

THOMAS

SIGN & AWNING CO INC

4590 118TH Avenue North
Clearwater, Florida 33762

800-526-3325

www.thomassign.com

CLIENT

STOP&SHOP.

Design Number:

87725

Installation Address:

390 Broadway
Dobbs Ferry, NY

Project Identity Number:

88406

Sales Associate: Project Team:

BB

BB

Designer:

MBV

Date:

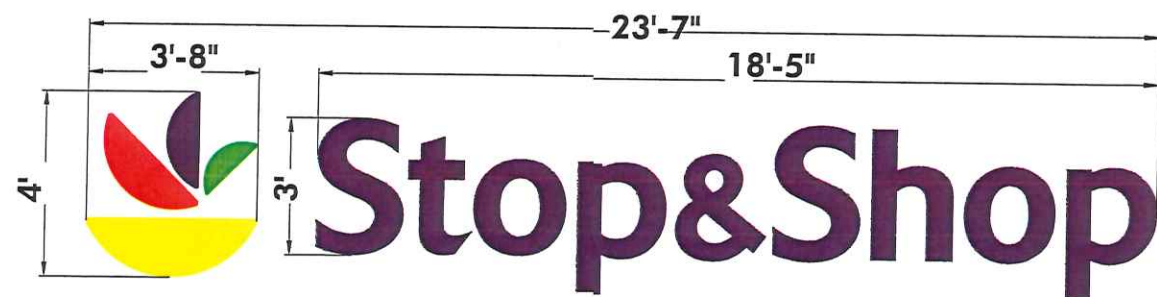
04.23.20

Project Updates:
05.05.20 MBV - Rmvd notes, added sq ft
chart



Existing Elevation

NTS



Back Lit Channel Letters

NTS

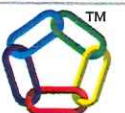


Carved Sign Foam sign

NTS



THIS ARTICLE IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 800 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN.



3MTM MCSTM Warranty

Approval:

☐ Approved
DATE:

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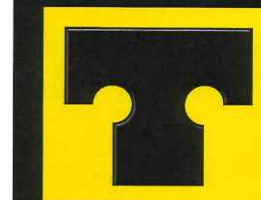
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Local: 727-573-7757
Fax: 727-573-0328

EXISTING		
FRONT	LOGO 4' X 3'-9"	15 SQ FT
FRONT	LETTERS 3' X 18'-5"	55 SQ FT
FRONT	WELCOME 1'-10" X 7'-2" (2X)	26.28
FRONT	x	x
FRONT	x	x
FRONT	x	x
TOTAL SQ FT: 96.28		



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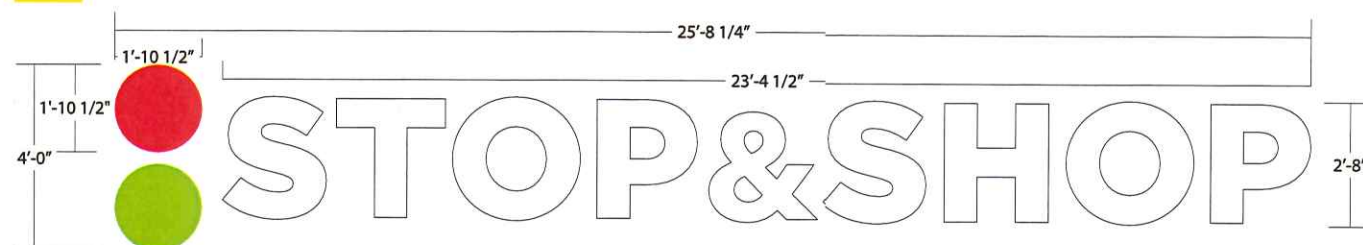
Date:

04.23.20

Project Updates:
05.05.20 MBV - Added color call outs, sq ft
chart, color ref
05.06.20 MBV - Updated CL size



Proposed Elevation



Channel Letter Set

Scale: 1/4"=1'-0"



Acrylic Tagline

Scale: 1/4"=1'-0"

EXISTING		
FRONT	LOGO 4' X 1'-10 1/2"	7.5 SQ FT
FRONT	LETTERS 2'-9" X 24'-1 1/4"	62.22 SQ FT
FRONT	TAGLINE 20'-9 1/4" X 1'-2"	24.23 SQ FT
FRONT	x	x
FRONT	x	x
FRONT	x	x
TOTAL SQ FT: 93.95		

