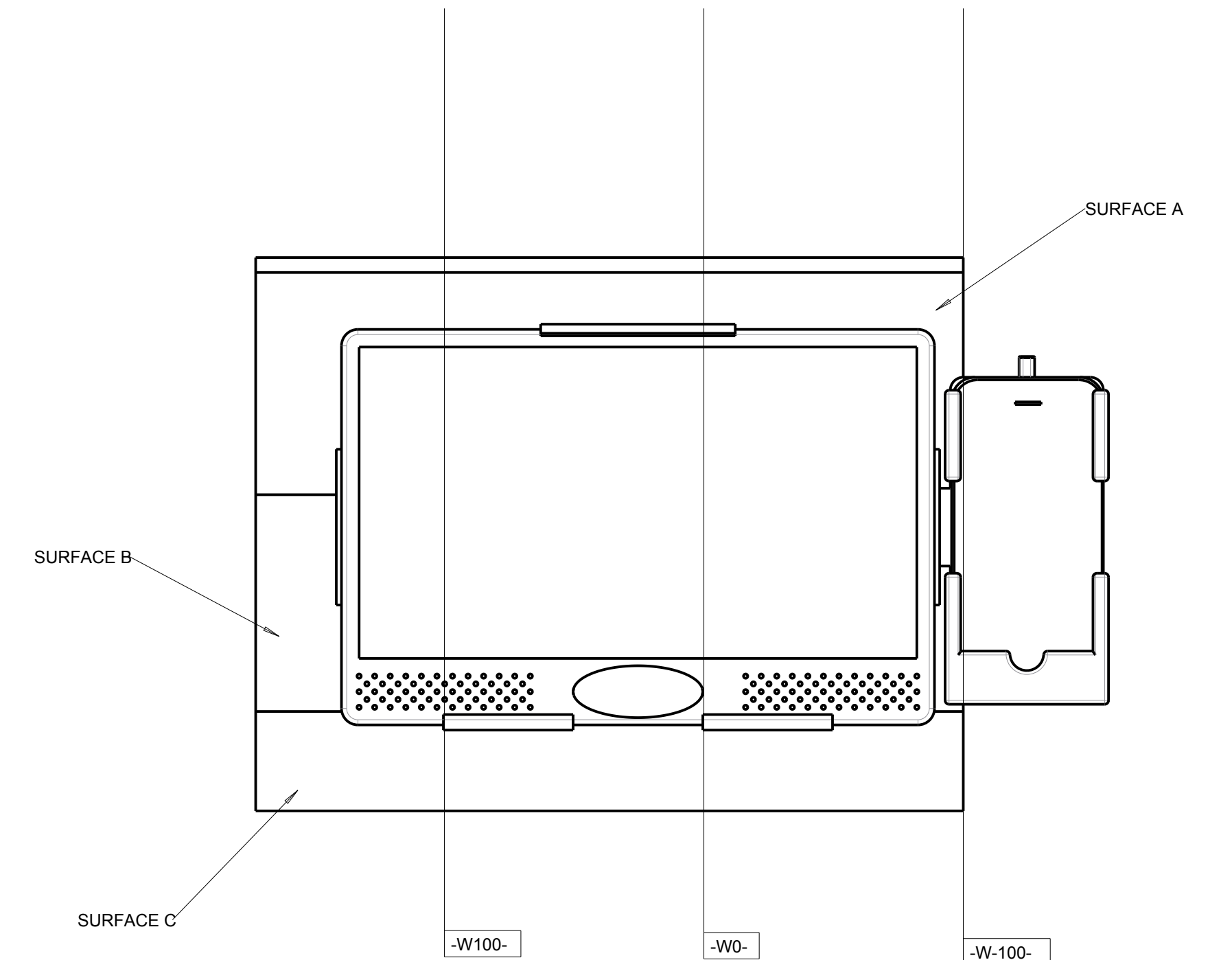
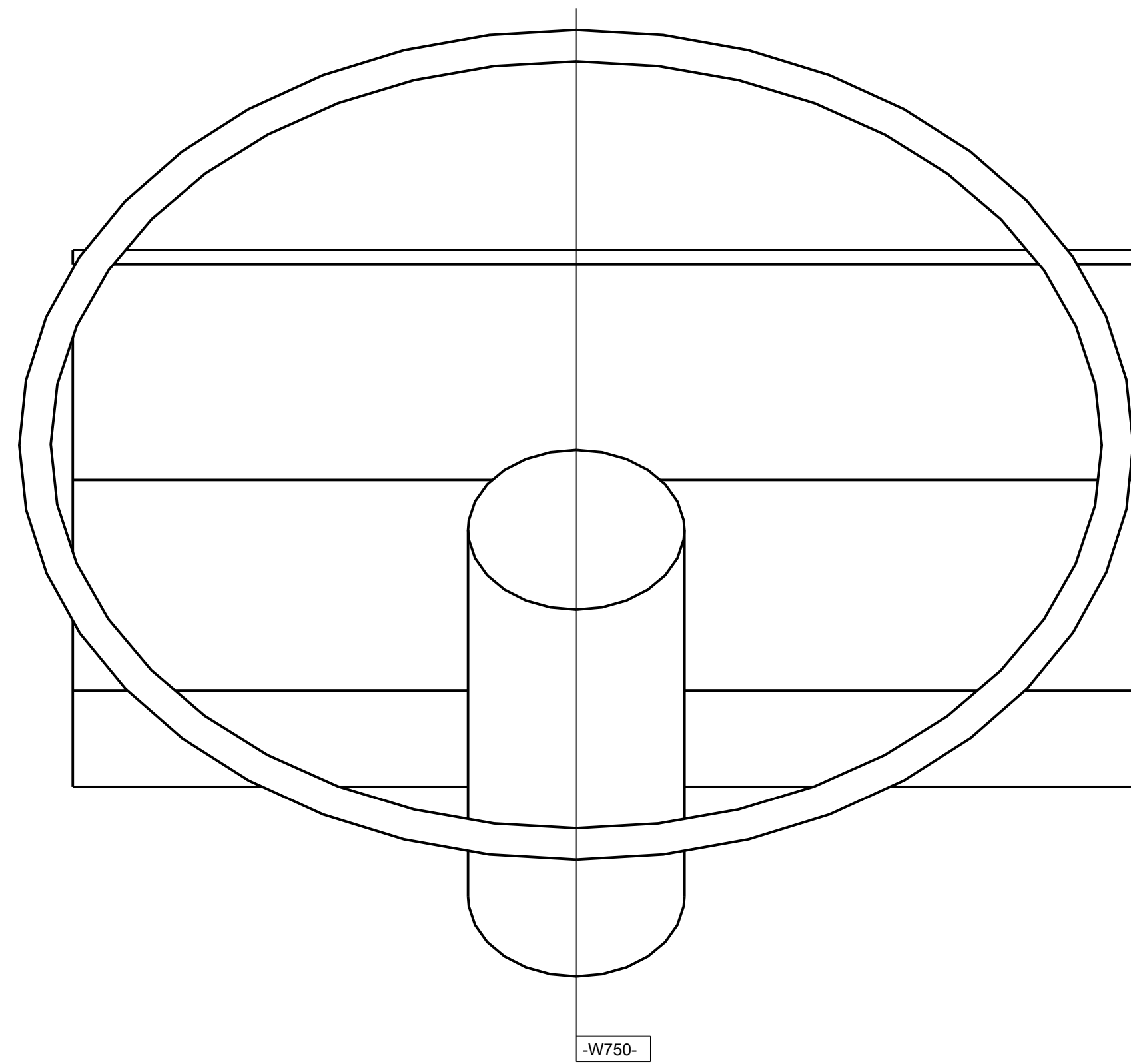
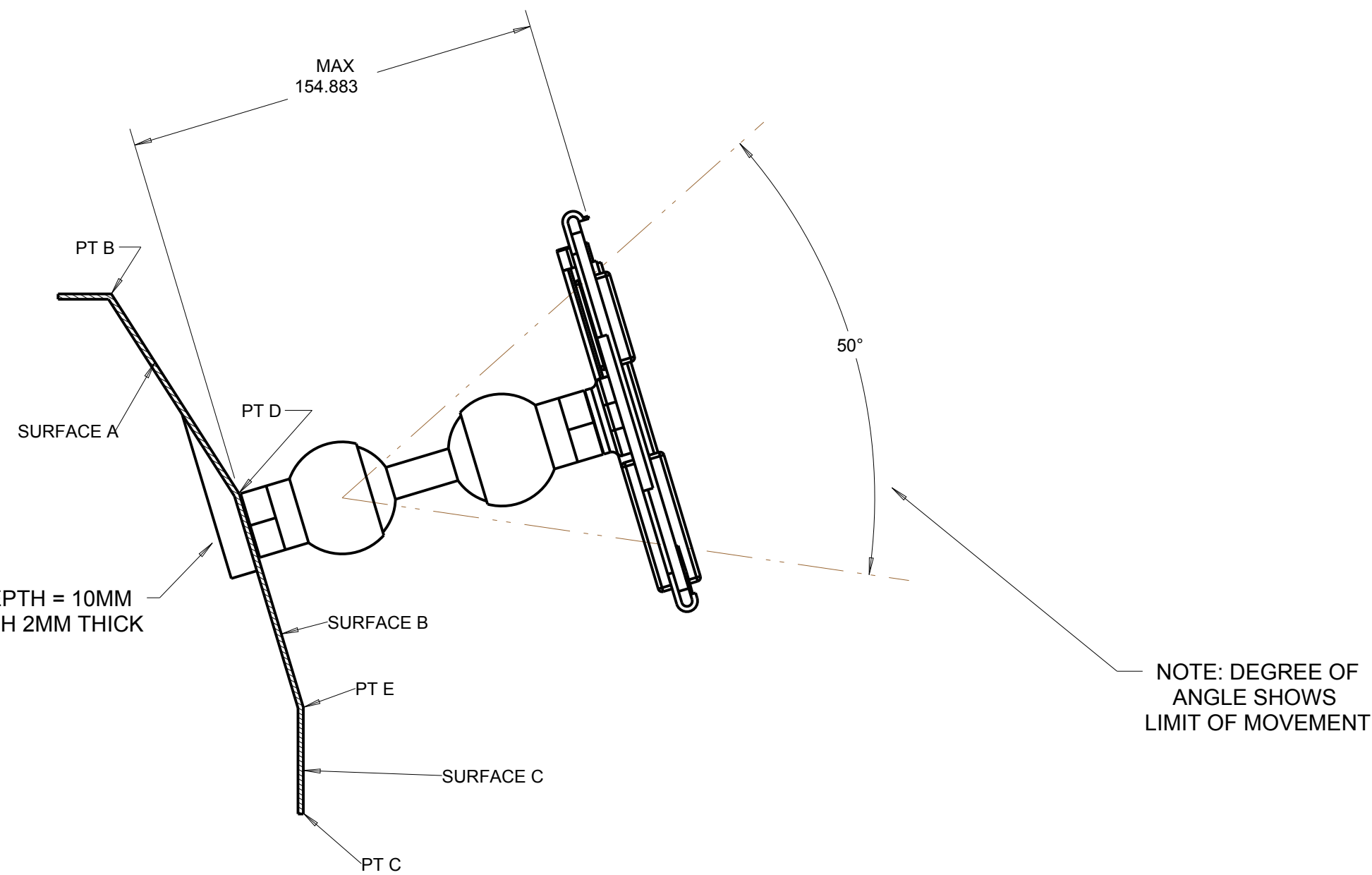
