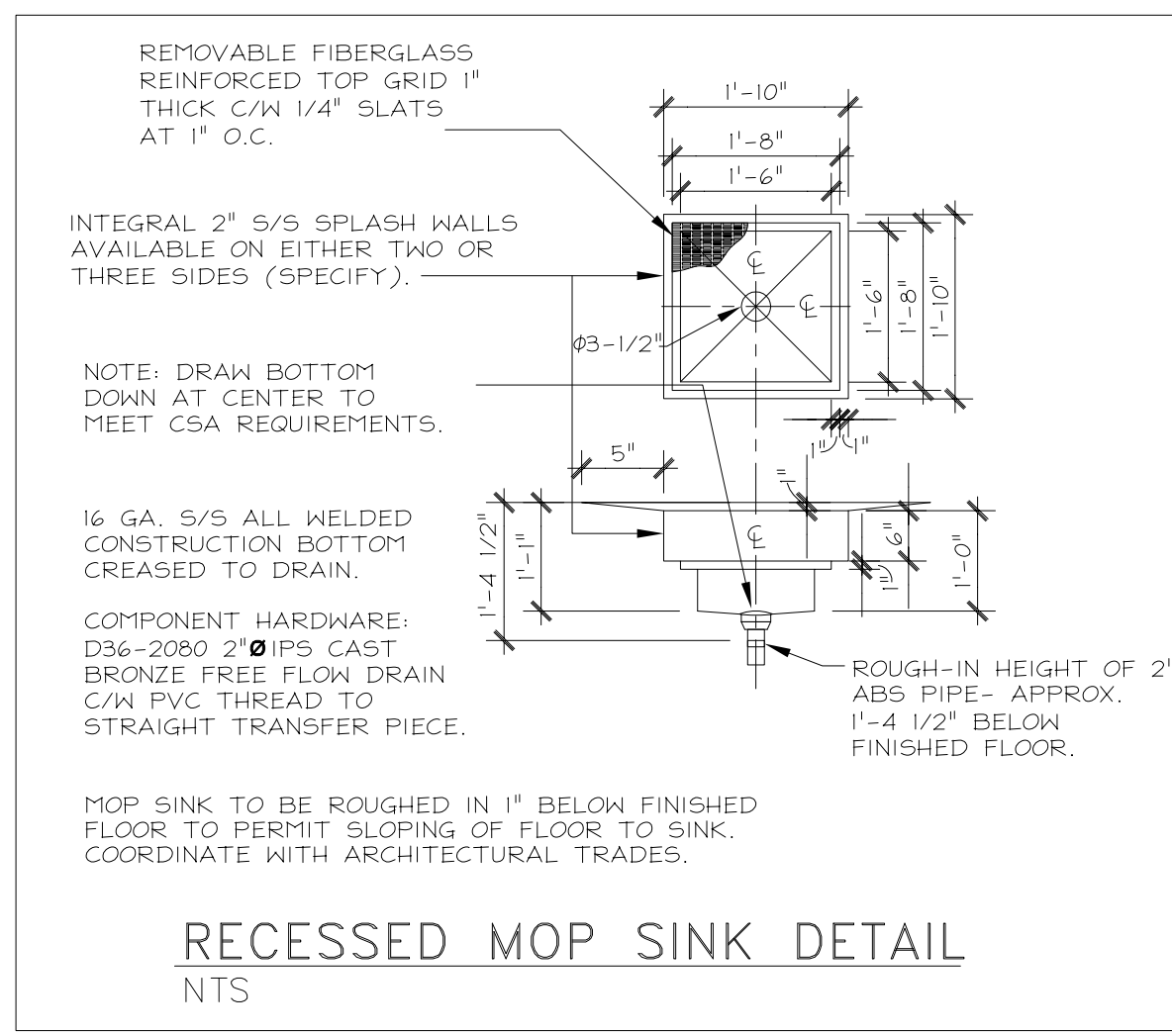
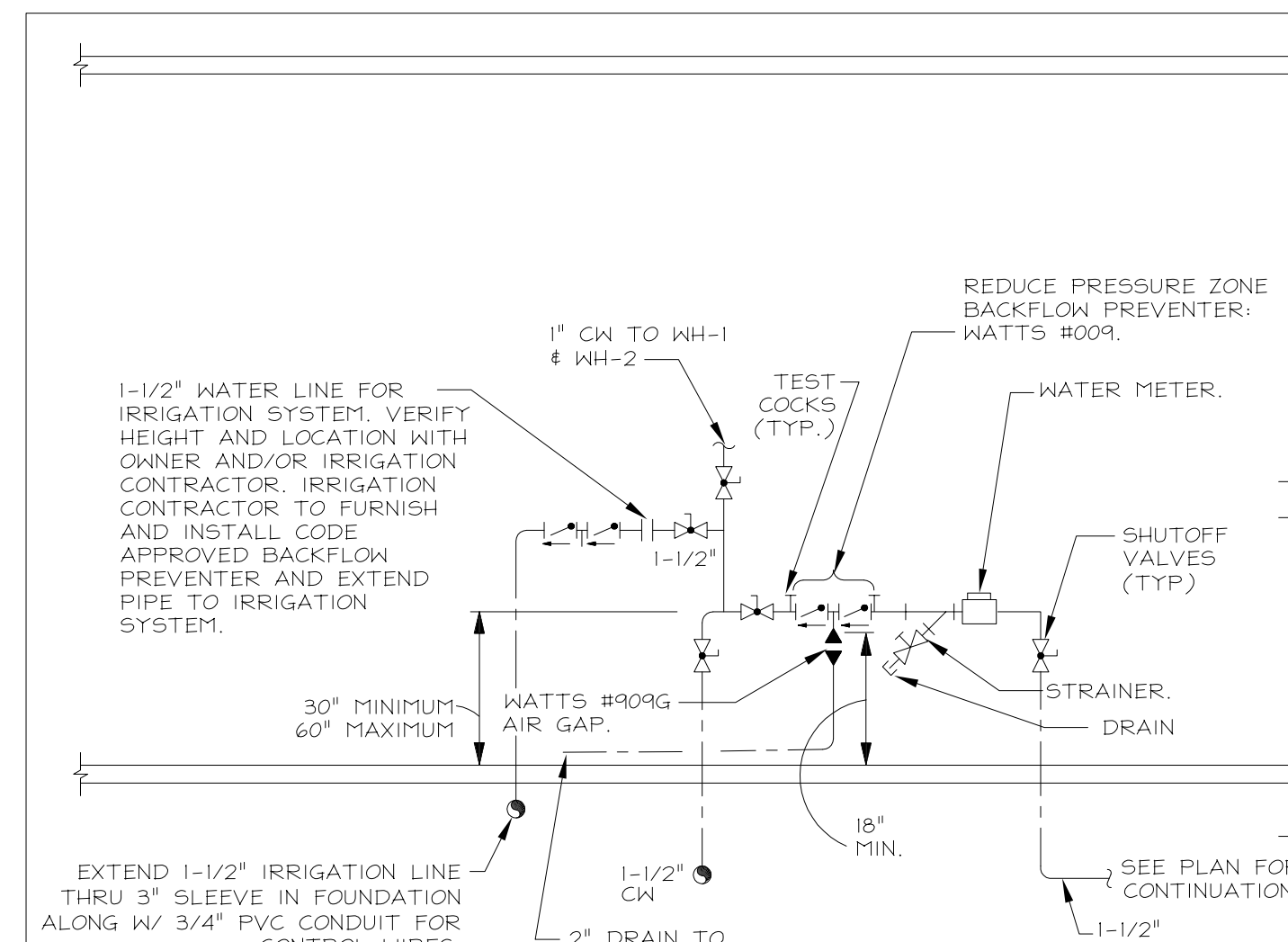


