

| PANEL VEAC-01A | | LOCATION LVEA RM 105 | | VOLTS 208Y/120V | | | | | | | | | | | | |
|---------------------------|---|----------------------|-------|-----------------|------|-----------|-----------------|------|------|-----------|------|-----------|-------|--|--|-----|
| FED FROM | | MOUNTING RECESSED | | MAIN | | | | | | | | | | | | |
| CKT # | | PHASE 3 | | WIRE 4 | | | | | | | | | | | | |
| | | FEEDER | | BUS 100 | | | | | | | | | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | TRIP | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | TRIP | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | VAC. EQUIP. LOAD (1.9 KVA) GENERAL LOAD (1.9 KVA) | 1 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | 8600 | 20 | 3 | 2 | 2 | VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS | 2 |
| 3 | VAC. EQUIP. LOAD (1.9 KVA) GENERAL LOAD (1.9 KVA) | 3 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | | | | 4 | | | |
| 5 | VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE | 5 | 1 | 12 | 20 | 1400 | | 1400 | | | | | 6 | | | |
| 7 | NS-27 | 7 | 1 | 12 | 20 | 1920 | | | | 5800 | 20 | 3 | 8 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 8 | |
| 9 | 3-3 | 9 | 1 | 12 | 20 | | 1920 | | | | | | 10 | | | |
| 11 | 3-15 | 11 | 1 | 12 | 20 | 1400 | | | | | | | 12 | | | |
| 13 | SPACE | 13 | | | | | | | | | | | 14 | SPACE | 14 | |
| 15 | SPACE | 15 | | | | | | | | | | | 16 | SPACE | 16 | |
| 17 | SPACE | 17 | | | | | | | | | | | 18 | SPACE | 18 | |
| 19 | MAIN BREAKER (BACKFEED TO BUS) | 19 | 3 | | | | 950 | | | 950 | 20 | 1 | 20 | RECEPTACLES TRAP PRIMER | 20 | |
| | | 21 | | | | | | 750 | | 1500 | 20 | 12 | 2 | 22 | W-CS-136-WH-05 (1.5 KVA) | 22 |
| | | 23 | | | | | | | 750 | | | | | 24 | W-CS-136-WH-05 (1.5 KVA) | 24 |
| | | 25 | | | | | | | | | | | | 26 | W-CS-136-WH-03 (1.5 KVA) | 26 |
| | | 27 | | | | | | | | | | | | 28 | VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS | 28 |
| | | 29 | | | | | | | | | | | | 30 | | 30 |
| | | 31 | | | | | | | | | | | | 32 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 32 |
| | | 33 | | | | | | | | | | | | 34 | | 34 |
| | | 35 | | | | | | | | | | | | 36 | | 36 |
| | | 37 | | | | | | | | | | | | 38 | SPARE | 38 |
| | | 39 | | | | | | | | | | | | 40 | SPARE | 40 |
| | | 41 | | | | | | | | | | | | 42 | SPARE | 42 |
| TOTAL | | | | | | | 7671 | 7471 | 7471 | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | | 22613 | | | | | | | | | |
| (AMPS) | | | | | | | 62.76 | | | | | | | | | |

| PANEL VEAC-02A | | LOCATION LVEA RM 104 | | VOLTS 208Y/120V | | | | | | | | | | | | |
|---------------------------|---|----------------------|-------|-----------------|------|-----------|-----------------|------|------|-----------|------|-----------|-------|--|--|-----|
| FED FROM | | MOUNTING RECESSED | | MAIN | | | | | | | | | | | | |
| CKT # | | PHASE 3 | | WIRE 4 | | | | | | | | | | | | |
| | | FEEDER | | BUS 100 | | | | | | | | | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | TRIP | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | TRIP | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | VAC. EQUIP. LOAD (1.9 KVA) GENERAL LOAD (1.9 KVA) | 1 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | 8600 | 20 | 3 | 2 | 2 | VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS | 2 |
