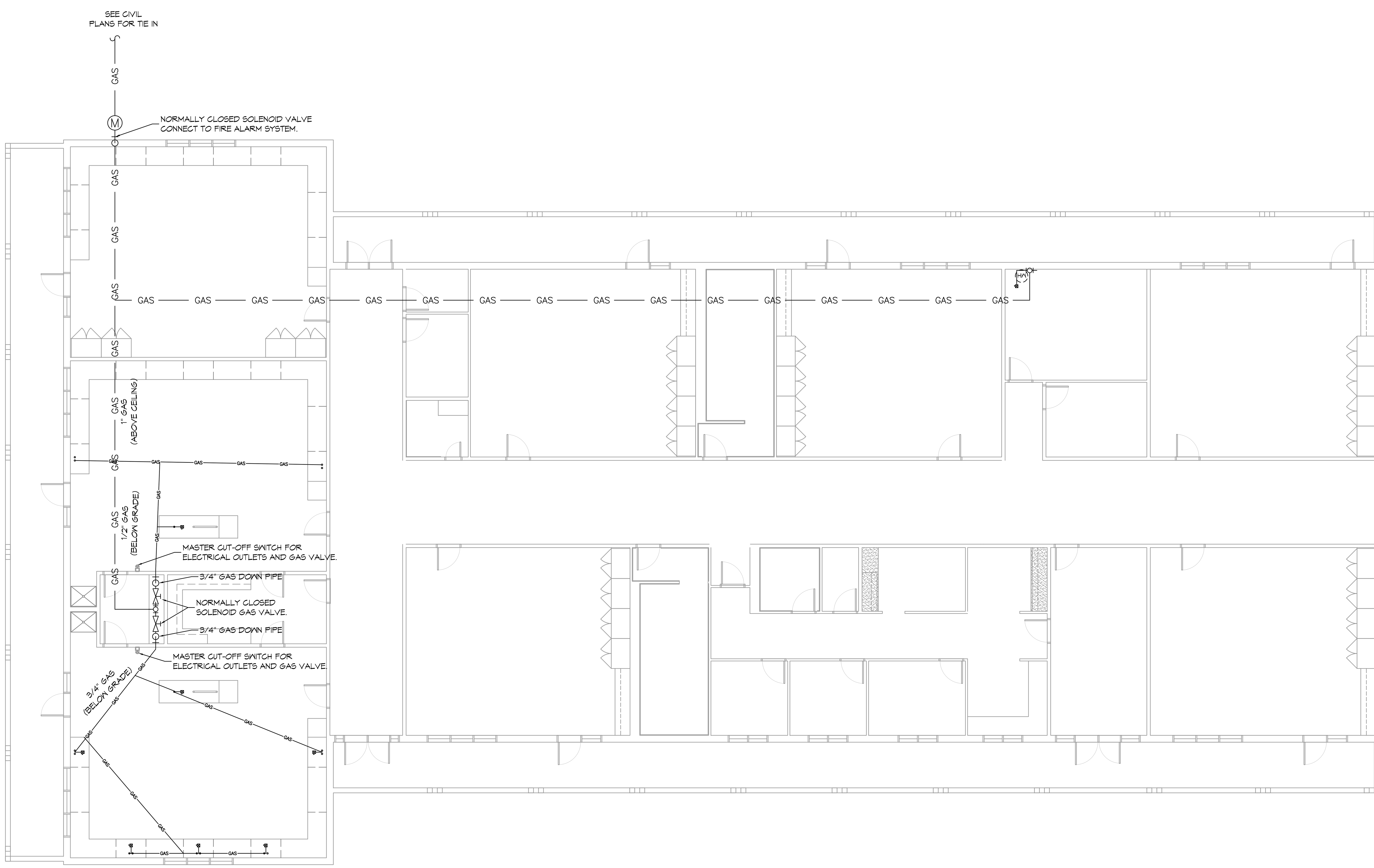
FILE NAME: J:\~ Schools Private\2373 - Christ Episcopal - New Classroom Bldg - McMath\Drawings\Current Drawings\P103 - Natural Gas Plumbing Plan.dwg PLOT DATE & TIME: Friday, May 24, 2019 11:32:18 AM



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1 NATURAL GAS PLUMBING PLAN

SCALE: 1/8" = 1'-0"

GENERAL PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTION. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL, CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
5. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINE 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEMS MECHANICAL SYSTEMS AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
8. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
10. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
11. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
12. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
13. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
14. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
15. ALL PLUMBING LINES SHOWN ARE DIAGRAMMATIC.
16. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO START OF WORK.
17. ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES.
18. CONTRACTOR SHALL PROVIDE TRAP SEAL PRIMERS. FIELD VERIFY LOCATION OF TRAP PRIMER VALVE IN ADEQUATELY SIZED LINE WITH CONSISTENT USAGE. PLACE VALVE IN ACCESSIBLE LOCATION FOR MAINTENANCE.
19. REFER TO MANUFACTURER EQUIPMENT CUT-SHEETS FOR FIXTURE MOUNTING DIMENSIONS.
20. CONTRACTOR TO PROVIDE BACKFLOW PREVENTION DEVICES AS REQ'D ON ALL ICE MACHINES, SODA DISPENSERS & ANY OTHER EQUIPMENT DEEMED APPLICABLE BY GOVERNING CODES.

GENERAL SPRINKLER NOTES

1. SPRINKLER SYSTEM CONTRACTOR SHALL BE LICENSED IN THE STATE OF MISSISSIPPI TO DESIGN AND INSTALL A COMPLETE AND OPERATIONAL SYSTEM.
2. SPRINKLER SYSTEM DESIGN SHALL INCLUDE ATTIC AREAS. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE HEAT FOR ATTIC TO PREVENT ATTIC TEMPERATURE FROM DROPPING BELOW 40° F WHEN OUTSIDE TEMPERATURE IS 20° F.

PLUMBING ABBREVIATIONS

WCO	WALL CLEAN OUT	LVH	LAVATORY IN COUNTER - ACCESSIBLE
FCO	FLOOR CLEAN OUT	SK#	SINK DESIGNATION - SEE FIXTURE SCHEDULE
CO	CLEAN OUT	EW	EMERGENCY EYE WASH STATION
VTR	VENT THROUGH ROOF	FD	FLOOR DRAIN
TD	TROUGH DRAIN	UR	URINAL
TB	TUB	EDF	ELECTRIC DRINKING FOUNTAIN
TBH	TUB - HANDICAP ACCESSIBLE	DFF	DOWN TO FIRST FLOOR
RIS	ADA ROLL-IN-SHOWER		
WC	WATER CLOSET		
LV	LAVATORY IN COUNTER		

95 % COMPLETE

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#	DESCRIPTION	DATE

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JOB No:	2373	DATE:	05-17-2019
DRAWN BY:	CKD	CHECKED BY:	BAM

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DRAWING NUMBER:
P103