



DESIGN DOCUMENTATION DRAWING

Deliverable #2
July 1st



National Chiao Tung University

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GE-001 COVER SHEET



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Note:

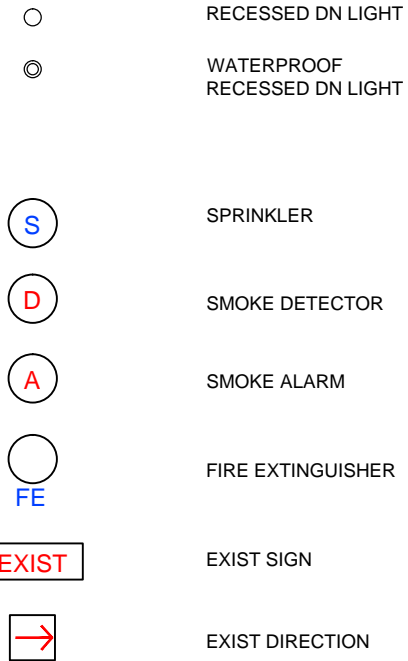
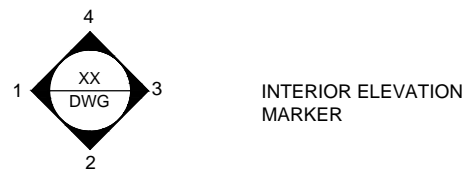
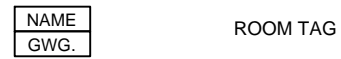
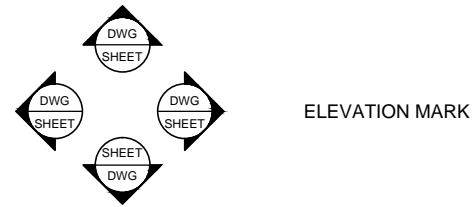
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DN	2013/07/01	DDc Submission

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DWG. Title SHEET LIST

DWG. No. GE-101

GENERAL SYMBOLS



Mark	Date	Description
DN	2013/04/01	SD Submission
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GENERAL ABBREVIATIONS

Pound: OR Number
 &: And
 @: At
 ACT: Acoustic Ceiling Tile
 AD: Area Drain
 AFF: Above Finished Floor
 ALUM: Aluminum
 ANOD: Anodized
 BSMT: Basement
 BYND: Beyond
 BOT: Bottom
 CIP: Cast In Place
 CHNL: Channel
 CJ: Control Joint
 CLG: Ceiling
 CLR: Clear
 CMU: Concrete Masonry Unit
 COL: Column
 COMPR: Compressible
 CONC: Concrete
 CONT: Continuous
 CPT: Carpet
 CT: Ceramic Tile
 CTYD: Courtyard
 DBL: Double
 DEMO: Demolish or Demolition
 DIA: Diameter
 DIM: Dimension
 DIMS: Dimensions
 DN: Down
 DR: Door
 DWG: Drawing
 EA: Each
 EJ: Expansion Joint
 EL: Elevation
 ELEC: Electrical
 ELEV: Elevator or Elevation
 EPDM: Ethylene Propylene Diene M-Class (Roofing)
 EQ: Equal
 EXIST: Existing
 EXP JT: Expansion Joint
 EXT: Exterior
 FD: Floor Drain or Fire Department
 FEC: Fire Extinguisher Cabinet
 FIXT: Fixture
 FLR: Floor
 FM: Filled Metal
 FO: Face Of
 FND: Foundation
 GA: Gauge
 GALV: Galvanized
 GWB: Gypsum Wall Board
 HC: Hollow Core
 HI: High
 HM: Hollow Metal
 HP: High Point
 HR: Hour
 HVAC: Heating, Ventilating, And Air Conditioning
 IRGWB: Impact Resistant Gypsum Wall Board
 ILO: In Lieu Of
 INSUL: Insulated or Insulation
 INT: Interior
 LO: Low

MAX: Maximum
 MO: Masonry Opening
 MECH: Mechanical
 MEMBR: Membrane
 MIN: Minimum
 MRGWB: Moisture-Resistant Gypsum Wall Board
 MTL: Metal
 NIC: Not In Contract
 NO: Number
 NOM: Nominal
 OC: On Center
 OH: Opposite Hand
 OZ: Ounce
 PCC: Pre-Cast Concrete
 PLUMB: Plumbing
 PLYD: Plywood
 PT: Pressure Treated
 PNT: Paint or Painted
 PVC: Polyvinyl Chloride
 RBR: Rubber
 RCP: Reflected Ceiling Plan
 RD: Roof Drain
 REQD: Required
 RM: Room
 SIM: Similar
 SPEC: Specified OR Specification
 SPK: Sprinkler or Speaker
 SSSL: Stainless Steel
 STC: Sound Transmission Coefficient
 STL: Steel
 STRUCT: Structure or Structural
 T&G: Tongue And Groove
 TELE: Telephone
 TLT: Toilet
 TO: Top Of
 TOC: Top Of Concrete
 TOS: Top Of Steel
 TPD: Toilet Paper Dispenser
 T/D: Telephone/Data
 TYP: Typical
 UNO: Unless Noted Otherwise
 U/S: Underside
 VIF: Verify In Field
 VP: Vision Panel
 W/: With
 WD: Wood



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GENERAL ABBREVIATIONS

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GE-301

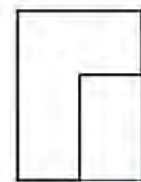


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EXTERIOR RENDERINGS
VIEW FROM SOUTH EAST

DWG. No.
GE-401



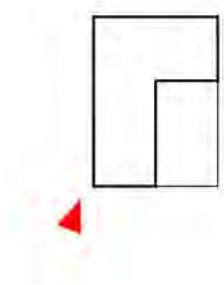


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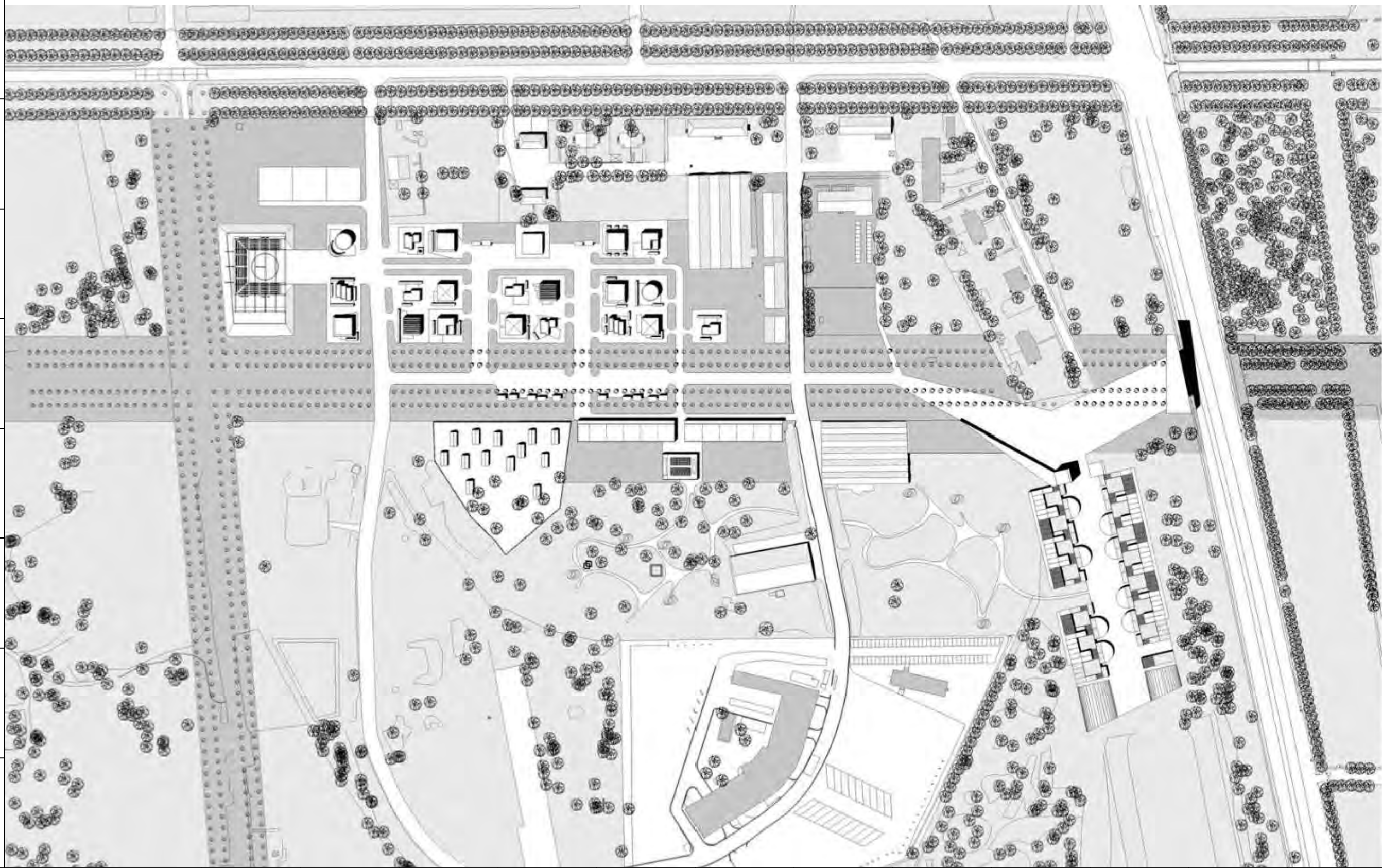
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EXTERIOR RENDERINGS
VIEW FROM SOUTH WEST

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GE-402



T.B.D.

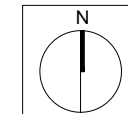
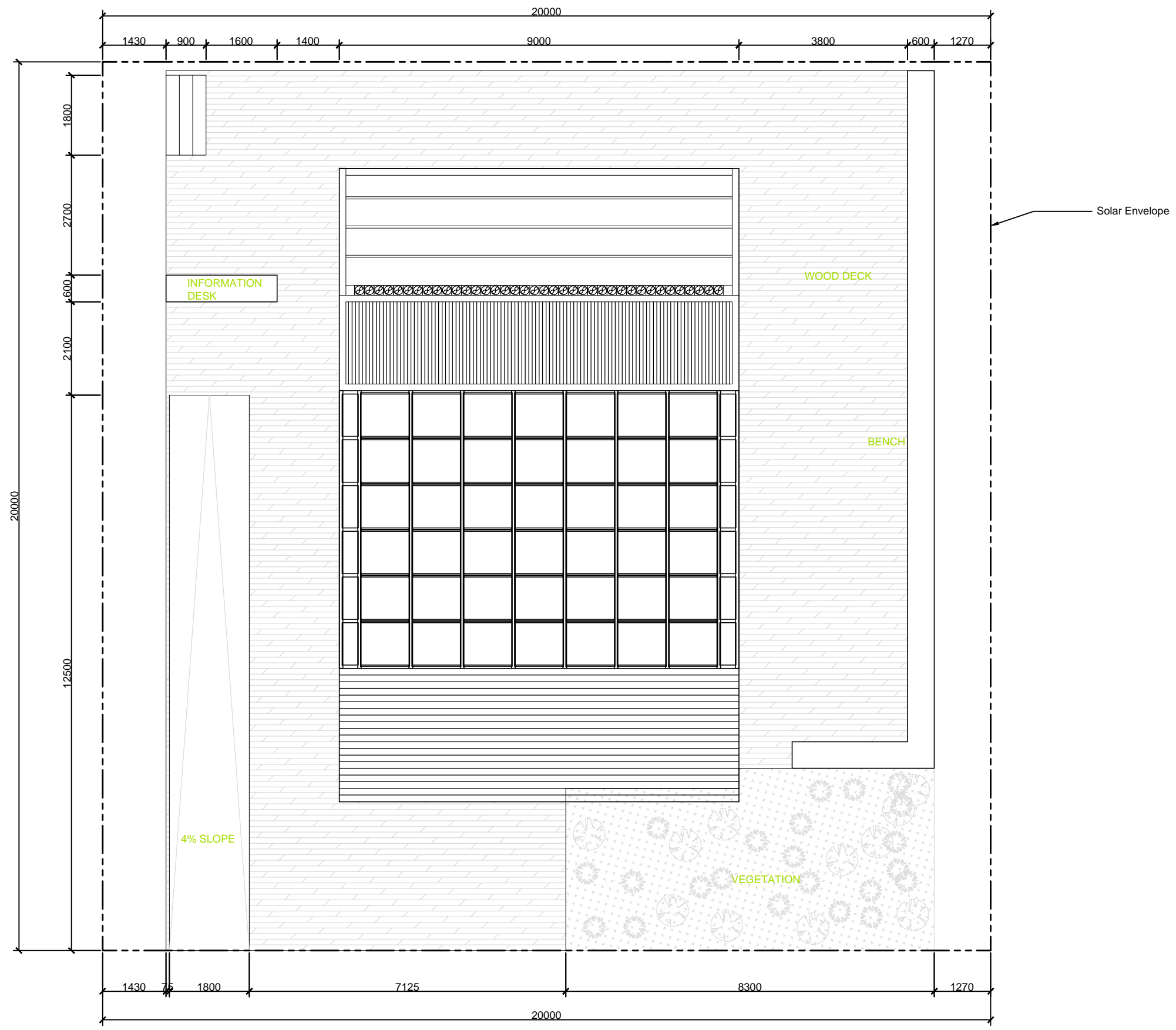


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SOLAR VILLAGE PLAN

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AR-001

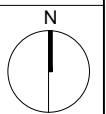
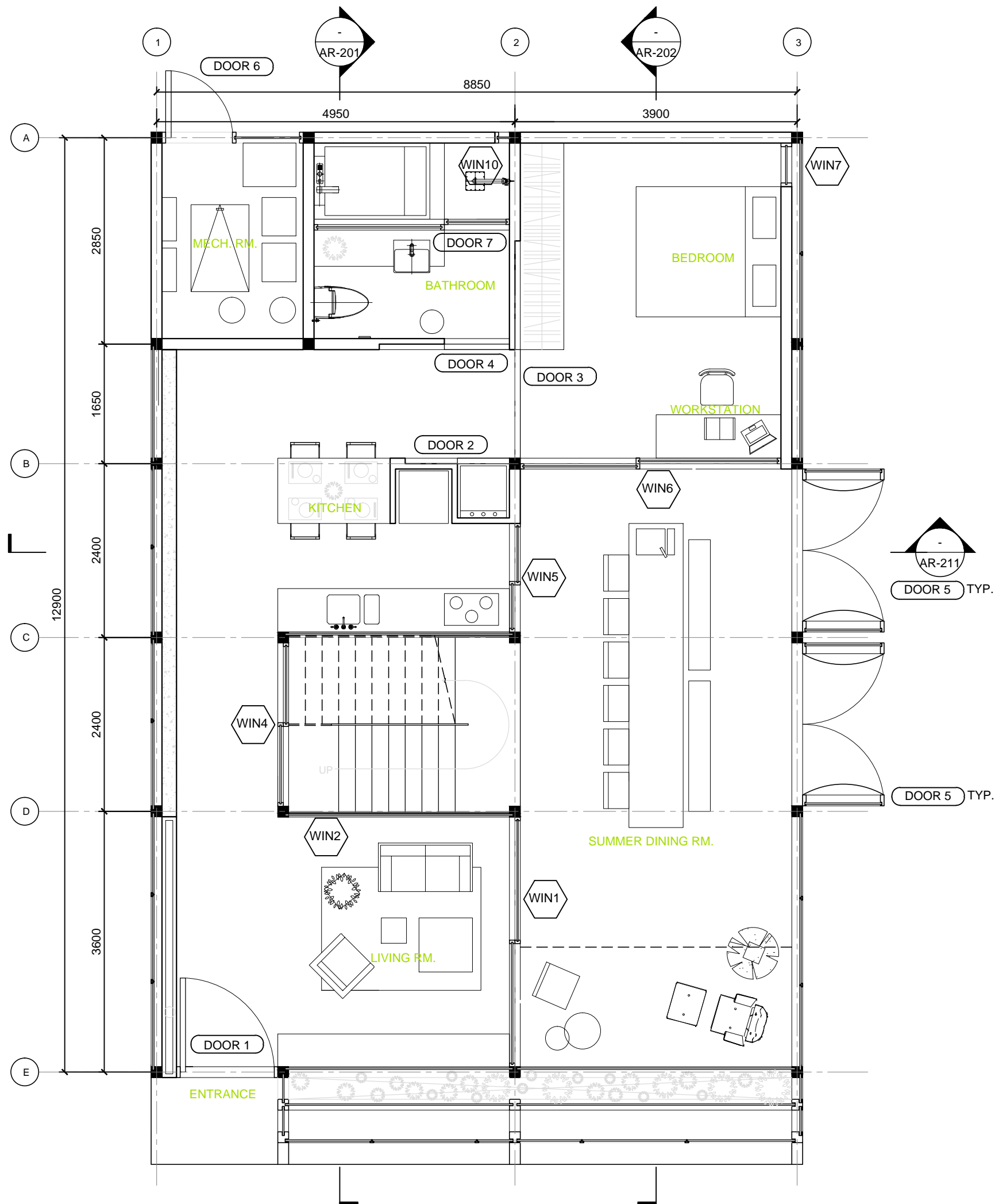


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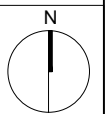
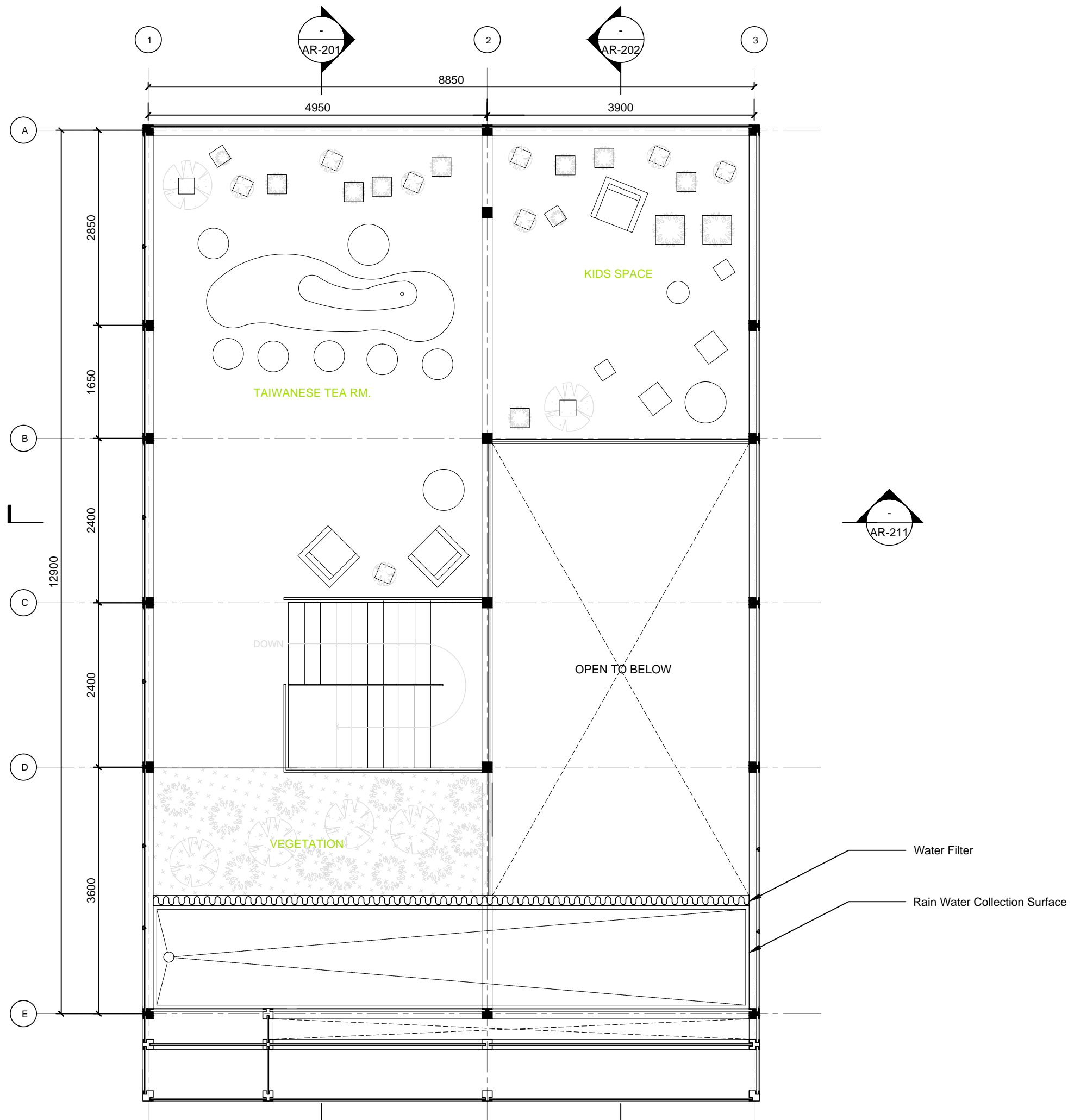
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SITE PLAN

DWG. No.
AR-011



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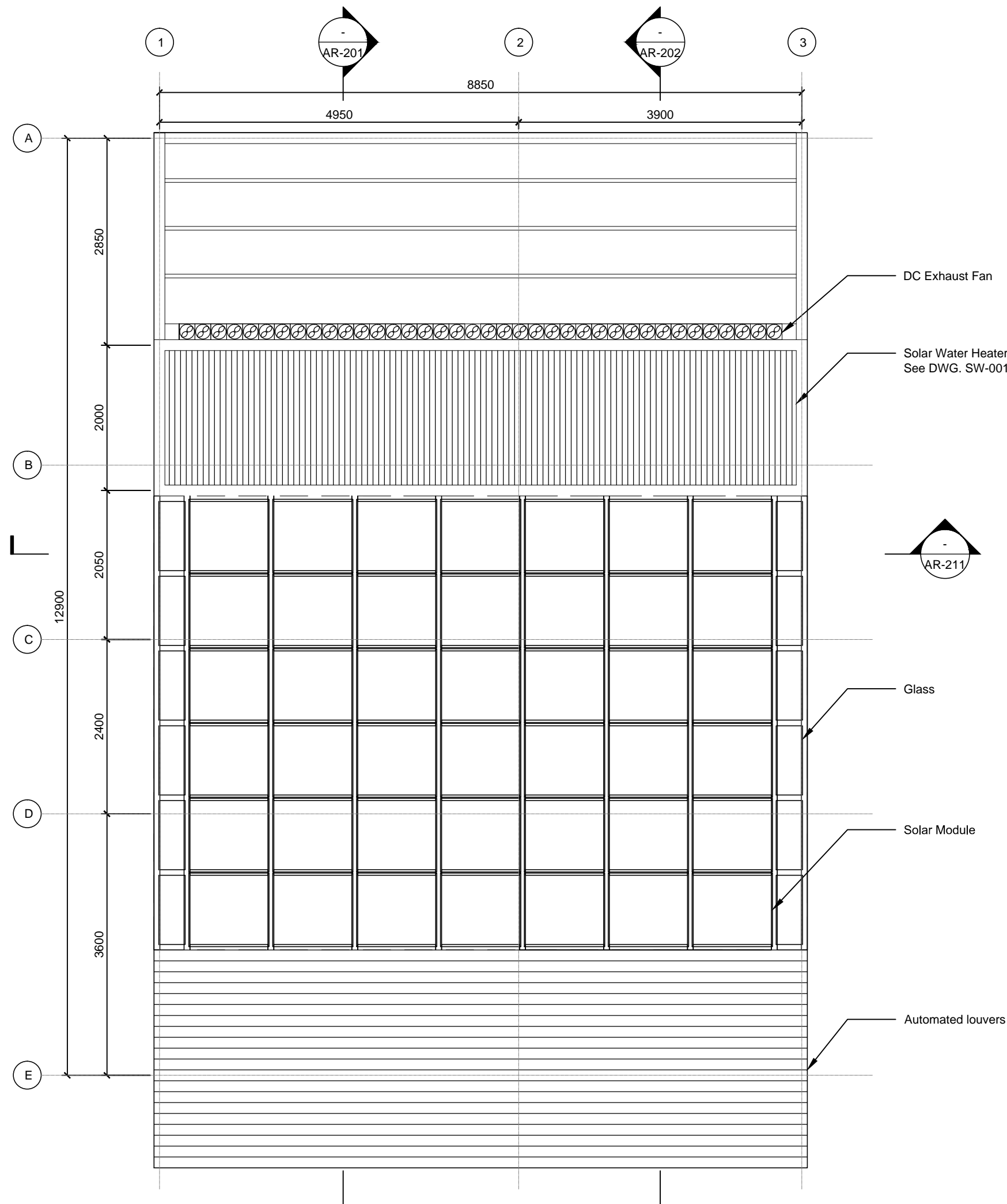


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DN	2013/07/01	DDc Submission

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MEZZANINE LEVEL PLAN

DWG. No.
AR-022

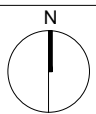


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DN	2013/07/01	DDc Submission

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DWG. Title
ROOF LEVEL PLAN

DWG. No.
AR-031

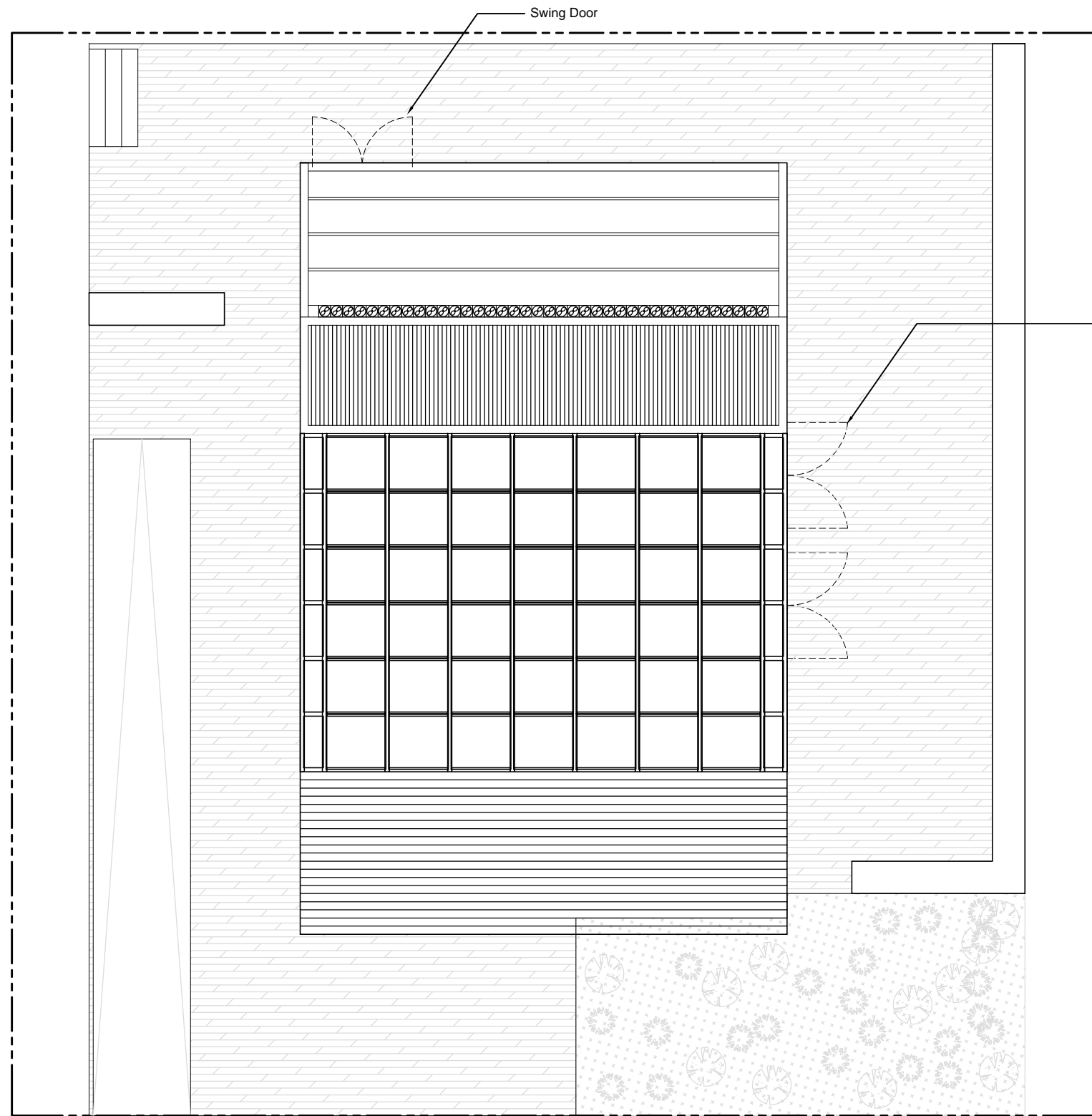


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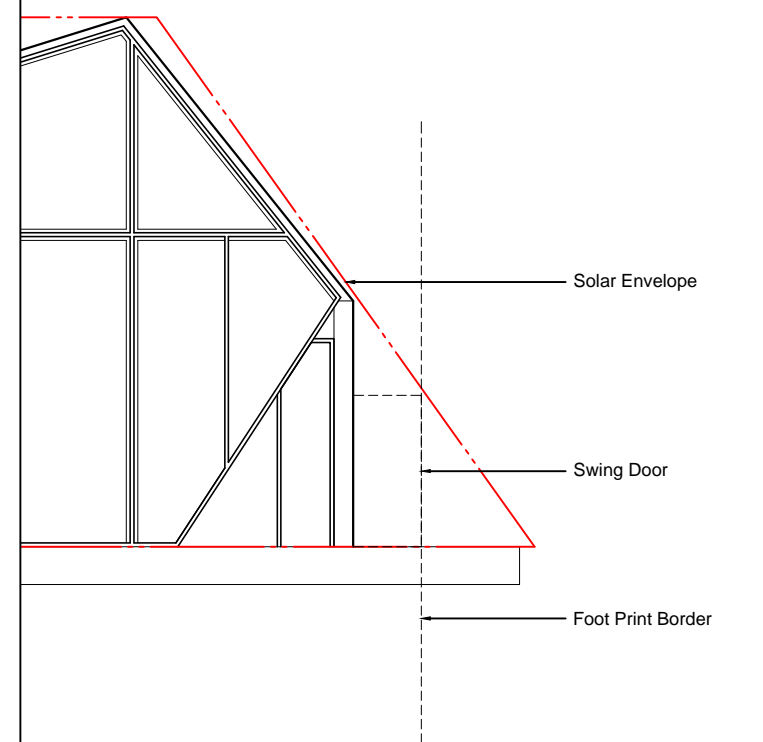
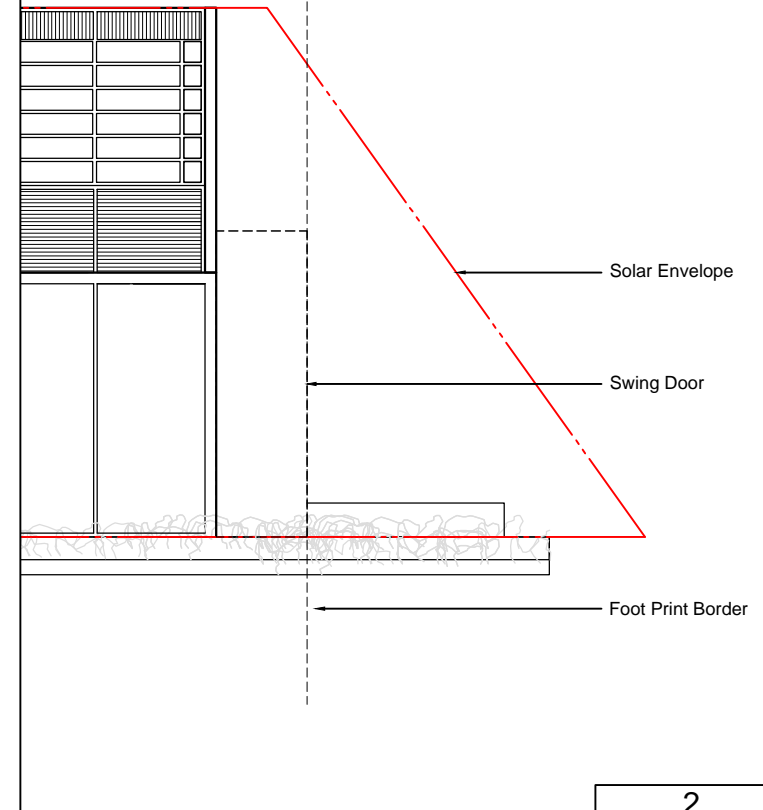
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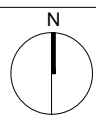
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RECONFIGURABLE FEATURES

DWG. No.
AR-041

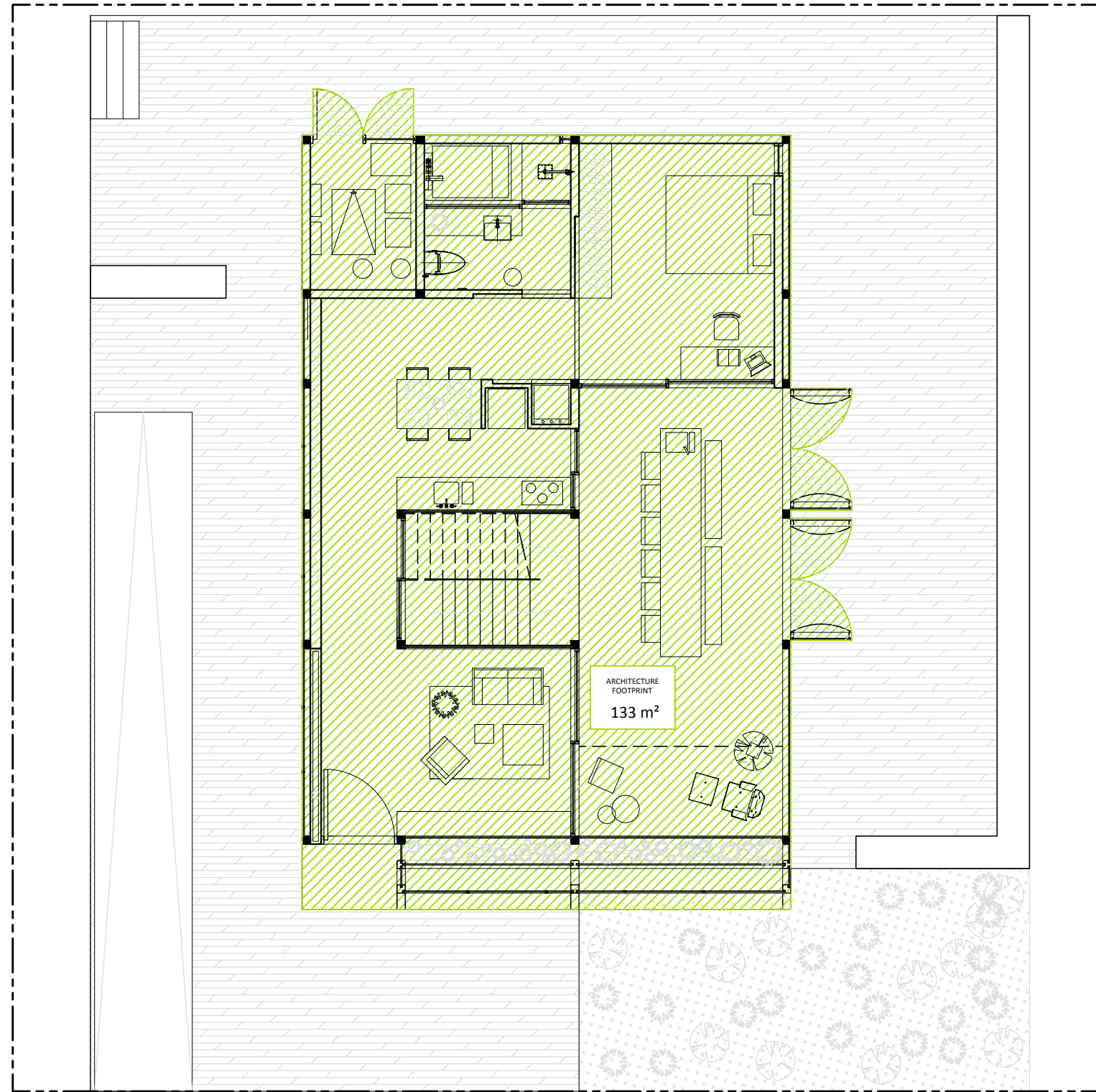


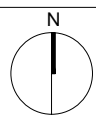
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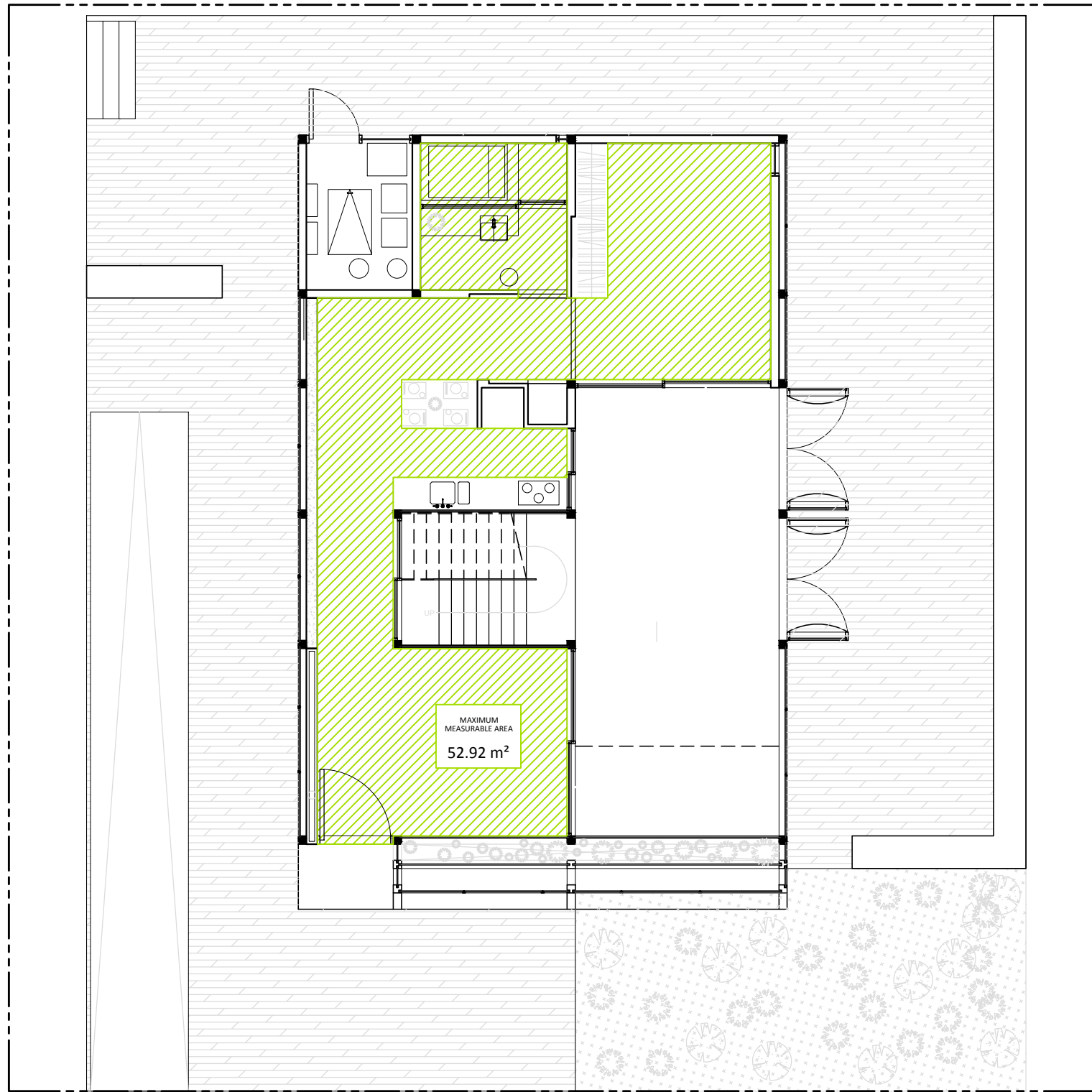


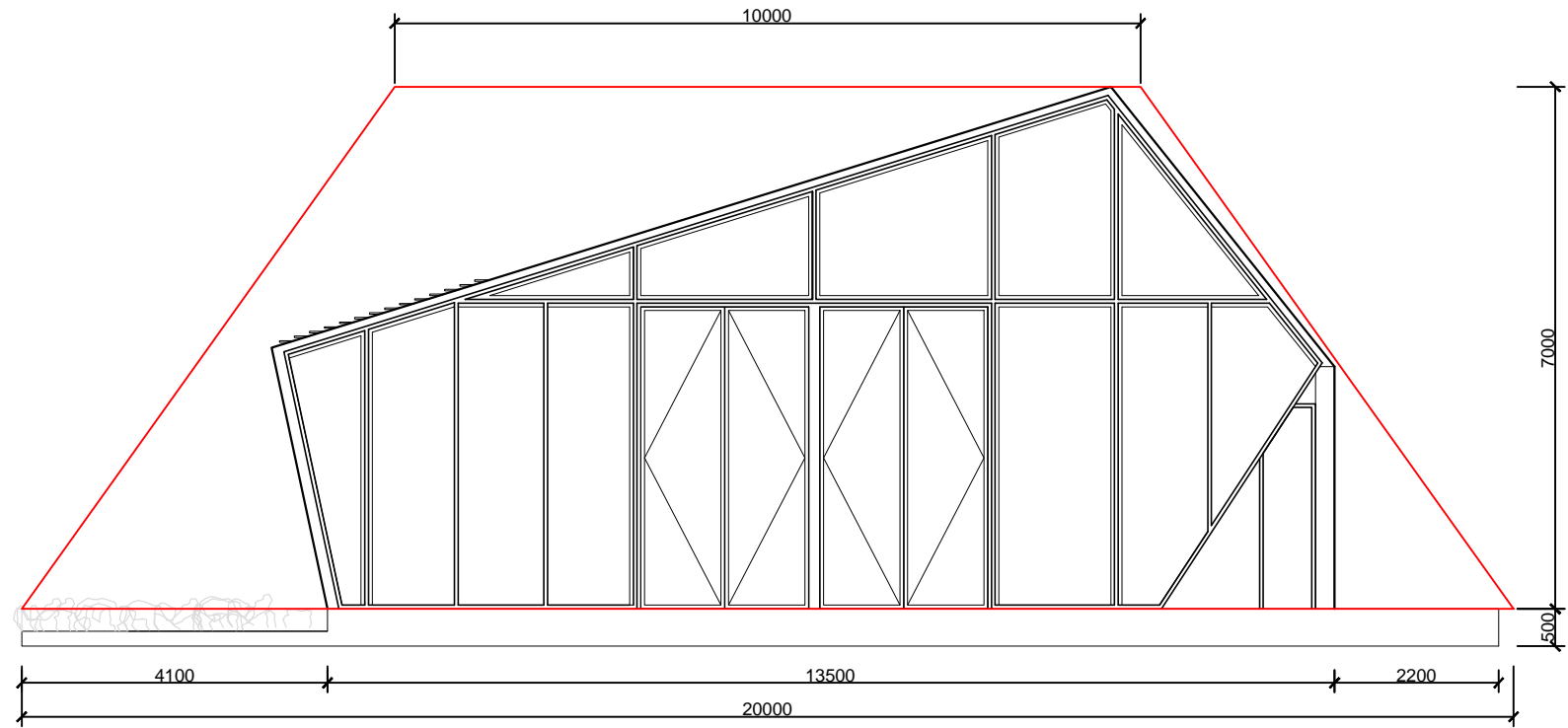
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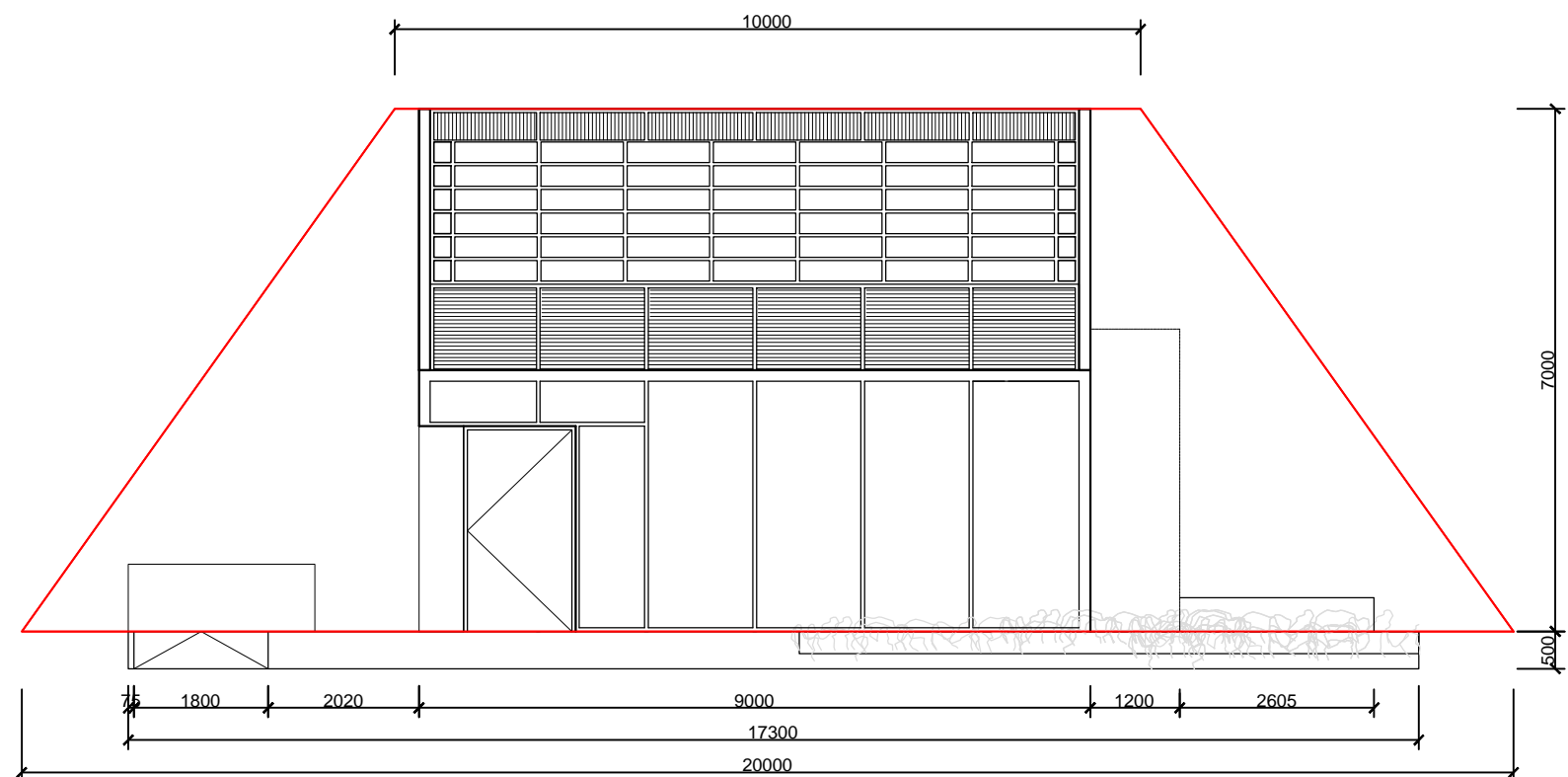
DWG. Title
MAXIMUM MEASURABLE AREA

DWG. No.
AR-052





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DWG. Title
SITE ELEVATION

DWG. No.
AR-101

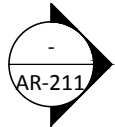
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DN	2013/07/01	DDc Submission

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Checked by	DN
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DWG. Title	EAST ELEVATION
DWG. No.	AR-111



E D C B A

3600 2400 2400 4500 12900

T.O. ROOF
EL +7500

3750

T.O. MEZZANINE
EL +3750

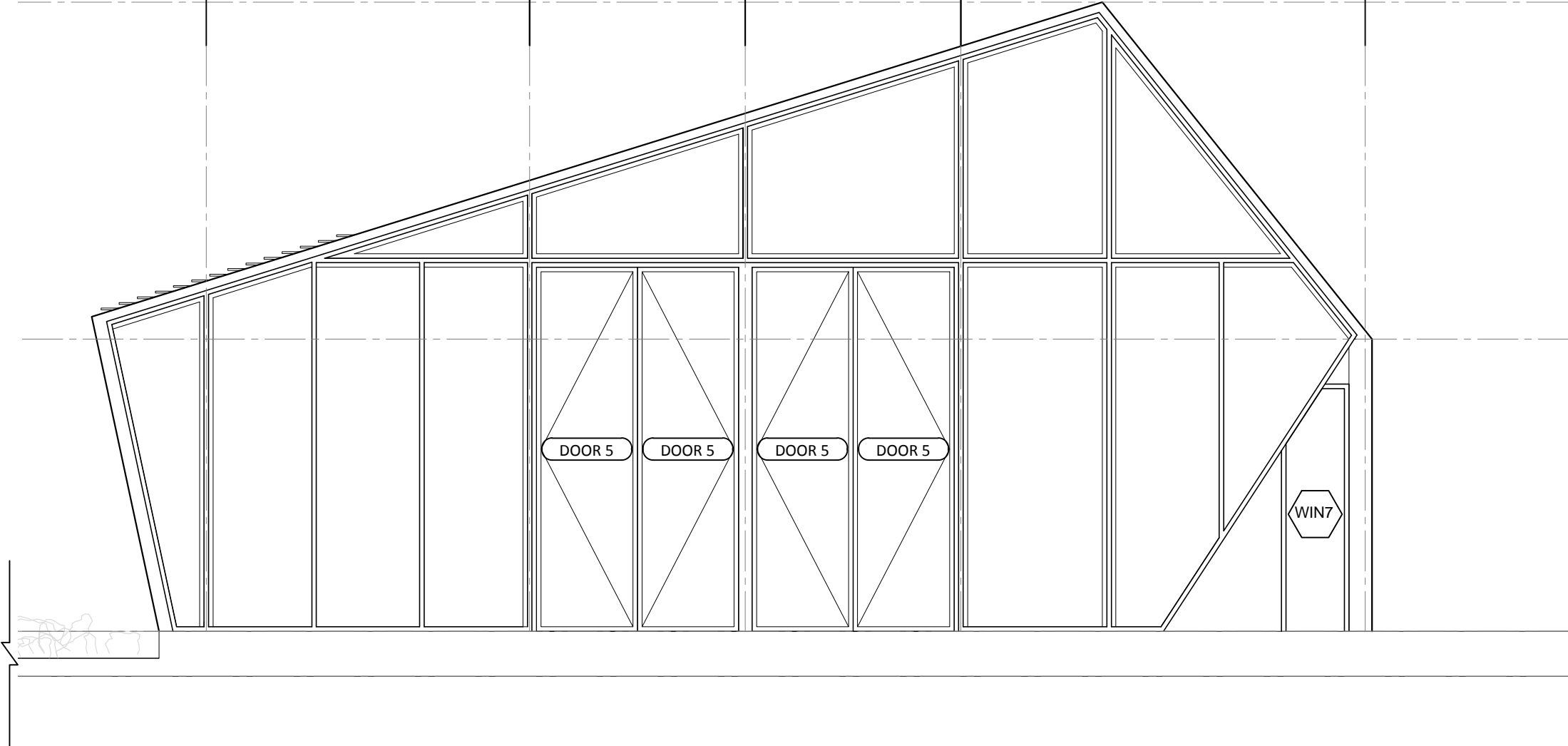
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T.O. FL
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GL
EL ± 0



