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DWG. NO:
09402

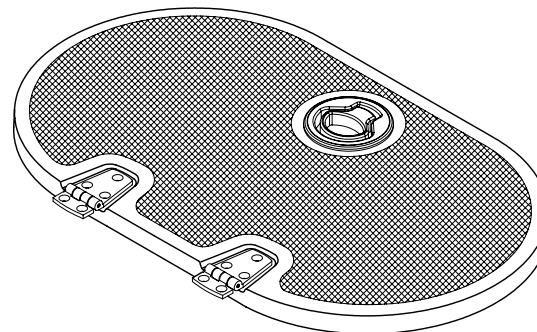
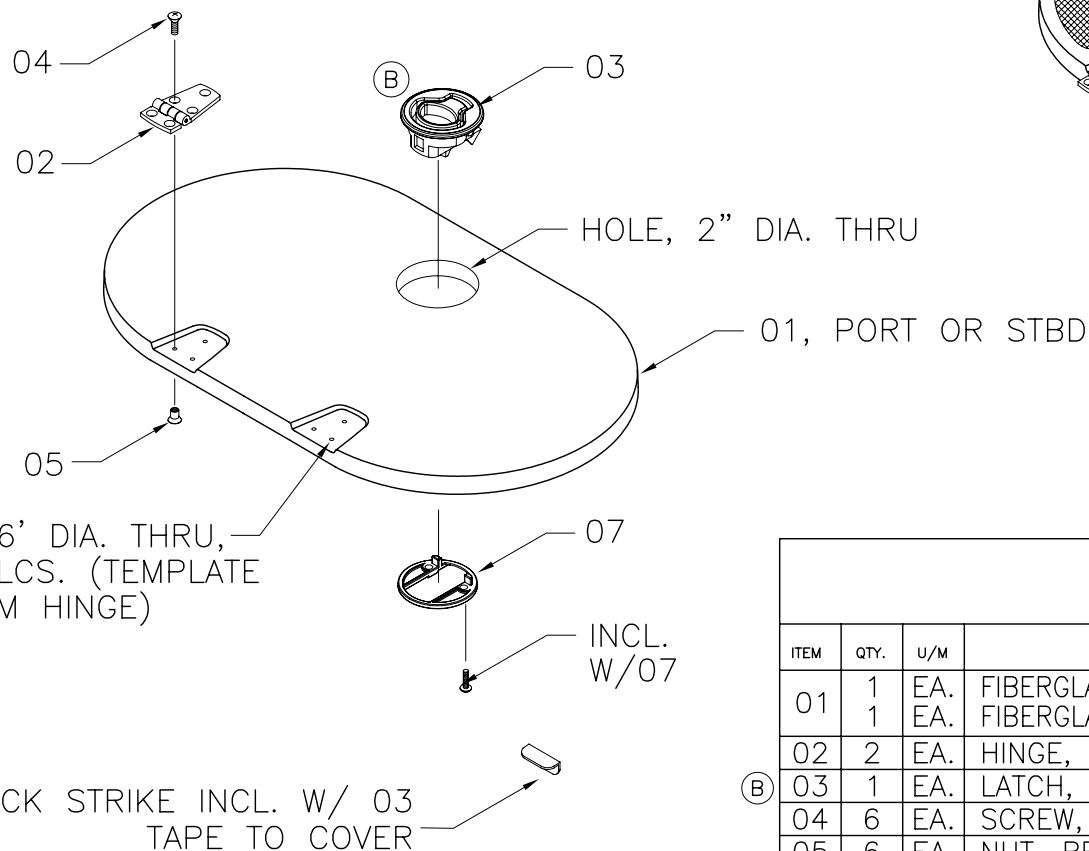
REV.
C

CURRENT ECD
060132

NOTES:

1. PART SHALL BE TRIMMED IN ACCORDANCE W/ DWG. 22-K011-00.
2. PREPARE PART AS INDICATED PRIOR TO COMPONENT ASSY.
3. APPLY & SMOOTH WHITE SILICONE AT BBL NUT HEADS AFTER INSTALL'N.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	03/10/03		03-03-15
B	#03 WAS 1411453, ADDED #7, DELETE #6	JM	04/07/05		05-03-66
C	CHANGED TO CURRENT ATTRIBUTED BORDER	JFH	03/02/06	AVM	060132



ASSEMBLED VIEW

PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	FIBERGLASS PART, ACC CVR, STERNDECK, PORT	22K01100
	1	EA.	FIBERGLASS PART, ACC CVR, STERNDECK, STBD	
02	2	EA.	HINGE, DOOR SS 1.5" x 3.00"	1617323
03	1	EA.	LATCH, FLUSH MNT N/LOCKING SLAM SS	1781434
04	6	EA.	SCREW, MACHINE #10-24 x 1/2" POH	1008432
05	6	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
06	2	EA.	SCREW, MACHINE #8-32 x .75" PTH	1010735
07	1	EA.	PLATE, FLAT BRKT 2" SHORT SCREW W/HDWR PKG	1781436

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: R.AVILA	DATE: 07/03/02	DRAWN: RDURHAM	DATE: 07/03/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K.RANIERI	DATE: 06/09/05	DWG. TITLE:			22DNT	
DESIGN: V.KNIGHT	DATE: 06/09/05	ACC COVER SUB ASSY.			INIT. REL. ECN NO:	SHT. NO.
INT. ENG: M.GATICA	DATE: 06/09/05				020531	09402
					1 of 1	

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DWG. NO:
09404

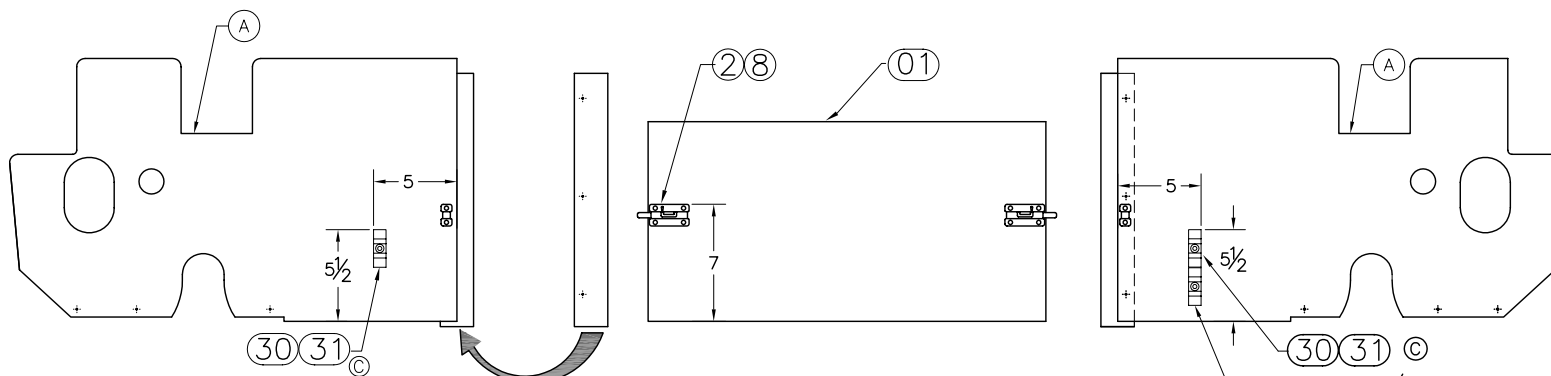
REV.
J

CURRENT ECD
060132

NOTES:

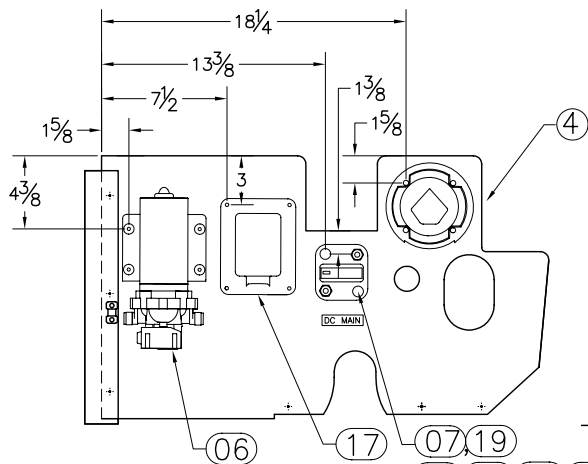
1. DELETE 30,31 W/ T-TOP OPT: 100-70519

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	ITEM #11 BREAKER P/N 1750593 WAS 670471, SHEETS 1 & 2.	SL	08/18/03	ZAC	030301
I	CHANGED PN# AND DESCRIPTION ITEM 27, SHEET 1 & 2	SLJ	04/05/05	ME	050319
J	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



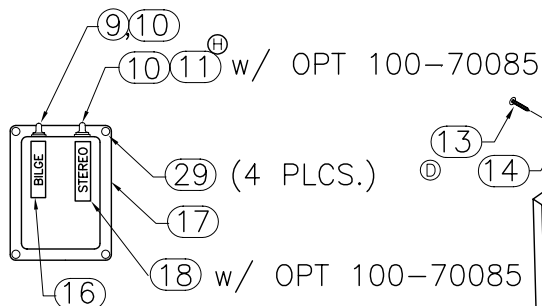
FORWARD FACE OF BULKHEAD

ADD W/ OPT:100-70203
OPT:100-70515

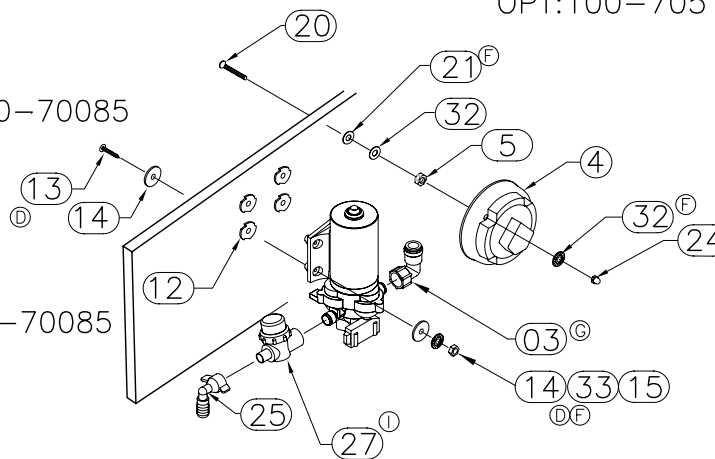


OPT: 100-70209
OPT: 100-70203

AFT FACE OF STBD PART



BREAKER ENCL. DETAIL



TYPICAL INSTALLATION

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: R.A.	DATE: 06/26/02	DRAWN: H READ	DATE: 06/18/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: K.R.	DATE: 06/26/02	DWG. TITLE: BULKHD STERNDECK AFT			INIT. REL. ECN NO: 020531	DWG. NO: 09404
DESIGN: L.SCHOLZ	DATE: 06/26/02					SHT. NO. 1 of 2
INT. ENG: M. GATICA	DATE: 09/10/02					

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DWG. NO:
09404

REV.
J

CURRENT ECD
060132

NOTES:

PARTS LIST

ITEM	STD. QTY.	OPTIONAL QTY.	U/M	DESCRIPTION	B.W.I. NO.
1	1		EA.	BULKHD, P/B BW22DNT-03 STERNDECK AFT	1733853
2	2		EA.	BOLT, BARREL/SS SPRING LOADED	1206143
③ 3		1	EA.	FITTING, NEPT 1/2" FEM X 15MM ELB SWVL 90DEG	1453935
4	1		EA.	SWITCH, BATTERY SELECTOR W/O LOCK/DISC	162693
④ 5	4		EA.	NUT, HEX #10-24 SC	1259506
6		1	EA.	PUMP, WASHDOWN 3.5GPM 45PSI 12V EPO	1688678
7	1		EA.	BRKR, SURF MNT THERMAL 50AMP SWITCHABLE	1475441
⑤ ⑥ 8	12		EA.	SCREW, TAPPING #6A x 1/2" PFH SC	1010362
9	1		EA.	BRKR, MANUAL RESET 5A	0670497
10	1	1	EA.	BOOT, RESET BRKR CLEAR	1066547
⑦ 11		1	EA.	BRKR, MANUAL RESET 15A	1750593
⑧ 12	2	4	EA.	NUT, TEE #1/4-20 X 5/16" SS	768564
⑨ 13		4	EA.	SCREW, MACHINE #1/4-20 X 1.75" PPH SC	1008606
⑩ ⑪ 14	2	8	EA.	WASHER, FLAT #1/4" SC	1260769
⑫ ⑬ 15	2	4	EA.	NUT, HEX #10-24 SC	1259506
16	1		EA.	LABEL, BILGE	0756866
17	1		EA.	BOX, ABS HARNESS	1037530
18		1	EA.	LABEL, BW STEREO	1075266
19	1		EA.	LABEL, BW DC MAIN BREAKER	1075282
⑭ 20	4		EA.	SCREW, MACHINE #10-24 X 1 3/4" PPH SC	1008648
⑮ 21	8		EA.	WASHER, FLAT #10 SC	1260751
22	-		EA.	-	-
⑯ ⑰ 23	4		EA.	WASHER, LOCK SPLIT 1/4" SC	1260595
24	4		EA.	NUT, ACORN #10-24 SC	1330554
25		1	EA.	ELBOW, PVC 1/2" FPT SWIVEL X 3/4" BARB	0626101
⑱ 26		1	EA.	ADAPTER, WHALE 1/2" F-15MM BRASS	1137041
⑲ 27		1	EA.	FILTER, IN-LINE WATER 1/2" MPSM X 1/2" NPSF	1797944
28	2		EA.	SCREW, MACHINE #1/4-20 X 1.5" PPH SC	1008598
⑳ ㉑ 29	4		EA.	SCREW, #8A X 1/2" PTH SC	1008812
㉒ 30	1	.5	PR.	CLIP, POLE STRG BLK - MAST LIGHT	590646
㉓ 31	2	1	EA.	SCREW, TAPPING #10A X 3/4" PTH SC	1008762
㉔ 32	4		EA.	WASHER, STAR #10	768465
㉕ 33	6		EA.	WASHER, STAR #1/4 SS	1008929

OPT: 100-70209
 OPT: 100-70203
 OPT: 100-70085
 OPT: 100-70515



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: H READ	DATE: 06/18/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO. 020531
DWG. TITLE: BULKHD STERNDECK AFT			INIT. REL. ECN NO: 020531	DWG. NO: 09404
				SHT. NO. 2 OF 2

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DWG. NO: 09201 REV. P CURRENT ECD 060692

1. REF. DWG. 16201 FOR HOLE CUTOUTS AND LOCATIONS.
2. SECURE HOSES & WIRES AS NEEDED
MAXIMUM SPACING - 14"

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	DELETE STEERING ELBOW #1804872 AND #1790999.	AVM	03/15/06	ME	060316
J	DELETE #85 & 91, 88 WAS 1778036, 89 WAS 0115311, ADD 117	HJR	03/27/06	MG	060223
K	ADDED OPT # 020-70130 TO NOTE AND BOM, SHEETS 1 & 6	SLJ	03/31/06	MG	060372
L	ADDED OPT # 100-70085, #118	HJR	04/19/06	MG	060392
M	MYE '07, MOVED ALL OR PART TO 08600, 70 WAS QTY 5 @ OPT.	HJR	04/19/06	MG	0603117
N	#92 WAS 1007764	SWH	06/02/06	AVM	0604144
O	MYE 07: #118 WAS 1806374	SWH	06/15/06	MG	060392
P	MYE '07 ITEM # 83 WAS 1802838	TW	07/07/06		060692

**STD. & OPT: 100-70005, 100-70130
DEL. W/OPTS: 020-79999 & 020-70405

OPTS: 020-79999
020-70405

OPTS: 020-70271
020-70286
ⓕ 100-70401

STD.
DEL. W/OPTS:
020-70271
020-70286
ⓕ 100-70401

W/OPTS:
020-70271
020-70286
ⓕ 100-70401

USE I.P.S.
TO INSTALL
TO CNSL

W/OPT:
100-70085
ⓐ 4 EA.
P/S

1/4" OFF TRIM

NOTE:
MOUNT MAGNETIC BALL
TO CONSOLE FIRST. ALIGN
CATCH WITH BALL AND
MOUNT TO DOOR. APPLY
LOCKTITE TO SECURING
SCREWS AT NUTS.

W/OPT:
ⓐ 116-100-70519

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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DO NOT SCALE DRAWING



CHECKED: A. DALE	DATE: 08/10/05	DRAWN: M.ZAFFUTO	DATE: 9/28/05	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: K. RANIERI	DATE: 08/10/05	DWG. TITLE: CONSOLE SUB ASSEMBLY			INIT. REL. ECN NO: 050663	DWG. NO: 09201
DESIGN: V.P. KNIGHT	DATE: 08/10/05					SHT. NO. 1 of 6
INT. ENG: M. GATICA	DATE: 08/10/05					

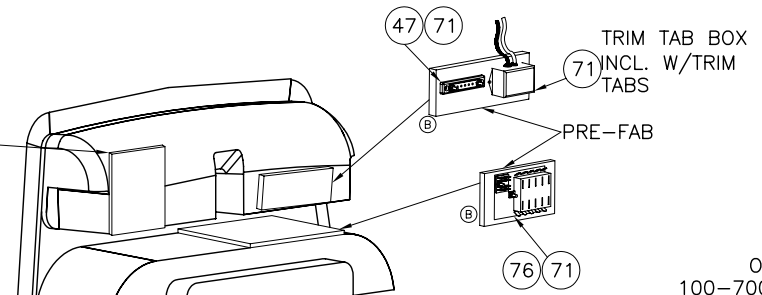
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DWG. NO:
09201

REV.
P

CURRENT ECD
060692

NOTE:
PUMP TO BE CENTERED
ON PRE-FAB INSIDE
CONSOLE



OPT: 14
100-70081

OPT: 35
100-70085

STD. & OPT: 100-70005
DEL. W/OPTS:
020-79999,
020-70405,
020-70271,
020-70286

118 100-70085 (DO NOT USE
FACE PLATE)

OPTS: 71
020-70271
020-70286
Ⓢ 100-70401

STD. & OPT: 100-70005,
Ⓢ 100-70401
DEL. W/OPT: 020-79999
& 020-70405

USE I.P.S.
TO INSTALL
TO CNSL

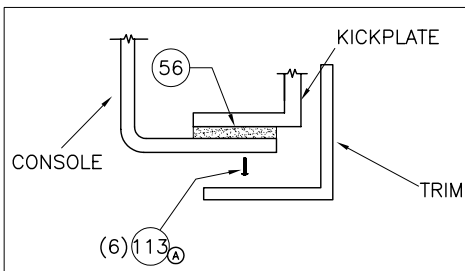
USE I.P.S.
TO INSTALL
TO CNSL

REF. SHEET 4
FOR INSTALLATION
DETAILS

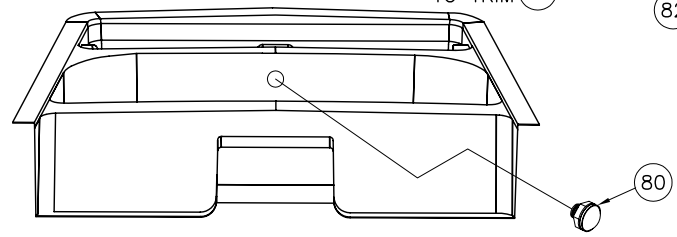
INCLUDED
W/#82 (14)

USE I.P.S.
TO INSTALL
TO TRIM

USE TIE BLOCKS
EVERY 12" TO APPLY
ELECTRONICS TO
CONSOLE LINER.



CONSOLE ATTACHMENT DETAIL



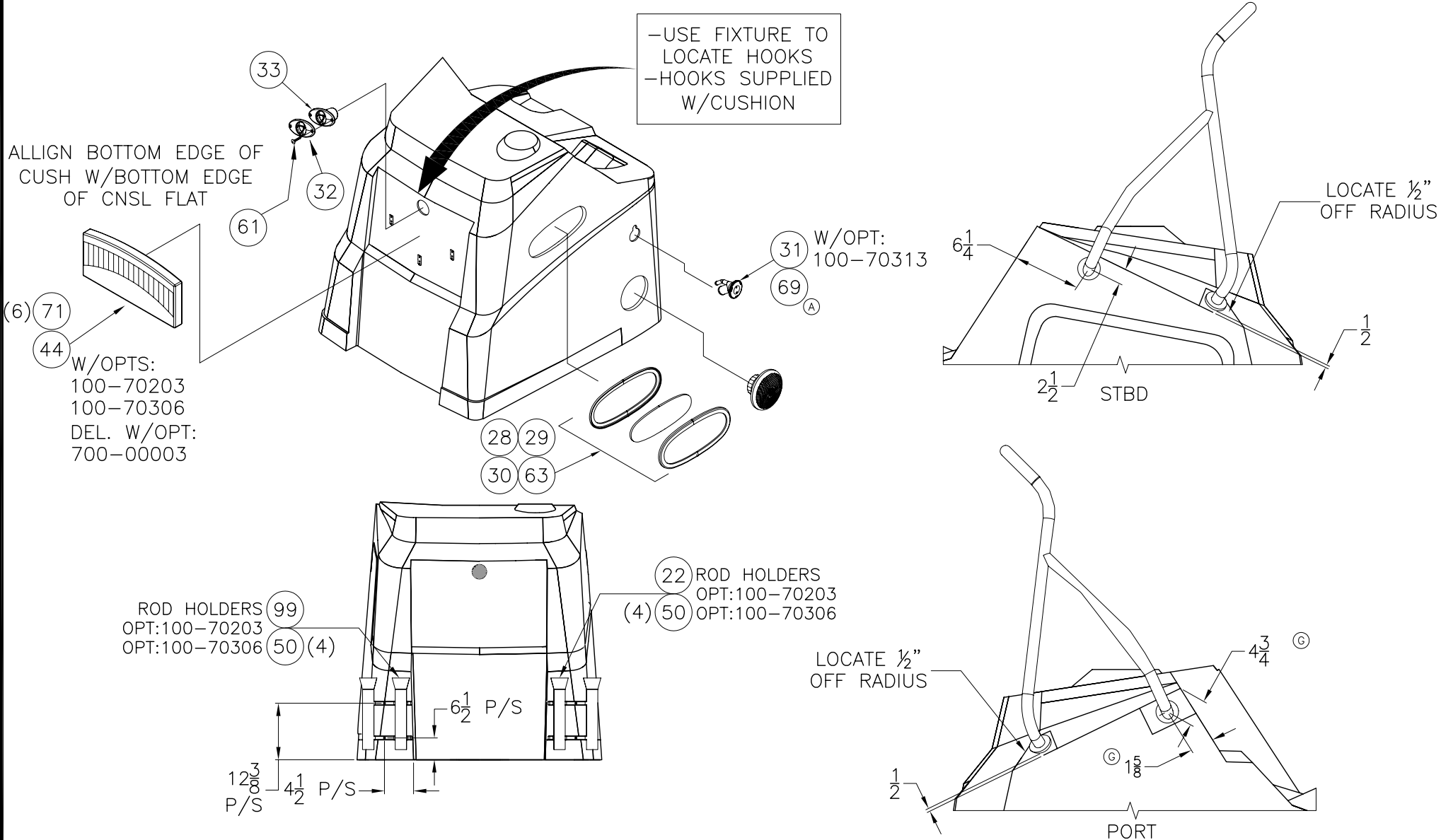
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.X = ± .1 X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: M.ZAFFUTO DATE: 9/28/05 SCALE: NONE
DWG. TITLE:
CONSOLE SUB ASSEMBLY

BOAT MODEL
22DNT
INIT. REL. ECN NO:
050663

MOLD NO.
DWG. NO:
09201

SHT. NO.
2 OF 6



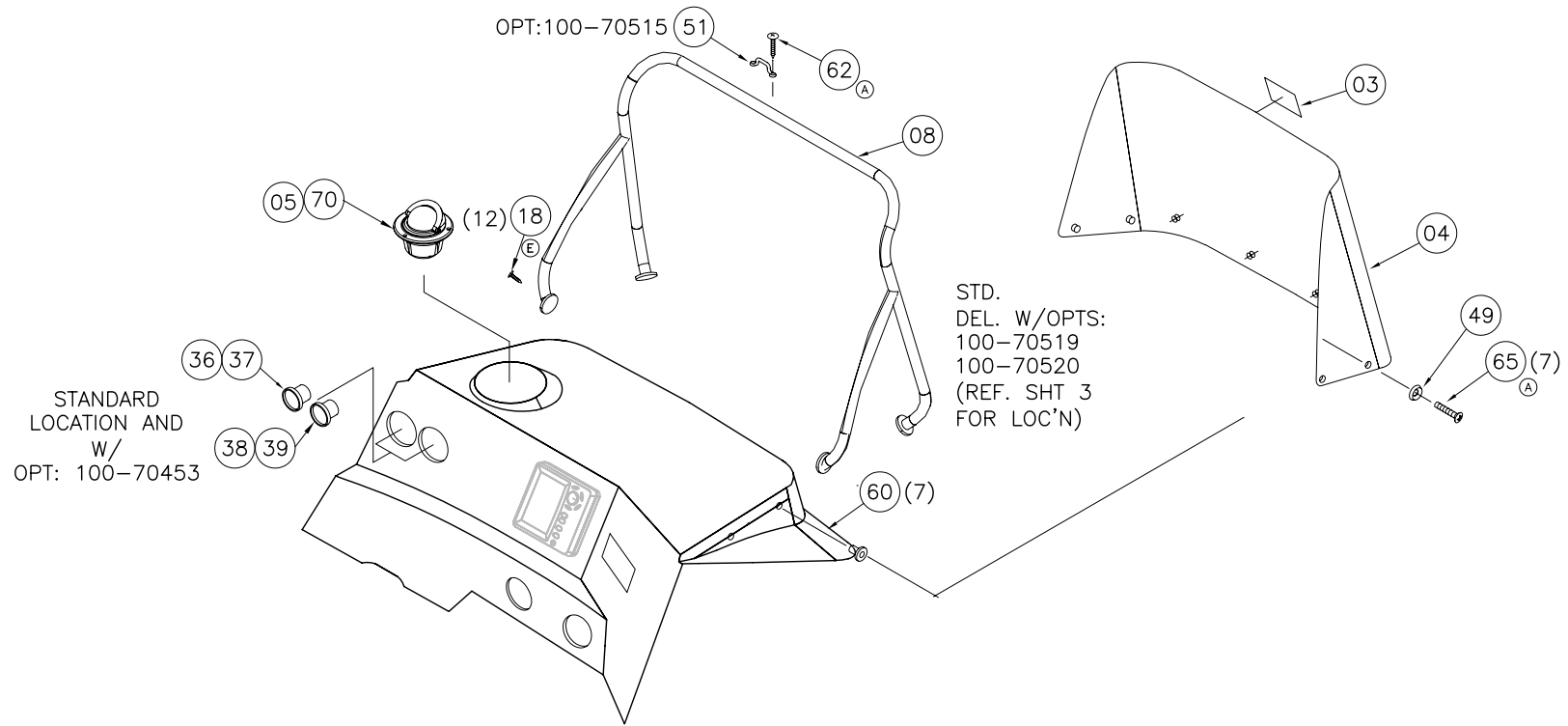
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DWG. NO:
09201

REV.
P

CURRENT ECD
060692

*OPT:100-70453
DEL W/ OPTS:
700-00011
700-00012



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DWG. NO:
09201

REV. P

CURRENT ECD
060692

BILL OF MATERIAL

ITEM	QTY.		U/M	DESCRIPTION	B.W.I. NO.
	STD	OPT.			
01	1		EA	FIBERGLASS PART, CONSOLE, 22DNT	22-K245-00
02	1		EA	DOOR, ACRY BW220DA-03 CNSL STB BIFOLD	1807555
03	1		EA	LABEL, WINDSHIELD CARE	1016955
04	1		EA	W/S, BW22DNT-06 CNSL CLEAR	1807556
05	1		EA	COMPASS,FLSHMT 3 7/8" BLK WT HSE/GREEN LT	1791615
06	1	1	EA	PANEL, BW22DNT-06 INST W/SW	1807826
07		1	EA	PANEL, BLANK:BW22DNT-06 INST W/SW	1807827
08	1		EA	RAIL, GRAB BW220DA-06 CNSL W/S	1808398
09	1	1	EA	ACC PART, MERC SWITCH (SAFETY ASSY)	0882605
10	1		EA	STEERING, HELM PUMP SEA STAR I TILT	0317032
11		1	EA	STEERING, HELM PUMP MERC 40 CM3 TILT	1772666
12	1		EA	STEERING WHEEL, 14" 5-SPOKE SS 22DEG BLK GRIP	1716617
13	1		EA	EMBLEM, BW STEERING WHL CAP	1021054
14		1	EA	TRIM TAB, ASSY 9X9 W/POTTED SW BW-05	1782251
15		1	EA	PUMP, FRESH WATER SHURFLO 2.8GPM IMP	1128164
16		1	EA	FILTER, IN-LINE WATER 1/2"MPSM X 1/2"NPSF	1797944
17		2	EA	FITTING, NEPT 1/2"FEM X 15MM ELB SWVL 90DEG	1453935
18	12		EA	SCREW, MACHINE #10-24 X 1" PPH SC	1213222
19		4	EA	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
20		9	EA	SCREW, TAPPING #8A x 1" PTH SC	1008804
21		2	EA	SPEAKER, COAXIAL 6.5" W/WHT CVR & WHT TWEETER	1690555
22		1	EA	HOLDER, HDPE BW22DNT-06 ROD CNSL PRT	1809850
23	1		EA	CONTROL, CNSL MNT SGL N/HARNESS GEN II	1752911
24		1	EA	CONTROL, CNSL MNT SLIM DTS N/HARNESS '06	1802837
25	1		EA	FIBERGLASS PART, CONSOLE KICKPLATE, 22DNT06	22-K246-00
26		1	EA	RECEPTACLE, FEMALE 12V LONG THRD BLK	1287283
27	1		EA	HOLDER, PLEX BW22DNT-06 CNSL KEEPER	1809163
28	1		EA	PORTLIGHT, ELLIPSE 6"X 16" WHT W/TRIM RING	1508712
29	3.5		FT	PORTLIGHT, GASKET 3/8" SATURATED FOAM	1615194
30	1		EA	SCREEN, PORTHOLD ELLIPSE BOMAR	1508738
31		1	EA	DECK PLATE, WATER CHR W/VENT BLUE CLR-CODE	1109362
32	1		EA	HORN, GRILL SGL SS OVERLAY SERIES 84400-1	1781252
33	1		EA	HORN, SGL BLK NO CONN SERIES 84400-1	1780938
34	1		EA	HOLDER, MAGNETIC SHORT	1746047
35		1	EA	STEREO, REMOTE CNTRL W/DIG DSPLY FOR CMD4 BLK	1803894
36	1	1	EA	GAUGE, TACH S-CRFT SC1000 SYS BLK BZL	1790318
37	1	1	EA	HARNESS, ENG SC1000 SYS TACH/MONITOR 3'	1790320
38	1	1	EA	GAUGE, SPEEDO S-CRFT SYS	1507169
39	1	1	EA	HARNESS, SC1000 SYS SPEED 3'	1790321
40		1	EA	DEPTH FINDER, FISH FIND NAVMAN 4350 DISPLAY	1794112
41		1	EA	GPS, NAVMAN 5500X TRACKER	1771575
42		1	EA	RADIO, VHF NAVMAN 7100 DSC	1774362
43		1	EA	RADIO, VHF NAVMAN 7100 CAN	1788725
44		1	EA	CUSH, BW22DNT-06 CNSL B/R	1809166
45	1		EA	ACC PART, MERC S-CRFT AIR TEMP SENSOR	1690376
46	1		EA	TRIM, PVC BW22DNT-06 CNSL	1809157
47	1		EA	BUSS BAR, MINIBUS BAR DC	1324334
48	1	1	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
49	7		EA	WASHER, FINISH #10 SS	0896258
50		8	EA	SCREW, TAPPING #10A X 1.25" PPH SC	1213263
51		1	EA	EYE, STRAP EYE TIE-DOWN 5/16" CHR/ZINC	0861120
52	1		EA	FIBERGLASS PART, CONSOLE INTERIOR, 22DNT	22-K260-00
53	1		EA	LIGHT, DOME INTERIOR 5.75" WHT SURF MNT	1131572
54		1	EA	STEREO, AM/FM CD W/CHNGR/SIR SAT PLAYER CMD4	1803464
55		1	EA	ANTENNA LEAD, STEREO SOFT WIRE 30"	0875484
56	.75		TB	ADHESIVE, WELD-ON SS 214 2PART 470ML	1558485
57	2		EA	SCREW, TAPPING #8A X 1/2" PFH SC	1008390
58	8		FT	HOSE, CORR BILGE 1.5" BLK	0123919
59	14		EA	SCREW, TAPPING #10A X 3/4" PTH SC	1008762
60	7		EA	NUT, WELL 10-32 LONG	1037050

(M) (M) (M) (M)

MOLD NO.
BOAT MODEL
22DNT
INIT. REL. ECD NO.
050663
DWG. NO.
09201

DRAWN: M.ZAFFUTO
DWG. TITLE:
SCALE: NONE
DATE: 9/28/05
CONSULE SUB ASSEMBLY

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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DWG. NO: 09201
 REV. P
 CURRENT ECD 060692

(M) (M) (P) (J) (M) (M) (J) (M) (J) (N) (M) (M) (M) (M) (M) (M) (M) (M) (H) (H) (M) (K) (B) (D) (M) (J) (O) (L)

BILL OF MATERIAL					
ITEM	QTY.		U/M	DESCRIPTION	B.W.I. NO.
	STD	OPT.			
61	2		EA	SCREW, TAPPING #8A X 1" PPH SC	1213115
62	2	2	EA	SCREW, MACHINE #8-32 X 5/8" POH SC	1347186
63	14		EA	SCREW, MACHINE #8-32 X 1" PTH SC	1008713
64	4		EA	SCREW, MACHINE #10-24 X 5/8 POH SC	1010545
65	7		EA	SCREW, MACHINE #10-32 X 1.25" PFH SC	1010107
66		12	EA	SCREW, MACHINE #10-24 X 1" PFH SC	1326321
67		1	EA	TRANSDUCER, TRNSM MNT NAVMAN 4350 FISH	1794113
68			EA	WASHER, FLAT #8 SC	1326297
69		3	EA	SCREW, TAPPING #8A X 5/8" PPH SC	1010677
70	5		EA	SCREW, TAPPING #6A X 5/8" POH SC	1008572
71	16	14	EA	SCREW, TAPPING #8 x 5/8" PTH SC	1010925
72	1		EA	HOLDER, ACRY BW22DNT-06 CUP	1807557
73		3	EA	SCREW, TAPPING #8A X 1" POH SC	1213065
74	1		EA	PANEL, HDPE BW22DNT-06 CLOSEOUT ELECTRONICS	1807558
75	1		EA	SWITCH, IGN ASSY 4-POSITION N/HOUSING	1803407
76	1		EA	FUSE BLOCK, 10-GNG BLADE-TYPE W/BLANK LABELS	1688102
77	2		EA	SCREW, TAPPING #10A X 2" POH SC	1261163
78	2		EA	WASHER, FLAT #10 SC	1260751
79	2		EA	NUT, HEX NYLON LOCK #10-24 SC	1007772
80	1		EA	LIGHT, COURTESY WATERPROOF FRONT MNT W/NUT	1078625
81		6	EA	SCREW, TAPPING #6A X 1/2" PFH SC	1010362
82	1		EA	CUSH, BW2600R-98 CNSL STRG POUCH WHT	1063437
83		1	EA	ACC PART, MERC SLIM CNSL CMM KIT GEN I	1849604
84	1		EA	SPACER, PLAS AIR TEMP SENSOR MERC ORNG	1795151
85		1	EA	CONN, SOLDERLESS W/CTR PIN	1274588
86		3	EA	SCREW, TAPPING #4A X 5/8" POH SC	1007822
87		1	EA	FITTING, WATER TIGHT OUTLET FOR 5/16" CABLE	0122853
88		1	EA	ANTENNA, VHF 3' SS WHIP W/PL250 CONN	1778036
89		1	EA	MOUNT, RATCHET VHF 4-WAY W/1"-14 MALE THD SS	0115311
90		4	EA	SCREW, MACHINE #1/4-20 X 1" POH SC	1213198
91		1	EA	BRACKET, 1/8"X 3.5"X 5" ANTENNA MOUNT	1539204
92		4	EA	NUT, LOCK #1/4-20 SC STD PATT	1009786
93		4	EA	WASHER, FLAT #1/4" SC	1260769
94		0	FT	WIRE, 14GA AWG BLK INSUL TIN/CPR	1000140
95		0	FT	WIRE, 14GA AWG RED	0135814
96		1	EA	FUSE, BLADE TYPE CLOSED 2A	0842021
97		1	EA	FUSE, BLADE TYPE ATO 7.5A	0520676
98		1	EA	FUSE, BLADE TYPE ATC 1A	0706721
99		1	EA	HOLDER, HDPE BW22DNT-06 ROD CNSL STBD	1807554
100		2	EA	FLUSH MOUNT KIT, NAVMAN 4100 FISHFINDER	1770912
101		3	EA	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
102		3	EA	SCREW, MACHINE #8-32 X 1" PTH SC	1008713
103		6	FT	WEBBING, BW-97 STRAP NYLON 1"	1030105
104		2	EA	UPH PARTS, BUCKLE 1" SIDE RELEASE M/F BLK	0871004
105	8		FT	CORD, NYLON 1/8" WHT	1033372
106		3	EA	WASHER, FLAT #8 SC	1326297
107	17	4	FT	TRIM, EDGE WHT 1/4" FLEX U-TRIM	1757260
108		1	EA	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999
109		1	EA	STEERING, ELBOW BR 11/16" ORFS FEMALE X MALE	1804872
110	1		EA	ACCESS PLATE, PLAS 6" BEIGE	1799578
111		2	EA	HOLDER, HDPE BW22DNT-06 FISHING SEAT	1810953
112		1	EA	CONN, COAX FOR 90DEG M/FM VHF	1784483
113	8		EA	SCREW, TAPPING #8A X 3/4" PFH SC	1008408
114	28		EA	SCREW, TAPPING #4A X 1/2" PFH SC	1010347
115	1	1	EA	SPACER-HDPE SG1 CONTROL	1815229
116		1	EA	SHIM, HDPE 3/4" BW-04 MAGNETIC HLDR SHORT	1758373
117	1		EA	SHIM, PLAS NAVMAN ATTNNA PLAS BASE 5DEG WHT	1831249
118	-	1	EA	VIDEO EQUIPMENT, AUXILIARY INPUT MA-AUX2	1849383

 BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP	INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .XXX = ± .010 .X = ± .1 .XX = ± .03 X = ± 1/16	DRAWN: M. ZAFFUTO DWG. TITLE: CONSOLE SUB ASSEMBLY	DATE: 9/28/05 SCALE: NONE	BOAT MODEL: 22DNT MOLD NO.	INIT. REL. ECD NO: 050663 DWG. NO: 09201	SHT. NO. 6 of 6
	DO NOT SCALE DRAWING					

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DWG. NO:
07210

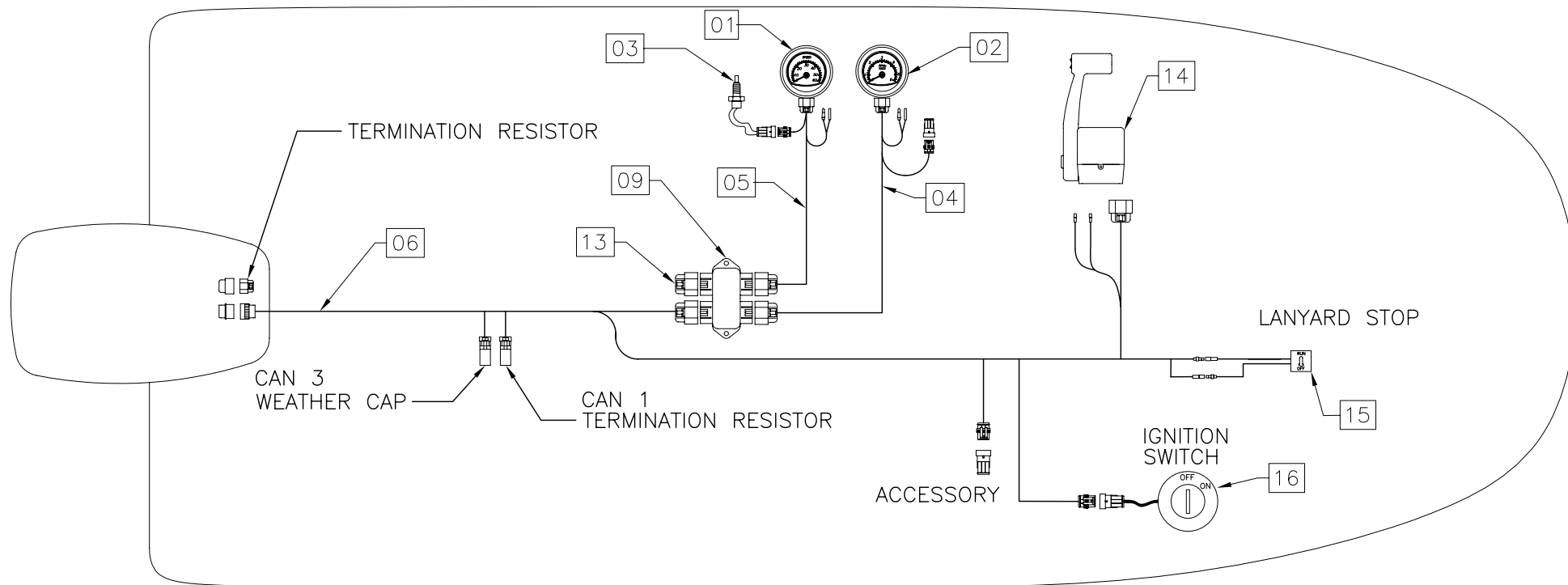
REV.
D

CURRENT ECD
060132

NOTES:

- REFER TO ENGINE INSTALLATION MANUAL FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	REMOVE DIELECTRIC GREASE NOTE	HJR	08/28/02	MG	020531
B	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	031003	-	030302
C	MYE '06: UPDATE SCHEMATIC/BOM; SEE MODEL SPACE	MRZ	05/31/05	MG	050505
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



WARNING!

