



**KEYNOTES:**  
 (E1) EXISTING CONTACTOR.  
 (E2) EXISTING WIRING SHALL REMAIN.  
 (E3) WIRING TO BE PERFORMED BY ELECTRICAL CONTRACTOR. SEE PANEL 'L1' AND SHEET E-101 FOR CIRCUIT LOCATIONS.  
 (E4) PROVIDE NEW CONTACTOR IN EXISTING CONTACTOR PANEL. TIMER SETTINGS SHALL MATCH THOSE OF THE EXISTING CONTACTOR.

(D1) Lighting Control Diagram

### LIGHTING LUMINAIRE SCHEDULE

<b>MOUNTING (MTG) KEY:</b> RE - RECESSED SP - SUSPENDED CL - CEILING SURFACE WL - WALL UC - UNDERCABINET CV - COVE PL - POLE O - OTHER (SEE REMARKS)  <b>DOOR KEY:</b> FA - FLAT ALUMINUM FS - FLAT STEEL RA - REGRESSED ALUMINUM RS - REGRESSED STEEL	<b>LAMP TYPE KEY:</b> FL - FLUORESCENT CF - COMPACT FLUORESCENT N - INCANDESCENT LED - LIGHT EMITTING DIODE HS - HIGH PRESSURE SODIUM MH - METAL HALIDE MV - MERCURY VAPOR LV - LOW VOLTAGE O - OTHER (SEE REMARKS)  <b>BALLAST (BLS) KEY:</b> EB - ELECTRONIC EM - EMERGENCY BATTERY OD - OUTDOOR RATED BALLAST EN - ENERGY SAVING	<b>LENS/LOWER (L/L) KEY:</b> A - 1/2" ACRYLIC B - BLACK MILIGROOVE C - CLEAR ALZAK D - PARABOLIC E - ... F - FRESNEL G - TEMPERED GLASS H - WALL WASHER K - KSH12, 1/2" ACRYLIC K19 - KSH19, 1/2" ACRYLIC L - LOW REFLECTANCE ALUMINUM M - ... N - NONE O - OTHER (SEE REMARKS)
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- NOTES:**
- CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. FIRST READ THE COMPLETE DESCRIPTION, NOTES AND REMARKS AND THE SPECIFICATIONS IN COORDINATION WITH CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURER LISTED IS THE BASIS OF DESIGN.
  - ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED BY MANUFACTURER WITH FIXTURES AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
  - FOR NATIONAL ACCOUNTS PRICING CONTACT JEFFREY SABRIN OR ELVIR SULIC @ CREE LIGHTING - JSABRIN@CREE.COM, ESULIC@CREE.COM. PHONE: 262-504-5037
  - NORDEON LIGHTING SYSTEM SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL HAVE 5 DAYS FROM DATE OF DELIVERY ACCEPTANCE TO VERIFY SHIPMENT FOR ANY DAMAGES, CORRECT QUANTITY OF FIXTURES, AND PLACE CLAIM. AFTER 5 DAYS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES AND ADDITIONAL FIXTURES REQUIRED TO ACHEIVE LAUNCH SHOW.
  - FOR NATIONAL ACCOUNTS PRICING CONTACT LINSEY WHISLER @ FACILITY SOLUTIONS GROUP. CCC1@FSGI.COM. PHONE: 214-351-6266
  - LUMINAIRES ARE TYPICAL FOR ALDI STORES. FIXTURES SHOWN LIGHT LINE WEIGHT NOT USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR QUANTITIES OF LUMINAIRES USED. FIXTURES SHALL BE ORDERED BY MODEL NUMBER AND MANUFACTURER NOT BY ID NUMBER. VERIFY SITE LIGHTING FIXTURE TYPES AND LOCATIONS WITH FINAL SITE PLANS.
  - FIXTURE AND POLE SPECIFICATION SHALL BE VERIFIED WITH FINAL SITE PLANS AND ENGINEER FOR LOCAL REQUIREMENTS. ALDI REPRESENTATIVE SHALL APPROVE POLE HEIGHTS.

