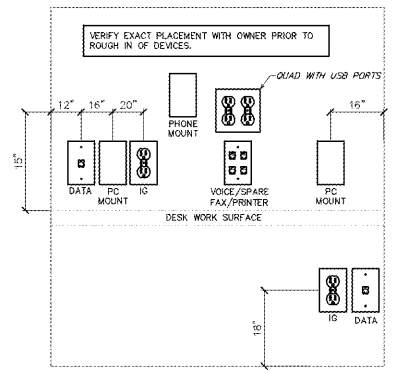


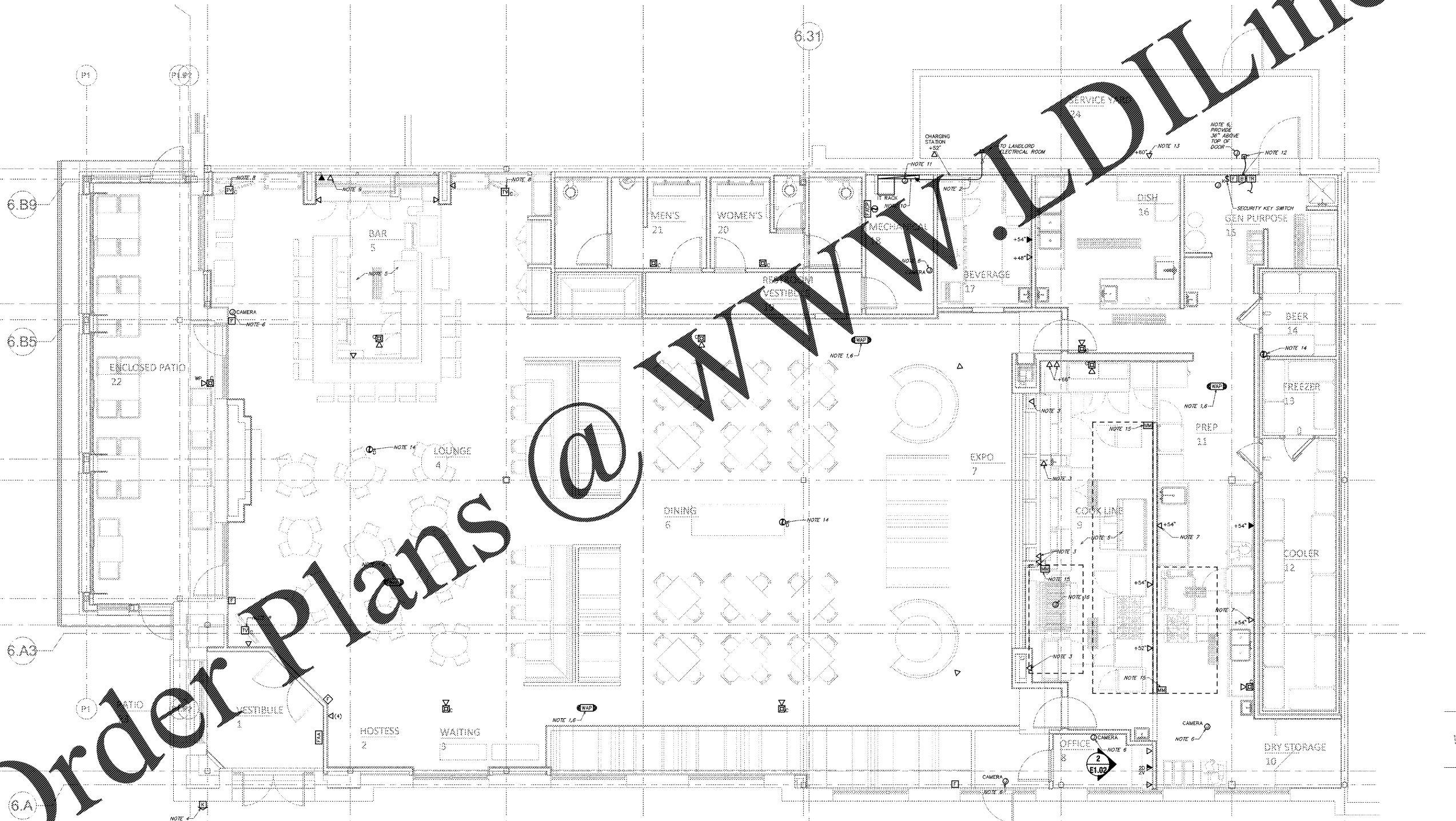
Order Plans

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2 OFFICE POWER/VOICE/DATA ELEVATION
NOT TO SCALE



- GENERAL ELECTRICAL NOTES:**
- WHERE THE MECHANICAL DESIGN UTILIZES A FLENUM RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE FLENUM RETURN CEILING MUST MEET THE FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 20/50 AND BE APPROVED FOR USE IN FLENUM RETURN CEILING. COORDINATE FLENUM CEILING LOCATIONS WITH THE MECHANICAL CONTRACTOR. LUMINAIRES THAT ARE MANUFACTURED WITH A METAL HOUSING MEET THIS REQUIREMENT AND ARE NOT REQUIRED TO BE CEILING RATED UNLESS INDICATED OTHERWISE.
 - COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK PRIOR TO ROUGH-IN. THIS INCLUDES:
 - COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO, MECHANICAL EQUIPMENT, IT/TELECOM EQUIPMENT, AUDIO/VISUAL EQUIPMENT, FIRE SUPPRESSION SYSTEM EQUIPMENT, FIRE ALARM EQUIPMENT, ETC. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARDWIRED EQUIPMENT. THE ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE AN APPROPRIATE CORD AND PLUG FOR ANY CORD-PLUG CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTERNAL CORD AND PLUG.
 - ALL EQUIPMENT, DEVICES, AND LUMINAIRES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE NEMA 3R. DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 150- or 250-AMPS AND 125 VAC WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHITE-TH-USE IN WET LOCATIONS).
 - ALL FIRE ALARM/AV/POS WIRING DEVICES AND FINAL TERMINATION WILL BE COMPLETED BY OWNER'S SUBCONTRACTOR. ELECTRICIAN TO PROVIDE ALL BOXES IN WALL AND CONDUIT ABOVE CEILING WITH PULLSTRING.
 - ALL FIRE ALARM MANUAL PULL STATION LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO ROUGH-IN.
- KEYED NOTES:**
- WIFI ACCESS POINT (WAP) PROVIDE JUNCTION BOX AT CEILING.
 - ROUTE AT EMPTY PVC CONDUIT WITH 1/2" CORD FROM LANDLORD'S MAIN TELEPHONE BOARD TO THIS LOCATION FOR FIBER DISTRIBUTION PANEL AND CENX 500 FIBER ROUTER. LOCATE FIBER MANAGER RECEPTACLE SHOWN ON E1.01 WITHIN 4' OF ROUTER AND ADD A GROUND BAR WITH #6 GROUND WIRE WITHIN 6" OF THE CENX ROUTER.
 - LOCATE POS AND RECEPTACLE AT 16" AFF IN RECESSED WALL BOX AT COORLINE.
 - VERIFY FINAL LOCATION OF HOOK BOX WITH FIRE MARSHAL.
