

NO.	DATE	BY	DESCRIPTION
REVISIONS			

FLOOR PLAN - ELECTRICAL  
 STORE # 11134  
**WALGREENS**  
 700 JIMMY DR.  
 SMYRNA, DELAWARE

CADD PLOT: 5/26/2023 11:44:44 AM  
 DRAWN BY: NR  
 DATE: 06/26/2023  
 REVIEWED: DD

### E-111 REFERENCE KEYED NOTES

DIVISION 26 - ELECTRICAL

26 10 01	ONE (1) 20A 120V 1PH CIRCUIT FOR CASH REGISTER (CR) LOCATION. SEE DETAILS ON E-550 ON WALGREENS LFR-UDS FOR RECEPTACLE QUANTITIES AND MOUNTING AND DETAIL 4/E-510 ON WALGREENS LFR-UDS FOR CIRCUITING INFORMATION. HOMERUN BACK TO PANEL "LP-CR". UTILIZE EXISTING CIRCUITS MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 52	FLOOR OR WALL OUTLET. CONNECT TO MULTI-OUTLET RACEWAY ASSEMBLY (PLUGMOLD) WITH RECEPTACLES SPACED 6" FROM CENTERS. SEE DETAIL 7/E-550 ON WALGREENS LFR-UDS. UTILIZE EXISTING CIRCUITS MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 55	EXISTING FLOOR BOX UNDER GONDOLAS AND WALL SHELVING TO REMAIN EXISTING. GONDOLAS WILL BE REPLACED. MAINTAIN CONTINUITY OF SERVICE TO EXISTING DEVICES. REPLACE ANY BROKEN OR DEFECTIVE PARTS. NEW GONDOLAS WILL BE PLACED IN SAME LOCATION AS EXISTING. REUSE EXISTING CIRCUITS WITH NEW GONDOLAS. REINSTALL EXISTING FLOOR OUTLET CIRCUITS IN NEW WALL SHELVING.
26 10 56	EXISTING FLOOR BOX UNDER GONDOLAS AND WALL SHELVING TO REMAIN. MAINTAIN CONTINUITY TO EXISTING PPI CIRCUITS AND REMOVE EXISTING LPCR CIRCUITS AND DATA COMPLETELY BACK TO SOURCE. REWORK FLOOR BOXES PER E550 DETAIL ON UDS.
26 10 60	200W OUTLET WITH RECEPTACLE MOUNTED INSIDE CASH REGISTER STAND. REFER TO DETAILS 1 & 2/E-550 ON WALGREENS UDS FOR OUTLET MOUNTING. UTILIZE EXISTING CIRCUIT MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 63	POWER POLE TO FEED POWER AND DATA TO FRONT CHECKOUTS AND PHOTO AREA, AS REQUIRED. EXTEND POLE FROM FINISH FLOOR TO ABOVE CEILING GRID WITH CEILING TRIM KIT ACCESSORY. FOR LOCATIONS WITH EXPOSED CEILING, POLE TO EXTEND 12" MINIMUM ABOVE LIGHT PLANE IN GENERAL SALES AREA. CONNECT POLE TO MOUNTING BRACKET ACCESSORY. PROVIDE 2-CHAPPOWER POLE WITH BARRIER PLATE TO SEPARATE POWER AND DATA WHEN REQUIRED.
