

LEGENDS

This diagram is a collection of electrical symbols and their corresponding labels, organized into two main sections: symbols and meanings.

Symbols

- AC MOTOR:** Represented by a circle containing 'M' and '3~'.
- GAS GENERATOR:** Represented by a circle containing 'G'.
- CIRCUIT BREAKER:** Represented by a switch symbol with 'CB' below it.
- RCCB:** Represented by a switch symbol with 'RCCB' below it.
- RESIDUAL- CURRENT CIRCUIT BREAKER:** Represented by a switch symbol with 'RCCB' below it.
- DISCONNECTOR SWITCH:** Represented by a switch symbol with 'DS' below it.
- OVERLOAD RELAY:** Represented by a switch symbol with 'OL' below it.
- INDICATING LAMP/LIGHT:** Represented by a circle with an 'X' inside.
- INTERMEDIATE RELAY:** Represented by a rectangle with a diagonal line.
- AMMETER:** Represented by a circle with 'A' inside.
- VOLTMETER:** Represented by a circle with 'V' inside.
- UNINTERRUPTABLE POWER SUPPLY:** Represented by a rectangle with 'UPS' inside.
- PANEL:** Represented by a rectangle with a diagonal line.
- LIGHTNING ARRESTOR:** Represented by a triangle with 'LA' below it.
- CABLE:** Represented by a line with a small arrowhead at the end.
- CONTACT, OVERLOAD RELAY:** Represented by a switch symbol with a diagonal line through it.
- SELECTOR SWITCH:** Represented by a switch symbol with 'SS.2' and terminals A and B.
- CONTACT, NORMALLY CLOSE:** Represented by a switch symbol with a dot inside.
- CONTACT, NORMALLY OPEN:** Represented by a switch symbol with a cross inside.
- START BUTTON:** Represented by a switch symbol with 'MM' inside.
- FUSE:** Represented by a rectangle with a diagonal line through it.
- VARIABLE SPEED DRIVE:** Represented by a circle with a diagonal line through it.
- MS:** Represented by a switch symbol with 'MS' below it.
- MAGNETIC CONTACTOR:** Represented by a switch symbol with 'd' above it.
- EARTH:** Represented by a circle with a lightning bolt symbol inside.
- REACTOR:** Represented by a triangle with a zigzag line inside.
- CAPACITOR BANK:** Represented by a triangle with a wavy line inside.
- ENERGY METER:** Represented by a rectangle with three boxes labeled 'COSφ', 'Varh', and 'Wh'.
- LOCAL CONTROL STATION WITH SELECTOR SWITCH:** Represented by a rectangle with a circle inside.
- LOCAL CONTROL STATION:** Represented by a rectangle with a circle inside.

Meanings

The following table provides the meanings for some of the symbols:

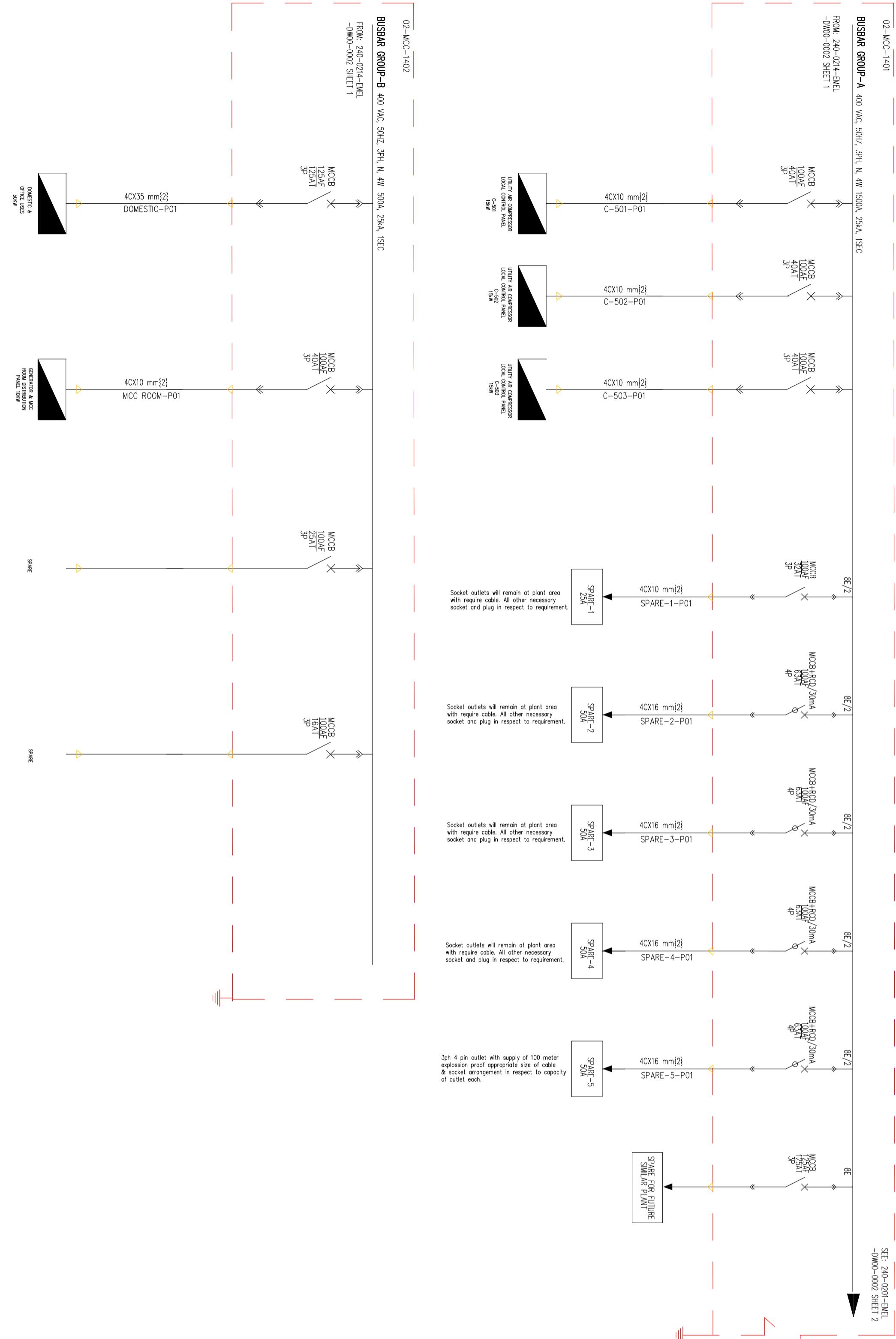
| Symbol | Meaning |
|--------|--|
| | AC MOTOR |
| | GAS GENERATOR |
| | CIRCUIT BREAKER |
| | RESIDUAL- CURRENT CIRCUIT BREAKER |
| | DISCONNECTOR SWITCH |
| | OVERLOAD RELAY |
| | INDICATING LAMP/LIGHT |
| | INTERMEDIATE RELAY |
| | AMMETER |
| | VOLTMETER |
| | UNINTERRUPTABLE POWER SUPPLY |
| | PANEL |
| | LIGHTNING ARRESTOR |
| | CABLE |
| | CONTACT, OVERLOAD RELAY |
| | SELECTOR SWITCH |
| | CONTACT, NORMALLY CLOSE |
| | CONTACT, NORMALLY OPEN |
| | START BUTTON |
| | FUSE |
| | VARIABLE SPEED DRIVE |
| | MS |
| | MAGNETIC CONTACTOR |
| | EARTH |
| | REACTOR |
| | CAPACITOR BANK |
| | ENERGY METER |
| | LOCAL CONTROL STATION WITH SELECTOR SWITCH |
| | LOCAL CONTROL STATION |

APPENDIX:

| REV | DATE | CLIENT APPROVAL | APPR'D |
|-----|---------------------|-----------------|--------|
| | | | |
| | | | |
| | | | |
| | | | |
| A | ISSUED FOR APPROVAL | AS | W/C |
| REV | DESCRIPTION | PREP'D | CHK'D |
| | | | APPD |
| | | | DATE |

FOR **ZAPPEX** EXPLORATION & PRODUCTION CO. LTD
BANGLADESH PETROLEUM
AND
ZICOOL
SINOPEC PETROLEUM ENGINEERING CORPORATION
TITLE: 60 MWSGD SULCAGE DEHYDRATION TYPE NATURAL GAS PROCESS PLANT
60 MWSGD SULCAGE DEHYDRATION TYPE NATURAL GAS PROCESS PLANT
TITLE: 60 MWSGD SULCAGE DEHYDRATION TYPE NATURAL GAS PROCESS PLANT
60 MWSGD SULCAGE DEHYDRATION TYPE NATURAL GAS PROCESS PLANT

MOTOR CONTROL CENTER (MCC)



| REV | DATE | APPR'D |
|-----------------|------|--------|
| CLIENT APPROVAL | | |

| REV | DESCRIPTION | PREF D | CHK D |
|-----------|-------------|--------|-------|
| REVISIONS | | | |


ZICOM CONSORTIUM OF
 ZICOM EQUIPMENT PTE. LTD.
 AND
 SINOPEC PETROLEUM ENGINEERING CORPORATION

60 MMSCFD SILICAGEL DEHYDRATION TYPE NATURAL GAS F

BAPPEX BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO.
CONSORTIUM OF

**B
R
E
W**

BANGLADESH PETROLEUM
EXPLORATION & PRODUCTION CO.

WAVE

ZICOM EQUIPMENT PTE LTD
CONSORTIUM OF

THE LAW OF LAW AND EQUITY AND THEIR RELATION TO THE CONSTITUTION

ZICOM SINOPEC PETROLEUM ENGINEERING CORPORATION

60 MMSCFD SILICAGEL DEHYDRATION TYPE NATURAL GAS F

SINGLE LINE DIAGRAM FOR MCC

11 of 11

FORMAT DRAWING NO

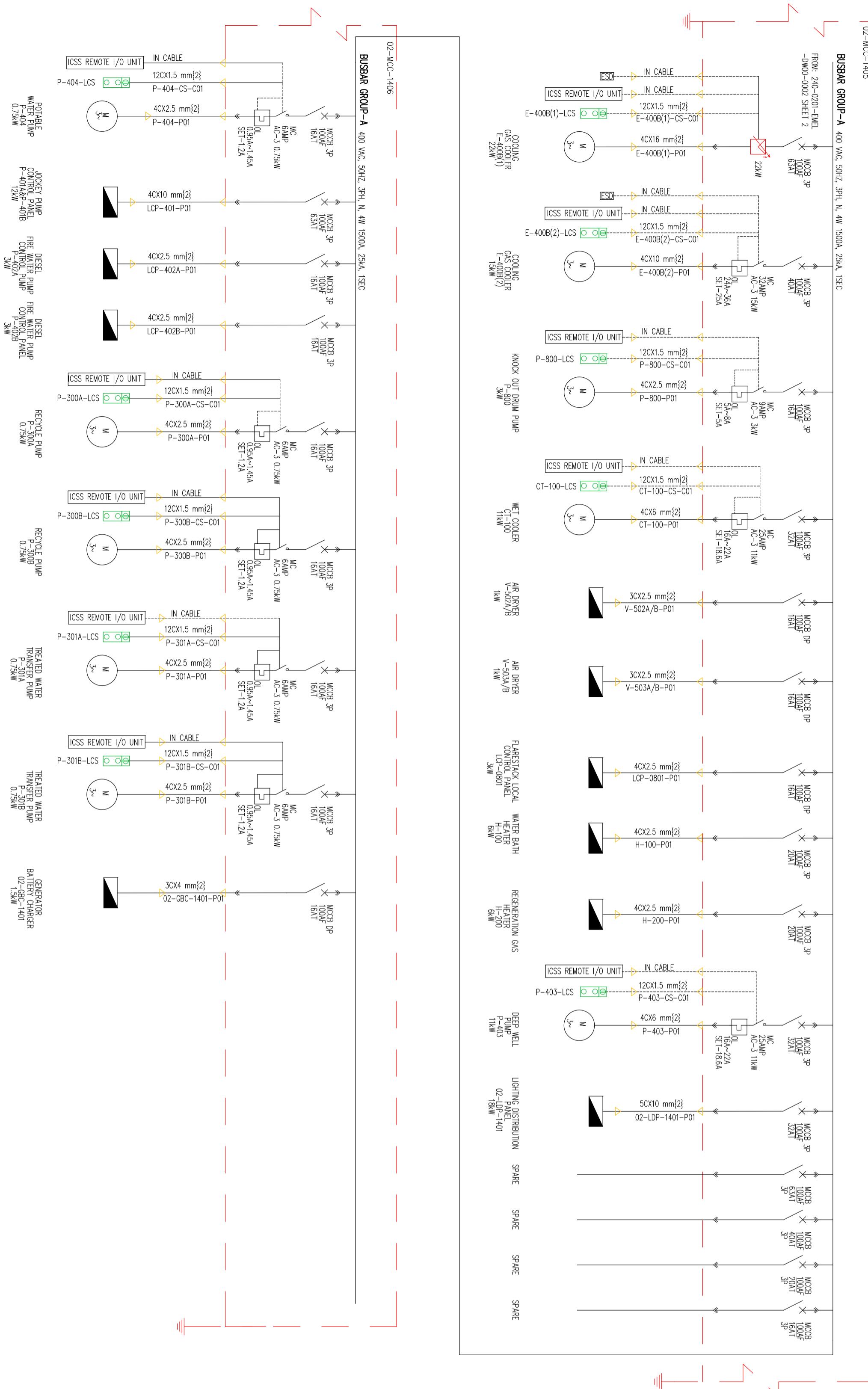
FIGURE DRAWING NO. 240-0214-EMEL-DW00-0002

AZ SCALE NTS SHEET 2 C

This Drawing is Property of Consortium of ZICOM Equipment Pte Ltd. & Sinopec Pte Corporation and any Information, contained in this Drawing will not be Reproduced.

Explicit Written Permission from ZICOM Equipment Pte Ltd., & Sinopec Petroleum E

MOTOR CONTROL CENTER (MCC)



| REV | DATE | CLIENT APPROVAL | APP |
|-----|------|-----------------|-----|
|-----|------|-----------------|-----|

| REV | DESCRIPTION | PREF | CHRD | APPD |
|-------|---|------|--|-----------|
| FOR | | | | |
| |    | | | |
| | ZICOM EQUIPMENT PTE. LTD. AND SINOPEC PETROLEUM ENGINEERING CORPORATION | | BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD | |
| TITLE | 60 MMSCF/D SILICAGEL DEHYDRATION TYPE NATURAL GAS PROCESS PLANT | | | REVISIONS |

FOR THE BAN APEX EXPLORATION

UM OF
TT PTE. LTD.
AD
G CORPORATION

GLADESH PETROLEUM
N & PRODUCTION CO. LTD

| REV | DESCRIPTION | REVISIONS | | |
|-----|-------------|---------------------|----|----|
| | | ISSUED FOR APPROVAL | AS | MH |
| A | | | | |

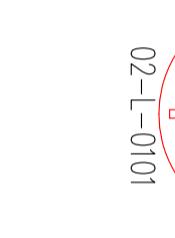
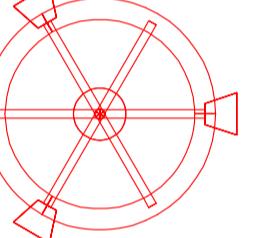
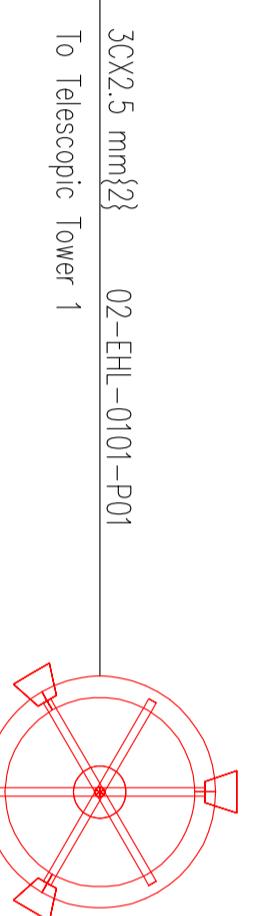
NORMAL AND EMERGENCY LIGHT