CORRECT INSTALLATION AND LOCATION OF THE TERMINATOR RESISTORS ARE CRITICAL FOR PROPER SYSTEM FUNCTION. IMPROPER INSTALLATION MAY RESULT IN COMMUNICATION ERRORS.

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 7/22/02	DRAWN: R CLIFTON	DATE: 07/19/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: R. CLIFTON	DATE: 7/22/02	DWG. TITLE:		22DNT		
DESIGN: L. SCHOLZ	DATE: 7/22/02	SMARTCRAFT SINGLE DELUXE			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 6/08/05				020531	07210
					SHT. NO.	
					1	of 2

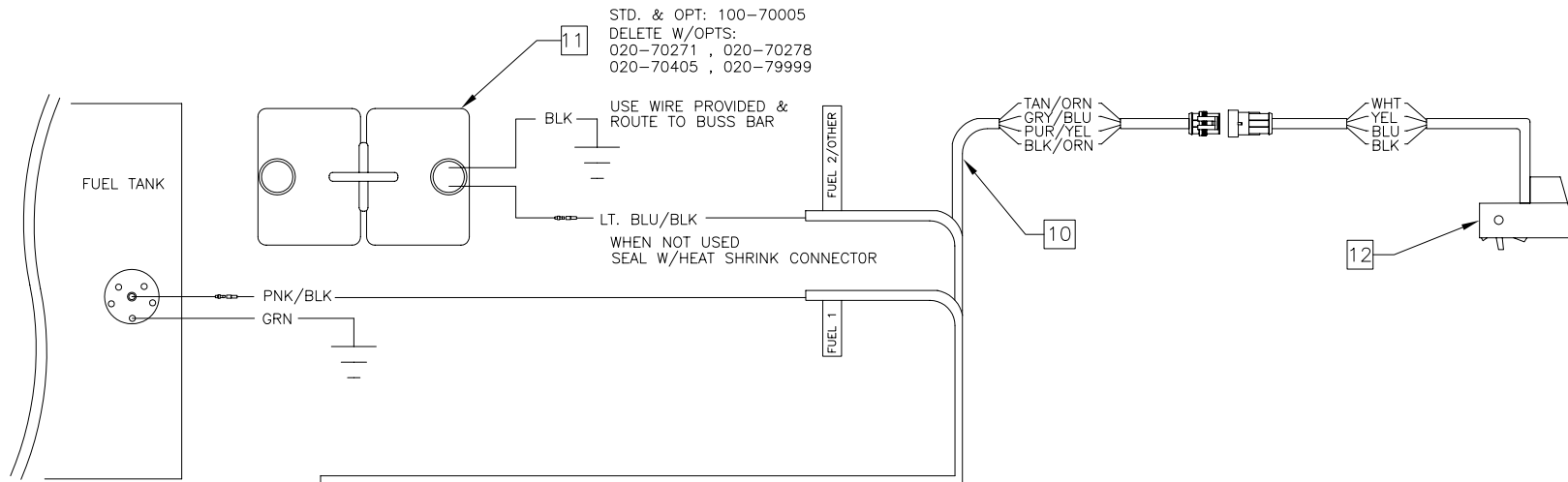
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DWG. NO:
07210

REV.
D

CURRENT ECD
060132

NOTES:



BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	SYSTEM SPEEDOMETER	----
02	1	EA	SYSTEM TACHOMETER	----
03	1	EA	MERCURY AIR TEMP SENSOR	----
04	1	EA	TACH HARNESS SC1000-SL-3'	----
05	1	EA	SPEEDO HARNESS SC1000-3'	----
06	1	EA	HARNESS, IGN/CHOKE ASSY 14 PIN 20'	1802105
07	1	EA	HARNESS, MERC DATA S-CRFT 1000-1RSL-20'	1507268
08	1	EA	ACC PART, MERC S-CRFT TERMINATOR JUNC BOX	1507334
09	1	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
10	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
11	1	EA	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
12	1	EA	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942
13	1	EA	ACC PART, MERC S-CRFT WTHR CAP 10POS CAP	1507342
14	1	EA	CONTROL, CNSL MNT SGL N/HARNESS 4000 GEN II	1752911
15	1	EA	ACC PART, MERC SWITCH (SAFETY ASSY)	882605
16	1	EA	SWITCH, IGN ASSY 4-POSITION W/HOUSING	1801954



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.X = ± .1 X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: R CLIFTON

DATE: 07/19/02

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

22DNT

SMARTCRAFT SINGLE DELUXE

INIT. REL. ECN NO:

DWG. NO:

020531

07210

SHT. NO.

2 OF 2

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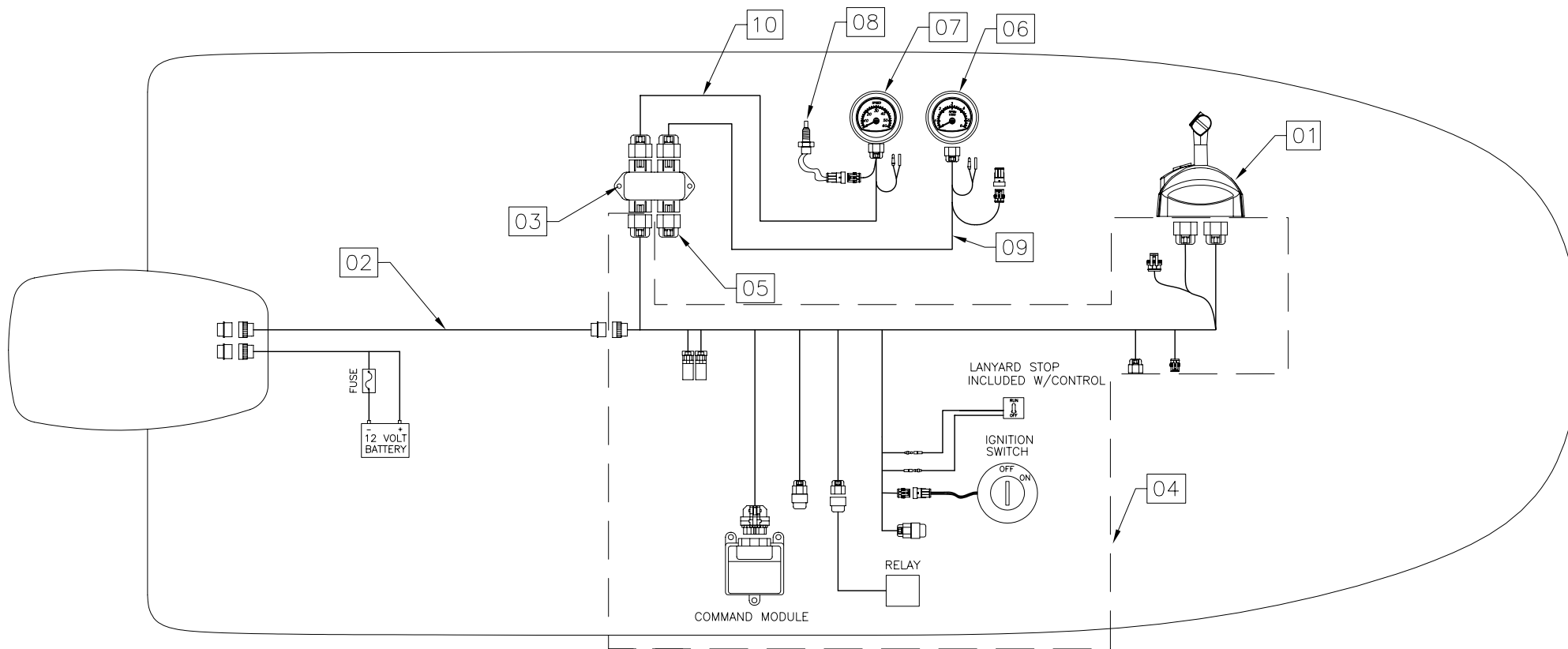
DWG. NO:
07211

REV.
J

CURRENT ECD
060692

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
G	MYE '06: ADDED P/N'S FOR ITEMS #6-10; #5 WAS 1740394	MRZ	07/05/05	MG	050663
H	ADD OPT. 020-70286	GD	10/11/05	RA	050723
I	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
J	MYE '07 ITEM # 4 WAS 1802838	TW	07/07/06		060692



OPT. 020-70271 225 XL VERADO 4-STROKE (DTS) MERCURY
 OPT. 020-70286 (EU) 225 XL VERADO 4-STROKE (DTS) MERCURY (H)

WARNING!
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 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 7/10/02	DRAWN: R. CLIFTON	DATE: 07/03/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: R. CLIFTON	DATE: 7/10/02	DWG. TITLE:			22DNT	
DESIGN: KR	DATE: 7/10/02	DIAGRAM, SMARTCRAFT W/DTS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 7/10/02				020531	07211
					SHT. NO.	
					1	of 2

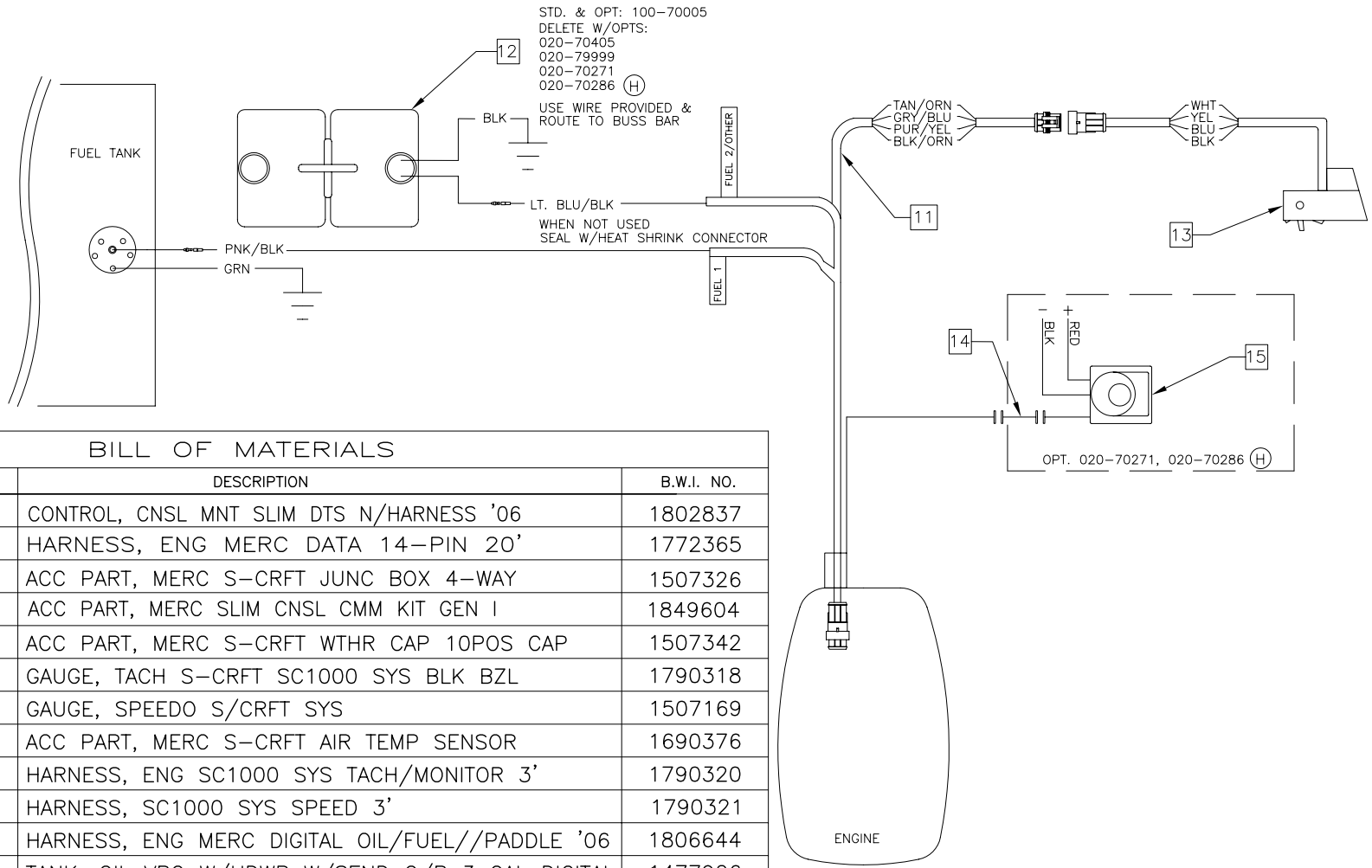
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DWG. NO:
07211

REV.
J

CURRENT ECD
060692

NOTES:



BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	CONTROL, CNSL MNT SLIM DTS N/HARNESS '06	1802837
02	1	EA	HARNESS, ENG MERC DATA 14-PIN 20'	1772365
03	1	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
04	1	EA	ACC PART, MERC SLIM CNSL CMM KIT GEN I	1849604
05	1	EA	ACC PART, MERC S-CRFT WTHR CAP 10POS CAP	1507342
06	1	EA	GAUGE, TACH S-CRFT SC1000 SYS BLK BZL	1790318
07	1	EA	GAUGE, SPEEDO S/CRFT SYS	1507169
08	1	EA	ACC PART, MERC S-CRFT AIR TEMP SENSOR	1690376
09	1	EA	HARNESS, ENG SC1000 SYS TACH/MONITOR 3'	1790320
010	1	EA	HARNESS, SC1000 SYS SPEED 3'	1790321
11	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL//PADDLE '06	1806644
12	1	EA	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
13	1	EA	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942
14	1	EA	HARNESS, MERC SIGNAL POWER PACK ENG 20'	1778812
15	1	EA	STEERING, POWER PACK MERC W/12' LEAD	1772668

J
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INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 X = ± 1/16
.XX = ± .03

DO NOT SCALE DRAWING

DRAWN: R. CLIFTON DATE: 07/03/02 SCALE: NONE
DWG. TITLE: DIAGRAM, SMARTCRAFT W/DTS

BOAT MODEL: 22DNT
MOLD NO.:
INIT. REL. ECN NO.: 020531
DWG. NO.: 07211
SHT. NO.: 2 OF 2

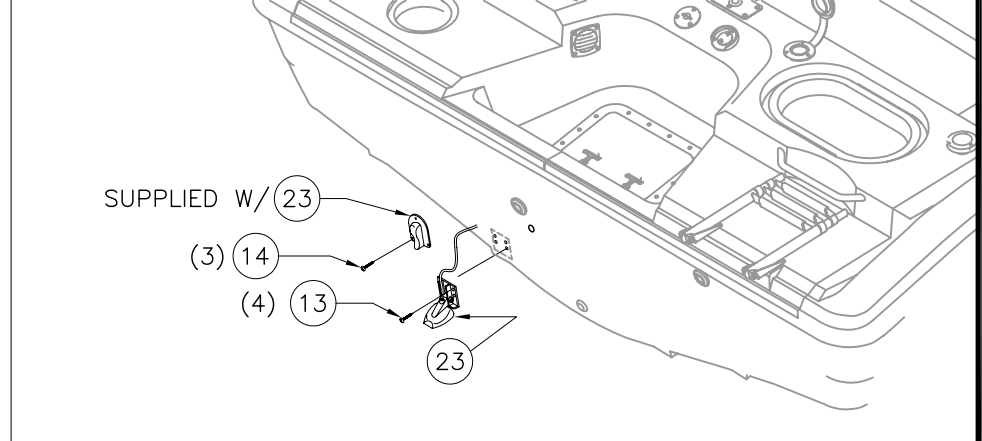
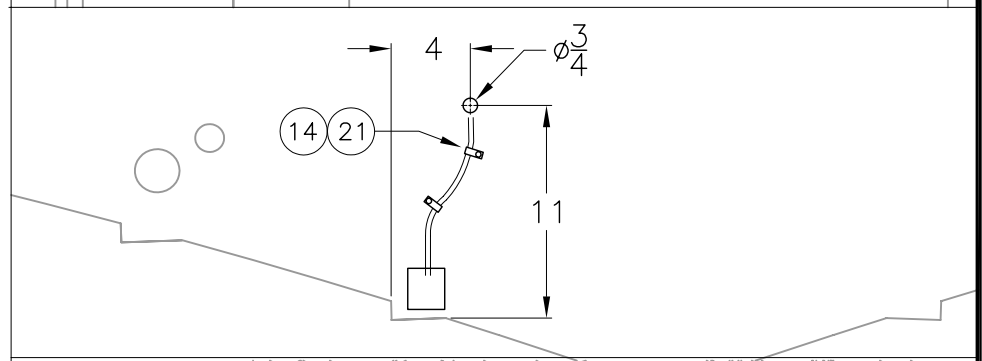
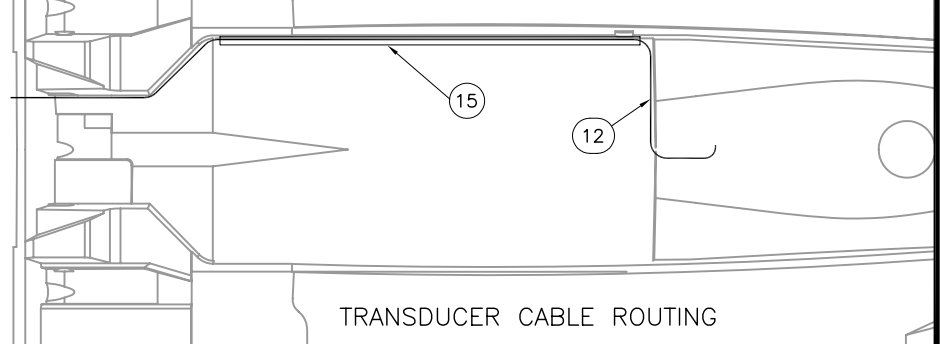
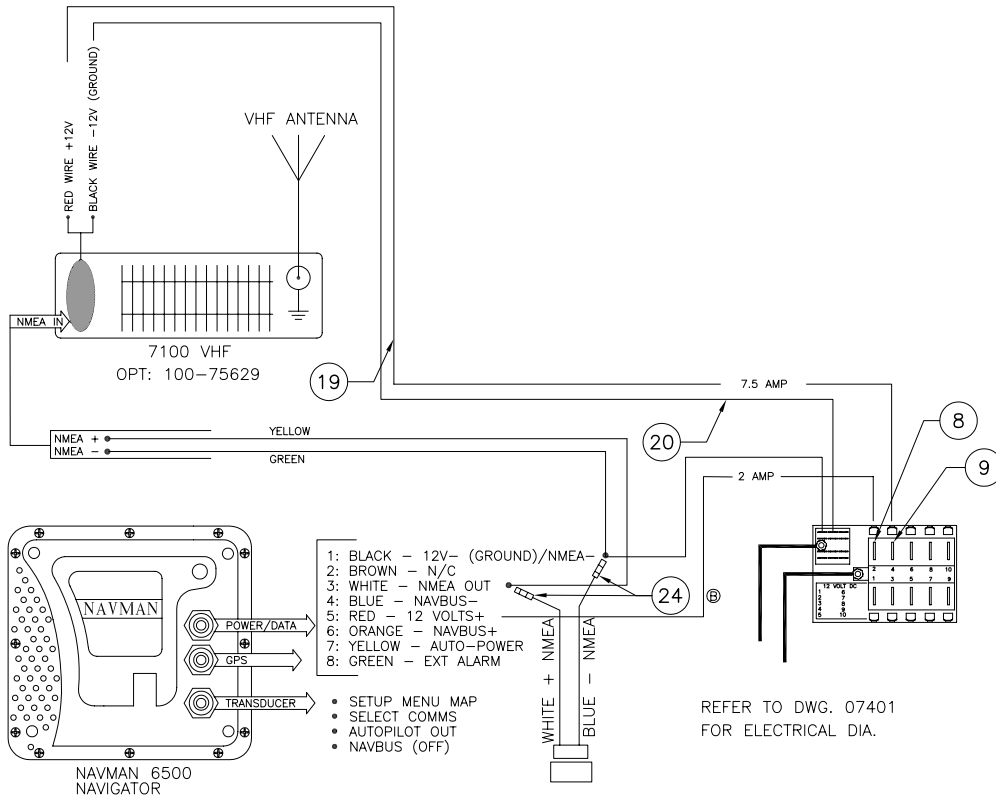
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DWG. NO:
08600

REV.
C

CURRENT ECD
0603117

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
-	SEE MODEL SPACE FOR REVISION HISTORY	-	-	-	-
A	MOVED DWG. FROM 09201.	JFH	9/28/05	HW	050663
B	MYE '07: MOVED BOM AND CONSOLE FROM 09201. #9 WAS IN OPT 70453, #10 WAS IN OPT 75629, 19 & 20 WAS QTY 0, 20 WAS 0135814, ADDED 24	HJR	4/19/06	MG	0603117
C	MYE '07: FIXED VIEW OF NAVMAN 6500 LOCATION PG. 2	JFH	06-08-06	MG	0603117



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: A. DALE	DATE: 08/10/05	DRAWN: M.ZAFFUTO	DATE: 9/28/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 08/10/05	DWG. TITLE:		22DNT		
DESIGN: V.P. KNIGHT	DATE: 08/10/05	ELECTRONICS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 08/10/05				050663	08600
					SHT. NO.	
					1	of 2

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DWG. NO:
08600

REV.
C

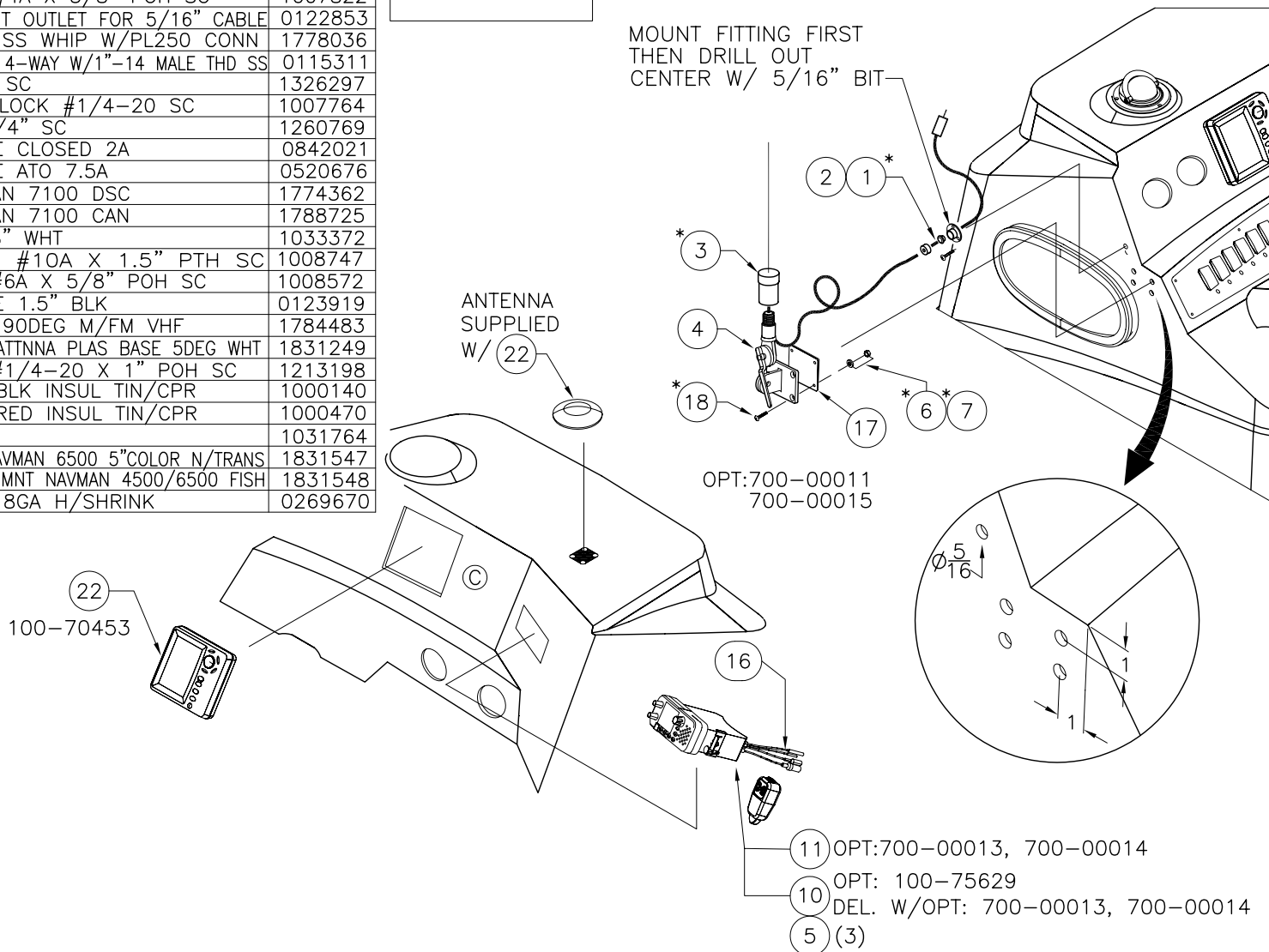
CURRENT ECD
0603117

BILL OF MATERIAL

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
1	3	EA	SCREW, TAPPING #4A X 5/8" POH SC	1007822
2	1	EA	FITTING, WATER TIGHT OUTLET FOR 5/16" CABLE	0122853
3	1	EA	ANTENNA, VHF 3' SS WHIP W/PL250 CONN	1778036
4	1	EA	MOUNT, RATCHET VHF 4-WAY W/1"-14 MALE THD SS	0115311
5	3	EA	WASHER, FLAT #8 SC	1326297
6	4	EA	NUT, HEX NYLON LOCK #1/4-20 SC	1007764
7	4	EA	WASHER, FLAT #1/4" SC	1260769
8	1	EA	FUSE, BLADE TYPE CLOSED 2A	0842021
9	1	EA	FUSE, BLADE TYPE ATO 7.5A	0520676
10	1	EA	RADIO, VHF NAVMAN 7100 DSC	1774362
11	1	EA	RADIO, VHF NAVMAN 7100 CAN	1788725
12	8	FT	CORD, NYLON 1/8" WHT	1033372
13	4	EA	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
14	5	EA	SCREW, TAPPING #6A X 5/8" POH SC	1008572
15	8	FT	HOSE, CORR BILGE 1.5" BLK	0123919
16	1	EA	CONN, COAX FOR 90DEG M/FM VHF	1784483
17	1	EA	SHIM, PLAS NAVMAN ATTNNA PLAS BASE 5DEG WHT	1831249
18	4	EA	SCREW, MACHINE #1/4-20 X 1" POH SC	1213198
19	2	FT	WIRE, 14GA AWG BLK INSUL TIN/CPR	1000140
20	2	FT	WIRE, 14GA AWG RED INSUL TIN/CPR	1000470
21	2	EA	TIE, CLIP BLK	1031764
22	1	EA	NAVIGATOR, SONDR NAVMAN 6500 5"COLOR N/TRANS	1831547
23	1	EA	TRANSDUCER, TRNSM MNT NAVMAN 4500/6500 FISH	1831548
24	2	EA	CONN, BUTT 22-18GA H/SHRINK	0269670

*OPT:100-75629
DEL W/ OPT:
700-00011

MOUNT FITTING FIRST
THEN DRILL OUT
CENTER W/ 5/16" BIT



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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.X = ± .1 X = ± 1/16
.XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: HAL READ DATE:04/19/06 SCALE: NONE

DWG. TITLE:

ELECTRONICS

BOAT MODEL

22DNT

INIT. REL. ECN NO:

050663

MOLD NO.

DWG. NO:

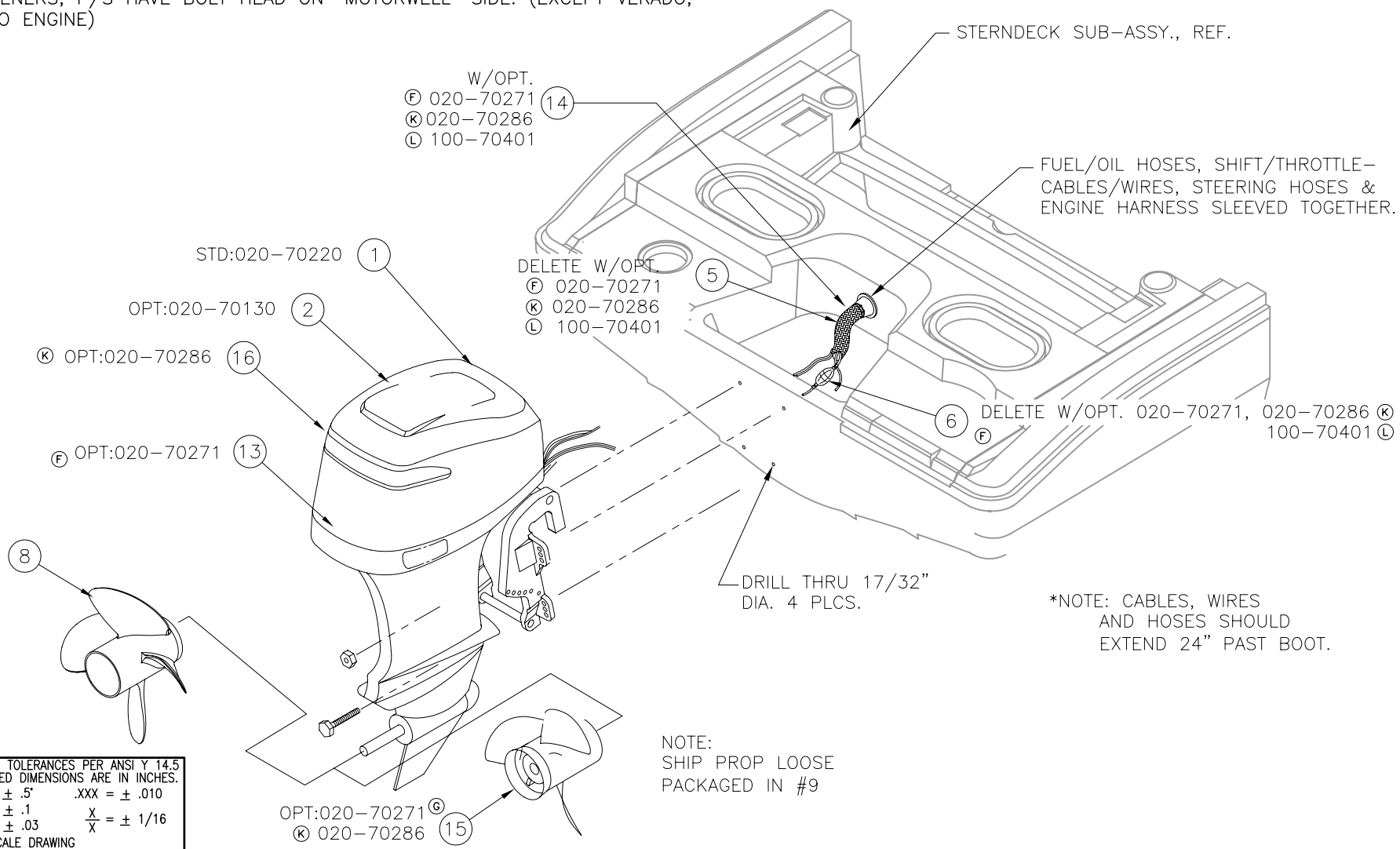
08600

SHT. NO.

