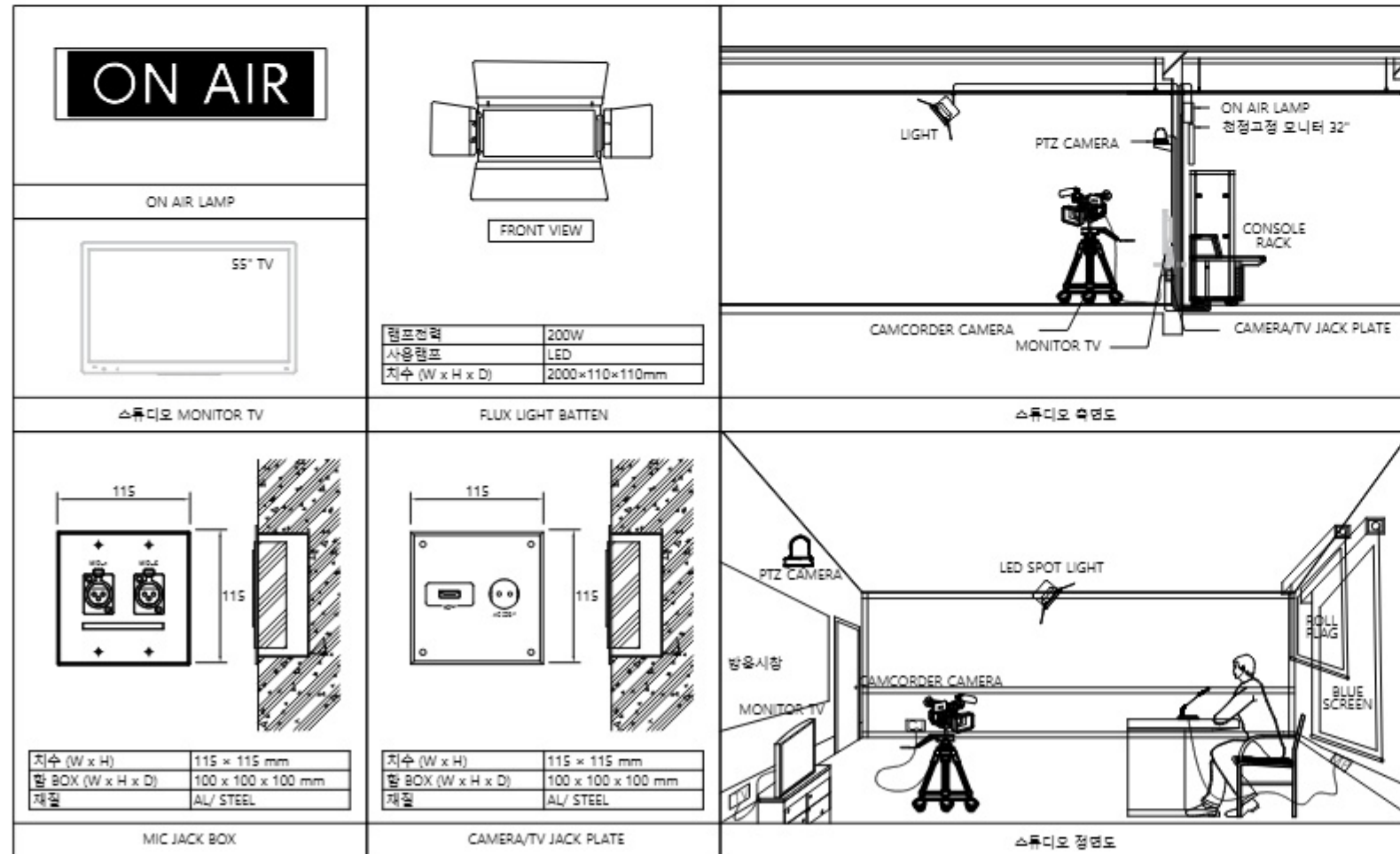
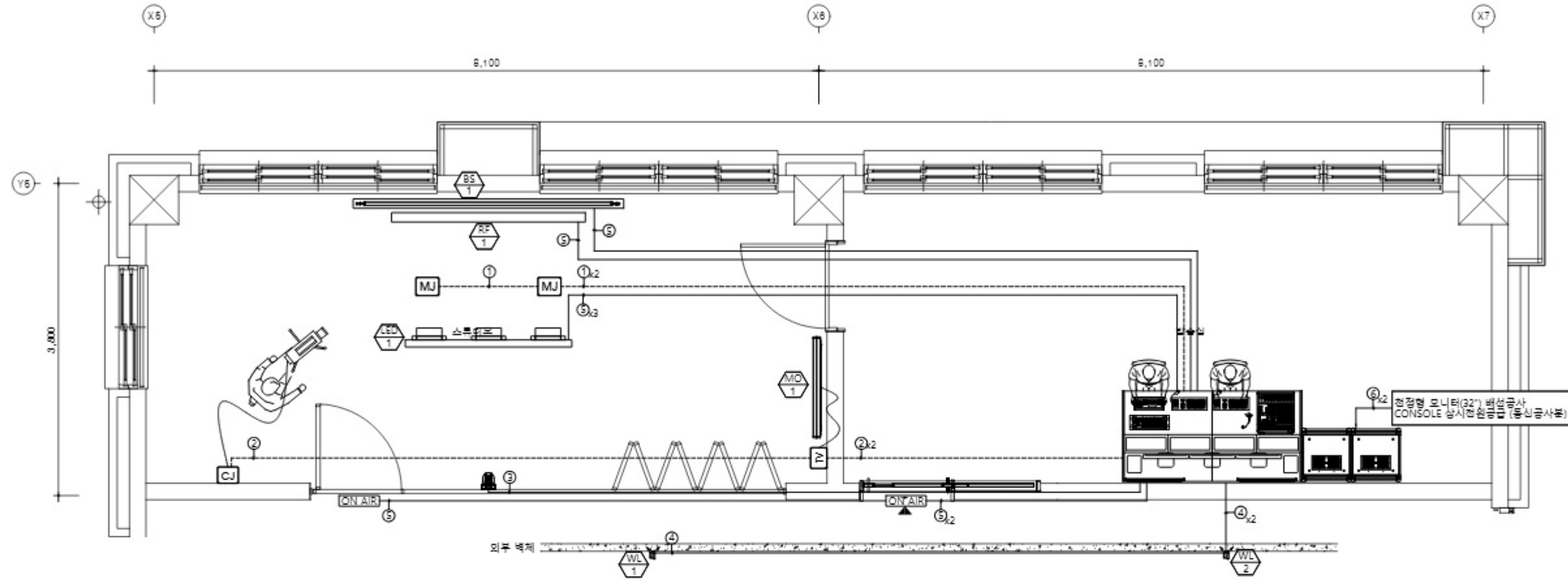




평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청례를 그린다
경기도교육청 공약제보(031-249-0999)
NOTE