FXIT. NO.	DESCRIPTION	FXIT. SIZE	MTG.	LAMPS		VOLTS/ BLS TYPE	L/L	MANUFACTURER	REMARKS
				TYPE	QUANTITY & SIZE				
L1	8 SURFACE STRIP LIGHT	2.5W x 8'L	O	LED	88W, 8000L, 35K	120	O	CREE: L58-80L-35K-10V L5903-L5901	SALES FLOOR & BACKROOM. REFER TO STRIP FIXTURE MOUNTING NOTES. REFER TO NOTE #3
L1E	8 SURFACE STRIP LIGHT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5W x 8'L	O	LED	88W, 8000L, 35K	120	O	CREE: L58-80L-35K-10V-E14 L5903-L5901	SAME MOUNTING AS TYPE L1. FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
L2	4 SURFACE STRIP LIGHT	2.5W x 4'L	O	LED	44W, 4000L, 35K	120	O	CREE: L54-40L-35K-10V	SAME MOUNTING AS TYPE L1. REFER TO NOTE #3
L2E	4 SURFACE STRIP LIGHT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5W x 4'L	O	LED	44W, 4000L, 35K	120	O	CREE: L54-40L-35K-10V-E14	SAME MOUNTING AS TYPE L1. FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
L3	DO NOT USE								
L4	TROFFER	2'-0" x 4'-0"	RE	LED	44W, 4000L, 35K	120	O	CREE: ZR24-40L-35K-10V	REFER TO NOTE #3
L4E	TROFFER W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2'-0" x 4'-0"	RE	LED	44W, 4000L, 35K	120	O	CREE: ZR24-40L-35K-10V-E14	FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
L5	DO NOT USE								
L6	VAPOR TIGHT FIXTURE	6" NOM.	O	LED	9.5W, 800L, 27K	120	O	E:MT4A10IG/A19-60W-27K	ENCLOSED AND GASKETED, GLASS GLOBE, METAL GUARD, WALL MOUNTED. REFER TO NOTE #3
L7	DOCK LIGHT		WL	LED	23W, 2650L, 40K	120	O	CREE: E-WT022A-1740T-42	DIMMING NOT REACHED. CHECK CONNECTIONS. REFER TO NOTE #3
L8	DO NOT USE								
L9	DO NOT USE								
L10	WET LOCATION LINEAR	51.8" L, 6.8" W, 4.3" H	O	LED	43W, 6100L, 35K	120	O	CREE: NS4C-60L-35K-8-UL	INSTALL FIXTURES OVER REFRIGERATION UNIT. CONTRACTOR FOR INSTALLATION IN WET IN COOLER/FREEZER AREAS. REFER TO NOTE #3
L11	2 LOW-PROFILE LINEAR COVE LUMINAIRE	24.3" L, 1.13" W, 1.0" H	O	LED	15.5W, 1000L, 30K	120	O	CREE: CL138-512-WH-3	MOUNT FIXTURES ABOVE MULTIDECK UNITS ON GC. INSTALLED HAT CHANNELS W/ FIXTURE FURNISHED MOUNTING CLIPS. PROVIDE ONE CL-1328HW POWER FEED SWITCH BOX AND INSTALL IN CENTER OF CONTINUOUS ROW. LIGHTING ROW LENGTH FROM SWITCH BOX NOT TO EXCEED 36'-0". REFER TO NOTE #3
L12	DO NOT USE								
L13	DO NOT USE								
B4	LINEAR STRIP LIGHT 3.7' BATHING HIGH OUTPUT	2.5W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL6-3500K-UNV-D420-O-3.7-BL-DM	MOUNTS INTO WIRE TRUNK. REFER TO WIRE TRUNK MOUNTING NOTES. REFER TO NOTE #4
B6	LINEAR STRIP LIGHT 5.5' BATHING HIGH OUTPUT	2.5W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-D420-O-5.5-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
B8	LINEAR STRIP LIGHT 7.4' BATHING HIGH OUTPUT	2.5W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-D420-O-7.4-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
B8E	LINEAR STRIP LIGHT 7.4' BATHING HIGH OUTPUT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-D420-O-7.4-BL-DM	SAME MOUNTING AS B4. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
D4	LINEAR STRIP LIGHT 3.7' DIFFUSED HIGH OUTPUT	2.5W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL6-3500K-UNV-D12-3.7-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
D6	LINEAR STRIP LIGHT 3.7' DIFFUSED HIGH OUTPUT	2.5W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL6-3500K-UNV-D12-3.7-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
D6L	LINEAR STRIP LIGHT 5.5' DIFFUSED HIGH OUTPUT	2.5W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-D12-5.5-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
D6LE	LINEAR STRIP LIGHT 5.5' DIFFUSED W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-D12-5.5-BL-DM	SAME MOUNTING AS B4. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
D8	LINEAR STRIP LIGHT 7.4' DIFFUSED HIGH OUTPUT	2.5W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-D12-7.4-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
D8E	LINEAR STRIP LIGHT 7.4' DIFFUSED HIGH OUTPUT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-D12-7.4-BL-DM	SAME MOUNTING AS B4. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
W4	LINEAR STRIP LIGHT 3.7' WALLWASH	2.5W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL4-3500K-UNV-WW-3.7-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
W6X	LINEAR STRIP LIGHT 5.5' WALLWASH	2.5W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL6-3500K-UNV-WW-5.5-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
W6	LINEAR STRIP LIGHT 5.5' WALLWASH HIGH OUTPUT	2.5W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-WW-5.5-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
W8	LINEAR STRIP LIGHT 7.4' WALLWASH	2.5W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-WW-7.4-BL-DM	SAME MOUNTING AS B4. REFER TO NOTE #4
S1	1.10' SINGLE SPOT MODULE	2.5W 22'L		LED	28W, 3000L, 35K	120	O	NORDEON: SK-E 1-28W-935-WB-BL-DIM	SAME MOUNTING AS B4. REFER TO NOTE #4
S1D	1.10' SINGLE SPOT MODULE W/ DIFFUSER	2.5W 22'L		LED	28W, 3000L, 35K	120	O	NORDEON: SK-E 1-28W-935-WB-BL-D-DIM	SAME MOUNTING AS B4. REFER TO NOTE #4
S2	1.10' DOUBLE SPOT MODULE W/ DIFFUSER	2.5W 22'L		LED	45W, 2X 3000L, 35K	120	O	NORDEON: SK-E-2-45W-935-WB-BL-D-DIM	SAME MOUNTING AS B4. REFER TO NOTE #4
S2D	1.10' DOUBLE SPOT MODULE W/ DIFFUSER	2.5W 22'L		LED	45W, 2X 3000L, 35K	120	O	NORDEON: SK-E-2-45W-935-WB-BL-D-DIM	SAME MOUNTING AS B4. REFER TO NOTE #4