2 OF 2

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	ADD ENGINE MOUNTING DETAIL PAGE 2	HJR	07/29/04	ZAC	04-07-31
I	MYE '06: DELETE F225 OPT.020-70238	HJR	04/05/05	MG	05-03-33
J	MYE '06: ITEM #13 P/N WAS 1773599	MRZ	06/02/05	MG	05-05-79
K	ADD OPT. 020-70286 & ENG ITEM # 16 PART # 1808167	GD	10/11/05	RA	05-07-23
L	ADD OPT. 100-70401	GD	11/10/05	RA	05-11-24
M	MYE '07 REVISED VERADO PN'S & DESCRIPTIONS	TW	06/30/06		06-06-112

- USE MERCURY INSTRUCTIONS & RIGGING TEMPLATE FOR HOLE LAYOUT AND INSTALLATION.
- HARDWARE INCLUDED w/ENGINE.
- MARK CENTERLINE OF TRANSOM FOR ALIGNING RIGGING TEMPLATE.
- HOLES TO BE DRILLED PERPENDICULAR TO TRANSOM AFTER DECK IS SET.
- ALL THRU-TRANSOM FASTENERS TO HAVE SEALANT APPLIED TO BOLT SHANKS.
- LOWER FASTENERS, P/S HAVE BOLT HEAD ON "ENGINE SIDE". UPPER FASTENERS, P/S HAVE BOLT HEAD ON "MOTORWELL" SIDE. (EXCEPT VERADO; BOLthead TO ENGINE)



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 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

CHECKED: RA	DATE: 08/20/02	DRAWN: R.CRAVEN	DATE: 07/12/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: KR	DATE: 08/20/02	DWG. TITLE: Engine Installation			INIT. REL. ECN NO: 020531	DWG. NO: 10201
DESIGN: L. SCHOLZ	DATE: 08/20/02					SHT. NO. 1 of 2
INT. ENG: M. GATICA	DATE: 09/10/02					

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DWG. NO:	REV.	CURRENT ECD
11201	X	0604144

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
U	CHANGED PN# & DESCR. ITEM 45, SHEETS 1 & 5	SLJ	09/19/05	AD	05-09-06
V	MYE '07, #82 WAS 1777084, ADDED 84,85,86 UP DATED OPT # 700-00015, DELETED 700-00012	HJR	03/29/06	MG	060223
W	MYE '07 ADDED 87 & 88 OPT 100-70505	HJR	04/19/06	MG	060414
X	#24 WAS 1007764	SWH	06/06/06	AVM	0604144

WITH OPT: 700-00004
ANCHOR ROLLER OPT & SUNTOP

OPT: 100-70306
COMFORT PACKAGE

WITH OPT: 100-70053

SPACE @6"
CENTERS

OPT: 020-79999,
020-70405,
020-70271

DELETE W/OPT:
020-79999,
020-70405,
020-70271

DETAIL-A

ITEM 43
LOCATIONS TO BE
PATTERNED FROM
FEMALE PORTION
ON CUSHION(S).

TEMPLATE 3/8" HOLE (FOR WIRING
PASS THRU FROM RAM) AFTER
TRIM TAB INSTALLED.

OPTION:
100-70081
TRIM TABS

TO MOUNT RAM TO PLATE

COOLER SEAT, OPTS: 100 70203, 100 70306 & 100-70224

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING

BOSTON WHALER
PRODUCT DEV. & MFG. ENGINEERING GROUP

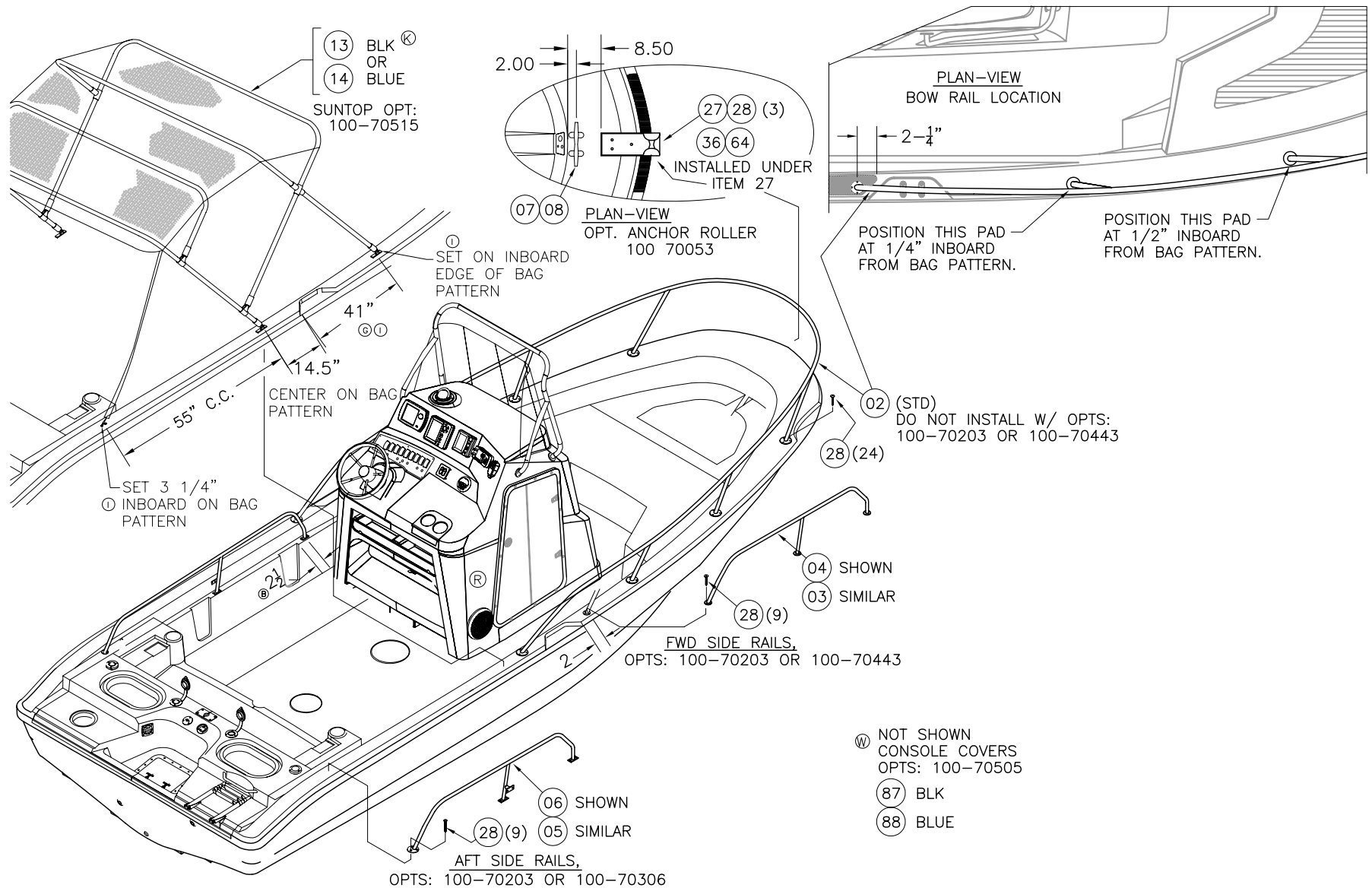
CHECKED: R. AVILA	DATE: 8/16/02	DRAWN: H READ	DATE: 07/09/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 8/19/02	DWG. TITLE:		22DNT		
DESIGN: L. SCHOLZ	DATE: 8/19/02	FINAL ASSEMBLY AND OPTIONS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 9/11/02				02053	11201
					SHT. NO.	
					1	of 5

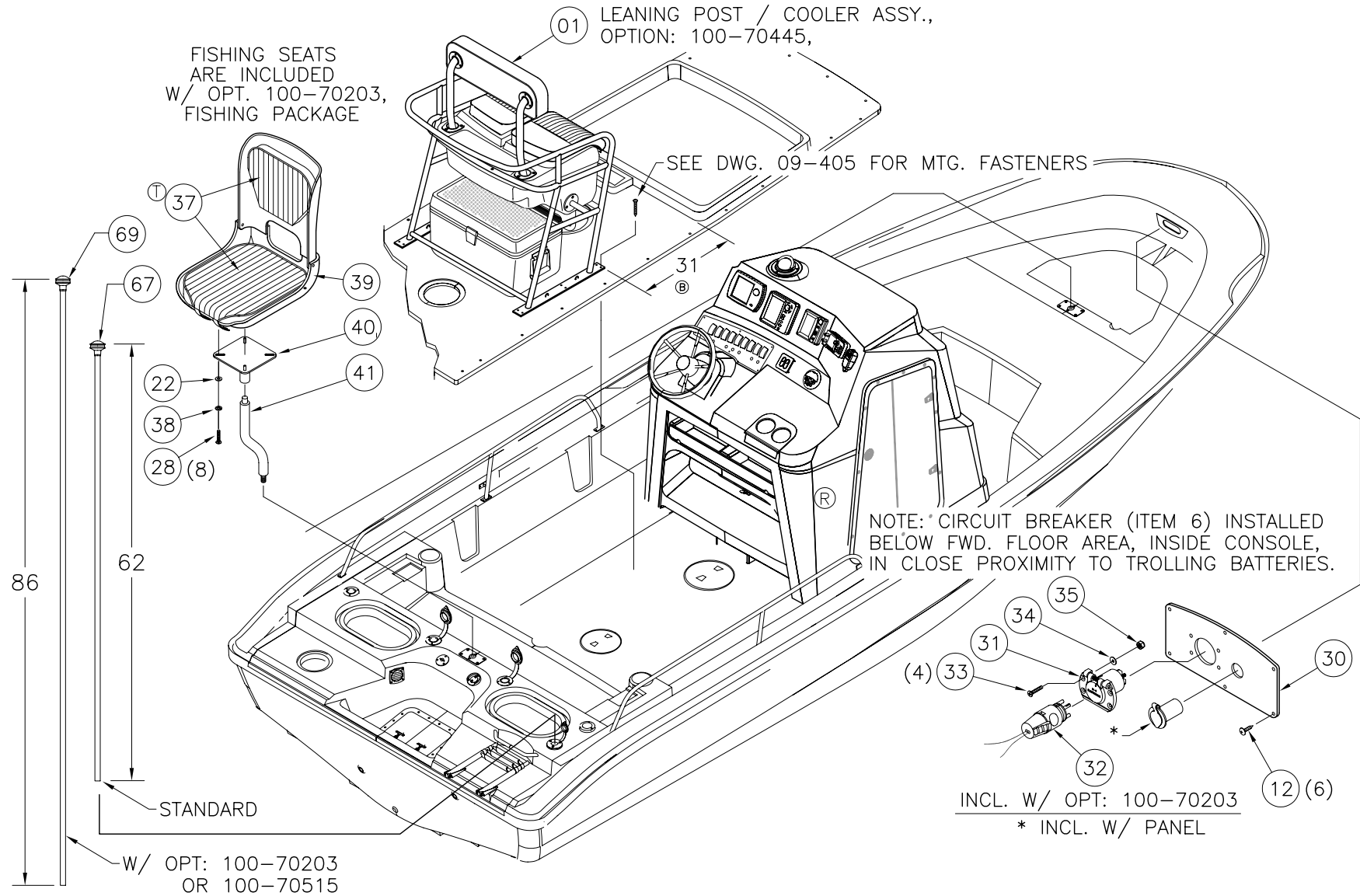
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DWG. NO:
11201

REV.
X

CURRENT ECD
0604144





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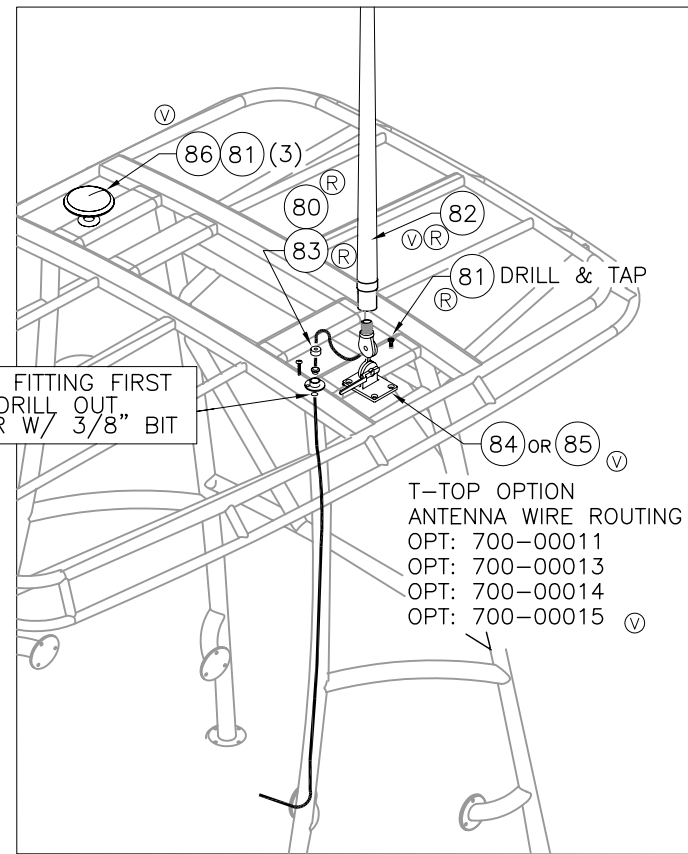
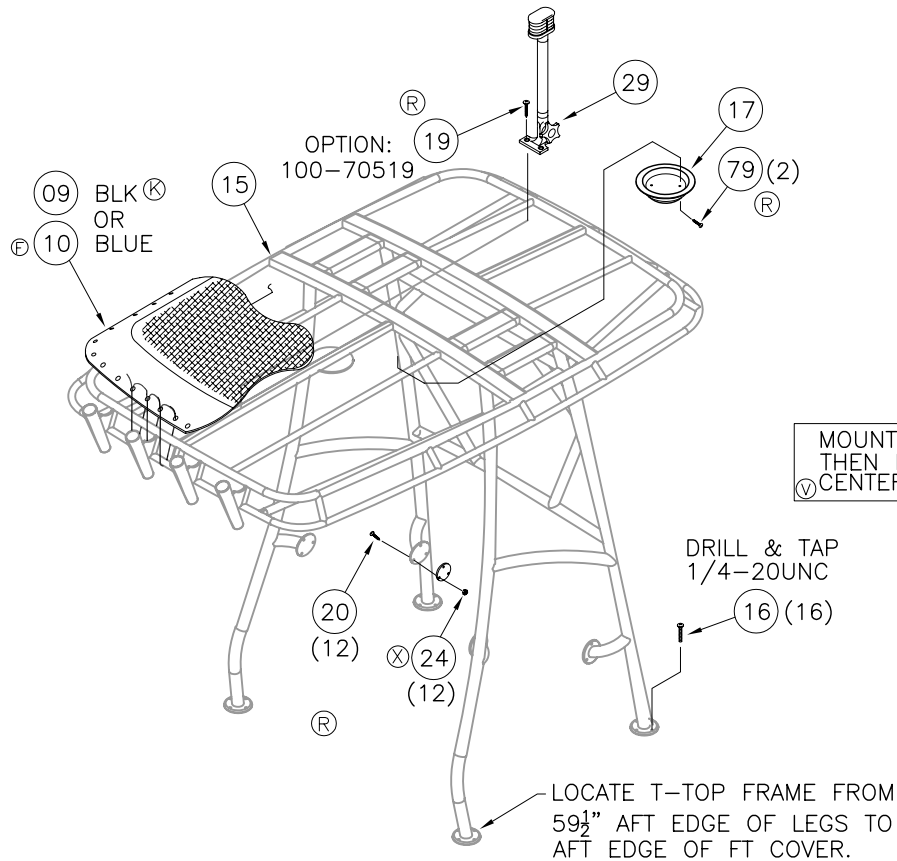
DWG. NO:
11201

REV.
X

CURRENT ECD
0604144

PARTS LIST

ITEM	QTY.	QTY.	QTY.	U/M	DESCRIPTION	B.W.I. NO.
Ⓡ 80	-	1		EA.	FITTING, WATER TIGHT OUTLET FOR 5/16" CABLE	0122853
Ⓡ 81	-	7		EA.	SCREW, MACHINE #1/4-20 X 3/4" PFH SC	1007863
Ⓡ 82	-	1		EA.	ANTENNA, VHF 1710 N/CBL MNT	1792452
Ⓡ 83	-	3		EA.	SCREW, MACHINE #4-40 X 1" PFH SC	1259472
Ⓡ 84	-	1	-1	EA.	MOUNT, RATCHET VHF 1815 SS QUICK-FIT	1792447
Ⓡ 85			1	EA.	MOUNT, RATCHET VHF 1850 NYLON QUICK-FIT	1800575
Ⓡ 86	1			EA.	MOUNT, ANTENNA DECK GPS SS	0788711



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .xxx = ± .010
 .x = ± .1 .x/x = ± 1/16
 .xx = ± .03

DO NOT SCALE DRAWING

DRAWN: H READ DATE: 07/09/02 SCALE: NONE
 DWG. TITLE: FINAL ASSEMBLY AND OPTIONS

BOAT MODEL
22DNT

MOLD NO.

INIT. REL. ECN NO:
020531

DWG. NO:
11201

SHT. NO.
4 of 5

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DWG. NO:
11201

REV.
X

CURRENT ECD
0604144

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	LEANING POST/COOLER ASSEMBLY	09-405
(E) 02	1	EA	RAIL, BOW BW22DNT-03 SS	1741143
(F) 03	1	EA	RAIL, SIDE BW22DNT-03 PRT FWD	1741140
(F) 04	1	EA	RAIL, SIDE BW22DNT-03 STB FWD	1741142
05	1	EA	RAIL, SIDE BW22DNT-03 AFT PRT	1734327
06	1	EA	RAIL, SIDE BW22DNT-03 AFT STBD	1734328
07	1	EA	CLEAT, 8" 4-BOLT SS	291658
08	4	EA	SCREW, MACHINE #1/4-20 X 1" PFH SC	1009950
(R)(K) 09	1	EA	CANVAS, BW22DNT-06 T-TOP CVR BLK	1810639
(R) 10	1	EA	CANVAS, BW22DNT-06 T-TOP CVR BLUE	1810640
(C) 11	56	EA	SCREW, TAPPING #10A X 1.5" PPH SC	1010610
(R)(H)(D) 12	12	EA	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
(K) 13	1	EA	CANVAS, BW22DNT-04 BIM TOP W/BOOT BLK	1753162
(K) 14	1	EA	CANVAS, BW22DNT-04 BIM TOP W/BOOT BLUE	1753161
(R)(O) 15	1	EA	FRAME, BW22DNT-06 T-TOP BRUSHED ALUM	1810599
16	16	EA	SCREW, MACHINE #1/4-20 X 1.75" PPH SC	1008606
(O) 17	1	EA	LIGHT, SGL DOME FLUSH MT SS WHT/RED W/SWITCH	1761590
(S)(R) 18	1	EA	FBRGLS PART, 2700R-02 ELEC. BOX T TOP	22-K083-00
(R) 19	2	EA	SCREW, TAPPING #8A X 5/8" PPH SC	1010677
20	12	EA	SCREW, MACHINE #1/4-20 X 1.25" PPH SC	1260975
(S) 21	4	EA	SCREW, MACHINE #1/4-20 X 1.5" PPH SC	1008598
(S)(B) 22	14	EA	WASHER, FLAT 1/4" SC	1260769
(S) 23	4	EA	BUMPER, BLACK	1039239
(X)(S)(B) 24	18	EA	NUT, LOCK #1/4-20 SC STD PATT	1009786
(S) 25	4	EA	WASHER, FENDER 1/4" X 1.25" SC	1260678
(S)(R) 26	1	EA	BOX, HDPE BW240/2700R-06 ELEC W/DOOR	1689901
(C)(B) 27	1	EA	DAVIT, ANCHOR SS W/ROLLER 11" X 2 3/8"	1336411
28	77	EA	SCREW, MACHINE #1/4-20 X 1" PPH SC	1008580
29	1	EA	LIGHT, NAV MASTHEAD COMBO VERT MT 12.75"	1122563
30	1	EA	PANEL, BWDA/VT-03 TROLLING 12/24V	1727141
31	1	EA	RECEPTACLE, 12 TROLLING MOTOR OPT	0803155
32	1	EA	PLUG, 12V/24V (TROLLING MOTOR)	1713587
(S) 33	4	EA	SCREW, MACHINE #10-24 X 1" POH SC	1010446
(S) 34	4	EA	WASHER, FLAT #10 SC	1260751
(S) 35	4	EA	NUT, HEX NYLON LOCK #10-24 SC	1007772
36	1	EA	CAP, BW2100R-97 BOW RUB RAIL	1034925
(T) 37	2	EA	CUSH, BW-DA/VT-05 FISHING SEAT WHT/GRY	1781443
38	8	EA	WASHER, STAR #1/4 SS	1008929
39	2	EA	SEAT, BW-97 FISHING WHT	1038876

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
40	2	EA	BRACKET, BW130/150DA-97 MOUNT FISHING SEAT	1043553
41	2	EA	OFFSET EXT, BW-98 FISH PED	1076975
42	1	EA	RUBRAIL, PLAS CHAR 54'	1312487
43	20	EA	SNAP STUD W/#8 X 3/8" PH BR/NI/SS	0203786
44	1	EA	INSERT, RUBRAIL CHAR FLEX 54'	1020841
(U) 45	120	EA	SCREW, TAP #10A X 1.25"W/STP EPXY ORNG PFH SC	1814515
46	2	EA	SCREW, TAPPING #10A X 2" PTH SC	1008754
47	6	EA	SCREW, TAPPING #10A X 1" PTH SC	1008739
48	1	EA	CAP, RUBRAIL BW180DA TRNSM TRIM	1502641
(T)(K) 49	1	EA	CUSH, BW22DNT-05 PRT BOW FWD	1781481
50	1	EA	CUSH, BW22DNT-05 STB BOW FWD	1781483
51	1	EA	CUSH, BW22DNT-05 PRT BOW AFT	1781480
(T)(K) 52	1	EA	CUSH, BW22DNT-05 STB BOW AFT	1781482
(R) 53	1	EA	HOLDER, HDPE BW220DA-04 COOLER	1755977
54		EA		
(P) 55	1	EA	TRIM TAB, ASSY 9X9 W/POTTED SW BW-05	1782251
56	6	EA	SCREW, TAPPING #14A X 1.5" PPH SC	1008697
(E)(B) 57	28	EA	SCREW, TAPPING #14A X 1" PPH SC	1008689
(T) 58	1	EA	CUSH, BW180/22DNT-05 COOLER 54QT	1781468
59	1	EA	COOLER, 54 QT WHT	1016419
(D) 60	2	EA	STRAP, COOLER TAMER 7" CNSL MNT	1741035
(R)(N)(K)(J)(H) 61	4	EA	SCREW, MACHINE #10-24 X 1.75" PTH SC	1341973
(R)(N)(K) 62	4	EA	WASHER, FLAT #10 SC	1260751
(R)(N)(K) 63	4	EA	NUT, HEX NYLON LOCK #10-24 SC	1007772
64	2	EA	SCREW, TAPPING #10A X 2.5" POH SC	1008531
(Q) 65	13	EA	SCREW, MACHINE #1/4-20 X 1.5" PFH SC	1215052
(R) 66	15	EA	WASHER, FINISH #12 SS	0958868
67	1	EA	LIGHT, NAV A/R STERN 62"N/BEND FOLD	1604396
68	1	EA	LIGHT, NAV A/R STERN 62"W/BEND 22DE	1740238
69	1	EA	LIGHT, NAV A/R STERN 86"N/BEND FOLD	1604404
70	1	EA	LIGHT, NAV A/R STERN 86"W/BEND 22DE	1740241
(A) 71	2	EA	THRU-HULL, PVC PRESS-FIT	1042084
(A) 72	2	EA	NUT, PVC RETAINING THRU-HULL	1042068
(H)(D) 73	4	EA	SCREW, TAPPING #6A X 1/2" PTH SC	1008796
(H)(D) 74	2	EA	SCREW, TAPPING #8A X 1" PTH SC	1008804
(K)(E) 75	1	EA	DECAL, BW DAUNTLESS DK GRAY HIBOSSCAL	1030683
(R)(H) 76	2	EA	SCREW, MACHINE #10-24 X 1.25" POH SC	1008424
(O) 77	1	EA	CAP, RUBRAIL BW180DA-03 TRNSM TRIM W/NOTCH	1743358
78	2	EA	SCREW, TAPPING #14A X 2" PFH SC	1010297
79	2	EA	SCREW, TAPPING #8A X 1" POH SC	1213065

SEE PAGE 4 FOR 80 THRU 86

(W) 87	1	EA	CANVAS, BW22DNT-07 CNSL CVR BLK	1838992
(W) 88	1	EA	CANVAS, BW22DNT-07 CNSL CVR BLUE	1838993



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: H READ

DATE: 07/09/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:
FINAL ASSEMBLY AND OPTIONS

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

11201

5 OF 5

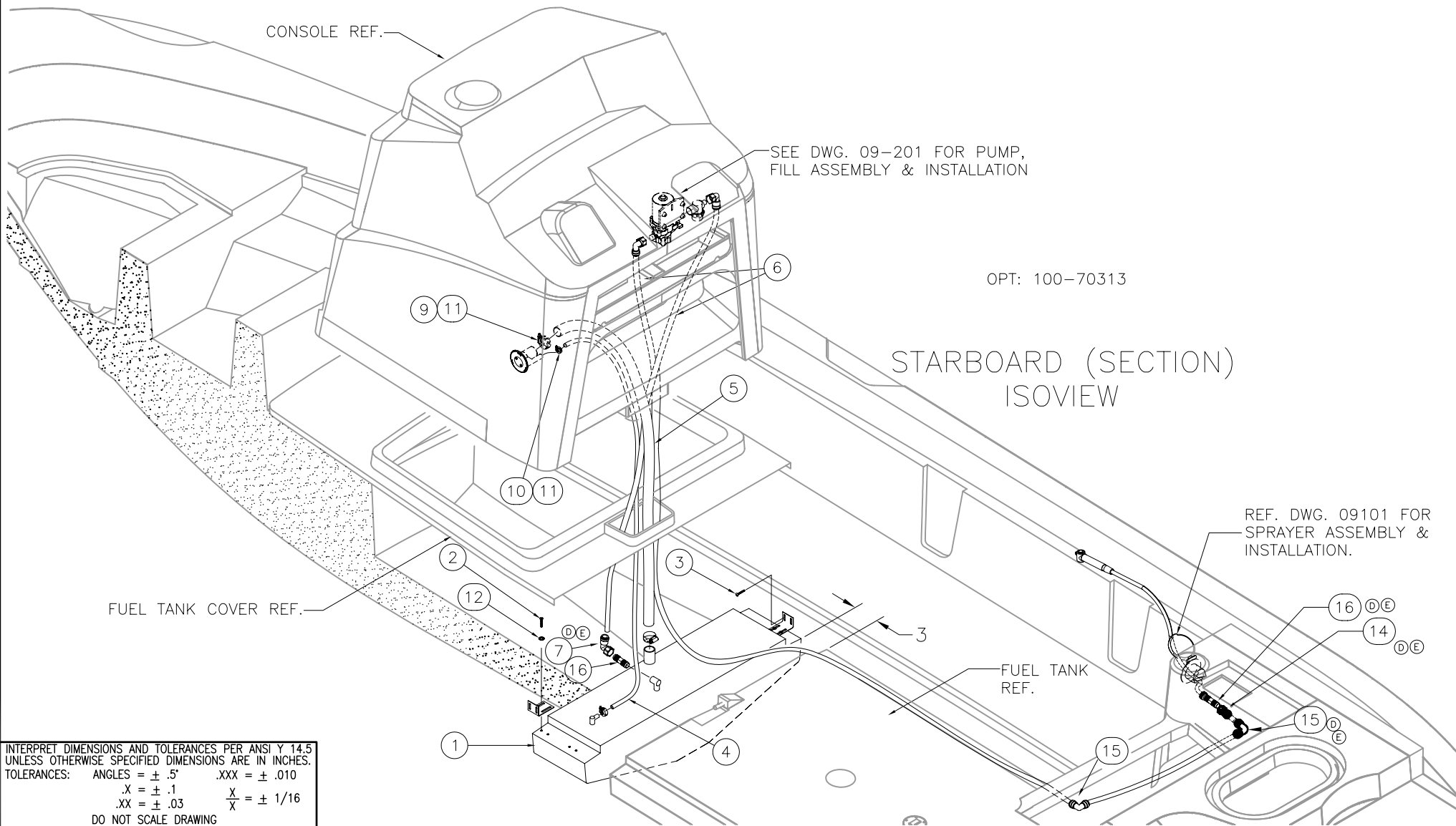
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DWG. NO:	REV.	CURRENT ECD
06701	E	051021

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	03/10/03	ZAC	03-03-02
B	CHANGED PN# & DESCRIPTION ITEMS 6 & 7, DELETED ITEM 8 (P/N 1021005).	SLJ	06/25/03	ZAC	03-06-32
C	ADDED NEW WATER PUMP FILTER VIEW, SHEET 1	SLJ	04/05/05	ME	05-03-19
D	MYE '06: UPDATED TO NEW CONSOLE; ADDED #13,14,15.	MRZ	07/05/05	MG	05-06-63
E	CHANGED PN# & DESCR. ITEMS 7 & 14, ADDED ITEM 16, SHEETS 1 & 2	SLJ	11/16/05	ME	051021

NOTES:

- REFER TO DWG. 01-251 FOR ALL HOSE & TUBING CUT LENGTHS.
- USE TEFLON TAPE ON ALL THREADED CONNECTIONS.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

 <p>BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: RA	DATE: 8/8/02	DRAWN: R CRAVEN	DATE: 08/08/02	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: KR	DATE: 8/8/02	DWG. TITLE:		22DNT		
	DESIGN: L. SCHOLZ	DATE: 8/13/02	FRESH WATER SYSTEM		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
	INT. ENG: M GATICA	DATE: 09/10/02			010865	06701	1 of 2

Parts List

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
	1	EA.	TANK, WATER BW220DA-00 - 12GAL	1332717
	4	EA.	SCREW, MACHINE #1/4-20 X 1/2" PPH SC	1010586
	4	EA.	SCREW, TAPPING #14A X 1" PPH SC	1008689
	0	FT.	HOSE, SANI/CHEMICAL TDX 5/8"	0124719
	0	FT.	HOSE, SANI/SMOOTH WALL 1.5"	0123844
(B)	0	FT.	TUBING, SEATECH 15MM X 11MM X 250' BLUE	1210160
(E)(B)	1	EA.	FITTING, NEPT 1/2"FEM X 15MM ELB SWVL 90DEG	1453935
	2	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
	2	EA.	CLAMP, HOSE #10 1/2"-1 1/8" SS .505	0263954
	4	EA.	COVER, CLAMP END PROT 1/2"L X.035"X.30"RED	0830976
	4	EA.	WASHER, STAR #1/4 SS	1008929
(D)	1	EA.	COUPLING, ACETAL 1/2"MPT X 1/2"NPT	1021005
(E)(D)	1	EA.	FITTING, NEPT 1/2"FEM SWVL BLK	1453984
(E)(D)	2	EA.	ELBOW, SEATECH 90DEG EQUAL 15MM	1214832
(E)	2	EA.	COUPLING, ACETAL 1/2"MPT X 1/2"NPT	1021005

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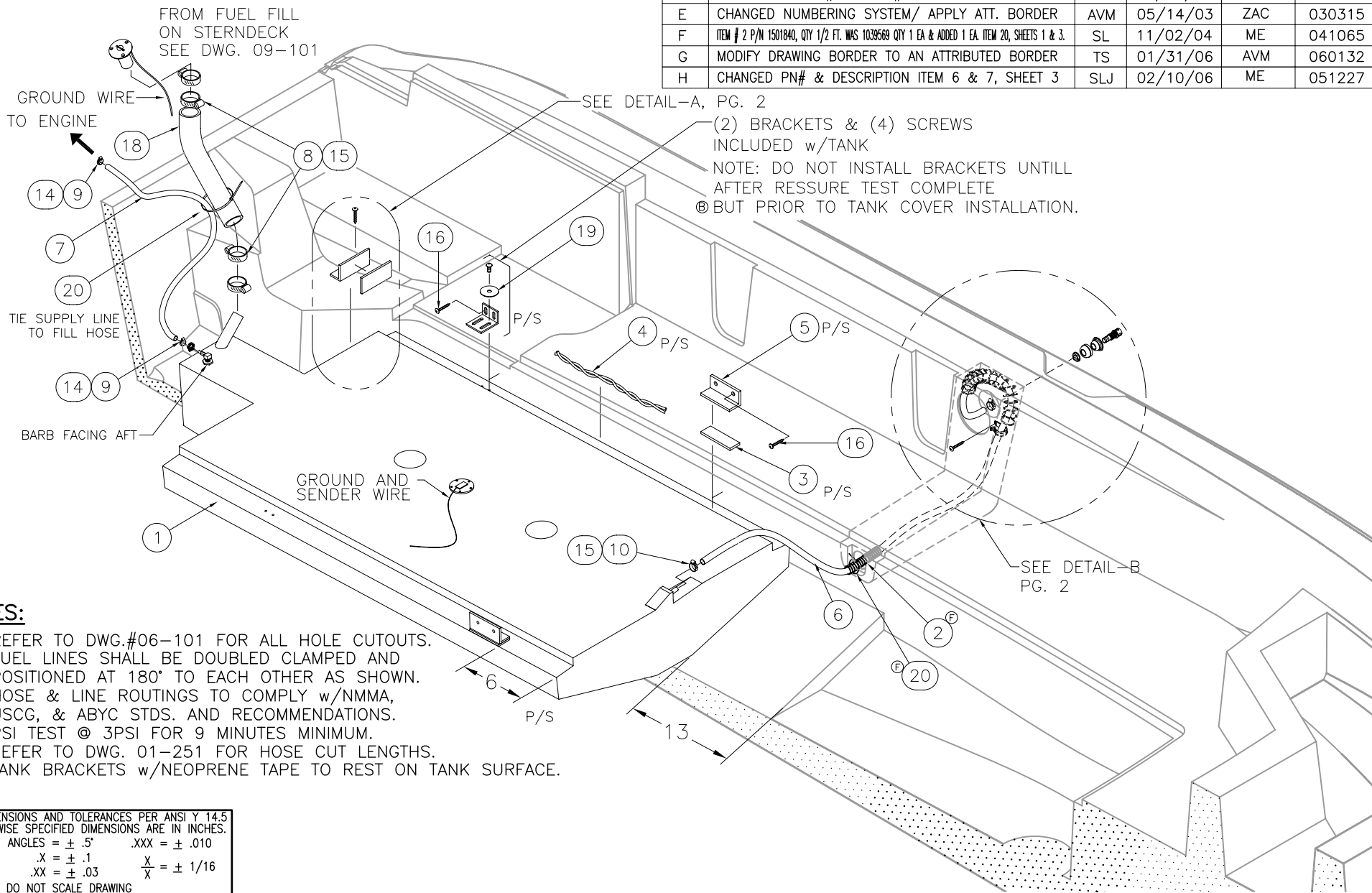
DWG. NO:
10501

REV.
H

CURRENT ECD
051227

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	CHANGED PN# ITEM #13	SLJ	05/19/03	ZAC	030445
E	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	05/14/03	ZAC	030315
F	ITEM # 2 P/N 1501840, QTY 1/2 FT. WAS 1039569 QTY 1 EA & ADDED 1 EA. ITEM 20, SHEETS 1 & 3.	SL	11/02/04	ME	041065
G	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
H	CHANGED PN# & DESCRIPTION ITEM 6 & 7, SHEET 3	SLJ	02/10/06	ME	051227



NOTES:

1. REFER TO DWG.#06-101 FOR ALL HOLE CUTOUTS.
2. FUEL LINES SHALL BE DOUBLED CLAMPED AND POSITIONED AT 180° TO EACH OTHER AS SHOWN.
3. HOSE & LINE ROUTINGS TO COMPLY w/NMMA, USCG, & ABYC STDS. AND RECOMMENDATIONS.
5. PSI TEST @ 3PSI FOR 9 MINUTES MINIMUM.
6. REFER TO DWG. 01-251 FOR HOSE CUT LENGTHS.
7. TANK BRACKETS w/NEOPRENE TAPE TO REST ON TANK SURFACE.