| 3 | VAC. EQUIP. LOAD (1.9 KVA) GENERAL LOAD (1.9 KVA) | 3 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | | | | 4 | | | |
| 5 | VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE | 5 | 1 | 12 | 20 | 1400 | | 1400 | | | | | 6 | | | |
| 7 | SPACE | 7 | | | | | 1934 | | | 5800 | 20 | 3 | 8 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 8 | |
| 9 | SPACE | 9 | | | | | | | | | | | 10 | | | |
| 11 | VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE | 11 | 1 | 12 | 20 | 1400 | | 1400 | | | | | 12 | | | |
| 13 | SPACE | 13 | | | | | | | | | | | 14 | SPACE | 14 | |
| 15 | SPACE | 15 | | | | | | | | | | | 16 | SPACE | 16 | |
| 17 | SPACE | 17 | | | | | | | | | | | 18 | SPACE | 18 | |
| 19 | MAIN BREAKER (BACKFEED TO BUS) | 19 | 3 | | | | 800 | | | 800 | 20 | 1 | 20 | RECEPTACLES TRAP PRIMER | 20 | |
| | | 21 | | | | | | 750 | | 1500 | 20 | 12 | 2 | 22 | W-CS-136-WH-04 (1.5 KVA) | 22 |
| | | 23 | | | | | | | 750 | | | | | 24 | W-CS-136-WH-04 (1.5 KVA) | 24 |
| | | 25 | | | | | | | | | | | | 26 | | 26 |
| | | 27 | | | | | | | | | | | | 28 | | 28 |
| | | 29 | | | | | | | | | | | | 30 | | 30 |
| | | 31 | | | | | | | | | | | | 32 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 32 |
| | | 33 | | | | | | | | | | | | 34 | | 34 |
| | | 35 | | | | | | | | | | | | 36 | | 36 |
| | | 37 | | | | | | | | | | | | 38 | SPARE | 38 |
| | | 39 | | | | | | | | | | | | 40 | SPARE | 40 |
| | | 41 | | | | | | | | | | | | 42 | SPARE | 42 |
| TOTAL | | | | | | | 7521 | 7471 | 8351 | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | | 23343 | | | | | | | | | |
| (AMPS) | | | | | | | 64.79 | | | | | | | | | |

| PANEL VEAC-03A | | LOCATION LVEA RM 103 | | VOLTS 208Y/120V | | | | | | | | | | | | |
|---------------------------|--------------------------------|----------------------|-------|-----------------|------|-----------|-----------------|-------|-------|-----------|------|-----------|-------|--|--------------------------|-----|
| FED FROM | | MOUNTING RECESSED | | MAIN | | | | | | | | | | | | |
| CKT # | | PHASE 3 | | WIRE 4 | | | | | | | | | | | | |
| | | FEEDER | | BUS 225 | | | | | | | | | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | TRIP | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | TRIP | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | RB-4 | 1 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | 8600 | 20 | 3 | 2 | 2 | TURBO PUMP RB-6 | 2 |
| 3 | RB-5 | 3 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | | | | 4 | | | |
| 5 | RB-13 | 5 | 1 | 10 | 30 | 1920 | | | 1400 | | | | 6 | | | |
| 7 | CHECK VALVE | 7 | 1 | 10 | 30 | 1920 | | 1934 | | 5800 | 20 | 3 | 8 | TURBO PUMP RB-11 | 8 | |
| 9 | BOC DS 12 | 9 | 1 | 10 | 30 | 1920 | | 1934 | | | | | 10 | | | |
| 11 | BOC DS 13 | 11 | 1 | 10 | 30 | 1920 | | | 1934 | | | | 12 | | | |
| 13 | BOC VS 14 | 13 | 1 | 10 | 30 | 1920 | | | | | | | 14 | SPACE | 14 | |
| 15 | BOC VS 23 | 15 | 1 | 10 | 30 | 1920 | | | | | | | 16 | SPACE | 16 | |
| 17 | SPACE | 17 | | | | | | | | | | | 18 | SPACE | 18 | |
| 19 | SPACE | 19 | | | | | 950 | | | 950 | 20 | 12 | 1 | 20 | RECEPTACLES TRAP PRIMER | 20 |
| 21 | SPACE | 21 | | | | | | 750 | | 1500 | 20 | 12 | 2 | 22 | W-CS-136-WH-03 (1.5 KVA) | 22 |
| 23 | SPACE | 23 | | | | | | | 750 | | | | | 24 | W-CS-136-WH-03 (1.5 KVA) | 24 |
