U-HAUL®

FACILITY IMAGING

U-Haul Moving & Storage of Southwest Ocala
Imaging & Signage Specifications
833-72, Ocala, FL

ISSUED 02/01/2021

IMPORTANT NOTICE TO U-HAUL MCP/MCO & VENDORS

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U-HAUL FACILITY IMAGING DEPARTMENT

Final Approved Project Work

IMAGING, GENERAL
UMC of "Southwest Ocala"
833072, WEST ELEVATION RENDERING-1.0

Issued 02/01/21
Re-Issued 04/26/24

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Location:	UMC - Southwest Ocala
Street:	6555 SW State Rd 200
City:	Ocala
State / Province:	Florida
Country / Mail Code:	USA / 34476

Designed:	Nicholas Harris	02/01/21
DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.

To enlarge print from 8-1/2" x 11" to 11" x 17" - Set printing page set up to approximately 130%.

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U-HAUL FACILITY IMAGING DEPARTMENT

Final Approved Project Work

IMAGING, GENERAL
UMC of "Southwest Ocala"
833072, EAST ELEVATION RENDERING-1.0

Issued 02/01/21
Re-Issued 00/00/00

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Drawing:	Nicholas Harris	02/01/21
Approved:	Mike Shardy	02/01/21

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DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

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NOTE: You can order metal waves from the system.
Use part number called out below when ordering.

1. Order metal waves, H connectors and L connectors using provided part numbers through the system.
2. Install unistrut system to mount metal waves when necessary (*see diagram*). Wave installation instructions are provided.

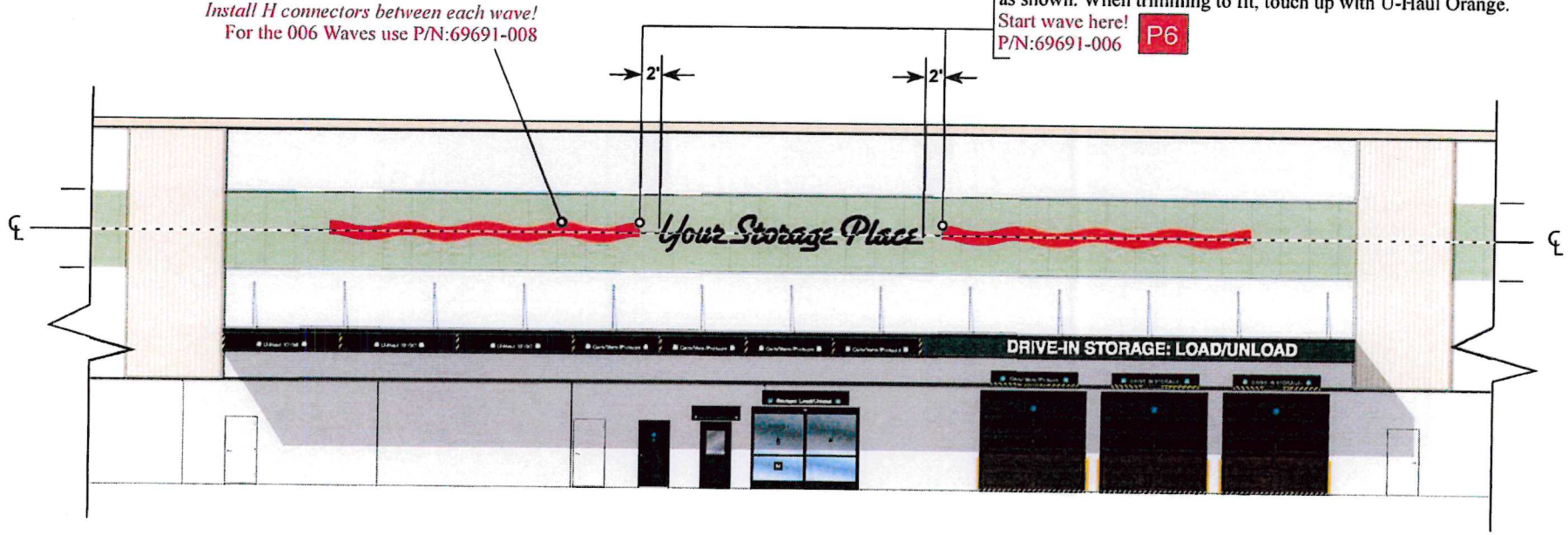
Total wave count for NW elevation

8

DO NOT COVER SIGNAGE!

Install *8*, 8' x 18" metal waves onto NW elevation *view(1)*. Install *H connectors* between each wave, & install 4 on both sides of the YSP as shown. When trimming to fit, touch up with U-Haul Orange.
Start wave here!
P/N:69691-006 P6

Install H connectors between each wave!
For the 006 Waves use P/N:69691-008



1 Northwest Elevation
Bldg A Imaging - Waves

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

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Country / Mail Code:	USA / 34476

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DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

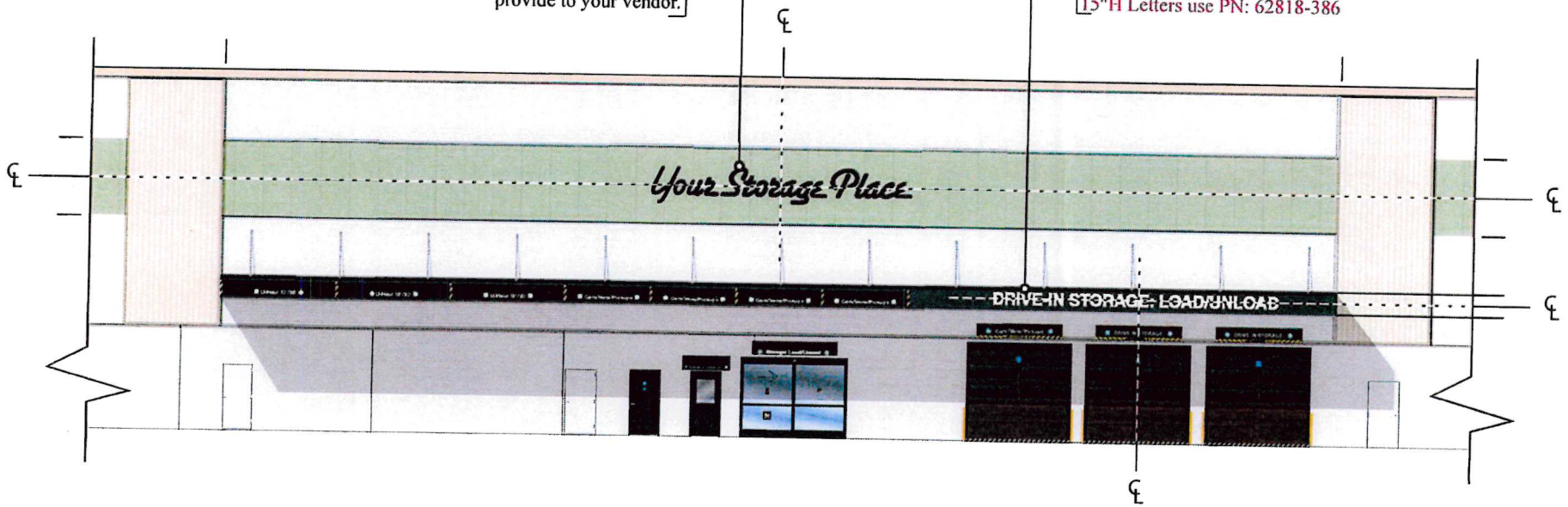
Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.

NOTE: Replacement letters, numbers, and symbols, can be ordered using the program book found on property.uhaul.com > design tab > art department download projects link. Program book STG-3XXX-22927

NOTE: You can order Signage from the system.
Use part numbers listed below when ordering.

Have a local sign vendor install a 11ga. Steel 3'H YSP, gloss black powder coat. Align as shown. Email Nicholas Harris in the UHI Art Department for the correct art to provide to your vendor.

Install (1) White "DRIVE-IN STORAGE: LOAD/UNLOAD" as shown.
15"H Letters use PN: 62818-386



1 Northwest Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

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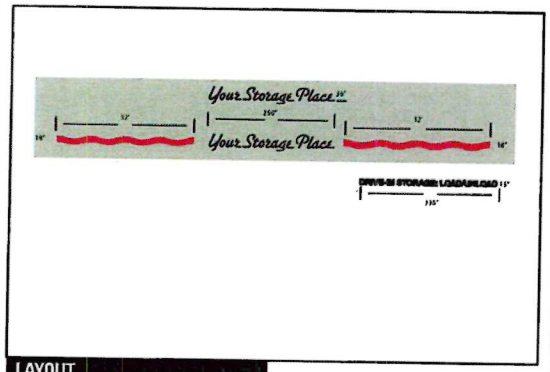
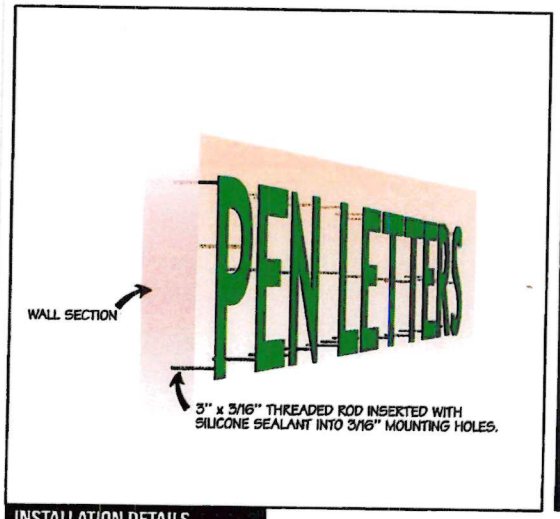
NW ELEVATION BUILDING A SIGN B

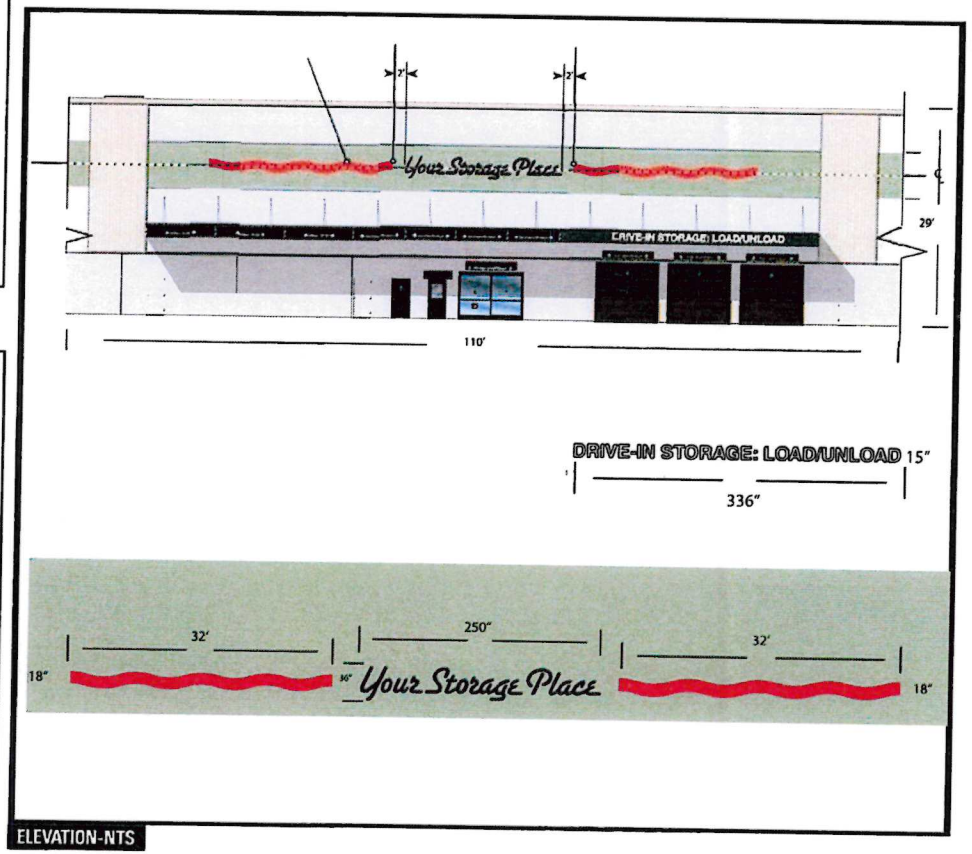
Non Iluminated Pen Letters



LAYOUT



INSTALLATION DETAILS



ELEVATION-NTS

CABINET SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

NON ILLUMINATED PEN LETTERS

A. 15" tall Drive-in Storage Load/ Unload (non illuminated)

B. STANDARD UHAUL COLORS

C. 2 sets of 18" x 32' orange metal waves

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Conforms to the requirements of the 8th Edition (2023) of the Florida Building Code sections 1609 , 3107 and Appendix H, Vult = 140 mph. Exposure category = C, Risk category = B
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlandopeaz.net - Florida registration # 0044089 Job 0125D5 sheet 1 of 2

DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 17:48:16 -05'00'

Job name	Uhaul of Ocala (NW elevation sign B)
Job#	0825DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 1609, 3107 and Appendix H of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: FCO (flat cut out) acrylic 1/4" plate non illuminated letters

Occupancy Category:	II	
Wind velocity (3 sec gust), FBC 2023, section 1609.3:	140	mph
Wind pressure (qz)	50.2	psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets	-1.09	
Wind Pressure	-54.7	psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	1.25	ft
- maximum width of structure to be attached	1.25	ft
- effective projected area factor	0.50	
- projected area of each component to be attached	0.8	ft^2
- wind load	-43	lbs
- allowable tension load per fastener to	50	lbs
- even number of fasteners minimum of 2 =	-2	
- number of fasteners practically required due to structure shape	4	
- weight of structure is approximately	0	lbs
- allowable shear load per fastener to	50	lbs
- average shear load per fastener =	0.1	lbs

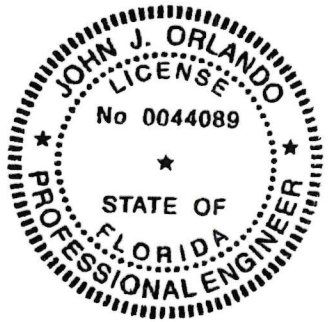
Mounting surface construction is: tbd

Method - Threaded rod (3/16" x 3"aluminum) and GE SCS 2000 silicone adhesive
- allowable tensile load = 50 lbs
https://www.siliconeforbuilding.com/Product-Categories/Weatherseal/GE-SCS2000-SilPruf.aspx

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

John J. Orlando PE LLC 0044089
165 Old Ridge Road
Macon, GA 31211
(478) 731-5394
jjorlando@cox.net



John J Orlando PE Digitally signed by John J Orlando PE
Date: 2025.01.08 17:48:42 -05'00'

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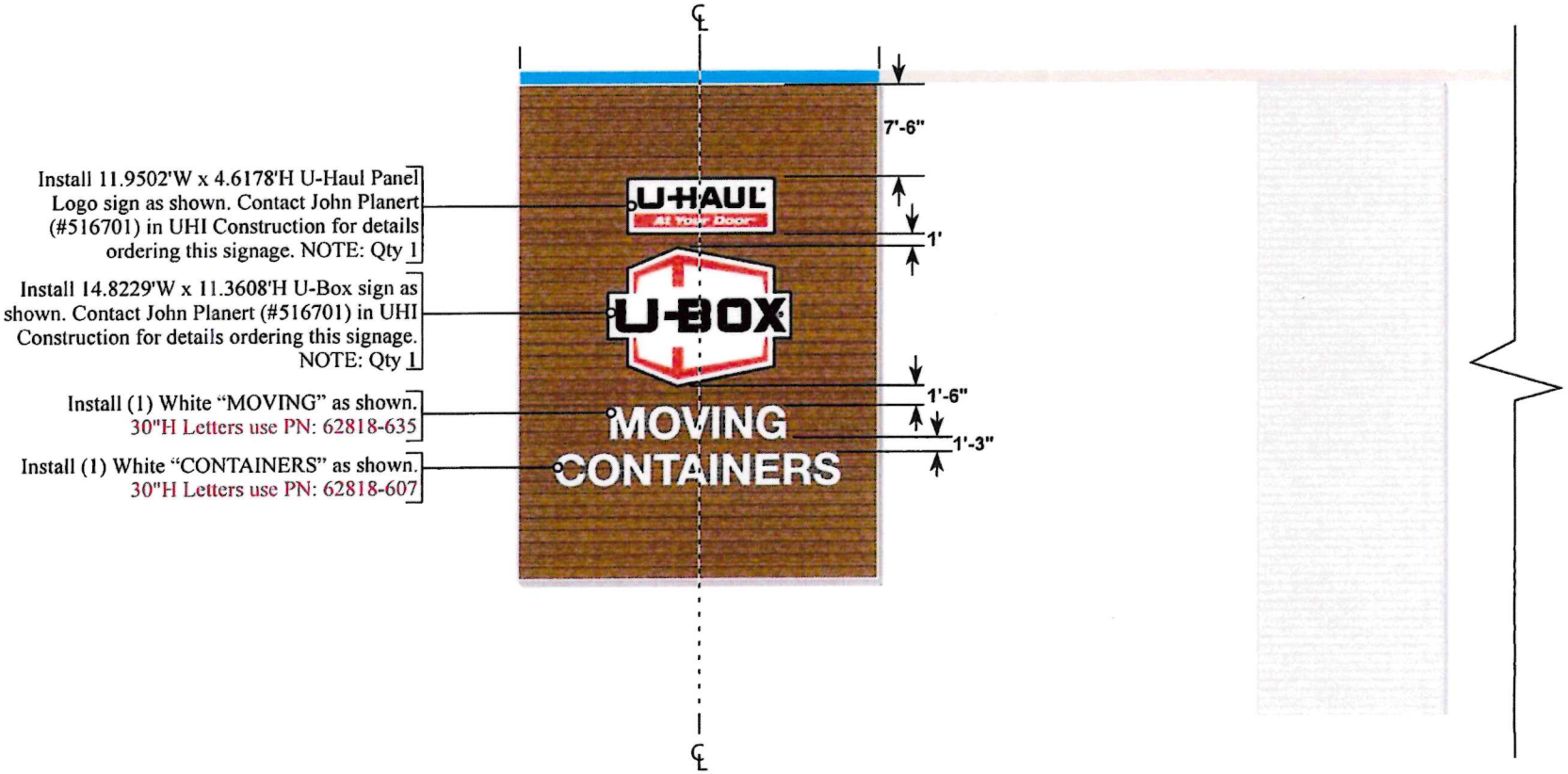
Street:	6555 SW State Rd 200
City:	Ocala
State / Province:	Florida
Country / Mail Code:	USA / 34476

Designed:	Nicholas Harris	02/01/21
DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.

NOTE: Replacement letters, numbers, and symbols, can be ordered using the program book found on property.uhaul.com > design tab > art department download projects link. Program book STG-3XXX-22927

NOTE: You can order Signage from the system.
Use part numbers listed below when ordering.



3 Southeast Elevation
Bldg B Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE 15' 20'

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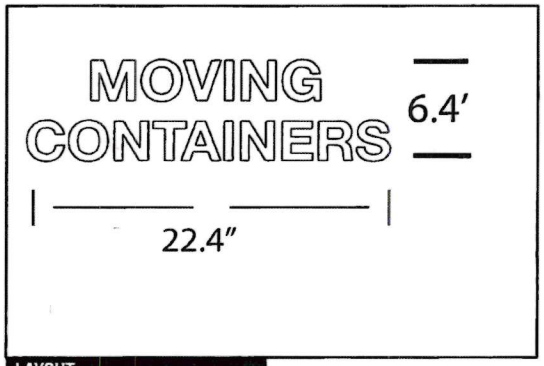
SE ELEVATION BUILDING B SIGN C

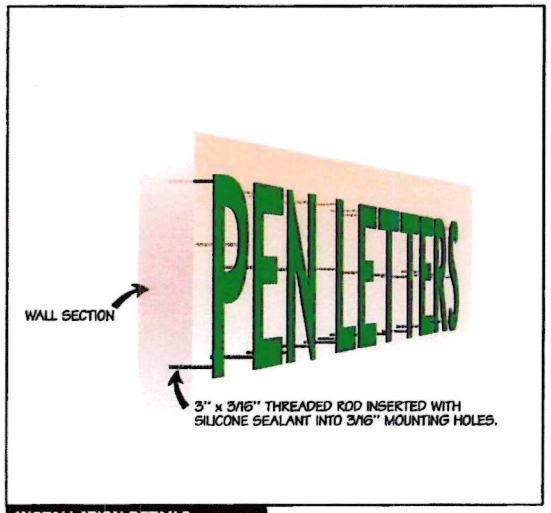
Non Iluminated Pen Letters

DOWLING SIGNS
OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

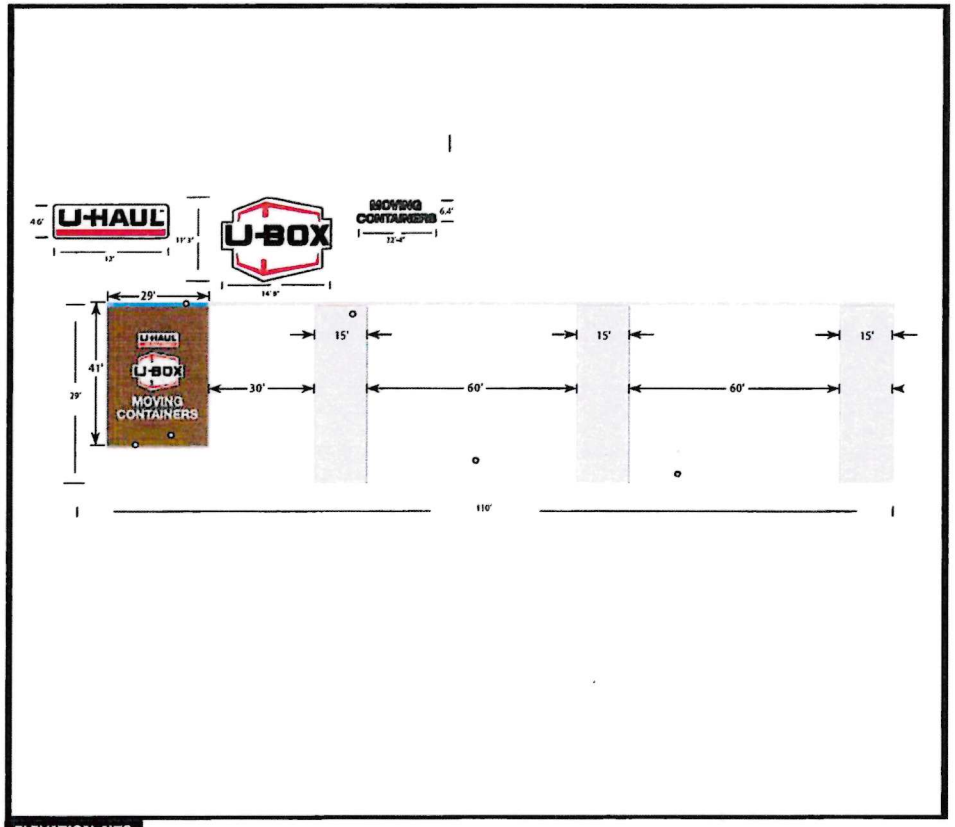
CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24



LAYOUT



INSTALLATION DETAILS



ELEVATION-NTS

CABINET SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

NON ILLUMINATED PEN LETTERS

A. (1) 30" moving container fco letter set (non illuminated)

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Location:	UMC - Southwest Ocala	**Designed:** Nicholas Harris	02/01/21
Street:	6555 SW State Rd 200	**DSD:** Simon Holder	04/26/24
City:	Ocala	**Approved:** Mike Shardy	02/01/21
State / Province:	Florida	Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.	
Country / Mail Code:	USA / 34476		

