土木工学研究棟

Civil Engineering Research Building

・Top-level research environment
・Multi-objective, multi-application design of laboratories
・High efficiencies by shared use
・Enhancement of research outreaches

Environment to support new research organization

- Change a small research group to bigger one
- Like Domestic Industry to Great Industry
- Laboratory→Division→Future organization
- Shared use of apparatuses owned by each laboratory→Increase operation rate

- Improvement of working spac (air-conditioning system, OA floor, temperature-controlled laboratory, comfortable environment)
- Outreaches of civil engineering research
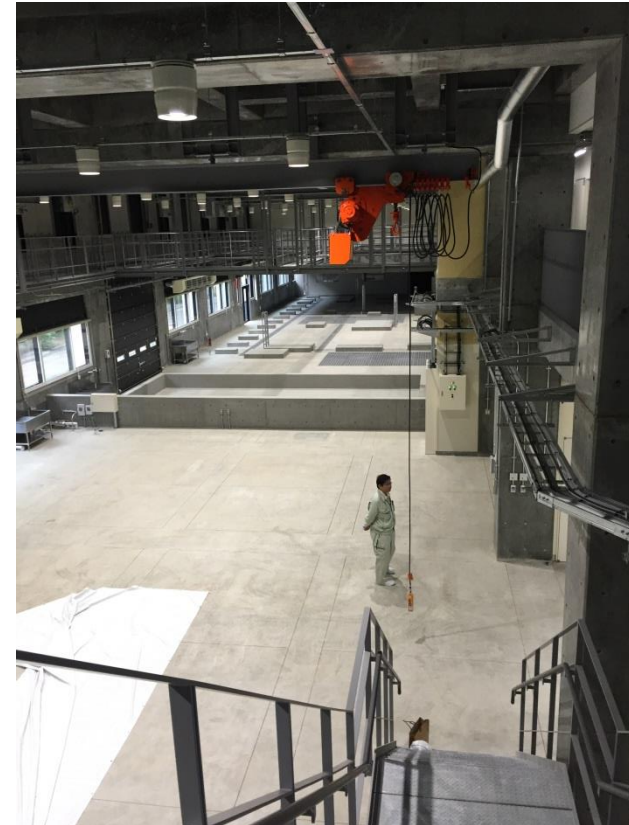
Laboratory environment

- Non-smoking
- All rooms have specific functions.
- Student room: space where students just study (No alcohol drinking, no party and event, no loud talking and meeting, no activity to bother other students.)
- Prohibit to bring anything irrelevant to research in the student room, such as refrigerator, microwave, sofa.
- Refresh Lounge: for break, talk, meeting, eating, drinking, party
- Isami Hiroi Memorial Laboratory: multi-objective room (temporal working space for visitors, undergraduate students and past students, activities of job search, seminar, meeting, event, party)
- Seminar room（seminar, meeting event)

Rule to use Student Room (304,305,306,404,405)

- No smoking, No alcohol drinking
- Take a special care to maintain calm environment (not talk loudly) as this is a shared place with multiple laboratories.
- Prohibit any party or event.
- Wifi access only for PC (Ask your supervisor if your PC does not have wireless communication function）
- Permit to use online connection only for devices requiring static IP, such as a network printer.
- Encourage to use wireless network printer (Ask your supervisor)
- Prohibit to use any extension cables (electricity, LAN)
- Prohibit to move desks and shelfs without permission
- Carefully turn off light and air-conditioning (electricity charge affect research budgets!）

Request for use of Student Room

- Build a room association across laboratories
- Make rules for cleaning, trash management
- Students for the same supervisor should use neighboring desks
- Do not keep a desk on a first-come first-served basis
- Do not cover windows facing a hallway and cloudy window on the wall between the rooms (304-305, 404-405). They are lighting windows.
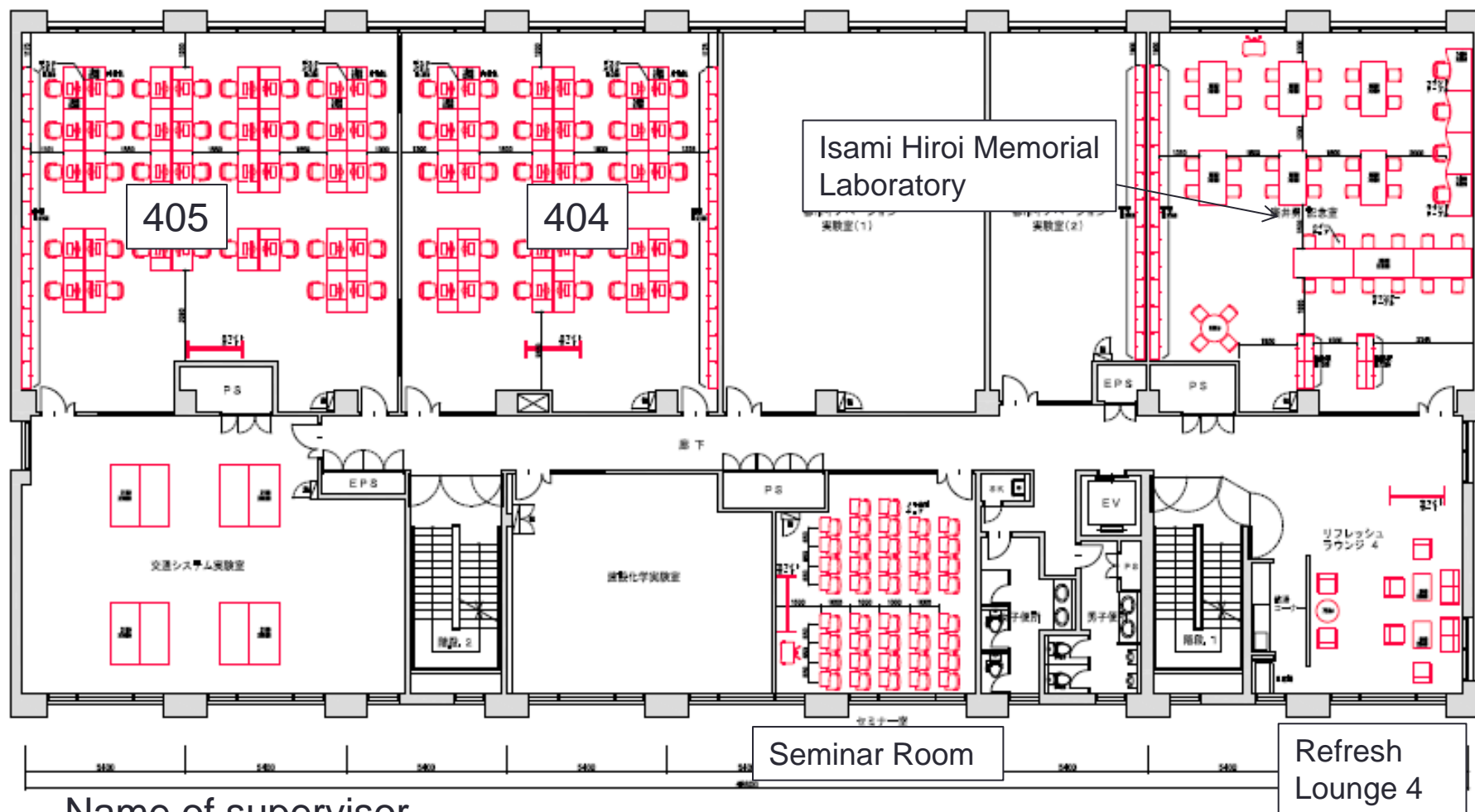
Name of supervisor

