# 1 CONNECTION DIAGRAM (PHASE-I) No. 1/2 -----

## M/C-101 X1, o-1st Floor (BLOWING)

CABLE No. 31P-101 — 600V NYY 3C- 3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 15 2 KW | A 30 4 | No. 1 LVSA, BOA, AFC | NYY -4C | |

E NYY 1 -1C

## M/C-102 X1, o-1st Floor (BLOWING)

CABLE No. 31P-101 FROM M/C-101 — 600V NYY 3C- 3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 15 2 KW | A 30 4 | No. 2 LVSA, BOA, AFC | NYY -4C | |

E NYY 1 -1C

## M/C-104 X6, l-1st Floor (BLOWING)

CABLE No. 31P-101 FROM M/C-101 — 600V NYY 3C- 3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 10 6 KW | A 21 2 | No. 1 BDT019 | NYY 2 .-4C | |

E NYY 1 -1C

## M/C-106 X7, j-1st Floor (WINDER)

CABLE No. 31P-103 — 600V NYY 1C-12 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 225/125 | 3¢3W 380V 50 0 KW | A 100 0 | No. 1 ~ No. 4 WINDER (12 5 KW) | NYY 2 -4C | |
| 2 | ELCB-3P 225/125 | 3¢3W 380V 50 0 KW | A 100 0 | No. 5 ~ No. 8 WINDER (12 5 KW) | NYY 2 -4C | |
| 3 | ELCB-3P 100/100 | 3¢3W 380V 37 5 KW | A 75 0 | No. 9 ~ No. 11 WINDER (12 5 KW) | NYY 1 -4C | |
| | Total | 3¢3W 380V 137 5 KW | A 275 0 | | | |

E NYY 1 -1C

## M/C-108 X14, j-1st Floor (RING-FRAME)

CABLE No. 31P-104 — 600V NYY 1C-40 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 1 RING FRAME | NYY 2 -4C | |
| 2 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 2 RING FRAME | NYY 2 -4C | |
| 3 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 3 RING FRAME | NYY 2 -4C | |
| 4 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 4 RING FRAME | NYY 2 -4C | |
| 5 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 5 RING FRAME | NYY 2 -4C | |
| 6 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 6 RING FRAME | NYY 2 -4C | |
| | Total | 3¢3W 380V 306 0 KW | A 612 0 | | | |

CABLE No. 31P-105 — 600V NYY 1C-40 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 7 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 7 RING FRAME | NYY 2 -4C | |
| 8 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 8 RING FRAME | NYY 2 -4C | |
| 9 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 9 RING FRAME | NYY 2 -4C | |
| 10 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 10 RING FRAME | NYY 2 -4C | |
| 11 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 11 RING FRAME | NYY 2 -4C | |
| 12 | ELCB-3P 50/50 | 3¢3W 380V 16 5 KW | A 38 9 | No. 1 ~ No. 11 BLOW CLEANER (1 5 KW) | NYY -4C | |
| | Total | 3¢3W 380V 271 5 KW | A 549 0 | | | |

E NYY 1 -1C

## M/C-110 X15, j-1st Floor (RING-FRAME)

CABLE No. 31P-106 — 600V NYY 1C-40 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 22 RING FRAME | NYY 2 -4C | |
| 2 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 23 RING FRAME | NYY 2 -4C | |
| 3 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 24 RING FRAME | NYY 2 -4C | |
| 4 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 25 RING FRAME | NYY 2 -4C | |
| 5 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 26 RING FRAME | NYY 2 -4C | |
| 6 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 27 RING FRAME | NYY 2 -4C | |
| | Total | 3¢3W 380V 306 0 KW | A 612 0 | | | |

CABLE No. 31P-107 — 600V NYY 1C-40 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 7 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 28 RING FRAME | NYY 2 -4C | |
| 8 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 29 RING FRAME | NYY 2 -4C | |
| 9 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 30 RING FRAME | NYY 2 -4C | |
| 10 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 31 RING FRAME | NYY 2 -4C | |
| 11 | ELCB-3P 225/150 | 3¢3W 380V 51 0 KW | A 102 0 | No. 32 RING FRAME | NYY 2 -4C | |
| 12 | ELCB-3P 50/50 | 3¢3W 380V 16 5 KW | A 38 9 | No. 22 ~ No. 32 BLOW CLEANER (1 5 KW) | NYY -4C | |
| | Total | 3¢3W 380V 271 5 KW | A 549 0 | | | |