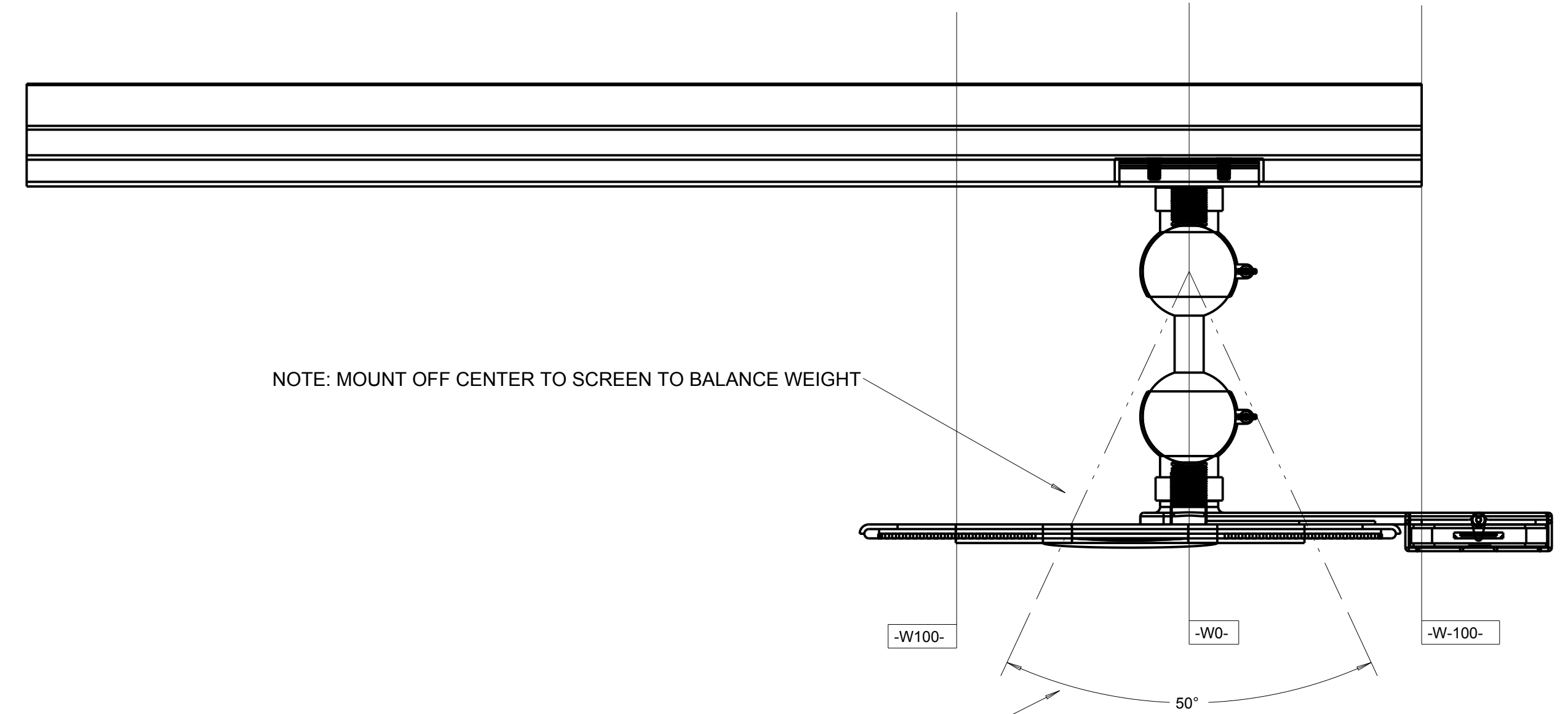
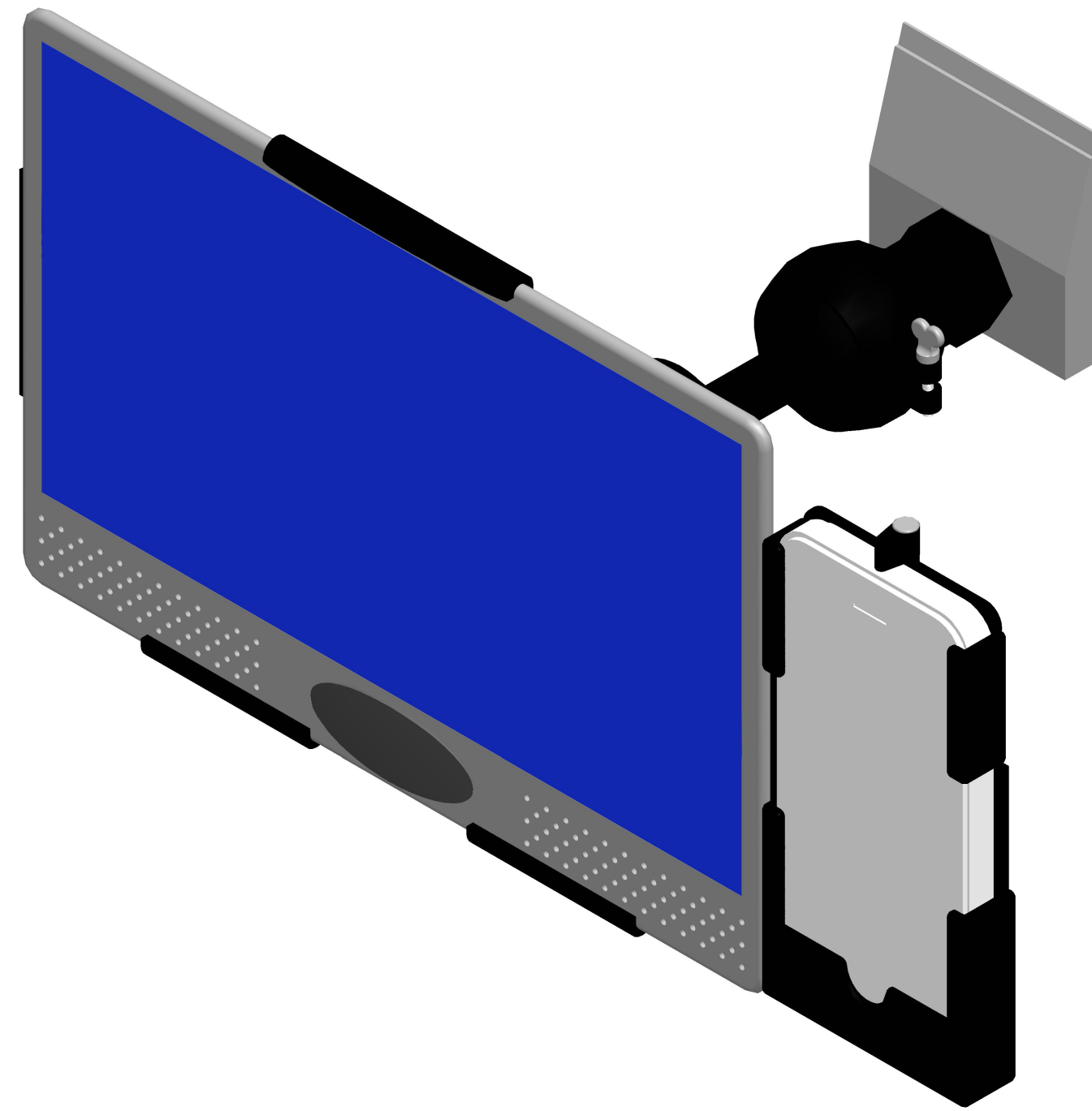


