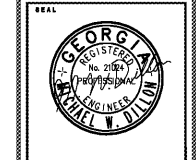


CHAPMAN GRIFFIN LANIER SUSENBACH ARCHITECTS
1000 Peachtree Street, N.E., Suite 1000, Atlanta, Georgia 30309
Phone: 404.733.8800
Fax: 404.733.8804

REGISTERED PROFESSIONAL ARCHITECT
OR CONSTRUCTION INSPECTOR
SPURLOCK ASSOCIATES, INC.
2970 Clairmont Rd., Suite 620
Atlanta, GA 30329
P: 404.633.0245
F: 404.633.1756



DATE	NO.	DESCRIPTION
10/11/18		GEN. INK. SUBMITTAL
10/29/18		ISSUE FOR BD

FIVE FORKS MIDDLE SCHOOL
HVAC & ROOFING RENOVATIONS
FACILITY NO. 667-0279
3250 River Drive, Lawrenceville, GA 30044
GWINNETT COUNTY SCHOOL DISTRICT

SHEET TITLE
PARTIAL FLOOR PLAN - PLUMBING
PROJECT NO. 18007.02
DATE OCTOBER 11, 2018
DRAWN BY J.C.F.
CHECKED BY M.W.D.
SHEET NO.
P-1.11

GENERAL NOTES: (ALL PLUMBING SHEETS)

- CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES OF EXISTING CONDITIONS FROM THAT SHOWN ON PLANS OR OF ANY CONDITION PROHIBITING WORK TO BE INSTALLED AS SHOWN ON PLANS BEFORE WORK IS BEGUN.
- DO NOT SCALE DRAWINGS FOR LOCATIONS OF PLUMBING FIXTURES OR ROOF DRAINS, EMERGENCY ROOF DRAINS, AND FLOOR DRAINS. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- VENTS THRU ROOF MUST BE LOCATED 10'-0" OR MORE FROM OUTSIDE AIR INTAKES ON HVAC SYSTEM AS PER CODE. SEE HVAC DRAWINGS FOR LOCATION OF INTAKES. PROVIDE OFFSETS IN VENTS AS NECESSARY TO MAINTAIN CLEARANCE.
- WHERE 2" VTR IS SHOWN ON PLANS, EXTEND 2" UP TO BELOW ROOF, TRANSITION TO 3" VENT UP THRU ROOF TO ACCOMMODATE ROOF FLASHINGS.
- PLUMBING PIPING SHALL NOT BE INSTALLED IN HVAC SERVICE CLEARANCES. SEE MECHANICAL SHEETS FOR COORDINATION BETWEEN THE TRADES IN CORRIDORS & BUILDING SECTIONS.
- WHERE HANDICAPPED WATER CLOSETS ARE NOT CENTERED IN THE STALL, ROUGH-IN COLD WATER PIPE SO THAT FLUSH VALVE HANDLE WILL BE ON WIDE SIDE OF STALL.
- ALL EXTERIOR CLEANOUTS TO BE LOCATED EQUIDISTANT FROM FACE OF EXTERIOR WALLS.
- INSTALL VALVES IN WATER LINES ABOVE CORRIDOR CEILINGS SO THE VALVE HANDLES ARE ACCESSIBLE. VALVES MUST NOT BE MORE THAN 40" ABOVE CEILING.
- COLD & HOT WATER PIPING DROPS IN CHASES SHALL REMAIN FULL LINE SIZE THROUGHOUT CHASE, UNLESS NOTED OTHERWISE. SEE FIXTURE CONNECTION SCHEDULE FOR ALL BRANCH STUB-OUT PIPE SIZES. REFER TO TYPICAL WATER RISER DETAIL 4/P-301.
- WHERE PIPING IS INSTALLED UNDER PERIMETER FOOTINGS, PIPING SHALL BE INSTALLED IN STEEL CASING. CASINGS SHALL HAVE A MINIMUM OF 1" BEYOND THE EDGE OF THE FOOTING.
- SEWER INVERTS SHOWN ARE REFERENCED FROM TOP OF FLOOR SLAB.
- CONFIRM INVERTS OF EXISTING SEWERS SHOWN ON THE DRAWINGS BEFORE INSTALLING ANY PIPING.
- RAINWATER PIPE SIZING IS BASED ON A 4" RAINFALL RATE. PIPING SHALL BE RUN AT 1% SLOPE, UNLESS NOTED OTHERWISE. INCREASED PIPE CARRY CAPACITY IN ACCORDANCE WITH THE IPC TABLES.
- THE EXISTING PLUMBING EQUIPMENT AND PIPING WAS DRAWN FROM AS-BUILT DRAWINGS. ACTUAL LOCATIONS AND SIZES MAY VARY. CONTRACTOR SHALL FIELD VERIFY SIZES AND LOCATION.
- FIELD COORDINATE ROUTING OF PIPING ON ROOF WITH HVAC CONTRACTOR AND INCLUDE ANY OFFSETS AND OVER ANY ROOF STRUCTURE AND/OR OTHER OBSTRUCTIONS AS REQUIRED.
- CONTRACTOR SHALL COORDINATE ROUTING OF EXISTING PIPING WITH ARCHITECT PRIOR TO INSTALLATION.
- ALL EXTERIOR GAS PRESSURE REGULATORS SHALL BE INSTALLED SO THAT THE RELIEF VENT DISCHARGES DOWN VIA REGULATOR ORIENTATION OR WITH 90 DEGREE ELBOW.
- WHERE STRUCTURAL BEAMS PREVENT TRANSITION BETWEEN FLOORS, SEE DETAIL 2/P-301 FOR OFFSET DETAIL.
- CONTRACTOR SHALL COORDINATE WATER COOLER LOCATIONS WITH ELECTRICAL PRIOR TO INSTALLATION. ELECTRICAL OUTLETS SHALL BE LOCATED WITHIN WATER COOLER CABINET, IN CUT OUT PROVIDED BY WATER COOLER MANUFACTURER, OR CENTERED AND DIRECTLY BELOW WATER COOLER CABINET, IF REQUIRED BY ELECTRICAL INSPECTOR TO BE LOCATED OUTSIDE OF WATER COOLER CABINET.
- CONTRACTOR SHALL PREP, PAINT, AND PAINT EXTERIOR GAS PIPING. COORDINATE COLOR WITH OWNER/ARCHITECT.

