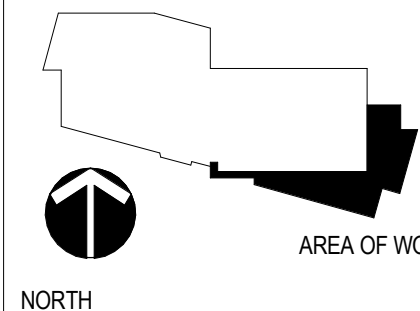


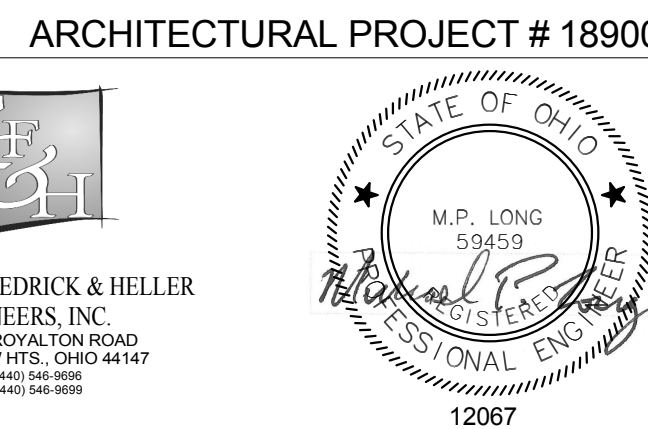
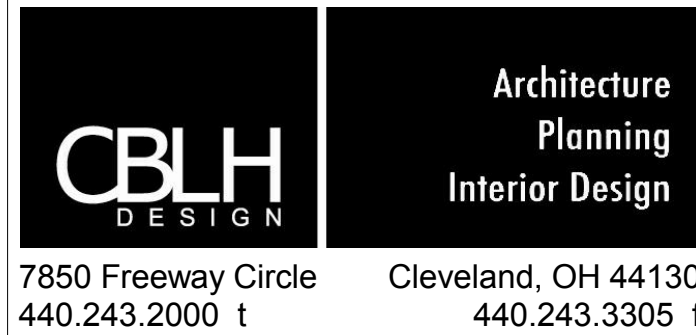
| | |
|----------------------|----------|
| AMENDMENT A00004 | 09/02/14 |
| BID AND CONSTRUCTION | 04/25/14 |
| Revisions | Date |

CONSULTANTS:

KEY PLAN



ARCHITECTS/ENGINEERS:



Drawing Title

PANELBOARD SCHEDULES (2 OF 2)

Approved: Project Director

Project Title
Columbus VA Medical Center
CHALMERS P. WYLIE ACC BUILD
SPECIALTY CARE CENTER

Location
420 N. JAMES ROAD, COLUMBUS, OH 43219

Date
04/25/14

Checked
MPL

Drawn
CPC

Project Number

757-200

Building Number

1

Drawing Number

E7.6

Dwg. 141 of 159

Office of
Construction
and Facilities
Management



F1NA-480/277 Wye-3Φ-4W

Location: ELEC 1B608 OCP: 800 A
Mounting: Surface Main: Main Circuit Breaker
Comments: New Panelboard A.L.C Rating: 35KAIC

