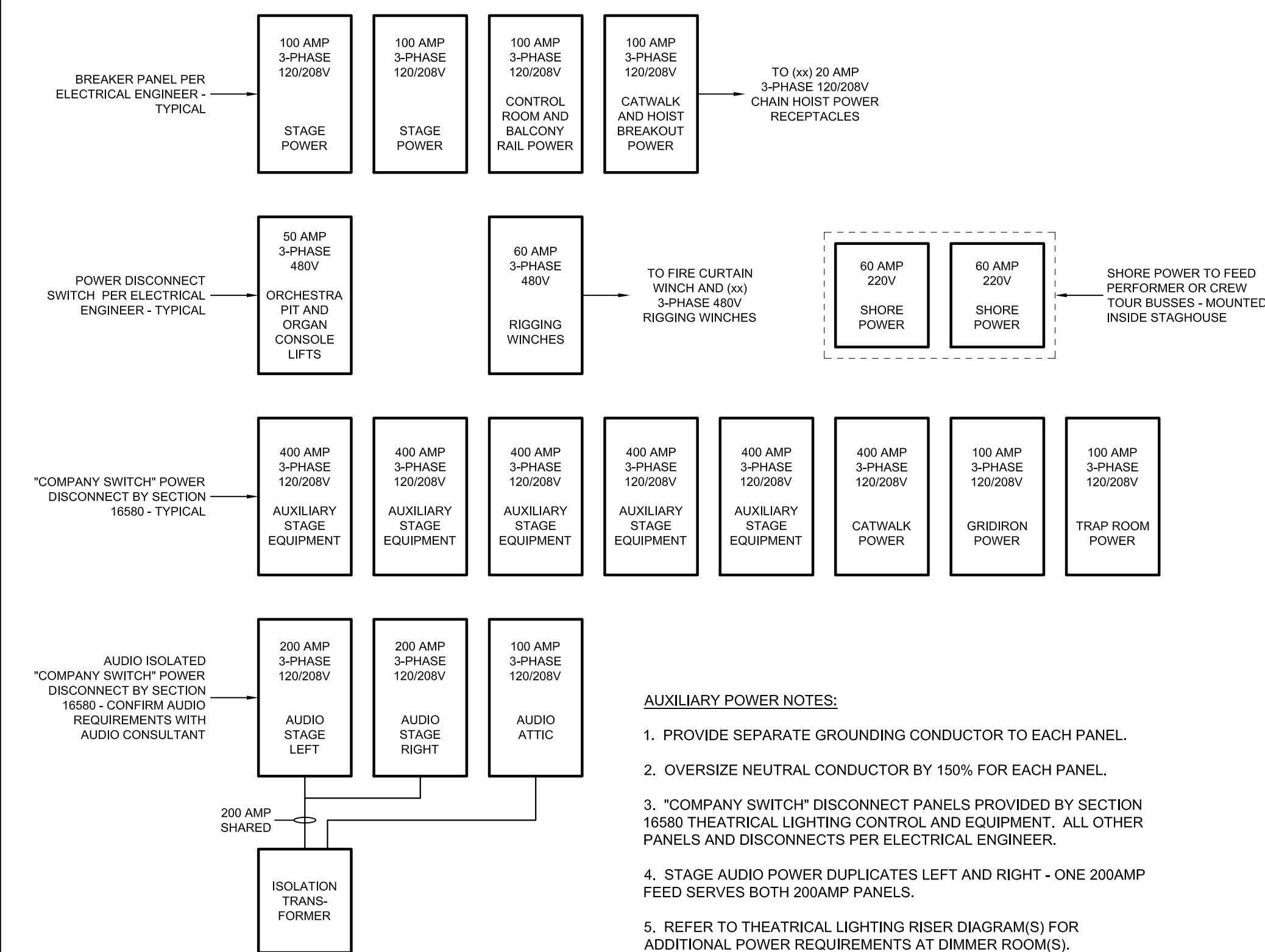


THEATRICAL LIGHTING SYSTEM NOTES:

