



**무대기술자료**

**TECHNICAL RIDER 2016.07ver**

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**1. 주요 시설 현황**

**▣ 객석 수 : Standing : 929석 / Seating : 424석**

▷ 1층 : Standing : 800석 / Seating : 295석 (휠체어석 5석 포함)

▷ 2층 : 129석(Fixed)

**▣ 무대제원**

▷ 프로시니움 사이즈 : 16M(W) ⅹ 5.5M(H)

▷ 이동식 덧마루 주무대 사이즈 : 14.6M(W) ⅹ 6.5M(D)

▷ 무대 깊이 : 6M

▷ 측무대 사이즈

① 하수 프로시니움에서 하수 벽면 : 8.1M

② 상수 프로시니움에서 상수 벽면 : 6.3M

**▣ Batten 제원**

▷ **Apron Batten (S1, S2, S3)**

① 길이 : 15M

② 수량 : 3EA(Apron)

③ 속도 : UP-DN 6m/min

④ LIVE ROAD : 300Kg

⑤ 이동거리 : 1.5M - 5.7M

⑥ Driving Type : Winch Type

▷ **Set Batten (S4, S5, S6)**

① 길이 : 18M

② 수량: 3EA(Stage)

③ 속도 : UP-DN 6m/min

④ LIVE ROAD : 500Kg

⑤ 이동거리 : 1.5M - 5.7M

⑥ Driving Type : Winch Type

**▷ Grid Batten (S7, S8, S9)**

① 길이 : 18M ⅹ 1.35M

② 수량 : 3EA(Stage : 3EA)

③ 속도 : UP-DN 6m/min

④ LIVE ROAD : 700Kg

⑤ 이동거리 : 1.5M - 5.7M

⑥ Driving Type : Winch Type

**▣ Loading Dock**

▷ 반입구 : 1750(W) x 2900(H)

▷ Dock : 6370(W) x 1230(D) x 1025(H)

**2. 무대 장비 현황**

**▣ 무대막**

▷ 메인막 : 22M ⅹ 5.7M(고정 레일 수동식) - 1SET

▷ 다리막 : 2.4M ⅹ 5.7M(탈부착식) - 6EA

▷ 머리막 : 22M ⅹ 1M(탈부착식) - 1EA

▷ 샤 막 : White 22M × 5.7M - 1EA

Black 22M × 5.7M - 1EA

White 9.5M × 5.7M 2EA(메인 드로우 용)

**▣ 무대 작업용 고소 사다리**

▷ 높 이 : MAX 7.5M (작업 가능 높이 9.1M)

▷ 수 량 : 1EA

▷ LIVE ROAD : 175Kg

▷ Driving Type : Chain Link Type

**▣ 무대 덧마루 (H : 300)**

▷ 1820 ⅹ 910 : 48장

▷ 1820 ⅹ 1030 : 8장

▷ 1430 ⅹ 910 : 6장

▷ 1430 ⅹ 1030 : 1장

▷ 1470 ⅹ 910 : 2장(Sliding)

▷ 1820 ⅹ 860 : 4장(Sliding)

▷ 1030 ⅹ 860 : 2장(Sliding)

**→ 덧마루 사용에 대한 내용 추가**

**3.**  **조명 인프라 현황**

**▣ Electric Power**

▷ Main power : 3 phase 4 wire system, 380V - 220V, 60Hz, MCCB 4P, 600AF/ 500AT

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO** | **ITEM** | **MODEL / TYPE** | **Q'TY** | **ORIGIN** |
| **1** | FLY DUCT | APRON TOP LIGHT FLY DUCT | 3 | Korea |
| **2** | FLY DUCT | STAGE LIGHT FLY DUCT | 2 | Korea |
| **3** | FLY DUCT | NO1 STAGE LIGHT FLY DUCT | 2 | Korea |
| **4** | FLY DUCT | NO2 STAGE LIGHT FLY DUCT | 2 | Korea |
| **5** | FLY DUCT | NO3 STAGE LIGHT FLY DUCT | 2 | Korea |
| **6** | FLY DUCT | NO1 CEILING LIGHT FLY DUCT | 1 | Korea |
| **7** | FLY DUCT | NO2 CEILING LIGHT FLY DUCT | 1 | Korea |
| **8** | WALL POCKET | BALCONY WALL POCKET | 9 | Korea |
| **9** | FLY DUCT | 객석 SIDE LIGHT FRAME(L, R) | 4 | Korea |
| **10** | DIRECT PANEL | FOLLOW ROOM | 1 | Korea |
| **11** | WALL POCKET | 12 OUTLET | 2 | Korea |
| **12** | WALL POCKET | 4 OUTLET | 2 | Korea |
| **13** | WALL POCKET | 8 OUTLET | 2 | Korea |
| **14** | WALL POCKET | 5 OUTLET | 2 | Korea |
| **15** | SPARE 분전반 | MCCB 4P 225AF/225AT | 2 | Korea |
| **16** | MAIN & DIRECT PANEL | MAIN 4P 600AF/500AT | 1 | Korea |
| **17** | 고조파필터 500A | 고조파필터 500A | 1 | Korea |
| **18** | DIMMER UNIT PANEL | EURODIM | 3RACK | ADB(BEL) |
| **19** | PATCH & NETWORK RACK | DMX SPLITTER 1IN 7OUTLET-6SET,NETWORKHUB | 1 | MA |
| **20** | AUDITORIUM CONTROL CONSOLE | REMEMBRANCE 6CH | 1 | Leviton/USA |
| **21** | CONNECTOR BOX | POWER & SIGNAL | 1 | Korea |
| **22** | AUDITORIUM CONTROL BOARD | REMEMBRANCE 6CH | 1 | Leviton/USA |

