

2-2-3 Outline Design Drawing

The following outline design drawings for the Project are attached hereunder.

<Kyauk Phyu Meteorological Radar Tower Building>

- Site Plan : A-01(K)
- Floor Plan 1 : A-02(K)
- Floor Plan 2 : A-03(K)
- Floor Plan 3 : A-04(K)
- Floor Plan 4 : A-05(K)
- Floor Plan 5 : A-06(K)
- Elevation 1 : A-07(K)
- Elevation 2 : A-08(K)
- Section : A-09(K)

- Equipment Layout 1 : EQ-01(K)
- Equipment Layout 2 : EQ-02(K)

<Yangon Meteorological Radar Tower Building>

- Site Plan : A-01(Y)
- Floor Plan 1 : A-02(Y)
- Floor Plan 2 : A-03(Y)
- Floor Plan 3 : A-04(Y)
- Floor Plan 4 : A-05(Y)
- Floor Plan 5 : A-06(Y)
- Floor Plan 6 : A-07(Y)
- Floor Plan 7 : A-08(Y)
- Elevation 1 : A-09(Y)
- Elevation 2 : A-10(Y)
- Section : A-11(Y)

- Equipment Layout 1 : EQ-01(Y)
- Equipment Layout 2 : EQ-02(Y)

<Mandalay Meteorological Radar Tower Building>

- Site Plan : A-01(M)
- Floor Plan 1 : A-02(M)
- Floor Plan 2 : A-03(M)
- Floor Plan 3 : A-04(M)

- Floor Plan 4 : A-05(M)
- Floor Plan 5 : A-06(M)
- Floor Plan 6 : A-07(M)
- Floor Plan 7 : A-08(M)
- Elevation 1 : A-09(M)
- Elevation 2 : A-10(M)
- Section : A-11(M)

- Equipment Layout 1 : EQ-01(M)
- Equipment Layout 2 : EQ-02(M)

<DMH Multi-Hazard Early Warning Center, Nay Pyi Taw >

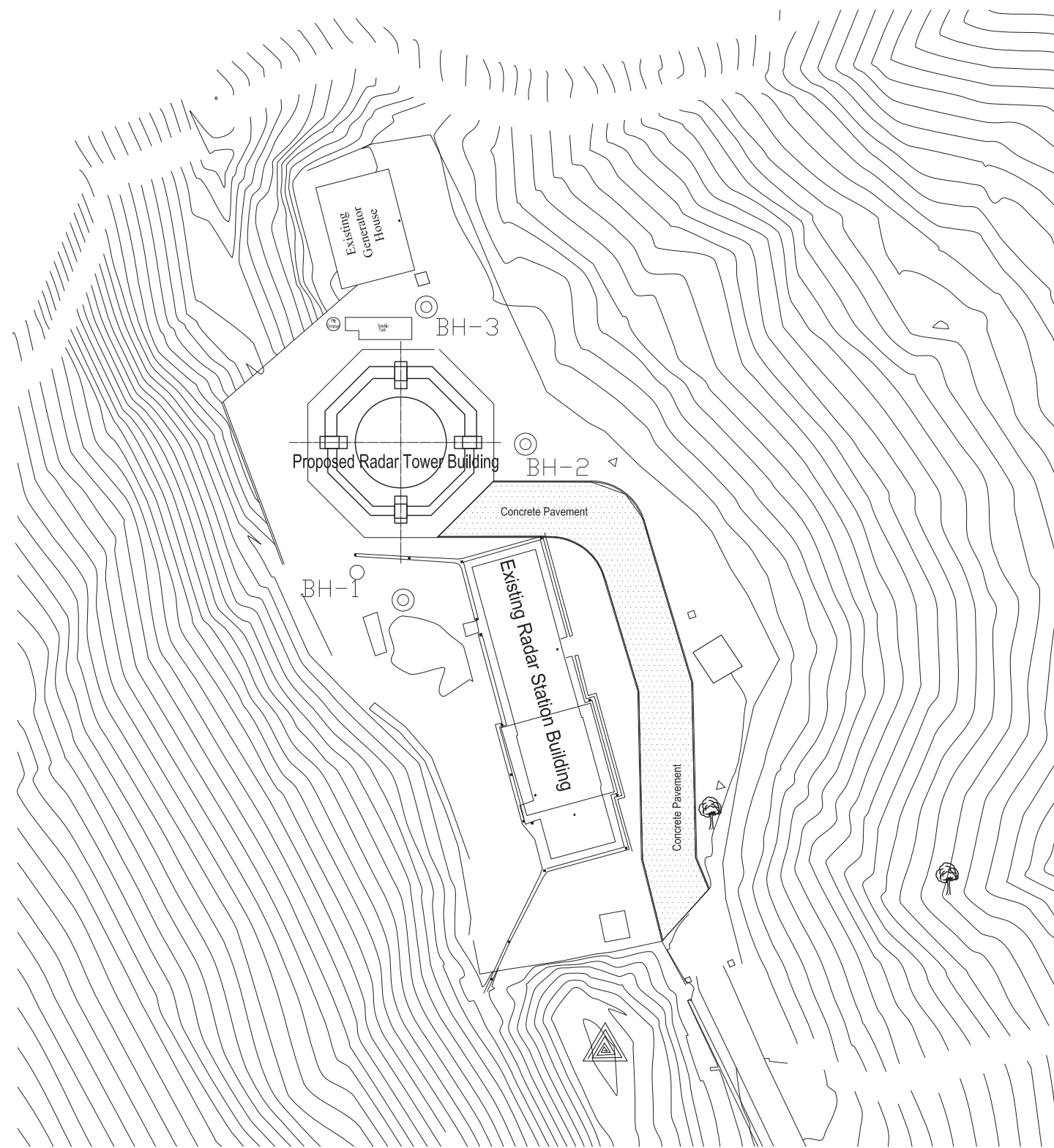
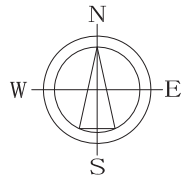
- Site Plan : EQ-01(NPT)
- Equipment Layout : EQ-02(NPT)
- Power Backup Shed (Floor Plan, Elevation and Section) : EQ-03(NPT)

<Air Traffic Control Tower in Yangon International Airport>

- Equipment Layout : EQ-01(YIA)

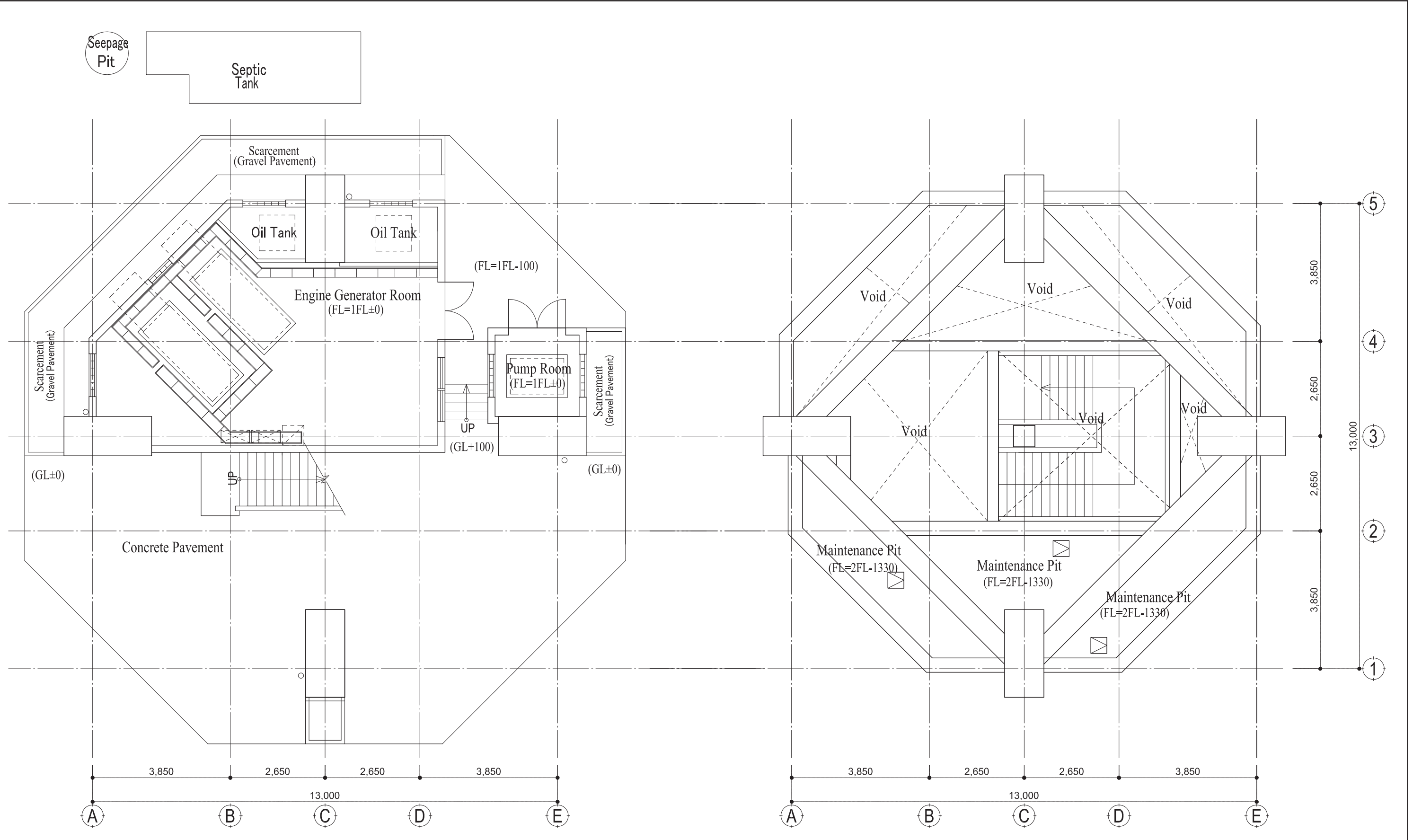
<Automatic Weather Observation System (AWS)>

- AWS Free-Standing Tower and Foundation : EQ-01(AWS)



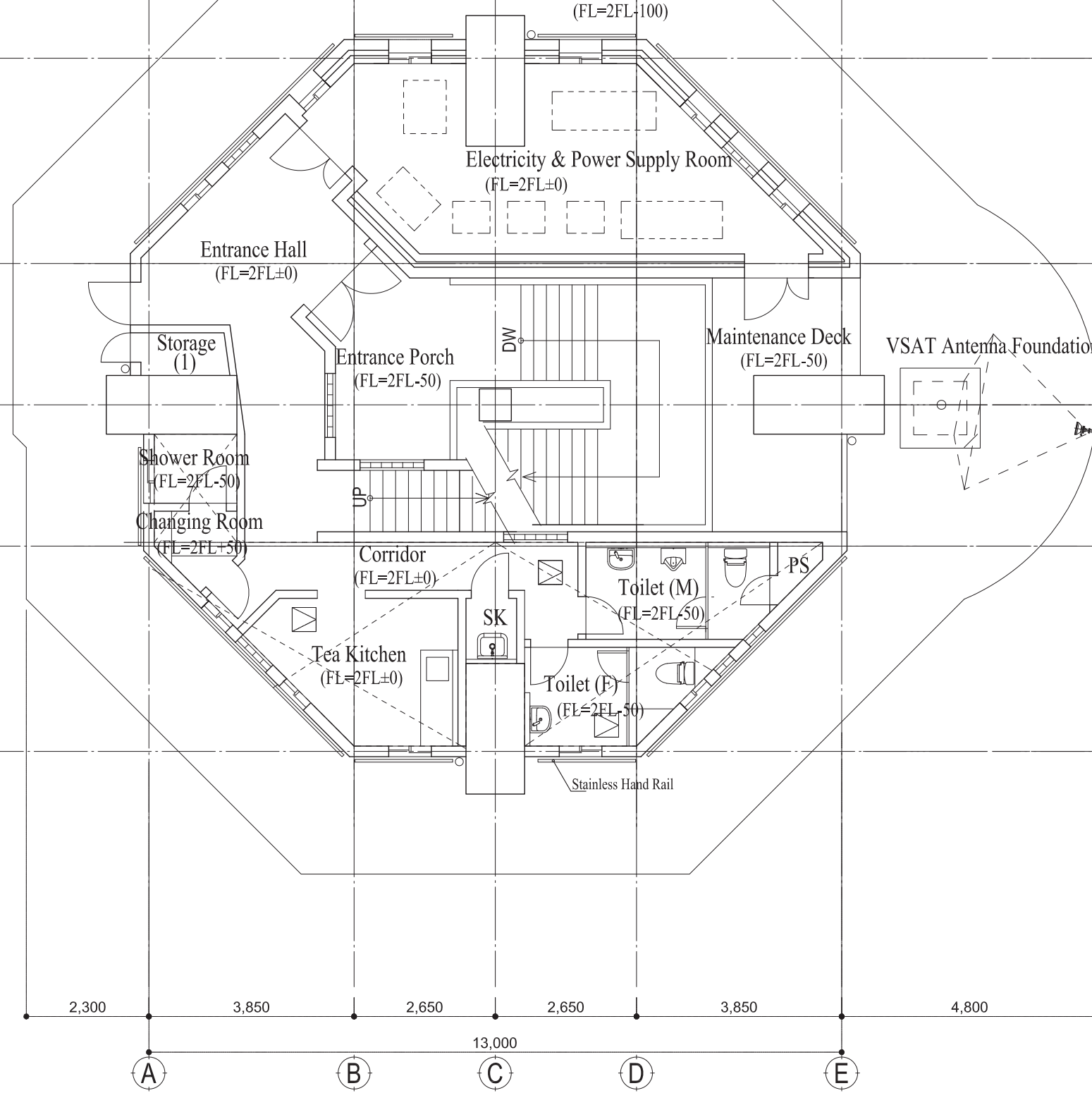
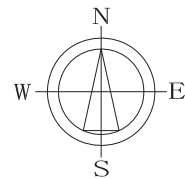
Area Calculations

| Floor | Floor Area (m2) | Construction Area (m2) |
|-------------------------------|------------------|------------------------|
| 1FL | 63.71 | 235.17 |
| MPFL | - | 36.82 |
| 2FL | 96.53 | 276.49 |
| 3FL | 145.49 | 204.20 |
| 4FL | 16.60 | 217.41 |
| 5FL | - | 92.15 |
| 6FL | - | 92.15 |
| 7FL | 111.03 | 123.97 |
| 8FL | 17.29 | 121.36 |
| 9FL | 30.19 | 121.36 |
| Total | 480.28 m2 | 1,521.08 m2 |
| Building Coverage Area | 144.93 m2 | - |