| CKT | Circuit Description | Trip | Poles | A (KVA) | B (KVA) | C (KVA) | Poles | Trip | Circuit Description | CKT | |
|------------------------|----------------------|-------|-------|----------|----------|----------|-------|-------|---------------------|-------|----|
| 1 | Lighting | 20 A | 1 | 1.2 | 0.0 | | 1 | 20 A | Spare | 2 | |
| 3 | Ltg - South Addition | 20 A | 1 | | 2.1 | 0.0 | 1 | 20 A | Spare | 4 | |
| 5 | Ltg - East Addition | 20 A | 1 | | | 1.5 | 0.0 | 1 | 20 A | Spare | 6 |
| 7 | Ltg - Addition Corr. | 20 A | 1 | 1.5 | 0.0 | | 1 | 20 A | Spare | 8 | |
| 9 | Ltg - Shell Spaces | 20 A | 1 | | 1.6 | 0.0 | 1 | 20 A | Spare | 10 | |
| 11 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 12 |
| 13 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 14 |
| 15 | Spare | 20 A | 1 | | 0.0 | 0.0 | 1 | 20 A | Spare | 16 | |
| 17 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 18 |
| 19 | Spare | 20 A | 1 | 0.0 | 0.0 | | 1 | 20 A | Spare | 20 | |
| 21 | Spare | 20 A | 1 | | 0.0 | 0.0 | 1 | 20 A | Spare | 22 | |
| 23 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 24 |
| 25 | Spare | 20 A | 1 | 0.0 | 0.0 | | 1 | 20 A | Spare | 26 | |
| 27 | Spare | 20 A | 1 | | 0.0 | 0.0 | 1 | 20 A | Spare | 28 | |
| 29 | Spare | 2 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 30 |
| 31 | Hot Water Pump | 15 A | 3 | 0.6 | 6.7 | | 3 | 30 A | Air Curtain | 32 | |
| 33 | -- | -- | -- | | 0.6 | 6.7 | -- | -- | -- | 34 | |
| 35 | -- | -- | -- | | | 0.6 | 6.7 | -- | -- | 36 | |
| 37 | TR-F1N1 | 125 A | 3 | 35.4 | 18.9 | | 3 | 100 A | AHU-12 | 38 | |
| 39 | -- | -- | -- | | 32.4 | 18.9 | -- | -- | -- | 40 | |
| 41 | -- | -- | -- | | | 30.1 | 18.9 | -- | -- | 42 | |
| Total New Load: | | | | 64.3 KVA | 62.3 KVA | 57.8 KVA | | | | | |
| Total New Amps: | | | | 234 A | 227 A | 209 A | | | | | |
| Total New Demand Amps: | | | | 182 A | | | | | | | |

F1N1-120/208 Wye-3Φ-4W

Location: ELEC 1B608 OCP: 225 A
Mounting: Surface Main: Main Circuit Breaker
Comments: New Panelboard A.L.C Rating: 35KAIC

| CKT | Circuit Description | Trip | Poles | A (KVA) | B (KVA) | C (KVA) | Poles | Trip | Circuit Description | CKT | |
|------------------------|---------------------|-------|-------|----------|----------|----------|-------|-------------------------|---------------------|---------------------|----|
| 1 | Rec - 1B625 | 20 A | 1 | 0.5 | 1.4 | | 1 | 20 A | Rec - 646, 647, 648 | 2 | |
| 3 | Rec - 1B625 | 20 A | 1 | | 0.7 | 1.6 | 1 | 20 A | Rec - 646, 647, 648 | 4 | |
| 5 | Rec - 1B640, 1B625 | 20 A | 1 | | | 1.1 | 1.1 | 1 | 20 A | Rec - 611, 643, 645 | 6 |
| 7 | Rec - 1B641 | 20 A | 1 | 1.3 | 1.3 | | 1 | 20 A | Rec - 1B643, 1B645 | 8 | |
| 9 | Rec - 1B640, 1B641 | 20 A | 1 | | 0.9 | 0.9 | 1 | 20 A | Rec - 611, 603, 605 | 10 | |
| 11 | Rec - 1B642, 1B644 | 20 A | 1 | | | 1.1 | 2.2 | 1 | Hand Dryer - 1B604 | 12 | |
| 13 | Rec - 1B642, 1B644 | 20 A | 1 | 1.1 | 2.2 | | 1 | Hand Hand Dryer - 1B603 | 14 | | |
| 15 | Microwave - 1B605 | 20 A | 1 | | 1.5 | 0.4 | | 20 A | Water Cool - 1B600 | 16 | |
| 17 | Rec - 1B605 | 20 A | 1 | | | 0.7 | 1.4 | 1 | 20 A | Rec - 1B600, 1B610 | 18 |
| 19 | Ice - 1B605 | 20 A | 1 | 1.5 | 0.3 | | 1 | 20 A | VAV - SOUTH AREA | 20 | |
| 21 | Rec - 1B607 | 20 A | 1 | | 0.5 | 0.4 | 1 | 20 A | VAV - EAST AREA | 22 | |
| 23 | Rec - 1B607 | 20 A | 1 | | | 0.2 | 1.2 | 1 | 20 A | TEF-6 | 24 |
| 25 | Rec - 1B606 | 20 A | 1 | 1.3 | 1.2 | | 1 | 20 A | GEF-6 | 26 | |
| 27 | Rec - 1B600, 1B606 | 20 A | 1 | | 0.7 | 1.2 | 1 | 20 A | TEF-6 | 28 | |
| 29 | Lighting Ctr. Phl | 20 A | 1 | | | 0.5 | 1.2 | 1 | 20 A | GEF-6 | 30 |
| 31 | Shade - 1B600 | 20 A | 1 | 0.8 | 1.2 | | 1 | 20 A | AHU-12 CONTROLS | 32 | |
| 33 | Roof LTG & Receipts | 20 A | 1 | | 0.9 | 0.9 | 1 | 20 A | Rec - Passage 611 | 34 | |
| 35 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 36 |
| 37 | FIN2 | 100 A | 3 | 9.0 | 12.4 | | 3 | 100 A | FIN3 | 38 | |
| 39 | -- | -- | -- | | 8.9 | 12.9 | -- | -- | -- | 40 | |
| 41 | -- | -- | -- | | | 8.7 | 10.9 | -- | -- | 42 | |
| Total New Load: | | | | 35.4 kVA | 32.4 kVA | 30.1 kVA | | | | | |
| Total New Amps: | | | | 298 A | 273 A | 251 A | | | | | |
| Total New Demand Amps: | | | | 167 A | | | | | | | |

