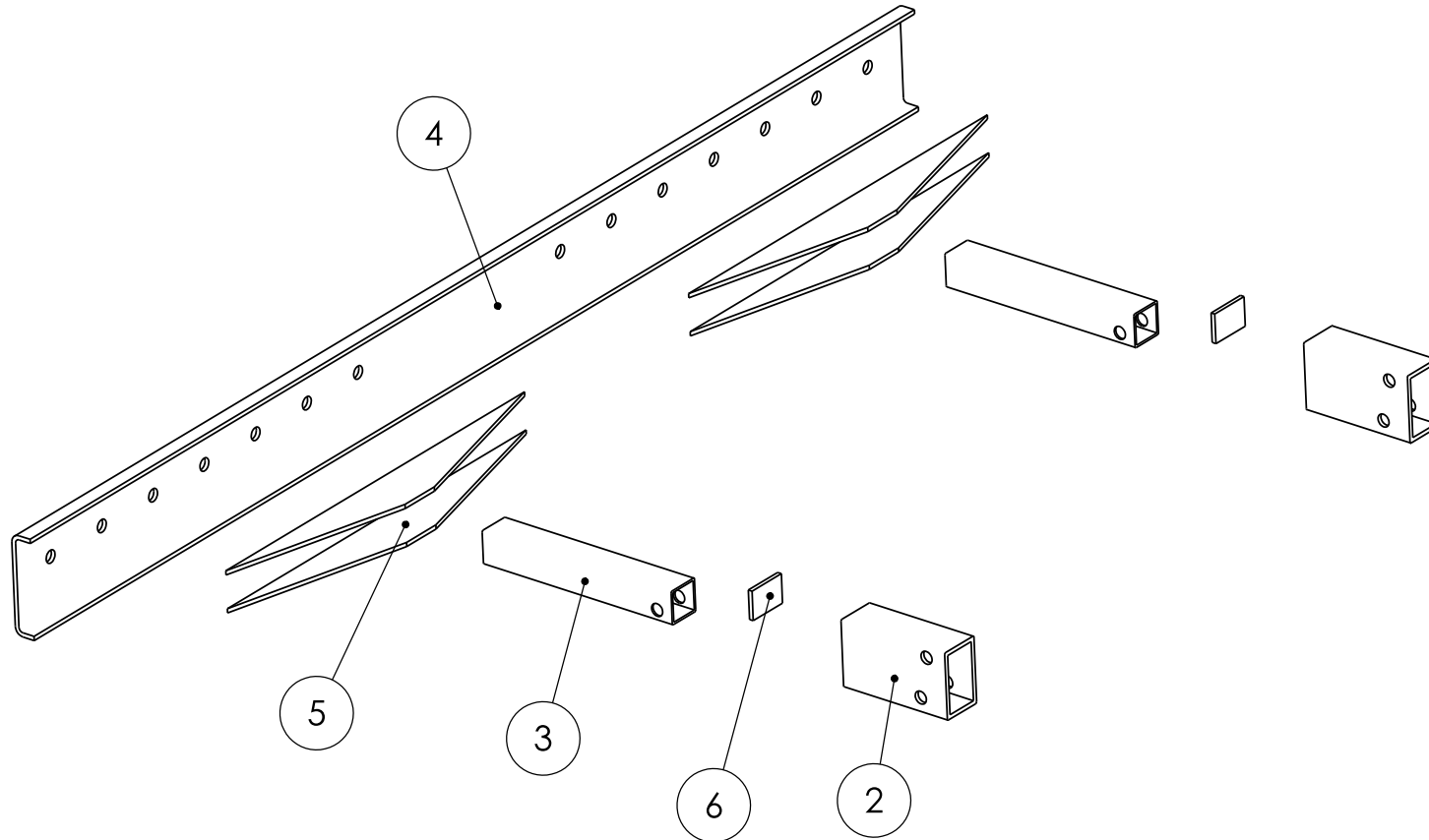


Part #	Qty	Description
2	2	Couple
3	2	Arm
4	1	Backbone
5	4	Large Gusset
6	2	Box Cap