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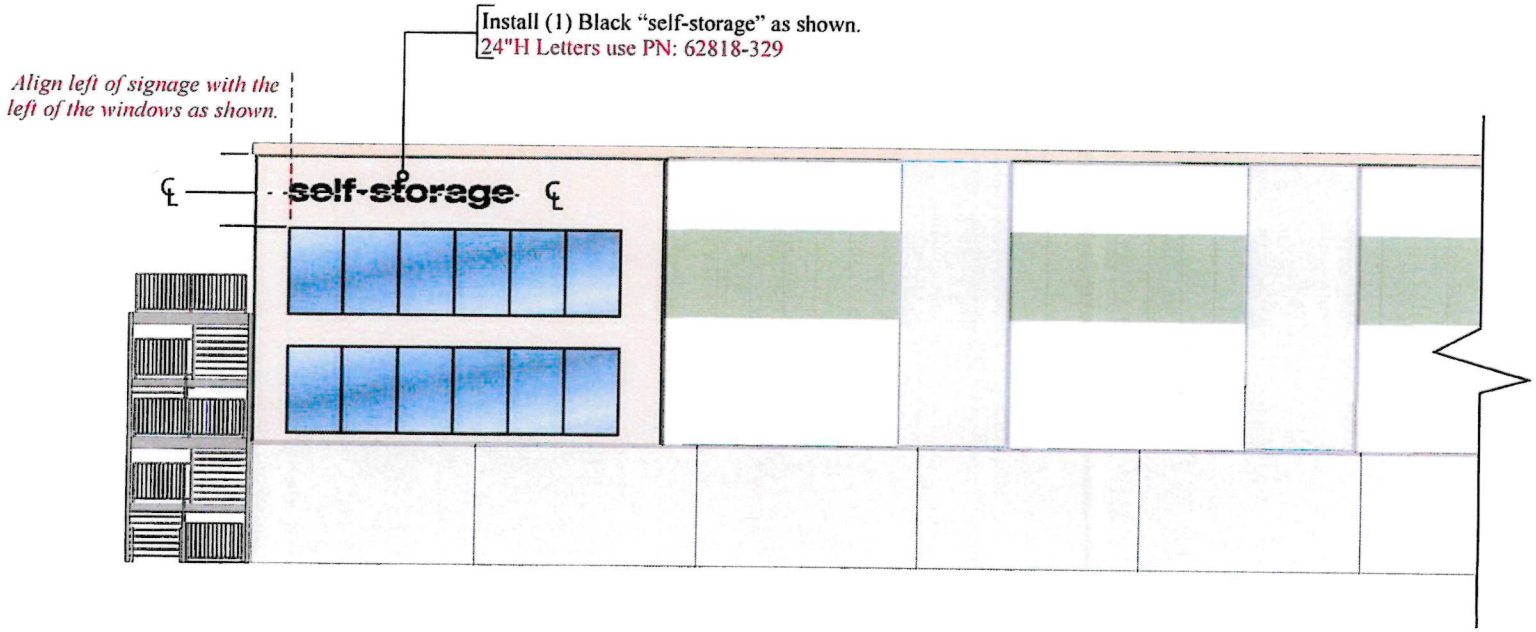

3 Southeast Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

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Country / Mail Code:	USA / 34476

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DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

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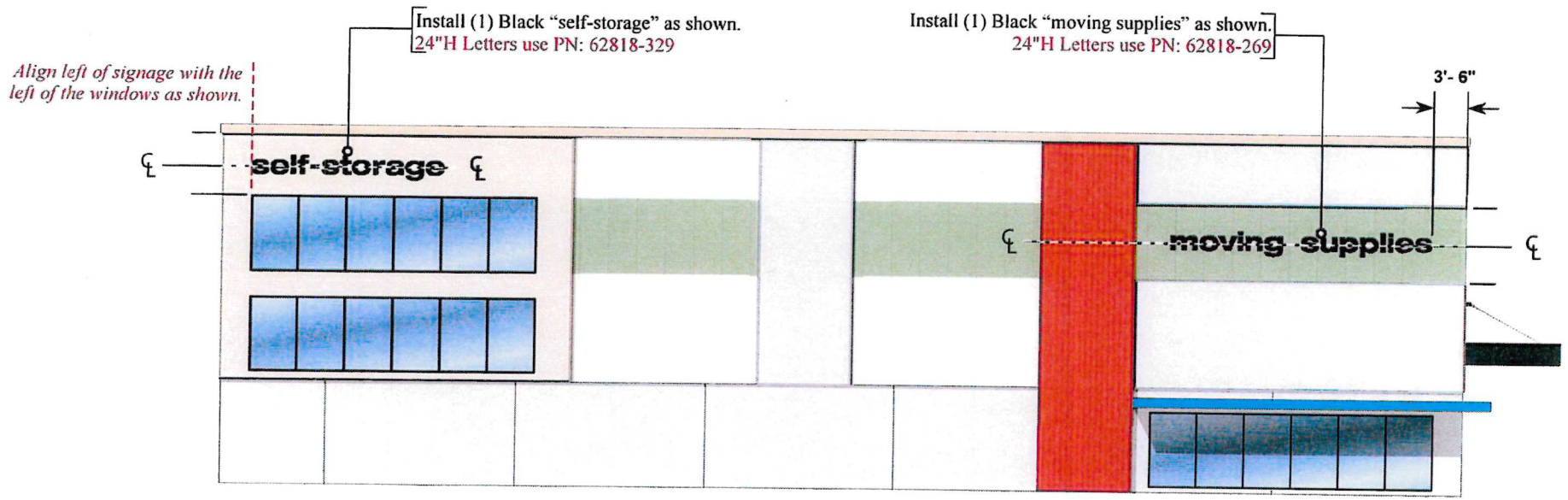

2 Northeast Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

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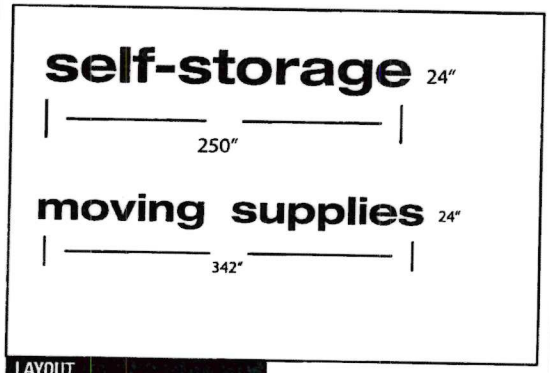
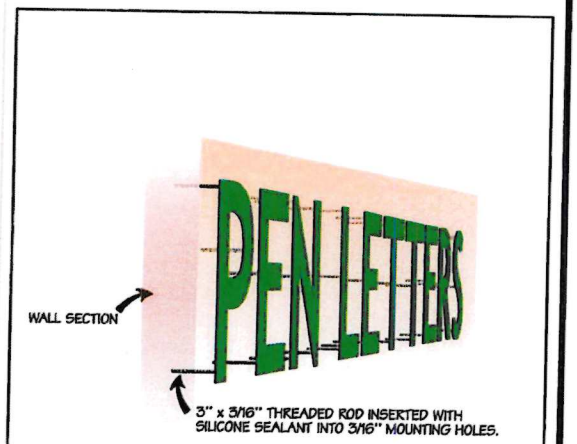
NE ELEVATION BUILDING A SIGN A & B

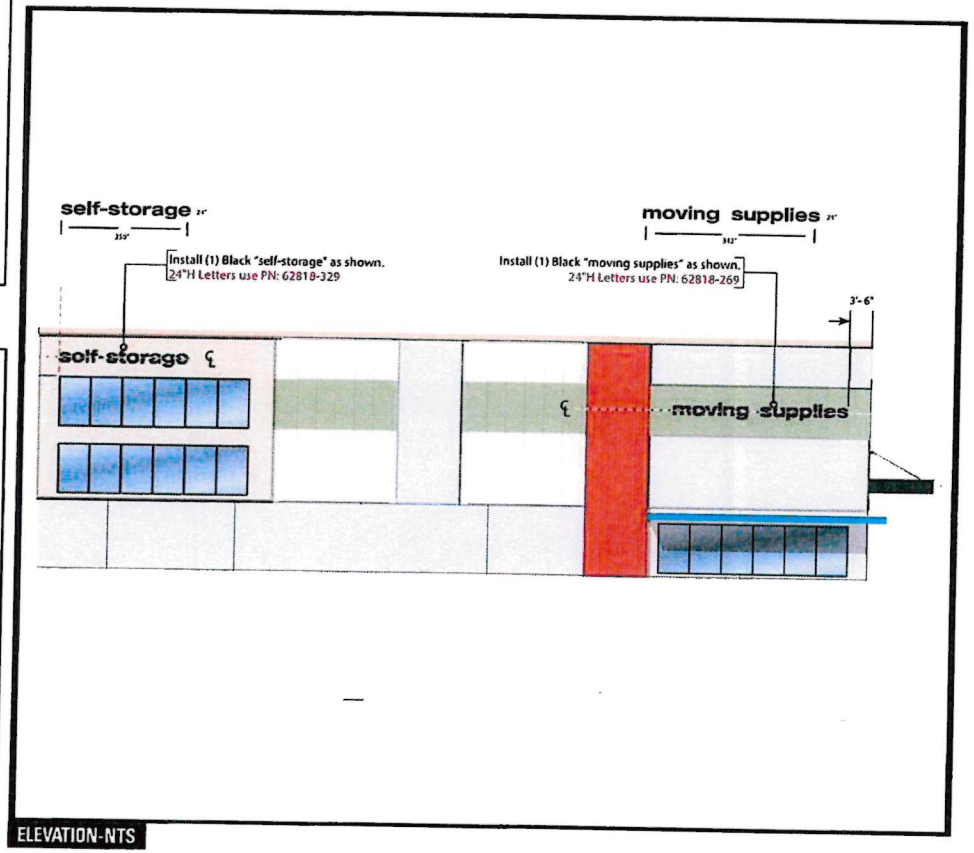
Non Iluminated Pen Letters



LAYOUT



INSTALLATION DETAILS



ELEVATION-NTS

CABINET SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

NON ILLUMINATED PEN LETTERS

A. (1) 24" tall self-storage letter set (non illuminated)
B.(1) 24" tall moving supplies letter set (non illuminated)

DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 15:03:02 -05'00'

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Job name	Uhaul of Ocala (NE elevation Bldg A signs A & B)
Job#	0125DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 1609, 3107 and Appendix H of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: FCO (flat cut out) acrylic 1/4" plate non illuminated letters

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2023, section 1609.3: 140 mph

Wind pressure (qz) 50.2 psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets	-1.09	
Wind Pressure	-54.7	psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	2.00	ft
- maximum width of structure to be attached	2.00	ft
- effective projected area factor	0.50	
- projected area of each component to be attached	2.0	ft^2
- wind load	-109	lbs
- allowable tension load per fastener to	50	lbs
- even number of fasteners minimum of 2 =	-4	
- number of fasteners practically required due to structure shape	4	
- weight of structure is approximately	1	lbs
- allowable shear load per fastener to	50	lbs
- average shear load per fastener =	0.3	lbs

Mounting surface construction is: tbd

Method - Threaded rod (3/16" x 3"aluminum) and GE SCS 2000 silicone adhesive
- allowable tensile load = 50 lbs
https://www.siliconeforbuilding.com/Product-Categories/Weatherseal/GE-SCS2000-SilPruf.aspx

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

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165 Old Ridge Road
Macon, GA 31211
(478) 731-5394
jjorlando@cox.net

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Date: 2025.01.08 15:03:25 -05'00'

