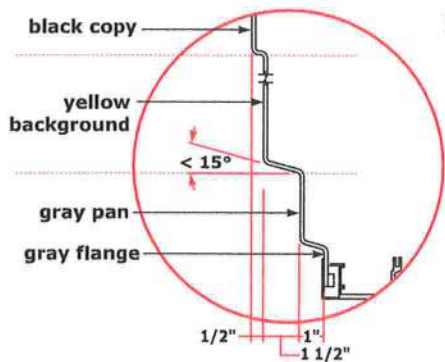
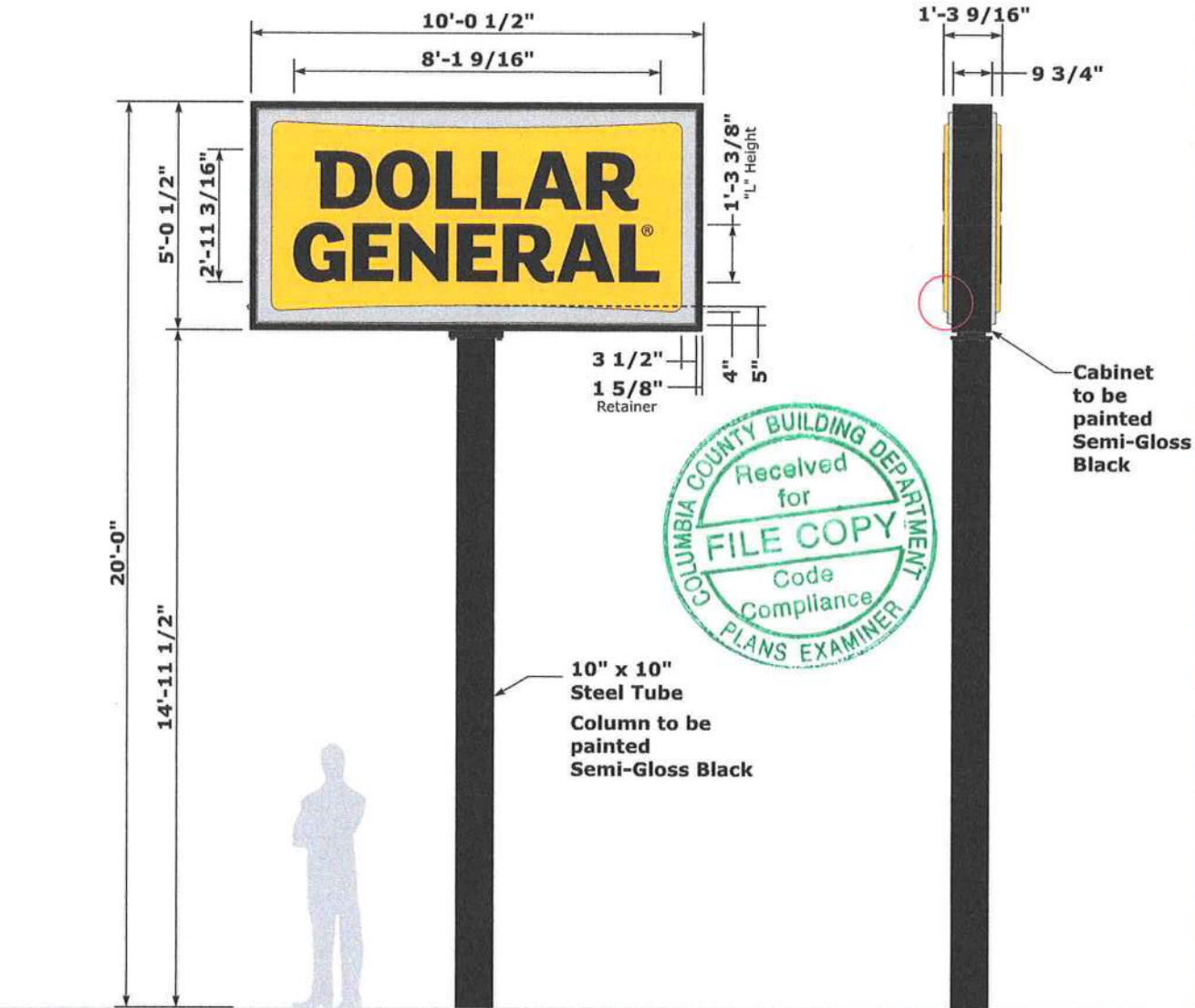


