

반월아트홀 무대기술자료

Banweol Art Hall

Main Theater

Technical Data



1. General Information

이름 Name	재단명 Name of Foundation	(재)포천문화관광재단 Pocheon Cultural & Tourism Foundation	
	극장명 Name of Theatre	반월아트홀 대극장 Banweol Art Hall Main Theater	
일반 General	주소 Address	경기도 포천시 군내면 청성로 111 포천반월아트홀 111, Cheongseong-ro, Gunnae-myeon, Pocheon-si, Gyeonggi-do, Korea	우편번호 (Zip Code) 11151
	홈페이지 Homepage	https://www.pcfac.or.kr	
	개관일 Opened on	19 Oct 2003	
	재단법인 설립일 Foundation Establishment	23 June 2021	
	운영 주체 Governing Body	Pocheon Cultural & Tourism Foundation	
	극장 형식 Type of Theatre	Proscenium Arch	
	객석 형식 Type of Seating	Continental Seating Plan	
	객석 규모 Seating Capacity	910(General 900, Disabled Seats 10)	
	대표전화 (General Phone)	82-031-535-3600	
	대표 이메일 (Email)	bizboxa_gpcfac_c1000_d1219@pcf.ac.or.kr	

2. Staff and Telephone

Staff	무대감독 Stage Manager		☎ 82-031-535-3617	
	조명감독 Lighting Director		☎ 82-031-535-6931	
	음향감독 Sound Director		☎ 82-031-535-6932	
	하우스 매니저 House Manager		☎ 82-031-535-3604	

3. Working Policy				
		부터 From	까지 To	Remarks
작업시간 Working Hours	오전 A. M.	09:00 or 10:00	12:00	조정 가능 Flexible
	중식 Lunch Time	12:00	13:00	
	오후 P. M.	13:00	17:00 or 18:00	
	석식 Dinner Time	17:00 or 18:00	18:00 or 19:00	
	야간 Night Time	18:00 or 19:00	22:00	
소방규정 Firepro of Policy	방화막 구역 확보 You must secure a smog pocket. 화약류 및 화기 사용시 극장 측과 협의 후 결정 Use of any gunpowder or fire should be consulted with and approved by the theatre in advance. 무대장치에 대한 방염처리 및 방염필증 제출 및 안전검사 실시 Inflammable sets should be treated with fireproof and be certified. Safety inspections are necessary.			
객석운영 방침 Audience Policy	객석 개방시각 House Opening Time	공연 시작 30분 전 협의 가능 30 minutes before the performance (Consultation with the company)		
	입석방침 Standee Policy	불가 No		
	지연입장 방침 Late Comers Policy	협의 후 결정 Consultation with the company		
	사진촬영 방침 Photographing Policy	협의 후 결정 Consultation with the company		
로비 Lobby	매표소 Box Office	Ok		
	물품보관소 Cloak Room	Ok		
	디스플레이 방침 Display Policy	Poster, Standing banner, Placard Consultation with the company		
	공연 모니터 Show Monitor Screen	1F		
주차 parking	주차용량 Capacity	223(장애인용 5, 전기차 5, 경차 4 포함)		
	주차방침 Parking Polly	09:00~22:00 반입구쪽 스태프 주차장 별도(무대감독과 협의) Parking on the loading dock for staffs (Consultation with venue)		

4. Dressing Rooms

방 이름 Name of Room	층 Floor	위치 Location	수용인원 Capacity	샤워 Shower	화장실 Toilet	싱크대 Sink	Piano	Remarks
Personal	1	1st floor hallway under the stage	1~2	Ok	Ok	Ok	Ok	6 personal lockers
Personal	1							
Group	1		15~18	No	No	No	Ok	18 personal lockers
Group	1						No	

5. Rehearsal Rooms

방 이름 Name of Room	층 Floor	면적 Size(mm)	바닥 Finish	거울 Mirror	비품 Furniture	Piano	발레 바 Ballet Barre	Remarks
Rehearsal Rooms	1	97.9m ² (10.2m*9.6m)	Parquet Floor Maple	Ok		Ok	Ok	

Location : 1st floor hallway under the stage.

Consultation with the company

6. Loading Dock

위치(무대기준) Location from Stage	Right side stage	
차량크기 Size of Truck	5 ton Truck	
반입단 너비 Loading Platform Width	3,420mm	
반입단 높이 From Ground to Loading Platform Height	1,070mm	
반입문 높이 Loading Door Height (mm)	3,450mm	