**4. 조명 장비 현황**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **ITEM** | **MODEL / TYPE** | **Q’TY** | **ORIGIN** |
| 1 | Moving head | Robe color spot 575AT | 20 | ROBE |
| Robe color wash zoom 575AT | 8 | ROBE |
| LED Beam | 14 | LS MEDIA |
| 2 | STROBE | Atomic 3000 | 4 | Martin |
| 3 | STANDARD LIGHT | 4 Blinder | 8 | KUPO |
| PAR64 | 30 | KUPO |
| PAR46 | 16 | KUPO |
| SOURCE FOUR 19˚ | 10 | ETC |
| SOURCE FOUR 26˚ | 20 | ETC |
| SOURCE FOUR 36˚ | 18 | ETC |
| PROFILO 20`~50` | 20 | DTS |
| 4 | IRIS | SOURCE FOUR 용 | 10 | ETC |
| 5 | SPOT LIGHT | SCENA 1KW FRESNEL | 20 | DTS |
| 6 | SPOT LIGHT | SCENA 1KW PC | 20 | DTS |
| 7 | DMX SPLINTER | 1 IN / 6 OUT | 2 | DTS |
| 8 | Fog Machine | Hazer-300 | 1 | Antari |
| 9 | CABLE | c-type connector - 병렬 | 50 | 국내제작 |
| c-type connector - 연결선(5m) | 20 | 국내제작 |
| c-type connector - 연결선(10m) | 10 | 국내제작 |
| 220 병렬선(1m) | 20 | 국내제작 |
| 220 연결선(5m) | 30 | 국내제작 |
| 10 | FOLLOW SPOT LIGHT | X-ENON 1KW | 2 | USHIO |
| 11 | LIGHT CONTROL CONSOLE | GRAND MA2 / 6 Port, 3072CH | 1 | MA |
| 12 | BACK UP CONTROL CONSLE | NPU | 1 | MA |

**5. 음향 인프라 및 장비 현황**

**▣ Electric Power**

▷ Main power : 3 phase 4 wire system, 380V - 220V, 60Hz

**\* POWER (TR3상4선식70KW)**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **TYPE** | **Q'TY** |
| 무대 상수 분전반 | 3상 4선식 75A | 1 |
| 무대 하수 분전반 | 3상 4선식 75A | 1 |
| F.O.H UPS | 6.8KW | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **\* MIXING CONSOLE** |  |  |  |  |
| **ITEM** | **ORIGIN** | **MODEL** | **TYPE** | **Q'TY** |
| DIGITAL MIXING CONSOLE | MIDAS | PRO3 | IN-48CH, OUT-24CH PRO3 Control Centre, DL251 Audio System I/O, DL371 Audio System Engine, DL444 8analogue mic in- and 8analogue line out-module | 1set |
| DIGITAL MIXING SUB CONSOLE | YAMAHA | O1V96 |  | 1SET |

**\* SPEAKER SYSTEM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **TYPE** | **Q'TY** |
| MAIN L/R SPEAKER | MARTIN AUDIO | MLA COMPACT | POWERED | 24SET |
| SUB WOOFER | MARTIN AUDIO | MLA COMPACT | POWERED |
| CENTER SPEAKER | MARTIN AUDIO | MLA COMPACT | POWERED | 3 |
| MONITOR SPEAKER | MARTIN AUDIO | LE2100S | 2 x12" 3-way Low Profile, High Power Monitor 4 x NL4 | 4 |
| LE1500S | 15" High Power Monitor 4 x NL4 | 6 |
| LE1200S | 12" High Power Monitor 4 x NL4 | 2 |
| MONITOR AMPLIFIER | MARTIN AUDIO | MA 5.2K | High Performance 1U Amplifier 2 x 2600W at 4ohms inc DSP | 2 |
| MONITOR AMPLIFIER | MARTIN AUDIO | MA 2.8Q | Lightweight, 1U amplifIer 4 x 700W at 4ohms | 2 |
| MONITOR CONTROLLER | MARTIN AUDIO | DX 2 | 4:8 Digital Loudspeaker Management System | 2 |