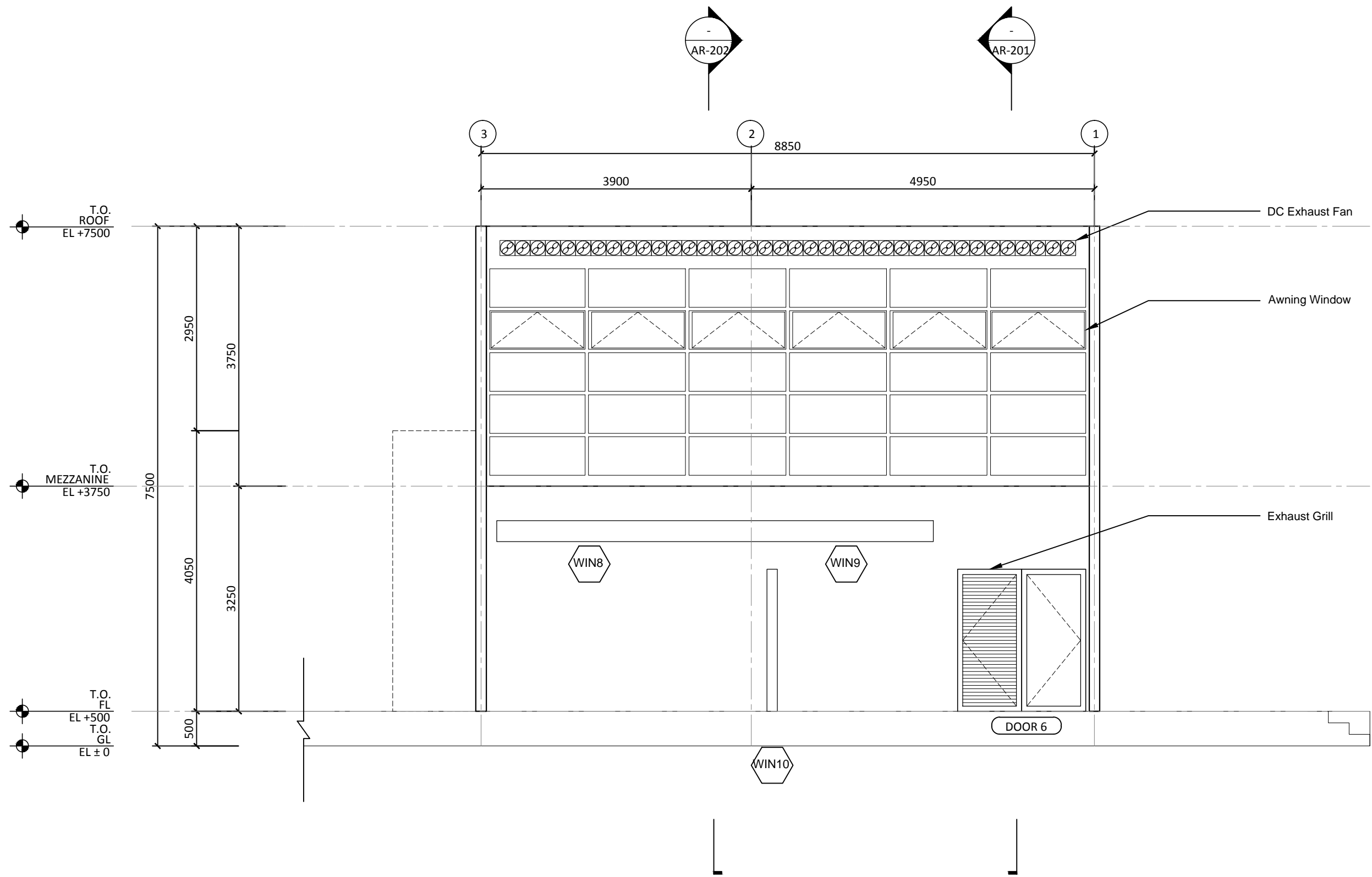


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NORTH ELEVATION

DWG. No.
AR-112



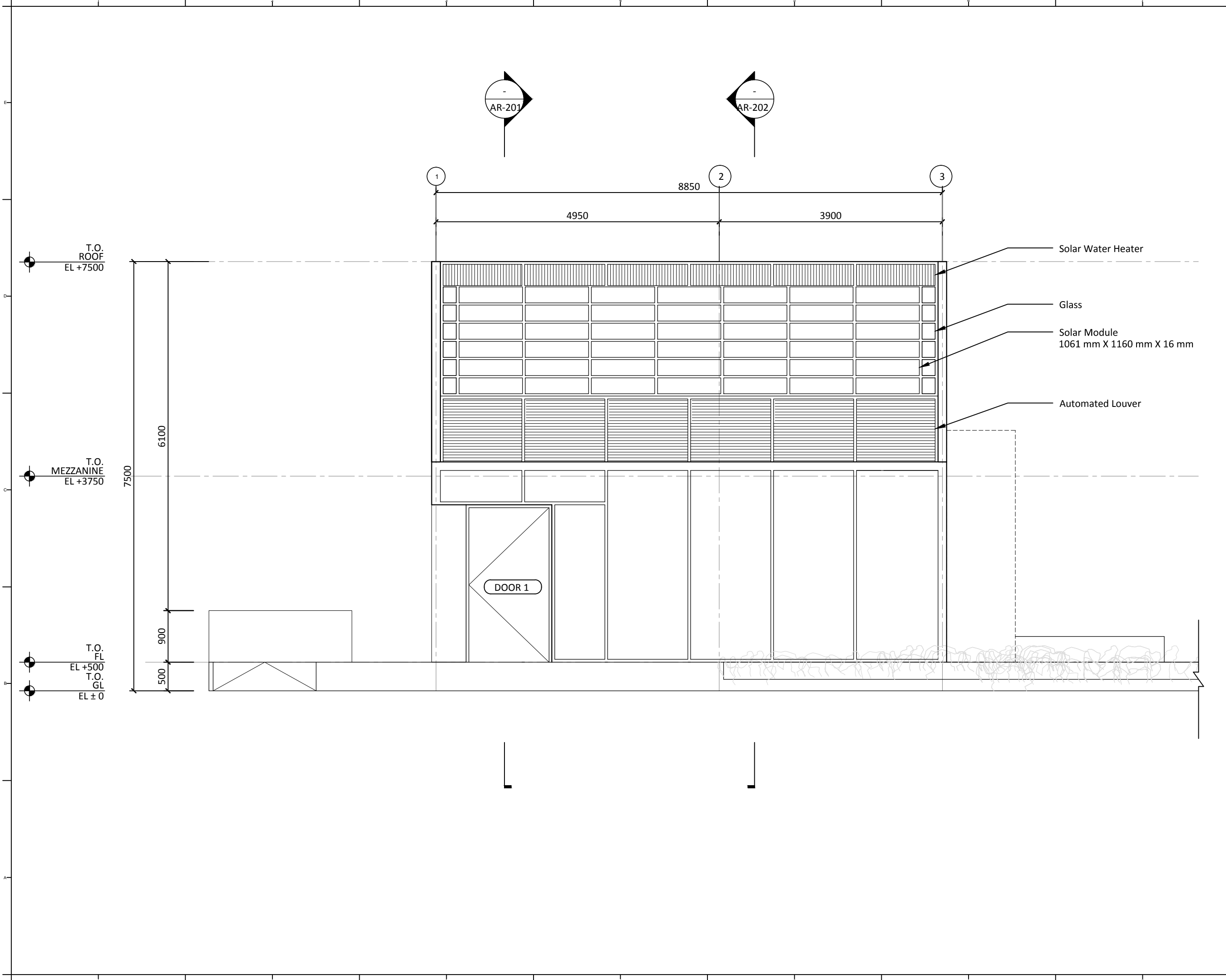


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SOUTH ELEVATION

DWG. No.
AR-113



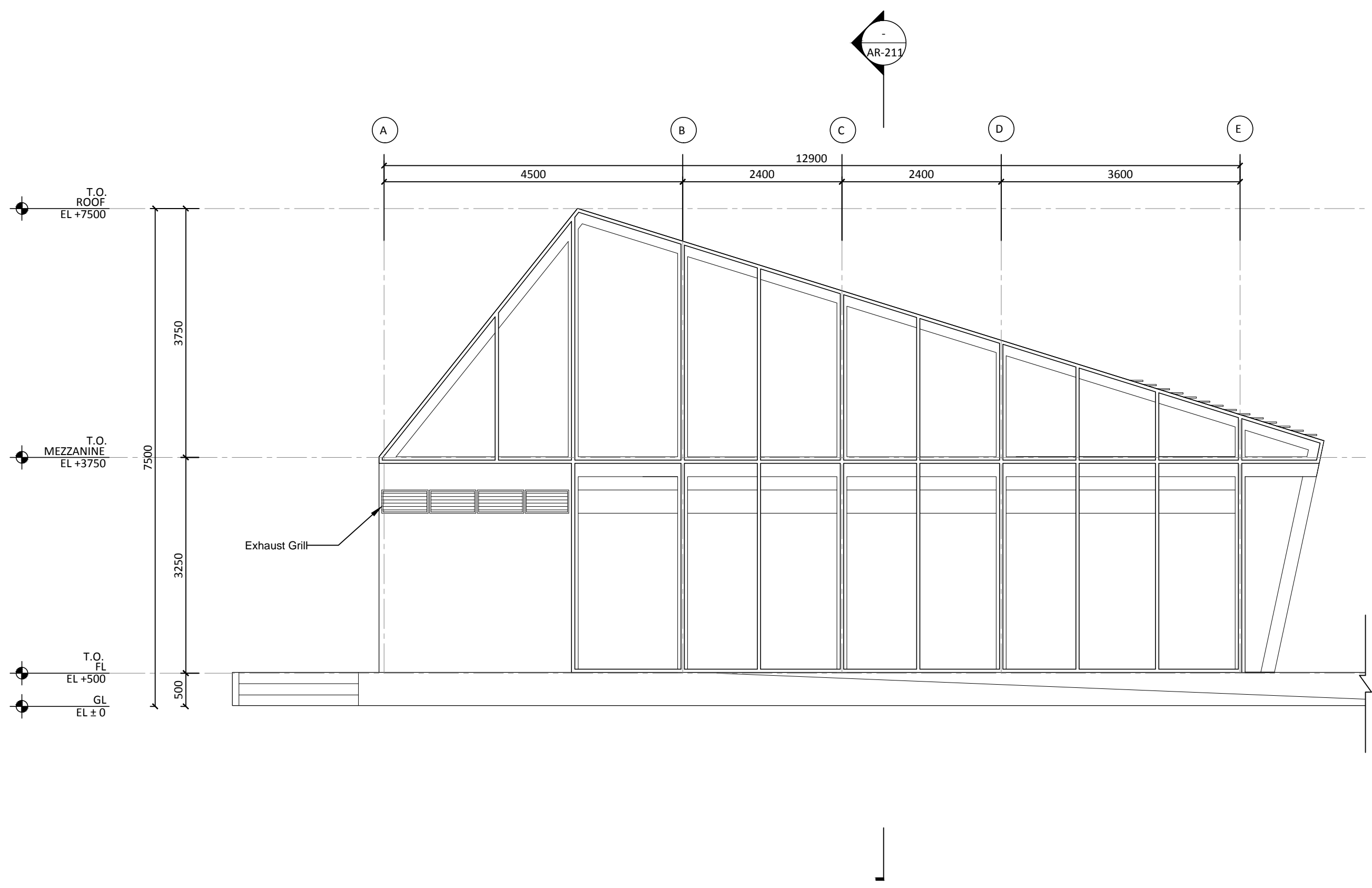


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WEST ELEVATION

DWG. No.
AR-114



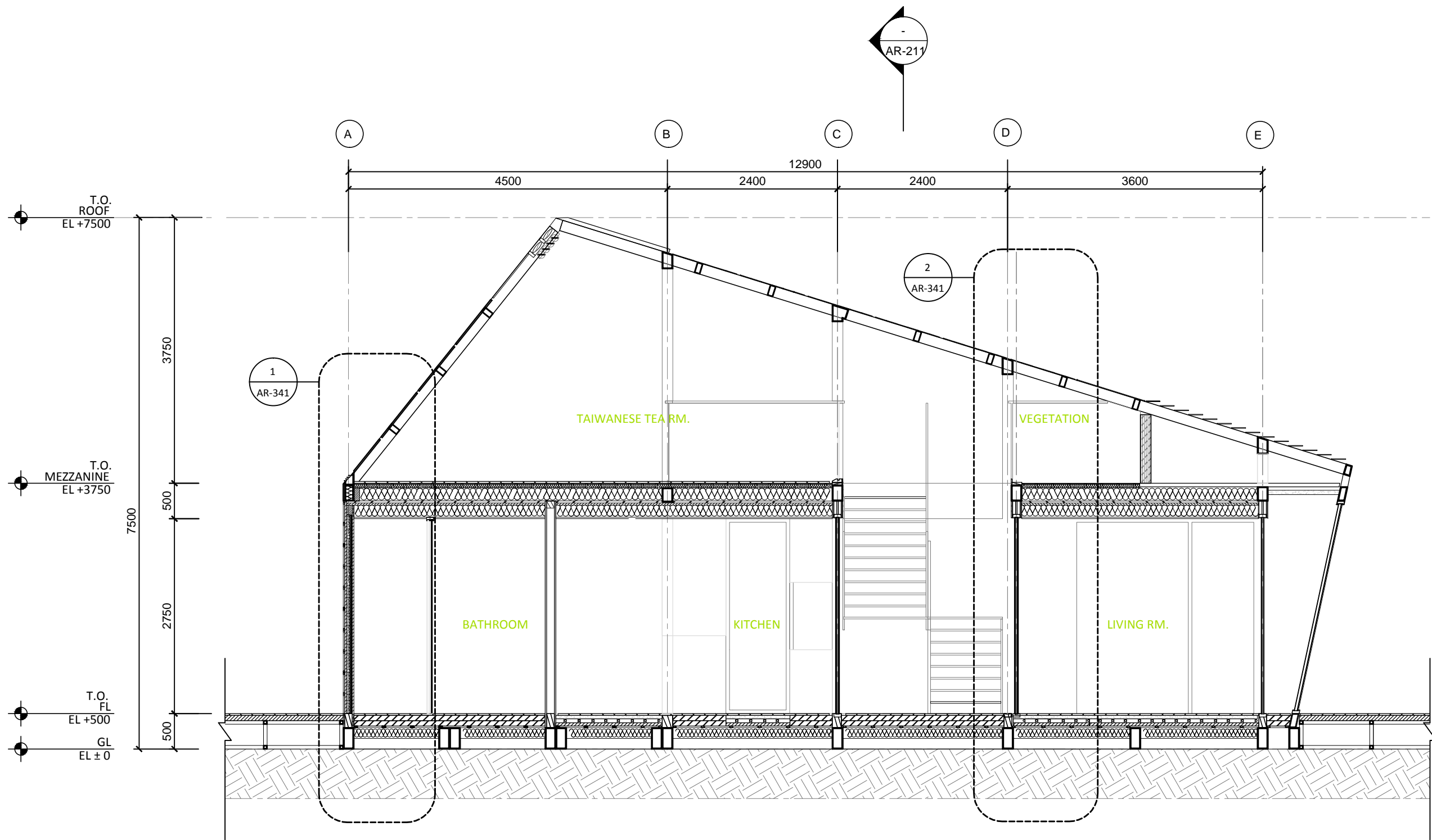


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LONGITUDINAL SECTION 1

DWG. No.
AR-201



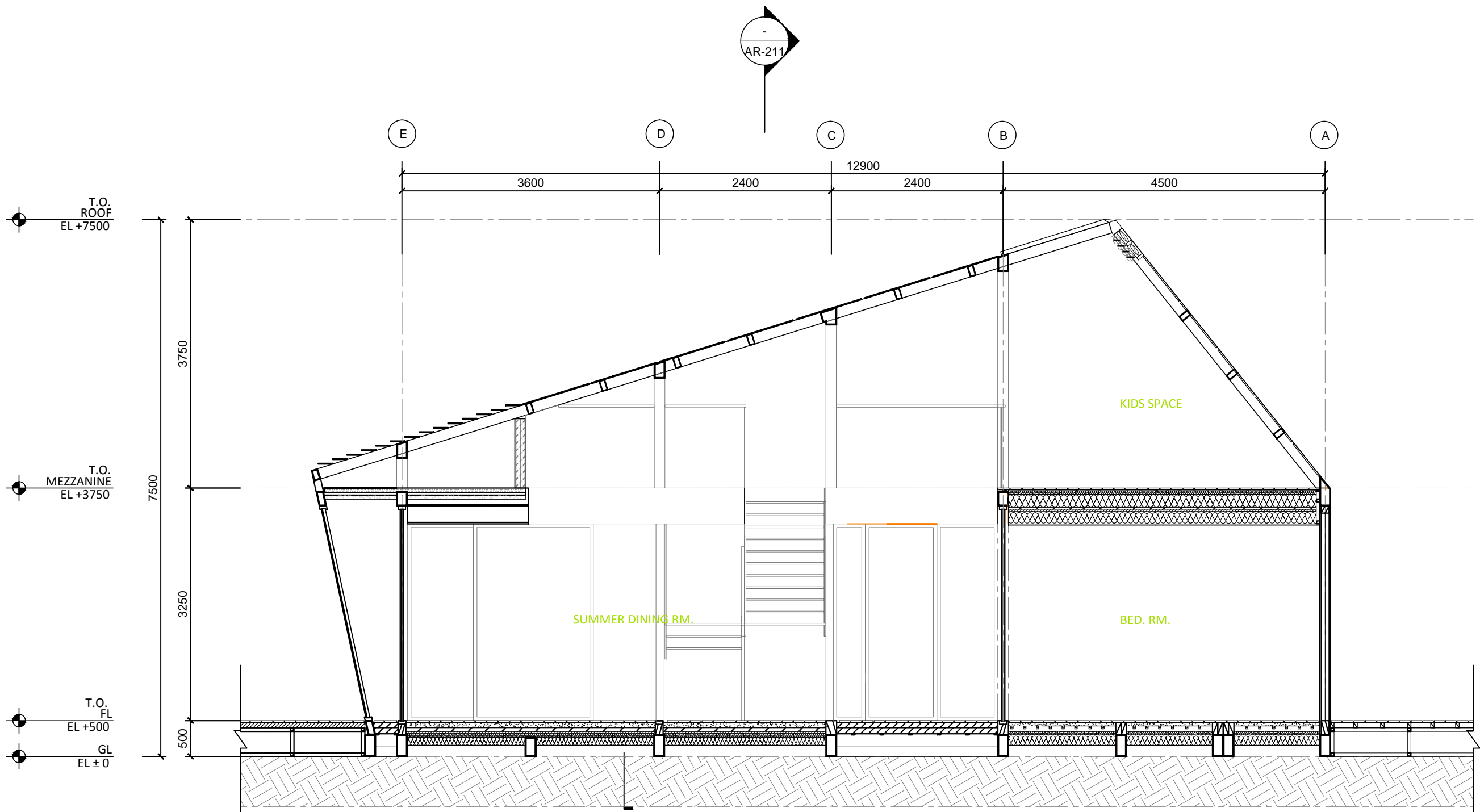


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LONGITUDINAL SECTION
2

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AR-202



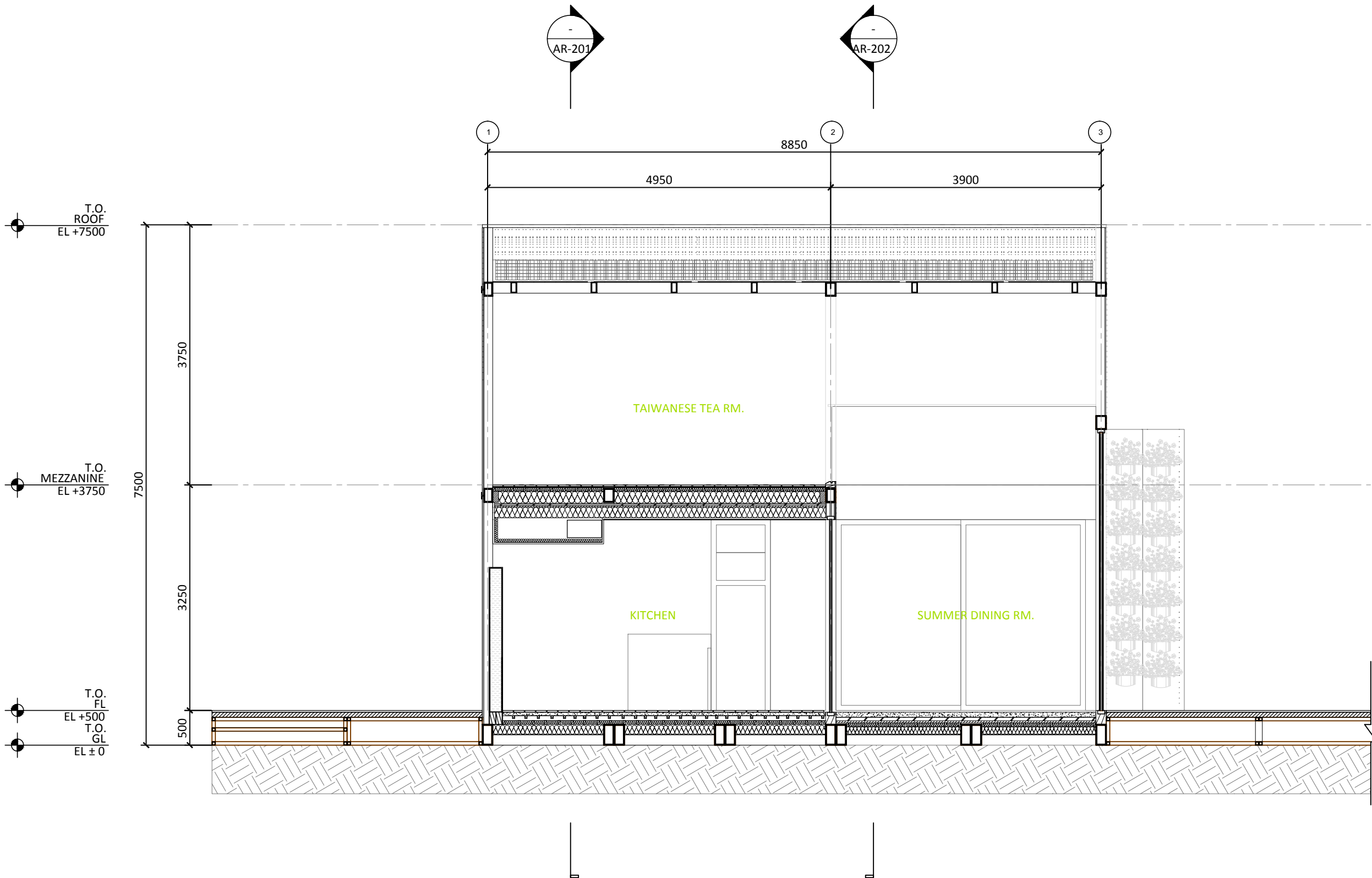


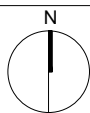
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TRANSVERSAL SECTIONS

DWG. No.
AR-211



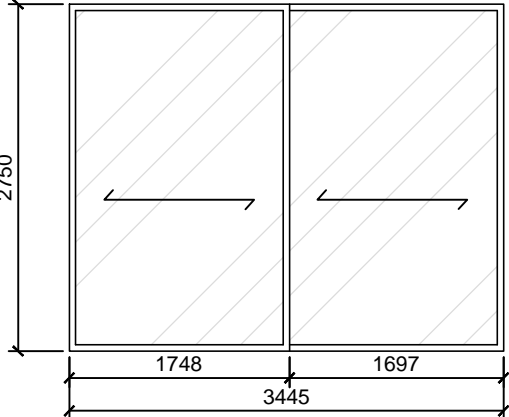
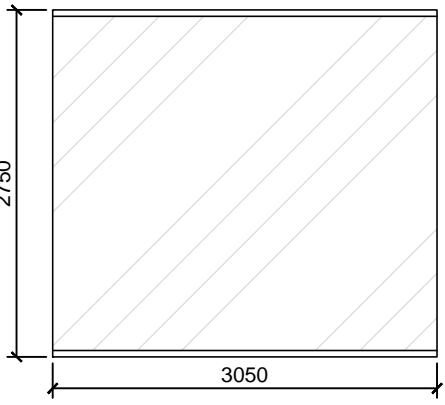
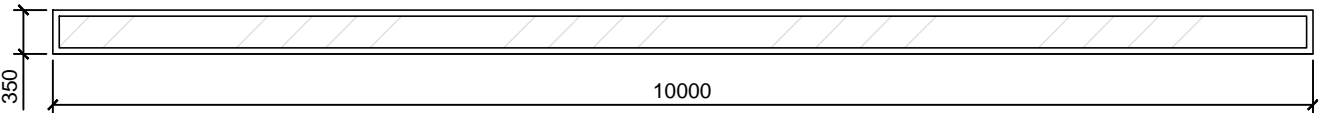


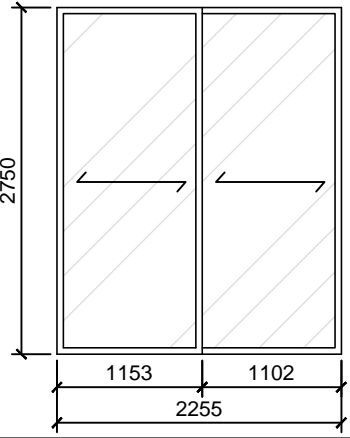
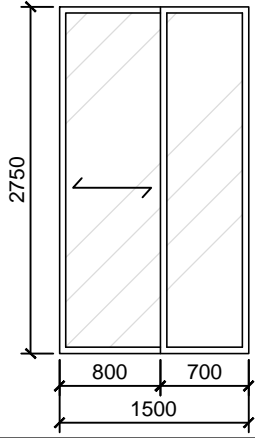
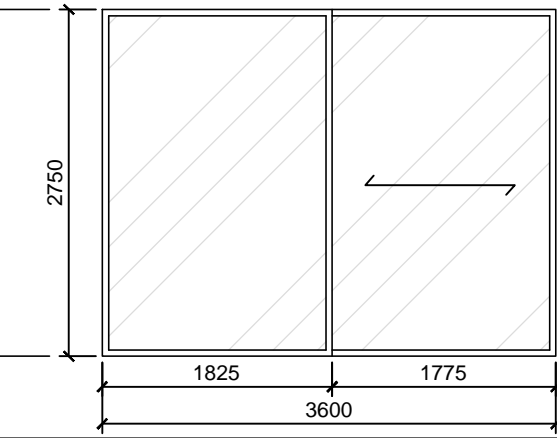
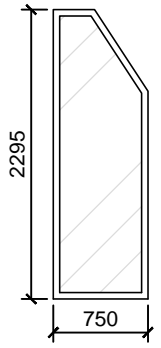
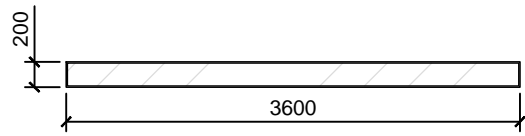
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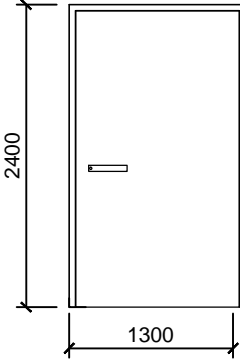
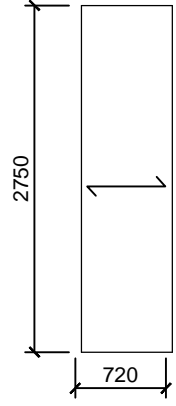
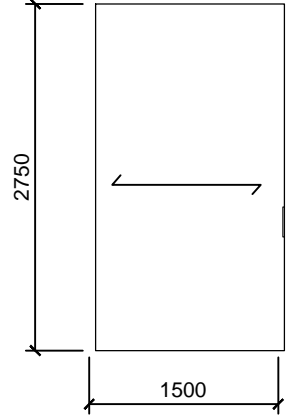
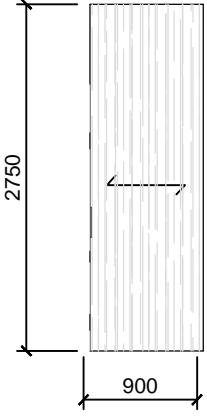
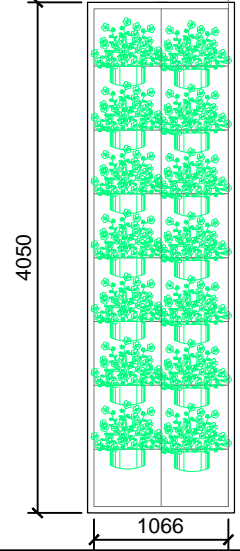
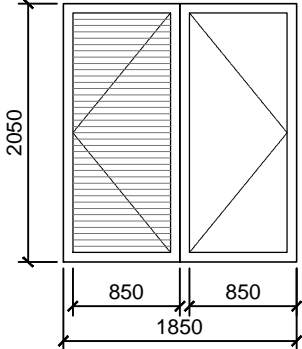
DWG. Title
WINDOW SCHEDULE AND DETAILS

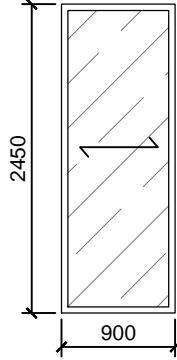
DWG. No.
AR-301

WINDOW #	WIN1	WIN2	WIN3
ELEVATION			
NAME	SLIDING WINDOW	FIXED WINDOW	FIXED WINDOW
LOCATION	LIVING RM	LIVING RM	ABOVE THERMAL MASS
TYPE	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS	SINGLE LAYER GLASS
NOTE			

WINDOW #	WIN4	WIN5	WIN6	WIN7	WIN8
ELEVATION					
NAME	SLIDING WINDOW	SLIDING/FIXED WINDOW	SLIDING/FIXED WINDOW	FIXED WINDOW	FIXED WINDOW
LOCATION	STAIRCASE	KITCHEN	BED RM	BED RM	BED RM
TYPE	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS
NOTE					

WINDOW #	WIN9	WIN10
ELEVATION		
NAME	FIXED WINDOW	FIXED WINDOW
LOCATION	BATH RM	BATH RM
TYPE	DOUBLE LAYER GLASS	DOUBLE LAYER GLASS
NOTE		

DOOR #	DOOR 1	DOOR 2	DOOR 3	DOOR 4	DOOR 5	DOOR 6
ELEVATION						
NAME	ENTRANCE DOOR	SLIDING DOOR	SLIDING DOOR	SLIDING DOOR	PIVOTED ORCHID PLANTING DOOR	MECHANICAL ROOM DOOR
LOCATION	ENTRANCE	KITCHEN	BED RM	BATH RM	TERRACE SPACE	MECH RM
TYPE	HINGED	SLIDING	SLIDING	SLIDING	HINGED	HINGED
NOTE	FIRE RATED	FIRE RATED	FIRE RATED	FIRE RATED	FIRE RATED	FIRE RATED
Material	METEL	METEL + GLASS	METEL + GLASS	WOOD	METEL + GLASS	METEL

DOOR #	DOOR 7
ELEVATION	
NAME	SLIDING DOOR
LOCATION	SHOWER SPACE
TYPE	SLIDING
NOTE	FIRE RATED
Material	METEL + GLASS

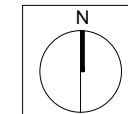


Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
www.sde.tw
Contact:



Consultants:

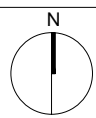
Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: YW
Checked by: DN
Scale: -

DWG. Title
DOOR SCHEDULE AND DETAILS
DWG. No.
AR-311

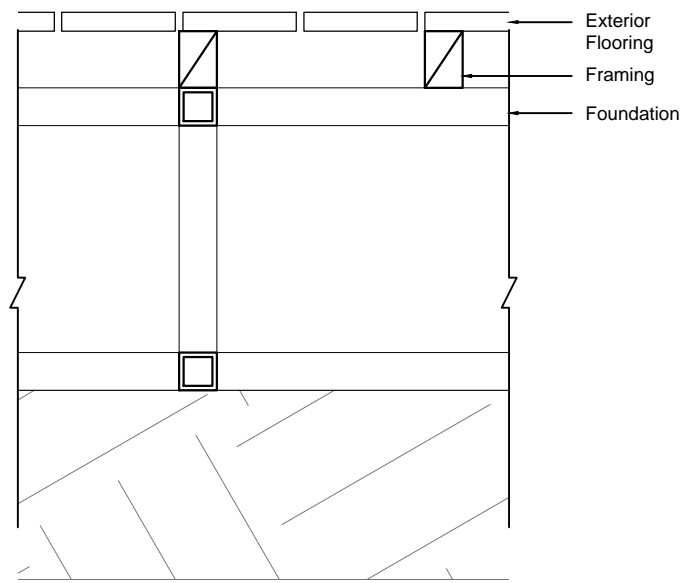


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

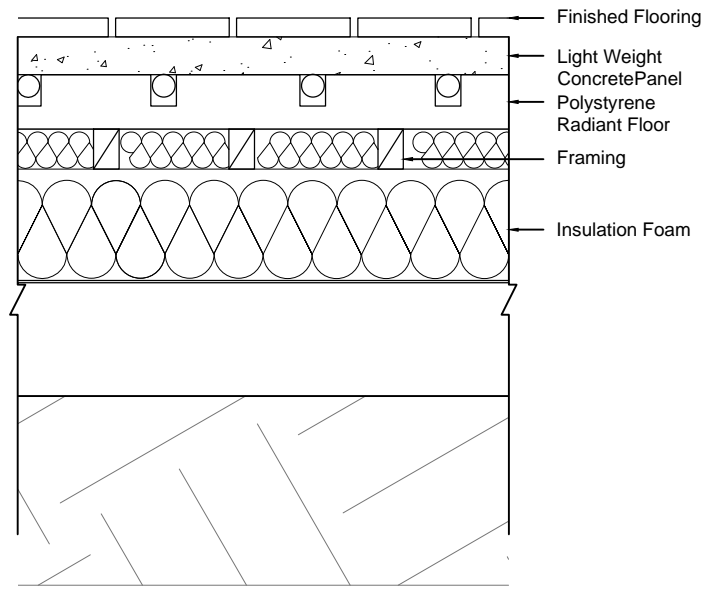
Drawn by	YW
Checked by	DN
Scale	1:10

DWG. Title
FLOOR CONSTRUCTION DETAILS

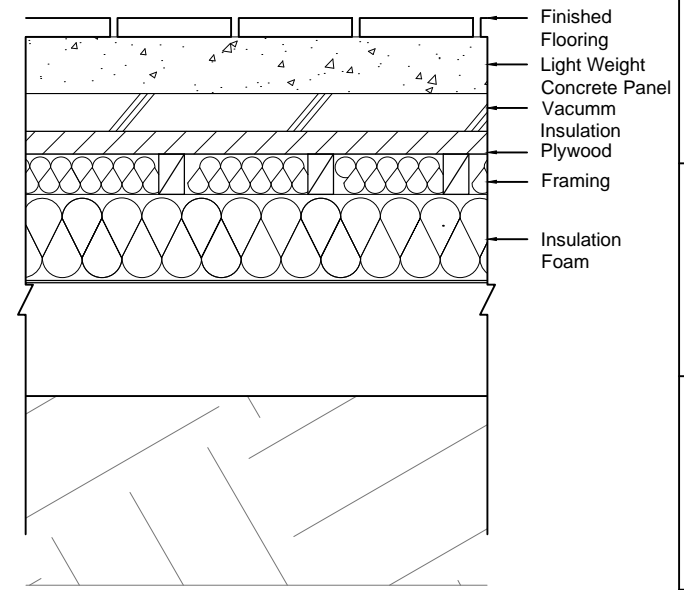
DWG. No.
AR-321



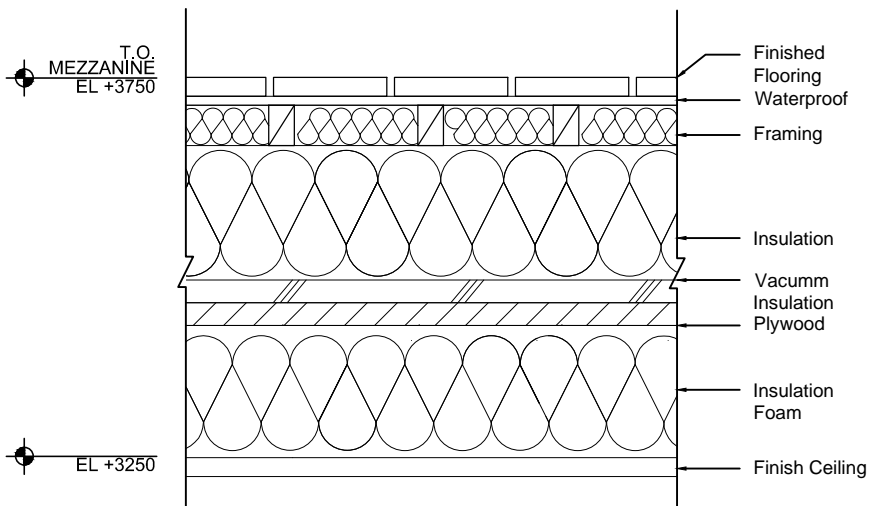
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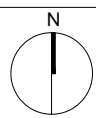
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3



4

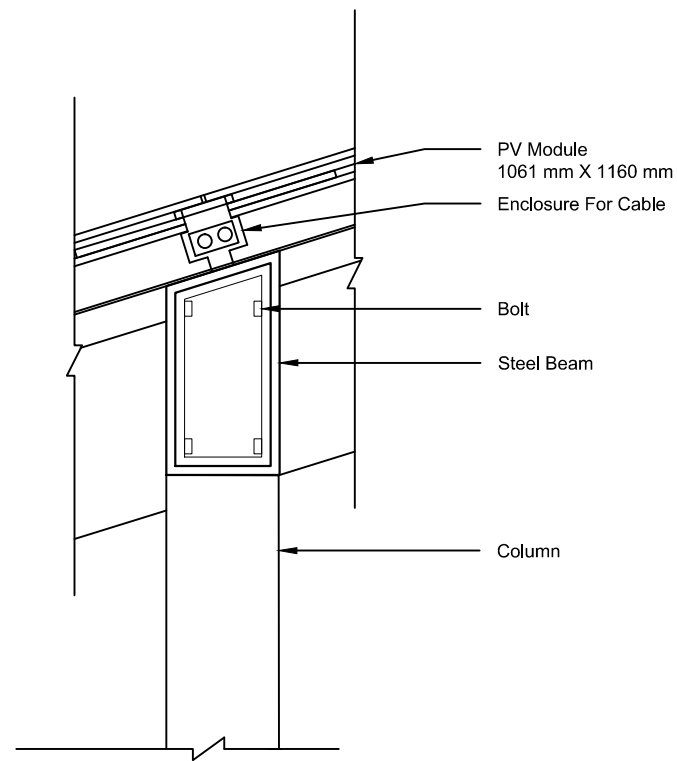


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

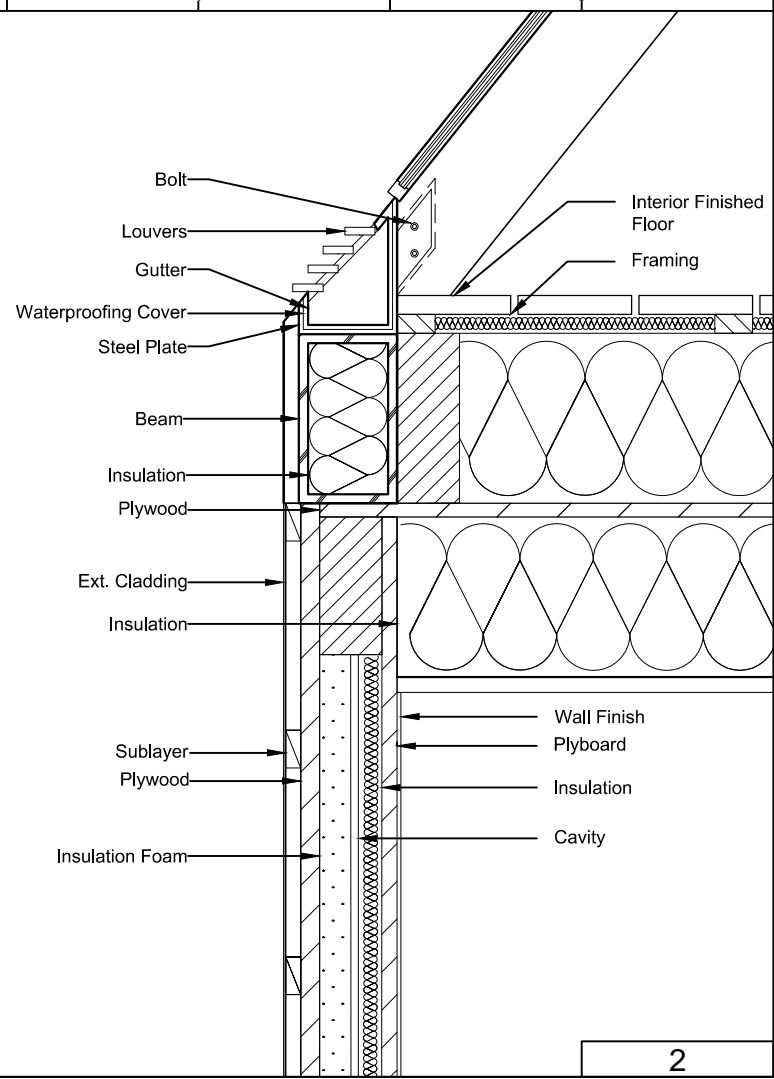
Drawn by	YW
Checked by	DN
Scale	1:10

DWG. Title
ROOF CONSTRUCTION DETAILS

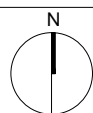
DWG. No.
AR-331



1



2

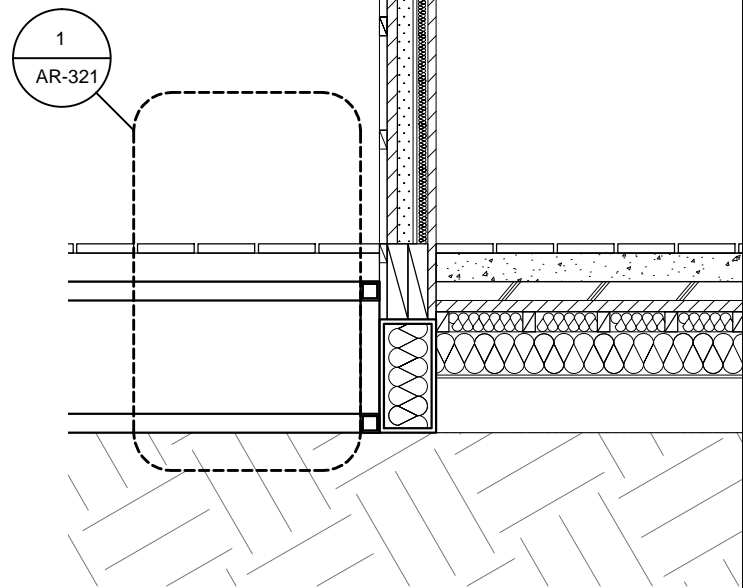
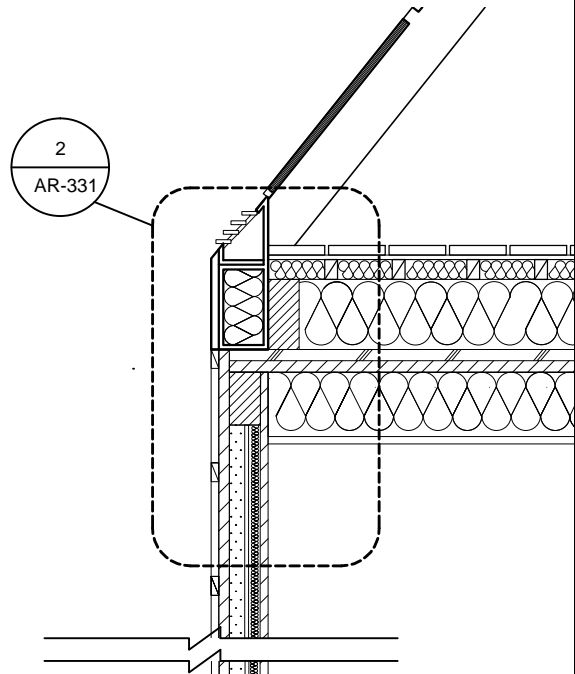
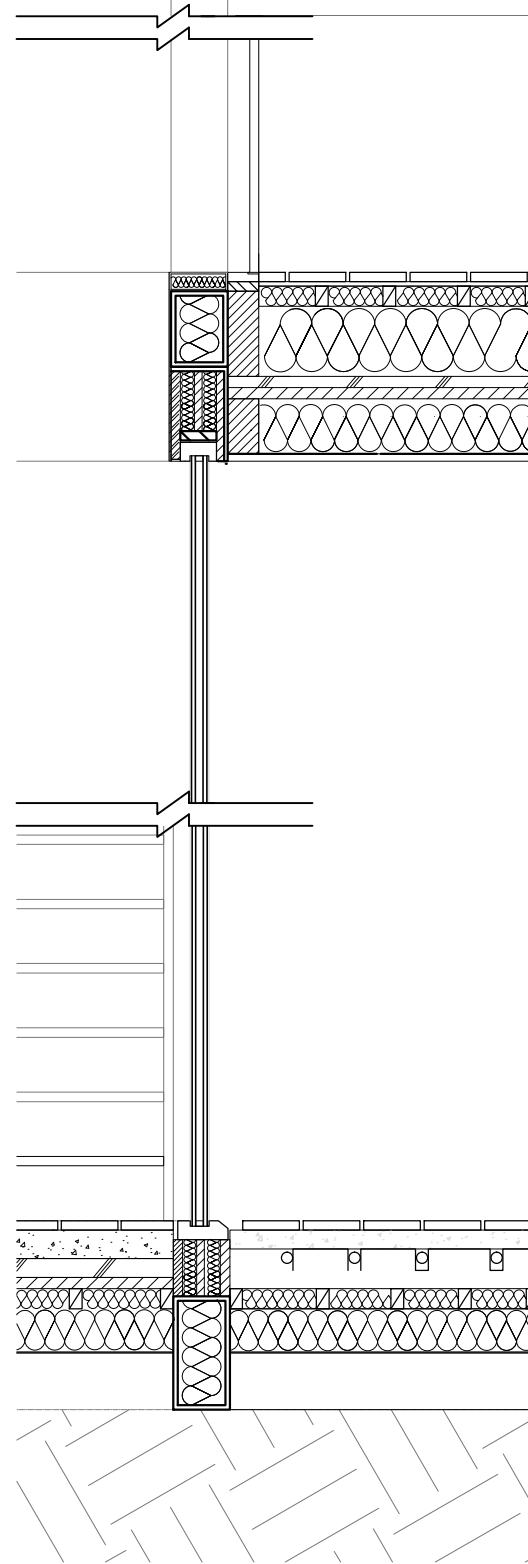
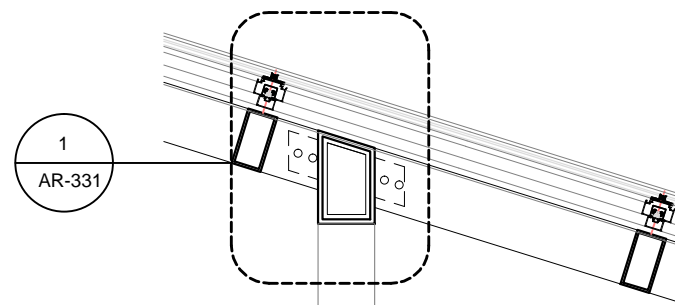


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	YW
Checked by	DN
Scale	1:20

DWG. Title
WALL SECTION AND CONSTRUCTION DETAILS

DWG. No.
AR-341



T.O.
MEZZANINE
EL +3750

T.O.
FL
EL +500

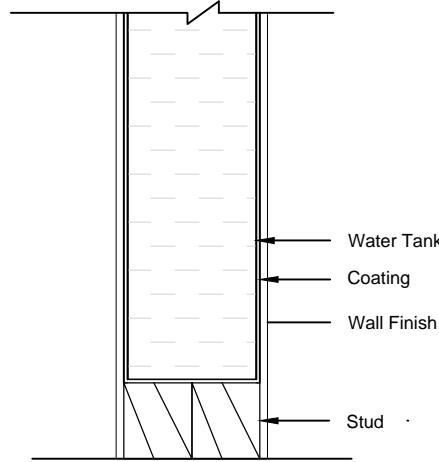
GL
EL ±0

1

2

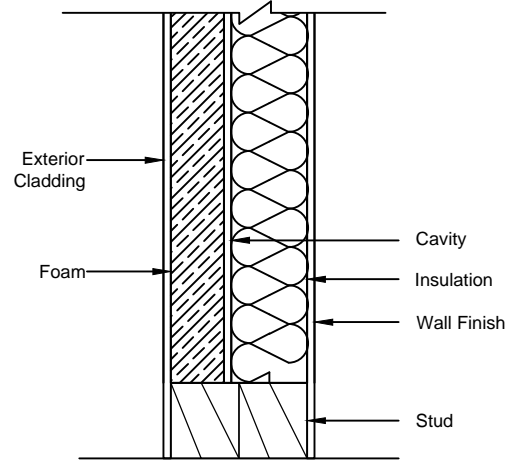


NOTE



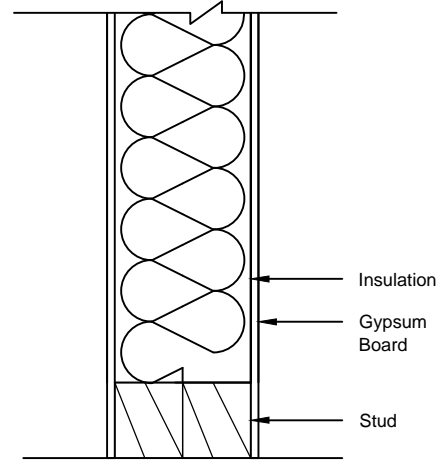
WATER THERMAL MASS

1



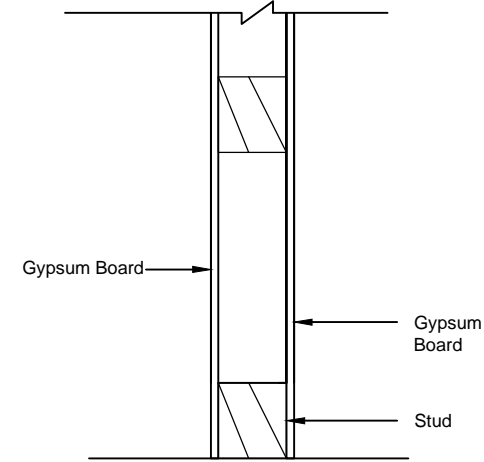
EXTENSION PARTITION

2



FIRE RATED WALL

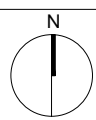
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CAVITY WALL

4

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	YW
Checked by	DN
Scale	1:10