E NYY 1 -1C

## M/C-112 X23, j-1st Floor (WINDER)

CABLE No. 31P-108 — 600V NYY 1C-12 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 225/125 | 3¢3W 380V 50 0 KW | A 100 0 | No. 22 ~ No. 25 WINDER (12 5 KW) | NYY 2 -4C | |
| 2 | ELCB-3P 225/125 | 3¢3W 380V 50 0 KW | A 100 0 | No. 26 ~ No. 29 WINDER (12 5 KW) | NYY 2 -4C | |
| 3 | ELCB-3P 100/100 | 3¢3W 380V 37 5 KW | A 75 0 | No. 30 ~ No. 32 WINDER (12 5 KW) | NYY 1 -4C | |
| | Total | 3¢3W 380V 137 5 KW | A 275 0 | | | |

E NYY 1 -1C

## M/C-201 X5, m-2nd Floor (BLOWING)

CABLE No. 33P-201 — 600V NYY 3C-18

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 62 63 KW | A 125 0 | No. 1 BLOWING | NYY 3 -4C | |

E NYY 1 -1C

## M/C-202 X5, m-2nd Floor (BLOWING)

CABLE No. 33P-201 FROM M/C-101 — 600V NYY 3C-18

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 62 63 KW | A 125 0 | No. 2 BLOWING | NYY 3 -4C | |

E NYY 1 -1C

## M/C-204 X4, j-2nd Floor (CARD)

CABLE No. 33P-203 — 600V NYY 1C-30 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 100/75 | 3¢3W 380V 33 9 KW | A 67 8 | No. 1 ~ No. 3 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 2 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 4, No. 5 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 3 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 6, No. 7 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 4 | ELCB-3P 100/75 | 3¢3W 380V 33 9 KW | A 67 8 | No. 8 ~ No. 10 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 5 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 11, No. 12 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 6 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 13, No. 14 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 7 | ELCB-3P 100/75 | 3¢3W 380V 33 9 KW | A 67 8 | No. 15 ~ No. 17 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 8 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 18, No. 19 CARD M/C (11 3 KW) | NYY 1 -4C | |
| 9 | ELCB-3P 50/50 | 3¢3W 380V 22 6 KW | A 45 2 | No. 20, No. 21 CARD M/C (11 3 KW) | NYY 1 -4C | |
| | Total | 3¢3W 380V 237 2 KW | A 475 0 | | | |

E NYY 1 -1C

## M/C-206 X12, j-2nd Floor (LAP)

CABLE No. 33P-204 to M/C-208 — 600V NYY 1C-40 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 1 LAP M/C (HL-100) | NYY -4C | |
| 2 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 2 LAP M/C (HL-100) | NYY -4C | |
| 3 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 3 LAP M/C (HL-100) | NYY -4C | |
| | Total | 3¢3W 380V 54 0 KW | A 108 0 | | | |

E NYY 1 -1C

## M/C-208 X16, j-2nd Floor (COMBER)

CABLE No. 33P-204 — 600V NYY 1C-24 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 1, No. 2 COMBER (9 0 KW) | NYY -4C | |
| 2 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 3, No. 4 COMBER (9 0 KW) | NYY -4C | |
| 3 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 5, No. 6 COMBER (9 0 KW) | NYY -4C | |
| 4 | ELCB-3P 50/50 | 3¢3W 380V 9 0 KW | A 18 0 | No. 7 COMBER | NYY 1 .-4C | |
| 5 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 8, No. 9 COMBER (9 0 KW) | NYY -4C | |
| 6 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 10, No. 11 COMBER (9 0 KW) | NYY -4C | |
| 7 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 12, No. 13 COMBER (9 0 KW) | NYY -4C | |
| 8 | ELCB-3P 50/50 | 3¢3W 380V 9 0 KW | A 18 0 | No. 14 COMBER | NYY 1 .-4C | |
| 9 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 15, No. 16 COMBER (9 0 KW) | NYY -4C | |
| 10 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 17, No. 18 COMBER (9 0 KW) | NYY -4C | |
| 11 | ELCB-3P 50/50 | 3¢3W 380V 18 0 KW | A 36 0 | No. 19, No. 20 COMBER (9 0 KW) | NYY -4C | |
| 12 | ELCB-3P 50/50 | 3¢3W 380V 9 0 KW | A 18 0 | No. 21 COMBER | NYY 1 .-4C | |
| | Total | 3¢3W 380V 214 2 KW | A 378 0 | | | |