**\* PAGING SYSTEM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **TYPE** | **Q'TY** |
| CEILING SPEAKER | MARTIN AUDIO | C4.8T | 2-Way 16 ohm - 70/100V 4" + 0.8" Ceiling Loudspeaker | 16 |
| PAGING SPEAKER AMP | CROWN | CTS600 |  | 1 |
| LOBBY SPEAKER | MARTIN AUDIO | AQ5 | 282(W)x172(H)x180(D) 3.5kg 2 x 5.25″ Ultra-compact 70/100V  2 x 5.25" ICT | 4 |
| CONTROLLER | MARTIN AUDIO | AQX |  | 4 |
| Compressor/Limiter | DBX | 160A |  | 1 |

**\* RIGGING SYSTEM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **TYPE** | **Q'TY** |
| L/R SP. FLYING MOTOR | LK MOTOR | LK MOTOR | 1 TON | 4 |
| CENTER SP. FLYING MOTOR | LK MOTOR | LK MOTOR | 0.5 TON | 2 |

**\*OUTBOARD & EFFECTER**

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **Q'TY** |
| CD PLAYER | DENON | DN-D4500 | 1 |
| VIDEO PLAYER | 360 SYSTEM | INSTANT REPLAY2 | 1 |
| AUDIO INTERFACE | Sound Devices | 4Pre | 1 |
| Finalizer | TC Electronic | Finalizer96k | 1 |
| AUDIO DISTRIBUTOR | LA AUDIO | DA6 | 1 |

**\* MICROPHONE &STAND**

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **Q'TY** |
| MICROPHONE | SHURE | BETA 52 | 1 |
| MICROPHONE | SHURE | BETA 98 DS | 5 |
| MICROPHONE | SHURE | BETA 91 | 1 |
| MICROPHONE | SHURE | SM 57 | 10 |
| MICROPHONE | SHURE | SM 58 | 8 |
| MICROPHONE | SHURE | SM 81 | 4 |
| WIRELESS MIC RECEIVER | SHURE | UR4D+ | 4 |
| WIRELESS MIC BELTPACK | SHURE | UR1 | 2 |
| WIRELESS MIC HANDMIC | SHURE | UR2+BETA87A | 6CH |
| MIC STAND | K&M | 21060-300-55 | 10 |
| MIC STAND | K&M | 27195-300-55 | 8 |
| MIC STAND | K&M | 25900-300-55 | 4 |
| MIC STAND | K&M | 25950-300-55 | 2 |

**\* INTERCOM SYSTEM**

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **Q'TY** |
| MAIN STATION | CLEARCOM | MS-702 | 1 |
| INTERCOM STATION | CLEARCOM | KB-701 | 1 |
| V-BOX | CLEARCOM | V-BOX | 1 |
| BELTPACK | CLEARCOM | RS-601 | 10 |
| HEADSET | STANTON | DJ PRO2 | 10 |
| REMOTE STATION | CLEARCOM | RM-702 | 1 |
| INTERCOM MIC | CLEARCOM | GM18 | 1 |

