

Exhibit K

Section 95, Block 1, Lots 4.12, 69.25, 54.1 & 49.12

TOWN OF NEWBURGH: COUNTY OF ORANGE
ZONING BOARD OF APPEALS

-X

In the Matter of the Application of

MATRIX NEWBURGH I, LLC

RESOLUTION

For area variances as follows:

- *Grant of a variance allowing a building height of 45 feet where 4-0 feet is the maximum allowed;*
- *Grant of a variance allowing a directional sign of 150 square feet where 3 square feet is the maximum allowed;*
- *Grant of a variance allowing a total of 614 square feet of business sign area to be allocated over 5 signs as shown on the plans submitted by the applicant.*

-X

The Zoning Board of Appeals ("ZBA") hereby adopts this resolution to: (1) correct a typographical error inadvertently contained in its November 24, 2015 decision on this application; and (2) to clarify its SEQRA review related to its November 24, 2015 decision.

Introduction

Matrix Newburgh I, LLC (hereinafter "the Applicant") submitted a site plan application to the Town of Newburgh Planning Board for a project designated as the "Matrix Business Park at Newburgh." The proposed project will be situate on 71 +/- acres of land on the north side of New York State Route 17K and consists of tax parcels 95-1-4.12, 69.25, 54.1 and 49.12. It is in the IB (Interchange Business) Zoning District. The site plan application seeks the necessary approvals to

construct a 565,320 +/- square foot multi-tenant warehouse building (hereinafter the "Project").

During the site plan review process, the Planning Board conducted a co-ordinated SEQRA review of the Project with all involved agencies, including the ZBA, as required by the SEQRA regulations (6 NYCRR §617.6(b)(3)). The Planning Board designated itself as the SEQRA lead agency for the Project on September 16, 2015. On September 22, 2015, the Planning Board referred the Project to the ZBA for consideration of three area variances. On November 19, 2015, the Planning Board adopted a Negative Declaration for the Project pursuant to SEQRA (6 NYCRR §617.7) concluding that the Project would have no significant adverse impact upon the environment. The Negative Declaration also evaluated the potential environmental impacts related to granting the area variances for the Project.

On November 24, 2015, the ZBA held a public hearing on the variance application. After the public hearing was closed, the ZBA adopted a written decision granting the area variances for the Project. The decision also stated that the ZBA had conducted an uncoordinated SEQRA review of the variance applicants. However, while the ZBA conducted its own SEQRA review to help inform its decision on the area variances, the SEQRA regulations (6 NYCRR §617.6(b)) state the Planning Board's negative Declaration shall be binding on all other involved agencies, including the ZBA. (See 6 NYCRR §617.6(b)(3)(iii)). As a result, the ZBA's SEQRA review, while helpful, was not required under the law. On December 17, 2015, the Planning Board affirmed its negative Declaration.

The Applicant had originally applied for a variance allowing a directional

sign containing 214 square feet where 3 square feet is the maximum allowed under the Zoning Code. However, during the hearing, the Applicant revised the variance being requested from 214 square feet to 150 square feet. The ZBA approved this variance. However, the ZBA's November 24, 2015 decision inadvertently stated that the variance had been granted for a 214 square foot sign. This typographical error should be corrected.

Resolution

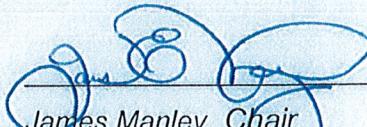
Based on the foregoing, the ZBA hereby resolves as follows:

1. The Planning Board, as the SEQRA lead agency, conducted a coordinated environmental review of the Project with all involved agencies including the ZBA as required by SEQRA (6 NYCRR §617.6(b));
2. Following coordinated review, the Planning Board adopted a Negative Declaration pursuant to SEQRA (6 NYCRR §617.7) which, among other others, addressed all potential significant environmental impacts related to the variances before the ZBA;
3. SEQRA provides that the Planning Board's Negative Declaration is binding on all other involved agencies, including the ZBA, under 6 NYCRR §617.7 (b)(3)(iii);
4. Following the Planning Board's adoption of the Negative Declaration, the ZBA granted the variances for the Project in a written decision dated November 24, 2015;
5. While the ZBA conducted its own SEQRA review to help inform its

decision, the ZBA acknowledges that the Planning Board's Negative Declaration was binding on the ZBA and no further SEQRA review was required by the ZBA; and

6. The ZBA's November 24, 2015 decision should be clarified to read that a variance was granted allowing a directional sign of 150 feet, not 214 square feet;
7. The ZBA otherwise reaffirms its November 24, 2015 decision granting the area variances for this application.

