

TOILET PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	BRANCH SIZES (MIN)				MANUFACTURER	MODEL	TRIM AND ACCESSORIES	NOTES
		CW	HW	WASTE	VENT				
L18	LAVATORY DECK 3-STATION TEMPERED		1/2"	1 1/2"	1 1/2"	LEVANTINA STONE AND STEEL	Q3303N D5CT-83000-80-8B	LEVANTINA: WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOWFALL) STONE AND STEEL WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOWBLIND) BOWL: CHINA SHELL CH 4360 UNDERMOUNT 18"x14" CHINA BOWL(S) BASE: ACOBN STAINLESS STEEL APRON (AP-3) BOWL, HINGED TRAP AND PIPING ENCLOSURE FAUCET: TOTO TEL145-D10E - 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM CHROME PLATED BRASS P-TRAP WITH CLEANOUT, GRID STRAINER WITH TAIPICE CONNECTION ACCESSORIES: (1) STOP VALVE, (1) 3/8"x1/2" SS BRAIDED WATER SUPPLY PER FAUCET, TMV NOT REQUIRED.	
L22	LAVATORY DECK 1-STATION TEMPERED		1/2"	1 1/2"	1 1/2"	LEVANTINA STONE AND STEEL	Q3301 D5CT-81000-30-8B	LEVANTINA: WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOWFALL) STONE AND STEEL WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOWBLIND) BOWL: CHINA SHELL CH 4360 UNDERMOUNT 18"x14" CHINA BOWL BASE: ACOBN STAINLESS STEEL APRON (AP-1) BOWL, HINGED TRAP AND PIPING ENCLOSURE FAUCET: TOTO TEL145-D10E - 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM CHROME PLATED BRASS P-TRAP WITH CLEANOUT, GRID STRAINER WITH TAIPICE CONNECTION ACCESSORIES: (1) STOP VALVE, (1) 3/8"x1/2" SS BRAIDED WATER SUPPLY PER FAUCET, TMV NOT REQUIRED.	

GENERAL INFORMATION (ALL FIXTURES)

- SUBSTITUTIONS NOT PERMITTED. REF SPECIFICATIONS FOR APPROVED MANUFACTURERS OF THE FOLLOWING TRIM AND ACCESSORIES:
- P-TRAP WITH CLEANOUT PLUG: POLISHED CHROME-PLATED TUBULAR BRASS, 17 GAUGE WITH BRASS NUTS AND GLIP INSERTS.
- SS BRAIDED WATER SUPPLY; FLEXIBLE BRAIDED STAINLESS STEEL (SS) OUTER SHEATHING WITH REINFORCED PVC INNER TUBING.
- STOP VALVES: CHROME PLATED BRASS, QUARTER TURN ANGLE STOP VALVES.

NOTES:

- PROVIDE 1/2" X 3/4" STAINLESS STEEL SIMPSON WEDGE-ALL WEDGE ANCHORS FOR ALL FLOOR MOUNTED FIXTURE CARRIERS.
- PROVIDE THERMOSTATIC MIXING VALVE.
- REFERENCE ARCHITECTURAL DRAWINGS FOR EWG2 ORIENTATION.
- COORDINATE WATER ROUGH-IN HEIGHT FROM MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH GRAB BAR LOCATION. REF ARCH.
- USE SAME MANUFACTURER FOR UR1 AND UR2.

GROCERY PLUMBING EQUIPMENT CONNECTION SCHEDULE

MARK	FIXTURE	BRANCH SIZES (MIN)					ROUGH-IN REQUIREMENTS	NOTES
		RO	CW	HW	WASTE	VENT		
SSG4	WALL MOUNTED HAND SINK		1/2"	1/2"	1 1/2"	1 1/4"	WATER: 18" AFF, WASTE: 18" AFF	B, C, F, J, H

GENERAL INFORMATION (ALL EQUIPMENT)

- EQUIPMENT AND TRIM FURNISHED BY OWNER. ROUGH-IN AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE.

NOTES:

- PROVIDE SHUT-OFF VALVES.
- PROVIDE P-TRAP WITH CLEANOUT PLUG AND ESCUTCHEON.
- PROVIDE CHROME PLATED ANGLE SUPPLY, FLEXIBLE RISER, AND WHEEL HANDLE WITH ESCUTCHEON.
- SINK FAUCETS PROVIDED WITH INTEGRAL CHECK VALVES.
- PROVIDE FULL-SIZE DRAIN LINE FROM EQUIPMENT. END OPEN OVER RECEPTOR WITH 2" AIR GAP.
- IF PLUMBING PLANS SHOWS THE SINK INCORRECTLY CONNECTED TO FLOOR SINK, THEN WASTE ROUGH-IN HEIGHT AND VENT SIZE AND NOTE B DO NOT APPLY.
- PROVIDE DOUBLE CHECK BACKFLOW PREVENTER ON WATER SUPPLY. PROVIDE FEMALE NPT VALVE DOWNSTREAM OF BACKFLOW PREVENTER FOR CONNECTION BY OTHERS.
- PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE WATER PIPING AND QUICK DISCONNECT TO EQUIPMENT.
- PROVIDE STAINLESS STEEL DOUBLE CHECK BACKFLOW PREVENTER EQUAL TO WATTS S5070T-S ON RO WATER SUPPLY. PROVIDE PEX TUBING ON DOWNSTREAM SIDE OF BACKFLOW PREVENTER.
- INSTALL THERMOSTATIC MIXING VALVE FURNISHED WITH SINK WITH HARD-PIPED CONNECTIONS TO ANGLE STOPS AND FLEXIBLE CONNECTIONS BETWEEN THERMOSTATIC MIXING VALVE, FOOT PEDAL, PEDESTAL HAND SINK OR KNEE LEVER (WALL MOUNTED HAND SINK) OR WRIST BLADE LEVERS (ADA WALL MOUNTED HAND SINK) AND SINK. SET AT 105°F.
- IF RO WATER IS NOT AVAILABLE. PROVIDE INDIVIDUAL WATER FILTER PACKS AS REQUIRED BY WALMART CONSTRUCTION MANAGER.
- PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL EXPOSED DOUBLE CHECK BACKFLOW PREVENTER (WATTS 8007 OR EQUAL).
- PROVIDE COLD WATER INJECTOR OPTION IF ON PLAN OR REQUIRED BY AHJ. REQUIRES 1/2" CW LINE AT FLOOR DRAIN. MODEL #CW-500.
- REFER TO ARCHITECTURAL DRAWINGS FOR HAND SINK LEFT (L) AND RIGHT (R) DESIGNATIONS WHICH INDICATE INTEGRAL SPLASHGUARD LOCATIONS OR HAND SINK (H) FOR ADA DESIGNATION.
- REFRIGERATION CONTRACTOR TO INSTALL MISTING SYSTEM. SUPPLY SIDE ROUGH-IN AND FINAL CONNECTION BY PLUMBING CONTRACTOR.
- RO VENDOR SHALL BE RESPONSIBLE FOR LOCATIONS OF DRINK DISPENSER AND WATER FILTRATION EQUIPMENT AND ALL FINAL CONNECTIONS.
- INSTALL 1/2" P-TRAP AT 12" AFF WITH 1/2" TO 3/4" REDUCER FOR CONNECTION TO RO WATER DISPENSER DRAIN.
- PROVIDE 3/4" I.D. FEMALE FITTING AND SHUT-OFF FOR RO DISPENSER WATER CONNECTION AT 18" AFF.
- INSTALL 1/2 GPM SPRAY HEAD ON PIRSE SPRAYER. FURNISHED BY FIXTURE MANUFACTURER. PLUMBING CONTRACTOR SHALL FURNISH ORIGINAL SPRAY HEAD TO OWNER.
- EQUIPMENT FURNISHED WITH INTEGRAL BACKFLOW PREVENTER FOR CARBONATED WATER LINE.
- FILTERED WATER PIPING TO EQUIPMENT IS PROVIDED UNDER SEPARATE CONTRACT.
- PLUMBING CONTRACTOR SHALL PROVIDE WINE FILTER PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE 36" FLEXIBLE GAS CONNECTION.
- PROVIDE 46" FLEXIBLE GAS CONNECTION WITH QUICK DISCONNECT AND UPSTREAM GAS SHUT-OFF VALVE.

FLOOR DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION
P23	SIOUX CHEF	895	LIGHT DUTY PVC WITH 9" DIAMETER FLOOR DRAIN
P25	JOSAM	FS-940-83	STAINLESS STEEL FLOOR DRAIN FOR USE TO TOP OF FLOOR
P21	ZUPR	21400	LIGHT DUTY ACIPERSTAIN FLOOR SINK WITH 12" SQUARE WHITE PVC HALF GRATE AND STAINLESS STEEL DEBRIS TRAP WITH 3" WING HANDLE. REF PLANS FOR LOCATIONS WHERE GRATE IS SPECIFIED.

CLEANOUT SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION
FC01	ZUPR	21400	CAST IRON PVC BODY, ROUND EXT. HEAVY-DUTY CAST OR DUCTILE IRON TOP, POLYPROPYLENE OR ABS PLUG. AVAILABLE TO FINISH SURFACE.
	MIFAB	852	
	JAY R. SMITH	C1100	
	JOSAM	525	
	WATTS	CO-200-R	
	GATLEY	74000	

GENERAL INFORMATION (AS APPLICABLE)

- REFER TO PLANS FOR DRAIN OUTLET SIZE.
- LOAD CLASSIFICATIONS: LIGHT DUTY <2000 LBS., MEDIUM DUTY <4000 LBS., HEAVY DUTY 5000 TO 7400 LBS., EXTRA HEAVY DUTY 7500 TO 9999 LBS.

