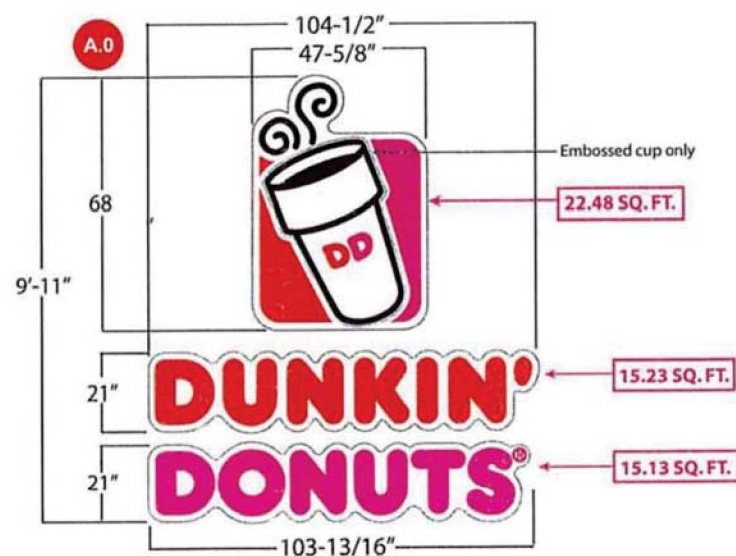
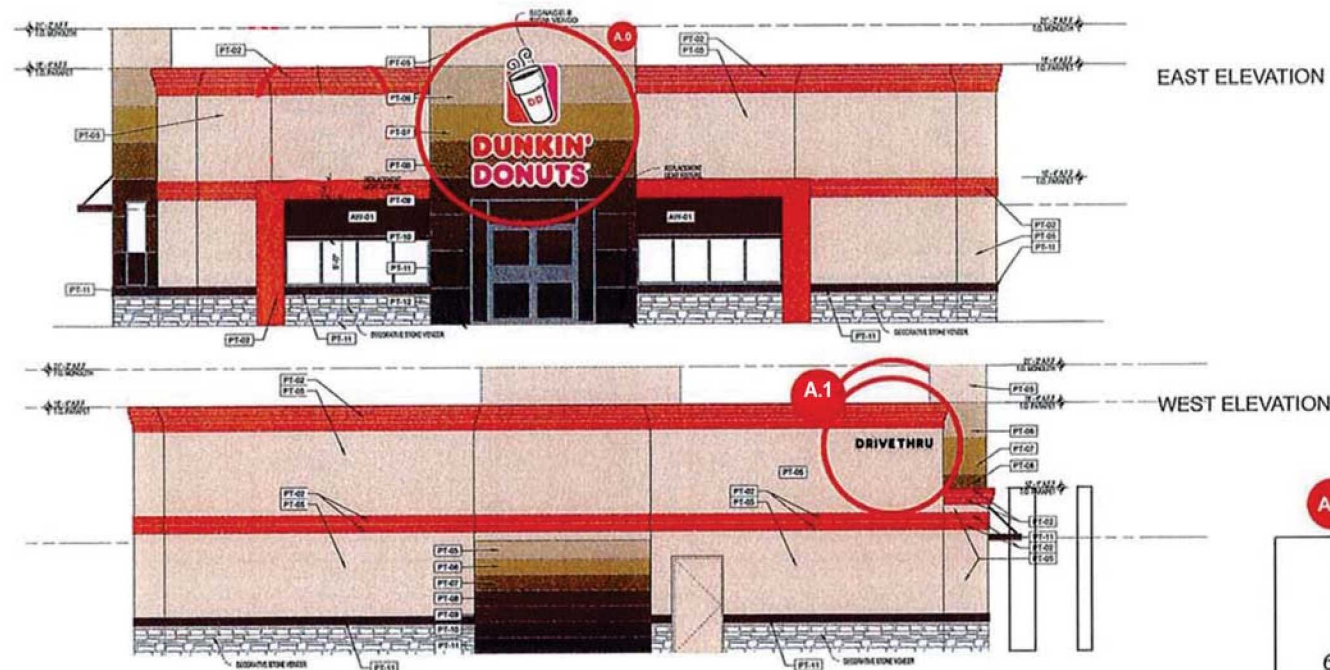