COLOR REFERENCE	
PT 86	SW-22
PT 87	SW-23
PT 88	SW 6991 BLACK MAGIC
	SW 7005 PURE WHITE



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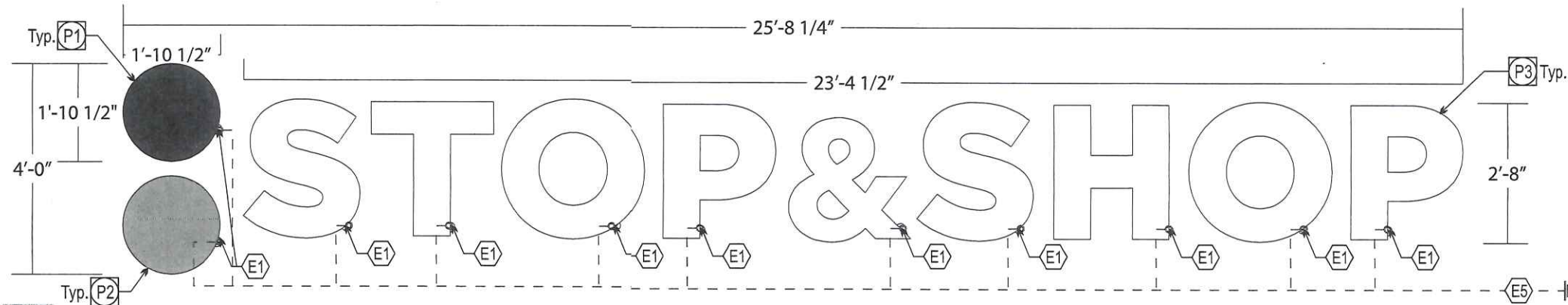
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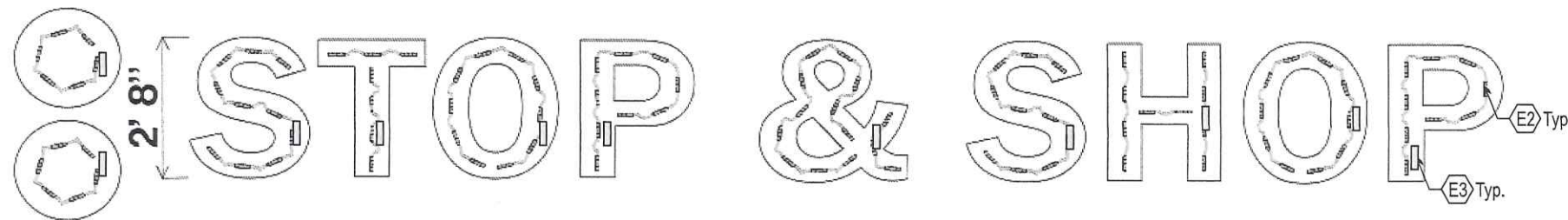
1 of 2

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Channel Letter Set

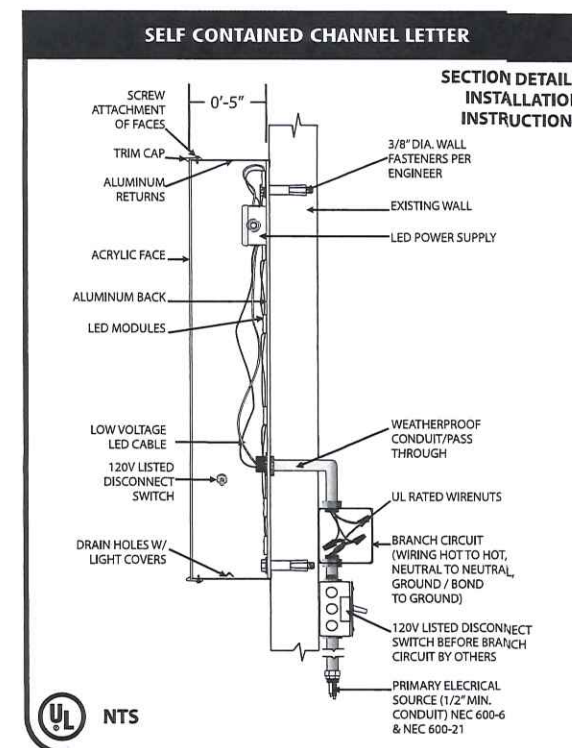
Scale: 3/8"=1'-0"



Description	Name	Quantity	
GEPM2471-W1	PowerMAX 71K (24V)	101 Modules	67 Ft
GEPS24-25U-NA	25W - 24V (NA)		11 Ea

E4 LED Layout

NTS



THE LOCATION OF THE DISCONNECT SWITCH AFTER INSTALLATION SHALL COMPLY WITH ARTICLE 690.9(A) (1) OF THE NATIONAL ELECTRICAL CODE.

