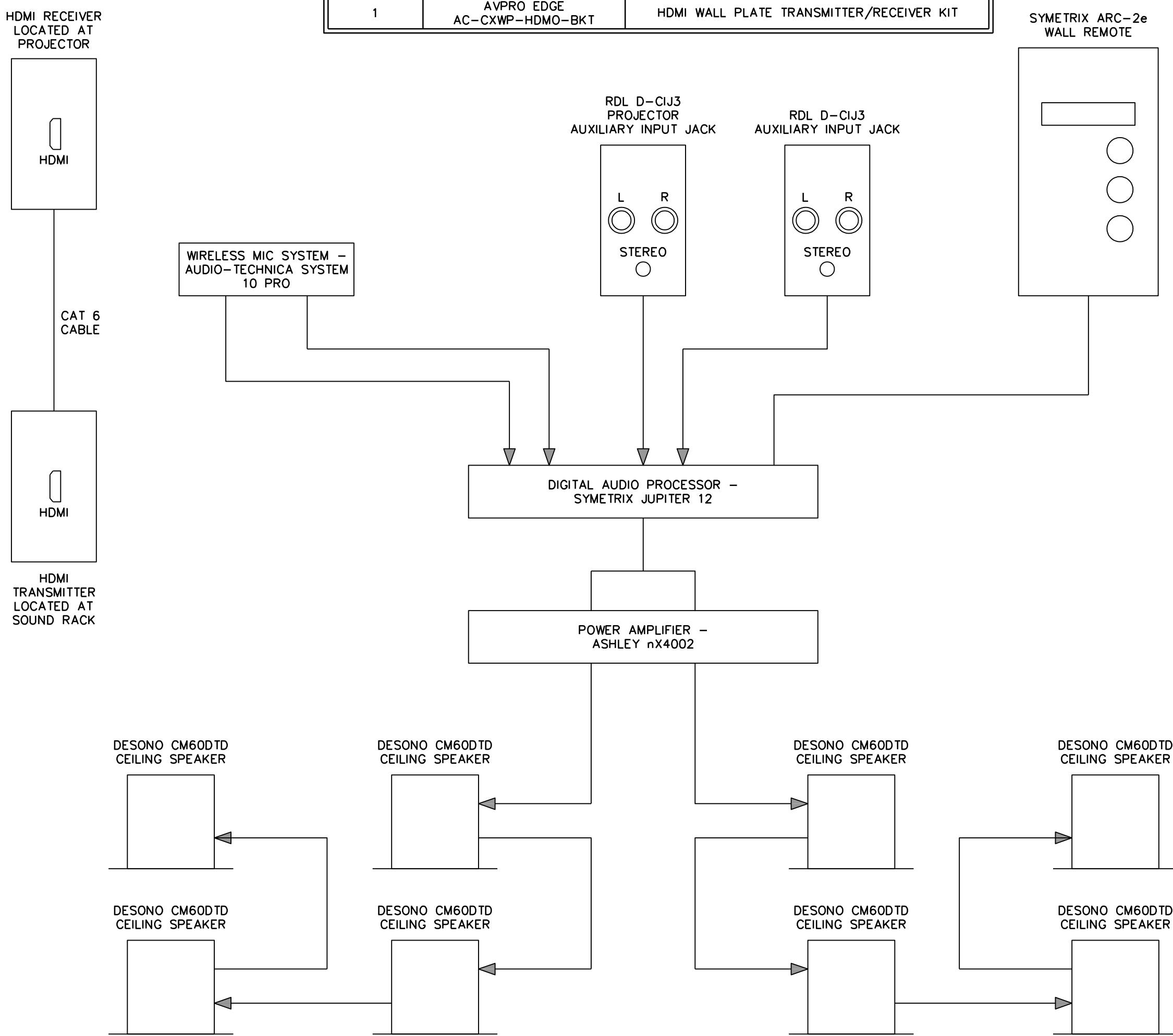


DETAIL NOTES

1. BASE BID: INSTALL ROUGH-IN BOXES AND CONDUIT FOR SOUND SYSTEM ONLY. PROVIDE PULL STRINGS. ALTERNATE #4: INSTALL COMPLETE SOUND SYSTEM AS SHOWN.
2. AIM SPEAKERS FOR OPTIMAL SOUND DISTRIBUTION.
3. MANUFACTURERS AND PART NUMBERS LISTED ARE BASIS OF DESIGN. PRIOR APPROVAL MUST BE GIVEN FOR ACCEPTABLE SUBSTITUTIONS DURING BID PROCESS.
4. COORDINATE FINAL WIRING REQUIREMENTS AND ROUGH-IN LOCATIONS WITH OWNER AND MANUFACTURER'S INSTRUCTIONS.
5. PROVIDE ALL NECESSARY EQUIPMENT, ACCESSORIES, CABLING, ETC. FOR A COMPLETE FUNCTIONAL SYSTEM.
6. PROVIDE AND INSTALL ALL CABLING AS RECOMMENDED BY THE MANUFACTURER AND REQUIRED FOR A COMPLETE SYSTEM.

