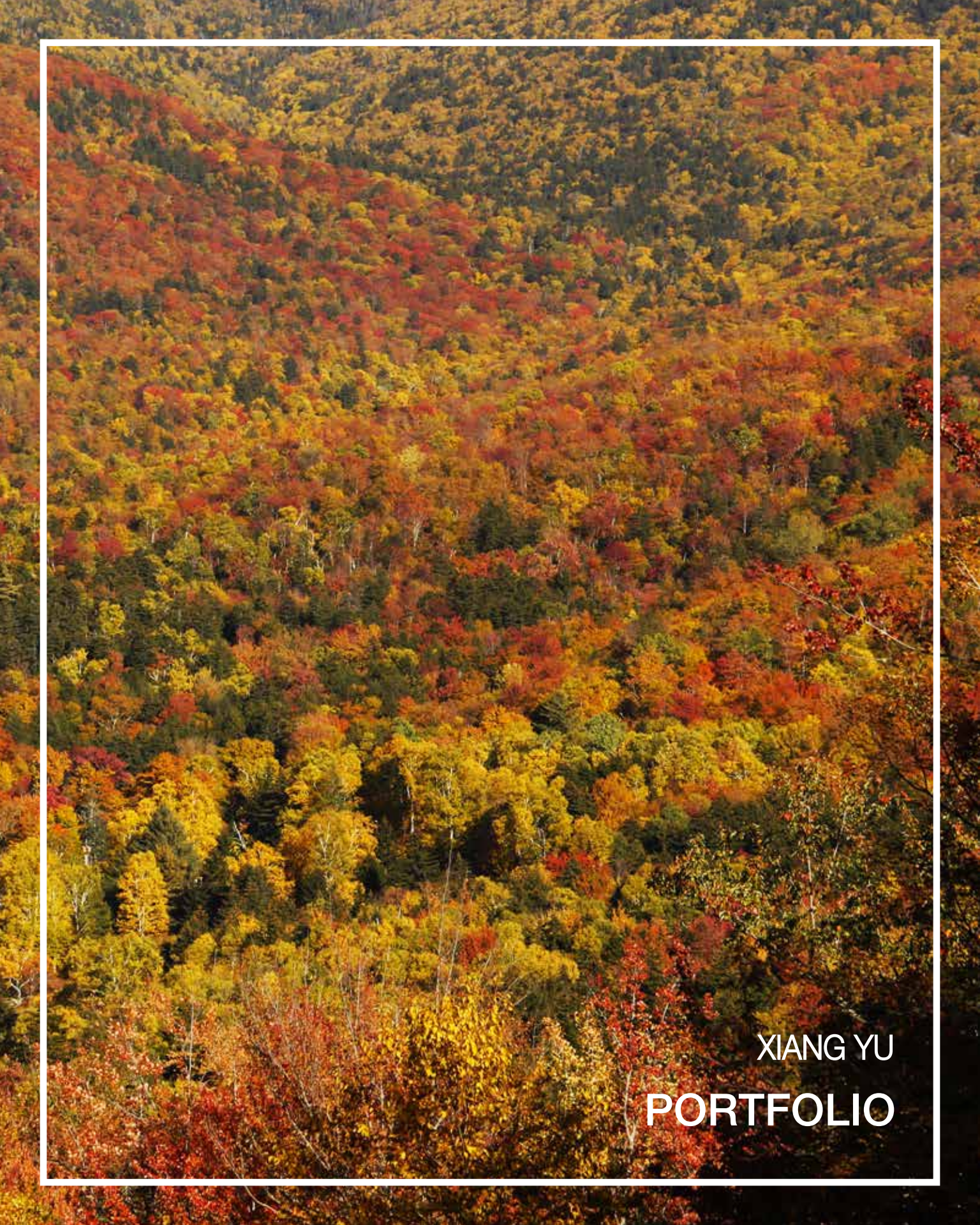


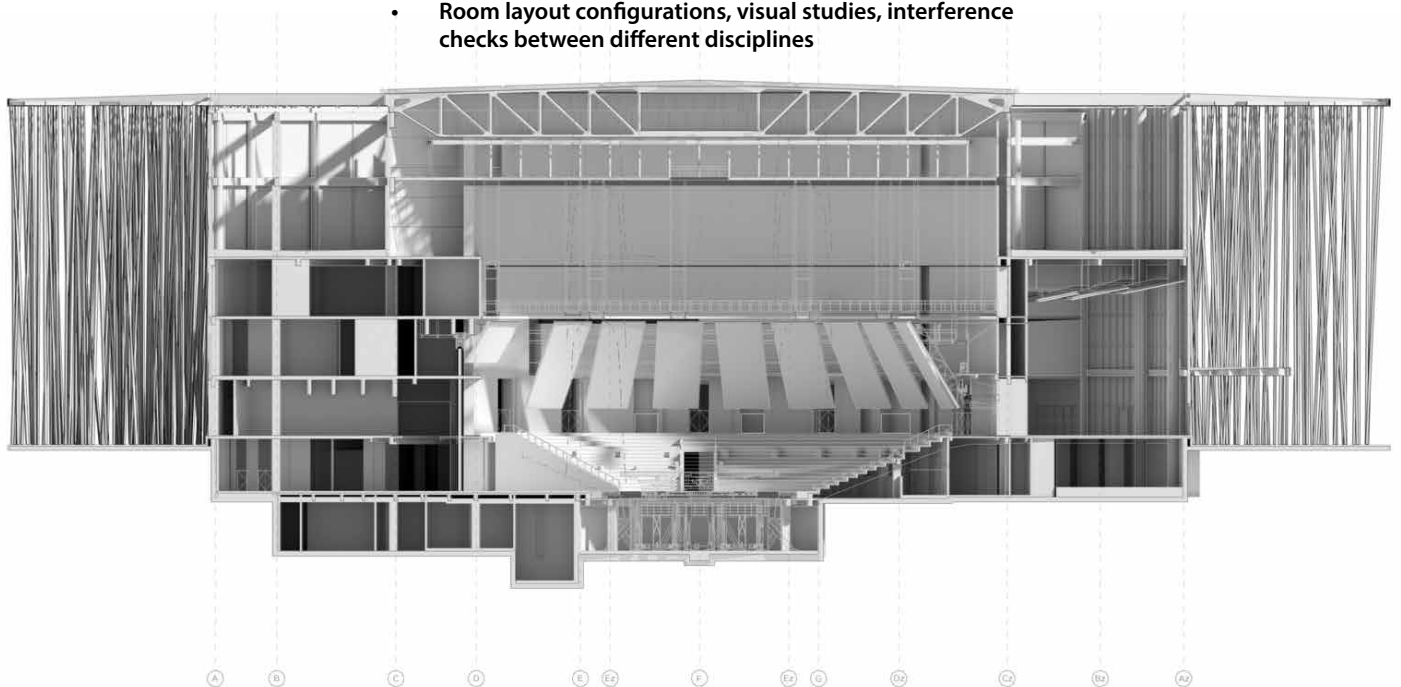


XIANG YU
PORTFOLIO



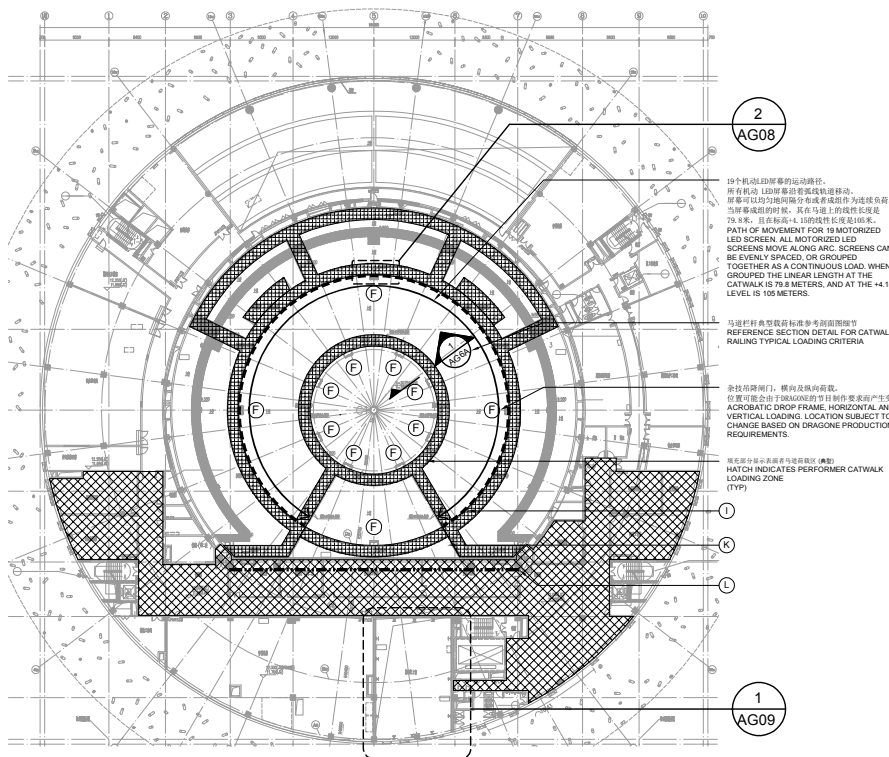
JOB CONTENTS

- Prepared bilingual drawings, specifications, programs, reports and document translations;
- Kept daily transmittals, RFI files logs and meeting notes;
- Built 3D model for machinery and piping system design;
- Room layout configurations, visual studies, interference checks between different disciplines