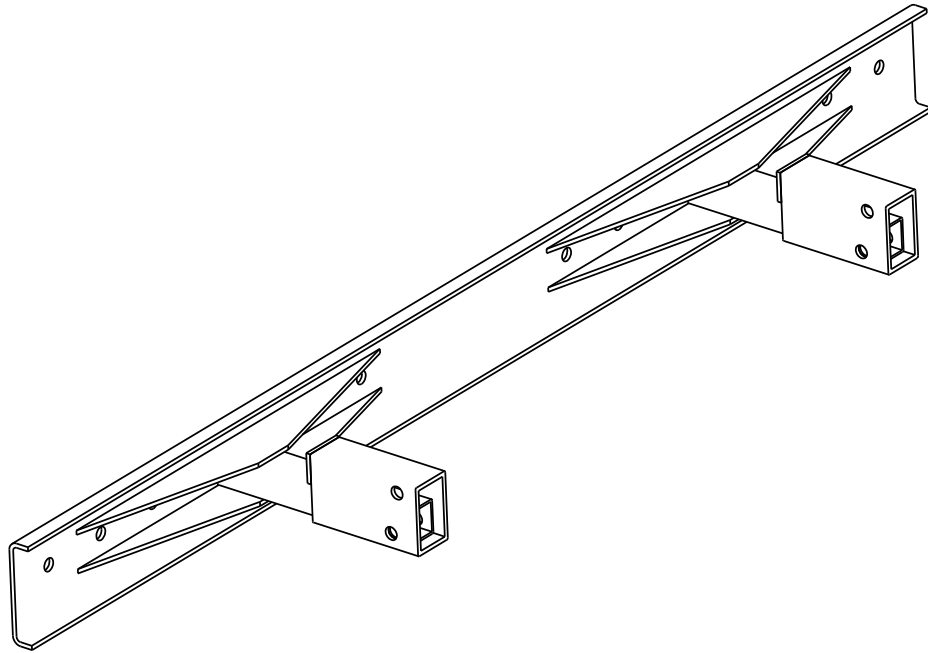
		REVISIONS		DATE	APPROVED
ZONE	REV.	DESCRIPTION			



DIMENSIONS ARE IN INCHES		NAME	DATE	HDC, Inc.
TOLERANCES:		DRAWN	???	
FRACTIONAL ±		CHECKED		A-Bumper Frame DODGE
ANGULAR: MACH ± BEND ±		ENG APPR.		
TWO PLACE DECIMAL ±		MFG APPR.		
THREE PLACE DECIMAL ±		Q.A.		
MATERIAL	--	COMMENTS:		
FINISH	--			
DO NOT SCALE DRAWING				
SIZE	DWG. NO.	REV.		
SCALE: 1:10	WEIGHT:	SHEET 1 OF 10		

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		REVISIONS		
ZONE	REV.	DESCRIPTION	DATE	APPROVED



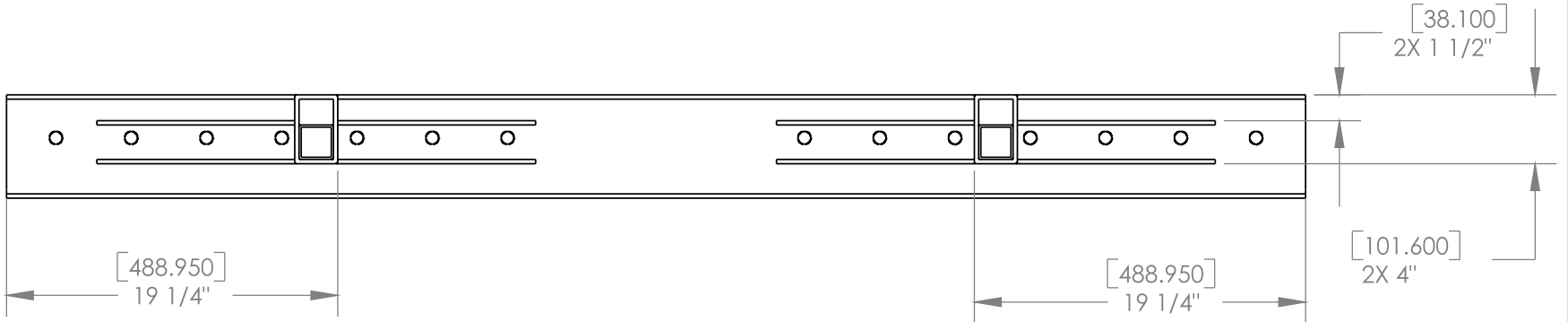
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DIMENSIONS ARE IN INCHES	
TOLERANCES:	
FRACTIONAL ±	
ANGULAR: MACH ±	BEND ±
TWO PLACE DECIMAL ±	
THREE PLACE DECIMAL ±	
MATERIAL	--
FINISH	--
DO NOT SCALE DRAWING	

	NAME	DATE
DRAWN	???	??/??/????
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

HDC, Inc.		
ABumper Frame DODGE		
SIZE	DWG. NO.	REV.
•		
SCALE:1:10	WEIGHT:	SHEET 2 OF 10