- ALL DEVICES SHALL BE PROVIDED BY THEATRICAL LIGHTING MANUFACTURER UNLESS OTHERWISE NOTED.
- ALL DIMMED CIRCUITS ARE TWO WIRE, NO SHARED NEUTRALS ARE PERMITTED.
- TYPICAL THEATRICAL LIGHTING PRACTICE ALLOWS FOR FULL LOADING OF 2.4KW ON 20AMP BRANCH CIRCUITS. USE MINIMUM #12 AWG CONDUCTORS, OVERSIZE CONDUCTORS AS REQUIRED FOR VOLTAGE DROP. REFER TO NEC 2005 ARTICLES 210.19(A), 210.20(A), AND 520.9 FOR INFORMATION.
- FOR THEATRES, NEC 2005 ARTICLE 520.6 EXCEPTS THE STANDARD 30 CONDUCTOR WIREWAY FILL LIMIT.
- FOR FIXED STAGE EQUIPMENT, NEC 2005 ARTICLE 520.42 SPECIFIES THE CONDUCTOR INSULATION AND DERATING REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING. CONTROL WIRING REQUIREMENTS VARY GREATLY AMONG MANUFACTURERS. ELECTRICAL CONTRACTOR SHALL OBTAIN CONTROL WIRING REQUIREMENTS FROM THEATRICAL LIGHTING MANUFACTURER PRIOR TO BID.
- ALL CONTROL WIRING RUNS SHALL BE CONTINUOUS AND WITHOUT BREAKS OR SPLICES.
- ALL NETWORK WIRING RUNS SHALL BE CATEGORY 5E, 100 BASE T AND CONFORM TO THE ESTA RECOMMENDED PRACTICE FOR ETHERNET CABLING IN ENTERTAINMENT LIGHTING APPLICATIONS.

