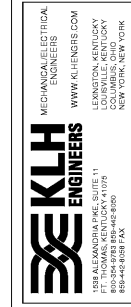




CONSULTANTS



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234 EAST BROCKE PKWY, WASHINGTON, KY

CLIENT



KROGER COMPANY

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PANEL SCHEDULES

BID ISSUE

E6.2.1

Project number 20166 Date 06/17/2016

PANEL NAME: LB  
SUPPLY FROM: LDP3  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 208/120V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 100  
MANS TYPE: FEEDER ID: K100  
FAULT CURRENT (A): 15447  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 1000 VA  
ADDED CONNECTED LOAD 1000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 1000 VA  
TOTAL DEMAND AMPS: 28 A

PANEL NAME: LCA  
SUPPLY FROM: LDP3  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 208/120V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 200  
MANS TYPE: FEEDER ID: K200  
FAULT CURRENT (A): 15732  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 2000 VA  
ADDED CONNECTED LOAD 2000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 2000 VA  
TOTAL DEMAND AMPS: 20 A

PANEL NAME: HEM  
SUPPLY FROM: AT5  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 480/277V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 100  
MANS TYPE: FEEDER ID: K100  
FAULT CURRENT (A): 15447  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 1000 VA  
ADDED CONNECTED LOAD 1000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 1000 VA  
TOTAL DEMAND AMPS: 22 A

PANEL NAME: HB  
SUPPLY FROM: MSB  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 480/277V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 200  
MANS TYPE: FEEDER ID: K200  
FAULT CURRENT (A): 15943  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 2000 VA  
ADDED CONNECTED LOAD 2000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 2000 VA  
TOTAL DEMAND AMPS: 50 A

PANEL NAME: LCB  
SUPPLY FROM: LDP3  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 208/120V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 100  
MANS TYPE: FEEDER ID: K100  
FAULT CURRENT (A): 15447  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 1000 VA  
ADDED CONNECTED LOAD 1000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 1000 VA  
TOTAL DEMAND AMPS: 126 A

PANEL NAME: LA  
SUPPLY FROM: LDP3  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 208/120V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 150A  
MANS TYPE: FEEDER ID: K150  
FAULT CURRENT (A): 15641  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 1000 VA  
ADDED CONNECTED LOAD 1000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 1000 VA  
TOTAL DEMAND AMPS: 22 A

PANEL NAME: HC  
SUPPLY FROM: MSB  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 480/277V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 200  
MANS TYPE: FEEDER ID: K200  
FAULT CURRENT (A): 15299  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 2000 VA  
ADDED CONNECTED LOAD 2000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 2000 VA  
TOTAL DEMAND AMPS: 80 A

PANEL NAME: HE  
SUPPLY FROM: AT5  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 480/277V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 100  
MANS TYPE: FEEDER ID: K100  
FAULT CURRENT (A): 15447  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 1000 VA  
ADDED CONNECTED LOAD 1000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 1000 VA  
TOTAL DEMAND AMPS: 30 A

PANEL NAME: HA  
SUPPLY FROM: MSB  
LOCATION: ELECTRICAL SPRINKLER 1138  
DISTRIBUTION SYSTEM: 480/277V 3PH 4W  
FEEDER: EXISTING FEEDER, AT RATING INDICATED, TO REMAIN UNLESS NOTED OTHERWISEMAIN RATING (A): 200  
MANS TYPE: FEEDER ID: K200  
FAULT CURRENT (A): 15943  
SHORT CIRCUIT RATING (A): EXISTING  
LISS TYPE: ENCLASURE TYPE: NEMA 1  
SURGE SUPPRESSION: ULSE  
ISOLATED GROUND: 200% NEUTRAL  
ISOLATED GROUND:

Table with columns: Ckt, Circuit Description, Volts, Amps, G, Trip Frame, Pole, A, B, C, Pole Frame, Trip, G, Amps, Volts, Circuit Description. Includes load classification and demand summary.

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Notes, Breaker Quantities (New Only). Includes metered peak demand and demand calculation notes.

METERED PEAK DEMAND (PER NEC 220.87) 2000 VA  
ADDED CONNECTED LOAD 2000 VA  
DEMAND CALCULATION NOTES: 100% EXISTING METERED DEMAND, LESS DEMOLISHED DEMAND  
TOTAL DEMAND: 2000 VA  
TOTAL DEMAND AMPS: 91 A

PANEL SCHEDULE LEGEND  
(EX) = EXISTING CIRCUIT TO REMAIN  
(N) = NEW CIRCUIT TO EXIST  
(B) = PROVIDE LOCKING TYPE BREAKER FOR ALL LIFE SAFETY AND NIGHT LIGHTING BRANCH CIRCUITS  
(GF) = PROVIDE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) CIRCUIT BREAKER  
(IT) = PROVIDE BRANT TRIP CIRCUIT BREAKER  
(A) = PROVIDE ARC-FAULT CIRCUIT INTERRUPTER (AFCI) CIRCUIT BREAKER  
(L) = PROVIDE LOCK ON DEVICE  
(L-1) = PROVIDE LOCK-OUT/TAG-OUT DEVICE  
(C) = CONNECT BRANCH CIRCUIT, WHICH WAS DISCONNECTED FROM ANOTHER SOURCE AS PART OF SELECTIVE DEMOLITION, TO POLE SPACE (S) AND BREAKER INDICATED. DETERMINE EXACT POLE ASSIGNMENTS BASED ON EXISTING COLOR-CODING OF THE BRANCH CIRCUIT CONDUCTOR INSULATION

PANEL KEY table with columns: Panel Name, Description

REFER TO PANEL LOAD SUMMARY ON SHEET E6.1 FOR REMOVED LOADS ON PANELS.

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