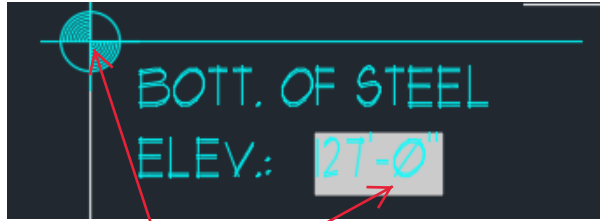


## Shop Drawings

The purpose of these instructions is to help the Engineers understand how certain features are correctly used in shop drawings and why it is important to Walteks workflow process.

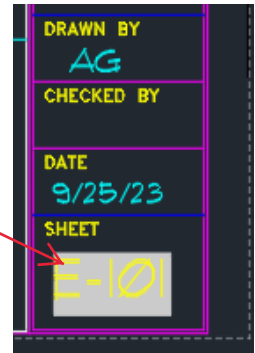


Linked to Datum Block Y Coordinate, Elevation Must be drawn with 0'-0" Elevation at Autocad 0,0



Linked to Viewports "Custom Scale" Property

Linked to Tab Name on All shop Drawings



### IMPORTANT! "FIELDEVAL" System variable should = 31

This will tell all fields to update on Regen/Plot/ or Save. It is recommended that you setup the System Variable monitor (SYSVARMONITOR) to include this setting. If you notice fields are not updating after Regen or Save then this setting is the most likely cause.

AREA LEFT BLANK INTENTIONALLY FOR FUTURE NOTES

## **Fab Drawings**

**The purpose of these instructions is to help the Engineers understand how certain features are correctly used in fab drawings and why it is important to Walteks workflow process.**

In the following pages you will find CAD screen views of some standard fabs with Comments on important features that are used. If you are unfamiliar with fields please reference the below link for instructions on their use and capabilities.

### **IMPORTANT! "FIELDEVAL" System variable should = 31**

This will tell all fields to update on Regen/Plot/ or Save. It is recommended that you setup the System Variable monitor (SYSVARMONITOR) to include this setting. If you notice fields are not updating after Regen or Save then this setting is the most likely cause.

AREA LEFT BLANK INTENTIONALLY FOR FUTURE NOTES

Corresponds to matching dimensions in full size view in model space

Select Special Cutting using this dropdown Square, Single Miter, Double Miter, Notching. If both mitering and Notching are present the select the correct mitering option.

Material Info Contains Flat Size value and is displayed in the above text object. Value will match on brake metal. Values don't match in pictures because Vertical Fab doesn't have a flat size

Use Grip to change number of rows in the fab distribution table.

Fab distribution Die Number is non printable and is only displayed to ensure valid link to Material-info. value of ##### indicates broken link

Select Layout using dropdown, Distribute or Assemble and Option to Show Final length column

Pulled From File Name

Full size view in model space is a block called Fab Dynamic Vertical. This is linked to the property called "VERTICAL\_LENGTH"