DWG. Title
PARTITIONS DETAILS

DWG. No.
AR-351

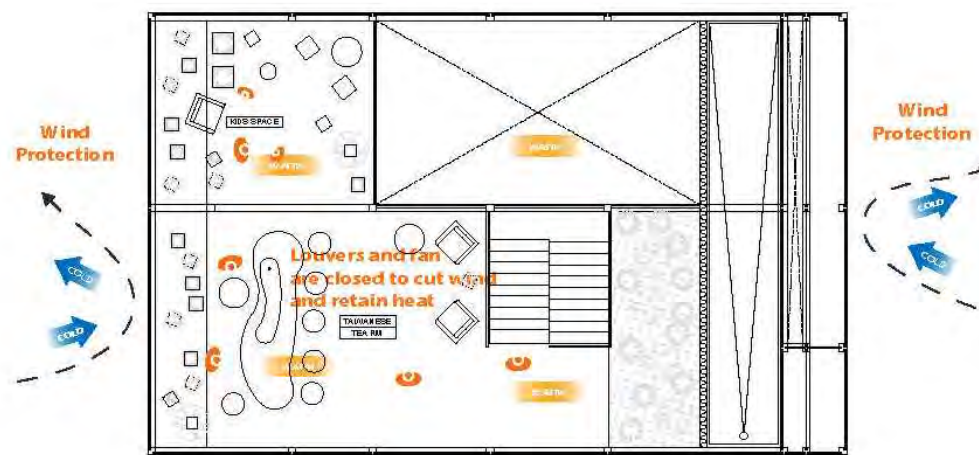
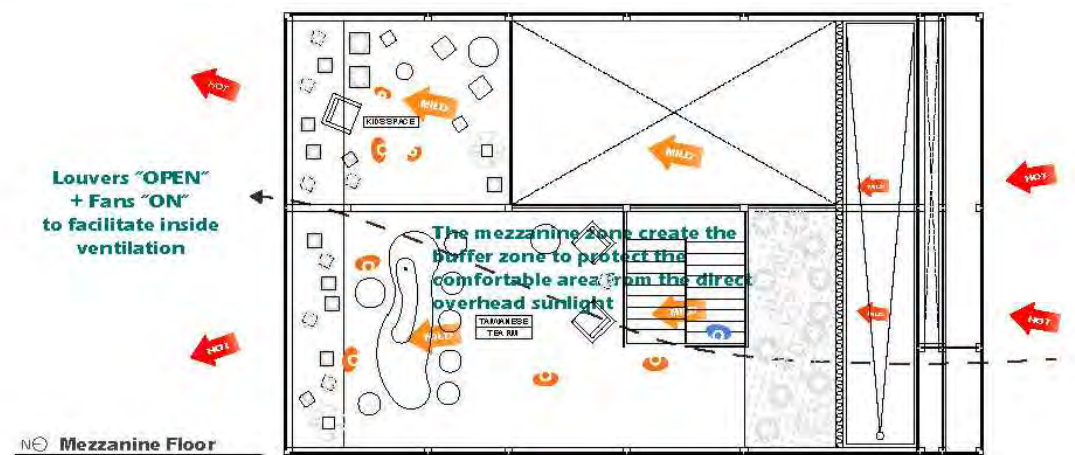
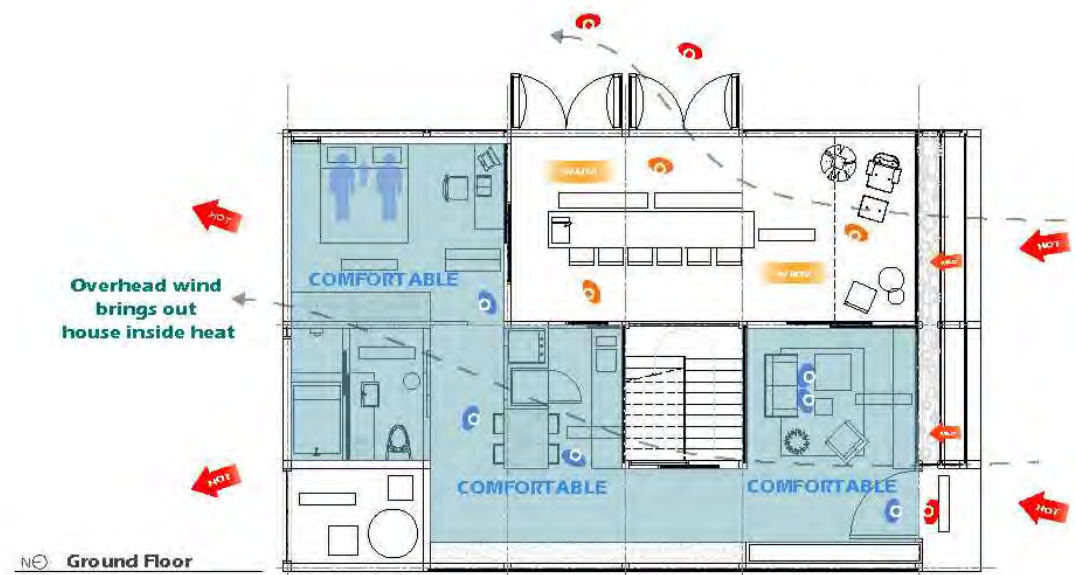
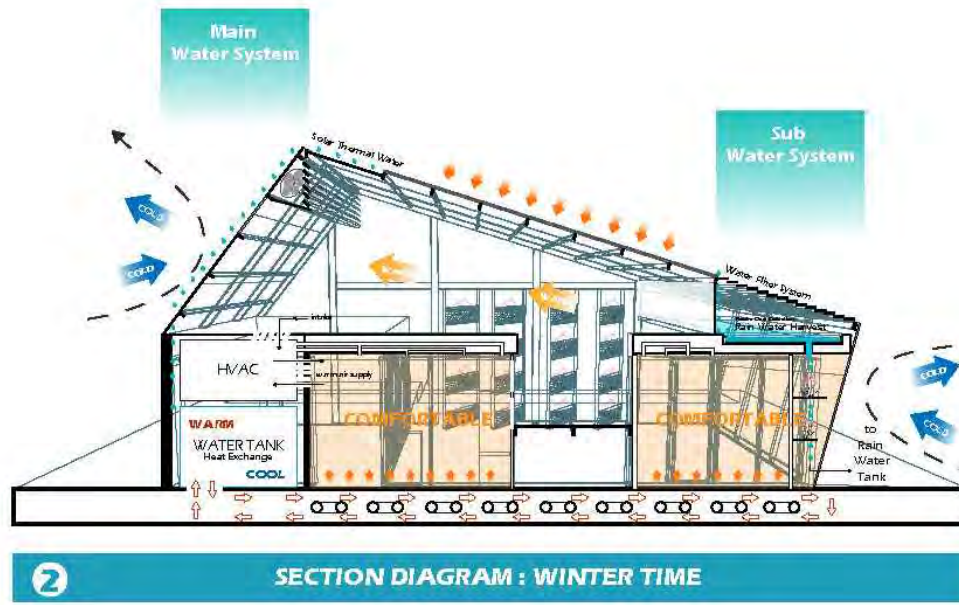
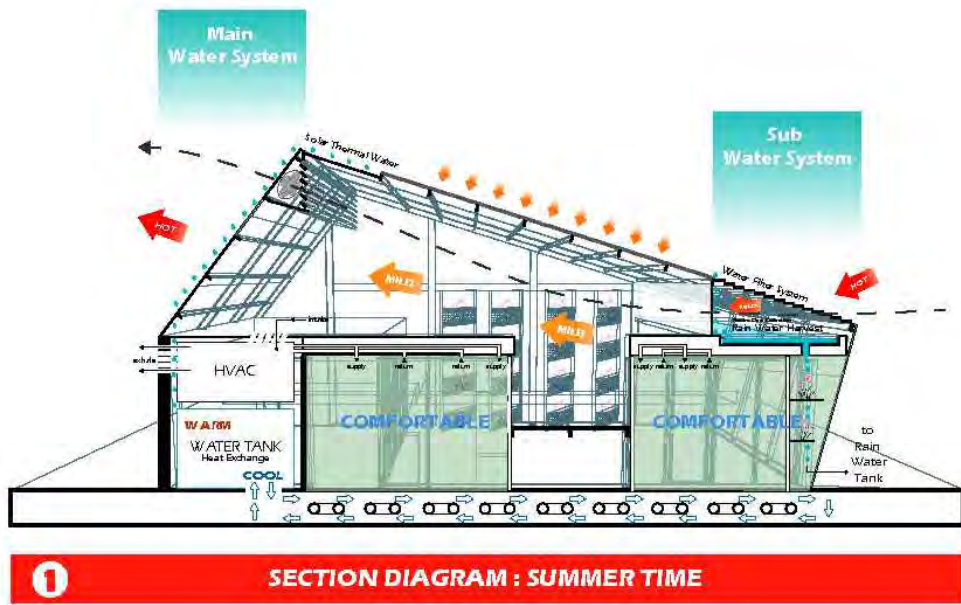


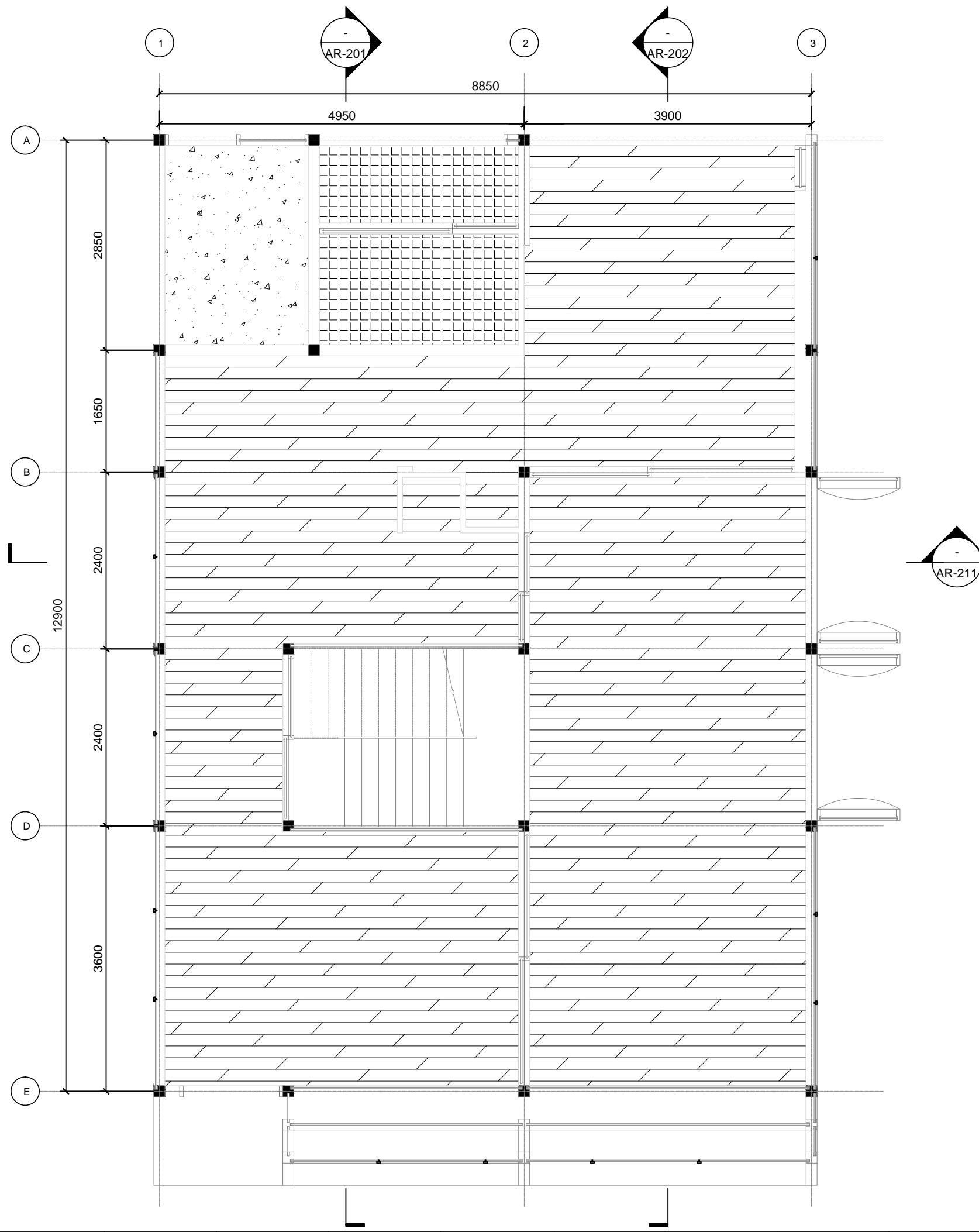
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission




Drawn by	SS
Checked by	DN
Scale	-

DWG. Title	BIOCLIMATIC DRAWINGS
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DWG. No.	BA-001
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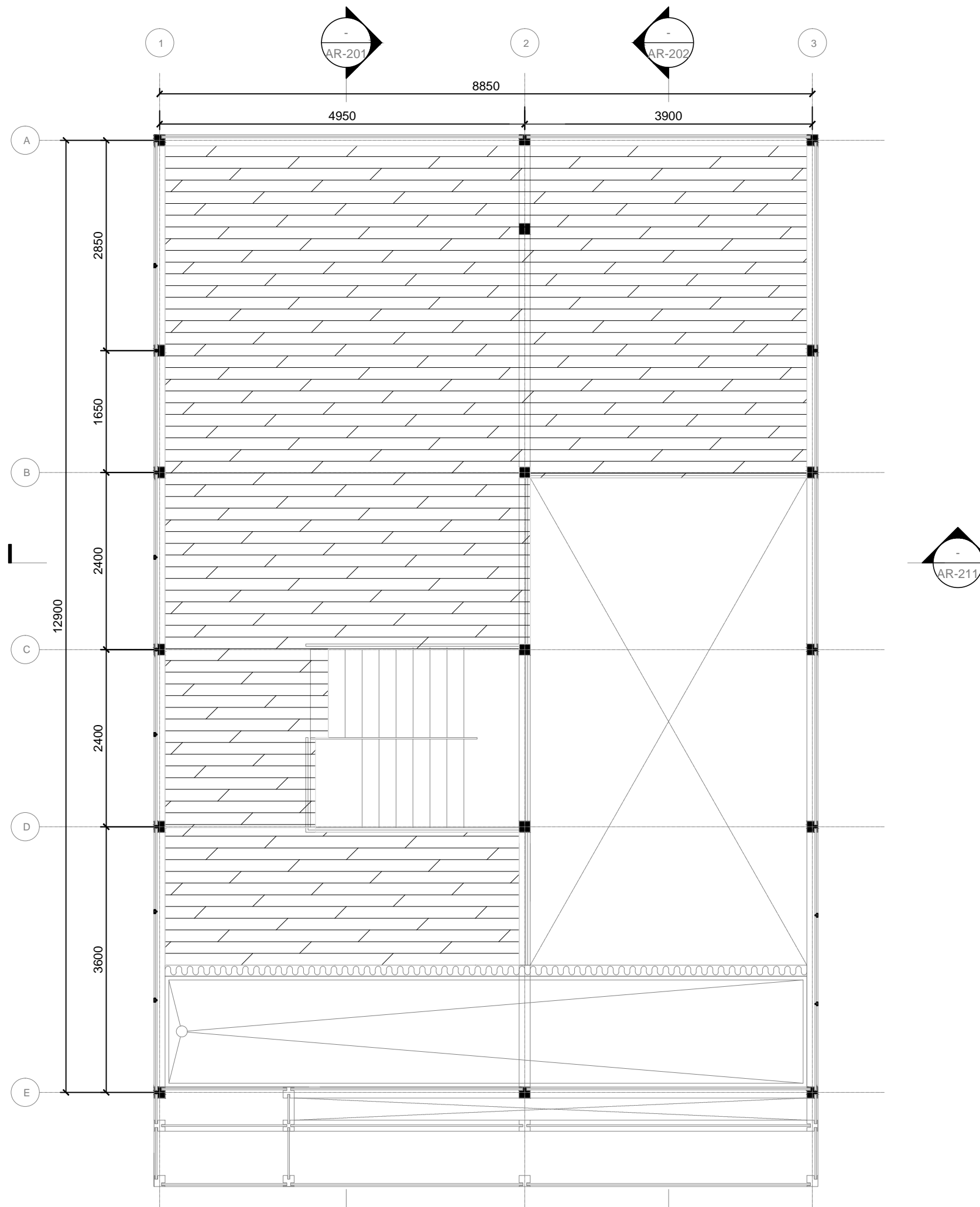





-  WOOD FLOOR
-  TILE FLOOR
-  CONC. FLOOR

Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60



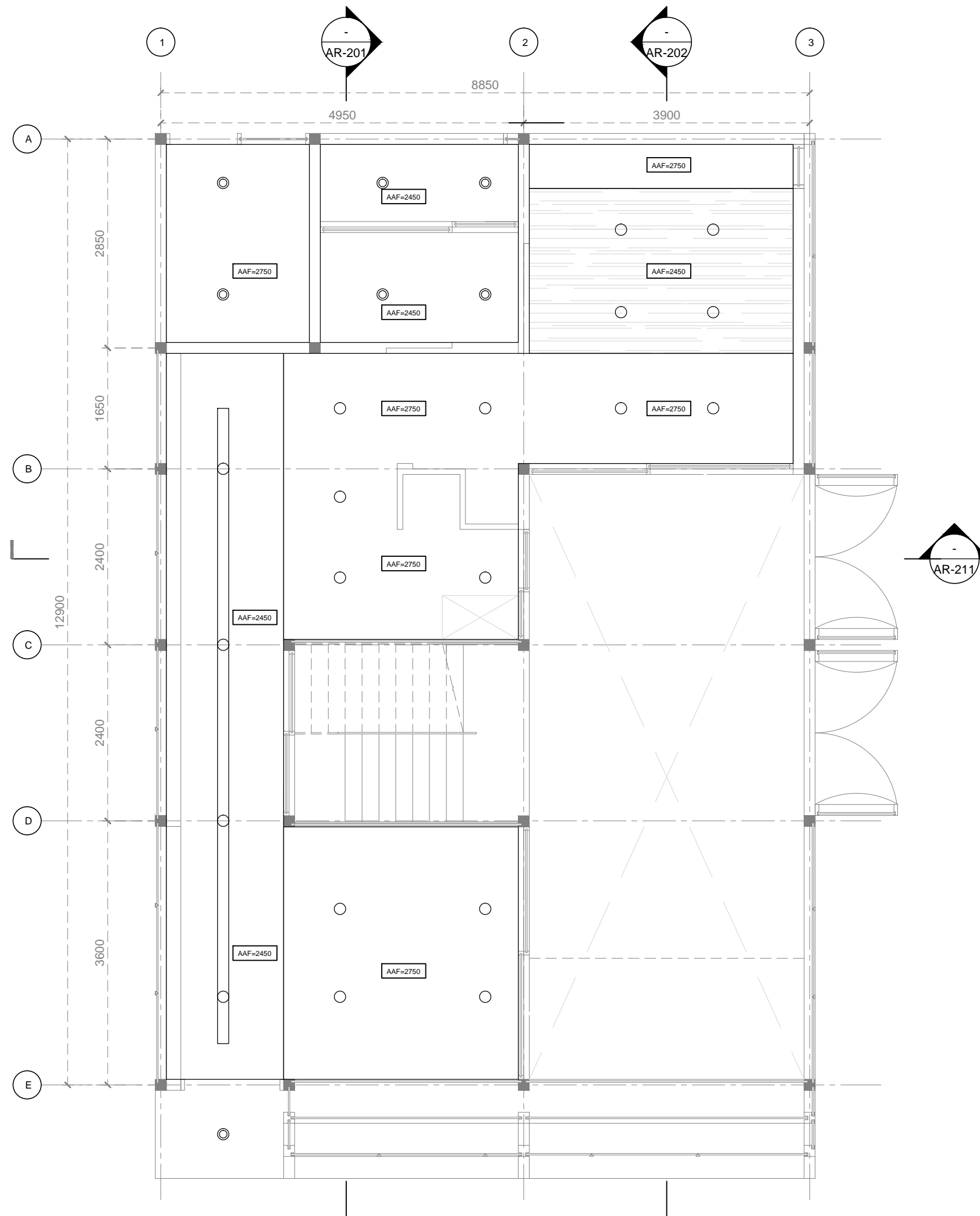
-  WOOD FLOOR
-  VEGETATION

Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

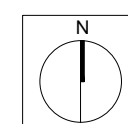
Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
MEZZANINE LEVEL FLOOR

DWG. No.
IN-002



- RECESSED DN LIGHT
- ⊙ WATERPROOF RECESSED DN LIGHT

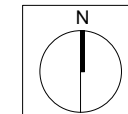
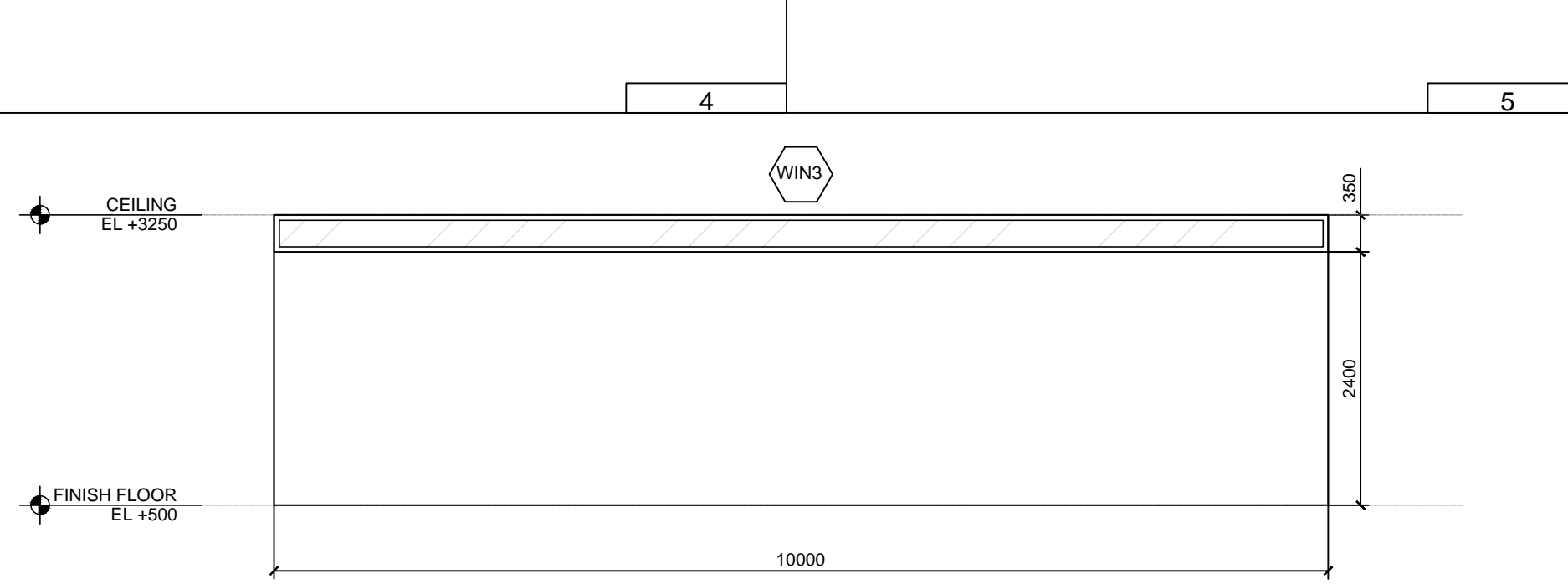
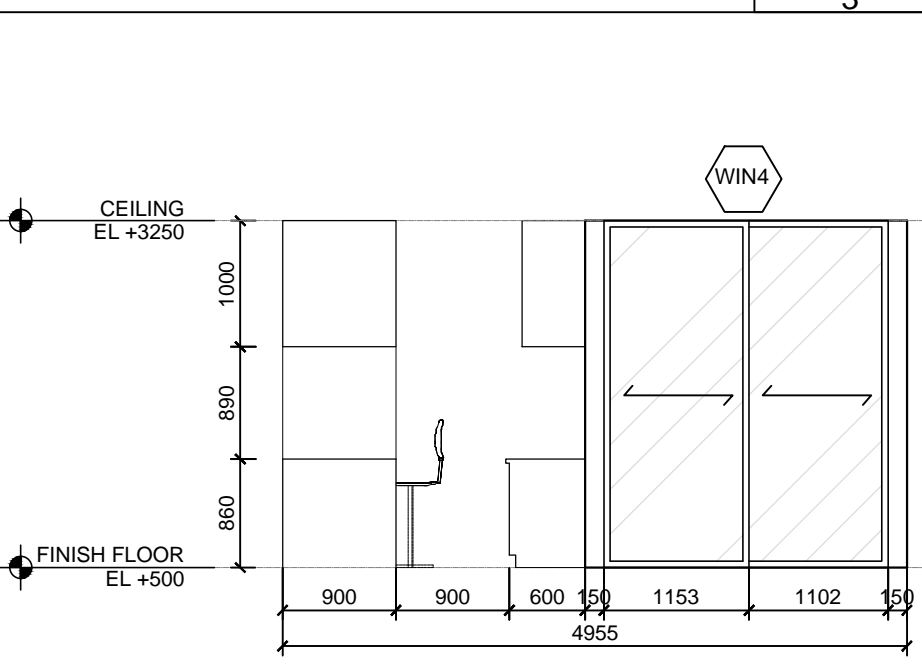
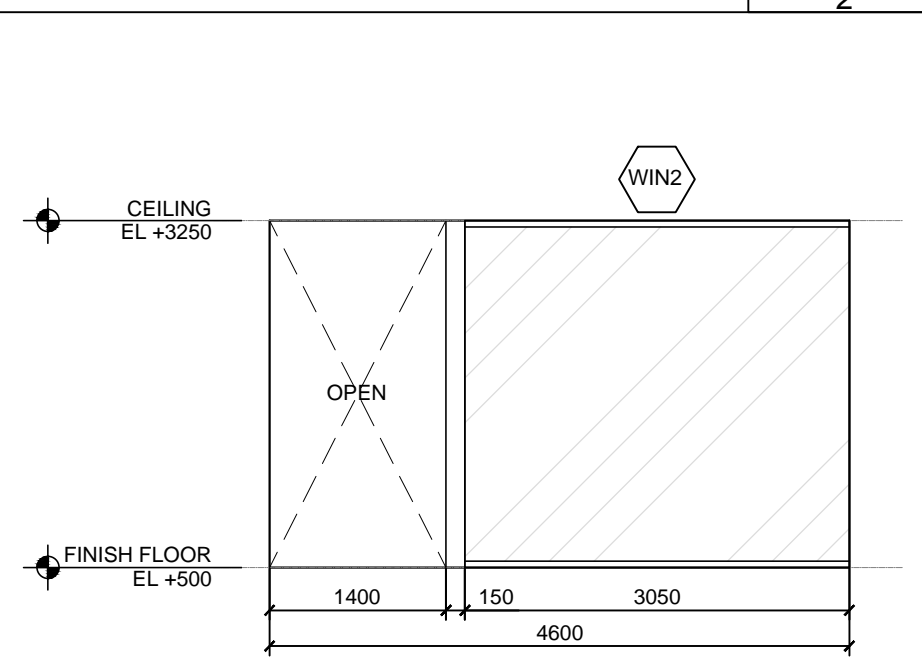
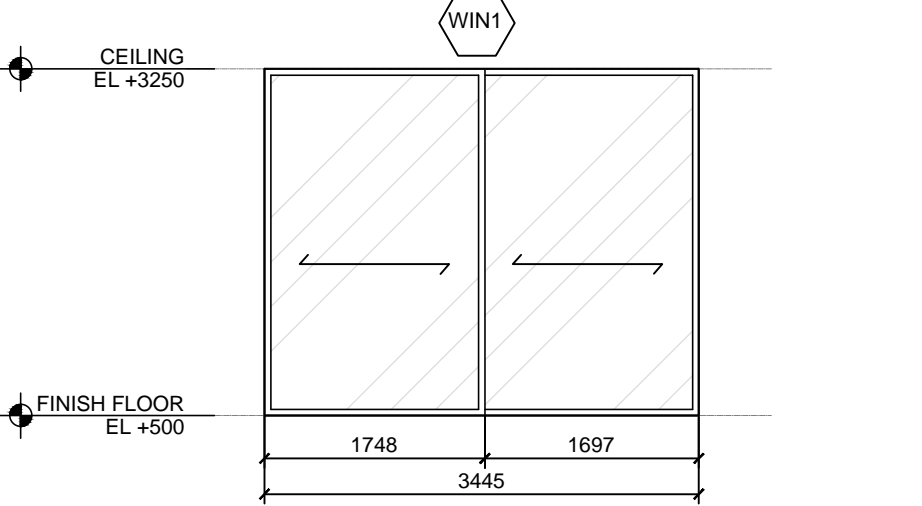
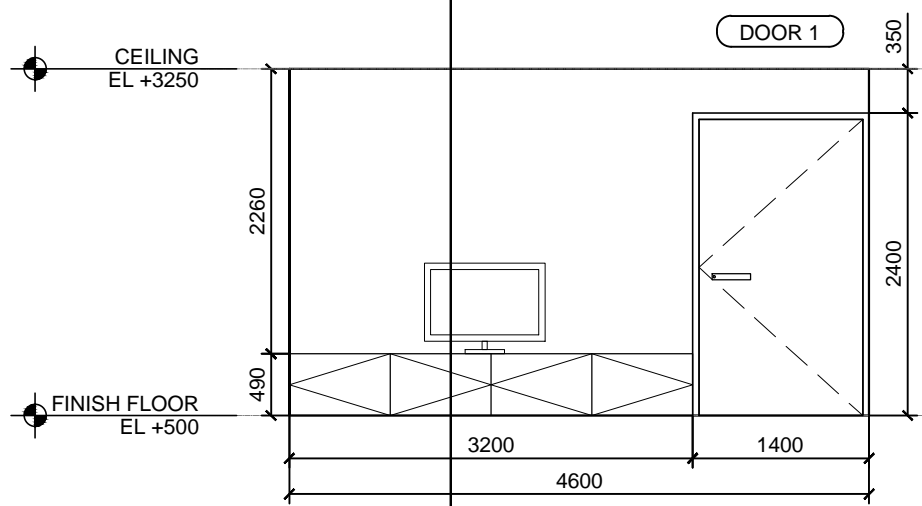
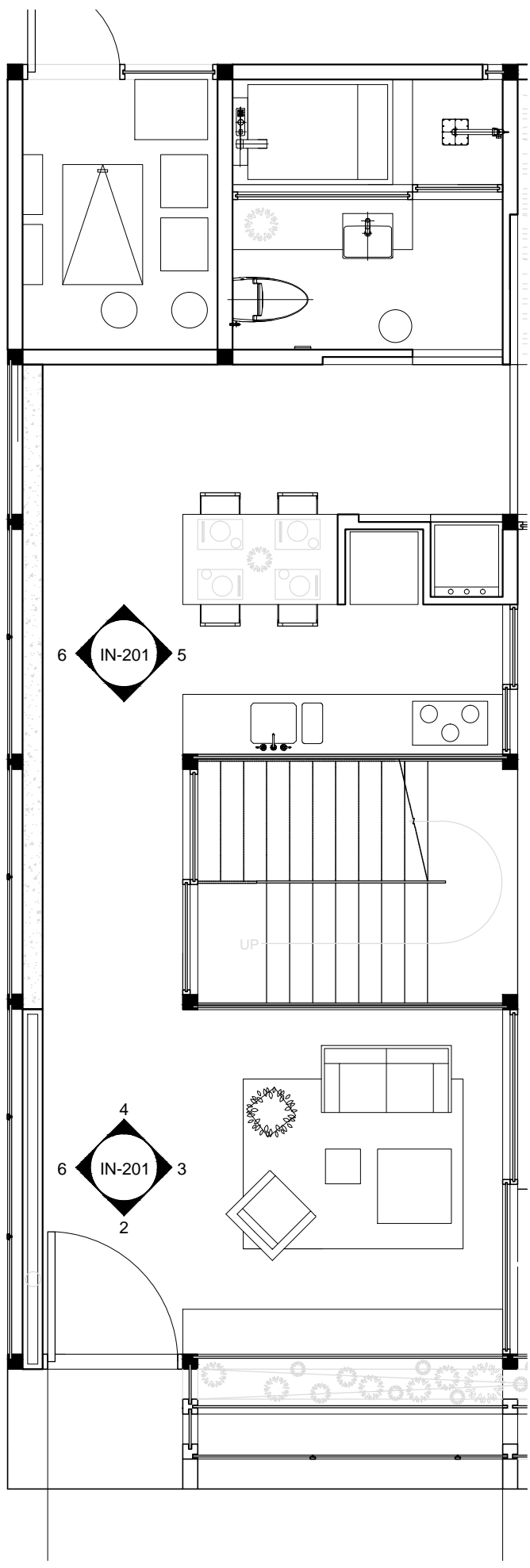


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
REFLECTED CEILING

DWG. No.
IN-101

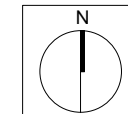
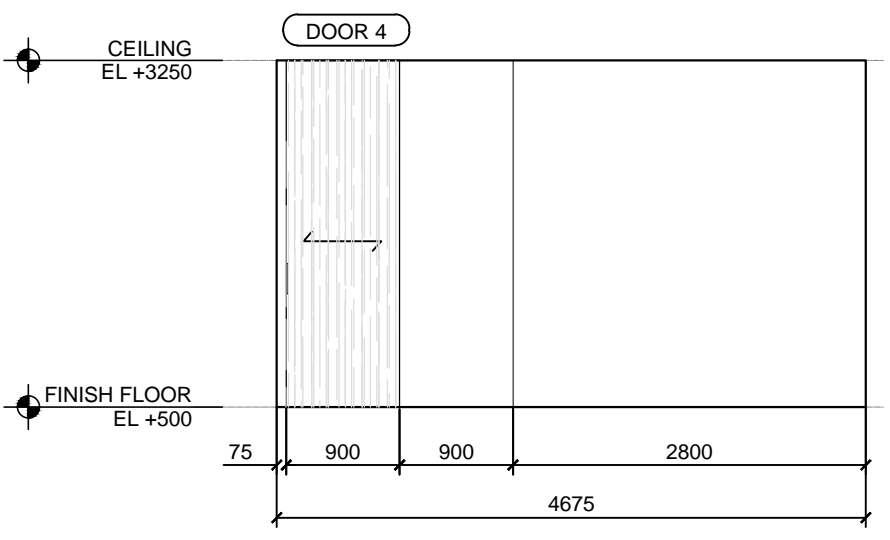
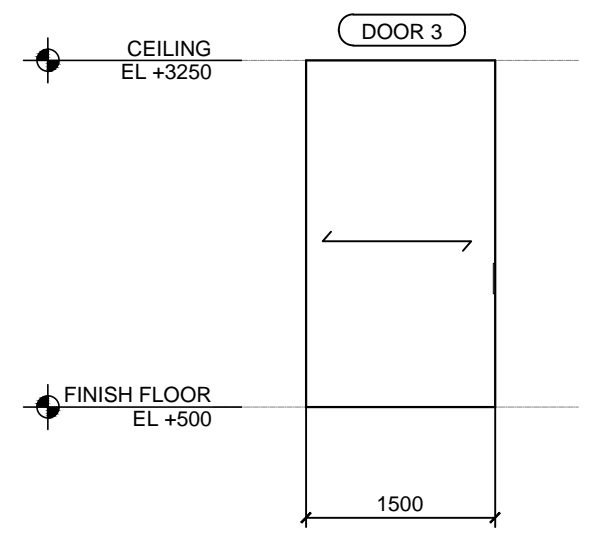
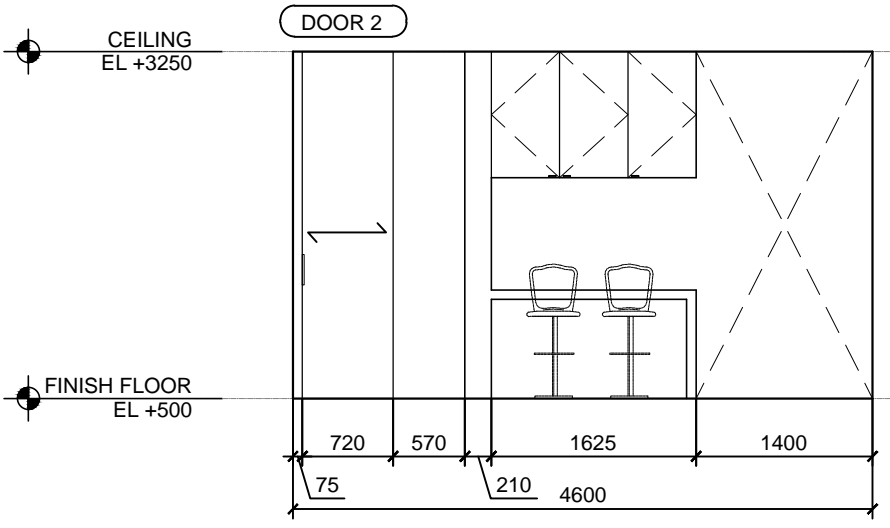
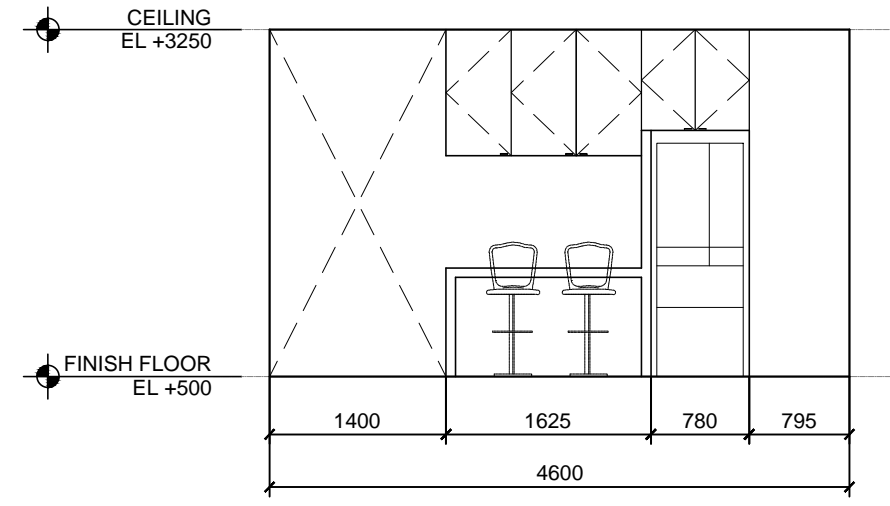
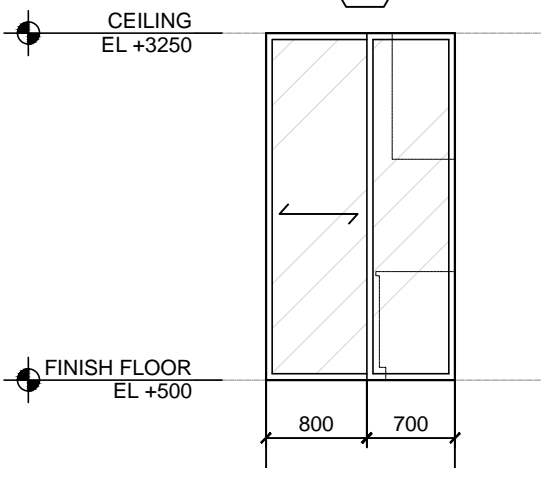
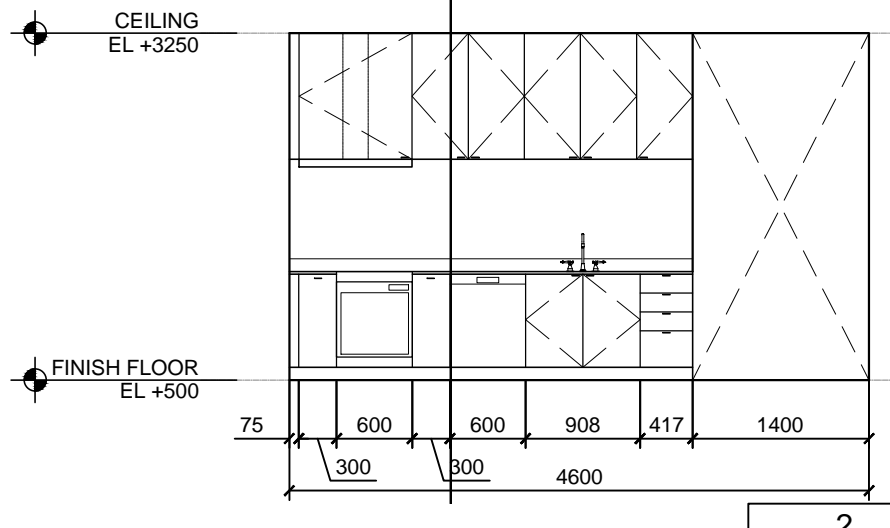
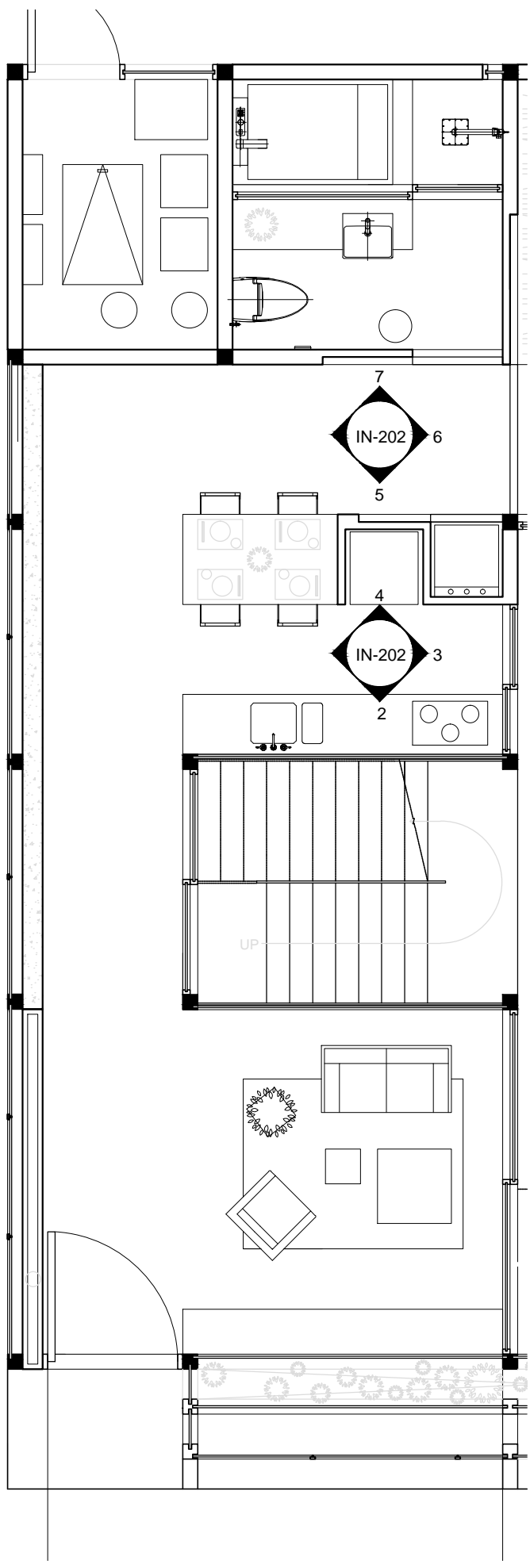


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
ELEVATIONS 1

DWG. No.
IN-201



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
ELEVATIONS 2

DWG. No.
IN-202

Project:



Institution:



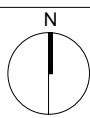
NCTU Architecture
國立交通大學建築研究所

Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

Note:

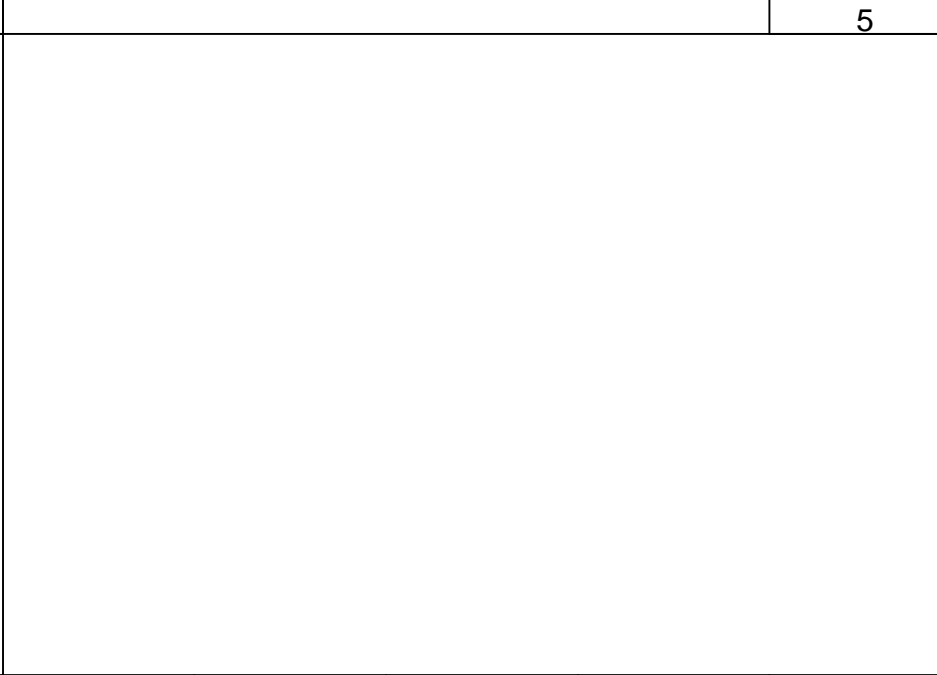
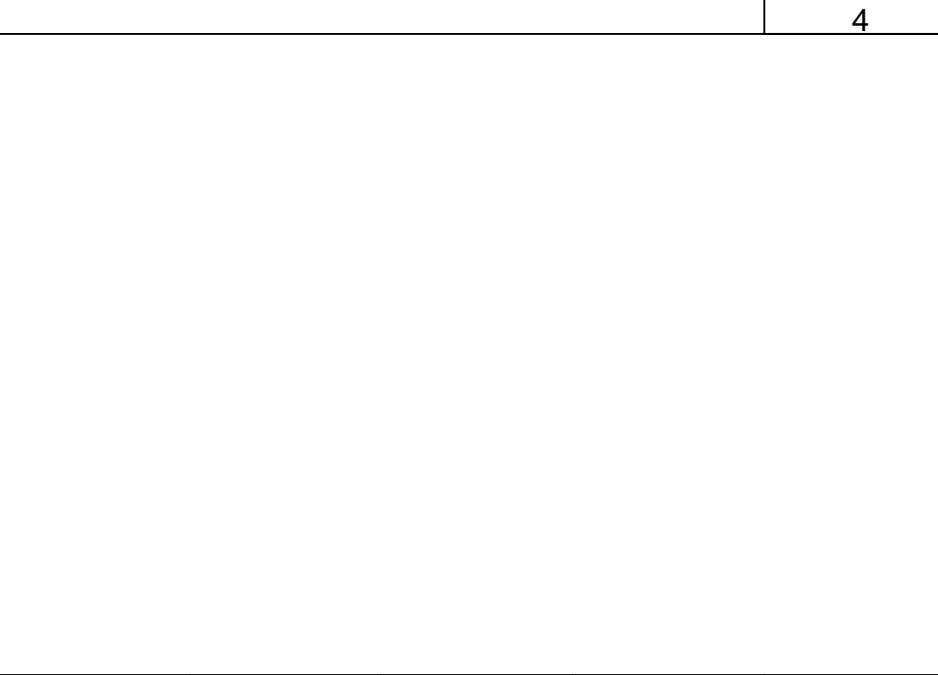
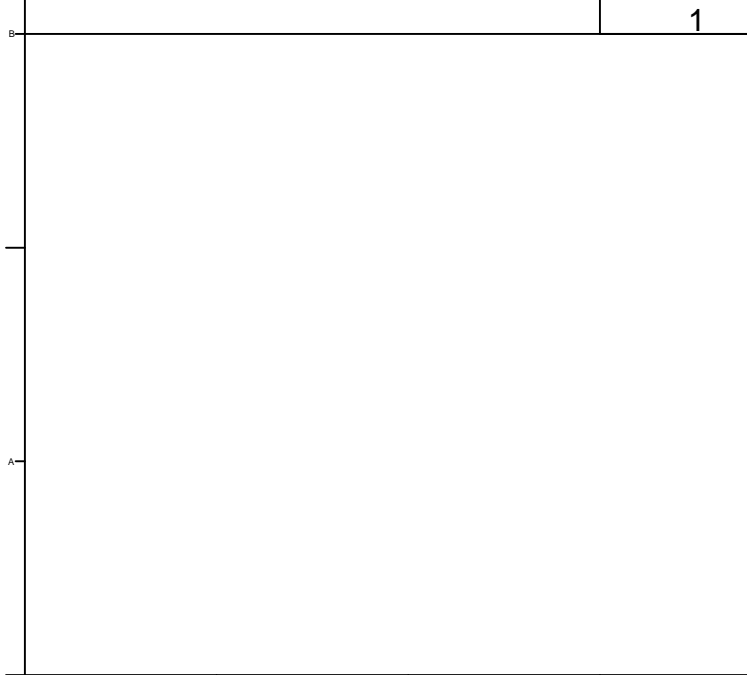
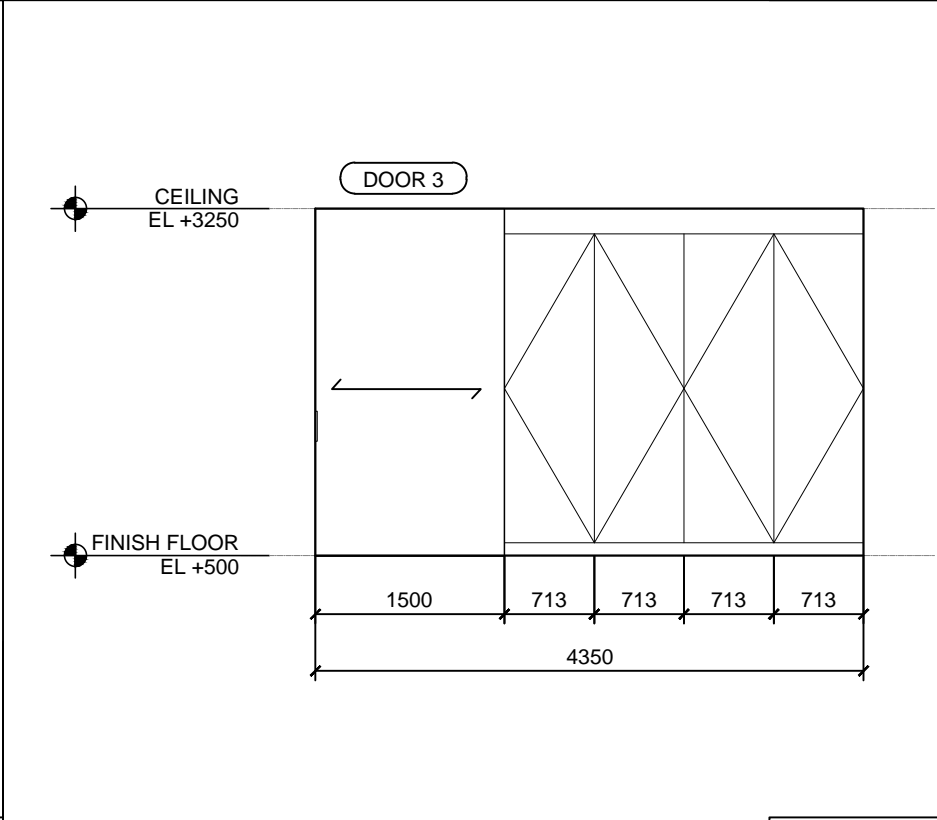
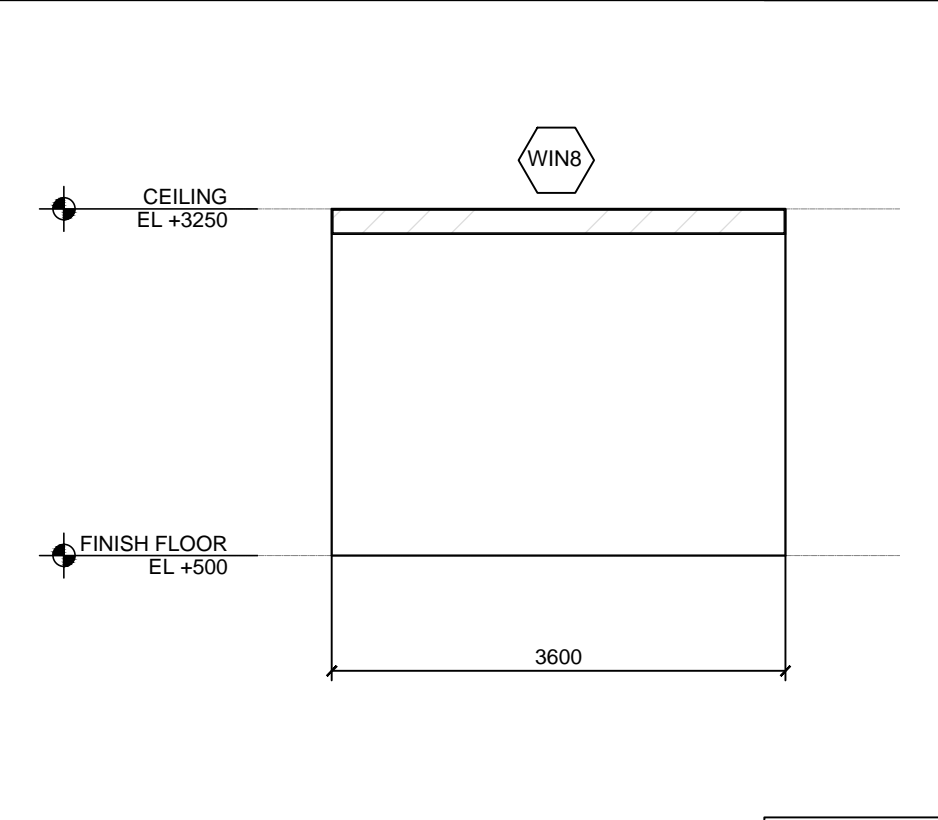
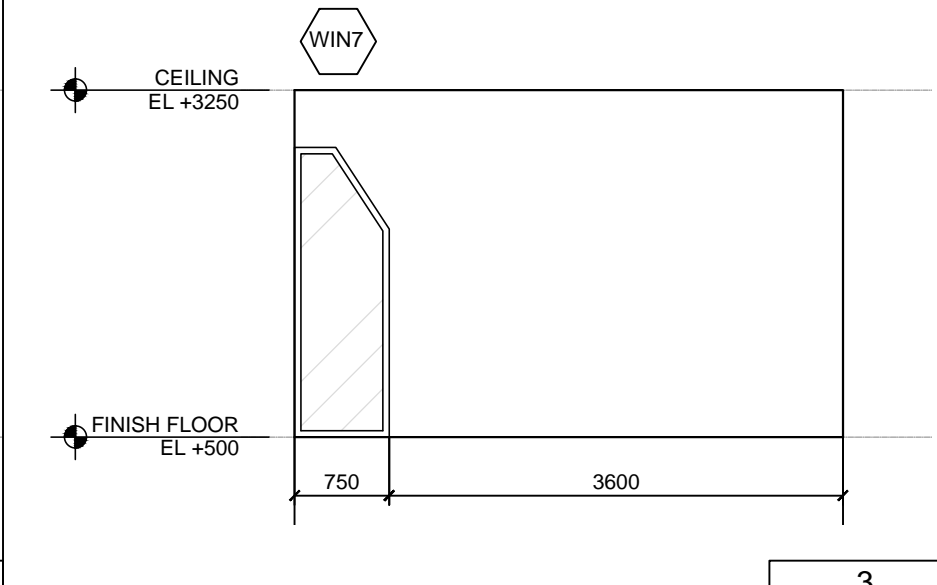
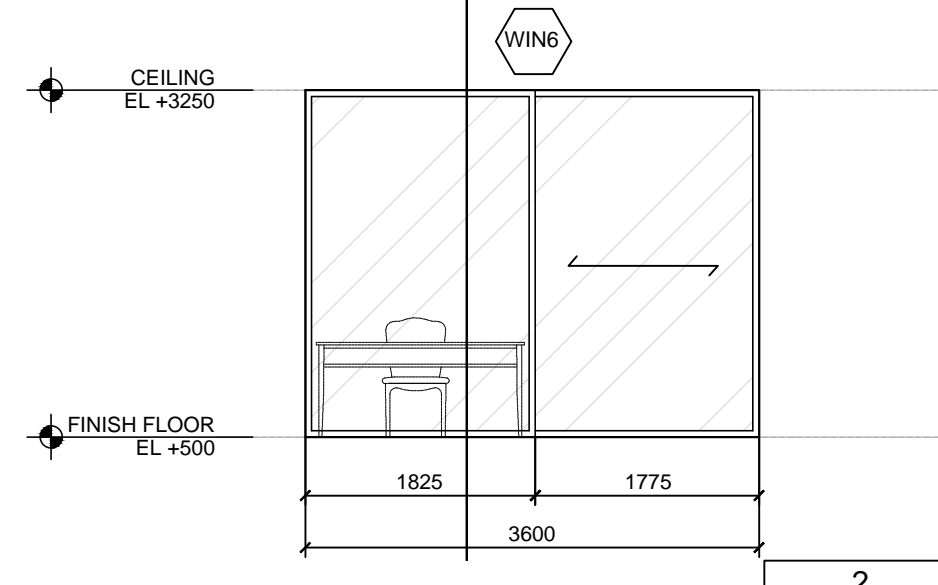
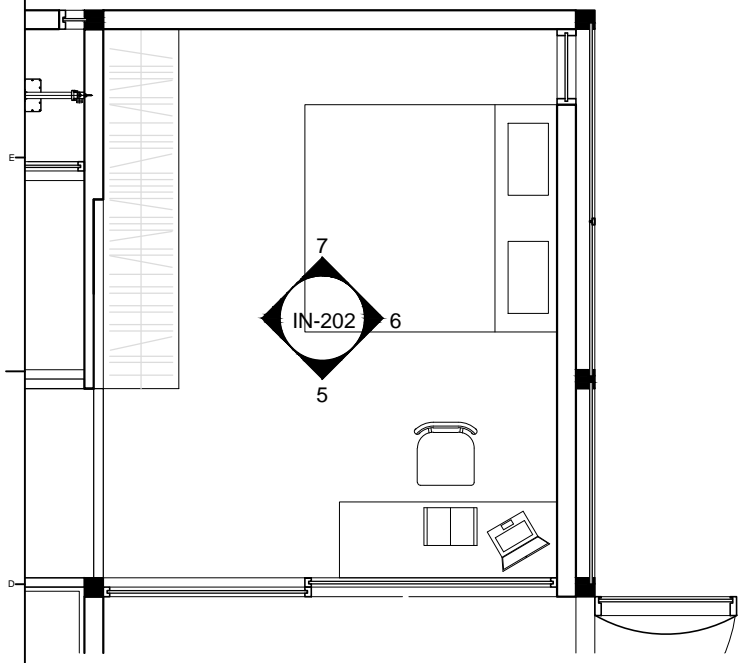