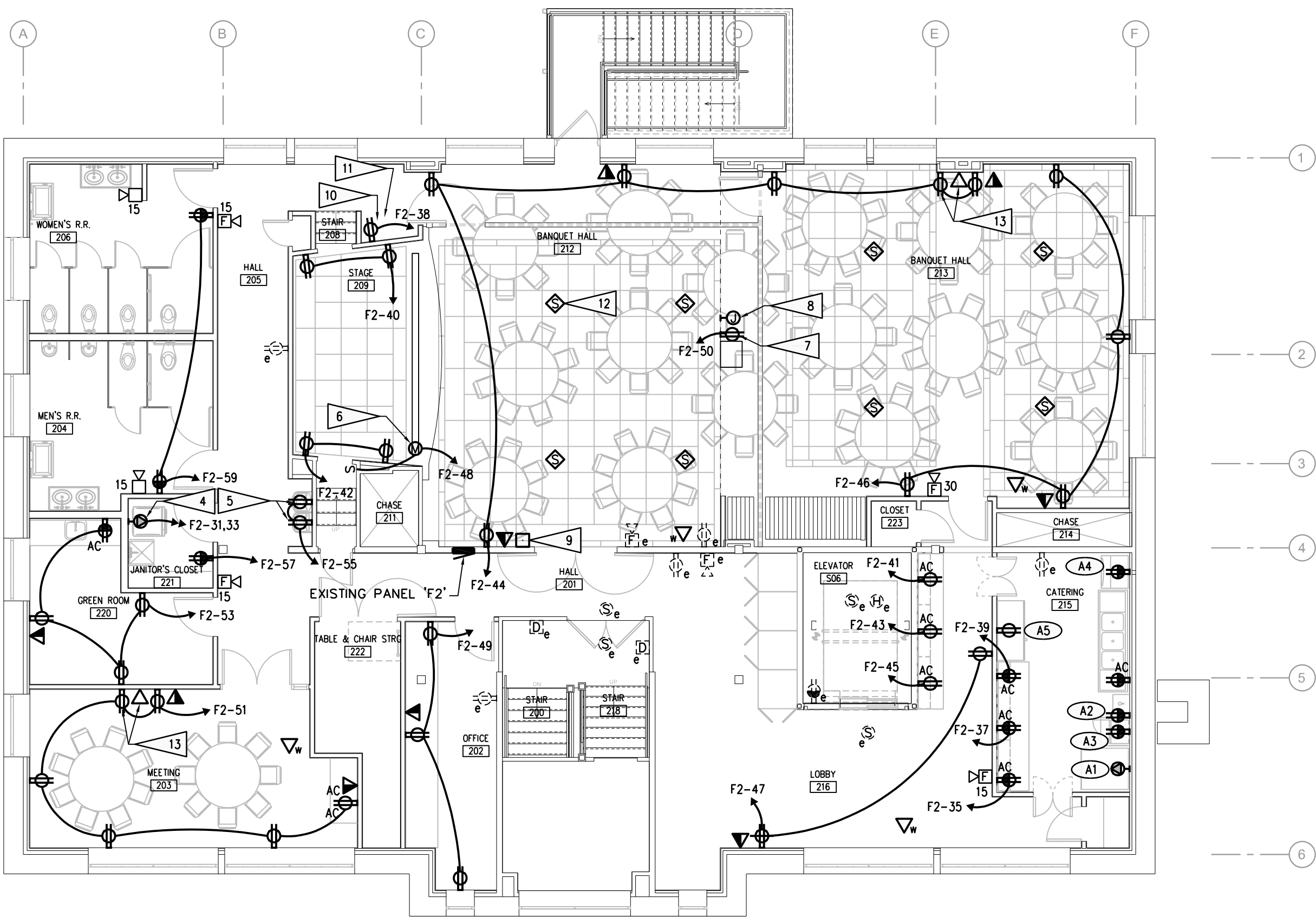
AUDIO/VIDEO ACCESSORY BILL OF MATERIAL		
QUANTITY	MAKE/MODEL	DESCRIPTION
1	AUDIO-TECHNICA SYSTEM 10 PRO	PRO RACK-MOUNT DIGITAL DUAL WIRELESS SYSTEM WITH LAVALIER AND HANDHELD MICROPHONES
2	RDL D-CUJ3 W/ CP-1W	STEREO-TQ-MONO INTERFACE COVER PLATE - WHITE
1	SYMETRIX JUPITER 12	DIGITAL AUDIO PROCESSOR, 12 IN X 4 OUT, 12 MIC/LINE INPUTS, 4 LINE LEVEL OUTPUTS
1	SYMETRIX ARC-2e	WALL REMOTE
1	ASHLEY nX4002	POWER AMPLIFIER 400W @ 70V X 2
8	DESONO CM600TD	6.5" TWO-WAY CEILING LOUSPEAKER SYSTEM INCLUDES 600W-70V XMPR, WHITE GRILL
1	LOWELL LWR-1023	10RU WALL MOUNT SWING AWAY EQUIPMENT RACK
1	LOWELL ACSPR-2009	POWER STRIP
1	AVPRO EDGE AC-CXWP-HDMO-BKT	HDMI WALL PLATE TRANSMITTER/RECEIVER KIT



