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**NEW AGE
ENCLOSURES**

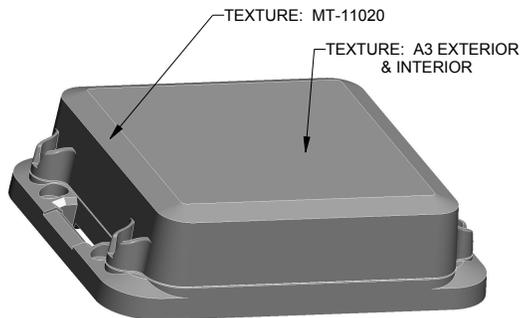
DEVELOP THE FUTURE

20 YEARS
of LEADING BY DESIGN



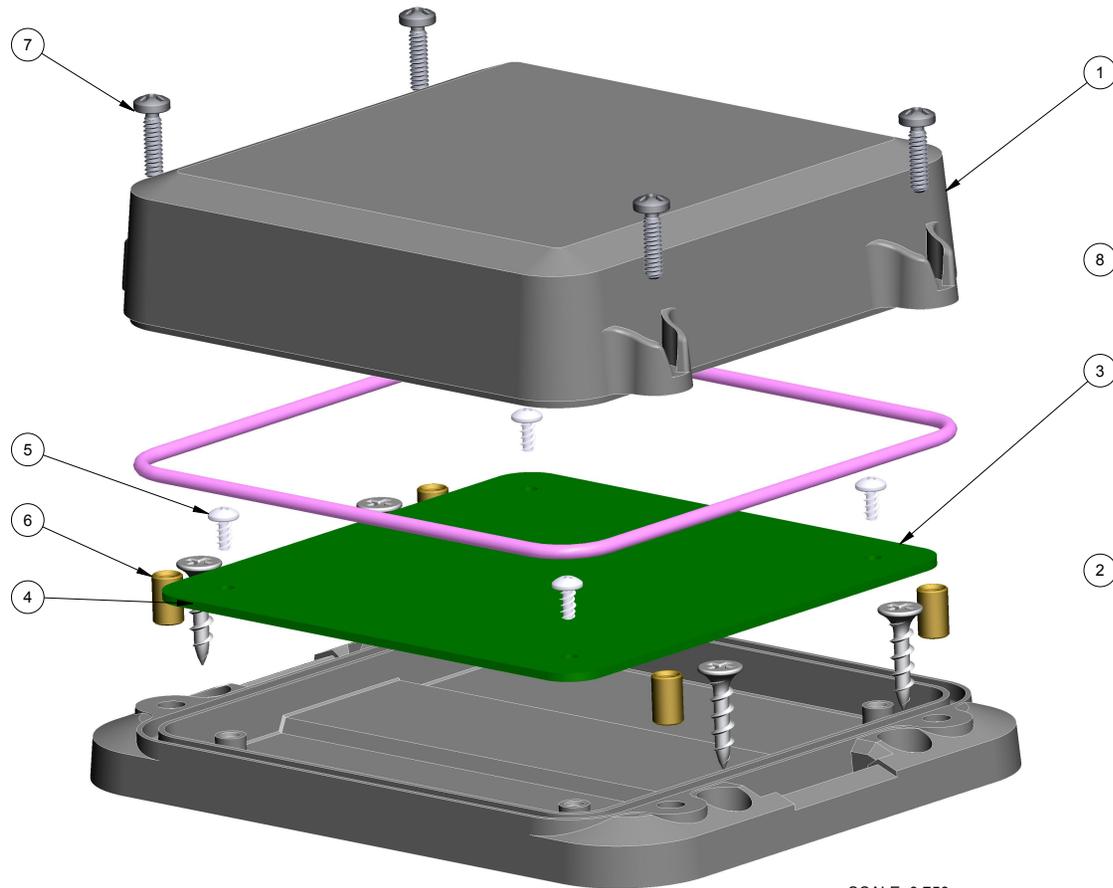
NOTES: UNLESS OTHERWISE SPECIFIED

- CORNERS DRAWN SHARP TO BE R.010 MAXIMUM.
- EXTERIOR SURFACE TEXTURE TO BE MT-11020, UNLESS SPECIFIED OTHERWISE. TEXTURE ON ENCLOSURE WILL VARY FROM TIME TO TIME AS THE TOOL WEARS AND IT BECOMES NECESSARY TO REAPPLY.
- ALL INSIDE RADII .020R. UNLESS OTHERWISE SPECIFIED.
- ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE LARGE END OF THE FEATURE, AND ALL INTERNAL FEATURES AFFECTED BY THE DRAFT APPLY AT THE SMALL END OF THE FEATURE UNLESS OTHERWISE SPECIFIED.
- 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISE SPECIFIED.
- MATERIAL / COLOR: ASA PLASTIC IS STANDARD IN BLACK OR GRAY. SLIGHT COSMETIC SWIRLING, BLUSHING, AND/OR DISCOLORATION CAN OCCUR IN THIS ENCLOSURE DUE TO UV INHIBITORS IN THE RESIN. CUSTOM MATERIALS AND COLORS ARE AVAILABLE UPON REQUEST FOR QUOTE. ALTERNATE RESINS HAVE DIFFERENT SHRINK RATES, AND WILL EFFECT DIMENSIONS.
- PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF EACH CUSTOMER.
- ASSEMBLY SCREWS FOR THE ENCLOSURE INCLUDED. MOUNTING SCREWS FOR THE PCB ARE CUSTOMER SUPPLIED.
- THIS DRAWING IS BASED ON A SOLID MODEL, AND IS FURTHER DEFINED BY THE SOLID MODEL FILE.
- ALLOWABLE FLASH: 0.010 MAX.