지상3층 스튜디오설비 평면도
SCALE A1 : 1/30
A3 : 1/60

구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분

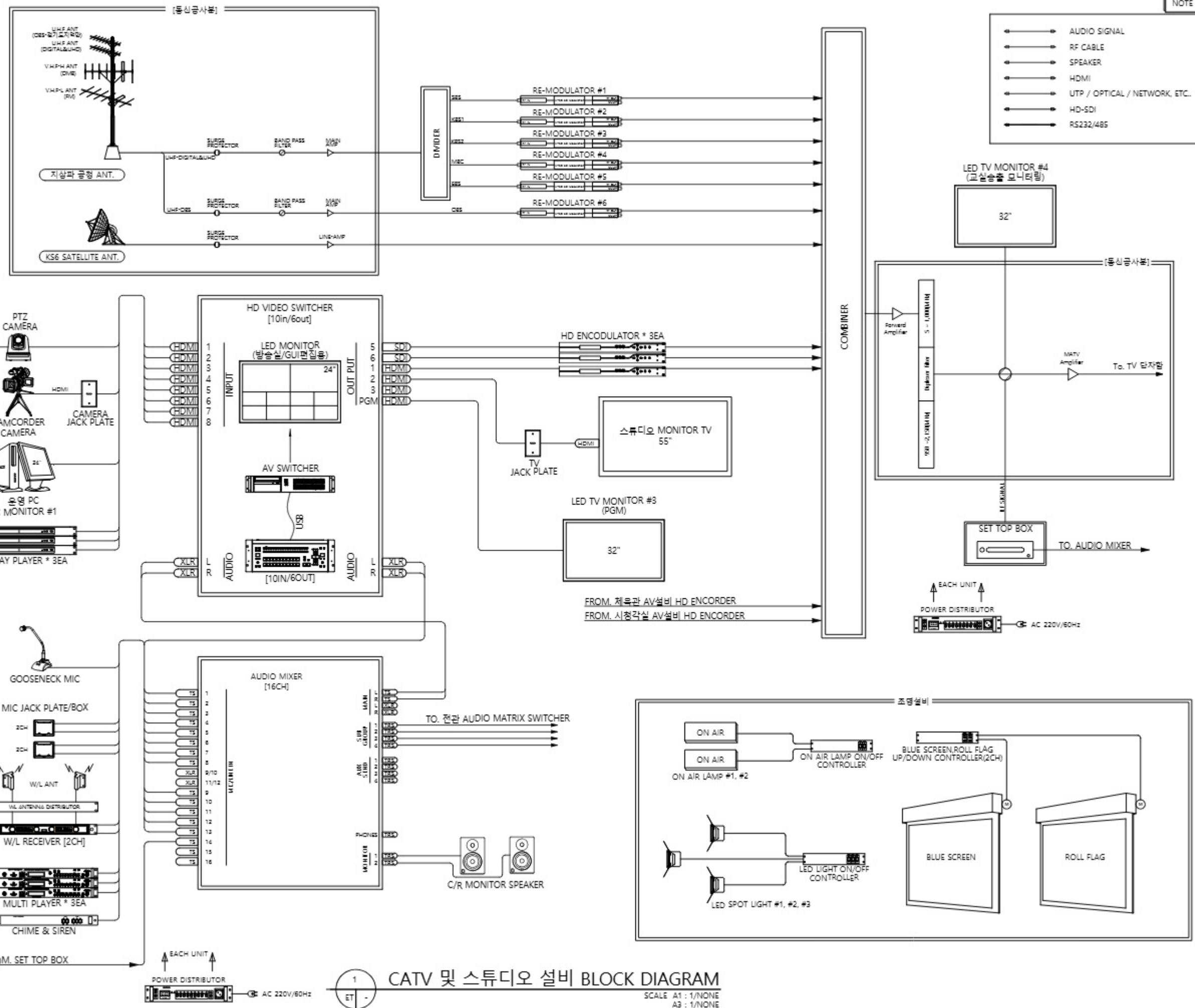
PLUS

(주)에이플러스건축사사무소
TEL. 02-6080-0401 FAX. 070-4728-1277

구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분

지상3층 스튜디오설비
평면도

구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분
구분	구분	구분	구분	구분



CATV 및 스튜디오 설비 BLOCK DIAGRAM
 SCALE A1: 1/NONE
 A3: 1/NONE



평택고 공간재구조화
 증개축 및 리모델링 설계용역



설계도에 청역을 그린다
 경기도교육청 공약제보(031-249-0999)
 NOTE

REV.	DATE	DESCRIPTION	BY	CHK	APP
1					
2					
3					

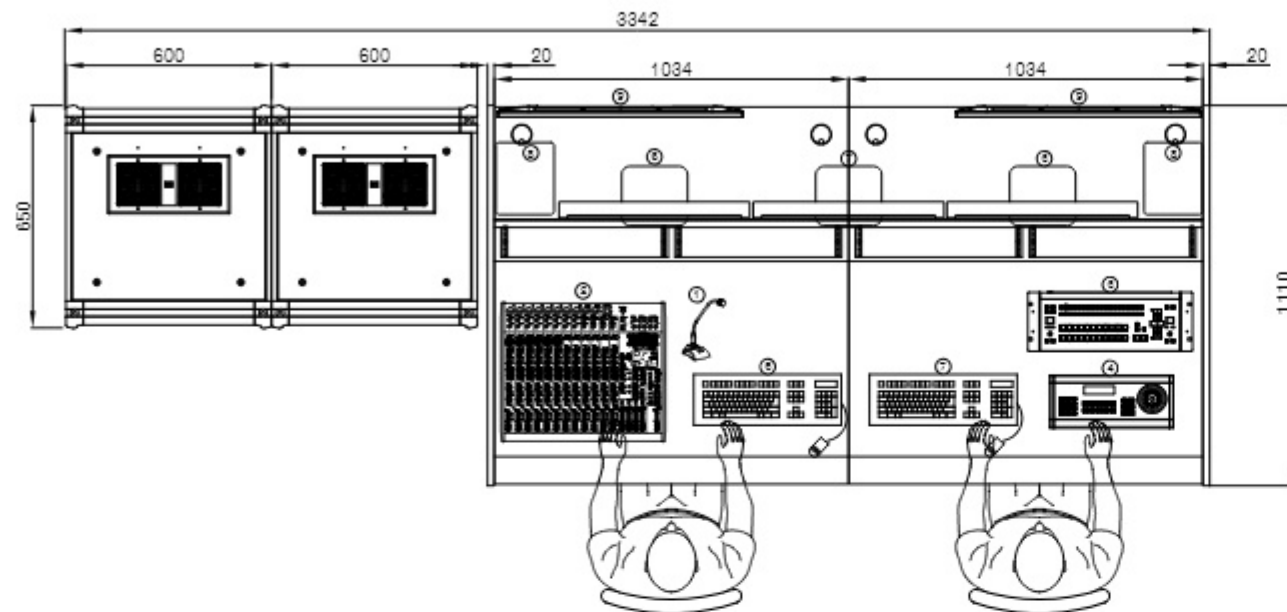


(주)에이플러스건축사사무소
 TEL. 02-6080-0401 FAX. 070-4728-1277

주요	주요	주요
주요	주요	주요
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주요	주요	주요

CATV 및 스튜디오 설비
 BLOCK DIAGRAM

APPROVAL DATE	2024. 09.	APPROVAL	김종우
PROJECT NO.	-	DESIGNED BY	김철식
DESIGN DATE	-	DRAWN	-
STUD	A1: 1/NONE A3: 1/NONE		
DESIGN NO.	ET-506	REV.	00