1 2 3 4 5 6 7 8 9

10 11 12

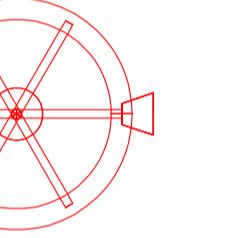
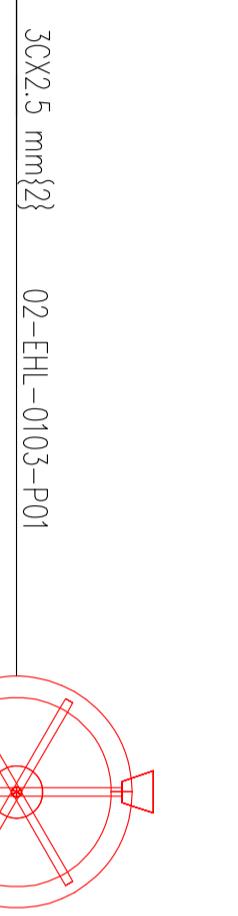
NOTE
1. Loading arm shed lights (02-L-0125 & 02-L-0126)
200W, IP65

LEGEND

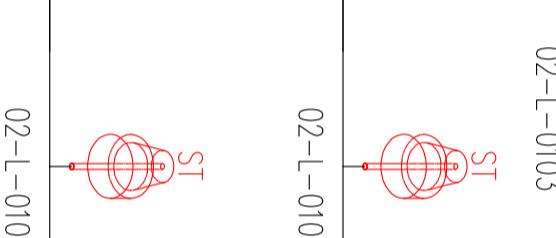
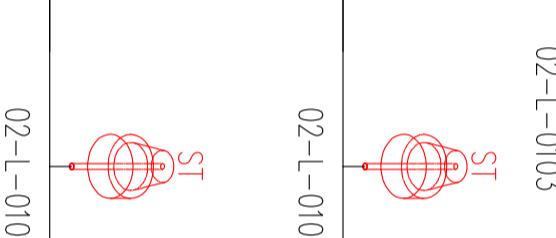
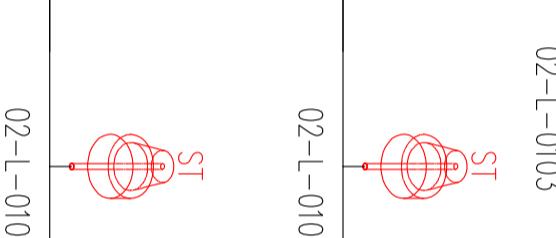
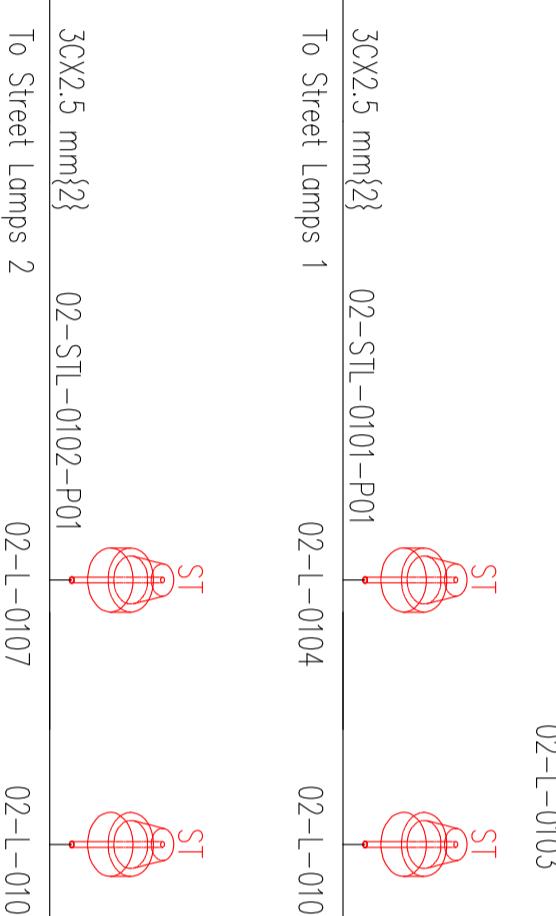
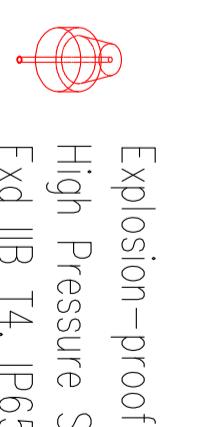
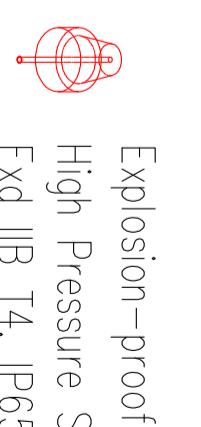
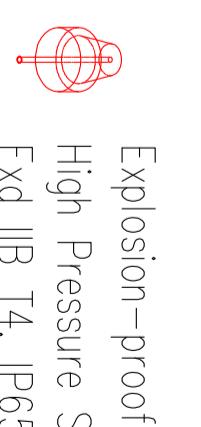
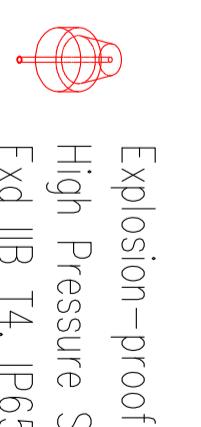


Explosion-Proof High Mast Light, High Voltage
Sodium Lamp, 3X400W, H=15m
Exd IIIB T4, IP65

Shed Lights(Normal):
Explosion-Proof Lamp, 18W
Exd IIB T4, IP65



Street Lamp(Single Head)
High Pressure Sodium Vapor Lamp, 100W
IP65



5CX10 mm² 02-LDP-1401-P01
FROM MCC ROOM :02-MCC-1405

| REV | DATE | CLIENT APPROVAL | APPRD |
|-----|---------------------|-----------------|----------------|
| | | | |
| | | | |
| | | | |
| | | | |
| A | ISSUED FOR APPROVAL | AS | MH VG 2015.12 |
| REV | DESCRIPTION | PREFD | CHKD APPD DATE |
| | REVISIONS | | |

| FOR | BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD |
|-------|---|
| | CONSORTIUM OF ZICOM EQUIPMENT PTE. LTD. AND SINOPEC PETROLEUM ENGINEERING CORPORATION |
| | 60 MMSCFD SILICAGEL DEHYDRATION TYPE NATURAL GAS PROCESS PLANT |
| TITLE | SINGLE LINE DIAGRAM FOR NORMAL AND EMERGENCY LIGHT |

| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|----------|
| A 2 | 240-0214-EMEL-DW00-0003 | A |
| SCALE | 1 OF 3 | H |

This Drawing is Property of Consortium of ZICOM Equipment Pte. Ltd. & Sinopec Petroleum Engineering Corporation and any Information, contained in this Drawing will not be Reproduced, Disclosed to others without Explicit Written Permission from ZICOM Equipment Pte. Ltd., Singapore. This Drawing is Subject to Change.

1 2 3 4 5 6 7 8 9

10 11 12

NORMAL AND EMERGENCY LIGHT

1 2 3 4 5 6 7 8 9

10 11 12

NOTE
1. Loading arm shed lights (02-L-0125 & 02-L-0126)
200W, IP65

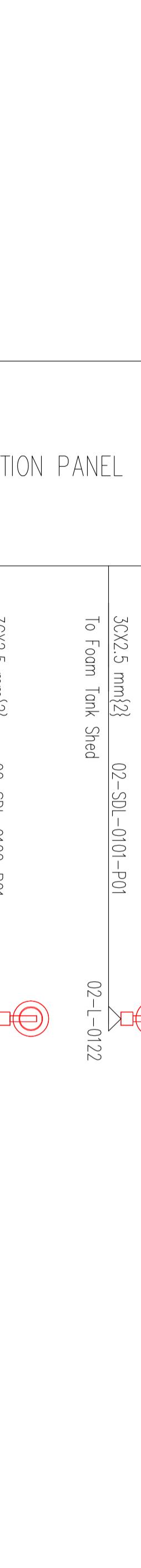
LEGEND

 Explosion-Proof High Mast Light, High Voltage Sodium Lamp, 3X400W, H=15m Exd IIIB T4, IP65

 Shed Lights(Normal):
Explosion-Proof Lamp, 18W Exd IIIB T4, IP65

 Shed Lights(Emergency):
Explosion-Proof Lamp Exd IIB T4, IP65

 Explosion-proof Pipe Corridor Lights High Pressure Sodium Vapor Lamp, 100W Exd IIB T4, IP65



LIGHTING DISTRIBUTION PANEL

5CX10 mm² 02-LDP-1401-P01
FROM MCC ROOM :02-MCC-1405

3CX2.5 mm² 02-PRL-0102-P01
To Pipe Rack 2 02-L-0111 02-L-0113 02-L-0115 02-L-0117 02-L-0119

3CX2.5 mm² 02-SDL-0101-P01
To Foam Tank Shed 02-L-0122

3CX2.5 mm² 02-SDL-0102-P01
To Deluge Valve Shelter 02-L-0123

3CX2.5 mm² 02-SDL-0103-P01
To Transfer Pump Shed 02-L-0124

3CX2.5 mm² 02-SDL-0104-P01
To Loading Area 02-L-0125 02-L-0126

3CX2.5 mm² 02-SDL-0105-P01
To Instrument Air Area 02-L-0127 02-L-0128

3CX2.5 mm² 02-SDL-0106-P01
To Fire Water Pump Shed 02-L-0129 02-L-0130

| CLIENT APPROVAL | | | | | |
|-----------------|---------------------|--------|------|------|-----------|
| REV | DATE | APPR'D | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| A | ISSUED FOR APPROVAL | AS | MH | VG | 2015.5.12 |
| REV | DESCRIPTION | PREFD | CHKD | APPD | DATE |
| | REVISIONS | | | | |

 Aircraft Warning Light

RAPPEX
BANGLADESH PETROLEUM
EXPLORATION & PRODUCTION CO. LTD.
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
AND
SINOPEC PETROLEUM ENGINEERING CORPORATION
60 MMSCFD SILICAGEL DEHYDRATION TYPE NATURAL GAS PROCESS PLANT
TITLE
SINGLE LINE DIAGRAM FOR NORMAL
AND EMERGENCY LIGHT

FORMAT DRAWMG NO. 240-0214-EWEL-DW00-0003
A 2 SCALE SHEET 2 OF 3
REVISION A
H

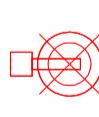
This Drawing is Property of Consortium of ZICOM Equipment Pte. Ltd. & Sinopec Petroleum Engineering Corporation and any Information, contained in this Drawing will not be Reproduced, Disclosed to others without Explicit Written Permission from ZICOM Equipment Pte. Ltd., Singapore. This Drawing is Subject to Change.

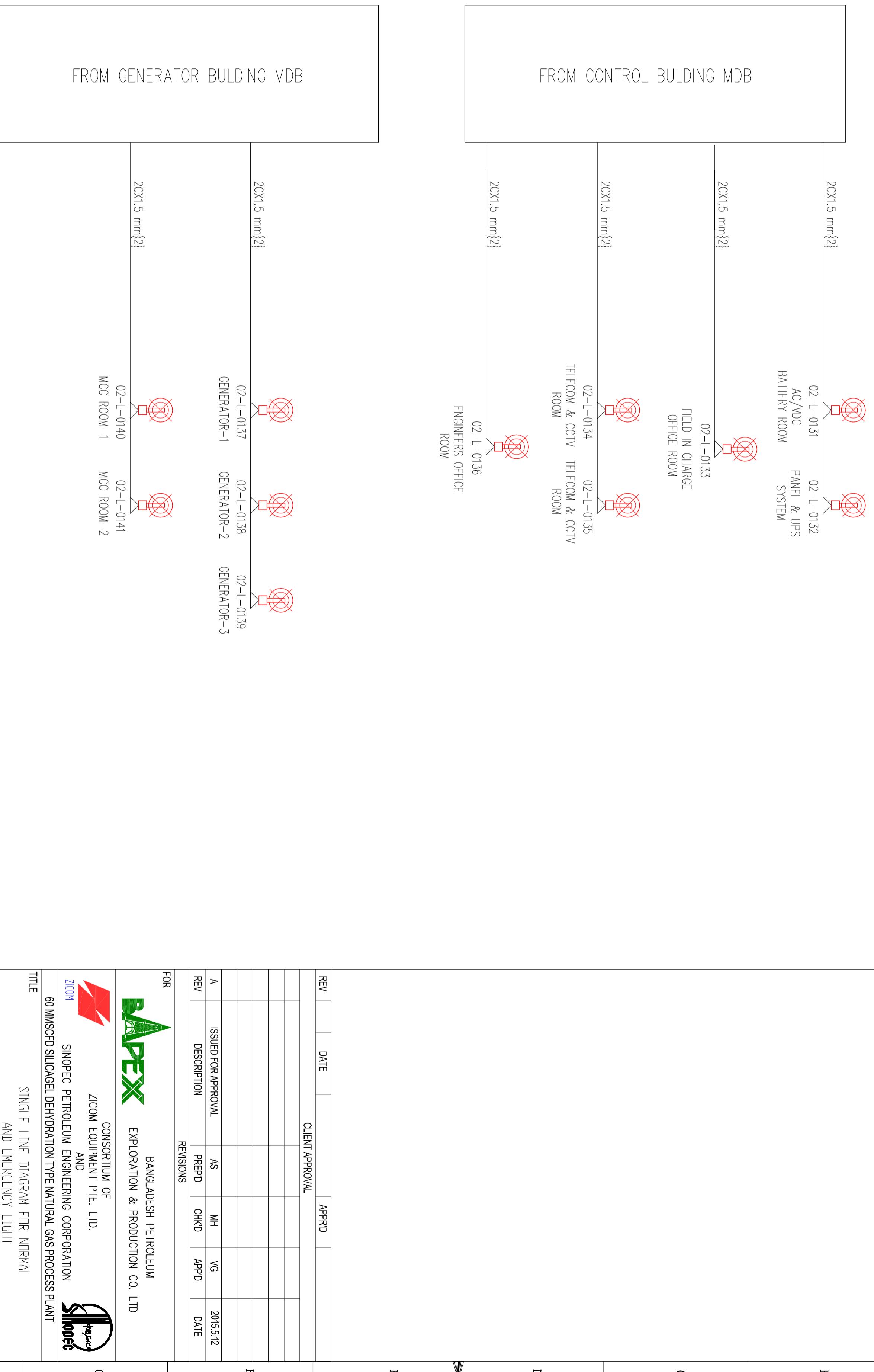
NORMAL AND EMERGENCY LIGHT

1 2 3 4 5 6 7 8 9

10 11 12

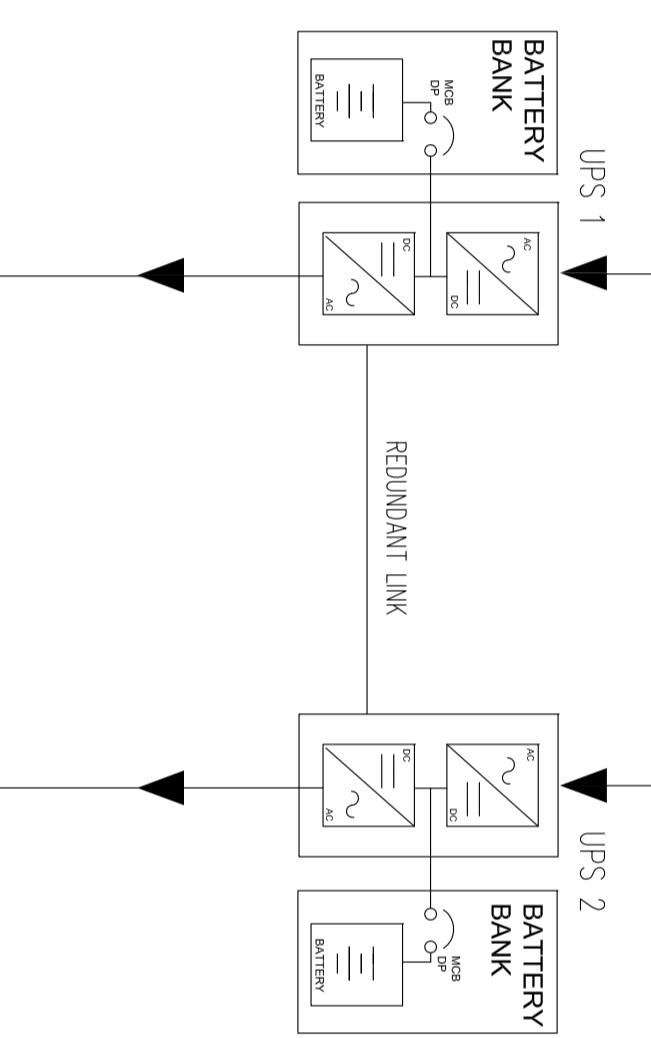
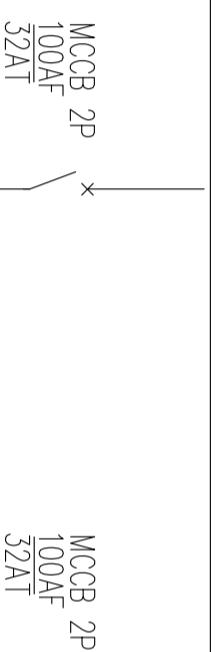
LEGEND

