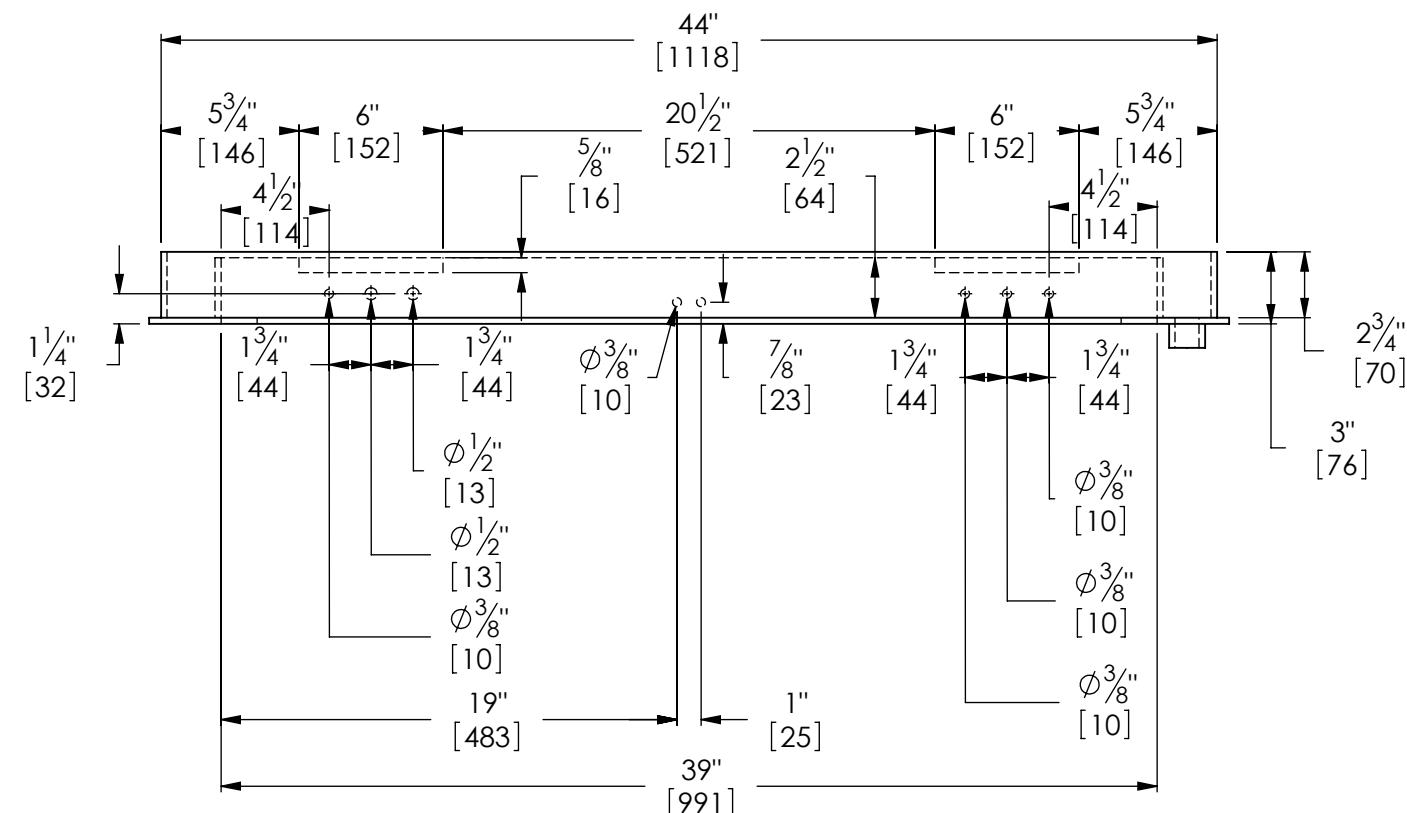


ITEM	DESCRIPTION	QTY
1	Aluminum Lid	1
2	Hatch Extrusion (4-1/2" x 3" x 1/4")	2
3	Hatch Extrusion (3" x 3" x 1/4")	2
4	Stainless Steel Spring - T320SS	1
5	Latch Angle (Detail 4)	1
6	Aluminum Angle Bar 3"x3"x3/8" (Detail 5)	1
7	304 SS Shock Rod (Detail 6)	1
8	Aluminum J-Bar Arm (Detail 7)	1
9	Aluminum Shock Tower (Detail 8)	1
10	Half Aluminum 1" Coupling	1
11	Latch & Latch Box	1



GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED.

CHECKER PLATE TO BE 5086-H116 ALUMINUM.

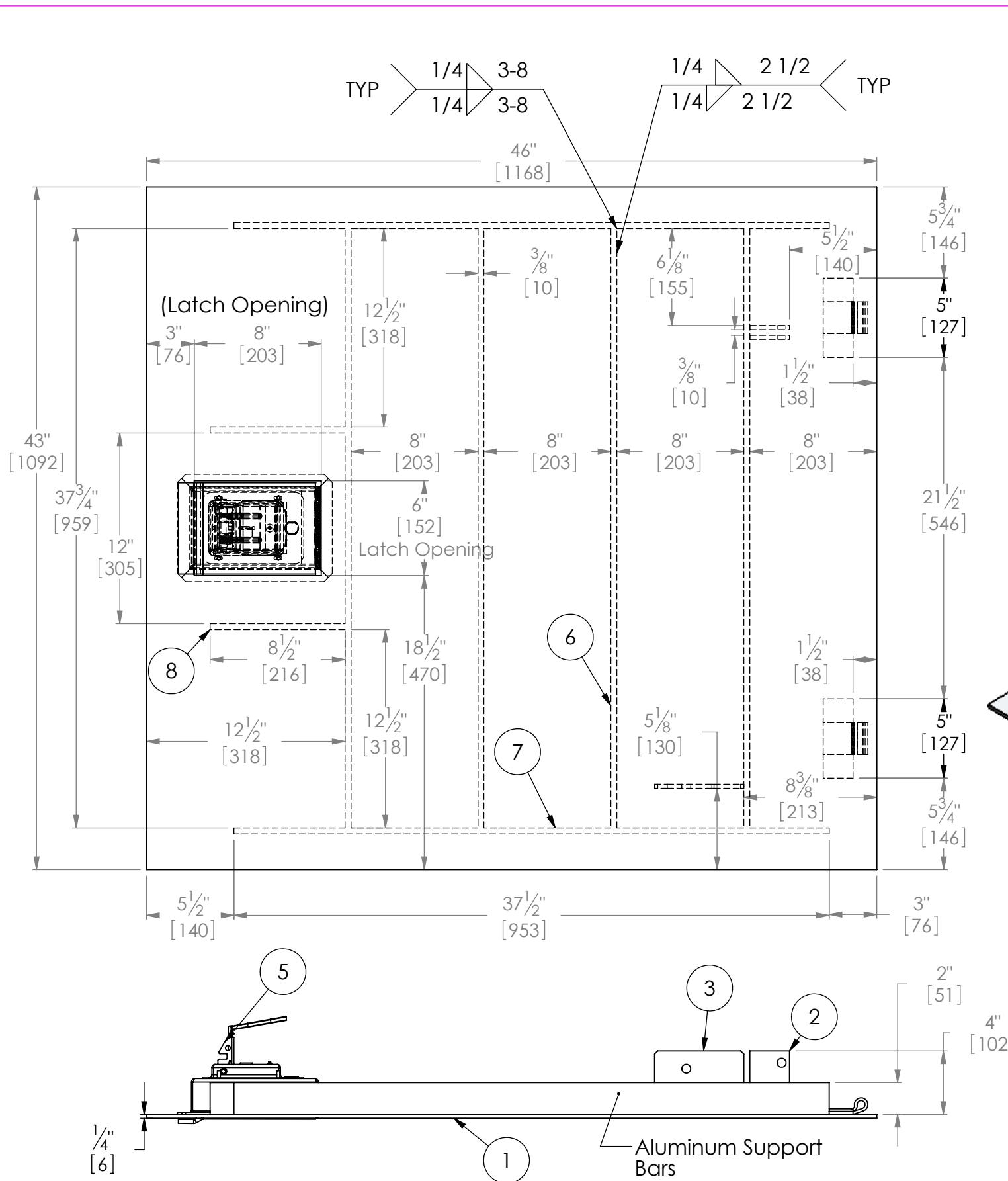
ALL WELDS ARE 3/16 FILLET WELDS, UNLESS  
OTHERWISE NOTED.

