REPUBLIC OF THE UNION OF MYANMAR

MINISTRY OF TRANSPORT AND COMMUNICATIONS
DIRECTORATE OF WATER RESOURCES AND IMPROVEMENT OF RIVER SYSTEMS (DWIR)

AYEYARWADY INTEGRATED RIVER BASIN MANAGEMENT PROJECT (AIRBM)

PROJECT MANAGEMENT UNIT (PMU)

ELV SYSTEM DRAWINGS
FOR
THREE STOREYED REINFORCED CONCRETE OFFICE BUILDING
<table>
<thead>
<tr>
<th>NO.</th>
<th>DRAWING LIST</th>
<th>DRAWING TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DWIR-3STY-PMU-ELV-LIST-00</td>
<td>DRAWING LIST</td>
</tr>
<tr>
<td>2</td>
<td>DWIR-3STY-PMU-ELV-DET-01</td>
<td>LEGEND AND INSTALLATION DETAILS</td>
</tr>
<tr>
<td>3</td>
<td>DWIR-3STY-PMU-ELV-CCTV-02</td>
<td>CCTV LAYOUT-GROUND FLOOR PLAN</td>
</tr>
<tr>
<td>4</td>
<td>DWIR-3STY-PMU-ELV-CCTV-03</td>
<td>CCTV LAYOUT-FIRST FLOOR PLAN</td>
</tr>
<tr>
<td>5</td>
<td>DWIR-3STY-PMU-ELV-CCTV-04</td>
<td>CCTV LAYOUT-SECOND FLOOR PLAN</td>
</tr>
<tr>
<td>6</td>
<td>DWIR-3STY-PMU-ELV-CCTV-05</td>
<td>CCTV LAYOUT-PENTHOUSE FLOOR PLAN</td>
</tr>
<tr>
<td>7</td>
<td>DWIR-3STY-PMU-ELV-CCTV-06</td>
<td>CCTV LAYOUT-ROOF FLOOR PLAN</td>
</tr>
<tr>
<td>8</td>
<td>DWIR-3STY-PMU-ELV-CCTV-07</td>
<td>CCTV SCHEMATIC -FLOOR PLAN</td>
</tr>
<tr>
<td>9</td>
<td>DWIR-3STY-PMU-ELV-PA-01</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - GROUND FLOOR PLAN</td>
</tr>
<tr>
<td>10</td>
<td>DWIR-3STY-PMU-ELV-PA-02</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - FIRST FLOOR PLAN</td>
</tr>
<tr>
<td>11</td>
<td>DWIR-3STY-PMU-ELV-PA-03</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - SECOND FLOOR PLAN</td>
</tr>
<tr>
<td>12</td>
<td>DWIR-3STY-PMU-ELV-PA-04</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - PENTHOUSE FLOOR PLAN</td>
</tr>
<tr>
<td>13</td>
<td>DWIR-3STY-PMU-ELV-PA-05</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - ROOF FLOOR PLAN</td>
</tr>
<tr>
<td>14</td>
<td>DWIR-3STY-PMU-ELV-PA-06</td>
<td>PUBLIC ADDRESS (PA ) LAYOUT - SCHEMATIC DIAGRAM</td>
</tr>
<tr>
<td>15</td>
<td>DWIR-3STY-PMU-ELV-DATA-01</td>
<td>TELEPHONE AND DATA LAYOUT - GROUND FLOOR PLAN</td>
</tr>
<tr>
<td>16</td>
<td>DWIR-3STY-PMU-ELV-DATA-02</td>
<td>TELEPHONE AND DATA LAYOUT - FIRST FLOOR PLAN</td>
</tr>
<tr>
<td>17</td>
<td>DWIR-3STY-PMU-ELV-DATA-03</td>
<td>TELEPHONE AND DATA LAYOUT - SECOND FLOOR PLAN</td>
</tr>
<tr>
<td>18</td>
<td>DWIR-3STY-PMU-ELV-DATA-04</td>
<td>TELEPHONE AND DATA LAYOUT - PENTHOUSE FLOOR PLAN</td>
</tr>
<tr>
<td>19</td>
<td>DWIR-3STY-PMU-ELV-DATA-05</td>
<td>TELEPHONE AND DATA LAYOUT - ROOF FLOOR PLAN</td>
</tr>
<tr>
<td>20</td>
<td>DWIR-3STY-PMU-ELV-DATA-06</td>
<td>DATA AND NETWORK SCHEMATIC DIAGRAM</td>
</tr>
<tr>
<td>21</td>
<td>DWIR-3STY-PMU-ELV-PABX-07</td>
<td>PABX SCHEMATIC DIAGRAM</td>
</tr>
<tr>
<td>22</td>
<td>DWIR-3STY-PMU-ELV-FA-01</td>
<td>FIRE ALARM LAYOUT - GROUND FLOOR PLAN</td>
</tr>
<tr>
<td>23</td>
<td>DWIR-3STY-PMU-ELV-FA-02</td>
<td>FIRE ALARM LAYOUT - FIRST FLOOR PLAN</td>
</tr>
<tr>
<td>24</td>
<td>DWIR-3STY-PMU-ELV-FA-03</td>
<td>FIRE ALARM LAYOUT - SECOND FLOOR PLAN</td>
</tr>
<tr>
<td>25</td>
<td>DWIR-3STY-PMU-ELV-FA-04</td>
<td>FIRE ALARM LAYOUT - PENTHOUSE FLOOR PLAN</td>
</tr>
<tr>
<td>26</td>
<td>DWIR-3STY-PMU-ELV-FA-05</td>
<td>FIRE ALARM LAYOUT - ROOF FLOOR PLAN</td>
</tr>
<tr>
<td>27</td>
<td>DWIR-3STY-PMU-ELV-FA-06</td>
<td>FIRE ALARM SCHEMATIC DIAGRAM</td>
</tr>
</tbody>
</table>
2ND FLOOR - CCTV LAYOUT
PENTHOUSE - CCTV LAYOUT
CLOSE CIRCUIT TELEVISION (CCTV) SCHEMATIC DIAGRAM

