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PLUMBING ABBREVIATIONS

AAV	AIR ADMITTANCE VALVE	INV EL.	INVERT ELEVATION
AC	AIR COMPRESSOR	KS	KITCHEN SINK
AD	ACCESS DOOR	LAV	LAVATORY
AFF	ABOVE FINISHED FLOOR	LPD	LOW POINT DRAIN
AFG	ABOVE FINISHED GRADE	LT	LAUNDRY TUB
AR	APPLIANCE REGULATOR	M	METER
BFP	BACKFLOW PREVENTER	MC	MECHANICAL CONTRACTOR
BT	BATHTUB	MR	MEDIUM PRESSURE REGULATOR
BTU	BRITISH THERMAL UNIT	MS	MOP SINK
BV	BALANCING VALVE	MV	MIXING VALVE
CA	COMPRESSED AIR	NIC	NOT IN CONTRACT
CB	CATCH BASIN	NTS	NOT TO SCALE
CFH	CUBIC FEET PER HOUR	OI	OIL INTERCEPTOR
CI	CAST IRON	P	PUMP
CO	CLEANOUT	PC	PLUMBING CONTRACTOR
CW	COLD WATER	PD	PUMP DISCHARGE
CWFU	COLD WATER FIXTURE UNIT	PET	PLUMBING EXPANSION TANK
CWP	CIRCULATING WATER PUMP	PRV	PRESSURE REDUCING VALVE
D	DRAIN LINE	PVC	POLYVINYL CHLORIDE
DB	DRAIN BOX	RD	ROOF DRAIN
DF	DRINKING FOUNTAIN	RV	RELIEF VENT
DFU	DRAINAGE FIXTURE UNIT	RWL	RAIN WATER LEADER
DIP	DUCTILE IRON PIPE	SAN	SANITARY SEWER
DIW	DEIONIZED WATER	SCW	SOFTENED COLD WATER
DN	DOWN	SE	SEWAGE EJECTOR
DS	DOWNSPOUT	SF	SQUARE FOOT
DSN	DOWN SPOUT NOZZLE	SHR	SHOWER
DWH	DOMESTIC WATER HEATER	SK	SINK
DWV	DROP TO WASTE/RISE TO VENT	SMP	SUMP PUMP
EWC	ELECTRIC WATER COOLER	SS	SERVICE SINK
EXST	EXISTING	ST	STORM SEWER
F	FAHRENHEIT DEGREES	ST (OVERFLOW)	STORM SEWER EMERGENCY OVERFLOW
FACP	FIRE ALARM CONTROL PANEL	TFA	TO FLOOR ABOVE
FCO	FLOOR CLEANOUT	TFB	TO FLOOR BELOW
FD	FLOOR DRAIN	TW	TEMPERED WATER
FDC	FIRE DEPARTMENT CONNECTION	TD	TRENCH DRAIN
FFA	FROM FLOOR ABOVE	UR	URINAL
FFB	FROM FLOOR BELOW	V	VENT
FFE	FINISHED FLOOR ELEVATION	VB	VACUUM BREAKER
FHC	FIRE HOSE CABINET	VTR	VENT THROUGH ROOF
FP	FIRE PROTECTION PIPING	WC	WATER CLOSET
FS	FLOOR SINK	W.C.	WATER COLUMN
G	GAS	WCO	WALL CLEANOUT
GC	GENERAL CONTRACTOR	WG	WATER GAUGE
GI	GREASE INTERCEPTOR	WH	WALL HYDRANT
GPH	GALLONS PER HOUR	WHA	WATER HAMMER ARRESTOR
GPM	GALLONS PER MINUTE	WV	WET VENT
HB	HOSE BIBB		
HP	HORSEPOWER		
HW	HOT WATER		
HWFU	HOT WATER FIXTURE UNIT		
HWCP	HOT WATER CIRCULATING PUMP		
HWR	HOT WATER RECIRCULATION		
HWT	HOT WATER TANK		

