

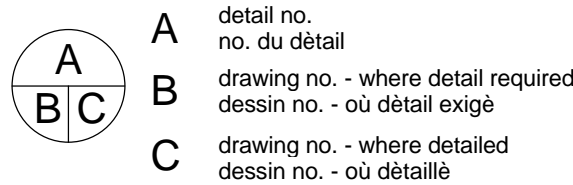
| Branch Panel: PEB-B | | | | | | | | | | | | | |
|-------------------------------|---------------------|------|-------|----------------|--------|--------------------|--------|------------------|--------|-----------------------------|------|--------------------------------|-----|
| Location: STAFF CORRIDOR P137 | | | | | | Volts: 120/208 Wye | | | | A.I.C. Rating: | | | |
| Supply From: | | | | | | Phases: 3 | | | | Mains Type: | | | |
| Mounting: Surface | | | | | | Wires: 4 | | | | Mains Rating: 225 A | | | |
| Enclosure: Type 1 | | | | | | | | | | MCB Rating: 150 A | | | |
| Notes: | | | | | | | | | | | | | |
| CKT | Circuit Description | Trip | Poles | A | | B | | C | | Poles | Trip | Circuit Description | CKT |
| 1 | | 15 A | 1 | 100 VA | 510 VA | | | | | 1 | 20 A | Lighting | 2 |
| 3 | Receptacle | 15 A | 1 | | | 1100 | 0 VA | | | 1 | 0 A | Spare | 4 |
| 5 | Receptacle | 15 A | 1 | | | | | 400 VA | 0 VA | 1 | 0 A | Spare | 6 |
| 7 | X-ray | 15 A | 1 | 200 VA | 0 VA | | | | | 1 | 0 A | Spare | 8 |
| 9 | Receptacle | 15 A | 1 | | | 1200 | 0 VA | | | 1 | 0 A | Spare | 10 |
| 11 | Counter Receptacle | 20 A | 1 | | | | | 200 VA | 1000 | 1 | 15 A | Receptacle | 12 |
| 13 | Counter Receptacle | 20 A | 1 | 200 VA | 200 VA | | | | | 1 | 15 A | Receptacle | 14 |
| 15 | Vending Machine | 20 A | 1 | | | 1000 | 200 VA | | | 1 | 15 A | Receptacle | 16 |
| 17 | Vending Machine | 20 A | 1 | | | | | 1000 | 800 VA | 1 | 15 A | Receptacle | 18 |
| 19 | Vending Machine | 20 A | 1 | 1000 | 1100 | | | | | 1 | 15 A | Receptacle | 20 |
| 21 | Receptacle | 15 A | 1 | | | 600 VA | 1000 | | | 1 | 15 A | Receptacle | 22 |
| 23 | Receptacle | 15 A | 1 | | | | | 1000 | 225 VA | 2 | 15 A | FC-1 | 24 |
| 25 | Receptacle | 15 A | 1 | 1000 | 225 VA | | | | | -- | -- | -- | 26 |
| 27 | Receptacle | 15 A | 1 | | | 900 VA | 75 VA | | | 2 | 15 A | FC-2 | 28 |
| 29 | Receptacle | 15 A | 1 | | | | | 700 VA | 75 VA | -- | -- | -- | 30 |
| 31 | Receptacle | 15 A | 1 | 800 VA | 75 VA | | | | | 2 | 15 A | FC-3 | 32 |
| 33 | Counter Receptacle | 20 A | 1 | | | 800 VA | 75 VA | | | -- | -- | -- | 34 |
| 35 | Counter Receptacle | 20 A | 1 | | | | | 800 VA | 100 VA | 1 | 15 A | EF-2 | 36 |
| 37 | Receptacle | 15 A | 1 | 800 VA | 95 VA | | | | | 2 | 15 A | FC-4 | 38 |
| 39 | Receptacle | 15 A | 1 | | | 800 VA | 95 VA | | | -- | -- | -- | 40 |