		REVISIONS			
ZONE	REV.	DESCRIPTION	DATE	APPROVED	



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DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ±
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

MATERIAL --
 FINISH --
 DO NOT SCALE DRAWING

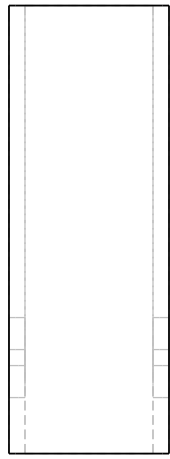
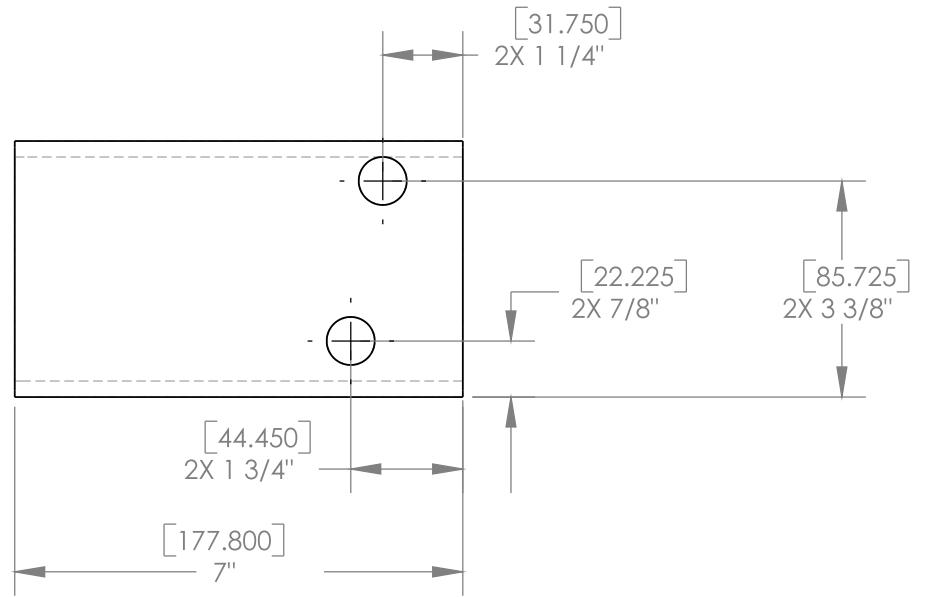
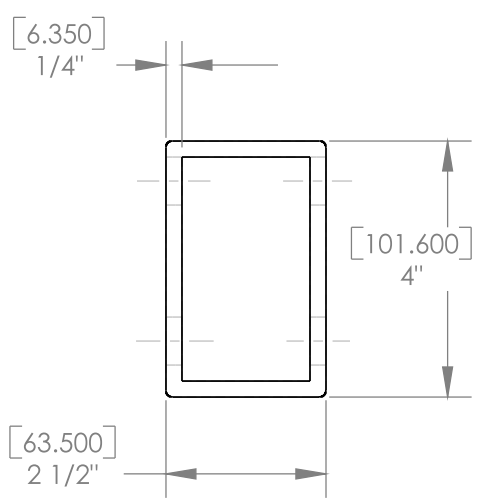
	NAME	DATE
DRAWN	???	??/??/????
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

HDC, Inc.