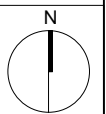
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: GC
Checked by: DN
Scale: 1:60

DWG. Title
ELEVATIONS 3

DWG. No.
IN-203



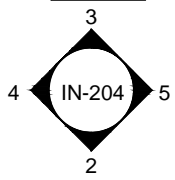
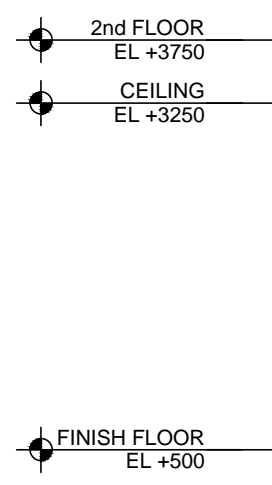
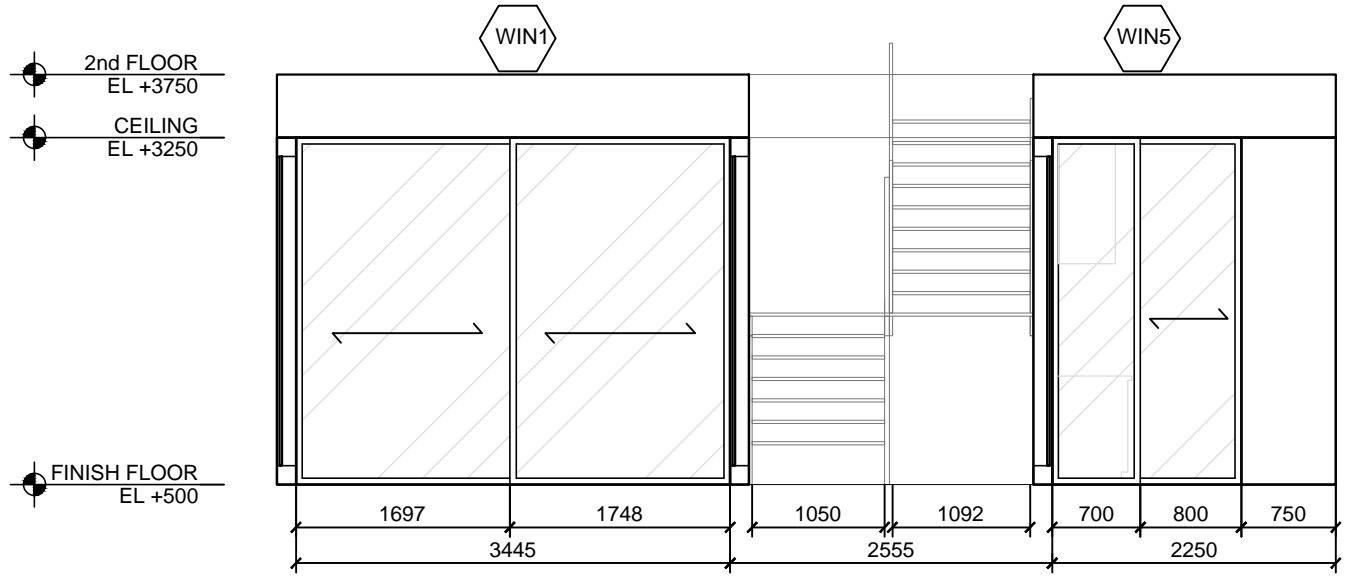
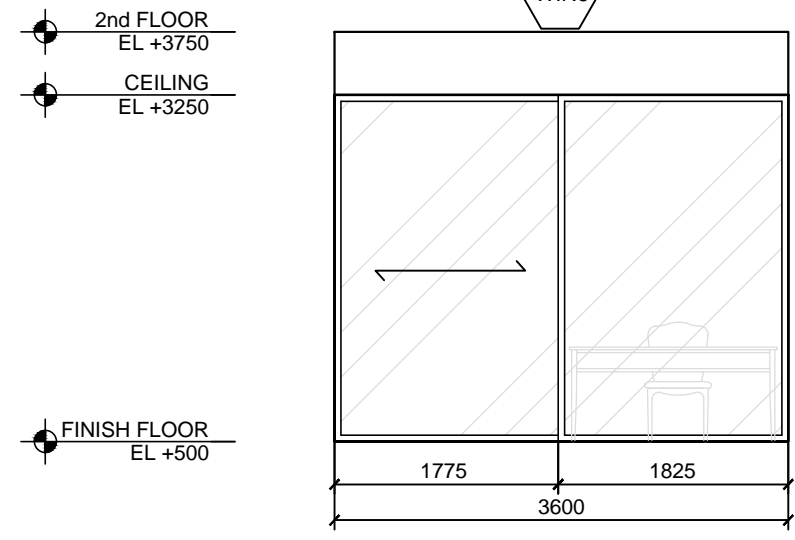
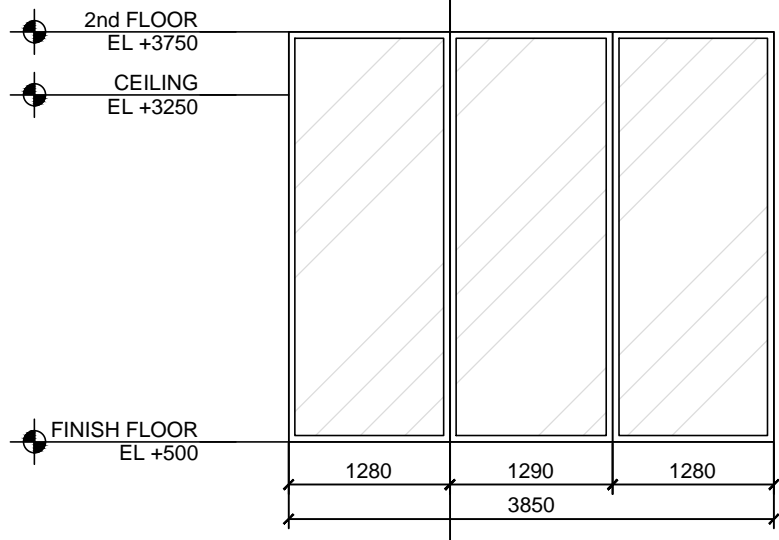
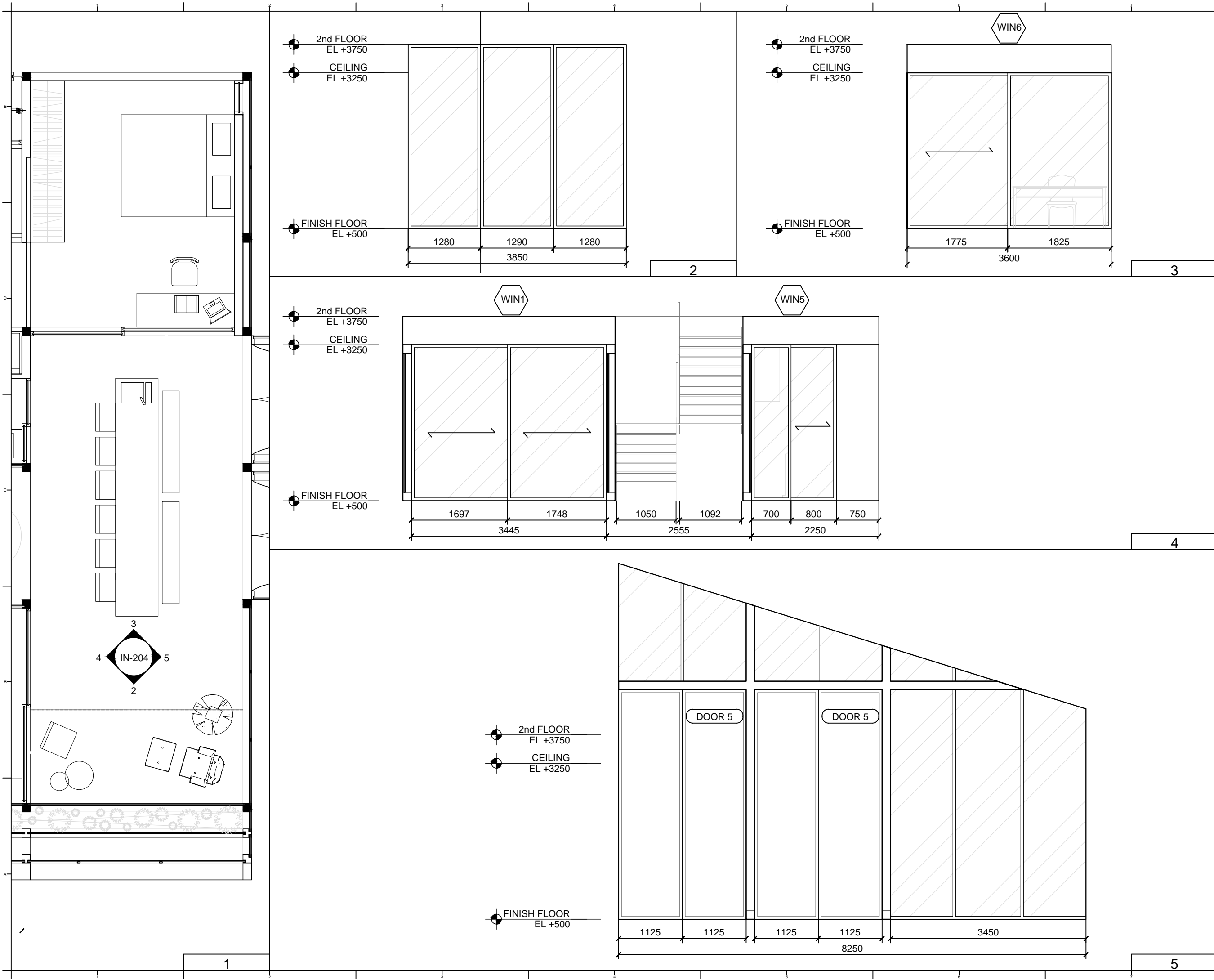


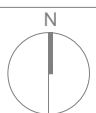
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
ELEVATIONS 4

DWG. No.
IN-204



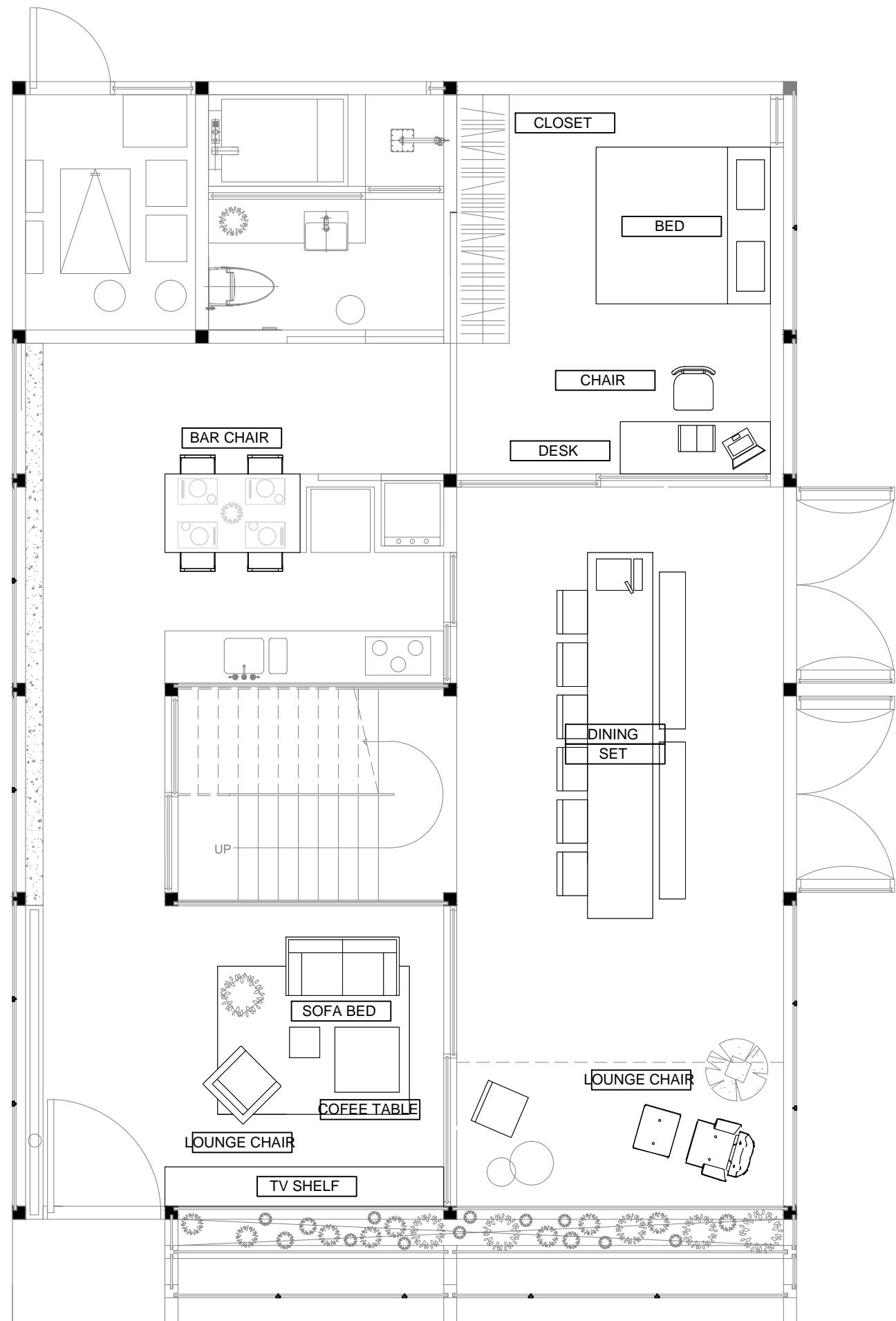


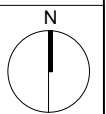
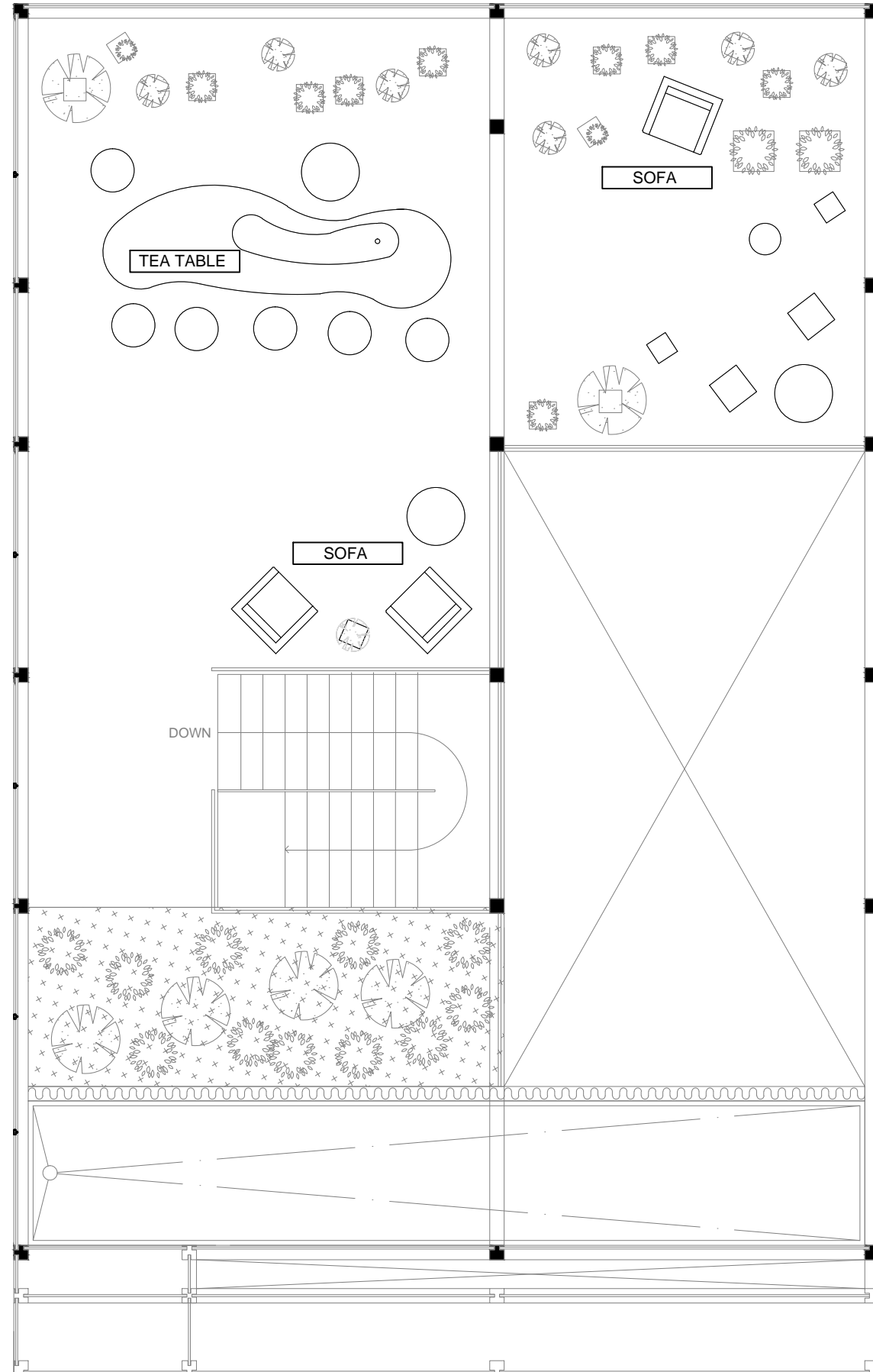
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
GROUND FLOOR FURNISHINGS

DWG. No.
IN-301



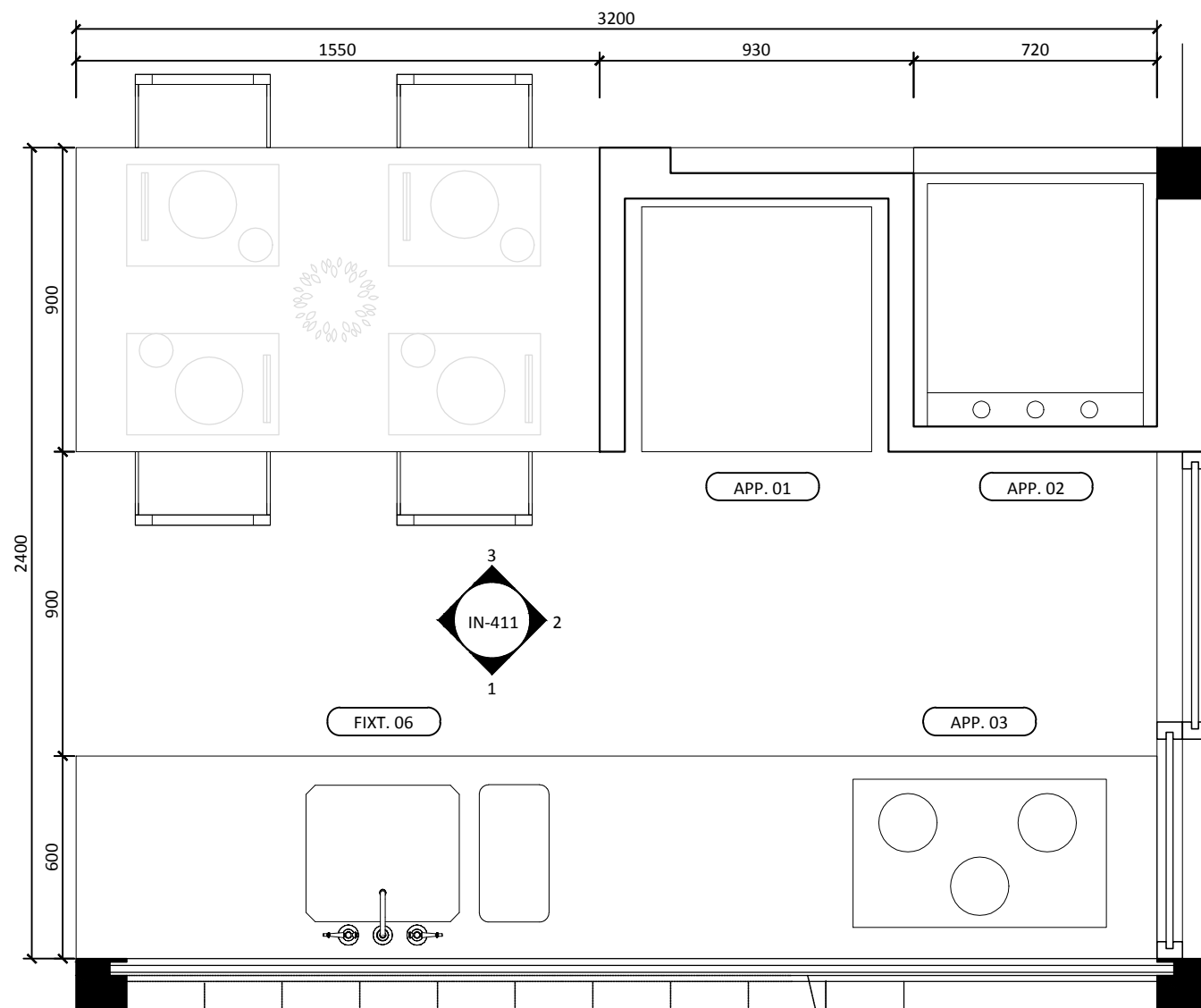


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:60

DWG. Title
**MEZZANINE FLOOR
FURNISHINGS**

DWG. No.
IN-302



APPLIANCE LIST

APP. No	TYPE	BRAND	LOCATION	SIZE (W*D*H)	NOTE
APP. 01	REFRIGERATOR	SANYO	KITCHEN	646*700*1696	
APP. 02	LANDRY MACHINE	TOSHIBA	KITCHEN	665*1050*665	
APP. 03	INDUCTION TOP	ARISTON	KITCHEN	W 900	
APP. 04	OVEN	ARISTON	KITCHEN	595*545*595	
APP. 05	HOOD	ARISTON	KITCHEN	898*493*720	
APP. 06	DISH WASHER	ARISTON	KITCHEN	600*600*820	
APP. 07	TV	CHIMEI	LIVING ROOM	680*160*74	
APP. 08	LAPTOP COMP.	ASUS	WORKSTATION	420*287*36	



Project:



Institution:



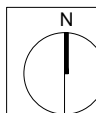
NCTU Architecture
國立交通大學建築研究所

Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: GC
Checked by: DN
Scale: 1:20

DWG. Title: KITCHEN PLAN
DWG. No.: IN-401

Project:



Institution:



NCTU Architecture
國立交通大學建築研究所

Team Name: NCTU/UNICODE

Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan

Contact: www.sde.tw



Consultants:

Note:

Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by GC

Checked by DN

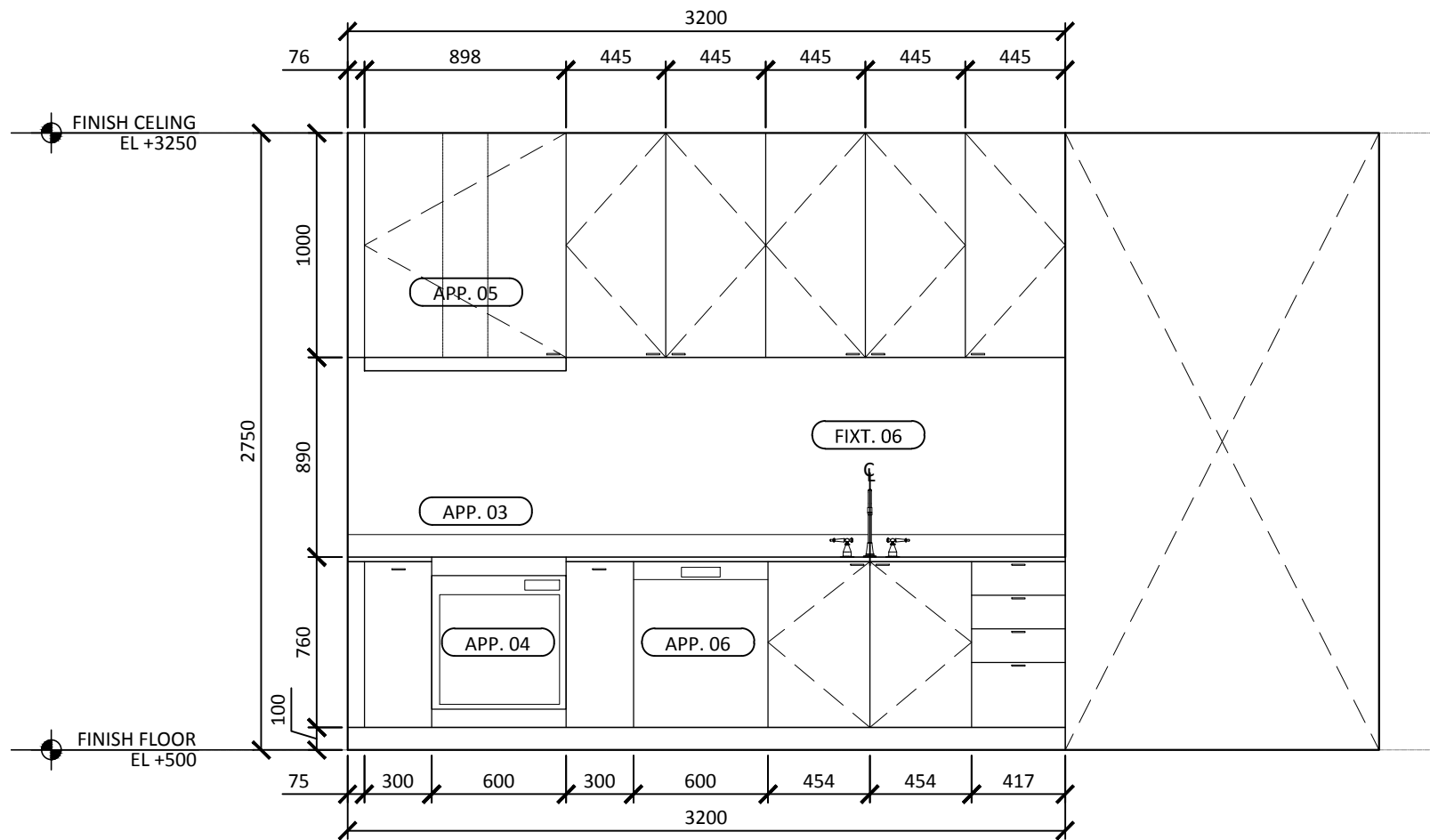
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DWG. Title

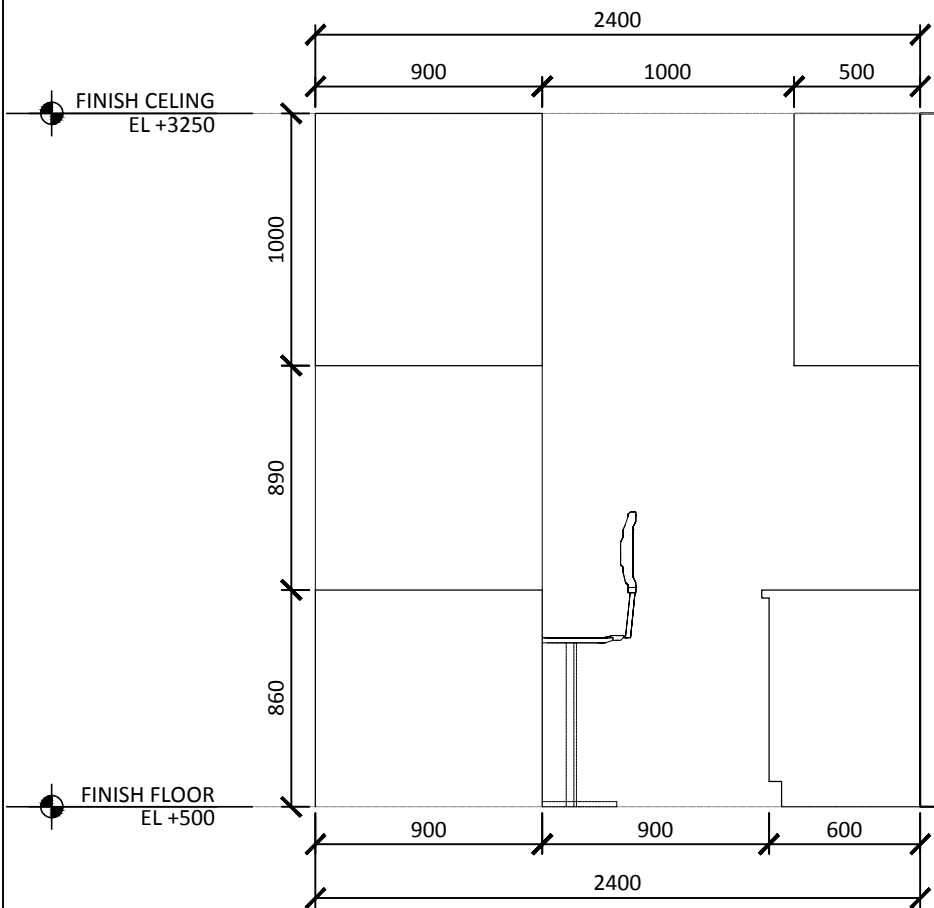
KITCHEN ELEVATION

DWG. No.

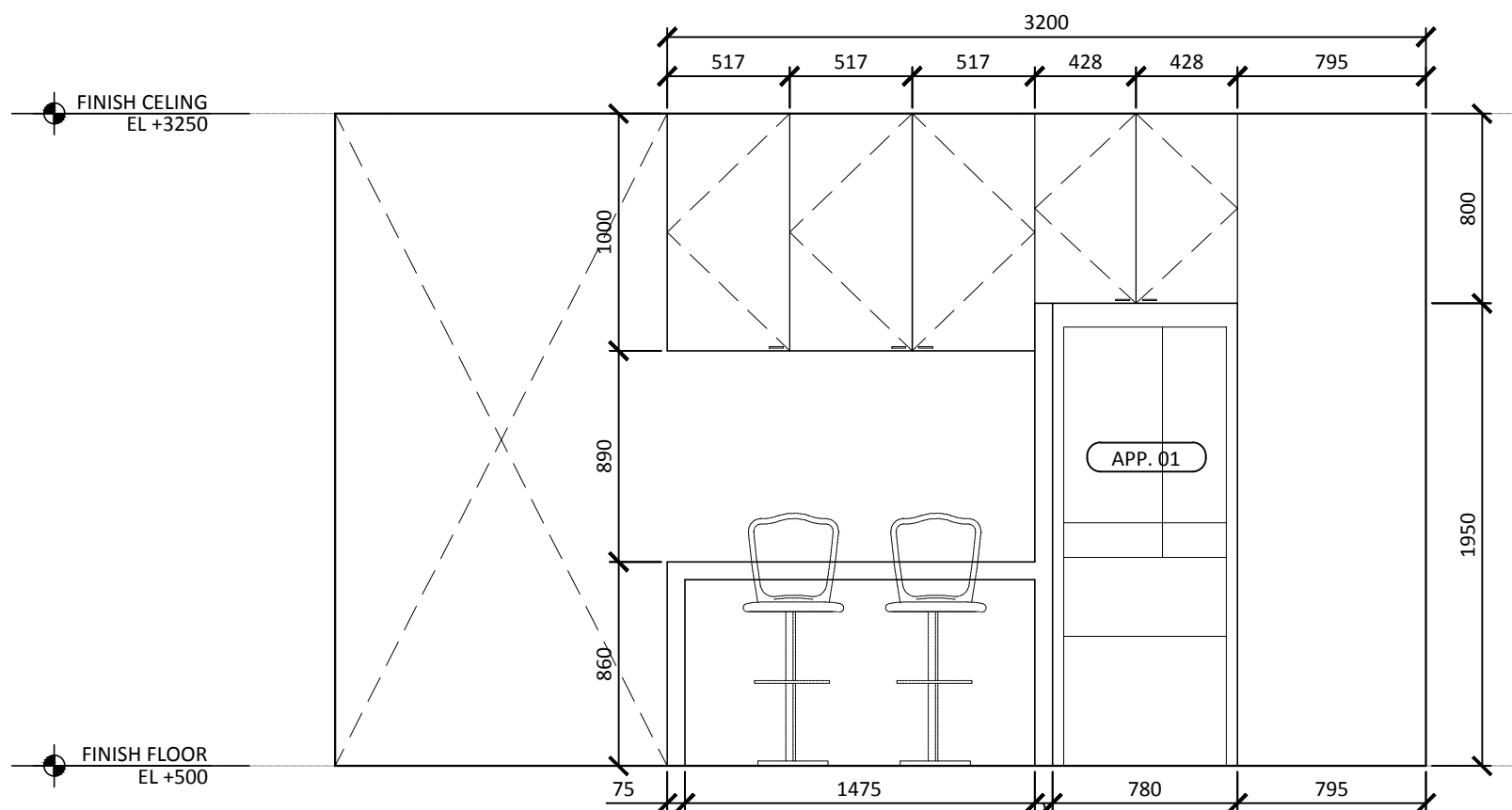
IN-411



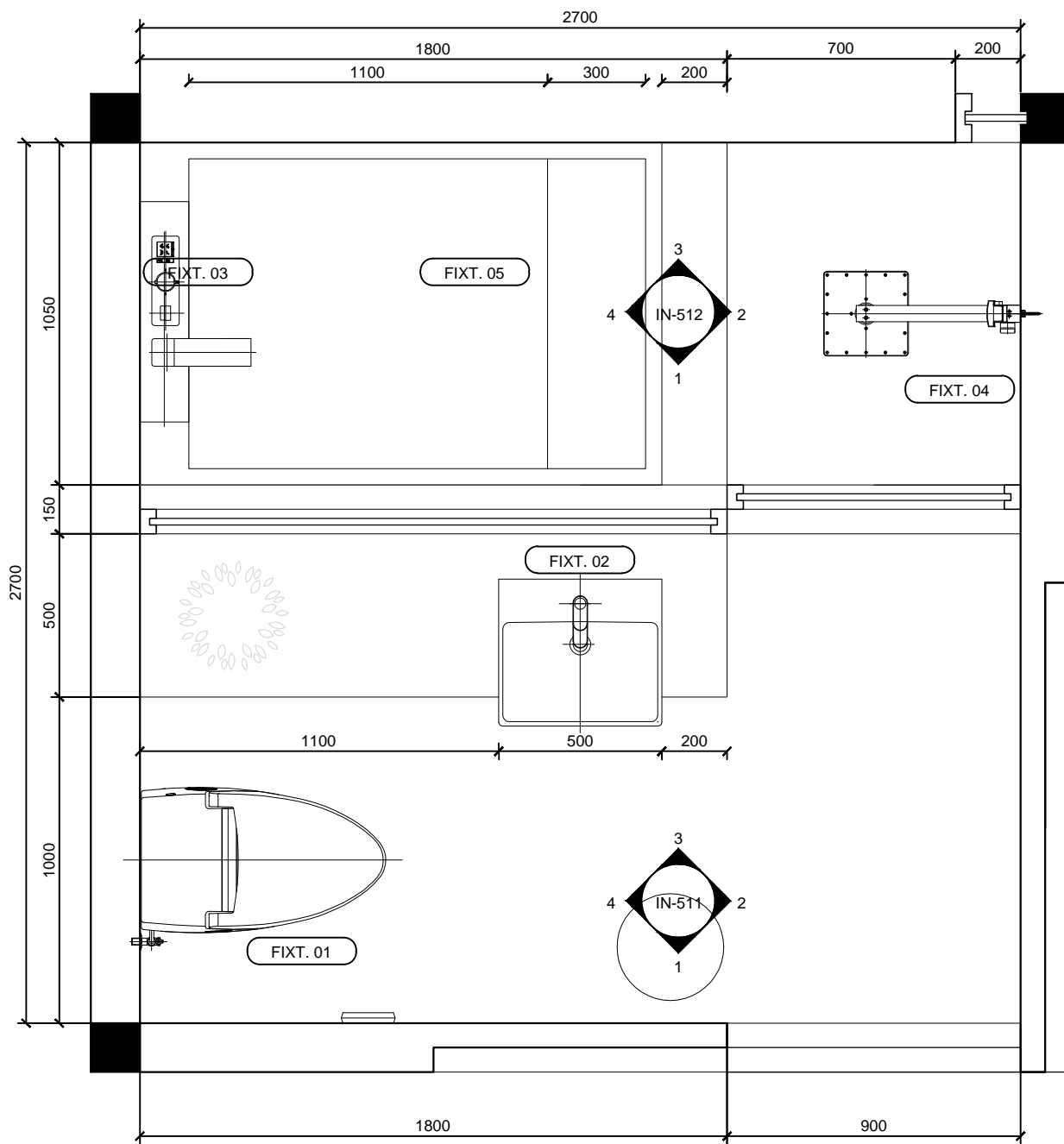
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2



3



FIXED FURNITURE LIST

FIXT. No	TYPE	BRAND	LOCATION	SIZE (W*D*H)	NOTE
FIXT. 01	TOILET	TOTO	BATHROOM	695*547*389	
FIXT. 02	LAVATORY	TOTO	BATHROOM	500*450*135	
FIXT. 03	FAUCET	TOTO	BATHROOM		
FIXT. 04	SHOWER	TOTO	BATHROOM		
FIXT. 05	TAB	TOTO	BATHROOM	1600*800*590	
FIXT. 06	FAUCET	TOTO	KITCHEN		



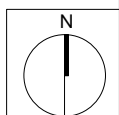
NCTU Architecture
國立交通大學建築研究所

Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by GC
Checked by DN
Scale 1:10

DWG. Title
BATHROOM PLAN
DWG. No.
IN-501



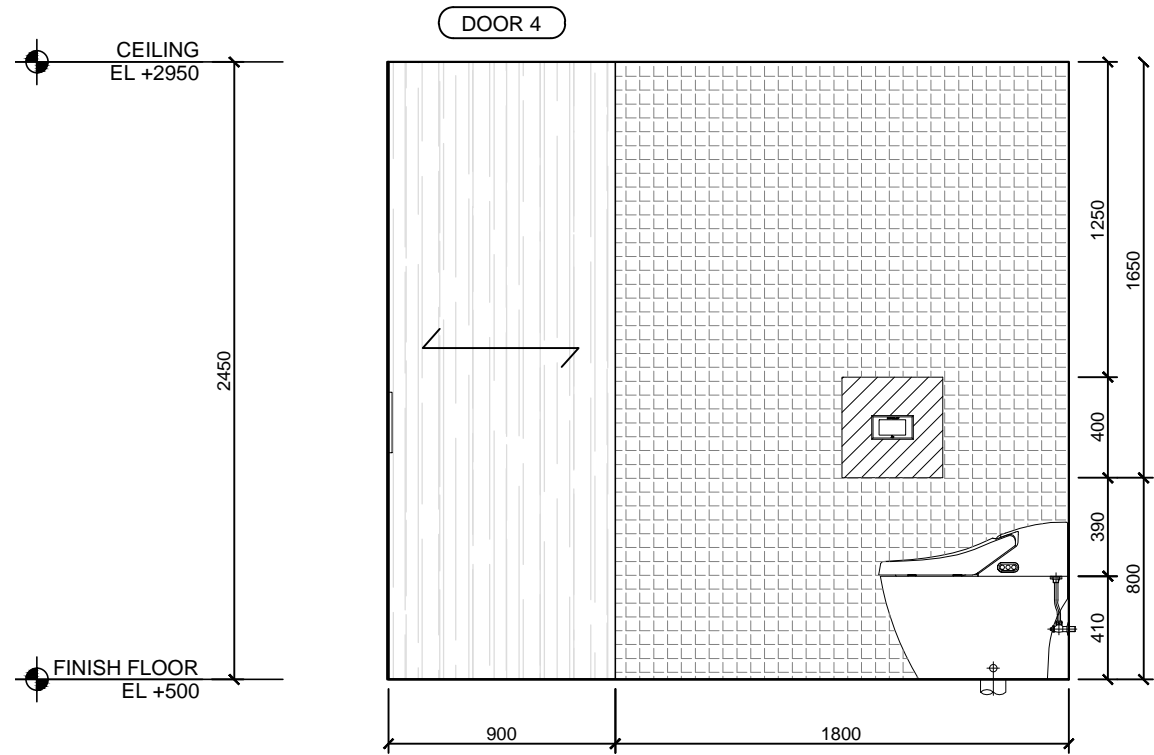
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:30

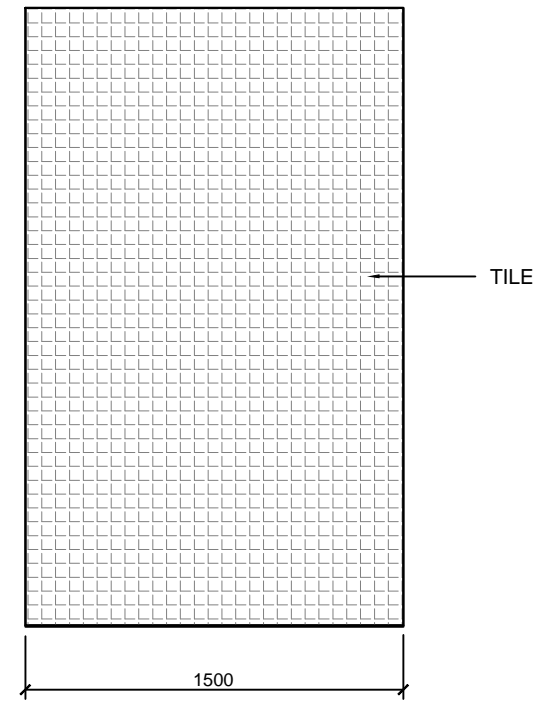
DWG. Title
BATHROOM ELEVATIONS

DWG. No.

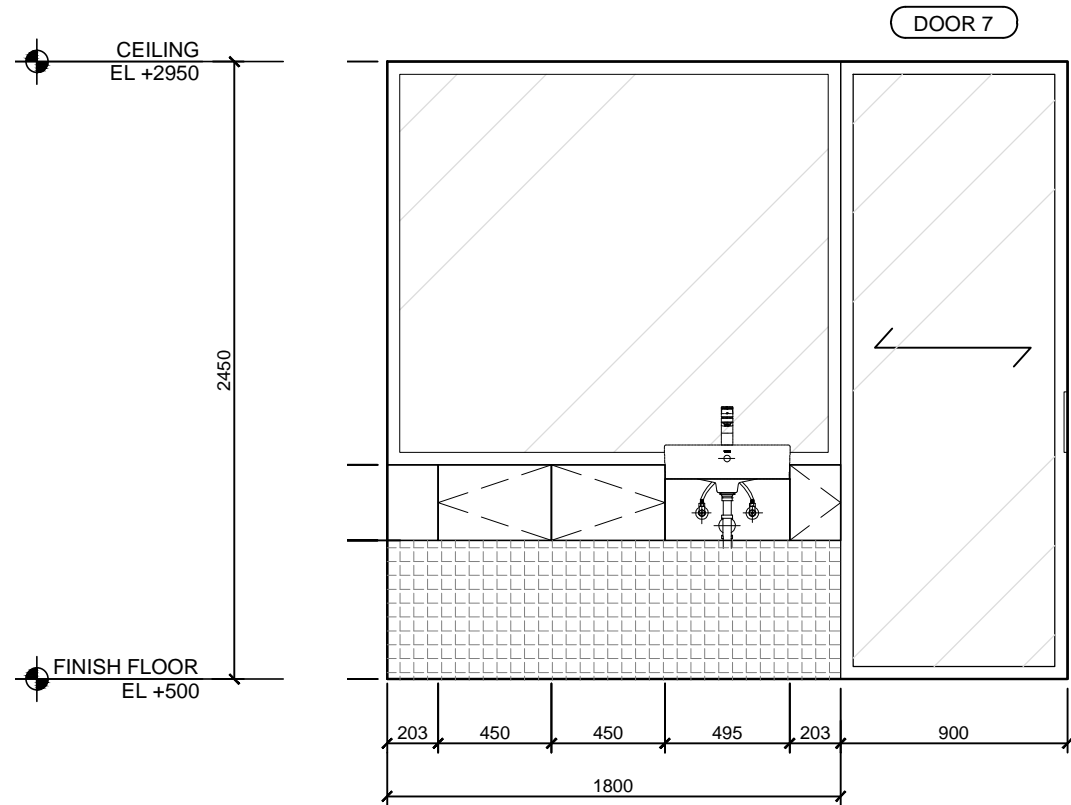
IN-511



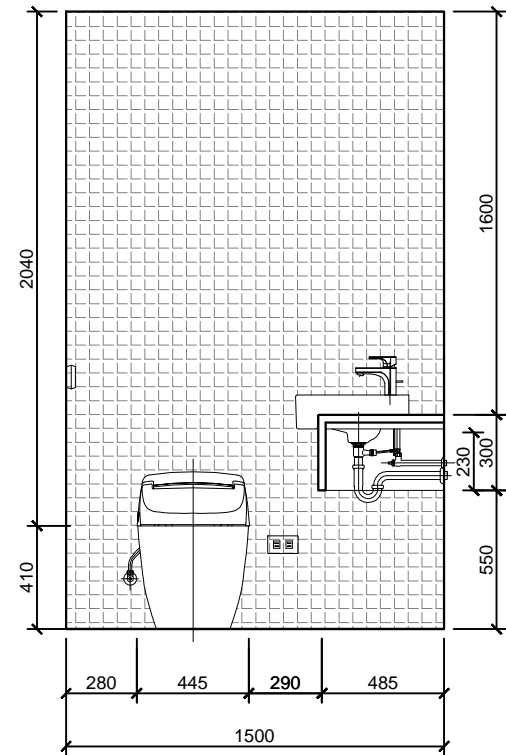
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2



3



4



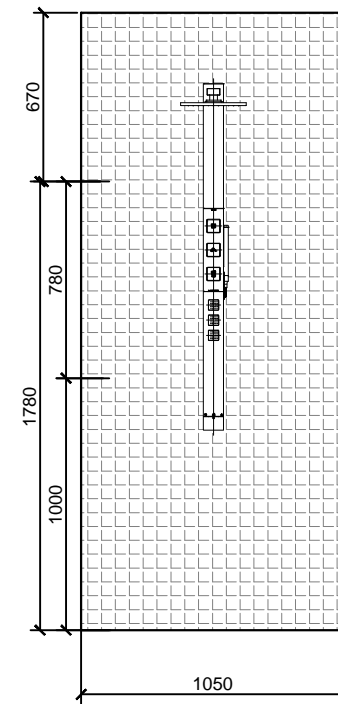
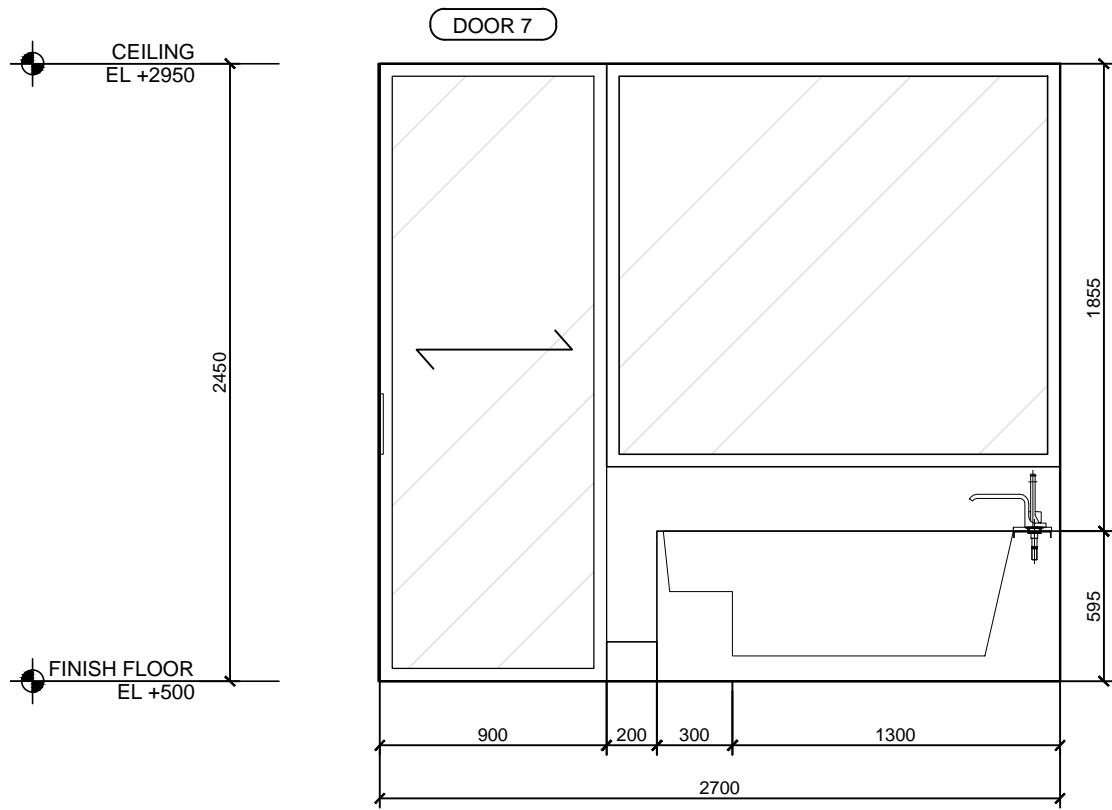
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	1:30

DWG. Title
BATHROOM ELEVATIONS

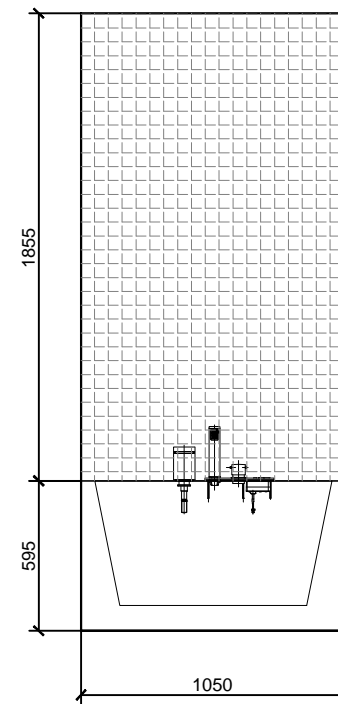
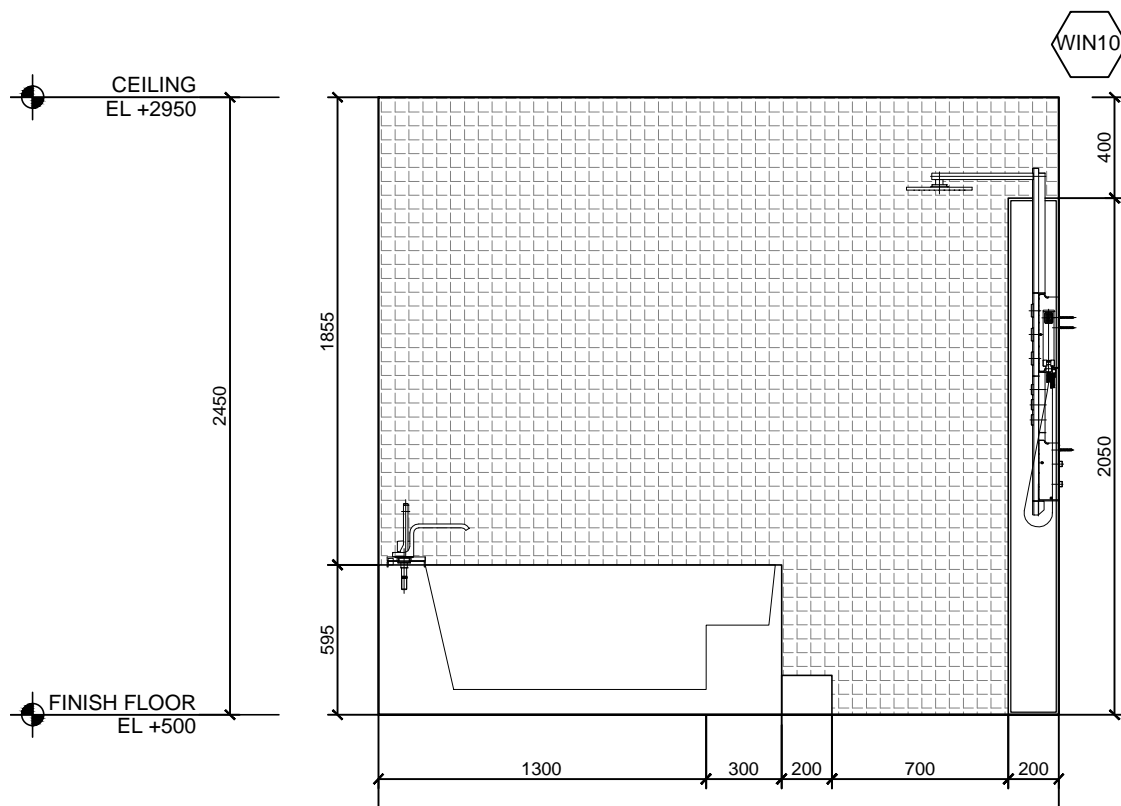
DWG. No.