# PARTS LIST

PART #	PART NAME	MATERIAL	QTY	PAGE #
1	SCREEN	GLASS	1	2
2	SCREEN BACK	ALUMINUM	1	2
3	SCREEN HOLDER	ABS PLASTIC	1	2
4	IPHONE 4 GEN	N/A	1	1
5	PHONE BRACKET	ABS PLASTIC	1	2
6	BALL JOINT BRACKET	ABS PLASTIC	2	2
7	BRACKET LEVER	ABS PLASTIC	1	2
8	LEVER PIN	ZINC PLATED STEEL	1	2
9	THUMB SCREW	ZINC PLATED STEEL	2	2
10	JOINT ROD	ABS PLASTIC	1	2
11	DASH ADAPTER	AIRCRAFT ALUMINUM	1	2
12	DASH SCREW	ZINC PLATED STEEL	2	2
13	MIC PLACEHOLDER	PLACEHOLDER FOR MICROPHONE	1	1
14	3MM THICK LOCK WASHER	ZINC PLATED STEEL	1	1

# ENGINEERING DESIGN



# METRIC

COORDINATES			
POINT	L	W	H
B	3042	750	3775
C	3114	750	3620
D	3700	750	3090
E	3114	750	3580

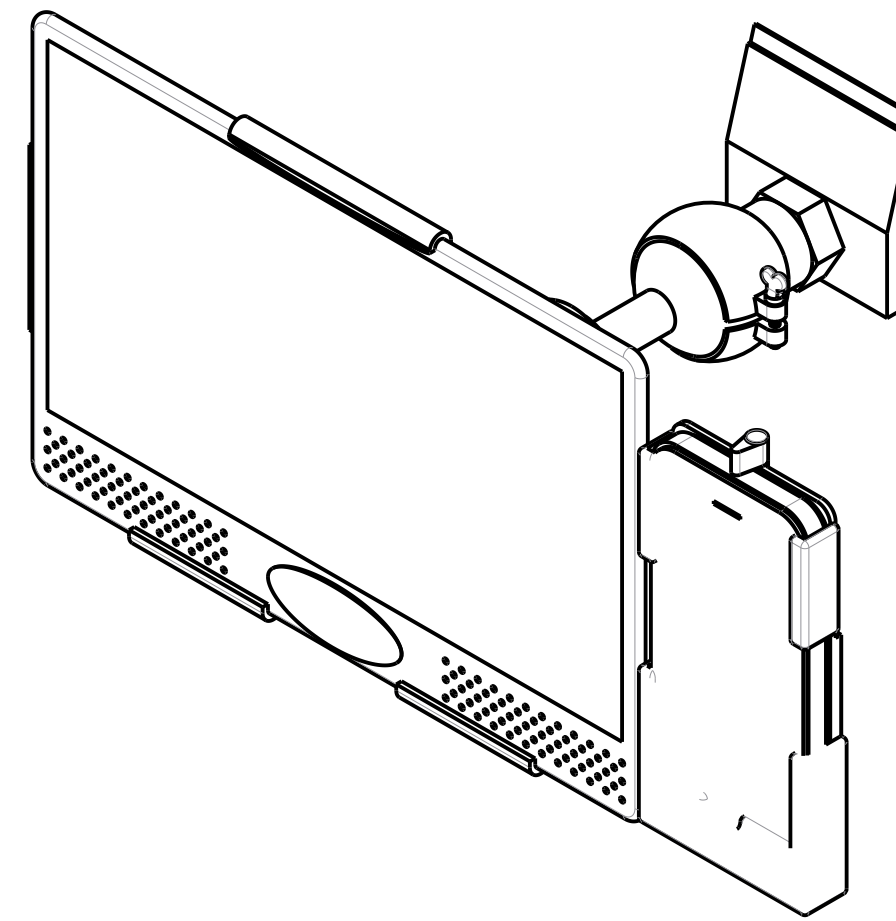
BRIGHTON HIGH SCHOOL  
BRIGHTON, MI

DIMENSIONAL TOLERANCE X = ± .1 XX = ± .05 XXX = ± .005 ANGLES = ± 1°		
DWG:ASBE 2012-2013		
DWG BY: SHELDON WYLIE	HR: 4-5	
DATE: 12-7-12	SCALE: VARIES	1 OF 3