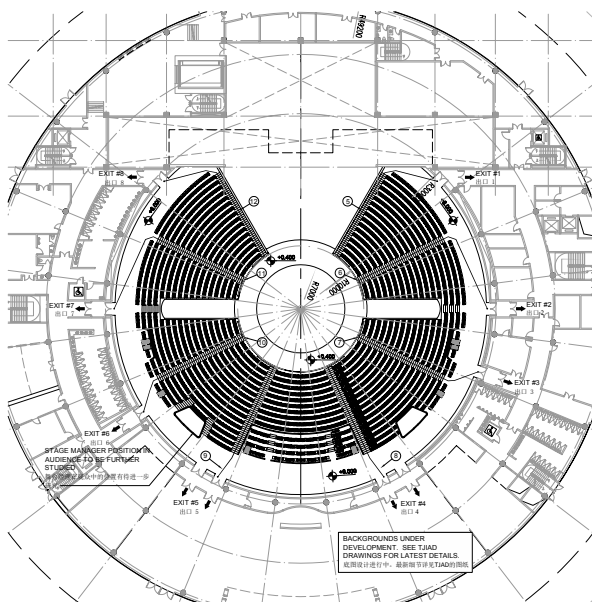
Wuxi Taihu Show Theatre

Wuxi City, Jiangsu Province - Completed 2019

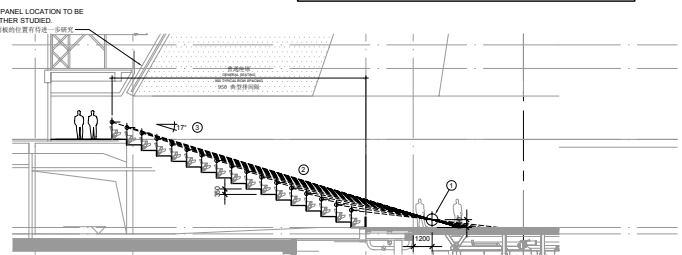


1 高层马道层 +12.0M - 荷载平面图 UPPER CATWALK LEVEL +12.0M - LOADING PLAN
1:500

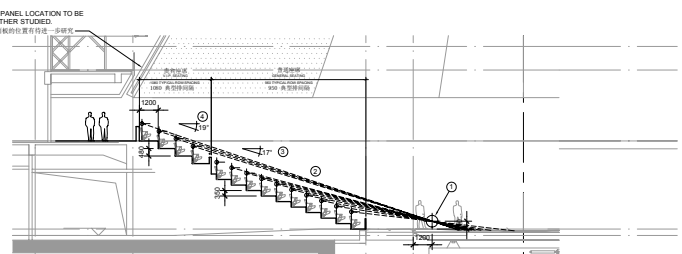
备注:	NOTE:
1) 所有荷载为TSE系统和表面所允许的荷载估计。所有的TSE荷载为容许范围, 便于结构工程师完成其工作。行业标准结构安全因素未包括在其中。	1) ALL TSE LOADS ARE ALLOWANCES TO BE USED BY THE STRUCTURAL ENGINEER FOR COMPLETING THEIR WORK. INDUSTRY STANDARD STRUCTURAL SAFETY FACTORS ARE NOT INCLUDED.
荷载:	
技术区:	
• 7.35kN/m ² 均匀荷载 (750kg/m ²) (150lb/ft ²)	
表演者马道荷载 (在侧门位置):	
• 7.35kN/m ² 均匀荷载 (750kg/m ²) (150lb/ft ²)	
余压侧门荷载:	
• 2.45kN 垂直点荷载 (250kg) (550lb) 每个侧门	
• 7.35kN 可能的垂直冲击荷载 (750kg) (1654lb) 每个侧门	
• 6.37kN 可能的水平冲击荷载 (650kg) (1433lb) 每个侧门。水平冲击荷载可以是任何方向。	
LED 屏幕对马道造成的荷载 +12M (1个单元):	
• 30.6kN 总水平荷载 (3120kg) (6878lb)	
• 8.0 kN/m ² 线荷载 (812kg/m ²) (159lb/ft ²)	
• 单元在显示单元上的典型荷载。只计19个单元。此荷载可能发生在马道上任何位置。	
LED 屏幕在安装期间对马道造成的荷载:	
• 111.2kN 总垂直荷载 (11,340kg) (25,000lb)	
• 29.3 kN/m ² 3.8m (12.5英尺) 以线形荷载 (2984kg/m ²) (2,000 lb/ft ²)	
固定的顶部印刷荷载对马道 +12M 的荷载:	
• 总的垂直荷载 - 69.47kN (3,311 千磅) 309.9 kN	
• 更偏向为点荷载。需与结构工程师协调设计	
轨道视频面板对马道 +12M 的荷载:	
• 对结构总荷载 - 139.12kN (63,104 千磅) 618.8kN	
• 每个轨道视频面板的荷载 - 30.88kN (14,007 千磅) 137.4kN	
• 集中线荷载 - 2.785kN/英尺 (4,151 千磅/米) (当2个面板收起时重叠)	
LOADING:	
TECHNICAL ZONE:	
• 7.35kN/m ² UNIFORM LOAD (750kg/m ²) (150lb/ft ²)	
PERFORMER CATWALK LOADING:	
• 7.35kN/m ² UNIFORM LOAD (750kg/m ²) (150lb/ft ²)	
ACROBATIC GATE LOADING:	
• 2.45kN VERTICAL POINT LOAD (250kg) (550lb) PER GATE	
• 7.35kN POSSIBLE VERTICAL SHOCK LOAD (750kg) (1654lb) PER GATE	
• 6.37kN POSSIBLE HORIZONTAL SHOCK LOAD (650kg) (1433lb) PER GATE	
HORIZONTAL SHOCK LOAD MAY OCCUR IN ANY DIRECTION.	
LED SCREEN LOADING AT CATWALK +12M (1 UNIT):	
• TOTAL HORIZONTAL LOAD - 6.878kN (1,500 KG) 30.6kN	
• LINEAR LOAD OVER 12.5' (3.8M) - 5587FT (2,000 KG) 29.3kN	
• TYPICAL LOADING FOR 1 SCREEN UNIT. 19 UNITS TOTAL. THIS LOAD MAY OCCUR AT ANY POSITION ALONG THE GUIDE RAILS.	
LED SCREEN LOADING AT SUPPORT DURING INSTALLATION:	
• TOTAL VERTICAL LOAD - 25,000FT (11,340 KG) 111.2kN	
• LINEAR LOAD OVER 12.5' (3.8M) - 2,000FT (2,584 KG) 29.3kN	
LED SCREEN HEADER LOADING AT CATWALK +12M:	
• ESTIMATED WEIGHT OF EACH PANEL 13,848 (3,300 KG) (TYPE OF 5 PANELS)	
• HORIZONTAL LOAD AT TOP OF TILTED SCREEN 40128 (1,820 KG) 19 kN	
THIS LOAD IS RESISTED BY THE CIRCULAR STRUCTURAL RING & IS LIMITED TO HORIZONTAL FORCES ONLY DUE TO GUIDE RAILS.	
• VERTICAL LOAD AT THE BOTTOM OF THE TILTED SCREEN (SUSPENDED FROM GRIDIRON) 13848 (3,300 KG) 2 kN	
• HORIZONTAL LOAD AT THE BOTTOM OF THE TILTED SCREEN (BRACED BACK TO THE GRID) 4,0128 (1820 KG) 19 kN	
TRACKED VIDEO WALL PANELS SPANS ONSTAGE RIGGING BEAMS AT 10M & CEILING SLAB AT 12M:	
• TOTAL LOAD TO STRUCTURE - 139.12kN (63,104 KG) 618.8 kN	
• LOAD PER TRACKING PANEL - 30.88kN (14,007 KG) 137.4 kN	
• CONCENTRATED LINEAR LOAD - 2.785kN/FT (4,151 KG/LIN. M) (2 PANELS SIDE BY SIDE)	



1 THEATRICAL SEATING PLAN - 剧场座位平面图
1:250



2 SIGHTLINE SECTION - GENERAL SEATING 视线剖面图 - 普通座席
1:100



3 SIGHTLINE SECTION - VIP 视线剖面图 - 贵宾
1:100

NOTES 备注	NOTE	SECTION REFERENCED IN THE DESIGN NUMBER	NOTE	SECTION REFERENCED IN THE DESIGN NUMBER	NOTE	SECTION REFERENCED IN THE DESIGN NUMBER
5.1.2 PARAGRAPH 4 - POINT OF SIGHT IS TAKEN TO A POINT 0.5m UP AND 1.2m OUT FROM THE EDGE OF THE STAGE. 5.1.2 段落 4 - 视点为舞台边缘 0.5 米, 向外 1.2 米处点。	5.1.8 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR GENERAL SEATING IS 17 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.8 - 普通观众区视线最大俯角为17度, 低于设计规范允许的30度最大。	5.1.9 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 19 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.9 - 贵宾观众区视线最大俯角为19度, 低于设计规范允许的30度最大。	5.1.10 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 19 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.10 - 贵宾观众区视线最大俯角为19度, 低于设计规范允许的30度最大。	5.1.11 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 19 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.11 - 贵宾观众区视线最大俯角为19度, 低于设计规范允许的30度最大。	5.1.12 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 19 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.12 - 贵宾观众区视线最大俯角为19度, 低于设计规范允许的30度最大。	5.1.13 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 19 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.13 - 贵宾观众区视线最大俯角为19度, 低于设计规范允许的30度最大。

