



Certificate of Appropriateness

Milwaukee Historic Preservation Commission/200 E. Wells Street/Milwaukee, WI 53202/phone 414-286-5712/fax 414-286-3004

Property Description of work

511 N Broadway, East Side Commercial District

INSTALLATION OF ONE (1) SET OF INTERNALLY ILLUMINATED PERFORATED CHANNEL LETTERS LOCATED ON SIDE ELEVATION FACING E. CLYBOURNE. SIGN IS 63.7 SQUARE FEET. SEE ATTACHED RENDERINGS FOR MATERIAL, DETAILS AND DAY/NIGHT PHOTO AND LOCATION.

INSTALLATION OF ONE (1) INTERNALLY ILLUMINATED BLADE SIGN TO THE RIGHT OF THE MAIN ENTRANCE. SIGN IS 14.4 SQUARE FEET. SEE ATTACHED RENDERINGS FOR MATERIAL DETAILS, DAY & NIGHT PHOTOS AND LOCATION.

Date issued

11/4/2022

PTS ID N/A

In accordance with the provisions of Section 320-21 (11) and (12) of the Milwaukee Code of Ordinances, the Milwaukee Historic Preservation Commission has issued a certificate of appropriateness for the work listed above. The work was found to be consistent with preservation guidelines. The following conditions apply to this certificate of appropriateness:

DISREGARD MOUNTING DIAGRAMS. Mounting posts for signs shall be drilled into mortar joints only and not into the face of any brick or stone. Rear pan is preferred for Clybourn wall sign. Surface mounted steel-plates may be used for the Broadway blade/projecting sign. These mounting changes can be accomplished without further HPC review. Any surface-mounted electrical conduit shall be painted to match surrounding building material.

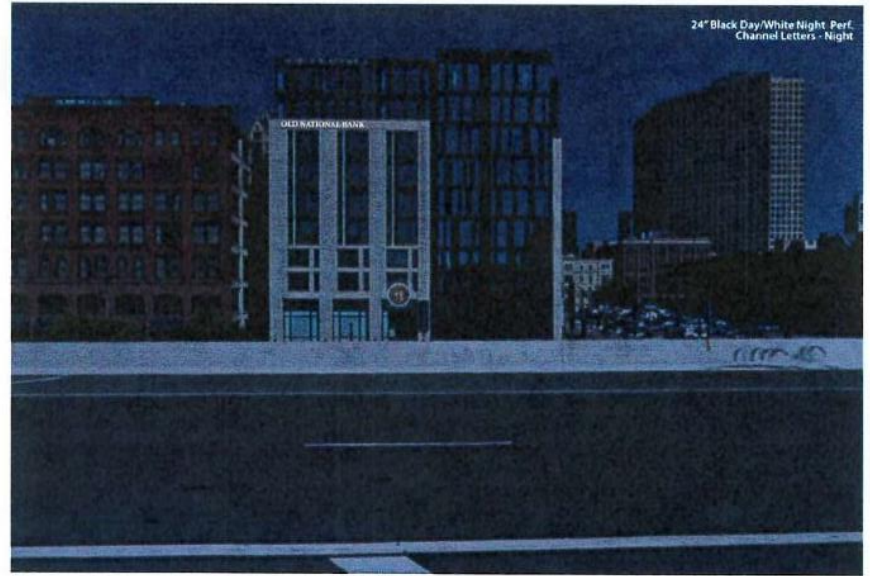
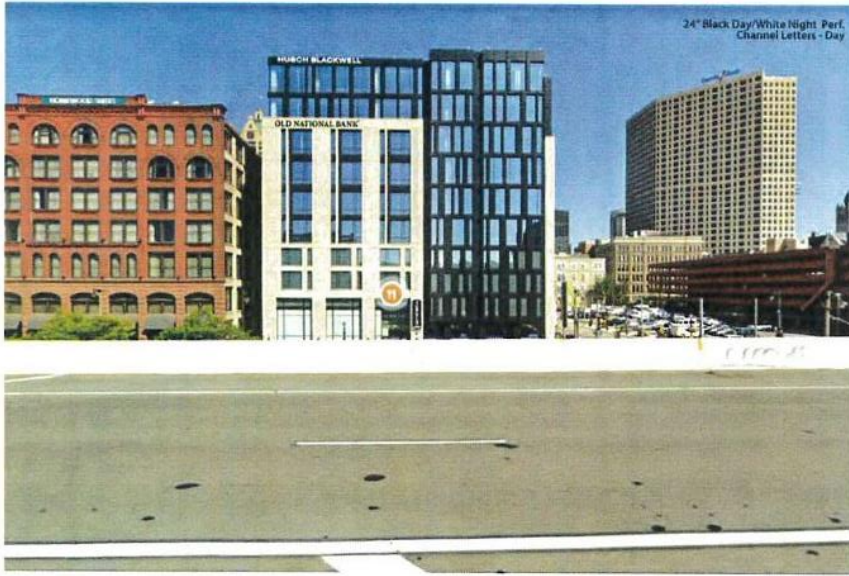
All work must be done in a craftsman-like manner, and must be completed within one year of the date this certificate was issued. Staff must approve any changes or additions to this certificate before work begins. Work that is not completed in accordance with this certificate may be subject to correction orders or citations. If you require technical assistance, please contact Historic Preservation staff as follows: Phone: (414) 286-5712 E-mail: hpc@milwaukee.gov.

