


— .Design scope and requirements

1.STANDARD OPERATING CONSEL: 4SET

2.Color code: RAL7035

— .Drawing description

1. 1.STANDARD OPERATING CONSEL FP914-A2,EQUIPED WITH BUTTON.

| | | | | | | |
|---|--------------|---|---------------------------|------|----------------|--------------|
|  HANGZHOU HOLLYS AUTOMATION CO.,LTD. | | Ethiopia Welkait Sugar Cane Factory Project | | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | Design Description | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPEOVED | Xiaohai WANG | 17.03.02 | | | | |
| SIGNED | Jie ZHANG | 17.03.02 | | | | |
| | | VER. | | | | |
| | | DWG NO. | BHE-17020007/01-000931-02 | | | |
| | | B | PAGE 1 | OF 1 | B17-P11-000931 | |

DESCRIPTION

1. STANDARD OPERATING CONSOLE FP914-A2,EQUIPED WITH BUTTON
2. TOTALLY 1 SET.

| Button | Label | Label | 组合方式 |
|---------|------------|-----------------|------------------------------|
| SB1/SB2 | 1#辅助主燃料阀 | 1# MFT | 四开四闭红色蘑菇头自锁按钮(带保护盖) |
| SB3 | 开1#辅助泵溢流空间 | OP 1#B, EVA VLV | 两开两闭自锁红色带灯按钮, 灯压AC220V(带保护盖) |
| SB4 | 关1#辅助泵溢流空间 | CL 1#B, EVA VLV | 两开两闭自锁绿色带灯按钮, 灯压AC220V(带保护盖) |
| | | | |

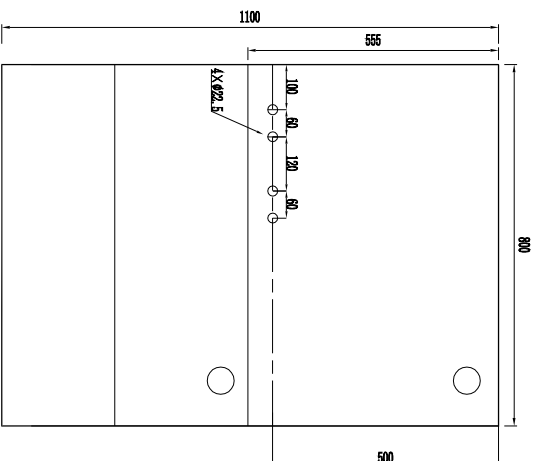


TABLE-BOARD HOLE

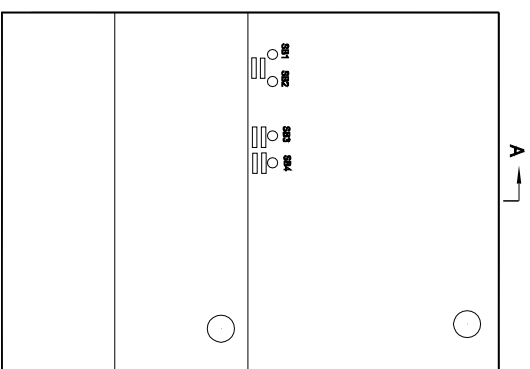
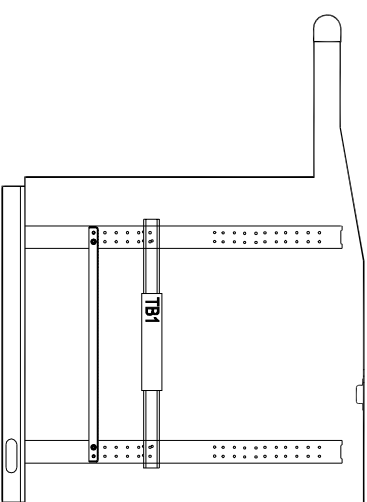