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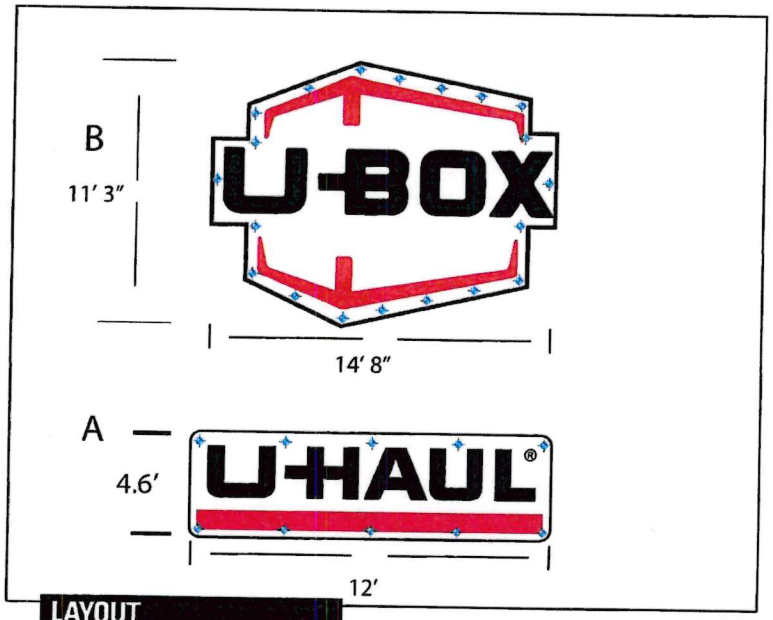
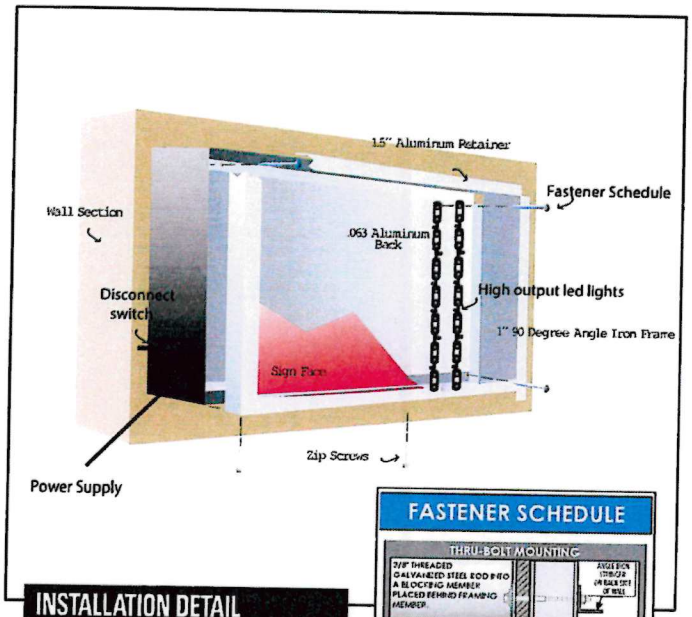
Internally Illuminated wall Sign

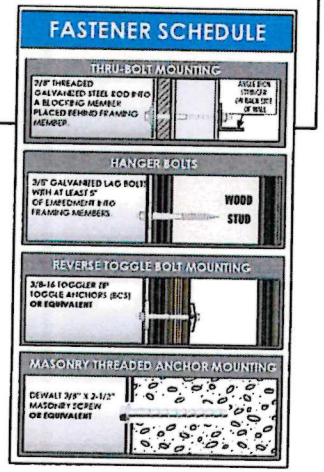
SE ELEVATION BUILDING B SIGNS A&B



LAYOUT



INSTALLATION DETAIL



ALL ELECTRICAL TO COMPLY WITH 600.6 (2020 NEC)
SIGN TO HAVE A TOTAL OF 4 OF THE 120V/12V/60W POWER SUPPLIES @ 0.8A EACH, TOTAL AMPS=3.2A TIED TO AN EXISTING 120V/20A DEDICATED CIRCUIT

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. SINGLE FACE CABINET ILLUMINATED
B. STANDARD UHAUL COLORS
C. WHITE ACRYLIC FACE WITH VINYL OVERLAY
D. MOUNT IN 20 AND 10 EVENLY SPACED PLACES PER FASTENER SCHEDULE
PRECISE FASTENER LOCATIONS ✣ BY INSTALLERS

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Conforms to the requirements of the 8th Edition (2023) of the Florida Building Code sections 1609 , 3107 and Appendix H, V(ult) = 140 mph. Exposure category = C, Risk category = II
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlandope@comcast.net - Florida registration # 0044089 Job 0225DS sheet 1 of 3

DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

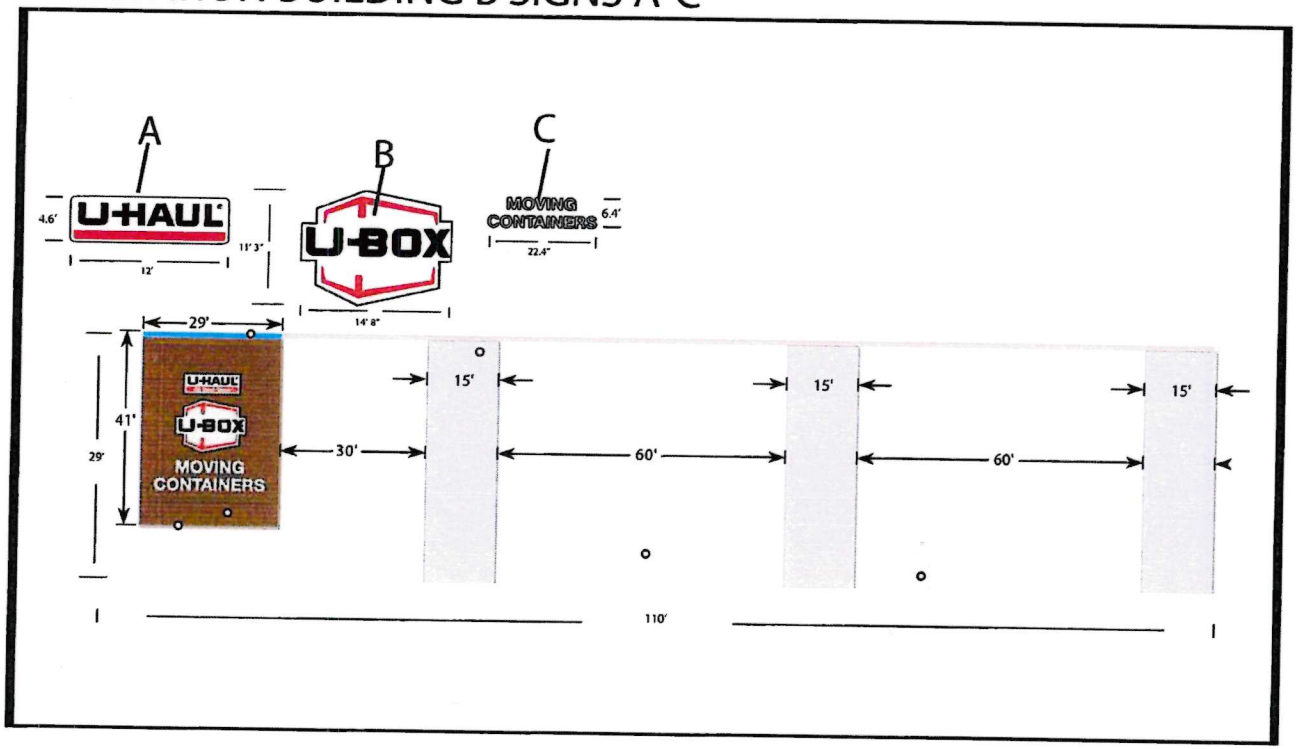
CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 15:57:40 -05'00'

Internally Illuminated wall Sign

SE ELEVATION BUILDING B SIGNS A-C



ELEVATION-NTS

LETTER SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. 4.6' x 12' single face cabinet (illuminated)

B. B 11'-3" x 14'-8" UBox single face cabinet sign (illuminated

C. 30: FCO PEN LETTERS

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DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date 2025.01.09 15:58:07 -05'00'

Job name	Uhaul of Ocala (SE elevation Bldg B signs A & B)
Job#	0225DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 3107, Appendix H and section 1609 of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: wall mounted lighted cabinet sign

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2023, section 1609.3: 140 mph

Wind pressure (qz) 50.2 psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2
Components and cladding not in areas of discontinuity - walls and parapets -1.09
Wind Pressure -54.7 psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	11.25	4.50 ft
- maximum width of structure to be attached	14.67	12.00 ft
- effective projected area factor	0.70	1.00
- projected area of each component to be attached	115.5	54.0 ft^2
- wind load	-6321	-2955 lbs
- allowable tension load per fastener to	350	350 lbs
- even number of fasteners minimum of 2 =	-20	-10
- number of fasteners practically required due to structure shape	20	10
- weight of structure is approximately	404	189 lbs
- allowable shear load per fastener to	125	125 lbs
- average shear load per fastener =	20.2	18.9 lbs

Mounting surface construction is: to be determined
Use methods: 1 through 4

Method 1 - 3/8-16 Toggler zip toggle anchors (BCS)
- allowable pull out load = 350 lbs
- allowable shear out load = 125 lbs
https://toggler.com/pdfs/SNAPTOGGLE%C2%AE-Heavy-Duty-Toggle-Bolts.pdf
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.

Method 2 - Lag bolts into framing members.
-use 3/8" hot dipped galvanized lag bolts with at least 3" of embedment into framing members.
https://www.zillarac.com/Portals/0/Documents/PDF/Screw%20Pull-out.pdf

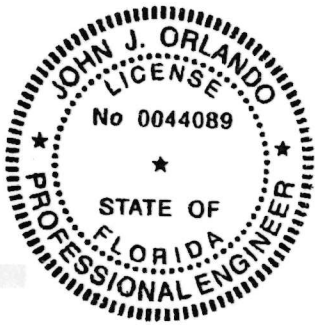
Method 3 - 3/8-16 Gr2 galvanized through bolts
http://www.tatoolsonline.com/uploads/266/safety_data_bolt_strengths_identification.pdf
clamp load = 3200 lbs

Method 4 - DEWALT 3/8" X 2-1/2" masonry screw anchor or equivalent
- ultimate tension load = 5175 lbs
- allowable tension load = 1290 lbs
- ultimate shear load = 4320 lbs
- allowable shear load = 1080 lbs
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.
https://anchors.dewalt.com/anchors/_documents/uploads/DWANF_SCREWBOLT+_TP_revF.pdf?1660684129

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

sheet: 3 of 3



John J. Orlando PE LLC 0044089
165 Old Ridge Road
Macon, GA 31211
(478) 731-5394
jjorlando@cox.net

John J Orlando PE Digitally signed by John J Orlando PE
Date: 2025.01.08 15:58:20 -05'00'

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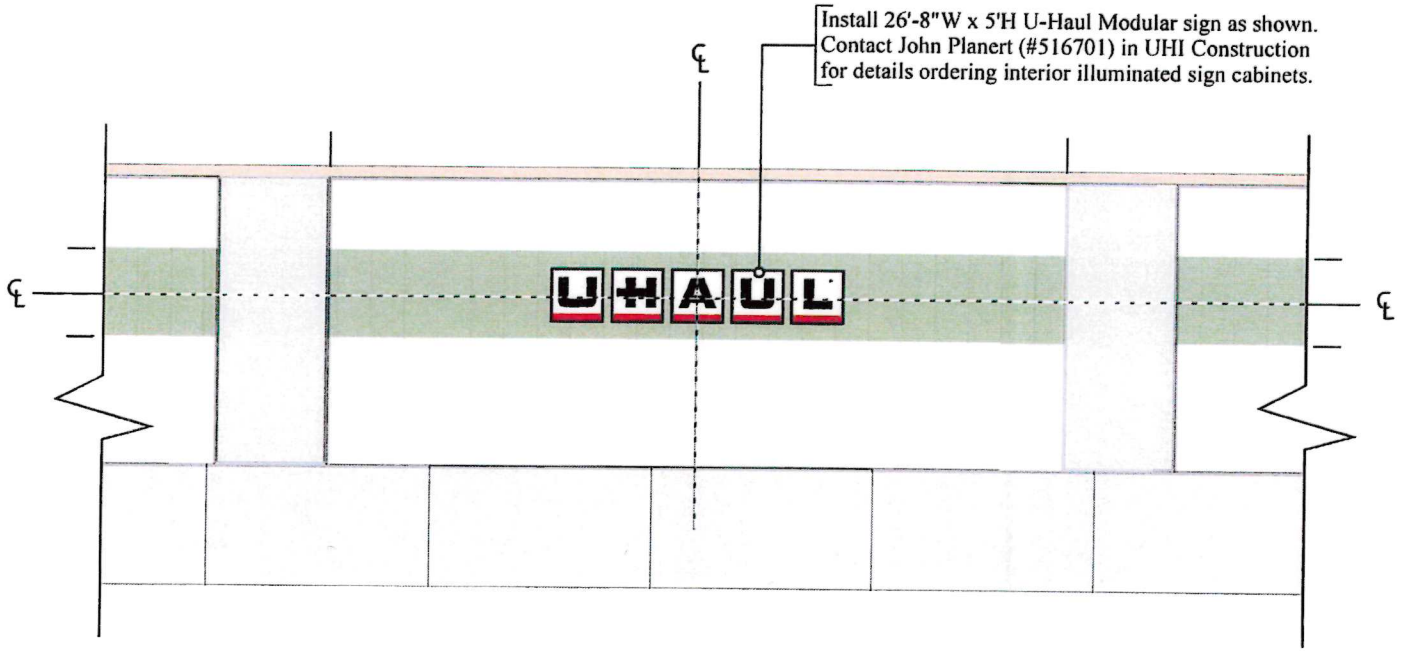
Location:	UMC - Southwest Ocala
Street:	6555 SW State Rd 200
City:	Ocala
State / Province:	Florida
Country / Mail Code:	USA / 34476

Designed:	Nicholas Harris	02/01/21
Drawing:	Nicholas Harris	02/01/21
Approved:	Mike Shardy	02/01/21

Drawings to scale. Do Not Use for fabrication. use artwork provided. Questions Call: 1-800-528-0361.