7. Stage Key Dimensions

높이(영점 선부터) Height from Zero Plane	프로시니엄 높이(mm) Proscenium Height(mm)	9,000mm	
	무대 바닥에서 그리드 밑면 from stage floor to Underside of Grid	21,800mm	
	그리드 상부공간 Height above Grid	2,200mm	
	Batten & Fly bar 상한고 Max Batten out Height	19,100mm	
	Batten & Fly bar 하한고 Min Batten in Height	800mm	
	객석바닥 to Audience Level	-850mm	
너비(중심 선부터) Width from Center Line	프로시니엄 아치 폭(mm) Proscenium Width(mm)	8,564mm	17,128mm
	무대 좌측 갤러리 to Left Fly Gallery	13,072mm	
	무대 우측 갤러리 to Right Fly Gallery	13,018mm	
	장치봉 끝 to End of Batten & Fly bar	10,000mm	20,000mm
깊이(영점 선부터) Depth from Zero Line	뒷무대 뒷벽선 to Back Wall Rear stage	14,000mm	
	첫 라인 세트(No.1 Fly Set Batten) to First Line Set(No.1 Fly Set Batten)	570mm	
	마지막 라인 세트(사이크로라마) to Last Line Set (to Cyclorama)	13,130mm	
	방화막 뒷선 to Back-side of Fire curtain	140mm	
	방화막 앞선 to Front-side of Fire curtain	70mm	
	Orchestra 피트 앞선 to Front of Orchestra Pit	-5,042mm	
	음향, 조명 부스 to Front F.O.H	-30,000mm	

8. Line Set Schedule											
No.	Item	길이 Length (m)	연장 길이 Extended to (mm)	두께 Thickness (mm)	허용 하중 S.W.L (Kg)	트러스 파이프 Truss or Pipe	Stroke (mm)	Operating Speed(sec)		Machinery Type	Remarks
								UP	DOWN		
-2	Top Light Batten	16	-	48.6	250	Pipe	-	-	-	Winch	
-1	Placard Batten	16	-		250	Pipe	-	-	-		
1	Safety Curtain	18	-	-	-	-	9.5	-	-		
2	Main Curtain	18	-	-	-	-	9.5	-	-	Winch	
3	No.1 Fly Set Batten	20	-	48.6	250	Pipe	19	-	-	Counter Weight	2:1 Roping
4	No.2 Fly Set Batten	20	-		250	Pipe	19	-	-		
5	No.1 Draw Curtain	25	-	-	-	-	-	-	-		
6	Top Masking Batten	20	-	48.6	250	Pipe	-	-	-	Counter Weight	2:1 Roping
7	No.1 Suspension Light Batten	20	-		250	Pipe	-	-	-		
8	No.3 Fly Set Batten	20	-		250	Pipe	19	-	-		
9	No.4 Fly Set Batten	20	-	48.6	250	Pipe	19	-	-	Counter Weight	2:1 Roping
10	No.2 Draw Curtain	25	-		-	-	-	-	-		
11	No.5 Fly Set Batten	20	-		250	Pipe	19	-	-		
12	Top Masking Batten	20	-	48.6	250	Pipe	-	-	-	Counter Weight	2:1 Roping
13	No.2 Suspension Light Batten	20	-		250	Pipe	-	-	-		
14	No.6 Fly Set Batten	20	-	-	250	Pipe	19	-	-	Counter Weight	2:1 Roping
15	No.7 Fly Set Batten	20	-	-	250	Pipe	19	-	-		
16	No.3 Draw Curtain	25	-	-	-	-	-	-	-	Winch	
17	No.3 Suspension Light Batten	20	-	-	-	Pipe	-	-	-	Weight	2:1
18	No.8 Fly Set Batten	20	-	48.6	250	Pipe	19	-	-	Winch	
19	No.4 Suspension Light Batten	20	-	-	-	Pipe	-	-	-	Weight	2:1
20	No.4 Draw Curtain	25	-	-	-	-	-	-	-	Weight	2:1

No.	Item	길이 Length (m)	연장 길이 Extended to (mm)	두께 Thickness (mm)	허용하중 S.W.L (Kg)	트러스 파이프 Truss or Pipe	Stroke (mm)	Operating Speed(Sec)		Machinery Type	Remarks
								UP	DOWN		
21	Upper Horizontal Light Batten	20	-	48.6	-	Pipe	-	-	-	Counter Weight	2:1 Roping
22	No.9 Fly Set Batten	20	-		-	Pipe	19	-	-		
23	No.10 Fly Set Batten	20	-		-	Pipe	19	-	-		
24	No.11 Fly Set Batten	20	-		-	Pipe	19	-	-		
25	Cyclorama(Black, front & rear screen)	23	-		-	-	-	-	-	Winch	
26	Cyclorama(Grey, front & rear screen)	23	-		-	-	-	-	-		

9. Stage Floor Machinery							
No.	ITEM	SIZE	Operating Speed(Sec)		Stroke (mm)	허용하중 Capacity	Remarks
			UP	DOWN			
1	No.1 Stage Lift 승강무대를 본무대로 하는 조합 (Elevator-based Stage Machinery)	12,000L*3,000W	-	-	8,400	Live Load 4,500kg Static Load 7,000kg	Screw Post Type
2	No.2 Stage Lift 승강무대를 본무대로 하는 조합 (Elevator-based Stage Machinery)	12,000L*3,000W	-	-	8,400	Live Load 4,500kg Static Load 7,000kg	
3	Orchestra Lift	14,134L*3,490W (46m ²)	-	-	4,200	Live Load 5,500kg Static Load 10,000kg	I-Lock Spiral lift Type