FIRE MARSHAL NOTES: (ALL PLUMBING SHEETS)

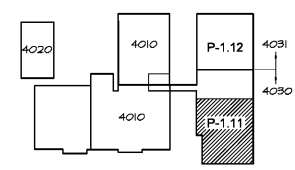
- ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE FIRE STOPPED WITH 3M FIRE BARRIER OR EQUAL PRODUCT MEETING UL 1474 OR ASTM F194 FIRE RATINGS IN ACCORDANCE WITH ARTICLE 300-21 OF THE NATIONAL ELECTRICAL CODE. SEE ARCHITECTURAL FOR DETAILS.
- ALL AREAS OF THE BUILDING EXCEPT CORRIDORS HAVE RETURN AIR PLENUMS ABOVE CEILING. ALL MATERIALS EXPOSED WITHIN PLENUMS ARE REQUIRED TO BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E84.
- SEE MECH DRAWING SECTIONS OF THE BUILDING WITH RETURN AIR PLENUMS. ALL MATERIALS EXPOSED WITHIN PLENUMS ARE REQUIRED TO BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 AS DETERMINED IN ACCORDANCE WITH ASTM E84.
- CONTRACTOR TO OBTAIN STATE/ COUNTY FIRE MARSHAL APPROVAL BEFORE MAKING MODIFICATIONS TO THE SPRINKLER SYSTEM. THIS MAY REQUIRE SPRINKLER SHOP DRAWINGS TO BE SUBMITTED. A PERMIT MUST BE OBTAINED BEFORE ANY SPRINKLER WORK IS INSTALLED.
- THIS NEW SCHOOL BUILDING IS TO BE PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM. VERIFICATION OF AN ADEQUATE WATER SUPPLY SOURCE SHALL BE ESTABLISHED PRIOR TO SUBMISSION OF SPRINKLER SHOP DRAWINGS TO THIS STATE FIRE MARSHAL'S OFFICE FOR REVIEW.

RENOVATION NOTES: (ALL PLUMBING SHEETS)

