

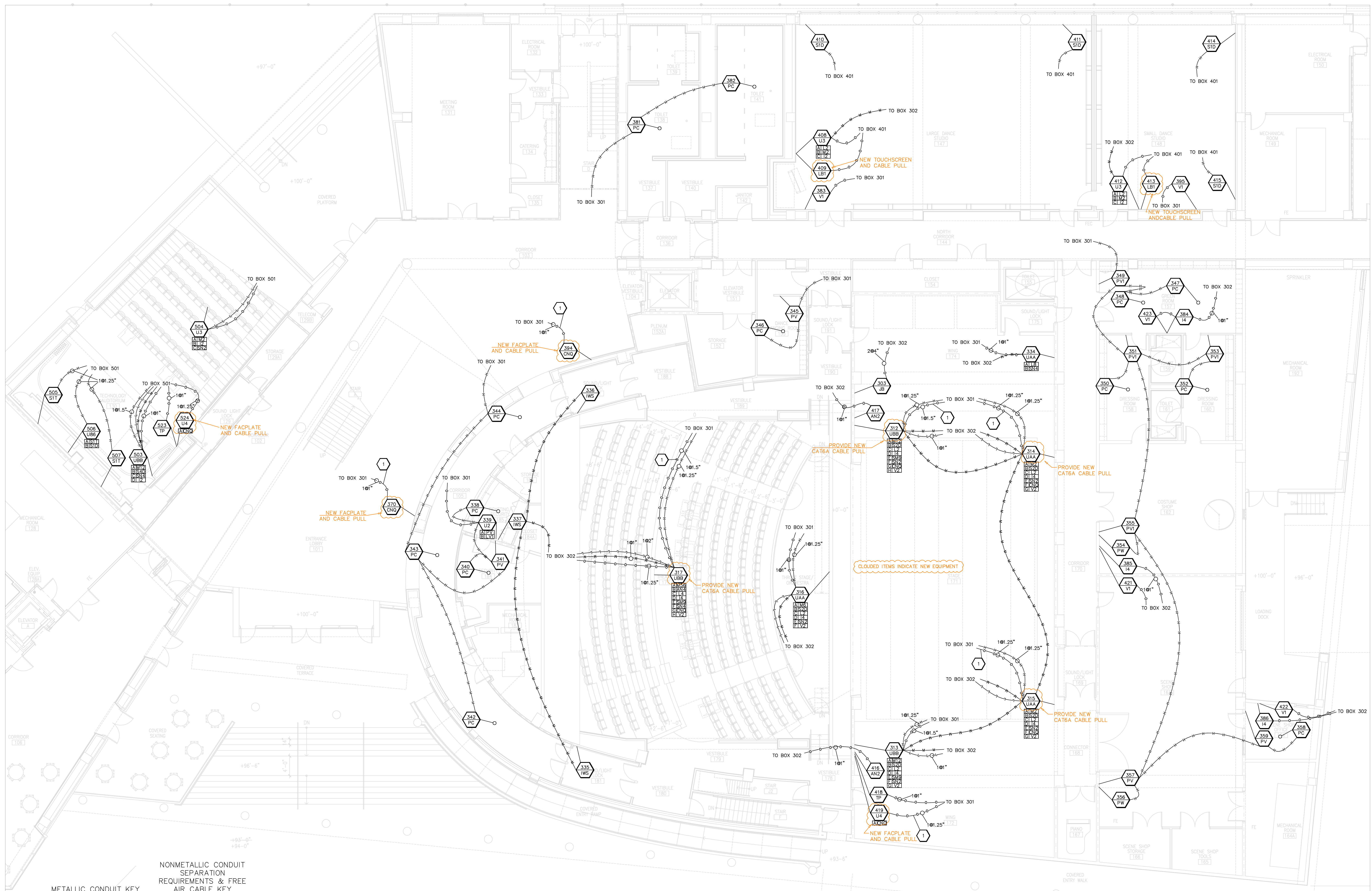
CHALMETTE
CULTURAL
ARTS
CENTER
2600 Palmisano Blvd
Chalmette, LA 70043

REVISION HISTORY	
DATE	DESCRIPTION

DATE: April 28, 2025
TYPE: CONSTRUCTION DOCUMENTS
DRAWN: TJK
SCALE:

PERFORMANCE AV
GENERAL ARRANGEMENT
FIRST FLOOR PLAN

PAV001



METALLIC CONDUIT KEY

—●—●—●—	LOW LEVEL
—■—■—■—	MEDIUM LEVEL
—□—□—□—	HIGH LEVEL
—○—○—○—	OTHER LEVEL
—110—110—	110V - 277V
—SCR—SCR—	110V SCR

CONDUIT SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL
MEDIUM LEVEL	12"	—	—	—
HIGH LEVEL	24"	12"	—	—
OTHER LEVEL	24"	12"	12"	—
110V-277V	36"	24"	12"	24"
110V SCR	48"	36"	24"	36"
WATER PIPE	6"	6"	6"	6"
DUCT & HEAT SOURCE	12"	12"	12"	12"

NONMETALLIC CONDUIT SEPARATION REQUIREMENTS & FREE AIR CABLE KEY

—LF—LF—	LOW LEVEL
—MF—MF—	MEDIUM LEVEL
—HF—HF—	HIGH LEVEL
—OF—OF—	OTHER LEVEL
—110V—110V—	110V - 277V
—SCR—SCR—	110V SCR - MULTICABLE

WIRE SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL
MEDIUM LEVEL	18"	—	—	—
HIGH LEVEL	36"	18"	—	—
OTHER LEVEL	36"	18"	18"	—
110V-277V	54"	36"	18"	36"
110V SCR	72"	54"	36"	54"
WATER PIPE	6"	6"	6"	6"
DUCT & HEAT SOURCE	12"	12"	12"	12"

SYMBOLS KEY:

- 11969
- BOX NUMBER
 - AUDIO / VIDEO CIRCUIT BOX
 - FACEPLATE
 - OPTIONAL SUB BOX
 - SERVICE & CIRCUIT COUNT
 - SUB BOX CODE
 - DISTRIBUTED SPEAKER BOX
 - CEILING MOUNT
 - FLOOR MOUNT
 - CONDUIT STUB OUT
 - EQUIPMENT RACK
 - AUDIO MIXING CONSOLE

NOTES:

- BOXES $\frac{XXX}{XXX}$ CONNECT TO $\frac{XXX}{XX}$ VIA $\frac{3}{4}$ " METALLIC CONDUIT WITH PULL LINE UNLESS OTHERWISE NOTED.
- "GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.
- 1 PROVIDE 2-GANG JB INTERNAL TO RUN FOR EVERY 200' OF CONDUIT. CONDUIT LENGTH NOT TO EXCEED 600'.
- SEE SCHEDULE 11969-BL IN SECTION 16581 FOR BACKBOX TYPE, MOUNTING CONDITIONS, ETC.

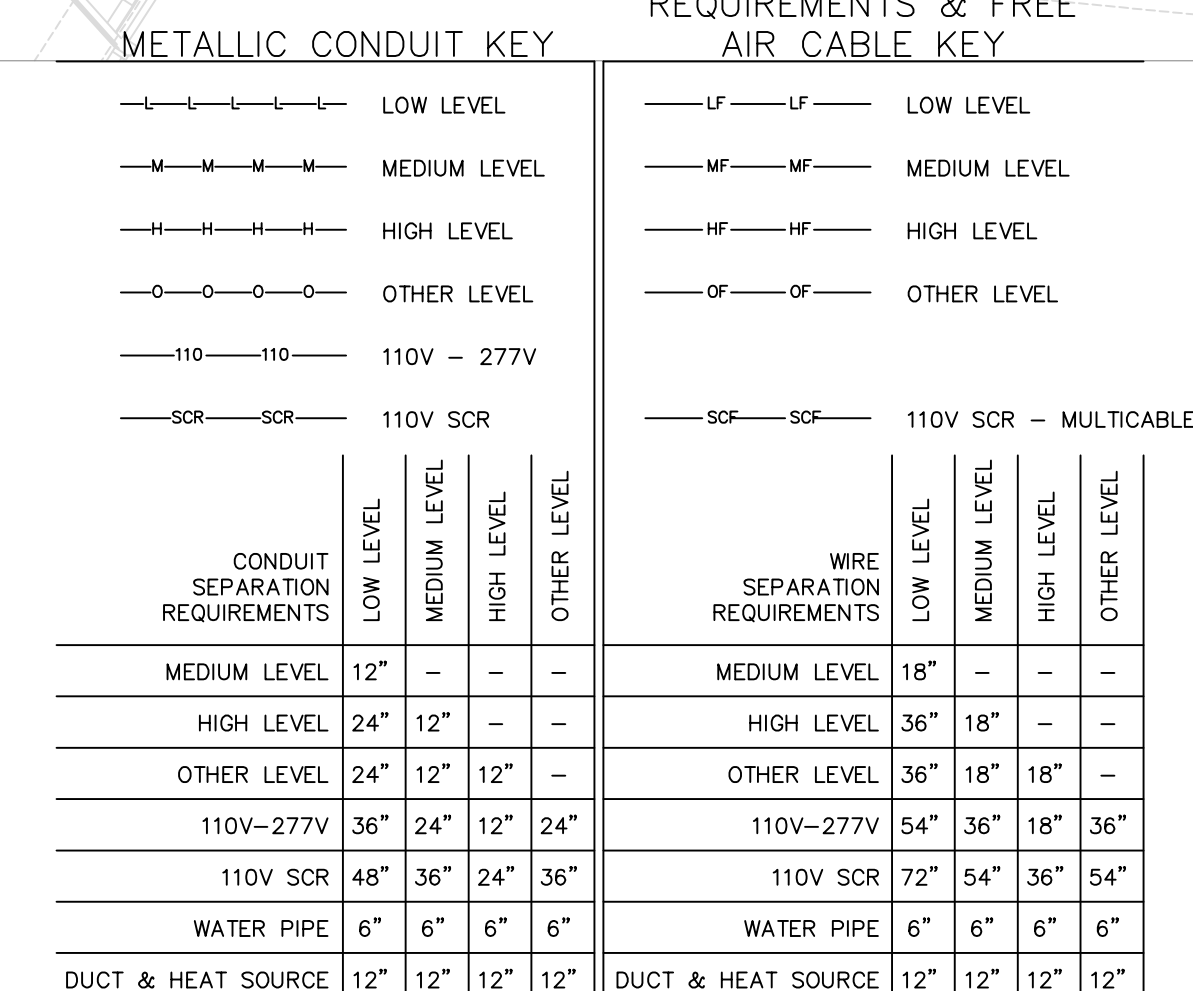


SVC ELECTRICAL - FIRST FLOOR PLAN

TSE101 1/8" = 1'-0"

REVISION HISTORY	
DATE	ISSUE

PERFORMANCE AV
GENERAL ARRANGEMENT
SECOND FLOOR PLAN



11969

999 BOX NUMBER
xxx AUDIO / VIDEO CIRCUIT BOX
11969 FACEPLATE
11969 OPTIONAL SUB BOX
11969 SERVICE & CIRCUIT COUNT
11969 SUB BOX CODE

51 DISTRIBUTED SPEAKER BOX

○ CEILING MOUNT

* FLOOR MOUNT

Ⓢ CONDUIT SUB OUT

SOUND RACK EQUIPMENT RACK

MIXER AUDIO MIXING CONSOLE

BOXES NOTED.  CONNECT TO  VIA $\frac{3}{4}$ " METALLIC CONDUIT WITH PULL LINE UNLESS OTHERWISE NOTED.

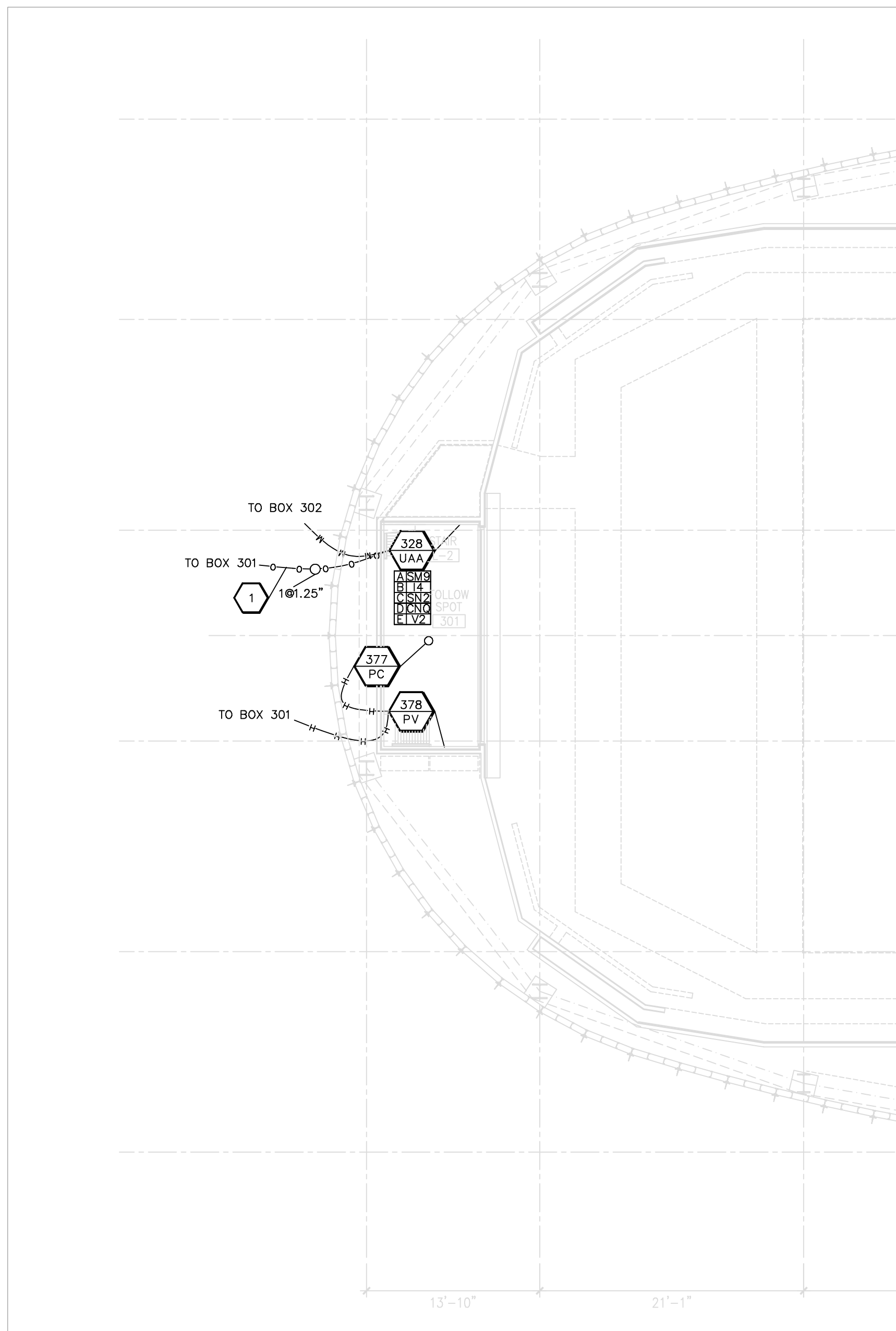
"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.