- ALL EJECTOR PIN MARKS TO BE WITHIN 0.010" OF FLUSH, PROTRUDING OR BELOW FLUSH.
- TRIM GATE WITHIN 0.030" OF FLUSH.
- THIS ENCLOSURE IS CONSTRUCTED FOR INDOOR OR OUTDOOR USE TO PROVIDE A DEGREE OF PROTECTION TO THE EQUIPMENT INSIDE AGAINST THE INGRESS OF SOLID FOREIGN OBJECTS (FALLING DIRT); AND TO PROVIDE A DEGREE OF PROTECTION WITH RESPECT TO TO HARMFUL EFFECTS ON THE EQUIPMENT DUE TO THE INGRESS OF WATER (DRIPPING OR SPLASHING).



SCALE 0.400

R E V I S I O N					
REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVE
E	M BOYER	PDCL2101	DEVELOPED FROM SXXXXX	2020-Jan-21	D.C.
F	M BOYER		PER REVIEW May 4, 2021	2021-May-04	J.T.
G	M BOYER		PER REVIEW July 20, 2021	2021-Jul-20	J.T.
H	M BOYER		PER REVIEW Jan 10, 2022	2022-Jan-10	



SCALE 0.750

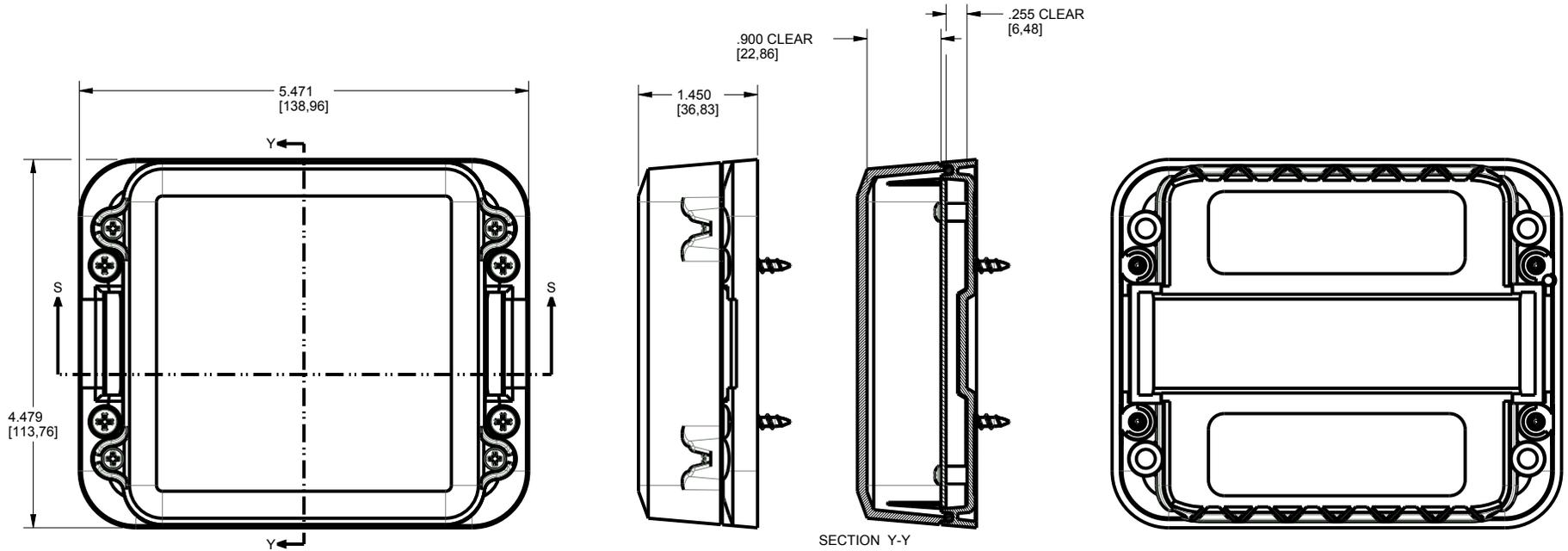
ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.
8	444414_ORING	OR-159 ORING	SHORE 70A	VARIES	1
7	6-32_PHILLIPS_SCREW	6-32 PHILLIPS SCREW x .375"	18-8 STAINLESS	S-MS 6-32.375	4
6	6-32X344_BRASS-INSERT	6-32 BRASS INSERT x .344"	632x344MB	OVER-MOLDED	4
5	SCREW_HILO-N04	#4 HILO SCREW x .250"	ZINC PLATED	CUSTOMER SUPPLIED	4
4	SCREW-DRYWALLX750	DRYWALL SCREW	REFERENCE ONLY	CUSTOMER SUPPLIED	4
3	444414_PCB	444414 PCB - REFERENCE	.062" THICK	CUSTOMER SUPPLIED	1
2	444414_WALL-BASE	444414 WALL BASE - STANDARD	ASA	BLACK or GRAY	1
1	444414_COVER	444414 COVER - STANDARD	ASA	BLACK or GRAY	1