OUTER FRAME THAT WILL BE IN DIRECT  
CONTACT WITH CONCRETE TO BE COATED  
WITH ECOLOGIC DTM.

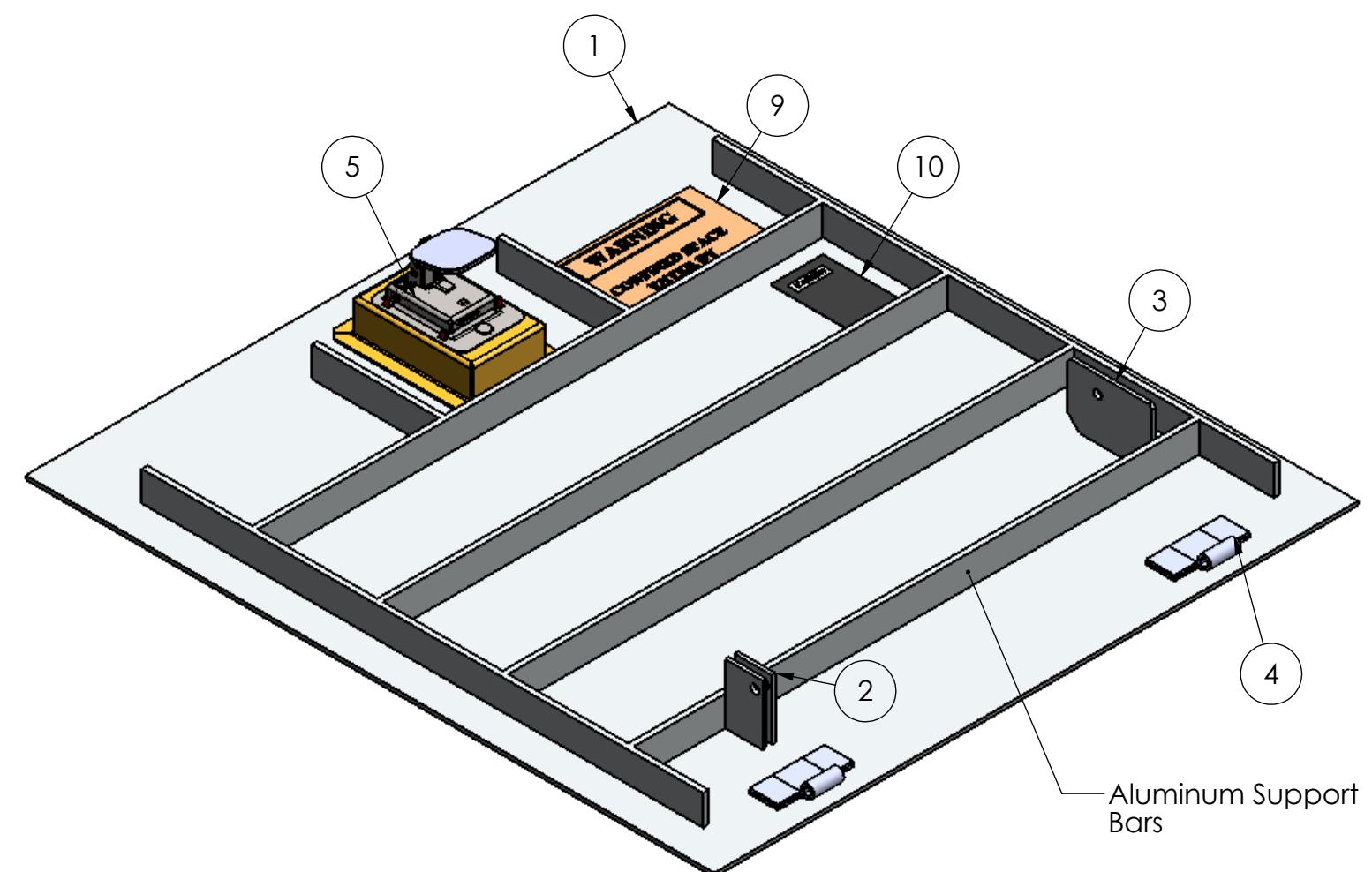
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Water Systems

TITLE:	36 x 42		JOB NUMBER:		
			DATE:	04/20/09	APP'D: RM
PROJECT:	HATCH FRAME ASSEMBLY			CK'D: RM	SHEET: 1 OF 7
	DOYON UTILITIES			DRAWN: GY	DRAWING No: 099947-53
SCALE:	NTS	REV: H			



ITEM	DESCRIPTION	QTY.
1	1/4" Aluminum Checker Plate	1
2	1/4" Aluminum Flat Bars (Detail 1)	2
3	1/4" Aluminum Plate (Detail 2)	1
4	Aluminum Hinge Sets for Lid (Detail 3)	2
5	Latch & Latch Box	1
6	Aluminum Flat Bar (2"x 1/4")	4
7	Aluminum Flat Bar (2"x 1/4")	2
8	Aluminum Flat Bar (2"x 1/4")	2
9	Warning Label	1
10	Caution Label	1



GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED.