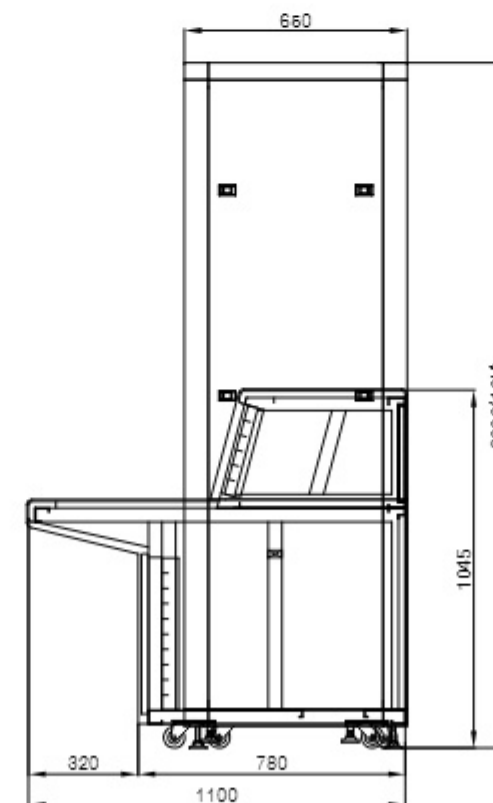
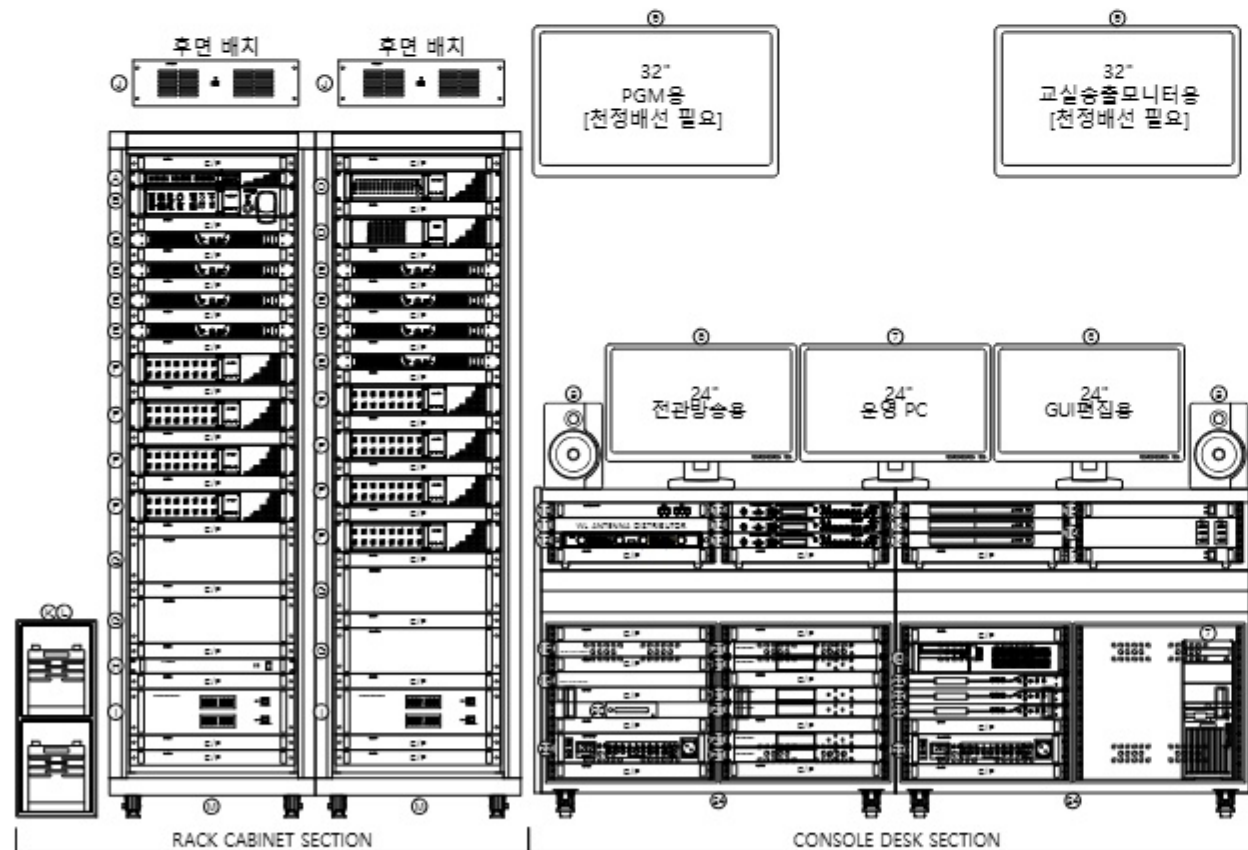


■ RACK CABINET SECTION

NO	DESCRIPTION	Q.TY	REMARK
A	EMERGENCY INTERFACE	1	42POINT
B	MASTER CONTROLLER	1	CONTROL
C	DIGITAL MONITOR	1	16CH
D	AUDIO MATRIX	1	12IN 12OUT
E	POWER AMPLIFIER	8	300W
F	RELAY GROUP	8	16CH
G	TERMINAL BOARD	4	80CCT
H	POWER SUPPLY	1	DC
I	POWER DISTRIBUTOR	2	AC220V, DC24V
J	AUTO BLOWER	2	AUTO
K	EM BATTERY	2	12V / 100AH
L	BATTERY CASE	1	STEEL
M	RACK CABINET	2	19"
-	BLANK PANEL	30	1U

■ CONSOLE DESK SECTION

NO	DESCRIPTION	Q.TY	REMARK
1	GOOSENECK MIC	1	GOOSENECK
2	AUDIO MIXER	1	16CH
3	HD VIDEO SWITCHER	1	10in/6out
-	CONTROL PANEL	1	CONTROL
-	LED MONITOR	1	24"
4	CAMERA CONTROLLER	1	CONTROL
5	KEYBOARD & MOUSE (전광방송용)	1	DESK
6	LED MONITOR (전광방송용)	1	24"
7	출영 PC	1	17"
-	LED MONITOR	1	24"
-	KEYBOARD & MOUSE	1	DESK
8	C/R MONITOR SPEAKER	2	POWERED
9	LED MONITOR	2	32"
10	CHIME & SIREN	1	4종제
11	W/L ANT DISTRIBUTOR	1	900MHz
12	W/L RECEIVER (2CH)	1	900MHz
13	MULTI PLAYER	3	CD/USB/SD CARD
14	BLU-LAY PLAYER	3	FHD
15	BLUE SCREEN, ROLL FLAG CONTROLLER	1	2CCT
16	ON AIR LAMP CONTROLLER	1	ON/OFF
17	LED LIGHT CONTROLLER	1	ON/OFF
18	DIVIDER	1	RF
19	COMBINER	1	RF
20	SETTOP BOX	1	HD
21	RE-MODULATOR	6	8VSB
22	HD ENCODULATOR	3	HD
23	POWER DISTRIBUTOR	2	8CH
24	CONSOLE DESK (18AY)	4	제작사양
-	BLANK PANEL	15	FULL HD



교내 전광방송설비/ CATV 및 스튜디오 설비 RACK DETAIL

SCALE A1: 1/NONE
A3: 1/NONE



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청영을 그린다
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NOTE

NO.	DATE	DESCRIPTION	BY	CHK	APP
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2					
3					

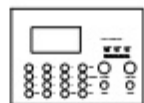
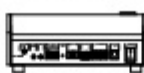
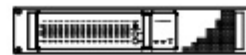
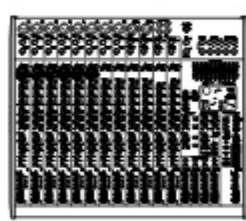
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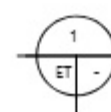
(주)에이플러스건축사사무소
TEL. 02-6880-0401 FAX. 070-4728-7277

주요	주요	주요
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주요	주요	주요
주요	주요	주요

교내 전광방송설비/ CATV 및
스튜디오 설비 RACK DETAIL

APPROVAL DATE	2024. 09.	APPROVAL	김종우
PROJECT NO.	-	DESIGNED BY	김철식
DESIGN DATE	-	DRAWN	-
STUD	A1: 1/NONE A3: 1/NONE		
DESIGN NO.	ET-506	REL.	00

