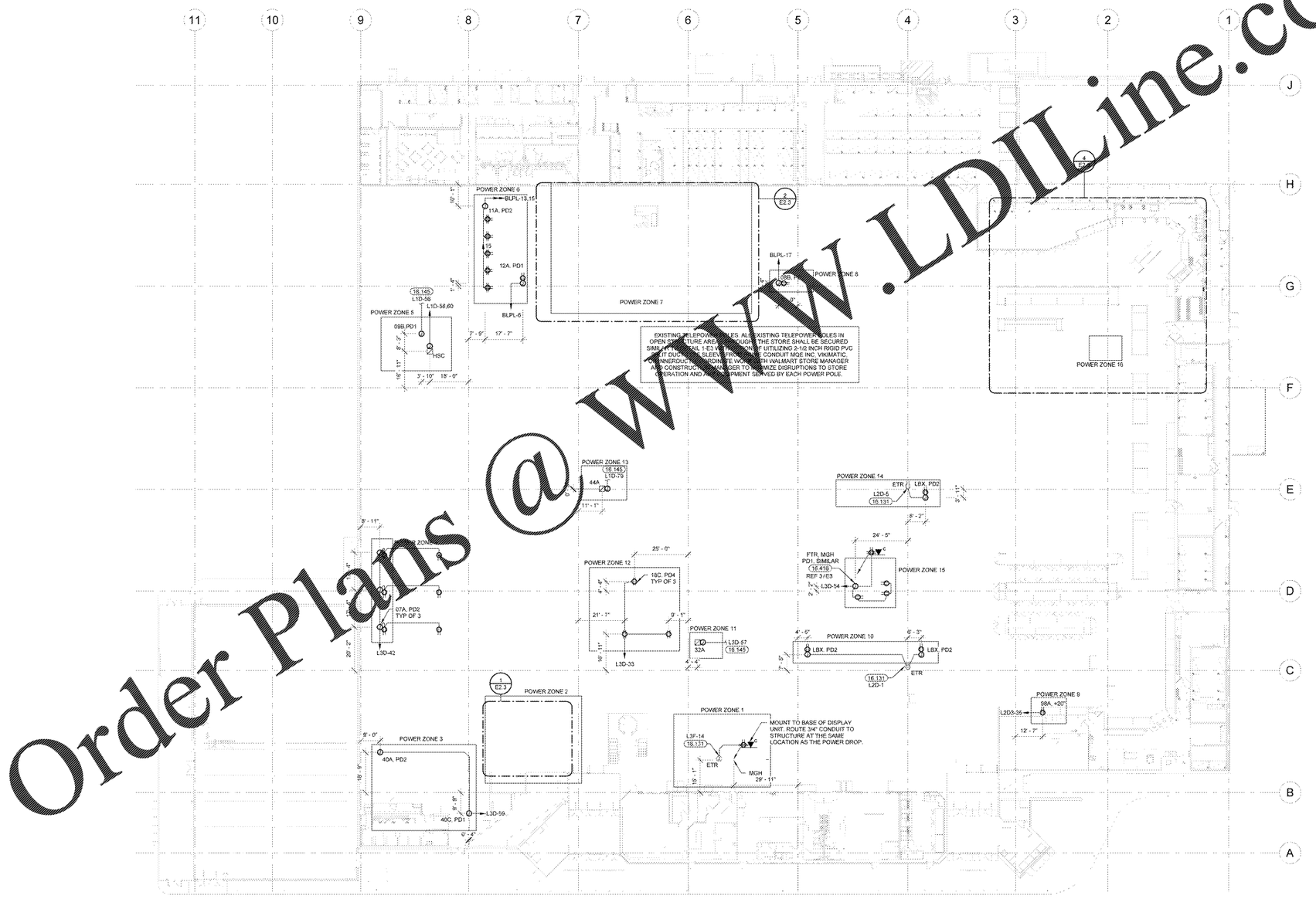

1 POWER DROP PLAN
1" = 20'-0"

POWER DROP SCHEDULE

SCHED.