DOLLAR GENERAL

5'-0 1/2" x 10'-0 1/2" PYLON
HIGH WIND LOAD

P50 HWL



FACE EMBOSSEMENT DETAIL

SQUARE FOOTAGE
ACTUAL
50.63 sq. ft.

COLOR SPECIFICATIONS	
Yellow:	match Spraylat C8-2633
Brushed Aluminum:	match Spraylat FM-171
Black (Copy):	match Spraylat Black
Semi-Gloss Black (Metal):	match Black Polyurethane
Cool Gray:	match PMS Cool Gray 5
Rock Bottom Gray:	match Sherwin Williams SW7062
Green:	match PMS 368C

**DOLLAR
GENERAL**

File Name: Dollar General Cutsheets 2013

Project #: 13-0181

Page 6 of 33

Date: 08/30/2013

Approved By:



135 SOUTH DAVID LANE
KNOXVILLE, TN 37922
OFFICE: 865-539-4001
FAX: 865-539-0851
WWW.LINKENGR.COM

EnCon Services, Inc.
Sign Design Calculations

Job Description
DOLLAR GENERAL DG23068
4367 SW CR242
LAKE CITY, FL 32024
5 x 10 @ 20'-0" pole sign
Design per Florida Building Code, 7th Edition (2020), Section 16 Wind Load,
ASCE 7-16, Load Case: D + 0.6W

PREPARED BY: EnCon Services, Inc.
P.O. Box 3613
Apollo Beach, FL 33572
813-655-3373
FLEB #9394
Nathan P. Presnell, PE 77696
DATE SIGNED: 10/6/2021

Risk Category II

Kzt	1
Exposure	C
Kd	0.85
Kz	0.9
V	120 mph
Cf	1.80
G	0.85
Number of Poles	1
Wind Pressure (PSF)	43



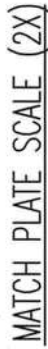
Sign	Area (sf)	Distance to Center (ft)	P = Force (lb)	Moment (ft-lb)
Top	50.60	17.48	1310	22899
Poles	12.42	7.48	321	2404
Totals			1,631	25,303

Required Flexural Strength (kip-ft)	25.3 per pole
Provided Flexural Strength (kip-ft)	86.1 HSS 10 x 10 x 5/16 A500 B Steel

Base Design

Number of Bases	1
Diagonal B (FT)	3.00
Lateral soil pressure (LB/SF/FT)	150
Depth (Estimated) (FT)	9.75
S1	975
Design Depth (FT)	5.39 Ft

Base Size Required
9.75 FT Deep
3.0 FT Diameter



REVISIONS							
A	RELEASED TO INSTALL		09-17-13	RHB	-		
REV.	DESCRIPTION		DATE	BY	ECN		

POLE WEIGHT = 1019 LBS.



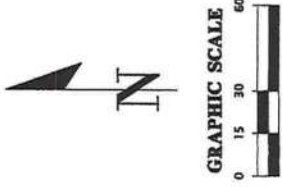
NATHAN P. PRESNELL, PE 77696
DATE SIGNED: 10/6/2021

 Everbrite 4949 SO. 110TH ST. P.O. BOX 20020 GREENFIELD, WI 53220 414-529-3500	DOLLAR GENERAL DG23068 4367 SW CR242 LAKE CITY, FL 32024	DWG TITLE: 14'-11 1/2" EXPOSED POLE	DWG NO.: PP2935780B	SCALE: 1:10	DATE: 09-16-13 DATE: 09-17-13
ENCON SERVICES, INC. PO BOX 3613 APOLLO BEACH, FL 33572 813-655-3373, FLEB #9394	14-11 1/2" EXPOSED POLE 24'-2 1/2" TOTAL POLE LENGTH	14-11 1/2" EXPOSED POLE 24'-2 1/2" TOTAL POLE LENGTH	REV.: A		

