

THE FRONTIER PROJECT

10435 ASHFORD ST.
RANCHO CUCAMONGA, CA 91729

HMC
ARCHITECTS
3546 CONCOURS ST.
ONTARIO, CA 91764

TURNER
CONSTRUCTION
1900 S. STATE COLLEGE ROAD, SUITE 200
ANAHEIM, CA 92806

BMR DRAFTING SERVICE DRAWING GUIDELINES:

- All fasteners shown on these shop drawings are for reference only. Actual fastener types and sizes should be verified. Fastener type and sizes also should be based on actual field conditions and/or based on the design criteria.
- All dimensions shown on these shop drawings should be checked and verified prior to the ordering of any materials and prior to the fabrication and installation of any materials.
- All steel assemblies and internal steel reinforcing shown on these shop drawings are for reference only. Actual steel sizes and thickness should be determined by others based on the design criteria outlined in the specifications.
- Fabrication and installation of the framing and glass shown on these shop drawings should be performed in accordance with industry standards and the respective manufacturer's instructions and guidelines.
- These drawings may have been prepared without the benefit of a full set of architectural drawings. Some perimeter conditions may be shown as unknown. These conditions should be verified prior to fabrication and installation for their effect on the work being performed.
- These drawings may have been prepared without the benefit of the structural drawings. This may affect the location and sizing of steel clip connections and splice joints. The structural layout in these areas should be verified prior to fabrication and installation of work.

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This disclaimer applies to BMR Drafting's customers as well as any party using these drawings to obtain information needed to order, coordinate, fabricate and install materials for this project. This applies also to trades other than glass and glazing. These shop drawings are an interpretation of the architect's drawings by BMR Drafting Service. These drawings were generated for BMR Drafting's customer. The interpretation of the architect's drawings is affected by the information given to BMR by its customer as well as industry standards and manufacturer technical information. In cases where BMR is not provided with the necessary information, it will be BMR's decision whether to assume, extrapolate or omit this information in order to complete the shop drawings. It is the responsibility of BMR's customer (or the end user if applicable) to review the shop drawings. Review of the shop drawings includes, but is not limited to the following items: Dimensions, Quantities, Handling of Doors/Frames, Colors, Thickness, Safety Glass, Glass Types, Coating Types, Coating Locations, Door Sile Types, Framing Types, Hardware, Alignment of Horizontal and/or Vertical Framing Members with Architectural Accents/Trims.

Therefore neither BMR Drafting Service nor its employees shall be liable or responsible financially for any error and/or omissions from these shop drawings. Architectural and/or contractor approval does not relieve BMR's customer from reviewing these drawings as noted above.

NOTE: IN CASES WHERE NO ARCHITECTURAL DRAWINGS WERE PROVIDED TO BMR THE SAME DISCLAIMER ITEMS NOTED ABOVE STILL APPLY TO WHATEVER INFORMATION WAS PROVIDED TO BMR TO PERFORM THE SHOP DRAWINGS.

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CARMEL ARCHITECTURAL SALES
4907 EAST LANDON DRIVE
ANAHEIM, CA 92807

DOOR SCHEDULE

DR#	DOOR OPENING	STILE	HUNG	SWING	HINGED	HDWR
102	6'-7 13/16" X 7'-8 7/8"	MEDIUM	OFFSET	OUT	PAIR	02
102A	6'-7 13/16" X 7'-8 7/8"	MEDIUM	OFFSET	OUT	PAIR	08

HARDWARE SCHEDULE

HARDWARE #02

DOOR: 102

6 EA	HINGE, CON BEARING	3CBI 4.5 X 4.5 NRP SEC STUD	630	IVE
1 EA	MULLION	5654	628	VON
2 EA	PANIC DEVICE	33L	626	VON
2 EA	RIM CYLINDER	20-057	626	SGH
2 EA	SURFACE CLOSER	4041	689	LCN
2 EA	MOUNTING PLATE	4040-18	689	LCN
2 EA	FLOOR STOP & HOLDER	F541/F542 AS REQUIRED	626	IVE
1 EA	THRESHOLD	158A	AL	PEM

SEALS AND SWEEPS BY DOOR MANUFACTURER

HARDWARE #08

DOOR: 102A

6 EA	HINGE, CON BEARING	3CBI 4.5 X 4.5	652	IVE
1 EA	MULLION	5654	628	VON
2 EA	PANIC DEVICE	33L	626	VON
2 EA	SURFACE CLOSER	4041	689	LCN
2 EA	MOUNTING PLATE	4040-18	689	LCN
2 EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
2 EA	DOME STOP	F5436/F5438 AS REQUIRED	626	IVE

SEALS AND SWEEPS BY DOOR MANUFACTURER

GLAZING SCHEDULE

GL-1

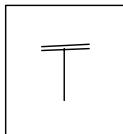


1" THICK INSULATED CLEAR SOLARBAN 60 VISION GLAZING UNITS
OUTBOARD LITE: ¼" THICK CLEAR GLASS WITH SOLARBAN 60
ON #2 SURFACE
½" AIR SPACE
INBOARD LITE: ¼" THICK STARPHIRE GLASS

GL-7



1" THICK INSULATED CLEAR VISION GLAZING UNITS
OUTBOARD LITE: ¼" THICK CLEAR GLASS
½" AIR SPACE
INBOARD LITE: ¼" THICK CLEAR GLASS



DENOTES TEMPERED GLASS AS REQUIRED

ALUMINUM FRAME FINISH

TYPE: PAINTED TO COAT

COLOR: BONE WHITE

ALUMINUM FRAME SYSTEM

KAWNEER.

SERIES: 1600 WALL SYSTEM
2 1/2" X 7 1/2" CURTAIN WALL SYSTEM
WITH 2 1/2" X 9" VERTICALS

TRIFAB VG 451
2" X 4 1/2" CENTER GLAZED SYSTEM

ABBREVIATIONS

A.F.F. ~ ABOVE FINISH FLOOR
B.O.M. ~ BOTTOM OF MULLION
CL ~ CENTER LINE
DLO ~ DAYLIGHT OPENING
D.O. ~ DOOR OPENING
F.F. ~ FINISH FLOOR
F.O.C. ~ FACE OF CONCRETE
F.O.M. ~ FACE OF MULLION
F.V. ~ FIELD VERIFY
MEZZ. ~ MEZZANINE FLOOR
N.F.D. ~ NET FRAME DIMENSION
R.C.P. ~ RECESSED CONCRETE PANEL
R.O. ~ ROUGH OPENING
S.O.M. ~ SIDE OF MULLION
T.O.M. ~ TOP OF MULLION
W.R.O. ~ WINDOW ROUGH OPENING

JOB NAME: THE FRONTIER PROJECT
ARCHITECT: HMC ARCHITECTS
SHEET DESCRIPTION: COVER SHEET

DATE: 1/29/09

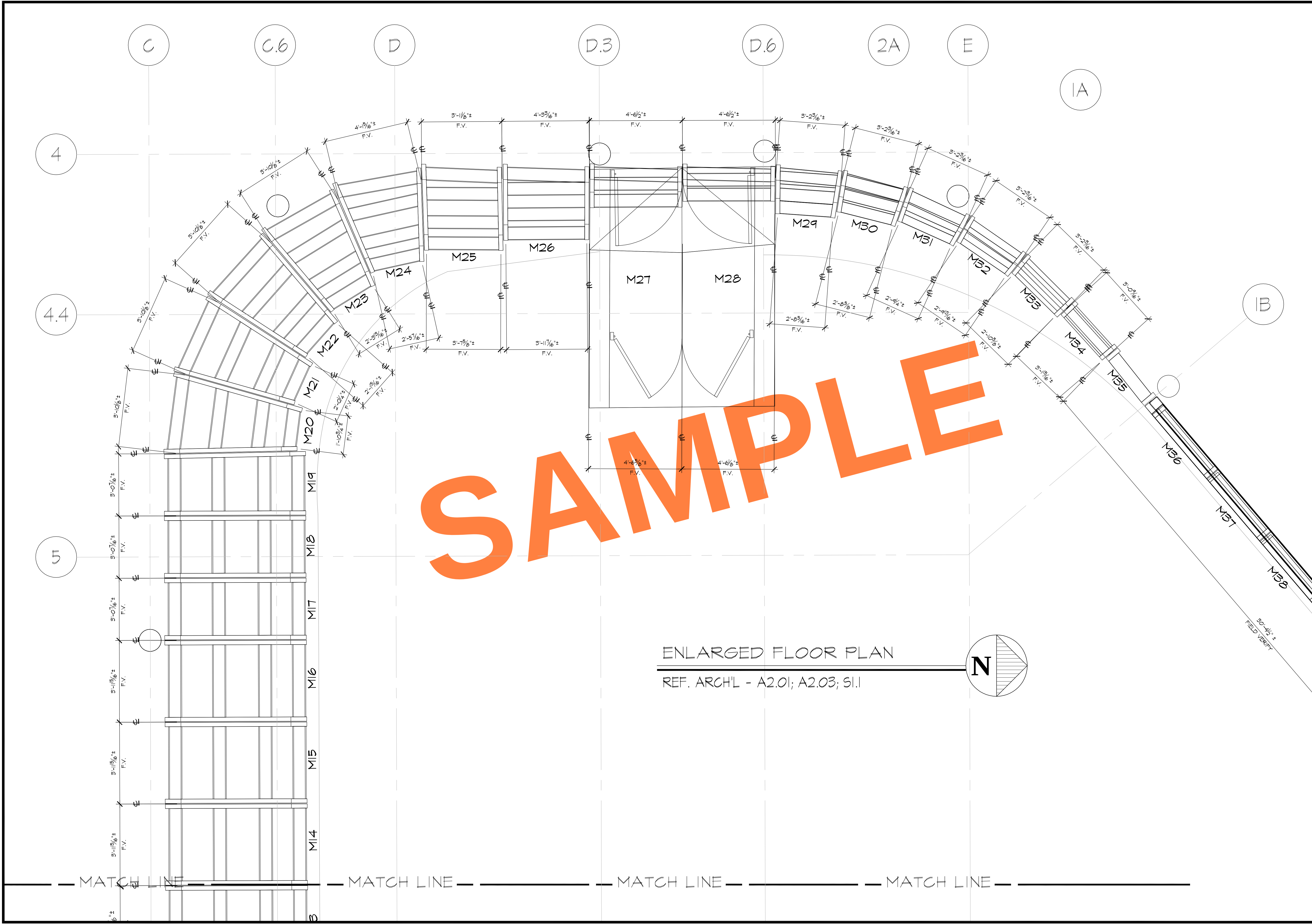
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JOB NO: 086-08

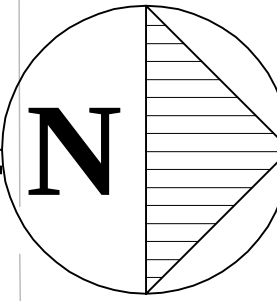
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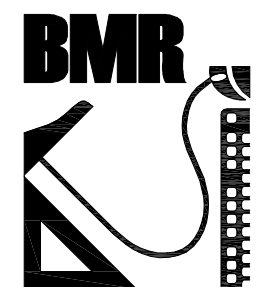
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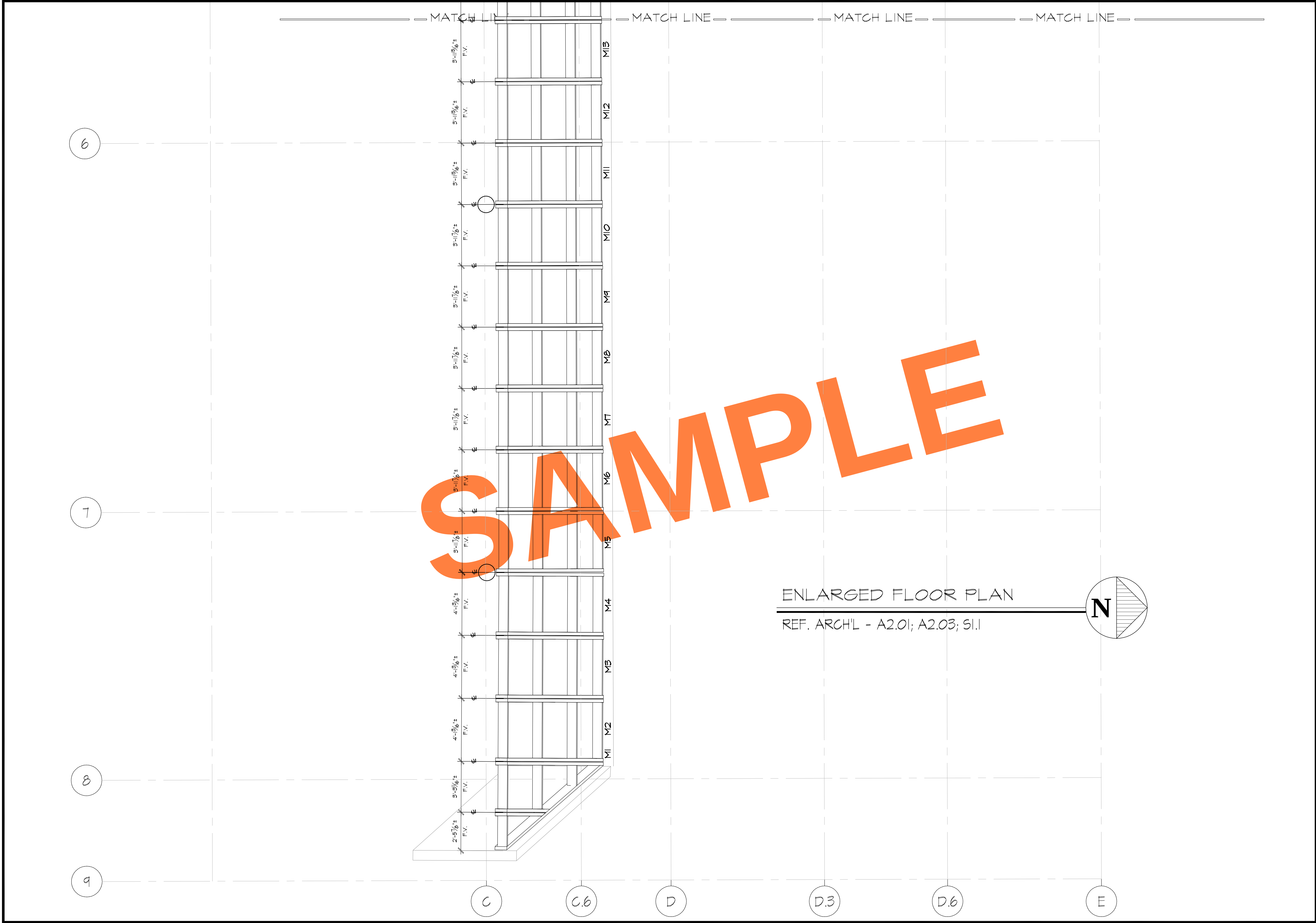


