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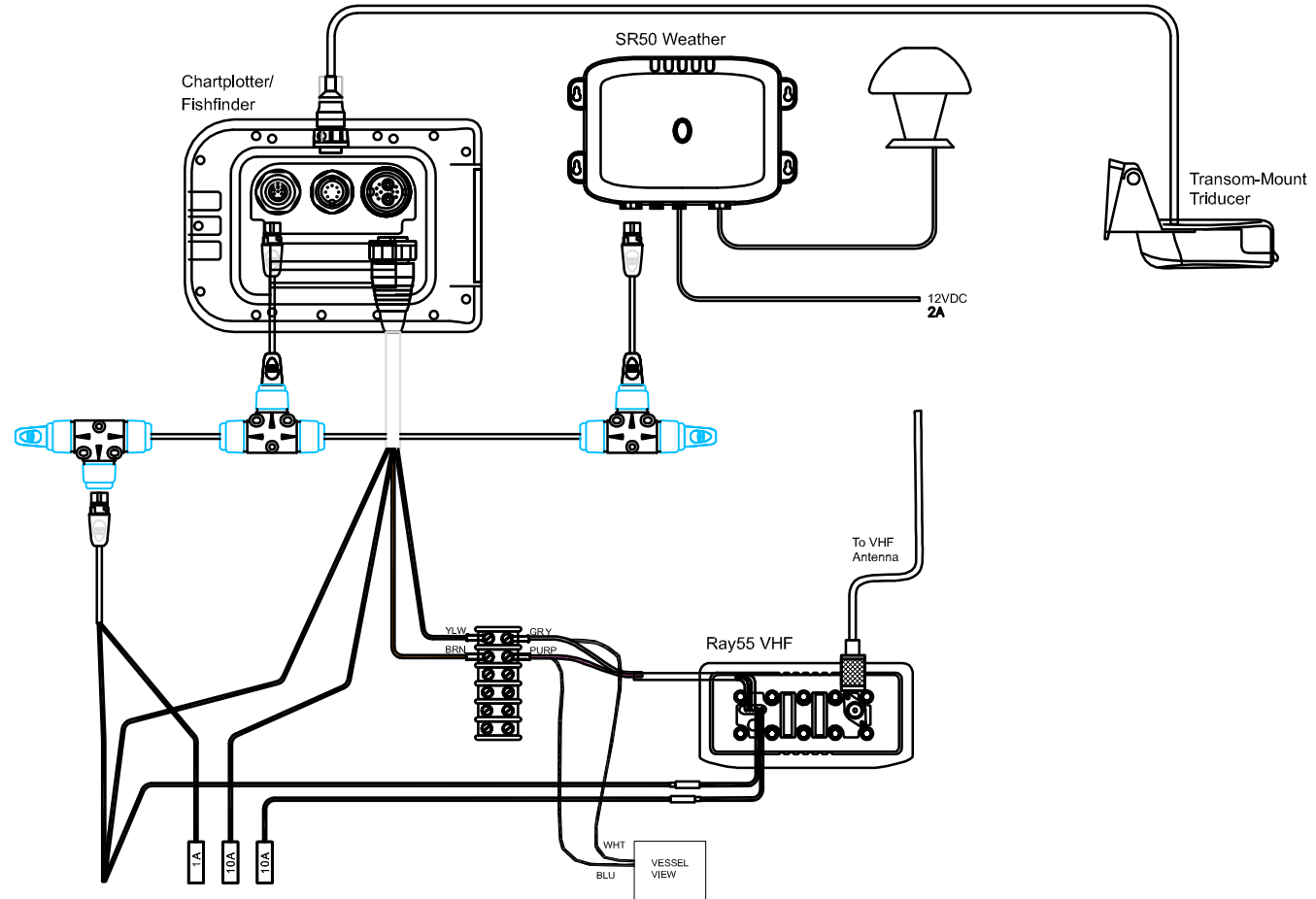
DWG. NO:
07504

REV.
-

CURRENT ECD
10036680

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
-		-	-		-



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: T.TUASTO	DATE: 04/27/10	DRAWN: S. LEGG	DATE: 04/27/10	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: T.MELLOW	DATE: 04/28/10	DWG. TITLE:			255CQ	
DESIGN: RA	DATE: 04/27/10	A-SERIES NAVIGATION PKG			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: ST	DATE: 05/05/10				10036680	07504
					SHT. NO.	
					1	of 1

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DWG. NO:
09402

REV.
C

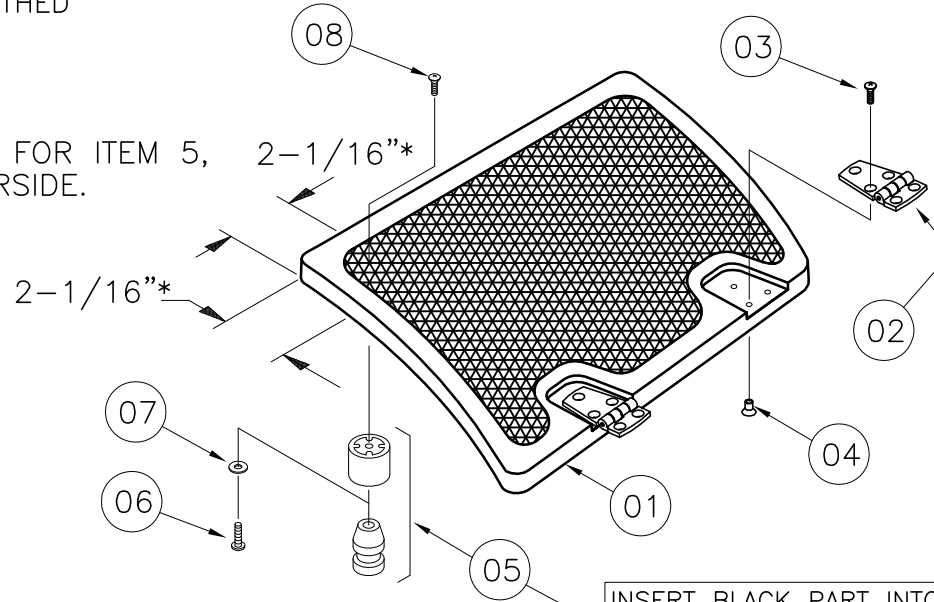
CURRENT ECD
060228

NOTES:

1. REFER TO DWG. 22-K031-00 FOR TRIM & GRIND INFO.
2. HOLES THRU FIBERGLASS FOR SCREWS (ITEM 03) SHALL BE SEALED USING WHITE SILICONE SEALANT WHEN INSTALLED.
3. BBL NUT HEADS SHALL BE SEALED & SMOOTHED OVER WITH WHITE SILICONE SEALANT.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	2004 MYE - MOUNT BLUE RUBR PART ON COVER; ITEM 7 ADDED; ITEM 6 WAS #1008630.	RD	04/15/03	RA	030345
B	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	05/14/03	-	030317
C	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228

* LOCATION FOR ITEM 5, 2-1/16"* ON UNDERSIDE.



INSERT BLACK PART INTO BLUE RUBBER PART TO PREVENT LOSS.

PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	FIBERGLASS PART, ANCHOR LOCKER COVER	22-K031-00
02	2	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
03	6	EA.	SCREW, MACHINE #10-24 x 3/4" POH	1008440
04	6	EA.	NUT, BBL #10-24 x 3/8" FH	1010735
05	1	EA.	STOP, DOOR HOLDER RBR BLUE	1142348
ⓐ 06	1	EA.	SCREW, MACHINE #10-24 x 3/4" PTH	1008705
ⓐ 07	1	EA.	WASHER, FLAT #10 SC	1260751
ⓐ 08	1	EA.	NUT, BBL #10-24 X 3/8" TH CHR/BR	1040211

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. DURHAM	DATE: 04/19/01	DRAWN: R DURHAM	DATE: 04/03/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.	
APPD: K. RANIERI	DATE: 04/19/01	DWG. TITLE: ANCHOR LOCKER COVER SUB ASSEMBLY			INIT. REL. ECN NO: 2276	DWG. NO: 09402	SHT. NO. 1 of 1
DESIGN: L. SCHOLZ	DATE: 04/19/01	INT. ENG: M. GATICA		DATE: 7/30/01			

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DWG. NO:
09405

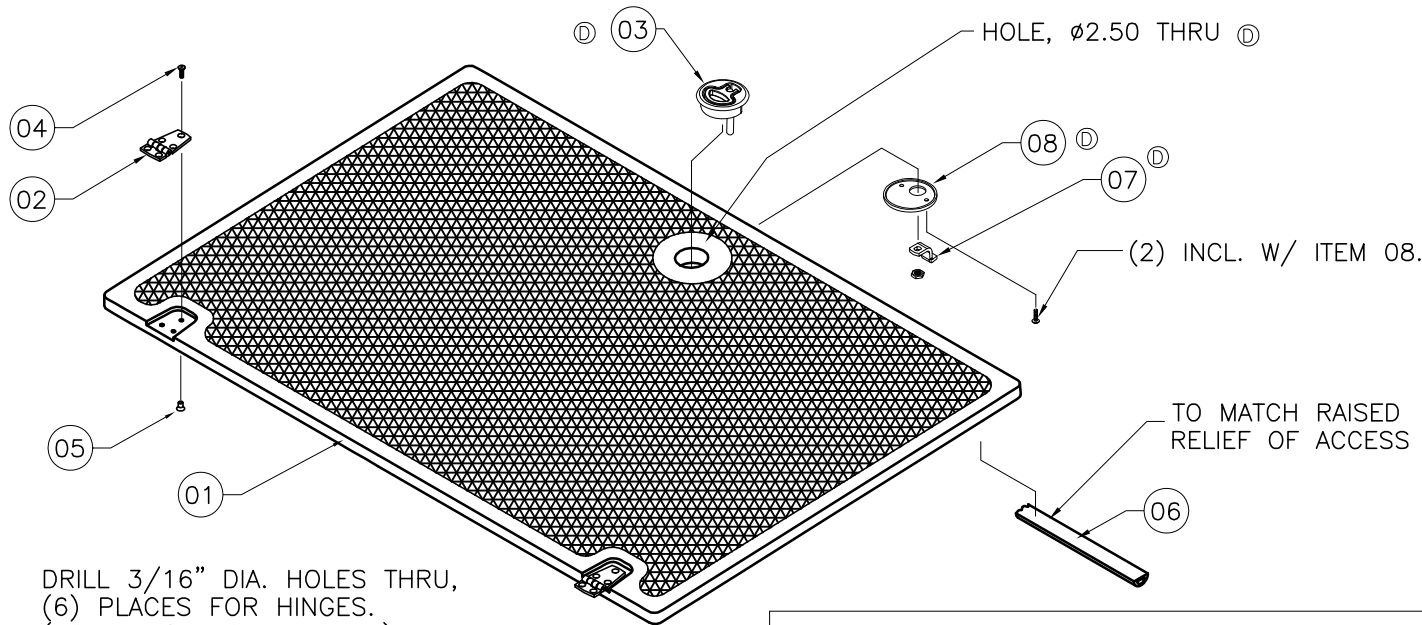
REV.
F

CURRENT ECD
060868

NOTES:

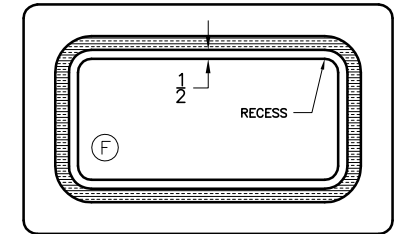
1. ALL FASTENERS & LATCH SHALL BE SEALED USING WHITE SILICONE SEALANT AT TIME OF INSTALLATION. THIS SHALL INCLUDE BBL NUTS AFTER INSTALLATION.
2. REF. DWG 05118 FOR LAMINATION DETAILS.
3. REF. DWG 16118 FOR TRIM & GRIND DETAILS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	ADDED ITEM #6 GASKET	RC	08/24/01	ZAC	010840
B	CHANGED NUMBERING SYSTEM / APPLY ATT. BORDER	AVM	04/21/03	ZAC	030317
C	#6 WAS 1232156	HJR	06/01/04	SH	040148
D	MYE '06: #1 WAS 22-K040-00; #3 WAS 1480813; HOLE DIA. WAS 1-1/16"; ADDED #7 & #8	MRZ	04/21/05	MG	050401
E	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228
F	ADDED BOTTOM VIEW	SLJ	08/15/06		060868



DRILL 3/16" DIA. HOLES THRU,
(6) PLACES FOR HINGES.
(USE HINGE AS TEMPLATE).

NOTE: PLACE SEAL 1/2" FROM RECESS




BOTTOM VIEW

PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
⓪ 01	1	EA.	FIBERGLASS PART, BATTERY ACCESS DOOR	22-K241-00
02	2	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
⓪ 03	1	EA.	LATCH, COMPRESSION 2.5"N/LOCKING SS	1781446
04	6	EA.	SCREW, MACHINE #10-24 x 3/4" POH	1008440
05	6	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
⓪ 06	11	FT.	TRIM-SEAL, #X1568HT 3/4"X 1/16" SELF-ADH BLK	1769583
⓪ 07	1	EA.	CATCH, PAWL 2.5"OFFSET MEDIUM SS	1781463
⓪ 08	1	EA.	PLATE, SHALLOW 2.5"W/1/16" LIP HDWR PKG SS	1793455

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

 BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 04/26/01	DRAWN: R DURHAM	DATE: 04/25/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: H. WOOD	DATE: 04/26/01	DWG. TITLE: BATTERY ACCESS DOOR SUB-ASSEMBLY			255CQ	22K24100
	DESIGN: L. SCHOLZ	DATE: 04/26/01				INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 07/03/01				2276	09405

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DWG. NO:
07206

REV.
1

CURRENT ECD
051139

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
G	ADD OPT. 020-70288	GD	10/17/05	RA	05-07-26
H	ADD OPT. 020-70299	GD	11/03/05	RA	05-07-16
I	ADD OPT. 100-70402	GD	11/15/05	RA	05-11-39

WIRE #	AWG	COLOR	FROM	TO	LENGTH INCHES	TERM	TERM
100	2	RED	STBD BATTERY POSITIVE	STBD BATTERY SWITCH POS 2	31	3/8 RING	5/16 RING
102	2	RED	STBD BATTERY SWITCH COMMON	STBD ENGINE TERMINAL BLOCK	72	5/16 RING	5/16 RING
103	2	RED	PORT BATTERY POSITIVE	PORT BATTERY SWITCH POS 1	60	3/8 RING	5/16 RING
104	2	RED	PORT BATTERY SWITCH COMMON	PORT ENGINE TERMINAL BLOCK	80	5/16 RING	5/16 RING
105	4	RED	PORT BATTERY SWITCH POS 1	STBD BATTERY SWITCH POS 1	12	5/16 RING	5/16 RING
106	4	RED	PORT BATTERY SWITCH POS 2	STBD BATTERY SWITCH POS 2	12	5/16 RING	5/16 RING
107	2	BLK	STBD BATTERY NEGATIVE	STBD ENGINE TERMINAL BLOCK	54	5/16 RING	5/16 RING
108	2	BLK	PORT BATTERY NEGATIVE	PORT ENGINE TERMINAL BLOCK	46	5/16 RING	5/16 RING
109	2	BLK	PORT BATTERY NEGATIVE	STBD BATTERY NEGATIVE	36	5/16 RING	5/16 RING
110	4	BLK	STBD BATTERY NEGATIVE	MAIN GROUND BUS	55	5/16 RING	1/4 RING
111	10	RED	STBD BATTERY SWITCH POS 2	UNSWITCHED BREAKERS	24	SEE DETAIL	SEE DETAIL
112	6	RED	STBD BATTERY SWITCH COMMON	CONTROL STATION MAIN BREAKER	10	5/16 RING	1/4 RING
*113	6	RED	STBD BATTERY SWITCH COMMON	WINDLASS BREAKER	12	5/16 RING	1/4 RING
#115	2	RED	STBD TERM POST	STBD ENGINE	96	5/16 RING	5/16 RING
#116	2	BLK	STBD ENGINE	STBD TERM POST	96	5/16 RING	5/16 RING
#117	2	RED	PORT TERM POST	PORT ENGINE	96	5/16 RING	5/16 RING
#118	2	BLK	PORT ENGINE	PORT TERM POST	96	5/16 RING	5/16 RING
**119	8	RED	AUTOMATIC POWER SWITCH	PORT TERM POST	48	5/16 RING	5/16 RING
**120	8	RED	AUTOMATIC POWER SWITCH	STBD TERM POST	24	5/16 RING	5/16 RING

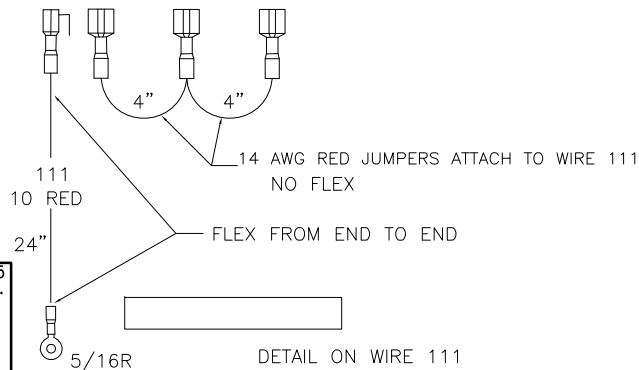
Ⓢ * - CUT ONLY FOR WINDLASS OPT: 10-70054

- DELETE WITH OPT: 020-70239

** - OPT: 020-70276, 020-70288 Ⓢ

Ⓢ 020-70299, 100-70402 Ⓢ

DUAL ENGINE



- 1) CONDUCTORS ARE TO BE STRANDED TINNED COPPER WITH MINIMUM TYPE 2 STRANDING FOR 1/0 OR SMALLER CABLE AND TYPE 3 STRANDING FOR 2/0 AND LARGER CABLES PER ABYC E-9.
- 2) INSULATION TO BE PVC AND WITHSTAND TEMPERATURES TO 105°C. CONDUCTORS AND INSULATION SHALL MEET THE REQUIREMENTS OF SAE J378 & J1127.
- 3) RING TERMINALS TO BE CLOSED END TYPE, TIN PLATED COPPER, AND MECHANICALLY CRIMPED.
- 4) 1/2" OF ADHESIVE LINED HEAT SHRINK TUBING MUST OVERLAP CABLE INSULATION. USE RED FOR POSITIVE & BLACK FOR NEGATIVE.
- 5) LABEL ALL WIRES WITH SPECIFIED NUMBERS.
- 6) WIRES 111, 112 & 113 ARE TO BE SHEATHED IN FLEX FROM END TO END.

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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 6/26/01	DRAWN: R. CLIFTON	DATE: 04/17/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. CLIFTON	DATE: 6/25/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 6/26/01	Battery Cables			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 7/02/01				2276	07206

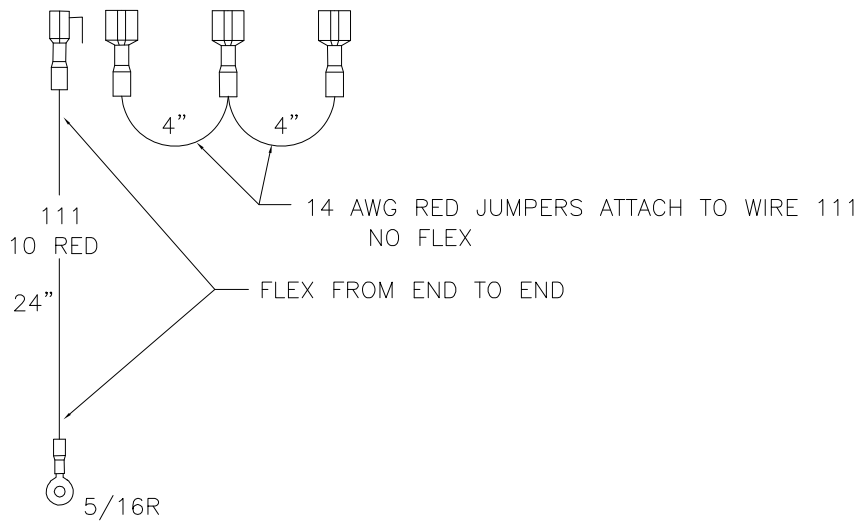
WIRE #	AWG	COLOR	FROM	TO	LENGTH INCHES	TERM	TERM
100	2	RED	STBD BATTERY POSITIVE	BATTERY SWITCH POS 2	31	3/8 RING	5/16 RING
102	2	RED	BATTERY SWITCH COMMON	STBD ENGINE TERMINAL BLOCK	72	5/16 RING	5/16 RING
107	2	BLK	STBD BATTERY NEGATIVE	STBD ENGINE TERMINAL BLOCK	48	5/16 RING	5/16 RING
109	2	BLK	PORT BATTERY NEGATIVE	STBD BATTERY NEGATIVE	36	5/16 RING	5/16 RING
110	4	BLK	STBD BATTERY NEGATIVE	MAIN GROUND BUS	48	5/16 RING	1/4 RING
111	10	RED	BATTERY SWITCH POS 2	UNSWITCHED BREAKERS	24	SEE DETAIL	SEE DETAIL
112	6	RED	BATTERY SWITCH COMMON	CONTROL STATION MAIN BREAKER	10	5/16 RING	5/16 RING
*113	6	RED	BATTERY SWITCH COMMON	WINDLASS BREAKER	12	5/16 RING	5/16 RING
114	2	RED	PORT BATTERY POSITIVE	BATTERY SWITCH POS 1	60	3/8 RING	5/16 RING
115	2	RED	TERMINAL BLOCK	ENGINE	96	5/16 RING	5/16 RING
116	2	BLK	ENGINE	TERMINAL BLOCK	96	5/16 RING	5/16 RING

(E)
(B)(E)
(B)(E)
(E)
(B)
(B)(E)
(D)
(D)

(E) *- CUT ONLY FOR WINDLASS OPTION 100-70054

SINGLE ENGINE

DETAIL ON WIRE 111



- 1) CONDUCTORS ARE TO BE STRANDED TINNED COPPER WITH MINIMUM TYPE 2 STRANDING FOR 1/0 OR SMALLER CABLE AND TYPE 3 STRANDING FOR 2/0 AND LARGERCABLES PER ABYC E-9.
- 2) INSULATION TO BE PVC AND WITHSTAND TEMPERATURES TO 105°C. CONDUCTORS AND INSULATION SHALL MEET THE REQUIREMENTS OF SAE J378 & J1127.
- 3) RING TERMINALS TO BE CLOSED END TYPE, TIN PLATED COPPER, AND MECHANICALLY CRIMPED.
- 4) 1/2" OF ADHESIVE LINED HEAT SHRINK TUBING MUST OVERLAP CABLE INSULATION. USE RED FOR POSITIVE & BLACK FOR NEGATIVE.
- 5) LABEL ALL WIRES WITH SPECIFIED NUMBERS.
- 6) WIRES 111, 112 & 113 ARE TO BE SHEATHED IN FLEX FROM END TO END.