**ABumper Frame
DODGE**

SIZE	DWG. NO.	REV.
•		
SCALE:1:10	WEIGHT:	SHEET 3 OF 10

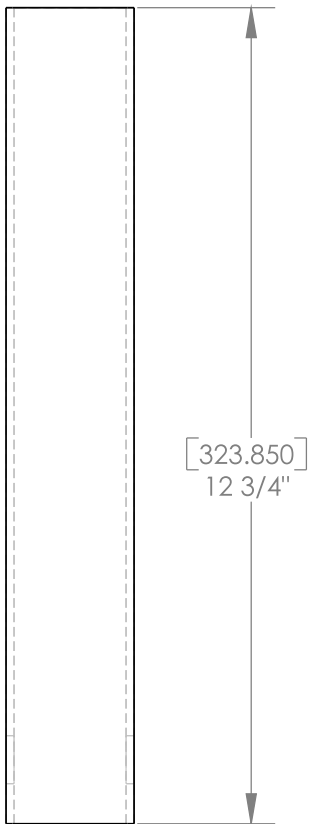
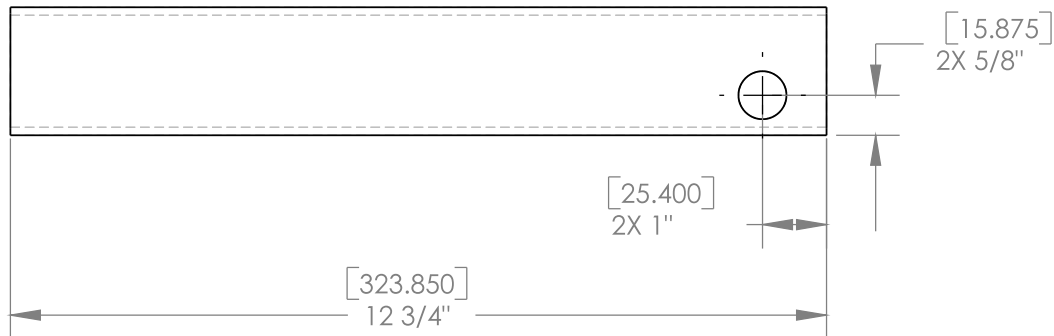
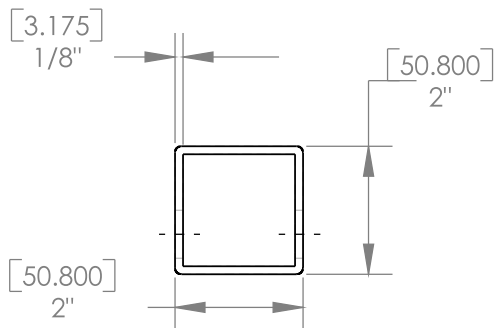
ZONE		REV.	REVISIONS	DATE	APPROVED
			DESCRIPTION		



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DIMENSIONS ARE IN INCHES		NAME	DATE	HDC, Inc.
TOLERANCES:		DRAWN	???	
FRACTIONAL ±		CHECKED		Couple
ANGULAR: MACH ± BEND ±		ENG APPR.		
TWO PLACE DECIMAL ±		MFG APPR.		
THREE PLACE DECIMAL ±		Q.A.		
MATERIAL	1/4" Structural Steel Box Tubing	COMMENTS:		SCALE: 1:3
FINISH	--			
DO NOT SCALE DRAWING				REV.
				SHEET 4 OF 10

ZONE		REV.	REVISIONS	DATE	APPROVED
			DESCRIPTION		



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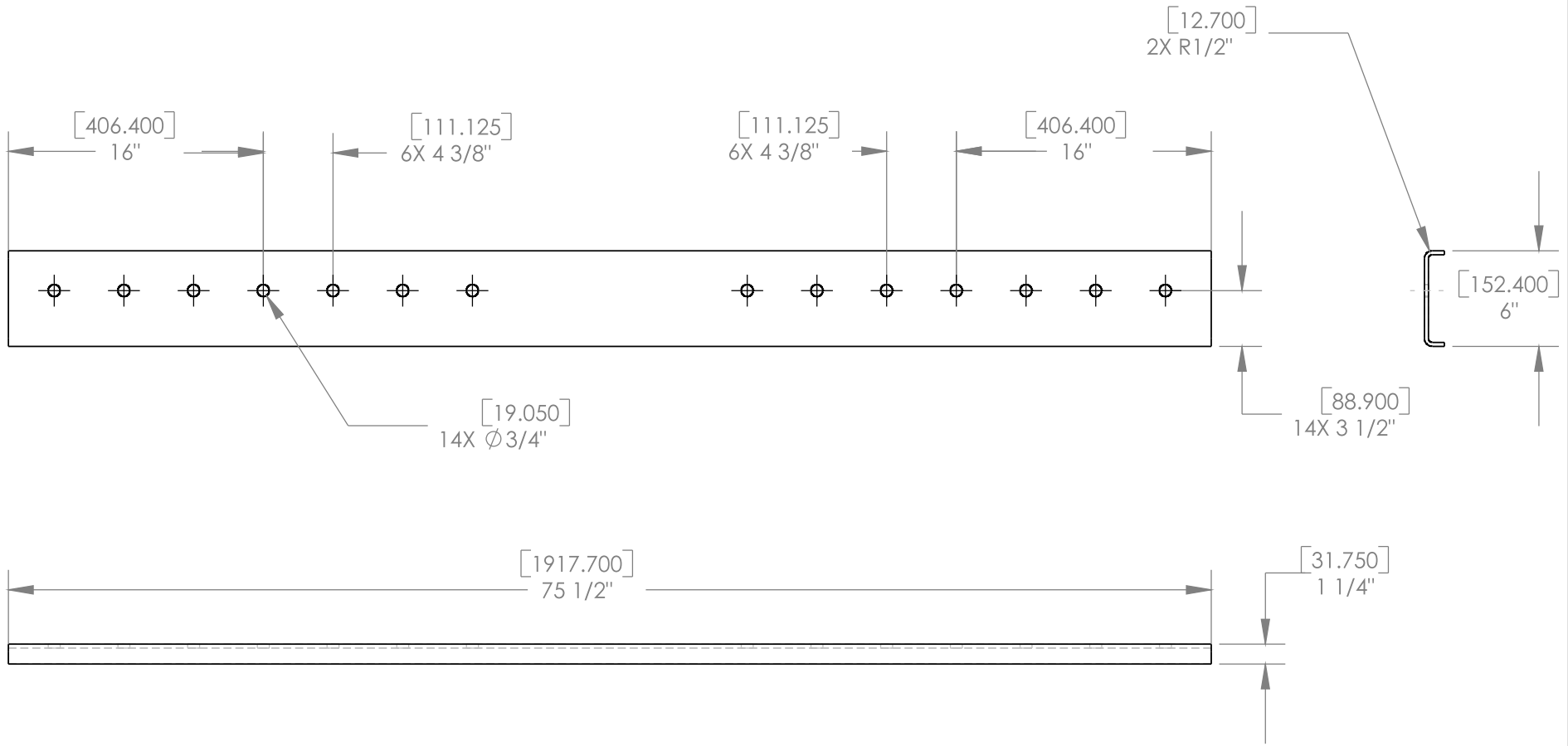
DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	???
FRACTIONAL ±		??/??/????	
ANGULAR: MACH ± BEND ±		CHECKED	
TWO PLACE DECIMAL ±		ENG APPR.	
THREE PLACE DECIMAL ±		MFG APPR.	
MATERIAL		Q.A.	
1/8" Structural Steel Box Tubing		COMMENTS:	
FINISH --			
DO NOT SCALE DRAWING			