Dated: January 28, 2016



James Manley, Chair
Town of Newburgh ZBA

By roll call a motion to adopt the decision was voted as follows:

AYES: Chair James Manley
Member Michael Maher
Member John McKelvey
Member John Masten
Member Darrin Scalzo

NAYS: None

ABSENT: Richard Levin

STATE OF NEW YORK)
)
COUNTY OF ORANGE)
)

I, BETTY GENNARELLI, Secretary to the Zoning Board of Appeals of the Town of Newburgh, do hereby certify that the foregoing is a true and exact copy of a Resolution maintained in the office of the Town of Newburgh Zoning Board of Appeals, said resulting from a vote having been taken by the Zoning Board at a meeting of said Board held on January 28, 2016.

Betty Gennarelli

BETTY GENNARELLI, SECRETARY

TOWN OF NEWBURGH ZONING BOARD OF APPEALS

I, ANDREW J. ZARUTSKIE, Clerk of the Town of Newburgh, do hereby certify that the foregoing Resolution was filed in the Office of the Town Clerk on

FEB 3 2016

Andrew J. Zarutskie

ANDREW J. ZARUTSKIE, CLERK
TOWN OF NEWBURGH

Exhibit L



DS-01 Sign Location

DS-02 Sign Location



DS-03 Sign Location



DS-04 Sign Location





Directional Sign – 108 Rt 17K

**AFFIDAVIT OF POSTING(S) OF
NOTICE OF PUBLIC HEARING
AT THE PROPERTY**

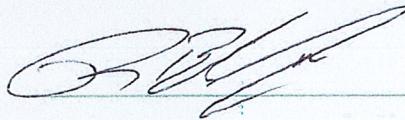
STATE OF NEW YORK: COUNTY OF ORANGE:

I Ramon B Gonzalez, being duly sworn, depose and say that I did on or before

September 14, 2023, post and will thereafter maintain at

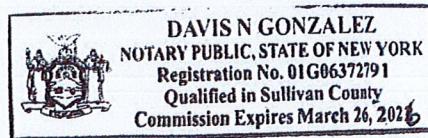
2 & 4 Matrix Dr 60-3-57 & 58 IB Zone in the Town of Newburgh, New York, at or near the front property line(s) and within view of each fronting street a copy(ies) of the Notice of Public Hearing, which notice was in the form attached hereto.

The applicant shall maintain and update notice(s) (with amended information if there is any change to the information contained in the original Notice of Hearing) until after the Public Hearing is closed. The Notice must then be removed and properly disposed of within ten (10) days of the close of the Public Hearing. Failure to follow the required procedure may result in the Public Hearing being held open for additional time.



Sworn to before me this 11th

day of September, 2023.







TOWN OF NEWBURGH

Crossroads of the Northeast

ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD

TELEPHONE 845-564-4901
FAX LINE 845-564-7802

NOTICE OF HEARING

NOTICE is hereby given that, pursuant to Section 267-a (1) of the Town Law, State of New York and Section 105-55A (1) of the Zoning Ordinances of the Town of Newburgh, a Public Hearing will be held by the Zoning Board of Appeals of the Town of Newburgh, New York on Thursday the 28th day of September, 2023 at 7:00 P.M. In the Town Hall, 1496 Route 300, Town of Newburgh, New York, to act upon the following appeal:

APPLICATION of 2 & 4 Matrix Dr LLC, Matrix/PPF Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr.

PREMISES LOCATED at 2 & 4 Matrix Dr 60-3-57 & 58 IB Zone in the Town of Newburgh, New York.

TAKE NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 14th day of September, 2023.

A handwritten signature in black ink, appearing to read "Raymond Aquino".
APPLICANT
RAYMOND AQUINO





TOWN OF NEWBURGH

Gateway to the Northeast

ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD

TELEPHONE 845-566-4901
FAX LINE 845-564-7802

NOTICE OF HEARING

NOTICE is hereby given that, pursuant to Section 267-a (1) of the Town Law, State of New York and Section 185-55A (1) of the Zoning Ordinances of the Town of

Newburgh, a Public Hearing will be held by the Zoning Board of Appeals of the Town of Newburgh, New York on Thursday the 28th day of September, 2023

at 7:00 P.M., in the Town Hall, 1496 Route 300, Town of Newburgh, New York, to act upon the following appeal:

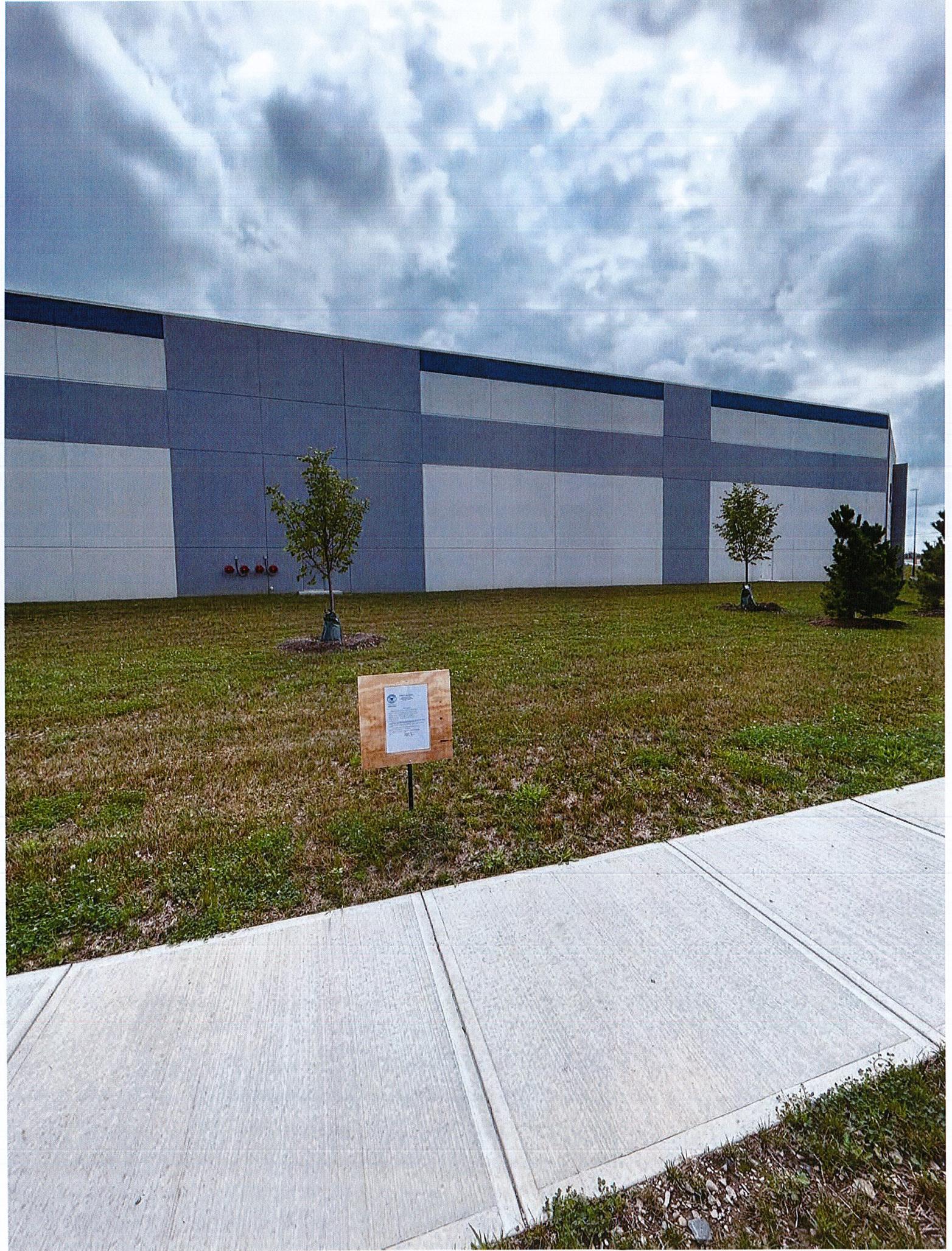
APPLICATION of 2 & 4 Matrix Dr LLC, Matrix/PPE Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr.

PREMISES LOCATED at 2 & 4 Matrix Dr, 60 1/2 S. 8th Street in the Town of Newburgh, New York.

TAKE NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 14th day of September, 2023.

[Handwritten signatures]
APPLICANT
BOWMAN & CO., INC.





TOWN OF NEWBURGH

Crossroads of the Northeast
ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD
TELEPHONE 845-566-4901
FAX LINE 845-564-7802

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APPLICATION of 2 & 4 Matrix Dr LLC, Matrix/PDF Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr.
PREMISES LOCATED at 2 & 4 Matrix Dr - 60-3-57 & 50 - Ii Zone, in the Town of Newburgh, New York.

TAKE NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 14th day of September, 2013.

[Signature]
APPLICANT
BOSTON & CO.





TOWN OF NEWBURGH

Crossroads of the Northeast

ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD

TELEPHONE 845-566-4901
FAX LINE 845-564-7802

NOTICE OF HEARING

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APPLICATION of 2 & 4 Matrix Dr LLC, Matrix/PPP Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr.
PREMISES LOCATED at 2 & 4 Matrix Dr - 60-3-57 & 58 in Zone in the Town of Newburgh, New York.

TAKE NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 14th day of September, 2023.

A handwritten signature in black ink, appearing to read "F. J. [illegible]".
APPLICANT
ROTHMAN & CO., INC.

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TOWN OF NEWBURGH

Crossroads of the Northeast
ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD

TELEPHONE 845-566-4901
FAX LINE 845-564-7802

NOTICE OF HEARING

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APPLICATION of 2 & 4 Matrix Dr LLC, Matrix/PPE Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr

PREMISES LOCATED at 2 & 4 Matrix Dr 60-3-57 & 58 IB Zone in the Town of Newburgh, New York.

TAKE NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 14th day of September,
2023.