**\* VISUAL SYSTEM**

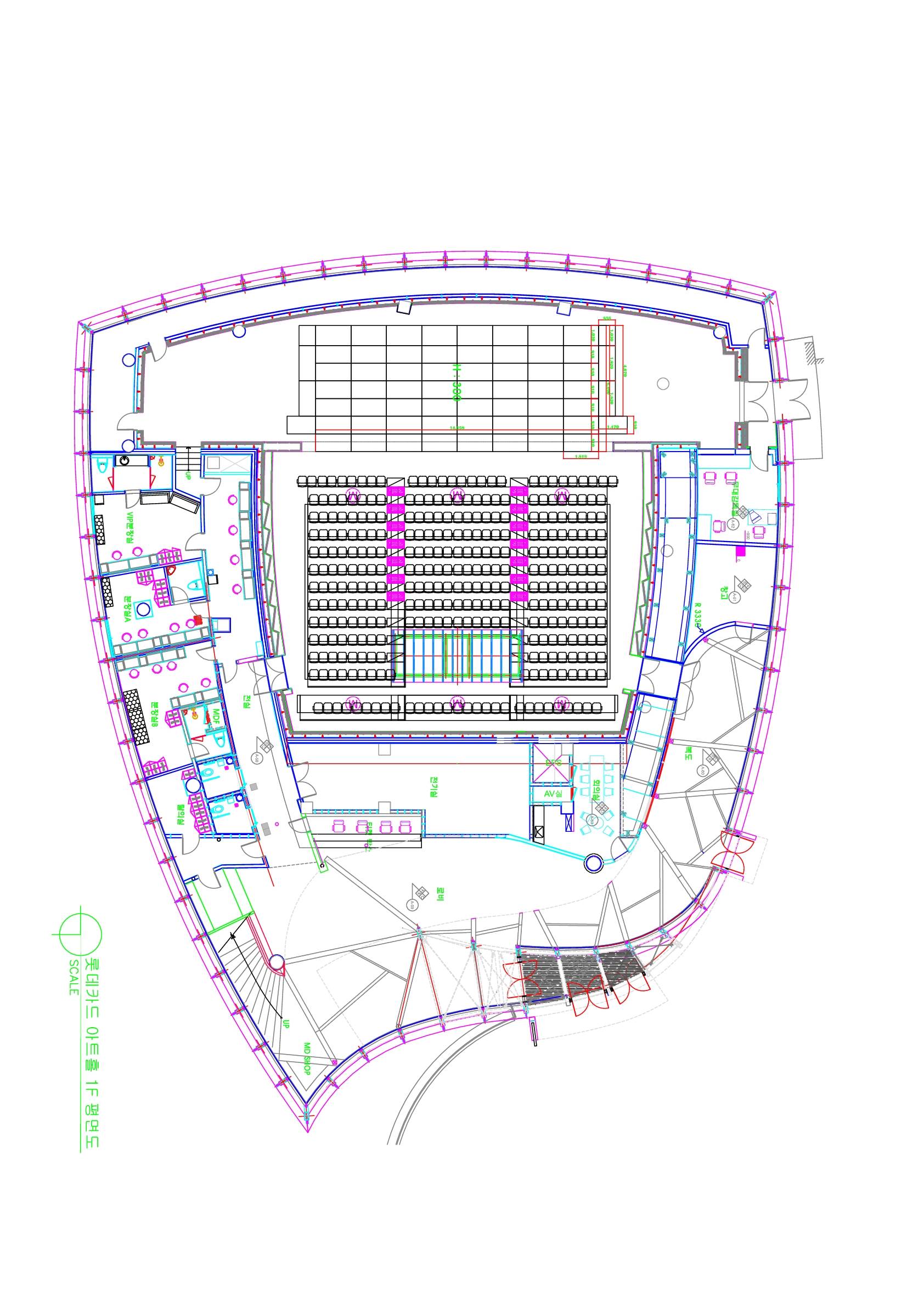
|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **ORIGIN** | **MODEL** | **Q'TY** |
| CCD CAMERA | SONY | BRC-300 | 1 |
| CCD CAMERA CONTROLLER | SONY | RMBR-300 | 1 |
| PTZ CAMERA | SAMSUNG | SCP-2370 | 1 |
| PAN/TILT CONTROLLER | SAMSUNG | SPC-1010 | 1 |
| IR DOME CAMERA | SAMSUNG | SCD-2081 | 4 |
| VIDEO DISTRIBUTION AMPLIFIER | SAMSUNG | SVD-300 | 2 |
| A/V SELECTOR | NES | NRS-808AV | 2 |
| QUAD | NES | CMV-420Q | 2 |
| DVR RECORDER/PLAYER | SAMSUNG | SRD-870DC | 1 |