304 Shimizu(2), Ishikawa(8), Watanabe(4), Uchida(12), Nishimura(7), Tanaka(7)
305 Ueda(8), Yokota(13), Furuuchi(7), Sato Y(6)
306 Izumi(3), Watabe(5), Kimura(3), Isobe(6), Yokohama(3), Lima(2), Yamada(3), Fukuda(1)

405

404

Isami Hiroi Memorial Laboratory
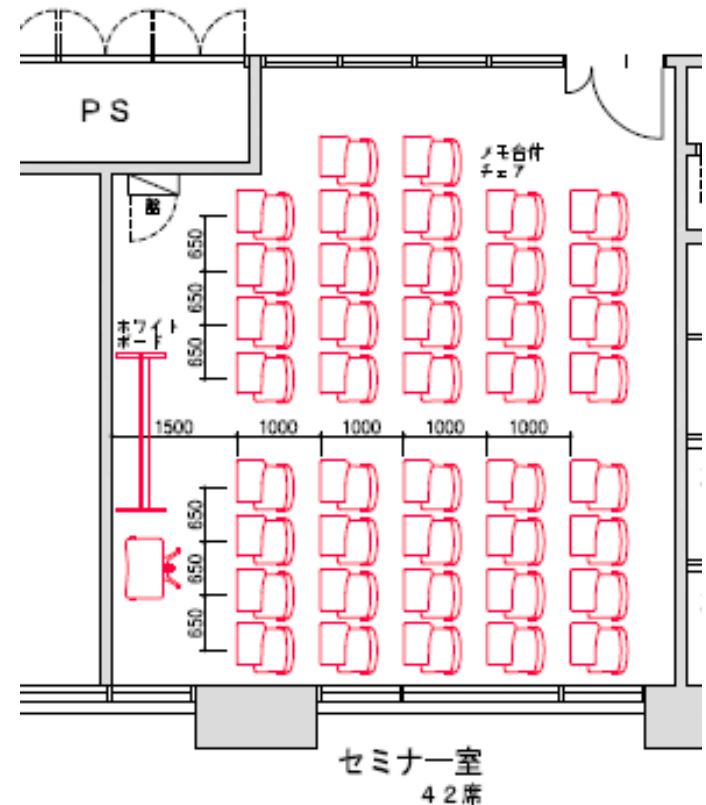
Seminar Room

Refresh Lounge 4

Name of supervisor

404 Kanie(8), Hagiwara(11), Takano(6), Zheng(5)
405 Sugiyama(5), Kishi(11), Sato T(5), Shimura(1), Saruwatari(2), Matsumoto(3), Henry(9), Regina(3)

Seminar Room

・Audio and visual system equipped

・Book the room on a room booking system

・HINES WLAN

Isami Hiroi Memorial Laboratory

・Work tables (6)，desks(4)，counter-table (1)，table(1)

・Desks for visiting researches (need reservation)

・work tables, counter-table, table are designed for temporal use by visitors and undergraduate students

