

FLOOR DRAIN AND MISCELLANEOUS SCHEDULE

SYMBOL	MANUFACTURER/MODEL #	DESCRIPTION	REMARKS
FD-1	ZURN MODEL Z410BZN	COATED CAST IRON BODY FLOOR DRAIN, TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, INVERTIBLE FLASHING COLLAR, WEAPHOLES BOTTOM OUTLET INSIDE. CAULK CONNECTION AND ADJUSTABLE SATIN NIKALOW ROUND STRAINER, STRAINER SHALL BE 6" ROUND. PROVIDE TRAP PRIMER INLET PORT IN DRAINS REQUIRING TRAP PRIMER, PER DRAWINGS.	SIZE AS SHOWN ON DRAWINGS. SLAB ON GRADE. RM FLUSH WITH CONCRETE IN UNFINISHED FLOORS. RAISE RM THICKNESS OF FLOOR IN TILE FLOORS.
HT-1	SMARTWAY IHR INTERCEPTOR MODEL # A41-625	PETLIFF'S SMARTWAY IHR INTERCEPTOR: TOP-LOADED IHR TRAP SYSTEM	
CO-1	ZURN MODEL Z-1400-ZL-8P-NH	FLOOR CLEAN OUT.	
HB-1	ZURN MODEL #Z1341XL-P34-PC	EXPOSED, LEAD FREE, ANTI-SIPHON WALL FAUCET. HYDRANT FEATURES Z1399-VB EXTERNAL VACUUM BREAKER WITH 3/4" MALE HOSE CONNECTION, BRONZE AND STAINLESS STEEL INTERIOR COMPONENTS, VANDAL RESISTANT OPERATING STEM AND SECURED WHEEL TYPE HANDLE. POLISHED CHROME FINISH.	

MEDICAL GAS EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER/MODEL #	DESCRIPTION	ELECTRICAL DATA				REMARKS
			HP	KW	VOLTS	AMPS	
O2	IRI-TECH, #NT1224A	RECESSED CEILING MOUNTED OXYGEN OUTLET. D.I.S.S. OUTLET WITH QUICK DISCONNECT AT THE END OF EACH HOSE.	-	-	-	-	PROVIDE HOSE, QUICK DISCONNECT @ END OF HOSE. HOSE LENGTH SHALL BE SO BOTTOM OF HOSE IS 6" A.F.F.
SCAV	SUPERA, #EVC880PS	CEILING MOUNTED WASTE GAS SCAVENGING OUTLET WITH ROUGH N BOX, 1/2" SCHEDULE 40 FEMALE INLET, 22MM CALIBRATED INLET NIPPLE, 4" 22MM HOSE FOR CEILING DROP, 22MM MALE X MALE ADAPTER.	-	-	-	-	HOSE LENGTH SHALL BE SO BOTTOM OF HOSE IS 6" A.F.F.
SCS-2	SUPERA, #EVC3000	SCAVENGER UNIT WITH SEALED EVACUATION FAN TO REMOVE WASTE GASES TO OUTSIDE AIR. ALL PIPING FOR THIS SYSTEM SHALL BE SCHEDULE 40 PVC PER MANUFACTURERS RECOMMENDATIONS.	-	-	115	-	6" POWER PLUG IN CORD. ALL PIPING SHALL BE SCHEDULE 40 PVC.
GM-1	IRI-TECH, #IMDWP-540-2S	TEI-TECH IMD SERIES MANUAL DUPLEX MANIFOLD WITH STAGGERED 5" CENTERS.	-	-	-	-	
TAV-1	IRI-TECH, #IAV-1	TEI-TECH REMOTE AUDIO/VISUAL ALARM FOR USE WITH GM-1	-	-	120	-	