**6. 라이브홀 도면**

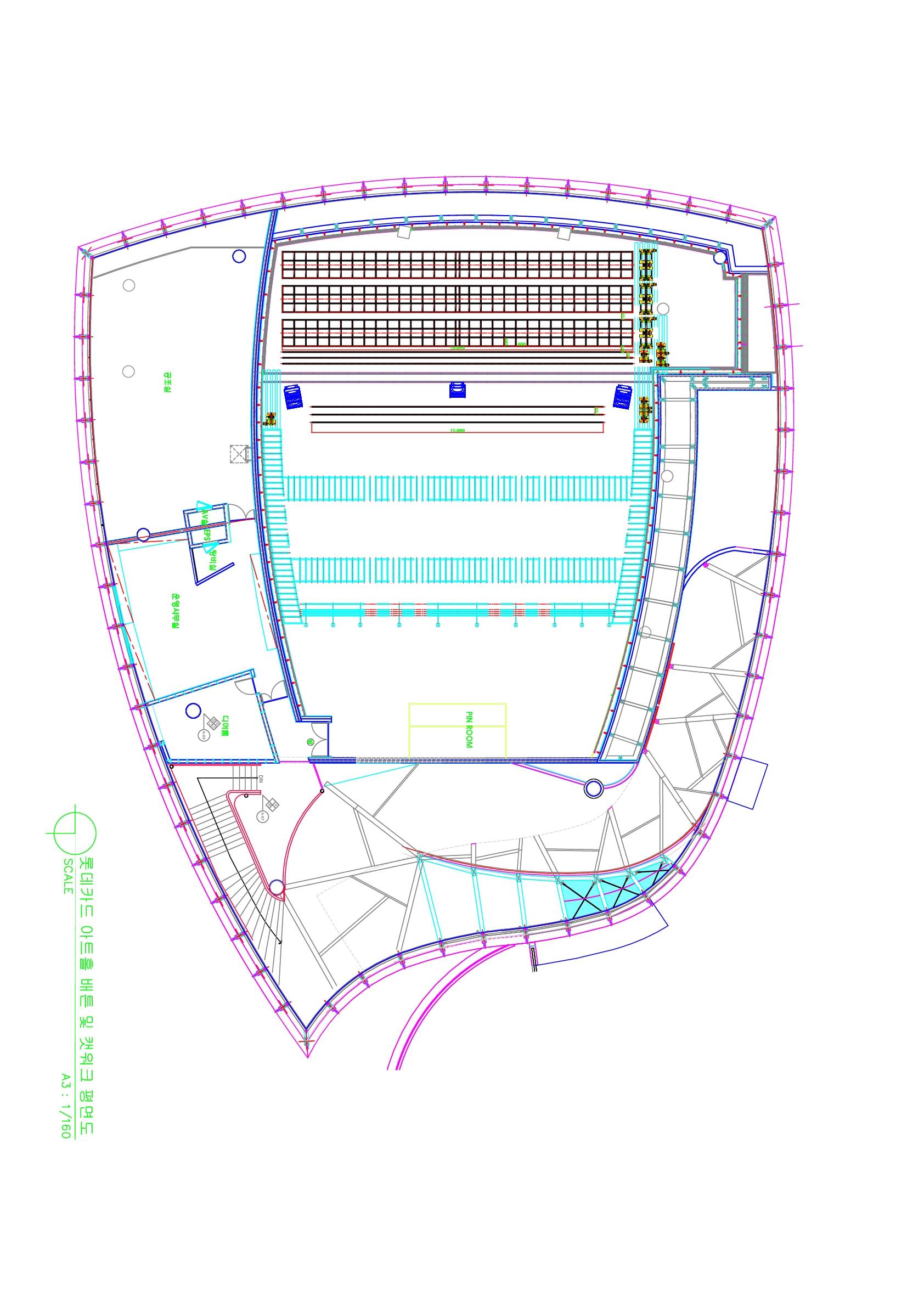
▷ **1층 스탠딩공연 평면도**

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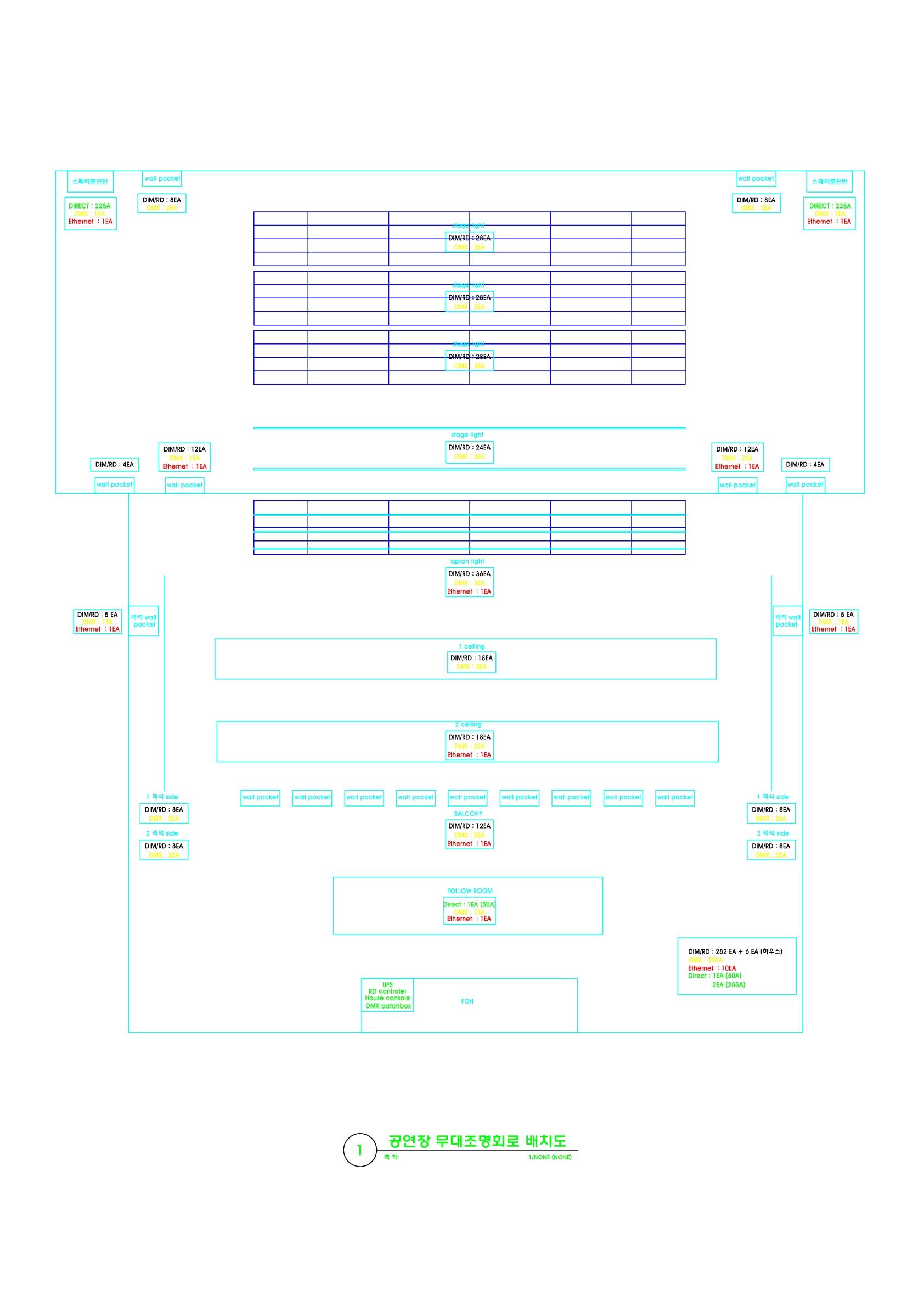