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DWG. NO:
09101

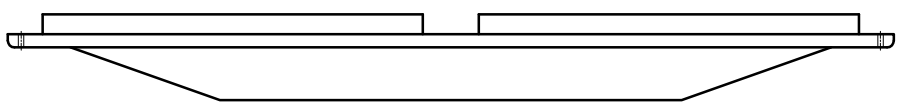
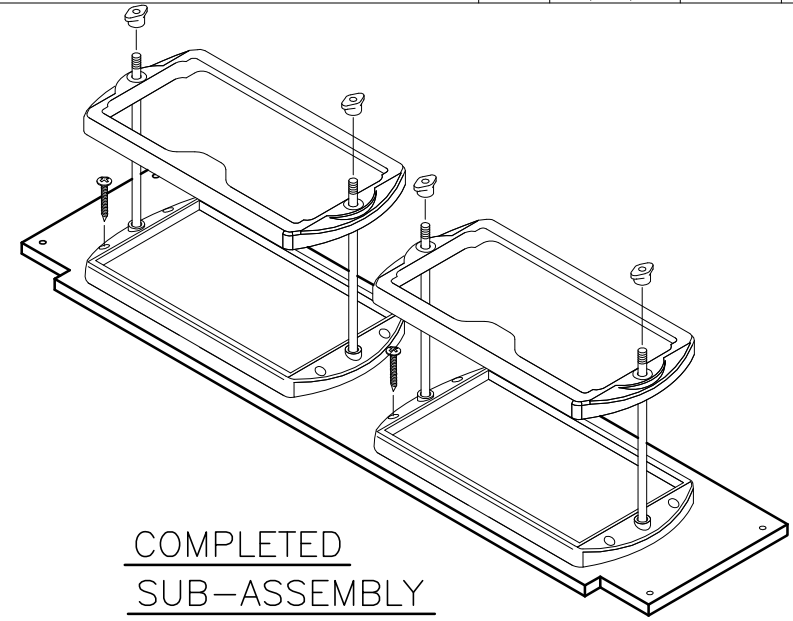
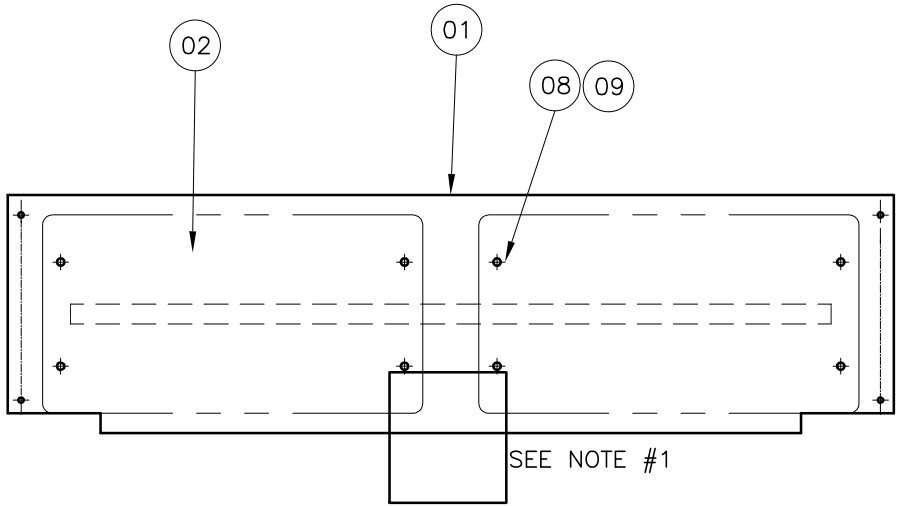
REV.
C

CURRENT ECD
060228

NOTES:

1- PRESS #08 IN BOTTOM SIDE PRIOR TO ASSY (4 PLCS ONLY)

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	ZC	030317
B	#1 WAS 1618545, #2 WAS 0995068, DELETE #3-#7, ADD #8&9	SWH	12/06/05	ME	050640
C	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	SHELF, HDPE BATTERY	1809103
02	2	EA	HOLDER, BATTERY GR27 POWER GUARD	1809093
03	2	EA	CLEAT, HDPE BATTERY BOX WHIT	1618602
04	4	EA	BRACKET, BATT HOLDDOWN 1.25" CHR	1042837
05	12	EA	SCREW, MACHINE #8-32 X 1.25" POH SC	1214741
06	12	EA	NUT, LOCK #8-32 SC	1009927
07	12	EA	WASHER, FLAT #8 SS	0152900
08	4	EA	NUT, TEE #1/4-20 X 5/16" SS	768564
09	4	EA	SCREW, MACHINE #1/4-20 X 1" PPH SC	1008580

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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 5/01/01	DRAWN: R DURHAM	DATE: 05/01/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. AVILA	DATE: 5/01/01	DWG. TITLE:		255CQ		
	DESIGN: L. SCHOLZ	DATE: 5/01/01	BATTERY SHELF SUB ASSEMBLY		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
	INT. ENG:	DATE:			2276	09101	1 OF 1

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DWG. NO:
06102

REV.
E

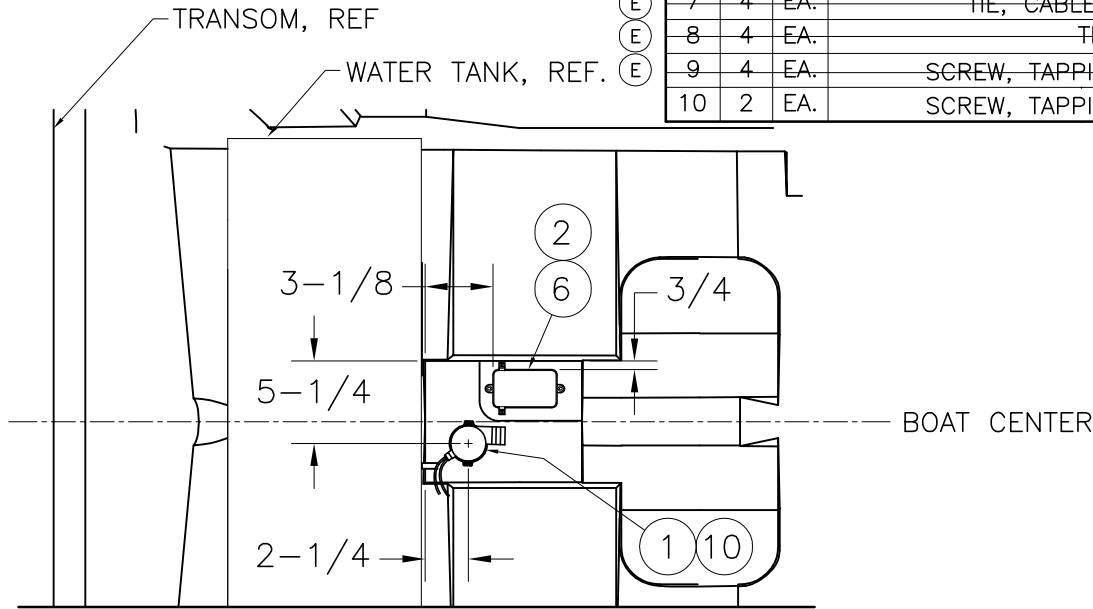
CURRENT ECD
08065289

NOTES:

1. REFER TO DWG. 01-251 FOR HOSE LENGTHS.
2. LOOP & SECURE DISCHARGE HOSE AS ILLUSTRATED.
3. APPLY WHITE SILICONE SEALANT TO ALL DRILLED HOLES FOR FASTENERS JUST PRIOR TO INSTALLING THE FASTENERS.
4. ALL HOSE & LINE ROUTINGS SHALL COMPLY w/NMMA, USCG, USCG, & ABYC STANDARDS AND RECOMMENDED PRACTICES.
5. FASTEN HOSE EVERY 14" TYPICAL.
6. SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS


REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
B	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	04/21/03	-	030317
C	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228
D	CHANGED PART NO. & DESCRIPTION FOR ITEM #'S 2 & 6, SHEET 1.	JC/SL	07/12/06	AVM	060610
E	REMOVE ITEMS 7,8,&9 AND ADD NOTES TO REFER DWG. 01-300	JF	06/09/08	AVF	08065289

Parts List				
ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
1	1	EA.	PUMP, BILGE 1100 GPH	1480094
2	1	EA.	SWITCH, FLOAT RULE W/CVR MERCURY FREE	1849537
3	0		HOSE, WATER 1 1/8" BLK	1042076
4	2	EA.	CLAMP, HOSE #16 3/4"-1.5" SS .505	0256685
5	2	EA.	COVER, CLAMP END PROT 1/2"L x .035W	0830976
6	2	EA.	SCREW, TAPPING #8A X 1.25" PTH SC	1130053
7	4	EA.	TIE, CABLE 6" MED NYLON BLK	0999672
8	4	EA.	TIE, CLIP BLK	1031764
9	4	EA.	SCREW, TAPPING #8A x 5/8" PTH SC	1010925
10	2	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739



PUMP & SWITCH MTG. LOC'NS.

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 X/X = ± 1/16
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 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 04/19/01	DRAWN: R CRAVEN	DATE: 04/16/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: J. SIRECI	DATE: 04/19/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 04/20/01	BILGE PUMP INSTALLATION			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG:	DATE:				2276	06102

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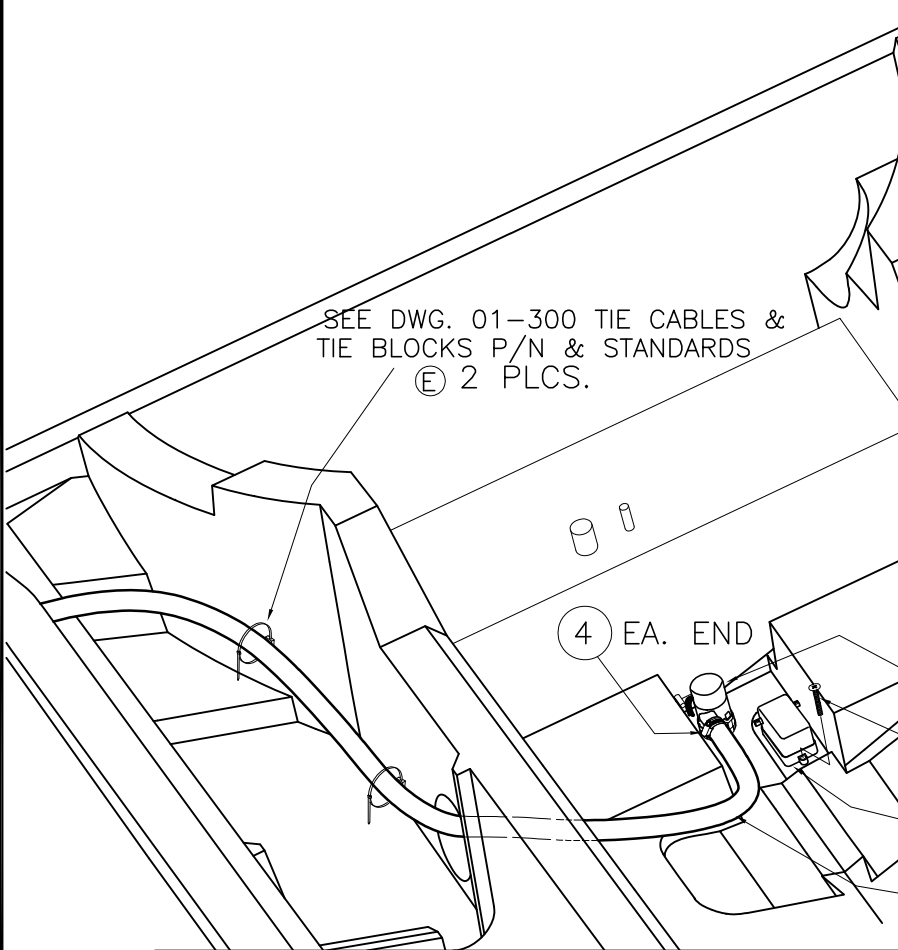
DWG. NO:
06102

REV.
E

CURRENT ECD
08065289

NOTES:

SEE DWG. 01-300 TIE CABLES & TIE BLOCKS P/N & STANDARDS
ⓔ 2 PLCS.

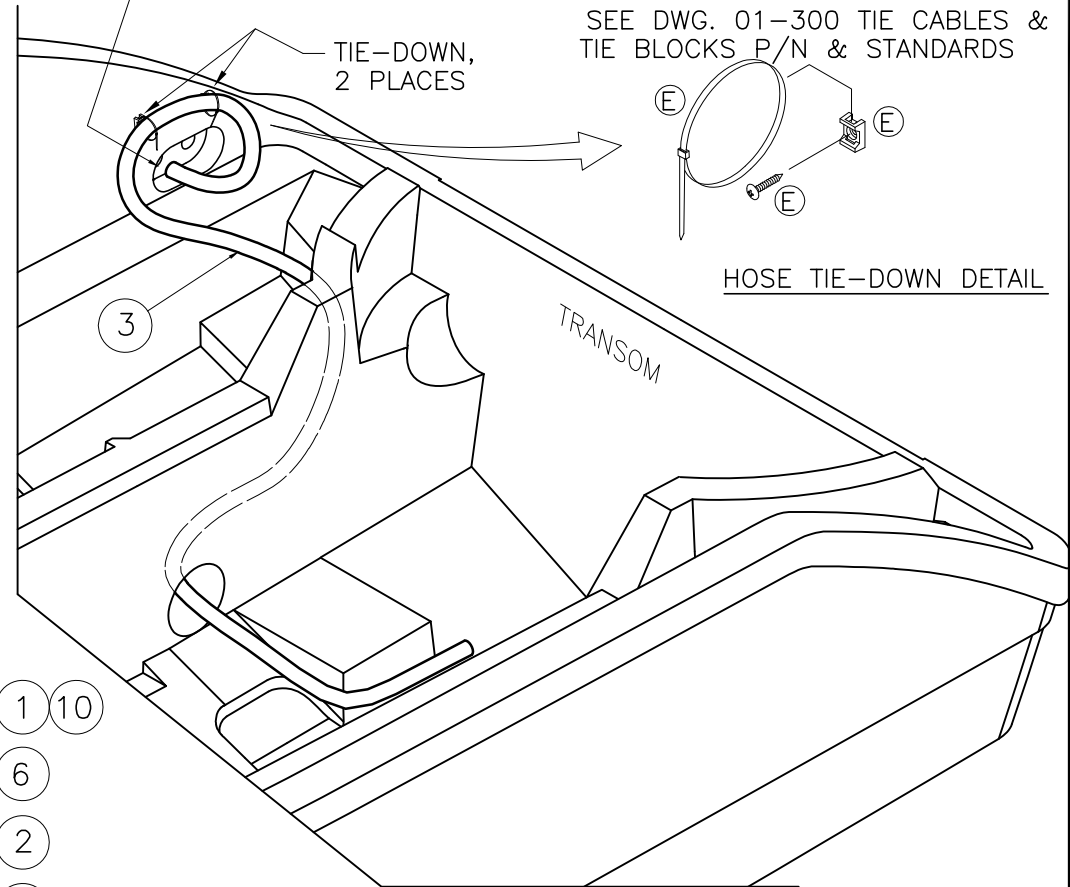


HOSE ROUTE, LKG PORT AFT

HOSE CONNECTS TO FWD. LOCATION,
SEE DWG. 06-101 FOR DETAIL

TIE-DOWN,
2 PLACES

SEE DWG. 01-300 TIE CABLES & TIE BLOCKS P/N & STANDARDS



HOSE TIE-DOWN DETAIL

HOSE ROUTE, LKG STBD AFT

(WATER TANK REMOVED FOR CLARITY)

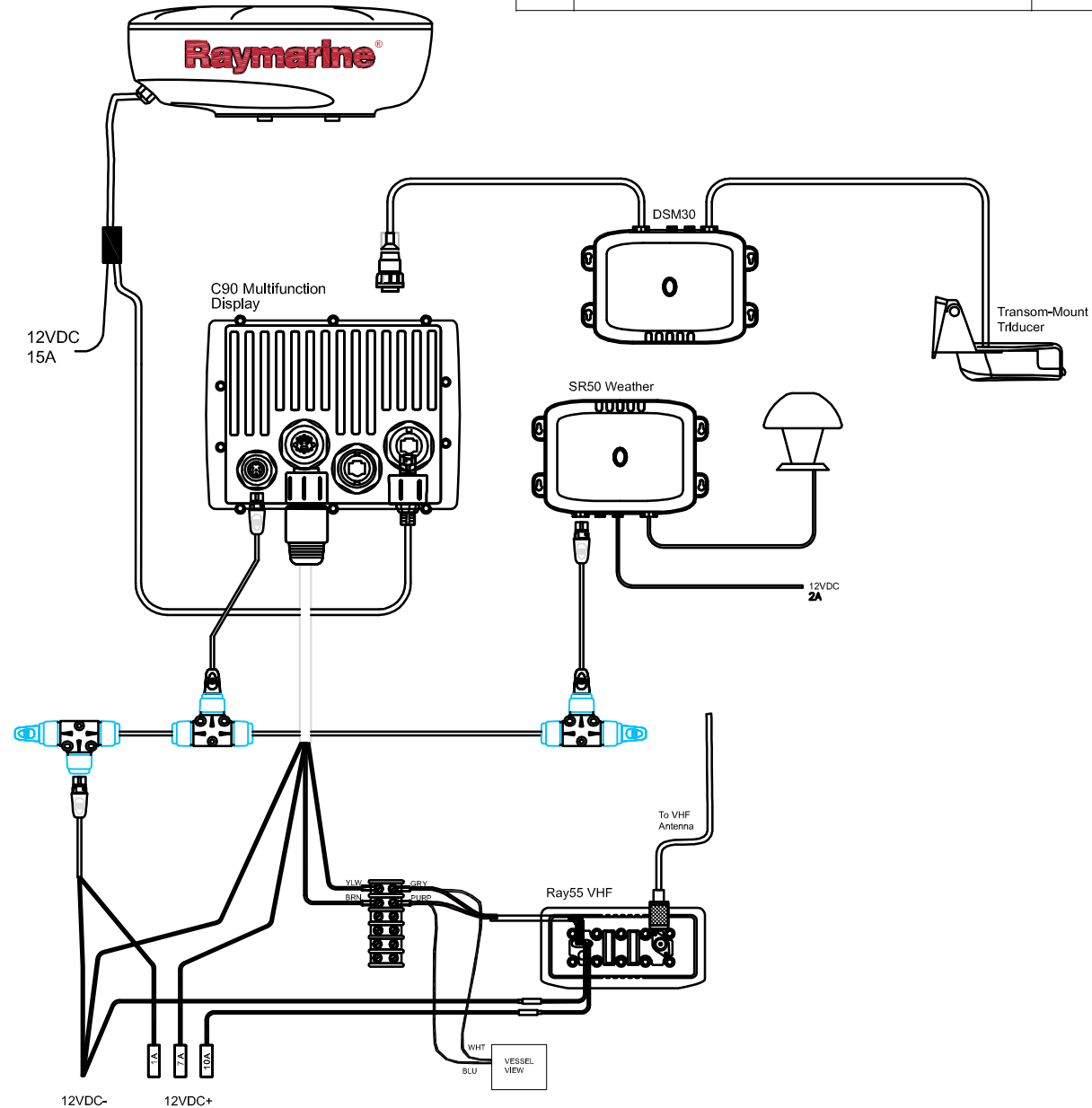
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DWG. NO: 07506
 REV. -
 CURRENT ECD 10036680

