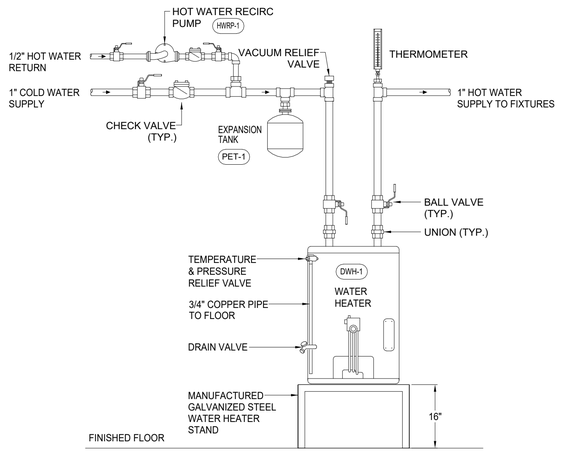
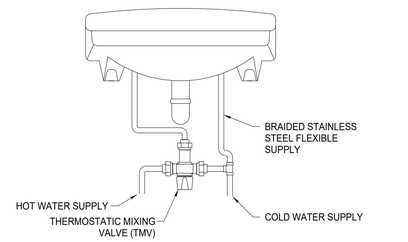


1 ELECTRIC WATER HEATER DETAIL

SCALE: NONE

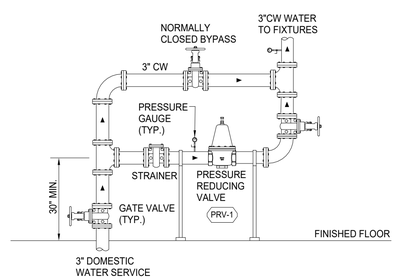


NOTES:

1. MOUNT THERMOSTATIC MIXING VALVE AS TIGHT TO UNDERSIDE OF SINK OR LAVATORY AS POSSIBLE TO MAINTAIN ADA CLEARANCE.

2 THERMOSTATIC MIXING VALVE AT HAND SINK DETAIL

SCALE: NONE



NOTE:

1. WATER METER AND BACKFLOW PREVENTOR LOCATED ON SITE.

3 BUILDING WATER SERVICE DETAIL

SCALE: NONE

PLUMBING FIXTURE / SPECIALTY SCHEDULE

FIXTURE NO.	DESCRIPTION	MANUFACTURER & MODEL	PIPING CONNECTIONS				ACCESSORIES	REMARKS
			S/W	VENT	CW	HW		
FCO-1	FLOOR CLEAN OUT W/ HEAVY DUTY ADJUSTABLE ROUND TOP, EPOXY COATED CAST IRON	WATTS CO-260	VARIES	-	-	-	-	SAME SIZE AS PIPE MAXIMUM 4"
FD-1	FLOOR DRAIN, 6"ø NICKEL BRONZE ADJUSTABLE STRAINER	WATTS FD-300-5	3"	-	-	-	PROVIDE TRAP GUARD	-
FD-2	FLOOR DRAIN, 6"ø NICKEL BRONZE ADJUSTABLE STRAINER	WATTS FD-100-A	4"	-	-	-	PROVIDE TRAP GUARD	-
LAV-1	WALL MOUNTED LAVATORY, VITREOUS CHINA, REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS	KOHLER K-2032	2"	1 1/2"	1/2"	1/2"	FAUCET (0.5GPM), 4"TRIM PLATE, TMV, SS STRAINER, SUPPLIES, STOPS, TRAP, AND ESCUTCHEON PLATE, CARRIER	ELECTRONIC FAUCET, SLOAN EAF-100-PLG-CP-0.35GPM-MLM-IR-IQ-FCT PLUG-IN, 120V/6VDC ADAPTER, THERMOSTATIC MIXING VALVE WATTS MODEL LFMMV, 0.5GPM AERATOR, 105°F OUTLET TEMPERATURE
PRV-1	DIRECT ACTING PRESSURE REDUCING VALVE WITH STRAINER	WATTS LFN223BS	3"	-	-	-	-	INLET PRESSURE 140PSI OUTLET PRESSURE 65PSI
RD-1	LACQUERED CAST IRON ROOF DRAIN WITH ANCHOR FLANGE, CAST IRON WATERPROOFING MEMBRANE CLAMP RING WITH INTEGRAL GRAVEL STOP, AND A STANDARD SELF-LOCKING POLYETHYLENE DOME STRAINER	MIFAB R1100	-	-	-	-	-	-
SK-1	STAINLESS STEEL, DOUBLE COMPARTMENT SINK, UNDERMOUNT, TWO 16"X16"X10"DEEP BOWLS	ELKAY ELUH361710DBG	2"	1 1/2"	1/2"	1/2"	FAUCET, SS STRAINERS, SUPPLIES, STOPS, TRAP, TAILPIECE, AND ESCUTCHEON PLATES	FAUCET: ELKAY LKGT1041 SINGLE HOLE FAUCET W/ PULLOUT SPRAY, CHROME FINISH
UR-1	URINAL, WALL MOUNTED, VITREOUS CHINA, 0.125GPF, REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS	KOHLER BARDON K-4904-ET	2"	1 1/2"	3/4"	-	HARD WIRED SENSOR FLUSH VALVE W/ OVERRIDE BUTTON, CARRIER	SENSOR HARD WIRED FLUSH VALVE, SLOAN SLOAN 186 ESS-0.125-DBP-TMO-HW. SLOAN TRANSFORMER 0345154
WC-1	WATER CLOSET, FLUSH VALVE, WALL MOUNTED, VITREOUS CHINA, 1.0 GPF. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS	KOHLER KINGSTON K-4325	4"	2"	1"	-	SENSOR FLUSH VALVE, OPEN FRONT SEAT, CARRIER	SENSOR HARD WIRED FLUSH VALVE, SLOAN 111 ESS-1.28-DFB-OR-HW. SLOAN TRANSFORMER 0345154
WH-1	WALL HYDRANT, ENCASED NON-FREEZE, SATIN NICKEL BOX, HINGED WITH LOCKING COVER, VACCUM BREAKER (ASSE 1052)	PRIER C-634BX1	-	-	3/4"	-	-	ORDER LENGTH AS REQUIRED BASED ON WALL THICKNESS

