





| Power Source: XFMR-LP-H31 | | LP-H31 | | Location: EL. ROOM No.2-3rd FLOOR | | | | | | |
|-----------------------------|------|--------|-----|-----------------------------------|---|---|-----|--------|------|--------------------------|
| Feeder: 4/C #250MCM | | | | Voltage: 208/120V, 4 wire | | | | | | |
| Main Breaker: 250 A | | | | Mounting: WALL | | | | | | |
| Mains: 400 A | | | | | | | | | | |
| DESCRIPTION | LOAD | BKR | CCT | A | B | C | CCT | BKR | LOAD | DESCRIPTION |
| LTS:FILTER 3rd WEST | 1.40 | 15A,1P | 1 | * | | | 2 | 15A,1P | 1.10 | LTS:FILTER 3rd WEST |
| LTS:FILTER 3rd CENTRE | 1.10 | 15A,1P | 3 | * | | | 4 | 15A,1P | 1.10 | LTS:FILTER 3rd EAST |
| LTS:FILTER 3rd EAST | 1.10 | 15A,1P | 5 | * | | | 6 | 15A,1P | 1.10 | LTS:FILTER 3rd SOUTH |
| LTS:FILTER No1,2 NORTH | 1.00 | 20A,2P | 7 | * | | | 8 | 20A,2P | 1.00 | LTS:FILTER No1,2 SOUTH |
| LTS:FILTER No1,2 NORTH | 1.00 | | 9 | * | | | 10 | | 1.00 | LTS:FILTER No1,2 SOUTH |
| LTS:FILTER No3,4 NORTH | 1.00 | 20A,2P | 11 | * | | | 12 | 20A,2P | 1.00 | LTS:FILTER No3,4 SOUTH |
| LTS:FILTER No3,4 NORTH | 1.00 | | 13 | * | | | 14 | | 1.00 | LTS:FILTER No3,4 SOUTH |
| LTS:FILTER No5,6 NORTH | 1.00 | 20A,2P | 15 | * | | | 16 | 20A,2P | 1.00 | LTS:FILTER No5,6 SOUTH |
| LTS:FILTER No5,6 NORTH | 1.00 | | 17 | * | | | 18 | | 1.00 | LTS:FILTER No5,6 SOUTH |
| LTS:FILTER No7,8 NORTH | 1.00 | 20A,2P | 19 | * | | | 20 | 20A,2P | 1.00 | LTS:FILTER No7,8 SOUTH |
| LTS:FILTER No7,8 NORTH | 1.00 | | 21 | * | | | 22 | | 1.00 | LTS:FILTER No7,8 SOUTH |
| REC:FILTER 3rd | 0.60 | 20A,1P | 23 | * | | | 24 | 15A,1P | 0.60 | REC:3rd FILTER |
| LTS:FILTER GALLERY | 0.51 | 20A,1P | 25 | * | | | 26 | 15A,1P | 0.02 | GUH-H022 |
| EF-H041 | 0.20 | 15A,1P | 27 | * | | | 28 | 15A,1P | 0.02 | GUH-H035 |
| GUH-H034 | 0.02 | 15A,1P | 29 | * | | | 30 | 15A,1P | 0.18 | EF-H043 ROOF-GFI |
| LTS:3rd EAST 24/7+EXIT+EMER | 0.50 | 20A,1P | 31 | * | | | 32 | 20A,1P | 0.90 | LTS:BLOWER AND COMP.ROOM |
| LTS:CORRIDOR | 0.38 | 15A,1P | 33 | * | | | 34 | 20A,1P | 1.34 | LTS:EL.ROOM No.2 |
| REC.COR+BLOW+EL.ROOM | 0.90 | 15A,1P | 35 | * | | | 36 | 20A,1P | 1.41 | LTS:MECH.ROOM No.3 |
| REC.COR+BLOW+EL.ROOM | 0.60 | 15A,1P | 37 | * | | | 38 | 20A,1P | 1.34 | LTS:MECH.ROOM No.3 |
| REC.MECH.ROOM No.3 | 0.13 | 15A,1P | 39 | * | | | 40 | 15A,1P | 0.07 | LTS:ROOF-GFI |
| REC.MECH.ROOM No.3 | 0.13 | 15A,1P | 41 | * | | | 42 | 20A,1P | 0.18 | REC:ROOF-GFI |
| EC-H021 | 1.00 | 15A,1P | 43 | * | | | 44 | 15A,1P | 1.00 | EC-H041, EC-H042 |
| EF-H006 | 0.02 | 15A,1P | 45 | * | | | 46 | 15A,1P | 1.00 | EC-H043 |
| GUH-H001 | 0.02 | 15A,1P | 47 | * | | | 48 | 15A,2P | 1.90 | HP-H046 |
| GUH-H002 | 0.02 | 15A,1P | 49 | * | | | 50 | | 1.90 | |
| GUH-H003 | 0.02 | 15A,1P | 51 | * | | | 52 | 30A,2P | 2.00 | HP-H045 |
| SPARE | 0.00 | 15A,1P | 53 | * | | | 54 | | 2.00 | |
| SPARE | 0.00 | 20A,1P | 55 | * | | | 56 | | 5.00 | |
| SPARE | 0.00 | 15A,1P | 57 | * | | | 58 | 60A,3P | 5.00 | 3RD FLOOR UPS |
| SPACE | | | 59 | * | | | 60 | | 5.00 | UPS-31 |
| SPACE | | | 61 | * | | | 62 | 15A,1P | 0.10 | LCP-F010B |
| SPACE | | | 63 | * | | | 64 | 15A,1P | 0.10 | LCP-F020B |
| SPACE | | | 65 | * | | | 66 | 30A,1P | | CP-H30 |
| SPACE | | | 67 | * | | | 68 | 30A,1P | | CP-H30A |
| SPACE | | | 69 | * | | | 70 | 30A,1P | | HCP-H030 |
| SPACE | | | 71 | * | | | 72 | 30A,1P | | HCP-H030A |
| SPACE | | | 73 | * | | | 74 | 30A,1P | | CP-O30 |
| SPACE | | | 75 | * | | | 76 | 30A,1P | | CP-O30A |
| SPACE | | | 77 | * | | | 78 | 30A,1P | | CP-H32 |
| SPACE | | | 79 | * | | | 80 | | | SPACE |
| SPACE | | | 81 | * | | | 82 | | | SPACE |
| SPACE | | | 83 | * | | | 84 | | | SPACE |

Phase A Total 21.39 kW Panel Total 59.01 kW
 Phase B Total 18.49 kW
 Phase C Total 19.14 kW

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|---|---|--|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|------------------------------|
|  Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006 | B.M. ELEV. <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> | | | | | | | | | | | | | | | | |  Frederickson Cooper ARCHITECTS |  A 100 International Ltd. Company | ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29 |  THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE | CITY FILE NUMBER SHEET OF |
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| CONSULTANT DRAWING NO. WB-E0534 | CITY DRAWING NUMBER 1-0601B-D-E0534-001-000 | | | | | | | | | | | | | | | | | | | | | |
| 00 ISSUED FOR TENDER 06/03/29 LL | | DESIGNED BY PF CHECKED BY ND DRAWN BY YFS APPROVED BY AHL SCALE: NTS RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI | DATE 2005/06/29 DATE 2006/03/29 | | | | | | | | | | | | | | | | | | | |