

2-2-3 Basic Design Drawing

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

<Virac Meteorological Radar Tower Building>

- Site Plan : V-G-01
- Floor Plan 1 : V-A-01
- Floor Plan 2 : V-A-02
- Floor Plan 3 : V-A-03
- Floor Plan 4 : V-A-04
- Floor Plan 5 : V-A-05
- Elevation 1 : V-A-06
- Elevation 2 : V-A-07
- Section : V-A-08

- Equipment Layout 1 : V-EQ-01
- Equipment Layout 2 : V-EQ-02

<Aparri Meteorological Radar Tower Building>

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

- Equipment Layout 1 : A-EQ-01
- Equipment Layout 2 : A-EQ-02

<Guiuan Meteorological Radar Tower Building>

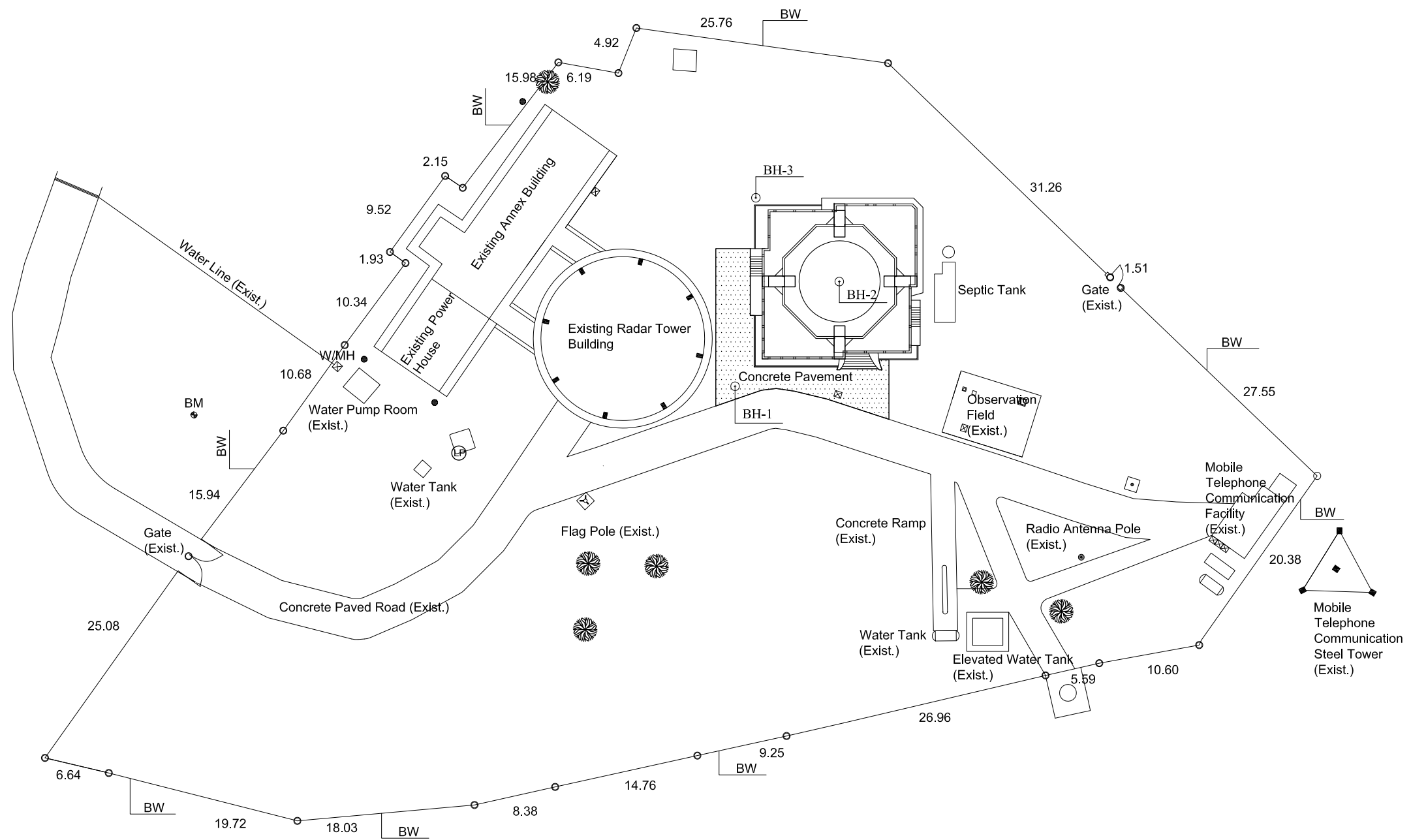
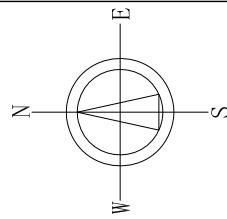
- Site Plan : G-G-01
- Floor Plan 1 : G-A-01
- Floor Plan 2 : G-A-02
- Floor Plan 3 : G-A-03
- Floor Plan 4 : G-A-04
- Floor Plan 5 : G-A-05

- Elevation 1 : G-A-06
- Elevation 2 : G-A-07
- Section : G-A-08

- Equipment Layout 1 : G-EQ-01
- Equipment Layout 2 : G-EQ-02

<PAGASA Head Office, Weather and Flood Forecasting Center (WFFC)>

- Equipment Layout 1 : WFFC-EQ-01

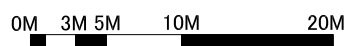


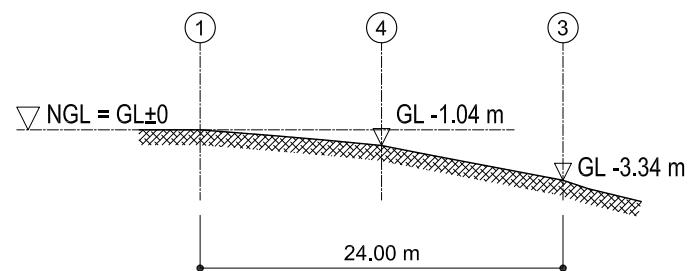
Area Calculation

Floor	Area
1F	205.39 m ²
2F	7.37 m ²
M2F, 3F, M3F and 4F	0 m ²
M4F	106.75 m ²
5F	16.04 m ²
6F	30.19 m ²
Total Floor Area	365.74 m²
Building Coverage Area	205.39 m²

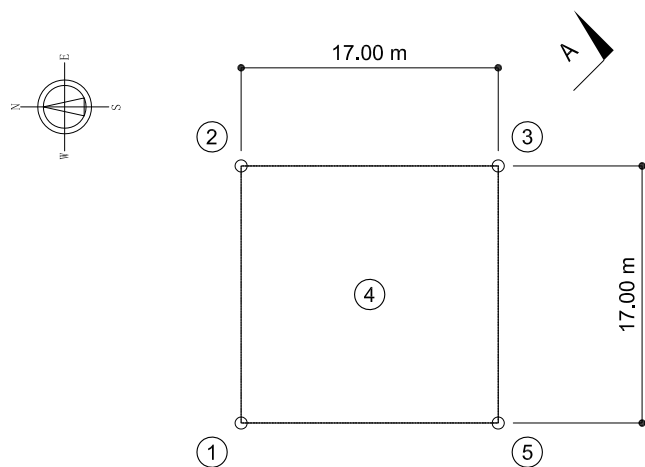
Project Site 6107.0 m²

- Legend**
- BW : Boundary Wall (Exist.)
 - BH : Bore Hole
 - BM : Bench Mark
 - : Tree
 - : Electric Post
 - : Electric Lamp Post
 - : Manhole



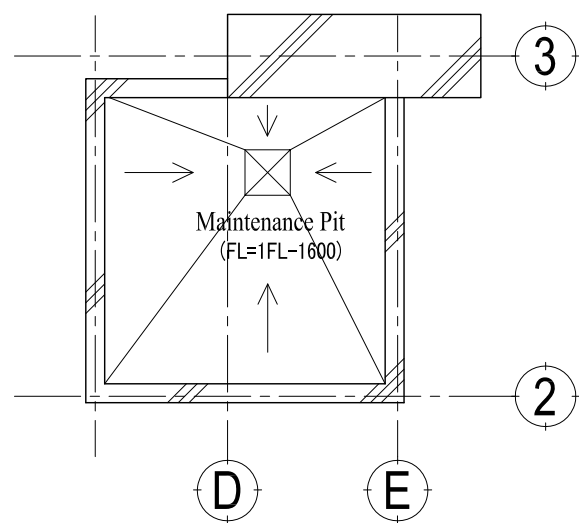


SECTION A-A
NTS

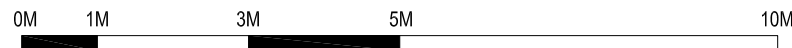


SITE PLAN
NTS

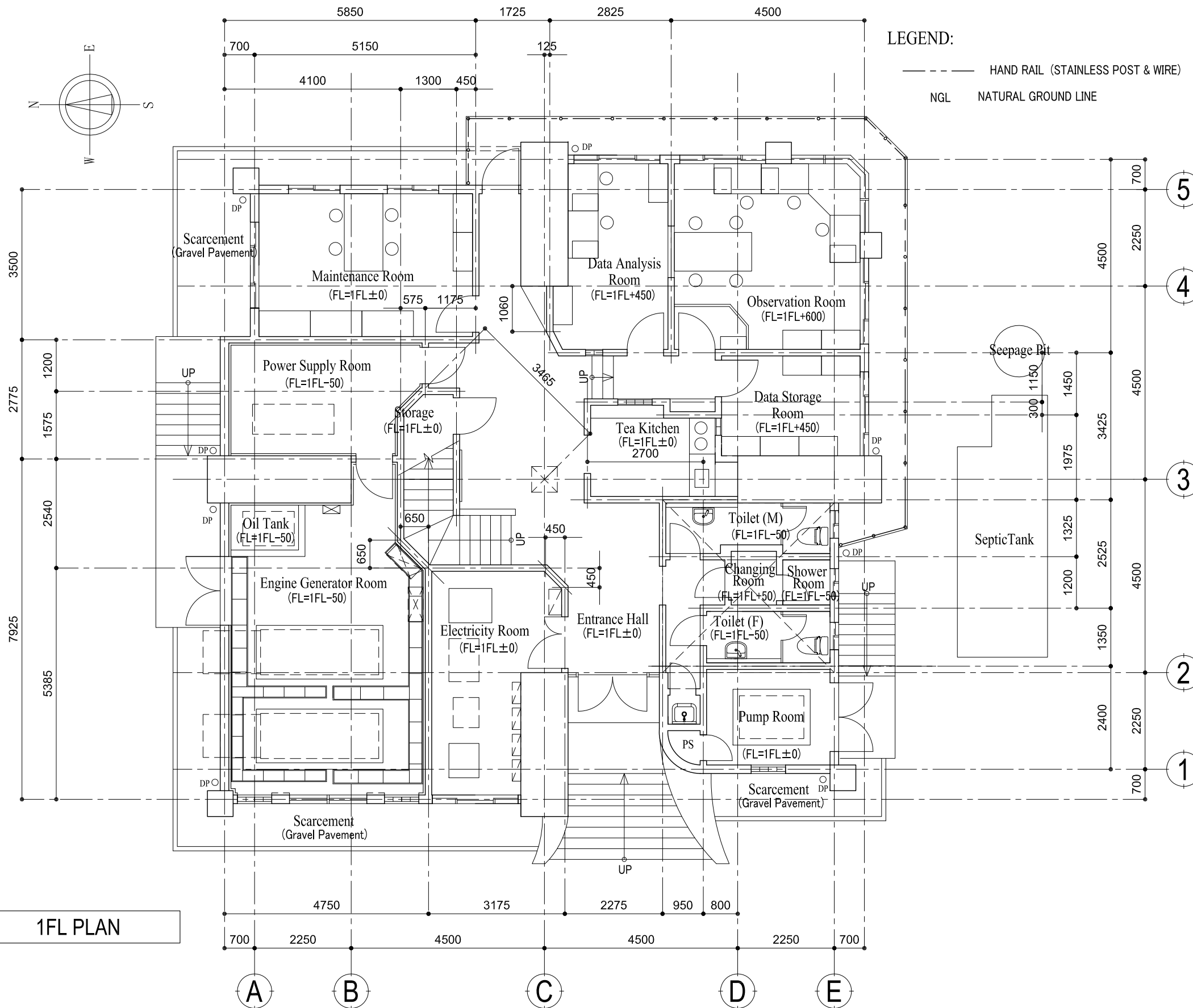
- ① NGL±0 = GL±0
- ② NGL = GL -0.61 m
- ③ GL -3.34 m
- ④ NGL = GL -1.04 m (BUILDING CENTER)
- ⑤ NGL = GL -0.82 m



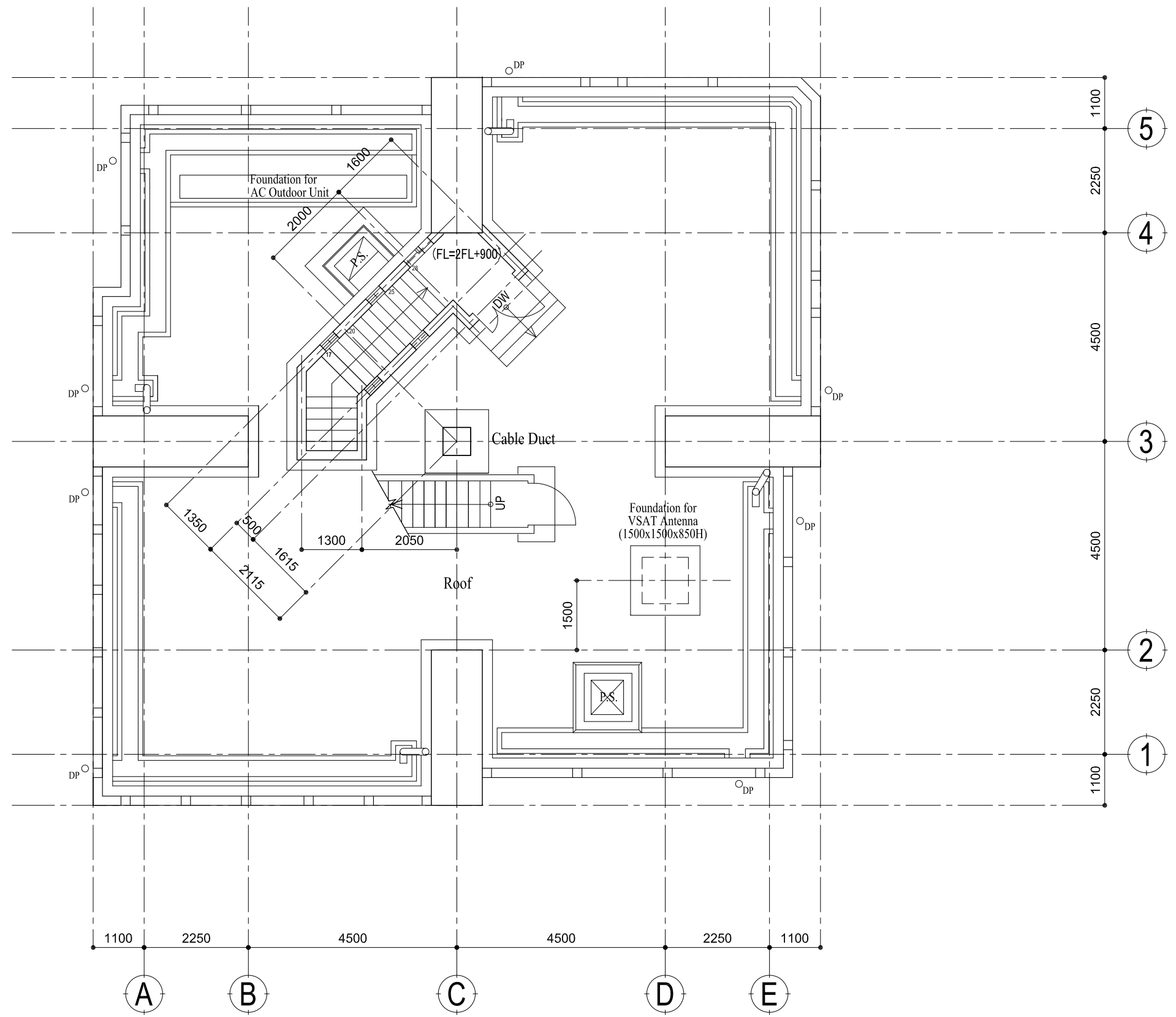
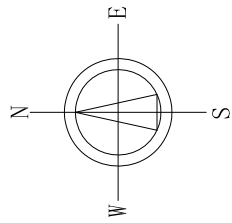
FL-1600