BILL OF MATERIALS

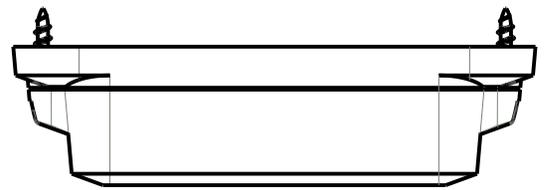
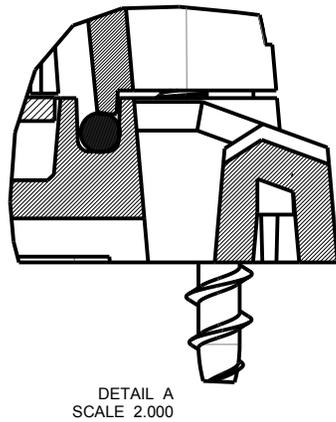
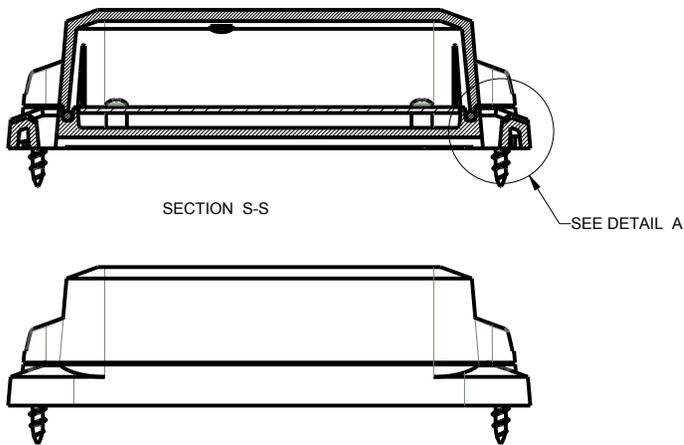
THIRD ANGLE PROJECTION DO NOT SCALE DRAWING	TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXXX = .001 X.XXX = .010 X.X" = 1"	NEW AGE ENCLOSURES 2240 South Thornburg Street Santa Maria, CA. 93455 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com
	Customer's Part No: 444414	
APPROVAL BY DATE CHECK _____ ENG. _____ SCALE AS NOTED	DRAWN BY M BOYER DATE 2021-Apr-12	SIZE A DRAWING NAME 444414_RH SHEET 1 OF 7 REV.DOC H