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
-		-	-		-

4kW 24-inch Digital Radome



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



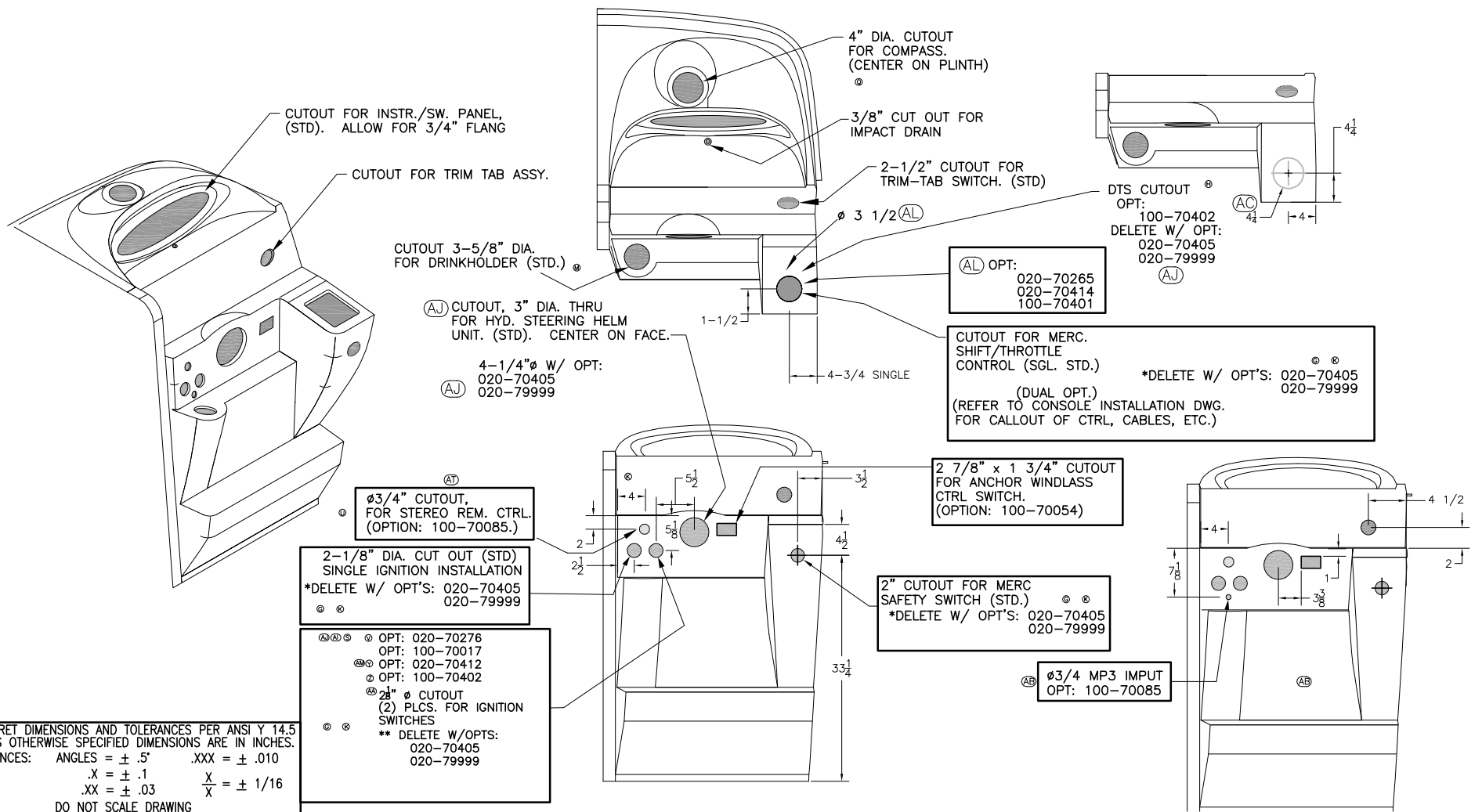
CHECKED: T.TUASTO	DATE: 04/27/10	DRAWN: S. LEGG	DATE: 04/27/10	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: T.MELLOW	DATE: 04/28/10	DWG. TITLE:			255CQ	
DESIGN: RA	DATE: 04/27/10	C90 NAVIGATION PKG			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: ST	DATE: 05/05/10				10036680	07506
					SHT. NO.	
					1	of 1

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DWG. NO: 09201
 REV. AT
 CURRENT ECD 11067819

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
AQ	CHANGED ITEM 21 TO #8A X 1/2" SCREW TAPPING PTH SC	TM	11/04/08	AF	08115598
AR	CHANGED ITEM 27 TO #8A X 1/2" SCREW TAPPING PTH SC	TM	11/10/08	AF	08115607
AS	MYE"10" #1 WAS P/N1803894, #48 WAS P/N1850253	BH	7/15/09	ST	09066043
AT	MYE12 REPLACE 1970760 TO 2061731 BLACK BOX	JSD	8/15/11	JK	11067819

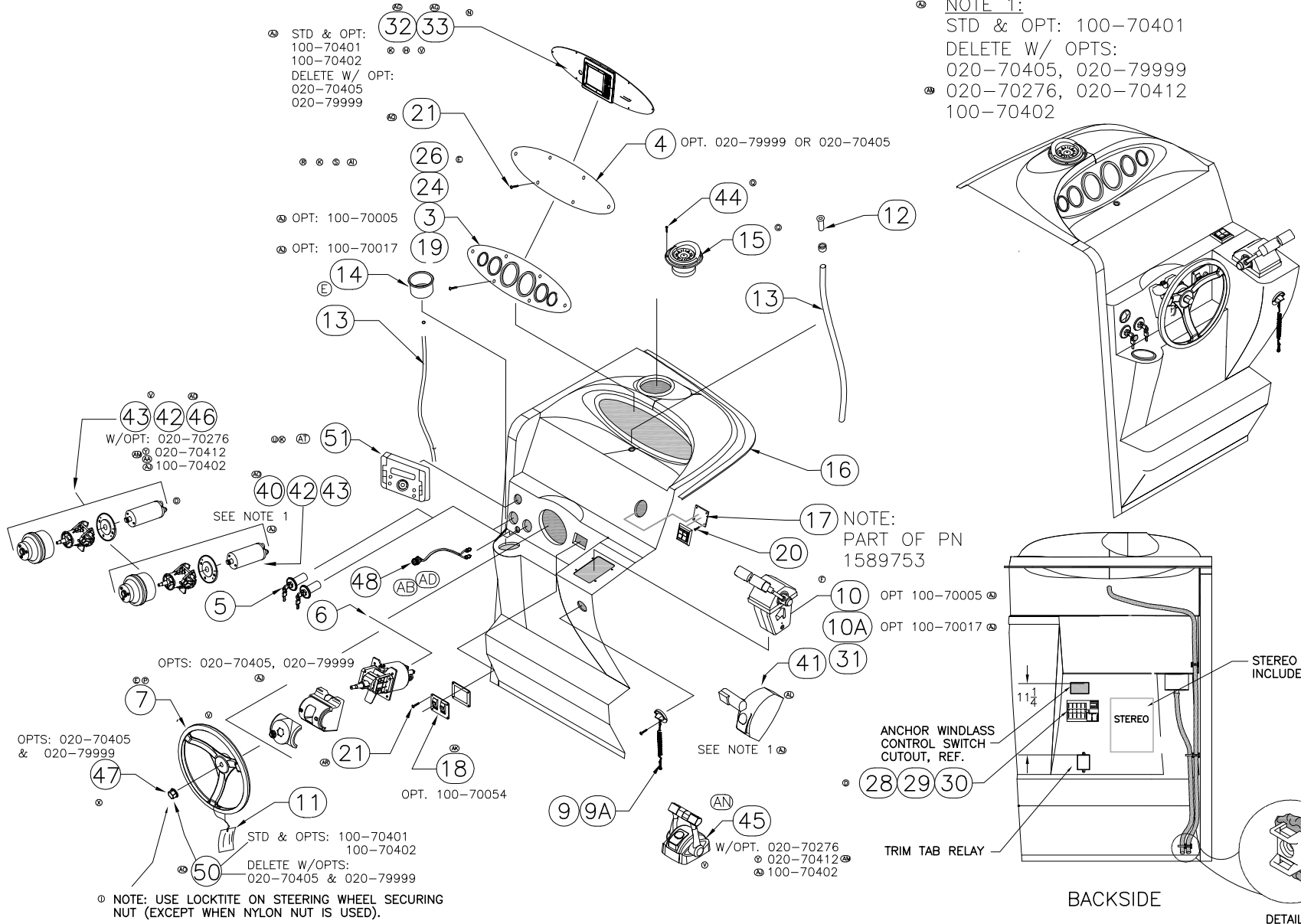
1. DIMENSIONS ARE GIVEN ON PAINTED LAMINATE SURFACE.
2. SECURE ALL WIRING/HOSES EVERY 14" (MAX.).
3. REFER TO WIRING DIAGRAM DWG. 07-401 BASE BOAT
4. REFER TO DWG. #10-251 FOR HOSE CUT LENGTHS
5. SEE DWG. 01-300 FOR TIE CABLES P/N & STANDARDS.



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



CHECKED: R. DURHAM	DATE: 5/24/01	DRAWN: H. READ	DATE: 04/30/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: H. WOOD	DATE: 5/31/01	DWG. TITLE: Console Sub Assembly			INIT. REL. ECN NO: 2276	DWG. NO: 09201
DESIGN: L. SCHOLZ	DATE: 06/04/01					SHT. NO. 1 of 3
INT. ENG: M. GATICA	DATE: 9/13/01					



NOTE 1:
STD & OPT: 100-70401
100-70402
DELETE W/ OPT:
020-70405, 020-79999
020-70276, 020-70412
100-70402

NOTE:
PART OF PN
1589753

ANCHOR WINDLASS
CONTROL SWITCH
CUTOFF, REF.

STEREO MODULE
INCLUDED WITH #51

BOSTIC TIE CLIP TO
INSIDE OF CONSOLE
PART

BACKSIDE

DETAIL A
SEE DWG# 01-300 TIE
CABLES P/N & STANDARDS

NOTE: USE LOCKTITE ON STEERING WHEEL SECURING NUT (EXCEPT WHEN NYLON NUT IS USED).



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: H. READ DATE: 04/30/01 SCALE: NONE
DWG. TITLE:
Console Sub Assembly

BOAT MODEL
255CQ
INIT. REL. ECN NO:
2276

MOLD NO.
DWG. NO:
09201

SHT. NO.
2 OF 3

DWG. NO: 09201
 REV. AT
 CURRENT ECD 11067819

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ITEM	QTY		U/M	DESCRIPTION	B.W.I. NO.
	STD.	OPT.			
1	1		EA.	STEREO, REMOTE CNTRL W/DIG DSPLY F/CMD6 BLK	1970759
2	1		EA.	CABLE, CLARION REMOTE EXTENSION CABLE	1312750
3	1		EA.	PANEL, BW255CQ-04 INST MERC SGL SC-1000	1772775
4	1		EA.	PANEL, BLANK:BW255CQ-04 INST	1754079
5	1		EA.	HARNESS, IGN 25' SINGLE	1452804
6	1		EA.	STEERING, HELM PUMP SEA STAR I TILT	0317032
7	1		EA.	STEERING WHEEL, 15.5" DIA SS 25DEG	1756163
8	1		EA.	EMBLEM, BW STEERING WHIL CAP	1021054
9	1		EA.	ACC PART, MERC SWITCH (SAFTY ASSY) SGL.	0882605
9A	1		EA.	ACC PART, MERC SWITCH (LANYARD STOP DUAL)	1477983
10	1		EA.	CONTROL, CNSL MNT SGL N/HARNESS GEN II	1752911
10A	1		EA.	CONTROL, CNSL MNT DUAL N/HARNESS GEN II	1752912
11	1		EA.	TAG, NON-TOXIC ANTI-FREEZ ADDED	1259092
12	1		EA.	DRAIN, PUSH IN 3/8" WHT.	0916833
13	NOTE 4		FT.	HOSE, PVC CLEAR DRAIN 7/16"	1041490
14	1		EA.	DRINKHOLDR, PLAS W/DRAIN DEEP XLG SZ BLK	1727419
15	1		EA.	COMPASS, FLUSH MT 3.75" BLK RAISED	1787335
16	1		EA.	FIBERGLASS PART, CONSOLE	22-K041-00
17	1		EA.	TRIM TAB, ASSY 9.25 x 12 255CQ-02	1589753
18	1		EA.	PANEL, BW-07 WNDLS CNTRL	1878506
20	4		EA.	SCREW, TAPPING #6A x 1" PFH SC	1010354
21	8	4	EA.	SCREW, TAPPING #8A x 1/2" PTH SC	1008812
22	5		EA.	TIE CLIP BLK	1031764
23	5		EA.	TIE, CABLE 6" LG NYLON BLK	0999672
24	1		EA.	PANEL, BW255CQ-04 INST MERC DUAL SC-1000	1754077
25	1		EA.	PANEL, BW255CQ-04 INST MERC SGL SC-1000	1754076
26	1		EA.	PANEL, BW255CQ-04 INST MERC DUAL ANALOG N/SW	1754078
27	4		EA.	SCREW, TAPPING #4A X 1" PPH SC	1010636
28	1		EA.	FUSE BLOCK, 10-GNG BLADE-TYPE W/BLANK	1688102
29	1		EA.	BOOT, PVC TERMINAL INSULATOR CAP RED	1689904
30	4		EA.	SCREW, TAPPING #8A X 1" PTH SC	1008804
31	4		EA.	SCREW, TAPPING #10 X 1" PTH SC	1008739
32	1		EA.	PANEL, BW255CQ-07 INST MERC VESSEL VIEW	1887942
33	1		EA.	ACC PART, MERC S-CRFT VESSEL VIEW	1890259
34	1		EA.	CONTROL, CNSL MNT DTS N/ HARNES	1738099
35	1		EA.	SWITCH, IGN ASSY (DTS)	1739701
36	1		EA.	SPACER, HDPE BW 02 DUAL CNTRL WEDGE 5DEG	1649862
38	2		EA.	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
39	2		EA.	SCREW, TAPPING #10A X 2" PTH SC	1008754
40	1		EA.	STEERING, HELM PUMP MERC 40 CM3 TILT (NEW)	1942930
41	1		EA.	CONTROL, CNSL MNT SLIM D	1802837
42	2		EA.	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999
43	2		EA.	STEERING, ELBOW SS 11/16" ORFS FEMALE X MALE	1804872
44	4		EA.	SCREW, TAPPING #6A X 1" PPH SC	1184548
45	1		EA.	CONTROL, CNSL MNT DUAL DTS CANPAD GEN I	1849602
46	1		EA.	STEERING, HELM PUMP MERC 50 CM3 TILT (NEW)	1942931
47	1		EA.	STEERING, NUT 758 CAST SS W/BW LOGO	1815982
48	1		EA.	VIDEO EQUIPMENT, AUX INPUT MP3 W/MALE ENDS	1975652
49	1		EA.	PANEL, BW255CQ-05 INST MERC DUAL SC-1000	1772776
50	1		EA.	STEERING, NUT M12-1.75 CAST SS W/BW LOGO	1808064
51	1		EA.	STEREO, CLARION AM/FM BLACK BOX CMS1	2061737

MOLD NO. _____

BOAT MODEL 255CQ

INIT. REL. ECN NO. 2276

DWG. NO. 09201

SHT. NO. 3 of 3

SCALE: NONE

DATE: 04/30/01


DRAWN: H. READ

DWG. TITLE: Console Sub Assembly

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



BOSTON WHALER
 PRODUCT DEV. & MFG. ENGINEERING GROUP

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DWG. NO:
06201

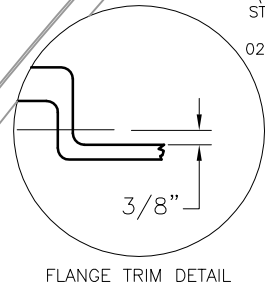
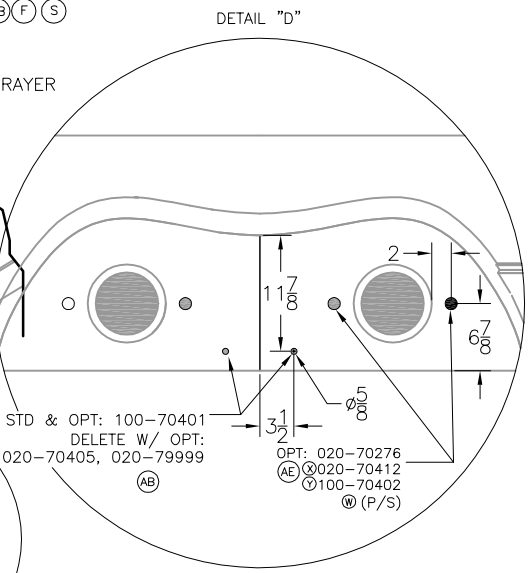
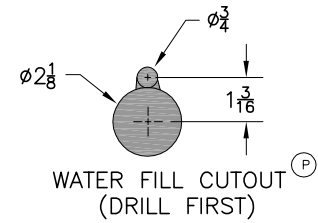
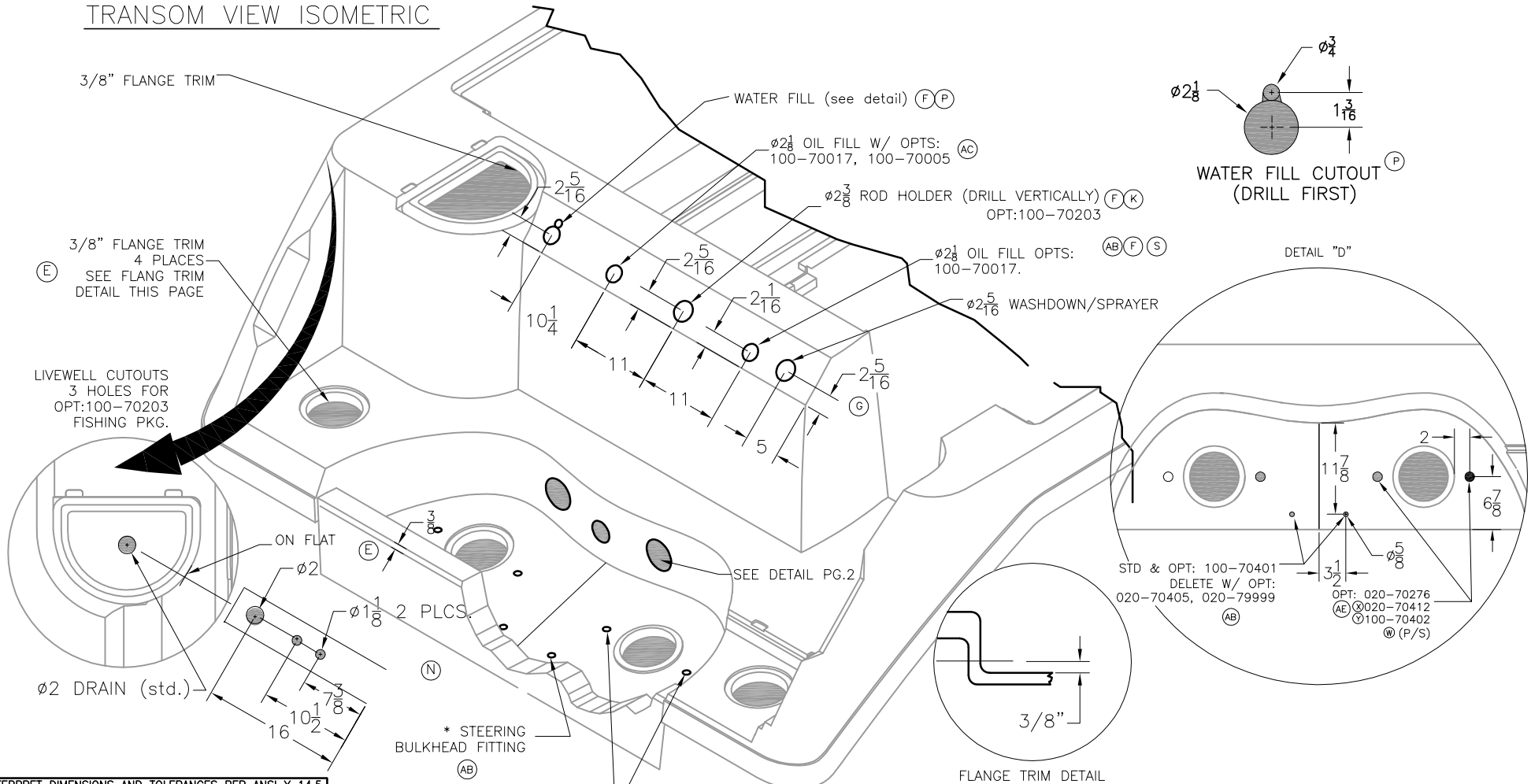
REV.
AG