F1N2-120/208 Wye-3Φ-4W

Location: ELEC 1B608 OCP: 100 A
Mounting: Surface Main: Main Lugs Only
Comments: New Panelboard A.L.C Rating: 22KAIC

| CKT | Circuit Description | Trip | Poles | A (KVA) | B (KVA) | C (KVA) | Poles | Trip | Circuit Description | CKT | |
|------------------------|-----------------------|------|-------|---------|---------|---------|-------|------|---------------------|---------------------|----|
| 1 | Rec - 1B614, 1B616 | 20 A | 1 | 1.3 | 0.8 | | 1 | 20 A | Audiology Booth-631 | 2 | |
| 3 | Bthrm Acc - 614, 616 | 20 A | 1 | | 1.4 | 0.8 | 1 | 20 A | Audiology Booth-632 | 4 | |
| 5 | BathAc-611, 614, 616 | 20 A | 1 | | | 1.2 | 0.8 | 1 | 20 A | Audiology Booth-633 | 6 |
| 7 | Rec - 1B620, 1B618 | 20 A | 1 | 1.4 | 0.8 | | 1 | 20 A | Audiology Booth-634 | 8 | |
| 9 | Rec - 1B618, 1B620 | 20 A | 1 | | 1.2 | 0.8 | 1 | 20 A | Audiology Booth-635 | 10 | |
| 11 | BathAc-611, 622, 624 | 20 A | 1 | | | 1.2 | 1.1 | 1 | 20 A | Rec - 1B315, 1B316 | 12 |
| 13 | BathAc-600, 622, 624 | 20 A | 1 | 1.4 | 1.3 | | 1 | 20 A | Rec - 315, 633, 634 | 14 | |
| 15 | Rec - 1B613, 1B610 | 20 A | 1 | | 1.4 | 1.3 | 1 | 20 A | Rec - 630, 634, 635 | 16 | |
| 17 | Rec - 619, 621, 623 | 20 A | 1 | | | 0.9 | 1.2 | 1 | 20 A | Rec - 600, 610, 612 | 18 |
| 19 | Rec - 1B617, 1B615 | 20 A | 1 | 1.1 | 0.0 | | 1 | 20 A | Spare | 20 | |
| 21 | Rec - Audiology Corr. | 20 A | 1 | | 1.3 | 0.0 | 1 | 20 A | Spare | 22 | |
| 23 | Rec - 1B631 - 1B633 | 20 A | 1 | | | 1.1 | 0.0 | 1 | 20 A | Spare | 24 |
| 25 | Rec - 617, 634, 635 | 20 A | 1 | 1.1 | 0.0 | | 1 | 20 A | Spare | 26 | |
| 27 | Shade - Waiting | 20 A | 1 | | 0.8 | 0.0 | 1 | 20 A | Spare | 28 | |
| 29 | Power Room 1B620 | 20 A | 1 | | | 1.3 | 0.0 | 1 | 20 A | Spare | 30 |
| 31 | Spare | 20 A | 1 | 0.0 | 0.0 | | 1 | 20 A | Spare | 32 | |
| 33 | Spare | 20 A | 1 | | 0.0 | 0.0 | 1 | 20 A | Spare | 34 | |
| 35 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 36 |
| 37 | Spare | 20 A | 1 | 0.0 | 0.0 | | 1 | 20 A | Spare | 38 | |
| 39 | Spare | 20 A | 1 | | 0.0 | 0.0 | 1 | 20 A | Spare | 40 | |
| 41 | Spare | 20 A | 1 | | | 0.0 | 0.0 | 1 | 20 A | Spare | 42 |
| Total New Load: | | | | 9 kVA | 8.9 kVA | 8.7 kVA | | | | | |
| Total New Amps: | | | | 75 A | 75 A | 72 A | | | | | |
| Total New Demand Amps: | | | | 57 A | | | | | | | |