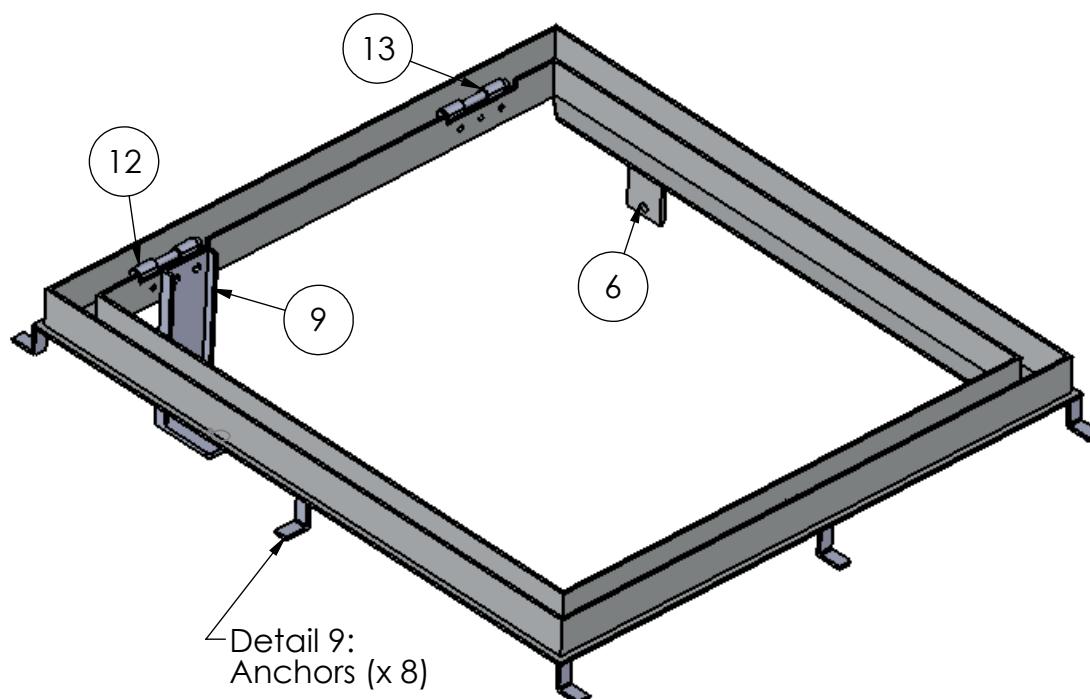
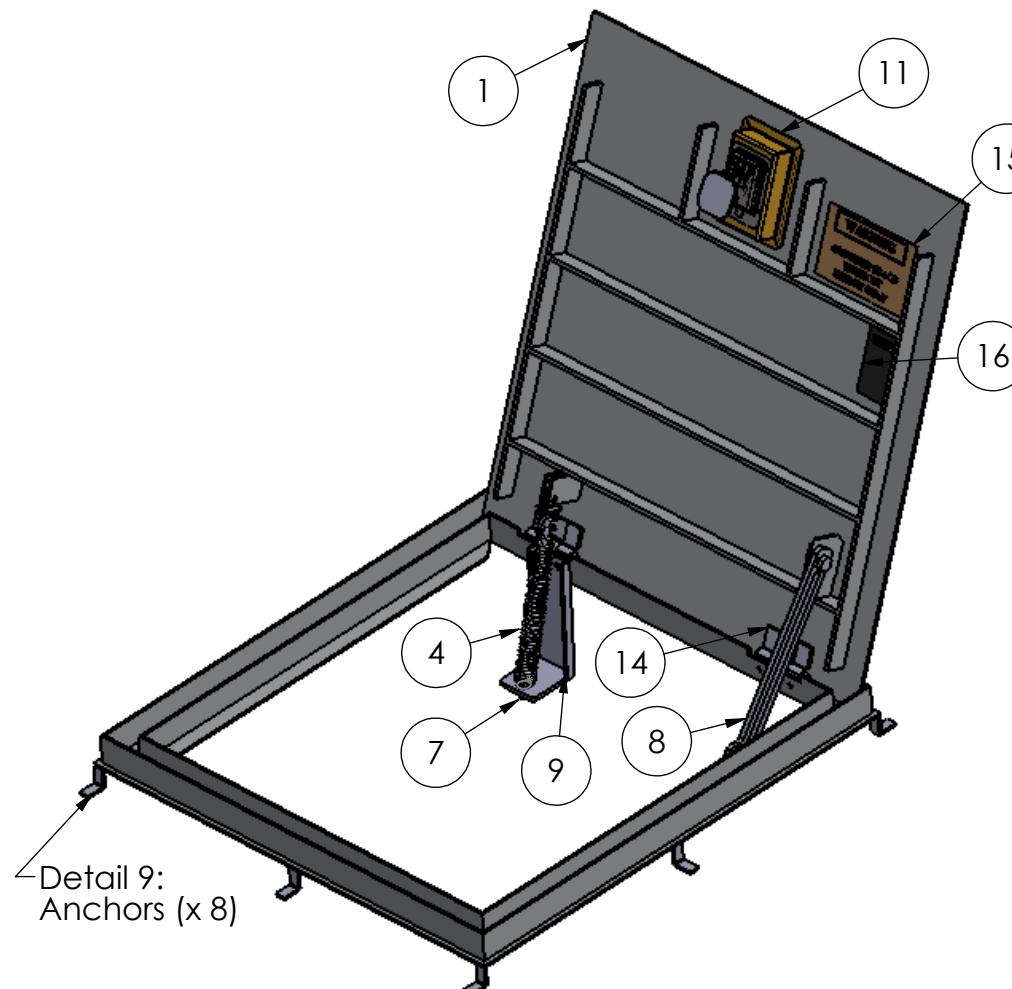
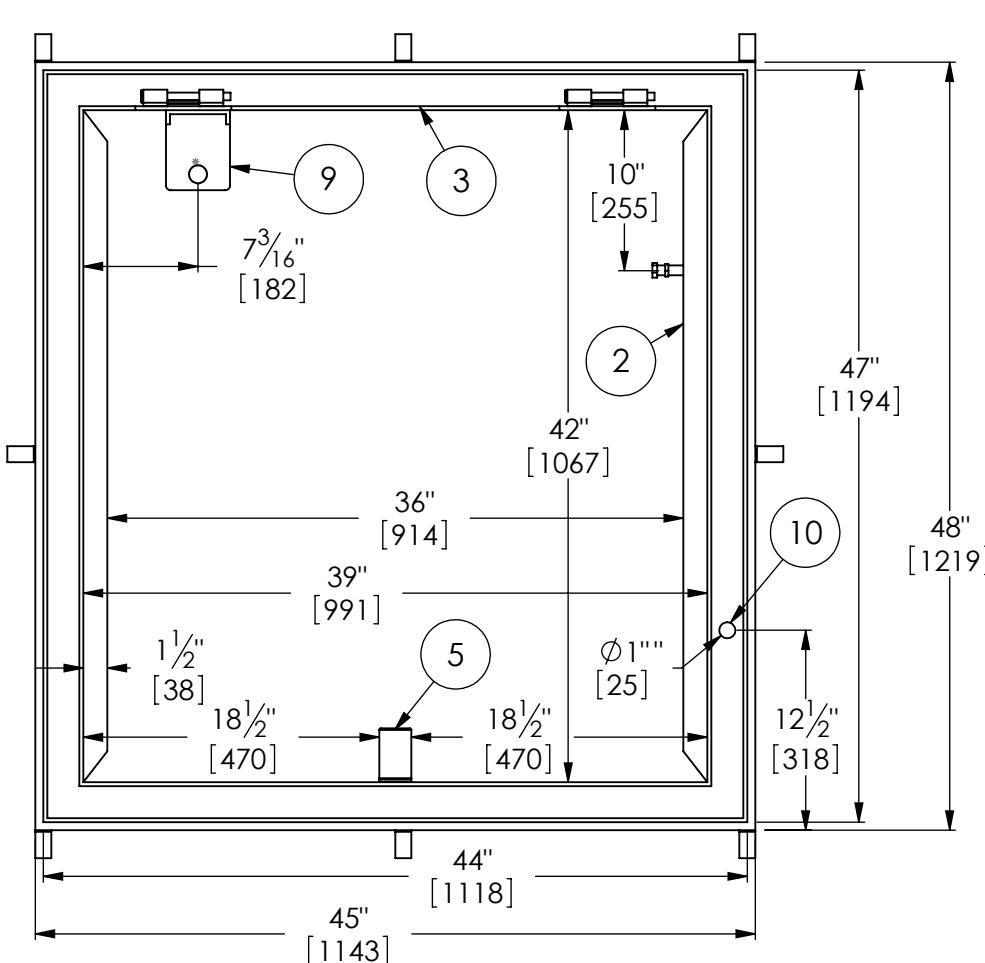
CHECKER PLATE TO BE 5086-H116 ALUMINUM.