CURRENT ECD
10077052

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
AF	CHANGED HOLE DIM SHT 3. DIM WAS 2 1/16"	SG	05/05/10	ST	10046794
AG	MYE'11: ADDED/MODIFIED CUTOUT DETAIL, SHEET 2	SBL	07/29/10		10077052

1. SEE FIXTURE SHEET #01-201 FOR LOCATIONS.

TRANSOM VIEW ISOMETRIC



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/X = ± 1/16
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CHECKED: R. DURHAM	DATE: 06/12/01	DRAWN: R. CRAVEN	DATE: 05/22/00	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: H. WOOD	DATE: 06/13/01	DWG. TITLE:			255CQ	
DESIGN: L. SCHOLZ	DATE: 06/13/01	Deck Cutouts and Thru Hulls			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 07/07/01				2276	06201
					SHT. NO.	
					1	of 6

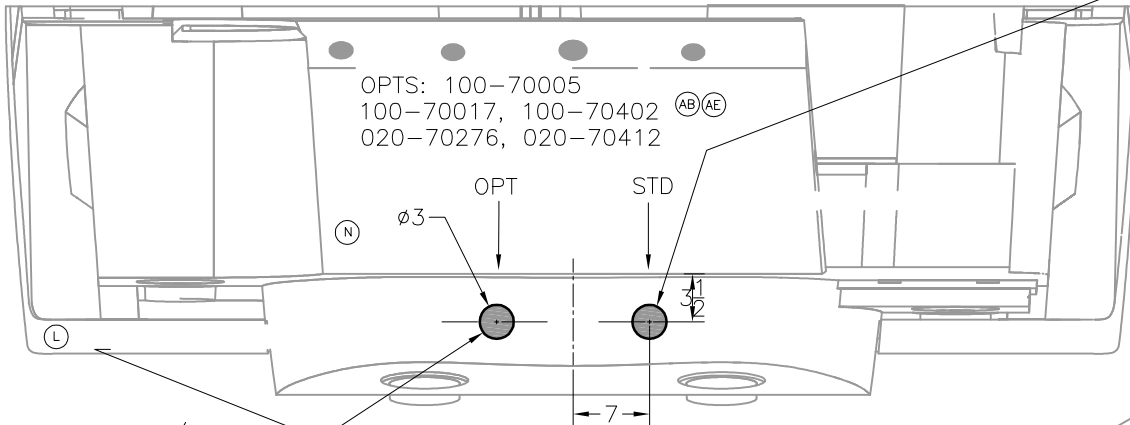
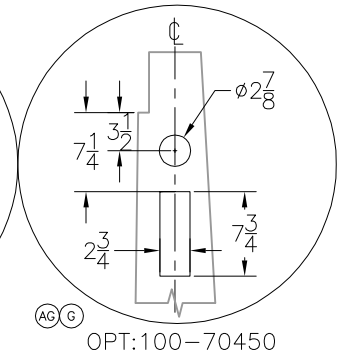
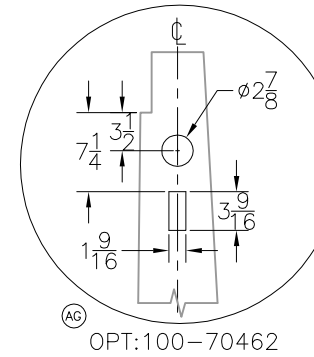
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DWG. NO:
06201

REV.
AG

CURRENT ECD
10077052

STD & OPT:
100-70017
100-70401
100-70402
(AB)

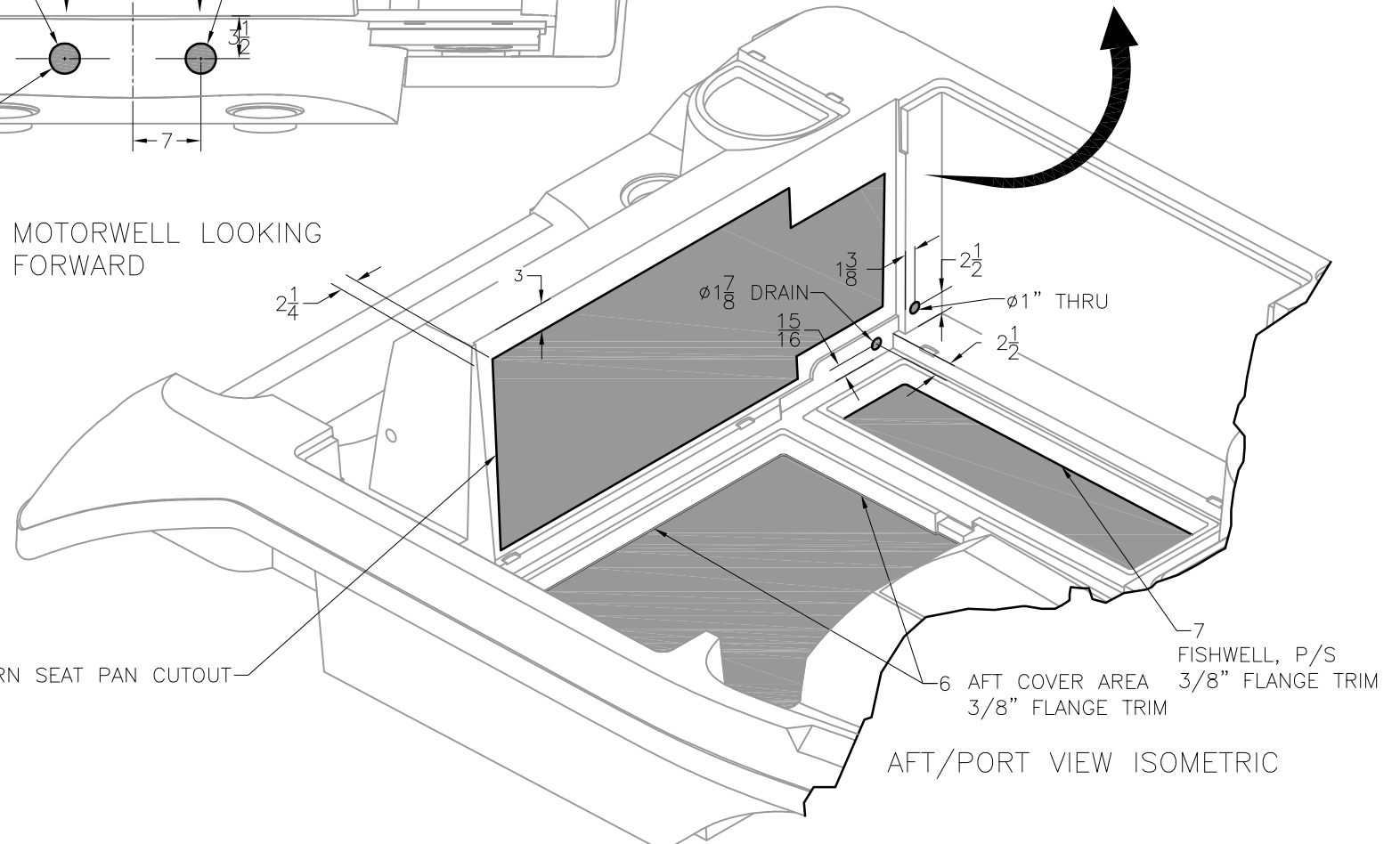


OPTS: 100-70005
100-70017, 100-70402
020-70276, 020-70412

THROTTLE/SHIFT
FUEL LINE BOOT

MOTORWELL LOOKING
FORWARD

STERN SEAT PAN CUTOUT



AFT/PORT VIEW ISOMETRIC



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: 05/22/00

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

255CQ

Deck Cutouts and Thru Hulls

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

06201

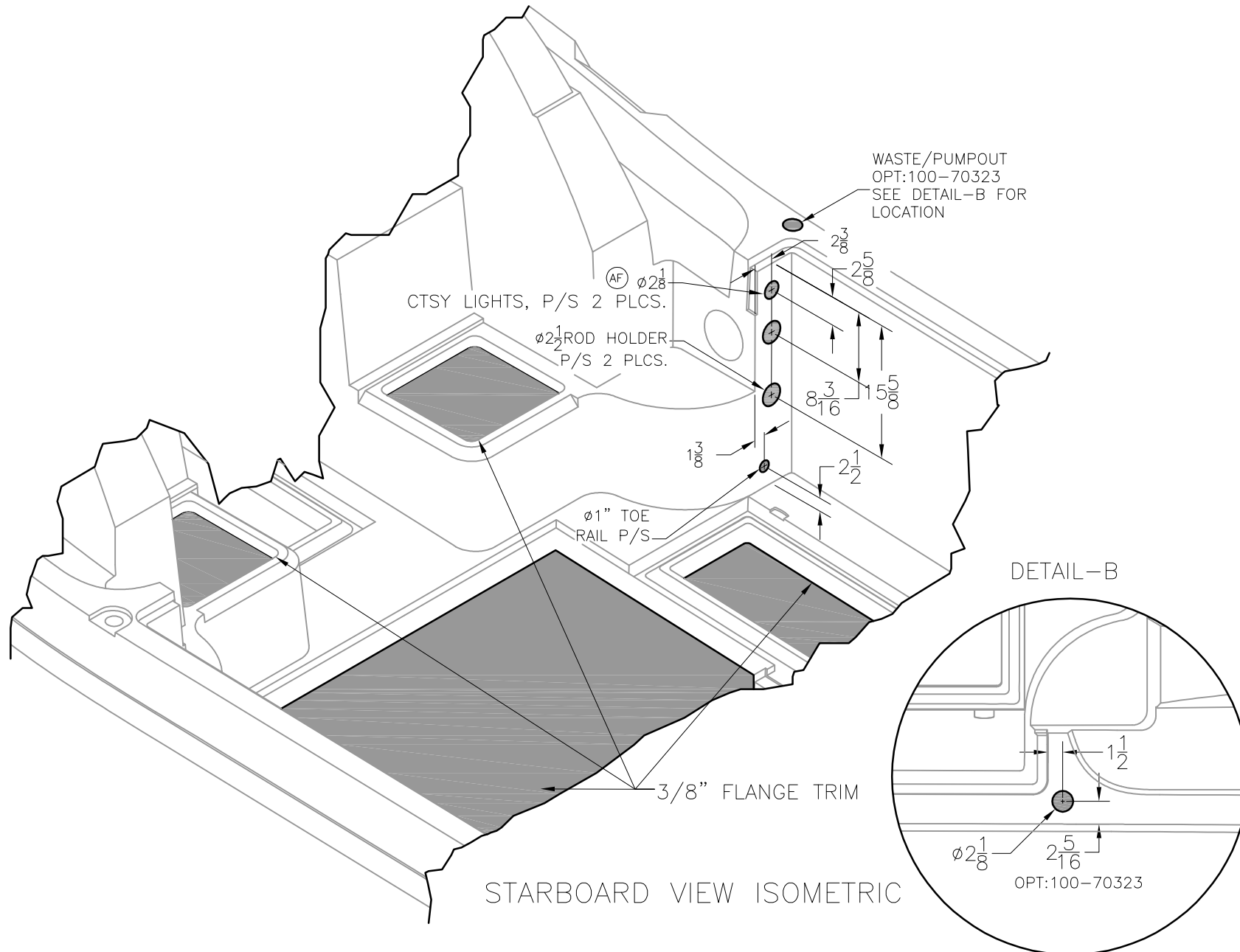
2 OF 6

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DWG. NO:
06201

REV.
AG

CURRENT ECD
10077052



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.CRAVEN

DATE:05/22/00

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

Deck Cutouts and Thru Hulls

INIT. REL. ECN NO:

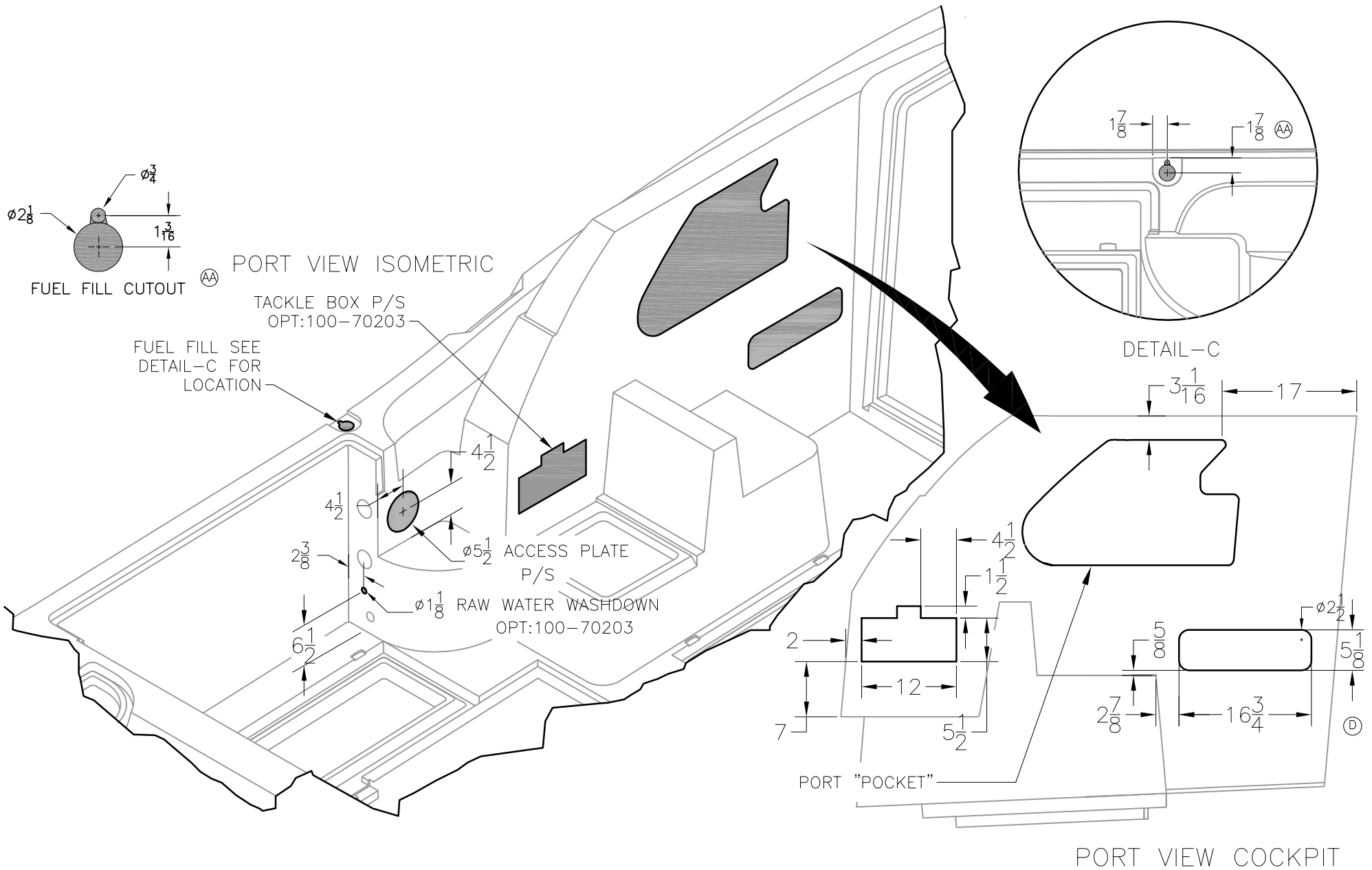
DWG. NO:

SHT. NO.

2276

06201

3 OF 6

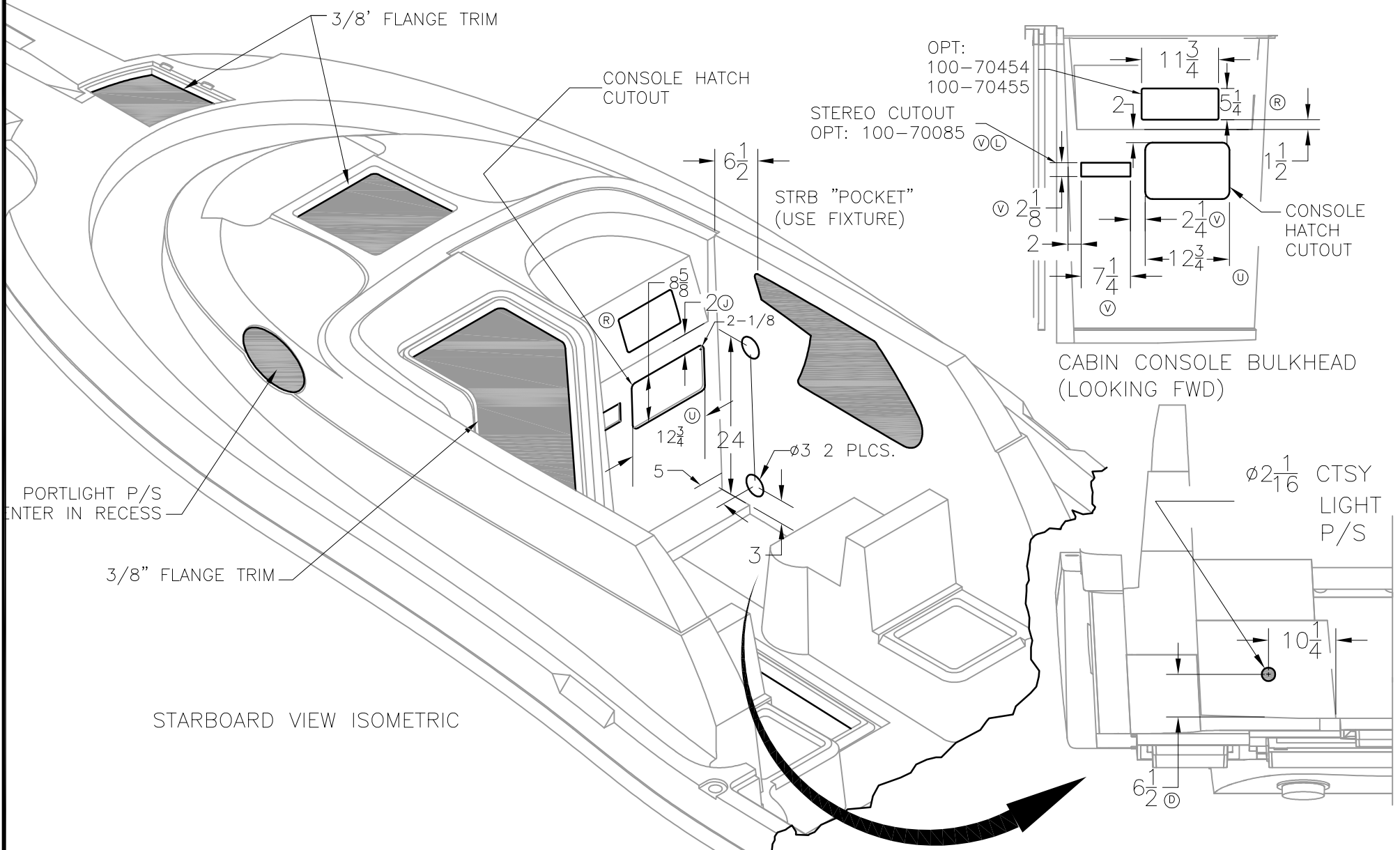


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DWG. NO:
06201

REV.
AG

CURRENT ECD
10077052



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: R. CRAVEN

DATE: 05/22/00

SCALE: NONE

BOAT MODEL
255CQ

MOLD NO.

DWG. TITLE:

Deck Cutouts and Thru Hulls

INIT. REL. ECN NO:
2276

DWG. NO:
06201

SHT. NO.