LARGE OUTDOOR NODE - STANDARD SXL-444414-XXX

444414 ASSEMBLY

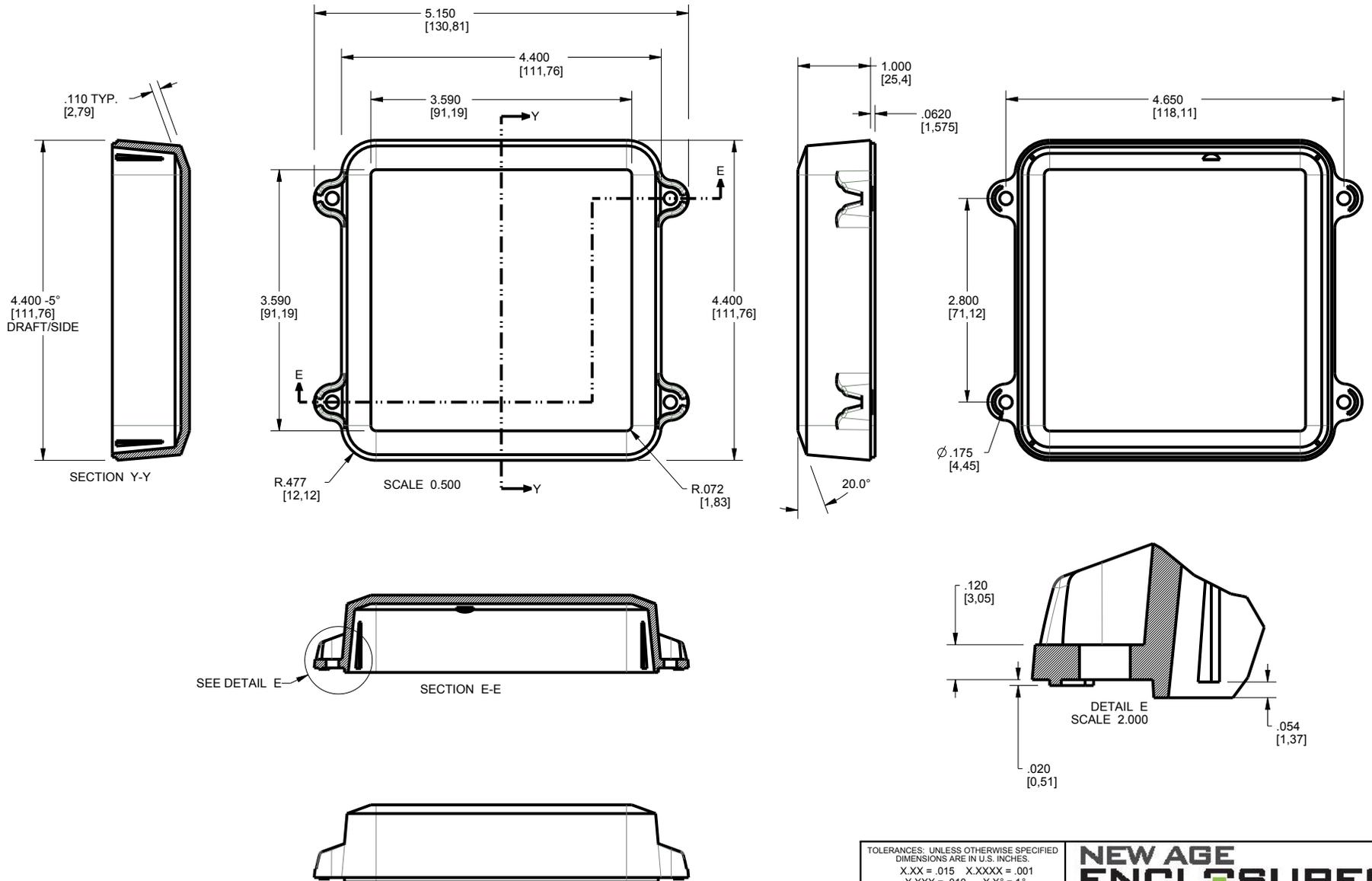


SCALE 0.500



TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.		NEW AGE ENCLOSURES		
X.XX = .015 X.XXXX = .001		2240 South Thornburg Street Santa Maria, CA. 93455		
X.XXX = .010 X.X° = 1°		ph. (805) 595-1310 fax (805) 595-1024		
NEW AGE ENCLOSURES		www.newageenclosures.com		
Customer's Part No: 444414				
APPROVAL	BY	DATE	LARGE OUTDOOR NODE - STANDARD SXL-444414-XXX	
CHECK				
ENG.				
SCALE	AS NOTED			
DRAWN BY	SIZE	DRAWING NAME	SHEET	REV.DOC
M BOYER	2021-Apr-12	A 444414_RH	2 OF 7	H

444414 COVER



TOLERANCES: UNLESS OTHERWISE SPECIFIED
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X.XXX = .010 X.X° = 1°

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APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