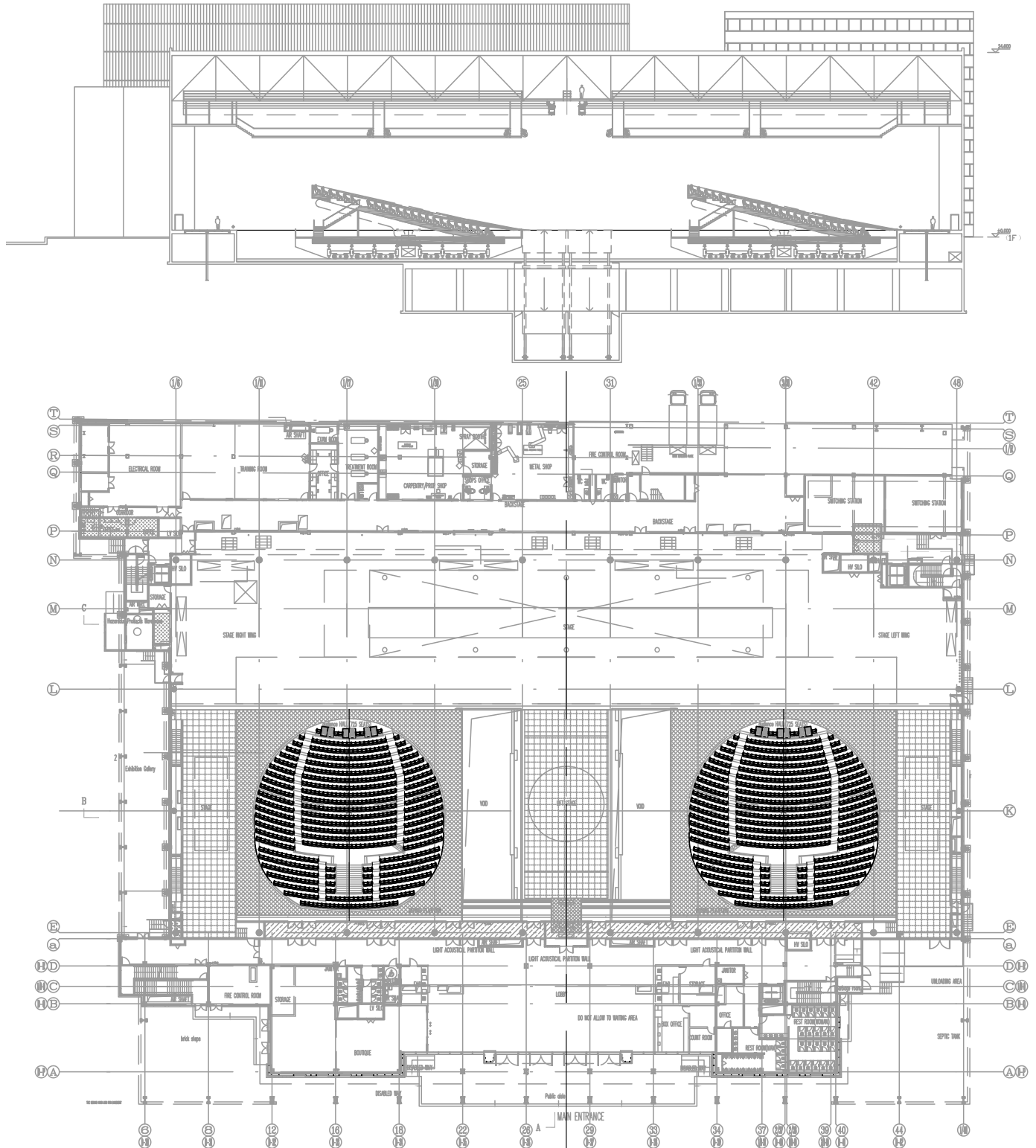
SEATING TOTALS	GENERAL	VIP	TOTAL
座位总数	1,922	70	1,992
FIXED SEATING - 固定座席	1,922	70	1,992
WHEELCHAIR SEATING - 轮椅	6	2	8
TOTAL - 合计	1,928	72	2,000

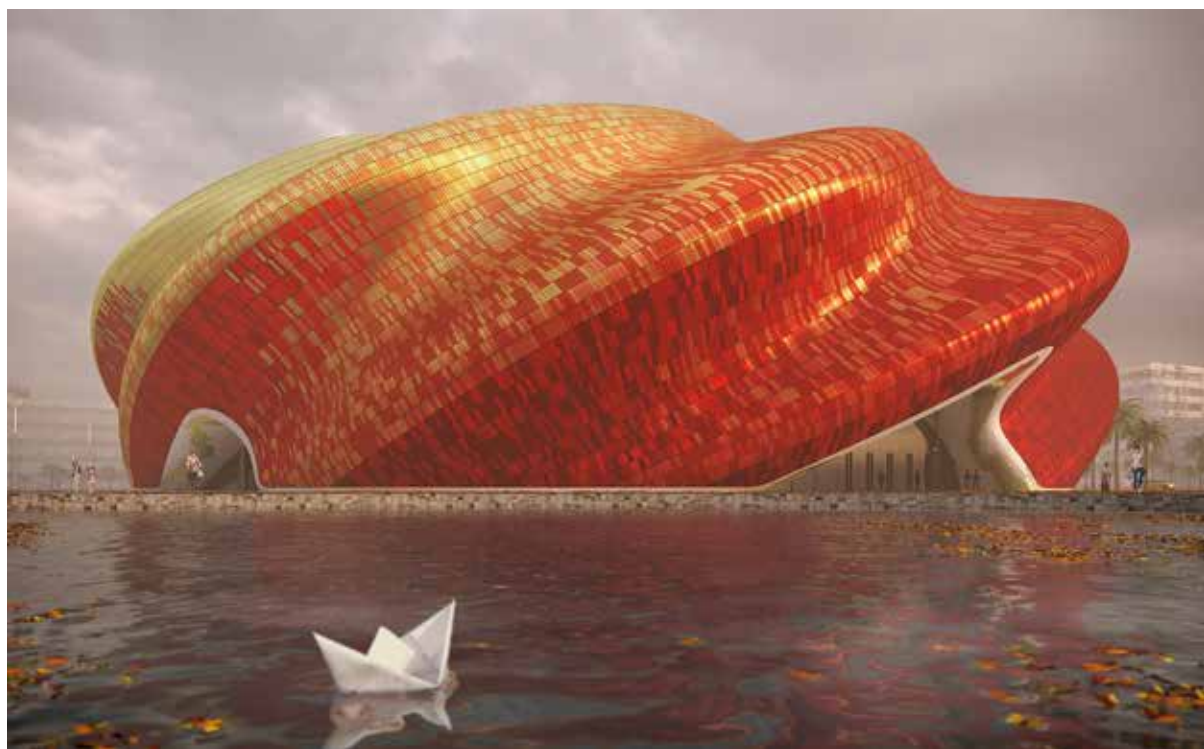


Hangzhou, Zhejiang Province - Completed 2019

JOB CONTENTS

- Kept communications with owner, architects and design teams;
- Maintained and updated project data such as transmittals, RFI files and logs on a daily basis;
- Prepared bilingual drawings and specifications; remote support for checkouts;
- Gathered and prepared documents for publications



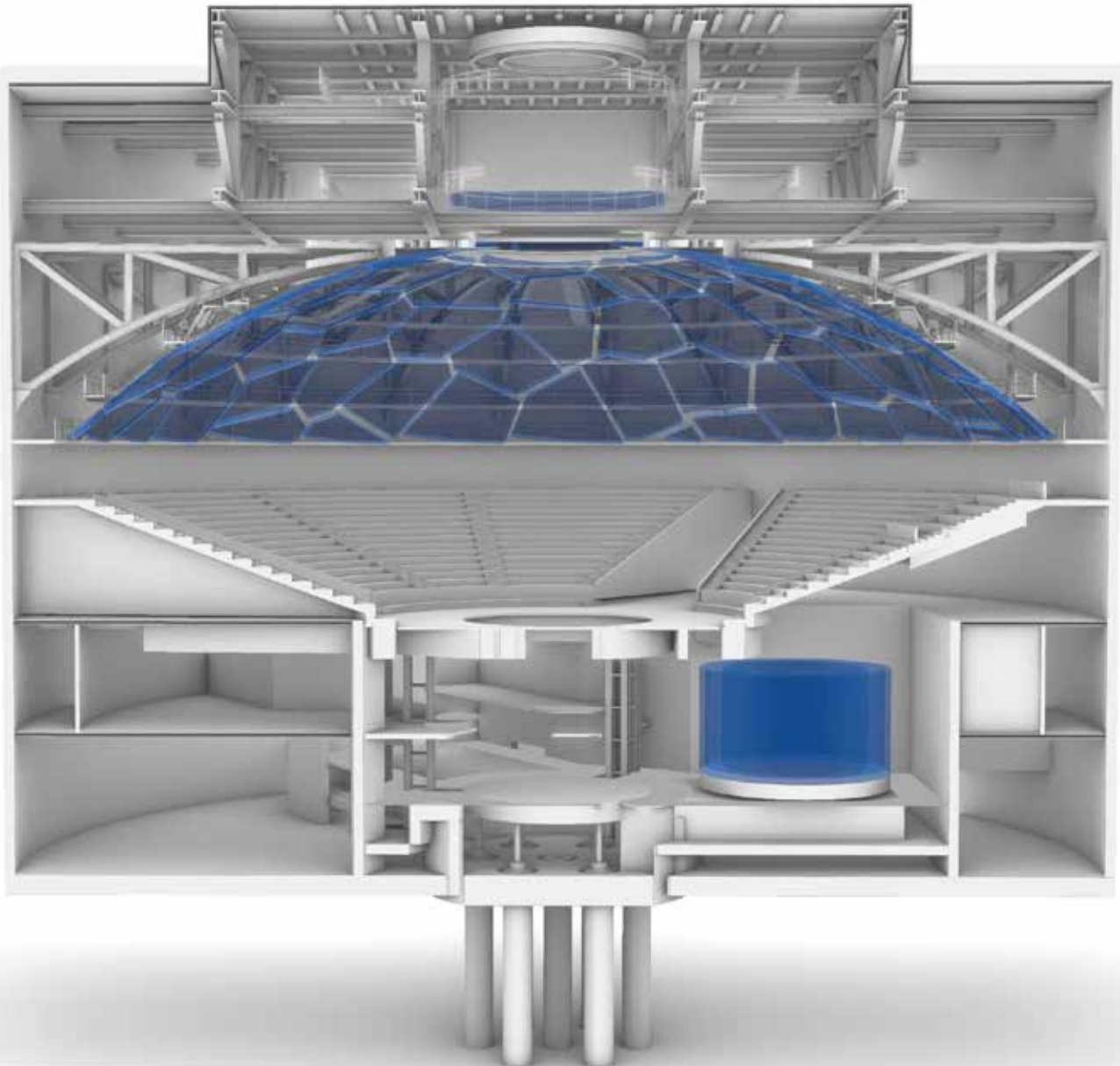


Guangzhou Yue Show Theatre

Guangzhou, Guangdong Province - In Construction

JOB CONTENTS

- Prepared bilingual system and detail drawings as well as specifications, program, reports and document translations;
- Kept daily transmittals, RFI files logs and meeting notes;
- Built 3D model for the venue and structural, machinery, lifts, rigging, pool, projection system design;
- Room layout configurations, accessibility studies, visual studies, interference checks between different disciplines



Chimelong Zhuhai Theatre

Zhuhai, Guangdong Province - Completed 2019

JOB CONTENTS

- Assisted the design team on audio-video system review and special effect design;
- Prepared bilingual deliverables for client's consultation



