

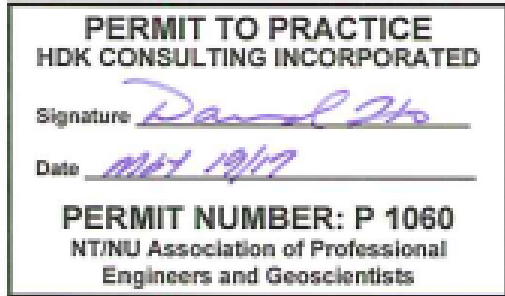
PLUMBING FIXTURE SCHEDULE						
FIXTURES	SPECIFICATION	WASTE	CW	HW	VENT	ALTERNATE MANUFACTURERS
		IN(mm)	IN (mm)	IN (mm)	IN (mm)	
SK-1	FRANKE MMERICAL #56810-1P SINGLE BOWL COUNTERTOP MOUNT SINK, 460mm (18-1/8") x 511mm (20-1/8") x 254mm (10") DEEP, COUNTER MOUNTED, NO LEDGE, MOUNTING KIT PROVIDED, FULLY UNDERCOATED TO REDUCE CONDENSATION AND RESONANCE, FACTORY APPLIED RIM SEAL. AMERICAN STANDARD #4101.100 ARCH SINGLE CONTROL KITCHEN FAUCET WITH SWIVEL PULL-OUT SPRAY, TOGGLE BUTTON ACTIVATION DECK MOUNTED, CHROME PLATED SOLID CAST BRASS LEAD-FREE BODY, SINGLE LEVER, 1/4 TURN CERAMIC DISC VALVE CARTRIDGES, WITH PRESSURE COMPENSATING 5.7 LPM (1.5GPM) AERATOR OUTLET. ZURN THERMOSTATIC MIXING VALVE MODEL 1070, BRONZE ASTM B 584 W/NICKEL PLATING, INTERNAL BRASS, 1/2" OUTLET CONNECTION, OUTLET TEMPERATURE RANGE OF 95°F-115°F. OPEN GRID DRAIN, CHROME PLATED CAST BRASS ONE PICE TOP, 17 GA. (1.5mm) TUBULAR 32mm (1-1/4") TAILPIECE, FAUCET SUPPLIES, CHROME PLATED POLISHED BRASS, HEAVY DUTY ANGLE STOPS, 10mm (3/8") I.P.S. INLET x 76mm (3") LONG RIGID HORIZONTAL NIPPLES, V.P. LOOSE KEYS, ESCUTCHEONS AND FLEXIBLE COPPER RISER, P-TRAP, HEAVY CAST BRASS ADJUSTABLE BODY, WITH SLIP NUT, 32mm (1-1/4") SIZE, SHALLOW WALL FLANGE AND SEAMLESS TUBULAR WALL BEND.	1-1/2" (38)	1/2" (13)	1/2" (13)	1-1/2" (38)	SINK: KOHLER, ELKAY FAUCET: SLOAN, CHICAGO FAUCETS, KOHLER, DELTA
SP-1	SANIFLO SANIVITE DRAIN WATER PUMP, PRE-ASSEMBLE SYSTEM WITH LOW INLETS AND BUILT-IN CHECK VALVES,, HANDLE HOT WATER AND GREASE BUILD-UP. DISCHARGE FLOW RATE OF 18GPM (68LPM) AT 16' (48 kPa). MAXIMUM TEMPERATURE OF 140°F (60°C).	1-1/2" (38)	N/A	N/A	1-1/2" (38)	GRUNDFOS, LITTLE GIANT
HWT-1	DOMESTIC WATER HEATER - WATER HEATER HAVING ELECTRICAL INPUT OF 3kW, 12 GPH RECOVERY RATE AT 100°F TEMPERATUR RISE, STORAGE CAPACITY OF 6 GALLONS. WATER HEATER SHALL HAVE THE CSA SEAL OF CERTIFICATION AND BE FACTORY EQUIPPED WITH A CSA/ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE.	N/A	3/4" (19)	1/2" (13)	N/A	RHEEM RUUD, A.O. SMITH, BRADFORD WHITE

