

| PANEL 144LP.1 | | LOCATION ROOM 144 | | | | | | | | | | VOLTS 480Y/277V | | | | |
|---------------------------|------------------------|-------------------|-------|-----------|--------|-----------|-----------------|--------|---|-----------|-----|-----------------|-------|--------------------------------|-------------|-----|
| FED FROM | | MOUNTING Recessed | | | | | | | | | | MAIN | | | | |
| CKT # | | PHASE 3 | | | WIRE 4 | | | FEEDER | | | | BUS 225 | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | BKR | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | BKR | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | LTG RM 147 | 1 | 1 | 15 | 855 | 855 | 0 | 0 | 0 | 2542 | 15 | 1 | 2 | LTG RM 128,130,131,138,139,152 | 2 | |
| 3 | LTG RM 122 | 3 | 1 | 20 | 1872 | 1872 | 0 | 0 | 0 | 332 | 15 | 1 | 4 | LTG RM 148,149 | 4 | |
| 5 | CORRIDOR 146 | 5 | 1 | 15 | 216 | 0 | 0 | 0 | 0 | 380 | 15 | 1 | 6 | LTG RM 144,145 | 6 | |
| 7 | LTG RM 136,137,151 | 7 | 1 | 15 | 352 | 0 | 0 | 0 | 0 | 150 | 15 | 1 | 8 | EMERGENCY LIGHTING | 8 | |
| 9 | EXIT | 9 | 1 | 15 | 10 | 0 | 0 | 0 | 0 | 1140 | 15 | 1 | 10 | LTG 140,141,142,143,125 | 10 | |
| 11 | LTG RM 123,124,126,127 | 11 | 1 | 15 | 1045 | 0 | 0 | 0 | 0 | 1330 | 15 | 1 | 12 | LTG RM 129-135 | 12 | |
| 13 | L-CS-127-SV-08 | 13 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 8000 | 15 | 3 | 14 | L-CS-136-WH-02 | 14 | |
| 15 | | 15 | | | | 0 | 0 | 0 | 0 | | | | 16 | | | |
| 17 | | 17 | | | | 0 | 0 | 0 | 0 | | | | 18 | | | |
| 19 | L-CS-138-SV-28 | 19 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 13000 | 20 | 3 | 20 | L-CS-132-SV-04 | 20 | |
| 21 | | 21 | | | | 0 | 0 | 0 | 0 | | | | 22 | | | |
| 23 | | 23 | | | | 0 | 0 | 0 | 0 | | | | 24 | | | |
| 25 | L-CS-129-SV-06 | 25 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 720 | 20 | 1 | 26 | PARKING LOT LIGHTING | 26 | |
| 27 | | 27 | | | | 0 | 0 | 0 | 0 | | | | 28 | | | |
| 29 | | 29 | | | | 0 | 0 | 0 | 0 | | | | 30 | | | |
| 31 | L-CS-146-SV-16A | 31 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 13000 | 20 | 3 | 32 | L-CS-146-SV-16B | 32 | |
| 33 | | 33 | | | | 0 | 0 | 0 | 0 | | | | 34 | | | |
| 35 | | 35 | | | | 0 | 0 | 0 | 0 | | | | 36 | | | |
| 37 | L-CS-147-SV-15 | 37 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 3000 | 15 | 3 | 38 | L-CS-149-WH-01 | 38 | |
| 39 | | 39 | | | | 0 | 0 | 0 | 0 | | | | 40 | | | |
| 41 | | 41 | | | | 0 | 0 | 0 | 0 | | | | 42 | | | |
| TOTAL | | | | | | 38616 | 37256 | 36968 | | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | 112840 | | | | | | | | | | |
| (AMPS) | | | | | | | | | | | | | | | | |