 PROVIDE 2-GANG JB INTERNAL TO RUN FOR EVERY 200' OF CONDUIT. CONDUIT LENGTH NOT TO EXCEED 600'

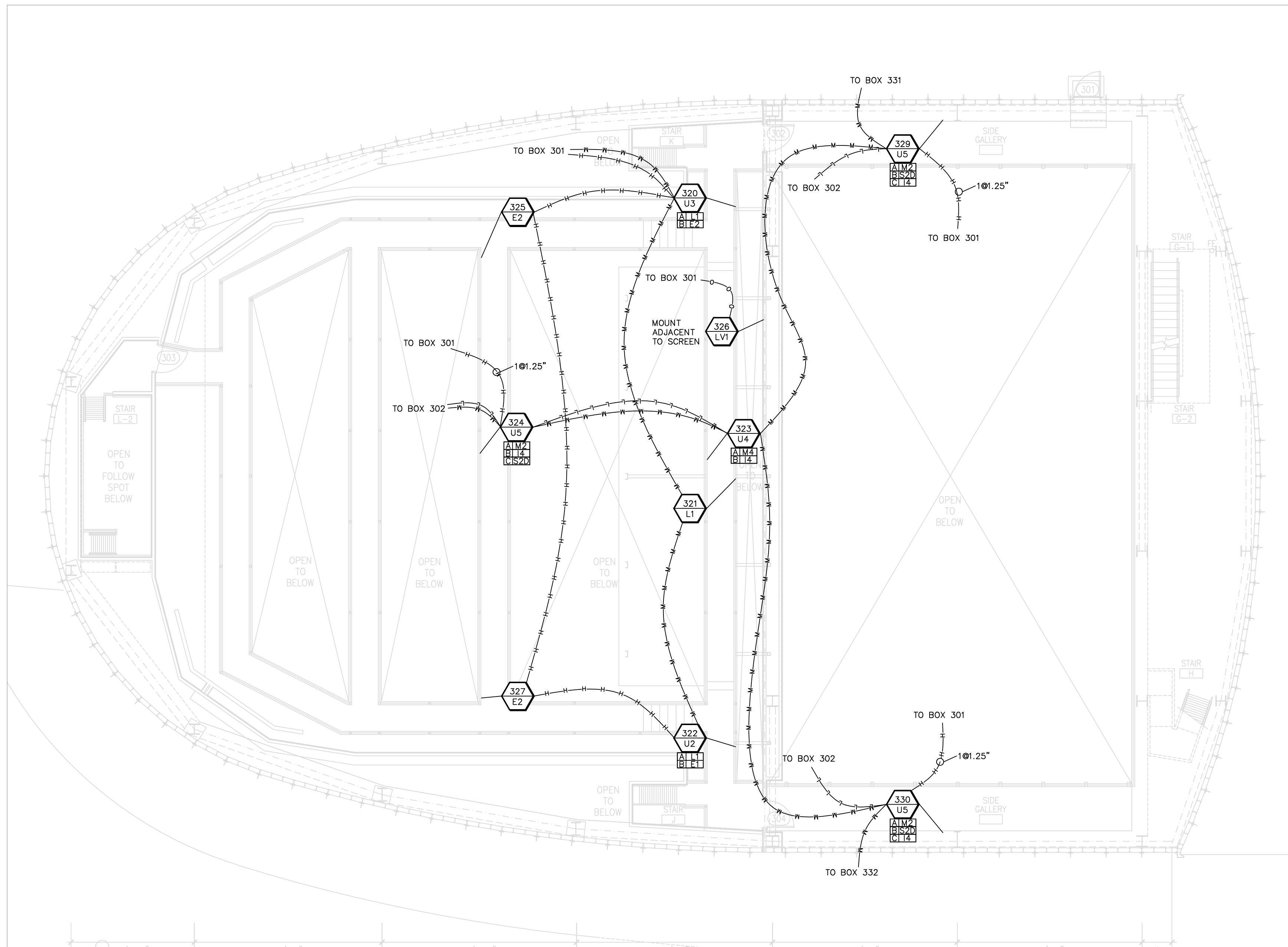
SEE SCHEDULE 11669-BL IN SECTION 16581 FOR BACKBOX TYPE, MOUNTING CONDITIONS.



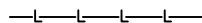
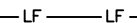
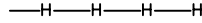
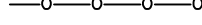
PAV GENERAL ARRANGEMENT - SECOND FLOOR PLAN



1 PAV GENERAL ARRANGEMENT - THIRD FLOOR PLAN
TSE103 1/8" = 1'-0" FOLLOWSPOT BOOTH



2 PAV GENERAL ARRANGEMENT - THIRD FLOOR PLAN
TSE103 1/8" = 1'-0" CATWALKS

METALLIC CONDUIT KEY				NONMETALLIC CONDUIT SEPARATION REQUIREMENTS & FREE AIR CABLE KEY					
	LOW LEVEL		LOW LEVEL						
	MEDIUM LEVEL		MEDIUM LEVEL						
	HIGH LEVEL		HIGH LEVEL						
	OTHER LEVEL		OTHER LEVEL						
—110—110—	110V - 277V								
—SCR—SCR—	110V SCR	—SCR—SCR—	110V SCR - MULTICABLE						
CONDUIT SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL	WIRE SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL
MEDIUM LEVEL	12"	—	—	—	MEDIUM LEVEL	18"	—	—	—
HIGH LEVEL	24"	12"	—	—	HIGH LEVEL	36"	18"	—	—
OTHER LEVEL	24"	12"	12"	—	OTHER LEVEL	36"	18"	18"	—
110V-277V	36"	24"	12"	24"	110V-277V	54"	36"	18"	36"
110V SCR	48"	36"	24"	36"	110V SCR	72"	54"	36"	54"
WATER PIPE	6"	6"	6"	6"	WATER PIPE	6"	6"	6"	6"
DUCT & HEAT SOURCE	12"	12"	12"	12"	DUCT & HEAT SOURCE	12"	12"	12"	12"

SYMBOLS KEY:	
11969	BOX NUMBER
999 XXX	AUDIO / VIDEO CIRCUIT BOX
11969	FACEPLATE
11969	OPTIONAL SUB BOX
11969	SERVICE & CIRCUIT COUNT
11969	SUB BOX CODE
S1	DISTRIBUTED SPEAKER BOX
○	CEILING MOUNT
*	FLOOR MOUNT
⊙	CONDUIT STUB OUT
SOUND RACK	EQUIPMENT RACK
MIXER	AUDIO MIXING CONSOLE

NOTES:

BOXES $\frac{XXX}{XXX}$ CONNECT TO $\frac{XXX}{XB}$ VIA $\frac{3}{4}$ " METALLIC CONDUIT WITH PULL LINE UNLESS OTHERWISE NOTED.

*"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.

1 PROVIDE 2-GANG JB INTERNAL TO RUN FOR EVERY 200' OF CONDUIT. CONDUIT LENGTH NOT TO EXCEED 600'

SEE SCHEDULE 11969-BL IN SECTION 16581 FOR BACKBOX TYPE, MOUNTING CONDITIONS, ETC.

CHALMETTE CULTURAL ARTS CENTER

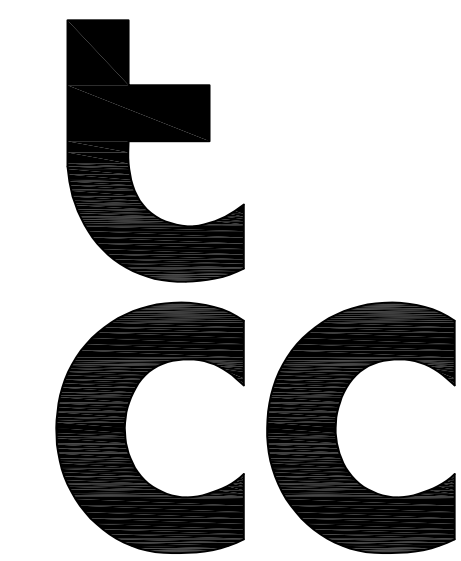
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REVISION HISTORY	
DATE	ISSUE

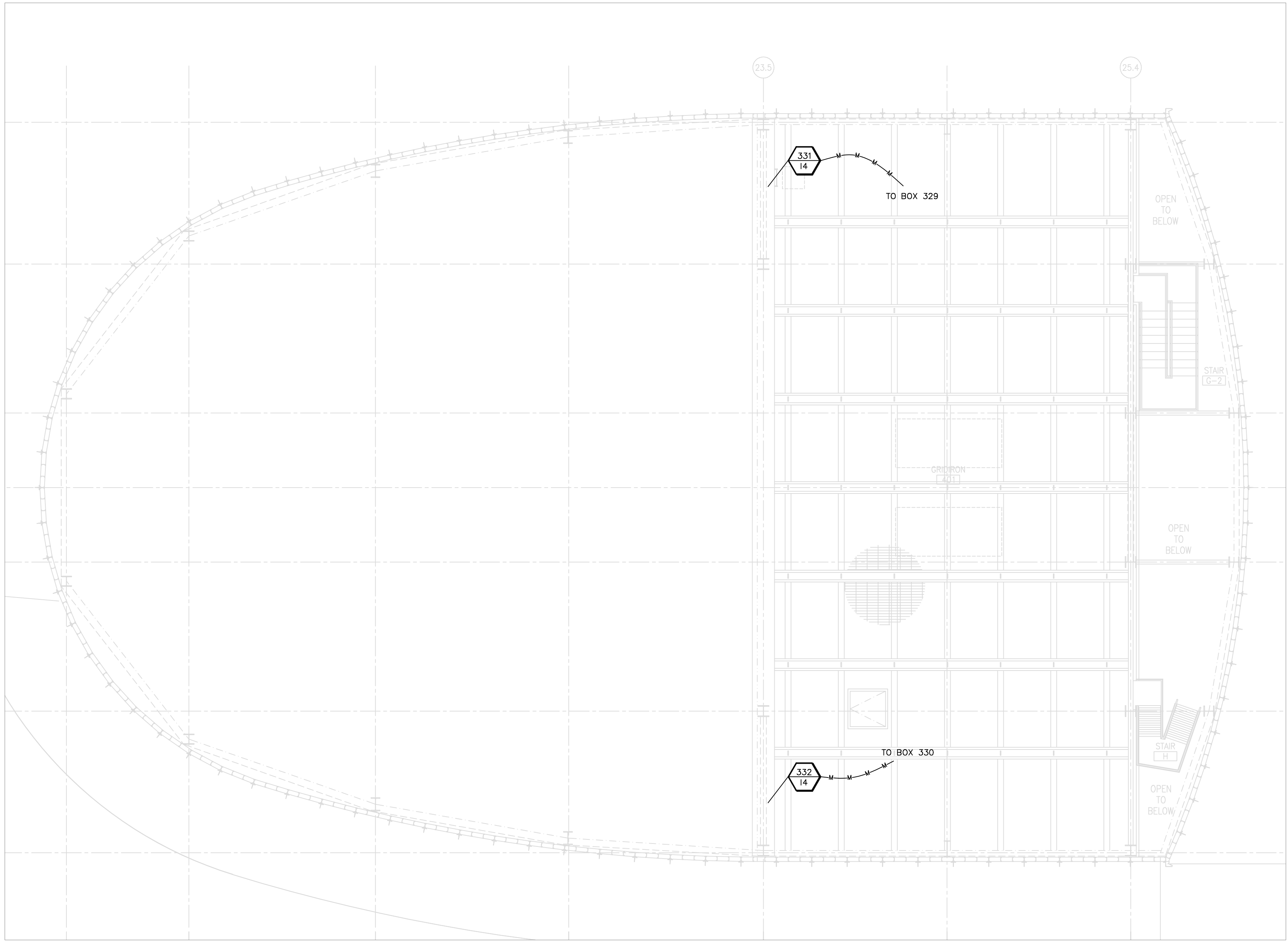
DATE: April 28, 2025
USER: CONSTRUCTION DOCUMENTS
DRAWN: TJK
SCALE:

PERFORMANCE AV
GENERAL ARRANGEMENT
THIRD FLOOR PLAN

PAV003

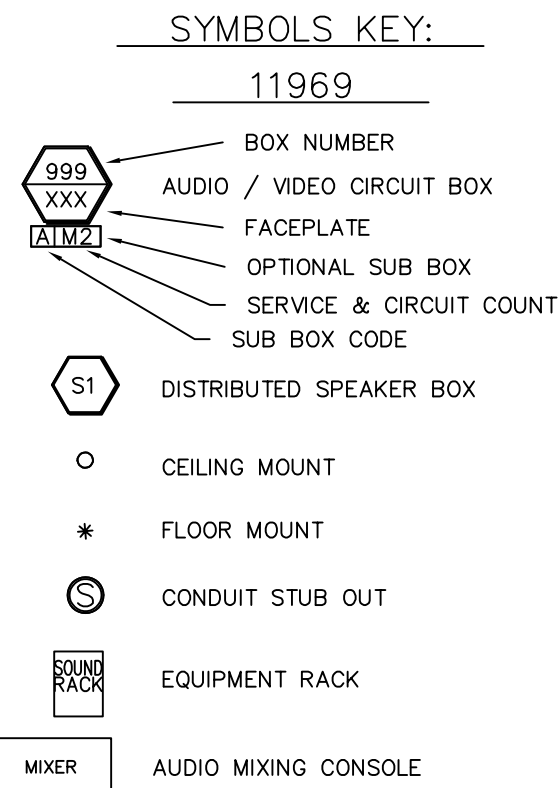


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2 PAV GENERAL ARRANGEMENT - FOURTH FLOOR PLAN
TSE103 1/8" = 1'-0" GRID

METALLIC CONDUIT KEY					NONMETALLIC CONDUIT SEPARATION REQUIREMENTS & FREE AIR CABLE KEY				
—L—L—L—L—	LOW LEVEL				—LF—LF—	LOW LEVEL			
—M—M—M—M—	MEDIUM LEVEL				—MF—MF—	MEDIUM LEVEL			
—H—H—H—H—	HIGH LEVEL				—HF—HF—	HIGH LEVEL			
—O—O—O—O—	OTHER LEVEL				—OF—OF—	OTHER LEVEL			
—110—110—	110V - 277V				—OF—OF—	OTHER LEVEL			
—SCR—SCR—	110V SCR				—OF—OF—	OTHER LEVEL			
CONDUIT SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL	WIRE SEPARATION REQUIREMENTS	LOW LEVEL	MEDIUM LEVEL	HIGH LEVEL	OTHER LEVEL
MEDIUM LEVEL	12"	—	—	—	MEDIUM LEVEL	18"	—	—	—
HIGH LEVEL	24"	12"	—	—	HIGH LEVEL	36"	18"	—	—
OTHER LEVEL	24"	12"	12"	—	OTHER LEVEL	36"	18"	18"	—
110V-277V	36"	24"	12"	24"	110V-277V	54"	36"	18"	36"
110V SCR	48"	36"	24"	36"	110V SCR	72"	54"	36"	54"
WATER PIPE	6"	6"	6"	6"	WATER PIPE	6"	6"	6"	6"
DUCT & HEAT SOURCE	12"	12"	12"	12"	DUCT & HEAT SOURCE	12"	12"	12"	12"



NOTES:

BOXES $\frac{XXX}{XXX}$ CONNECT TO $\frac{XXX}{XB}$ VIA $\frac{3}{4}$ " METALLIC CONDUIT WITH PULL LINE UNLESS OTHERWISE NOTED.

*"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.

1 PROVIDE 2-GANG JB INTERNAL TO RUN FOR EVERY 200' OF CONDUIT. CONDUIT LENGTH NOT TO EXCEED 600'

SEE SCHEDULE 11969-BL IN SECTION 16581 FOR BACKBOX TYPE, MOUNTING CONDITIONS, ETC

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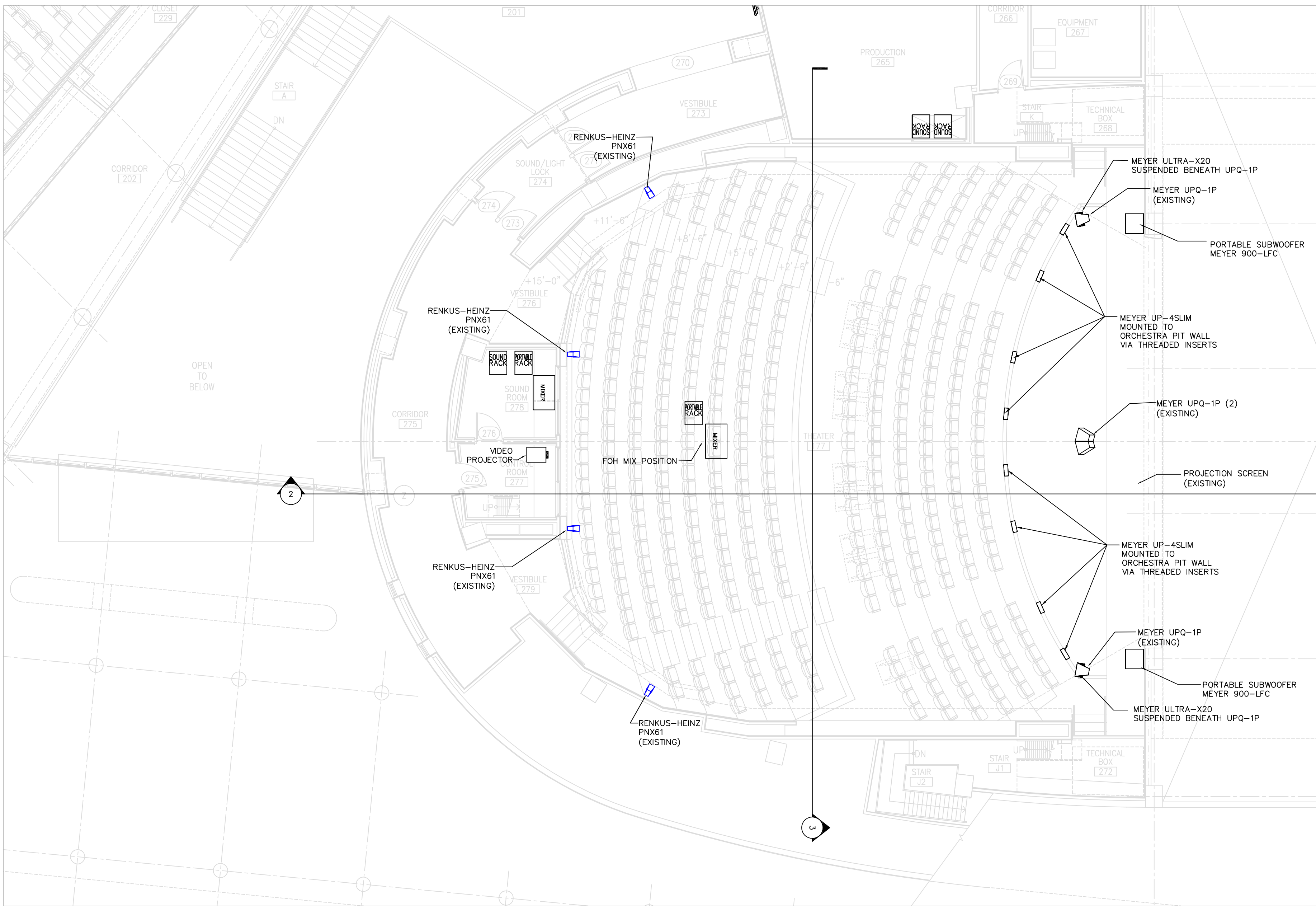
REVISION HISTORY	
DATE	SS06

DATE: April 28, 2025
USER: CONSTRUCTION DOCUMENTS
DRAWN: TJK
SCALE:

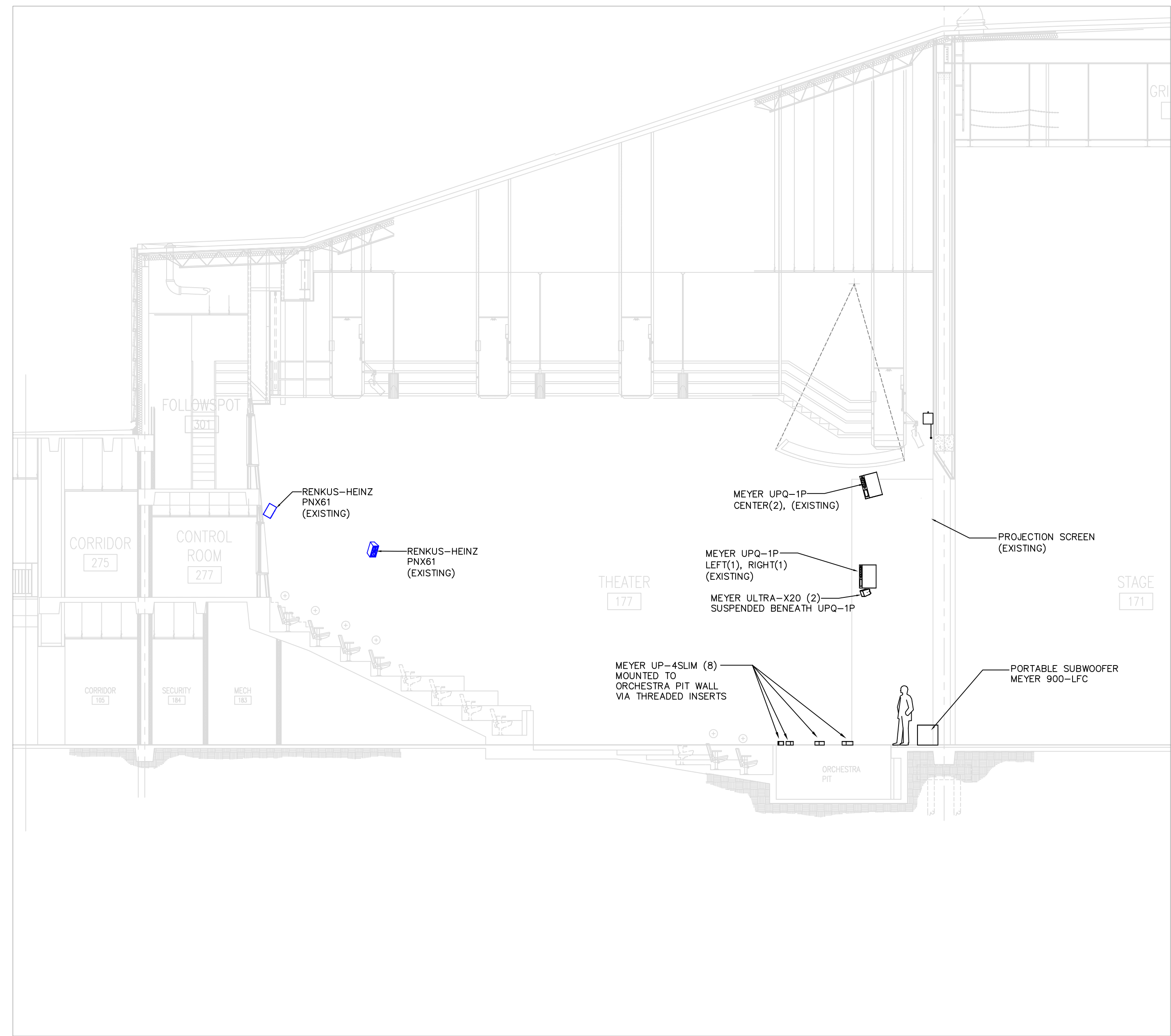
PERFORMANCE AV
GENERAL ARRANGEMENT
FOURTH FLOOR PLAN

PAV004

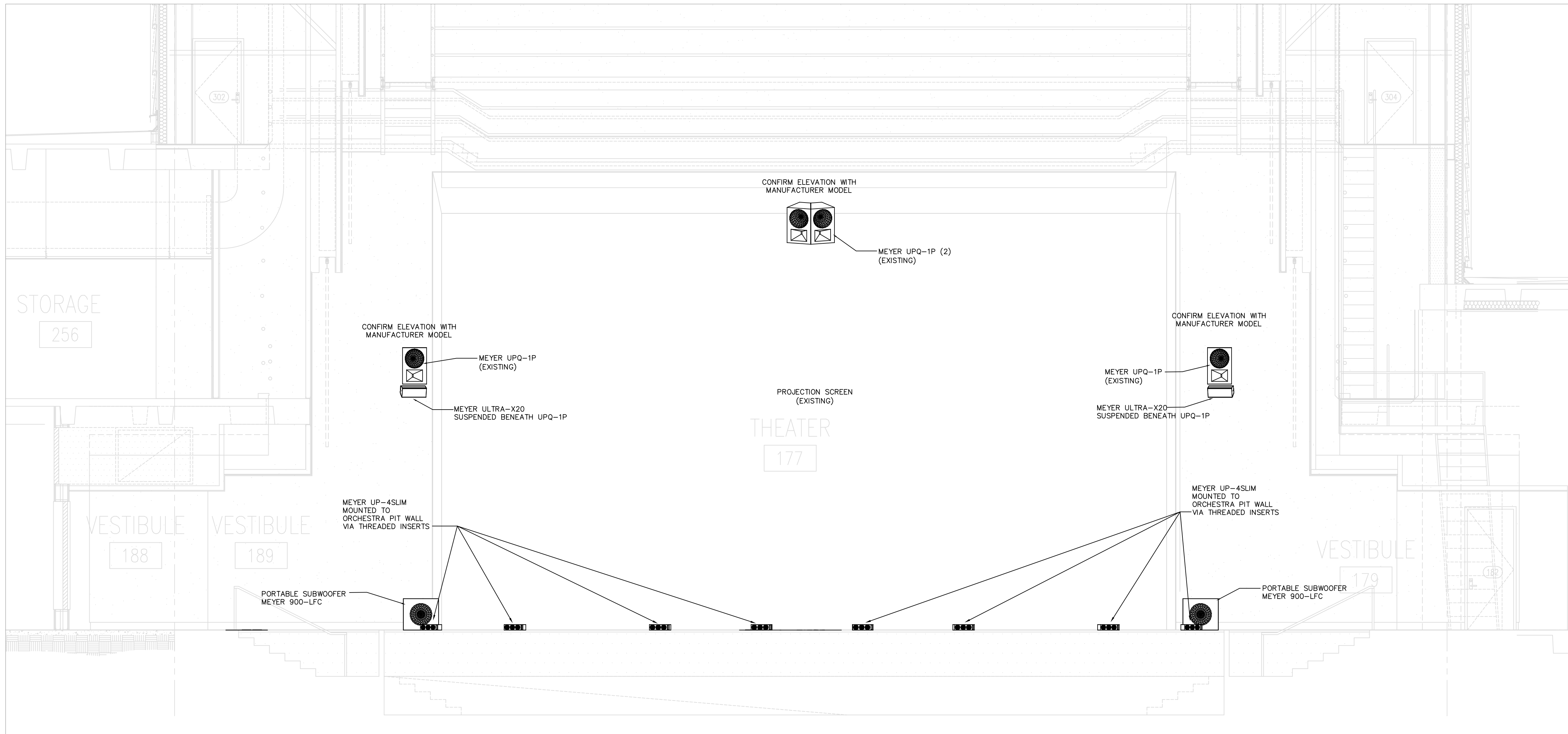
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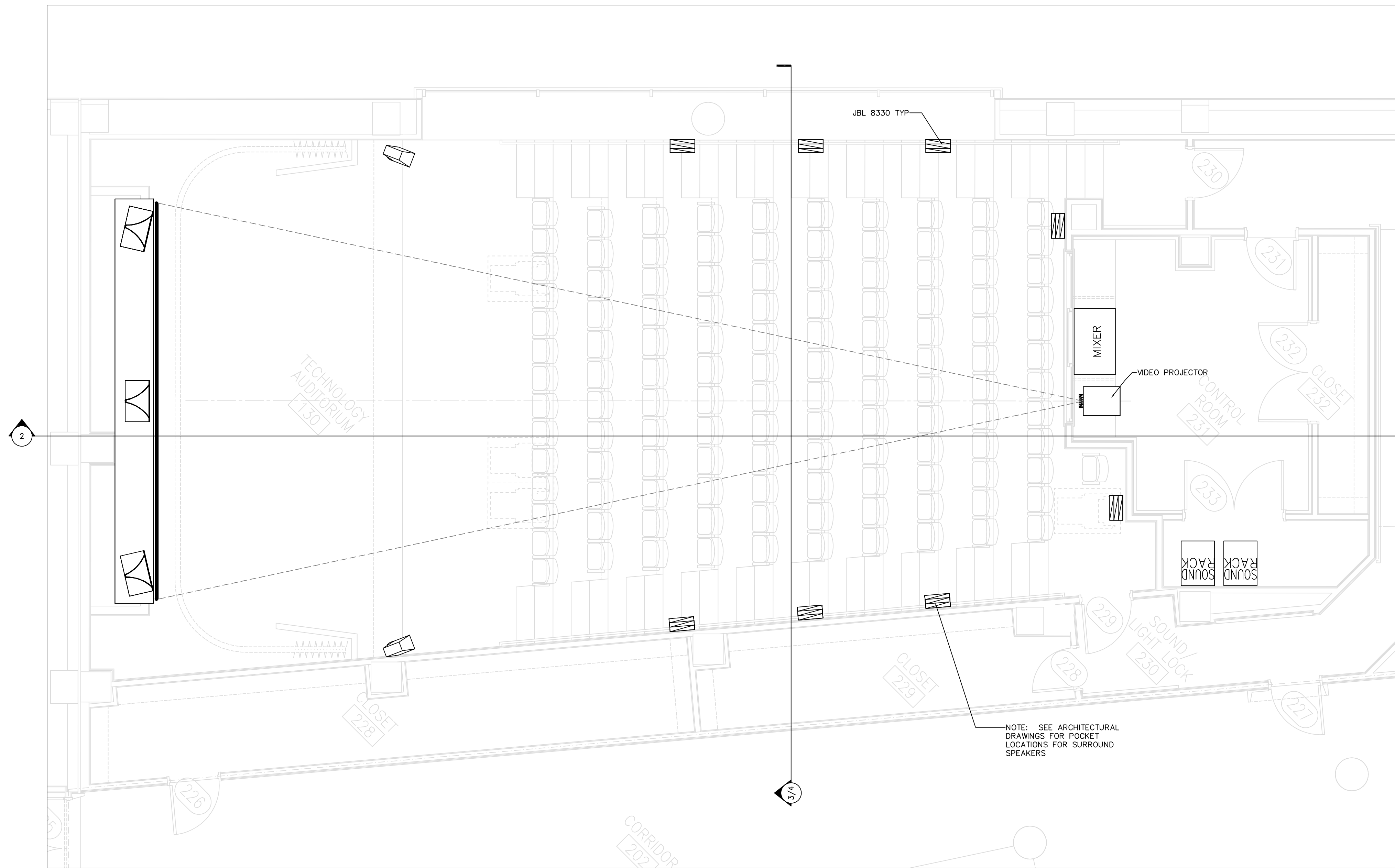


1 SPEAKER PLACEMENT DETAIL - THEATER PLAN
TPS101 1/8" = 1'-0"



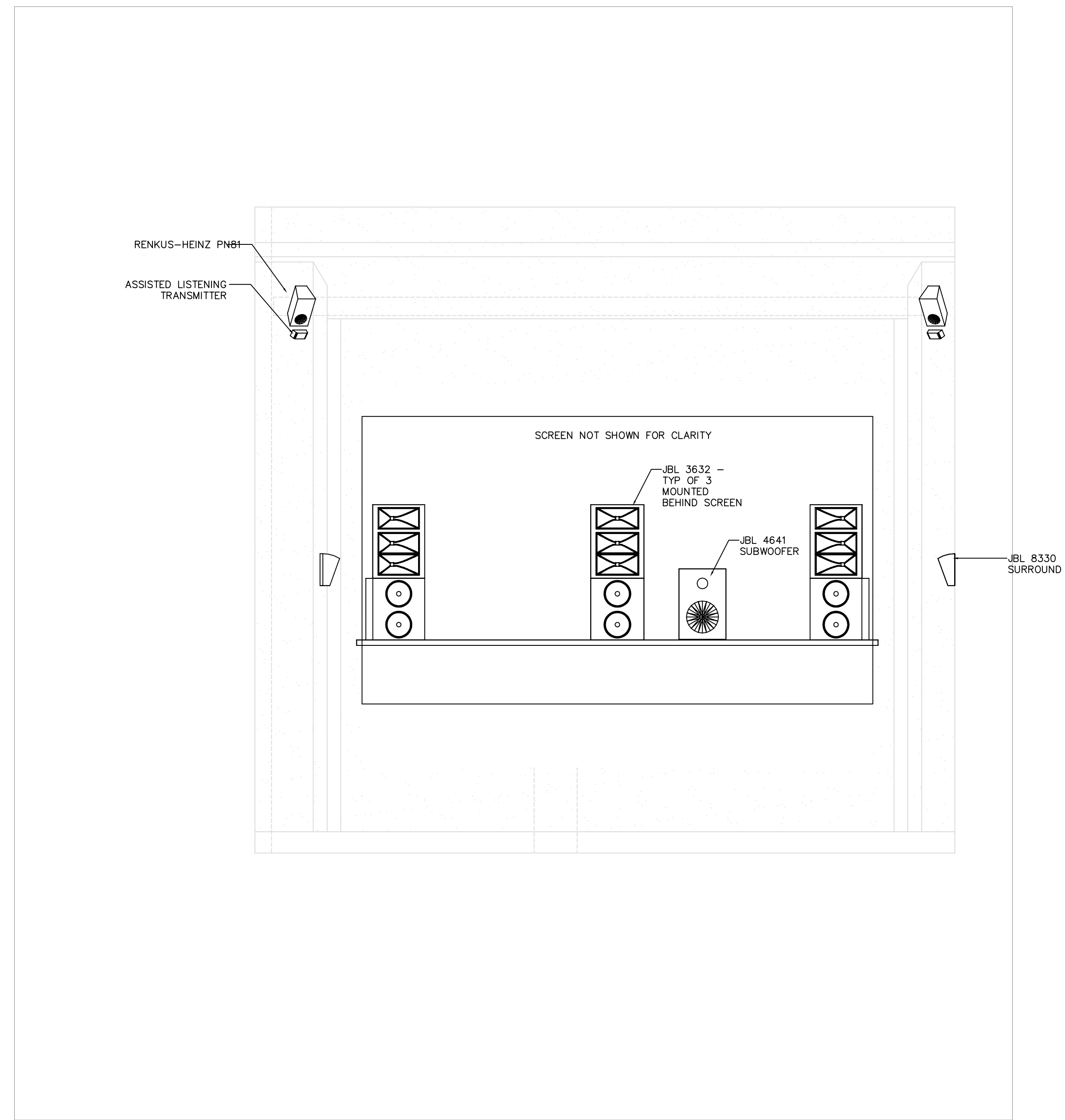
2 SPEAKER PLACEMENT DETAIL - THEATER LONGITUDINAL SECTION
TPS101 1/8" = 1'-0"





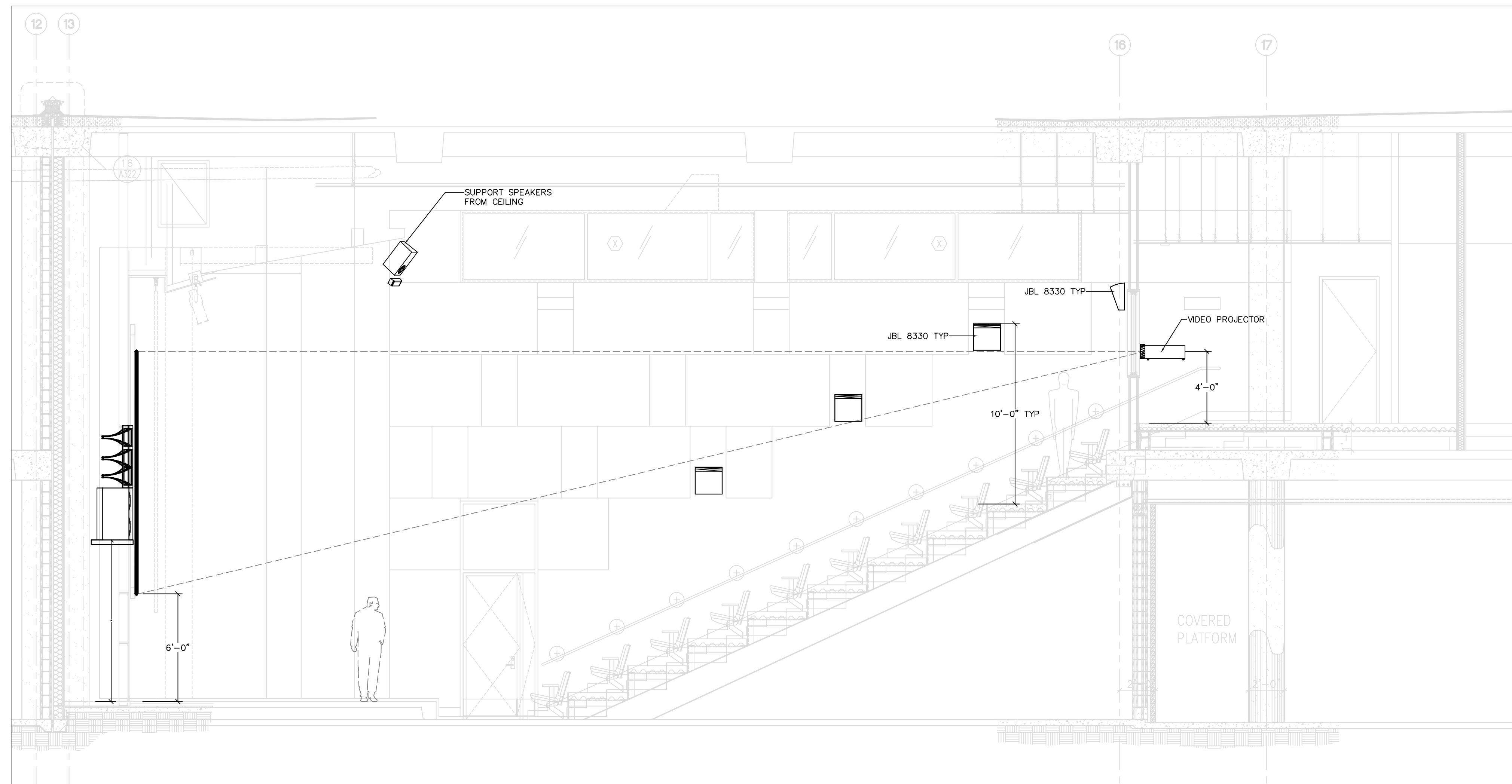
1 SPEAKER / PROJECTION PLACEMENT - TECHNOLOGY THEATER PLAN

TPS102 1/4" = 1'-0"