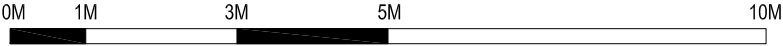
1FL PLAN

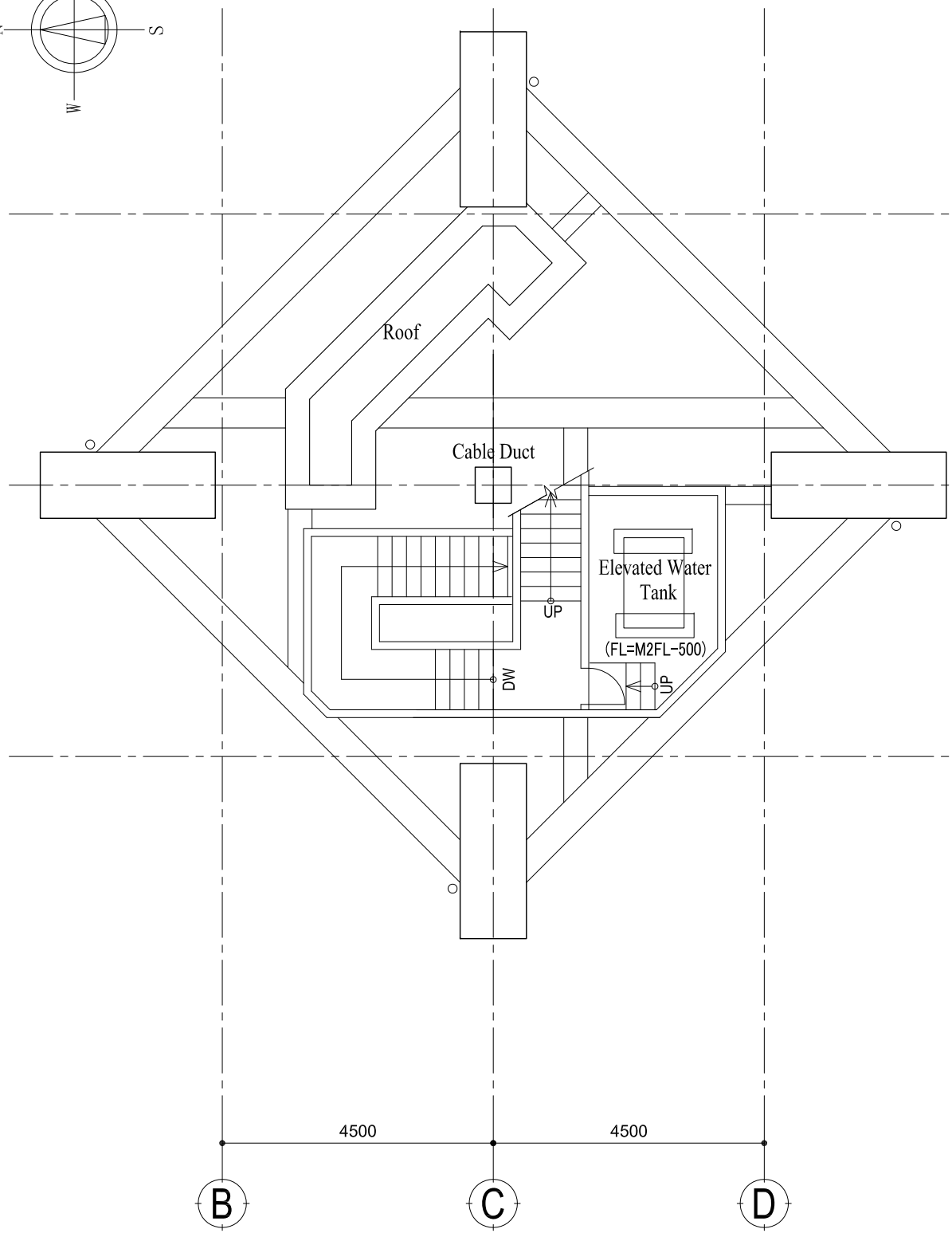
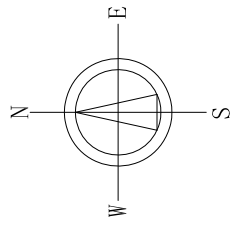


LEGEND:
 --- HAND RAIL (STAINLESS POST & WIRE)
 --- NGL NATURAL GROUND LINE

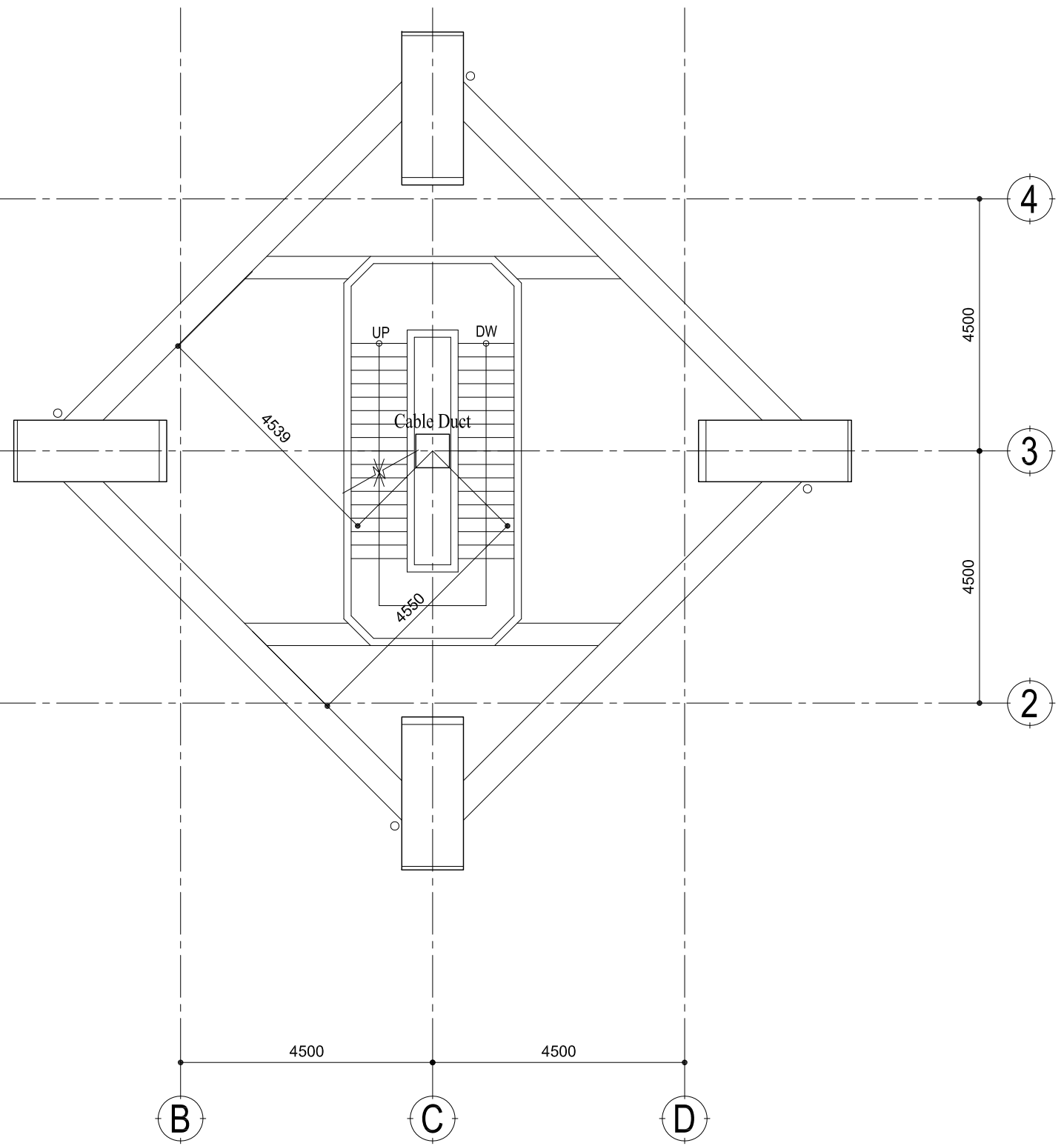


2FL PLAN

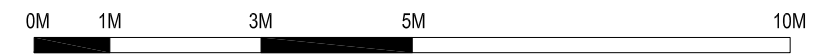


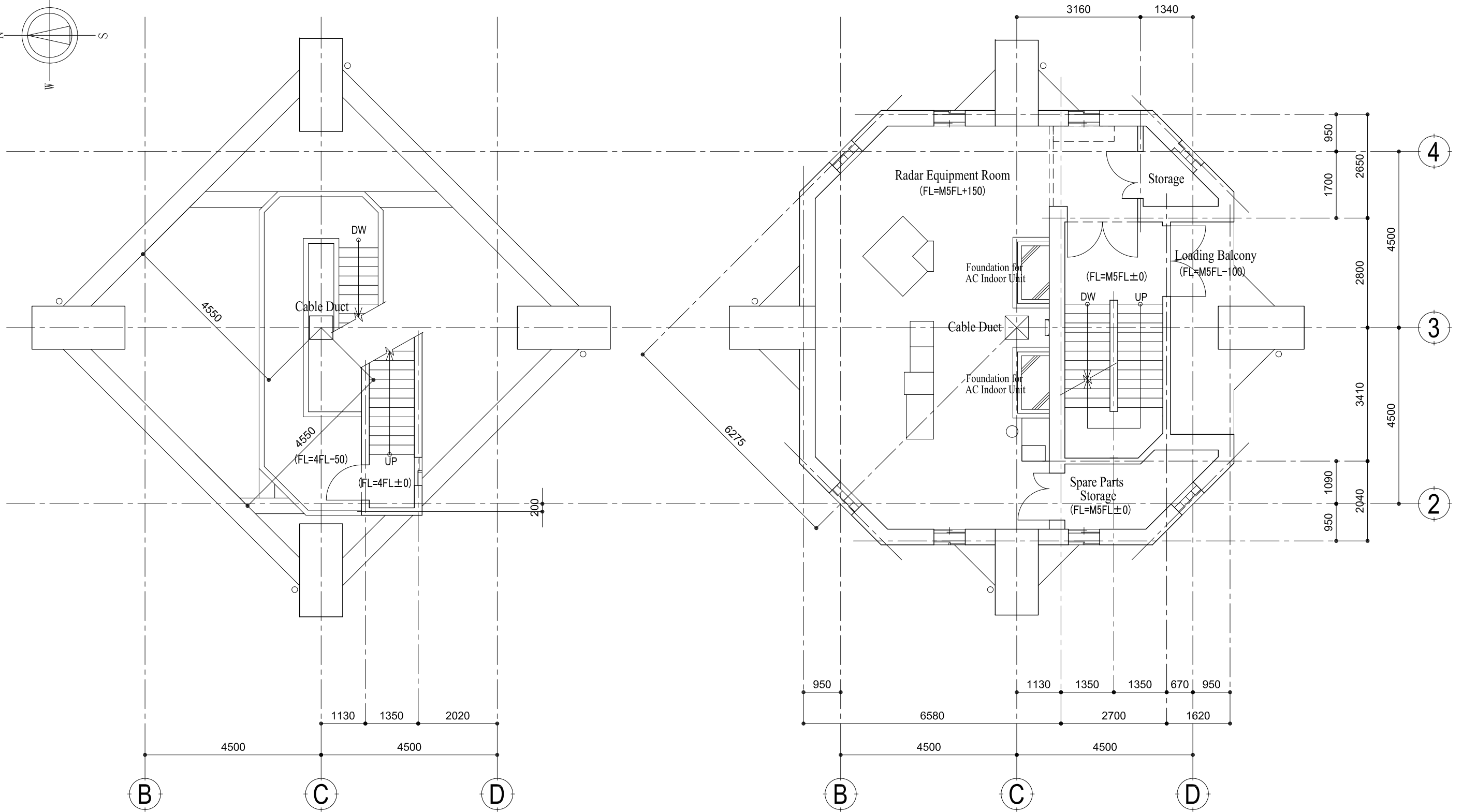
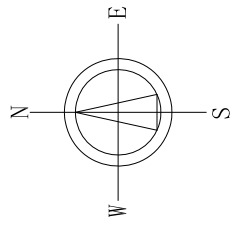


M2FL PLAN



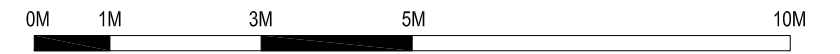
3FL, M3FL PLAN

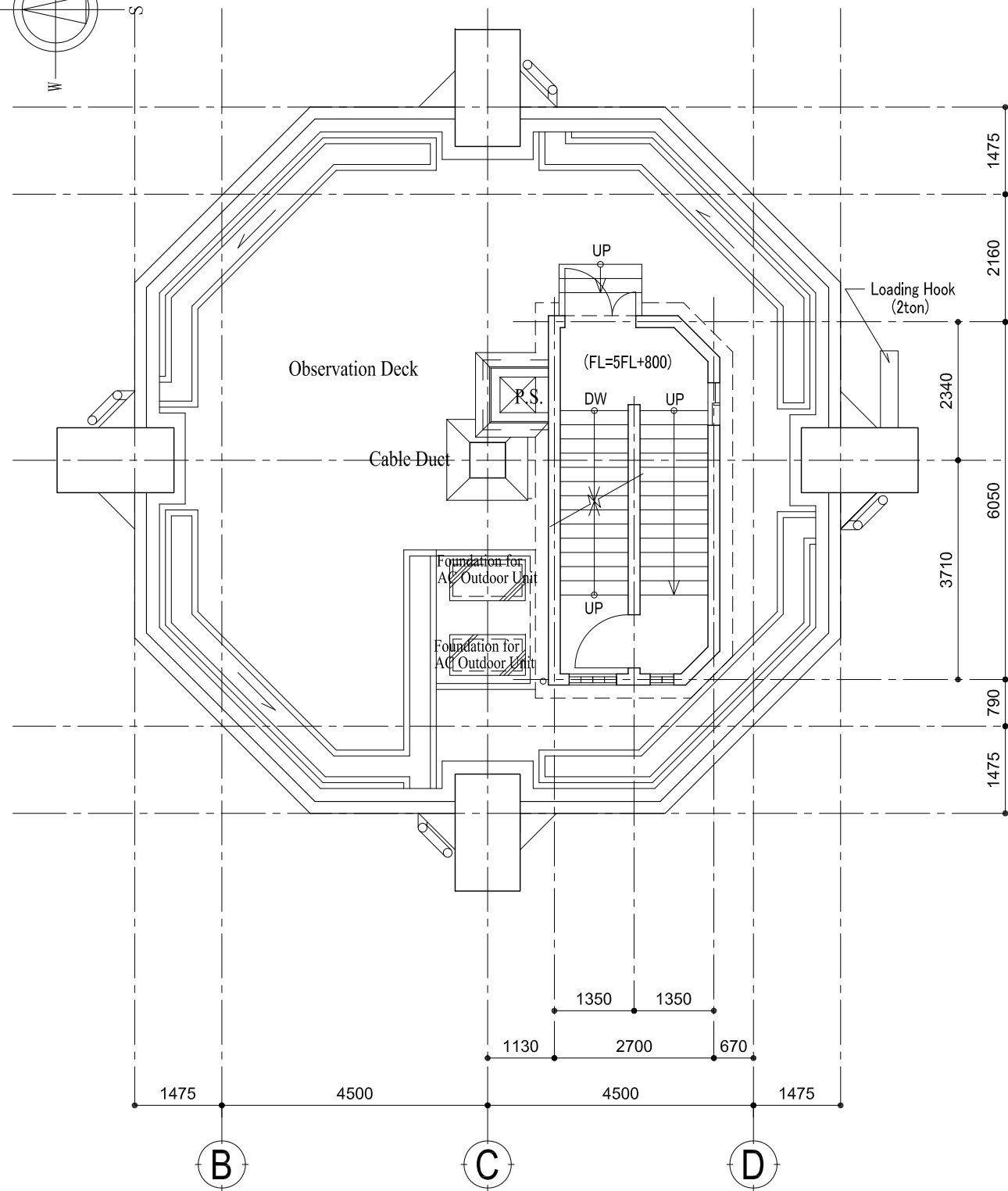
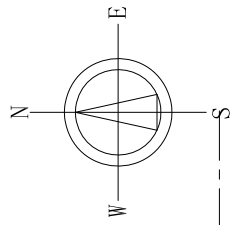