・Articles associated with job search are stored in magazine racks

・temporal use by past students for student' job search and meeting
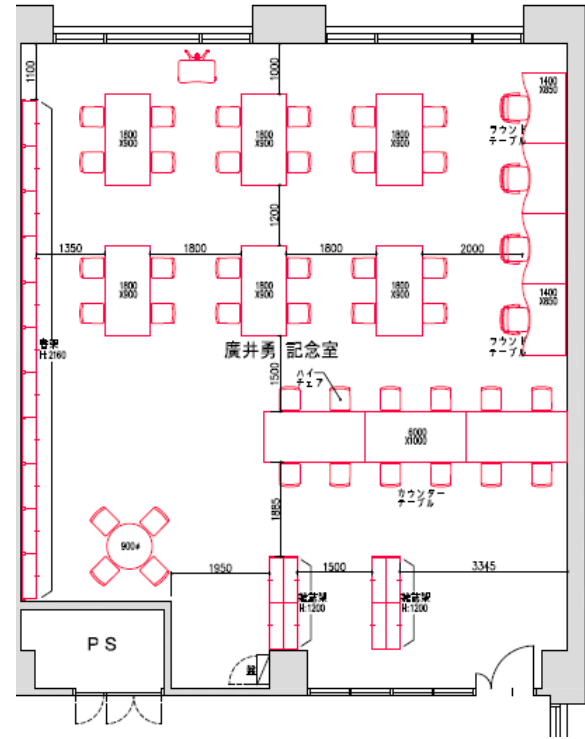
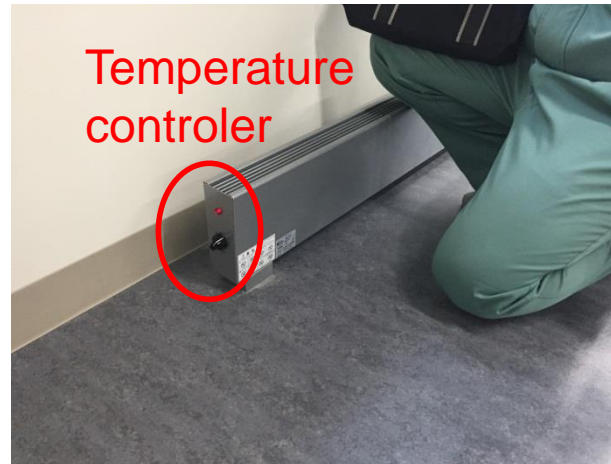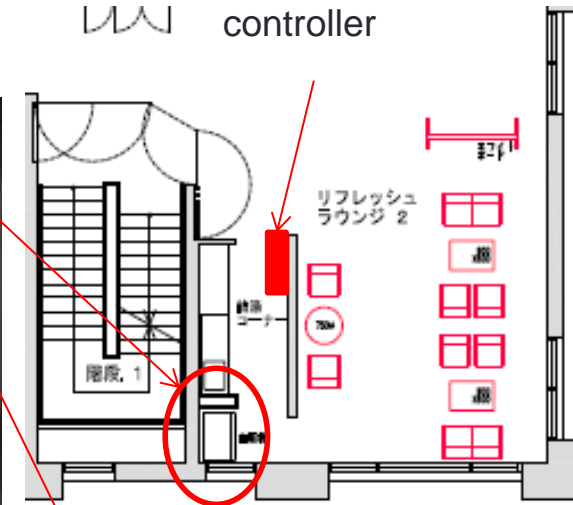# Refresh Lounge

・drinking, eating, break, meeting

・ Place refrigerator, microwave

・Use air-conditioning for heating in winter

・Allow to use electric heaters if more warming is needed

Coin machine space

Air-conditioning controller

Heater

Temperature controler

エアコン パネル

Network

Student rooms (304,305,306,404,405）

・Hines WLAN (wifi) access only for PC (Login with student ID and Password)
→Manage ID and Pass by yourself

・Set up DHCP connection →Ask your supervisor to register your DHCP connection.

・If your PC uses static IP connection, change to DHCP.

・If your PC has no wireless network device, you cannot use internet (Ask your supervisor)

• Permit to use online connection (with Lan cable) only for devices requiring static IP, such as a network printer.

・Place devices with LAN cables near the LAN port (not to use extension cables)

・Ask a manager of network port of your room to register static IP

In Isami Hiroi Memorial Laboratory, eduroam is available (visitor can access internet)

Manager of network port

1st floor E P S			
Ｈ Ｕ Ｂ Number		X 1 4 D 1	
Port	Cable ID	room	manager
01	H1-1	NA	
02	H1-2	1F Structural testing Lab	Sato Y
03	H1-3	1F Lab of cold region env	Zhang
04	H1-4	1F Geotechnical model testing Lab	Yokohama
05	H1-5	1F Lab of geophysical fluid dynamics	Saruwatari
06	H1-6	1F Lab of geophysical fluid dynamics	Saruwatari
07	H1-7	1F Lab of geophysical fluid dynamics	Saruwatari
08	H2-1	2F Sever room	Watanabe
09	H2-2	2F Sever room	Saruwatari
10	H2-3	2F Sever room	Yamada
11	H2-4	2F Construction material lab	Sugiyama
12	H2-5	2F Bridge design Lab	Matsumoto
13	H2-6	2F Soil testing Lab (3)	Yokohama
14	H2-7	2F Low-temperature Lab	Yokohama
15	H2-8	2F Lab of tsunami floods	Watanabe
16	H2-9	2F Lab of global water cycle	Yamada
17	H2-10	2F Lab of planetary environment	Izumi

3rd floor E P S			
Ｈ Ｕ Ｂ Number		X 1 4 D 3	
Port	Cable ID	room	manager
01	H3-1	3F power room	
02	H3-2	3F Technical staff room	Sato Y
03	H3-3	3F 306 LAN	Kimura
04	H3-4	3F 306 WLAN	Watanabe
05	H3-5	3F 305 LAN	Furuuchi
06	H3-6	3F 305 WLAN	Watanabe
07	H3-7	3F 304 LAN	Tanaka
08	H3-8	3F 304 WLAN	Watanabe
09	H3-9	3F Soil testing Lab (1)	Yokohama
10	H3-10	3F Soil testing Lab (2)	Nishimura
11	H3-11	3F temperature-controlled room	Nishimura

