

SPECIFICATIONS (CONT)

6.0 APPROVED EQUALS

ROOF TOP AIR HANDLING UNITS	CARRIER, LENNOX, TRANE
DIRECT FIRED MAKE UP AIR UNIT	ENGINEERED AIR
SUPPLY AIR GRILLES & DIFFUSERS	PRICE, TITUS, NAILOR INDUSTRIES
EXHAUST FANS	PENN, COOK, ACME
PLUMBING FIXTURES & TRIMS	CRANE, DELTA, KOHLER
HOT WATER HEATER	AO SMITH, BRADFORD WHITE, JOHNWOOD, JETGLASS
GREASE INTERCEPTOR, DRAINS, BACKFLOW PREVENTER	ANCON, WATTS

DIFFUSERS AND GRILLES

CD1	KRUEGER 56600 4-WAY 400x400 NECK 600x600 LAY-IN PANEL WHITE FINISH 300 LPS MAX AIR FLOW
CD2	KRUEGER 56600 4-WAY 300x300 NECK 300x300 LAY-IN PANEL WHITE FINISH 130 LPS MAX AIR FLOW
CD3	KRUEGER 56600 1-WAY 230x230 NECK 600x600 LAY-IN PANEL WHITE FINISH 70 LPS MAX AIR FLOW
CD4	KRUEGER 56600 1-WAY 150x150 NECK 600x300 LAY-IN PANEL WHITE FINISH 70 LPS MAX AIR FLOW
CD5	KRUEGER 5SH 1-WAY 150x150 NECK 600x300 LAY-IN PANEL WHITE FINISH 50 LPS MAX AIR FLOW
SG1	KRUEGER AF 5880 915x305 NECK WHITE FINISH 400 LPS MAX AIR FLOW
SG2	KRUEGER AF 5880 150x150 NECK WHITE FINISH 50 LPS MAX AIR FLOW

NATURAL GAS LOADS

AIR CONDITIONING UNIT	AC-1	220 MBH
MAKE-UP AIR UNIT	MAU-1	250 MBH
CLAMSHELL GRILLE	K200G	75 MBH
TRIPLE WELL FRYER	K303G	240 MBH

EQUIPMENT SCHEDULES

PLUMBING FIXTURES

P-1 WATER CLOSET

TOTO DRAKE CST 744ERB WHITE VITREOUS CHINA BOWL AND TANK, 4.8 LPF, ¼ TURN STOPS, ESCUTCHEONS AND FLEX CONNECTION, OPEN FRONT TOILET SEAT, LEFT HAND TRIP LEVER IN STAFF, UNIVERSAL AND MALE WASHROOMS, RIGHT HAND TRIP LEVER IN FEMALE WASHROOM

P-2 URINAL

TOTO UT 104EV WHITE VITREOUS CHINA, 1.9 LPF, TOTO ECOPOWER TEU2LN11 FLUSH VALVE

P-3 LAVATORY

TOTO LT307 WHITE VITREOUS CHINA, WALL HUNG, C/W CONCEALED CARRIER, JAY R SMITH 0700, OFFSET OPEN GRID STRAINER AND TRAP, P-TRAP SHROUD, ¼ TURN STOPS, ESCUTCHEONS AND FLEX CONNECTIONS, PROVIDE THERMOSTATIC MIXING VALVE EQUAL TO TOTO TLT10, SET FOR 105°F, FAUCET AMERICAN AMERICAN STANDARD CERAMIX 2000100

P-4 SERVICE SINK

FIAT MSB-2424 C/W MOP HANGERS, HOSE AND HOSE BRACKET, STAINLESS STEEL WALL GUARD, FAUCET MODEL 830AA D-10413 FAUCET

P-5 LAVATORY

TOTO LT185 WHITE VITREOUS CHINA, 18 INCH DIAMETER, FAUCET TOTO TEL125 HELIX M, CONTROLLER AND TLT10 THERMOSTATIC MIXING VALVE SET FOR 105°F, PROVIDE OPEN GRID OFFSET TRAP, ¼ TURN STOPS, ESCUTCHEONS AND FLEX SUPPLIES