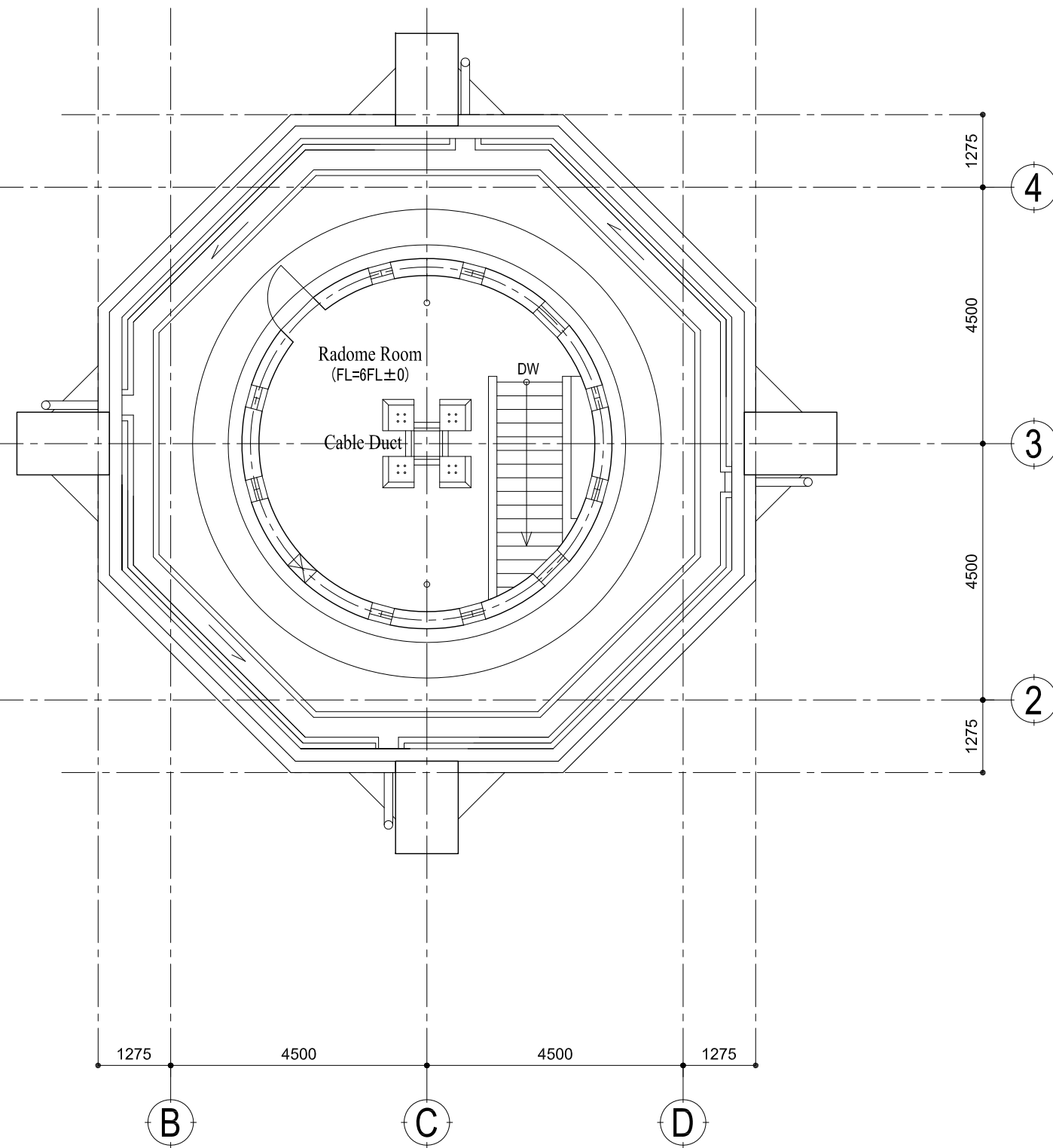
4FL PLAN

M4FL PLAN

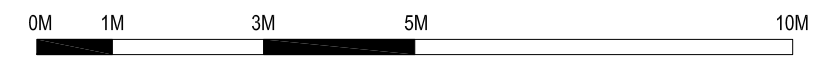


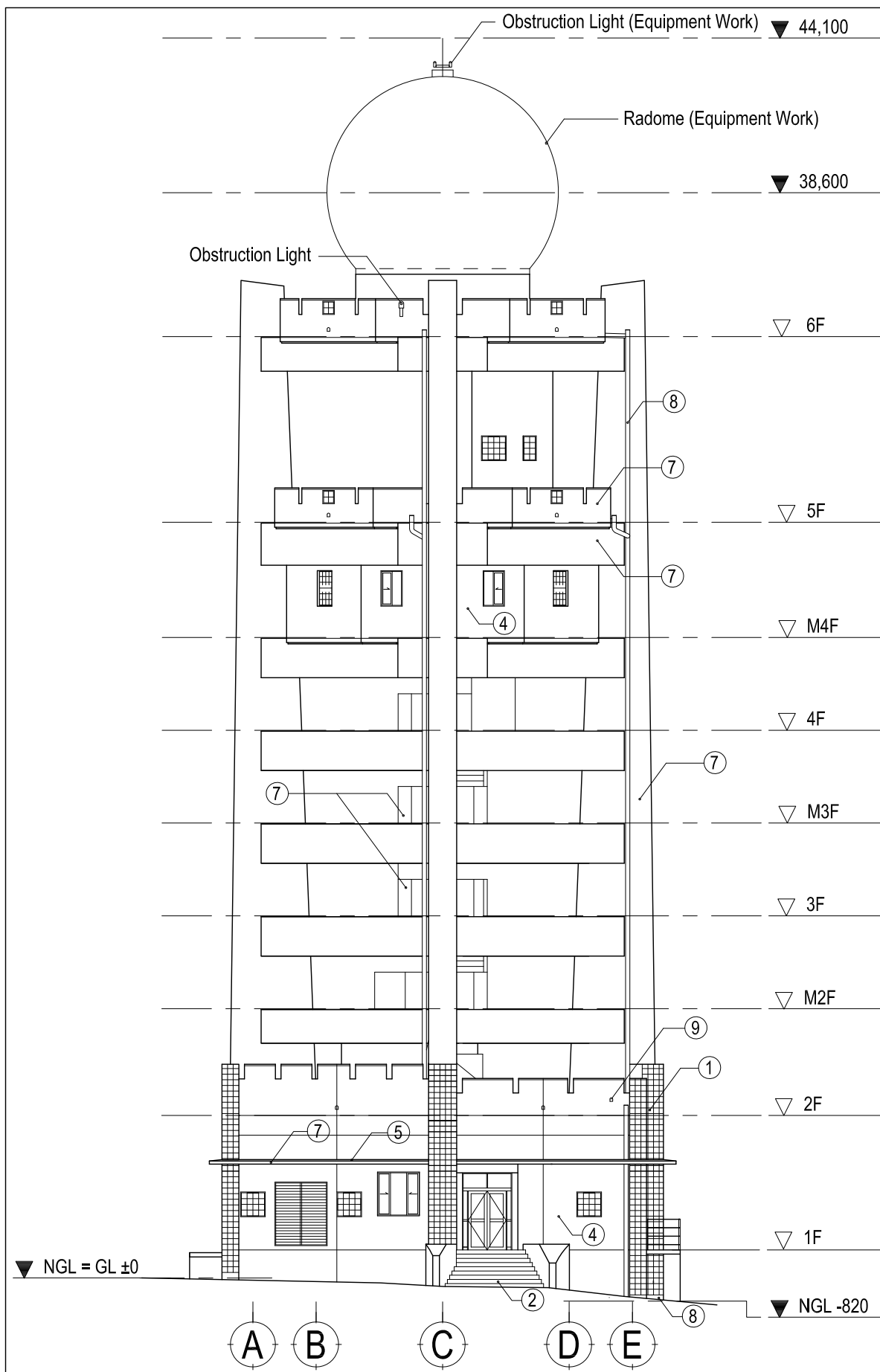


5FL PLAN (OBSERVATION DECK)

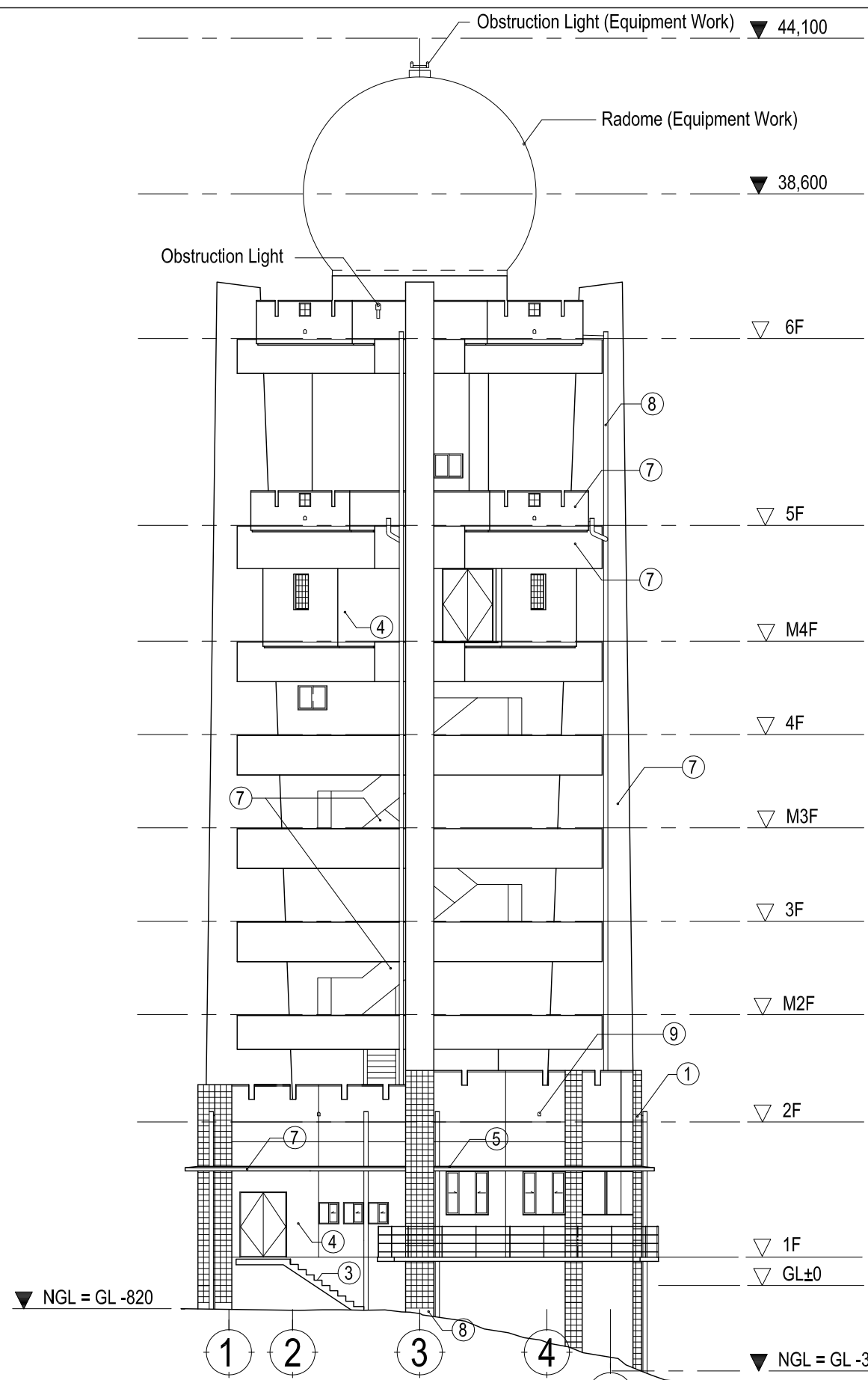


6FL PLAN (RADOME FLOOR)





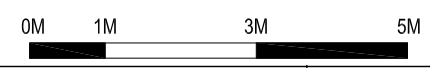
WEST ELEVATION

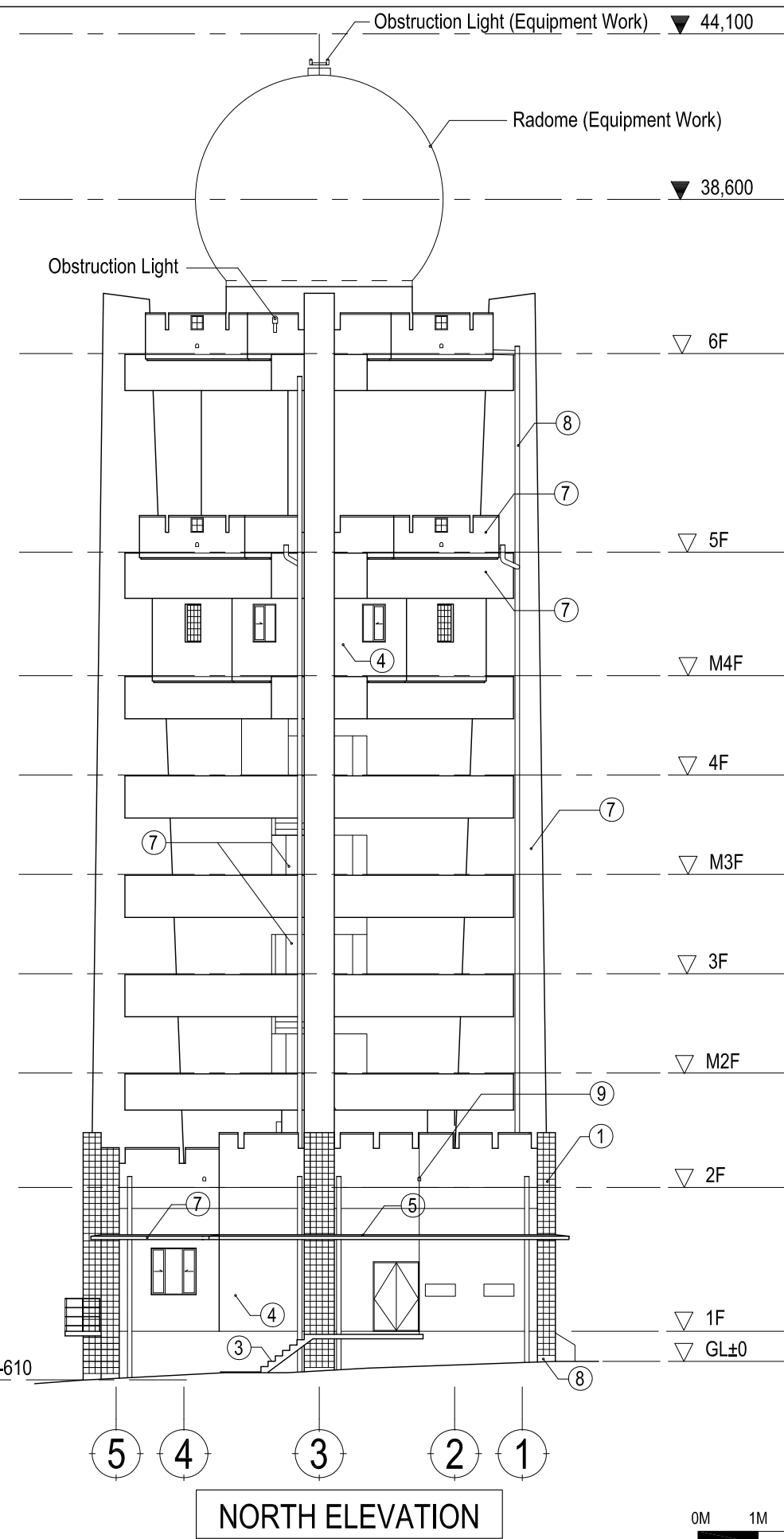
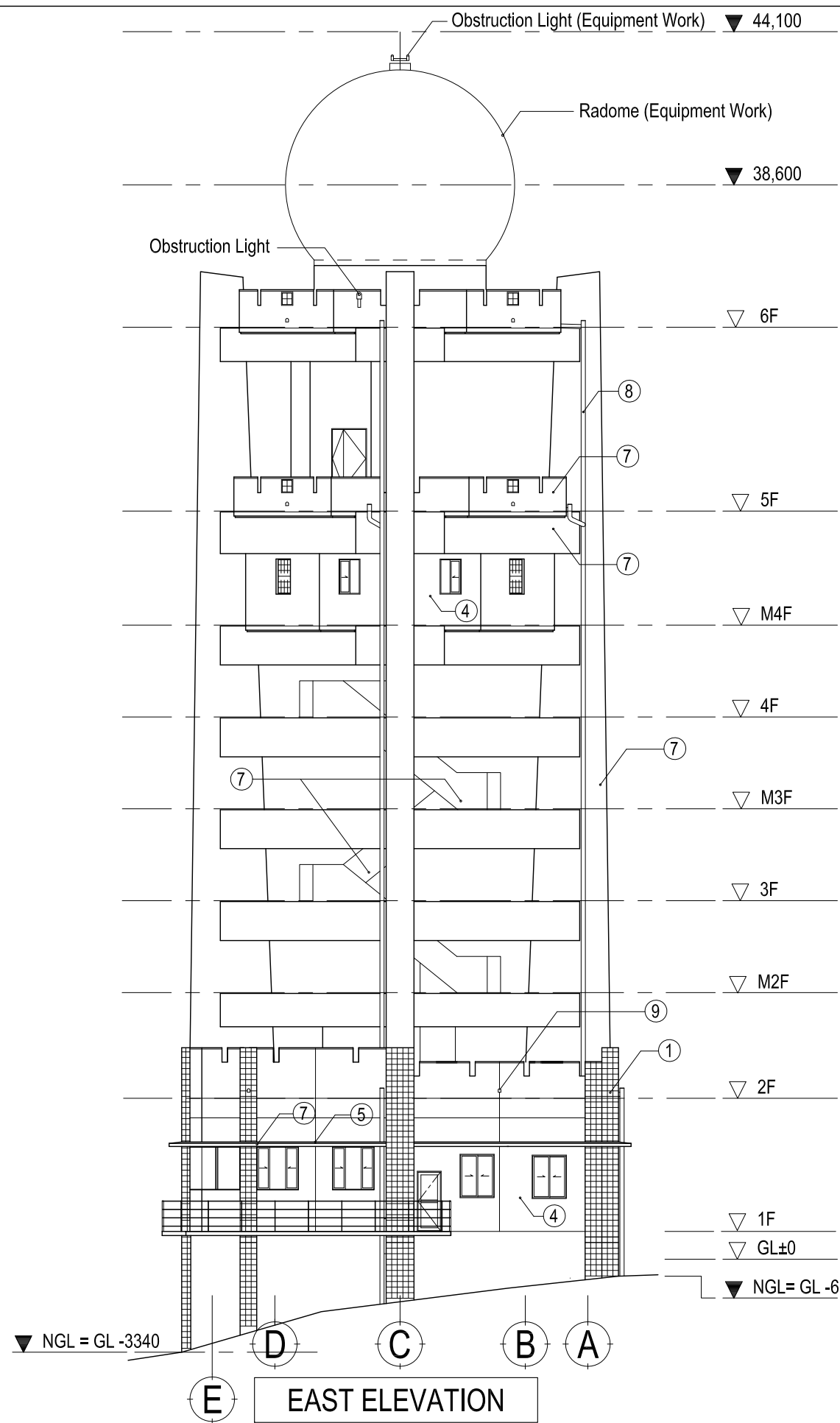


SOUTH ELEVATION

LEGEND

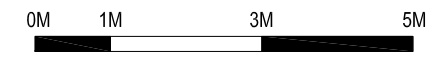
①	Porcelain Tile 100×50
②	Porcelain Tile 200×200
③	C.S.mortar t=30
④	C.S.mortar t=25, Spray Tile
⑤	Waterproof Mortar t=30
⑥	Fair-faced Concrete Mortal Mending, EP
⑦	Fair-faced Concrete Mortal Mending, Spray Tile
⑧	Rain Leader Pipe: Galvanized Steel Pipe 150A Spray Tile
⑨	Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile

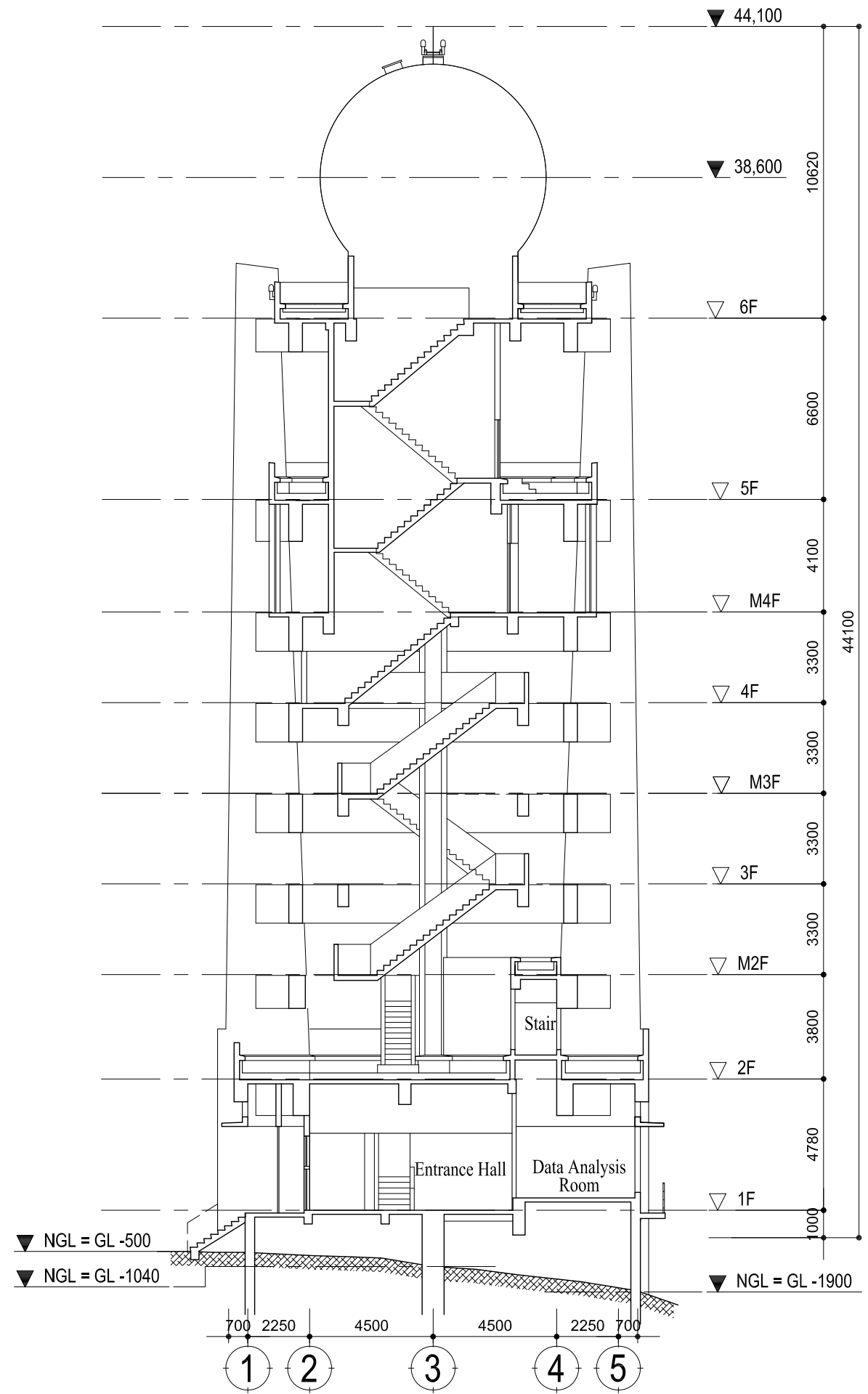
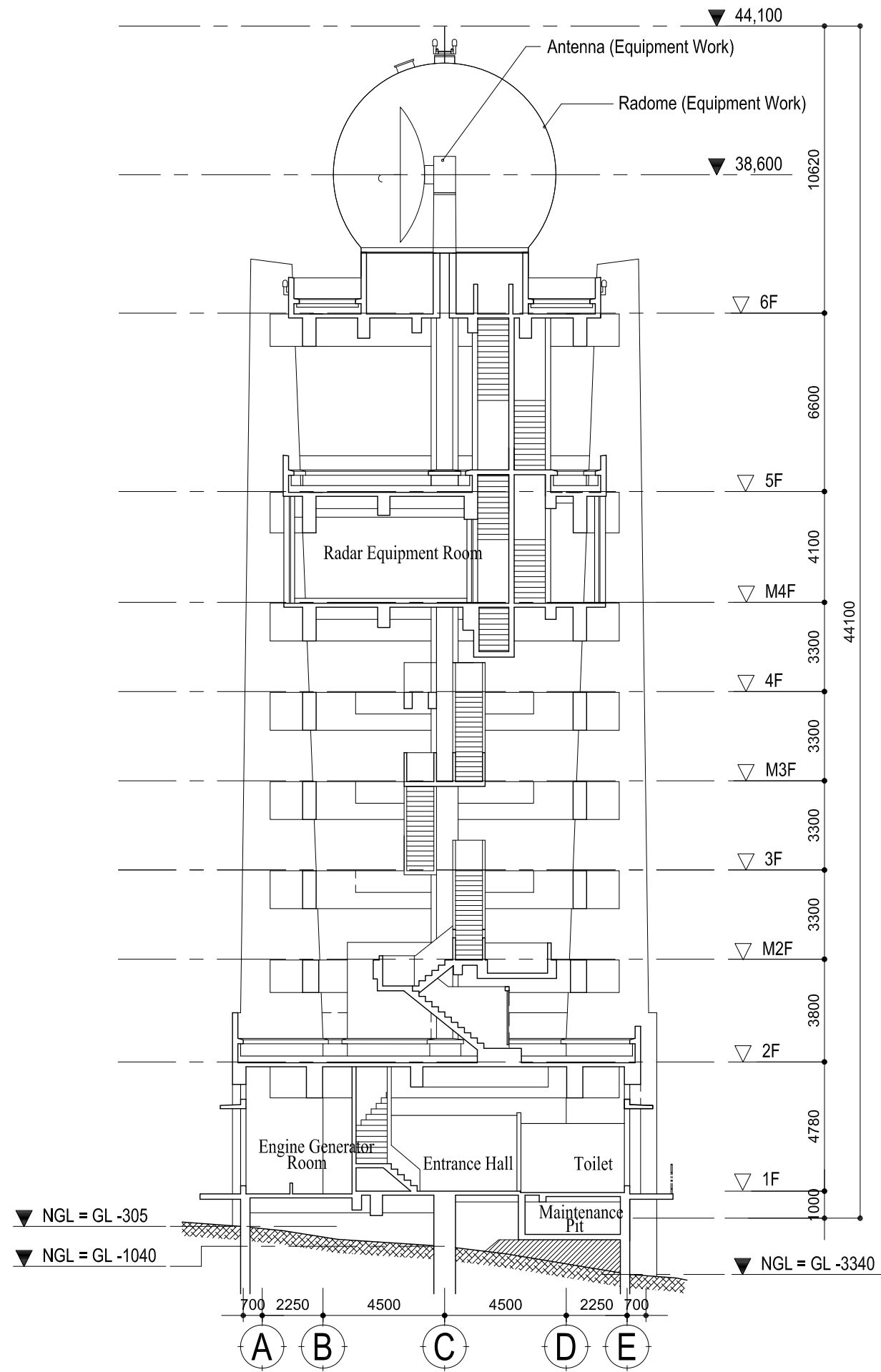


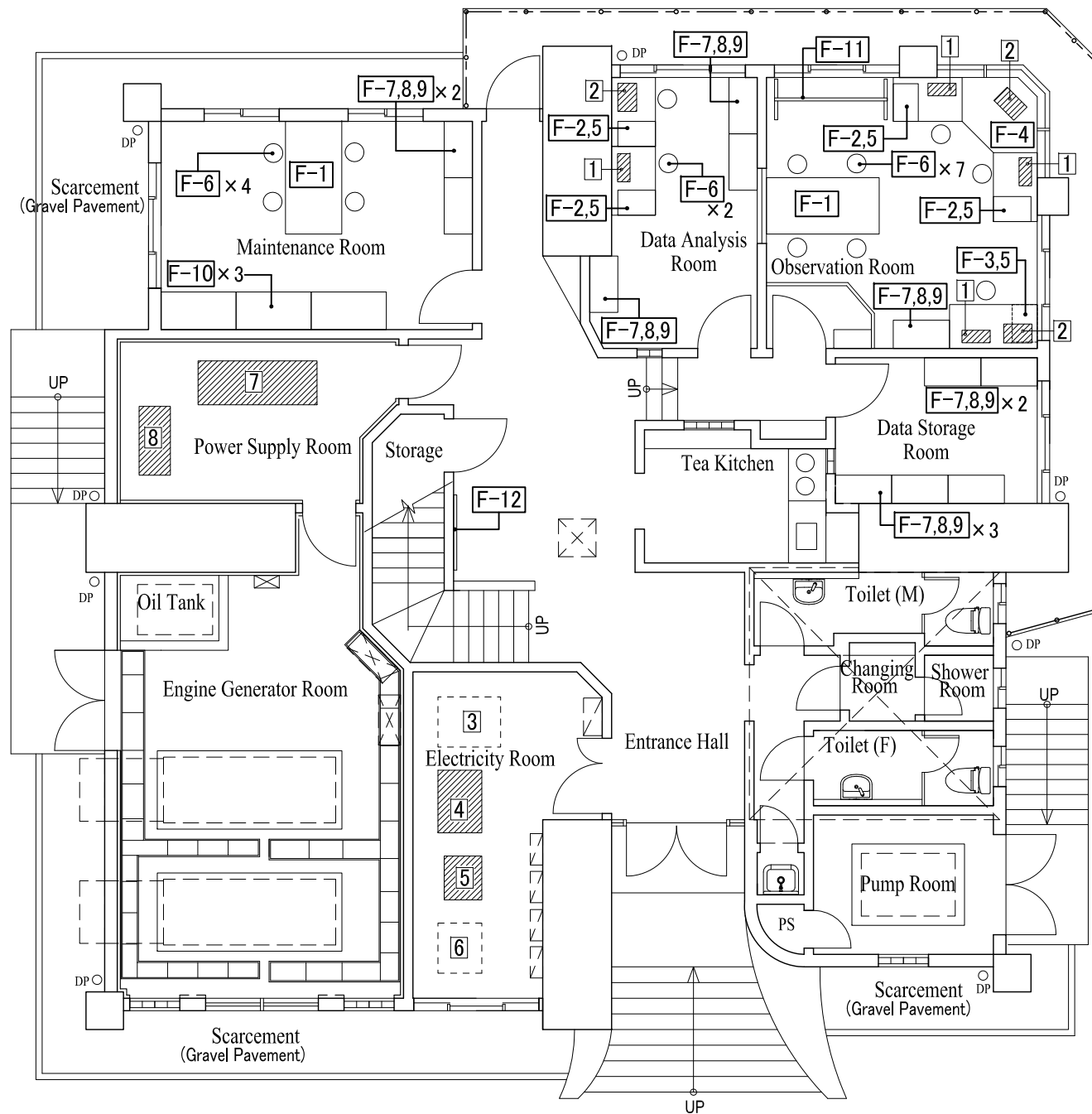
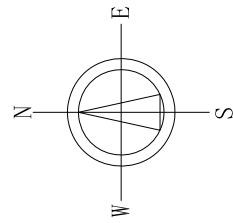


LEGEND

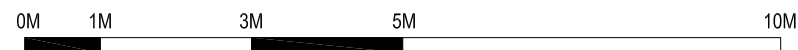
①	Porcelain Tile 100×50
②	Porcelain Tile 200×200
③	C.S.mortar t=30
④	C.S.mortar t=25, Spray Tile
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⑥	Fair-faced Concrete Mortar Mending, EP
⑦	Fair-faced Concrete Mortar Mending, Spray Tile
⑧	Rain Leader Pipe: Galvanized Steel Pipe 150A Spray Tile
⑨	Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile







1FL PLAN



EQUIPMENT (EQUIPMENT WORK)

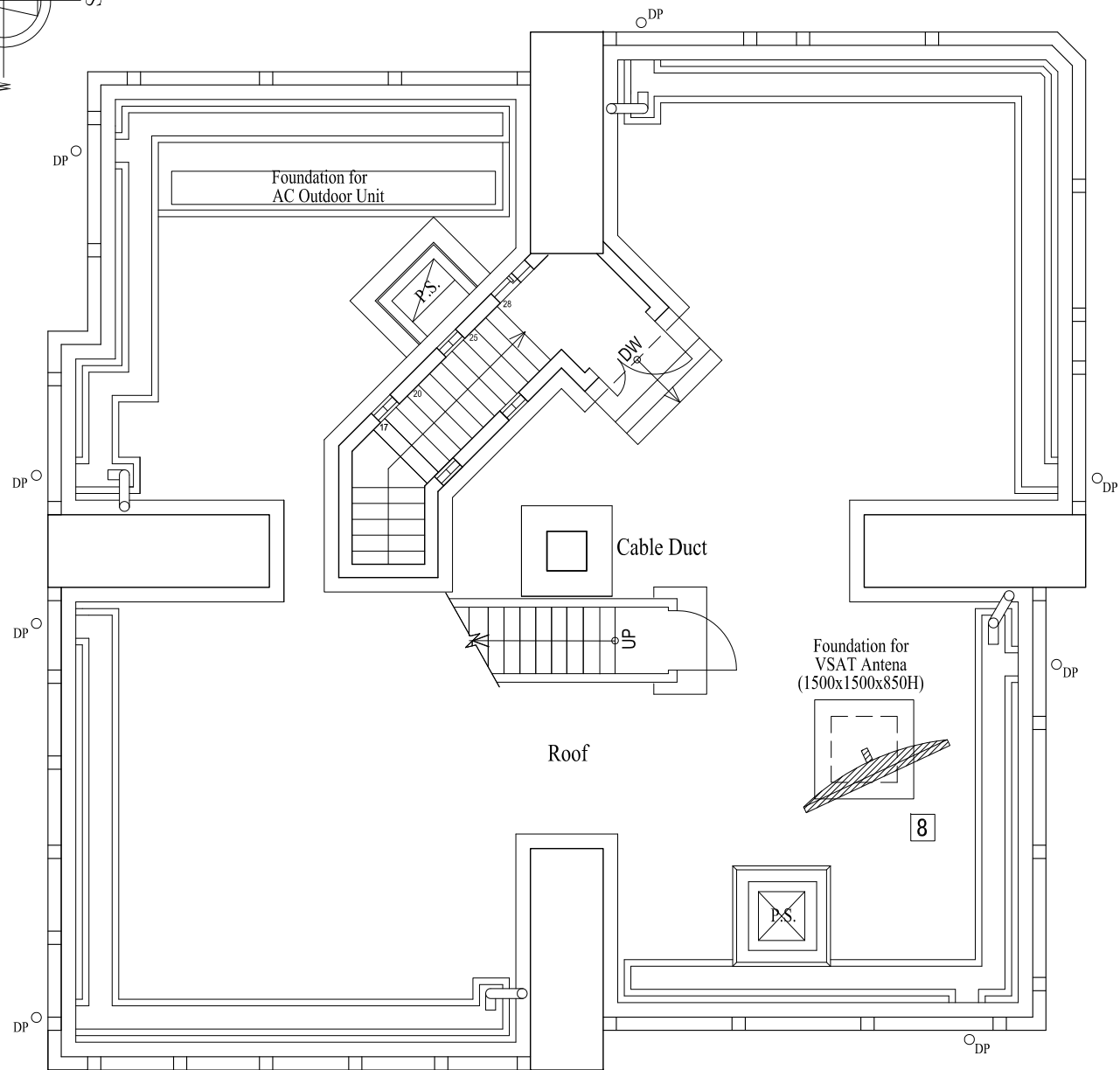
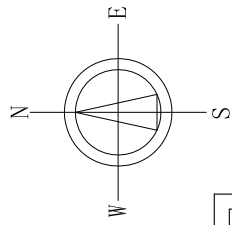
- 1 Indicator
- 2 Color Printer
- 4 Radar AVR
- 5 Isolation Transformer
- 7 Power Supply Capacitor
- 8 Emergency Power Backup Unit

EQUIPMENT (CONSTRUCTION WORK)

- 3 AVR
- 6 Isolation Transformer

FURNITURE (CONSTRUCTION WORK)

- F-1 Meeting Table
- F-2 Pedestal Desk (D700×W1100)
- F-3 Pedestal Desk (D700×W1400)
- F-4 Five-sided Corner Desk
- F-5 Drawer Unit with Casters
- F-6 Chair
- F-7 Lateral Filling Cabinet
- F-8 Cabinet with Double Hinged Door
- F-9 Top Panel
- F-10 Shelf with Double Hinged Door
- F-11 White Board (Movable Type)
- F-12 Pin Board (Wall Mounted Type)



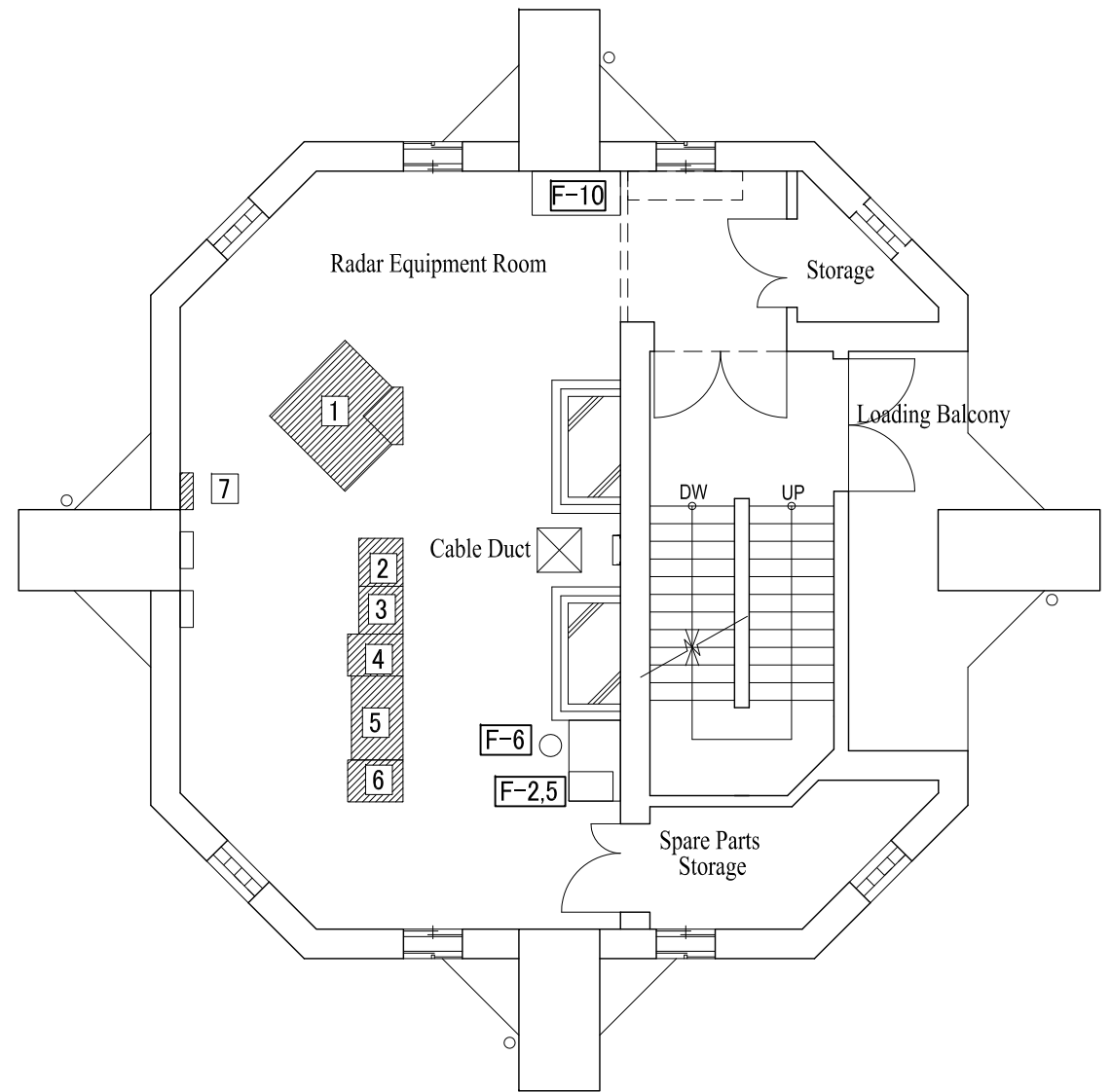
2FL PLAN

FURNITURE (CONSTRUCTION WORK)