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: R. AVILA	DATE: 07/19/02	DRAWN: R CRAVEN	DATE: 07/12/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: K. RANIERI	DATE: 07/29/02	DWG. TITLE: FUEL SYSTEM INSTALLATION			INIT. REL. ECN NO: 020531	DWG. NO: 10501
DESIGN: L. SCHOLZ	DATE: 07/30/02				SHT. NO. 1 OF 3	
INT. ENG: M. GATICA	DATE: 09/10/02					

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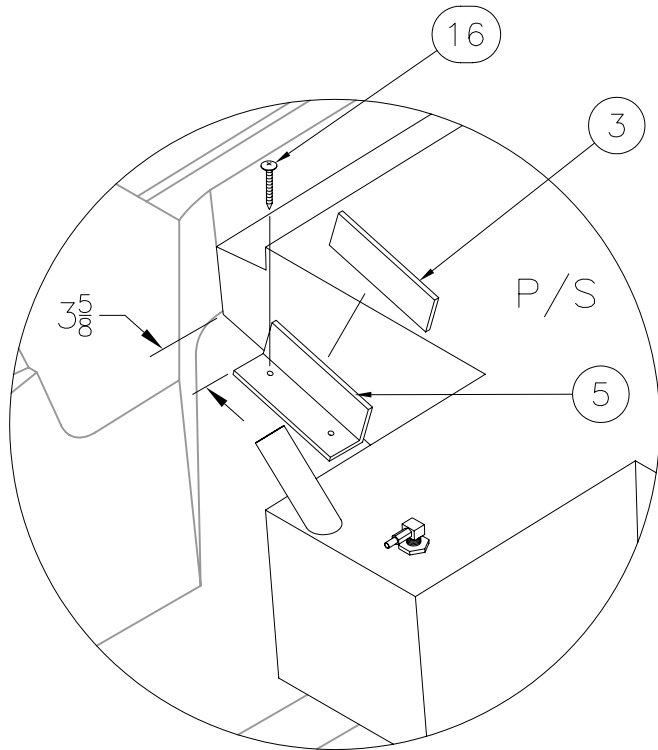
DWG. NO:
10501

REV.
H

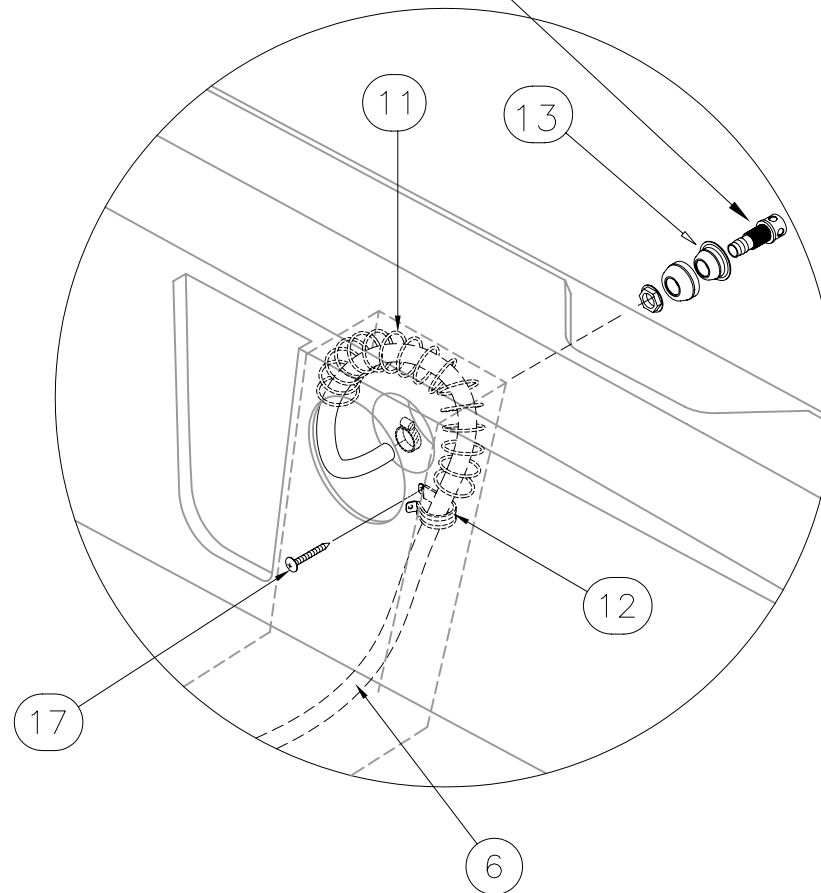
CURRENT ECD
051227

NOTES:

DO NOT USE SEALANT,
USE SEAL PROVIDED WITH VENT



DETAIL-A



DETAIL-B



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: R CRAVEN

DATE: 07/12/02

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

22DNT

FUEL SYSTEM INSTALLATION

INIT. REL. ECN NO:
020531

DWG. NO:
10501

SHT. NO.
2 OF 3

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DWG. NO:
10501

REV.
H

CURRENT ECD
051227

NOTES:

Parts List						
ITEM	QTY	U/M	DESCRIPTION	B.W.I.	NO.	
Ⓒ	1	EA.	TANK, FUEL – BW 90GAL 220DA-03 W/SS SENDER	1746454		
Ⓕ	2	1/2 FT.	HOSE, CONDUIT/SPLIT 1" FLAME RETARDANT	1501840		
	3	2 FT.	TAPE, FOAM NEOPRENE w/3M 9828 3/8"	1497452		
	4	14 FT.	FOAM, BACKER ROD 7/8" DIA	1041698		
	5	4 EA.	BRACKET, PVC 2"x2"x1/4"x6" BW-01	1547280		
Ⓕ	6	0 FT.	HOSE, FUEL 5/8" TYPE A CLASS 1 ISO/CE	123778		
Ⓕ	7	0 FT.	HOSE, FUEL 3/8" TYPE A CLASS 1 ISO/CE	123760		
	8	4 EA.	CLAMP, HOSE #24 1"-2" SS	0256693		
	9	3 EA.	CLAMP, HOSE #06M 5/16"-7/8" SS MINI	0123398		
	10	2 EA.	CLAMP, HOSE #10 1/2-1-1/8" .50	0263954		
	11	1 EA.	SPRING, VENT 1.05" x 12" SS	1041367		
	12	1 EA.	CLIP, SUPPORT 1 3/8" DIA	1040336		
Ⓓ	13	1 EA.	VENT, FUEL/WATER SS 3/4" FLUSH STRAIGHT	1754881		
	14	3 EA.	COVER, CLAMP END PROTECTOR 1/2" x .020"	1116870		
	15	4 EA.	COVER, CLAMP END PROT 1/2"L X.035"X.30"RED	0830976		
	16	12 EA.	SCREW, TAPPING #14A x 1.5" PTH SC	1010909		
	17	1 EA.	SCREW, TAPPING #8 x 5/8" PTH SC	1010925		
	18	0 FT.	HOSE, FUEL 1.5" TYPE A CLASS 2	0123745		
	19	4 EA.	WASHER, FENDER #10 X 1" SC	1260454		
Ⓕ	20	2 EA.	TIE, CABLE 11" MED NYLON BLK	0157321		



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: R CRAVEN

DATE: 07/12/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

FUEL SYSTEM INSTALLATION

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

10501

3 of 3

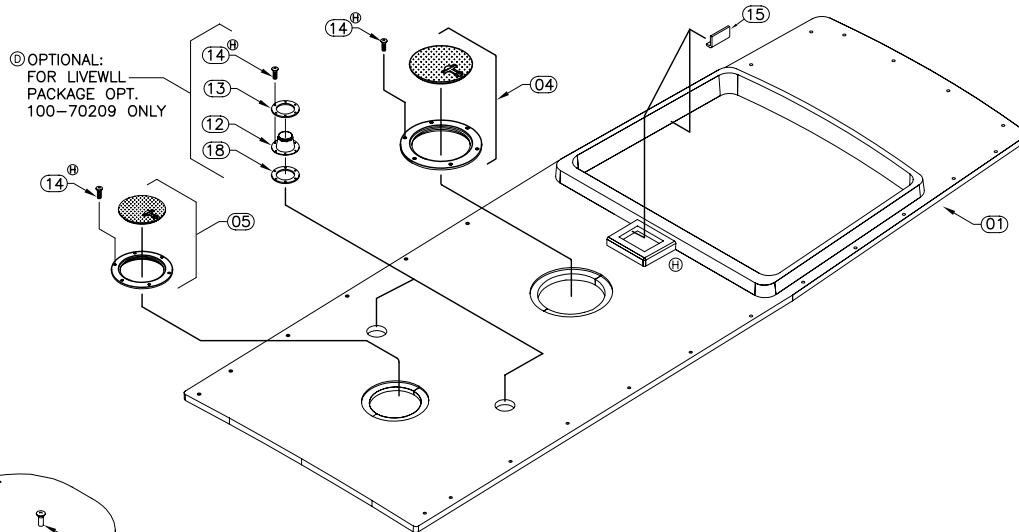
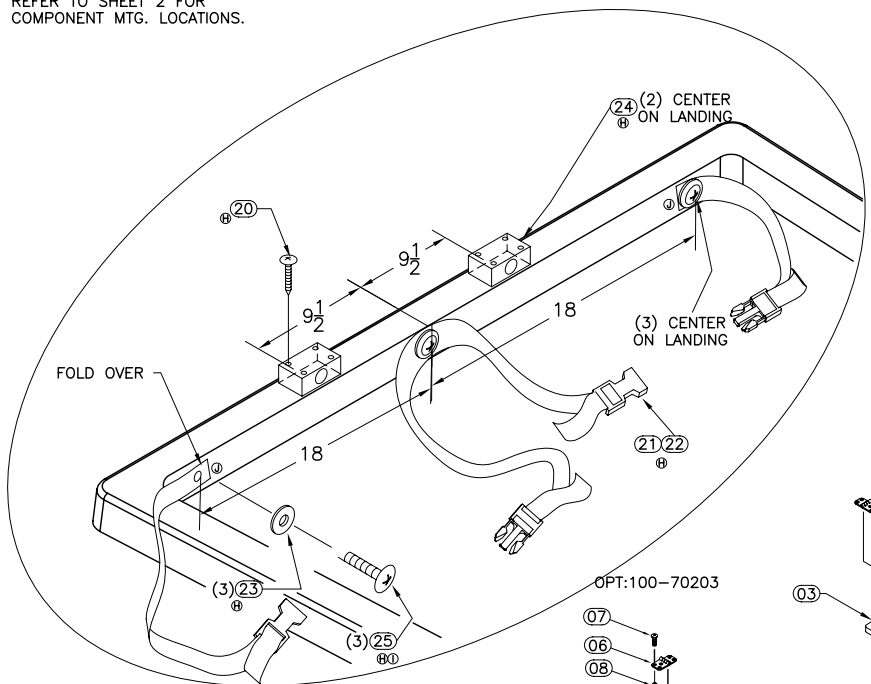
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DWG. NO:
09301

REV.
K

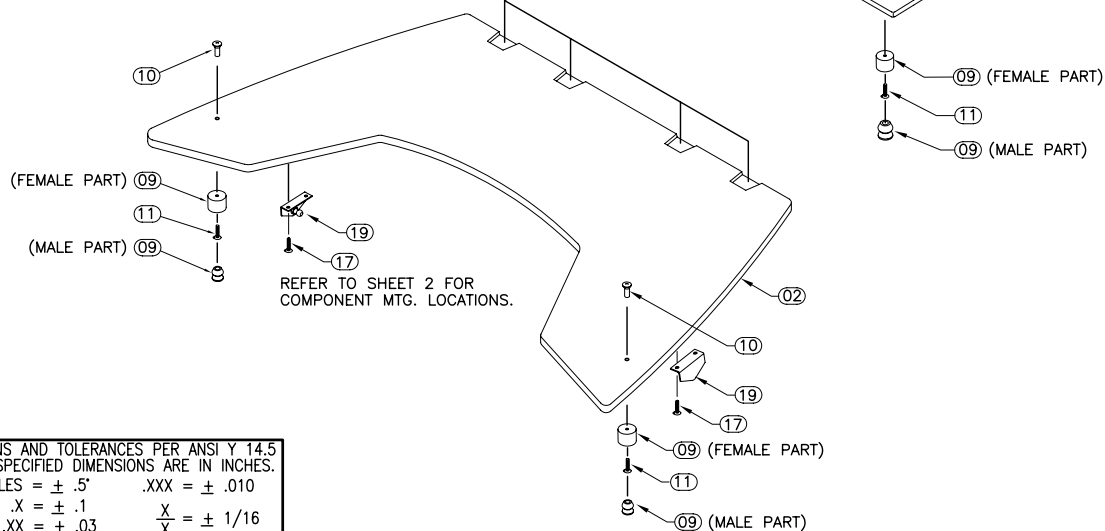
CURRENT ECD
051134

REFER TO SHEET 2 FOR COMPONENT MTG. LOCATIONS.



Ⓞ OPTIONAL:
FOR LIVEWELL
PACKAGE OPT.
100-70209 ONLY

OPT:100-70203



REFER TO SHEET 2 FOR COMPONENT MTG. LOCATIONS.

BILL OF MATERIAL

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
Ⓞ 01	1	EA.	FIBERGLASS PART, FUEL TANK COVER	22K24500
02	1	EA.	FIBERGLASS PART, STORAGE COVER	22J95900
Ⓞ 03	1	EA.	FIBERGLASS PART, ANCHOR LOCKER COVER	22J72800
Ⓞ 04	1	EA.	ACCESS PLATE, POLYPROP TWIST OUT 8"	1068659
05	1	EA.	ACCESS PLATE, POLYPROP TWIST OUT 6"	1068642
06	6	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
07	18	EA.	SCREW, MACHINE #10-24 x 1/2" POH SC	1008432
08	18	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
Ⓞ 09	3	EA.	STOP, DOOR HOLDER RBR BLUE	1142348
Ⓞ 10	3	EA.	NUT, BBL #10-24 X 1/2" TH	1040203
Ⓞ 11	3	EA.	SCREW, MACHINE #10-24 X 7/8" PPH SC	1010602
12	2	EA.	BOOT, CABLE 3" BLACK	1043223
13	2	EA.	BOOT, CABLE RING 3" BLACK	1043330
Ⓞ 14	24	EA.	SCREW, MACHINE #10-24 X 1" PPH SC	1213222
15	12.5	FT.	MOLDING, VINYL "L" OFF-WHT W/ADH	1020924
Ⓞ 16		EA.		
Ⓞ 17	4	EA.	SCREW, TAPPING #8A X 1/2" PTH SC	1008812
18	2	EA.	GROMMET, CABLE BOOT 3" BLK	1574839
19	2	EA.	BRACKET, SS LIFT CYL 90DEG 0.70" W/ STUD	817676
Ⓞ 20	8	EA.	SCREW, TAPPING #10A X 2" PTH SC	1008754
Ⓞ 21	6.5	FT	WEBBING, BW-97 STRAP NYLON 1"	1030105
Ⓞ 22	2	EA.	UPH PARTS, BUCKLE 1" SIDE RELEASE M/F BLK	0871004
Ⓞ 23	3	EA.	WASHER, FINISH #10 SS	0896258
Ⓞ 24	2	EA.	HOLDER, HDPE BW22DNT-06 FISHING SEAT	1810953
Ⓞ 25	3	EA.	SCREW, TAPPING #10A X 2" POH SC	1261163

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 X = ± 1/16
.XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



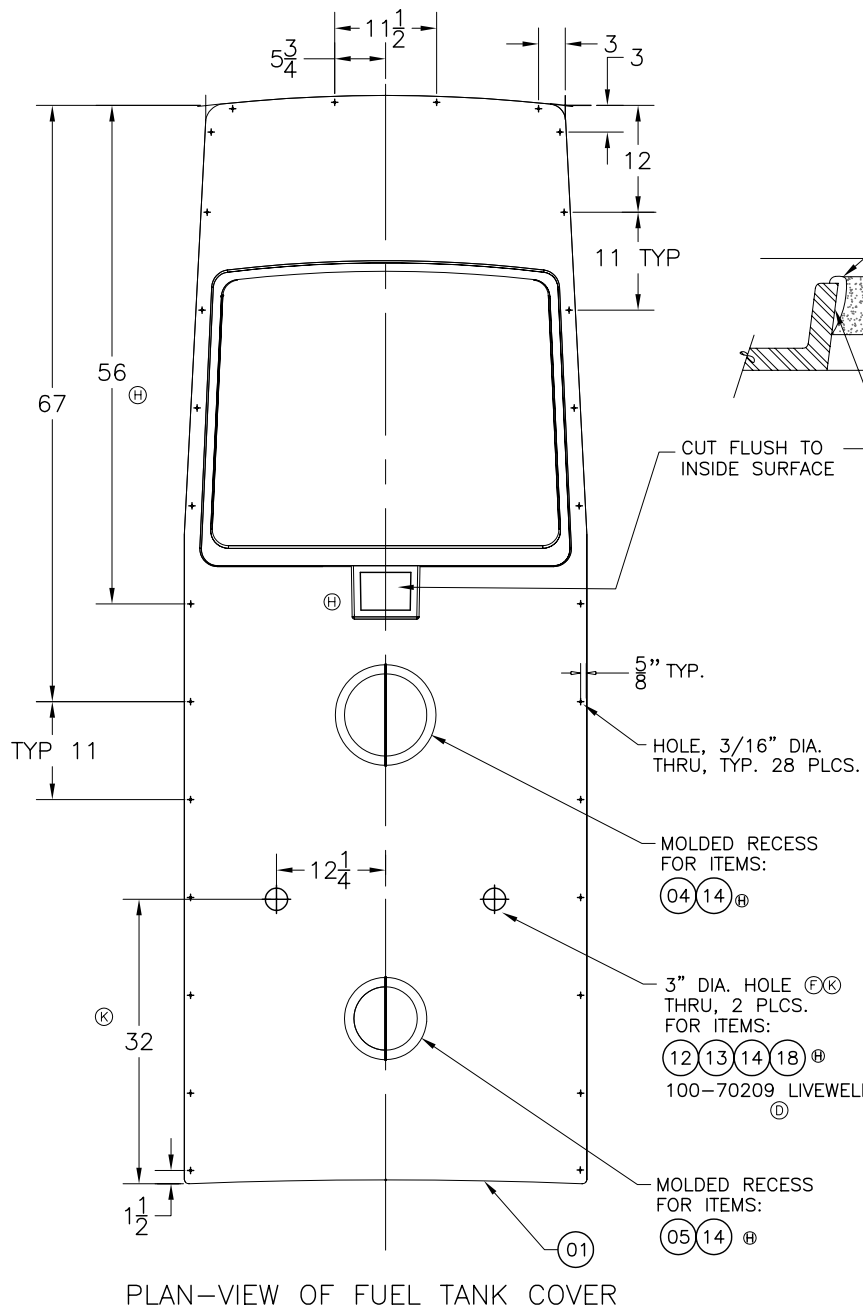
CHECKED: RA	DATE: 6/26/02	DRAWN: HREAD	DATE: 9/28/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: KR	DATE: 6/26/02	DWG. TITLE:			22DNT	
DESIGN: L. SCHOLZ	DATE: 6/26/02	FUEL TANK LOCKER COVER SUB-ASSY.			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 9/11/02				020531	09301
					SHT. NO.	
					1	of 2

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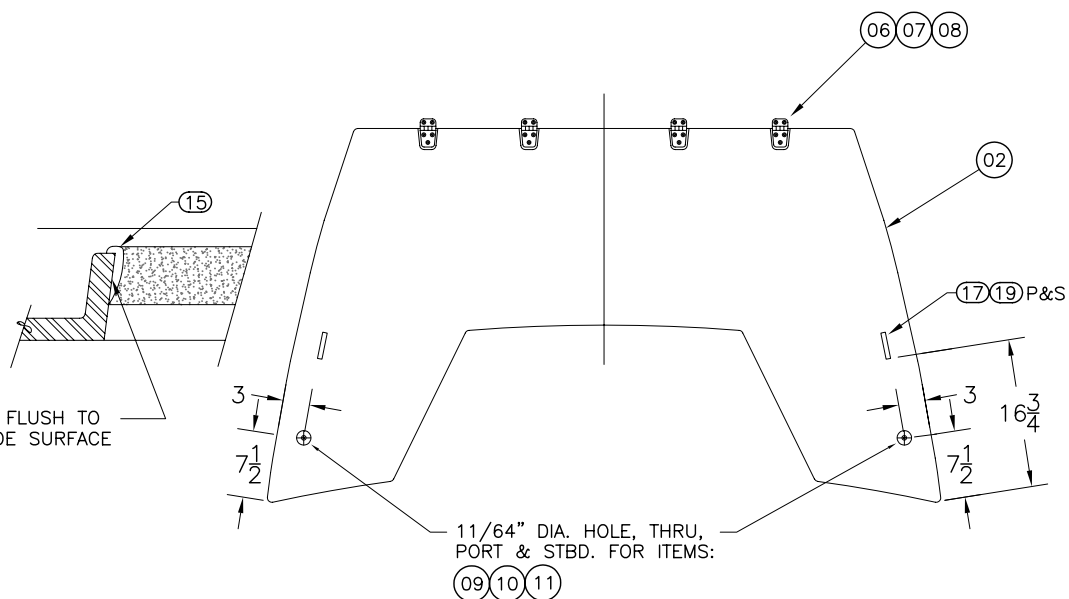
DWG. NO:
09301

REV.
K

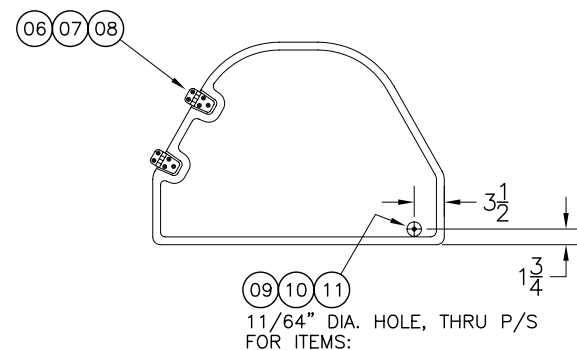
CURRENT ECD
051134



PLAN-VIEW OF FUEL TANK COVER



PLAN-VIEW OF BOW STORAGE COVER



PLAN-VIEW OF ANCHOR LOCKER COVER



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: HREAD DATE: 9/28/05 SCALE: NONE

DWG. TITLE: FUEL TANK LOCKER COVER SUB-ASSY.

BOAT MODEL
22DNT

MOLD NO.

INIT. REL. ECN NO:
020531

DWG. NO:
09301

SHT. NO.
2 OF 2

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DWG. NO:
12401

REV.
C

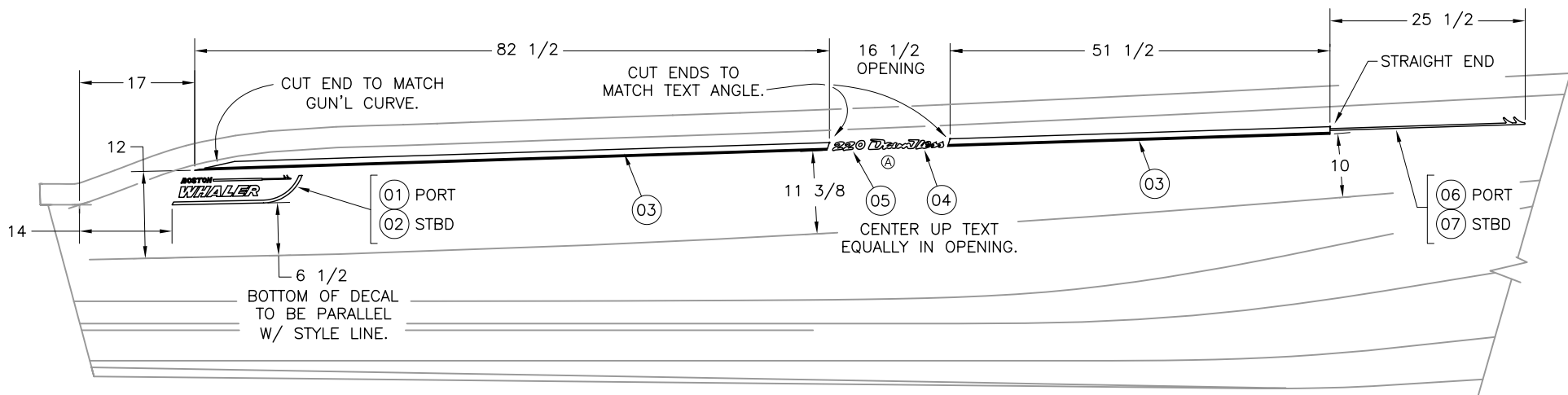
CURRENT ECD
060132

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	2004 MODEL YEAR ENHANCEMENTS	RC	05/16/03	RA	030343
B	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	06/12/03	-	030315
C	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132

BILL OF MATERIAL

ITEM	QTY.		U/M	DESCRIPTION	BWI NO.
	STD.	OPT.			
01	1		EA.	DECAL, BW-04 LOGO 20" RED PRT (DRIP MOLD)	1752937
		1	EA.	DECAL, BW-04 LOGO 20" DK BLUE PRT (DRIP MOLD)	1752939
02	1		EA.	DECAL, BW-04 LOGO 20" RED STB (DRIP MOLD)	1752938
		1	EA.	DECAL, BW-04 LOGO 20" DK BLUE STB (DRIP MOLD)	1752940
03	30		FT.	TAPE, SOLID 1" FIRE RED W/PIN STRP	1038009
		30	FT.	TAPE, SOLID 1" CORBIN DK BLUE W/PIN STRP	1037985
04	2		EA.	DECAL, BW DAUNTLESS DK GRAY HIBOSSCAL	1030683
05	2		EA.	DECAL, BW-04 22DNT GRY (DRIP MOLD)	1753485
			EA.	DECAL, BW-02 220 CORBIN DK BLUE HIBOSSCAL	1620897
06	1		EA.	DECAL, BW-04 HARPOON PRT WHLR RED	1752931
		1		DECAL, BW-04 HARPOON PRT DK BLUE	1752933
07	1		EA.	DECAL, BW-04 HARPOON STB WHLR RED	1752932
		1		DECAL, BW-04 HARPOON STB DK BLUE	1752936



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

HULL GRAPHICS DETAIL
 STBD SIDE SHOWN, PORT SIMILAR



CHECKED: R. AVILA	DATE: 7/29/02	DRAWN: R DURHAM	DATE: 07/29/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: K. RANIERI	DATE: 7/29/02	DWG. TITLE: GRAPHICS LOCATIONS			INIT. REL. ECN NO: 020531	DWG. NO: 12401
DESIGN: L. SCHOLZ	DATE: 7/29/02					SHT. NO. 1 of 1
INT. ENG: M. GATICA	DATE: 9/10/02					

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DWG. NO:
07801

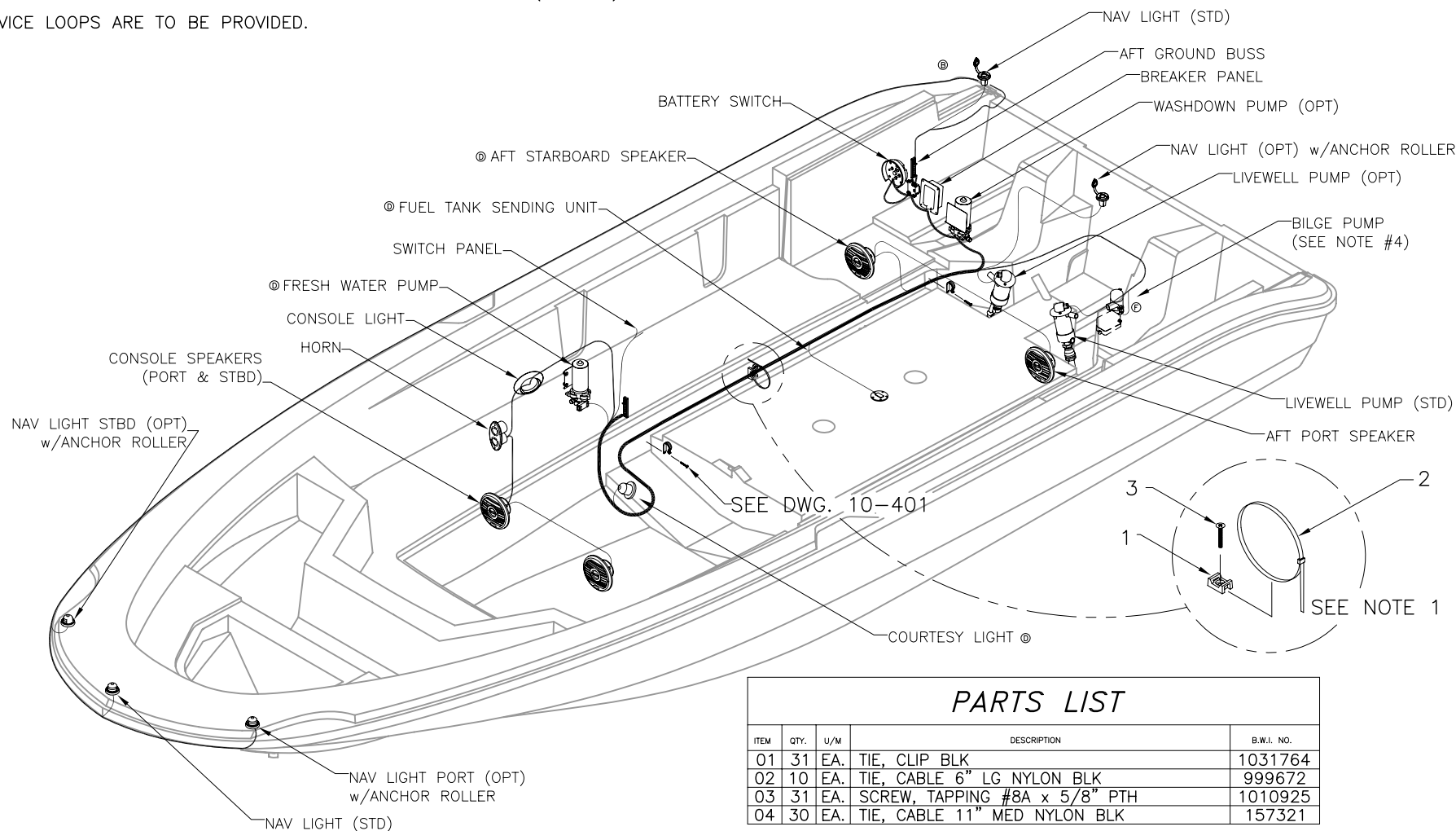
REV.
G

CURRENT ECD
060132

NOTES:

1. SECURE HARNESS w/ITEMS 01,02 & 03 ON 14" MAX CENTERS.
2. ALL TERMINAL CONNECTIONS SHALL BE CORROSION SEALED USING T-9 SPRAY.
3. SEE DWG. #07-205 FOR HARNESS CONSTRUCTION.
4. MAKE CONNECTION AS HIGH AS POSSIBLE ON PORT STRINGER ABOVE NORMAL ACCUMULATION OF BILGE WATER, AT WIRE ENDS (MIN 24").
5. SERVICE LOOPS ARE TO BE PROVIDED.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	CORRECT THE LABELING OF COMPONENTS	SLJ	12/03/02	ZAC	021206
E	CHANGED NUMBERING SYSTEM / APPLY ATT. BORDER	AVM	03/10/03	ZAC	030302
F	ADDED (ON PORT STRINGER) TO NOTE 4	SLJ	08/27/03	ZAC	030659
G	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	31	EA.	TIE, CLIP BLK	1031764
02	10	EA.	TIE, CABLE 6" LG NYLON BLK	999672
03	31	EA.	SCREW, TAPPING #8A x 5/8" PTH	1010925
04	30	EA.	TIE, CABLE 11" MED NYLON BLK	157321

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .XX = ± .03 X = ± 1/16
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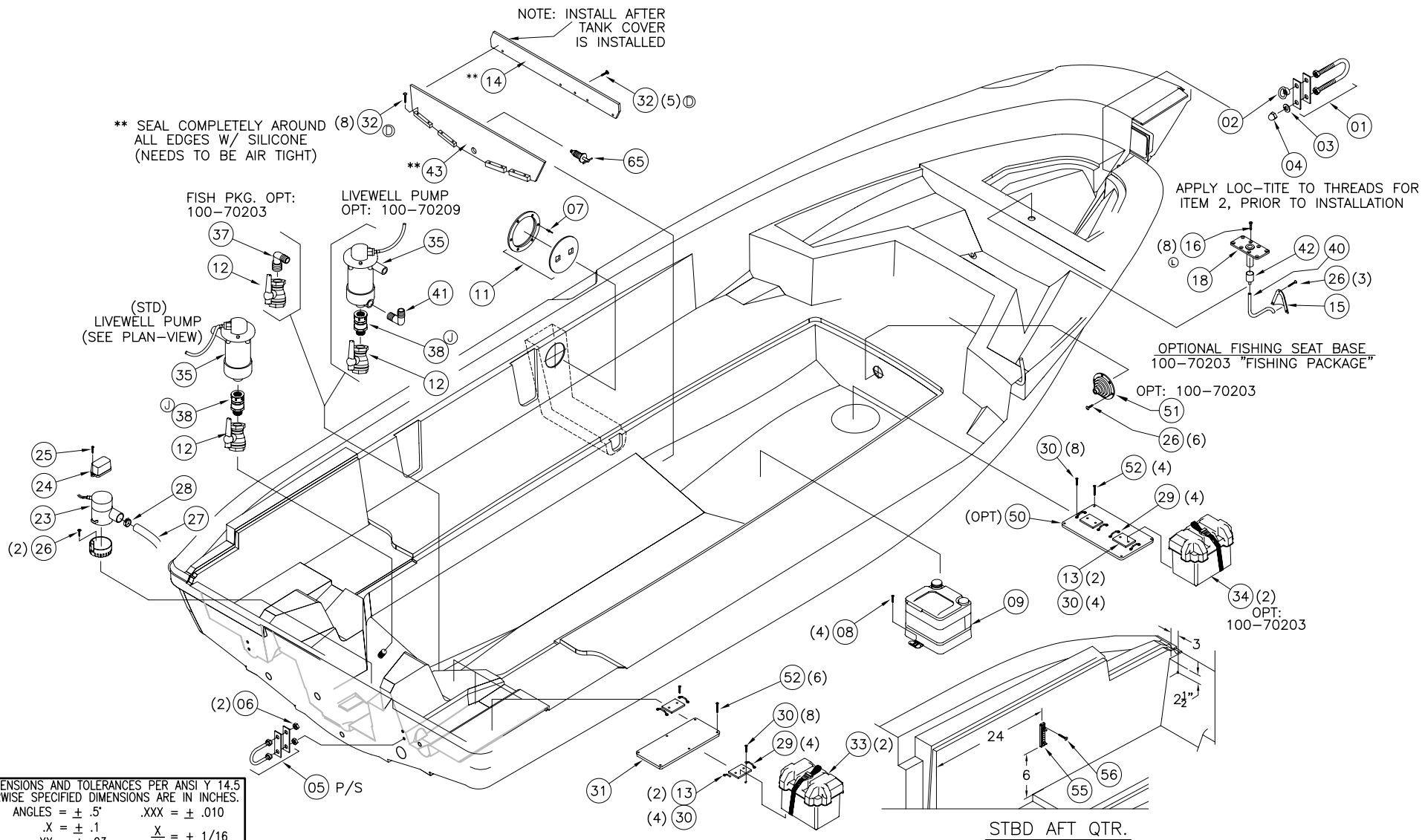
CHECKED: KR	DATE: 8/19/02	DRAWN: R. CRAVEN	DATE: 05/16/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: R. CLIFTON	DATE: 8/19/02	DWG. TITLE: HARNESS INSTALLATION			INIT. REL. ECN NO: 020531	DWG. NO: 07801
DESIGN: L. SCHOLZ	DATE: 8/19/02					SHT. NO. 1 of 1
INT. ENG: M. GATICA	DATE: 9/10/02					

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DWG. NO: 06151
 REV. U
 CURRENT ECD 060627

- NOTES:
 1. ALL BARE WOOD, FOAM & FRP EDGES SHALL BE PAINTED WITH CATALYZED GEL COAT.
 2. SIKAFLEX SEALANT SHALL BE APPLIED TO ALL THRU-HULLS AS THE BEDDING COMPOUND. EXCESS SEALANT SHALL BE REMOVED PRIOR TO CURE USING A CLEAN, DRY CLOTH.
 3. SEE DWG. 01251 FOR HOSE LENGTHS.