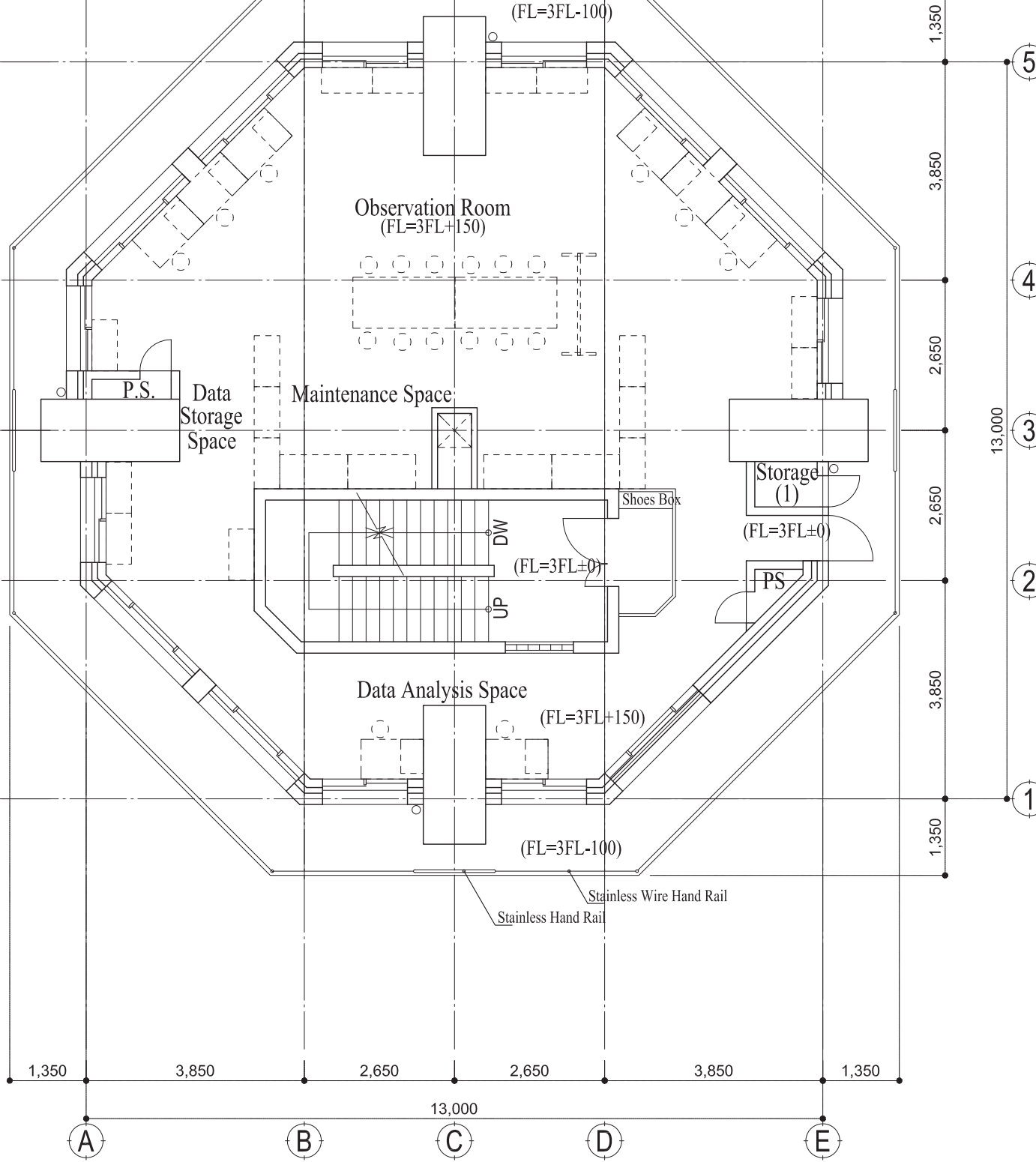


1FL PLAN


MPFL PLAN




2FL PLAN



3FL PLAN


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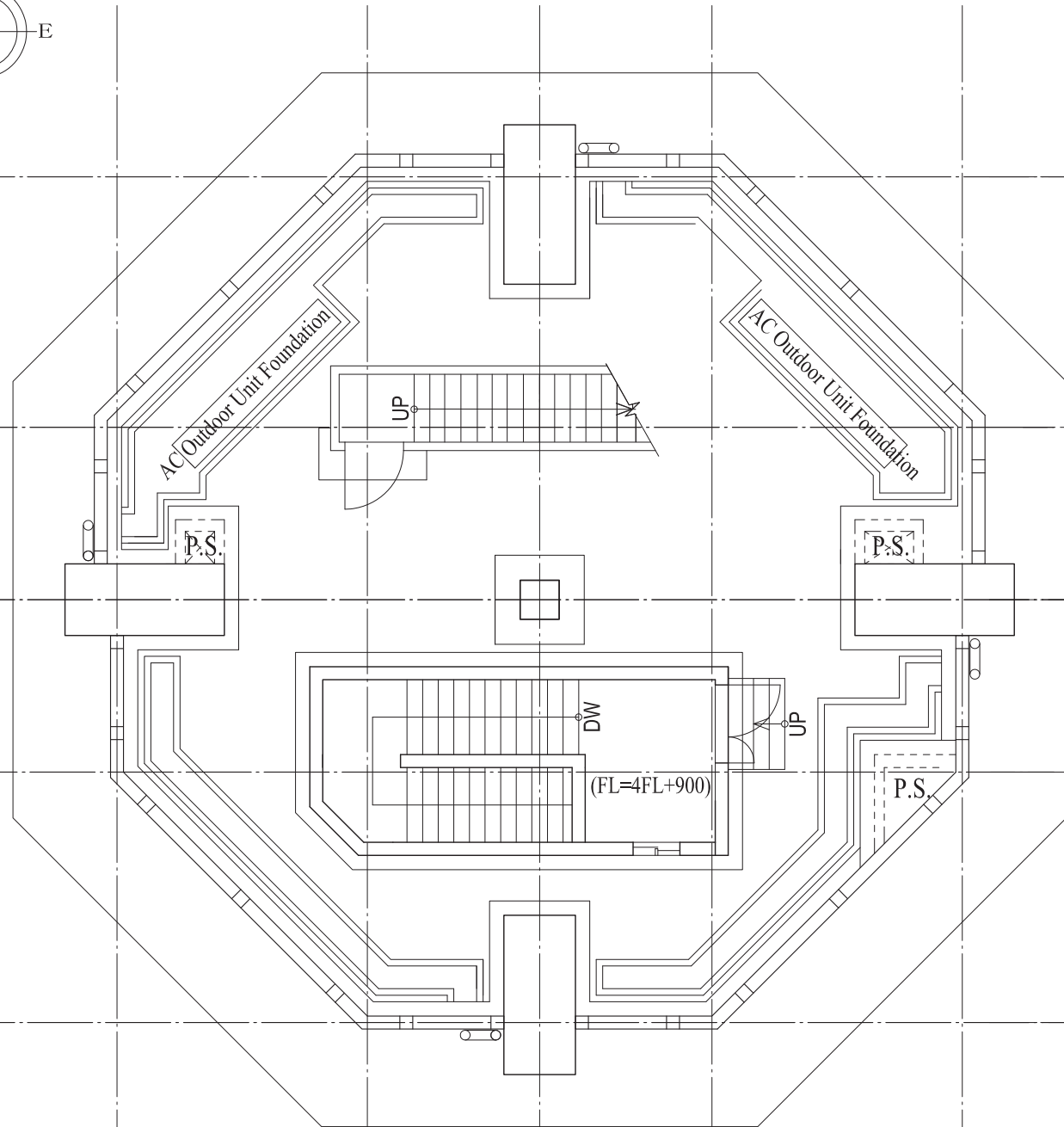
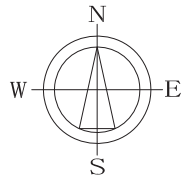

 International Meteorological Consultant Inc.

THE PROJECT FOR
 ESTABLISHMENT OF DISASTROUS WEATHER MONITORING SYSTEM
 IN THE REPUBLIC OF THE UNION OF MYANMAR

DRAWING TITLE
 KYAUK PHYU METEOROLOGICAL RADAR TOWER BUILDING
 FLOOR PLAN 2

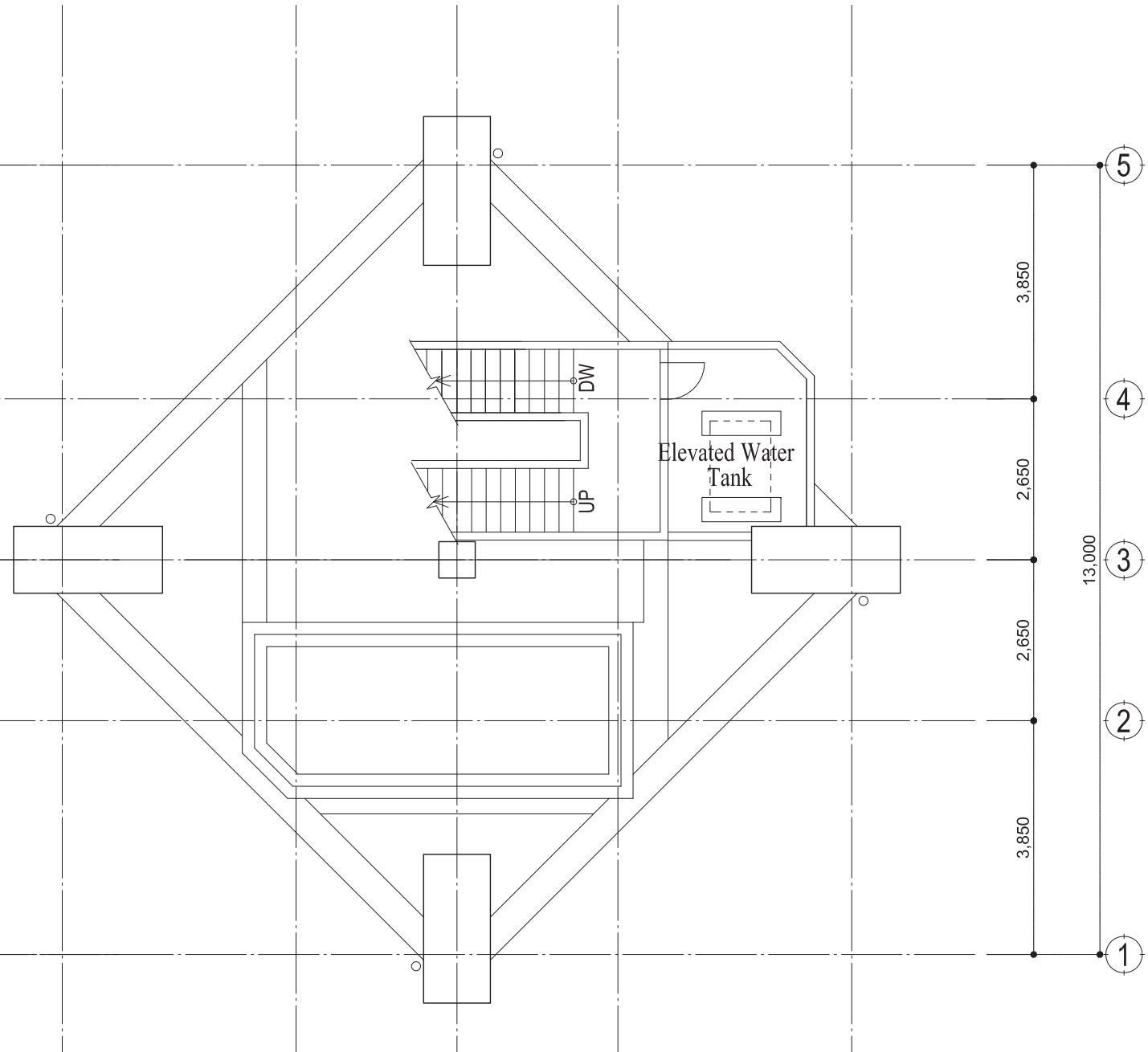
SCALE
 1:100

DRAWING No.
 A - 03 (K)



3,850 2,650 2,650 3,850
 A B C D E
 13,000

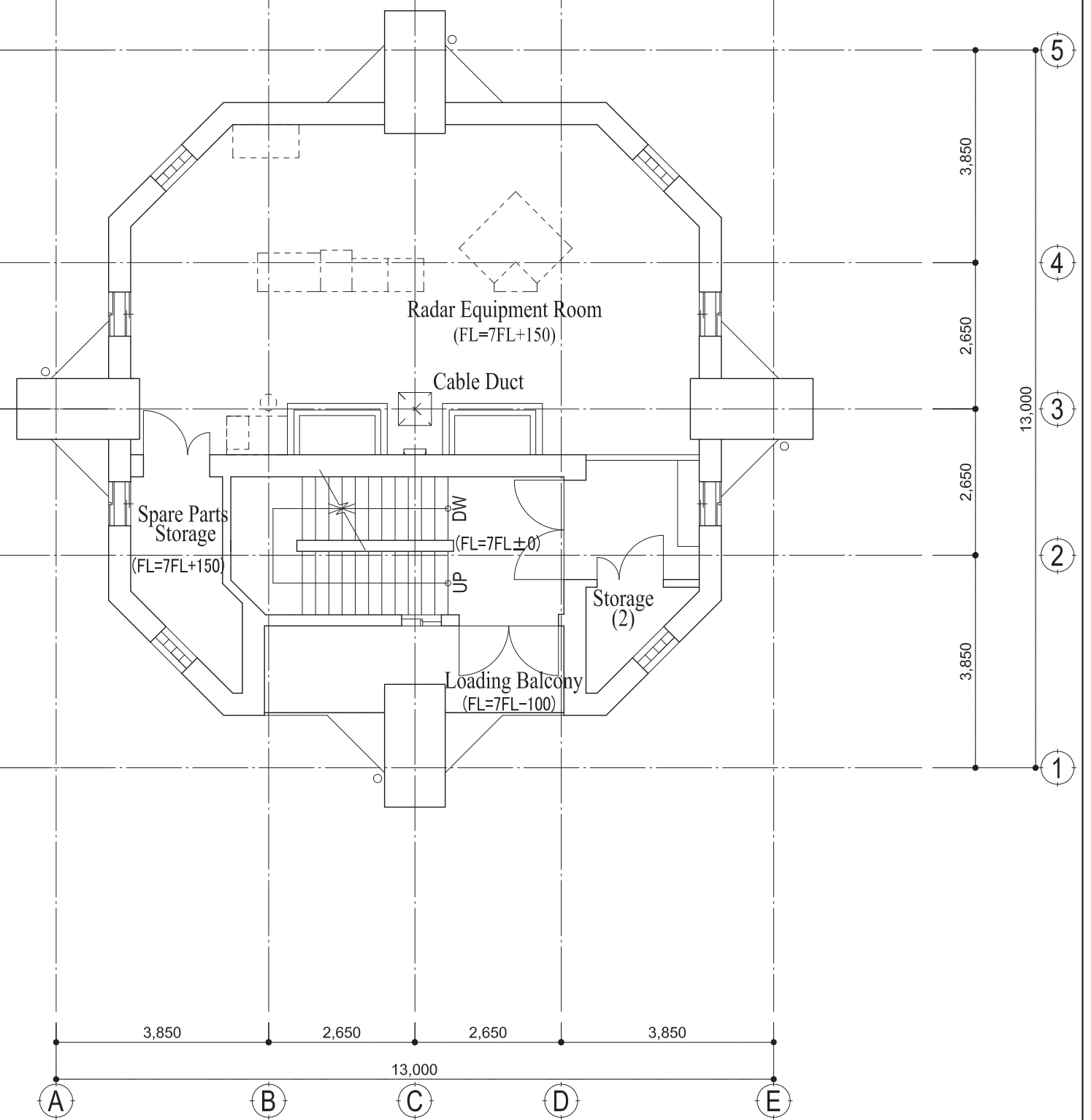
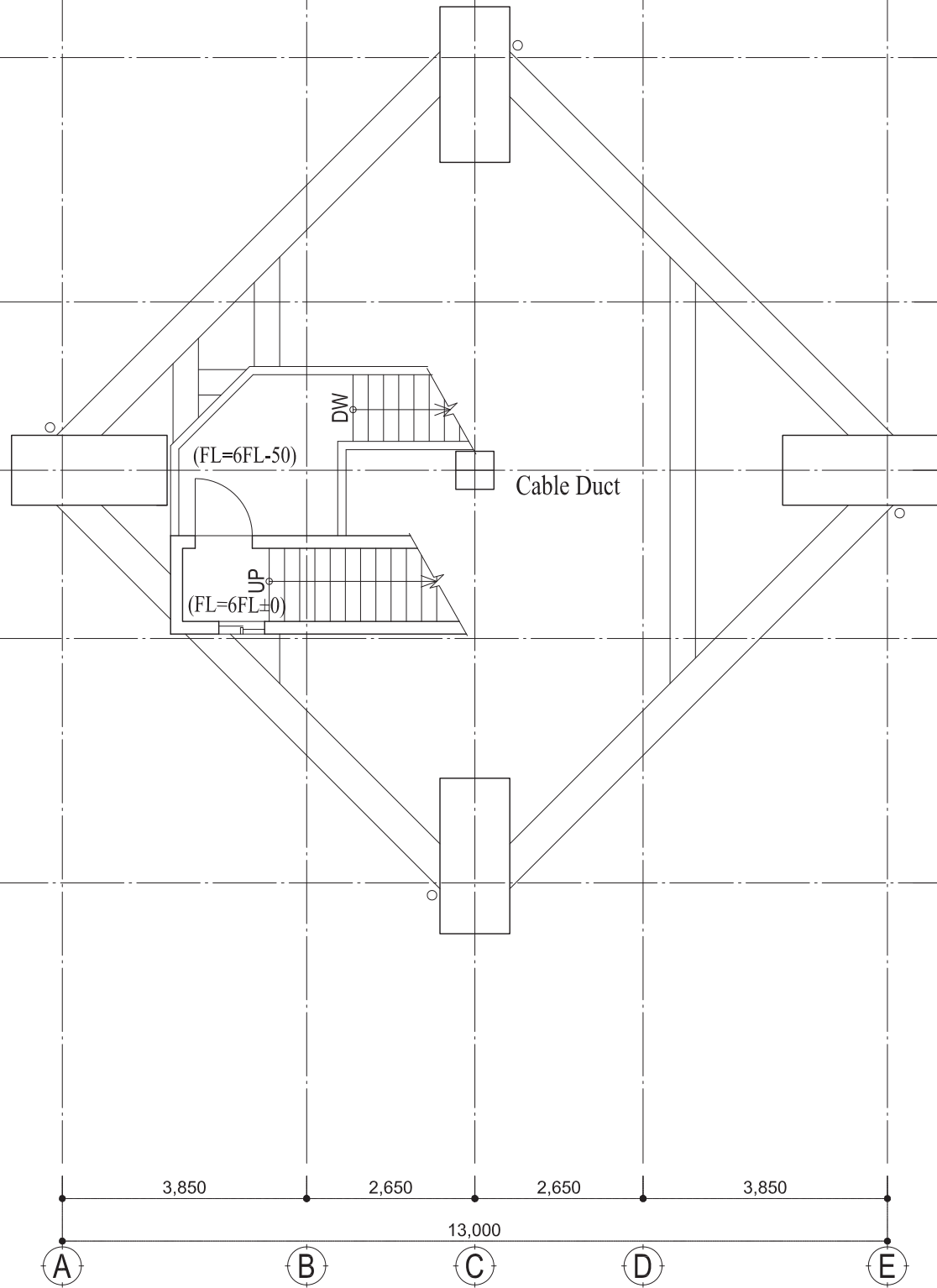
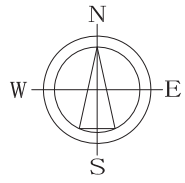
4FL PLAN