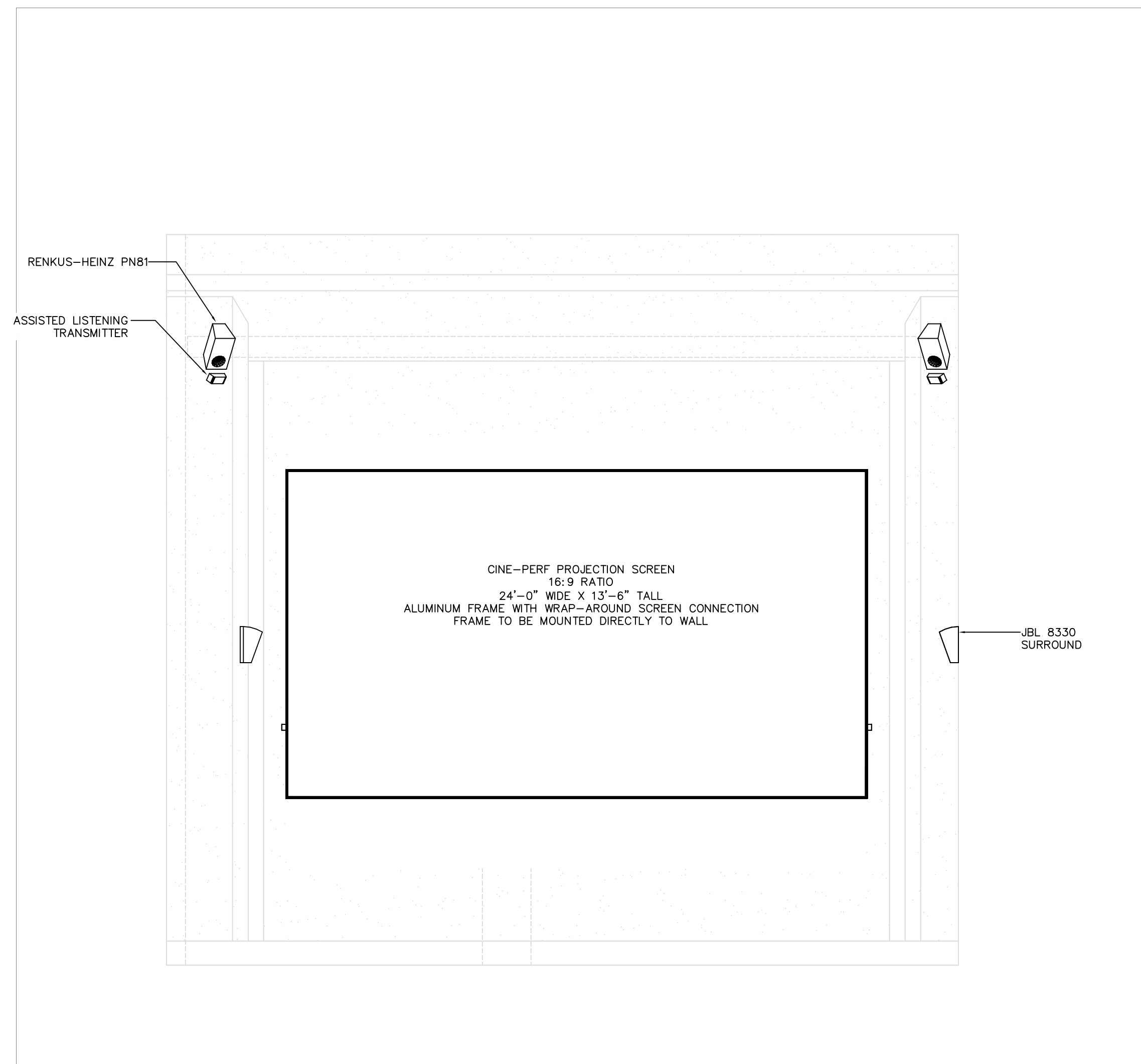
3 SPEAKER / PROJECTION PLACEMENT - TECHNOLOGY THEATER FRONT ELEVATION

TPS102 1/4" = 1'-0"



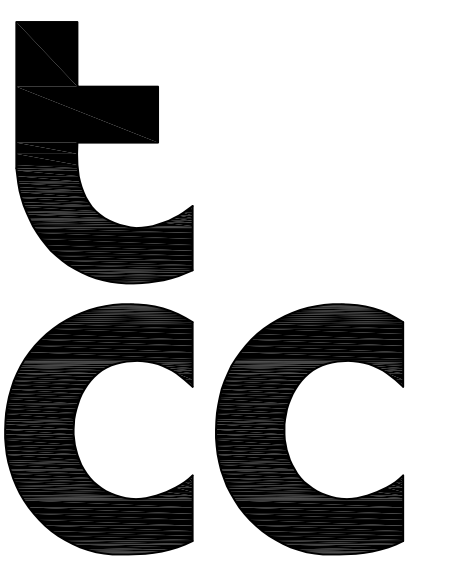
2 SPEAKER / PROJECTION PLACEMENT - TECHNOLOGY THEATER LONGITUDINAL SECTION

TPS102 1/4" = 1'-0"



4 SPEAKER / PROJECTION PLACEMENT - TECHNOLOGY THEATER FRONT ELEVATION

TPS102 1/4" = 1'-0"



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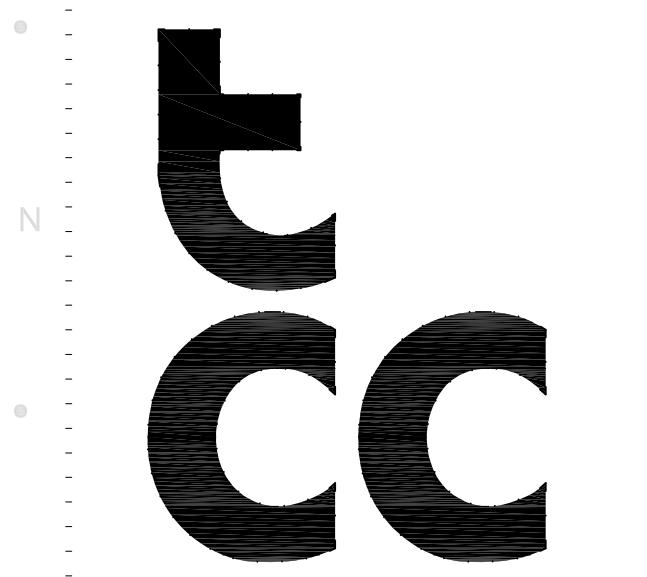
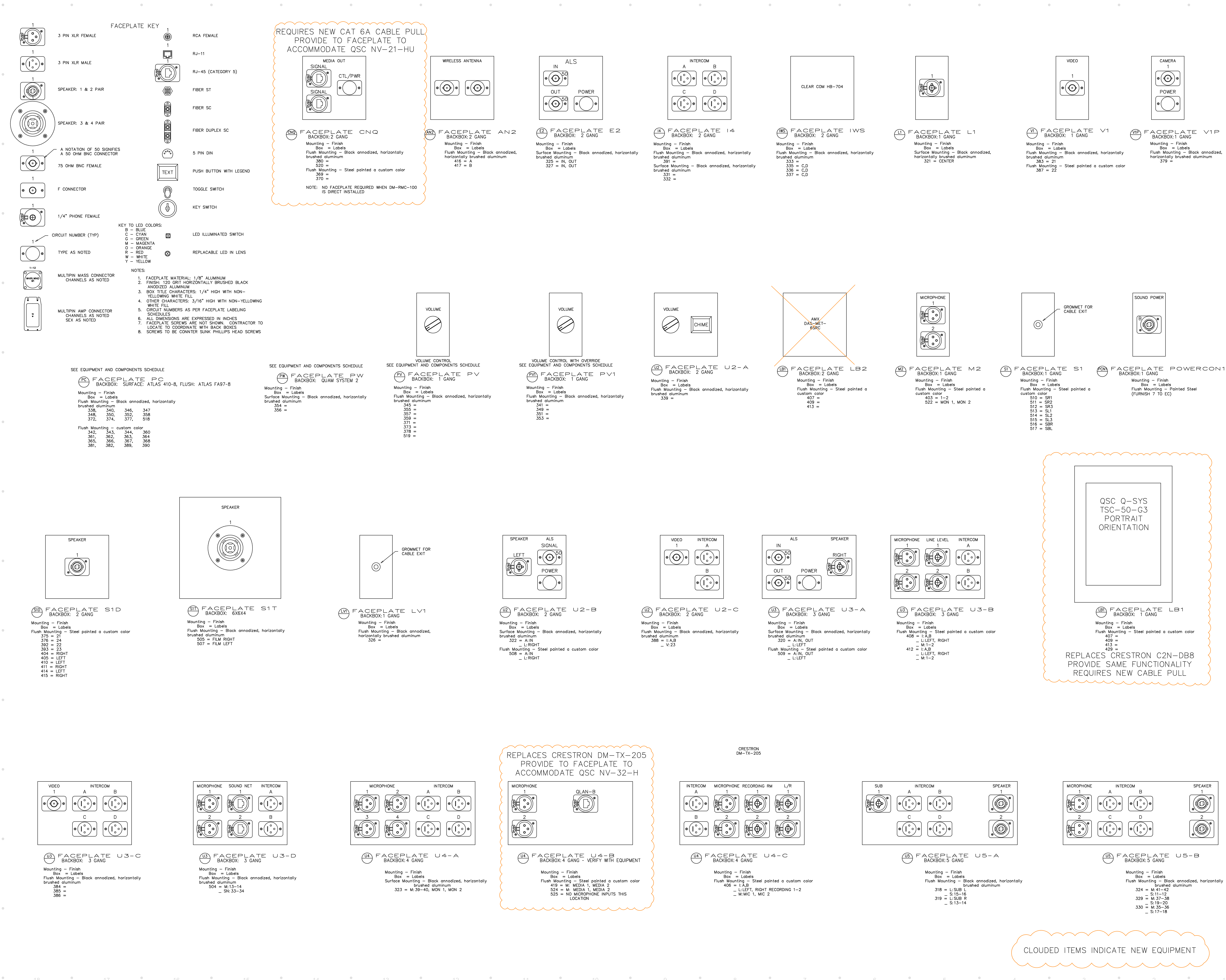
REVISION HISTORY	
DATE	ISSUE

DATE April 28, 2025
ISSUE CONSTRUCTION DOCUMENTS
DRAWN TJK
SCALE

PERFORMANCE AV
TECHNOLOGY THEATRE
SPEAKER / PROJECTION
DETAILS

PAV102

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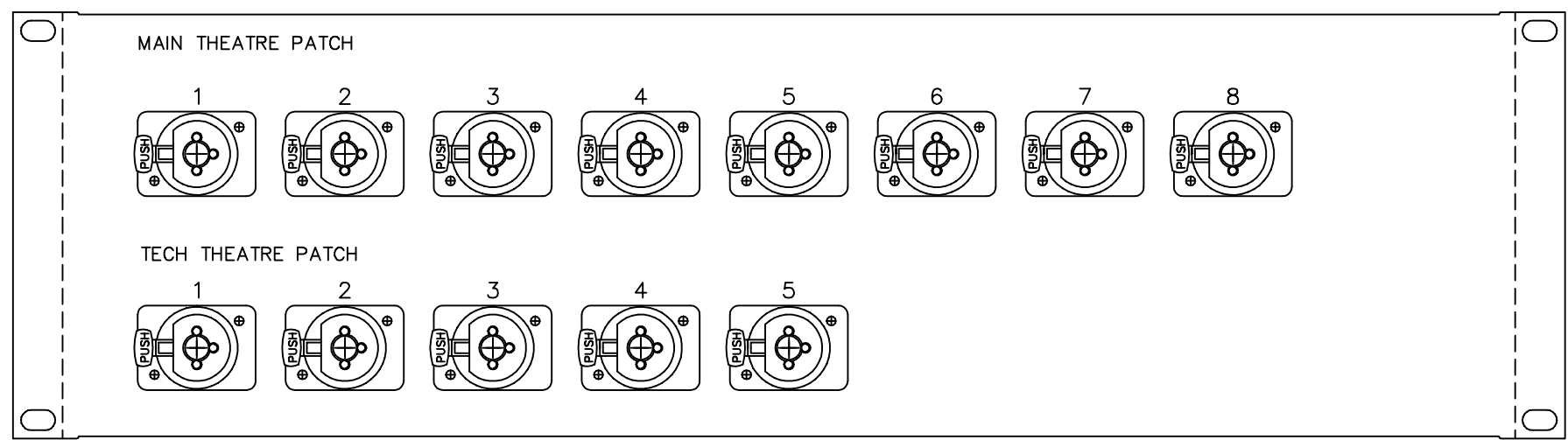
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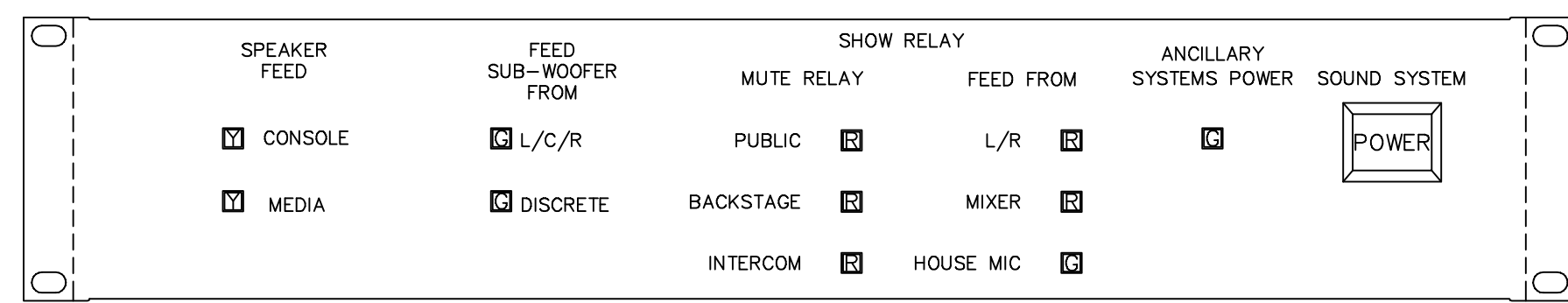
REVISION HISTORY	
DATE	APRIL 28, 2025
ISSUE	CONSTRUCTION DOCUMENTS
DRAWN	TJK
SCALE	