TABLE-BOARD



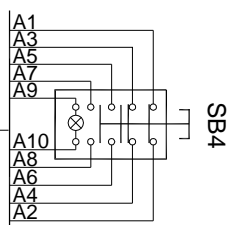
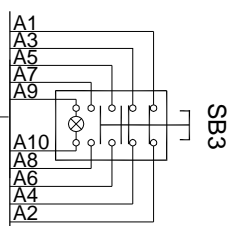
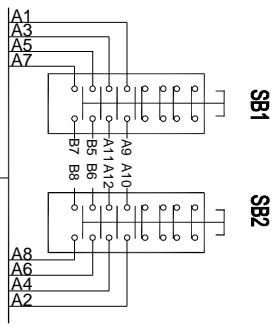
SECTION VIEW(A-A)


| | | | | | | | |
|----------|--------------|----------|---|---------------------------|-------------|----------------|--|
| | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTIONS | |
| DESIGN | Lihong SHI | 17.03.02 | #1 OPERATING CONSOLE/TABLE-BOARD | | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | | |
| APPEOVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-001-02 | | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | B | PAGE 1 OF 1 | B17-P11-000831 | |

| TB1 | | |
|-----|-------|-----|
| 1D | 1#MFT | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| • | 13 | A9 |
| • | 14 | A10 |
| • | 15 | A11 |
| • | 16 | A12 |

| | | |
|----|-----------------|-----|
| 2D | OP 1#B. EVA VLV | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |

| | | |
|----|-----------------|-----|
| 3D | CL 1#B. EVA VLV | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |



| | | | | | | | |
|---|--------------|----------|---|---------------------------|-------------|----------------|--------------|
|  HANGZHOU HOLLYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | #1 OPERATING CONSOLETABLE-BOARD | | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-001-03 | | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 1 OF 1 | B17-P11-000831 | |

DESCRIPTION

- 1.STANDARD OPERATING CONSEL FP914-A2,EQUIPED WITH BUTTON
2.TOTALY 1 SET.

| Button | Label | 2# MFT | Label | 组合方式 |
|---------|------------|-----------------|-------|------------------------------|
| SB1/SB2 | 2#锅炉主燃料蝶阀 | OP 2#B, EVA.VLV | | 四开四闭红色蘑菇头自锁组(带保护盖) |
| SB3 | 开2#锅炉紧急排空阀 | CL 2#B, EVA.VLV | | 两开两闭自锁红色带灯按钮, 灯压AC220V(带保护盖) |
| SB4 | 关2#锅炉紧急排空阀 | | | 两开两闭自锁绿色带灯按钮, 灯压AC220V(带保护盖) |
| | | | | |

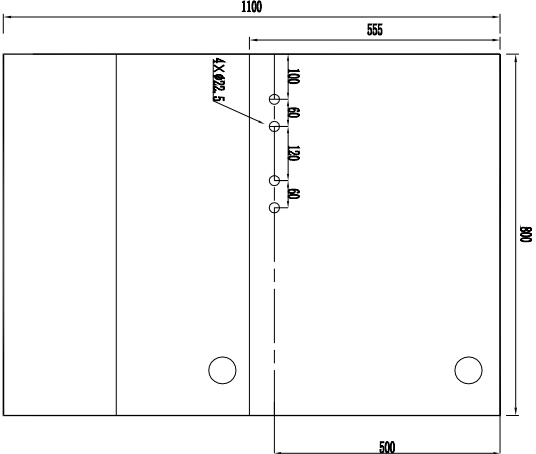


TABLE-BOARD HOLE

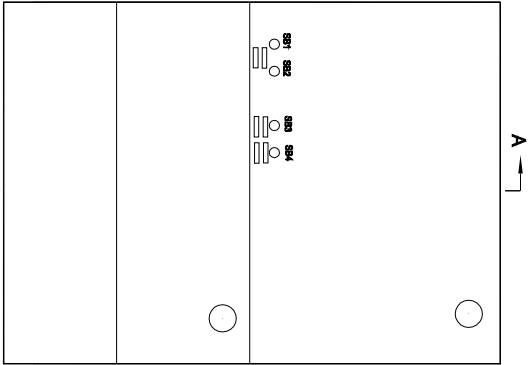
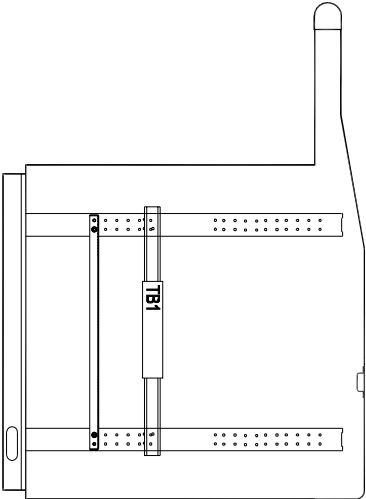