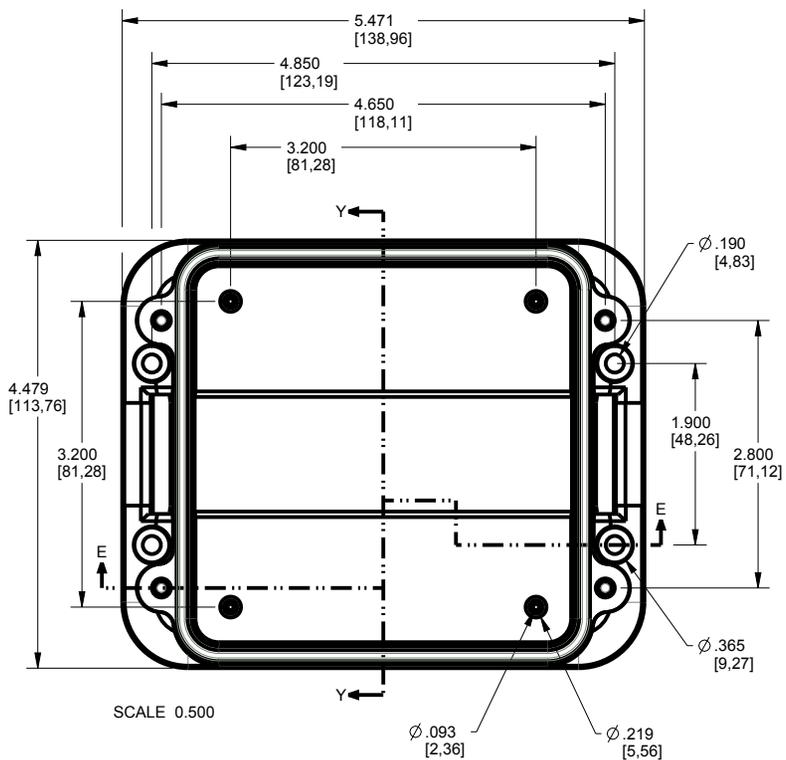
LARGE OUTDOOR NODE - STANDARD
SXL-444414-XXX

DRAWN BY: M BOYER
DATE: 2021-Apr-12

SIZE: A
DRAWING NAME: 444414_RH

SHEET: 3 OF 7
REV.DOC: H

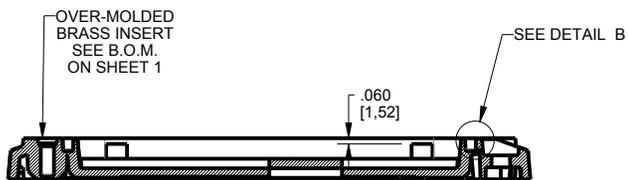
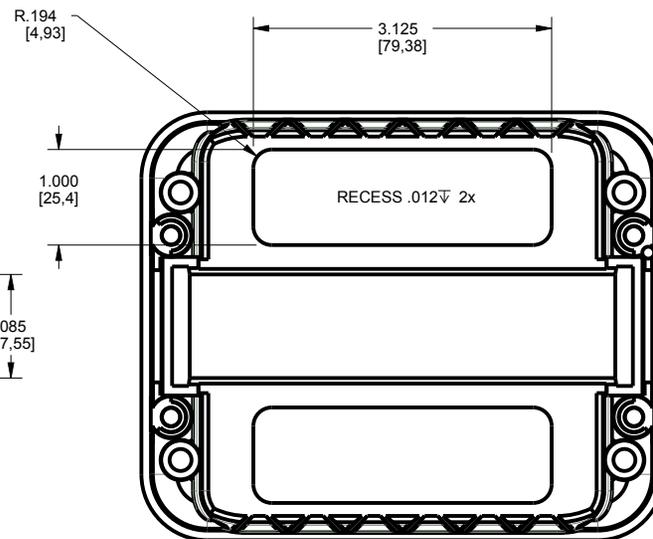
444414 WALL BASE



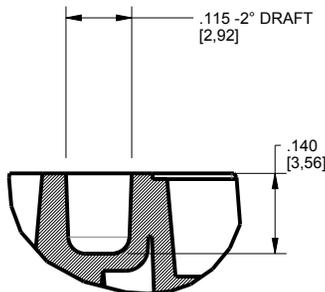
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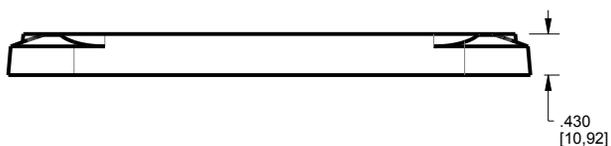
SECTION Y-Y



SECTION E-E



DETAIL B SCALE 3.000



TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES.

X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES
Customer's Part No: 444414

