

ANY DIVISION 26 SCOPE OF WORK SHOWN IS FOR REFERENCE ONLY

REFER TO NOTE 3 AND THE WORK SCOPE SPECIFICATION TABLE ON AV001

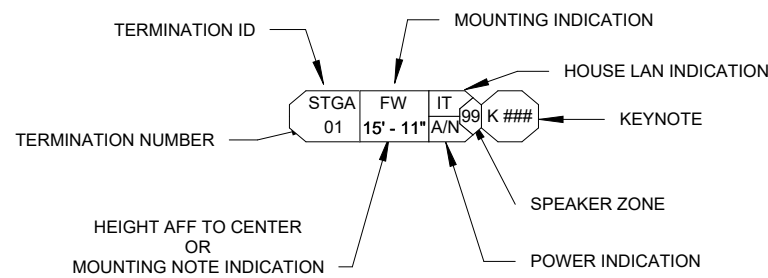


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AV GENERAL NOTES:

- THESE DRAWINGS INDICATE DESIGN INTENT. THEY ARE NOT FULLY DETAILED SHOP DRAWINGS. IT IS IN THE SCOPE OF WORK FOR SECTION 27 41 00 TO PROVIDE FULLY DETAILED SHOP DRAWINGS AS A SUBMITTAL FOR REVIEW BY THE AV CONSULTANT. REFER TO THAT SECTION FOR A DETAILED LIST OF SUBMITTAL REQUIREMENTS.
- ALL AV ISOLATED GROUND AND CONVENIENCE POWER REQUIREMENTS INDICATED IN THESE DRAWINGS, AS WELL AS ALL WIRE PATH (CONDUIT, RACEWAY, LADDER TRAY, J-HOOKS, AND CABLE PASSES) ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. REFER TO 27 41 00 WORK SCOPE TABLE FOR DETAILED INFORMATION ON DIVISION OF SCOPE BETWEEN 27 41 00 AND OTHER SECTIONS WITHIN DIVISION 27, AS WELL AS OTHER DIVISIONS.
- ALL LINE VOLTAGE RECEPTACLES, OTHER THAN THOSE INTEGRATED AS PART OF A RACK-MOUNTED POWER DISTRIBUTION DEVICE OR SHOWN AS INTEGRATED WITHIN A CUSTOM AV PANEL, ARE PROVIDED AND INSTALLED BY DIVISION 26. ANY LINE VOLTAGE RECEPTACLES INTEGRATED WITHIN A CUSTOM AV PANEL MUST BE SEPARATED FROM LOW VOLTAGE WIRING AND TERMINATIONS BY A METALLIC BARRIER. THIS METHOD IS ONLY ALLOWABLE WHERE INDICATED IN PANEL DRAWINGS. ALL OTHER LOCATIONS MUST HAVE SEPARATE BOXES FOR LINE VOLTAGE OUTLETS AS INDICATED IN THE PANEL DRAWINGS. REFER TO 27 41 00 WORK SCOPE TABLE FOR DETAILED INFORMATION ON DIVISION OF SCOPE BETWEEN 27 41 00 AND OTHER SECTIONS WITHIN DIVISION 27, AS WELL AS OTHER DIVISIONS.
- CONFIRM THE FOLLOWING WITH THE ARCHITECT PRIOR TO PURCHASE OF MATERIALS AND INSTALLATION:
 - CONFIRM FLUSH OR SURFACE MOUNT FOR ALL BACKBOX DEVICES
 - CONFIRM CUSTOM COLOR REQUIREMENTS FOR ANY PANELS IN VIEW OF THE AUDIENCE OR PRODUCTION VIDEO CAMERAS. OTHER PANELS WILL BE PER THE SPECIFICATIONS.
 - CONFIRM CUSTOM COLOR REQUIREMENTS FOR LOUDSPEAKERS OR OTHER AV DEVICES INSTALLED IN VIEW OF THE AUDIENCE OR PRODUCTION VIDEO CAMERAS.
- ALL RIGGING FOR AV DEVICES INDICATED IN THE DRAWINGS IS CONCEPTUAL ONLY. REFER TO THEATRICAL RIGGING DRAWINGS FOR MORE INFORMATION. ALSO REFER TO 27 41 00 PART 3 FOR DETAILS ON RIGGING REQUIREMENTS FOR AV DEVICES AND THE REQUIREMENT FOR ALL RIGGING DRAWINGS TO BE STAMPED BY A STRUCTURAL ENGINEER.
- ADDITIONAL SUPPORT AND/OR BACKING IN STUD WALLS AND CEILINGS MAY BE REQUIRED FOR PROPER AND SAFE INSTALLATION.
- ANY DISCREPANCIES BETWEEN DRAWINGS MUST BE PRESENTED IN AN RFI FOR CLARIFICATION PRE-BID. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM. PLEASE SEE 27 41 00 PART 1.3 FOR COMPLETE DETAILS.