  FRONT VIEW REAR VIEW * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x1), Link(x1), 9600bps</td></tr><tr><td>제어 범위</td><td>전장 (IN)x42</td></tr><tr><td>AMP OUTPUT MONITOR</td><td>내부 Monitor Speaker(x1)</td></tr><tr><td>사용 전압 / 소비 전력</td><td>DC 24V / 1A</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 359(D)mm</td></tr></table>	COMMUNICATION	RS-485(x1), Link(x1), 9600bps	제어 범위	전장 (IN)x42	AMP OUTPUT MONITOR	내부 Monitor Speaker(x1)	사용 전압 / 소비 전력	DC 24V / 1A	DIMENSION	483(W) x 44(H) x 359(D)mm	 FRONT VIEW * Specifications <table><tr><td>LAN PORT</td><td>100BASE-TX 1PORT</td></tr><tr><td>USB</td><td>4PORT</td></tr><tr><td>AUDIO INPUT</td><td>PC x1, AUX x3, AUDIO IN(x4), TRIM x4</td></tr><tr><td>AUDIO OUTPUT</td><td>AUDIO OUT(x4), MONITOR(x1)</td></tr><tr><td>COMMUNICATION</td><td>PLC x2, DC24V, RS-485(x5), 9600bps</td></tr><tr><td>전원(SPI)</td><td>AUX 전원 x3, GPIN x4, GPOUT x4</td></tr><tr><td>POWER</td><td>DC24V, 2A</td></tr><tr><td>소비전력</td><td>48W</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D)mm 2H (With Bracket)</td></tr></table>	LAN PORT	100BASE-TX 1PORT	USB	4PORT	AUDIO INPUT	PC x1, AUX x3, AUDIO IN(x4), TRIM x4	AUDIO OUTPUT	AUDIO OUT(x4), MONITOR(x1)	COMMUNICATION	PLC x2, DC24V, RS-485(x5), 9600bps	전원(SPI)	AUX 전원 x3, GPIN x4, GPOUT x4	POWER	DC24V, 2A	소비전력	48W	DIMENSION	483(W) x 88(H) x 359(D)mm 2H (With Bracket)	 FRONT VIEW * Specifications <table><tr><td>AUDIO INPUT</td><td>12CH</td></tr><tr><td>AUDIO OUTPUT</td><td>12CH (장바닥 최대 3대 연결 가능)</td></tr><tr><td>POWER</td><td>DC 24V</td></tr><tr><td>DIMENSION</td><td>483(W)x44(H)x359(D)mm</td></tr></table>	AUDIO INPUT	12CH	AUDIO OUTPUT	12CH (장바닥 최대 3대 연결 가능)	POWER	DC 24V	DIMENSION	483(W)x44(H)x359(D)mm	  FRONT VIEW REAR VIEW * Specifications <table><tr><td>DISPLAY</td><td>Graphic LCD, 상태 LED(5단계 리셋, 통신, 정지)</td></tr><tr><td>COMMUNICATION</td><td>RS-485(x1), 9600bps</td></tr><tr><td>AUDIO INPUT</td><td>MIC(x1) / CHIME(x1)</td></tr><tr><td>AUDIO OUTPUT</td><td>AUDIO OUT(x1), AUDIO MONITOR OUT(x1)</td></tr><tr><td>POWER</td><td>DC5V, 2A, Adapter</td></tr><tr><td>DIMENSION</td><td>123(W) x 70(H) x 189(D)mm</td></tr></table>	DISPLAY	Graphic LCD, 상태 LED(5단계 리셋, 통신, 정지)	COMMUNICATION	RS-485(x1), 9600bps	AUDIO INPUT	MIC(x1) / CHIME(x1)	AUDIO OUTPUT	AUDIO OUT(x1), AUDIO MONITOR OUT(x1)	POWER	DC5V, 2A, Adapter	DIMENSION	123(W) x 70(H) x 189(D)mm	 FRONT VIEW * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x2), RJ45 Type, 9600bps</td></tr><tr><td>AMP INPUT</td><td>AMP IN(x16)</td></tr><tr><td>AMP OUTPUT MONITOR</td><td>내부 MONITOR SPEAKER(x1)</td></tr><tr><td>POWER</td><td>DC 24V / 1A</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D) mm</td></tr></table>	COMMUNICATION	RS-485(x2), RJ45 Type, 9600bps	AMP INPUT	AMP IN(x16)	AMP OUTPUT MONITOR	내부 MONITOR SPEAKER(x1)	POWER	DC 24V / 1A	DIMENSION	483(W) x 88(H) x 359(D) mm								
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  FRONT VIEW REAR VIEW * Specifications <table><tr><td>주파수특성</td><td>20Hz ~ 20kHz / -3dB</td></tr><tr><td>신호대역폭</td><td>100dB 이상</td></tr><tr><td>장력음력</td><td>300W (RMS)</td></tr><tr><td>음력 임피던스</td><td>16Ω/70V, 33Ω/100V</td></tr><tr><td>사용전압 / 소비전력</td><td>AC220~240V(50/60Hz), DC 24V / 340W</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 340(D)mm</td></tr></table>	주파수특성	20Hz ~ 20kHz / -3dB	신호대역폭	100dB 이상	장력음력	300W (RMS)	음력 임피던스	16Ω/70V, 33Ω/100V	사용전압 / 소비전력	AC220~240V(50/60Hz), DC 24V / 340W	DIMENSION	483(W) x 44(H) x 340(D)mm	 FRONT VIEW * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x1 Link), 9600bps</td></tr><tr><td>AMP INPUT</td><td>AMP IN(x16)</td></tr><tr><td>AMP OUTPUT</td><td>NOR AMP OUT(x16), EM AMP OUT(x16)</td></tr><tr><td>POWER</td><td>DC 24V / 2A</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D) mm</td></tr></table>	COMMUNICATION	RS-485(x1 Link), 9600bps	AMP INPUT	AMP IN(x16)	AMP OUTPUT	NOR AMP OUT(x16), EM AMP OUT(x16)	POWER	DC 24V / 2A	DIMENSION	483(W) x 88(H) x 359(D) mm	 FRONT VIEW * Specifications <table><tr><td>음력 전미선</td><td>80 및도</td></tr><tr><td>재질</td><td>Front - Aluminum, Cover - Steel</td></tr><tr><td>색상</td><td>검정</td></tr><tr><td>DIMENSION</td><td>483(W) x 133(H) x 240(D)mm</td></tr></table>	음력 전미선	80 및도	재질	Front - Aluminum, Cover - Steel	색상	검정	DIMENSION	483(W) x 133(H) x 240(D)mm	 FRONT VIEW * Specifications <table><tr><td>Input Power Voltage</td><td>AC 220V / 50Hz, 60Hz</td></tr><tr><td>POWER AC OUTPUT</td><td>SWITCHED 5000VA, UNSWITCHED 500VA</td></tr><tr><td>EXT DC Outlet</td><td>Regulated DC24V, 6A</td></tr><tr><td>DIMENSION</td><td>483(W) x 133(H) x 320(D)mm</td></tr></table>	Input Power Voltage	AC 220V / 50Hz, 60Hz	POWER AC OUTPUT	SWITCHED 5000VA, UNSWITCHED 500VA	EXT DC Outlet	Regulated DC24V, 6A	DIMENSION	483(W) x 133(H) x 320(D)mm	 FRONT VIEW * Specifications <table><tr><td>차일주파수</td><td>440Hz, 554Hz, 650Hz, 880Hz</td></tr><tr><td>사이렌주파수</td><td>520Hz (1음) 연속 ±20sec (3음)파상 ±30sec</td></tr><tr><td>음력레벨</td><td>0dB Unbalanced</td></tr><tr><td>사용전압</td><td>DC 24V</td></tr><tr><td>소비전력</td><td>1.5W</td></tr><tr><td>외형규격</td><td>483(W) x 44(H) x 273(D) mm</td></tr></table>	차일주파수	440Hz, 554Hz, 650Hz, 880Hz	사이렌주파수	520Hz (1음) 연속 ±20sec (3음)파상 ±30sec	음력레벨	0dB Unbalanced	사용전압	DC 24V	소비전력	1.5W	외형규격	483(W) x 44(H) x 273(D) mm																
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외형규격	483(W) x 44(H) x 273(D) mm																																																																					
POWER AMPLIFIER	RELAY GROUP	TERMINAL BOARD	POWER DISTRIBUTOR	CHIME / SIREN																																																																		
 FRONT VIEW * Specifications <table><tr><td>Frequency response</td><td>20 Hz to 20 kHz, +0.5 dB</td></tr><tr><td>THD+N</td><td><0.005% at 0 dBu, 1 kHz</td></tr><tr><td>Gain range</td><td>0 dB to 50 dB (Mid)</td></tr><tr><td>A/D & D/A converters</td><td>24-bit</td></tr><tr><td>DIMENSION</td><td>492mm x 417 mm x 72 mm</td></tr><tr><td>Weight</td><td>5.9 kg</td></tr></table>	Frequency response	20 Hz to 20 kHz, +0.5 dB	THD+N	<0.005% at 0 dBu, 1 kHz	Gain range	0 dB to 50 dB (Mid)	A/D & D/A converters	24-bit	DIMENSION	492mm x 417 mm x 72 mm	Weight	5.9 kg	    FRONT VIEW TOP VIEW REAR VIEW * Specifications <table><tr><td>영상 크기 / 유효픽셀</td><td>1/2.8" Bump CMOS / 238만화소</td></tr><tr><td>광학 줌 / 디지털 줌</td><td>광학 20배 / 디지털 12배</td></tr><tr><td>원주 초점거리</td><td>f=4.7 mm ~ 94 mm (F1.6 ~ F3.5)</td></tr><tr><td>최저조도</td><td>1.0Lux(F1.6(광학)), 0.01Lux(F1.6(디지털))</td></tr><tr><td>평 / 틸트 각도</td><td>±170° / -30° ~ +90°</td></tr><tr><td>전송률 프로토콜 제어</td><td>최대64대</td></tr><tr><td>제어 인터페이스</td><td>RS485, RS422, RS232</td></tr></table>	영상 크기 / 유효픽셀	1/2.8" Bump CMOS / 238만화소	광학 줌 / 디지털 줌	광학 20배 / 디지털 12배	원주 초점거리	f=4.7 mm ~ 94 mm (F1.6 ~ F3.5)	최저조도	1.0Lux(F1.6(광학)), 0.01Lux(F1.6(디지털))	평 / 틸트 각도	±170° / -30° ~ +90°	전송률 프로토콜 제어	최대64대	제어 인터페이스	RS485, RS422, RS232	  FRONT VIEW REAR VIEW * Specifications <table><tr><td>Video Input</td><td>8 HDMI, 2 SDI(동시 8ch)</td></tr><tr><td>Video PGM Output</td><td>3 HDMI</td></tr><tr><td>Video AUX Output</td><td>1 HDMI, 2 SDI</td></tr><tr><td>HDMI Signal Format</td><td>1080p, 1080i, 720p(50/60/59.94)</td></tr><tr><td>SDI Signal Format</td><td>1080i, 720p(50/60/59.94)</td></tr><tr><td>OS</td><td>Windows 10, 64bit Mode</td></tr><tr><td>Dimensions(WxHxD)</td><td>430(W)x88(H)x390(D)mm</td></tr><tr><td>Weight</td><td>8.5kg</td></tr></table>	Video Input	8 HDMI, 2 SDI(동시 8ch)	Video PGM Output	3 HDMI	Video AUX Output	1 HDMI, 2 SDI	HDMI Signal Format	1080p, 1080i, 720p(50/60/59.94)	SDI Signal Format	1080i, 720p(50/60/59.94)	OS	Windows 10, 64bit Mode	Dimensions(WxHxD)	430(W)x88(H)x390(D)mm	Weight	8.5kg	 FRONT VIEW * Specifications <table><tr><td>사용주파수범위</td><td>54 ~ 864MHz</td></tr><tr><td>변조방식</td><td>QPSK</td></tr><tr><td>인력전압</td><td>AC 240V 50/60Hz</td></tr><tr><td>소비전력</td><td>MAX 15W</td></tr><tr><td>크기(W x H x D)</td><td>432(484) x 44 x 250 mm</td></tr><tr><td>무게</td><td>2.0 kg</td></tr></table>	사용주파수범위	54 ~ 864MHz	변조방식	QPSK	인력전압	AC 240V 50/60Hz	소비전력	MAX 15W	크기(W x H x D)	432(484) x 44 x 250 mm	무게	2.0 kg	 FRONT VIEW * Specifications <table><tr><td>사용주파수범위</td><td>5.75~1002MHz</td></tr><tr><td>변조방식</td><td>RF</td></tr><tr><td>인력전압</td><td>BNC</td></tr><tr><td>산인손실</td><td>13이하</td></tr><tr><td>크기(W x H x D)</td><td>482 x 44 x 350 mm</td></tr><tr><td>무게</td><td>3.2 kg</td></tr></table>	사용주파수범위	5.75~1002MHz	변조방식	RF	인력전압	BNC	산인손실	13이하	크기(W x H x D)	482 x 44 x 350 mm	무게	3.2 kg
Frequency response	20 Hz to 20 kHz, +0.5 dB																																																																					
THD+N	<0.005% at 0 dBu, 1 kHz																																																																					
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AUDIO MIXER	PTZ CAMERA/CONTROLLER	HD VIDEO SWITCHER	REMODULATOR	COMBINER / DIVIDER																																																																		