4th floor E P S			
Ｈ Ｕ Ｂ Number		X 1 4 D 4	
Port	Cable ID	room	manager
01	H4-1	4F Lab for transportation & traffic systems	Kishi
02	H4-2	4F Seminar room	Watanabe
03	H4-3	4F 405 LAN	Kishi
04	H4-4	4F 405 WLAN	Watanabe
05	H4-5	4F 404 LAN	Zhang
06	H4-6	4F 404 WLAN	Watanabe
07	H4-7	4F Lab for urban innovation (1)	Kishi
08	H4-8	4F Lab for urban innovation (2)	Kishi
09	H4-9	4F Isami Hiroi Memorial Lab	Watanabe
10	H4-10	4F Construction chemistry Lab	Sugiyama

Keys

・Card key lock at entrance
　　　　Unlocked from 8：00 to 20:00

・Numeric keypad lock (from September)
　　　　Confirm the door is locked when you leave

・Ask your supervisor for key plan of laboratories

・Do not buy copy of a key by yourself. Ask your supervisor if you need the copy.

※There have been thieves in the University! Manage the key carefully.

Phone number

Room #	Room	Ext
101	Lab of geophysical fluid dynamics	6200
102	Structural testing Lab	6181
103	Geotechnical model testing Lab	6195
201	Lab of planetary environment	6190
202	Lab of global water cycle	7165
203	Lab of tsunami floods	6186
204	Soil testing Lab (3)	6779
206	Bridge design Lab	6173
207	Construction material lab	7553
302	土質実験室(2)	6196
303	土質実験室(1)	7574

Room #	Room	Ext
304	304 Student Room	6213
305	305 Student Room	6182
306	306 Student Room	6229
307	Technical staff room	6207
402	Lab for urban innovation (2)	6212
404	404 Student Room	6177
405	405 Student Room	6208
407	Construction chemistry Lab	7897
408	Lab for transportation & traffic systems	6217

Air-conditioning

・Easy operation (but indication in Japanese.. Ask Japanese students for operation)

・Automatically turn off the air-conditioning for student rooms (304,305,306,404,405), Isami Hiroi Room, Seminar Room at 0:00 midnight. You can turn after 0:00 on if you want. Turn off again when you leave.

・All rooms except 1F use the air-conditioning for heating

・24h-ventilation is obligated by law. But it's too noisy…temporal activation may be acceptable…

Controller

24h-ventilation
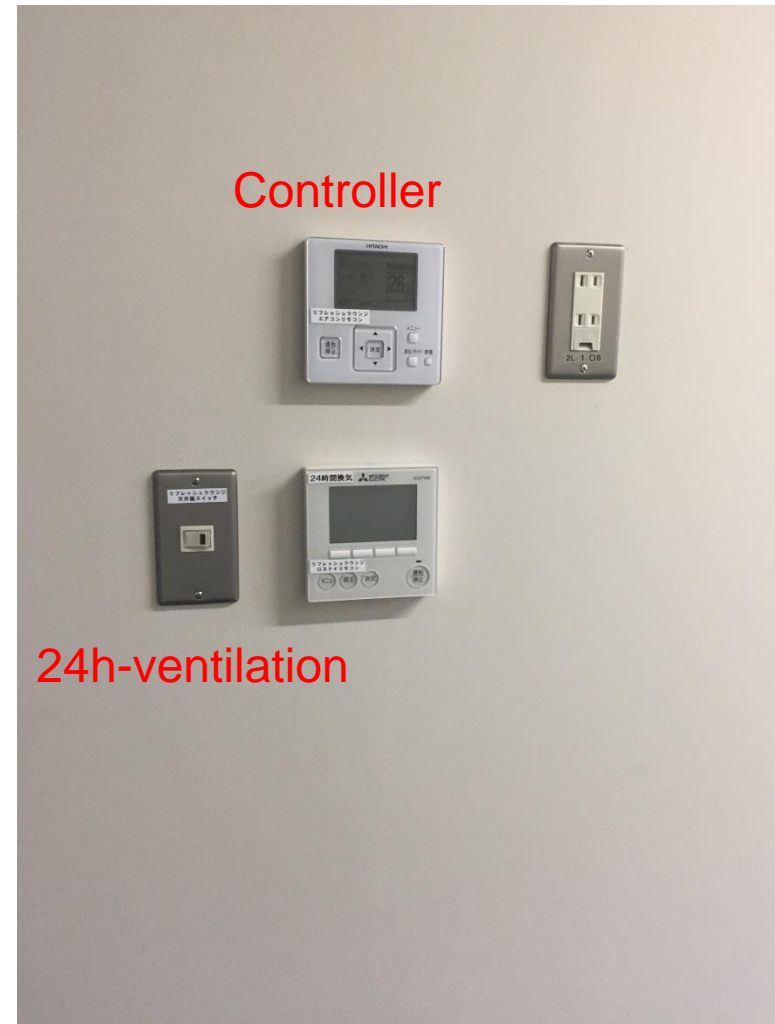
Circuit breaker

・Circuit breaker box at the places of `EPS' on a plan drawing

・When blowing a breaker, turn on the breaker for the corresponding outlet number and ask your supervisor.