NO.	DESCRIPTION
PD1	MOUNT RECEPTACLE(S) ON TOP OF DISPLAY UNIT(S)
PD2	MOUNT RECEPTACLE(S) 6" ABOVE BASE OF DISPLAY ON UNIT(S) SO THAT RECEPTACLE(S) AND CONDUIT DO NOT INTERFERE WITH SHELF HEIGHT ADJUSTMENTS
PD3	PROVIDE DIRECT CONNECTION TO EQUIPMENT
PD4	OPEN STRUCTURE: MOUNT RECEPTACLE AT BAR JOIST AND INSTALL FURNISHED CORD REEL. LAY-IN CEILING: PROVIDE RECESSED CEILING RECEPTACLE AND INSTALL FURNISHED CORD REEL BELOW CEILING. CORD REEL SHALL BE MOUNTED TO CEILING FAN RATED JUNCTION BOX, SECURED TO LAY-IN CEILING WITH T-BAR BOX HANGER. PROVIDE 1/2" THREADED STEEL ROD FROM JUNCTION BOX TO BOTTOM OF STRUCTURAL JOIST OR CHANNEL STRUT BRIDGING ABOVE FOR SUPPORT

POWER DROP NOTES

1. POWER DROPS WILL BE IDENTIFIED BY AN IPTV TAG AS "POWER" ONLY. 44E, 44A, 46E, ETC. ALL CHECKOUT POWER SHALL BE CONSIDERED POWER DROPS.
2. ALL VERSION OF THIS PLAN BASED ON THE FINAL MERCHANDISE LAYOUT MAY BE ISSUED TO SHOW FINAL LOCATIONS FOR THE POWER DROPS. IF THE MERCHANDISE PLAN DOES NOT CHANGE THIS PLAN WILL NOT BE REISSUED. PROVIDE CIRCUITRY TO DISPLAY RACKS AS THE RACKS ARE SET. IN ADDITION, THE FOLLOWING POWER DROP NOTES APPLY:
   A. THERE WILL BE NO ADDITIONAL CHARGE FOR DROP RELOCATION WITHIN POWER DROP ZONES DEFINED ON DRAWING.
   B. AT CLOSE OF PROJECT THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER SHALL REVIEW ADDITIONAL OR DELETED POWER DROPS WITHIN EACH ZONE TO VERIFY ANY ADDITIONAL CHARGES OR CREDITS THAT APPLY DUE TO CHANGES.
   C. ADDING OR SUBTRACTING A POWER DROP TO ANY ZONE WILL RESULT IN A CHARGE OR CREDIT ACCORDING TO SPECIAL CONDITIONS.
3. PROVIDE JUNCTION BOX AND CIRCUITRY TO NEAREST JOIST ABOVE LOCATION SHOWN ON DRAWING. EXTEND CONDUIT AND CIRCUITRY FROM JUNCTION BOX TO ENDCAP OF DISPLAY RACK.
4. WHEN EXPOSED VERTICAL CONDUIT FROM STRUCTURAL CONNECTION TO GONDOLA EXCEEDS 10 FEET, INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED IN LIEU OF ELECTRICAL METALLIC CONDUIT (EMT). THE IMC CONDUIT AND COUPLINGS SHALL BE THREADED AND BE SECURELY FASTENED AT THE GONDOLA AND AT STRUCTURE.
5. PROVIDE CONDUIT, RECEPTACLE(S) AND FINAL CONNECTIONS AT DISPLAY RACK SHELVING PER POWER DROP SCHEDULE UNLESS NOTED OTHERWISE ON DRAWING. VERIFY EXACT HEIGHT AND LOCATION OF RECEPTACLE(S) WITH STORE PLANNING SET-UP SUPERVISOR PRIOR TO INSTALLATION.
6. POWER DROPS FED FROM TRACK BUSWAY: INSTALL PLUG-IN UNIT AT A POINT ON TRACK BUSWAY NEAREST POWER DROP(S).

KEYNOTES

16.131 CONNECT TO EXISTING CIRCUIT.

16.145 CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.

16.416 FITTING ROOM POWER AND 3/4"DATA CONDUIT SHALL DROP AT THIS LOCATION. EXTEND DESK POWER AND DATA CONDUIT DOWN WALL, THEN +8" TO DESK. FITTING ROOM CONDUIT AND RECEPTACLES SHALL BE 8" ABOVE OPEN GRID. HARDWIRE (1) LIGHT PER ROOM DIRECTLY TO RECEPTACLE JUNCTION BOX.

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

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NOT FOR CONSTRUCTION

POWER DROP PLAN

SHEET:
E2.1

VINCENT G. MASILIONIS