TOTAL SQFT = 102.75

PART # ADCL32SCL

ESTIMATE # 174057

MATERIAL FOR LED LOGOS

BACKS: .063\" PRE FINISHED WHITE
 RETURNS: .040\" PRE FINISHED WHITE DEPTH: 5\"
 FACES: .177\" #2447 MILK WHITE ACRYLIC
 TRIM CAP: 1\" JEWELITE
 L.E.D.: GE TETRA POWERMAX WHITE
 WALL FASTENERS: PER ENGINEER
 RACEWAY: N/A
 GRAPHICS: VINYL

COLOR FOR LED LOGOS

FACES: NOTED
 RETURNS INT: PRE FINISHED WHITE
 RETURNS EXT: PAINT TO MATCH 3M 3630 - 78 VIVID ROSE - TOP DOT
 RETURNS EXT: PAINT TO MATCH 3M 3630 - 106 BRILLIANT GREEN - BTM DOT
 TRIM CAP: PAINT TO MATCH 3M 3630 - 78 VIVID ROSE - TOP DOT
 TRIM CAP: PAINT TO MATCH 3M 3630 - 106 BRILLIANT GREEN - BTM DOT
 L.E.D.: WHITE
 RACEWAY: N/A

MATERIAL FOR LED CHN. LETTERS

BACKS: .063\" PRE FINISHED WHITE
 RETURNS: .040\" PRE FINISHED WHITE DEPTH: 5\"
 FACES: .177\" #7328 WHITE ACRYLIC
 TRIM CAP: 1\" JEWELITE
 L.E.D.: GE TETRA POWERMAX WHITE
 WALL FASTENERS: PER ENGINEER
 RACEWAY: N/A
 GRAPHICS: N/A

COLOR FOR LED CHN. LETTERS

FACES: NOTED
 RETURNS INT: PRE FINISHED WHITE
 RETURNS EXT: PAINT TO MATCH PMS COOL GREY 10 C
 TRIM CAP: WHITE
 L.E.D.: WHITE
 RACEWAY: N/A

FONTS USED

1) CUSTOMER SUPPLIED ART

VINYL COLOR

1) 3M U3620-20 - 1ST SURFACE - 1ST LAYER
 2) 3M 3630-78 VIVID ROSE 1ST SURFACE - 2ND LAYER
 3) 3M 3630-106 BRILLIANT GREEN-1ST SURFACE - 2ND LAYER

PAINT COLOR

1) PAINT TO MATCH 3M 3630 - 78 VIVID ROSE - PMS 2036C - RETURNS + JEWELITE
 2) PAINT TO MATCH 3M 3630 - 106 BRILLIANT GREEN - PMS 368C - RETURNS + JEWELITE
 3) PAINT TO MATCH PMS COOL GREY 10 C - RETURNS

ELECTRICAL NOTES

1) WEATHERPROOF DISCONNECT SWITCH
 2) LED'S
 3) LED POWER SUPPLY
 4) SIGN IS WIRED AS IS ON SCHEMATIC FOR POWER SUPPLY
 5) PRIMARY ELEC. 6\" WHIP



ELECTRICAL SPECIFICATIONS

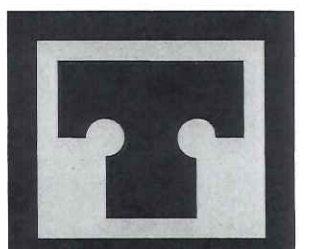
LED MODULES= 101	110 VOLT INPUT		AMP. INPUT
	SECONDARY VOLTS	WATTS	
GE TETRA TRANSFORMER	24	100	1.1
11 GEPS24-100U			
TOTAL			12.1