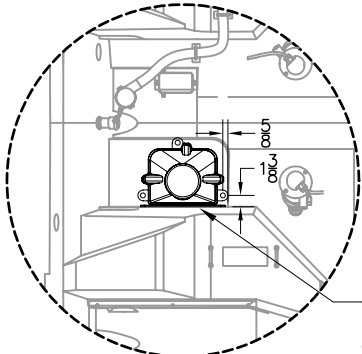
REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
S	ADD OPT. 100-70401	GD	11/10/05	RA	05-11-24
T	ADD ITEM #71, DIM'S & DETAIL, SHEETS 3 & 5.	SL	03/01/06	AVM	060247
U	CHANGED PN# & DESCRIPTION ITEM 24 & 25, SHEET 5	SLJ/SL	07/12/06	AVM	060627



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

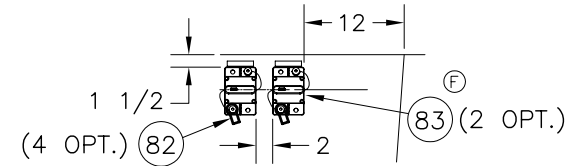


CHECKED: RA	DATE: 8/8/02	DRAWN: HREAD	DATE: 9/28/05	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.	
APPD: KR	DATE: 8/8/02	DWG. TITLE: HULL OUTFIT & EQUIPMENT LOCATIONS			INIT. REL. ECN NO: 020531	DWG. NO: 06151	SHT. NO. 1 of 5
DESIGN: L. SCHOLZ	DATE: 8/13/02						
INT. ENG: M. GATICA	DATE: 9/10/02						



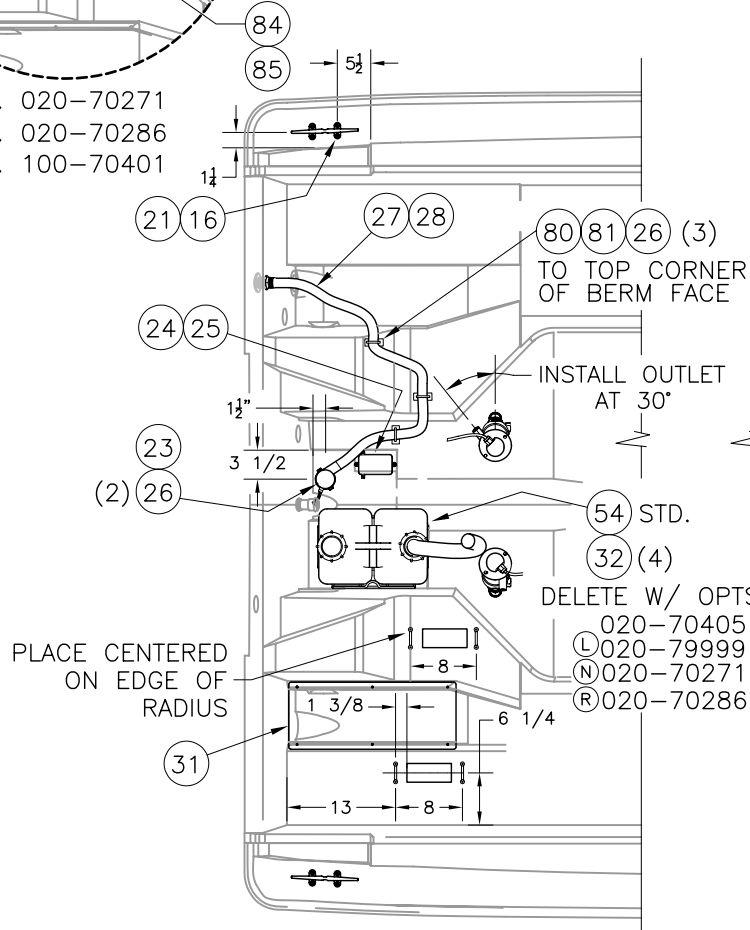
- Ⓛ OPT. 020-70271
- Ⓡ OPT. 020-70286
- Ⓢ OPT. 100-70401

OPTION: 100-70203, FISH PKG.
OPTIONAL BREAKER
Ⓜ INSTALLATION(S)

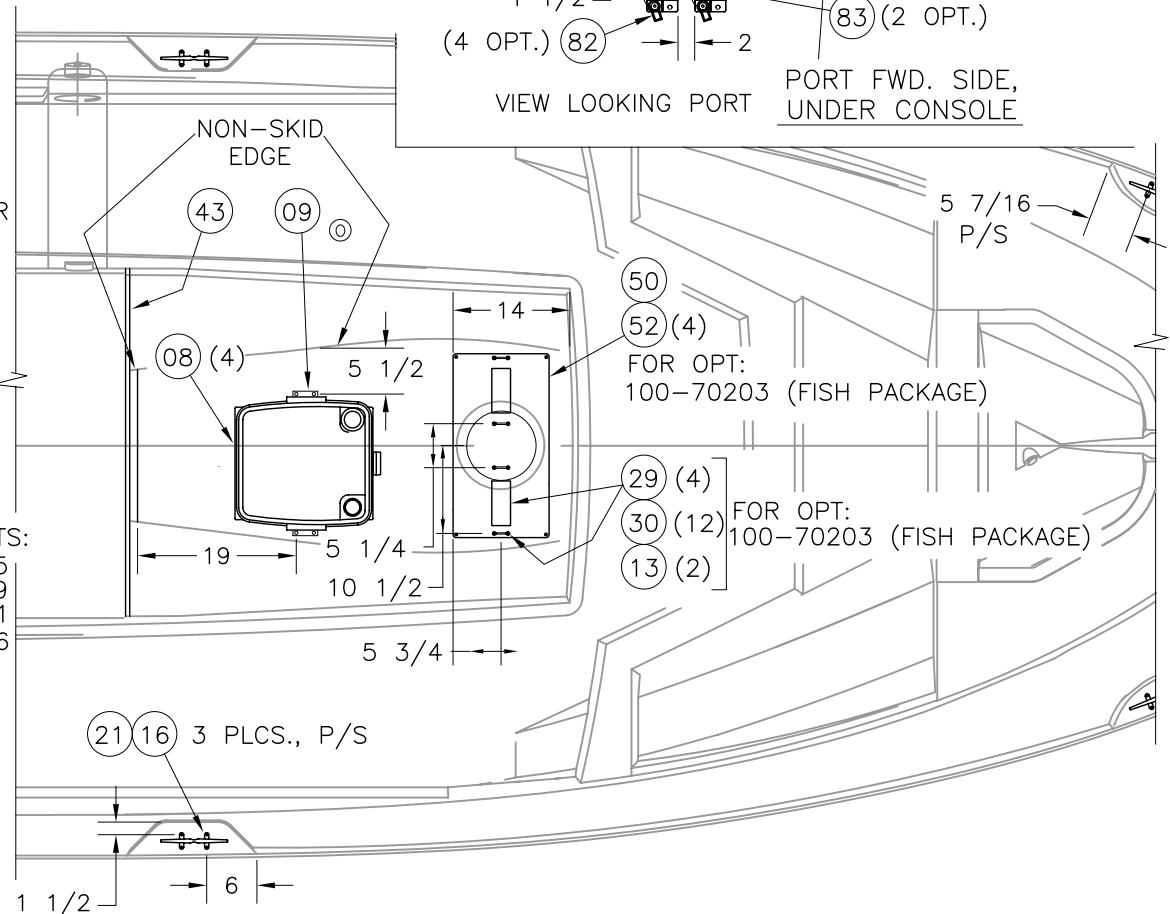


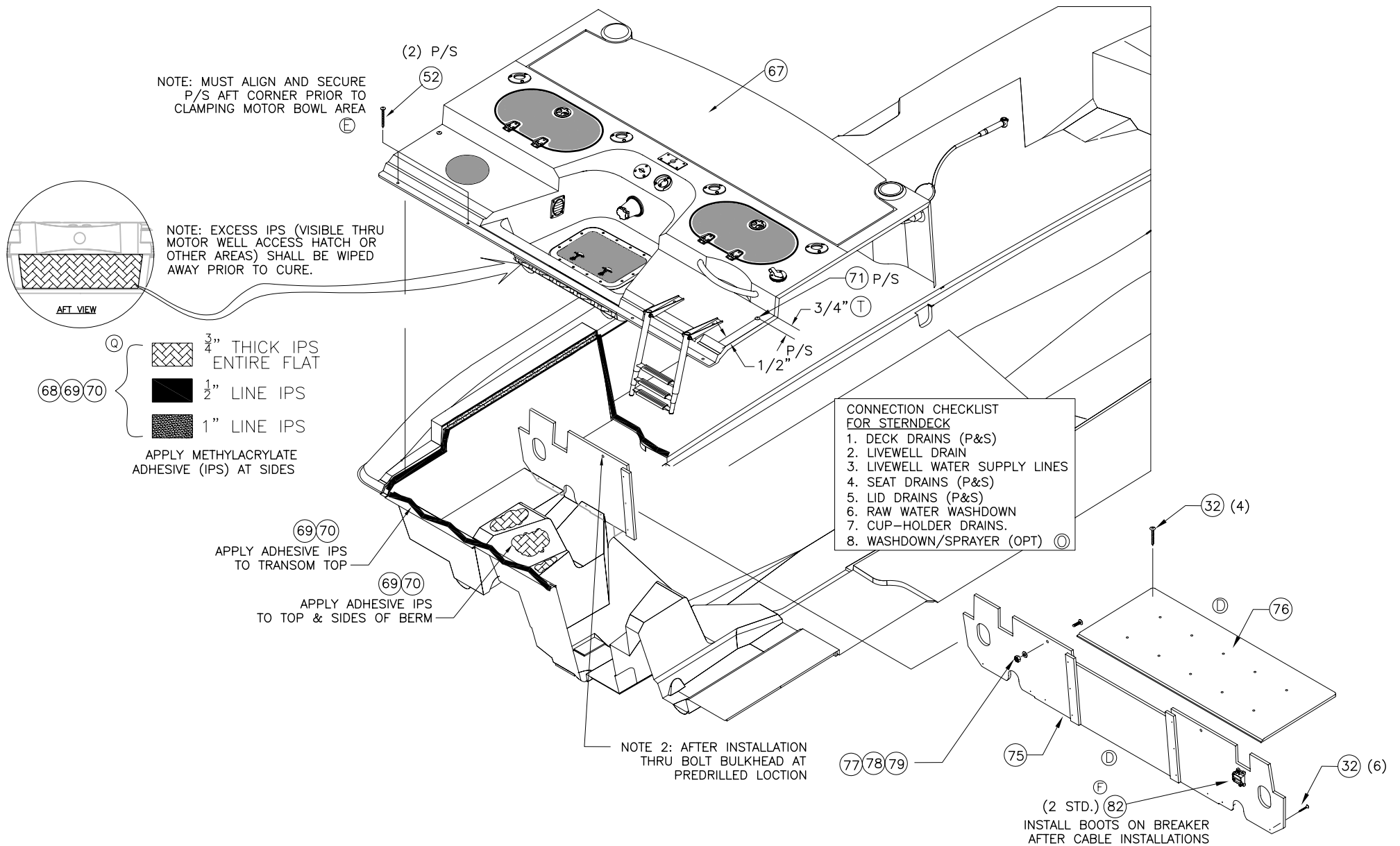
VIEW LOOKING PORT

PORT FWD. SIDE,
UNDER CONSOLE



PLAN-VIEW



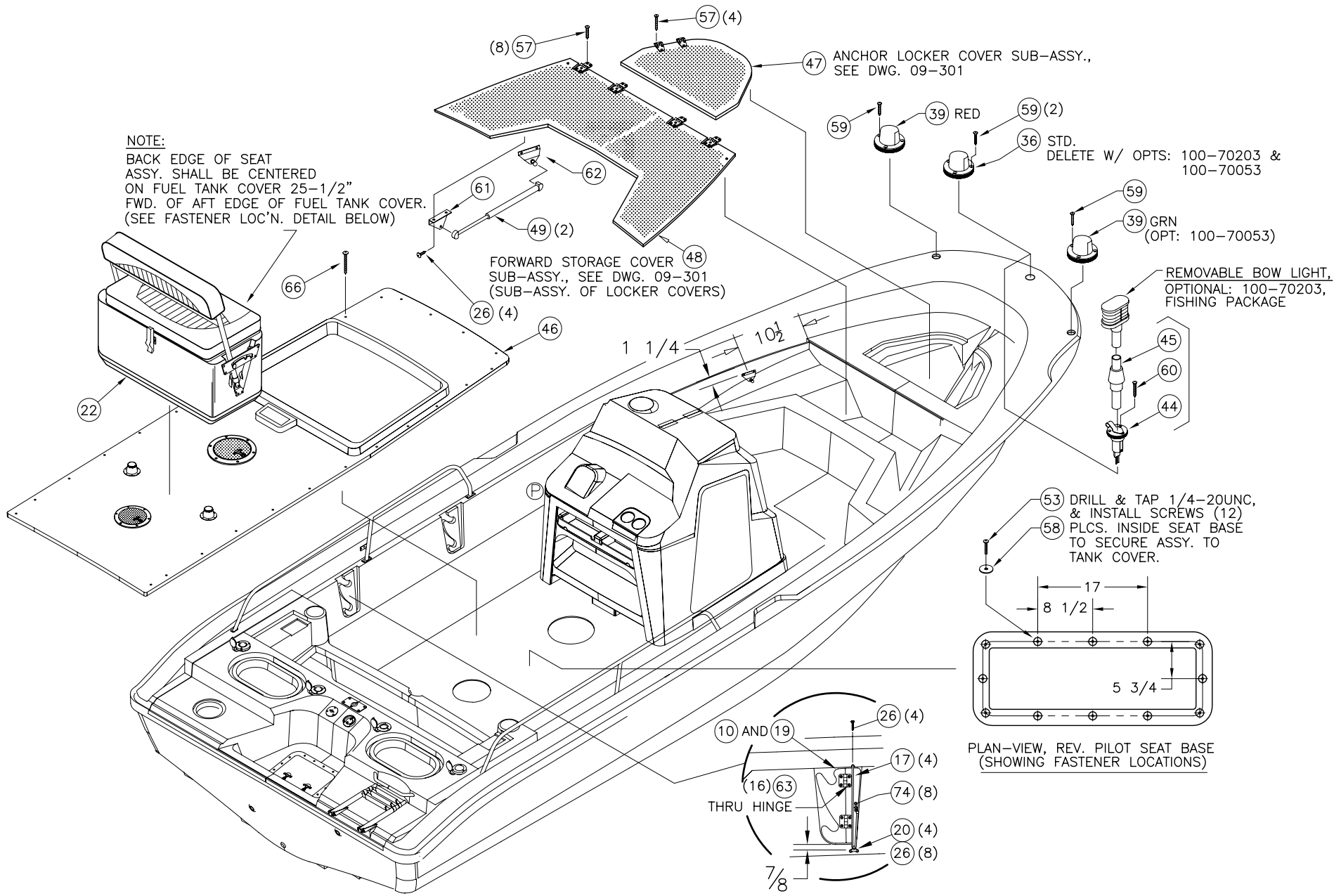


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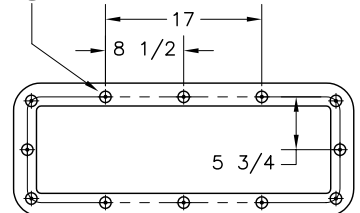
DWG. NO:
06151

REV.
U

CURRENT ECD
060627



NOTE:
BACK EDGE OF SEAT
ASSY. SHALL BE CENTERED
ON FUEL TANK COVER 25-1/2"
FWD. OF AFT EDGE OF FUEL TANK COVER.
(SEE FASTENER LOC'N. DETAIL BELOW)



PLAN-VIEW, REV. PILOT SEAT BASE
(SHOWING FASTENER LOCATIONS)



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 X = ± 1/16
.XX = ± .03

DO NOT SCALE DRAWING

DRAWN: HREAD	DATE: 9/28/05	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
DWG. TITLE: HULL OUTFIT & EQUIPMENT LOCATIONS			INIT. REL. ECN NO: 020531	DWG. NO: 06151
				SHT. NO. 4 of 5

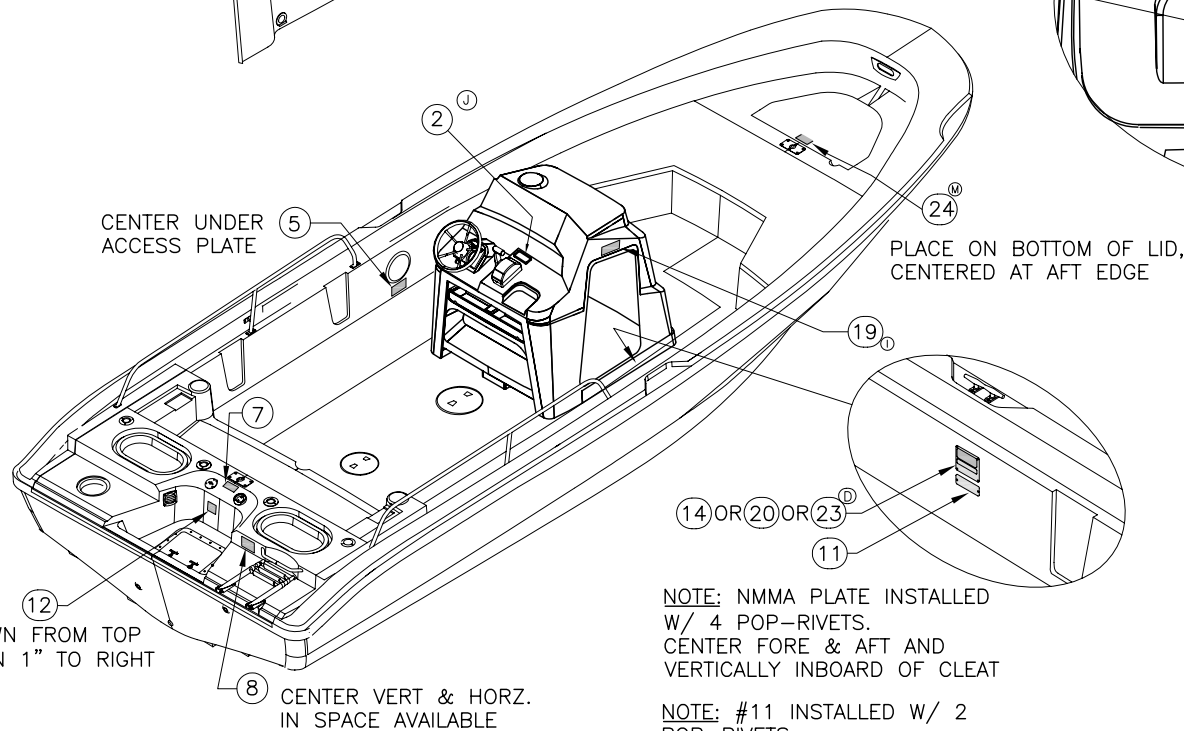
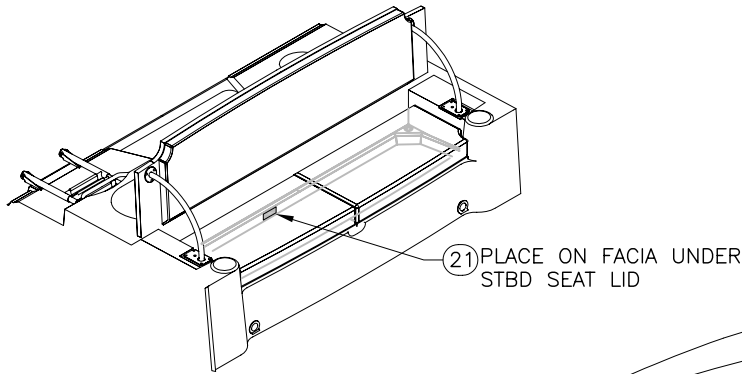
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DWG. NO: 12101	REV. M	CURRENT ECD 060242
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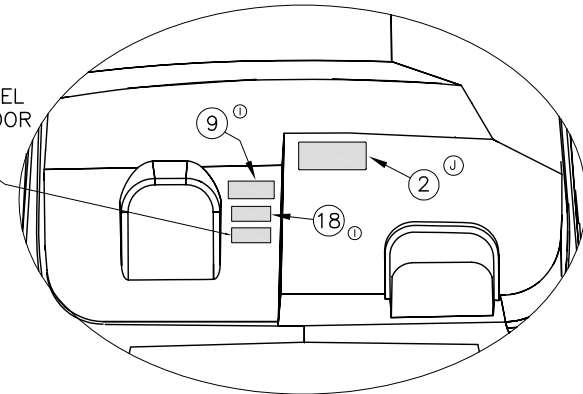
NOTES:

- CLEAN ALL AREAS WITH DENATURED ALCOHOL BEFORE APPLYING LABELS.
- LABEL 10 SHALL BE INCLUDED IN OWNERS DOCUMENTS PACKET.

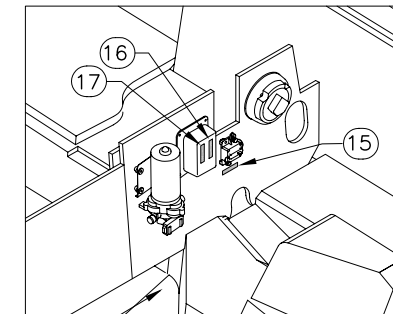
REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
I	MYE '06: UPDATED CONSOLE & LABEL LOC'NS ON CONSOLE	MRZ	07/06/05	MG	050663
J	#8 WAS 1016948; #2 ADDED.	RD	09/15/05	MG	050663
K	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
L	DELETE MERC DECAL PART #1743323.	AVM	03/01/06	ME	051212
M	DELETE ITEMS 1, 3, 5 & 6. ADD ITEM 24 AND STEERING LABEL, SHEETS 1 & 2	SLJ	05/23/06	AVM	060242



M ADD STEERING LABEL PROVIDED BY VENDOR



CONSOLE LABELS



13 ATTACHED TO PULL STRING IN BILGE
AFT STBD CORNER W/ DECK REMOVED

NOTE: NMMA PLATE INSTALLED W/ 4 POP-RIVETS. CENTER FORE & AFT AND VERTICALLY INBOARD OF CLEAT

NOTE: #11 INSTALLED W/ 2 POP-RIVETS.

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: E. SKAGGS	DATE: 8/12/02	DRAWN: H READ	DATE: 06/27/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: KR	DATE: 8/12/02	DWG. TITLE: LABEL INSTALLATION			INIT. REL. ECN NO: 020531	DWG. NO: 12101
DESIGN: L. SCHOLZ	DATE: 8/12/02				SHT. NO. 1 of 2	
INT. ENG: S. HIESTER	DATE: 6/09/04					

NOTES:

BILL OF MATERIALS

DESCRIPTION					
ITEM	QTY.	U/M	S/O		B.W.I. NO.
(M) 1	1	EA	STD	LABEL, BW FUEL TANK— NO DRILL	1016443
(J) (E) 2	1	EA	STD	LABEL, DANGER CO HELM 06	1811368
(M) 3	1	EA	STD	LABEL, BW SAFETY HI PERF— BOAT	1017136
4	1	EA	STD	LABEL, BW STEERING PULL WARNING	1016518
(M) 5	1	EA	STD	LABEL, BW VENT HOSE NO DRILL	1016898
(M) 6	1	EA	STD	LABEL, BW WARNING FUEL GAUGE READ	1016534
7	1	EA	OPT	LABEL, BW SKI PYLON	1590140
(J) 8	1	EA	STD	LABEL, DANGER CO TRANSOM 06	1811367
(F) 9	1	EA	OPT	LABEL, CAUTION REMOVE SKI PYLON	1752493
10	1	EA	STD	LABEL, BW WINDSHIELD CARE	1016955
(H) 11	1	EA	STD	PLATE, BW-05 MAX ENG WT 700LB/317KG	1774307
12	1	EA	STD	WARNING FUEL HAZARD	995704
13	2	EA	STD	TAG, BW DO NOT PULL RIGGING	999755
14	1	EA	STD	PLATE, NMMA 00—BW 220DA	1619832
15	1	EA	STD	LABEL, BW DC 02 MAIN BREAKER	1075282
16	1	EA	OPT	LABEL, STEREO	1075266
(F) 17	1	EA	OPT	LABEL, BILGE (LEXAN)	1745123
(F) 18	1	EA	OPT	LABEL, WARNING LTD VISION FROM HELM STN	1752856
(F) 19	1	EA	STD	LABEL, DOOR SECURED CLOSED WHILE UNDERWAY	1754632
20	1	EA	OPT	PLATE, BUILDERS CE 02—BW220DA	1619840
21	1	EA	STD	LABEL, WARNING DO NOT STORE FUEL	1691003
(L) 22	1	EA	STD	DECAL, MERC SMARTCRAFT NETWORKED	1743323
23	1	EA	OPT	PLATE, SAFETY CANADIAN CONFORMITY BW22DNT—03	1746017
(M) 24	1	EA	STD	LABEL, BW-07 CAUTION AVOID INJURY BOAT MOVMENT	1836858



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .XX = ± .03
 DO NOT SCALE DRAWING

DRAWN: H READ

DATE: 06/27/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

LABLE INSTALLATION

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

12101

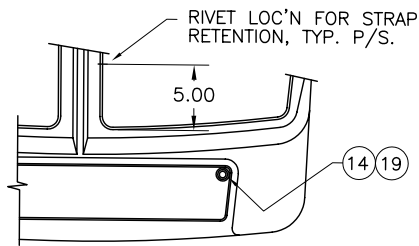
2 OF 2

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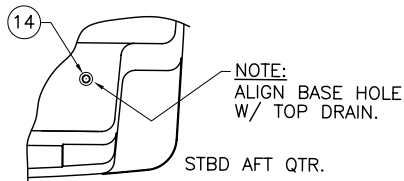
DWG. NO: 09405
 REV. H
 CURRENT ECD 0604144

NOTES:

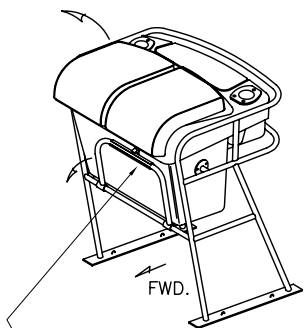
REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
E	ITEM #09 P/N 1799571 WAS 1591643.	SL	07/26/05	ME	050247
F	CHANGED PN# & DESCR. ITEMS 06, 07 & 08, SHEETS 1 & 2	SLJ	09/16/05	ME	040642
G	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
H	#12 WAS 1007764	SWH	06/02/06	AVM	0604144



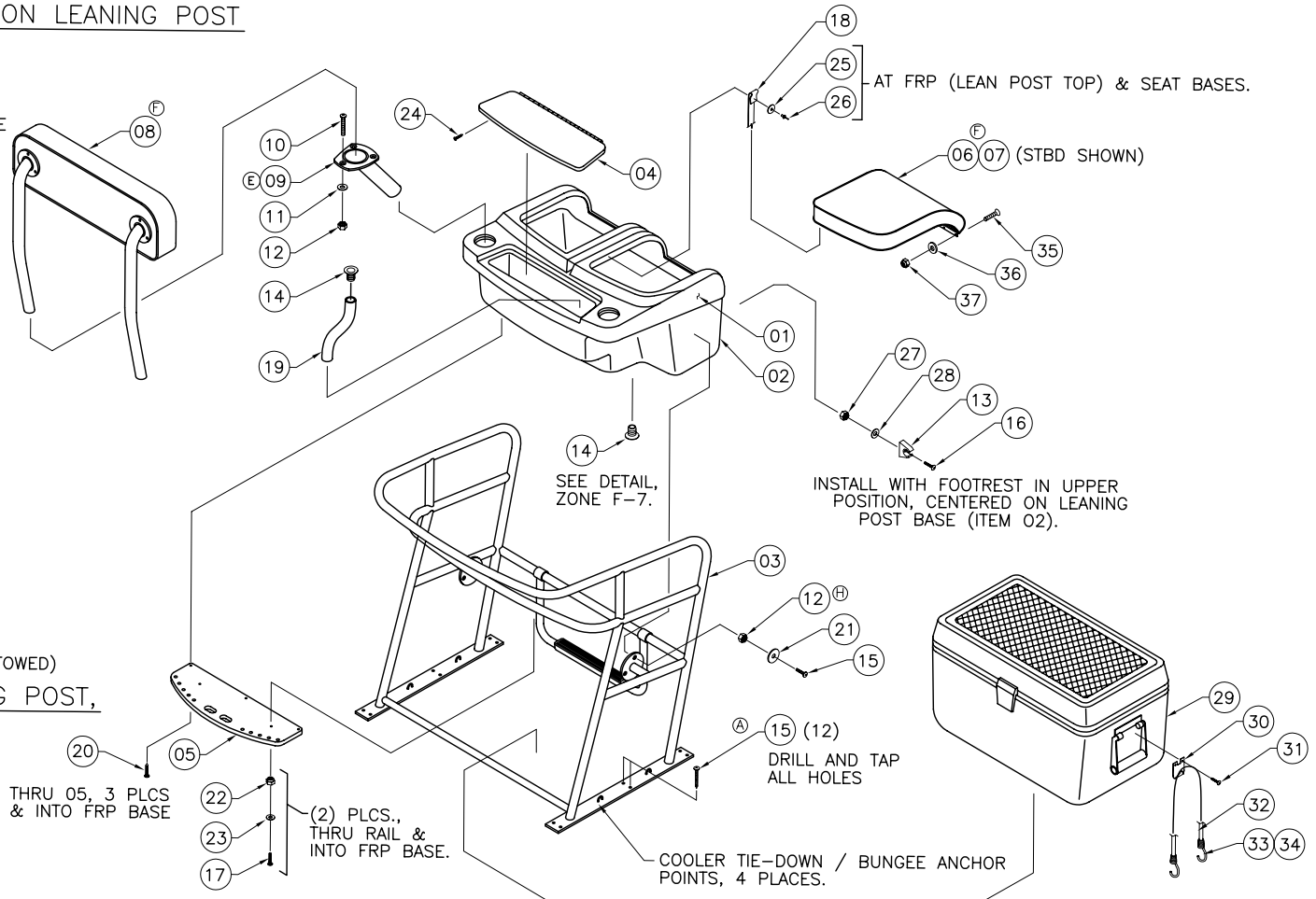
TOP-VIEW ON LEANING POST



TOP-VIEW ON LEANING POST BASE.



VIEW ON ASSEMBLED LEANING POST, LOOKING STBD AFT



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 7/23/02	DRAWN: R DURHAM	DATE: 07/18/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: KR	DATE: 7/29/02	DWG. TITLE: LEANING POST COOLER		INIT. REL. ECN NO: 020531	DWG. NO: 09405	SHT. NO. 1 of 2
DESIGN: L. SCHOLZ	DATE: 7/23/02					
INT. ENG: M. GATICA	DATE: 9/10/02					

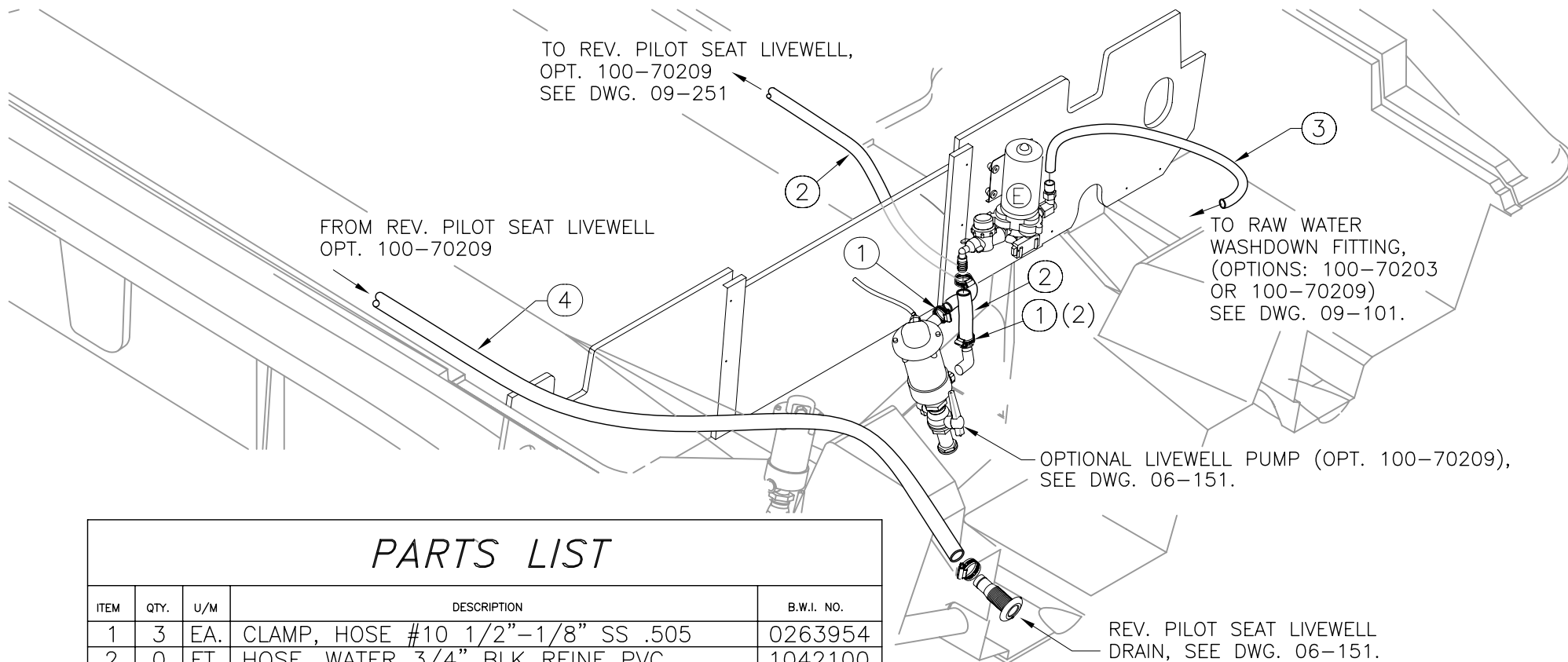
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DWG. NO:	REV.	CURRENT ECD
06103	G	060137

NOTES:

1. REFER TO DWG. 01-251 FOR HOSE LENGTHS / QTY.
2. REFER TO DWG. 06-151 FOR BULKHEAD INSTALLATION.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
E	ADDED NEW WATER PUMP FILTER VIEW	SLJ	04/05/05	ME	050319
F	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
G	CHANGED PN# & DESCRIPTION FOR ITEM# 3, WAS 1210160	JC	02/08/06	ME	060137



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
1	3	EA.	CLAMP, HOSE #10 1/2"-1/8" SS .505	0263954
2	0	FT.	HOSE, WATER 3/4" BLK REINF PVC	1042100
3	0	FT.	TUBING, SEATECH 15MM X 11MM X 250' GREEN	1758297
4	0	FT.	HOSE, WATER 1 1/8" BLK	1042076

ⓐ ⓓ

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

REVERSIBLE PILOT SEAT LIVEWELL & RAW-WATER PLUMBING

OPTION: 100-70209

 <p>PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: RA	DATE: 8/9/02	DRAWN: H READ	DATE: 06/25/02	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: KR	DATE: 8/12/02	DWG. TITLE:			22DNT	
	DESIGN: L. SCHOLZ	DATE: 8/12/02	LIVEWELL RAW WATER			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 09/10/02				020531	06103
						SHT. NO.	1 of 1

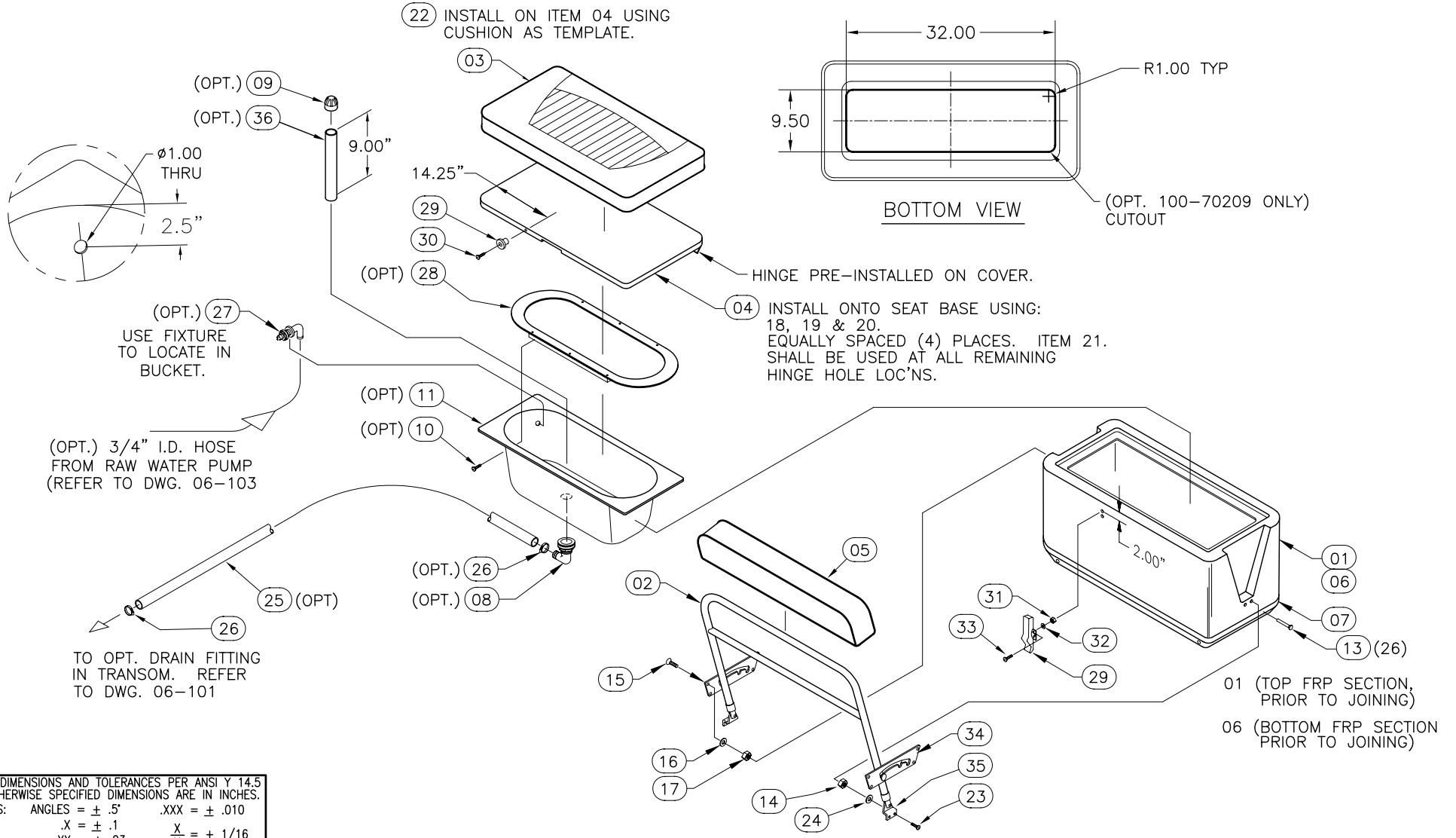
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DWG. NO: 09251
 REV. D
 CURRENT ECD 060132

NOTES:

- (OPT.) REFERS TO OPTION: 100-70209 LIVEWELL
- SEE DWG. 01-251 FOR HOSE LENGTHS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	ITEM 13 WAS QTY. 4.	RD	09/09/02	RA	020531
B	CHANGED NUMBERING SYSTEM / APPLY ATT. BORDER	AVM	03/10/03	-	030315
C	DELETED ITEM 12, SHEETS 1 & 2	SLJ	10/10/05	ME	051003
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 DO NOT SCALE DRAWING



CHECKED: R. AVILA	DATE: 6/30/02	DRAWN: H READ	DATE: 06/26/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: K. RANIERI	DATE: 7/29/02	DWG. TITLE: REV PILOT SEAT ASSY			INIT. REL. ECN NO: 020531	DWG. NO: 09251
DESIGN: R. AVILA	DATE: 7/29/02					SHT. NO. 1 of 2
INT. ENG:	DATE:					


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DWG. NO: 09251
 REV. D
 CURRENT ECD 060132

NOTES:

©

BILL OF MATERIAL				
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	FIBERGLASS PART, REVERS. PILOT SEAT	22J79800
02	1	EA	SUPPORT, SS REV SEAT W/ B/R	1187053
03	1	EA	CUSH, BW180DA-02 REV PILOT SEAT	1550151
04	1	EA	BASE, HDPE BW140/160DA-99 REV SEAT SEAFM	1185883
05	1	EA	CUSH, BW180DA-02 REV SEAT B/R	1573401
06	1	EA	PILOT SEAT BASE	22J98600
07	11	FT	TRIM, BLACK	1020932
08	1	EA	THRU-HULL, PLAS 1 1/8" TUBE X 90DEG WHT	1043371
09	1	EA	DRAIN, SCREEN ONLY 7/8" x 12"	1043348
10	6	EA	SCREW, TAPPING #6 X 3/4" PFH SC	1010370
11	1	EA	FIBERGLASS PART, LIVEWELL DROP-IN	22J87500
12	2	EA	IMPACT DRAIN	518878
13	26	EA	POP RIVET, BLK PLASTIC	1084151
14	4	EA	NUT, LOCK #1/4-20 SC STD PATT	1009786
15	8	EA	SCREW, MACH #10-24 x 3/4" POH SC	1008440
16	8	EA	WASHER, FLAT #10 SC	1260751
17	8	EA	NUT, HEX NYLON LOCK #10-24 SC	1007772
18	4	EA	SCREW, MACH #6-32 x 1" PFH SC	1010172
19	4	EA	WASHER, FLAT #6 SC	1326222
20	4	EA	NUT, LOCK #6-32 SC	1009810
21	11	EA	SCREW, TAPPING #6 x 1/2" PFH SC	1010362
22	8	EA	SNAP STUD, #8 x 3/8" PH	0203786
23	4	EA	SCREW, MACH 1/4-20 x 1" PPH SC	1008580
24	4	EA	WASHER, FLAT 1/4" SC	1260769
25		FT	HOSE, WATER 1 1/8" BLK	1042076
26	2	EA	CLAMP, HOSE #16 3/4-1.5" SS	0256685
27	1	EA	PUMP, SPRAY HEAD LIVEWELL AERATOR	0858944
28	1	EA	TRIM, HDPE BW14/160DA-00 LIVEWELL	1331768
29	1	EA	LATCH, DRAW SOFT-LATCH 4"	1364058
30	1	EA	SCREW, TAPPING #10 X 1" POH SC	1008507
31	2	EA	NUT, LOCK 8-32 SC	1009927
32	2	EA	WASHER, FLAT #8 SC	1326297
33	2	EA	SCREW, MACHINE #8-32 X 3/4" PTH SC	1010735
34	2	EA	PLATE, BWDA-01 REV SEAT SS	1566272
35	2	EA	BRACKET, BWDA-01 REV SEAT SS/DELTRIN	1566280
36	1	EA	DRAIN, STANDPIPE ONLY 7/8" X 12"	1583053

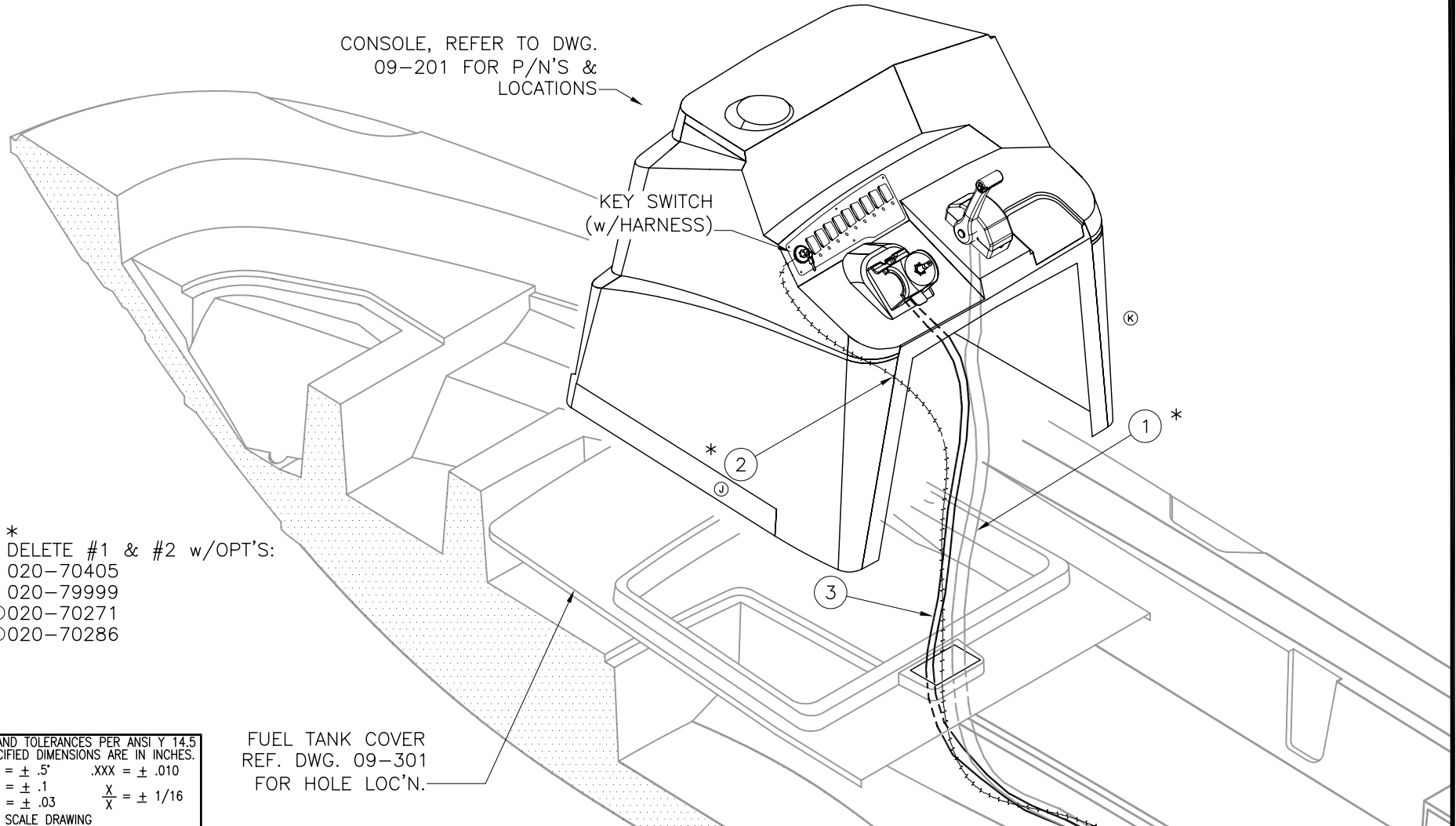
 <p>BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: ANGLES = ± .5° .X = ± .1 .XX = ± .03 X = ± 1/16 X = ± 1/16 DO NOT SCALE DRAWING	DRAWN: H READ DWG. TITLE: REV PILOT SEAT ASSY	DATE: 06/26/02 SCALE: NONE	BOAT MODEL: 22DNT INIT. REL. ECD NO: 020531	MOLD NO.: DWG. NO.: 09251	SHT. NO.: 2 of 2
	REV PILOT SEAT ASSY					

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DWG. NO: 10401
 REV. 0
 CURRENT ECD 060616

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
M	ADD OPT. 100-70401	GD	11/10/05	RA	05-11-24
N	MYE' 07-#1 WAS 1804042	HJR	06/19/06	MG	06-05-103
0	ADDED NOTE, SHEET 3. ADDED ITEM 14, SHEET 4	SLJ	06/20/06	AVM	060616

1. CONNECT CABLES IN ACCORDANCE w/MANUFACTURERS INSTALLATION SHEET.
2. CABLES TO BE SECURED SEPARATELY FROM ELECTRICAL & FUEL LINES.
3. ROUTE CABLES TO AVOID TWIST OR KINKING.
4. HYDRAULIC STEERING HOSE MUST BE PROTECTED FROM CHAFING.
5. MIN. BEND RADIUS FOR CONTROL CABLES IS 12".
6. MIN. BEND RADIUS FOR HYDRAULIC STEERING HOSE IS 3 1/2".



*
 DELETE #1 & #2 w/OPT'S:
 020-70405
 020-79999
 ©020-70271
 ©020-70286

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FUEL TANK COVER
 REF. DWG. 09-301
 FOR HOLE LOC'N.



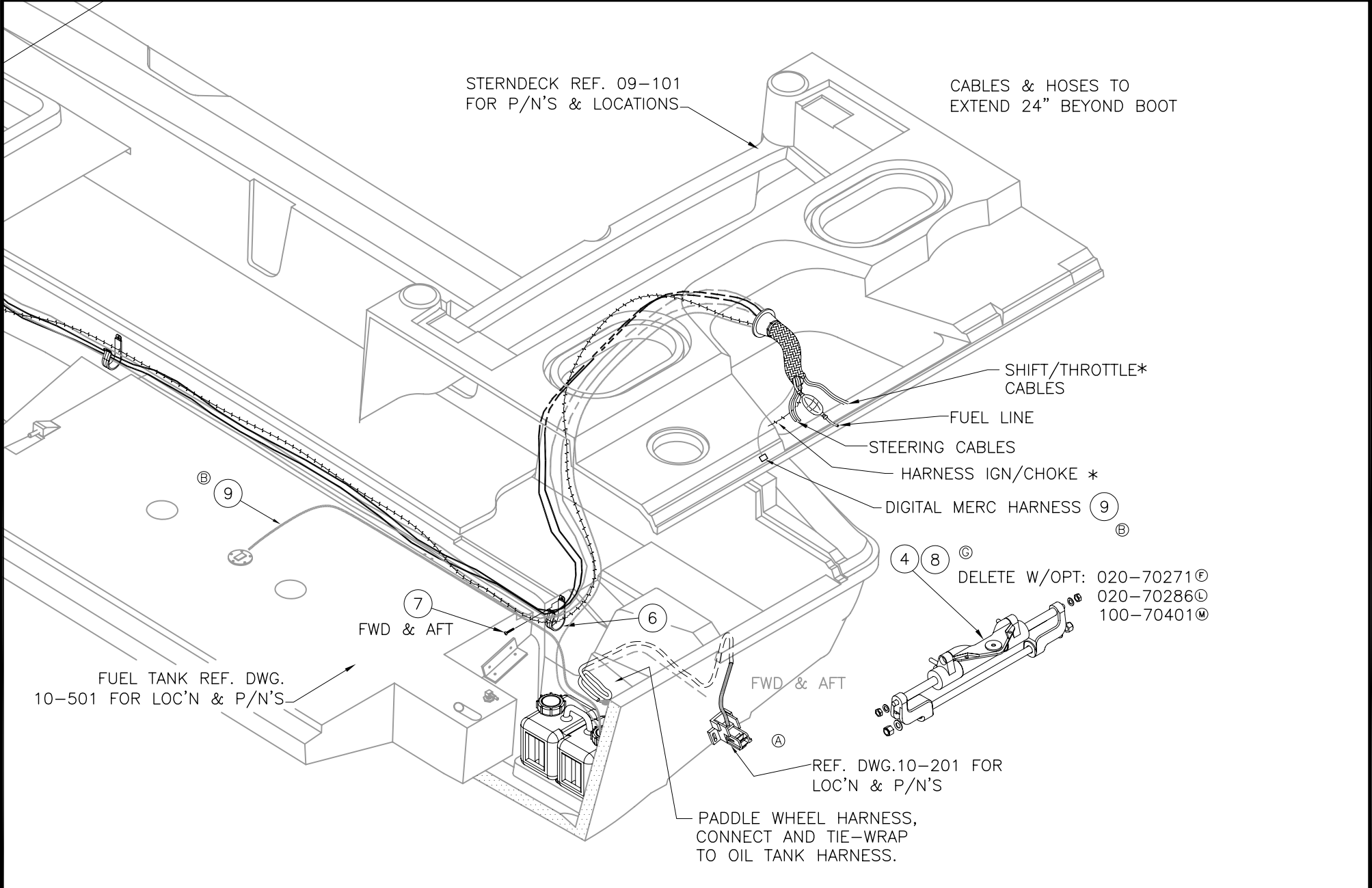
CHECKED: R. AVILA	DATE: 07/18/02	DRAWN: R. CRAVEN	DATE: 07/17/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: KR	DATE: 07/19/02	DWG. TITLE: Shift/ Throttle Installation		INIT. REL. ECN NO: 020531	DWG. NO: 10401	SHT. NO. 1 of 4
DESIGN: L. SCHOLZ	DATE: 08/19/02	INT. ENG: M. GATICA	DATE: 9/06/02			

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DWG. NO:
10401

REV.
0

CURRENT ECD
060616



STERNDECK REF. 09-101
FOR P/N'S & LOCATIONS

CABLES & HOSES TO
EXTEND 24" BEYOND BOOT

SHIFT/THROTTLE*
CABLES

FUEL LINE

STEERING CABLES

HARNESS IGN/CHOKE *

DIGITAL MERC HARNESS (9)

DELETE W/OPT: 020-70271 (E)
020-70286 (C)
100-70401 (W)

(7) FWD & AFT

(6)

FWD & AFT

FUEL TANK REF. DWG.
10-501 FOR LOC'N & P/N'S

REF. DWG. 10-201 FOR
LOC'N & P/N'S

PADDLE WHEEL HARNESS,
CONNECT AND TIE-WRAP
TO OIL TANK HARNESS.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5
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.XX = ± .03

DO NOT SCALE DRAWING

DRAWN: R.CRAVEN DATE: 07/17/02 SCALE: NONE
DWG. TITLE:
Shift/Throttle Installation

BOAT MODEL
22DNT
INIT. REL. ECN NO:
020531

MOLD NO.
DWG. NO:
10401

SHT. NO.
2 of 4

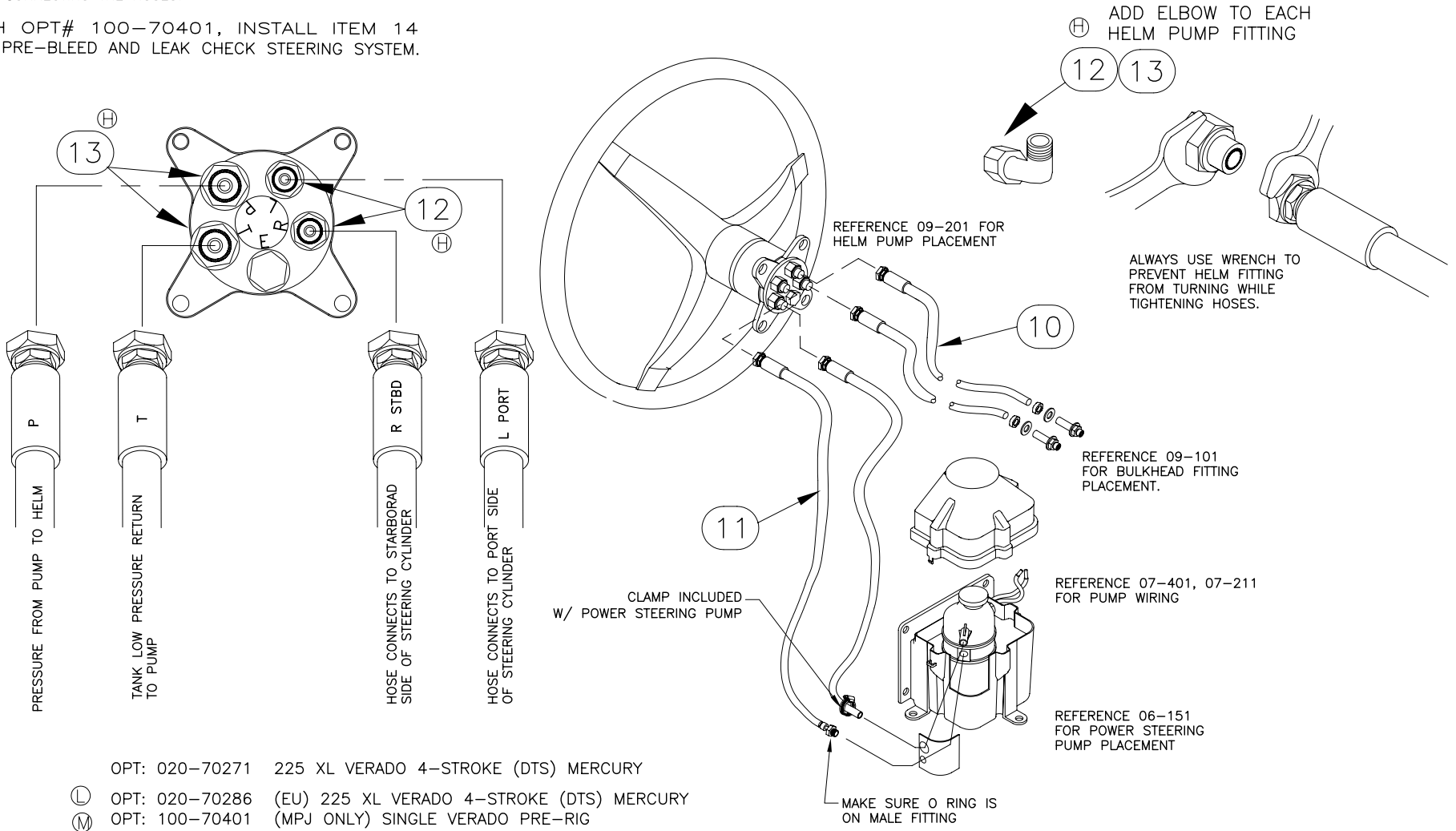
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DWG. NO:
10401

REV.
0

CURRENT ECD
060616

1. SYSTEM REQUIRES FILLING AND BLEEDING, REFER TO INSTRUCTIONS SUPPLIED WITH POWER STEERING PUMP.
2. USE ONLY SAE 0W-30 FULL SYNTHETIC POWER STEERING FLUID SUPPLIED W/ POWER STEERING PUMP.
3. TO PREVENT DEBRIS FORM ENTERING HOSES DO NOT REMOVE THE PROTECTOR CAPS FROM THE HOSE ENDS UNTIL CONNECTING THE HOSES.
4. WITH OPT# 100-70401, INSTALL ITEM 14 AND PRE-BLEED AND LEAK CHECK STEERING SYSTEM.



OPT: 020-70271 225 XL VERADO 4-STROKE (DTS) MERCURY

Ⓛ OPT: 020-70286 (EU) 225 XL VERADO 4-STROKE (DTS) MERCURY

Ⓜ OPT: 100-70401 (MPJ ONLY) SINGLE VERADO PRE-RIG



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DRAWN: R.CRAVEN DATE: 07/17/02 SCALE: NONE
 DWG. TITLE: Shift/Throttle Installation

BOAT MODEL 22DNT	MOLD NO.
INIT. REL. ECN NO: 020531	DWG. NO: 10401
SHT. NO. 3	of 4

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DWG. NO:
10401

REV.
0

CURRENT ECD
060616

Parts List

	ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
Ⓝ	1	2	EA.	CABLE, CNTRL MERC GEN II PLAT 17'	1848790
Ⓝ	2	1	EA.	HARNESS, ENG MERC S-CRFT 14 PIN 20'	1802105
	3	1	EA.	STEERING, O/B HOSE KIT 18' W/2 HOSES	1355304
	4	1	EA.	STEERING, HYD CYLINDER O/B PIVOT MNT	1095728
Ⓝ	5	1	EA.	STEERING, HYD CYL O/B PIVOT MNT	1691041
	6	2	EA.	CLIP, SUPPORT 2.25"DIA	1040344
	7	2	EA.	SCREW, TAPPING #10A X 3/4" PTH SC	1008762
	8	1	GL	FLUID, HYDRAULIC AEROSHELL #41	1807698
Ⓝ	9	1	EA.	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
Ⓝ	10	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 16' W/2 HOSES	1778946
Ⓝ	11	1	EA.	STEERING, O/B HOSE KIT PWR PK/HELM 16' W/2 HS	1782125
Ⓝ	12	2	EA.	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999
Ⓝ	13	2	EA.	STEERING, ELBOW BR 11/16" ORFS FEMALE X MALE	1804872
Ⓝ	14	1	EA.	ACC PART, KIT MERC FITTING CYL RESTRICTOR	1849386



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 .XX = ± .03
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DRAWN: R.CRAVEN DATE: 07/17/02 SCALE: NONE
 DWG. TITLE: Shift/Throttle Installation

BOAT MODEL: 22DNT MOLD NO.:
 INIT. REL. ECN NO: 020531 DWG. NO: 10401 SHT. NO. 4 of 4

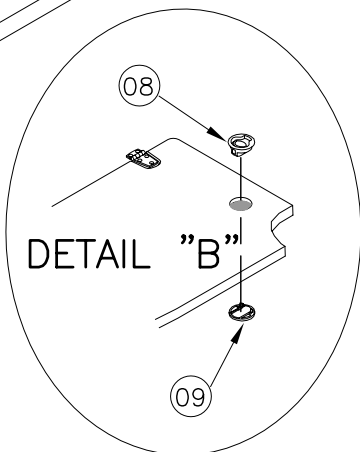
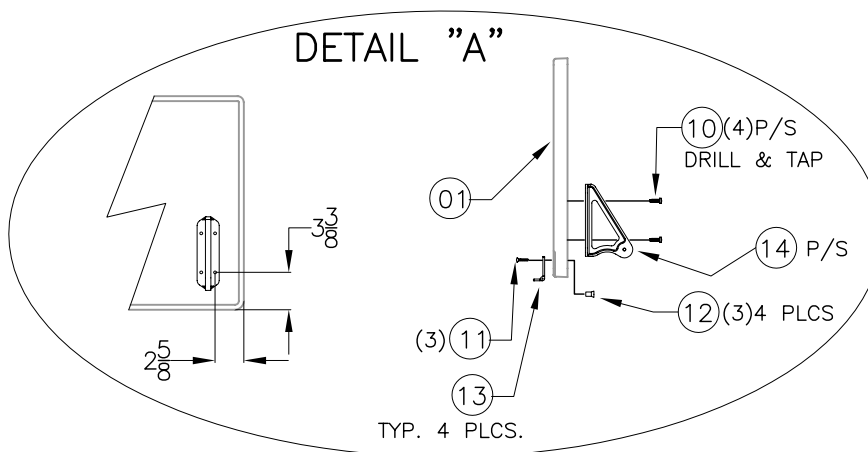
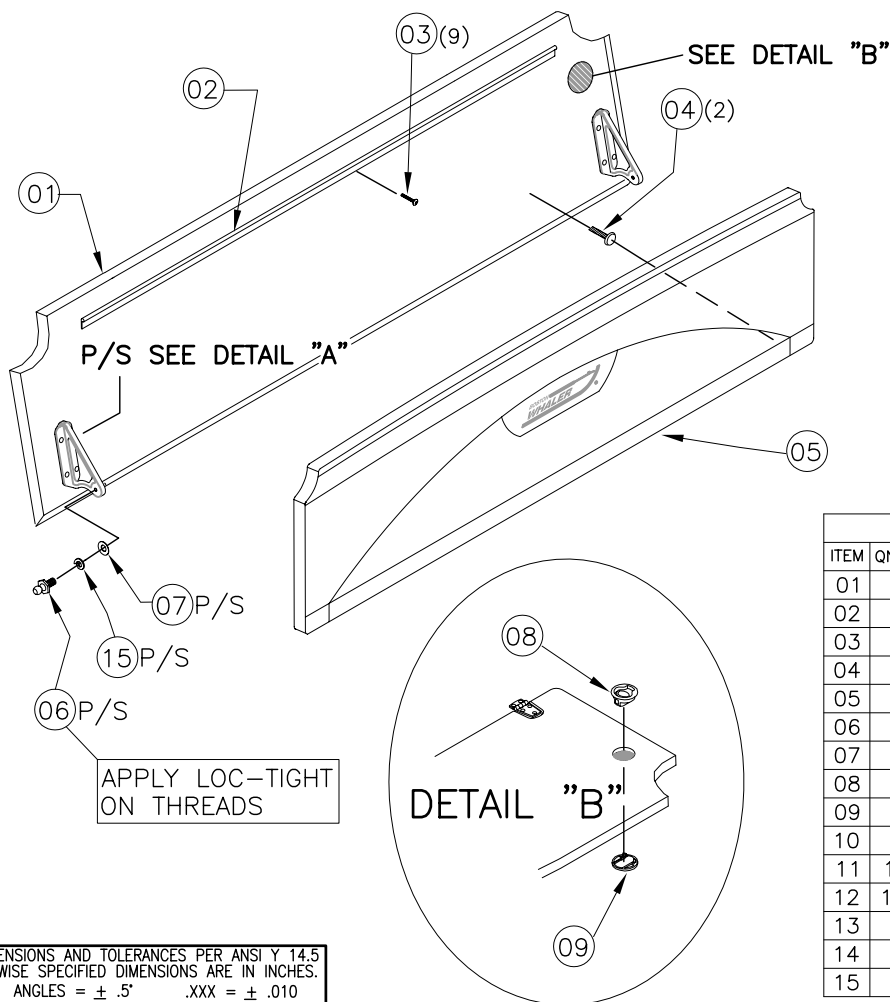
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DWG. NO: 09302 REV. E CURRENT ECD 0606141

NOTES:

1. REFER TO 05151 FOR LAMO DETAILS
2. REFER TO DWG. 09101 FOR INSTALLATION DETAILS
3. REFER TO DWG. 16151 FOR HOLE CUT DETAILS
4. #11 & #12 TO BE EMBEDDED IN SILICONE AT TIME OF INSTALLATION

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	LATCH #1 P/N 1847032 WAS 1753561.	SL	7/5/06		0604157
E	MYE 07: REDESIGN LID AND HARDWARE	SWH	7/6/06		0606141



PARTS LIST				
ITEM	QNTY.	U/M	DESCRIPTION	B.W.I. NO
01	1	EA.	FIBERGLASS - BENCH SEAT LID	22-k324-00
02	5	FT.	CANVAS, BW-00 SLIDE TRACK HARDTOP VINYL WHT	1357730
03	9	EA.	SCREW, TAPPING #6A X 1/2" PPH SC	1213081
04	2	EA.	SNAP STUD, W/#8 X 3/8" PH BR/NI/SS	0203786
05	1	EA.	CUSH, BW180/22DNT-05 STERN SEAT B/R	1781471
06	2	EA.	BRACKET, GAS CYL THREADED BALL STUD 1/2"SS	1835347
07	2	EA.	WASHER, FLAT #5/16" SC	1260785
08	1	EA.	LATCH, FLUSH MNT N/LOCKING SLAM SS	1781434
09	1	EA.	PLATE, FLAT BRKT 2"SHORT SCREW W/HWDR PKG	1781436
10	8	EA.	SCREW, MACHINE #1/4-20 X 1" PPH SC	1008580
11	12	EA.	SCREW, MACHINE #10-24 X 3/4" POH SC	1008440
12	12	EA.	NUT, BBL #10-24 X 3/8" FH	1040187
13	4	EA.	HINGE, DOOR SS 1.5"X 3" THINLINE	1617323
14	2	EA.	BRACKET, SS BW200DA-07 SEAT BACK	1835346
15	2	EA.	WASHER, LOCK/SPLIT 5/8" SC	1259589

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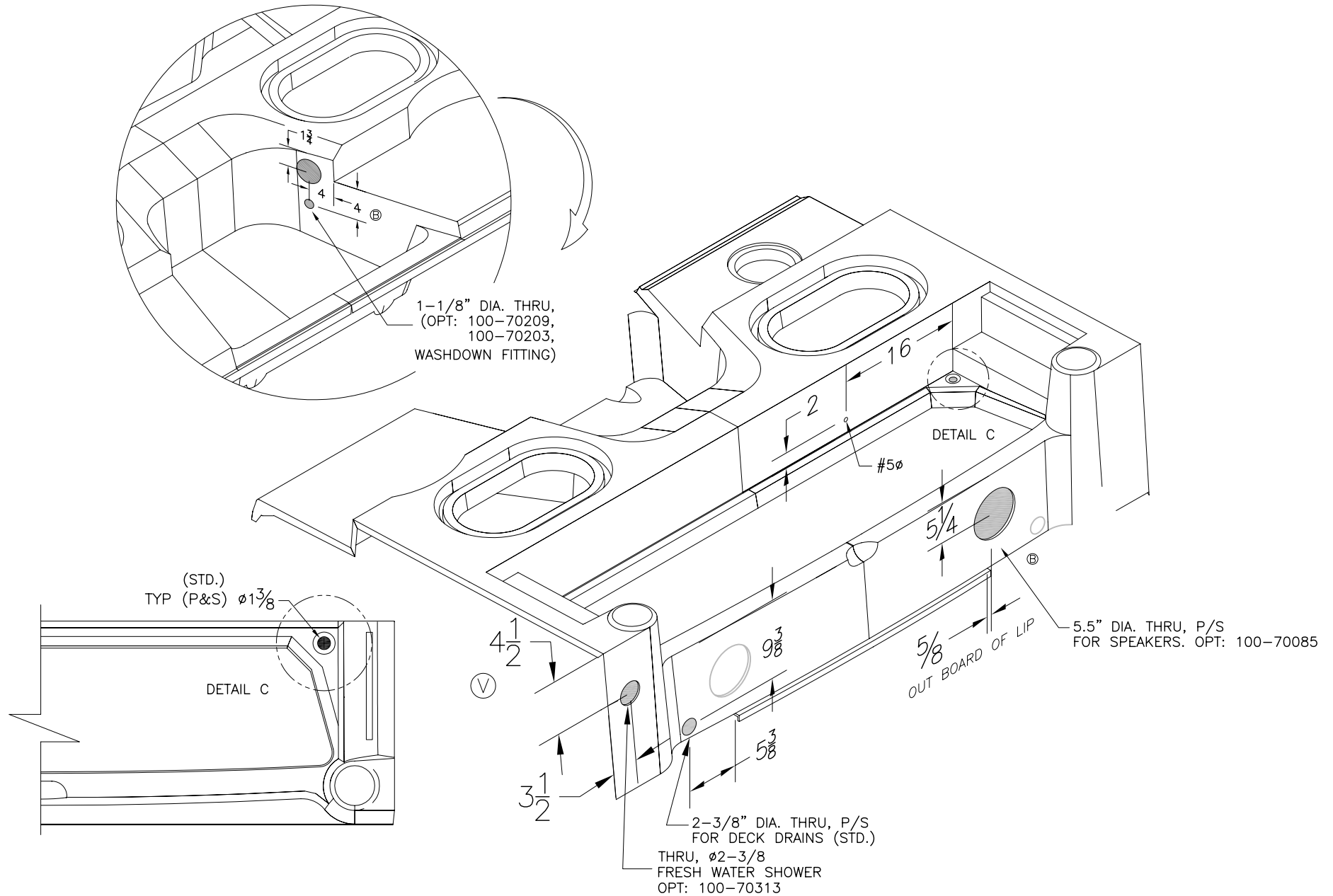
CHECKED: RA	DATE: 8/15/02	DRAWN: H READ	DATE: 08/13/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: L. SCHOLZ	DATE: 8/15/02	DWG. TITLE: STERN SEAT BACK REST SUB ASSEMBLY			22DNT	
DESIGN: L. SCHOLZ	DATE: 8/15/02			INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: M. GATICA	DATE: 09/10/02			020531	09302	1 of 1

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DWG. NO:
09101

REV.
AF

CURRENT ECD
0606141



BOSTON
WHALER
PRODUCT DEV. & MFG. ENGINEERING GROUP

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.X = ± .1 X = ± 1/16
.XX = ± .03

DO NOT SCALE DRAWING

DRAWN: H.READ

DATE:06/13/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

Sterndeck Sub-Assembly

INIT. REL. ECN NO:

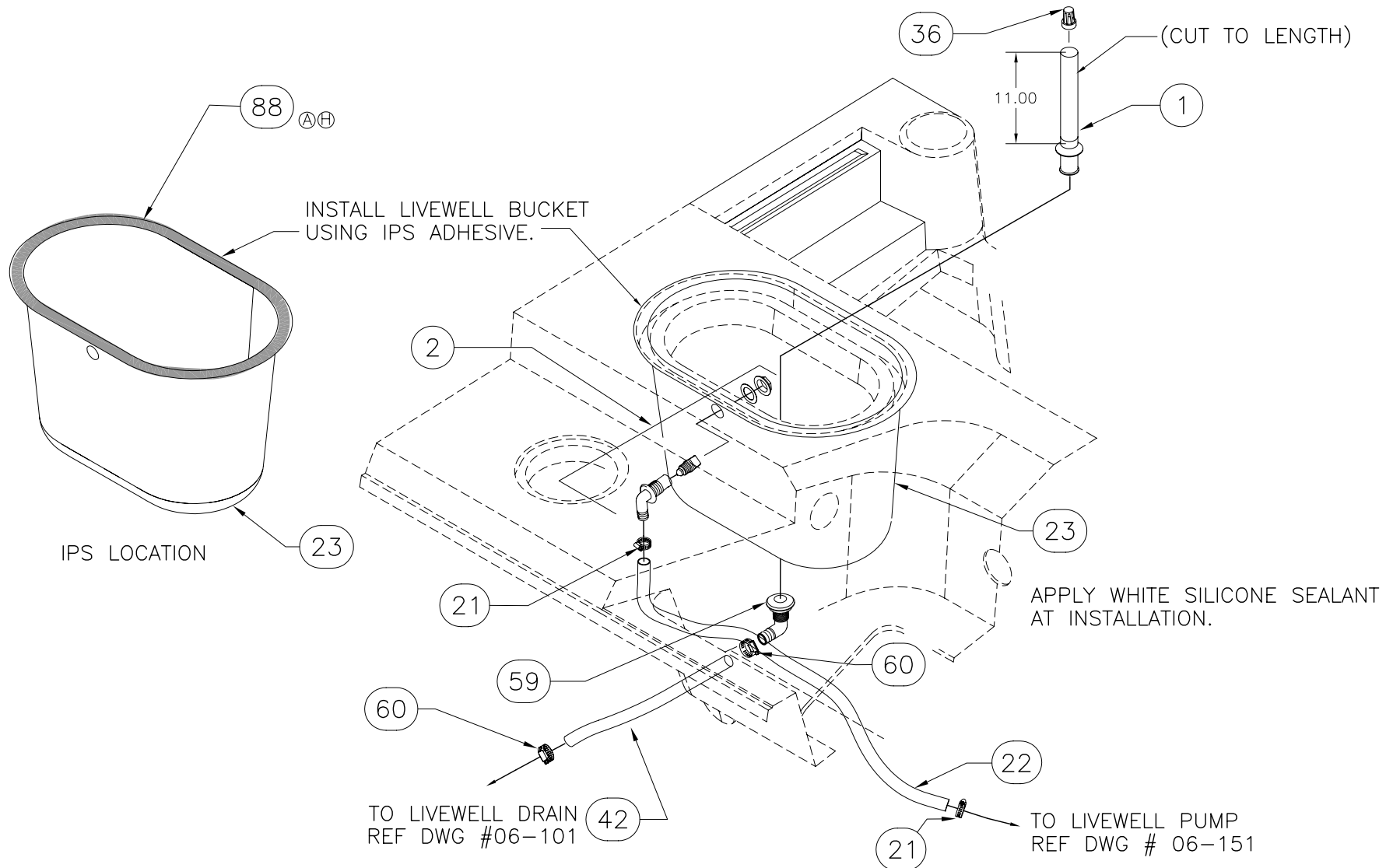
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SHT. NO.

