

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 SOLIS 8111-1.28 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 - BEM5 1955.
DRINKING FOUNTAINS	DF-A	DRINKING FOUNTAIN - ELKAY MODEL EDSP210C, SS DRINKING FOUNTAIN, WALL MOUNT WITH SAFETY BUBBLER, FRONT PUSH BAR CONTROL, LK464 DRAIN AND TRAP ASSEMBLY, MOUNT ON ELKAY MODEL MPW200 IN-WALL SUPPORT MOUNTING PLATE WITH MODEL ML100 IN-WALL CARRIER LEGS.
	DF-B	DRINKING FOUNTAIN - ELKAY MODEL EDSP214C, SS DRINKING FOUNTAIN, WALL MOUNT WITH SAFETY BUBBLER, FRONT PUSH BAR CONTROL, LK464 DRAIN AND TRAP ASSEMBLY, BARRIER-FREE ACCESS, ADA COMPLIANT, MOUNT ON ELKAY MODEL MPW200 IN-WALL SUPPORT MOUNTING PLATE WITH MODEL ML100 IN-WALL CARRIER LEGS.
	FOR DF-A & B	DRINKING FOUNTAIN MOUNTING EQUIPMENT - PROVIDE ELKAY MODEL MPW200 IN-WALL MOUNTING (CARRIER) PLATE FOR BI-LEVEL MOUNTING. PROVIDE ELKAY MODEL ML100 IN-WALL (CARRIER) PLATE MOUNTING LEGS, SECURE TO FLOOR.
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.
ROOF DRAIN	RD-2	ROOF DRAIN - WADE 3000-SO SERIES, CAST IRON ROOF WITH WIDE FLANGE BODY, FLASHING RING, CAST IRON MUSHROOM DOME, OUTLET SIZE AS NOTED ON P101 WITH TY SEAL SIDE OUTLET.
FLOOR SINK	FS-1	EVAC SINK - FLAT MSB-2424, 24"x24"x10", MOLDED STONE INTEGRAL 3" DRAIN AND STAINLESS STEEL STRAINER.
REDUCED PRESSURE BACKFLOW PREVENTERS	RPZ-1	WATTS 3/4" LF009-GT S LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER, 12 PSI PRESSURE LOSS @ 4 GPM (VAC. PUMP), ASSE 1013 AWWA C511-92 WITH STRAINER.
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.
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, 3/2" NPT FEMALE INLET CONNECTION, 1/2" U.S. MADE GALVANIZED PIPE, MAXIMUM WORKING PRESSURE: 100 PSI, MAXIMUM TEMPERATURE 120°F.

FIXTURE CONNECTION SCHEDULE

DESCRIPTION & SYMBOL	CONNECTION SIZE				
	HOT	TEMPERED	COLD	WASTE	VENT
WATER CLOSET (WC-A)	---	---	1"	3"	2"
WATER HEATER (EW-1)	3/4"	---	3/4"	---	---
ROOF HYDRANT (RH-1)	---	---	3/4"	---	---
DRINKING FOUNTAIN (DF-A & B)	---	---	3/8"	1-1/2"	1-1/2"
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 - DOWN
		⊖		TEE
		⊕		ELBOW - UP
		⊖		ELBOW DOWN
		⊕		ELBOW
		⊖		UNION

GENERAL NOTES

- PRIOR TO BID, P.C. AND G.S. SHALL VERIFY SANITARY SEWER SYSTEM LOCATION, ROUTING, PITCH, 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 DISCREPANCIES FROM WORK SHOWN ON PLUMBING DRAWINGS PRIOR TO BID DATE.
- IF REQUIRED BY LOCAL CODE USE CAST IRON PIPE IN LIEU OF PVC PIPE FOR SANITARY AND STORM.
- ALL FLOOR DRAINS AND CLEANOUTS IN QUARRY AND CERAMIC TILE FLOOR SHALL BE NICKEL BRONZE. FLOOR DRAINS AND CLEANOUTS IN BACKROOM AND UTILITY ROOM WILL BE CAST IRON.
- 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 EXISTS.

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ALDI FOOD STORE # 61
2589 Spring Road
Smyrna, GA 30080

REVISIONS

PROJECT DATA
V1.07 100x155 LW Expansion
PROJECT NUMBER
18412
ISSUE DATE
10-25-18

ALDI FOOD STORE #61
Smyrna, GA

P-501



PLUMBING SCHEDULES
18238P501