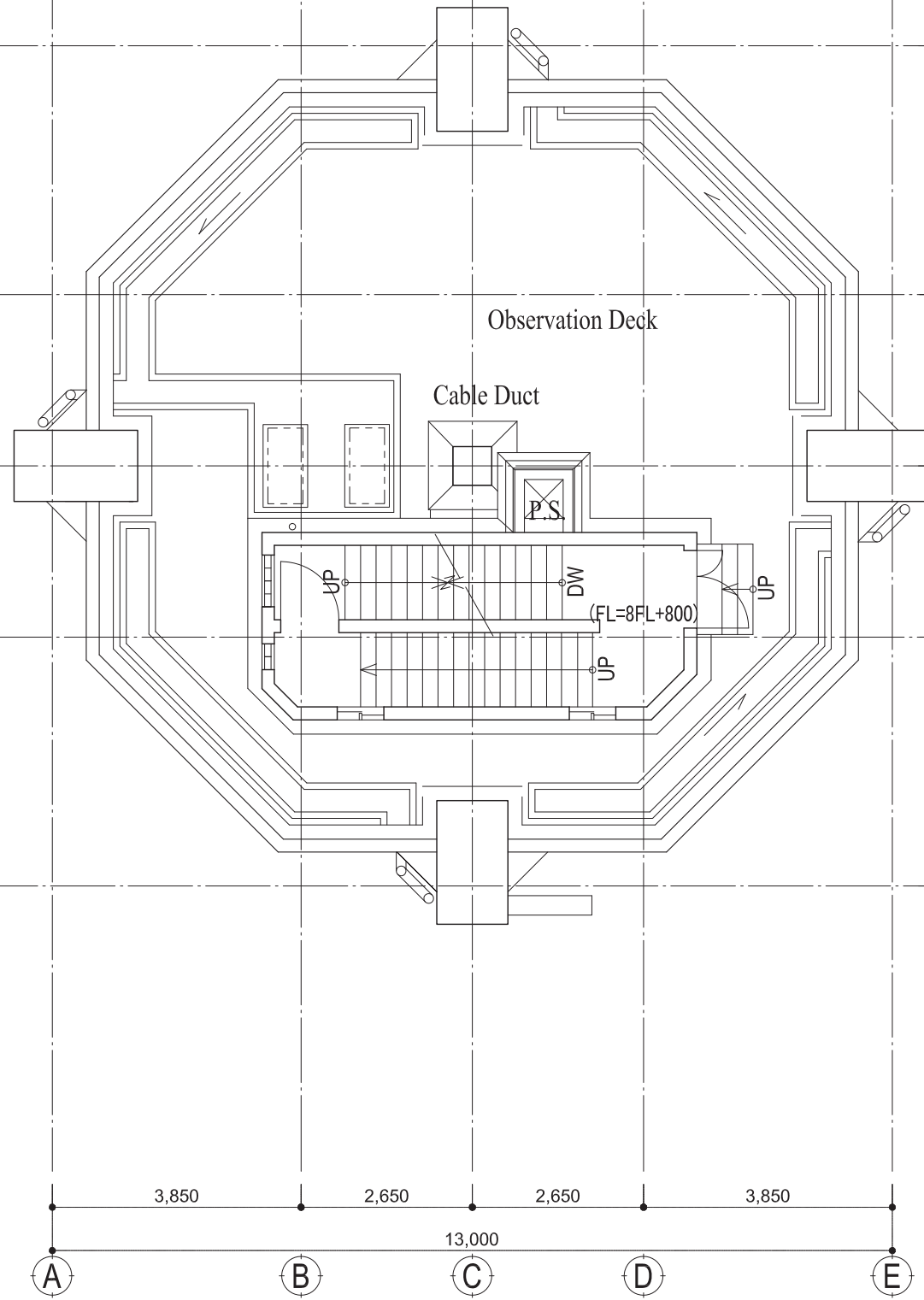
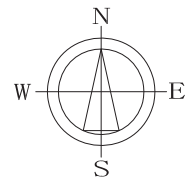


3,850 2,650 2,650 3,850
 A B C D E
 13,000

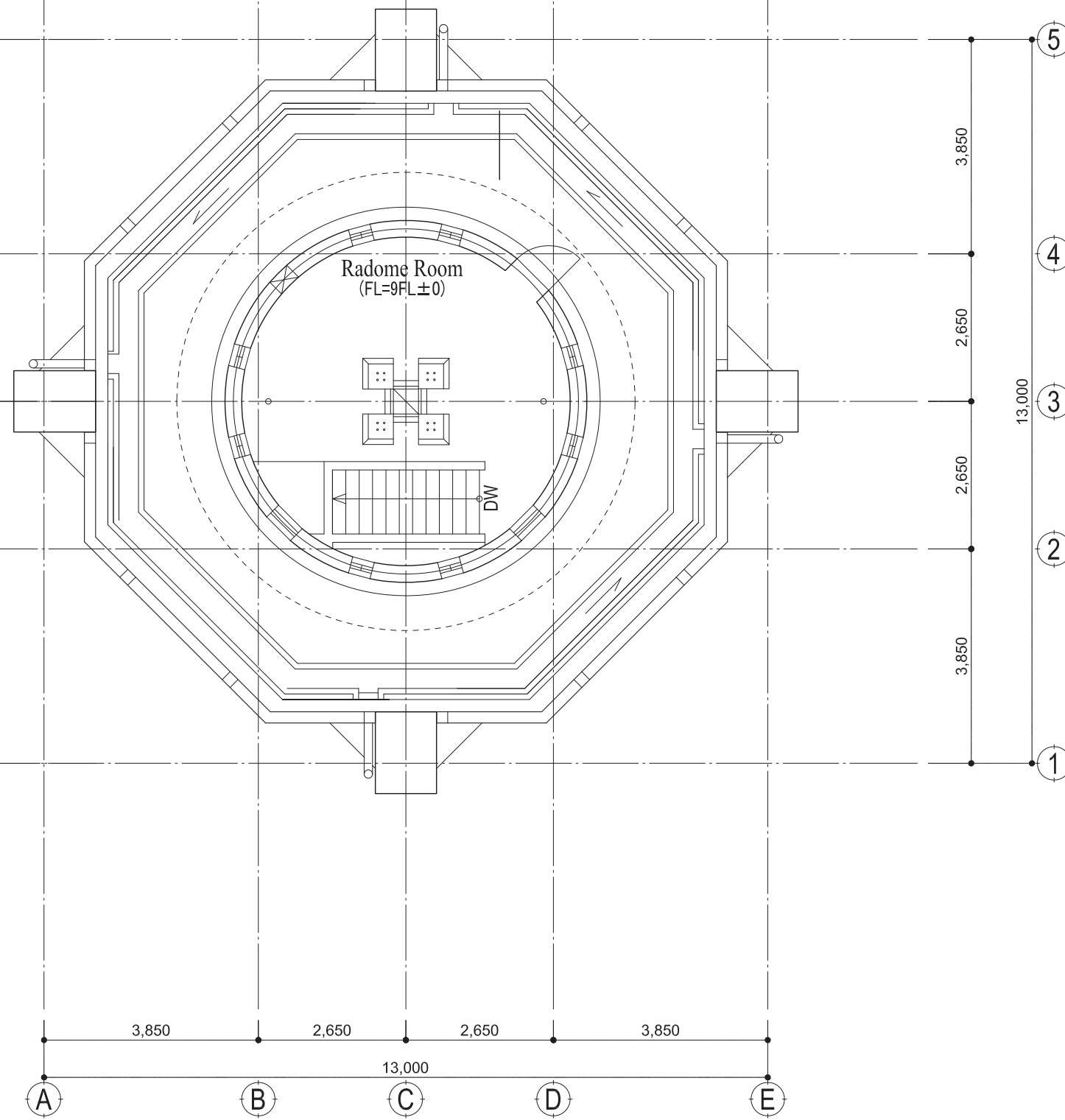
3,850
 2,650
 2,650
 3,850
 13,000
 1 2 3 4 5

5FL PLAN





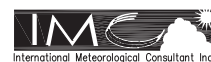
8FL PLAN



9FL PLAN



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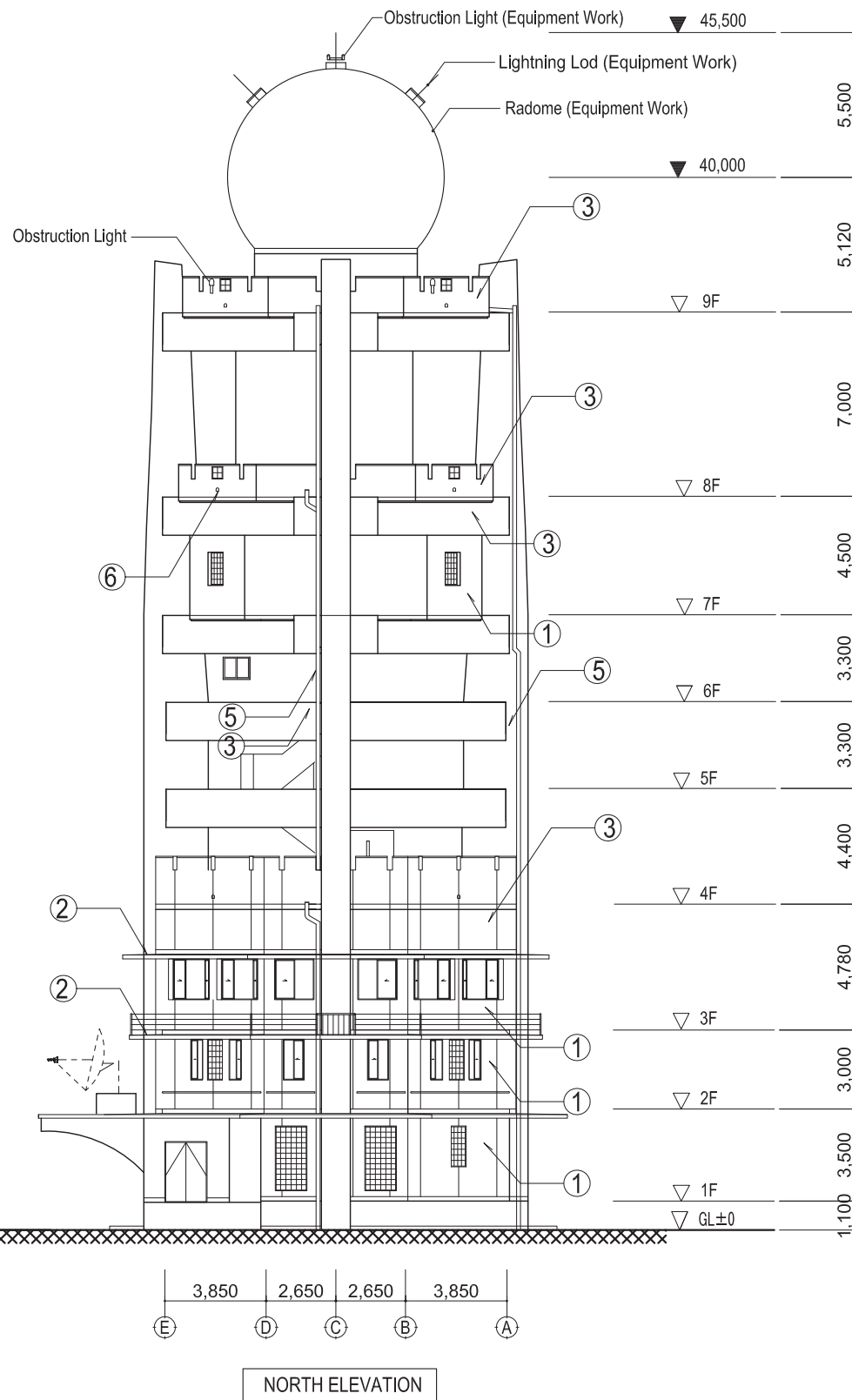
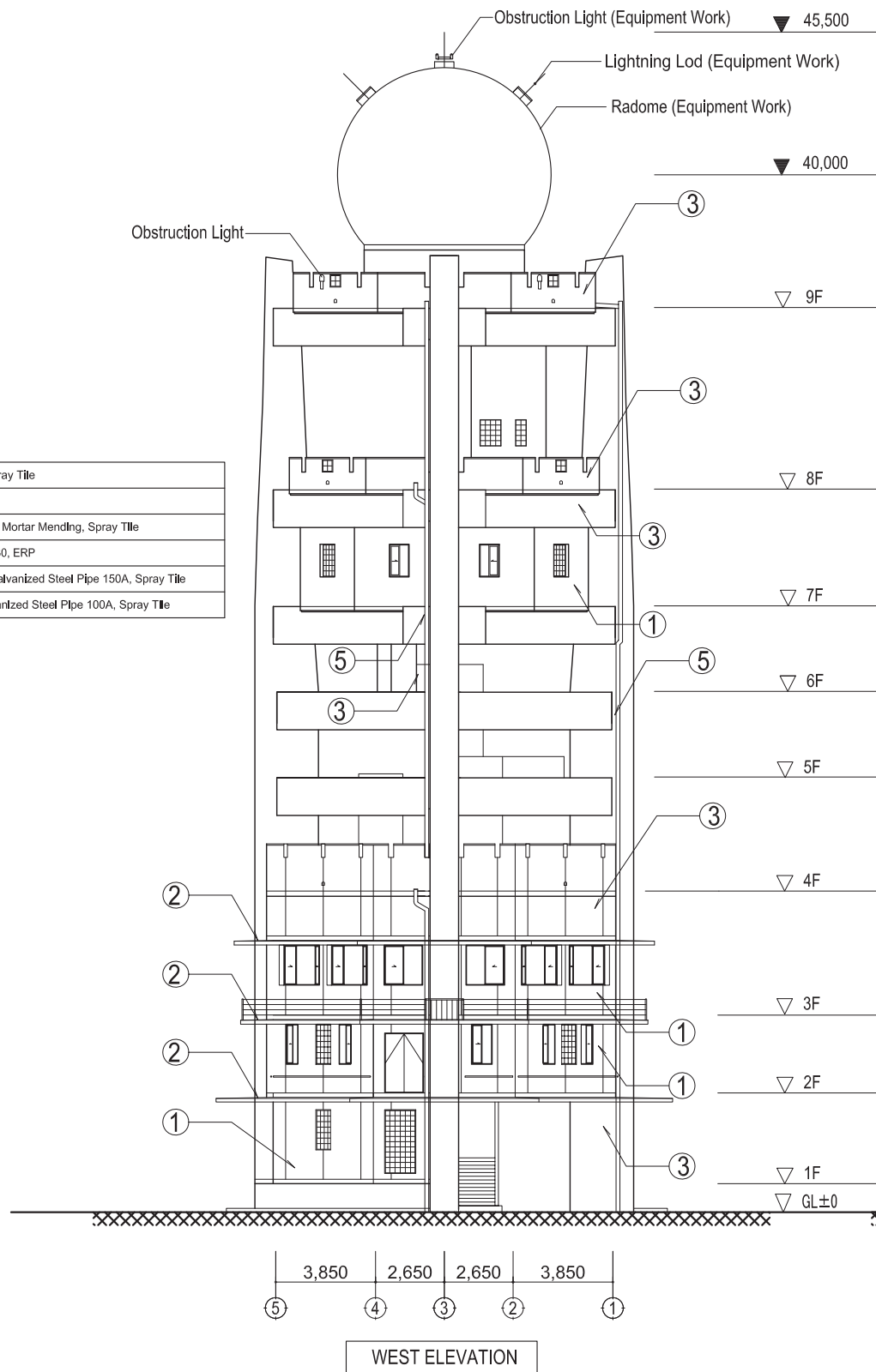
DRAWING TITLE
KYAUK PHYU METEOROLOGICAL RADAR TOWER BUILDING
FLOOR PLAN 5

SCALE
1:100

DRAWING No.
A - 06 (K)

LEGEND

| | |
|---|--|
| ① | C.S. Mortar t=25 Spray Tile |
| ② | C.S. Mortar t=25 |
| ③ | Fair-faced Concrete, Mortar Mending, Spray Tile |
| ④ | Waterproof Mortar t=30, ERP |
| ⑤ | Rain Leader Pipe: Galvanized Steel Pipe 150A, Spray Tile |
| ⑥ | Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile |



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 ESTABLISHMENT OF DISASTROUS WEATHER MONITORING SYSTEM
 IN THE REPUBLIC OF THE UNION OF MYANMAR