교내 전관방송설비/ CATV 및 스튜디오 설비 EQUIPMENT DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청령을 그린다
경기도교육청 공약제보(031-249-0999)
NOTE

REL.	OUTC	DESCRIPTION	DI	DI	APP



(주)에이플러스건축사사무소
TEL. 02-6580-0401 FAX. 02-6580-1277

주요	주요	주요
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성
신뢰성	신뢰성	신뢰성

교내 전관방송설비/
CATV 및 스튜디오 설비
EQUIPMENT DETAIL

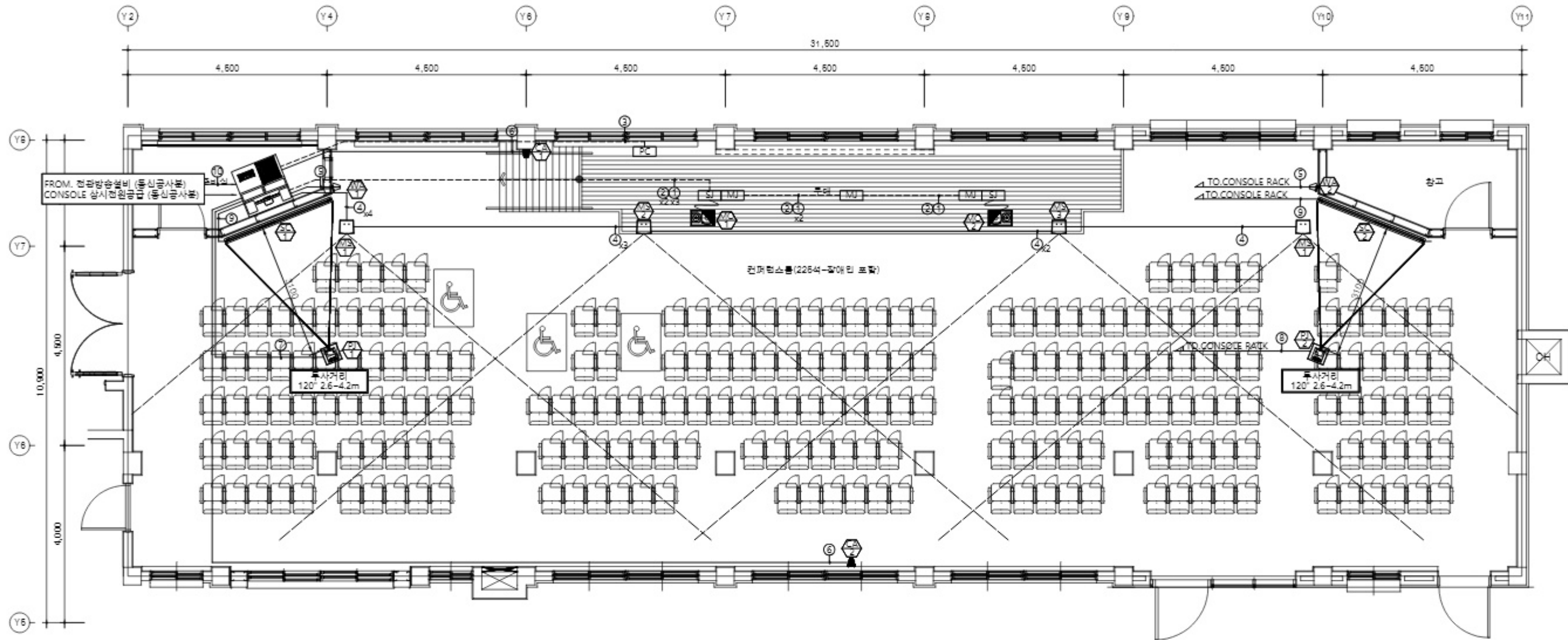
APPROVAL DATE	2024. 09.	APPROVAL	김종우
PROJECT NO.	-	DESIGNED BY	김철식
DESIGN DATE	-	DRAWER	-
STUD	A1: 1/NONE A3: 1/NONE		
DESIGN NO.	ET-506	REL.	00



