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INSTALLATION LIFTING POINT

EXTRUDED FLANGED FRAME

INSTALLATION LIFTING POINT

5" X 2-1/2" X 3/16" CHEVRON BLADES

EXTRUDED NON-FLANGED FRAME

GRILLE WIDTH MEASURED OUTSIDE JAMBS (TYPICAL REGARDLESS OF CONFIGURATION)

GRILLE HEIGHT MEASURED OUTSIDE TOP/BOTTOM (TYPICAL REGARDLESS OF CONFIGURATION)

NON-FLANGED EXTERIOR VIEW

FOR NON-FLANGED UNITS GRILLE IS SIZED 1/2" UNDER NOMINAL SIZE
FOR FLANGED INTERNAL UNITS GRILLE IS SIZED 1/2" UNDER NOMINAL SIZE
FOR FLANGED EXTERNAL UNITS GRILLE IS SIZED 3" OVER NOMINAL SIZE

FLANGED TOP/BOTTOM EXTERNAL MOUNT EXTERIOR VIEW

FLANGED TOP/BOTTOM INTERNAL MOUNT EXTERIOR VIEW

NOTES:

1. BUILDING CONDITION MAX. OPENING ID FOR A SINGLE SECTION IS 48"Wx96"H. BUILDING CONDITION MIN. OPENING ID IS 12"Wx12"H. FOR MULTI-SECTIONS, UNLIMITED CONDITION OPENING WIDTH x SINGLE SECTION OPENING HIGH or UNLIMITED CONDITION OPENING HEIGHT x SINGLE SECTION OPENING WIDTH. ACTUAL SIZE OF LOUVER SECTIONS IS DEPENDENT ON INSTALLATION METHOD.
2. THIS DRAWING INCLUDES INSTALLATION DETAILS TO ATTAIN A 300-PSF DESIGN PRESSURE ACROSS ALL SIZES AND IMPACT RESISTANCE PER FEMA 361/320 AND ICC 500.
3. GRILLE TESTED FOR LARGE MISSILE IMPACT TEST WITH 15 LB 2 X 4 AND 100 MPH VELOCITY.
4. IT IS ASSUMED THAT THE GRILLE SYSTEMS DO NOT SUPPORT ANY LOADS TRANSFERRED FROM THE BUILDING CONDITION.
5. IT IS ASSUMED THAT THE BUILDING CONDITIONS ARE ADEQUATELY DESIGNED TO SUPPORT LOADS IMPARTED BY THE GRILLE.
6. ALL HARDWARE SHOWN IS SUPPLIED BY ALL-LITE UNLESS OTHERWISE SPECIFIED. HARDWARE IS SHIPPED LOOSE, MILL FINISH.
7. SEPARATION OF DISSIMILAR METALS / ALUM. TO STEEL SHOULD BE TAKEN INTO CONSIDERATION, AND IS BY OTHERS UNLESS SPECIFIED OTHERWISE.
8. ALL BACKER ROD, SEALANT/CAULKING IS SUPPLIED BY OTHERS.
9. ALL HOLES, HARDWARE, ANCHORS, AND/OR SHIMS REQUIRED TO INSTALL UNITS TO BUILDING, STRUCTURE, OR EXISTING CONDITION BY OTHERS. .
10. APPROXIMATE WEIGHT FOR GRILLE IS 15 LBS/SQ-FT.

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES

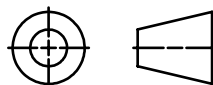
TOLERANCE UNLESS NOTED:

X.X	±0.060
X.XX	±0.030
X.XXX	±0.010
ANGLE	±1°
FRACTION	±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

5101 Blue Mound Road
Fort Worth, Texas 76106
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Fax: 817-831-3110

THIRD ANGLE PROJECTION



ALL-LITE

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DRAWING DESCR: COVER SHEET

PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS

LOCATION:

CUSTOMER:

PROJ. MGR.: NATHAN WOODWORTH

DRAWN BY: DJA

DATE: 4/2/2026

CHK'D BY: NWW

ORDER NUMBER

P.O. NUMBER

DRAWING NUMBER

SHEET: 1 of 16

SCALE: NONE

70219-2 C-1

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

8

7

6

5

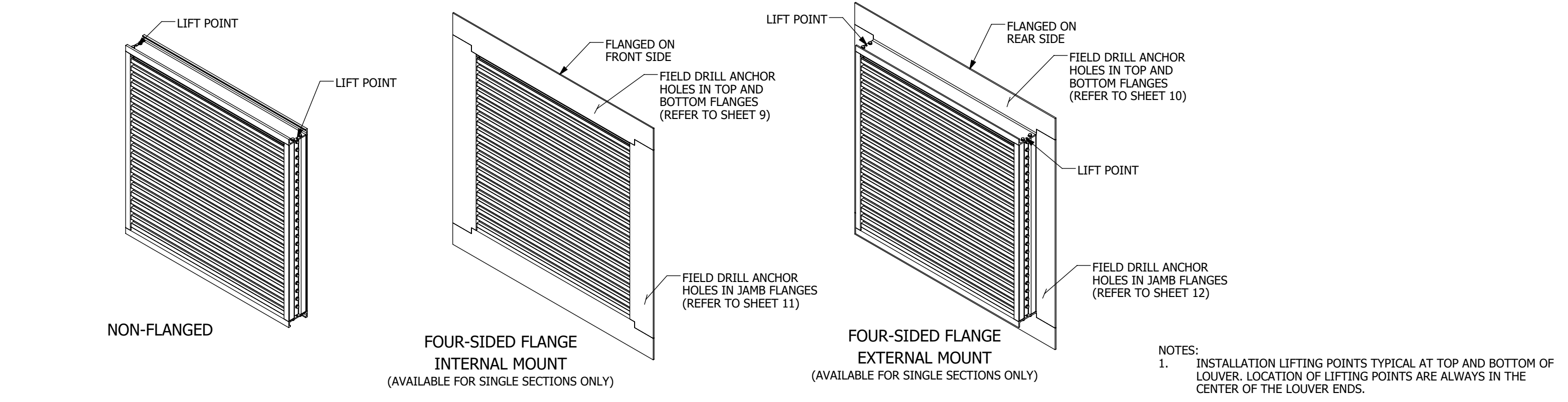
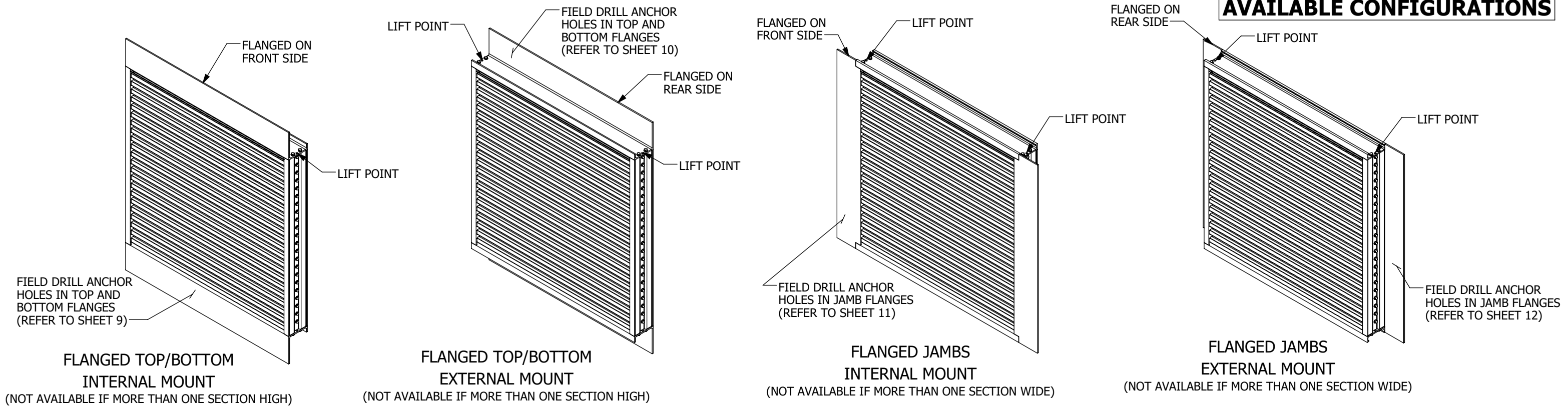
4

3

2

1

AVAILABLE CONFIGURATIONS

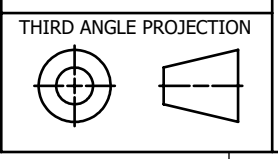


NOTES:
 1. INSTALLATION LIFTING POINTS TYPICAL AT TOP AND BOTTOM OF LOUVER. LOCATION OF LIFTING POINTS ARE ALWAYS IN THE CENTER OF THE LOUVER ENDS.

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UNLESS OTHERWISE SPECIFIED
 DIMENSION ARE IN INCHES
 TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16
 MAX HOLE BREAKOUT:
 15% OF MATERIAL THICKNESS

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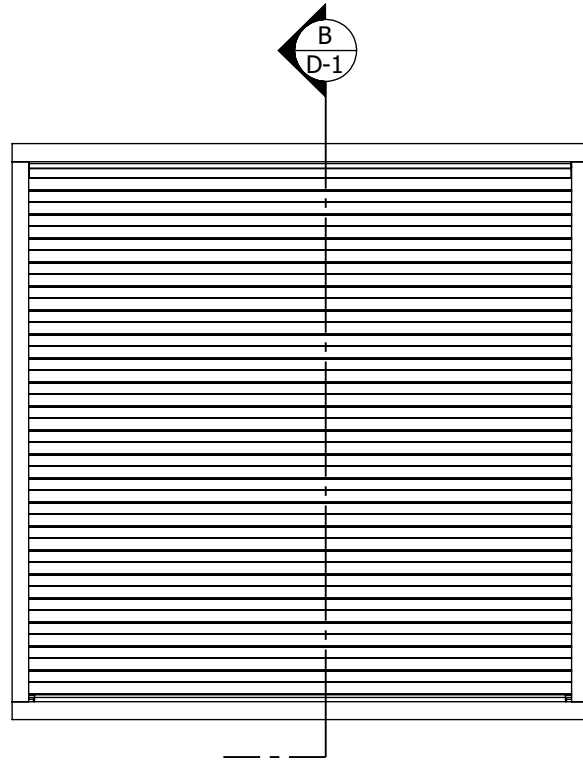


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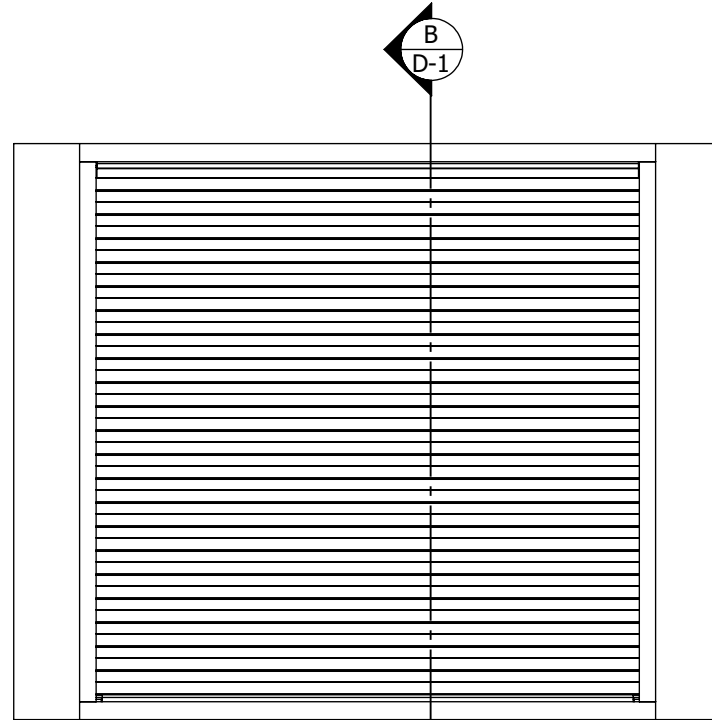
DRAWING DESCR: AVAILABLE CONFIGURATIONS				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 2 of 16	SCALE: NONE			70219-2 C-2

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

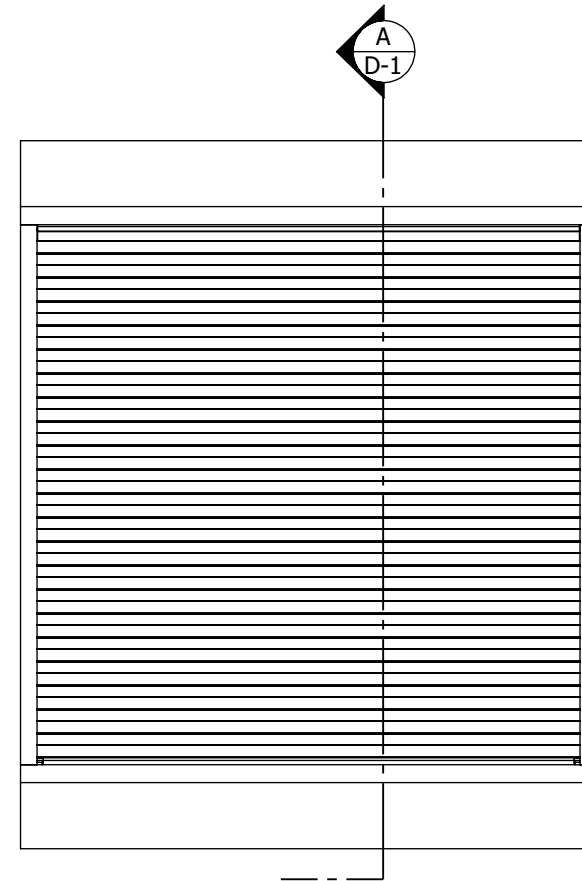
SINGLE SECTION ASSEMBLIES



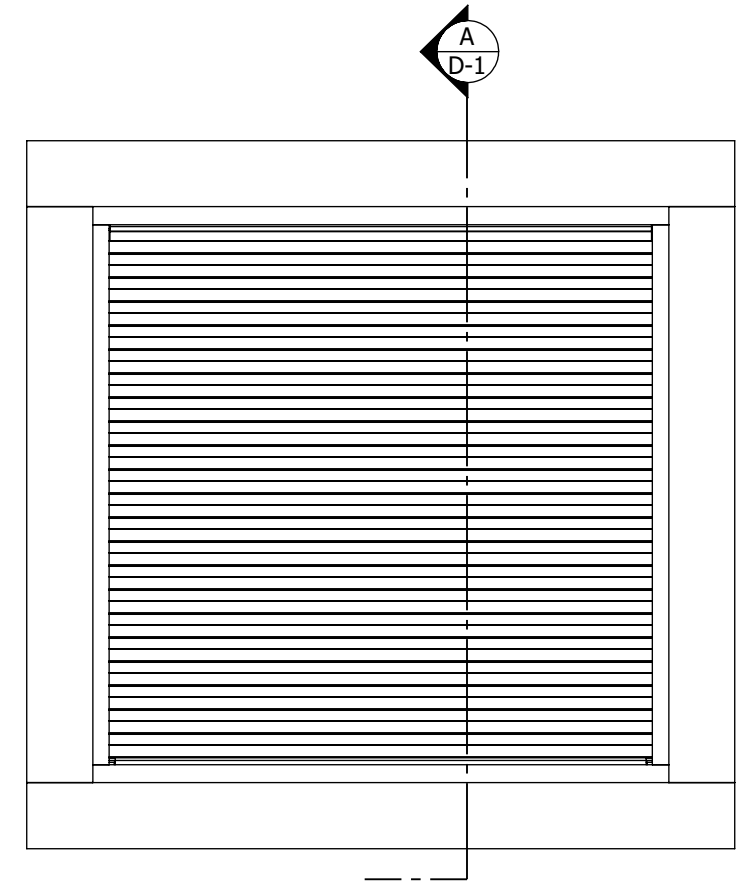
**SINGLE SECTION ARRANGEMENT
NON-FLANGED**
INTERNAL MOUNT, EXTERIOR VIEW



**SINGLE SECTION ARRANGEMENT
FLANGED JAMBS**
INTERNAL MOUNT, EXTERIOR VIEW



**SINGLE SECTION ARRANGEMENT
FLANGED TOP/BOTTOM**
INTERNAL MOUNT, EXTERIOR VIEW



**SINGLE SECTION ARRANGEMENT
FOUR-SIDED FLANGE**
INTERNAL MOUNT, EXTERIOR VIEW

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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Fort Worth, Texas 76106
Phone: 817-509-2300
Fax: 817-831-3110