(1) 20 AMP-120 VOLT CIRCUIT REQUIRED



PER 2014 NATIONAL ELECTRIC CODE

ALL ELECTRICAL COMPONENTS WILL BE UL LISTED AND APPROVED AS PER 2014 NEC 600.3 AND MARKED AS PER NEC 600.4. THE INSTALLATION OF THE WIRING WILL BE DONE AS PER FBC 4505.4 AND DESIGNED TO UL 48. ALL SIGNS WILL BE GROUNDED AND BONDED AS PER NEC 600.7 AND 250.122. A DISCONNECT WILL BE PROVIDED AS PER NEC 600.6.
 PRIMARY ELECTRICAL SOURCE WILL BE SUPPLIED BY CUSTOMER TO WITHIN 6 FEET OF SIGN LOCATION. THIS SIGN WILL BE BUILT AND INSTALLED IN COMPLIANCE WITH 2014 NEC ARTICLE 600, UL AND FBC.
 THIS SIGN IS A UL LISTED ASSEMBLY PER NEC 600.3



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390 Broadway
Dobbs Ferry, NY

Project Identity Number:
88406

Sales Associate: Project Team:

BB BB

Designer: Date:

MBV 05-26-20

Project Updates:
X



Underwriters Laboratories, Inc.
 LISTING E89514
ELECTRIC SIGN
 COMPLIES TO UL 48

THIS ARTICLE IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN.



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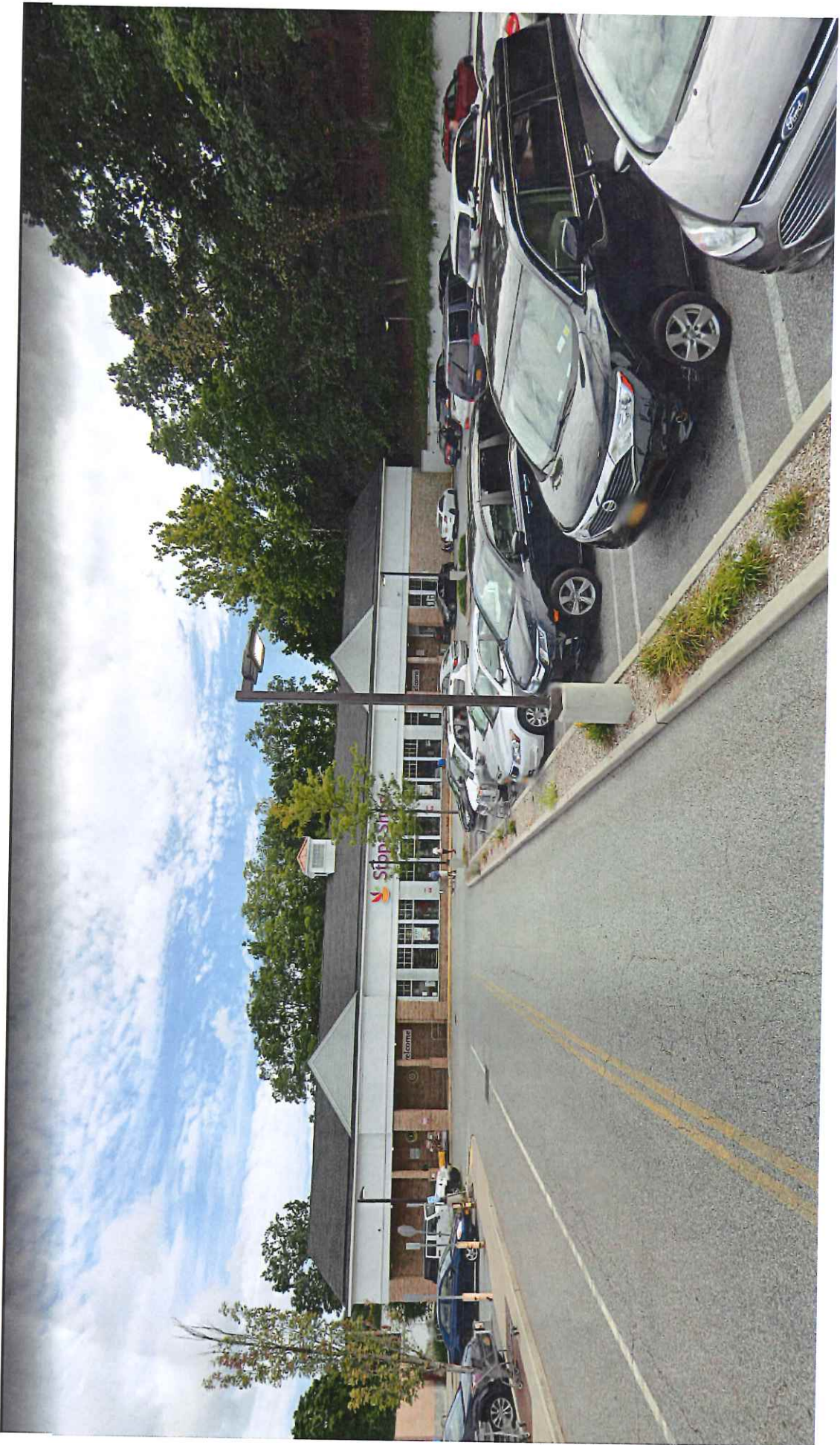
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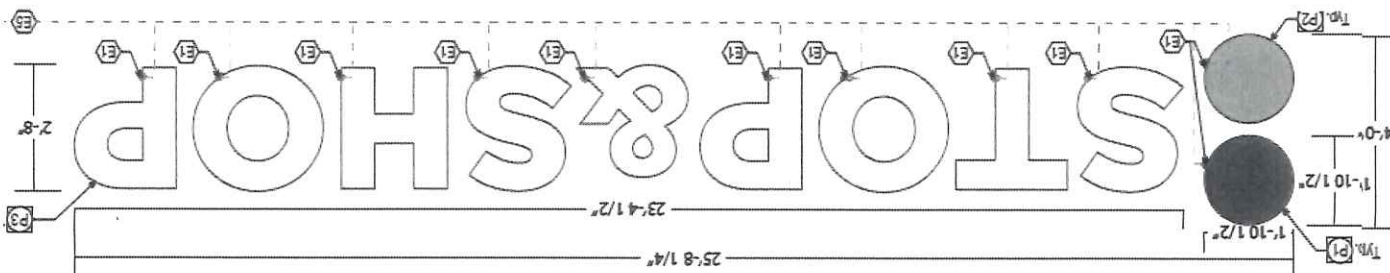
Name: Thomas Sign