South Hongqiao Theatre District

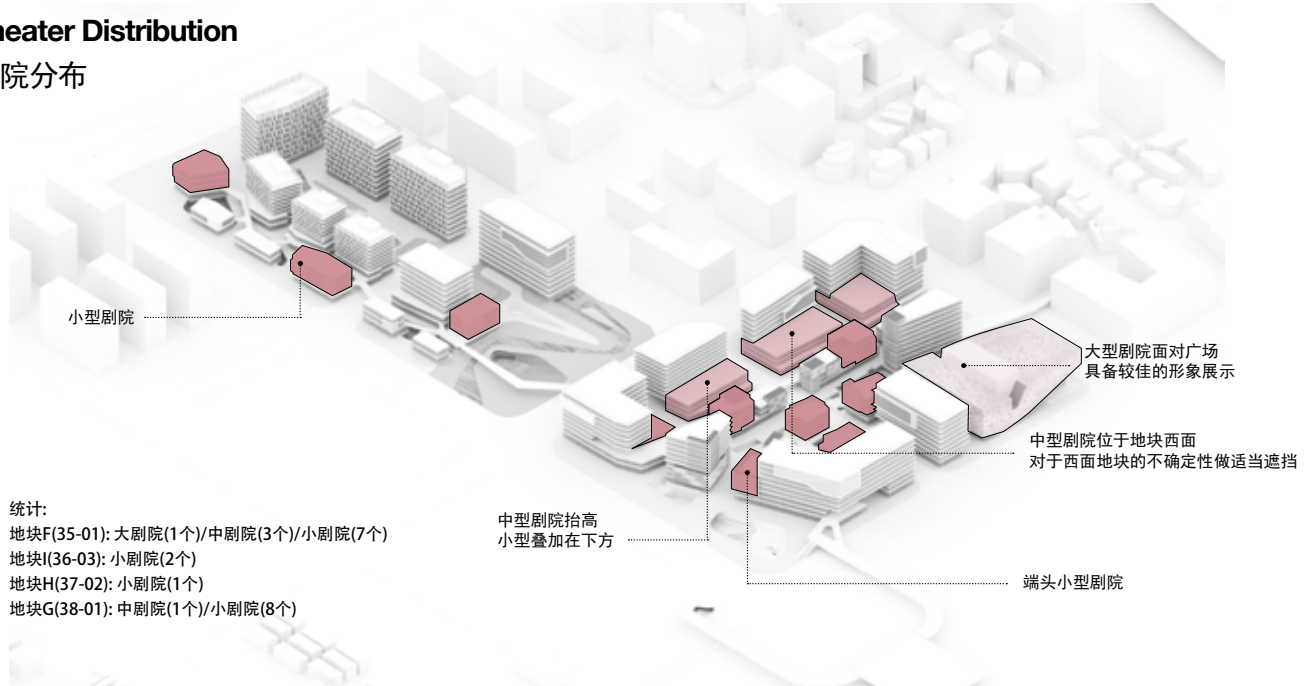
Shanghai, Shanghai

JOB CONTENTS

- Assisted the design team getting the project and program planning documents for various venues;
- Prepared bilingual file for presentations, bidding documents and contracts

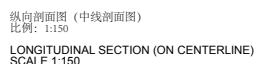
Theater Distribution

剧院分布

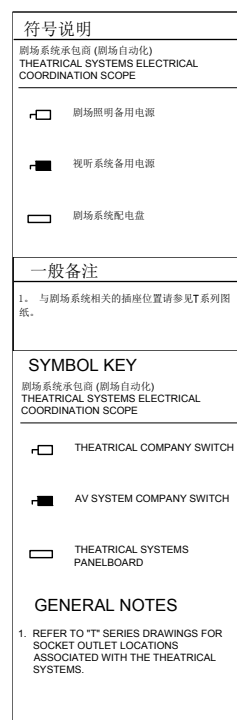


Haikou, Hainan - Completed 2018

- Prepare drawing and document translations;
- Helped with sightline studies, local codes compliance check

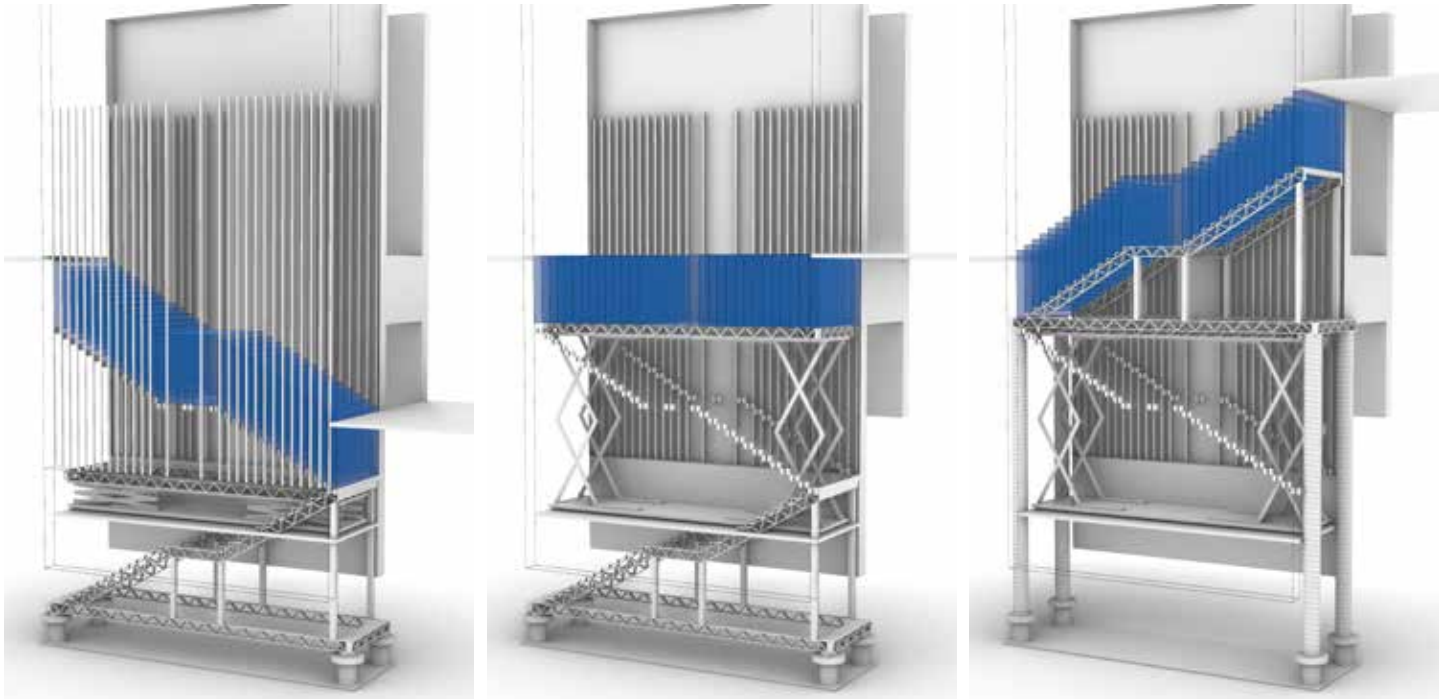


NOTES 备注			
NOTE NUMBER 备注编号	SECTION REFERENCED IN THE DESIGN CODE FOR THEATRE AND DESCRIPTIVE NOTE 所涉及剧院设计规范章节及备注说明	NOTE NUMBER 备注编号	SECTION REFERENCED IN THE DESIGN CODE FOR THEATRE AND DESCRIPTIVE NOTE 所涉及剧院设计规范章节及备注说明
①	5.1.2 PARAGRAPH 4 - POINT OF SIGHT IS TAKEN TO A POINT 1.0m UP AND 8.5m OUT FROM THE EDGE OF THE STAGE. 5.1.2 段落 4 - 视点为舞台上方缘上1.0米, 朝外 8.5米的点。	②	5.1.6 - MAXIMUM ANGLE OF DEPRESSION FOR SIGHT LINE FOR V.I.P. SEATING IS 22 DEGREES WHICH IS LESS THAN THE CODE ALLOWED MAXIMUM OF 30 DEGREES. 5.1.6 - 贵宾座席区视线最大俯视角为22度低于设计规范允许的30度最大值。

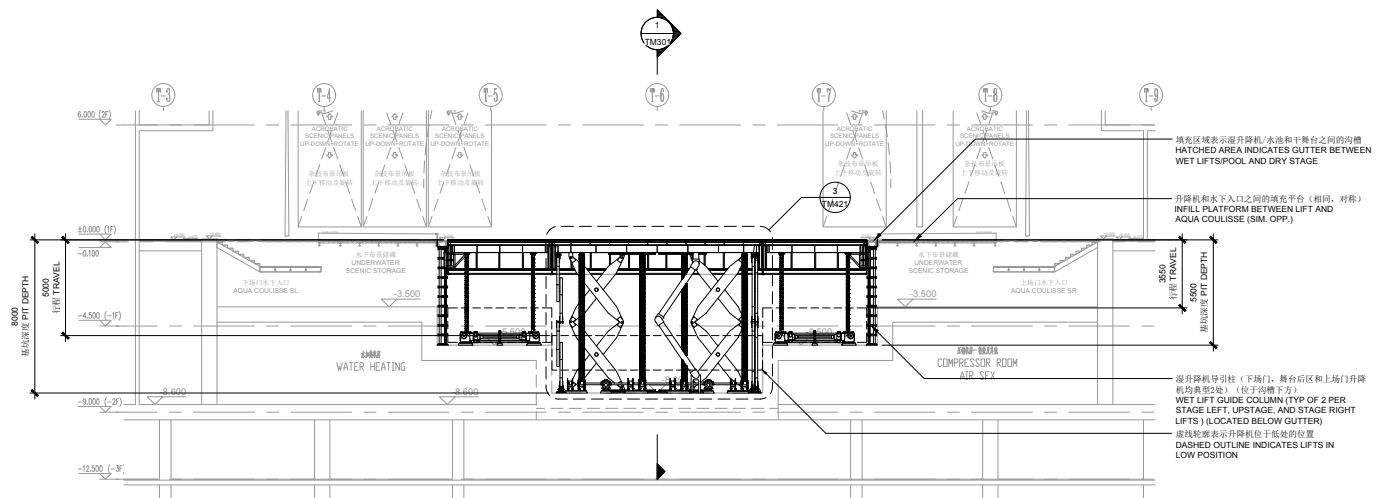


JOB CONTENTS

- In concept design phase, helped with developing lifts system for the whole venue;
- In preliminary design phase, assisted the design team with machinery system model and produced demonstration animations via grasshopper;
- Prepared bilingual system and detail drawings