26 10 68	FLOOR OUTLET WITH ONE (1) 120V 1PH CIRCUIT FROM PANEL LP-CR CONNECTED TO TWO (2) DUPLEX RECEPTACLES FOR PHOTO WORKSTATION. MOUNT RECEPTACLE BELOW CABINET. HOMERUN BACK TO PANEL "LP-CR". UTILIZE EXISTING CIRCUIT MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 69	200W GENERAL PURPOSE DUPLEX RECEPTACLE. MOUNTED AT 1'-6" A.F.F. UNLESS NOTED OTHERWISE.
26 10 75	TWO (2) 20A 120V 1Ø CIRCUITS (1/2" C. 2#12 & 1#12 DEDICATED GROUND) EACH CIRCUIT WITH DUPLEX RECEPTACLE MOUNTED AT 40" A.F.F. FOR FUJIFILM DL480 PAPER PROCESSOR AND IMAGE PROCESSOR PC. GROUND SHALL CONNET TO LUG ATTACHED TO PANELBOARD ENCLOSURE ON PANEL FEEDING THIS EQUIPMENT UTILIZE EXISTING CIRCUIT MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 77	ONE (1) 20A 120V 1PH CIRCUIT. WITH SIMPLEX RECEPTACLE(S) (QUANTITY NOTED ON PLAN). MOUNTED TO BOTTOM OF ROOF STRUCTURE FOR ELECTRONIC ARTICLE SURVEILLANCE (EAS) SYSTEM. PROVIDE LOCK ON CIRCUIT BREAKER.
26 10 80	ONE (1) 20A 120V 1Ø CIRCUIT (1/2" C. 2#12 & 1#12 DEDICATED GROUND) WITH DUPLEX RECEPTACLE MOUNTED AT 1'-6" A.F.F. FOR EPSON 7890 LARGE FORMAT PRINTER. UTILIZE EXISTING CIRCUIT MADE SPARE DURING DEMOLITION. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD.
26 10 120	ONE (1) 20A 120V 1PH CIRCUIT CONNECTED TO TWO (2) DUPLEX RECEPTACLES FOR GDM COOLERS. UTILIZE EXISTING FLOOR BOX IF FEASIBLE. IF EXISTING FLOOR BOX DOES NOT ALIGN WITH COOLER, PROVIDE POWER POLE.
26 10 121	OUTLET WITH ONE (1) 20A 120V 1PHASE CIRCUIT CONNECTED TO QUAD RECEPTACLES AT 26" A.F.F. FOR PHOTO KIOSK. UTILIZE EXISTING CIRCUIT MADE SPARE DURING DEMOLITION FROM EXISTING PHOTO STUDIO. VERIFY EXACT CIRCUIT TO BE UTILIZED IN FIELD. PROVIDE DATA BOX AND CONDUIT STUB TO CEILING AT EACH.
26 10 123	ONE (1) 20A 120V 1PH CIRCUIT FROM DEDICATED COMPUTER PANEL "LP-CR" CONNECTED TO CEILING MOUNTED DUPLEX RECEPTACLE FOR DISPLAY MONITOR. SEE DETAIL 10/I-510.
26 10 124	CORNICE LIGHTS IN OLD PHOTO AREA ARE TO BE SALVAGED AND REINSTALLED ON RESET/NEW SHELVING. NEW CORNICE LIGHT FIXTURES TO BE ADDED IF SALVAGED QUANTITY IS NOT ENOUGH TO COVER ALL RESET/NEW SHELVING CORNICE. NEW CORNICE LIGHTS SHALL MATCH EXISTING.