TABLE-BOARD



SECTION VIEW(A-A)

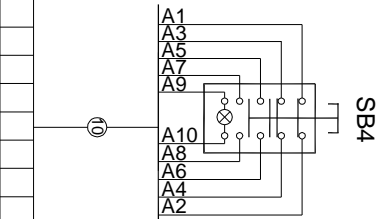
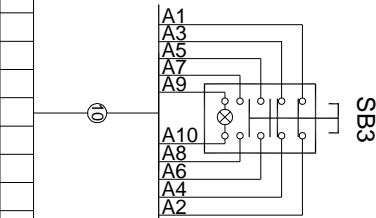
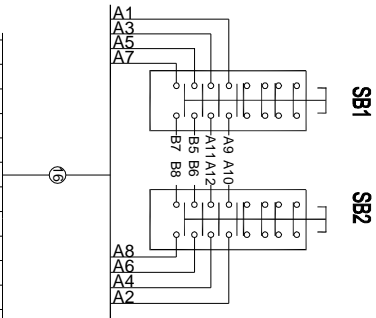
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|---|--------------|----------|---|---------------------------|-------------|----------------|--|--|
|  HANGZHOU HOLLYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION | | |
| DESIGN | Lihong SHI | 17.03.02 | #2 OPERATING CONSOLETABLE-BOARD | | | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | | | |
| APPEOVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-002-02 | | | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | B | PAGE 1 OF 1 | B17-P11-000831 | | |

| | | | | | | |
|--|--------------|----------|---|---------------------------|-------------|----------------|
|  HANGZHOU HOLLYSYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | #2 OPERATING CONSOLE/TABLE-BOARD | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-002-03 | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 1 OF 1 | B17-P11-000931 |

| TB1 | | |
|-----|-------|-----|
| 1D | 2#MFT | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| ● | 13 | A9 |
| ● | 14 | A10 |
| ● | 15 | A11 |
| ● | 16 | A12 |

| 2D | OP 2#B. EVA VLV | |
|----|-----------------|-----|
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |

| 3D | CL 2#B. EVA VLV | |
|----|-----------------|-----|
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |



DESCRIPTION

1. STANDARD OPERATING CONSEL FP914-A2, EQUIPED WITH BUTTON

2.TOTALLY 1 SET.

| Button | Label | Label | 组合方式 |
|---------|---------------|-------------------|----------------------------|
| S81/S82 | 件大铁机紧急制动 | #1, T, TRIP | 两开四闭红色蘑菇头自锁钮(带保护盖) |
| S83 | 启动1#、2#列车交流油泵 | ST #1, T, AC -OP | 两开两闭自锁绿色带灯按钮 灯压AC20V(带保护盖) |
| S84 | 启动1#、2#列车直流油泵 | ST #1, T, DCI -OP | 两开两闭自锁绿色带灯按钮 灯压AC20V(带保护盖) |
| S85/S86 | 件大铁机出刀断路器跳闸 | #1 GEN, FDS TRIP | 两开两闭红色自锁钮(带保护盖) |
| S87/S88 | 件大铁机刀架锁闭 | #1 GEN, FDS TRIP | 两开两闭红色自锁钮(带保护盖) |