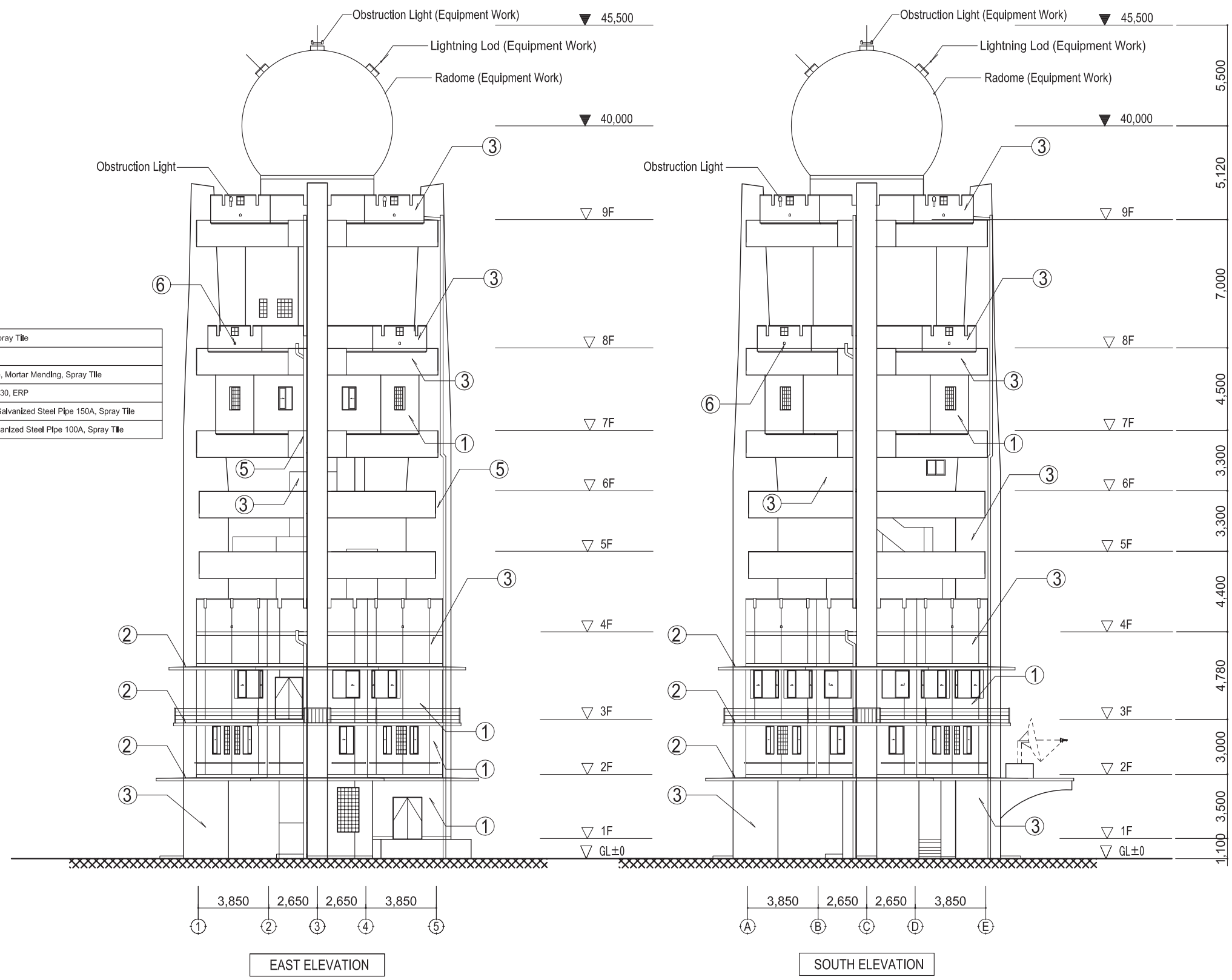
DRAWING TITLE
 KYAUK PHYU METEOROLOGICAL RADAR TOWER BUILDING
 ELEVATION 1

SCALE
 1:250

DRAWING No.
 A - 07 (K)

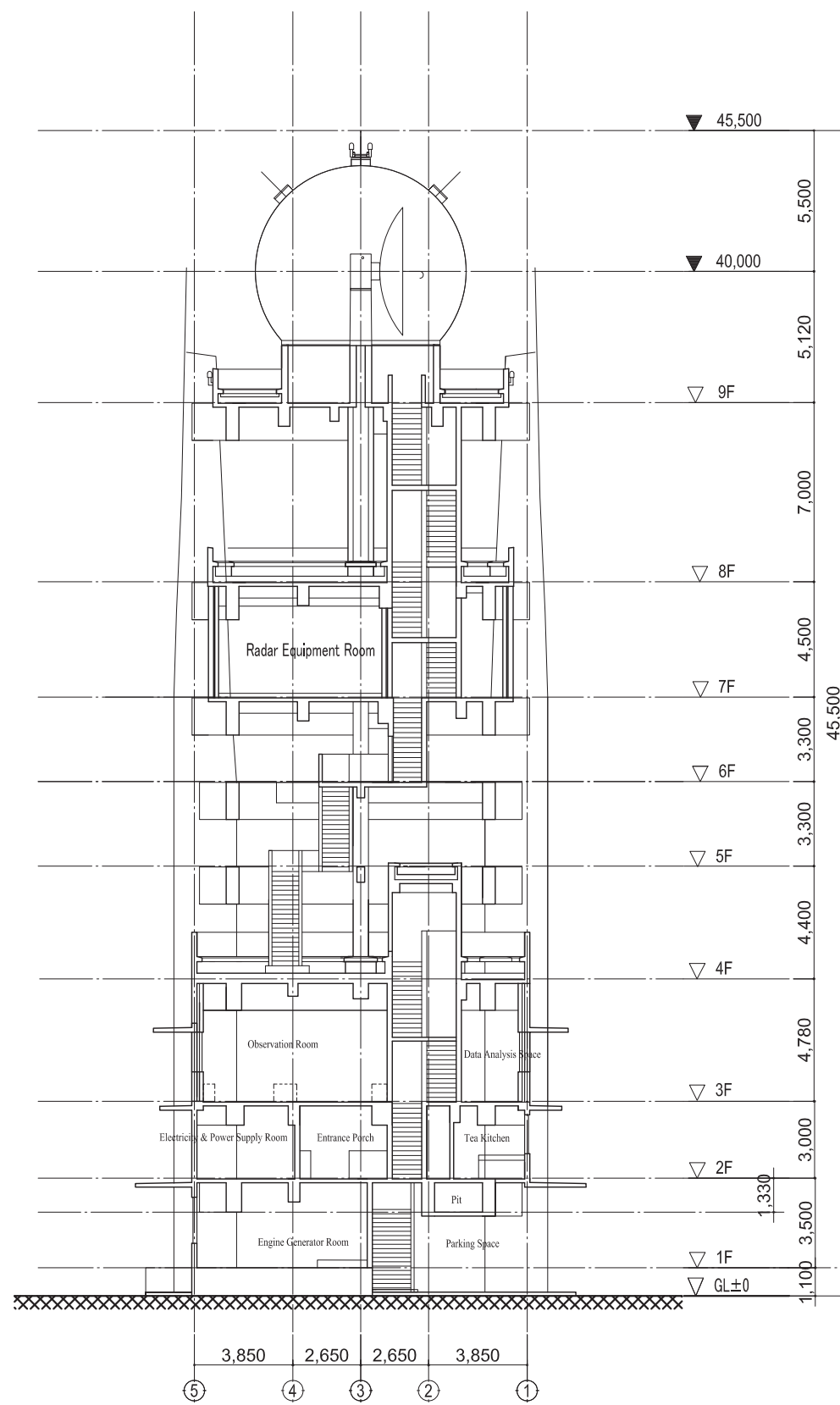
LEGEND

| | |
|---|--|
| ① | C.S. Mortar t=25 Spray Tile |
| ② | C.S. Mortar t=25 |
| ③ | Fair-faced Concrete, Mortar Mending, Spray Tile |
| ④ | Waterproof Mortar t=30, ERP |
| ⑤ | Rain Leader Pipe: Galvanized Steel Pipe 150A, Spray Tile |
| ⑥ | Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile |

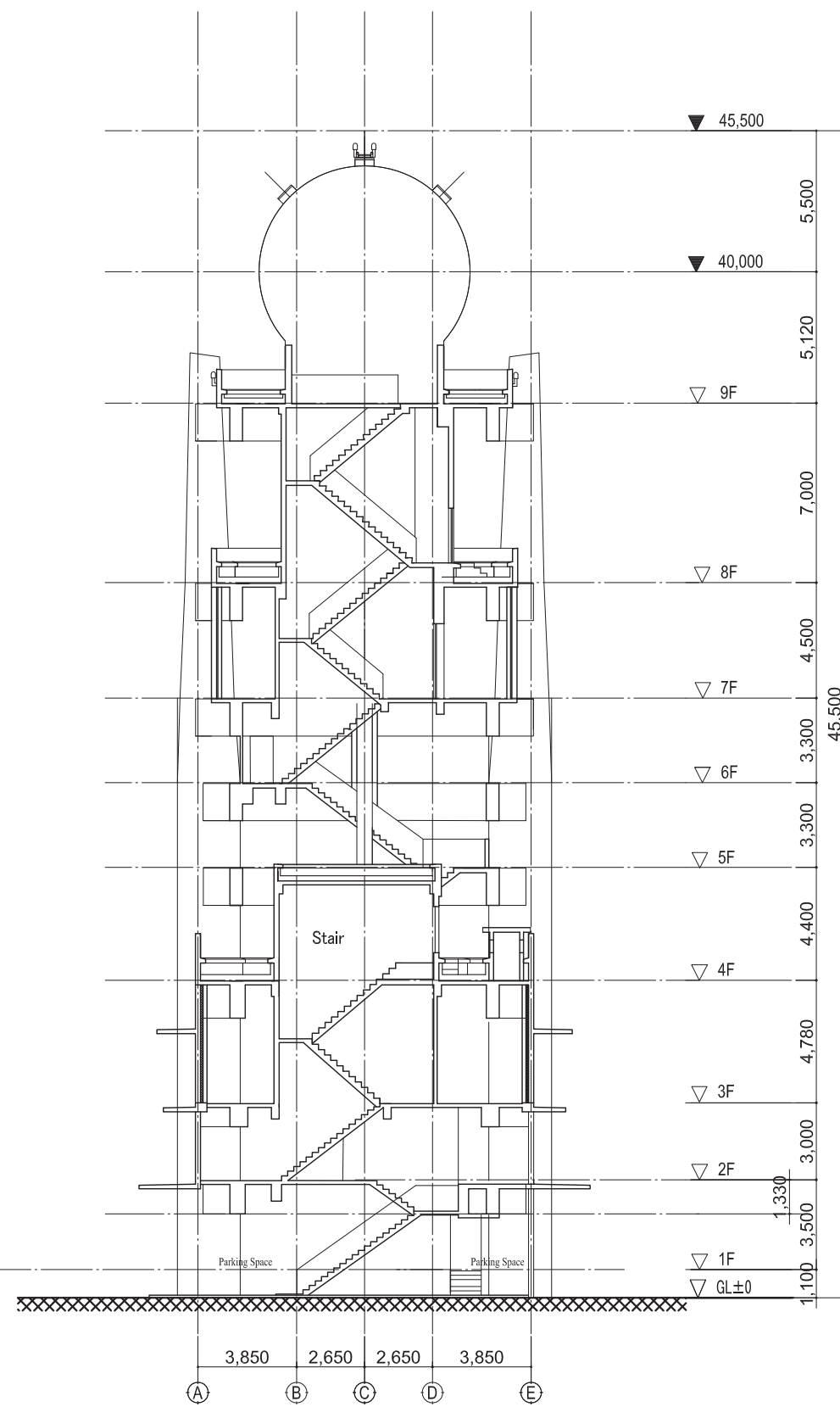


EAST ELEVATION

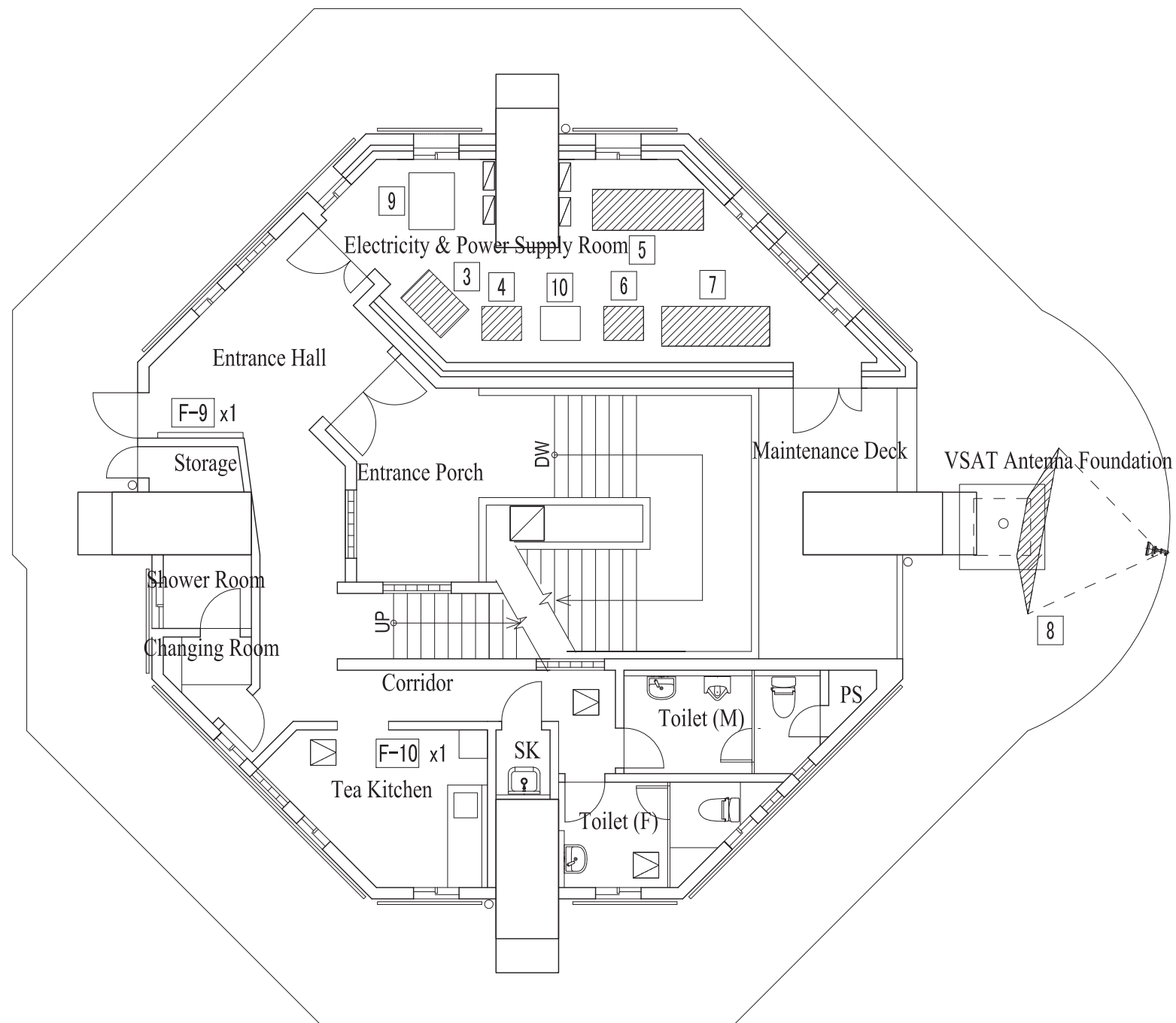
SOUTH ELEVATION



SECTION 1



SECTION 2



2FL PLAN

EQUIPMENT (EQUIPMENT WORK)

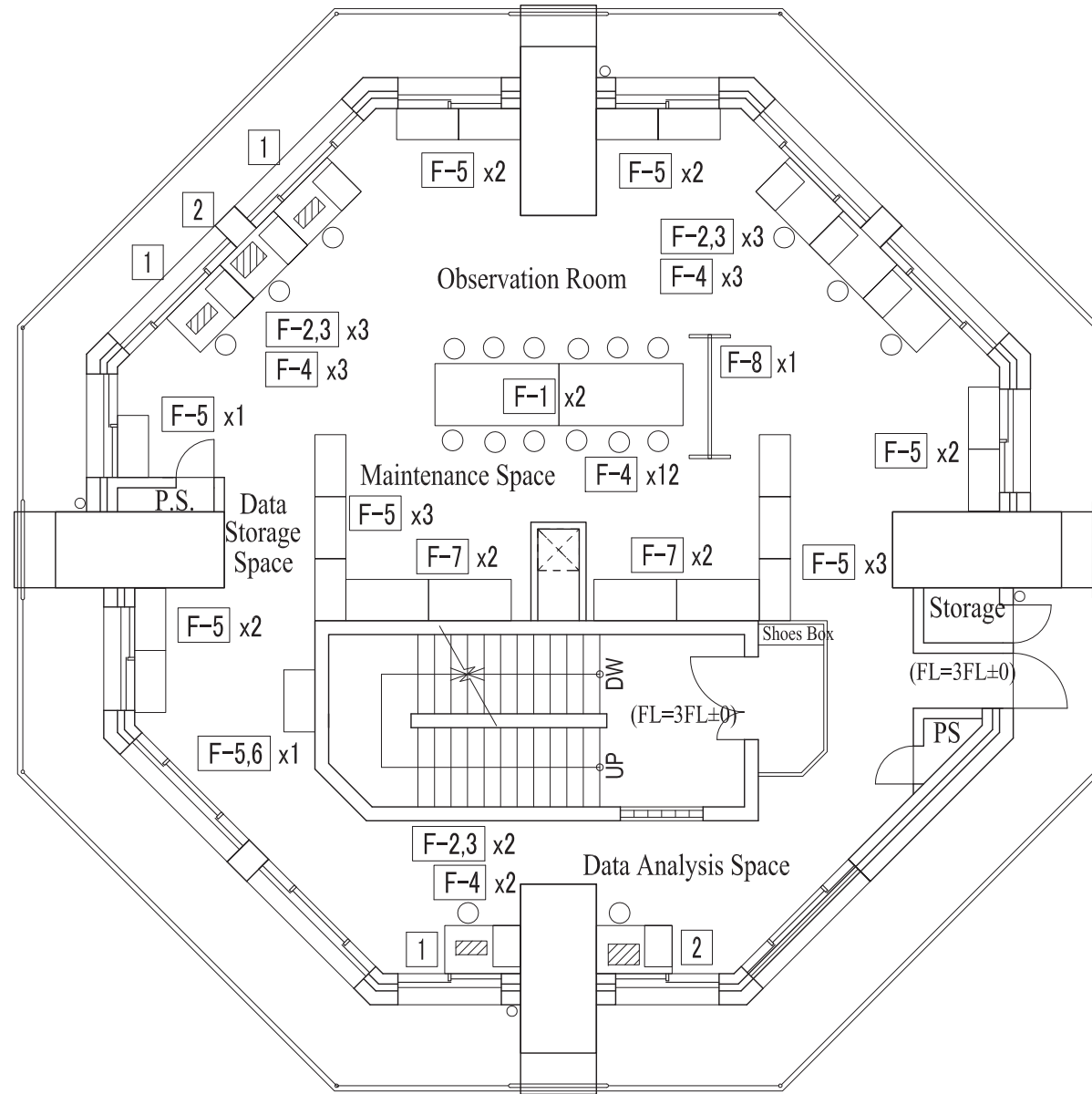
| | |
|---|--------------------------------|
| 1 | Indicator |
| 2 | Coolor Printer |
| 3 | Radar AVR |
| 4 | Isolation Transformer |
| 5 | Power Supply Capacitor |
| 6 | Emergency Power Backup Unit |
| 7 | Emergency Power Backup Battery |
| 8 | VSAT Antenna |

