

Voltage: - 120/208V
Amps: - 200A
Phase: - 3
Wire: - 4

Panel "4810221"
(Existing)

Main: - 200A MLO
Bus: -
Mounting: - Recessed
Location: - Open Room

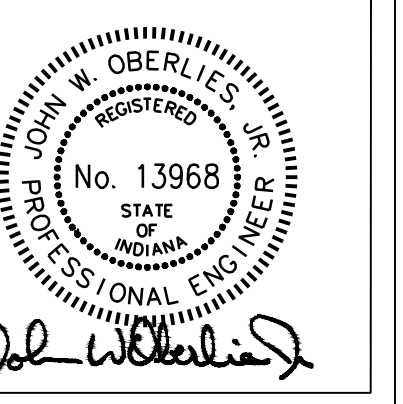
| Remarks | <Load (KW)> | | | | | Cir. No. | 20 AMP 1 Pole U.O.N. | Cir. No. | <Load (KW)> | | | | | Remarks | | |
|-----------------------------------|-------------------|------|------|-----|--------|----------|----------------------------|---------------------|-------------|-------|--------------|-----|------|---------|------|-----------------------------------|
| | Light | Rec. | Heat | A/C | Equip. | | | | Other | Other | Equip. | A/C | Heat | | Rec. | Light |
| * Lts. Rms 105-111 | 1.3 | | | | | 1 | | 2 | | | | | | | | |
| * Recpt. Rms 113,114 - Computers | 0.4 | | | | | 3 | | 4 | | | | | | | | Furnace |
| * Recpt. Rms 113,114,116 | 1.6 | | | | | 5 | | 6 | | | | | | | | |
| * Corridor | 0.6 | | | | | 7 | | 8 | | | | | 0.6 | | | Lts. Office/Storage |
| * Recpt. Rms 111,110 - Computers | 0.4 | | | | | 9 | | 10 | | | | | 1.0 | | | Lts. Corridor |
| * Recpt. Copier Reception area | 1.2 | | | | | 11 | | 12 | | 0.2 | | | | | | Fire Shutter - Reception area |
| * Recpt. Rms 111,110 | 0.4 | | | | | 13 | | 14 | | | | | | 1.1 | | Lts. Rms 100,101,102 |
| * Recpt. Rms 111,110 | 0.8 | | | | | 15 | | 16 | | | | | 0.6 | | | Recpt. Rms 105,105 - Computers |
| * Recpt. GFI Rms 111,110,109 | 1.0 | | | | | 17 | | 18 | | | | | 1.0 | | | Recpt. Rms 105,105,107 |
| * Recpt. Faucet/Eye wash controls | 0.3 | | | | | 19 | | 20 | | | | | 0.4 | | | Recpt. Rms 105,105 |
| * Refrigerator - Rm 111 | | | | | 1.2 | 21 | | 22 | | | | | 1.0 | | | Recpt. Scale |
| * Refrigerator - Rm 108 | | | | | 1.2 | 23 | | 24 | | | | | 0.6 | | | Recpt. Rm 102 - Computers |
| * Recpt. - GFI Rm 108,106,105 | 1.0 | | | | | 25 | | 26 | | | | | 1.4 | | | Recpt. Rm 102,100 |
| * Refrigerator - Rm 107 | | | | | 1.2 | 27 | | 28 | | | | | 0.3 | | | Recpt. TV |
| * Recpt. - GFI | 0.8 | | | | | 29 | | 30 | | 0.6 | | | | | | Water heater control/Recirc. pump |
| Sign East Wall | | | | | | 31 | | 32 | | 0.2 | | | | | | EF-1 (on roof) |
| Spare | | | | | | 33 | | 34 | | | | | 0.2 | | | Nurse Call Power |
| Spare | | | | | | 35 | | 36 | | | | | 0.2 | | | Recpt. Telephone board |
| Spare | | | | | | 37 | | 38 | | | | | 0.2 | | | Recpt. Dedicated Rm 116 |
| Spare | | | | | | 39 | | 40 | | | | | 0.2 | | | Recpt. Dedicated Rm 116 |
| Recpt. under panel | | | | | | 41 | | 42 | | | | | | | | |
| | 1.3 | 8.5 | | | | 3.6 | | Connected load (KW) | | | 1.0 | | 6.1 | 2.7 | | |
| | 1.3 | 6.8 | | | | 3.6 | | Demand load (KW) | | | 1.0 | | 5.4 | 2.7 | | |
| Legend | Total Demand (KW) | | | | | Feeder | | | | | Calculated ± | | | | | |
| () = 1 Pole | Light | Rec. | Heat | A/C | Equip. | Other | | Total | Fed From: | | | | | | | |
| () = 2 Pole | 4.0 | 12.2 | - | - | 4.6 | - | | 20.8 | Wire Size: | | | | | | | |
| () = 3 Pole | | | | | | | | Conduit: | | | | | | | | |

Total Demand Amps = ±58A

* Denotes - change in circuiting.

