

| HEAT RECOVERY VENTILATOR SCHEDULE | |
|-----------------------------------|---------------------------------|
| TAG | HRV-1 |
| SERVICE | AHU-1 |
| MANUFACTURER | NU-AIR |
| MODEL | NU0820HRV |
| SUPPLY FAN | |
| L/S | 861 |
| CFM | 1,825 |
| EXTERNAL SP | |
| Pa | 250 |
| Inches WG | 1.0 |
| FILTER | MERV8 |
| MOTOR | |
| kW | 1.1 |
| (HP) | 1.5 |
| RPM | 1,750 |
| EXHAUST FAN | |
| L/S | 489 |
| CFM | 1,036 |
| EXTERNAL SP | |
| Pa | 250 |
| Inches WG | 1.0 |
| FILTER | MERV8 |
| MOTOR | |
| kW | 0.4 |
| (HP) | 0.5 |
| RPM | 1,750 |
| HEAT RECOVERY CORE | POLYPROPYLENE HRV |
| | 22 GA. GALVANIZED STEEL CABINET |
| NOTES: DEFROST-FAN SHUT DOWN | |

| EXPANSION TANK SCHEDULE | | | | | | | | |
|-------------------------|--------------|---------|-------------------------|---------------------------|-------------------------------|----------------------|-------|--------------------------------------|
| TAG | MANUFACTURER | MODEL | TOTAL VOLUME (U.S. GAL) | PRECHARGE PRESSURE (PSIG) | MAX. OPERATING PRESSURE (PSI) | MAX. TEMPERATURE (F) | FLUID | Note |
| ET-1 | BERKELEY | PSP50T | 50 | 40 | 125 | 120 | WATER | 18.3 GALLONS DRAWDOWN, COME WITH P-1 |
| ET-2 | AMTROL | ST-12-C | 4.4 | 40 | 150 | 200 | WATER | |

| PUMP SCHEDULE | | | | | | | | |
|---------------|-------------------------------------|----------------|-----------|----------|----------------|----------|---------------|--|
| TAG | DESCRIPTION | MFR. | MODEL | SIZE L/s | TOTAL HEAD (m) | PUMP RPM | MOTOR (hp) | NOTES |
| P-1 | WATER BOOSTER PUMP AND TANK PACKAGE | GOULDS | J7S | 1.15 | 28.13 | | 0.75 | P-1 COME WITH PRESSURE TANK ET-1(SEE EXPANTION TANK SCHEDULE) AND PUMP MOUNTING BRACKET. |
| P-2 | HOT WATER RECIRCULATION PUMP | BELL & GOSSETT | NBF-8S/LW | 0.19 | 1.6 | 2800 | 0.38 AMPS/39W | P-2 COME WITH B&G AUTOMATIC TIMER |
| SMP-1 | SUMP PUMP PACKAGE | ZOELLER | 6292 | 2.8 | 9.8 | | 0.5 | SIMPLEX PUMP WITH 600MM DIAMETER X 1800MM DEEP SUMP PIT, INTERNAL PIPE, VALVE AND FLOAT CONTROL. 50MM DISCHARGE. |
| SMP-2 | SUMP PUMP PACKAGE | ZOELLER | 6292 | 2.8 | 9.8 | | 0.5 | SIMPLEX PUMP WITH 600MM DIAMETER X 1800MM DEEP SUMP PIT, INTERNAL PIPE, VALVE AND FLOAT CONTROL. 50MM DISCHARGE. |
| NOTES: | | | | | | | | |

| TERMINAL UNIT SCHEDULE | | | | | | | |
|------------------------|---------------------------|-----------|-------|------|----------------------|----------|--------------------------|
| TAG | DESCRIPTION | MFG | MODEL | SIZE | DESIGN AIR FLOW RATE | | LOCATION |
| | | | | | MAX. L/S | MIN. L/S | |
| VAV-0-01 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 126 | 63 | B08 STORAGE |
| VAV-0-02 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 90 | 45 | B03 MUD ROOM |
| VAV-0-03 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 126 | 63 | B08 STORAGE |
| VAV-0-04 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 120 | 60 | B08 STORAGE |
| VAV-0-05 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 120 | 60 | B08 STORAGE |
| VAV-1-01 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 100 | 50 | 107 M LOCKER |
| VAV-1-02 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 8 | 280 | 140 | 108 LUNCH ROOM |
| VAV-1-03 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 10 | 488 | 244 | 112 GENERAL OFFICE |
| VAV-1-04 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 8 | 328 | 164 | 113 GENERAL OFFICE |
| VAV-1-05 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 6 | 160 | 80 | 125 OPERATION SUPERVISOR |
| VAV-1-06 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 7 | 210 | 105 | 124 OPERATION FOREMAN |
| VAV-1-07 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 6 | 170 | 85 | 123 GENERAL OFFICE |
| VAV-1-08 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 5 | 100 | 50 | 101 F LOCKER |
| VAV-1-09 | SINGLE DUCT TERMINAL UNIT | E H PRICE | SDV | 8 | 320 | 160 | 117 MULTI PURPOSE ROOM |

