

(Watts) TEMP (°C) TEMP (°C) VOLTS PHASE MCA MOP

WEIGHT

CU 1 ELECTRICAL ROOM R-410A FIELD CHARGED 5,275.0 263 WALL YES 208 1 2.5 50 2 17,584 40 -30 208 1 12.0 20 105 1

PUMP

1. EXISTING UNIT TO BE CONNECTED TO NEW WORK AS NOTED.

EXISTING INDOOR WALL-MOUNTED AC UNIT TO REMAIN. OUTDOOR CONDENSING UNIT PROVIDES POWER TO INDOOR EVAPORATORS. DEMOLISH ALL EXISTING CONDENSATE PIPING AND ASSOCIATED CONDENSATE PUMPS AT EACH EVAPORATOR. INSTALL A NEW CONDENSATE PUMP WITH DISCHARGE CHECK VALVE AT EACH EVAPORATOR, AND 19MM TUBING FROM EACH EVAPORATOR, THROUGH EACH CONDENSATE PUMP, TO EXISTING SANITARY PIPE AS SHOWN. CONNECT TO EXISTING SANITARY PIPE VIA AN INDIRECT CONNECTION WITH A NEW OPEN DRAIN WITH P-TRAP. ROUTE PIPING AS HIGH AS POSSIBLE, WHILE MAINTAINING MINIMUM 2% sur le même chantier et pour le même projet. Ils ne peuvent être offerts en vente ni transférés sans SLOPE FROM EVAPORATOR TO CONDENSATE PUMP. DO NOT ROUTE PIPING OVER ELECTRICAL EQUIPMENT. COORDINATE ROUTING WITH DCC REPRESENTATIVE PRIOR TO INSTALLATION. PIPING INSTALLATION, SUPPORTS, LABELING, SLEEVES, AND MATERIAL TO BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

DRAWING NOTES

EXISTING WALL-MOUNTED WIRED EVAPORATOR REMOTE TO REMAIN.

\ DEMOLISH ALL EXISTING REFRIGERANT PIPING, COMPLETE WITH INSULATION AND HANGERS/SUPPORTS, AND INSTALL NEW LINES. PIPING SIZING, INSTALLATION, AND REFRIGERANT DISTRIBUTION SPLITTER BOX INSTALLATION IN ACCORDANCE WITH AC UNIT MANUFACTURER'S SPECIFICATIONS. MOUNT PIPING IN ROOM AS HIGH AS POSSIBLE WHILE ADHERING TO MANUFACTURER'S RECOMMENDATIONS. LOCATE PIPING PENETRATION TO GROUND FLOOR APPROXIMATELY WHERE SHOWN, AS NEAR AS POSSIBLE TO EXTERIOR WALL. COORDINATE ROUTING WITH DCC REPRESENTATIVE PRIOR TO INSTALLATION. WEATHERPROOF NEW AND EXISTING EXTERIOR OPENINGS, SEAL NEW AND EXISTING INTERIOR OPENINGS, AND FINISH ALL AFFECTED SURFACES TO MATCH ADJACENT ARCHITECTURAL ELEMENTS. PIPING INSTALLATION, MATERIAL, LABELING, SLEEVES, AND INSULATION TO BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS. PROVIDE SUBMITTALS FOR PROPOSED WEATHERPROOFING AND SEALANT MATERIALS. PRODUCTS SHALL BE CAPABLE OF FULLY SEALING PENETRATIONS AND BEING FINISHED TO MATCH ADJACENT ARCHITECTURAL ELEMENTS.

PROVIDE NEW SLAB PENETRATION FOR REFRIGERANT PIPING. SCANNING / | MUST BE PERFORMED PRIOR TO CONSTRICTION TO DETERMINE LOCATION OF EXISTING REBAR, CORE AND SLEEVE CONCRETE TO FACILITATE PIPING INSTALLATION. APPROXIMATE LOCATION SHOWN, FIELD-COORDINATE WITH EXISTING EQUIPMENT AND ALL OTHER DISCIPLINES.

VAHP060B21S) TO REMAIN. MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCE AROUND UNIT FOR ALL NEW WORK INSTALLED. REPLACE BUMPERS ON UNIT SUPPORTS WITH NEW RUBBER BUMPERS DESIGNED TO PREVENT CONTACT INJURIES. SUBMIT SHOP DRAWING OF BUMPERS PRIOR TO INSTALLATION FOR REVIEW. ADD ADDITIONAL FASTENERS TO FULLY SECURE SUPPORT TO WALL AND UNIT TO SUPPORT. FASTENERS SHALL BE PROPERLY INSTALLED AT ALL CONNECTION POINTS PROVIDED ON SUPPORT INSTALL WIND GUARD ON CONDENSING UNIT. DCC REPRESENTATIVE WILL PROVIDE WIND GUARD FOR INSTALLATION.

\ DEMOLISH EXISTING CONDENSATE PUMPS.

INVITED WITH REFRIGERANT. CONTRACTOR SHALL COLLECT ALL REFRIGERANT AND DISPOSE OF OFF-SITE IN ACCORDANCE WITH FEDERAL AND PROVINCIAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR CHARGING SYSTEM WITH NEW REFRIGERANT UPON COMPLETION OF WORK.

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HVAC - PARTIAL FIRST FLOOR - NEW WORK

ISSUED FOR TENDER 04 | 2024/10/16 CM ISSUED FOR TENDER 03 | 2024/03/29 ISSUED FOR 100% REVIEW ISSUED FOR 99% REVIEW O1 | 2023/12/08 SCALE | ÉCHELLE

TORONTO ONTARIO PROJECT | PROJET

DENISON ARMOURY CCTV UPGRADE

TRADE | MÉTIER MECHANICAL 2021/03/26 SUBJECT | SUJET

NEW HVAC WORK BASEMENT & FIRST FLOOR REVIEWED | REVU PRODUCTION

DES O | AGENT CONC ..MORRELI DRAWN | DESSINÉ PROJ MGR | GEST PROJ N.SAEED DES MGR | GEST CONC CHECKED | VÉRIFIÉ C.MCGEE COORDINATION FIRE | INCENDIE WBS NO. | NO. OTP PF NO. | NO. DP TT180003

DWG. NO. | NO. DESSIN

TT180003 - 401

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HVAC - PARTIAL BASEMENT FLOOR - NEW WORK

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