

PLUMBING LEGEND			
SYMBOL	DESCRIPTION		
	SOIL, WASTE, OR SANITARY SEWER		UNION
SS	SANITARY SEWER (ON SITE)	FD	FLOOR DRAIN
	SANITARY VENT	RD	ROOF DRAIN
CWV	COMBINATION WASTE AND VENT	AD	ACCESS DOOR
W	WATER (ON SITE)	VTR	VENT THRU ROOF
	COLD WATER	НВ	HOSE BIBB
	HOT WATER	FPWH	FREEZE PROOF WALL HYDRANT
	HOT WATER RETURN	со	CLEANOUT PLUG
SD	STORM DRAIN	FCO	FLOOR CLEANOUT
D	INDIRECT DRAIN	AFCO	FLOOR CLEANOUT WITH ACID RESISTANT PIPING AND FITTINGS
——G——	NATURAL GAS (LOW PRESSURE GAS)	wco	WALL CLEANOUT
>	FLOW DIRECTION	ECO	EXTERIOR CLEANOUT
	GATE VALVE	(R)	DENOTES - SANITARY VENT STACK THRU ROOF
	GLOBE VALVE	RISER DIAG	IEET # RISER DESIGNATION
	CHECK VALVE		NEW CONNECTION TO EXISTING
	BALL VALVE		EXISTING PIPING TO BE REMOVED OR ABANDONED
	PLUG COCK - GAS COCK		EXISTING PIPING TO REMAIN
	PRESSURE REDUCING VALVE	× × [CAP AND SEAL AIR OR WATER TIGHT
+ <u>></u>	STRAINER	× × + 🔨	TERMINATION POINT OF DEMOLITION

PLUMBING DRAIN SCHEDULE				
TYPE				
MARK	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS
2" FD-1	Zurn	ZN-415B-P-VP	Cast iron drain, 7" polished nickel bronze "TYPE B" strainer, adjustable collar with seepage slots, 1/2" trap primer connection.	
3" FD-1	Zurn	ZN-415B-VP	Cast iron drain, 7" polished nickel bronze "TYPE B" strainer, adjustable collar with seepage slots. 1/2" trap primer connection.	
3" FS-1	Zurn		Cast Iron 12inchx12inchx10inch square floor sink with 10 inch sump, deep cast iron body and square, light duty grate A.R.E. Interior, Aluminum Dome Strainer, and 3/4 Nickel Bronze Hinged Top. 1/2" trap primer.	
3" ORD-1	Zurn Industries	Z100-3NH	15" Diameter Main Roof Drain Low Silhouette Dome (No-Hub)	
3" RD-1	Zurn Industries	Z100-3NH	15" Diameter Main Roof Drain Low Silhouette Dome (No-Hub)	
SD-1	Zurn	Z 1119-DC	Downspout Cover, Stainless Steel, Sized to match pipe diameter.	

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PLUMBING GENERAL NOTES

THE CONTRACTOR SHALL, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, JOB SITE VERIFY SIZE, LOCATION, ETC. OF ANY EXISTING PIPING NOTED, SHOWN OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED. HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS FOLLOWS, UNLESS SHOWN OR NOTED

WATER CLOSET-URINAL LAVATORY-SERVICE SINK -ELECTRIC WATER COOLER SHOWER -FREEZE-PROOF WALL HYDRANT-CLINICAL SINK -— 1-1/4" & 1/2" ICE MACHINE -SUPPLY AND DRAIN UNIT (WASHER BOX) -HOSE BIBB EMERGENCY SHOWER EYEWASH-

INSTALL WATER HAMMER ARRESTORS EQUAL TO ZURN "SHOKTROL" AT EACH QUICK CLOSING VALVE, AND AT EACH GROUP OF PLUMBING FIXTURES, AND AS NOTED ON DRAWINGS SIZED AS PER MANUFACTURERS RECOMMENDATIONS. (MUST BE ACCESSIBLE WHERE POSSIBLE, ABOVE CEILING IF NECESSARY)

ALL SUPPLIES TO FIXTURE SHALL BE PROVIDED WITH HIGH EAR COUPLING EQUAL TO MUELLER CO. No. C-100HE (1/2", 3/4" OR 1" SIZE) AT THE WALL (ANCHOR TO CROSS MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.