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청력을 그린다
경기도교육청 공약제보(031-249-0999)
NOTE



EQUIPMENT LIST

구분	품명	규격	설치 형태	비고
	SPEAKER	400W	WALL	MS 1-4
	STAGE MONITOR SPEAKER	350W	FLOOR	MO 1-2
	W/L ANT.	900Hz	WALL	WL 1-2
	HD CAMERA	HD	WALL	CA 1-2
	PROJECTOR	5,200 ANSI	CEILING	PJ 1-2
	전통 SCREEN	120"	CEILING	SC 1-2
MI	MIC JACK BOX	2CH	FLOOR	MB 1-3
SJ	SPEAKER JACK BOX	2CH	FLOOR	SB 1-2
PC	PC JACK PLATE	HDMI, AUDIO, AC	WALL	PC 1
	CONSOLE RACK	28BAY	FLOOR	CONSOLE RACK
----	바닥배관배선			
----	천정배관배선			

- * 벽면에 설치되는 장비들은 현장 여건에 따라 높이가 다소 변동 될 수 있음.
- * 배관배선은 통신공사물이며,
- * 현장 협의에 의해 배관, 배선의 타일은 변경 될 수 있음.
- * AV설비 전원은 통신공사물.
- * 접지는 방송용 단독접지 또는 원점지 단자함에서 직접연결 요청.

번호	배관 배선	종류	비고
①	L-2T2S x 2L (22C)	MIC LINE	MIC JACK BOX <--> CONSOLE DESK
②	2S11F x 1L (28C)	SPEAKER LINE	SPEAKER JACK BOX <--> CONSOLE DESK
③	L-2T2S x 2L (22C)	AUDIO LINE	PC JACK PLATE <--> CONSOLE DESK
	HDMI OPTICAL CABLE x 1L (16C)	HDMI LINE	
	VCTF 2.5mm/3C x 1L (28C)	POWER LINE	
④	2S14F x 1L (28C)	SPEAKER LINE	MAIN SPEAKER <--> CONSOLE DESK
⑤	L-5D2V x 1L (22C)	W/L ANT LINE	W/L ANTENNA <--> CONSOLE DESK
⑥	L-4.5CHD x 1L (22C)	VIDEO LINE	CAMERA <--> CONSOLE DESK
	UTP CAT 6-4P x 1L (16C)	CONTROL LINE	
	VCTF 2.5mm/3C x 1L (28C)	POWER LINE	
⑦	HDMI OPTICAL CABLE x 1L (16C)	VIDEO LINE	PROJECTOR <--> CONSOLE DESK
	VCTF 2.5mm/3C x 2L (36C)	POWER LINE	
⑧	UTP CAT 6-4P x 1L (16C)	VIDEO LINE	PROJECTOR <--> CONSOLE DESK
	VCTF 2.5mm/3C x 2L (36C)	POWER LINE	
⑨	VCTF 2.5mm/3C x 1L (28C)	POWER LINE	SCREEN <--> CONSOLE DESK
⑩	F-FR3 2.5SQ 5C x 1L (22C)	전광방송 영동	전광방송/CATV설비 <--> CONSOLE DESK
	RF CABLE x 1L (28C)	RF LINE	

1 지상3층 컨퍼런스룸 AV설비 평면도
SCALE A1 : 1/50
A3 : 1/100

REV.	DATE	DESCRIPTION	BY	CHK	APP

PLUS

(주)에이플러스건축사사무소
TEL. 02-6080-0401 FAX. 070-4728-7277

주최	주최부	주최부
주최	주최부	주최부
주최	주최부	주최부
주최	주최부	주최부
주최	주최부	주최부
주최	주최부	주최부
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주최	주최부	주최부
주최	주최부	주최부
주최	주최부	주최부

지상3층 컨퍼런스룸 AV설비
평면도

APPROVAL DATE	2024. 09.	APPROVAL	김동주
PROJECT NO.	-	DESIGNED BY	김동주
DESIGN DATE	-	DRAWN	-
STUD	A1: 1/50	A3: 1/100	
DESIGN NO.	ET-504	REV.	00



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청령을 그린다
경기도교육청 공약제보(031-249-0999)
NOTE