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Water Systems

TITLE:	36 x 42 HATCH LID	JOB NUMBER:	4091200188		
PROJECT:	DOYON UTILITIES	DATE:	04/20/09	APP'D:	RM
		CK'D:	RM	SHEET:	2 OF 7
DRAWN:	GY	DRAWING NO:	099947-53		
SCALE:	1:8	REV:	H		



ITEM	DESCRIPTION	QTY
1	Aluminum Lid	1
2	Hatch Extrusion (4-1/2" x 3" x 1/4")	2
3	Hatch Extrusion (3" x 3" x 1/4")	2
4	Stainless Steel Spring - T320SS	1
5	Latch Angle (Detail 4)	1
6	Aluminum Angle Bar 3"x3"x3/8" (Detail 5)	1
7	304 SS Shock Rod (Detail 6)	1
8	Aluminum J-Bar Arm (Detail 7)	1
9	Aluminum Shock Tower (Detail 8)	1
10	Half Aluminum 1" Couplin	1
11	Latch & Latch Box	1
12	Aluminum Hinge w/ big radius (Detail 3)	1
13	Aluminum Hinge w/ small radius (Detail 3)	1
14	Aluminum Hinge for Lid (Detail 3)	2
15	Warning Label	1
16	Caution Label	1

GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED

CHECKER PLATE TO BE 5086-H116 ALUMINUM.

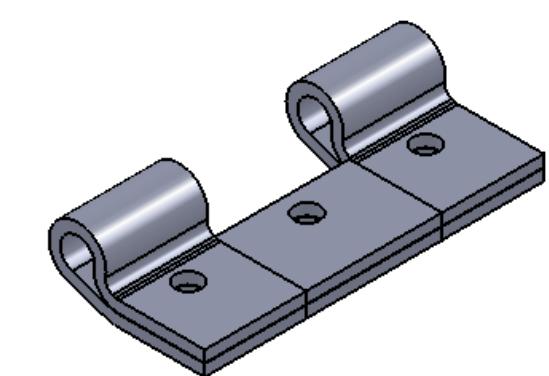
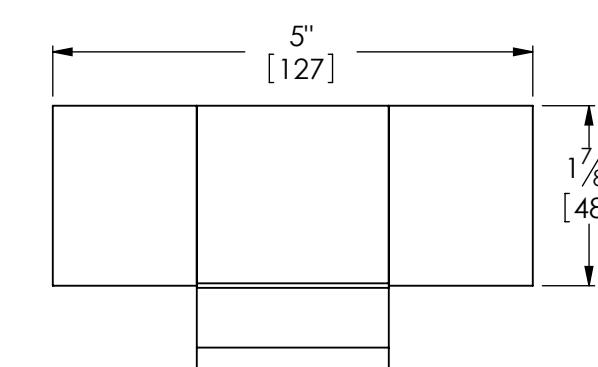
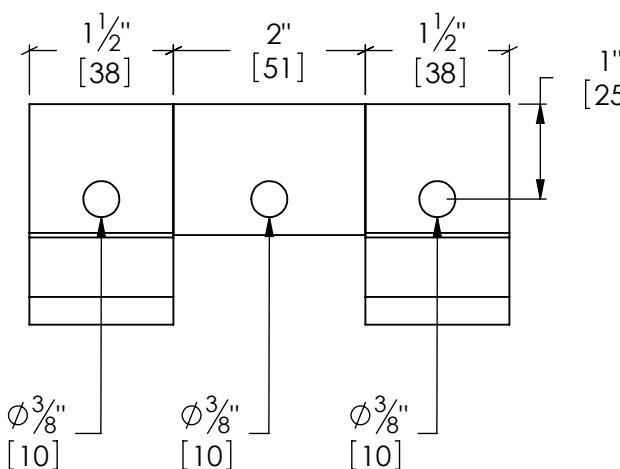
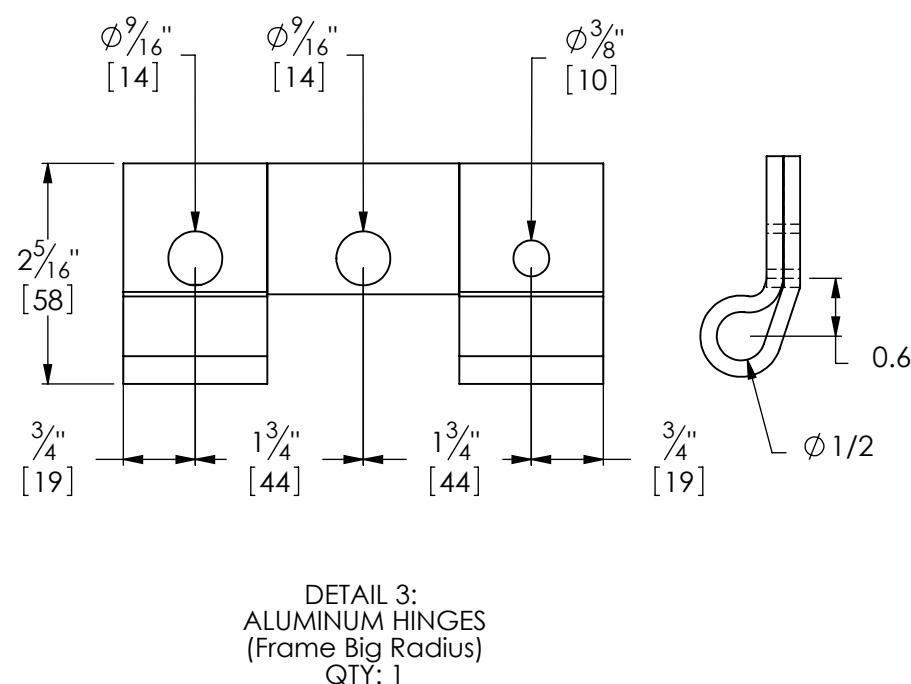
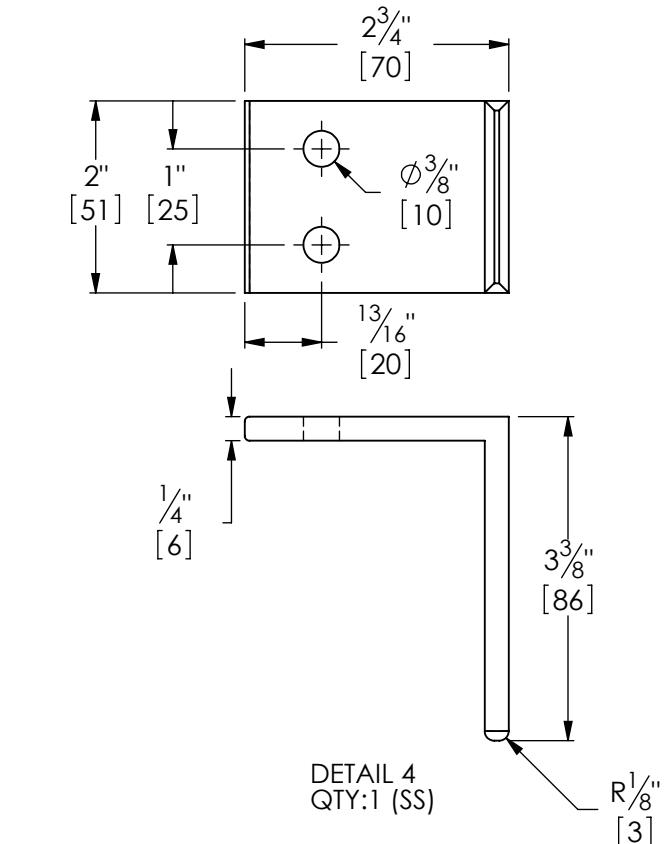
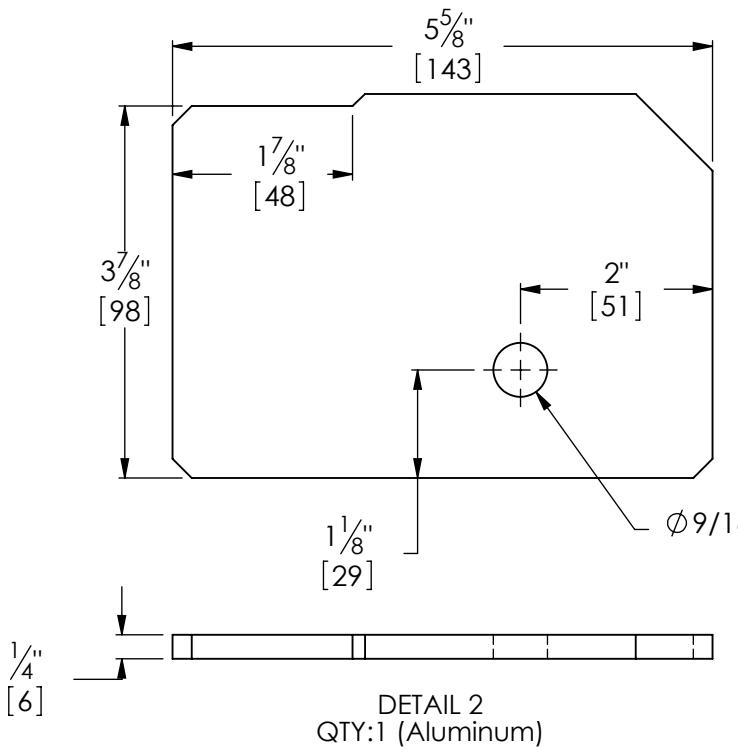
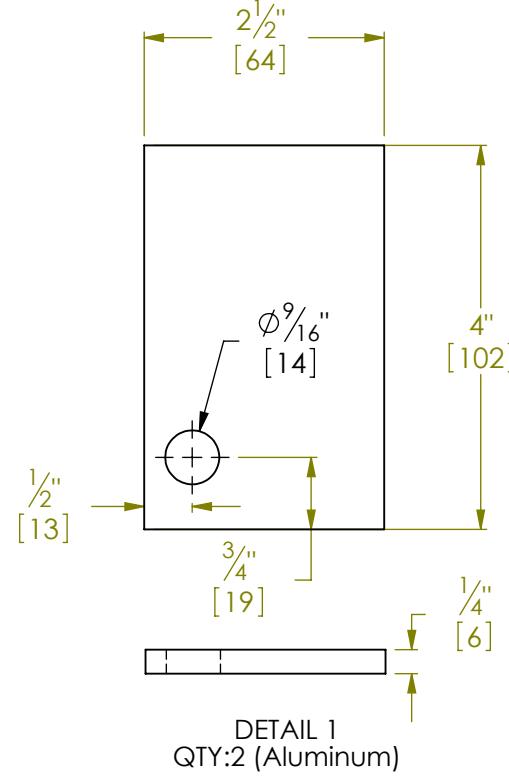
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Water Systems