EQUIPMENT (CONSTRUCTION WORK)

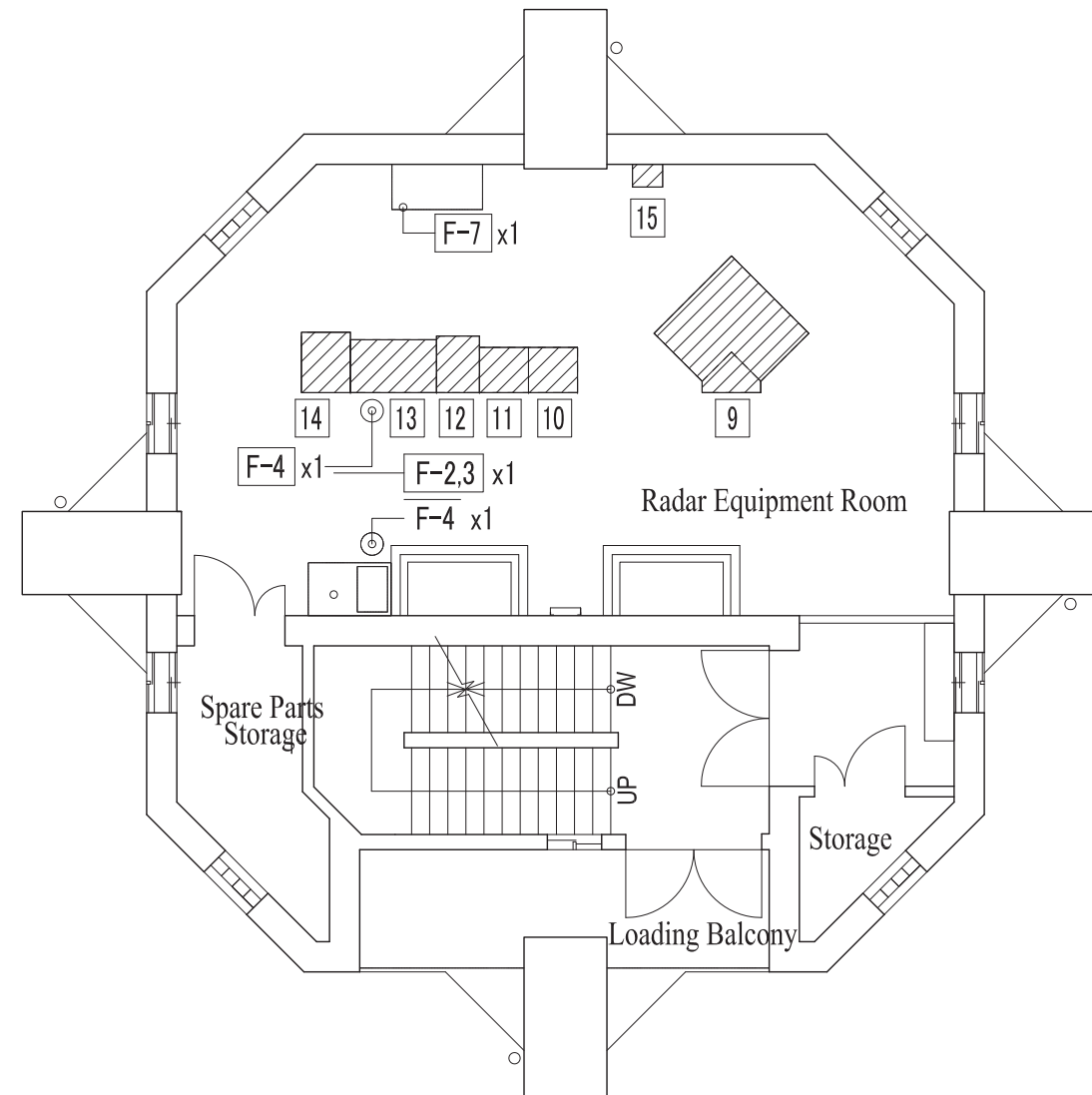
| | |
|----|-----------------------|
| 9 | AVR |
| 10 | Isolation Transformer |

FURNITURE (CONSTRUCTION WORK)

| | |
|------|------------------------|
| F-9 | Pin Board: W1,800xH900 |
| F-10 | Water Dispenser |



3FL PLAN



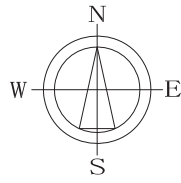
7FL PLAN

EQUIPMENT (EQUIPMENT WORK)

| | |
|----|---------------------------------|
| 1 | Indicator |
| 2 | Coolor Printer |
| 3 | Radar AVR |
| 4 | Isolation Transformer |
| 5 | Power Supply Capacitor |
| 6 | Emergency Power Backup Unit |
| 7 | Emergency Power Backup Battery |
| 8 | VSAT Antenna |
| 9 | Transmitter |
| 10 | Antenna Controller & Dehydrator |
| 11 | DRSP |
| 12 | Data & Protocol Converter |
| 13 | Radar TASK Controller |
| 14 | VSAT In-Door Unit (IDU) |
| 15 | Radar Power Maintenance Panel |

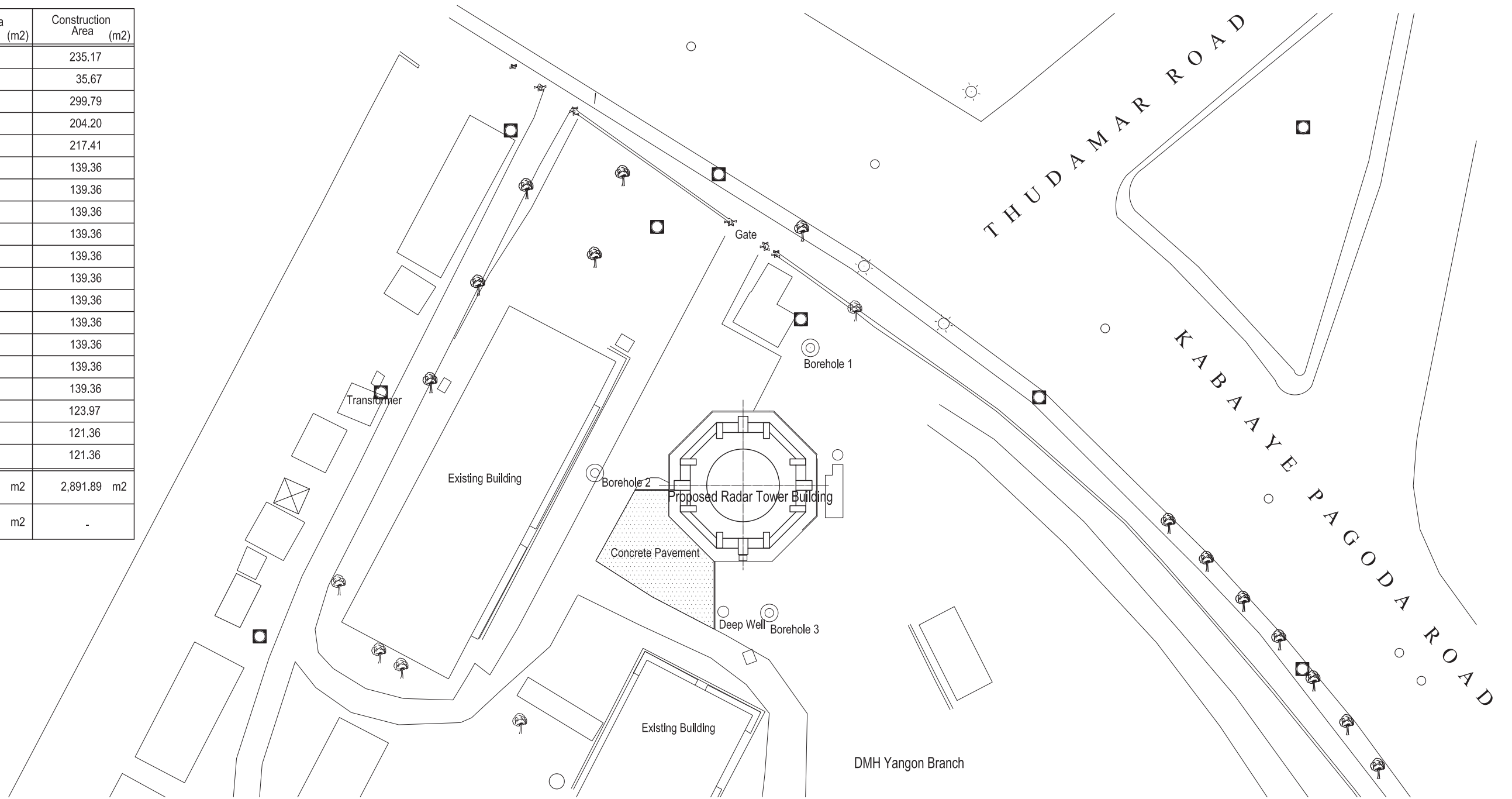
FURNITURE (CONSTRUCTION WORK)

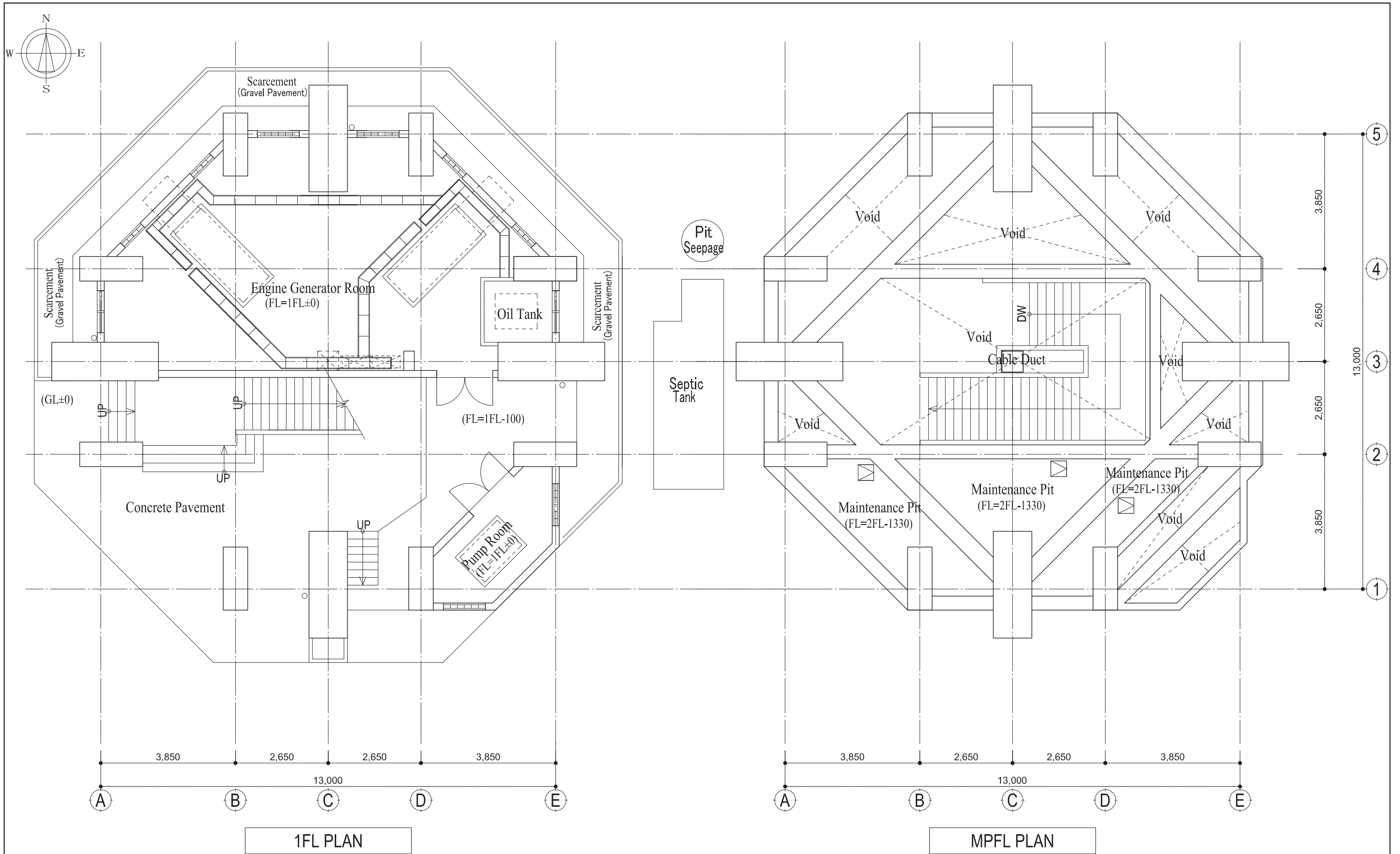
| | |
|-----|--------------------------------------|
| F-1 | Meeting Table (W900xL1,800) |
| F-2 | Pedestal-free Desk (W1,100xD700) |
| F-3 | Drawer Unit with Casters |
| F-4 | Chair |
| F-5 | Lateral Filling Cabinet H1,100 |
| F-6 | Cabinet (Double Hinged Doors) H1,000 |
| F-7 | Shelves (Double Hinged Doors) H2,100 |
| F-8 | White Board: W1,800xH900 |

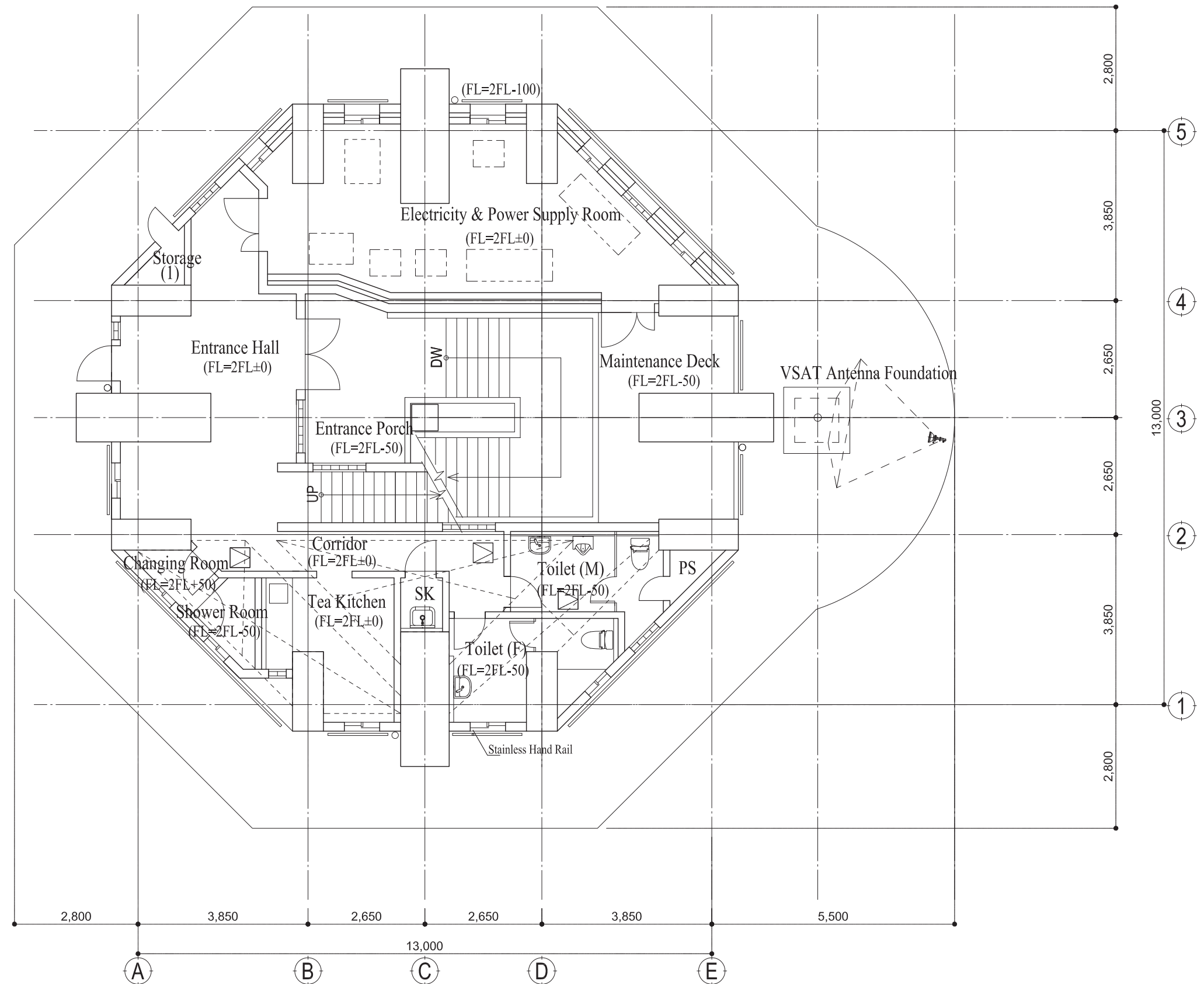
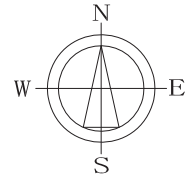