REV.	DATE	DESCRIPTION	BY	CHK	APP
1					
2					

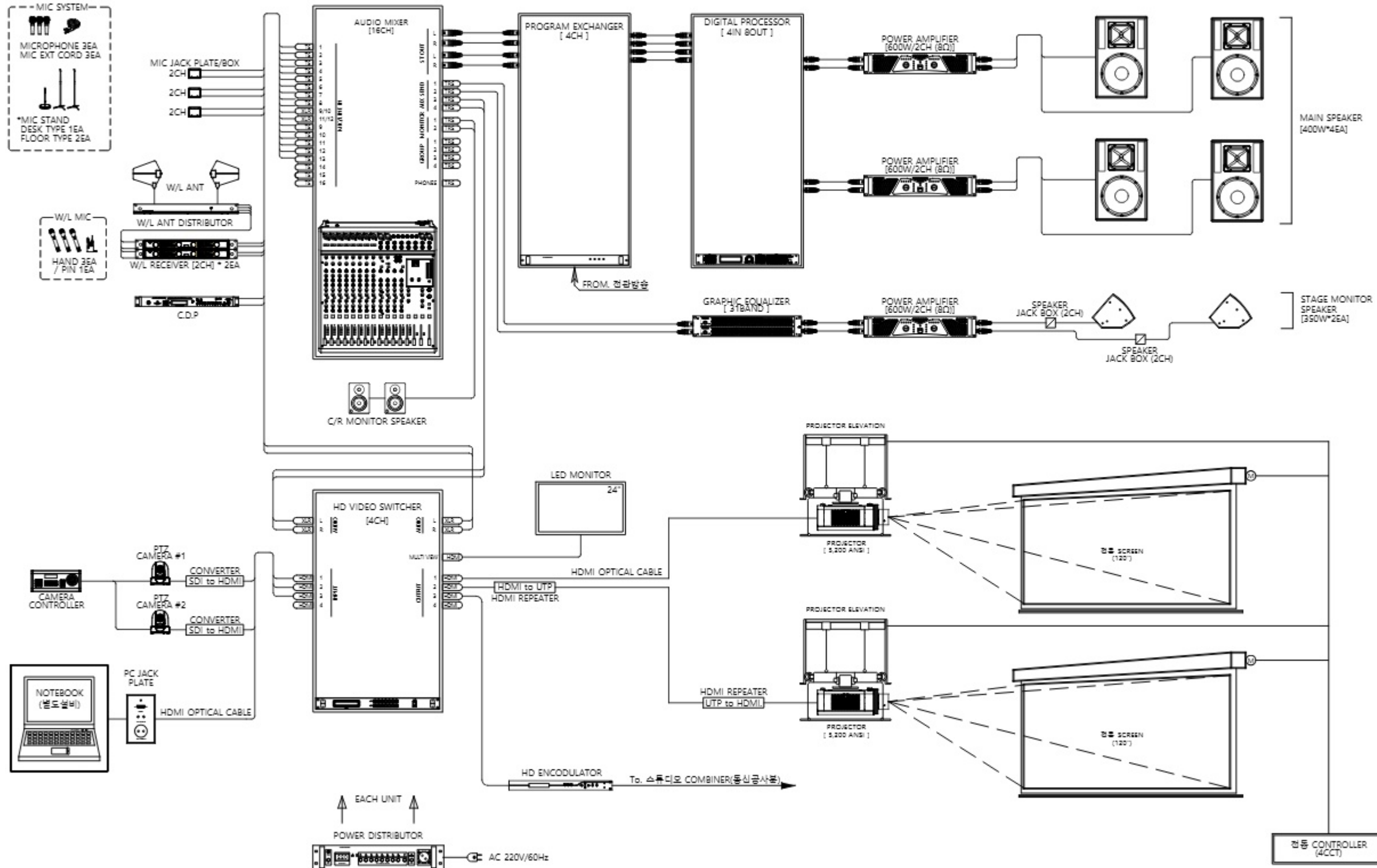
PLUS

(주)에이플러스건축사사무소
TEL. 02-6080-0401 FAX. 070-4728-7277

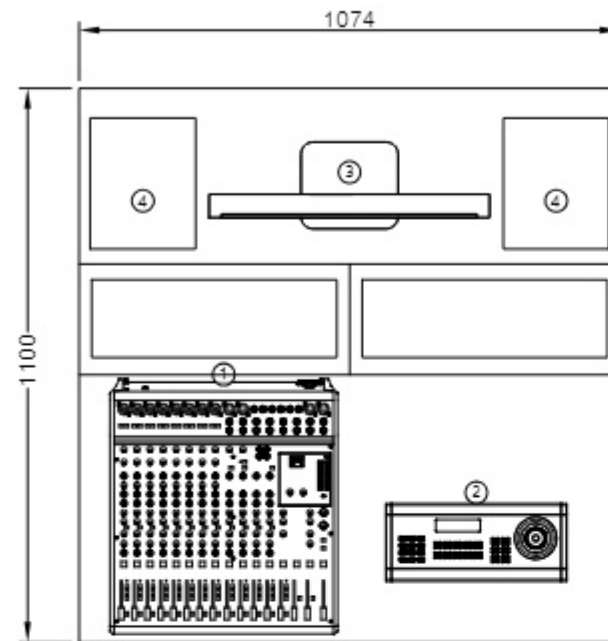
주주	주주	주주
대표이사	대표이사	대표이사
대표이사	대표이사	대표이사
대표이사	대표이사	대표이사
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지상3층 컨퍼런스룸 AV설비
BLOCK DIAGRAM

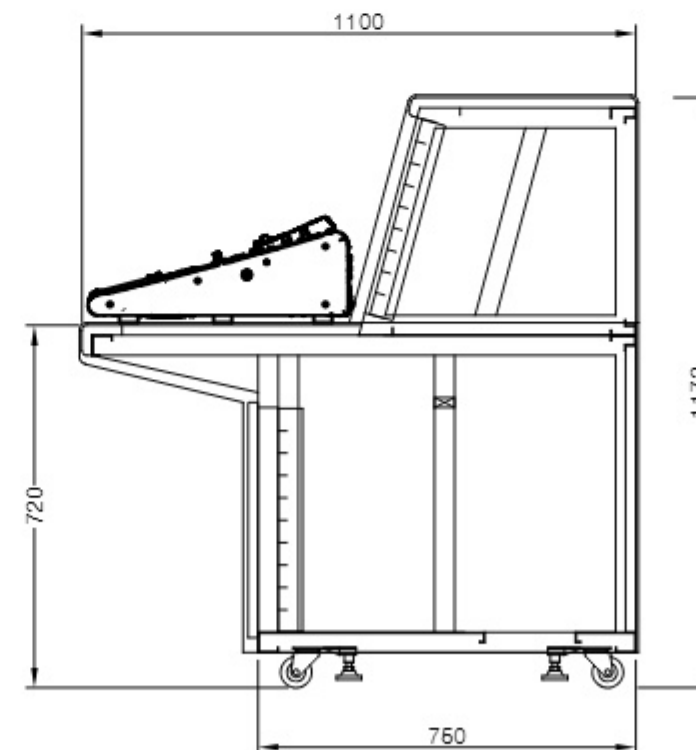
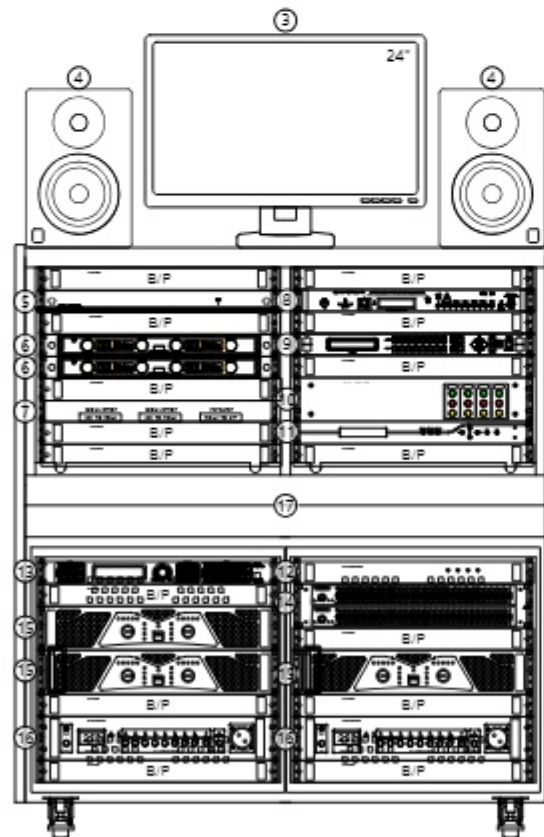
APPROVAL DATE	2024. 09.	APPROVED	김동우
PROJECT NO.	-	DESIGNED BY	김철식
REVISION DATE	-	DRAWN	-
SCALE	A1: 1/NONE A3: 1/NONE		
PROJECT NO.	ET-506	REV.	00



지상3층 컨퍼런스룸 AV설비 BLOCK DIAGRAM
SCALE A1: 1/NONE A3: 1/NONE



NO	DESCRIPTION	QTY	REMARK
1	AUDIO MIXER	1	16CH
2	PTZ CAMERA CONTROLLER	1	컨트롤러
3	LED MONITOR	1	24"
4	C/R MONITOR SPEAKER	2	POWERED
5	W/L ANT DISTRIBUTOR	1	900MHz
6	WIRELESS RECEIVER (2CH)	2	900MHz
7	HDMI REPEATER	1	HDMI/UTP
	CONVERTER	2	SDI TO HDMI
8	C.D.P	1	1CD/AM/FM/USB
9	HD VIDEO SWITCHER	1	4x4
10	전동 CONTROLLER	1	4CCT
11	HD ENCODULATOR	1	HD
12	PROGRAM EXCHANGER	1	4IN 4OUT
13	DIGITAL PROCESSOR	1	4IN 8OUT
14	GRAPHIC EQUALIZER	1	31BAND
15	POWER AMPLIFIER	3	600W/2CH (8Ω)
16	POWER DISTRIBUTOR	2	220V
17	CONSOLE DESK	1	28AY
-	BLANK PANEL	15	1U