DETAIL REF.	ELEV. REF.	QTY	MK	O.L.	ASSEMBLE ON:
67C	D-105	ELEV-102	1	XVM-107	41" 1 / F-103

**PROJECT:**  
UK-P88 EXPANSION

**PART NAME:**  
VERTICAL MULLION

**FAB RELEASE NUMBER:**  
VM-107

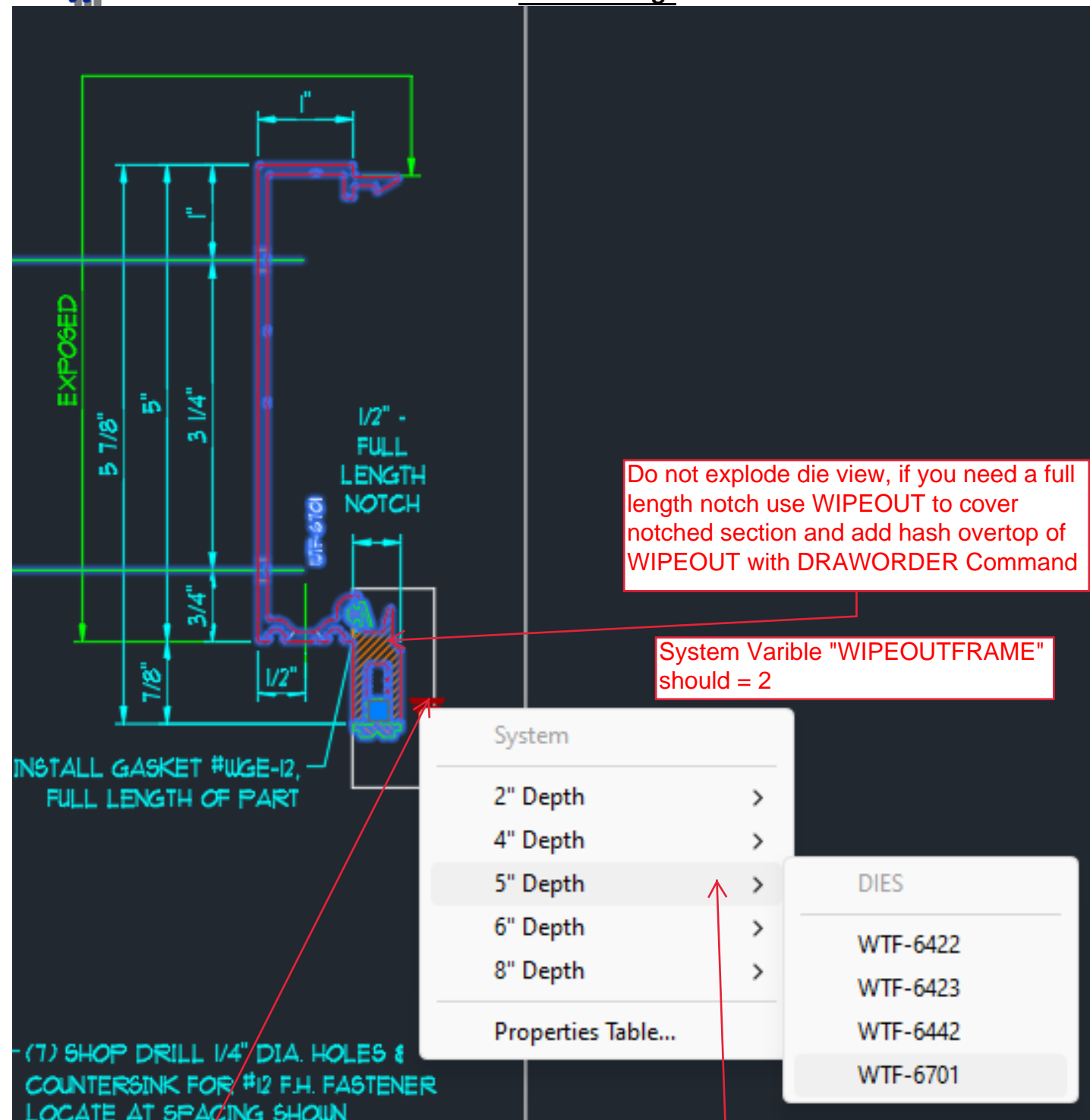
**DRAWN BY:** AG

**CHECKED BY:**

**DATE:** 12/12/23

**SHEET NUMBER:**

LINKED TO DWG NAME



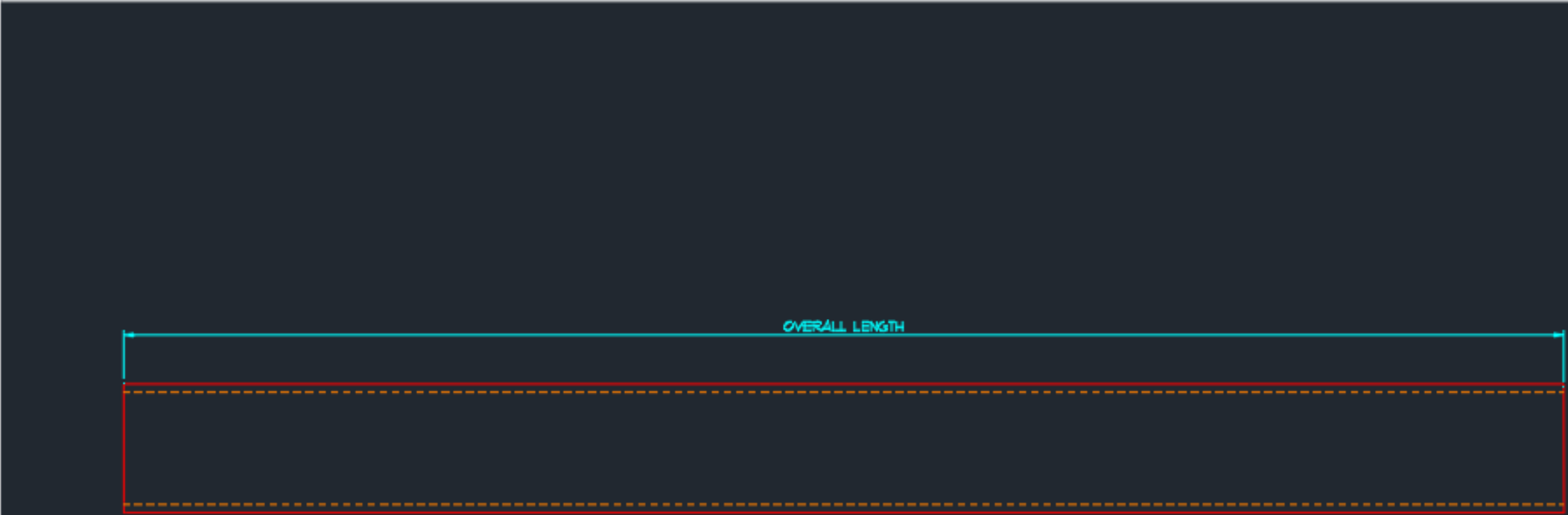
Do not explode die view, if you need a full length notch use WIPEOUT to cover notched section and add hash overtop of WIPEOUT with DRAWORDER Command

System Variable "WIPEOUTFRAME" should = 2

AREA LEFT BLANK INTENTIONALLY FOR FUTURE NOTES

Die selector Dropdown, If die option is not available or you need to add a new die see link to Adding Dies Process

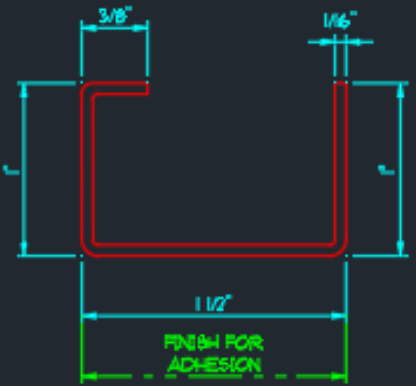
