

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE					FAUCET/VALVE				CONNECTIONS				REMARKS	
	FIXTURE	TYPE	BASIS OF DESIGN	MATERIAL	STYLE	BASIS OF DESIGN	SPOUT	HANDLES	CENTERS	WASTE	VENT	CW	HW		MOUNT
P-1	ADA WATER CLOSET	FLUSH VALVE BOWL	AMERICAN STANDARD 2854.128	VITREOUS CHINA	ADA HGT. - 16-1/2" ELONGATED RIM	SYSTEM FURNISHED WITH 1.28 GPF FLUSH VALVE	-	-	-	4"	2"	1"	-	FLOOR	MOUNTING HEIGHT IS FROM FINISHED FLOOR TO RIM OF FIXTURE. PROVIDE WITH AMERICAN STANDARD 5901.100 SEAT.
P-2	URINAL	FLUSH VALVE	AMERICAN STANDARD 6002.503	VITREOUS CHINA	STD. HGT. - 24" 14" ELONGATED LIP	SYSTEM FURNISHED WITH 0.125 GPF FLUSH VALVE	-	-	-	2"	1-1/2"	3/4"	-	WALL	MOUNTING HEIGHT IS FROM FINISHED FLOOR TO LIP OF FIXTURE.
P-2A	ADA URINAL	FLUSH VALVE	AMERICAN STANDARD 6002.503	VITREOUS CHINA	ADA HGT. - 17" 14" ELONGATED LIP	SYSTEM FURNISHED WITH 0.125 GPF FLUSH VALVE	-	-	-	2"	1-1/2"	3/4"	-	WALL	MOUNTING HEIGHT IS FROM FINISHED FLOOR TO LIP OF FIXTURE.
P-3	LAVATORY	SELF-RIMMING	AMERICAN STANDARD 0475.047	VITREOUS CHINA	20"X17"	DELTA (0.5 GPM) 501LF-HGMHDF	5"	SINGLE HANDLE	4"	1-1/2"	1-1/2"	1/2"	1/2"	CNTR TOP	PROVIDE PLUMBEREX "HANDY-SHIELD" ON EXPOSED DRAIN AND SUPPLIES.
P-4	ADA KITCHEN SINK	SELF-RIMMING	ELKAY LRAD2521	18 GA. S.S.	SINGLE COMPT W/ 5-1/2" DEEP BOWL	ELKAY (1.5 GPM) LK1500	8"	SINGLE HANDLE	8"	1-1/2"	1-1/2"	1/2"	1/2"	CNTR TOP	PROVIDE PLUMBEREX "HANDY-SHIELD" ON EXPOSED DRAIN AND SUPPLIES.
P-4A	WEAPONS CLEANING SINK	SELF-RIMMING	ELKAY LLVR19	18 GA. S.S.	19" DIAM	DELTA (1.5 GPM) 27C4844	4-1/2"	BLADE HANDLES	4"	1-1/2"	1-1/2"	1/2"	1/2"	CNTR TOP	PROVIDE PLUMBEREX "HANDY-SHIELD" ON EXPOSED DRAIN AND SUPPLIES.
P-4B	UTILITY SINK	SELF-RIMMING	ELKAY SS8124	14 GA. S.S.	FREE-STANDING SINGLE COMPT.	ELKAY (1.5 GPM) LK940AT12L2H	8"	LEVER HANDLES	8"	1-1/2"	1-1/2"	1/2"	1/2"	FLOOR	PROVIDE ELKAY LK18B DRAIN FITTING.
P-4C	DOG WASH SINK	-	-	-	-	-	-	-	-	2"	1-1/2"	1/2"	1/2"	FLOOR	OWNER FURNISHED. OWNER INSTALLED. COORDINATE ROUGH-IN HEIGHTS WITH OWNER.
P-5	SHOWER	ONE-PIECE	AQUARIUS G 3679 SH	ACRYLIC	ID 32"X32"	DELTA (1.5 GPM) R10000UNWS / T13H183	SHOWER HEAD	SINGLE LEVER	-	2"	1-1/2"	1/2"	1/2"	FLOOR/WALL	PROVIDE S.S. CURTAIN ROD AND CHROME DRAIN. SEE P-501 FOR PLUMBING ROUGH-INS.
P-5A	ADA TRANSFER SHOWER	ONE-PIECE	COMFORT DESIGN XSS 3682 BF RRF-1	ACRYLIC	ID 36"X36"	DELTA (1.5 GPM) R10700UNWS / T13H383	HEAD/HANDSET	SINGLE LEVER	-	2"	1-1/2"	1/2"	1/2"	FLOOR/WALL	PROVIDE S.S. GRAB-BAR, FOLD-UP SEAT, S.S. CURTAIN ROD, CHROME DRAIN, AND COLLAPSIBLE DAM. SEE P-501 FOR PLUMBING ROUGH-INS.
P-6	WATER COOLER/BOTTLE FILLER	BARRIER-FREE SPLIT LEVEL	ELKAY EZSTL8WSLK	S.S. BOWLS VINYL CABINETS	ADA HGT. - 36" STD. HGT. - 42"	-	-	-	-	1-1/2"	1-1/2"	1/2"	-	WALL	MOUNTING HEIGHT IS FROM FINISHED FLOOR TO CENTERLINE OF RUBBLER.
P-7	MOP BASIN	RAISED RIM	STERN-WILLIAMS MTB-2424	MOLDED STONE	24"X24"	STERN-WILLIAMS T-10-VB	8"	LEVER HANDLES	8"	3"	1-1/2"	1/2"	1/2"	FLOOR	PROVIDE 36" RUBBER HOSE AND WALL HANGER BRACKET (STERN-WILLIAMS T-35); AND S.S. SPLASH PANELS (STERN-WILLIAMS BP).
P-8	EMERGENCY EYEWASH	SELF-RIMMING	GUARDIAN G1808-TMV	STAINLESS STEEL	11" DIAM	-	-	-	-	1-1/2"	1-1/2"	1/2"	1/2"	CNTR TOP	PROVIDE PLUMBEREX "HANDY-SHIELD" ON EXPOSED DRAIN AND SUPPLIES.
P-9	CLOTHES WASHER BOX	RECESSED	GUY GRAY MIB2HAAB	20 GA. STEEL	-	-	-	-	-	-	-	1/2"	-	WALL	WHITE POWDER COATED OUTLET BOX W/ QUARTER TURN HAMMER ARRESTER VALVE.
P-10	ICE-MAKER BOX	RECESSED	GUY GRAY MIB2HAAB	20 GA. STEEL	-	-	-	-	-	-	-	1/2"	-	WALL	WHITE POWDER COATED OUTLET BOX W/ QUARTER TURN HAMMER ARRESTER VALVE.