Moving Stairs System Mechanisim

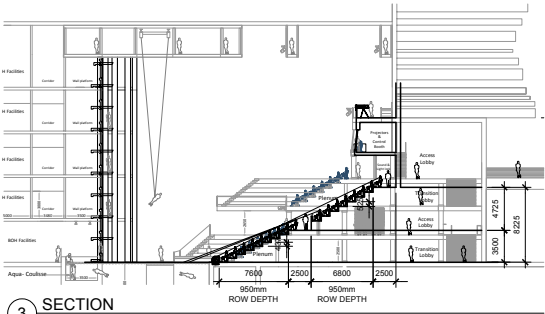
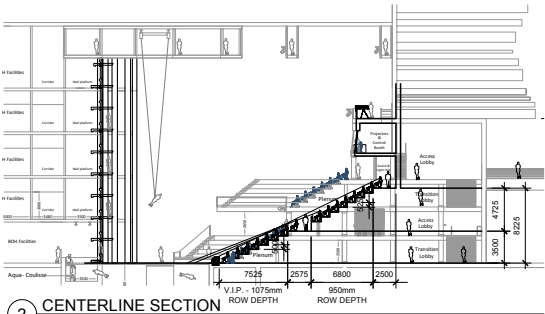
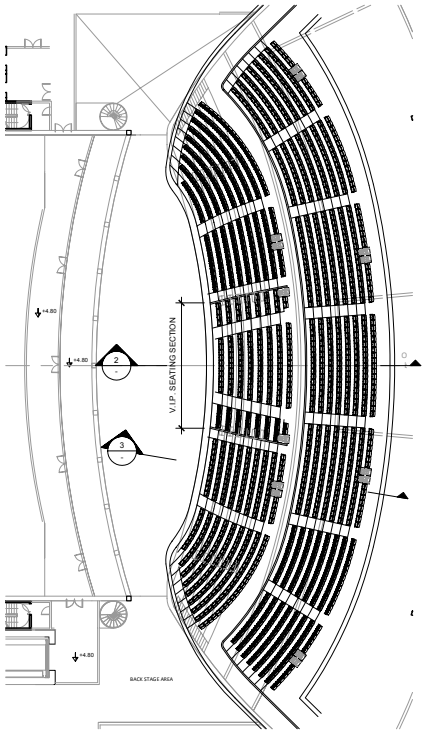


Chongqing Wanda City Theatre

Chongqing, Chongqing

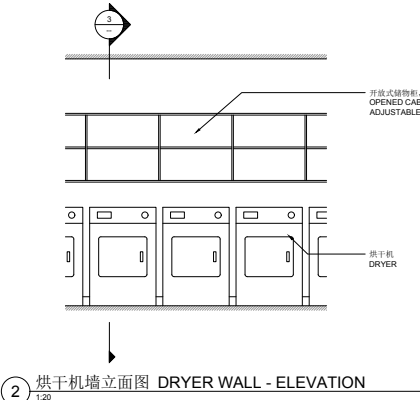
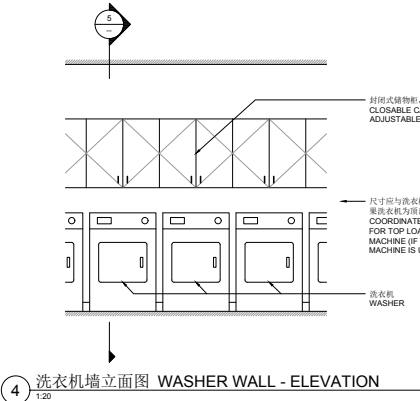
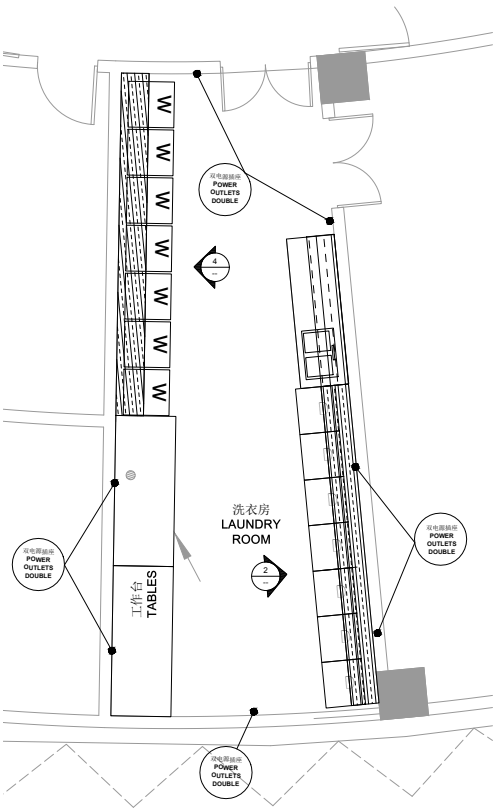
JOB CONTENTS

- Prepared bilingual drawing and specifications;
- Assisted with program, reports, documents translation;
- Built 3D model for stage machinery and pool system design;
- Room layout configurations, accessibility studies, visual studies throughout the concept and preliminary design phase



SEATING TOTALS

	LOWER	UPPER	TOTAL
FIXED SEATING	657	832	1,489
WHEELCHAIRS	6	8	14
TOTAL SEATING	663	840	1,503



1 洗衣房布局 LAUNDRY ROOM LAYOUT 1:30

2 烘干机墙立面图 DRYER WALL - ELEVATION 1:20

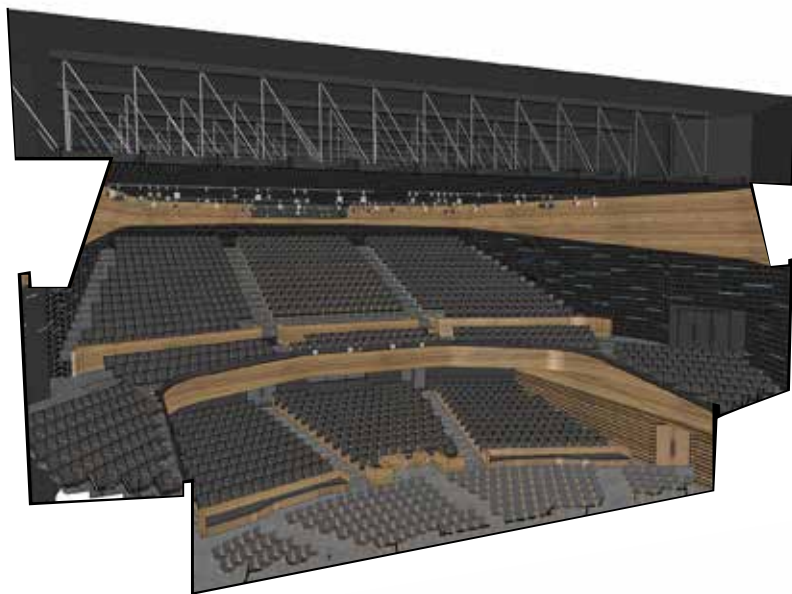
3 烘干机墙剖面图 DRYER WALL - SECTION 1:20

Chengdu Wanda City Theatre
Chengdu, Sichuan Province



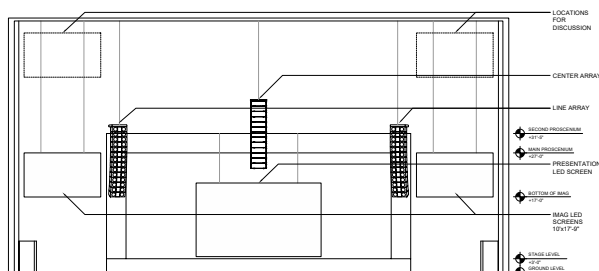
- Prepared bilingual drawing and specifications;
- Assisted with program, reports, document translations;
- Built 3D model for lifting machinery system design;
- Room layout configurations, accessibility studies, visual studies throughout the concept and preliminary design phase

Surry, Canada

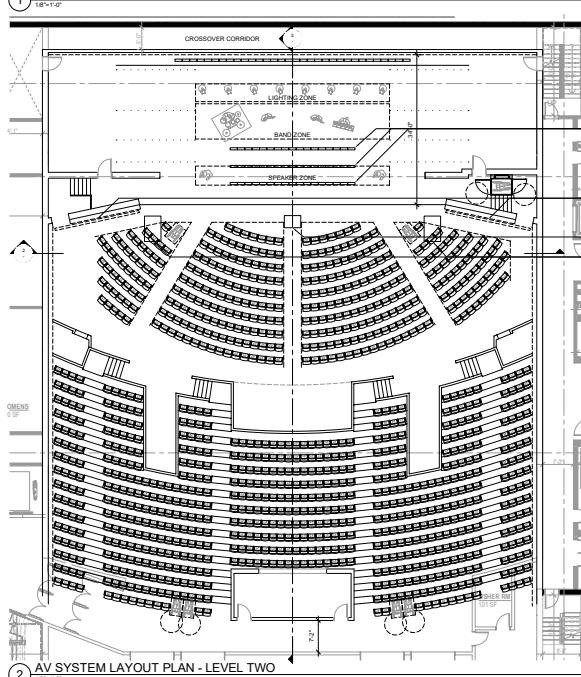


JOB CONTENTS

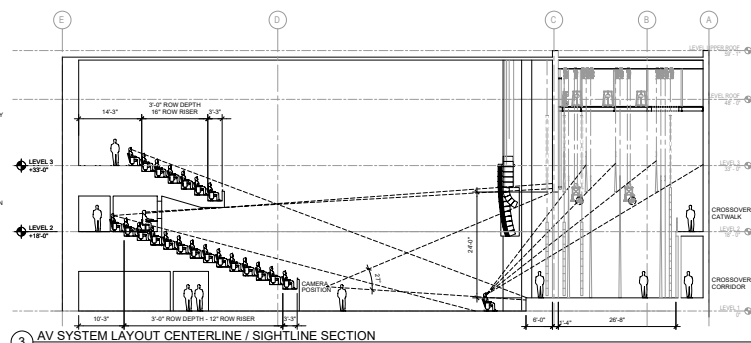
- Visualization and sightline studies, projection and sound system studies;
- Prepared study drawings and specifications