| 41 | Receptacle | 15 A | 1 | | | | | 600 VA | 95 VA | 2 | 15 A | FC-5 | 42 |
| 43 | Security Rack | 20 A | 1 | 1000 | 95 VA | | | | | -- | -- | -- | 44 |
| 45 | Security Rack | 20 A | 1 | | | 1000 | 75 VA | | | 2 | 15 A | FC-6 | 46 |
| 47 | Receptacle | 15 A | 1 | | | | | 200 VA | 75 VA | -- | -- | -- | 48 |
| 49 | Receptacle | 15 A | 1 | 400 VA | 100 VA | | | | | 1 | 15 A | EF-1 | 50 |
| 51 | Receptacle | 15 A | 1 | | | 400 VA | 95 VA | | | 2 | 15 A | FC-7 | 52 |
| 53 | Metal Detector | 15 A | 1 | | | | | 300 VA | 95 VA | -- | -- | -- | 54 |
| 55 | X-Ray | 15 A | 1 | 200 VA | 150 VA | | | | | 2 | 15 A | FC-8 | 56 |
| 57 | Floor Monument | 15 A | 1 | | | 400 VA | 150 VA | | | -- | -- | -- | 58 |
| 59 | Floor Monument | 15 A | 1 | | | | | 200 VA | 95 VA | 2 | 15 A | FC-9 | 60 |
| 61 | Floor Monument | 15 A | 1 | 200 VA | 95 VA | | | | | -- | -- | -- | 62 |
| 63 | Floor Monument | 15 A | 1 | | | 200 VA | 75 VA | | | 2 | 15 A | FC-10 | 64 |
| 65 | Floor Monument | 15 A | 1 | | | | | 200 VA | 75 VA | -- | -- | -- | 66 |
| 67 | Floor Monument | 15 A | 1 | 400 VA | 75 VA | | | | | 2 | 15 A | FC-11 | 68 |
| 69 | Receptacle | 15 A | 1 | | | 700 VA | 75 VA | | | -- | -- | -- | 70 |
| 71 | Receptacle | 15 A | 1 | | | | | 600 VA | 75 VA | 2 | 15 A | FC-12 | 72 |
| 73 | Receptacle | 15 A | 1 | 1500 | 75 VA | | | | | -- | -- | -- | 74 |
| 75 | Receptacle | 15 A | 1 | | | 200 VA | 120 VA | | | 2 | 15 A | FC-13 | 76 |
| 77 | Receptacle | 15 A | 1 | | | | | 200 VA | 120 VA | -- | -- | -- | 78 |
| 79 | Receptacle | 15 A | 1 | 1000 | 100 VA | | | | | 1 | 15 A | FIRE ALARM CONTROL/ANNUNCIATOR | 80 |
| 81 | Floor Monument | 15 A | 1 | | | 200 VA | 200 VA | | | 1 | 15 A | Elevator Pit Receptacle | 82 |
| 83 | Floor Monument | 15 A | 1 | | | | | 200 VA | 0 VA | 1 | 0 A | Spare | 84 |
| Total Load: | | | | 11695 VA | | 11735 VA | | 9430 VA | | | | | |
| Total Amps: | | | | 100 A | | 101 A | | 79 A | | | | | |
| Legend: | | | | | | | | | | | | | |
| Load Classification | | | | Connected Load | | Demand Factor | | Estimated Demand | | Panel Totals | | | |
| Motor | | | | 1100 VA | | 70.00% | | 770 VA | | | | | |
| Other | | | | 5460 VA | | 100.00% | | 5460 VA | | Total Conn. Load: 32760 VA | | | |
| Receptacle | | | | 26200 VA | | 50.00% | | 13100 VA | | Total Est. Demand: 19330 VA | | | |
| | | | | | | | | | | Total Conn.: 91 A | | | |
| | | | | | | | | | | Total Est. Demand: 54 A | | | |
| Notes: | | | | | | | | | | | | | |