| 25 | RB-9 | 25 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | 8600 | 20 | 3 | 26 | VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS | 26 | |
| 27 | B/C RB-10 | 27 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | | 20 | | 28 | | 28 | |
| 29 | BC DS-3 | 29 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | | 20 | | 30 | | 30 | |
| 31 | PUMP DS-8 | 31 | 1 | 10 | 30 | 1920 | 1920 | 2867 | | 5800 | 20 | 3 | 32 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 32 | |
| 33 | SPACE | 33 | | | | | | | 1934 | | | | 34 | | 34 | |
| 35 | SPACE | 35 | | | | | | | 1934 | | | | 36 | | 36 | |
| 37 | MAIN BREAKER (BACKFEED TO BUS) | 37 | 3 | | | | | | | 1934 | 20 | | 38 | SPARE | 38 | |
| | | 39 | | | | | | | | | 20 | | 40 | SPARE | 40 | |
| | | 41 | | | | | | | | | 20 | | 42 | SPARE | 42 | |
| TOTAL | | | | | | | 15792 | 14192 | 11752 | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | | 41736 | | | | | | | | | |
| (AMPS) | | | | | | | 115.84 | | | | | | | | | |

| PANEL VEAC-04A | | LOCATION LVEA RM 103 | | VOLTS 208Y/120V | | | | | | | | | | | | |
|----------------|--------------------------------|----------------------|-------|-----------------|------|-----------|-----------------|------|------|-----------|------|-----------|-------|--|--------------------------|-----|
| FED FROM | | MOUNTING RECESSED | | MAIN | | | | | | | | | | | | |
| CKT # | | PHASE 3 | | WIRE 4 | | | | | | | | | | | | |
| | | FEEDER | | BUS 225 | | | | | | | | | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | TRIP | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | TRIP | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | BOC-LB4 | 1 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | 8600 | 20 | 12 | 3 | 2 | TURBO PUMP LD-6 | 2 |
| 3 | BOC-LB5 | 3 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | | | | 4 | | | |
| 5 | CHECK VALVE LB-13 | 5 | 1 | 12 | 20 | 1920 | | | 2867 | | | | 6 | | | |
| 7 | CHECK VALVE LB-3 | 7 | 1 | 12 | 20 | 1920 | | 1934 | | 5800 | 20 | 12 | 3 | 8 | TURBO PUMP LB-9 | 8 |
| 9 | BOC-DS 6 | 9 | 1 | 12 | 20 | 1920 | | | 1934 | | | | 10 | | | |
| 11 | BOC-DS 19 | 11 | 1 | 12 | 20 | 1920 | | | | 1934 | | | 12 | | | |
| 13 | BOC-DS 20 | 13 | 1 | 12 | 20 | 1920 | | | | | | | 14 | SPACE | 14 | |
| 15 | SPACE | 15 | 1 | 12 | 20 | 1920 | | | 1150 | | 1150 | 20 | 1 | 16 | COMMUNICATIONS SUMP PUMP | 16 |
| 17 | SPACE | 17 | 1 | 12 | 20 | 1920 | | | | | 20 | | 18 | SPACE | 18 | |
| 19 | SPACE | 19 | | | | | | | 1180 | | | | 20 | RECEPTACLES TRAP PRIMER | 20 | |
| 21 | SPACE | 21 | | | | | | | | 1500 | 20 | 12 | 2 | 22 | W-CS-136-WH-06 (1.5 KVA) | 22 |
| 23 | SPACE | 23 | | | | | | | 750 | | | | | 24 | W-CS-136-WH-06 (1.5 KVA) | 24 |
| 25 | LB-8 | 25 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | 8600 | 20 | 3 | 26 | VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS | 26 | |
| 27 | LB-11 | 27 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | | 20 | | 28 | | 28 | |
| 29 | SPACE | 29 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | | 20 | | 30 | | 30 | |
| 31 | SPACE | 31 | 1 | 12 | 20 | 1920 | 1920 | 2867 | | 5800 | 20 | 3 | 32 | VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS | 32 | |
| 33 | SPACE | 33 | | | | | | | 1934 | | | | 34 | | 34 | |
| 35 | SPACE | 35 | | | | | | | 1934 | | | | 36 | | 36 | |
| 37 | MAIN BREAKER (BACKFEED TO BUS) | 37 | 3 | | | | | | | | | | | | | |