FXIT. NO.	DESCRIPTION	FXIT. SIZE	MTG.	LAMPS		VOLTS/ BLS TYPE	L/L	MANUFACTURER	REMARKS
				TYPE	QUANTITY & SIZE				
EX-B1	UNIVERSAL EXIT - (WALL MTD) STENCIL FACE WITH RED LETTERS	N/A	WL	LED	3.8W	120	N	CREE: BLP000102	BACK MOUNT ON WALL BATTERY AND CHARGER FOR 90 MIN. OPERATION. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
EX-B2	UNIVERSAL EXIT - (CLG MTD) STENCIL FACE WITH RED LETTERS	N/A	SP/CL	LED	3.8W	120	N	CREE: BLP000102	BACK MOUNT ON WALL BATTERY AND CHARGER FOR 90 MIN. OPERATION. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
EX-M-X	EXTERIOR EMERGENCY UNIT - SELF-CONTAINED BATTERY AND CHARGER FOR 90 MIN. OPERATION	10.5" H, 6.5" W, 3.75" D.	WL	O	(2) 6W		N	CREE: BLDECCS	PAINTED PLATINUM SILVER. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT. REFER TO NOTE #3
L21	EXTERIOR WALL PACK	3.8"H, 9.3" D, 12" W.	WL	LED	33W, 30K	120	O	CREE: XSPW-B-WM-3ME-4L-30K-UL-CS-P	PAINT PLATINUM SILVER FROM FACTORY. INTEGRAL PHOTOCELL - UL LISTED WET LOCATIONS. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT. REFER TO NOTE #3
L22	CANOPY/SCOFF LIGHT	15" SQ, X 2' H.	RE	LED	43W, 30K	120-277V	O	CREE: CYP250-A-DM-F-C-UL-CS-30K	WET LOCATION RATING. PAINT PLATINUM SILVER FROM FACTORY. REFER TO NOTE #3
L23	EXTERIOR WALL SCOFF	15" H, 16" W.	WL	LED	43W, 30K	120	G	CREE: AL-42WLED-UD-CG-120-30K	PAINT SILVER W/GRAY BAND FROM FACTORY - SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT - PROVIDE FIXTURE WITH UP-DOWN LIGHT. REFER TO NOTE #3
L24	EXTERIOR RECESSED CYLINDER	18" H, 9" D, 6" W.	WL	LED	29W, 30K	120	G	CREE: CL-20364LED-SAT-CL-R-58	PROVIDE FIXTURE WITH UP-DOWN LIGHT AND TOP COVER LENS FOR WET LOCATION LISTING - SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT. REFER TO NOTE #3
L25	5'4" LINEAR WALL GRAZE	54" L, 19" W, 2.98" H.	WL	LED	38W, 40K	120	G	EATON: IO PDR0314-0.05V-E-4K	- SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND LOCATIONS - COMPLETE WITH DRIVERS AND NEMA 4 ENCLOSURES AND WALL MT. BRACKETS. REFER TO NOTE #5
L31	1' HEAD PARKING LOT LIGHT FIXTURE	25" L, 19" W, 4.8" H.	PL	LED	1-112W, 57K	MT OD	G	CREE: CSQ-A-NM-4ME-A-57K-UL-CS	COORDINATE REPLACEMENT OF EXISTING SITE POLE HEADS WITH NATIONAL ACCOUNT PROVIDER AND ALDI REP. REFER TO NOTE #3

