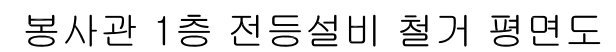


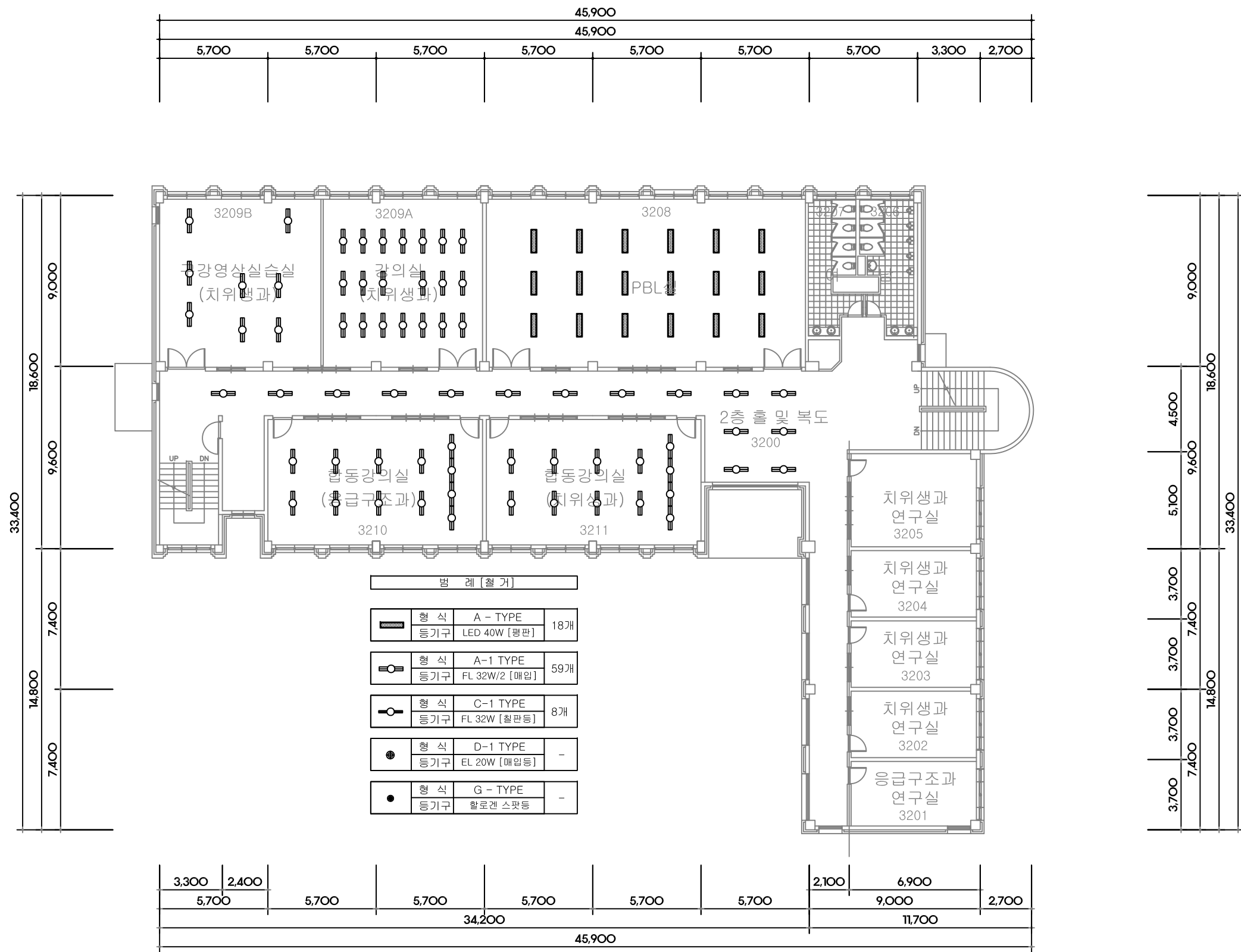
성실관 1층, 봉사관 1~3층 냉난방기 교체 관련 전기공사

2020.06.

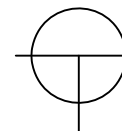


SCALE : NONE

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	



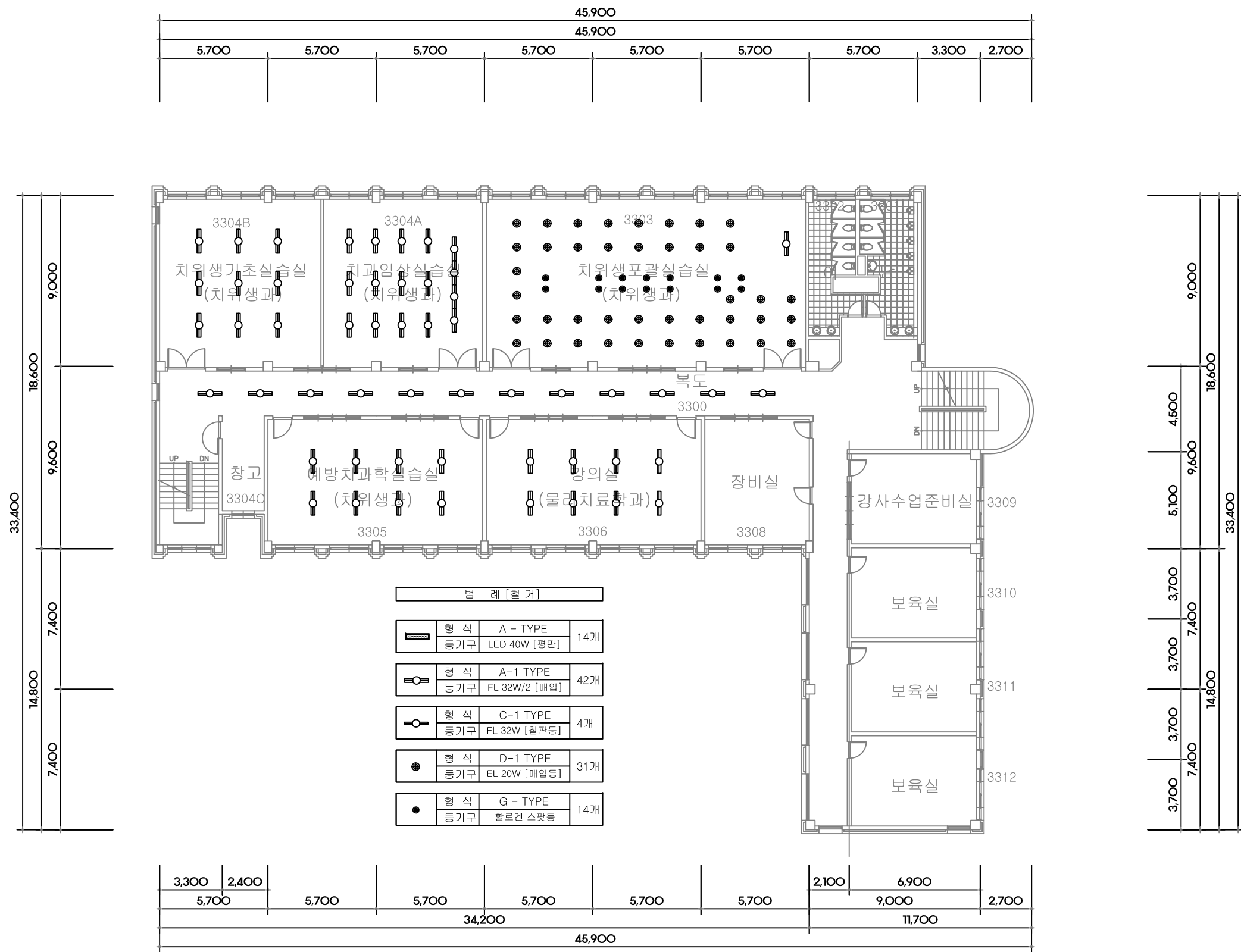
※ 공사 부위 내 천장에 부착된 프로젝터, 마이크, 스크린 등 모든 기자재 및 CCTV, 무선통신장치(AP) 등은 철거 후 재설치(사전협의)



봉서관 2층 전등설비 철거 평면도

SCALE : NONE

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	



※ 공사 부위 내 천장에 부착된 프로젝터, 마이크, 스크린 등 모든 기자재 및 CCTV, 무선통신장치(AP) 등은 철거 후 재설치(사전협의)

봉서관 3층 전등설비 철거 평면도
SCALE : NONE

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	

전주비전대학교

INTERIOR ARCHITECTURE

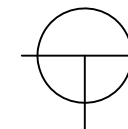
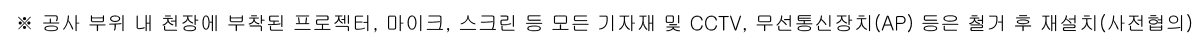
NOTE

[illegible]

PROJECT NO.