| PANEL 163LP.1 | | LOCATION ROOM 163 | | | | | | | | | | VOLTS 480Y/277V | | | | |
|---------------------------|--------------------|-------------------|-------|-----------|--------|-----------|-----------------|--------|---|-----------|-----|-----------------|-------|----------------|-------------|-----|
| FED FROM | | MOUNTING Square D | | | | | | | | | | MAIN | | | | |
| CKT # | | PHASE 3 | | | WIRE 4 | | | FEEDER | | | | BUS 225 | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | BKR | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | BKR | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | LTG RM 166 | 1 | 1 | 15 | 1824 | 1824 | 0 | 0 | 0 | 3135 | 15 | 1 | 2 | LTG RM 167 | 2 | |
| 3 | RM 160,161,163 | 3 | 1 | 15 | 1238 | 0 | 0 | 0 | 0 | 1482 | 15 | 1 | 4 | LTG RM 174 | 4 | |
| 5 | LTG RM 175 | 5 | 1 | 15 | 2736 | 0 | 0 | 0 | 0 | 884 | 15 | 1 | 6 | LTG RM 171,172 | 6 | |
| 7 | LTG RM 162 | 7 | 1 | 15 | 1425 | 1425 | 0 | 0 | 0 | 864 | 15 | 1 | 8 | HALL | 8 | |
| 9 | LTG RM 173 | 9 | 1 | 15 | 2700 | 0 | 0 | 0 | 0 | 760 | 15 | 1 | 10 | LTG RM 169 | 10 | |
| 11 | LTG RM 170 | 11 | 1 | 15 | 2400 | 0 | 0 | 0 | 0 | 360 | 15 | 1 | 12 | LTG RM 168 | 12 | |
| 13 | L-CS-135-SV-01 | 13 | 3 | 20 | 13000 | 4333 | 0 | 0 | 0 | 19000 | 30 | 3 | 14 | L-CS-138-SV-2A | 14 | |
| 15 | | 15 | | | | 0 | 0 | 0 | 0 | | | | 16 | | | |
| 17 | | 17 | | | | 0 | 0 | 0 | 0 | | | | 18 | | | |
| 19 | LTG RM 165 | 19 | 1 | 15 | 950 | 950 | 0 | 0 | 0 | 30 | 30 | 3 | 20 | SPARE | 20 | |
| 21 | SPARE | 21 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | | | | 22 | | | |
| 23 | EMERGENCY LIGHTING | 23 | 1 | 15 | 240 | 0 | 0 | 0 | 0 | 240 | | | 24 | | | |
| 25 | SPARE | 25 | 3 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 26 | | | |
| 27 | | 27 | | | | 0 | 0 | 0 | 0 | | | | 28 | | | |
| 29 | | 29 | | | | 0 | 0 | 0 | 0 | | | | 30 | | | |
| 31 | SPARE | 31 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 32 | | | |
| 33 | SPARE | 33 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 34 | | | |
| 35 | SPARE | 35 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 36 | | | |
| 37 | SPARE | 37 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | | | | 38 | | | |
| 39 | SPARE | 39 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | | | | 40 | | | |
| 41 | SPARE | 41 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | | | | 42 | | | |
| TOTAL | | | | | | 18864 | 16846 | 17286 | | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | 52996 | | | | | | | | | | |
| (AMPS) | | | | | | | | | | | | | | | | |

| PANEL 172RP.1 | | LOCATION ROOM 172 | | | | | | | | | | VOLTS 208Y/120V | | | | |
|---------------------------|-----------------|-------------------|-------|-----------|--------|-----------|-----------------|--------|---|-----------|-----|-----------------|-------|--------------------------|-------------|-----|
| FED FROM | | MOUNTING Recessed | | | | | | | | | | MAIN | | | | |
| CKT # | | PHASE 3 | | | WIRE 4 | | | FEEDER | | | | BUS 225 | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | BKR | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | BKR | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | RCPT RM 175 | 1 | 3 | 30 | 8646 | 2882 | 0 | 0 | 0 | 8646 | 30 | 3 | 2 | RCPT RM 175 | 2 | |
| 3 | | 3 | | | | 2882 | 0 | 0 | 0 | | | | 4 | | | |
| 5 | | 5 | | | | 0 | 0 | 0 | 0 | | | | 6 | | | |
| 7 | RCPT RM 174 | 7 | 3 | 30 | 8646 | 2882 | 0 | 0 | 0 | 1080 | 20 | 1 | 8 | RCPT RM 173, TRAP PRIMER | 8 | |
| 9 | | 9 | | | | 0 | 0 | 0 | 0 | 900 | 20 | 1 | 10 | RCPT RM 172 | 10 | |
| 11 | | 11 | | | | 0 | 0 | 0 | 0 | 1260 | 20 | 1 | 12 | RCPT RM 175, TRAP PRIMER | 12 | |
| 13 | RCPT RM 170 | 13 | 1 | 20 | 900 | 900 | 0 | 0 | 0 | 720 | 20 | 1 | 14 | RCPT RM 174 | 14 | |
| 15 | RCPT RM 171 | 15 | 1 | 20 | 900 | 0 | 0 | 0 | 0 | 1080 | 20 | 1 | 16 | RCPT RM 175 | 16 | |
| 17 | RCPT RM 174,175 | 17 | 1 | 20 | 360 | 0 | 0 | 0 | 0 | 900 | 20 | 1 | 18 | RCPT RM 175 | 18 | |
| 19 | RCPT RM 175 | 19 | 1 | 20 | 900 | 900 | 0 | 0 | 0 | 8646 | 30 | 3 | 20 | RCPT RM 167 | 20 | |
| 21 | SPARE | 21 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 22 | | | |
| 23 | RCPT RM 174 | 23 | 1 | 20 | 900 | 0 | 0 | 0 | 0 | | | | 24 | | | |
| 25 | RCPT RM 167 | 25 | 3 | 30 | 8646 | 2882 | 0 | 0 | 0 | | | | 26 | | | |
| 27 | | 27 | | | | 0 | 0 | 0 | 0 | | | | 28 | | | |
| 29 | | 29 | | | | 0 | 0 | 0 | 0 | | | | 30 | | | |
| 31 | SPARE | 31 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 32 | | | |
| 33 | SPARE | 33 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 34 | | | |
| 35 | SPARE | 35 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 36 | | | |
| 37 | SPARE | 37 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 38 | | | |
| 39 | SPARE | 39 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 40 | | | |
| 41 | SPARE | 41 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 42 | | | |
| TOTAL | | | | | | 18010 | 17290 | 17830 | | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | 53130 | | | | | | | | | | |
| (AMPS) | | | | | | | | | | | | | | | | |