MEDICAL GAS SCHEDULE NOTES:
DESIGN AND INSTALLATION REQUIREMENTS - CGA-M1

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER/MODEL #	TRM	ROUGH-IN SCHEDULE				REMARKS	
			CW	HW	WASTE	VENT		
WC-1	KOHLER K-5587 BOWL, HIGHLINE 1.0 G.P.T., TANK TYPE FLOOR MOUNTED WATER CLOSET	KOHLER MODEL K-5588 PUREFRESH ELONGATED TOILET SEAT (LESS COVER), STANDARD LH FLUSH (TANK K-5308), RH FLUSH (TANK K-5308-RA) - SEE PLAN FOR STYLE/FLUSH HANDLE.	1/2"	-	4"	2"	16.5" TO SEAT	J.R. SMITH ADJUSTABLE CHAIR CARRIER
L-1	KOHLER K-1728 CHIESAPPAKE 20"x18", THREE HOLE SINK	DELTA MODEL 500-DST FAUCET: 0.5 GPM SINGLE HANDLE FAUCET, THREE HOLE MECHANISM. 2 PIECE ADJUSTABLE P-TRAP WITH GRID DRAIN ASSEMBLY AND ESCUTCHEON. 1/2" IPS X 3/8" O.D. ANGLE SUPPLY STOPS WITH FLEXIBLE RISERS WITH 1/2" C.P. NIPPLES AND ESCUTCHEONS.	1/2"	1/2"	2"	1 1/2"	34" MAN TO RM 30" TO KNEE CLEARANCE	J.R. SMITH FIG. 0700-Z-16 LAV CARRIER CONGOLEAD ARM SUPPORT PROVIDE VANDAL PROOF TRM PROVIDE TRUBRO MODEL 102W WITH 10SW (HANDI LAV-GUARD) INSULATION KIT (WHITE IN COLOR)
S-2	DOUBLE COMPARTMENT SINK 21" X 33" (2) HOLE ON 4" CENTERS JUST MODEL DL-ADA-2133-A-GR 18 GAUGE S/S SELF RM COUNTER INSERT WITH 6.5" DEEP BOWL	DELTA MODEL 2704954-LS-II. DECKMOUNT LESS POP-UP FAUCET WITH 4" CENTERS. TWO 4" BUAD HANDLE'S WITH TEMPERATURE INDICATORS. 6" LONG, 10.5" LIMITED SWING GOOSENECK SPOUT. HEAVY DUTY CAST BRASS. POLISHED CHROME PLATED FINISH ADJUSTABLE P-TRAP WITH GRID DRAIN ASSEMBLY AND ESCUTCHEON. 1/2" IPS X 3/8" O.D. ANGLE SUPPLY STOPS WITH FLEXIBLE RISERS WITH 1/2" C.P. NIPPLES AND ESCUTCHEONS.	1/2"	1/2"	2"	1 1/2"	SEE ARCH. DWGS.	
S-3	SINGLE COMPARTMENT SINK 15" X 17.5" (2) HOLE ON 4" CENTERS ELKAY MODEL LRAD151755 18 GAUGE S/S SELF RM COUNTER INSERT WITH 5.5" DEEP BOWL	DELTA MODEL 2704954-LS-II. DECKMOUNT LESS POP-UP FAUCET WITH 4" CENTERS. TWO 4" BUAD HANDLE'S WITH TEMPERATURE INDICATORS. 6" LONG, 10.5" LIMITED SWING GOOSENECK SPOUT. HEAVY DUTY CAST BRASS. POLISHED CHROME PLATED FINISH ADJUSTABLE P-TRAP WITH GRID DRAIN ASSEMBLY AND ESCUTCHEON. 1/2" IPS X 3/8" O.D. ANGLE SUPPLY STOPS WITH FLEXIBLE RISERS WITH 1/2" C.P. NIPPLES AND ESCUTCHEONS.	1/2"	1/2"	2"	1 1/2"	SEE ARCH. DWGS.	
S-5	ONE PIECE, WALL MOUNTED SINGLE COMPARTMENT SINK - 10"x14"x20" ADVANCE TABCO, MODEL #7-PS-54 HEAVY GAUGE TYPE 304 SERIES S/S	4" O.C. SPLASH MOUNTED GOOSENECK FAUCET. FEATURES 1-1/2" P-TRAP. FAUCET SUPPLY IS 1/2" IPS MALE THIRDFR HOT AND COLD. ALL FITTINGS ARE BRASS/CHROME UNLESS OTHERWISE INDICATED. WALL MOUNTING BRACKET IS GALVANIZED AND OF OFFSET DESIGN.	1/2"	1/2"	2"	1 1/2"	SEE ARCH. DWGS.	
GD-1	FOOD WASTE DISPOSER IN SINK-ERATOR BADGER 5		-	-	-	-	-	1/2 HP, 120-160
MSB-1	Basin: Flat Model #MSB 2424 FITTING: Flat Model #B30-MA	24"x24"x10" FLOOR BASIN WITH S/S STRAINER. FITTING: SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, WALL RACK, 3/4" HOSE THREAD ON SPH. HOSE AND HOSE BRACKET (MODEL #B32-MA)	1/4"	1/4"	3"	1 1/2"	+44" A.F.F. TO FAUCET	
IT-1	OWNER FURNISH CONTRACTOR INSTALLED - TREATMENT TABLE	CONTRACTOR TO PROVIDE ATMOSPHERIC VAPOR BREAKER ON DOMESTIC WATER SUPPLY PIPING.	1/2"	1/2"	2"	1 1/2"		PROVIDE IT-1
SS-1	SURGICAL SCRUB SINK - ELKAY, MODEL #FST3028RW 18 GAUGE S/S	#18 AND #18 TYPE 304 (18) STAINLESS STEEL SWALE STATION SCRUB SINK WITH KNEE MOUNTED WATER WALL ADAPTER. WATER TEMPERATURE VALVE, SPOUT, CO. CORNERS, LATCH FRONT PANEL, WALL HANGER, FULL LENGTH BACKSPLASH, FULL PRESSURE, WITHOUT NET OPERATED SOAP DISPENSER, EXPOSED SURFACES ARE POLISHED TO A SATIN FINISH. UNDERSIDE IS SOUND DAMPING.	1/2"	1/2"	2"	1 1/2"		PROVIDE WALL BACKING IF REQUIRED
EEW-1	EMERGENCY EYE WASH STATION - WALL MOUNTED WITH MIXING VALVE. STAINLESS SYSTEMS MODEL #2250	EMERGENCY EYE WASH STATION WITH DUAL SPRAY HEADS, VALVE, MOUNTING BRACKET WALL SIGN, PULL HANDLE. AUTOMATIC. STAY OPEN CHROME PLATED BRASSBALL MIXING VALVE, BLEND WATER TO 85°. HIGH TEMP LIMIT STOP IS 90°. DIAL THREE WATER OVERHEAT.	1/2"	1/2"	-	-		MOUNT MIXING VALVE UNDER COUNTER
TP-1	TRAP PRIMER	ALL BRASS TRAP VALVE WITH 1/2" NPT INLET, INTERNAL BACKFLOW PREVENTER, VACUUM BREAKER PORTS AND 1/2" NPT OUTLET. WATER FLOWS WHEN A 5-10 PSI DIFFERENCE IS DETECTED.	-	-	-	-		

