

| 13QH | | | | | | | | | |
|-------------------------------------|--------------------|-------------------------------|-----------------------------------|----------------|-------------------------------------|---------|----------------|-----------------------------------|----------|
| BUS NUMBER: 625 | | | | | AMPERE RATING: 150 | | | | |
| SERVED FROM: 502 | | | | | VOLTAGE (L-L): 480 | | | | |
| MOUNTING: SURFACE | | | | | MAIN TYPE: MAIN BREAKER | | | | |
| REMARKS: NEW PANEL | | | | | LOAD TYPE: (L-N): 277 | | | | |
| | | | | | EQUIPMENT: BRANCH | | | | |
| | | | | | PHASE: 3 | | | | |
| | | | | | WIRE: 4 | | | | |
| | | | | | MIN. KAIC: 22 | | | | |
| CIRCUIT | LOAD DESCRIPTION | BRANCH CIRCUIT | BRANCH CIRCUIT | BRANCH CIRCUIT | LOAD DESCRIPTION | CIRCUIT | BRANCH CIRCUIT | BRANCH CIRCUIT | CIRCUIT |
| NO. | | LOAD KVA | NEC ART. 220 FEEDER SIZING FACTOR | LOAD KVA | | NO. | LOAD KVA | NEC ART. 220 FEEDER SIZING FACTOR | LOAD KVA |
| 3 | 125 3 AIR HANDLER | C 29.06 C 29.06 C 29.06 | 1 3 1 6 1-1/2 | 1 3 12 12 3/4 | D EXHAUST FAN 1 | 15 | 3 | 4 | 15 |
| 9 | 15 3 EXHAUST FAN 4 | D 0.44 D 0.44 D 0.44 | 1 3 12 12 3/4 | 1 3 12 12 3/4 | D EXHAUST FAN 5 | 15 | 3 | 10 | 15 |
| 13 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 14 | | 1 |
| 15 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 16 | | 1 |
| 17 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 18 | | 1 |
| 19 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 20 | | 1 |
| 21 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 22 | | 1 |
| 23 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 24 | | 1 |
| 25 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 26 | | 1 |
| 27 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 28 | | 1 |
| 29 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 30 | | 1 |
| 31 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 32 | | 1 |
| 33 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 34 | | 1 |
| 35 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 36 | | 1 |
| 37 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 38 | | 1 |
| 39 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 40 | | 1 |
| 41 | 1 SPACE ONLY | | | | SPACE ONLY | 1 | 42 | | 1 |
| TOTAL CONNECTED LOAD KVA | | | | | TOTAL CONNECTED LOAD KVA | | | | |
| NEC ART. 220 FEEDER SIZING FACTOR = | | | | | NEC ART. 220 FEEDER SIZING FACTOR = | | | | |
| A = HOUSEHOLD LIGHTING | | | | | A = HOUSEHOLD LIGHTING | | | | |
| B = OTHER LIGHTING | | | | | B = OTHER LIGHTING | | | | |
| C = OTHER LIGHTING | | | | | C = OTHER LIGHTING | | | | |
| D = SPACE HEATING | | | | | D = SPACE HEATING | | | | |
| E = SPACE HEATING | | | | | E = SPACE HEATING | | | | |
| F = GENERAL LIGHTING | | | | | F = GENERAL LIGHTING | | | | |
| G = GENERAL LIGHTING | | | | | G = GENERAL LIGHTING | | | | |
| H = SPACE HEATING | | | | | H = SPACE HEATING | | | | |
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| J = SPACE HEATING | | | | | J = SPACE HEATING | | | | |
| K = SPACE HEATING | | | | | K = SPACE HEATING | | | | |
| L = SPACE HEATING | | | | | L = SPACE HEATING | | | | |
| M = SPACE HEATING | | | | | M = SPACE HEATING | | | | |
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| BUS NUMBER: 675 | | | | | | | | | | AMPERE RATING: 150 | | VOLTAGE (L-L): 208 | | PHASE: 3 | |
|---------------------------------------|-----|------|------------------|---|----------|----------|----------|----------|----------|-------------------------|----------|--------------------|----------|----------|----------|
| SERVED FROM T1300 | | | | | | | | | | MAIN TYPE: MAIN BREAKER | | VOLTAGE (L-N): 120 | | WIRE: 4 | |
| MOUNTING SURFACE: | | | | | | | | | | LUG OPTIONS: | | MIN. KALC: 22 | | WIRE: 4 | |
| REMARKS: NEW PANEL (EQUIPMENT BRANCH) | | | | | | | | | | | | | | | |
| CIRCUIT | NO. | BRKR | LOAD DESCRIPTION | C | LOAD | BRANCH | CIRCUIT | BRANCH | CIRCUIT | C | LOAD | BRANCH | CIRCUIT | BRANCH | CIRCUIT |
| TRIP/LP | | | | | WVA | WVA | WVA | WVA | WVA | | WVA | WVA | WVA | WVA | WVA |
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1.34N2Z

BUS NUMBER: 20

SERVED FROM: N-SPACE

REMARKS: NORMAL BRANCH

AMPERE RATING: 150

MAIN TYPE: MAIN BREAKER

LUG OPTIONS:

VOLTAGE (L-L): 208

VOLTAGE (L-N): 120

PHASE: 3

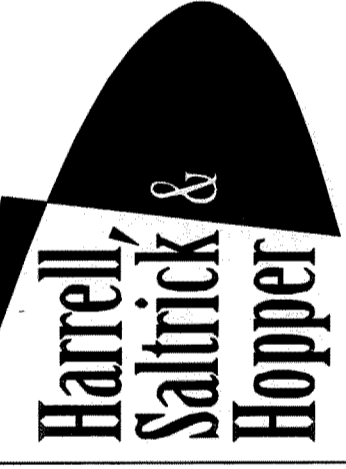
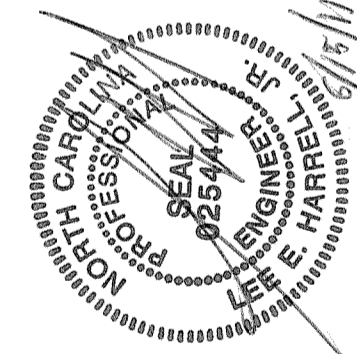
WIRE: 4

MIN. KVA: 22

| CIRCUIT NO. | BRK TYPE | LOAD DESCRIPTION | BRANCH CIRCUIT | | BRANCH CIRCUIT | | LOAD | | CIRCUIT TRIP P. | LOAD DESCRIPTION | CIRCUIT NO. | BRK TYPE |
|----------------------------|----------|------------------|---------------------|------|---------------------|----|---------------------|-----|-----------------------------------|--------------------|-------------|----------|
| | | | L | KVA | F | N | D | KVA | | | | |
| 1 | 20 | 1 LIGHTING | L | 1.54 | 1 | 12 | 12 | 3/4 | 0.40 N | 20 | 1 | 2 |
| 3 | 20 | 1 LIGHTING | L | 1.56 | 1 | 12 | 12 | 3/4 | 0.54 R | RECEIPT 119 & 112 | 20 | 1 |
| 5 | 20 | 1 COPPER | R | 0.40 | 1 | 12 | 12 | 3/4 | 1.40 R | RECEIPT 113 | 20 | 1 |
| 7 | 20 | 1 RECEIPT 119 | R | 0.54 | 1 | 12 | 12 | 3/4 | 0.72 R | RECEIPT 137, 141 | 20 | 1 |
| 9 | 25 | 1 RECEIPT RECOV | R | 2.16 | 1 | 12 | 10 | 3/4 | 0.90 R | RECEIPT 137, 138 | 20 | 1 |
| 11 | 20 | 1 RECEIPT RECOV | R | 1.62 | 1 | 12 | 12 | 3/4 | 1.26 R | RECEIPT 129, 130 | 20 | 1 |
| 13 | 20 | 1 VAV CONTROLS | D | 1.00 | 1 | 12 | 12 | 3/4 | 0.90 R | RECEIPT PREP/RECOV | 20 | 1 |
| 15 | 20 | 1 VAV CONTROLS | D | 1.00 | 1 | 12 | 12 | 3/4 | 1.62 R | RECEIPT PREP/RECOV | 20 | 1 |
| 17 | 20 | 1 RECEIPT EXAM | R | 0.36 | 1 | 12 | 12 | 3/4 | 1.08 R | RECEIPT PREP/RECOV | 20 | 1 |
| 19 | 20 | 1 VAV CONTROLS | D | 1.00 | 1 | 12 | 12 | 3/4 | 1.26 R | RECEIPT PREP/RECOV | 20 | 1 |
| 21 | 20 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 20 | 1 |
| 23 | 20 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 20 | 1 |
| 25 | 20 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 20 | 1 |
| 27 | 20 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 20 | 1 |
| 29 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 30 |
| 31 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 32 |
| 33 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 34 |
| 35 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 36 |
| 37 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 38 |
| 39 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 40 |
| 41 | 1 | 1 SPACE ONLY | | | | | | | | SPACE ONLY | 1 | 42 |
| TOTAL CONNECTED LOAD (KVA) | | | NEC ART. 230 FEEDER | | NEC ART. 230 FEEDER | | NEC ART. 230 FEEDER | | PHASE BALANCE (% OF 3 PHASE LOAD) | | | |
| | | | X | | X | | X | | | | | |
| | | | LOAD (KVA) | | LOAD (KVA) | | LOAD (KVA) | | | | | |
| | | | SIZING FACTOR | | SIZING FACTOR | | SIZING FACTOR | | | | | |
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Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021



Design & Management Solutions for the Built Environment

51 LOCUST STREET, SUITE #1
AVONDALE ESTATES, GA 30002

P 704.814.1325
F 704.321.0833

WWW.HSHPC.COM

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HSH PROJECT # 10004

| Recommended Approvals: | |
|------------------------|-------------------------------------|
| 1. MEDICAL DIRECTOR | 6. OPERATIONS SERVICE LINE MANAGER |
| 2. ASSOCIATE DIRECTOR | 7. INFECTION CONTROL SAFETY MANAGER |
| 3. CHIEF OF STAFF | 8. SAFETY MANAGER |
| 4. ASSOC. DIRECTOR | 9. GENERAL ENGINEER |
| 5. SERVICE LINE MGRS. | 10. COTR |

| | | | |
|---|--|-----------------------------|---------------------|
| Growing Title PANEL SCHEDULES | Project Title RENOVATE 13A FOR ENDOSCOPY SUITE | Date | June 10, 2011 |
| | | Project Number | 557-10-108 |
| FULLY SPRINKLERED | Drawn | Building Number | 13A |
| | Checked | Reviewed | Const. Contract No. |
| | | DRAWING No. E-602 | |

100% SUBMITTAL

| | | |
|------|------|-------|
| 13QH | 13QL | 13ALS |
| 1CL1 | 1CL2 | 13AN2 |