HDC, Inc.

Arm

SIZE	DWG. NO.	REV.
•		
SCALE: 1:3	WEIGHT:	SHEET 5 OF 10

ZONE		REV.	REVISIONS	DATE	APPROVED
			DESCRIPTION		



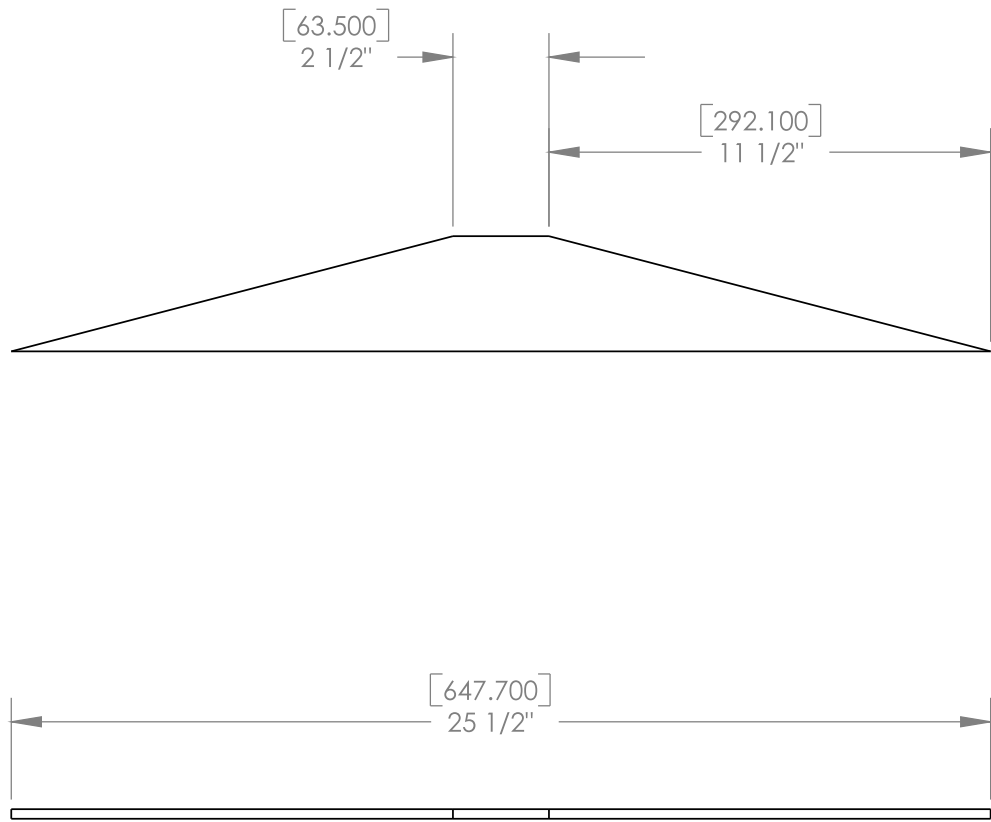
NOTE: 1/4" Thickness

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DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	???
FRACTIONAL ±		CHECKED	??/??/????
ANGULAR: MACH ± BEND ±		ENG APPR.	
TWO PLACE DECIMAL ±		MFG APPR.	
THREE PLACE DECIMAL ±		Q.A.	
MATERIAL		COMMENTS:	
1/4" Structural Steel Channel			
FINISH			
--			
DO NOT SCALE DRAWING			