**PARTIAL PLUMBING FLOOR PLAN**  
1/2" = 1'-0"



**RECESSED MOP SINK DETAIL**  
NTS



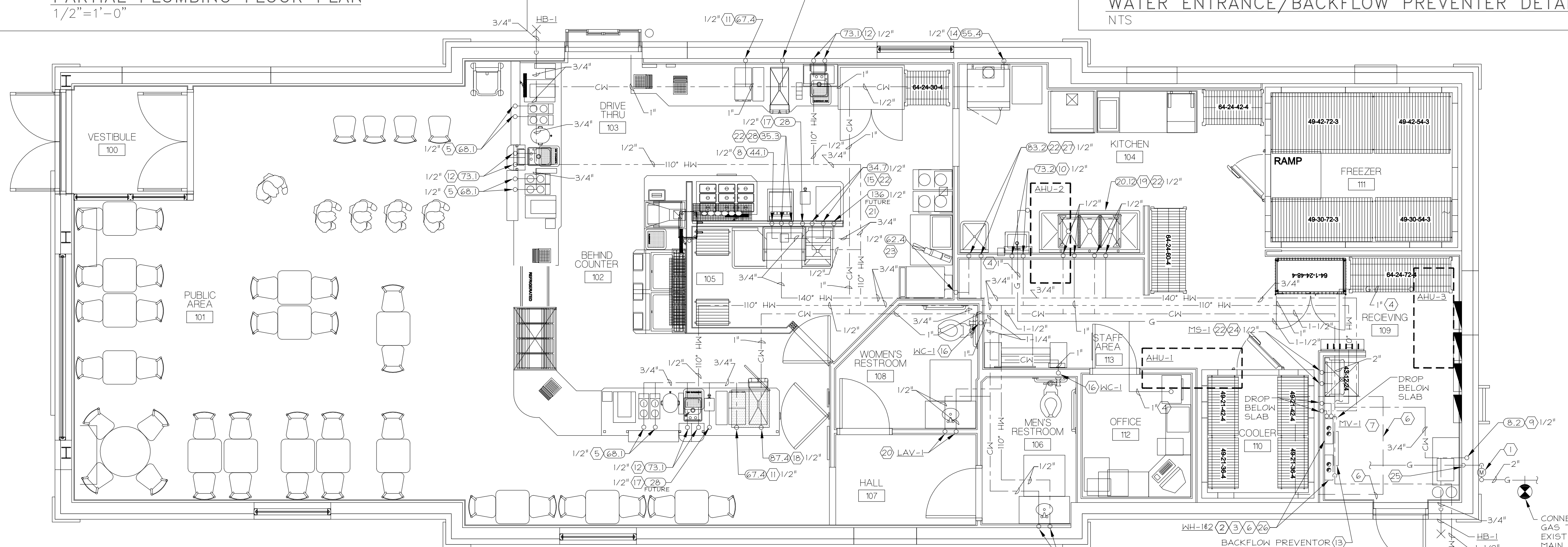
**WATER ENTRANCE/BACKFLOW PREVENTER DETAIL**  
NTS

**GENERAL NOTES**

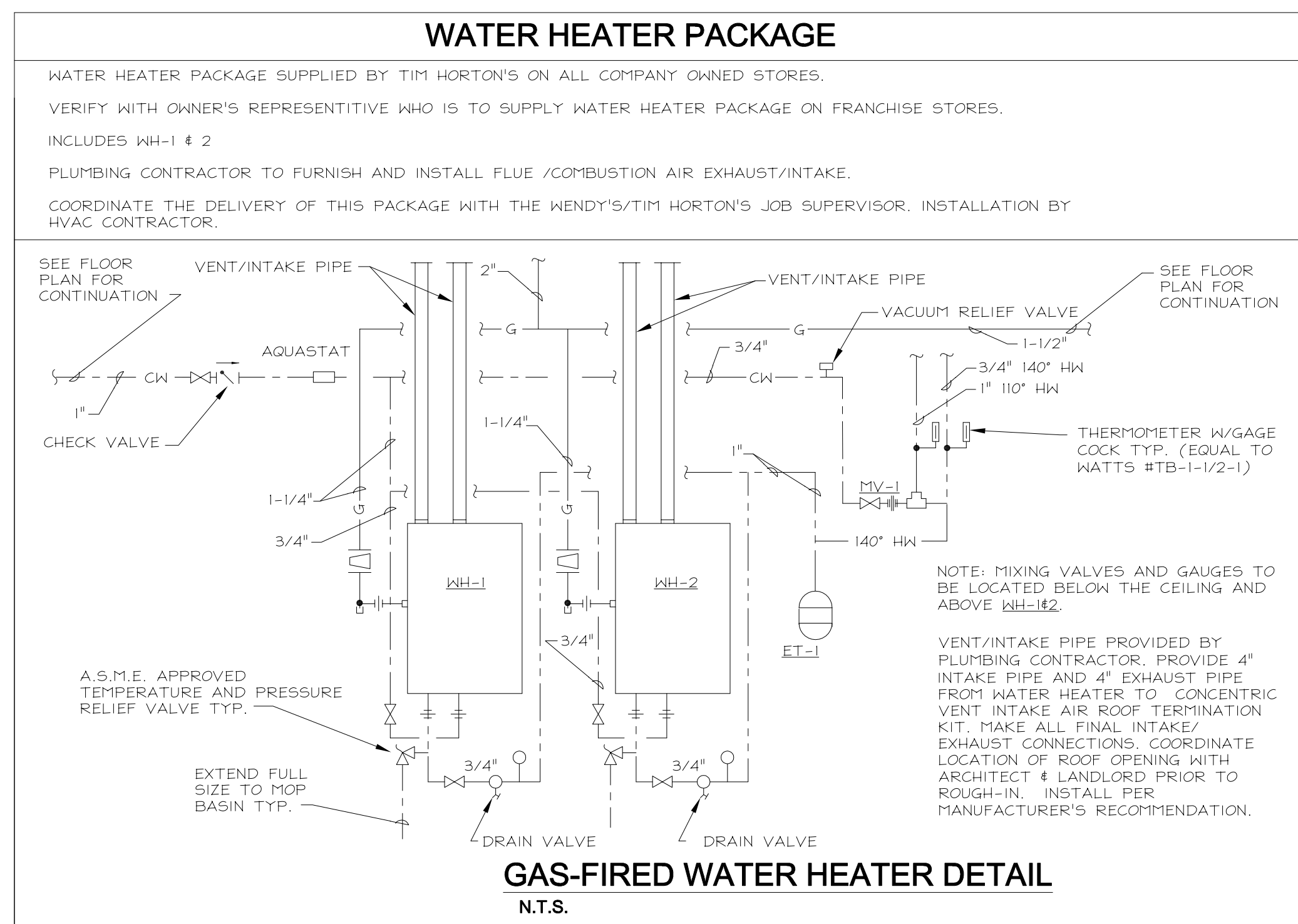
1. ALL COLD, HOT, AND FILTER WATER LINES SHALL BE INSTALLED UNDER SLAB. COORDINATE WITH OTHER TRADES PRIOR TO ROUGH-IN OF PIPING TO PREVENT CONFLICT.
2. COORDINATE LOCATION AND ROUGH-IN HEIGHT OF KITCHEN EQUIPMENT WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN.
3. PLUMBING CONTRACTOR TO MAKE ALL CONNECTIONS TO KITCHEN EQUIPMENT AND MECHANICAL EQUIPMENT UNLESS OTHERWISE NOTED.
4. SEE SHEET P3 FOR KITCHEN EQUIPMENT SCHEDULE, FIXTURE SCHEDULE, AND DETAILS.
5. PROVIDE SHOCK ABSORBERS AT THE END RUN OF ALL WATER PIPING. SIZE AS RECOMMENDED BY PLUMBING AND DRAINAGE INSTITUTE, AND AS RECOMMENDED BY THE MANUFACTURER.
6. ALL PIPING (GAS AND WATER) TO BE CONCEALED IN WALL SPACE WHEN POSSIBLE.
7. ALL HOT AND COLD WATER LINES INSTALLED IN EXTERIOR WALLS ARE TO BE INSTALLED ON THE WARM SIDE OF THE INSULATION AND INSULATED TO PREVENT FREEZING.
8. ALL DOMESTIC WATER PIPING SHALL BE PEX PIPING UNLESS PROHIBITED BY LOCAL CODES IN WHICH CASE HARD COPPER SHALL BE USED. IF ALLOWED, PEX PIPING TO BE INSTALLED TO MEET ALL LOCAL CODES.