SYSTEM UNIT

NVR Rack Recorder

Second Floor

( Server Room )

CDXIAL CABLE RG-11
OR CATEGORY - 6 CABLE

3D x 2.5mm²

MONITOR

SERVER ROOM

Pentosue Floor

Second Floor

First Floor

Ground Floor

Call 5e UTP

LEGEND

- FIRE ALARM ADDRESSABLE PANEL
- SMOKE DETECTOR
- FIRE ALARM BELL
- MANUAL CALL POINT
- OUTDOOR IP66 CAMERA
- INDOOR IP66 CAMERA
- DATA SOCKET OUTLET
- W.F. ACCESS POINT
- PHONE SOCKET OUTLET
- PHONE JACK Junction
- MAIN DISCH. SWITCH
- MAIN DISTRIBUTION FRAME
- SOCKET OUTLETS
- CEILING SPEAKER (SM)
- CEILING SPEAKER (LCAH)
- BOX SPEAKER (SM)
- BOX SPEAKER (LCAH)
- MICROPHONE

DRAWING REFERENCES:

A3 YANGON, MYANMAR
D.W.I.R

DESCRIPTION

REV.

DATE

1.8.2017
1

10/10/16

DWIR-3STY-PMU-ELV-CCTV-07

ELV SYSTEM

CCTV SCHEMATIC DIAGRAM

OWNER / APPLICANT

PARAMI STREET, MAYANGONE TOWNSHIP
YANGON, MYANMAR.
E-MAIL: GreatParagonCoLtd@gmail.com

M&E ENGINEER
GROUND FLOOR - PUBLIC ADDRESS (PA) LAYOUT
1ST FLOOR - PUBLIC ADDRESS (PA) LAYOUT
2ND FLOOR - PUBLIC ADDRESS (PA) LAYOUT
PA SYSTEM SCHEMATIC DIAGRAM

(ONE-WAY EMERGENCY VOICE COMMUNICATION SYSTEM)
GROUND FLOOR - TELEPHONE AND DATA LAYOUT
1ST FLOOR - TELEPHONE AND DATA LAYOUT
2ND FLOOR - TELEPHONE AND DATA LAYOUT
PENTHOUSE - TELEPHONE AND DATA LAYOUT

SCALE: 1" = 10' 0"

PROJECT TITLE

DRAWN.
CHECKED.
APPROVED.

