

NOTES:
1. ALL GAS SYSTEM COMPONENTS ARE COMMON WITH THE EXCEPTION OF ITEM 32 (3/8 MNPT PLUG). ITEM 32 IS USED ON 1XL4-R AND 1XL4-Y MANIFOLD.

32 NOTE:1

COMMON SUB
COMPONENTS — YELLOW

GREEN

RED

HIGH PRESSURE ZONE

LOW PRESSURE ZONE

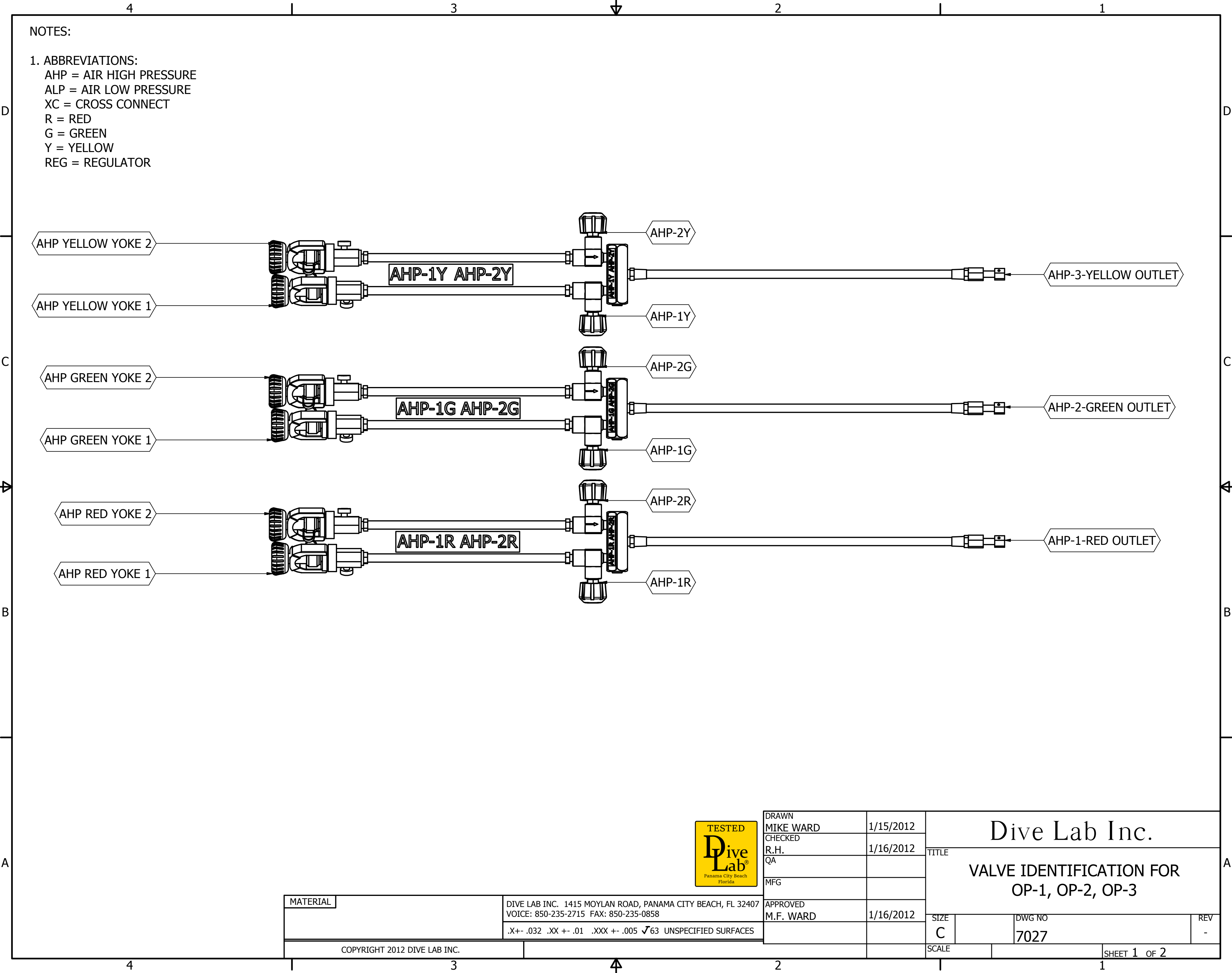
HIGH PRESSURE ZONE

LOW PRESSURE ZONE

32 NOTE:1



SIZE	DRAWING NO.	TITLE	REV
C	7057	GAS SYSTEM PRESSURE ZONES	-
SHEET 1 OF 1			



NOTES:

1. ABBREVIATIONS:

AHP = AIR HIGH PRESSURE

ALP = AIR LOW PRESSURE

XC = CROSS CONNECT

R = RED

G = GREEN

Y = YELLOW

REG = REGULATOR



DRAWN	MIKE WARD	1/15/2012
CHECKED	R.H. QA	1/16/2012
MFG		
APPROVED	M.F. WARD	1/16/2012

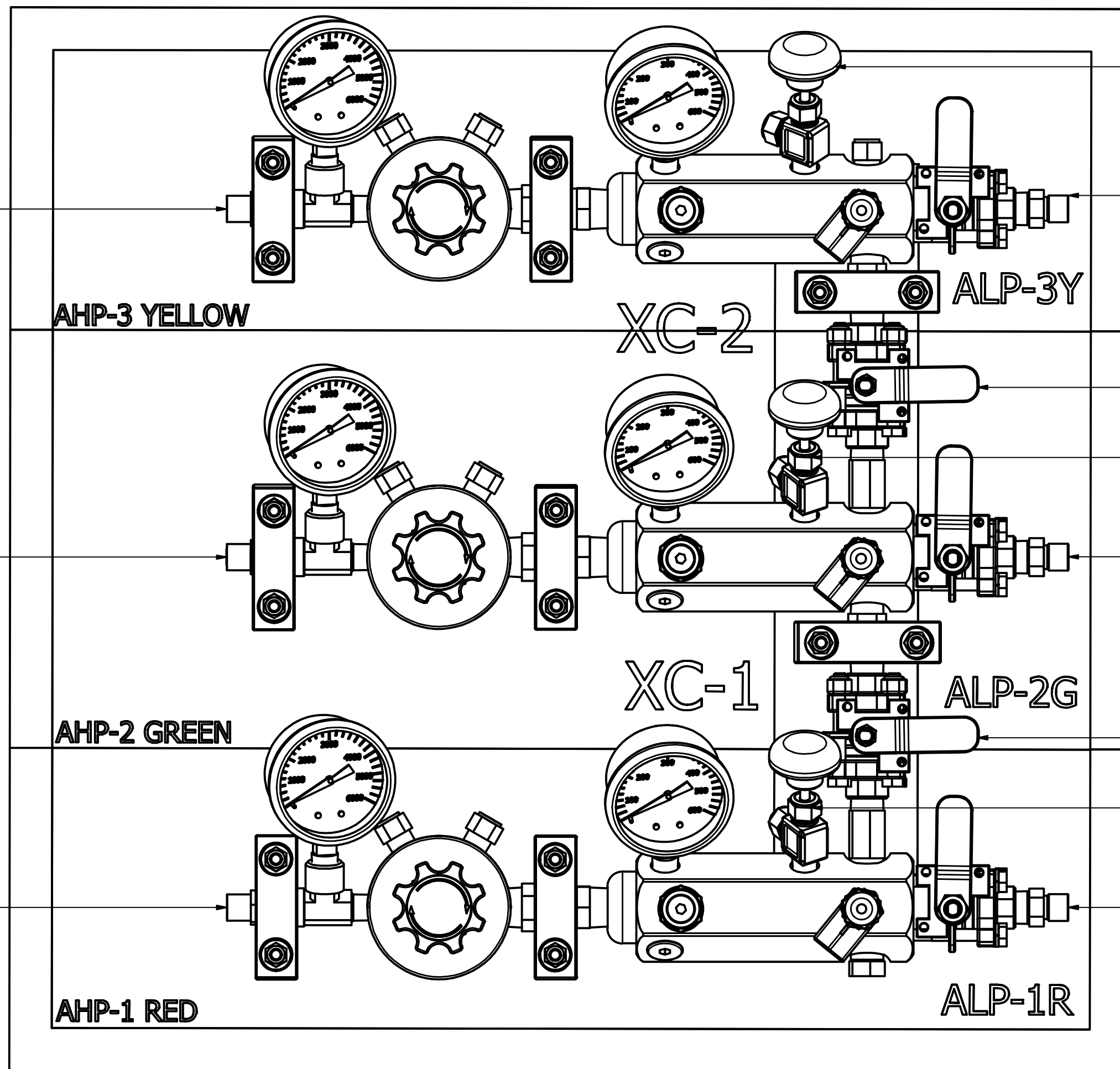
Dive Lab Inc.			
TITLE			
VALVE IDENTIFICATION FOR OP-1, OP-2, OP-3			
SIZE	C	DWG NO	7027
SCALE			REV -
SHEET 1		OF 2	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	

NOTES:

1. ABBREVIATIONS:

AHP = AIR HIGH PRESSURE
ALP = AIR LOW PRESSURE
XC = CROSS CONNECT
R = RED
G = GREEN
Y = YELLOW
REG = REGULATOR



AIR HIGH PRESSURE YELLOW (HP REG 3)

YELLOW ALP-6 (PNEUMO)

AIR LOW PRESSURE-3 YELLOW (ALP-3Y)

AHP-3 YELLOW

XC-2

ALP-3Y

CROSS CONNECT-2 (XC-2)

GREEN ALP-5 (PNEUMO)

AIR HIGH PRESUURE GREEN (HP REG 2)

AIR LOW PRESSURE-2 GREEN (ALP-2G)

AHP-2 GREEN

XC-1

ALP-2G

CROSS CONNECT-1 (XC-1)

RED ALP-4 (PNEUMO)

AIR HIGH PRESSURE RED (HP REG 1)

AIR LOW PRESSURE-1 RED (ALP-1R)

AHP-1 RED

ALP-1R



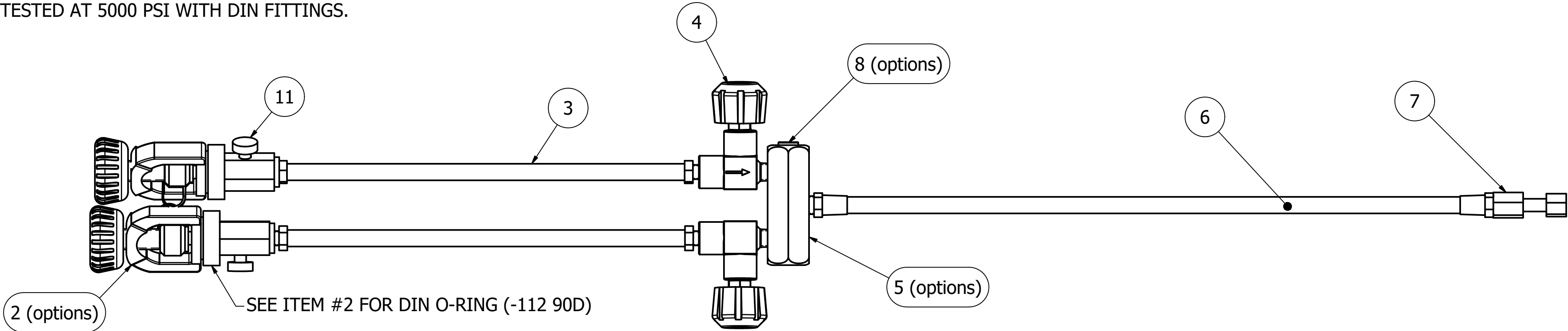
DRAWN	MIKE WARD	1/15/2012
CHECKED	R.H. QA	1/16/2012
MFG		
APPROVED	M.F. WARD	1/16/2012

Dive Lab Inc.			
TITLE			
VALVE IDENTIFICATION FOR OP-1, OP-2, OP-3			
SIZE	C	DWG NO	7027
SCALE			
SHEET 2		OF 2	

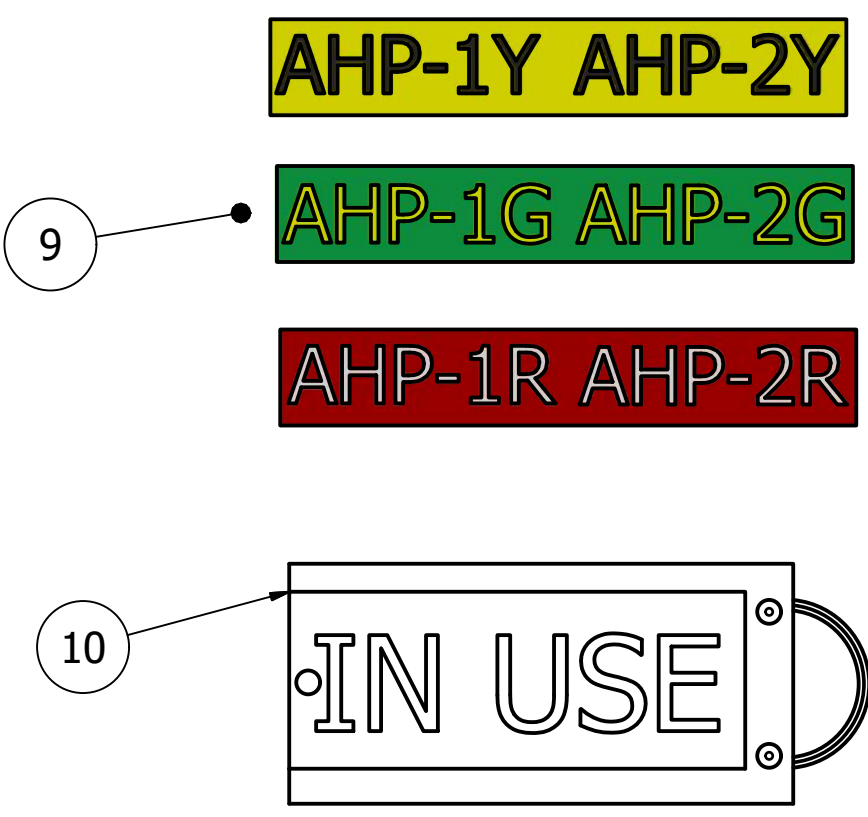
MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

COPYRIGHT 2012 DIVE LAB INC.