23068 Lake City, FL - SR 247
 Prototype: 9100D
 Acreage: 3.07
 Parking: 30

APPROVED
By Sarah James Myatt at 11:15 am, May 26, 2012

Concept Development, Inc.
Brian Crawford
352-333-3233



CONCRETE SIDEWALK	STANDARD DUTY CONCRETE PAVEMENT	HEAVY DUTY CONCRETE PAVEMENT	STANDARD DUTY ASPHALT	HEAVY DUTY ASPHALT	FOOT SHOULDER PAVEMENT	FOOT PAVEMENT
						

REFER TO SHEET C2.30 FOR PAVEMENT DETAILS

STRIPPING NOTES	
YELLOW CURBING AND BOLLARDS PARKING LOT	SURFACES SHOULD BE CLEAN, DRY AND METAL SURFACES FREE OF HEAVY RUST 2 COATS SHERWIN WILLIAMS - REM 4000 ACRYLIC ALKID ENAMEL, SAFETY YELLOW R557-900
STRIPPING - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY, TOP COAT SHERWIN WILLIAMS - PRO MARK TRAFFIC MARKING PAINT WHITE
HANDICAP PARKING LOT	SURFACES SHOULD BE CLEAN, DRY, TOP COAT SHERWIN WILLIAMS - PRO MARK TRAFFIC MARKING PAINT "1-C" BLUE

NOTES:

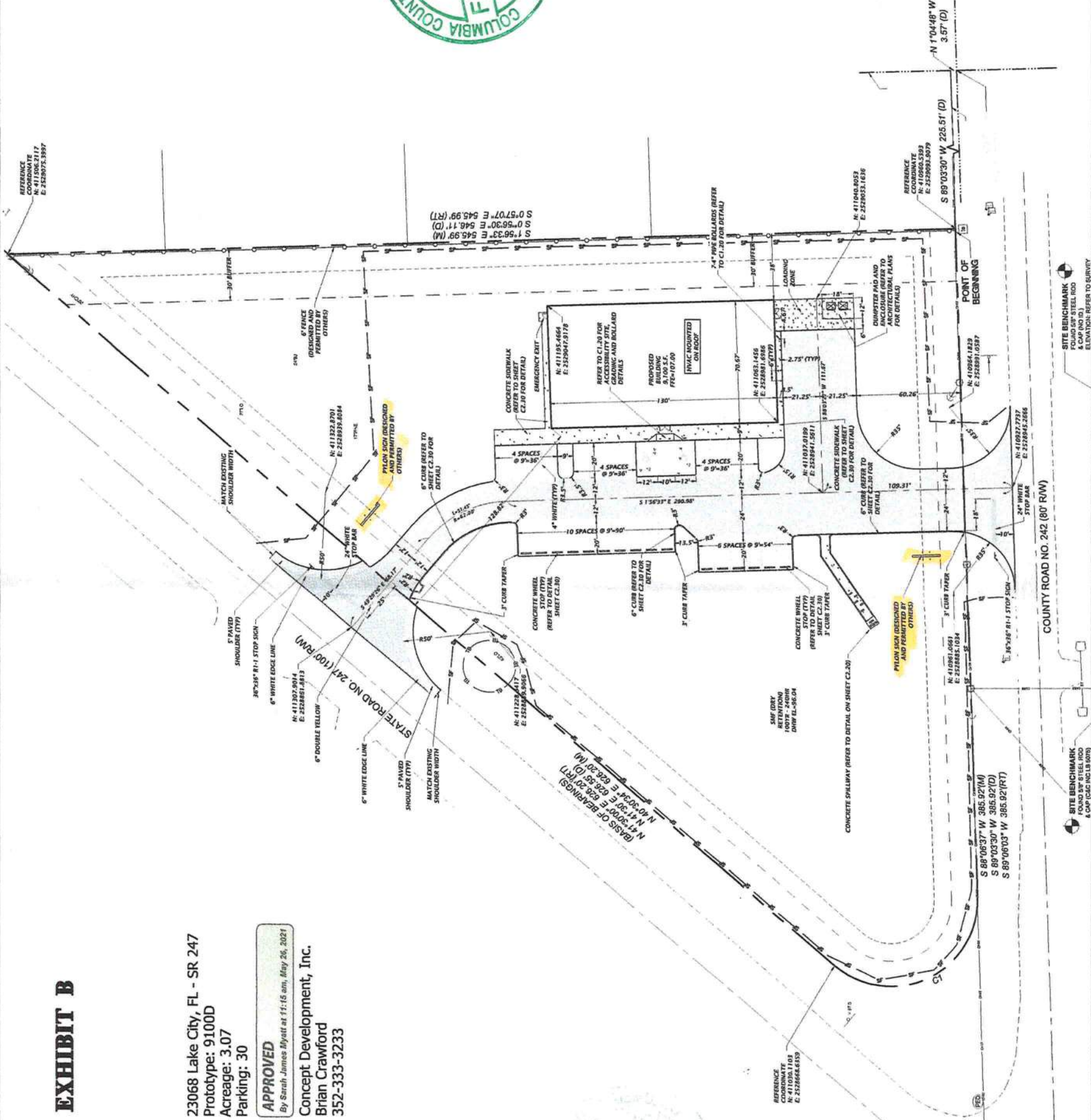
1. SEE SURVEY FOR BENCHMARK ELEVATIONS, LOCATIONS, AND DESCRIPTIONS.
2. CONTRACTOR SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER.
3. ALL ELEMENTS THAT ARE PLACES OF PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES ON THE SITE INCLUDING ACCESSIBLE ROUTES AND PARKING SHALL BE CONSTRUCTED TO MEET THE 2010 AMERICAN WITH DISABILITIES ACT, FLORIDA IMPLEMENTATION ACT, ADA STANDARDS FOR ACCESSIBLE DESIGN, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION AND THE FAIR HOUSING ACT, WHERE APPLICABLE.
4. STOP SIGN SUPPORT MUST BE 2'-2" SQUARE POST, 14 FT. 14 GAUGE, 1 LB5/FT.

CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	115.09 (M) 115.59 (F)	50.07 (M) 50.07 (F)	131°55'59" (M) 132°28'30" (F)	91.31' (M)	N 25°42'35" W (M) N 24°14'09" W (F)

(M) = DATA BASED ON FIELD MEASUREMENTS
(O) = DATA BASED ON FURNISHED DESCRIPTION
(N) = DATA BASED ON OFFICE ROTATION (SEE NOTE BELOW)
(P) = DATA BASED ON SADDLE RIDGE SUBDIVISION
RECORDED IN PLAT BOOK 5, PAGE 67.

NOTE:

NOTE:
HORIZONTAL DATUM SHOWN HEREON IS BASED ON
NORTH STATE PLANE COORDINATE SYSTEM NAD
83, NORTH ZONE. ANY ROTATED BEARINGS "RTD"
SHOWN HEREON HAVE BEEN ROTATED CLOCKWISE
DUNES FROM GRID BEARINGS TO MATCH
FURNISHED DESCRIPTION BEARING OF NORTH
LINE 30.00' EAST FOR THE EASTERLY RIGHT OF WAY
OF STATE ROAD NO. 247.



COUNTY ROAD NO. 242 (80' R/W)

SITE BENCHMARK
FOUND 5" STEEL ROD
& CAP (C/C INCL 1.8 5075)

 SITE BENCHMARK
FOUND 5/8" STEEL ROD
& CAP (NO ID.)
ELEVATION: REFER TO SURVEY

Received for
FILE COPY
Code Compliance
PLANS EXAMINER
COLUMBIA COUNTY BUILDING DEPARTMENT

Must match County Approved site plan