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BASIS OF DESIGN

DINING HALL PLUMBING FIXTURE CALCULATIONS

QUANTITY	DESCRIPTION	UPC TABLE 6-5 DESCRIPTION	COLD WSFU (PER FIXTURE)	HOT WSFU (PER FIXTURE)	TOTAL WSFU (PER FIXTURE)	WSFU (TOTAL)	DFU (PER FIXTURE)	DFU (TOTAL)	
3	HAND SINK	SINK, WASH-UP	1.5	1.5	2	6	1	3	
1	2 COMPARTMENT SINK	SINK, SERVICE	1.5	1.5	2	2	3	3	
1	DISHWASHER	-	2	2	2	2	2	2	
1	DISH SPRAY	SINK, SERVICE	1.5	1.5	2	2	3	3	
1	3 COMPARTMENT SINK	SINK, SERVICE	1.5	1.5	2	2	3	3	
1	BEVERAGE DISPENSER	-	0.5	0	0.5	0.5	1	1	
2	ICE MACHINE	-	0.5	0	0.5	1	0.5	1	
2	HOSE BIBB	HOSE BIBB	2.5	0	2.5	5	0	0	
2	FLOOR DRAIN WITH CLEANOUT	FLOOR DRAIN, EMERGENCY	0	0	0	0	0	0	
1	LAVATORY	LAVATORY, PRIVATE	0.75	0.75	1	1	1	1	
1	WASHING MACHINE	CLOTHES WASHER	3	3	4	4	3	3	
1	WATER CLOSET	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	6	0	6	6	6	6	
						TOTAL WSFU:	31.5	TOTAL DFU:	23

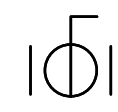
APARTMENT PLUMBING FIXTURE CALCULATIONS

QUANTITY	DESCRIPTION	UPC TABLE 6-5 DESCRIPTION	COLD WSFU (PER FIXTURE)	HOT WSFU (PER FIXTURE)	TOTAL WSFU (PER FIXTURE)	WSFU (TOTAL)	DFU (PER FIXTURE)	DFU (TOTAL)	
1	KITCHEN SINK	SINK, KITCHEN DOMESTIC	1.125	1.125	1.5	1.5	2	2	
2	LAVATORY	LAVATORY, PRIVATE	0.75	0.75	1	2	1	2	
1	SHOWER	SHOWER, PER HEAD	1.5	1.5	2	2	2	2	
1	WASHING MACHINE	CLOTHES WASHER	3	3	4	4	3	3	
1	WATER CLOSET	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	6	0	6	6	6	6	
						TOTAL WSFU:	15.5	TOTAL DFU:	15

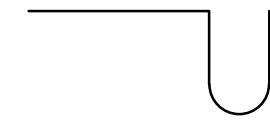
LEGEND & ABBREVIATIONS

- DOMESTIC COLD WATER PIPE
- DOMESTIC HOT WATER PIPE
- DOMESTIC HOT WATER RECIRCULATION PIPE
- GAS PIPE
- SS SANITARY PIPE
- S SUB-SLAB SANITARY PIPE
- VENT PIPE

- DCW DOMESTIC COLD WATER
- DHW DOMESTIC HOT WATER
- DN DOWN
- FCO FLOOR CLEAN OUT
- SAN SANITARY
- V VENT
- VTR VENT THROUGH ROOF

 BALL VALVE


 FLOOR DRAIN WITH CLEAN OUT

 P-TRAP (SCHEMATIC)

GENERAL NOTES

1. DESIGN IN ACCORDANCE WITH MAINE UNIFORM BUILDING AND ENERGY CODE AND THE MAINE STATE HOUSING AUTHORITY 2014 QUALITY STANDARDS AND PROCEDURES.
 - 1.1. 2009 INTERNATIONAL ENERGY CONSERVATION CODE
 - 1.2. 2009 INTERNATIONAL MECHANICAL CODE
 - 1.3. 2009 UNIFORM PLUMBING CODE
 - 1.4. ASHRAE 90.1 2010

Ripcord Engineering
 PO Box 4175
 Portland, ME
 04101
 207.331.7900
 sonia.barrantes@ripcordengineering.com




PROJECT NO. **15031**
 PROJECT NAME **SALVATION ARMY ARC**
PORTLAND, ME

REVISIONS

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CONSTRUCTION DOCUMENTS

ISSUE DATE **10/25/16**
 SHEET SCALE **NTS**

DRAWN BY **SMB**
 SHEET TITLE **PLUMBING BOB, LEGEND, ABBREVIATIONS, AND GENERAL NOTES**

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