ALL FLOOR DRAINS SHALL BE PROVIDED WITH DEEP SEAL TYPE TRAP WITH NOT LESS THAN FOUR INCH (4") WATER SEAL AND BE PROVIDED WITH TRAP PRIMER.

ALL VENTS THROUGH ROOF (V.T.R.) SHALL BE PROVIDED WITH 6# (24" X 24" SIZE) FLASHING. WHERE STANDING SEAM TYPE IS USED THE FLASHING SHALL BE IN ACCORDANCE WITH THE ROOFING MANUFACTURERS RECOMMENDATION AND AS DETAILED ON THE ARCHITECTURAL DRAWINGS. CLOSE COORDINATION WITH THE ROOFING CONTRACTOR SHALL BE MAINTAINED TO ASSURE THE VENT PENETRATION IS CENTERED WITHIN THE METAL ROOF PANELS. TYPICALLY FOR METAL OR OTHER SPECIAL MATERIAL, ROOFS - USE MANUFACTURED RUBBER BOOT WITH STAINLESS TEEL HARDWARE TYPE THAT IS ARCHITECT APPROVED AND MUST BE COMPATIBLE WITH ROOFING SYSTEM AND ROOF WARRANTY.

FLUSH VALVES SHALL BE MOUNTED SUCH THAT THE DIMENSION FROM FLUSH VALVE CENTERLINE TO FINISHED FLOOR SHALL BE 39". (DOES NOT APPLY TO ELECTRONIC FLUSH VALVES) WHERE HANDICAPPED GRAB BARS ARE INSTALLED ON BACK WALL AT CLOSET, FLUSH VALVE SHALL BE MOUNTED AT STANDARD HEIGHT. SEE SPECIFICATIONS AND WATER CLOSET DETAIL.

8. O WHERE THIS SYMBOL OCCURS ON THE DRAWINGS, REFERENCE SHOULD BE MADE TO THE KEYED NOTES ON THAT SAME SHEET AND THE CORRESPONDING NUMBER OF THAT NOTE.

WHERE PLUMBING FIXTURES ARE LOCATED ON EXTERIOR WALL, WATER PIPING SHALL BE INSTALLED ON THE THERMAL SIDE OF THE WALL INSULATION. CLOSE COORDINATION AND COOPERATION SHALL BE MAINTAINED BETWEEN TRADES WITH REGARD

TO PLUMBING, HVAC, FIRE PROTECTION AND ELECTRICAL PLANS. PROVIDE CLEANOUT CLEARANCE IN ACCORDANCE WITH THE ARKANSAS STATE PLUMBING CODE, BUT DO NOT LOCATE IN FOOT TRAFFIC PATHWAYS. DO NOT LOCATE CLEANOUTS IN FLOORS WITH CARPET. (FIELD COORDINATE) LOCATE FLOOR CLEANOUT NEAR WALLS, IN JANITORS ROOM, STORAGE ROOM,

ETC., DO NOT LOCATE NEAR DOORWAYS. PROVIDE FIRE STOPPING OR FIRE STOP SLEEVE DEVICES AT ALL RATED ASSEMBLIES - SEE ARCHITECTURAL SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR DETAILS.

TRAP PRIMERS- LOCATE TRAP PRIMERS REASONABLY CLOSE TO PLUMBING FIXTURE (10' TO 20')- DO NOT CONNECT TRAP PRIMER TO WATER LINE LARGER THAN 1 1/2" SIZE- TRY TO LOCATE TRAP PRIMER LOWER THAN PLUMBING FIXTURES. FIELD VERIFY EXACT TRAP PRIMER LOCATIONS AND WATER PIPE ROUTING. TRAP PRIMER SHALL TYPICALLY BE PRECISION PLUMBING PRODUCTS MODEL # P2-500. WHERE FLOOR DRAINS OCCUR NEAR WATER CLOSETS - USE VACUUM BREAKER TRAP PRIMER -SLOAN "TP" - MODEL VBF-72A - EXPOSED 3/8" TUBING SHALL BE VERY MINIMAL AND CHROME PLATED WITH CAST CHROME FLANGE TO WALL.

