

NOTES: (MARKETPLACE PERIMETER)

2. THE EXHAUST HOODS TYPICALLY ARE SUPPLIED WITH THE LIGHT FIXTURE INSTALLED. KROGER TO SUPPLY (1) 18 WATT LED FOR EACH LIGHT FIXTURE INSTALLED IN HOOD.
3. ALL LINEAR LAMPS TO BE 3500K LAMPS, UNLESS NOTED OTHERWISE.
4. LED FIXTURES IN BACKROOM AREAS TO BE INSTALLED 16'-0" ABOVE FLOOR OR AT THE BOTTOM OF STEEL. LED FIXTURES IN DOCK AREA TO BE INSTALLED AT THE BOTTOM OF STEEL.
5. ANY DECOR IS SHOWN AS REFERENCE ONLY. REFER TO DECOR PLANS FOR FINAL LOCATION OF GRAPHICS.
6. SELF SERVICE AND SERVICE CASES THAT FALL UNDER A SOFFIT ARE NOT DEPICTED ON THIS DRAWING. WHEN THESE CASES HAVE INTERNAL LIGHTS, THEY SHALL BE CIRCUITED PER CROSS HATCHED CASES ON PLAN.
8. SPECIAL LIGHTING CONDITIONS ---
PRODUCE/FLORAL DEPT'S: STORE AMBIENT LIGHTING REDUCED BY OVER HALF, AND TRACK FIXTURES ADDED AS SHOWN. PRODUCE LIGHTING TRACKS ARE TO BE POSITIONED THROUGHOUT THE DEPARTMENT TO ACCOMMODATE THE MOBILITY OF PRODUCE DEPARTMENT FIXTURES. USE TRACK COMBINATIONS SO ELECTRICAL CIRCUITS COMPLY WITH 2017 NEC 220.43 (B) --- USE WITH CURRENT LIMITERS. USE TRACK COMBINATIONS SO ELECTRICAL CIRCUITS DO NOT EXCEED 1920 WATTS (FOR 20 AMP CIRCUIT), WHEN INCLUDING CURRENT LIMITERS. REFER TO TRACK/CURRENT LIMITER MATRIX FOR REFERENCE ON SITEFOLIO. CURRENT LIMITER SHOWN ON EVERY PIECE OF TRACK.
- THE USE OF TRACK LIGHTING IS INTENDED TO HIGHLIGHT INDIVIDUAL AREAS, AND NOT INTENDED TO PROVIDE UNIFORM LIGHT LEVELS ON DISPLAYS. USING SOME JUDGMENT, TRACK SHOULD PROVIDE COVERAGE TO CASES AND BE AESTHETICALLY PLEASING. NO TRACK SHOULD EXTEND OVER THE SALAD OR OLIVE BAR, SINCE THE LIGHTS CREATE GLARE ON THE SNEEZE GUARD.
- MOUNT BOTTOM OF TRACK 11'-9" AFF.
- OTHER TRACK LIGHTING: TRACKS NOT RELATED TO DECOR TO BE MOUNTED AT 11'-9" ABOVE FLOOR TO ALIGN WITH PRODUCE & FLORAL TRACK.
- ARTISAN BREAD: TRACK TO HIGHLIGHT OPEN FRESH PRODUCT ALONG CASELINE.
- COSMETICS/OTC: DO NOT INDICATE TRACK LIGHTING IN THIS AREA. FIXTURES ARE BACKLIT WITH VALENCE AND SHELF LIGHTING.
- APPAREL (DIP): USE TYPE "TR33" LED TRACKHEAD ON GRAPHICS AND DISPLAYS, MOUNTING HEIGHT 14'-0".
- DRY AGED BEEF COOLER: USE TYPE "M14" BY THE WINDOW INSIDE THE COOLER. (WHEN APPLICABLE)
- MURRAY'S CHEESE: REFER TO MURRAY'S CHEESE LIGHTING ON THIS SHEET.
9. PREP. AREAS, SERVICE AREAS, PHARMACY, ETC., SHALL HAVE CEILING LIGHT FIXTURES POSITIONED OVER ALL WORK SURFACES.