HDC, Inc.		
Backbone		
SIZE	DWG. NO.	REV.
•		
SCALE:1:10	WEIGHT:	SHEET 6 OF 10

		REVISIONS			
ZONE	REV.	DESCRIPTION	DATE	APPROVED	



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DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ±
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

MATERIAL
 1/4" Flat Steel Stock

FINISH --

DO NOT SCALE DRAWING

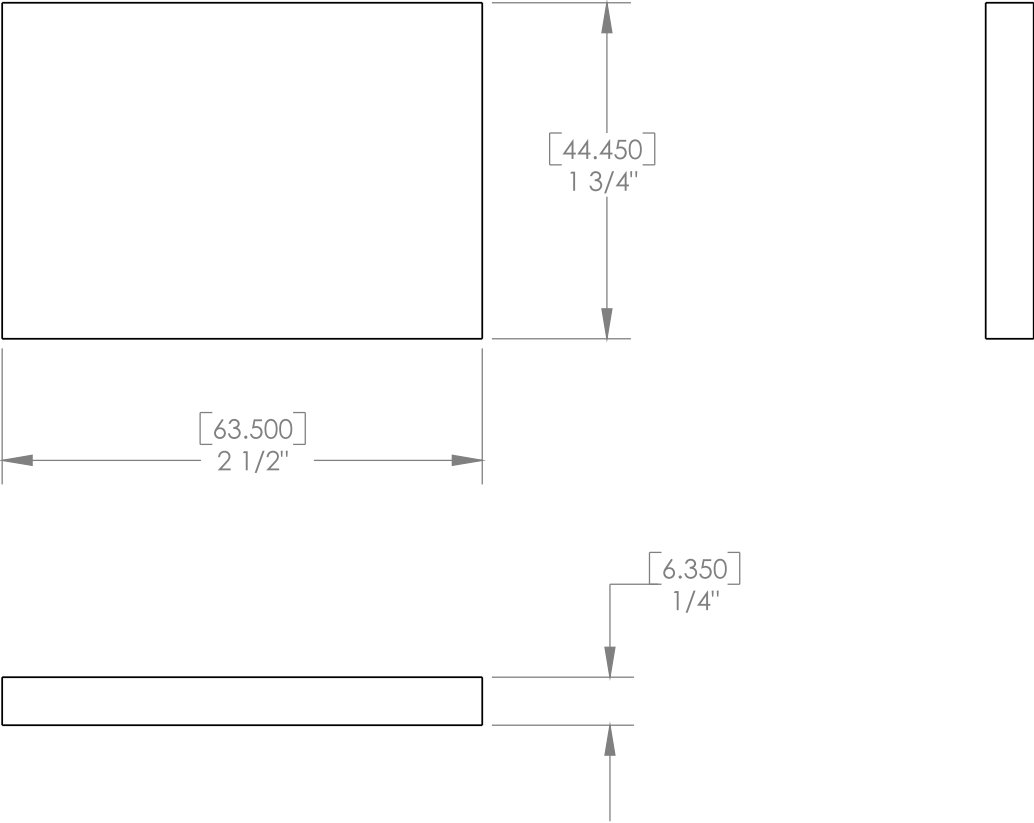
	NAME	DATE
DRAWN	???	??/??/????
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

HDC, Inc.