1 THEATRICAL LIGHTING CONTROL RISER - STAGE DIMMER ROOM

TL-7.01 SCALE: NOT TO SCALE

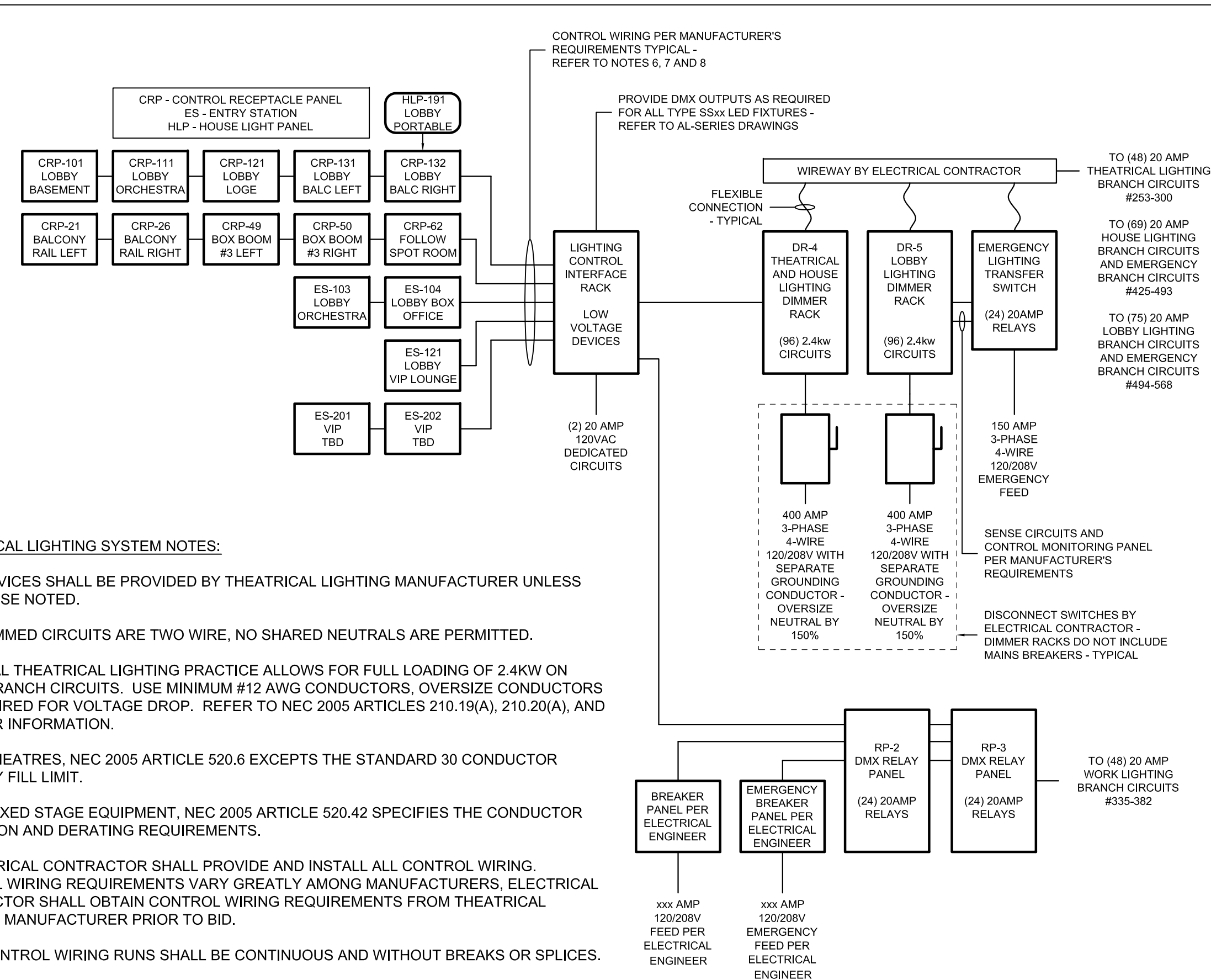


AUXILIARY POWER NOTES:

- PROVIDE SEPARATE GROUNDING CONDUCTOR TO EACH PANEL.
- OVERSIZE NEUTRAL CONDUCTOR BY 150% FOR EACH PANEL.
- "COMPANY SWITCH" DISCONNECT PANELS PROVIDED BY SECTION 16580 THEATRICAL LIGHTING CONTROL AND EQUIPMENT. ALL OTHER PANELS AND DISCONNECTS PER ELECTRICAL ENGINEER.
- STAGE AUDIO POWER DUPLICATES LEFT AND RIGHT - ONE 200AMP FEED SERVES BOTH 200AMP PANELS.
- REFER TO THEATRICAL LIGHTING RISER DIAGRAM(S) FOR ADDITIONAL POWER REQUIREMENTS AT DIMMER ROOM(S).

