

Architectural design

1. Design basis:
 1. Approval of the Yangon Vocational and Technical School in Myanmar;
 2. Process design requirements provided by the Yangon Vocational and Technical School in Myanmar;
 3. "General Rules for Civil Building Design" GB50352-2005
 4. "Code for Fire Protection of Building Design" GB50016-2014
 5. Other relevant norms, standards, etc. of the state, local and industry.
2. Overview of construction projects:
 1. Myanmar Yangon Vocational and Technical School – Phase I project, the school is a multi-story steel structure.
The outer wall enclosure is made of local red bricks in Myanmar, and the roof is surrounded by single-layer color steel plates. The building area is 6286.67m.
 2. The structural design of the building is designed for a period of 50 years. The seismic fortification intensity is degree. The fire resistance rating of the building is Grade II.
The roof waterproof rating is grade.
 3. The dimensions noted in the figure are in millimeters except for the elevation in meters.
3. Indoor and outdoor height difference and elevation.
 1. The specific location of the building is determined according to the general plan. ±0.000 is equivalent to the Yellow Sea elevation, and the indoor and outdoor height difference is 1.000 meters.
4. Building materials and construction treatment:
 1. Wall:
 - (a) 1.00m above and above external walls and internal partition walls: using local red bricks from Myanmar and M7.5 mixed mortar.
 - (b) The wall of the lighting area above 0.880 meters: the glass curtain wall (designed and installed by professional manufacturers).
 - (c) Axle wall from axis to axis with an elevation of 1 m to 6.2 m: white vertical BP3 wall panel, purlin, steel column, white vertical BP3 wall panel.
 2. The exposed iron parts must be rust-proofed, the outdoor components are made of 70μm thick epoxy zinc-rich anti-rust primer, and the epoxy-coated cloud-iron intermediate paint is once 60μm.
The topcoat is made of 70μm thick polyurethane topcoat; the steel structural components must be shot blasted and rust-proofed, and must not be manually rusted (except for galvanized iron parts, no shot blasting is required)
Descaling treatment and anti-corrosion paint treatment), the cleanliness must conform to the specification Sa2.5, after rust removal, brush 70μm thick epoxy zinc-rich anti-rust primer second degree, brush epoxy cloud iron intermediate
Paint once 60μm, topcoat brush fire retardant coating (should not react with intermediate paint, primer) to ensure the column's fire resistance is not less than 2.5 hours,
The beam is not less than 1.5 hours, the roof load-bearing member is not less than 1.0 hour, and the remaining steel structural members are rust-removed and the brush is 70 μm thick epoxy.
Zinc-rich anti-rust primer second degree, brushed epoxy cloud iron intermediate paint once 60μm, topcoat with 70μm thick polyurethane topcoat twice.
 3. Abrasion-resistant concrete floor (construction from top to bottom): curing agent grinding surface polishing, 3 thick mixed wear-resistant aggregate surface polishing surface (constructed by professional construction unit)
(Amount of corundum aggregate is not less than 5kg/m), 120-thick reinforced concrete, HG-240 floor slab, secondary beam, steel beam
 4. The reserved holes and pre-embedded parts of the building structure should be closely coordinated with the relevant work such as water, electricity and heating.
 5. When all water, electricity and warm pipelines pass through the wall and floor, they must reserve the hole and pre-bury the casing to seal.
 6. Where the ceiling structure, door and window connection structure and technical requirements are provided by the manufacturer, all need to consider good sealing.
- V. Acceptance rules:
 1. The material specifications and construction requirements used in this project are implemented in accordance with the current national construction and installation acceptance criteria.
 2. The unfinished aspects of this design are implemented in accordance with the relevant national regulations. The main reference specifications are as follows:
 - (1). Code for Construction and Acceptance of Building Ground Engineering GB50209-2010
 - (2). "Uniform Standard for Construction Quality Acceptance of Construction Engineering" GB50300-2013
 - (3). "Code for Quality Acceptance of Building Decoration Engineering" GB50210-2001
 - (4). "Code for acceptance of construction quality of steel structure engineering" GB50205-2001
 - (5). "Code for quality acceptance of roofing works" GB50207-2012
6. Other:
 1. The doorstep and the junction of the slope and the road surface shall be the same height as the road surface during construction.
 2. Where the position of the structural column in the figure is based on the figure, the size of the decorative member shall be subject to the construction.
 3. Where the design drawings do not conform to the construction instructions, the design drawings shall prevail.
 4. This design drawing should be closely coordinated with the relevant professional drawings. If the professional drawings are incorrect or touch, missing, leaking, etc. should be timely and designed.
Contact the hospital for modification. Do not arbitrarily modify the design drawings or punch holes in each component without the consent of the design unit, such as
It is really necessary to consult with the design unit to solve the problem. Anyone who is not indicated on the map and not stated in the table is in accordance with the relevant current national regulations.
Construction.

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET
NO.