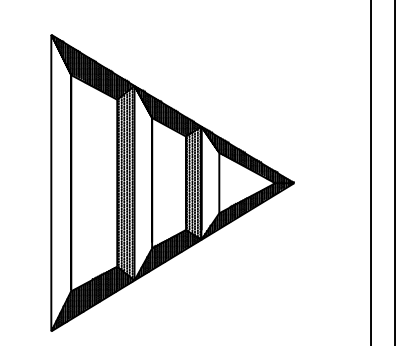
| Light Fixture Schedule | | | | | | | | | | |
|------------------------|--|-------------------------------|-----------|----------------------------|-------|---|--|----------------|--|--|
| Type | Manufacturer | Model No. | No. Lamps | Lamp Type | Volts | Mounting | Description | Illustration * | | |
| 'C1' | Gotham Halo Capri Spectrum Zumtobel | AFV-26TRT-6AR-MVOLT | 1 | 26TRT / 3500°K | 120 | Recessed Ceiling | 6" compact fluorescent downlight. Vertical lamping. Semi-specular reflector with clear trim. UL listed. | | | |
| 'EM1' | Lithonia Sure-Lites Dual Lite McPhibben Chloride | ELM2 | 2 | 5.4W Krypton (Wedge-based) | 120 | Surface Wall (Center of fixture at +7'-4" A.F.F.) | Emergency lighting unit with adjustable optics. Sealed lead-calcium battery. White thermoplastic housing. | | | |
| 'F1' | Metalux | 2RDI-332RP-UNV-EB81-U | 3 | F32T8 / 3500°K | 120 | Recessed Ceiling (5.4y-10) | Recessed 2'x4' direct/indirect fluorescent luminaire. Steel housing. Round perforated white steel lamp shield. UL listed. | | | |
| 'F2' | Metalux | 2RDI-332RP-UNV-EB81-U-DF-24-W | 3 | F32T8 / 3500°K | 120 | Recessed Ceiling (7.4y-10) | Recessed 2'x4' direct/indirect fluorescent luminaire. Steel housing. Round perforated white steel lamp shield. Drywall frame kit. UL listed. | | | |
| 'F3' | Metalux | WSA-232A-LTS-UNV-EB81-U | 2 | F32T8 / 3500°K | 120 | Surface Ceiling | Surface mounted fluorescent wraparound. Steel housing and end plates. Acrylic prismatic diffuser. UL listed. | | | |
| 'UC1' | Lithonia | 2UC-1-17-MVOLT-SWR-GEB10IS | 1 | F17T8 / 3500°K | 120 | Under Cabinet | Under cabinet fluorescent luminaire. Steel housing. Low brightness, linear prism acrylic diffuser. UL listed. | | | |
| 'W1' | Artemide (Rezek Lighting) | Dupla Curved Wall | 1 | 75W, A19 (Max.) | 120 | Surface Wall (Center of fixture at +6'-6" A.F.F.) | Wall mounted incandescent luminaire. Cast aluminum body with brushed finish. Etched white handblown glass diffuser. ADA compliant. UL listed. | | | |
| 'W2' | Lithonia | W-2-32-A12U-MVOLT-GEB10IS | 2 | F32T8 / 3500°K | 120 | Surface Wall (Bottom of fixture at +6'-6" A.F.F.) | 4' fluorescent wall bracket with aluminum housing and acrylic diffuser. Up/down light distribution. UL listed. | | | |
| 'X1' | Lithonia Sure-Lites Dual Lite McPhibben Chloride | LCM-S-W-3-R-120/277-EL N | - | LED | 120 | Surface Ceiling / Wall | LED exit sign with white housing and red letters. Sealed nickel-cadmium battery. Ceiling or wall mount as shown on plan. Directional arrows as shown on plan. UL listed. | | | |

* - Pictures shown as a visual aid only, and may not depict specific attributes listed in this schedule.



JOHN OBERLIES CONSULTING ENGINEERS INC.
PLUMBING
ELECTRICAL
MECHANICAL

Proposed Dialysis Clinic for:
NOBLESVILLE EXPANSION
165 Sheridan Road
Noblesville, IN 46060



This is the place where a disclaimer statement can be placed.

Drafted By: DRM

Checked By: SLH

Date Drawn: 07/20/10

Project #: 028012

| REV # | DATE | REVISION DESCRIPTION |
|--------|------|----------------------|
| XXXXXX | | |
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E1.0