 Lights(Emergency)
Lamp

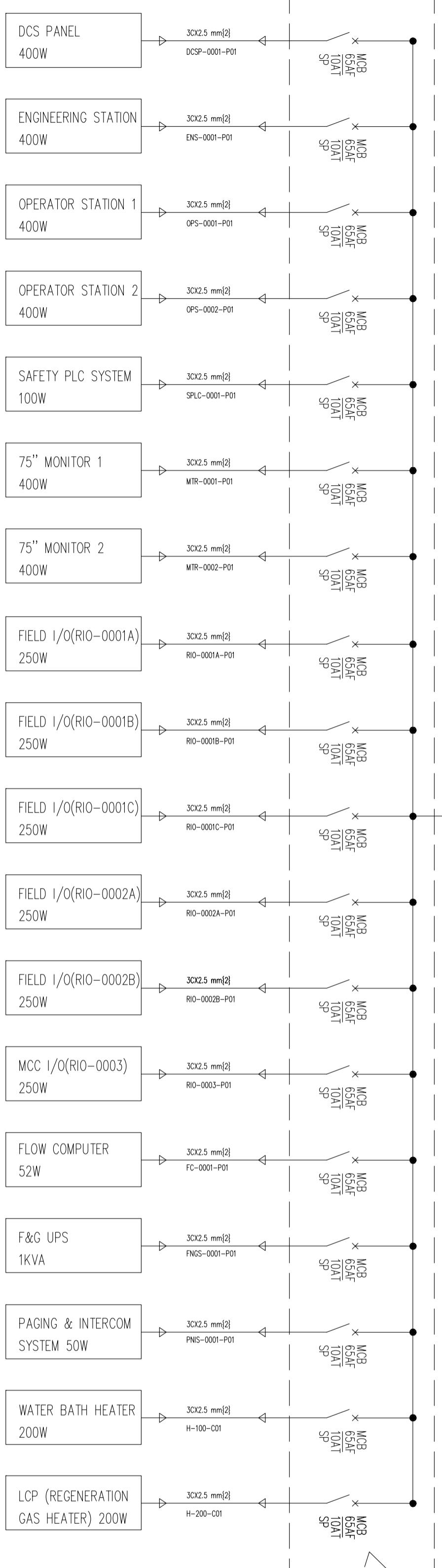


UPS SYSTEM

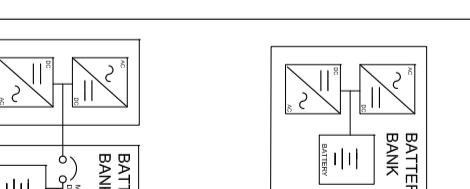
230 VAC, 50HZ, 1PH, PE, 3W



UPS 1 & 2 FOR VITAL USERS
6 kVA 230V AC, 1PH, 3 WIRE, 50Hz
BACK UP TIME 8 HOURS



LEGEND



UPS (UNINTERRUPTIBLE POWER SUPPLY)

WITH EXTERNAL BATTERY BANK

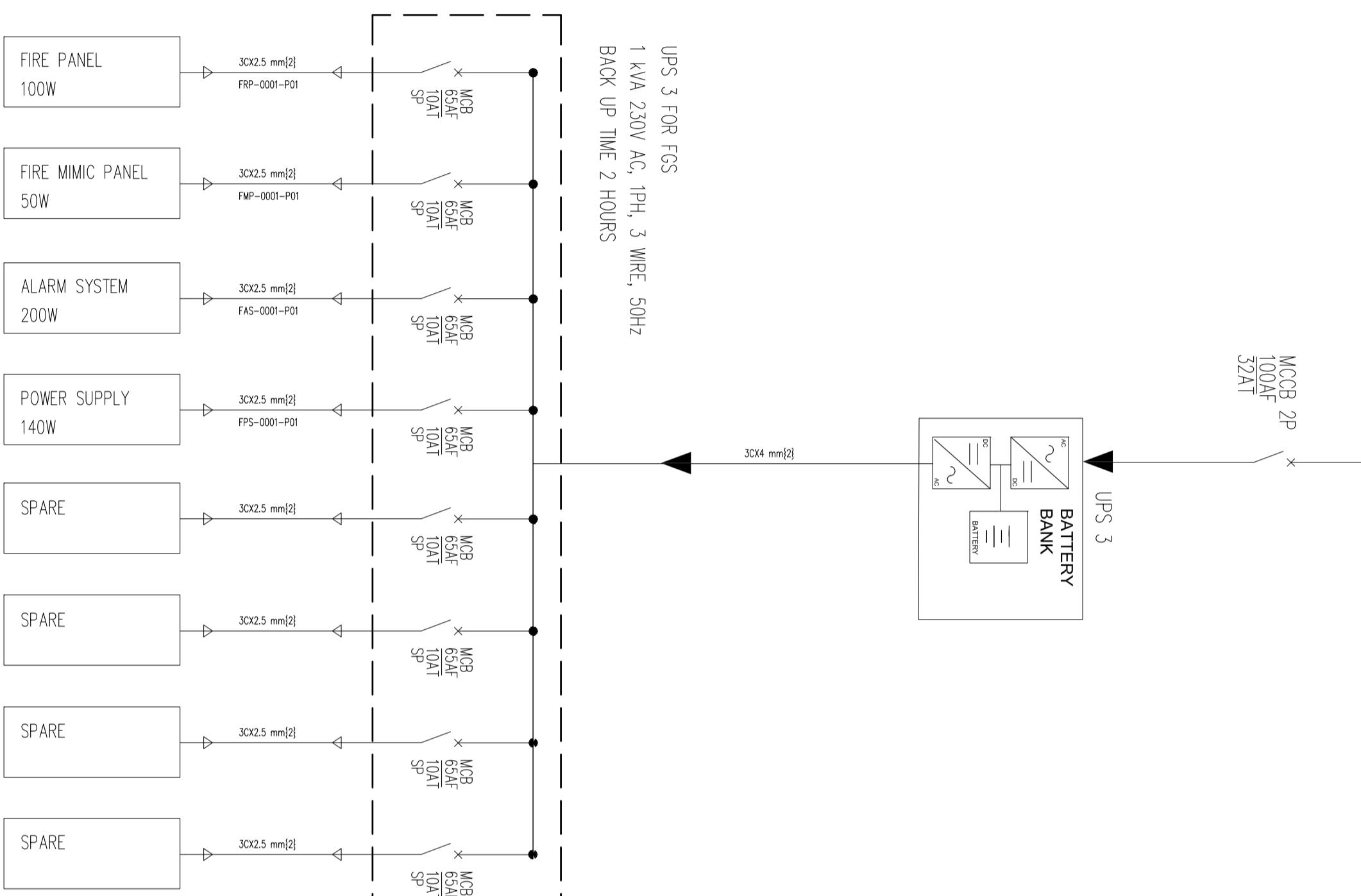
BAPPEX
BANGLADESH PETROLEUM
EXPLORATION & PRODUCTION CO. LTD.
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
AND
SINOPEC PETROLEUM ENGINEERING CORPORATION
FOR
60 MMGD SLURGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

SINGLE LINE DIAGRAM FOR UPS

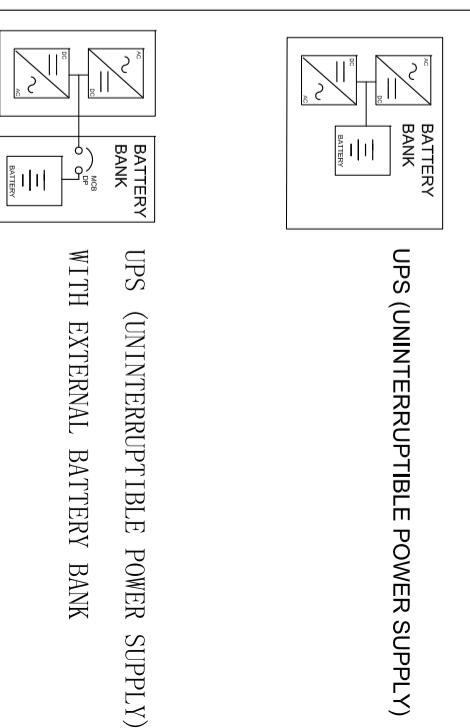
| FORMAT | DRAWING NO. | REVISION |
|---|-------------------------|------------------------|
| A2 | 240-0214-EMFL-DW00-0006 | (A) |
| SCALE | NIS | SHEET 1 OF 3 |
| This Drawing is Property of ZICOM Engineering Pvt. Ltd. & Sinopec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or otherwise without written permission from ZICOM Engineering Pvt. Ltd. & Sinopec Petroleum Engineering Corporation. | | |
| REV | DATE | APPROVAL |
| A | ISSUED FOR APPROVAL | AS MH VG 2015.5.12 |
| REV | DESCRIPTION | PREF'D CHKD APP'D DATE |
| REVISIONS | | |
| TITLE | | |

UPS SYSTEM

230 VAC, 50HZ, 1PH, PE, 3W



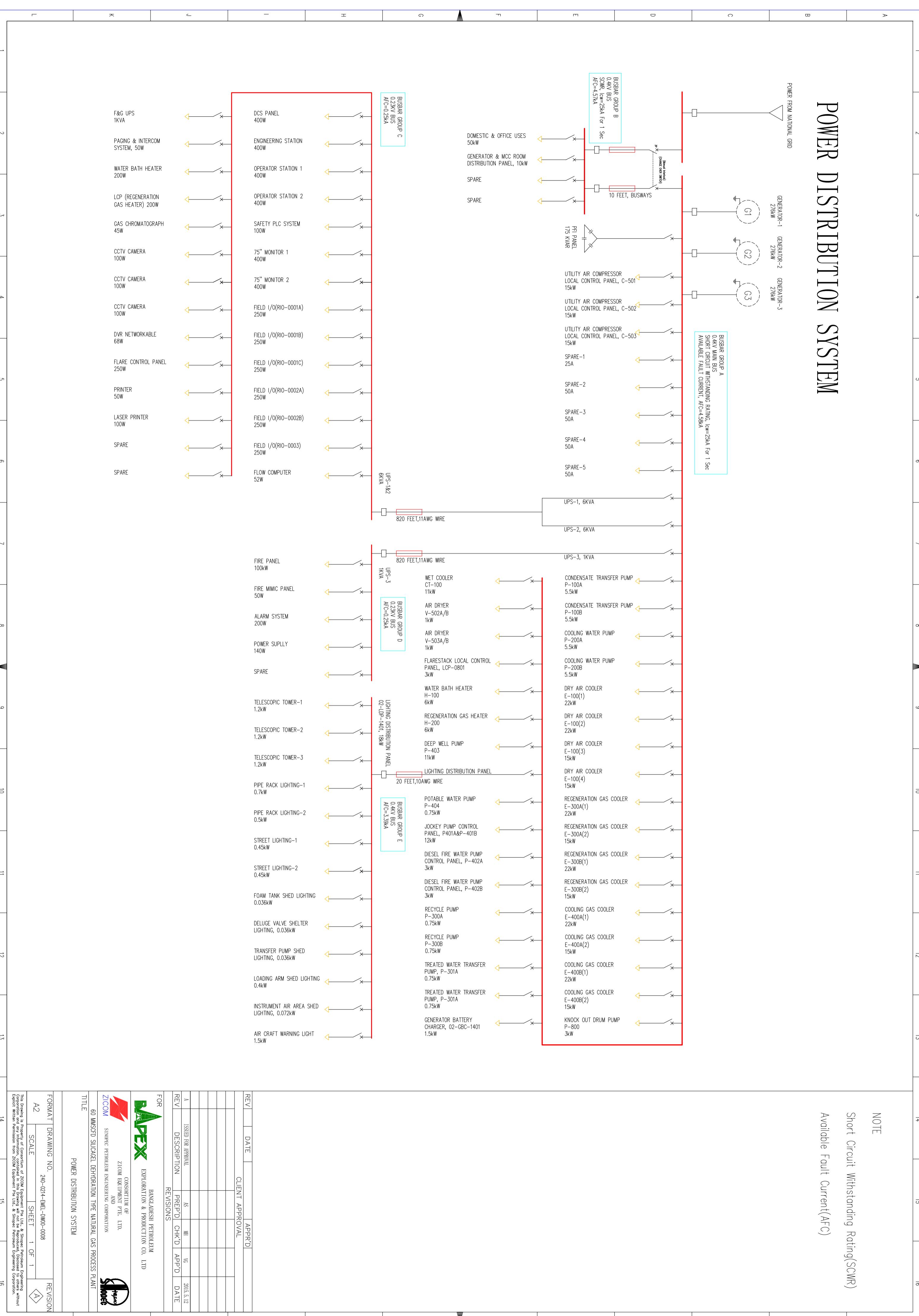
LEGEND



| FOR BAPPEX BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD | | | | | | | | | |
|---|-------------------------------------|------------|----|----|----|---|---|---|----|
| CONSORTIUM OF ZICOM EQUIPMENT PTE. LTD. AND SINOPEC PETROLEUM ENGINEERING CORPORATION | | | | | | | | | |
| 60 AMSD SLUDGE DEHATATION TYPE NATURAL GAS PROCESS PLANT | | | | | | | | | |
| TITLE SINGLE LINE DIAGRAM FOR UPS | | | | | | | | | |
| FORMAT A2 | DRAWING NO. 240-0214-EMFL-DW00-0006 | REVISION A | L | J | H | G | F | E | C |
| SCALE NIS | SHEET 3 OF 3 | | | | | | | | B |
| This Drawing is Property of ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or otherwise without written permission from ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | | | | |

POWER DISTRIBUTION SYSTEM

NOTE
Short Circuit Withstanding Rating(SCMR)
Available Fault Current(AFC)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Table 1

| | |
|---|-----------------|
| A | LCP-402B-P01 |
| B | LCP-401-P01 |
| C | LCP-402A-P01 |
| D | 02-UPS-1401-P01 |
| E | 02-UPS-1401-P02 |
| F | 02-UPS-1401-P03 |
| G | P-100A-CS-C01 |
| H | P-100A-P01 |
| I | P-100B-CS-C01 |
| J | P-100B-P01 |
| K | P-100A-CS-C01 |
| L | P-100A-P01 |
| M | P-100B-CS-C01 |
| N | P-100B-P01 |
| O | P-100A-CS-C01 |
| P | P-100A-P01 |
| Q | P-100B-CS-C01 |
| R | P-100B-P01 |
| S | P-200A-CS-C01 |
| T | P-200A-P01 |
| U | P-200B-CS-C01 |
| V | P-200B-P01 |
| W | P-200A-CS-C01 |
| X | P-200A-P01 |
| Y | P-200B-CS-C01 |
| Z | P-200B-P01 |

Table 2

| | |
|---|-----------------|
| A | LCP-402B-P01 |
| B | LCP-401-P01 |
| C | LCP-402A-P01 |
| D | 02-UPS-1401-P01 |
| E | 02-UPS-1401-P02 |
| F | 02-UPS-1401-P03 |
| G | P-100A-CS-C01 |
| H | P-100A-P01 |
| I | P-100B-CS-C01 |
| J | P-100B-P01 |
| K | P-300A-CS-C01 |
| L | P-300A-P01 |
| M | P-300B-CS-C01 |
| N | P-300B-P01 |
| O | P-301A-CS-C01 |
| P | P-301A-P01 |
| Q | P-301B-CS-C01 |
| R | P-301B-P01 |
| S | P-200A-CS-C01 |
| T | P-200A-P01 |
| U | P-200B-CS-C01 |
| V | P-200B-P01 |
| W | P-200A-CS-C01 |
| X | P-200A-P01 |
| Y | P-200B-CS-C01 |
| Z | P-200B-P01 |

Table 3

| | |
|---|---------------|
| A | P-100A-CS-C01 |
| B | P-100A-P01 |
| C | P-100B-CS-C01 |
| D | P-100B-P01 |
| E | P-300A-CS-C01 |
| F | P-300A-P01 |
| G | P-300B-CS-C01 |
| H | P-300B-P01 |
| I | P-301A-CS-C01 |
| J | P-301A-P01 |
| K | P-301B-CS-C01 |
| L | P-301B-P01 |
| M | P-200A-CS-C01 |
| N | P-200A-P01 |
| O | P-200B-CS-C01 |
| P | P-200B-P01 |
| Q | P-200A-CS-C01 |
| R | P-200A-P01 |
| S | P-200B-CS-C01 |
| T | P-200B-P01 |