Unitized Dies should not be added to this block, manually place Die and fill Material-Info Block. Unitized systems have the CAD files sent to an outside vendor and we do not want to expose our Die shapes to them.



☐ DIE NO: ---

MATERIAL: 1/16" ALUMINUM SHEET

FINISH: FINISH FOR SILICONE ADHESION



90° BENDS  
UNLESS NOTED

Material Info Contains Flat Size value and is displayed in the above text object.

Pulled From File Name

FLAT SIZE = 3 19/32"  
(BEND ALLOWANCE FIGURED INTO  
BLANK SIZE - VERIFY AT PRESS)

DETAIL REF.	ELEV. REF.	QTY	MK	O.L.	DISTRIBUTION TO:
D-105	ELEV-102	4	BM-103A	96"	2 / ELEV-102, 2 / ELEV-104
D-125	ELEV-102	1	BM-103B	75 1/4"	1 / ELEV-102
D-107	ELEV-104	1	BM-103C	94 1/4"	1 / ELEV-104
D-118	ELEV-110	2	BM-103D	85 1/4"	2 / ELEV-110
D-125	ELEV-110	1	BM-103E	39 1/4"	1 / ELEV-110



DRAWN BY: AG

CHECKED BY:

DATE: 11/20/23

PROJECT:  
UK-PSS EXPANSION

PART NAME:  
BM - POCKET FILLER

FAB RELEASE NUMBER

REV.