PERFORMANCE AV
FACEPLATES
SHEET 1 OF 3

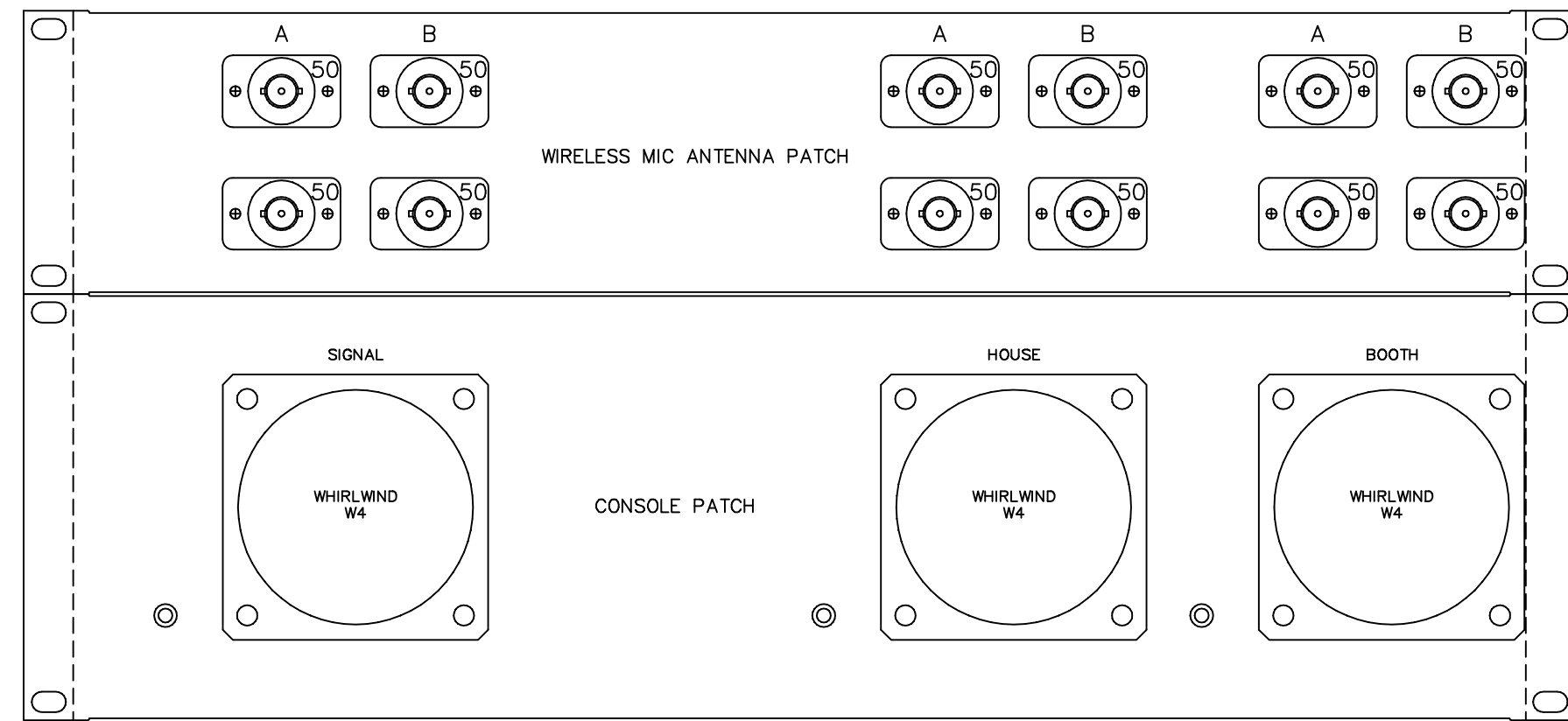
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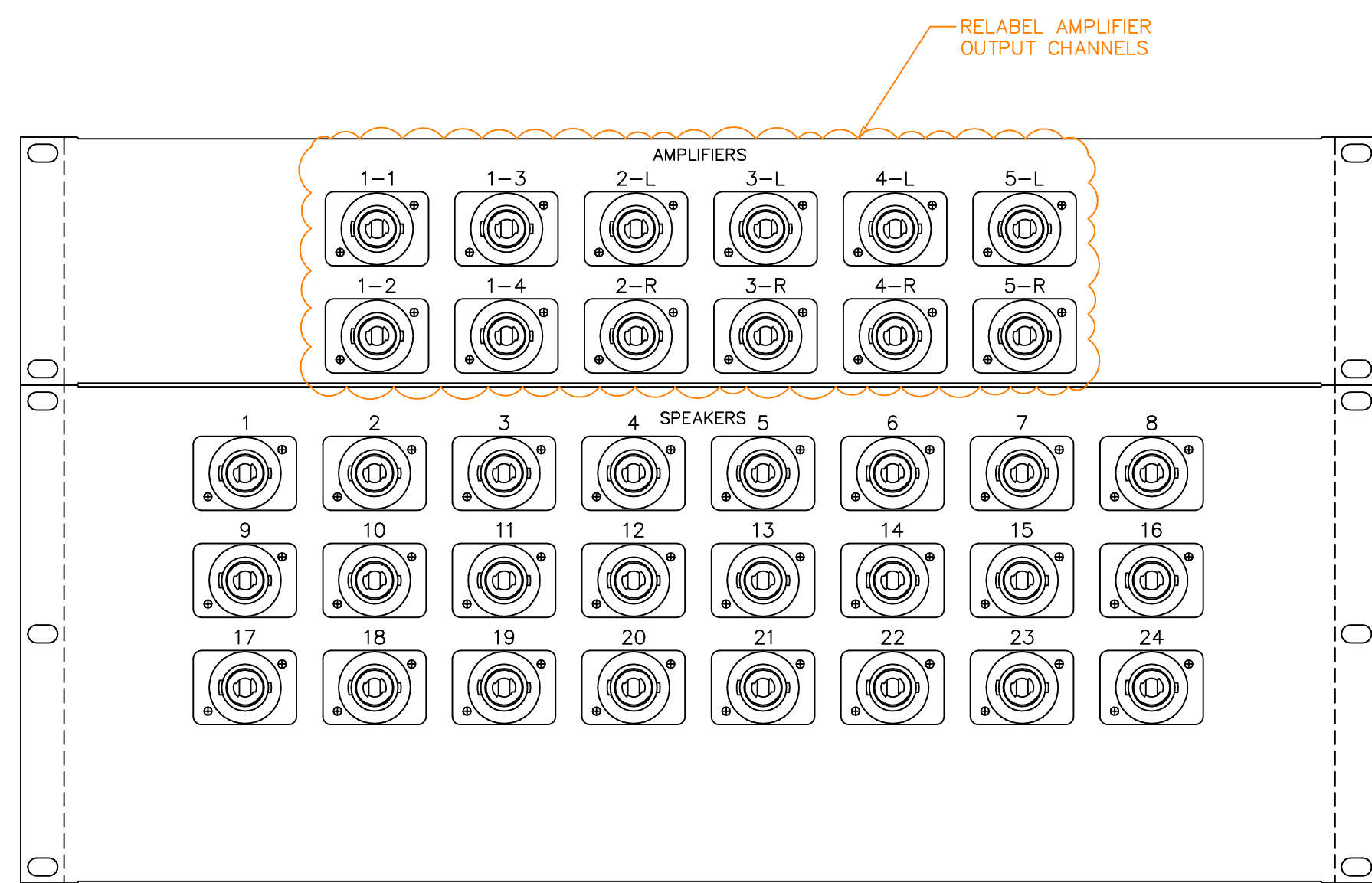
RK13 PRODUCTION PATCH
19" RACK x 3 RACK UNITS



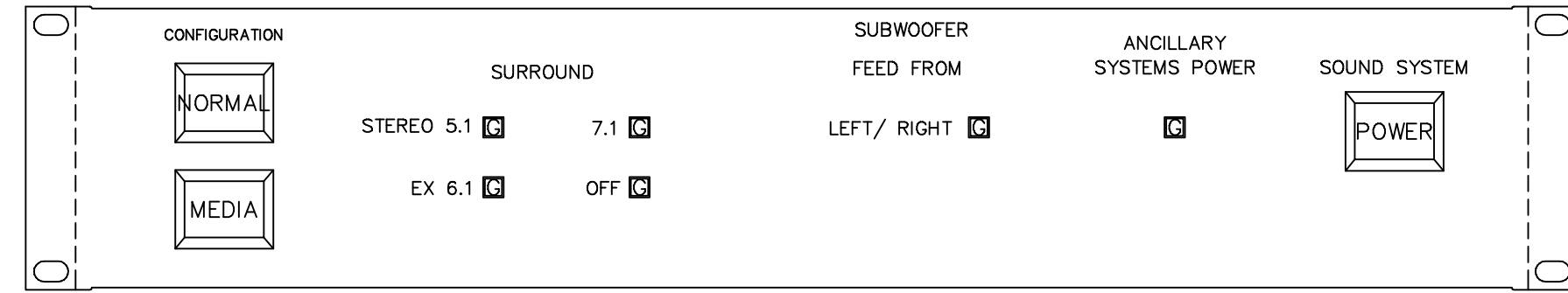
RK14 SOUND SYSTEM CONTROLS - THEATRE
19" RACK x 2 RACK UNITS



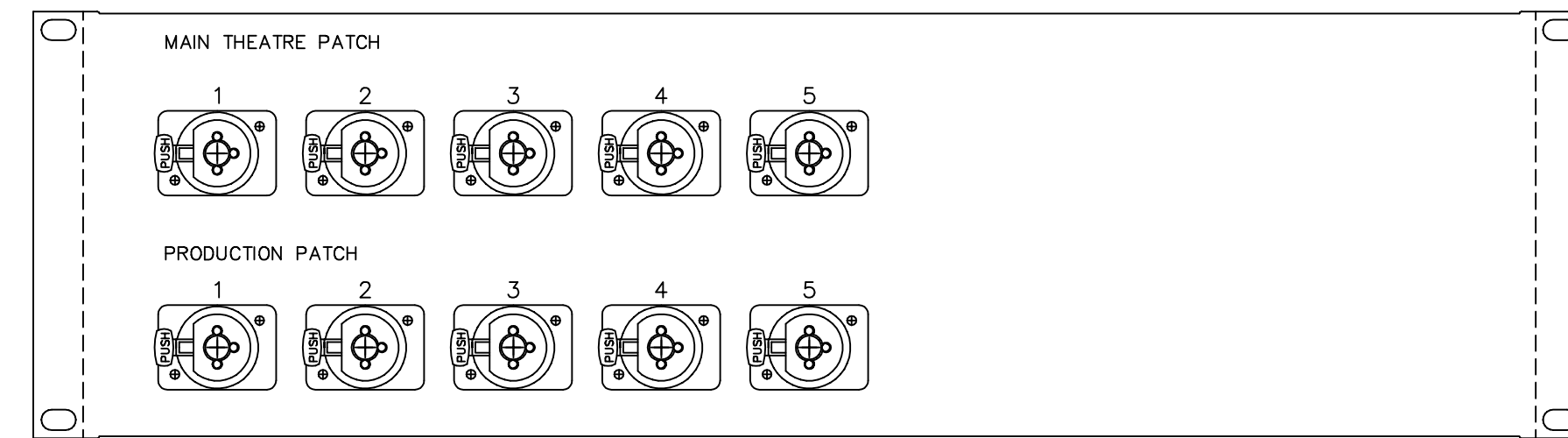
RK17 CONSOLE INTERFACE
19" RACK x 5 RACK UNITS