10. Stage Floor		
마감 Finish	No	Screw nail possible
재질 Material	단풍나무 쪽마루 Parquet Floor Maple	
쪽마루 폭(mm) Parquet Floor Width(mm)	60mm	
Color	Black	
무대 경사비율 Slope Stage Floor	0	
옆 무대 바닥 Side Stage Finish	본무대와 동일 Same Finish as the Stage	

11. Stage Manager's Desk		
Location	무대 오른쪽 Down Stage Right	
Intercom System	Ok	
Cue Light System	No	
Paging and Dressing Room Monitor	No	
Video Monitor System	Ok	
Walkie-talkie	10 available	

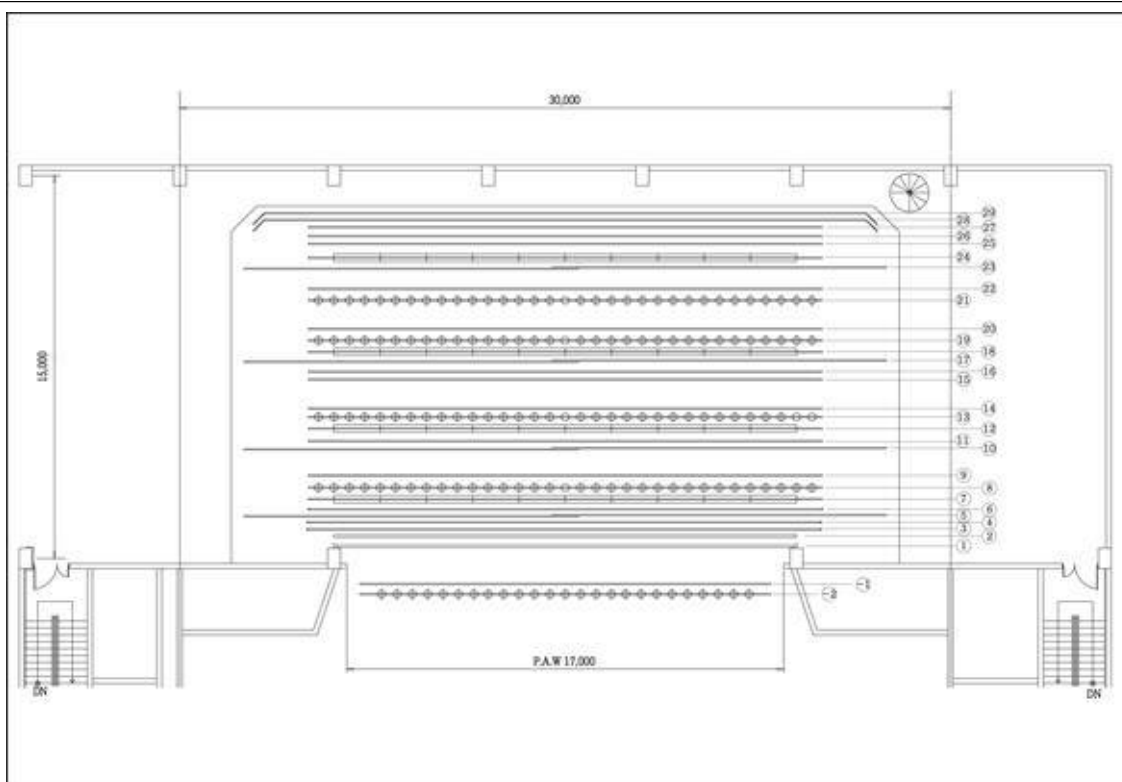
12. Stage Scenery List				
Item		Quantity	Size(mm)	Remarks
Screen	Black	1	20,000(W)*9,500(H)	Front & Rear gerriets
	Gray	1		
Scrim	Black	1		gerriets
	White	1		
Top Masking		3	20,000(W)*5,000(H)	
Wings		-	-	
Floor Mat		9	20,000(L)*1,600(W)	
Wood Rectangular Platform		20	300(W)*900(D)*150(H)	Main Theater Little theater shared -Top Material : Plywood -Frame Material : Lauan
		20	300(W)*1,200(D)*150(H)	
		25	300(W)*1,800(D)*150(H)	
		20	600(W)*600(D)*150(H)	
		20	600(W)*900(D)*150(H)	
		20	600(W)*1,200(D)*150(H)	
		15	600(W)*1,800(D)*150(H)	
		15	600(W)*2,700(D)*150(H)	
		20	900(W)*900(D)*150(H)	
		30	900(W)*1,200(D)*150(H)	
		30	900(W)*1,800(D)*150(H)	
		20	900(W)*2,700(D)*150(H)	
		20	1,200(W)*1,200(D)*150(H)	
		20	1,200(W)*1,800(D)*150(H)	
		20	1,200(W)*2,700(D)*150(H)	
		15	1,800(W)*1,800(D)*150(H)	
		15	1,800(W)*2,700(D)*150(H)	
		150	300(W)*450(D)*150(H)	