3 Southeast Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

To enlarge print from 8-1/2" x 11" to 11" x 17" - Set printing page set up to approximately 130%.

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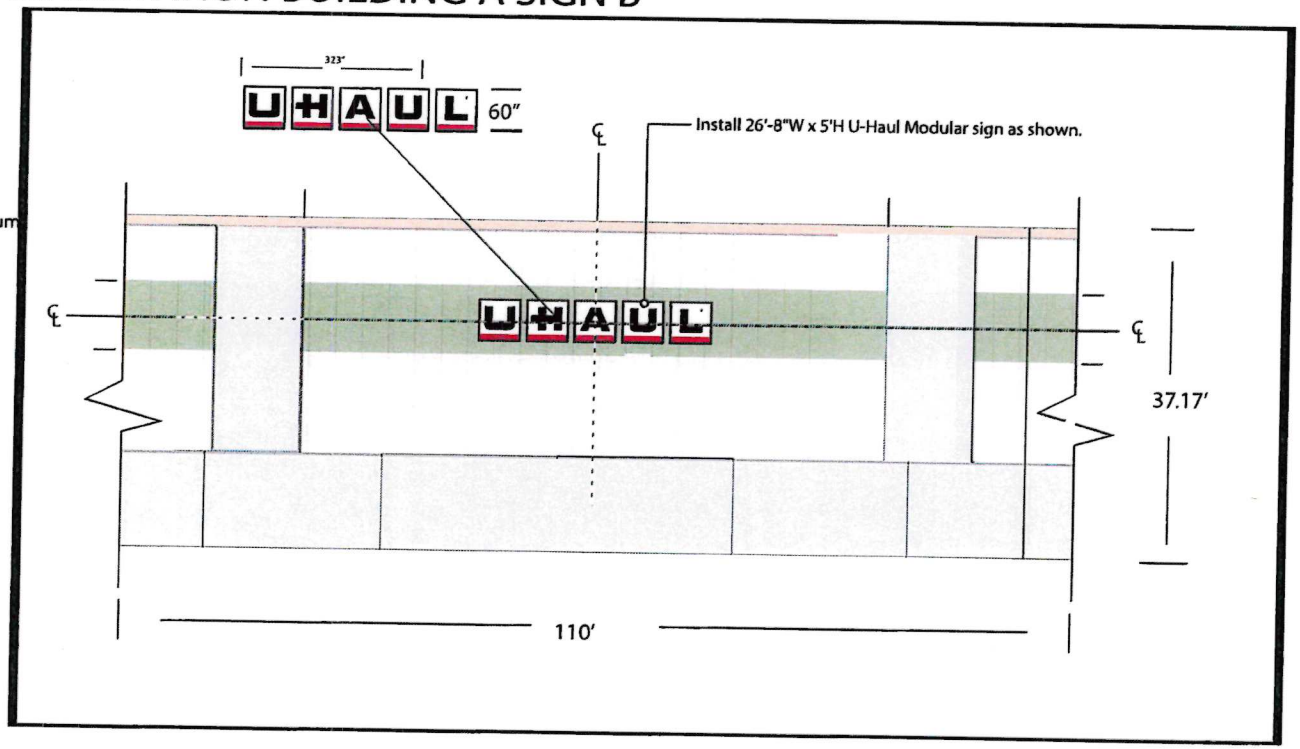
Internally Illuminated wall Sign

SE ELEVATION BUILDING A SIGN B



ELEVATION-NTS

LETTER SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. STANDARD CHANNEL LETTERS W/ BLUE RETURNS AND BLACK TRIMCAP
B. BRUSHED ALUMINUM CLOUD
C. WHITE ACRYLIC FACE WITH BLUE VINYL OVERLAY

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Conforms to the requirements of the 8th Edition (2023) of the Florida Building Code sections 1609, 3107 and Appendix H. Vult = 140 mph. Exposure category = C. Risk category = II
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5354 - jjorlando@cox.net - Florida registration # 0044089 Job 062505 sheet 1 of 3

DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

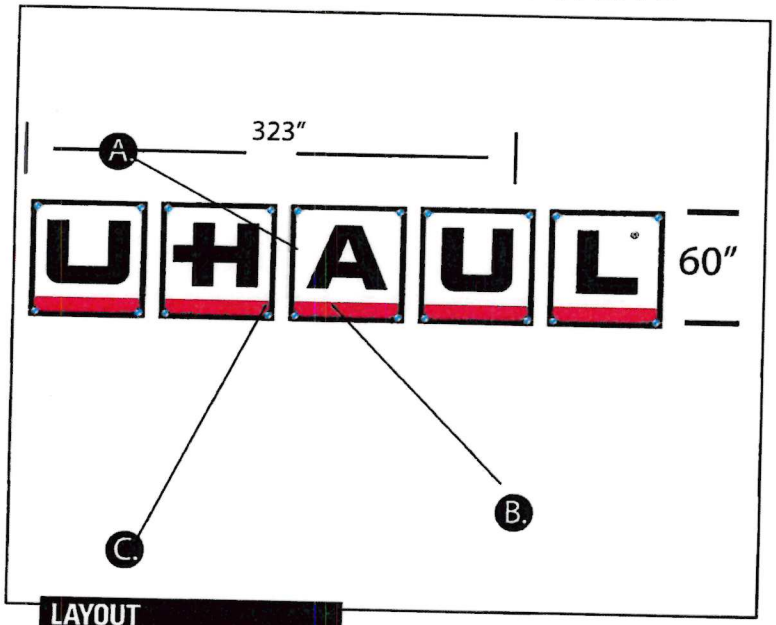
CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

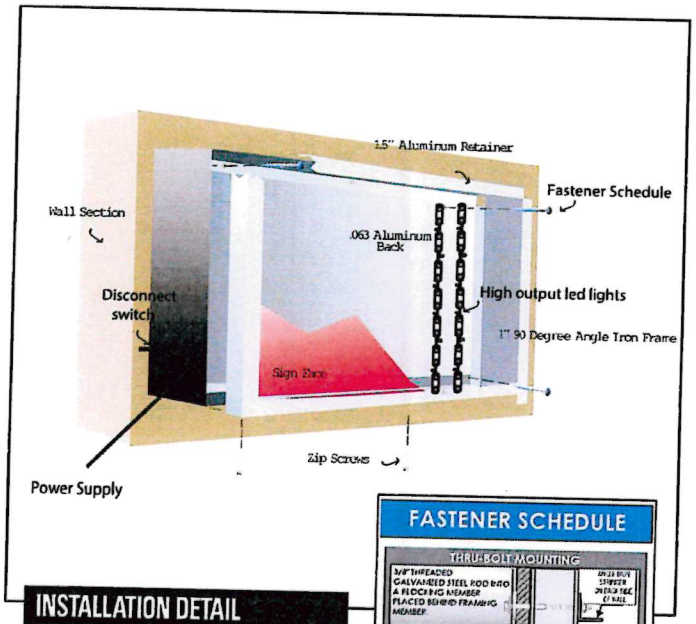
John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.09 17:13:09-05'00'

Internally Illuminated wall Sign

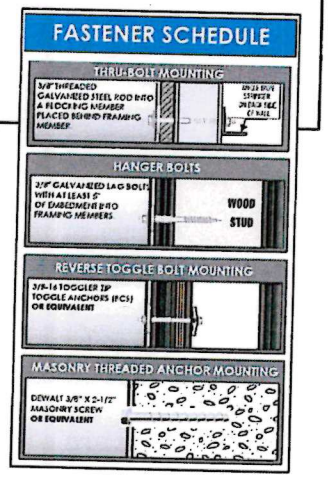
SE ELEVATION BUILDING A SIGN B



LAYOUT



INSTALLATION DETAIL



ALL ELECTRICAL TO COMPLY WITH 600.6 (2020 NEC)
SIGN TO HAVE A TOTAL OF 4 OF THE 120V/12V/60W POWER SUPPLIES @ 0.8A EACH, TOTAL AMPS=3.2A TIED TO AN EXISTING 120V/20A DEDICATED CIRCUIT

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. SINGLE FACE CABINET ILLUMINATED
B. STANDARD UHAUL COLORS
C. WHITE ACRYLIC FACE WITH VINYL OVERLAY
D. MOUNT EACH CABINET IN 5 EVENLY SPACED PLACES PER FASTENER SCHEDULE
PRECISE FASTENER LOCATIONS ✦ BY INSTALLERS

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DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 17:13:42 -05'00'

Job name	Uhaul of Ocala(SE elevation Bldg A sign B)
Job#	0625DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 3107, Appendix H and section 1609 of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: wall mounted lighted cabinet sign

Occupancy Category:	II	
Wind velocity (3 sec gust), FBC 2023, section 1609.3:	140	mph
Wind pressure (qz)	50.2	psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets	-1.09	
Wind Pressure	-54.7	psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	5.00	ft
- maximum width of structure to be attached	5.00	ft
- effective projected area factor	1.00	
- projected area of each component to be attached	25.0	ft^2
- wind load	-1368	lbs
- allowable tension load per fastener to	350	lbs
- even number of fasteners minimum of 2 =	-4	
- number of fasteners practically required due to structure shape	4	
- weight of structure is approximately	88	lbs
- allowable shear load per fastener to	125	lbs
- average shear load per fastener =	21.9	lbs

Mounting surface construction is: to be determined
Use methods: 1 through 4

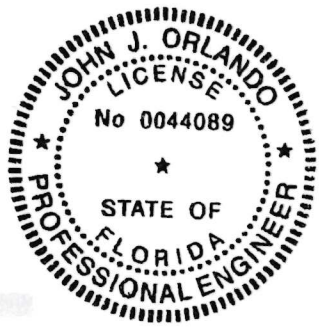
Method 1 - 3/8-16 Toggler zip toggle anchors (BCS)
- allowable pull out load = 350 lbs
- allowable shear out load = 125 lbs
https://toggler.com/pdfs/SNAPTOGGLE%C2%AE-Heavy-Duty-Toggle-Bolts.pdf
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.

Method 2 - Lag bolts into framing members.
-use 3/8" hot dipped galvanized lag bolts with at least 3" of embedment into framing members.
https://www.zillarac.com/Portals/0/Documents/PDF/Screw%20Pull-out.pdf

Method 3 - 3/8-16 Gr2 galvanized through bolts
http://www.tatoolsonline.com/uploads/266/safety_data_bolt_strengths_identification.pdf
clamp load = 3200 lbs

Method 4 - DEWALT 3/8" X 2-1/2" masonry screw anchor or equivalent
- ultimate tension load = 5175 lbs
- allowable tension load = 1290 lbs
- ultimate shear load = 4320 lbs
- allowable shear load = 1080 lbs
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.
https://anchors.dewalt.com/anchors/_documents/uploads/DWANF_SCREWBOLT+_TP_revF.pdf?1660684129

References:
ASCE 7-22
The 8th Edition (2023) of the Florida Building Code



John J. Orlando PE LLC 0044089
165 Old Ridge Road
Macon, GA 31211
(478) 731-5394
jjorlando@cox.net

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Date: 2025.01.08 17:13:56 -05'00'

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U-HAUL FACILITY IMAGING DEPARTMENT

Final Approved Project Work

IMAGING, GENERAL
UMC of "Southwest Ocala"
833072, NORTHWEST SIGNAGE DETAIL-1.0

Issued 02/01/21
Re-Issued 04/26/24

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Location:	UMC - Southwest Ocala
Street:	6555 SW State Rd 200
City:	Ocala
State / Province:	Florida
Country / Mail Code:	USA / 34476

Designed:	Nicholas Harris	02/01/21
DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.