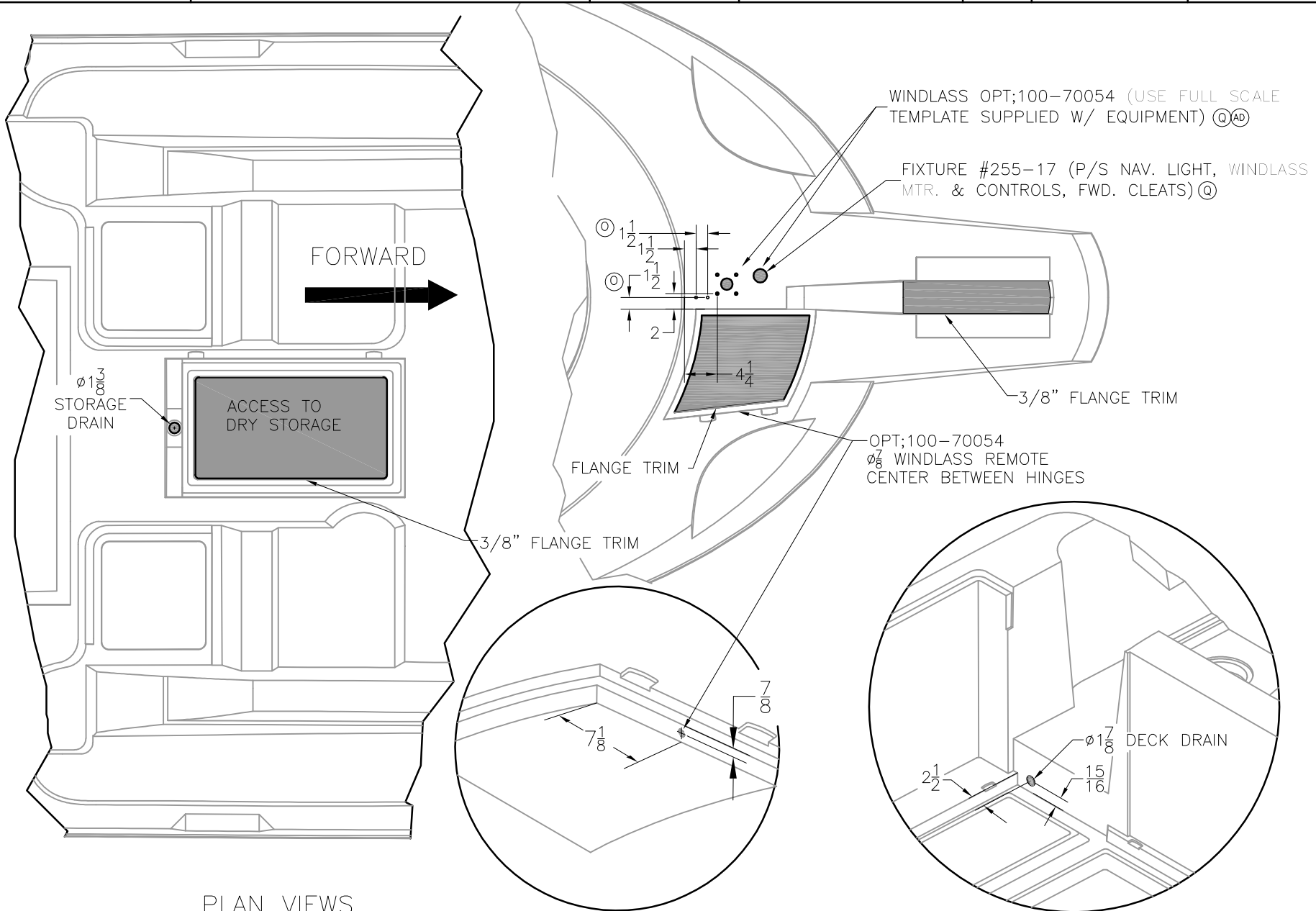
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DWG. NO:
06201

REV.
AG

CURRENT ECD
10077052



PLAN VIEWS

STRB AFT VIEW ISOMETRIC



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: R.CRAVEN

DATE:05/22/00

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

255CQ

Deck Cutouts and Thru Hulls

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

06201

6 OF 6

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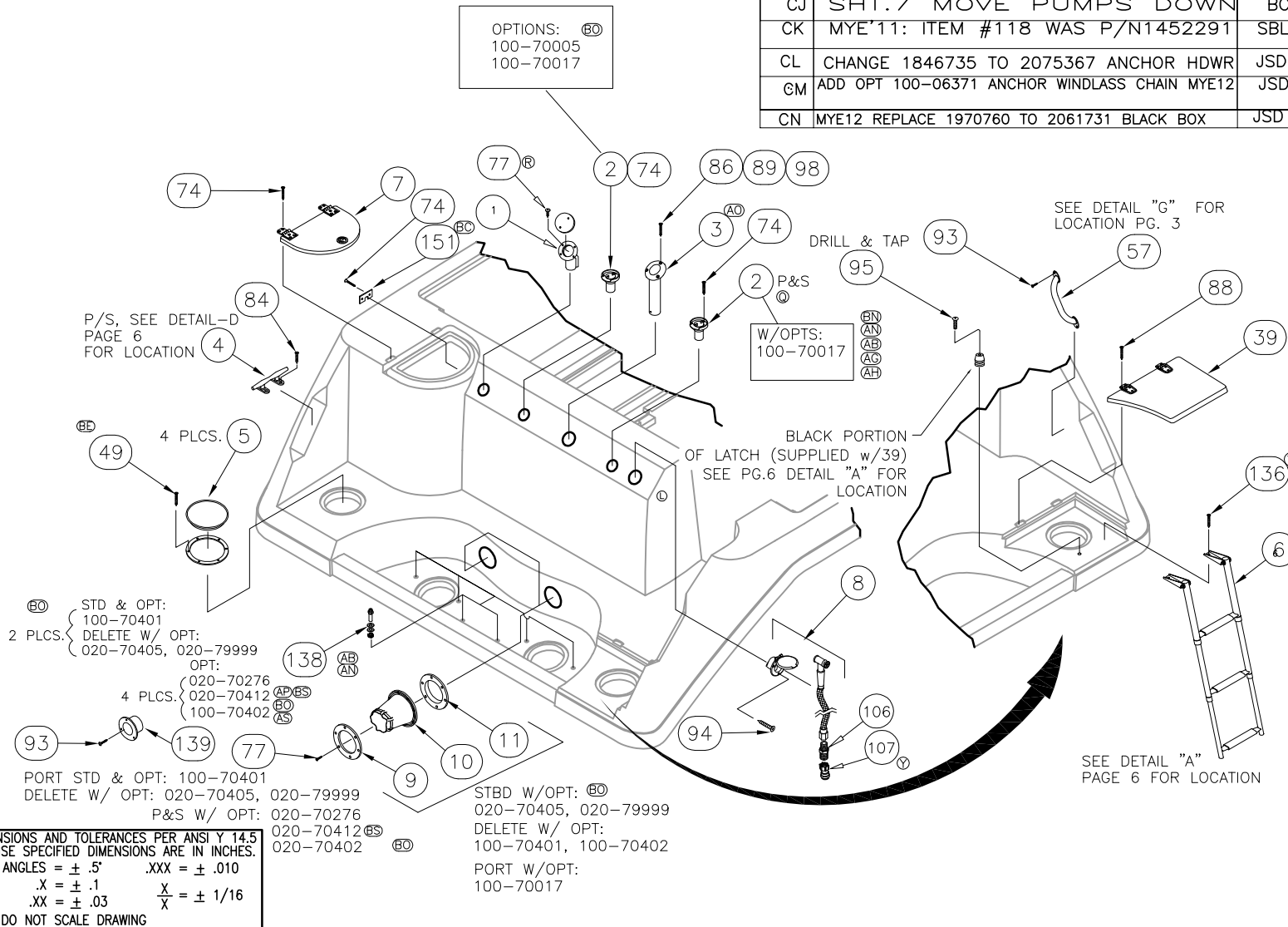
DWG. NO:
06202

REV.
CN

CURRENT ECD
11067819

1. REFER TO DWG. #06-201 FOR HOLE CUTOUTS.
2. APPLY SEALEANT TO ALL THREADED CONNECTORS/FITTINGS.
3. SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
CF	MYE"10", CHANGED OPT NUMBERS, SHEET 3	SLJ	09/23/09	ST	09066055
CG	REPLACED 1396860 WITH 1950128	SG	10/06/09	ST	09096205
CH	ADDED OPT'S FOR #'S142 & 78 ON SHEET 3	SBL	11/18/09	HW	09066055
CI	REPLACED 860320 WITH 2022732 SHT 9	SG	05/05/10	ST	10046794
CJ	SHT.7 MOVE PUMPS DOWN	BC	06/21/10	MAE	10066976
CK	MYE"11: ITEM #118 WAS P/N1452291	SBL	07/29/10	ST	10077052
CL	CHANGE 1846735 TO 2075367 ANCHOR HDWR	JSD	8/4/11	JK	11067851
CM	ADD OPT 100-06371 ANCHOR WINDLASS CHAIN MYE12	JSD	8/8/11	JK	11067880
CN	MYE12 REPLACE 1970760 TO 2061731 BLACK BOX	JSD	8/15/11	JK	11067819



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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X = ± 1/16
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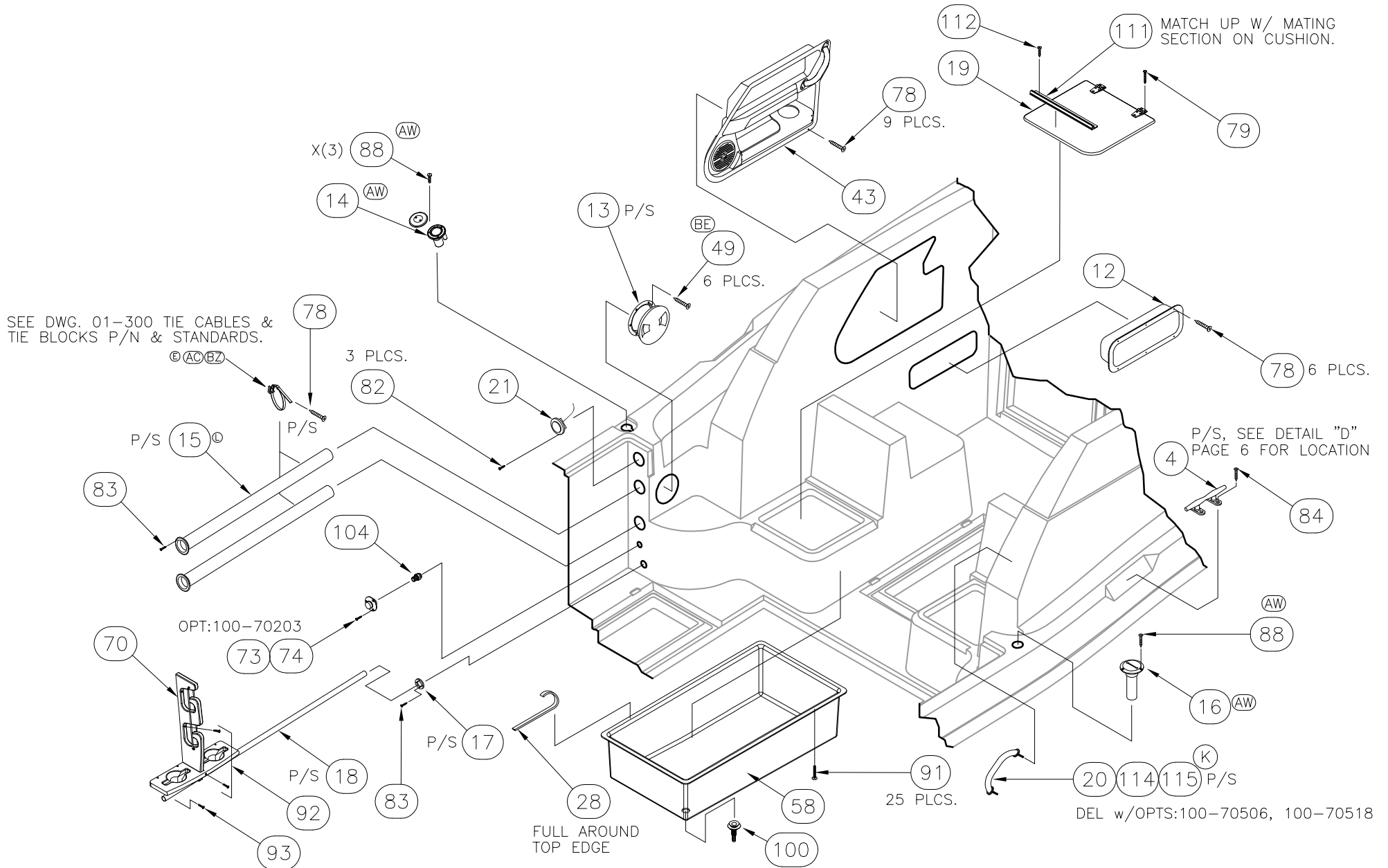
CHECKED: R. DURHAM	DATE: 06/27/01	DRAWN: R. CRAVEN	DATE: 05/23/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: K. RANIERI	DATE: 06/27/01	DWG. TITLE: Deck Outfit and Equipment Locations			INIT. REL. ECN NO: 2276	DWG. NO: 06202
DESIGN: L. SCHOLZ	DATE: 06/27/01					SHT. NO. 1 of 10
INT. ENG: M. GATICA	DATE: 07/07/01					

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DWG. NO:
06202

REV.
CN

CURRENT ECD
11067819



SEE DWG. 01-300 TIE CABLES & TIE BLOCKS P/N & STANDARDS.

ⓐ ⓑ ⓓ ⓔ ⓑ ⓓ ⓔ

OPT:100-70203

DEL w/OPTS:100-70506, 100-70518



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R.CRAVEN DATE:05/23/01 SCALE: NONE
DWG. TITLE: Deck Outfit and Equipment Locations

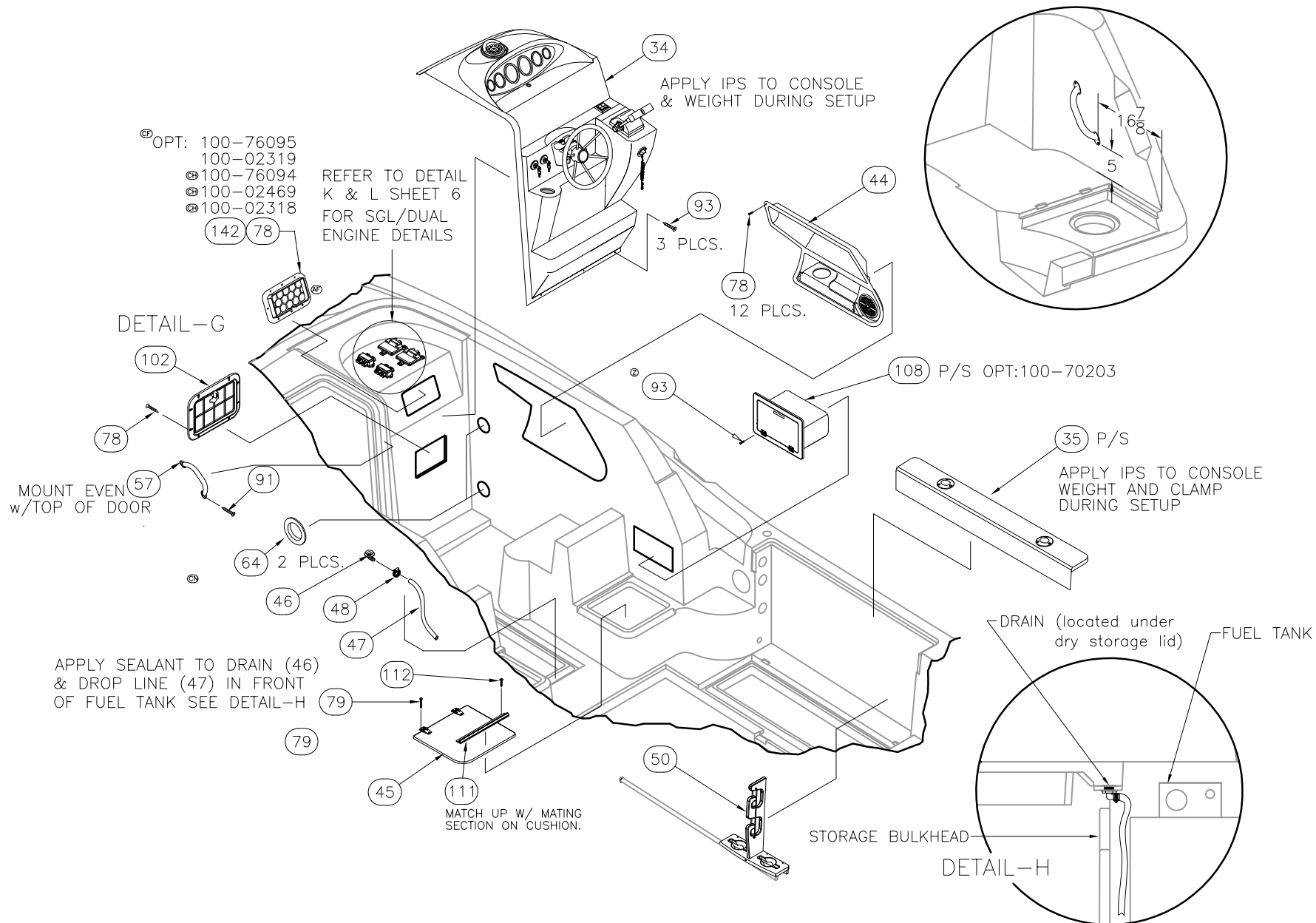
BOAT MODEL 255CQ	MOLD NO.
INIT. REL. ECN NO: 2276	DWG. NO: 06202
SHT. NO. 2 OF 10	

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DWG. NO:
06202

REV.
CN

CURRENT ECD
11067819



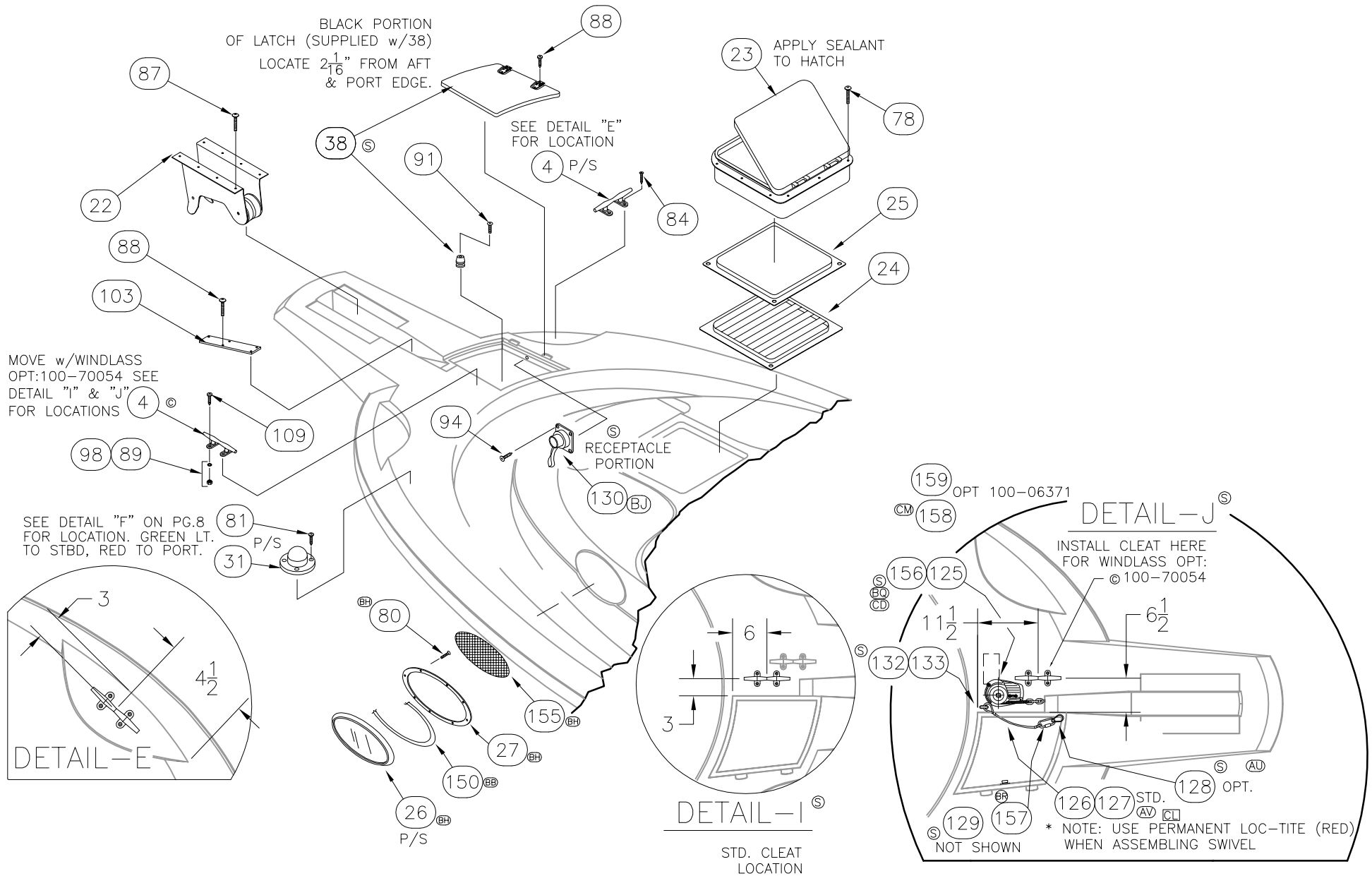
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DRAWN: R.CRAVEN DATE:05/23/01 SCALE: NONE
DWG. TITLE: Deck Outfit and Equipment Locations

