

ELECTRICAL POWER AND SYSTEMS NOTES: "["x"]"

ALSO SEE NOTES & SPECIFICATIONS.
ALL WIRING & CABLING SHALL BE CONCEALED IN DOOR JAMB &/OR IN WALL
CAVITY FOR FINISH SPACES. ALL WIRING & CABLING IN CEILING SPACE SHALL BE PLENUM RATED AS PER LATEST CEC.

ELECTRICAL CONDUIT SUPPORT
 1.1. PROVIDE ANCHORED SUPPORT RODS TO CEILING TO SUPPORT 16"
 MINIMUM LONG UNISTRUTS ALONG LAYOUT SHOWN. PROVIDE STEEL
 EMT CLAMPS FOR UNISTRUT MOUNTING. MOUNT HEIGHT TBD.

2. COMMUNICATION TRAY SYSTEM
2.1. PROVIDE COMMUNICATION TRAY SYSTEM TO SUPPORT CABLING FOR DATA, FUTURE CARD ACCESS, TELEPHONE, INTRUSION ALARM, LIGHTING CAT5e. SYSTEM SHALL BE LEGRAND "CABLOFIL CABLE MANAGEMENT" WITH CABLOFIL CABLE TRAY CF105/300 (4" HEIGHT x 12" WIDTH) ALL NECESSARY CLAMP KITS, SUPPORTS, BRACKETS, DROPOUTS, CABLE EXITS, CLIPS. MOUNT HEIGHT TBD. GROUNDING SHALL CONFORM TO LATEST CEC.

2.2. ATTACH CABLE TRAY TO TOP OF ELECTRICAL CONDUIT SUPPORT UNISTRUT

3. TRANSFORMER POWER FOR VAVs 3.1. PROVIDE DEDICATED 120V/1PH. 15A CIRCUIT WITH BREAKER TO (2) TRANSFORMER WITH AUTOMATIC SHORT CIRCUIT PROTECTION, 120VAC-24VAC, 100VA RATING, PLATE MOUNTING. MOUNT TRANSFORMERS WITH PLATE SECURELY ON WALL AT 2300mm AFF.

4. REFER TO MOTOR SCHEDULE FOR WIRE & CONNECT OF EQUIPMENT.

5. MOUNT EMERGENCY SIGN/ BATTERY UNIT ABOVE DOOR AT 2400mm AFF.

6. MOUNT COMPACT DOUBLE REMOTE EMERGENCY LAMPS AT 2400mm AFF.

7. TELEPHONE/COMMUNICATION BACKBOARD, REFER TO SPECIFICATION.

8. LINE-VOLTAGE THERMOSTAT WITH 24V RELAY & TRANSFORMER 347V/24V TO CONTROL BASEBOARD HEATER & VAV.

9. PROVIDE NETWORK RACK & MOUNT SECURELY TO FLOOR. PROVIDE 1000mm SPACE IN FRONT & BEHIND & 600mm AT SIDES FOR ACCESS. REFER TO ELECTRICAL LEGEND FOR EQUIPMENT SPECIFICATION.

10. PROVIDE IN-DUCT SMOKE DETECTOR & ALL NECESSARY COMPONENTS TO BE MOUNTED ON AHU-1 RETURN DUCT. WIRE WITH RELAY & ALL NECESSARY COMPONENTS TO BUILDING ALARM CONTROL PANEL, HEAT & SMOKE DETECTOR CONTACTS. CONFIGURE TO SHUT-DOWN AHU-1
WHEN HEAT &/OR SMOKE DETECTOR IS ACTIVATED. REFER TO DRAWING
E8, INTRUSION ALARM AND MONITORING SYSTEMS. BUILDING ALARM CONTROL PANEL BY-OTHERS.

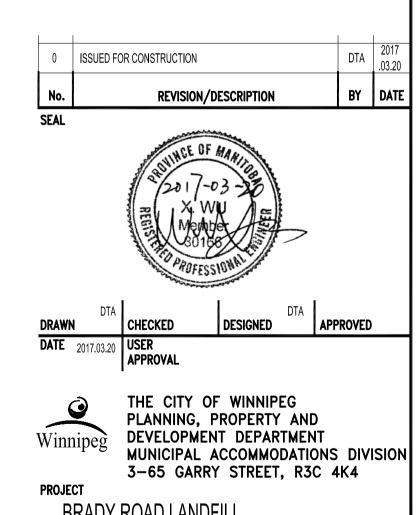
NOTES:

. THESE DRAWINGS SHALL NOT BE SCALED. CONSULT WITH CLIENT AND DESIGNER ON

2. DIMENSIONS & UNITS SHOWN IN WHOLE NUMBERS ARE IN MILLIMETRES (mm).

3. DIMENSIONS & UNITS SHOWN TO DECIMAL PLACES ARE IN METRES (M).

4. ALSO REFER TO SHEET E1 & ELECTRICAL SPECIFICATIONS.



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