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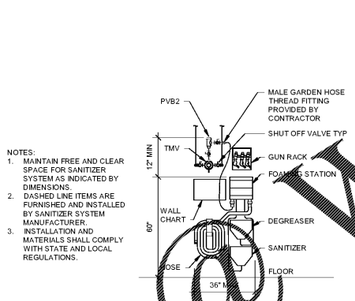
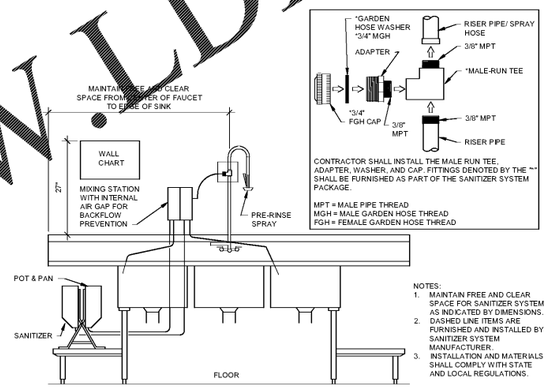
PLUMBING SYMBOLS

SS	SANITARY SEWER
GW	GREASE WASTE
OW	OIL WASTE
ST	STORM SEWER
RD	ROOF DRAIN LINE
ORD	OVERFLOW ROOF DRAIN LINE
– –	DOMESTIC COLD WATER
– –	DOMESTIC HOT WATER
– – –	DOMESTIC HOT WATER RETURN
IW	IRRIGATION WATER
T	TEPID OR TEMPERED WATER
F	FILTERED WATER
G	NATURAL GAS
A	COMPRESSED AIR
CD	CONDENSATE DRAIN
RO	REVERSE OSMOSIS WATER
V	PLUMBING VENT
VAC	PLUMBING VACUUM
	UNION
	GAS PRESSURE REGULATOR
	GAS COCK
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	TEE - TURNED DOWN
	TEE - TURNED UP
	BALL VALVE
	FLOW CONTROL VALVE
	PLUG VALVE
	CHECK VALVE
	SHUT-OFF VALVE IN VERTICAL LINE
	BACKFLOW PREVENTER
M	WATER METER
WHA	WATER HAMMER ARRESTOR
	THERMOMETER
	T & P RELIEF VALVE
TMV	THERMOSTATIC MIXING VALVE
FD	FLOOR DRAIN
RD	ROOF DRAIN/OVERFLOW ROOF DRAIN
FS	FLOOR SINK
FCO	FLOOR CLEANOUT
YCO	YARD CLEANOUT
FPWH	FREEZE PROOF WALL HYDRANT
HB	HOSE BIBB
WCO	WALL CLEANOUT
	CONNECT TO EXISTING
ETR	EXISTING TO REMAIN
	DEMO PIPE
	AREA OF SLAB CUT
VBF	VENT BELOW FLOOR



NOTES:
1. MAINTAIN FREE AND CLEAR SPACE FOR SANITIZER SYSTEM AS INDICATED BY DIMENSIONS.
2. DASHED LINE ITEMS ARE FURNISHED AND INSTALLED BY SANITIZER SYSTEM MANUFACTURER.
3. INSTALLATION AND MATERIALS SHALL COMPLY WITH STATE AND LOCAL REGULATIONS.

6 TEMPERED HOSE STATION SANITIZER ELEVATION
NTS



NOTES:
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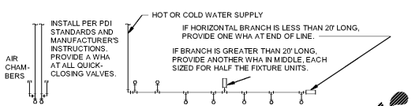
5 TRIPLE SINK SANITIZER ELEVATION
NTS

CONTRACTOR SHALL INSTALL THE MALE RUN TEE, ADAPTER, WASHER, AND CAP. FITTINGS DENOTED BY THE "*" SHALL BE FURNISHED AS PART OF THE SANITIZER SYSTEM PACKAGE.

MPT = MALE PIPE THREAD
MGH = MALE GARDEN HOSE THREAD
FGH = FEMALE GARDEN HOSE THREAD

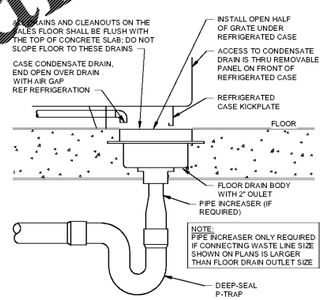


PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	--
TANK WATER CLOSET		--
URINAL		--
[illegible] SINK		1.5
JANITOR'S [illegible]	3	
SHOWER/BATH [illegible]	2	2

FOR BATTERIES OF FIXTURES, PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI # WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

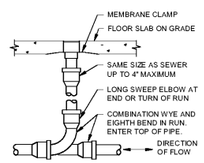
4 WATER HAMMER ARRESTORS
NTS



NOTE:
PIPE INCREASER ONLY REQUIRED IF CONNECTING WASTE LINE SIZE SHOWN ON PLANS IS LARGER THAN FLOOR DRAIN OUTLET SIZE

LOCATE FLOOR DRAIN WHERE SHOWN ON DIMENSIONED PLUMBING FLOOR PLAN

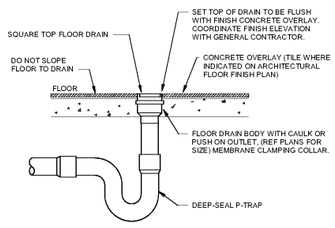
3 REFRIGERATED CASE DRAIN
NTS



2 FLOOR CLEANOUT
NTS

NOTE: IF EXIST FLOOR SLOPES TO DRAIN, COORDINATE WITH ARCHITECTURAL FOR FLOOR DRAIN TO BE FLUSH WITH FINISH FLOOR.

NOTE: THIS DETAIL APPLIES ONLY TO KEYNOTED RESTROOM FLOOR DRAINS AND SHALL NOT BE USED FOR DRAINS AND CLEANOUTS ON THE SALES FLOOR.



LOCATE FLOOR DRAIN WHERE SHOWN ON DIMENSIONED PLUMBING FLOOR PLAN.

1 OPEN FLOOR AREA DRAIN - RR
NTS

DUSTIN R. PADGET

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PLUMBING DETAILS

SHEET: P2