If permits are required, you are responsible for obtaining them from the Milwaukee Development Center. If you have questions about permit requirements, please consult the Development Center's web site, www.milwaukee.gov/permits, or call (414) 286-8210.

City of Milwaukee Historic Preservation

Copies to: Development Center, Ald. J. Bauman

24" black face lit channel letters centered on building.



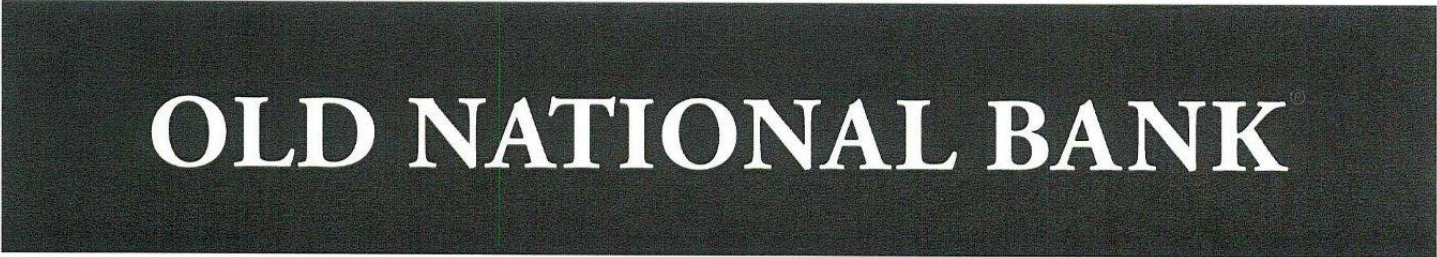
CUSTOM 24" ONB BLACK DAY/WHITE NIGHT PERF. CHANNEL LETTERSET

31'-10 1/16"

2'-0"

OLD NATIONAL BANK®

DAY



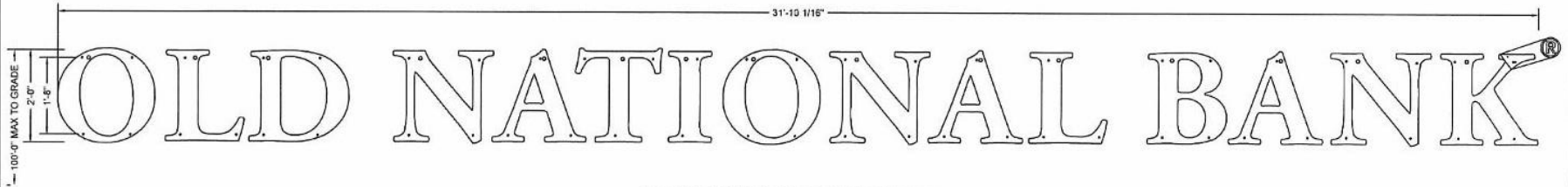
NIGHT



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File Name:	ONB9194
Drawing No.:	ONB9194_SA_PG6
Scale:	1:50
Date:	26APR22



FRONT ELEVATION @ 24" LETTERSET
(SEE COLOR SCHEDULE)

NOTES:

- DESIGN IS BASED ON A 115 MPH, 3 SECOND GUST WIND DESIGN PER IBC 2015, CATEGORY II, EXPOSURE C. COMPONENTS AND CLADDING, ZONE 5. 30 PSF GROUND SNOW LOAD.
- MAXIMUM TENSION PER FASTENER: 26 LBS. MAXIMUM SHEAR PER FASTENER: 13 LBS.
- ALL FASTENERS SHALL BE STAINLESS STEEL OR ZINC COATED TO PREVENT CORROSION.
- THE INSITE GROUP WILL NOT BE RESPONSIBLE FOR THE SAFETY ON THIS JOB SITE BEFORE, DURING OR AFTER INSTALLATION OF THIS STRUCTURE. IT IS THE RESPONSIBILITY OF THE OWNERS, CONTRACTORS AND INSTALLERS TO ENSURE THAT THE INSTALLATION AND ERECTION OF THIS STRUCTURE IS PERFORMED USING METHODS THAT ARE IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- ANY DEVIATION FROM THIS DESIGN OR FROM ANY PART OF THIS DRAWING, INCLUDING THE GENERAL NOTES, WITHOUT PRIOR WRITTEN CONSENT FROM THE INSITE GROUP VOIDS THIS DRAWING IN ITS ENTIRETY.
- THE STRUCTURE DESIGNED ON THIS DRAWING IS PROTOTYPICAL SHOULD NOT BE USED FOR SITE SPECIFIC APPLICATIONS UNLESS REVIEWED AND DEEMED SUITABLE BY A COMPETENT PROFESSIONAL ENGINEER.

