## COMcheck Software Version COMcheck-Web
# Interior Lighting Compliance Certificate

**Project Information**

Energy Code: 2015 IECC
Project Title: Dash In Severn, MD
Project Type: New Construction

Construction Site: Severn, Maryland
Owner/Agent:
Designer/Contractor: B&R Construction Services, Inc. 502 McCormick Drive, Suite M Glen Burnie, Maryland 21061 410-761-9600

**Additional Efficiency Package**

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

**Allowed Interior Lighting Power**

| A Area/Surface Category | B | C Allowed Watts / ft2 | D Allowed Watts |
|---|---|---|---|
| 1-Retail:Sales Area | | 1.43 | 3841 |
| | | Total Allowed Watts = | 3841 |

**Proposed Interior Lighting Po**

| Fixture ID : Description | B mps/ xture | C # of Fixture | D Fixture Watt. | E (C X D) |
|---|---|---|---|---|
| 1-Retail:Sales Area | | | | |
| LED: LED-2: CREE LR6 SERIES: Othe | 1 | 21 | 15 | 315 |
| LED: LED-3: CREE ZR22 SERIES: Oth | 1 | 27 | 32 | 864 |
| LED: LED-4: CREE ZR24 SERIES: Oth | 1 | 18 | 40 | 720 |
| LED: LED-5: LED STRIP FIXTURE: Oth | 1 | 1 | 128 | 128 |
| LED: LED-8: LED PENDANT FIXTURE: | 1 | 3 | 6 | 18 |
| | | Total Proposed Watts = | | 2045 |

Interior Lighting PASSES: Desig

**Interior Lighting Compliance Statement**

*Compliance Statement:* The proposed interior lighting [illegible] nt is consistent with the building plans, specifications, and other calculatior d interior lighting systems have been designed to meet the 2015 IECC re to comply with any applicable mandatory requirements listed in th

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514 3 on Points
516 2 on Points
~~Shows 4 on Display~~
Shows 5 EA # 514
Shows 4 EA # 516

504 -
Panel Schedule Says LP-2-34
LP2-34 is Beyond By 100A


## COMcheck Software Version COMcheck-Web
# Exterior L[illegible] Ce[illegible]


**Project Information**

Energy Code:
Project Title:
Project Type:
Exterior Lighting Zone

Construction Site: Severn, Maryland
Contractor: [illegible] nstructio ormick [illegible] nie, Mar 9600

409A
2-Circuits EA Item
Dif. Panels
- Is this Proper.

403A Bakery Case
Says LP1-27
Schedule Says LP1-27 is Convenience NOT Bakery

**Allowed Exterior Lighting Power**

| A Area/Surface Category | B Quantity | C Allowed Watts / | D Tradable Wattage | E Allowed Watts (B X C) |
|---|---|---|---|---|
| Walkway >= 10 feet wide | | 0.14 | Tradable | |
| | | Total Allo | plemental | |
| (a) Wattage tradeoffs are only allowed | | | | |
| (b) A supplemental allowance equal to | | | adable an | |

**Proposed Exterior Lighting Pov**

| Fixture ID : Description | B mps/ xture | |
|---|---|---|
| Walkway >= 10 feet wide (3595 ft2): | | |
| LED: WS: EXTERIOR WALL PACK: C | 1 | |
| LED: W2S: EXTERIOR WALL FIXTUR | 1 | |
| | otal Tradat | |

Exterior Lighting PASSES: De

**Exterior Lighting Compliance S[illegible]**

*Compliance Statement:* The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheck-Web and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

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Data filename:
Report date: 06/23/17
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LP1-35 goes TO
CO-1 NOT
LP1-35

