

1 21ST FLOOR - POWER AND SYSTEMS
E-9 1:100

GENERAL NOTES:

1. PROVIDE SOUND MASKING THROUGHOUT AREA OF WORK. REFER TO SPECIFICATIONS. INDICATE LOCATIONS ON AS-BUILT DRAWINGS. CONFIRM ACTUAL POWER REQUIREMENTS WITH SOUND MASKING VENDOR. PROVIDE CIRCUITS TO SUIT IN LOCAL ELECTRICAL PANEL WHICH SERVES THE AREA.

DRAWING NOTES:

1. PROVIDE CORE DRILLS FOR POWER CONNECTION TO RECEPTACLES. PROVIDE BX CABLING IN MILLWORK AND STRAP NEATLY TO MILLWORK IN A HIDDEN LOCATION. CONFIRM EXACT ROUTING ON SITE.
2. CONNECT EXHAUST FAN TO LOCAL CO2 SENSOR. COORDINATE WITH MECHANICAL CONTRACTOR.
3. INSTALL DEVICE WITHIN MILLWORK.

PANEL 21EC (NEW)

| 72 CIRCUITS | 120/208V | | | 3 PH | 4 W | 225 MAINS | | | SURFACE MOUNTED |
|-------------------------|----------|----|---|------|-----|-----------|---|----|-----------------------------|
| | A | B | C | | | A | B | C | |
| FRIDGE | 15 | 1 | 1 | | | | | 2 | 15 DOOR OP. |
| FRIDGE | 15 | 3 | 1 | | | | | 4 | 15 F-21-4 |
| COUNTER GFI REC. | 20 | 9 | 1 | | | | | 4 | 15 FLOOR MONUMENTS |
| COUNTER GFI REC. | 20 | 7 | 1 | | | | | 8 | 15 KITCHEN/MEETING ROOM |
| COUNTER GFI REC. | 20 | 9 | 1 | | | | | 10 | 15 F-21-5 |
| COUNTER GFI REC. | 20 | 11 | 1 | | | | | 12 | 15 MEETING/QUIET ROOM RECS. |
| SPARE | 20 | 13 | 1 | | | | | 14 | 15 QUIET ROOM RECS. |
| KITCHEN ISLAND REC. | 15 | 15 | 1 | | | | | 16 | 15 PHONE BOOTH/THERMETER |
| KITCHEN PERMETER RECS. | 15 | 17 | 1 | | | | | 18 | 15 WORKSTATIONS |
| F-21-3 | 15 | 19 | 1 | | | | | 20 | 15 WORKSTATIONS |
| F-21-2 | 15 | 21 | 1 | | | | | 22 | 15 WORKSTATIONS |
| FLOOR MONUMENTS | 15 | 23 | 1 | | | | | 24 | 15 WORKSTATIONS |
| MEETING ROOM RECS. | 15 | 25 | 1 | | | | | 26 | 15 WORKSTATIONS |
| QUIET ROOM RECS. | 15 | 27 | 1 | | | | | 28 | 15 WORKSTATIONS |
| COUNTER RECS. | 15 | 29 | 1 | | | | | 30 | 15 WORKSTATIONS |
| PRINTER | 20 | 31 | 1 | | | | | 32 | 15 WORKSTATIONS |
| WORKSTATION/COLLAB AREA | 15 | 33 | 1 | | | | | 34 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 35 | 1 | | | | | 36 | 15 WORKSTATION/COLLAB AREA |
| WORKSTATIONS | 15 | 37 | 1 | | | | | 38 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 39 | 1 | | | | | 40 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 41 | 1 | | | | | 42 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 43 | 1 | | | | | 44 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 45 | 1 | | | | | 46 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 47 | 1 | | | | | 48 | 15 WORKSTATIONS |
| QUIET ROOM RECS. | 15 | 49 | 1 | | | | | 50 | 15 QUIET ROOM RECS. |
| QUIET ROOM RECS. | 15 | 51 | 1 | | | | | 52 | 15 QUIET ROOM RECS. |
| 120V LIGHTING | 15 | 53 | 1 | | | | | 54 | 15 COUNTER RECS. |
| 120V LIGHTING | 15 | 55 | 1 | | | | | 56 | 20 PRINTER |
| 120V LIGHTING | 15 | 57 | 1 | | | | | 58 | 15 CORE RECS. |
| SPARE | 15 | 59 | 1 | | | | | 60 | 15 SPARE |
| SPARE | 15 | 61 | 1 | | | | | 62 | 15 SPARE |
| SPARE | 15 | 63 | 1 | | | | | 64 | 15 SPARE |
| SPARE | 15 | 65 | 1 | | | | | 66 | 15 SPARE |
| SPARE | 15 | 67 | 1 | | | | | 68 | 15 SPARE |
| SPARE | 15 | 69 | 1 | | | | | 70 | 15 SPARE |
| SPARE | 15 | 71 | 1 | | | | | 72 | 15 SPARE |