- WHEN WORKING ABOVE EXISTING LAY-IN CEILING TO REMAIN, REMOVE AND REPLACE CEILING TILES CAREFULLY. THE CONTRACTOR SHALL REPLACE ANY TILES THAT ARE BROKEN DURING CONSTRUCTION.
- ANY CHANGE TO THE WATER, SEWER OR GAS SYSTEM SHALL BE MADE AT A TIME THAT DOES NOT INTERFERE WITH THE OPERATION OF THE BUILDING.
- CONFIRM INVERTS OF EXISTING SEWERS SHOWN ON THE DRAWINGS BEFORE INSTALLING ANY PIPING.
- ALL PIPING RENDERED USELESS DUE TO NEW CONSTRUCTION SHALL BE CONSIDERED "ABANDONED". ABANDONED PIPING BELOW CEILING SHALL BE CAPPED WITHIN THE WALL CAVITY, OR BELOW FINISHED SLAB, UNLESS NOTED OTHERWISE. ABANDONED BELOW SLAB PIPING CONFLICTS WITH THE INSTALLATION OF NEW BELOW SLAB PIPING THE CONTRACTOR SHALL REMOVE A SECTION OF THE ABANDONED PIPING AND CAP BOTH ENDS OF THE ABANDONED PIPING. ALL ABANDONED PIPING ABOVE CEILING OR EXPOSED SHALL BE REMOVED.
- INSTALL STUDOR MAXI VENTS WITH STAINLESS STEEL MAXI GAPS ON EXISTING VENTS THRU ROOF LOCATED WITHIN 10'-0" OF OUTSIDE AIR INTAKES. SEE HVAC DRAWINGS FOR LOCATION OF INTAKES.
- CONTRACTOR SHALL RELOCATE ALL EXISTING PIPING AS NECESSARY TO CLEAR THE REQUIRED SERVICE AREAS OF THE NEW WATER SOURCE HEAT PUMPS AND THE DUCTWORK CHANGES TO OTHER UNITS. THE APPROXIMATE LOCATION OF THE EXISTING PIPING AND THE PROPOSED LOCATION OF THE NEW WATER SOURCE HEAT PUMPS ARE SHOWN ON THE DRAWINGS. SEE MECHANICAL SHEETS FOR COORDINATION BETWEEN THE TRADES IN CORRIDORS & SECTIONS. PLUMBING PIPING SHALL NOT BE INSTALLED IN HVAC SERVICE CLEARANCES.
- IN ALL AREAS INCLUDED IN OVERALL PROJECT CONTRACTOR SHALL REPLACE MISSING OR DAMAGED ESCUTCHEON PLATES.
- IN AREAS WHERE SPRINKLER HEADS LOCATIONS ARE REMAINING AND CEILING TILES ARE BEING REPLACED CONTRACTOR SHALL FIELD VERIFY ONE PIECE AND TWO PIECE ESCUTCHEON/SPRINKLER HEAD ASSEMBLY COUNTS FOR ESCUTCHEON PLATE REINSTALLATION PRICING.
- REMOVE HANGERS AND STRAPS WHERE PLUMBING EQUIPMENT AND/OR PIPING IS SHOWN TO BE REMOVED.
- WHERE ITEMS ARE SAID TO BE REMOVED, THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF THE ITEMS IN ACCORDANCE WITH ALL LOCALS CODES, ORDINANCES AND LAWS.
- WHERE EXISTING EQUIPMENT, PIPE, ETC. IS BEING REMOVED AND NOT REPLACED IN SAME LOCATION, REMOVE ALL EXISTING SUPPORT HARDWARE, BRACKETS, STRAPS, ETC.
- OWNER RESERVES THE RIGHT TO SALVAGE ANY OPERABLE EQUIPMENT OR PARTS. PRIOR TO DEMOLITION, COORDINATE WITH COUNTY MAINTENANCE WHICH EQUIPMENT BEING REMOVED IS TO BE SALVAGED AND DELIVERED TO THEIR WAREHOUSE (RTUS, PUMPS, ETC.)
- WHERE MATERIAL OR OBJECTS ARE REMOVED, RELOCATED OR MODIFIED, CONTRACTOR SHALL PATCH OR REPAIR DAMAGED SURFACE FROM WHICH THE ITEM WAS REMOVED, RELOCATED OR MODIFIED TO MATCH THE ADJACENT MATERIAL OR FINISH.
- CONTRACTOR SHALL PROTECT THE OWNER'S EQUIPMENT FROM DUST, DEBRIS AND DAMAGE AT ALL TIMES DURING THE CONSTRUCTION PROCESS. BOOKS, COMPUTERS, DESKS, ETC. ARE TO BE COVERED IN PLASTIC WHEN LOCATED NEAR CONSTRUCTION AREA. IN THE MEDIA CENTER, COMPUTER LAB AND KITCHEN AREA, ALL SHELVES AND WORK SURFACES SHALL BE COVERED WITH PLASTIC. IF A LIFT IS USED IN HIGH CEILING AREAS THE FLOOR MUST BE PROTECTED BY A LAYER OF HOOD OR CARDBOARD TO PREVENT DAMAGE TO THE TILE OR CARPET. ANY WALL OR FLOOR SURFACE DAMAGED/STAINED BY THE CONTRACTOR SHALL BE CLEANED AND REPAIRED TO MATCH THE EXISTING CONDITION. IN CLASSROOMS, COVER FLOORING UNDER OR NEAR WHERE WORK IS BEING PERFORMED. ALL COMPUTERS, DESKS, TV'S, BOOKCASES, AND CHAIRS IN THE IMMEDIATE 10' VICINITY MUST BE COVERED IN PLASTIC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL PLASTIC NEARBY.
- EXTEND ALL VENTS THRU ROOF AND RE-FLASH AS NECESSARY FOR RE-ROOFING. ALL VENTS SHALL TERMINATE A MINIMUM OF 6'-0" ABOVE NEW ROOFING. FIELD LOCATE ALL EXISTING VENTS THRU ROOF.
- REMOVE, RAISE AND REINSTALL ALL EXISTING GAS PIPING TO REMAIN AS NECESSARY TO FOR RE-ROOFING.

REFERENCED NOTES: (ALL PLUMBING SHEETS)

- 1" GN DN TO COOLING TOWER FILL SOLENOID VALVE - SEE MECHANICAL. INSTALL 1" SHUTOFF VALVE 4'-0" ABOVE FINISHED FLOOR.
- SEE DETAIL 2/P-211 FOR GAS CONNECTION.



PARTIAL FLOOR PLAN - PLUMBING
PL.11 1/8"=1'-0"