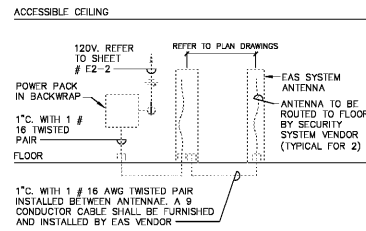


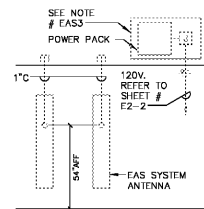
CCTV CAMERA WIRING DIAGRAM

NO SCALE
 CCTV NOTES:
 1. REFER TO CCTV VENDOR DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT. ALL CCTV EQUIPMENT AND WIRING SHALL BE FURNISHED AND INSTALLED BY VENDOR.



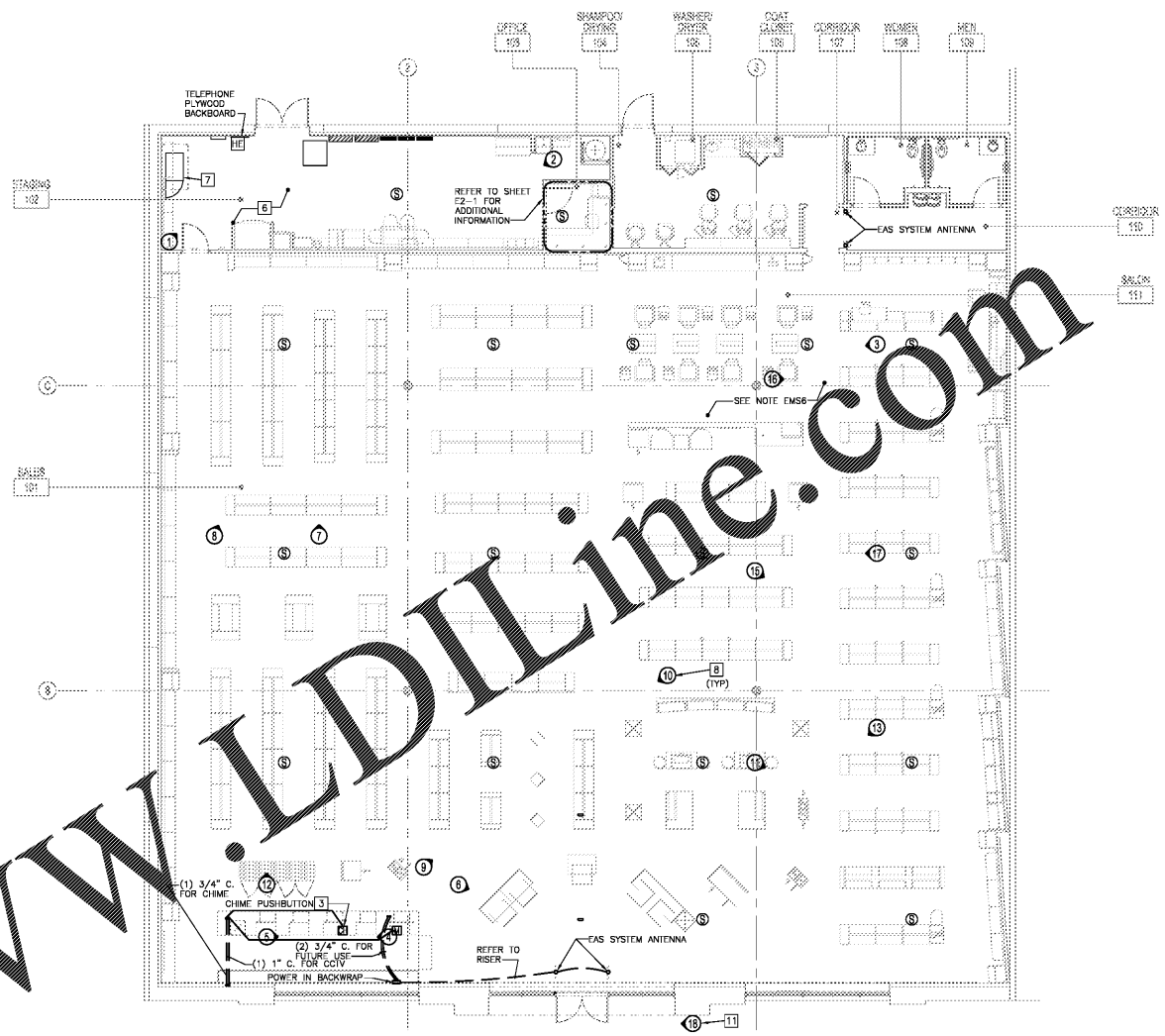
FRONT SYSTEM EAS CHECKPOINT SYSTEM RISER