2 THEATRICAL EQUIPMENT POWER RISER

TL-7.01 SCALE: NOT TO SCALE

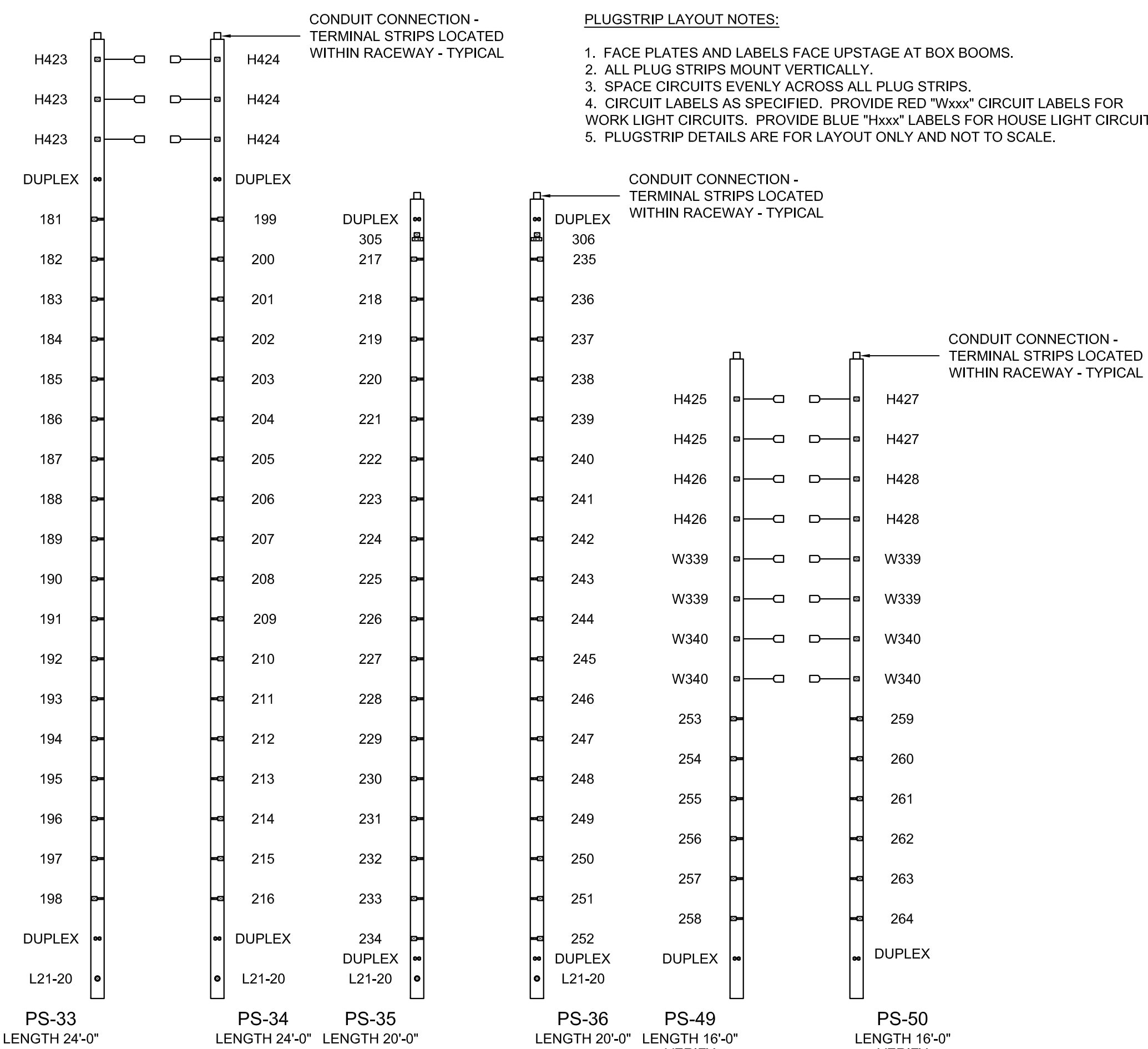


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- ALL DIMMED CIRCUITS ARE TWO WIRE, NO SHARED NEUTRALS ARE PERMITTED.
- TYPICAL THEATRICAL LIGHTING PRACTICE ALLOWS FOR FULL LOADING OF 2.4KW ON 20AMP BRANCH CIRCUITS. USE MINIMUM #12 AWG CONDUCTORS, OVERSIZE CONDUCTORS AS REQUIRED FOR VOLTAGE DROP. REFER TO NEC 2005 ARTICLES 210.19(A), 210.20(A), AND 520.9 FOR INFORMATION.
- FOR THEATRES, NEC 2005 ARTICLE 520.6 EXCEPTS THE STANDARD 30 CONDUCTOR WIREWAY FILL LIMIT.
- FOR FIXED STAGE EQUIPMENT, NEC 2005 ARTICLE 520.42 SPECIFIES THE CONDUCTOR INSULATION AND DERATING REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONTROL WIRING. CONTROL WIRING REQUIREMENTS VARY GREATLY AMONG MANUFACTURERS. ELECTRICAL CONTRACTOR SHALL OBTAIN CONTROL WIRING REQUIREMENTS FROM THEATRICAL LIGHTING MANUFACTURER PRIOR TO BID.
- ALL CONTROL WIRING RUNS SHALL BE CONTINUOUS AND WITHOUT BREAKS OR SPLICES.
- ALL NETWORK WIRING RUNS SHALL BE CATEGORY 5E, 100 BASE T AND CONFORM TO THE ESTA RECOMMENDED PRACTICE FOR ETHERNET CABLING IN ENTERTAINMENT LIGHTING APPLICATIONS.

3 THEATRICAL LIGHTING CONTROL RISER - HOUSE AND LOBBY DIMMER ROOM

TL-7.01 SCALE: NOT TO SCALE



PLUGSTRIP LAYOUT NOTES:

- FACE PLATES AND LABELS FACE UPSTAGE AT BOX BOOMS.
- ALL PLUG STRIPS MOUNT VERTICALLY.
- SPACE CIRCUITS EVENLY ACROSS ALL PLUG STRIPS.
- CIRCUIT LABELS AS SPECIFIED. PROVIDE RED "Wxxx" CIRCUIT LABELS FOR WORK LIGHT CIRCUITS. PROVIDE BLUE "Hxxx" LABELS FOR HOUSE LIGHT CIRCUITS.
- PLUGSTRIP DETAILS ARE FOR LAYOUT ONLY AND NOT TO SCALE.

