



**GENERAL NOTES:**

- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.
- THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.
- ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE WITH OWNER'S ROOF CONTRACTOR SO AS NOT TO VOID ANY EXISTING ROOF WARRANTIES.
- THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.
- ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITH NO ADDITIONAL COST TO THE OWNER.
- COORDINATE ALL EQUIPMENT UTILITY INFORMATION SHOWN ON THIS SHEET WITH THE DUNKIN' BRANDS EQUIPMENT SCHEDULE AND EQUIPMENT MANUFACTURER'S CUTS SHEETS.
- ALL EXTERIOR LIGHTS TO BE UNLOCK CONTROLLED.
- ALL 15 AND 20 AMP 120 VOLT RECEPTACLES IN KITCHEN AND PREP AREAS SHALL BE GFI TYPE.
- ALL JUNCTION BOXES SHOWN ON THIS PLAN ARE TO BE INSTALLED ABOVE THE FINISHED CEILING.
- ALL LIGHT (NIGHT) EMERGENCY EXIT FIXTURES SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. PROVIDE ADDITIONAL FIXTURES AS NEEDED TO MEET THE CODE REQUIREMENTS PER LOCAL REQUIREMENTS.
- PROVIDE WOOD BLOCKING FOR ALL EXTERIOR LIGHTING FIXTURES COORDINATE WITH GENERAL CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LATEST KITCHEN PLANS AND EQUIPMENT CUTS SHEETS FOR PROPER EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK.
- OWNER SHALL PROVIDE OWNER/FRANCHISEE WITH COMPLETE SET OF ELECTRICAL AS-BUILT DRAWINGS SHOWING ALL DEVIATIONS FROM ORIGINAL DESIGN WITHIN 30 DAYS OF ACCEPTANCE.
- OWNER SHALL PROVIDE OWNER/FRANCHISEE WITH OPERATIONS & MAINTENANCE MANUAL(S) FOR ALL ELECTRICAL SYSTEMS AND EQUIPMENT WITHIN 30 DAYS OF ACCEPTANCE.

**CARBON MONOXIDE MONITORING:**  
 THE DESIGN PROFESSIONAL IS RESPONSIBLE FOR PROVIDING A MEANS OF MONITORING AND ALARMING THE OCCUPANTS UPON THE PRESENCE OF CARBON MONOXIDE (CO). THE MEANS OF DETECTION SHALL BE LOCATED NEAR EQUIPMENT THAT PRODUCES PRODUCT OF COMBUSTION. LOCATIONS SHALL INCLUDE BUT NOT BE LIMITED TO: GAS FIRED OVENS, GAS FIRED WATER HEATERS, GAS FIRED FURNACES, ETC.

THE ARCHITECT / ENGINEER IS RESPONSIBLE FOR INDICATING THE QUANTITY AND LOCATION OF EMERGENCY AND EGRESS LIGHTING AND SIGNS PER PLAN AND LOCAL JURISDICTION REQUIREMENTS.

**KEYED NOTES:**

- INSTALL SWITCH HEIGHT MOUNTED OCCUPANCY SENSOR, HUBBELL MODEL LHRS1, IN THE STORAGE ROOM, RESTROOMS AND OFFICE.
- WALK-IN IS EXISTING TO REMAIN. E.C. SHALL VERIFY LIGHTS AND SWITCHES ARE IN GOOD WORKING ORDER. E.C. SHALL VERIFY SWITCHES ARE PILOT LIGHT TYPE. REPAIR/REPLACE AS REQUIRED. VERIFY IF SWITCH IS ON LATCH SIDE OF DOOR, RELOCATE AS REQUIRED.
- CIRCUIT EXTERIOR SIGNS THROUGH EXISTING LIGHTING CONTROL PANEL. VERIFY QUANTITY AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- ALL EXTERIOR LIGHTING IS EXISTING TO REMAIN BY OWNER. COORDINATE WITH OWNER TO REPAIR/REPLACE ANY FIXTURES, AS REQUIRED.
- SPEAKER AND SOUND SYSTEM TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. LOCATE VOLUME CONTROL IN THE OFFICE. SEE ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION AND CONTROL.
- E.C. SHALL VERIFY IF EXISTING LIGHTING CONTROLS ARE PRESENT. IF NOT, E.C. SHALL PROVIDE CONTROL RELAY PANEL AS SPECIFIED BY THE LIGHTING VENDOR. CONTROL RELAY PANEL REQUIRES A PHONE JACK IN CLOSE PROXIMITY. PROVIDE AND INSTALL DIGITAL SWITCH(ES) AS REQUIRED. LOCATION OF SWITCHES BY ARCHITECT OR OWNER.
- E.C. SHALL COORDINATE WITH HOOD SUPPLIER FOR CONNECTION TO HOOD LIGHTS. E.C. SHALL PROVIDE HOOD LAMPS UNLESS OTHERWISE NOTED.
- SWITCH DESIGNATIONS FOR LIGHT FIXTURES ARE BASED ON DUNKIN' PROTOTYPICAL DIMMING RELAY PANEL. IF DIMMING IS NOT INSTALLED, THEN E.C. SHALL PROVIDE "WB" SWITCHING FOR ALL FIXTURES IN EACH ZONE TO ACHIEVE 50% LIGHT REDUCTION PER ENERGY CODE.
- EXISTING LIGHT TO REMAIN. E.C. SHALL RE-LAMP, REPAIR, OR REPLACE AS REQUIRED. COORDINATE WITH OWNER.

