



prime consultant: ARCHITECTURE 49



GENERAL NOTES:

- CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- COORDINATE ALL MECHANICAL WORK INCLUDING REMOVAL OF EXISTING MECHANICAL EQUIPMENT ON SITE WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
- INFORMATION PERTAINING TO EXISTING MECHANICAL EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON AS-BUILT INFORMATION PROVIDED BY THE OWNER. THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS, EQUIPMENT AND SERVICES MAY NOT BE IN THE EXACT LOCATION SHOWN. CONFIRM ALL EXISTING CONDITIONS IN FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF ARCHITECTURAL WORK.
- WHERE MECHANICAL SERVICES (PIPING, DUCT, ELECTRICAL AND CONTROLS) ARE CALLED UP TO BE REMOVED COMPLETE, ALL REDUNDANT SERVICES TO BE CAPPED CONCEALED IN CEILING, WALLS OR BELOW FLOOR. CAP REDUNDANT SERVICES BACK WITHIN 150mm OF PIPE MAIN, DUCT MAIN, JUNCTION BOX, PANEL, ETC.
- TEST ADJUST AND BALANCE ALL AIR SYSTEMS TO VALUES SHOWN ON DRAWINGS AND AS DETAILED IN ACCORDANCE WITH THE CONTROL SEQUENCE. INCLUDE ALL MODES OF OPERATION IN THE TAB. COORDINATE THE SAME WITH THE TAB CONTRACTOR. TAB CONTRACTOR SHALL BE NEBB CERTIFIED.
- ALL DEMOLITION TO BE CARRIED OUT IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107.
- MECHANICAL COMMISSIONING TO BE COMPLETED IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107. MECHANICAL CONTRACTOR IS RESPONSIBLE TO COORDINATOR COMMISSIONING SCHEDULE WITH COMMISSIONING AGENT.