### NOTES

- DIMENSIONAL HEIGHTS OF OUTLETS AND RECEPTACLES SHALL BE MEASURED FROM FINISHED SALES AREA FLOOR TO THE CENTER OF THE OUTLET OR RECEPTACLE.
- ALL RECEPTACLES SHALL BE GROUNDING TYPE.
- FOR ALL RECEPTACLES FED FROM PANEL "LP-CR", PROVIDE A LABEL ON THE FACEPLATE INDICATING PANEL "LP-CR" AND CIRCUIT NUMBER USING A P-TOUCH LABELING MACHINE.
- PVC CONDUIT AND FITTINGS ARE ACCEPTABLE ONLY BELOW SUBBASE MATERIAL OF GROUND BEARING FLOOR SLABS WHERE SUCH USE IS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. CONDUIT SIZE TO BE IN ACCORDANCE WITH NEC (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION).
- CONDUIT SHALL BE ELECTRICAL METALLIC (STEEL) TUBING (EMT), RIGID STEEL (SIZE IN ACCORDANCE WITH NEC), OR MC CABLE WHERE ALLOWED BY CODE. WHERE MC CABLE IS USED, PROPER SECUREMENT AND SUPPORT (AT INTERVALS NOT EXCEEDING 6 FEET) SHALL BE FOLLOWED PER NEC ART. 330.
- ALL RECEPTACLES AND SWITCHES SHALL HAVE TWO (2) REVOLUTIONS OF ELECTRICAL TAPE (SCOTCH 33+) OVER ALL THE TERMINALS TO PREVENT ACCIDENTAL CONTACT WITH THE JUNCTION BOX OR OUTLET BOX.
- ALL CONDUITS ROUTED ABOVE THE GENERAL SALES AREA SHALL BE RUN IN A NEAT AND ORGANIZED FASHION EITHER PARALLEL OR PERPENDICULAR TO THE ROOF STRUCTURE.
- ALL WALL MOUNTED JUNCTION BOXES LOCATED ABOVE THE GENERAL SALES AREA SHALL BE MOUNTED NO LOWER THAN 14'-0" A.F.F., UNLESS OTHERWISE NOTED.
- ALL RACEWAYS (INCLUDING CONDUITS, JUNCTION BOXES, TROUGHS, ETC.) LOCATED ABOVE THE GENERAL SALES AREA SHALL BE PAINTED WITH FINISHES SELECTED BY ARCHITECT.
- ETHERNET "CATEGORY 5E" CABLES TO BE FURNISHED AND INSTALLED BY WALGREENS CONTRACTOR (CERTIFIED CATEGORY 5E INSTALLER) AND SHALL FOLLOW "EIA/TIA" CATEGORY 5E SPECIFICATIONS. THE ETHERNET (CATEGORY 5E) SYSTEM SHALL ALSO BE TESTED WITH A WAVETECHWIRESCOPE DEVICE AND REPORT SUBMITTED TO WALGREENS COMPANY.
- CONDUIT BENDS SHALL HAVE A MINIMUM RADIUS OF EIGHT TIMES THE CONDUIT DIAMETER.
- ALL CONDUITS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE PULL BOX AT RX COMMUNICATION CABINET LOCATION. ELECTRICAL CONTRACTOR SHALL FURNISH #12 FULL STRING IN EACH CONDUIT.
- IF CABLES ARE ROUTED BELOW FLOOR USE 1" CONDUIT (MINIMUM).
- IF CABLES ARE ROUTED ABOVE CEILING (SEE DETAIL ON UDS SHEET E-550) THEN NO CONDUIT IS NECESSARY ABOVE CEILING WHEN CABLES ARE RATED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE FOR USE ABOVE CEILING, OTHERWISE PROVIDE 3/4" CONDUIT MINIMUM.
- FOR FURTHER INFORMATION CONTACT WALGREENS CONSTRUCTION AND FACILITIES MANAGEMENT DEPARTMENT AT 847.315.6846.
- ALL CONDUITS FOR LOW VOLTAGE CABLING AND SPARES (FOR FUTURE USE) THAT ARE STUBBED-UP ABOVE THE GENERAL SALES AREA SHALL BE LOCATED AS HIGH AS POSSIBLE.
- CIRCUIT NUMBERS ARE A GUIDE ONLY. UTILIZE SPARE CIRCUITS OR CIRCUITS MADE SPARE BY DEMOLITION.

