

**DIALOG™**

stamp



(304.72)

04		
03		
02		
01	ISSUED FOR BID	2013/10/04
revision		date

Do not scale drawings  
Verify all dimensions and conditions on site and  
immediately notify the Departmental Representative of all  
discrepancies

<b>A</b>	detail no. no. du détail
<b>B</b>	drawing no. - where detail required dessin no. - où détail exigé
<b>C</b>	drawing no. - where detailed dessin no. - où détaillé

project title  
titre du projet

GRAND VALLEY INSTITUTION FOR WOMEN  
1575 HOMER WATSON BLVD.  
KITCHENER, ONTARIO, N2P 2C5

PRINCIPAL ENTRANCE BUILDING

drawing title  
titre du dessin

## GROUND FLOOR POWER PLAN PEB

drawn by  
dessiné par OS

designed by  
conc par OS

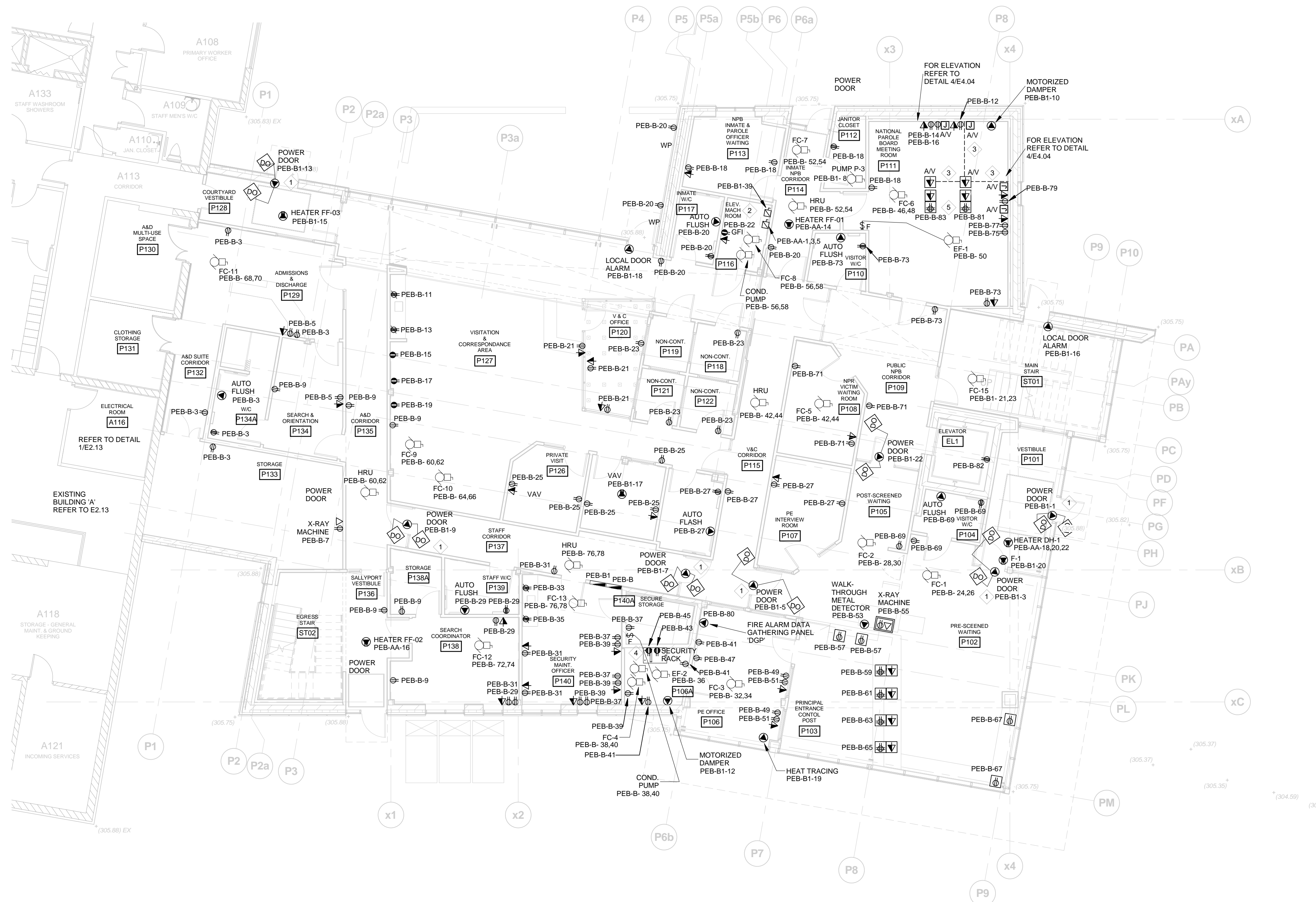
approved by  
approuvé par NA

bid  
offre RP project manager  
administrateur de projets

project date  
date du projet 2012-11-06

project no.  
no. du projet DIALOG NO. 09487T.02  
R.047995.001

drawing no.  
dessiné no. E2.11



### 1 POWER PLAN E2.11 1:100

#### GENERAL NOTE:

1. ALL WIRING TO BE IN EMT CONDUIT UNLESS OTHERWISE DENOTED. PROVIDE SEPARATE CONDUITS FOR POWER AND COMMUNICATION FLOOR MONUMENTS THROUGH THE FLOOR TRENCH TO THE NEAREST FULL HEIGHT PARTITION. SIZE TO SUIT THE APPLICATION.
2. PROVIDE SEPARATE NEUTRAL AND SEPARATE GROUND WIRES FOR EVERY CIRCUIT. PROVIDE GROUND AND NEUTRAL BUSSING IN PANELS AS REQUIRED.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DEVICE MOUNTING HEIGHTS AND LOCATIONS.
4. ELECTRICAL CONTRACTOR TO PROVIDE ALL COMMUNICATION CONDUITS TO IT ROOM A115 IN EXISTING BUILDING 'A' VIA ELECTRICAL ROOM A116. REFER TO DETAIL E6-01-4 FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE GROUND WIRES IN ALL CONDUITS.
6. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
7. ALL JUNCTION BOXES TO BE INSTALLED IN ACCESSIBLE CEILING SPACE. PROVIDE ACCESS PANELS WHERE REQUIRED.
8. PROVIDE BLANK COVER PLATES FOR ALL UNUSED BACK BOXES.
9. ALL RECEPTACLE TO BE WHITE DECORA TYPE C/W WHITE FACEPLATE UNLESS OTHERWISE NOTED.
10. JUNCTION BOXES FOR AUTO FLUSH SENSORS TO BE MOUNTED IN CEILING SPACE. COIL AND MAKE SAFE CIRCUITS FOR MECHANICAL CONTRACTOR'S USE.

#### KEYNOTE: #

1. PROVIDE ROUGH-IN C/W CONDUIT FROM HANDICAP PUSHBUTTONS TO DOOR OPERATOR. COORDINATE WITH ARCHITECTURAL AND EQUIPMENT INSTALLER FOR EXACT LOCATIONS AND REQUIREMENTS.
2. CONTRACTOR TO COORDINATE WITH ELEVATOR INSTALLER FOR LAYOUT AND REQUIREMENTS OF ELEVATOR AND MACHINE ROOM. PROVIDE 600V, 3P, 60A TYPE D FUSE/60A FRAME, HEAVY DUTY, LOCKABLE DISCONNECT C/W AUXILIARY CONTACTS WITH FEEDER BRANCH WIRING TO ELEVATOR CONTROLLER. PROVIDE 120V, 1P, 15A FUSED DISCONNECT C/W AUXILIARY CONTACTS WITH FEEDER BRANCH WIRING TO ELEVATOR CONTROLLER FOR CAB LIGHTING AND FAN.
3. PROVIDE 1-1/2" CONDUIT IN FLOOR TRENCH AND UP TO THE WALL MOUNTED BOX FOR A/V CABLES.
4. PROVIDE LIEBERT RACK MOUNTED UPS 'PS2200RT3-120XR', 2200VA, 120V C/W TWO EXTERNAL BATTERY CABINETS AND RACK RAIL KIT. BACKUP TIME AT FULL LOAD IS 20 MINUTES. INPUT NEMA 5-20P. OUTPUT (4) NEMA 5-15R AND (2) NEMA 5-20RA. UPS TO BE COMPLETE WIT SERIAL AND CONTACT CLOSURE COMMUNICATION OPTION.
5. ALL FLOOR MONUMENTS IN THE REFERENCED ROOM TO BE RECESSED MOUNTED. REFER TO DETAIL 7/E6-01.