SOUND SYSTEM RISER DIAGRAM

NO SCALE 04

SECOND FLOOR - POWER RENOVATION PLAN



1/8" = 1'-0" 02

GENERAL NOTES

1. SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2. ELECTRICAL INSTALLATIONS SHALL COMPLY WITH CURRENT ADOPTED NEC, STATE AND LOCAL CODES.
3. INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
4. CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
5. DEVICE LOCATIONS ARE SHOWN DIAGRAMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
6. ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING.
7. ALL 15 AND 20 AMP, 125 AND 250V NON-LOCKING-TYPE RECEPTACLES SHALL BE TAMPER-RESISTANT RECEPTACLES PER NEC 406.12.
8. FOR TEMPERATURE CONTROL EQUIPMENT, ALL POWER WIRING 120V AND ABOVE BY EC, LESS THAN 120V ROUGH-IN BY EC, LOW VOLTAGE POWER AND CONTROL WIRING BY MC. COORDINATE ALL HVAC POWER/CONTROL WIRING WITH MC.
9. FOR WALL MOUNTED SENSORS (TEMPERATURE, CO2, PRESSURE, ETC.) EC TO PROVIDE A DEEP 4" SQUARE BOX, SINGLE GANG RING, AND 1/2" EMT WITH BUSHINGS AND PULL STRING TO ACCESSIBLE CEILING SPACE. SEE MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES.
10. CONNECT NEW EXIT/EGRESS LIGHT FIXTURES TO UNSWITCHED LIGHTING CIRCUIT IN SAME ROOM.
11. PROVIDE DIMMING SWITCH (S<sub>9</sub>) WHERE SHOWN. SWITCH SHALL BE 120V, 0-10V, DUAL TECHNOLOGY COMPATIBLE WITH LED FIXTURES. WATTS/OPPER RHAFB3P OR ACCEPTABLE EQUAL.
12. PROVIDE WALL OCCUPANCY SENSOR SWITCH (S<sub>9a</sub>) WHERE SHOWN. SWITCH SHALL BE LINE VOLTAGE, AUTO-ON/AUTO-OFF, DUAL TECHNOLOGY, OCCUPANCY SENSOR. WATTS/OPPER DSW-301 OR ACCEPTABLE EQUAL.