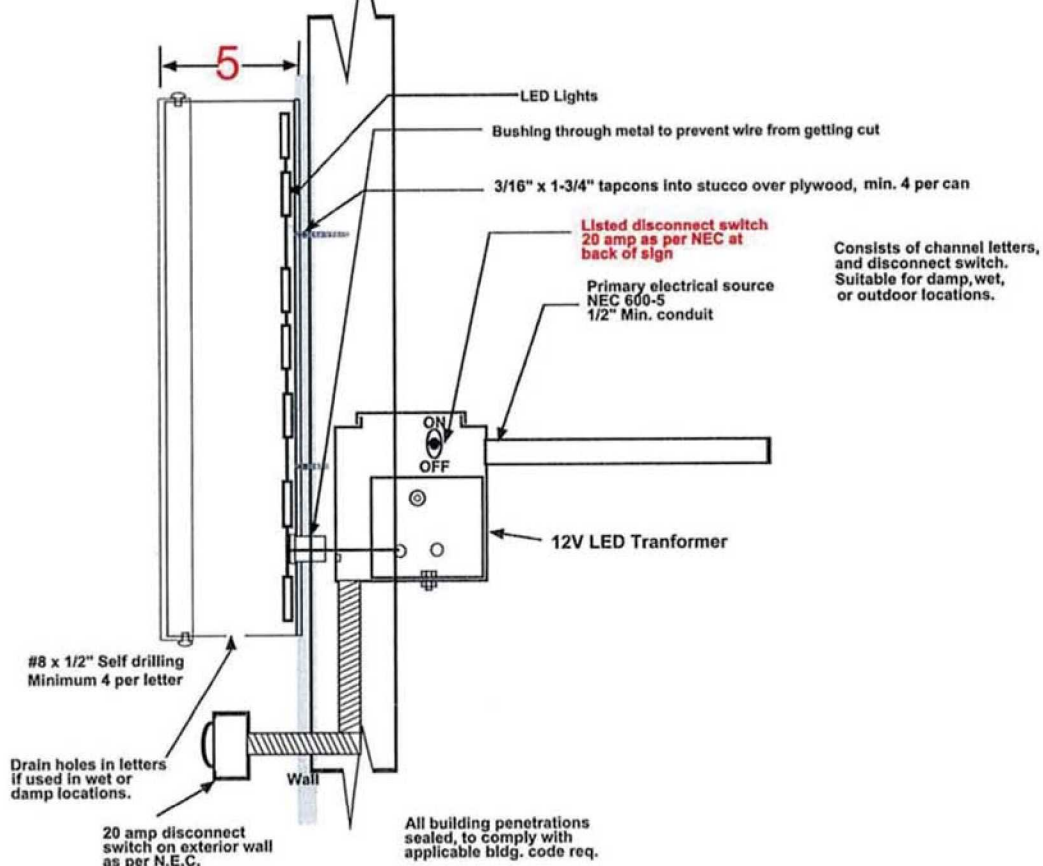
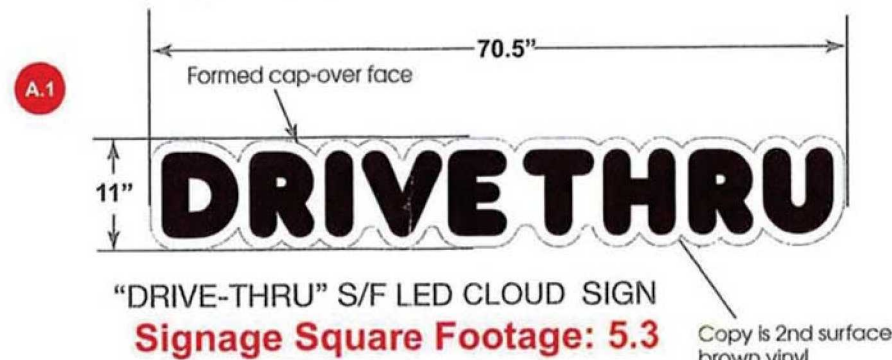