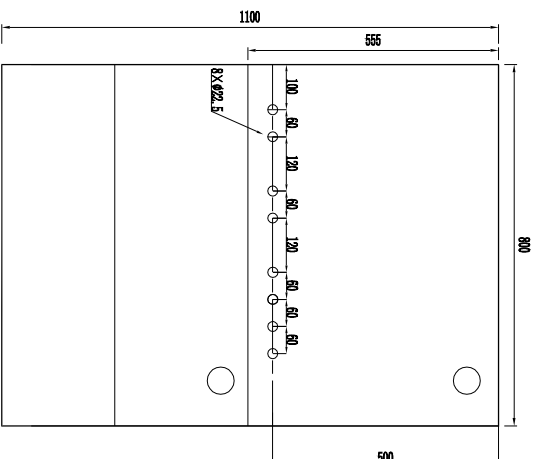


TABLE-BOARD HOLE

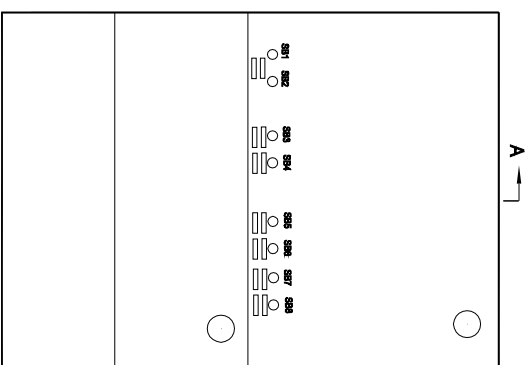
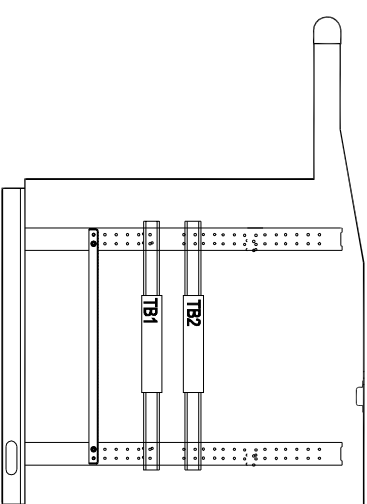




TABLE-BOARD



SECTION VIEW(A-A)

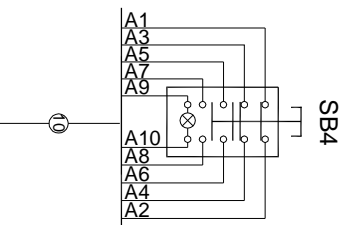
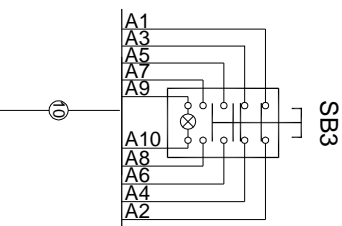
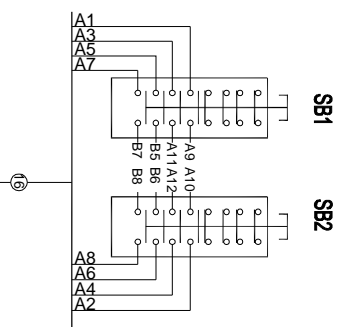
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|---|---|----------|-----------------------------------|
|  HANGZHOU HOLLIS'S AUTOMATION CO., LTD. | Ethiopia Welkait Sugar Cane Factory Project | | CONSTRUCTION: |
| | #3 OPERATING CONSOLE/TABLE BOARD | | |
| | | | |
| | | | |
| | | | |
| DESIGN | Lihong SHI | 17.03.02 | |
| CHECKED | Lijun PAN | 17.03.02 | |
| APPROVED | Xiaoqi WANG | 17.03.02 | DWG NO. BHE-17020007/01-C7-003-02 |
| SIGNED | Jie ZHANG | 17.03.02 | VER. B PAGE 1 OF 1 B17-P11-00031 |

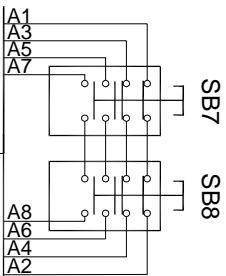
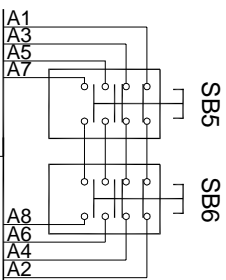
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|---|--------------|---|----------------------------------|---------------------------|-------------|----------------|
|  HANGZHOU HOLLYSYS AUTOMATION CO.,LTD. | | Ethiopia Welkait Sugar Cane Factory Project | | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | #3 OPERATING CONSOLE/TABLE-BOARD | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-003-03 | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 1 OF 2 | B17-P11-000931 |

| TB1 | | |
|-----|-----------|-----|
| ID | 1# T.TRIP | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| • | 13 | A9 |
| • | 14 | A10 |
| • | 15 | A11 |
| • | 16 | A12 |


| 2D ST 1# T.AC L-OP | | |
|--------------------|----|-----|
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |

| 3D ST 1# T.DC L-OP | | |
|--------------------|----|-----|
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |





| TB2 | | |
|---------------------|----|-----|
| 1D 1# GEN.BRK TRIP | | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| • | 13 | A9 |
| • | 14 | A10 |
| • | 15 | A11 |
| • | 16 | A12 |
| 2D 1# GEN. FDS TRIP | | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| • | 13 | A9 |
| • | 14 | A10 |
| • | 15 | A11 |
| • | 16 | A12 |

|  HANGZHOU HOLLYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION |
|---|--------------|----------|---|---------------------------|-------------|----------------|
| DESIGN | Lihong SHI | 17.03.02 | #3 OPERATING CONSOLE TABLE-BOARD | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-003-03 | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 2 OF 2 | B17-P11-000931 |