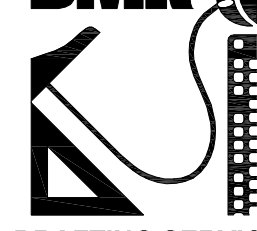
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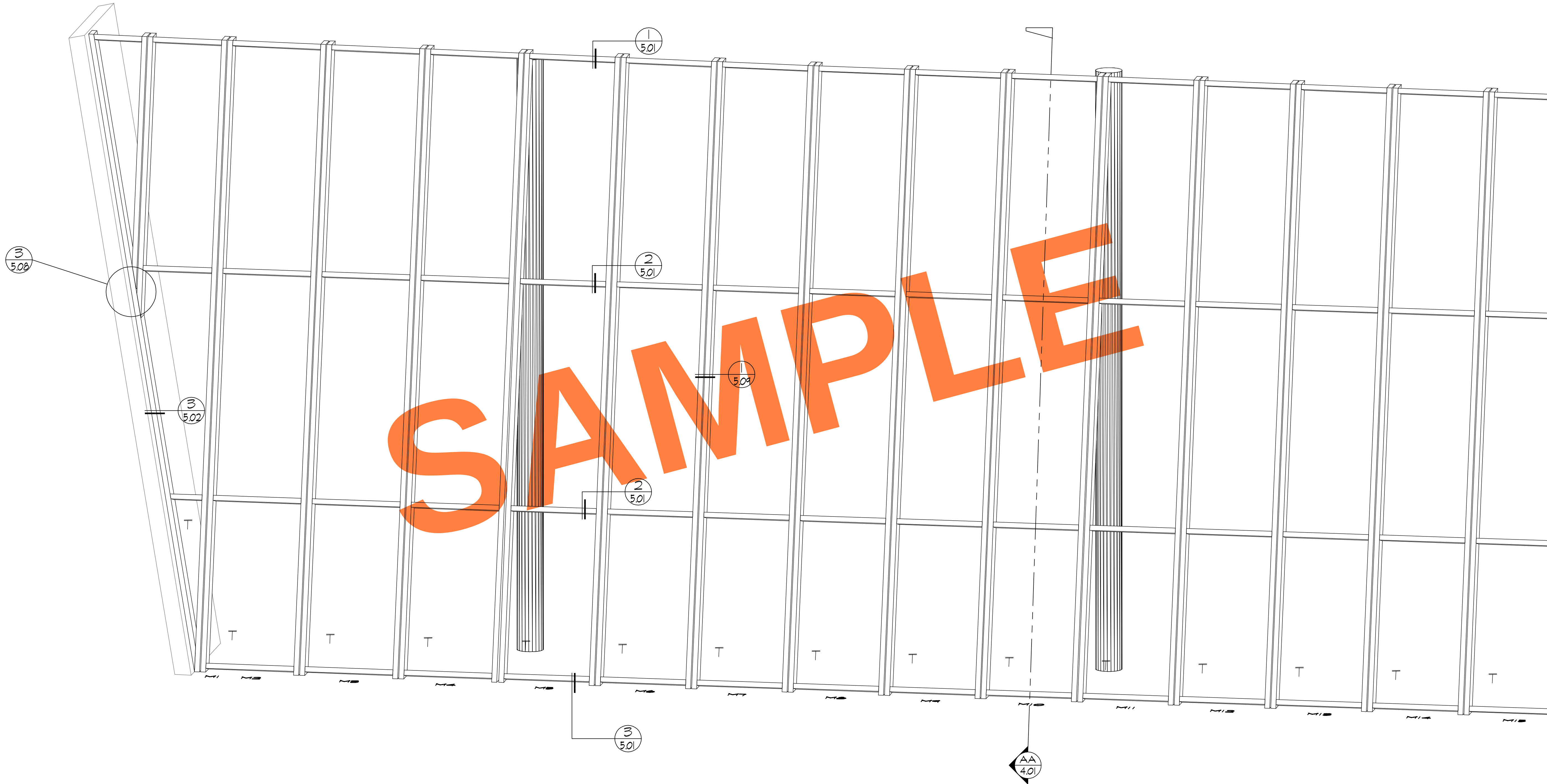
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ARCHITECT:	HMC ARCHITECTS	
SHEET DESCRIPTION:	FLOOR PLAN	
DATE:	1/29/09	
SCALE:	1/2"=1'-0"	
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JOB NO:	086-08	
SHEET NO:	2.02	



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JOB NAME: THE FRONTIER PROJECT		FLOOR PLAN
ARCHITECT: HMC ARCHITECTS		
SHEET DESCRIPTION:		
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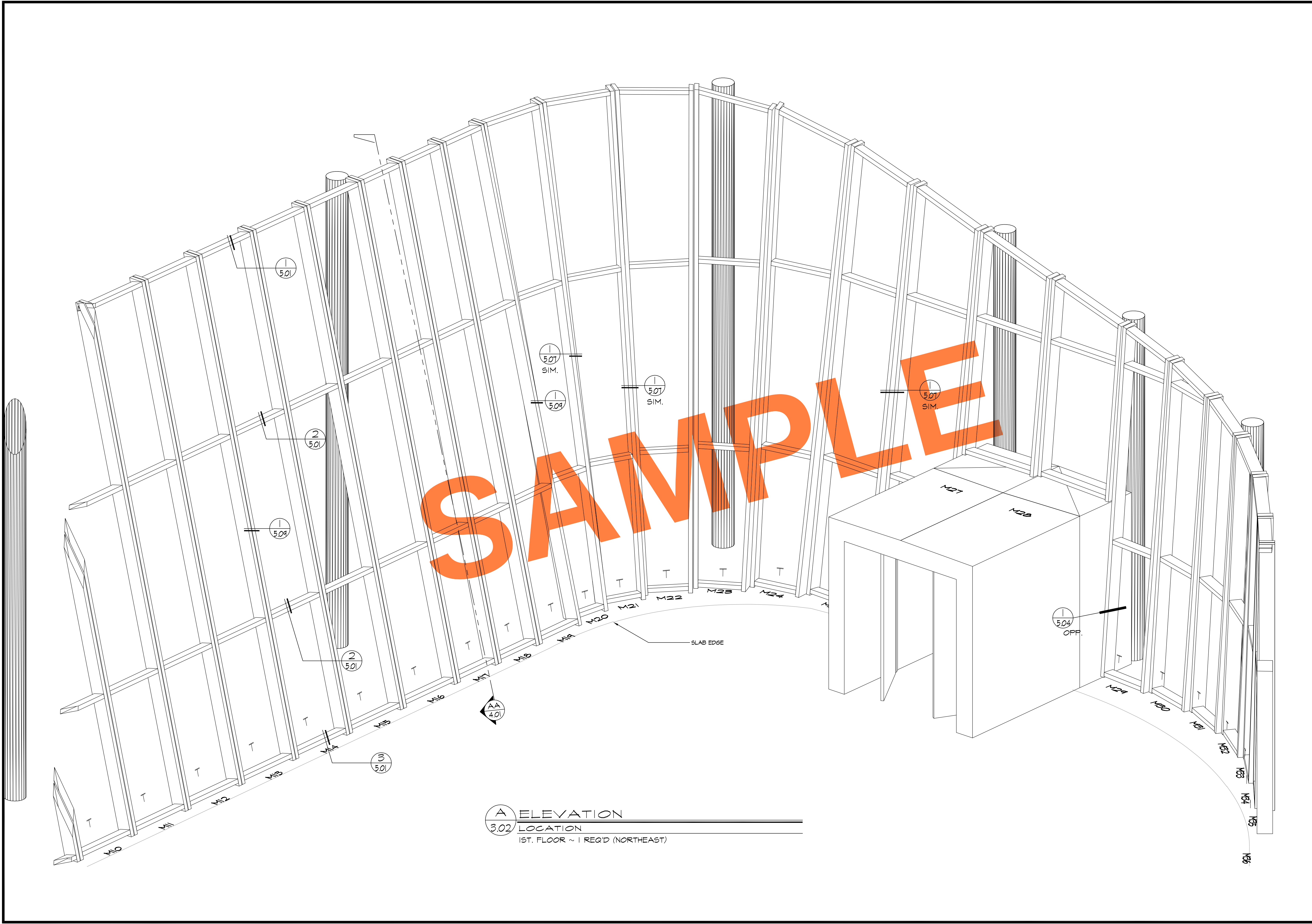
A
3.01 ELEVATION
LOCATION
1ST. FLOOR ~ 1 REQ'D (NORTH)

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JOB NAME: THE FRONTIER PROJECT	ARCHITECT: HMC ARCHITECTS	SHEET DESCRIPTION: ELEVATIONS
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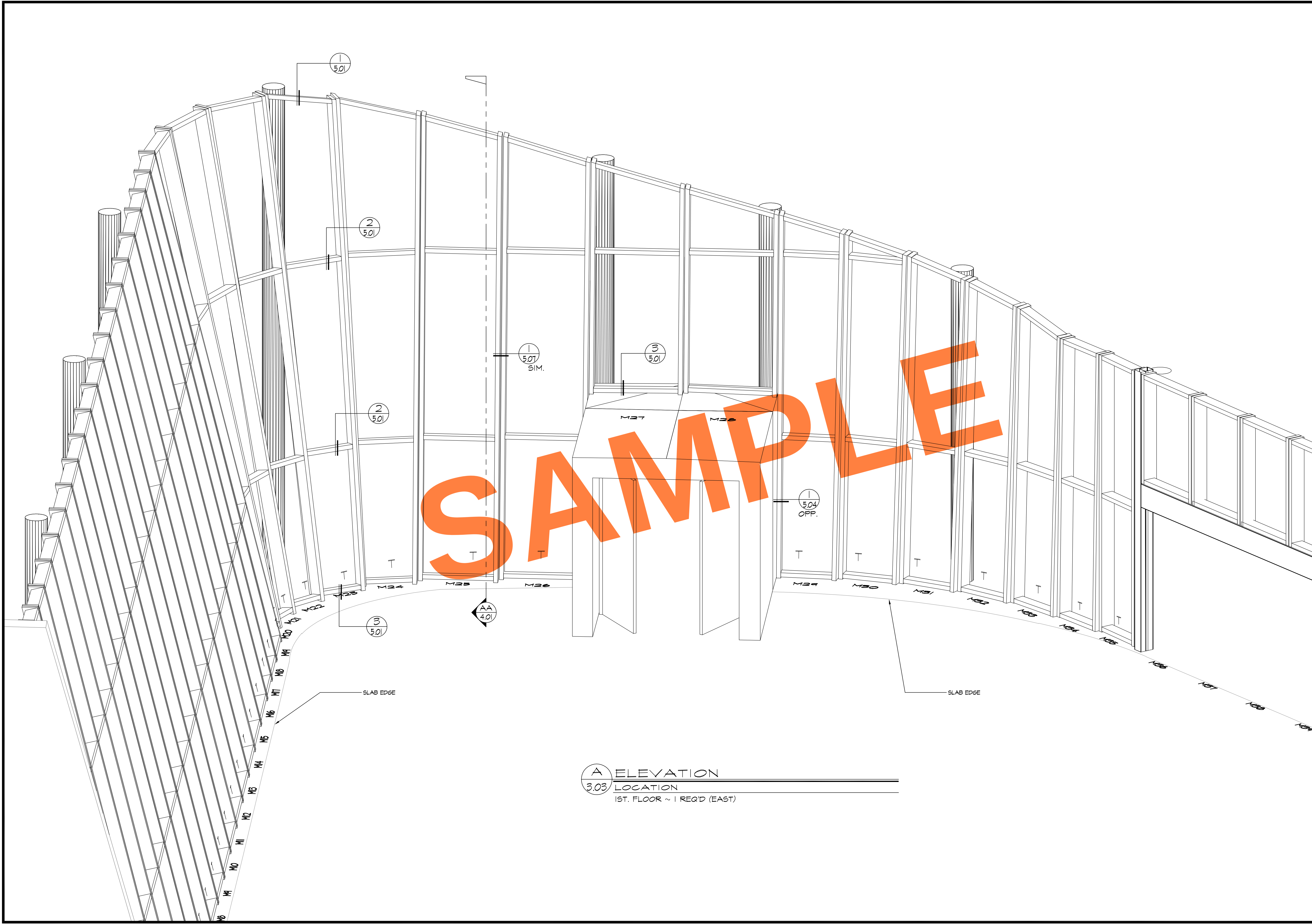