1. OPTIONS AVAILABLE. SEE TABLE TO DETERMINE CORRECT PART FOR YOUR SYSTEM
2. NEW HOSES ARE PROOF TESTED TO 7500 PSI. COMPLETE ASSEMBLY LEAK TESTED AT 5000 PSI WITH DIN FITTINGS.



-	3XL29E 3XL29F	A YOKE & DIN YOKE BLEED KNOB (FOR XS SCUBA YOKES) A YOKE BLEED KNOB (FOR SHERWOOD A YOKES)	11
1	3XL43	IN USE TAG COMPLETE	10
-	3XL42	IN USE TAG PLATE (ABS PLASTIC)	
-	3XL41	DECAL, IN USE	
1ea	3XL40R 3XL40G 3XL40Y	DECAL, AHP-1 RED DECAL,AHP-2 GREEN DECAL,AHP-3 YELLOW	9
1	3XL15	PLUG HIGH PRESSURE 7/16-20 UNF	8
1	0XL01290	-012 O-RING 90 DUROMETER (PN#0XL01290) (OPTIONAL 1/4" MNPT PLUG 1XL15B)	
-			
1	3XL100	FITTING, .25 MNPT - 9/16-18 UNF ZCO	7
1	3XL87	HIGH PRESSURE WHIP,S.S. BRAIDED 72" 1/4 MNPT x VCO 9/16-18 UNF	6
1	3XL25	HIGH PRESSURE JUNCTION BLOCK, 1/4" FNPT, 7/16-20 UNF ST O-RING PORT (STANDARD)	5
	3XL25-2	HIGH PRESSURE JUNCTION BLOCK, DOUBLE PORT 1/4" MNPT	
	3XL25-1	HIGH PRESSURE JUNCTION BLOCK, DOUBLE PORT 1/2-20 UNF	
2	3XL89-1 (THERMO) 3XL89 (SHERWOOD)	THERMO VALVE, 1/4 MNPT, (REPAIR KIT 3XL89-1-RK) (OBSOLETE) SHERWOOD VALVE, (REPAIR KIT 3XL89-RK)	4
2	3XL26	HIGH PRESSURE WHIP,S.S. BRAIDED 12" 1/4 MNPT X VCO 9/16-18	3
2	3XL29D	DIN-YOKE ADAPTER MAX PRESSURE 4350 PSIG (STANDARD) - DIN-YOKE O-RING -112 90D (PN# 0XL11290)	2
	3XL29	A YOKE 3500 PSIG (OPTIONAL)	
	3XL90	DUST CAP (FITS DIN & A YOKE)	
-	1XL00 R,G,Y	HIGH PRESSURE, SINGLE LEG ASSEMBLY R,G,Y	1
QTY.	DIVE LAB PART NO.	DESCRIPTION	ITEM NO
HIGH PRESSURE ASSEMBLY (SINGLE LEG R,G,Y) 1XL00			



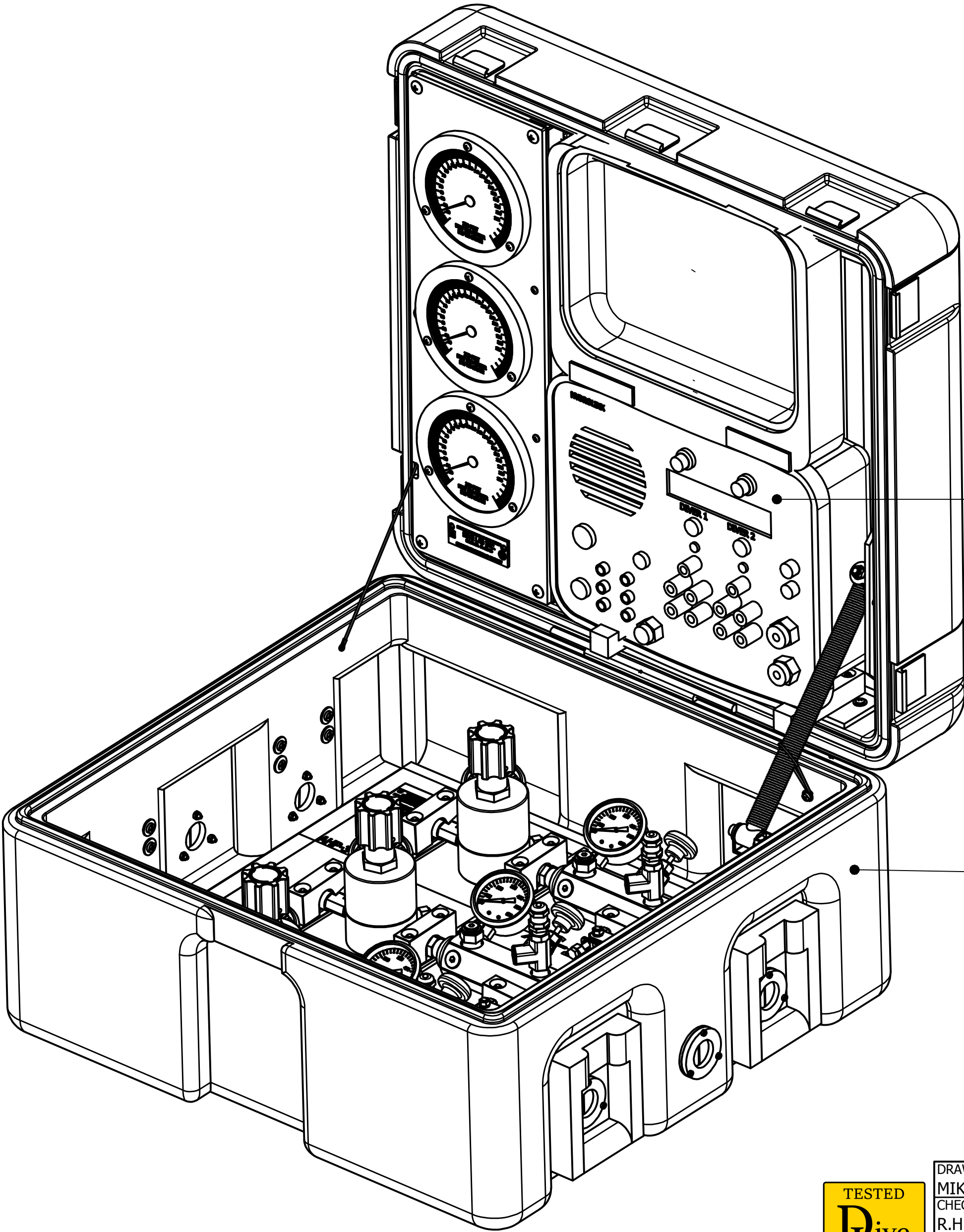
DRAWN	6/14/2007
M.S. WARD	
CHECKED	
R.H.	1/12/2012
QA	
MFG	
APPROVED	
M.F. WARD	1/12/2012

Dive Lab Inc.			
HIGH PRESSURE ASSEMBLY			
SIZE	DWG NO	REV	
C	7009	5/5/2021	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	

NOTES:
1. PRE ASSEMBLY REQ. IAW DIVE LAB QA MANUAL, DOCUMENT (XLDSPROOF22111 1B MW), MANUFACTURING REQUIREMENTS DWG# 7737

1XL31A	HYDROLINX COMM BOX (3DIVER)	2
1XL00	3 DIVER CONSOLE	1
DIVE LAB PART	DESCRIPTION	ITEM
XLDS RDC-3 CONSOLE		



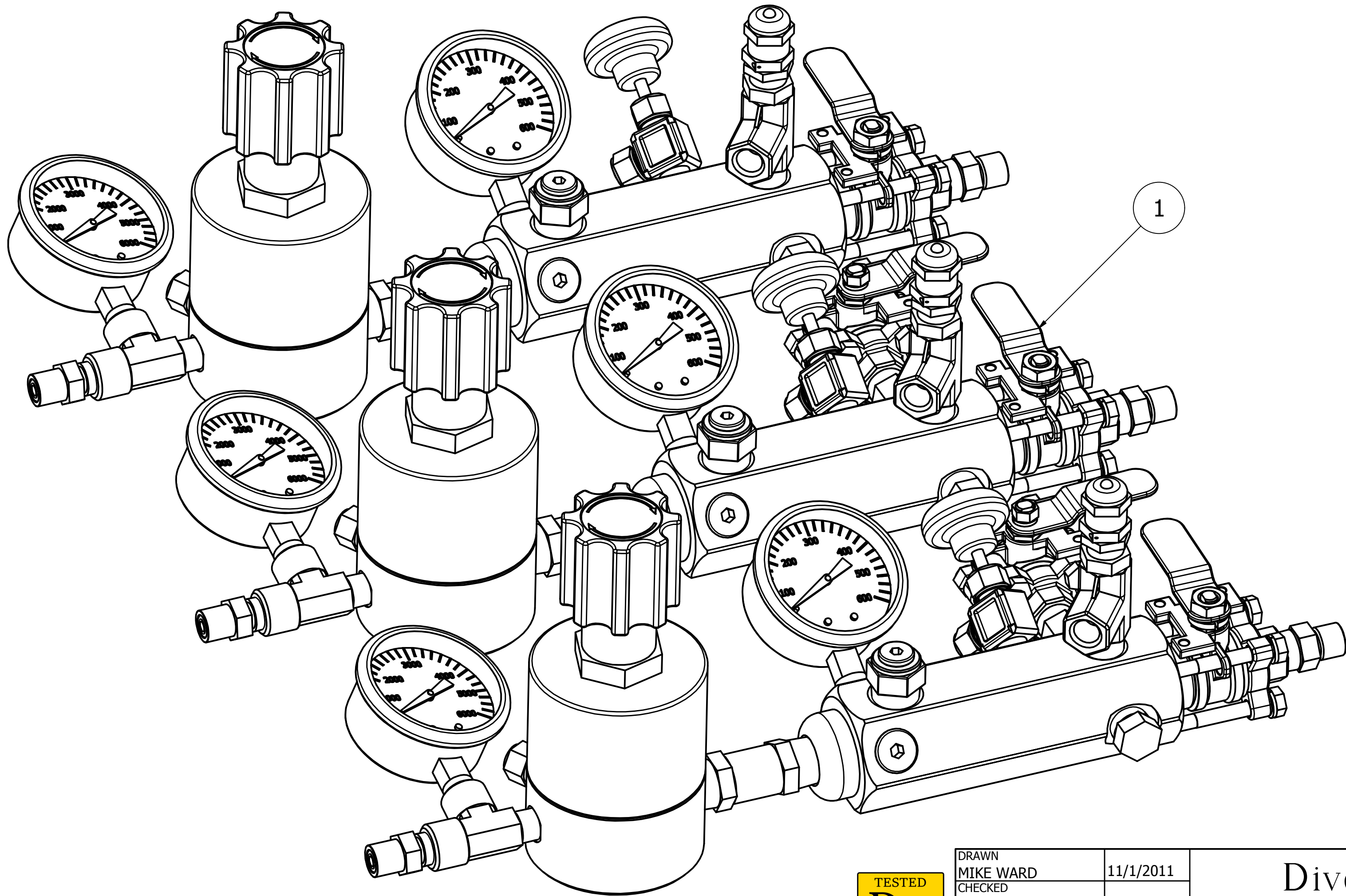
MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN MIKE WARD	11/10/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE CONSOLE XLDS-RDC-3D			
SIZE C	DWG NO 7008		REV -
SCALE		SHEET 1 OF 1	

NOTES:
1. PRE ASSEMBLY REQ. IAW DIVE LAB QA MANUAL, DOCUMENT
(XLDSPROOF22111 1B MW), MANUFACTURING REQUIREMENTS DWG# 7737