CHECKED BY

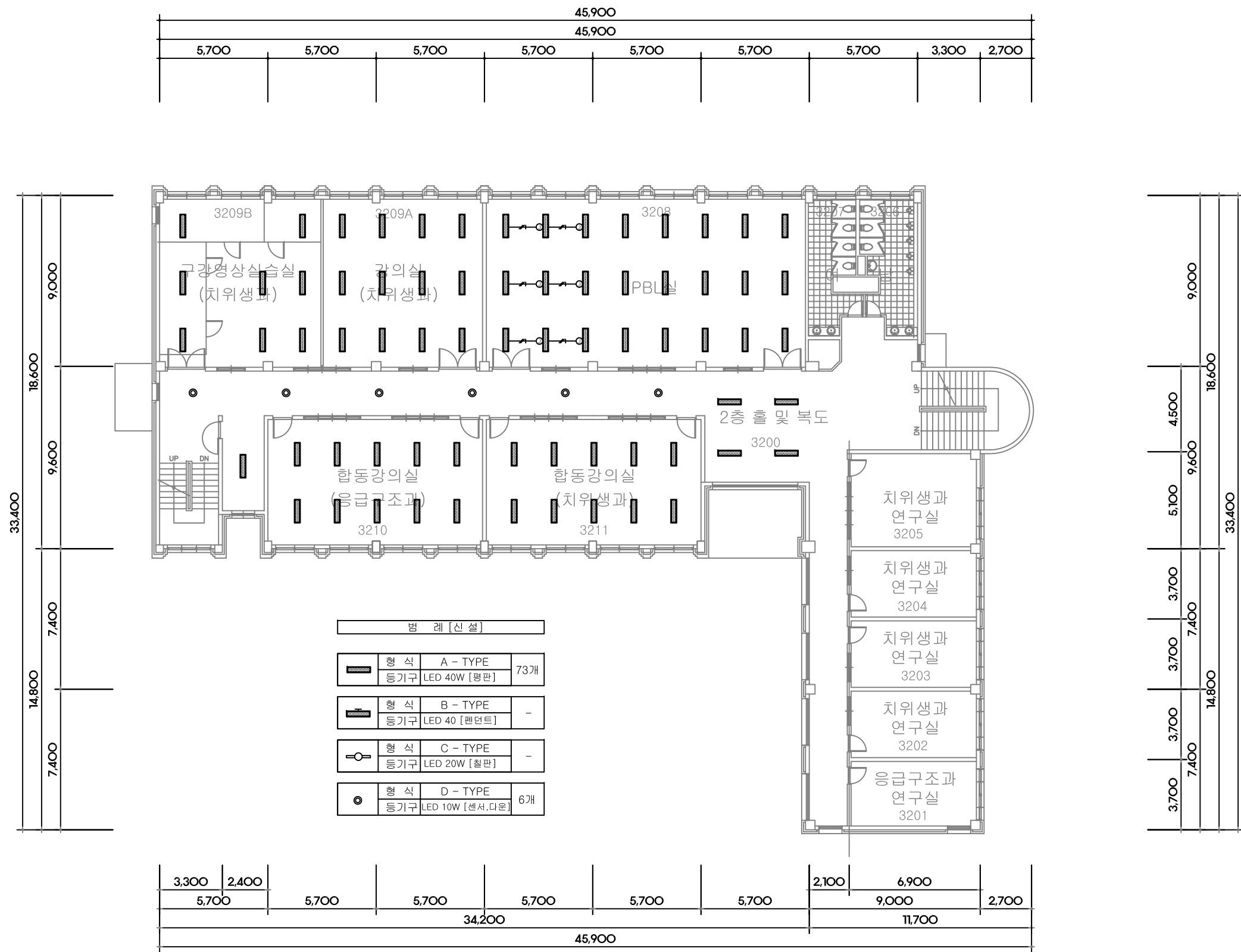
DATE _____



성실관 1층 전등설비 철거 평면도

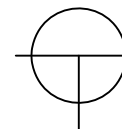
SCALE : NONE

DRAWING NO	SHEET NO
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※ b 전등설비 라인은 비상전원 라인임

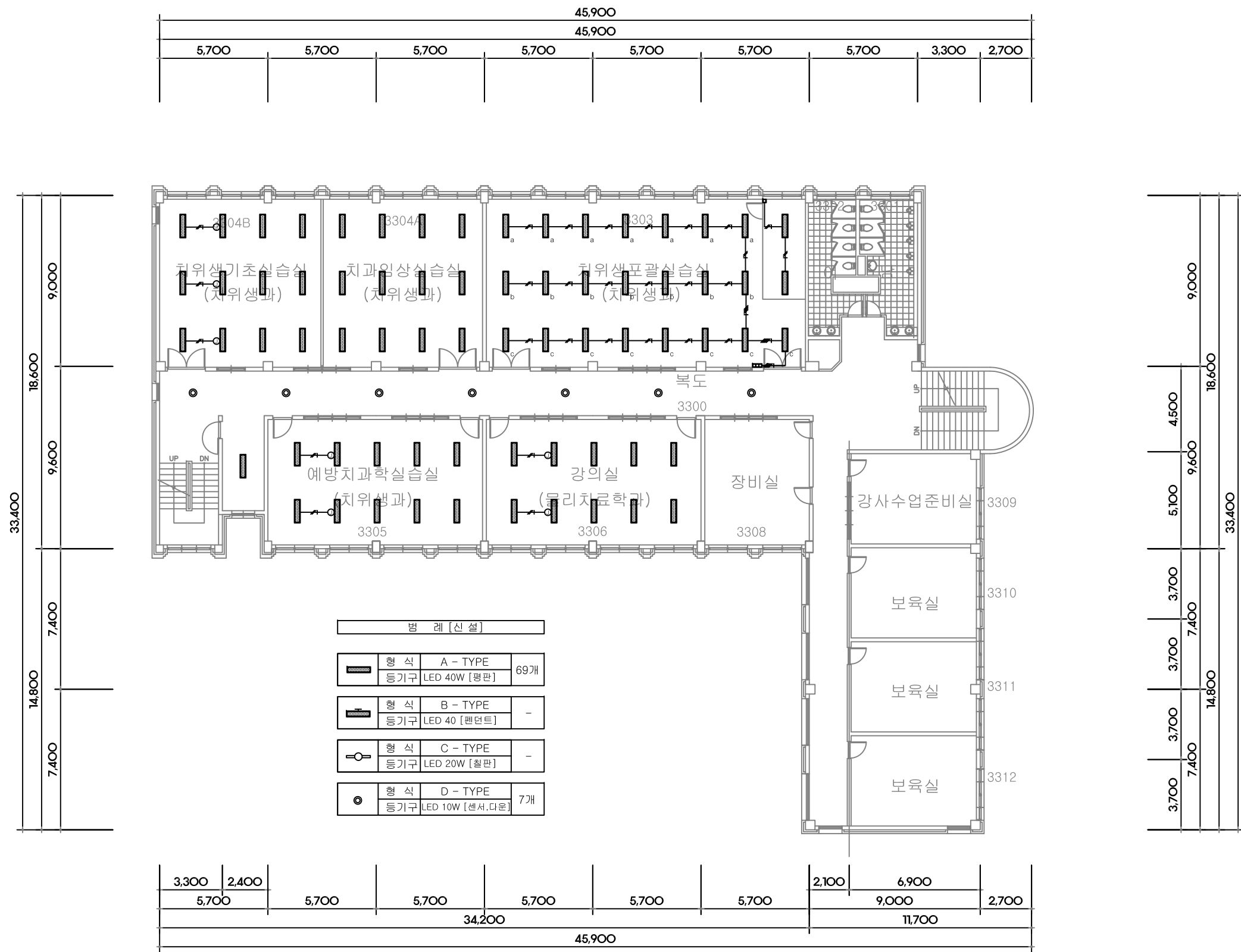
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봉서관 2층 전등설비 평면도(변경후)

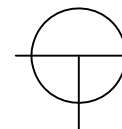
SCALE : NONE

PROJECT 전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.		DRAWN BY
CHECKED BY		APPROVED BY
DATE		SCALE
CAD FILE		
DRAWING NO		SHEET NO