Area Calculations

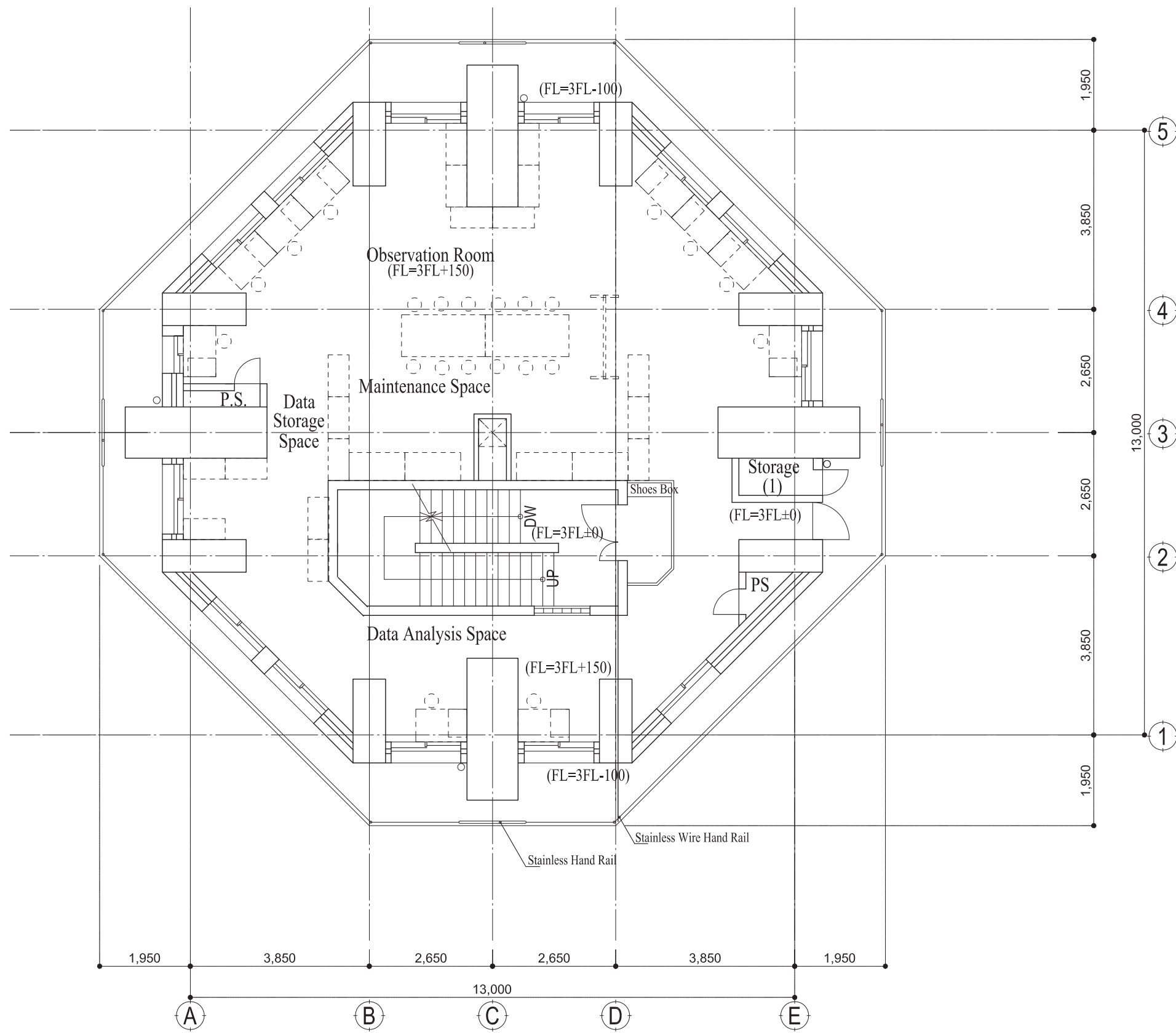
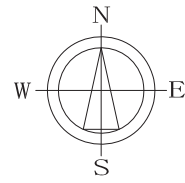
| Floor | Floor Area (m ²) | Construction Area (m ²) |
|-------------------------------|------------------------------|-------------------------------------|
| 1FL | 84.34 | 235.17 |
| MPFL | - | 35.67 |
| 2FL | 114.09 | 299.79 |
| 3FL | 163.33 | 204.20 |
| 4FL | 16.60 | 217.41 |
| 5FL | - | 139.36 |
| 6FL | - | 139.36 |
| 7FL | - | 139.36 |
| 8FL | - | 139.36 |
| 9FL | - | 139.36 |
| 10FL | - | 139.36 |
| 11FL | - | 139.36 |
| 12FL | - | 139.36 |
| 13FL | - | 139.36 |
| 14FL | - | 139.36 |
| 15FL | - | 139.36 |
| 16FL | 111.03 | 123.97 |
| 17FL | 17.29 | 121.36 |
| 18FL | 30.19 | 121.36 |
| Total | 536.87 m² | 2,891.89 m² |
| Building Coverage Area | 163.33 m² | - |



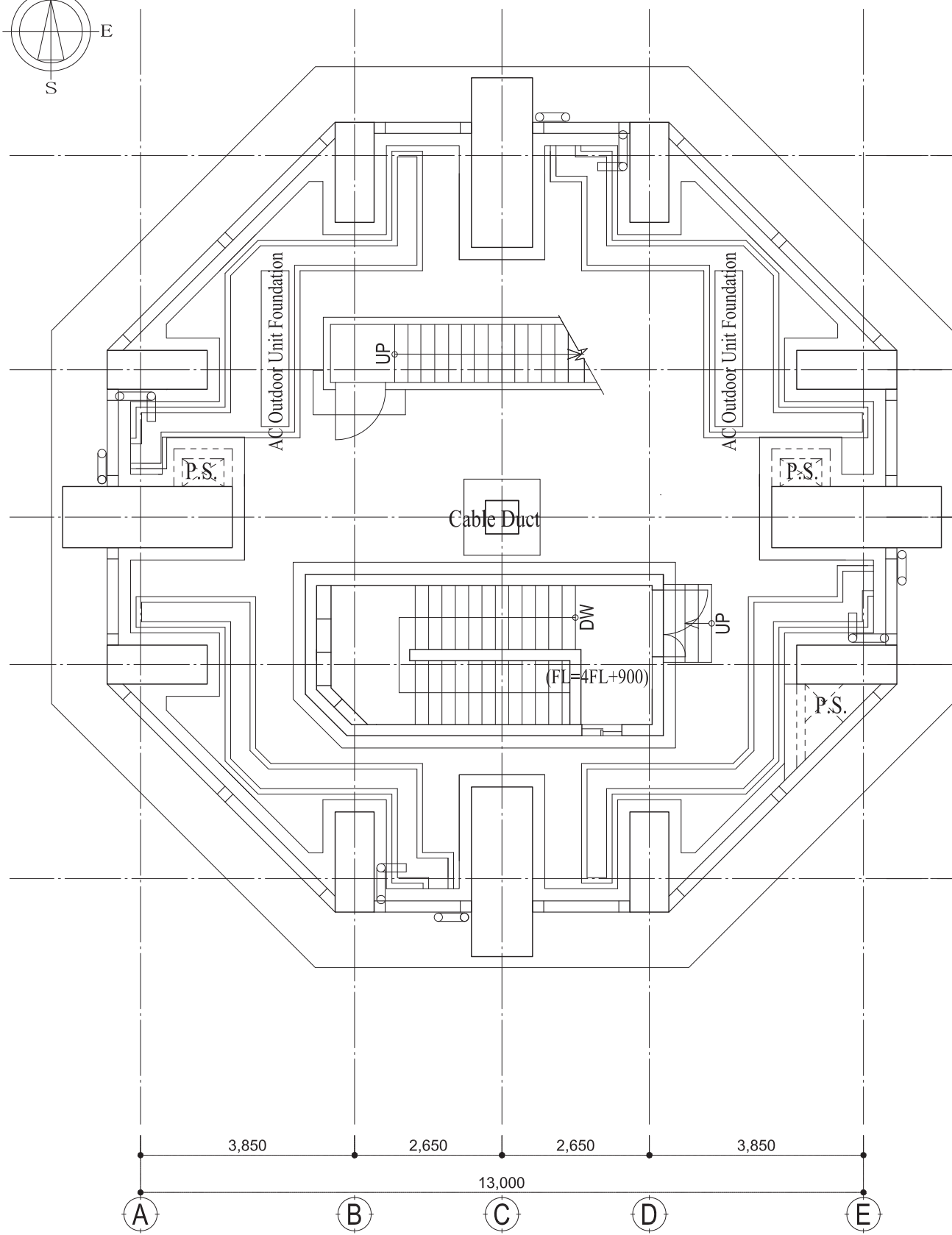
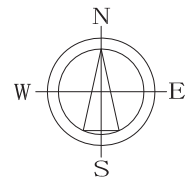




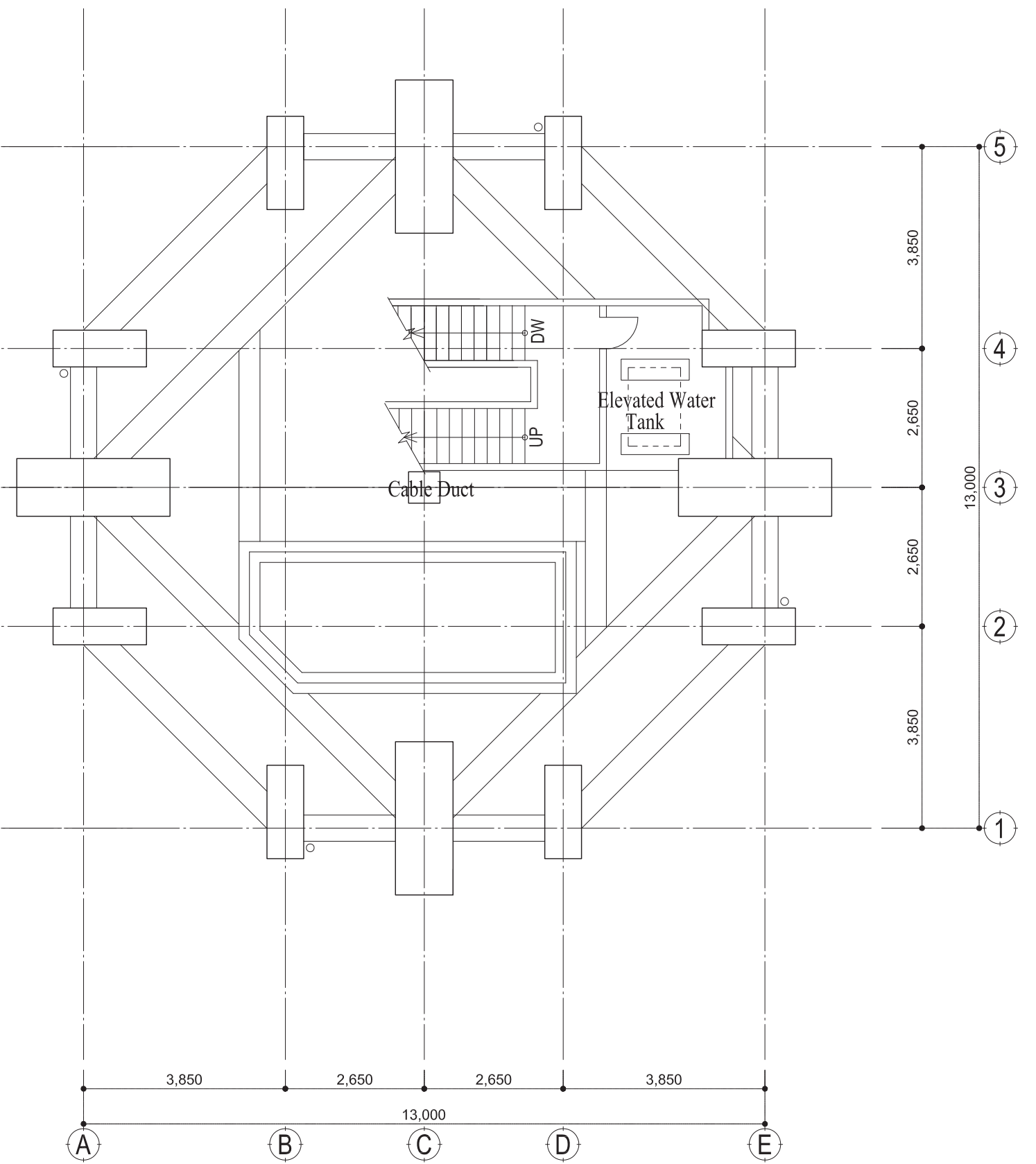
2FL PLAN



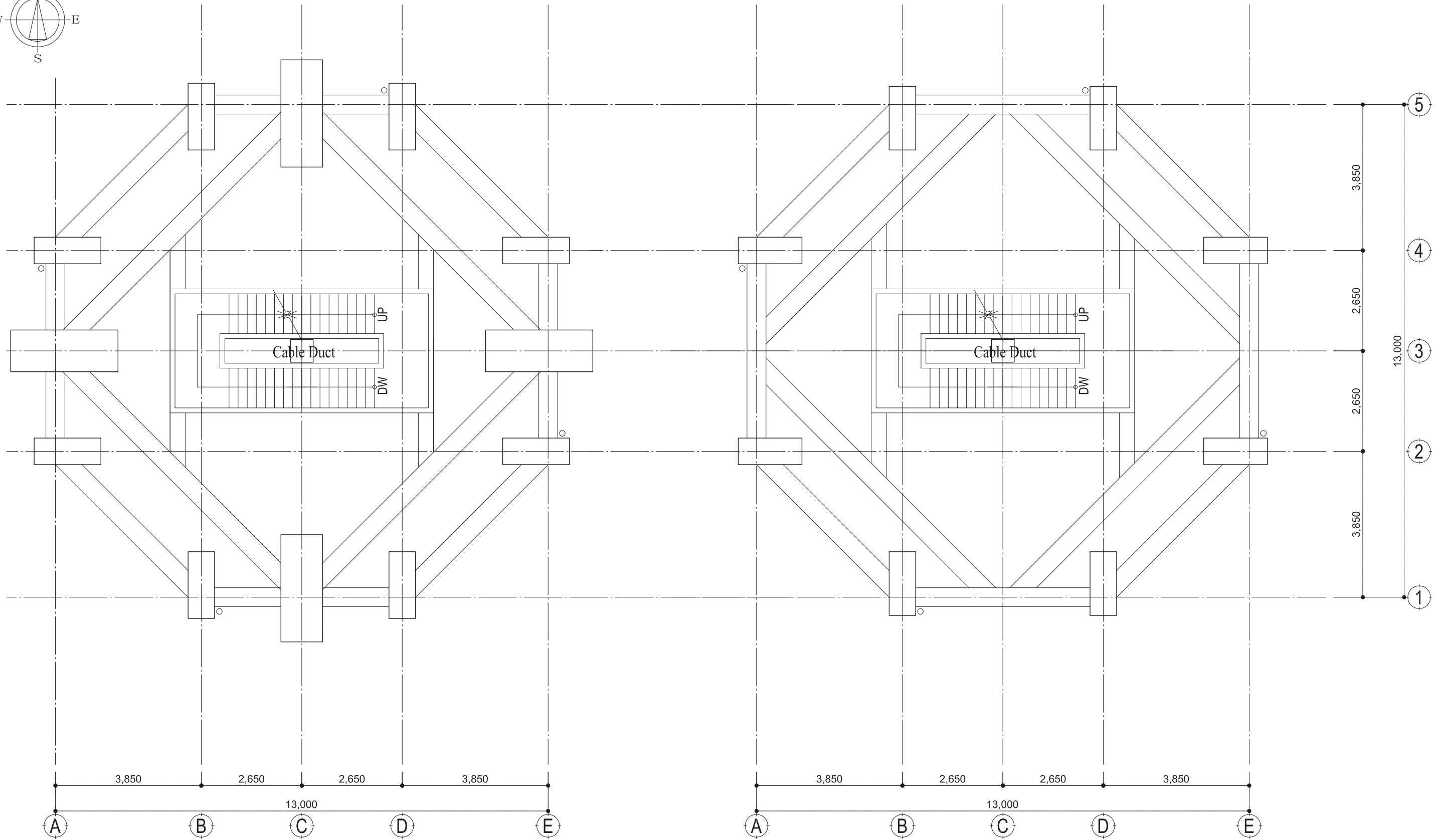
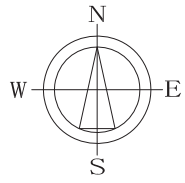
3FL PLAN



