

PLUMBING MATERIAL LIST

NOTES:

- ANY SUBSTITUTIONS TO THE SPECIFIED MATERIALS AND/OR EQUIPMENT MUST BE APPROVED BY OWNER BEFORE BIDDING AND ANY SUBSTITUTIONS SHALL BE STATED ON THE BID. IF NO SUBSTITUTIONS ARE NOTED ON THE BID, PROVIDED MATERIALS AND/OR EQUIPMENT SHALL BE FURNISHED EXACTLY AS SPECIFIED WITH NO EXCEPTIONS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION FOR ALL ABOVE EQUIPMENT/DEVICES LISTED ABOVE FOR COMPLETE INSTALLATION, MOUNTING AND CONNECTION REQUIREMENTS.
- ALL FIXTURES, DEVICES AND MATERIAL SHALL COMPLY WITH THE SAFE DRINKING WATER ACT OF 2011.

FIXTURE	SYMBOL	DESCRIPTION
WATER CLOSET	WC-A	WATER CLOSET - AMERICAN STANDARD MADERA #3461.528 VITREOUS CHINA, FLOOR MOUNTED, TOP SPUD, ELONGATED BOWL, RIM 17 1/4" ABOVE FLOOR FOR WHEELCHAIR USE, BOLT CAPS, SLOAN SOLAR POWERED, SENSOR OPERATED FLUSH VALVE WITH BATTERY BACK-UP SOLUS 811-1-28 WITH 1.28 GPF, 3/4" ANGLE SUPPLY AND STOP AND 1/2" TOP SPUD CONNECTION AND SHALL BE CHROME PLATED, ADA COMPLIANT, VACUUM BREAKER, FACTORY SUPPLIED BATTERIES FOR BACK-UP ONLY, LOW BATTERY INDICATOR LIGHT, WALL AND SPUD FLANGES, WHITE HEAVY DUTY MOLDED SOLID PLASTIC ELONGATED SEAT WITH OPEN FRONT - BEMIS 1955.
LAVATORY	LAV-A	LAVATORY - AMERICAN STANDARD 'NEW LUCERNE' 0356.421, 20"x18" VITREOUS CHINA, WALL HUNG WITH SINGLE CENTER HOLE FOR FAUCET, AMERICAN STANDARD 7723.018 OFFSET TAILPIECE ASSEMBLY WITH GRID DRAIN, SUPPLY WITH ANGLE STOPS, ADJ. CHROME PLATED CAST BRASS TRAP WITH CO. WADE WS20-D FLOOR MOUNTED CARRIER WITH CONCEALED ARMS ONLY, WALL BRACKET WILL NOT BE ACCEPTABLE. INSTALL TAILPIECE, TRAP, TRAP-ARM AND SUPPLIES PARALLEL AS TIGHT AS POSSIBLE TO WALL FOR WHEELCHAIR USE. INSULATE AS PER SPEC. PROVIDE WITH SLOAN MODEL SF-2450 ELECTRONIC SENSOR ACTIVATED HAND WASHING FAUCET WITH BATTERY POWERED INFRARED SENSOR WITH ADJUSTABLE RANGE, 4" CENTERSET, SINGLE TEMPERED WATER SUPPLY CONNECTION AND 2.2 GPM VANDAL RESISTANT AERATOR, AND ADA COMPLIANT.
ELECTRIC WATER HEATER	EW-1	ELECTRIC WATER HEATER - RHEEM PROE201RHPOU, 19.9 GALLON CAPACITY, 2.0 KW, 120 VOLTS, 1 PHASE, U.L. LISTED, GLASS LINED TANK, THERMOSTAT, MAGNESIUM ANODE ROD, HIGH TEMPERATURE CUT-OFF, BRASS DRAIN VALVE AND T & P RELIEF VALVE, PIPE RELIEF VALVE DOWN TO MOP BASIN, MAXIMUM 26" HIGH, WITH SIDE CONNECTIONS. UNIT SHALL CONFORM TO ASHRAE 90 OR LATEST VERSION.
EXPANSION TANK		AMIROLO THERM-X TROL ST-5, 2.1 GAL, MAX ACCEP. FACTOR .43.
ANTI-FREEZE WALL HYDRANT	WH-1	ANTI-FREEZE WALL HYDRANT - WOODFORD B65 WITH VACUUM BREAKER, FREEZELESS, AUTOMATIC DRAINING, FLUSH MOUNT WITH WALL BOX AND LOCKING COVER, FURNISH WITH (2) EXTRA KEYS.
ROOF HYDRANT	RH-1	WOODFORD SRH-MS - HOSE CONNECTION BACKFLOW PREVENTER, MODEL 50H WITH 3/2" HOSE CONNECTION, ASSE 1052 LISTED, FIELD TESTABLE DUAL CHECK HOLDS AGAINST 125 PSI BACKFLOW PRESSURE, 3/4" NPT FEMALE INLET CONNECTION, 1/2" U.S. MADE GALVANIZED PIPE, MAXIMUM WORKING PRESSURE: 100 PSI, MAXIMUM TEMPERATURE 120°F.
HUB DRAIN	HD-1	HUB DRAIN - OPEN ENDED CAST IRON HUB DRAIN PIPE, FULL PIPE SIZE, WITH DEEP SEAL TRAP, PROVIDE WITH TRAP GUARD INSERT, INSTALL DRAINS OUT OF LIFT TRUCK TRAFFIC WAY.
REDUCED PRESSURE BACKFLOW (On EVAC Fill Line)	RPZ-A	WAITS 3/4" LF009-QT-S LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER, 12 PSI PRESSURE LOSS @ 4 GPM/VAC. PUMP), ASSE 1013 AWWA C511-92 WITH STRAINER.
FLOOR SINK	FS-1	EVAC SINK - FIAT MSB-2424, 24"x24"x10", MOLDED STONE INTEGRAL 3" DRAIN AND STAINLESS STEEL STRAINER, G.C. TO PROVIDE 1/2" CLEAR ACRYLIC COVER ATTACHED TO FLOOR SINK WITH 1" GALVANIZED HEX HEAD SELF TAPPING SCREWS, PROVIDE CUTOUPS FOR PIPE PENETRATIONS.