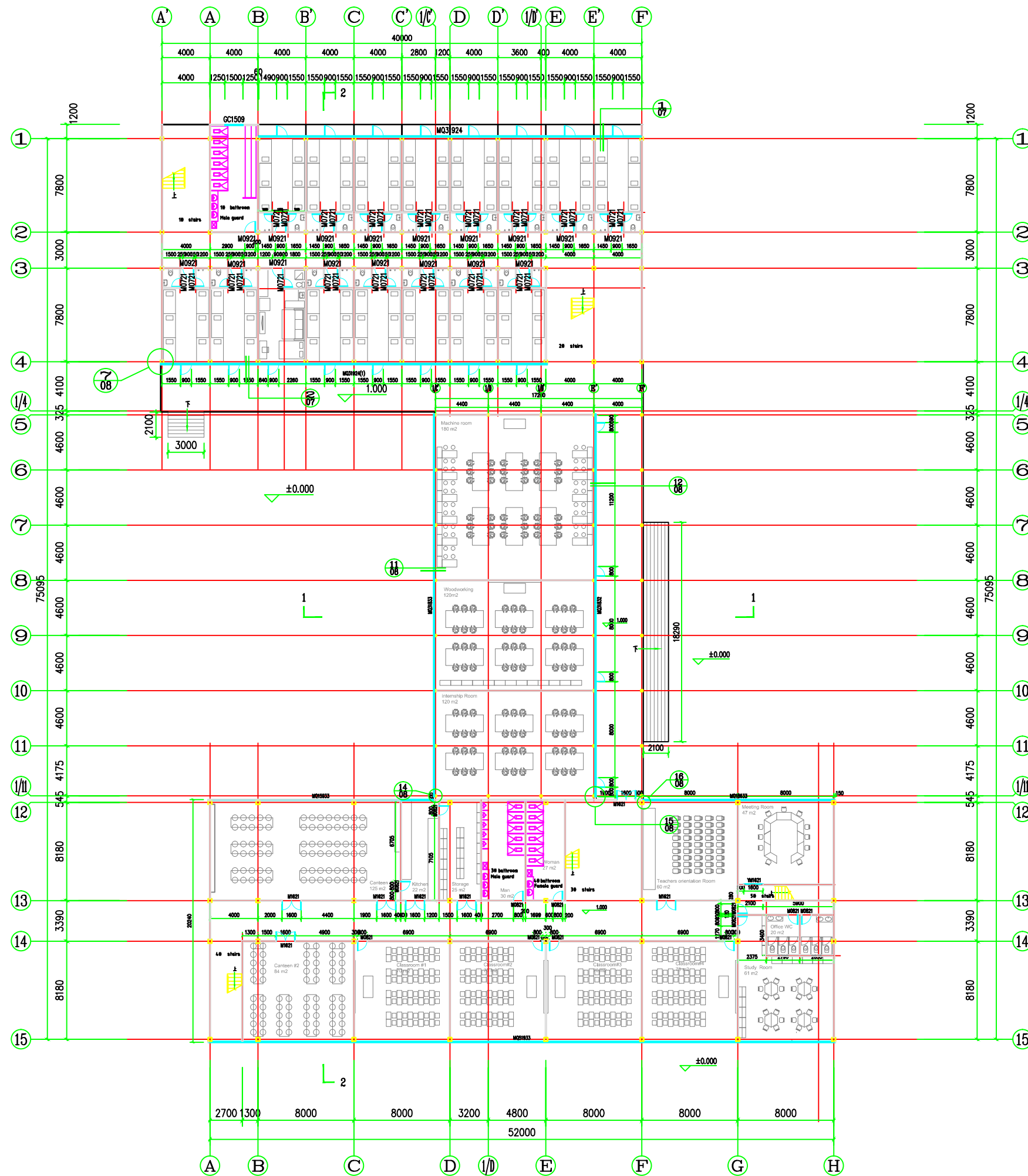
DATE

PE

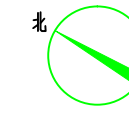
LC

SLA

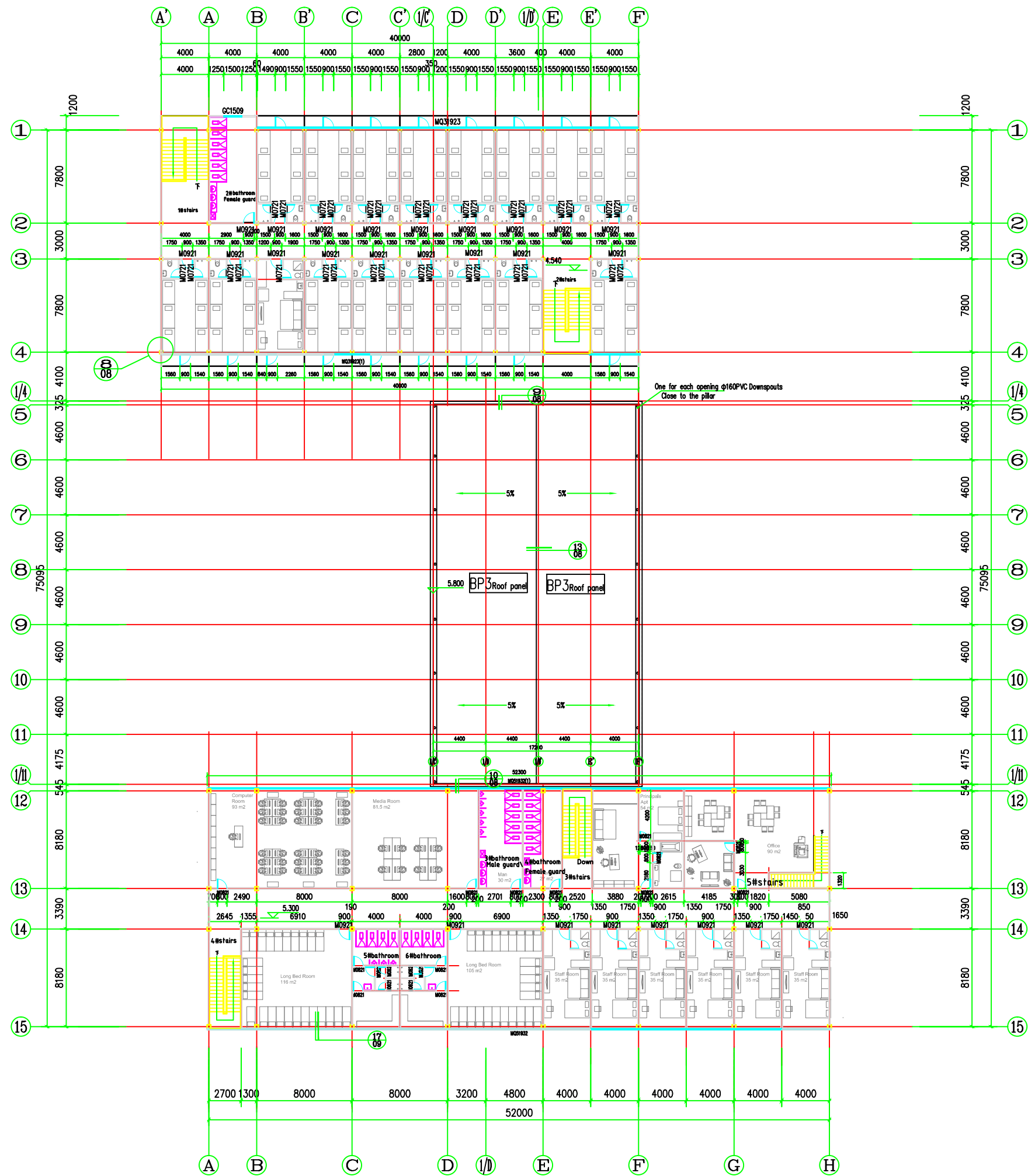
OWNER



Elevation 1.000 Floor plan 1:200



OWNER/APPLICANT	
COMPANY	
PROJECT	BLOCK NO
	LOT NO
	TOWNSHIP
SUBJECT	
SCALE	SHEET NO.
DATE	
PE	
LC	
SLA	
OWNER	



SecondFloor plan 1:200

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

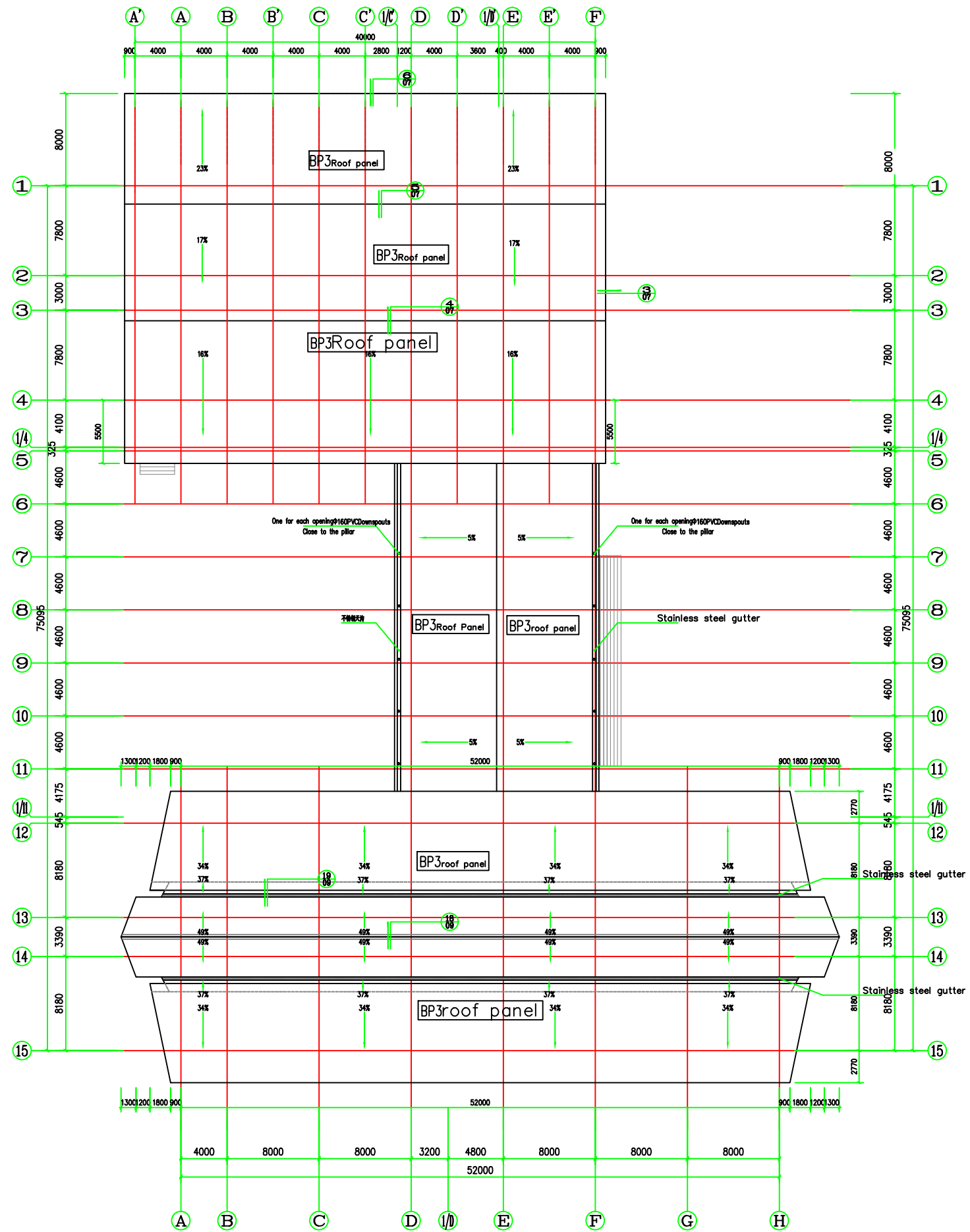
DATE

PE

LC

SLA

OWNER



Roof plan 1:200

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET

DATE

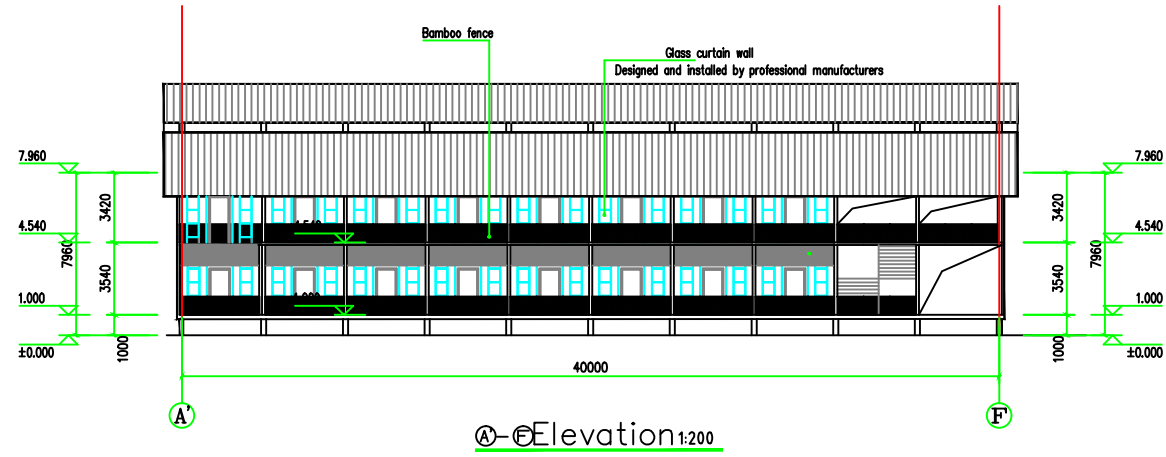
NO.