TITLE:	36 x 42	JOB NUMBER: 4091200188				
	HATCH FRAME ASSEMBLY	DATE:	04/20/09	APP'D: RM	CK'D: RM	SHEET: 3 OF 7
PROJECT:	DOYON UTILITIES	DRAWN:	GY	DRAWING No: 099947-53		
		SCALE:	NTS			H

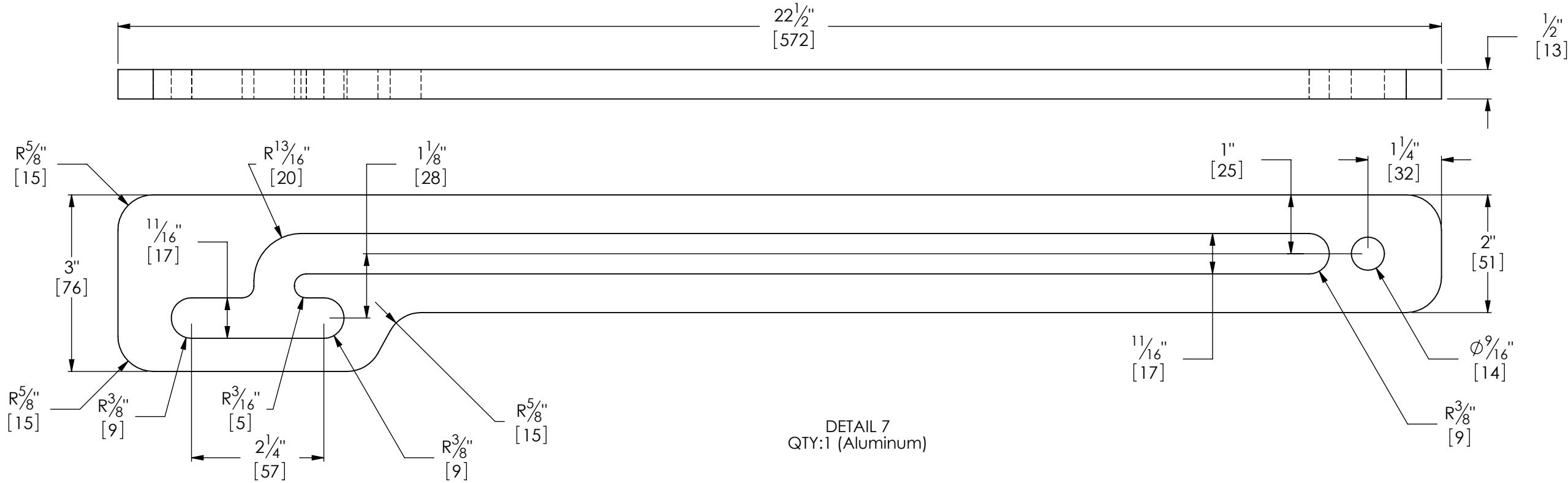


GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED.