### ETHERNET CABLE SCHEDULE

LV Cable Label	LV Cable Type	LV Cable Color	LV From	LV To	LV System	LV Device	LV Jack Label	LV Jack Color	LV Comments
1-25	Cat5e	White	Rx Cabinet	Front Register	POS	Front Register - 1	1-25	Yellow	
1-26	Cat5e	White	Rx Cabinet	Front Register	POS	Front Register - 2	1-26	Yellow	
1-30	Cat5e	White	Rx Cabinet	Photo Counter	POS	Photo Register - 1	1-30	Yellow	
1-49	Cat5e	White	Rx Cabinet	Self Service	Catalina	Front Register - 1 Coupon Printer	1-49	Green	
1-50	Cat5e	White	Rx Cabinet	Self Service	Catalina	Front Register - 2 Coupon Printer	1-50	Green	
1-54	Cat5e	White	Rx Cabinet	Photo Counter	Catalina	Photo Register - 1 Coupon Printer	1-54	Green	
2-1	Cat5e	White	Rx Cabinet	Nextlab Server Cabinet Location	Photo	Nextlab Server/Netlab Life	2-1	Gray	
2-2	Cat5e	White	Rx Cabinet	Nextlab Server Cabinet Location	Photo	Nextlab Server	2-2	Gray	
2-3	Cat5e	White	Rx Cabinet	Photo Kiosk	Photo	Photo Kiosk - 1	2-3	Gray	
2-4	Cat5e	White	Rx Cabinet	Photo Kiosk	Photo	Photo Kiosk - 2	2-4	Gray	
2-5	Cat5e	White	Rx Cabinet	Photo Kiosk	Photo	Photo Kiosk - 3	2-5	Gray	
2-8	Cat5e	White	Rx Cabinet	At Register, as designated on plan	Photo	Picture Care Plus (PC+) - 1	2-8	Gray	
2-9	Cat5e	White	Rx Cabinet	At Register, as designated on plan	Photo	PC+ Label Printer - 1	2-9	Gray	
2-10	Cat5e	White	Rx Cabinet	At Register, as designated on plan	Photo	Picture Care Plus (PC+) - 2	2-10	Gray	
2-11	Cat5e	White	Rx Cabinet	At Register, as designated on plan	Photo	PC+ Label Printer - 2	2-11	Gray	
2-12	Cat5e	White	Rx Cabinet	Photo Counter	Photo	Creative/Laser Printer	2-12	Gray	
2-13	Cat5e	White	Rx Cabinet	Photo Counter	Photo	Large Format/ Poster Printer	2-13	Gray	
2-18	Cat5e	White	Rx Cabinet	Photo Counter	Photo	Photo Display Monitor	2-18	Orange	