※ b 전등설비 라인은 비상전원 라인임

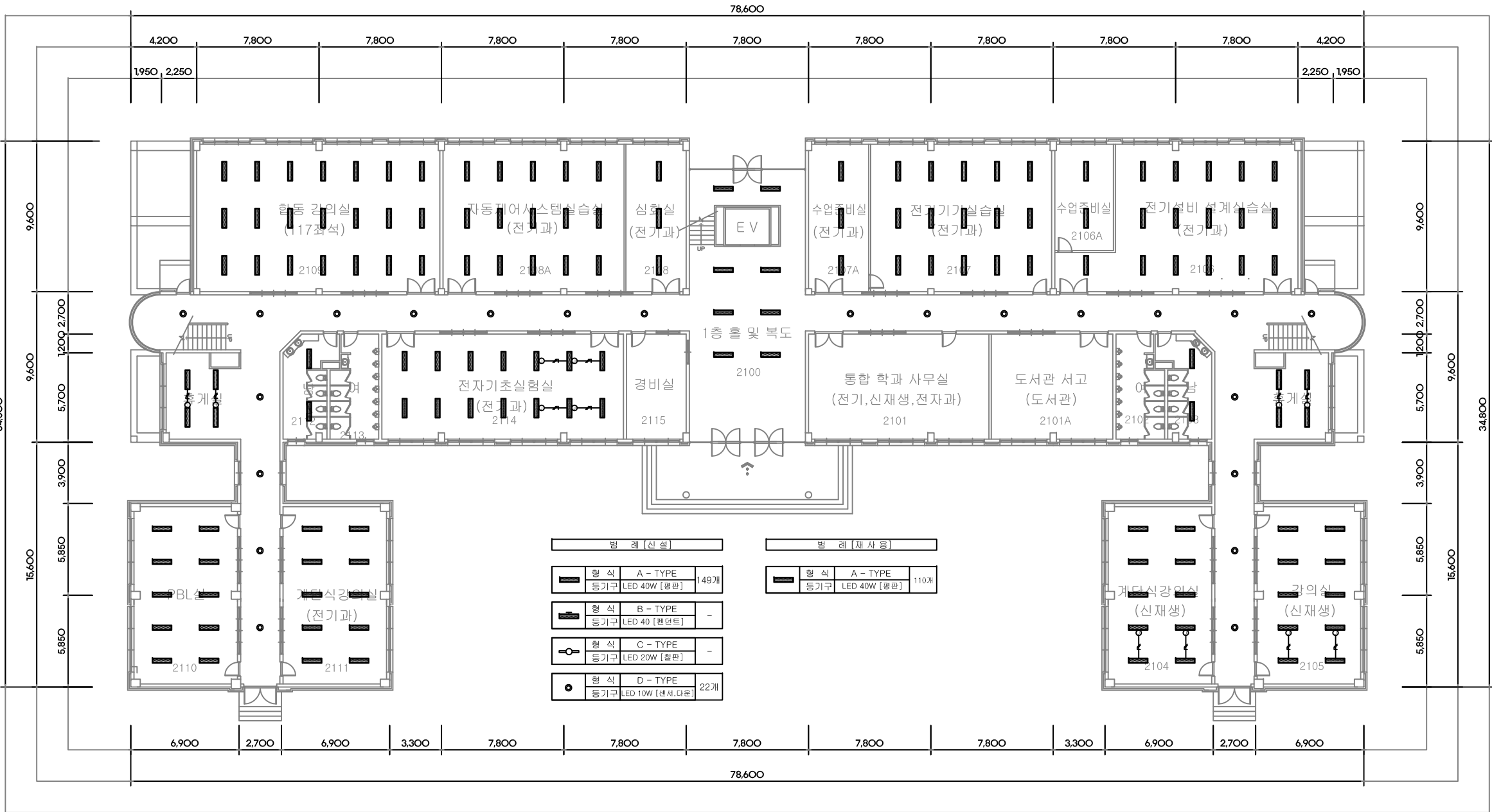
※ 공사 부위 내 천장에 부착된 프로젝터, 마이크, 스크린 등 모든 기자재 및 CCTV, 무선통신장치(AP) 등은 철거 후 재설치(사전협의)



봉사관 3층 전등설비 평면도(변경후)

SCALE : NONE

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	



※ b 전등설비 라인은 비상전원 라인임
※ 공사 부위 내 천장에 부착된 프로젝터, 마이크, 스크린 등 모든 기자재 및 CCTV, 무선통신장치(AP) 등은 철거 후 재설치(사전협의)

성실관 1층 전등설비 평면도(변경 후)
SCALE : NONE

PROJECT 전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	



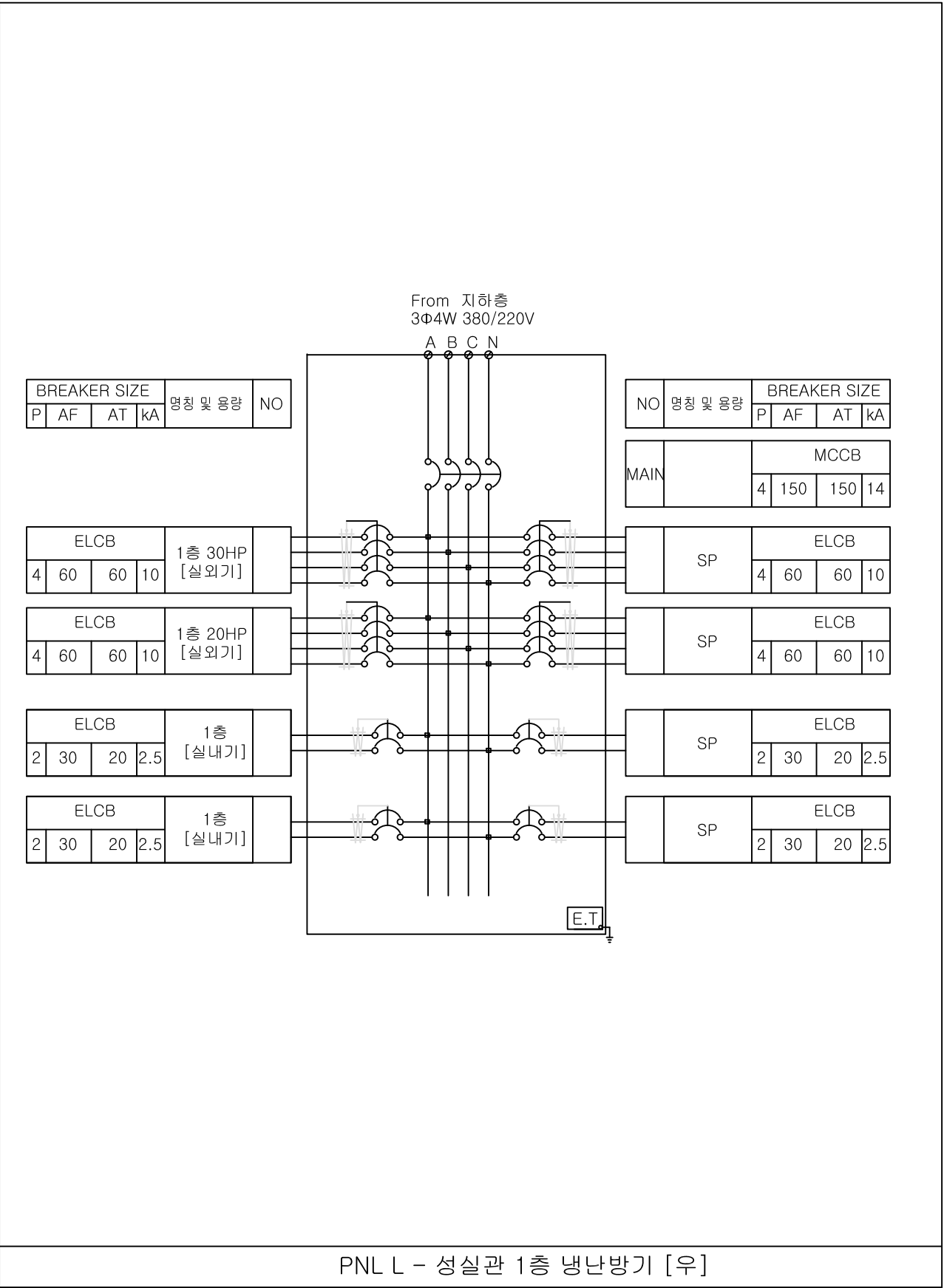
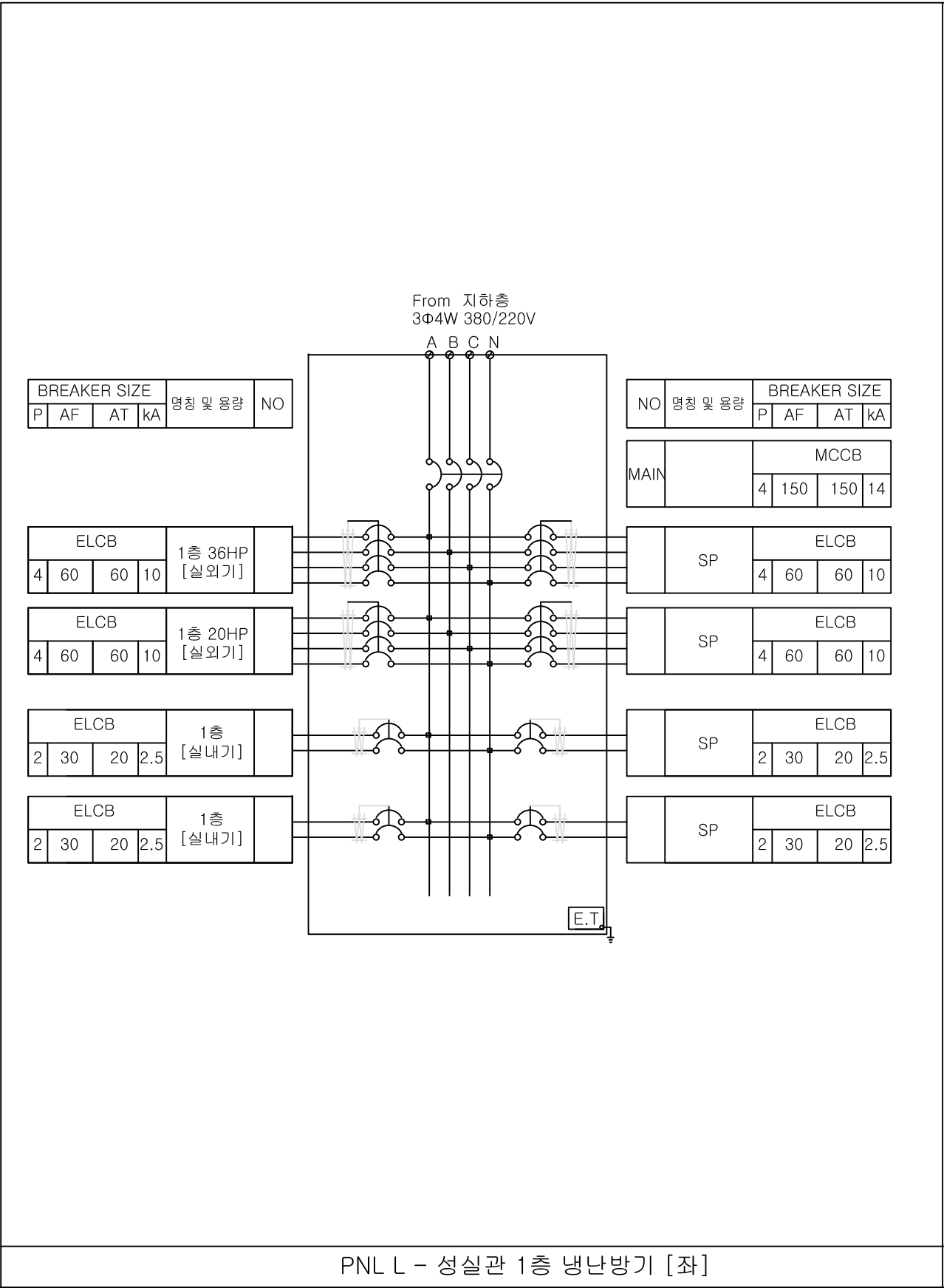
CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	1층냉난방기	1층냉난방기[좌]	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		
②	1층냉난방기	1층냉난방기[우]	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		

