## **CANOPY W/ SPEAKER BOX ENGINEER NOTES:** FRONT ELEVATION SIDE ELEVATION 1/2-13 BOLTS, (AS SHOWN FROM APPROACH) **NUTS AND** DESIGN BASED ON ASCE 7-10 USING V(ult) = WASHERS ORDER HERE POLE WEIGHT 184 LBS ALL STEEL POST MEMBERS SHALL BE A36 MIN. **CLEARANCE 9'-0"** INCLUDE 0.18% BY VOLUME OF FIBER MESH ADDITIVE LIFTING LUGS (2) 3" white reflective REMOVE AFTER White bottom INSTALL NOTE: INSTALLER TO PROVIDE with recessed lights AND APPLY A COATING OF 3/8"-16 BOLTS **GREASE TO SLEEVE & BEARING** PLATES AT TIME OF INSTALLATION. 1 1/2"X3"X1/8" WALL WELDED STEEL TUBE BRACKET FRAME SHALL BE BY THE MANUFACTURER 6"X6"X3/16" WALL 101 Optional speaker mtd. SQ. STEEL TUBE 108 on canopy post TO NOTE: TO HOLD 9'-0" CLEARANCE TO GRADE. WEATHER PROOF JUNCTION GRADE **BOX BY INSTALLER** 3" X 4" HANDHOLE W/ THE POLE HAS BEEN DESIGNED TO ACCOUNT COVER AT BACK OF POLE FOR A 6"/7" CURB. ANY VARIATION TO THE ACTUAL PLACEMENT OF THE CANOPY, WILL 12" CONDUIT 6" ANCHOR BOLT PROJECTION REQUIRE SOME MODIFICATION TO THE FOOTING **PROJECTION** TO INSURE THAT THE 9'-0" CLEARANCE IS HELD. -17 3/8 CURB THIS IS THE RESPONSIBILITY OF THE INSTALLER. FOOTING GRADE AND INVALIDATE OUR CERTIFICATION. AFFIRMATIONS ARE INTENDED. TORQUE NUTS TO **GENERAL SPECIFICATIONS:** DOUBLE NUTS (GALV.) **ELECTRICAL** 69 FT. LBS. Materials: Tube steel column & steel canopy frame; FLAT WASHER PER CODE 5" Sintra letters; Pivoting hardware w/ spring assembly; Steel mtg. plates and 3/4" DIA. ANCHOR BOLTS end caps as required; Recessed lighting Decoration: Vinyl 1st surface 40" LG. (4) REQ'D. Area Squared: N/A NOTE: INSTALLER MUST BE SURE TO (KT02027B) Weight (Est.): SHIM CANOPY PLATE AT BOTTOM, AND · Crated: (TBE) ADJUST ANCHOR BOLTS AT BOTTOM OF · Uncrated: (TBE) COLUMN SO THAT THE CANOPY SITS 2'-0" DIA. WITH A 1/8" / FT FALL FROM OPEN SIDE TO POLE ELECTRICAL PRIMARY WIRE SIZE-#12 THWN SIDE SO WATER WILL DRAIN OFF POLE SIDE. Illumination • Recessed can lights under canopy (4) Line Load: CANOPY ORIENTATION • 8 Amps @ 120 VAC 20 AMPS PER NEC 600-6A · (1) 20 Amp circuit SOCKETS - KULKA 5843 OR EQUIV. CONDUIT - MINIMUM 1/2" COLORS: ALL COMPONENTS SHALL BE U.L. APPROVED All exposed surfaces: PMS 165C Orange; Exception-underside of canopy ptd. white CLEARANCE 9'-0" Copy: AND LOCAL CODES White reflective vinyl ORDER HERE Letters: PER N.E.C. 250 PMS 165C Orange REVISION: SALES PERSON: OPYRIGHT 201 **CUSTOMER: 1740 HILL AVENUE** #1 00.00.00 **DUNKIN DONUTS** SERVICE. ALI WEST PALM BEACH, FL. #1 00.00.00 DRAWN BY: RYAN PARENTE 722 US-1 #1 00.00.00 33407 SCALE: AS NOTED #1 00.00.00 TEQUESTA, FL 33469 ALL ELECTRICA TO BE U.L. LISTE CUSTOMER APPROVAL: 561-840-6382 DATE DRAWN: X

- 1. THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014).
- MPH, V(asd) = EXPOSURE 'C', RISK CATEGORY I, USING THE 'SOLID FREESTANDING WALLS AND SOLID FREESTANDING SIGNS METHOD'. 0% OPEN USED IN CALCULATIONS. (V/asd=V/ult \*\0.6)
- ALL ALUMINUM POST MEMBERS SHALL BE ALUMINUM ALLOY TYPE 6063-T6 MIN.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AND
- STEEL REINFORCEMENT: ALL REINFORCEMENT SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO CURRENT REQUIREMENTS OF ASTM A615, GRADE 60 (U.N.O.), FREE FROM OIL, LOOSE SCALE AND RUST. REINFORCEMENT SHALL BE BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE "ACI DETAILING MANUAL" AND ACI 318. ALL STEEL SHALL BE SECURELY HELD IN PLACE DURING POURING OF CONCRETE. IF REQUIRED, ADDITIONAL BARS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS. MINIMUM 3" EDGE DISTANCE FROM ANY CONCRETE FACE FOR ALL BARS UNLESS OTHERWISE NOTED IN THE DRAWING.
- INTEGRITY AND CERTIFICATION OF THE ATTACHMENT OF THE SIGN TO THE FRAMING
- SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS
- THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE. INFORMATION CONTAINED HEREIN IS BASED ON CONTRACTOR-SUPPLIED DATA AND MEASUREMENTS, ENGINEERING EXPRESS SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN. WORK SHALL BE FIELD VERIFIED BY OTHERS PRIOR TO CONSTRUCTION. ENGINEERING EXPRESS SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO REEVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED
- 10. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR



DISCONNECT SWITCH - AT BASE OF SIGN, TIMECLOCK AT PANEL ROOM MAXIMUM LOAD - 16 AMPS 120 VOLTS PER CIRCUIT MAXIMUM CIRCUIT SIZE

BALLAST SHALL HAVE INDEPENDENT U.L. APPROVAL (FUSED WHERE REQUIRED) ALL INSTALLATIONS SHALL BE IN COMPLIANCE WITH N.E.C. AND STATE COUNTY

ALL SIGNS SHALL BE BONDED TO BUILDING EQUIPMENT BONDING CONDUCTOR



(FAX) 561-840-6385

09.01.17

DATE: X