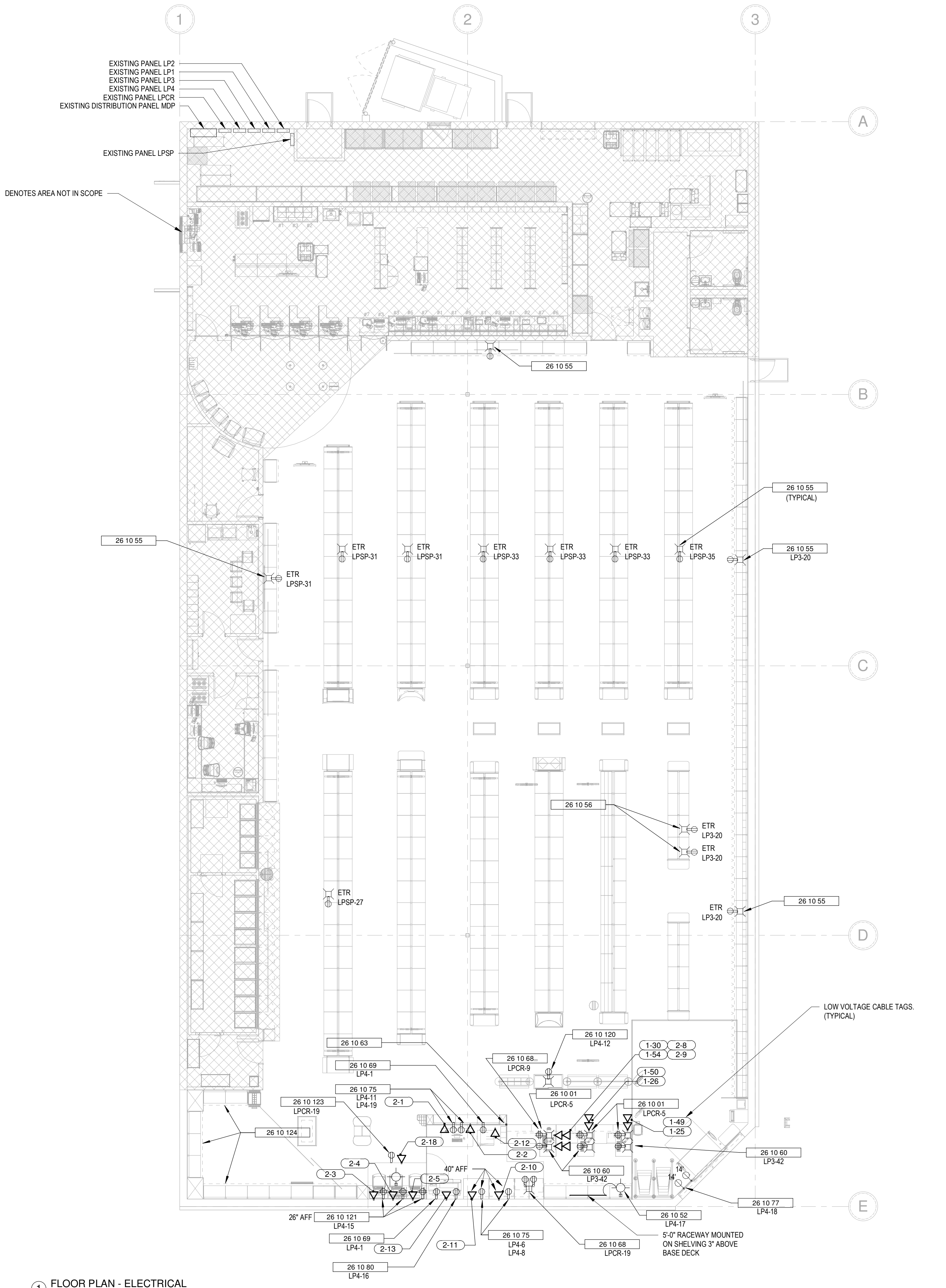
### CONDUIT AND CABLE SCHEDULE

CONDUIT SIZE	MAXIMUM NUMBER OF CAT5E CABLES
3/4"	3
1"	5
1-1/4"	8
1-1/2"	15
2"	20

NOTE: WHEN CODE REQUIRES LOW VOLTAGE CONDUIT IN CABLE.

### LEGEND

	OUTLET (WATTAGE AND LOCATION AS NOTED)
	FLOOR JUNCTION BOX (WATTAGE AND LOCATION AS NOTED)
	STANDARD SINGLE RECEPTACLE
	STANDARD DUPLEX RECEPTACLE
	STANDARD SIMPLEX, TWIST-LOCK (TL), RECEPTACLE
	SURGE PROTECTIVE DEVICE (SPD) DUPLEX RECEPTACLE
	HOMERUN
	MULTI-OUTLET RACEWAY ASSEMBLY (PLUGMOLD)
	MOTOR
	NON-FUSIBLE SAFETY DISCONNECT SWITCH
	FUSIBLE SAFETY DISCONNECT SWITCH
	FINAL CONNECTION TO EQUIPMENT
	METER SOCKET
	CASH REGISTER CONDUITS/OUTLETS/RECEPTACLES LOCATION (SEE DETAILS ON DRAWING E-550)
	POWER POLE WITH BARRIER PLATE. (TO SEPARATE POWER & TELE/DATA)
	DATA CABLE OUTLETS
	EXISTING TO REMAIN



1 FLOOR PLAN - ELECTRICAL  
 1/8" = 1'-0"