-TRAY내 공통접지

성실관 1층 전력간선 평면도

PROJECT 전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE 1층 전력간선 평면도		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	

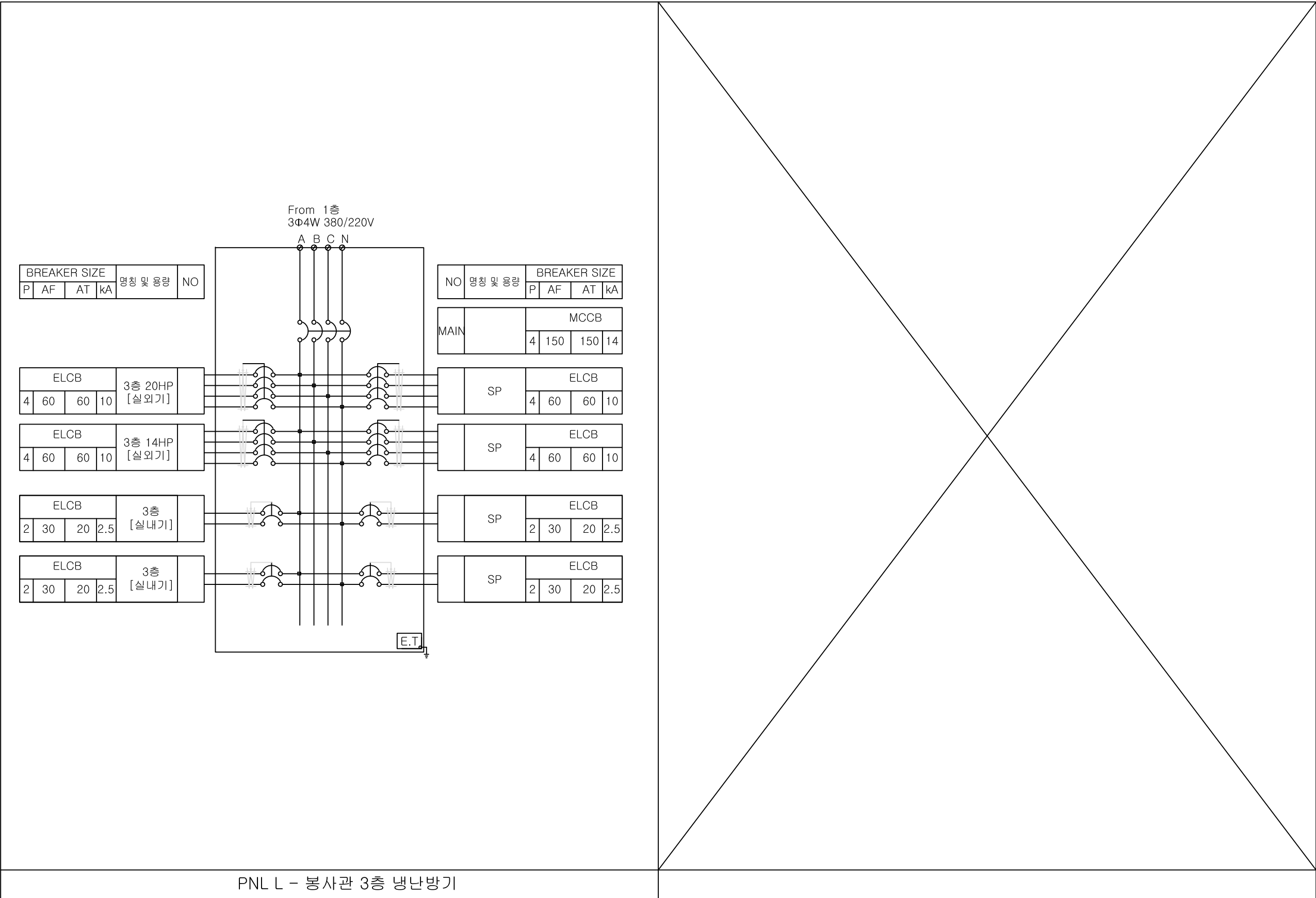


★ NOTE ★

1. 외함 : 노출-STEEL
2. 도장 : 내판분체정전도장(지정색)
3. 노출 벽부형

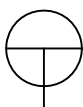
분전반 결선도-01

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
분전반 결선도-01		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	



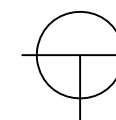
★ NOTE ★

1. 외함 : 노출-STEEL
2. 도장 : 내판분체정전도장(지정색)
3. 노출 벽부형



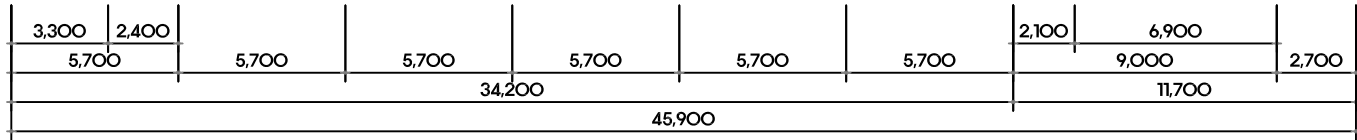
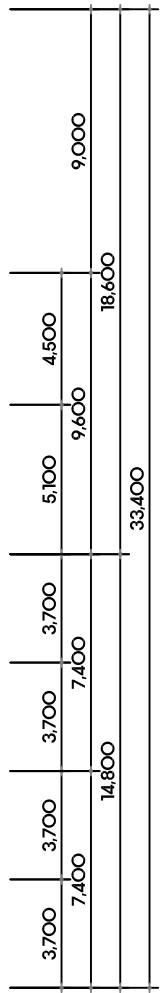
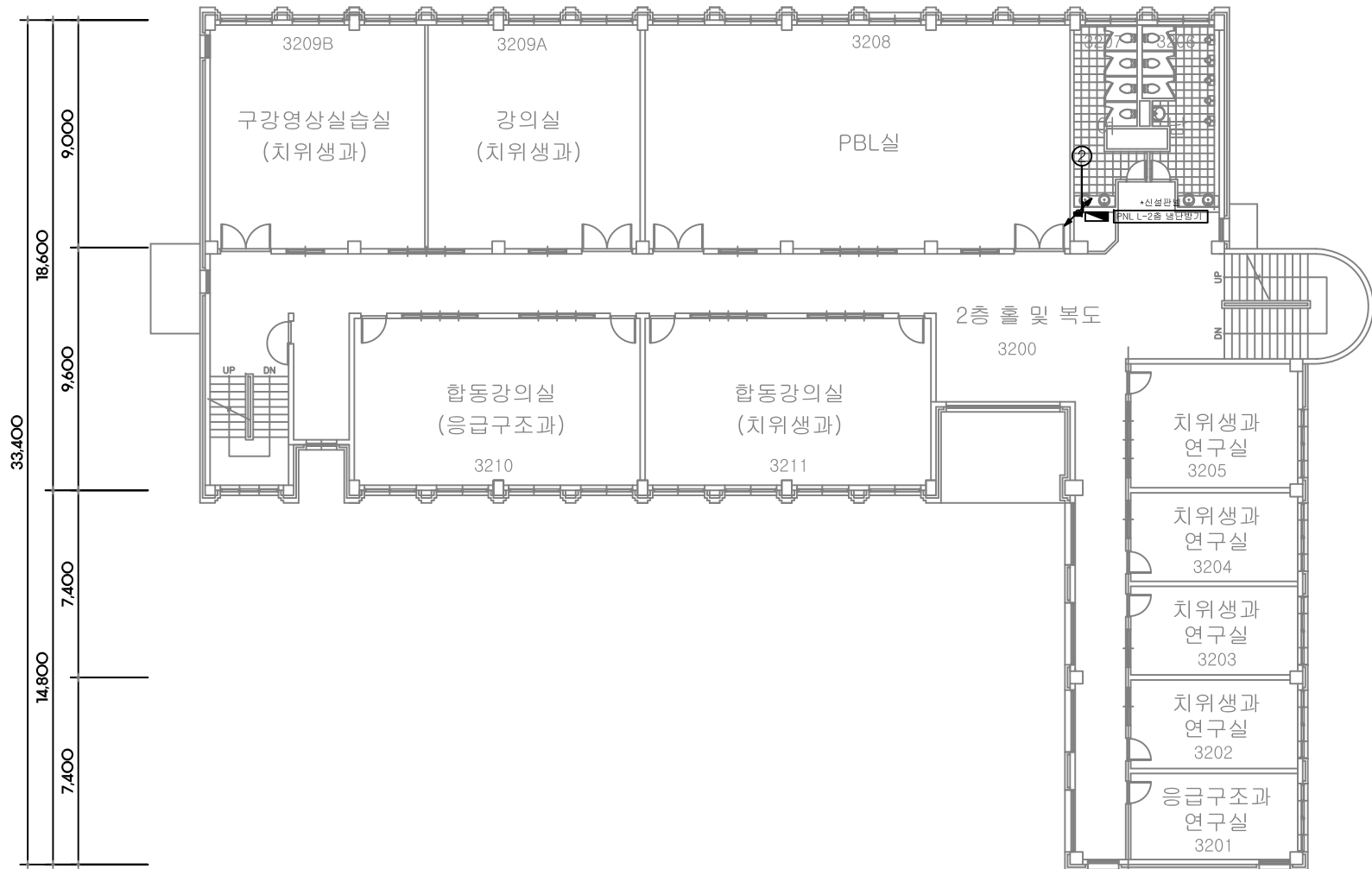
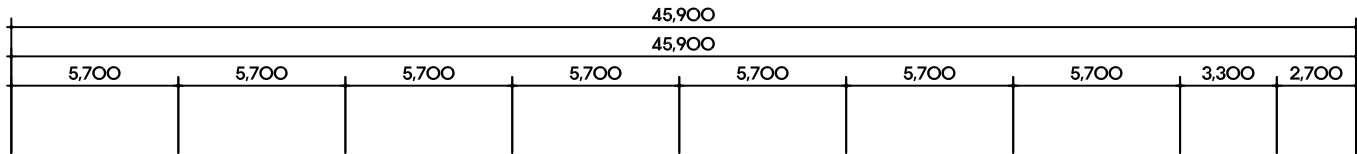
분전반 결선도-02