**A.0 DUNKIN DONUTS W/LOGO** **A.1 DRIVE-THRU LETTERS**



**Signage Square Footage: 52.84**



- 1) USING THE SOLID SIGN METHOD.  
Vult= \_\_\_ MPH, Vasd= \_\_\_ MPH EXPOSURE 'C'  
 $Q_z = 0.00256 \cdot K_h \cdot K_{zt} \cdot K_d \cdot G = \pm 0.85$   
 $K_d = 0.85, K_{zt} = 1.0, K_h = \text{ASCE 7-10 TABLE 6.3}$
- 2) **ANCHORS** TO BE ITW BUILDDEX, ELCO TAPCON, POWERS, RAWL, OR MFR. RATED EQUAL. 10x ANCHOR DIAMETER SPACING IS REQUIRED BETWEEN ANCHORS AND EDGE OF CONC. MIN. IF UNSPECIFIED, A 24" MAX O.C. SPACING OF ANCHORS SHALL BE USED, 4" FROM EACH END OR CORNER.
- 3) WOOD ANCHORS TO BE NON-CORROSIVE GRADE 2 OR GRADE 5 LAG BOLTS OR EQ, 3/4" MIN. ED.
- 4) THROUGH BOLTS SHALL BE FITTED WITH A 1" MIN. WASHER & DOUBLE NUT U.N.O.
- 5) MINIMUM EMBEDMENT DEPTH DOES NOT INCLUDE STUCCO, FINISHES, OR SHIM SPACING. STRUCTURAL BOLTS TO BE A-325, GRADE 5. A 2" MAX EXPOSED SHANK IS TO BE USED U.N.O.
- 6) **MATERIAL:** ALL ALUMINUM IS TO BE 6063 T-6 OR BETTER.
- 7) #2 PT SOUTHERN YELLOW PINE MINIMUM USED IN ALL WOOD CALCULATIONS.
- 8) HOST STRUCTURE IS BY OTHERS AND SHALL BE DESIGNED TO CARRY LOADS BY PROPOSED SIGN.
- 9) THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALUMINUM MEMBERS FROM DISSIMILAR METALS TO PREVENT ELECTROLYSIS.
- 10) ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS.
- 11) USE OF THIS DOCUMENT CONSTITUTES ACCEPTANCE OF THE PROPOSED SYSTEM LAYOUT, COMPONENTS SELECTED, AND INSTALLATION REQUIREMENTS.
- 12) ALL ELEMENTS OF THIS DESIGN SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. ENGINEERING EXPRESS SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO RE-EVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS.
- 13) SEALANT AND WATER PROOFING SHALL BE APPROVED BY OTHERS AND IS NOT IN THIS CERTIFICATION.
- 14) THIS ENGINEER HAS NOT VISITED THE JOB SITE. DESIGN IS BASED ON CONTRACTOR SUPPLIED DATA. IF ANY FIELD CONDITIONS THEN SPECIFIED HEREIN, THIS ENGINEER SHALL BE NOTIFIED & GIVEN THE OPPORTUNITY FOR FURTHER ANALYSIS

**ENGINEERING EXPRESS®**  
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— ENGINEERINGEXPRESS.COM  
CERT OF AUTH #9885

VALID FOR 1 PERMIT ONLY U.N.O.  
VALID ONLY WITH ORIGINAL ENGINEER SEAL

GORDON M DIBATTISTO, PE  
PE# 82328

**CHANNEL LETTER ELECTRICAL NOTES**

Primary wire size - #12 THWN  
Disconnect switch - at base of sign, 20 amp single pole, Astronomical time-clock at panel room with Photocell.  
Maximum load - 16 amps 120 volts per circuit maximum circuit size 20 amps per NEC 600-6A  
Power supply: 120v-277 Multi Volt 60W 12v DC  
Illumination: Blue-View Optic LED .05 Amp Per Module  
Conduit - minimum 1/2"  
Total sign load - 12 amps 120 volts  
Total sign circuits - 1  
All components shall be U.L. approved  
Ballasts shall have independent U.L. approval (fused where required)  
All installations shall be in compliance with N.E.C. and state, county, or local codes  
All signs shall be bonded to building equipment bonding conductor per N.E.C. 250



1740 HILL AVENUE  
WEST PALM BEACH, FL.  
33407  
561-840-6382  
(FAX) 561-840-6385

CUSTOMER:  
DUNKIN DONUTS  
722 US-1  
TEQUESTA, FL 33469

**SALES PERSON:**

DRAWN BY: RYAN PARENTE  
SCALE: AS NOTED

DATE DRAWN:  
09.01.17



**REVISION:**

#1 00.00.00  
#1 00.00.00  
#1 00.00.00  
#1 00.00.00

**CUSTOMER APPROVAL:**

☒

**DATE:**

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