4 ELEVATION DETAILS AT PLUG STRIPS

TL-7.01 SCALE: 3/8" = 1'-0"

THIS DRAWING INDICATES LIGHTING EQUIPMENT LAYOUT AND DESIGN OF LIGHTING SYSTEMS. REVIEW BY A QUALIFIED ENGINEER IS NECESSARY TO ASSURE SAFETY AND CODE COMPLIANCE.

FOR REFERENCE ONLY

REFER TO E-SERIES DRAWINGS FOR ELECTRICAL FEEDS, DISCONNECT SWITCHES, CONDUIT, AND WIRE FOR ALL LIGHTING EQUIPMENT. DIVISION 16 CONTRACTOR SHALL PROVIDE AND INSTALL ALL LIGHTING EQUIPMENT AND CONTROL WIRING INDICATED FOR A COMPLETE AND OPERABLE SYSTEM.

PRELIMINARY NOT FOR CONSTRUCTION

THE SAENGER THEATRE RENEWAL PROJECT

142 North Rampart Street
New Orleans, LA

Client
Saenger Theatre Redevelopment Company
200 West Loop South, Suite 1040 Houston TX 77027

Architect
MARTINEZ+JOHNSON ARCHITECTURE

1412 Eye St., NW
Washington, DC 20005
202.333.4480

Structural Engineer
Shawn J. Franke, P.E.
549 Heimer Road San Antonio TX 78232
210.979.7900

Theatre Consultant
Schuler Shook
123 Third Street North #210
Mississippi, MN 55401
612.339.9585

Acoustical Engineer
Akustiks
93 North Main Street South
Norwalk, CT 06844
202.299.1504

MEP Engineer
JBA Consulting Engineers, Inc.
3525 N. Causeway Blvd. Suite 500 Metairie, LA 70002
504.830.0139

Civil Engineer
Linfield, Hunter, & Junius, Inc.
3608 18th Street Suite 200
Metairie, LA 70002
504.833.5300

Architectural Historian
EHT Traceries, Inc.
1121 Fifth Street NW
Washington, DC 20001
202.393.1199

THEATRE PLANNERS LIGHTING DESIGNERS Schuler Shook

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7502

DATE:	No.:	ISSUE:
02.19.10	1	PERMIT SET
04.02.10	2	GMP CONTRACT SET
11.11.10	-	CONTRACT SET

GENERAL NOTES:

- INSTALLATION SHALL CONFORM TO ALL APPLICABLE NEC, UL, STATE AND LOCAL CODES.
- ALL EMERGENCY EGRESS LIGHTING IS THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER OR ELECTRICAL CONTRACTOR.
- ALL DIMMING CIRCUITS ARE TWO-WIRE. NO COMMON NEUTRALS SHALL BE USED.

KEYED NOTES:

- PROVIDE DEDICATED 20AMP 120V DUPLEX RECEPTACLE AT EACH LOCATION NOTED FOR LIGHTING EQUIPMENT.
- INDEX STRIP LIGHT PROVIDED AND INSTALLED BY STAGE RIGGING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 1000W WALL BOX DIMMER MOUNTED AT +4'-0" A.F.F. CONNECTED TO A JUNCTION BOX AT +10'-0" A.F.F. THE INDEX STRIP LIGHT WILL INCLUDE A FLEXIBLE WHIP FOR CONNECTION TO THE JUNCTION BOX. ALL ELECTRICAL CONNECTIONS BY ELECTRICAL CONTRACTOR.
- NOT USED.
- PROVIDE TELEPHONE AND DATA RECEPTACLES PER ELECTRICAL ENGINEER AT EACH LOCATION NOTED. VERIFY MOUNTING CONDITIONS. RECEPTACLES AT CENTER OF AUDITORIUM WILL REQUIRE FLUSH FLOOR BOX.
- PROVIDE DEDICATED 30AMP 220V NEMA L6-30R RECEPTACLE AT EACH LOCATION NOTED FOR FOLLOW SPOT.

SHEET TITLE:
THEATRICAL LIGHTING RISER DIAGRAMS AND DETAILS

TL-7.01