# PARTS LIST

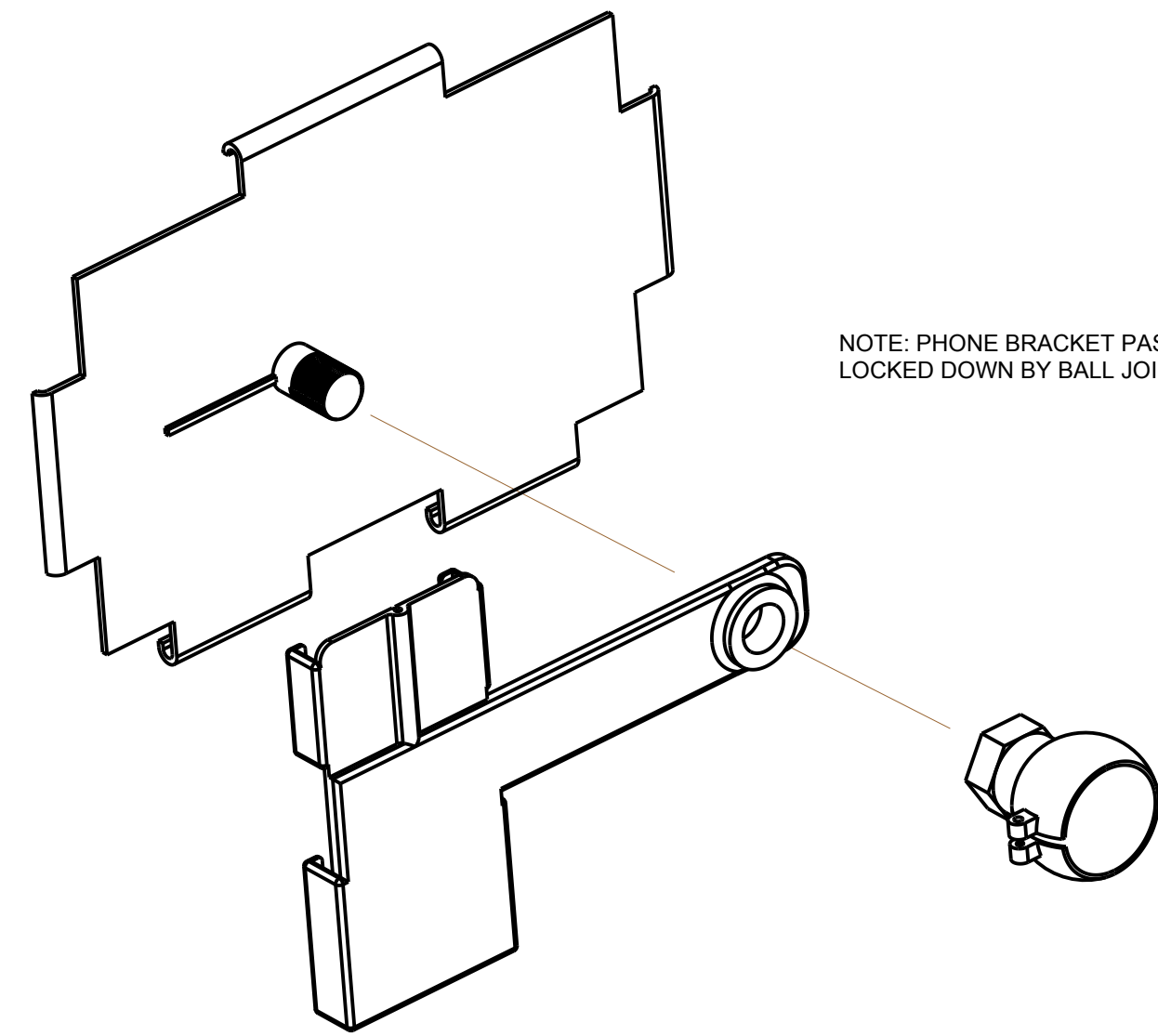
PART #	PART NAME	MATERIAL	QTY	PAGE #
1	SCREEN	GLASS	1	2
2	SCREEN BACK	ALUMINUM	1	2
3	SCREEN HOLDER	ABS PLASTIC	1	2
4	IPHONE 4 GEN	N/A	1	1
5	PHONE BRACKET	ABS PLASTIC	1	2
6	BALL JOINT BRACKET	ABS PLASTIC	2	2
7	BRACKET LEVER	ABS PLASTIC	1	2
8	LEVER PIN	ZINC PLATED STEEL	1	2
9	THUMB SCREW	ZINC PLATED STEEL	2	2
10	JOINT ROD	ABS PLASTIC	1	2
11	DASH ADAPTER	AIRCRAFT ALUMINUM	1	2
12	DASH SCREW	ZINC PLATED STEEL	2	2
13	MIC PLACEHOLDER	PLACEHOLDER FOR MICROPHONE	1	1
14	3MM THICK LOCK WASHER	ZINC PLATED STEEL	1	1

