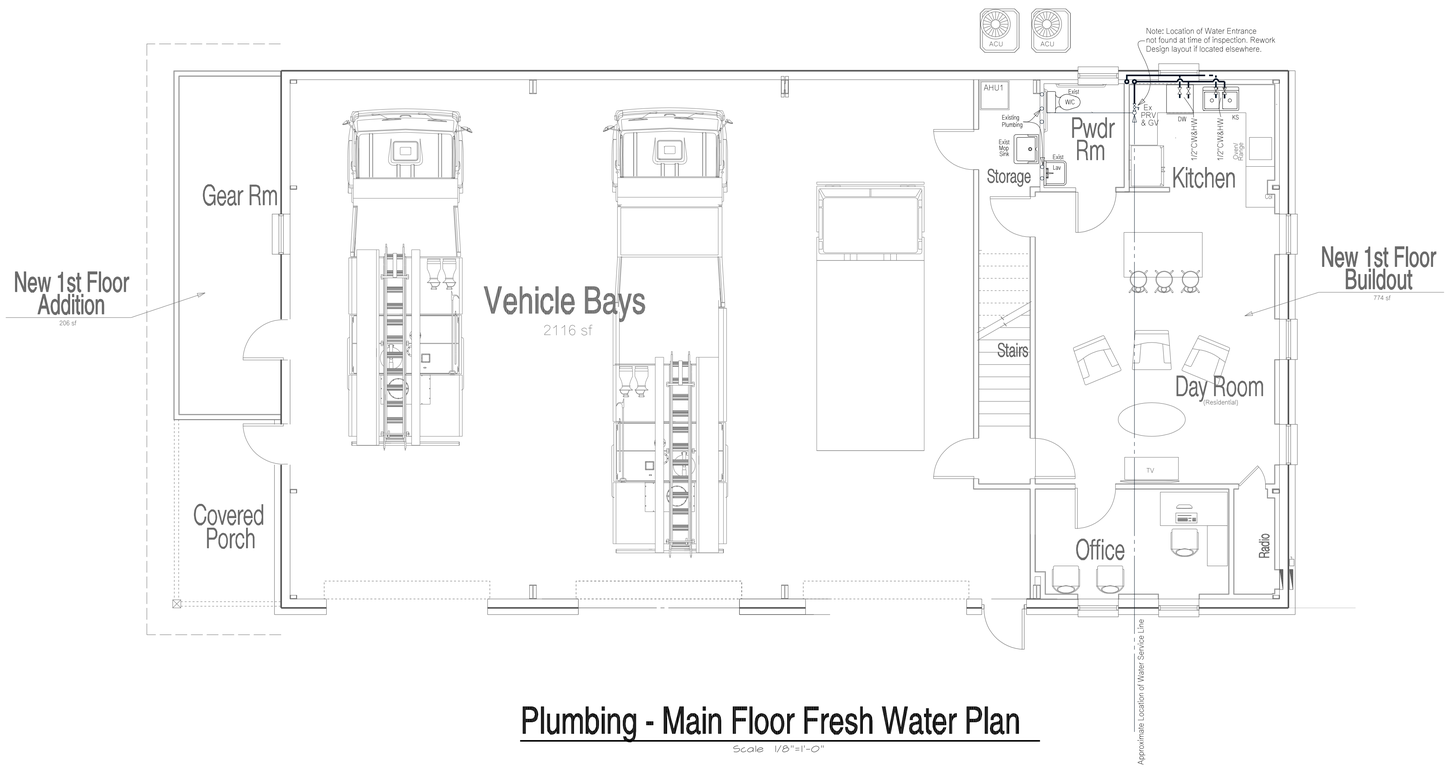
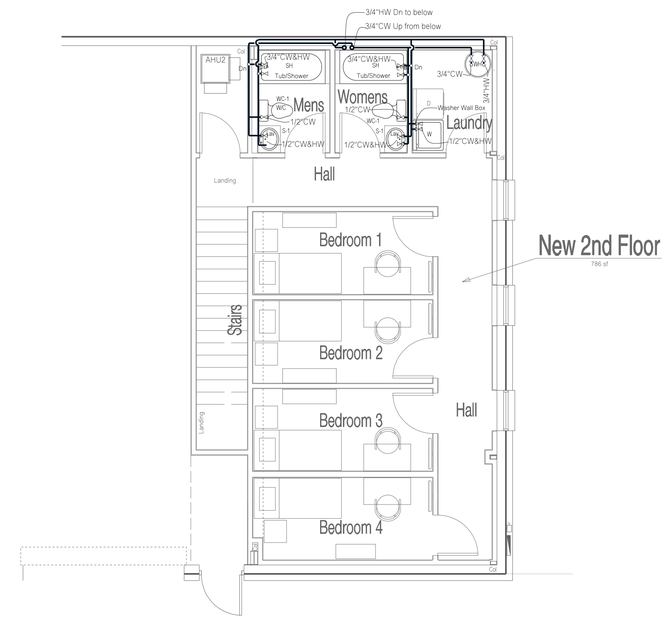