Project: Stop & Shop

Wind Speed 115 mph
Mean Height 60 ft

All Wind Loads meet IBC 2015, and IBC 2012

Wind Code ASCE 7-10 Exposure C Risk Category II
Wind Pressure (WP) 32.52 psf
GC(p) = 1.40
Total Pressure = WP*SF 45.53 psf



Connection Notes: For Each Letter & Logo
Use (4) - 3/8" dia. s/s lag screws with a minimum 2" embedment depth into structural blocking. Or use (4) - 3/8" dia. Simpson Sleeve-All anchor bolts with a minimum 1-1/2" embedment depth into structural concrete blocking. Or use (4) - 3/8" dia. s/s threaded thru bolts with minimum 2" square washers into structural 2x4 wood blocking.

Letter Height (in) 2 ft
Letter Width (in) 2 ft
Area 7.1111 sq ft
Number of Bolts 4

Shear Value 160 lbs
Tension Value 240 lbs
Shear per bolt = Area * 10 psf
Tension per bolt = Pressure * Area

Bolt Value=Shear per bolt / Shear Value + Tension per Bolt / Tension Value

17.78 lbs
48.56 lbs

Bolt Value 0.31 < 1.00 O.K.

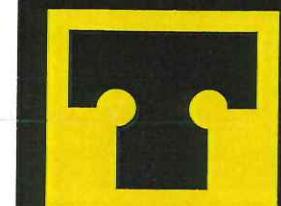
General Notes: Connection design only. All wind load calculations based on code reference section 1609, which references ASCE 7. Shape factor are determined per ASCE 7. If site conditions differ from stated reference contact A S and E, Inc.