| Branch Panel: PEB-B1- | | | | | | | | | | | | | |
|-------------------------------|-------------------------------|----------------|-------|--------------------|--------|------------------|--------|----------------------------|--------|-------|------|---------------------|-----|
| Location: STAFF CORRIDOR P137 | | | | Volts: 120/208 Wye | | | | A.I.C. Rating: | | | | | |
| Supply From: | | | | Phases: 3 | | | | Mains Type: | | | | | |
| Mounting: Surface | | | | Wires: 4 | | | | Mains Rating: 225 A | | | | | |
| Enclosure: Type 1 | | | | | | | | MCB Rating: | | | | | |
| Notes: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| CKT | Circuit Description | Trip | Poles | A | | B | | C | | Poles | Trip | Circuit Description | CKT |
| 1 | POWER DOOR | 15 A | 1 | 100 VA | 100 VA | | | | | 1 | 15 A | Outdoor CCTV camera | 2 |
| 3 | POWER DOOR | 15 A | 1 | | | 100 VA | 100 VA | | | 1 | 15 A | Outdoor CCTV camera | 4 |
| 5 | POWER DOOR | 15 A | 1 | | | | | 100 VA | 100 VA | 1 | 15 A | Intercom | 6 |
| 7 | POWER DOOR | 15 A | 1 | 100 VA | 1400 | | | | | 1 | 20 A | Sump Pump P-3 | 8 |
| 9 | POWER DOOR | 15 A | 1 | | | 100 VA | 100 VA | | | 1 | 15 A | Motorized damper | 10 |
| 11 | | | | | | | | 100 VA | | 1 | 15 A | Motorized Damper | 12 |
| 13 | POWER DOOR | 15 A | 1 | 100 VA | | | | | | | | | 14 |
| 15 | FFH-03 | 15 A | 1 | | | 100 VA | 100 VA | | | 1 | 15 A | Local Door Alarm | 16 |
| 17 | VAV | 15 A | 1 | | | | | 100 VA | 100 VA | 1 | 15 A | Local Door Alarm | 18 |
| 19 | HEAT TRACING | 15 A | 1 | 100 VA | 50 VA | | | | | 1 | 15 A | F-1 | 20 |
| 21 | FC-15 | 15 A | 2 | | | 35 VA | 100 VA | | | 1 | 20 A | POWER DOOR | 22 |
| 23 | -- | -- | -- | | | | | 35 VA | | | | | 24 |
| 25 | | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | | | 38 |
| 39 | ELEVATOR CAB LIGHTING AND FAN | 15 A | 1 | | | 0 VA | | | | | | | 40 |
| 41 | | | | | | | | | | | | | 42 |
| Total Load: | | | | 1950 VA | | 735 VA | | 535 VA | | | | | |
| Total Amps: | | | | 17 A | | 6 A | | 4 A | | | | | |
| Legend: | | | | | | | | | | | | | |
| Load Classification | | Connected Load | | Demand Factor | | Estimated Demand | | Panel Totals | | | | | |
| Motor | | 1400 VA | | 70.00% | | 980 VA | | | | | | | |
| Other | | 1820 VA | | 100.00% | | 1820 VA | | | | | | | |
| | | | | | | | | Total Conn. Load: 3220 VA | | | | | |
| | | | | | | | | Total Est. Demand: 2800 VA | | | | | |
| | | | | | | | | Total Conn.: 9 A | | | | | |
| | | | | | | | | Total Est. Demand: 8 A | | | | | |
| | | | | | | | | | | | | | |
| Notes: | | | | | | | | | | | | | |



| | | |
|----------|----------------|------------|
| 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



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

PANEL SCHEDULES

| | | |
|-----------------------------|----|--|
| drawn by dessine par | OS | |
| designed by conc par | OS | |
| approved by approuve 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. dessine no. | E5.03 |