NO SCALE
 EAS NOTES:
 EAS1. PROVIDE 10' SLACK CABLE AT EACH END FOR TERMINATION BY EAS VENDOR.
 EAS2. ALL SECURITY SYSTEM WIRING SHALL BE FURNISHED AND INSTALLED BY VENDOR.
 EAS3. PROVIDE 2' X 3' FIRE TREATED PLYWOOD FOR SECURITY ANTENNA. SCREW PLYWOOD INTO WALL STUDS AND MOUNT BOTTOM OF PLYWOOD 6" ABOVE CEILING. COORDINATE LOCATION WITH ARCHITECTURE DRAWINGS AND VENDOR IN FIELD. VERIFY EXACT CONNECTION REQUIREMENTS OF SECURITY ANTENNA TO SECURITY POWER PACK WITH SECURITY VENDOR IN FIELD.



REAR SYSTEM EAS CHECKPOINT SYSTEM RISER

NO SCALE
 EAS NOTES:
 EAS1. PROVIDE 10' SLACK CABLE AT EACH END FOR TERMINATION BY EAS VENDOR.
 EAS2. ALL SECURITY SYSTEM WIRING SHALL BE FURNISHED AND INSTALLED BY VENDOR.
 EAS3. PROVIDE 2' X 3' FIRE TREATED PLYWOOD FOR SECURITY ANTENNA. SCREW PLYWOOD INTO WALL STUDS AND MOUNT BOTTOM OF PLYWOOD 6" ABOVE CEILING. COORDINATE LOCATION WITH ARCHITECTURE DRAWINGS AND VENDOR IN FIELD. VERIFY EXACT CONNECTION REQUIREMENTS OF SECURITY ANTENNA TO SECURITY POWER PACK WITH SECURITY VENDOR IN FIELD.



FLOOR PLAN - LOW VOLTAGE WIRING
 SCALE: 1/8"=1'-0"
 NORTH

EMS NOTES:
 EMS1. ELECTRICAL CONTRACTOR TO MOUNT 12"x12" JUNCTION BOX (PROVIDED BY EMS VENDOR) NEXT TO THE EMS PANEL BASEPLATE. COORDINATE EXACT LOCATION WITH EMS VENDOR. ELECTRICAL CONTRACTOR TO INSTALL CONDUIT BETWEEN EMS PANEL BASEPLATE AND 12"x12" JUNCTION BOX.
 EMS2. ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED 120V CIRCUIT FOR THE EMS PANEL POWER SUPPLY AND TERMINATE COMPLETE (INSTALLED INSIDE OF 12"x12" JUNCTION BOX) TERMINATION TO OCCUR ONCE THE EMS PANEL POWER SUPPLY IS INSTALLED BY VENDOR.
 EMS3. ELECTRICAL CONTRACTOR TO INSTALL SQUARE D FACTORY WIRING COMMUNICATION CABLE BETWEEN THE SQUARE D NF2000G3 MASTER CONTROLLER LOCATED IN THE EMS PANEL AND SQUARE D NFS603 SLAVE CONTROLLER LOCATED IN THE EMS PANEL B AND TERMINATE COMPLETE COMMUNICATIONS PER SCHEDULE B ROUTED IN CONDUIT.
 EMS4. ELECTRICAL CONTRACTOR TO PROVIDE THE EXISTING CURRENT TRANSFORMER IN THE MAIN ELECTRICAL TIE-IN IN THE MAIN DISTRIBUTION LEVEL MDP TO BE USED TO MOUNT THE EMS ENERGY METER TO THE MAIN MDP. MOUNT THE ENERGY METER TO THE MAIN MDP. ELECTRICAL CONTRACTOR TO PROVIDE THE EMS ENERGY METER PANEL. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CONDUIT BETWEEN MAIN MDP AND EMS PANEL.
 EMS5. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL CONDUIT AND BOXES AS NECESSARY FOR CONTROL WIRING. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. THIS INCLUDES LENOX ZONE TEMPERATURE SENSORS AND COMMUNICATION WIRING. IF THE WIRE NEEDS TO BE IN CONDUIT, THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL THE CONDUIT. ULIA'S EMS VENDOR WILL VERIFY AND INSTALL THE WIRING INSIDE THE CONDUIT. IF CONDUIT IS NOT REQUIRED, ELECTRICAL CONTRACTOR IS TO PROVIDE A CUT-IN RING AND PULL STRING FROM ABOVE THE CEILING TO THE CUT-IN RING.
 EMS6. PROVIDE 1-GANG BACK BOX WITH 3/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE WITH PULL STRING FOR EACH EMS TEMPERATURE, HUMIDITY AND CO2 SENSOR AS REQUIRED FOR EACH HVAC SYSTEM. SEE MECHANICAL DRAWINGS M-1 AND M-2 FOR SENSOR QUANTITIES AND LOCATIONS.

