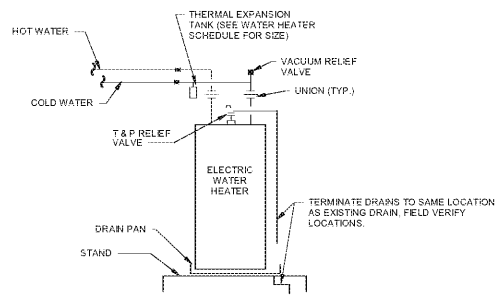


Order Plans @



- WATER HEATER NOTES:
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONNECTION WATER HEATER VOLTAGE AND WATTS AND REPLACE WITH ONE WITH THE SAME VOLTAGE, PHASE AND WATTS.
 - COORDINATE ALL ELECTRICAL CONNECTIONS WITH ELECTRICAL TRADES.
 - CONTRACTOR SHALL MAKE CONNECTION TO ALL EXISTING WATER LINES. FIELD VERIFY EXACT LOCATIONS.

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P6.1
NONE

PLUMBING GENERAL NOTES

- OBTAINING ALL REQUIRED PERMITS AND PAYING ALL ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, LOCAL, STATE AND NATIONAL CODES.
- ALL OBVIOUS ERRORS AND/OR OMISSIONS IN THE ABOVE MENTIONED DOCUMENTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION.
- THIS CONTRACTOR SHALL INSPECT THE JOB SITE WHERE THE WORK IS TO BE PERFORMED AND SHALL ACQUAINT THEMSELVES WITH THE CONDITIONS UNDER WHICH IT SHALL BE EXECUTED.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, LOCAL, STATE AND NATIONAL CODES. CERTIFICATES OF INSPECTION, WHERE REQUIRED, SHALL BE OBTAINED AND PAID FOR BY THIS CONTRACTOR AND FURNISHED TO THE OWNER.
- IT IS THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE A COMPLETE AND OPERATING INSTALLATION INCLUDING ALL OBVIOUSLY NECESSARY ITEMS EVEN THOUGH SOME ITEMS MAY NOT BE INDICATED ON THE DRAWING OR SPECIFICATIONS.
- THE CONTRACT DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF EQUIPMENT AND SYSTEMS. IF ANY DEPARTURES FROM THE CONTRACT DRAWINGS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREFOR SHALL BE SUBMITTED TO THE ARCHITECT/OWNER IN WRITING FOR APPROVAL. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF WORK, TO SHOW DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND COMMERCIAL GRADE.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS TO PERFORM WORK AS SHOWN, NOTED OR SCHEDULED FOR A COMPLETE INSTALLATION.
- PROVIDE DIELECTRIC UNIONS OR FITTINGS WHENEVER FERROUS AND NON-FERROUS PIPES ARE JOINED.
- ALL PLUMBING FIXTURES AND EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- CONTRACTOR TO VERIFY SIZE AND LOCATIONS OF ALL SERVICES PRIOR TO COMMENCING WITH NEW WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL PLUMBING MATERIALS WHICH ARRIVE AT THE JOB SITE.
- ALL VALVES AND SPECIALTY ITEMS MAY NOT BE SHOWN IN EVERY INSTANCE ON THE DRAWINGS, BUT ARE TO BE PROVIDED WEATHER SHOWN OR NOT WHEN NECESSARY FOR PROPER OPERATION AND MAINTENANCE OF THE SYSTEM. VALVES AND SPECIALTY ITEMS ARE TO BE RATED AT 125 PSIG, DEVICES AND VALVES 2 1/2" AND SMALLER ARE TO HAVE SOLDERED OR SCREWED CONNECTIONS.
- PIPING SYSTEM INSULATION
POTABLE COLD WATER PIPING - (SEE SPECIFICATIONS FOR REQUIREMENTS)
POTABLE HOT WATER RECIRCULATION LINE - (SEE SPECIFICATIONS FOR REQUIREMENTS)