# ENGINEERING DESIGN



ISOMETRIC OF ASSEMBLED BRACKET

SCALE: 0.50=1.00

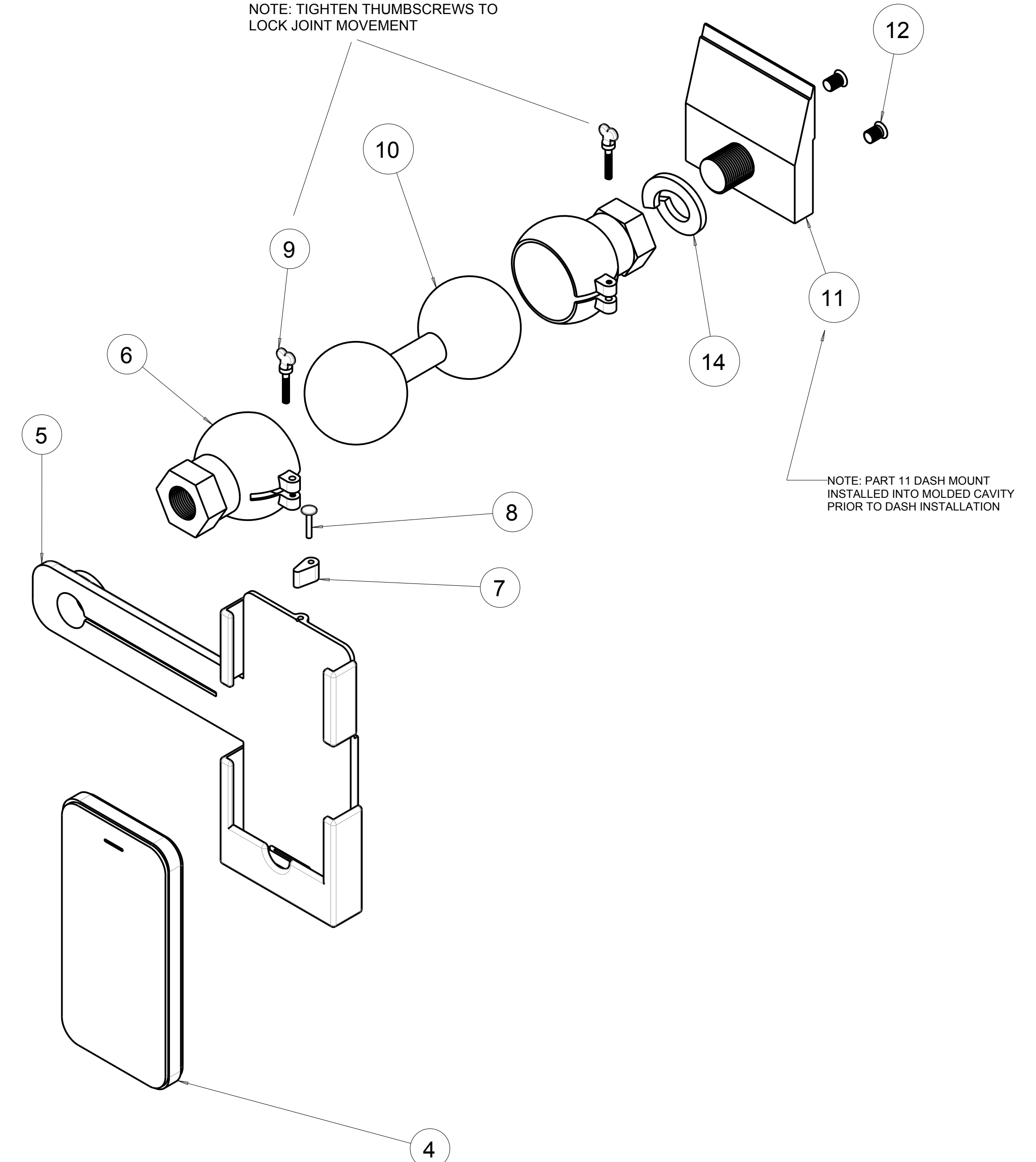


DETAILED VIEW OF PARTS 3, 5, AND 6

SCALE: 0.50=1.00

NOTE: PHONE BRACKET PASSES THROUGH THREADS. LOCKED DOWN BY BALL JOINT BRACKET

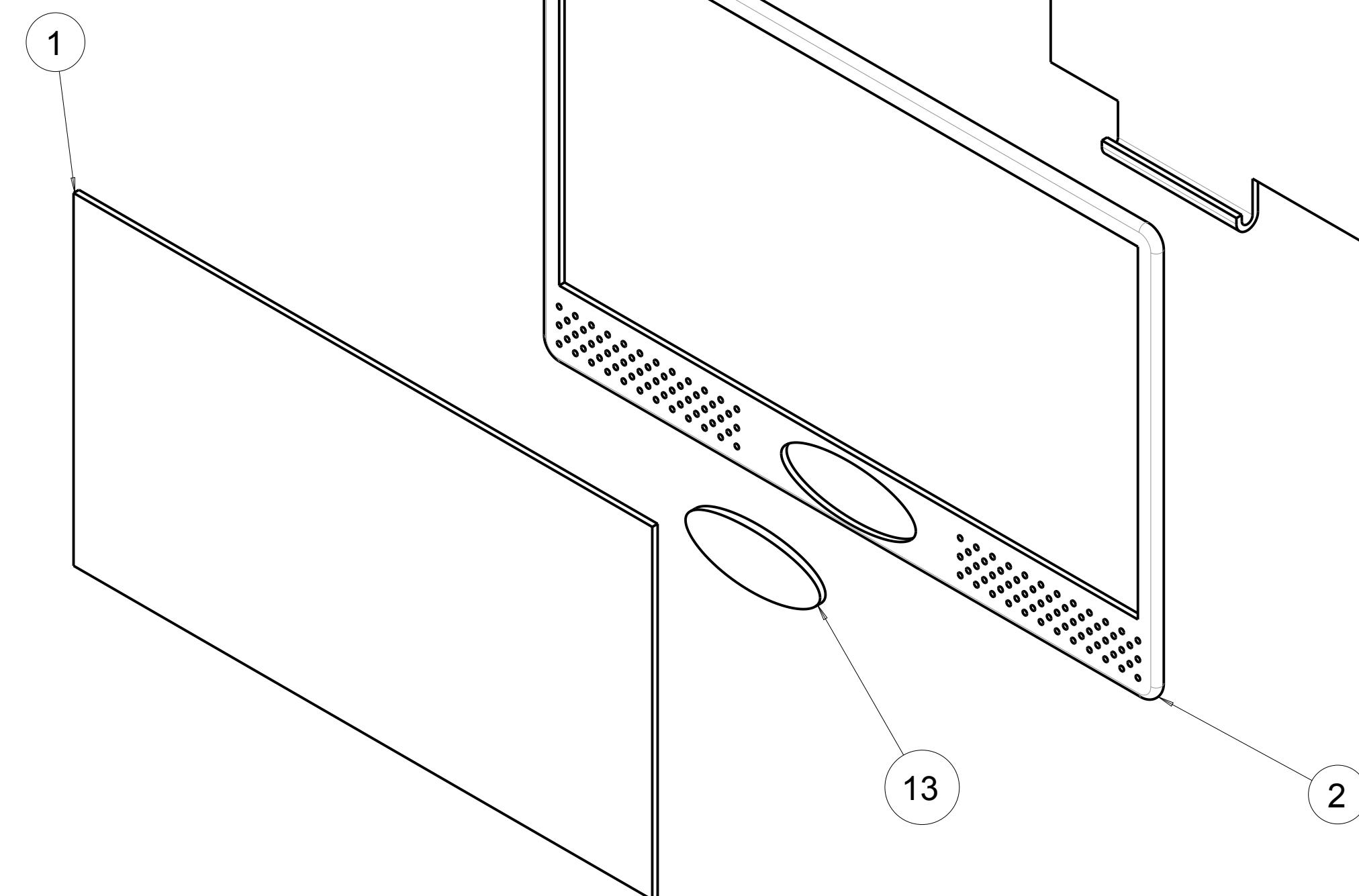
NOTE: TIGHTEN THUMBSCREWS TO LOCK JOINT MOVEMENT



EXPLODED VIEW

SCALE: 0.75=1.00

NOTE: PART 11 DASH MOUNT INSTALLED INTO MOLDED CAVITY PRIOR TO DASH INSTALLATION



METRIC

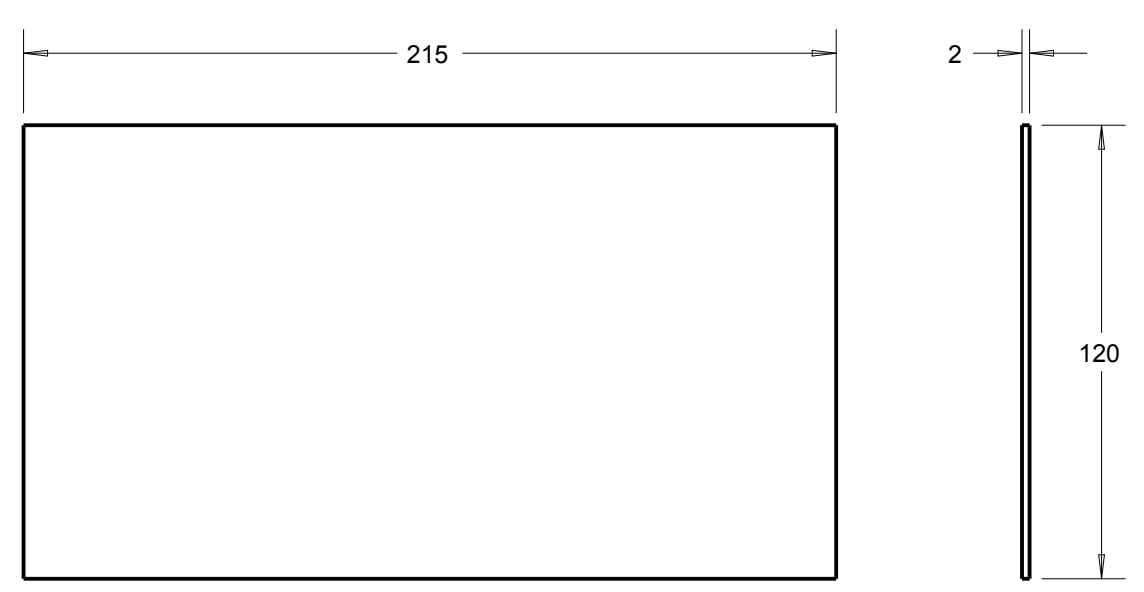
BRIGHTON HIGH SCHOOL BRIGHTON, MI		
DWG:ASBE 2012-2013		
DWG BY: SHELDON WYLLIE	HR: 4-5	
DATE: 12-7-12	SCALE: VARIES	2 OF 3