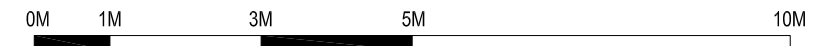
- F-2 Pedestal Desk (D700×W1100)
- F-5 Drawer Unit with Casters
- F-6 Chair
- F-10 Shelf with Double Hinged Door

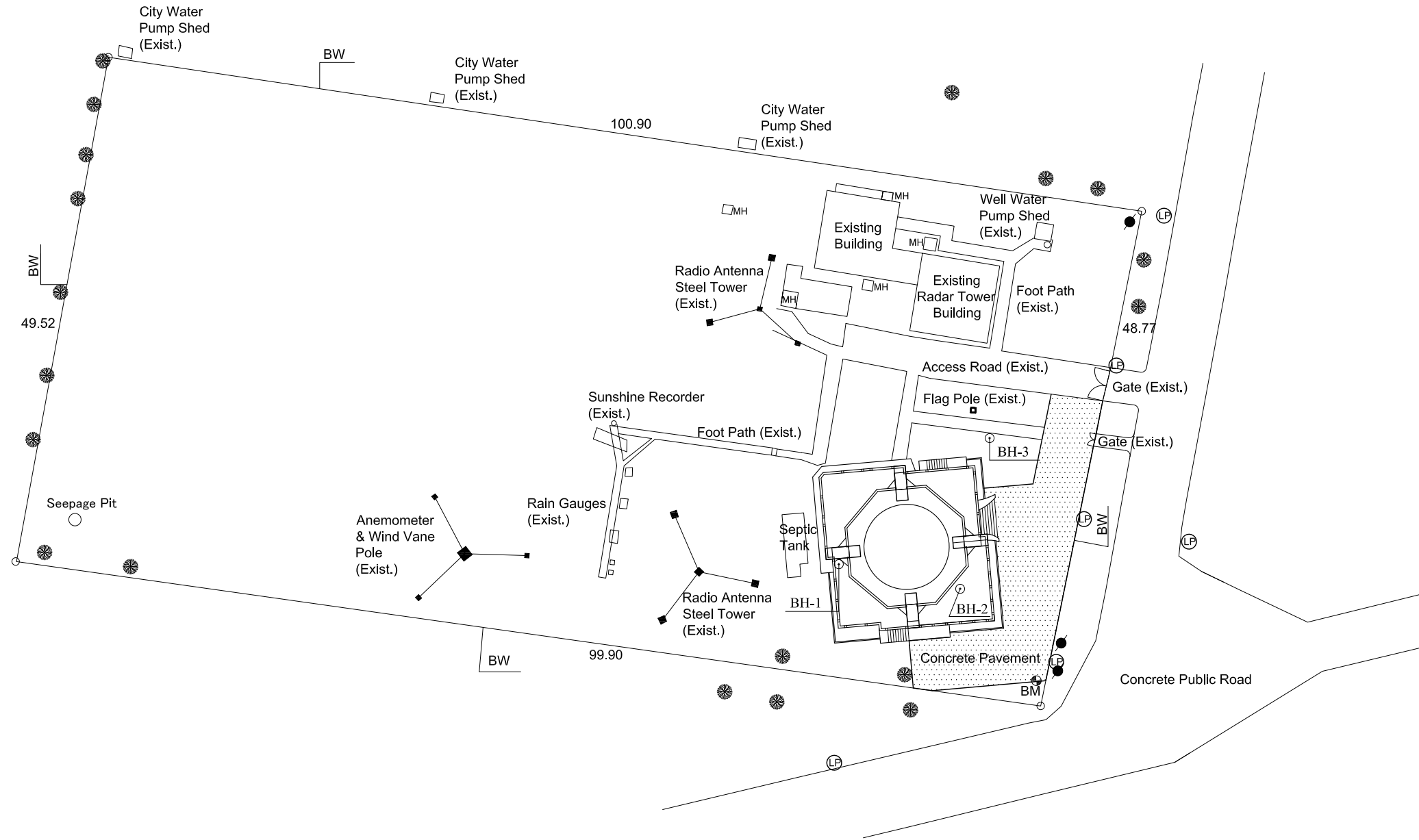
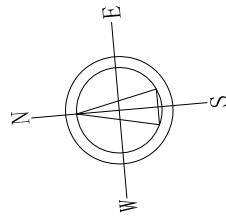
EQUIPMANT (EQUIPMENT WORK)

- 1 Transmitter
- 2 DRSP
- 3 Antenna Controller & Dehydrator
- 4 Data & Protocol Converter
- 5 Radar TASK Controller
- 6 VSAT In-Door Unit (IDU)
- 7 Radar Power Maintenance Panel
- 8 VSAT Antenna



M4FL PLAN





Area Calculation

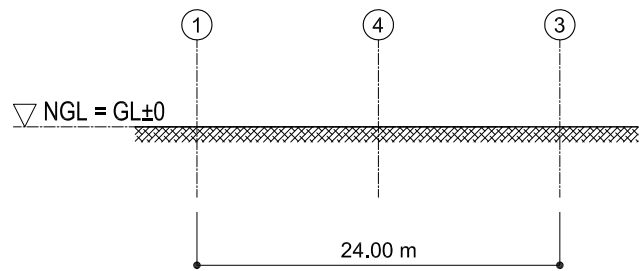
Floor	Area
1F	205.39 m ²
2F	7.37 m ²
M2F, 3F, M3F and 4F	0 m ²
M4F	106.75 m ²
5F	16.04 m ²
6F	30.19 m ²
Total Floor Area	365.74 m²
Building Coverage Area	205.39 m²

Project Site	4928.5 m ²
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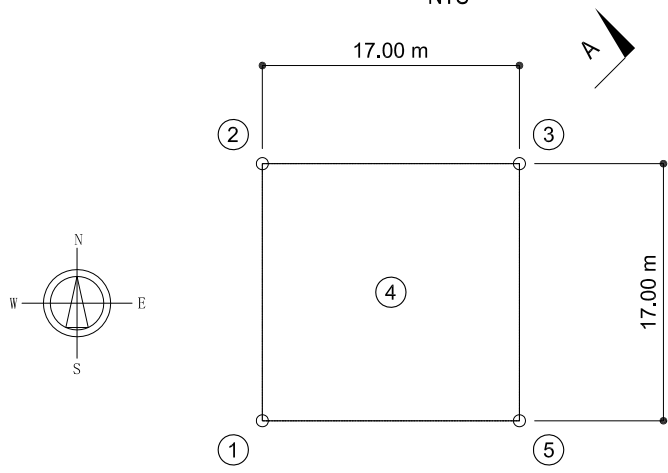
Legend

- BW : Boundary Wall (Exist.)
- BH : Bore Hole
- BM : Bench Mark
- : Tree
- : Electric Post
- : Electric Lamp Post
- : Manhole



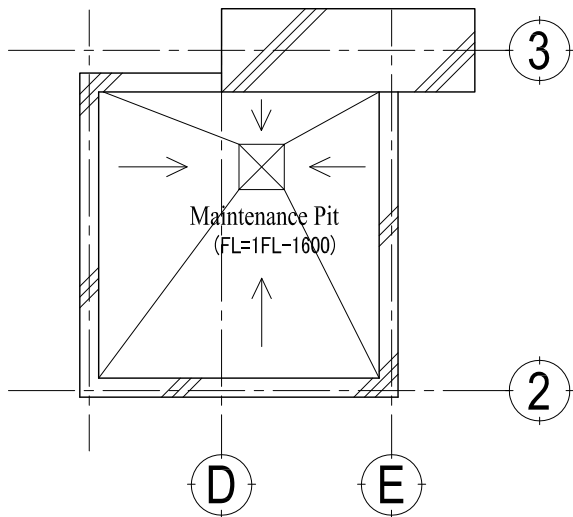


SECTION A-A
NTS

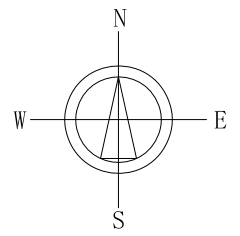


SITE PLAN
NTS

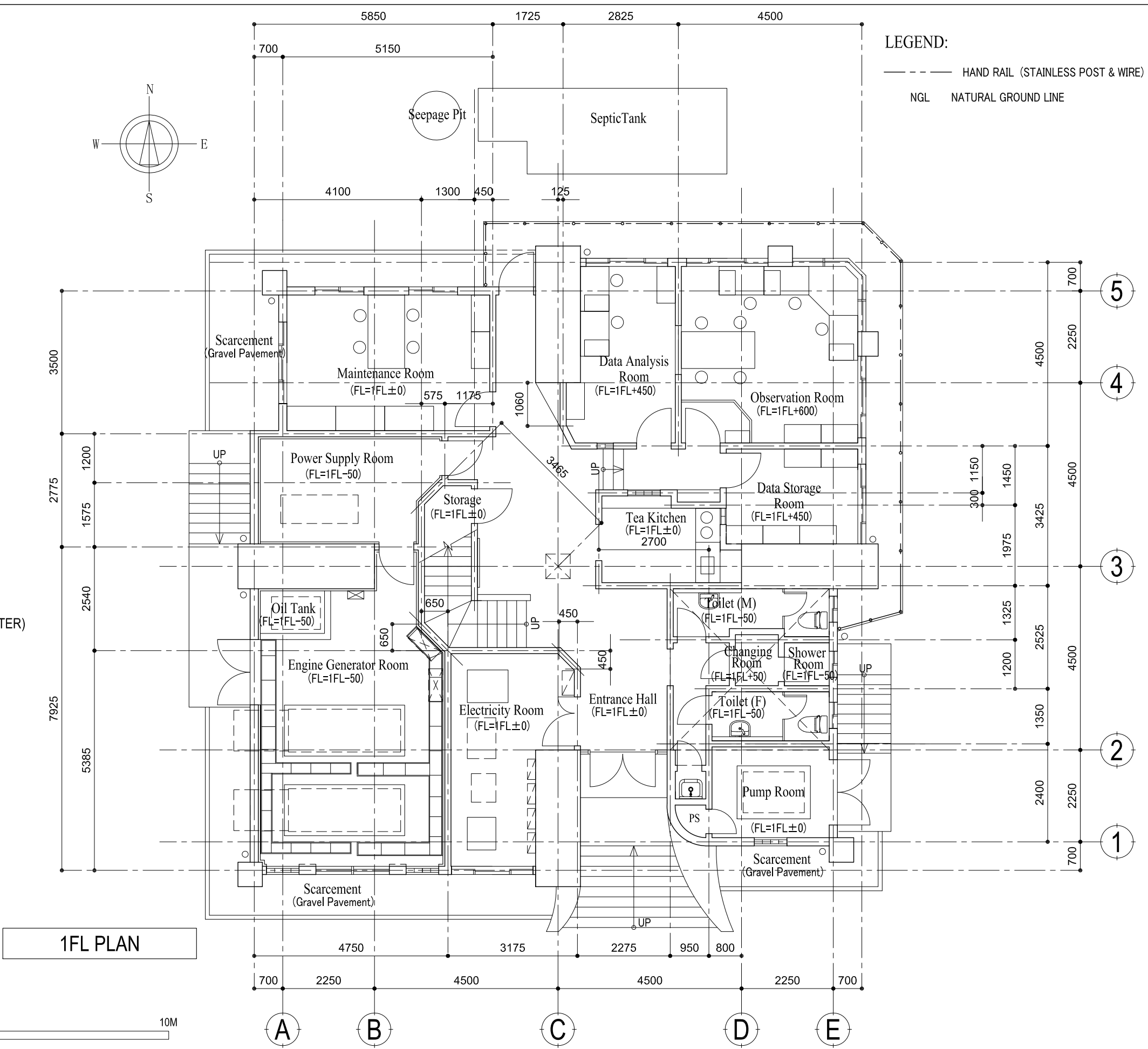
- ① NGL±0 = GL±0
- ② NGL±0 = GL±0
- ③ NGL±0 = GL±0
- ④ NGL±0 = GL±0 (BUILDING CENTER)
- ⑤ NGL±0 = GL±0



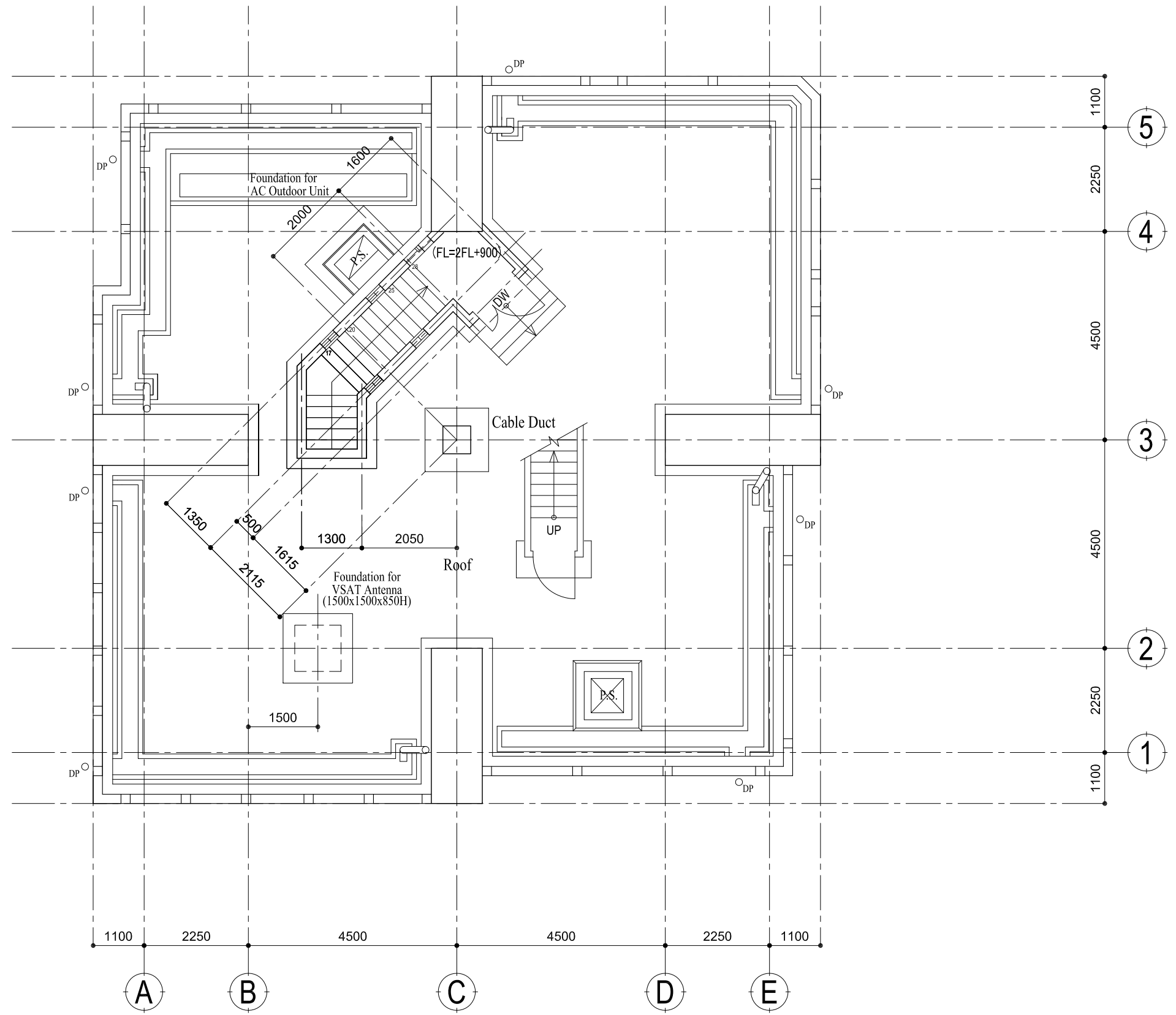
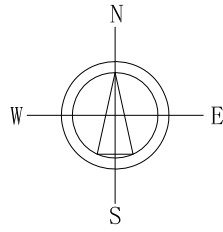
FL-1600



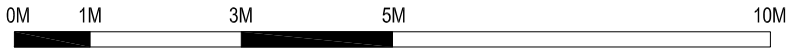
LEGEND:
 --- HAND RAIL (STAINLESS POST & WIRE)
 NGL NATURAL GROUND LINE

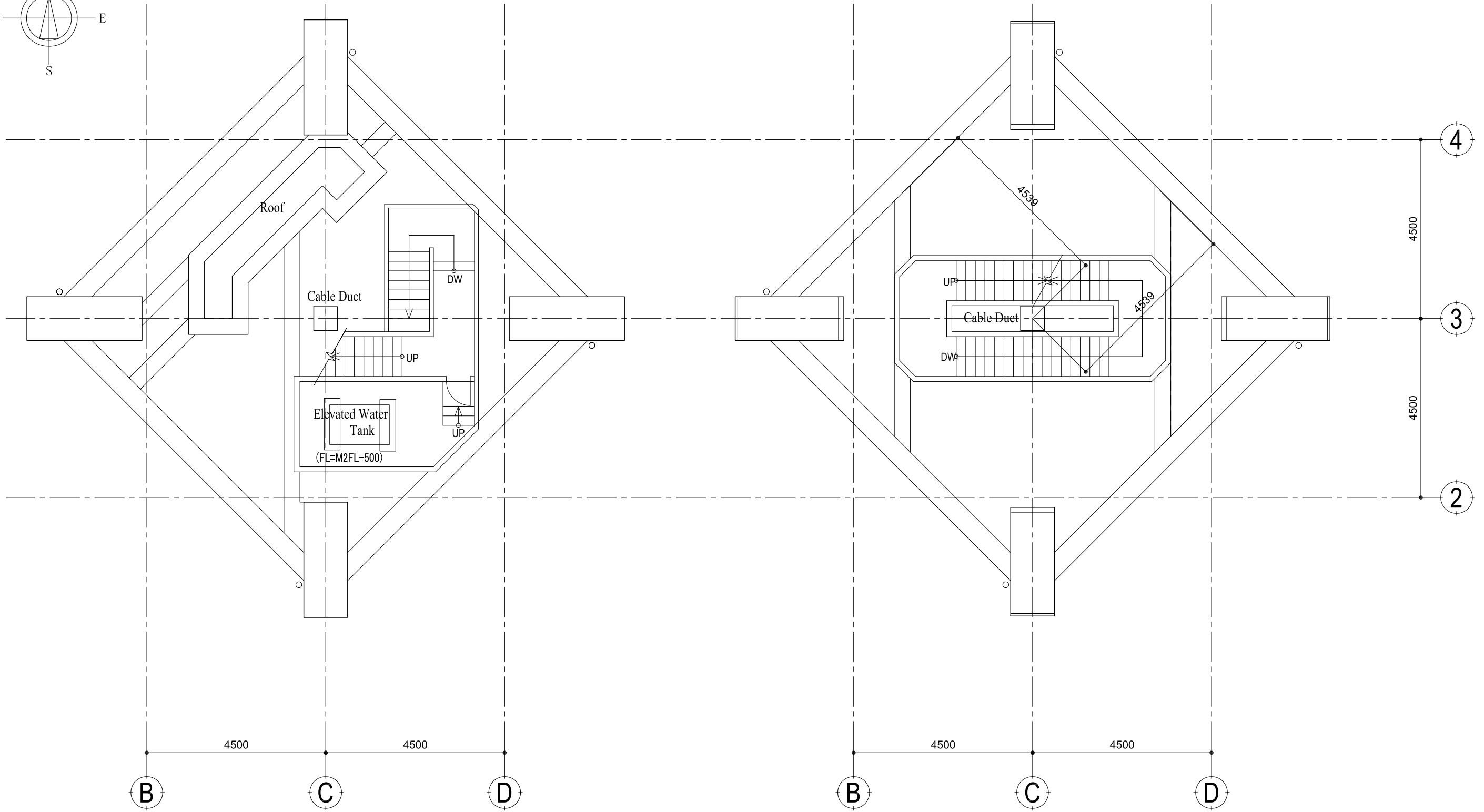
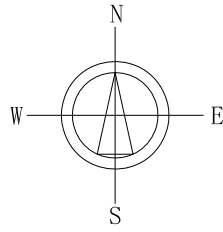