NOTE: Replacement letters, numbers, and symbols, can be ordered using the program book found on property.uhaul.com > design tab > art department download projects link. Program book STG-3XXX-22927

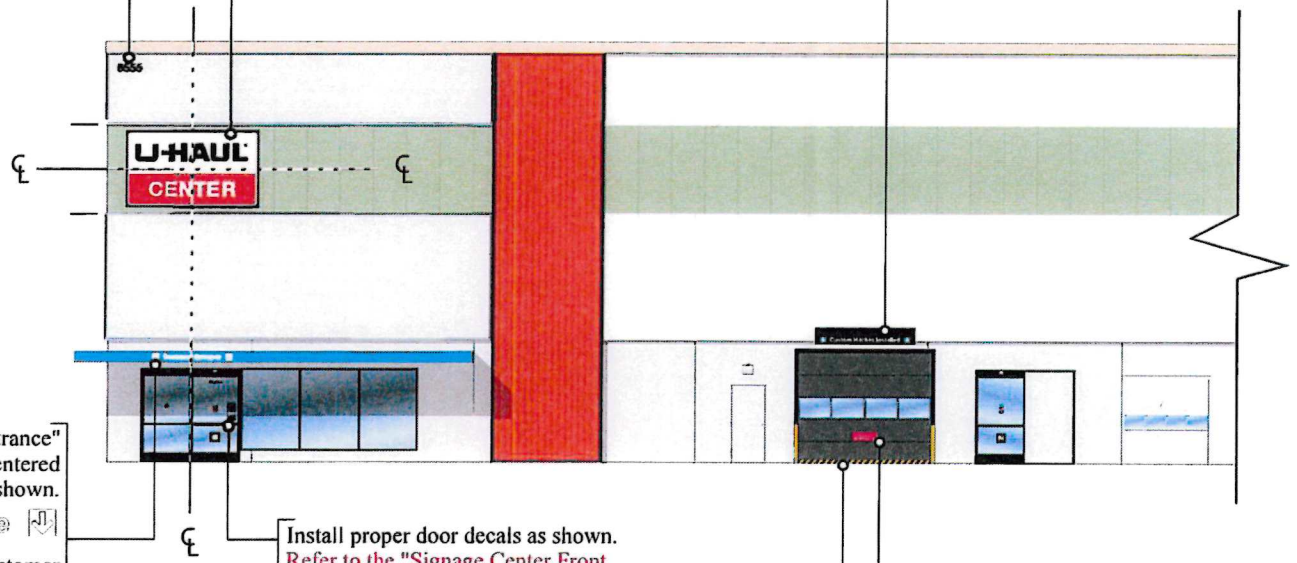
NOTE: You can order Signage from the system.
Use part numbers listed below when ordering.

NOTE: Order U-Haul Center ID sign from UHI Purchasing - order_processing@uhaul.com. You will also need to specify shipping & billing info, project number & qty needed.

Install 9"H Black numbers, 6555 12" down and 12" in from the corner as shown as shown.
9"H Numbers use PN: 62818-434

Install(1) 7'H x 12'W U-Haul Center ID Sign. Align as shown.
7' x 12' Cabinet lit PN: 62858-026
7' x 12' Sign Face PN: 62854-064

Install 9'-0" W x 1'-6" H wall mounted Custom Hitches Installed sign, centered left to right and 3" above the door trim/reveal.
Mounted PN:62814-068



P1 Paint "Customer Entrance" signage on awning centered over slider as shown.

Customer Entrance

Order 6.678"H Customer Entrance pounce pattern using the system.
PN:62878-110

Install proper door decals as shown.
Refer to the "Signage Center Front Doors" Program Book on property.uhaul.com

Apply 0'-3" high Barricade decal to the bottom of the door.
Place order by the foot.
PN:10755-039

Apply 2'-3" W x 0'-10" H Active Driveway signage centered left to right and 4'-0" (+-) to the top of the sign in such a way that it falls within the panel breaks.
Decal: PN:38686-125
Metal: PN:62814-071

1 Northwest Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

To enlarge print from 8-1/2" x 11" to 11" x 17" - Set printing page set up to approximately 130%.

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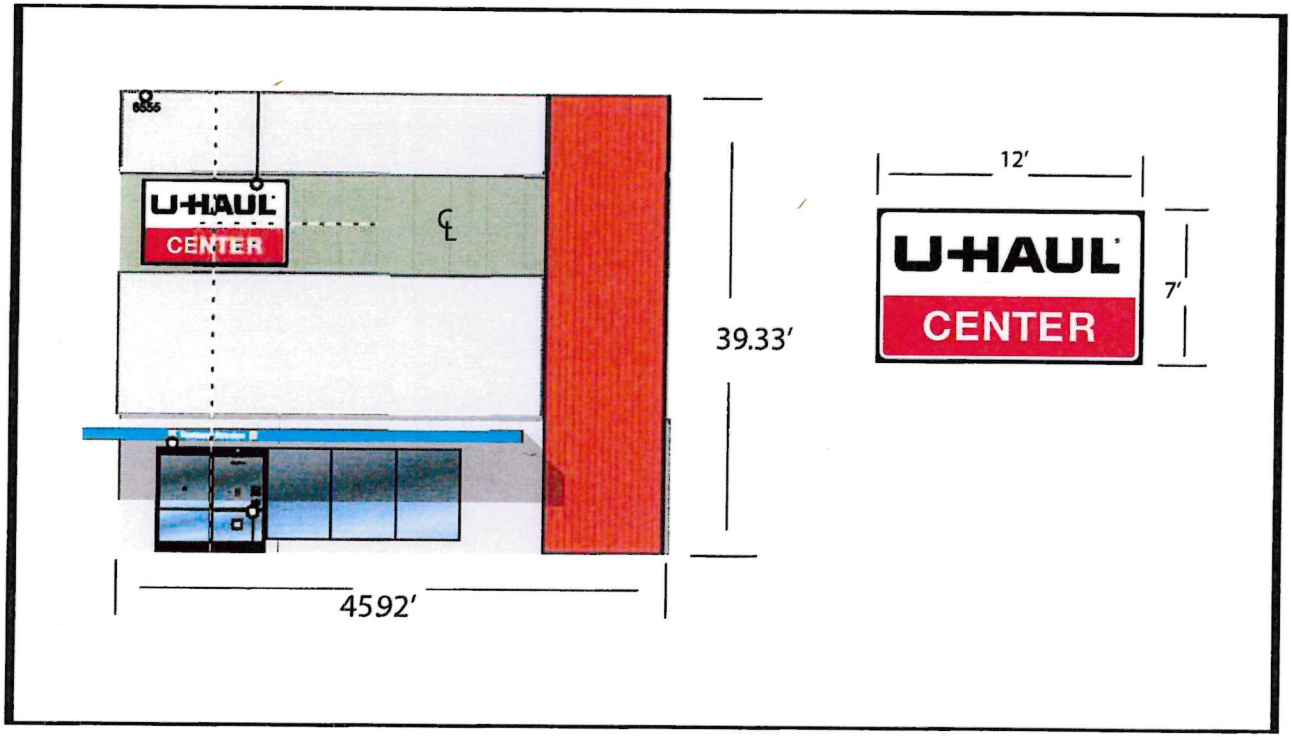
Internally Illuminated wall Sign

NW ELEVATION BUILDING A SIGN A



ELEVATION-NTS

LETTER SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. SINGLE FACE CABINET ILLUMINATED
B. STANDARD UHUAL COLORS
C. WHITE ACRYLIC FACE WITH BLUE VINYL OVERLAY

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18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

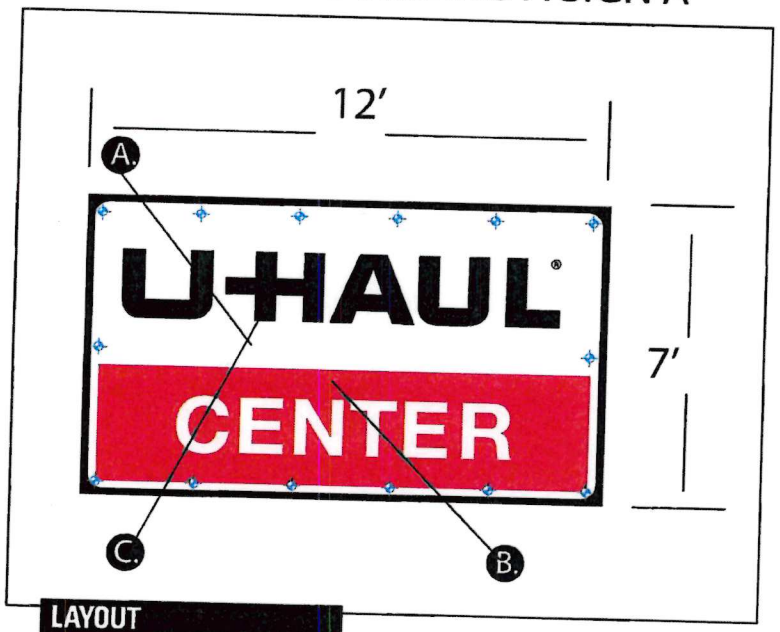
CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

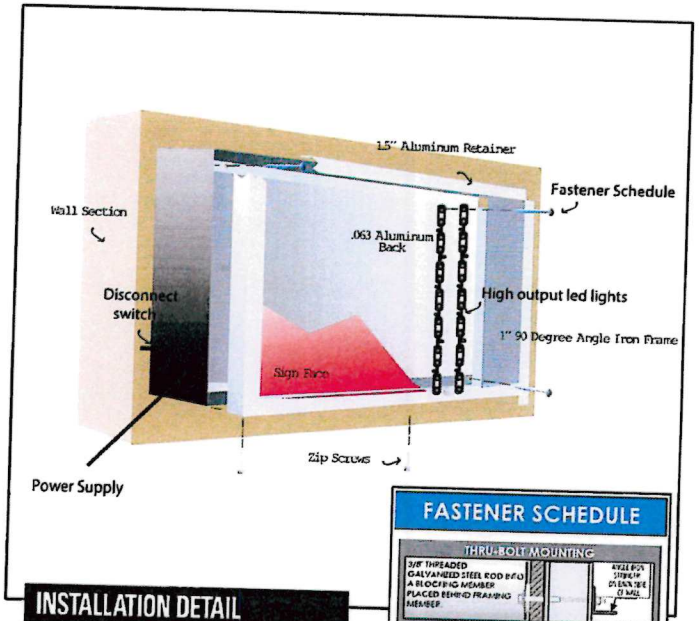
John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 17:41:21 -05'00'

Internally Illuminated wall Sign

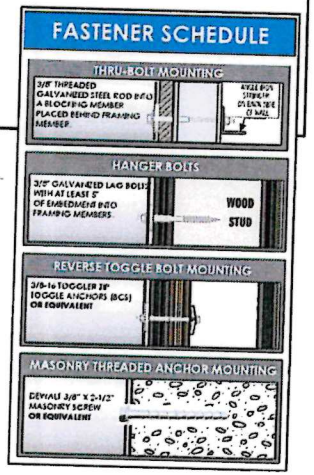
NW ELEVATION BUILDING A SIGN A



LAYOUT



INSTALLATION DETAIL



ALL ELECTRICAL TO COMPLY WITH 600.6 (2020 NEC)
SIGN TO HAVE A TOTAL OF 4 OF THE 120V/12V/60W POWER SUPPLIES @ 0.8A EACH, TOTAL AMPS=3.2A TIED TO AN EXISTING 120V/20A DEDICATED CIRCUIT

INTERNALLY ILLUMINATED WALL SIGN CABINET

A. SINGLE FACE CABINET ILLUMINATED
B. STANDARD UHAUL COLORS
C. WHITE ACRYLIC FACE WITH VINYL OVERLAY
D. MOUNT IN 14 EVENLY SPACED PLACES PER FASTENER SCHEDULE
PRECISE FASTENER LOCATIONS ✦ BY INSTALLERS

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18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

John J Orlando PE Digitally signed by John J Orlando PE Date: 2025.01.08 17:41:42 -05'00'

Job name	Uhaul of Ocala (NW elevation sign A)
Job#	0725DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 3107, Appendix H and section 1609 of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: wall mounted lighted cabinet sign

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2023, section 1609.3: 140 mph

Wind pressure (qz) 50.2 psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2
Components and cladding not in areas of discontinuity - walls and parapets -1.09
Wind Pressure -54.7 psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	7.00 ft
- maximum width of structure to be attached	12.00 ft
- effective projected area factor	1.00
- projected area of each component to be attached	84.0 ft^2
- wind load	-4596 lbs
- allowable tension load per fastener to	350 lbs
- even number of fasteners minimum of 2 =	-14
- number of fasteners practically required due to structure shape	14
- weight of structure is approximately	294 lbs
- allowable shear load per fastener to	125 lbs
- average shear load per fastener =	21.0 lbs

Mounting surface construction is: to be determined
Use methods: 1 through 4

Method 1 - 3/8-16 Toggler zip toggle anchors (BCS)
- allowable pull out load = 350 lbs
- allowable shear out load = 125 lbs
https://toggler.com/pdfs/SNAPTOGGLE%C2%AE-Heavy-Duty-Toggle-Bolts.pdf
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.

