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# WINNIPEG TRANSIT MAINTENANCE FACILITY OFFICE REDEVELOPMENT

Title  
MECHANICAL SCHEDULES

## Revision

7

| DUCT MOUNTED ELECTRIC HEATING COIL SCHEDULE                                              |                |                      |             |            |                     |         |         |         |              |            |       |              |      |       |
|------------------------------------------------------------------------------------------|----------------|----------------------|-------------|------------|---------------------|---------|---------|---------|--------------|------------|-------|--------------|------|-------|
| UNIT IDENTIFICATION                                                                      |                | COIL                 |             |            | AIR                 |         |         | ELEMENT |              | ELECTRICAL |       | MANUFACTURER | TYPE | NOTES |
| MARK                                                                                     | ROOM(S) SERVED | TOTAL CAPACITY (MBH) | HEIGHT (IN) | WIDTH (IN) | TOTAL AIRFLOW (CFM) | EDB (F) | LDB (F) | KW      | NO OF STAGES | VOLTS      | PHASE |              |      |       |
| DHC-1                                                                                    | 103 KITCHEN    | 51.9                 | 22          | 35         | 1,650               | 54.3    | 75.0    | 15.2    | 1            | 600        | 3     | THERMOLEC    | SC   | 1.2   |
| DHC-2                                                                                    | 123 KITCHEN    | 13.7                 | 22          | 21         | 450                 | 54.9    | 75.0    | 4.0     | 1            | 208        | 3     | THERMOLEC    | SC   | 1.2   |
| NOTES:<br>1. 0.1W AIR FLOW SENSOR AND SCR CONTROLLER.<br>2. SUPPLY ELECTRIC DUCT HEATER. |                |                      |             |            |                     |         |         |         |              |            |       |              |      |       |

| ROOF TOP UNIT SCHEDULE - PART A |             |             |                                |                                      |                         |               |                |                                             |                |                |
|---------------------------------|-------------|-------------|--------------------------------|--------------------------------------|-------------------------|---------------|----------------|---------------------------------------------|----------------|----------------|
| UNIT IDENTIFICATION             |             |             | PHYSICAL CHARACTERISTICS       |                                      |                         |               |                | ELECTRICAL<br>HEATING COIL<br>CAPACITY (KW) | FILTER         |                |
| MARK                            | LOCATION    | AREA SERVED | DESIGN OUTSIDE<br>AIR<br>(CFM) | UNIT<br>OPERATING<br>WEIGHT<br>(LBS) | MAXIMUM UNIT DIMENSIONS |               |                |                                             | TYPE           | MERV<br>RATING |
|                                 |             |             |                                |                                      | HEIGHT<br>(IN)          | WIDTH<br>(IN) | LENGTH<br>(IN) |                                             |                |                |
| RTU-1                           | AREA A ROOF | AREA A      | 5,125                          | 1,243                                | 4.24                    | 5.26          | 8.30           | 18                                          | STANDARD PANEL | 13             |
| RTU-2                           | AREA B ROOF | AREA B      | 1,715                          | 804                                  | 4.24                    | 4.44          | 7.34           | 12                                          | STANDARD PANEL | 13             |