- FIXTURES:
A) PLUMBING FIXTURES SHALL BE FINISHED AND INSTALLED IN ACCORDANCE WITH THE SCHEDULE AS SHOWN ON THE PLANS. ALL FIXTURES SHALL BE COMPLETE WITH HANDERS, CARRIERS, TRIM, STOP VALVES AND OTHER ACCESSORIES AS REQUIRED TO OBTAIN A COMPLETE INSTALLATION.
B) AMERICANS WITH DISABILITIES ACT (A.D.A.) ALL HANDICAP FIXTURES AND TRIM SHALL COMPLY WITH FEDERAL AND STATE ACCESSIBILITY CODES. NOTE: WATER CLOSET FLUSH VALVE CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44 INCHES ABOVE THE FLOOR. SEE MOUNTING HEIGHT SCHEDULE ON THIS SHEET.
- ALL PIPING INSTALLED ON THE PROJECT SHALL BE HYDRAULICALLY TESTED, FLUSHED AND DISINFECTED PER SPECIFICATIONS AND PER CODE REQUIREMENTS.
- ALL PARTS, MATERIAL, EQUIPMENT AND LABOR FINISHED SHALL BEAR A ONE (1) YEAR, NO COST TO OWNER WARRANTY FROM DATE OF FINAL ACCEPTANCE. THE PLUMBING CONTRACTOR SHALL PROVIDE ONE OF THE ABOVE WARRANTY REQUIREMENTS IN A WRITTEN STATEMENT ALONG WITH EQUIPMENT MANUFACTURER'S WARRANTIES.
- THE PLUMBING CONTRACTOR TO COORDINATE PLUMBING VENT STACKS WITH OUTSIDE AIR INTAKES OF A/C UNITS. MAINTAIN 15" MINIMUM CLEARANCE.
- ALL CONTRACTORS MUST COORDINATE EACH PIECE OF EQUIPMENT WITH ALL OTHER TRADES (ELECTRICAL, MECHANICAL, MECHANICAL CONTRACTOR, ETC.) AFFECTED BY THAT PIECE OF EQUIPMENT (SIZE, WEIGHT, HEIGHTS, TIE-IN REQUIREMENTS, VOLTAGES, ETC.) PRIOR TO ORDERING EQUIPMENT AND AGAIN PRIOR TO INSTALLATION. ROOFTOP EQUIPMENT PRIOR TO LIFTING ONTO ROOF. NO EXTRA SUSPENSION OR SUPPORTS PROVIDED. COORDINATION IS NOT PERFORMED BY EACH RESPECTIVE CONTRACTOR AND SUBCONTRACTOR.
- ALL COSTS INCURRED BY ACCEPTANCE OF CONDITIONS SHALL BE BORNE BY CONTRACTOR. ANY ADDITIONAL COSTS/SERVICES RESULTING FROM PROPOSED SUBSTITUTE EQUIPMENT SHALL BE PROVIDED AT NO EXTRA COST TO THE OWNER.
- PLUMBING CONTRACTOR TO MAKE FITTINGS TO ALL EQUIPMENT AND WATER HEATERS.
- FOR ALL PUBLIC HAND WASHING SINKS ADD 1/2" VALVE MEETING ASSE 1070 IF MIXING VALVE IS NOT PART OF FAUCET.
- ALL BALL VALVES (SHUT OFF VALVES) AT JOB NEED TO BE GRAZED (NO FLAIR FITTINGS IN ANY CASES). ALL OTHER DROPS TO BE BALL VALVES.
- CONTRACTOR SHALL PROVIDE ANY PIPING (SANITARY, VENT, STORM, WATER, OR SPRINKLER LINES) OVER ELECTRICAL EQUIPMENT OR OVER ANY OTHER TRADES.
- ALL PREPARED SINKS, MOBE SINKS, MOP SINK FAUCETS, AND WASHING MACHINES SHALL HAVE DUAL CHECK VALVES TO PREVENT CROSS CONNECTION AND BLEED OVER.
- WATER PIPING RUN ON EXTERIOR BUILDING WALLS SHALL BE RUN ON THE HEATED SIDE OF THE WALL, REBATE.
- ANY WATER PIPING THAT TURNS OR RUNS IN A WALL SHALL HAVE AN ISOLATION VALVE. ALL BRANCH LINES TO HAVE ISOLATION VALVES.
- PIPING DISCHARGING 140 DEGREE OR GREATER TO SANITARY, SHALL BE CAST IRON FOR FIRST 20' DOWNSTREAM.
- ALL WATER PIPING TO BE RUN TIGHT TO STRUCTURE OR WITH JOISTS.