PE

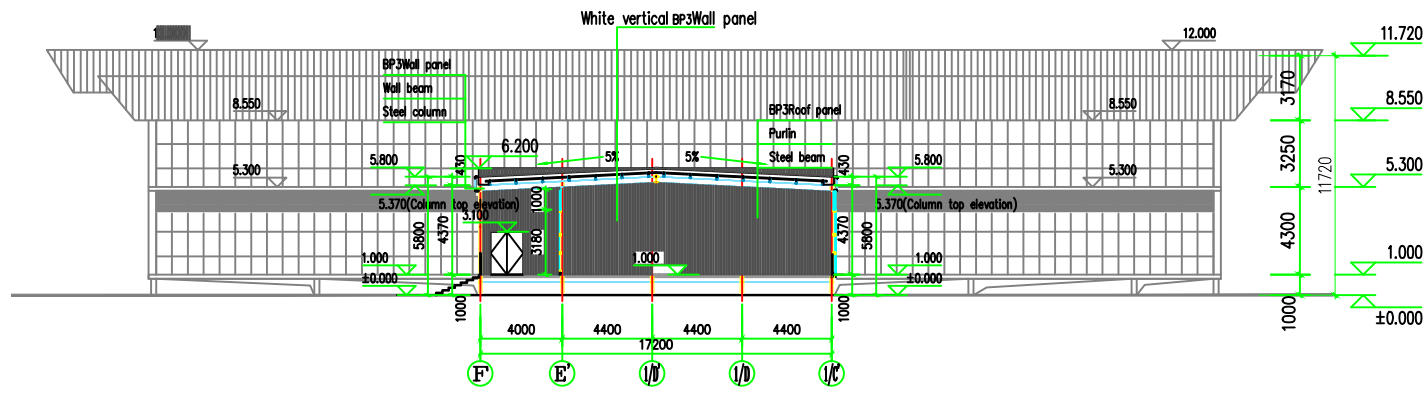
LC

SLA

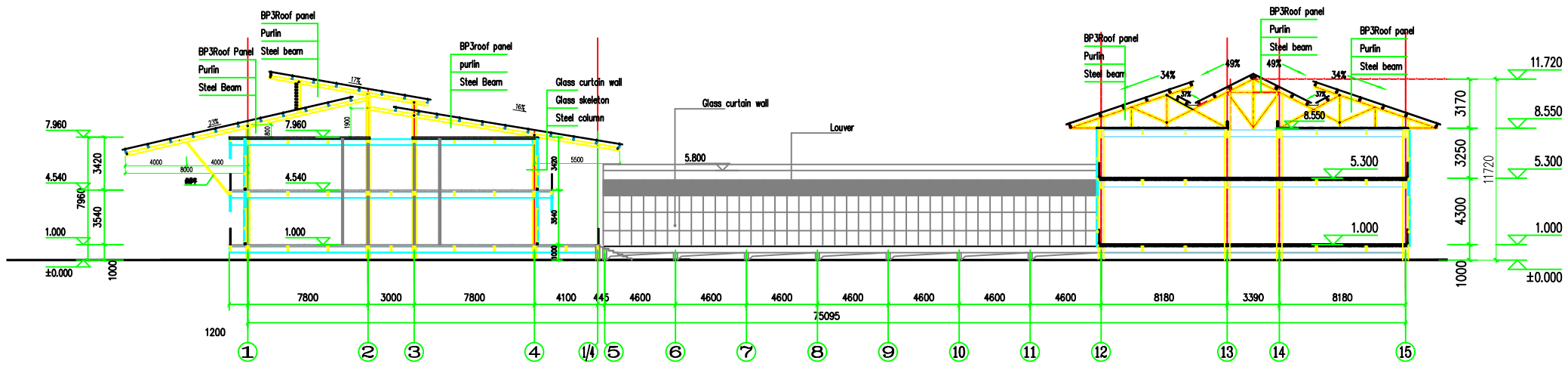
OWNER



A-F Elevation 1:200



1-1 Sectional view 1:200



2-2 Sectional view 1:200

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

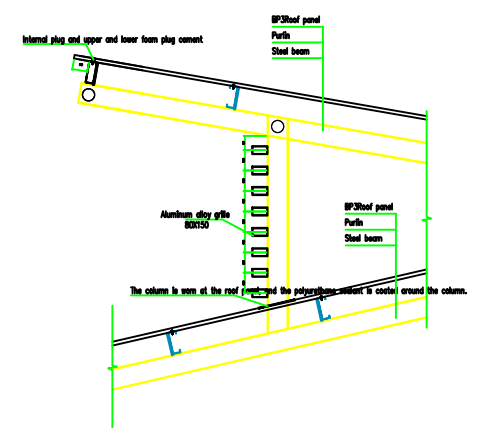
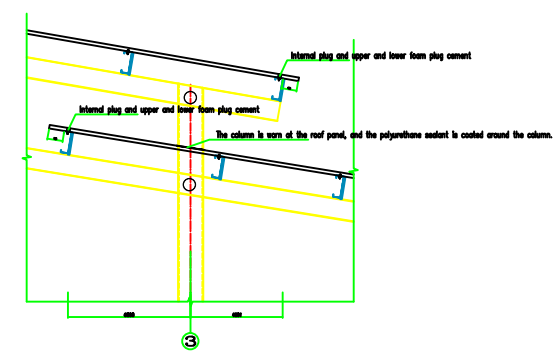
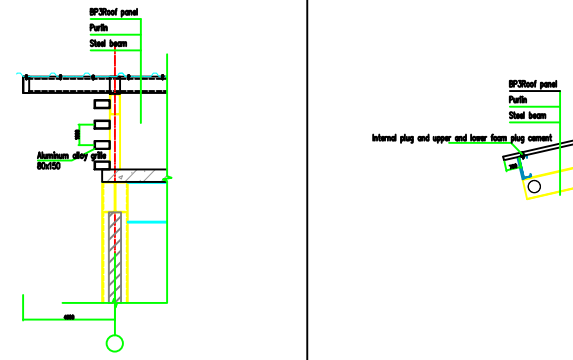
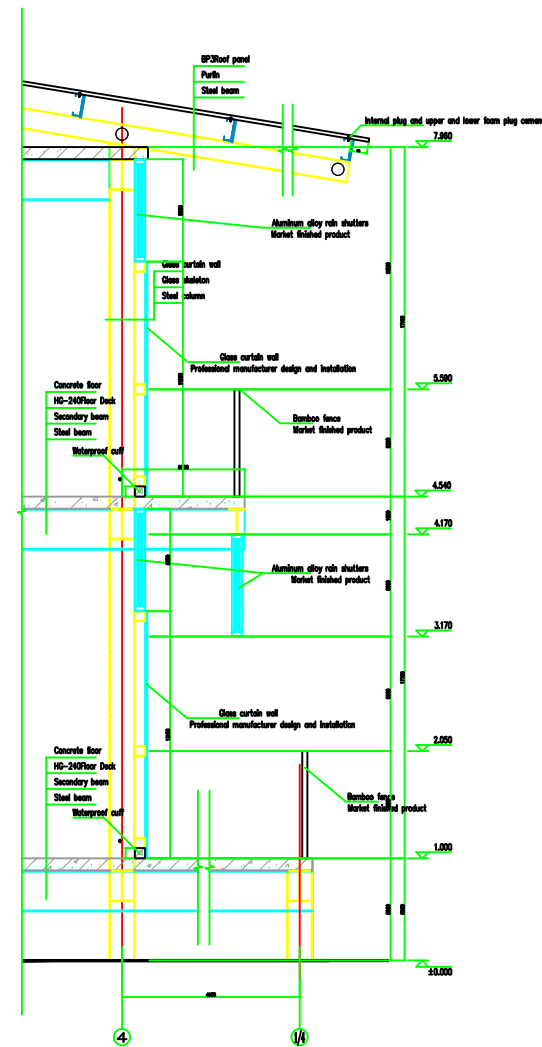
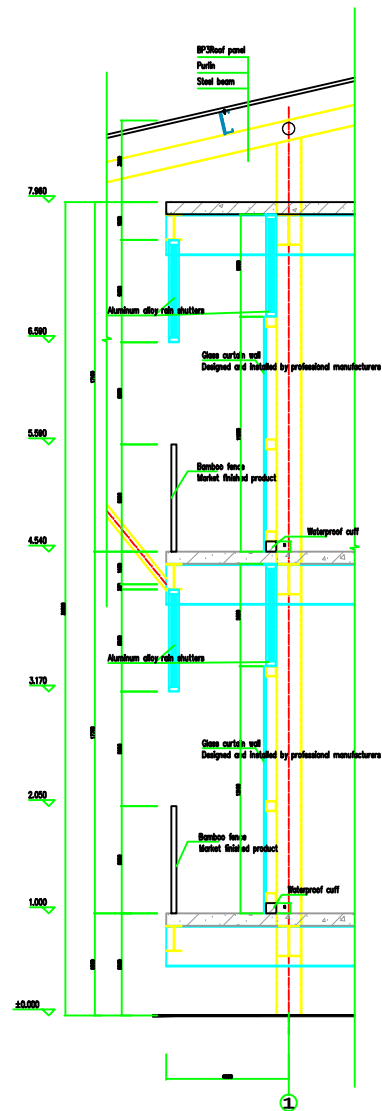
DATE

PE

LC

SLA

OWNER



OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO
LOT NO
TOWNSHIP

SUBJECT

SCALE
DATE

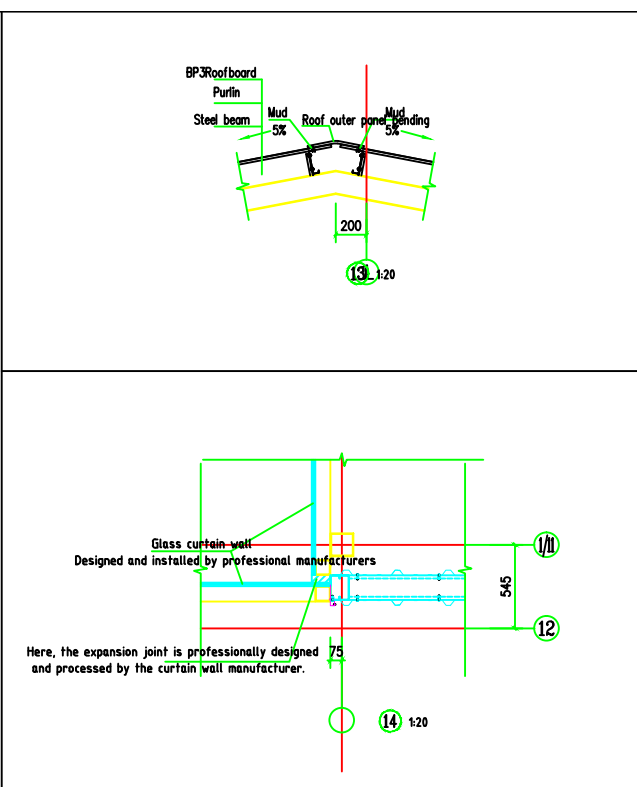
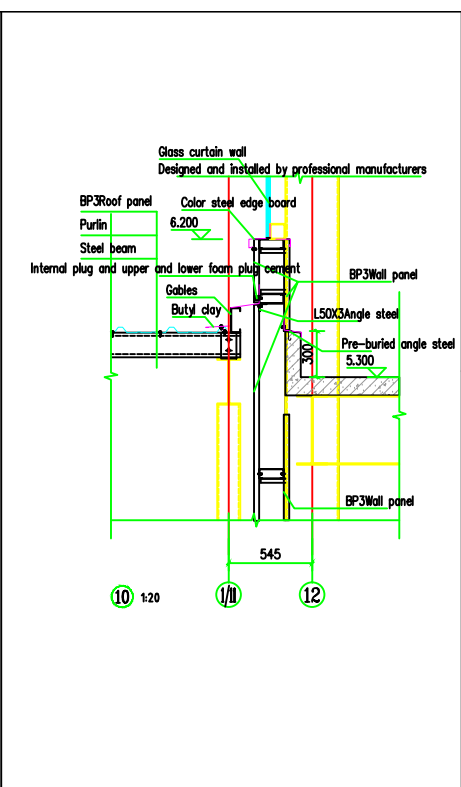
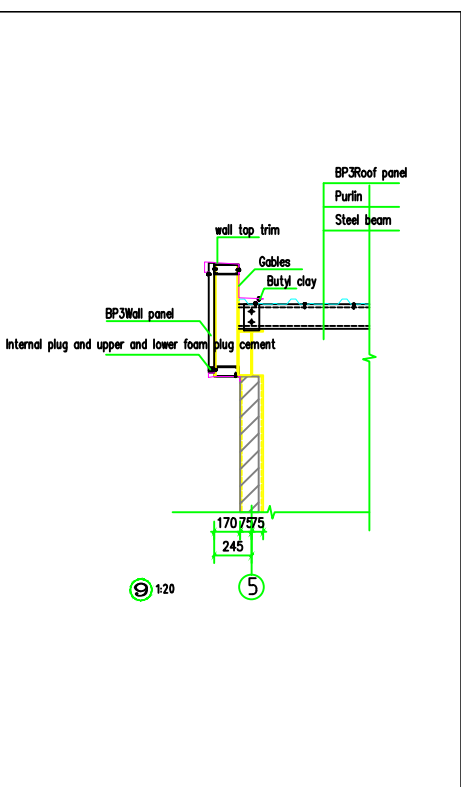
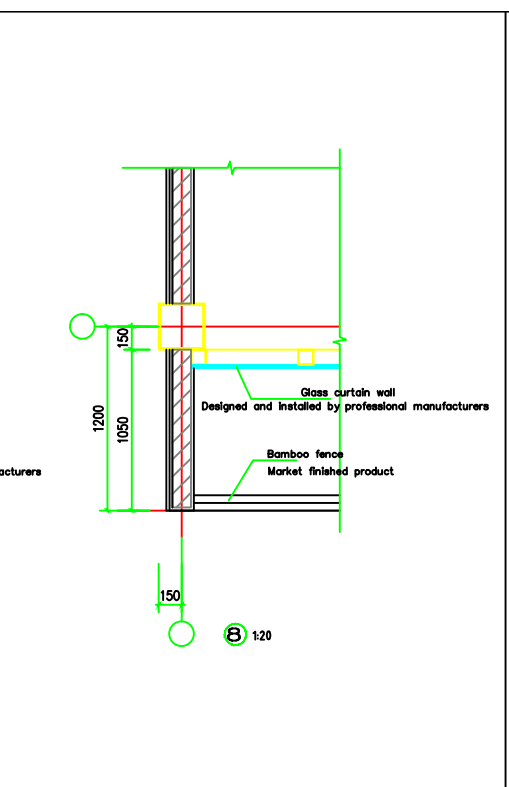
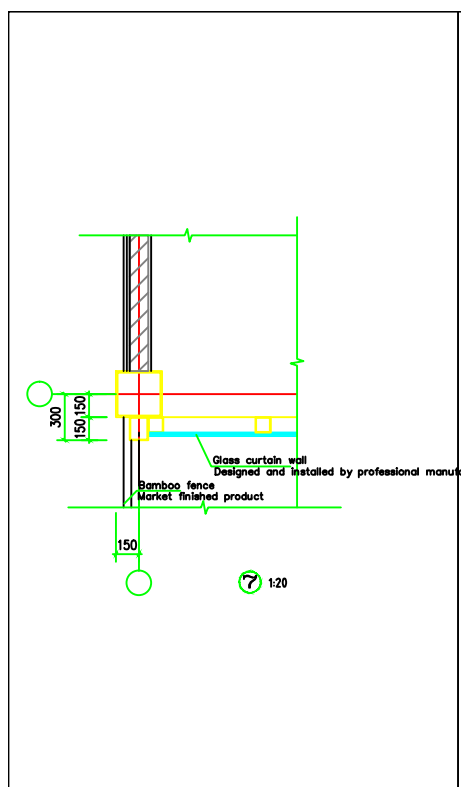
SHEET NO.

