



CITY OF SOMERVILLE
Commonwealth of Massachusetts
93 Highland Avenue
Somerville, MA 02143
(617) 625-6600

BUSINESS LICENSE APPLICATION - Sign and Awning

File #: 24-011468
License #: BL24-000087
Address: 550 Assembly Row
Licensee: Nathan Philbrook Cole Haan
DBA Name: Cole Haan

Business Ownership Type: LLC
Legal Name of Entity: Cole Haan, LLC
Owners/Officers: , , ,

License Information:

of signs/awnings: 2

Describe: Blade sign and storefront sign

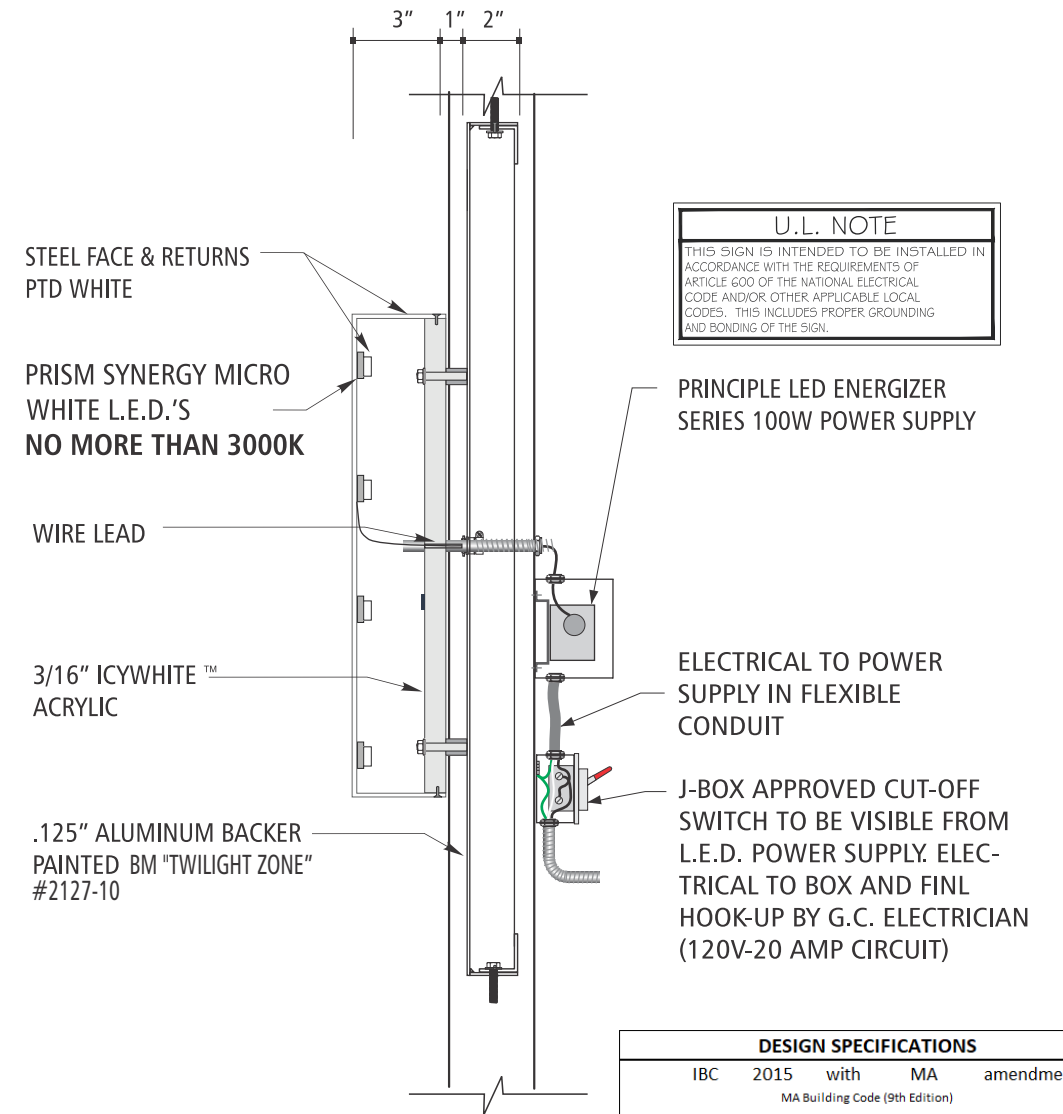
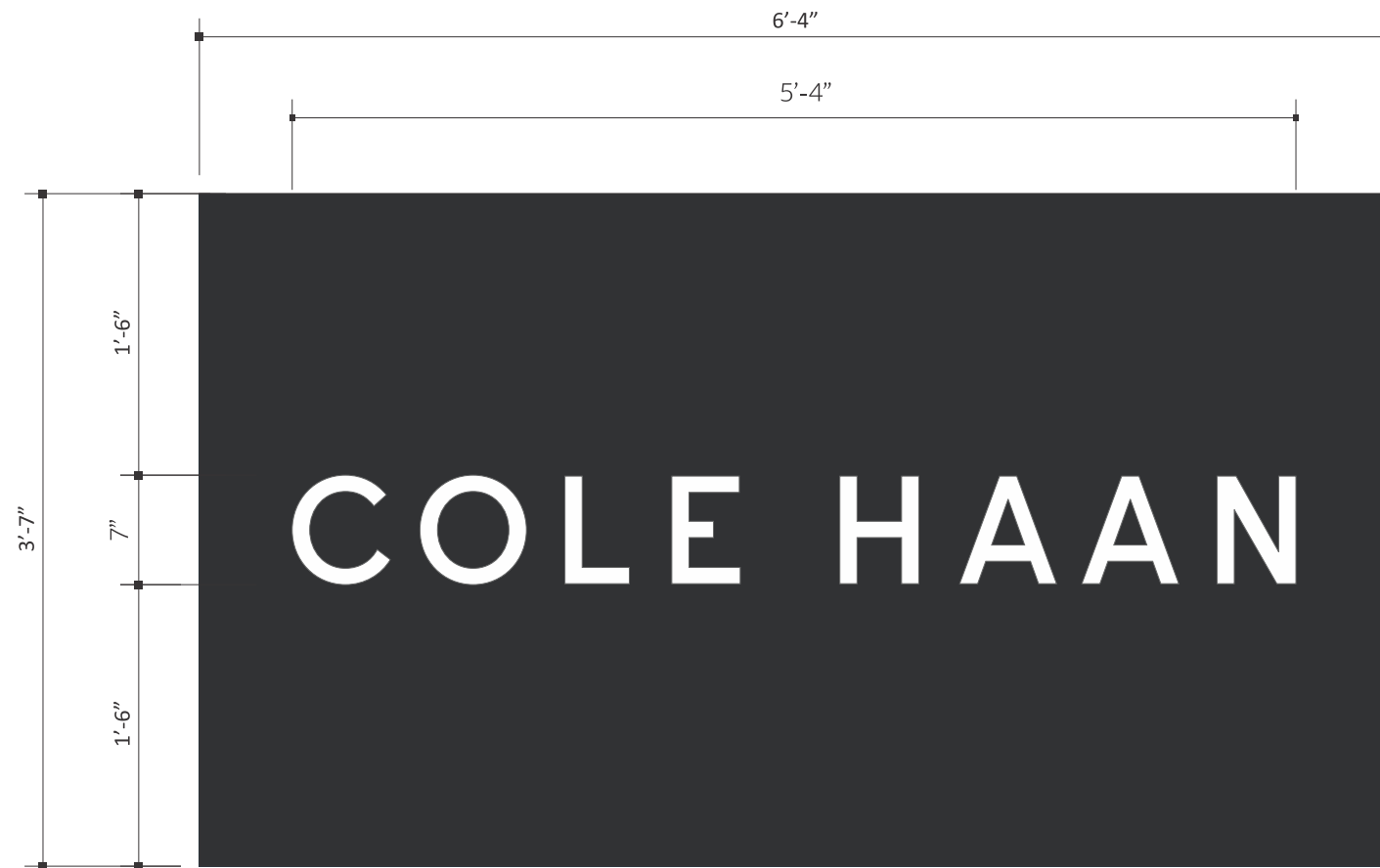
Approval Conditions:

Approved By:

Albert Bargoot, Approved

Joshua Manion, Approved

Kimberly M. Wells, Approved



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

1 PRIMARY WALL SIGN - BACKER W/ HALO LIT CHANNEL LETTERS
SCALE: 1" = 1'-0"

MATERIAL FOR BLADE SIGN

FACE: .125" ALUMINUM FACE, PAINTED BM "TWILIGHT ZONE" #2127-10
HALO LIT LETTERS PAINTED WHITE

COLOR FOR CABINET & COPY

- COPY: PAINTED MATTE WHITE
- PAINT: BM "TWILIGHT ZONE" #2127-10

Engineers Connection Note:
* Install 1/4"Ø SS Tek-Screws through box frame into existing window mullion 1/8" thk. Alum. min. with full thread diameter embedment at Three(3) Top and bottom evenly spaced with a 4" max. side clearance with one center down each vertical side. Eight(8) Tek-Screws.

DESIGN SPECIFICATIONS			
IBC	2015	with MA amendments	
		MA Building Code (9th Edition)	
ASCE	7-10	Minimum Design Loads for Buildings & Other Structures	
ACI	318-14	Building Code Requirements for Structural Concrete	
ANSI/AISC	360-10	Specification for Structural Steel Buildings	
DESIGN LOADS			
Wind	Vult =	128 mph	
Exposure	C		
Risk Cat.	II		
Grnd. Snow	Pg =	40 psf	

MURDOCH ENGINEERING
SIGN STRUCTURE PROFESSIONALS
2399 A-2 NJ-34
MANASQUAN, NJ 08736
732-570-8215 x0
Jere Murdoch
Jere Murdoch, PE
Professional Engineer
MA PE Lic. #49706