4FL PLAN

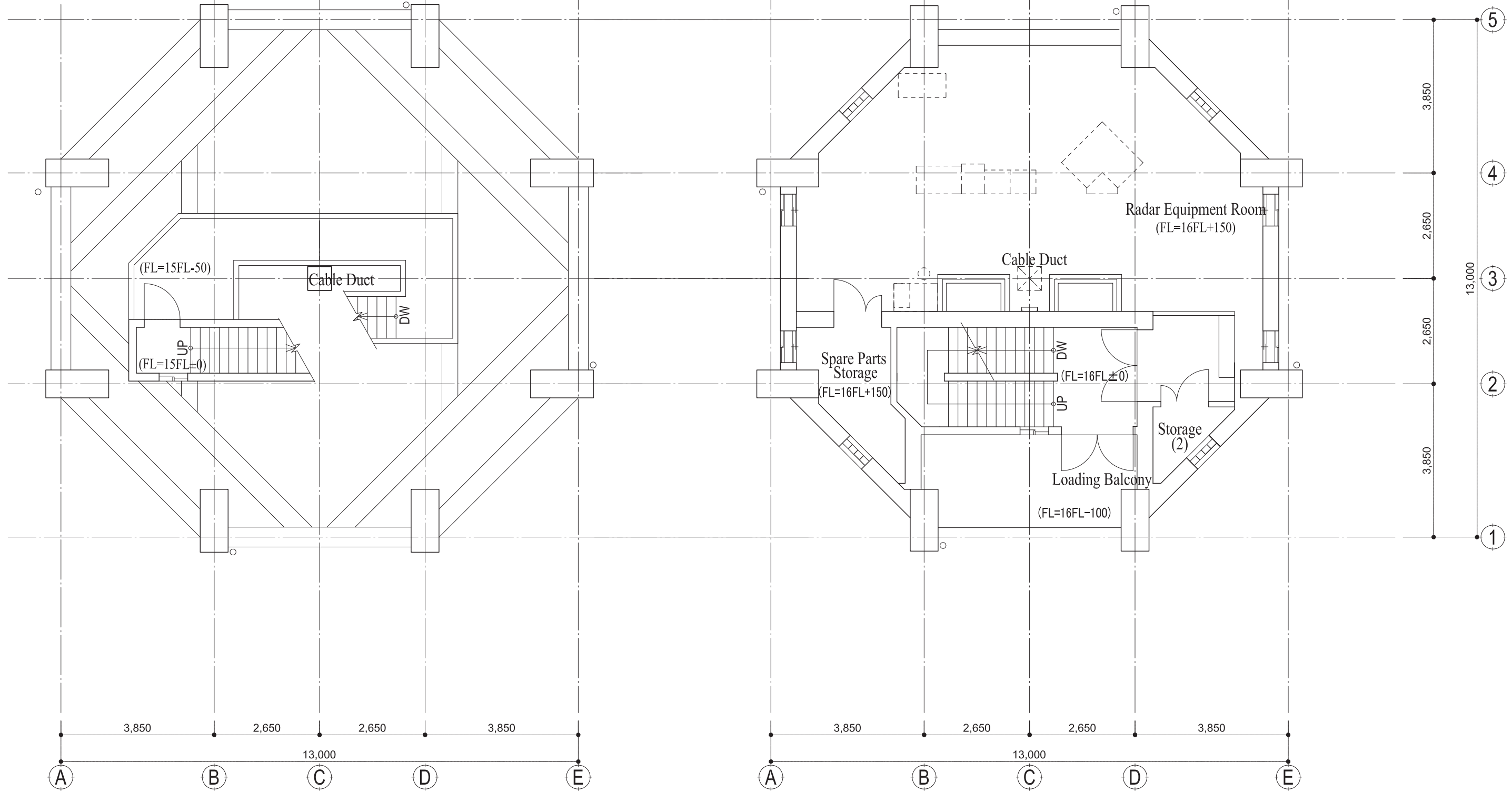
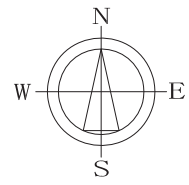


5FL PLAN



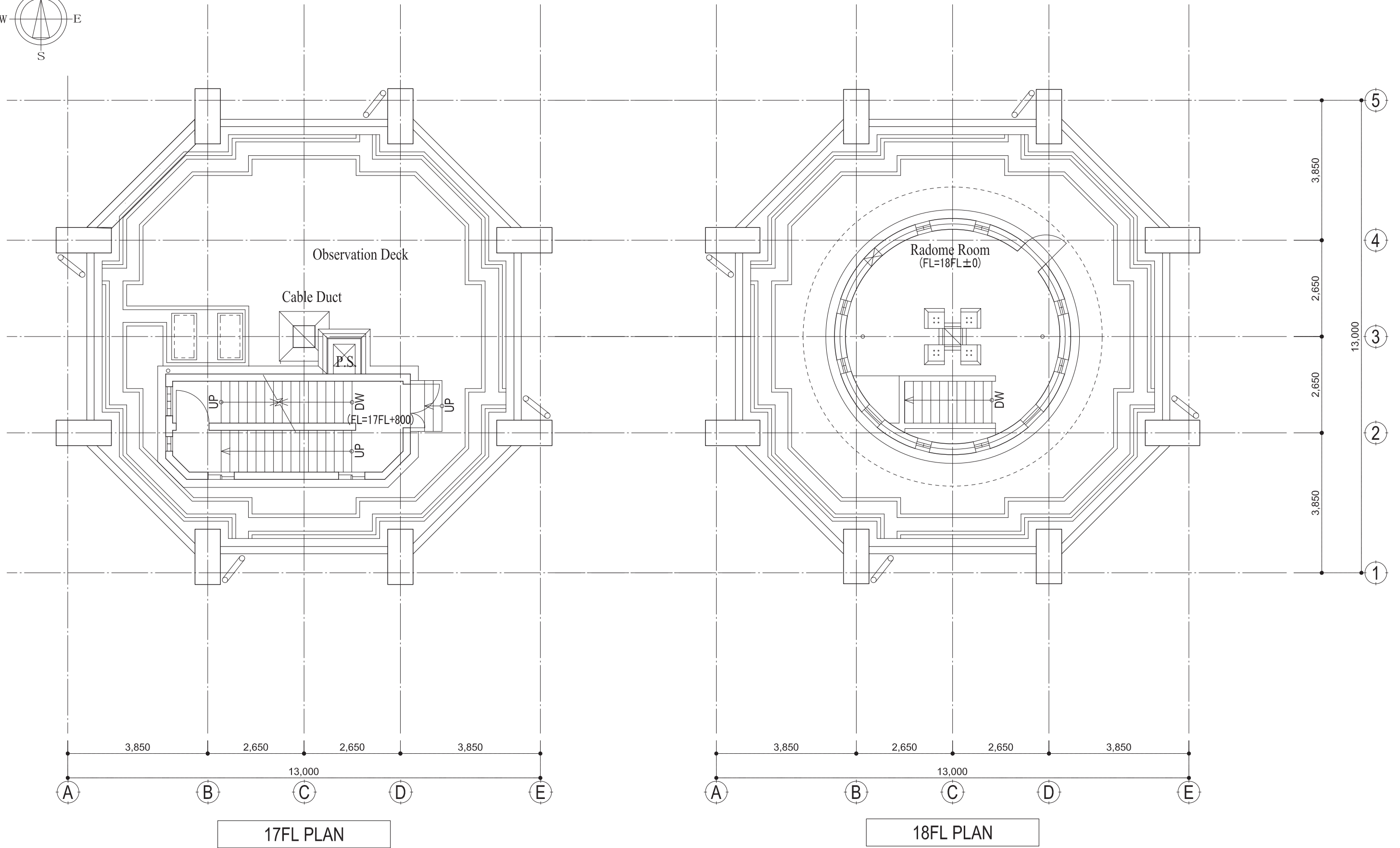
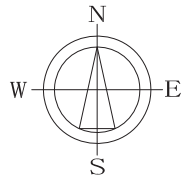
6, 7, 8, 9, 10FL PLAN

11, 12, 13, 14FL PLAN



15FL PLAN

16FL PLAN

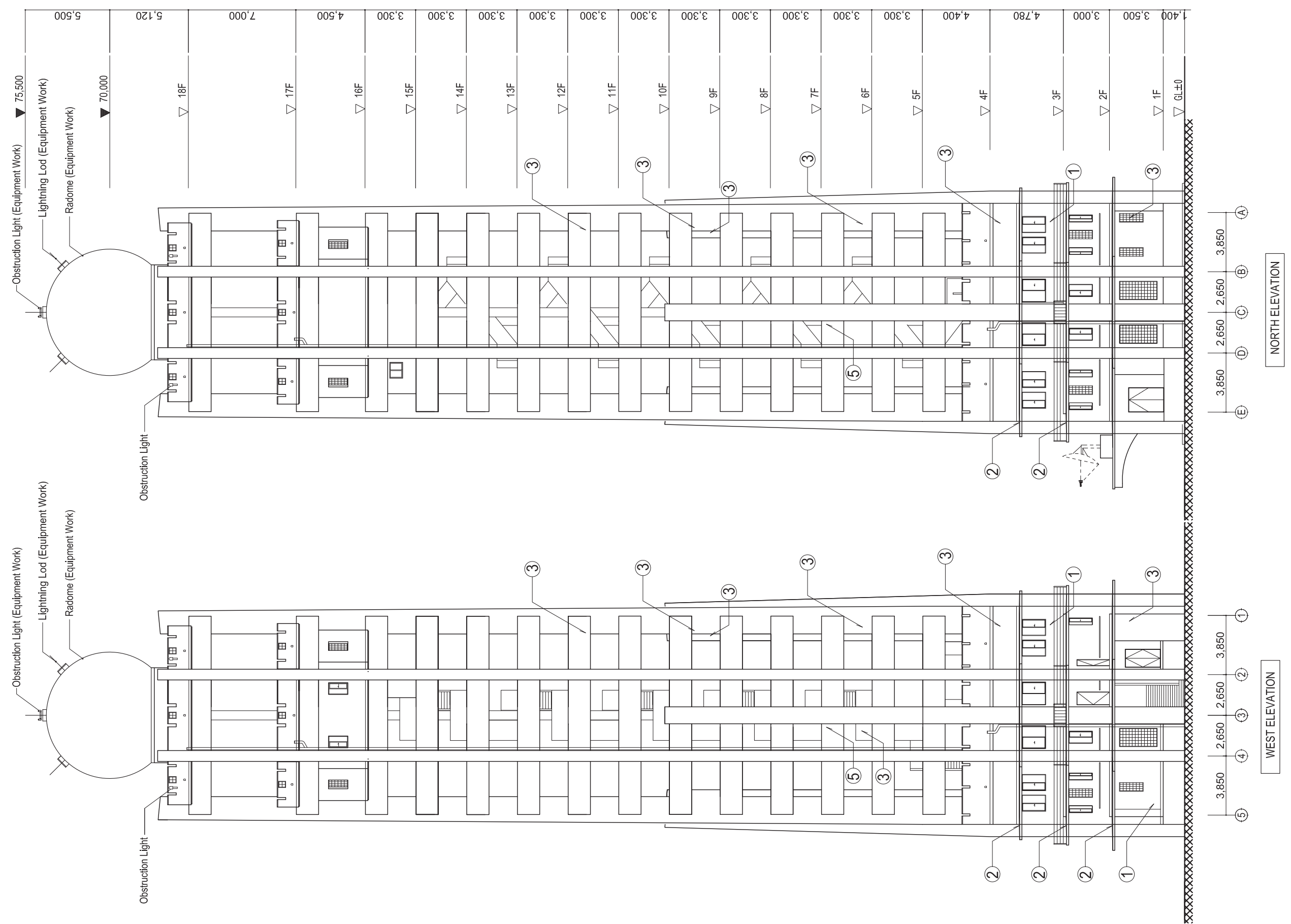


17FL PLAN

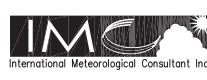
18FL PLAN

LEGEND

| | |
|---|--|
| ① | C.S. Mortar 1:2.5 Spray Tile |
| ② | C.S. Mortar 1:2.5 |
| ③ | Fair-faced Concrete, Mortar Mending, Spray Tile |
| ④ | Waterproof Mortar 1:3.0, ERP |
| ⑤ | Railn Leader Pipes: Galvanized Steel Pipe 150A, Spray Tile |
| ⑥ | Overflow Pipes: Galvanized Steel Pipe 100A, Spray Tile |



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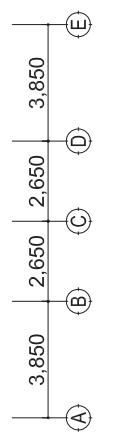
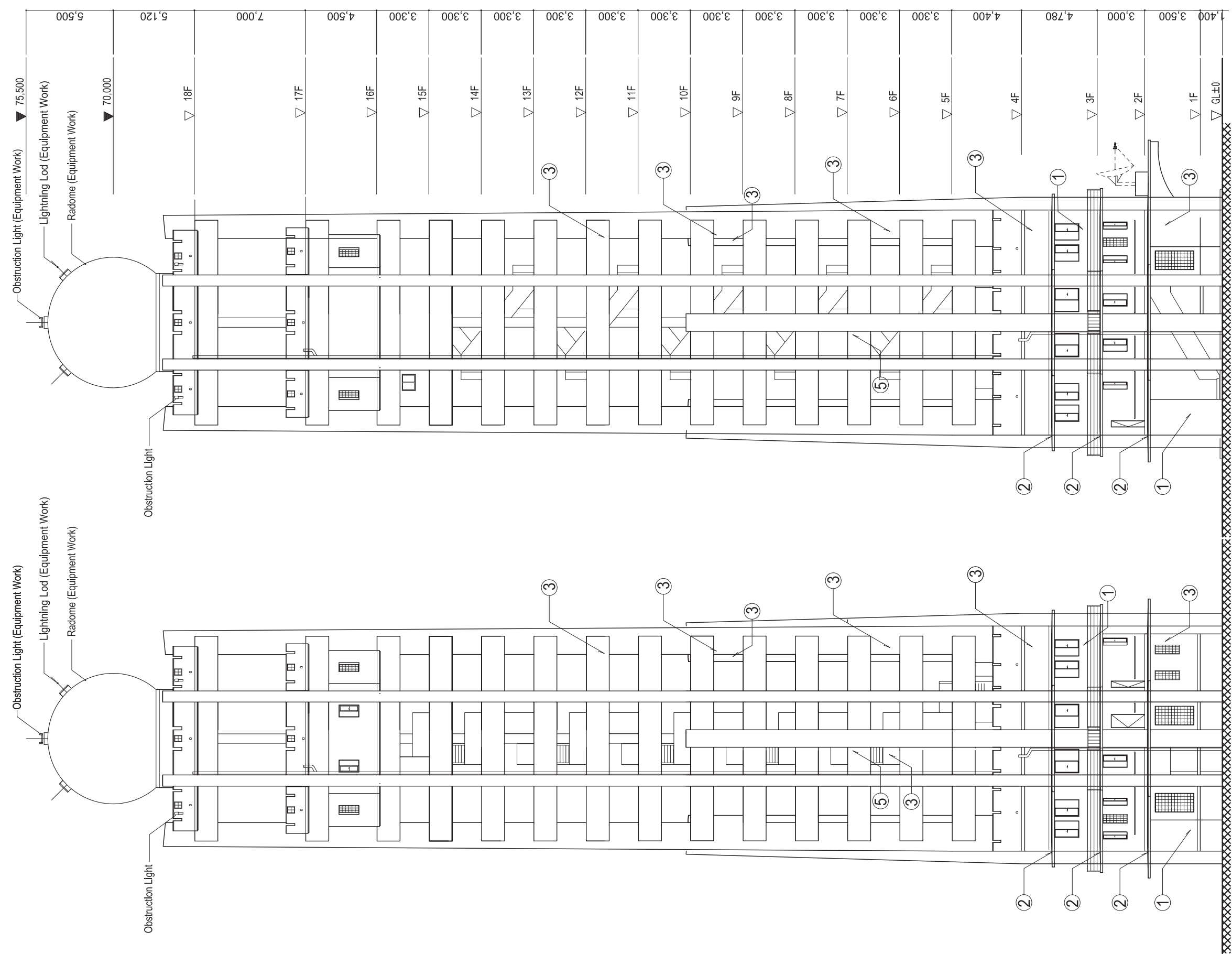
DRAWING TITLE
YANGON METEOROLOGICAL RADAR TOWER BUILDING
ELEVATION 1

SCALE
1:250

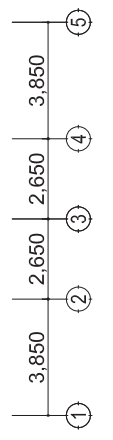
DRAWING No.
A - 09 (Y)

LEGEND

| | |
|---|--|
| ① | C.S. Mortar 1:2.5 Spray Tile |
| ② | C.S. Mortar 1:2.5 |
| ③ | Fair-faced Concrete, Mortar Mending, Spray Tile |
| ④ | Waterproof Mortar 1:3.0, ERP |
| ⑤ | Raili Leader Pipes: Galvanized Steel Pipe 150A, Spray Tile |
| ⑥ | Overflow Pipes: Galvanized Steel Pipe 100A, Spray Tile |



SOUTH ELEVATION



EAST ELEVATION

Obstruction Light (Equipment Work) 75,500

Lightning Lod (Equipment Work) 70,000

Radome (Equipment Work)