1XL00A	3 DIVER GAS SYSTEM ASSEMBLY	1
DIVE LAB PART NO.	DESCRIPTION	ITEM
3 DIVER GAS SYSTEM ASSEMBLY		

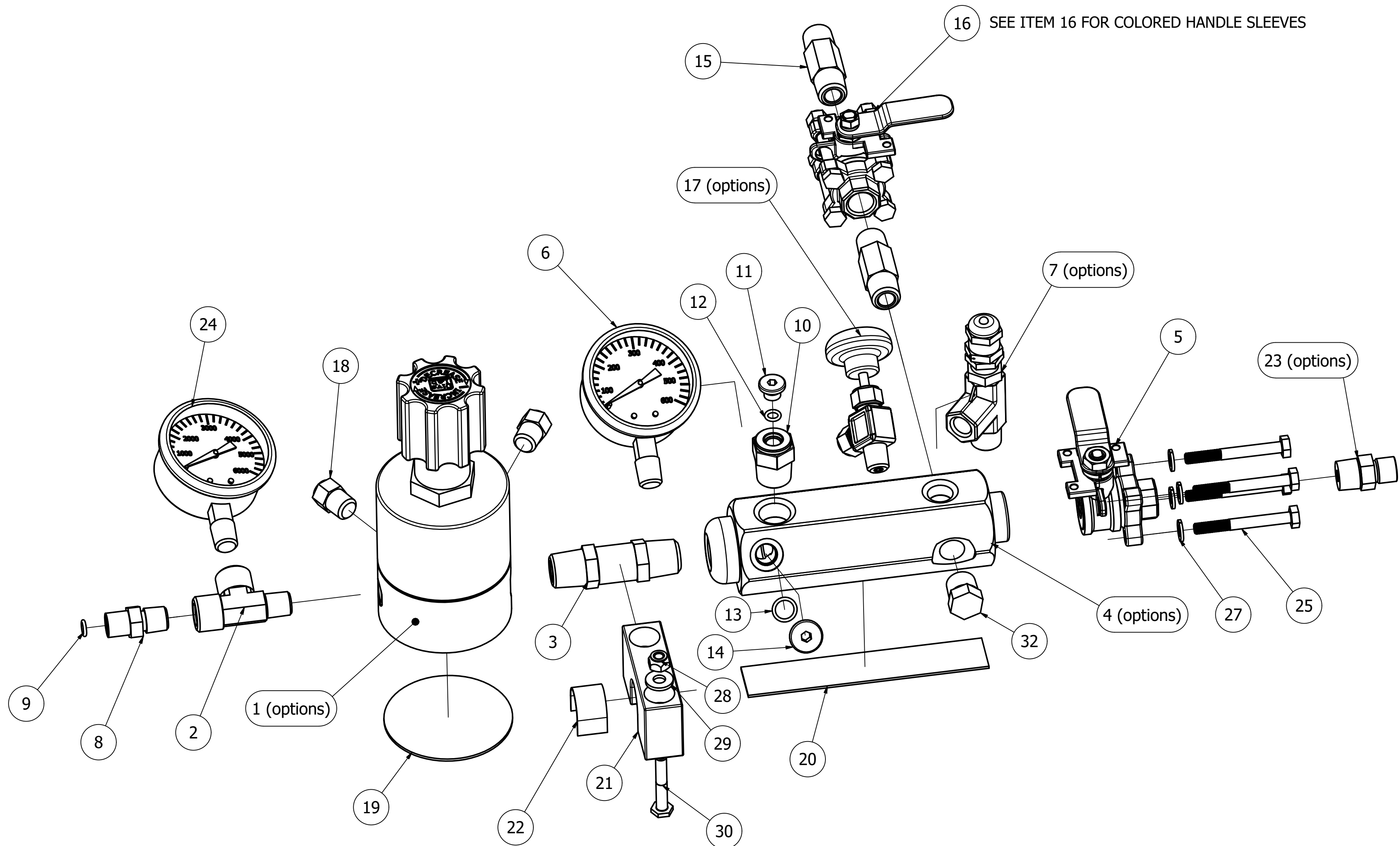


MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN MIKE WARD	11/1/2011
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
3 DIVER GAS SYSTEM ASSEMBLY			
SIZE C	DWG NO 7011	REV -	
SCALE	SHEET 1 OF 1		

NOTES:
1. RED, GREEN AND YELLOW GAS SYSTEM LEGS
ARE COMMON WITH THE EXCEPTION OF ITEM 32.
ITEM 32 IS USED ON RED AND YELLOW MANIFOLD ONLY.



REGULATOR SETTINGS
FOR XLDS SET TO 350-375 PSIG
FOR CONVENTIONAL SET ACCORDING TO
EQUIPMENT REQUIREMENTS

RELIEF SETTINGS
FOR XLDS SET TO 390-400 PSIG
FOR CONVENTIONAL SET TO 290-300 PSIG

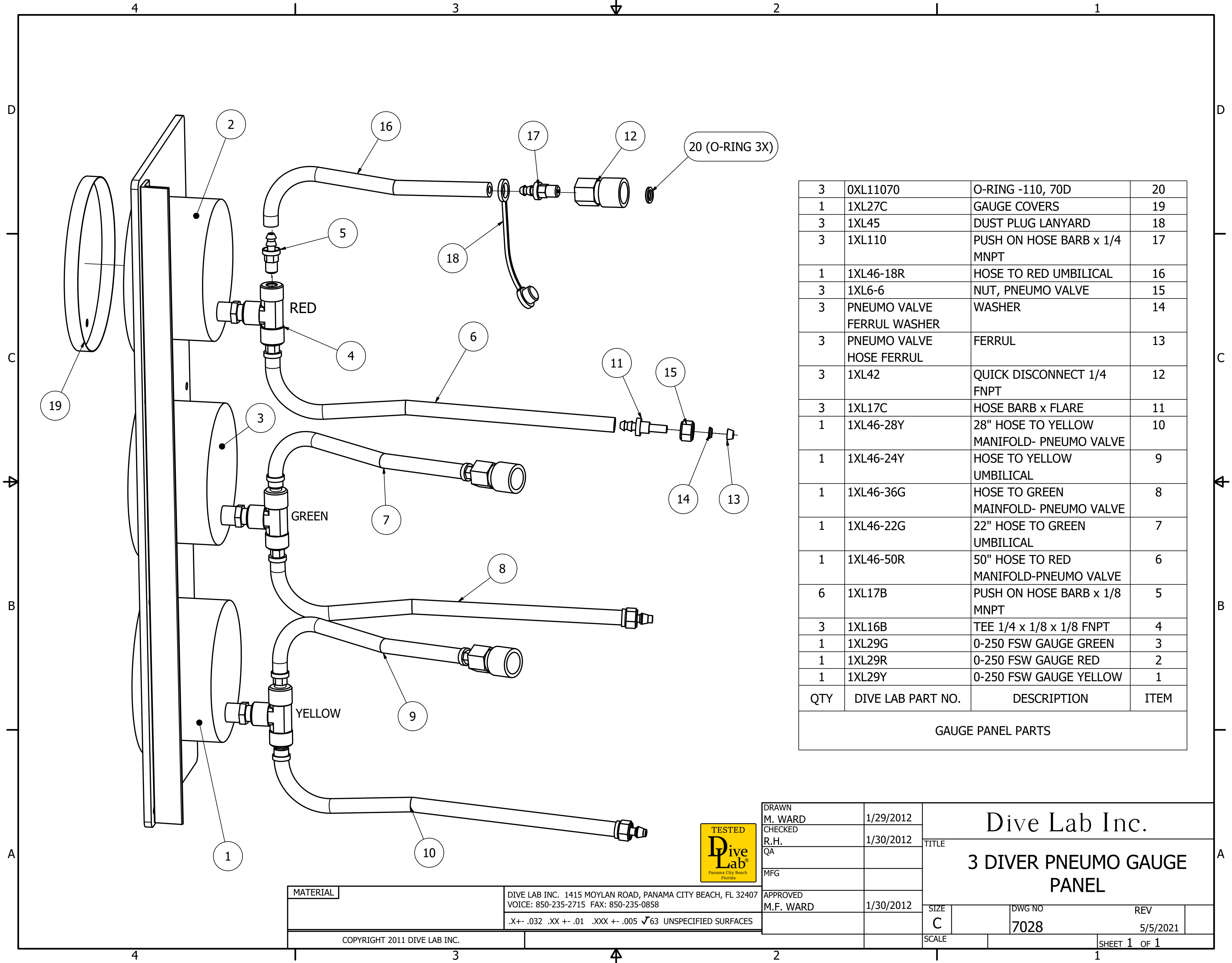


DRAWN MIKE WARD	11/2/2011
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
GAS SYSTEM LEG ASSEMBLY			
SIZE C	DWG NO 7012	REV 5/5/2021	
SCALE	SHEET 1 OF 2		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	

<



3	0XL11070	O-RING -110, 70D	20
1	1XL27C	GAUGE COVERS	19
3	1XL45	DUST PLUG LANYARD	18
3	1XL110	PUSH ON HOSE BARB x 1/4 MNPT	17
1	1XL46-18R	HOSE TO RED UMBILICAL	16
3	1XL6-6	NUT, PNEUMO VALVE	15
3	PNEUMO VALVE FERRUL WASHER	WASHER	14
3	PNEUMO VALVE HOSE FERRUL	FERRUL	13
3	1XL42	QUICK DISCONNECT 1/4 FNPT	12
3	1XL17C	HOSE BARB x FLARE	11
1	1XL46-28Y	28" HOSE TO YELLOW MANIFOLD- PNEUMO VALVE	10
1	1XL46-24Y	HOSE TO YELLOW UMBILICAL	9
1	1XL46-36G	HOSE TO GREEN MAINFOLD- PNEUMO VALVE	8
1	1XL46-22G	22" HOSE TO GREEN UMBILICAL	7
1	1XL46-50R	50" HOSE TO RED MANIFOLD-PNEUMO VALVE	6
6	1XL17B	PUSH ON HOSE BARB x 1/8 MNPT	5
3	1XL16B	TEE 1/4 x 1/8 x 1/8 FNPT	4
1	1XL29G	0-250 FSW GAUGE GREEN	3
1	1XL29R	0-250 FSW GAUGE RED	2
1	1XL29Y	0-250 FSW GAUGE YELLOW	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
GAUGE PANEL PARTS			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

- NOTES:
- 1. REFER TO OVERHAUL/REPAIR KITS TABLE (DRAWING NO 7033) FOR SERVICE KITS.
 - 2. ITEMS 3,4,5,6,7,8,9 MAKE UP THE CARTRIDGE ASSEMBLY. THIS ITEM IS ONLY AVAILABLE AS COMPLETE ASSEMBLY.
(CARTRIDGE ASSEMBLY PART NUMBER 1XL1-CA)

