



### The Kroger Co. Track/Current Limiter Matrix

Continuous length (LF = Linear Feet)	Cooper Lighting Catalog Number	Wattage
2 LF Track	LC901CB120	120
4 LF Track	LC901CB120	120
8 LF Track	LC901CB300	300
12 LF Track	LC901CB300	300
16 LF Track	LC901CB600	600
20 LF Track	LC901CB600	600
24 LF Track	LC901CB600	600
28 LF Track	LC901CB600	600
32 LF Track	LC901CB960	960
36 LF Track	LC901CB960	960
40 LF Track	LC901CB960	960
44 LF Track	LC901CB960	960
48 LF Track	LC901CB1200	1,200
52 LF Track	LC901CB1200	1,200
56 LF Track	LC901CB1200	1,200
60 LF Track	LC901CB1200	1,200
64 LF Track (60 LF Track, Current Limiter, 4 LF Track)	LC903CB1200CB120	1,320
68 LF Track (60 LF Track, Current Limiter, 8 LF Track)	LC903CB1200CB120	1,320
72 LF Track (60 LF Track, Current Limiter, 12 LF Track)	LC903CB1200CB300	1,500
76 LF Track (60 LF Track, Current Limiter, 16 LF Track)	LC903CB1200CB300	1,500
80 LF Track (60 LF Track, Current Limiter, 20 LF Track)	LC903CB1200CB600	1,800

**NOTE:** THIS MATRIX ONLY FOR WHEN AN INDIVIDUAL CURRENT LIMITER IS INSTALLED ON EACH PIECE OF TRACK. IF YOU EXCEED THE NUMBER OF FIXTURES ON A PIECE OF TRACK, THE CORRECT CURRENT LIMITER SHOULD BE SELECTED.