Large Gusset

SIZE	DWG. NO.	REV.
•		
SCALE: 1:5	WEIGHT:	SHEET 7 OF 10

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE



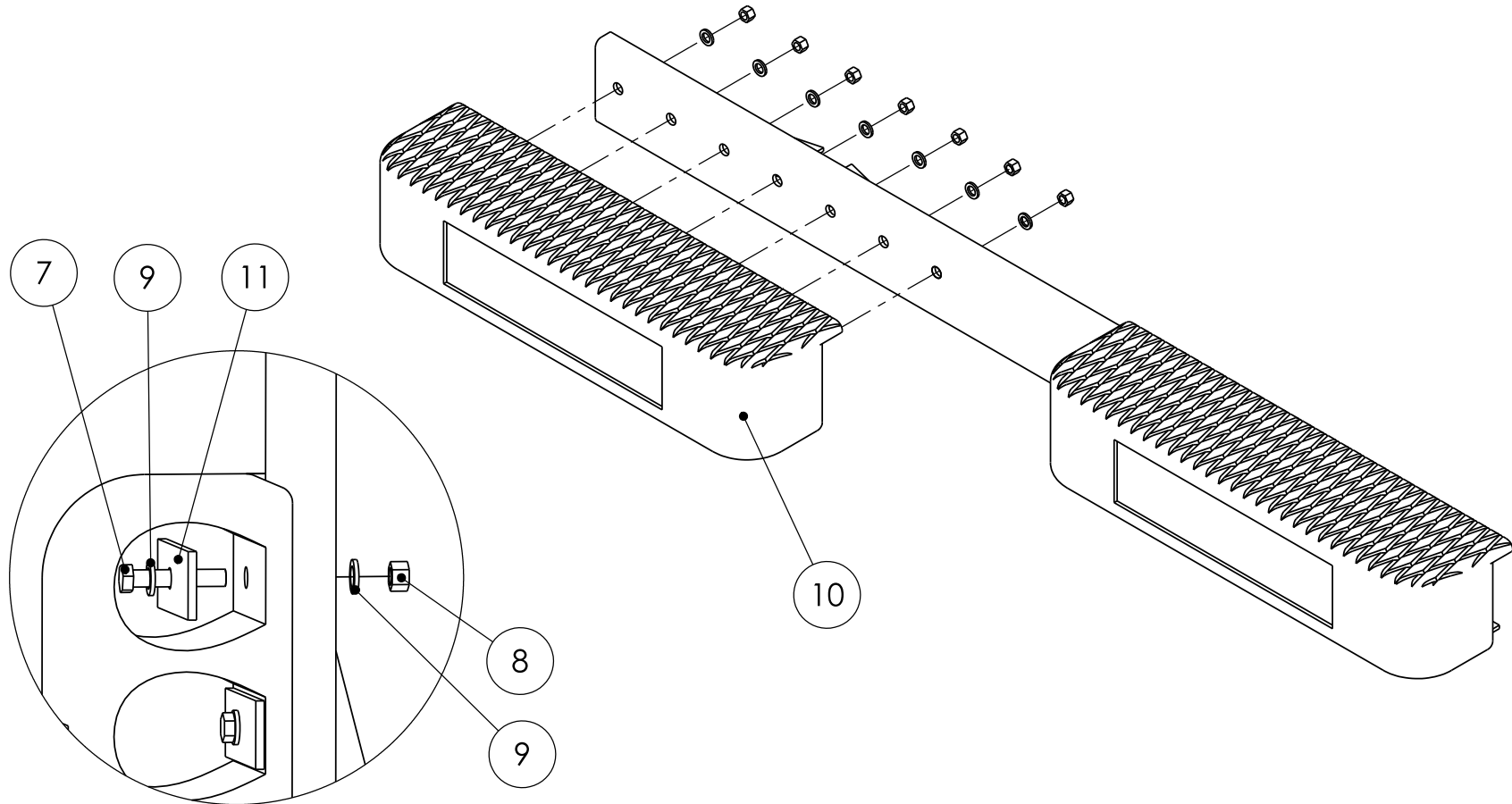
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DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	???
FRACTIONAL ±		CHECKED	??/??/????
ANGULAR: MACH ± BEND ±		ENG APPR.	
TWO PLACE DECIMAL ±		MFG APPR.	
THREE PLACE DECIMAL ±		Q.A.	
MATERIAL	COMMENTS:		
FINISH			
DO NOT SCALE DRAWING			

HDC, Inc.		
Box Cap		
SIZE	DWG. NO.	REV.
•		
SCALE:1:1	WEIGHT:	SHEET 8 OF 10

Part #	Qty	Description
7	14	5/8"-13 HHCS, 2.75" long, 1.55" thrd
8	14	5/8" Nylon Locking Nut
9	28	0.625" ID, 1.00" OD Washer
10	2	ABumper Pad
11	14	Metal Backing