IN-512



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2

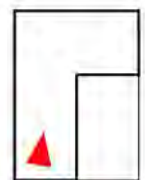
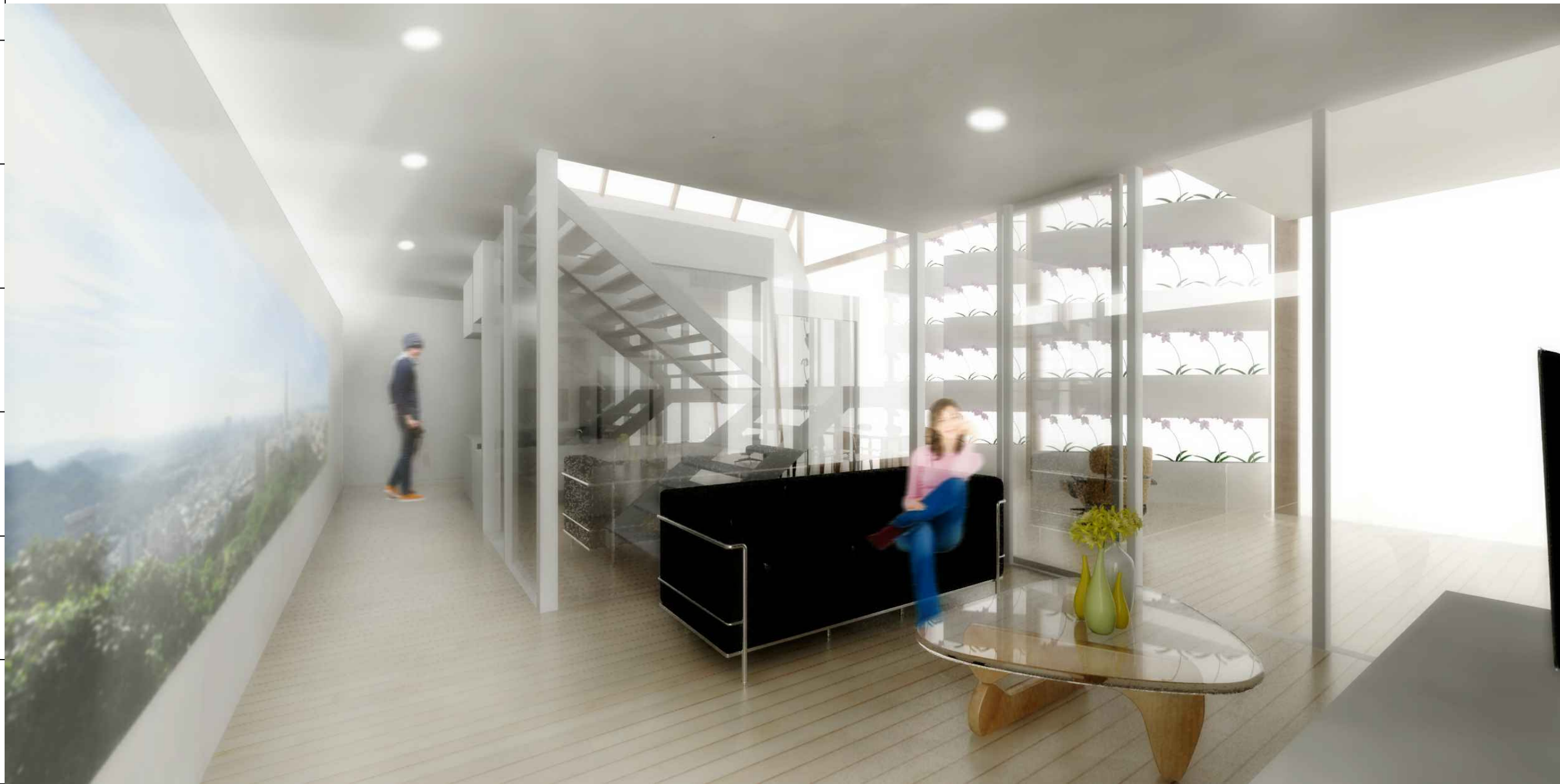


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4



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	-

DWG. Title
**INTERIOR RENDERINGS
 VIEW FROM TERRACE**

DWG. No.
IN-602



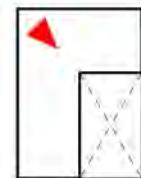


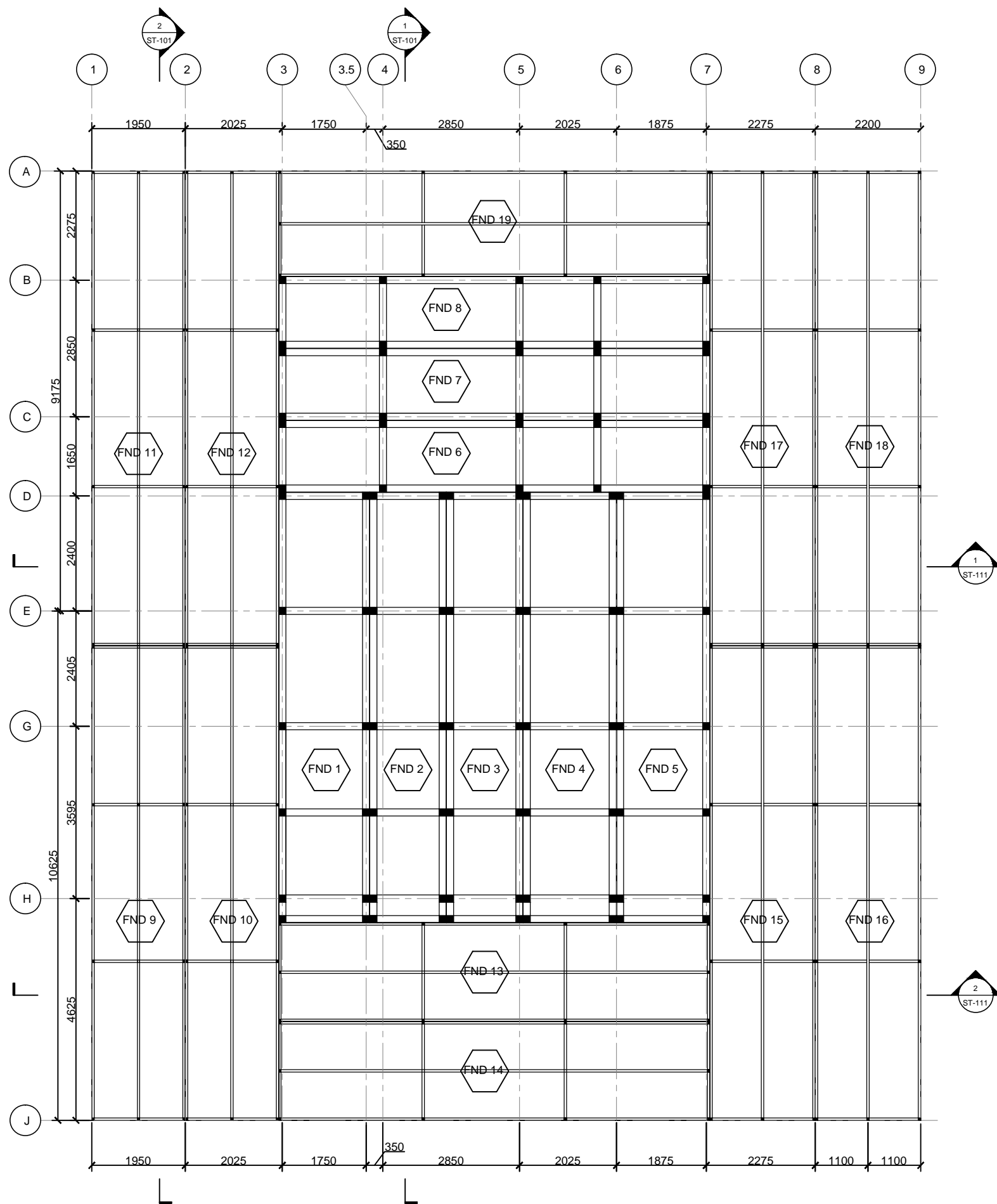
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by GC
Checked by DN
Scale -

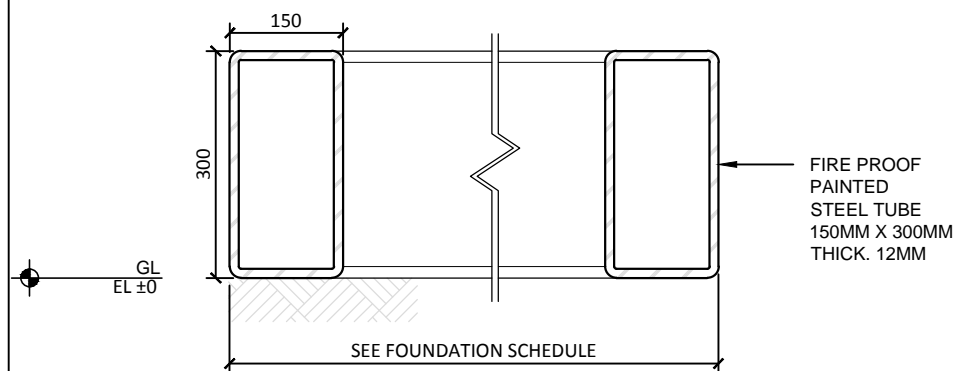
DWG. Title
INTERIOR RENDERINGS
VIEW FROM MEZZANINE

DWG. No.
IN-603

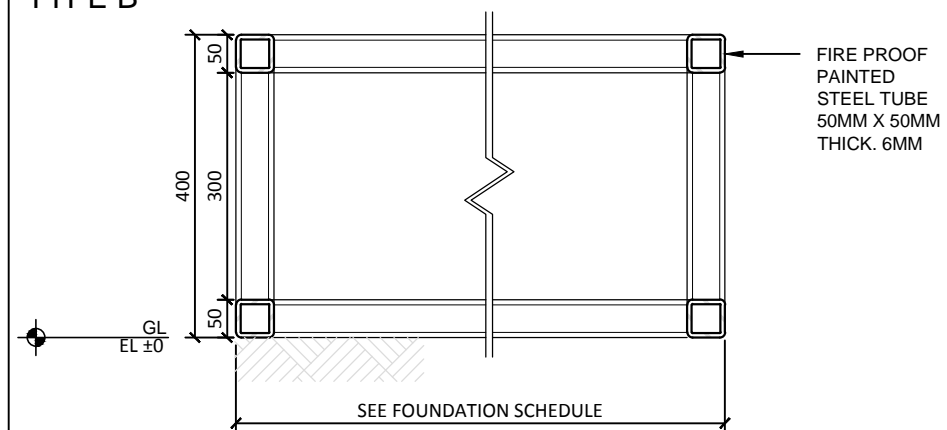




TYPE A

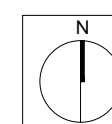


TYPE B



FOUNDATION SCHEDULE

FND. No.	TYPE	WIDTH	LENGTH	HEIGHT
1	A	1900	8980	300
2	A	1600	8980	300
3	A	1600	8980	300
4	A	1950	8980	300
5	A	1950	8980	300
6	A	1500	9000	300
7	A	1500	9000	300
8	A	1500	9000	300
9	B	1950	9900	400
10	B	1950	9900	400
11	B	1950	9900	400
12	B	1950	9900	400
13	B	2060	9900	400
14	B	2060	9900	400
15	B	2200	9900	400
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18	B	2200	9900	400
19	B	2200	9000	400

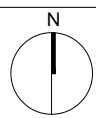


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
Checked by	DN
Scale	1:100

DWG. Title
 FOUNDATION PLAN AND DETAILS

DWG. No.
 ST-001

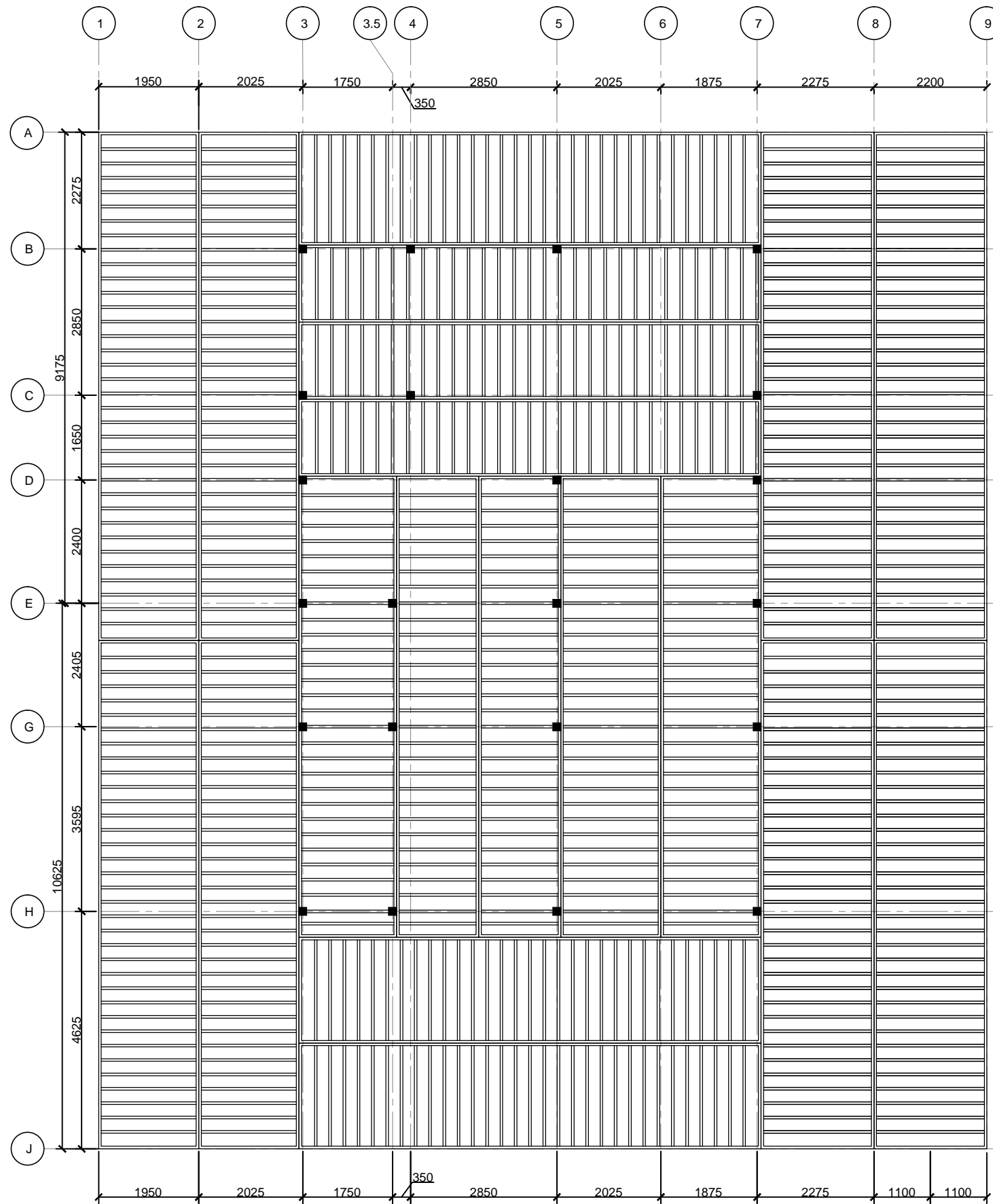


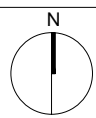
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
Checked by	DN
Scale	1:100

DWG. Title
STRUCTURAL FLOOR FRAMING PLAN

DWG. No.
ST-002



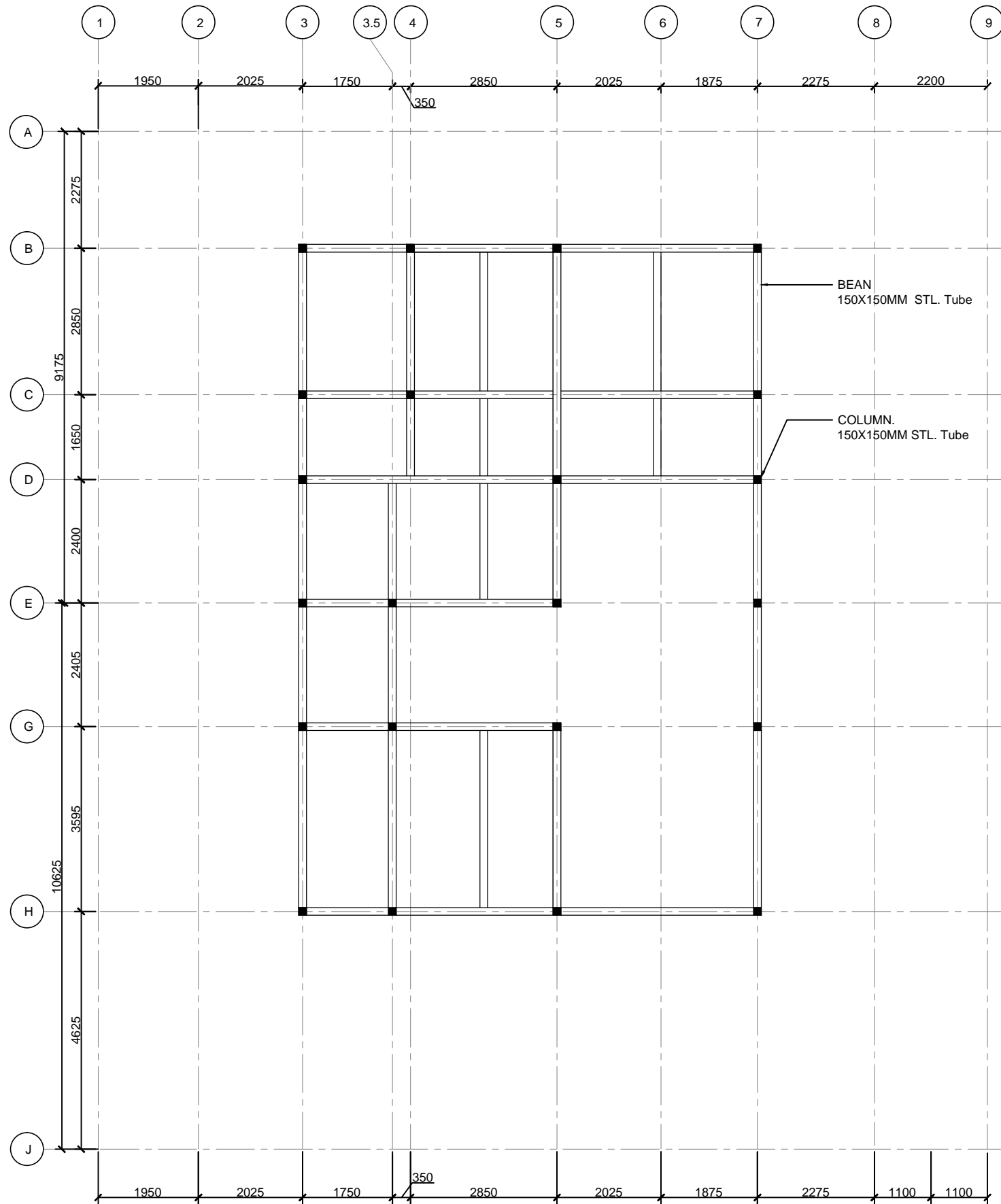


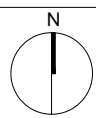
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
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DWG. Title
STRUCTURAL FLOOR PLAN

DWG. No.
ST-011



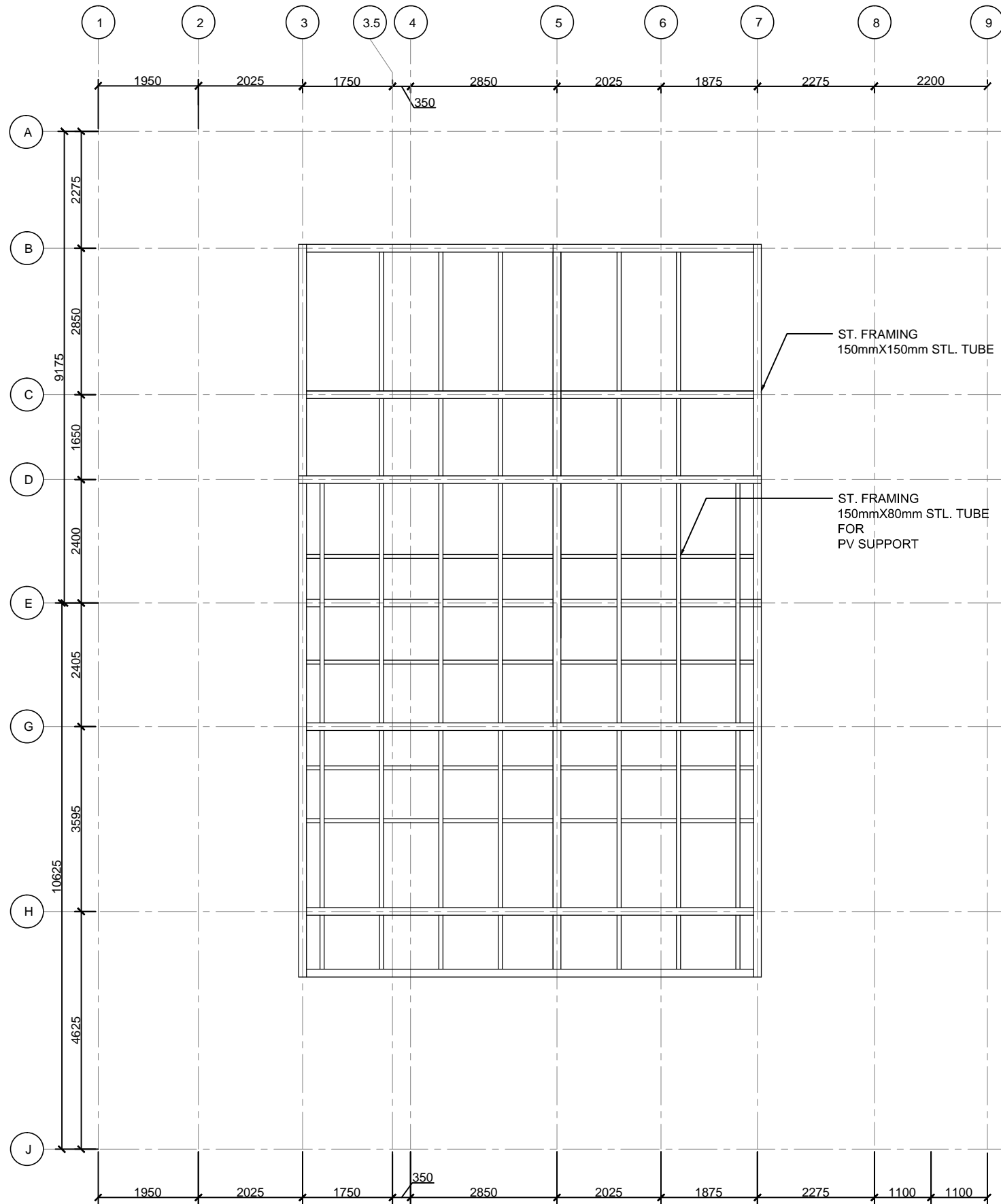


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
Checked by	DN
Scale	1:100

DWG. Title
STRUCTURAL ROOF PLAN

DWG. No.
ST-021

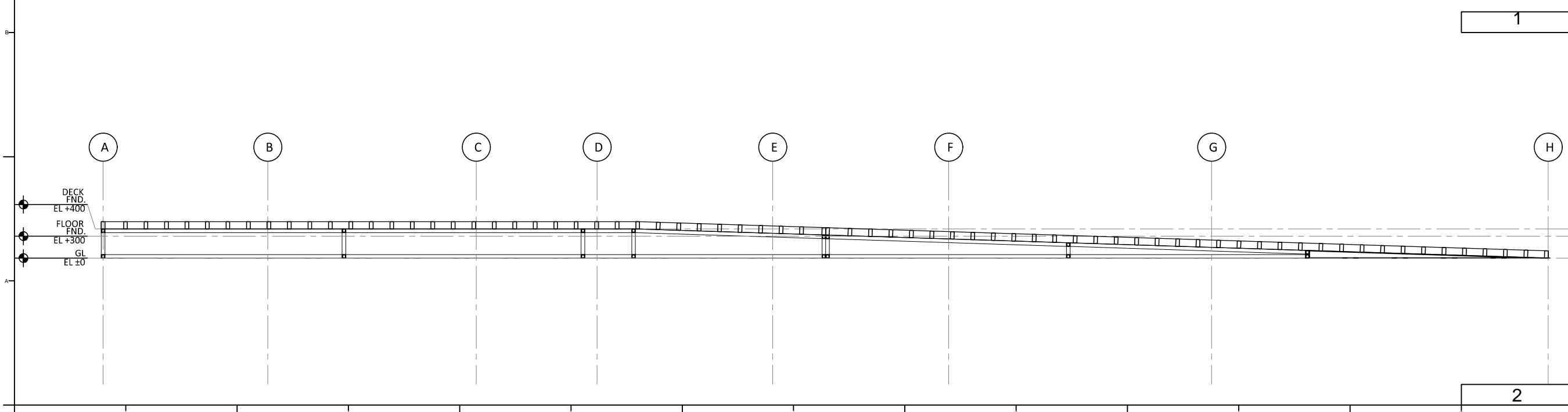
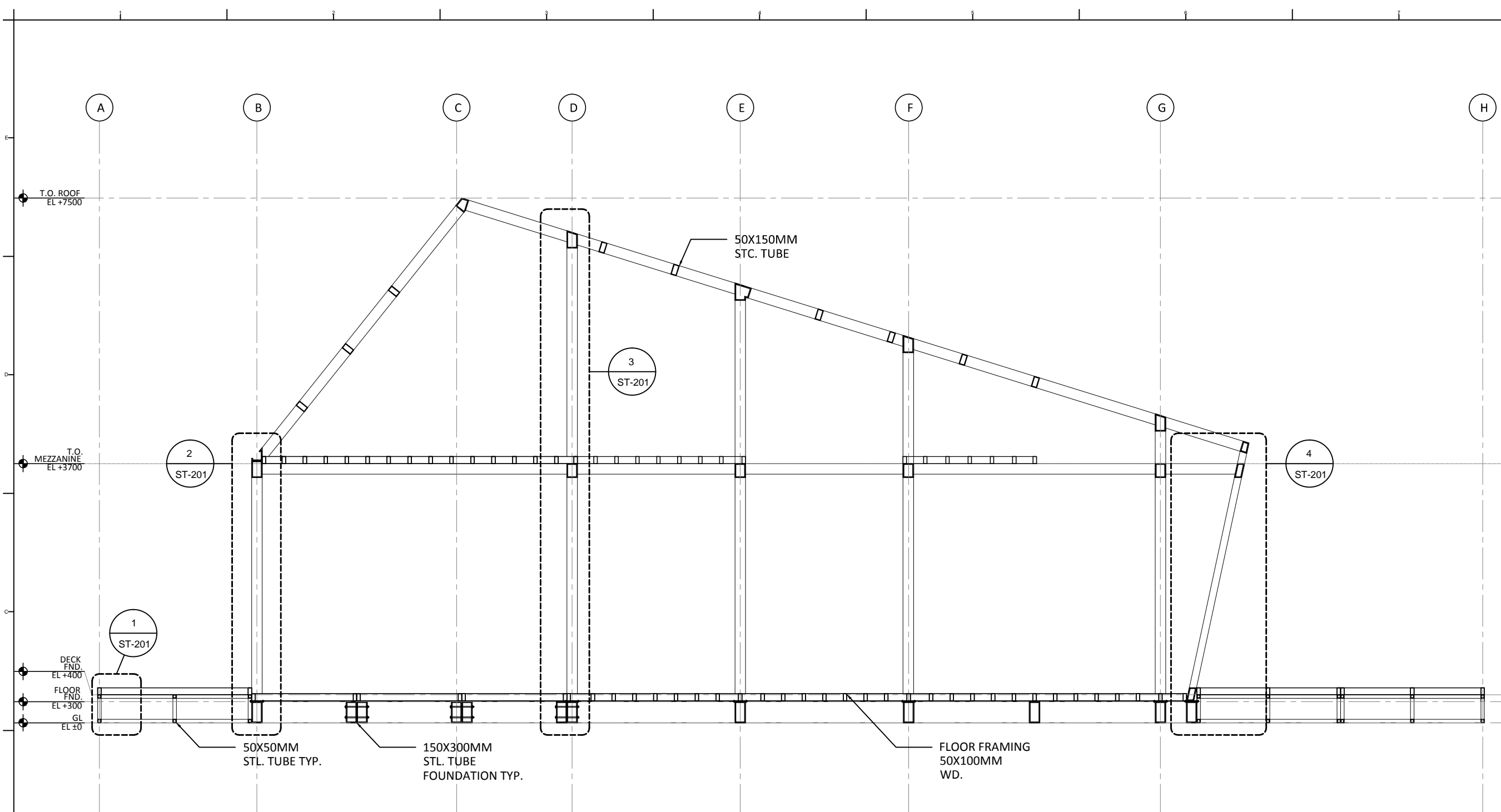




Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
Checked by	DN
Scale	1:60

DWG. Title	STRUCTURAL LONGITUDINAL SECTIONS
DWG. No.	ST-101



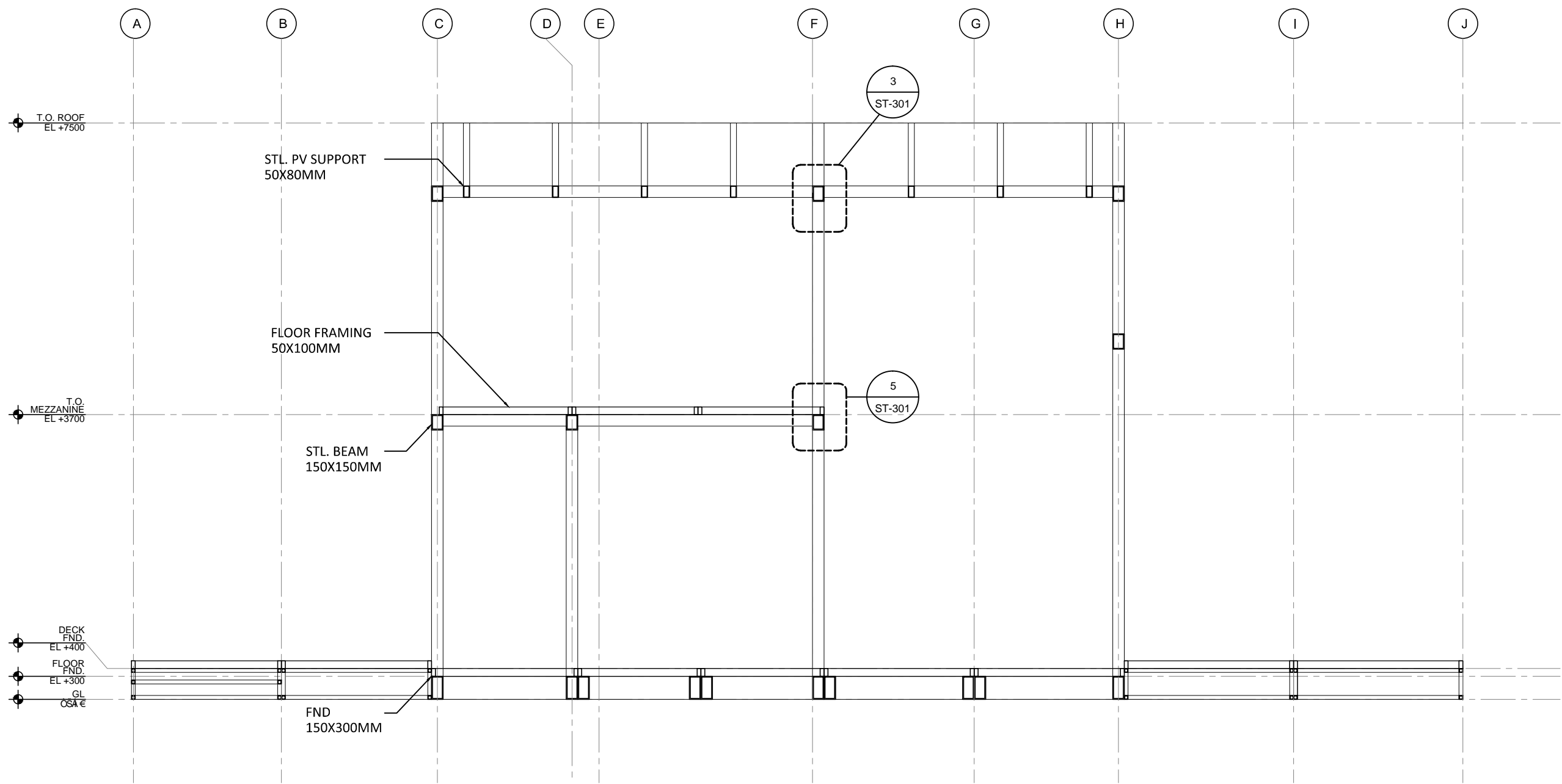


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

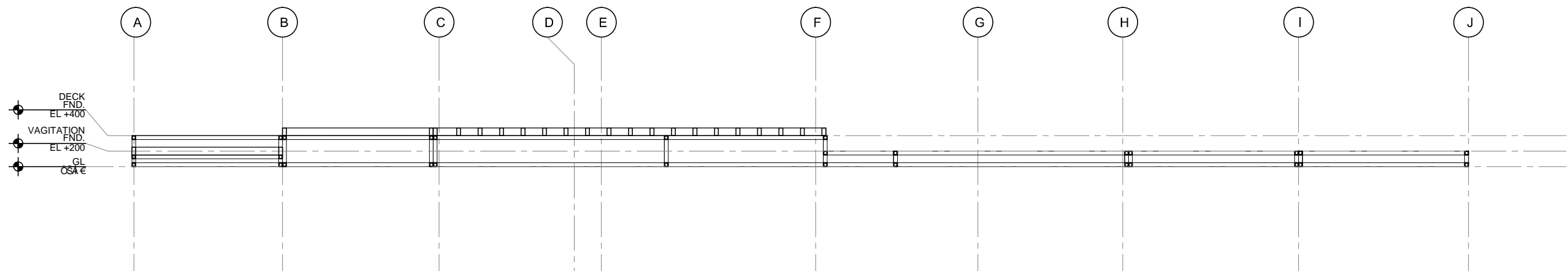
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Checked by	DN
Scale	1:60

DWG. Title
STRUCTURAL TRANSVERSAL SECTIONS

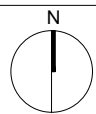
DWG. No.
ST-111



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2

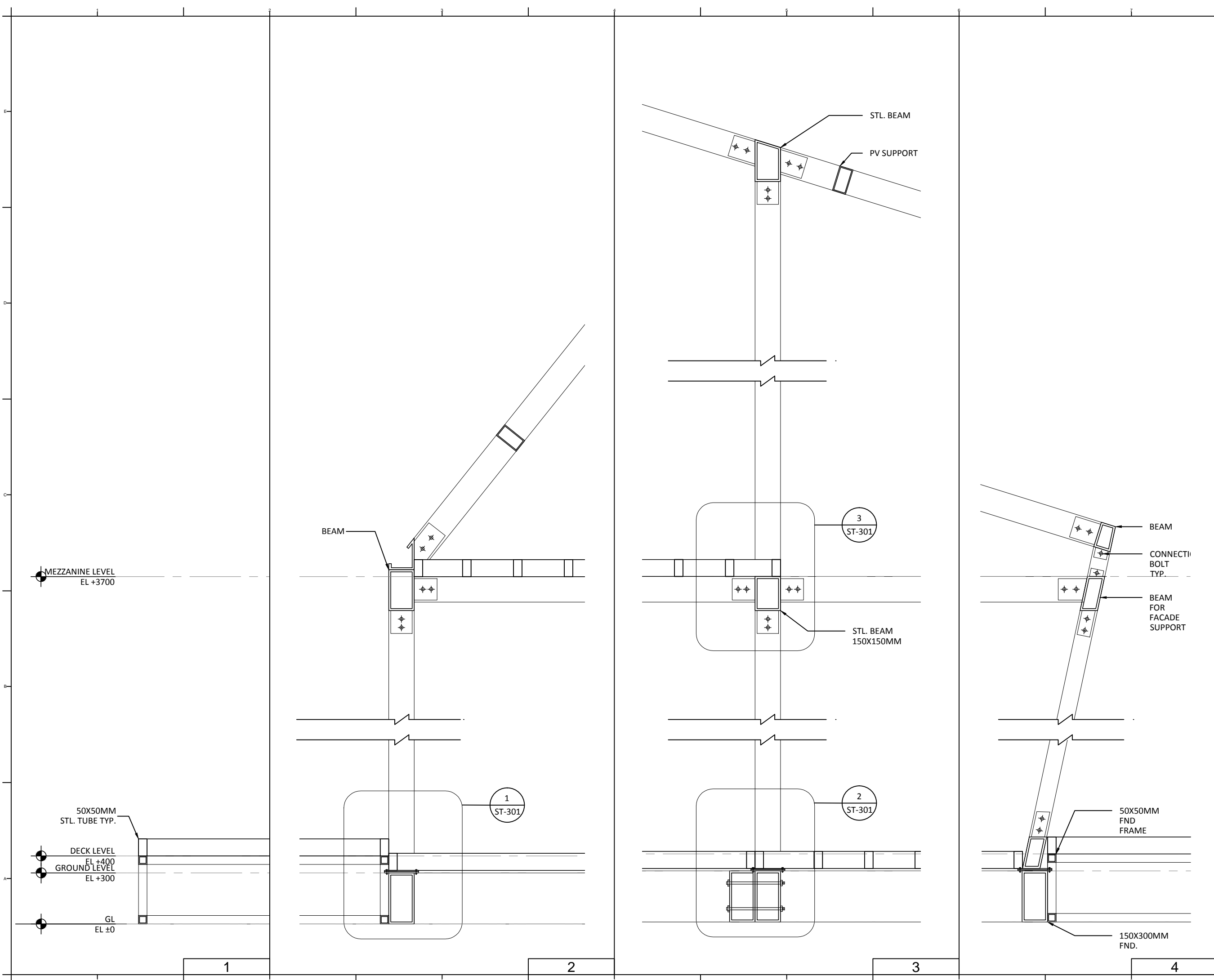


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	IW
Checked by	DN
Scale	1:20

DWG. Title
STRUCTURAL BLOW UPS

DWG. No.
ST-201



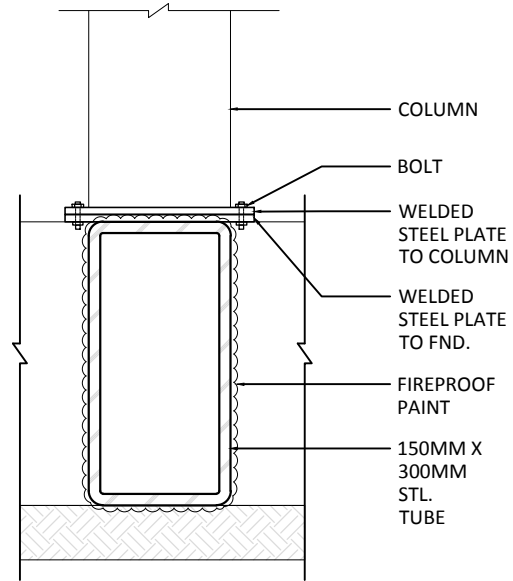


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

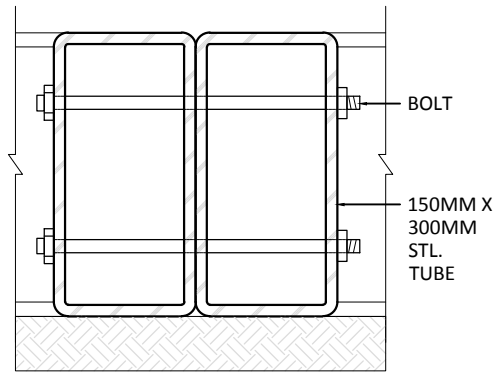
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Checked by	DN
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DWG. Title
STRUCTURAL DETAILS

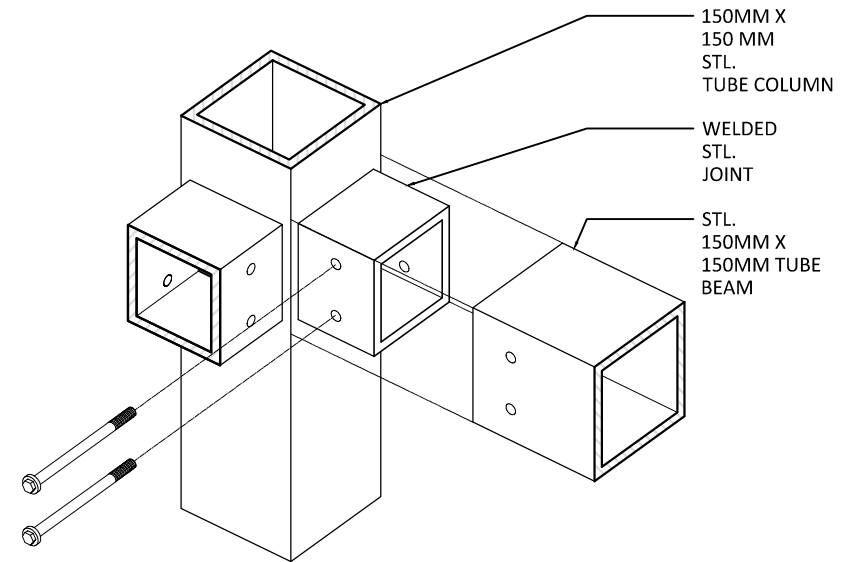
DWG. No.
ST-301



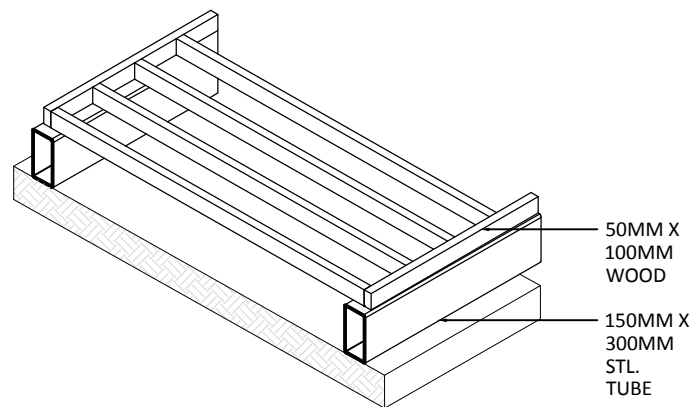
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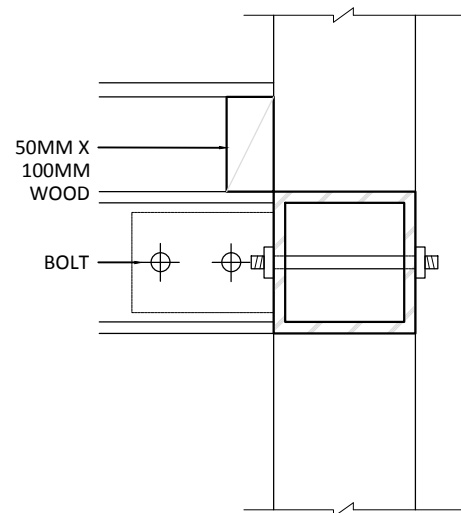
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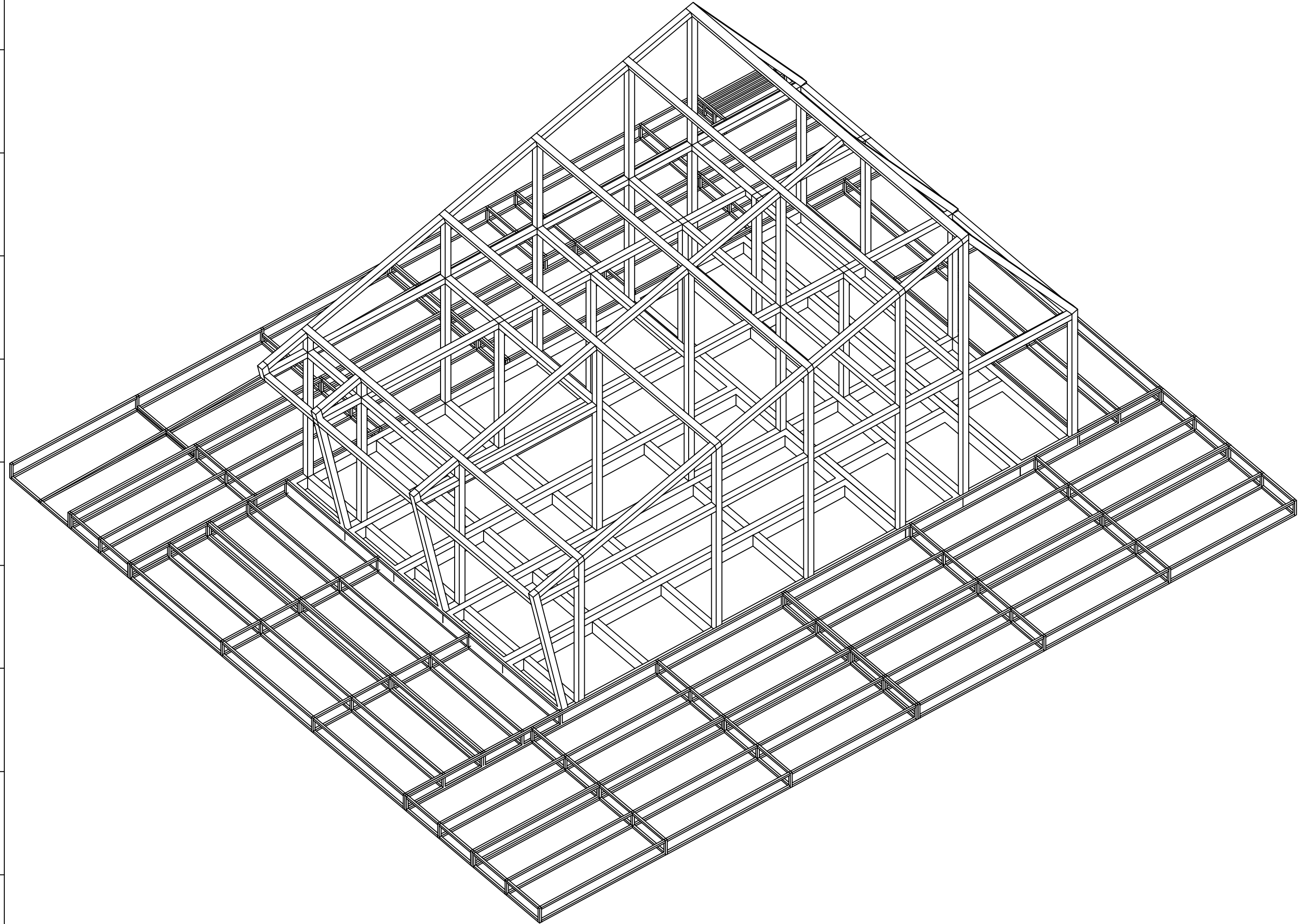
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4



5

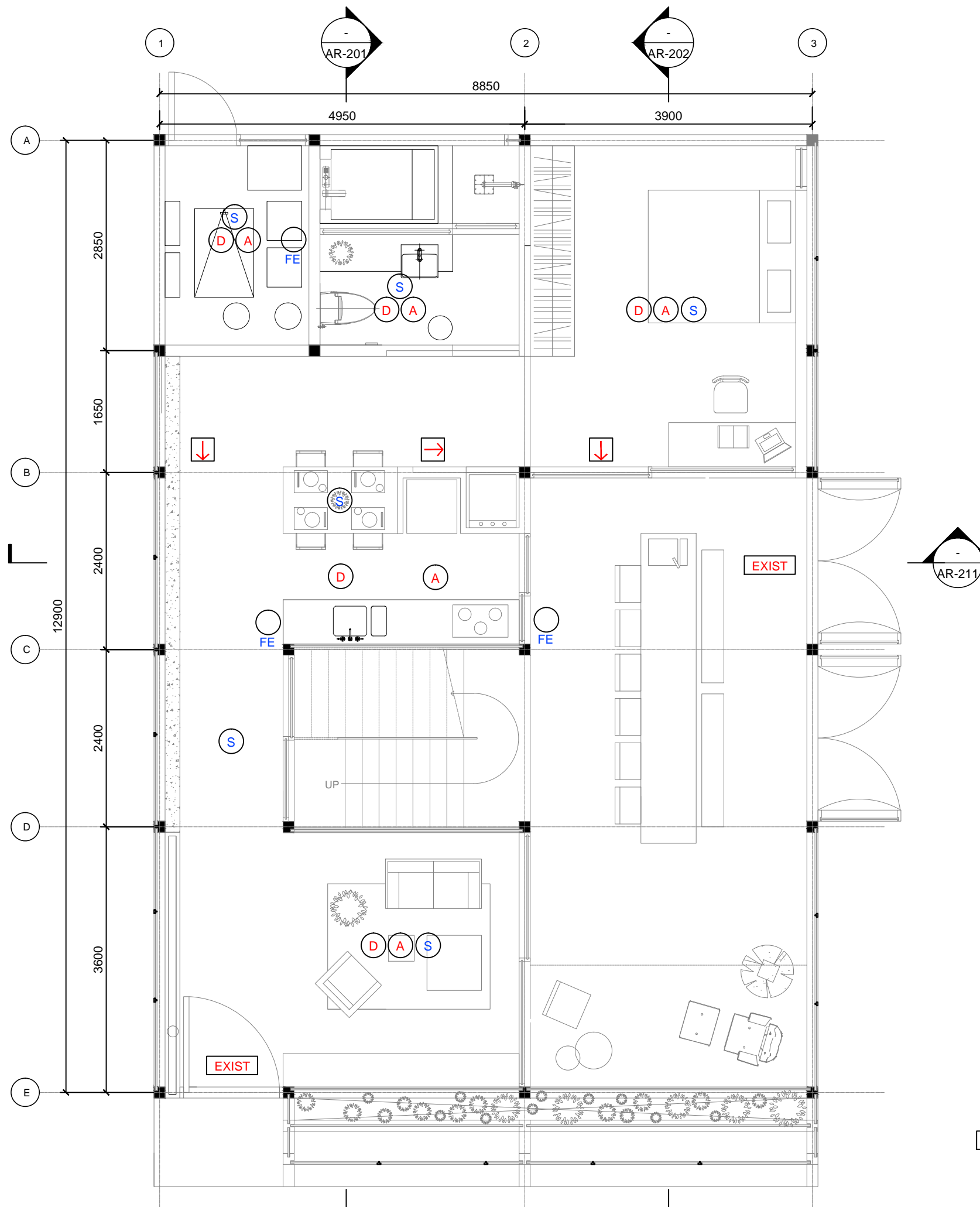


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

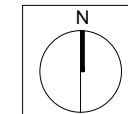
Drawn by: DN
 Checked by: DN
 Scale: -

DWG. Title
STRUCTURAL AXON

DWG. No.
ST-401



- S SPRINKLER
- D SMOKE DETECTOR
- A SMOKE ALARM
- FE FIRE EXTINGUISHER
- EXIST EXIST SIGN
- EXIST DIRECTION

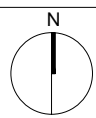


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	DN
Checked by	DN
Scale	1:60

DWG. Title
**FIRE PROTECTION
GROUND LEVEL**

DWG. No.
FP-001



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: DN

Checked by: DN

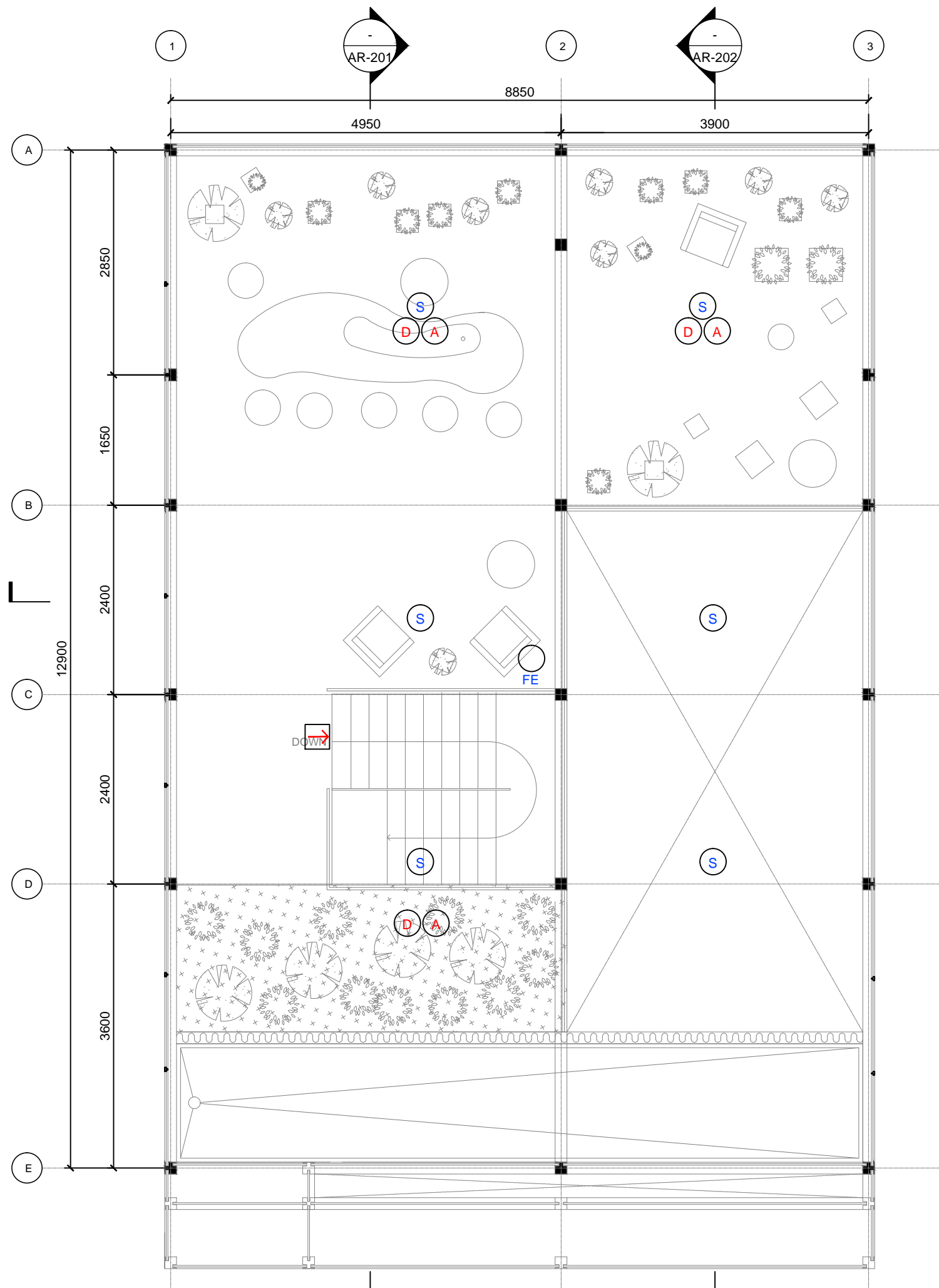
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DWG. Title

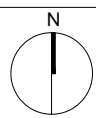
**FIRE PROTECTION
MEZZANINE LEVEL**

DWG. No.