E NYY 1 -1C

## M/C-210 X18, j-2nd Floor (1st, 2nd DRAW)

CABLE No. 33P-205 to M/C-212 — 600V NYY 1C-30 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 50/40 | 3¢3W 380V 14 0 KW | A 28 0 | No. 1 1st DRAW (SB-2) | NYY -4C | |
| 2 | ELCB-3P 50/40 | 3¢3W 380V 14 0 KW | A 28 0 | No. 2 1st DRAW (SB-2) | NYY -4C | |
| 3 | ELCB-3P 50/40 | 3¢3W 380V 14 0 KW | A 28 0 | No. 3 1st DRAW (SB-2) | NYY -4C | |
| 4 | ELCB-3P 50/40 | | | SPARE | | |
| 5 | ELCB-3P 50/40 | 3¢3W 380V 12 0 KW | A 24 0 | No. 1, No. 2 2nd DRAW (RSB1) (6 0 KW) | NYY 2 .-4C | |
| 6 | ELCB-3P 50/40 | 3¢3W 380V 12 0 KW | A 24 0 | No. 3, No. 4 2nd DRAW (RSB1) (6 0 KW) | NYY 2 .-4C | |
| 7 | ELCB-3P 50/40 | 3¢3W 380V 12 0 KW | A 24 0 | No. 5, No. 6 2nd DRAW (RSB1) (6 0 KW) | NYY 2 .-4C | |
| 8 | ELCB-3P 50/40 | | | SPARE | | |
| | Total | 3¢3W 380V 78 0 KW | A 156 0 | | | |

E NYY 1 -1C

## M/C-212 X24, j-2nd Floor (SIMPLEX)

CABLE No. 33P-205 — 600V NYY 1C-24 ×3 (2F, TR, PL)

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| 1 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 1 FL16 (15 0 KW) | NYY -4C | |
| 2 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 2 FL16 (15 0 KW) | NYY -4C | |
| 3 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 3 FL16 (15 0 KW) | NYY -4C | |
| 4 | ELCB-3P 50/50 | | | SPARE | | |
| 5 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 5 FL16 (15 0 KW) | NYY -4C | |
| 6 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 6 FL16 (15 0 KW) | NYY -4C | |
| 7 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 7 FL16 (15 0 KW) | NYY -4C | |
| 8 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 8 FL16 (15 0 KW) | NYY -4C | |
| 9 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 14 FL16 (15 0 KW) | NYY -4C | 2xt-Construction |
| 10 | ELCB-3P 50/50 | 3¢3W 380V 15 0 KW | A 30 0 | No. 15 FL16 (15 0 KW) | NYY -4C | 2xt-Construction |
| | Total | 3¢3W 380V 135 0 KW | A 270 0 | | | |

E NYY 1 -1C

## C/U-11 X3, AB-1st Floor (New Chiller & Pump Room)

CABLE No. 32P-101 — 600V NYY 1C-30 ×3×2

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| | | 3¢3W 380V 470 0 KW | A 890 0 | No. 3 CHILLER | | |

E NYY 1 -1C

## A/C-11 X5, o-1st Floor (AC-11)

CABLE No. 32P-103 — 600V NYY 3C-12

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| L-S 1 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 1 SF Supply Air Fan | NYY -4C | |
| L-S 2 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 2 SF Supply Air Fan | NYY -4C | |
| S-D 3 | ELCB-3P 100/100 | 3¢3W 380V 30 0 KW | A 59 5 | RF Return Air Fan | NYY -3C(×2) E1 | |
| L-S 4 | ELCB-3P 50/50 | 3¢3W 380V 11 0 KW | A 23 1 | WP Washer Pump | NYY 2 .-4C | |
| L-S 5 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 6 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 1 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 7 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 2 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 8 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 1 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 9 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 2 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 10 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 3 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 11 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 4 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 12 | ELCB-3P 50/30 | 3¢3W 380V 7 5 KW | A 16 5 | No. 1 CWP Chiled Water Return Pump | NYY 2 .-4C | |
| L-S 13 | ELCB-3P 50/30 | 3¢3W 380V 7 5 KW | A 16 5 | No. 2 CWP Chiled Water Return Pump | NYY 2 .-4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 95 7 KW | A 200 0 | | | |