3/9/2015

### GENERAL NOTES

- COORDINATE SCHEDULING WITH KROGER ENGINEER. REFER TO SHEET G1.1.
- REUSE EXISTING BRANCH CIRCUITS MADE AVAILABLE BY DEMOLITION WHERE PRACTICABLE. UNLESS NOTED OTHERWISE, EXTEND EXISTING WIRING METHODS AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT LOCATIONS. PROVIDE ADJUSTMENTS OR ADDITIONAL BRANCH CIRCUITS AS REQUIRED FROM NEAREST SUITABLE PANELBOARD. ROUTE NEW RACEWAYS BY MOST PRACTICAL CONCEALED MEANS AVAILABLE UNLESS NOTED OTHERWISE. DO NOT INSTALL EXPOSED RACEWAYS OR SAWCUT WITHOUT THE CONSENT OF THE KROGER ENGINEER.
- UPDATE AND PRINT LABELS AND DIRECTORIES FOR BRANCH CIRCUITS AFFECTED BY NEW CONSTRUCTION. DO NOT PROVIDE HANDWRITTEN IDENTIFICATION.
- COORDINATE AND GROUP TOGETHER ALL PIPE DROPS IN SALES AREA FROM ROOF TO LOW WALLS OR EQUIPMENT WITH OTHER MECHANICAL PIPES.
- PROVIDE (3) 120/30/1 BRANCH CIRCUITS FOR BOOK RACK LIGHTING AT LOCATIONS TO BE DETERMINED BY KROGER ENGINEER. FIELD VERIFY SOURCE. PROVIDE 30A/4P CONTACTOR TO SWITCH BRANCH CIRCUITS. WIRE CONTRACTOR TO BUILDING MANAGEMENT SYSTEM.
- PROVIDE (3) 120/30/1 BRANCH CIRCUITS FOR MAGAZINE RACK LIGHTING AT LOCATIONS TO BE DETERMINED BY KROGER ENGINEER. FIELD VERIFY SOURCE. PROVIDE 30A/4P CONTACTOR TO SWITCH BRANCH CIRCUITS. WIRE CONTRACTOR TO BUILDING MANAGEMENT SYSTEM.
- PROVIDE (3) 120/30/1 BRANCH CIRCUITS FOR GREETING CARD RACK LIGHTING AT LOCATIONS TO BE DETERMINED BY KROGER ENGINEER. FIELD VERIFY SOURCE. PROVIDE 30A/4P CONTACTOR TO SWITCH BRANCH CIRCUITS. WIRE CONTRACTOR TO BUILDING MANAGEMENT SYSTEM.
- PROVIDE (3) 120/30/1 BRANCH CIRCUITS FOR COMMERCIAL OVEN BREAD AND COSMETICS RACK CANOPY LIGHTING AT LOCATIONS TO BE DETERMINED BY KROGER ENGINEER. FIELD VERIFY SOURCE. PROVIDE 30A/4P CONTACTOR TO SWITCH BRANCH CIRCUITS. WIRE CONTRACTOR TO BUILDING MANAGEMENT SYSTEM.
- PROVIDE (10) SETS OF (2) TR19 ON 4' TRACK AT LOCATIONS TO BE DETERMINED BY KROGER ENGINEER. PROVIDE (5) 120/20/1 BRANCH CIRCUITS FOR TRACK LIGHTING. FIELD VERIFY SOURCE. PROVIDE 30A/6P CONTACTOR TO SWITCH BRANCH CIRCUITS. WIRE CONTRACTOR TO BUILDING MANAGEMENT SYSTEM.
- INSTALL DOCK AND BACKROOM LIGHTING LUMINAIRES AS HIGH AS PRACTICABLE BETWEEN BAR JOISTS TO PROTECT FROM DAMAGE.
- INSTALL PREP ROOM LIGHTING RACEWAY ON TOP OF INSULATED ROOF PANEL AND STUB THROUGH PANEL INTO LUMINAIRES.
- PAINT WIRING AND SUPPORTING
- PRIORITIZE QUEVISION SENSING DEVICE LOCATIONS OVER THE INTERIOR LIGHTING PATTERN, WHERE INTERFERENCE OCCURS, ADJUST THE LIGHTING PATTERN AS REQUIRED TO ACCOMMODATE THE REQUIREMENTS OF THE QUEVISION SENSING DEVICES AT NO ADDITIONAL COST. COORDINATE ALL ADJUSTMENTS WITH THE QUEVISION INSTALLATION REPRESENTATIVE AND THE KROGER PROJECT MANAGER.
- CLEAN ALL STORE LUMINAIRES.
- REPAIR OR REPLACE DAMAGED OR INOPERATIVE LUMINAIRES (NORMAL, EMERGENCY, AND EXIT).
- INSTALL NEW LAMPS FURNISHED BY KROGER IN ALL NEW STORE LUMINAIRES. KROGER SHALL RELAMP ALL EXISTING OR RELOCATED LUMINAIRES.
- REFER TO REFLECTED CEILING PLAN.
- REFER TO LUMINAIRE SCHEDULE ON SHEET E6.2.4.
- REFER TO PANEL SCHEDULES ON SHEETS E6.2.X FOR CONTACTOR CONTROL.
- REFER TO A-SERIES SHEETS FOR ADDITIONAL REQUIREMENTS.
- REFER TO DECOR I-SERIES SHEETS FOR ADDITIONAL REQUIREMENTS.
- REPLACE ALL EXISTING EMERGENCY FLUORESCENT BALLASTS AND EMERGENCY LIGHTING UNIT EQUIPMENT WITH NEW EMERGENCY FLUORESCENT BALLASTS AND EMERGENCY LIGHTING UNIT EQUIPMENT.
- FURNISH TRACK CURRENT LIMITERS. REFER TO KROGER TRACK CURRENT LIMITER MATRIX.

BULLETIN NO. 2  
ADDENDUM NO. 2  
ADDENDUM NO. 1  
BIDS & PERMITS  
80% OWNER REVIEW  
08-17-2015  
07-14-2015  
07-16-2015  
06-28-2015  
06-22-2015

PROPOSED INTERIOR REMODEL FOR:



STORE NO. D-361

425 N. CENTER STREET  
NORTHVILLE, MI 48167

THE KROGER CO. OF MICHIGAN

**jeffery a. scott**  
**architects p.c.**

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

LIGHTING PLAN

project no.

15100

sheet no.

E11