PLUMBING FIXTURE & CONNECTION SCHEDULE						
FIXTURE	NAME / TYPE	ACCESSORIES (REMARKS)	CONNECTION			
			TRAP	WASTE	VENT	H.W. C.W.
1	WATER CLOSET (A.D.A.) AMERICAN STANDARD MADERA MODEL 1043.001	SLOAN ROYAL 111-1-28, 1-28 GPF MANUAL FLUSH VALVE. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING. MATCHING SOLID PLASTIC OPEN SEAT CHURCH #9505SSC. * FLUSH VALVE HANDLE TO BE ON WIDE SIDE OF STALL.	4"	4"	2"	- 1"
2	WATER CLOSET AMERICAN STANDARD MODEL 2234.001	SLOAN ROYAL 111-1-28, 1-28 GPF MANUAL FLUSH VALVE. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING. MATCHING SOLID PLASTIC OPEN SEAT CHURCH #9505SSC.	4"	4"	2"	- 1"
3	WATER CLOSET (A.D.A.) AMERICAN STANDARD MADERA MODEL 1043.001	SLOAN ROYAL 111-1-28, 1-28 GPF MANUAL FLUSH VALVE. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING. MATCHING SOLID PLASTIC OPEN SEAT CHURCH #9505SSC. * FLUSH VALVE HANDLE TO BE ON WIDE SIDE OF STALL.	4"	4"	2"	- 1"
4	WATER CLOSET AMERICAN STANDARD MODEL 2234.001	SLOAN ROYAL 111-1-28, 1-28 GPF MANUAL FLUSH VALVE. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING. MATCHING SOLID PLASTIC OPEN SEAT CHURCH #9505SSC.	4"	4"	2"	- 1"
5	URINAL (ADA) AMERICAN STANDARD WASHBROOK MODEL 6590.001	URINAL WITH SLOAN 186-0-5-G GPF MANUAL FLUSH VALVE. PROVIDE WITH CARRIER BY J.R. SMITH OR EQUAL. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING.	2"	2"	2"	3/4"
6	URINAL AMERICAN STANDARD WASHBROOK MODEL 6590.001	URINAL WITH SLOAN 186-0-5-G GPF MANUAL FLUSH VALVE. PROVIDE WITH CARRIER BY J.R. SMITH OR EQUAL. PROVIDE PIPE SUPPORT J-212-A WITH SOLID RING.	2"	2"	2"	3/4"
7	LAVATORY (ADA) WALL HUNG AMERICAN STANDARD LUCERNE MODEL 9355.012	WITH AMERICAN STANDARD WATERING FAUCET 1340.119, 5 GPM, WITH 4" DECK PLATE, WITH GRID STRAINER. MCGUIRE #R65P-7. PROVIDE WITH CARRIER BY J.R. SMITH OR EQUAL. INSTALL THE AUTOMATIC MIXING VALVE MEETING ASSE 1070 REQUIREMENTS.	1-1/4"	1-1/4"	2"	1/2" 1/2"
8	LAVATORY WALL HUNG AMERICAN STANDARD LUCERNE MODEL 9355.012	WITH AMERICAN STANDARD WATERING FAUCET 1340.119, 5 GPM, WITH 4" DECK PLATE, WITH GRID STRAINER. MCGUIRE #R65P-7. PROVIDE WITH CARRIER BY J.R. SMITH OR EQUAL. INSTALL THE AUTOMATIC MIXING VALVE MEETING ASSE 1070 REQUIREMENTS.	1-1/4"	1-1/4"	2"	- 1/2" 1/2"
9	DRINKING FOUNTAIN (ADA) WALL HUNG EXTERIOR ELKAY #07P2	BREEZE PROOF DRINKING FOUNTAIN B1 LEVEL MOUNT PER MANUFACTURER INSTALLATION INSTRUCTIONS. PROVIDE NEW CARRIER BY J.R. SMITH OR EQUAL.	1-1/4"	1-1/4"	2"	- 1/2"

