

Order Plans

LEGEND

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| | KITCHEN EQUIPMENT IDENTIFICATION TAGS AND DETAIL KEYS. SEE KITCHEN EQUIPMENT PLANS FOR ITEMS SHOWN WITH THESE MARKINGS ON THIS SHEET, AND A COMPLETE LIST OF EQUIPMENT FOR THIS PROJECT. |
| --- | COLD WATER |
| - - - - | HOT WATER |
| - · - · - | HOT WATER RETURN |
| | CHECK VALVE |
| | REDUCED PRESSURE ZONE |
| | BACKFLOW PREVENTION DEVICE |
| | SHUT-OFF VALVE |
| | QUARTER TURN BALL VALVE |
| | FPWH FREEZE PROOF WALL HYDRANT |
| | GAS SOLENOID VALVE |
| | TP-X TRAP PRIMER VALVE |
| | GAS COCK (VALVE) |

KEY NOTES

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| 1. 2" DOMESTIC WATER SERVICE TO BUILDING. CONTRACTOR TO INSTALL MAIN SHUT-OFF VALVE. SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION OF SERVICE LINE IN YARD. | 10. SHUT-OFF VALVE ABOVE LAY-IN CEILING OR EXPOSED. PROVIDE ACCESS PANEL WHEN INSTALLED ABOVE HARD CEILING. | 18. NOT USED | 25. NOT USED |
| 2. INSTALL MIXING VALVE MV-1 BELOW FIXTURE. CONNECT TO SUPPLY PIPING AT FIXTURE. SET WATER TEMP. @ 110° F. SEE DETAIL SHEET #6/P202. | 11. INSTALL CHECK VALVES ON WATER SUPPLY LINES TO FIXTURE OR EQUIPMENT. CHECK VALVES TO BE ABOVE CEILING OR AT FIXTURE SUPPLY. SEE RISER DIAGRAM. | 19. WATER SUPPLY TO MOP SINK AND ECOLAB EQUIPMENT WITH TMV AND RPZ. INSTALL CHECK VALVES ON WATER SUPPLY PIPING FOR THIS EQUIPMENT. SEE ECOLAB WATER SUPPLY DETAIL ON SHEET P202 FOR PIPING. | 26. DROP PIPING DOWN TO BAR AND ROUTE BELOW BAR TOP. |
| 3. 3/4" FILTERED WATER SUPPLY TO ICE MACHINE AND COFFEE BREWER. SEE THE FILTERED WATER SCHEMATIC ON SHEET P202. PROVIDE BFP AS DETAILED. | 12. WATER SUPPLY TO WATER FILTER EQUIPMENT. INSTALL WATTS MODEL NUMBER S809Q1-5 RPZ BFP WITH "Y" STRAINER. INSTALL VALVE AT A SERVICEABLE HEIGHT ON WALL PRIOR TO CONNECTION AT WATER FILTER EQUIPMENT. TERMINATE RPZ DRAIN FULL SIZE AT FLOOR DRAIN BELOW WITH GOOD REQUIRED AIR-GAP. FILTERED WATER PIPING INSTALLED BY OTHER CONTRACTORS REFERENCE THE WATER FILTER SCHEMATIC ON SHEET P202. | 20. NOT USED | 27. 6" FIRE SPRINKLER SERVICE TO BUILDING. SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION OF SERVICE LINE IN YARD. |
| 4. INSULATED 1 1/2" HOT & COLD WATER PIPING TO WATER HEATER. TERMINATE T&P RELIEF DRAIN PIPING AT FLOOR SINK BELOW. TURN DOWN WITH 90° BEND. SEE WATER HEATER DETAIL. 38/P202. | 13. LOW PRESSURE GAS PIPING DOWN TO WATER HEATER TO MAKE FINAL CONNECTION. SEE WATER HEATER DETAIL. ON SHEET P202. | 21. NOT USED | 28. WATER SUPPLY TO ECOLAB EQUIPMENT WITH RPZ. SEE PLUMBING SCHEDULE SHEET P401. FINAL CONNECTIONS TO ECOLAB EQUIPMENT BY VENDOR. |
| 5. HOT WATER RECIRCULATING PUMP WITH 3/4" CONNECTIONS. RECIRCULATING PUMP TO BE CORD AND PLUG. | 14. GAS PIPING DOWN FROM ROOF TO EQUIPMENT. PENETRATE ROOF WITH WATER TIGHT PIPE SLEEVE. COORDINATE WITH ROOFING CONTRACTOR. SEE DETAIL ON SHEET P202. | 22. NOT USED | 29. PROVIDE UNISTRUT CHANNEL AND PIPE CLAMP #P2558 TO SUPPORT GAS PIPING ON WALL. |
| 6. 3/4" CW TO ROOF HYDRANT ON ROOF. | 15. LOW PRESSURE GAS PIPING TO COOK LINE. PROVIDE ISOLATION SHUT-OFF VALVE AND DIRT LEG AT HEADER. SEE GAS RISER DIAGRAM. PAINT ALL EXPOSED PIPING ON WALL AND BEHIND COOK LINE BLACK. | 23. GREASE WASTE RECOVERY LINE - REFER TO SHEET P301 FOR ROUGH-IN INFORMATION. | 30. NOT USED |
| 7. TRAP PRIMER VALVE TP-1 OR TP-2 FOR FLOOR DRAIN. TURN TRAP PRIMER LINE DOWN IN WALL AND EXTEND BELOW FLOOR TO DRAIN. SEE TRAP PRIMER VALVE DETAILS FOR TP-1 & TP-2 ON PLUMBING DETAIL SHEET P202. | 16. PROVIDE MECHANICAL GAS VALVE BELOW CEILING FOR COOKING EQUIPMENT. INTERLOCK WITH G.C. PROVIDED ANSUL FIRE PROTECTION SYSTEM AT HOOD. SEE DETAIL ON SHEET P202. | 24. FILTERED WATER SUPPLY TO EQUIPMENT THRU SODA BUNDLE BY SODA EQUIPMENT VENDOR TYPICAL. FILTERED WATER PIPING REFERENCE THE WATER FILTER SCHEMATIC 10/P202. | 31. TEMPERED WATER SUPPLY TO ECOLAB EQUIPMENT WITH RPZ. THERMOSTATIC MIXING VALVE SHALL BE SET @ 100°. FINAL CONNECTIONS TO ECOLAB EQUIPMENT BY VENDOR. |
| 8. WATER SUPPLY TO CARBONATORS PROVIDED THRU A STAINLESS STEEL RPZ VALVE ON WATER FILTER SYSTEM. SEE WATER FILTER SCHEMATIC ON SHEET P202. | 17. GAS CONNECTION POINTS FOR KITCHEN EQUIPMENT. SEE KITCHEN PLANS FOR FINAL CONNECTION REQUIREMENTS. PROVIDE AND INSTALL QUARTER TURN GAS COCK, AND QUICK DISCONNECT ADAPTER. | | 32. WATER FILTER FOR ICE MACHINE AND COFFEE/TEA BREWER. INSTALL FILTER IN ACCESSIBLE LOCATION NEAR KITCHEN EQUIPMENT DRAWINGS FOR EQUIPMENT LOCATIONS. |