Plumbing - Main Floor Fresh Water Plan

Scale 1/8"=1'-0"



Plumbing - 2nd Floor Fresh Water Plan

Scale 1/8"=1'-0"

Plumbing Legend

- NEW WASTE WATER LINE U/G U/SLAB
- NEW FRESH WATER COLD LINE
- NEW FRESH WATER HOT LINE

	=	P-TRAP
	=	GV - GATE OR SHUT OFF VALVE
	=	PRV - PRESSURE REDUCING VALVE
	=	GAS COCK - CUT-OFF VALVE w/ PIPE EXTENSION DEBRIS COLLECTOR AT EACH GAS TO APPLIANCE CONNECTION U.O.N.
SU =		STUB UP 12" ABOVE SLAB MIN
CO =		CLEAN OUT
SS =		SANITARY SEWER
GSS =		GREASE LADEN SANITARY SEWER
V =		VENT
VTR =		VENT THRU ROOF
U/G =		UNDERGROUND
W/C =		WATER CLOSET
UR =		URINAL
FD =		FLOOR DRAIN
LAV =		LAVATORY/s
FHD =		FLOOR HUB DRAIN
FS =		FLOOR SINK
BV =		BALL VALVE

Plumbing Notes

1. ~~COLD AND HOT WATER PIPING ABOVE GRADE SHALL BE TYPE L HARD DRAWN COPPER TUBING CONFORMING TO ASTM B-88 WITH SWEAT TYPE COPPER OR WROUGHT FITTINGS. JOINTS SHALL BE MADE WITH LEAD FREE SOLDER. IN TRACKS, USE TYPE K OR EQUAL. COLD WATER PIPING BELOW GRADE SHALL BE TYPE K COPPER TUBING WITH CAST OR WROUGHT FITTINGS AND JOINTS SAME AS ABOVE GRADE. JOINTS SHALL NOT BE PERMITTED UNDER FLOOR SLABS. WATERPIPING BELOW GRADE THROUGH CONCRETE SHALL BE PROTECTED WITH PLASTIC SLEEVES.~~

Deleted

2. SANITARY WASTE & VENT PIPING SHALL BE SCHEDULE 40 DMV PVC OR APPROVED EQUAL SOLVENT JOINTS - IF ALLOWED BY LOCAL BUILDING AUTHORITY AND/OR CODE REQUIREMENTS. IF RETURN AIR PLENUMS UTILIZED - PVC PIPING SHALL NOT BE LOCATED IN RETURN AIR PLENUMS.
3. SANITARY WASTE PIPING BELOW GROUND & UNDER DRIVING SURFACES SHALL BE CAST-IRON WITH PUSH-ON JOINTS.
4. GAS PIPING SHALL BE BLACK STEEL PIPE COMPLYING WITH ASME B36.10, 10M or ASTM A53 or ASTM A106. USE PIPE THREAD COMPOUND AT ALL CONNECTIONS.
5. STUDVENTS MAY NOT BE USED IN LIEU OF VENT AND PIPING SHOWN.
6. ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH SELF-SEAL ARMAFLEX 2000 OR EQUAL, 1/2" WALL THICKNESS. INSULATION SHALL BE WHITE IN COLOR AND SHALL FIT SNUGLY AROUND PIPING.
7. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL PLUMBING CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
8. ALL PIPING PENETRATING CEILINGS AND WALLS SHALL BE INSTALLED WITH CHROME-PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY.
9. TOPS OF ALL FLOOR DRAINS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR.
10. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE.
11. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
12. WATER PIPING ROUTED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.
13. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
14. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER START-UP.
15. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC., INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
16. ALL PLUMBING EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH ELECTRICAL DRAWINGS.
17. ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/STRIP, OR FB8 7900 SERIES SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.

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Project Name

Construction Document for
Banks County Fire Station
Fire Station 33
Banks County, Georgia6

Seal

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INDEX CODE

sda277 p200

REVISIONS

NO.	DATE & DESCRIPTION

DATE OF DWG.

12 Aug, 2026

PRINTING DATE

SHEET NUMBER

P200

2 of 2