PROJECT
전주비전대학교
CLIENT
INTERIOR ARCHITECTURE
EXTERIOR ARCHITECTURE
NOTE
REVISIONS
DATE
REMARK
SHEET TITLE
분전반 결선도-02
PROJECT NO.
DRAWN BY
CHECKED BY
APPROVED BY
DATE
SCALE
CAD FILE
DRAWING NO
SHEET NO



SCALE : NONE

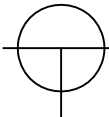
[illegible]



CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	기존케이블	1층냉난방기(신)	0.6/1KV F-CV 50sq/1Cx4, E-25sq			
②	1층냉난방기(신)	2층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		
③	1층냉난방기(신)	3층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		

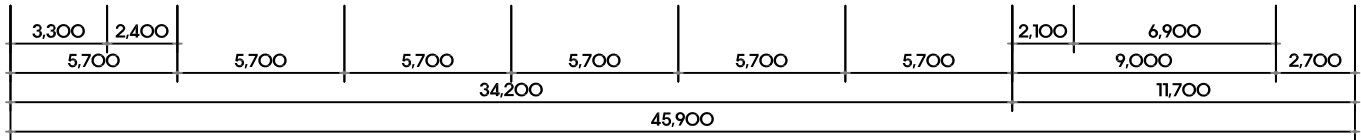
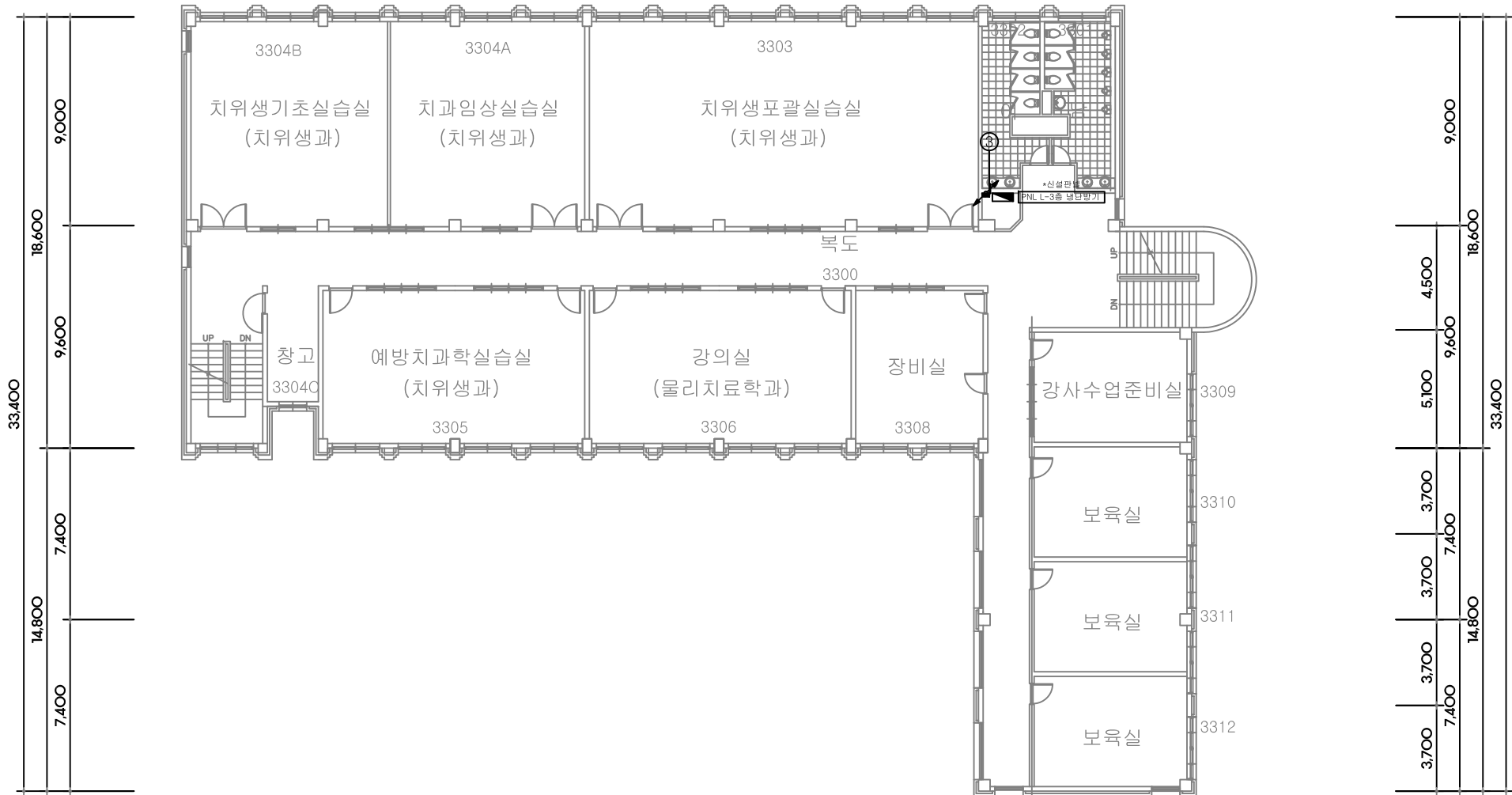
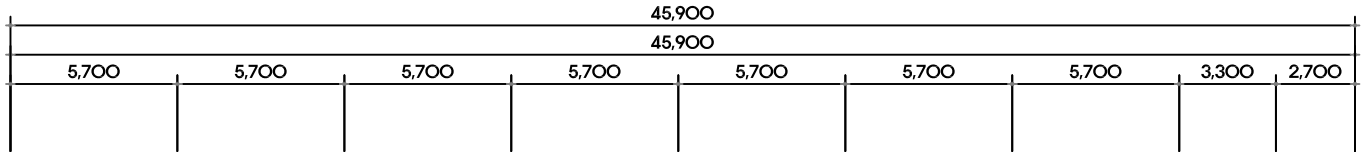
-TRAY내 공통접지



봉사관 2층 전력간선 평면도

SCALE : NONE

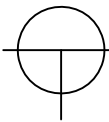
PROJECT 전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE 봉사관 2층 전력간선 평면도		
PROJECT NO.		DRAWN BY
CHECKED BY		APPROVED BY
DATE		SCALE
CAD FILE		
DRAWING NO E- 006		SHEET NO



CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	기존케이블	1층냉난방기(신)	0.6/1KV F-CV 50sq/1Cx4, E-25sq			
②	1층냉난방기(신)	2층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		
③	1층냉난방기(신)	3층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		

-TRAY내 공통접지



봉사관 3층 전력간선 평면도

SCALE : NONE

PROJECT
전주비전대학교

CLIENT

INTERIOR ARCHITECTURE

EXTERIOR ARCHITECTURE

NOTE

REVISIONS	DATE	REMARK

SHEET TITLE
봉사관 3층 전력간선 평면도

PROJECT NO.	DRAWN BY
CHECKED BY	APPROVED BY
DATE	SCALE

CAD FILE

DRAWING NO E- 006	SHEET NO
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CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	기존케이블	1층냉난방기(신)	0.6/1KV F-CV 50sq/1Cx4, E-25sq			
②	1층냉난방기(신)	2층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		
③	1층냉난방기(신)	3층냉난방기	0.6/1KV F-CV 25sq/4C, E-16sq	TRAY		

-TRAY내 공통접지

옥상층

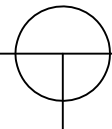
4층

3층

2층

1층

지하층



전력간선 계통도

SCALE : NONE

PROJECT		
전주비전대학교		
CLIENT		
INTERIOR ARCHITECTURE		
EXTERIOR ARCHITECTURE		
NOTE		
REVISIONS	DATE	REMARK
SHEET TITLE		
전력간선 계통도		
PROJECT NO.	DRAWN BY	
CHECKED BY	APPROVED BY	
DATE	SCALE	
CAD FILE		
DRAWING NO	SHEET NO	
E- 002		

NOTE:

KEY PLAN:

No.	Date	Revision Description	Chkd.
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ISSUES & REVISIONS

설계도명
Project

디자인 Designed by	. .
담당 Drawn by	. .
검토 Checked by	. .
승인 Approved	. .