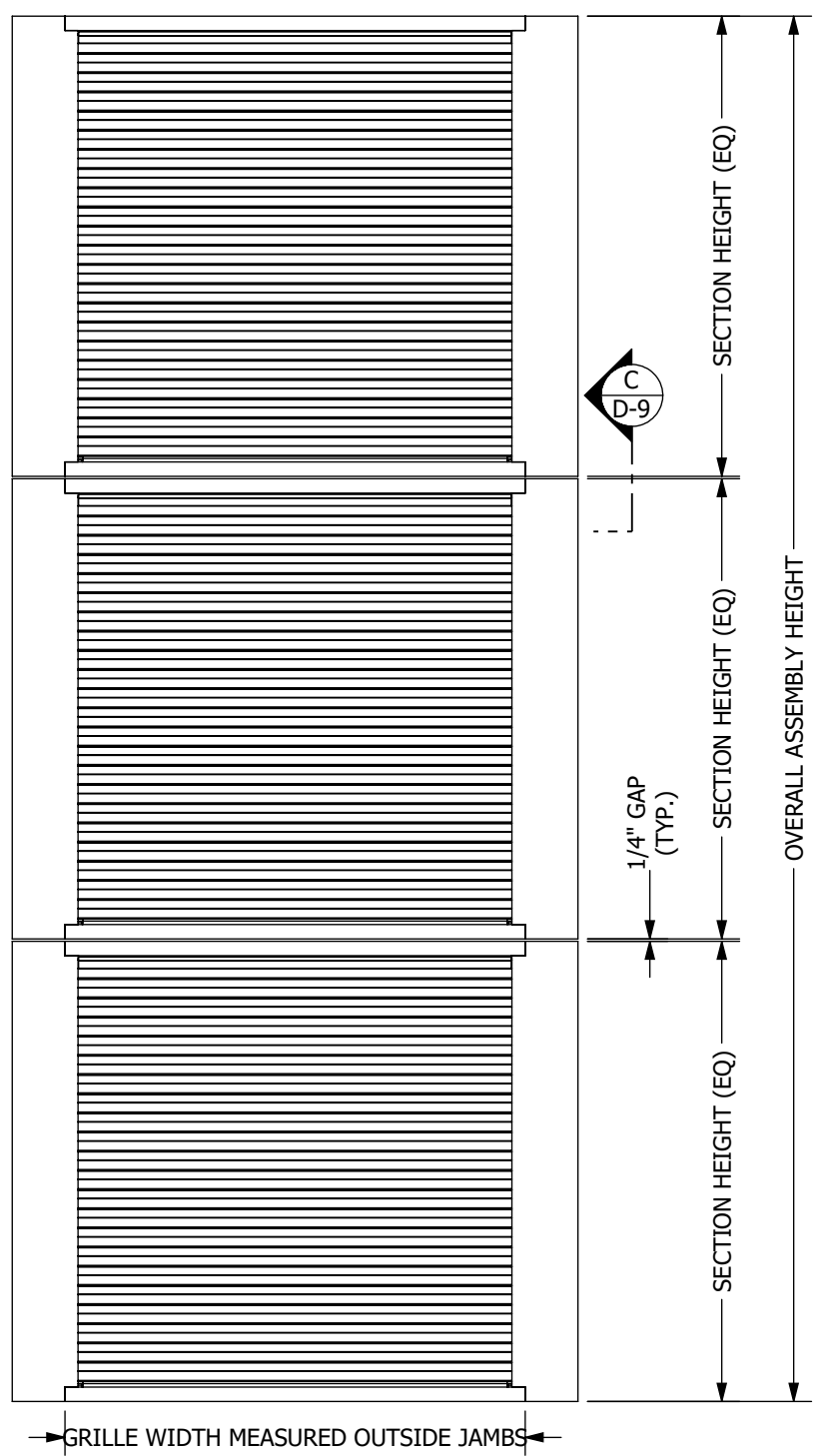
THIRD ANGLE PROJECTION

ALL-LITE

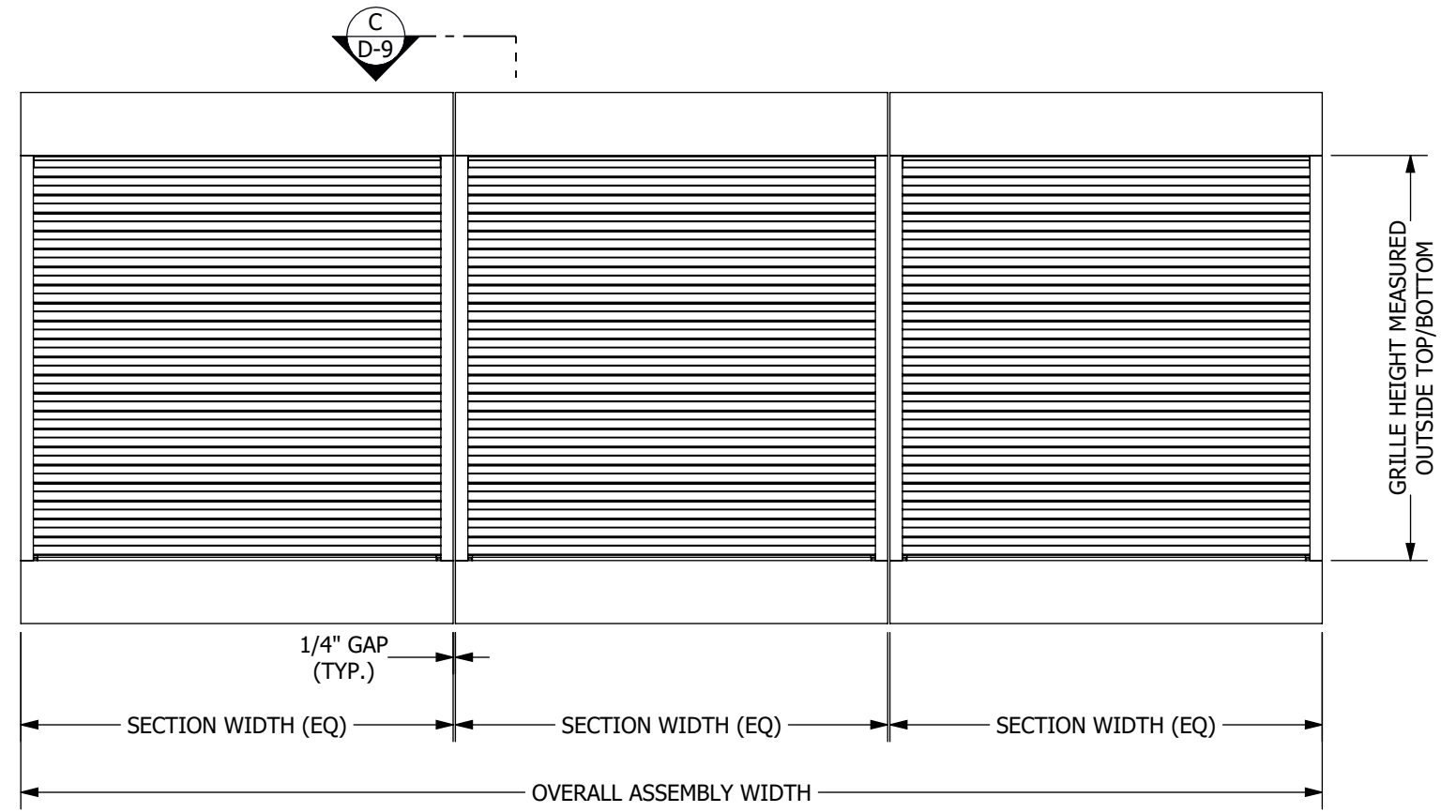
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DRAWING DESCR: ELEVATION VIEWS, SINGLE SECTION ASSEMBLIES				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 3 of 16	SCALE: NONE			70219-2 E-1

MULTI-SECTION ASSEMBLIES



MULTI-SECTION HIGH (UNLIMITED) ARRANGEMENT
 AVAILABLE IN FLANGED JAMBS OR
 NON-FLANGED CONFIGURATIONS ONLY
 FLANGED JAMBS SHOWN, INTERNAL MOUNT, EXTERIOR VIEW
 NON-FLANGED SIMILAR



MULTI-SECTION WIDE (UNLIMITED) ARRANGEMENT
 AVAILABLE IN FLANGED TOP/BOTTOM OR
 NON-FLANGED CONFIGURATIONS ONLY
 FLANGED TOP/BOTTOM SHOWN, INTERNAL MOUNT, EXTERIOR VIEW
 NON-FLANGED SIMILAR

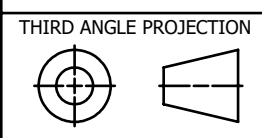
- NOTES:
 1. MULTI-SECTION CONFIGURATIONS ARE AVAILABLE ONLY IN MULTI-SECTION HIGH X SINGLE SECTION WIDE OR MULTI-SECTION WIDE X SINGLE SECTION HIGH. NO PROVISIONS HAVE BEEN MADE FOR MULTI-SECTION HIGH X MULTI-SECTION WIDE CONFIGURATION.

UNLESS OTHERWISE SPECIFIED
 DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
 15% OF MATERIAL THICKNESS

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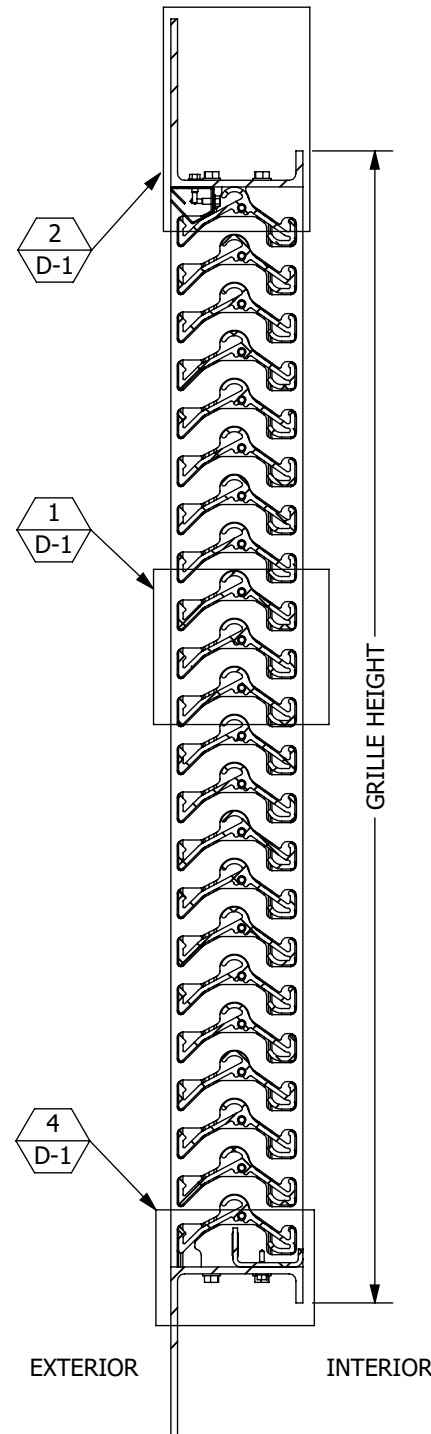
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DRAWING DESCR: ELEVATION VIEWS, MULTI-SECTION ASSEMBLIES				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH			DRAWN BY: DJA	
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 4 of 16	SCALE: NONE			70219-2 E-2

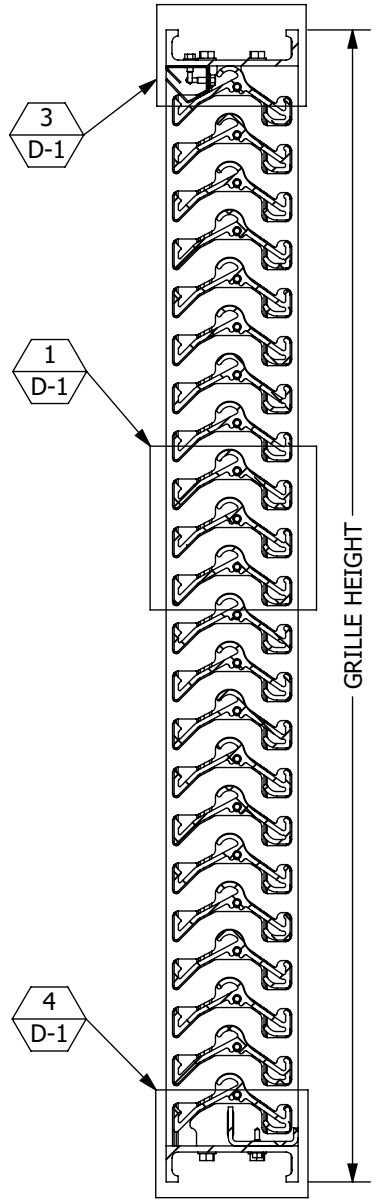
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