DIMENSIONAL TOLERANCE  
 X = ± .1  
 XX = ± .05  
 XXX = ± .005  
 ANGLES = ± 1°

# ENGINEERING DESIGN

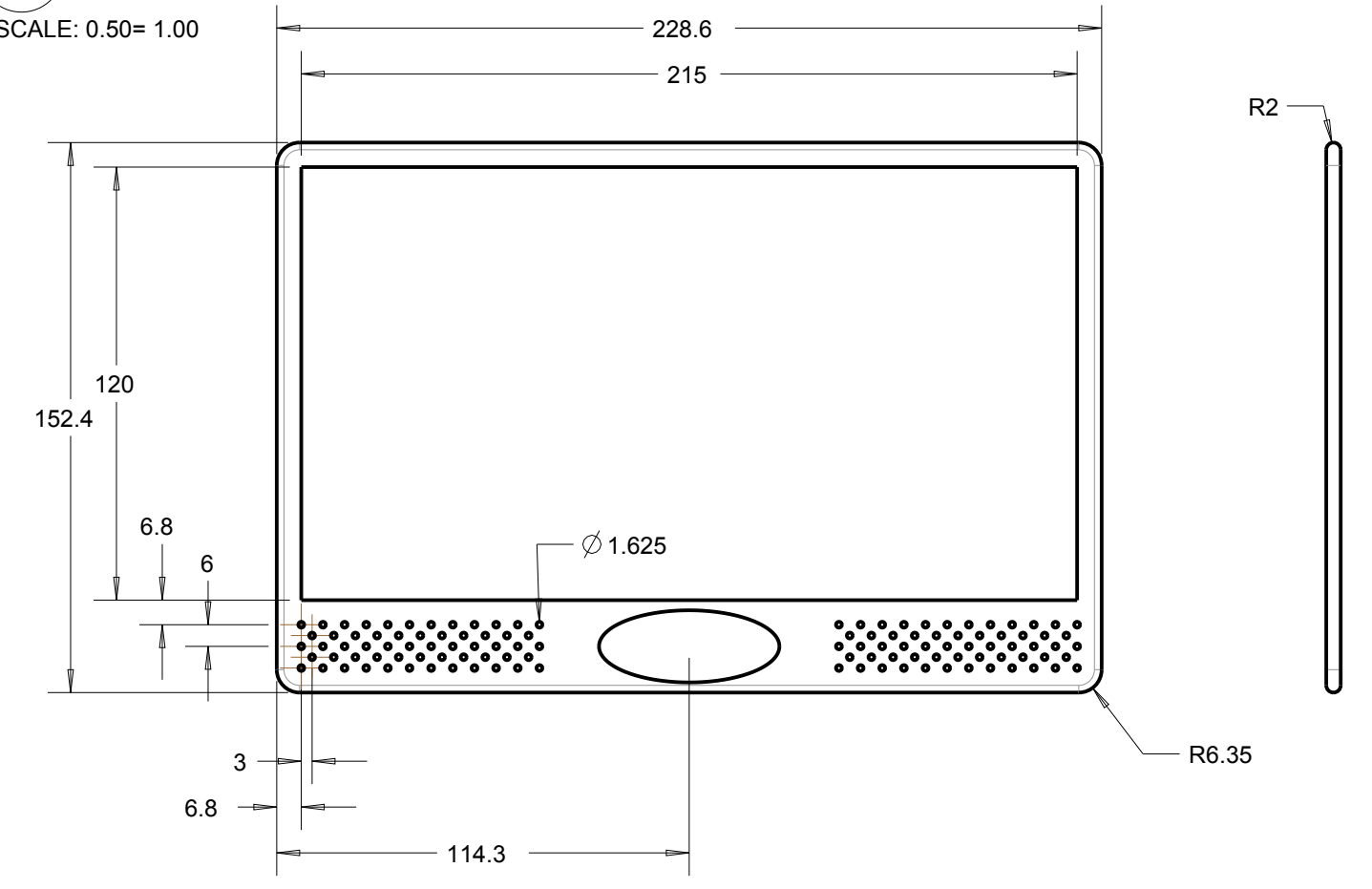
**1 SCREEN**

SCALE: 0.50= 1.00



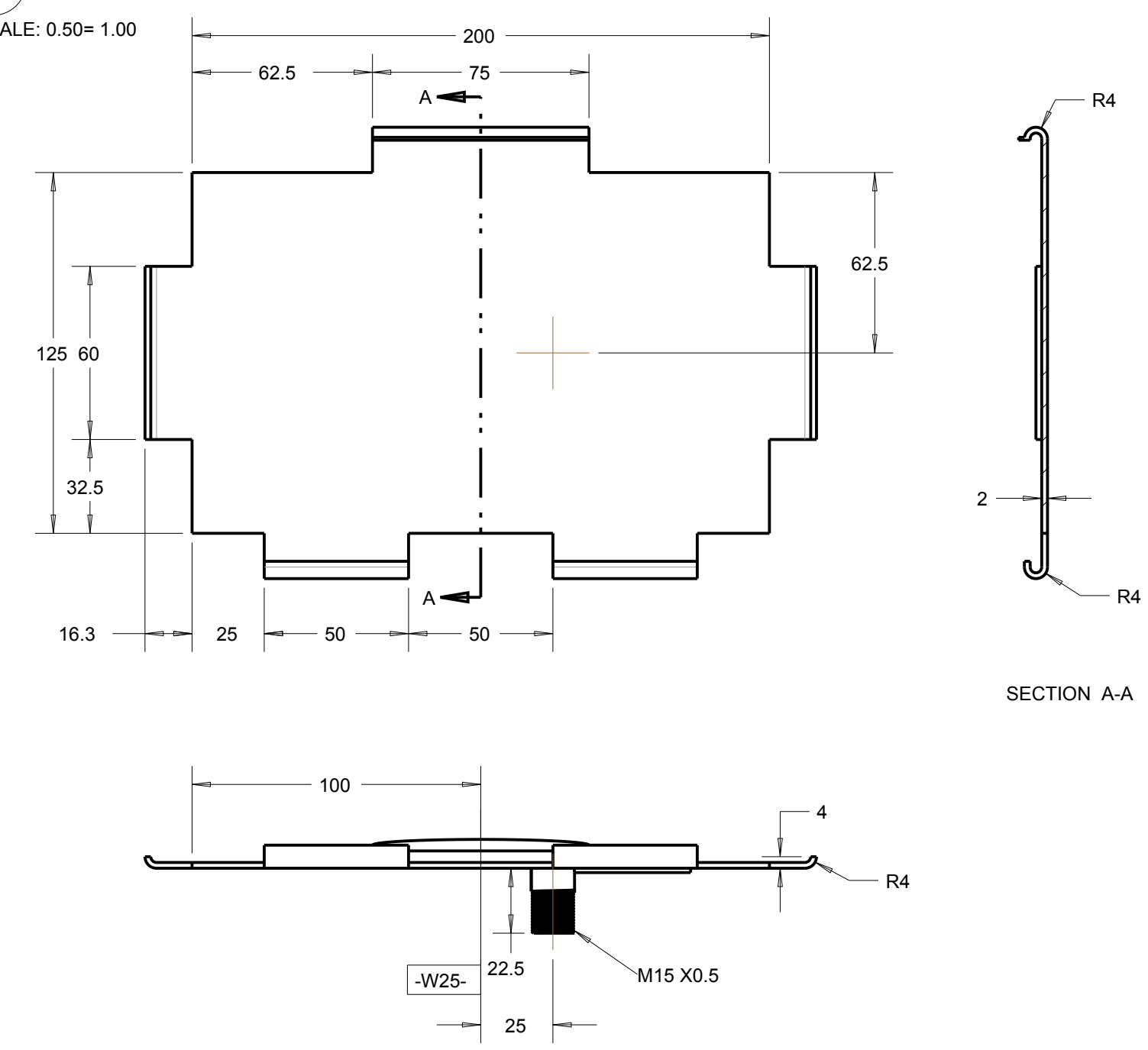
**2 SCREEN BACK**

SCALE: 0.50= 1.00



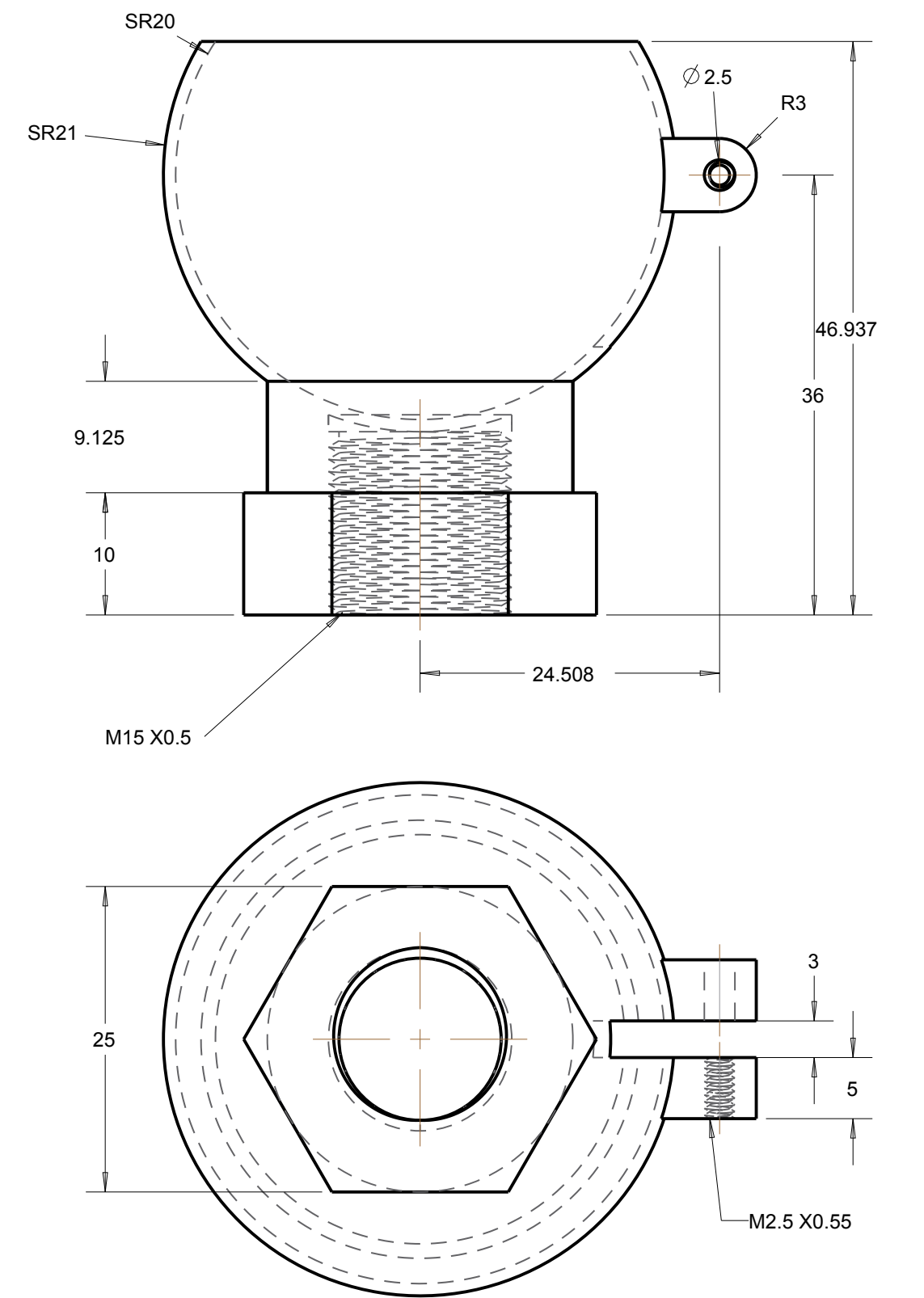
**3 SCREEN HOLDER**

SCALE: 0.50= 1.00



**6 BALL JOINT BRACKET**

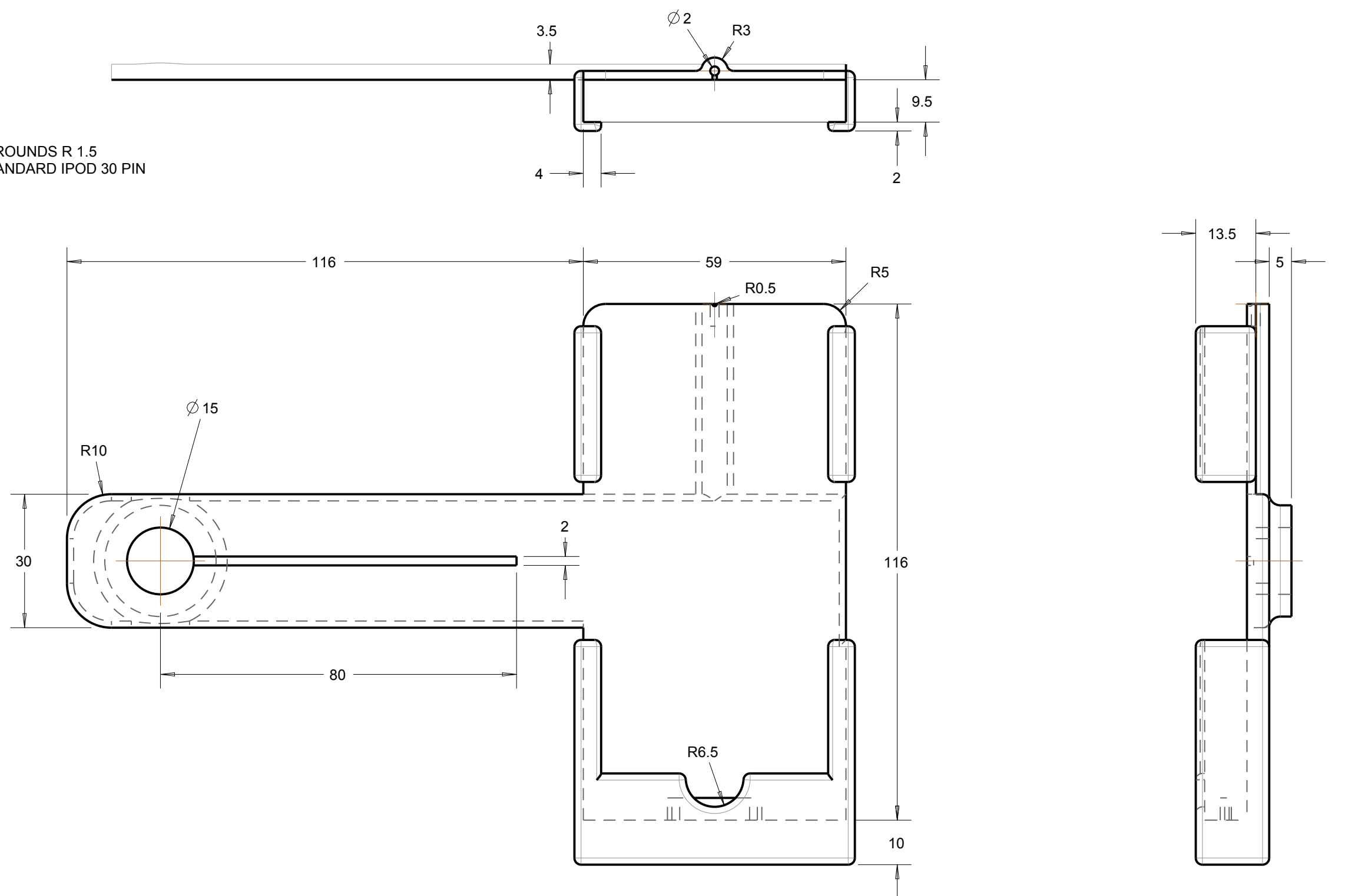