Miscellaneous			
Gene Lift	1	Height of Work : 10.06m/159kg	max:11.9m
	1	Height of Work : 10.21m/272kg	max:12m
Hand Pallet Truck	1	Load capacity : 1,500kg	
Ladder	1	A Type, Height of Work : 6m	
Props Table	1	1,800(W)*750(D)*730(H)	-
Hanging Rack	3	900(W)*1,500(H)	-

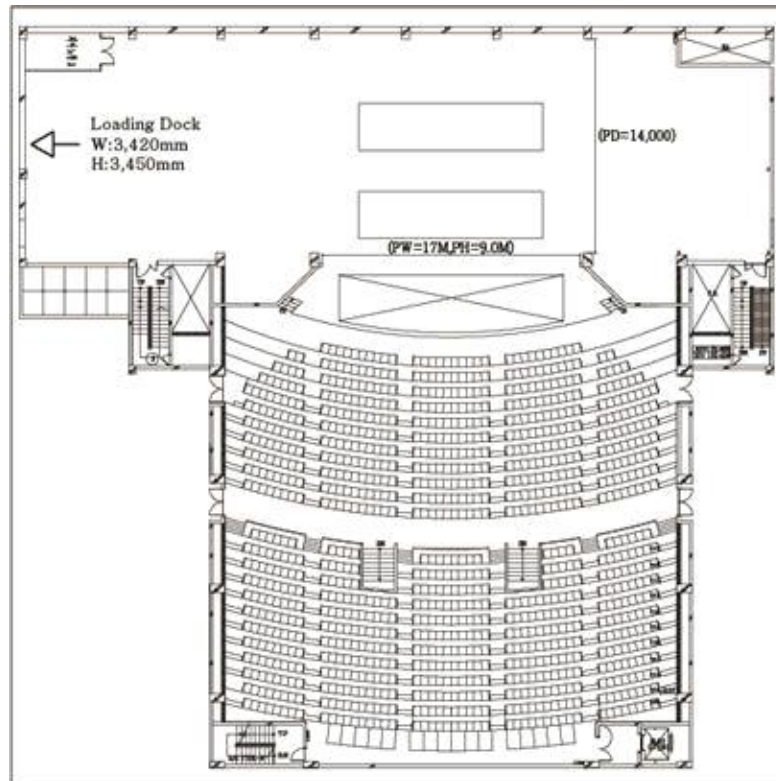
13. Musician's Assistant

Item	Quantity	Size(mm)	Remarks
Piano	1	YOUNG CHANG Grand 275	
	1	SAMICK Grand 227	
	1	SAMICK Grand 158	
	2	SAMICK Upright 601	
Conductor Podium	1	1,200(W)*1,000(D)*220(H)	Handrail
Conduct Music Stand	1	-	Main Theater Little theater shared
Music Stand	90	-	
Music Stand Light	30	Filament Light Bulb 220v/40watt	
Music Chairs	90	-	
C. Bass Chairs	10	-	