▷ **1층 객석공연 평면도**

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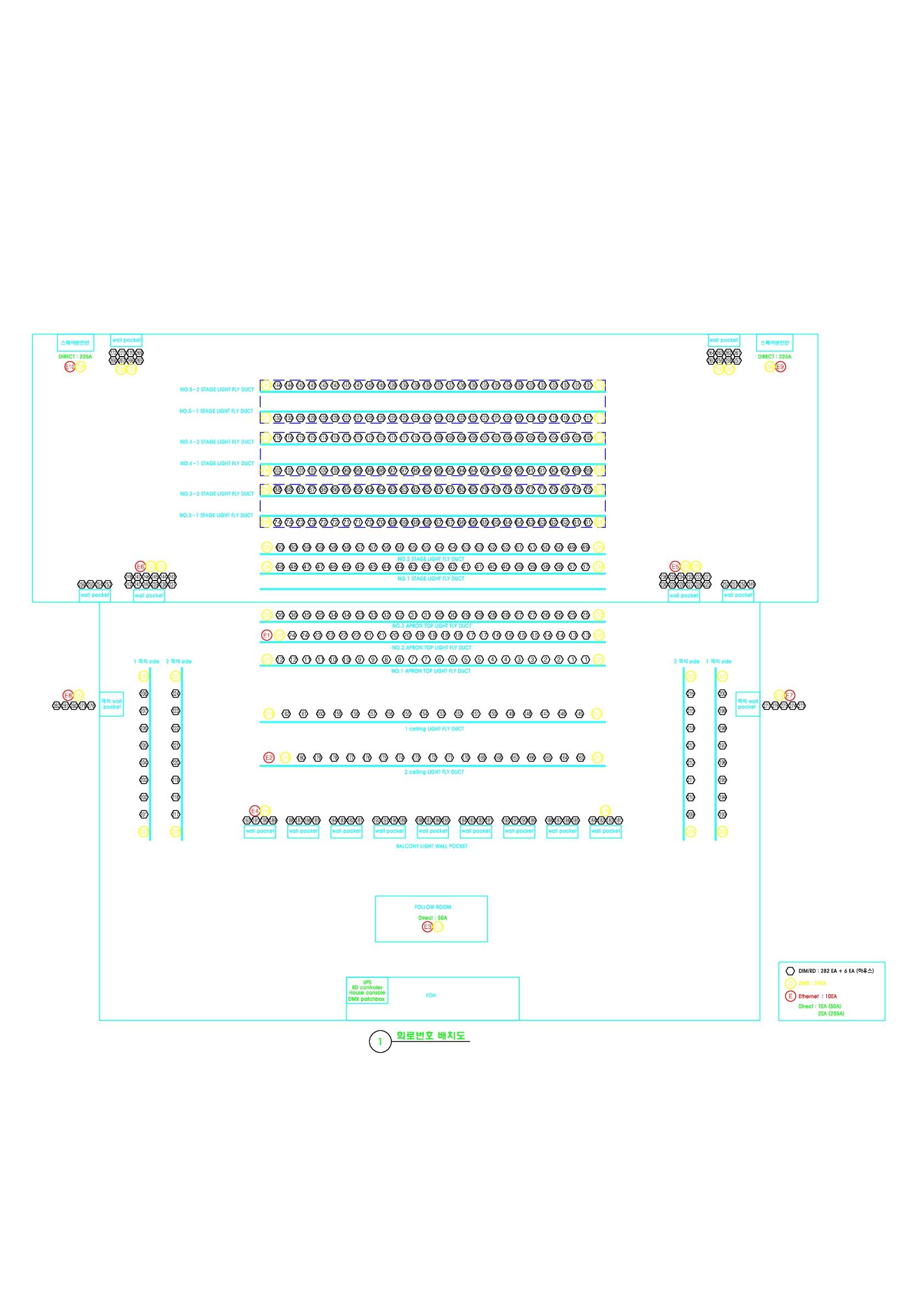
▷ **캣워크 평면도**