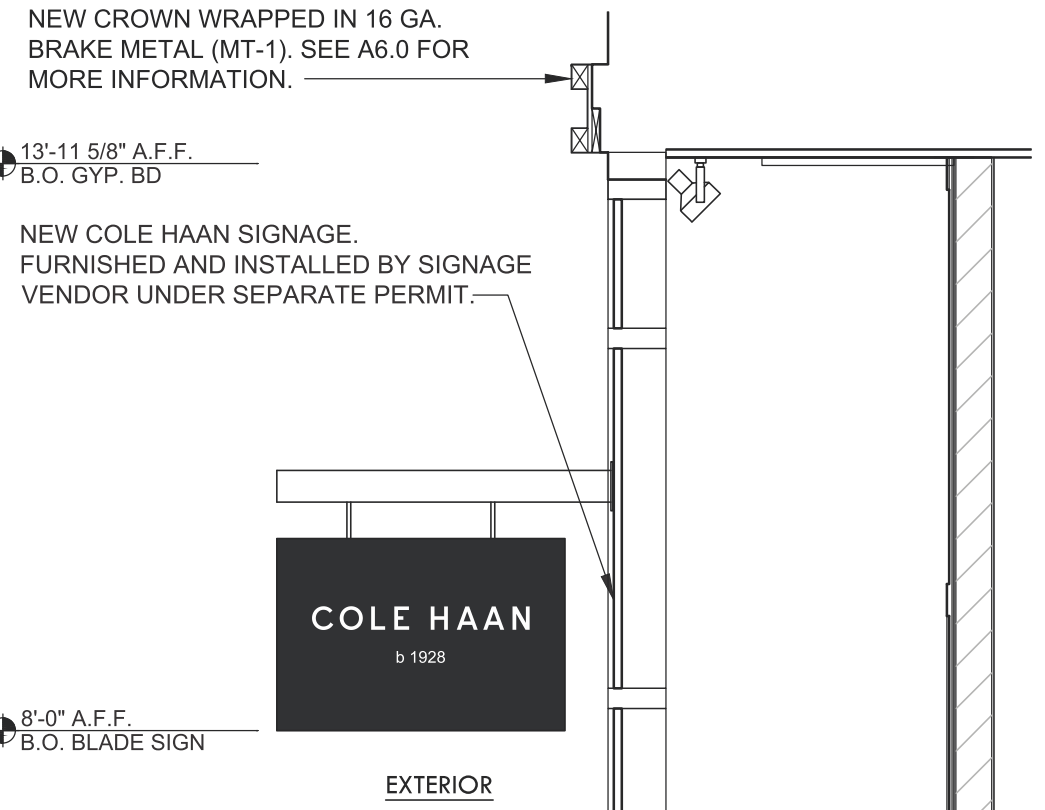
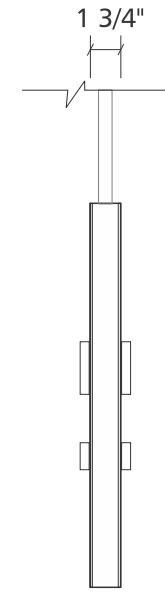
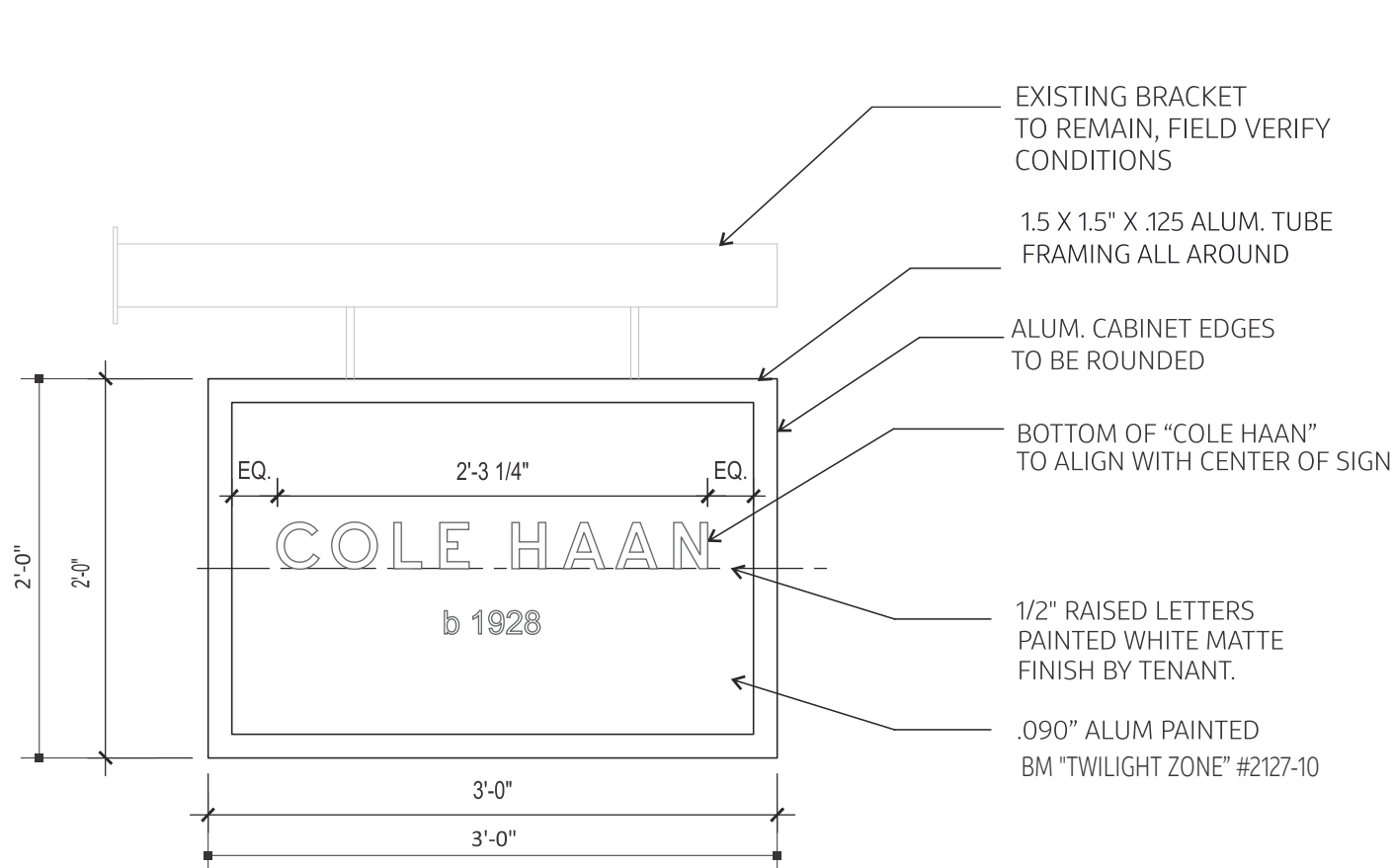
5/4/2024