COORDINATE EXACT LOCATIONS OF ALL PLUMBING PIPING WITH ARCHITECTURAL, MANUFACTURER'S AND STRUCTURAL DRAWINGS.

VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL "ADA" PLUMBING FIXTURES ALL JANITORS ROOMS SHALL HAVE FLOOR DRAINS.

ALL SANITARY SEWER RISERS SHALL HAVE CLEANOUT AT THE BASE (WALL CLEANOUT OR FLOOR

ALL STORM DRAIN PIPING SHALL HAVE CLEANOUT PLUGS AT EACH 90° TURN ABV CEILINGS AND HAVE A FLOOR OR WALL CLEANOUT AT THE BASE OF ALL RISERS.

INSTALL PIPING EXPANSION JOINTS IN ALL PIPING THAT CROSSES BUILDING EXPANSION JOINTS. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND PLUMBING ROOF PLAN FOR BUILDING EXPANSION

TWO-WAY CLEANOUTS SHALL BE INSTALLED AT THE JUNCTION OF THE BUILDING DRAIN AND THE BUILDING SEWER (TYP ALL AREAS) - MUST BE INSTALLED TO MEET PLUMBING CODES, EVEN IF NOT SHOWN ON DRAWING - VERIFY AND COORDINATE WITH CIVIL UTILITY DRAWINGS.

	KITCHEN	EQUIPM	ENT
DESIG.	DESCRIPTION	DESIG.	DESCRIPTION
K-01	PASTA COOKER	(K-45)	HOT WATER DISPENSER W/ FILTER
(K-02)	48" HOTPLATE - 8 BURNERS	(K-46)	ENCLOSED BASE, BEVERAGE TABLE W/ SINK
(K-03)	36" INFRARED SALAMANDER BROILER - WALL MOUNT	(K-48)	3 COMPARTMENT SINK W/ PRERINSE FAUCET AND 2 SWING SPOUT FAUCET
K-04	DOUBLE-DECK CONVECTION OVEN	(K-49)	SOILED DISHTABLE W/ (1) PRERINSE FAUCET AND (1) SWING SPOUT FAUCE
(K-05)	36" CHARBROILER	(K-50)	DISHWASHER, CONVEYOR, (HIGH TEMP)
(K-08)	36" GRIDDLE	(K-57)	ICE MAKER WITH BIN
(K-09)	GAS FRYER	(K-58)	OPEN EPOXY COATED STEEL HOSE REEL, HIGH FLOW SPRAY VALVE
(K-16)	DOUBLE CONVECTION STEAMER	(K-67)	TEA BREWER
(K-29)	1-COMP. SINK W/ 18" DRAINBOARD	(K-71)	RANGE - 6 BURNERS - OVEN
(K-31A)	OPEN SHELF BASE UTILITY STAND W/ 3 SOUP WELLS AND COLD PAN	(K-72)	FOOD WASTE DISPOSER
(K-33)	4 WELL HOT PAN	(K-73)	DOUBLE CONVECTION STEAMER
(K-34)	WORKTABLE, ENCLOSED BASE WITH DROP-IN SINK	(K-74)	BEVERAGE DISPENSER W/ ICE BIN AND COLD PLATE
(K-42)	BAG IN BOX RACK W/ CARBONATOR	(K-77)	ICE MACHINE W/ BIN
K-43	COFFEE BREWER	(K-77A)	ICE BIN
(K-44)	TEA BREWER		
TE: CONTRA	ACTOR TO REFERENCE ARCHITECTURAL SHEETS FOR COMPLETE LIST AND LO		EQUIP.
	BAR EQUIPMENT		SNACK BAR EQUIPMENT
DESIG.	DESCRIPTION	DESIC	G. DESCRIPTION
(B-02)	GLASS RACK	(S-07	JUICE DISPENSER