020531

09101

2 of 8

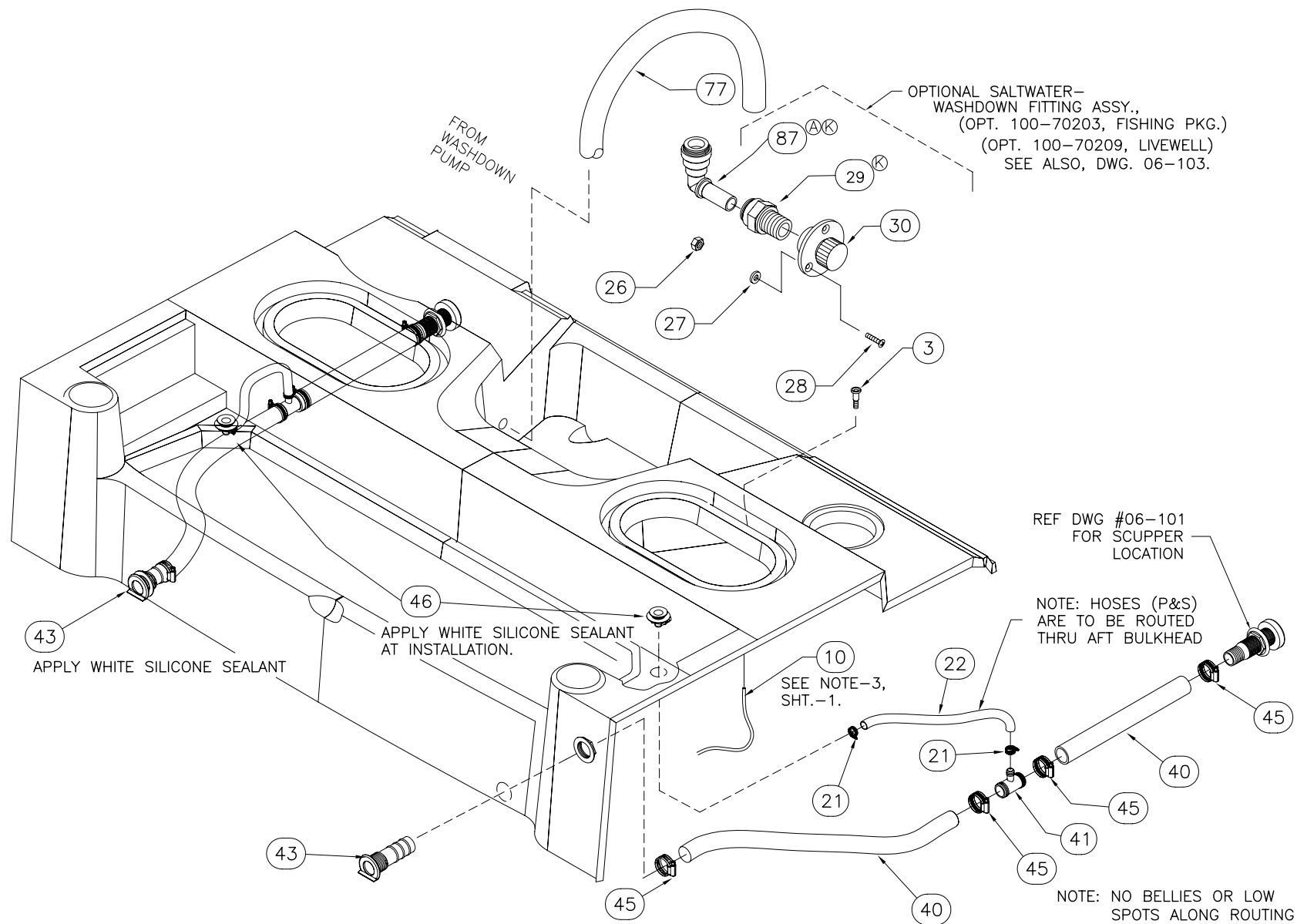


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DWG. NO:
09101

REV.
AF

CURRENT ECD
0606141



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DRAWN: H. READ DATE: 06/13/02 SCALE: NONE
 DWG. TITLE: Sterndeck Sub-Assembly

BOAT MODEL: 22DNT
 INIT. REL. ECN NO: 020531

MOLD NO.
 DWG. NO: 09101

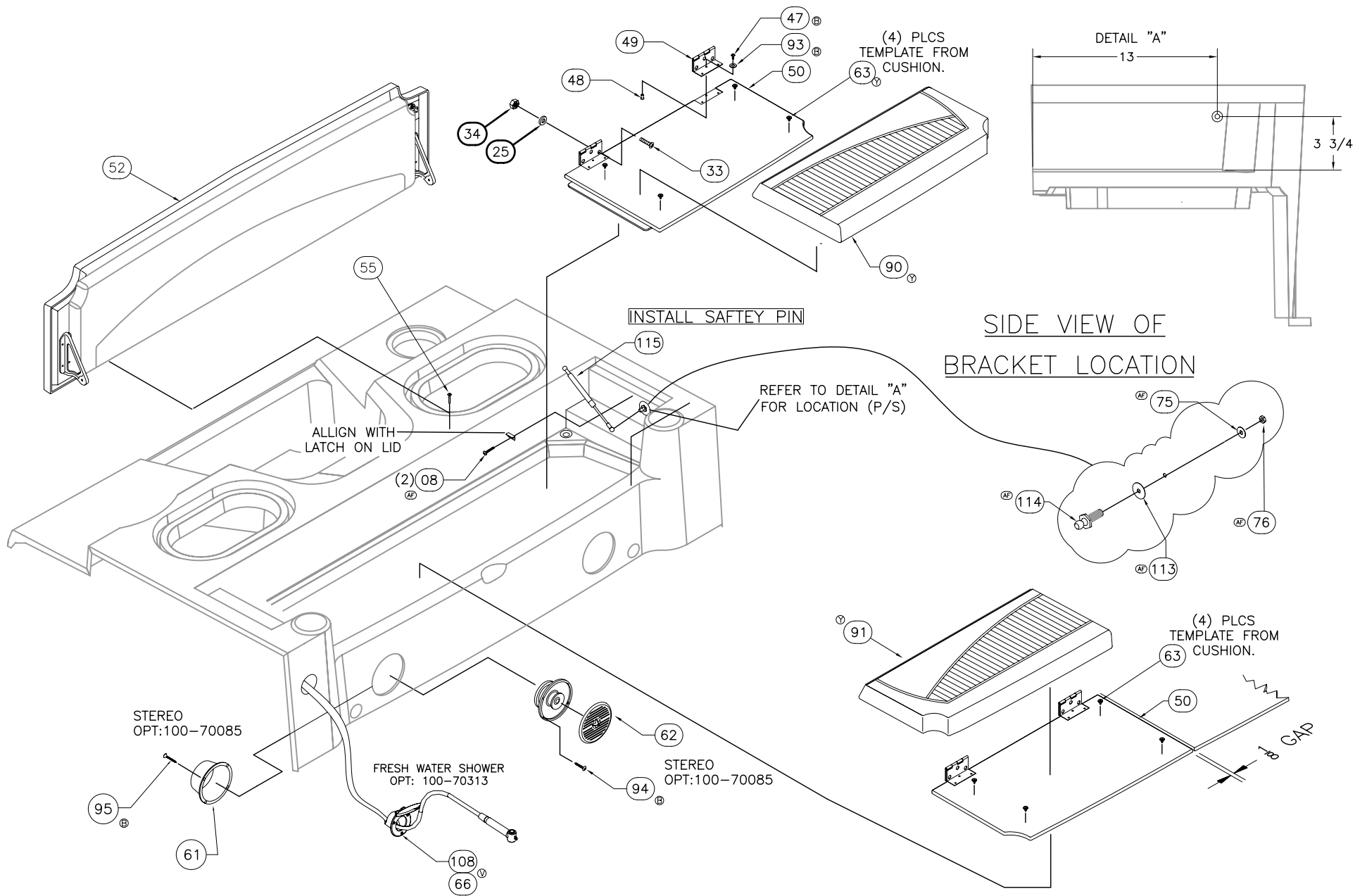
SHT. NO.
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DWG. NO:
09101

REV.
AF

CURRENT ECD
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 DO NOT SCALE DRAWING

DRAWN: H. READ DATE: 06/13/02 SCALE: NONE

DWG. TITLE: Sterndeck Sub-Assembly

BOAT MODEL
22DNT

MOLD NO.

INIT. REL. ECN NO:
020531

DWG. NO:
09101

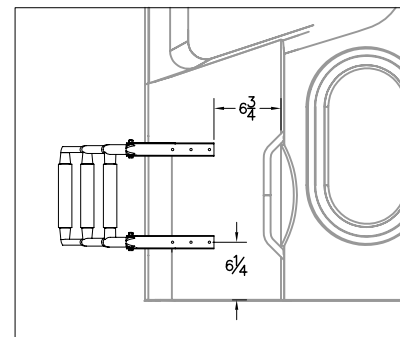
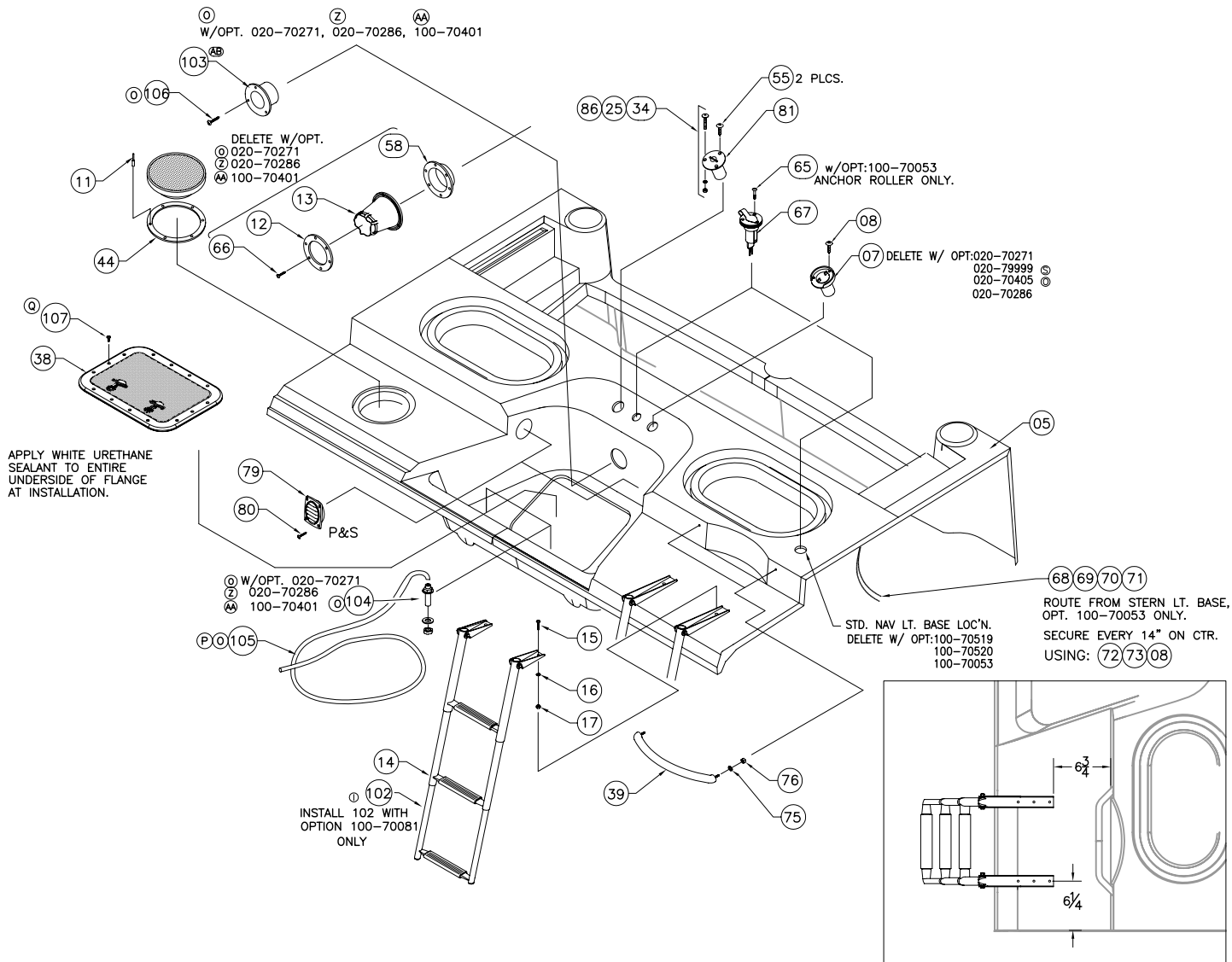
SHT. NO.
5 OF 8

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0606141



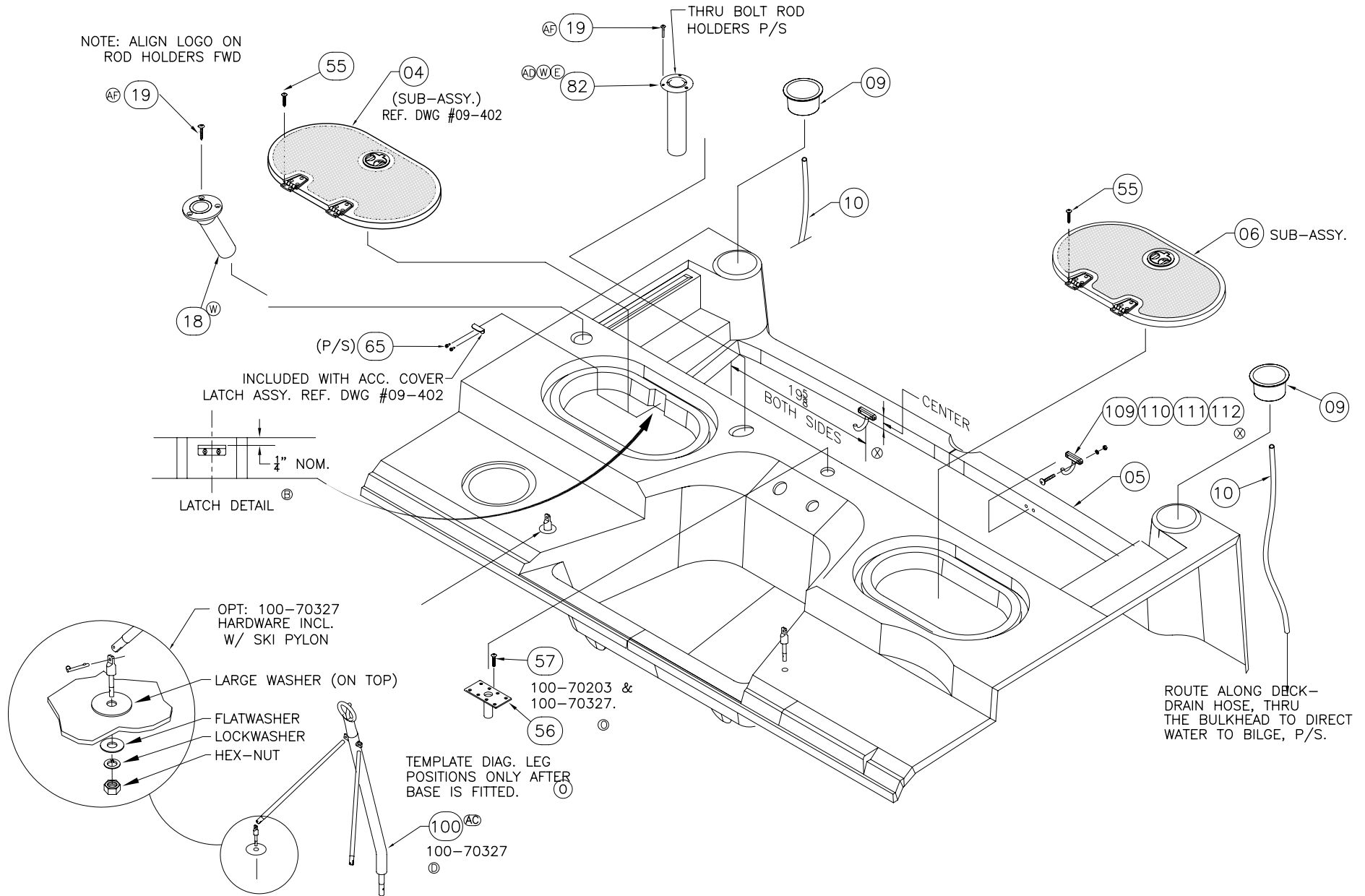
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DWG. NO:
09101

REV.
AF

CURRENT ECD
0606141

NOTE: ALIGN LOGO ON ROD HOLDERS FWD



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DWG. NO:
09101

REV.
AF

CURRENT ECD
0606141

		Parts List		
ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
1	1	EA.	DRAIN, STANDPIPE ONLY 7/8" x 12"	1583053
2	1	EA.	BAITWELL, AERATOR SPRAY HEAD ADJ.	0858944
3	2	EA.	DRAIN, PUSH IN 3/8" WHITE	0916833
4	1	EA.	ACC.COVER SUB-ASSY., STERN DECK PORT	09-402
5	1	EA.	FIBERGLASS PART, STERN DECK	22K10800
6	1	EA.	ACC.COVER SUB-ASSY., STERN DECK STBD	09-402
7	1	EA.	ACC PART, OIL FILL KIT (STERN DECK)	0733105
8	9	EA.	SCREW,TAPPING #8 X 5/8" PTH SC	1010925
9	2	EA.	DRINKHOLDR, PLAS W/RAIN DEEP XLG SZ BLK	1727419
10	0	FT.	HOSE, PVC CLEAR 3/8"	124347
11	6	EA.	RIVET, POP/BLIND #3/16 X 5/8" ALUM	0189415
12	1	EA.	BOOT, CABLE RING 3" BLK	1043330
13	1	EA.	BOOT, CABLE 3" BLK	1043223
14	1	EA.	LADDER, SWIM 3-STEP TELESCOP W/10" BRACKET	1589696
15	6	EA.	SCREW, MACHINE #1/4-20 X 1.5" PFH SC	1215052
16	6	EA.	WASHER, FENDER 1/4"X 1.25" SC	1260678
17	6	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786
18	2	EA.	ROD HOLDER, FLUSH MNT SS W/BW-05 LOGO	1799571
19	12	EA.	SCREW, MACHINE #1/4-20 X 2" POH SC	1213297
20	10	EA.	WASHER, FLAT #1/4" SC	1260769
21	6	EA.	CLAMP, HOSE #10 1/2"-1 1/8" SS .505 (P&S)	0263954
22	0	FT.	HOSE, WATER 3/4" BLK REINF PVC	1042100
23	1	EA.	CONTAINER, LIVE BAITWELL BW180DA/VT-02	1571348
24	12	EA.	SCREW, MACHINE #10-24 X 1" POH SC	1010446
25	13	EA.	WASHER, FLAT #10 SC	1260751
26	3	EA.	NUT, LOCK 8-32 SC	1009927
27	3	EA.	WASHER, FLAT #8 SC	1326297
28	3	EA.	SCREW, MACHINE #8-32 X 1" POH SC	1008481
29	1	EA.	ADAPTER, SEATECH STRAIGHT 1/2"MPT-15MM	1542919
30	1	EA.	FITTING, RAW WTR OUTLET SS	1718983
31	2	EA.	STOP, DOOR HOLDER RBR BLUE (P&S)	1142348
32	2	EA.	SCREW, MACHINE #10-24 X 1/2" POH SC (P&S)	1008432
33	12	EA.	SCREW, MACHINE #10-24 X 1" PPH SC	1213222
34	13	EA.	NUT, HEX NYLON LOCK #10-24 SC	1007772
35	4	EA.	HINGE, DOOR SS 1.5" X 3" THINLINE	1617323
36	1	EA.	DRAIN, SCREEN ONLY 7/8"X 12"	1043348
37	10	EA.	NUT, HEX #1/4-20 SC	1260694
38	1	EA.	HATCH, UTILITY 13.5"X 16.5" WHT	1719060
39	1	EA.	RAIL, GRAB 7/8"X 14.5" SS W/5/16" STUD	1617315
40	0	FT.	HOSE, SANI 2" BLK	1746049
41	2	EA.	TEE, PVC 2"BARB X 3/4"BARB X 2"BARB BLK (P&S)	1747280
42	0	FT.	HOSE, WATER 1 1/8" BLK	1042076
43	2	EA.	THRU-HULL, PLAS 2" SHORT L-HEAD W/BARB	1760066
44	1	EA.	PLATE, DECK ACCESS 6" PRY-OUT SAND	1447432
45	8	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
46	2	EA.	DRAIN, HATCH 3/4"BARB W/NUT 90DEG WHT	1058841
47	12	EA.	SCREW, MACHINE #10-24 X 1/2" POH SC	1008432
48	12	EA.	NUT, BBL #10-24 X 3/8" FH	1040187
49	4	EA.	HINGE, BUTT 4" OFFSET SS BW120IM-01	1474881
50	1	EA.	BASE, HDPE BW22DNT-03 STERN SEAT	1739482
51	1	EA.	CUSH, BW180/22DNT-05 STERN SEAT B/R	1781471
52	1	EA.	SUB ASSY, STERN SEAT BACK	09-302
53	2	EA.	BRACKET, BW180DA-02 STERN SEAT STOP	1531870
54	4	EA.	SCREW, MACHINE #10-24 X 3/4" POH SC	1008440
55	18	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507
56	1	EA.	BASE, BW-05 FISH PED 3"X 6" THREADED SS	1771159

		Parts List		
ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
57	8	EA.	SCREW, MACHINE #1/4-20 X 1" PFH SC	1009950
58	1	EA.	GROMMET, CABLE BOOT 3" BLK	1574839
59	1	EA.	THRU-HULL, PLAS 1 1/8" TUBE x 90 DEG WHT	1043371
60	2	EA.	CLAMP, #16 3/4"-1.5" SS .505	256685
61	2	EA.	COVER, ABS SPKR 7 1/8" RAD WHT	1047836
62	2	EA.	SPEAKER, COAXIAL 6.5" W/WHT CVR & WHT TWEETER	1690555
63	8	EA.	SNAP STUD W/#8 X 3/8" POH	203786
65	7	EA.	SCREW, TAPPING #6A X 1/2" PPH SC	1213081
66	9	EA.	SCREW, TAPPING #8A X 1" POH SC	1213065
67	1	EA.	LIGHT, NAV STERN BASE RND CHR	0331751
68	5	FT.	WIRE, 14GA AWG BLK INSUL TIN/CPR	1000140
69	5	FT.	WIRE, 14GA AWG GREY/WHT INSUL TIN/CPR	1000371
70	5	FT.	HOSE, CONDUIT/SPLIT 1/4" FLAME RET.	1501808
71	2	EA.	CONN BUTT 16/14GA H/SHRINK	0154997
72	4	EA.	TIE CLIP, BLK	1031764
73	4	EA.	TIE, CABLE 6" LG NYLON BLK	0999672
74	5	EA.	TRACK, PVC HATCH SLIDE 10" WHITE	1617398
75	4	EA.	WASHER, FLAT 5/16" SC	1260785
76	4	EA.	NUT, HEX NYLON LOCK 5/16-18 SC	1007814
77	0	FT.	TUBING, SEATECH 15MM X 11MM BLUE	1210160
78	4	EA.	NUT, BBL #10-24 X 3/8" TH CHR/CP	1040211
79	2	EA.	VENT, LOUVERED 3 5/8"X 3 5/8" WHT	819243
80	8	EA.	SCREW, TAPPING #8A X 3/4" POH SC	1213057
81	1	EA.	DECK FILL, GAS SS 30DEG ANGLE	0858449
82	2	EA.	ROD HOLDER, FLUSH MNT SS 90DEG W/CAP ATTWOOD	1799572
83	8	EA.	SCREW, MACHINE #4-40 X 1" PFH SC	1259472
84	8	EA.	NUT, HEX NYLON LOCK #4-40 SC	1667245
85	8	EA.	WASHER, FLAT #4" SC	1259639
86	1	EA.	SCREW, MACHINE #10-24 X 1.5" POH SC	1305788
87	1	EA.	ELBOW, SEATECH 90DEG STEM 15MM	1214840
88	250	EA.	ADHESIVE, WELD-ON SS 214 2PART 470ML	1558485
89	006	LB.	ADHESIVE, WELD-ON SS 214HV COMPONENT B	1585314
90	1	EA.	CUSH, BW180/22DNT-05 STERN SEAT BASE PRT	1781472
91	1	EA.	CUSH, BW180/22DNT-05 STERN SEAT BASE STB	1781473
92	1	EA.	SCREW, MACHINE #10-24 X 1 1/4" PPH SC	1008630
93	12	EA.	WASHER, FINISH #10 SS	896258
94	8	EA.	SCREW, TAPPING #6A X 1" PFH SC	1010354
95	8	EA.	SCREW, TAPPING #6A X 1/2" PTH SC	1008796
96	2	EA.	CAP, BLACK RUBBER 2" ROD HOLDER	1634344
97	1	EA.	COVER, ABS BW22DNT-03 STERNDECK PRT	1735717
98	1	EA.	COVER, ABS BW22DNT-03 STERNDECK STB	1735718
99	10	EA.	SCREW, TAPPING #8 X 5/8" PTH SC	1010925
100	1	EA.	SKI TOW PYLON, BW-06 38" W/15 DEG BEND 316SS	1819613
101	2	EA.	SCREW, TAPPING 14A X 3/4" POH	1010560
102	1	EA.	LADDER, SWIM 3-STEP TELESCOP W/13" BRACKET	1749735
103	2	EA.	FLANGE, RIGGING BOOT 2" BLK	1818344
104	2	EA.	STEERING, BLKHD 3/4" FITTING MALE TO MALE	1773917
105	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 1' W/2 HOSES	1773895
106	3	EA.	SCREW, TAPPING #10A X 1" PTH SC	1008739
107	14	EA.	SCREW, MACHINE #10-24 X 3/4" PPH SC SELF-TAP	1781122
108	1	EA.	WASHDOWN/SPRAYER, VERT MNT WHT W/BW LOGO	1612928
109	2	EA.	HOOK, SS UTIL 1 1/4"	1811612
110	4	EA.	SCREW, MACHINE #6-32 X 1" PFH SC	1010172
111	4	EA.	NUT, LOCK 6-32 SC	1009810
112	4	EA.	WASHER, FLAT #6 SC	1326222
113	2	EA.	WASHER, FENDER 5/16"X 1.5" SC	1326180
114	2	EA.	BRACKET, GAS CYL THREADED BALL STUD 1"SS	1840353
115	2	EA.	CYLINDER, GAS SS 20PSI 7"-10" W/SS ENDS	1839049



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± .015
 DO NOT SCALE DRAWING

DRAWN: H. READ

DATE: 06/13/02

SCALE: NONE

BOAT MODEL
22DNT

MOLD NO.

DWG. TITLE:

Sterndeck Sub-Assembly

INIT. REL. ECN NO:
020531

DWG. NO:
09101

SHT. NO.

8 OF 8

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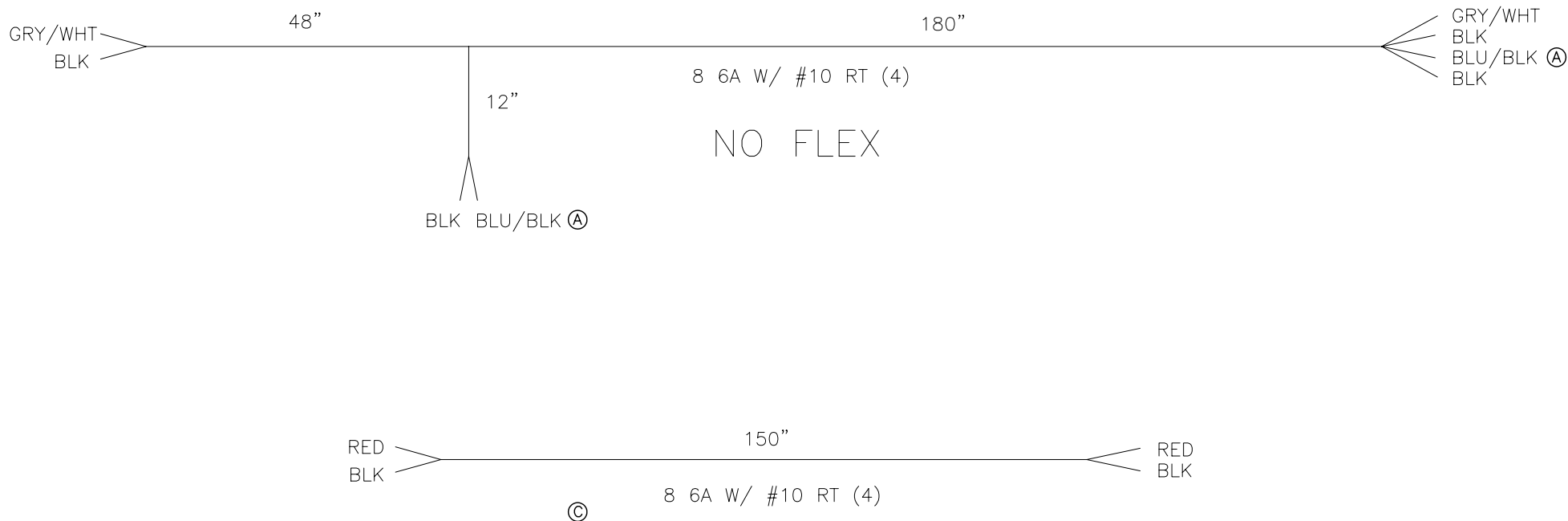
DWG. NO:
07207

REV.
D

CURRENT ECD
060132

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	BLU/BLK LEAD WAS BLU/VIO.	SL	10/31/02	MG	021062
B	Changed Numbering System/Apply Att.Border.	AVM	03/10/03	MG	030302
C	MYE '06: ADDED SUPPLEMENT HARNESS	MRZ	07/08/05	MG	050663
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: R. AVILA	DATE: 8/26/02	DRAWN: R. CLIFTON	DATE: 08/26/02	SCALE: NONE	BOAT MODEL 22DNT	MOLD NO.
APPD: R. CLIFTON	DATE: 8/26/02	DWG. TITLE: T TOP HARNESS CONSTRUCTION			INIT. REL. ECN NO: 020531	DWG. NO: 07207
DESIGN: L. SCHOLZ	DATE: 8/28/02				SHT. NO. 1 of 2	
INT. ENG: M. GATICA	DATE: 9/02/02					

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DWG. NO:
07207

REV.
D

CURRENT ECD
060132

NOTES:

- 1.) WIRES TO BE 105° C, SAE J378/J1128, WITH TYE 2 STRANDING. GROUNDING WIRES TO BE TYPE 3 AND TINNED COPPER.
- 2.) ALL LOW VOLTAGE WIRE INSULATION TO HAVE THE FOLLOWING INFORMATION PRINTED ON IT: A: MANUFACTURER'S NAME
B: TEMPERATURE RATING (I.E. 105° C) C; SAE J378/J1127 D: GAUGE (I.E. 10AWG)
- 3.) WIRES TO BE LABELED WITH SPECIFIED WIRE NUMBERS AT BOTH ENDS.
- 4.) BOAT CABLE TO BE 3 CONDUCTOR, TINNED, 105° C DRY, JACKETED, AND MEET UL-1426 SPECIFICATIONS FOR BOAT CABLE.
120V CABLE CONDUCTORS TO BE BLACK/WHITE/GREEN WITH A WHT JACKET.
220V CABLE CONDUCTORS TO BE BLUE/BROWN/GREEN WITH A TAN JACKET.
- 5.) ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED.
- 6.) FOR GROUND BUS LOCATIONS WITH A BUS BAR SPECIFIED, TERMINATE WIRES WITH PROPER SIZE ADHESIVE LINED HEAT SHRINK INSULATED RING CONNECTORS.
- 7.) SPEAKER WIRES ARE 16/2, HIGH CONDUCTIVITY COPPER, WITH 90° C CLEAR INSULATION.
- 8.) SPOT TAPE HARNESS EVERY 12 TO 14 INCHES.
- 9.) TERMINATION'S SPECIFIED ARE TO BE HEAT SHRINK ADHESIVE SEALED TYPE.
- 10.) SHEATH ENTIRE HARNESS IN FLAME RETARDENT SPLIT LOOM EXPOSING 3" AT THE ENDS OF EACH BREAKOUT.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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.X = ± .1 X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: R CLIFTON

DATE:08/26/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

T TOP HARNESS CONSTRUCTION

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

07207

2 of 2

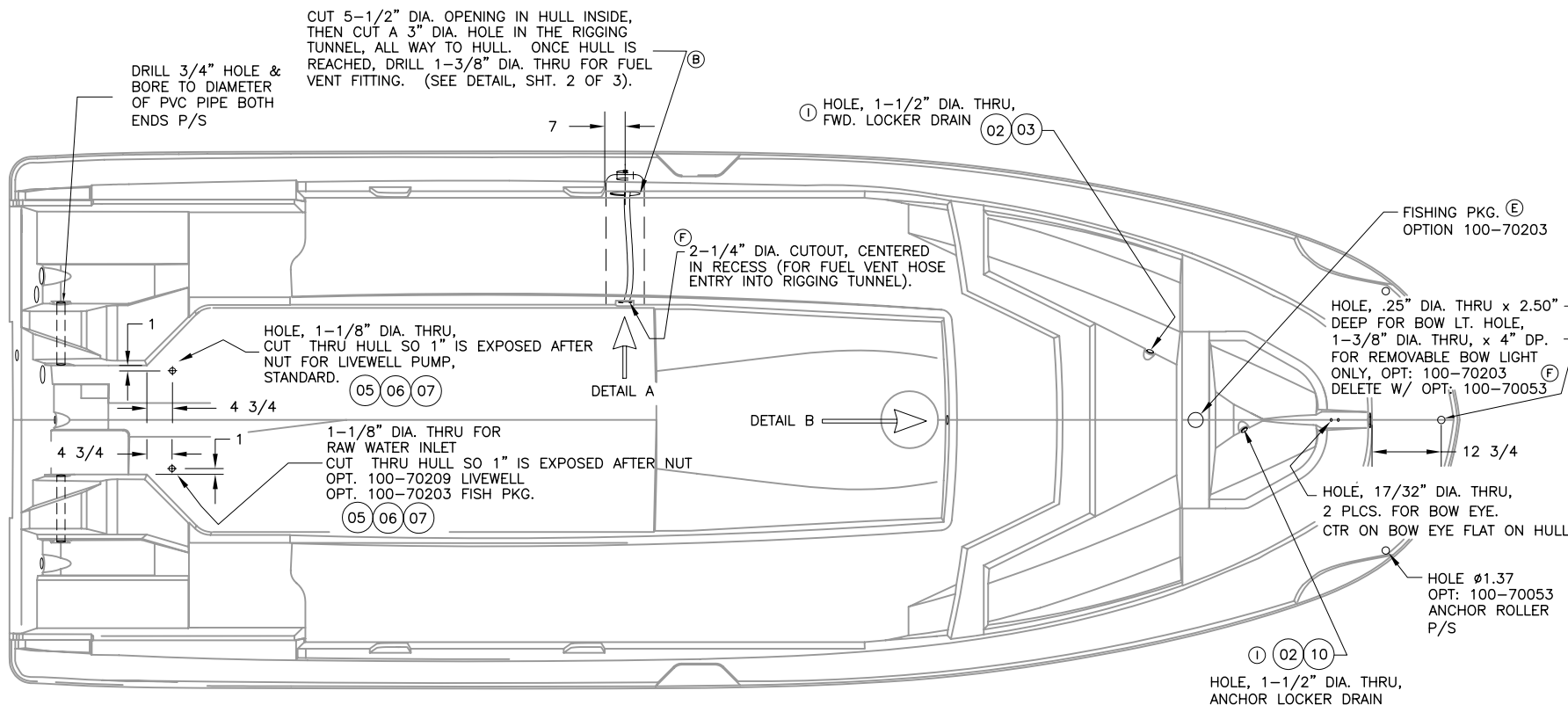
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DWG. NO:	REV.	CURRENT ECD
06101	1	050544

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132
I	Ø WAS 1 3/8, 2 WAS 1042084, 3 WAS 1042068-QNT3, 8 WAS QNT 3, ADD 09	SWH	3/9/06		050544

NOTES:

- ALL BARE WOOD, FOAM & FRP EDGES SHALL BE PAINTED WITH CATALYZED GEL COAT. THE GEL COAT SHALL MATCH SURROUNDING FINISHED SURFACE COLOR.
- MARINE ADHESIVE SEALANT SHALL BE APPLIED TO ALL THRU-HULLS AS THE BEDDING COMPOUND. EXCESS SEALANT SHALL BE REMOVED PRIOR TO CURE USING A CLEAN, DRY CLOTH.
- REFER TO FIXTURE LIST DWG. 01-201



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: RA	DATE: 6/25/02	DRAWN: H READ	DATE: 06/12/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: KR	DATE: 6/25/02	DWG. TITLE:		22DNT		
DESIGN: L. SCHOLZ	DATE: 6/26/02	THRU HULLS AND CUTOUTS		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: M. GATICA	DATE: 9/10/02			020531	06101	1 of 3

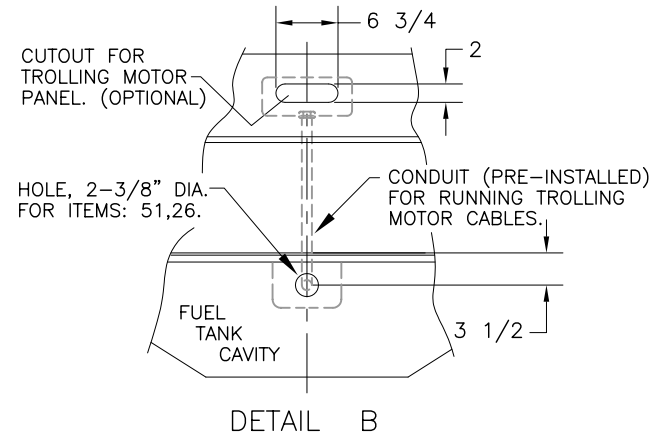
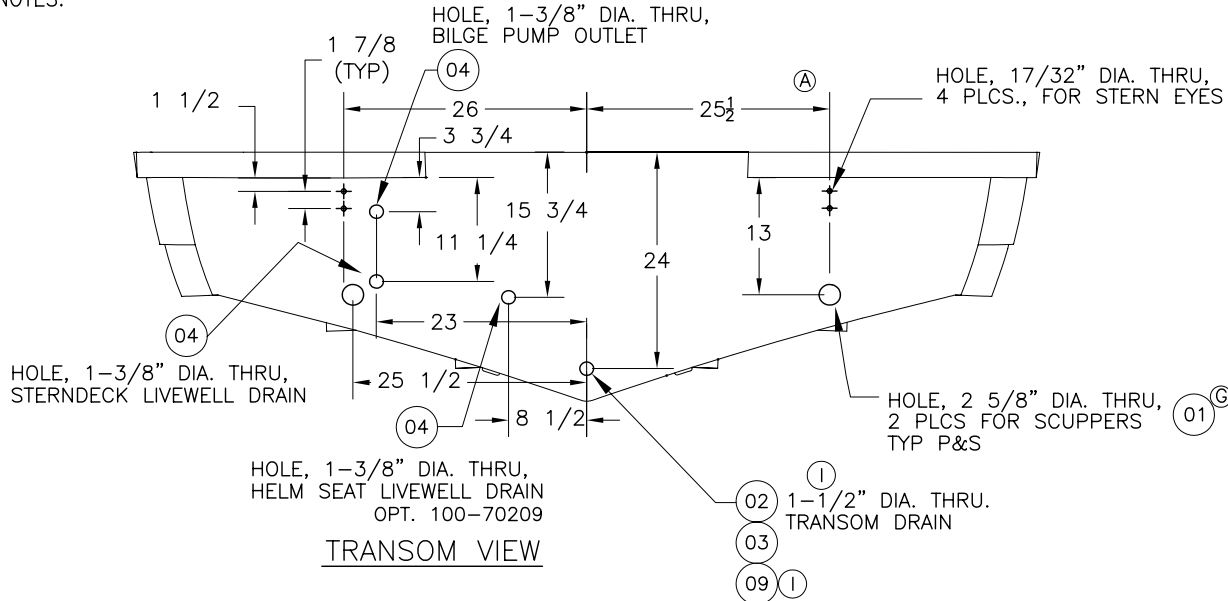
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DWG. NO:
06101

REV.
1

CURRENT ECD
050544

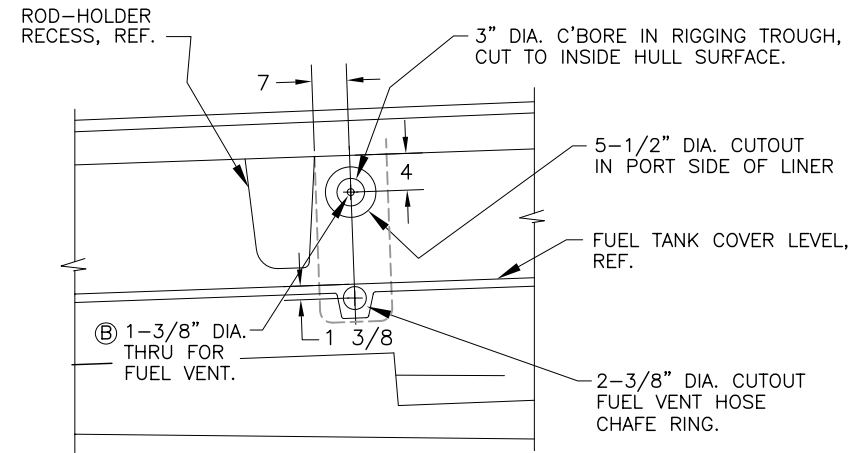
NOTES:



DETAIL B
VIEW LOOK'G FWD, FUEL TANK CAVITY
CUTOUTS REQUIRED FOR INSTALL'N. OF TROLLING MOTOR PANEL IS INCL. W/ OPT: 100-70203 "FISHING PACKAGE"

ALL HOLE LOCATION MEASUREMENTS ARE MADE ON THE GELCOAT SURFACE

STD.		OPT.		BILL OF MATERIAL		
ITEM	QTY.	QTY.	U/M	DESCRIPTION	B.W.I. NO.	
01	2		EA.	THRU-HULL, PLAS 2" SCUPPER SHORT	1760065	
02	3		EA.	THRU-HULL, MARELON BW-06 SHORT FEMALE	1806032	
03	2		EA.	THRU-HULL, MARELON BW-06 SHORT MALE	1806031	
04	2	1	EA.	THRU-HULL, PLAS 1 1/8" X 5.5" WHT	1583061	
05	1	1	EA.	STRAINER, MARELON 3/4" SCREEN ONLY	0995589	
06	4	4	EA.	SCREW, TAPPING #8A x 1" POH SC	1213065	
07	1	1	EA.	THRU-HULL, BRZ 3/4" W/NUT X-LONG	1032499	
08	2		EA.	PLUG, BRASS 1" DRAIN TURN-TITE	133371	
09	1		EA.	PLUG, MARELON BW-06 DRAIN 1" W/GASKET	1806033	
10	1		EA.	THRU-HULL, MARELON BW-06 LONG MALE	1806030	



DETAIL A
PORT ELEVATION, SHOWING "FUEL TANK VENT" INSTALLATION



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: H READ DATE: 06/12/02 SCALE: NONE

DWG. TITLE: THRU HULLS AND CUTOUTS

BOAT MODEL
22DNT

MOLD NO.