D

C

B

A

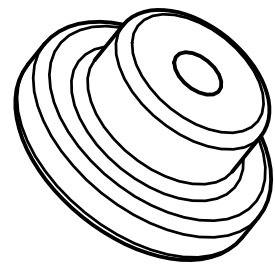
D

C

B

A

DETAIL: A
SCALE 2.0



DETAIL B
SCALE 4.1

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



DRAWN	M.S. WARD	5/5/2005
CHECKED	R.H. QA	5/10/2021
MFG		5/10/2021
APPROVED	M.F. WARD	5/10/2021

Dive Lab Inc.			
REGULATOR 0-400 AQUA ENVIRONMENT			
SIZE	C	DWG NO	7015
SCALE		REV	5/10/2021
SHEET 1		OF 2	

4

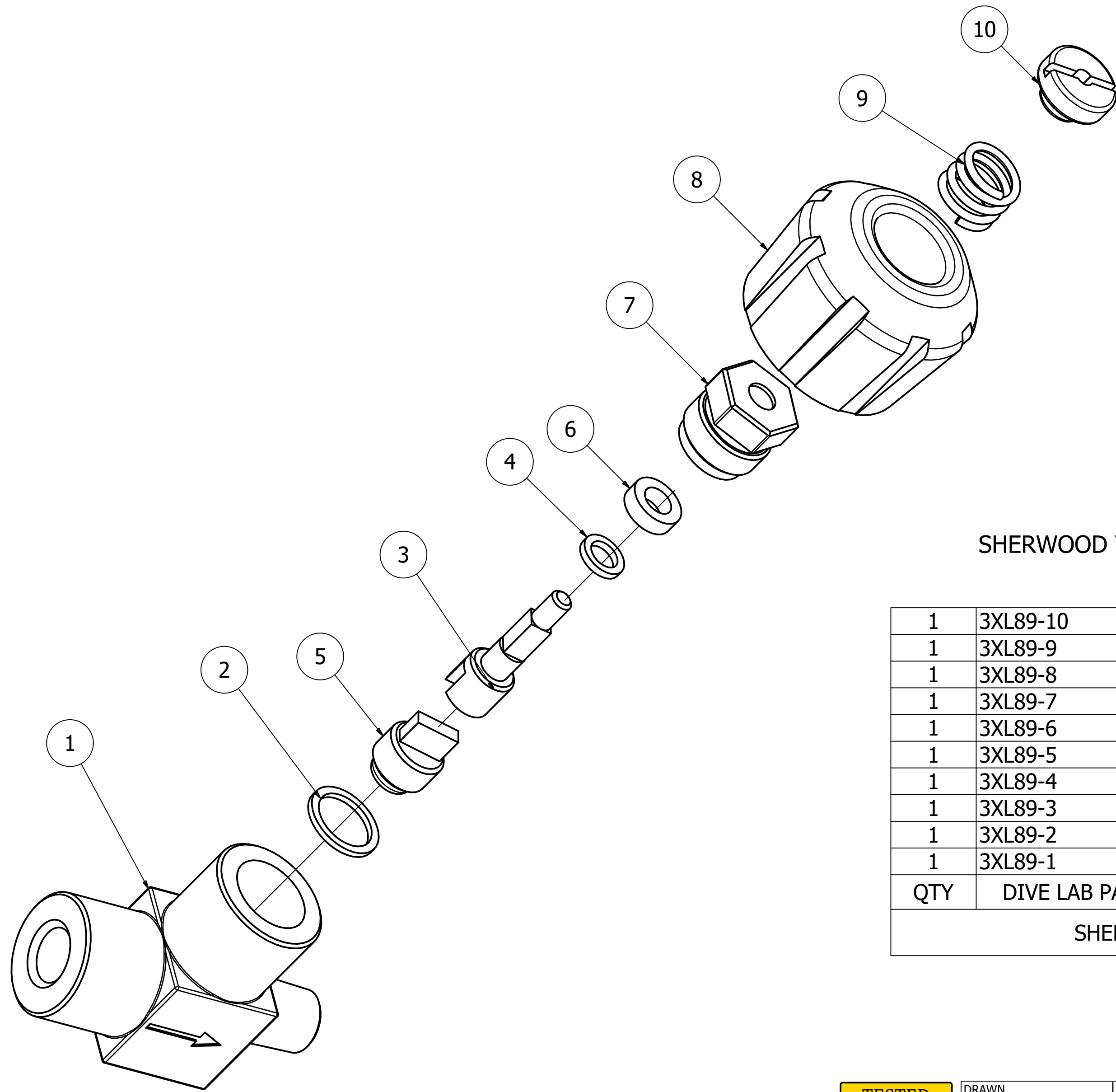
3

4

2

1

10



SHERWOOD VALVE REBUILD KIT # 3XL89-RK

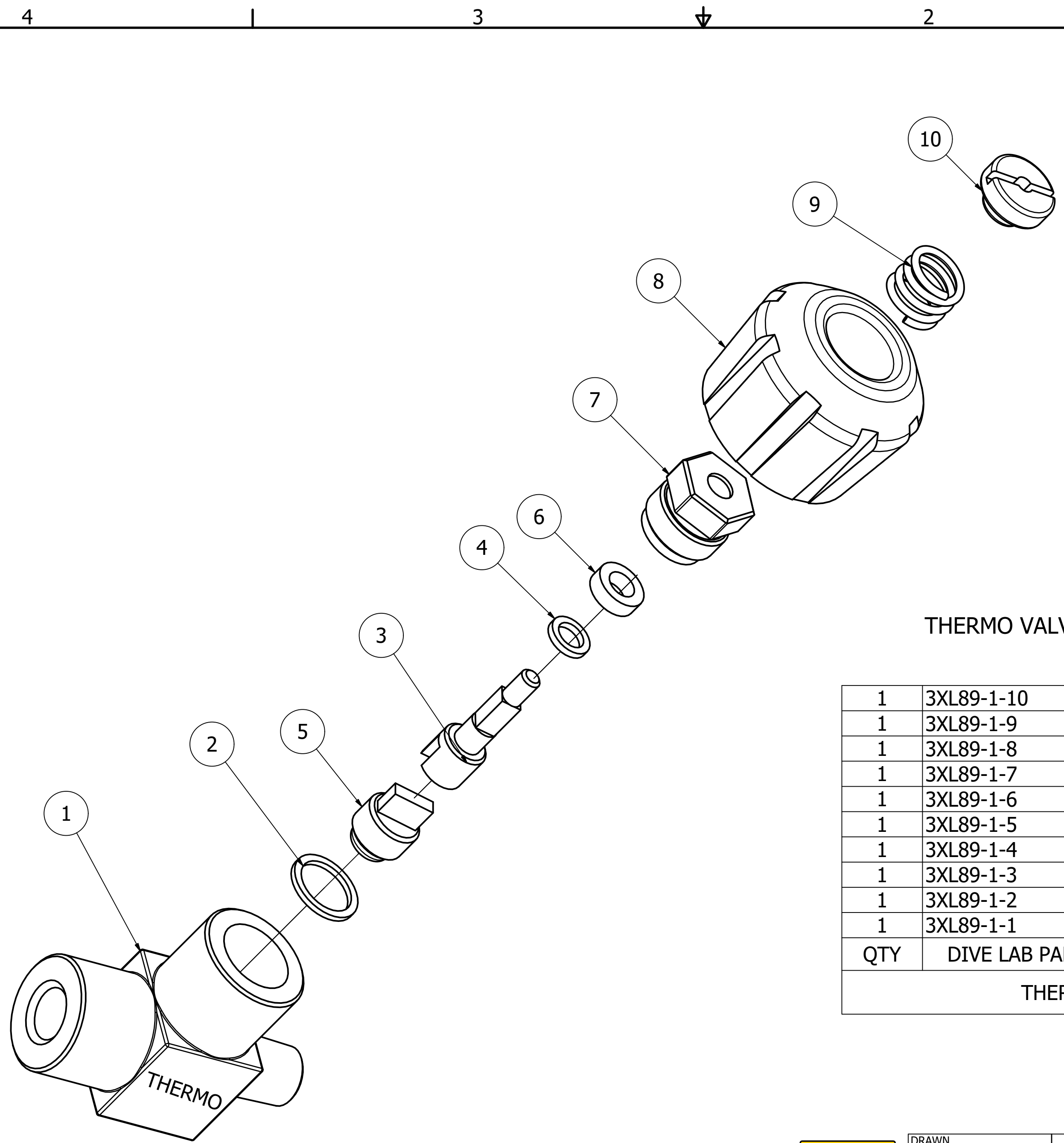
1	3XL89-10	LOCK NUT	10
1	3XL89-9	SPRING	9
1	3XL89-8	KNOB	8
1	3XL89-7	PACKING NUT	7
1	3XL89-6	PACKING	6
1	3XL89-5	SEAT	5
1	3XL89-4	WASHER	4
1	3XL89-3	STEM	3
1	3XL89-2	WASHER, COPPER	2
1	3XL89-1	BODY	1
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
SHERWOOD HP VALVE 3XL89			



DRAWN M.S. WARD	5/18/2005
CHECKED R.H. QA	1/16/2012
MFG	
APPROVED M.F. WARD	1/16/2012

Dive Lab Inc.			
TITLE SHERWOOD VALVE HIGH PRESSURE			
SIZE C	DWG NO 7010	REV 5/5/2021	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	



THERMO VALVE REBUILD KIT # 3XL89-1-RK

1	3XL89-1-10	LOCK NUT	10
1	3XL89-1-9	SPRING	9
1	3XL89-1-8	KNOB	8
1	3XL89-1-7	PACKING NUT	7
1	3XL89-1-6	PACKING	6
1	3XL89-1-5	SEAT	5
1	3XL89-1-4	O-RING	4
1	3XL89-1-3	STEM	3
1	3XL89-1-2	WASHER, COPPER	2
1	3XL89-1-1	BODY	1
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
THERMO HP VALVE 3XL89-1			

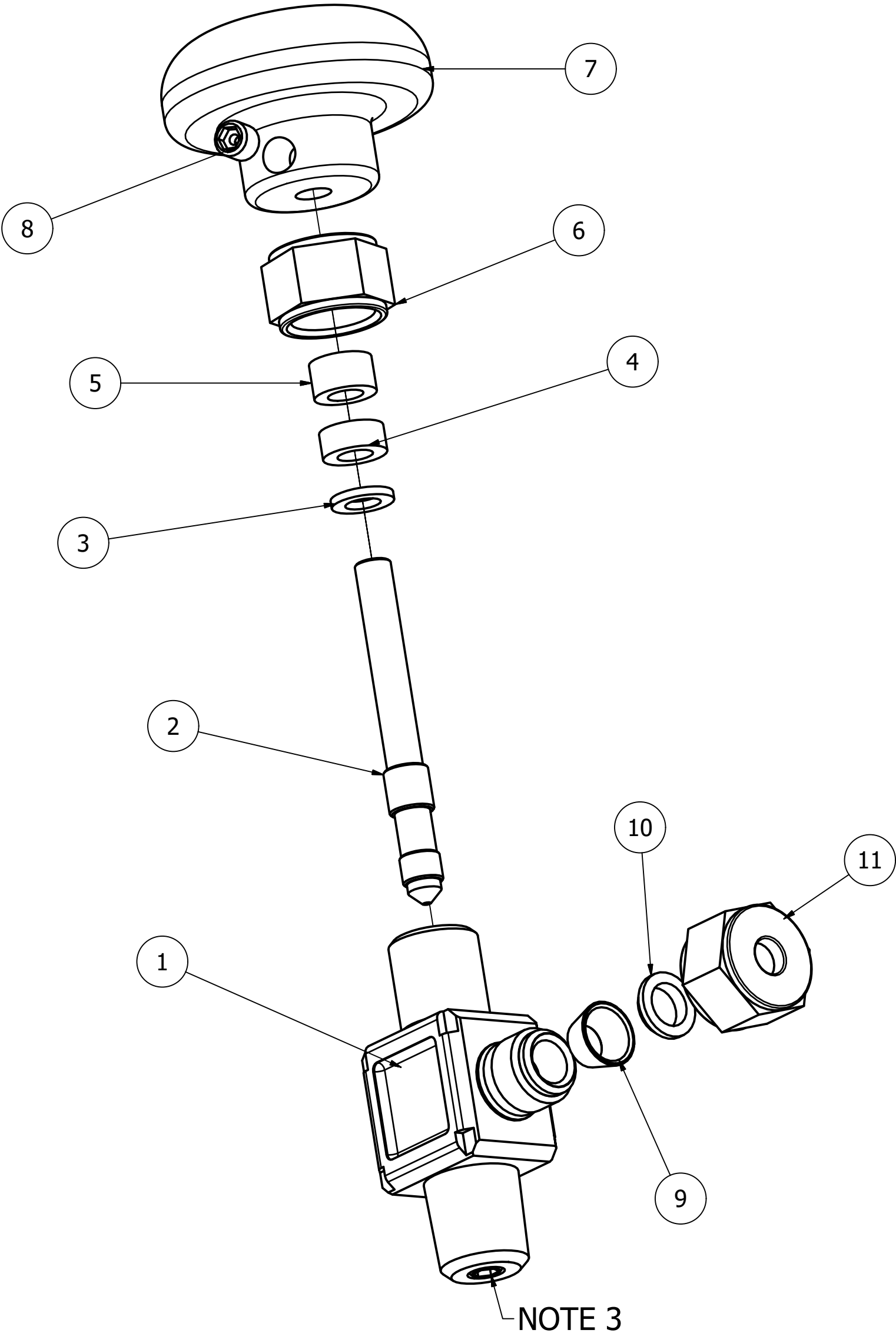


DRAWN	M.S. WARD	5/18/2005
CHECKED	R.H. QA	1/16/2012
MFG		
APPROVED	M.F. WARD	1/16/2012

Dive Lab Inc.			
THERMO VALVE HIGH PRESSURE			
SIZE	C	DWG NO	7010A
SCALE		REV	5-5-2021
SHEET 1		OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	

1. VALVE BODY, ITEM 1 HAS BEEN MODIFIED
FOR A PERMANENT FLOW RESTRICTOR.



REPAIR KIT #1XL6-RK

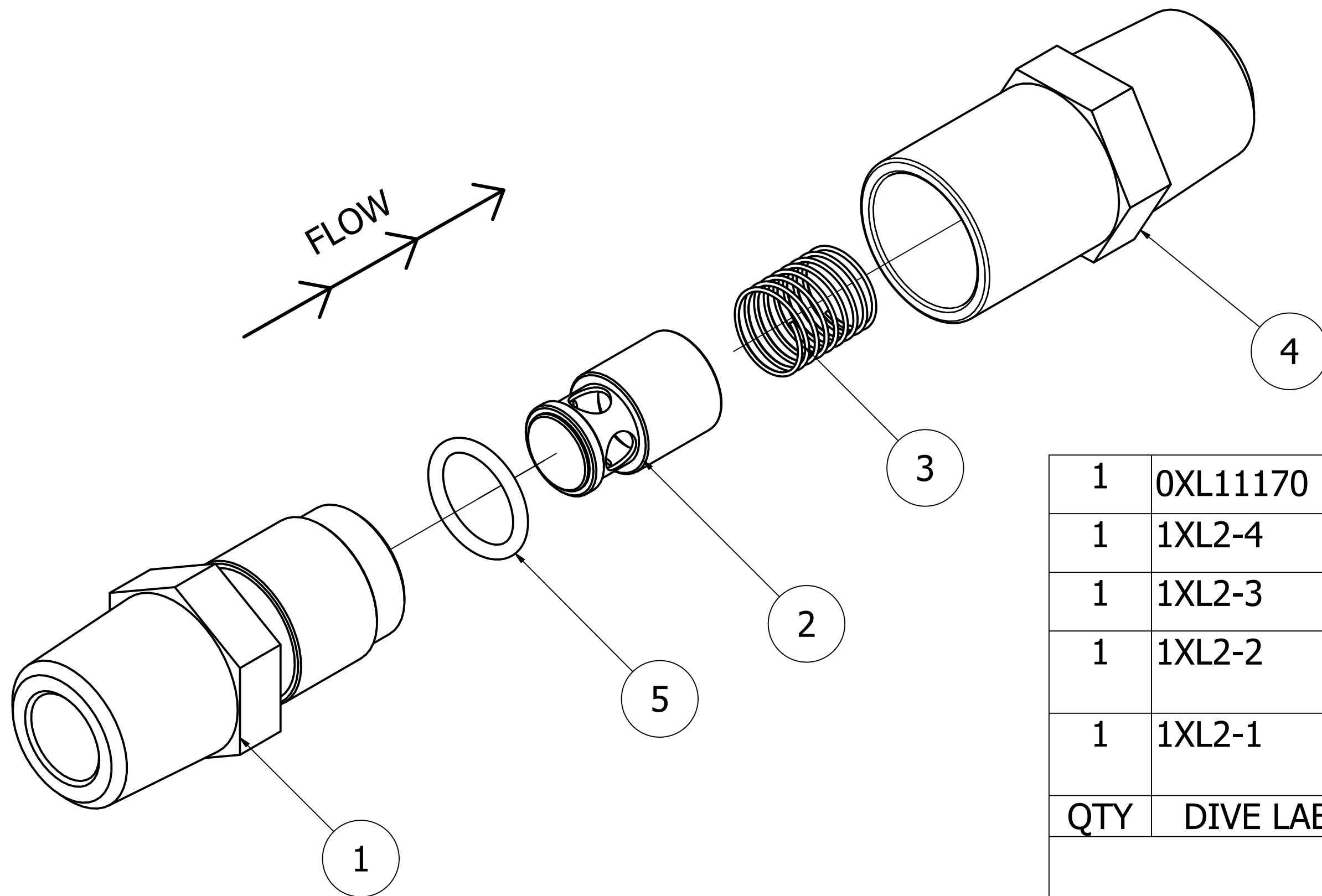
1	1XL6C-11	NUT	11
1	1XLC-10	WASHER, FERRUL	10
1	1XL6-9	FERRUL	9
1	1XL6-8	SET SCREW, KNOB	8
1	1XL6-7	KNOB	7
1	1XL6-6	NUT, STEM	6
1	1XL6-5	SPACER	5
1	1XL6-4R	PACKING	4
1	1XL6-3R	WASHER	3
1	1XL6-2	STEM	2
1	1XL6-1	BODY	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
PNEUMO VALVE STAINLESS SOFT SEAT, 1XL6			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