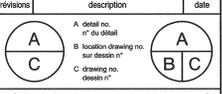
PANEL 21ED (NEW)

| 72 CIRCUITS | 120/208V | | | 3 PH | 4 W | 225 MAINS | | | SURFACE MOUNTED |
|-------------------------|----------|----|---|------|-----|-----------|---|----|----------------------------|
| | A | B | C | | | A | B | C | |
| QUIET ROOM RECS. | 15 | 1 | 1 | | | | | 2 | 15 QUIET ROOM RECS. |
| QUIET ROOM RECS. | 15 | 3 | 1 | | | | | 4 | 15 QUIET ROOM RECS. |
| QUIET ROOM RECS. | 15 | 5 | 1 | | | | | 8 | 15 QUIET ROOM RECS. |
| QUIET ROOM RECS. | 15 | 7 | 1 | | | | | 8 | 15 COUNTER REC. |
| WORKSTATION RECS. | 15 | 9 | 1 | | | | | 10 | 20 PRINTER |
| WORKSTATIONS | 15 | 11 | 1 | | | | | 12 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 13 | 1 | | | | | 14 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 15 | 1 | | | | | 16 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 17 | 1 | | | | | 18 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 19 | 1 | | | | | 20 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 21 | 1 | | | | | 22 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 23 | 1 | | | | | 24 | 15 WORKSTATIONS |
| WORKSTATION/COLLAB AREA | 15 | 25 | 1 | | | | | 26 | 15 WORKSTATION/COLLAB AREA |
| WORKSTATIONS | 15 | 27 | 1 | | | | | 28 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 29 | 1 | | | | | 30 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 31 | 1 | | | | | 32 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 33 | 1 | | | | | 34 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 35 | 1 | | | | | 36 | 15 QUIET ROOM RECS. |
| WORKSTATIONS | 15 | 37 | 1 | | | | | 38 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 39 | 1 | | | | | 40 | 15 WORKSTATIONS |
| WORKSTATIONS | 15 | 41 | 1 | | | | | 42 | 15 QUIET ROOM RECS. |
| WORKSTATIONS | 15 | 43 | 1 | | | | | 44 | 15 MEETING ROOM RECS. |
| WORKSTATIONS | 15 | 45 | 1 | | | | | 46 | 15 F-21-1 |
| WORKSTATIONS | 15 | 47 | 1 | | | | | 48 | 15 TREADMILL |
| QUIET ROOM RECS. | 15 | 49 | 1 | | | | | 50 | 15 TREADMILL |
| QUIET ROOM RECS. | 15 | 51 | 1 | | | | | 52 | 20 CONNECTRAC |
| QUIET ROOM RECS. | 15 | 53 | 1 | | | | | 54 | 15 120V LIGHTING |
| DOOR OP. | 15 | 57 | 1 | | | | | 56 | 20 LAN ROOM 5-20R |
| CORE RECS. | 15 | 59 | 1 | | | | | 60 | 20 LAN ROOM 5-20R |
| SPARE | 15 | 61 | 1 | | | | | 62 | 15 SPARE |
| SPARE | 15 | 63 | 1 | | | | | 64 | 15 SPARE |
| SPARE | 15 | 65 | 1 | | | | | 66 | 15 SPARE |
| SPARE | 15 | 67 | 1 | | | | | 68 | 15 SPARE |
| SPARE | 15 | 69 | 1 | | | | | 70 | 15 SPARE |
| SPARE | 15 | 71 | 1 | | | | | 72 | 20 HOUSEKEEPING |



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

| revisions | description | date |
|-----------|------------------------------|------------|
| 03 | Issued for Tender | 2018-01-15 |
| 02 | Issued for 95% Client Review | 2018-01-18 |
| 01 | Issued for 65% Client Review | 2018-01-11 |



project
Generic Swing Space at LEL West Tower

300 Laurier West, Ottawa, ON

drawing
**ELECTRICAL:
21ST FLOOR - POWER AND SYSTEMS**

| | | | |
|-----------------|--------------|---------------------------|-------------|
| Designed By | C.J. | Conçu par | C.J. |
| Date | 2018-02-09 | Date | 2018-02-09 |
| Drawn By | C.J. | Dessiné par | C.J. |
| Date | 2018-02-09 | Date | 2018-02-09 |
| Reviewed By | B.T. | Examiné par | B.T. |
| Date | 2018-02-09 | Date | 2018-02-09 |
| Approved By | B.T. | Approuvé par | B.T. |
| Date | 2018-02-09 | Date | 2018-02-09 |
| Tender | | Submission | |
| Project Manager | Brent Cheff | Administrateur de projets | Brent Cheff |
| Project no. | | N° du projet | |
| | R.088901.013 | | |
| Drawing no. | | N° du dessin | |
| | E-9 | | |