**CODED NOTES**

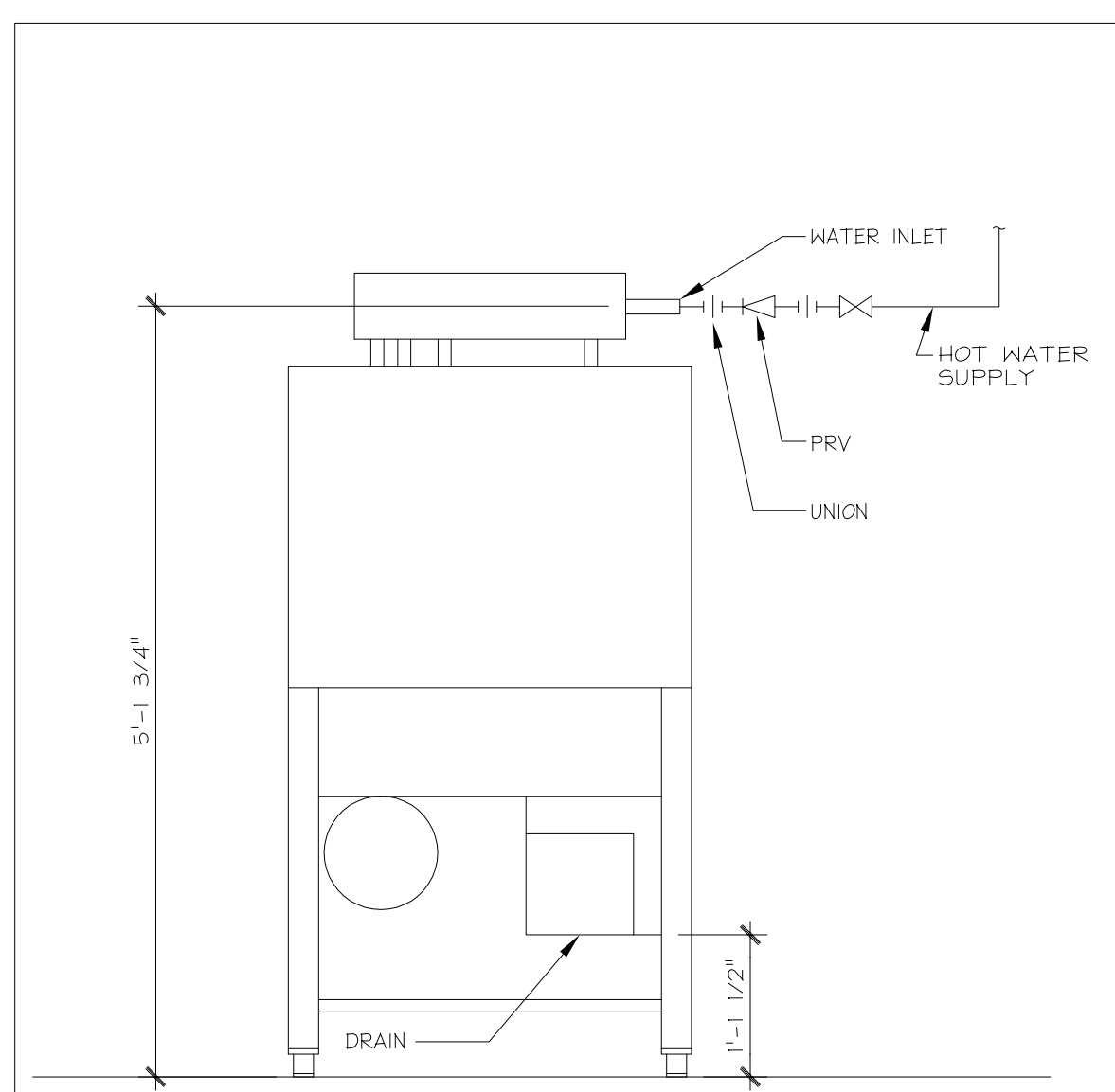
- 1 PLUMBING CONTRACTOR TO PROVIDE GAS METER AND REGULATOR PER LOCAL GAS COMPANY. COORDINATE WITH LOCAL GAS COMPANY FOR METER AND REGULATOR STANDARDS PRIOR TO ROUGH-IN.
- 2 PLUMBING CONTRACTOR TO PROVIDE 6" DIRT LEG AND GAS COCK AT WATER HEATER.
- 3 PLUMBING CONTRACTOR TO PROVIDE 4" INTAKE PIPE AND 4" EXHAUST PIPE FROM WATER HEATER TO CONCENTRIC VENT AIR INTAKE ROOF TERMINATION KIT. MAKE ALL FINAL INTAKE/EXHAUST CONNECTIONS. COORDINATE LOCATION OF ROOF OPENING WITH ARCHITECT PRIOR TO ROUGH-IN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 4 EXTEND GAS LINE TO AIR HANDLING UNIT AND PROVIDE GAS COCK, 6" DIRT LEG, 1/2" CFH. PLUMBING CONTRACTOR TO MAKE FINAL CONNECTION. COORDINATE EXACT LOCATION OF EQUIPMENT WITH HVAC CONTRACTOR PRIOR TO ROUGH-IN.
- 5 EXTEND LINE UP TO ITEM #68.1 MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION OF EQUIPMENT WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 6 SEE WATER HEATER DETAIL ON THIS SHEET FOR CONTINUATION OF WATER LINES.
- 7 MIXING VALVE TO BE INSTALLED IN AN ACCESSIBLE LOCATION. SEE DETAIL ON THIS SHEET.
- 8 EXTEND 1/2" COLD WATER UP TO 12" A.F.F. FOR ITEM #44.1. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 9 EXTEND 1/2" COLD WATER UP TO 60" A.F.F. FOR ITEM #5.2. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 10 EXTEND 1/2" HOT AND COLD WATER UP TO 24" A.F.F. FOR ITEM #73.2. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 11 EXTEND 1/2" COLD WATER UP TO 44" A.F.F. FOR ITEM #67.4. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 12 EXTEND 1/2" HOT AND COLD WATER LINES UP TO ITEM #73.1. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION OF SINK WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 13 PLUMBING CONTRACTOR PROVIDE PRESSURE REDUCING BACKFLOW PREVENTER. SEE WATER ENTRANCE/BACKFLOW PREVENTER DETAIL ON THIS SHEET.
