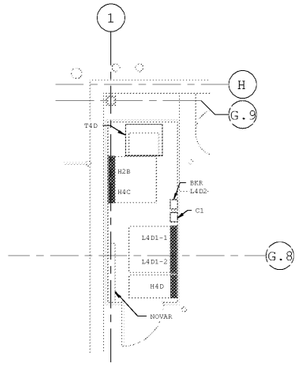
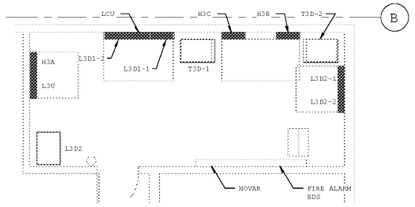
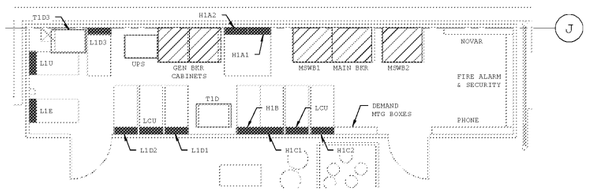


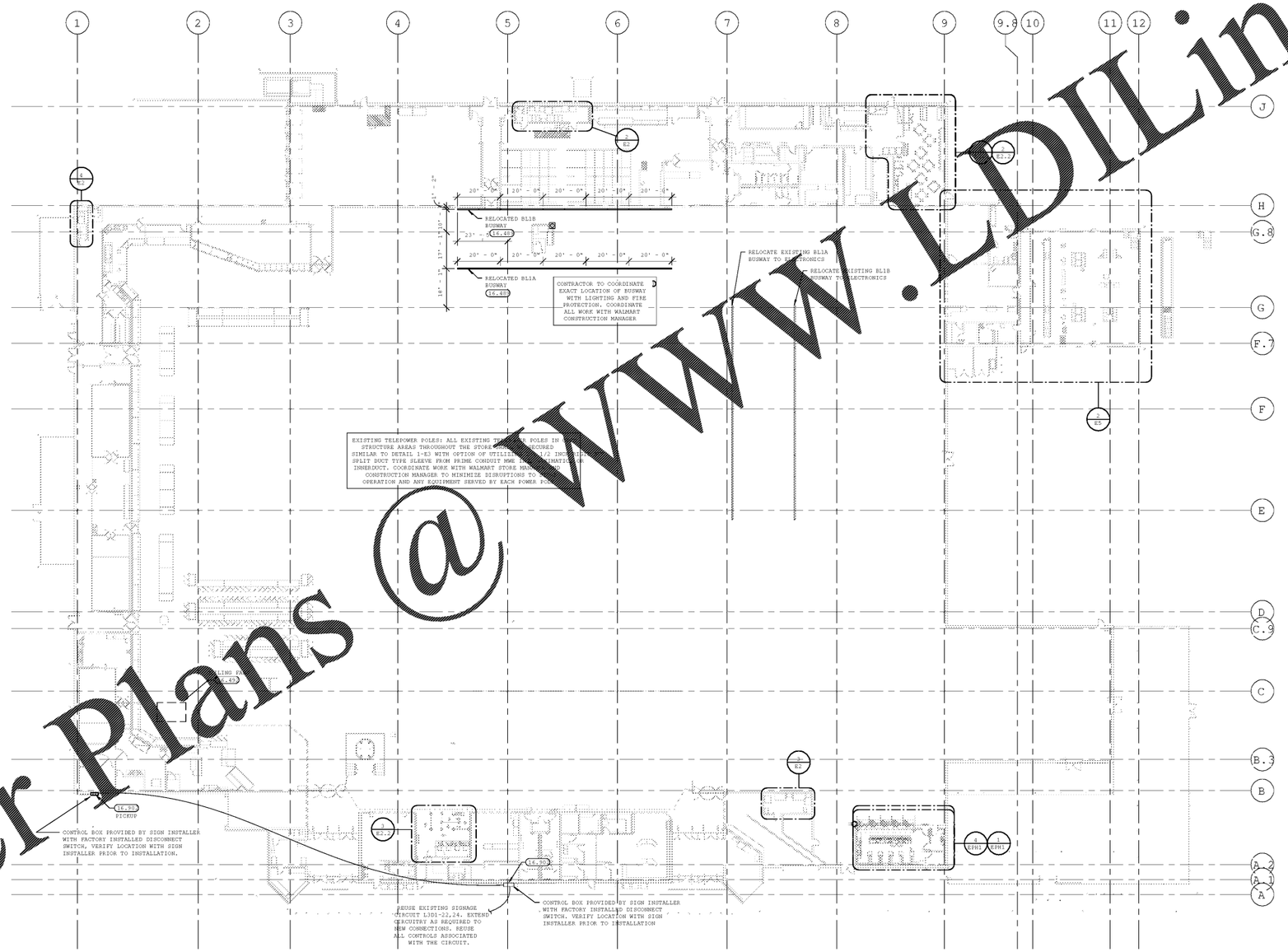
4 ELECTRICAL ROOM 4
1/4" = 1'-0"



3 ELECTRICAL ROOM 3
1/4" = 1'-0"



2 ELECTRICAL ROOM 1
1/4" = 1'-0"



1 POWER PLAN
3/64" = 1'-0"

VISION CENTER GENERAL NOTES

UNLESS FLOORBOXES ARE STILL IN SERVICE, EXISTING FLOORBOXES IN VISION CENTER SALES AREA TO BE ABANDONED (REF ARCHITECTURAL AND SPECIFICATIONS). ELECTRICAL CONTRACTOR SHALL VERIFY WITH WALMART CONSTRUCTION MANAGER AND STORE MANAGER THAT FLOOR BOXES ARE NO LONGER IN USE. REMOVE EXISTING BRANCH CIRCUITRY FROM FLOORBOXES TO NEAREST JUNCTION BOX AS REQUIRED.