DIFFUSER AND GRILLE SCHEDULE (Based on E. H. PRICE)			
TAG	MODEL	ACCESSORIES	REMARKS
S-1	DFLG FLOOR SUPPLY GRILLE	OBD, DB	REFER TO DRAWING FOR FACE SIZE, 16 DEGREE DEFLECTION TOWARD EXTERIOR WALL AND 6 MM SPACING
R-1	DFLG FLOOR RETURN GRILLE	DB	REFER TO DRAWING FOR FACE SIZE, 0 DEGREE DEFLECTION AND 6 MM SPACING
R-2	510 LOURVRED return TRILL	-	REFER TO DRAWING FOR FACE SIZE
E-1	EGG CRATE RETURN GRILLE	-	REFER TO DRAWING FOR FACE SIZE
T-1	510 LOURVRED TRANSFER TRILL	-	REFER TO DRAWING FOR FACE SIZE
ACCESSORIES: OBD - OPPOSED BLADE BALANCING DAMPER DB - DIRT BUCKET			
NOTES: 1. PROVIDE BORDER AND FRAME STYLE TO SUIT SURFACE BEING INSTALLED ON.			
APPROVED MANUFACTURERS: EH PRICE, TITUS, NAILOR			

FAN SCHEDULE												
TAG	MANUFACTURER	TYPE	MODEL	RPM	AIR FLOW RATE		E.S.P.		MOTOR		SONES	ACCESSORIES
					(L/s)	(CFM)	(Pa)	(in.WC)	(W)	(HP)		
TF-1	GREENHECK	I	CSP-A410	1,000	113	240	62	0.25	116	FRAC	2.0	SC, SH
FAN TYPES:												
		C	CENTRIFUGAL	R	ROOF	I	IN-LINE	CE	CEILING EXHAUST	CU	CENTRIFUGAL UP BLAST	
		TA	TUBE AXIAL	W	WALL	MF	MIXED FLOW	P	PROPELLER	CF	CEILING FAN	
ABBREVIATIONS:												
	BG		BELT GUARD		MT		MANUAL RESET TIMER		SD		SCROLL DRAIN	
	AS		ADJUSTABLE SHEAVES		NSW		NON-SPARKING WHEEL		FC		FACTORY CURB	
	SC		SOLID STATE SPEED CONTROL		SH		SPRING HANGERS		BS		BIRDSCREEN	
	IG		INLET GRILLE		VP		VIBRATION PADS		MC		MOUNTING COLLAR	
	BD		BACKDRAFT DAMPER		SM		SPRING MOUNT		WH		WEATHERPROOF HOUSING	
	F		FILTER		WC		WALL CAP		RC		ROOF CAP	
	E		EPOXY COATING		DS		DISCONNECT SWITCH		AD		ACCESS DOOR	
	IH		INLET HOOD		MDW		MOTION DETECTOR, WALL MTD.		GN		GOOSENECK	
	TS		THERMOSTAT									
NOTES:												
												1. INSTALL ALL UNITS ON VIBRATION ISOLATORS
												APPROVED MANUFACTURERS: GREENHECK, LOREN COOK, TWIN CITIES

FAN COIL AND VAV FLOWS (Existing Equipment)				
TAG	Airflow		TAG	Airflow
		L/S		
FC-1.4	427		VAV-1.4	44
FC-2.4	251		VAV-2.4	33
FC-3.4	320		VAV-3.4	70
FC-4.4	328		VAV-4.4	83
FC-5.4	427		VAV-5.4	69
FC-6.4	365		VAV-6.4	81
FC-7.4	404		VAV-7.4	83
FC-8.4	538		VAV-8.4	72
FC-9.4	438		VAV-9.4	277
FC-10.4	438		VAV-10.4	267
FC-11.4	550		VAV-11.4	75
FC-12.4	438		VAV-12.4	70
FC-13.4	342		VAV-13.4	71
FC-14.4	430		VAV-14.4	83
FC-15.4	571		VAV-15.4	71
FC-16.4	509		VAV-16.4	56

