

No. 245 Date: <u>2008-06-19</u>

IO. REVISIONS

DATE BY DATE

**GENERAL NOTES:** 

- PROVIDE A NEW DRYWELL VENTILATION SYSTEM WITH L-5, SF-1 AND DUCTWORK AS
- PROVIDE A NEW MAIN FLOOR FREE COOLING VENTILATION SYSTEM WITH L-1, L-2, L-3, EF-1, EF-2 AND DUCTWORK AS SHOWN.
- 4. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.

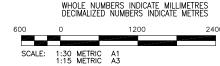
- PROVIDE A GALVANIZED STEEL, 6mm ROD, WELDED, 50mm SQUARE GRID PROTECTIVE SCREEN ON AIR INTAKE SIDE OF FAN (DETAIL OF PROTECTIVE SCREEN TO BE SHOWN ON SHOP DRAWING AND VERIFIED WITH CONTRACT ADMINISTRATOR).
- 4 RUN DUCT DOWN APPROXIMATELY 5.2m BELOW THE MAIN FLOOR TO IM ABOVE DRYWELL BASEMENT LEVEL FLOOR. PROVIDE A 90 DEGREE ELBOW AT OUTLET OF DUCT DIRECTING AIRFLOW TOWARDS EAST SIDE OF DRYWELL.
- PROVIDE NEW SUPPLY FAN, SF-1, AS SHOWN. FAN SHALL BE A "GREENHECK" OR EQUAL IN ACCORADNCE WITH B6, MODEL SQ-120-14, CENTRIFUGAL DIRECT DRIVE, 0.5 HP, 120/1/60, 850 L/S AT 125 Pa, FRONT (EAST) SIDE ACCESS PANEL, CONTINUOUS DUTY TWO-SPEED MOTOR. PROVIDE VIBRATION ISOLATION HANGERS, FLEX CONNECTIONS TO DUCT WORK. SUPPORT FAN EDOM FLOOD
- PROVIDE NEW EXHAUST FANS, EF-1 AND EF-2, AS SHOWN. FAN SHALL BE A NORTHERN BLOWER OR EQUAL, DESIGN 8091, SIZE 2450, CENTRIFOIL AIRFOIL, BELT DRIVE MOTOR, 1 HP, 575/3/60, 2000 L/S AT 125 Pa, TEFC, HIGH EFFICIENCY MOTOR. PROVIDE VIBRATION ISOLATION HANGERS, FLEX CONNECTION TO DUCTWORK AND MOUNT UNIT TIGHT TO CEILING (100mm). ATTACH PROTECTIVE SCREEN ON AIR INTAKE SIDE OF FAN (DETAIL OF PROTECTIVE SCREEN TO BE SHOWN ON SHOP DRAWING.) LOCATE MOTORS AS SHOWN. PROVIDE SIDE ACCESS PANELS. SUPPORT FROM WOOD BEAMS ABOVE AS PER EXISTING FAN. PROVIDE VIBRATION ISOLATORS ON FAN SUPPORTS.

TO FAN AS SHOWN WITH AIR TIGHT SEAL. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. REFER TO STRUCTURAL/ARCHITECTURAL DRAWINGS FOR WALL DETAIL.

INSTALL L-2, L-3 AND L-5 TIGHT TO CEILING JOISTS/TIMBER LINTEL BEAM

- PROVIDE A 25mm THICK INSULATED GALVANIZED STEEL COVERED WINTER CLOSURE PANEL. PROVIDE HINGED ACCESS DOOR AND GUIDES TO PERMIT INSERTION OF PANEL. PANEL TO BE IN 2 OR 3 PARTS WITH DEVICES TO FACILITATE INSTALLATION AND REMOVAL THROUGH THE ACCESS DOOR. PROVIDE HANDLE FOR PANEL REMOVAL. PROVIDE PANEL STEM PANEL THE PANEL PROVIDE PANEL STEM PANEL REMOVAL. PROVIDE PANEL STEM PANEL REMOVAL. PROVIDE PANEL STEM PANEL REMOVAL. PROVIDE PANEL STEM PANEL PROVIDED PANEL PANEL

- PROVIDE PLENUM VEINS TO REDIRECT AND DISTRIBUTE THE AIRFLOW AS SHOWN, VEINS TO BE RIGID SHEET METAL CONSTRUCTION SECURELY FASTENED AND BRACED AS NECESSARY INSIDE THE PLENUM TO PREVENT NOISE. KEEP 50mm CLEARANCE BETWEEN VEINS AND



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