**1 LIGHTING PLAN**

**CEILING LEGEND:**

|  |                                   |
|--|-----------------------------------|
| 2x2 LAY-IN LIGHT FIXTURE W/ OVERLAY (LED) (TYP.)                               | GYPSUM BOARD CEILING              |
| 2x4 LIGHT FIXTURE, LAY-IN @ SUSPENDED CEILING GRID SYSTEM (LED)                | INTERIOR FLUSH CEILING SPEAKER    |
| RECESSED CAN EXTERIOR DOWN LIGHT FIXTURE (LED)                                 | ADJUSTABLE SPEAKER VOLUME CONTROL |
| PENDANT LIGHT FIXTURE (LED)  | EXIT SIGN                         |
| PENDANT LIGHT FIXTURE (LED) WITHIN HANGING OF                                  | COMBO EXIT SIGN                   |
| RECESSED CAN EXTERIOR DOWN LIGHT FIXTURE (LED)                                 | EMERGENCY PRESS LIGHT             |
| EMERGENCY WALL PACK LIGHT  | EMERGENCY WALL PACK LIGHT         |
| SUPPLY AIR DIFFUSER - 4 WAY  | CEILING REGISTER                  |
| TRACK HEAD & LED LAMP  | FLUE                              |
| 2'x4' SUSPENDED CEILING GRID SYSTEM WITH 2'x4' LAY-IN ACOUSTICAL CEILING TILES |                                   |

**CONTROL RELAY PANEL SCHEDULE**

| Description                            | Circuit Number | Control Zone | Relay Number |
|--|----------------|--------------|--------------|
| Lighting - Dining - Track and Pendant  | A-2            | a            | 1            |
| Lighting - Dining - 2x2 Fixtures       | A-2/A-6        | b            | 2            |
| Lighting - POS Sales                   | A-2            | c            | 3            |
| Digital Menu Boards                    | D-40           | c            | 4            |
| Show Window Receptacles                | EXISTING       | c            | 5            |
| Restroom Exhaust Fan                   | A-38           | c            | 6            |
| Lighting - Back of House               | A-4            | d            | 7            |
| Lighting - Exterior                    | EXISTING       | e            | 8            |
| Lighting - Exterior                    | EXISTING       | f            | 9            |
| Lighting - Exterior                    | EXISTING       | g            | 10           |
| Lighting - Building Signs              | A-20/A-23      | h            | 11           |
| Lighting - Parking Lot and Directional | EXISTING       | i            | 12           |
| Drive Through Menu Canopy              | B-31           | j            | 13           |
| Spare                                  |                |              | 14           |
| Spare                                  |                |              | 15           |
| Spare                                  |                |              | 16           |

Comments:  
 1. All Indicated Zones Shall Be Controlled By Blue Box Control Panel per Vilsa Lighting Specifications. See Control Drawing Details.

WHEN THE LIGHTING CONTROL IS SPECIFIED WITH DIMMING CAPABILITIES, THE SHARING OF NEUTRALS IS STRICTLY PROHIBITED.

**MUSIC SYSTEM NOTES:**

THE MUSIC SYSTEM IS A REQUIREMENT OF THE BRAND AND NO LONGER OPTIONAL ARCHITECTS TO UPDATE ARCHITECTURAL DRAWINGS PER GUIDELINES DIRECTLY BELOW.

- MUSIC SYSTEM IS REQUIRED IN ALL NEW AND REMODEL STORES. MUSIC SYSTEM TO USE DBI APPROVED PROGRAMMING.
- ALL CEILING SPEAKERS TO BE FLUSH MOUNTED WHITE. ALL EXTERIOR SPEAKERS TO BE BLACK, WITH EXTERIOR GRADE CONSTRUCTION.
- ONE SPEAKER IN EACH BATHROOM TO BE FLUSH MOUNTED WHITE.
- A MINIMUM OF TWO SPEAKERS IN THE SEATING AREA (NO SPEAKERS IN THE SERVICE AREA).
- A MINIMUM OF TWO SPEAKERS AT EXTERIOR SEATING AREAS WHERE APPLICABLE.
- SPEAKER AT EXTERIOR OF BUILDING ADJACENT TO ENTRY.
- PROVIDE AND INSTALL SEPARATE VOLUME CONTROLS FOR EACH AREA (RESTROOMS, SEATING AREA, EXTERIOR).
- HARDWARE TO BE INSTALLED IN THE OFFICE. FIELD VERIFY AND COORDINATE WITH FRANCHISE FOR THE EXACT LOCATION OF THE UNIT AND VOLUME CONTROLS.

THESE PLANS ARE CONFIDENTIAL PROPERTY OF DUNKIN' BRANDS, INC. UNLESS OTHERWISE NOTED. NO OTHER RESTRICTED ACCESS.

**Dunkin' Brands**

PROJECT NO.: 17229

**NRD** national restaurant designers  
 ARCHITECTS & ENGINEERS

3005 Carrington Mill Blvd., Morrisville, NC 27560  
 ph: 919 544 7251 fax: 919 544 9399  
 A Division of LMHT Associates

REGISTERED PROFESSIONAL ENGINEER  
 STATE OF VIRGINIA  
 PROFESSIONAL ENGINEERING BOARD  
 LICENSE NO. 51876

| NO | DESCRIPTION                      | DATE    | SCALE | DRAWN | CKD | DRS | DRS |
|----|----------------------------------|---------|-------|-------|-----|-----|-----|
| 1  | OWNER COMMENTS (RESTROOM CHANGE) | 5/2/18  |       |       |     |     |     |
|    | SET REVISIONS                    | 3-18-18 |       |       |     |     |     |
|    |                                  |         |       |       |     |     |     |
|    |                                  |         |       |       |     |     |     |
|    |                                  |         |       |       |     |     |     |
|    |                                  |         |       |       |     |     |     |

DD FRESH BREW 1.0  
 908 MARKET DRIVE, EMPORIA, VA

**ELECTRICAL LIGHTING PLAN**

PC# 358084

**E-1.0**