DRAWN MIKE S. WARD	8/22/2005
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
PNEUMO VALVE SOFT SEAT (MODIFIED)			
SIZE C	DWG NO 7019	REV 5/5/2021	
SCALE	SHEET 1 OF 1		



1	0XL11170	O-RING -111, 70D	5
1	1XL2-4	BODY	4
1	1XL2-3	SPRING	3
1	1XL2-2	SPRING HOUSING	2
1	1XL2-1	MAIN HOUSING	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
CHECK VALVE 1XL2			

**NOTE. ITEM#3 IS NOT PART OF THE SOFT GOODS SERVICE KIT.
ORDER 1XL2-3RK FOR SPRING**

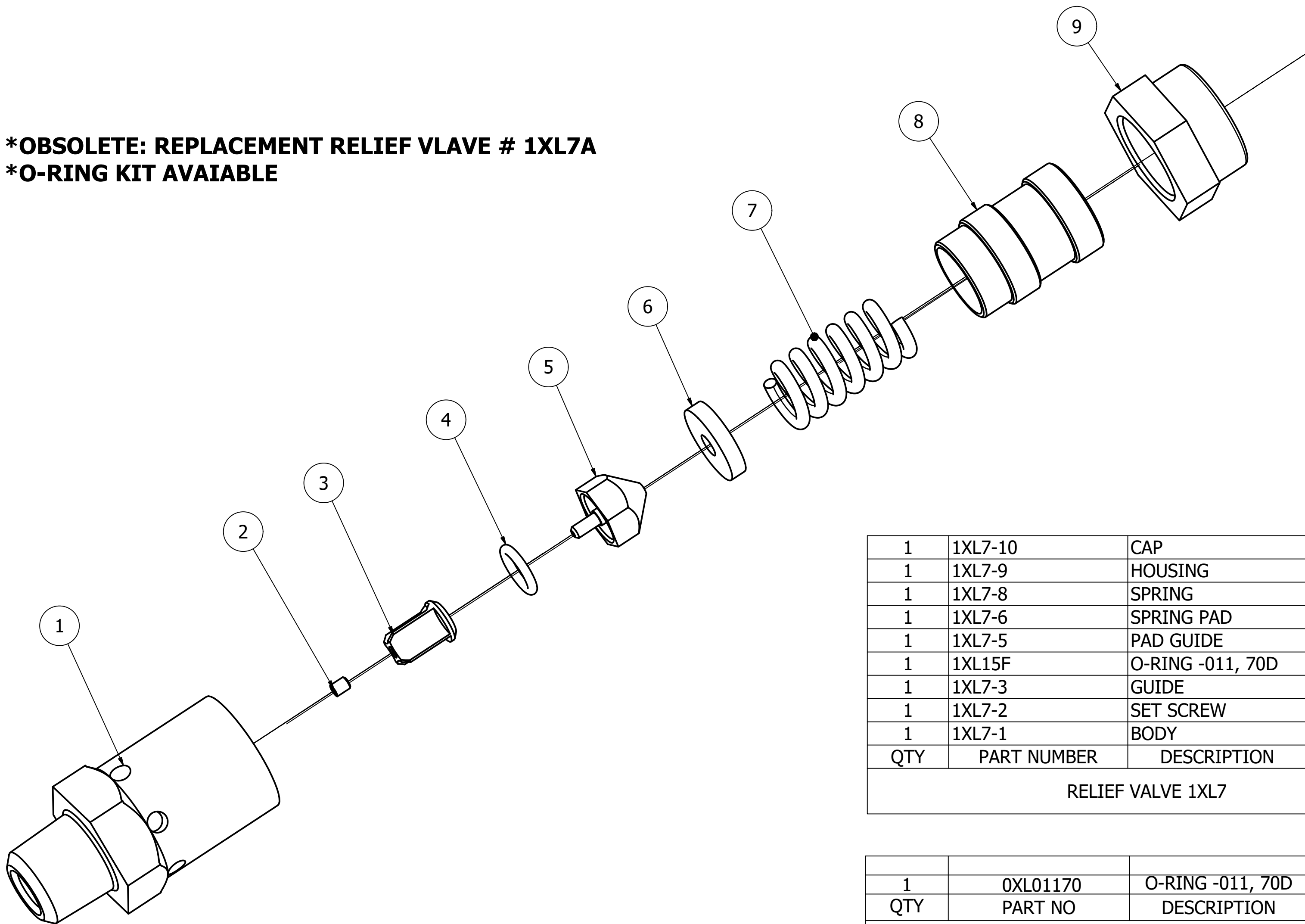
1	1XL2-3RK	SPRING	3
1	0XL11170	O-RING -111, 70D	5
QTY	DIVE LAB PART NO	DESCRIPTION	ITEM
1XL2RK SERVICE KIT			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2012 DIVE LAB INC.	



DRAWN MIKE S. WARD	5/6/2005	Dive Lab Inc.		
CHECKED R.H. QA	1/12/2012			
MFG		CHECK VALVE 1XL2		
APPROVED M.F. WARD	1/12/2012	SIZE C	DWG NO 7024	REV 5/5/2021
		SCALE	SHEET 1 OF 1	

***OBSOLETE: REPLACEMENT RELIEF VLAVE # 1XL7A**
***O-RING KIT AVAIABLE**



1	1XL7-10	CAP	9
1	1XL7-9	HOUSING	8
1	1XL7-8	SPRING	7
1	1XL7-6	SPRING PAD	6
1	1XL7-5	PAD GUIDE	5
1	1XL15F	O-RING -011, 70D	4
1	1XL7-3	GUIDE	3
1	1XL7-2	SET SCREW	2
1	1XL7-1	BODY	1
QTY	PART NUMBER	DESCRIPTION	ITEM
RELIEF VALVE 1XL7			

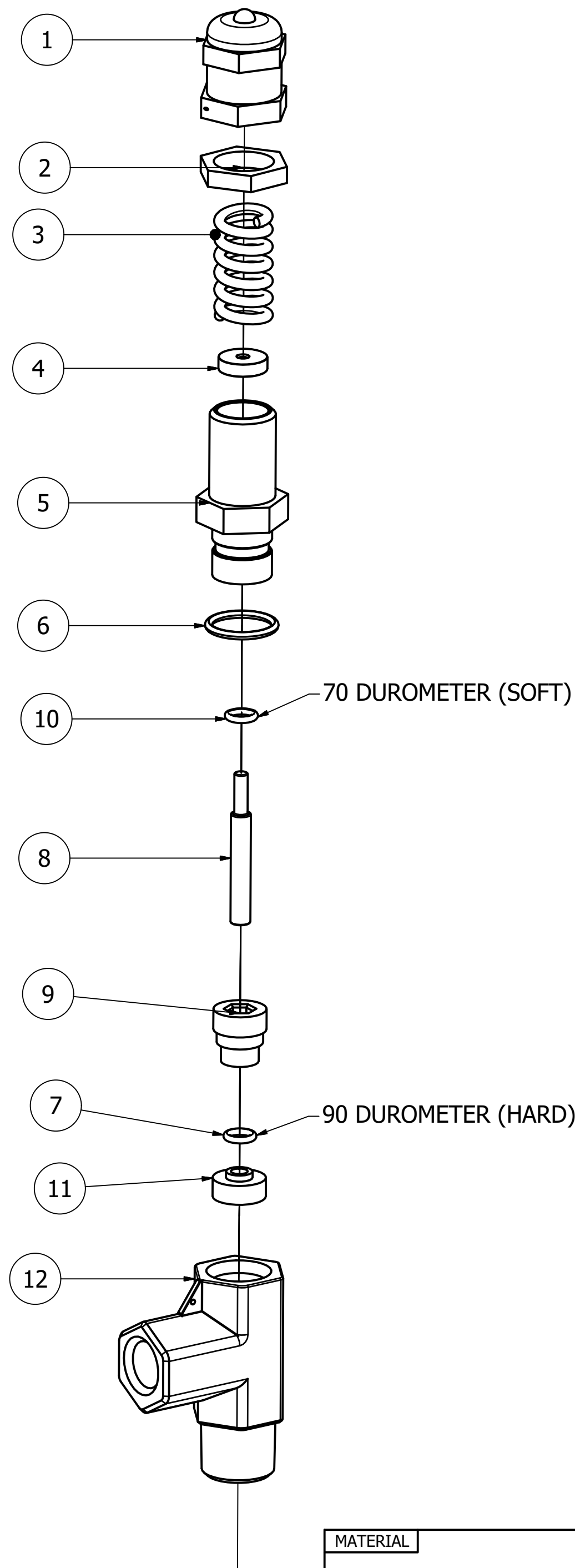
1	0XL01170	O-RING -011, 70D	4
QTY	PART NO	DESCRIPTION	ITEM
1XL7RK SERVICE KIT			



DRAWN	M.S. WARD	5/5/2005
CHECKED	R.H. QA	1/12/2012
MFG		
APPROVED	M.F. WARD	1/12/2012

Dive Lab Inc.			
RELIEF CIRCLE SEAL			
SIZE	C	DWG NO	REV 5/5/2021
SCALE		SHEET 1 OF 1	

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



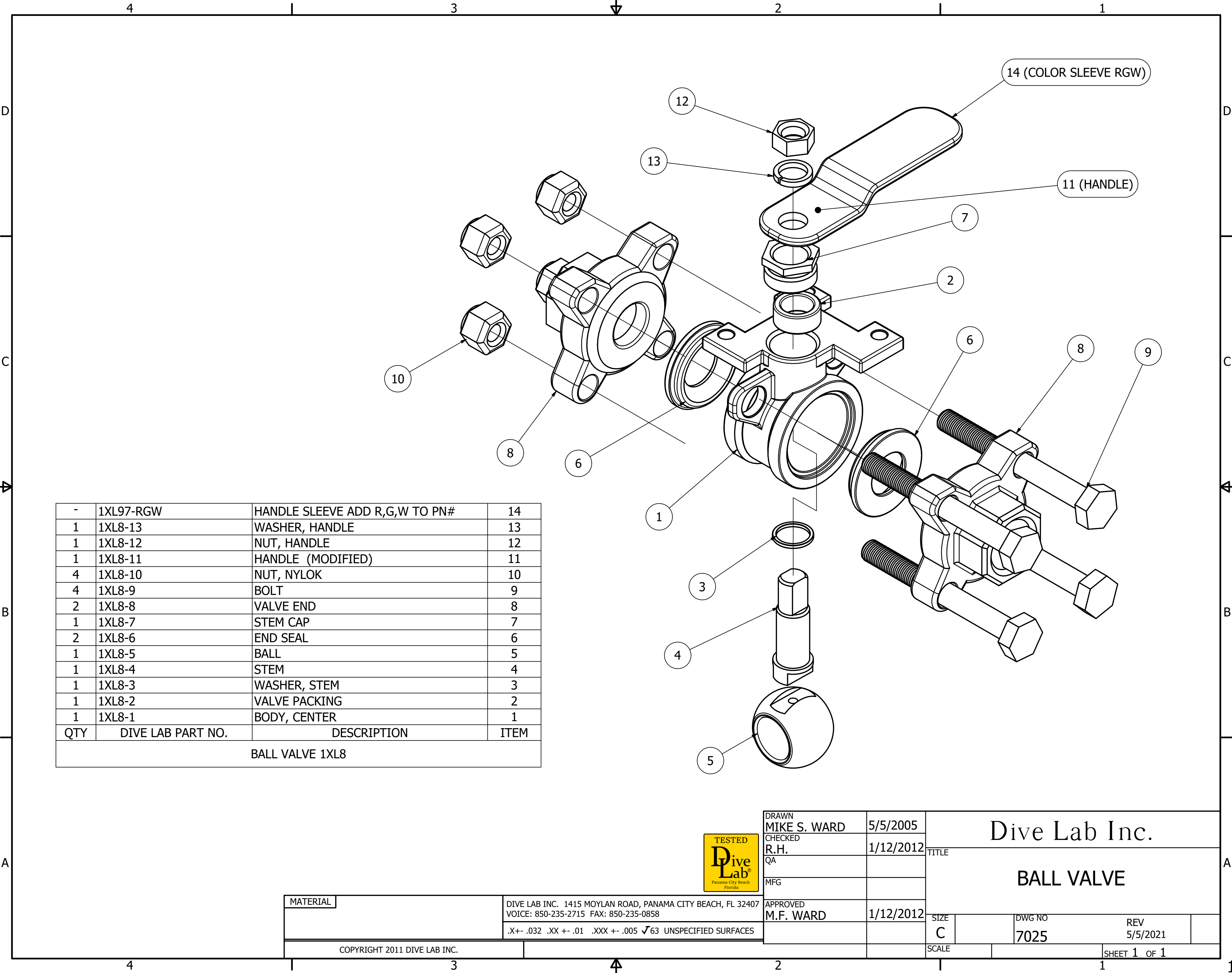
1	BODY	1XL7A-13	12
1	BODY SEAT	1XL7A-12	11
1	O-RING -106 70 DUROMETER	1XL7A-14	10
1	STEM SEAT	1XL7A-10	9
1	STEM	1XL7A-9	8
1	O-RING -106 90 DUROMETER	1XL7A-8	7
1	O-RING -015 70 DUROMETER	1XL7A-6	6
1	BONNET	1XL7A-5	5
1	SPRING DISK	1XL7A-4 (SPRING KIT)	4
1	SPRING	1XL7A-3 (SPRING KIT)	3
1	LOCK NUT	1XL7A-2	2
1	CAP	1XL7A-1	1
QTY	DESCRIPTION	DIVE LAB PART NO	ITEM
RELIEF 1XL7A			