Table 6

| | |
|---|-----------------|
| A | LCP-402B-P01 |
| B | LCP-401-P01 |
| C | LCP-402A-P01 |
| D | 02-UPS-1401-P01 |
| E | 02-UPS-1401-P02 |
| F | 02-UPS-1401-P03 |
| G | P-100A-CS-C01 |
| H | P-100A-P01 |
| I | P-100B-CS-C01 |
| J | P-100B-P01 |
| K | P-200A-CS-C01 |
| L | P-200A-P01 |
| M | P-200B-CS-C01 |
| N | P-200B-P01 |
| O | P-200A-CS-C01 |
| P | P-200A-P01 |
| Q | P-200B-CS-C01 |
| R | P-200B-P01 |

Table 7

| | |
|---|---------------|
| A | P-300A-CS-C01 |
| B | P-300A-P01 |
| C | P-300B-CS-C01 |
| D | P-300B-P01 |
| E | P-301A-CS-C01 |
| F | P-301A-P01 |
| G | P-301B-CS-C01 |
| H | P-301B-P01 |
| I | P-200A-CS-C01 |
| J | P-200A-P01 |
| K | P-200B-CS-C01 |
| L | P-200B-P01 |
| M | P-200A-CS-C01 |
| N | P-200A-P01 |
| O | P-200B-CS-C01 |
| P | P-200B-P01 |

Table 8

| | |
|---|-----------------|
| A | LCP-402B-P01 |
| B | LCP-401-P01 |
| C | LCP-402A-P01 |
| D | 02-UPS-1401-P01 |
| E | 02-UPS-1401-P02 |
| F | 02-UPS-1401-P03 |
| G | P-100A-CS-C01 |
| H | P-100A-P01 |
| I | P-100B-CS-C01 |
| J | P-100B-P01 |
| K | P-200A-CS-C01 |
| L | P-200A-P01 |
| M | P-200B-CS-C01 |
| N | P-200B-P01 |
| O | P-200A-CS-C01 |
| P | P-200A-P01 |
| Q | P-200B-CS-C01 |
| R | P-200B-P01 |

Table 9

| | |
|---|-----------------|
| A | P-403-CS-C01 |
| B | P-403-P01 |
| C | P-404-CS-C01 |
| D | P-404-P01 |
| E | P-404-P01 |
| F | DOMESTIC-P01 |
| G | 02-EHL-0101-P01 |
| H | C-501C-P01 |
| I | V-502A/B-P01 |
| J | V-503A/B-P01 |
| K | 02-STL-0101-P01 |
| L | P-800-CS-C01 |
| M | LCP-0801-P01 |
| N | 02-AWL-0101-P01 |

Table 10

| | |
|---|-----------------|
| A | C-501A-P01 |
| B | C-501B-P01 |
| C | C-501C-P01 |
| D | V-502A/B-P01 |
| E | V-503A/B-P01 |
| F | P-800-CS-C01 |
| G | LCP-0801-P01 |
| H | 02-STL-0101-P01 |

Table 11

| | |
|---|-----------------|
| A | V-502A/B-P01 |
| B | V-503A/B-P01 |
| C | C-501A-P01 |
| D | C-501B-P01 |
| E | C-501C-P01 |
| F | 02-EHL-0101-P01 |
| G | 02-STL-0101-P01 |
| H | P-800-CS-C01 |
| I | LCP-0801-P01 |
| J | 02-AWL-0101-P01 |

Table 12

| | |
|---|-----------------|
| A | 02-EHL-0101-P01 |
| B | 02-STL-0101-P01 |
| C | P-800-CS-C01 |
| D | LCP-0801-P01 |
| E | 02-AWL-0101-P01 |

Table 13

| | |
|---|-----------------|
| A | P-800-CS-C01 |
| B | LCP-0801-P01 |
| C | 02-AWL-0101-P01 |
| D | P-800-CS-C01 |
| E | LCP-0801-P01 |

| FORMAT | DRAWING NO. | REVISION |
|---|-------------------------|--------------|
| A2 | 240-0201-EMEL-DW00-0001 | REV A |
| SCALE | 1:1000 | SHEET 2 OF 5 |
| This Drawing is the Property of Consigntum Pte Ltd. & Sinopec Petroleum Engineering Corporation and may not be Reproduced, Disclosed or Otherwise Utilized without Written Permission from Consigntum Pte Ltd. & Sinopec Petroleum Engineering Corporation. | | |
| Title: 60 AMSCO SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT | | |
| ELECTRICAL CABLE ROUTE LAYOUT | | |
| FOR BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD | | |
| CONSORTIUM OF ZICOM EQUIPMENT PTE. LTD. & SINOPEC PETROLEUM ENGINEERING CORPORATION | | |
| 60 AMSCO SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT | | |
| TITLE: ELECTRICAL CABLE ROUTE LAYOUT | | |

NOTE

1. The cable route of Air Cooler
240-0201-EMEL-DW00-0001 Sheet 4.
2. The cable route of CT-100
240-0201-EMEL-DW00-0001 Sheet 5.

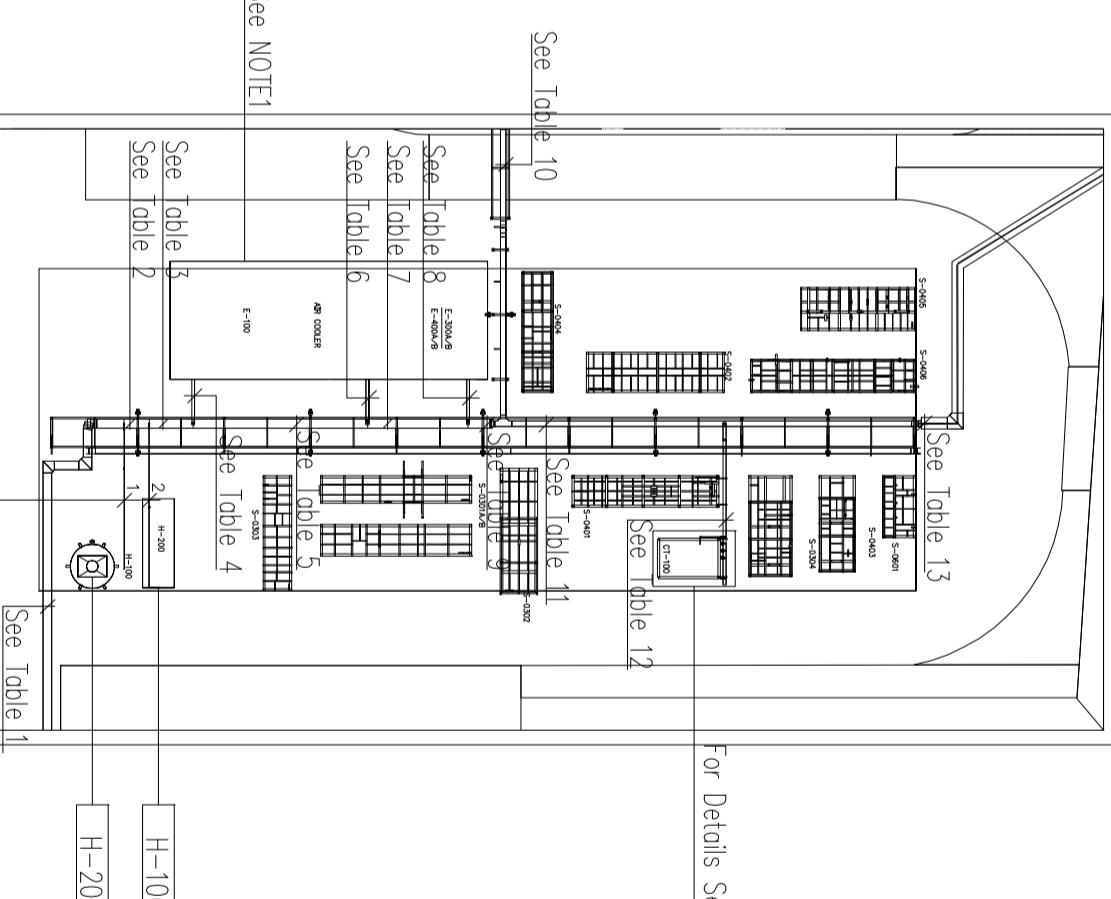


Table 2

Table 3

Table 9

Table 5

Table 7

Table 1

Table 6

Table 8

Table 10

Table 11

Table 12

Table 13

Table 14

Table 15

Table 16

Table 17

Table 18

Table 19

Table 20

Table 21

Table 22

Table 23

Table 24

Table 25

Table 26

Table 27

Table 28

Table 29

Table 30

Table 31

Table 32

Table 33

Table 34

Table 35

Table 36

Table 37

Table 38

Table 39

Table 40

Table 41

Table 42

Table 43

Table 44

Table 45

Table 46

Table 47

Table 48

Table 49

Table 50

Table 51

Table 52

Table 53

Table 54

Table 55

Table 56

Table 57

Table 58

Table 59

Table 60

Table 61

Table 62

Table 63

Table 64

Table 65

Table 66

Table 67

Table 68

Table 69

Table 70

Table 71

Table 72

Table 73

Table 74

Table 75

Table 76

Table 77

Table 78

Table 79

Table 80

Table 81

Table 82

Table 83

Table 84

Table 85

Table 86

Table 87

Table 88

Table 89

Table 90

Table 91

Table 92

Table 93

Table 94

Table 95

Table 96

Table 97

Table 98

Table 99

Table 100

Table 101

Table 102

Table 103

Table 104

Table 105

Table 106

Table 107

Table 108

Table 109

Table 110

Table 111

Table 112

Table 113

Table 114

Table 115

Table 116

Table 117

Table 118

Table 119

Table 120

Table 121

Table 122

Table 123

Table 124

Table 125

Table 126

Table 127

Table 128

Table 129

Table 130

Table 131

Table 132

Table 133

Table 134

Table 135

Table 136

Table 137

Table 138

Table 139

Table 140

Table 141

Table 142

Table 143

Table 144

Table 145

Table 146

Table 147

Table 148

Table 149

Table 150

Table 151

Table 152

Table 153

Table 154

Table 155

Table 156

Table 157

Table 158

Table 159

Table 160

Table 161

Table 162

Table 163

Table 164

Table 165

Table 166

Table 167

Table 168

Table 169

Table 170

Table 171

Table 172

Table 173

Table 174

Table 175

Table 176

Table 177

Table 178

Table 179

Table 180

Table 181

Table 182

Table 183

Table 184

Table 185

Table 186

Table 187

Table 188

Table 189

Table 190

Table 191

Table 192

Table 193

Table 194

Table 195

Table 196

Table 197

Table 198

Table 199

Table 200

Table 201

Table 202

Table 203

Table 204

Table 205

Table 206

Table 207

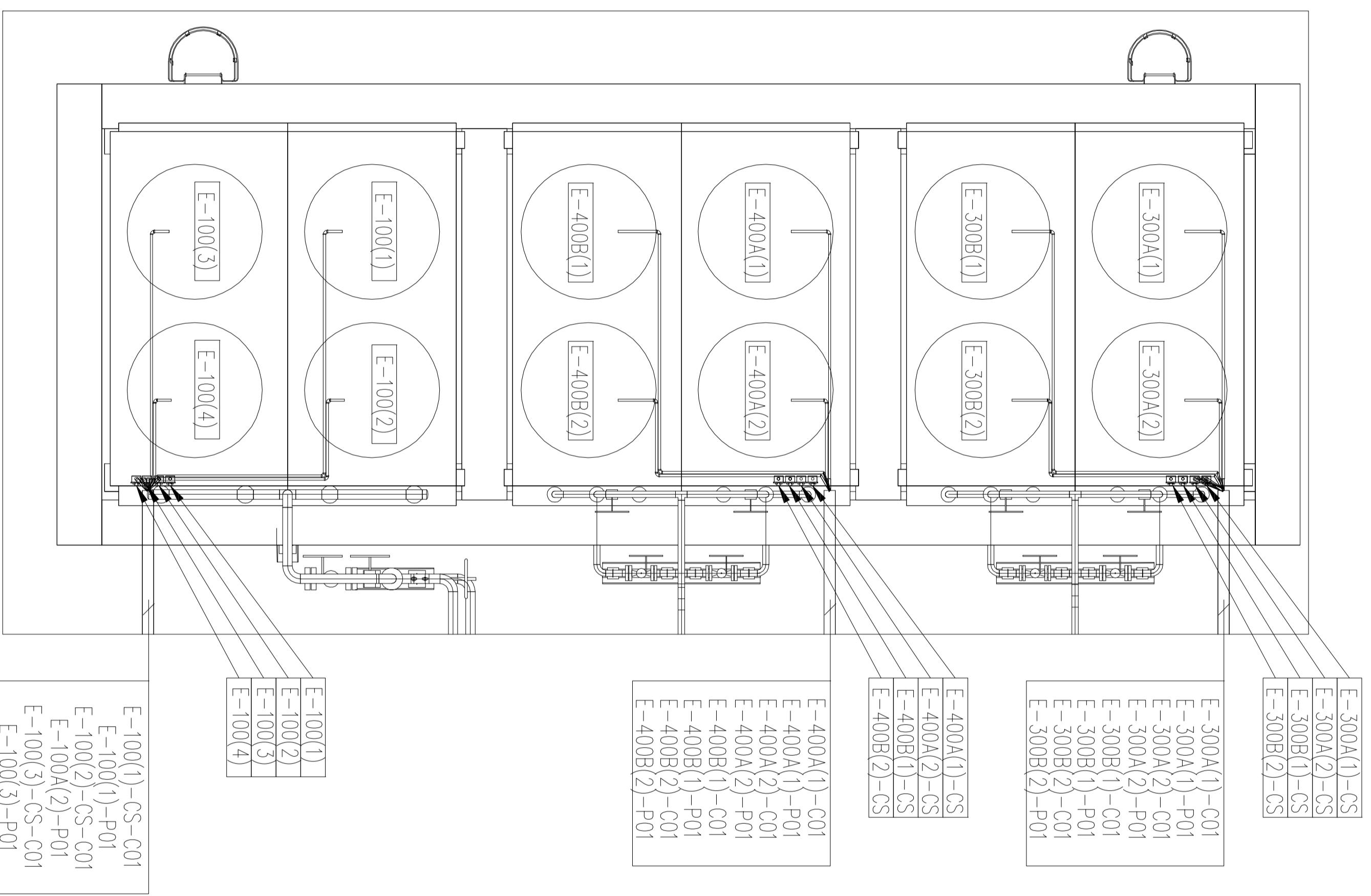
Table 208

Table 209

Table 210

Table 211

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16



E-100(1)-CS-C01
 E-100(1)-P01
 E-100(2)-CS-C01
 E-100(2)-P01
 E-100(3)-CS-C01
 E-100(3)-P01
 E-100(4)-CS-C01
 E-100(4)-P01

| REV | DATE | APPR'D |
|-----|------|-----------------|
| | | CLIENT APPROVAL |
| | | |
| | | |
| | | |

| A | ISSUED FOR APPROVAL | AS | MH | VG | 2055.12 |
|-----|---------------------|--------|-------|-------|---------|
| REV | DESCRIPTION | PREP'D | CHK'D | APP'D | DATE |
| J | REVISIONS | | | | |

FOR
BANGLADESH PETROLEUM
EXPLORATION & PRODUCTION CO. LTD

ZICOM CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.

SNUPEC PETROLEUM AND
ENGINEERING CORPORATION

60 AMSCO SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

TITLE
ELECTRICAL CABLE ROUTE LAYOUT

FORMAT DRAWING NO. 240-0201-EMEL-DW00-0001 REVISION A2

SCALE 1:1000 SHEET 4 OF 5

This Drawing is Property of Construction of ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or Given without written permission from ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation.