SECTIONS & DETAILS



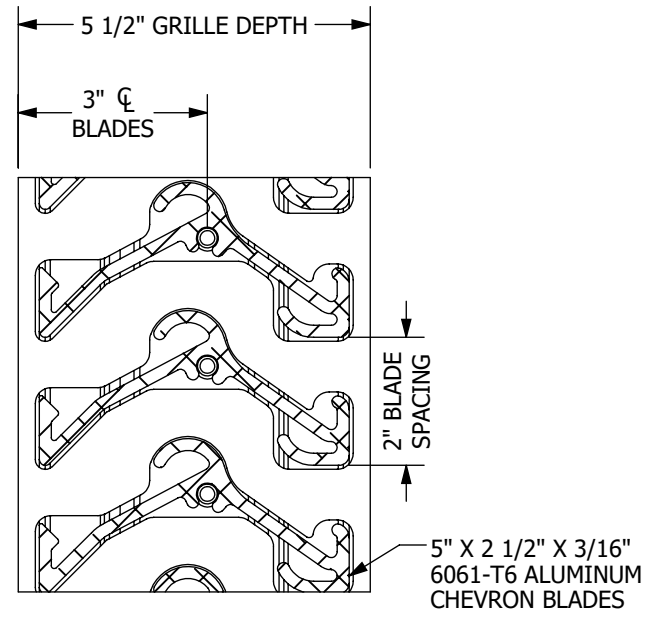
SECTION **A** VIEW
3" = 1'-0" D-1 E-1

INTERNAL MOUNT ARRANGEMENT SHOWN
EXTERNAL MOUNT HAS FLANGE OPPOSITE SIDE

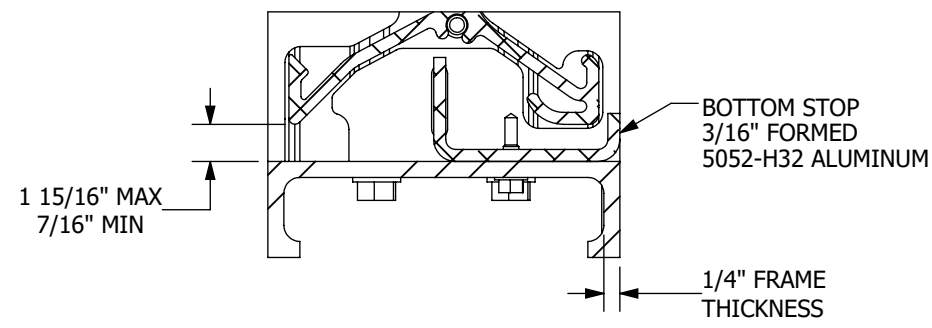


SECTION **B** VIEW
3" = 1'-0" D-1 E-1

MOUNT NON-FLANGED
ARRANGEMENT SHOWN

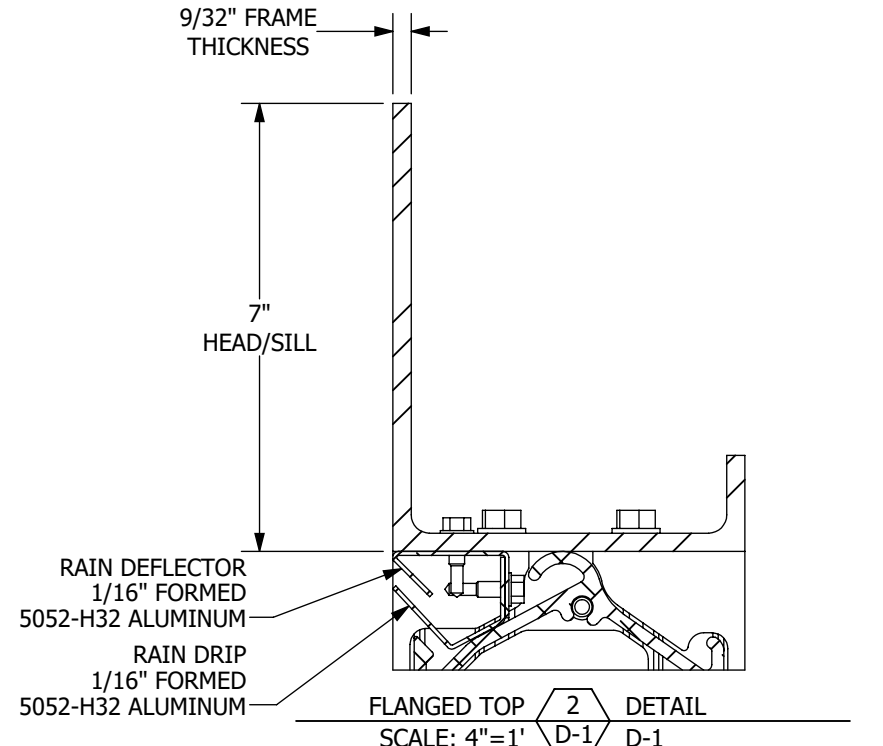


BLADE **1** DETAIL
SCALE: 4"=1' D-1 D-1



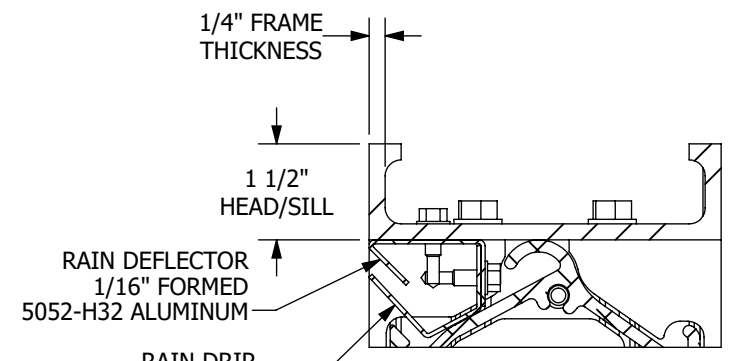
BOTTOM SIGHT GAP **4** DETAIL
SCALE: 4"=1' D-1 D-1

NON-FLANGED BOTTOM DETAIL SHOWN
FLANGED BOTTOM DETAIL SIMILAR



FLANGED TOP **2** DETAIL
SCALE: 4"=1' D-1 D-1

INTERNAL MOUNT TOP DETAIL SHOWN
EXTERNAL MOUNT HAS FLANGE OPPOSITE SIDE
FLANGED BOTTOM AND FLANGED JAMB DETAILS SIMILAR



NON-FLANGED TOP **3** DETAIL
SCALE: 4"=1' D-1 D-1

NON-FLANGED HEAD DETAIL SHOWN

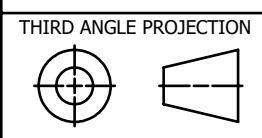
REV.	DESCRIPTION	DATE	DRAWN BY
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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Fax: 817-831-3110



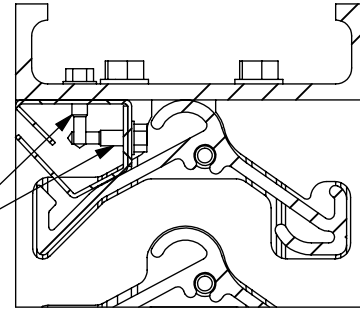
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DRAWING DESCR: SECTIONS & DETAILS				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 5 of 16	SCALE: AS NOTED			70219-2 D-1

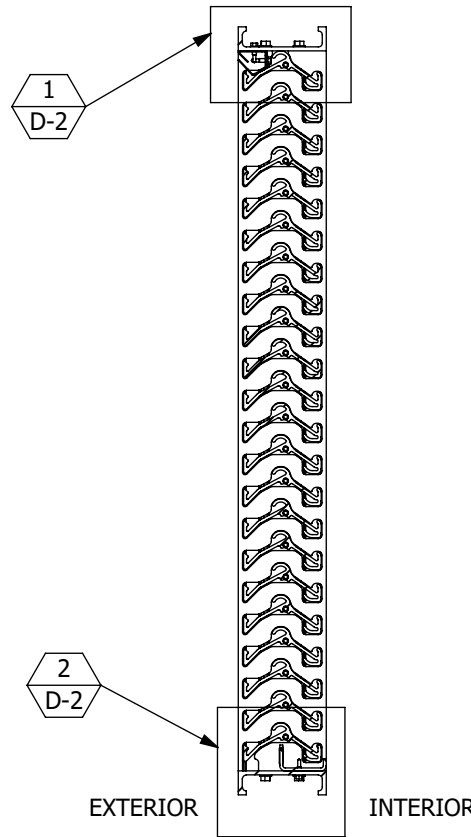
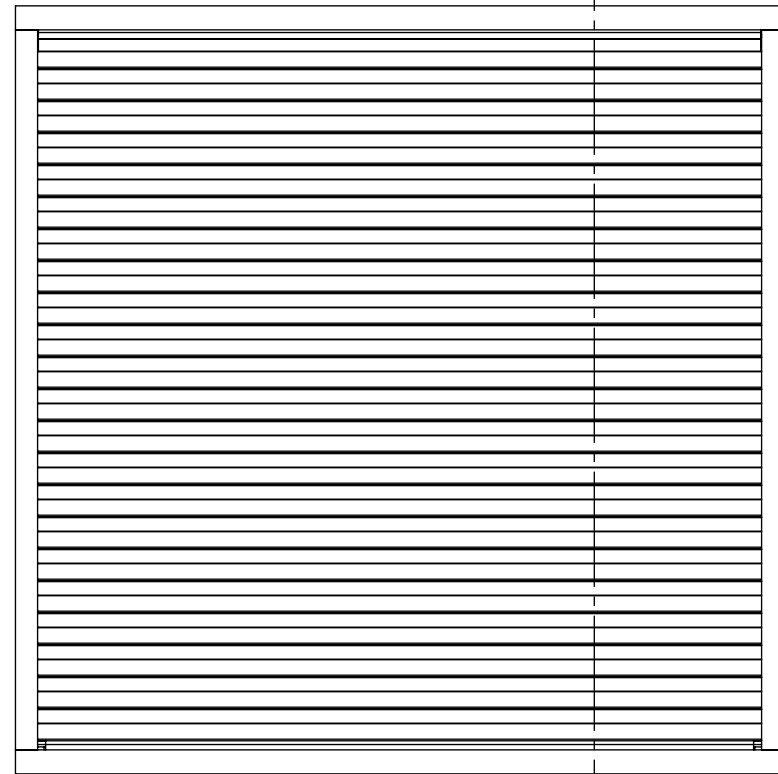
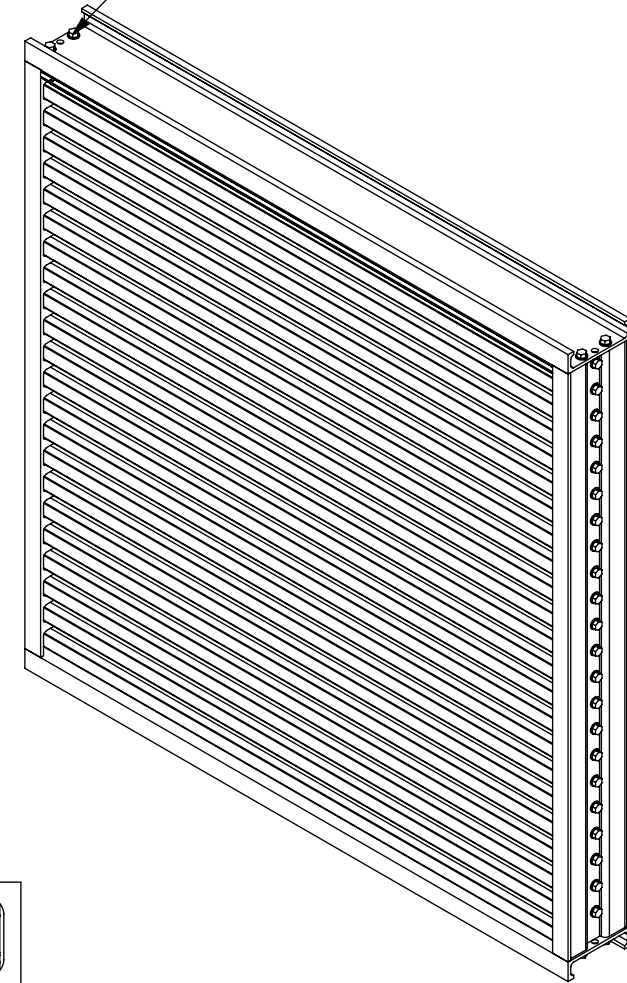
ASSEMBLY HARDWARE DETAILS

RAIN DRIP AND RAIN DEFLECTOR
TO BE FASTENED WITH SCREW #52753-1
(SCREW, HWH, TEK, 1/4"-20 UNC X 1" LG.)
14" MAX ON CENTER



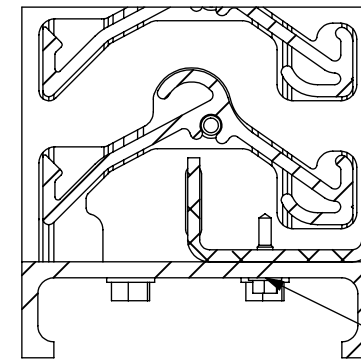
RAIN DRIP & DEFLECTOR **1** DETAIL
SCALE: 3"=1' **D-2** ASSEMBLY HARDWARE

HEAD, SILL AND JAMBS TO BE FASTENED WITH
SCREW #63127 (SCREW, HWH, 3/8-16 UNC X 1-1/2" LG.
TYPE C THREAD FORMING)



EXTERIOR INTERIOR

SECTION **D** VIEW
SCALE: 3"=1' **D-2** **D-2**



BOTTOM STOP TO BE FASTENED WITH SCREW
#52753-1 (SCREW, HWH, TEK, 1/4"-20 UNC X 1" LG.)
13" MAX ON CENTER

BOTTOM STOP **2** DETAIL
SCALE: 3"=1' **D-2** ASSEMBLY HARDWARE

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UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

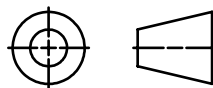
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THIRD ANGLE PROJECTION



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DRAWING DESCR: ASSEMBLY HARDWARE DETAILS

PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS

LOCATION:

CUSTOMER:

PROJ. MGR.: NATHAN WOODWORTH

DRAWN BY: DJA

DATE: 4/2/2026

CHK'D BY: NWW

ORDER NUMBER

P.O. NUMBER

DRAWING NUMBER

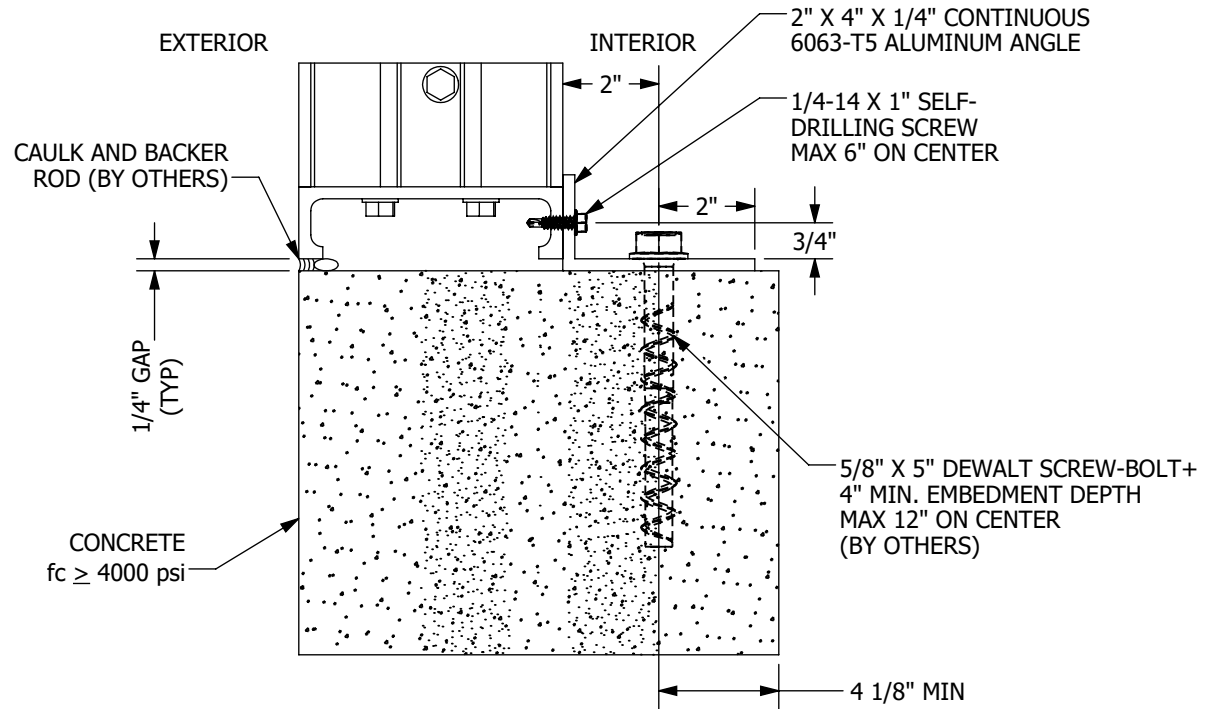
SHEET: 6 of 16

SCALE: AS NOTED

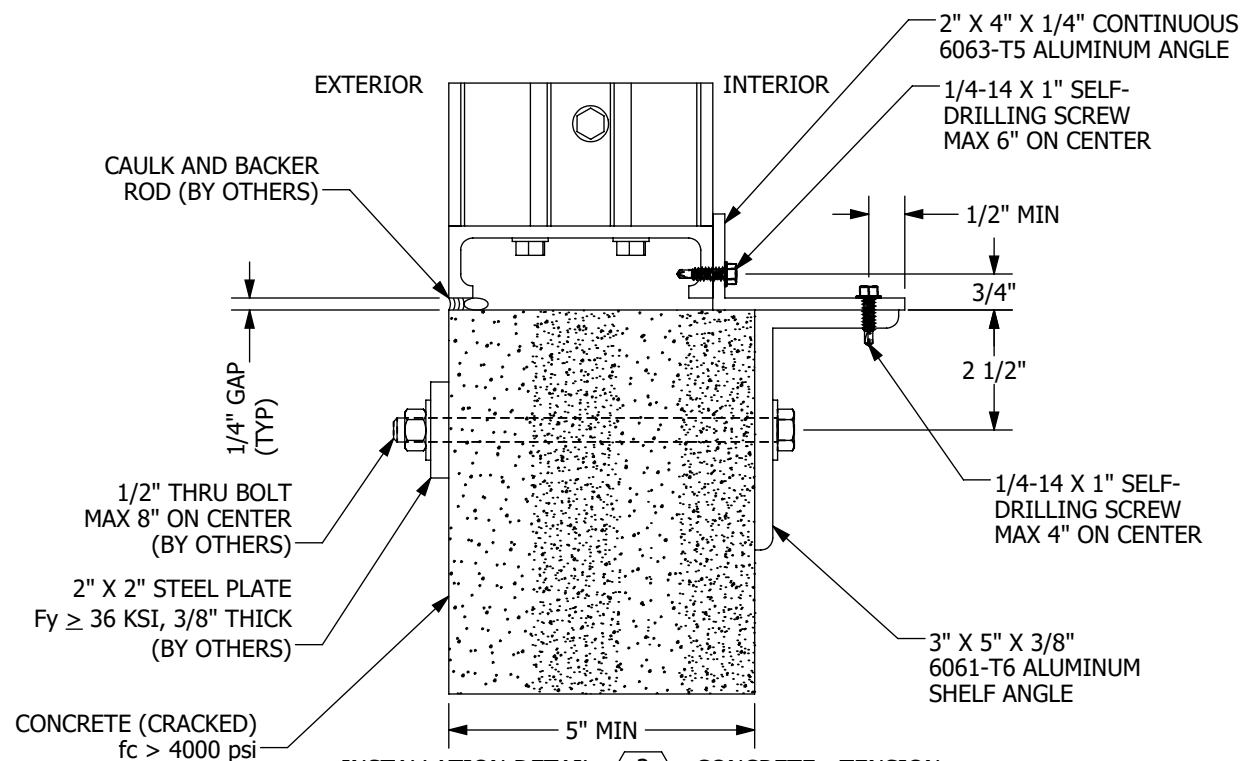
70219-2 D-2

REV.	DESCRIPTION	DATE	DRAWN BY
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM

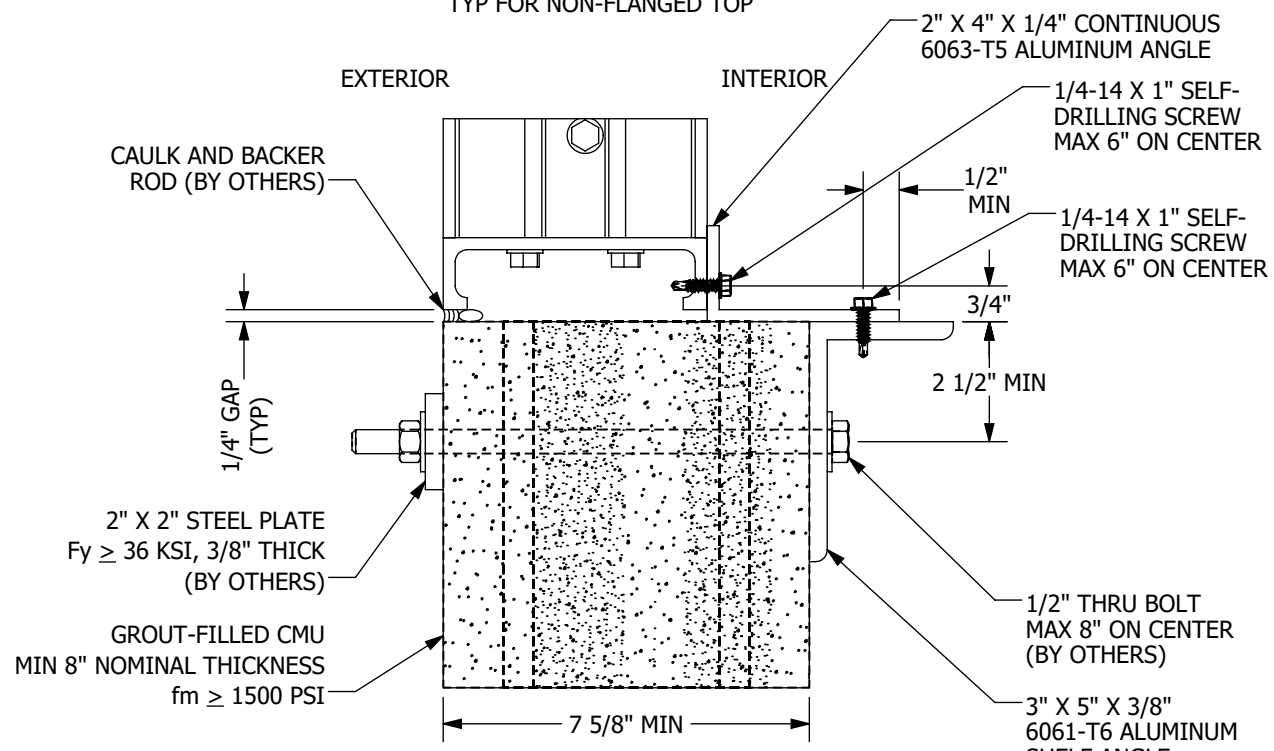
NON-FLANGED TOP/BOTTOM



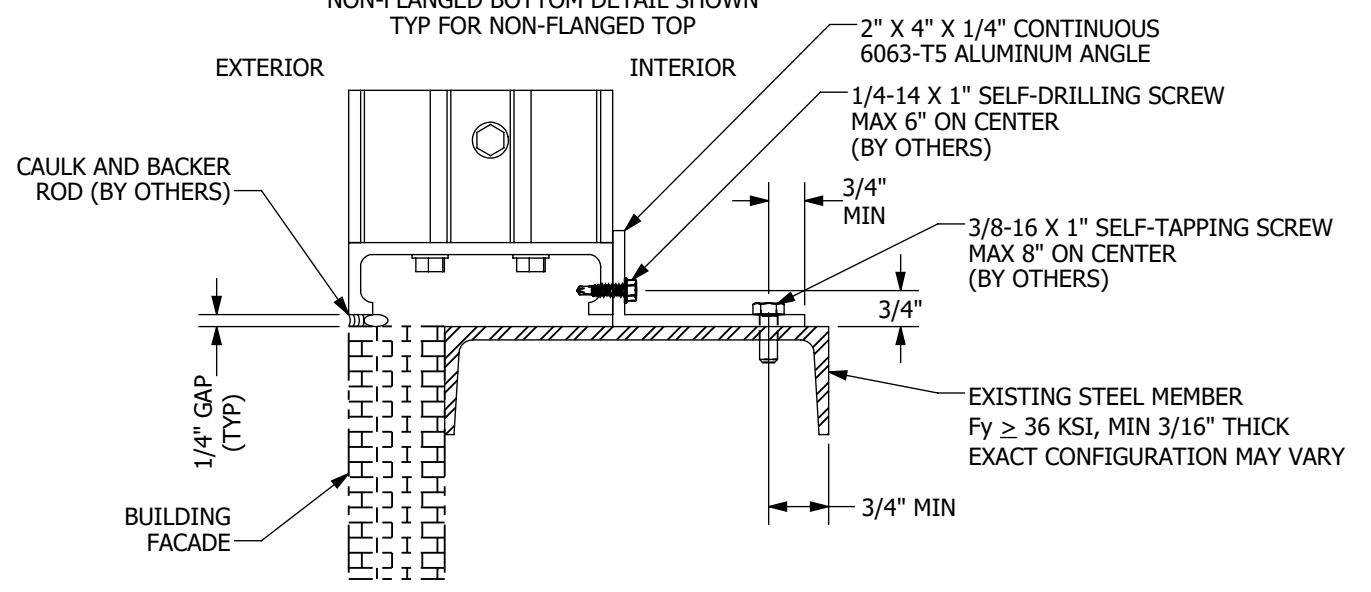
INSTALLATION DETAIL 1 CONCRETE - SHEAR
SCALE: 3"=1' D-3
TOP-BOTTOM MOUNT
NON-FLANGED BOTTOM DETAIL SHOWN
TYP FOR NON-FLANGED TOP



INSTALLATION DETAIL 2 CONCRETE - TENSION
SCALE: 3"=1' D-3
TOP-BOTTOM MOUNT
NON-FLANGED BOTTOM DETAIL SHOWN
TYP FOR NON-FLANGED TOP



INSTALLATION DETAIL 3 GROUT-FILLED CMU
SCALE: 3"=1' D-3
TOP-BOTTOM MOUNT
NON-FLANGED BOTTOM DETAIL SHOWN
TYP FOR NON-FLANGED TOP



INSTALLATION DETAIL 4 STEEL
SCALE: 3"=1' D-3
TOP-BOTTOM MOUNT
NON-FLANGED BOTTOM DETAIL SHOWN
TYP FOR NON-FLANGED TOP

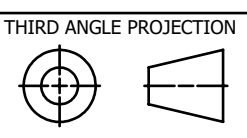
- NOTES:
1. SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
2. MAX ANCHOR DISTANCE FROM ENDS OF ANGLE = 1/2 x SPACING BETWEEN ANCHORS

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
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ANGLE ±1°
FRACTION ±1/16