PE

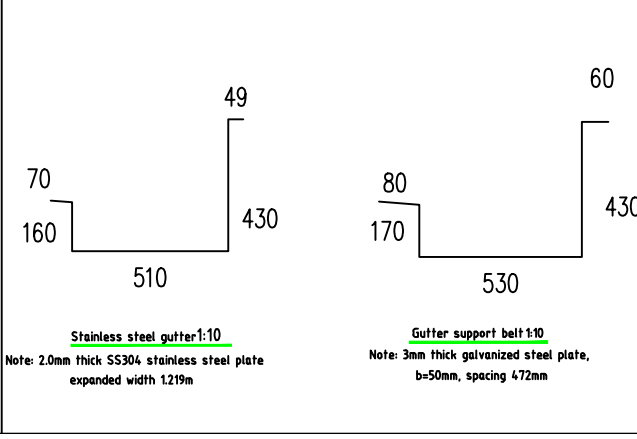
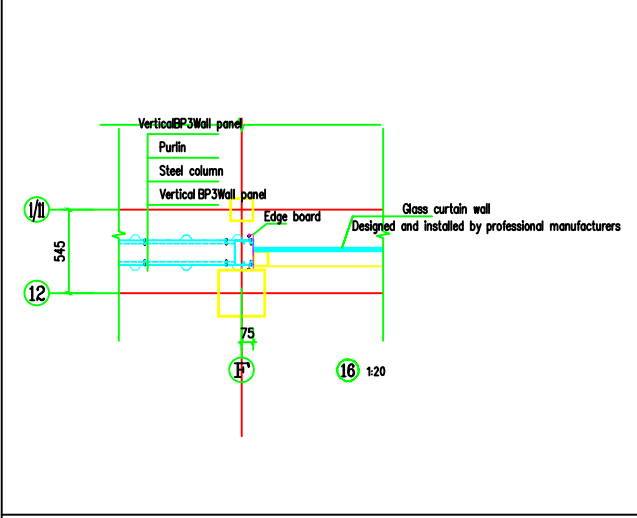
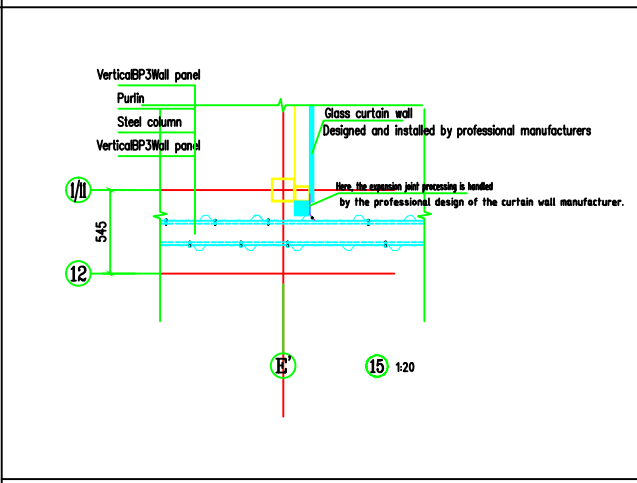
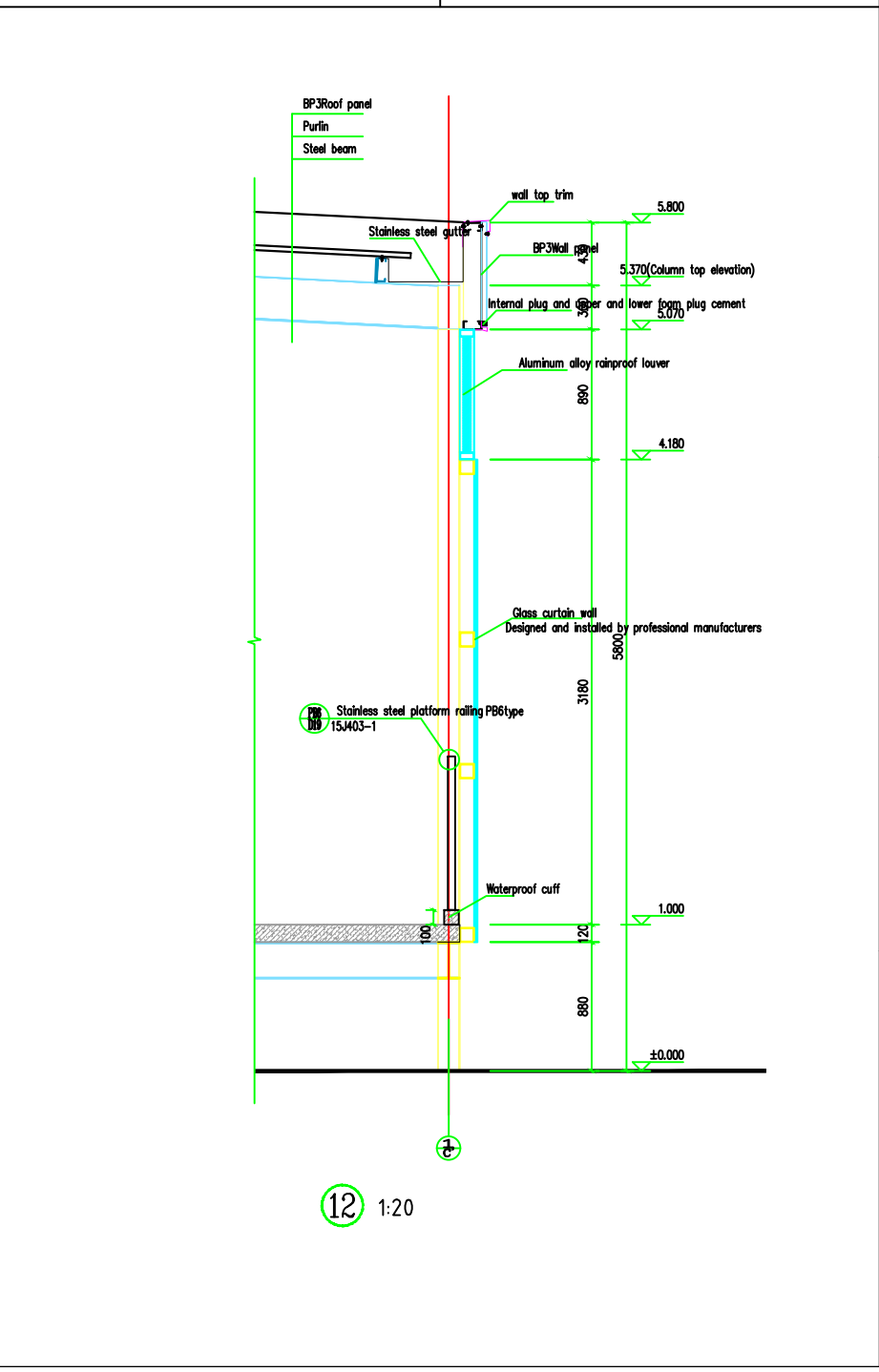
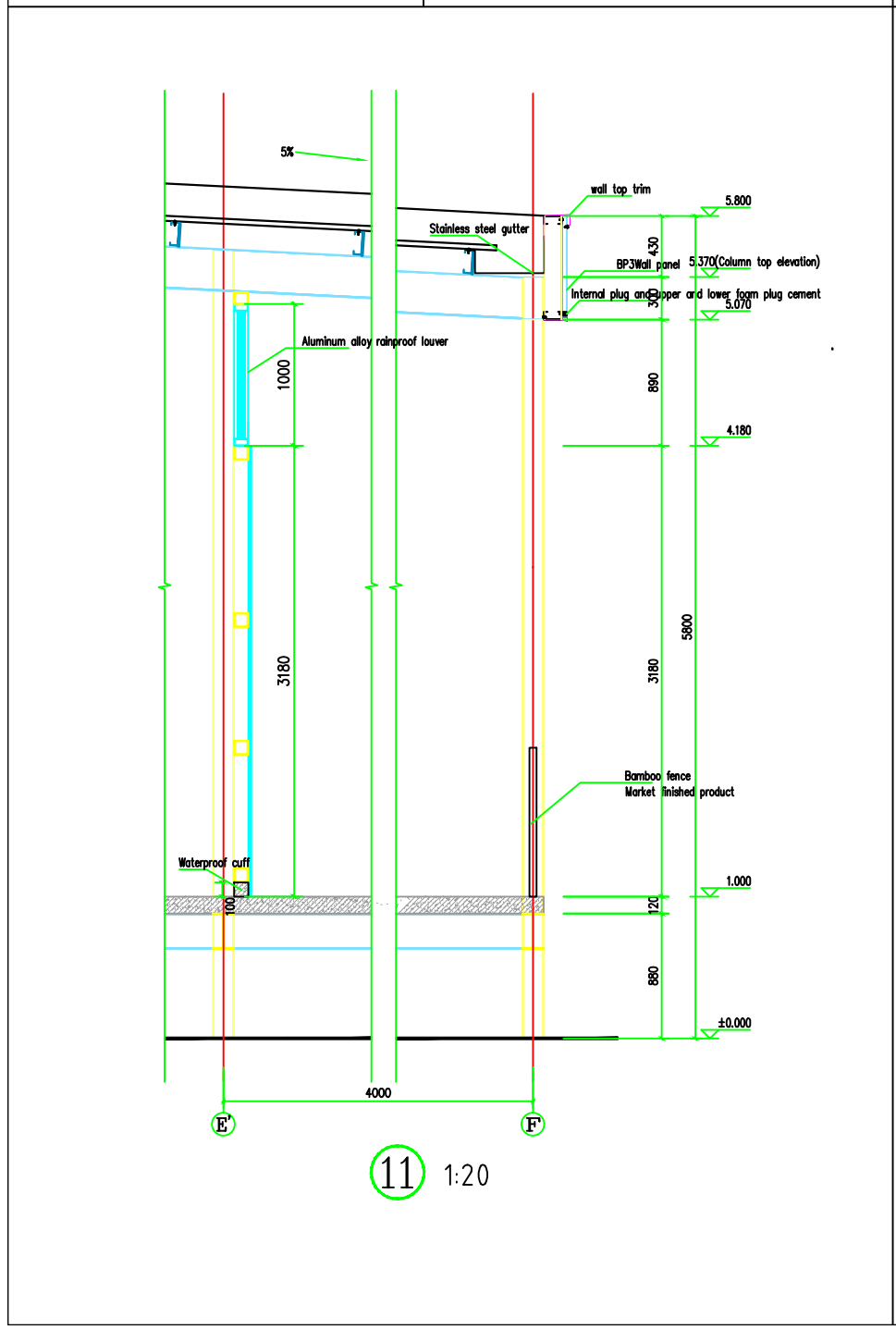
LC