E NYY 1 -1C

## A/C-12 X10, j-1st Floor (AC-12)

CABLE No. 32P-106 — 600V NYY 1C-24 ×3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| L-S 1 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 1 SF Supply Air Fan | NYY -4C | |
| L-S 2 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 2 SF Supply Air Fan | NYY -4C | |
| L-S 3 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 3 SF Supply Air Fan | NYY -4C | |
| L-S 4 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 4 SF Supply Air Fan | NYY -4C | |
| L-S 5 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 5 SF Supply Air Fan | NYY -4C | |
| S-D 6 | ELCB-3P 100/100 | 3¢3W 380V 30 0 KW | A 59 5 | No. 1 RF Return Air Fan | NYY -3C(×2) E1 | |
| S-D 7 | ELCB-3P 100/100 | 3¢3W 380V 30 0 KW | A 59 5 | No. 2 RF Return Air Fan | NYY -3C(×2) E1 | |
| S-D 8 | ELCB-3P 100/100 | 3¢3W 380V 30 0 KW | A 59 5 | No. 3 RF Return Air Fan | NYY -3C(×2) E1 | |
| L-S 9 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 4 RF Return Air Fan | NYY -4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 194 0 KW | A 396 0 | | | |

CABLE No. 32P-107 — 600V NYY 1C-24 ×3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| L-S 10 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 1 WP Washer Pump | NYY -4C | |
| L-S 11 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 2 WP Washer Pump | NYY -4C | |
| L-S 12 | ELCB-3P 50/30 | 3¢3W 380V 7 5 KW | A 16 5 | No. 3 WP Washer Pump | NYY 2 .-4C | |
| L-S 13 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 1 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 14 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 2 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 15 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 3 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 16 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 4 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 17 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 5 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 18 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 1 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 19 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 2 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 20 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 3 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 21 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 4 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 22 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 1 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 23 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 2 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 24 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 3 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 25 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 4 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 26 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 5 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 27 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 6 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 28 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 7 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 29 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 8 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 30 | ELCB-3P 225/150 | 3¢3W 380V 45 0 KW | A 89 2 | No. 1 CWP Chiled Water Return Pump | NYY 2 -4C | |
| L-S 31 | ELCB-3P 225/150 | 3¢3W 380V 45 0 KW | A 89 2 | No. 2 CWP Chiled Water Return Pump | NYY 2 -4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 154 2 KW | A 321 0 | | | |