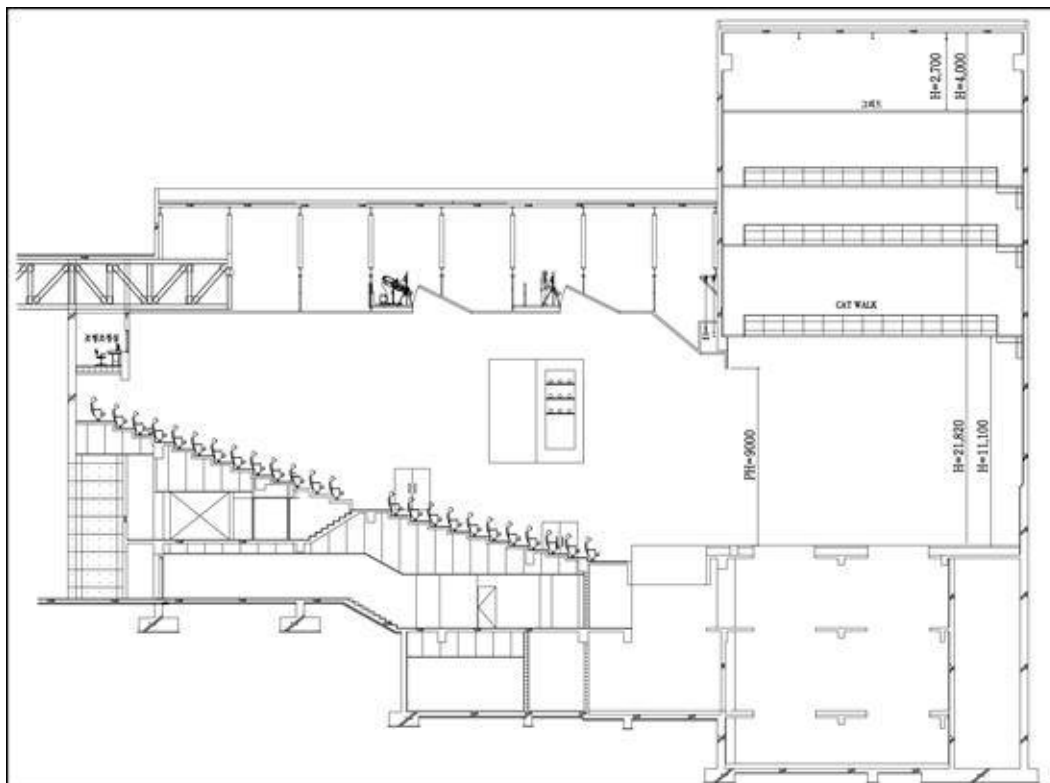
14. Plan



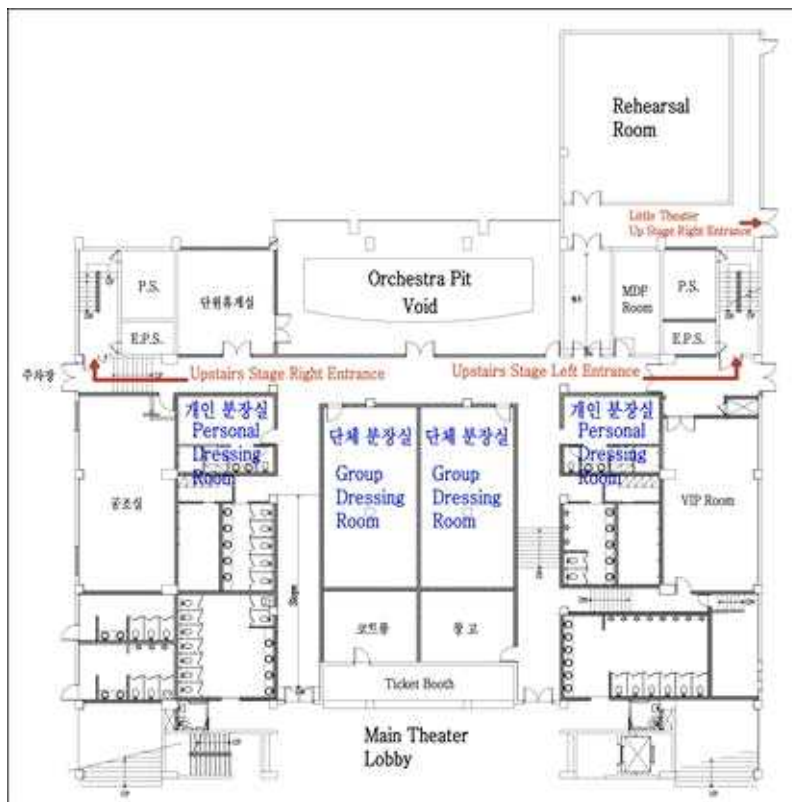
Line Set Schedule



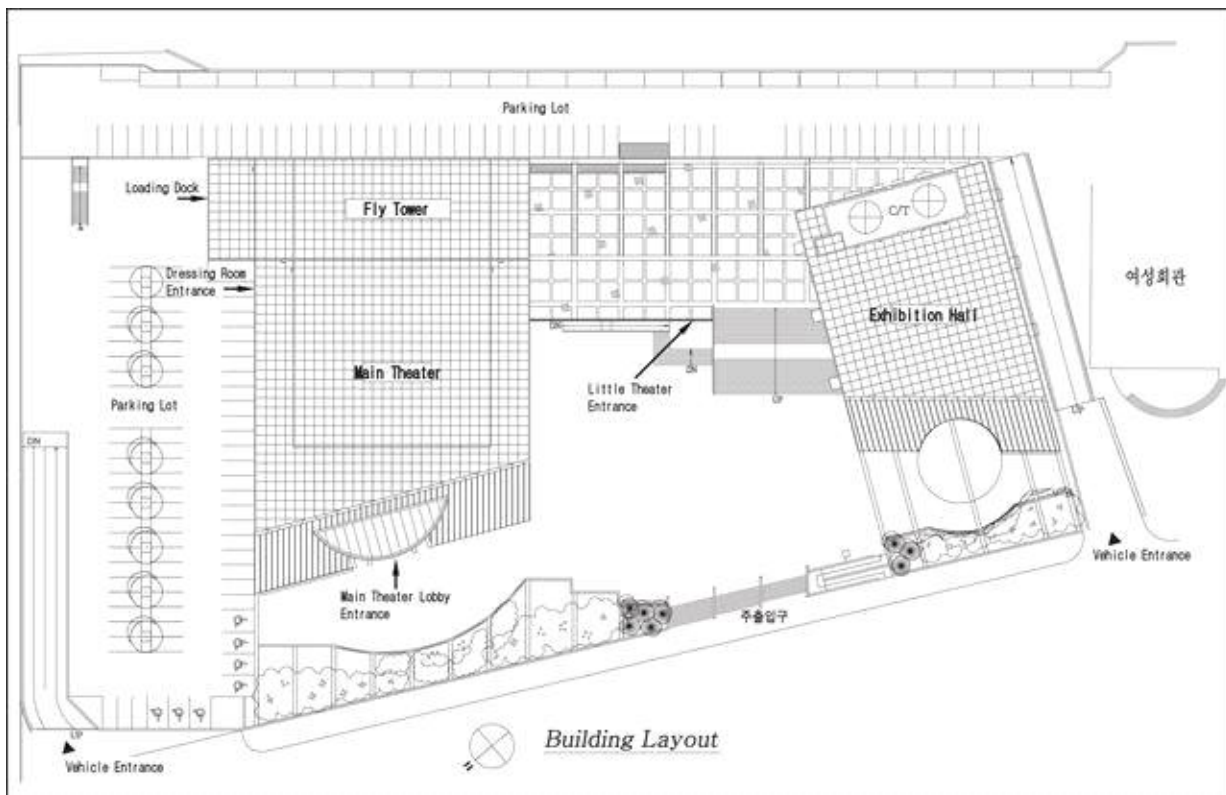
Stage Ground Plan



Stage Section



Dressing Room Ground Plan



Building Layout

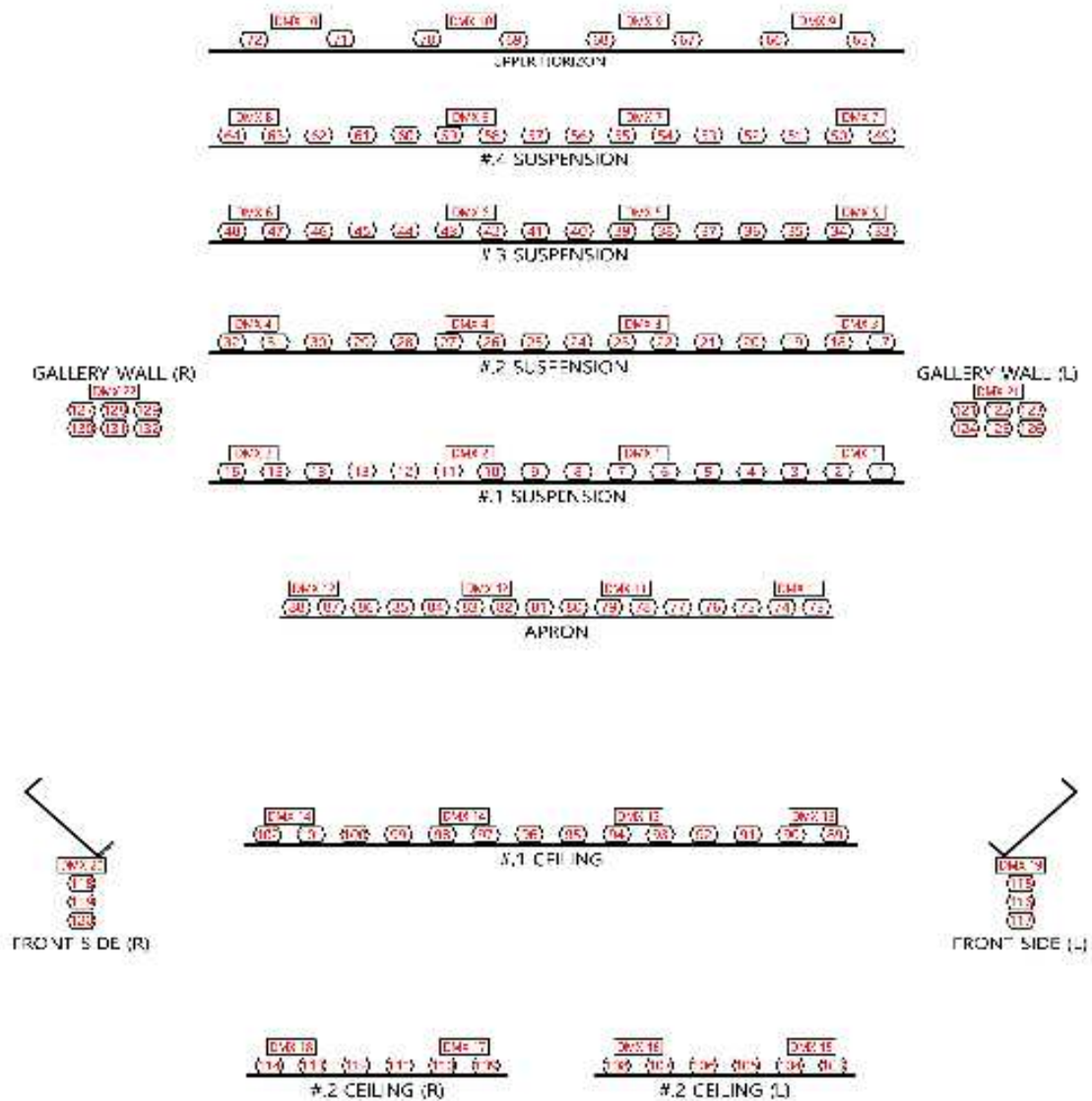
15. Lighting System Information				
콘솔 Console	제조사(manufacturer)	ETC (USA)		
	모델명(Moder)	EOS APEX 10		
	Option 1	-		
	Option 2	-		
	출력회로수 (Q'ty Out Channels)	24576		
	DMX 포트수 (Q'ty of DMX Universe(Port))	8		
	Backup Console	ETC nomad Puck		
	객석 조명 입력 House Light Control	☒ 가(Yes)	☐ 불가(No)	
	외부인 조작 Equipment may be operated by technicians of the company	☒ 가(Yes)	☐ 불가(No)	
	객석 이동 Movability to the auditorium	☐ 가(Yes)	☒ 불가(No)	
	객석에서 사용 가능한 콘솔용 신호 DMX in the auditorium	☐ 있음(Yes)	☒ 없음(No)	
	객석 이동시 인터컴 Intercom in the auditorium	☐ 있음(Yes)	☒ 없음(No)	
디머 Dimmers	제조사(manufacturer)	ETC		
	모델명(Moder)	SENSOR3(ESR3)		
	고정회로 Fixed Dimmers	수 Quantity	용량 W	
		182	5kw	
	다이렉트 전환가능 Switch to the direct	☒ 가(Yes)	☐ 불가(No)	
	자유회로 Free Dimmers	수 Quantity	용량 W	
		No	No	
	외부장비 연결 Can be connected to the board of the company	☒ 가(Yes)	☐ 불가(No)	
	여분의 DMX 단자 Extra DMX Connections	☒ 가(Yes)	☐ 불가(No)	
	RD Remote Direct	수 Quantity	용량 W	
		27	5kw	
보조전원 Auxiliary Power Supply	Location	수 Quantity	용량 W	
	Panel, Front wall of down right side stage	1	300A	3Phase 4wire