1FL PLAN



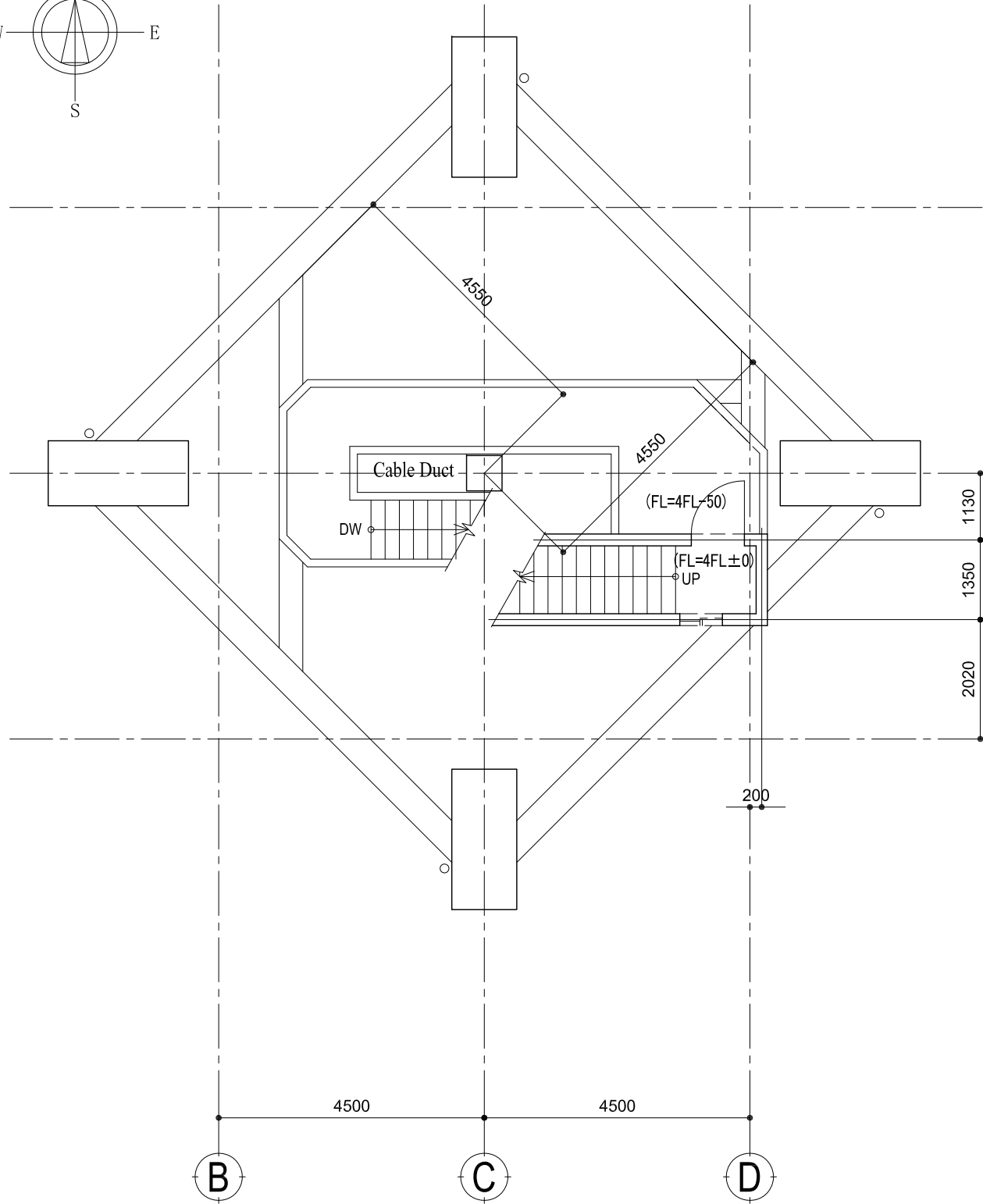
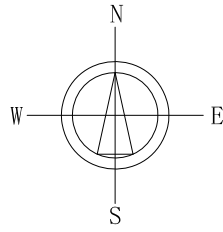
2FL PLAN



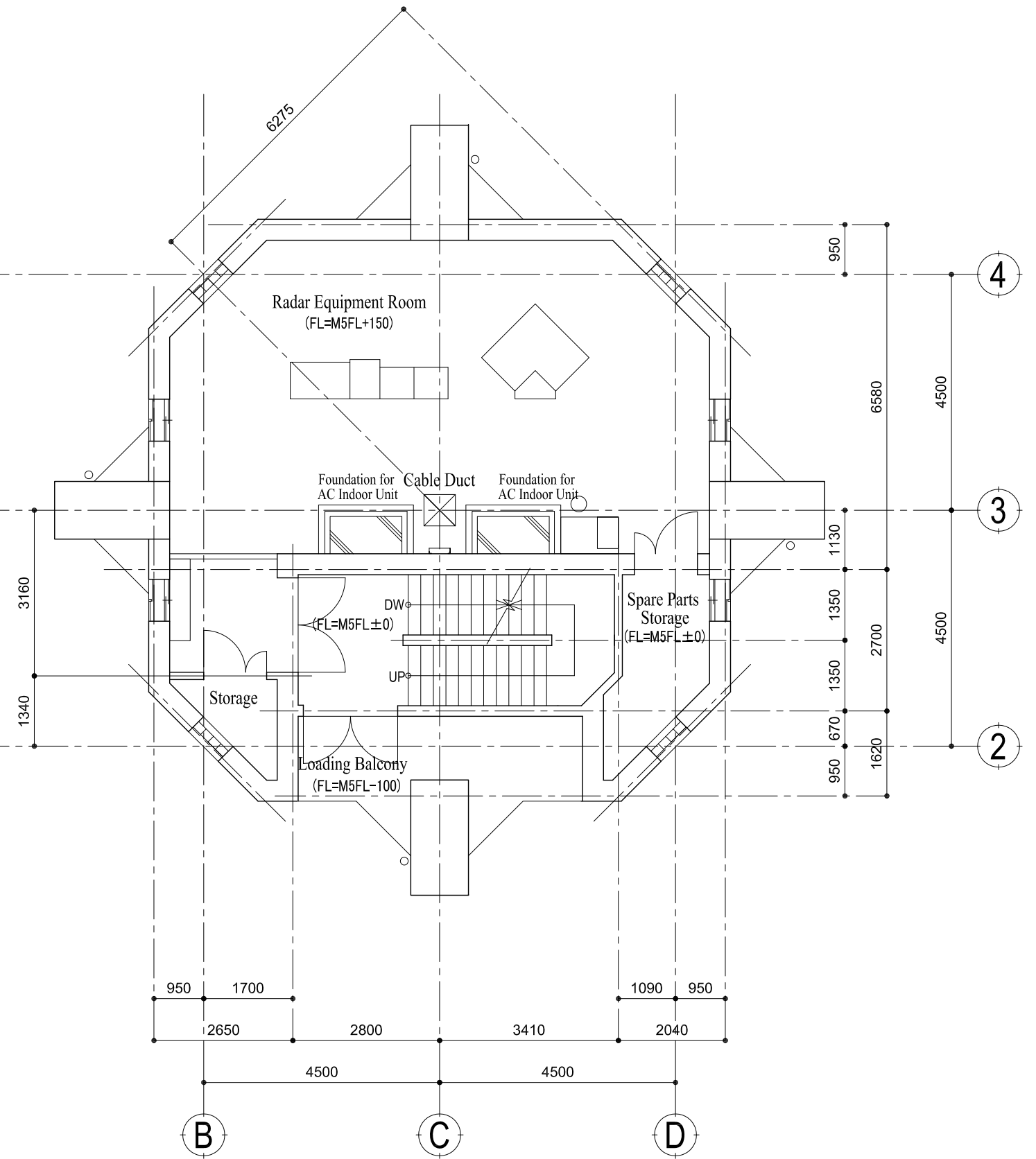


M2FL PLAN

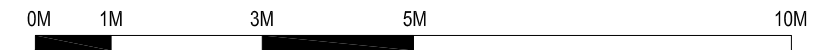
3FL, M3FL PLAN

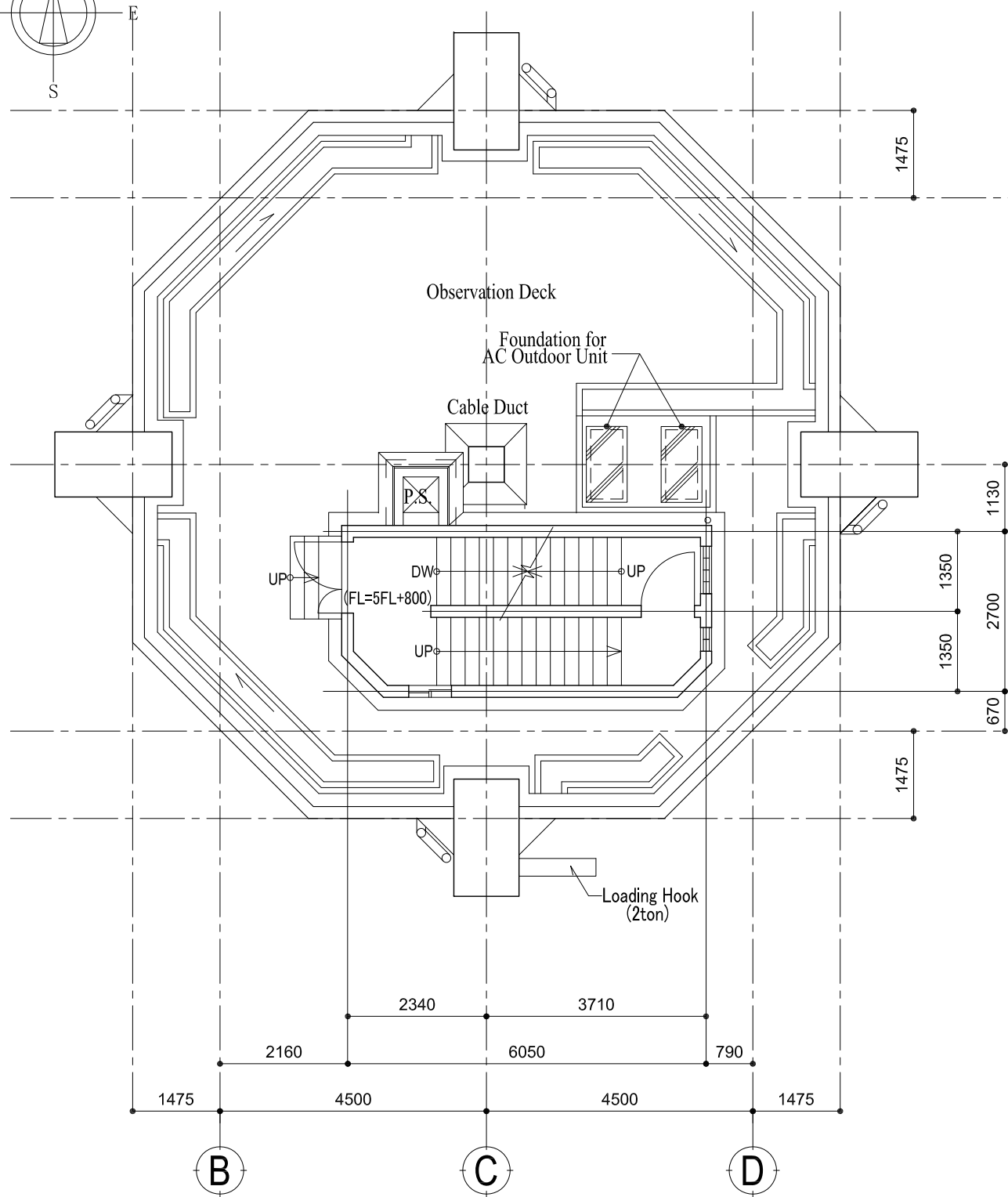
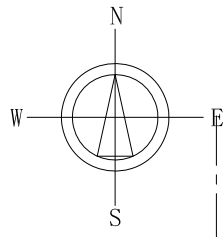


