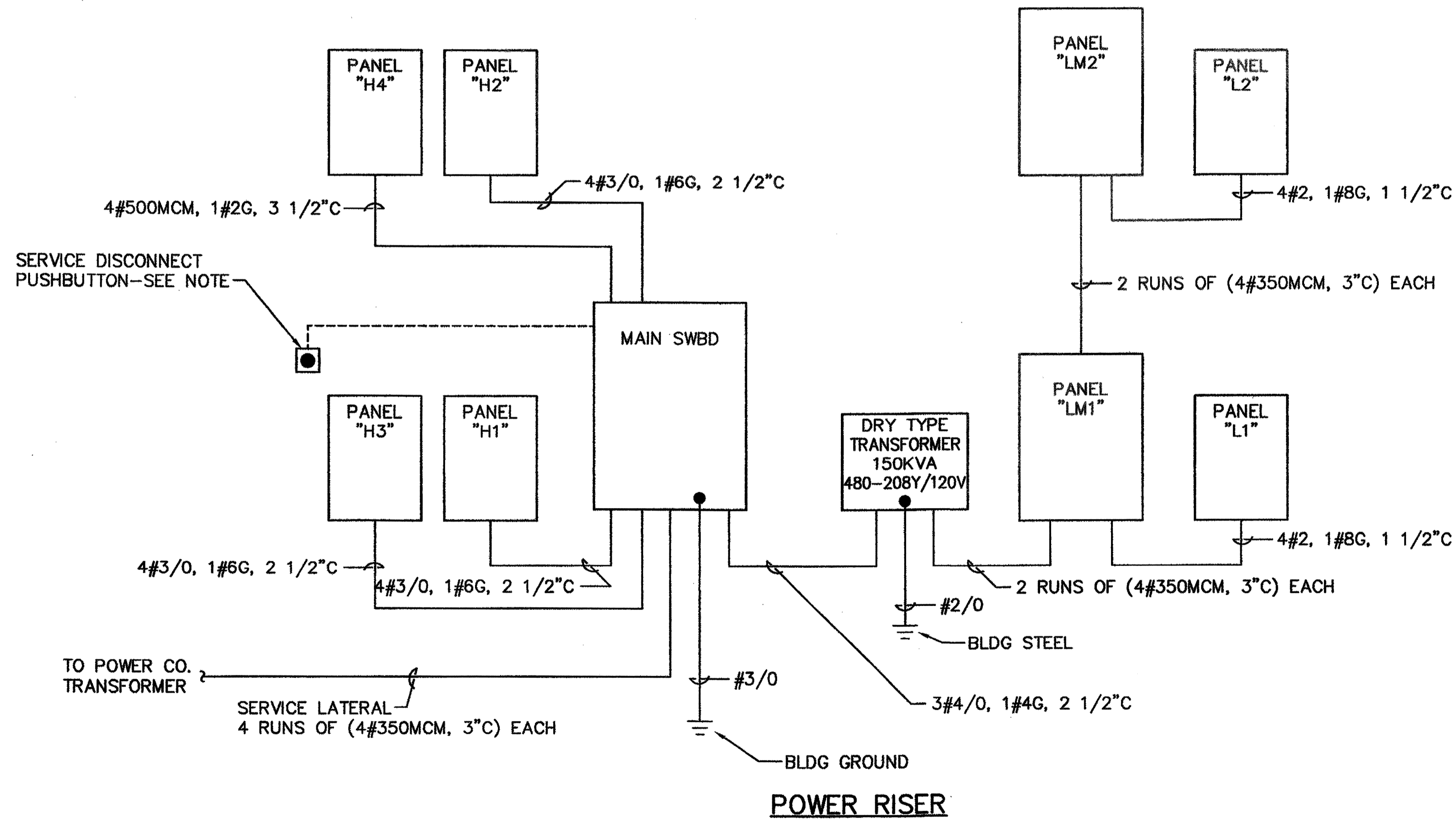


| MAIN SWBD | | | | | | | | | |
|--|------------------|---------------|-----|-------|--------------|------|------------------|------------------------------|----|
| 1200 AMP MAINS | | | | | | | | | |
| 480Y/277 V, 3 PH, 4 W, 60 HZ 1200 AMP MAIN BKR WITH SHUNT TRIP | | | | | | | | | |
| THE MAXIMUM OVERALL SWITCHBOARD DIMENSIONS SHALL BE 45"W x 18"D x 90"H. | | | | | | | | | |
| ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 30,000 AMPS. SWBD SHALL BE PROVIDED WITH SEPARATE GROUND BUS. | | | | | | | | | |
| CKT No. | LOAD DESCRIPTION | BREAKERS POLE | AMP | KVA | BREAKERS AMP | POLE | LOAD DESCRIPTION | CKT No. | |
| 1 | | | | | | | | 2 | |
| 3 | PANEL H1 | 3 | 200 | 19.5 | 115 | 200 | 3 | RTU-1 | 4 |
| 5 | | | | | | | | 6 | |
| 7 | | | | | | | | 8 | |
| 9 | PANEL H2 | 3 | 200 | 9.0 | 115 | 200 | 3 | RTU-2 | 10 |
| 11 | | | | | | | | 12 | |
| 13 | | | | | | | | 14 | |
| 15 | PANEL H3 | 3 | 200 | 104.2 | 25.9 | 80 | 3 | ELEVATOR (20HP) (VERIFY) | 16 |
| 17 | | | | | | | | 18 | |
| 19 | | | | | | | | 20 | |
| 21 | PANEL H4 | 3 | 400 | 177.0 | 150 | 225 | 3 | PANEL LM THRU TRANSFORMER | 22 |
| 23 | | | | | | | | 24 | |
| 25 | | | | | | | | 26 | |
| 27 | SPACE | 3 | | | | | 3 | SPACE | 28 |
| 29 | | | | | | | | 30 | |
| 31 | | | | | | | | 32 | |
| 33 | SPACE | 3 | | | | | 3 | SPACE | 34 |
| 35 | | | | | | | | 36 | |
| 37 | | | | | | | | 38 | |