LP1-39 shows LED Lighting
It goes to Display Cases

## EQUIPMENT SCHEDULE

| | EQUIPMENT | | | | ELECTRICAL | | | | | | | | | GENERAL REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | LOAD | | | | | | | | | |
| | ITEM NO. | QTY. | DESCRIPTION | MANUFACTURER | MODEL NO. | CONNECTION | NEMA | VOLTS | PHASE | AMP | HP | KW | HGT. | CIRCUIT DESIGNATION | |
| | 101 | 1 | FREAL REFRIGERATED CASE | FREAL | 22-USG-X1-FRL-2 | CORD & PLUG | 5-15P | 120 | | 10.5 | | | 2'-0" | LP1-8 | REQUIRES A 15A DEDICATED CIRCUIT. GOODE REFRIGERATION, LEFT HINGE. (EXISTING) |
| | 102 | 1 | FREAL BLENDER ON SIDE COUNTER | FREAL | FRLB4 | CORD & PLUG | 5-15P | 120 | | 10.5 | | | 2'-0" | LP1-10 | REQUIRES A 15A DEDICATED CIRCUIT. GOODE REFRIGERATION, LEFT HINGE |
| | 103 | 1 | FROZEN BEVERAGE DISPENSER (ICEE) | FBD | 563 | CORD & PLUG | L6-20P | 208 | 1 | 20.0 | | | 2'-0" | LP2-23,25 | GOODE REFRIGERATION, LEFT HINGE |
| | 104B | 1 | TOUCHPOINT BEVERAGE DISPENSER | LANCER | TOUCHPOINT | CORD & PLUG | 5-15P | 120 | | 6.0 | | | 4'-6" | LP1-5 | GOODE REFRIGERATION |
| | 105 | 1 | ICE MAKER | CORNELIUS | WCC-14O1R | DIRECT | JB | 120 | | 20 | | | 5'-4" | LP2-39 | GOODE REFRIGERATION |
| | 105A | 1 | ICE MAKER - REMOTE CONDENSER | CORNELIUS | WCU-14O1 | DIRECT | JB | 120 | | 20 | | | ROOF | LP2-34,36 | |
| | 201 | 2 | COFFEE BREWER | CURTIS | GEMTIF10A1000 | DIRECT | JB | 208 | 1 | 23.6 | | 5.2 | 4'-6" | LP2-8,10 LP2-12,14 | |
| | 202 | 4 | COFFEE WARMER - STAND | CURTIS | GEM5IF | CORD & PLUG | 5-15P | 120 | | .6 | | .071 | 2'-0" | LP1-7 | |
| | 203 | 1 | LATTE (CAPUCCINO) | BUNN | IMIX-5-HW-BLK | CORD & PLUG | 5-15P | 120 | | 15 | | 1.8 | 3'-6" | LP1-9 | INCLUDES HOT WATER DISPENSER |
| | 212 | 1 | THE CREAM MACHINE | GOODWEST | GW3 TRIPLE | CORD & PLUG | 5-15P | 120 | | 2.0 | | 0.15 | 4'-0" | LP1-11 | GOODE REFRIGERATION, INSTALLS |
| | 301 | 1 | ROLLER GRILL | STAR | 7SSC | CORD & PLUG | 5-20P | 120 | | 14.4 | | 1.73 | 3'-6" | LP1-12 | GOODE REFRIGERATION, INSTALLS |
| | 302 | 1 | DROP-IN COLD PAN | HATCO | CWB-1 | CORD & PLUG | 5-15P | 120 | | 6.7 | 1/4 | 0.8 | 2'-0" | LP1-13 | |
| | 304 | 1 | CHEESE DISPENSER | STAR | HPDE2 | CORD & PLUG | 5-15P | 120 | | 8.5 | | 1.0 | 3'-6" | LP1-18 | GOODE REFRIGERATION |
| | 307 | 1 | UNDER CABINET REFRIGERATOR | TRUE | TUC-36-LP | CORD & PLUG | 5-15P | 120 | | 6.1 | 1/6 | | 2'-0" | LP1-15 | GOODE REFRIGERATION, LOW PROFILE |
| | 401A | 1 | CONDENSING UNIT - COOLER | HUSSMAN | | | | | | | | | | MP-2,4,6 | |
| | 401B | 1 | CONDENSING UNIT - COOLER | HUSSMAN | | | | | | | | | | MP-7,9,11 | |
| | 401C | 1 | EVAPORATOR COIL - COOLER | HUSSMAN | | | | 208 | 1 | 2.7 | | .562 | 9'-0" | MP-34,36 | |
| | 401D | 1 | EVAPORATOR COIL - COOLER | HUSSMAN | | | | 208 | 1 | 2.7 | | .562 | 9'-0" | MP-17,19 | |
| | 402A | 1 | CONDENSING UNIT - FREEZER | HUSSMAN | | | | | | | | | | MP-1,3,5 | |
| | 402B | 1 | EVAPORATOR COIL - FREEZER | HUSSMAN | | | | 208 | 1 | 26.1 | | 5.43 | 9'-0" | MP-13,15 | |
| | 403A | 1 | BAKERY CASE | CAYUGA | | | 5-15P | 120 | | | | | | LP1-27 | |