(APPLICANT)
DONALD J. QUINO





TOWN OF NEWBURGH

Commune of the Northeast
ZONING BOARD OF APPEALS
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

OFFICE OF ZONING BOARD
TELEPHONE 845-566-4901
FAX LINE 845-566-7892

NOTICE OF HEARING

NOTICE is hereby given that, pursuant to Section 267-a (1) of the Town Law, State of New York and Section 185.55a (1) of the Zoning Ordinances of the Town of Newburgh, a Public Hearing will be held by the Zoning Board of Appeals of the Town of Newburgh, New York on Thursday the 28th, day of September, 2023 at 7:00 P.M. in the Town Hall, 1495 Route 300, Town of Newburgh, New York, to act upon the following appeal:

APPLICATION of 2A, 4 Matrix Dr LLC, Matrix/PPF Newburgh for area variances of square footage and height to install 4 total tenant directional signs at 2 Matrix Dr and 4 Matrix Dr.

PREMISES LOCATED at 2 & 4 Matrix Dr - 60-3-57 & 58 - 1B Zone in the Town of Newburgh, New York.

TAKEN NOTICE that the applicant should appear at the hearing and all persons interested in any way may appear and be heard by the Board.

BY ORDER of the Zoning Board of Appeals dated the 11th, day of September, 2023.

[Signature]
APPLICANT
DRAFTED BY [Signature]



FUTURE SIGNS

2 & 4 Matrix Drive, Newburgh, NY

DESIGN SPECIFICATIONS	
ASCE 7-16	ASCE 7-16 Seismic Design Code, 2016
AIC 318-14	AIC 318-14 Building Code Requirements for Structural Engineers
ANSI/AISC 360-16	ANSI/AISC 360-16 Specification for Structural Steel Buildings
DESIGN LOADS	
Wind	V = 115 mph
Exposure	C
Risk Ctr.	H
Ground Snow	g = 30 psf

4 - 4' X 4' x 78" Double-Sided Directory Signs

Fabricated of 1/4" Thick Aluminum

(2) 4" x 4" x 8.5" 3/16" Thk. Aluminum Posts

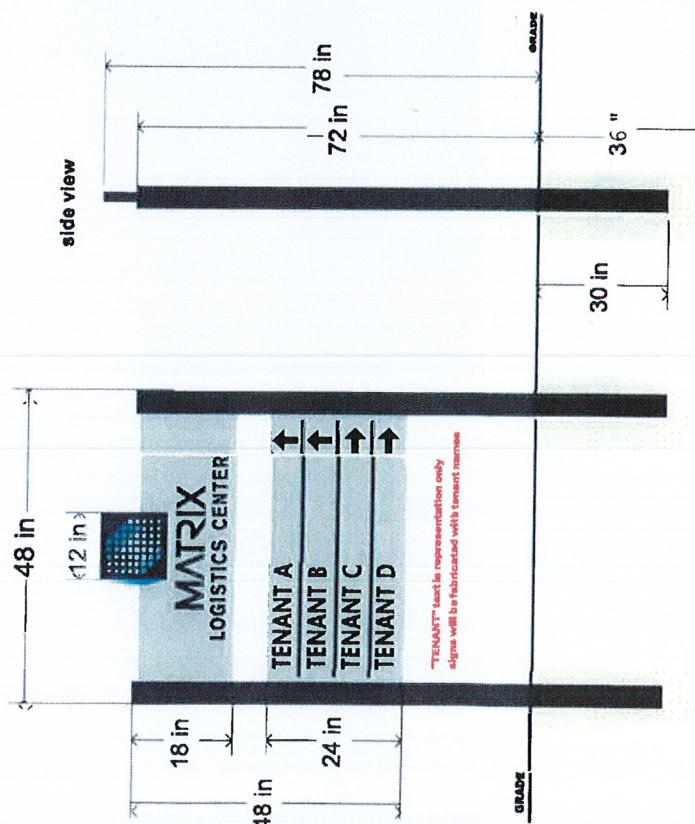
Commercial Extrusions (All Welded Construction)

Primed & Painted with Automotive Finish.

All Lettering 3M vinyl

Install with Concrete Footings

(2) 1'-6" Diam Footer 3'-0" Deep 3000 Min psi



FUTURE SIGNS

19 BOWHILL AVENUE • HAMILTON, NJ • 08610

609-695-6263 FAX: (609) 695-2253

SCALE = NONE	CHECK STYL	DRAWN BY KA	DATE 7/05/23	SHEET 1 OF 1
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Java Riedelbach, P.E.
Professional Engineer
N.J.C.E. Lic. #0358832
7/18/2023



MURDOCH
ENGINEERING
HIGH STRUCTURE PROFESSIONALS

GENERAL:

- ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE INTERNATIONAL BUILDING CODE (IBC).
- CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCES OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES ON REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES THAT ARE FOUND. NOTED DIMENSIONS TAKE PREFERENCE OVER SCALED DIMENSIONS, DO NOT SCALE DRAWINGS.
- ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND FIELD INSPECTOR. THE ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
- WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, CONSTRUCT IN ACCORDANCE WITH THE STEEL CONSTRUCTION MANUAL, 14TH EDITION OR 2010 ALUMINUM DESIGN MANUAL.
- WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- ANY CHANGE TO THE DESIGN AS SHOWN ON THE DRAWINGS REQUIRES PRIOR WRITTEN APPROVAL FROM DESIGN ENGINEER OF RECORD BEFORE CONSTRUCTION.
- WORK PERFORMED IN CONFLICT WITH THE STRUCTURAL DRAWINGS OR APPLICABLE BUILDING CODE REQUIREMENTS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
- VERIFICATION, VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE EOR IMMEDIATELY OF ANY DISCREPANCIES.

CONDITIONS:

- IF EXISTING CONDITIONS ARE NOT AS DETAILED IN THIS DESIGN, THE INSTALLER SHALL CEASE WORK AND NOTIFY MURDOCH ENGINEERING IMMEDIATELY.
- MURDOCH ENGINEERING WILL NOT BE PERFORMING ON-SITE INSPECTIONS OR VERIFICATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER, STRUCTURE OWNER, AND PROPERTY OWNER TO IDENTIFY EXISTING CONDITIONS AND CONTACT MURDOCH ENGINEERING WITH ANY DISCREPANCIES OR CONCERN.
- INSTALLER SHALL CONFIRM THE DIAMETER AND THICKNESS OF EXISTING MEMBERS AND NOTIFY MURDOCH ENGINEERING OF ANY DISCREPACIES.
- INSTALLER SHALL INSPECT AND CONFIRM THE QUALITY OF EXISTING STRUCTURE AS "IN GOOD REPAIR". IF THERE ARE ANY INDICATIONS THAT THIS IS NOT THE CASE, INSTALLER SHALL CEASE WORK IMMEDIATELY AND NOTIFY MURDOCH ENGINEERING.
- ANY EXISTING INFORMATION SHOWN HAS BEEN FURNISHED BY THE PERSON(S) OR COMPANY THIS DOCUMENT WAS PREPARED FOR.
- IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE, MURDOCH ENGINEERING SHALL BE NOTIFIED IMMEDIATELY.

STEEL:

- STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:

ROUND HSS	ASTM A500, SR B
SQUARE/HSS	ASTM A500, SR B
THREADED ROD	F155 GR 55 MIN.
STEEL PLATE STD.	ASTM A36 ASTM A53, GR B
- BOLTS SHALL CONFORM TO ASTM A325 UNO.
- BOLTS AND DIP GALVANIZED PER ASTM F2329 UNO.
- ANCHOR BOLTS SHALL CONFORM TO ASTM A563.
- NUTS SHALL CONFORM TO ASTM F844.
- WASHERS SHALL CONFORM TO ASTM F844.
- STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED FOR ASTM A133 UNO.
- WELDING:
 - WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED BY GOVERNING CODE AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WITH SPECIFIED TENSILE STRENGTH NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE.
 - ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH ACTIVE STATUS AT TIME OF WELDING.
 - UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELDS PER AISC SPECIFICATION, SECTION J2, TABLE J2.4
 - BASE PLATES SHALL BE WELDED ON TOP AND BOTTOM WITH CONTINUOUS WELDS OF AT LEAST 1/4" (IF PLATE IS CUT TO FIT TUBE INTO PLATE)

The details and specifications contained in this drawing are confidential. The recipients of the drawing hereby acknowledge and agree that it is the sole property of Murdoch Engineering and that they shall neither use nor reveal any of the designs, details and specifications contained in this drawing outside of the contractual agreement expressed written permission from Murdoch Engineering. Deviations from this drawing shall not be made without consulting Murdoch Engineering. In case of inconsistencies between drawings, specifications, and details included in contract documents, Murdoch Engineering shall decide which document must be followed and their location shall be final. Copyright Murdoch Engineering. All rights reserved.

ALUMINUM:

- FABRICATE AND ERECT ALUMINUM IN COMPLIANCE WITH THE ALUMINUM ASSOCIATION (AA) 2010 ALUMINUM DESIGN MANUAL (ADM) 1, THE SPECIFICATIONS FOR ALUMINUM SHEET METAL WORK (ADM1), AND IBC CHAPTER 20.
- PIPE AND TUBE SHALL BE 6061-T6 PER ASTM B244 OR 6469 WITH Fy=35 KSI MIN., Ftuw=24 KSI MIN., Fyw=1.5 KSI MIN.
- STD STRUCTURAL PROFILEES SHALL BE 6061-T6 PER ASTM B908 WITH Ftuw=38 KSI MIN., Fyw=35 KSI MIN., Ftuw=24 KSI MIN. Fyw=1.5 KSI MIN.
- PIPE AND PLATE SHALL BE 6061-T6 PER ASTM B105 WITH Ftuw=42 KSI MIN., Fyw=24 KSI MIN. Ftuw=42 KSI MIN. Fyw=24 KSI MIN. Ftuw=42 KSI MIN., Fyw=35 KSI MIN.
- EXTRUSIONS SHALL BE 6061-T6 PER ASTM B241 OR B425 WITH Ftuw=38 KSI MIN., Fyw=35 KSI MIN., Ftuw=24 KSI MIN. Fyw=1.5 KSI MIN.
- ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH CURRENT STATUS AT TIME OF WELDING.
- UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER ADM. ALL ALUMINUM WELDED JOINTS SHALL HAVE A WELD SIZE OF AT LEAST 1/4 INCH.
- FILLET WELDS SHALL NOT EXCEED THINNESS MEMBER WALL THICKNESS JOINED.
- ALUMINUM WELD FILLER SHALL BE 5356 ALLOY BUTT WELDING PROCESS GMAW OR GTAW SHALL BE IN ACCORDANCE WITH AWS D1.2.
- ALUMINUM CHANNEL LETTERS SHALL BE CONSTRUCTED OF 0.090" RETURNS AND 0.125" BACKS MINIMUM, UNLESS A LARGER SIZE IS INDICATED ON DRAWINGS. THIS NOTE SHALL SUPERSEDE DRAWING DETAILS.
- PROVIDE A NEOPRENE GASKET BETWEEN SIMILAR METALS TO PREVENT GALVANIC CORROSION
- ALUMINUM DIRECTLY IMBEDDED INTO CONCRETE SHALL BE CAPPED AT BOTTOM AND COATED WITH BUTTINUM COATING OR POLYTUENE WHERE IN CONTACT WITH CONCRETE.
- ASTERS BETWEEN SIMILAR METALS SHALL BE STAINLESS STEEL 316.

CONCRETE & REINFORCEMENT

- MINIMUM 28-DAY COMPRESSIVE STRENGTH (f'c) SHALL BE 3,000 PSI. THE MAXIMUM WATER TO CEMENT RATIO SHALL BE 0.45 BY WEIGHT. A MINIMUM OF 5-3/4 BAGS OF CEMENT SHALL BE USED PER CUBIC YARD WITH A SLUMP OF 4"-4 1/2".
- REINFORCEMENT TO BE ASTM A615 GR 50 Fyw=60 KSI UND.
- CALCIUM CHLORIDE OR ADDED CHLORIDE IS NOT PERMITTED.
- VIBRATION: ALL REINFORCED CONCRETE SHALL BE CONSOLIDATED WITH MECHANICAL VIBRATORS
- CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14.
- PROVIDE A MINIMUM OF 2 1/2" COVER OF ALL EMBEDDED STEEL REBAR AND A MINIMUM OF 6 INCHES OF COVER FOR DIRECT BURIED PIPE OR TUBE MEMBERS.

FOUNDATIONS:

- CONCRETE POURED INTO CONSTRAINED EARTH EXCAVATIONS MUST CURE UNDER PROPER CONDITIONS FOR A MINIMUM OF 7 DAYS PRIOR TO SIGN BOX INSTALLATION, EXCEPT: IF THE OVERALL HEIGHT OF THE SIGN IS LESS THAN 20 FEET AND THE SIGN IS ADEQUATELY BRACED AGAINST WIND LOADS FOR A MINIMUM OF 4 DAYS, THE SIGN MAY BE INSTALLED THE SAME DAY AS THE FOOTING IS POURED.
- FOOTINGS MUST BE POURED AGAINST UNDISTURBED EARTH. SOIL RACKELL IS UNACCEPTABLE. WHEN A SONOTUBE IS USED AS THE FORM, 3/4" BLUESTONE OR CONCRETE SHALL BE USED TO BACKFILL THE SPACE BETWEEN THE SONOTUBE AND UNDISTURBED EARTH.
- COLD WEATHER PLACEMENT: PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS OR LOW TEMPERATURES. DO NOT POUR CONCRETE DURING OR WHEN FREEZING TEMPERATURES ARE ANTICIPATED WITHIN 3 DAYS OF POUR.
- REINFORCEMENT IS NOT REQUIRED FOR DIRECT BURIAL TYPE SIGN FOOTINGS FOR SIGNS OF 25 FEET OVERALL HEIGHT OR LESS. DIRECT BURIED STEEL SHALL EXTEND 6 INCHES FROM BOTTOM OF FOOTING.
- FOR ANCHOR BOLT BASE PLATE, -SQUARE FOOTINGS, PROVIDE A MINIMUM OF 6" VERTICAL REAR @ 12" O.C. UNLESS OTHERWISE NOTED.
- FOR ANCHOR BOLT BASE PLATE, -ROUND FOOTINGS, PROVIDE A MINIMUM OF SIX (6) VERTICAL TIES @ 13" O.C. REAR, EVENLY SPACED. 4" OFF-SET FROM FOOTING PERIMETER & 4" HORIZONTAL TIES, 12" O.C. UNLESS OTHERWISE NOTED.
- ANCHOR BOLTS SHALL BE TIED TO REAR CAGE AT A MINIMUM OF TWO LOCATIONS PER ANCHOR BOLT.
- FOOTING DESIGN ASSUMES FOOTING SHALL BE EXCAVATED AND POURED IN UNDISTURBED NATURAL EARTH, CAPABLE OF WITHSTANDING A MINIMUM 1,500 PSF VERTICAL DESIGN BEARING PRESSURE AND 120 PSF/FT DEPTH OF LATENT BEARING PRESSURE BASED ON SOIL DATA OBTAINED FROM THE USGS SOIL SURVEY.
- IF CLAY, SILTY, CLAY, ORGANIC OR FIL SOIL IS ENCOUNTERED UPON EXCAVATION, CONTACT MURDOCH ENGINEERING FOR FOOTING DESIGN MODIFICATION PRIOR TO CONSTRUCTION.
- PORTION OF STEEL SUPPORT EMBEDDED INTO CONCRETE SHALL NOT BE PAINTED. IT SHALL BE CLEAN BARE METAL FOR PROPER ADHESION TO CONCRETE