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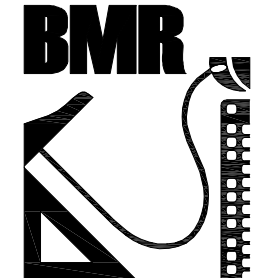
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JOB NAME:	THE FRONTIER PROJECT
ARCHITECT:	HMC ARCHITECTS
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DATE:	1/29/09
SCALE:	3/8"=1'-0"
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JOB NO:	086-08
SHEET NO:	3.02



A ELEVATION
3.03 LOCATION
1ST. FLOOR ~ 1 REQ'D (EAST)

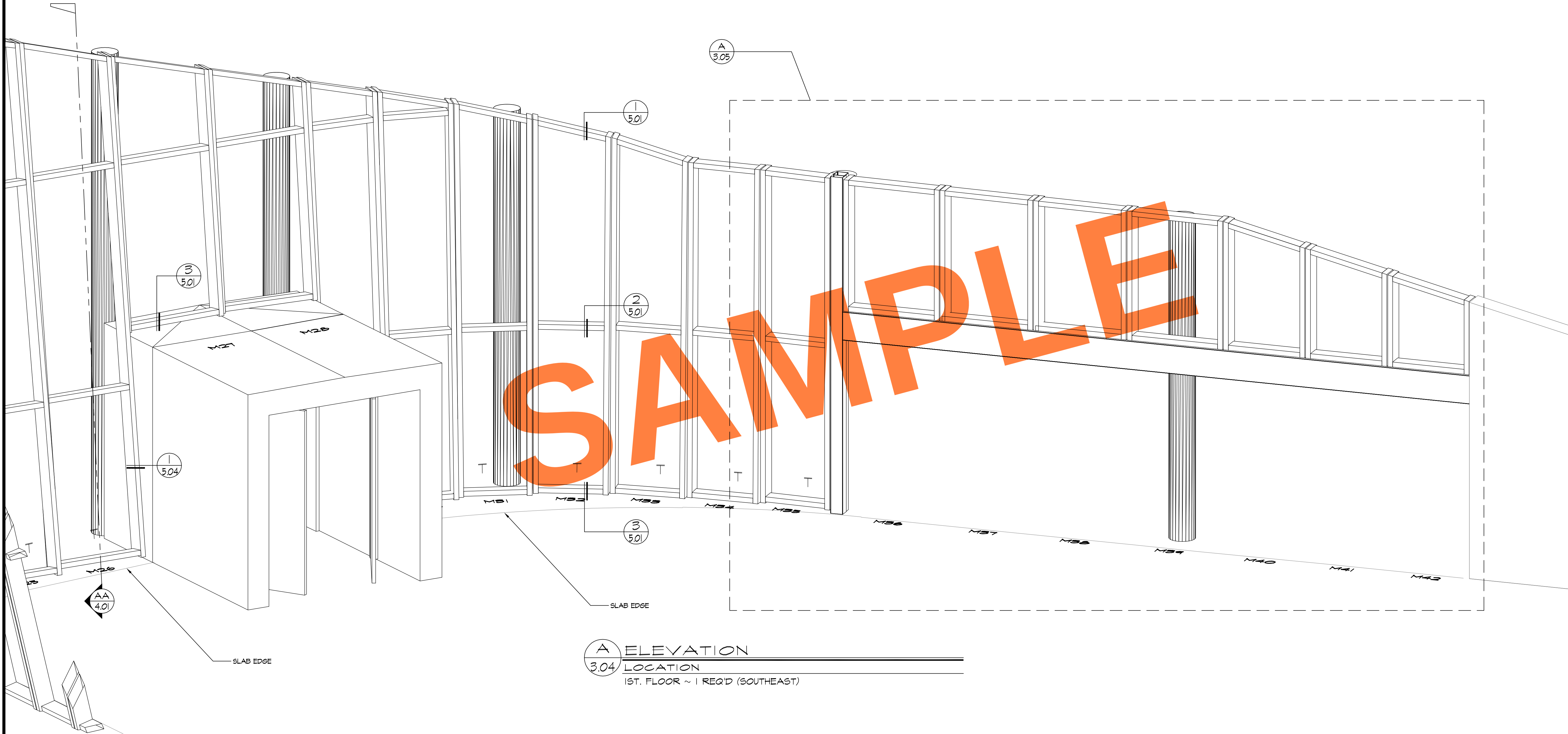
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SHEET DESCRIPTION:	ELEVATIONS
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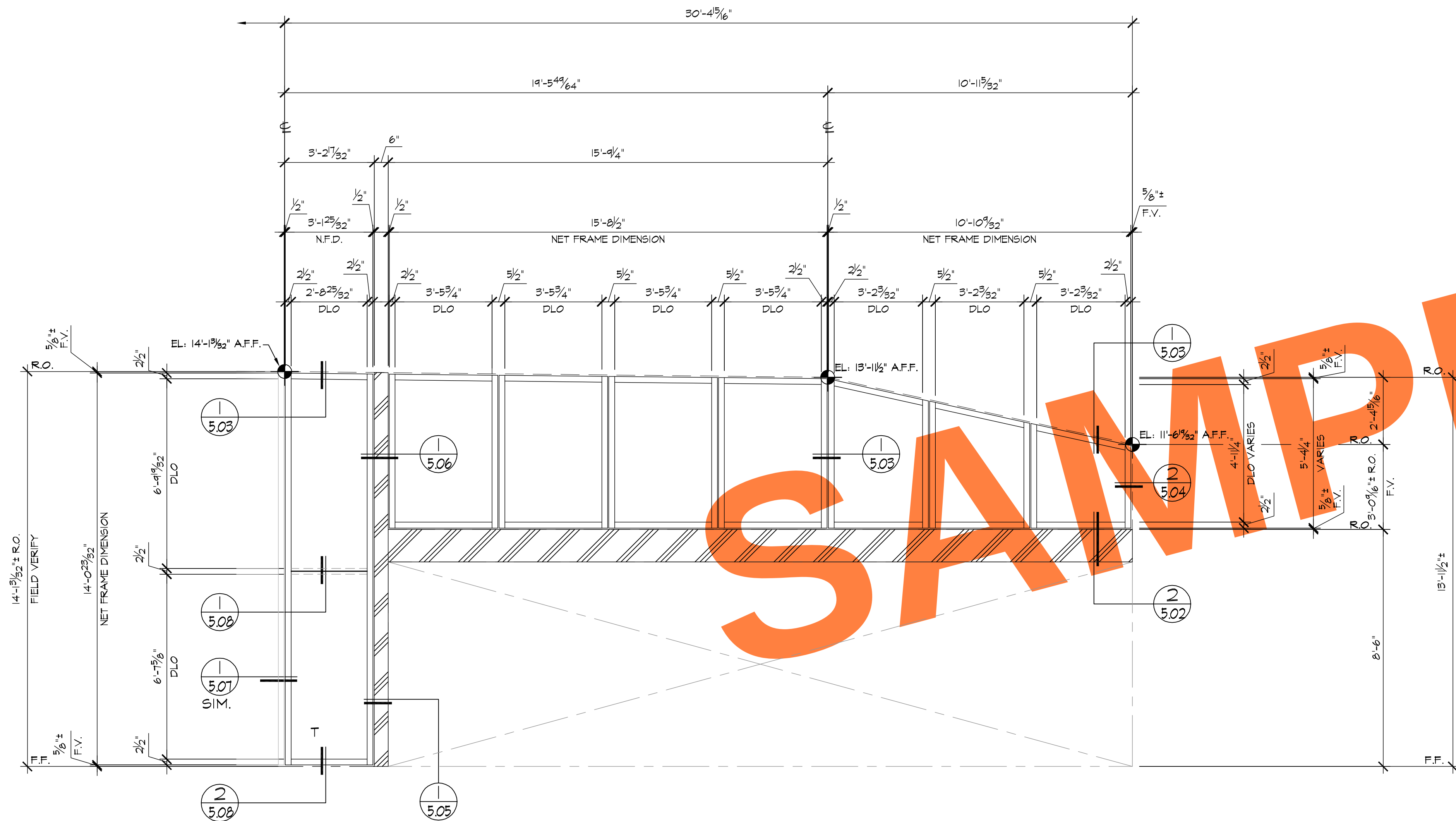