ZONE		REV.	REVISIONS	DATE	APPROVED
			DESCRIPTION		

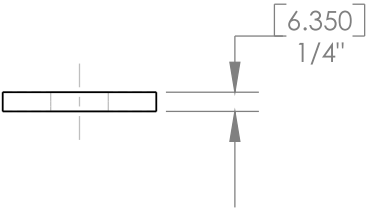
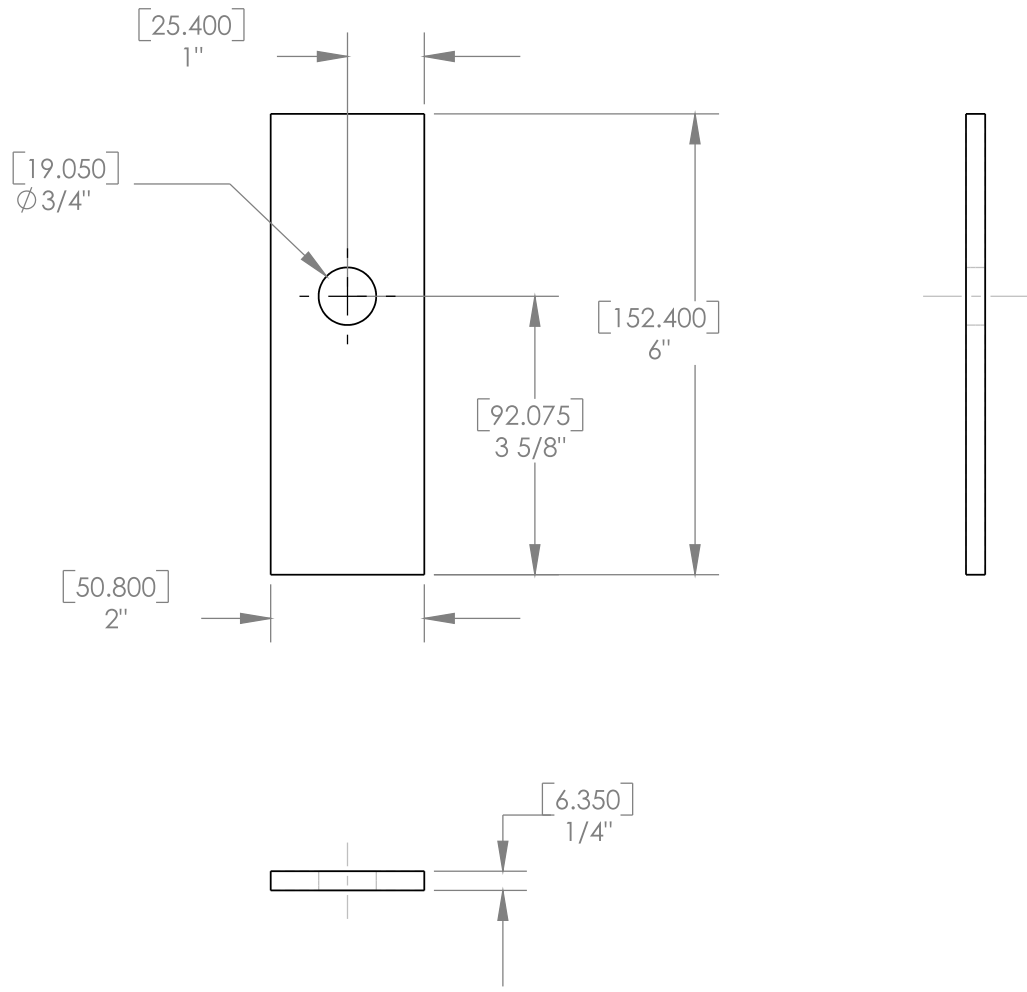


Hardware Mounting

.....
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DIMENSIONS ARE IN INCHES		NAME	DATE	HDC, Inc.
TOLERANCES:		DRAWN	???	
FRACTIONAL ±		CHECKED		A-Bumper Mount
ANGULAR: MACH ± BEND ±		ENG APPR.		
TWO PLACE DECIMAL ±		MFG APPR.		
THREE PLACE DECIMAL ±		Q.A.		
MATERIAL	--	COMMENTS:		SIZE DWG. NO. REV. •
FINISH	--			
DO NOT SCALE DRAWING				SCALE:1:10 WEIGHT: SHEET 9 OF 10

		REVISIONS	DATE	APPROVED
ZONE	REV.	DESCRIPTION		



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DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:			
FRACTIONAL ±		DRAWN	CAK 09/11/2006
ANGULAR: MACH ± BEND ±		CHECKED	
TWO PLACE DECIMAL ±		ENG APPR.	
THREE PLACE DECIMAL ±		MFG APPR.	
MATERIAL		Q.A.	
FINISH		COMMENTS:	
DO NOT SCALE DRAWING			

HDC, Inc.

Metal Backing

SIZE	DWG. NO.	REV.
•		

SCALE: 1:2.5 WEIGHT: SHEET 10 OF 10