16. Lighting Equipment List						
Type	Quantity	Manufacturer /Model	Capacity (W)	Color Frame Size	Angle	Remarks
ERS	24	ETC LED SERIES 3 LUSTR X8	305w	6.25"	26°	#.2 Ceiling
	24	ETC Source 4WRD Color II	146w	6.5"	19°	C#.1 Ceiling
	10			7.5"	26°	
Moving Light	6	Elation Artiste Picasso	1,000w	-	7°~55°	
	12	ERA 800 Performance	800w	-	7°~56°	
	18	ROBE Robin Tarrantula	1,000w	-	4°~55°	
	16	US COLORado PXL Curve 12	LED 790w	-	-	
Follow Spotlight	2	France ARTHUR-1014	960w	8"	5°~15°	Ceiling Room 2
Special Effects Devices						
Fog Machine	1	UNIQUE 2.1	1,500w	-	-	
	1	VIPER 2.6	2,600w	-	-	
Accessory						
Iris	5	ETC	-	-	-	
Gobo Holder	30	ETC	-	-	-	
Hardware						
Stand	10	300mm	-	-	-	
	10	1,000mm				

17. Light Position (Upper)

포천반월아트홀 대공연장 무대조명 회로도 (상부)

SCALE : A3 = 1 / 150



HOUSE LIGHT 301 ~ 434

18. Light Position (Lower)

포천반월아트홀 대공연장 무대조명 회로도 (하부)

SCALE : A3 = 1 / 150

WALL POCKET (R)

DMX 24
137 138
139 140

WALL POCKET (L)

DMX 23
133 134
135 136

#.6 FLOOR POCKET (R)

162 163 164 165

#.6 FLOOR POCKET (L)

176 177 178 179

#.5 FLOOR POCKET (R)

173 174 175 DMX 28

#.5 FLOOR POCKET (L)

DMX 27 171 172 169

#.4 FLOOR POCKET (R)

168 169 170

#.4 FLOOR POCKET (L)

165 166 167

#.3 FLOOR POCKET (R)

162 163 164

#.3 FLOOR POCKET (L)

156 157 158

#.2 FLOOR POCKET (R)

156 157 158 DMX 26

#.2 FLOOR POCKET (L)

DMX 25 153 154 151

SUB POWER PANEL 2
DMX 32

#.1 FLOOR POCKET (R)

150 151 148 149

#.1 FLOOR POCKET (L)

148 149 147 147

SUB POWER PANEL 1

DMX 29

OR FLOOR POCKET (R)

142 143 144

OR FLOOR POCKET (L)