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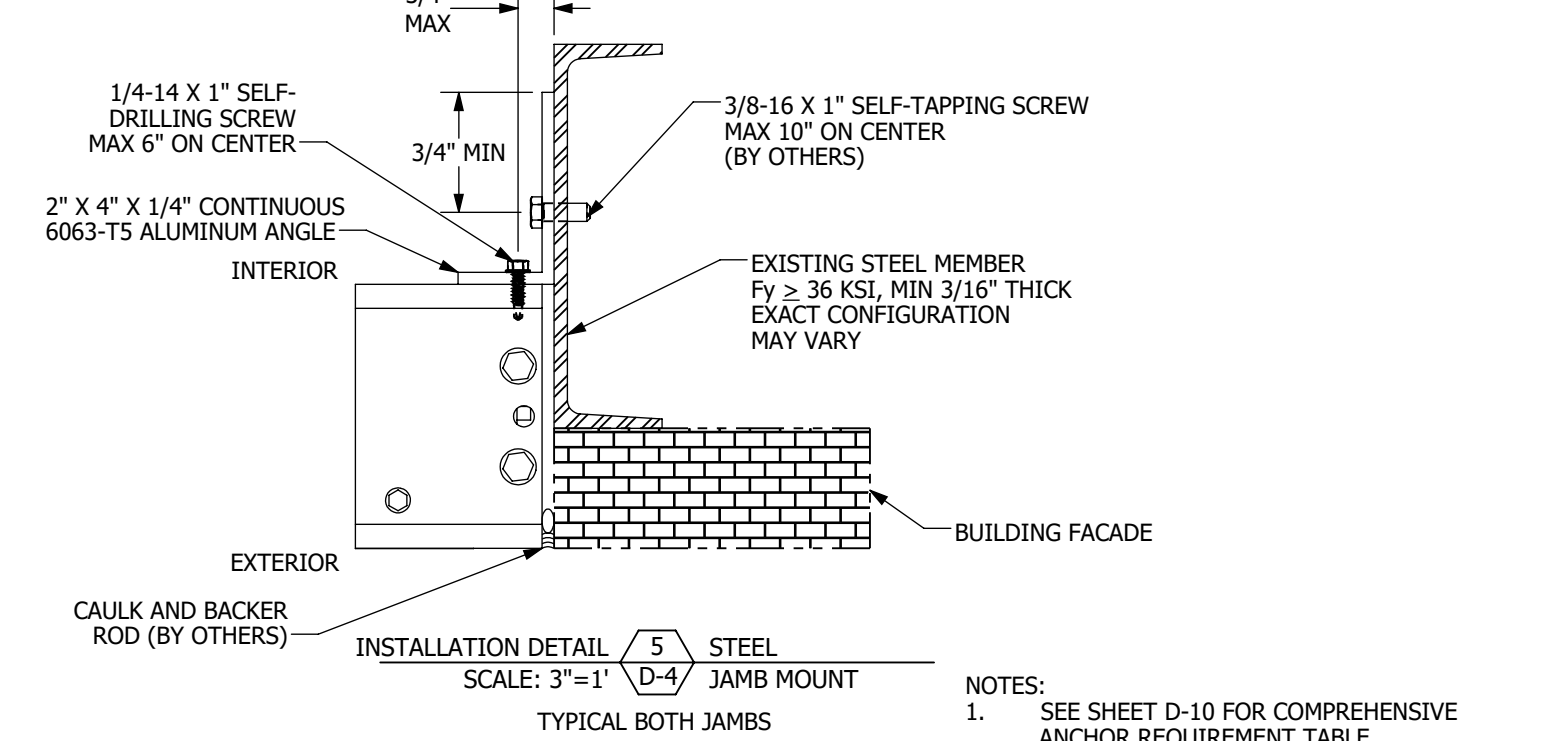
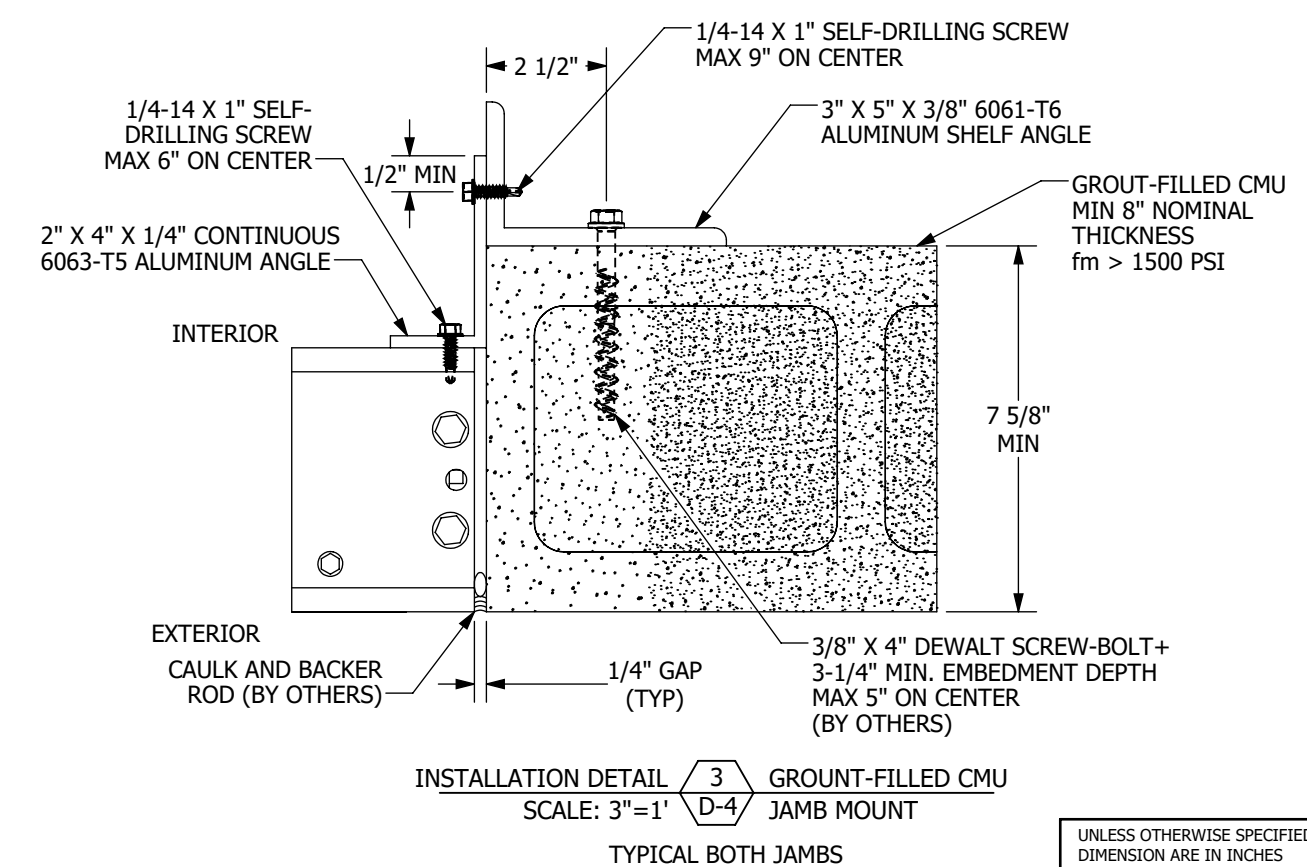
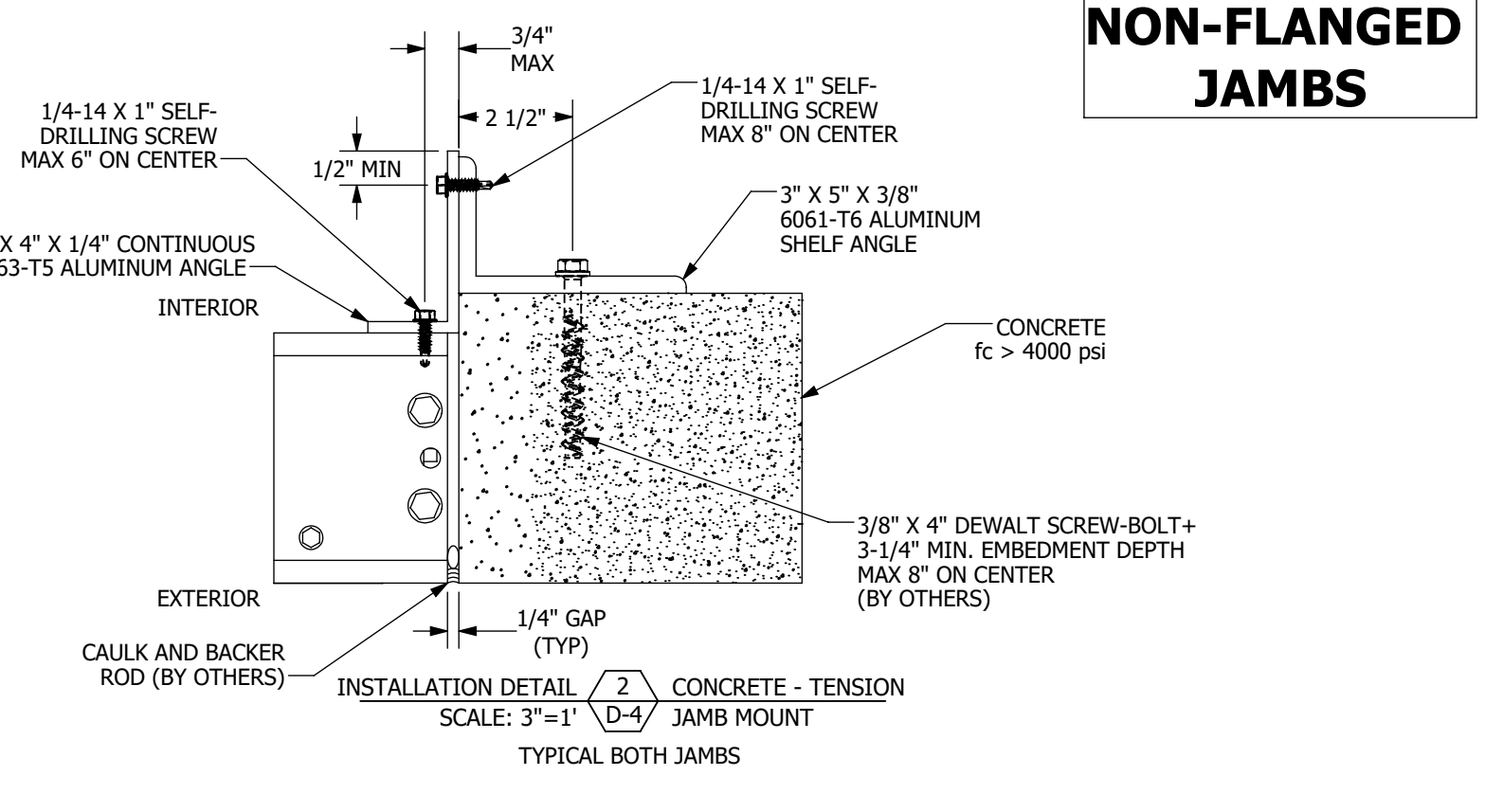
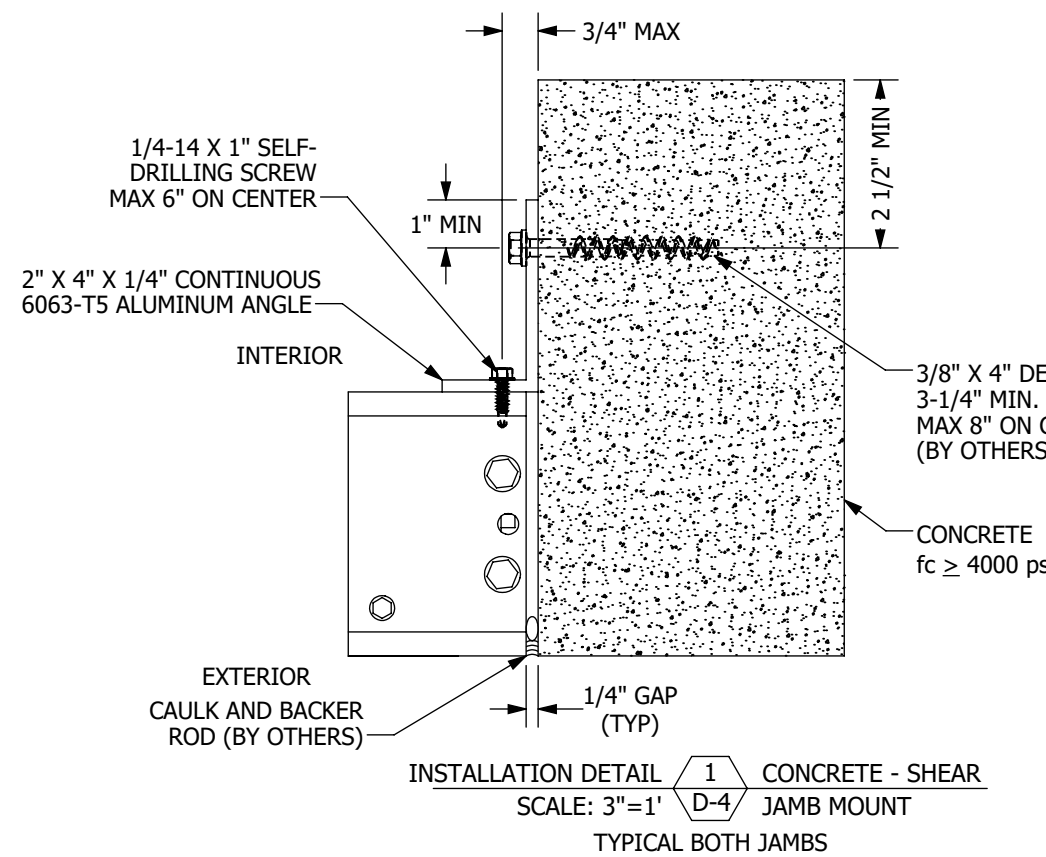
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DRAWING DESCR: INSTALLATION DETAILS, TOP/BOTTOM				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 7 of 16	SCALE: NONE			70219-2 D-3

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

NON-FLANGED JAMBS



- NOTES:
- SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
 - MAX ANCHOR DISTANCE FROM ENDS OF ANGLE = 1/2 x SPACING BETWEEN ANCHORS

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:

X.X	±0.060
X.XX	±0.030
X.XXX	±0.010
ANGLE	±1°
FRACTION	±1/16

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5101 Blue Mound Road
Fort Worth, Texas 76106
Phone: 817-509-2300
Fax: 817-831-3110

THIRD ANGLE PROJECTION

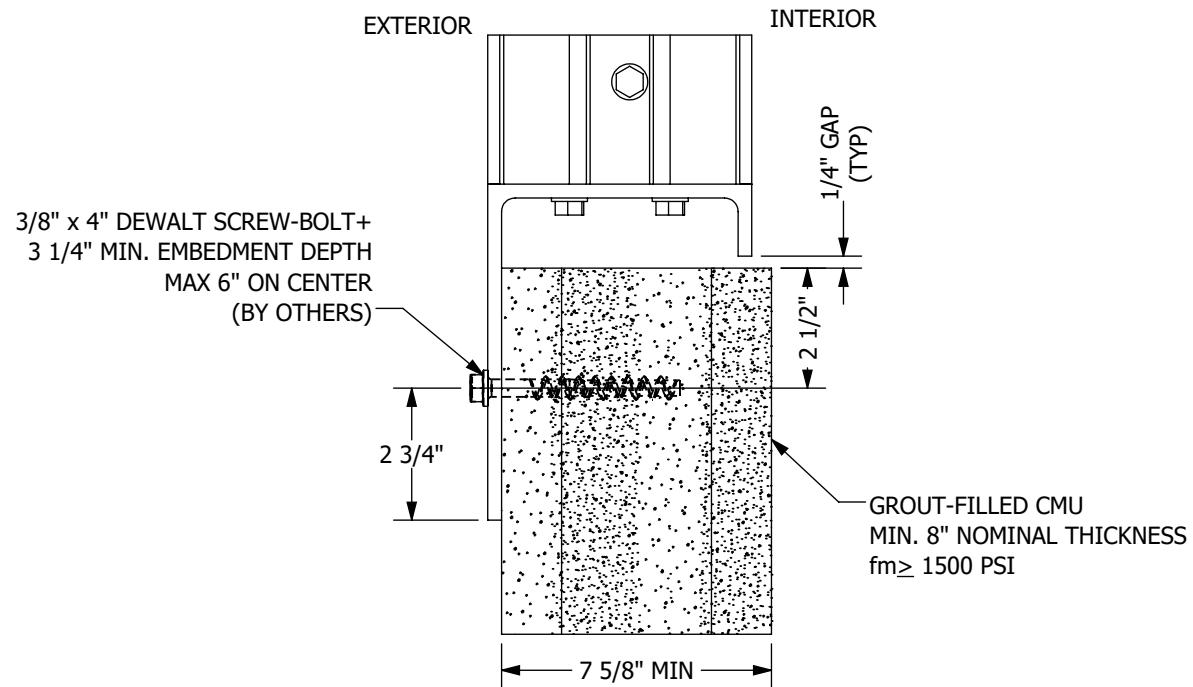
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DRAWING DESCR: INSTALLATION DETAILS, JAMBS				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 8 of 16	SCALE: AS NOTED			70219-2 D-4

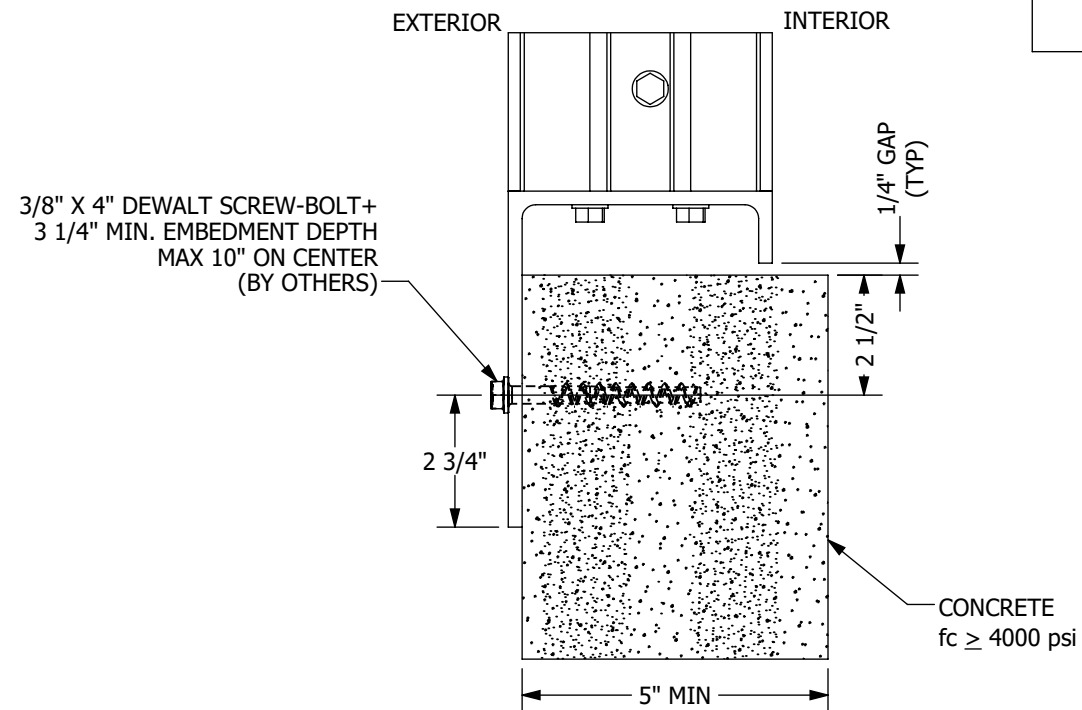
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

FLANGED TOP/BOTTOM INTERNAL MOUNT



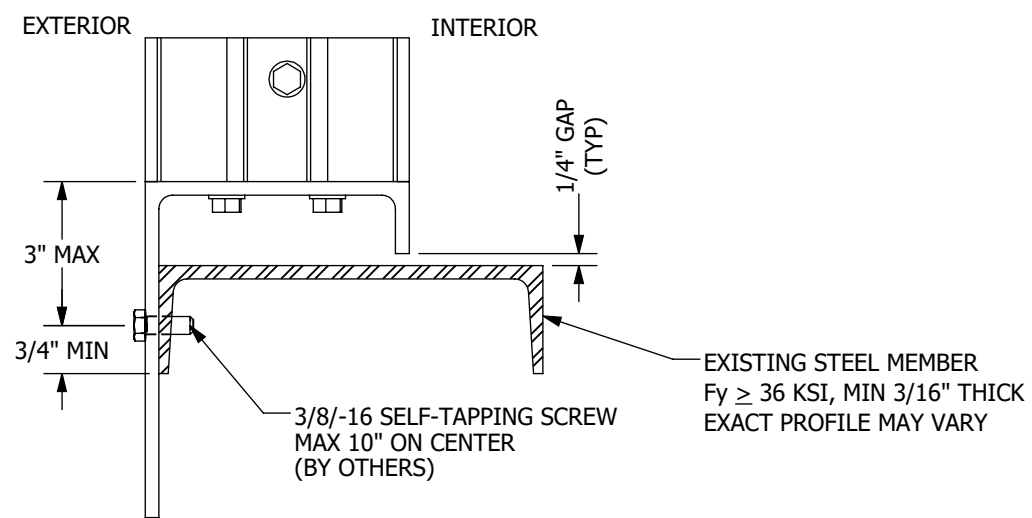
INSTALLATION DETAIL 1 D-5 GROUT FILLED CMU
SCALE: 3"=1' INTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP



INSTALLATION DETAIL 1 D-5 CONCRETE
SCALE: 3"=1' INTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP



INSTALLATION DETAIL 1 D-5 STRUCTURAL STEEL
SCALE: 3"=1' INTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP

NOTES:

1. SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
2. MAX ANCHOR DISTANCE FROM ENDS OF FLANGE = 1/2 x SPACING BETWEEN ANCHORS

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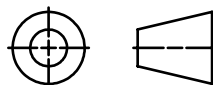
UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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THIRD ANGLE PROJECTION



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CONSENT OF PCI INDUSTRIES.