- 14 EXTEND 1/2" COLD WATER LINE UP IN WALL TO ITEM #55.4 TO 44" A.F.F. PROVIDE A SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- 15 EXTEND 1/2" HOT AND COLD WATER LINES UP TO 18" A.F.F. TO ITEM #54.7. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION OF SINK WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE WITH SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 16 EXTEND 1" COLD WATER LINE UP TO APPROXIMATELY 30" +/- A.F.F. TO THE WATER CLOSET FLUSH VALVE. SEE SHEET A9 FOR MORE INFORMATION. COORDINATE EXACT LOCATION WITH THE MANUFACTURER'S EQUIPMENT PRIOR TO ROUGH-IN.
- 17 EXTEND 1/2" COLD WATER UP TO 44" A.F.F. FOR ITEM #26. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 18 EXTEND 1/2" COLD WATER UP INTO CABINET SPACE TO 44" A.F.F. FOR ITEM #87.4. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 19 EXTEND 1/2" 140°F HOT AND COLD WATER LINES UP TO 18" A.F.F. TO ITEM #20.12. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION OF FAUCETS WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE WITH SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 20 EXTEND 1/2" HOT AND COLD WATER LINES UP TO 18" A.F.F. TO THE LAVATORY. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE WITH SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 21 EXTEND 1/2" COLD WATER UP TO 44" A.F.F. FOR FUTURE ITEM #136 AND #87. PROVIDE SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 22 FURNISH AND INSTALL CHECK VALVES IN THE COLD WATER AND HOT WATER SUPPLY TO PLUMBING FIXTURE/KITCHEN EQUIPMENT INDICATED. VALVES ARE TO BE LOCATED IN AN ACCESSIBLE LOCATION.
- 23 EXTEND 1/2" COLD WATER UP TO 60" A.F.F. FOR ITEM #62.4. PROVIDE SHUT-OFF VALVE, BACKFLOW PREVENTER, AND FLEXIBLE COPPER TUBING AS REQUIRED TO MAKE FINAL CONNECTION.
- 24 EXTEND 1/2" HOT AND COLD WATER LINES UP TO 30" A.F.F. TO THE MOP SINK FAUCET. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
- 25 2" GAS LINE TO RISE UP IN HALL TO ABOVE CEILING.