| | 404A | 1 | REFRIGERATED MECHANDISER | SOUTHERN CASED ARTS | 4-MDI-O4VN-IPR-REM | DIRECT | JB | 120 | | 1.3 | | | TBD | LP1-41 LP2-1 | GOODE TO INSTALL |
| | 404C | 1 | REFRIG. MERCHANDISER - REMOTE CONDENSER | SOUTHERN CASED ARTS | 4-MDI-O4VN-IPR-REM | DIRECT | JB | 208 | | 12.3 | | | | LP1-29,31 | |
| | 405 | 1 | HOT FOOD MERCHANDISER | HENNY PENNY | EPC400 | CORD & PLUG | 6-20P | 208 | 1 | 22.0 | | 4.58 | 2'-0" | LP2-30,32 | GOODE TO INSTALL, FLOOR MOUNTED |
| | 413 | (1.2) | 60" SINGLE SIDED SHELVING | CAYUGA | | DIRECT | JB | 120 | | 5.0 | | | | LP1-37 | |
| | 501 | 1 | SANDWICH PREP TABLE | RANDELL | 8268N | CORD & PLUG | 5-15P | 120 | | 9.0 | 1/3 | | 2'-0" | LP1-17 | |
| 2 | 504 | 1 | EXHAUST HOOD | CAPTIVE-AIRE | DWG #2722058 | DIRECT | JB | 120 | | 15.0 | | | TBD | LP1-20 | |
| | 506 | 1 | GAS GRIDDLE 6'-0" | VULCAN | MSA 60 | | | 120 | | | | | | LP1-23 | |
| | 507 | 1 | REFRIGERATOR GRIDDLE STAND | CONTINENTAL REFRIG. | DL726 | CORD & PLUG | 5-15P | 120 | | 6.1 | 1/4 | | 2' | LP1-23 | |
| | 508 | 2 | GAS FRYER - (BATTERY) | PITCO | SG14S-2FD | CORD & PLUG | 5-15P | 120 | | 1.7 / 7.0 | | | 2'-0" | LP1-22 LP1-38 | FILTER/CONTROLS |
| | 509 | 1 | MICROWAVE | ACP | HDC12A2 | CORD & PLUG | 5-20R | 120 | | 16.8 | | 2.0 | 4'-6" | LP1-14 | |
| | 511 | 1 | REFRIGERATOR, UNDERCOUNTER | TRUE | TUC-48-LP-HC | CORD & PLUG | 5-15P | 120 | | 3.0 | 1/5 | | 2'-0" | LP1-25 | |
| | 512 | 1 | WORKTOP FREEZER | TRUE | TWT-48F-HC | CORD & PLUG | 5-15P | 120 | | 5.4 | 1/2 | | 2'-0" | LP1-24 | |
| | 513 | 1 | CONVECTION OVEN | MERRYCHEF | E4S | CORD & PLUG | 6-30P | 208 | 1 | 30.0 | | 6.2 | 4'-6" | LP1-19,21 | |
| | 514 | 3 | MADE TO ORDER PRINTER | RADIANT | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 4'-0" | MV-1 | REQUIRES A DEDICATED & ISOLATED DUPLEX RECEPTACLE & DATA CONNECTION |
| | 515 | 3 | ORDER SYSTEM MONITOR | RADIANT | UNKNOWN | CORD & PLUG | 5-15P | 120 | | 15.0 | | | WALL MTD. | MV-1 | REQUIRES A DEDICATED & ISOLATED DUPLEX RECEPTACLE & DATA CONNECTION |
| | 516 | 2 | ORDER SYSTEM KIOSK W/ PRINTER | RADIANT | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 2'-0" | MV-1 | REQUIRES A DEDICATED & ISOLATED DUPLEX RECEPTACLE & DATA CONNECTION |
| 2 | 518 | 1 | REFRIG. SANDWICH / SALAD UNIT | TRUE | TSSU-36-12M-B | CORD & PLUG | 5-15P | 115 | | 8.3 | 1/3 | | 2'-0" | LP1-42 | |
| | 519 | 1 | FRENCH FRY WARMER | CARTER-HOFFMAN | CNH18 | CORD & PLUG | 5-20P | 120 | | 15.1 | | 1.8 | 4'-6" | LP2-35 | |
| 2 | 521 | 1 | VERTICAL TOASTER | ANTUNES | GST-3V-9210874 | CORD & PLUG | 6-20P | 208 | 1 | | | 3.66 | 4'-6" | LP2-26,28 | |
| | 617 | 1 | REMOTE FIRE SYSTEM | ANSUL | R-102 | | | 120 | | | | | | LP2-2 | |
| | 619 | 2 | TANKLESS HOT WATER HEATER | RINNAI | REV-KA 323 7 FF UD-US | | | 120 | | | | | | LP2-4 LP2-6 | |
| | 620C | 1 | WORKTOP FREEZER | TRUE | TWT-48F-HC | CORD & PLUG | 5-15P | 120 | | 5.4 | 1/2 | | 2'-0" | LP1-36 | |
| | 622 | 1 | DISHWASHER, UNDERCOUNTER | AMERICAN DISH | ET-AF-M | DIRECT | JB | 120 | | 20 | 1-1/2 | 2.3 | 2'-0" | LP1-16 | |