DRAIN AND CLEANOUT SCHEDULE

MARK	USE	DRAIN SIZE	GRATE SIZE	BASIS OF DESIGN	REMARKS
FD-1	FLOOR DRAIN	VARIES	6"X6"	JR SMITH 2005B06-NB	SEE NOTES 1 AND 2
FD-2	FLOOR DRAIN	VARIES	8" DIA.	JR SMITH 2005A06-NB	SEE NOTES 1 AND 2
FCO	FLOOR CLEANOUT	VARIES	-	JR SMITH 4023-NB	NICKEL BRONZE TOP W/ BRONZE PLUG
WCO	WALL CLEANOUT	VARIES	-	JR SMITH 4531S-Y	C/C CLEANOUT TEE W/ BRONZE PLUG AND S.S. COVER
GCO	GRADE CLEANOUT	VARIES	-	JR SMITH 4240S-NB	HOUSING W/ NICKEL BRONZE TOP AND ABS PLUG


NOTES:  
 1. COORDINATE EXACT PLACEMENT OF FLOOR DRAINS WITH EQUIPMENT LOCATIONS AND ARCHITECTURAL FINISH FLOOR PLANS PRIOR TO ROUGH-IN.  
 2. PROVIDE ASSE 1072 APPROVED FLOOR DRAIN TRAP SEAL DEVICES ON ALL FLOOR DRAINS.