EQUIVALENT NOMINAL PIPE SIZES

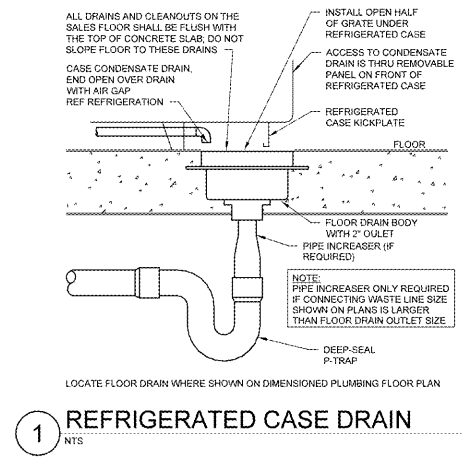
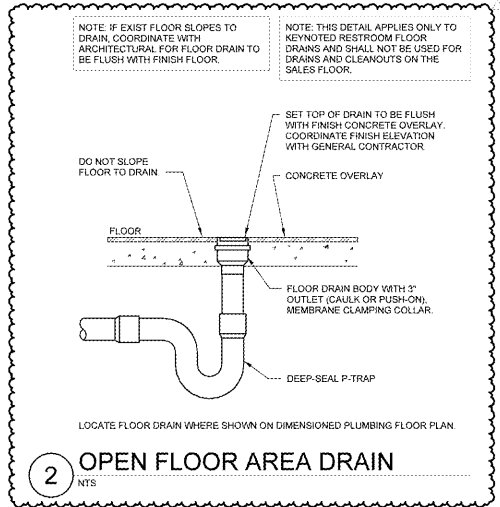
PLAN SIZE	POLYPROPYLENE	PEX
(COPPER)	HOT WATER	COLD WATER
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1"	1"
1 1/4"	1 1/2"	1 1/4"
1 1/2"	2"	1 1/2"
2"	2 1/2"	2"
2 1/2"	3"	2 1/2"
3"	3 1/2"	3"
4"	5"	4"

NOTE: REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

PLUMBING SYMBOLS

SS	SANITARY SEWER
GW	GREASE WASTE
OW	OIL WASTE
ST	STORM SEWER
RD	ROOF DRAIN LINE
ORF	OVERFLOW ROOF DRAIN LINE
DCW	DOMESTIC COLD WATER
DCW	DOMESTIC HOT WATER
DCWR	DOMESTIC HOT WATER RETURN
IRW	IRRIGATION WATER
T	TEMPERED WATER
F	FILTERED WATER
G	NATURAL GAS
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
RO	REVERSE OSMOSIS WATER
V	PLUMBING VENT
VAC	PLUMBING VACUUM
U	UNION
GR	GAS PRESSURE REGULATOR
GC	GAS COCK
ETD	ELBOW - TURNED DOWN
ETU	ELBOW - TURNED UP
ETD	TEE - TURNED DOWN
ETU	TEE - TURNED UP
BV	BALL VALVE
FCV	FLOW CONTROL VALVE
PLV	PLUG VALVE
CV	CHECK VALVE
SHV	SHUT-OFF VALVE IN VERTICAL LINE
BPV	BACKFLOW PREVENTER
WM	WATER METER
WHA	WATER HAMMER ARRESTOR
TMR	THERMOMETER
T & P	T & P RELIEF VALVE
TMV	THERMOSTATIC MIXING VALVE
FD	FLOOR DRAIN
RD	ROOF DRAIN/OVERFLOW ROOF DRAIN
FS	FLOOR SINK
FCD	FLOOR CLEANOUT
YCD	YARD CLEANOUT
FPWH	FREEZE PROOF WALL HYDRANT
HOB	HOSE BIBB
WCD	WALL CLEANOUT
C	CONNECT TO EXISTING
ETR	EXISTING TO REMAIN
D	DEMO PIPE
ASL	AREA OF SLAB CUT
VBF	VENT BELOW FLOOR

Order Plans @ www.lidline.com



CONSULTANTS

HENDERSON ENGINEERS
6545 LESDALE AVENUE, SUITE 200
DURHAM, NC 27706
TEL: 919.274.1000 FAX: 919.274.1001
WWW.HENDERSONENGINEERS.COM

2020 SPRB

Walmart*

LELAND, NC
1112 NEW POINT BOULEVARD
STORE NO. 4273-26

JOB NUMBER: 2806316232 | PHOTO:

ISSUE BLOCK

1	PR #1	06/15/20

CHECKED BY: AI
DRAWN BY: TNJ
PROTO CYCLE: 02/28/20
DOCUMENT DATE: 04/08/20

NOT FOR CONSTRUCTION

PLUMBING DETAILS AND SCHEDULES