INSTALLATION NOTES:

- MANUFACTURER TO PROVIDE FULL SIZE MOUNTING PATTERN.
- INSTALLER TO DRILL MOUNTING HOLES, PER PATTERN
- INSTALLER TO RUN CONDUIT (10' WHIPS FOR EACH LETTER PROVIDED BY MANUFACTURER) FOR EACH ELECTRICAL CONNECTION TO PASS THRU WALL.
- INSTALLER TO PROVIDE AND INSTALL WEATHERPROOF JUNCTION BOXES AS NEEDED BEHIND WALL FOR INDIVIDUAL LETTERS.
- INSTALLER TO RUN CONDUIT AND CONNECTING WIRE FROM JUNCTION BOXES TO PRIMARY POWER SOURCE.
- INSTALLATION OF JUNCTION BOXES AND ELECTRICAL CONNECTIONS TO BE DONE BY QUALIFIED INDIVIDUAL THAT MEETS LOCAL AND NATIONAL CODES.
- MANUFACTURER TO SUPPLY WEATHERPROOF TRANSFORMER BOX WITH LOUVERED VENTS AND SCREENS, TO HELP IN THE DISSIPATION OF HEAT.
- INSTALLER TO SUPPLY MOUNTING ANGLE AS REQUIRED TO COMPLETE INSTALLATION.

LETTER CONSTRUCTION NOTES:

- FACE TREATMENT:**
SEE COLOR SCHEDULE.
- RETURN TO BACK ATTACHMENT:**
STAPLED, WELDED OR RIVETED.
- LED SPECIFICATIONS:**
AGILIGHT PRO160 - LS-PRO160-56K-2B1 WHITE LEDS.
- LETTER INTERIOR:**
PAINT INTERIOR STARBRITE WHITE. CAULK INSIDE PERIMETER OF LETTERS TO PREVENT LIGHT LEAKS.
- PAINT:**
ALL EXTERIOR PAINTS TO HAVE SEMI-GLOSS FINISH. ALL PAINTS TO HAVE A 2.8 VOC. OR LESS AS REQUIRED BY CODE.
- ELECTRICAL:**
10 FOOT WHIP TO EACH LETTER

GENERAL NOTES:

- DO NOT USE GRAPHICS SHOWN ON THIS DRAWING FOR PRODUCTION REFER TO PRODUCTION ELECTRONIC FILES.
- INSTALLER SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS.
- EXISTING WALL CONSTRUCTION TYPE MUST BE DETERMINED AT THE ACTUAL PROPOSED LOCATION OF THE LETTERS BY THE INSTALLER.
- INSTALLER SHALL VERIFY THAT FASTENERS CHOSEN ARE SUITABLE WITH WALL CONDITION TO WITHSTAND THE STATED PULLOUT FORCE.
- THE BUILDING ENGINEER SHALL INCLUDE THE LOADS APPLIED BY THE SIGN STRUCTURE IN THE DESIGN OF THE WALL SYSTEM.
- INSTALLATION SHALL CONFORM TO NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES.



NOTE: (1)
20 AMP DISCONNECT SWITCH SHOULD BE LOCATED ON THE PRIMARY SIDE OF ALL MASTER POWER SUPPLIES. SWITCH MUST BE LOCATED IN SIGHT OF LETTERS OR HAVE CAPABILITY OF BEING LOCKED IN OPEN CIRCUIT POSITION TO MEET U.L. REQUIREMENTS.