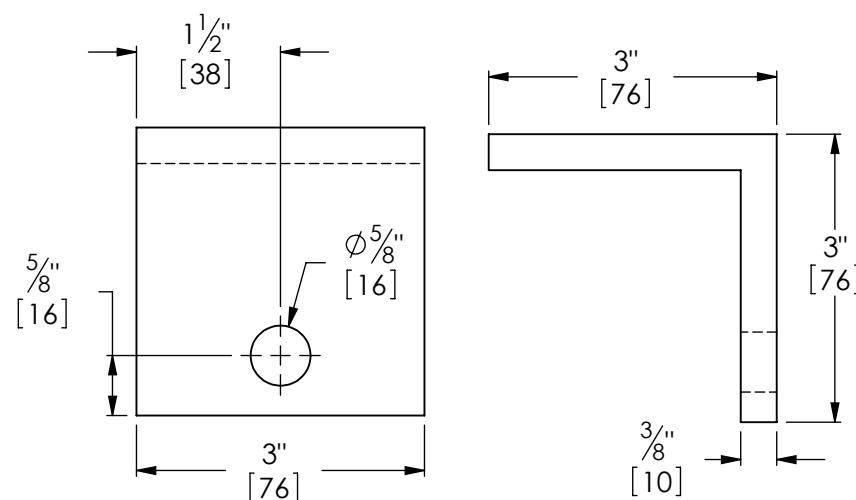
CHECKER PLATE TO BE 5086-H116 ALUMINUM.

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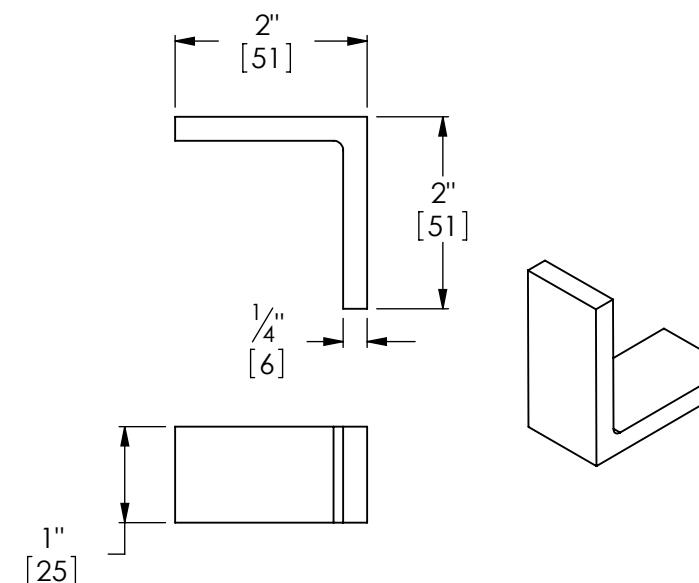
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DETAIL 7  
QTY:1 (Aluminum)



DETAIL 5  
QTY: 1 (Aluminum)



**DETAIL 9**  
QTY: 8 (Aluminum)  
Anchors welded  
to the frame

GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED.

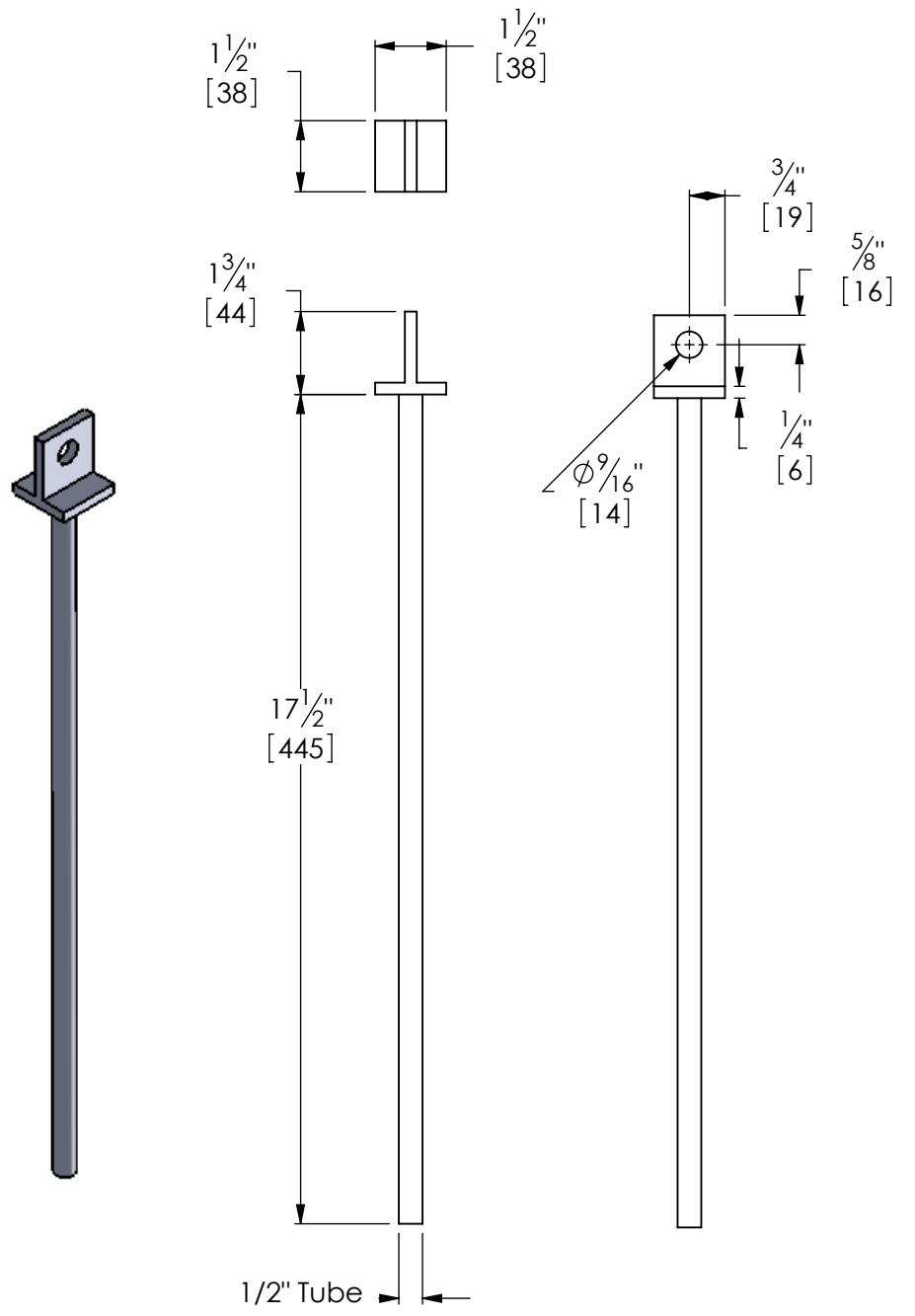
CHECKER PLATE TO BE 5086-H116 ALUMINUM

ALL WELDS ARE 3/16 FILLET WELDS, UNLESS OTHERWISE NOTED.