PLUMBING FIXTURE SCHEDULE NOTES:
1. ALL DIMENSIONS ARE FOR ADULTS, UNLESS NOTED OTHERWISE.
2. ALL STOPS SHALL BE 1/2" LONG CHROME PLATED WITH CLEANOUT AND WITH DEEP FLANGE, CHROME PLATED ESCUTCHEON.
3. SINK AND WATERY SUPPLIES SHALL BE 1/2" IPS X 1/2" O.D. (LAW) LOOSE KEY ANGLE STOPS WITH FLEXIBLE RISERS AND 1/2" IPS CHROME PLATED NIPPLES AND ESCUTCHEONS.
4. ALL VITREOUS CHINA FIXTURES SHALL BE WHITE.
5. SINK AND WATERY FAUCETS TO HAVE HOT & COLD WATER INDEX AND HAVE VANDAL RESISTANT FEATURE.

PLUMBING EQUIPMENT SCHEDULE

MARK	DESCRIPTION	LOCATION	MANUFACTURER/MODEL #	CAPACITY	MECHANICAL REMARKS	ELECTRICAL DATA				ELECTRICAL REMARKS	
						HP	KW	VOLTS	AMPS		
MX-1	THERMOSTATIC MIXING VALVE 1/2" L/D	ATIC	WATTS MODEL #LF1170	-	-	-	-	-	-	-	
RCP-1	DOMESTIC HOT WATER RETURN PUMP 120" T	ATIC	GRUNDFOSS MODEL #UPS 28-99 B/C	2 GPM @ 24' T.D.H.	-	1/6	-	115	-	1	3 SPEED PUMP REQUIRED

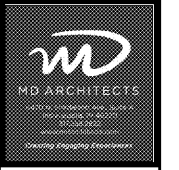
PLUMBING SYMBOL SCHEDULE

BALL VALVE	FCO-	FLOOR CLEANOUT
GAS COOK	WCO-	WALL CLEANOUT
PIPE DROP	EW-	ELECTRIC WATER COOLER
PIPE DROP	FW-	FLOOR DRAIN
PIPE DROP	FD-	FLOOR DRAIN
PIPE DROP	L-	LAVATORY
PIPE DROP	MSB-	MOP SINK BASIN
PIPE DROP	SA	SHOCK ABSORBER
WALL CLEANOUT/END FERRULE CLEANOUT	IMV-	THERMOSTATIC MIXING VALVE
GATE VALVE	U-	URINAL
SHOCK ABSORBER (SA)	VIR-	VENT THROUGH ROOF
CLEANOUT	WB-	WASHER BOX
FLOOR DRAIN	WC-	WATER CLOSET
WALL HYDRANT/HOSE BIBB	WH-	WALL HYDRANT
EXISTING SANITARY DRAIN BELOW FLOOR	7"*	SUFFIX INDICATES HANDICAP ACCESSIBLE
SANITARY DRAIN BELOW FLOOR	A.F.F.	ABOVE FINISHED FLOOR
GREASE WASTE	A.F.G.	ABOVE FINISHED GRADE
NATURAL GAS	SCW	SOFT COLD WATER
VENT	CW	COLD WATER
COLD WATER	WAG	RAW (NON SANITARY) COLD WATER
HOT WATER	O2	OXYGEN
HOT WATER RETURN	MY	MEDICAL VACUUM
	NT	NITROGEN
	NO	NITROUS OXIDE
	CA	COMPRESSED AIR
	VTR	VENT THROUGH ROOF
	PRE-	PREHEATER
	RB-	REGENERATOR WATER SUPPLY
	S-	SINK
		WATER CLOSET

WATER HAMMER ARRESTOR SCHEDULE

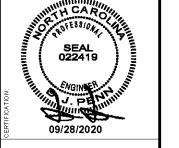
MARK	FIXTURE UNIT RATING	IPS	TO SIGHT NO.	WASTE MODEL NO.	ZURN MODEL NO.	NOTES
WHA-A	114-111	3/4"	5	100	-	
WHA-B	113-32	1"	5010	10	200	
WHA-C	33-60	1"	5020	20	300	
WHA-D	61-113	1"	5030	30	400	
WHA-E	114-154	1"	5040	75	500	
WHA-F	155-330	1"	5050	100	600	

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PLUMBING SCHEDULES



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P6.0