SETS, AIR HANDLERS, ROOF-TOPS UNITS, CONDENSING UNITS, COMPRESSED, ETC. AS APPLICABLE. SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.

- 16. PROVIDE WALL CAPS IN ALL SIDEWALL DISCHARGE APPLICATIONS AS INDICATED ON DRAWINGS. WALL CAPS TO BE OF STEEL CONSTRUCTION AND BE BE BY ONE MANUFACTURER. STANDARD OF ACCEPTANCE: REVERSOMATIC.
- 17. ALL AIR AND WATER SYSTEMS SHALL BE BALANCED AND TESTED BY A CERTIFIED A.A.B.C. INDEPENDENT BALANCING AGENCY TO PROVIDE QUANTITIES AS SHOWN. PROVIDE THREE(3) SETS OF BALANCE REPORTS FOR REVIEW BY THE CONTRACT ADMINISTRATOR. ALL BALANCING REPORTS SHALL INCLUDE FIRE DAMPER TESTING AND CERTIFICATION.
- 18. AUTOMATIC SPACE TEMPERATURE CONTROL DEVICES SHALL BE PROVIDED WITH THE FOLLOWING REQUIREMENTS: 18.1. SHALL BE ACCURATE TO WITHIN 2°F (1°C).
- 18.2. SHALL BE INSTALLED BETWEEN 4'-7'' (1400MM) AND 4'-11'' (1500MM) ABOVE THE FLOOR.
- 18.3. SHALL BE INSTALLED ON INTERIOR WALLS OR EXTERIOR WALLS WITH R20 (3.5 RSI) AND AWAY FROM DIRECT SUNLIGHT AND HEAT SOURCES.
- 18.4. SHALL DISABLE SIMULTANEOUS HEATING AND COOLING.

## <u>CONTROLS</u>

THE POINTS BELOW DESCRIBE THE CONTROL SEQUENCE OF THE H.V.A.C. EQUIPMENT SPECIFIED IN THE SCHEDULES. ALL CONTROLS TO BE SUPPLIED BY MECHANICAL SUB CONTRACTOR AND WIRED BY MECHANICAL SUB CONTRACTOR UNLESS OTHERWISE SPECIFIED. CONTROLS CONTRACTOR SHALL BE A SUBCONTRACTOR OF THE MECHANICAL SUB CONTRACTOR. PROVIDE LOCKABLE COVERS FOR ALL THERMOSTATS, NEW OR EXISTING. ALL CONTROL WIRING SHALL BE PLENUM RATED IN ACCORDANCE WITH THE CANADIAN ELECTRICAL CODE TO MEET THE DEVELOPED SMOKE/FLAME SPREAD RATINGS OF 25/50.

- 1. HRV CONTROL:
- 1.1. UNIT SHALL CYCLE BY TIME CLOCK BY UNIT SUPPLIER.
- 1.2. WIRE CONTROL FOR DEFROST ELECTRIC COIL BY UNIT SUPPLIER. TO ENERGIZE COIL WHEN SUPPLY TEMPERATURE IS BELOW 30F(0C).
- 2. DOMESTIC WATER PRESSURIZATION PUMP CONTROL:

2.1. PROVIDE TIME CLOCK TO ENERGIZE AND DE-ENERGIZE PUMP AS PER PROGRAMMED SCHEDULE.

## MECHANICAL EQUIPMENT SCHEDULES:

EQUIPMENT THAT IS SUPPLIED WITH A FACTORY-INSTALLED DISCONNECTING MEANS FOR THE CONNECTION OF THE SUPPLY SIDE FEEDER CONDUCTORS MUST BE CERTIFIED SO THAT THESE CONDUCTORS CAN BE OF EITHER ALUMINUM OR COPPER.

MECHANICAL AND ELECTRICAL SUB CONTRACTORS ARE RESPONSIBLE FOR THE MUTUAL COORDINATION OF ALL ELECTRICAL REQUIREMENTS OF MECHANICAL EQUIPMENT. COORDINATION IS TO INCLUDE THE COMMUNICATION OF ALL FINAL ELECTRICAL NAMEPLATE INFORMATION FROM THE MECHANICAL SUB CONTRACTOR TO THE ELECTRICAL SUB CONTRACTOR, THE COMMUNICATION OF THE DETAILED CONTROL INFORMATION AS WELL AS ANY ANCILLARY INFORMATION REQUIRED FOR THE FINAL SYSTEMS TO OPERATE AS INTENDED BY THE RESPONSIBLE PROFESSIONAL ENGINEER. THE COORDINATION IS TO OCCUR PRIOR TO THE ORDERING OF EQUIPMENT BY EITHER TRADE. NO EXTRA COMPENSATION WILL BE ALLOWED DUE TO FAILURE TO CARRY OUT THIS COORDINATION. REPORT AT ONCE TO THE CONTRACT ADMINISTRATOR ANY DEFECT, DISCREPANCY, OMISSION OR INTERFERENCE AFFECTING THE SATISFACTORY COMPLETION OF WORK.

ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE CONSULTANT NO REPRODUCTIONS MAY BE MADE WITHOUT THE CONSENT OF THE CONSULTANT AND ALL REPRODUCTIONS MUST BEAR THE NAME OF THE CONSULTANT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS AND LEVELS NOTED ON THE DRAWINGS WITH THE CONDITIONS ON SITE AND SHALL BE RESPONSIBLE FOR REPORTING ANY ERRORS OR OMISSIONS TO THE ENGINEER FOR ADJUSTMENTS. THIS DRAWING SHALL NOT BE SCALED

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Revisions

May 31, 2017

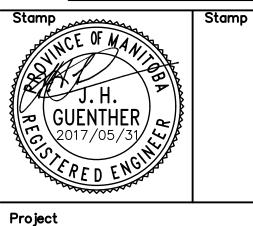
Issued for Construction Revision

Northern Sky Architecture Inc.









La Barriere Park Washroom Replacement La Barriere Park, Manitoba

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