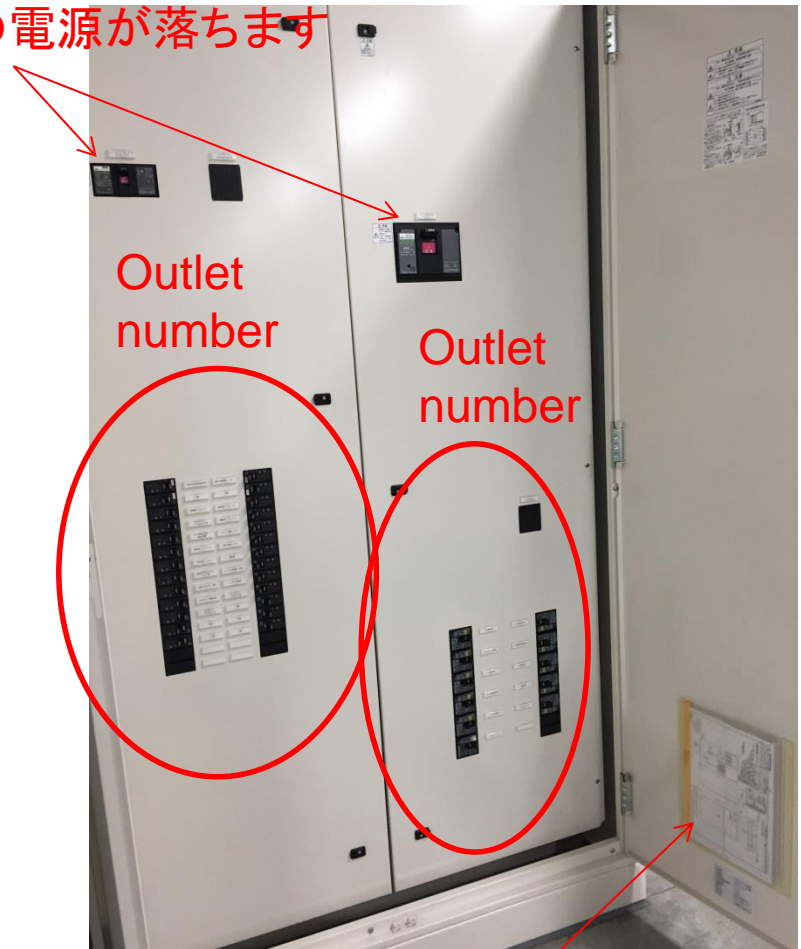・If EPS is locked, ask your supervisor.

大元のブレーカには触らない
→全ての電源が落ちます

Outlet number

Outlet number

Diagram of electricity distribution

Restroom

1F   Multi-purpose restroom

emergency string→alert to security guards
          →Do not pull except emergency

Lady's restroom

press an emergency button when emergency→Flushing lights on a hallway with siren

For cancel, take out the cover of the button and pull the button

Emergency shower

it's only for emergency (e.g. poured chemical matters)
Do not use it except emergency ! No hot water comes out.