DESCRIPTION

- 1.STANDARD OPERATING CONSEL FP914-A2.EQUIPED WITH BUTTON
2.TOTALLY 1 SET.

| Button | Label | Label | 组合方式 |
|---------|--------------|------------------|------------------------------|
| SB1/SB2 | 2#汽轮机紧急跳机 | 2# 1.TRIP | 四开四闭红色蘑菇头自锁组(带保护盖) |
| SB3 | 启动2#汽轮机交流油泵 | ST 2# T.AC L-OP | 两开两闭自锁红色带灯按钮, 灯压AC220V(带保护盖) |
| SB4 | 启动2#汽轮机直流油泵 | ST 2# 1.DC L-OP | 两开两闭自锁红色带灯按钮, 灯压AC220V(带保护盖) |
| SB5/SB6 | 2#发电机出口断路器跳闸 | 2# GEN.BRK TRIP | 两开两闭红色自锁组(带保护盖) |
| SB7/SB8 | 2#灭磁开关跳闸 | 2# GEN. FDS TRIP | 两开两闭红色自锁组(带保护盖) |

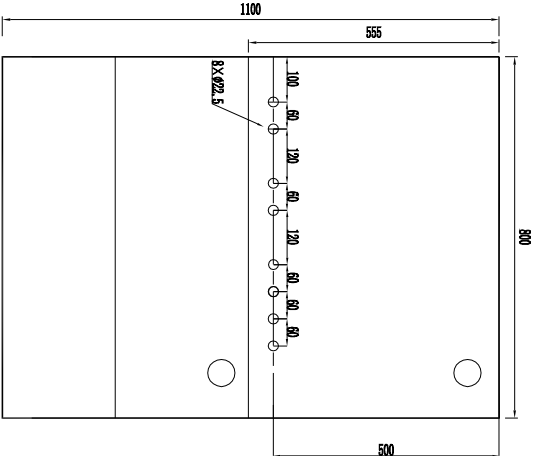


TABLE-BOARD HOLE

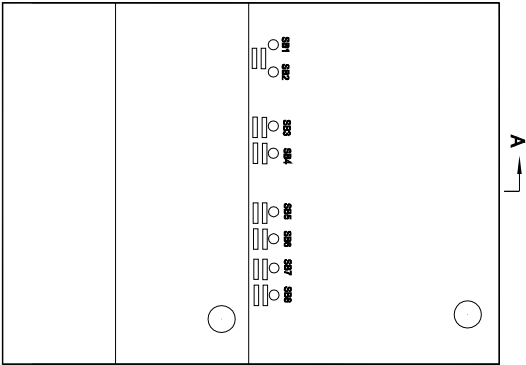
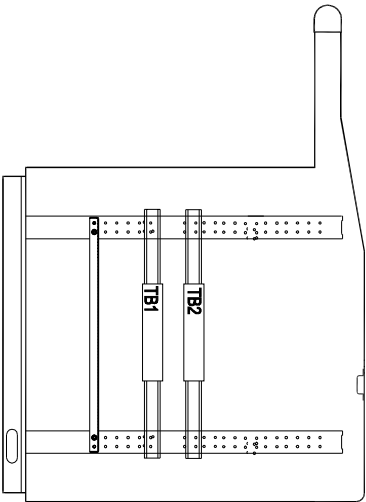