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

NEW AGE ENCLOSURES

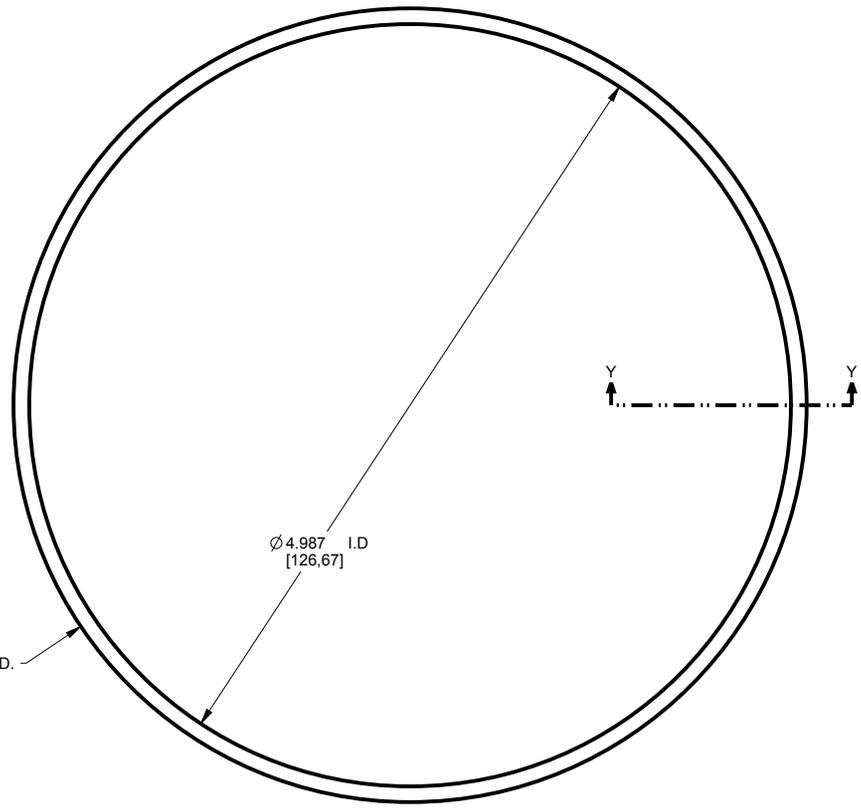
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ph. (805) 595-1310 fax (805) 595-1024
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LARGE OUTDOOR NODE - STANDARD
SXL-444414-XXX

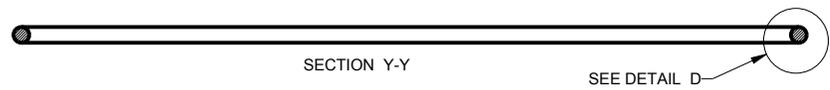
DRAWN BY M BOYER 2021-Apr-12

SIZE A DRAWING NAME 444414_RH

SHEET 4 OF 7 REV.DOC H

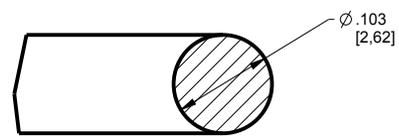


OFF THE SHELF O-RING #159
SCALE 0.800

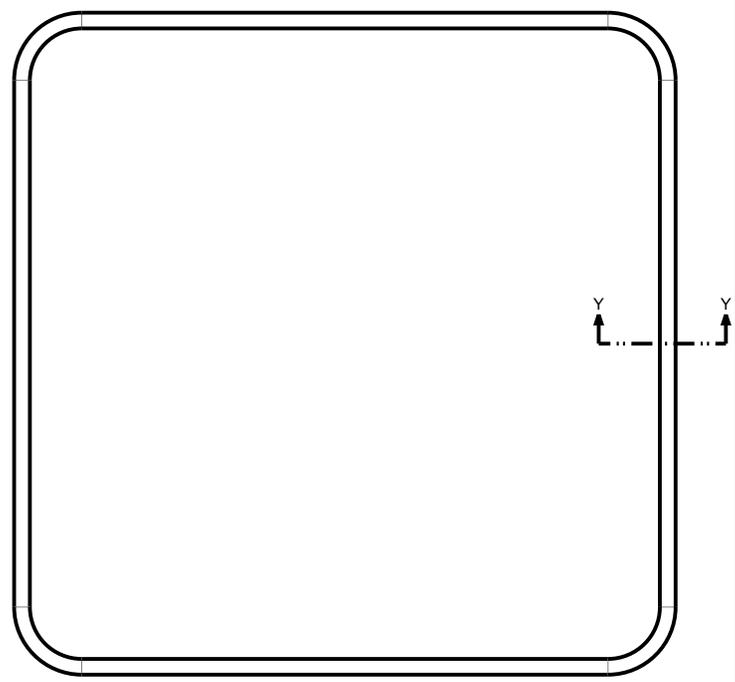


SECTION Y-Y

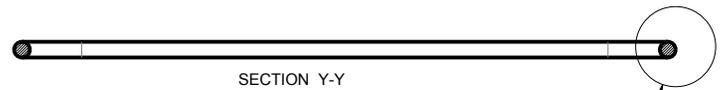
SEE DETAIL D



DETAIL D
SCALE 5.000

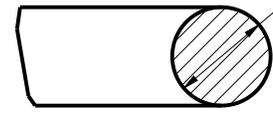


444414 FORMED O-RING
SCALE 0.800



SECTION Y-Y

SEE DETAIL C



DETAIL C
SCALE 5.000

TOLERANCES: UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN U.S. INCHES.
X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 444414