DESIG.	DESCRIPTION	
(B-02)	GLASS RACK	
(B-03)	UNDERBAR ICE BIN WITH COLD PLATE	
B-06	BLENDER STATION WITH SINK	
(B-07)	WAREWASHER, UNDERCOUNTER	
(B-17)	UNDERBAR DRAINBOARD	
B-17A	UNDERBAR DRAINBOARD	
B-18	ICE BIN WITH CAST ALUMINUM COLD PLATE	
(B-19)	WAREWASHER, UNDERCOUNTER	
B-20	BAG IN BOX RACK W/ CARBONATOR	
(B-23)	3 COMP. UNDERBAR SINK UNIT	
(B-25)	3 COMP. UNDERBAR SINK UNIT	
TE: CONTRACTOR TO REFERENCE ARCHITECTURAL SHEETS FOR COMPLETE LIST AND		

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ALL KITCHEN EQUIPMENT IS SPECIFIE KITCHEN EQUIPMENT. SEE ARCHITEC
SEE KITCHEN EQUIPMENT LAY-OUT 'K

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THIS CASE THIS VALVE IS INSIDE U.D.S.- VERIFY) CONTRACTOR.

(a) ROUGH IN AND FINAL CONNECTIONS FOR ALL WASTE, WATER AND GAS SUPPLY LINES TO KITCHEN EQUIPMENT. (b) ALL FLOOR DRAINS AND FLOOR SINKS ARE NOT SUPPLIED BY THE KITCHEN EQUIPMENT SUPPLIER- PLUMBING CONTRACTOR TO FURNISH AND INSTALL. (c) STOPS AND SUPPLIES ON WATER LINES. (d) P-TRAPS

(f) PIPING TO AND INSTALLATION OF ALL ACCESSORIES FURNISHED LOOSE WITH KITCHEN EQUIPMENT (g) WATER HAMMER ARRESTORS

5. THE FOLLOWING WORK IS SUPPLIED BY THE KITCHEN EQUIPMENT SUPPLIER: (a) FAUCETS FOR KITCHEN EQUIPMENT SINKS (b) DRAIN OUTLETS WITH TAILPIECE FOR KITCHEN EQUIPMENT SINKS

(c) WATER PRESSURE REGULATORS FOR KITCHEN EQUIPMENT. (d) GAS PRESSURE REGULATORS FOR KITCHEN EQUIPMENT (e) WATER FILTER PACKAGE FOR ICE MAKERS AND STEAMER (THIS CONTRACTOR MUST ROUGH IN AND FINAL CONNECT ALL FILTERS

6. THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TRAPS, SUPPLIES, VALVES, FITTINGS, ETC. FOR A COMPLETE WORKING SYSTEM THAT ARE NOT NOTED TO BE FURNISHED BY KITCHEN EQUIPMENT SUPPLIER ON FOOD SERVICE DRAWINGS AND SPECIFICATIONS.

NOTE THAT THE CONTRACTOR IS ASKED TO REVIEW THE FOOD SERVICE DRAWINGS-THIS IS FOR COORDINATION AND INFORMATION-BUT THE PLUMBING PIPING AND PIPING SIZES SHALL BE INSTALLED AS SHOWN ON THE PLUMBING DRAWINGS AND SPECIFICATIONS.

ON PLUMBING DRAWINGS.

REQUIRED.

10. INSTALL STOPS IN ALL HOT AND COLD WATER STUBS, OUT TO FIXTURES OR EQUIPMENT. THIS APPLIES TO WALL AND FLOOR STUBS. STOPS SHALL BE HEAVY DUTY, CHROME PLATED BRASS, WHEEL HANDLE TYPE-I.P.S. TO COMPRESSION OR I.P.S. TO I.P.S. BUT NOT COMPRESSION TO COMPRESSION, SIZE AS REQUIRED (1/2" MIN SIZE). STOPS EQUAL TO MCGUIRE HEAVY DUTY BRASS CHROME PLATED.

OF EQUIPMENT OUTLET (MIN) OR AS SIZED ON DRAWINGS.

