PLUMBING FIXTURE CONNECTION SCHEDULE

SYMBOL	FIXTURE	WASTE (INCH)	VENT (INCH)	HW (INCH)	CW (INCH)	POWER	REMARKS, BASIS OF DESIGN
P-1	WATER CLOSET	4	2	–	1	–	WALL MOUNTED, TOP SPUD, ELONGATED BOWL, MANUAL FLUSH VALVE.
P-1H	WATER CLOSET	4	2	–	1	–	WALL MOUNTED, TOP SPUD, ELONGATED BOWL, MANUAL FLUSH VALVE, ADA COMPLIANT.
P-2	URINAL	2	1-1/2	–	3/4	–	WALL MOUNTED, MANUAL FLUSH VALVE.
P-3H	LAVATORY	1-1/2	1-1/2	1/2	1/2	–	COUNTER MOUNTED, BATTERY POWERED, SENSOR OPERATED FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE, ADA COMPLIANT.
P-4H	SINK	1-1/2	1-1/2	1/2	1/2	–	DROP-IN, STAINLESS STEEL, SINGLE BOWL, MANUAL FAUCET WITH PULL-OUT, SWING SPOUT. PROVIDE ADDITIONAL SINK PUNCH FOR DISHWASHER AIR GAP.
P-5	MOP SINK	3	2	1/2	1/2	–	FLOOR MOUNTED, 24"X24", WALL-MOUNTED SERVICE FAUCET WITH VACUUM BREAKER.
P-6H	WATER CLOSET	4	2	–	1/2	–	FLOOR MOUNTED, FLOOR OUTLET, TANK TYPE, ELONGATED BOWL, ADA COMPLIANT.
DF-1H	DRINKING FOUNTAIN	1-1/2	1-1/2	–	1/2	–	WALL MOUNTED, NON-REFRIGERATED, SINGLE STATION, ADA MOUNTING HEIGHT.
FD-1	FLOOR DRAIN	2	1-1/2	–	–	–	CAST IRON BODY WITH ADJUSTABLE NICKEL BRONZE STRAINER.

MISCELLANEOUS EQUIPMENT SCHEDULE

SYMBOL	LOCATION	MOTOR (KW,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
WH-1	JANITOR ROOM CLOSET	4.5,240,1	500	EXISTING ELECTRIC WATER HEATER, 60 GALLON FIRST HOUR RATING, 21 GALLON PER HOUR RECOVERY AT 90 DEG F RISE, 50 GALLON CAPACITY. INFORMATION PROVIDED FOR REFERENCE ONLY; NO WORK DONE ON WATER HEATER.

TERMINAL HEATING UNIT SCHEDULE

SYMBOL	LOCATION	OUTPUT (KW)	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
EWH-1	NORTH VESTIBULE	4.0	11.1,208,3	22	RECESSED WALL MOUNTED ELECTRIC HEATER. QMARK CWH34083F
EWH-2	SOUTH VESTIBULE	4.0	11.1,208,3	22	RECESSED WALL MOUNTED ELECTRIC HEATER. QMARK CWH34083F

LOUVER/HOOD SCHEDULE

SYMBOL	UNIT AND USAGE	SCFM	SIZE	MIN FREE AREA (SF)	MAX FREE AREA VEL (FPM)	MAX APD (IN WC)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
LV-1	MAU-1 RELIEF	1,400	36X36	4.8	300	0.02	36	LOUVER: 6" THICK EXTRUDED ALUMINUM, 37.5 DEGREE DRAINABLE BLADES WITH BIRD SCREEN, AMCA RATED FOR WATER AND AIR. RUSKIN ELF6375DX.
LV-2	MAU-1 INTAKE	1,400	36X36	4.8	300	0.02	36	LOUVER: SIMILAR TO LV-1. RUSKIN ELF6375DX.

ROOF TOP AND MAKE-UP AIR UNIT SCHEDULE

SYMBOL	SERVES	SCFM	MIN O/A (SCFM)	EXT SP (IN WC)	FAN RPM	MOTOR (HP,V,PH)	GAS HEAT (MBH IN / MBH OUT)	COOLING CAP (TOTAL MBH / SENSIBLE MBH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
RTU-1	NORTH AREA	1,700	300	0.70	1,020	–,208,3	125 / 99			EXISTING 5-TON ROOF-TOP UNIT. MANUFACTURER: YORK.
RTU-2	NORTH AREA	1,900	350	0.70	1,060	–,208,3	125 / 99			EXISTING 5-TON ROOF-TOP UNIT. MANUFACTURER: YORK.
RTU-3	GATHERING	2,090	440			–,208,3	125 / 99			EXISTING 5-TON ROOF-TOP UNIT. MANUFACTURER: YORK.
RTU-4	GATHERING	2,070	440			–,208,3	125 / 99			EXISTING 5-TON ROOF-TOP UNIT. MANUFACTURER: YORK.
RTU-5	GATHERING	2,000	420			–,208,3	125 / 99			EXISTING 5-TON ROOF-TOP UNIT. MANUFACTURER: YORK.
MAU-1	GATHERING	1,400	1,400	0.5 1.63 TSP	1,684	1,208,1	151.2 / 139.1	–	390	INDOOR MAKE-UP AIR UNIT: BASE FRAME, MOTORIZED INLET DAMPER, V-BANK FILTER (MERV 8) SECTION, HORIZONTAL FAN DISCHARGE, DISCHARGE TEMP WITH OVERRIDE BURNER CONTROL, ADJUSTABLE V-BELT DRIVE BLOWER, HIGH AMBIENT CUTOFF, DISCHARGE TEMP LOW LIMIT, UV FLAME SUPERVISION, SINGLE POINT POWER CONNECTION. MANUFACTURER: GREENHECK DG-P115-H05.