L K J H G F E D C B A

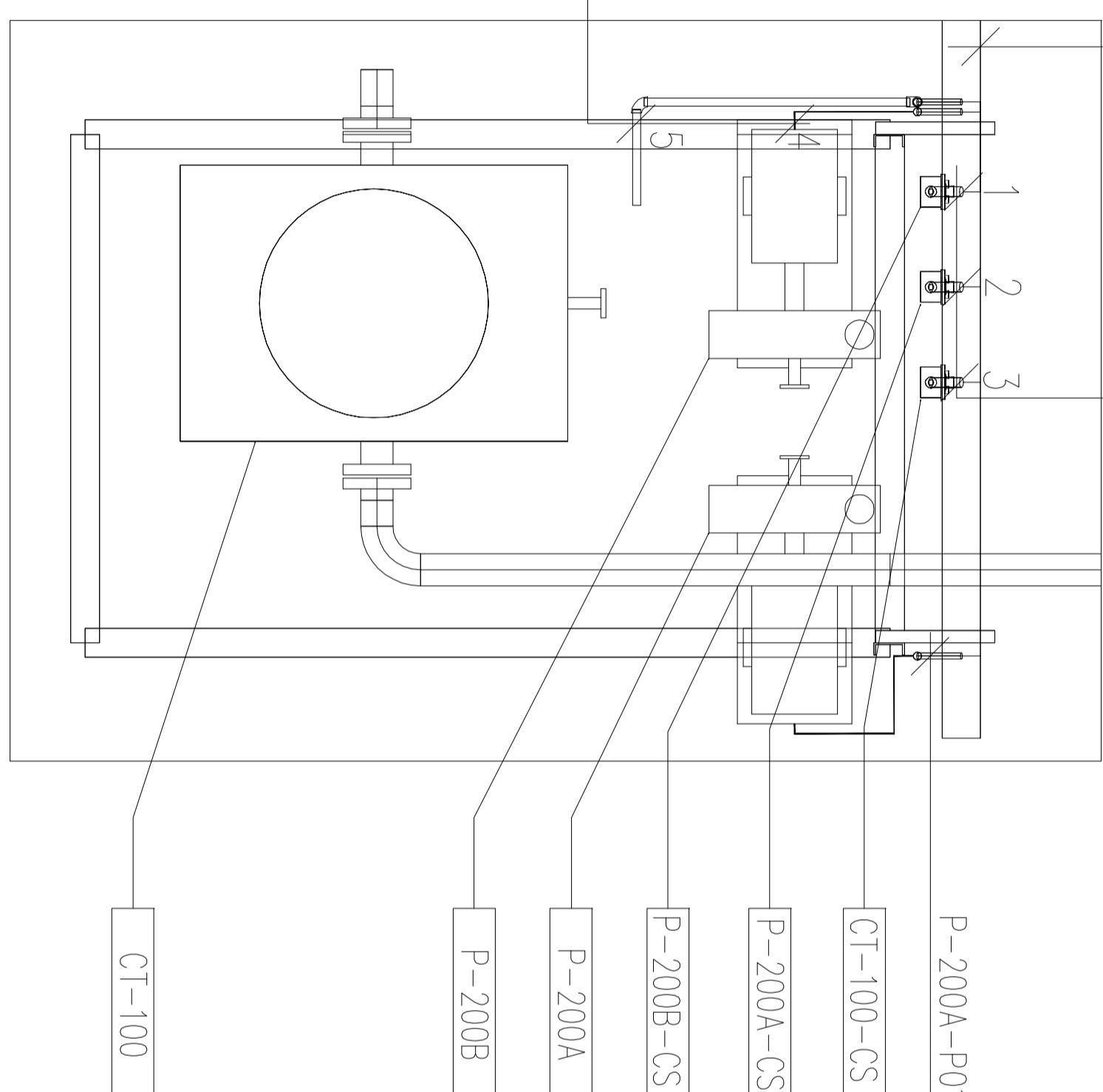
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

A B
C D
E F
G H
I J
K L
L M
N O
O P
P Q
Q R
R S
S T
T U
U V
V W
W X
X Y
Y Z

CT-100-CS-C01
CT-100-P01
P-200A-CS-C01
P-200A-P01
P-200B-CS-C01
P-200B-P01

3|P-200B-CS-C01
2|P-200A-CS-C01
1|CT-100-CS-C01



REV DATE APPR'D

CLIENT APPROVAL

-

| REV | DATE | APPR'D |
|-----|------|--------|
| | | |
| | | |
| | | |
| | | |

| A | ISSUED FOR APPROVAL | AS | MH | VG | 20/5/12 |
|---|---------------------|--------|-------|-------|---------|
| J | REV DESCRIPTION | PREP'D | CHK'D | APP'D | DATE |

| REVISIONS | |
|-----------|--|
| | |

-

FOR BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD

ZICOM EQUIPMENT PTE. LTD.

SNUPEC PETROLEUM ENGINEERING CORPORATION

60 AMSCO SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

TITLE ELECTRICAL CABLE ROUTE LAYOUT

FORMAT DRAWING NO. 240-0201-EMEL-DW00-0001

REVISION A2

SCALE 1:1000

SHEET 5 OF 5

REF. A

-

This Drawing is the Property of ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or Given without written permission from ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

NOTE

1. Loading arm shed lights (02-L-0125 & 02-L-0126)
200W, IP65

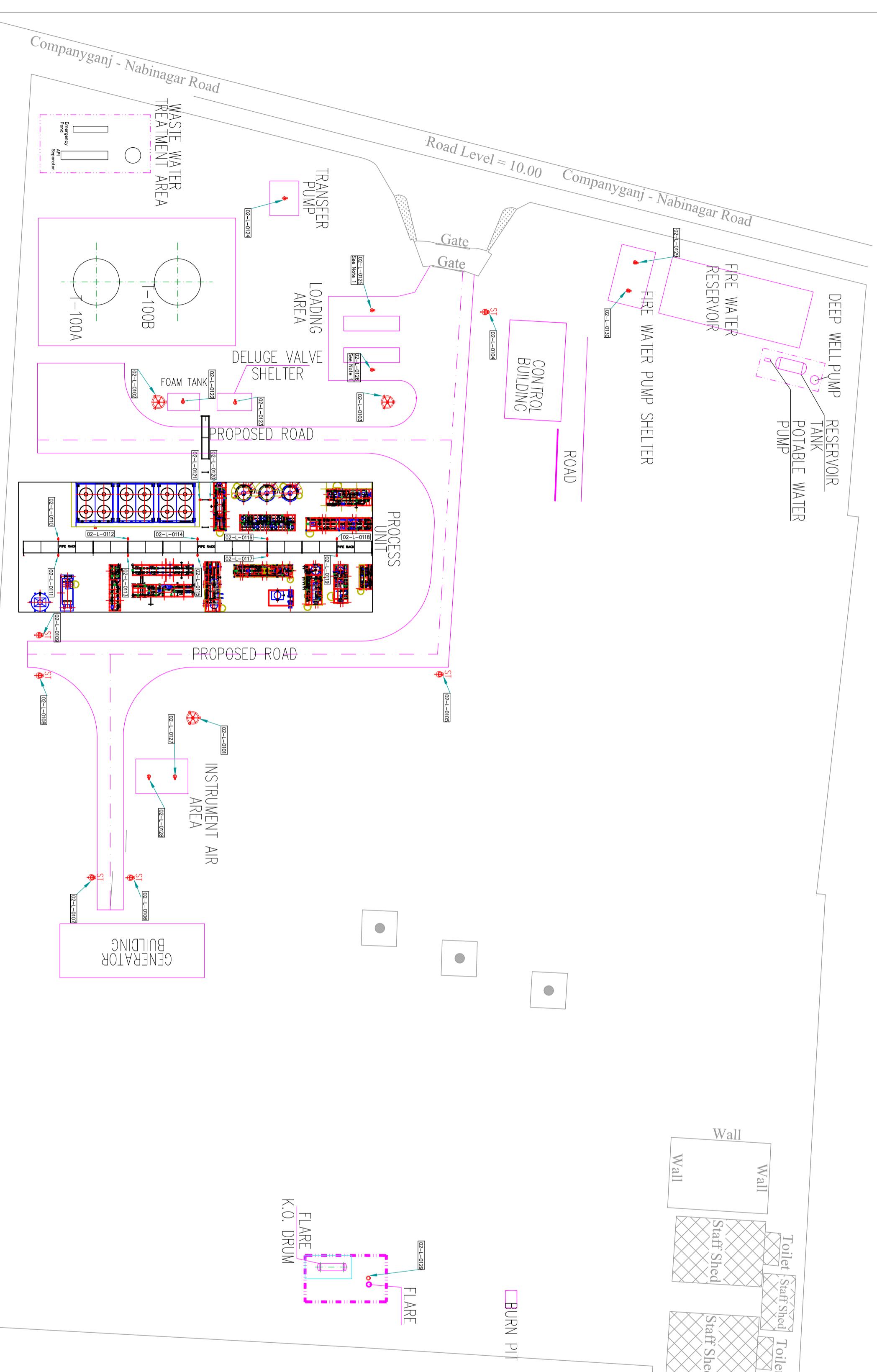
LEGEND

Explosion-proof High Mast light,
High Voltage sodium lamp, 3x400W, H=15m
Exd IIIB T4, IP65,

Shed Lights(Normal).
Explosion-Proof Lamp, 2X18W
Exd IIIB T4, IP65

Shed Lights(Emergency), 2X18W
Street Lamp(Single Head)
High Pressure Sodium vapor lamp, 150W
Exd IIIB T4, IP65

Aircraft Warning Light
Toilet Staff Shed Toilet Staff Shed
Staff Shed Staff Shed



| REV | DATE | APPR'D | CLIENT APPROVAL |
|-----|------|--------|-----------------|
| | | | |

| A | ISSUED FOR APPROVAL | AS | MH | VG | 2015/12 |
|-----------|---------------------|--------|-------|-------|---------|
| REV | DESCRIPTION | PREP'D | CHK'D | APP'D | DATE |
| REVISIONS | | | | | |

FOR BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD

ZICOM CONSORIUM OF EQUIPMENT PTE. LTD.
SNIDPEC PETROLEUM ENGINEERING CORPORATION

60 AMSCO SLURGEL DEHUMIDIFICATION NATURE GAS PROCESS PLANT

TITLE ELECTRICAL EQUIPMENT LAYOUT FOR LIGHTING SYSTEM

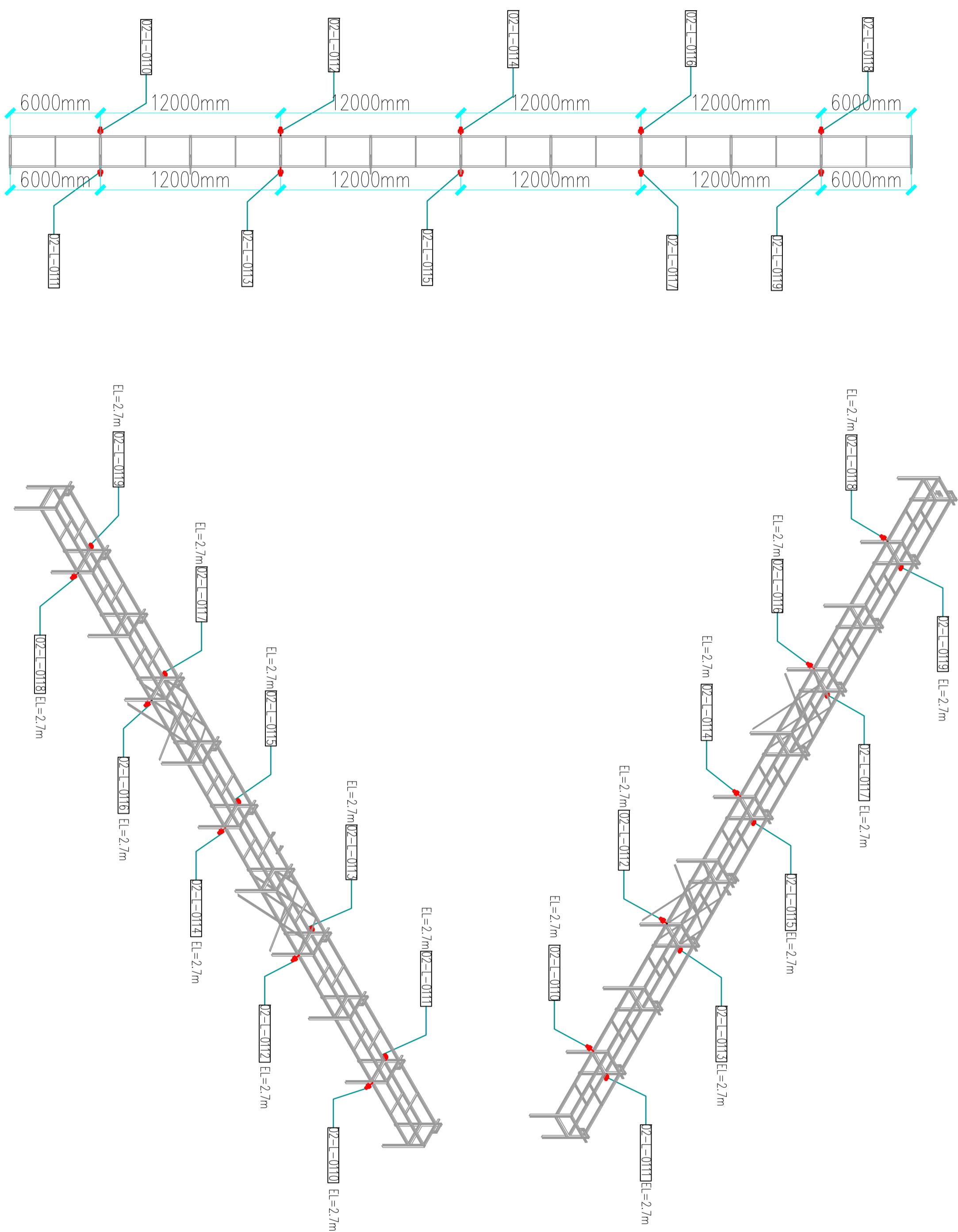
| FORMAT | DRAWING NO. | REVISION |
|--------|-----------------------|--------------|
| A2 | 240-020-EME-DM00-0002 | |
| SCALE | 1:1000 | SHEET 1 OF 3 |

This Drawing is Property of ZICOM Equipment Pte. Ltd. & Snidpec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or otherwise without written permission from ZICOM Equipment Pte. Ltd. & Snidpec Petroleum Engineering Corporation.

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

LEGEND

 Explosion-proof Pipe Corridor Lights
High pressure sodium vapor lamp, 100W
Exd IIIB T4, IP65



| REV | DATE | APPROVAL |
|-----|---------------------|-------------------------|
| | | |
| | | |
| | | |
| | | |
| A | ISSUED FOR APPROVAL | AS MH VG 2015/12 |
| B | REV DESCRIPTION | PREP'D CHK'D APP'D DATE |
| C | REVISIONS | |

FOR **BAPPEX**
BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD

ZICOM EQUIPMENT PTE. LTD.
SNUPC PETROLEUM ENGINEERING CORPORATION

60 AMSCO SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

TITLE
ELECTRICAL EQUIPMENT LAYOUT FOR LIGHTING SYSTEM

| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|---|
| A2 | 240-0201-EMEL-DW00-0002 |  |
| SCALE | 1:100 | SHEET 2 OF 3 |

This Drawing is the Property of ZICOM Equipment Pte Ltd. & Snupc Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or given without written permission from ZICOM Equipment Pte Ltd. & Snupc Petroleum Engineering Corporation.