SLA

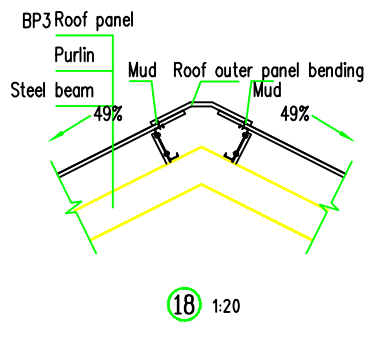
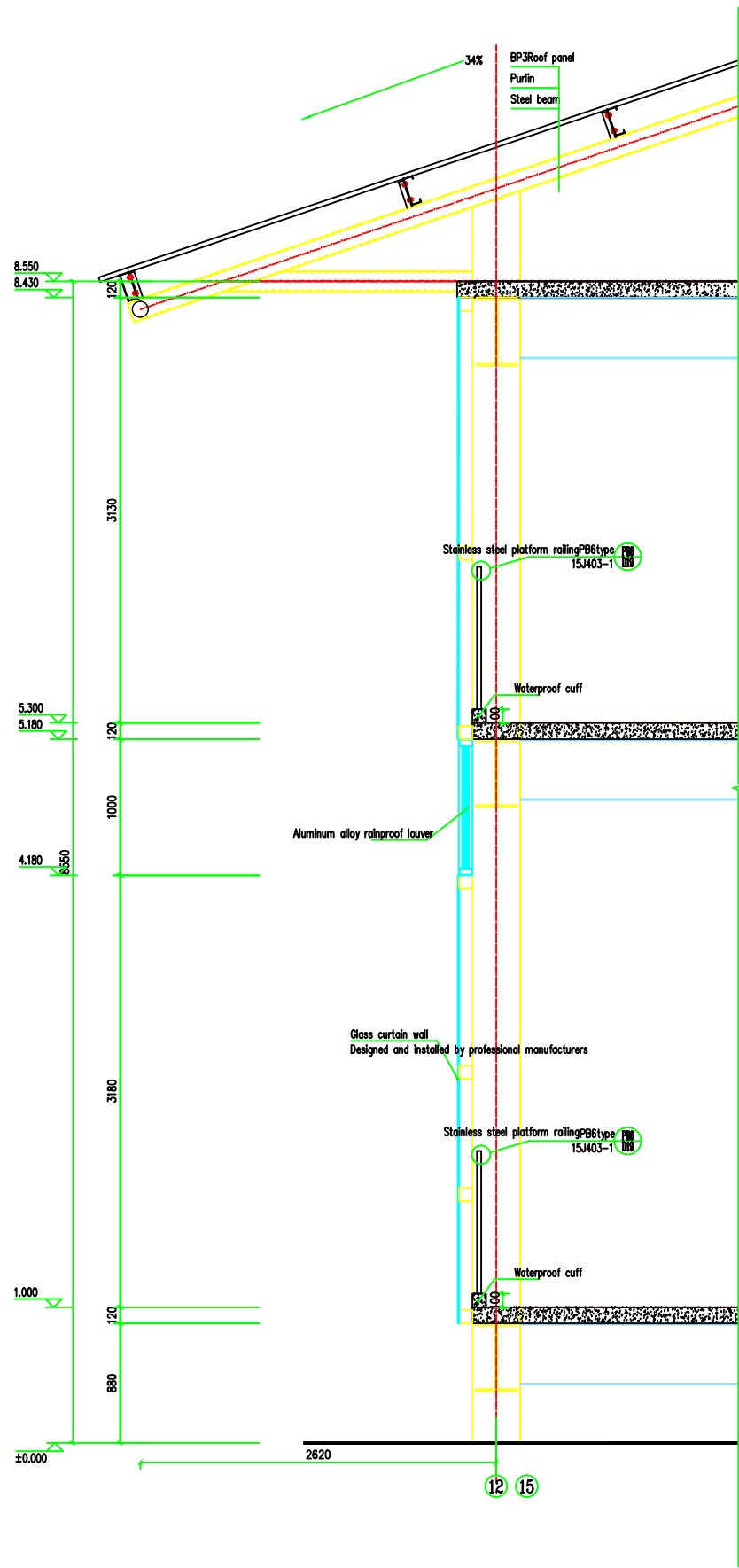
OWNER



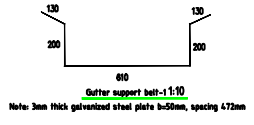
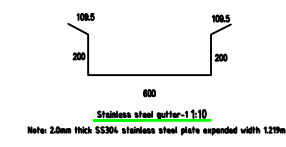
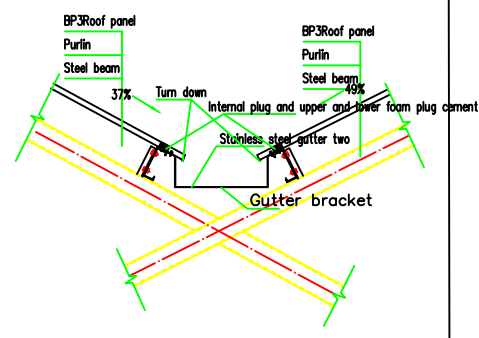
OWNER/APPLICANT	
COMPANY	
PROJECT	
	BLOCK NO
	LOT NO
	TOWNSHIP
SUBJECT	
SCALE	SHEET NO.
DATE	
PE	
LC	
SLA	
OWNER	



SCALE	SHEET NO.
DATE	
PE	
LC	
SLA	
OWNER	



18 1:20



OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

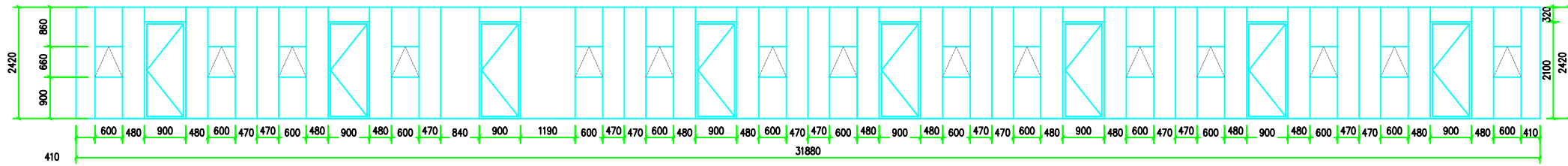
DATE

PE

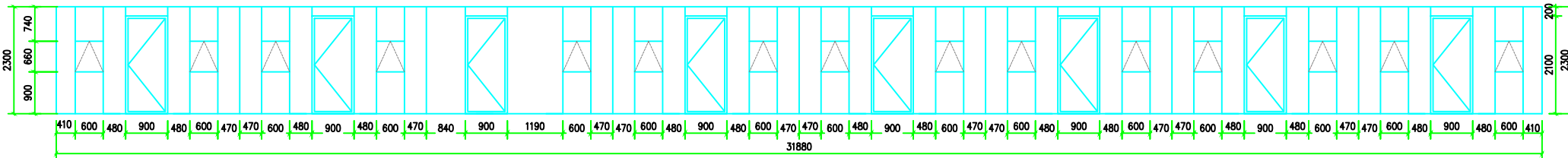
LC

SLA

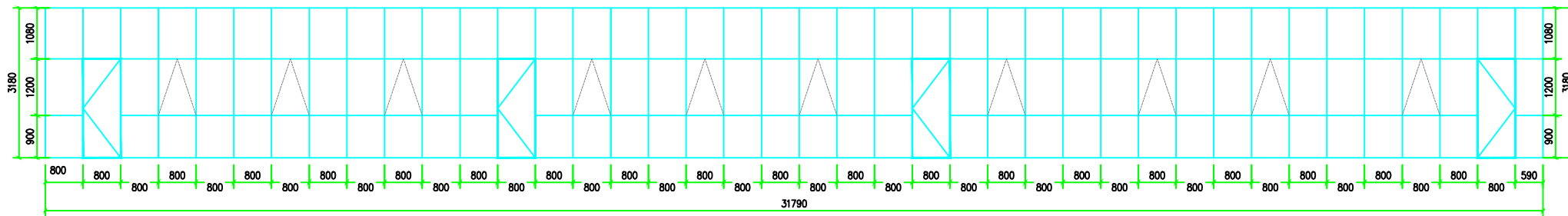
OWNER



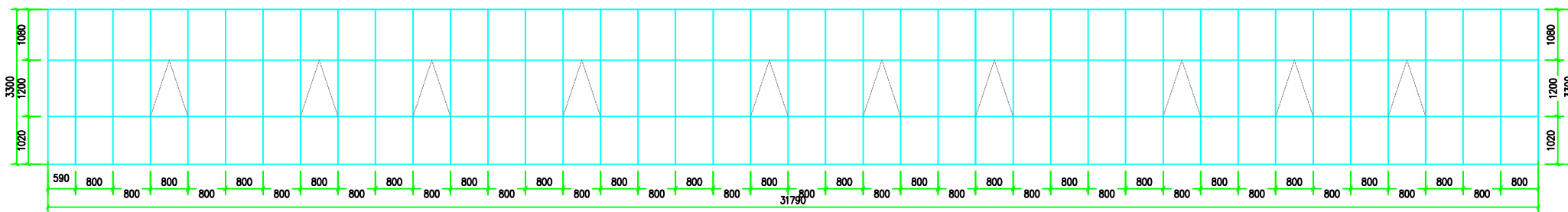
MQ31924(1)



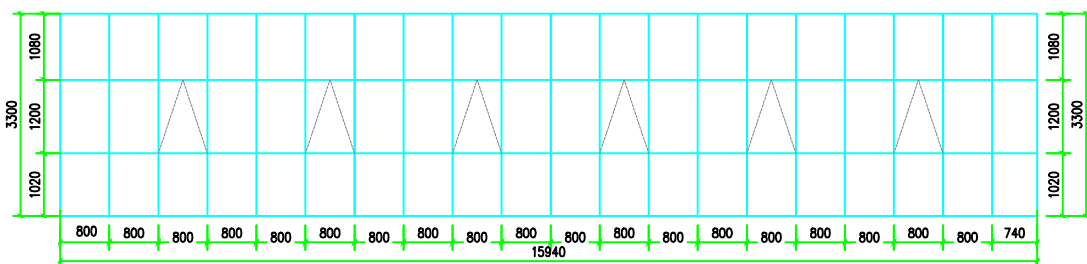
MQ31923(1)



