

DESIGN PROFESSIONALS



ARCHITECTURE
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ISSUE/REVISION RECORD

Table with 2 columns: DATE and DESCRIPTION. Row 1: 2018.08.22 PERMIT ISSUE.



RACETRAC PETROLEUM, INC.
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PROJECT NAME

GRIFFIN

GRIFFIN
GEORGIA
1638 US HWY 41
GRIFFIN, GA 30223

RACETRAC PROJECT NUMBER

#1242

PROTOTYPE SERIES 5.5K 2.0
2018 LH MO

PLAN MODIFICATION NOTICE

Table with 2 columns: SPB NO. and DATE.

STANDARD PLAN BULLETINS (SPB) MODIFY THE PROTOTYPE SERIES SET NOTED ABOVE. THE LISTED SPB REPRESENTS THE LATEST MODIFICATION INCORPORATED TO THIS PROTOTYPE SERIES SET AT ORIGINAL RELEASE. THE ISSUE/REVISION RECORD COLUMN ABOVE LISTS ANY REVISIONS OR SPB INCORPORATED IN THIS SET AFTER THE ORIGINAL RELEASE. CONTACT RACETRAC ENGINEERING AND CONSTRUCTION FOR ANY SUBSEQUENT BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL



PROJECT NUMBER
17.721.00

SHEET TITLE

PLUMBING NOTES
AND LEGENDS

SHEET NUMBER

P001

ISSUED FOR PERMIT

PLUMBING NOTES

- 1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH 2012 IPC, APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
- 2. PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL CONDITIONS.
- 3. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMAN LIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL. ALL EXCAVATION AND BACKFILL, AS REQUIRED FOR THIS PHASE OF CONSTRUCTION, SHALL BE A PART OF THIS CONTRACT.
- 4. REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- 5. PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS. PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULAR AUTHORITIES.
- 6. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.
- 7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO THE ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
- 8. VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
- 9. WATER DISTRIBUTION PIPING EXPOSED ABOVE GROUND AND BELOW GROUND SHALL BE ASTM A888 TYPE "L" COPPER WATER DISTRIBUTION PIPING CONCEALED IN WALLS AND ABOVE CEILING SHALL BE ASTM A886 CPVC, APPROVED FOR POTABLE WATER USAGE. COORDINATE WITH LOCAL JURISDICTION FOR ADDITIONAL REQUIREMENTS.
- 10. DRAIN AND MANIFOLD PIPING UNDER 1-COMPARTMENT AND 3-COMPARTMENT SINKS SHALL BE TYPE "L" COPPER.
- 11. SOIL, WASTE, AND VENT PIPING SHALL BE NO HUB ASTM A252 CAST IRON OR ASTM D 2665 PVC, WHERE CODE ALLOWS. PVC MAY NOT BE USED THRU REFRIGERATOR FIRE ASSEMBLIES OR THRU PLENUMS.
- 12. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE TOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- 13. FURNISH AND INSTALL APPROVED WATER HAMMER ARRESTORS AS SHOWN ON DOMESTIC WATER ISOMETRIC, SIZED PER LOCATION. REFER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WH-PDI 201.
- 14. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS. ISOLATE COPPER FROM IRON OR SUPPORTS WITH ISOLATOR PADS OR MATERIAL.
- 15. PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DETECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DETECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASES OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- 17. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTORS. ACCESS PANELS IN FIRE RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
- 18. PROVIDE COMBINATION COVER PLATE AND CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS FINISH TO MATCH FIXTURE TRIM.
- 19. ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
- 20. ALL CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH 1/2" ARMAFLEX INSULATION. PVC PIPING WITH ARMAFLEX INSULATION MAY BE USED IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. SEE PLUMBING DRAWINGS FOR SIZE AND LOCATION OF PIPING.
- 21. PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
- 22. WATER PIPING INSULATION SHALL BE 1" ARMAFLEX INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS FOR ALL HOT WATER PIPING. ALL COLD WATER PIPING SHALL BE INSULATED WITH 1/2" ARMAFLEX INSULATION, PER 2009 IECC.
- 23. PLUMBING CONTRACTOR SHALL COORDINATE INVERT ELEVATION OF EXISTING SANITARY WASTE DRAINAGE PIPING WITH NEW PIPING PRIOR TO INSTALLATION.
- 24. GENERAL CONTRACTOR TO SEAL ALL PENETRATIONS IN WALLS AND CEILINGS.
- 25. GENERAL CONTRACTOR TO PROVIDE AND INSTALL QUICK CONNECTIONS / ISOLATION VALVES AT ALL BEVERAGE MACHINES.
- 26. INDIRECT DRAIN LINES FROM FOUNTAINS, ICE MACHINES, COLD PANS, & OTHER REFRIGERATED MACHINES SHALL BE INSULATED.
- 27. CONDENSATE LINES IN COOLERS AND FREEZERS SHALL BE INSULATED. INSTALL HEAT TRACE FOR CONDENSATE LINES IN FREEZER.

CONTRACTOR PROVIDED PLUMBING FIXTURE SCHEDULE

Table with 2 columns: Description and Model/Specs. Rows include FD-1, FD-2, FS-1, FS-2, FS-3, TP, HYD, HYD-R, RECIRC PUMP, FCO, WCO, GCO, MV-1, MV-2.

GENERAL NOTES:
(1) - FIXTURES SHALL BE AS SHOWN.
(2) - ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF IPC 2012.
(3) - ALL FIXTURES TRIM PACKAGES INCLUDING BUT NOT LIMITED TO TRAP, ANGLE STOP, FLUSH VALVE, SUPPLY TUBES, AND CLEANOUT COVER PLATES SHALL BE POLISHED CHROME FINISH THE SAME AS ZURN Z6930 FAUCET AND PER ARCHITECTURAL FINISH SCHEDULE.
(4) - ALL FIXTURES SHALL BE ROUGHED IN PER MANUFACTURER CUT SHEET TO MAINTAIN UNIFORMITY.

SLOPE OF HORIZ DRAINAGE PIPE

Table with 2 columns: SIZE (inches) and MINIMUM SLOPE (inch per foot). Rows for sizes 2-1/2 or less, 3 to 6, and 8 or larger.

PER THE 2012 INTERNATIONAL PLUMBING CODE.

SHOCK ARRESTOR SCHEDULE

Table with 4 columns: P.D.L. DESIGNATION, MANUF. & MODEL, FIXTURE UNITS, CONNECTION. Rows A, B, C.

SILOUX CHIEF SHOCK ARRESTOR APPROVES PER INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.

WATER HEATER RECOVERY CALCULATION

Table with 5 columns: FIXTURE, DEMAND (GPH), QUANTITY, TOTAL (GPH), NOTES. Rows for LAVATOR, HAND SINK, COMP SINK, 1-COMP SINK, MOP SINK.

151 GPH x 0.30 USAGE FACTOR = 45.3 GPH RECOVERY
45.3 - GPH x 0.9 STORAGE FACTOR = 41 GAL TANK MINIMUM. 50 GAL TANK PROVIDED.
9,000 WATTS
2.42 x 90 F TEMP. RISE = 41.3 GPH RECOVERY PROVIDED.

PLUMBING LEGEND

Table mapping symbols to plumbing components like FCO, WCO, GCO, S.O.V, FD, CW, HW, HWR, VTR, etc.

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