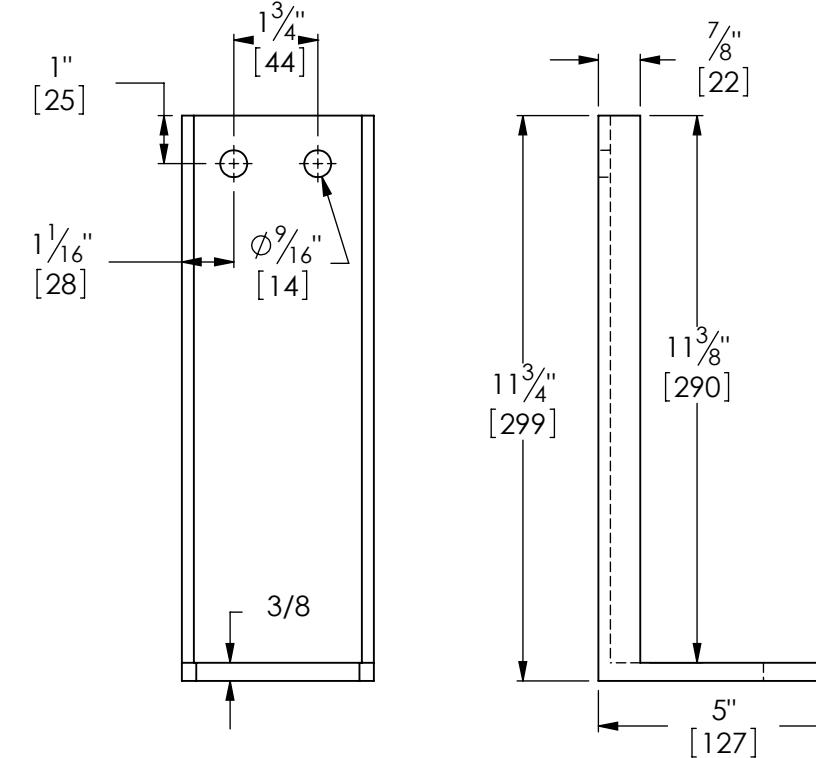
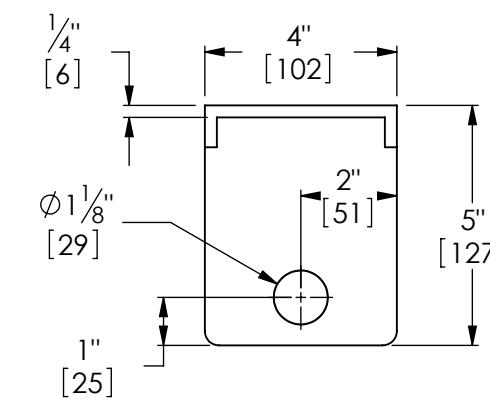
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Water Systems

TITLE:	36 x 42 HATCH DETAILS	JOB NUMBER: 4091200188				
		DATE:	04/20/09	APP'D: RM	CK'D: RM	SHEET: 5 OF 7
PROJECT:	DOYON UTILITIES	DRAWN:	GY	DRAWING No: 099947-53		
		SCALE:	1:4			H



DETAIL 6  
QTY: 1 (304 SS)



DETAIL 8  
QTY: 1 (Aluminum)

GENERAL NOTES  
ALL MATERIAL IS 6061-T6 ALUMINUM UNLESS  
OTHERWISE NOTED.