BOAT MODEL 255CQ
INIT. REL. ECN NO: 2276

MOLD NO.
DWG. NO: 06202

SHT. NO. 3 of 10

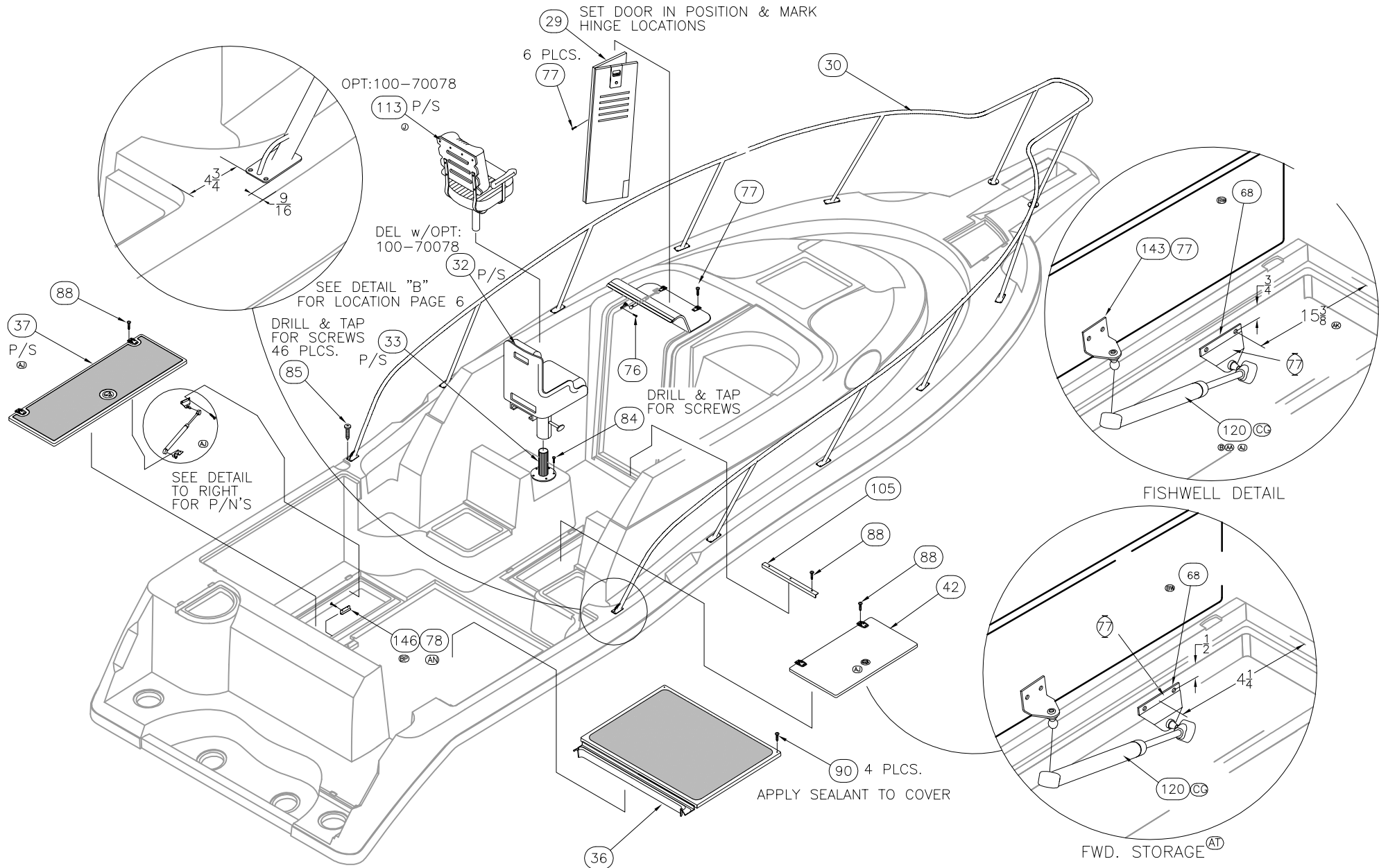


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DWG. NO:
06202

REV.
CN

CURRENT ECD
11067819

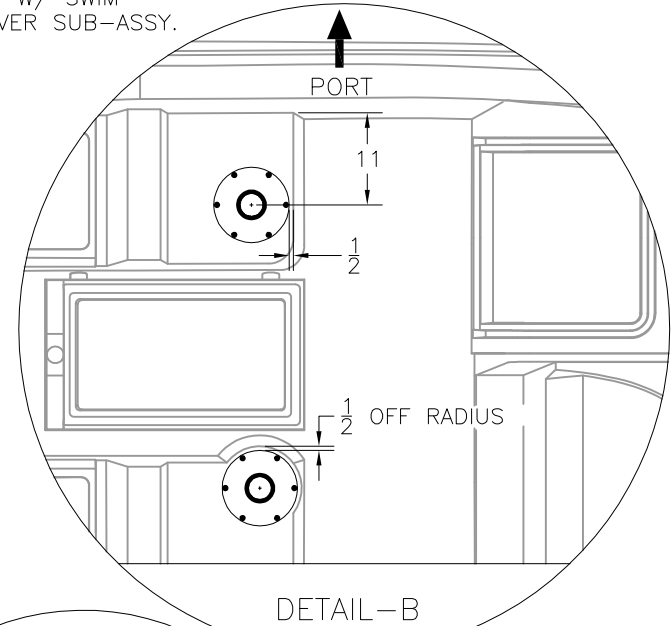
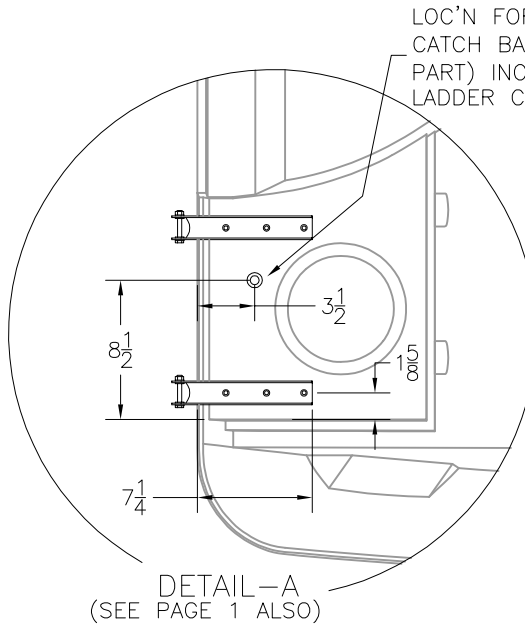
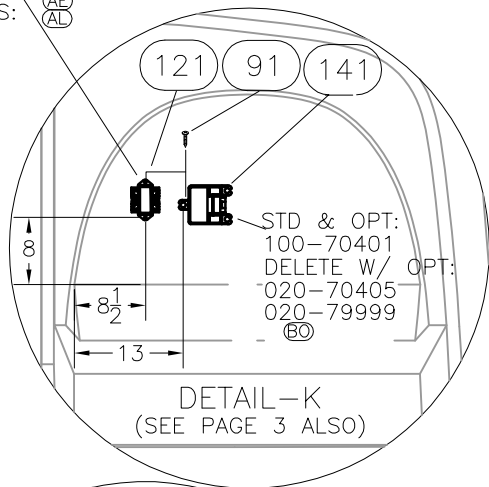


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100-70401

DELETE W/OPTS:
020-79999
020-70405

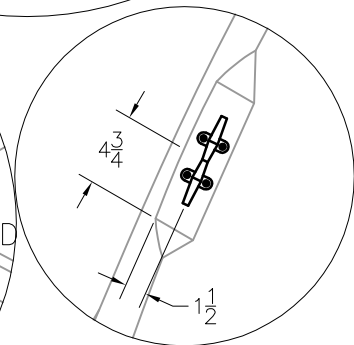
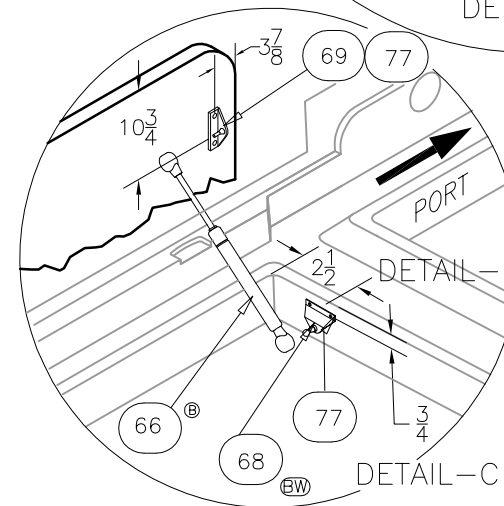
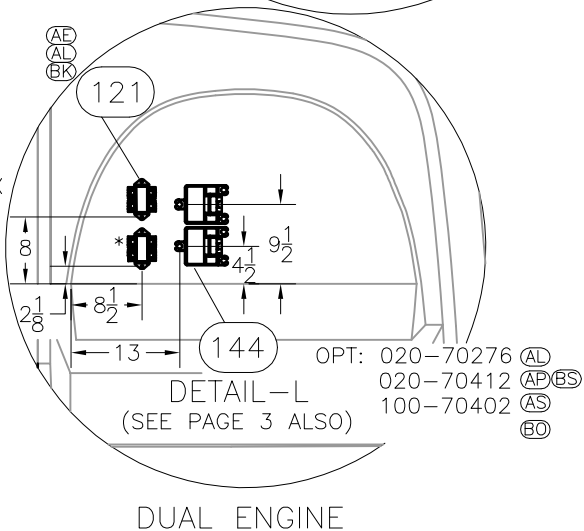
(AS)
(AH)
(AE)
(AL)

SINGLE ENGINE

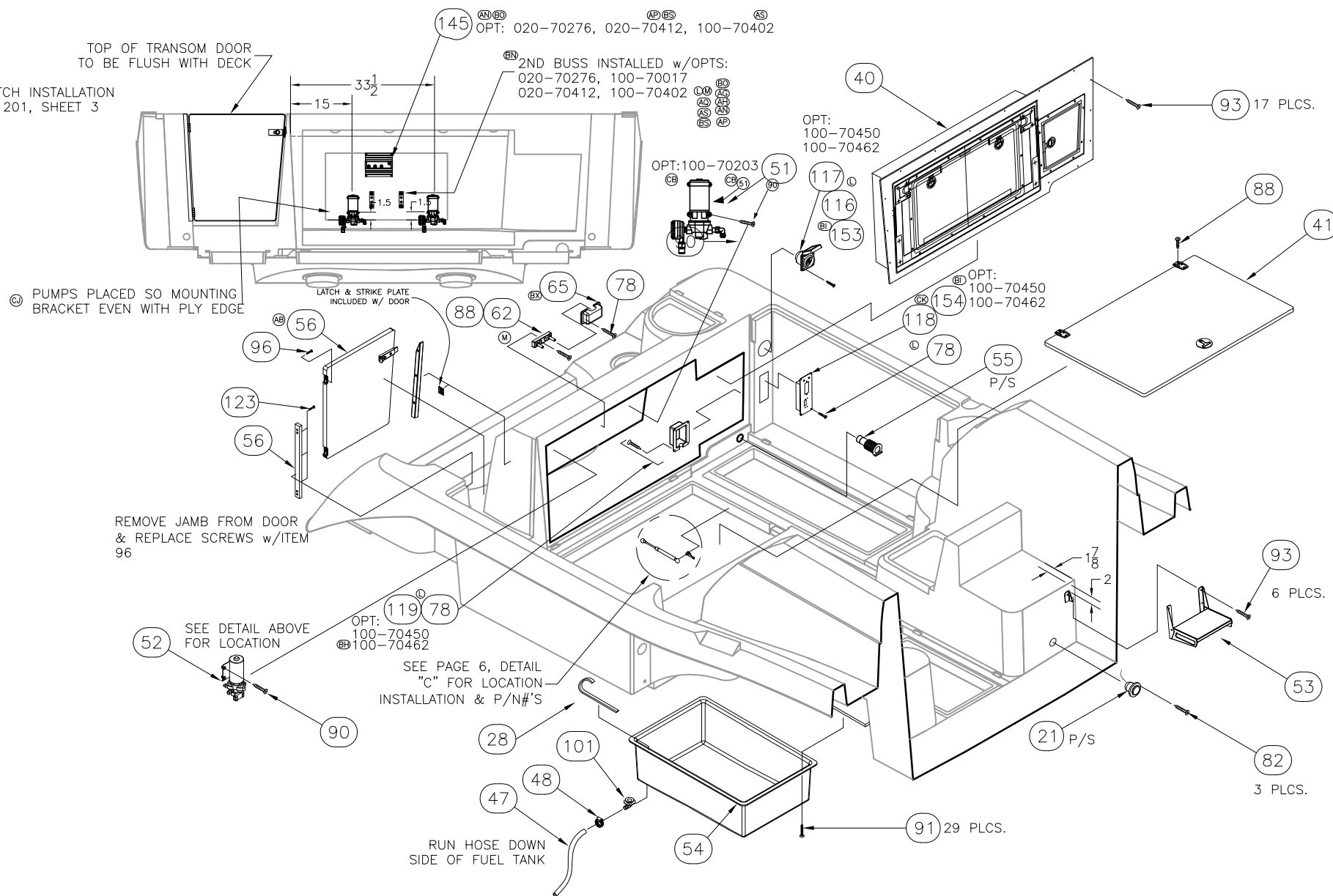


(AE)
(AL)
(BK)

(AL) *2ND J-BOX
(EO) W/OPT:
(EN) 020-70276
(AP) 100-70017
(ES) 020-70412
(AS) 100-70402



NOTE:
FOR MAGNETIC LATCH INSTALLATION
REFER TO DWG 11201, SHEET 3

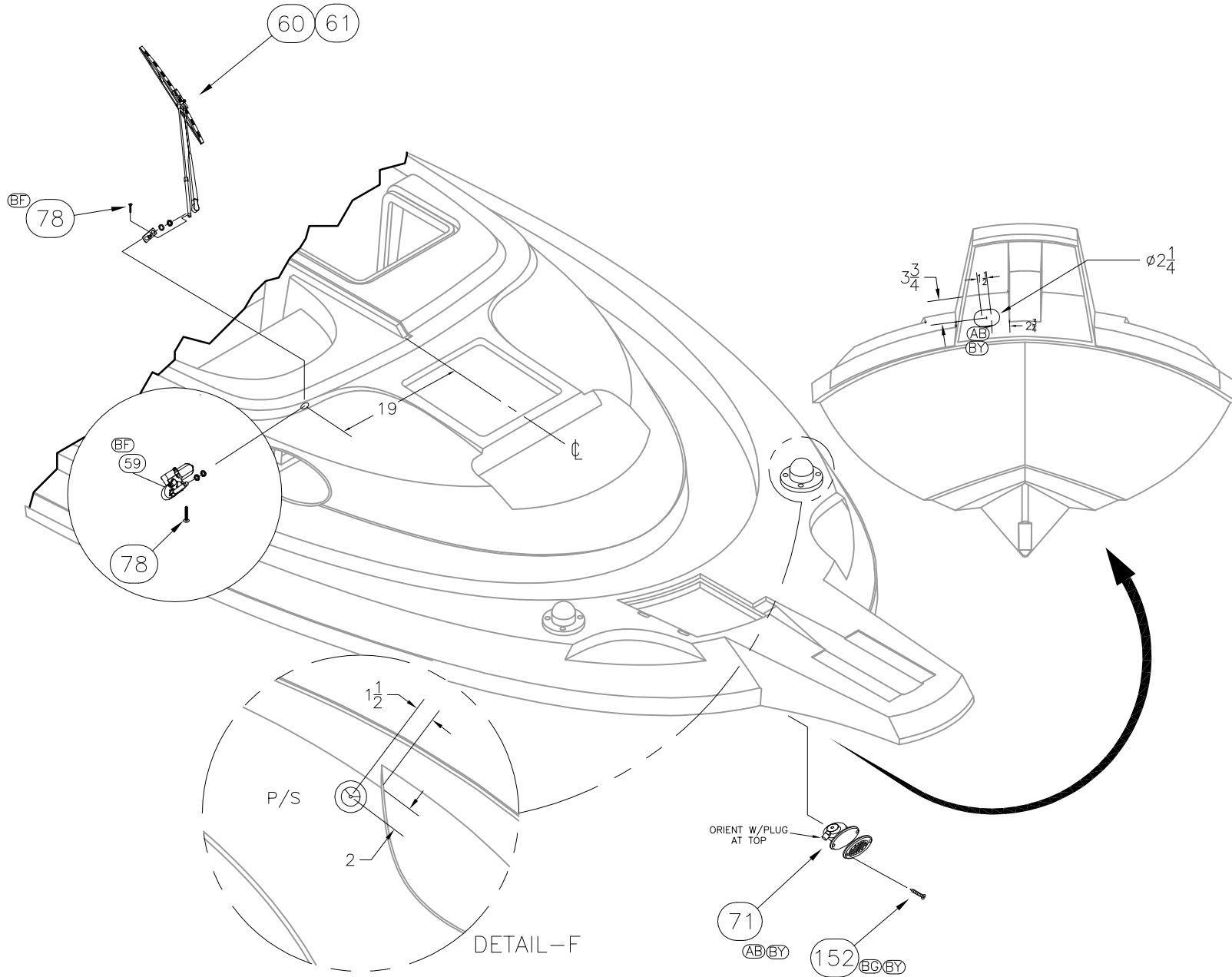


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DWG. NO:
06202

REV.
CN

CURRENT ECD
11067819



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: 05/23/01 SCALE: NONE
 DWG. TITLE: Deck Outfit and Equipment Locations

BOAT MODEL
255CQ
 INIT. REL. ECN NO:
2276

MOLD NO.
 DWG. NO:
06202

SHT. NO.
8 of 10

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DWG. NO: 06202

REV. CN

CURRENT ECD 11067819

Parts List					
ITEM	QTY	U/M	DESCRIPTION	B.W.I.	NO.
CA	1	EA.	DECK PLATE, WATER CHR W/VENT 45DEG NECK	1971020	
	2	EA.	ACC PART, MERC OIL FILL KIT (DECK)	0733105	
AD	3	EA.	ROD HOLDER, FLUSH MNT SS W/BW-05 LOGO	1799571	
	4	EA.	CLEAT, 8" SS HVY DUTY HOLLOW BASE	1027010	
	5	EA.	PLATE, DECK ACCESS 6" PRY-OUT SAND	1447432	
	6	EA.	LADDER, SWIM 3-STEP TELESCOP w/10"	1589696	
L	7	EA.	COVER, HDPE BW255/275CQ-03 LIVEWELL SEAFM	1727038	
	8	EA.	WASHDOWN/SPRAYER, BERT MNT WHT w/BW	1612928	
	9	EA.	BOOT, CABLE RING 3" BLK	1043330	
	10	EA.	BOOT, CABLE 3" BLK	1043223	
	11	EA.	GROMMET, CABLE BOOT 3" BLK	1574839	
	12	EA.	BOX, ABS BW-97 FIRE EXT LONG WHT	1037480	
	13	EA.	ACCESS PLATE, POLYPROP TWIST-OUT 5"	1016153	
CA	14	EA.	DECK PLATE, GAS CHR W/VENT STRAIGHT NECK	1971016	
AW	15	EA.	ROD HOLDER, PLAS BW255CQ-03 BLK W/WHT TRIM	1733755	
U	16	EA.	DECK PLATE, WASTE CHR STRAIGHT NCK N/CLR CODE	1971021	
	17	EA.	TRIM RING, 1" ID x 1 7/8" OD WHT	1642446	
	18	EA.	RAIL, GRAB BW255CQ-02 TOE SS	1618529	
	19	EA.	LID, HDPE BW255CQ-02 AFT SEAT PORT	1635564	
	20	EA.	RAIL, GRAB BW255CQ-02 11.25"X 1" SS	1658343	
C	21	EA.	LIGHT, OVERHEAD FLUSH MNT WATERTIGHT RND WHT	2022732	
H	22	EA.	DAVIT, ANCHOR W/ROLLER SS BW255CQ-02	1688754	
	23	EA.	HATCH, DECK 19.25 x 19.25	1028208	
	24	EA.	SCREEN, DECK HATCH 18 x 18	1028224	
	25	EA.	TRIM RING, HATCH 1/4" LIP	1028232	
BH	26	EA.	PORTLIGHT, ELLIPSE 6"X 16" SS N/TRIM RING	1849989	
BF	27	EA.	TRIM RING, PORTLIGHT 6"X 16" THIN SS	1849991	
BB	28	FT.	PORTLIGHT, GASKET 3/8" SATURATED FOAM	1615194	
	29	EA.	DOOR, HDPE/PLEX COMPANIONWAY	1609809	
	30	EA.	RAIL, BOW BW255CQ-02 w/PULPIT	1618511	
	31	PR	LIGHT, NAV SURF HORIZ MT CHR	0996496	
L	32	EA.	SEAT, HELM BW-02 LADDERBACK W/CUSH	1688699	
	33	EA.	PEDESTAL, ALUM 12" FLUTED MILLENNIUM	1611672	
	34	EA.	CONSOLE, SUB-ASSY	09-201	
	35	EA.	GUNNEL, SUB-ASSY	09-226	
	36	EA.	FUEL TANK COVER SUB-ASSY	09-301	
	37	EA.	FISHWELL COVER SUB-ASSY	09-401	
	38	EA.	ANCHOR COVER SUB-ASSY	09-402	
	39	EA.	SWIM LADER COVER SUB-ASSY	09-403	
	40	EA.	STERN SEAT SUB-ASSY	09-404	
	41	EA.	BATTERY ACCESS COVER SUB-ASSY	09-405	
	42	EA.	DRY STORAGE COVER SUB-ASSY	09-406	
	43	EA.	POCKET, PORT SUB-ASSY	09-407	
	44	EA.	POCKET, STBD SUB-ASSY	09-408	
	45	EA.	LID, HDPE BW255CQ-02 AFT SEAT STBD	1635614	
	46	EA.	DRAIN, HATCH 3/4" BARB w/NUT 90DEG WHT	1058841	
	47	FT	HOSE, GEN PURPOSE 3/4"	0123810	
	48	EA.	CLAMP, HOSE #06M 5/16"-7/8" SS MIN	0123398	
BE	49	EA.	SCREW, TAPPING #8A X 5/8" PPH SC	1010677	
L	50	EA.	ROD HOLDER, HDPE BW255CQ-03 UNDER GUNL P&S	1727525	
CB	51	EA.	PUMP, WASHDOWN 4.0GPM W/DEUTSCH	1938910	
CB	52	EA.	PUMP, FRESH WTR 3.5GPM W/DEUTSCH	1945201	
AB	53	EA.	FOOTREST, HDPE BW255CQ-05 W/BRKTS	1772391	
	54	EA.	COOLER, BW255CQ-02 W/INSUL	1618503	
G	55	EA.	THRU-HULL, PLAS 1.5" L-FLANG W/BARB/NUT WHT	1072826	
AB	56	EA.	DOOR, HDPE BW255CQ-05 TRNSM	1778707	
	57	EA.	RAIL, GRAB BW230CQ-97 W/O STUD	1011675	
	58	EA.	STRG BKT, AFT SEAT PORT BW255CQ-02	1618495	
BF	59	EA.	WIPER MOTOR, WTRPRF 80DEG 2.5"SHAFT REV PARK	1176841	
	60	EA.	WIPER BLADE, 14" SS CURVED	1019967	
	61	EA.	WIPER ARM, 12"-17" SS PANTOGRAPH	1019959	
M	62	EA.	BUSS BAR, TERM POST 2 5/16 STUDS (ANL FUSE)	1717497	
BT	63	EA.	NUT, HEX #5/8-24 BRASS	1751374	
	64	EA.	GROMMET, VENT HOSE 3" BLK	1580810	
EX	65	EA.	COVER, BW 05 TERM POST 5/16 STUDS	1794323	
M	66	EA.	CYLINDER, GAS SS 60PSI 20" EXT x 12" C	1385038	
AT	67	EA.	CYLINDER, GAS SS 30PSI 10" EXT x 7"	1755819	
AB	68	EA.	BRACKET, LIFT CYL SS OFFSET w/STUD	0995084	
AT	69	EA.	BRACKET, SS LIFT CYL 90DEG 0.70" W/STUD RT	0817676	
L	70	EA.	ROD HOLDER, HDPE BW255CQ-03 UNDER GUNL P&S	1727525	
BY	71	EA.	HORN, SGL CONCEALED W/SS GRILL/CONN	1837054	
BY	72	EA.	HORN, GRILL SGL SS OVERLAY SERIES 04400-1	1781252	
L	73	EA.	FITTING, RAW WTR OUTLET SS	1718983	
	74	EA.	SCREW, TAPPING #8A X 5/8" POH SC	1213354	
	75	EA.	SCREW, TAPPING #8A X 3/4" PPH SC	1008408	
	76	EA.	SCREW, TAPPING #8A X 1/2" PPH SC	1008390	
EG	77	EA.	SCREW, TAPPING #8A X 1" POH SC	1213065	
AT	78	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925	
BF	79	EA.	SCREW, TAPPING #8A X 3/4" POH SC	1213057	
AF	80	EA.	SCREW, MACHINE #8-32 X 1" POH SC	1008481	
E	81	EA.	SCREW, TAPPING #4A X 1" PPH SC	1010636	
BH	82	EA.	SCREW, TAPPING #6A X 1/2" PPH SC	1010362	