Method 2 - Lag bolts into framing members.
-use 3/8" hot dipped galvanized lag bolts with at least 3" of embedment into framing members.
https://www.zillarac.com/Portals/0/Documents/PDF/Screw%20Pull-out.pdf

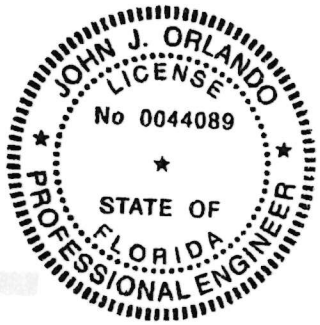
Method 3 - 3/8-16 Gr2 galvanized through bolts
http://www.tatoolsonline.com/uploads/266/safety_data_bolt_strengths_identification.pdf
clamp load = 3200 lbs

Method 4 - DEWALT 3/8" X 2-1/2" masonry screw anchor or equivalent
- ultimate tension load = 5175 lbs
- allowable tension load = 1290 lbs
- ultimate shear load = 4320 lbs
- allowable shear load = 1080 lbs
NOTE: . Design assumes that fasteners are installed according to manufacturer's instructions, using correct size drill.
https://anchors.dewalt.com/anchors/_documents/uploads/DWANF_SCREWBOLT+_TP_revF.pdf?1660684129

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

sheet: 3 of 3



John J. Orlando PE LLC 0044089
165 Old Ridge Road
Macon, GA 31211
(478) 731-5394
jjorlando@cox.net

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Job name	Uhaul of Ocala(SE elevation Bldg A sign C)
Job#	0525DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 1609, 3107 and Appendix H of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: FCO (flat cut out) acrylic 1/4" plate non illuminated letters

Occupancy Category:	II	
Wind velocity (3 sec gust), FBC 2023, section 1609.3:	140	mph
Wind pressure (qz)	50.2	psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets	-1.09	
Wind Pressure	-54.7	psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	2.00	ft
- maximum width of structure to be attached	2.00	ft
- effective projected area factor	0.50	
- projected area of each component to be attached	2.0	ft^2
- wind load	-109	lbs
- allowable tension load per fastener to	50	lbs
- even number of fasteners minimum of 2 =	-4	
- number of fasteners practically required due to structure shape	4	
- weight of structure is approximately	1	lbs
- allowable shear load per fastener to	50	lbs
- average shear load per fastener =	0.3	lbs

Mounting surface construction is: tbd

Method - Threaded rod (3/16" x 3"aluminum) and GE SCS 2000 silicone adhesive
- allowable tensile load = 50 lbs
https://www.siliconeforbuilding.com/Product-Categories/Weatherseal/GE-SCS2000-SilPruf.aspx

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

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Job name	Uhaul of Ocala(SE elevation Bldg A sign A)
Job#	0425DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 1609, 3107 and Appendix H of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: FCO (flat cut out) acrylic 1/4" plate non illuminated letters

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2023, section 1609.3: 140 mph

Wind pressure (qz) 50.2 psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets -1.09

Wind Pressure -54.7 psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	2.00 ft
- maximum width of structure to be attached	2.00 ft
- effective projected area factor	0.50
- projected area of each component to be attached	2.0 ft^2
- wind load	-109 lbs
- allowable tension load per fastener to	50 lbs
- even number of fasteners minimum of 2 =	-4
- number of fasteners practically required due to structure shape	4
- weight of structure is approximately	1 lbs
- allowable shear load per fastener to	50 lbs
- average shear load per fastener =	0.3 lbs

Mounting surface construction is: tbd

Method - Threaded rod (3/16" x 3"aluminum) and GE SCS 2000 silicone adhesive
- allowable tensile load = 50 lbs
https://www.siliconeforbuilding.com/Product-Categories/Weatherseal/GE-SCS2000-SilPruf.aspx

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

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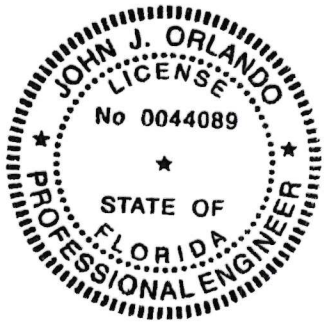

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Date: 2025.01.08 16:46:55 -05'00'

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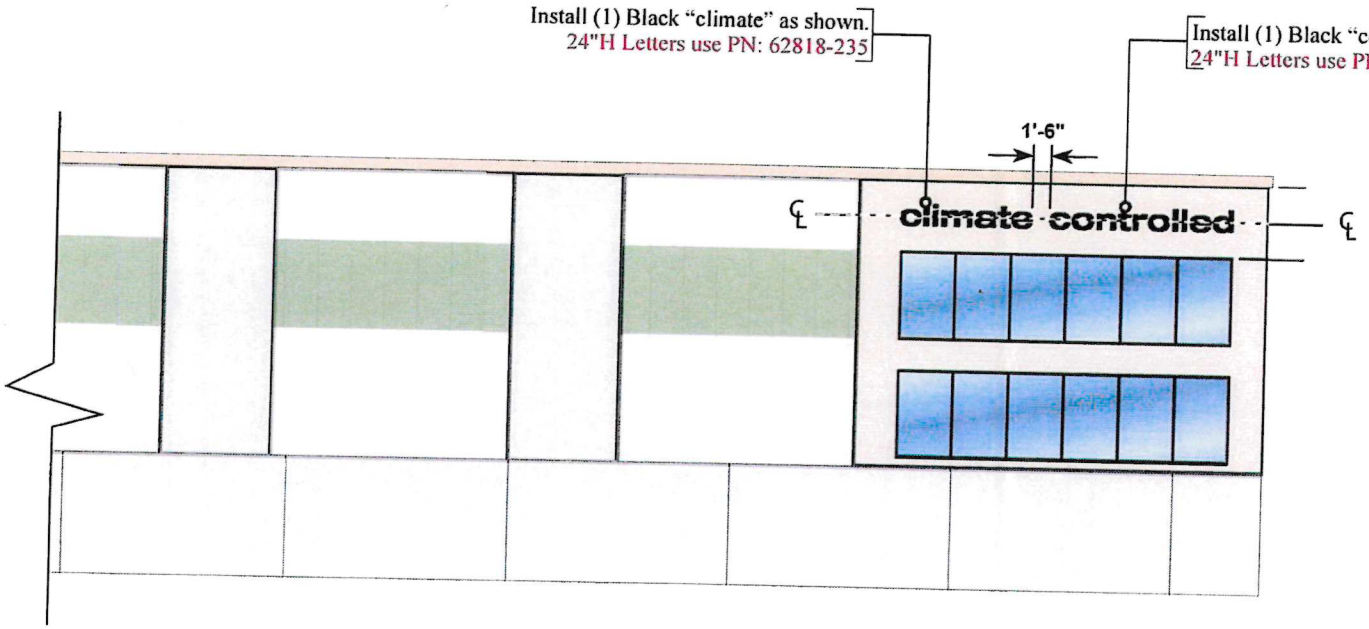
Location:	UMC - Southwest Ocala
Street:	6555 SW State Rd 200
City:	Ocala
State / Province:	Florida
Country / Mail Code:	USA / 34476

Designed:	Nicholas Harris	02/01/21
DSD:	Simon Holder	04/26/24
Approved:	Mike Shardy	02/01/21

Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.

NOTE: Replacement letters, numbers, and symbols, can be ordered using the program book found on property.uhaul.com > design tab > art department download projects link. Program book STG-3XXX-22927

NOTE: You can order Signage from the system.
Use part numbers listed below when ordering.



3 Southeast Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

To enlarge print from 8-1/2" x 11" to 11" x 17" - Set printing page set up to approximately 130%.

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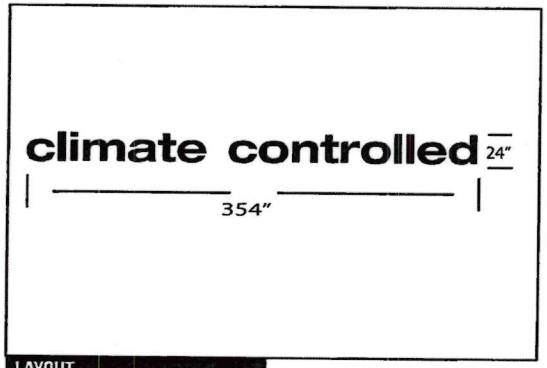
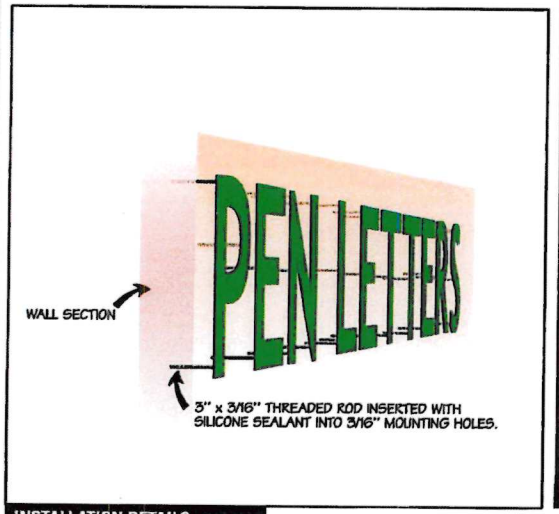
SE ELEVATION BUILDING A SIGN C

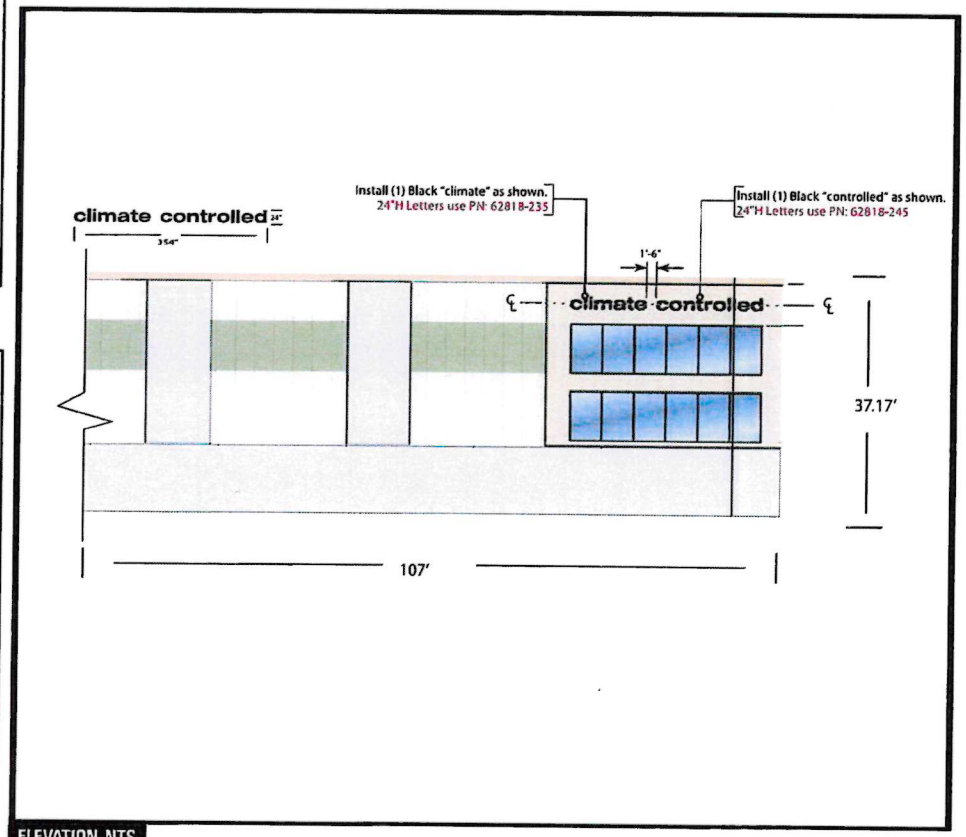
Non Iluminated Pen Letters



LAYOUT



INSTALLATION DETAILS



ELEVATION-NTS

CABINET SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

NON ILLUMINATED PEN LETTERS

A. (1) 24" tall your climate controlled fco letter set (non illuminated)

DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC
18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Conforms to the requirements of the 8th Edition (2023) of the Florida Building Code sections 1609, 3107 and Appendix H, V(ult) = 140 mph, Exposure category = C, Risk category = II
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlando@cox.net - Florida registration # 0044089 job 0525DS sheet 1 of 2