도면명
Title

창조관 냉난방 제어 계통도

축척
Scale 1 : 300 (A3)

설계번호
Project No.

일자
Date 2020. 03.

도면번호
Drawing No.

일련번호
Sheet No.

Rev.
No.

△

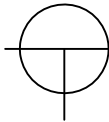
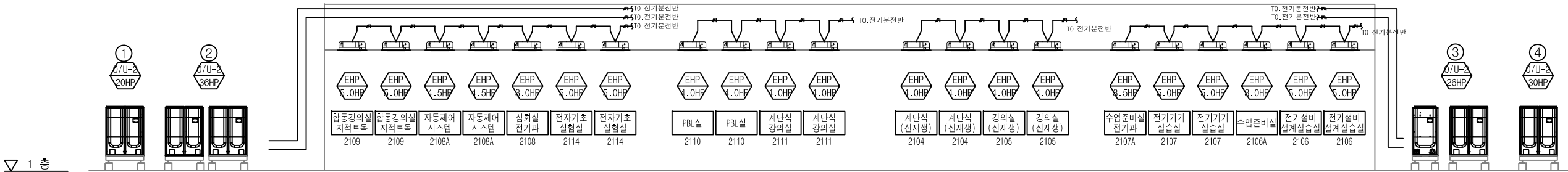
CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	1층 냉난방기[좌]	1층 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
②	1층 냉난방기[좌]	1층 실외기[36HP]	0.6/1KV F-CV 16sq/4C	TRAY		
③	1층 냉난방기[우]	1층 실외기[26HP]	0.6/1KV F-CV 16sq/4C	TRAY		
④	1층 냉난방기[우]	1층 실외기[30HP]	0.6/1KV F-CV 16sq/4C	TRAY		

-TRAY내 공통접지

1. EPS본결반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
2. 에어컨 실외기 및 실내기용 누설전류차단기 설치는 전기업체 공사분임.

실내기전원선(F-CV 2.5sq/3C)
실외기전원선(F-CV 16sq/3C)
실외기전원선(F-CV 10sq/3C)



성실관 냉난방 전력 계통도

SCALE : 1 / 300(A3)

NOTE:

KEY PLAN:

No.	Date	Revision Description	Chkd.
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ISSUES & REVISIONS

설계도명
Project

디자인 Designed by	. .
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담당 Drawn by	. .
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검토 Checked by	. .
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승인 Approved	. .
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도면명
Title

성실관 1층 냉난방 전력 평면도

축척 Scale	1 : 300 (A3)
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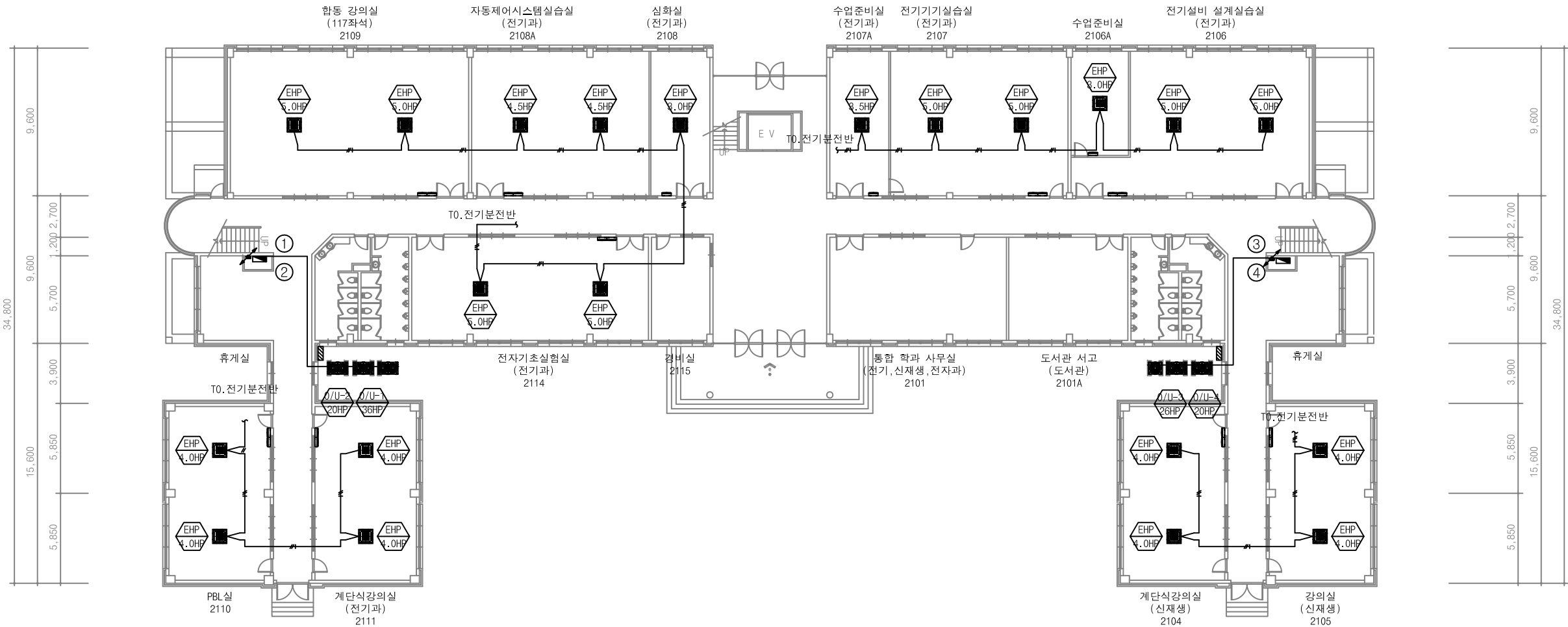
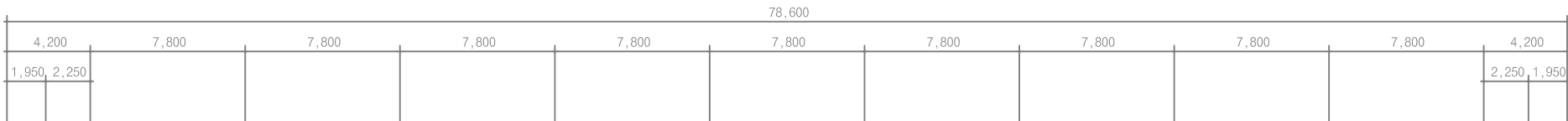
설계번호
Project No.

일자 Date	2020. 03.
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도면번호
Drawing No.

일련번호 Sheet No.	Rev. No.
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△

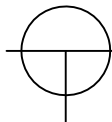
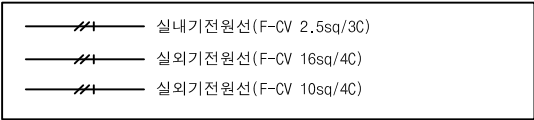


CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	1층 냉난방기[좌]	1층 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
②	1층 냉난방기[좌]	1층 실외기[36HP]	0.6/1KV F-CV 16sq/4C	TRAY		
③	1층 냉난방기[우]	1층 실외기[26HP]	0.6/1KV F-CV 16sq/4C	TRAY		
④	1층 냉난방기[우]	1층 실외기[30HP]	0.6/1KV F-CV 16sq/4C	TRAY		

-TRAY내 공통접지

1. EPS분전반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
2. 에어컨 실외기 및 실내기를 누설전류차단기 설치하는 전기업체 공사분임.



성실관 1층 냉난방 전력 평면도

SCALE : 1 / 300(A3)

CABLE SCHEDULE

NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		비 고
	FROM	TO				
①	1층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
②	1층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
③	2층 PNL	옥탑 실외기[24HP]	0.6/1KV F-CV 16sq/4C	TRAY		
④	2층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
⑤	3층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
⑥	3층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
⑦	각층 분전반	각층 그룹별 실내기	0.6/1KV F-CV 2.5sq/3C	TRAY		

1. EPS분전반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
2. 에어컨 실외기 및 실내기용 누설전류차단기 설치는 전기업체 공사분임.

- 실내기전원선(F-CV 2.5sq/3C)
-
- 실외기전원선(F-CV 16sq/4C)