INIT. REL. ECN NO:
020531

DWG. NO:
06101

SHT. NO.

2 OF 3

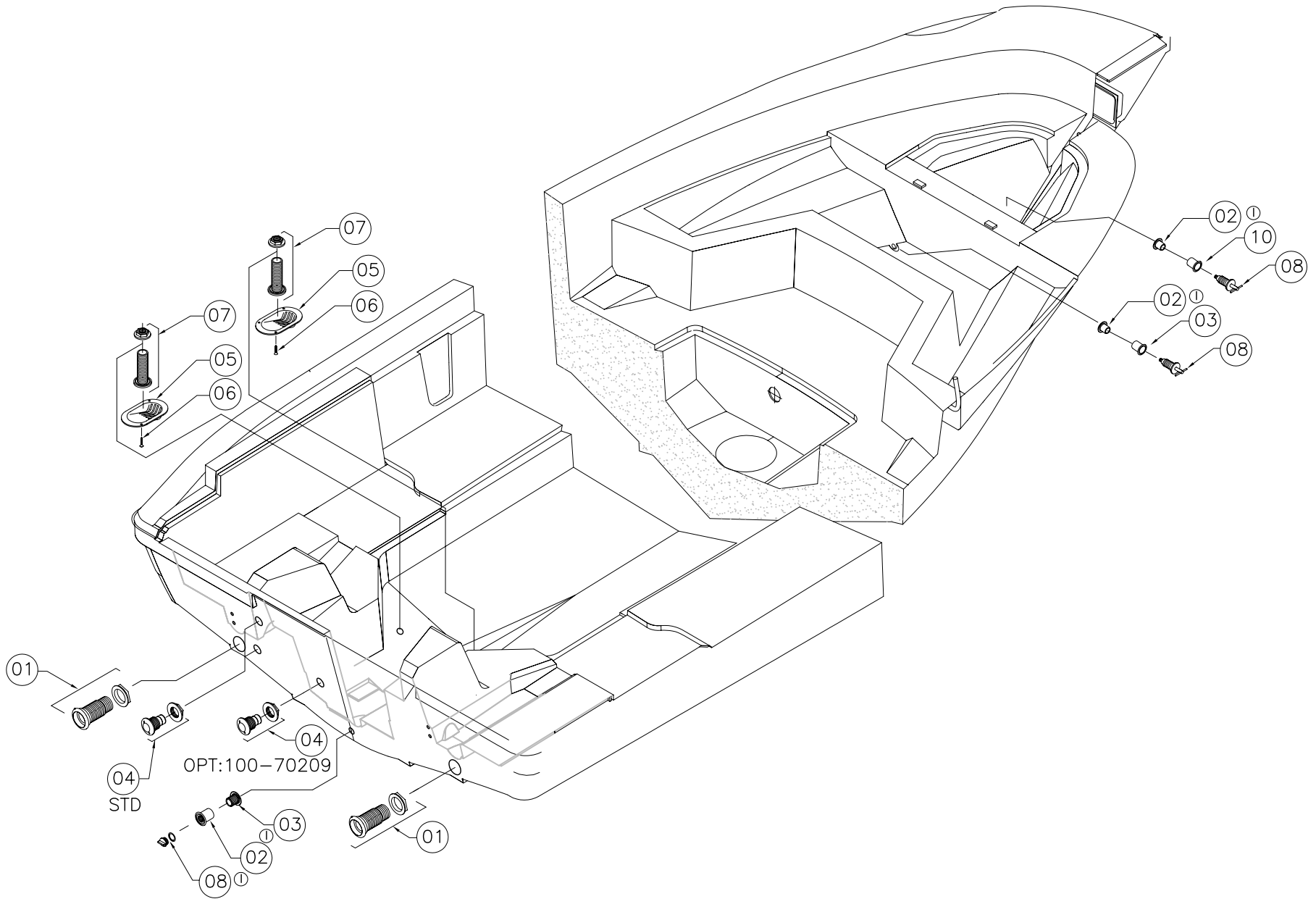
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DWG. NO:
06101

REV.
1

CURRENT ECD
050544

NOTES:



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TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: H READ

DATE:06/12/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

THRU HULLS AND CUTOUTS

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

06101

3 of 3

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DWG. NO:
07206

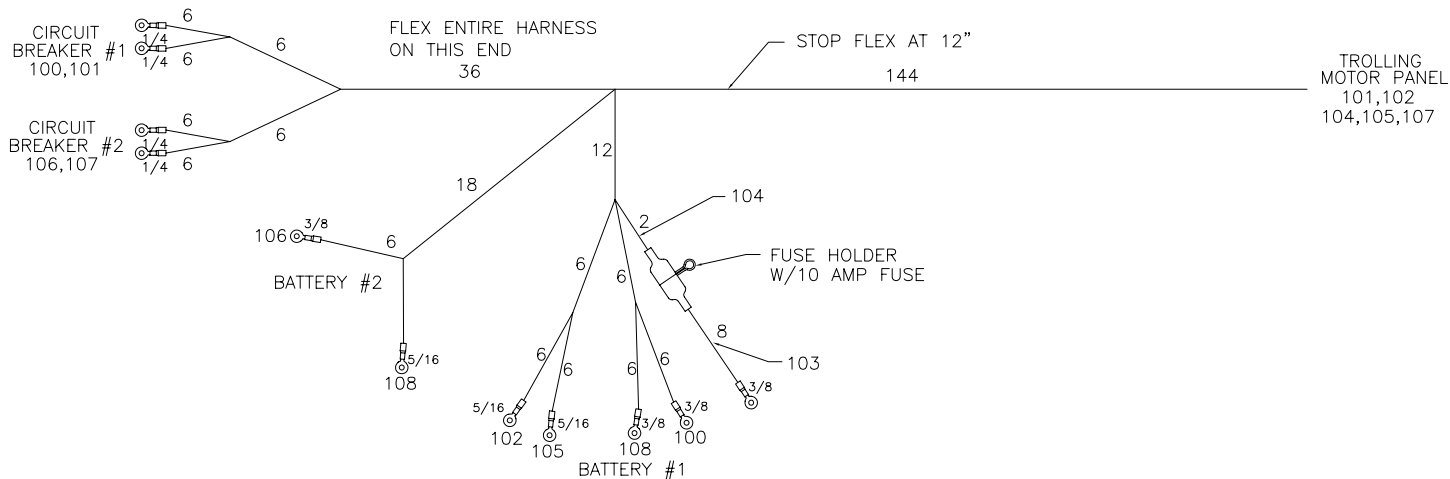
REV.
D

CURRENT ECD
060132

NOTES:

- ALL POSITIVE WIRE CONNECTIONS TO THE BATTERY MUST BE CONTAINED IN CHAFE PROTECTION (FLEX) FROM THE CONNECTION POINT TO THE BREAKER OR FUSE.
- FUSE HOLDER MRP# 1042613
- 10 AMP FUSE MRP# 182063
- SEE DWG. #11-201 FOR HARNESS INSTALLATION
- SEE DWG. #09-201 FOR CIRCUIT BREAKER INSTALLATION

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	ADDED SHEET 3 OF 3, TROLLING MOTOR HARNESS BOARD.	SL	12/12/02	-	021211
B	Changed Numbering System/Apply Att.Border.	AVM	03/10/03	-	030302
C	ADDED (RED) & (BLACK) SHRINK TO WIRE #108, SHEET 1 & 3	SLJ	03/10/03	-	030617
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	01/31/06	AVM	060132



	WIRE #	AWG	COLOR	FUNCTION	FROM	BO	TO	BO	LENGTH
(A)	100	6	RED	MAIN BREAKER (+) FEED 12V	BATTERY #1 (+)	-	CIRCUIT BREAKER #1	-	60"
(A)	101	6	RED	PANEL MAIN (+) FEED 12V	CIRCUIT BREAKER #1	-	PANEL	-	160"
(A)	102	6	BLK	PANEL GROUND	PANEL	-	BATTERY (-)	-	140"
	103	14	RED	12V RECEPTACLE FUSE FEED	BATTERY #1 (+)	-	FUSE	-	08"
	104	14	RED	12V RECEPTACLE FEED	FUSE	-	PANEL	-	132"
	105	14	BLK	12V RECEPTACLE GROUND	PANEL	-	BATTERY (-)	-	140"
(A)	106	6	ORN	MAIN BREAKER (+) FEED 24V	BATTERY #2 (+)	-	CIRCUIT BREAKER #2	-	60"
(A)	107	6	ORN	PANEL MAIN (+) FEED 24V	CIRCUIT BREAKER #2	-	PANEL	-	160"
(D)(A)	108	6	RED	12V/24V BATTERY JUMPER	BATTERY #1 (+) (RED SHRINK)	-	BATTERY #2 (-) (BLACK SHRINK)	-	40"

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: R. AVILA	DATE: 7/3/02	DRAWN: R. CLIFTON	DATE: 07/03/02	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 7/3/02	DWG. TITLE:			22DNT	
DESIGN: L. SCHOLZ	DATE: 7/19/02	TROLLING MOTOR HARNESS CONSTRUCTION			INIT. REL. ECN NO:	DWG. NO:
INT. ENG:	DATE:				020531	07206
					SHT. NO.	
					1	of 3

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DWG. NO:
07206

REV.
D

CURRENT ECD
060132

NOTES:

- 1.) WIRES TO BE 105° C, SAE J378/J1128, WITH TYE 2 STRANDING. GROUNDING WIRES TO BE TYPE 3 AND TINNED COPPER.
- 2.) ALL LOW VOLTAGE WIRE INSULATION TO HAVE THE FOLLOWING INFORMATION PRINTED ON IT: A: MANUFACTURER'S NAME
B: TEMPERATURE RATING (I.E. 105° C) C; SAE J378/J1127 D: GAUGE (I.E. 10AWG)
- 3.) WIRES TO BE LABELED WITH SPECIFIED WIRE NUMBERS AT BOTH ENDS.
- 4.) BOAT CABLE TO BE 3 CONDUCTOR, TINNED, 105° C DRY, JACKETED, AND MEET UL-1426 SPECIFICATIONS FOR BOAT CABLE.
120V CABLE CONDUCTORS TO BE BLACK/WHITE/GREEN WITH A WHT JACKET.
220V CABLE CONDUCTORS TO BE BLUE/BROWN/GREEN WITH A TAN JACKET.
- 5.) ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED.
- 6.) FOR GROUND BUS LOCATIONS WITH A BUS BAR SPECIFIED, TERMINATE WIRES WITH PROPER SIZE ADHESIVE LINED HEAT SHRINK INSULATED RING CONNECTORS.
- 7.) SPEAKER WIRES ARE 16/2, HIGH CONDUCTIVITY COPPER, WITH 90° C CLEAR INSULATION.
- 8.) SPOT TAPE HARNESS EVERY 12 TO 14 INCHES.
- 9.) TERMINATION'S SPECIFIED ARE TO BE HEAT SHRINK ADHESIVE SEALED TYPE.
- 10.) SHEATH ENTIRE HARNESS IN FLAME RETARDENT SPLIT LOOM EXPOSING 3" AT THE ENDS OF EACH BREAKOUT.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .X = ± 1/16
.XX = ± .03
DO NOT SCALE DRAWING

DRAWN: R. CLIFTON

DATE: 07/03/02

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

22DNT

TROLLING MOTOR HARNESS CONSTRUCTION

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

020531

07206

2 of 3

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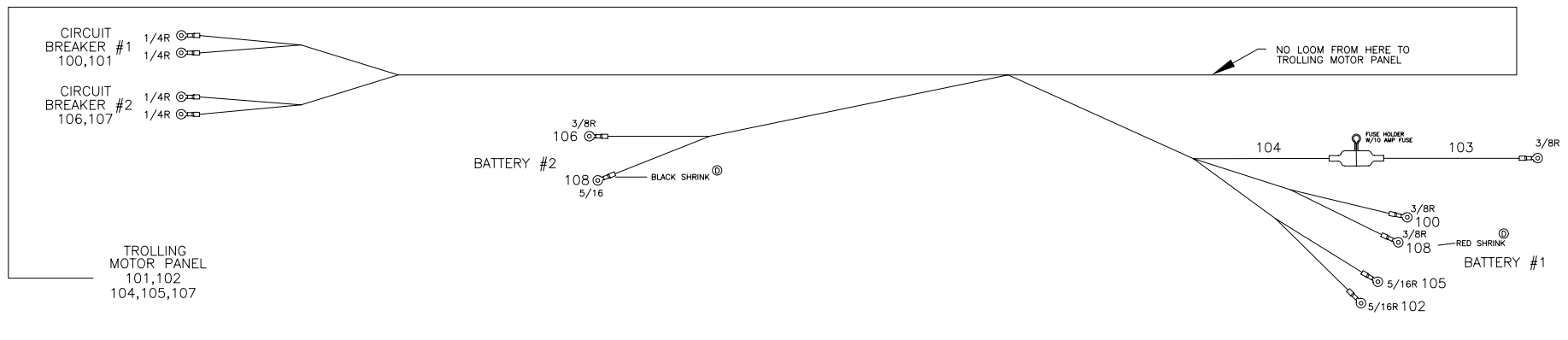
DWG. NO:
07206

REV.
D

CURRENT ECD
060132

NOTES:

22DNT TROLLING MOTOR HARNESS — BOARD 1 OF 1



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03
 DO NOT SCALE DRAWING

DRAWN: R. CLIFTON DATE: 07/03/02 SCALE: NONE
 DWG. TITLE: TROLLING MOTOR HARNESS CONSTRUCTION

BOAT MODEL
22DNT
INIT. REL. ECN NO:
020531

MOLD NO.
DWG. NO:
07206

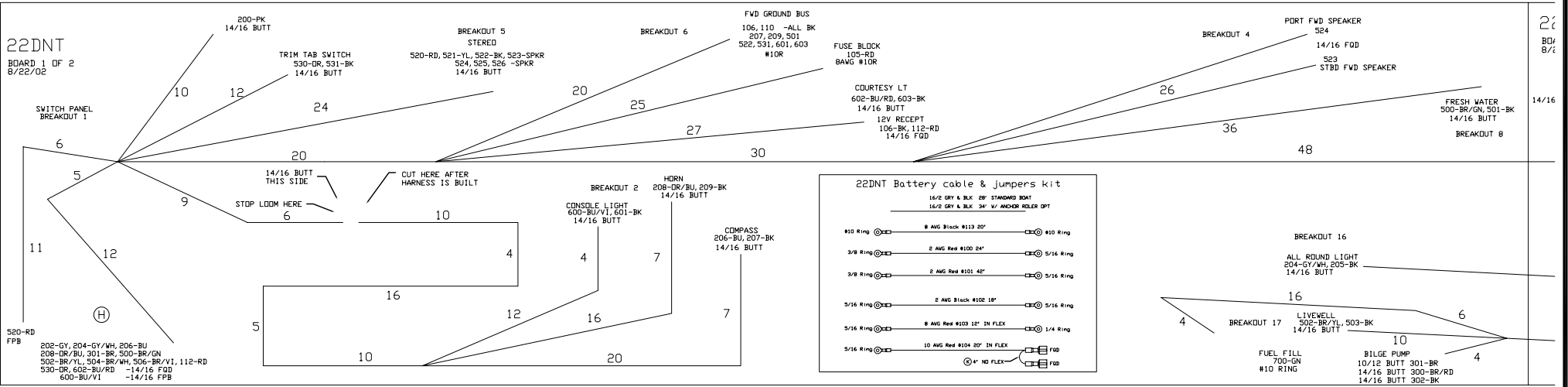
SHT. NO.
3 of 3

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DWG. NO: 07205 REV. K CURRENT ECD 050851

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
E	MOVED STOP LOOM HERE NEXT TO CUT HERE AFTER BUILT	CSR	12/16/02	ZAC	02-12-66
F	Changed Numbering System/Apply Att.Border.	AVM	03/10/03	ZAC	03-03-02
G	MOVED #300, 301 & 302 FROM BREAKOUT 15 TO 17, INCREASED WIRE LENGTHS SHEET 3	SLJ	08/27/03	ZAC	03-06-59
H	LEAD #600 FPB WAS FQD AT BO-1, SHEET 1.	SL	10/30/03	ZAC	03-10-77
I	MYE '05: ADDED OPT. 020-70271	JM	05/20/04	SH	04-01-41
J	MYE '06: MOVED FWD SPKR BD, ADJUSTED LENGTHS FOR NEW CNSL	DGH	06/30/05	MG	05-06-63
K	CHANGED LENGTH OF JUMPER ON #104 FROM 6" TO 4", SHEET 1.	SL	09/08/05	ME	05-08-51

DIMENSIONS ARE ON LAYER 1
TURN OFF WHEN PLOTTING WIRE BOARD



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = ± .5° .XXX = ± .010
.X = ± .1 .XX = ± .03 X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: RA	DATE: 7/23/02	DRAWN: RCLIFTON	DATE: 7/18/12	SCALE: NONE	BOAT MODEL: 22DNT	MOLD NO.
APPD: R CLIFTON	DATE: 7/23/02	DWG. TITLE: WIRE HARNESS CONSTRUCTION			INIT. REL. ECN NO: 020531	DWG. NO: 07205
DESIGN: L. SCHOLZ	DATE: 7/29/02				SHT. NO. 1 OF 4	
INT. ENG: S. HIESTER	DATE: 6/09/04					

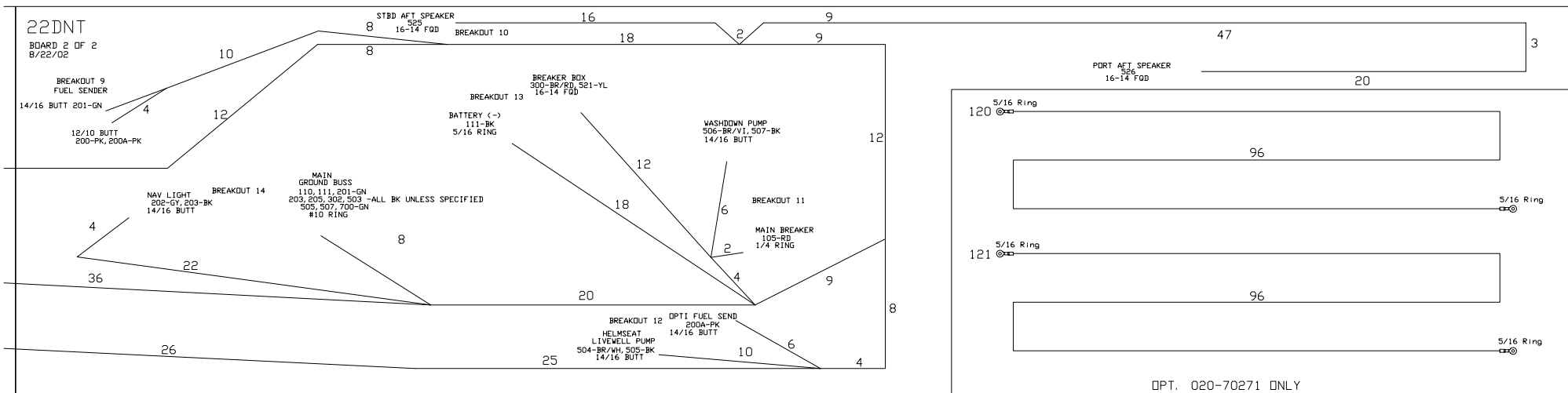
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DWG. NO:
 07205

REV.
 K

CURRENT ECD
 050851

DIMENSIONS ARE ON LAYER 1
 TURN OFF WHEN PLOTTING WIRE BOARD



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: RCLIFTON DATE: 07/18/02 SCALE: NONE
 DWG. TITLE: WIRE HARNESS CONSTRUCTION

BOAT MODEL 22DNT	MOLD NO.
INIT. REL. ECN NODWG. NO: 020531	SHT. NO. 2 OF 4
07205	

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DWG. NO: 07205 REV. K CURRENT ECD 050851

WIRE #	AWG	COLOR	FUNCTION	FROM	BO	TO	BO	LENGTH
100	2	RED	BATTERY 1 (+)	BATTERY 1 (+)	---	BATTERY SWITCH POS 1	---	2'0"
101	2	RED	BATTERY 2 (+)	BATTERY 2 (+)	---	BATTERY SWITCH POS 2	---	3'6"
102	2	BLK	BATTERY (-) JUMPER	BATTERY 1 (-)	---	BATTERY 2 (-)	---	1'6"
103	8	RED	MAIN BREAKER FEED	BATTERY SWITCH	---	MAIN BREAKER	---	1'0"
104	10	RED	UNSWITCHED BREAKERS FEED	BATTERY SWITCH	---	STEREO/BILGE PUMP BREAKER	---	1'8"
105	8	RED	SWITCH PANEL FEED	MAIN BREAKER	11	SWITCH PANEL	1	14'3"
106	14	BLK	SWITCH PANEL GROUND	SWITCH PANEL	1	FWD GROUND BUS	6	2'9"
110	8	BLK	FWD GROUND	FWD GROUND BUS	6	MAIN GROUND BUS	14	15'2"
111	8	BLK	MAIN GROUND	MAIN GROUND BUS	14	BATTERY NEGATIVE	13	3'10"
① #120	2	RED	ENGINE CABLES	ENGINE		BATTERY SWITCH COMMON		108"
① #121	2	BLK	ENGINE CABLES	ENGINE		BATTERY 2 (-)		108"
200	14	PNK	FUEL SENDER	FUEL SENDER	9	SWITCH PANEL	1	11'11"
200A	14	PNK	FUEL SENDER	FUEL SENDER	9	OPTI FUEL DROPOFF	12	6'7"
201	14	GRN	FUEL SENDER GROUND	FUEL SENDER	9	MAIN GROUND BUS	14	8'2"
202	14	GRY	NAV LIGHT	SWITCH PANEL	1	NAV LIGHT SPLICE	14	18'1"
203	14	BLK	NAV LIGHT GROUND	NAV LIGHT SPLICE	14	MAIN GROUND BUS	14	2'10"
202A		GRY	NAV LIGHT	NAV LIGHT SPLICE	-	NAV LIGHT	-	---
203A	16/2	BLK	NAV LIGHT GROUND	NAV LIGHT	-	NAV LIGHT SPLICE	-	---
204	14	GRY/WHT	ALL-ROUND LIGHT	SWITCH PANEL	1	ALL ROUND LIGHT	16	18'10"
205	14	BLK	ALL ROUND LIGHT GROUND	ALL ROUND LIGHT	16	MAIN GROUND BUS	14	3'8"
206	14	BLU	COMPASS LIGHT	SWITCH PANEL	1	COMPASS	2	3'6"
207	14	BLK	COMPASS LIGHT GROUND	COMPASS	2	FWD GROUND BUS	6	5'6"
208	14	ORN/BLU	HORN	SWITCH PANEL	1	HORN	3	6'6"
209	14	BLK	HORN GROUND	HORN	3	FWD GROUND BUS	6	8'6"
300	14	BRN/RED	BILGE PUMP LINE	AFT BREAKER PANEL	13	BILGE PUMP FLOAT SWITCH	17	7'8"
301	14	BRN	BILGE PUMP LOAD	SWITCH PANEL	1	BILGE PUMP	17	19'1"
302	14	BLK	BILGE PUMP GROUND	BILGE PUMP	17	MAIN GROUND BUS	14	8'8"
500	14	BRN/GRN	FRESH WATER PUMP	SWITCH PANEL	1	FRESH WATER PUMP	8	7'7"
501	14	BLK	FRESH WATER PUMP GND	FRESH WATER PUMP	8	FWD GROUND BUS	6	6'2"
502	14	BRN/YEL	LIVWELL PUMP	SWITCH PANEL	1	LIVWELL PUMP	17	19'7"
503	14	BLK	LIVWELL PUMP GND	LIVWELL PUMP	17	MAIN GROUND BUS	14	9'2"
504	14	BRN/WHT	HELMSEAT LIVWELL PUMP	SWITCH PANEL	1	HELMSEAT LIVWELL PUMP	12	15'4"
505	14	BLK	HELMSEAT LIVWELL PMP GND	HELMSEAT LIVWELL PUMP	12	MAIN GROUND BUS	14	4'11"
506	14	BRN/VIO	WASHDOWN PUMP	SWITCH PANEL	1	WASHDOWN PUMP	11	15'11"
507	14	BLK	WASHDOWN PUMP GROUND	WASHDOWN PUMP	11	MAIN GROUND BUS	14	3'2"
520	14	RED	STEREO POWER	LOAD SIDE RECEPACLE BRKR	1	STEREO	5	3'0"
521	14	YEL	STEREO MEMORY	STEREO BREAKER	13	STEREO	5	16'7"
522	14	BLK	STEREO GROUND	STEREO	5	FWD GROUND BUS	6	3'9"
523	16/2	SPEAKER	STBD FWD SPEAKER	STEREO	5	STBD FWD SPEAKER	3	9'6"
524	16/2	SPEAKER	PORT FWD SPEAKER	STEREO	5	PORT FWD SPEAKER	4	7'6"
525	16/2	SPEAKER	STBD AFT SPEAKER	STEREO	5	STBD AFT SPEAKER	10	14'3"
526	16/2	SPEAKER	PORT AFT SPEAKER	STEREO	5	PORT AFT SPEAKER	15	16'9"
530	14	ORN	TRIM TABS	SWITCH PANEL	1	TRIM TAB SWITCH	5	2'0"
531	14	BLK	TRIM TABS GROUND	TRIM TAB SWITCH	5	FWD GROUND BUS	6	2'9"
600	14	BLU/VIO	CONSOLE LIGHT	SWITCH PANEL	1	CONSOLE LIGHT	2	3'6"
601	14	BLK	CONSOLE LIGHT GROUND	CONSOLE LIGHT	2	FWD GROUND BUS	6	5'6"
602	14	BLU/RED	COURTESY LIGHT	SWITCH PANEL	1	COURTESY LIGHT	6	5'4"
603	14	BLK	COURTESY LIGHT GROUND	COURTESY LIGHT	6	FWD GROUND BUS	6	3'1"
700	14	GRN	FUEL FILL GROUNDING	FUEL FILL	17	MAIN GROUND BUS	14	9'6"

① OPT: 020-70271



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y13.1 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: RCLIFTON DATE: 07/18/02 SCALE: NONE
 DWG. TITLE: WIRE HARNESS CONSTRUCTION

BOAT MODEL: 22DNT MOLD NO.
 INIT. REL. ECN NO: 020531 DWG. NO: 07205 SHT. NO. 3 OF 4

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DWG. NO:
07205

REV.
K

CURRENT ECD
050851

- 1.) WIRES TO BE 105° C, SAE J378/J1128, WITH TYE 2 STRANDING. GROUNDING WIRES TO BE TYPE 3 AND TINNED COPPER.
- 2.) ALL LOW VOLTAGE WIRE INSULATION TO HAVE THE FOLLOWING INFORMATION PRINTED ON IT: A: MANUFACTURER'S NAME
 B: TEMPERATURE RATING (I.E. 105°C) SAE J378/J1127 D: GAUGE (I.E. 10AWG)
- 3.) WIRES TO BE LABELED WITH SPECIFIED WIRE NUMBERS AT BOTH ENDS.
- 4.) BOAT CABLE TO BE 3 CONDUCTOR, TINNED, 105° C DRY, JACKETED, AND MEET UL-1426 SPECIFICATIONS FOR BOAT CABLE.
 120V CABLE CONDUCTORS TO BE BLACK/WHITE/GREEN WITH A WHT JACKET.
 220V CABLE CONDUCTORS TO BE BLUE/BROWN/GREEN WITH A TAN JACKET.
- 5.) ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED.
- 6.) FOR GROUND BUS LOCATIONS WITH A BUS BAR SPECIFIED, TERMINATE WIRES WITH PROPER SIZE ADHESIVE LINED HEAT
 SHRINK INSULATED RING CONNECTORS.
- 7.) SPEAKER WIRES ARE 16/2, HIGH CONDUCTIVITY COPPER, WITH 90° C CLEAR INSULATION.
- 8.) VHF COAX IS RG-8/X, WITH A 16 AWG STRANDED TINNED COPPER CENTER CONDUCTOR, SOLID POLYETHYLENE INSULATOR, 95% TINNED
 COPPER BRAIDED SHIELD, WITH A WHITE PVC JACKET.
- 9.) SPLICES TO BE MECHANICALLY CRIMPED AND COVERED WITH ADHESIVE LINED HEAT SHRINK TUBING.
- 10.) SPEEDOMETER TUBING TO BE .148" INSIDE DIA. , .050" WALL THICKNESS, 105° C BLACK PVC MATERIAL, 93± SHORE A DUROMETER,
 TELEFLEX PART NUMBER 5833371.
- 11.) SPOT TAPE HARNESS EVERY 12 TO 14 INCHES.
- 12.) TERMINATION'S SPECIFIED ARE TO BE HEAT SHRINK ADHESIVE SEALED TYPE.
- 13.) SHEATH ENTIRE HARNESS IN FLAME RETARDENT SPLIT LOOM EXPOSING 3" AT THE ENDS OF EACH BREAKOUT.



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 X = ± 1/16
 .XX = ± .03
 DO NOT SCALE DRAWING

DRAWN: RCLIFTON

DATE: 07/18/02

SCALE: NONE

BOAT MODEL

MOLD NO.

22DNT

DWG. TITLE:

WIRE HARNESS CONSTRUCTION

INIT. REL. ECN NO. DWG. NO:
020531

07205

SHT. NO.

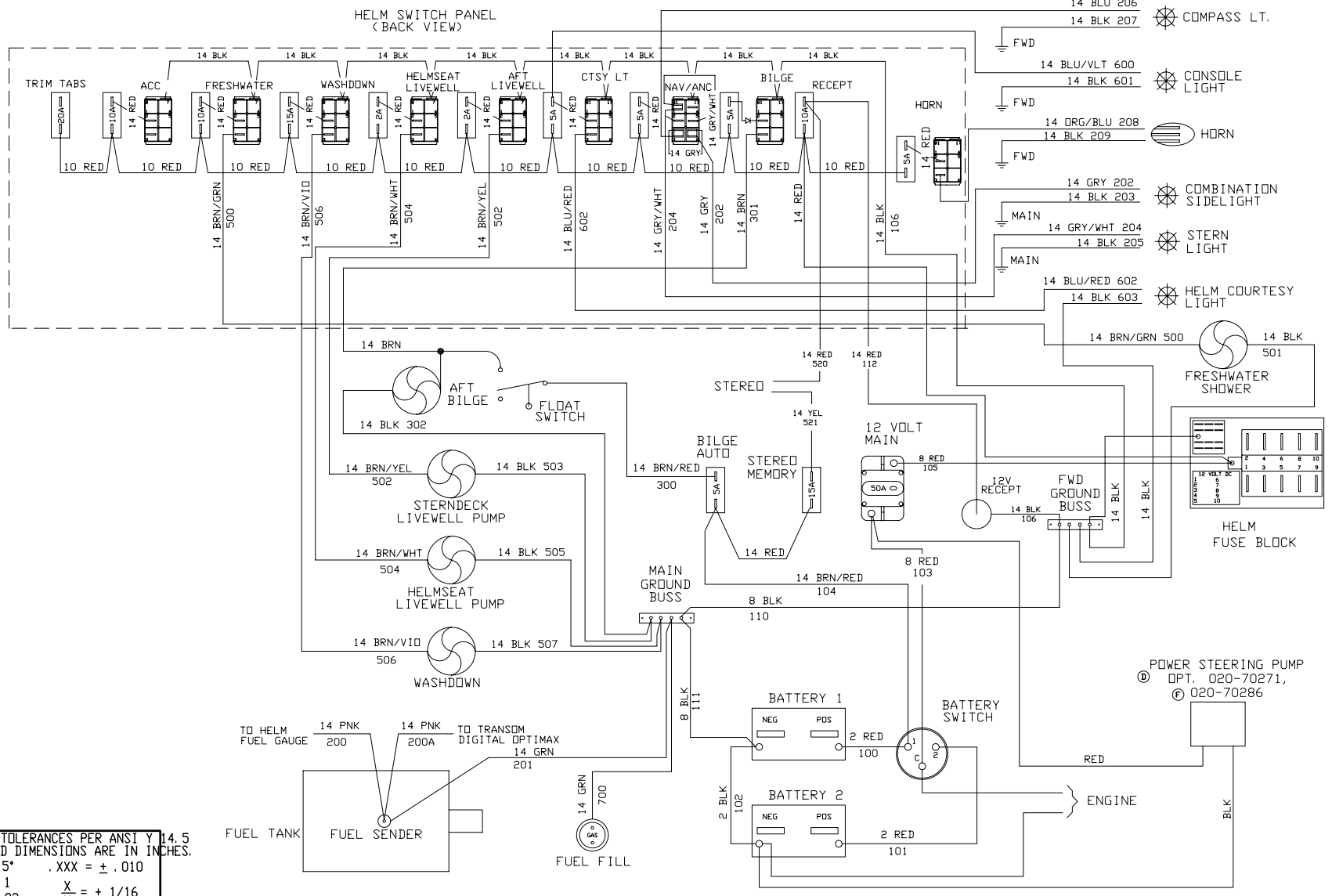
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DWG. NO: 07401 REV. F CURRENT ECD 050663

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	MYE '05: ADDED OPT. 020-70271	JM	04/28/04	SH	04-01-41
E	MYE '06: ADDED FUSE BLK, MOVED RECEPT	DH	06/30/05	MG	05-06-63
F	ADD OPT. 020-70286	GD	10/11/05	RA	05-07-23

1. REFERENCE ELECTRICAL PANELS FOR PANEL CONSTRUCTION DETAILS (D)



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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CHECKED: RA	DATE: 8/2/02	DRAWN: RCLIFTON	DATE: 07/30/02	SCALE: NONE	BOAT MODEL: 22DNT	MOLD NO.
APPD: R CLIFTON	DATE: 8/2/02	DWG. TITLE: WIRING DIAGRAM			INIT. REL. ECN NO: 020531	DWG. NO: 07401
DESIGN: L SCHOLZ	DATE: 8/2/02					SHT. NO. 1 OF 1
INT. ENG: S. HIESTER	DATE: 6/9/04					