NOTES:
 1. ALL VAV BOXES ARE BASED ON E. H.PRICE PRODUCTS.
 2. DDC CONTROL, 1 METER ATTENUATOR

| GRILLE AND DIFFUSER SCHEDULE | | | | |
|------------------------------|--------------------------|-----------|-----------|--|
| TAG | DESCRIPTION | MFG | MODEL | REMARKS |
| S-1 | SQUARE CONE DIFFUSER | E H PRICE | SCD/3C | T-BAR CEILING MOUNTING, COLOUR B12 |
| S-2 | SQUARE CONE DIFFUSER | E H PRICE | SCD/3C | T-BAR CEILING MOUNTING, COLOUR B12 SIZE 12"x12" |
| S-3 | LOUVER FACE SUPPLY | E H PRICE | 520/F/L/A | SIZE WALL MOUNTING, SIZE REFER TO DRAWINGS, COLOUR B12 |
| S-4 | ROUND CONE DIFFUSER | E H PRICE | RCD | SIZE REFER TO DRAWINGS, COLOUR B12 |
| R-1 | EGG CRATE CEILING RETURN | E H PRICE | 80 | SIZE REFER TO DRAWINGS, COLOUR B12 |
| R-2 | LOUVERED RETURN | E H PRICE | 530 | SIZE REFER TO DRAWINGS, COLOUR B12 |

| FAN SCHEDULE | | | | | | | | |
|--------------|--------------|---------|--------------------|--------------|-------|-------|------|---|
| TAG | MANUFACTURER | MODEL | TYPE | AIR FLOW CFM | SP IN | MOTOR | | NOTES |
| | | | | | | HP | BHP | |
| F-1 | GREENHECK | SQ-95-D | IN LINE FAN | 420 | 0.5 | 0.125 | 0.09 | |
| F-2 | BROAN | QS1 | UNDER CABINET HOOD | 220 | | | | STAINLESS STEEL, TWO SPEED ROCKER 2 HALOGEN BULBS |

| DOMESTIC WATER HEATERS | | | | | | | |
|------------------------|----------|----------|----------|---------|-------------------|--------|----------|
| TAG | MFR. | MODEL | CAPACITY | | | | INPUT KW |
| | | | STORAGE | | RECOVERY (100 dT) | | |
| | | | LITRES | US GAL. | mL/s | US GPH | |
| DHT-1 | AO SMITH | DRE-52-9 | 189 | 50 | 72.6 | 69 | 9 |
| DHT-2 | AO SMITH | DRE-52-9 | 189 | 50 | 72.6 | 69 | 9 |

| SPLIT AIR CONDITIONING UNIT SCHEDULE | | | | | | | | |
|---|------------------------|----------------|------------|-------------|----------------|-----|------------------------|----|
| TAG | DESCRIPTION | LOCATION | MFG | MODEL | TOTAL AIR FLOW | | TOTAL COOLING CAPACITY | |
| | | | | | CFM | L/S | MB | KW |
| AC-1 | INDOOR AIR CONDITIONER | ELEC ROOM B-06 | MITSUBISHI | PKA-A24KA4 | 775 | 366 | 24 | 7 |
| CU-2 | OUTDOOR UNIT | OUTDOOR WALL | MITSUBISHI | PUY-A24NHA4 | | | | |
| NOTE: R-401A REFRIGERANT, AND THE CONDENSING UNIT SUITABLE FOR -40 DEGREE C OPERATION | | | | | | | | |

| 0 | ISSUED FOR CONSTRUCTION | JAW | MAR 20 2017 |
|-----|-------------------------|-----|-------------|
| No. | REVISION/DESCRIPTION | BY | DATE |



| | | | | | | | |
|-------|------------|---------------|-----|----------|-----|----------|-----|
| DRAWN | JAW | CHECKED | XYW | DESIGNED | XYW | APPROVED | XYW |
| DATE | 2016.08.25 | USER APPROVAL | | | | | |

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND
 DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 BRADY ROAD LANDFILL
 ADMINISTRATION BUILDING
 DEVELOPMENT FOR BRADY LANDFILL
 1777 BRADY ROAD

SHEET TITLE
 MECHANICAL SCHEDULES