AIR INLET/OUTLET SCHEDULE

SYMBOL	SCFM RANGE	MAX NC	MAX APD (IN WC)	ACTIVE FACE SIZE (INCH)	DUCT SIZE (INCH)	BASIS OF DESIGN	REMARKS
SA	80	22	0.01	24X24	6 DIA	TITUS MCD-AA	CEILING DIFFUSER: ALUMINUM, 24X24 MODULE, ADJUSTABLE CORE PATTERN, ROUND NECK, LAY-IN CEILING BORDER.
SB	200	19	0.02	24X24	8 DIA	TITUS MCD-AA	CEILING DIFFUSER: SIMILAR TO SA.
SC	300	18	0.04	24X24	10 DIA	TITUS MCD-AA	CEILING DIFFUSER: SIMILAR TO SA.
SD	400	19	0.02	24X24	12 DIA	TITUS MCD-AA	CEILING DIFFUSER: SIMILAR TO SA.
SE	800	13	0.05	18X18	18X18	TITUS 300RL	WALL SUPPLY GRILLE: STEEL, DOUBLE DEFLECTION, 3/4" BLADE SPACING, SURFACE MOUNT BORDER. PROVIDE OPPOSED BLADE DAMPER WHERE INDICATED ON PLANS.
SF	350	16	0.08	18 DIA	10 DIA	TITUS TMR-AA	ROUND DIFFUSER: ALUMINUM, MOUNTED DIRECTLY TO DUCTWORK, ADJUSTABLE INNER CONES.
EA	75	–	0.03	6X6	6X6	TITUS 50F	EXHAUST GRILLE: ALUMINUM, 1/2" X 1/2" X 1/2" EGGCRATE GRID, SURFACE MOUNT BORDER.
RA	500	–	0.02	22X10	22X10	TITUS 50F	RETURN GRILLE: ALUMINUM, 1/2" X 1/2" X 1/2" EGGCRATE GRID, LAY-IN CEILING BORDER.
RB	800	–	0.04	18X18	18X18	TITUS 350RL	WALL RETURN GRILLE: STEEL, 35 DEGREE DEFLECTION, 3/4" BLADE SPACING, SURFACE MOUNT BORDER.
RC	1,400	–	0.03	36X18	36X18	TITUS 350RL	WALL RETURN GRILLE: SIMILAR TO RB.
RD	1,650	–	0.04	24X24	24X24	TITUS 350RL	WALL RETURN GRILLE: SIMILAR TO RB.
RE	500	–	0.04	22X10	22X10	TITUS 350RL	WALL RETURN GRILLE: SIMILAR TO RB.

FAN SCHEDULE

SYMBOL	LOCATION	USE	SCFM	SP (IN WC)	FAN RPM	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS BASIS OF DESIGN
EF-1	JANITOR	GENERAL EXHAUST	150	0.4	1,350	1/12,115,1	44	INLINE EXHAUST FAN: SOLID STATE SPEED CONTROLLER. GREENHECK SQ-80-D
EF-2	WOMEN'S RESTROOM	GENERAL EXHAUST	250	0.5	1,150	135W,115,1	25	CEILING EXHAUST FAN: INTEGRAL EXHAUST GRILLE, BACKDRAFT DAMPER, SOLID STATE SPEED CONTROLLER. GREENHECK SP-A390
EF-3	MEN'S RESTROOM	GENERAL EXHAUST	250	0.5	1,150	135W,115,1	25	CEILING EXHAUST FAN: SIMILAR TO EF-2. GREENHECK SP-A390
EF-4	COMM	COOLING TRANSFER	500	0.3	850	350W,115,1	35	CEILING EXHAUST FAN: SIMILAR TO EF-2 EXCEPT SIZE. GREENHECK SP-A700

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ALASKA | HAWAII GUAM CALIFORNIA
645 'G' STREET, SUITE 400
ANCHORAGE, ALASKA 99501
Phone: 907.258.7777
Fax: 907.279.8195
www.rimarchitects.com

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