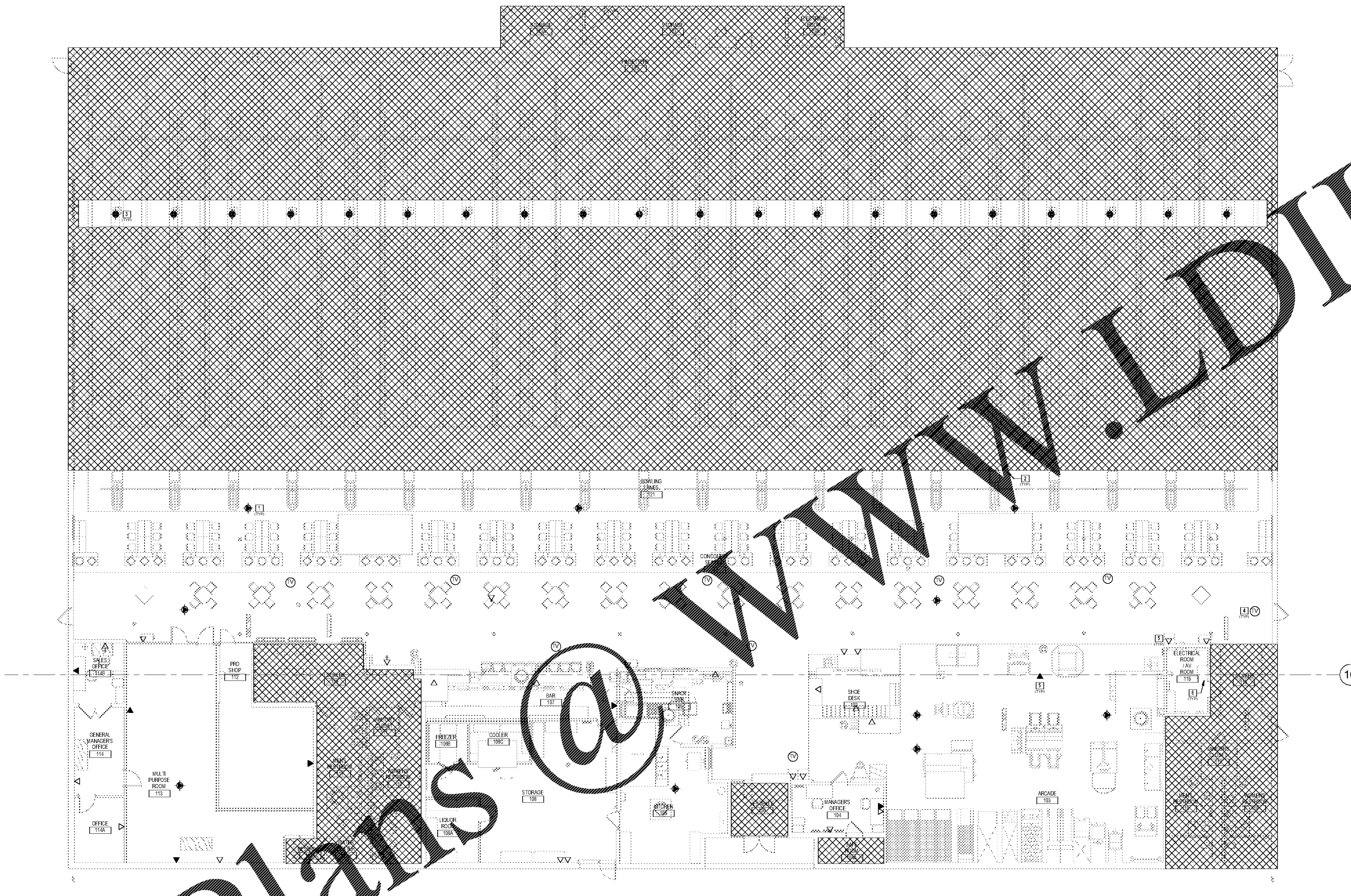


1 LOW VOLTAGE PLAN
1/8" = 1'-0"

## GENERAL NEW LOW VOLTAGE NOTES:

1. REFER TO SHEET E-000 FOR ELECTRICAL GENERAL NOTES
2. FOR TELEPHONE, AND A/V DEVICES REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
3. COORDINATE DEVICE LOCATIONS WITHIN MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
4. FOR TELEPHONE AND DATA CABLES, PROVIDE 5'-0" WHIP AT EACH TERMINATION POINT AND COIL FOR TERMINATION BY OTHERS.
5. ALL LOW VOLTAGE WIRING FOR CONTROLS, AUDIO/VISUAL, TELEPHONE/DATA AND SECURITY NOT INSTALLED IN CONDUIT, SHALL BE PLENUM RATED CONDUCTORS. CABLING SHALL BE BUNDLED USING VELCRO STRAPS AND SUPPORTED IN A WORKMAN LIKE MANNER IN ACCORDANCE WITH THE BICSI STANDARDS AND THE NEC. CONTRACTOR SHALL VERIFY WITH LOCAL AUTHORITY HAVING JURISDICTION AND LANDLORD IF LOW VOLTAGE WIRING IS REQUIRED TO BE INSTALLED IN CONDUIT.

## LOW VOLTAGE SCOPE NOTES

1. COORDINATE ALL LOW VOLTAGE OUTLET ROUGH-IN REQUIREMENTS, QUANTITES AND EXACT LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
2. COORDINATE LOW VOLTAGE CABLING REQUIREMENTS WITH THE ARCHITECUTRAL RESPONSIBILITY MATRIX. ... CONTRACTOR SHALL PULL CABLING FROM HEADEND EQUIPMENT ... TO OUTLET LOCATION. COORDINATE EXACT TYPES AND QUANTITY OF CABLES TO BE PULLED TO EACH ROUGH-IN LOCATION WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH-IN. COORDINATE CABLE TERMINATION AND FACEPLATE REQUIREMENTS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. PROVIDE 10'-0" EXTRA ... AT HEADEND EQUIPMENT LOCATION FOR TERMINATION BY THE OWNER.
3. CONDUIT FROM EACH ROUGH-IN SHALL STUB ... ACCESSIBLE CEILING WITH BUSHING ... END OF CONDUIT.