677 Dunksferry Rd. Bensalem, PA 19020
800 Business Park Dr. Freehold, NJ 07728
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SITE/PROJ #3202024-R1	CLIENT:	BY	DESCRIPTION:	REV. #/DATE/DESCRIPTION:	BY	DATE	BY	SHEET #
LOCATION: 550 ASSEMBLY ROW SOMERVILLE, MA 02145	COLE HAAN	RM	Preliminary Rendering	△ UPDATE PER L.L. CRITERIA	△			5
				△	△			
				△	△			
				△	△			



2 D/F BLADE SIGN - NON-ILLUMINATED
SCALE: 1" = 1'-0"

MATERIAL FOR BLADE SIGN

FACE: .090" ALUMINUM FACE, PAINTED BM "TWILIGHT ZONE" #2127-10
1 1/2" X 1 1/2" X .125" FRAME
1/2" ACRYLIC COPY GLUED TO FACE

COLOR FOR CABINET & COPY

- COPY: 1/2" ACRYLIC PAINTED MATTE WHITE
- CABINET: PAINTED BM "TWILIGHT ZONE" #2127-10

Engineers General Notes

- 1.) Existing sign supports are to be inspected where fasteners meet the existing wall structure. The inspection shall verify corrosion to existing fasteners and support structure has not taken place and document the same. If Corrosion is present, existing fasteners shall be replaced with new equal fastener type. If the existing steel/Aluminum supports are excessively corroded, an inspection shall be conducted to determine wall thickness prior to installation.
- 2.) Murdoch Engineering confirms the existing supports fasteners/ structure is acceptable to resist applicable loading requirements as a result of the proposed modification. The existing blade/flag sign is equal or larger than the proposed sign total square feet. wind/Snow/Dead/Live load area. Loading will be the same or less in proposed condition. Proposed Modification is acceptable as loading is acceptable. It is the responsibility of the contractor/installer to verify and document all existing conditions.
- 3.) Galvanic Protection is required where dissimilar metals contact.
- 4.) Install New sign box using existing fasteners or equal new equivalent.
- 5.) Galvanic Protection is required where dissimilar metals contact.

Engineers Note:

- As proposed Scope of work it to replace an existing with a new sign box on existing arm.
- Install new box using the existing SS hardware or replace with new equivalent hardware as needed.
- Contact Murdoch Engineering for revision due to existing field conditions / cabinet Type.