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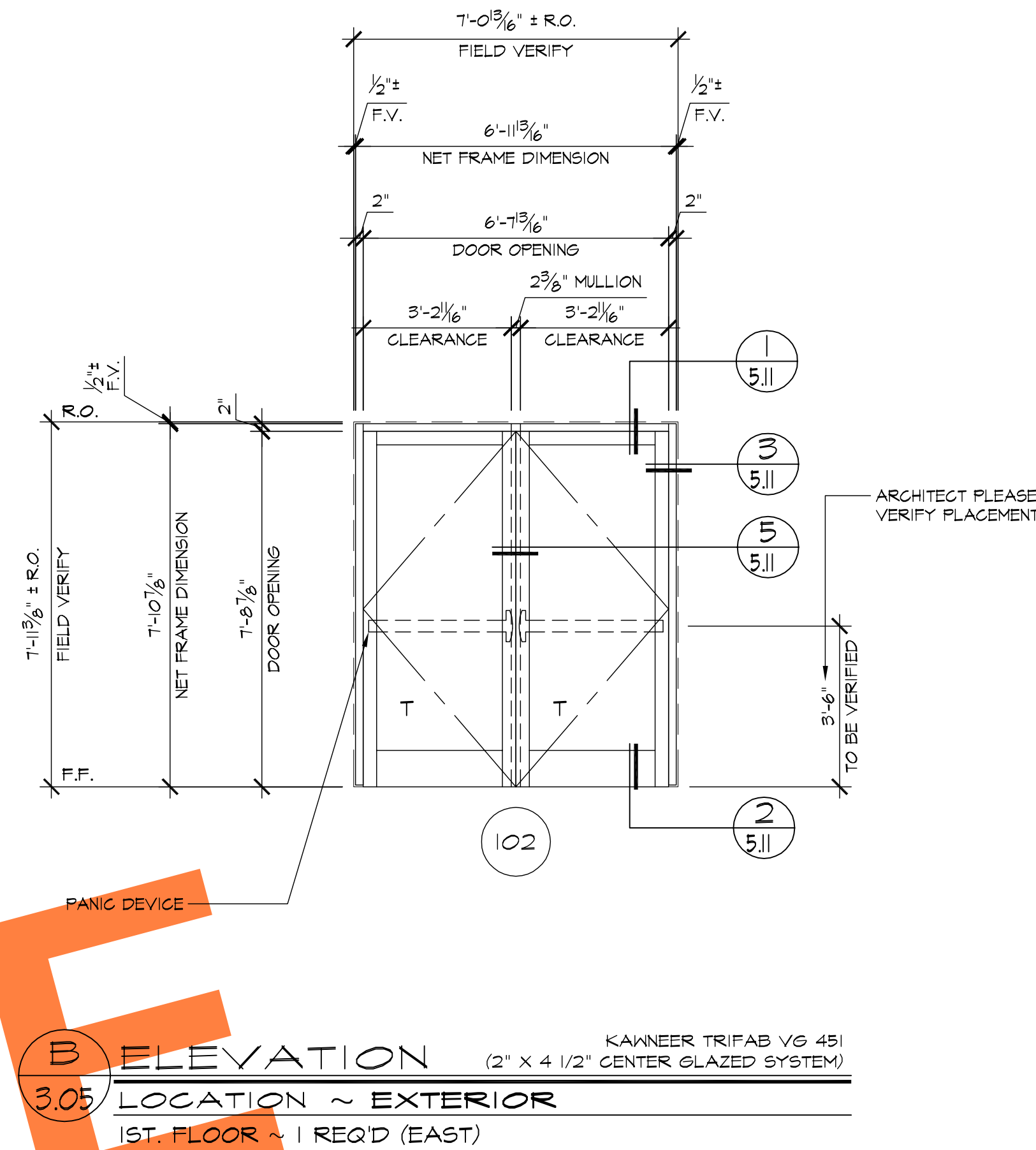
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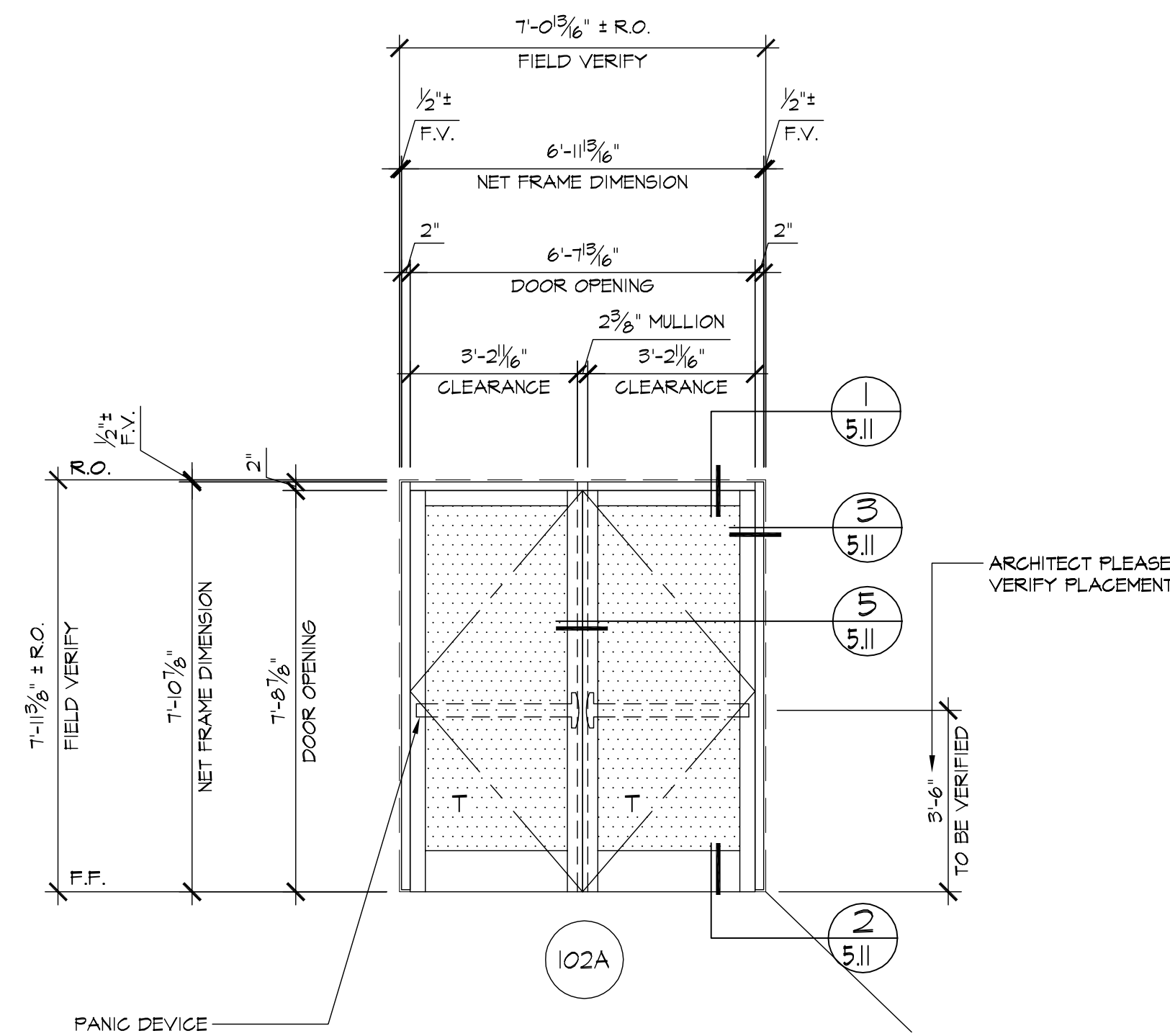
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ARCHITECT:	HMC ARCHITECTS
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DATE:	1/29/09
SCALE:	3/8"=1'-0"
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JOB NO:	086-08
SHEET NO:	3.04



A ELEVATION
 3.05 LOCATION ~ EXTERIOR
 1ST. FLOOR ~ 1 REQ'D (SOUTHEAST)



B ELEVATION
 3.05 LOCATION ~ EXTERIOR
 1ST. FLOOR ~ 1 REQ'D (EAST)



C ELEVATION
 3.05 LOCATION ~ INTERIOR
 1ST. FLOOR ~ 1 REQ'D (ENTRY 102A)

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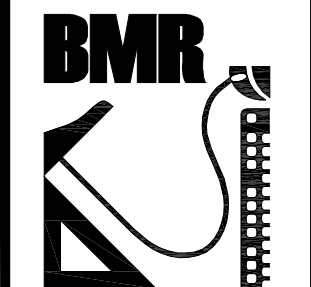
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JOB NAME:	THE FRONTIER PROJECT
ARCHITECT:	HMC ARCHITECTS
SHEET DESCRIPTION:	ELEVATIONS
DATE:	1/29/09
SCALE:	3/8"=1'-0"
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JOB NO:	086-08
SHEET NO:	3.05



AA WALL SECTION
4.01 ARCH'L: AI/A6.01

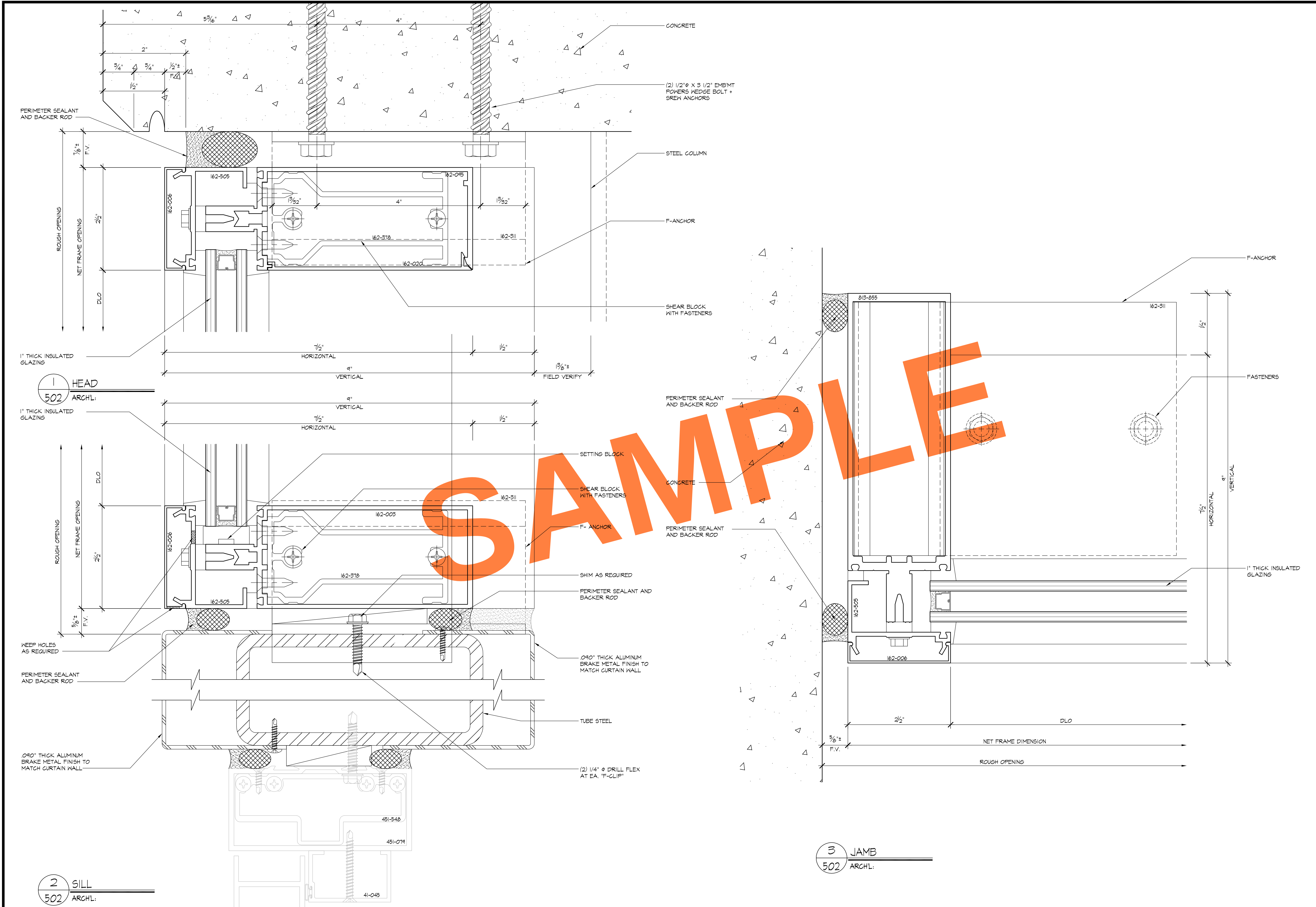
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DATE: 1/29/09	SHEET DESCRIPTION: WALL SECTIONS
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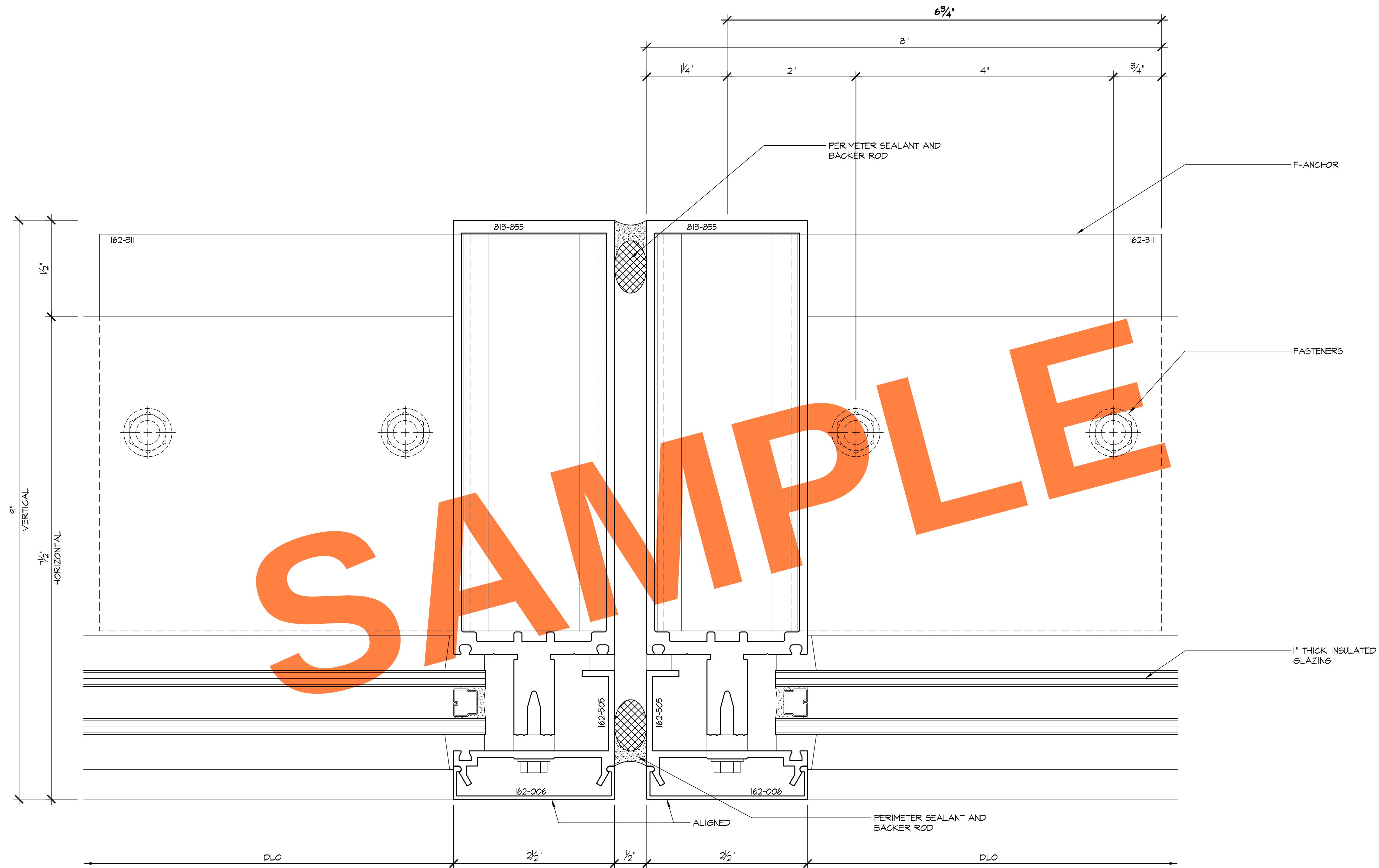


1 HEAD
502 ARCH'L:

2 SILL
502 ARCH'L:

3 JAMB
502 ARCH'L:

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JOB NAME:	THE FRONTIER PROJECT	
ARCHITECT:	HMC ARCHITECTS	
SHEET DESCRIPTION:	DETAILS	
DATE:	1/29/09	
SCALE:	FULL	
DRAWN:	MAC	
JOB NO:	086-08	
SHEET NO:	5.02	