143 142 141

19. Sound System Information					
Item	Type / Manufacturer / Model	Input (ch)	Output (ch)	Quantity	Remarks
콘솔 Console	Digital/Avid/S6L-32D	144	80	1	
Effect Out Board Equipment	-	-	-	-	
Reproduction Devices	-	-	-	-	
Recorder/ Editor	-	-	-	-	
Intercom System	Main Station/Clear-com /MS-702	-	-	1	
	Belt Pack/Clear-com /BP-210	-	-	5	
	Headset/Clear-com /HS-15	-	-	5	
Multi Patch	Downstage Left/Right				
	MIC 24 Channels XLR(F,M) Link, 12Ch Multi 1EA		Fiber Optical(Opticalcon) 4EA		
	Ethernet(Ethercon) 4EA		Coaxial(BNC) 4EA		
	Speaker(Speakon) 6EA		HDMI 2EA		
	Power(Powercon) 1EA		AC Power Outlet(LEGRAND 220V) 1EA		
	Upstage Left/Right				
	MIC 24 Channels XLR(F,M) Link, 12Ch Multi 2EA		Fiber Optical(Opticalcon) 4EA		
	Ethernet(Ethercon) 4EA		Coaxial(BNC) 4EA		
	Speaker(Speakon) 6EA		HDMI 1EA		
	AC Power Outlet(LEGRAND 220V) 1EA				
	Orchestra Lift Left/Right				
	MIC 12 Channels Multi 2EA		Speaker(Speakon) 6EA		
	AC Power Outlet(LEGRAND 220V) 1EA				
	Floor DownStage Left/Center/Right				
	MIC 4 Channels XLR(F,M) Link		Speaker(Speakon) 4EA		
	Power(Powercon) 1EA				
	Gallery DownStage Left/Right				
	MIC 4 Channels XLR(F,M) Link		Ethernet(Ethercon) 1EA		
	Coaxial(BNC) 1EA		Speaker(Speakon) 2EA		
	AC Power Outlet(LEGRAND 220V) 2EA				
	Apron Left/Right				
	MIC 2 Channels XLR(F,M) Link		Power(Powercon) 2EA		
	AC Power Outlet(LEGRAND 220V) 1EA				

Auditorium System						
House Speaker						
Location		Main Speaker Left		Main Speaker Center	Main Speaker Right	
Manufacturer/Model		L-Acoustics/L2,L2D		L-Acoustics/Kara2	L-Acoustics/L2,L2D	
Quantity		L2 : 1 L2D : 1		8	L2 : 1 L2D : 1	
Moveable		No		No	No	
Amplifier	Manufacturer	L-Acoustics		L-Acoustics	L-Acoustics	
	Model	L2, L2D	LA7.16	LA4X	L2, L2D	LA7.16
	Quantity	LA7.16	1	2	LA7.16	1
	Detachable	No		Yes	No	
Connection	Output from	Amp(Direct)		Amp(Direct)	Amp(Direct)	
	Re-patchable	No		No	No	
Connected Processor	Manufacturer	L-Acoustics		L-Acoustics	L-Acoustics	
	Type	Multi-channel amplified controller		amplified controller	Multi-channel amplified controller	
	Model	LA7.16		LA4X : 2	LA7.16	

Location		Subwoofer Speaker Left/Right	Front Fill Speaker
Manufacturer/Model		L-Acoustics/KS28	L-Acoustics/5XT
Quantity		6	8
Moveable		Yes	No
Amplifier	Manufacturer	L-Acoustics	L-Acoustics
	Model	LA12X	LA4X
	Quantity	4	1
	Detachable	Yes	Yes
Connection	Output from	Amp(Direct)	Amp(Direct)
	Re-patchable	No	No
Connected Processor	Manufacturer	L-Acoustics	L-Acoustics
	Type	Amplified Controller	Amplified Controller
	Model	LA12X	LA4X

On Stage System				
Stage Monitor Speaker				
Location		Side Fill	Stage Center	Spare
Manufacturer/Model		L-Acoustics/ SYVA, SYVA Low	L-Acoustics/X12	JBL / EON715
Quantity		2	6	4
Moveable		Yes	Yes	Yes
Amplifier	Manufacturer	L-Acoustics	L-Acoustics	Powered
	Model	LA4X	LA4X	
	Quantity	2	1	
	Detachable	No	Yes	
Connection	Output from	-	-	-
	Re-patchable	No	Yes	Yes
Connected Processor	Manufacturer	L-Acoustics	L-Acoustics	AVID
	Type	Amplified Controller	Amplified Controller	Built in
	Model	LA4X	LA4X	S6L

20. Sound Equipment List

Item	Quantity	Manufacturer / Model	Remarks
Microphones	2	Sennheiser / E908	Main Theater Little theater shared
	4	AKG / CK69ULS	
	8	SHURE / BETA91	
	4	AKG / CK63ULS	
	4	AKG / C480B	
	2	AKG / C414BXLS	
	4	Sennheiser / MD441	
	2	Sennheiser / K6+ME64	
	1	Sennheiser / MD421	
	4	Sennheiser / BF504	
	1	Schoeps / MK21G	
	3	SHURE / KSM137	
W/L Mic	6	SHURE / UR4D	
	8	Sennheiser / 9000	Hand 8, Belt 2
Drirect Box	3	BSS / AR-133	Main Theater Little theater shared

21. Video Equipment List

Item	Quantity	Manufacturer / Model	Remarks
Beam Projector	1	Panasonic / PT-DX100EK	10,000ANSI

22. Sound System Block Diagram