FIRE PROTECTION

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTING WITH A CERTIFIED FIRE PROTECTION SPECIALIST. FIRE PROTECTION SPECIALIST TO PROVIDE, FOR APPROVAL, CONSTRUCTION DOCUMENTS AND SPECIFICATIONS TO THE GOVERNING AUTHORITIES HAVING JURISDICTION. THE DOCUMENTS SHALL INCLUDE BUT NOT BE LIMITED TO THE INSTALLATION OF A NEW FIRE PROTECTION SYSTEM AND/OR THE ADJUSTMENT OF AN EXISTING SPRINKLER SYSTEM. ALL FIRE PROTECTION SYSTEMS SHALL BE COORDINATED WITH ALL OTHER TRADES AND ARCHITECTURAL CHARACTERISTICS OF THE PROJECT.

PLUMBING NOTES

A. ALL WATER PIPING IN BUILDING ABOVE CEILINGS, IN WALLS, AND BELOW FLOORS SHALL BE INSULATED AS REQUIRED BY THE IECC ENERGY CONSERVATION CODE. INSULATE PIPING TO PROTECT FROM FREEZING AND PROVIDE SOUND PROOFING.

B. CONTRACTOR TO COORDINATE WITH ALL REQUIREMENTS OF FOOD SERVICE PLANS AND PROVIDE ALL WORK SHOWN, ON BOTH PLUMBING AND KITCHEN PLANS.

C. ALL WORK TO BE IN COMPLIANCE WITH PREVAILING CODES.

D. WATER LINES TO BE INSIDE OF WALLS, SURFACE MOUNTED WORK IS NOT ACCEPTABLE.

E. ALL WATER LINES TO BE VALVED AT STUB-IN LOCATIONS.

F. PROVIDE WATER HAMMER ARRESTORS IN LINE BEFORE ALL SOLENOID VALVES. I.E. AT DISHWASHER, DISPOSER(S), ICE MAKER(S), STEAMER(S), ETC.