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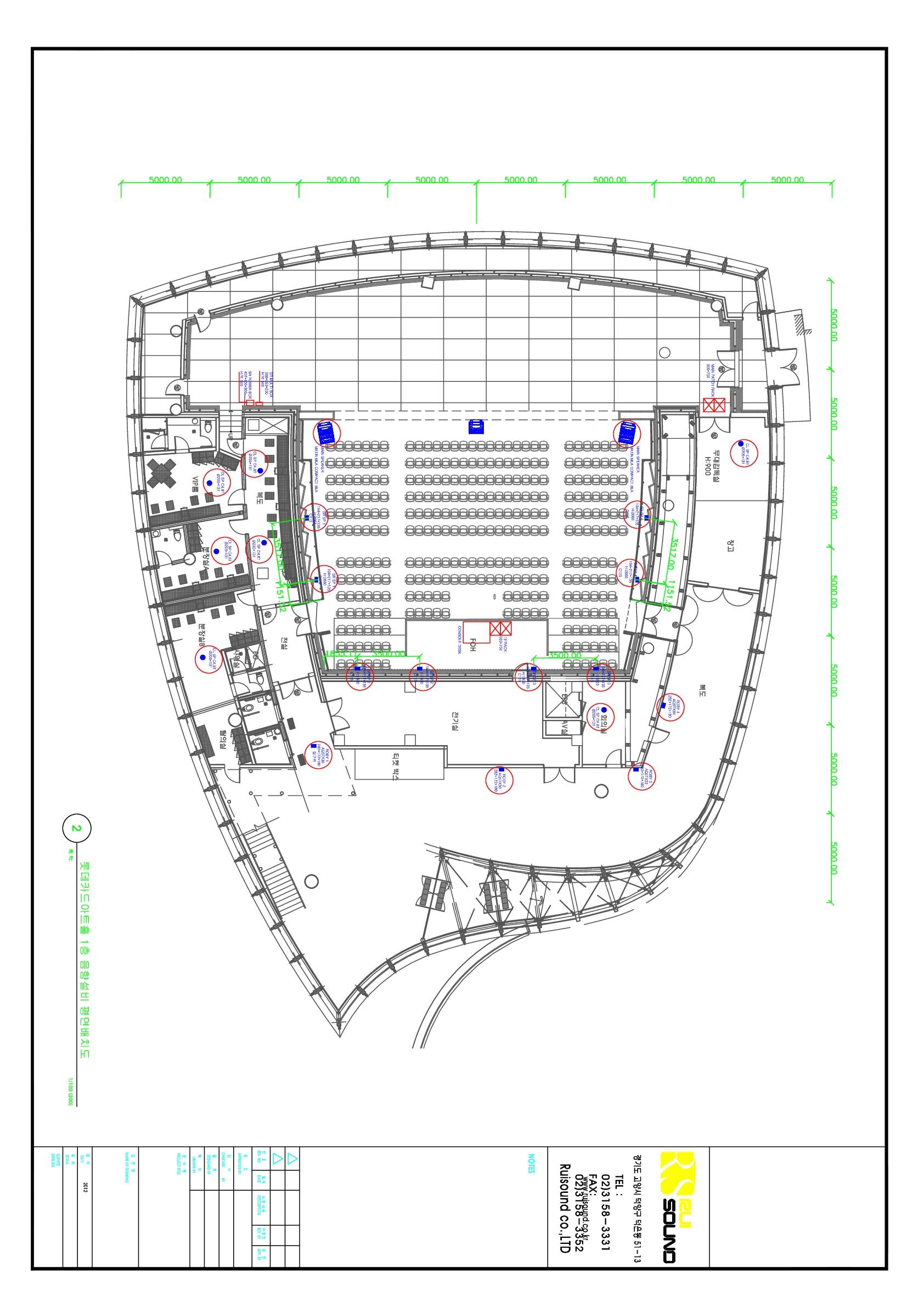
▷ **조명 회로 배치도**