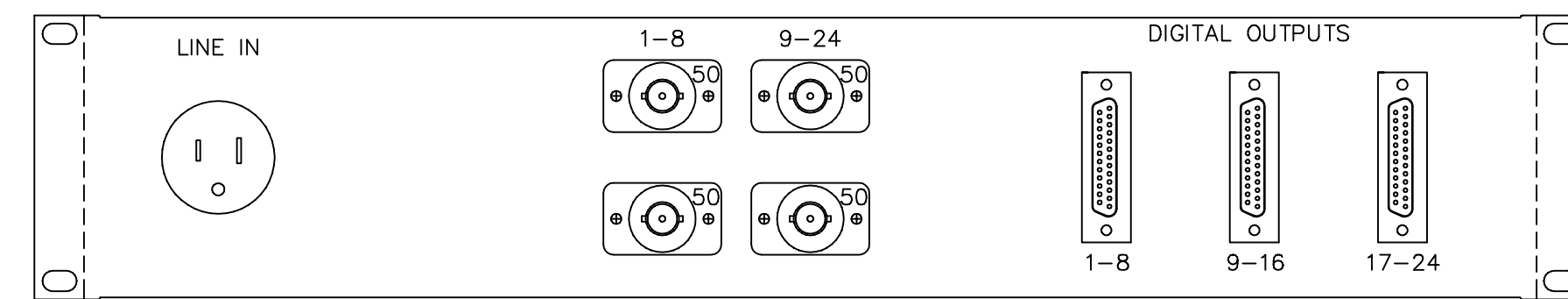
RK11 SPEAKER PATCH
19" RACK x 6 RACK UNITS



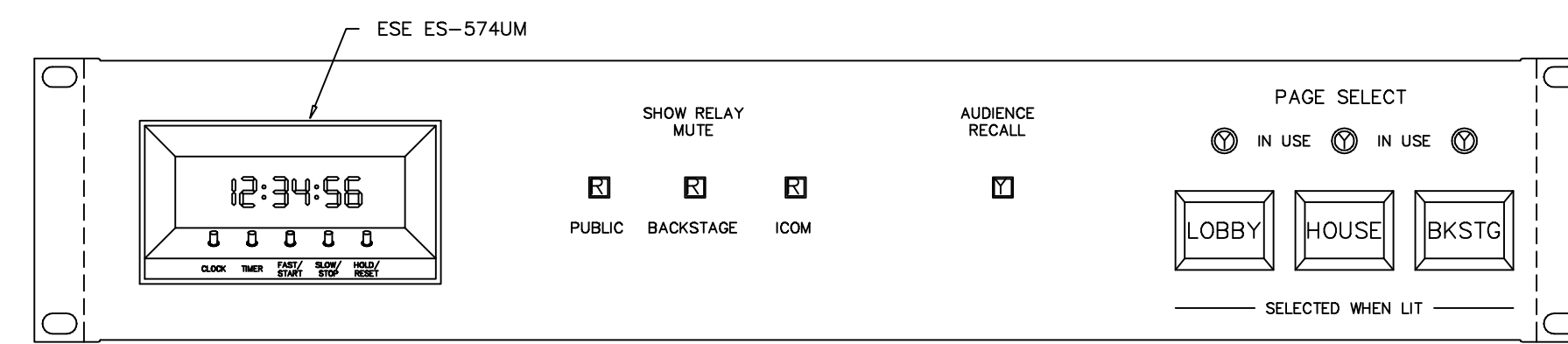
RK20 SOUND SYSTEM CONTROLS - TECH AUDITORIUM
19" RACK x 2 RACK UNITS



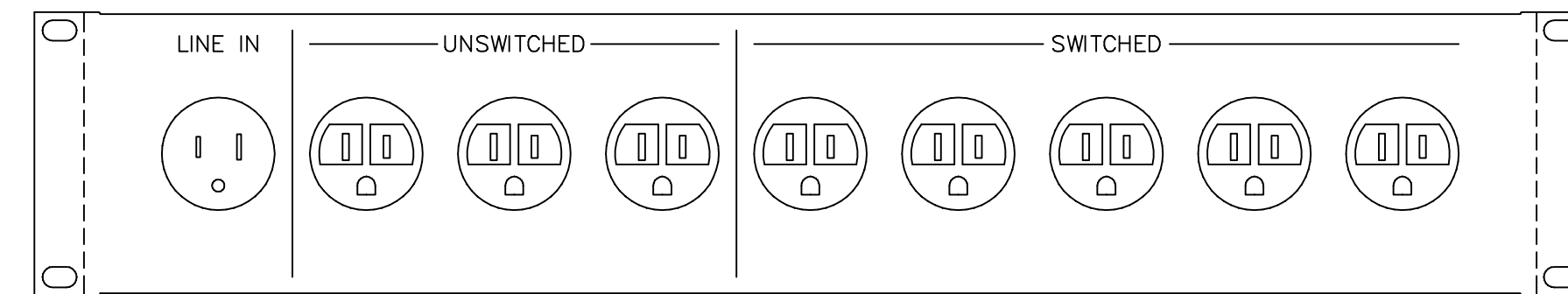
RK12 TECH THEATRE PATCH
19" RACK x 3 RACK UNITS



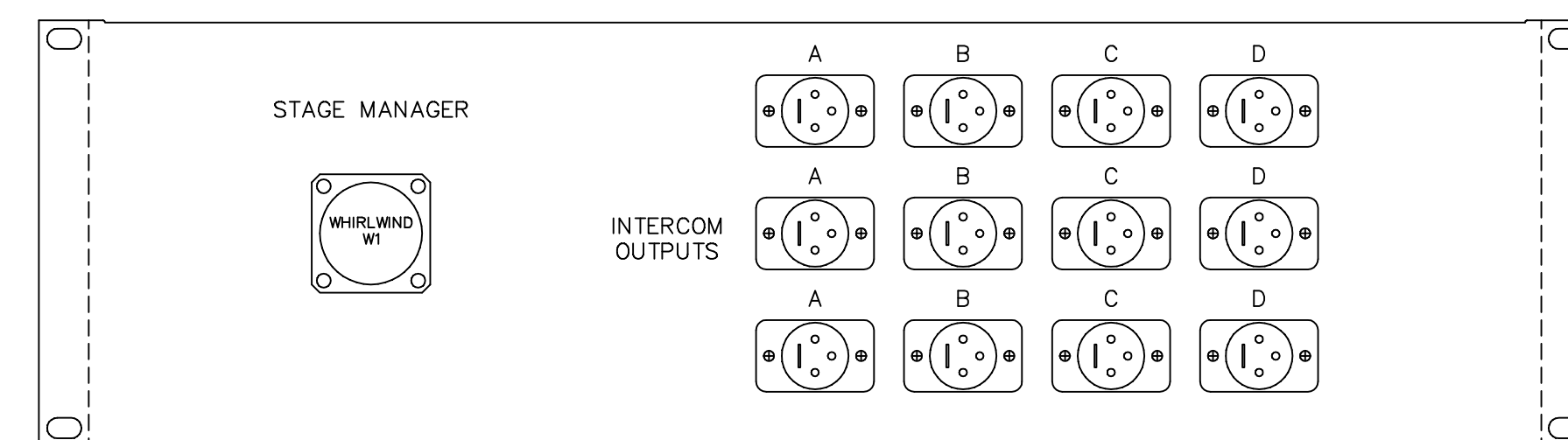
RK10 WIRELESS MICROPHONE OUTPUT
19" RACK x 2 RACK UNITS



RK5 STAGE MANAGER'S PAGING
19" RACK x 2 RACK UNITS



RK2 STAGE MANAGER'S POWER
19" RACK x 2 RACK UNITS



RK1 STAGE MANAGER'S INTERCOM / INPUTS
19" RACK x 3 RACK UNITS

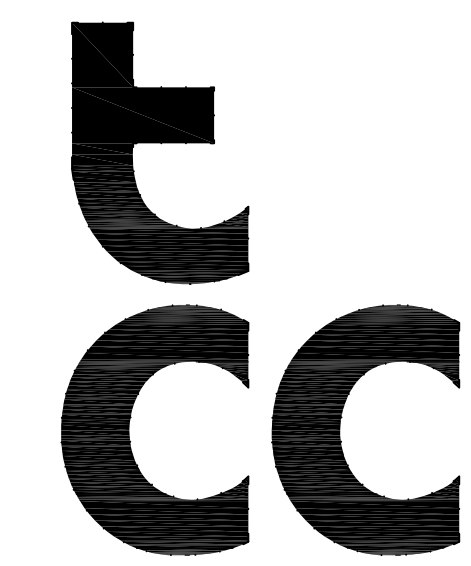
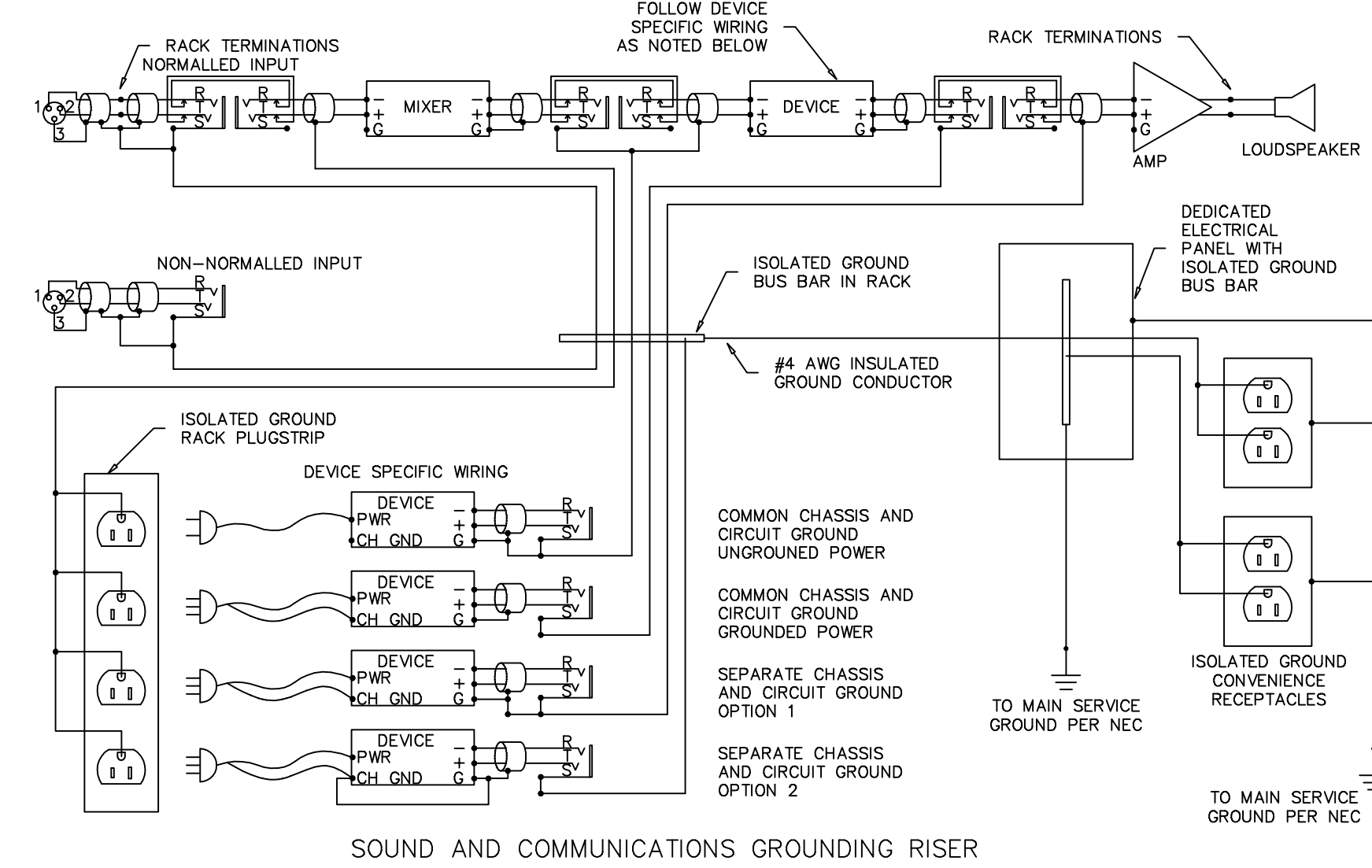
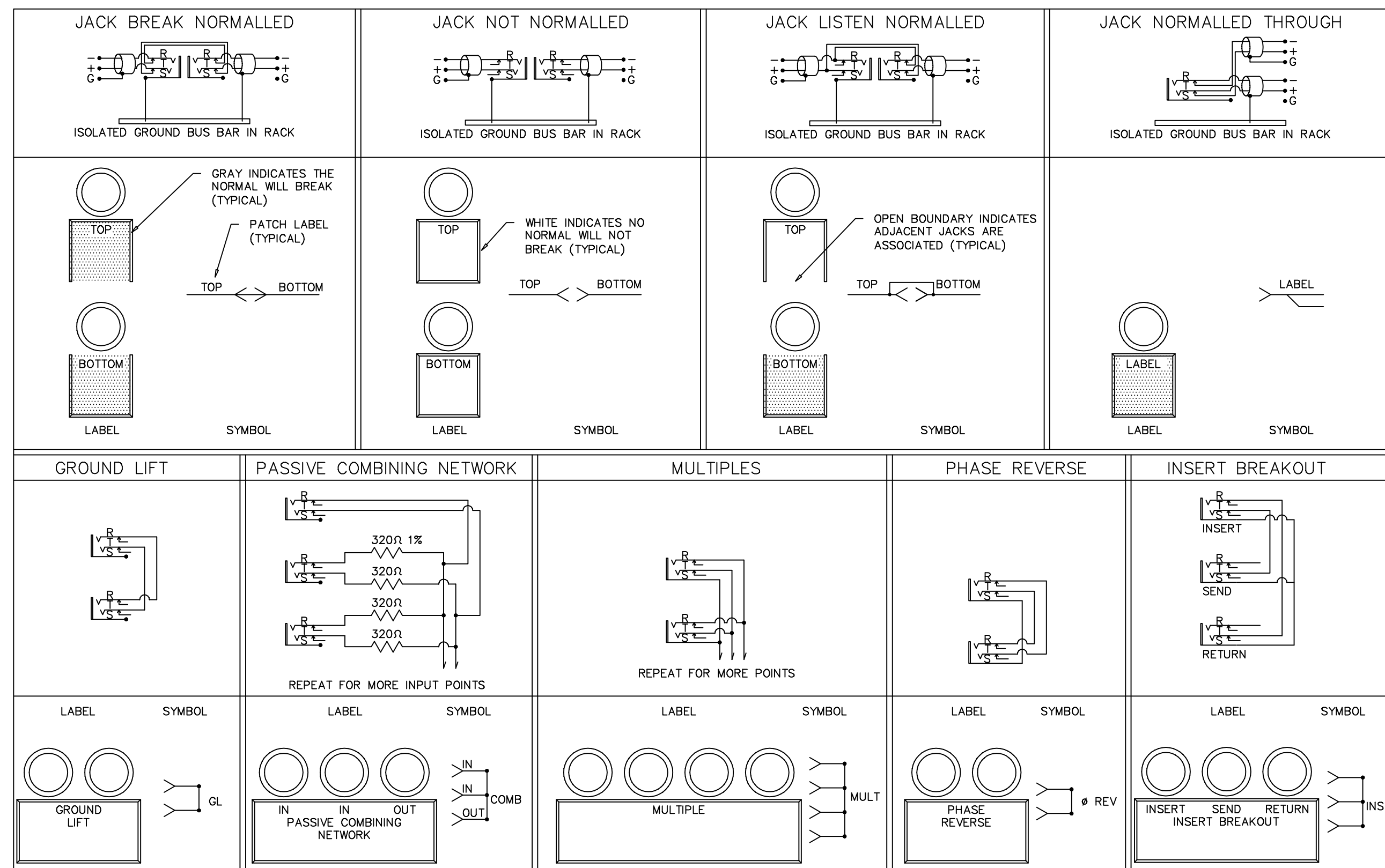
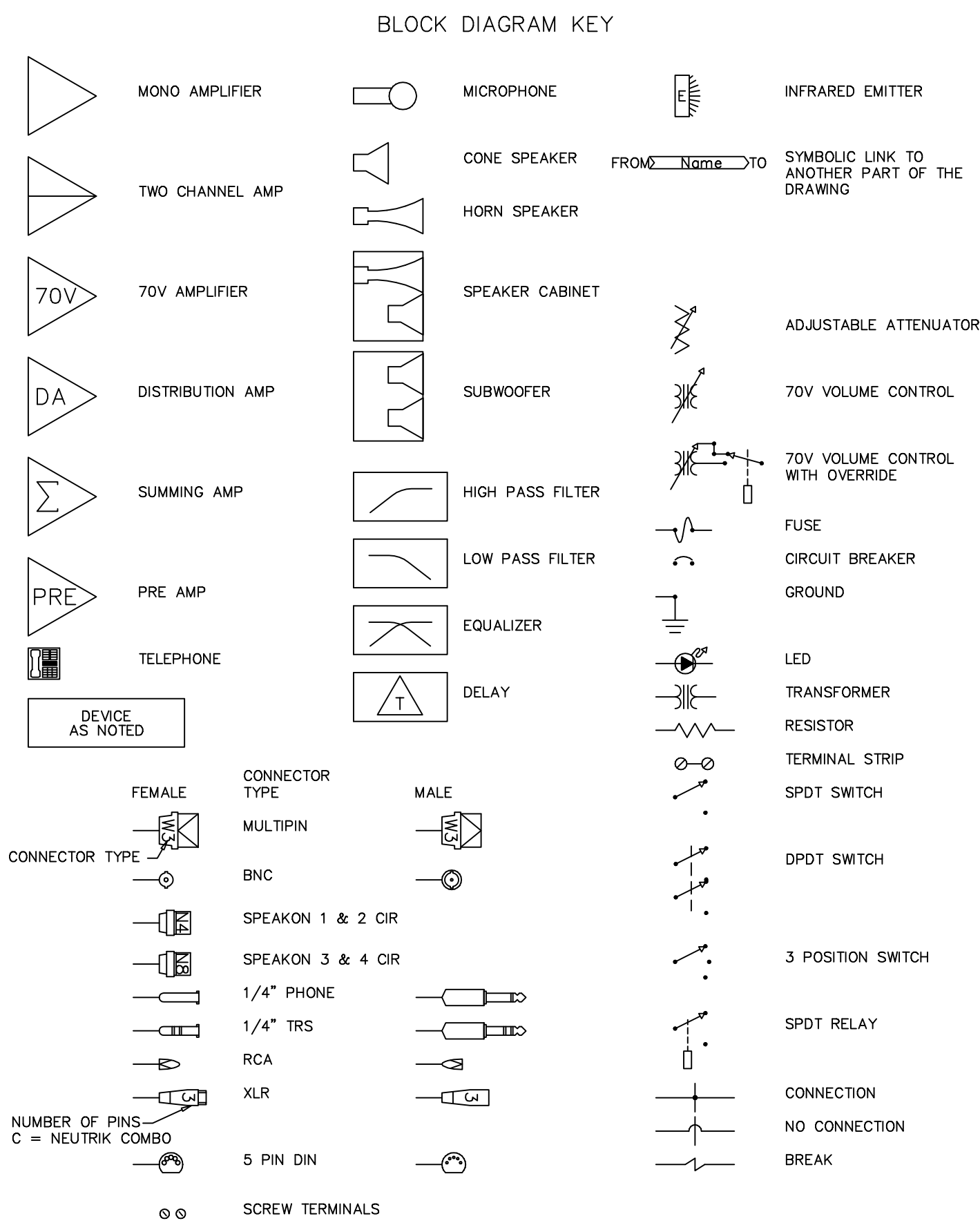
CLOUDED ITEMS INDICATE NEW EQUIPMENT