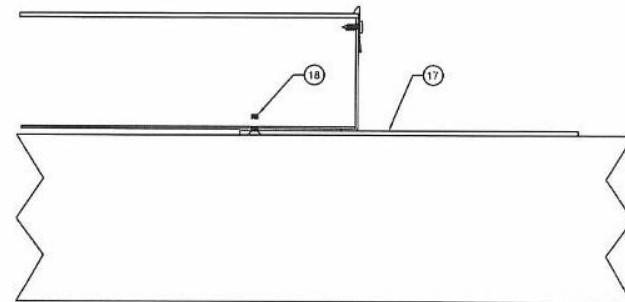
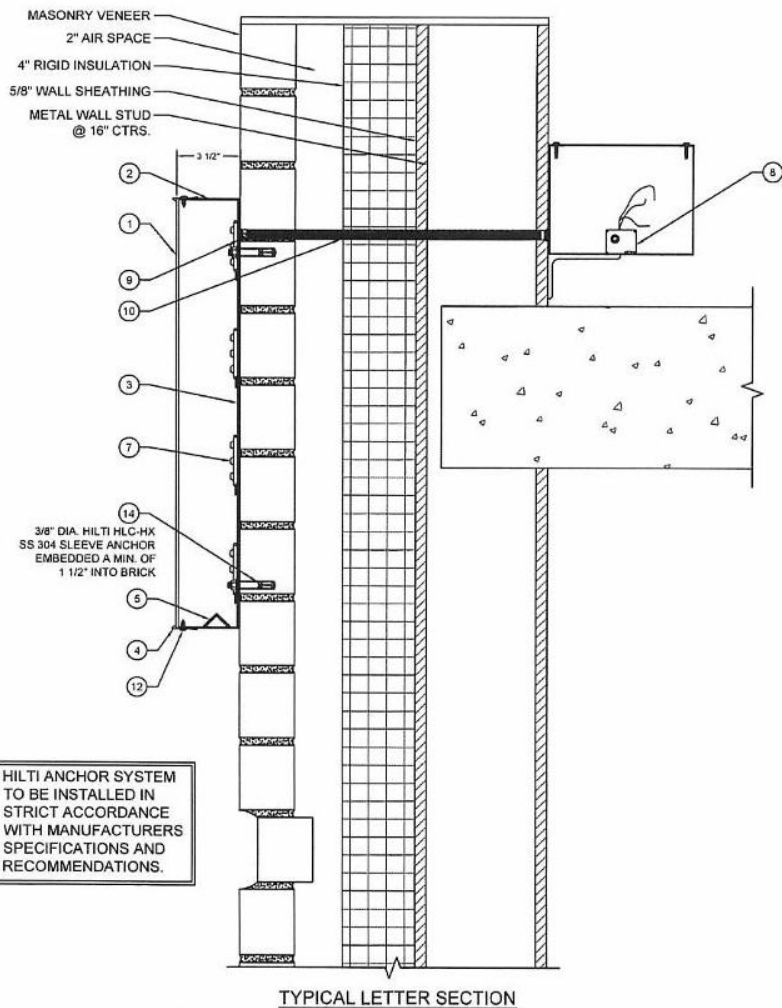
FIND #	DESCRIPTION	TOTAL QUANTITY
1	.150" THK. WHITE HIGH IMPACT MODIFIED ACRYLIC FACE	AR
2	.850" THK. X 4" LONG ALUMINUM RETURN (SEE COLOR SCHEDULE)	AR
3	.903" THK. ALUMINUM BACK	AR
4	1" TRIM CAP (SEE COLOR SCHEDULE)	AR
5	1" X 1" X 1/16" THK. ALUMINUM LIGHT SHIELD	AR
6	3/4" ALUMINUM PLATE	AR
7	AGILIGHT PRO160 WHITE LEDS (LS-PRO160-56K-2B1)	183
8	AGILIGHT 12V6W 100-277V POWER SUPPLY (P512-66WS-100-277V)	3
9	1/2" DIA. CONDUIT CONNECTOR	AR
10	1/2" DIA. LIQUID TIGHT FLEXIBLE CONDUIT	AR
11	20 AMP TOGGLE DISCONNECT SWITCH	AR
12	#10 ALUMINUM PAN HEAD SCREWS ON 12" CENTERS	AR
13	3/16" DIA. ALUMINUM RIVET	AR
14	3/8" DIA. HELIX-CHK 53 304 SLAVE ANCHOR EMBEDDED A MIN. OF 1 1/2" INTO BRICK	52
15	3M #1892-12 BLACK VINYL APPLIED FIRST SURFACE	AR
16	3M #3635-222 BLACK PERFORATED VINYL APPLIED FIRST SURFACE	AR
17	.500" THK CLEAR ACRYLIC PLATE #FOR REGISTRATION MARK	1
18	#10 COUNTER SUNK SCREWS	2

"OLD NATIONAL BANK" COLOR SCHEDULE:

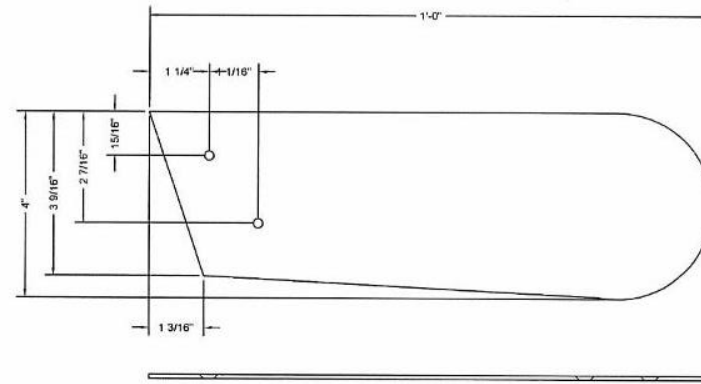
FACE MATERIAL: .150" THK. WHITE HIGH IMPACT MODIFIED ACRYLIC FACE
FACE TREATMENT: 3M #3635-222 BLACK PERFORATED VINYL APPLIED FIRST SURFACE
TRIM CAP COLOR: MATTHEWS BLACK PAINT, SEMI-GLOSS
RETURN COLOR: MATTHEWS BLACK PAINT, SEMI-GLOSS

NOTE:
WHERE DISSIMILAR METALS ARE IN CONTACT THEY MUST BE COATED OR A BARRIER MUST BE PLACED BETWEEN THEM TO PREVENT GALVANIC REACTION.