SCALE: 2.00=1.00



**5 BRACKET**

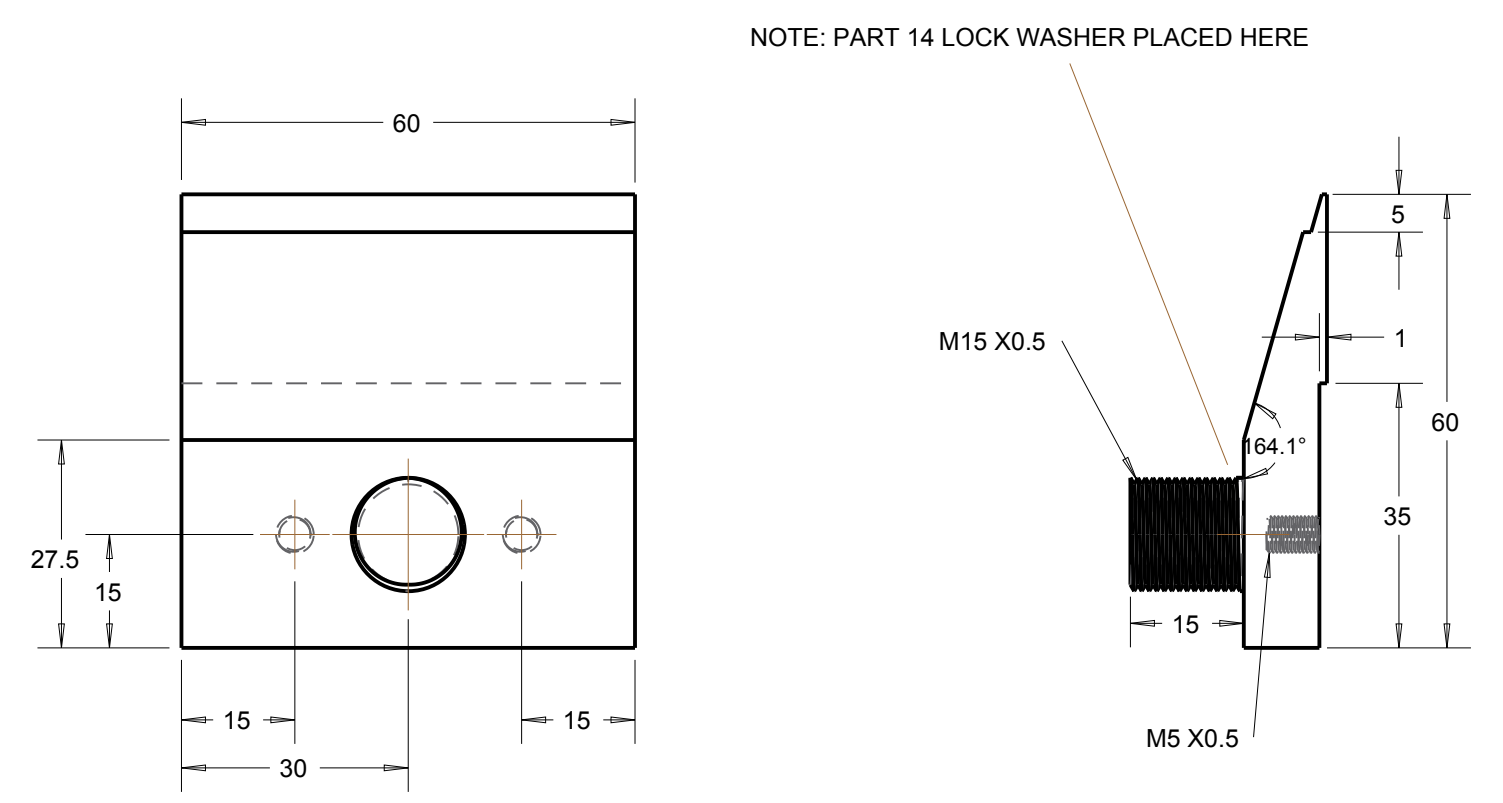
SCALE: FULL

NOTE: ALL OTHER ROUNDS R 1.5  
CONNECTOR IS STANDARD IPOD 30 PIN



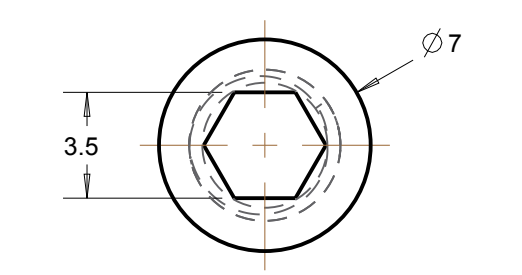
**11 DASH MOUNT**

SCALE: FULL



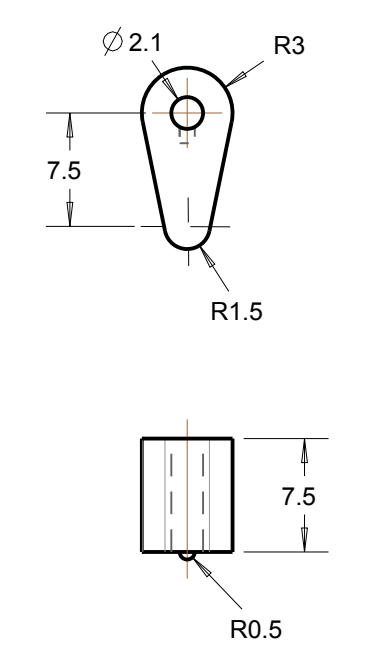
**12 DASH SCREW**

SCALE: 4.00= 1.00



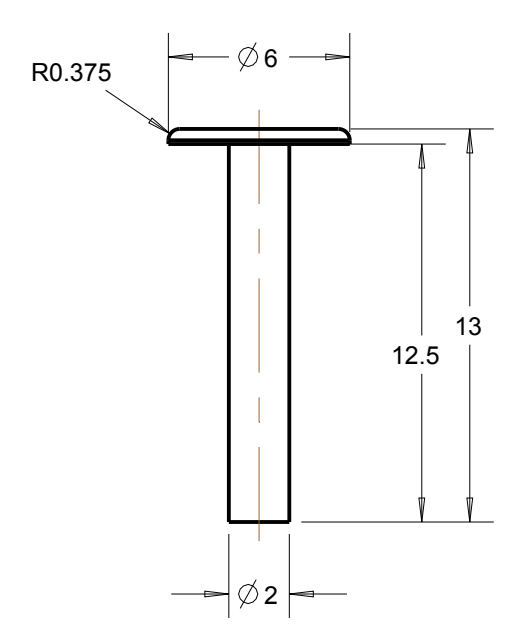
**7 BRACKET LEVER**

SCALE: 2.00= 1.00



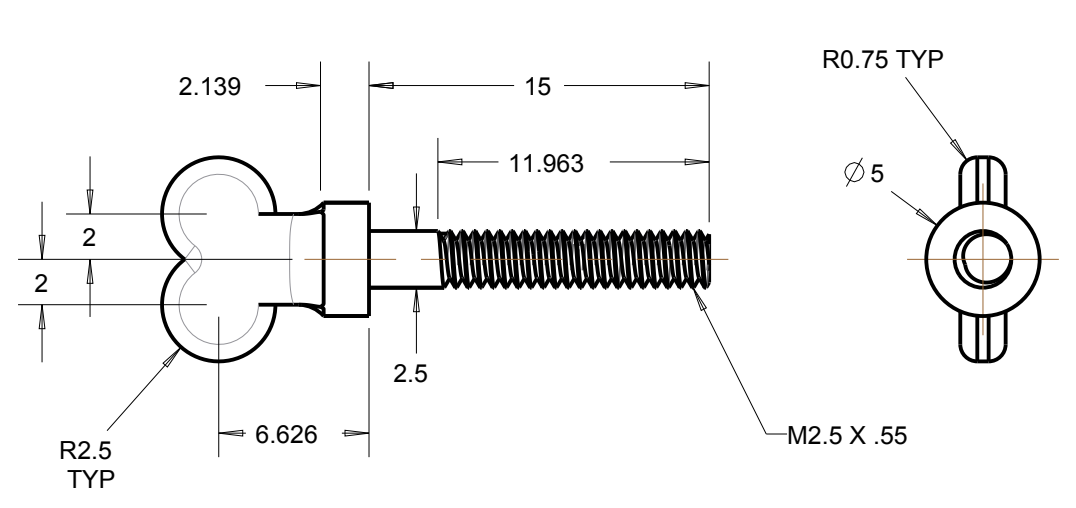