G. COOKING EQUIPMENT GAS PRESSURE TO BE 7-14" W.C. FOR NATURAL GAS AND 10" W.C. FOR LP GAS.

H. PROVIDE A GAS SOLENOID VALVE WITH INTERLOCK TO EXHAUST VENTILATOR FIRE PROTECTION SYSTEM.

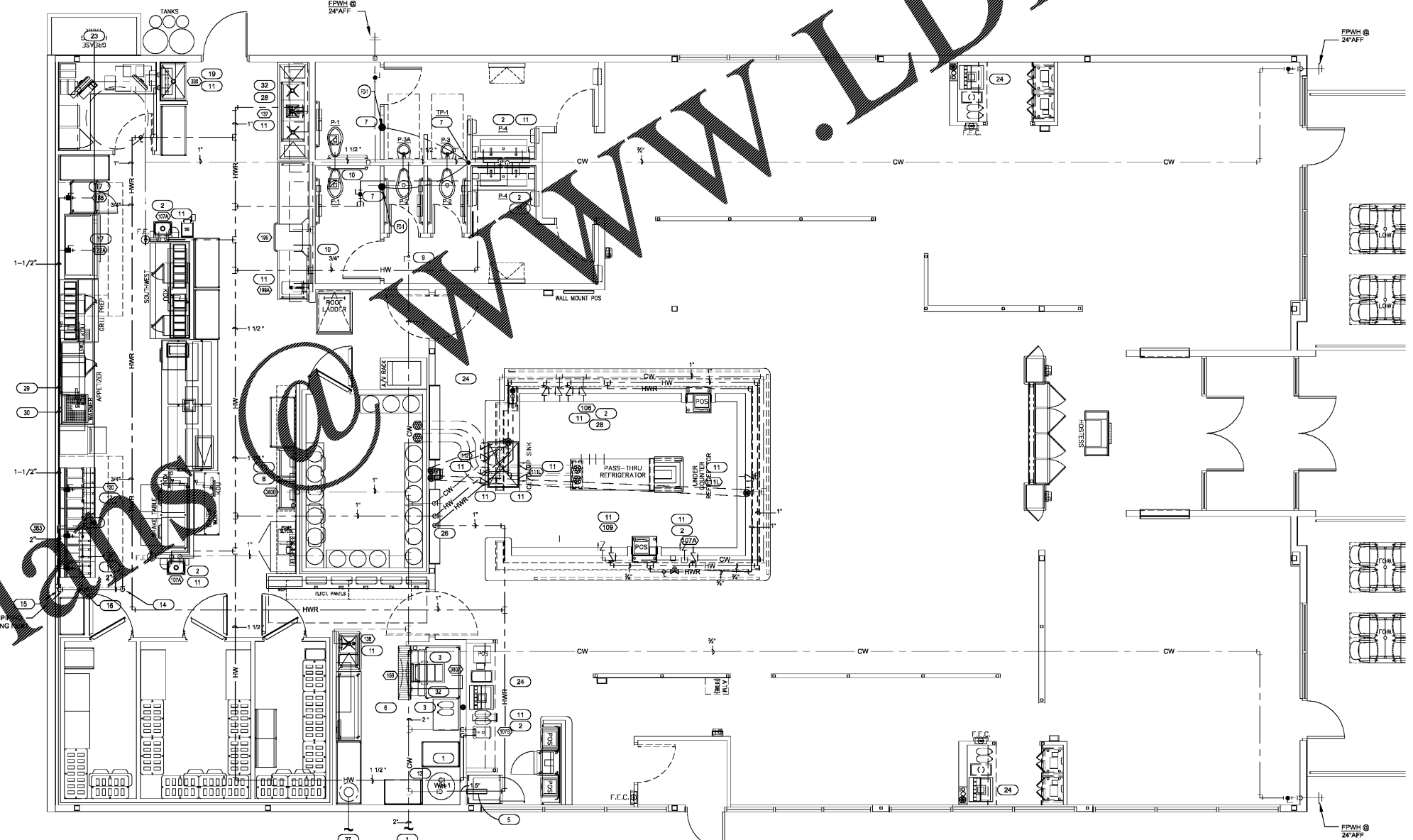
J. PROVIDE A CHECK VALVE IN CARBONATOR WATER SUPPLY LINE.

K. PROVIDE PIPE HANGERS; FOR ALL PIPING SYSTEMS, SEE DETAIL ON SHEET P202.

L. PROVIDE CHECK VALVES ON SUPPLIES ON ALL HAND SINKS.

M. EXPOSED GAS PIPING SHALL BE PAINTED.

N. REFER TO SECTION 3.06 OF SPECIFICATION 23-6059 BASIC MATERIALS AND METHODS FOR PIPE IDENTIFICATION REQUIREMENTS.



WATER & GAS PLAN
SCALE: 1/4"=1'-0"

CERTIFICATION

PRANGER GROUP INC.
PROJECT MANAGER

PROJECT NUMBER
5748

BUFFALO WILD WINGS
BIRMINGHAM
1416 4th AVENUE SOUTH,
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DRAWING ISSUE

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Drawing Title
WATER & GAS FLOOR PLAN

P201