 - ALL BAR AREA AND KITCHEN AREA DATA JACKS ARE TO BE WEATHERPROOF.
 - WIRELESS ACCESS POINTS AND NETWORK CAMERA LOCATIONS HAVE 10' MINIMUM EXTRA CABLE AND ARE LEFT IN THE CEILING.
 - TABLE ARM LOCATION AT 54" AFF OR ABOVE THE WASHING BASIN AND BELOW THE SHELF.
 - PROVIDE A COVER ON BACKSIDE OF T, V, TO CONCEAL CABLES ON ALL UNITS.
 - COORDINATE WITH VENDOR FOR COVERS.
 - LOCATE OUTLET CLOSE TO SIDE WALL UNDERNEATH BACK BAR.
 - PROVIDE A 4'-0" x 8'-0" x 5/8" UL-LABELED FIRE-RETARDANT PLYWOOD SHROUDED FOR TELECOMMUNICATIONS EQUIPMENT. PROVIDE GROUND BAR MOUNTED ON BACKDRAGS WITH EQUIPMENT GROUNDING CONDUCTOR CONNECTED TO POWER SYSTEM'S GROUNDING ELECTRICAL SYSTEM MOUNT 4' x 8' x 5/8" PLYWOOD BOARD AT 6" MIN. AFF.
 - PROVIDE WALL MOUNTED JUNCTION BOX FOR CONNECTION TO GROUND SYSTEM BAR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.
 - PROVIDE DOOR BUZZER (CHAMBER - FEDIA) AND PUSH BUTTON AT DOOR. CONNECT TO NEAREST 120V CIRCUIT.
 - PROVIDE A RUN CAT-5E CABLE (DATA LINE) FROM 2" x 4" JUNCTION BOX AT WASTE OIL TANK THROUGH 1/2" ELECTRICAL CONDUIT TO MANAGER'S DESK.
 - PROVIDE A RUN CAT-5E CABLE AT BOTH ENDS FOR MANDREY WASTE OIL TANK. DUCT SMOKE DETECTOR AND RELAY FOR HVAC UNIT SUPPLY FAN SHALL BE PROVIDED BY EQUIPMENT MANUFACTURER INTEGRAL WITH THE EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A REMOTE KEYED TEST STATION WITH VISUAL STATUS INDICATOR. REMOTE SMOKE DETECTOR IS INSTALLED IN A CONCEALED LOCATION GREATER THAN 10'-0" ABOVE FINISHED FLOOR OR WHEN DUCT SMOKE DETECTOR'S STATUS INDICATORS ARE NOT REMOTE, COORDINATE LOCATION OF REMOTE KEYED TEST STATION WITH AUTHORITY HAVING JURISDICTION AND OWNER PRIOR TO ROUGH-IN. ALL FINAL WITHIN THE ELECTRICAL CONTRACTOR.
 - CREATE HOOD FIRE SUPPRESSION SYSTEM SHALL BE INTERLOCKED WITH THUNDER ALARM SYSTEM SUCH THAT FIRE SUPPRESSION SYSTEM ACTIVATION INITIATES THE FIRE ALARM SYSTEM. COORDINATE EXACT LOCATION OF THE HOOD FIRE SUPPRESSION SYSTEM CONTROL PANEL WITH THE OWNER AND FIRE MARSHAL PRIOR TO ROUGH-IN.
 - PROVIDE A MINIMUM 12" x 24" EXHAUST CABLE CABLE FOR FINAL CONNECTION TO GRILL HOOD.



1 SYSTEMS PLAN
NOT TO SCALE

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CONSTRUCTION DOCUMENTS
05/10/18

No.	Description	Date



SYSTEMS PLAN
E1.02
sheet number | title