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY
M BOYER 2021-Apr-12

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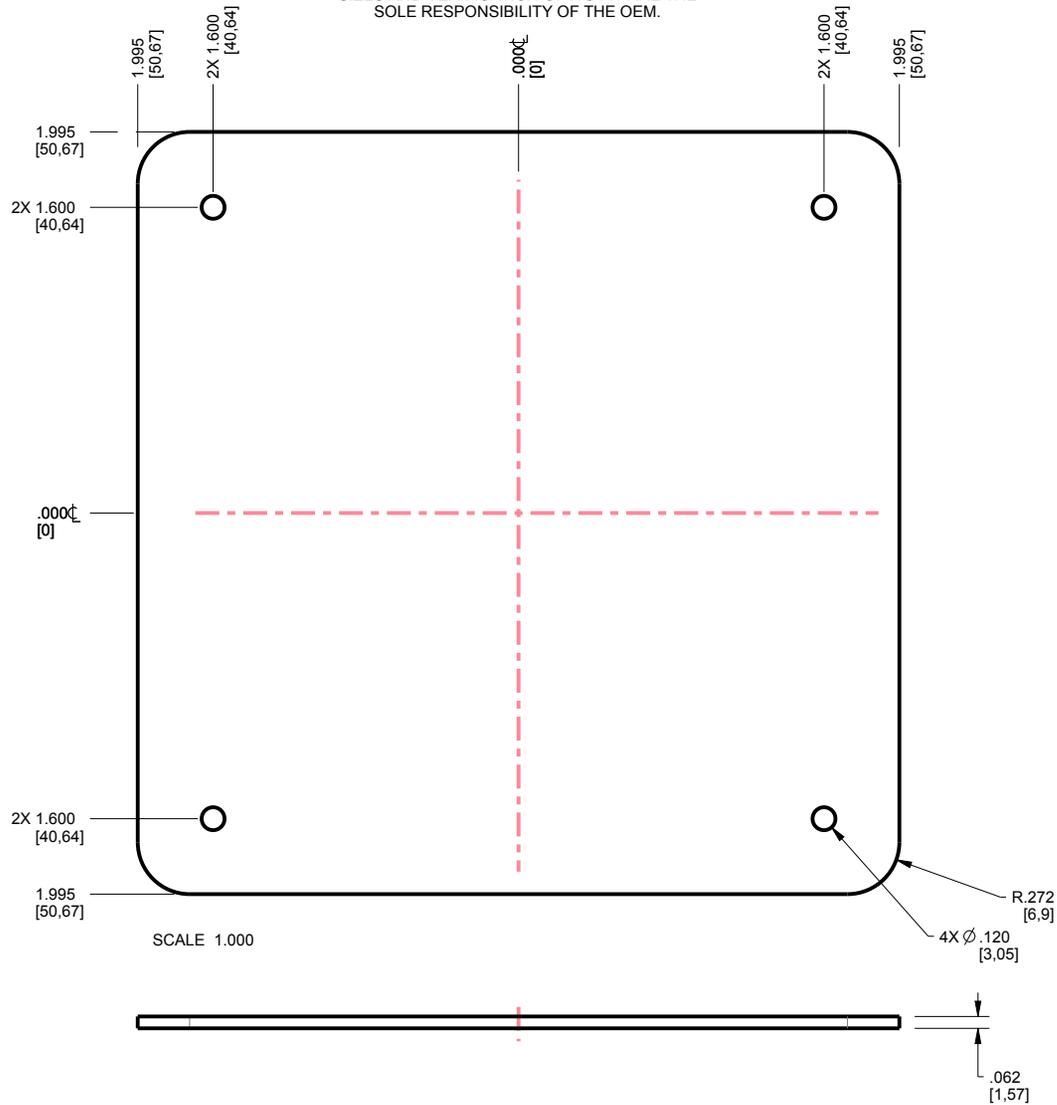
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LARGE OUTDOOR NODE - STANDARD
SXL-444414-XXX

SIZE A	DRAWING NAME 444414_RH	SHEET 5 OF 7	REV.DOC H
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444414 PCB - CUSTOMER SUPPLIED

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF ITS FIT ARE THE SOLE RESPONSIBILITY OF THE OEM.