CLIENT:  OLD NATIONAL BANK*	DESCRIPTION: OLD NATIONAL BANK 511 NORTH BROADWAY MILWAUKEE, WI 53202	NOTE: All designs and plans indicated on this drawing are the sole property of The InSite Group, created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of The InSite Group. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.	SHT. 1 OF 3	BY: L-SR DATE: 05/06/22	Project Number: 22-0298 Drawing Number: B1013812		7875 Oak Ridge Highway Knoxville, Tennessee 37231 Voice: 865.342.8200 Fax: 865.535.6311



REGISTRATION TAB MOUNTING DETAIL



REGISTRATION TAB

CLIENT: 
OLD NATIONAL BANK

DESCRIPTION: **OLD NATIONAL BANK**
511 NORTH BROADWAY
MILWAUKEE, WI 53202

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SHT.

2

BY:

L-SR

Project Number:

22-0298

OF

3

DATE:

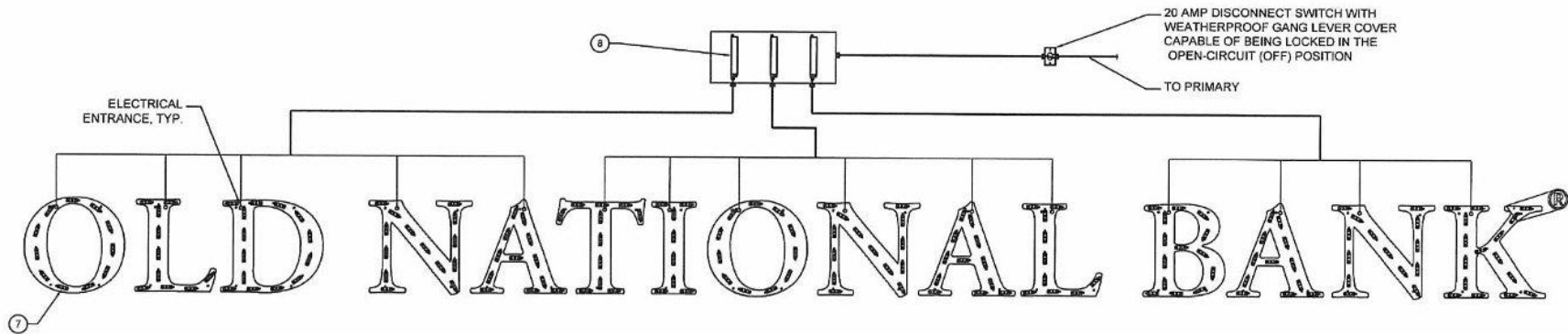
05/06/22

Drawing Number:

B1013812

THE InSite Group

7875 Oak Ridge Highway
Knoxville, Tennessee 37931
Voice: 855.342.8200
Fax: 855.539.6311



(SEE ELECTRICAL CHART)

NOTE:
EACH INDIVIDUAL LETTER TO BE
GROUNDED

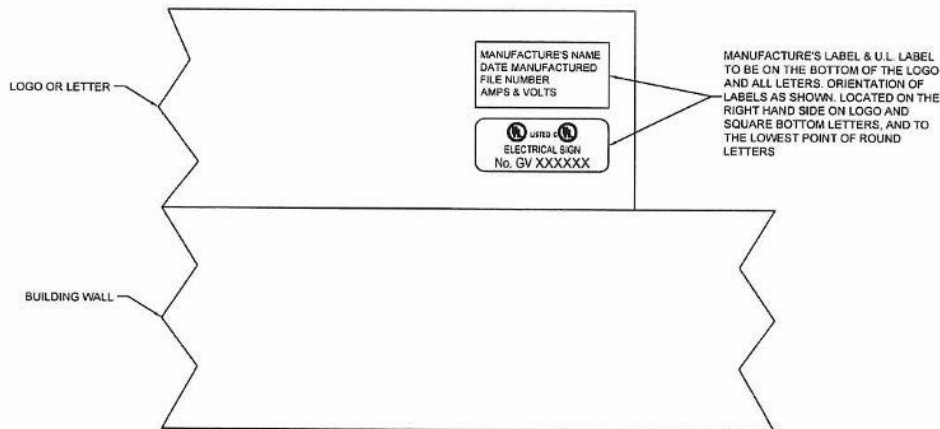
LED ELECTRICAL CHART				
LTR.	WHITE LED	TRANSFORMER	AMPS	20 AMP
O	11	1	0.63	1
L	10			
D	14			
N	14			
A	12			
T	11			
I	8	1	0.63	1
O	11			
N	14			
A	12			
L	10			
B	14			
A	12	1	0.63	1
N	14			
K	16			
TOTAL	183	3	1.89	1



NOTE:
(1) 20 AMP CIRCUIT REQUIRED

ELECTRICAL INSTALLATION KIT

AN ELECTRICAL INSTALLATION KIT TO BE INCLUDED WITH ALL LETTERSETS SHIPPED. THESE SHALL INCLUDE:

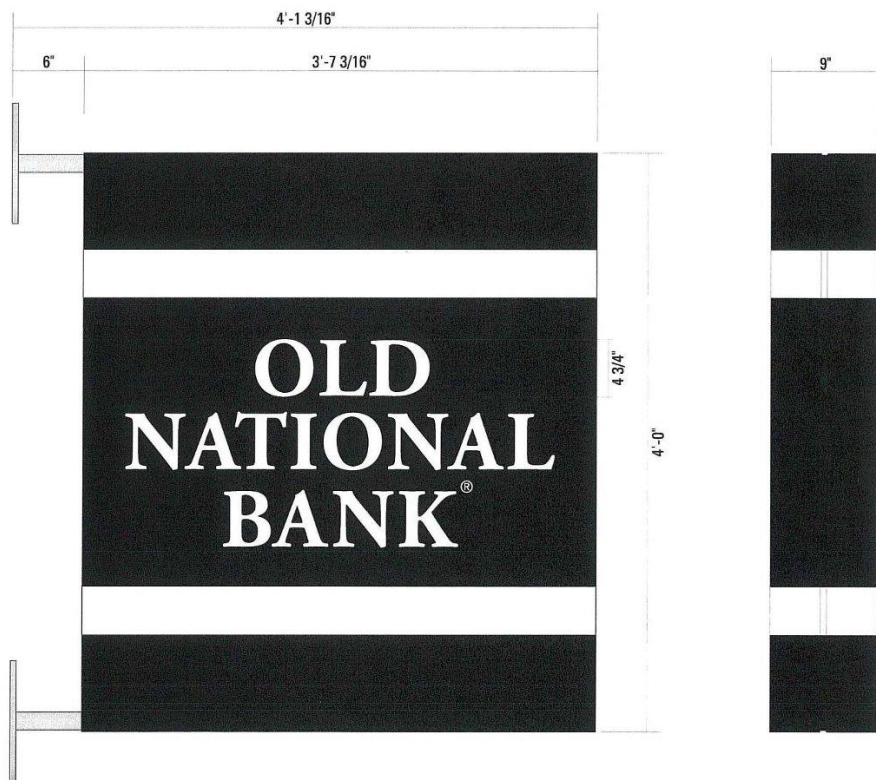
- (1) MOUNTING PATTERN
- (30') WATERPROOF CONDUIT
- (5) JUNCTION BOXES
- (32) CONDUIT CONNECTORS
- (4) WEATHERPROOF POWER SUPPLY BOXES WITH MASTER POWER SUPPLY



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			3	L-SR	22-0298	
			OF	DATE:	Drawing Number:	
			3	05/06/22	B1013812	

CUSTOM ONB-ILLOGO-BLADE-B&W

14.40 SQ FT



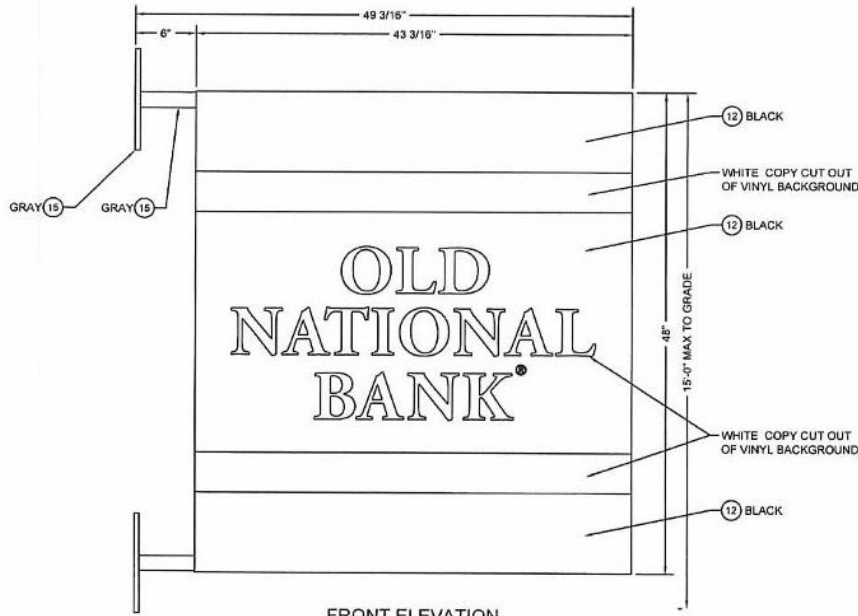
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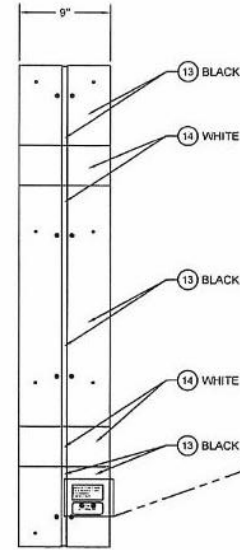
File Name: ONB9194
Drawing No.: ONB9194_SA_PG8
Scale: 1:10
Date: 26APR22

Blade sign with white stripes and white ONB copy.