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Wind	Vult =	128 mph	
Exposure	C		
Risk Cat.	II		
Grnd. Snow	Pg =	40 psf	

0'-0" A.F.F. FINISH FLOOR

THRU WALL SECTION

SCALE: 1/2" = 1'-0"

MURDOCH ENGINEERING
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MANASQUAN, NJ 08736
(732) 570-8215 x10
Jere Murdoch, PE
Professional Engineer
MA PE Lic. #49706

5/4/2024

PG: 3 of 4

SITE/PROJ #3202024-R1	CLIENT:	BY	DESCRIPTION:	REV. #/DATE/DESCRIPTION:	BY	DATE	BY	SHEET #
LOCATION: 550 ASSEMBLY ROW SOMERVILLE, MA 02145	COLE HAAN	RM	Preliminary Rendering	△ UPDATE PER L.L. CRITERIA	△			6

GENERAL NOTES

murdochengineering.com
(973) 570-8215
2399 NJ-34 A-2
Manasquan, NJ 08736

PREPARED FOR:



PROJECT TITLE:

COLE HAAN

PROJECT ADDRESS:

550 ASSEMBLY ROW
SOMERVILLE, MA 02145

DESIGN SPECIFICATIONS

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DESIGN LOADS

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Jerre Murdoch
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Professional Engineer
MA PE Lic. #49706

5/4/2024

GENERAL:

- ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE LOCAL BUILDING CODE.
- CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCE OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES OR 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 PRECEDENCE 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.

EXISTING 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 CONCERNS.
- INSTALLER SHALL CONFIRM THE DIAMETER AND THICKNESS OF EXISTING MEMBERS AND NOTIFY MURDOCH ENGINEERING OF ANY DISCREPANCIES.
- 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 (SEE TITLE BLOCK). MURDOCH ENGINEERING IN NO WAY CERTIFIES THIS INFORMATION AS "AS-BUILT". IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE, MURDOCH ENGINEERING SHALL BE NOTIFIED IMMEDIATELY.

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STEEL

1. STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:

ROUND HSS	ASTM A500, GR B	Fy=42 KSI MIN.
SQUARE/RECT HSS	ASTM A500, GR B	Fy=46 KSI MIN.
THREADED ROD	F1554 GR 55	Fy=55 KSI MIN.
STEEL PLATE STD.	ASTM A36 ASTM	Fy=36 KSI MIN.
PIPE	A53, GR B	Fy=35 KSI MIN.

- BOLTS SHALL CONFORM TO ASTM A325 UNO.
- BOLTS AND THREADED ROD SHALL BE HOT-DIP GALVANIZED PER ASTM F2329 UNO.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNO.
- NUTS SHALL CONFORM TO ASTM A563.
- WASHERS SHALL CONFORM TO ASTM F844.
- STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED PER ASTM A153 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)

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 (ASM35), AND IBC CHAPTER 20.
- PIPE AND TUBE SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ft_u=38 KSI MIN, Fty=35 KSI MIN, Ft_w=24 KSI MIN, Fty_w=15 KSI MIN.
- STD STRUCTURAL PROFILES SHALL BE 6061-T6 PER B308 WITH Ft_u=38 KSI MIN, Fty=35 KSI MIN, Ft_w=24 KSI MIN, Fty_w=15 KSI MIN.
- SHEET AND PLATE SHALL BE 6061-T6 PER ASTM B209 WITH Ft_u=42 KSI MIN, Fty=35 KSI MIN, Ft_w=24 KSI MIN, Fty_w=15 KSI MIN.
- EXTRUSIONS SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ft_u=38 KSI MIN, Fty=35 KSI MIN, Ft_w=24 KSI MIN, Fty_w=15 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 WELD SIZES OF AT LEAST 1/4 INCH
- FILLET WELDS SHALL NOT EXCEED THINNEST MEMBER WALL THICKNESS JOINED.
- ALUMINUM WELD FILLER SHALL BE 5356 ALLOY
- 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 SUPERCEDE DRAWING DETAILS.
- PROVIDE NEOPRENE GASKET BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION
- ALUMINUM DIRECTLY EMBEDDED INTO CONCRETE SHALL BE CAPPED AT BOTTOM AND COATED WITH BITUMINOUS COATING OR POLYURETHANE WHERE IN CONTACT WITH CONCRETE.
- FASTENERS BETWEEN DISSIMILAR METALS SHALL BE STAINLESS STEEL 316.

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. ENGINEERING LIABILITY IS LIMITED TO BUILDING CONNECTIONS.