10. HIGH BAY B12 AND B13 FIXTURES MAY BE HUNG FROM BAR JOIST RUNNING DOWN AISLE WHEN CENTERLINE OF BAR JOIST IS 18" OR GREATER FROM EDGES OF AISLE SHELVING IN PLAN VIEW. COORDINATE WITH PROJECT SPECIFIC BAR JOIST LOCATIONS.
11. THE EMS SYSTEM OR LOCAL RELAY DEVICE FOR ALL CIRCUITS WITH EMERGENCY FIXTURES SHALL BE UL924 LISTED AND SHALL TURN EMERGENCY LIGHTS BACK ON TO FULL AT LOSS OF POWER.
12. TRACK LIGHT FIXTURES AND TRACKS FINISHES:
TR33, TR32 --- LIGHT FIXTURES TO BE ALUMINUM HAZE & TRACKS TO BE SILVER, IN BOTH OPEN CEILING STORES AND STORES WITH CEILING.
13. TYPE "M17" TO BE LOCATED OVER GRINDER IN THE COOLER. CODE MAY VARY BUT REQUIRES AT LEAST 50 FC OVER WORK SURFACE OF GRINDER, SLICER AND SAWS, AND 10 FC THROUGHOUT. (IF THE GRINDER IS NOT LOCATED INSIDE THE COOLER, USE ONLY TYPE "M13" TO ACHIEVE LIGHT LEVEL IN THE COOLER). IF GRINDER IS IN PREP AREA, USE STANDARD 2x4 LIGHTS TO ACHIEVE LIGHTING LEVELS. FIXTURES OVER THIS EQUIPMENT SHOULD BE ON THE LIFE SAFETY.
14. NO SURFACE MOUNTED ELECTRICAL CONDUITS PERMITTED TO BE EXPOSED IN MEAT OR PRODUCE PREP. AREA.
15. MINIMIZE EXPOSED SURFACE MOUNTED ELECTRICAL CONDUITS LOCATED IN WALK-IN COOLER & FREEZER.
16. MOTION SENSORS ARE TO BE INSTALLED ONLY ON FROZEN FOOD CASES THAT ARE IN AN AISLE. DO NOT INSTALL ON END CAPS OR CASES THAT ARE PERPENDICULAR TO THE END OF AN AISLE. FOR ASSISTANCE IN DETERMINING PROPER PLACEMENT OF MOTION SENSORS AND ALSO FOR CONTRACTORS FAMILIAR WITH THE INSTALLATION PROCESS CONTACT THE DIVISION ENERGY ENGINEER. REFER TO INSTALLATION INSTRUCTIONS DOCUMENT LOCATED ON SITEFOLIO.
17. LIGHT FIXTURE TRACK FOR TR32 TO BE INSTALLED APPROXIMATELY 12" FROM FRONT EDGE OF SEAFOOD CASE., TO REDUCE GLARE ON THE GLASS OF THE OPEN SEAFOOD CASE. SEE SECTION "A-A" ON THIS SHEET.
18. ACCENT LIGHT TYPICALLY RELATES TO MERCHANDISE OR DECOR. THE RELATIONSHIP NEEDS TO BE UNDERSTOOD. DIMENSIONS TO BE TAKEN FROM FIXED ELEMENTS (COLUMNS, WALLS, DROP PARTITION, ETC.).
19. REFER TO FINAL SITE LIGHTING PHOTOMETRICS FOR WALLPACK TYPE AND LOCATION.
20. CURRENT A & E STANDARDS CALLS FOR THE PHOTOLUMINESCENT EXIT SIGNS TO BE INDICATED ON THE LIFE SAFETY PLAN. NEED 4FC OF LIGHTING TO CHARGE PHOTOLUMINESCENT EXIT SIGNS. PROVIDE OVERHEAD LIGHTS ON EMERGENCY CIRCUIT NEAR EXITS TO CHARGE THE EXIT SIGNS. LOCATE PHOTOLUMINESCENT EXIT SIGNS ON LIGHTING PLAN FOR COORDINATION.