FLAG NOTES

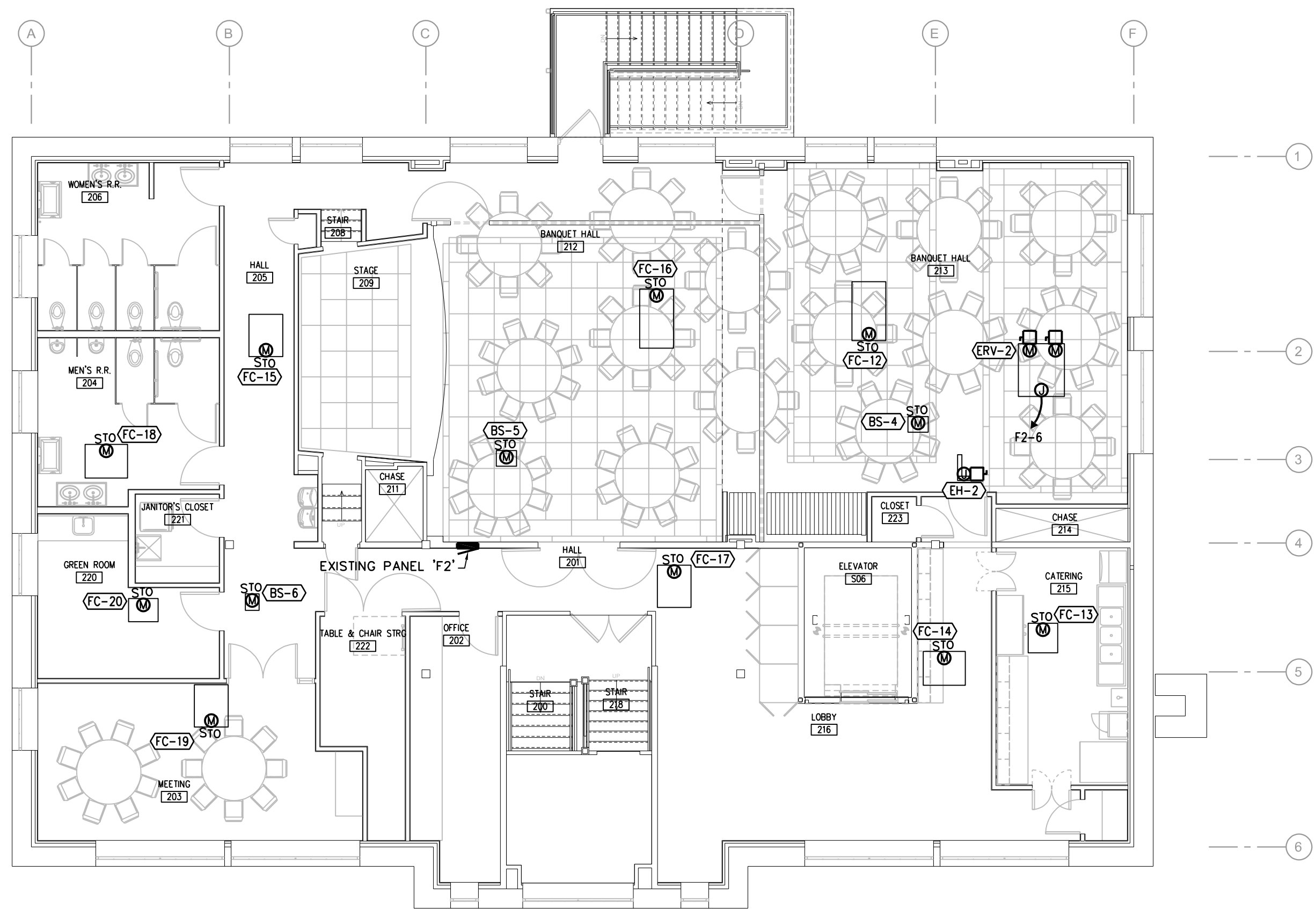
1. RELOCATED LIGHT FIXTURE. CONNECT TO SWITCHED LIGHTING CIRCUIT SHOWN.
2. INSTALL TYPE "H" LIGHT FIXTURES RECESSED INTO THE FRONT EDGE OF THE STAGE, AIM TOWARD STAGE AS DIRECTED BY ARCHITECT.
3. COORDINATE INSTALLATION OF LIGHT FIXTURES IN THE BANQUET HALL AND STAGE WITH THE ARCHITECTS IN CEILING LAYOUT. SEE ARCHITECTURAL DRAWINGS.
4. PROVIDE NEMA 14-30R FOR DRYER. INSTALL AT 48" AFF.
5. INSTALL RECEPTACLES NOTED BEHIND WATER COOLER COVER AT LOCATION DIRECTED BY MANUFACTURER.
6. PROVIDE TENSIONED PROFESSIONAL MOTORIZED PROJECTOR SCREEN, 16:9 HDTV FORMAT, VIEWING AREA (82"x164") AND DIAGONAL (188"), DA-LITE ED PRO 1.0 #14130 OR ACCEPTABLE EQUAL. PROVIDE WITH 120V MOTOR AND UP/DOWN WALL MOUNT CONTROLLER. WALL MOUNT AT BOTTOM OF STAGE SOFFIT CENTERED AS LOW AS POSSIBLE. SEE ARCHITECTURAL SECTION DETAIL.
7. PROVIDE LCD LASER PROJECTOR, EKI EK-1000LU WITH AH-CH21020 LENS OR ACCEPTABLE EQUAL. INSTALL AND AIM/FOCUS AS DIRECTED BY MANUFACTURER. INSTALL RECEPTACLE IN SOFFIT SHELF. SEE ARCHITECTURAL DETAIL. MOUNT RECEPTACLE IN SOFFIT OPENING AT AN ACCESSIBLE LOCATION.