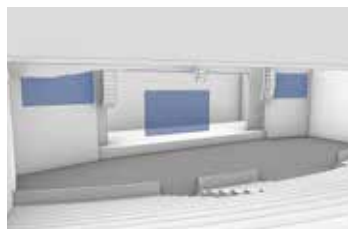
1 AV SYSTEM LAYOUT ELEVATION



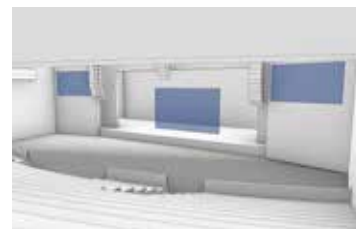
2 AV SYSTEM LAYOUT PLAN - LEVEL TWO



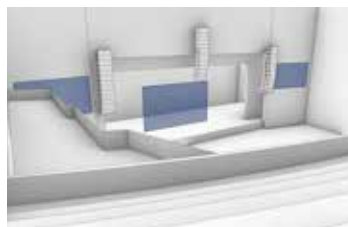
3 AV SYSTEM LAYOUT CENTERLINE / SIGHTLINE SECTION



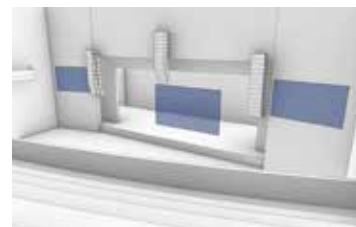
HOUSE LEFT -
BACK OF PARTERRE WITH BALCONY BUMP OUT



HOUSE RIGHT -
BACK OF PARTERRE WITHOUT BALCONY BUMP OUT



HOUSE LEFT -
BACK OF BALCONY WITH BALCONY BUMP OUT



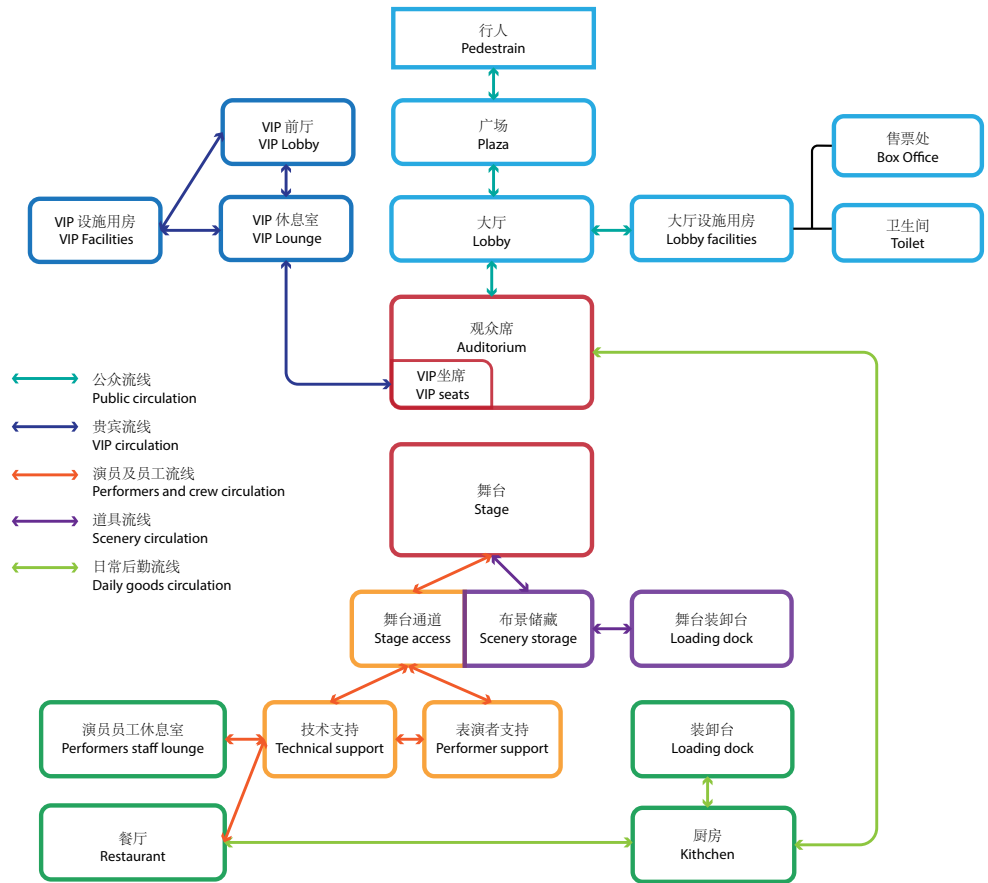
HOUSE RIGHT -
BACK OF BALCONY WITHOUT BALCONY BUMP OUT

4 VIEWS TO STAGE

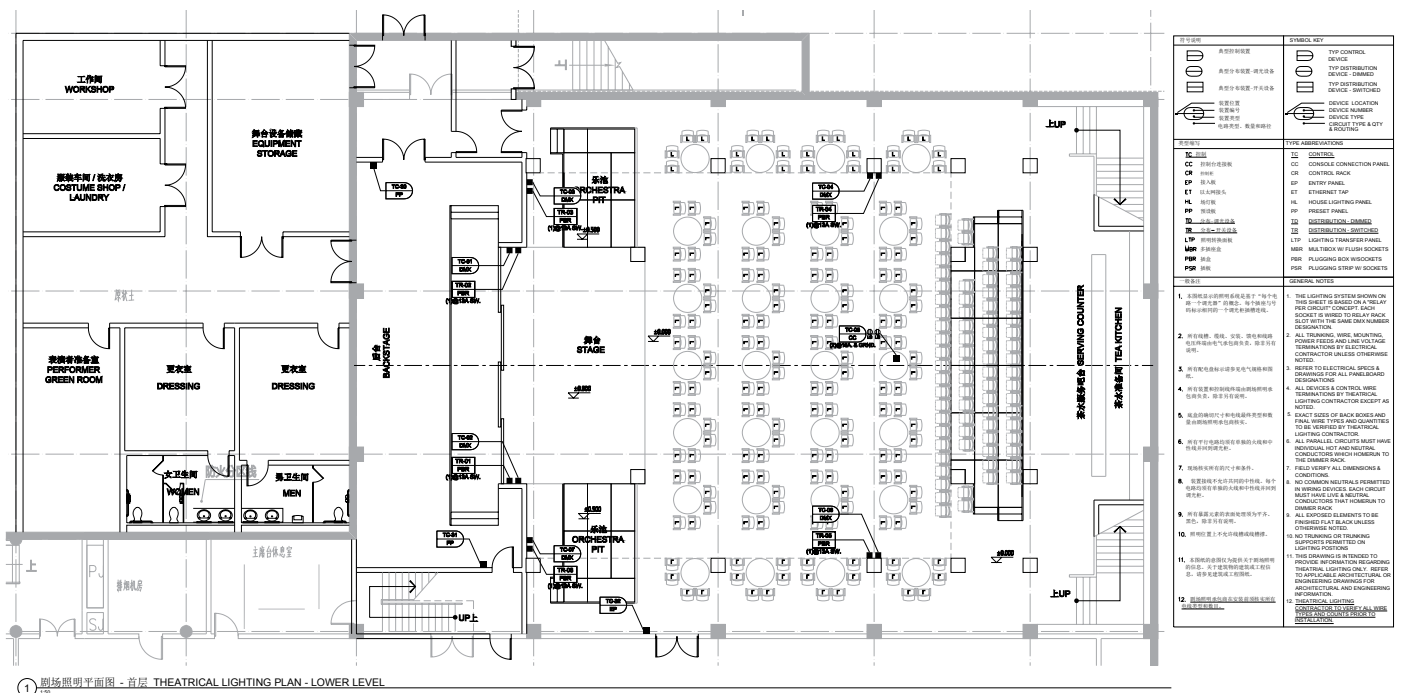
Badaling, Beijing; Tianzishan, Hengyang; Hailongtun, Zunyi

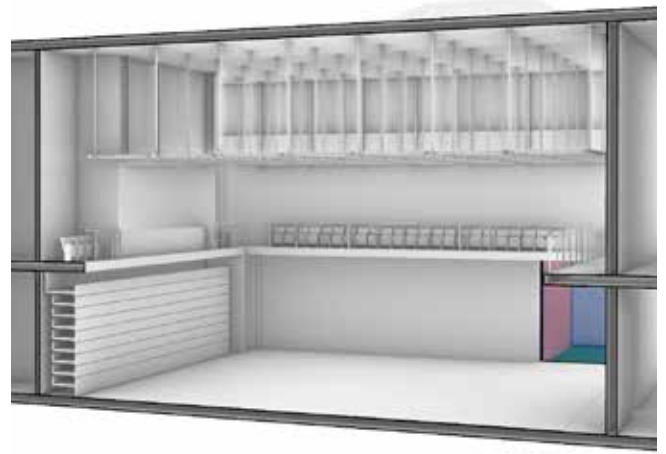
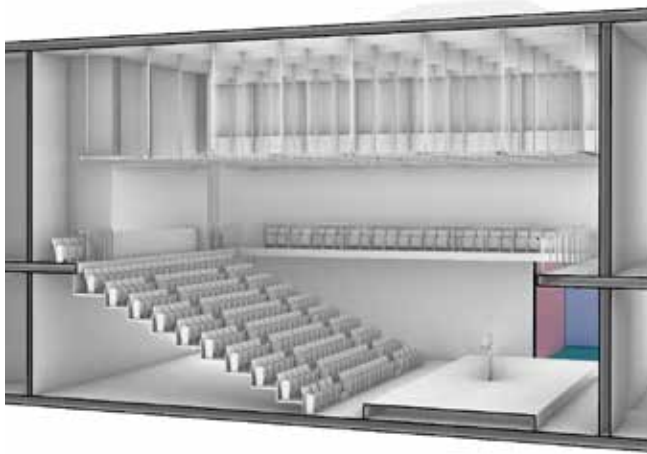
JOB CONTENTS

- Helped the team with design research for local cultural venues in various locations across China;
- Prepared diagram, program developments and bilingual drawings and documents, meeting notes translation and wrote study reports for the design team