MARKETPLACE ISLAND LIGHTING FIXTURE KEY:			
** Refer to Sitefolio Section Sitefolio/Files/Capital/Enterprise Sourcing/Direct Buy Owner Furnished Products Information/Lighting _Interior_Fixtures/Lighting Master Fixture Schedule* for Fixture Manufacturer & Lamp Information **			
Type	Symbol	Mounting Height	Fixture Usage
Interior Light Fixtures			
B12		LED High Bay - Suspended 16'-0"	Sales Area, Vestibule.
		LED High Bay - Suspended 16'-0"	Sales Area, Vestibule. Emergency Fixture.
B13		LED High Bay - Suspended 16'-0" or As Noted	Sales Area
		LED High Bay - Suspended 16'-0" or As Noted	Sales Area Emergency Fixture.
C18		Ceiling Grid	Pharmacy, Counsel Rooms, Food Prep areas, Office Area.
		Ceiling Grid	Pharmacy, Counsel Rooms, Food Prep areas, Office Area. Emergency Fixture.
C20		Drywall Ceiling / Ceiling Grid	Restrooms (Prismatic), Quiet Room
		Drywall Ceiling / Ceiling Grid	Restrooms (Prismatic), Quiet Room Emergency Fixture
CC3		Ceiling Grid	Prep, Hallways (Prismatic)
		Ceiling Grid	Prep, Hallways (Prismatic) Emergency Fixture
DL		Refer to Plan	Dock light with swing arm.
D2		Varies, Refer to Plan	Storage, Back Room, Dock Area, ECR Room, Loss Prevention.
		Varies, Refer to Plan	Storage, Back Room, Dock Area, ECR Room, Loss Prevention. Emergency Fixture.
D3		Varies, Refer to Plan	Storage, Back Room, Dock Area, ECR Room, Loss Prevention.
		Varies, Refer to Plan	Storage, Back Room, Dock Area, ECR Room, Loss Prevention. Emergency Fixture
K6		Suspended 7'-6" (Fresh Meat & Deli Island Cases) Suspended 9'-0" (Floral, if applicable)	Refrigerated Fresh Meat and Deli Island Cases. Floral, if applicable. Refer to Plan for Length of Lighting Fixture
L22		Recessed	Recessed in Ceiling of Fitting Room, TLC Waiting Area.
L22		Recessed	Recessed in Ceiling of Fitting Room, TLC Waiting Area. Emergency Fixture. Night Light Fixture
L23		Recessed	Recessed in Fitting Room Ceiling, Beverage Center.
L23		Recessed	Recessed in Fitting Room Ceiling, Beverage Center. Emergency Fixture. Night Light Fixture
L24		Recessed	Seafood & Meat Service Canopy. (DELETE if no Canopy)
M16		Surface Mount	Meat Prep, Meat Cooler
		Surface Mount	Meat Prep, Meat Cooler over Grinder, or Meat Saw - Where Applicable. Emergency Fixture. Night Light Fixture.
M17		Surface Mount	Produce Prep Areas.
		Surface Mount	Produce Prep Areas. Emergency Fixture. Night Light Fixture.
M13		Surface Mount	Refrig. Coolers & Freezer Boxes, Floral Cooler.
		Surface Mount	Refrig. Coolers & Freezer Boxes, Floral Cooler. Emergency Fixture. Night Light Fixture.
RR1		Canopy Ceiling Surface Mount	Canopy Surface Mounted.
RR2		Open Ceiling Surface Mount	Alternate to RR1 when there is no Canopy Ceiling
TR32		11'-9" Except Where Noted Otherwise	Accent lights for Displays (LED narrow flood). Apparel, Floral, Produce, Deli, Vestibule. MEP to label finish required for track based on project. Default is brushed aluminum (BA).
TR33		11'-9" Except Where Noted Otherwise	Accent lights for Displays (LED narrow flood). Apparel, Floral, Produce, Deli, Vestibule.
MP			
2' TRACK		Coordinate Track Height with Fixture Height indicated above	Track part for trackheads such as TR33's, TR32's and TR31's.
4' TRACK			Track part for trackheads such as TR33's, TR32's and TR31's.
8' TRACK			Track part for trackheads such as TR33's, TR32's and TR31's.
12' TRACK			Track part for trackheads such as TR33's, TR32's and TR31's.
CONNECTOR			Track part for trackheads such as TR33's, TR32's and TR31's.
FLEX CONNECTOR			Track part for trackheads such as TR33's, TR32's and TR31's.
CANOPY ADAPTER			Adapter for Single Point Mounting (No Track) for TR33 and TR32, 5-3/8 inches square, install directly to outlet box.
POWER FEED			Power feed required for each section track
CURRENT LIMITER			One current limiter required for each track circuit
Exterior Light Fixtures			
NN14			Exterior wall fixtures above exit doors (LED)(connected to generator)
WALLPACK			Exterior wall fixtures, Based on Site Photometrics, MEP to Determine Fixture Lumens Default to WP2 unless otherwise required.
"E" is to be used for stores that are not utilizing the generator, battery back-up ballast required. For stores with generator, the "E" is not required in the nomenclature.			
CUT SHEETS FOR LIGHT FIXTURES ARE LOCATED IN: SITEFOLIO\FILES\CAPITAL\ENTERPRISE SOURCING\DIRECT BUY OWNER FURNISHED PRODUCTS INFORMATION\LIGHTING INTERIOR FIXTURES\ CUT SHEETS\KROGER STANDARD INTERIOR LIGHTING FIXTURES ALL.			