PROVIDE COLD WATER, HOT WATER, WASTE WITH TRAP CONNECTIONS TO THE FOLLOWING KITCHEN EQUIPMENT

SK-1 HANDSINK IN SERVERY (404A)

KINDRED ARISTALINE LBS9106-1, 2 HOLE C/W ¼ TURN STOPS, ESCUTCHEONS, AND FLEX SUPPLIES, P-TRAP WITH CLEAN-OUT, TRIM AMERICAN STANDARD MONTERREY GL-7500-1700, 4" CENTERS WITH WRIST BLADE HANDLES, 0.5 GPM FAUCET AERATOR

SK-2 SINK (2) 408

TRIM 408A TOTO GOOSENECK ECOPOWER FAUCET MODEL TEL 155-D1-ET, 0.25 GPM FAUCET AERATOR, TRIM 408B EYEWASH KLEEN MODEL FD 4777 WITH SYMMONS TEMPCONTROL THERMOSTATIC MIXING VALVE MODEL 5-102 SET FOR 35°C, SEE DRAWING SS-1.0

SK-3 3 COMPARTMENT SINK 406

MECHANICAL CONTRACTOR TO INSTALL WALL-MOUNTED PRE-RINSE HOSE AND FAUCET ASSEMBLY SUPPLIED BY A&W, INSTALLED AT THE MIDDLE COMPARTMENT AS WELL AS TWO SOAP DISPENSING ASSEMBLIES ALSO SUPPLIED BY A&W, SEE DRAWING SS-1.0

SK-4 SINK 407

MECHANICAL CONTRACTOR TO INSTALL WALL-MOUNTED PRE-RINSE HOSE AND FAUCET ASSEMBLY SUPPLIED BY A&W, INSTALL TWO SOAP DISPENSING ASSEMBLIES ALSO SUPPLIED BY A&W, SEE DRAWING SS-1.0

DISHWASHER K600UC

PROVIDE 140°F HOT WATER AND DRAIN CONNECTION FOR DISHWASHER, SEE DRAWING A-9.0

POP DISPENSERS S102

PROVIDE FLOOR SINK AT GRIDS 3A AND 4C, FILTER UNIT; PROVIDE FLOOR SINK AT GRIDS 6+2.4M AND A, COLD WATER SUPPLY AND RPBFA, SEE DRAWING A-9.0

COFFEE MACHINES S130 (3 LOCATIONS)

PROVIDE FILTERED WATER AT GRIDS 3A AND 2 AT 4C, SEE DRAWING A-9.0

WATER FILL STATION AT CVAP CABINET, WALL MOUNT

FUTURE HOT CHOCOLATE MACHINE S150

PROVIDE FILTERED WATER SUPPLY WITH SHUT-OFF VALVE, SEE DRAWING A-9.0

FUTURE MILK SHAKE MACHINE S160CT

PROVIDE 15mm FILTERED WATER SUPPLY WITH SHUT-OFF VALVE, SEE DRAWING A-9.0

GREASE INTERCEPTOR

GI-1

ZURN Z-1170-DI, SIZE 800, 50 GPM FLOW RATE, 100 LBS STORAGE, 3" INLET AND OUTLET

NON-FREEZE WALL HYDRANT

WH-1

ZURN Z-1325-NW-PB HOT/COLD, ¾" HOSE CONNECTION, POLISHED BROZE FACE

AIR CONDITIONING UNIT

AC-1

YORK ZX12 NOMINAL 10 TON HEATING/COOLING UNIT WITH POWERED EXHAUST FAN AND ECONOMIZER, 24 INCH HIGH ROOF CURB, POWERED CONVENIENCE OUTLET, TOTAL COOLING CAPACITY 138 MBH, TWO COMPRESSORS, TWO CONDENSER FANS, HEATING INPUT GAS, 220 MBH, 4,000 CFM (1,888 LPS) AT 0.8 IN ESP, 3 HP, UNIT POWERED 208/60/3, MCA 54.4 AMPS, MOCP 70 AMPS, PROVIDE PROGRAMMABLE HEATING/COOLING THERMOSTAT