NOTE: ITEMS 3 & 4 DO NOT COME IN THE SOFT GOODS SERVICE KIT.
ORDER PART NUMBER 1XL7ASK SPRING KIT

1	SPRING KIT (SEE NOTE)	1XL7ASK	3 & 4
1	O-RING -106, 90D	1XL7A-8	7
1	O-RING -106, 70D	1XL7A-14	10
1	O-RING -015, 70D	1XL7A-6	6
QTY	DESCRIPTION	DIVE LAB PART NO	ITEM
1XL7ARK SERVICE KIT RELIEF VALVE			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858		APPROVED M.F. WARD	1/12/2012			
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES				SIZE C	DWG NO 7017	REV 2022
COPYRIGHT 2011 DIVE LAB INC.					SCALE	SHEET 1 OF 1	



-	1XL97-RGW	HANDLE SLEEVE ADD R,G,W TO PN#	14
1	1XL8-13	WASHER, HANDLE	13
1	1XL8-12	NUT, HANDLE	12
1	1XL8-11	HANDLE (MODIFIED)	11
4	1XL8-10	NUT, NYLOK	10
4	1XL8-9	BOLT	9
2	1XL8-8	VALVE END	8
1	1XL8-7	STEM CAP	7
2	1XL8-6	END SEAL	6
1	1XL8-5	BALL	5
1	1XL8-4	STEM	4
1	1XL8-3	WASHER, STEM	3
1	1XL8-2	VALVE PACKING	2
1	1XL8-1	BODY, CENTER	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
BALL VALVE 1XL8			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
COPYRIGHT 2011 DIVE LAB INC.	
.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES	

DRAWN MIKE S. WARD	5/5/2005
CHECKED R.H. QA	1/12/2012
MFG	
APPROVED M.F. WARD	1/12/2012

Dive Lab Inc.			
TITLE BALL VALVE			
SIZE C	DWG NO 7025	REV 5/5/2021	
SCALE	SHEET 1 OF 1		

4 3 2 1

D

C

B

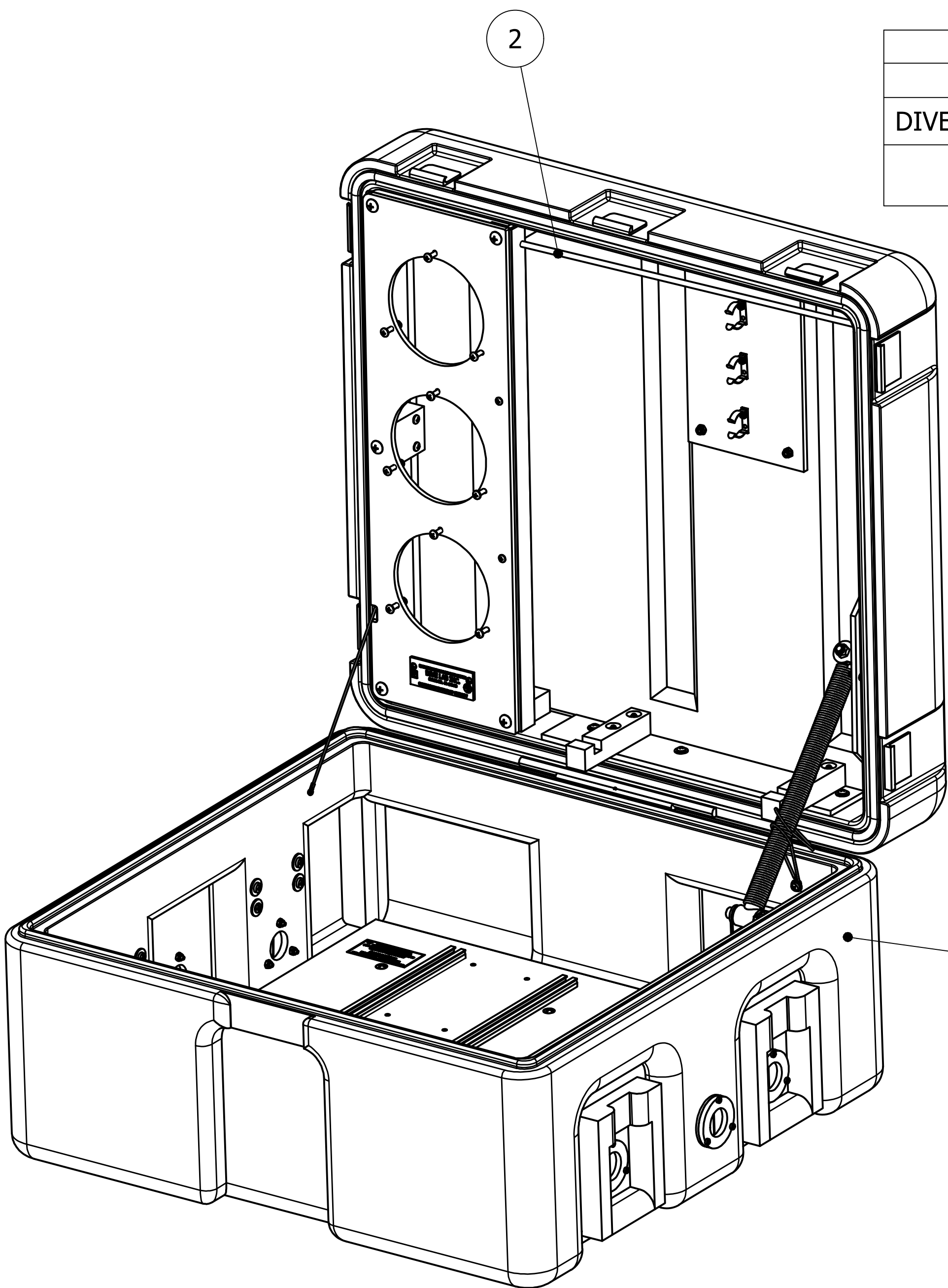
A

D

C

B

A



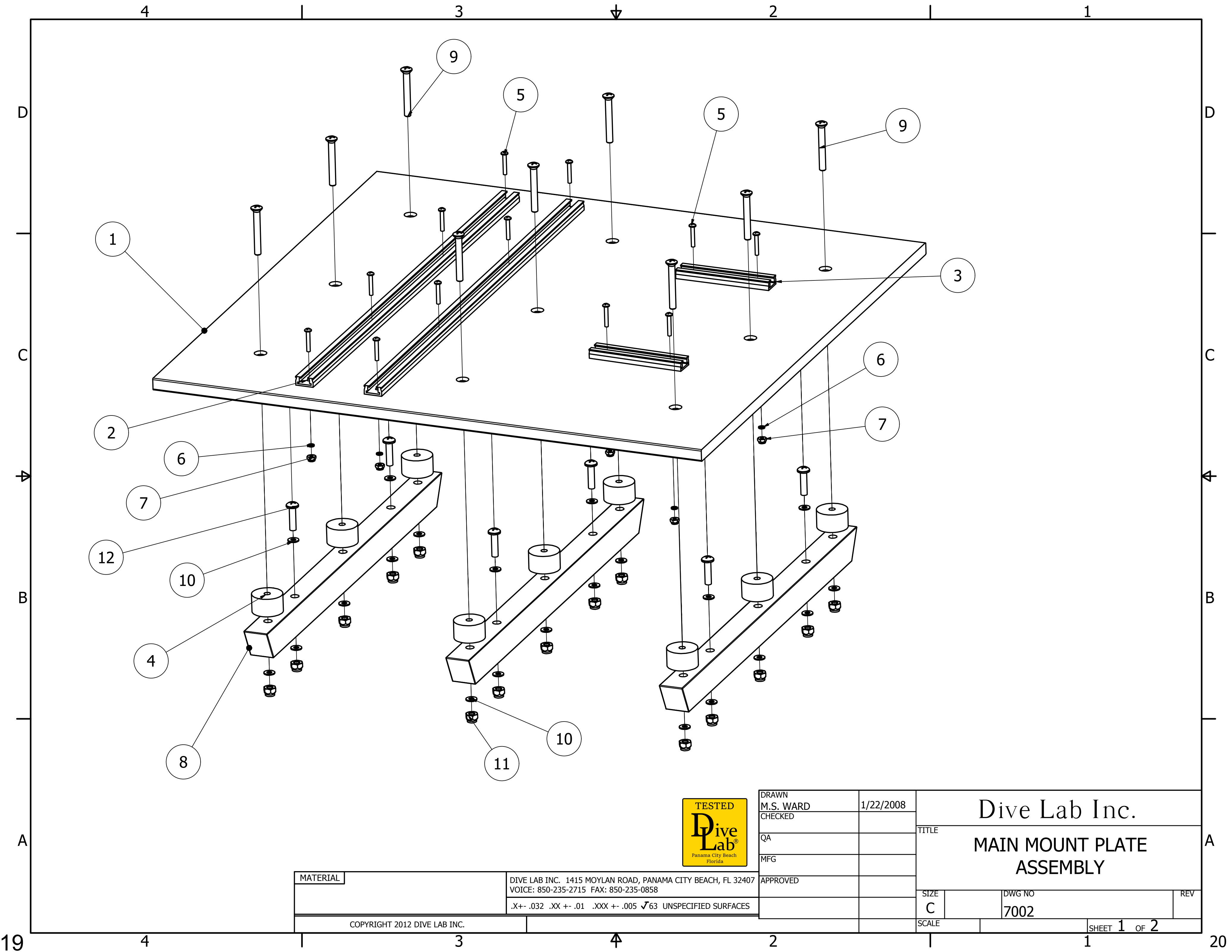
1XL33A	COMM BOX RETAINER CORD	2
1XLC00	XLDS RDC-3 CHASSIS ASSEMBLY	1
DIVE LAB PART NO.	DESCRIPTION	ITEM NO.
3 DIVER CHASSIS ASSEMBLY		



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN MIKE WARD	11/2/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
3 DIVER CHASSIS ASSEMBLY			
SIZE C	DWG NO 7000	REV -	
SCALE	SHEET 1 OF 1		



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES

COPYRIGHT 2012 DIVE LAB INC.

DRAWN M.S. WARD	1/22/2008
CHECKED	
QA	
MFG	
APPROVED	

Dive Lab Inc.		
TITLE MAIN MOUNT PLATE ASSEMBLY		
SIZE C	DWG NO 7002	REV

SCALE SHEET 1 OF 2

4

3

2

1

D

C

B

A

-	1XLCMP00	COMPLETE ASSEMBLY	-
6	1XLC31	1/4-20 x 1-1/4 SCREW	12
15	1XLC4	1/4" NYLOK NUT	11
21	1/4 FLAT WASHER	1/4" FLAT WASHER	10
9	1XLC11	1/4-20 x 2"	9
3	1XL38	SKID BAR	8
12	1XLC33	6-32 NYLOK NUT	7
12	1XLC32A	#6 FLAT WASHER	6
12	1XLC32	6-32 x 1-1/4 SCREW	5
9	1XL43	SHOCK MOUNT	4
2	1XL39B	TRACK 4"	3
2	1XL39A	TRACK 22"	2
1	1XL36	MAIN MOUNT PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
MAIN MOUNT PLATE ASSEMBLY			

TESTED

Dive Lab

Panama City Beach
Florida

DRAWN	M.S. WARD	1/22/2008
CHECKED		
QA		
MFG		
APPROVED		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