PLUMBING SYMBOLS - VALVES AND SPECIALTIES

	SHUT-OFF VALVE (GATE, BALL, ETC.)
	BALANCING VALVE (X INDICATES GPM)
	SHUT-OFF VALVE IN RISER
	GAS PRESSURE REGULATOR (MEDIUM PRESSURE OR APPLIANCE REGULATOR)
	GAS COCK
	CHECK VALVE
	STRAINER
	GLOBE VALVE
	SOLENOID VALVE
	RELIEF VALVE (X INDICATES P - PRESSURE T - TEMPERATURE PT - COMBINATION PRESS/TEMP)
	BRANCH CONNECTION - BOTTOM
	BRANCH CONNECTION - TOP
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	CAP
	CLEANOUT (FLOOR/WALL)
	FLOOR DRAIN
	FLOOR SINK
	ROOF DRAIN ABOVE/BELOW DECK
	WALL HYDRANT
	HOSE BIBB
	REDUCER
	UNION
	PIPE GUIDE (PG)
	PIPE ANCHOR (PA)
	WATER HAMMER ARRESTOR (X INDICATES PDI SIZE)
	FLEXIBLE CONNECTOR
	DIRECTION OF FLOW
	DIRECTION OF DOWNWARD PITCH
	PRESSURE GAUGE
	THERMOMETER
	PRESSURE/TEMPERATURE TAP
	METER
	PUMP
	TRAP PRIMER VALVE
	DRAWING SECTION NUMBER DRAWING WHERE FOUND
	DRAWING DETAIL NUMBER DRAWING WHERE FOUND
	ROOM NUMBER
	POINT OF CONNECTION
	TRENCH DRAIN

PLUMBING SYMBOLS - PIPING DESIGNATIONS

	COLD WATER
	HOT WATER
	HOT WATER RETURN
	NON-POTABLE COLD WATER
	NON-POTABLE HOT WATER
	SOFTENED COLD WATER
	SANITARY SEWER
	VENT
	STORM SEWER
	STORM SEWER OVERFLOW DRAIN
	COMPRESSED AIR
	DRAIN
	WATER MAIN (EXTERIOR)
	PUMP DISCHARGE
	NATURAL GAS

GENERAL NOTES

- THIS LEGEND SHEET IS FOR CONTRACTOR REFERENCE ONLY. NOT ALL SYMBOLS AND/OR ABBREVIATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMISSIONS FROM THIS LEGEND SHEET DOES NOT IMPLY INCLUSION AND/OR EXCLUSION OF ANY PARTICULAR ITEM FROM THE PROJECT.
- THE PLANS ARE DIAGRAMMATIC AND INDICATE ONLY THE SIZE AND GENERAL ARRANGEMENT OF PIPING AND EQUIPMENT. EXACT LOCATION OF ALL ELEMENTS SHALL BE DETERMINED AS WORK PROGRESSES, IN COOPERATION AND COORDINATION WITH THE WORK OF ALL OTHER TRADES. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL WITHOUT ADDITIONAL REMUNERATION ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
- ITEMS OF WORK OR EQUIPMENT SHOWN ON THE DRAWINGS ONLY, OR CALLED FOR IN THE SPECIFICATIONS ONLY, SHALL BE FURNISHED AND INSTALLED IN THE SAME MANNER AS IF THEY APPEARED ON BOTH THE DRAWINGS AND SPECIFICATIONS.
- DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATIONS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL MAKE SUCH CHANGES IN PIPING AND LOCATION OF EQUIPMENT, ETC. TO ACCOMMODATE WORK WITH THAT OF OTHER CONTRACTORS.
- INSTALL EQUIPMENT AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
- PIPES PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED AS SPECIFIED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL LOCATIONS.
- ALL PHYSICAL ATTRIBUTES OF EQUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE RESPECTIVE CONTRACTORS ARE RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.
- COMPLY WITH 2024 GEORGIA PLUMBING, BUILDING CODES AND ALL OTHER APPLICABLE CODES



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



CONSTRUCTION DOCUMENTS
7/01/2026



NCWSA OFFICE ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: IBH

DRAWN: IBH

CHECKED: RFJ

CHECKED:

APPROVED: RFJ

FILENAME

BC PROJECT NUMBER

616202

CLIENT PROJECT NUMBER

SYMBOLS,
ABBREVIATIONS,
GENERAL NOTES

DRAWING NUMBER

P001