FAN POWERED TERMINAL UNIT SCHEDULE (Based on EH PRICE)					
TAG	AREA SERVED		UNIT SIZE	AIRFLOW RATE	
				MAXIMUM	
				(L/s)	(CFM)
FTU-01	ROOM 432	FDBU SERIES	10	108	229
FTU-02	ROOM 431	FDBU SERIES	10	108	229
FTU-03	ROOM 430	FDBU SERIES	10	108	229
FTU-04	ROOM 429	FDBU SERIES	10	108	229
FTU-05	ROOM 428	FDBU SERIES	10	108	229
FTU-06	ROOM 427	FDBU SERIES	10	107	227
FTU-07	ROOM 426	FDBU SERIES	10	107	227
FTU-08	ROOM 425	FDBU SERIES	10	107	227
FTU-09	ROOM 424	FDBU SERIES	10	107	227
FTU-10	ROOM 422	FDBU SERIES	10	80	170
FTU-11	ROOM 421	FDBU SERIES	10	80	170
FTU-12	ROOM 420	FDBU SERIES	10	80	170
FTU-13	ROOM 419	FDBU SERIES	10	80	170
FTU-14	ROOM 417	FDBU SERIES	10	75	159
FTU-15	ROOM 416	FDBU SERIES	10	100	212
FTU-16	ROOM 415	FDBU SERIES	10	75	159
FTU-17	ROOM 414	FDBU SERIES	10	100	212
FTU-18	ROOM 406	FDBU SERIES	10	64	136
FTU-19	ROOM 408	FDBU SERIES	10	100	212
FTU-20	ROOM 409	FDBU SERIES	10	64	136
FTU-21	ROOM 413	FDBU SERIES	10	100	212
FTU-22	ROOM 412	FDBU SERIES	10	150	318
FTU-23	ROOM 401, ROOM 402	FDBU SERIES	10	80	170
FTU-24	OPEN WORKSTATION (SOUTH)	FDBU SERIES	10	130	276
FTU-25	ROOM 459	FDBU SERIES	10	130	276
FTU-26	ROOM 458	FDBU SERIES	10	130	276
FTU-27	ROOM 457	FDBU SERIES	10	130	276
FTU-28	ROOM 456	FDBU SERIES	10	140	297
FTU-29	ROOM 455	FDBU SERIES	10	140	297
FTU-30	ROOM 454	FDBU SERIES	10	140	297
FTU-31	OPEN WORKSTATION - 448d	FDBU SERIES	10	140	297
FTU-32	ROOM 450	FDBU SERIES	10	80	170
FTU-33	OPEN WORKSTATION - 448d	FDBU SERIES	10	120	254
FTU-34	ROOM 447	FDBU SERIES	10	300	636
FTU-35	ROOM 446	FDBU SERIES	10	120	254
FTU-36	ROOM 468	FDBU SERIES	10	90	191
FTU-37	ROOM 445	FDBU SERIES	10	120	254
FTU-38	ROOM 467	FDBU SERIES	10	90	191
FTU-39	ROOM 444	FDBU SERIES	10	90	191
FTU-40	ROOM 466	FDBU SERIES	10	90	191
FTU-41	ROOM 443	FDBU SERIES	10	90	191
FTU-42	ROOM 465	FDBU SERIES	10	90	191
FTU-43	ROOM 442	FDBU SERIES	10	90	191
FTU-44	ROOM 464	FDBU SERIES	10	90	191
FTU-45	ROOM 441	FDBU SERIES	10	90	191
FTU-46	ROOM 463	FDBU SERIES	10	90	191
FTU-47	ROOM 440	FDBU SERIES	10	90	191
FTU-48	ROOM 438	FDBU SERIES	10	90	191
FTU-49	ROOM 462	FDBU SERIES	10	90	191
NOTES:					
1. COMPLETE WITH ECM FOR VARIABLE AIR FLOW.					
2. COORDINATE CONTROLS WITH CONTROLS CONTRACTOR. INTEGRATE WITH EXISTING BMS. BMS SYSTEM TO POLE ALL FTU THERMOSTATS SERVED BY A SINGLE FAN COIL TO DETERMINE IF FANCOIL SHOULD BE IN HEATING OR COOLING.					
BMS SYSTEM TO POLE ALL FTU CO2 SEBSORS SERVED BY A SINGLE VENTILATON VAV BOX TO CONTROL VENTILATION AIR.					
3. THERMOSTATS TO HAVE INTERGRAL CO2 SENSOR FOR CONTROL OF VENTILATION IR VAV BOXES. MOUNT ALL THERMSTATS AT ACCESSIBLE HEIGHTS.					
ACCEPTABLE MANUFACTURERS: EH PRICE, TITUS, NAILOR.					



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3	ISSUED FOR CONSTRUCTION	May 19, 2017
2	ISSUED FOR REVIEW 99% CONSTRUCTION DOCUMENTS	Apr. 25, 2017
1	66% CD SUBMISSION	Feb. 24, 2017
0	DESIGN DEVELOPMENT SUBMISSION	Jan. 20, 2017
Revision	Description	Date
Client		client
PSPC/SPAC		
5th Floor, 10025 Jasper Street Edmonton. AB		
Project title		Projet
5101 50th Avenue Yellowknife, NWT		
4th Floor Tenant Fit-Up Greenstone Building		
Designed by PA	Conçu par	
Drawn by FD	Dessiné par	
Approved by DH	Approuvé par	
PWGSC Project Manager Brenda Embury	Administrateur de Projets TPSGC	
Drawing title	Titre du dessin	
MECHANICAL SCHEDULES		
Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.060383	M6.1 OF 12	3