| 39 | SPACE | 3 | | | | | 3 | SPACE | 40 |
| 41 | | | | | | | | 42 | |
| TOTAL CONNECTED LOAD 715.6 KVA | | | | | | | | | |

| PANEL LM1 | | | | | | | | | |
|---|------------------|---------------|-----|------|--------------|------|------------------|---------|----|
| 600 AMP MAINS & FEED THRU LUGS | | | | | | | | | |
| 208Y/120 V, 3 PH, 4 W, 60 HZ 600 AMP MAIN BKR SURFACE | | | | | | | | | |
| ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 10,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS. | | | | | | | | | |
| CKT No. | LOAD DESCRIPTION | BREAKERS POLE | AMP | KVA | BREAKERS AMP | POLE | LOAD DESCRIPTION | CKT No. | |
| 1 | | | | | | | | 2 | |
| 3 | PANEL L1 | 3 | 100 | 12.2 | | | 3 | SPACE | 4 |
| 5 | | | | | | | | 6 | |
| 7 | | | | | | | | 8 | |
| 9 | SPACE | 3 | | | | | 3 | SPACE | 10 |
| 11 | | | | | | | | 12 | |
| 13 | | | | | | | | 14 | |
| 15 | SPACE | 3 | | | | | 3 | SPACE | 16 |
| 17 | | | | | | | | 18 | |
| 19 | | | | | | | | 20 | |
| 21 | SPACE | 3 | | | | | 3 | SPACE | 22 |
| 23 | | | | | | | | 24 | |
| 25 | | | | | | | | 26 | |
| 27 | SPACE | 3 | | | | | 3 | SPACE | 28 |
| 29 | | | | | | | | 30 | |
| 31 | | | | | | | | 32 | |
| 33 | SPACE | 3 | | | | | 3 | SPACE | 34 |
| 35 | | | | | | | | 36 | |
| 37 | | | | | | | | 38 | |
| 39 | SPACE | 3 | | | | | 3 | SPACE | 40 |
| 41 | | | | | | | | 42 | |
| TOTAL CONNECTED LOAD 12.2 KVA | | | | | | | | | |