DATE:

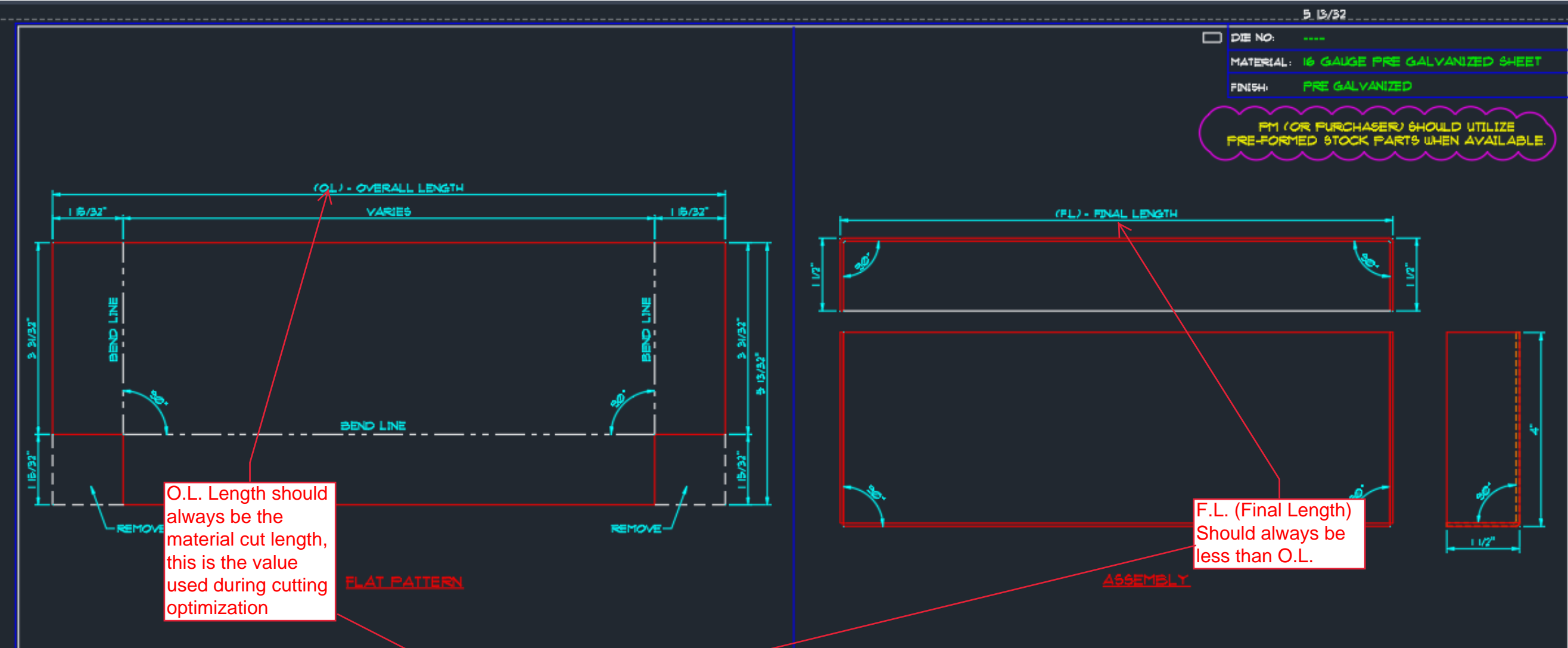
BY:

REV.