PLUMBING SCHEDULE						
TAG	DESCRIPTION	C.W.	H.W.	SAN	VENT	REMARKS
WC-1	VITREOUS CHINA WATER CLOSET, BARRIER FREE, WALL MOUNTED WATER CLOSET, 4.8 LPF, CHROME TRIM, HARDWIRED FLUSH VALVE	25	-	75	38	BARRIER FREE 4.8 LPF, CARRY CARRIER, OPEN FRONT ELONGATED SEAT, MOUNTED SO THAT SEAT HEIGHT IS 430 MM ABOVE FLOOR LEVEL. COMPLETE WITH VACUUM BREAKER
LAV-1	VITREOUS CHINA WATER CLOSET, BARRIER FREE, SEMI-COUNTERTOP SINK, 4.5 LPM, CHROME TRIM, HARDWIRED ELECTRONIC FAUCET, BELOW DECK MIXING VALVE	13	13	32	25	BARRIER FREE, CENTRE FAUCET HOLE, C/W BRAIDED HW AND CW SUPPLY LINES, 32 MM CHROME PTRAP, (TRAP AND HW LINE TO BE INSULATED), MOUNTING KIT, VACUUM BREAKER, CHROME PLATED GRID STRAINER
LAV-2	VITREOUS CHINA, WALL MOUNTED LAV, CONCEALED ARM WALL CARRIER, 4.5 LPM, CHROME TRIM, HARDWIRED ELECTRONIC FAUCET, BELOW DECK MIXING VALVE					C/W 100 MM CENTERS, GRID STRAINER WITH OFFSET, BARRIER FREE INSULATED P-TRAP AND SUPPLIES, WALL HANGER WITH CONCEALED ARM CARRIER SYSTEM, MOUNTED AT BARRIER FREE HEIGHT, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHT
UR-1	VITREOUS CHINA, LOW FLOW URINAL 0.5 LPF, CHROME TRIM, HARDWIRED AUTOMATED FLUSH VALVE	19	-	50	32	0.5 LPF, HARDWARE CONVERTER, 19 MM BACK SPUD, HEIGHT OF LOWER RIM TO BE MOUNTED AT 610 MM, C/W VACUUM BREAKER
UR-2	VITREOUS CHINA, LOW FLOW URINAL 0.5 LPF, CHROME TRIM, HARDWIRED AUTOMATED FLUSH VALVE	19	-	50	32	BARRIER FREE, 0.5 LPF, HARDWARE CONVERTER, 19 MM BACK SPUD, HEIGHT OF LOWER RIM TO BE MOUNTED AT 430 MM MAXIMUM, C/W VACUUM BREAKER
MS-1	600x600mm MOLDED HIGH DENSITY COMPOSITE MOP BASIN, WITH SERVICE FAUCET.	19	19	75	38	C/W PAIL HOOK, VACUUM BREAKER, 64mm COLOR CODED HANDLES, HOSE AND HOSE BRACKET, STAINLESS STEEL DRAIN WITH DOME STRAINER, VINYL BUMPER GUARD
S-1	SINGLE BOWL, STAINLESS STEEL SINK, C/W CHROME SINGLE LEVER KITCHEN FAUCET WITH SWING SPOUT	12	12	50	32	SINGLE BOWL STAINLESS STEEL, C/W 3 HOLE SUPPLY, 200mm CENTRE, RECESSED SELF DRAINING DECK, DRAIN PLUG, ADA COMPLIANT FAUCET, GRIN STRAINER
S-2	SINGLE BOWL, STAINLESS STEEL SINK, C/W CHROME SINGLE LEVER KITCHEN FAUCET WITH SWING SPOUT	12	12	50	32	DOUBLE BOWL STAINLESS STEEL, C/W 4 HOLE SUPPLY, 200mm CENTRE, RECESSED SELF DRAINING DECK, DRAIN PLUGS, ADA COMPLIANT FAUCET WITH SPRAY ATTACHMENT, GRID STRAINER
FD-1		-	-	100	32	DURA-COATED CAST IRON BODY, WITH BOTTOM OUTLET, TRAP PRIMER CONNECTION, VANDAL PROOF SECURE TOP, SEDIMENT BUCKET
FD-2		-	-	75	25	DURA-COATED CAST IRON BODY, WITH BOTTOM OUTLET, MEDIUM DUTY ADJUSTABLE STRAINER, TRAP PRIMER CONNECTION, VANDAL PROOF SECURE TOP, SEDIMENT BUCKET
FD-3		-	-	75	25	DURA-COATED CAST IRON BODY, WITH BOTTOM OUTLET, LIGHT DUTY ADJUSTABLE STRAINER, TRAP PRIMER CONNECTION, VANDAL PROOF SECURE TOP, SEDIMENT BUCKET
HD-1		-	-	75	25	DURA-COATED CAST IRON BODY, WITH BOTTOM OUTLET, 100 MM DIAMETER FUNNEL, TRAP PRIMER CONNECTION
TD-1				100	38	150 MM WIDE PRE SLOPED MODULAR TRENCH DRAIN, ACID RESISTANT POWDER EPOXY COATING, CLASS E DUCTILE IRON GRATE AND LOCKDOWN HARDWARE, 100 MM BOTTOM OUTLET, BOTTOM DOME STRAINER
INT-1		-	-	100	50	SINGLE BASIN OIL INTERCEPTOR, 915 MM DEEP, WITH 78 MM INVERT (CONTRACTOR TO CONFIRM INVERT DEPTH BEFORE ORDERING UNIT), 590 L CAPACITY C/W TRAP SEAL PRIMER, HEAVY DUTY DIAMOND PLATE COVER WITH LOCKDOWN HARDWARE
EW-1	WALL MOUNTED COMBINATION EYE/FACE WASH, STAINLESS STEEL BOWL, INVERTED DIRECTIONAL LAMINAR FLOW.	12	12	50	32	WALL MOUNTED EYE WASH C/W EMERGENCY TEMPERING VALVE WITH TEMPERATURE GAUGE.

NOTES:

WATER FOUNTAIN SCHEDULE							
TAG	FLOW RATE (LPM)	VOLTAGE (V/PH/Hz)	FLA (A)	SAN	DCW	VENT	REMARKS
WF-1	2.71x1.22x0.61	115/1/60	4	38	10	32	BI LEVEL REFRIGERATED WATER COOLER WITH BOTTLE FILLING STATION, MECHANICALLY ACTIVATED PUSHBAR OPERATION, R134A REFRIGERANT, STAINLESS STEEL BASIN, WITH INTEGRAL DRAIN.

HOT WATER TANK SCHEDULE					
TAG	CAPACITY (L)	VOLTAGE (V/PH/Hz)	ELEMENT (KW)	RECOVERY (LPH)	REMARKS
HWT-1	454	575/3/60	30 (6x5KW)	470@56°C	C/W PRESSURE AND TEMPERATURE RELIEF VALVE PIPED TO NEARBY HUB DRAIN, TEMPERATURE SET TO 60C. PROVIDE THERMOSTATIC MIXING VALVE TO SUPPLY HOT WATER AT 49C.

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