SCOPE OF WORK:

- LIMITS OF LIABILITY TO EXTEND ONLY TO THE QUANTITY INDICATED. ATTEMPTS IN PART OR IN WHOLE TO INSTALL GREATER QUANTITIES THAN THOSE SPECIFIED WITHOUT CONSULTING MURDOCH ENGINEERING SHALL VOID ALL PROFESSIONAL LIABILITY AND COVERAGE.

John Wannisch, PE
Professional Engineer
NYS Lic. #0882C
7/14/2023

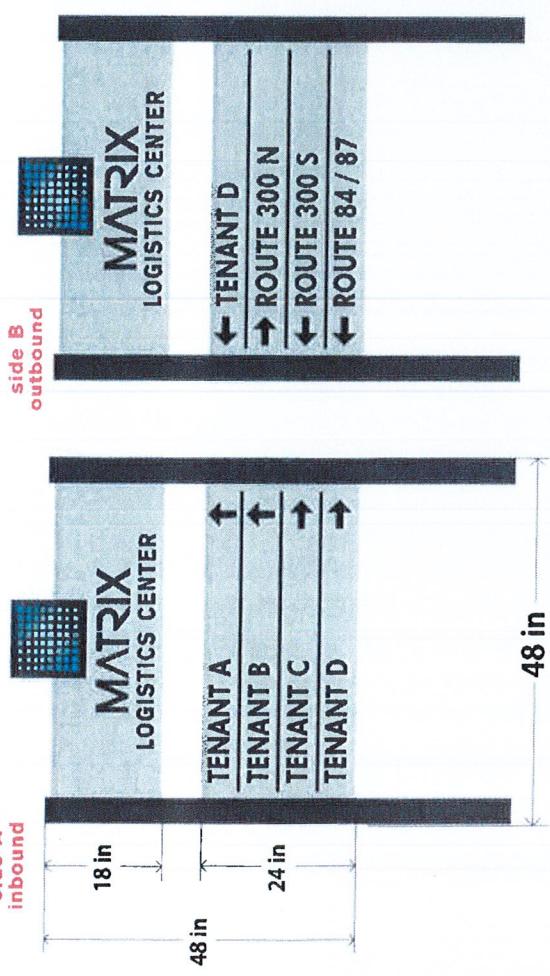
DWG TITLE: GENERAL NOTES

SHEET: S.1

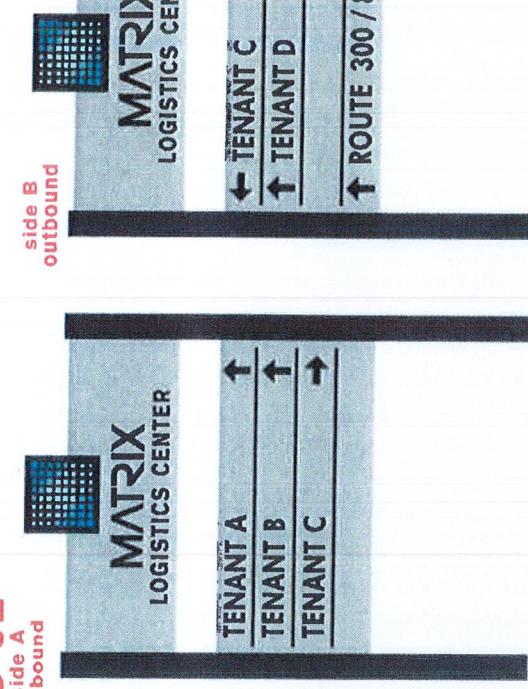
SIZE: B

MURDOCH ENGINEERING <small>HIGH STRUCTURE PROFESSIONALS</small>		DESIGN SPECIFICATIONS <small>High Strength Concrete for Structures & Other Buildings</small> <small>ACI 318-14 for Non-Residential Buildings</small> <small>ANSI/AISC 360-16, Structural Steel Design Standard</small>	
PROJECT TITLE: MATRIX		PROJECT ADDRESS: MurdochEngineering.com (973) 570-8215 2399 Na-34 A-2 Manasquan, NJ 07736	
PROJECT NUMBER: 100-1000000000		FUTURE SIGNS	
PROJ. MANAGER: 2 & Matrix DR Newburgh NY		 <small>STATE OF NEW YORK LICENSED PROFESSIONAL ENGINEER JOHN WANNISCH</small>	