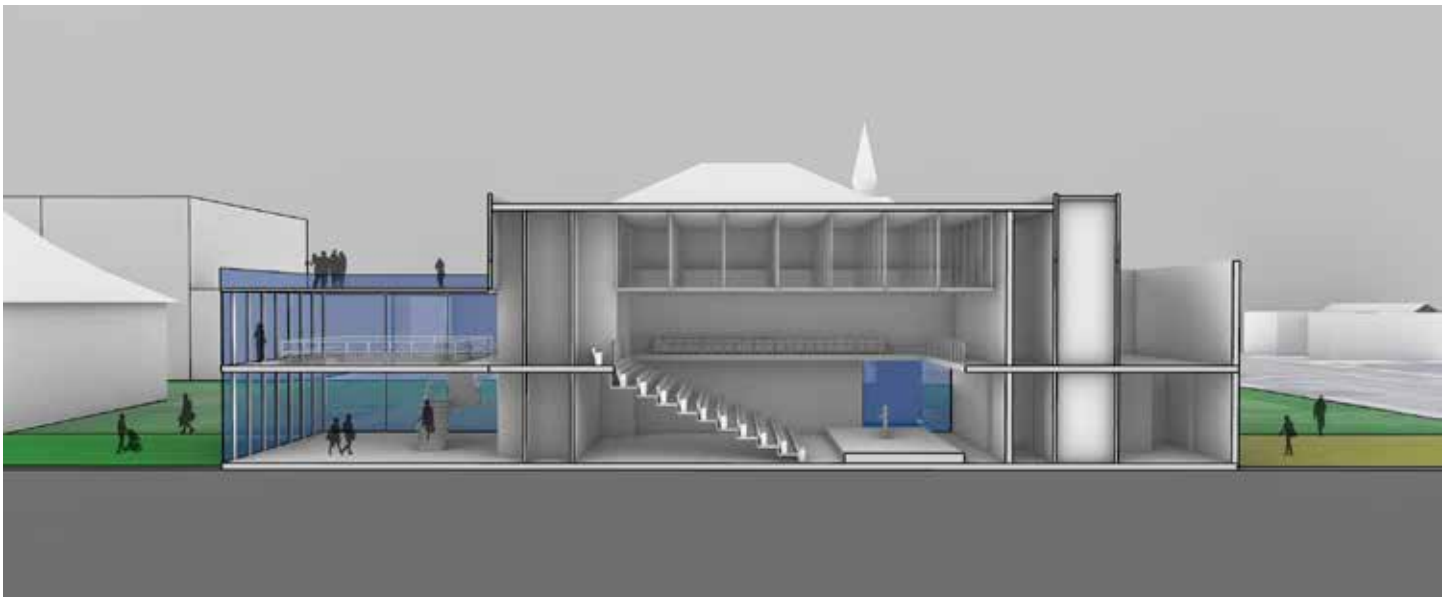
茶楼戏院功能图表
Tea House Theater Functional Diagram





JOB CONTENTS

- Supported the theatre consulting team on the design of concept space adjacency and building massing plans, space programming, as well as theatrical systems design and documentation including seating and room configuration throughout the Feasibility and Concept Study phase;
- Created site and venue models, designed the retractable seating system and visualization



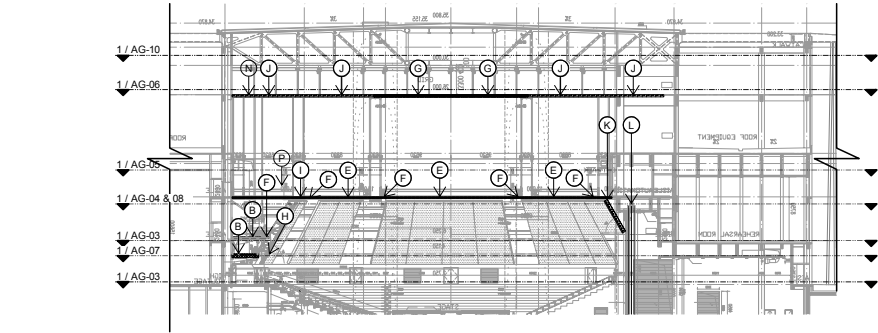
Harrington Center for the Arts

American Fork, Utah



Retractable Seating System

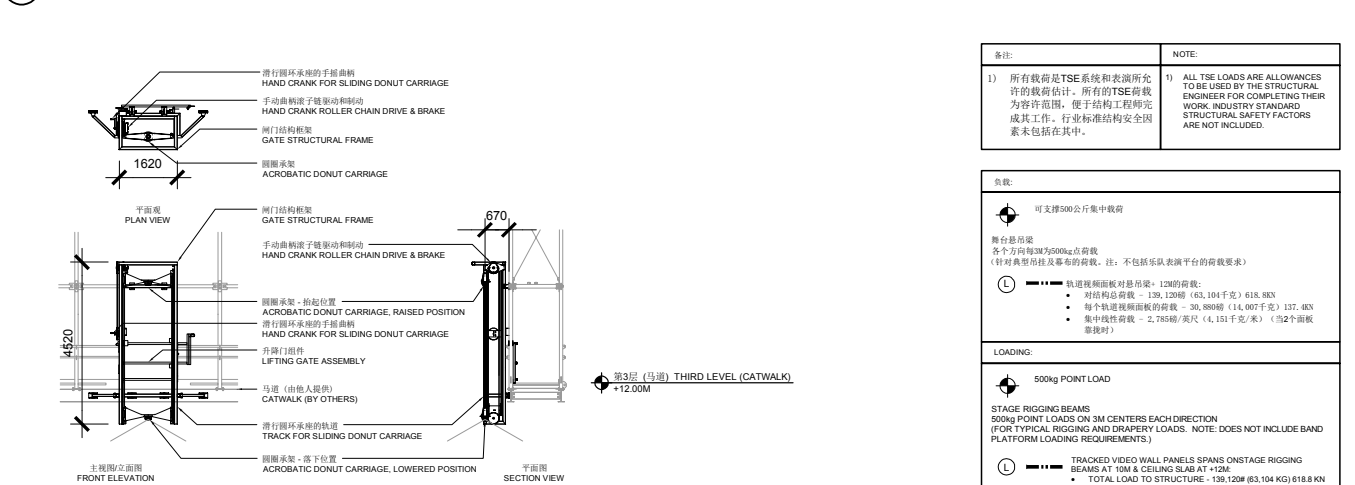




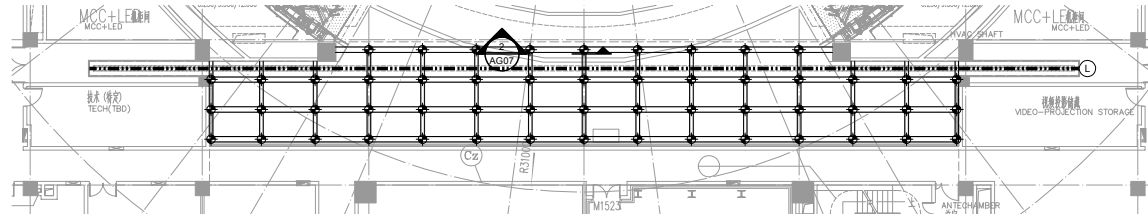
备注:	NOTE:
1) 所有载荷是TSE系统和表演所允许的载荷估计。所有的TSE载荷为容许范围，便于结构工程师完成其工作。行业标准结构安全因素未包括在其中。	1) ALL TSE LOADS ARE ALLOWANCES TO BE USED BY THE STRUCTURAL ENGINEER FOR COMPLETING THEIR WORK. INDUSTRY STANDARD STRUCTURAL SAFETY FACTORS ARE NOT INCLUDED.

负载:	LOADING:
B 技术区: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) E 表演区/观众席: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) F 观众席/观众席: 4.5kN/m² 垂直荷载 (450kg) (90吨/ft²) 7.35kN/m² 可能的垂直荷载 (750kg) (150吨/ft²) 6.37kN/m² 可能的水平荷载 (650kg) (130吨/ft²) G 观众席/观众席: 7.35kN/m² 垂直荷载 (750kg/m²) (150吨/ft²) 1.91kN/m² 垂直荷载 (200kg) (40吨/ft²) H 观众席/观众席: 127.0 KN 总荷载 (12,948KG) (28,140磅) 25.4 KN/m² 总荷载 (2,596KG) (5,710磅) I 观众席/观众席: 111.3KN 总荷载 (11,340KG) (25,000磅) 20.3 KN/m² 总荷载 (2,084KG) (4,600磅)	B 技术区: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) E 表演区/观众席: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) F 观众席/观众席: 4.5kN/m² 垂直荷载 (450kg) (90吨/ft²) 7.35kN/m² 可能的垂直荷载 (750kg) (150吨/ft²) 6.37kN/m² 可能的水平荷载 (650kg) (130吨/ft²) G 观众席/观众席: 7.35kN/m² 垂直荷载 (750kg/m²) (150吨/ft²) 1.91kN/m² 垂直荷载 (200kg) (40吨/ft²) H 观众席/观众席: 127.0 KN 总荷载 (12,948KG) (28,140磅) 25.4 KN/m² 总荷载 (2,596KG) (5,710磅) I 观众席/观众席: 111.3KN 总荷载 (11,340KG) (25,000磅) 20.3 KN/m² 总荷载 (2,084KG) (4,600磅)

1 中线剖面图 CENTERLINE SECTION



2 杂技降落框架 - ACROBATIC DROP FRAME



1 二层 +10.0M - 舞台上部悬吊梁荷载平面图 2ND LEVEL +10.0M - OVERSTAGE RIG BEAM LOADING PLAN

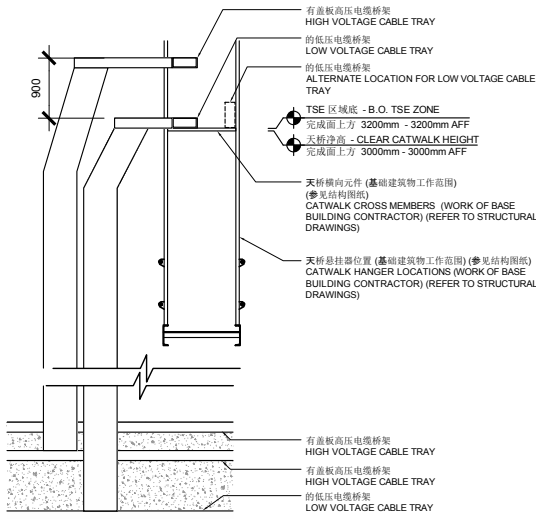
备注:	NOTE:
1) 所有载荷是TSE系统和表演所允许的载荷估计。所有的TSE载荷为容许范围，便于结构工程师完成其工作。行业标准结构安全因素未包括在其中。	1) ALL TSE LOADS ARE ALLOWANCES TO BE USED BY THE STRUCTURAL ENGINEER FOR COMPLETING THEIR WORK. INDUSTRY STANDARD STRUCTURAL SAFETY FACTORS ARE NOT INCLUDED.