GENERAL POWER NOTES

04.27.16

1. TELEPOWER POLE(S): MOUNT JUNCTION BOX(ES) TO TOP SIDE OF BOTTOM CHORD OF BAR JOIST. INSTALL FURNISHED POWER POLE AND TERMINATE WIRING TO JUNCTION BOX. PROVIDE UNISTRUT SUPPORTS AND HARDWARE TO SECURE TELEPOWER POLE PLUMB TO BUILDING STRUCTURE. REF POWER POLE CONNECTION DETAIL.
2. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT ENCLOSURE OR ELECTRICAL CONNECTION POINT.
3. WHERE EQUIPMENT NAMEPLATE PROTECTIVE DEVICE RATING DIFFERS FROM SIZE PROVIDED, CHANGE OUT BRANCH CIRCUIT WIRING AND OVERCURRENT DEVICE TO APPROPRIATE SIZE PER NEC.
4. ELECTRONIC FIRE PROTECTION AND SECURITY JUNCTION BOXES AND CONDUITS SHOWN ON POWER PLANS SHALL BE PROVIDED BY THIS CONTRACT. IN ADDITION, PROVIDE OTHER ITEMS AS THE FOLLOWING GENERAL NOTES APPLY:
   A. ALL ALARM JUNCTION BOXES SHALL BE 4" SQ. x 2-1/8" MIN.
   B. ALARM BOX COVERS SHALL BE 4" MINIMUM WITH FULL WIDTH INSULATED BUSHINGS AT END OF VERTICAL RUNWAY.
   C. VERTICAL RUNWAYS FOR FIRE ALARM BOXES SHALL BE EITHER CONCEALED INSIDE WALL OR SURFACE MOUNTED (TO MATCH JUNCTION BOX MOUNTING). ALL VERTICAL RUNS SHALL BE TURNED 90 DEGREES AT TOP SIDE OF BOTTOM CHORD OF BAR JOIST AND EXTENDED HORIZONTALLY TO A LOCATION ACCESSIBLE BY VERTICAL FLOOR TYPE LIFT.

   UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT:
   A. INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE.
   B. PERFORM CONTINUITY TEST.
   C. VERIFY PROPER PHASING CONNECTION TO ALL THREE PHASE MOTOR LOADS.
6. REPLACE ANY MISSING, DAMAGED OR BROKEN RECEPTACLES AND COVER PLATES THROUGHOUT THE INTERIOR AND EXTERIOR OF THE STORE.

KEYNOTES

16.489 RELOCATE, EXTEND, AND RECONNECT CIRCUITRY AND ELECTRICAL DEVICES FOR RELOCATED AND/OR NEW EQUIPMENT. VERIFY CONDITION OF BRANCH CIRCUITRY, CONDUIT AND WIRE TO ENSURE THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED. VERIFY FINAL LOCATION OF RELOCATED/NEW EQUIPMENT WITH WALMART CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.

16.492 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE CONDUITS AND WIRES ALL THE WAY BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. LABEL DEMOLISHED CIRCUIT(S) IN PANELBOARDS AS "SPARE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.

16.902 EXTERIOR SIGN POWER: WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR BELOW ROOF LINE, MOUNT JUNCTION BOX(ES) TO WALL AT SIGN CONNECTION POINT AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). REFER TO ARCHITECTURAL DRAWINGS FOR EXACT SIGN LOCATION(S) PRIOR TO INSTALLATION. WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR ABOVE ROOF LINE, PROVIDE UNISTRUT TO MOUNT JUNCTION BOXES TO BACK SIDE OF PARAPET AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). PROVIDE ONLY ONE PENETRATION THROUGH THE ROOF. REF ARCHITECTURAL EXTERIOR WALL SECTIONS AND SIGN ATTACHMENT FOR ROOF AND PARAPET PENETRATION REQUIREMENTS.

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

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

1921 Prospect Ave.
Orlando, FL 32814
p (407) 895-1500
f (407) 895-9696
www.gfa.com

CERTIFICATION FOR LICENSURE

THIS DRAWING AS PREPARED FOR PERMITTING AND CONSTRUCTION COORDINATION WITH ITS SPECIFICATIONS IS INCOMPLETE AND IS NOT INTENDED TO BE USED FOR BIDDING, PERMITTING OR CONSTRUCTION PURPOSES. THE FINAL PROJECT REQUIRES THE EFFECTIVE INTEGRATION OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION ENGINEERING SYSTEMS, NOT ONLY INDIVIDUALLY BUT ALSO WITH EACH OTHER. ANY USE OF THIS DRAWING SHALL BE CONTRARY TO THE LAW.

CONSULTANTS

Walmart
JESUP, GA
STORE NO: 2630
3180278 | 8907x1 | 139
FOR NUMBERS

ISSUE BLOCK

CHECKED BY:	JPM
DRAWN BY:	MD
PROTO CYCLE:	07/27/16
DOCUMENT DATE:	10/05/16

NOT FOR CONSTRUCTION

POWER PLAN

SHEET:
E2

Order Plans @ WWW.LDLine.com