-TRAY내 공통접지

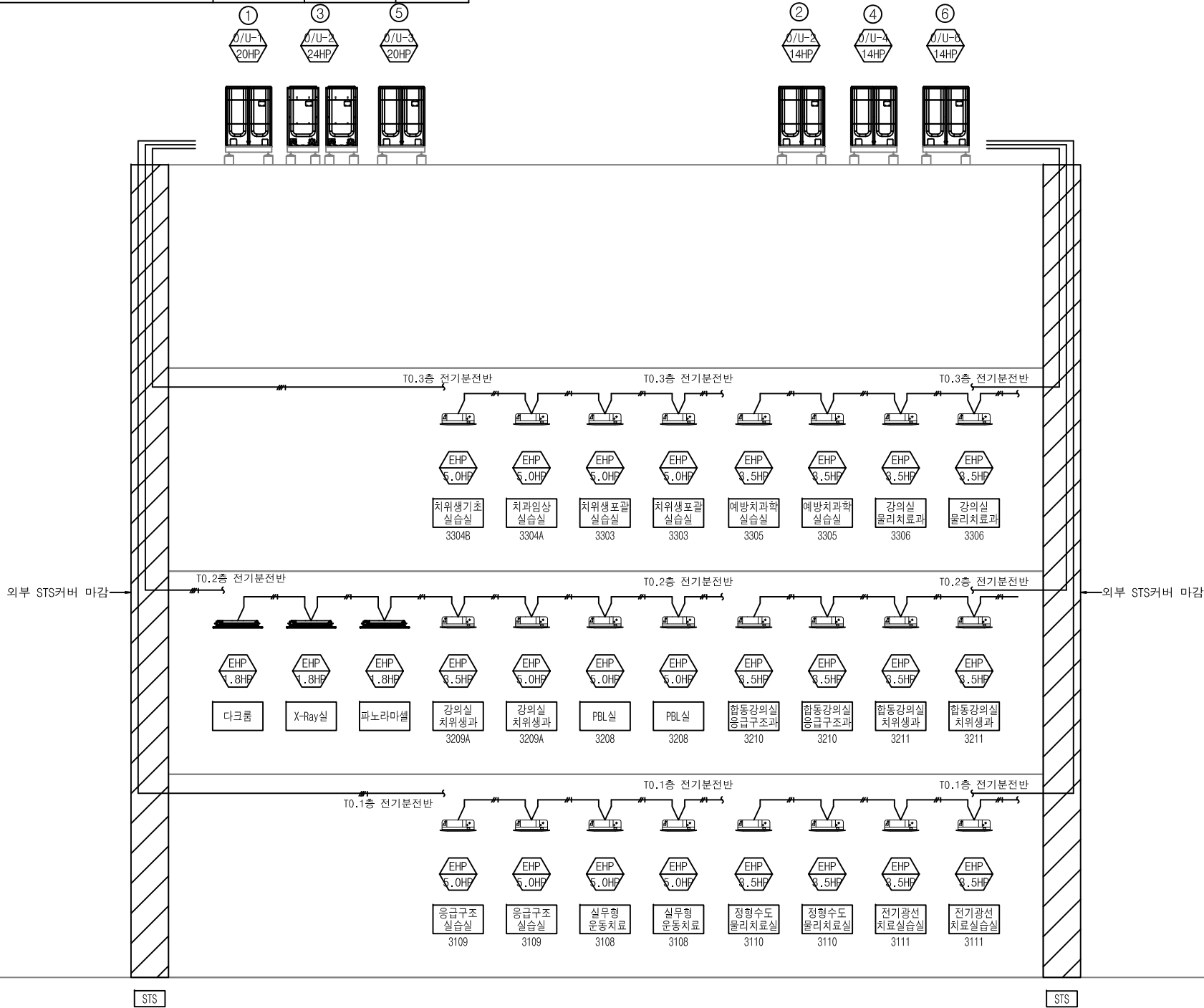
▽ 옥상층

▽ 4 층

▽ 3 층

▽ 2 층

▽ 1 층



봉서관 냉난방 전력 계통도

SCALE : 1 / 200(A3)

VISION
전주비전대학교

비전대학교
냉난방기 설치공사
(봉서관)

NOTE:

KEY PLAN:

No.	Date	Revision	Description	Chkd.

ISSUES & REVISIONS

설계도명
Project

디자인 Designed by	. .
담당 Drawn by	. .
검토 Checked by	. .
승인 Approved	. .

도면명
Title

봉서관
냉난방 전력 계통도

축척
Scale 1 : 200 (A3)

설계번호
Project No.

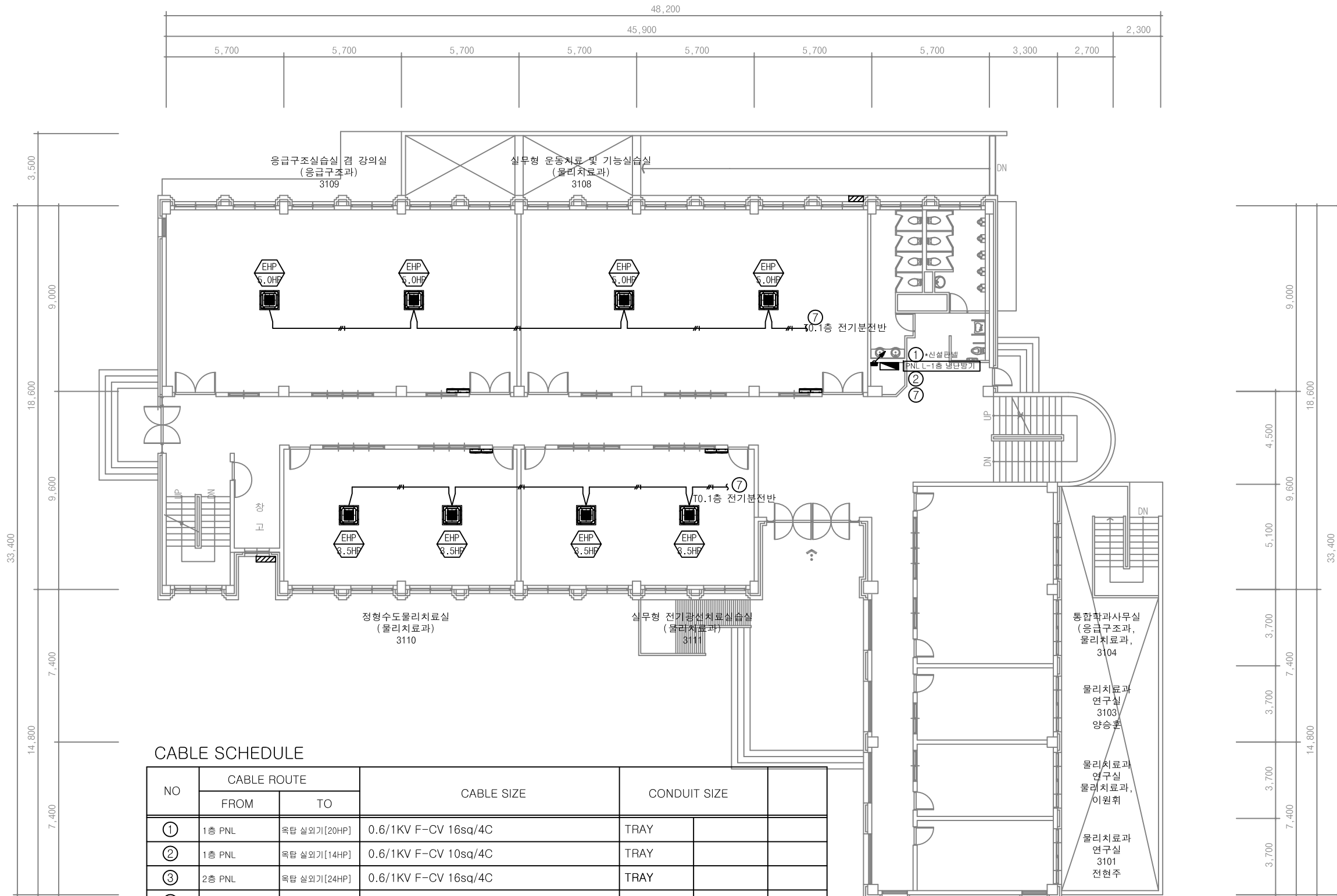
일자
Date 2020. 03.

도면번호
Drawing No.

일련번호
Sheet No.

Rev.
No.

△



CABLE SCHEDULE

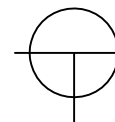
NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE		
	FROM	TO				
①	1층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
②	1층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
③	2층 PNL	옥탑 실외기[24HP]	0.6/1KV F-CV 16sq/4C	TRAY		
④	2층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
⑤	3층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY		
⑥	3층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY		
⑦	각층 분전반	각층 그룹별 실내기	0.6/1KV F-CV 2.5sq/3C	TRAY		

설계기준

1. EPS분전반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
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- 실내기전원선(F-CV 2.5sq/3C)
- 실외기전원선(F-CV 16sq/4C)
- 실외기전원선(F-CV 10sq/4C)

-TRAY내 공통접지



봉사관 1층 냉난방 전력 평면도

SCALE : 1 / 200(A3)

NOTE:

KEY PLAN:

No.	Date	Revision Description	Chkd.
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ISSUES & REVISIONS