8. BASE BID: INSTALL HDMI JACK'S PER SOUND SYSTEM RISER DIAGRAM NEXT TO PROJECTOR RECEPTACLE. ALTERNATE #4: INSTALL AUXILIARY INPUT AV JACK'S PER SOUND SYSTEM RISER DIAGRAM NEXT TO PROJECTOR RECEPTACLE.
9. ALTERNATE #4: INSTALL SOUND SYSTEM WALL REMOTE AT LOCATION NOTED. SEE SOUND SYSTEM RISER DIAGRAM. BASE BID: INSTALL RECESSED BOX AND 3/4" CONDUIT ROUGH IN TO SOUND RACK FOR REMOTE ONLY.
10. INSTALL HDMI INPUT JACK AT LOCATION NOTED. VERIFY INPUT JACK LOCATION WITH OWNER PRIOR TO INSTALLATION. SEE SOUND SYSTEM RISER DIAGRAM.
11. ALTERNATE #4: INSTALL SOUND SYSTEM RACK AND EQUIPMENT AND AUXILIARY INPUT JACK AT LOCATION NOTED. SEE SOUND SYSTEM RISER DIAGRAM. BASE BID: INSTALL TWO DOUBLE GANG BOXES AND (2) 1" CONDUITS FOR SPEAKER CABLING AND AUDIO INPUT CABLING IN WALL FROM RACK LOCATION TO ABOVE ACCESSIBLE CEILING IN BANQUET HALL ONLY.
12. ALTERNATE #4: SOUND SYSTEM SPEAKER, TYPICAL OF B. SEE SOUND SYSTEM RISER DIAGRAM.
13. INSTALL RECEPTACLE AND DATA OUTLET NOTED AT 60" AFF FOR TELEVISION. COORDINATE LOCATION WITH MOUNTING BRACKET INSTALLATION.