TERMINATION LEGEND

MOUNTING KEY INFO	
FC	MOUNT FLUSH IN CEILING
FF	MOUNT FLUSH IN FLOOR
FW	MOUNT FLUSH IN WALL
SC	MOUNT ON CEILING SURFACE
SF	MOUNT FREE STANDING ON FLOOR
SW	MOUNT ON WALL SURFACE
MS	MOUNT TO STRUCTURE
ND	REFER TO NOTE OR DETAIL DRAWING

TERMINATION NOTES:

- SEE AV TERMINATION SCHEDULE FOR A LIST OF PROJECT TERMINATION IDENTIFIERS.
- THE 70 VOLT LOUDSPEAKER ZONES INDICATE GROUPINGS OF LOUDSPEAKERS WHOSE SOURCE AND VOLUME SELECTION CHANGE TOGETHER. IT DOES NOT NECESSARILY INDICATE THEY ARE ALL ON ONE AMPLIFIER CHANNEL. AMPLIFIER CHANNELS MUST BE ALLOCATED TO PROVIDE FULL POWER TO ALL ATTACHED LOUDSPEAKERS AT THE MAXIMUM TAP. REFER TO SPECIFICATIONS 27 41 00 FOR MORE INFORMATION ON 70 VOLT LOUDSPEAKER SYSTEMS REQUIREMENTS.
- THE TERMINATION MOUNTING INDICATION DETAILS HOW A PARTICULAR TERMINATION SHOULD BE MOUNTED. FOR ALL TERMINATION MOUNTING CODES (SEE TABLE TO THE RIGHT) EXCEPT FOR ND (NOTE OR DETAIL) AND MS (MOUNT TO STRUCTURE) A HEIGHT ABOVE FINISHED FLOOR TO THE CENTER OF THE BACKBOX IN INCHES OR FEET, AS INDICATED, IS NOTED BELOW THE MOUNTING INDICATION. FOR ND OR MS THE NUMBER OR LETTER BELOW HAS NO INCH OR FOOT SYMBOL, AND INSTEAD REFERS TO A NOTE NUMBER IN THE SHEET NOTES.
- HOUSE LAN CONNECTION INDICATION - IF 'IT' IS INDICATED, A HOUSE LAN CONNECTION IS TO BE PROVIDED TO THE TERMINATION BY THE DIVISION 27 STRUCTURED CABLING SCOPE OF WORK AND TERMINATED. IN THE CASE OF A PANEL THE AV CONTRACTOR WILL PROVIDE A CONNECTOR ON THE PANEL FOR THE STRUCTURED CABLING CONTRACTOR TO TERMINATE TO. IN THE CASE OF A RACK, THE AV CONTRACTOR WILL PROVIDE AN EMPTY PORT ON AN APPROPRIATE CATEGORY PATCH PANEL OR A CONNECTOR ON A RACK PANEL FOR THE STRUCTURED CABLING CONTRACTOR TO TERMINATE TO. POWER INDICATION - IF POWER IS REQUIRED TO BE SUPPLIED AT THIS TERMINATION LOCATION, EITHER AN 'A', OR AN 'N' WILL BE SHOWN. AN 'A' INDICATES THE NEED FOR AV ISOLATED GROUND POWER TO BE PROVIDED. AN 'N' INDICATES THE NEED FOR A STANDARD 120V 20A DEDICATED CONVENIENCE CIRCUIT THAT IS NOT CONNECTED TO THE AV ISOLATED GROUND POWER PANEL(S) OR TRANSFORMER.