DRAWING DESCR: INSTALLATION DETAILS, TOP/BOTTOM FLANGED

PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS

LOCATION:

CUSTOMER:

PROJ. MGR.: NATHAN WOODWORTH

DRAWN BY: DJA

DATE: 4/2/2026

CHK'D BY: NWW

ORDER NUMBER

P.O. NUMBER

DRAWING NUMBER

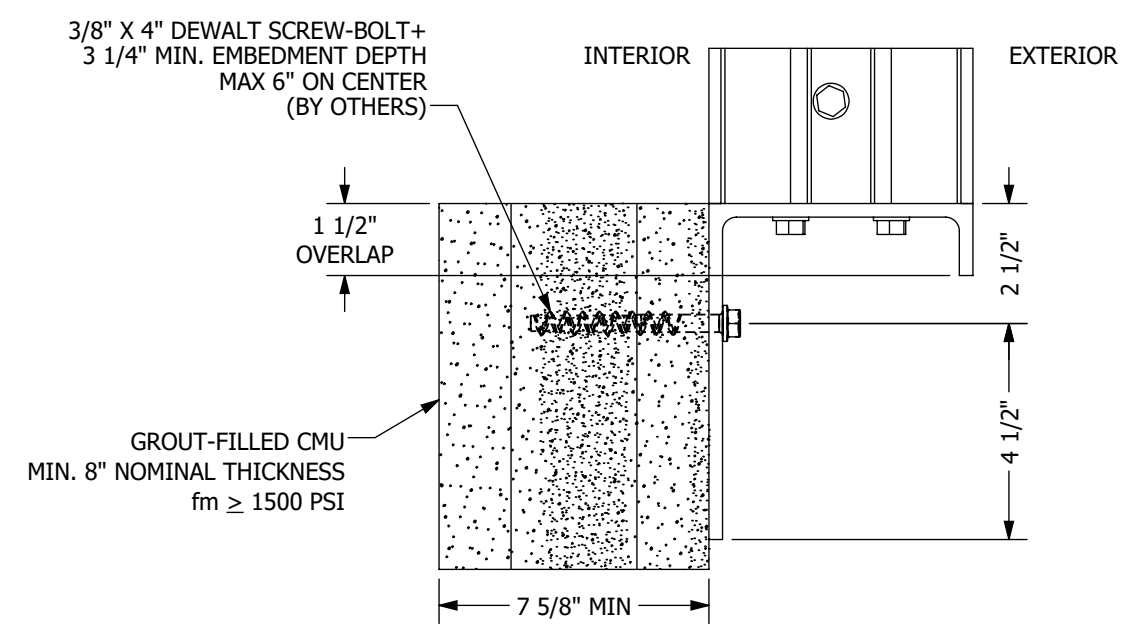
SHEET: 9 of 16

SCALE: AS NOTED

70219-2 D-5

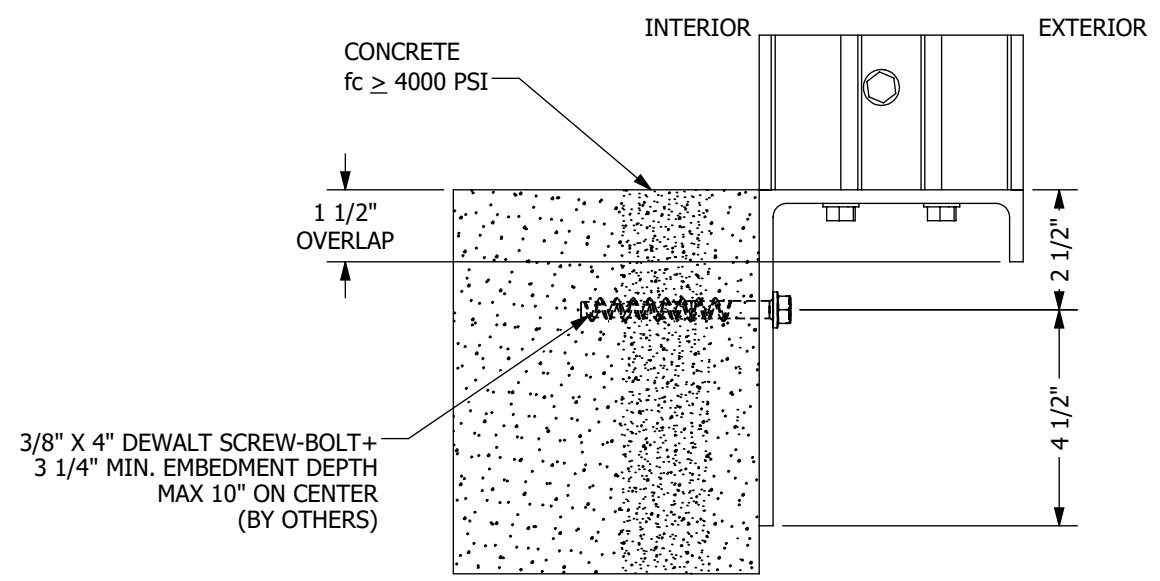
REV.	DESCRIPTION	DATE	DRAWN BY
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM

FLANGED TOP/BOTTOM EXTERNAL MOUNT



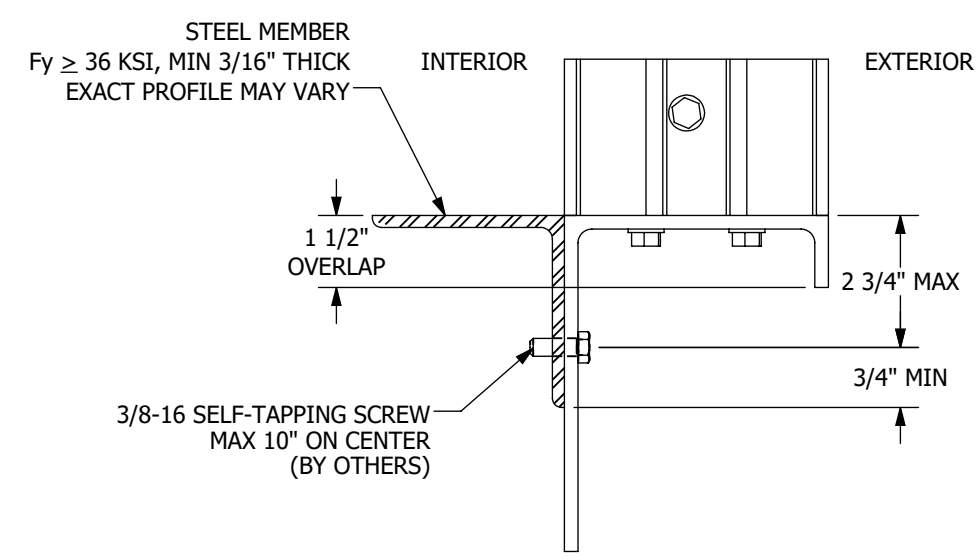
INSTALLATION DETAIL 1 GROUT FILLED CMU
SCALE: 3"=1' D-6 EXTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP



INSTALLATION DETAIL 1 CONCRETE
SCALE: 3"=1' D-6 EXTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP



INSTALLATION DETAIL 1 STRUCTURAL STEEL
SCALE: 3"=1' D-6 EXTERNAL MOUNT

FLANGED BOTTOM DETAIL SHOWN
TYPICAL FOR FLANGED TOP

- NOTES:
- SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
 - MAX ANCHOR DISTANCE FROM ENDS OF FLANGE = 1/2 x SPACING BETWEEN ANCHORS

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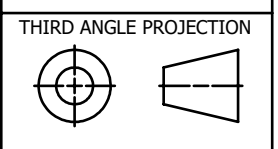
UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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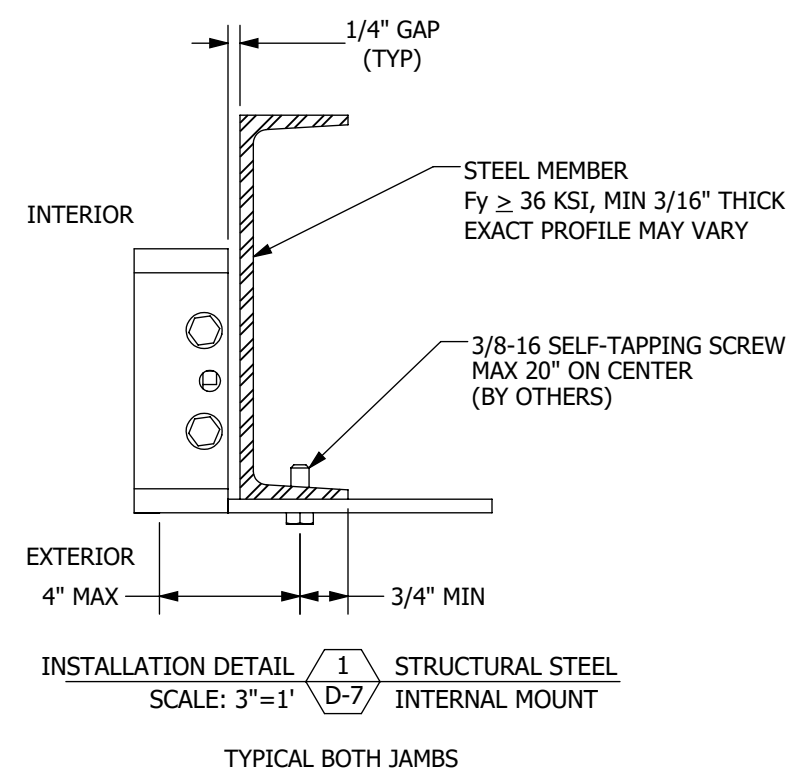
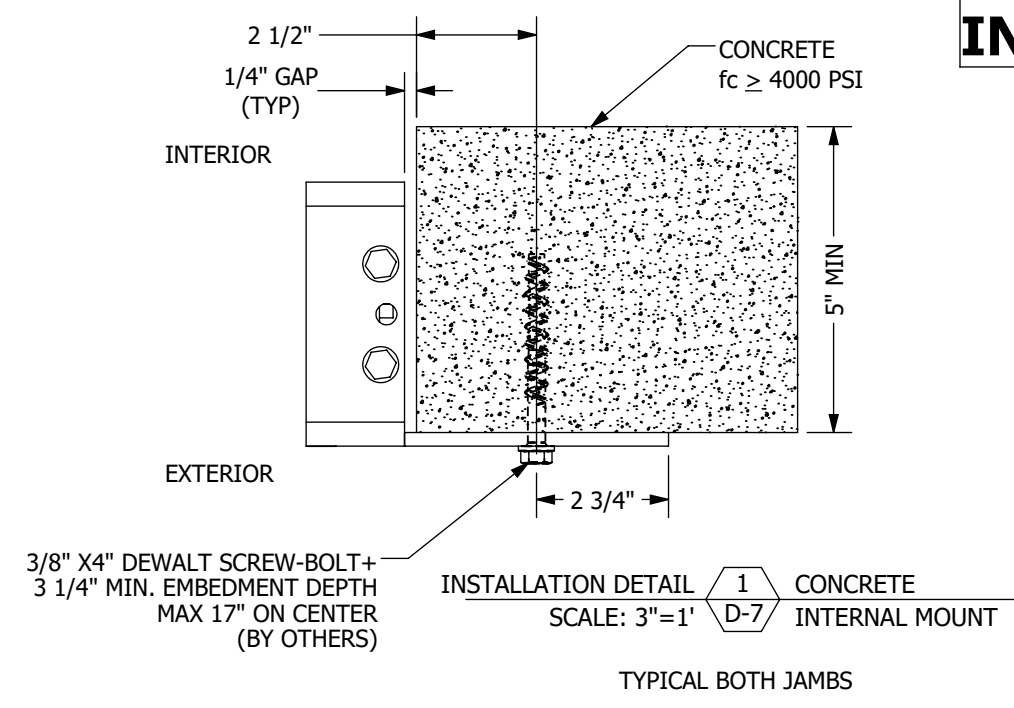
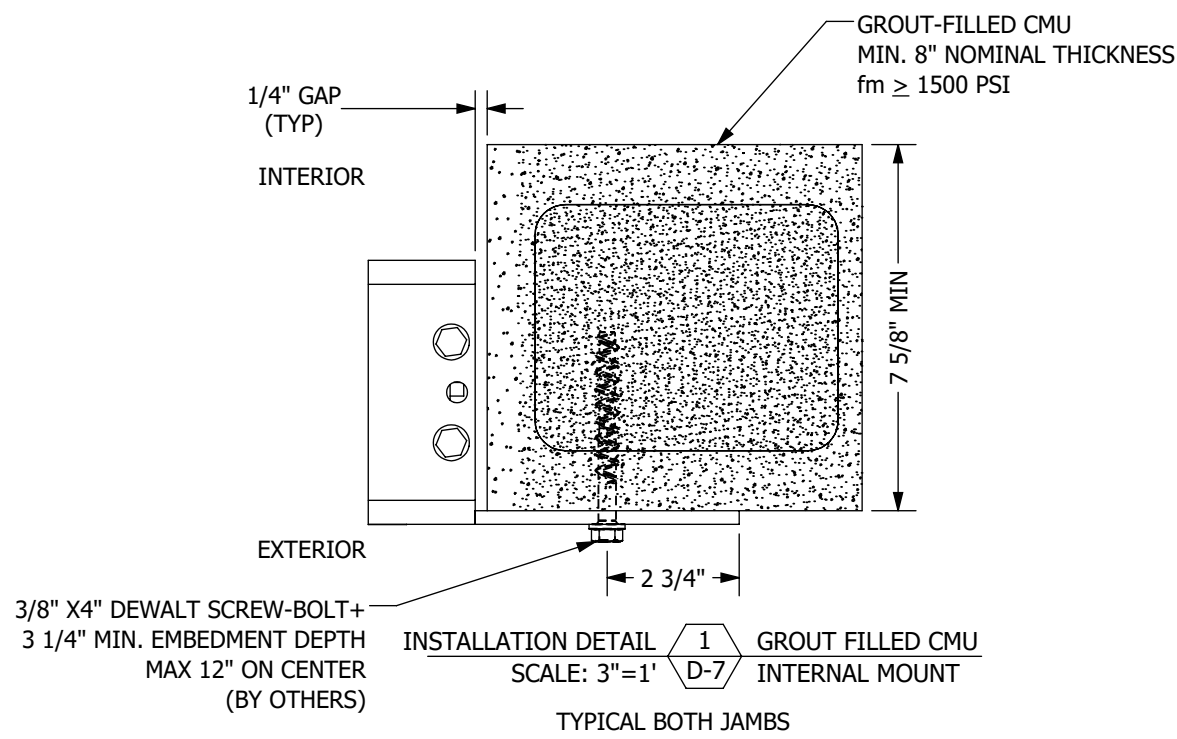