1 VERTICAL
5.03 ARCH'L.

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SHEET DESCRIPTION: DETAILS

DATE: 1/29/09

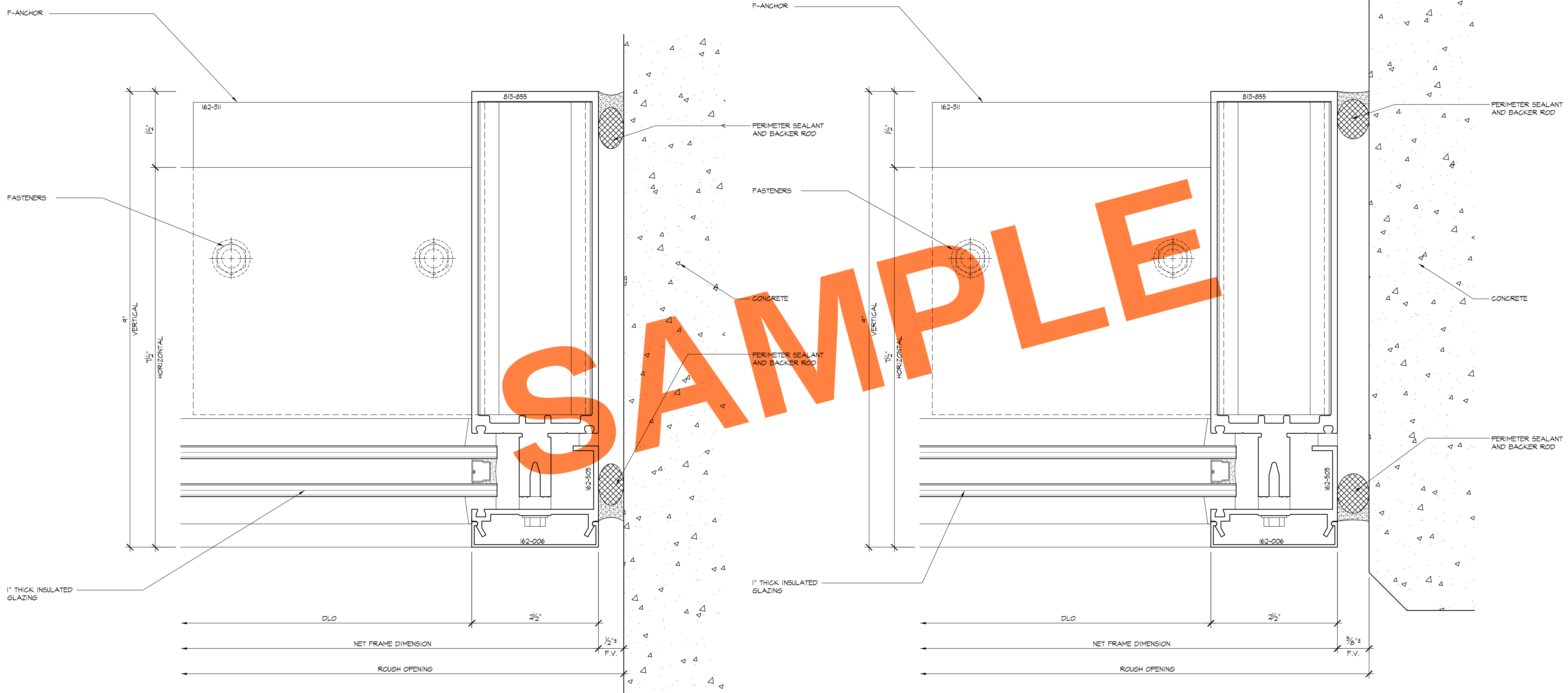
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JOB NO: 086-08

SHEET NO:

5.03



1 JAMB
5.04 ARCH'L.

2 JAMB
5.04 ARCH'L.

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DATE: 1/29/09

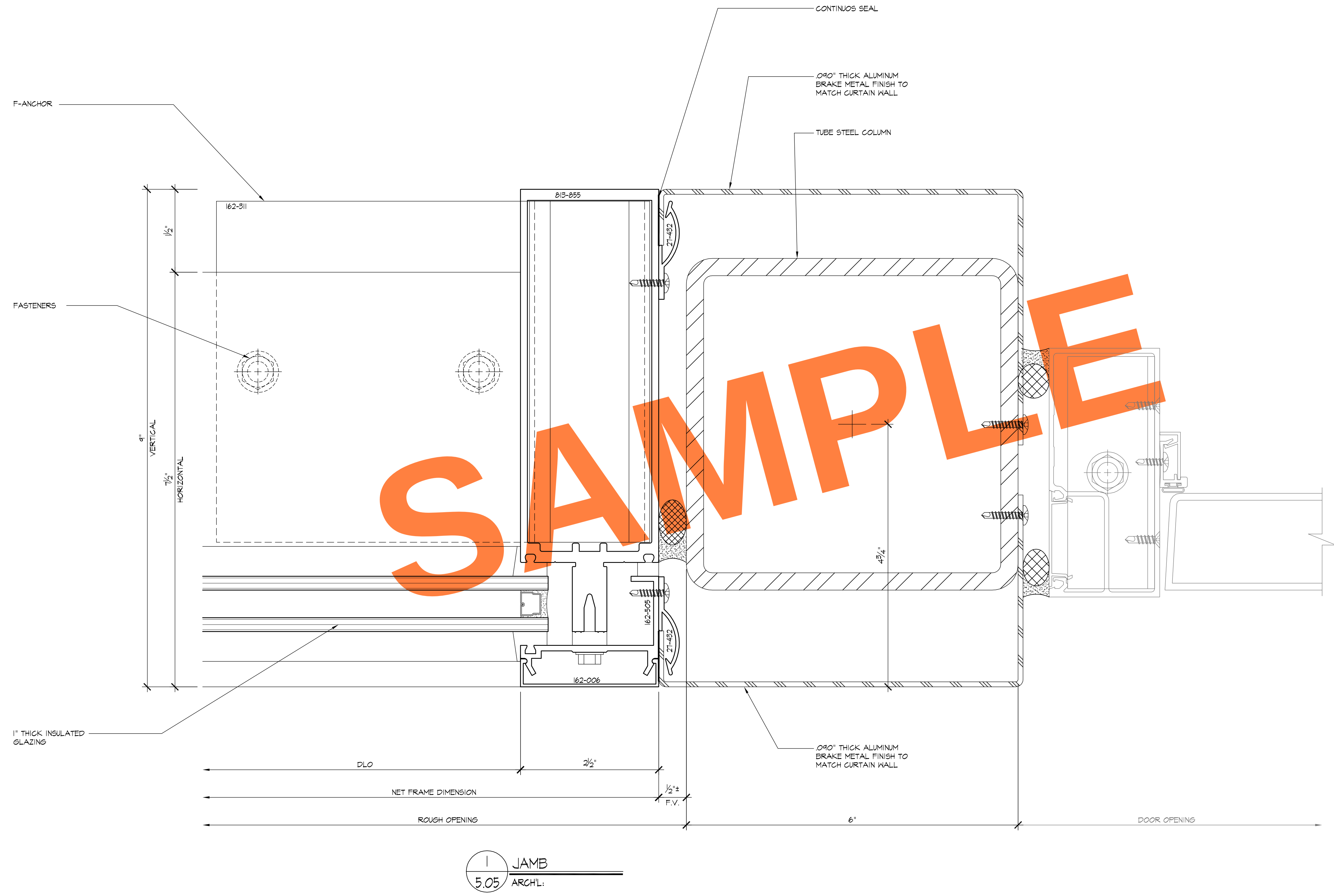
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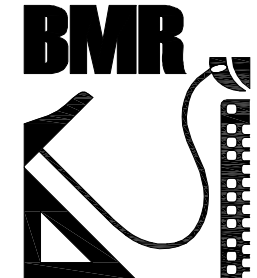
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SHEET NO:

5.04



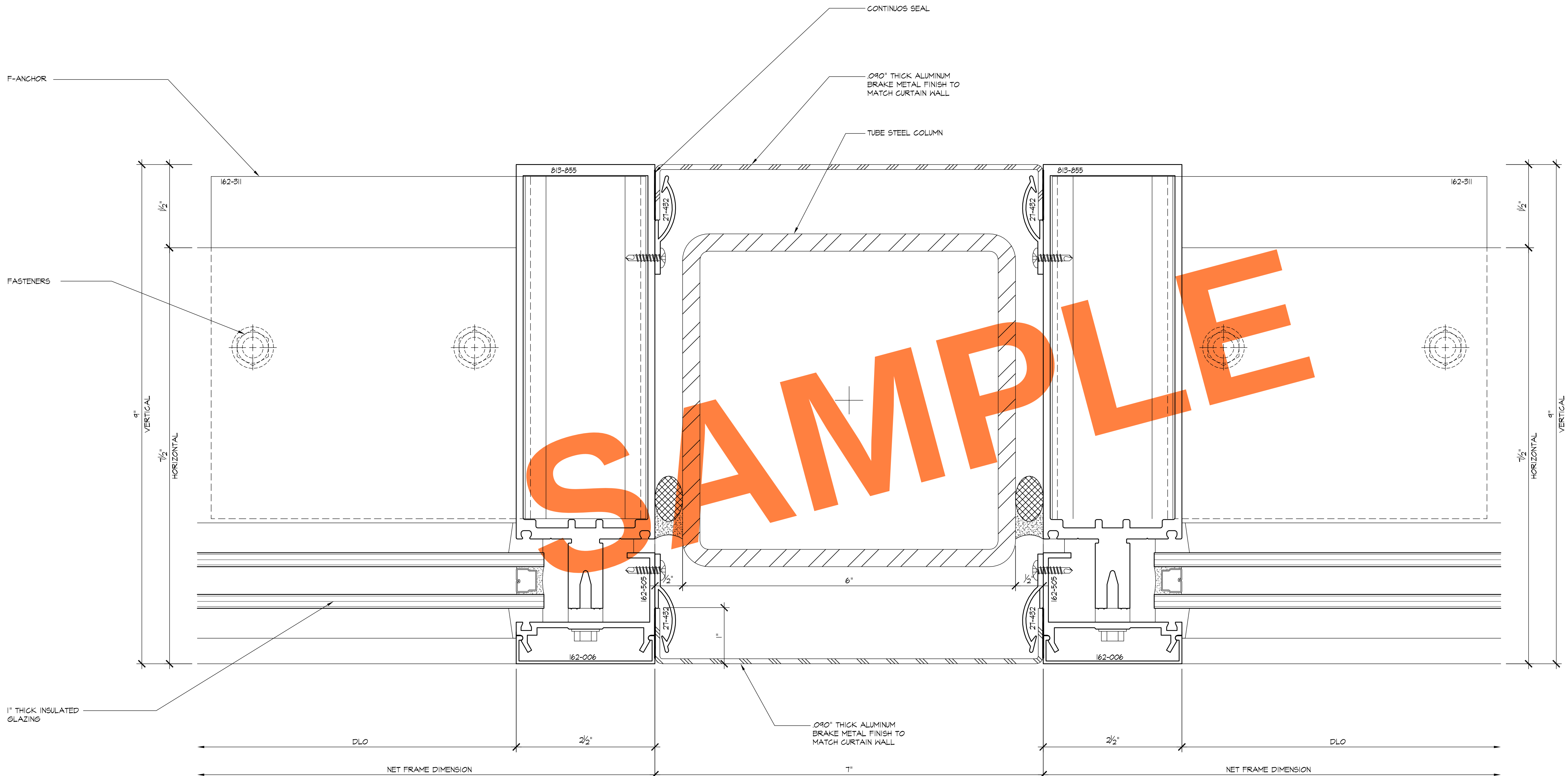
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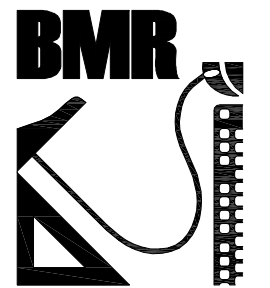
CARMEL ARCHITECTURAL SALES
4907 EAST LONDON DRIVE
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JOB NAME:	THE FRONTIER PROJECT
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SHEET NO:	5.05