| PANEL LM2 | | | | | | | | | |
|---|------------------|---------------|-----|-----|--------------|------|------------------|---------|----|
| 600 AMP MAINS SURFACE | | | | | | | | | |
| 208Y/120 V, 3 PH, 4 W, 60 HZ MLO | | | | | | | | | |
| ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 10,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS. | | | | | | | | | |
| CKT No. | LOAD DESCRIPTION | BREAKERS POLE | AMP | KVA | BREAKERS AMP | POLE | LOAD DESCRIPTION | CKT No. | |
| 1 | | | | | | | | 2 | |
| 3 | PANEL L2 | 3 | 100 | 6.8 | | | 3 | SPACE | 4 |
| 5 | | | | | | | | 6 | |
| 7 | | | | | | | | 8 | |
| 9 | SPACE | 3 | | | | | 3 | SPACE | 10 |
| 11 | | | | | | | | 12 | |
| 13 | | | | | | | | 14 | |
| 15 | SPACE | 3 | | | | | 3 | SPACE | 16 |
| 17 | | | | | | | | 18 | |
| 19 | | | | | | | | 20 | |
| 21 | SPACE | 3 | | | | | 3 | SPACE | 22 |
| 23 | | | | | | | | 24 | |
| 25 | | | | | | | | 26 | |
| 27 | SPACE | 3 | | | | | 3 | SPACE | 28 |
| 29 | | | | | | | | 30 | |
| 31 | | | | | | | | 32 | |
| 33 | SPACE | 3 | | | | | 3 | SPACE | 34 |
| 35 | | | | | | | | 36 | |
| 37 | | | | | | | | 38 | |
| 39 | SPACE | 3 | | | | | 3 | SPACE | 40 |
| 41 | | | | | | | | 42 | |
| TOTAL CONNECTED LOAD 6.8 KVA | | | | | | | | | |

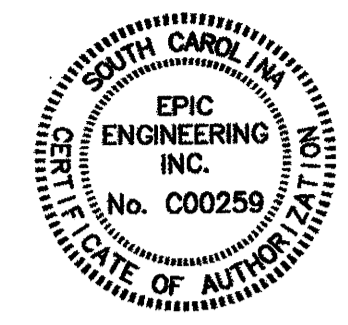


POWER RISER NOTE
 THE SERVICE DISCONNECT PUSHBUTTON SHALL BE A RED MUSHROOM PUSHBUTTON INSIDE A LOCKABLE 8"x8"x6" NEMA 3R ENCLOSURE (AUSTIN ENCLOSURE MODEL AB-886WS). PROVIDE A LAMINATED PHENOLIC NAMEPLATE INSCRIBED "EMERGENCY ELECTRIC DISCONNECT" IN 1/4" HIGH LETTERS AND ATTACHED WITH STAINLESS STEEL SCREWS.

POWER RISER

THE ELECTRICAL SYSTEM HAS BEEN DESIGNED TO ACCOMMODATE THE FOLLOWING TENANT UPFIT PRACTICES:

1. ALL TENANT LIGHTING WILL BE 277VOLT. LIGHTING CIRCUITS ON THE FIRST FLOOR WILL ORIGINATE FROM PANEL H1. LIGHTING CIRCUITS ON THE SECOND FLOOR WILL ORIGINATE FROM PANEL H2.
2. THERE WILL BE A MAXIMUM OF 12 TENANTS ON EACH FLOOR. EACH TENANT WILL PROVIDE HIS OWN 208Y/120V, 3Ø, 4W PANEL TO SUPPLY THE CONVENIENCE OUTLETS IN HIS SPACE. FEEDERS FOR FIRST FLOOR PANELS WILL ORIGINATE FROM PANEL LM1. FEEDERS FOR SECOND FLOOR PANELS WILL ORIGINATE FROM PANEL LM2.



| | |
|------------------|------------------|
| DESIGNED BY: JEA | APPROVED BY: JEA |
| DRAWN BY: RAD | CHECKED BY: JEA |

| REVISIONS | |
|----------------|--|
| DESCRIPTION: | |
| DATE REVISION: | |
| DESCRIPTION: | |
| DATE REVISION: | |
| DESCRIPTION: | |
| DATE REVISION: | |

**OFFICES AT BELLE HALL
 BUILDINGS 1 & 2**
 LONG POINT ROAD
 MOUNT PLEASANT, SC
 PROJECT TITLE

| | |
|--|---------------|
| PANEL SCHEDULES AND POWER RISER | DRAWING TITLE |
| | NONE |
| SCALE: | NONE |
| DATE: | 1/06/06 |

| | |
|----------------|------------|
| SHEET NUMBER | E401 of 10 |
| CAD FILE NAME: | 05176E401 |