L

14

15

16

1

2

3

4

5

6

7

8

10

11

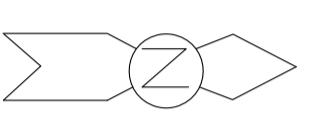
12

13

14

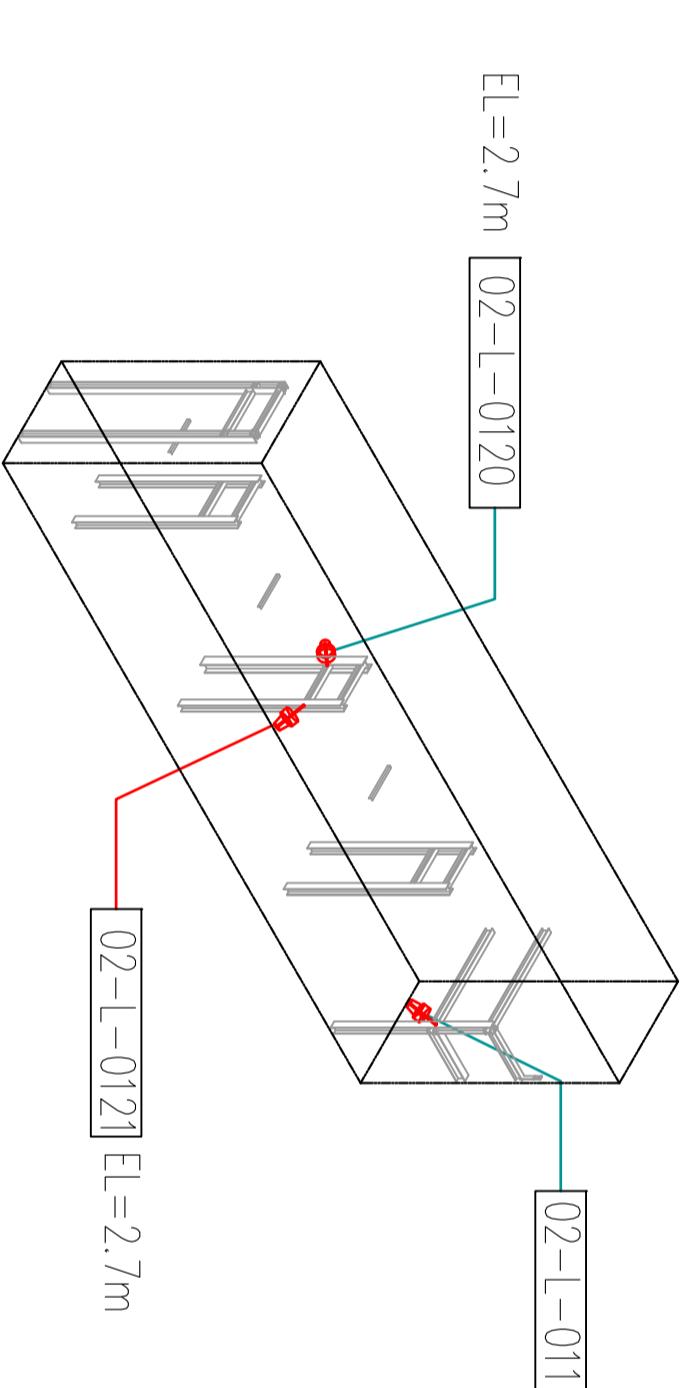
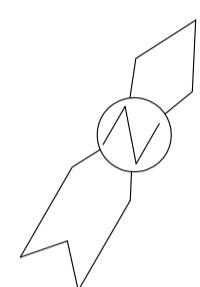
15

16



Explosion-proof Pipe Corridor Lights
High pressure sodium vapor lamp, 100W
Exd IIIB T4, IP65

LEGEND



| REV | DATE | APPROV'D |
|-----------------|---------------------|-------------------------|
| CLIENT APPROVAL | | |
| | | |
| | | |
| | | |
| A | ISSUED FOR APPROVAL | AS MH VG 2015.5.12 |
| REV | DESCRIPTION | PREP'D CHK'D APP'D DATE |
| REVISIONS | | |

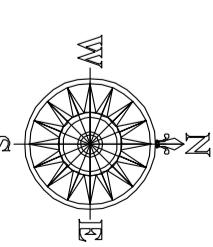
| CONSORTIUM OF | | |
|--|--|--|
| ZICOM EQUIPMENT PTE. LTD. | | |
| SNIPPEC PETROLEUM AND | | |
| ENGINEERING CORPORATION | | |
| 60 AMSCD SUCAGEE DEHORATION TYPE NATURAL GAS PROCESS PLANT | | |

| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|--------------|
| A2 | 240-0201-EMEL-DW00-0002 | |
| SCALE | 1:1000 | SHEET 3 OF 3 |

This Drawing is Property of Construction of ZICOM Equipment Pte Ltd. & Snippec Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or Given without written permission from ZICOM Equipment Pte Ltd. & Snippec Petroleum Engineering Corporation.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



NOTE

1. LEGEND



CLASS 1, ZONE 0 HAZARDOUS AREA

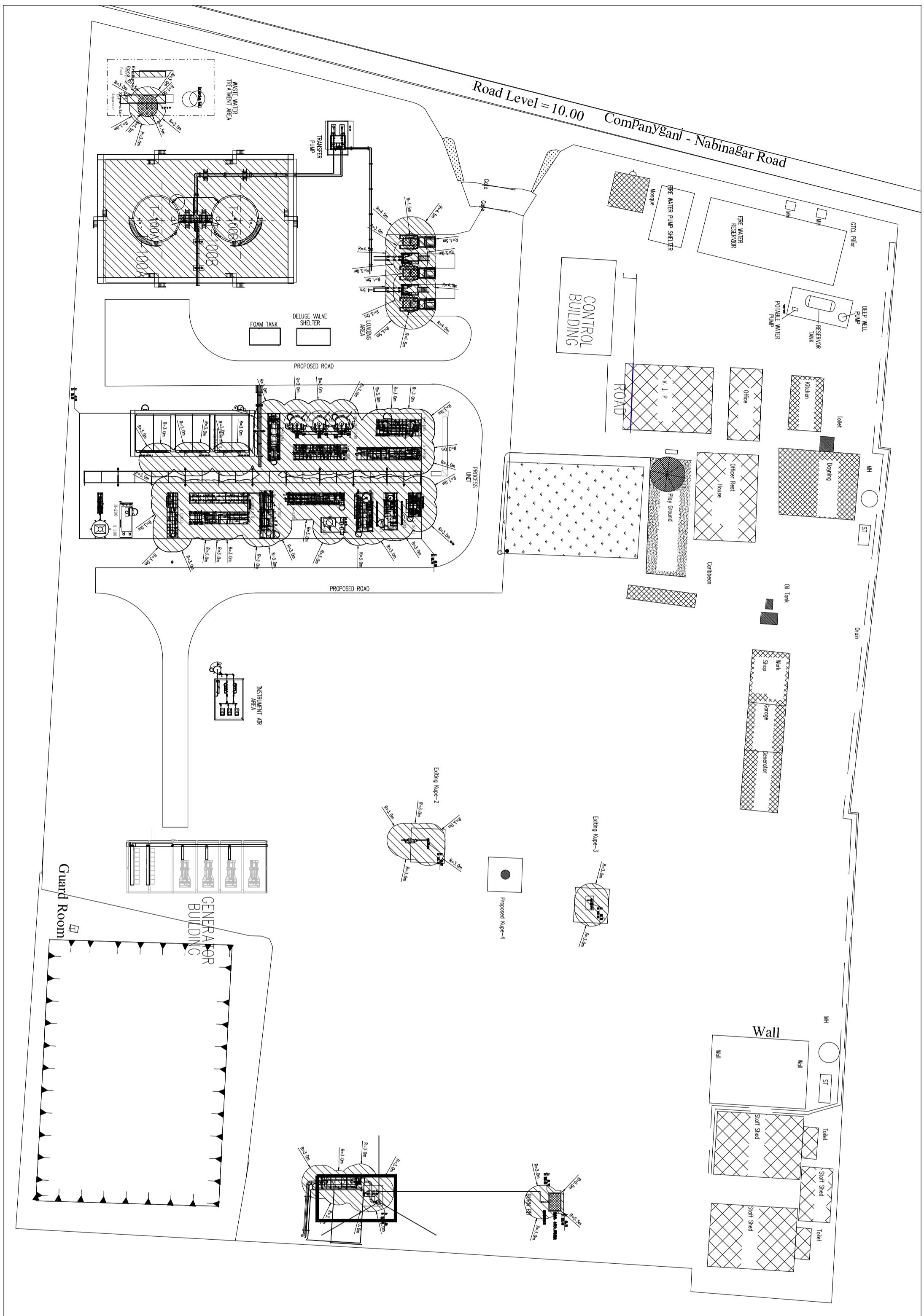


CLASS 1, ZONE 2 HAZARDOUS AREA



CLASS 2, ZONE 0 HAZARDOUS AREA

HOLD 1: SINCE THERE IS NO INFORMATION ABOUT THE TYPE OF WELL, THE HAZARDOUS AREA OF WELL MAY BE CHANGE.
2. TYPICAL DRAWING FOR HAZARDOUS AREA
CLASSIFICATION see 240-0201-EFEL-DW00-003
SHEET2-4.



REVISIONS

| REV | DATE | APPR'D | CLIENT APPROVAL |
|-----|---------------------|--------|-----------------|
| A | | | |
| A | ISSUED FOR APPROVAL | AS | MH |
| REV | DESCRIPTION | PREP'D | CHK'D |
| | REVISIONS | APP'D | DATE |

BAPPEX
BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
SNUPC PETROLEUM ENGINEERING CORPORATION
60 AMGOD SLUDGE DEHYDRATOR TYPE NATURAL GAS PROCESS PLANT

HAZARDOUS AREA CLASSIFICATION DRAWING

| FORMAT | DRAWING NO. | REVISION |
|--------|------------------------|--------------|
| A2 | 240-0201-EFEL-DW00-003 | (A) |
| SCALE | 1:100 | SHEET 1 OF 4 |

This Drawing is Property of Construction of ZICOM Equipment Pte Ltd. & Snupc Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or given without written permission from ZICOM Equipment Pte Ltd. & Snupc Petroleum Engineering Corporation.

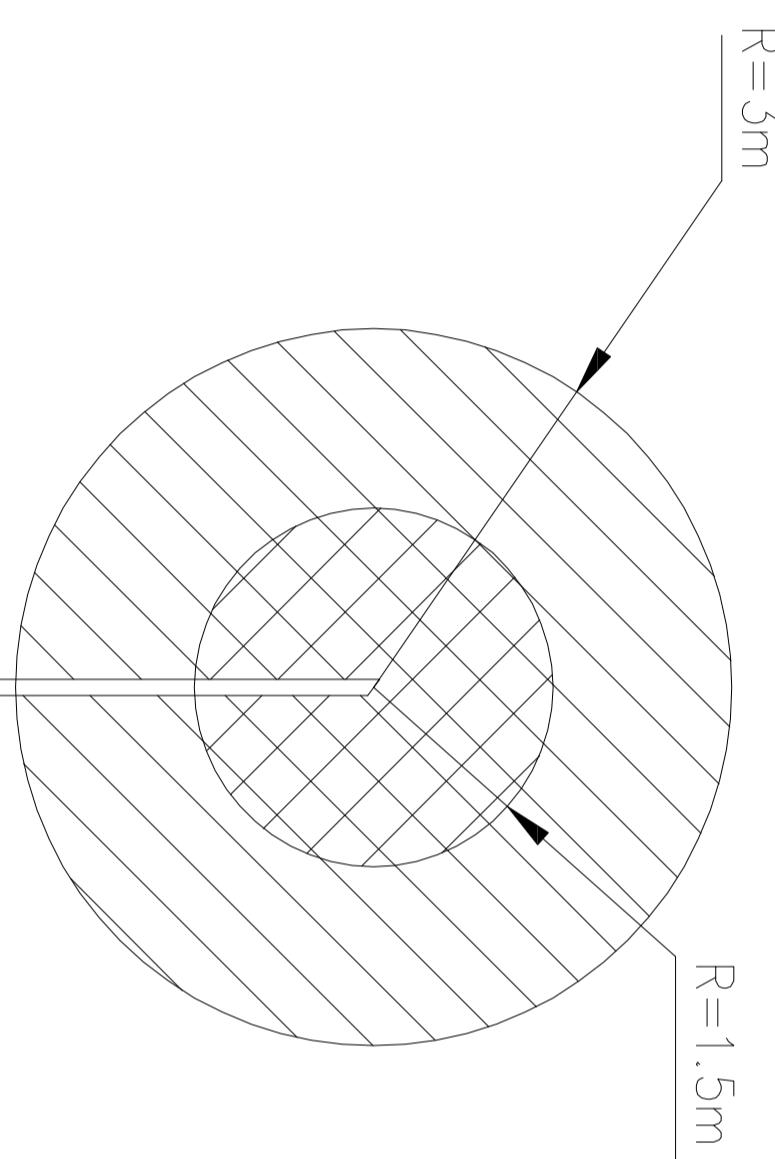
| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|

NOTE

1. THE INTERIOR OF THE VENT PIPE IS ZONE 1 HAZARDOUS AREA, CROSS HATCHING HAS BEEN OMITTED FOR DRAWING CLARITY.
2. VENTS NOT SUBJECT TO DISCHARGING OR FOR LONG PERIODS OF TIME.
3. THIS DRAWING REFERS TO API RP 505, SECTION 8.2.3.1, FIGURE 14 A.
4. LEGEND

- | | |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/> | UNCLASSIFIED AREA |
| <input checked="" type="checkbox"/> | CLASS 1, ZONE 2 HAZARDOUS AREA |
| <input checked="" type="checkbox"/> | CLASS 1, ZONE 1 HAZARDOUS AREA |
| <input checked="" type="checkbox"/> | CLASS 1, ZONE 0 HAZARDOUS AREA |

① NUMBERING OF TYPICAL DRAWING



VENT LINE (REFER TO NOTE 1, 2)



PROCESS EQUIPMENT VENT
IN A NON-ENCLOSED
ADEQUATELY VENTILATED AREA

TITLE

BAPPEX EXPLORATION & PRODUCTION CO. LTD
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
SNUPPEC PETROLEUM AND
ENGINEERING CORPORATION
60 AMGCD SLUGGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

HAZARDOUS AREA CLASSIFICATION DRAWING

| FORMAT | DRAWING NO. | REVISION |
|--------|---|--------------|
| A2 | 240-0201-EME-DW0-0003 | |
| SCALE | NIS | SHEET 2 OF 4 |
| L | This Drawing is Property of Construction of ZICOM Equipment Pte Ltd. & Snuppec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or otherwise without written permission from ZICOM Equipment Pte Ltd. & Snuppec Petroleum Engineering Corporation. | |

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

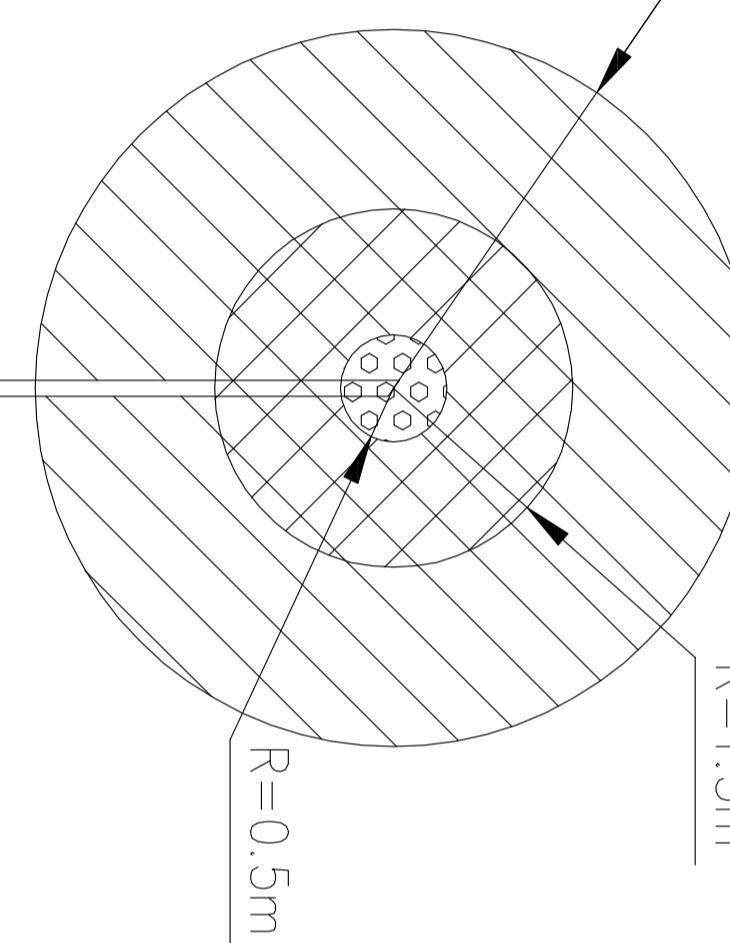
NOTE

- A . THE INTERIOR OF THE VENT PIPE IS ZONE
- B . AZARDOUS AREA, CROSS HATCHING HAS BE
- C . OMITTED FOR DRAWING CLARITY.
- D . VENTS NOT SUBJECT TO DISCHARGING
- E . OR FOR LONG PERIODS OF TIME.
- F . HIS DRAWING REFERS TO API RP 505,
- G . SECTION 8.2.3.1, FIGURE 14 B.

$R = 3m$

$R = 1.5m$

$R = 0.5m$



VENT LINE (REFER TO NOTE 1, 2)

DETAIL (NOT TO SCALE)

2

PROCESS EQUIPMENT VENT
IN A NON-ENCLOSED
ADEQUATELY VENTILATED AREA

FORMAT DRAWING NO. 240-0201-EME-DW0-0003

REVISION A2

-

SCALE NTS

H

SHEET 3 OF 4

G

CONSORTIUM OF

ZICOM EQUIPMENT PTE. LTD.

F

SNUPEC PETROLEUM
ENGINEERING CORPORATION

E

FOR BANGLADESH PETROLEUM
EXPLORATION & PRODUCTION CO. LTD
ZICOM 60 AMGOF SLUDGE DEHUMIDIFICATION NATURAL GAS PROCESS PLANT

TITLE HAZARDOUS AREA CLASSIFICATION DRAWING

D

This Drawing is Property of Construction of ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or given without written permission from ZICOM Equipment Pte Ltd. & Snupec Petroleum Engineering Corporation.