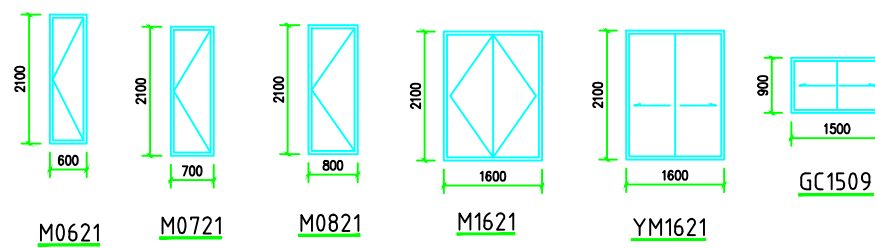
MQ31832



MQ31833



MQ15933



OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

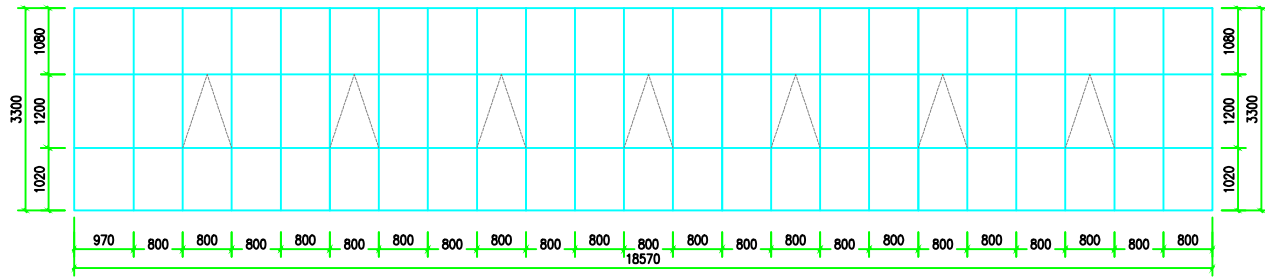
DATE

PE

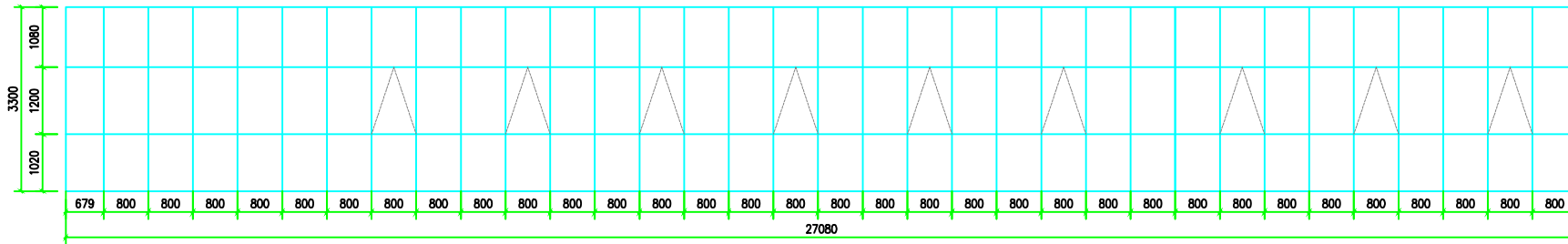
LC

SLA

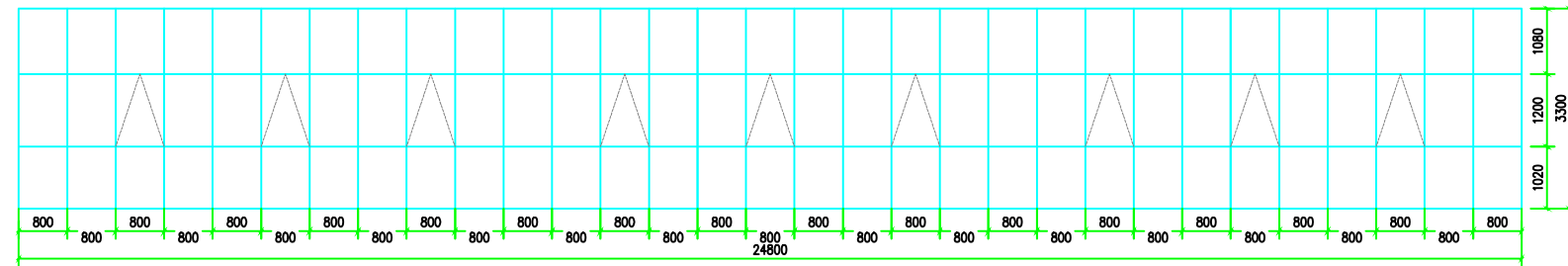
OWNER



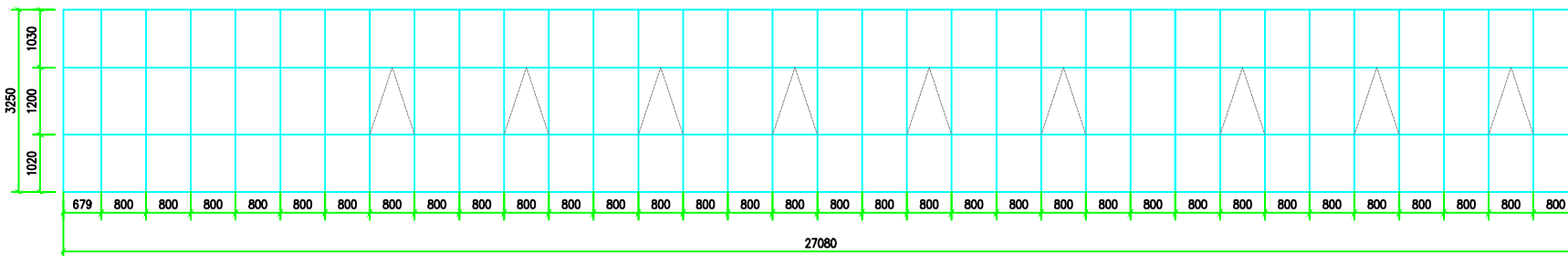
MQ18633



MQ51933



MQ51932



OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

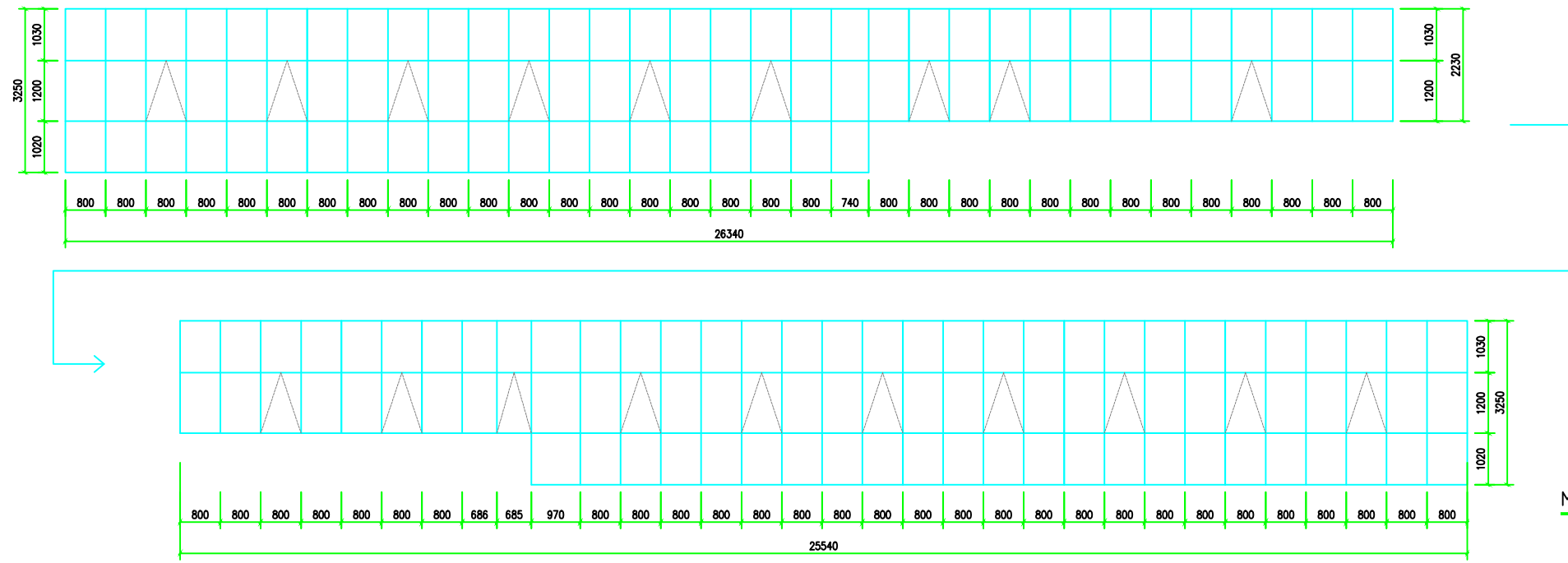
DATE

PE

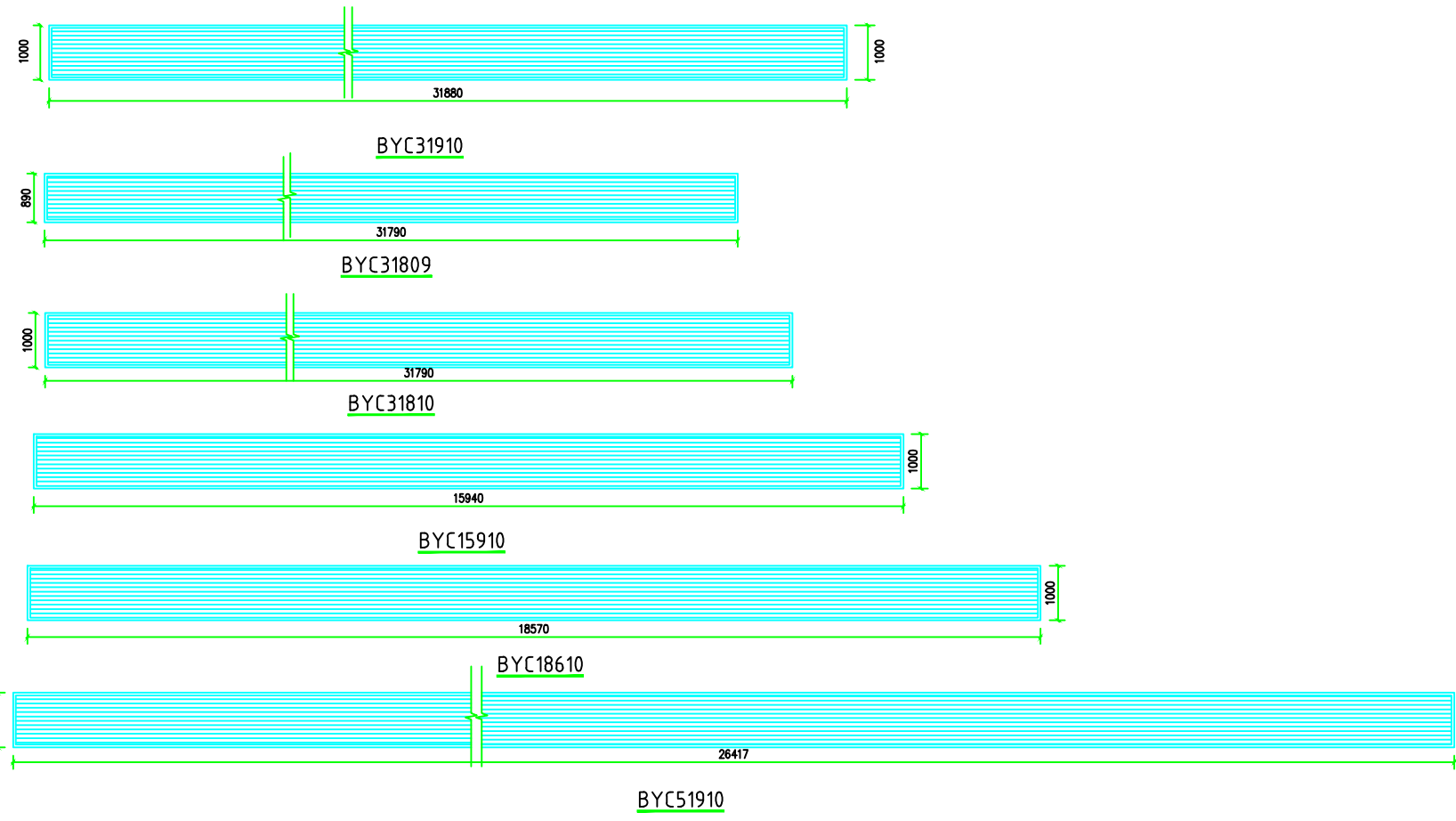
LC

SLA

OWNER



MQ51932(1)