1 VERTICAL
506 ARCH'L:

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SHEET DESCRIPTION:	DETAILS

DATE: 1/29/09

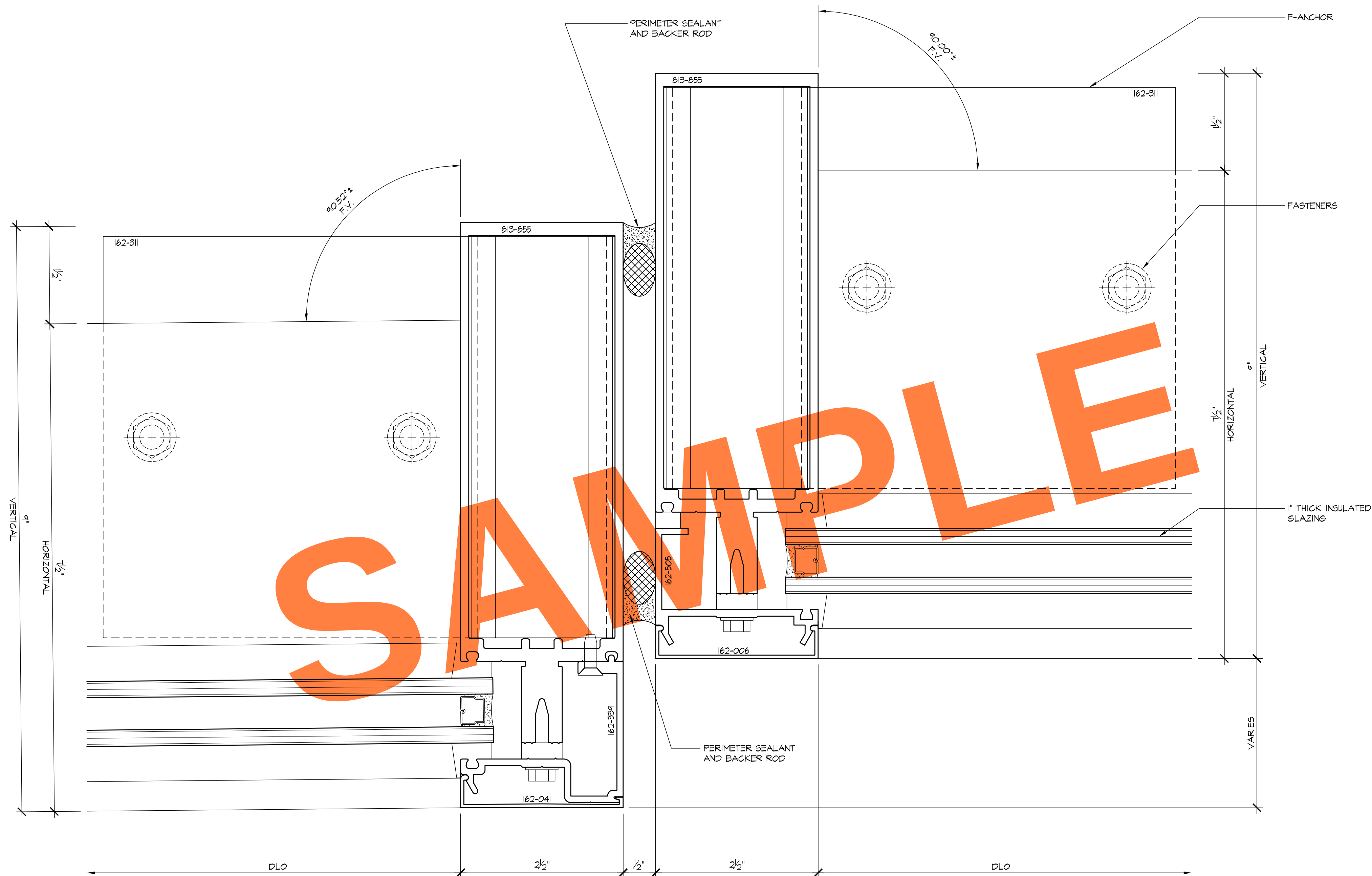
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JOB NO: 086-08

SHEET NO:

5.06



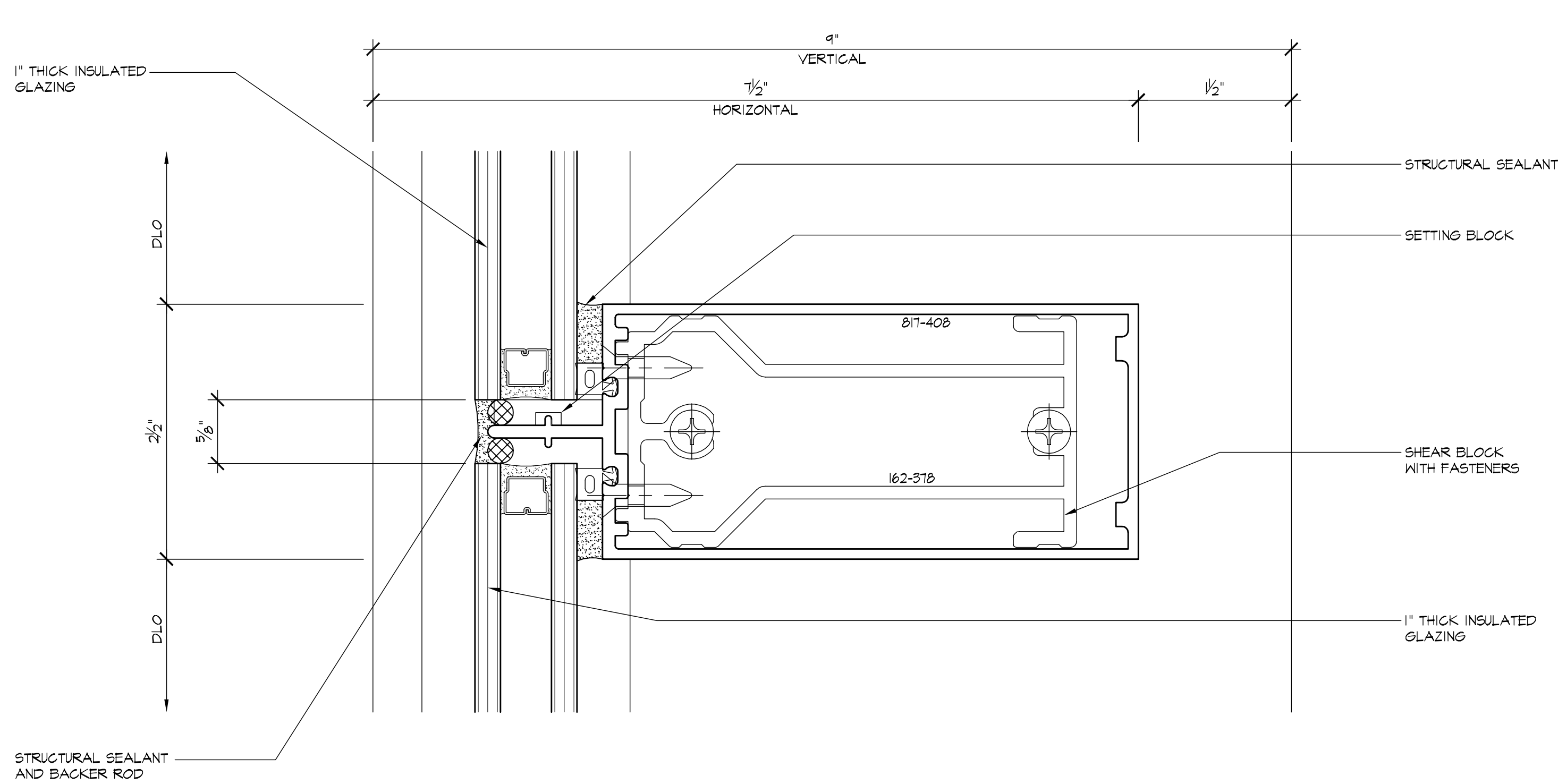
1 VERTICAL
507 ARCHL:

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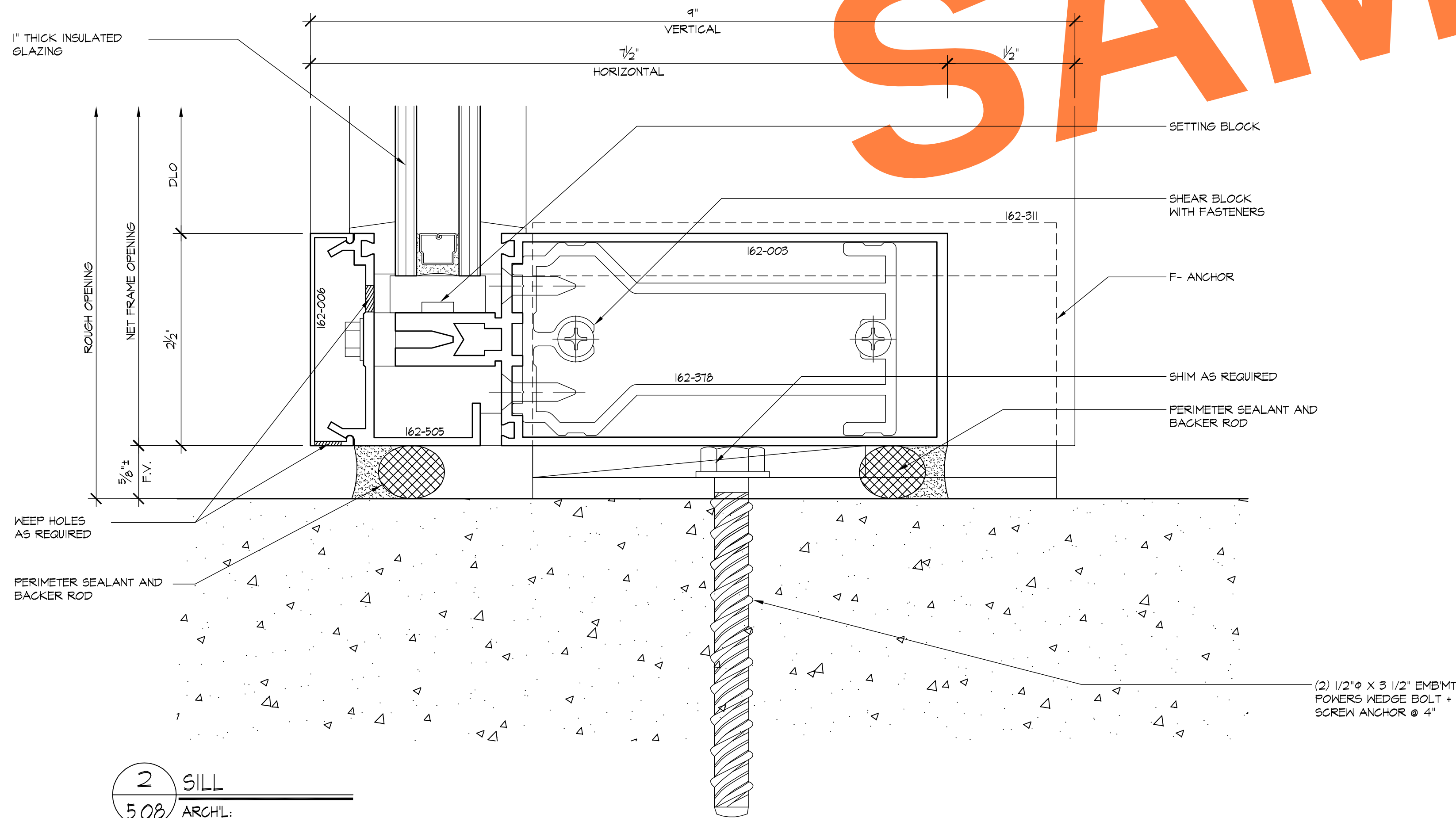
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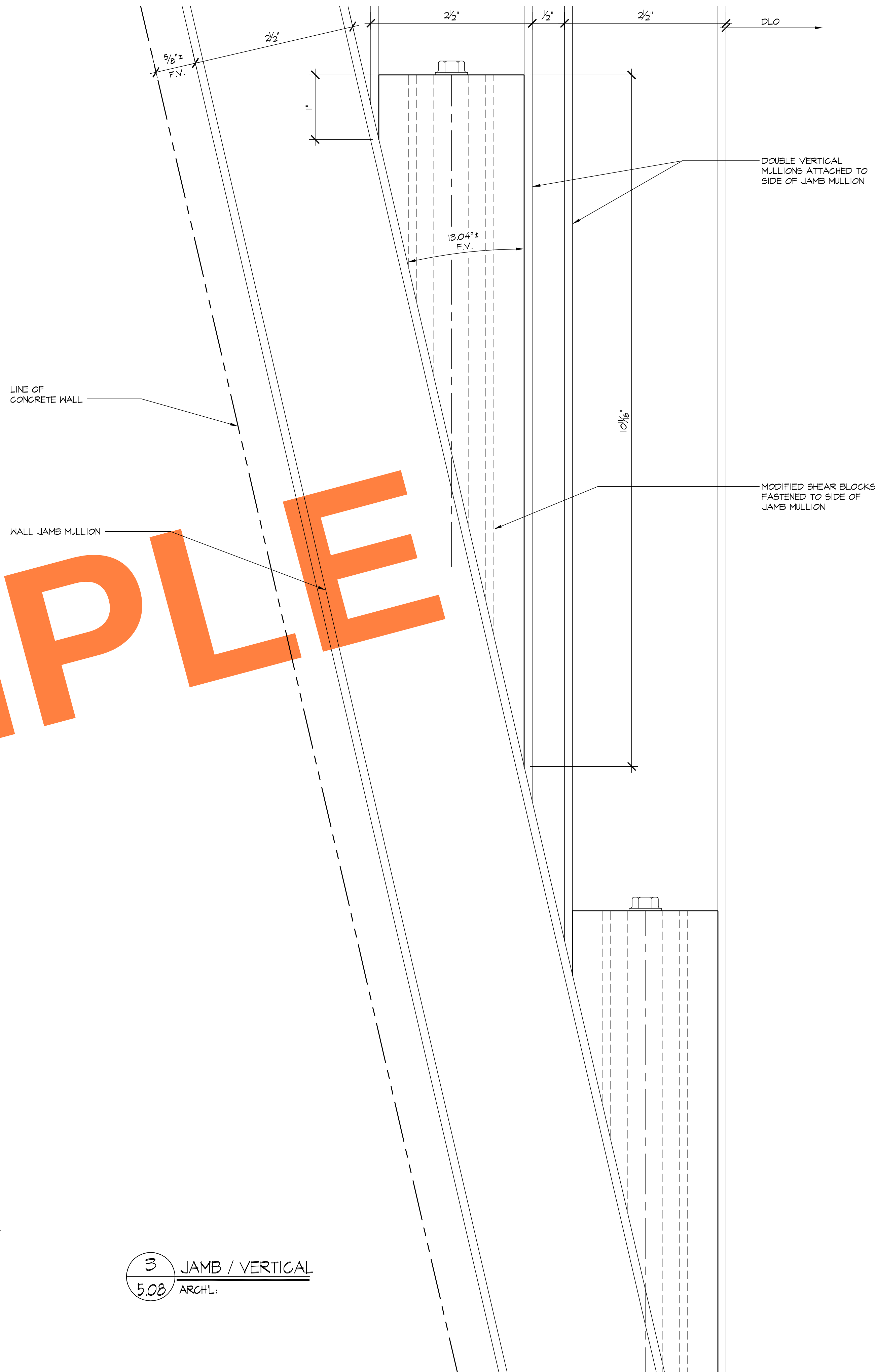
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ARCHITECT:	HMC ARCHITECTS
SHEET DESCRIPTION:	DETAILS
DATE:	1/29/09
SCALE:	FULL
DRAWN:	MAC
JOB NO:	086-08
SHEET NO:	5.07