13. CHECK VALVES SHALL BE INSTALLED IN ALL HOT AND COLD WATER PIPING SERVING H&C HOSE BIBBS AND PRE-RINSE FAUCETS - LOCATE CHECK VALVES TO BE ACCESSIBLE (ABOVE CEILING IF NECESSARY)

14. ALL BELOW FLOOR WATER PIPING SHALL BE TYPE "K" COPPER WITH 20% SIL-FOS JOINTS, PROVIDE A CONTINUOUS POLYETHYLENE SLEEVE OVER PIPE 10 MIL (MIN) THICKNESS. NOTE: DO NOT ALLOW COPPER PIPING TO CONTACT CONCRETE FLOORS OR WALLS - PROVIDE PVC SLEEVES AT ALL FLOOR AND WALL PENETRATIONS. INSULATE ALL HOT WATER BELOW FLOOR WITH 1" THICK FOAMGLASS OR APPROVED EQUAL PIPE INSULATION

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ITCHEN GENERAL NOTES

ED BY ARCHITECT IN DIVISION 11400-MECHANICAL CONTRACTOR SHALL ROUGH IN AND FINAL CONNECT ALL

CTURAL DRAWING AND SPECIFICATIONS FOR DETAILS.

SHEETS IN THIS SET OF DRAWINGS FOR SPECIFIC PLUMBING INFORMATION

AT VENTILATOR HOODS, THIS CONTRACTOR SHALL INSTALL THE AUTO GAS SHUT OFF VALVE. THE VALVE IS SUPPLIED BY THE KITCHEN EQUIPMENT SUPPLIER, THE FIRE PROTECTION CONTRACTOR MAKES FINAL INTERCONNECTION OF GAS VALVE TO HOOD FIRE SUPPRESSION SYSTEM. (NOTE IN

NOTE THAT THE FOLLOWING WORK AND MATERIALS ARE NOT SUPPLIED BY THE KITCHEN EQUIPMENT SUPPLIER AND MUST BE SUPPLIED BY THE

(e) FLUSHING OUT OF ALL PIPING AND DRAINAGE SYSTEMS PRIOR TO CONNECTING KITCHEN EQUIPMENT

3. THE CONTRACTOR MUST REVIEW AND COORDINATE PLUMBING DRAWINGS WITH ARCHITECTURAL AND FOOD SERVICE DRAWINGS. HE WILL BE RESPONSIBLE FOR INSTALLING PLUMBING EQUIPMENT IF IT IS SHOWN ON THE ARCHITECTURAL OR FOOD SERVICE DRAWINGS, EVEN IF NOT SHOWN

9. COORDINATE ALL PLUMBING PIPING WITH HVAC AND ELECTRICAL DRAWINGS. ADJUST WATER OR GAS PIPING AROUND LARGE DUCTWORK AS

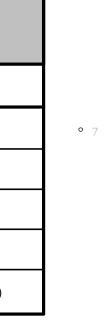
11. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL INDIRECT WASTE LINES FOR KITCHEN EQUIPMENT (SEE KITCHEN EQUIP. DRAWINGS AND PLUMBING DRAWINGS FOR REQUIREMENTS) DRAIN LINES SHALL BE "DWV" COPPER AND RUN TO NEAREST FLOOR DRAIN, PIPING MUST BE FULL SIZE

12. SERVICE STOPS FOR UTILITY FAUCETS SHALL BE EQUAL TO CHICAGO MODEL #45, POLISHED CHROME PLATED WITH #633 CROSS HANDLES.

FIXTURE LEGEND

SYMBOL	DESCRIPTION
\$	NEW FIXTURE
Ð	ROUGH IN AND FINAL CONNECT ONLY
Ø	EXISTING FIXTURE TO REMAIN
0	EXISTING FIXTURE TO BE REMOVED
	EXISTING FIXTURE (RELOCATED, OR REPAIRED - SEE NOTES)

SCM ARCHITECTS P. L. L. C.



June 21, 2023 PLUMBING **GENERAL NOTES**

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PROJECT NO. 21075 DATE:

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