Door and window table

	(mm)	Qty	Remarks	
M		4	Bathroom door	
		64	Interior door	
		31	Interior door	
		7	Interior door	
		1	Interior decorative sliding door	
	M0921	900X2100	43	Interior door
□ □ □	BYC31910	31880X1000	7	Aluminum alloy anti-floating blinds
	BYC31809	31790X890	1	Aluminum alloy anti-floating blinds
	BYC31910	31790X1000	1	Aluminum alloy anti-floating blinds
	BYC51910	51880X1000	1	Aluminum alloy anti-floating blinds
	BYC15910	15910X1000	1	Aluminum alloy anti-floating blinds
	BYC18610	18570X1000	1	Aluminum alloy anti-floating blinds
	GC1509	1500X900	2	90Series aluminum alloy sliding window
* 精	MQ31924(1)	31880X2420	1	Glass curtain wall
	MQ31923(1)	31880X2300	1	Glass curtain wall
	MQ31924	31880X2420	1	Glass curtain wall
	MQ31923	31880X2300	3	Glass curtain wall
	MQ31832	31790X3180	1	Glass curtain wall
	MQ31833	31790X3300	1	Glass curtain wall
	MQ15933	15940X3300	1	Glass curtain wall
	MQ18633	18570X3300	1	Glass curtain wall
	MQ51933	51880X3300	1	Glass curtain wall
	MQ51932	51880X3250	1	Glass curtain wall
	MQ51932(1)	51880X3250	1	Glass curtain wall

- Note: 1. The size of the doors and windows shown in the table are the size of the door and window openings.
 2. The color of the door and window and the color of the frame are all determined by Party A.
 3. Doors with water rooms such as toilets should be treated with anti-corrosion treatment
 4. Blinds large sample size is for reference only, need to review the size on site
 5. More than 2.1m×3.3m door and window holes need to be spliced and counted by the manufacturer.
 6. More than the glass needs to be made of safety glass

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO	
LOT NO	
TOWNSHIP	

SUBJECT

SCALE

SHEET NO.

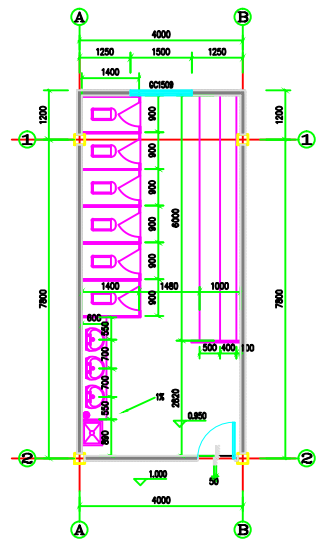
DATE

PE

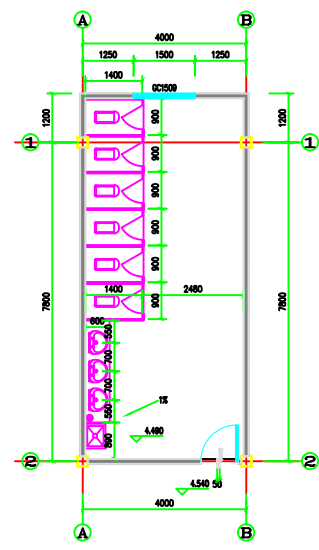
LC

SLA

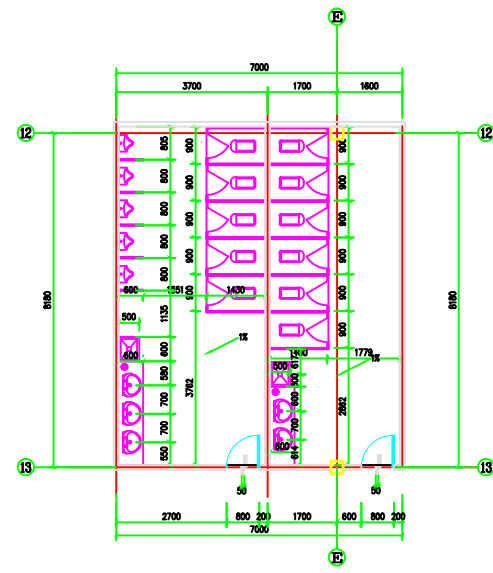
OWNER



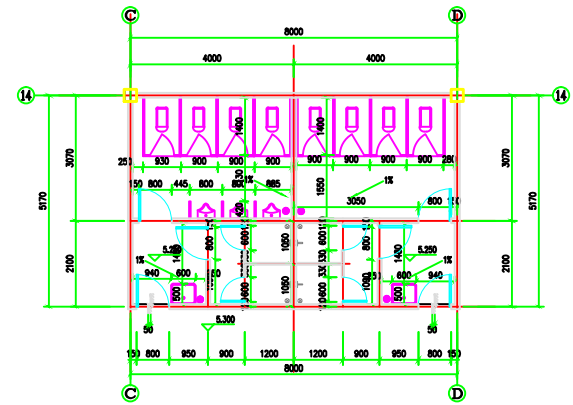
1#Toilet plan details:50



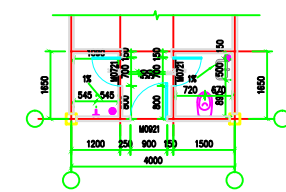
2#Toilet plan details:50



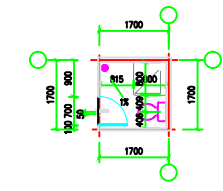
3#, 4#Toilet plan details:50



5#, 6#Toilet plan details:50



A detailed plan of the bathroom and bathroom.



Indoor bathroom, bathroom, two plane details:50

- Note: 1. See the national standard for the sewage pool 16J914-1 (1/XT24)
- 2, the squatting device detailed view see the national standard 16J914-1 (1/XT18)
- 3, the partition see the national standard 16J914-1 (1/XT18)
4. The sink top is a marble countertop, which is 800 meters above the ground.
See the national standard for details 16J914-1 (2/XT17)
- 5, the location of the floor drain see water, the practice see the national standard 16J914-1 (3/XT26)
- 6, urinal installation see the national standard 16J914-1 (1/XT15)