4. ALL LOW VOLTAGE CABLING SHALL BE SUPPORTED VIA EITHER CABLE TRAY ... J-HOOKS WHEN ROUTED IN ... ACCESSIBLE CEILINGS. CABLE TRAY AND J-HOOKS SHALL BE SUPPORTED FROM BUILDING STRUCTURE. J-HOOKS SHALL BE SPACED AT 3'-0" MAXIMUM. J-HOOKS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.

## ☐ ELECTRICAL PLAN NOTES

1. WIRELESS ACCESS POINT: COORDINATE DATA CABLING AND INSTALLATION REQUIREMENTS FOR WIFI EQUIPMENT WITH OWNER AND FINAL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
2. ALL EXISTING DATA DEVICES AND CONNECTIONS IN THIS AREA ARE EXISTING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS AND MAINTAIN CONTINUITY THROUGHOUT PROJECT.
3. PROVIDE JUNCTION BOX FOR PROJECTOR DATA CONNECTION. COORDINATE FINAL LOCATION AND INSTALLATION REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE TELECOMMUNICATIONS REQUIREMENTS WITH OTHERS PRIOR TO ROUGH-IN. COVER PLATE TO BE PROVIDED BY OTHERS.
4. TELEVISION: COORDINATE TELECOMMUNICATIONS CABLING AND INSTALLATION REQUIREMENTS FOR TELEVISION WITH OWNER AND FINAL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
5. DATA/VOICE OUTLET: PROVIDE JUNCTION BOX WITH SINGLE GANG MUD RING. PROVIDE CONDUIT TO NEAREST ACCESSIBLE LOCATION ABOVE IT/AV ROOM CEILING. PROVIDE CABLES FOR EACH DATA/VOICE PORT FROM OUTLET TO TERMINATION POINT IN IT/AV ROOM.
6. PROVIDE JUNCTION BOX WITH COVER PLATE FOR TELECOMMUNICATIONS AT IT/AV RACK. PROVIDE CABLES WITH ADDITIONAL LENGTH CABLE EXTENDING FROM THE JUNCTION BOX AND COIL FOR TERMINATION BY OTHERS.

**NOTE:**
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS & SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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## LOW VOLTAGE PLAN

# E-130

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