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REVISION HISTORY
DATE: April 28, 2025
ISSUE: CONSTRUCTION DOCUMENTS
DRAWN: TJK
SCALE:

PERFORMANCE AV
FACEPLATES
SHEET 3 OF 3

PAV203



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SEQUENCE SOUND SYSTEM POWER ON IN THE FOLLOWING ORDER:
1) MICROPHONES / SOURCES
2) PROCESSING / MIXERS
3) AMPLIFIERS / POWERED SPEAKERS

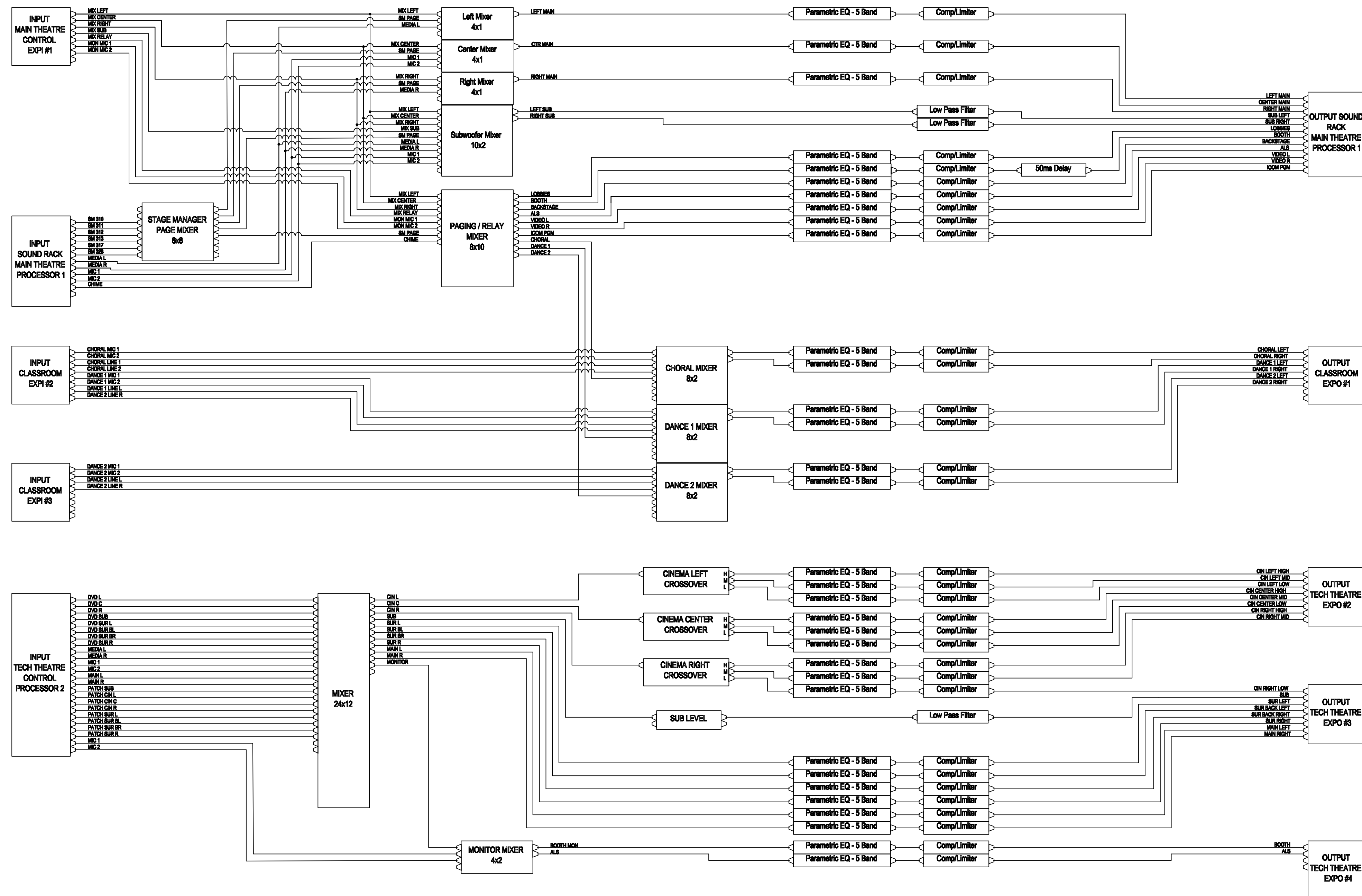
SOUND SYSTEM DEVICES ARE ALL ELEMENTS OF THE SIGNAL CHAIN FOR PLAYBACK AND REINFORCEMENT OF SOUND IN THE SPACE. ALSO INCLUDED IS THE ALS SYSTEM.

UNSWITCHED ELEMENTS:
SYSTEM DIGITAL SIGNAL PROCESSOR
NETWORK SWITCHES

ITEMS POWERED BY AN UNINTERRUPTIBLE POWER SUPPLY (UPS) ARE TO BE SWITCHED AFTER THE UPS SUCH THAT THE UPS IS LEFT POWERED AT ALL TIMES.

THE DESIGN INTENT IS:
THE SOUND SYSTEM MAY BE SWITCHED ON AND OFF MANY TIMES EACH DAY.

POWER SEQUENCING



DSP BLOCK DIAGRAM
SCALE: NTS

CLOUDED ITEMS INDICATE NEW EQUIPMENT

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REVISION HISTORY
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1 04/28/2025
2 04/28/2025
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PERFORMANCE AV
SIGNAL RISER
SHEET 1 OF 5

PAV301

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PAV302

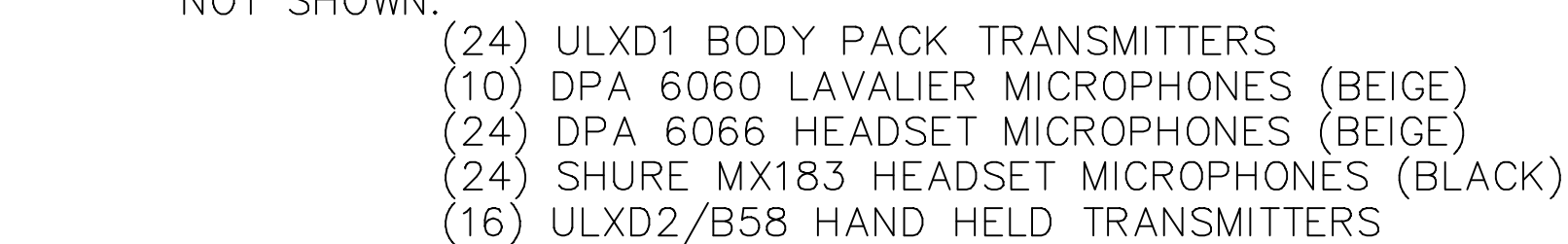
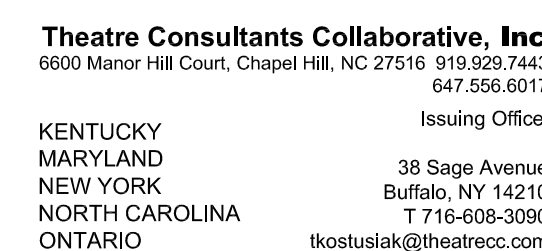


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PAV303



CLOUDED ITEMS INDICATE NEW EQUIPMENT



CHALMETTE
CULTURAL
ARTS
CENTER
2600 Palmisano Blvd
Chalmette, LA 70043

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PERFORMANCE AV
SIGNAL RISER
SHEET 5 OF 5

PAV305