| PLUMBING FIXTURE SCHEDULE |                                                   |                   |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|---------------------------------------------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MARK                      | TYPE                                              | BASE              |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                           |                                                   | MFG               | MODEL         | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DF-1                      | BOTTLE FILLER                                     | MURDOCK           | BFEZS168      | WALL-HUNG SURFACE INSTALLATION, 20 GAUGE STAINLESS STEEL BOTTLE FILLER. 1 GPM FILL RATE SENSOR-OPERATED ACTIVATION, ADA COMPLIANT. C/W: LFHST01LK MCGUIRE LEAD-FREE STOP VALVE, 8872C P-TRAP, & CA-321 WATTS CARRIER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LAV-1                     | GROUP HANDWASHING STATIONS                        | ACORN             | 3543-2-F      | 3543 ON-FLOOR, SEMI-CIRCULAR, THREE STATION, SPUD CONNECTION AGAINST WALL, STAINLESS STEEL, 1.88 LPM (0.5 GPM) FLOW PER MINUTE, SEMI-CIRCULAR, -F FOOT OPERATION, THREE STATIONS, 115 MM (4-1/2") DEEP BOWL, SATIN FINISH, 14 GA. (1.9 MM) TYPE 304 STAINLESS STEEL BOWL, 18 GA. (1.2 MM) STAINLESS STEEL SPRAYHEAD 381 MM (15") DIA. X 133 MM (5-1/4") HIGH, PROVIDE AN ASSE 1070 COMPLIANT TEMPERATURE/PRESSURE BALANCING MIXING VALVE WITH STRAINERS AND INTEGRAL CHECK, 38 MM (1-1/2") OD WASTE CONNECTION WITH 102 MM (4") TAILPIECE, STANDARD IS BLACK VINYLCLAD GALVANIZED STEEL, 14 GA. TYPE 304 STAINLESS STEEL SATIN FINISH BASE, INTEGRAL BACKSPLASH, VANDAL-RESISTANT SPRAY NOZZLES, STAINLESS STEEL SCUFFGUARD BASE/LEAD FREE, SUPPLY KIT, CHROME-PLATED FINISH, LOOSE KEY HANDLE. C/W MCGUIRE LFH165LKN3 |
| SK-1                      | DOUBLE COMPARTMENT COUNTER MOUNTED - DROP-IN SINK | FRANKE COMMERCIAL | ALBD6406P-1-1 | DOUBLE COMPARTMENT COUNTER MOUNTED DROP-IN COMMERCIAL SINK, STAINLESS STEEL, TYPE 304, 18 GAUGE, WITH FAUCET LEDGE. C/W SUPPLY: MCGUIRE LFH165LKN3, P-TRAP: MCGUIRE PW8089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                           | FAUCET                                            | CHICAGO FAUCETS   | 434-ABCP      | CHICAGO FAUCETS MANUAL, SINGLE HOLE CENTERSET, 434-ABCP, 5.7 LPM (1.5 GPM) MAXIMUM FLOWRATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SK-2                      | SINGLE COMPARTMENT COUNTER MOUNTED - DROP-IN SINK | FRANKE COMMERCIAL | LBS4010P-1    | SINGLE COMPARTMENT COUNTER MOUNTED - DROP-IN COMMERCIAL SINK, STAINLESS STEEL WITH DRAINBOARD, BOWL SIZE 16"X 14"X 6". C/W SUPPLY: MCGUIRE LFH165LKN3, P-TRAP: MCGUIRE PW8089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                           | FAUCET                                            | CHICAGO FAUCETS   | 434-ABCP      | CHICAGO FAUCETS MANUAL, SINGLE HOLE CENTERSET, 434-ABCP, 5.7 LPM (1.5 GPM) MAXIMUM FLOWRATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SK-3                      | SINGLE COMPARTMENT COUNTER MOUNTED - DROP-IN SINK | FRANKE COMMERCIAL | LBS4010P-1    | STAINLESS STEEL, TYPE 304, 18 GAUGE, COUNTER MOUNTED, WITH FAUCET LEDGE, SINGLE COMPARTMENT, COMMERCIAL SINKS. C/W SUPPLY: MCGUIRE LFH165LKN3, P-TRAP: MCGUIRE 8912CB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                           | FAUCET                                            | CHICAGO FAUCETS   | 434-ABCP      | CHICAGO FAUCETS MANUAL, SINGLE HOLE CENTERSET, 434-ABCP, 5.7 LPM (1.5 GPM) MAXIMUM FLOWRATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| FD-1                      | FUNNEL FLOOR DRAIN                                | WATTS             | FD-103NH-EG   | FUNNEL, FLOOR DRAIN, ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES. EPOXY COATED CAST IRON, STANDARD BODY MATERIAL. C/W ADJUSTABLE, HEEL PROOF NICKEL BRONZE TOP AND 3" (76 MM) PIPE SIZE, NO-HUB OUTLET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CO                        | FLOOR CLEANOUT                                    | WATTS             | CO-200        | UNFINISHED AREA, ADJUSTABLE, GENERAL PURPOSE ROUND FLOOR CLEANOUT. C/W 1/2" (13 MM) THICK GASKETED COVER. EPOXY COATED CAST IRON, STANDARD (EPOXY COATED CAST IRON)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| GRILLE, REGISTER, DIFFUSER SCHEDULE |                        |                |       |          |              |              |       |
|-------------------------------------|------------------------|----------------|-------|----------|--------------|--------------|-------|
| MARK                                | GRILLE TYPE            | MOUNTING TYPE  | COLOR | MATERIAL | MANUFACTURER | MODEL NUMBER | NOTES |
| E-1                                 | LOUVER GRILLE RETURN   | SURFACE        | WHITE | STEEL    | E.A.H.PRICE  | 5102         | 1,2,3 |
| R-1                                 | LOUVER GRILLE RETURN   | SURFACE        | WHITE | STEEL    | E.A.H.PRICE  | 5102         | 1,3   |
| S-1                                 | SQUARE PLAQUE DIFFUSER | SURFACE        | WHITE | STEEL    | E.A.H.PRICE  | SPD          | 1,2,3 |
| S-2                                 | SQUARE PLAQUE DIFFUSER | SURFACE        | WHITE | STEEL    | E.A.H.PRICE  | SPD-H        | 1,2,3 |
| S-3                                 | LOUVER GRILLE SUPPLY   | SURFACE & DUCT | WHITE | STEEL    | E.A.H.PRICE  | 500          | 1,2,3 |

| DOMESTIC WATER HEATING EQUIPMENT SCHEDULE |             |           |                    |               |          |         |                |                |       |
|-------------------------------------------|-------------|-----------|--------------------|---------------|----------|---------|----------------|----------------|-------|
| UNIT IDENTIFICATION                       |             | EQUIPMENT |                    |               |          |         | MANUFACTURER   | MODEL NUMBER   | NOTES |
| MARK                                      | AREA SERVED | TYPE      | INPUT HEATER (MBH) | STORAGE (GAL) | EXIT (F) | LWT (F) |                |                |       |
| DWH-1                                     | AREA A      | TANK      | 10                 | 5             | 40       | 140     | A.O.SMITH      | DSE-5-3        | 1.2   |
| DWH-2                                     | AREA B      | TANKLESS  | 9                  | -             | 40       | 140     | STREBEL ELTRON | MNH-4-2 220209 | '1    |

NOTES:  
1. REFER TO ELECTRICAL DRAWINGS FOR VOLTAGE AND OTHER ELECTRICAL INFORMATION.  
2. COW DEAN PAV