| PANEL 168RP.1 | | LOCATION ROOM 168 | | | | | | | | | | VOLTS 208Y/120V | | | | |
|---------------------------|--------------------------|-------------------|-------|-----------|--------|-----------|-----------------|--------|---|-----------|-----|-----------------|-------|--------------------------------|-------------|-----|
| FED FROM | | MOUNTING Recessed | | | | | | | | | | MAIN | | | | |
| CKT # | | PHASE 3 | | | WIRE 4 | | | FEEDER | | | | BUS 225 | | | | |
| CKT | LOAD SERVED | SLOT | POLES | WIRE SIZE | BKR | VOLT AMPS | PHASE LOAD (VA) | | | VOLT AMPS | BKR | WIRE SIZE | POLES | SLOT | LOAD SERVED | CKT |
| | | | | | | | A | B | C | | | | | | | |
| 1 | RCPT RM 169 | 1 | 3 | 30 | 8646 | 2882 | 0 | 0 | 0 | 8646 | 30 | 3 | 2 | RCPT RM 169 | 2 | |
| 3 | | 3 | | | | 2882 | 0 | 0 | 0 | | | | 4 | | | |
| 5 | | 5 | | | | 0 | 0 | 0 | 0 | | | | 6 | | | |
| 7 | RCPT RM 169 | 7 | 3 | 20 | 4992 | 1664 | 0 | 0 | 0 | 5104 | 20 | 3 | 8 | RCPT RM 169 | 8 | |
| 9 | | 9 | | | | 0 | 0 | 0 | 0 | | | | 10 | | | |
| 11 | | 11 | | | | 0 | 0 | 0 | 0 | | | | 12 | | | |
| 13 | RCPT RM 166 | 13 | 1 | 20 | 360 | 360 | 0 | 0 | 0 | 540 | 20 | 1 | 14 | RCPT RM 166 | 14 | |
| 15 | RCPT RM 169 GFCI | 15 | 1 | 20 | 720 | 0 | 0 | 0 | 0 | 360 | 20 | 1 | 16 | RCPT RM 168 GFCI | 16 | |
| 17 | RCPT RM 167 GFCI | 17 | 1 | 20 | 540 | 0 | 0 | 0 | 0 | 180 | 20 | 1 | 18 | RCPT RM 166 | 18 | |
| 19 | RCPT RM 166 | 19 | 1 | 20 | 180 | 180 | 0 | 0 | 0 | 720 | 20 | 1 | 20 | RCPT RM 167 | 20 | |
| 21 | RCPT RM 169 GFCI | 21 | 1 | 20 | 720 | 0 | 0 | 0 | 0 | 720 | 20 | 1 | 22 | RCPT RM 167 | 22 | |
| 23 | RCPT RM 167, TRAP PRIMER | 23 | 1 | 20 | 720 | 0 | 0 | 0 | 0 | 305 | 20 | 1 | 24 | LTG STAIR 176, ROOF WALK/PLAT. | 24 | |
| 25 | RCPT RM 166 | 25 | 1 | 20 | 180 | 180 | 0 | 0 | 0 | 720 | 20 | 1 | 26 | RCPT ROOF PLATFORM | 26 | |
| 27 | SPARE | 27 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 28 | | | |
| 29 | SPARE | 29 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 30 | | | |
| 31 | SPARE | 31 | 3 | 30 | 0 | 0 | 0 | 0 | 0 | | | | 32 | | | |
| 33 | | 33 | | | | 0 | 0 | 0 | 0 | | | | 34 | | | |
| 35 | | 35 | | | | 0 | 0 | 0 | 0 | | | | 36 | | | |
| 37 | SPARE | 37 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 38 | | | |
| 39 | SPARE | 39 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 40 | | | |
| 41 | SPARE | 41 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | | | | 42 | | | |
| TOTAL | | | | | | 11829 | 11829 | 11054 | | | | | | | | |
| TOTAL CONNECTED LOAD (VA) | | | | | | 34712 | | | | | | | | | | |
| (AMPS) | | | | | | | | | | | | | | | | |

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|----------------------------|----------|-------------|----------|
| ISSUED FOR CONSTRUCTION | DRAWN | M. M. | 11-15-96 |
| CHECKED | J. C. L. | 7-24-96 | |
| ENGINEER | K. C. R. | 10-25-96 | |
| PROJ | T. D. M. | 11-15-96 | |
| ISSUED AS REVISED AS-BUILT | | | |
| ISSUED FOR AS-BUILT | | | |
| GENERAL REVISIONS | | | |
| NO. | DATE | BY | CHKD |
| 3 | 5-21-99 | AO | AK |
| 2 | 8-7-98 | JE | AK |
| 1 | 2-28-97 | J. G. | RDC |
| | | KCR | T. D. M. |
| DRAWING NO. | | DESCRIPTION | |

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