**8 LEVER PIN**

SCALE: 4.00= 1.00



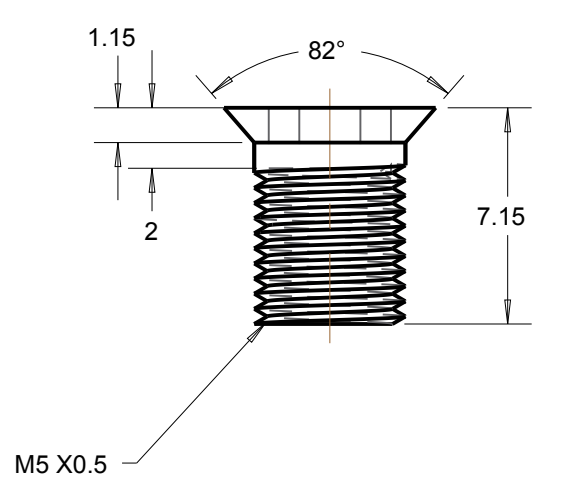
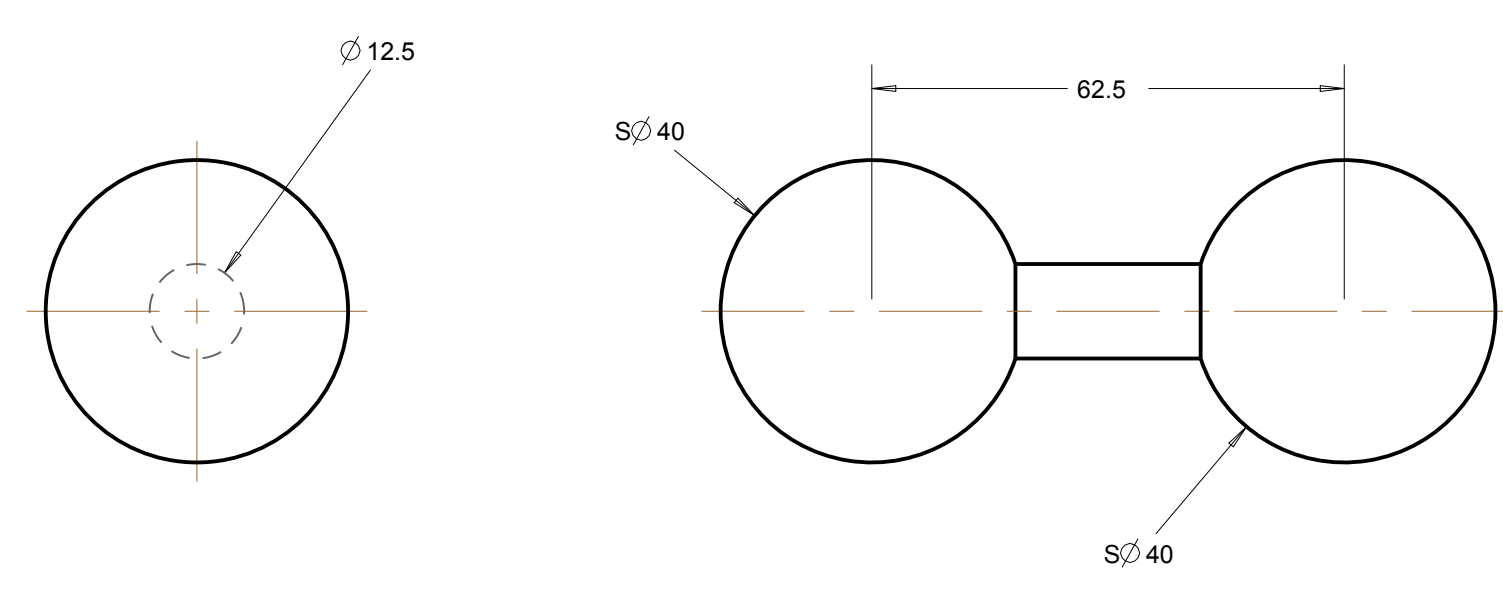
**9 BALL JOINT SCREW**

SCALE: 3.00= 1.00



**10 JOINT ROD**

SCALE: FULL



## METRIC

BRIGHTON HIGH SCHOOL  
BRIGHTON, MI

DIMENSIONAL TOLERANCE X = ± .1 XX = ± .05 XXX = ± .005 ANGLES = ± 1°	DWG:ASBE 2012-2013	HR: 4-5
DWG BY: SHELDON WYLIE	DATE: 12-7-12	SCALE: VARIES
		3 OF 3