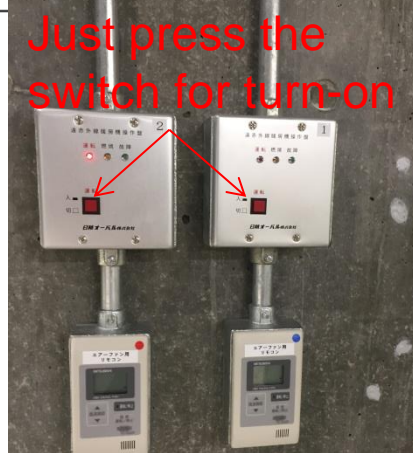emergency string

emergency button

Emergency light

Pull the button for cancel

Emergency shower

1F Radiation heaters

1 2 3 4 5

Temperature control

Switch for 1,2

Temperature control

Switch for 3,4,5

EPS

6 Switch for 6

Just press the switch for turn-on

Turn the dial for temperature control

24h-ventilation Noisy
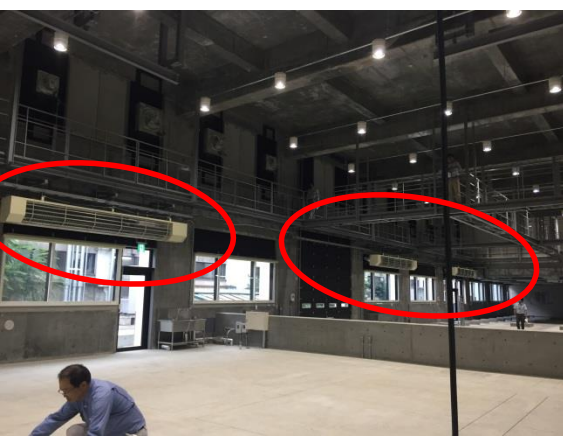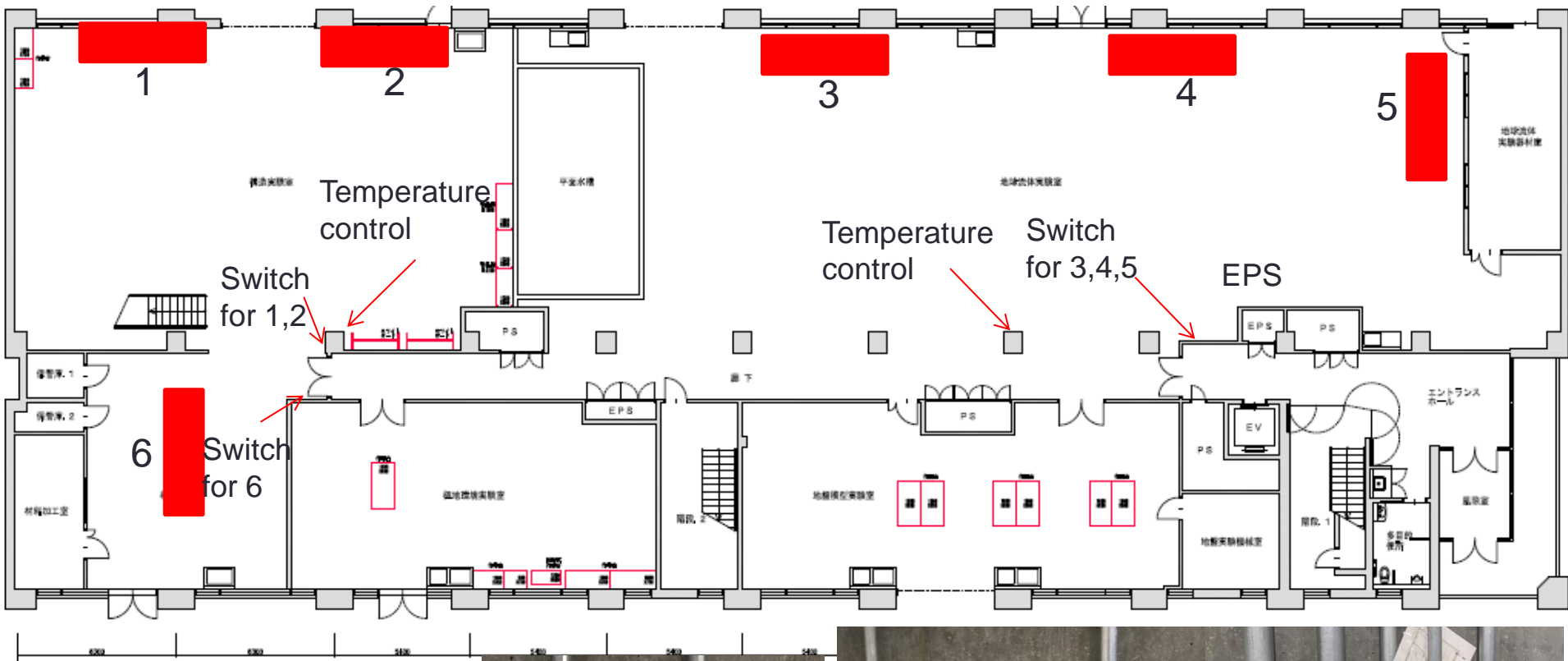
Important reminder for 1F laboratories

・Lock all doors and shatters any time except when using them

・Security guard is not responsible for the doors and shatters on 1F. Manage lock-up by yourself.
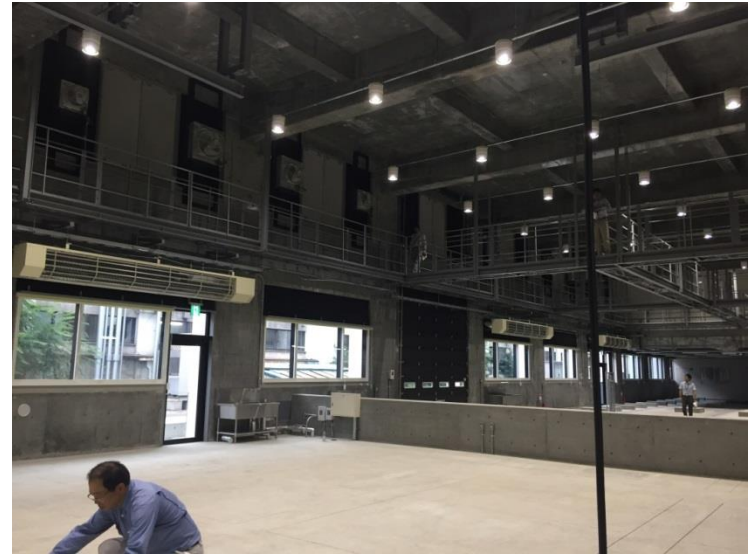
2F   Catwalk

・It's for maintenance the building (the designed load for the structure is just weight of 5 people.) Do not use it except when you need to use.

・We will lock up for safty.

Moving

・Capacity of book shelves is limited, depending on rooms. In case moving books exceed the capacity, find better solution in the room.

・Following rules for Student Room, do not bring unacceptable goods (TV, video game…) in the room.

・Do not bring the waste and garbage out of `I building'.