E NYY 1 -1C

## A/C-13 X19, h'-1st Floor (AC-13)

CABLE No. 33P-102 — 600V NYY 1C-30 ×3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| L-S 1 | ELCB-3P 50/50 | 3¢3W 380V 11 0 KW | A 23 1 | No. 1 SF Supply Air Fan | NYY 2 .-4C | |
| L-S 2 | ELCB-3P 50/50 | 3¢3W 380V 11 0 KW | A 23 1 | No. 2 SF Supply Air Fan | NYY 2 .-4C | |
| L-S 3 | ELCB-3P 50/50 | 3¢3W 380V 11 0 KW | A 23 1 | No. 3 SF Supply Air Fan | NYY 2 .-4C | |
| L-S 4 | ELCB-3P 50/50 | 3¢3W 380V 11 0 KW | A 23 1 | No. 4 SF Supply Air Fan | NYY 2 .-4C | |
| L-S 5 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 5 SF Supply Air Fan | NYY -4C | |
| S-D 6 | ELCB-3P 100/100 | 3¢3W 380V 22 0 KW | A 44 1 | No. 1 RF Return Air Fan | NYY -3C(×2) E1 | |
| S-D 7 | ELCB-3P 100/100 | 3¢3W 380V 22 0 KW | A 44 1 | No. 2 RF Return Air Fan | NYY -3C(×2) E1 | |
| L-S 8 | ELCB-3P 100/75 | 3¢3W 380V 15 0 KW | A 30 7 | No. 3 RF Return Air Fan | NYY -4C | |
| L-S 9 | ELCB-3P 100/75 | 3¢3W 380V 18 5 KW | A 38 8 | No. 1 WP Washer Pump | NYY -4C | |
| L-S 10 | ELCB-3P 50/30 | 3¢3W 380V 7 5 KW | A 16 5 | No. 2 WP Washer Pump | NYY 2 .-4C | |
| L-S 11 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 1 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 12 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 2 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 13 | ELCB-3P 50/15 | 3¢3W 380V 0 1 KW | A 0 8 | No. 3 RFw Rotary Water Filter | NYY 2 .-4C | |
| L-S 14 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 1 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 15 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 2 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 16 | ELCB-3P 50/15 | 3¢3W 380V 0 4 KW | A 1 24 | No. 3 RFA Rotary Air Filter | NYY 2 .-4C | |
| L-S 17 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 1 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 18 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 2 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 19 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 3 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 20 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 4 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 21 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 5 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 22 | ELCB-3P 50/15 | 3¢3W 380V 2 2 KW | A 4 91 | No. 6 WSF Waste Section Fan | NYY 2 .-4C | |
| L-S 23 | ELCB-3P 100/100 | 3¢3W 380V 26 0 KW | A 53 0 | No. 1 CWP Chiled Water Return Pump | NYY 1 -4C | |
| L-S 24 | ELCB-3P 100/100 | 3¢3W 380V 26 0 KW | A 53 0 | No. 2 CWP Chiled Water Return Pump | NYY 1 -4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 210 7 KW | A 439 0 | | | |

E NYY 1 -1C

## A/C-15 X3, AD-1st Floor (Pump R/M)

CABLE No. 31P-109 — 600V NYY 3C-15 ×3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| S-D 1 | ELCB-3P 100/100 | 3¢3W 380V 22 0 KW | A 44 1 | CT-3 Cooling Tower Fan | NYY 1 -4C | |
| S-D 2 | ELCB-3P 225/150 | 3¢3W 380V 75 0 KW | A 148 0 | CP-4 Condenser Pump | NYY 5 -4C | |
| S-D 3 | ELCB-3P 225/150 | 3¢3W 380V 75 0 KW | A 148 0 | CP-5 Condenser Pump | NYY 5 -4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 172 0 KW | A 341 0 | | | |

CABLE No. 31P-110 — 600V NYY 3C-40 ×3

| No. | CIRCUIT BREAKER | OUT-PUT [KW] | IN-PUT [A] | NAME of MACHINE | WIRING SIZE | REMARKS |
|---|---|---|---|---|---|---|
| L-S 4 | ELCB-3P 225/150 | 3¢3W 380V 45 0 KW | A 89 2 | CWSP-1 Chiled Water Supply Pump | NYY 2 -4C | |
| L-S 5 | ELCB-3P 225/150 | 3¢3W 380V 45 0 KW | A 89 2 | CWSP-2 Chiled Water Supply Pump | NYY 2 -4C | |
| L-S 6 | ELCB-3P 225/150 | 3¢3W 380V 45 0 KW | A 89 2 | CWSP-3 Chiled Water Supply Pump | NYY 2 -4C | |
| L-S 7 | ELCB-3P 225/200 | 3¢3W 380V 55 0 KW | A 110 0 | CWP-4 Cled Water Pump | NYY 3 -4C | |
| L-S 8 | ELCB-3P 225/200 | 3¢3W 380V 55 0 KW | A 110 0 | CWP-5 Cled Water Pump | NYY 3 -4C | |
| TR-1¢ 400/110 | | | | Controle Circuit | | |
| | Total | 3¢3W 380V 245 0 KW | A 488 0 | | | |

E NYY 1 -1C

| MARK | DESCRIPTION | DATE | CHECKED |
|---|---|---|---|
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REVISIONS

TITLE: THAI ALLIANCE TEXTILE CO., LTD.

Connection Diagram of Distribution-Board (PHASE-I)-No. 1/2

| | | | |
|---|---|---|---|
| DRAWN | K. Sakai | DATE 25/DEC./1995 | SCALE ----- |
| CHECKED | U. Aoyama | DWG No. TX-E-005 | △ |
| APPROVED | 橋 寿 | | |

TOYOBO ENGINEERING CO LTD.