LIGHTING SENSOR SYMBOL LEGEND:

** Refer to Sitefolio Section Sitefolio/Files/Capital/Enterprise Sourcing/Direct Buy Owner Furnished Products Information/ Lighting _Interior_Fixtures/Lighting Master Fixture Schedule* for Lighting Sensor Manufacturer & Model **	
	TIMER SWITCH
	3-WAY TIMER SWITCH
	SINGLE POLE LIGHT SWITCH - (3) 3-WAY, (4) 4-WAY, (PL) PILOT ---- AS REQUIRED.
	LIGHT LEVEL SENSOR, SEE NOTE No. 7
	1000 SQ FT ULTRASONIC CEILING OCC SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	2000 SQ FT ULTRASONIC CEILING OCC SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	WIDE ANGLE PASSIVE INFRARED (PIR) OCCUPANCY SENSOR, 24VDC CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	WET LOCATION CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	PIR CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	1000 SQ FT DUAL TECH (ULTRASONIC & PIR) CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	500 SQ FT DUAL TECH (ULTRASONIC & PIR) CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	2000 SQ FT DUAL TECH (ULTRASONIC & PIR) CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	1500 SQ FT PIR EXTREME TEMP CEILING OCCUPANCY SENSOR CONNECT SENSOR TO SWITCHPACK WITH #18 AWG CLASS 2 CONDUCTORS.
	MOTION SENSOR SWITCH **
	OCCUPANCY SENSOR SWITCH
	MOMENTARY OVERRIDE
ALL LIGHTING CONTROLS NOT PART OF THE BUILDING EMS TO BE SET WITH A MINIMUM ON TIME OF 15 MINUTES	
** PROVIDE MOTION SENSOR SWITCHES IN AREAS WHERE THERE IS INTERMITTENT OCCUPANCY. EXAMPLES: BREAK ROOMS, CBT, CONFERENCE ROOMS, POS, ECR, FMTV, FILE MANAGEMENT, PRICE CHANGING, ETC.	

The Kroger Co. Track/Current Limiter Matrix						
Continuous Length (LF = Linear Feet)	EATON - Single Circuit Track			EATON - Two Circuit Track (for CA - Title 24 compliance ONLY)		
	Type	Catalog Number	Wattage	Type	Catalog Number	Wattage
2 LF Track	CL10	LC901CB120	120	CL20	LC941CB120CB120	240
4 LF Track	CL10	LC901CB120	120	CL20	LC941CB120CB120	240
6 LF Track	CL11	LC901CB300	300	CL20	LC941CB120CB120	240
12 LF Track	CL11	LC901CB300	300	CL20	LC941CB120CB120	240
16 LF Track	CL12	LC901CB600	600	CL21	LC941CB300CB300	600
20 LF Track	CL12	LC901CB600	600	CL21	LC941CB300CB300	600
24 LF Track	CL12	LC901CB600	600	CL21	LC941CB300CB300	600
28 LF Track	CL12	LC901CB600	600	CL21	LC941CB300CB300	600
32 LF Track	CL13	LC901CB960	960	CL22	LC941CB600CB300	900
36 LF Track	CL13	LC901CB960	960	CL22	LC941CB600CB300	900
40 LF Track	CL13	LC901CB960	960	CL22	LC941CB600CB300	900
44 LF Track	CL13	LC901CB960	960	CL22	LC941CB600CB300	900
48 LF Track	CL14	LC901CB1200	1,200	CL23	LC941CB600CB600	1,200
52 LF Track	CL14	LC901CB1200	1,200	CL23	LC941CB600CB600	1,200
56 LF Track	CL14	LC901CB1200	1,200	CL23	LC941CB600CB600	1,200
60 LF Track	CL14	LC901CB1200	1,200	CL23	LC941CB600CB600	1,200
64 LF Track (60 LF Track, Current Limiter, 4 LF Track)	CL15	LC903CB1200CB120	1,320	CL24	LC943CB1200CB120	1,320
68 LF Track (60 LF Track, Current Limiter, 8 LF Track)	CL15	LC903CB1200CB120	1,320	CL24	LC943CB1200CB120	1,320
72 LF Track (60 LF Track, Current Limiter, 12 LF Track)	CL16	LC903CB1200CB300	1,500	CL25	LC943CB1200CB300	1,500
76 LF Track (60 LF Track, Current Limiter, 16 LF Track)	CL16	LC903CB1200CB300	1,500	CL25	LC943CB1200CB300	1,500
80 LF Track (60 LF Track, Current Limiter, 20 LF Track)	CL17	LC903CB1200CB600	1,800	CL26	LC943CB1200CB600	1,800

LIMITER IS INSTALLED ON EACH PIECE OF TRACK. IF YOU EXCEED THE WATTAGE ON A PIECE OF TRACK, THE CORRECT CURRENT LIMITER SHOULD BE SELECTED.

12/22/2016

BIDS AND PERMITS
80% OWNER REVIEW
06/12/2025
06/16/2026

PROPOSED MINOR INTERIOR
REMODEL FOR:

STORE NO. D-663
26130 GRATIOT AVE,
ROSEVILLE, MI 48066

THE KROGER CO. OF MICHIGAN

32316 grand river ave. suite 200
farmington, michigan 48336-3261
(248) 476-8800 fax (248) 476-8833

LIGHTING DETAILS & SCHEDULES

project no. 24007 sheet no. E6.2.5