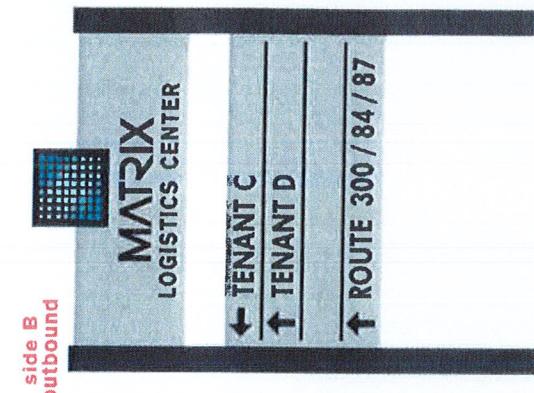
DS-01
side A
inbound



DS-02
side A
inbound

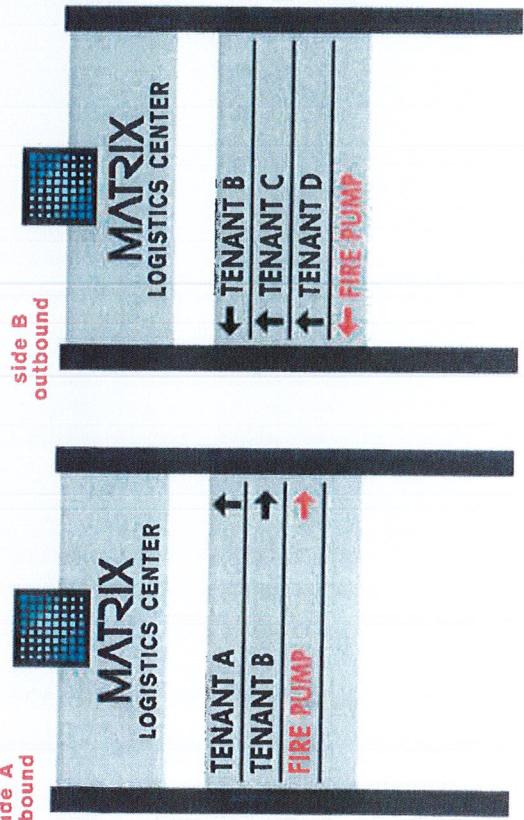


side B
outbound

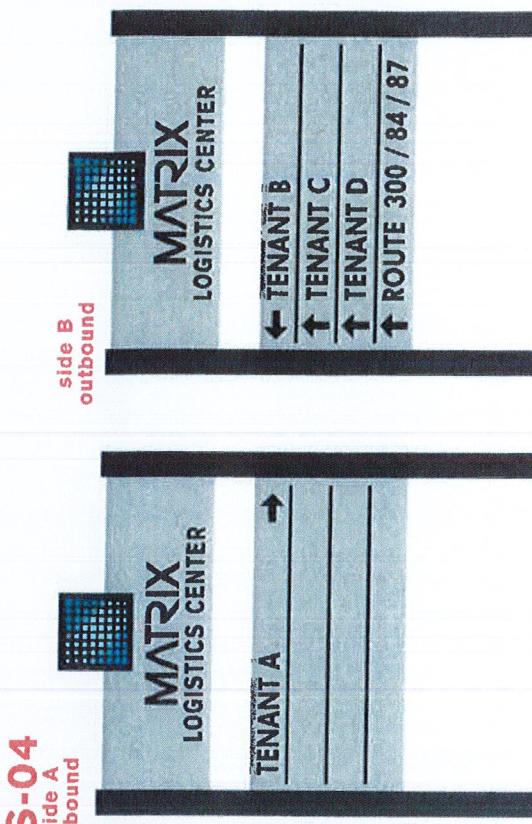


side B
outbound

DS-03
side A
inbound



side B
outbound



side B
outbound

DS-04
side A
inbound

"TENANT" text is representation and to be fabricated with tenant names.
All Lettering to be black, except "FIRE PUMP" to be Reflective Red

DS-01 Sign Location



DS-02 Sign Location



DS-03 Sign Location



DS-04 Sign Location





Directional Sign – 108 Rt 17K

DS-01 Sign Location



DS-02 Sign Location



DS-03 Sign Location



DS-04 Sign Location





Directional Sign – 108 Rt 17K