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

Obstruction Light

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Obstruction Light

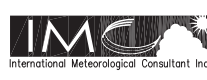
Obstruction Light

Obstruction Light

Obstruction Light



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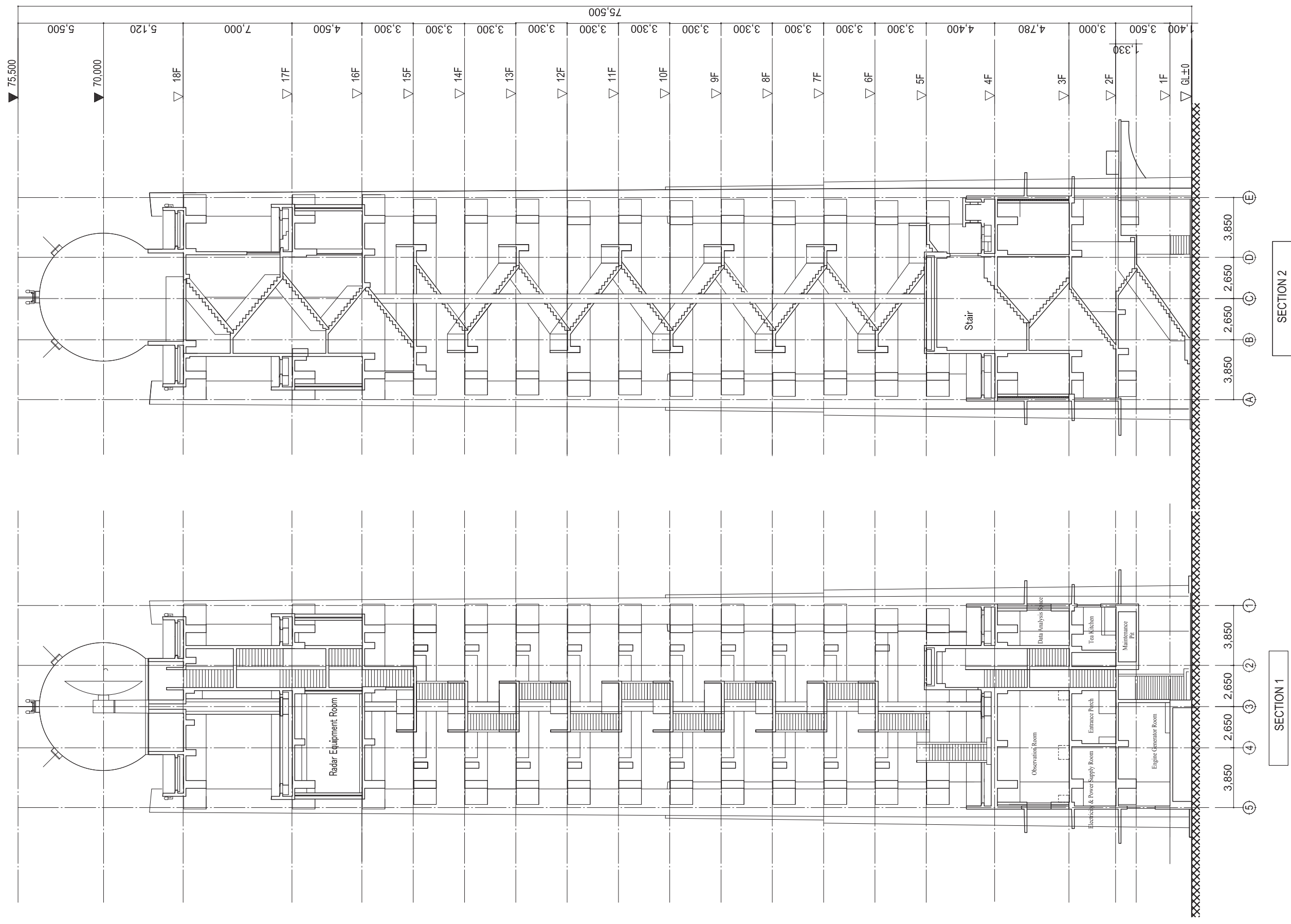


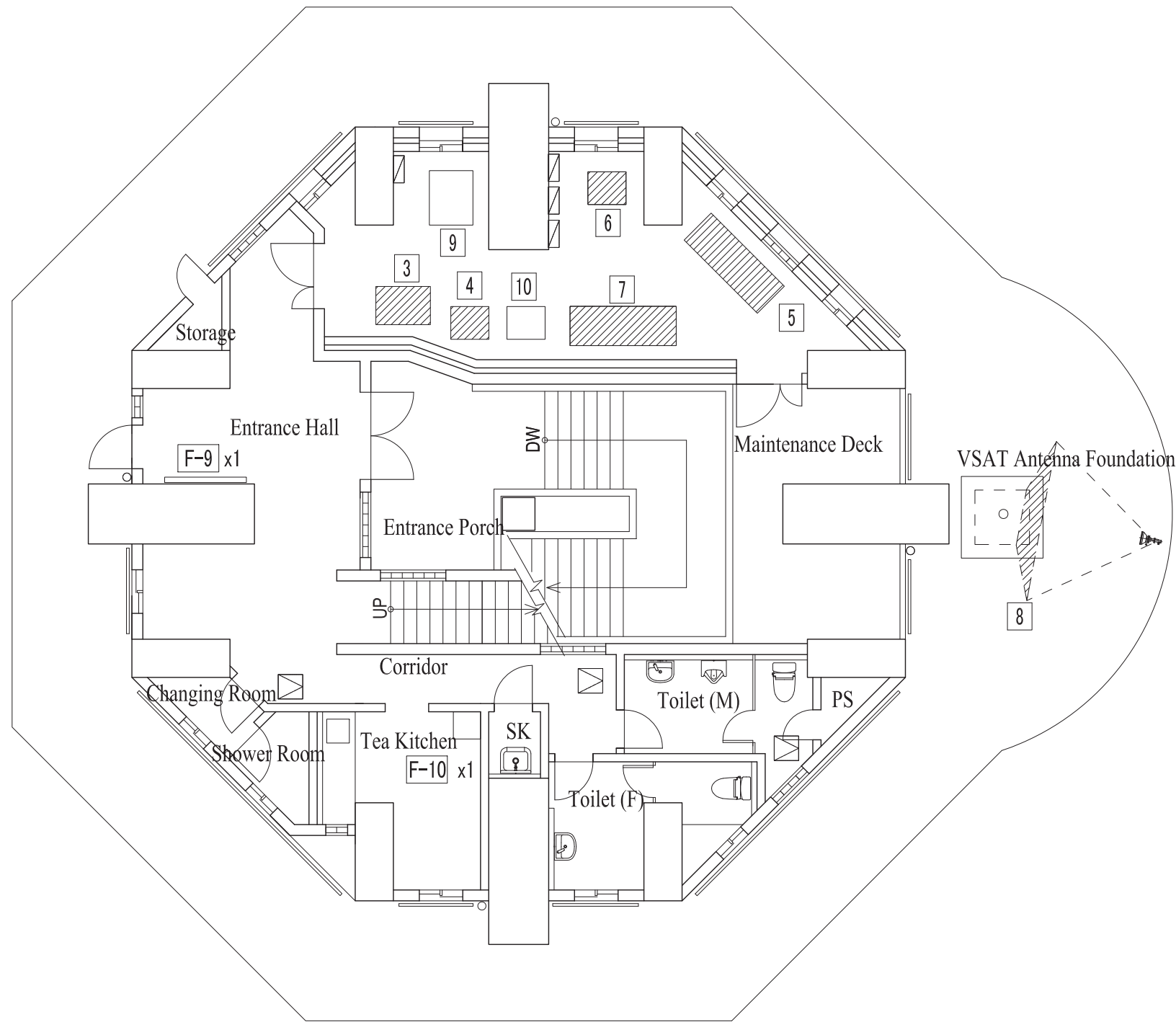
THE PROJECT FOR
ESTABLISHMENT OF DISASTROUS WEATHER MONITORING SYSTEM
IN THE REPUBLIC OF THE UNION OF MYANMAR

DRAWING TITLE
YANGON METEOROLOGICAL RADAR TOWER BUILDING
ELEVATION 2

SCALE
1:250

DRAWING No.
A - 10 (Y)





2FL PLAN

EQUIPMENT (EQUIPMENT WORK)

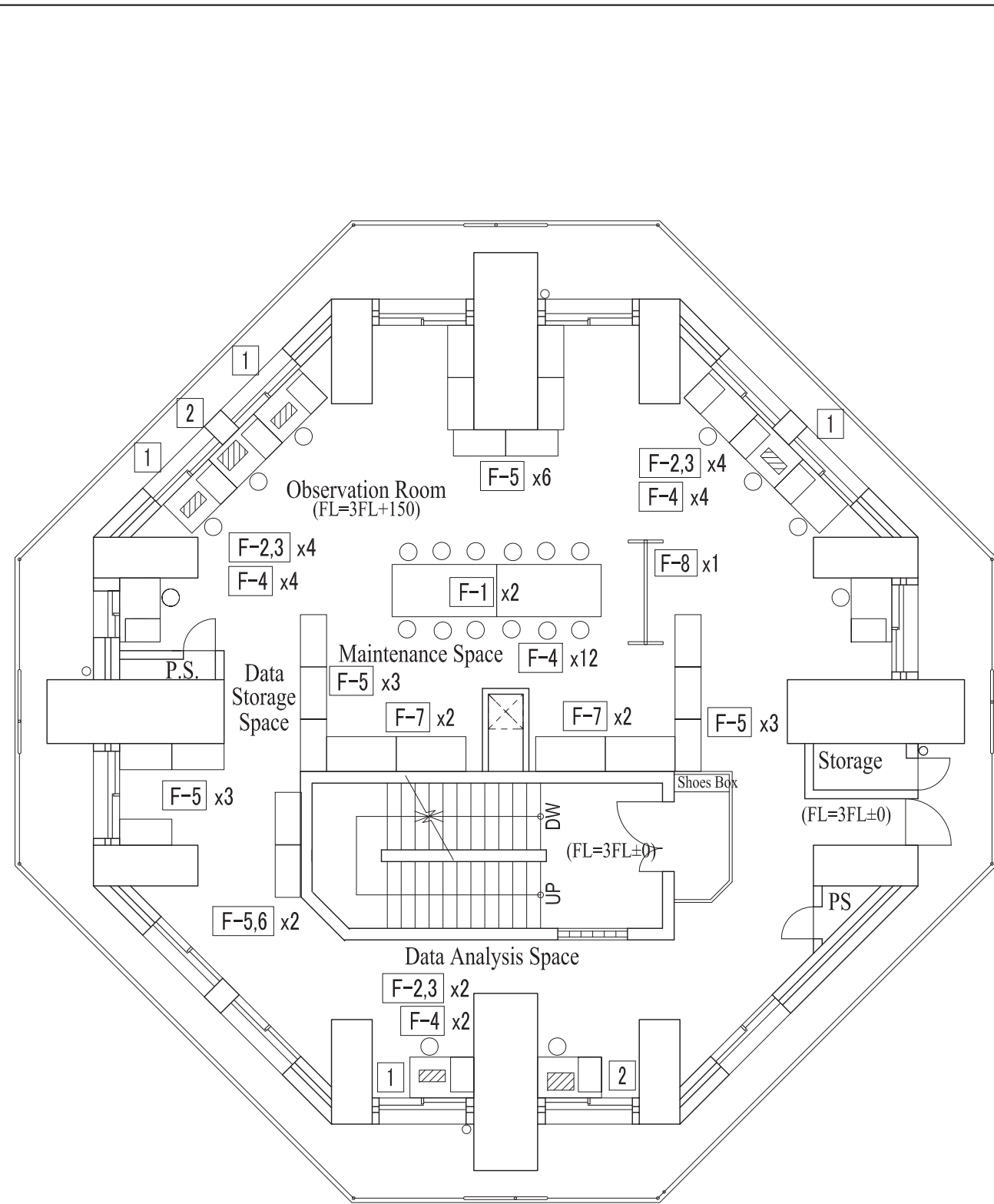
| | |
|---|--------------------------------|
| 1 | Indicator |
| 2 | Cooler Printer |
| 3 | Radar AVR |
| 4 | Isolation Transformer |
| 5 | Power Supply Capacitor |
| 6 | Emergency Power Backup Unit |
| 7 | Emergency Power Backup Battery |
| 8 | VSAT Antenna |

EQUIPMENT (CONSTRUCTION WORK)

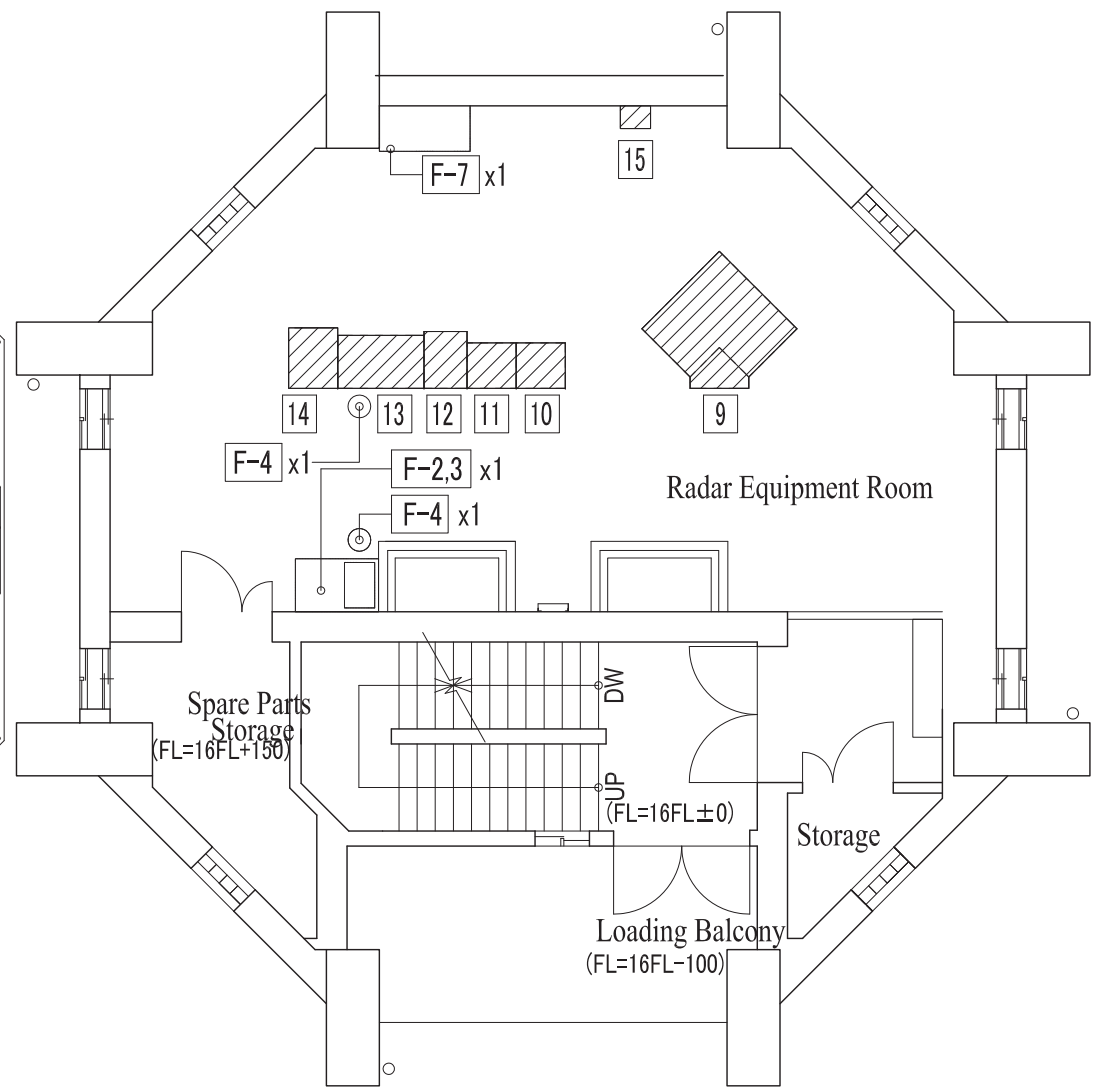
| | |
|----|-----------------------|
| 9 | AVR |
| 10 | Isolation Transformer |

FURNITURE (CONSTRUCTION WORK)

| | |
|------|------------------------|
| F-9 | Pin Board: W1,800xH900 |
| F-10 | Water Dispenser |



3FL PLAN



16FL PLAN

EQUIPMENT (EQUIPMENT WORK)

| | |
|----|---------------------------------|
| 1 | Indicator |
| 2 | Color Printer |
| 3 | Radar AVR |
| 4 | Isolation Transformer |
| 5 | Power Supply Capacitor |
| 6 | Emergency Power Backup Unit |
| 7 | Emergency Power Backup Battery |
| 8 | VSAT Antenna |
| 9 | Transmitter |
| 10 | Antenna Controller & Dehydrator |
| 11 | DRSP |
| 12 | Data & Protocol Converter |
| 13 | Radar TASK Controller |
| 14 | VSAT In-Door Unit (IDU) |
| 15 | Radar Power Maintenance Panel |

FURNITURE (CONSTRUCTION WORK)

| | |
|-----|--------------------------------------|
| F-1 | Meeting Table (W900xL1,800) |
| F-2 | Pedestal-free Desk (W1,100xD700) |
| F-3 | Drawer Unit with Casters |
| F-4 | Chair |
| F-5 | Lateral Filling Cabinet H1,100 |
| F-6 | Cabinet (Double Hinged Doors) H1,000 |
| F-7 | Shelves (Double Hinged Doors) H2,100 |
| F-8 | White Board: W1,800xH900 |