SOUND SYSTEM WIRING NOTES:
 S1. MANAGER'S OFFICE, LOUNGE & DM OFFICE VOLUME CONTROL IS LOCATED IN THE MANAGER'S OFFICE. SKIN CONTROL AREAS VOLUME CONTROL LOCATIONS WILL VARY FROM SITE TO SITE BUT IS LOCATED IN EACH AREA. VERIFY THE EXACT LOCATION OF EACH AREA VOLUME CONTROL WITH S.C. ON SITE.
 S2. SOUND SYSTEM TO BE 100% BY THE BEGINNING OF RESIDENTIAL COMPLETION WEEK.
 S3. REFER TO SOUND SYSTEM VENDOR DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT. ALL HEAD END EQUIPMENT, SPEAKERS, VOLUME CONTROL AND WIRING SHALL BE FURNISHED AND INSTALLED BY VENDOR.

- NOTES:**
- ALL CONDUIT AND BACK BOXES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. ALL CABLES, DEVICES AND TERMINATIONS SHALL BE FURNISHED AND INSTALLED BY ULIA'S SOUND VENDOR. PROVIDE 10 FEET OF SLACK CABLE AT EACH DEVICE.
 - INSTALLATION OF VOLUME CONTROL STATIONS SHALL BE BY SOUND SYSTEM VENDOR. PROVIDE SINGLE GANG BACKBOX WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE.
 - CHIME PUSHBUTTON. ELECTRICAL CONTRACTOR TO PROVIDE 1900 BOX WITH SINGLE GANG TRIM PLATE. SEE SOUND SYSTEM WIRING DIAGRAM THIS SHEET FOR ADDITIONAL INFORMATION. SEE DETAIL 1/7-1/1C FOR EXACT CHIME LOCATION.
 - ALL LOW VOLTAGE CABLE/WIRING SHALL BE RUN ADJACENT TO THE PERIMETER SOFFITS NOT MORE THAN 3'-0" OFF DEMISING WALLS.
 - ALL CONDUIT AND JUNCTION BOXES SHALL BE SUPPORTED INDEPENDENTLY FROM ACoustICAL CEILING.
 - DUCT MOUNTED SMOKE DETECTORS SHALL BE FACTORY MOUNTED IN THE RITUS. MAINTAIN CONTINUITY OF SERVICE TO EXISTING DUCT DETECTORS AS REQUIRED. INSTALL REMOTE INDICATING DEVICES FURNISHED WITH RITU ON NEAREST COLUMN/WALL AS REQUIRED.
 - IF CABINET TO BE FURNISHED BY ULIA AND INSTALLED BY GENERAL CONTRACTOR.
 - CAMERA LOCATIONS SHOWN ARE FOR REFERENCE ONLY.
 - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL ELECTRICAL DEVICES. CONTRACTOR SHALL COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ANY INSTALLATION. ALL CEILING MOUNTED DEVICES SHALL BE CENTERED IN CEILING TILE.
 - NO SENSORS, KEYPADS OR SIMILAR EQUIPMENT TO BE MOUNTED TO MILLWORK.
 - PROVIDE CONDUIT STUB WITH PULL STRING FROM EXTERIOR CAMERA TO ACCESSIBLE CEILING SPACE. VERIFY EXACT LOCATION WITH SECURITY VENDOR. CAMERA MOUNT SHALL BE WATERPROOF.

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FLOOR PLAN LOW VOLTAGE WIRING

DESIGNED BY	HEI
CHECKED BY	HEI
JOB NUMBER	19047
SHEET NUMBER	E3-1

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