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DRAWING DESCR: INSTALLATION DETAILS, TOP/BOTTOM FLANGED				
PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 10 of 16	SCALE: AS NOTED			70219-2 D-6

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

FLANGED JAMBS INTERNAL MOUNT



- NOTES:
- SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
 - MAX ANCHOR DISTANCE FROM ENDS OF FLANGE = 1/2 x SPACING BETWEEN ANCHORS

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UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:

X.X	±0.060
X.XX	±0.030
X.XXX	±0.010
ANGLE	±1°
FRACTION	±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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THIRD ANGLE PROJECTION

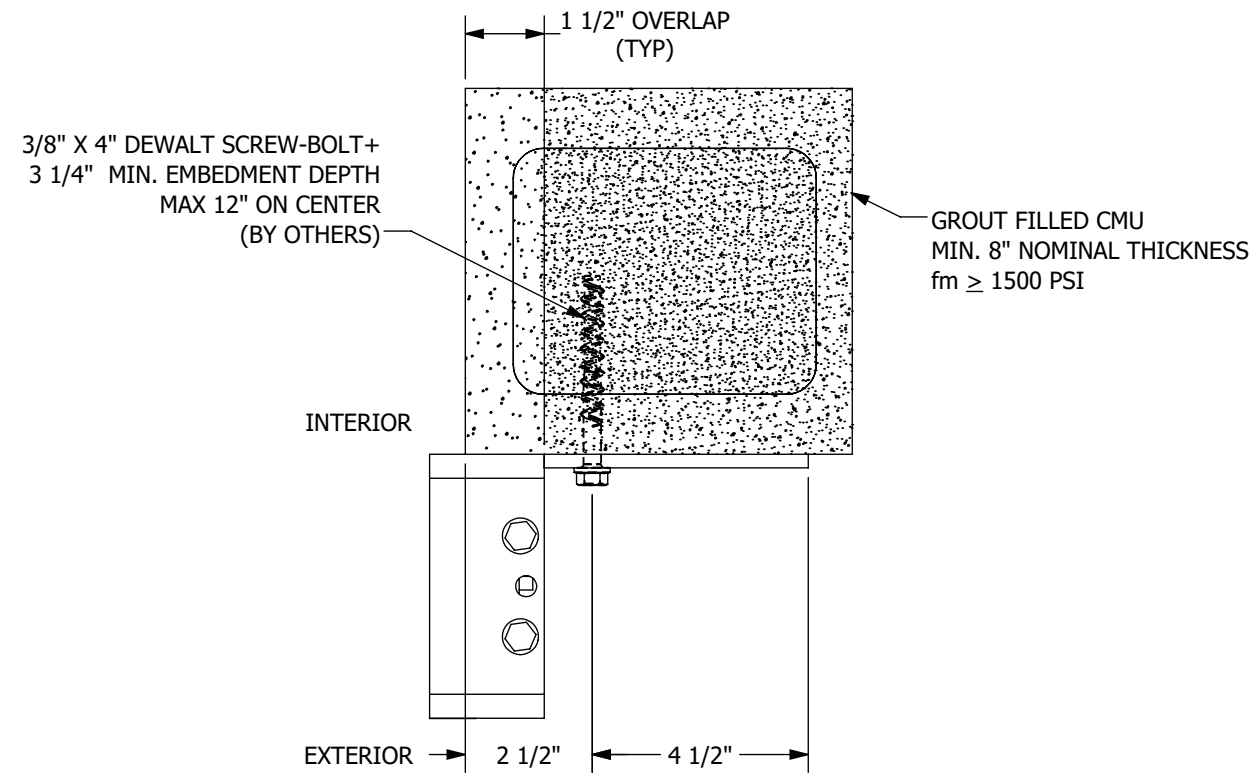
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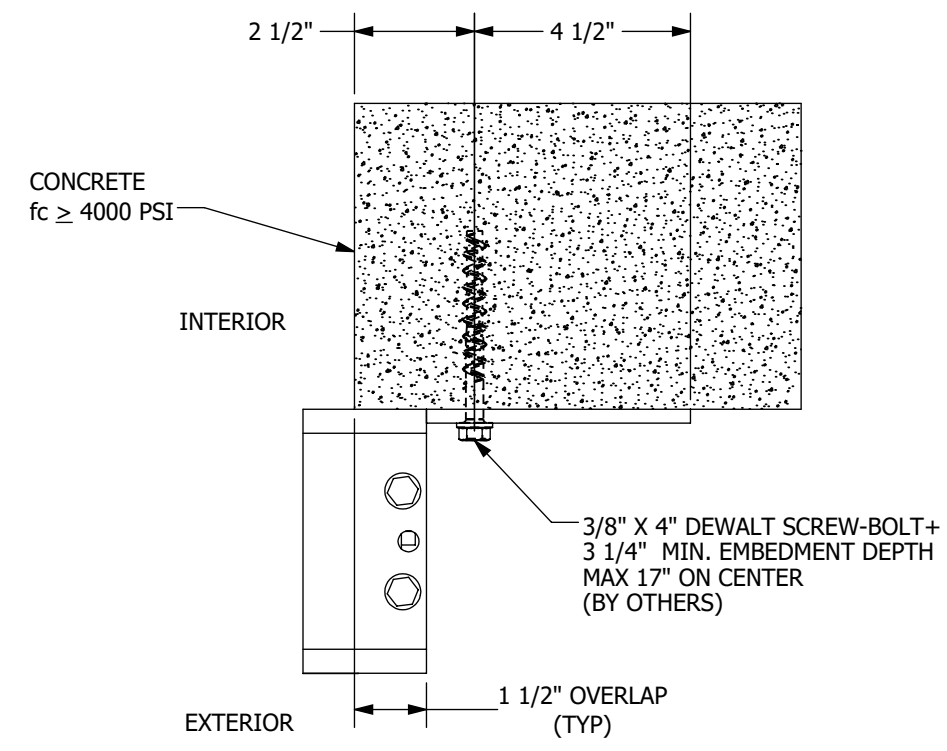
DRAWING DESCR: INSTALLATION DETAILS, JAMBS FLANGED				
PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 11 of 16	SCALE: AS NOTED			70219-2 D-7

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

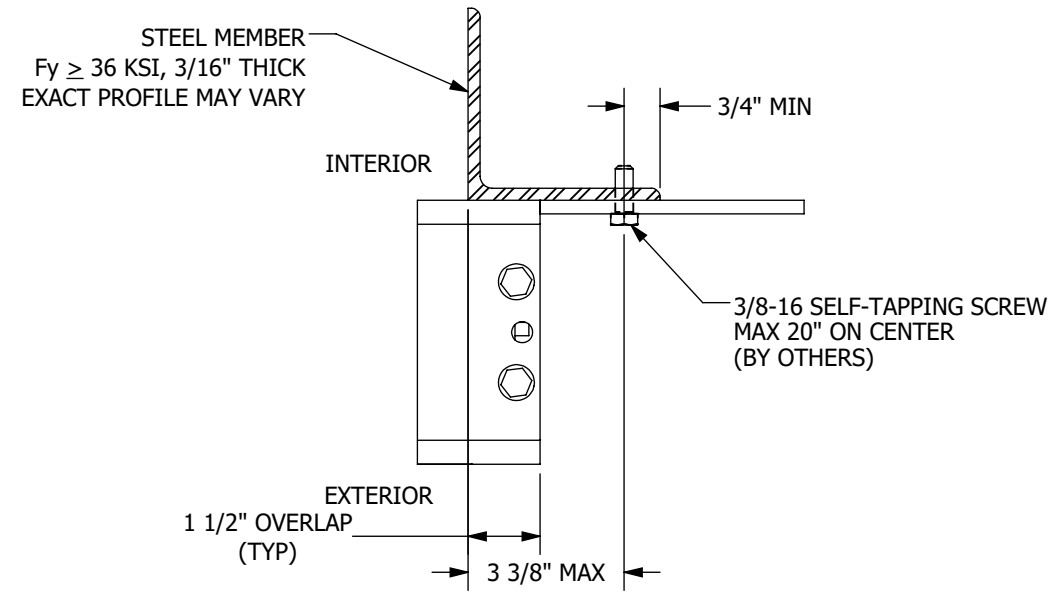
FLANGED JAMBS EXTERNAL MOUNT



INSTALLATION DETAIL 1 GROUT-FILLED CMU
SCALE: 3"=1' D-8 EXTERNAL MOUNT
TYPICAL BOTH JAMBS



INSTALLATION DETAIL 1 CONCRETE
SCALE: 3"=1' D-8 EXTERNAL MOUNT
TYPICAL BOTH JAMBS



INSTALLATION DETAIL 1 STRUCTURAL STEEL
SCALE: 3"=1' D-8 EXTERNAL MOUNT
TYPICAL BOTH JAMBS

- NOTES:
- SEE SHEET D-10 FOR COMPREHENSIVE ANCHOR REQUIREMENT TABLE
 - MAX ANCHOR DISTANCE FROM ENDS OF FLANGE = 1/2 x SPACING BETWEEN ANCHORS

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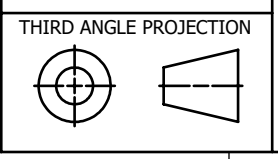
UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:

X.X	±0.060
X.XX	±0.030
X.XXX	±0.010
ANGLE	±1°
FRACTION	±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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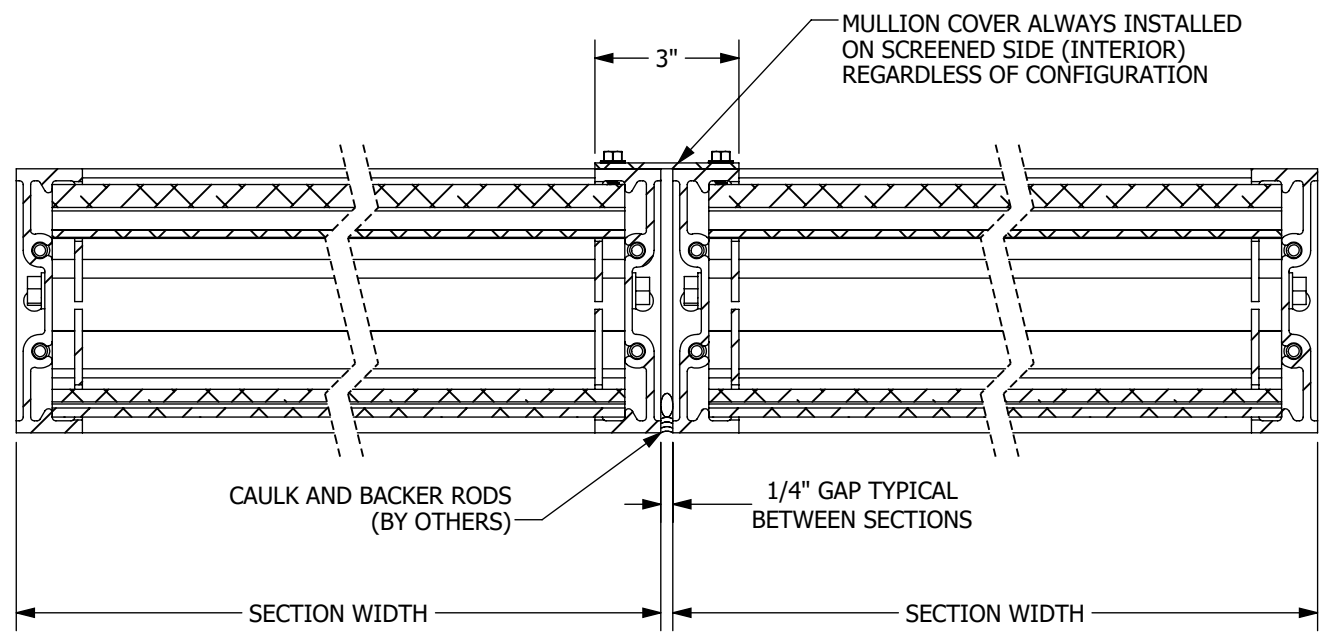
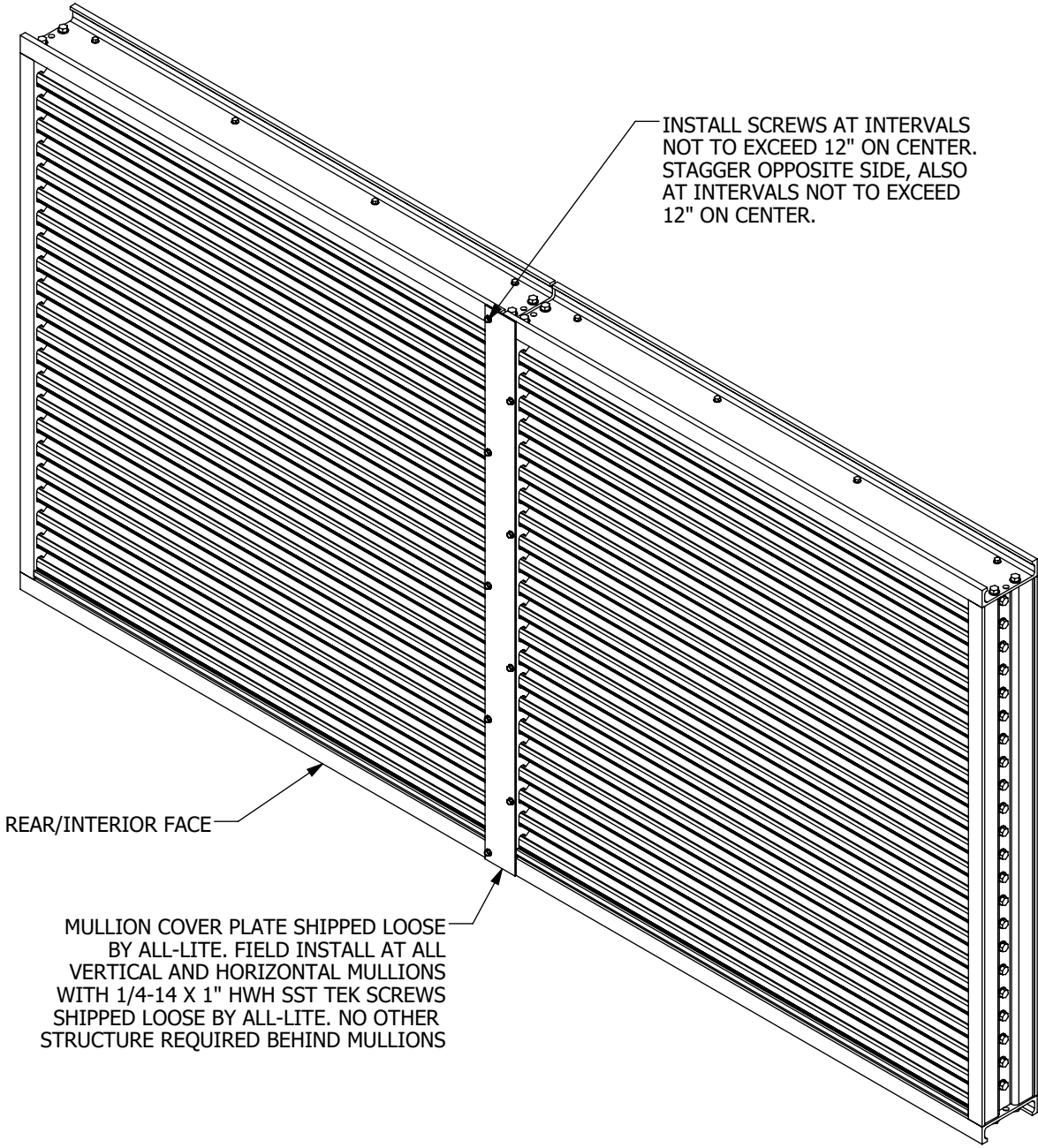
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CONSENT OF PCI INDUSTRIES.

