

PLUMBING FIXTURE SCHEDULE				
MARK	DESCRIPTION	CONNECTIONS (INCHES)		
		CW	HW	WASTE
P-1	WATER CLOSET, FLOOR MOUNT	1	-	4
P-1A	WATER CLOSET, FLOOR MOUNT, HANDICAPPED	1	-	4
P-2	URINAL, WALL HUNG	1	-	1 1/2
P-2A	URINAL, WALL HUNG, HANDICAPPED	1	-	1 1/2
P-3	LAVATORY, COUNTERTOP	1/2	1/2	1 1/4
P-3A	LAVATORY, COUNTERTOP, HANDICAPPED	1/2	1/2	1 1/4
P-4	ELECTRIC WATER COOLER	1"	-	1 1/4
P-4A	ELECTRIC WATER COOLER, HANDICAPPED	1"	-	1 1/4
P-5	HOSE BIBB, WITH VACUUM BREAKER	3/4	-	-
P-6	LAVATORY, WALL HUNG	1/2	1/2	1 1/4
P-7	MOP SERVICE SINK	3/4	3/4	3"
P-8	SHOWER	1/2	1/2	2
P-9	TEMPERED MIXING VALVE	PER RISER	PER RISER	-
P-10	FLOOR DRAIN, W/ INTEGRAL CLEANOUT	-	-	PER PLAN
P-11	FLOOR DRAIN	-	-	PER PLAN
P-12	HUB DRAIN	-	-	PER PLAN
P-13	WALL HYDRANT	3/4	-	-
P-14	CAN WASH STATION	3/4	3/4	4 + 3"
P-15	CART WASH STATION	3/4	3/4	3"
P-16	SIZE A WATER HAMMER ARRESTOR (NOTES 2 & 3)	-	-	-
P-17	SIZE B WATER HAMMER ARRESTOR (NOTES 2 & 3)	-	-	-
P-18	SIZE C WATER HAMMER ARRESTOR (NOTES 2 & 3)	-	-	-
P-19	SIZE D WATER HAMMER ARRESTOR (NOTES 2 & 3)	-	-	-
P-20	NOT USED	-	-	-

NOTES:
1. REFER TO SHEETS P501 AND P502 FOR FIXTURE DETAILS.
2. WATER HAMMER ARRESTOR SIZE AS DEFINED BY PLUMBING AND DRAINAGE INSTITUTE (PDI).
3. INSTALL WATER HAMMER ARRESTORS ABOVE CEILING.

PUMP SCHEDULE					
MARK	HP-1		HP-2		-
	HP-1	HP-2	HP-1	HP-2	
SERVICE	HOT WATER	HOT WATER	-	-	-
WATER FLOW - GPM	55	4	-	-	-
TOTAL DYNAMIC HEAD - FT. W.G.	10	10	-	-	-
MOTOR - HP	1/4	1/6	-	-	-
MOTOR SPEED - RPM	1725	1725	-	-	-
ELECTRICAL - V/ø/Hz	115/1/60	115/1/60	-	-	-
PUMP TYPE	IN LINE ALL BRONZE CENTRIFUGAL	IN LINE ALL BRONZE CENTRIFUGAL	-	-	-

NOTES:
1. HP-1 SHALL BE AN INTEGRAL PART OF GAS WATER HEATER H-1 AND BE PROVIDED BY THE HEATER MFR.

GAS WATER HEATER SCHEDULE			
MARK	H-1	-	-
STORAGE (GAL)	120	-	-
RECOVERY (GPH @ ΔT.)	737 @ 100	-	-
GAS INPUT (MBTUH)	745	-	-
MINIMUM EFFICIENCY - %	81	-	-

NOTES:
1. HEATERS SHALL BE EQUIPPED WITH INTEGRAL CIRCULATING PUMPS PROVIDED BY THE HEATER MFR.