**PLUMBING PLAN-WATER**  
1/4" = 1'-0"



**GAS-FIRED WATER HEATER DETAIL**  
N.T.S.



**DOOR TYPE DISHWASHER DETAIL**  
NTS

**CODED NOTES**

- 26 DROP 1-1/4" GAS LINE DOWN TO WATER HEATER.
- 27 EXTEND 1/2" 140°F HOT AND COLD WATER LINES UP TO 18" A.F.F. TO ITEM #83.2. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION OF SINK WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE WITH SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.
- 28 EXTEND 3/4" 140°F HOT WATER LINE UP TO 54" A.F.F. TO ITEM #35.3. EXTEND 1/2" CW UP TO 24" A.F.F. TO DRAIN QUENCH SYSTEM SUPPLIED WITH UNIT. MAKE ALL FINAL CONNECTIONS. COORDINATE EXACT LOCATION WITH KITCHEN SUPPLIER PRIOR TO ROUGH-IN. PROVIDE WITH SHUT-OFF VALVE WITH 1/2" SWEAT TO 3/8" COMPRESSION FITTING.

**GAS LOADS**

AHUs	3% MBH
NTR. HTRS.	472 MBH
TOTAL	868 MBH

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**PLUMBING PLAN - DOMESTIC WATER**

DRAWN BY: KRO  
CHECKED BY: JTP

DATE ISSUED: 07-02-2008

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DRAWING NUMBER: P2