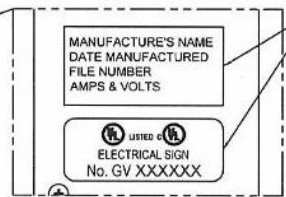


FRONT ELEVATION



SIDE ELEVATION

PN#	DESCRIPTION	TOTAL QUANTITY
1	SIGNCOMP #2107 FLAT BLEED RETRO FRAME II	A/R
2	SIGNCOMP #2121 FLAT BLEED RETRO FRAME COVER	A/R
3	SIGNCOMP #5195 COVER SCREW	26
4	SIGNCOMP #5260 FACE TENSION CLIP	72
5	2 1/2" X 1 1/2" X 3/16" STEEL TUBE FRAME	A/R
6	10" X 10" X 1/2" THK STEEL MOUNTING PLATE	2
7	3/8" THK ALUMINUM PANEL FOR LEDS	1
8	#10 PAN HEAD SELF-DRILLING SCREW	32
9	PRINCIPAL LED PATRIOT LARGE LED (PL-P1654G-P)	84
10	PRINCIPAL LED 95W POWER SUPPLY (PL-95-24-3)	1
11	3M P111 SERIES FLEXIBLE SUBSTRATE	2
12	3M #108C-12 BLACK VINYL APPLIED FIRST SURFACE	A/R
13	MATTHEWS BLACK PAINT, SEMI-GLOSS	A/R
14	MATTHEWS MP 32071 WHITE PAINT, SEMI-GLOSS	A/R
15	MATTHEWS MP 70820 R144525 COOL GRAY PAINT, SEMI-GLOSS	A/R
16	MATTHEWS BLACK 202 PAINT KIT, SEMI-GLOSS	1
17	MATTHEWS MP 32071 WHITE 202 PAINT KIT, SEMI-GLOSS	1
18	MATTHEWS MP 70820 R144525 COOL GRAY 202 PAINT KIT, SEMI-GLOSS	1
19	3/8" DIA THREADED ROD W/ NUTS, FLAT & LOCK WASHERS	8
20	2"x2"x1/8" STEEL ANGLE	A/R
21	#8 TEK SCREWS FOR LED PANEL MOUNTING	16



MANUFACTURE'S LABEL & U.L. LABEL TO BE LOCATED AT BOTTOM SIDE OF SIGN HEAD FACING AWAY FROM BUILDING

DO NOT USE GRAPHICS SHOWN ON THIS DRAWING FOR PRODUCTION REFER TO PRODUCTION ELECTRONIC FILES.

Notes:

- Design is based on a 115 mph, 3 second gust wind design per IBC 2015, Category II, Exposure C, 30 psf Ground Snow Load.
- Additional wind catching surfaces are added to the building structure. The customer's building engineer is to determine the adequacy of the supporting structure.
- Maximum Tension per Fastener: 485 lbs.
Maximum Shear per Fastener: 15 lbs.
- All fasteners shall be zinc coated to prevent corrosion.
- All penetrations shall be sealed to prevent water intrusion.
- All support members shall be free from defects. Steel tube shall meet ASTM A500 Grade B with a minimum yield strength of 46000 psi. Steel angle, channel, & plate shall meet ASTM A36. Aluminum extrusions shall be 6063-T6 alloy. Aluminum sheet shall be 3003-H14 alloy.
- Steel welds shall be made with E70xx low hydrogen electrodes by persons qualified in accordance with AWS standards within the past two years.
- All structural bolts shall conform to ASTM A325, and be zinc coated unless noted otherwise. When used with structural bolts, heavy hex nuts shall conform to ASTM A563, and washers shall conform to ASTM F438. Pretension all high strength bolts using the Turn-of-Nut method unless noted otherwise.
- THE INSITE GROUP will not be responsible for the safety on this job site before, during or after installation of this structure. It is the responsibility of the owners, contractors and installers to ensure that the installation and erection of this structure is performed using methods that are in full compliance with OSHA regulations.
- Any deviation from this design or from any part of this drawing, including the General Notes, without prior written consent from THE INSITE GROUP voids this drawing in its entirety.
- The structure designed on this drawing is intended to be installed at the address shown and should not be used at any other location.