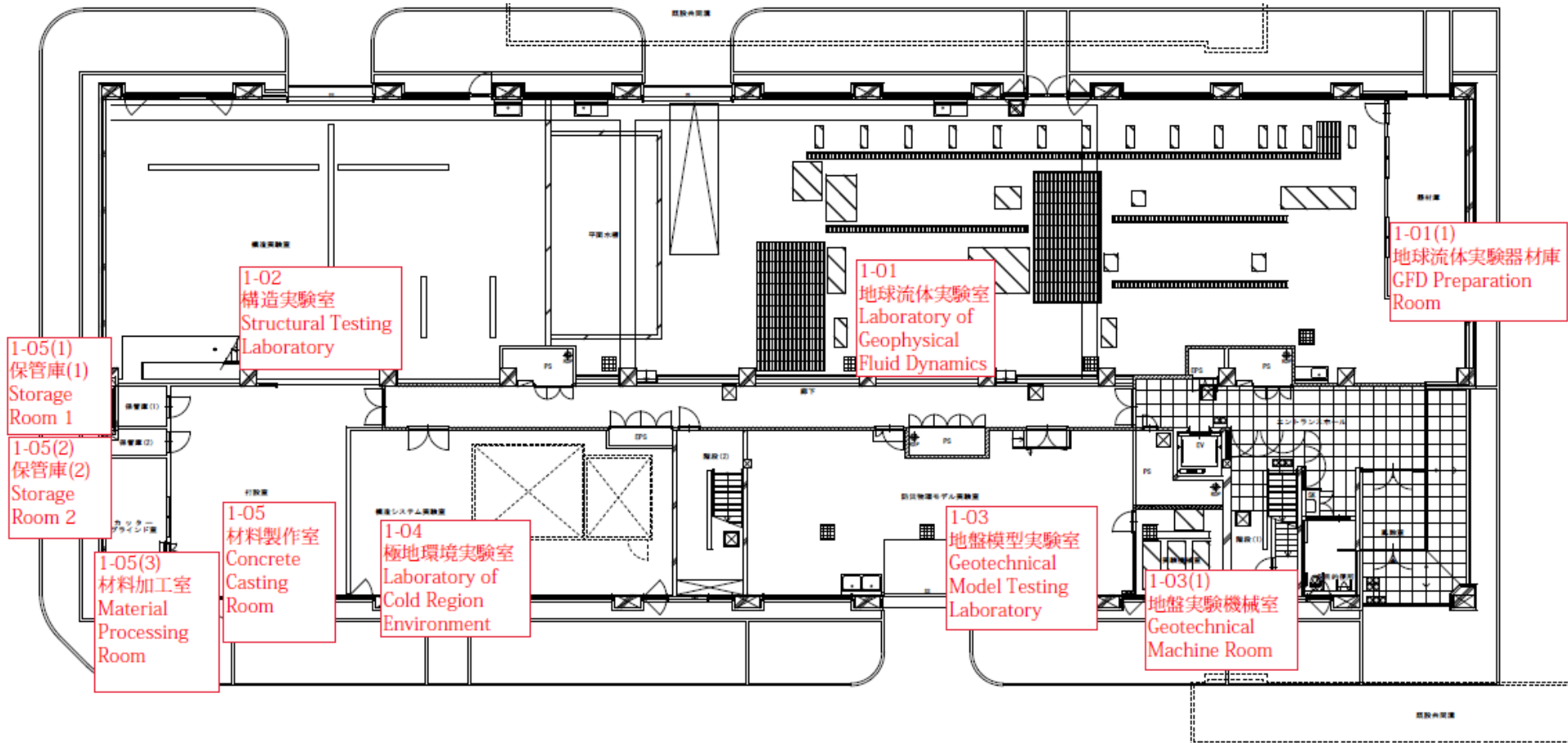・ Move useful refrigerator and microwave to Refresh Lounge

Schedule

・7/24　　new desks, chairs, shelves are delivered.

After that, moving work begins. You can bring your goods
to your room by yourself.