WORK SCOPE TABLE (SEE SECTION 27 41 00 FOR ADDITIONAL INFORMATION)

ITEMS PROVIDED AND INSTALLED	ELECTRICAL CONTRACTOR PROVIDE	ELECTRICAL CONTRACTOR INSTALL	AV INTEGRATOR PROVIDE	AV INTEGRATOR INSTALL
MAIN POWER PANEL BOARDS AND CIRCUIT BREAKERS	X	X		
AUDIO VIDEO ISOLATED GROUND POWER (AVIGP)TRANSFORMERS	X	X		
AVIGP ISOLATED GROUND CONDUIT, AND CONDUCTORS	X	X ¹		
AVIGP PANEL BOARDS AND CIRCUIT BREAKERS	X	X		
AVIGP STANDARD LOAD CENTERS AND CIRCUIT BREAKERS	X	X		
AVIGP COMPANY SWITCHES	X	X		
AUDIO VIDEO SYSTEMS EQUIPMENT RACKS, TERMINATION PANELS, AND AUDIO VIDEO DEVICES				
RACKS			X	X
TERMINATION PANELS			X	X
TERMINATION PANEL BACK BOXES		X ¹	X	
TERMINATION PANEL FLOOR BOXES		X ¹	X	
ALL CONDUIT, J-BOXES, CABLE SLEEVES, LADDER TRAY, MOUNTING HARDWARE FOR AUDIO VIDEO SYSTEMS SIGNAL AND CONTROL CABLING	X	X ¹		
CONDUIT ISOLATION BUSHINGS AT RACKS	X	X		
AUDIO VIDEO CABLING			X	X
AUDIO VIDEO CABLING TERMINATION			X	X
AVIGP BRANCH CIRCUITS FOR SYSTEMS EQUIPMENT RACKS GOING TO:				
IN WALL OUTLETS	X	X		
LADDER TRAY MOUNTED OUTLETS	X	X		
CEILING MOUNTED OUTLETS	X	X		
IN RACK POWER DISTRIBUTION DEVICES		X ²	X ²	
AUDIO VIDEO SYSTEMS CONDUIT RISER DIAGRAM SUBMITTAL	X ³			

NOTE 1: INSTALLATION CRITERIA AND COORDINATION PROVIDED BYAV INTEGRATOR

NOTE 2: RACK POWER RACEWAYS ARE PROVIDED AND INSTALLED BY THE AV INTEGRATOR. THE BRANCH CIRCUITS ARE INSTALLED AND TERMINATED TO THE RACEWAY BY THE ELECTRICAL CONTRACTOR. CARE MUST BE TAKEN TO MAINTAIN THE ISOLATION OF THE RACK AND ITS CONTENTS FROM BUILDING GROUND.

NOTE 3: THE CONDUIT RISER DIAGRAM IS DEVELOPED BY THE ELECTRICAL CONTRACTOR WITH CRITERIA PROVIDED BY THE AV INTEGRATOR. THIS IS A CRITICAL SUBMITTAL. ANY CONDUIT INSTALLED PRIOR TO APPROVAL IS AT RISK AND ANY REPLACEMENT, REMEDIATION, OR REPAIRS REQUIRED TO MEET SPECIFICATIONS WILL BE PERFORMED AT THE CONTRACTORS COST.

SHEET LIST	
SHEET NUMBER	SHEET NAME
AV001	AV NOTES
AV011	AV STANDARD DETAILS
AV031	AV SCHEDULES 1
AV032	AV SCHEDULES 2
AV051	AV SINGLE LINES
AV052	AV SINGLE LINES
AV053	AV SINGLE LINES
AV100	AV FLOOR PLAN - ORCHESTRA PIT
AV101	AV FLOOR PLAN - STAGE
AV102	AV FLOOR PLAN - BALCONY
AV150	AV REFLECTED CEILING PLAN
AV300	AV SECTIONS
AV301	AV ELEVATIONS
AV521	AV PANEL DETAILS - HOUSE
AV522	AV PANEL DETAILS - LOBBY
AV523	AV PANEL DETAILS - LOUDSPEAKERS
AV524	AV PANEL DETAILS - STAGE
AV525	AV PANEL DETAILS - RACK
AV571	AV RACK ELEVATIONS
AVD101	AV DEMO FLOOR PLAN - STAGE
AVD102	AV DEMO FLOOR PLAN - BALCONY