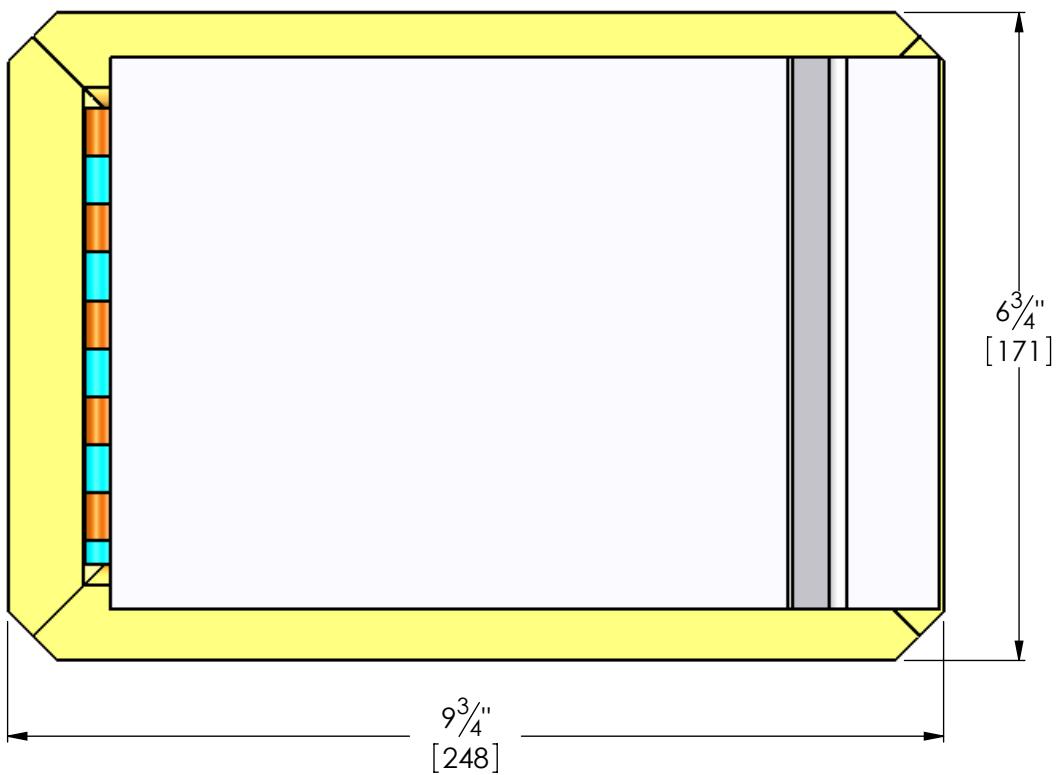
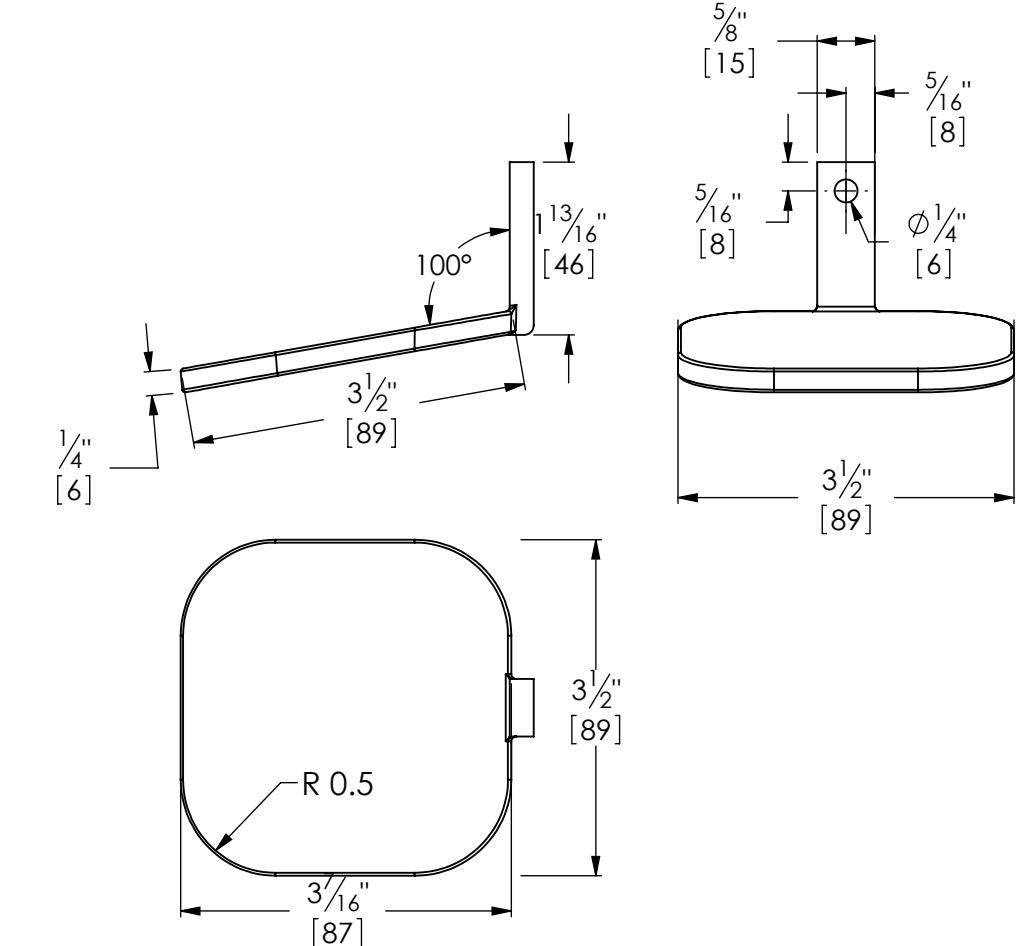
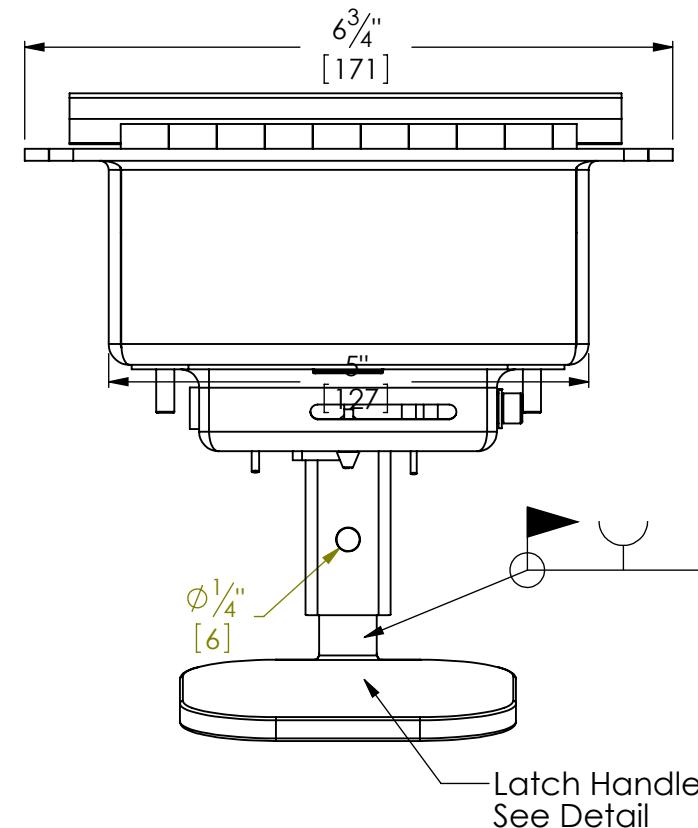
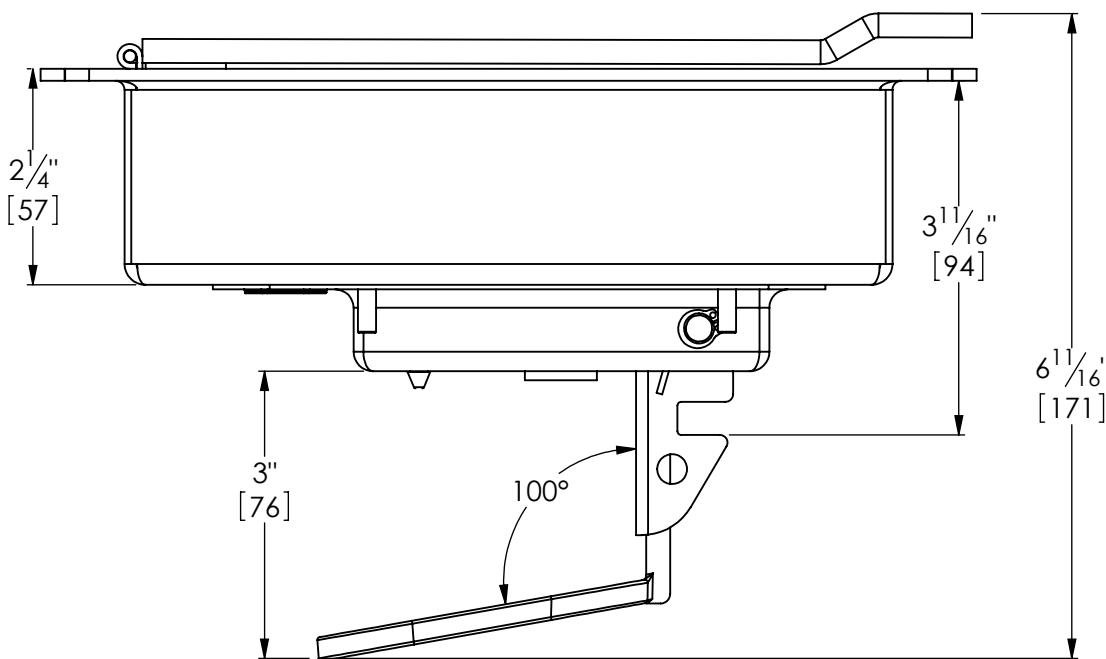
CHECKER PLATE TO BE 5086-H116 ALUMINUM.

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Water Systems

TITLE:	36 x 42		JOB NUMBER:			4091200188	
	HATCH DETAILS		DATE:	04/20/09	APP'D:	RM	CK'D:
PROJECT:	DOYON UTILITIES		DRAWN:	GY	DRAWING No:		
		SCALE:	1:4	099947-53		REV:	H



DETAIL: LATCH HANDLE

GENERAL NOTES  
LATCH MATERIAL TO BE 304 STAINLESS STEEL.

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TITLE:	36 x 42 LATCH	JOB NUMBER:			4091200188	
		DATE:	04/20/09	APP'D:	RM	CK'D:
PROJECT:	DOYON UTILITIES	DRAWN:	GY	SHEET: 7 OF 7		
		SCALE:	1:2	DRAWING No:	099947-53	REV: H