PLAN NORTH

1/8" = 1'-0"

02

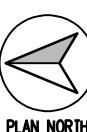
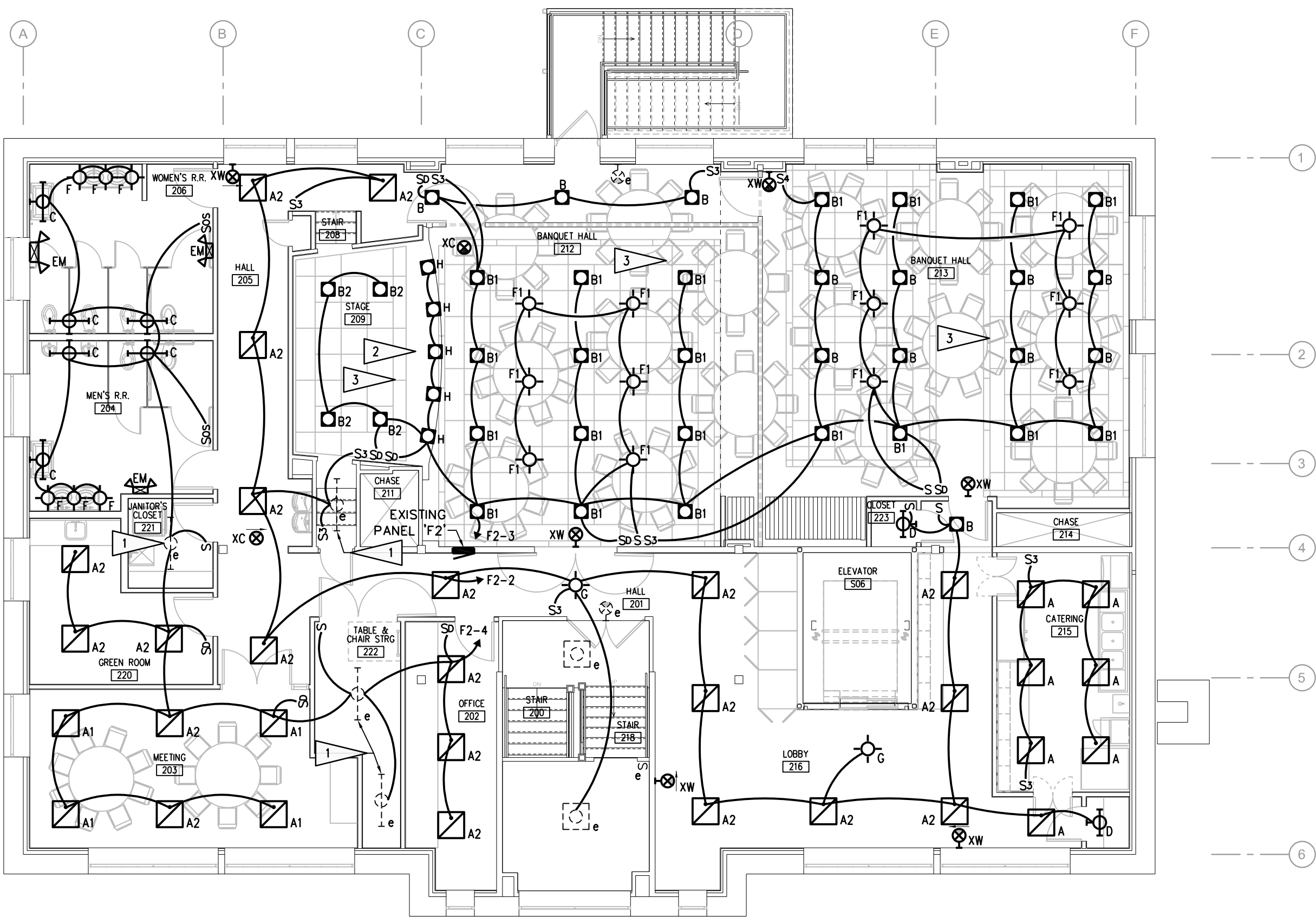


PLAN NORTH

1/8" = 1'-0"

03

SECOND FLOOR - MECHANICAL CONNECTIONS RENOVATION PLAN

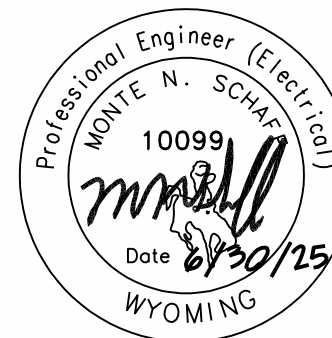


PLAN NORTH

1/8" = 1'-0"

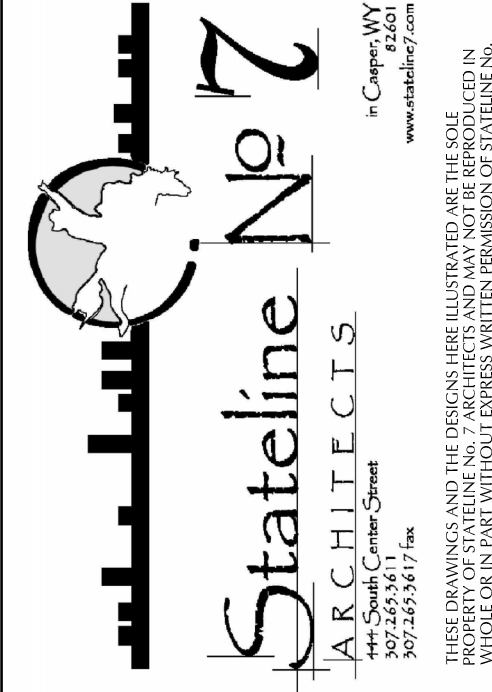
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SECOND FLOOR - LIGHTING RENOVATION PLAN



1807 CY AVE, STE 303 // CASPER, WY 82404  
307-266-0033 // MAIL@ENGINEERINGDESIGN.COM

OLD STONEY REMODEL  
PHASE TWO  
120 NORTH 4TH STREET  
SUNDANCE, WYOMING 82729



PROJECT  
16-022/25004

DATE  
06-30-25

DRAWN BY  
KN/MS

DISK ID.

SHEET  
SECOND FLOOR  
ELECTRICAL  
RENOVATION AND  
ELECTRICAL DETAILS

SHEET

16.21