C

UNCLASSIFIED AREA

CLASS 1, ZONE 2 HAZARDOUS AR

CLASS 1, ZONE 1 HAZARDOUS AR

CLASS 1, ZONE 0 HAZARDOUS AR

② NUMBERING OF TYPICAL DRAWING

LEGEND

A . THE INTERIOR OF THE VENT PIPE IS ZONE

B . AZARDOUS AREA, CROSS HATCHING HAS BE

C . OMITTED FOR DRAWING CLARITY.

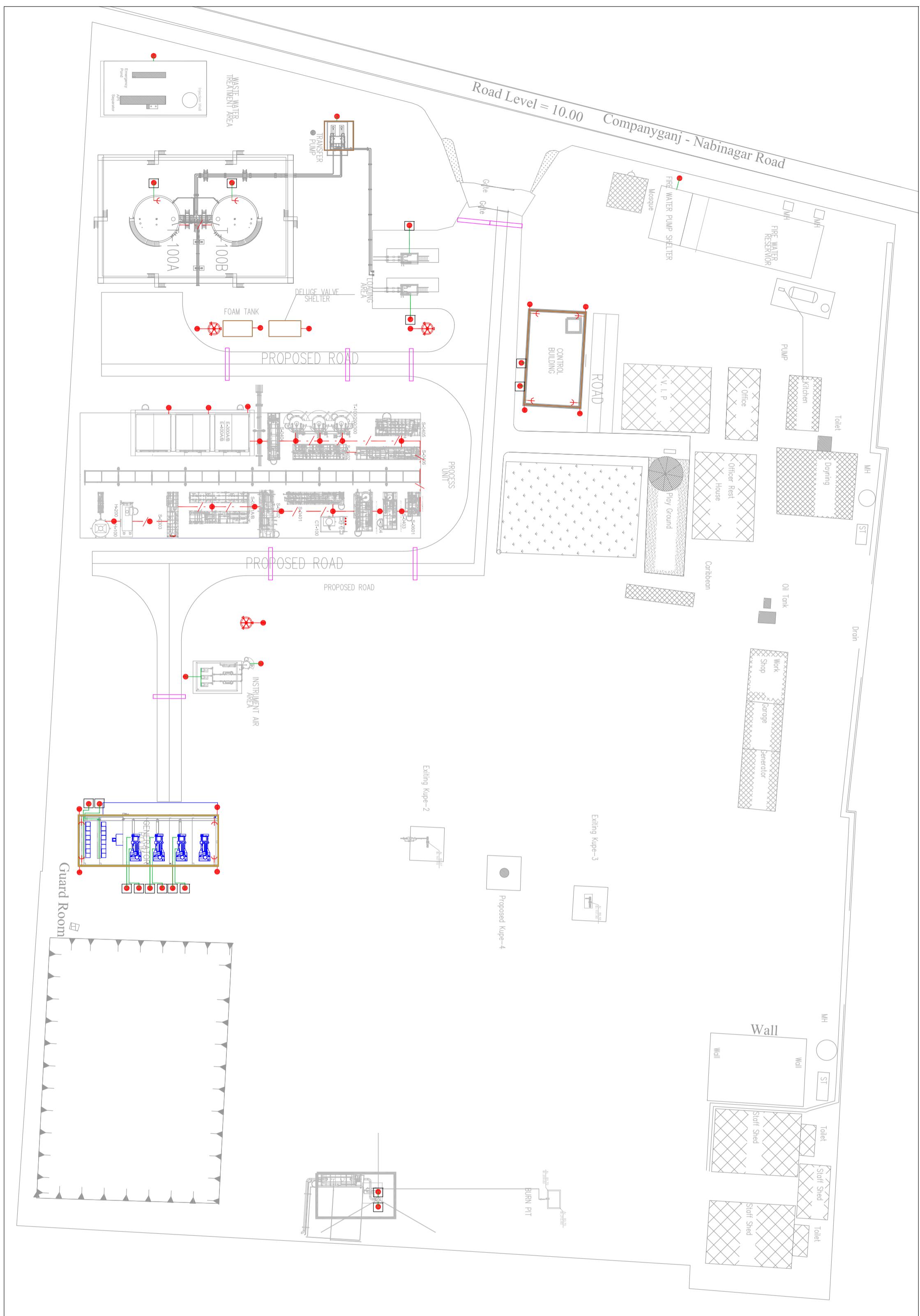
D . VENTS NOT SUBJECT TO DISCHARGING

E . OR FOR LONG PERIODS OF TIME.

F . HIS DRAWING REFERS TO API RP 505,

G . SECTION 8.2.3.1, FIGURE 14 B.

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |



LEGEND



High Mast Light
H=15m, 3x400W



Copper cable, 1X95 Sq.mm



Stranded PVC insulated copper cable
1X16 Sq.mm



Grounding Rod, Dia. 25mm



Earthing Pit



Lightning Arrestor

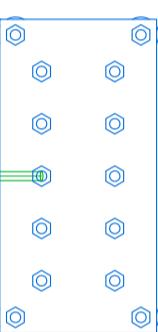
| REV | DATE | APPR'D | CLIENT APPROVAL | | |
|-----|---------------------|-----------|-----------------|-------|------|
| | | | AS | MH | VG |
| A | ISSUED FOR APPROVAL | REV'D | CHKD | APP'D | DATE |
| REV | DESCRIPTION | REVISIONS | | | |

| FOR BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD | | | | | |
|---|--|--|--|--|--|
| CONSORTIUM OF ZICOM EQUIPMENT PTE. LTD. AND SINOPEC PETROLEUM ENGINEERING CORPORATION | | | | | |
| 60 AMSCD SLUDGE DEHUMIDIFICATION NATURAL GAS PROCESS PLANT | | | | | |
| TITLE ELECTRICAL EARTHING LAYOUT | | | | | |
| FORMAT DRAWING NO. 240-2021-EMEL-DW00-0004 REVISION A2 | | | | | |
| SCALE 1:1000 SHEET 1 OF 2 | | | | | |

| |
|---|
| This Drawing is Property of ZICOM Equipment Pte Ltd. & Sinopetroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or otherwise without written permission from ZICOM Equipment Pte Ltd. & Sinopetroleum Engineering Corporation. |
| |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|

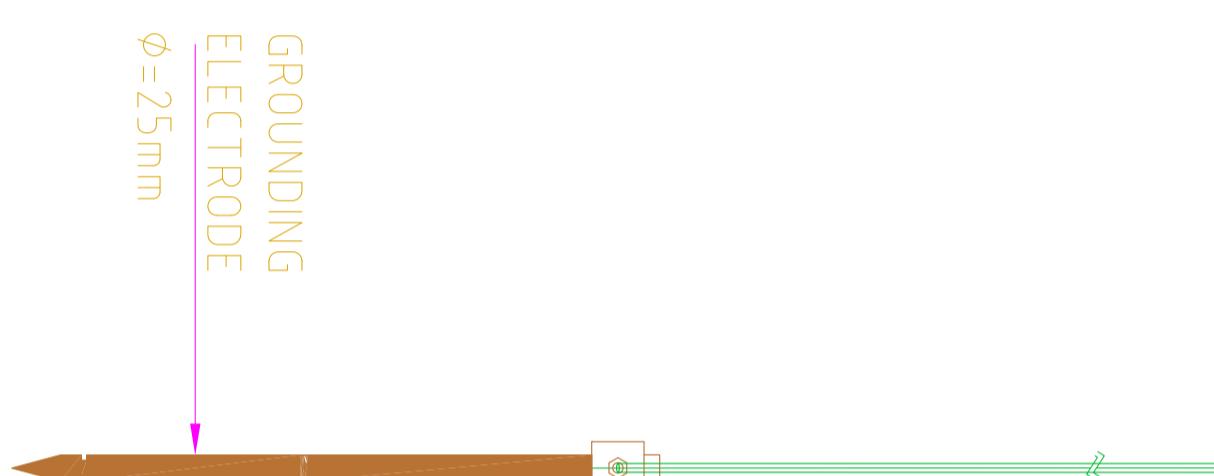
EARTHING BUS BAR /SKID



GROUND LEVEL



CABLE SIZE 95mm²{2}



GROUNDED
ELECTRODE

$\phi = 25\text{ mm}$

FORMAT DRAWING NO. 240-0201-EMEL-DW00-0004

REVISION A2

SCALE 1:1000

SHEET 2 OF 2

CONSORTIUM OF ZICOM EQUIPMENT PTE. LTD. AND SINOPEC PETROLEUM ENGINEERING CORPORATION

FOR BAPPEX BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD.

60 AMSCO SLICAGE DEHUMIDIFIER NATURAL GAS PROCESS PLANT

TITLE ELECTRICAL EARTHING LAYOUT

This Drawing is Property of Consortium of ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed or used without written permission from ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation.

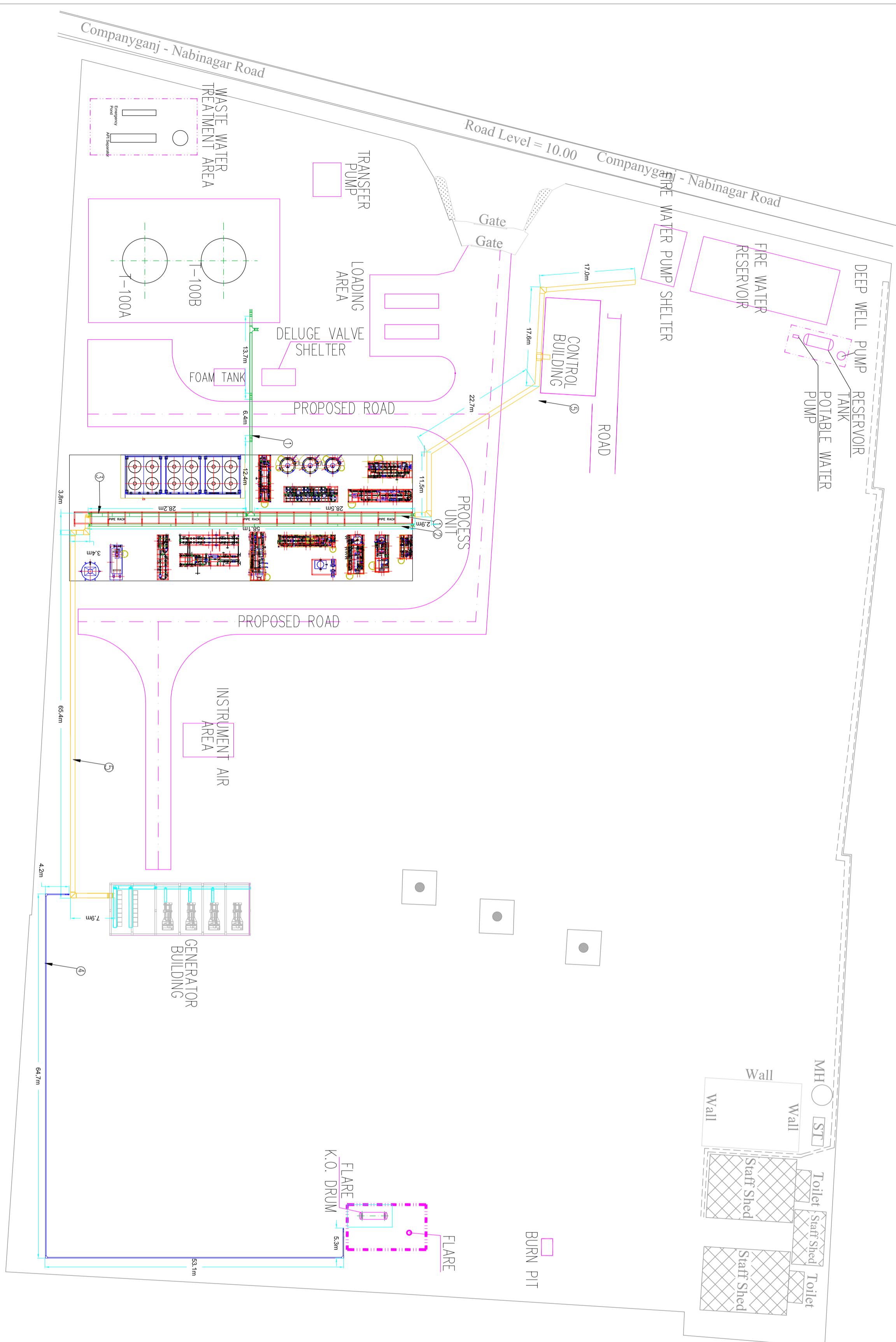
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

NOTE
1. This layout is subject to change as per site conditions.

LEGEND

- ①  400(W)X250(D) Cable Tray
- ②  400(W)X150(D) Cable Tray
- ③  600(W)X250(D) Cable Tray
- ④  Conduit
- ⑤  800(W)X1200(D) Cable Trench



| REV | DATE | CLIENT APPROVAL | | | APPR'D |
|-----|---------------------|-----------------|----|----|-----------|
| A | ISSUED FOR APPROVAL | AS | MH | VG | 2015.5.12 |

| REV | DESCRIPTION | PREP'D | CHK'D | APP'D | DATE |
|-----|-------------|--------|-------|-------|------|
| J | REVISIONS | | | | |

BAPPEX
BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD.
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
AND
SINOPEC PETROLEUM ENGINEERING CORPORATION
FOR
60 MMSD SLUDGE DEHUMIDIFICATION TYPE NATURAL GAS PROCESS PLANT

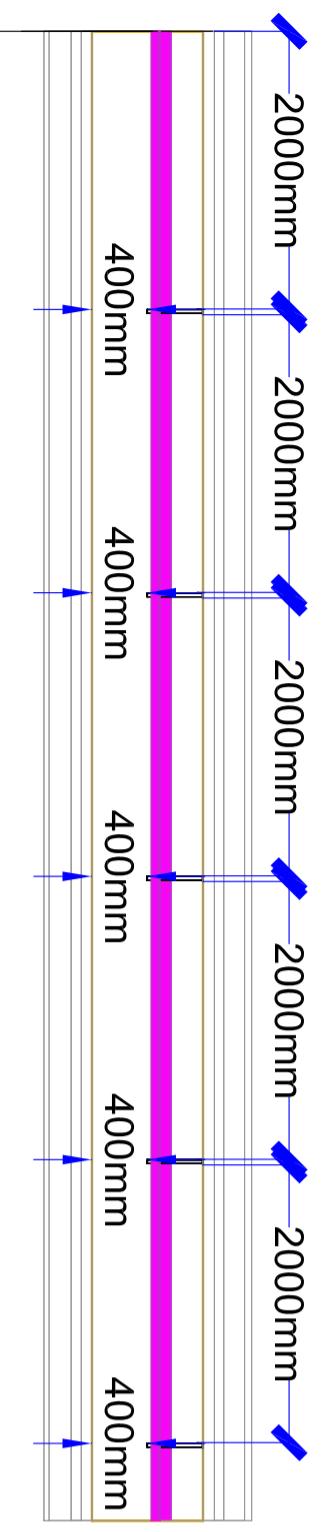
TITLE

CABLE TRAY LAYOUT

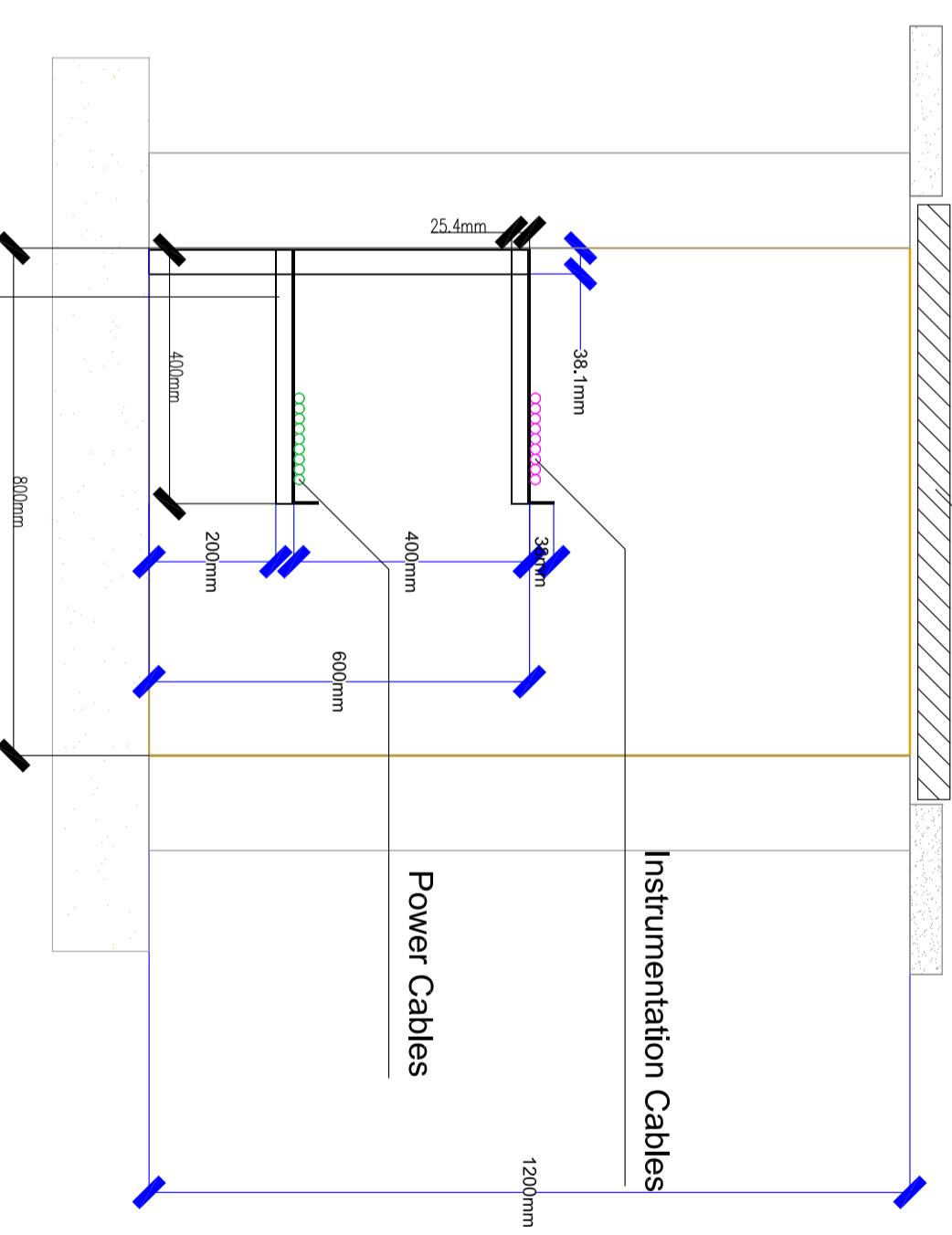
| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|---|
| A2 | 240-0201-EMEL-DW00-0005 |  |
| SCALE | 1:1000 | SHEET 1 OF 2 |

This Drawing is Property of Construction ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation and any information contained in this Drawing will not be Reproduced, Disclosed or otherwise without written permission from ZICOM Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation.