ELECTRIC WATER HEATER SCHEDULE (EWH)

PLAN DESIGNATION	MANUFACTURER MODEL NO.	TYPE	LOCATION	STORAGE CAPACITY (GAL)	GALLONS/HR @100° F RISE	ELECTRICAL DATA			NOTES
						KW/AMPS	VOLTS/ PHASE	HERTZ	
EWH-1	A O SMITH ENL-30	ELECTRIC TANK	SECOND FLOOR MECH ROOM	30	41	6	208/1Ø	60	1

NOTES:

1. PROVIDE THE FOLLOWING STANDARD AND OPTIONAL EQUIPMENT:
   - ASME CONSTRUCTION
   - ASME PRESSURE/TEMPERATURE RELIEF VALVE TEMPERATURE CONTROL
   - JUNCTION BOX WITH TERMINAL BLOCK

HOT WATER RETURN PUMP SCHEDULE (HWRP)

PLAN DESIGNATION	MANUFACTURER MODEL NO.	SERVICE	LOCATION	TOTAL HEAD (FT)	FLOW (GPM)	POWER (HP)	RPM	ELECTRICAL DATA				NOTES
								VOLTS	PHASE	HERTZ	F.L.AMPS	
HWRP-1	BELL & GOSSETT NBF-8S/LW	DOMESTIC WATER	PROCESS BUILDING MECH ROOM	6	2	1/16	2800	115	1	60	0.80	1,2,3

NOTES:

1. BRONZE BODY CONSTRUCTION, NON FERROUS IMPELLER
2. PROVIDE AQUASTAT AND AUTOMATIC TIMER KIT.
3. PROVIDE ELECTRICAL DISCONNECT.
4. NSF COMPLINAT

PLUMBING EXPANSION TANK SCHEDULE (PET)

PLAN DESIGNATION	MANUFACTURER MODEL NO.	LOCATION	TANK TYPE	TANK VOLUME (GAL.)	ACCEPTANCE VOLUME (GAL.)	LENGTH (IN.)	DIAMETER (IN.)	INLET (IN.)	FULL WEIGHT (LBS)	NOTES
PET-1	WATTS DETA 5	MECHANICAL ROOM	BLADDER	3.5	2.3	14	10	3/4	22	SEE BELOW

NOTES:

1. ASME RATED CARBON STEEL, NSF COMPLIANT
2. PROVIDE WITH INTEGRATED PRESSURE GAUGE AND BLADDER INTEGRITY MONITOR.

Brown AND Caldwell
BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328
wendel

THIS DRAWING IS NOT VALID FOR CONSTRUCTION PURPOSES UNLESS IT BEARS THE SEAL AND SIGNATURE OF A DULY REGISTERED PROFESSIONAL

CONSTRUCTION DOCUMENTS

NCWSA OFFICE ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: TIP
DRAWN: TIP
CHECKED: RFJ
CHECKED:
APPROVED: RFJ

FILENAME

BC PROJECT NUMBER
616202
CLIENT PROJECT NUMBER

SCHEDULES AND DETAILS

DRAWING NUMBER
P301

Plot Date: 4/27/2026 3:49:07 PM Path: Autodesk Docs://NCWSA Admin Bldg_ V25/616202-NCWSA-PLBG_V25.rvt