REFERENCE NO.
DATE.

DRAWING TITLE.
STAGE.

DRAWING NO.
SIZE

REV.
DESCRIPTION

REV.
DATE

1.8.2017

1

PENTHOUSE FLOOR PLAN

GREAT PARAGON

PROPOSED 3 STOREY FMU BUILDING

PENTHOUSE FLOOR PLAN
ELV SYSTEM
TELEPHONE AND DATA LAYOUT

OWNER / APPLICANT

NO. (57), FIRST FLOOR
PARAMI STREET, MAYANGONE TOWNSHIP
YANGON, MYANMAR.
E-MAIL: GreatParagonCoLtd@gmail.com

M&E ENGINEER

LEGEND

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔴</td>
<td>FIRE ALARM ADDRESSABLE PANEL</td>
</tr>
<tr>
<td>🔴</td>
<td>SMOKE DETECTOR</td>
</tr>
<tr>
<td>🔴</td>
<td>FIRE ALARM BELL</td>
</tr>
<tr>
<td>🔴</td>
<td>MANUAL CALL POINT</td>
</tr>
<tr>
<td>🔴</td>
<td>OUTDOOR WEBCAMER (MP)</td>
</tr>
<tr>
<td>🔴</td>
<td>INDOOR WEBCAMER</td>
</tr>
<tr>
<td>🔴</td>
<td>INDOOR PHONE SATELLITE</td>
</tr>
<tr>
<td>🔴</td>
<td>DATA SOCKET OUTLET</td>
</tr>
<tr>
<td>🔴</td>
<td>W/F ACCESS POINT</td>
</tr>
<tr>
<td>🔴</td>
<td>PHONE SOCKET OUTLET</td>
</tr>
<tr>
<td>🔴</td>
<td>PHONE OUTLET JUNCTION</td>
</tr>
<tr>
<td>🔴</td>
<td>MAIN DISTRIBUTE PANEL</td>
</tr>
<tr>
<td>🔴</td>
<td>STAIR RACK</td>
</tr>
<tr>
<td>🔴</td>
<td>CABLE RACK</td>
</tr>
<tr>
<td>🔴</td>
<td>CABLE SPACES</td>
</tr>
<tr>
<td>🔴</td>
<td>BOX SPEAKER (FM)</td>
</tr>
<tr>
<td>🔴</td>
<td>BOX SPEAKER (HFM)</td>
</tr>
<tr>
<td>🔴</td>
<td>MICROPHONE</td>
</tr>
</tbody>
</table>

DWIR-3STY-PMU-ELV-DATA-04
ROOF FLOOR - TELEPHONE AND DATA LAYOUT
DATA NETWORK SYSTEM SCHEMATIC DIAGRAM

Data Socket Outlets should be mounted at 300 mm above floor level.
Telephone Socket Outlets should be mounted at 300 mm above floor level.

PABX SYSTEM SCHEMATIC DIAGRAM
GROUND FLOOR - FIRE ALARM LAYOUT

MOTHER CONSTRUCTION COMPANY LIMITED.
No.56, SAT SAYA U TUN ROAD,
INDUSTRIAL ZONE (4),
SHWE PYI THAR TOWNSHIP, YANGON.
TEL : 618203, 618385, 618386, 618387.
Email : mmotherconstruction@gmail.com
1ST FLOOR - FIRE ALARM LAYOUT
2ND FLOOR - FIRE ALARM LAYOUT
PENTHOUSE - FIRE ALARM LAYOUT
ROOF FLOOR - FIRE ALARM LAYOUT