1F

1-05(1)
保管庫(1)
Storage
Room 1

1-05(2)
保管庫(2)
Storage
Room 2

1-05(3)
材料加工室
Material
Processing
Room

1-05
材料製作室
Concrete
Casting
Room

1-04
極地環境実験室
Laboratory of
Cold Region
Environment

1-02
構造実験室
Structural Testing
Laboratory

1-01
地球流体実験室
Laboratory of
Geophysical
Fluid Dynamics

1-03
地盤模型実験室
Geotechnical
Model Testing
Laboratory

1-03(1)
地盤実験機械室
Geotechnical
Machine Room

1-01(1)
地球流体実験器材庫
GFD Preparation
Room

2F

2-02
地球水循環実験室
Laboratory of
Global Water
Cycle

2-03
津波洪水実験室
Laboratory of
Tsunami Floods

2-01
惑星環境実験室
Laboratory of
Planetary
Environment

2-04(1)
低温実験準備室
Low-temperature
Laboratory
Anteroom

2-08
実験用サーバ室
Server Room

2-07
建設材料実験室
Construction
Material
laboratory

2-05
地盤資料室
Geotechnical
Archive

2-04
土質実験室(3)
Soil Testing
Laboratory 3

2-06
橋梁デザイン実験室
Bridge Design
Laboratory

2-04(2)
低温実験室
Low-temperature
Laboratory

2-07(1)
材料試験室
Material
Testing
Room

リフレッシュラウンジ

3F

3-02
土質実験室 (2)
Soil Testing
Laboratory 2

3-02(1)
土質試料準備室
Soil Sample
Preparation Room

3-03
土質実験室 (1)
Soil Testing
Laboratory 1

3-05
Student Room

3-04
Student Room

3-01
恒温室
Temperature-controlled room

3-08
電気室
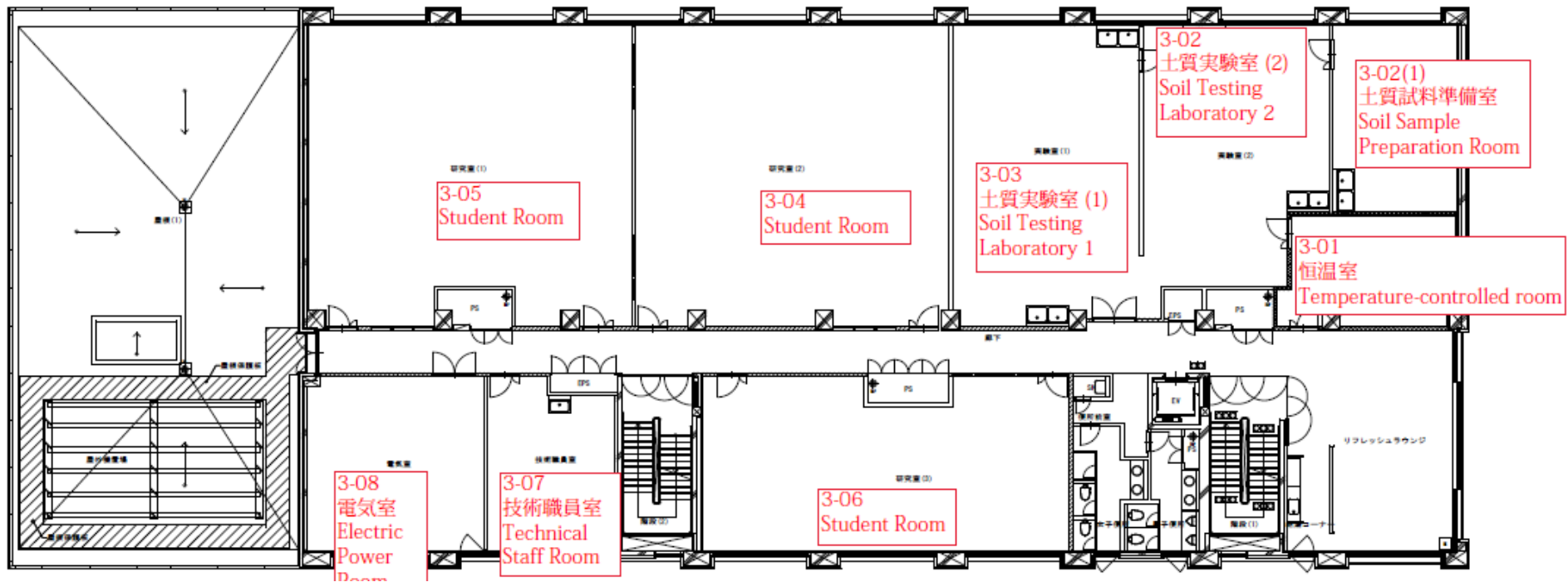Electric
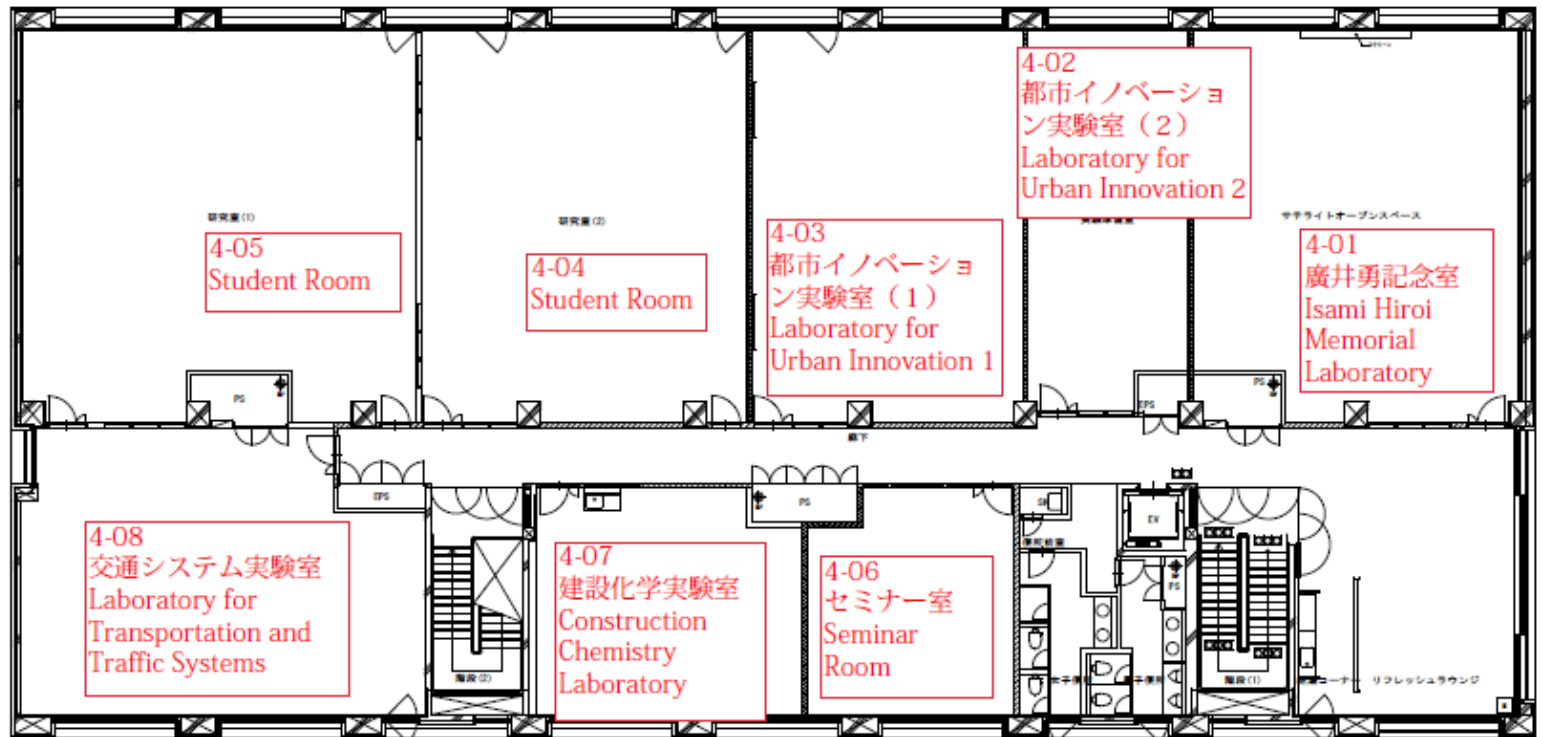Power
Room

3-07
技術職員室
Technical
Staff Room

3-06
Student Room

4F

Many people spent long time to design better research environment for you.
Past students donated to buy new goods for your research.
Finally the new building has been established.

Please use cherish…