MAKE-UP AIR UNIT

MAU-1

BOUSEQUET BC-25-SDM-25-DX, 2,100 CFM AT 1" ESP, 2 HP, 208/60/3, 250 MBH INPUT, 25:1 TURNDOWN RATIO COOLING COIL, 2,100 CFM 85/67 EAT, 65/61 LAT, MERV 8 2" THICK PLEATED FILTERS, 24 INCH HIGH ROOF CURB, CONTROL PANEL, SWITCH OVER THERMOSTAT, ROOM THERMOSTAT

CONDENSING UNITS

CU-1

YORK YCJD60, 5 TON NOMINAL COOLING CAPACITY, 208/60/3, MCA 23.9 AMP, MOCP 40 AMP, REFRIGERANT LINE SET

EXHAUST FANS

EF-1, EF-2 KITCHEN HOODS

GREENHECK CUBE 121-3, 1,200 CFM AT 1 IN S.P., 1,480 RPM, 1/3 HP, 120/60/1, 14.9 SONES, PROVIDE EXTENDED ROOF CURB, HINGE KIT AND GREASE CONTAINER

EF-3, EF-4, EF-5, EF-6 WASHROOMS

GREENHECK CSP-A110, 102 CFM AT 0.25 IN S.P., 850 RPM, 51 WATTS, 120/60/1, 13.9 SONES, SWITCH WITH LIGHTS, PROVIDE WALL CAP

EF-7

GREENHECK CSP-A190, 180 CFM AT 0.25 IN S.P., 1,400 RPM, 100 WATTS, 120/60/1, 2.7 SONES, SWITCH WITH LIGHTS, PROVIDE WALL CAP

GAS FIRED WATER HEATER

WH-1

AO SMITH BTH-150A, 379 LITRES STORAGE, 674 LPH RECOVERY AT 100°F TEMP RISE, 120/60/1, 5 AMPS

DOMESTIC HOT WATER RECIRC PUMP

P-1

B&G NBF-12 F/LW, BRONZE, 4 GPM AT 10' HD, 2,800 RPM, 55 WATTS, 120/60/1, PROVIDE AQ-3/4 AQUASTAT

EXPANSION TANK

ET-1 (FOR WH-1)

AMTROL ST-12-C 2.4 GALLON MAXIMUM ACCEPTANCE VOLUME, 4.7 GALLON TANK, PRE-CHARGE TO CITY WATER PRESSURE

ELECTRIC HEATERS

EWH-1

CHROMALOX RF1840D31, 3 KW, 208/60/1, BUILT-IN THERMOSTAT, WHITE FINISH

EWH-2, EWH-3, EWH-4

CHROMALOX TWH 0711 CW, 750 WATTS, 120/60/1, BUILT-IN THERMOSTAT, WHITE FINISH

EWH-5

CHROMALOX TWH 1531 CW, 1,125 WATTS, 120/60/1, BUILT-IN THERMOSTAT, WHITE FINISH

EWH-6

CHROMALOX TWH 2031 CW, 1,500 WATTS, 120/60/1, BUILT-IN THERMOSTAT, WHITE FINISH

ECH-1

CHROMALOX RFFFT 86021, 6 KW, 208/60/1, WALL THERMOSTAT, WHITE FINISH

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A&W FOOD SERVICES OF CANADA INC.

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"2015 GFMGF CONCEPT DESIGN"
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NORTH BATTLEFORD, SK

Title: **SPECIFICATIONS AND EQUIPMENT SCHEDULES**

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