1 지상3층 컨퍼런스룸 AV설비 RACK DETAIL
SCALE A1: 1/NONE
A3: 1/NONE



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청역을 그린다
경기도교육청 공약제보(031-249-0999)
NOTE

REV.	DATE	DESCRIPTION	BY	CHK	APP
△					
△					
△					

PLUS

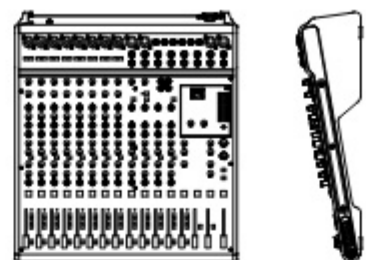
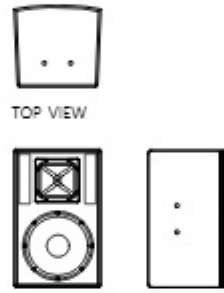
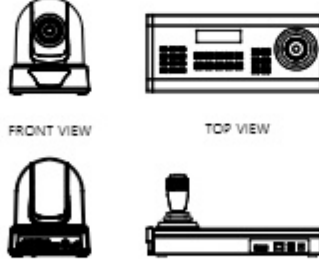
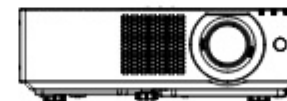
(주)에이플러스건축사사무소
TEL. 02-8880-0401 FAX. 070-4728-7277

주요	주주주	T: 02-501-0154 F: 02-501-0142
대표	신환이/김세	T: 010-5890-9761 F: -
고급	한정	T: 02-8488-1220 F: 02-8488-1228
기타설계	서환이/김세	T: 02-2009-8640 F: 02-2009-8625
총무/소방설계	서동훈/한기을	T: 02-2206-5074 F: 02-485-0180

SH-1008702

지상3층 컨퍼런스룸 AV설비
RACK DETAIL

APPROVAL DATE	2024. 09.	APPROVED	김종우
PROJECT NO.	-	DESIGNED BY	김철식
DESIGN DATE	-	DRAWN	-
STUD	A1: 1/NONE A3: 1/NONE		
DESIGN NO.	ET-506	REV.	00

 FRONT VIEW * Specifications <table><tr><td>Carrier frequency range</td><td>UHF 925-937.5 MHz</td></tr><tr><td>Combined frequency response</td><td>40Hz-18kHz(±3dB)</td></tr><tr><td>Oscillation mode</td><td>PUL phase-locked frequency synthesizer</td></tr><tr><td>RF tuning step</td><td>25kHz</td></tr><tr><td>Radio-Frequency sensitivity</td><td>Input 60dBμV, S/N >80dB</td></tr><tr><td>Working range</td><td>직접거리 100m</td></tr><tr><td>T.H.D</td><td><0.5% @1kHz</td></tr><tr><td>DIMENSION (W x H x D)</td><td>410 x 44 x 210 ±10mm</td></tr></table>	Carrier frequency range	UHF 925-937.5 MHz	Combined frequency response	40Hz-18kHz(±3dB)	Oscillation mode	PUL phase-locked frequency synthesizer	RF tuning step	25kHz	Radio-Frequency sensitivity	Input 60dBμV, S/N >80dB	Working range	직접거리 100m	T.H.D	<0.5% @1kHz	DIMENSION (W x H x D)	410 x 44 x 210 ±10mm	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Transmitter power</td><td>< 10mW</td></tr><tr><td>Sensitivity</td><td>-60dB±1.5dB at 1kHz(0dB=1V/1Pa)</td></tr><tr><td>THD</td><td>1.8% /10Hz 94dB/SPL</td></tr><tr><td>IMPEDANCE</td><td>600Ω±15% at 1kHz</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>530 x 262mm±10mm</td></tr><tr><td>Weight</td><td>385g</td></tr></table>	Frequency range	925-937.5 MHz	Transmitter power	< 10mW	Sensitivity	-60dB±1.5dB at 1kHz(0dB=1V/1Pa)	THD	1.8% /10Hz 94dB/SPL	IMPEDANCE	600Ω±15% at 1kHz	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	530 x 262mm±10mm	Weight	385g	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Frequency response</td><td>120Hz-17kHz</td></tr><tr><td>Sensitivity</td><td>-47dB±3dB(0dB=1V/pa at 1kHz)</td></tr><tr><td>Connector</td><td>4-pin mini XLR</td></tr><tr><td>IMPEDANCE</td><td>600Ω</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>75(L) x 62(W) x 24(H)mm±10mm</td></tr><tr><td>Weight</td><td>80g</td></tr></table>	Frequency range	925-937.5 MHz	Frequency response	120Hz-17kHz	Sensitivity	-47dB±3dB(0dB=1V/pa at 1kHz)	Connector	4-pin mini XLR	IMPEDANCE	600Ω	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	75(L) x 62(W) x 24(H)mm±10mm	Weight	80g	 FRONT VIEW * Specifications <table><tr><td>주파수 특성</td><td>10Hz ~ 20kHz</td></tr><tr><td>T.H.D (20Hz~1KHz)</td><td>Less than 0.03%</td></tr><tr><td>Sensitivity</td><td>FM : 2μV / MW : 25dBμV</td></tr><tr><td>소 비 전 력</td><td>13W</td></tr><tr><td>사 용 전 압</td><td>AC 230V / 50Hz / DC24V</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 260(D)mm</td></tr></table>	주파수 특성	10Hz ~ 20kHz	T.H.D (20Hz~1KHz)	Less than 0.03%	Sensitivity	FM : 2μV / MW : 25dBμV	소 비 전 력	13W	사 용 전 압	AC 230V / 50Hz / DC24V	DIMENSION	483(W) x 44(H) x 260(D)mm	 FRONT VIEW SIDE VIEW * Specifications <table><tr><td>입력채널</td><td>16CH(B mono + 4 stereo)</td></tr><tr><td>FREQUENCY RESPONSE</td><td>20 Hz ~ 48 kHz</td></tr><tr><td>CROSSTALK(1kHz)</td><td>-78dB</td></tr><tr><td>PHANTOM POWER</td><td>+48V</td></tr><tr><td>외형규격</td><td>444(W) x 130(H) x 500(D) mm</td></tr><tr><td>규 격</td><td>MG15XU</td></tr></table>	입력채널	16CH(B mono + 4 stereo)	FREQUENCY RESPONSE	20 Hz ~ 48 kHz	CROSSTALK(1kHz)	-78dB	PHANTOM POWER	+48V	외형규격	444(W) x 130(H) x 500(D) mm	규 격	MG15XU
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지상3층 컨퍼런스룸 AV설비 EQUIPMENT DETAIL
SCALE A1 : 1/NONE
A3 : 1/NONE



평택고 공간재구조화
증개축 및 리모델링 설계용역



설계도에 청령을 그린다
경기도교육청 공약제보(031-249-0999)
NOTE

REV.	DATE	DESCRIPTION	BY	CHK	APP
△					
△					
△					



주소	주주도	주주도
전화	02-601-0154	02-601-0145
팩스	010-5890-9761	-
대표	한정	한정
전화	02-6488-1220	02-6488-1229
팩스	02-2059-8640	02-2059-8625
이메일	seoulplus@naver.com	02-2059-8640
팩스	02-2059-8640	02-488-0180

지상3층 컨퍼런스룸 AV설비
EQUIPMENT DETAIL

APPROVAL DATE	2024. 09.	APPROVED	김동우
PROJECT NO.	-	DESIGNED BY	김철식
DESIGN DATE	-	DRAWN	-
SCALE	A1: 1/NONE A3: 1/NONE		
DESIGN NO.	ET-506	REV.	00