TABLE-BOARD

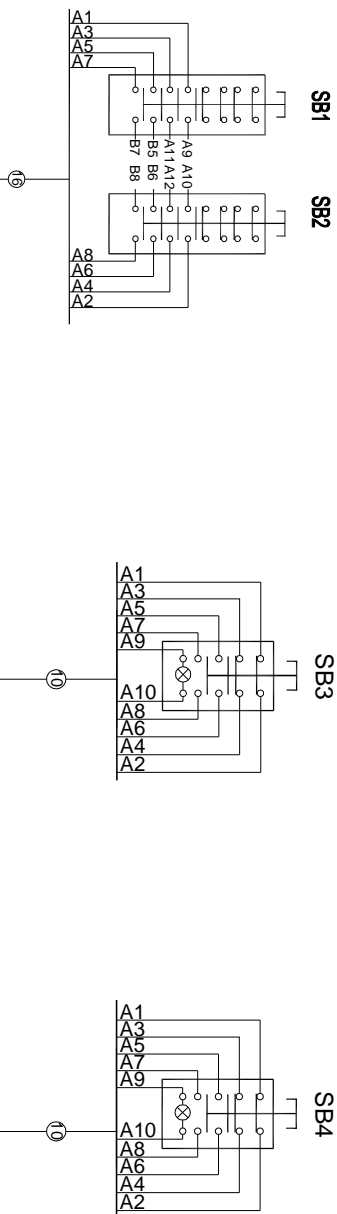


SECTION VIEW(A-A)

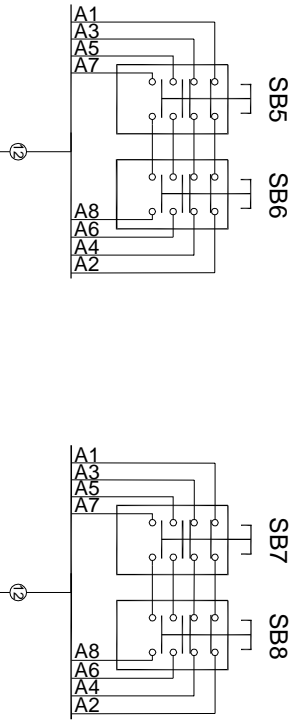
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|----------|--------------|----------|---|---------------------------|-------------|----------------|--|
| | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION | |
| DESIGN | Lihong SHI | 17.03.02 | #4 OPERATING CONSOLETABLE-BOARD | | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | | |
| APPEOVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-004-02 | | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | B | PAGE 1 OF 1 | B17-P11-000831 | |


| | | | | | | |
|--|--------------|----------|---|---------------------------|-------------|----------------|
|  HANGZHOU HOLLYSYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | #4 OPERATING CONSOLE/TABLE-BOARD | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-004-03 | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 1 OF 2 | B17-P11-000831 |

| TB1 | | |
|-----|-----------------|-----|
| 10 | 2# T.TRIP | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| | 13 | A9 |
| | 14 | A10 |
| | 15 | A11 |
| | 16 | A12 |
| 20 | ST 2# T.AC L-OP | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |
| 30 | ST 2# T.DC L-OP | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | A6 |
| | 7 | A7 |
| | 8 | A8 |
| | 9 | A9 |
| | 10 | A10 |
| | 11 | A11 |
| | 12 | A12 |
| | 13 | A13 |
| | 14 | A14 |



| TB2 | | |
|---------------------|----|-----|
| 1D 2# GEN.BRK TRIP | | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| ◆ | 13 | A9 |
| ◆ | 14 | A10 |
| ◆ | 15 | A11 |
| ◆ | 16 | A12 |
| 2D 2# GEN. FDS TRIP | | |
| | 1 | A1 |
| | 2 | A2 |
| | 3 | A3 |
| | 4 | A4 |
| | 5 | A5 |
| | 6 | B5 |
| | 7 | A6 |
| | 8 | B6 |
| | 9 | A7 |
| | 10 | B7 |
| | 11 | A8 |
| | 12 | B8 |
| ◆ | 13 | A9 |
| ◆ | 14 | A10 |
| ◆ | 15 | A11 |
| ◆ | 16 | A12 |



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|---|--------------|----------|---|---------------------------|-------------|----------------|
|  HANGZHOU HOLLYS AUTOMATION CO.,LTD. | | | Ethiopia Welkait Sugar Cane Factory Project | | | CONSTRUCTION |
| DESIGN | Lihong SHI | 17.03.02 | #4 OPERATING CONSOLE/TABLE-BOARD | | | |
| CHECKED | Lijun PAN | 17.03.02 | | | | |
| APPROVED | Xiaohai WANG | 17.03.02 | DWG NO. | BHE-17020007/01-C7-004-03 | | |
| SIGNED | Jie ZHANG | 17.03.02 | VER. | A | PAGE 2 OF 2 | B17-P11-000931 |