DATE:

BY:

SHEET NUMBER:  
BM-103



DETAIL REF.	ELEV. REF.	QTY	MK	O.L.	F.L.	ASSEMBLE ON:
FD-201	ELEV-101	1	XGA-101A	50"	47 3/16"	1 / F-1001
FD-201	ELEV-101	6	XGA-101B	51 1/8"	48 5/16"	2 / F-1002, 3 / F-1005, 1 / F-1008
FD-201	ELEV-101	8	XGA-101C	25 9/16"	22 3/4"	4 / F-1003, 4 / F-1004
FD-201	ELEV-101	1	XGA-101D	51 3/8"	48 9/16"	1 / F-1006
FD-201	ELEV-101	1	XGA-101E	26"	23 3/16"	1 / F-1007
FD-201	ELEV-101	2	XGA-101F	25 5/8"	22 13/16"	2 / F-1009
FD-201	ELEV-101	1	XGA-101G	27"	24 3/16"	1 / F-1010
FD-201	ELEV-101	1	XGA-101H	52 1/4"	49 7/16"	1 / F-1011
FD-201	ELEV-101	1	XGA-101J	48 3/8"	45 9/16"	1 / F-1012
FD-201	ELEV-101	1	XGA-101K	51 3/4"	48 15/16"	1 / F-1013
FD-201	ELEV-101	2	XGA-101L	25 3/8"	22 9/16"	2 / F-1014

FLAT SIZE = 5 13/32"

(BEND ALLOWANCE FIGURED INTO BLANK SIZE - VERIFY AT PRESS)

WALTEK

DRAWN BY: AG

CHECKED BY:

DATE: 2/19/24

PROJECT:

NORTON W. LOUISVILLE HOSPITAL

PART NAME:

GALVANIZED ANGLE

PART RELEASE NUMBER

REV. NO. 1

DATE

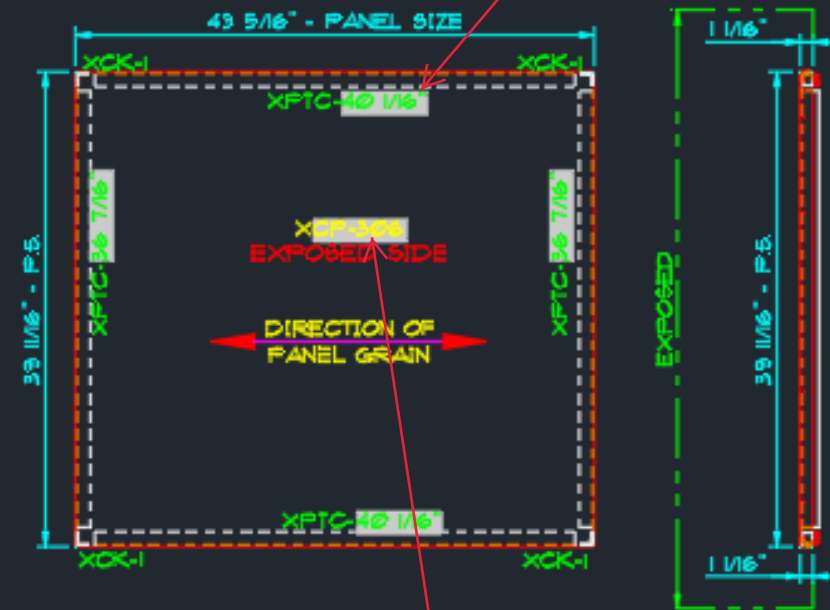
BY:

SHEET NUMBER:

GA-101

LINKED TO DWG NAME





Linked to DefPoints Dimension in model space so that values dont need to be changed if panel is stretched

BILL OF MATERIALS					
PROFILE	TAG	DESCRIPTION	LENGTH/ ANGULARITY	TOTAL ONE	TOTAL ALL
	XPC-001	COMPOSITE PANEL	--	1	
L	XCK-1	3/4" CORNER KEY	90°	4	
	XPTC-001	PERIMETER TRIM	10 1/16"	2	
	XPTC-002	PERIMETER TRIM	39 11/16"	2	
FINISH: (FC-1) REYNOLBOND COLORWELD 500 "PURE WHITE"					