설계도명
Project

디자인
Designed by

담당
Drawn by

검토
Checked by

승인
Approved

도면명
Title

봉사관
2층 냉난방 전력 평면도

축척
Scale

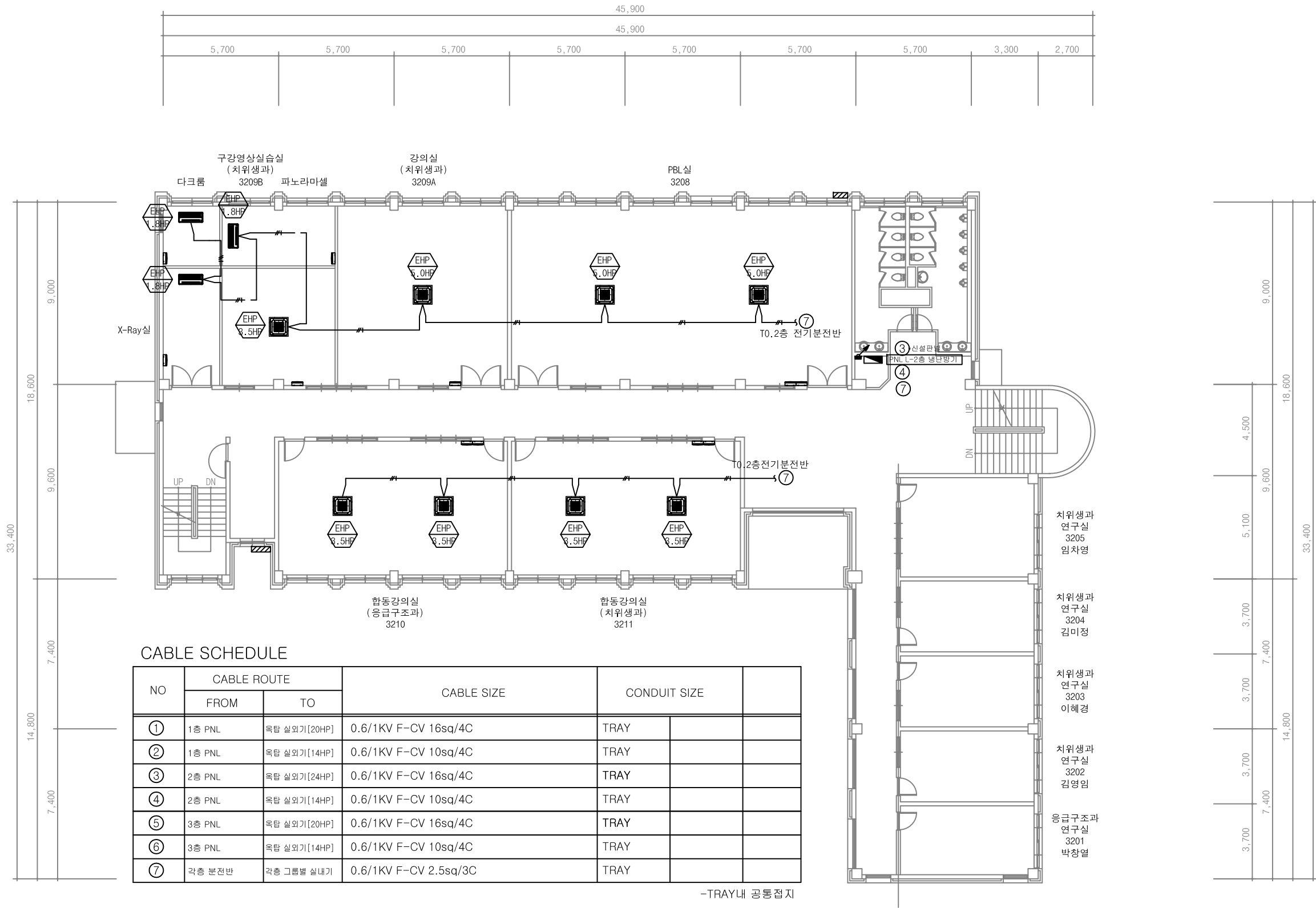
설계번호
Project No.

일자
Date

도면번호
Drawing No.

일련번호
Sheet No.

Rev.
No.



설계기준

1. EPS분전반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
2. 에어컨 실외기 및 실내기용 누설전류차단기 설치는 전기업체 공사분임.

- 실내기전원선(F-CV 2.5sq/3C)
- 실외기전원선(F-CV 16sq/4C)
- 실외기전원선(F-CV 10sq/4C)

봉사관 2층 냉난방 전력 평면도
SCALE : 1 / 200(A3)

NOTE:

KEY PLAN:

No.	Date	Revision Description	Chkd.
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ISSUES & REVISIONS

설계도명
Project

디자인
Designed by

담당
Drawn by

검토
Checked by

승인
Approved

도면명
Title

봉사관
3층 냉난방 전력 평면도

축척
Scale

설계번호
Project No.

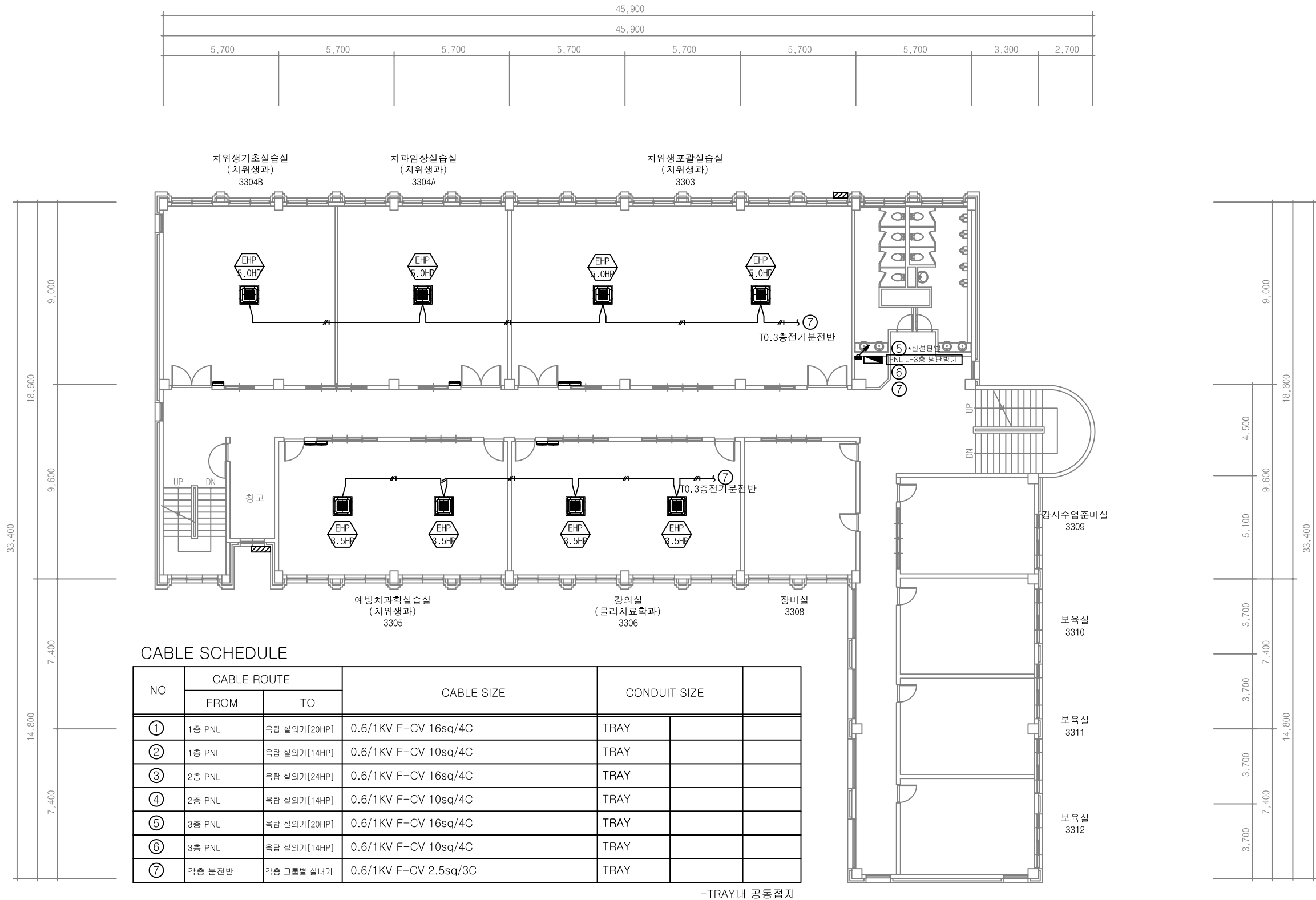
일자
Date

도면번호
Drawing No.

일련번호
Sheet No.

Rev.
No.

△



CABLE SCHEDULE

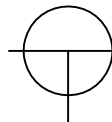
NO	CABLE ROUTE		CABLE SIZE	CONDUIT SIZE	
	FROM	TO			
①	1층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY	
②	1층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY	
③	2층 PNL	옥탑 실외기[24HP]	0.6/1KV F-CV 16sq/4C	TRAY	
④	2층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY	
⑤	3층 PNL	옥탑 실외기[20HP]	0.6/1KV F-CV 16sq/4C	TRAY	
⑥	3층 PNL	옥탑 실외기[14HP]	0.6/1KV F-CV 10sq/4C	TRAY	
⑦	각층 분전반	각층 그룹별 실내기	0.6/1KV F-CV 2.5sq/3C	TRAY	

-TRAY내 공통접지

비고

1. EPS분전반에서 실외기 및 실내기간 전선공사는 전기업체 공사분임.
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- 실외기전원선(F-CV 16sq/4C)
- 실외기전원선(F-CV 10sq/4C)



봉사관 3층 냉난방 전력 평면도

SCALE : 1 / 200(A3)