F1N3-120/208 Wye-3Φ-4W

Location: ELEC 1B608 OCP: 100 A
Mounting: Surface Main: Main Lugs Only
Comments: New Panelboard A.L.C Rating: 22KAIC

| CKT | Circuit Description | Trip | Poles | A (KVA) | | | B (KVA) | | | C (KVA) | | | Poles | Trip | Circuit Description | CKT |
|------------------------|---------------------|------|-------|----------|----------|----------|---------|-----|-----|---------|-------------|----------------------|----------------------|-----------------|---------------------|-----|
| | | | | | | | | | | | | | | | | |
| 1 | Rec - 370, 373 | 20 A | 1 | 1.4 | 0.8 | | | | | | | 2 | 20 A | Printer - 1B685 | 2 | |
| 3 | Rec - 367, 370, 396 | 20 A | 1 | | | 1.3 | 0.8 | | | | | - | - | - | 4 | |
| 5 | Rec - 396, 367, 370 | 20 A | 1 | | | | | 1.4 | 0.7 | 1 | 20 A | Printer Acc. - 1B685 | 6 | | 6 | |
| 7 | Rec - 397, 405 | 20 A | 1 | 1.3 | 1.2 | | | | | | 1 | 20 A | Printer - 1B685 | 8 | | |
| 9 | Rec - 373 | 20 A | 1 | | | 0.9 | 0.5 | | | | 1 | 20 A | Printer Acc. - 1B685 | 10 | | |
| 11 | Rec - 673, 672, 674 | 20 A | 1 | | | | | 1.3 | 0.4 | 1 | 20 A | Rec - 1B685 | 12 | | 12 | |
| 13 | Rec - 675, 672, 674 | 20 A | 1 | 1.1 | 0.5 | | | | | | 1 | 20 A | Rec - 1B685 | 14 | | |
| 15 | Rec - 659, 671, 677 | 20 A | 1 | | | 1.3 | 0.4 | | | | | | 20 A | Rec - 1B685 | 16 | |
| 17 | Rec - 650, 680, 681 | 20 A | 1 | | | | | 1.1 | 0.4 | 1 | 20 A | Rec - 1B685 | 18 | | 18 | |
| 19 | Rec - 676, 392, 678 | 20 A | 1 | | 1.3 | 0.7 | | | | | 1 | 20 A | Rec - 1B685 | 20 | | |
| 21 | Rec - 1B677 | 20 A | 1 | | | 0.4 | 0.4 | | | | 1 | 20 A | Rec - 1B670 | 22 | | |
| 23 | TV - 1B677 | 20 A | 1 | | | | | 0.9 | 1.3 | 1 | 20 A | Rec - 636, 652, 654 | 24 | | 24 | |
| 25 | Rec - 1B677 | 20 A | 1 | 0.7 | 1.1 | | | | | | 1 | 20 A | Rec - 650, 654, 656 | 26 | | |
| 27 | Rec - 600, 655, 657 | 20 A | 1 | | | 1.1 | 2.4 | | | | 1 | 20 A | Rec - 650, 652, 653 | 28 | | |
| 29 | Rec - 1B660, 1B661 | 20 A | 1 | | | 1.3 | 1.1 | 1 | 1 | 20 A | Rec - 1B653 | 30 | | | 30 | |
| 31 | Rec - 1B660, 1B661 | 20 A | 1 | 1.3 | 1.1 | | | | | | 1 | 20 A | Rec-Pulmonary Corr. | 32 | | |
| 33 | Rec - 659, 662, 663 | 20 A | 1 | | | 1.1 | 1.4 | | | | 1 | 20 A | Rec - Surg. Storage | 34 | | |
| 35 | Rec - 659, 662, 663 | 20 A | 1 | | | | | 1.1 | 0.0 | 1 | 20 A | Spare | | | 36 | |
| 37 | Spare | 20 A | 1 | 0.0 | 0.0 | | | | | | 1 | 20 A | Spare | | 38 | |
| 39 | Spare | 20 A | 1 | | | 0.0 | 1.1 | | | | 1 | 20 A | Pneumatic Tube | | 40 | |
| 41 | Spare | 20 A | 1 | | | | | 0.0 | 0.0 | | 1 | 20 A | Spare | | 42 | |
| Total New Load: | | | | 12.4 KVA | 12.9 KVA | 10.9 KVA | | | | | | | | | | |
| Total New Amps: | | | | 106 A | 109 A | 90 A | | | | | | | | | | |
| Total New Demand Amps: | | | | 64 A | | | | | | | | | | | | |