4FL PLAN

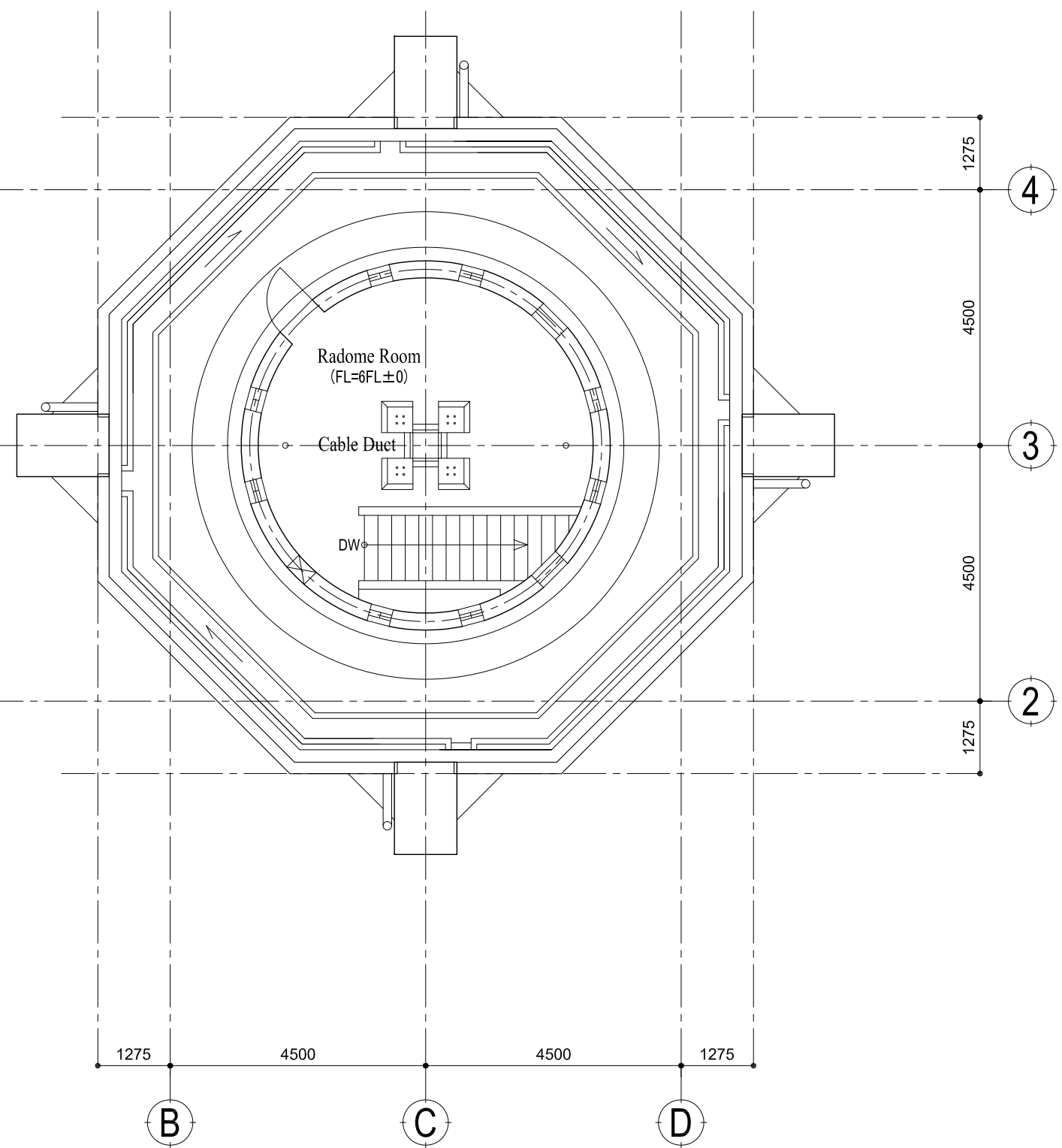


M4FL PLAN

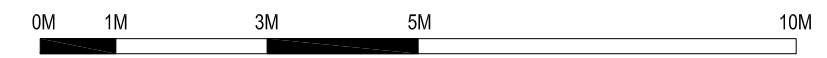


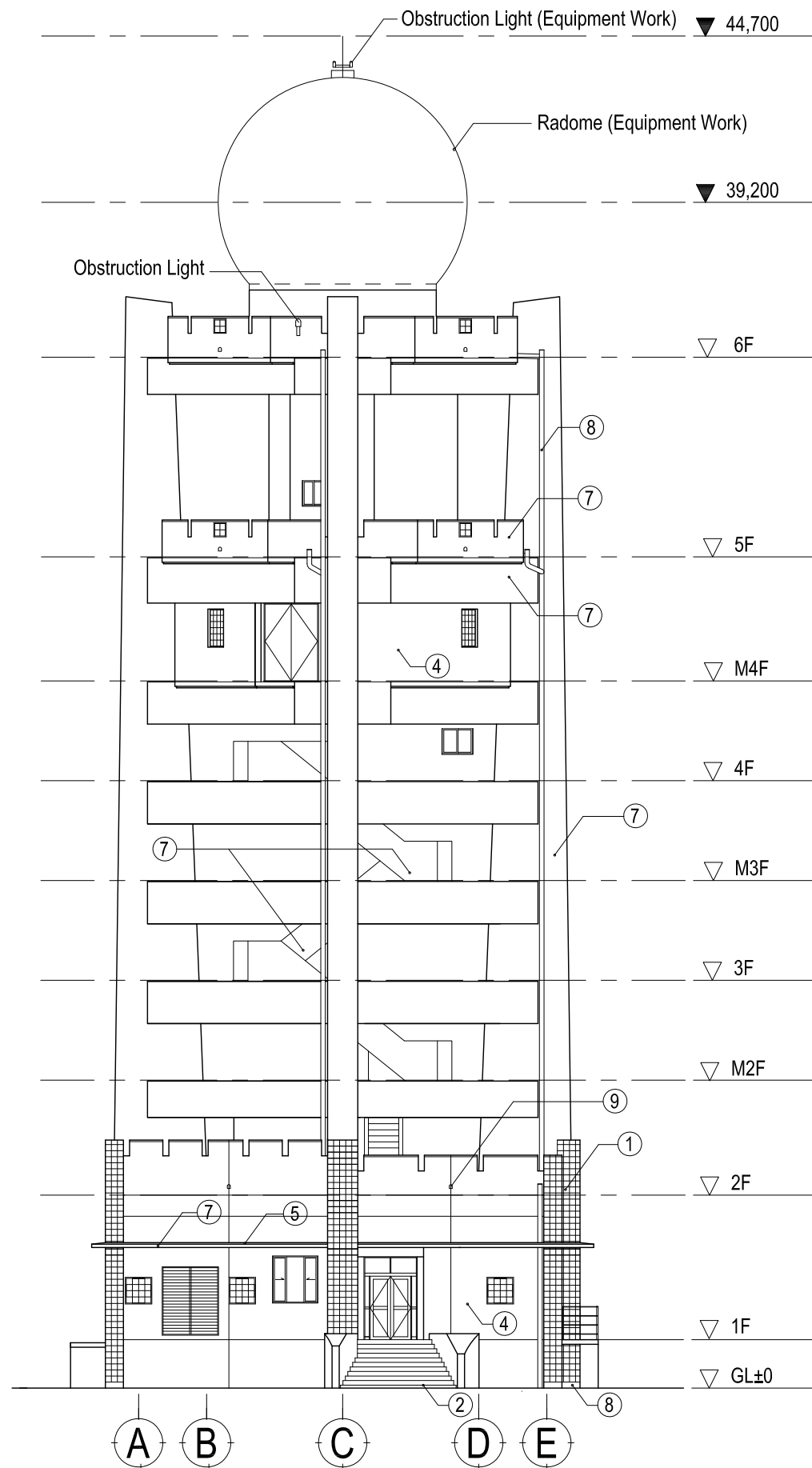


5FL PLAN (OBSERVATION DECK)

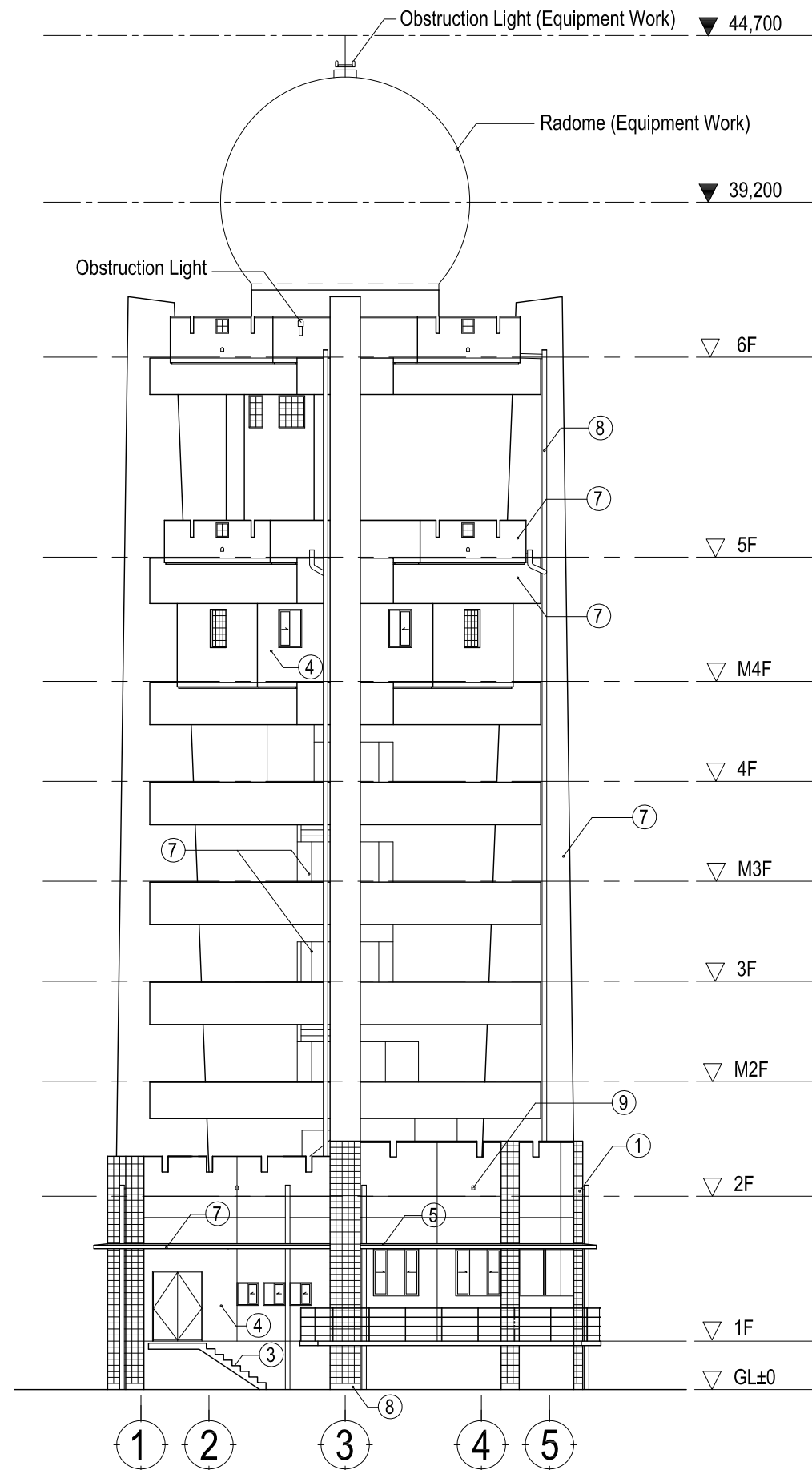


6FL PLAN (RADOME FLOOR)





SOUTH ELEVATION

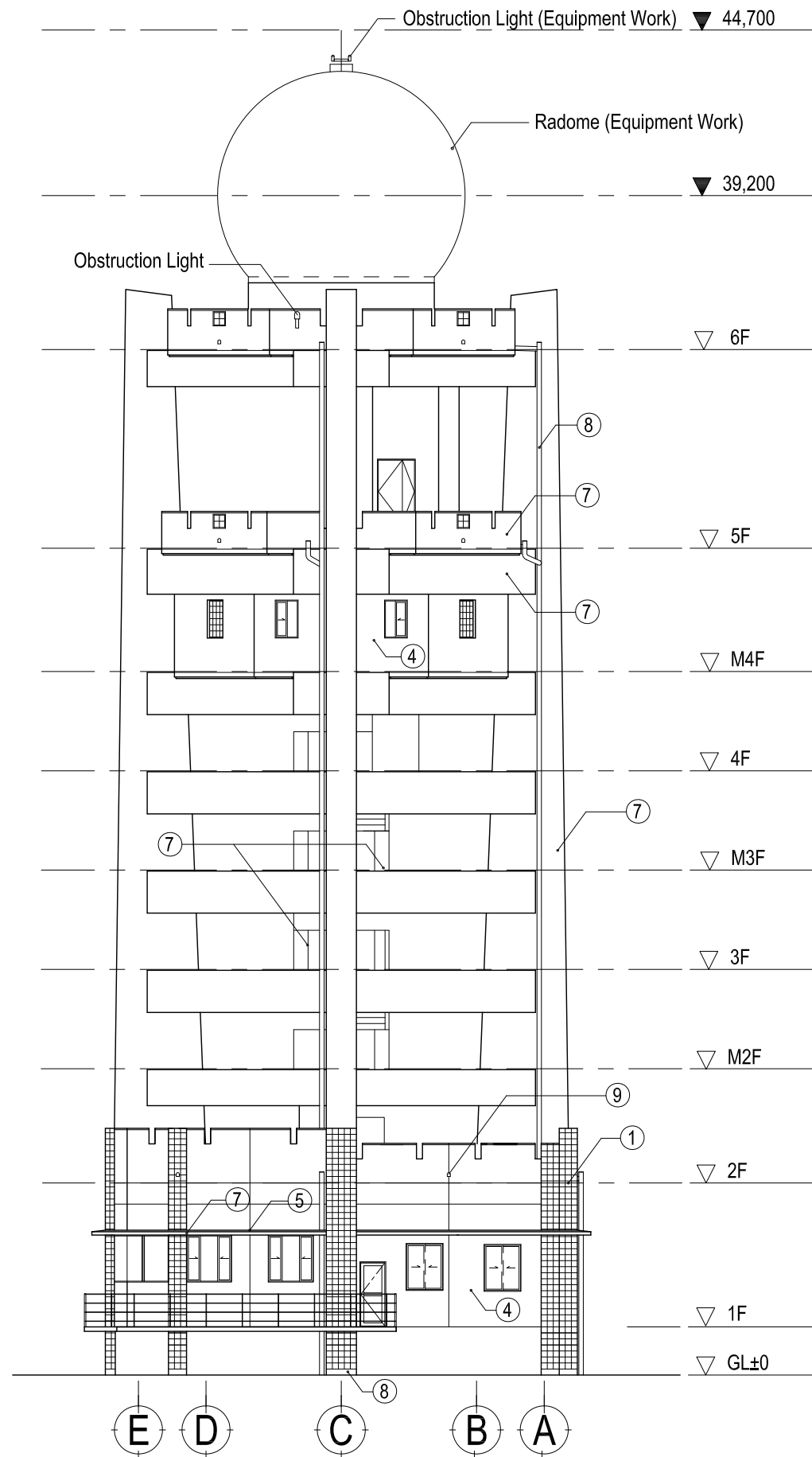


EAST ELEVATION

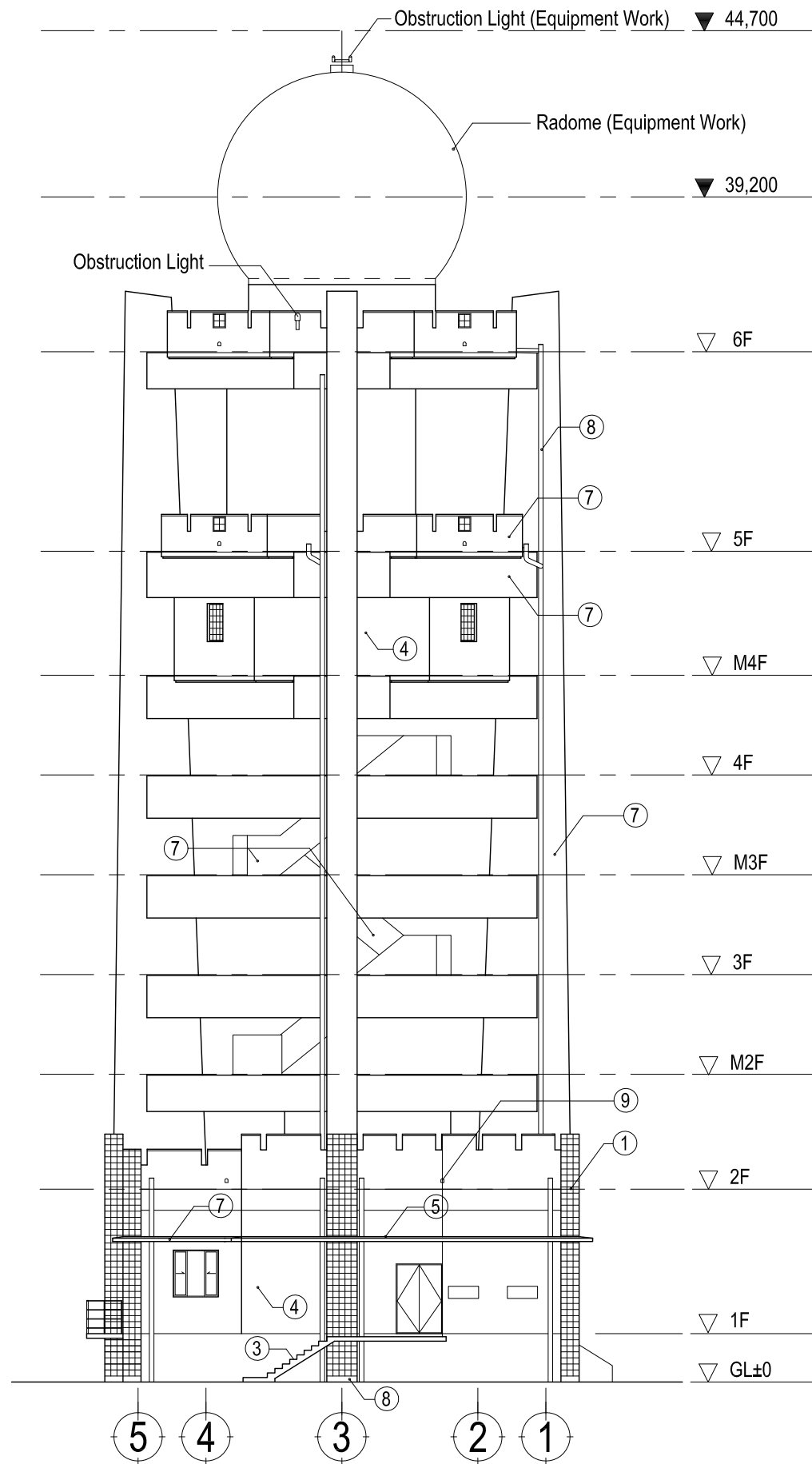
LEGEND

①	Porcelain Tile 100×50
②	Porcelain Tile 200×200
③	C.S.mortar t=30
④	C.S.mortar t=25, Spray Tile
⑤	Waterproof Mortar t=30
⑥	Fair-faced Concrete Mortar Mending, EP
⑦	Fair-faced Concrete Mortar Mending, Spray Tile
⑧	Rain Leader Pipe: Galvanized Steel Pipe 150A Spray Tile
⑨	Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile





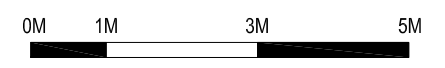
NORTH ELEVATION

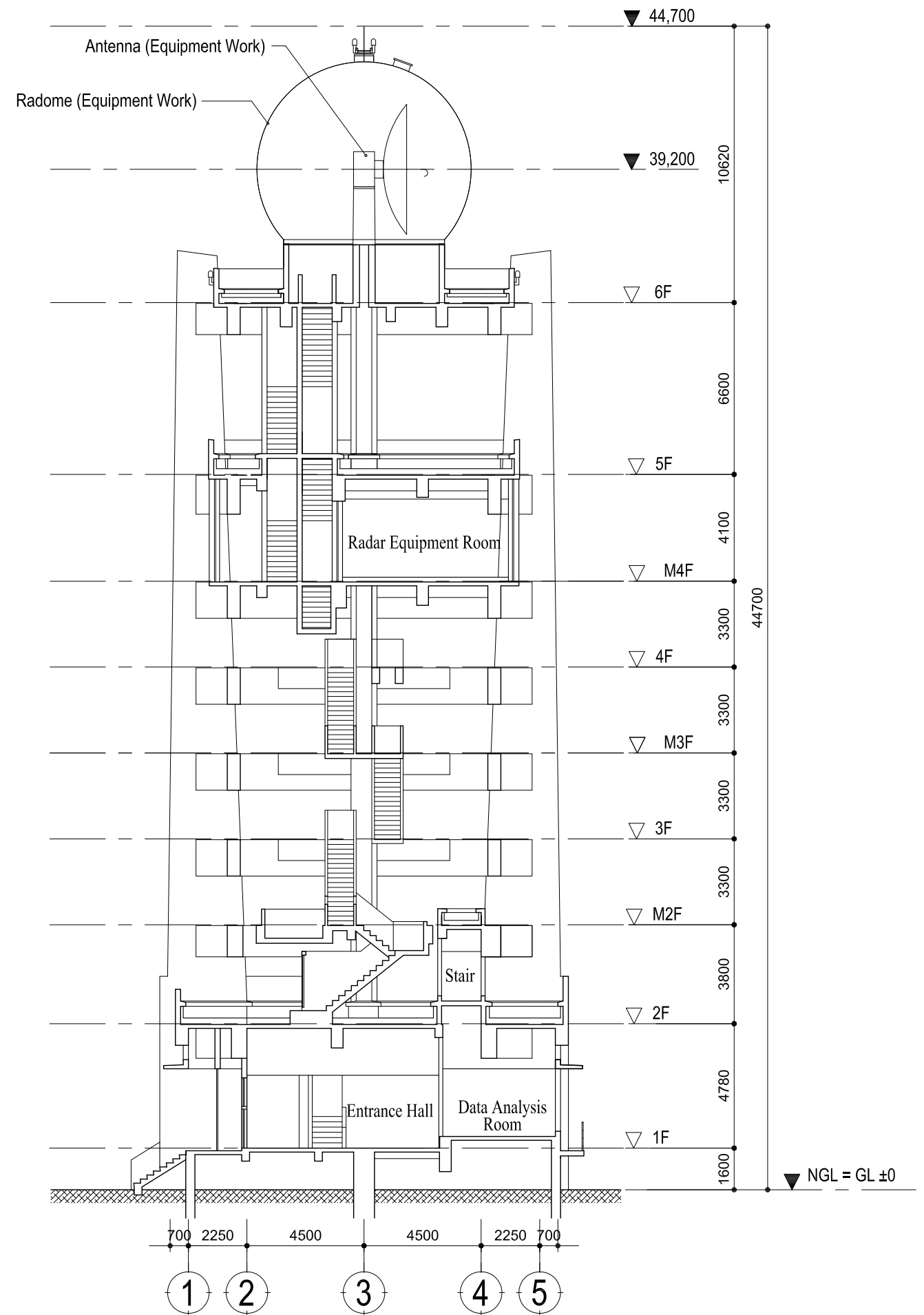
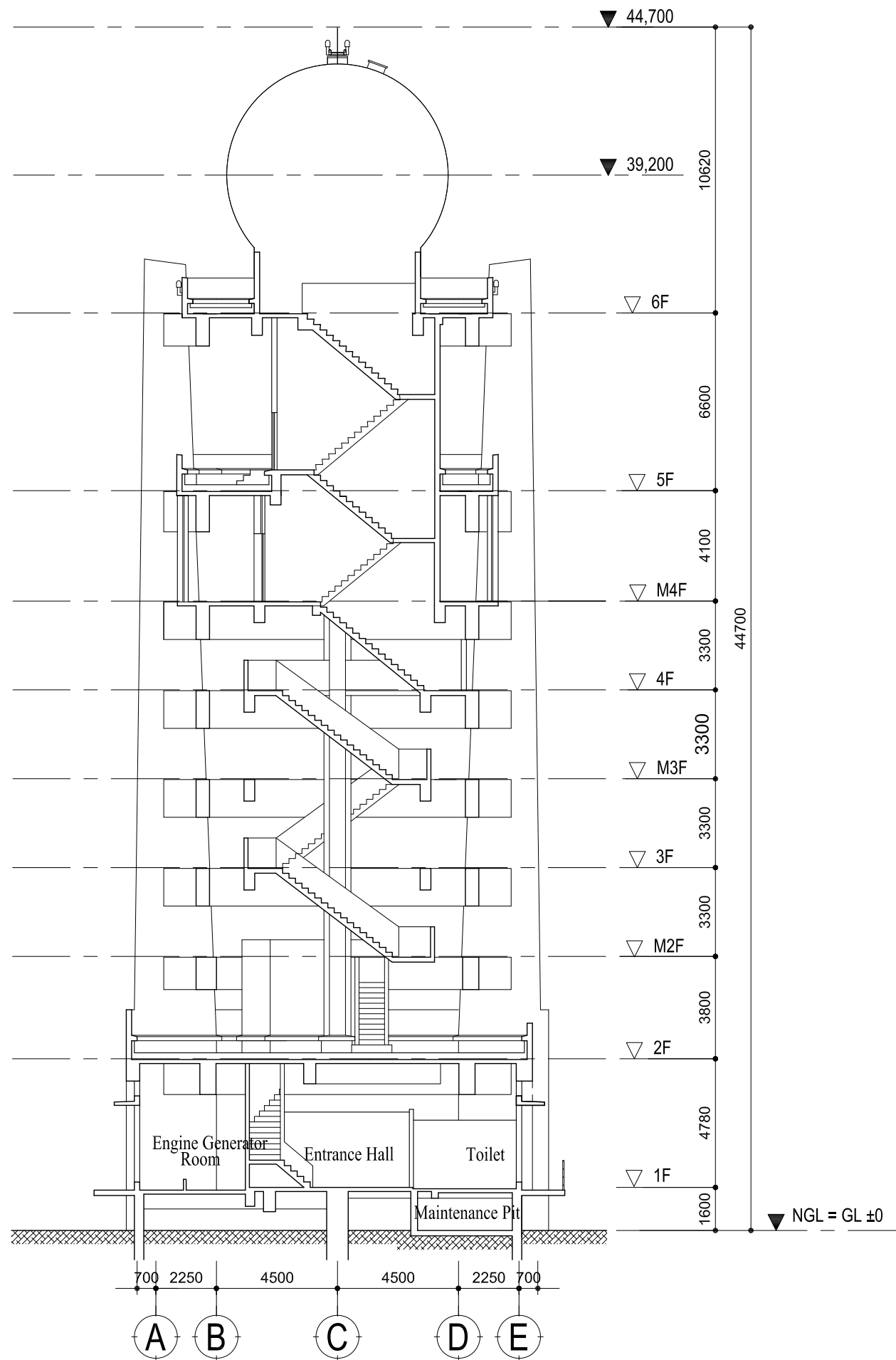


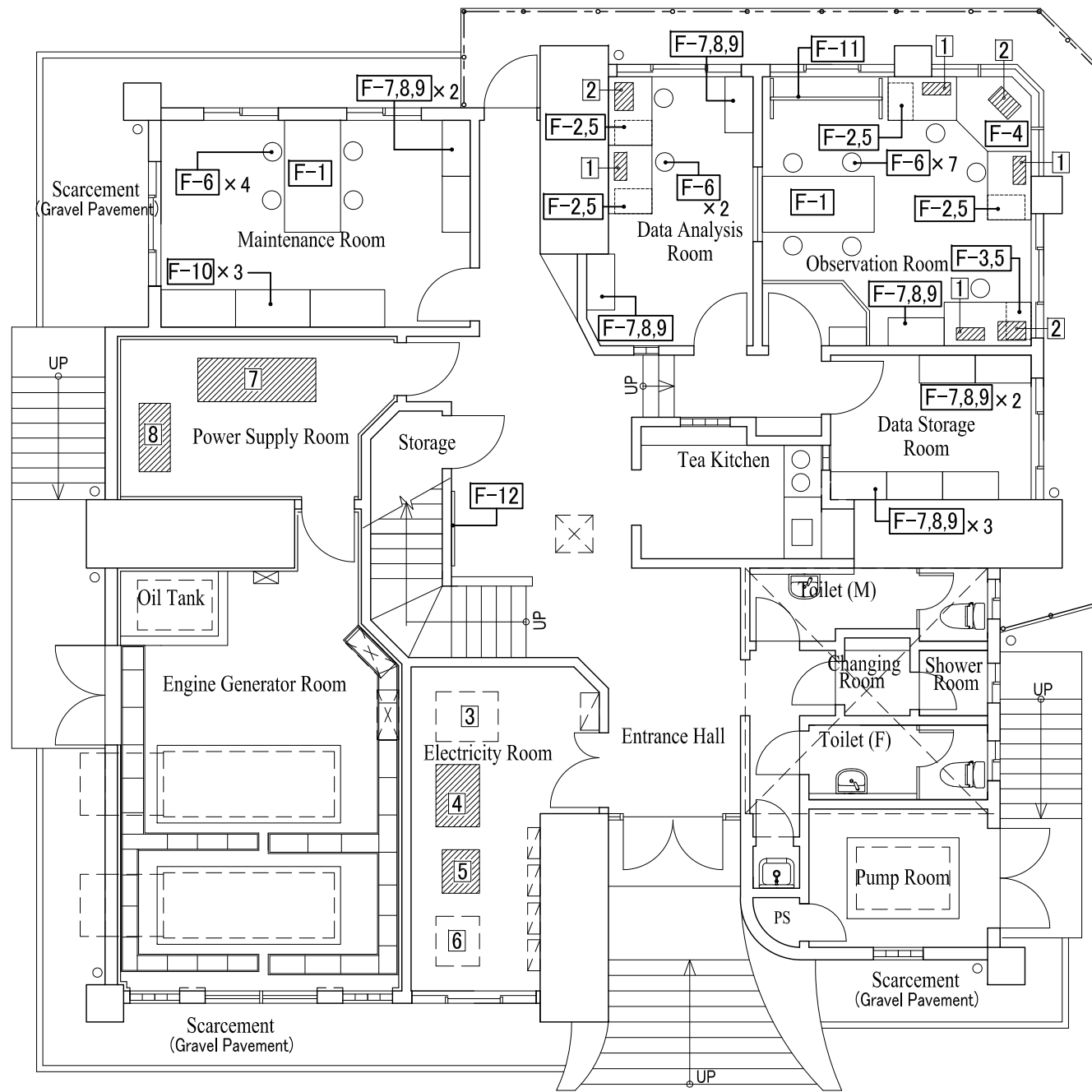
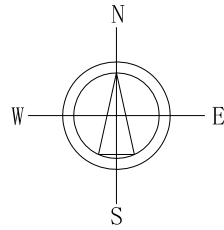
WEST ELEVATION

LEGEND

①	Porcelain Tile 100×50
②	Porcelain Tile 200×200
③	C.S.mortar t=30
④	C.S.mortar t=25, Spray Tile
⑤	Waterproof Mortar t=30
⑥	Fair-faced Concrete Mortal Mending, EP
⑦	Fair-faced Concrete Mortal Mending, Spray Tile
⑧	Rain Leader Pipe: Galvanized Steel Pipe 150A Spray Tile
⑨	Overflow Pipe: Galvanized Steel Pipe 100A, Spray Tile

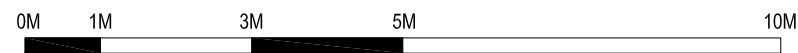


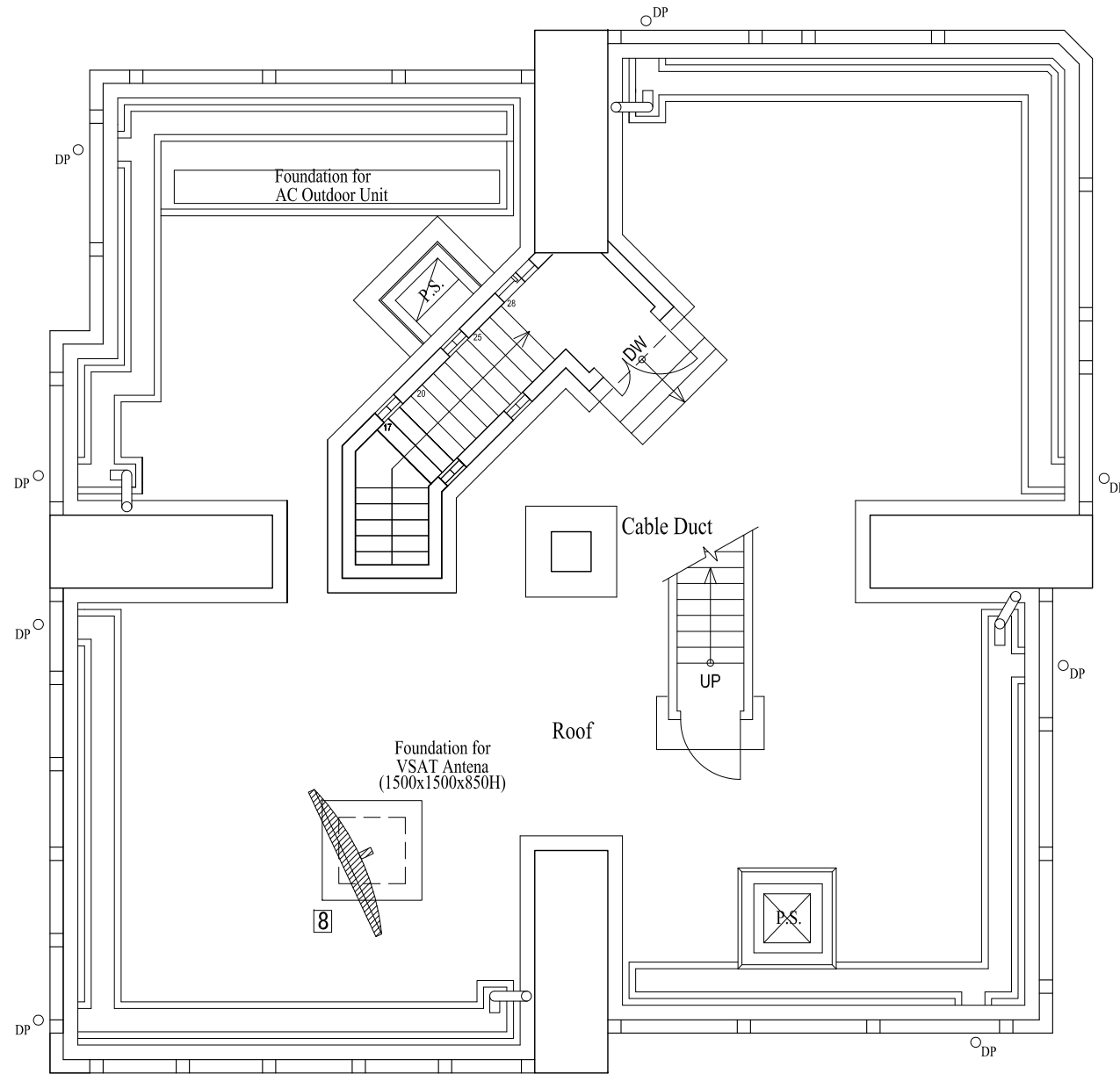
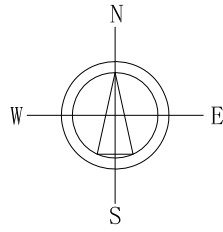




1FL PLAN

- | | |
|-------------------------------|---------------------------------|
| EQUIPMENT (EQUIPMENT WORK) | |
| 1 | Indicator |
| 2 | Color Printer |
| 4 | Radar AVR |
| 5 | Isolation Transformer |
| 7 | Power Supply Capacitor |
| 8 | Emergency Power Backup Unit |
| EQUIPMENT (CONSTRUCTION WORK) | |
| 3 | AVR |
| 6 | Isolation Transformer |
| FURNITURE (CONSTRUCTION WORK) | |
| F-1 | Meeting Table |
| F-2 | Pedestal Desk (D700×W1100) |
| F-3 | Pedestal Desk (D700×W1400) |
| F-4 | Five-sided Corner Desk |
| F-5 | Drawer Unit with Casters |
| F-6 | Chair |
| F-7 | Lateral Filling Cabinet |
| F-8 | Cabinet with Double Hinged Door |
| F-9 | Top Panel |
| F-10 | Shelf with Double Hinged Door |
| F-11 | White Board (Movable Type) |
| F-12 | Pin Board (Wall Mounted Type) |





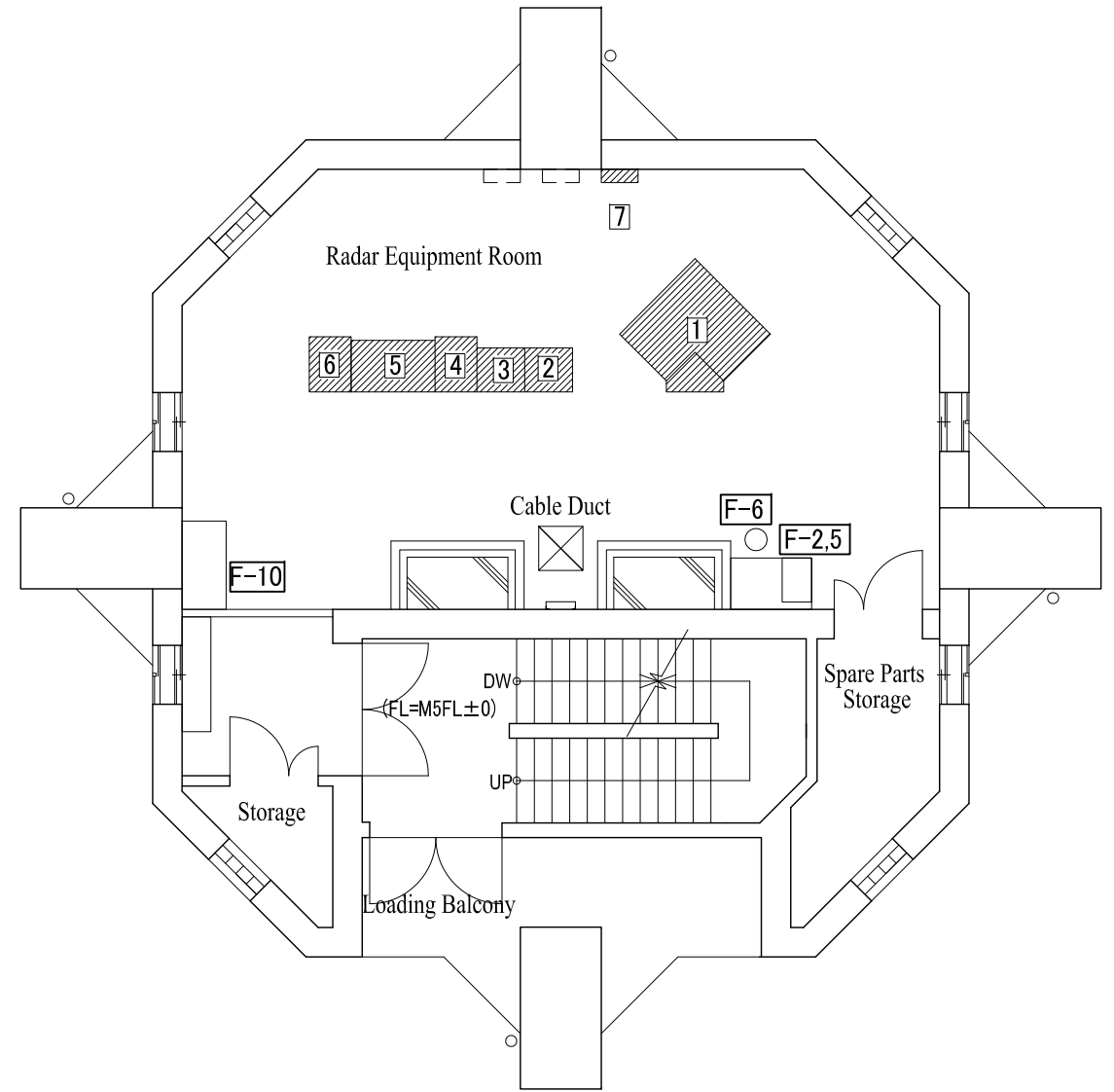
2FL PLAN

FURNITURE (CONSTRUCTION WORK)

- F-2 Pedestal Desk (D700×W1100)
- F-5 Drawer Unit with Casters
- F-6 Chair
- F-10 Shelf with Double Hinged Door

EQUIPMANT (EQUIPMENT WORK)

- 1 Transmitter
- 2 DRSP
- 3 Antenna Controller & Dehydrator
- 4 Data & Protocol Converter
- 5 Radar TASK Controller
- 6 VSAT In-Door Unit (IDU)
- 7 Radar Power Maintenance Panel
- 8 VSAT Antenna



M4FL PLAN