- WIRE TRUNK MOUNTING NOTES (SALES FLOOR - REMODEL):**  
 ALL FIXTURES SHALL BE POSITIONED PER THE DIMENSIONS ON DRAWING A-111.  
 FIRST ASSESS FIXTURES TRUNKS SHOULD BE MOUNTED AT A CONSISTENT HEIGHT AND AS HIGH AS POSSIBLE TO A MAXIMUM HEIGHT OF 13'-6" TO TOP OF TRUNK. ALL OTHER SALES FLOOR LIGHTING SHALL BE MOUNTED WITH THE FOLLOWING CLARIFICATION: IDENTIFY THE LOWEST POINT OF THE LOWEST EXISTING JOIST (ROOF DECK IN V.I.D STORES IS A WARP DECK SLOPING IN TWO DIRECTIONS). THIS LOWEST POINT SHALL BE USED TO DETERMINE THE FIXTURE MOUNTING HEIGHT FOR THE REMAINDER OF THE SALES AREA FIXTURE RUNS. EXISTING ROOF JOISTS SHALL BE USED TO ESTABLISH THIS ELEVATION. NOT WIDE FLANGE BEAM (I-BEAM) OR JOIST GIRDER. IF FIXTURE RUN INTERFERES WITH A JOIST GIRDER ADJUST LOCATION OF ROW TO ALLOW IT TO RUN THROUGH THE WEB. IF FIXTURE RUN INTERFERES WITH A WIDE FLANGE BEAM (I-BEAM), INSTALL FIXTURES ON EACH SIDE OF BEAM AS CLOSE TO BEAM AS POSSIBLE AND LEAVE A GAP IN THE RUN. COORDINATE WITH ALDI CONST. REPRESENTATIVE. MAXIMUM FIXTURE MOUNTING HEIGHT IS 13'-6".  
 SUPPORT FIXTURE TRUNKS WITH SUPPLIED AIRCRAFT CABLE KITS AND SAMMYS SCREWS TO ROOF DECK PER MANUFACTURERS RECOMMENDATIONS. REFER TO TRUNK LAYOUT DRAWING FROM NORDEON FOR NUMBER OF CABLES PER ROW AND SPACING.  
 POWER DROP LOCATIONS ARE NOTED ON THE TRUNK LAYOUT DRAWING. TRUNKS ONLY HAVE POWER FEED ON ONE END OF TRUNK. START EACH ROW FROM THE POWER FEED END. CONNECT WIRE HARNESS FROM TRUNK TO TRUNK ON EACH ROW METAL END PLATES ARE TO BE INSTALLED AT THE BEGINNING AND END OF EACH ROW.  
 FINAL MOUNTING HEIGHT OF FIXTURES ADJACENT TO SALES FLOOR PERIMETER WALLS MUST BE ABOVE OR EQUAL TO SALES FLOOR WALL PAINT LINE.
- STRIP FIXTURE MOUNTING NOTES (BACK ROOM):**  
 ALL FIXTURES SHALL BE POSITIONED PER THE DIMENSIONS ON DRAWING A-111.  
**BACK ROOM:**  
 MOUNT FIXTURES PERPENDICULAR TO ROOF JOISTS WITH SUPPLIED AIRCRAFT CABLE KITS ATTACHED TO BOTTOM OF JOISTS AT 12'-0" AFF.  
 MOUNT FIXTURES PARALLEL TO ROOF JOISTS WITH UNISTRUT ATTACHED AND SECURED TO TOP OF THE BOTTOM CHORD OF JOIST WITH SUPPLIED AIRCRAFT CABLE KITS ATTACHED TO UNISTRUT AT 12'-0" AFF.

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