Manuel Martinez, PE



6-1-22





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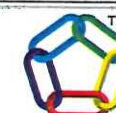
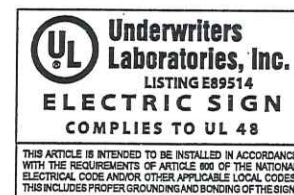
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Project Identity Number:
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Sales Associate: BB Project Team: BB

Designer: MBV Date: 04.23.20

Project Updates:
05.05.20 MBV - Updated logo



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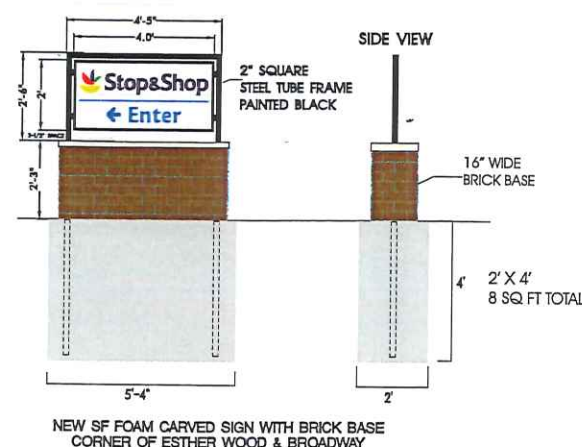
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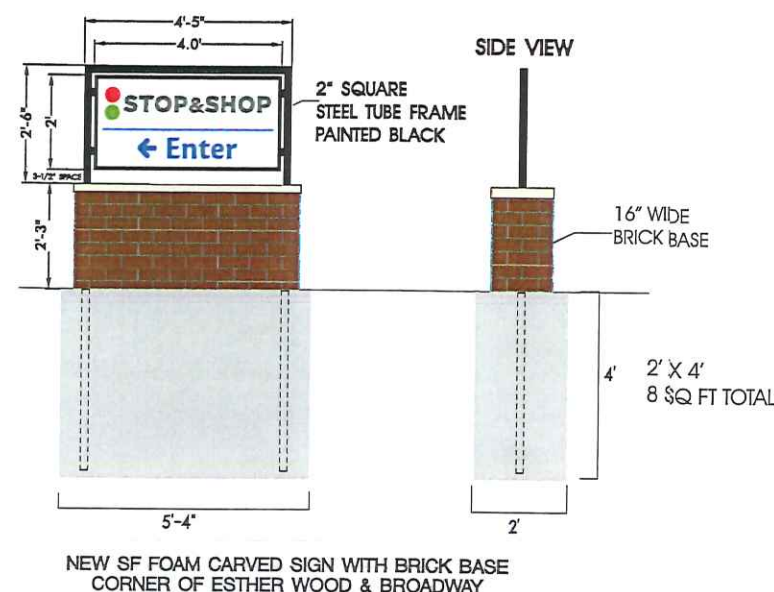
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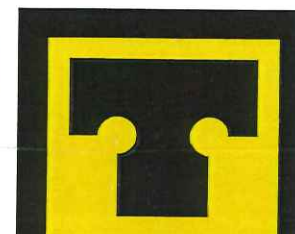
Existing Elevation