| | 624 | 1 | PRESSURE WASHING SYSTEM | SPRAY MASTER | 300-5025 | DIRECT | 5-20R | 120 | | 19.1 | 2 | 2.2 | 8'-0" | LP2-38 | |
| | 701 | 3 | POINT OF SALE | RADIANT | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 2'-0" | MV-1 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 702 | 1 | SATELLITE CONTROL | | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | WALL MTD. 7'-0" | MV-5 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 703 | 1 | EPOS-2 CONTROL | | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | WALL MTD. 7'-0" | MV-5 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 706 | 1 | MONEY ORDER PRINTER | TBD | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 4'-6" | LP2-3 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 708 | 1 | ATM | NCR | SELSERV 16 | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 2'-0" | LP2-5 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 709 | 1 | MARYLAND LOTTERY TERMINAL A | MD LOTTERY | PAT | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 2'-0" | LP2-7 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 710 | 1 | TOBACCO DISPLAY | IMAGE WORKS | 8333 | | 5-15P | 120 | | | | | | LP1-33 | |
| | 711 | 1 | HBA DISPLAY | IMAGE WORKS | 8333 | | 5-15P | 120 | | | | | | LP1-33 | |
| | 712 | 1 | OTP DISPLAY | IMAGE WORKS | 8333 | | 5-15P | 120 | | | | | | LP1-33 | |
| | 715 | 2 | LOTTERY MONITOR (ABOVE) | MD LOTTERY | | CORD & PLUG | 5-15P | 120 | | 15.0 | | | TBD | LP2-9 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 716 | 1 | MARYLAND LOTTERY TERMINAL B | MD LOTTERY | PAT | CORD & PLUG | 5-15P | 120 | | 15.0 | | | 2'-0" | LP2-11 | REQUIRES A DEDICATED & ISOLATED QUAD RECEPTACLE & DATA CONNECTION |
| | 717B | 2 | MONITORS (AD FLOW) - PORTRAIT POSITION | LG | 49SH7DB | CORD & PLUG | 5-15P | 120 | | 15.0 | | | CLG. | LP2-33 | |
| 2 | 802 | 4 | MOTION ACTIVATED HAND DRYER | DYSON | AIRBLADE V AB12 | | | 120 | | | | | | LP2-13 LP2-15 LP2-37 LP2-41 | |
| | 803 | 4 | MOTION ACTIVE FAUCET | SLOAN | EFT80 | | | 120 | | | | | | LP2-16 | |
| | 804 | 4 | MOTION ACTIVATED SOAP DISPENSER | GOJO CXi TOUCH FREE | 8520-01 | | | 120 | | | | | | LP2-34 | Wiring Should Be LP2-18 |
| | E.0.-1 | 1 | EQUIPMENT OUTLET (FUTURE) | | | | 5-20R | 120 | | | | | | LP1-28 | DEDICATED CIRCUIT REQUIRED |
| | E.0.-2 | 1 | EQUIPMENT OUTLET (FUTURE) | | | | 5-20R | 120 | | | | | | LP1-30 | DEDICATED CIRCUIT REQUIRED |
| 2 | E.0.-3 | 3 | EQUIPMENT OUTLET (FUTURE) | | | | 5-20R | 120 | | | | | | LP1-32 LP1-34 LP1-40 | DEDICATED CIRCUIT REQUIRED |
| | C.0.-1 | 2 | CONVINIENCE OUTLET | | | | 5-15R | 120 | | 15 | | | 2'-0" | LP1-35 | |


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DASH IN
STORE #079
QUARTERFIELD RD - SEVERN, MD

| REV. # | ISSUE / DESCRIPTION | DATE |
|---|---|---|
| 1 | OWNER COMMENTS | 05/10/17 |
| 2 | OWNER COMMENTS | 07/07/17 |

SHEET TITLE:
DATA SHEET - ELECTRICAL

DRAWING DATE: 01 APRIL 2017
DRAWN BY: MLK
REVIEWED BY: BRT
PROJECT #: 2889
SHEET #: E-002
FILE NAME: 2889 - E-002.dwg