1 HORIZONTAL
5.08 ARCHL:



2 SILL
5.08 ARCHL:



3 JAMB / VERTICAL
5.08 ARCHL:

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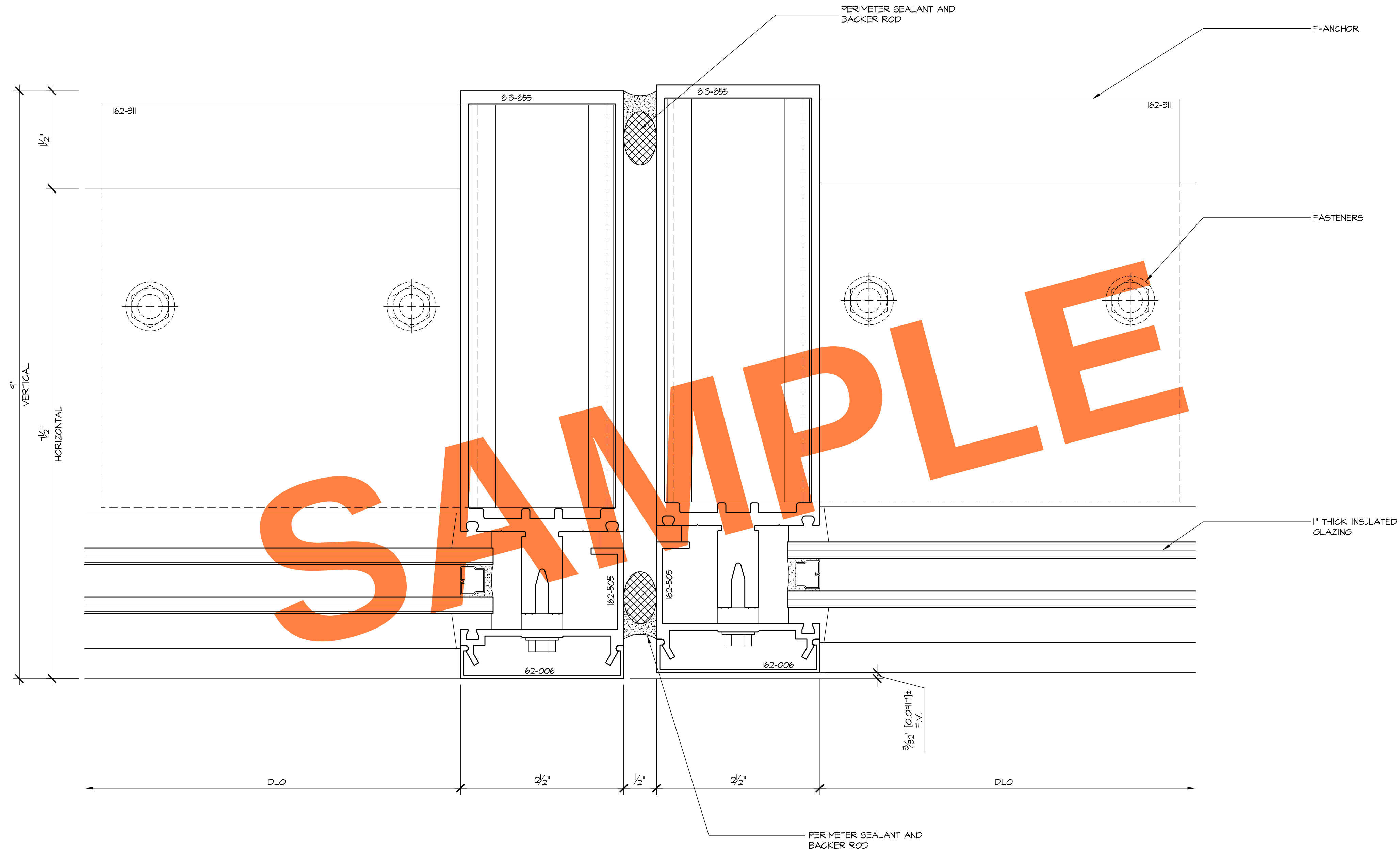
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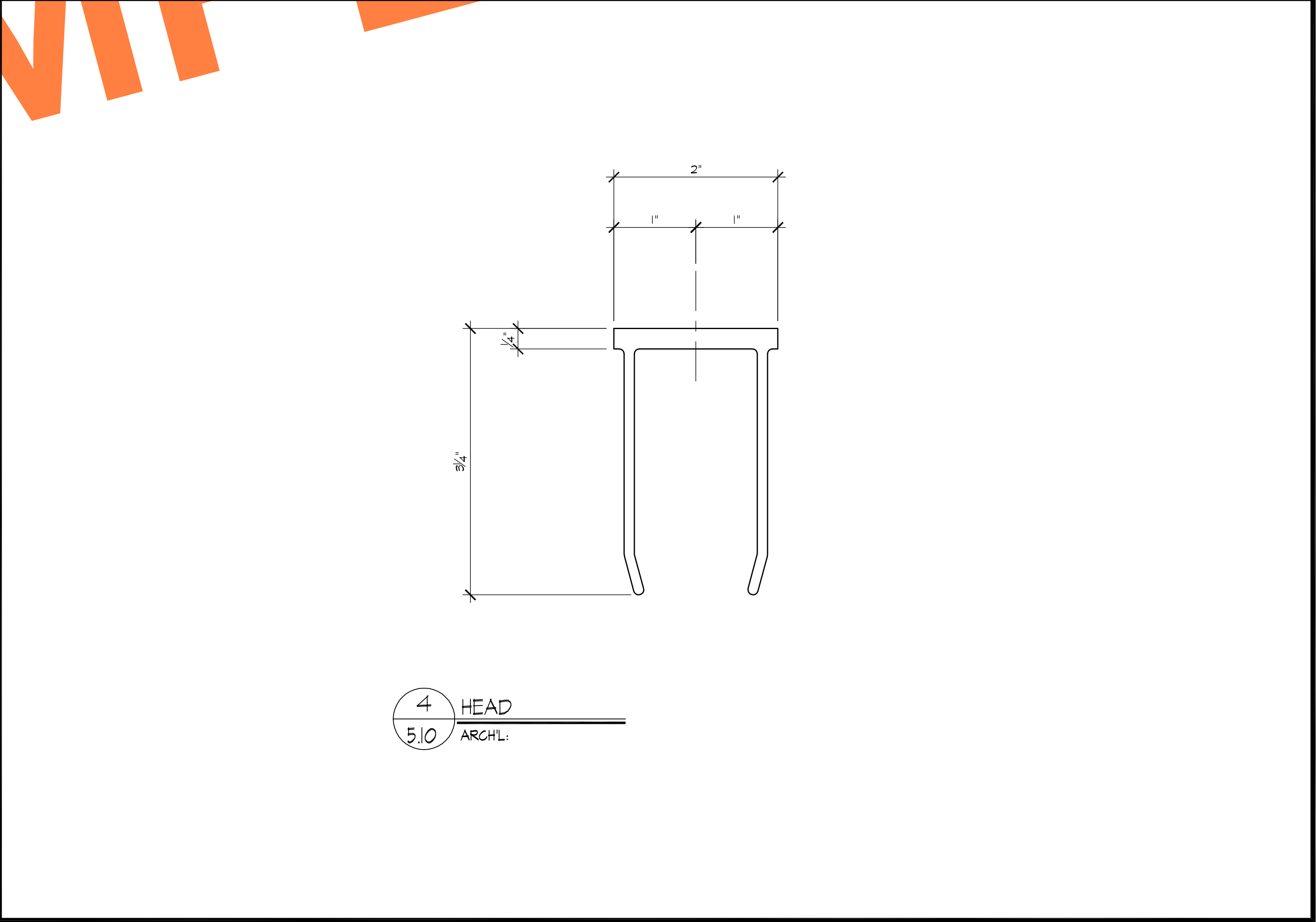
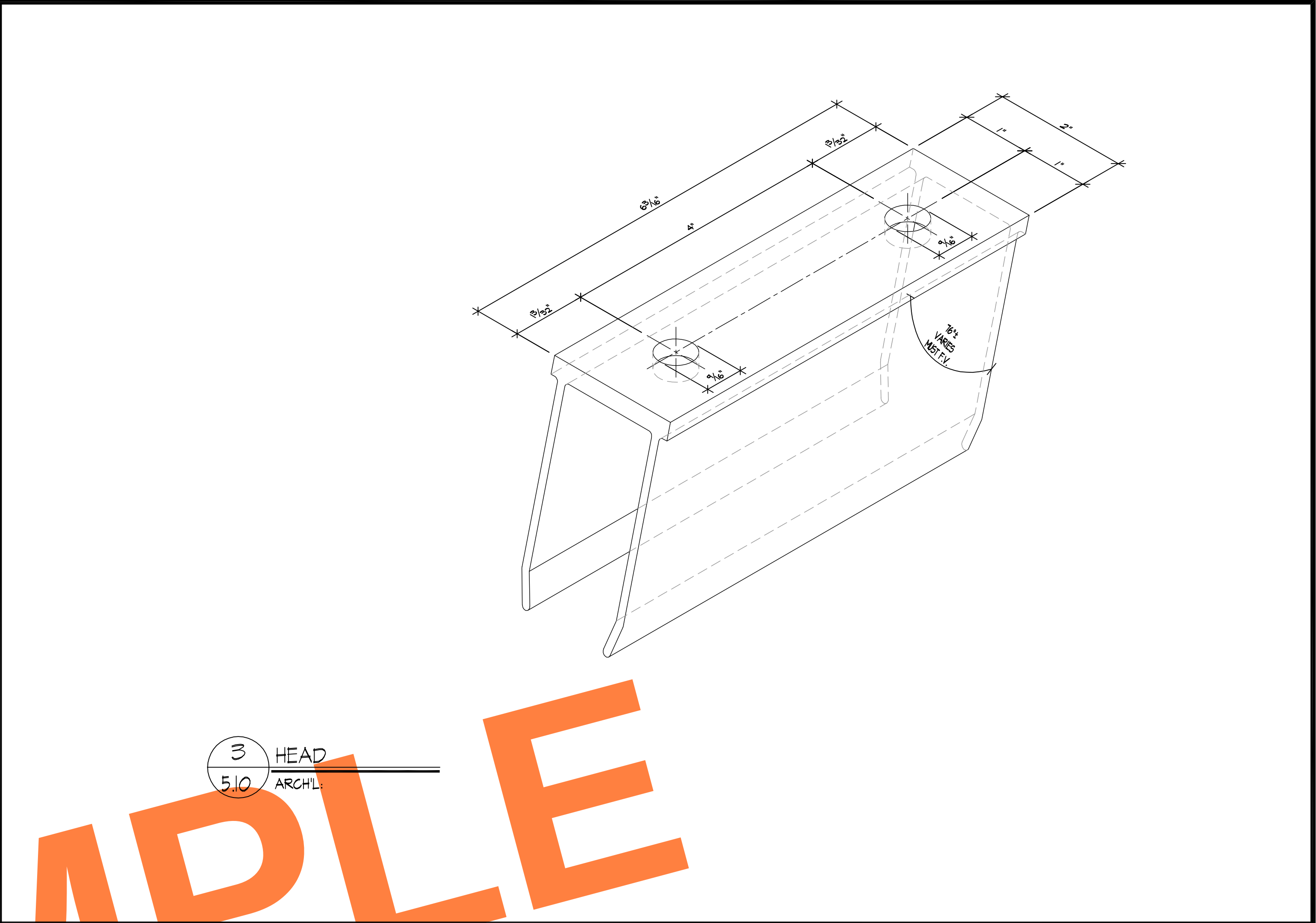
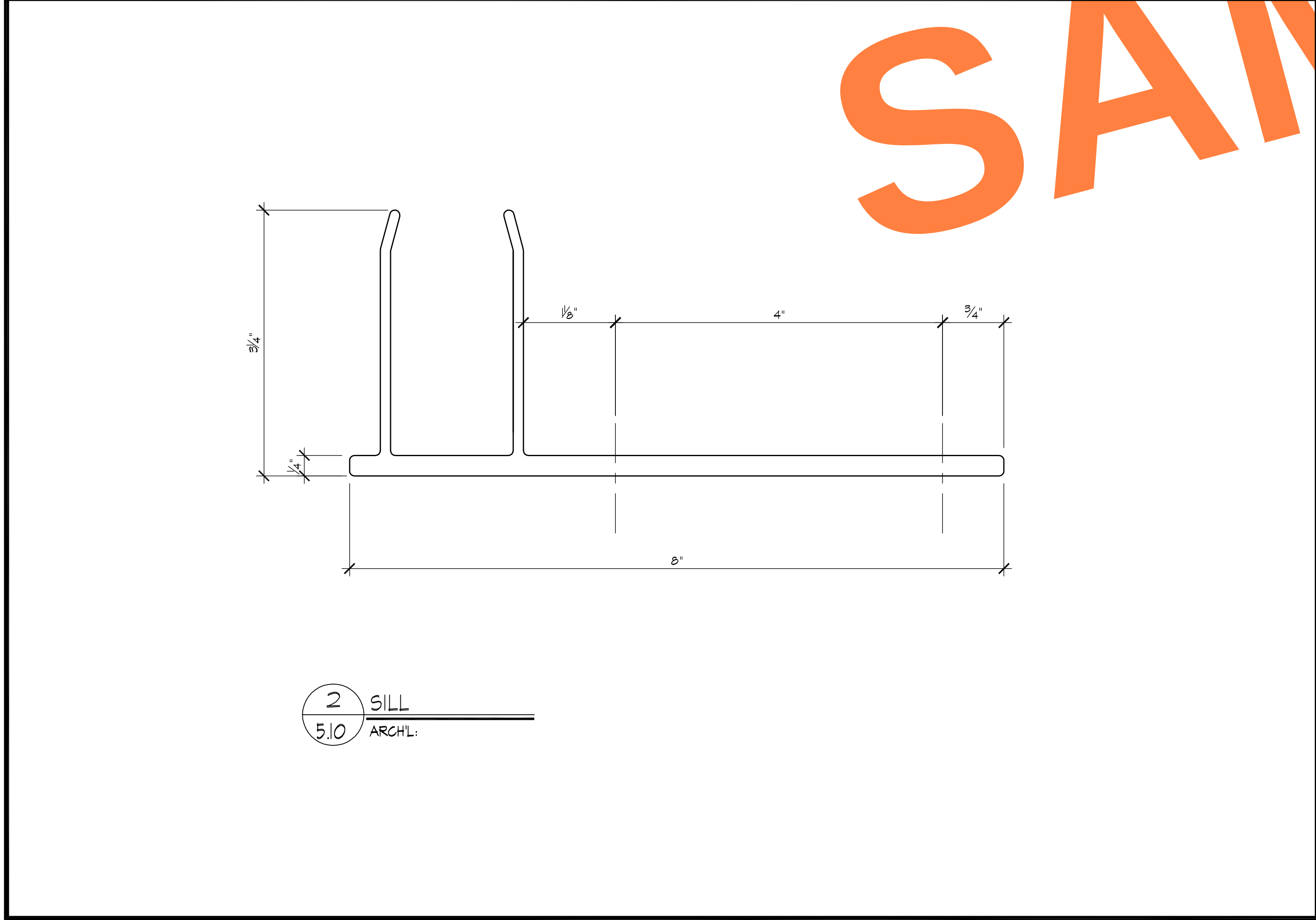
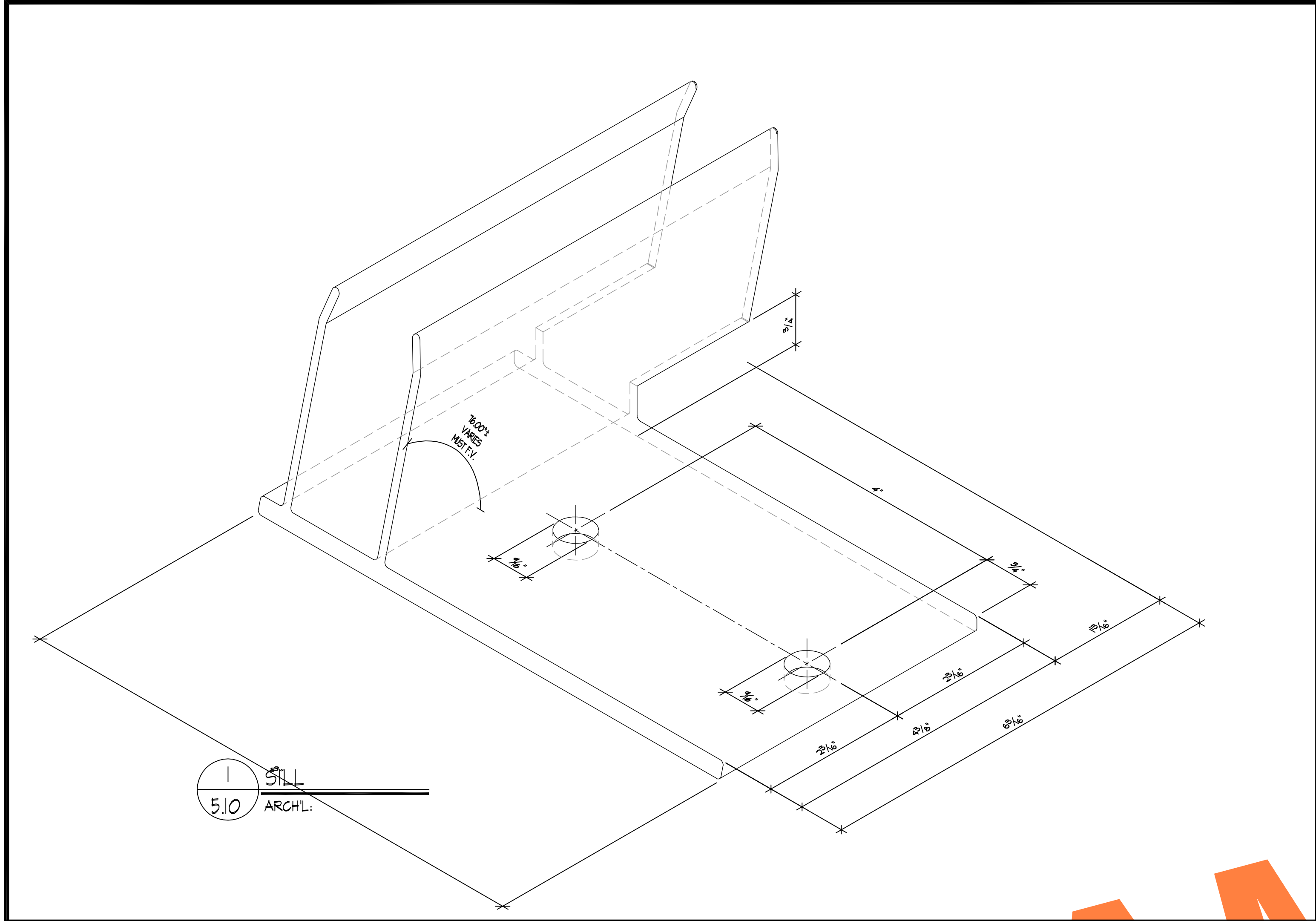
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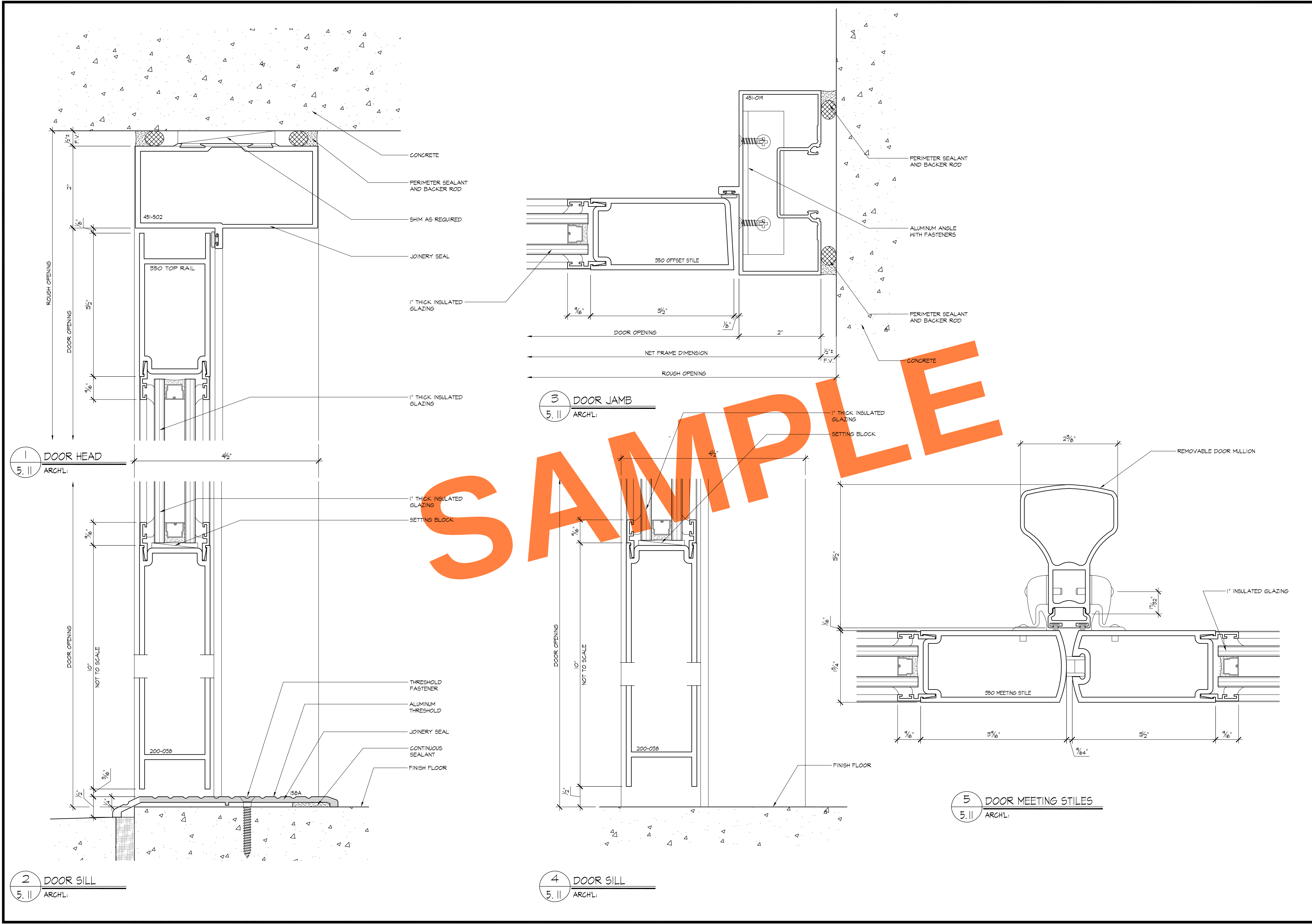
BMR
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SINCE 1988
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SUITE #9
MORENO VALLEY, CA 92553
B: (951) 243-7814
F: (951) 243-7873

CARMEL ARCHITECTURAL SALES
4907 EAST LONDON DRIVE
ANAHEIM, CA 92807

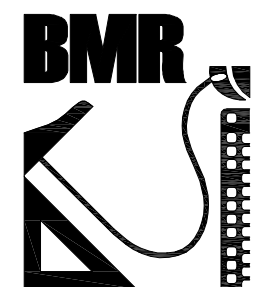
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ARCHITECT:	HMC ARCHITECTS
SHEET DESCRIPTION:	DETAILS
DATE:	1/29/09
SCALE:	FULL
DRAWN:	MAC
JOB NO:	086-08
SHEET NO:	5.09



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CARMEL ARCHITECTURAL SALES 4907 EAST LONDON DRIVE ANAHEIM, CA 92807		
JOB NAME: THE FRONTIER PROJECT ARCHITECT: HMC ARCHITECTS SHEET DESCRIPTION: DETAILS		
DATE: 1/29/09		
SCALE: FULL		
DRAWN: MAC		
JOB NO: 086-08		
SHEET NO:		
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JOB NAME:	THE FRONTIER PROJECT
ARCHITECT:	HMC ARCHITECTS
SHEET DESCRIPTION:	DETAILS
DATE:	1/29/09
SCALE:	FULL
DRAWN:	MAC
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