

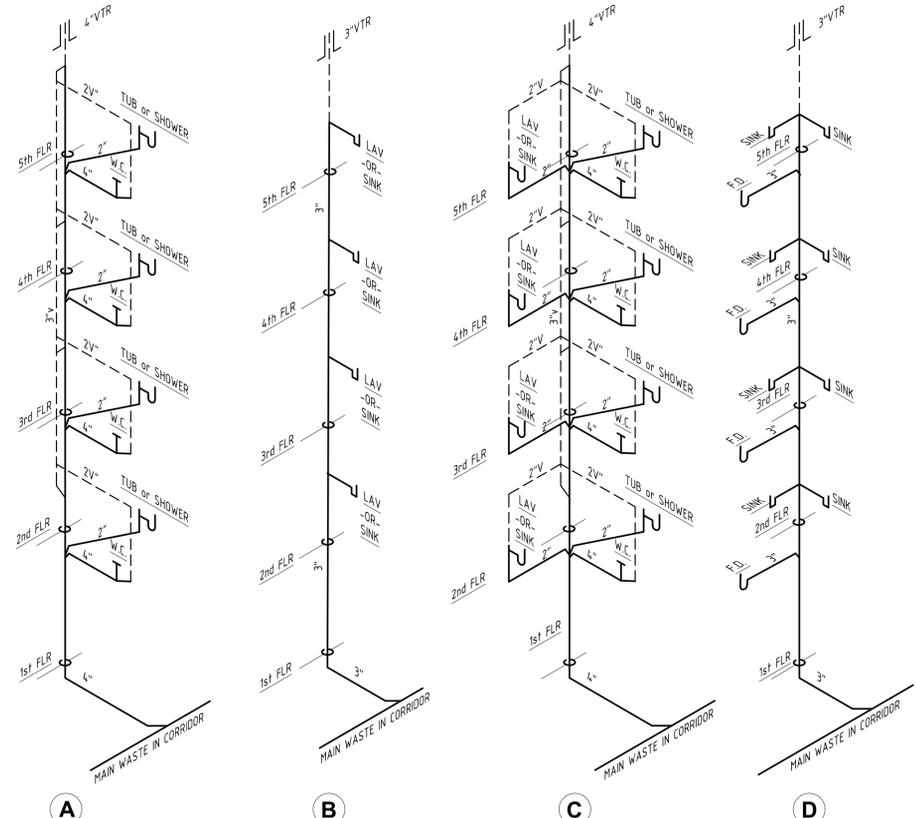
12 DOMESTIC WATER RISER DIAGRAMS
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32 FUEL GAS RISER DIAGRAM
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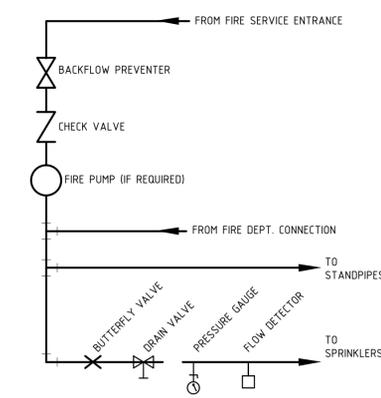
FIXTURE	NO.	WASTE		WATER	
		FIXTURE UNITS	TOTAL D.F.U.	FIXTURE UNITS	TOTAL W.S.F.U.
BATHROOM GROUPS	112	5	560	3.6	403
SINKS	4	2	8	1.4	6
FLUSH VALVES	5	8	40	5	25
LAVATORY	7	1	7	2	14
EMPLOYEE LOUNGE SINK	1	2	2	3	3
HAND SINK	1	1	1	1.4	2
COMMERCIAL CLOTHES WASHER	3	6	18	10	30
RESIDENTIAL CLOTHES WASHER	1	3	3	4	4
ICE MAKER	4	-	-	1	5
COFFEE BREWER	1	-	-	1	1
ICED TEA BREWER	1	-	-	1	1
JUICE DISPENSER	1	-	-	1	1
MOP BASIN	2	3	6	3	6
EMERGENCY EYEWASH	3	1	3	1	3
WALL HYDRANTS	6	-	-	2.5	15
FLOOR DRAINS	16	2	32	-	-
SCULLERY SINK	1	3	3	3	3
DISHWASHER	1	3	3	3	3
DRINKING FOUNTAIN	2	1	2	1	2

BUILDING TOTALS:
688 DFU TO SANITARY SYSTEM
527 WSFU = 130 GPM PEAK DOMESTIC WATER DEMAND

MARK	FIXTURE TYPE	MANUFACTURER MFR.'S NO.	MINIMUM SIZE UTILITY TO FIXTURE				
			WASTE	HOT WATER	COLD WATER	FUEL GAS	VENT
EWS	EMERGENCY EYEWASH	HAWS 7260B	1 1/4"	1/2"	1/2"	-	1 1/4"
FLD	FLOOR DRAIN	SEE SPEC. 223000	VARIES	-	1/2"	-	VARIES
HB	HOSE BIBB	SEE SPEC. 223000	-	-	1/2"	-	-
HBF	FREEZE-PROOF HOSE BIBB	SEE SPEC. 223000	-	-	1/2"	-	-
MOP-01	MOP SINK	SEE SPEC. 224000b	3"	1/2"	1/2"	-	1 1/4"
SHR-14	ROLL-IN SHOWER	SEE SPEC. 224000b	2"	1/2"	1/2"	-	1 1/2"
SHR-16	ADA SHOWER	SEE SPEC. 224000b	2"	1/2"	1/2"	-	1 1/2"
SNK-03	LAVATORY-EMPLOYEE	SEE SPEC. 224000b	1 1/4"	1/2"	1/2"	-	1 1/4"
SNK-04	LAVATORY-PUBLIC	SEE SPEC. 224000b	1 1/4"	1/2"	1/2"	-	1 1/4"
SNK-05	BREAKROOM SINK	SEE SPEC. 224000b	1 1/2"	1/2"	1/2"	-	1 1/4"
SNK-41	LAVATORY-GUESTROOM	SEE SPEC. 224000b	1 1/4"	1/2"	1/2"	-	1 1/4"
SNK-42	LAVATORY-ADA GUESTROOM	SEE SPEC. 224000b	1 1/4"	1/2"	1/2"	-	1 1/4"
SVS-02	LAUNDRY SINK	SEE SPEC. 224000b	1 1/2"	1/2"	1/2"	-	1 1/4"
TUB-08	BATHTUB	SEE SPEC. 224000b	2"	1/2"	1/2"	-	1 1/2"
TUB-09	ADA BATHTUB	SEE SPEC. 224000b	2"	1/2"	1/2"	-	1 1/2"
URN-01	URINAL	SEE SPEC. 224000b	2"	---	1"	-	1 1/2"
WCL-05	WATER CLOSET-PUBLIC	SEE SPEC. 224000b	3"	---	1"	-	2"
WCL-16	WATER CLOSET-GUESTROOM	SEE SPEC. 224000b	3"	---	1/2"	-	2"
WCR	WATER COOLER	HAWS 1011	1 1/4"	---	1/2"	-	1 1/4"
WCR-51	HYDRATION STATION	SEE SPEC. 224000b	1 1/4"	---	1/2"	-	1 1/4"
WH1	WATER HEATER	INTELLIHOT IN501	3/4"	1 1/2"	1 1/2"	1 1/2"	-
WH2	WATER HEATER	INTELLIHOT IN251	3/4"	3/4"	3/4"	3/4"	-



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