FIXTURE CONNECTION SCHEDULE

DESCRIPTION & SYMBOL	CONNECTION SIZE				
	HOT	TEMPERED	COLD	WASTE	VENT
WATER CLOSET (WC-A)	---	---	1"	3"	2"
LAVATORY (LAV-A)	---	3/8"	---	1-1/2"	1-1/2"
WATER HEATER (EW-1)	3/4"	---	3/4"	---	---
ANTI-FREEZE WALL HYDRANT (WH-1)	---	---	3/4"	---	---
ROOF HYDRANT (RH-1)	---	---	3/4"	---	---
EVAC (EVAC & FS-1)	---	---	3/4"	3"	2"

*1/2" ROUGH-IN, 3/8" SUPPLY

PLUMBING LEGEND

SYMBOL & ABBREV	ITEM	SYMBOL	ABBREV	ITEM
— CW —	COLD WATER	⊗	GV	GATE VALVE
— HW —	HOT WATER	⊙	BV	BALL VALVE
— TW —	TEMPERED WATER	⊕	CV	CHECK VALVE
— G —	NATURAL GAS	⊖	GC	GAS COCK
— SAN —	SAN. WASTE	⊗	RD	ROOF DRAIN
— V —	VENT	⊙	DPCO	DECK PLATE CLEAN OUT
— ST —	STORM DRAIN	⊕	WPCO	WALL PLATE CLEAN OUT
		⊗	FD	TRAPPED FLOOR DRAIN
		⊙	TEE - UP	TEE - UP
		⊕	TEE - DOWN	TEE - DOWN
		⊖	TEE	TEE
		⊗	ELBOW - UP	ELBOW - UP
		⊙	ELBOW - DOWN	ELBOW - DOWN
		⊕	ELBOW	ELBOW
		⊖	CON	CON

GENERAL PLUMBING NOTES:

- PRIOR TO BID, P.C. AND G.C. SHALL VERIFY SANITARY SEWER SYSTEM LOCATION, ROUTING, PITCHES, INVERTS, SIZES AND TIE-IN POINT. ALL SEWER SYSTEM INFORMATION SHALL BE COORDINATED WITH ALDI, INC. REPRESENTATIVE AT TIME OF BID WALK-THROUGH. INFORM PLUMBING ENGINEER OF ANY AND ALL DISCREPANCIES FROM WORK SHOWN ON PLUMBING DRAWINGS PRIOR TO BID DATE.
- ALL GAS PIPING SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF INTERNATIONAL FUEL GAS CODE SECTION 406.1.
- IF REQUIRED BY LOCAL CODE USE CAST IRON PIPE IN LIEU OF PVC PIPE FOR SANITARY AND STORM.
- ALL FLOOR DRAINS AND CLEANOUTS IN PORCELAIN, QUARRY AND CERAMIC TILE FLOOR SHALL BE NICKEL BRONZE. FLOOR DRAINS AND CLEANOUTS IN BACKROOM AND UTILITY ROOM WILL BE CAST IRON.
- CAULK ALL CLEANOUT GRATINGS FLUSH TO AVOID TRAPPING OF DIRT.
- ALL PIPING AT WALLS SHALL BE WITHIN CURB DEPTH.
- DOMESTIC WATER PIPING DOWNSTREAM OF PRESSURE REDUCING VALVE MAY USE CPVC FOR POTABLE WATER IN LIEU OF COPPER PIPING.
- ALL PLUMBING PIPING SHALL BE ROUTED AROUND ELECTRICAL AREAS WHERE POSSIBLE. IF ROOF DRAINS ARE OVER THE AREA, DRIP PAN SHALL BE INSTALLED UNDER THE ENTIRE LENGTH OF EACH PIPE OVER THE SENSITIVE AREA OVER THE ROOM, CHANNELING WATER AWAY SO AS TO PREVENT ANY LEAKS IN THE AREA. AT THE LOWER SEGMENT OF DRIP PAN, ROUTE DRAIN TO NEAREST APPROVED RECEPTACLE WITH AN APPROVED AIR GAP PER CODE. CONTRACTOR SHALL REVIEW ALL DRAWING PRIOR TO CONSTRUCTION, AND REPORT IF THIS CONDITION EXIST.

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ALDI FOOD STORE # 54
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REVISIONS
REVISION 03-04-20

PROJECT DATA
V1.07 84x170 LW Expansion
PROJECT NUMBER
19422
ISSUE DATE
12-10-19

ALDI FOOD STORE #54
Duluth, GA



P-501

PLUMBING SCHEDULES
19229P-501