TOLERANCES: UNLESS OTHERWISE SPECIFIED
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X.XX = .015 X.XXXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 444414

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	

DRAWN BY	2021-Apr-12
M BOYER	

SIZE	DRAWING NAME
A	444414_RH

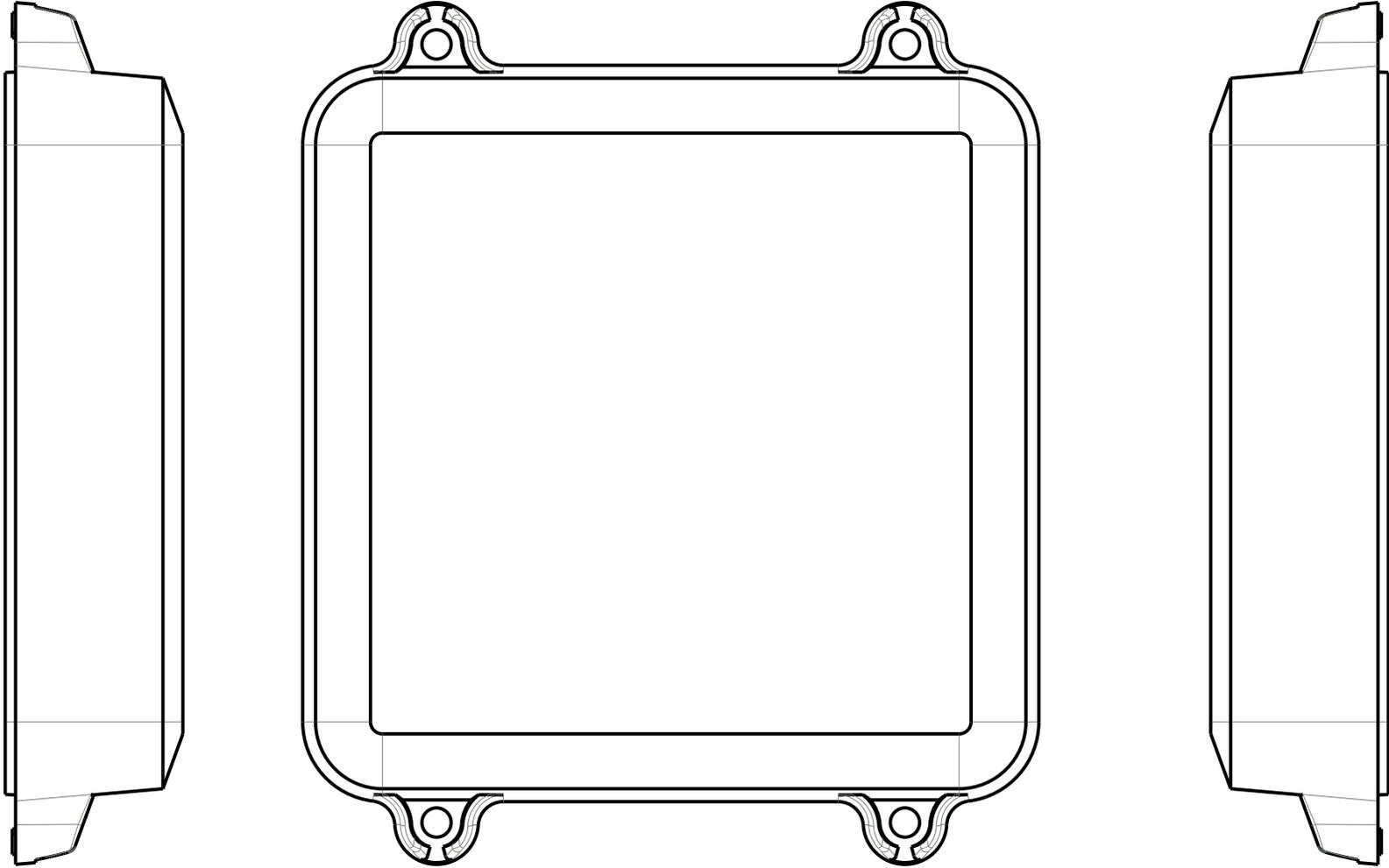
SHEET	REV.DOC
6 OF 7	H

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SXL-444414-XXX

444414 - 2nd OPERATION DETAILS

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 ALL SURFACES AND AREAS ARE AVAILABLE FOR CNC ALTERATION BY NEW AGE ENCLOSURES
 CALL (805) 595-1310 FOR PRICING AND SCHEDULE.
 THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"



444414 COVER
 SCALE 1.000

TOLERANCES: UNLESS OTHERWISE SPECIFIED
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 X.XX = .015 X.XXXX = .001
 X.XXX = .010 X.X° = 1°

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SXL-444414-XXX COVER - ASA, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1-C-C1	-	T2 = .062" EM	-	-	-
2-C-C2	-	T2 = .062" EM	-	-	-

APPROVAL	BY	DATE
CHECK		
ENG.		
SCALE	AS NOTED	
DRAWN BY	2021-Apr-12	
M BOYER		

LARGE OUTDOOR NODE - STANDARD		SHEET	REV.DOC
SXL-444414-XXX		7 OF 7	H
SIZE	DRAWING NAME		
A	444414_RH		