MOLD NO.

BOAT MODEL 255CQ

SCALE: NONE

DATE: 05/23/01

DRAWN: R. CRAVEN

DWG. TITLE: Deck Outfit and Equipment Locations

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



SHT. NO. 9 of 10

DWG. NO. 06202

INIT. REL. ECN NO. 2276

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DWG. NO:
06202

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CURRENT ECO
11067819

	83	24	EA.	SCREW, TAPPING #6A X 3/4" POH SC	1008564
Ⓞ	84	36	EA.	SCREW, MACHINE #1/4-20 X 1.25" PFH SC	1213289
Ⓥ	85	46	EA.	SCREW, MACHINE #1/4-20 X 1" PPH SC	1008580
	86	3	EA.	SCREW, MACHINE #1/4-20 X 1.75" POH SC	0133744
	87	8	EA.	SCREW, MACHINE #1/4-20 X 1" POH SC	1213198
ⓁⓐⓌ	88	50	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507
ⓐⓍ	89	4	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786
Ⓜ	90	14	EA.	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
ⓈⓃ	91	62	EA.	SCREW, TAPPING #10A X 3/4" PTH SC	1008762
	92	6	EA.	SCREW, TAPPING #10A X 2.5" POH SC	1008531
ⓐⓁⓐⓑ	93	43	EA.	SCREW, TAPPING #10A X 1" PTH SC	1008739
Ⓢ	94	7	EA.	SCREW, TAPPING #6A X 3/4" PTH SC	1010917
ⓐⓌ	95	2	EA.	SCREW, MACHINE #10-24 X 1.5" POH SC	1305788
	96	4	EA.	SCREW, TAPPING #8A X 1.75" PFH SC	1334895
ⓐⓌ	97	1	EA.	WASHER, FLAT #10 SC	1260751
ⓀⓀ	98	7	EA.	WASHER, FLAT #1/4" SC	1260769
ⓐⓌ	99	1	EA.	NUT, HEX NYLON LOCK #10-24 SC	1007772
	100	1	EA.	THRU-HULL, PLAS 3/4"X 4.5" STRAIGHT WHT	1639905
	101	1	EA.	THRU-HULL, PLAS 3/4"X 90DEG WHT	1599026
	102	1	EA.	DOOR, PLAS BW260CCQ-00 11"x 15" MARINE WHT	1451707
	103	1	EA.	CHAFE PLT, BW255CQ-02 ANCHOR BOW PULPIT	1645696
ⓎⓌ	104	1	EA.	ADAPTER, SEATECH STRAIGHT 1/2"MPT-15MM	1542919
	105	1	EA.	THRESHOLD, SS BW255CQ-02 COMPANIONWAY	1661719
ⓎⓁ	106	1	EA.	COUPLING, ACETAL 1/2"MPT X 1/2"NPT	1021005
ⓎⓁ	107	1	EA.	FITTING, NEPT 1/2" FEM SWVL BLK	1453984
Ⓦ	108	2	EA.	BOX, PLAS BW-04 TACKLE 2-DRWR WHT	1761591
Ⓚ	109	1	EA.	SCREW, MACHINE #1/4-20 X 1.75" PFH SC	1007889
ⓐⓀ	110	4	EA.	TIE, CLIP BLK	1031764
ⓕ	111	.3	EA.	TRACK, PVC RIGID 10' WHT	1617398
ⓕ	112	8	EA.	SCREW, TAPPING #6A X 1/2" PPH SC	1213081
ⓐ	113	2	EA.	SEAT, HELM BW-02 LADDER BACK w/CUSH	1688699
Ⓚ	114	4	EA.	NUT, HEX NYLON LOCK #5/16-18 SC	1007814
Ⓚ	115	4	EA.	WASHER, FLAT #5/16" SC	1260785
ⓐⓁ	116	4	EA.	SCREW, TAPPING #8A X 1.25" PTH SC	1130053
	117	1	EA.	INLET, SHORE POWER 125V/30A	1039213
ⓀⓀ	118	1	EA.	PANEL, SHRPWR 120V 15A W/ELCI	2028331
	119	1	EA.	BOX, ABS BW-02 SHORE PWR PNL BACK	2037390
ⓀⓀⓐⓁ	120	3	EA.	CYLINDER, GAS SS 80PSI 20"-12" ATTWOOD	1950128
ⓐⓀ	121	2	EA.	ACC PART, MERC S/CRFT JUNC BOX 4-WAY	1507326
ⓐⓁ	122	1	EA.	ACC PART, MERC S/CRFT JUNC BOX 6-WAY	1662444
	123	2	EA.	SCREW, TAPPING #10 X 1.5" POH SC	1008515
ⓁⓐⓌ	124	1	EA.	WINDLASS, RP/CHN MARLINI LO-PRO 12V 700W	1727011
ⓀⓀ	125	1	EA.	ROPE/CHAIN KIT, QUICK 1/2"X200'/7MMX15'	1960901
	126	1	EA.	LANYARD, CABLE ANCHOR 3/16" SS	1104595
ⓀⓀ	127	1	EA.	ANCHOR HDWR, SS SWIVEL 1/4"-5/16"	2075367
ⓐⓁ	128	1	EA.	HOOK, SNAP 1/4"X 2 1/2" SS	1794348
	129	1	EA.	ANCHOR, 25LB PLOW	1733352
ⓁⓐⓌ	130	1	EA.	WINDLASS, REMOTE CNTRL HRC 1002	1883923
ⓁⓐⓌ	131	1	EA.	HOLDER, ABS BW255CQ-06 WNDLS REMOTE	1802836
	132	1	EA.	EYE, BOW 3/8"X 2.75"	0697508
	133	2	EA.	NUT, HEX NYLON LOCK #3/8-16 SC	1007798
ⓀⓀ	134	1	EA.	STEREO, CLARION AM/FM CD/SIR/XM SAT CMD6	1970760
Ⓢ	135	1	EA.	ANTENNA LEAD, STEREO SOFT WIRE 30"	0875484
Ⓥ	136	6	EA.	SCREW, MACHINE #1/4-20 X 1" PFH SC	1009950
ⓁⓐⓌ	137	2	EA.	HOLDER, HDPE BW-07 ANCHOR WNDLS HANDLE 700W	1877847
ⓐⓁ	138	2	EA.	STEERING, BLKHD 3/4" FITTING MALE TO MALE	1773917
ⓐⓁ	139	1	EA.	FLANGE, RIGGING BOOT 2" BLK	1818344
ⓐⓀ	140	4	EA.	TIE, CABLE 11" MED NYLON-BLK	0157321
ⓐⓎ	141	1	EA.	ACC PART, MERC SGL CNSL CMM KIT GEN I	1849606
ⓐⓁ	142	1	EA.	DOOR, PLAS 7"X 14" MARINE WHT	1799731
ⓐⓁ	143	2	EA.	BRACKET, SS LIFT CYL 90DEG 1"W/STUD	1688166
ⓐⓁ	144	1	EA.	ACC PART, MERC DUAL CNSL CMM KIT GEN I	1849607
ⓐⓃ	145	1	EA.	ACC PART, MERC AUTO PWR SW	1777516
ⓁⓐⓌ	146	4	EA.	FRAME, BW-08 EDGE GUARD SS	1887724
ⓐⓌ	147	1	EA.	DECK PLATE, GAS CHR W/VENT (SHIM ONLY)	1098615
ⓁⓐⓌ	148	2	EA.	SCREW, TAPPING #10A X 2.5" PTH SC	1760271
ⓁⓐⓌ	149	2	EA.	ACC PART, MERC JUNC BOX SPACER	1851824
ⓁⓐⓌ	150	7	FT.	PORTLIGHT, GASKET 1/8" CLEAR ACRY TAPE	1837658
ⓁⓐⓌ	151	1	EA.	BRACKET, BW-07 LATCH STRIKE W/BEND SS	1873367
ⓁⓐⓌ	152	2	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507
ⓁⓐⓌ	153	1	EA.	INLET, SHORE POWER WHT 220V/50H 16A	206276
ⓁⓐⓌ	154	1	EA.	PANEL, BW-03 SHORE PWR 220V/50HZ	1745320
ⓁⓐⓌ	155	2	EA.	SCREEN, PORTLIGHT ELLIPSE 6"X 16"SS	1849987
ⓁⓐⓌ	156	1	EA.	WINDLASS, RP/CHN ASTER 700W 12V 1/4" GYPSY	1883924
ⓁⓐⓌ	157	1	EA.	CHAIN LINK, 1/4"X 2-1/4"	1903830
ⓀⓀ	158	1	EA.	CHAIN KIT, QUICK 1/8"X150' 8MM	2062889
ⓀⓀ	159	1	EA.	ANCHOR SHACKLE, JAW/JAW SWVL SS 5/16"QUICK	1980750

MOLD NO.

BOAT MODEL
255CQ

SCALE: NONE

DATE: 05/23/01

DRAWN: R. CRAVEN

DWG. TITLE:
Deck Outfit and Equipment Locations

INIT. REL. ECN NO:
2276

DWG. NO:
06202

SHT. NO.
10 of 10

DO NOT SCALE DRAWING

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DWG. NO:
09406

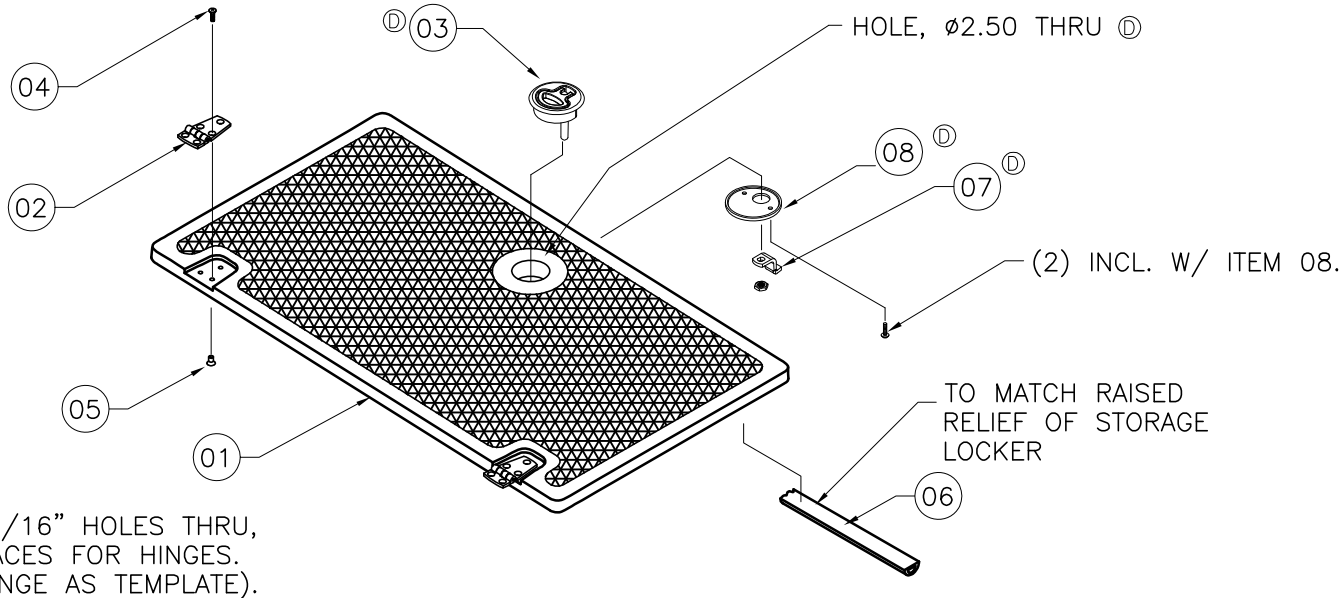
REV.
E

CURRENT ECD
051007

NOTES:

1. ALL FASTENERS & LATCHES SHALL BE SEALED USING WHITE SILICONE SEALANT AT TIME OF INSTALLATION. THIS SHALL INCLUDE BBL NUTS AFTER INSTALLATION
2. REF. DWG. 05120 FOR LAMINATION DETAILS.
3. REF. DWG. 16120 FOR TRIM & GRIND DETAILS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	ADDED ITEM #6, GASKET	RC	08/24/01	ZAC	01-08-40
B	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	ZAC	03-03-17
C	#6 WAS 1232156	HJR	06/01/04	SH	04-01-48
D	MYE '06: #1 WAS 22-K052-00; #3 WAS 1480813; HOLE DIA. WAS 1-1/16"; ADDED #7 & #8	MRZ	04/21/05	MG	05-04-01
E	ADDED SHEET 2; ADDED ITEM #'S 09 & 10.	SL	12/12/05	ME	051007




DRILL 3/16" HOLES THRU,
(6) PLACES FOR HINGES.
(USE HINGE AS TEMPLATE).

PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
Ⓚ 01	1	EA.	FIBERGLASS PART, DRY STORAGE LOCKER COVER	22-K242-00
02	2	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
Ⓚ 03	1	EA.	LATCH, COMPRESSION 2.5"N/LOCKING SS	1781446
04	6	EA.	SCREW, MACHINE #10-24 x 3/4" POH	1008440
05	6	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
Ⓒ 06	7	FT.	TRIM-SEAL, #X1568HT 3/4"X 1/16" SELF-ADH BLK	1769583
Ⓚ 07	1	EA.	CATCH, PAWL 2.5"OFFSET MEDIUM SS	1781463
Ⓚ 08	1	EA.	PLATE, SHALLOW 2.5"W/1/16" LIP HDWR PKG SS	1793455
Ⓔ 09	1	EA.	BRACKET, SS LIFT CYL 90DEG 1"W/STUD	1688166
Ⓔ 10	2	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925

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

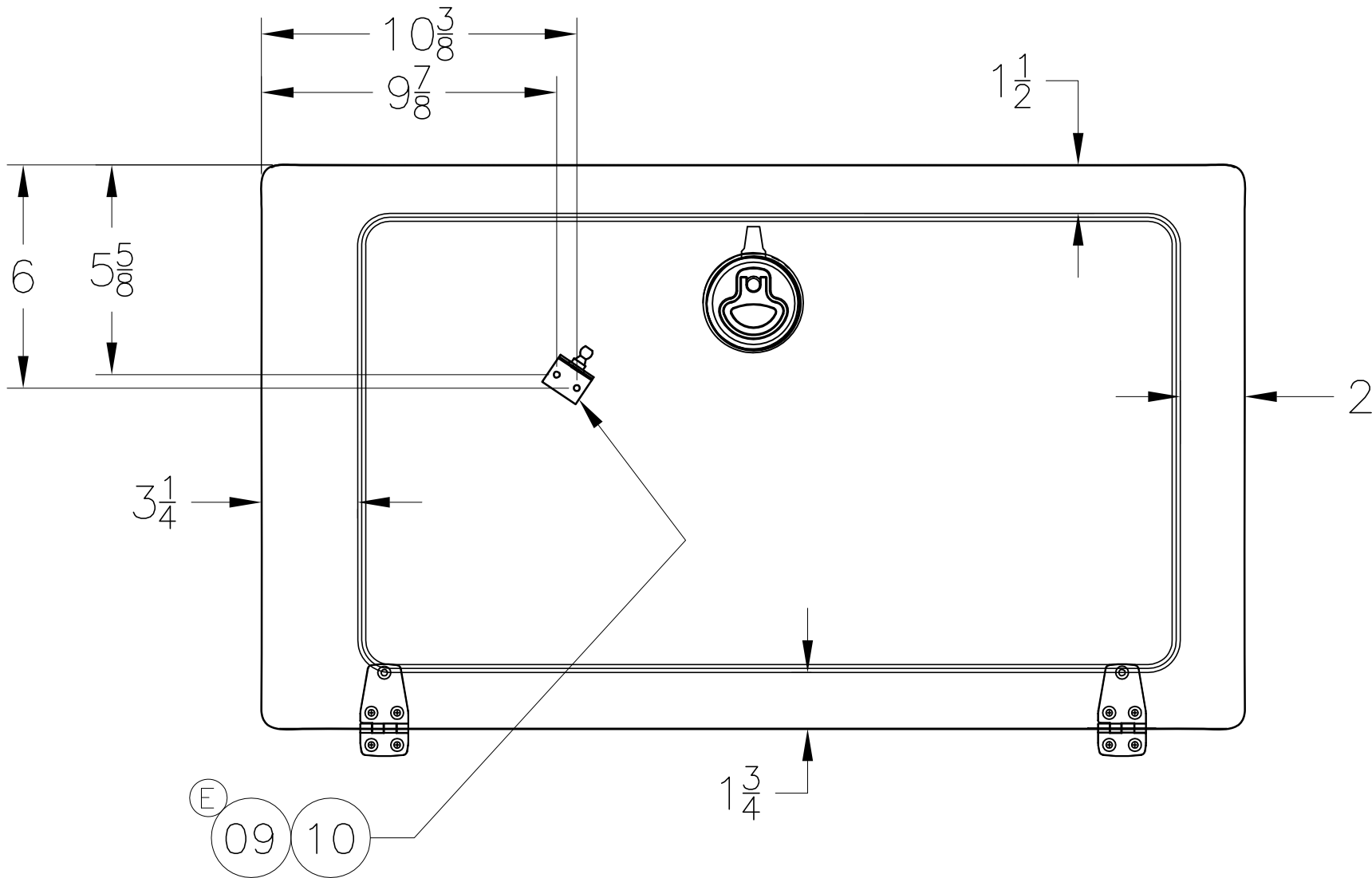
 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 04/26/01	DRAWN: R DURHAM	DATE: 042501	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: H. WOOD	DATE: 04/26/01	DWG. TITLE:			255CQ	22K24200	
	DESIGN: L. SCHOLZ	DATE: 04/26/01	DRY STORAGE LOCKER COVER SUB ASSEMBLY			INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
	INT. ENG:	DATE:				2276	09406	1 of 2

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DWG. NO:
09406

REV.
E

CURRENT ECD
051007



BOTTOM VIEW



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R DURHAM DATE: 042501 SCALE: NONE