DRAWING DESCR: INSTALLATION DETAILS, JAMBS FLANGED				
PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 12 of 16	SCALE: AS NOTED			70219-2 D-8

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

MULLION COVER INSTALLATION



SECTION VIEW **C** MULLION INSTALLATION
SCALE: 3"=1' **D-9** E-2

HORIZONTAL SECTION SHOWN
VERTICAL SECTION SIMILAR

REAR/INTERIOR FACE

MULLION COVER PLATE SHIPPED LOOSE BY ALL-LITE. FIELD INSTALL AT ALL VERTICAL AND HORIZONTAL MULLIONS WITH 1/4-14 X 1" HWH SST TEK SCREWS SHIPPED LOOSE BY ALL-LITE. NO OTHER STRUCTURE REQUIRED BEHIND MULLIONS

MULTI-SECTION ASSEMBLY

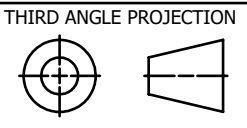
NON-FLANGED SHOWN
ALL OTHER CONFIGURATIONS SIMILAR

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES

TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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Phone: 817-509-2300
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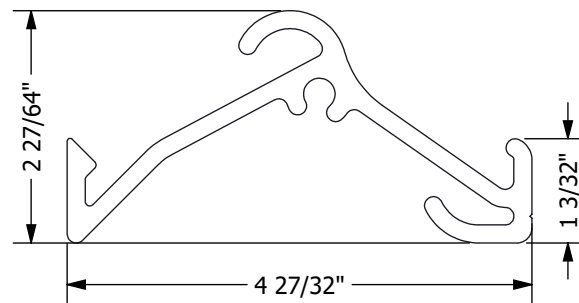
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DRAWING DESCR: MULLION INSTALLATION				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 13 of 16	SCALE: NONE			70219-2 D-9

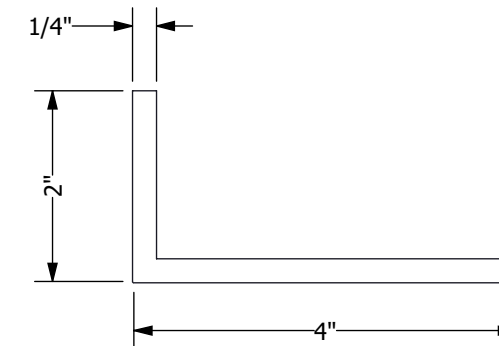
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

EXTRUDED PART DETAILS

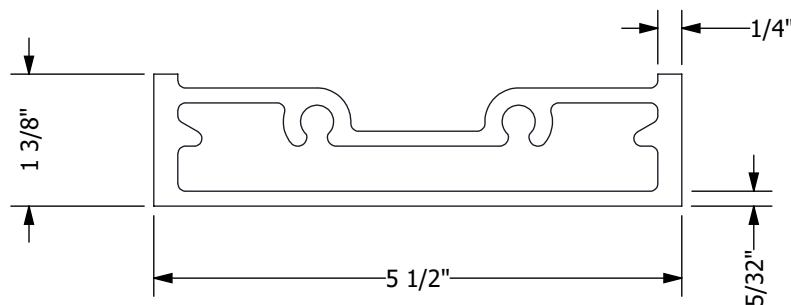
DESCRIPTION: CHEVRON STYLE BLADE
 MATERIAL: 6005A-T61 ALUMINUM
 ALL-LITE PART NO: 61236
 SCALE: 6" = 1'-0"



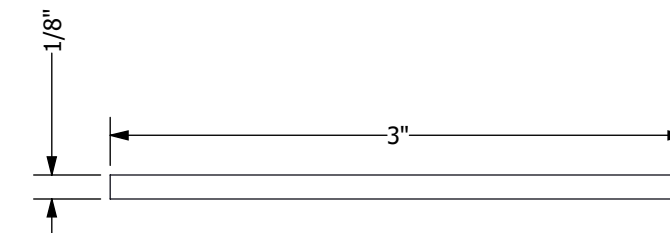
DESCRIPTION: 2" X 4" X 1/4" ANGLE
 MATERIAL: 6063-T5 ALUMINUM
 ALL-LITE PART NO: 12937
 SCALE: 6" = 1'-0"



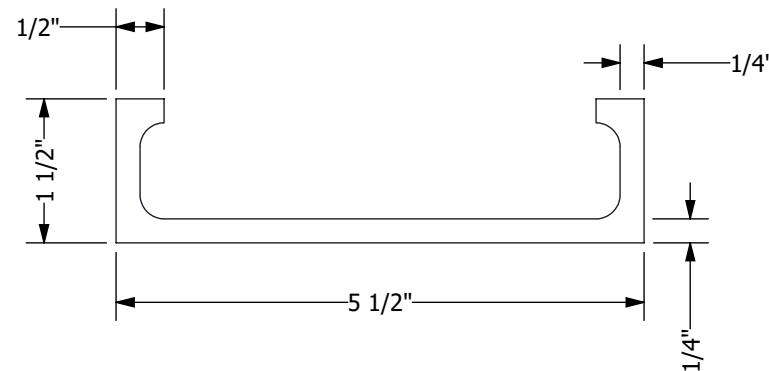
DESCRIPTION: NON-FLANGED JAMB FRAME EXTRUSION
 MATERIAL: 6005A-T61 ALUMINUM
 ALL-LITE PART NO: 61237
 SCALE: 6" = 1'-0"



DESCRIPTION: 3" X 1/8" BAR
 MATERIAL: 6063-T5 ALUMINUM
 ALL-LITE PART NO: 50617
 SCALE: 1' = 1'-0"



DESCRIPTION: NON-FLANGED HEAD/SILL FRAME EXTRUSION
 MATERIAL: 6005A-T61 ALUMINUM
 ALL-LITE PART NO: 59976
 SCALE: 6" = 1'-0"



UNLESS OTHERWISE SPECIFIED
 DIMENSION ARE IN INCHES

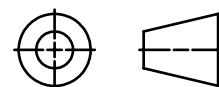
TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
 15% OF MATERIAL THICKNESS

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ALL-LITE

THIRD ANGLE PROJECTION



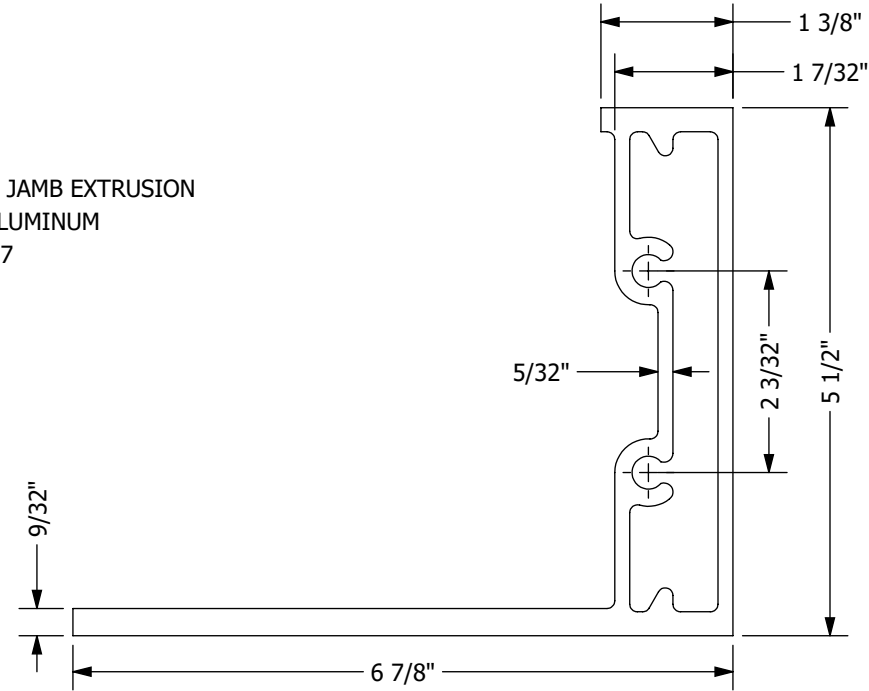
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DRAWING DESCR: PART DETAILS				
PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 15 of 16	SCALE: AS NOTED			70219-2 D-11

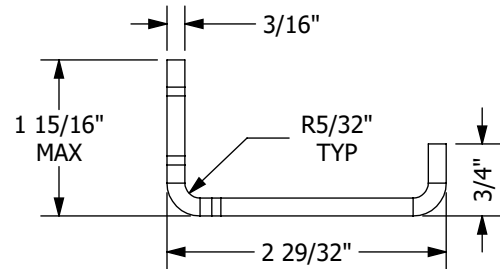
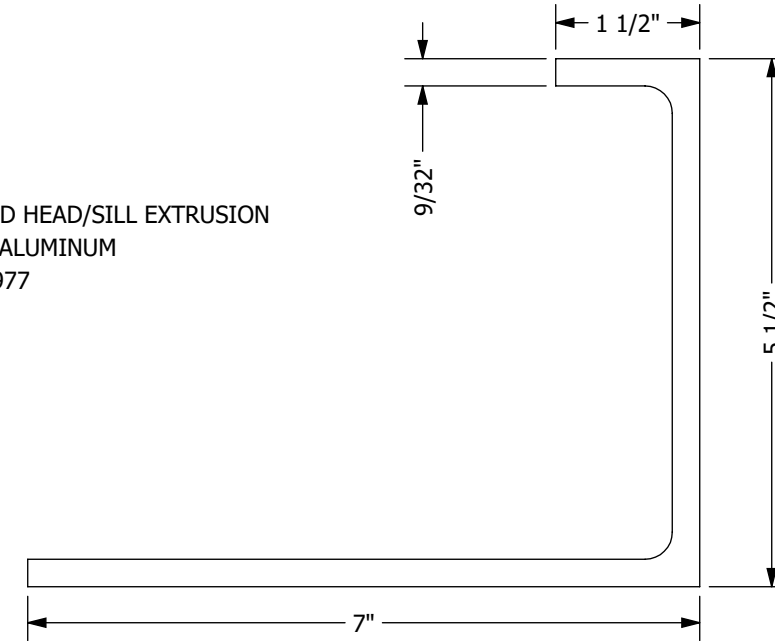
A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY

EXTRUDED AND FORMED PART DETAILS

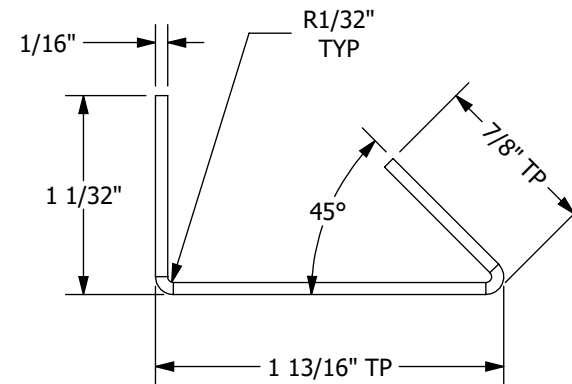
DESCRIPTION: FLANGED JAMB EXTRUSION
 MATERIAL: 6005A-T61 ALUMINUM
 ALL-LITE PART NO: 70907
 SCALE: 6" = 1'-0"



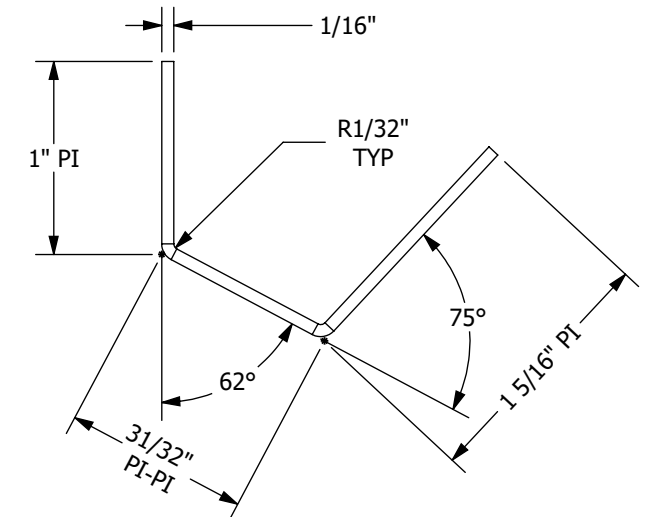
DESCRIPTION: FLANGED HEAD/SILL EXTRUSION
 MATERIAL: 6005A-T61 ALUMINUM
 ALL-LITE PART NO: 59977
 SCALE: 6" = 1'-0"



DESCRIPTION: BOTTOM STOP
 MATERIAL: 5052-H32 ALUMINUM
 ALL-LITE PART NO: 63129
 SCALE: 6" = 1'-0"



DESCRIPTION: RAIN DEFLECTOR
 MATERIAL: 5052-H32 ALUMINUM
 ALL-LITE PART NO: 63128
 SCALE: 1'-0" = 1'-0"



DESCRIPTION: RAIN DRIP
 MATERIAL: 5052-H32 ALUMINUM
 ALL-LITE PART NO: 63167
 SCALE: 1'-0" = 1'-0"

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UNLESS OTHERWISE SPECIFIED
 DIMENSION ARE IN INCHES

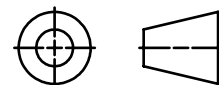
TOLERANCE UNLESS NOTED:
 X.X ±0.060
 X.XX ±0.030
 X.XXX ±0.010
 ANGLE ±1°
 FRACTION ±1/16

MAX HOLE BREAKOUT:
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THIRD ANGLE PROJECTION



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DRAWING DESCR: PART DETAILS				
PROJECT: PROJECT: XCD-545 FEMA 361/320 GRILLE ASSEMBLY & INSTALLATION DETAILS				
LOCATION:				
CUSTOMER:				
PROJ. MGR.: NATHAN WOODWORTH		DRAWN BY: DJA		
DATE: 4/2/2026	CHK'D BY: NWW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 16 of 16	SCALE: AS NOTED			70219-2 D-12

A	INITIAL RELEASE (ECN 26-0051)	4/16/2026	MSM
REV.	DESCRIPTION	DATE	DRAWN BY