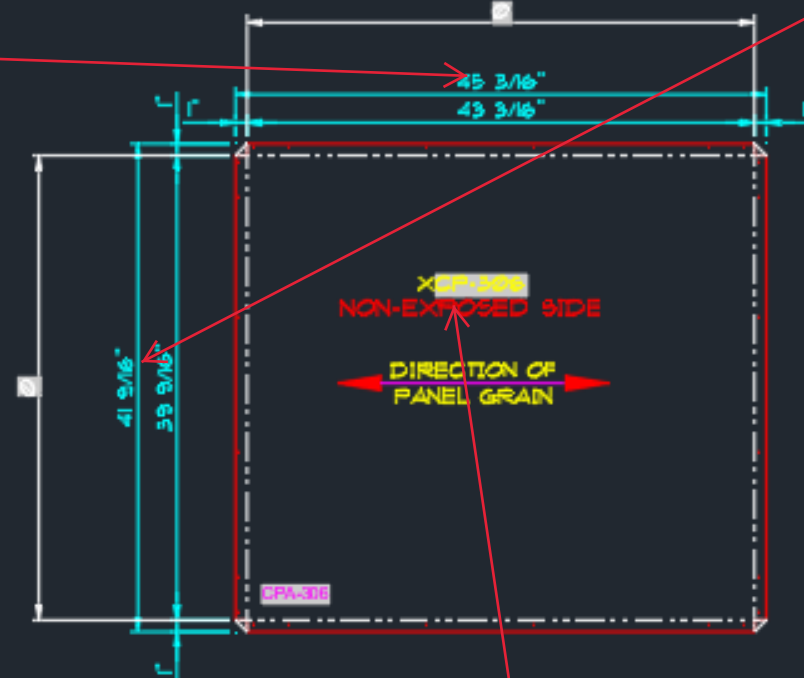
Links to Panel Qty and multiplies by the total one column

Uses Diesel function to modify Filename so that CPA-306 becomes CP-306

Field Tied to this value, only used on single distribution panels. Plain text Distribution should be used on multiple distributions

DETAIL REF.	ELEVATION REF.	QTY	MK	O.L.	DISTRIBUTION TO:			DRAWN BY:	TT
D-301	P-308	3	CPA-306	---	3 / P-308-R			CHECKED BY:	
						PROJECT:		DATE:	12/8/22
						PART NAME:		FAB RELEASE NUMBER	
						COMPOSITE PANEL ASSEMBLY			
						REV. NO.	DATE:	BY:	SHEET NUMBER:
						REV. NO.	DATE:	BY:	CPA-306

OL Will always be the measurement that is parallel with the material grain. Field Linked to dimension



DE NO: ----

MATERIAL: 4mm ALUMINUM COMPOSITE SHEET

FINISH: (FC-1) REYNOLBOND COLORFELD 500 "PURE WHITE"

Flat Size will always be the measurement that is perpendicular to the grain. Field is linked to Material-Info. Which in this case the Material-Info value is also set with a field that is linked to a Model space dimension.

Uses Diesel function to modify Filename so that CPA-306 becomes CP-306

Uses Diesel function to modify Filename so that CPA-306 becomes CP-306

Fields are all linked to CPA Sheet so that information will only need filled in once

AS VIEWED FROM NON-EXPOSED SIDE

AT SIZE = 41 9/16"

ALLOWANCE FIGURED INTO

SIZE - VERIFY AT PRESS)

DETAIL REF.	ELEVATION REF.	QTY	MK	O. L.	ASSEMBLE ON:	WALTEK		DRAWN BY:
D-301	P-308	3	XCP-306	45 3/16"	3 / CPA-306	WALTEK		CHECKED BY:
						PROJECT:		DATE: 2/3/22
						TRIHEALTH FINNEYTOWN		
						PART NAME:		FAB RELEASE NUMBER
						COMPOSITE PANEL		
						REV. 1	DATE	BY:
						REV. 2	DATE	BY:
						SHEET NUMBER:		
						CP-306		

Fields are all linked to CPA Sheet so that information will only need filled in once