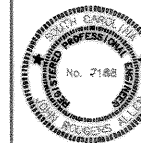
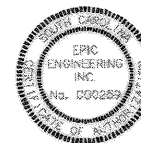
PLUMBING LEGEND

AD	ACCESS DOOR	-----	GAS
A.F.F.	ABOVE FINISHED FLOOR	-----	COLD WATER
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	-----	110 F HOT WATER
B.F.F.	BELOW FINISHED FLOOR	-----	140 F HOT WATER
C.O.	CLEANOUT	-----	HOT WATER RETURN
HP-#	HOT WATER PUMP DESIGNATION	-----	ANITAL VENT
P-#	FIXTURE DESIGNATION	-----	VENTILATION
H-#	WATER HEATER DESIGNATION	-----	SAFETY GREASE
I.E.	INVERT ELEVATION	-----	
N.T.S.	NOT TO SCALE	-----	
S.H.T.	SHEET	-----	
T&P	TEMPERATURE & PRESSURE	-----	
TP	TRAP PRIMER	-----	
VTR	VENT THROUGH ROOF	-----	
W.C.	WALL CLEANOUT	-----	
F.C.	FLOOR CLEANOUT	-----	

GENERAL PLUMBING NOTES

- PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR COMPLETE AND PROPERLY FUNCTIONING PLUMBING SYSTEMS.
- WORK SHALL CONFORM TO OR MEET THE REQUIREMENTS OF THE MOST CURRENT EDITION OF:
 - INTERNATIONAL PLUMBING CODE
 - ASPE
 - UL
 - ANSI
 - ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES
 - INTERNATIONAL GAS CODE
- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO BE SCALED FOR DIMENSIONS.
- COORDINATE LOCATION OF PLUMBING WORK WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
- INSTALL ALL EQUIPMENT AND MATERIAL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN PRINTED INSTRUCTIONS AND RECOMMENDATIONS.
- ALL EQUIPMENT AND PIPE ABOVE CEILING SHALL BE SUPPORTED FROM BUILDING STRUCTURE ABOVE, UNLESS NOTED OTHERWISE.
- WHERE PIPES PENETRATE FIRE RATED BARRIERS (WALLS, FLOORS AND CEILINGS) SEAL OPENING AROUND PIPES WITH U.L. LISTED FIRE STOPPING MATERIAL TO MAINTAIN THE FIRE RATING OF THE BARRIER.
- PROVIDE EXPANSION-DEFLECTION JOINTS WHERE PIPE CROSSES BUILDING EXPANSION OR SEISMIC JOINTS.
- CLEANOUTS, LINE SIZE, UNLESS NOTED OTHERWISE.
- FLOOR DRAINS, LINE SIZE, UNLESS NOTED OTHERWISE.
- REFER TO KITCHEN PLANS FOR KITCHEN EQUIPMENT SCHEDULE. DESIGNATIONS ON THE KITCHEN EQUIPMENT SCHEDULES APPLY TO PLUMBING DRAWINGS.

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RECORD DRAWING DATE
9/27/04
DRAWING SIZE: D
SPEC. NO. D6-88-0939
CONSTR. CONTR. NO.
INS2457-88-C-0039
NAVFAC DRAWING NO.
535794B
SHEET 123 OF 194

P-001

CHARLESTON AIR FORCE BASE CHARLESTON, SOUTH CAROLINA
DINING FACILITY
PLUMBING NOTES, LEGEND AND SCHEDULES
APPROVED: *[Signature]* PE DATE: 9/27/04
EPIC FOR COMMENTS, VARIOUS

REVISIONS
Description Date
1. AS-BUILT DRAW. NO CONNECTIONS 4/1/11
2. DONALDSON, S.C. 9/27/04
3. SUPP. 9/27/04
4. SUBSTITUTED BY OTHER REVISIONS 9/27/04
5. TECHNICAL BRANCH 9/27/04

Drawn By: [Blank]
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Date: [Blank]
Scale: [Blank]
Title: [Blank]