Dive Lab Inc.	
MAIN MOUNT PLATE ASSEMBLY	
SIZE	DWG NO
C	7002
SCALE	SHEET 2 OF 2

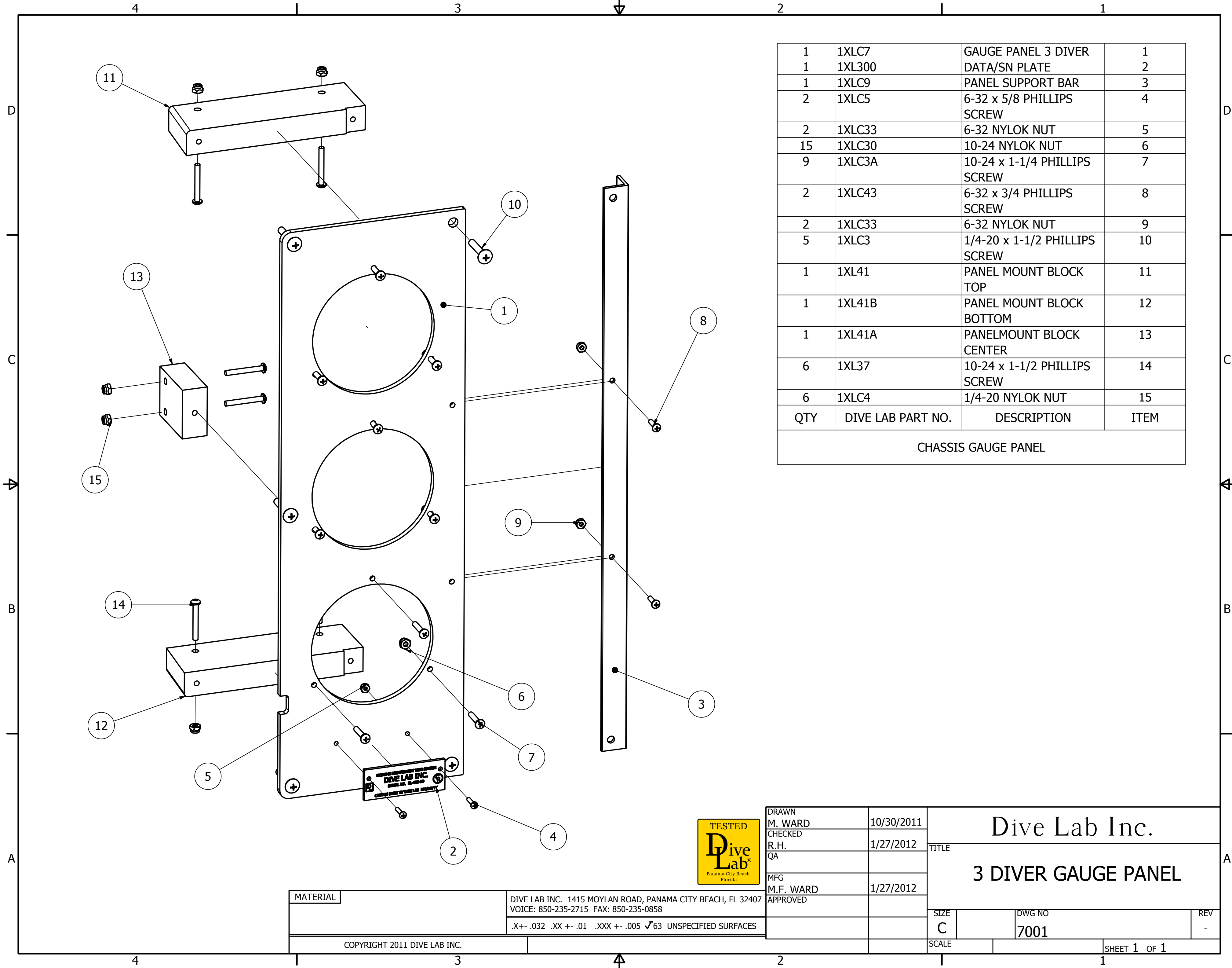
4

3

2

1

21



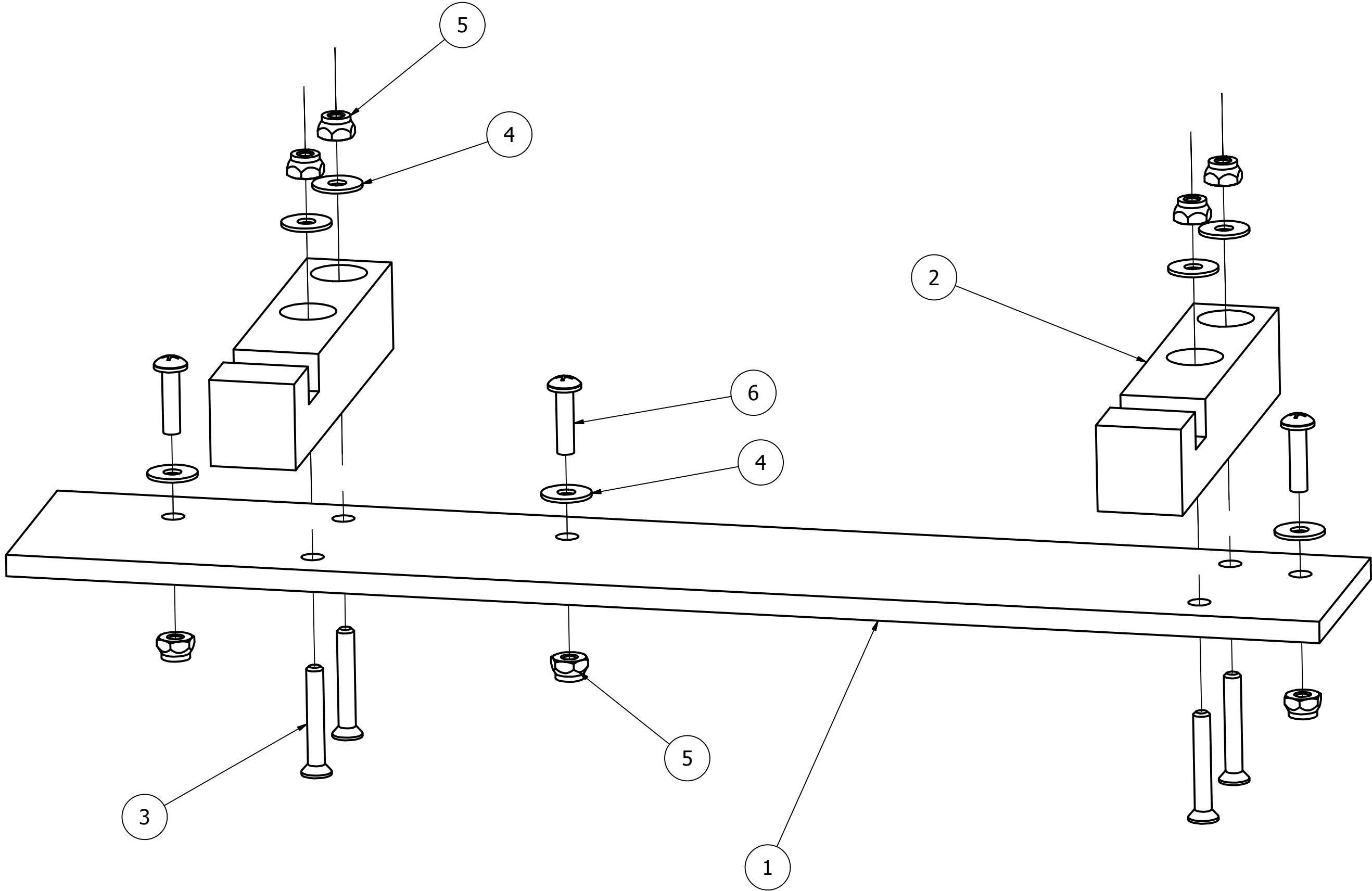
1	1XLC7	GAUGE PANEL 3 DIVER	1
1	1XL300	DATA/SN PLATE	2
1	1XLC9	PANEL SUPPORT BAR	3
2	1XLC5	6-32 x 5/8 PHILLIPS SCREW	4
2	1XLC33	6-32 NYLOK NUT	5
15	1XLC30	10-24 NYLOK NUT	6
9	1XLC3A	10-24 x 1-1/4 PHILLIPS SCREW	7
2	1XLC43	6-32 x 3/4 PHILLIPS SCREW	8
2	1XLC33	6-32 NYLOK NUT	9
5	1XLC3	1/4-20 x 1-1/2 PHILLIPS SCREW	10
1	1XL41	PANEL MOUNT BLOCK TOP	11
1	1XL41B	PANEL MOUNT BLOCK BOTTOM	12
1	1XL41A	PANELMOUNT BLOCK CENTER	13
6	1XL37	10-24 x 1-1/2 PHILLIPS SCREW	14
6	1XLC4	1/4-20 NYLOK NUT	15
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
CHASSIS GAUGE PANEL			

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858 .X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES
COPYRIGHT 2011 DIVE LAB INC.	



DRAWN M. WARD	10/30/2011	Dive Lab Inc.		
CHECKED R.H. QA	1/27/2012	TITLE 3 DIVER GAUGE PANEL		
MFG M.F. WARD	1/27/2012	SIZE C	DWG NO 7001	REV -
APPROVED		SCALE	SHEET 1 OF 1	

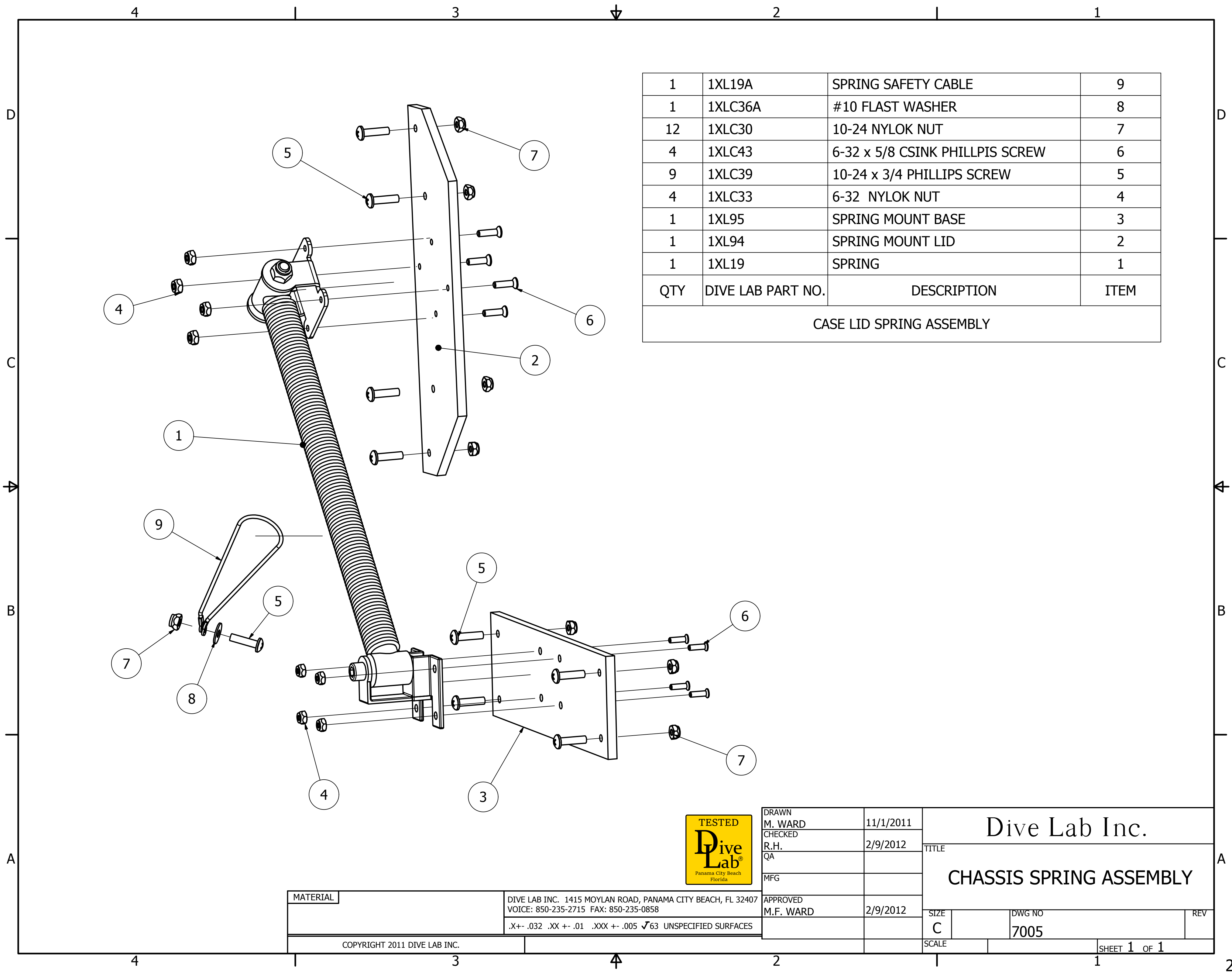
3	1XL33C	10-24 x 3/4 PHILLIPS SCREW	6
7	1XLC30	10-24 NYLOK NUT	5
7	1XLC36A	#10 FLAT WASHER	4
4	1XL33B	10-24 x 1 CSINK PHILLIPS SCREW	3
2	1XL33A	MOUNT BLOCK	2
1	1XL33	BASE PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
HYDROLINX COMM BOX MOUNT			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN M. WARD	11/1/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE			
HYDROLINX CHASSIS MOUNT			
SIZE		DWG NO	REV
C		7004	-
SCALE		SHEET 1 OF 1	



