

1 PARTIAL SECOND FLOOR PLAN - ELECTRICAL
SCALE 1:100

2 PARTIAL SECOND FLOOR PLAN - NORTH EAST - EXIT LIGHTING UPGRADE
SCALE 1:100


LAB FUME HOOD EXHAUST FAN EX-5:
1.49 KW 2 HP 600V 3 PHASE 2.7 FLA. EXHAUST FAN AND VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECT SWITCH IN 3R ENCLOSURE SUPPLIED BY THE MECHANICAL DIVISION.

START-UP AND COMMISSIONING OF THE EXHAUST FAN AND VFD TO BE CONDUCTED BY THE MECHANICAL DIVISION.

THE CONTRACTOR SHALL MOUNT THE VFD ON STRUT CHANNELS SUPPORTED FROM THE SUPPORT STRUCTURE FOR THE EXHAUST FAN. PROVIDE THE FOLLOWING CONNECTIONS:

EXHAUST FAN EX-5 SHALL BE FED FROM EMERGENCY 600-VOLT PANEL 'E0B6' LOCATED IN THE BASEMENT MAIN ELECTRICAL ROOM. PROVIDE 15 AMP 3-POLE BREAKER AT PANEL 'E0B6', CIRCUIT 'E0B6-19/21/23'. FROM VFD TO PANEL 'E0B6', RUN 3 # 12 RW90 (600V) + #12 INSULATED GROUND IN 21MM CONDUIT. APPROXIMATE LENGTH OF RUN FROM VFD TO PANEL E0B6: 85 METERS.


FROM VFD TO FUME HOOD MOTOR JUNCTION BOX: RUN 3 CONDUCTOR #12 AWG (CU) STRANDED CONDUCTOR WITH 300% GROUND FOIL/BRAIDED 1000V RATED VFD ARMoured CABLE




Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada


REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest




2292 Dewdney Avenue Regina, Saskatchewan
Canada S4R 1H3 306-757-1669




J C KENYON ENGINEERING INC.
STRUCTURAL ENGINEERING CONSULTANTS



MECHANICAL CONSULTING ENGINEERS



Ritenburg &
Associates Ltd.
Consulting Electrical Engineers



ASSOCIATION OF PROFESSIONAL ENGINEERS
OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.
NUMBER 52
PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. No. SIGNATURE
ELECTRICAL 9273
RAL FILE NO. 12878

2	ADDENDUM NO.1	2017/05/02
1	ISSUED FOR TENDER	2017/04/28
Revision	Description	Date
Client		client
P.W.G.S.C.		
Project title	Projet	
REGINA, SASKATCHEWAN		
ALVIN HAMILTON BUILDING RESTACK		
P3A Project No. 16-37		
Designed by	Conçu par	
RE		
Drawn by	Dessiné par	
RE		
Approved by	Approuvé par	
SBK		
PWGSC Project Manager	Administrateur de Projets TPSCC SK	
Drawing title	Titre du dessin	
SECOND FLOOR ROOF ELECTRICAL		
Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.068737 R.067157 R.067241	E2.11 OF	1