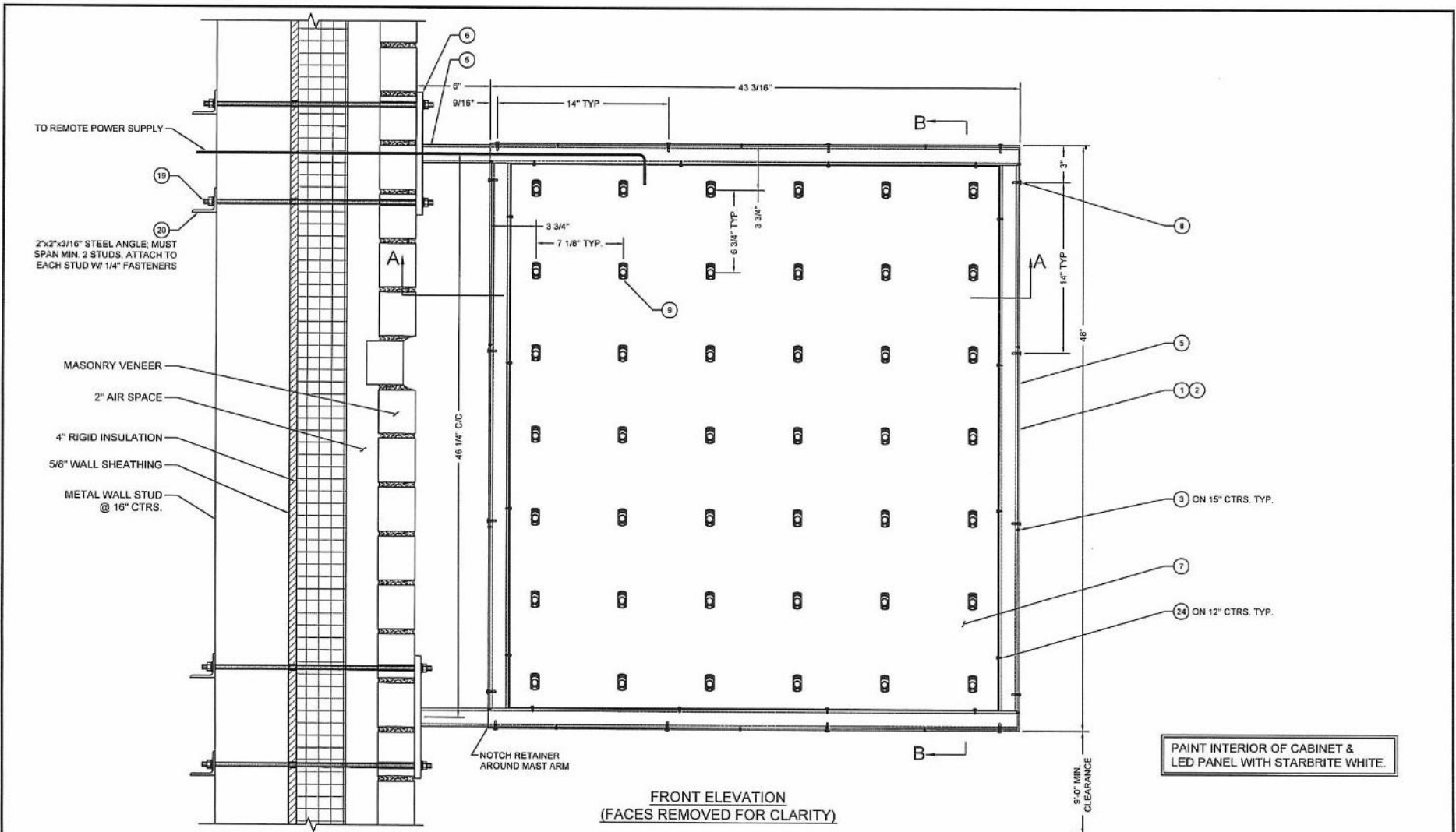
SPECIFICATIONS:

- FRAMING:**
1. WELD ALL AROUND ALL TUBE FRAME JOINTS UNLESS NOTED OTHERWISE.
- RETAINER:**
1. SIGNCOMP BLEED RETAINER SYSTEM, TO BE INSTALLED AND TENSIONED PER MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.
- FACE & VINYL:**
1. 3M P111 PANAFLEX FACE MATERIAL, TO BE INSTALLED AND SIZED PER MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.
2. ALL VINYL IS TO BE APPLIED FIRST SURFACE AND TO EXTEND TO EDGE OF FACES.

GENERAL NOTES:

- GRAPHICS:**
1. DO NOT USE GRAPHICS SHOWN ON THIS DRAWING FOR PRODUCTION REFER TO PRODUCTION ELECTRONIC FILES.
- SHIPPING:**
1. CABINET IS TO SHIP IN ONE PIECE.
2. MOUNTING HARDWARE MUST BE PACKAGED AND SHIPPED IN SIGN CRATE.
- COLOR SCHEME:**
1. PAINT INTERIOR OF CABINET & LED PANEL WITH STARBRITE WHITE.
2. ALL PAINTS TO HAVE SEMI GLOSS COAT.
- OTHER:**
1. WHERE DISSIMILAR METALS ARE IN CONTACT THEY MUST BE COATED OR A BARRIER MUST BE PLACED BETWEEN THEM TO PREVENT GALVANIC REACTION.

<p>OLD NATIONAL BANK</p>	<p>DESCRIPTION: OLD NATIONAL BANK 511 NORTH BROADWAY MILWAUKEE, WI 53202</p>	<p>NOTE: All designs and plans indicated on this drawing are the sole property of The InSite Group, created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of The InSite Group. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.</p>	SHT.	BY:	Project Number:	<p>7675 Oak Ridge Highway Knoxville, Tennessee 37931 Voice: 855.342.8200 Fax: 855.538.6311</p>
			1	L-SR	22-0298	
			DF:	DATE:	Drawing Number:	
			4	05/09/22	B1013818	



FRONT ELEVATION
(FACES REMOVED FOR CLARITY)

PAINT INTERIOR OF CABINET & LED PANEL WITH STARBRITE WHITE.

CLIENT:  **OLD NATIONAL BANK**

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511 NORTH BROADWAY
MILWAUKEE, WI 53202

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2	L-SR	22-0298
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