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

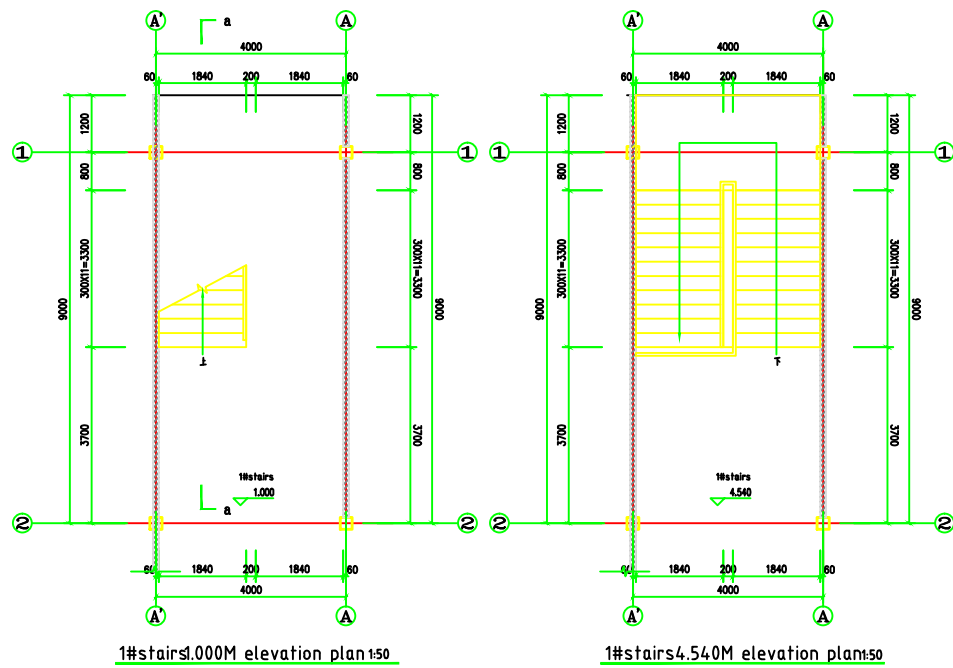
DATE

PE

LC

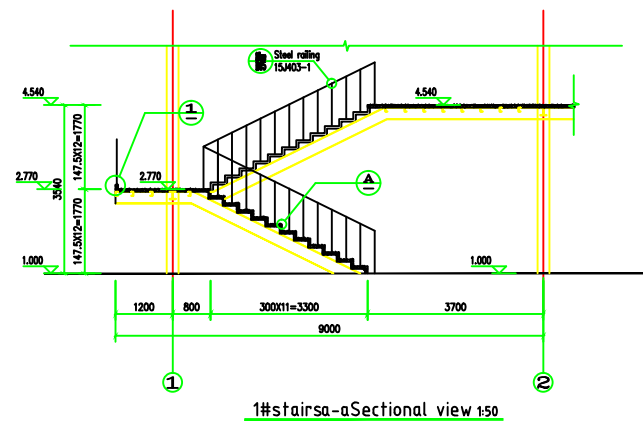
SLA

OWNER

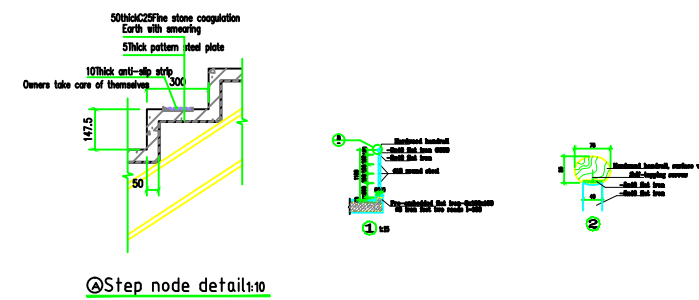


1#stairs.000M elevation plan 1:50

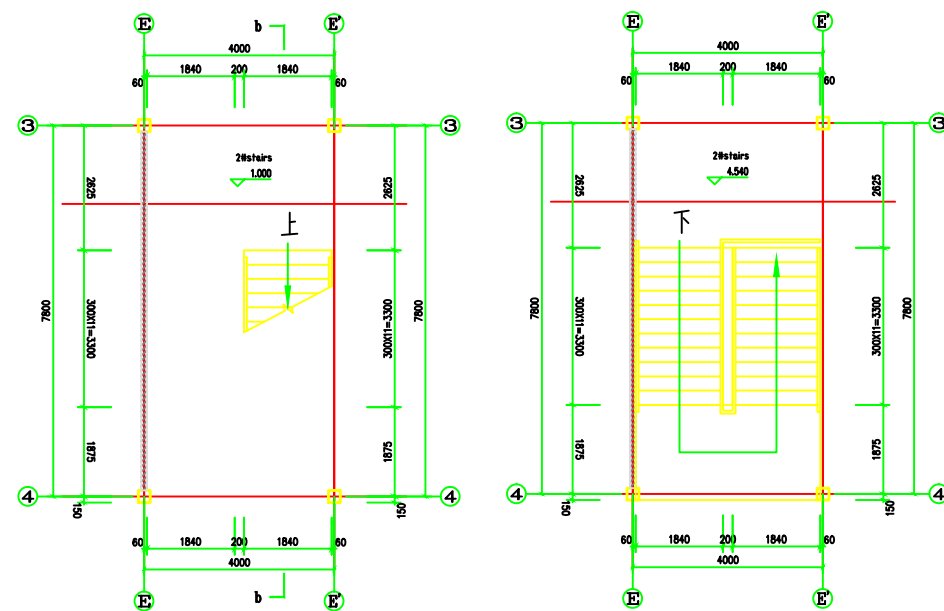
1#stairs4.540M elevation plan 1:50



1#stairs-aSectional view 1:50

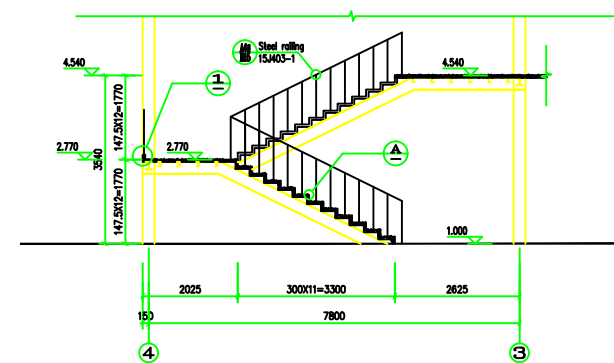


Step node details 1:10



2#stairs1.000M elevation plans 1:50

2#stairs4.540M elevation plan 1:50



2#stairs-bSectional view 1:50

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

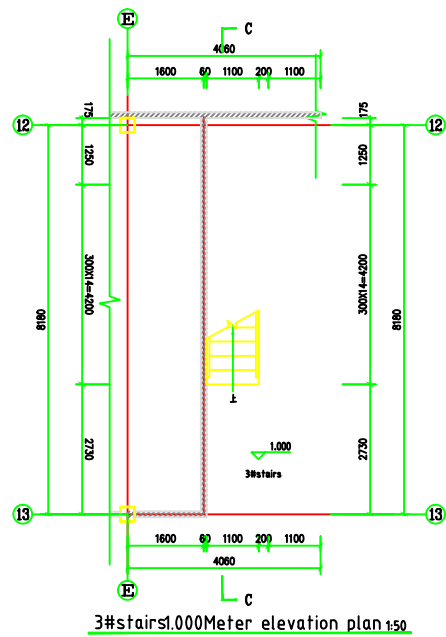
DATE

PE

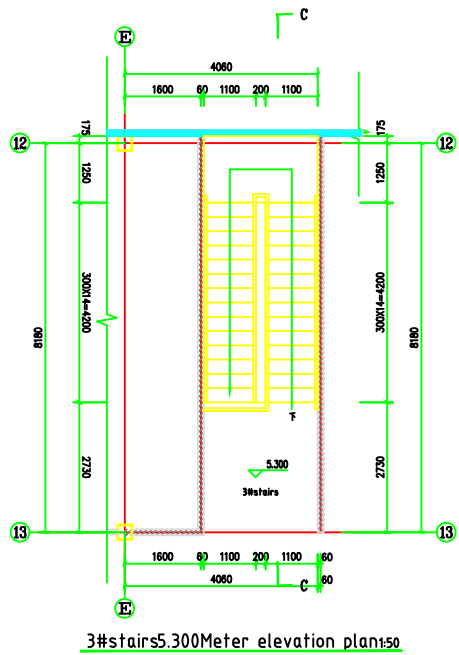
LC

SLA

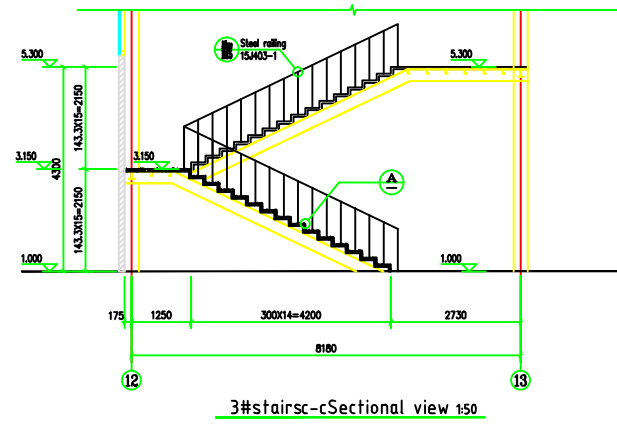
OWNER



3#stairs1.000Meter elevation plan:50

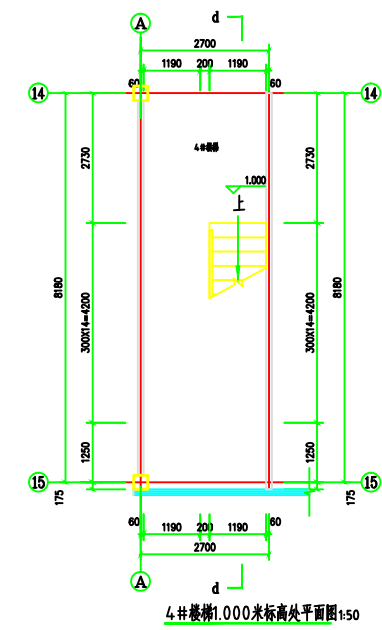


3#stairs5.300Meter elevation plan:50

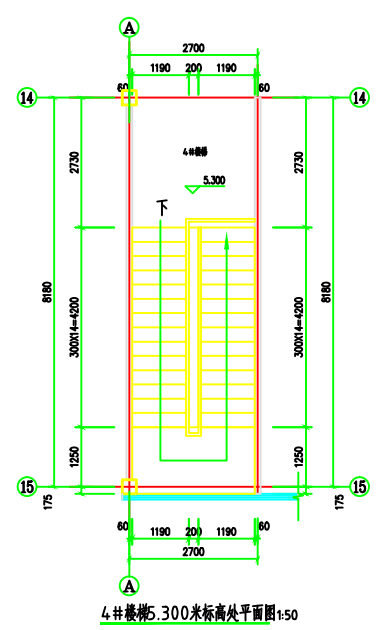


3#stairs-cSectional view 150

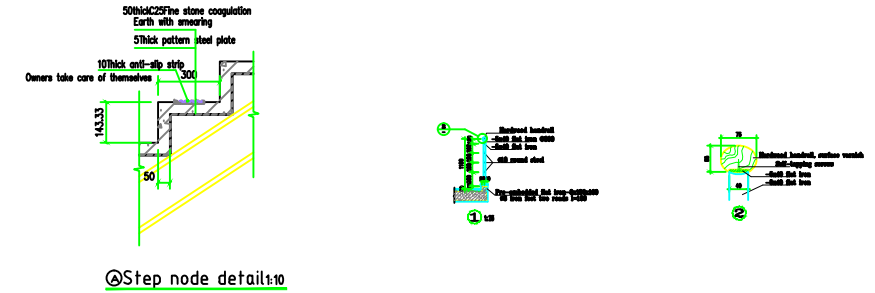
OWNER/APPLICANT	
COMPANY	
PROJECT	BLOCK NO
	LOT NO
	TOWNSHIP



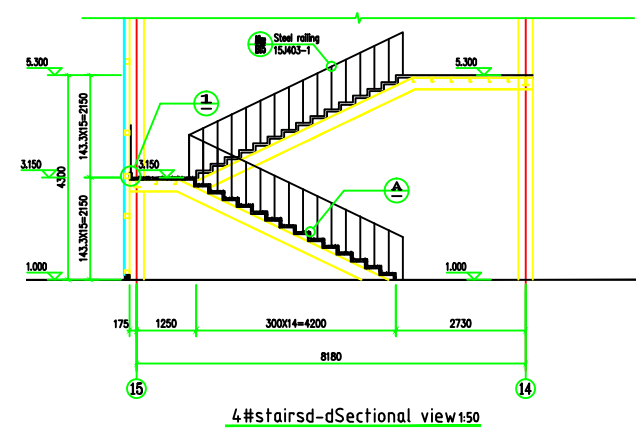
4#楼梯1.000米标高处平面图:50



4#楼梯5.300米标高处平面图:50

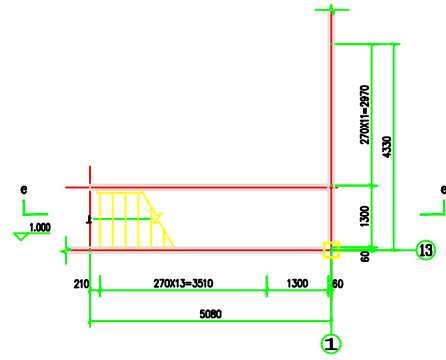


②Step node detail:10

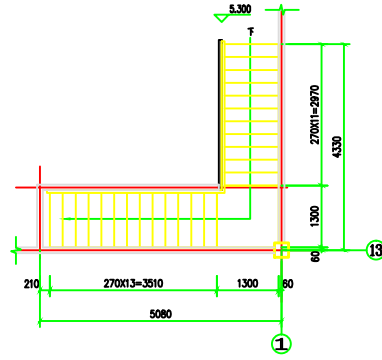


4#stairs-dSectional view 150

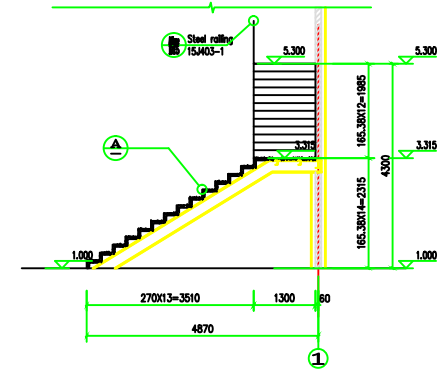
SUBJECT	
SCALE	SHEET NO.
DATE	
PE	
LC	
SLA	
OWNER	



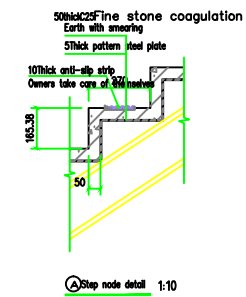
5#stairs1.00M elevation plan 1:50



5#stairs5.300M elevation plan 1:50



5#stairse-Sectional view 1:50



Step node detail 1:10

OWNER/APPLICANT

COMPANY

PROJECT

BLOCK NO

LOT NO

TOWNSHIP

SUBJECT

SCALE

SHEET NO.

DATE

NO.

PE

LC

SLA

OWNER