Scale: 3/16" = 1' | Total Existing Square Feet: 47.41



Proposed Elevation

Scale: 1/4" = 1' | Total Existing Square Feet: 47.41



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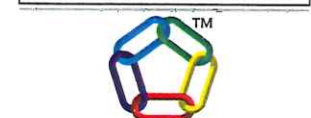
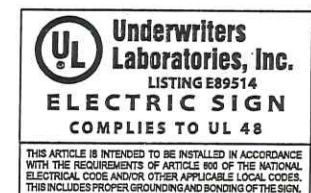
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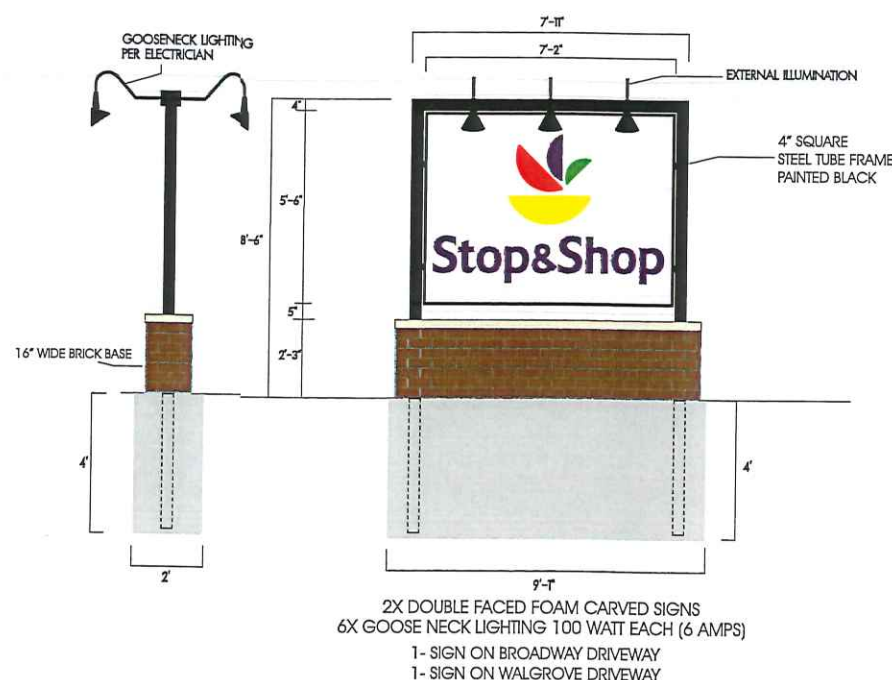
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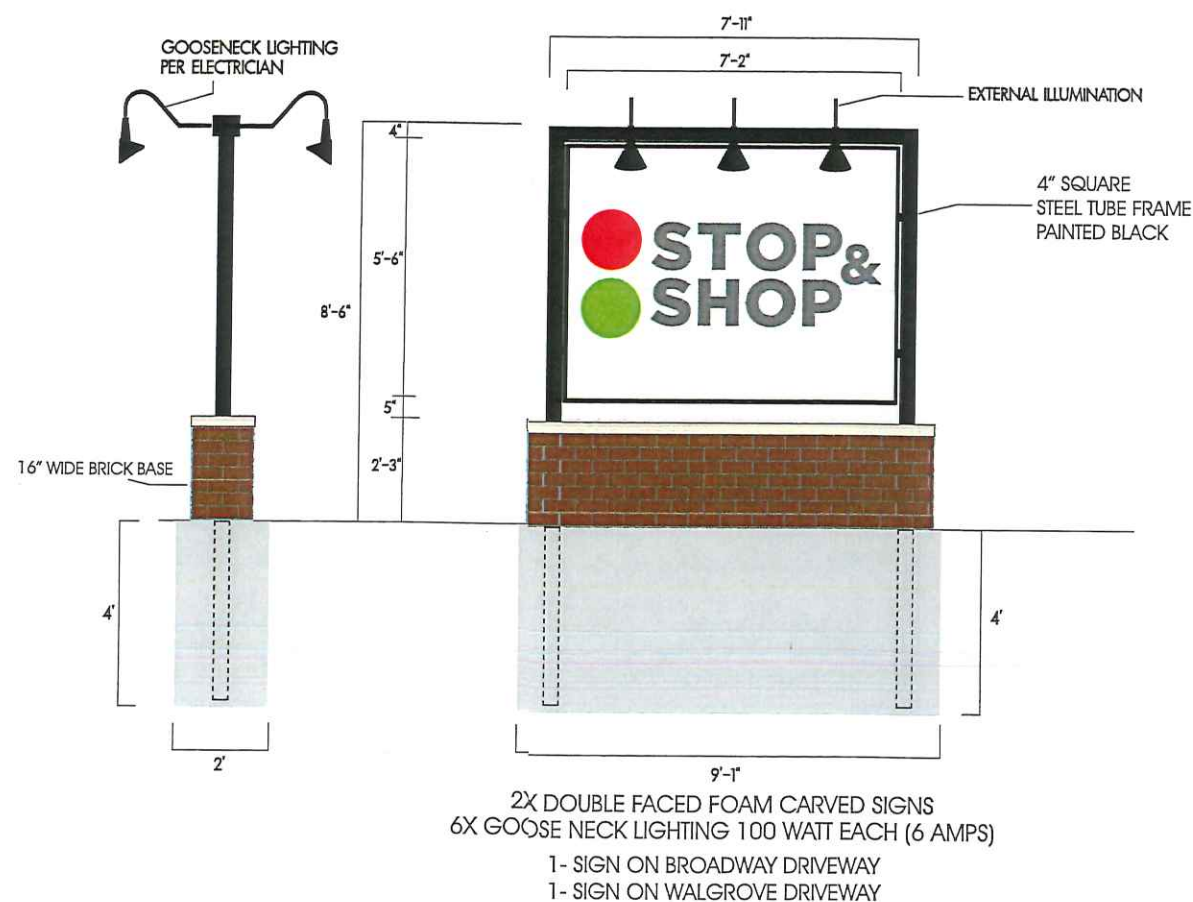
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