负载:	LOADING:
B 技术区: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) E 表演区/观众席: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) F 观众席/观众席: 4.5kN/m² 垂直荷载 (450kg) (90吨/ft²) 7.35kN/m² 可能的垂直荷载 (750kg) (150吨/ft²) 6.37kN/m² 可能的水平荷载 (650kg) (130吨/ft²) G 观众席/观众席: 7.35kN/m² 垂直荷载 (750kg/m²) (150吨/ft²) 1.91kN/m² 垂直荷载 (200kg) (40吨/ft²) H 观众席/观众席: 127.0 KN 总荷载 (12,948KG) (28,140磅) 25.4 KN/m² 总荷载 (2,596KG) (5,710磅) I 观众席/观众席: 111.3KN 总荷载 (11,340KG) (25,000磅) 20.3 KN/m² 总荷载 (2,084KG) (4,600磅)	B 技术区: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) E 表演区/观众席: 7.35kN/m² 均匀荷载 (750kg/m²) (150吨/ft²) F 观众席/观众席: 4.5kN/m² 垂直荷载 (450kg) (90吨/ft²) 7.35kN/m² 可能的垂直荷载 (750kg) (150吨/ft²) 6.37kN/m² 可能的水平荷载 (650kg) (130吨/ft²) G 观众席/观众席: 7.35kN/m² 垂直荷载 (750kg/m²) (150吨/ft²) 1.91kN/m² 垂直荷载 (200kg) (40吨/ft²) H 观众席/观众席: 127.0 KN 总荷载 (12,948KG) (28,140磅) 25.4 KN/m² 总荷载 (2,596KG) (5,710磅) I 观众席/观众席: 111.3KN 总荷载 (11,340KG) (25,000磅) 20.3 KN/m² 总荷载 (2,084KG) (4,600磅)

Detail Samples

Various Projects

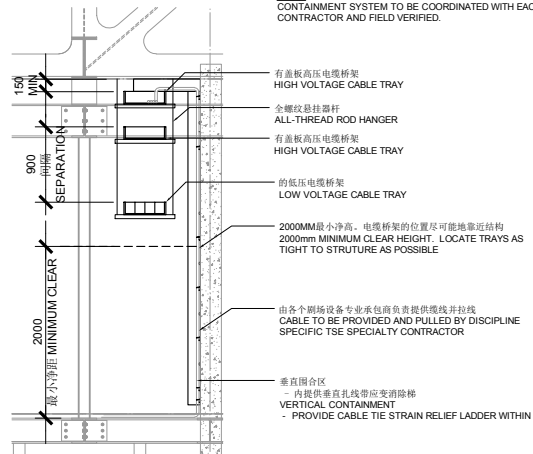
备注: 图纸只显示设计意图。最终 TSE 桥架/防护系统与所有所有承包商协调并在现场核实。
NOTE: DRAWING INDICATES DESIGN INTENT ONLY. FINAL TSE CONTAINMENT SYSTEM TO BE COORDINATED WITH EACH CONTRACTOR AND FIELD VERIFIED.



1 典型马道电缆桥架详图 TYPICAL CATWALK CABLE TRAY DETAIL

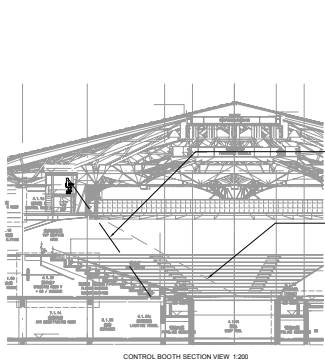
興

NOTE: DRAWING INDICATES DESIGN INTENT ONLY. FINAL TSE CONTAINMENT SYSTEM TO BE COORDINATED WITH EACH CONTRACTOR AND FIELD VERIFIED.



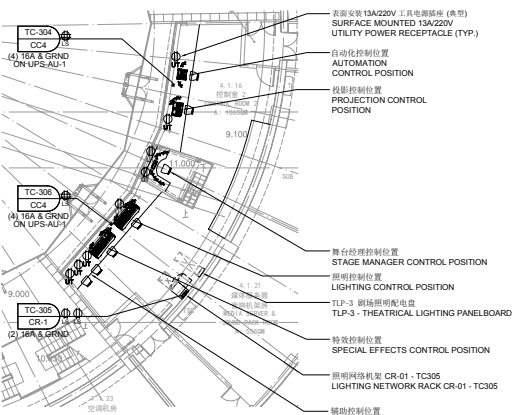
2 典型栅顶层电缆桥架详图 TYPICAL GRID LEVEL CABLE TRAY DETAIL

興



2 剧场照明放大平面图-控制室 THEATRICAL LIGHTING ENLARGED PLAN - CONTROL BOOTH

1:100



1 剧场照明放大平面图-调光室 THEATRICAL LIGHTING ENLARGED PLAN - DIMMER ROOM

1:50

符号说明	SYMBOL KEY
	TYPICAL CONTROL DEVICE
	TYP DISTRIBUTION DEVICE - DIMMED
	TYP DISTRIBUTION DEVICE - SWITCHED
	DEVICE LOCATION
	DEVICE NUMBER
	DEVICE TYPE
	CIRCUIT TYPE & QTY & ROUTING
完整缩写	TYPE ABBREVIATIONS
TC 控制	TC CONTROL
CR 控制台连接板	CR CONSOLE CONNECTION PANEL
CR 控制板	CR CONTROL RACK
EP 接入板	EP ENTRY PANEL
ET 以太网接口	ET ETHERNET TAP
HL 灯台板	HL HOUSE LIGHTING PANEL
PP 预设板	PP PRESET PANEL
TD 调光器-调光设备	TD DISTRIBUTION - DIMMED
TD 调光器-开关设备	TD DISTRIBUTION - SWITCHED
LT 照明线路板	LT LIGHTING TRANSFER PANEL
MSB 多路闪光	MSB MULTIBOX W/ FLUSH SOCKETS
PBR 插板	PBR PLUGGING BOX W/ SOCKETS
PSR 插板	PSR STRIPP STRIP W/ SOCKETS
一般说明	GENERAL NOTES
1. 本图照明的照明系统是基于“每个电路的一个光源”的概念，每个电路的符号表示相同的一个光源和接线图。	1. THE LIGHTING SYSTEM SHOWN ON THIS SHEET IS BASED ON A "DIMMER PER CIRCUIT" CONCEPT. EACH CIRCUIT'S WIRE IS WIDED TO DIMMER RACK SLOT WITH THE SAME NUMBER DESIGNATION.
2. 所有板、接线、安装、端盖和线路的线路端由电气规范，除非另有说明。	2. ALL TRUNKING, WIRING, MOUNTING, POWER FEEDS AND LINE VOLTAGE TERMINATIONS BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED
3. 所有配电柜应指示电气规格和图例。	3. REFER TO ELECTRICAL SPECS & DRAWINGS FOR ALL PANELBOARD & EQUIPMENT
4. 所有负载和终端由终端由终端板承担负载，除非另有说明。	4. ALL DEVICES & CONTROL W/RE TERMINATIONS BY THEATRICAL LIGHTING CONTRACTOR EXCEPT AS NOTED
5. 盒盖的规格尺寸和接线端类型和数量由终端板图例承担负载。	5. EXACT SPECS OF BOX BACKS AND FINAL WIRE TYPES AND QUANTITIES WILL BE VERIFIED BY THEATRICAL LIGHTING CONTRACTOR
6. 所有有电线路应有单独的电线和中性线并回到光源。	6. ALL PARALLEL CIRCUITS MUST HAVE INDIVIDUAL HOT AND NEUTRAL CONDUCTORS WHICH HOMERUN TO THE DIMMER RACK
7. 现场情况实际的尺寸和条件。	7. FIELD VERIFY ALL DIMENSIONS & CONDITIONS
8. 所有中性线允许共用的特性，每个电路均有单独的电线和中性线并回到光源。	8. NO COMMON NEUTRALS PERMITTED IN WIRING DEVICES. EACH CIRCUIT MUST HAVE INDIVIDUAL NEUTRAL CONDUCTORS THAT HOMERUN TO DIMMER RACK
9. 所有外露元素应通过处理为防火、黑色、漆布有说明。	9. ALL EXPOSED ELEMENTS TO BE FINISHED FATE FLAME RETARDANT OTHERWISE NOTED
10. 照明位置上方不允许有接线槽。	10. NO TRUNKING OR TRUNKING SUPPORTS PERMITTED ON LIGHTING POSITIONS
11. 本图提供的图例是为供关于照明场的所有，关于建筑物建造工程信息，请参见建筑物工程图例。	11. THIS DRAWING IS INTENDED TO PROVIDE INFORMATION REGARDING THEATRICAL LIGHTING ONLY. REFER TO ALL APPLICABLE ARCHITECTURAL OR ENGINEERING DRAWINGS FOR ARCHITECTURAL AND ENGINEERING INFORMATION
12. 接线图应包含在设备安装图中由业主和承包商。	12. THEATRICAL LIGHTING CONTRACTOR TO VERIFY ALL WIRE TYPES AND QUANTITIES PRIOR TO INSTALLATION.

在提交这些图纸时, 已完成的协调图尚不能取得, 在制作最终版的图和安装设备之前, 承包须取得 IPFR 的最终协调图。而在现场核实与本章工作相关的所有条件和尺寸。

COMPLETED COORDINATION GROUND PLANS WERE NOT AVAILABLE AT THE TIME OF ISSUE OF THESE DRAWINGS. CONTRACTOR SHALL BE REQUIRED TO COORDINATE THEIR WORK WITH FINAL IPFR DRAWINGS, FIELD VERIFY ALL CONDITIONS AND DIMENSIONS RELATED TO THE WORK OF THIS SECTION PRIOR TO COMPLETING FINAL SHOP DRAWINGS AND INSTALLING EQUIPMENT.

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yuxsean@gmail.com