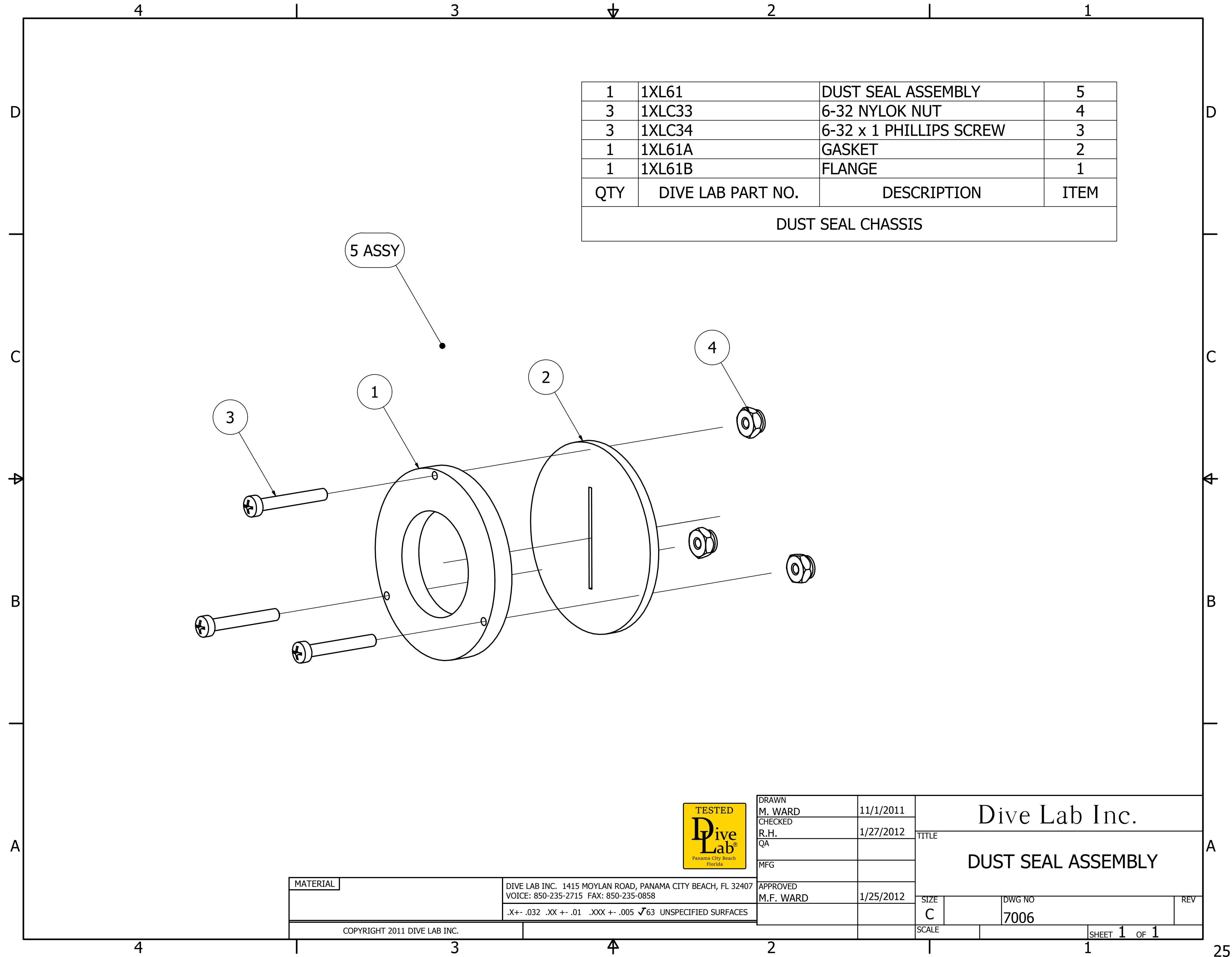
1	1XL19A	SPRING SAFETY CABLE	9
1	1XLC36A	#10 FLAST WASHER	8
12	1XLC30	10-24 NYLOK NUT	7
4	1XLC43	6-32 x 5/8 CSINK PHILLPIS SCREW	6
9	1XLC39	10-24 x 3/4 PHILLIPS SCREW	5
4	1XLC33	6-32 NYLOK NUT	4
1	1XL95	SPRING MOUNT BASE	3
1	1XL94	SPRING MOUNT LID	2
1	1XL19	SPRING	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
CASE LID SPRING ASSEMBLY			



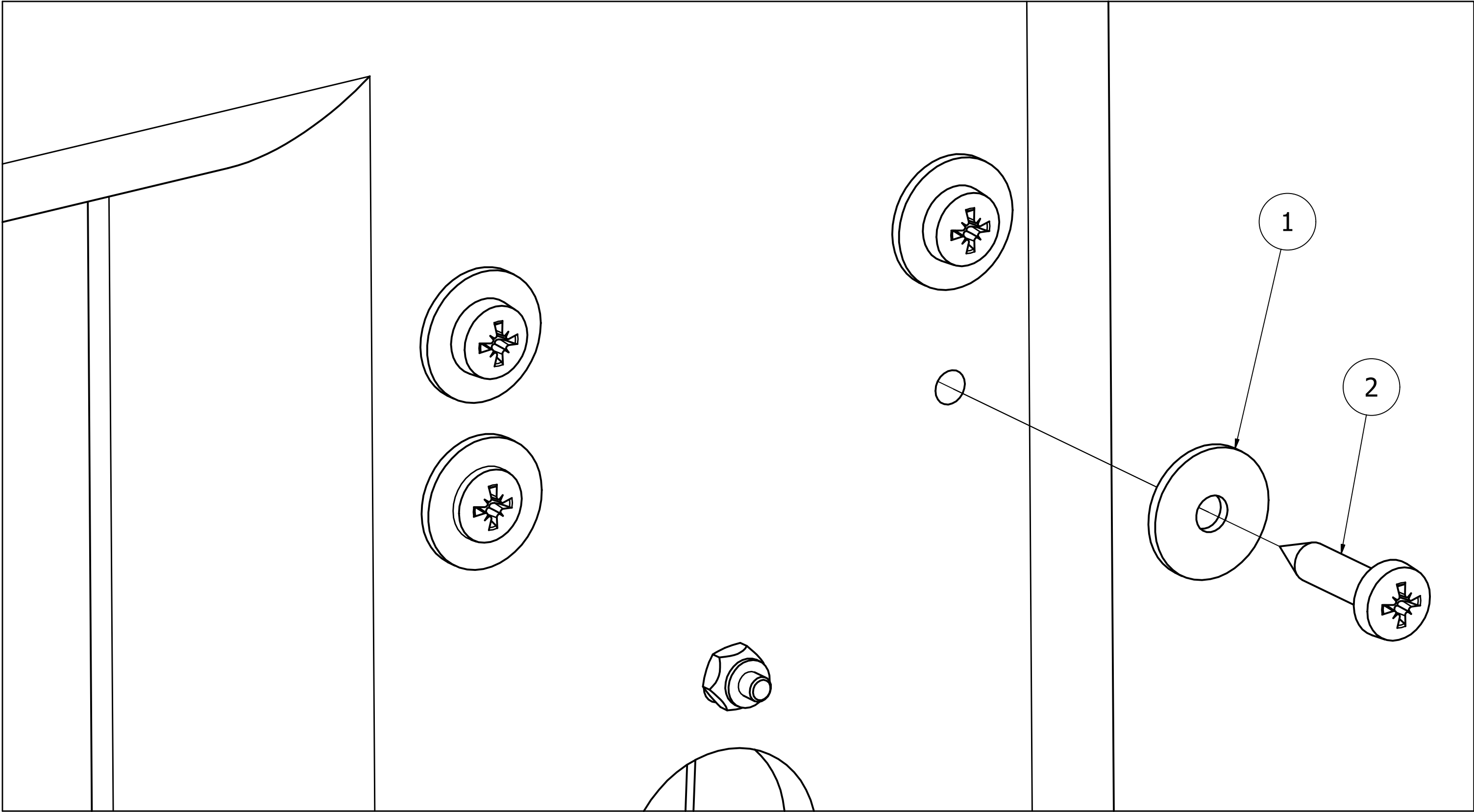
MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN	M. WARD	11/1/2011
CHECKED	R.H. QA	2/9/2012
MFG		
APPROVED	M.F. WARD	2/9/2012

Dive Lab Inc.			
TITLE			
CHASSIS SPRING ASSEMBLY			
SIZE	C	DWG NO	7005
SCALE			
SHEET 1 OF 1			



8	1XLC42	12-14 x 1 PAN HEAD PHILLIPS TAPPING SCREW	2
8	1XLC42A	# 1/4 x 1 FLAT WASHER	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM NO.
HARDIGG CASE HANDLE FASTENERS			

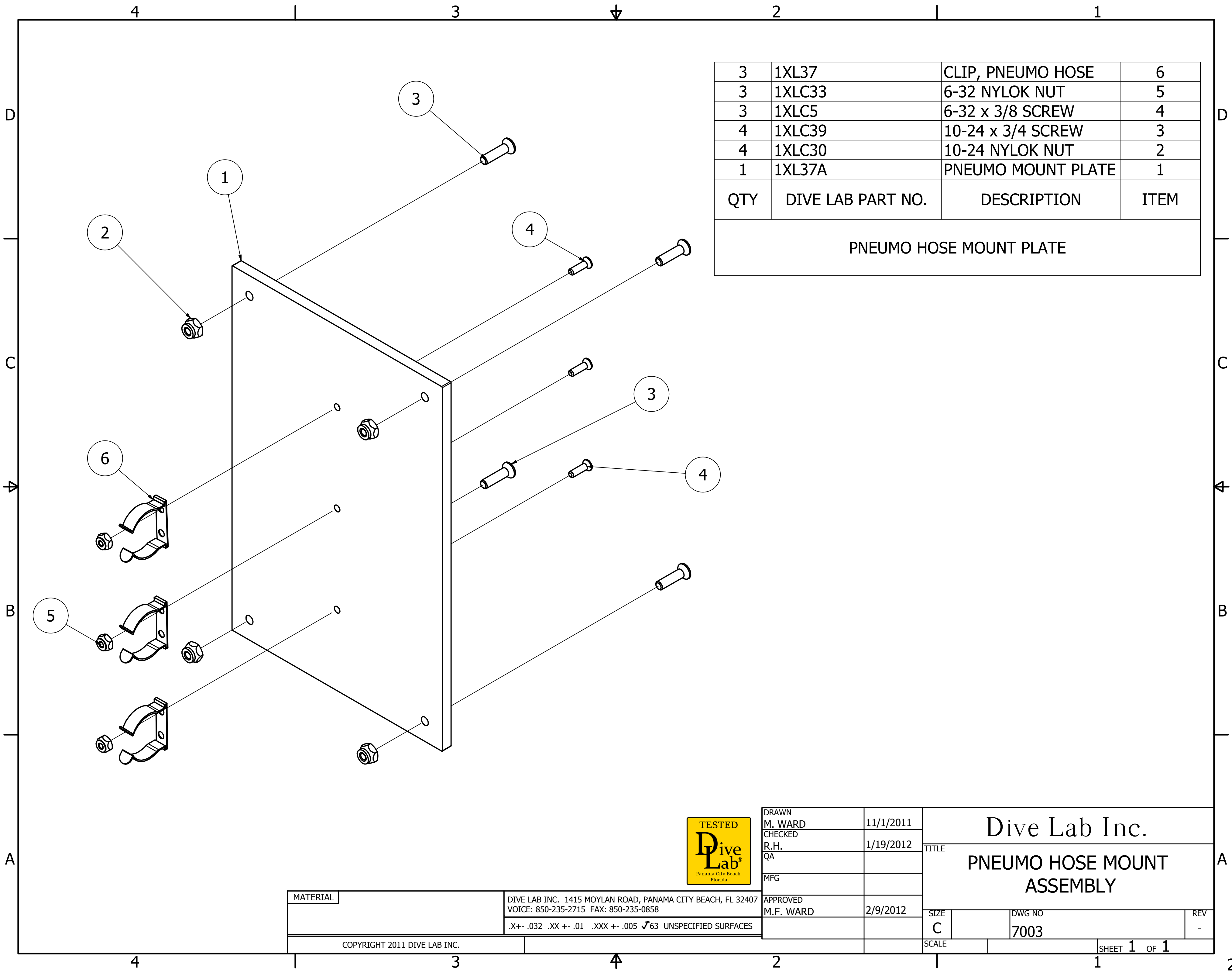


DRAWN MIKE WARD	11/2/2011
CHECKED R.H. QA	1/27/2012
MFG	
APPROVED M.F. WARD	1/27/2012

Dive Lab Inc.			
TITLE CASE HANDLE FASTENERS			
SIZE C	DWG NO 7007	REV -	
SCALE	SHEET 1 OF 1		

MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 √63 UNSPECIFIED SURFACES

COPYRIGHT 2011 DIVE LAB INC.



3	1XL37	CLIP, PNEUMO HOSE	6
3	1XLC33	6-32 NYLOK NUT	5
3	1XLC5	6-32 x 3/8 SCREW	4
4	1XLC39	10-24 x 3/4 SCREW	3
4	1XLC30	10-24 NYLOK NUT	2
1	1XL37A	PNEUMO MOUNT PLATE	1
QTY	DIVE LAB PART NO.	DESCRIPTION	ITEM
PNEUMO HOSE MOUNT PLATE			



MATERIAL	DIVE LAB INC. 1415 MOYLAN ROAD, PANAMA CITY BEACH, FL 32407 VOICE: 850-235-2715 FAX: 850-235-0858
	.X+- .032 .XX +- .01 .XXX +- .005 ✓63 UNSPECIFIED SURFACES

DRAWN M. WARD	11/1/2011
CHECKED R.H. QA	1/19/2012
MFG	
APPROVED M.F. WARD	2/9/2012

Dive Lab Inc.			
TITLE PNEUMO HOSE MOUNT ASSEMBLY			
SIZE C	DWG NO 7003	REV -	
SCALE	SHEET 1 OF 1		

COPYRIGHT 2011 DIVE LAB INC.