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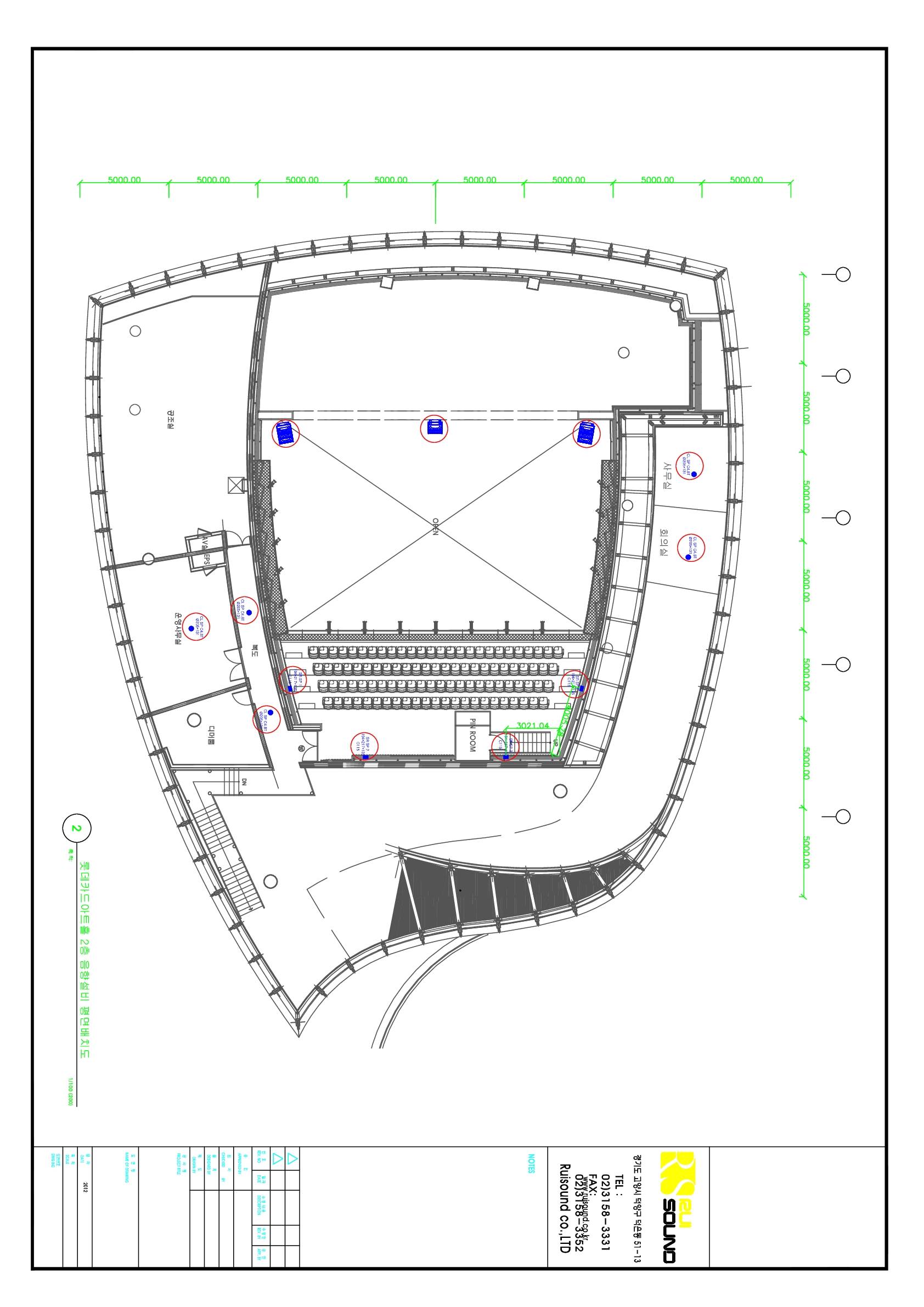
▷ **조명 회로 번호 배치도**

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▷ **음향 배치도 1층**

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▷ **음향배치도2층**

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