FP-002



-  SPRINKLER
-  SMOKE DETECTOR
-  SMOKE ALARM
-  FIRE EXTINGUISHER
-  EXIST SIGN
-  EXIST DIRECTION

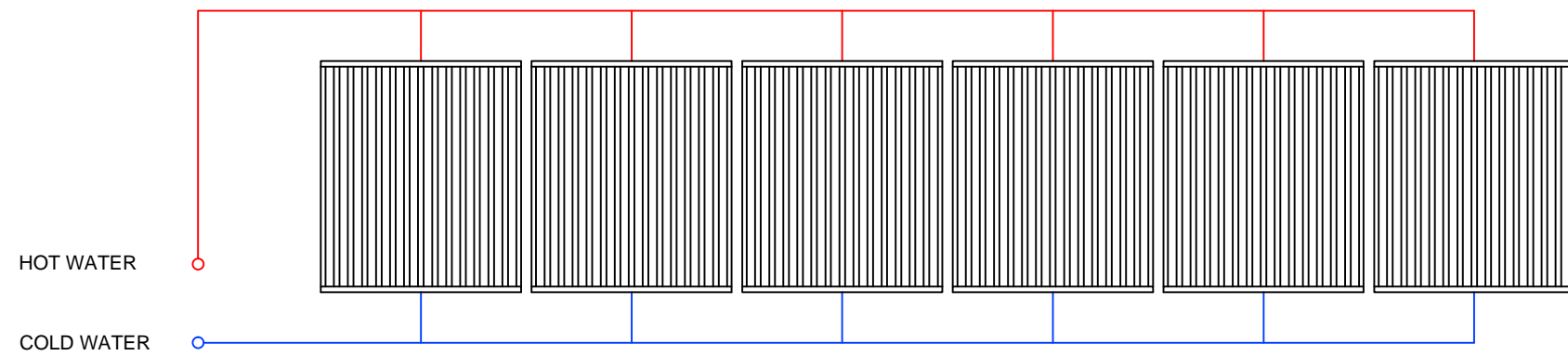


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

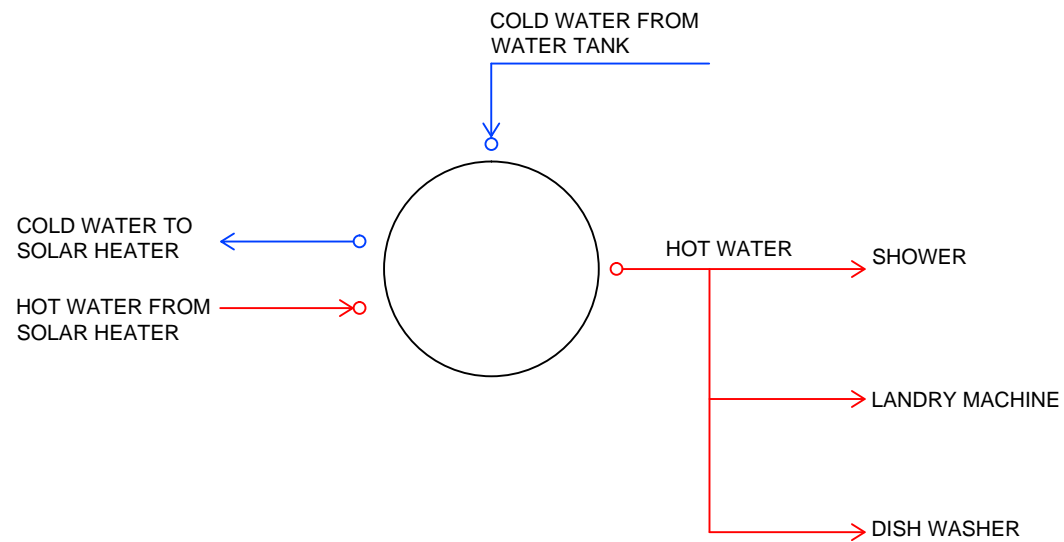
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DWG. Title
PLAN

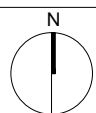
DWG. No.
SW-001



ROOF UNITS



TANK UNIT

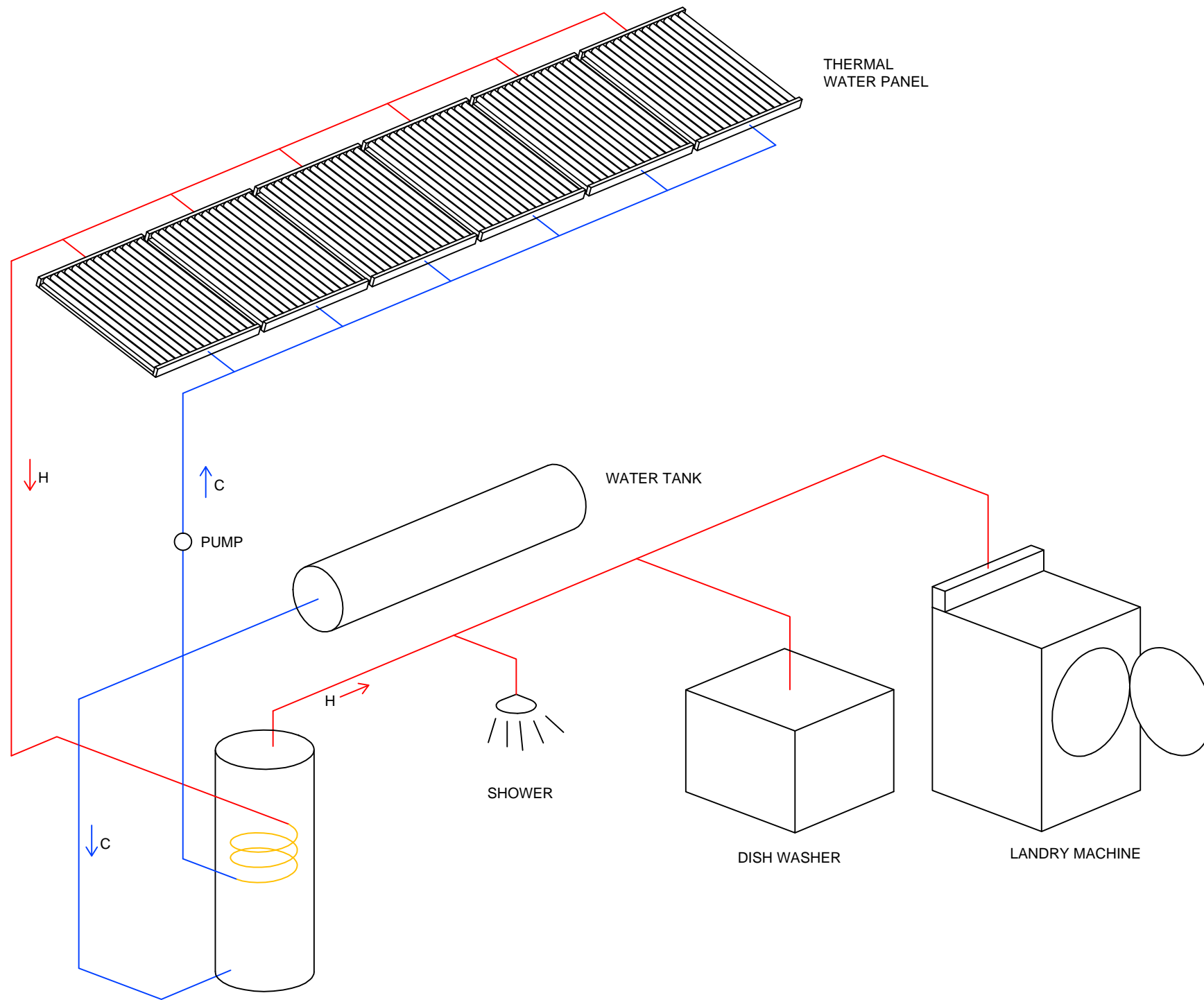


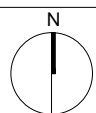
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	DN
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DWG. Title
ISOMETRIC

DWG. No.
SW-101



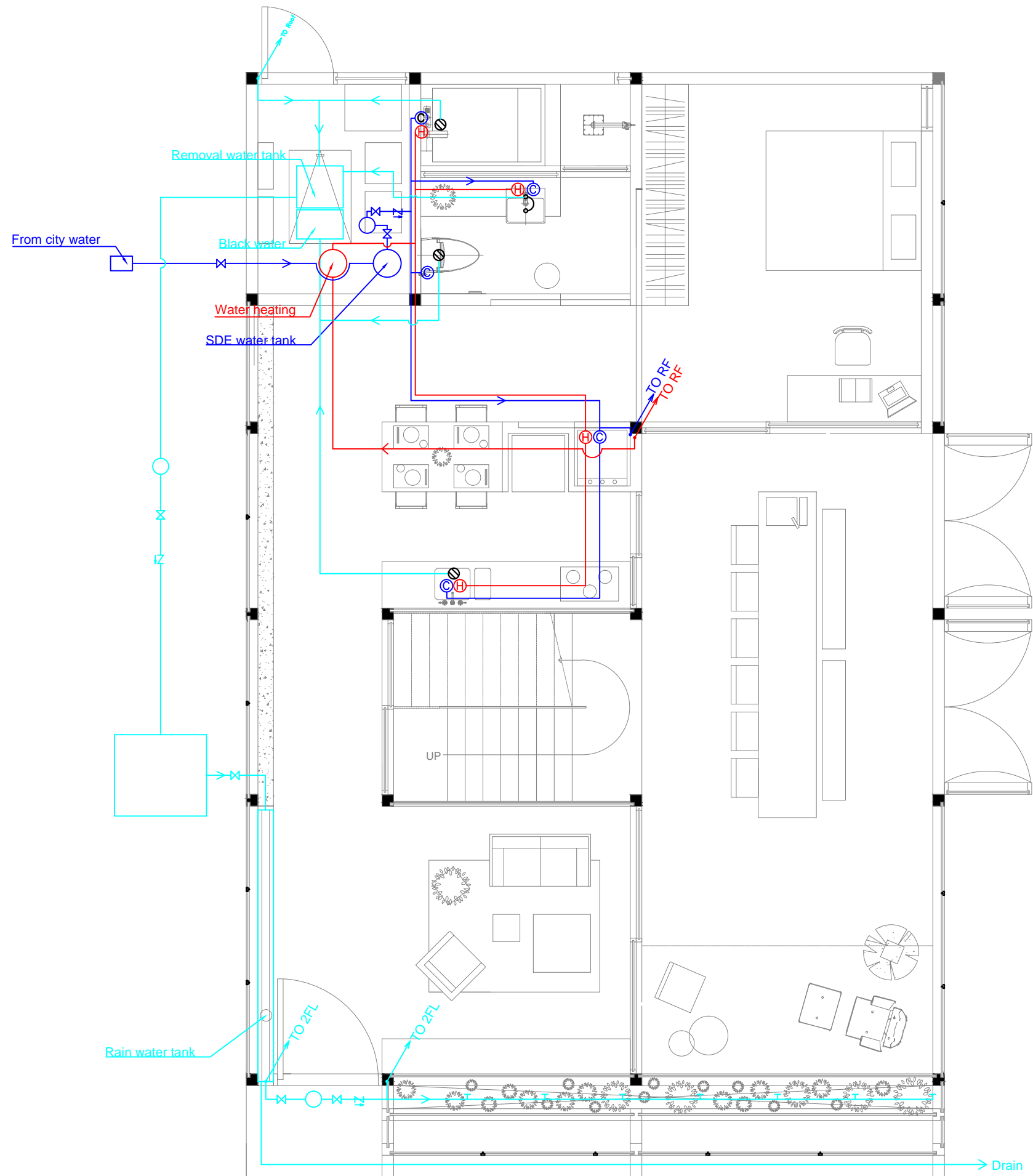


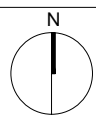
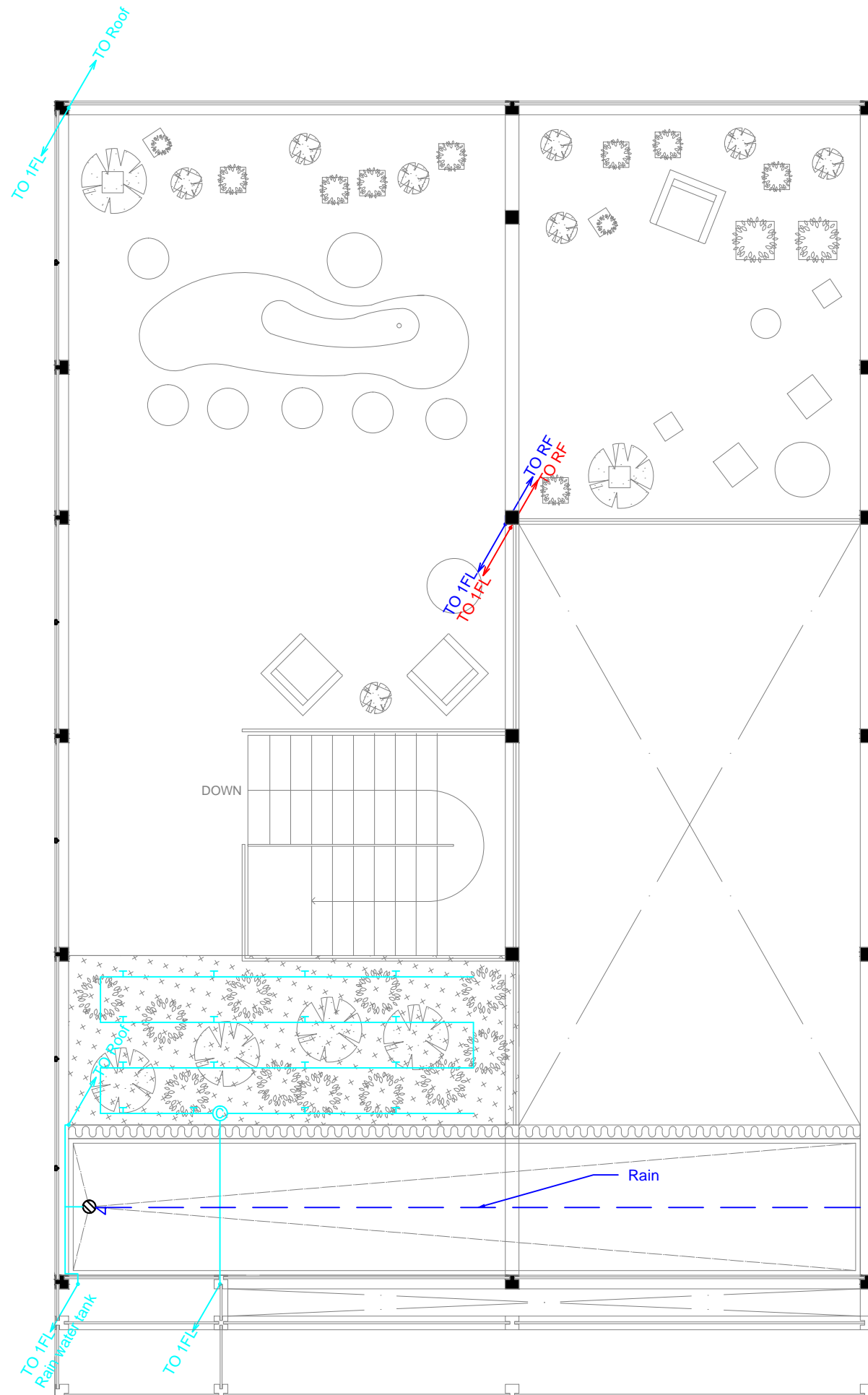
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	1:60

DWG. Title
**PLUMBING PLAN
SUPPLY AND REMOVAL**

DWG. No.
PL-001



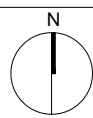


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	1:60

DWG. Title
**PLUMBING PLAN
SUPPLY AND REMOVAL**

DWG. No.
PL-002

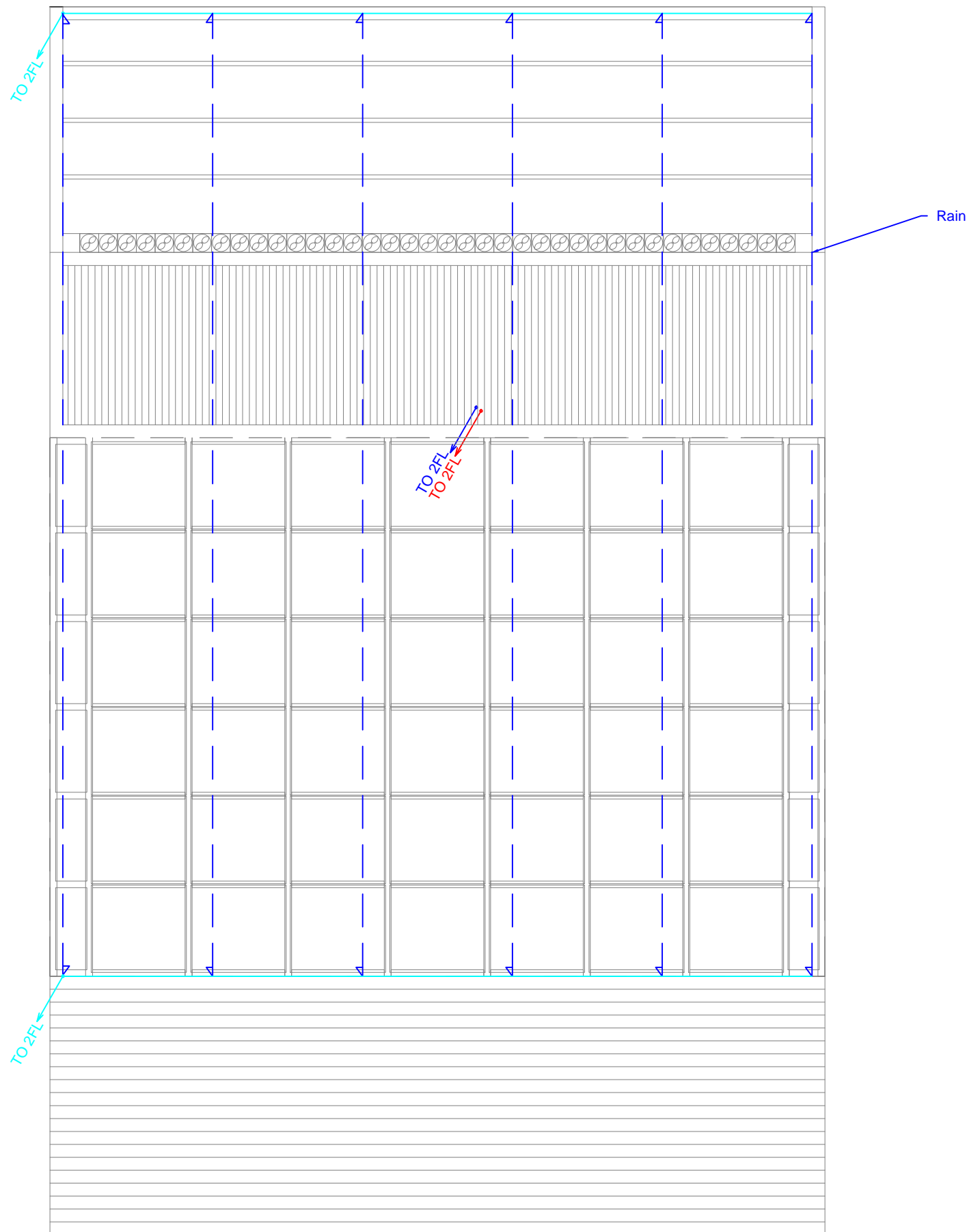


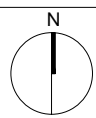
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	1:60

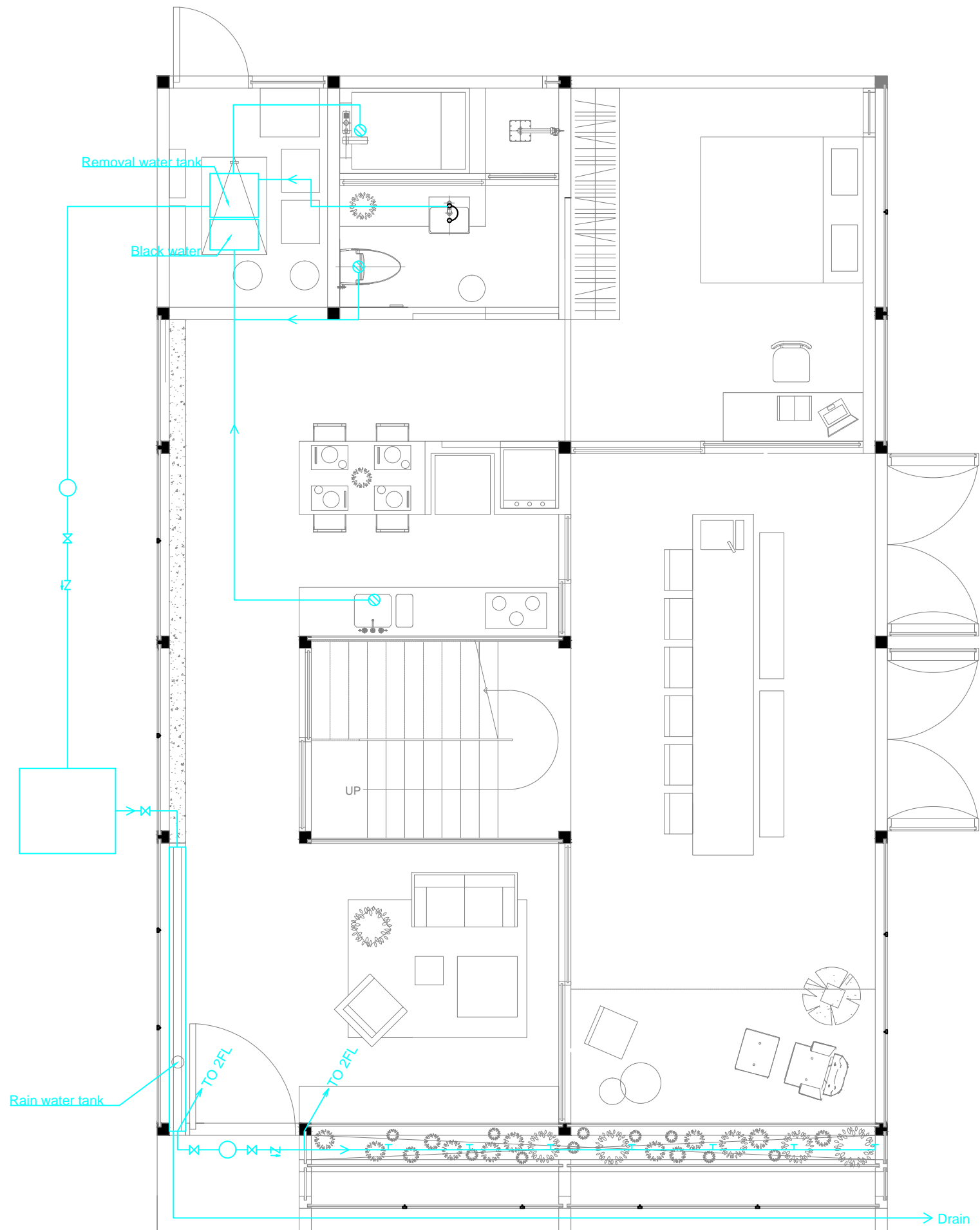
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**PLUMBING PLAN
SUPPLY AND REMOVAL**

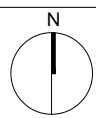
DWG. No.
PL-003





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission



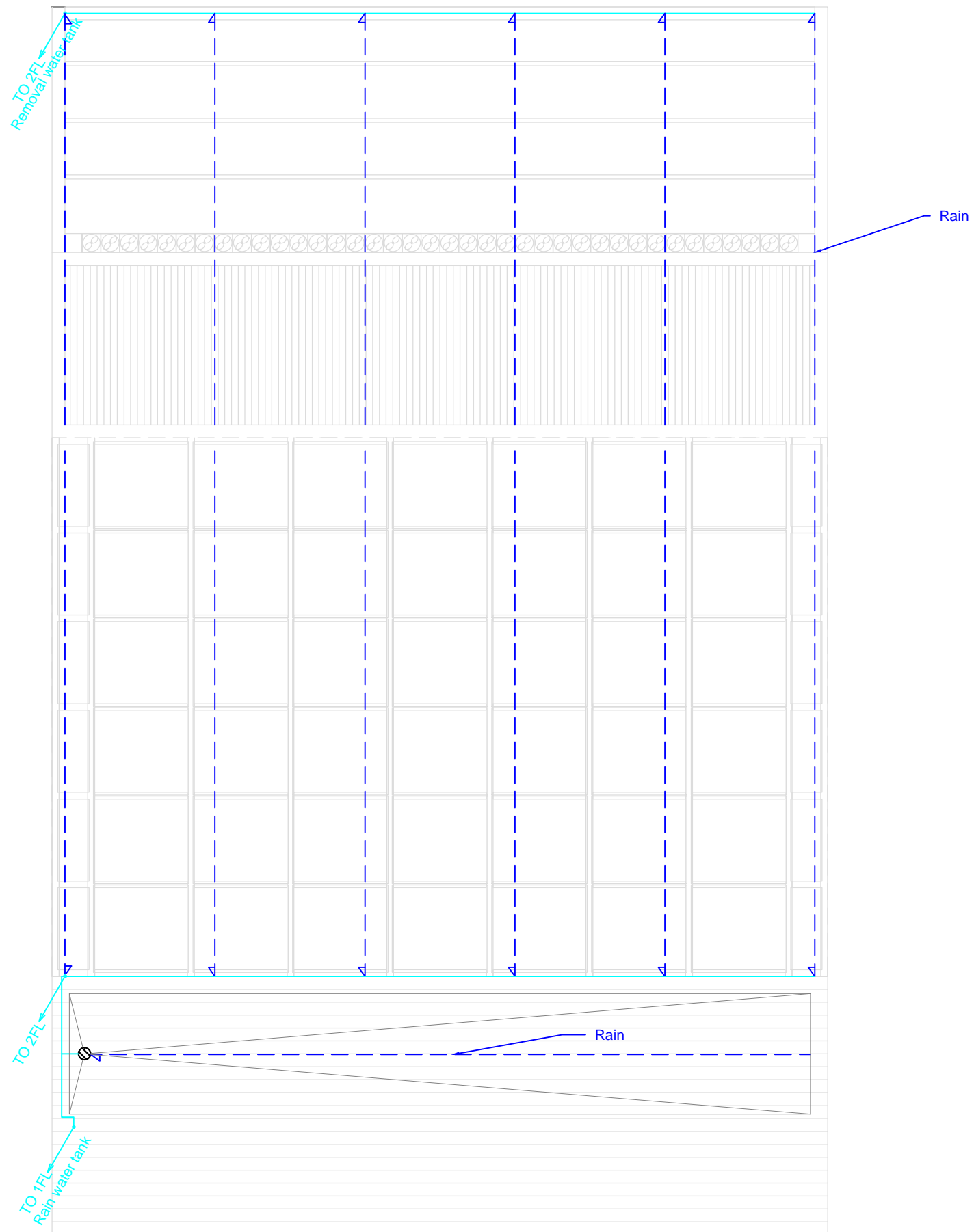


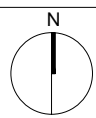
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	1:60

DWG. Title
DRAIN / WASTE / VENT

DWG. No.
PL-021



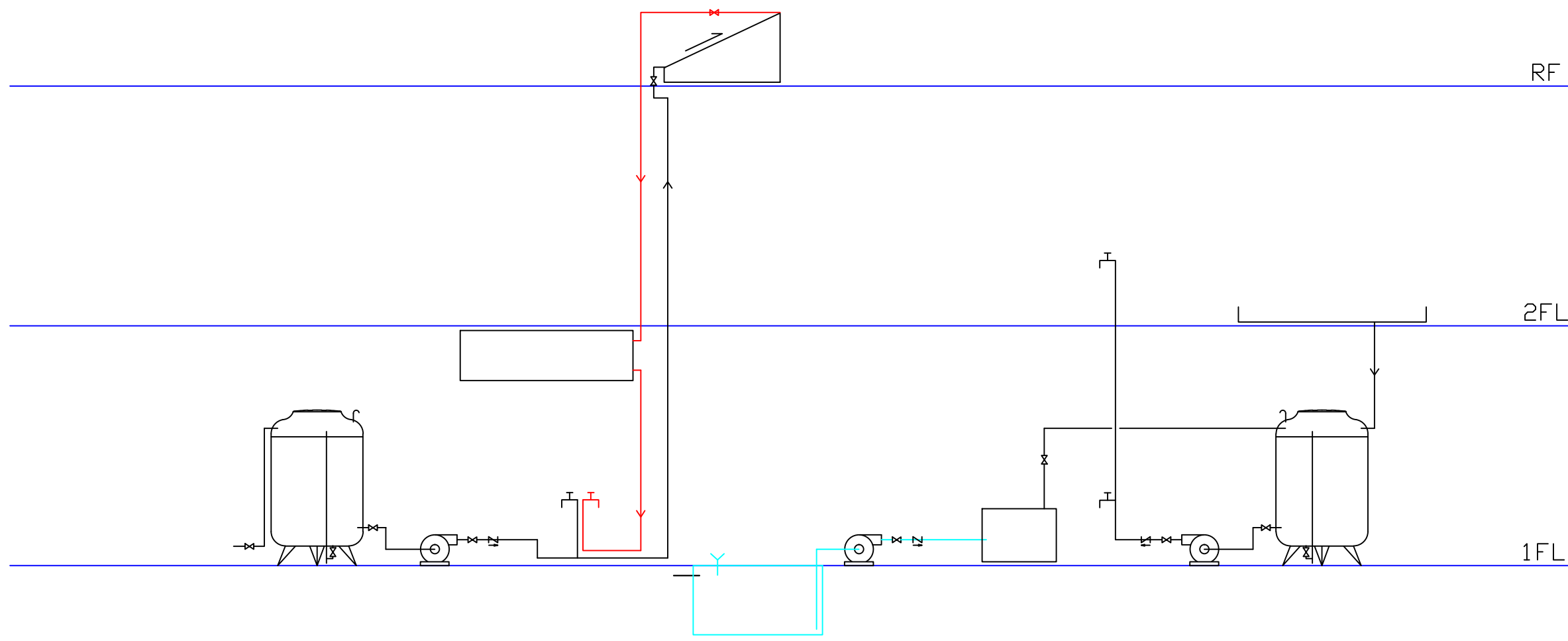


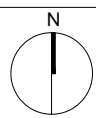
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
SCHEMATIC DIAGRAM

DWG. No.
PL-101





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: KZ

Checked by: DN

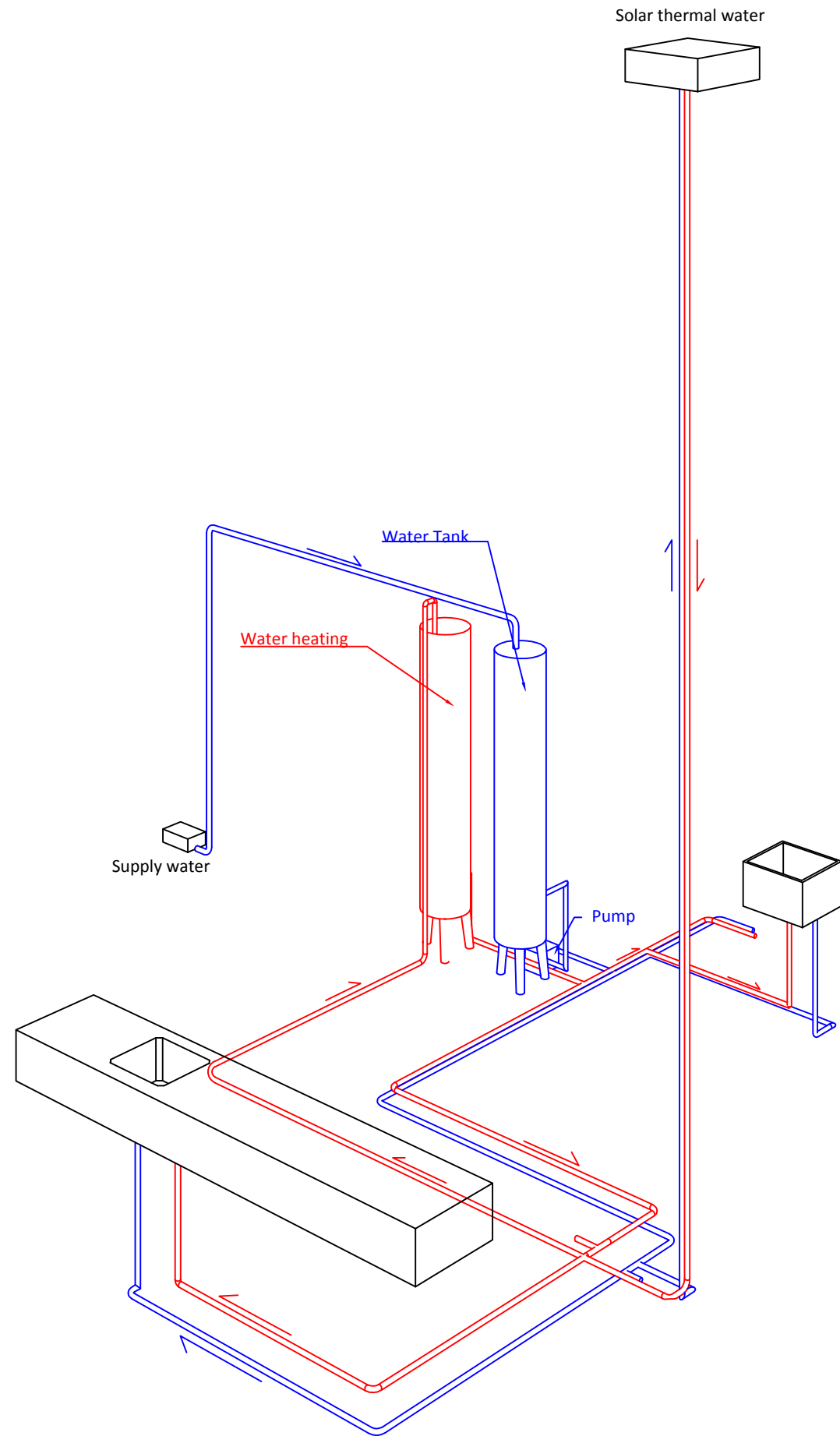
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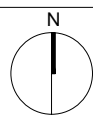
DWG. Title

SUPPLY AND REMOVAL ISOMETRIC

DWG. No.

PL-201



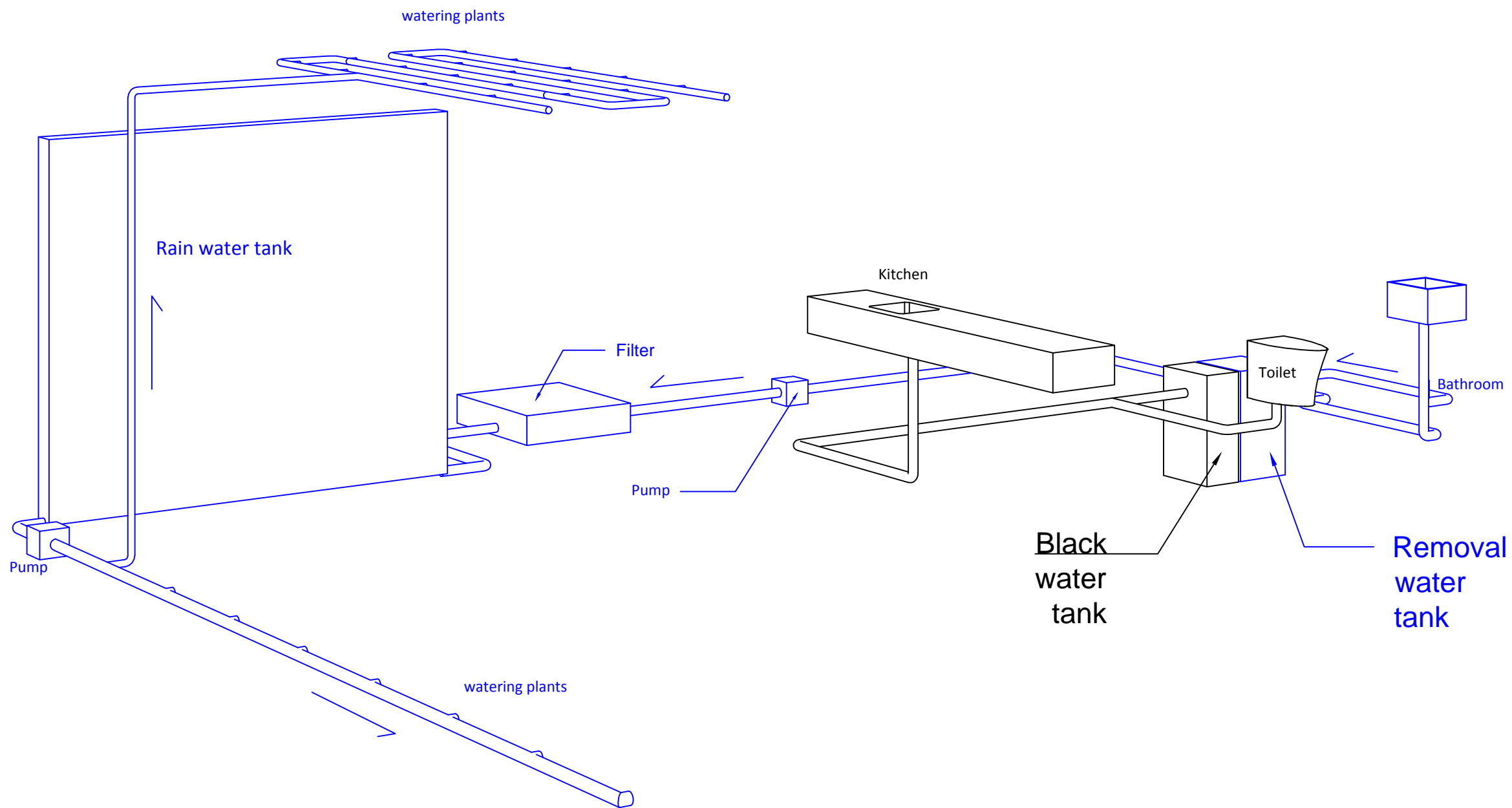


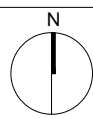
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
GREY WATER ISOMETRIC

DWG. No.
PL-211



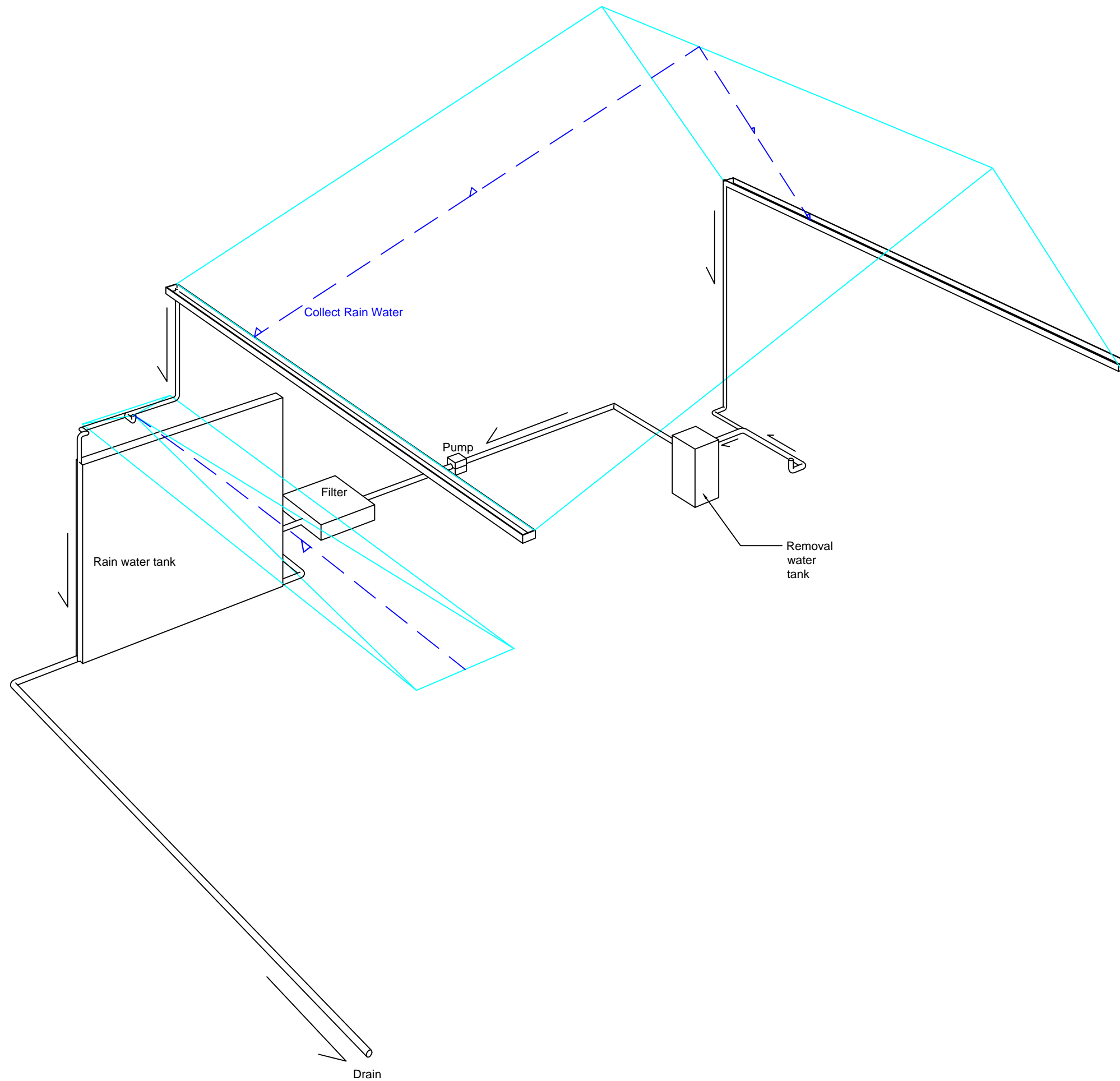


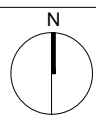
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
**DRAIN / WASTE / VENT
ISOMETRIC**

DWG. No.
PL-221





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: KZ

Checked by: DN

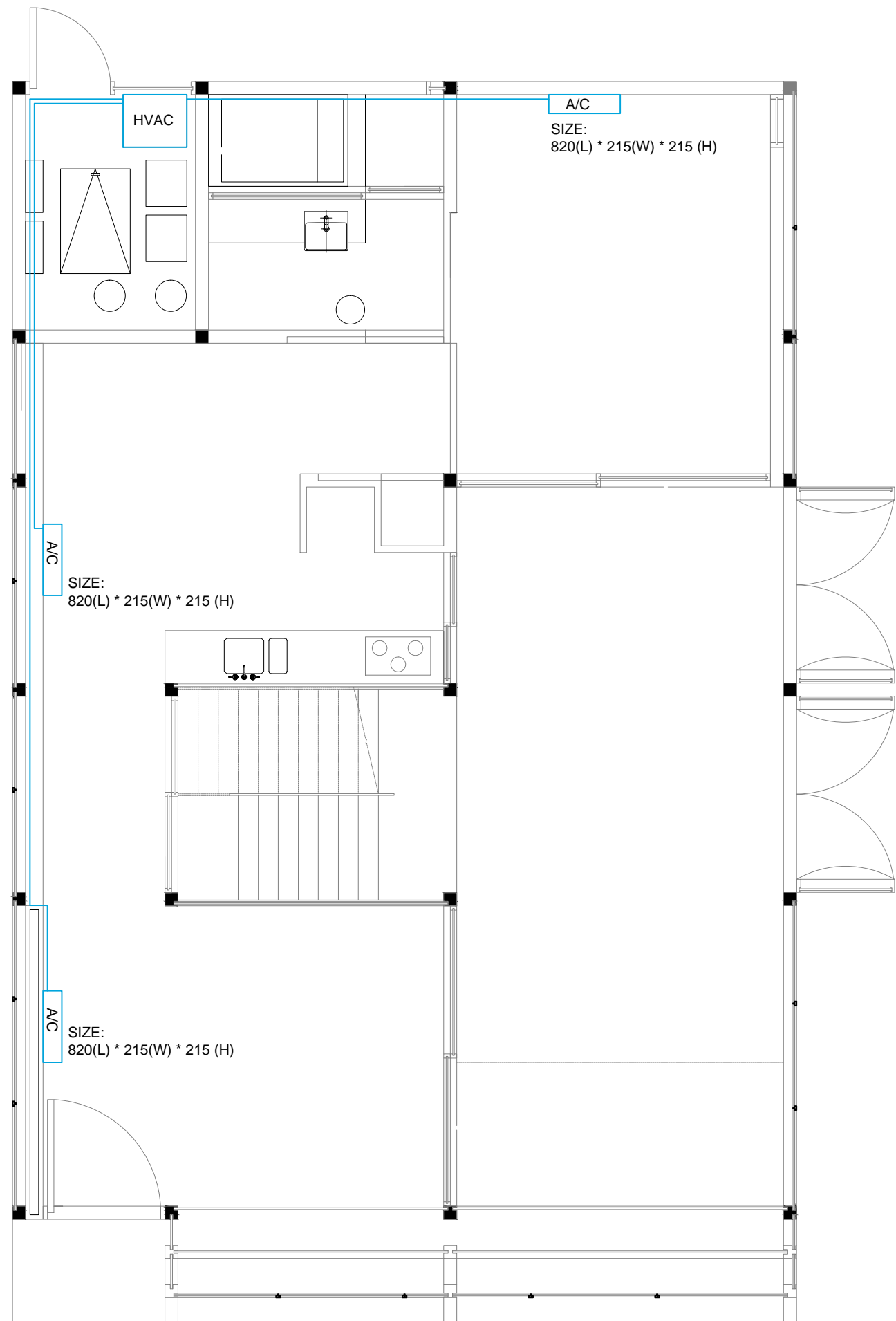
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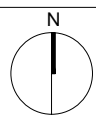
DWG. Title

HVAC DISTRIBUTION PLAN

DWG. No.