PLUMBING EQUIPMENT SCHEDULE

BACKFLOW PREVENTER	
BFP-1	REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY WITH TWO INDEPENDENTLY OPERATING, SPRING LOADED CHECK VALVES AND ONE HYDRAULICALLY DEPENDENT DIFFERENTIAL RELIEF VALVE. PROVIDE WITH AIR GAP DRAIN FITTING WITH THE DRAIN PIPED TO THE NEAREST FLOOR DRAIN. BASIS OF DESIGN: WILKINS MODEL 375XL
WATER HEATER	
GWH-1 GWH-2 GWH-3	CONDENSING, GAS-FIRED, TANKLESS WATER HEATER. 199,900 BTUH INPUT, 193,900 BTUH OUTPUT, 6.5 GPM @ 60° F RISE. SET OUTLET TO PROVIDE 110° F DOMESTIC WATER. PROVIDE WITH ELECTRICAL DISCONNECT. PROVIDE A CONDENSATE NEUTRALIZER KIT ON THE CONDENSATE PIPE PRIOR TO DISCHARGE INTO SANITARY DRAINAGE SYSTEM (EQUAL TO NAVIEN MODEL GX0001324). BASIS OF DESIGN: NAVIEN MODEL NPE-240S
EXPANSION TANK	
ET-1	HOT WATER SYSTEM EXPANSION TANK. 2.0 GALLON STEEL TANK WITH HEAVY-DUTY DIAPHRAGM AND POLYPROPYLENE LINER. 150 PSIG MAXIMUM WORKING PRESSURE, ASME CERTIFIED. CHARGE TO SYSTEM OPERATING PRESSURE. BASIS OF DESIGN: AMTROL THERM-X-TROL SERIES ST-5C
RECIRCULATING PUMP	
RP-1	STAINLESS STEEL HOT WATER RECIRCULATING PUMP, 3 GPM @ 11 FT HD. FLANGED INLET/OUTLET, 1/25 HP IN-LINE CIRCULATOR, DIRECT DRIVE. PROVIDE WITH TIMER/AQUASTAT AND ELECTRICAL DISCONNECT. ADJUST TIMER TO OPERATE PUMP DURING NORMAL BUSINESS HOURS. BASIS OF DESIGN: TACO MODEL 008-SF6 CARTRIDGE CIRCULATOR W/ TIMER / AQUASTAT
HOSE BIBB	
HB-1	ENCASED TYPE, SELF-DRAINING, NON-FREEZE WALL HYDRANT WITH ANTI-SIPHON AND VANDAL RESISTANT INTEGRAL VACUUM BREAKER WITH 3/4" INLET, 3/4" HOSE CONNECTION. PROVIDED WITH POLISHED CHROME PLATED FACE PLATE AND SATIN NICKEL BRONZE BOX WITH HINGED LOCKING COVER. OPERATING HANDLE TO BE LOOSE TEE KEY. BASIS OF DESIGN: MIFAB MODEL MHY-20
HB-2	INTERIOR EXPOSED, AUTOMATIC DRAINING, CHROME HOSE BIBB WITH ANTI-SIPHON VACUUM BREAKER. 1/2" INLET, 3/4" HOSE CONNECTION. PROVIDE LOOSE TEE KEY OPERATING HANDLE IN PUBLIC SPACES / WHEEL HANDLE IN SERVICE SPACES. BASIS OF DESIGN: MIFAB MODEL MHY-9240-NPB
HB-3	INTERIOR EXPOSED, AUTOMATIC DRAINING, CHROME WALL FAUCET WITH ANTI-SIPHON VACUUM BREAKER. 3/4" INLET, 3/4" HOSE CONNECTION. PROVIDE CAST-IRON WHEEL HANDLE. BASIS OF DESIGN: MIFAB MODEL MHY-9241-NPB
SOLIDS INTERCEPTOR	
LI-1	FABRICATED STEEL LINT INTERCEPTOR RATED FOR 25 GPM WITH REMOVABLE GASKETED COVER, PRIMARY AND SECONDARY BAFFLES, EPOXY COATING INSIDE AND OUTSIDE, AND 4" INLET AND OUTLET. FURNISH WITH INTEGRAL EXTENSION TO RAISE TOP OF UNIT FLUSH WITH FINISHED FLOOR. BASIS OF DESIGN: JR SMITH MODEL 8910-25

WILMINGTON, NC  
**HAYNES / LACEWELL  
 POLICE AND FIRE  
 TRAINING FACILITY**

DESIGNER  
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SEALS  
  
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SUBMITTAL  
 4 MAY 2018  
**CONSTRUCTION DOCUMENTS**

REVISIONS  
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SHEET  
**PLUMBING SCHEDULES**

**P-002**

DESIGN: RWH  
 DRAWN: RWH  
 REVIEW: DAC  
 CN 5938

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