F1CA-480/277 Wye-3Φ-4W

Location: ELEC 1B608 OCP: 125 A
Mounting: Surface Main: Main Circuit Breaker
Comments: New Panelboard A.L.C Rating: 14KAIC

| | | | | A (KVA) | B (KVA) | C (KVA) | | | | | | |
|------------------------|---------------------|------|-------|------------|------------|------------|-------|------|---------------------|----------|-------|----|
| CKT | Circuit Description | Trip | Poles | | | | Poles | Trip | Circuit Description | CKT | | |
| 1 | Spare | 20 A | 1 | 0.0 | 1.5 | | 1 | 20 A | Lighting | 2 | | |
| 3 | Spare | 20 A | 1 | | 0.0 | 2.8 | | 1 | 20 A | Lighting | 4 | |
| 5 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 6 |
| 7 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 8 | |
| 9 | Spare | 20 A | 1 | | 0.0 | 0.0 | | 1 | 20 A | Spare | 10 | |
| 11 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 12 |
| 13 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 14 | |
| 15 | Spare | 20 A | 1 | | 0.0 | 0.0 | | 1 | 20 A | Spare | 16 | |
| 17 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 18 |
| 19 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 20 | |
| 21 | Spare | 20 A | 1 | | 0.0 | 0.0 | | 1 | 20 A | Spare | 22 | |
| 23 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 24 |
| 25 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 26 | |
| 27 | Spare | 20 A | 1 | | 0.0 | 0.0 | | 1 | 20 A | Spare | 28 | |
| 29 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 30 |
| 31 | Spare | 20 A | 1 | 0.0 | 0.0 | | | 1 | 20 A | Spare | 32 | |
| 33 | Spare | 20 A | 1 | | 0.0 | 0.0 | | 1 | 20 A | Spare | 34 | |
| 35 | Spare | 20 A | 1 | | | | 0.0 | 0.0 | 1 | 20 A | Spare | 36 |
| 37 | TR-F1C1 | 50 A | 3 | 10.1 | 0.0 | | | 1 | 20 A | Spare | 38 | |
| -- | -- | -- | -- | | 10.6 | 0.0 | | 1 | 20 A | Spare | 39 | |
| 41 | -- | -- | -- | | | | 7.4 | 0.0 | 1 | 20 A | Spare | 40 |
| Total New Load: | | | | 11.6 KVA | 13.4 KVA | 7.4 KVA | | | | | | |
| Total New Demand Amps: | | | | 44 A | 51 A | 27 A | | | | | | |
| Total New Demand Amps: | | | | 23 A | | | | | | | | |