ME-001



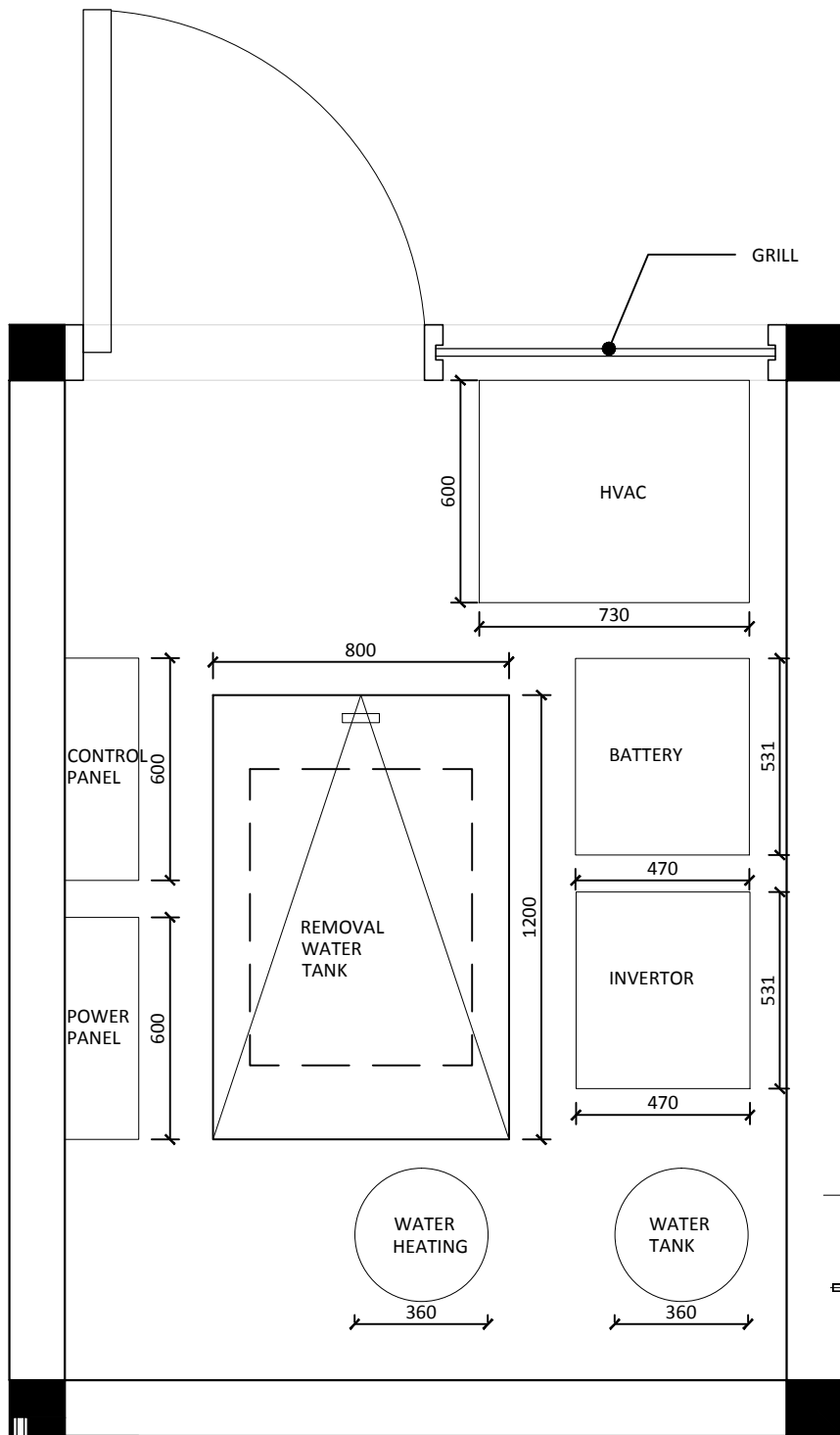


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

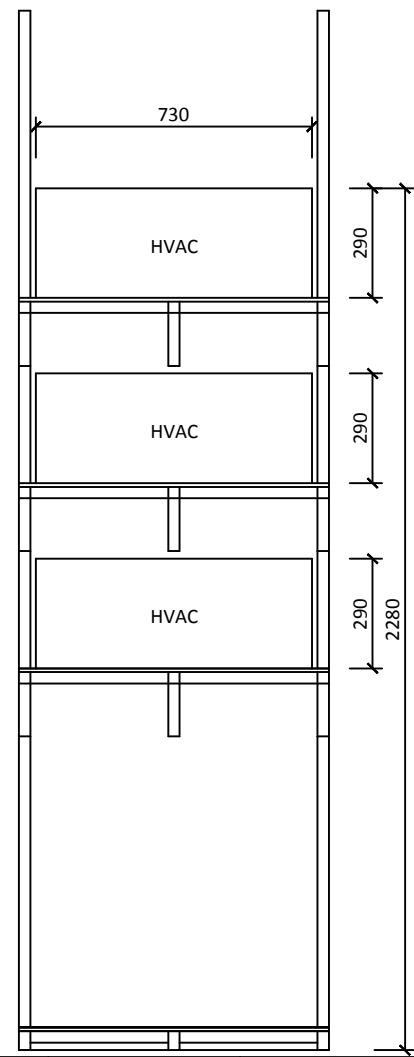
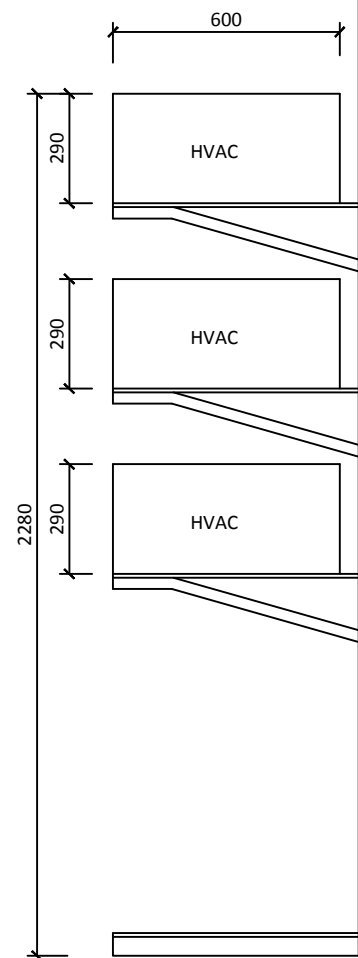
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Checked by	DN
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DWG. Title
HVAC EQUIPMENT

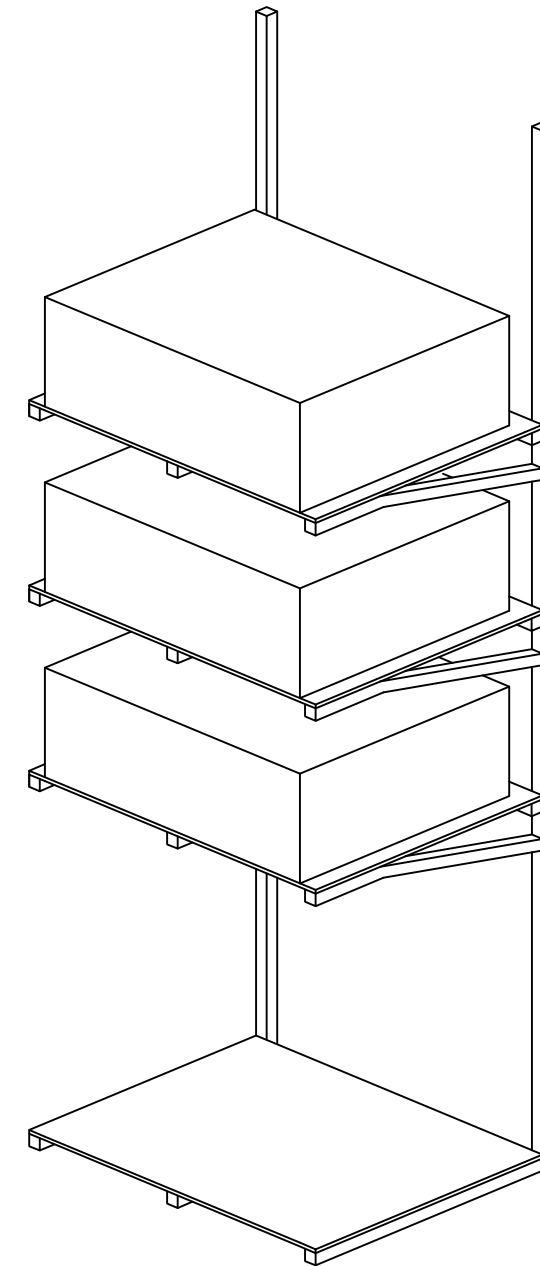
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ME-011

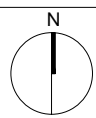


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2





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by KZ

Checked by DN

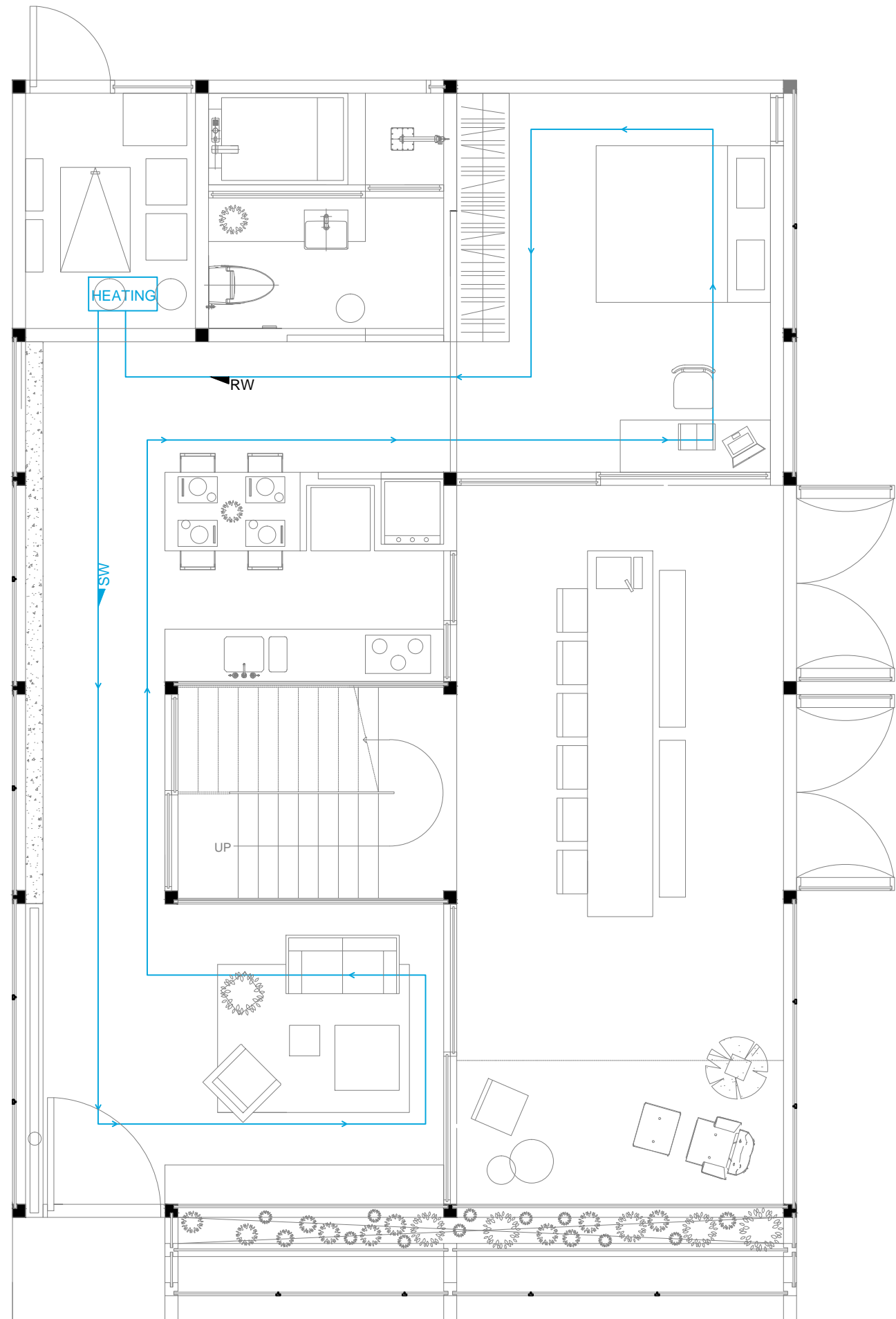
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DWG. Title

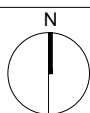
HEATING

DWG. No.

ME-021



RW RETURN WATER
 SW SUPPORT WATER

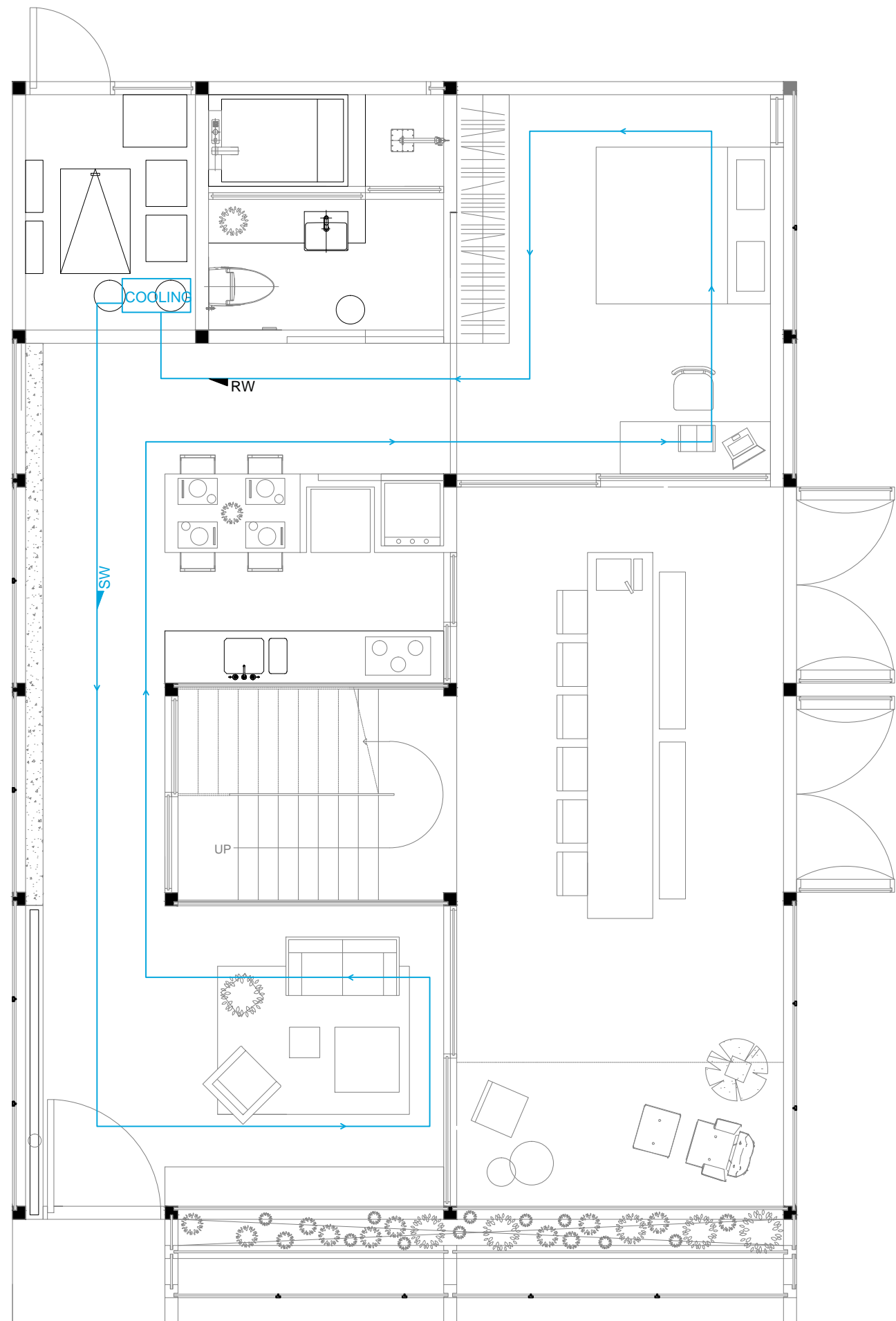


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DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

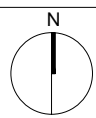
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Checked by	DN
Scale	-

DWG. Title
COOLING

DWG. No.
ME-031



◀ RW RETURN WATER
▶ SW SUPPLY WATER

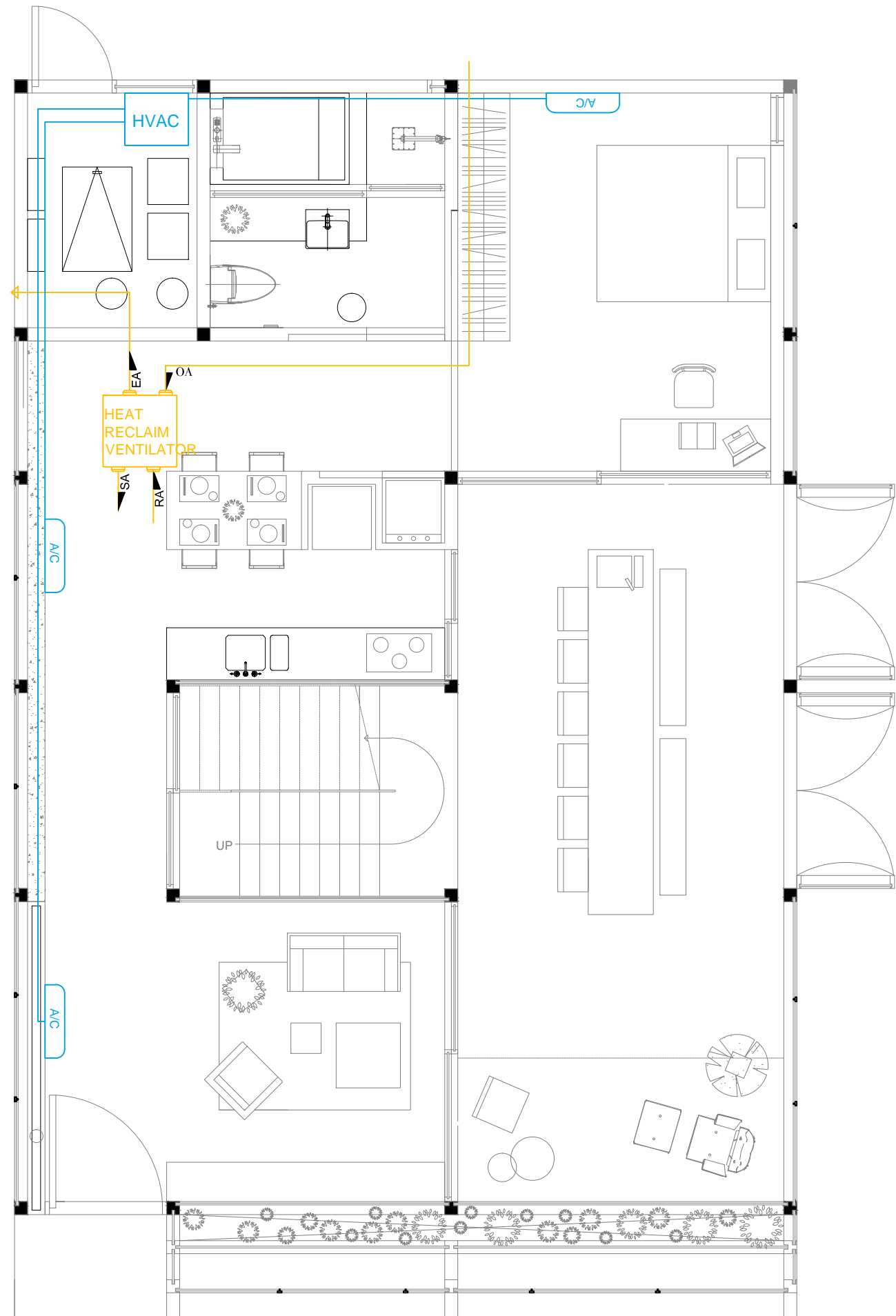


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

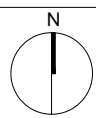
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Checked by	DN
Scale	-

DWG. Title
VENTILATION

DWG. No.
ME-041



- ▶ RA RETURN AIR
- ▶ SA SUPPLY AIR
- ▶ OA OUTSIDE AIR
- ▶ EA EXHAUST AIR

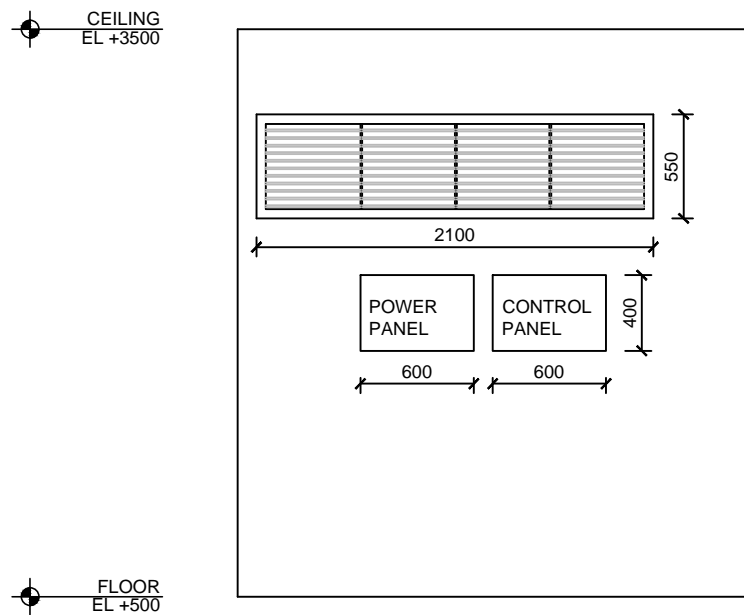


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DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

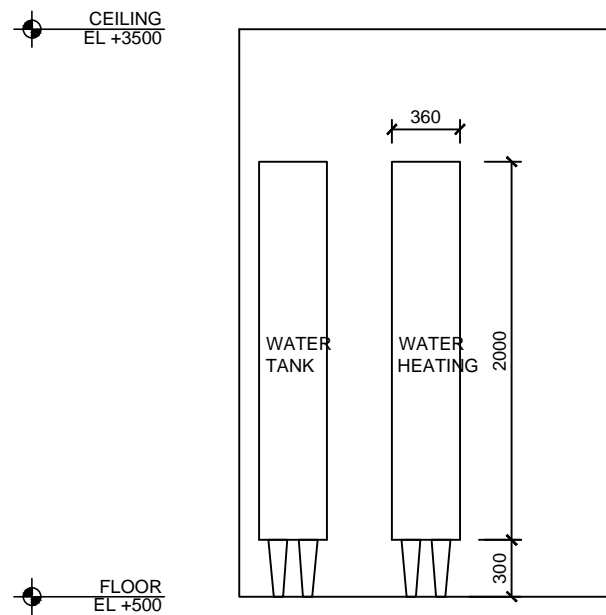
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DWG. Title
MECHANICAL ROOM ELEVATIONS

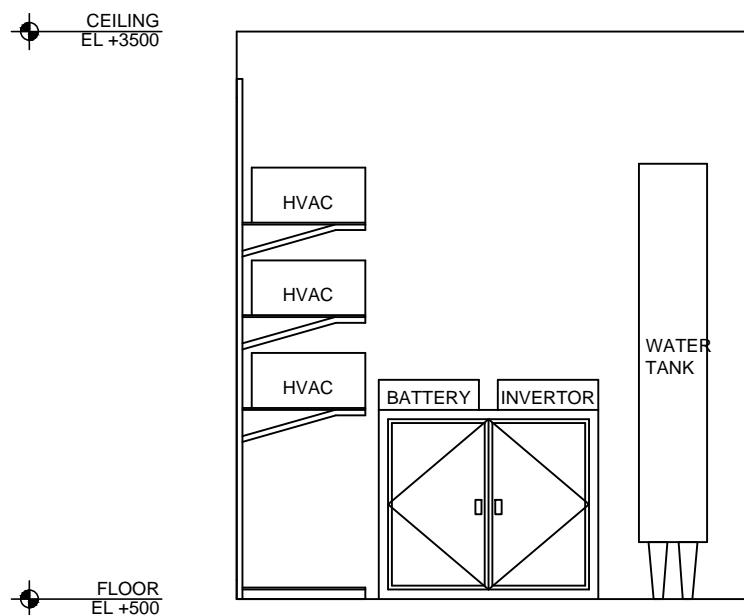
DWG. No.
ME-101



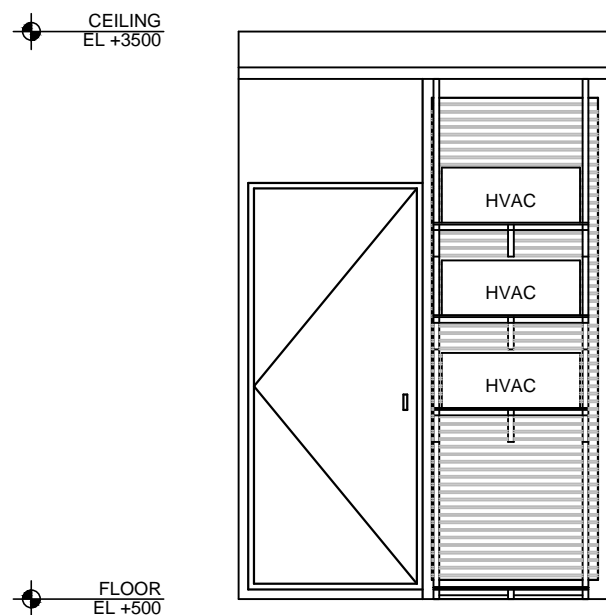
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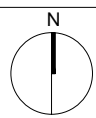
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3



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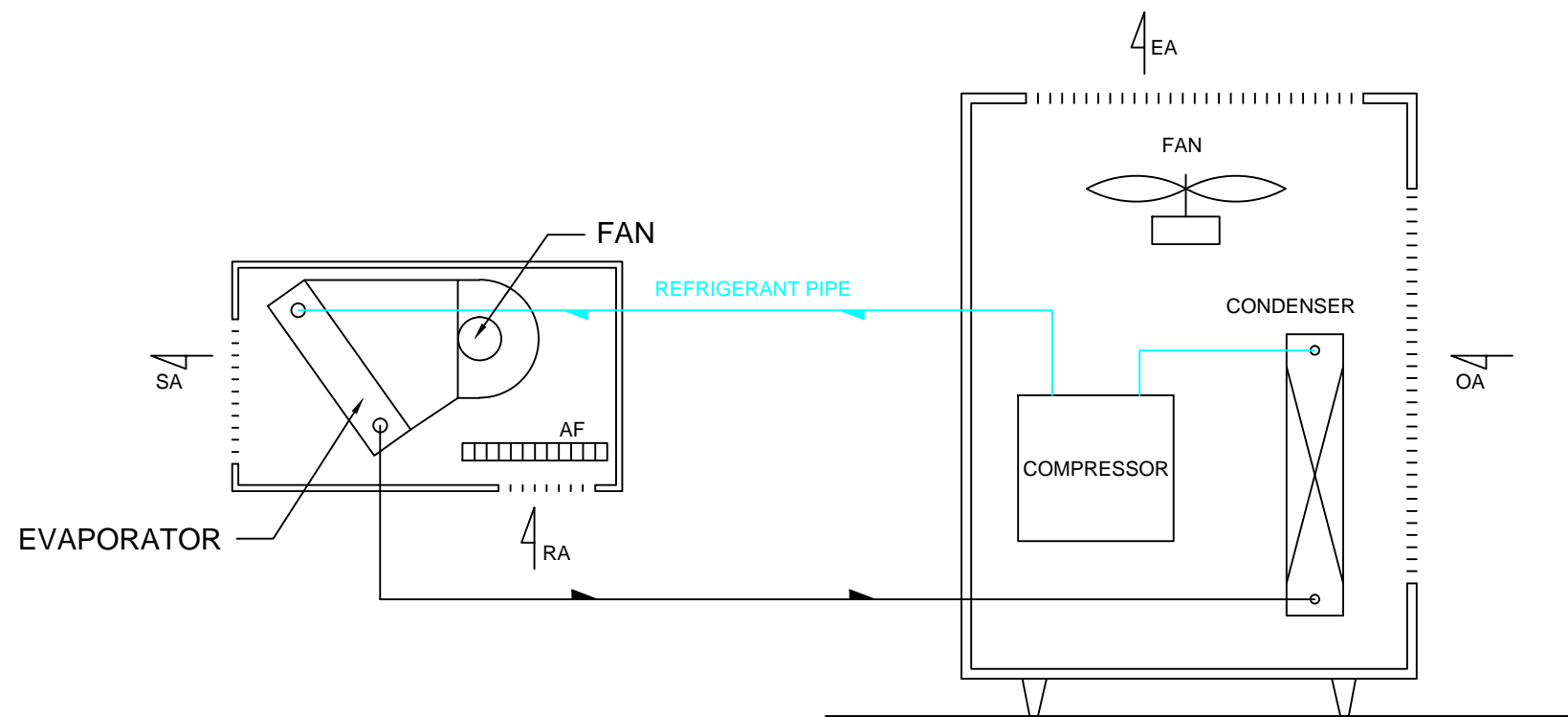


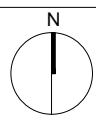
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
HVAC SYSTEM
SCHEMATIC DRAWINGS

DWG. No.
ME-201





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: KZ

Checked by: DN

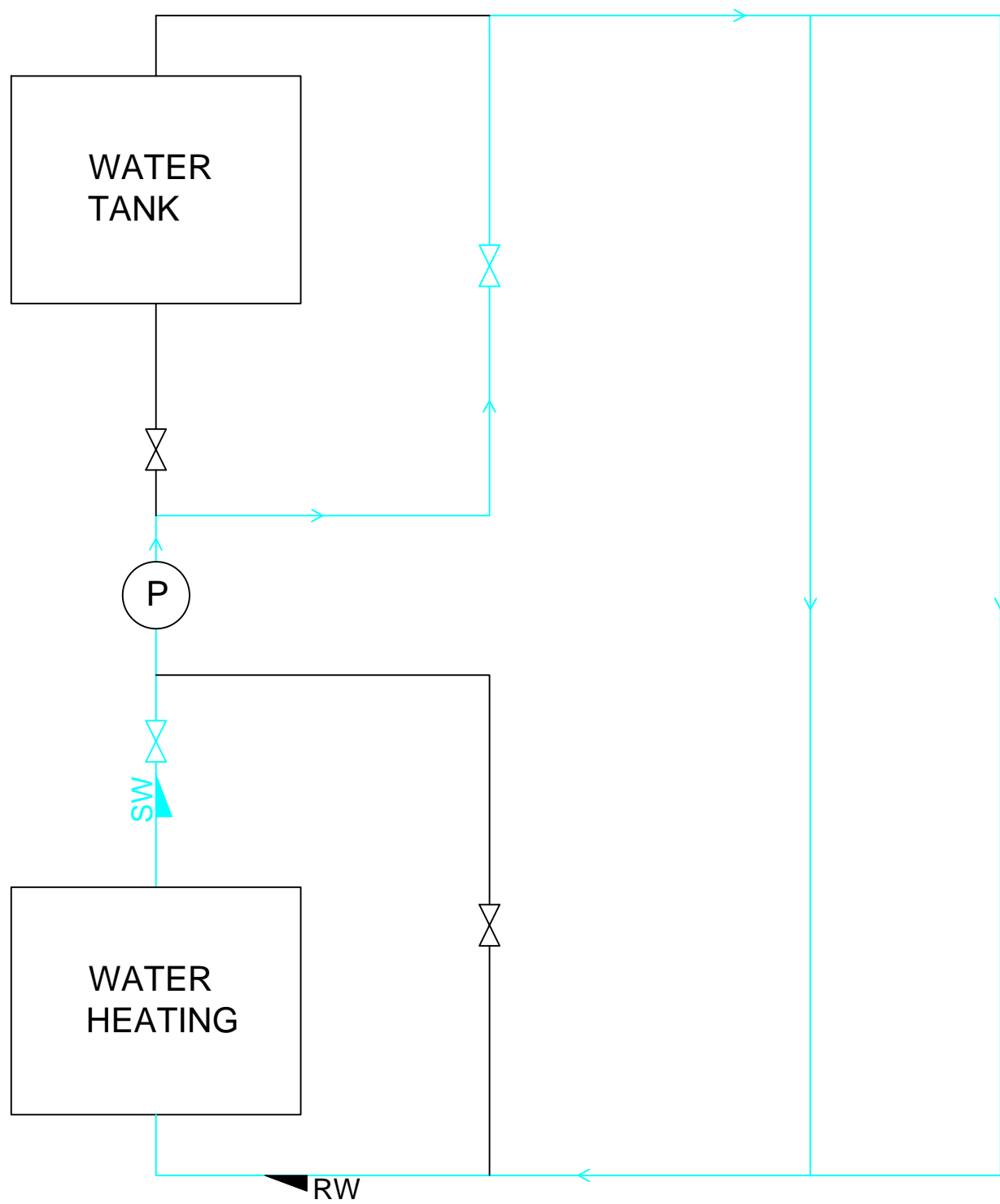
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DWG. Title

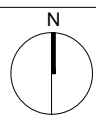
HEATING MODE
SCHEMATIC DRAWINGS

DWG. No.

ME-211



-  VALVE
-  RW RETURN WATER
-  SW SUPPLY WATER
-  P PUMP

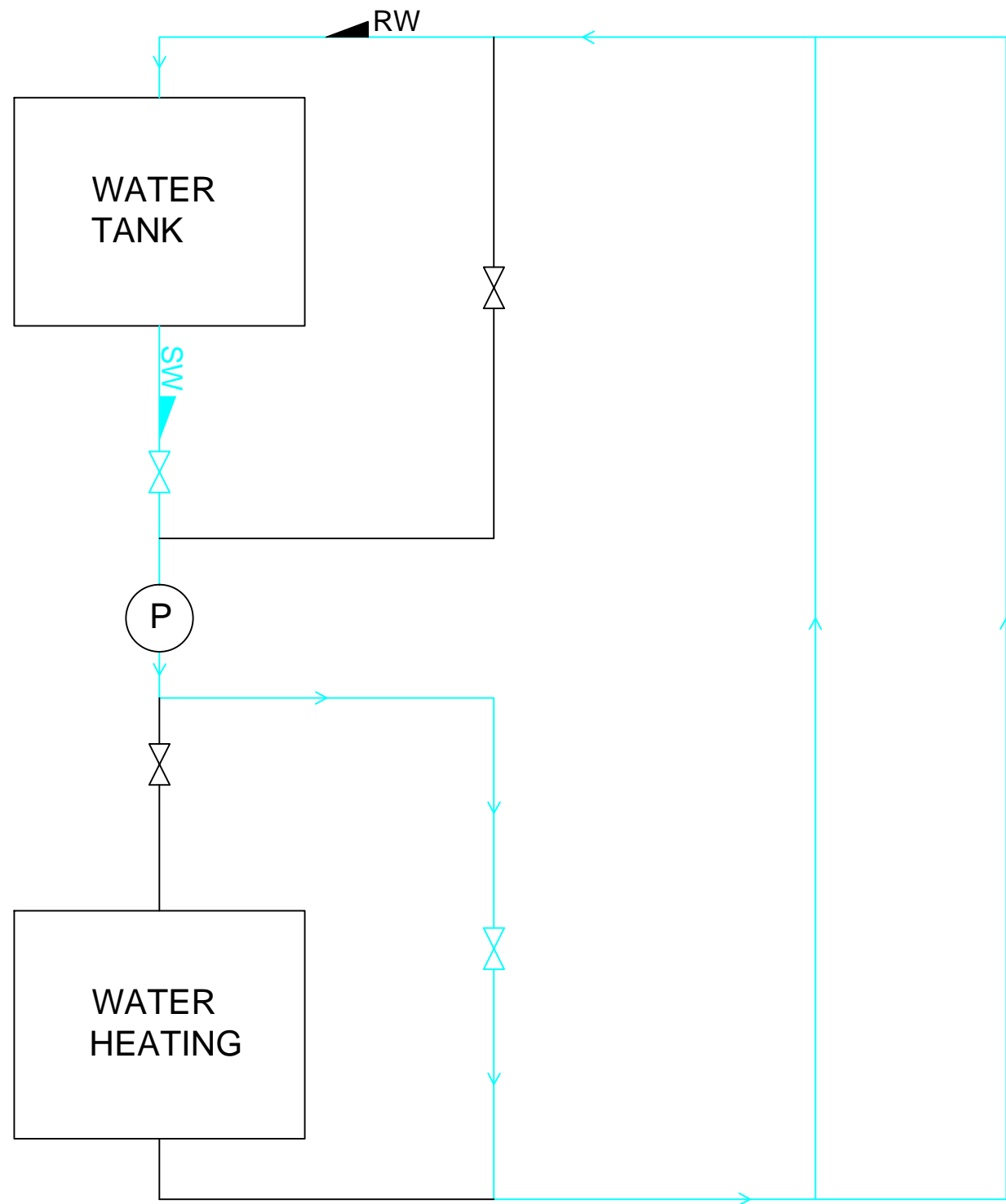


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
**COOLING MODE
SCHEMATIC DRAWINGS**

DWG. No.
ME-221



- ⊗ VALVE
- ◀ RW RETURN WATER
- ▶ SW SUPPLY WATER
- ⊙ P PUMP



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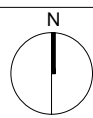
Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

T.B.D

Note:

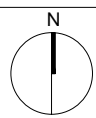


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: KZ
Checked by: DN
Scale: -

DWG. Title
CONTROLS

DWG. No.
ME-231

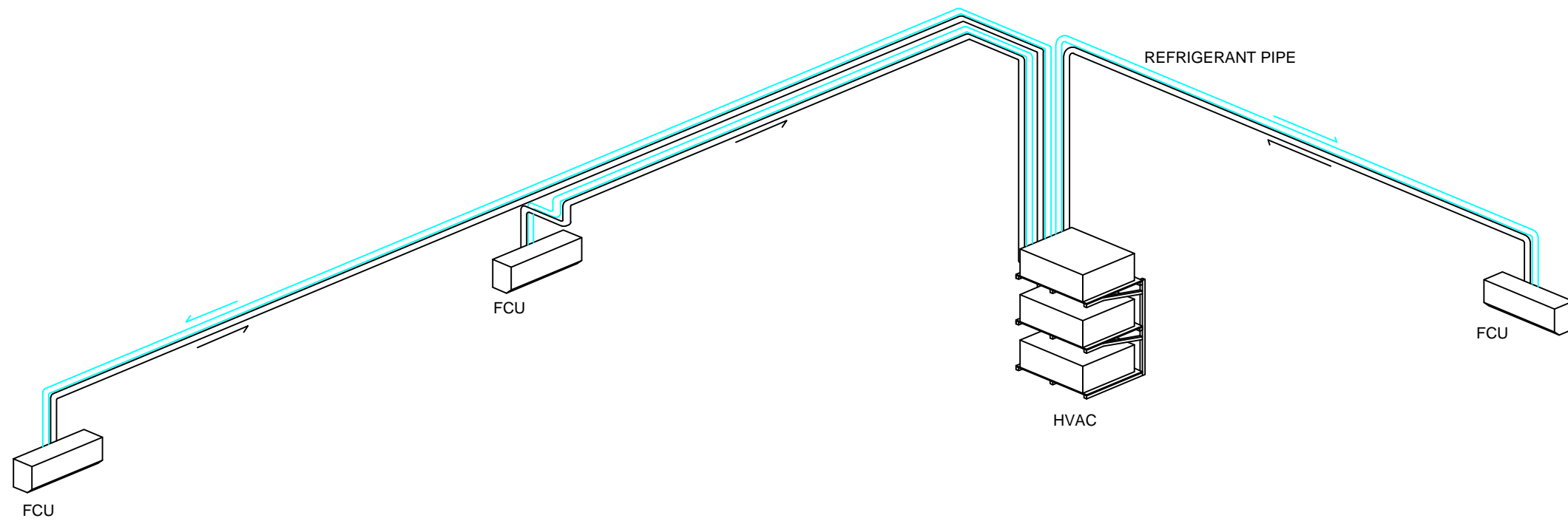


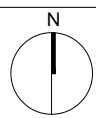
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	KZ
Checked by	DN
Scale	-

DWG. Title
ISOMETRIC DISTRIBUTION

DWG. No.
ME-301





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by GC

Checked by DN

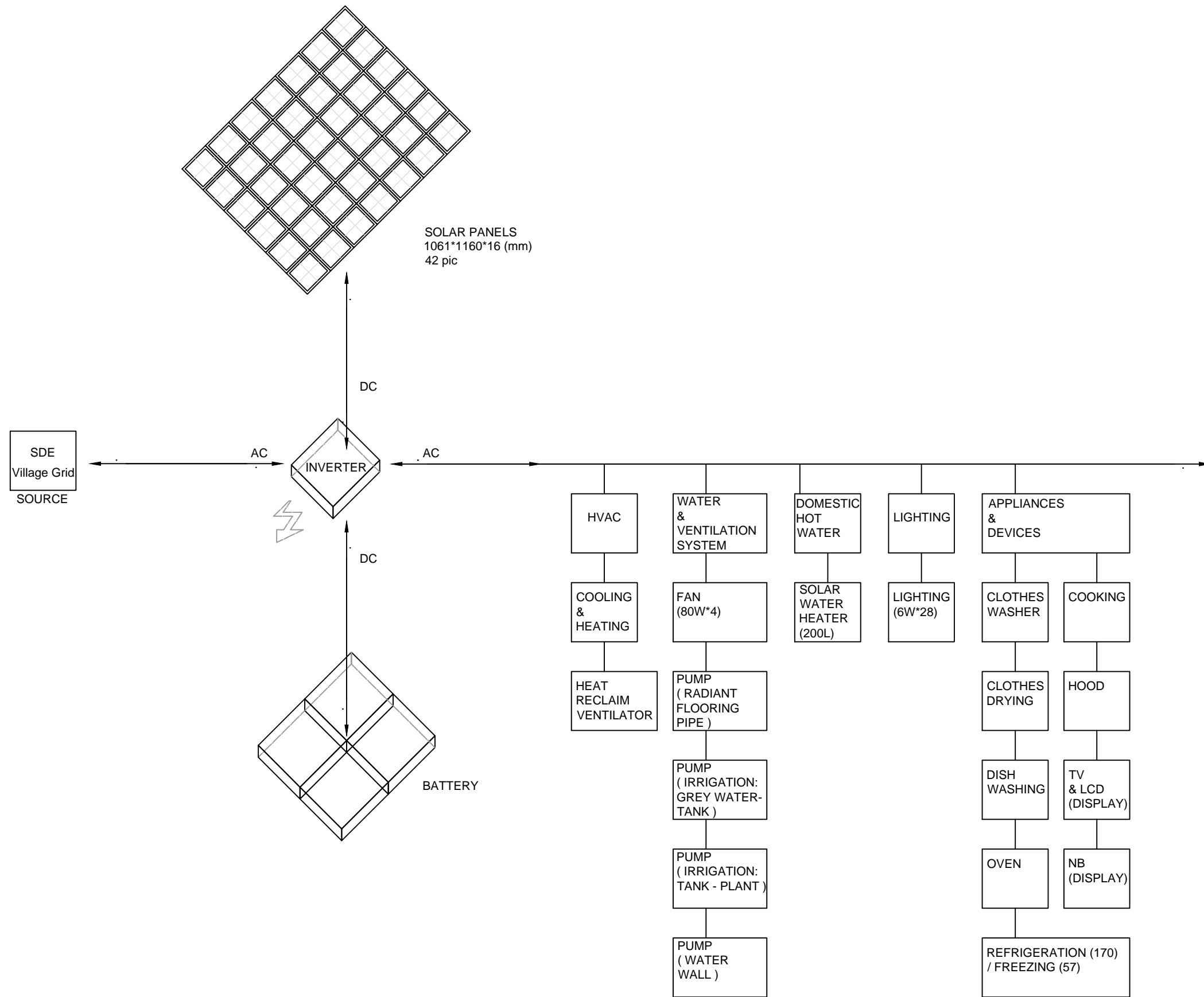
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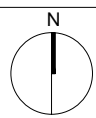
DWG. Title

GRID INTERCONNECTION

DWG. No.

EL-001



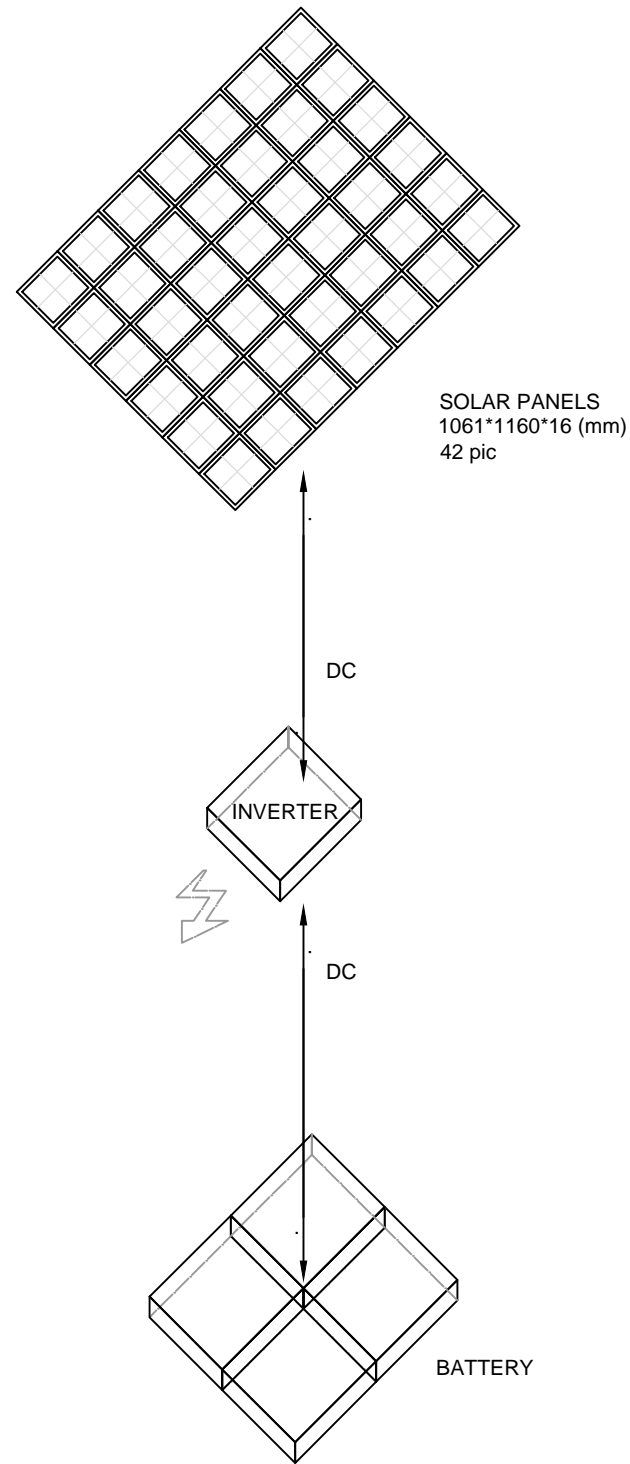


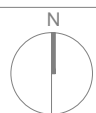
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	GC
Checked by	DN
Scale	-

DWG. Title
DC WIRING DIAGRAM

DWG. No.
EL-201





Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by HY

Checked by DN

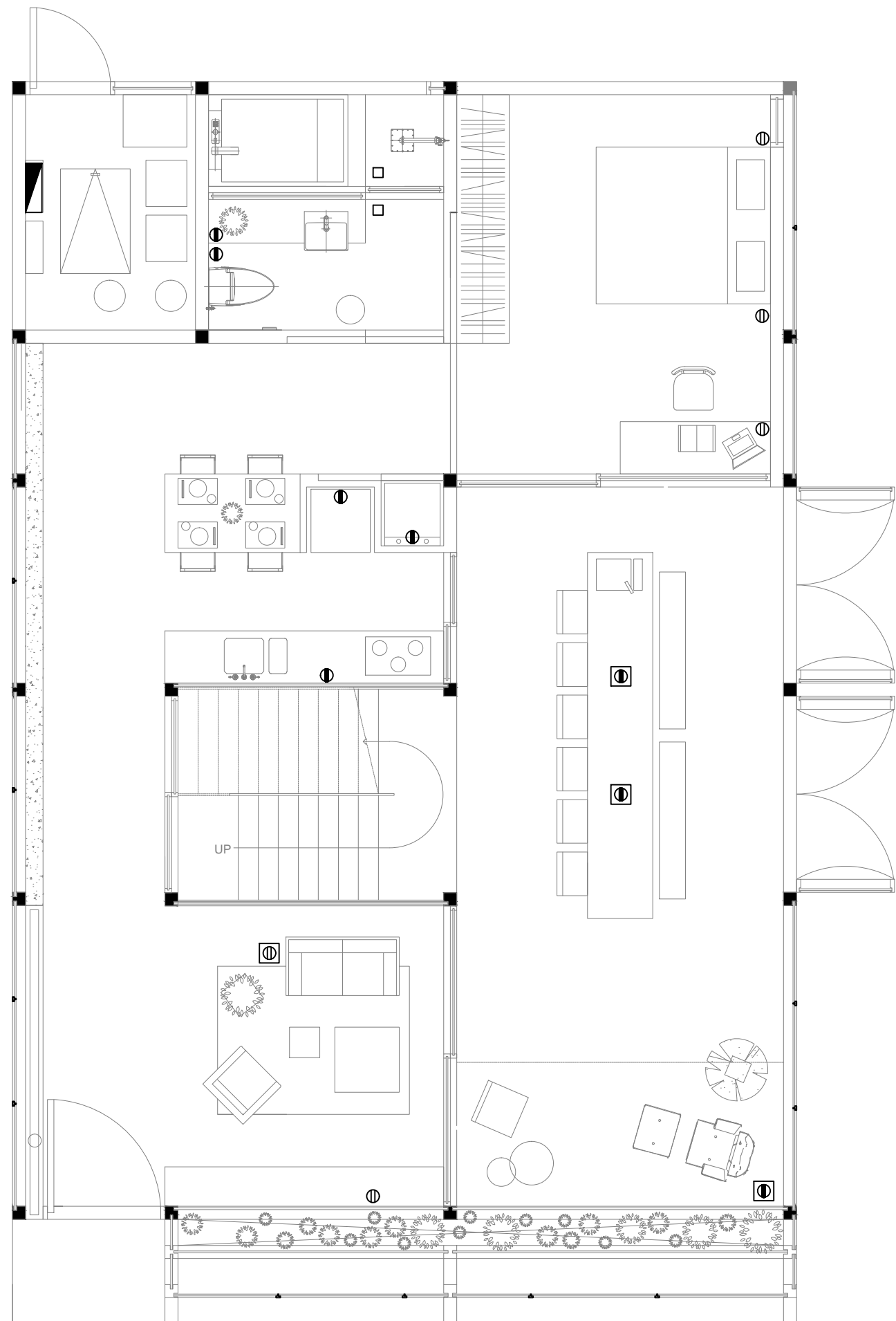
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DWG. Title

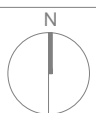
1F POWER PLAN

DWG. No.

EL-301



-  Transformer box
-  PLUG 125V 15A
-  Waterproof PLUG 125V 15A
-  Floor PLUG 125V 15A
-  Floor Waterproof PLUG 125V 15A
-  Exhaust Fan Power SOCKET



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by HY

Checked by DN

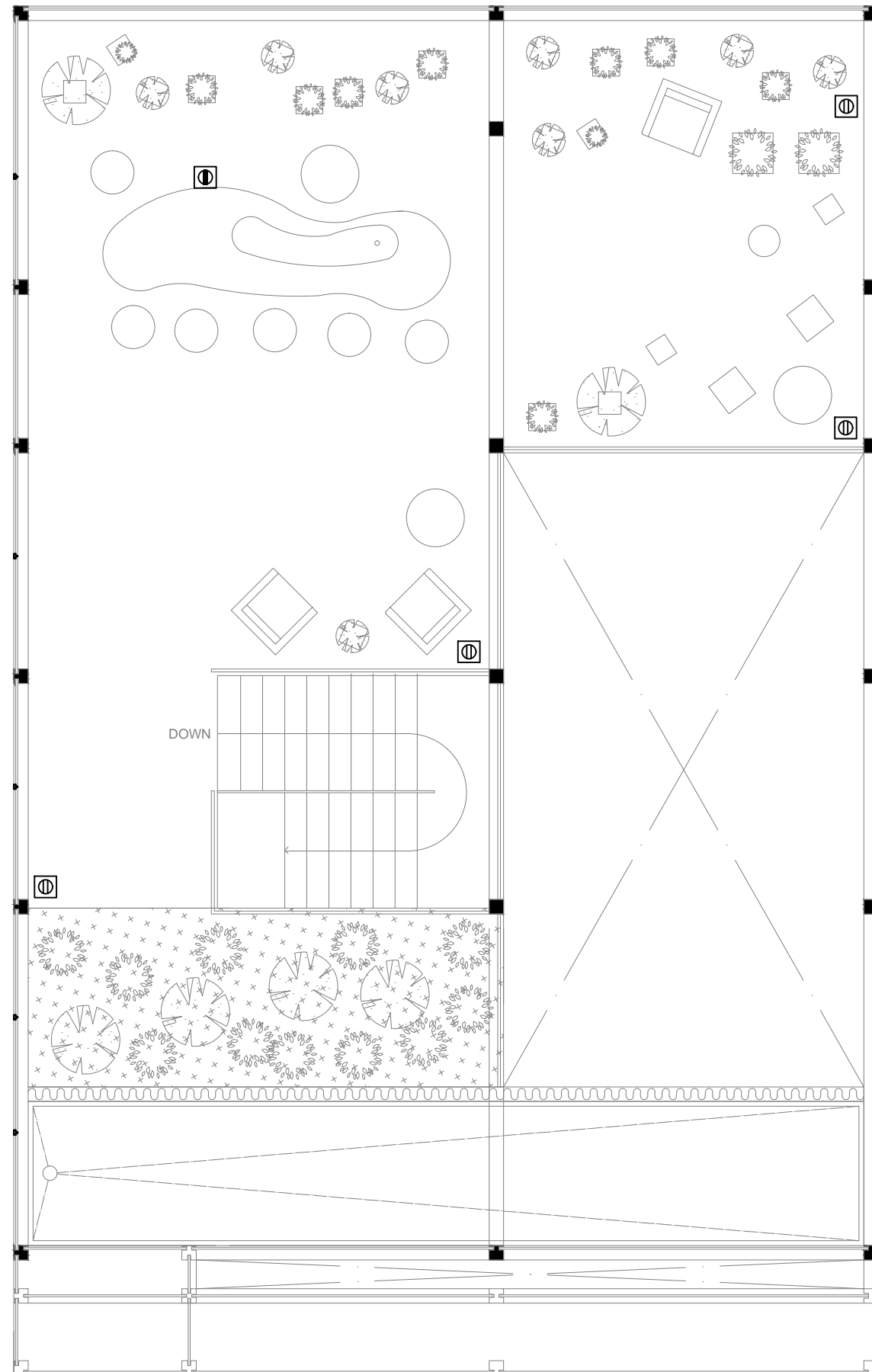
Scale -






DWG. Title

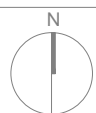
2F POWER PLAN

DWG. No.