Job name	Uhaul of Ocala (NE elevation Bldg A signs A & B)
Job#	0325DS
Sign company:	Dowling Signs
Installation location:	6555 SW State Rd 200, Ocala, FL 34471

Section 1609, 3107 and Appendix H of Florida Building Code 2023 and Chapter 30 ASCE 7-22 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: FCO (flat cut out) acrylic 1/4" plate non illuminated letters

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2023, section 1609.3: 140 mph

Wind pressure (qz) 50.2 psf

Net Pressure Coeficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets	-1.09	
Wind Pressure	-54.7	psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	2.50	ft
- maximum width of structure to be attached	2.50	ft
- effective projected area factor	0.50	
- projected area of each component to be attached	3.1	ft^2
- wind load	-171	lbs
- allowable tension load per fastener to	50	lbs
- even number of fasteners minimum of 2 =	-4	
- number of fasteners practically required due to structure shape	4	
- weight of structure is approximately	2	lbs
- allowable shear load per fastener to	50	lbs
- average shear load per fastener =	0.4	lbs

Mounting surface construction is: tbd

Method - Threaded rod (3/16" x 3"aluminum) and GE SCS 2000 silicone adhesive
- allowable tensile load = 50 lbs
https://www.siliconeforbuilding.com/Product-Categories/Weatherseal/GE-SCS2000-SilPruf.aspx

References:

ASCE 7-22
The 8th Edition (2023) of the Florida Building Code

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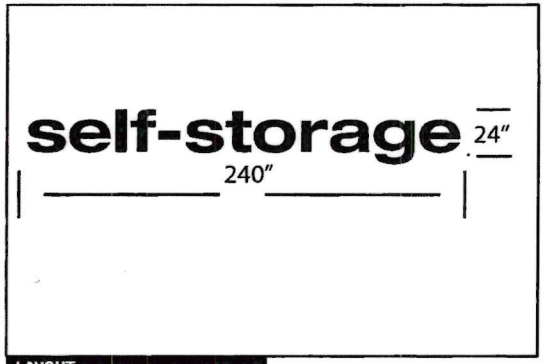
SE ELEVATION BUILDING A SIGN A

Non Iluminated Pen Letters

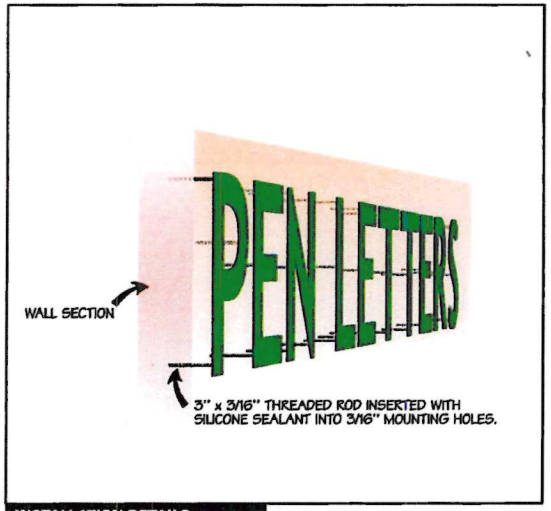
DOWLING SIGNS OF NORTH CENTRAL FLORIDA, LLC

18038 NW 246th ST., High Springs, Fl. 32643
PHONE: (386) 201-0819 FAX: (201) 386-0820
www.dowling signs.com

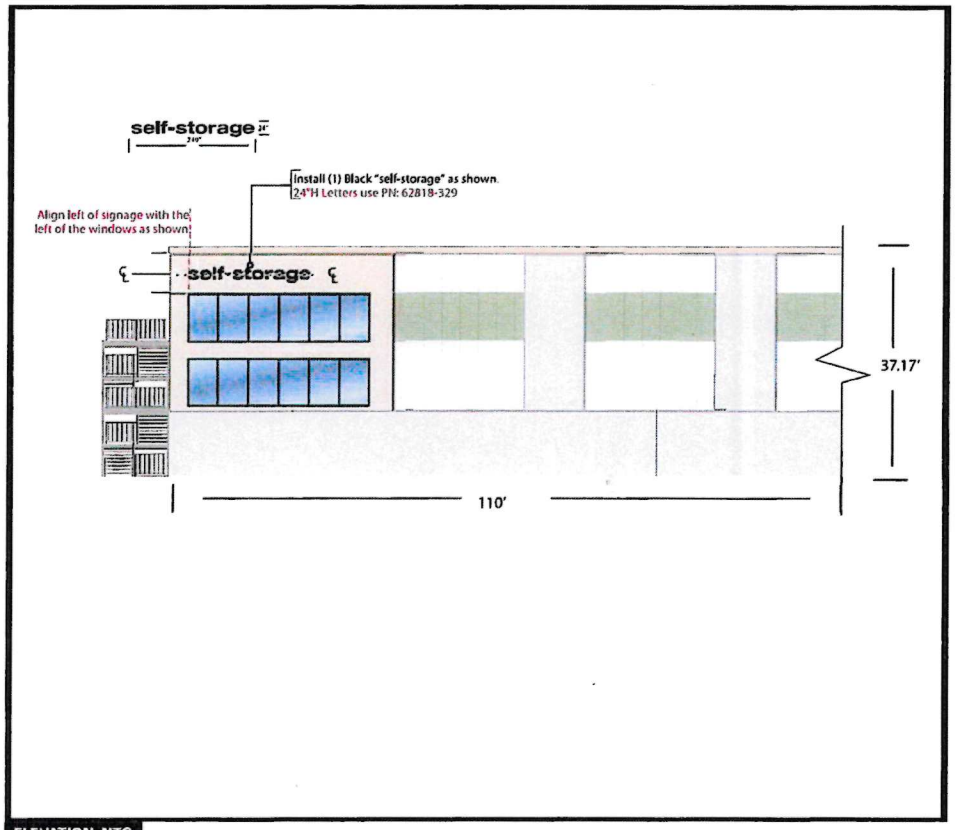
CUSTOMER: Uhaul of Ocala
LOCATION: 6555 sw state road 200 | Ocala, FL 34476 US
SALESMAN: shaw lee
DESIGNER: JUSTIN RODRIGUEZ
DATE: 12-23-24



LAYOUT



INSTALLATION DETAILS



ELEVATION-NTS

CABINET SIZE AND PLACEMENT ARE AS THEY WILL APPEAR WHEN INSTALLED

NON ILLUMINATED PEN LETTERS

A. (1) 24" tall self storage fco letter set (non illuminated)

JOHN J. ORLANDO LICENSE No 0044089 STATE OF FLORIDA PROFESSIONAL ENGINEER

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John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlando@cox.net - Florida registration # 0044089 Job 042505 sheet 1 of 2

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Location:	UMC - Southwest Ocala	**Designed:**	Nicholas Harris	02/01/21
Street:	6555 SW State Rd 200	**DSD:**	Simon Holder	04/26/24
City:	Ocala	**Approved:**	Mike Shardy	02/01/21
State / Province:	Florida	Drawings to scale. Do Not Use for fabrication, use artwork provided. Questions Call: 1-800-528-0361.		
Country / Mail Code:	USA / 34476			

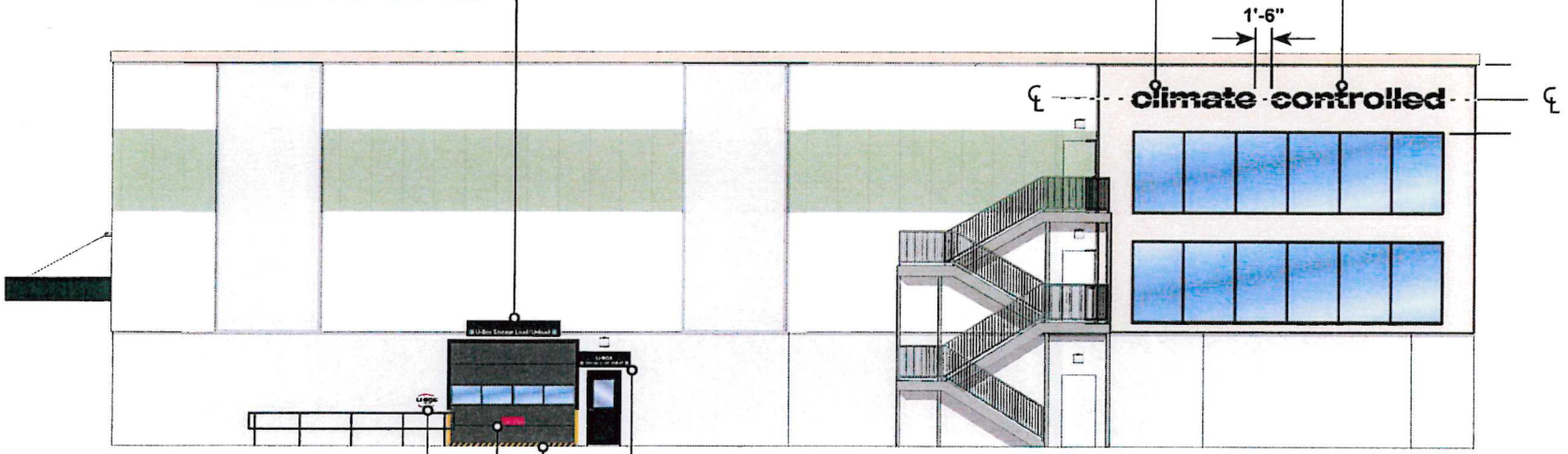
NOTE: Replacement letters, numbers, and symbols, can be ordered using the program book found on property.uhaul.com > design tab > art department download projects link. Program book STG-3XXX-22927

NOTE: You can order Signage from the system.
Use part numbers listed below when ordering.

Install 9'-0" W x 18" H wall mounted U-Box Storage: Load/Unload, centered left to right and 3" above the door trim/reveal.
Mounted PN:62853-171

Install (1) Black "climate" as shown.
24"H Letters use PN: 62818-235

Install (1) Black "controlled" as shown.
24"H Letters use PN: 62818-245



Refer to U-Box Program Book on how to image man door, bay door and proper placement of U-Box signage.
STG3XXX-05505

Install 5'-0" W x 1'-6" H wall mounted U-Box Customer Entrance Door, centered left to right and 3" above the door trim/reveal.
PN:62814-294

Apply 2'-3" W x 0'-10" H Active Driveway signage centered left to right and 4'-0" (+-) to the top of the sign in such a way that it falls within the panel breaks.
Decal: PN:38686-125
Metal: PN:62814-071

Apply 0'-3" high Barricade decal to the bottom of the door. Place order by the foot.
PN:10755-039

4 Southwest Elevation
Bldg A Imaging - Signage

NOTE: Facility Imaging Basics Program Books can be found on property.uhaul.com under the DESIGN tab >> *Art Deptartment Downloads Projects.*

SCALE

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