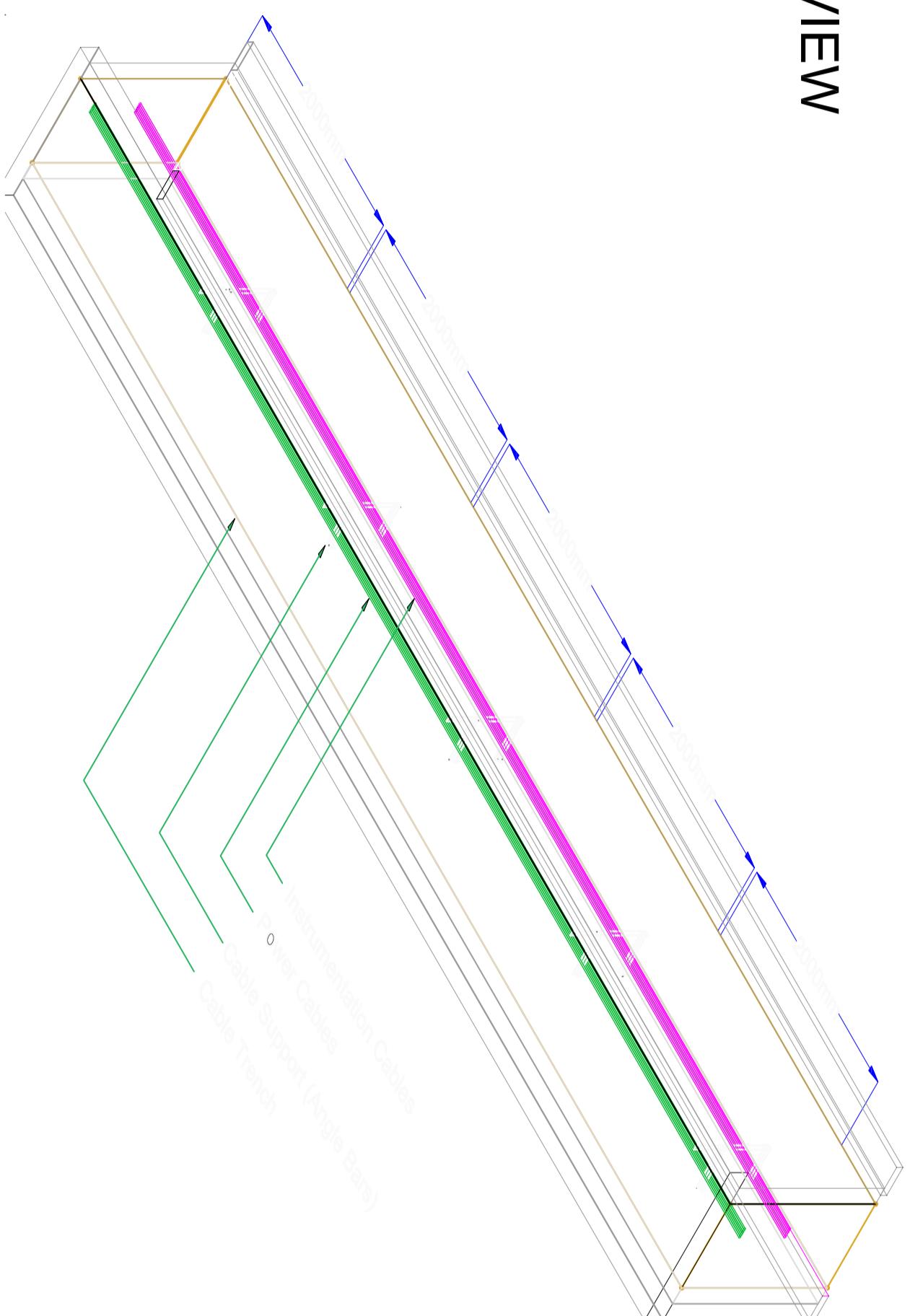
TOP VIEW



FRONT VIEW



ISOMETRIC VIEW



| REV | DATE | APPR'D |
|-----------------|---------------------|-------------------------|
| CLIENT APPROVAL | | |
| | | |
| | | |
| A | ISSUED FOR APPROVAL | AS MH VG 2015.5.12 |
| REV | DESCRIPTION | PREP'D CHK'D APP'D DATE |
| | REVISIONS | |

-

H

G

F

E

D

C

B

A

| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|--------------|
| A2 | 240-0201-EMEL-DW00-0005 | A |
| SCALE | 1:1000 | SHEET 2 OF 2 |

L

J

I

H

G

F

E

D

C

B

A

-

K

J

I

H

G

F

E

D

C

B

A

-

L

K

J

I

H

G

F

E

D

C

B

A

-

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

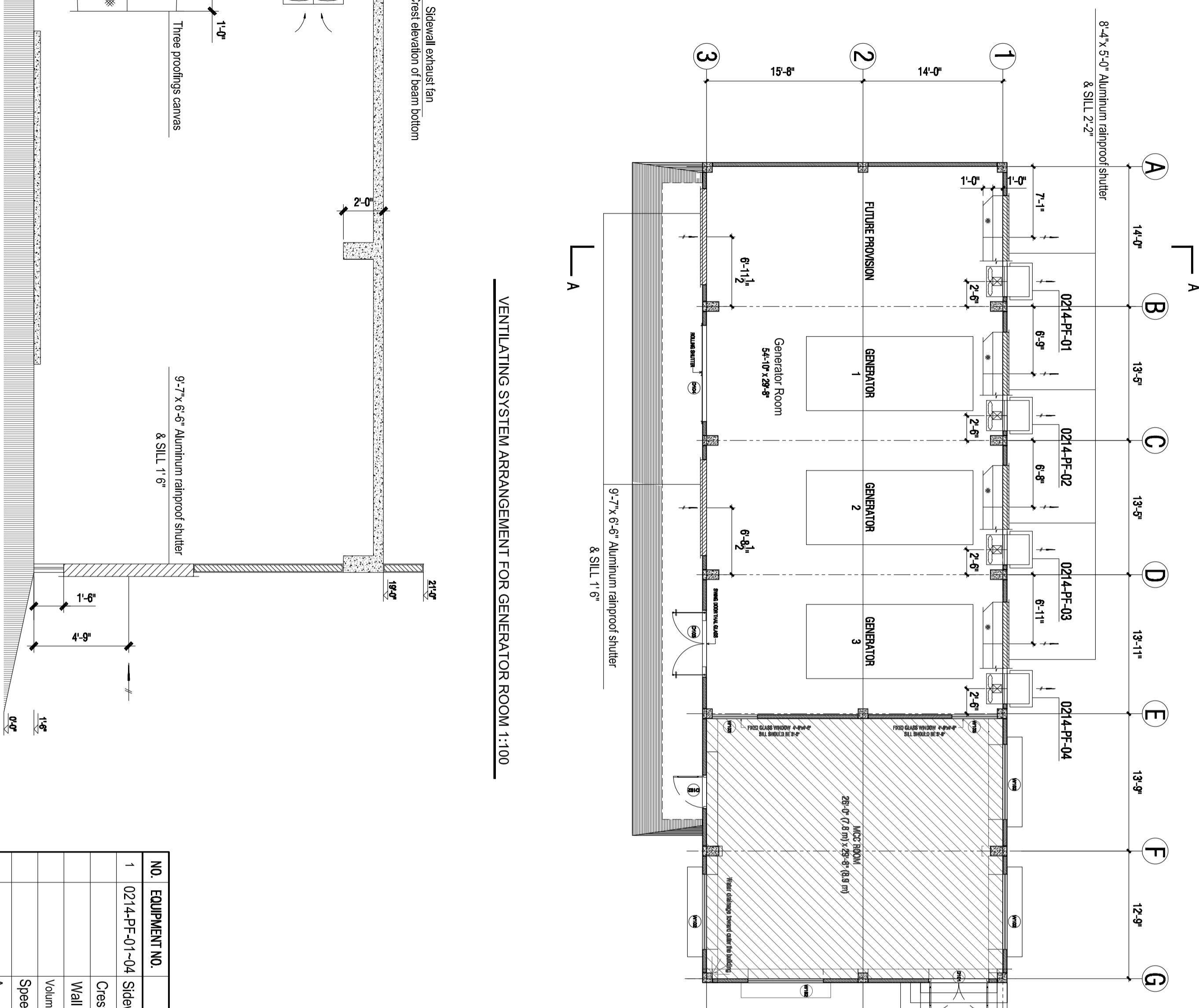
16

Removable R.C. Cover

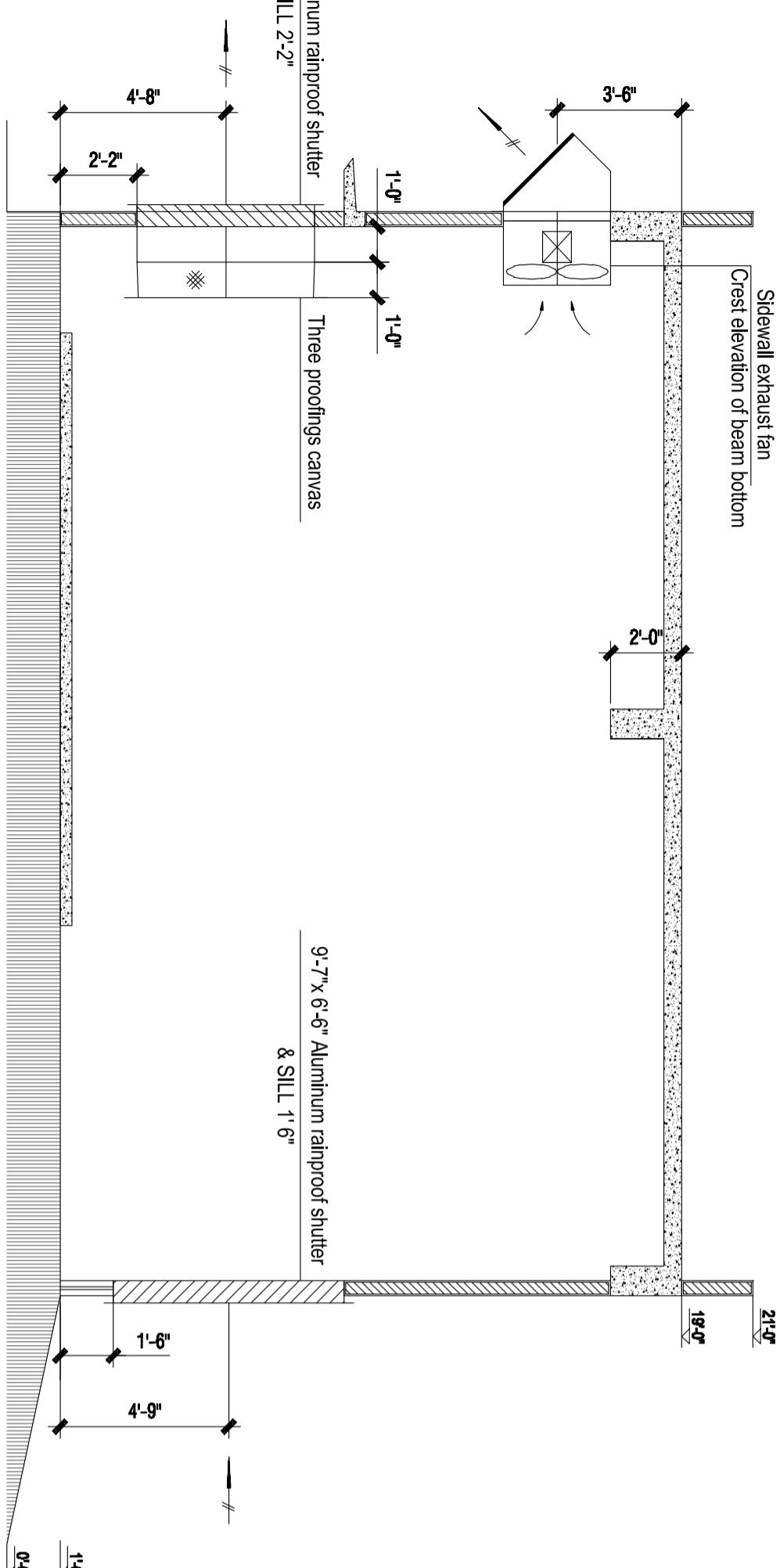
BAPPEX
BANGLADESH PETROLEUM EXPLORATION & PRODUCTION CO. LTD.
CONSORTIUM OF
ZICOM EQUIPMENT PTE. LTD.
AND
SINOPEC PETROLEUM ENGINEERING CORPORATION

FOR
60 AMSOIL SLURGEL DEHUMIDIFICATION NATURAL GAS PROCESS PLANT
TITLE
CABLE TRAY LAYOUT

FORMAT DRAWING NO. REVISION
A2 240-0201-EMEL-DW00-0005 A
SCALE 1:1000 SHEET 2 OF 2
L
This Drawing is Property of Zicom Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, disclosed or otherwise without written permission from Zicom Equipment Pte Ltd. & Sinopec Petroleum Engineering Corporation.



VENTILATING SYSTEM ARRANGEMENT FOR GENERATOR ROOM 1:100



| NO. | EQUIPMENT NO. | DESCRIPTION | UNIT | QUANTITY | REMARK |
|-----|---------------|---|------|----------|-------------|
| 1 | 0214-PF-01-04 | Sidewall exhaust fan | set | 4 | 400V, 1.1kW |
| | | Crest elevation of beam bottom | | | |
| | | Wall opening size is 945x945mm | | | |
| | | Volume: 13700m³/h; Static Pressure: 100Pa | | | |
| | | Speed: VTA | | | |
| | | Accessories: 45° weather cover, | | | |
| | | Gravity back-draft damper, | | | |
| | | Stainless steel insectscreen, | | | |
| | | Safety protective screening | | | |

| FORMAT | DRAWING NO. | REVISION |
|--------|-------------------------|----------|
| A2 | 240-0214-EM-N-DW005-001 | A |

SCALE 1:100 SHEET 1 OF 1

This Drawing is Property of ZICOM Engineering Pvt. Ltd. & Snippec Petroleum Engineering Corporation and any information contained in this drawing will not be reproduced, Disclosed to others without written permission from ZICOM Engineering Pvt. Ltd. & Snippec Petroleum Engineering Corporation.

SECTION A-A 1:50