ADA PLUMBING FIXTURE MOUNTING HEIGHTS

PLUMBING FIXTURE	60- 120" ADULTS (AGE 13 AND UP)	K-56 (AGES 5 - 12)	Pre-K (AGES 2 - 4)
URINAL	17" TO TOP OF RIM	15" TO TOP OF RIM	12" TO TOP OF RIM
LAVATORY	34" TO TOP OF RIM	30" TO TOP OF RIM	30" TO TOP OF RIM
WATER COOLERS	35" TO TOP OF RIM	30" TO SPOUT OUTLET	30" TO SPOUT OUTLET

- ADA COMPLIANCE NOTES:
- ADA-A WATER CLOSETS NOT SHOWN ON SCHEDULE. INSTALLATION HEIGHT IS DETERMINED BY MODEL SPECIFIED. WHERE APPLICABLE, MOUNTING HEIGHTS DEFINED APPLY TO ADA FIXTURES ONLY. ALL OTHER FIXTURES MOUNTED AT STANDARD HEIGHTS.
 - ADA-B
 - ADA-C VERIFY MOUNTING HEIGHTS WITH REQUIREMENTS OF GEORGIA STATE CODE PRIOR TO INSTALLATION OF FIXTURES.

WATER HEATER SCHEDULE

FIXTURE	NAME / TYPE	ACCESSORIES (REMARKS)	CONNECTION			
			TRAP	WASTE	VENT	H.W. C.W.
WH-A	AO SMITH DEL-50 50 GALLON BUILDING A	4.5 KW ELEMENT (240 V). (CONTRACTOR SHALL FIELD VERIFY AND MATCH, EXISTING KW VOLTAGE AND PHASE AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING NEW WATER HEATERS) ROUTE DRAIN PAN AND TAP TO EXISTING DRAIN. PROVIDE NEW EXPANSION TANK. AMTRON ST-5 OR EQUAL. SEE DETAIL 10P6.1. INSTALL PER MANUFACTURER WRITTEN INSTRUCTIONS.	-	-	-	3/4" 3/4"
WH-B	AO SMITH DEL-40 40 GALLON BUILDING B	4.5 KW ELEMENT (240 V). (CONTRACTOR SHALL FIELD VERIFY AND MATCH, EXISTING KW VOLTAGE AND PHASE AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING NEW WATER HEATERS) ROUTE DRAIN PAN AND TAP TO EXISTING DRAIN. PROVIDE NEW EXPANSION TANK. AMTRON ST-5 OR EQUAL. SEE DETAIL 10P6.1. INSTALL PER MANUFACTURER WRITTEN INSTRUCTIONS.	-	-	-	3/4" 3/4"
WH-C	AO SMITH DEL-40 40 GALLON BUILDING C	3.5 KW ELEMENT (240 V). (CONTRACTOR SHALL FIELD VERIFY AND MATCH, EXISTING KW VOLTAGE AND PHASE AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING NEW WATER HEATERS) ROUTE DRAIN PAN AND TAP TO EXISTING DRAIN. PROVIDE NEW EXPANSION TANK. AMTRON ST-5 OR EQUAL. SEE DETAIL 10P6.1. INSTALL PER MANUFACTURER WRITTEN INSTRUCTIONS.	-	-	-	3/4" 3/4"
WH-D	AO SMITH DEL-50 50 GALLON BUILDING D	4.5 KW ELEMENT (240 V). (CONTRACTOR SHALL FIELD VERIFY AND MATCH, EXISTING KW VOLTAGE AND PHASE AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING NEW WATER HEATERS) ROUTE DRAIN PAN AND TAP TO EXISTING DRAIN. PROVIDE NEW EXPANSION TANK. AMTRON ST-5 OR EQUAL. SEE DETAIL 10P6.1. INSTALL PER MANUFACTURER WRITTEN INSTRUCTIONS.	-	-	-	3/4" 3/4"

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REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE
PLUMBING FIXTURE SCHEDULE AND NOTES

DATE
08/04/2020

PROJECT NUMBER
19323

SHEET NUMBER
P6.1