EL-302



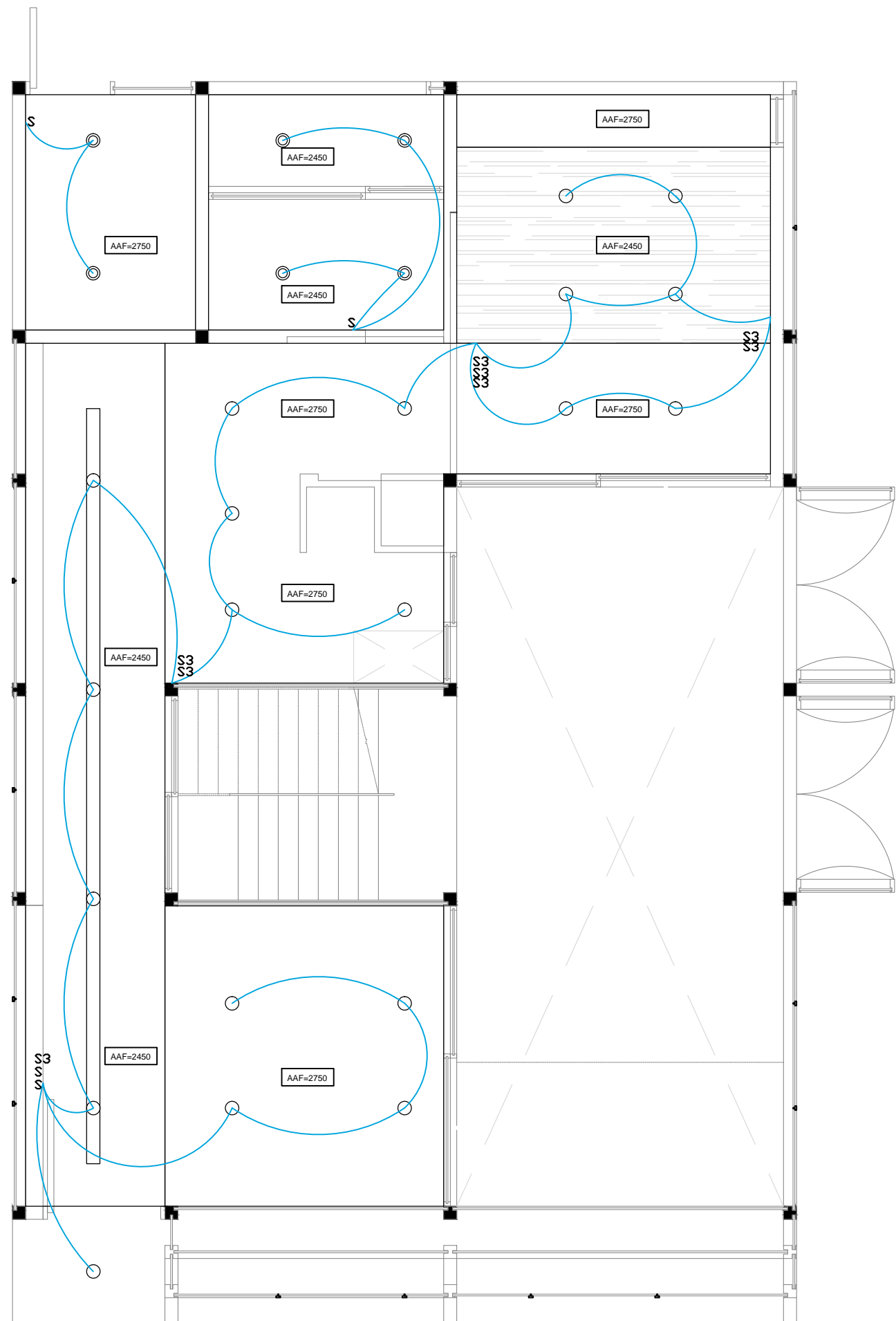
-  Transformer box
-  PLUG 125V 15A
-  Waterproof PLUG 125V 15A
-  Floor PLUG 125V 15A
-  Floor Waterproof PLUG 125V 15A



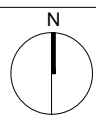
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	HY
Checked by	DN
Scale	1:60

DWG. Title	LIGHTING PLAN
DWG. No.	EL-401



- RECESSED DN LIGHT
- ⊙ Waterproof RECESSED DN LIGHT
- S3 Double-cut SWITCH
- S SWITCH

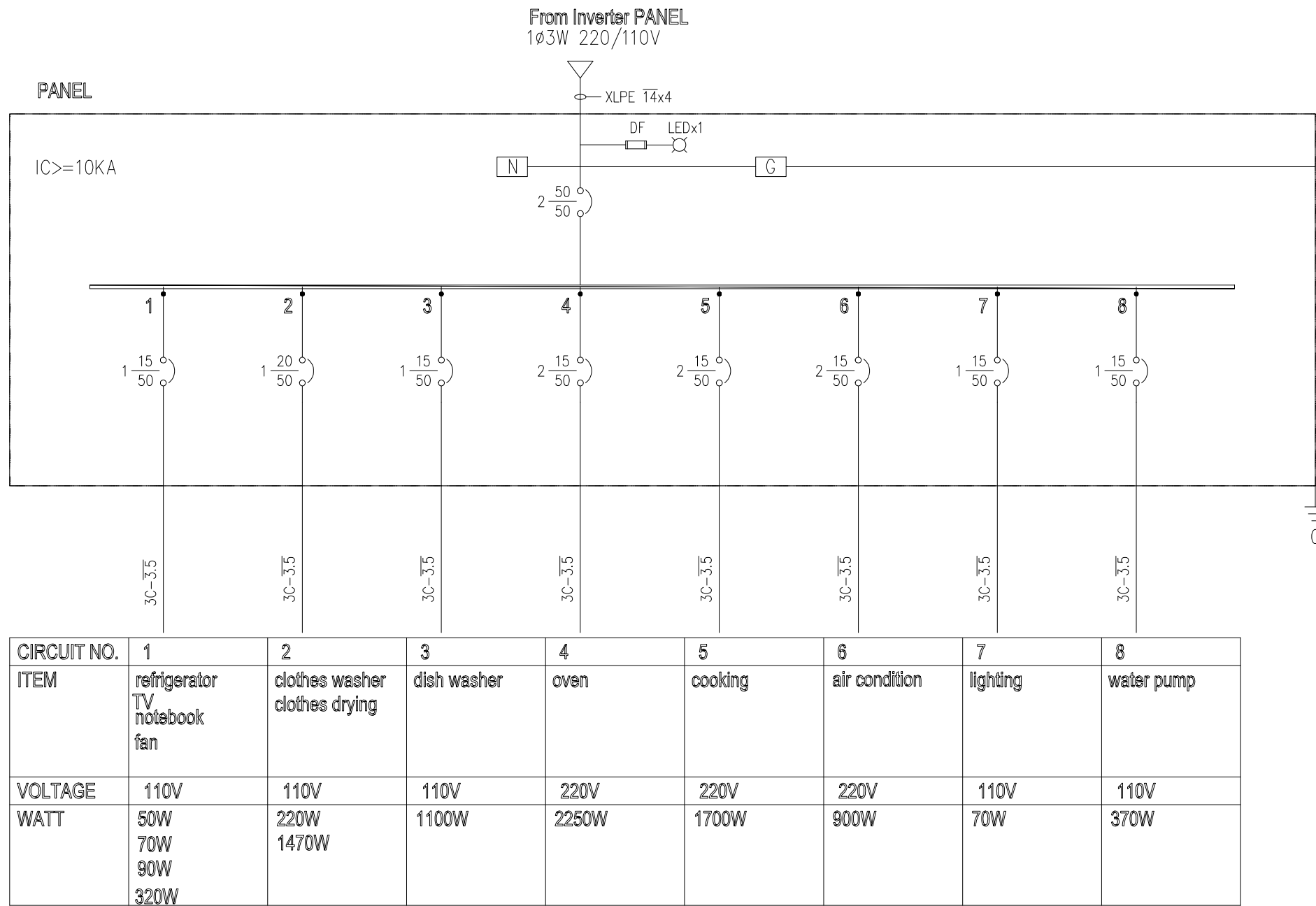


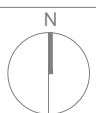
Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	HY
Checked by	DN
Scale	-

DWG. Title
ONE-LINE DIAGRAM

DWG. No.
EL-501



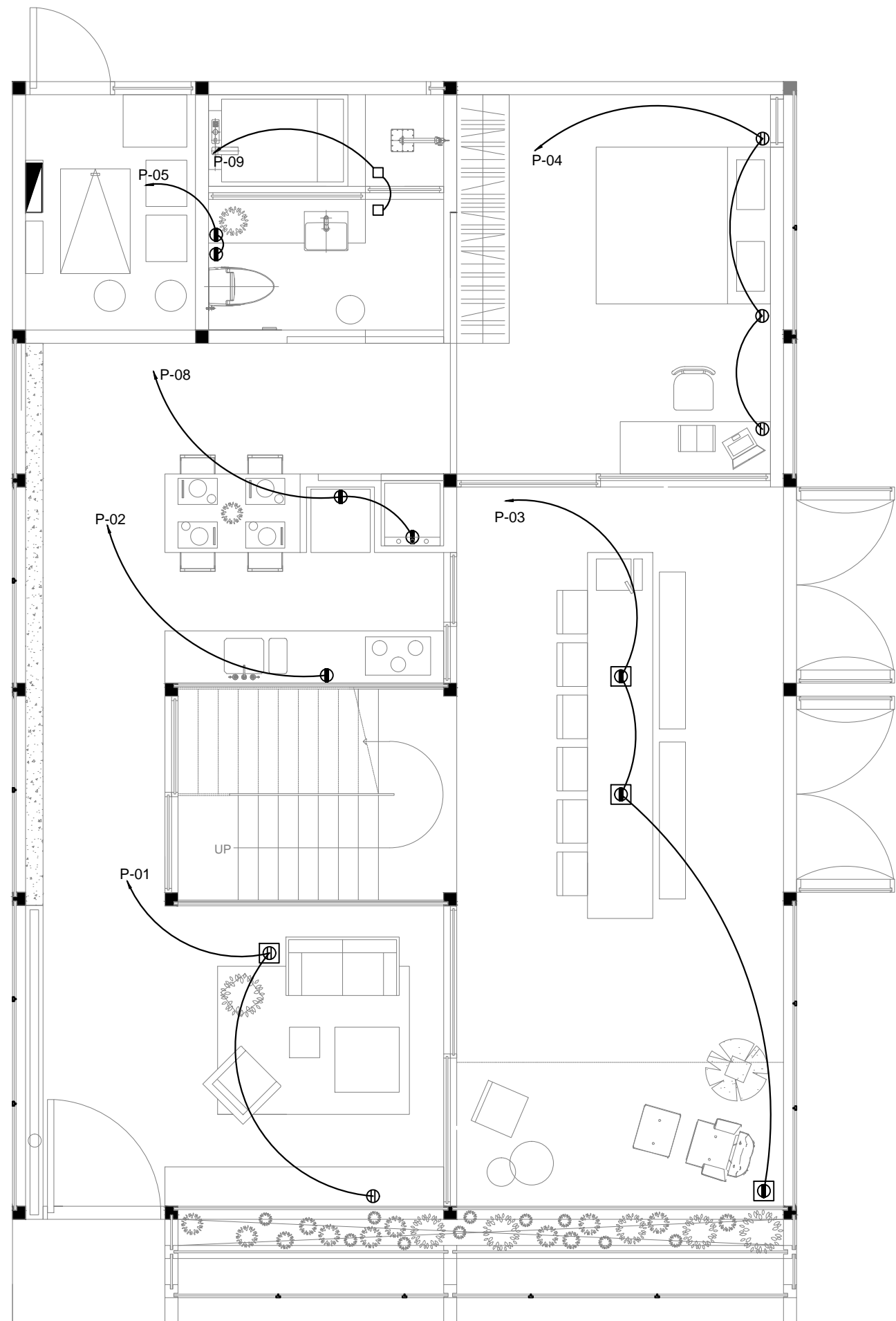









Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

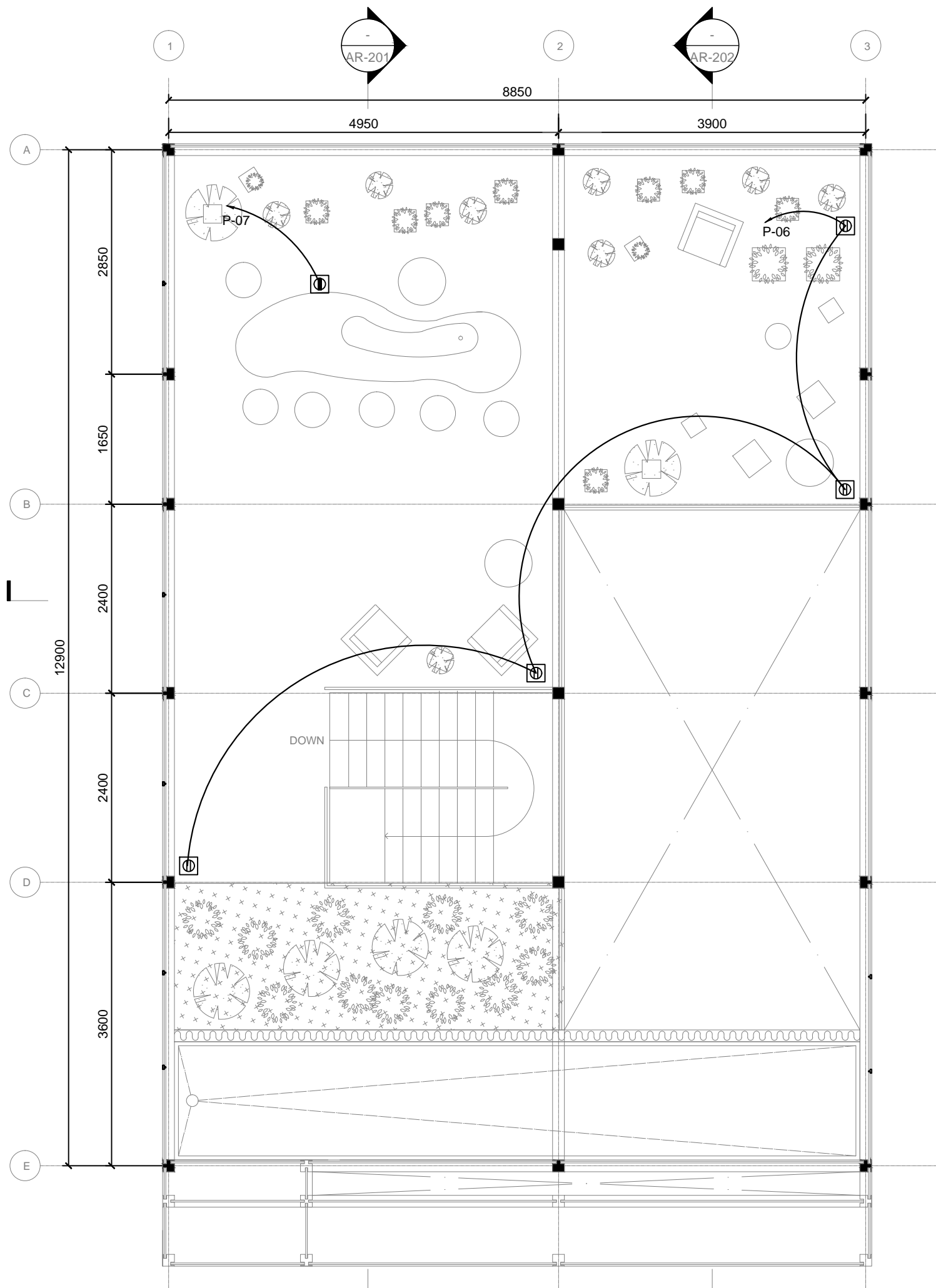
Drawn by	HY
Checked by	DN
Scale	1:60






DWG. Title
AC CIRCUIT LAYOUT

DWG. No.
EL-601



-  Transformer box
-  PLUG 125V 15A
-  Waterproof PLUG 125V 15A
-  Floor PLUG 125V 15A
-  Floor Waterproof PLUG 125V 15A
-  Exhaust Fan Power SOCKET
-  P-xx In Transformer box's Number

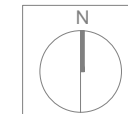


-  Transformer box
-  PLUG 125V 15A
-  Waterproof PLUG 125V 15A
-  Floor PLUG 125V 15A
-  Floor Waterproof PLUG 125V 15A
- P-xx In Transformer box's Number



Consultants:

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	HY
Checked by	DN
Scale	1:60

DWG. Title
AC CIRCUIT LAYOUT

DWG. No.
EL-602



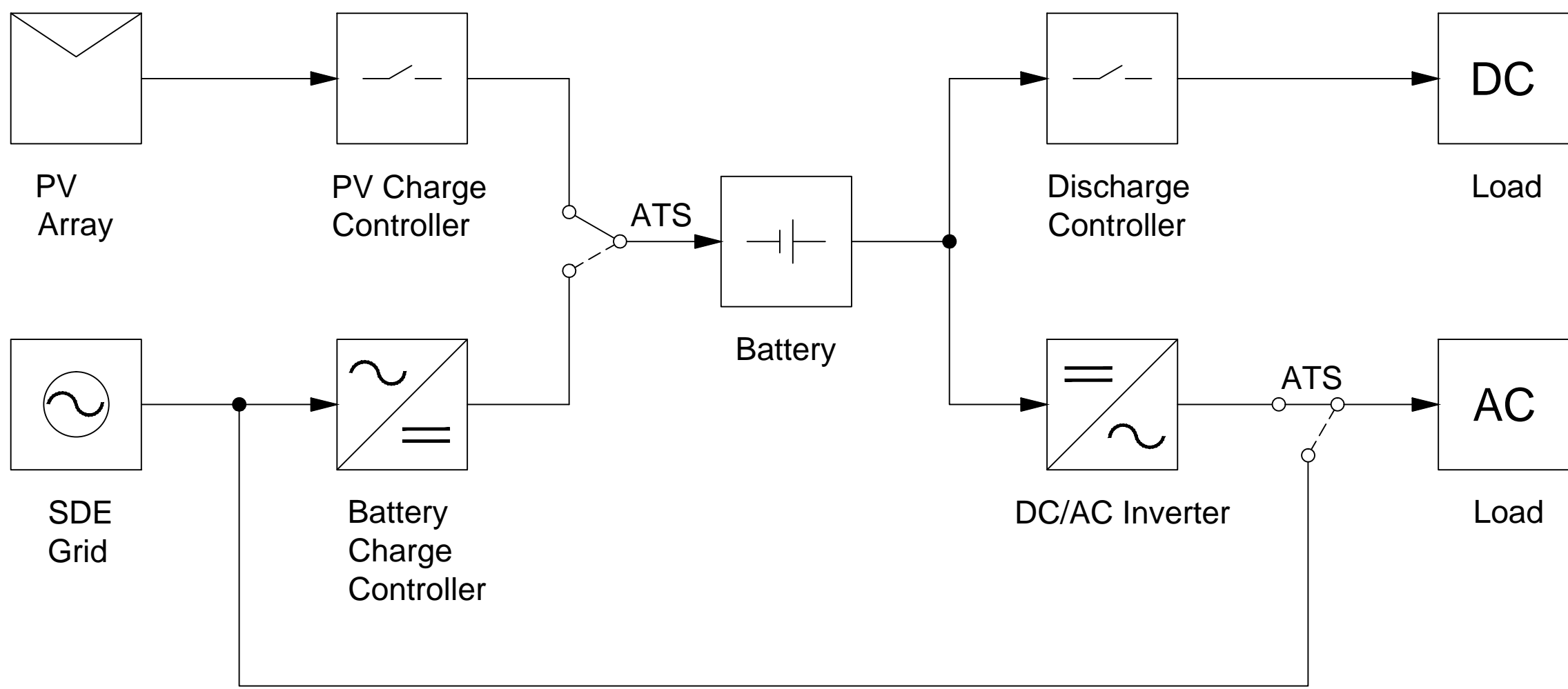
Note:

Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: GK
Checked by: DN
Scale: N.T.S

DWG. Title
PHOTOVOLTAIC SYSTEM:
GENERAL

DWG. No.
PV-001





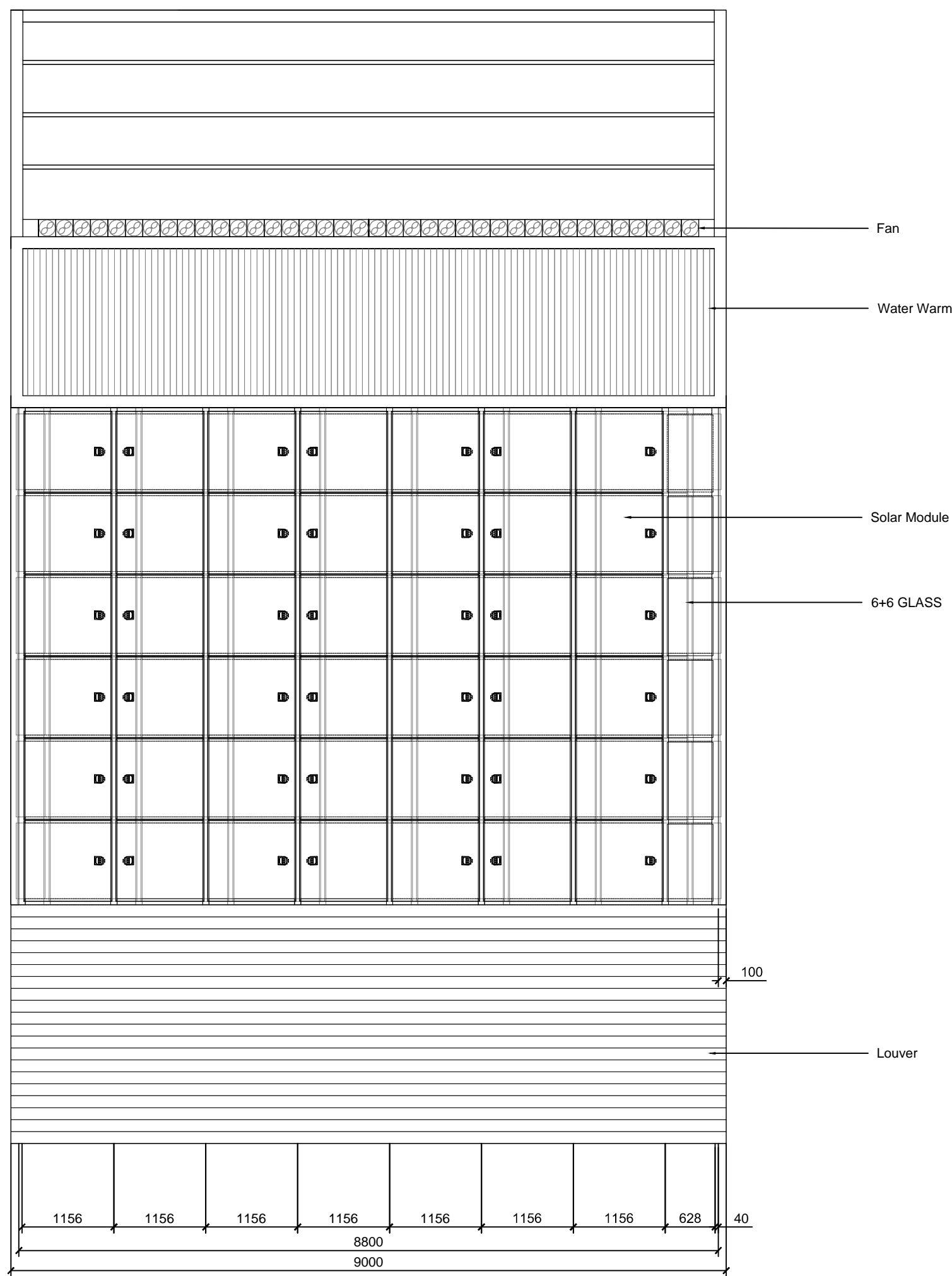
Note:

Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: AW
Checked by: DN
Scale: N.T.S

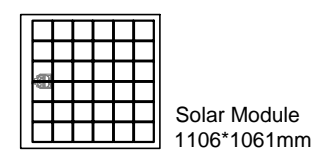
DWG. Title
PHOTOVOLTAIC SYSTEM:
GENERAL 2

DWG. No.
PV-002



系統設計資料
System Design Data

模組型式 Module Type	透光型 BIPV
模組輸出功率 Module Power	125 Wp
模組片數 Number of Module	42片
Inverter型式 Inverter Type	XX
Inverter台數 Number of Inverter	X
系統容量 System Capacity	5.25kWp
模組角度 Tilt Angle of Modules	17°
模組方位 Azimuth of Modules	正朝南
系統型式 System Type	併聯型 On Grid





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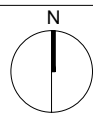
Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

T.B.D.

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: -
Checked by: DN
Scale: -

DWG. Title
PHOTOVOLTAIC SYSTEM:
DC CIRCUITS

DWG. No.
PV-011



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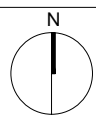
Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

T.B.D.

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: DN
Checked by: DN
Scale: -

DWG. Title
PHOTOVOLTAIC SYSTEM:
AC CIRCUITS

DWG. No.
PV-021



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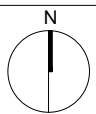
Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

T.B.D.

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: DN
Checked by: DN
Scale: -

DWG. Title
PHOTOVOLTAIC SYSTEM:
GROUNDING SYSTEM

DWG. No.
PV-031

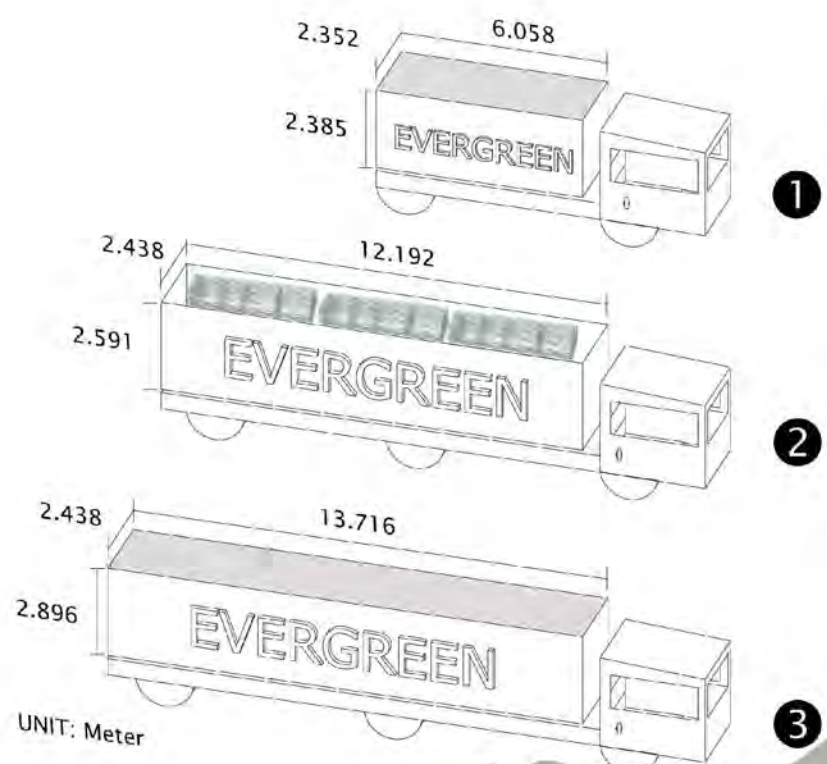
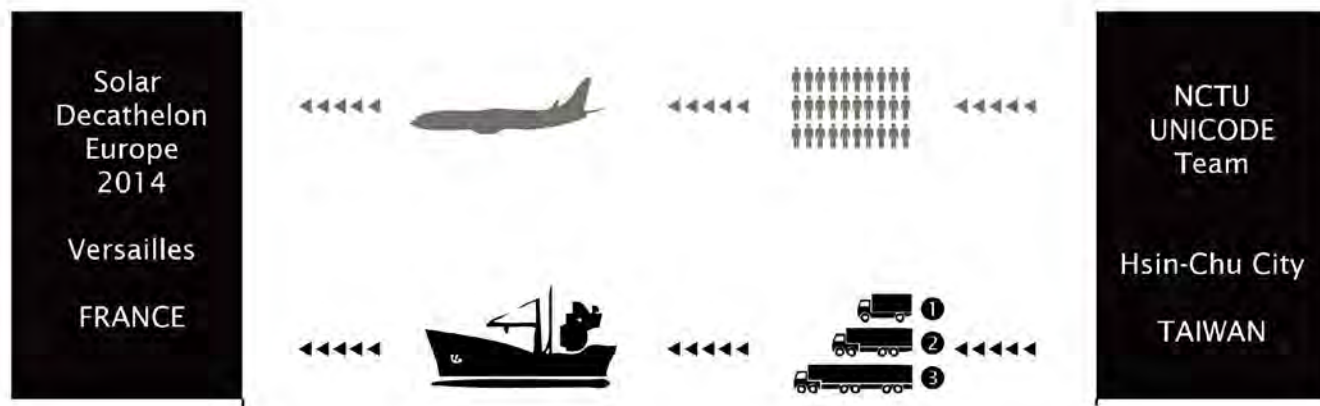


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: SS
Checked by: DN
Scale: -

DWG. Title: TRUCKS SHIPMENT
DWG. No.: SO-001

TRUCKS SHIPMENT PLAN



UNIT: Meter

20' Steel Dry Cargo Container

Exterior		
Length	Width	Height
20'-0"	8'-0"	8'-6"
6.058 m	2.438 m	2.591 m
Interior		
Length	Width	Height
19'-4 13/16"	7'-8 19/32"	7'-9 57/64"
5.898 m	2.352 m	2.385 m

- Home Appliances and Devices
- HVAC Heating and Cooling
- Water and Ventilation System
- Tanks and Pipes
- Solar Water Heater
- Furnitures and Lightings
- Construction Perfections and Tools

40' Full Height Open Top Container

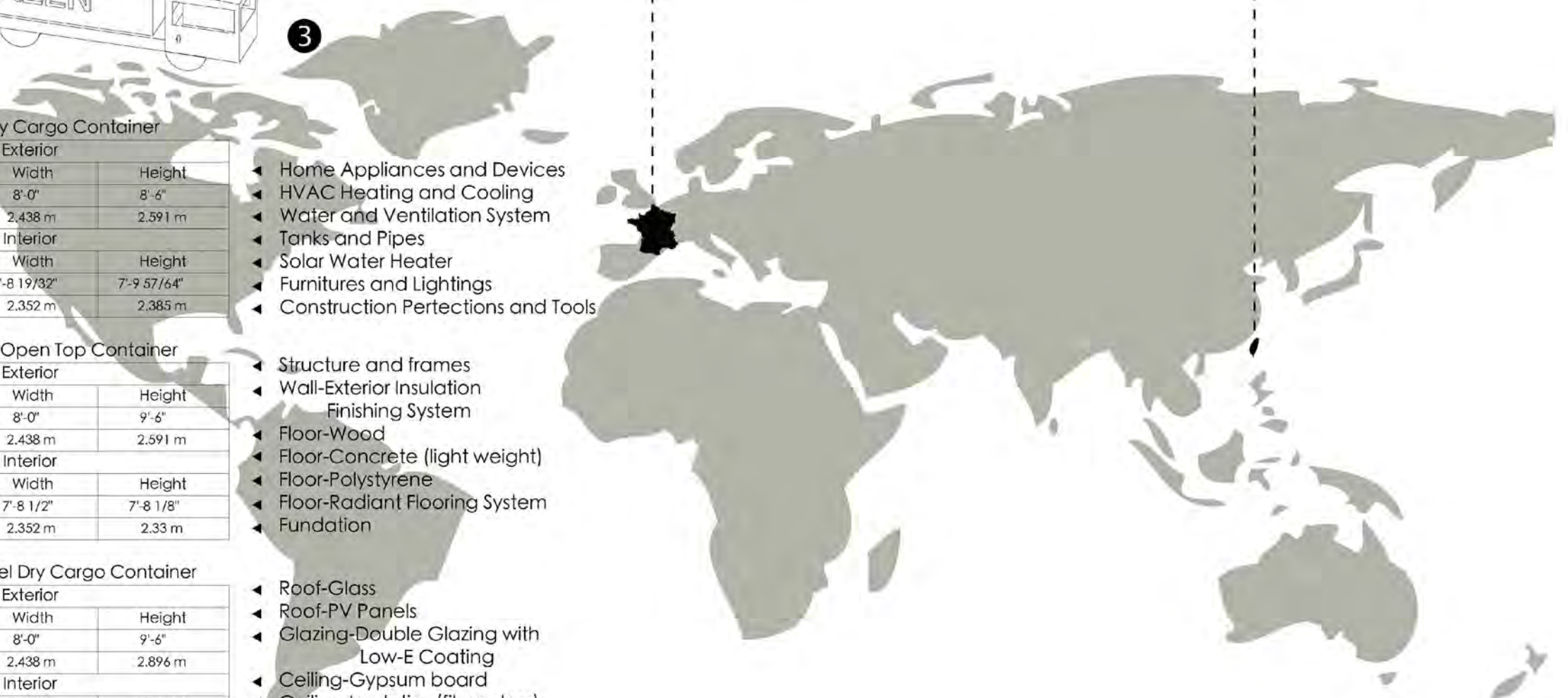
Exterior		
Length	Width	Height
40'-0"	8'-0"	9'-6"
12.192 m	2.438 m	2.591 m
Interior		
Length	Width	Height
39'-5"	7'-8 1/2"	7'-8 1/8"
12.034 m	2.352 m	2.33 m

- Structure and frames
- Wall-Exterior Insulation
- Finishing System
- Floor-Wood
- Floor-Concrete (light weight)
- Floor-Polystyrene
- Floor-Radiant Flooring System
- Fundation

45' Hi-Cube Steel Dry Cargo Container

Exterior		
Length	Width	Height
45'-0"	8'-0"	9'-6"
13.716 m	2.438 m	2.896 m
Interior		
Length	Width	Height
44'-5 7/10"	7'-8 19/32"	8'-10 17/64"
13.556 m	2.352 m	2.698 m

- Roof-Glass
- Roof-PV Panels
- Glazing-Double Glazing with Low-E Coating
- Ceiling-Gypsum board
- Ceiling-Insulation(fiber glass)
- Ceiling-Plywood
- Digital Signages





NCTU Architecture
國立交通大學建築研究所

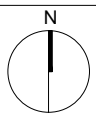
Team Name: NCTU/UNICODE
Address: 1001 Ta-Hsueh Road
Hsinchu City 30010
Taiwan
Contact: www.sde.tw



Consultants:

T.B.D.

Note:



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by SS
Checked by DN
Scale -

DWG. Title
SOLAR VILLAGE

DWG. No.
SO-101



NCTU Architecture
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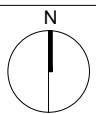
Team Name: NCTU/UNICODE
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Hsinchu City 30010
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Contact: www.sde.tw



Consultants:

T.B.D.

Note:

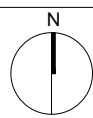


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by: SS
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DWG. Title
LOT PLAN

DWG. No.
SO-102

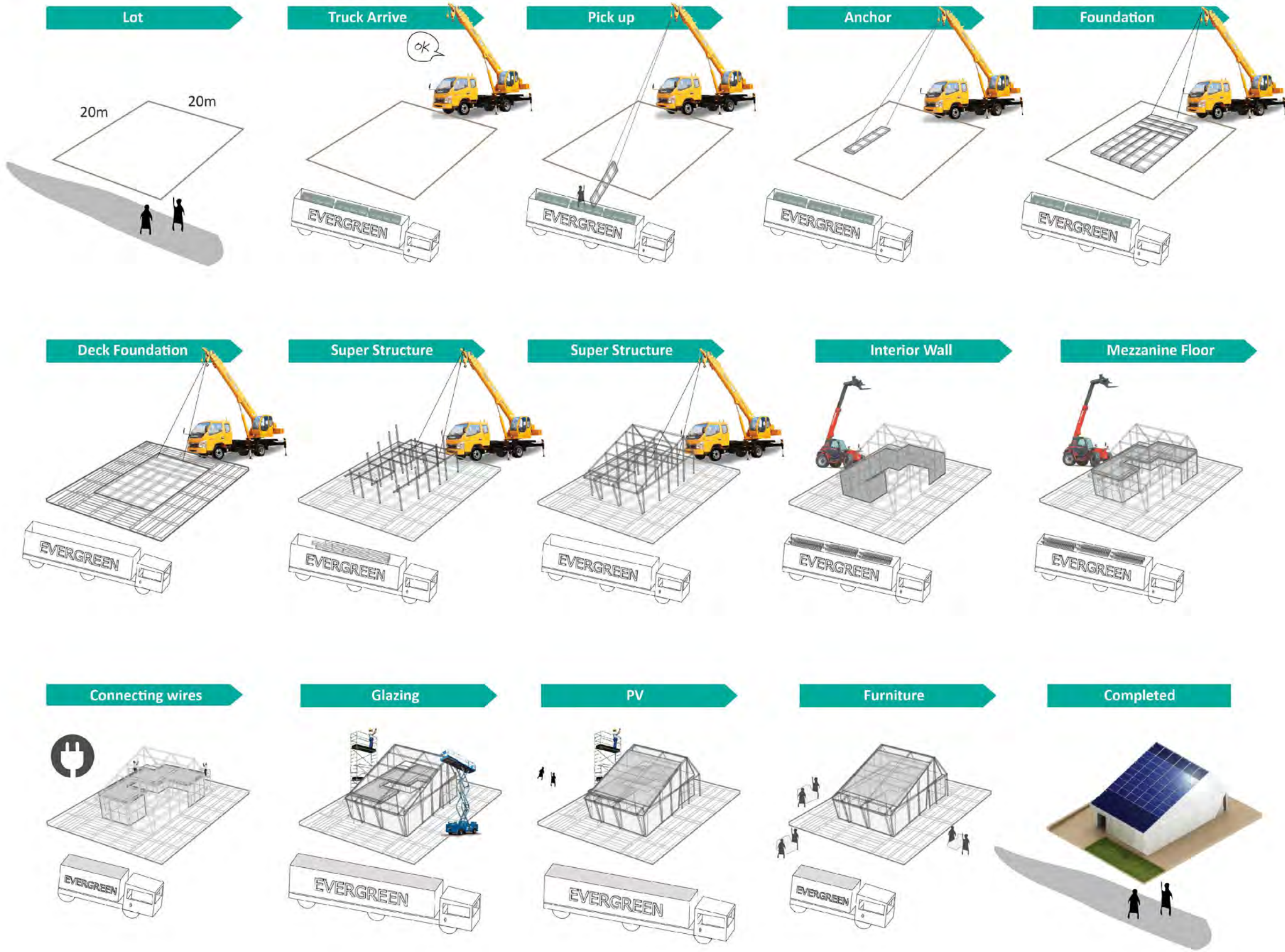


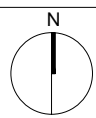
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DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	AH+SS
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DWG. Title	PHASE
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DWG. No.	SO-201
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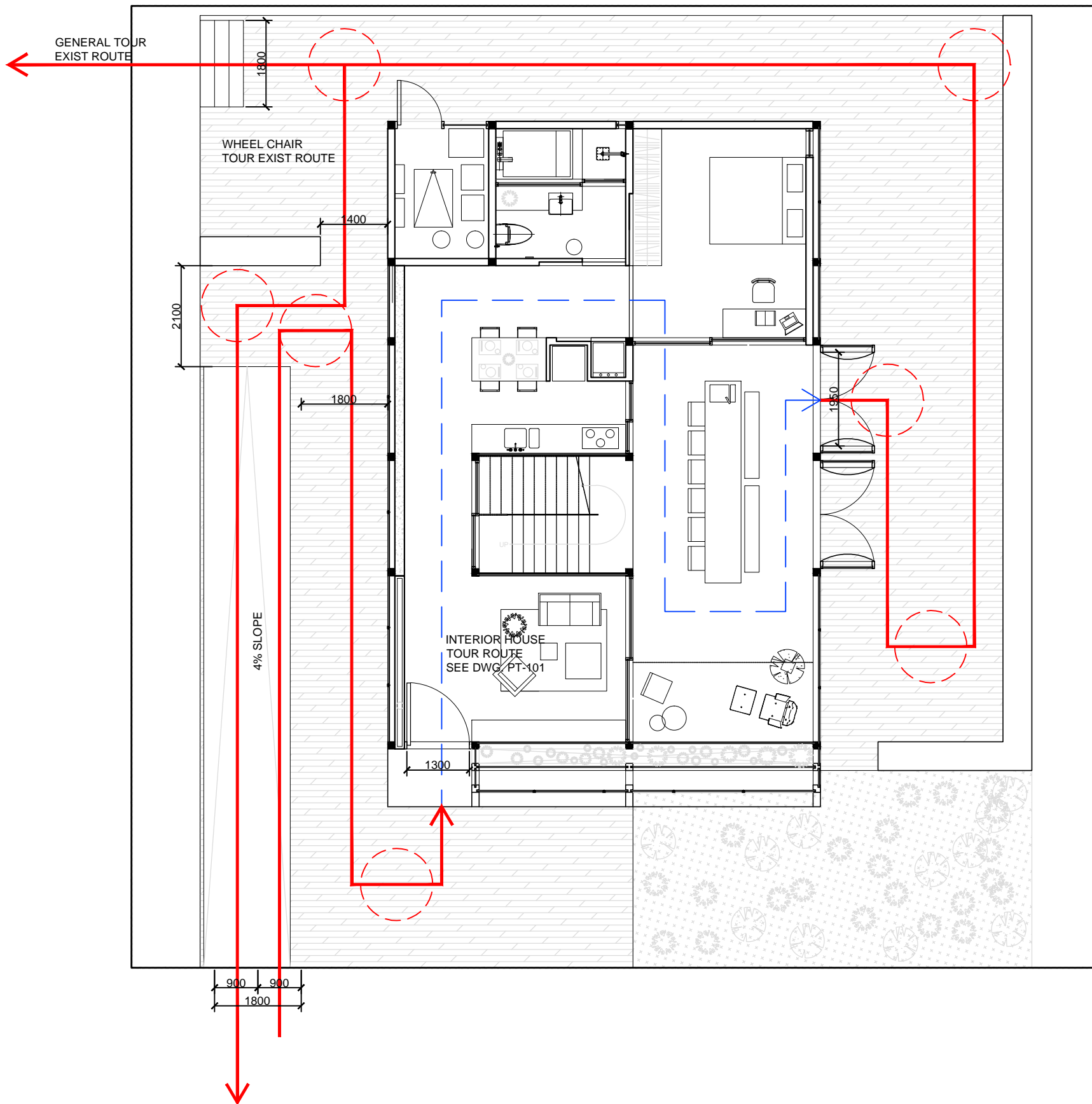


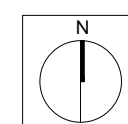
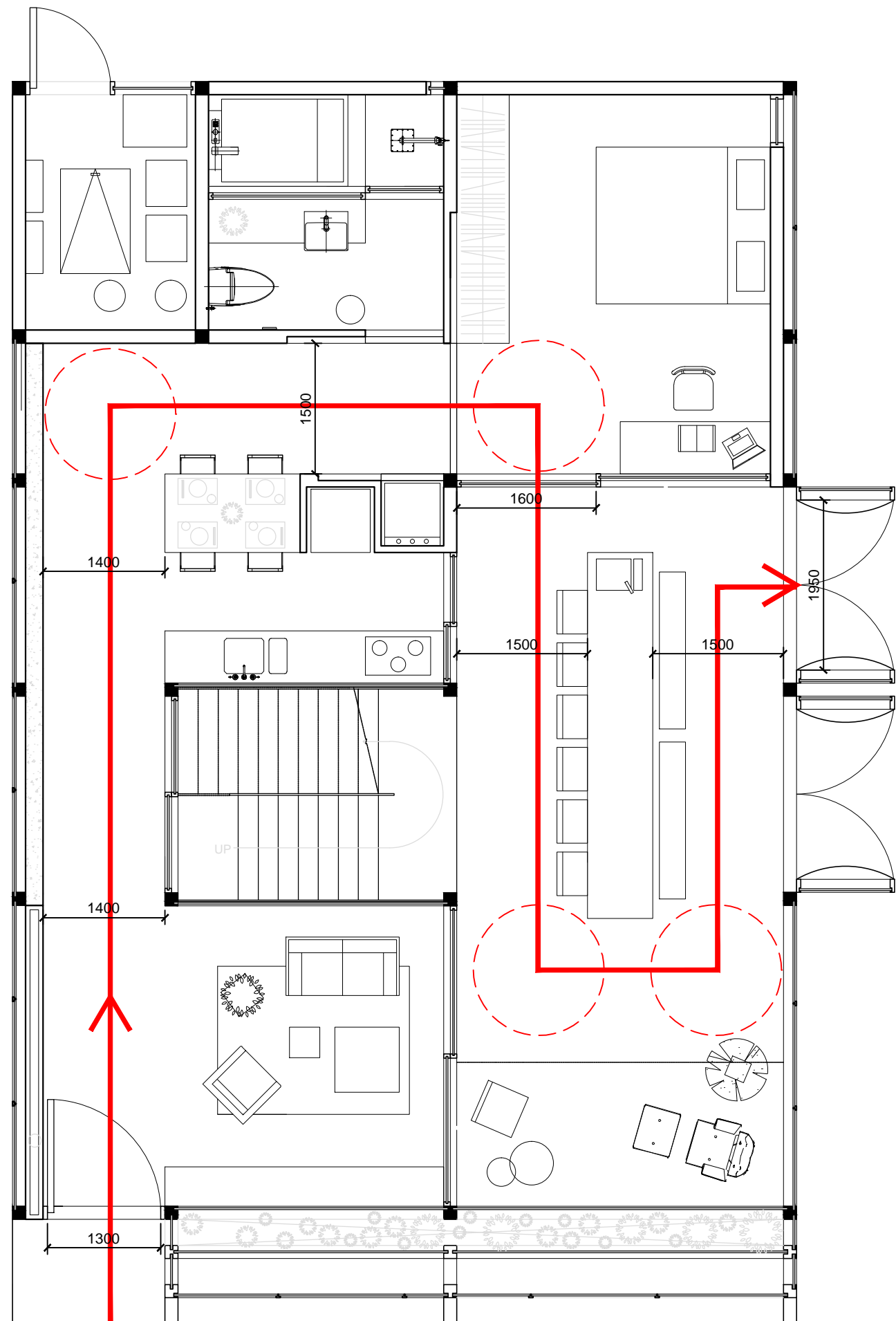
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DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

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DWG. Title
SITE ACCESSIBILITY

DWG. No.
PT-001



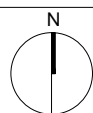


Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	DN
Checked by	DN
Scale	-

DWG. Title
HOUSE TOUR FLOOR PLAN

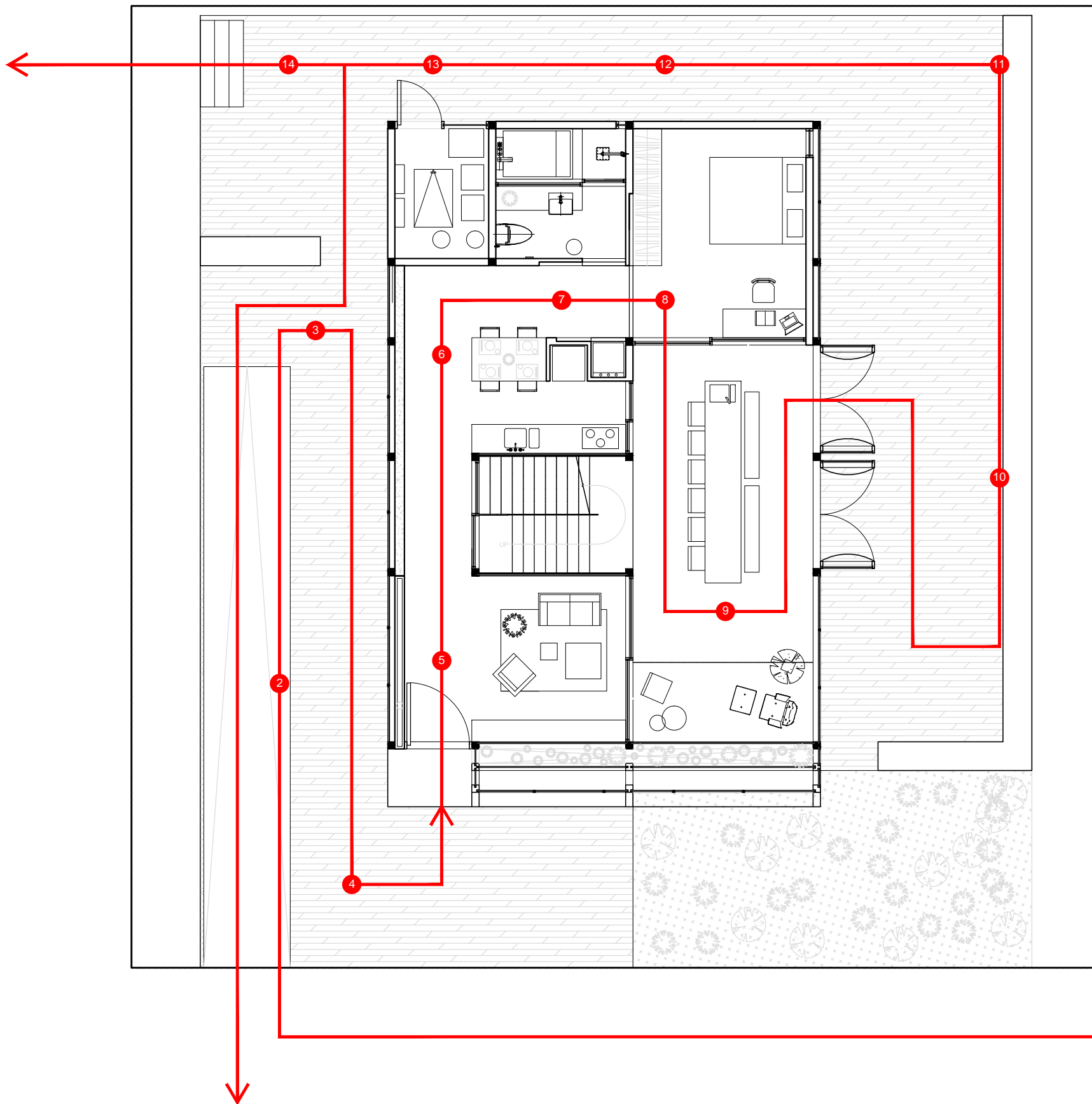
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PT-101



Mark	Date	Description
DN	2013/04/01	SD Submission
DN	2013/07/01	DDc Submission

Drawn by	DN
Checked by	DN
Scale	1:100

DWG. Title	HOUSE TOUR GENERAL INFORMATION
DWG. No.	PT-201



- 1: FIRST IMPRESSION
- 2: WAIT & WATCH
- 3: GET BROCHURE
- 4: PHOTO SPOT 1
- 5: LIVING ROOM & GRAY WATER SYSTEM
- 6: KITCHEN & THERMAL MASS
- 7: BATHROOM & ACTIVE CONTROL SYSTEM
- 8: BEDROOM & WORKSTATION
- 9: GREEN HOUSE TECHNOLOGIES
- 10: OPEN DECK & BIG VIEW
- 11: PHOTO SPOT 2
- 12: SPONSOR PRESENTATION BOARDS
- 13: MECHANICAL SYSTEM
- 14: FEEDBACK