DWG. TITLE: DRY STORAGE LOCKER SUB ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.
22K24200

INIT. REL. ECN NO:
2276

DWG. NO:
09406

SHT. NO.
2 of 2

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DWG. NO:
07101

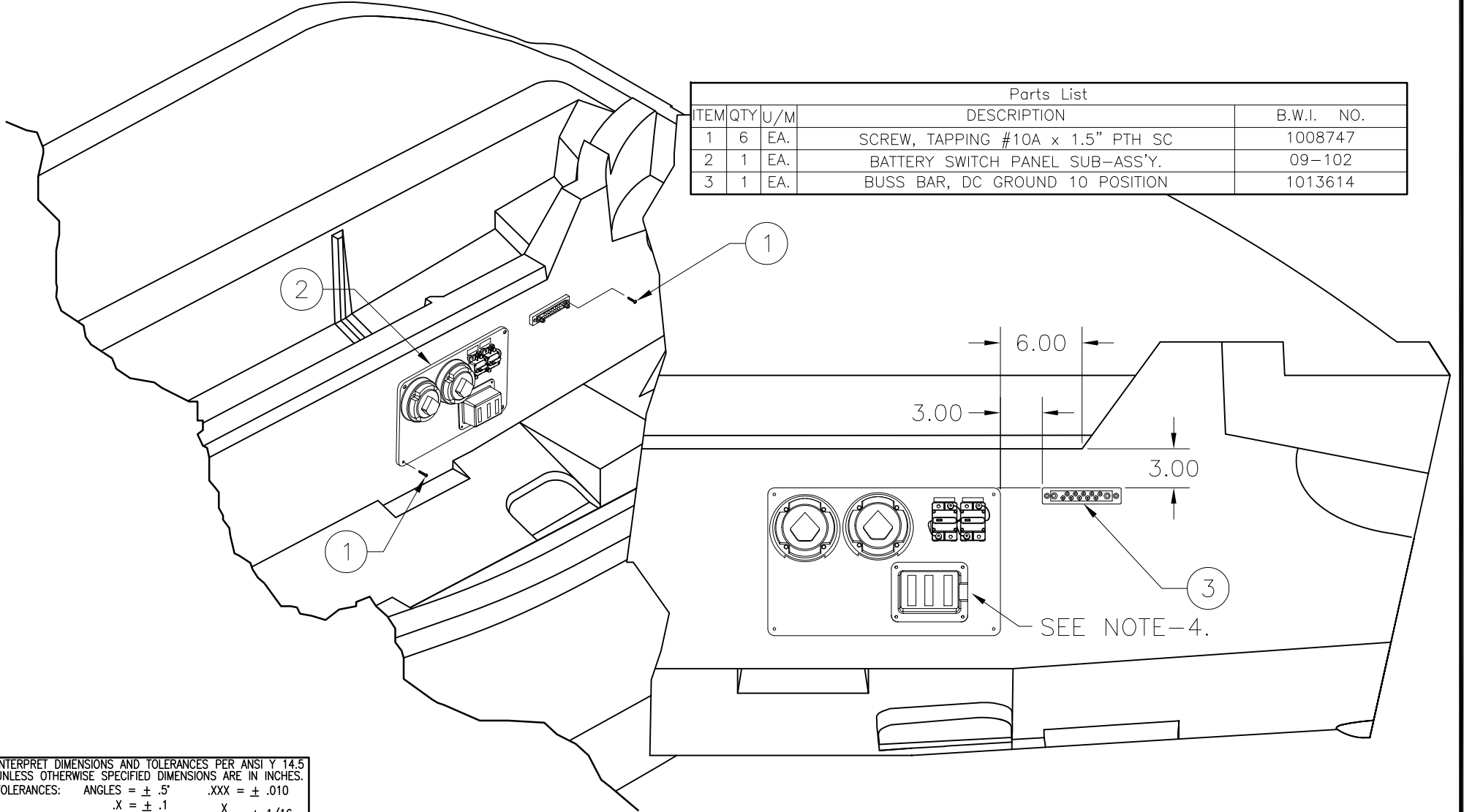
REV.
B

CURRENT ECD
060228

NOTES:


1. REFER TO DWG. 09-101 FOR BATTERY INSTALLATION.
1. REFER TO DWG. 09-102 FOR SWITCH/BRKR PANEL ASSEMBLY.
2. SEE DWG. 07-401 FOR WIRING DIAGRAM.
3. SEE DWG. 07-801 FOR HARNESS INSTALLATION DETAIL.
4. BREAKER BOX & HARNESS MUST BE SEALED USING BLACK SILICONE SEALANT.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
B	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228



Parts List					
ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.	
1	6	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747	
2	1	EA.	BATTERY SWITCH PANEL SUB-ASS'Y.	09-102	
3	1	EA.	BUSS BAR, DC GROUND 10 POSITION	1013614	

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/X = ± 1/16
 DO NOT SCALE DRAWING

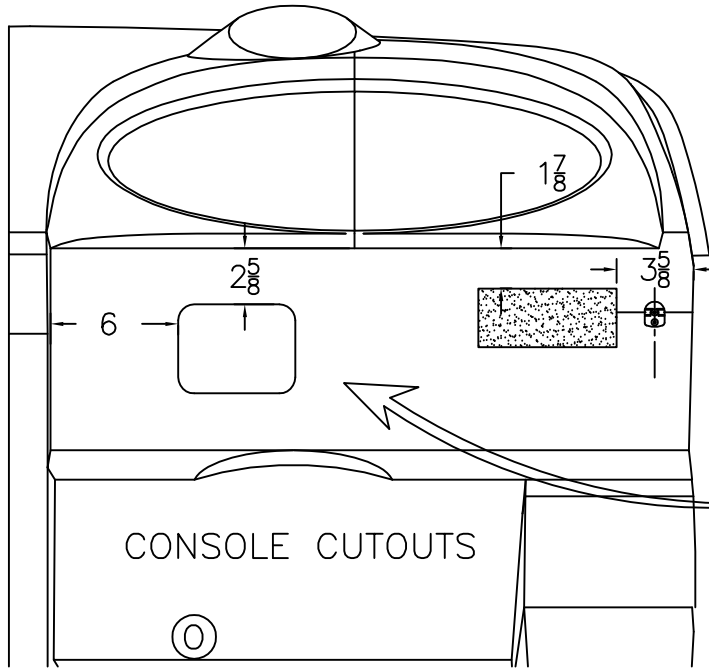
 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 05/15/01	DRAWN: R CRAVEN	DATE: 05/03/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. CLIFTON	DATE: 05/15/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 05/17/01	ELECTRICAL COMPONENT LOCATIONS			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: MG	DATE: 07/07/01				2276	07101

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DWG. NO: 08600
 REV. R
 CURRENT ECD 10056860

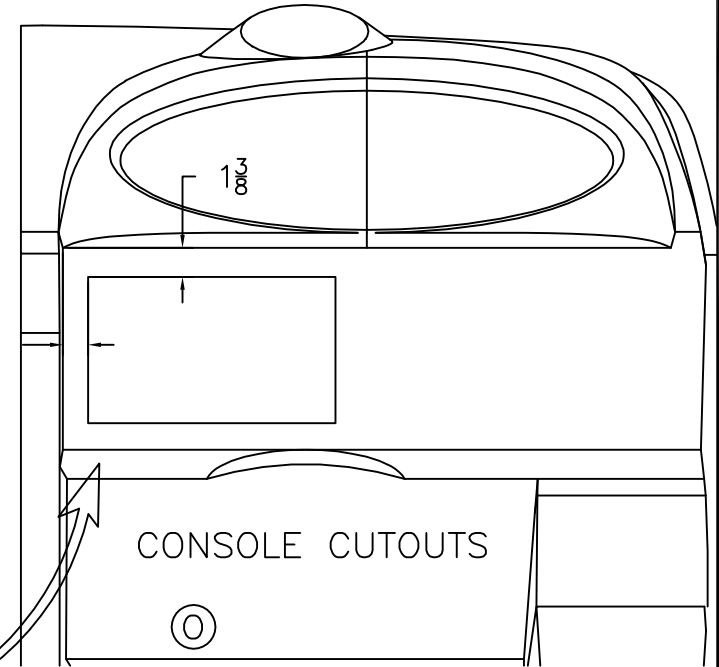
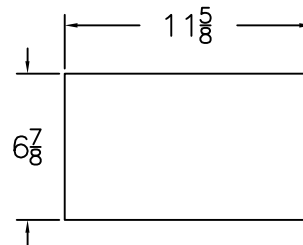
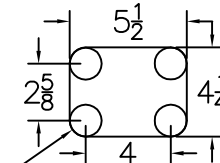
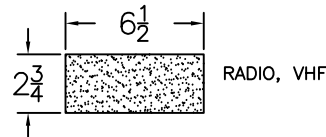
NOTES:
 1. SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
O	MYE '10' : REPLACE NORTHSTAR ELECTRONICS WITH RAYMARINE ADDED ITEM #47, SHEETS 3 & 5	SLJ	09/21/09	HW	09066055
P	DELETE OPTION 100-02469 & ITEM #4	SBL	03/11/10	HW	10026594
Q	ADDED ELEC OPT'S, SHEET 3; ITEM #18 WAS 88, SHEET 4; ITEM #35 P/N 1008044 WAS 1429703	SBL	04/27/10	ST	10036680
R	MYE "11" ITEM #22 WAS P/N# 1965766, ADDED ITEM #48, SHTS 4 & 5	SLJ	05/18/10	TCM	10056860



RAYMARINE
 OPT: 100-76094
 OPT: 100-02318

⓪ VHF RADIO
 OPT: 100-76094
 OPT: 100-76095
 OPT: 100-02318
 OPT: 100-02319



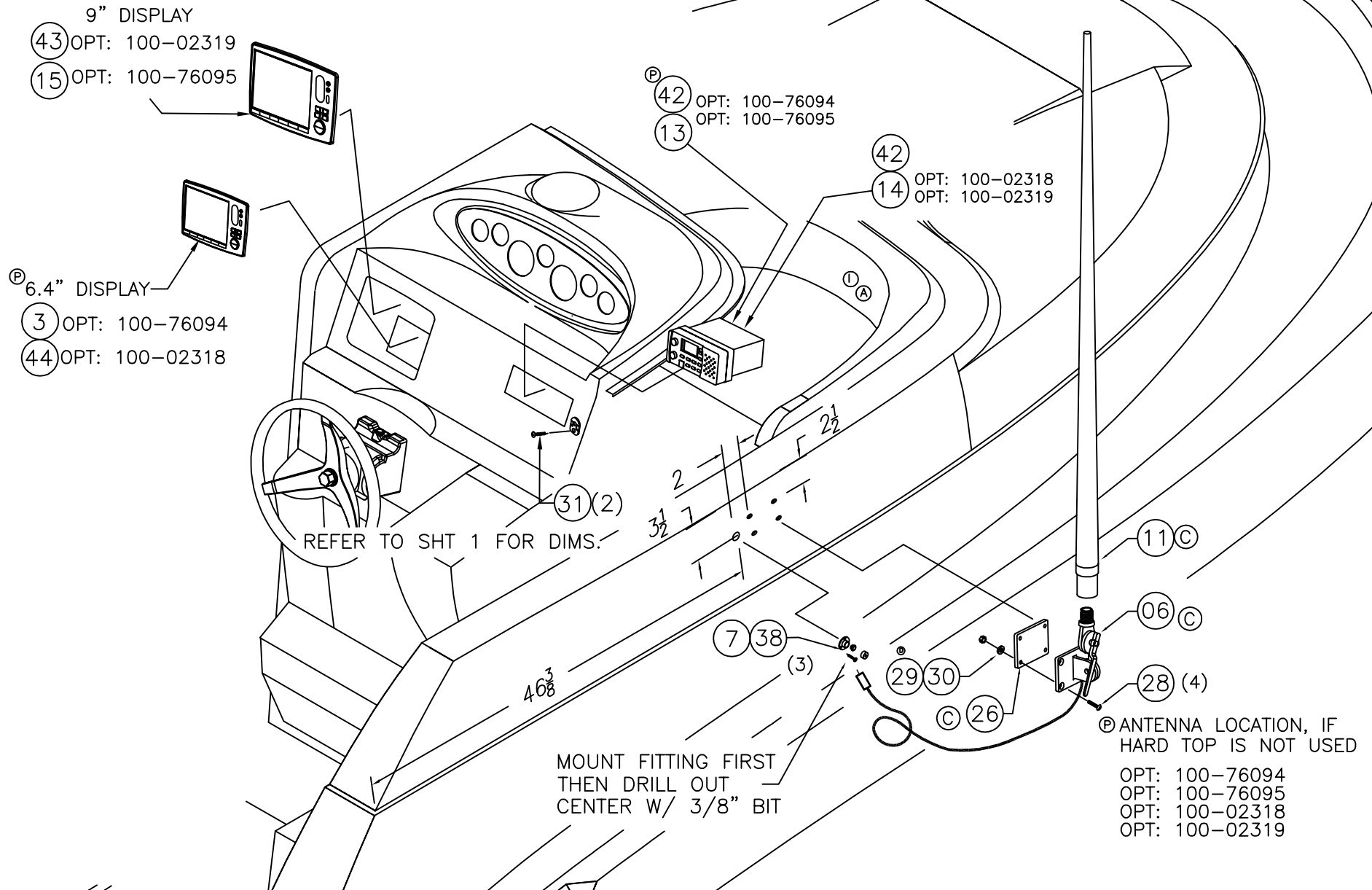
RAYMARINE
 OPT: 100-76095
 OPT: 100-02319

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: AD	DATE: 03/23/05	DRAWN: HAL READ	DATE: 02/14/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: KR	DATE: 03/15/05	DWG. TITLE:		255CQ		
DESIGN: VK	DATE: 03/15/03	ELECTRONICS PACKAGE		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: MG	DATE: 03/15/03			050242	08600	1 of 5

NOTES:



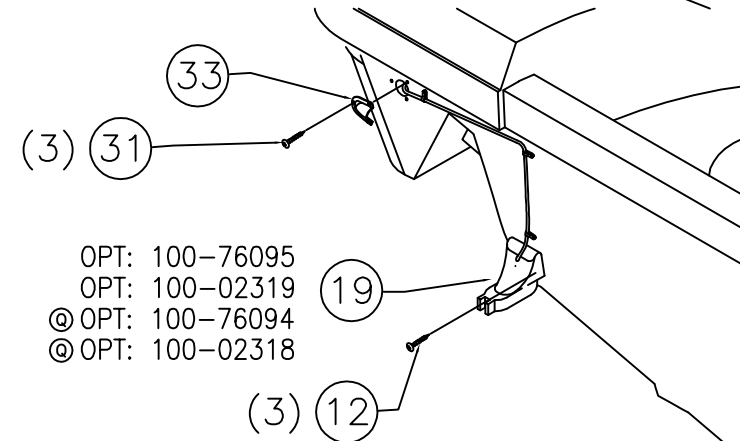
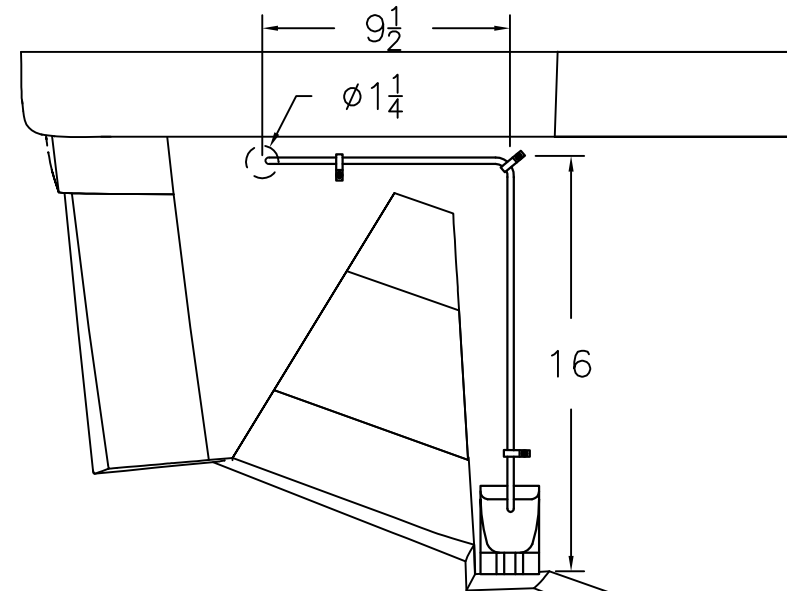
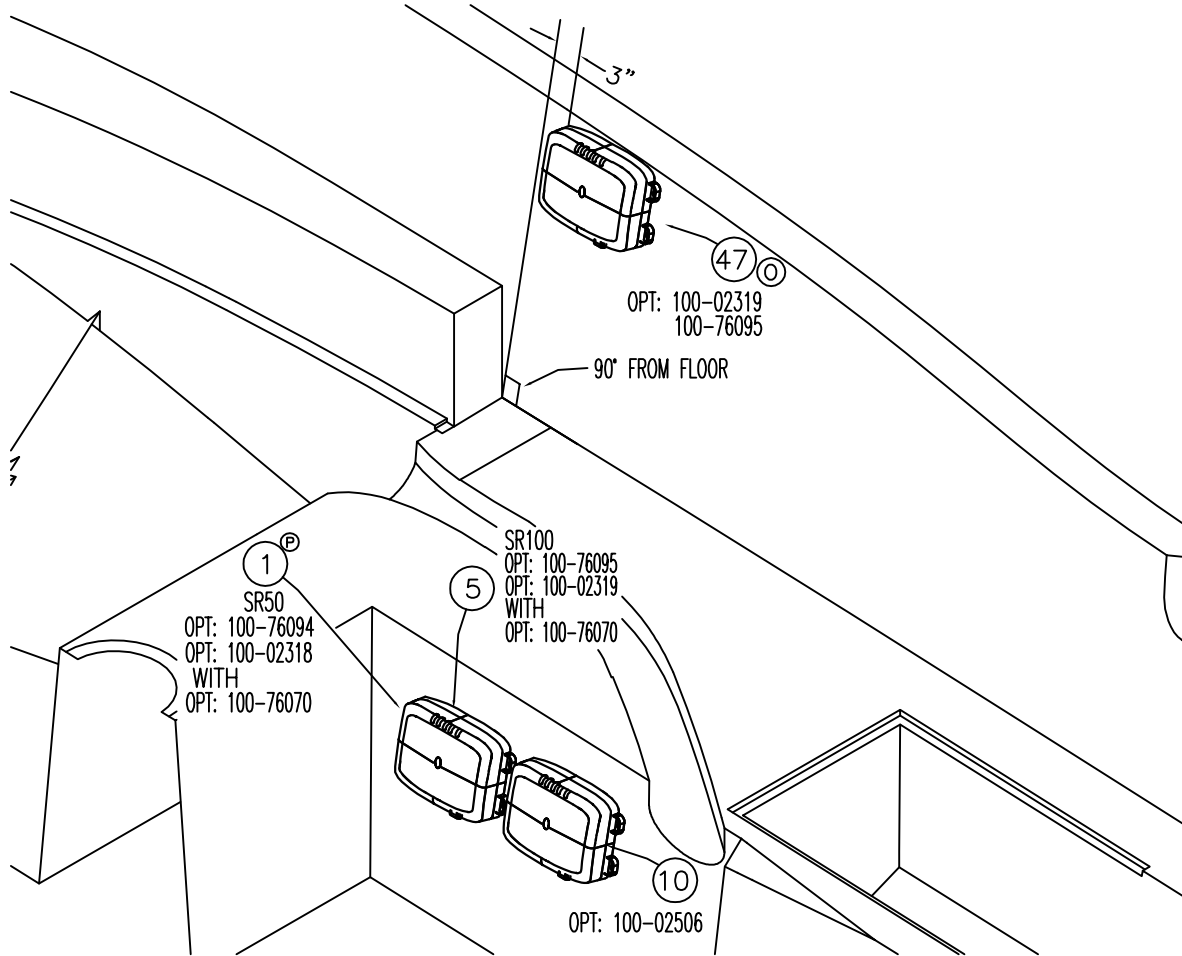
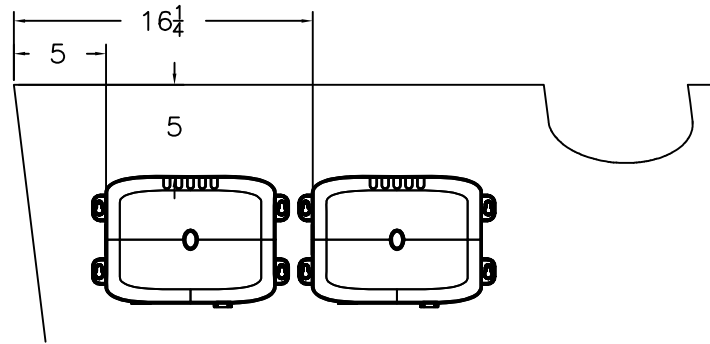
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DWG. NO:
08600

REV.
R

CURRENT ECD
10056860

NOTES:



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

DRAWN: HAL READ

DATE: 02/14/05

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

ELECTRONICS PACKAGE

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

050242

08600

3 OF 5

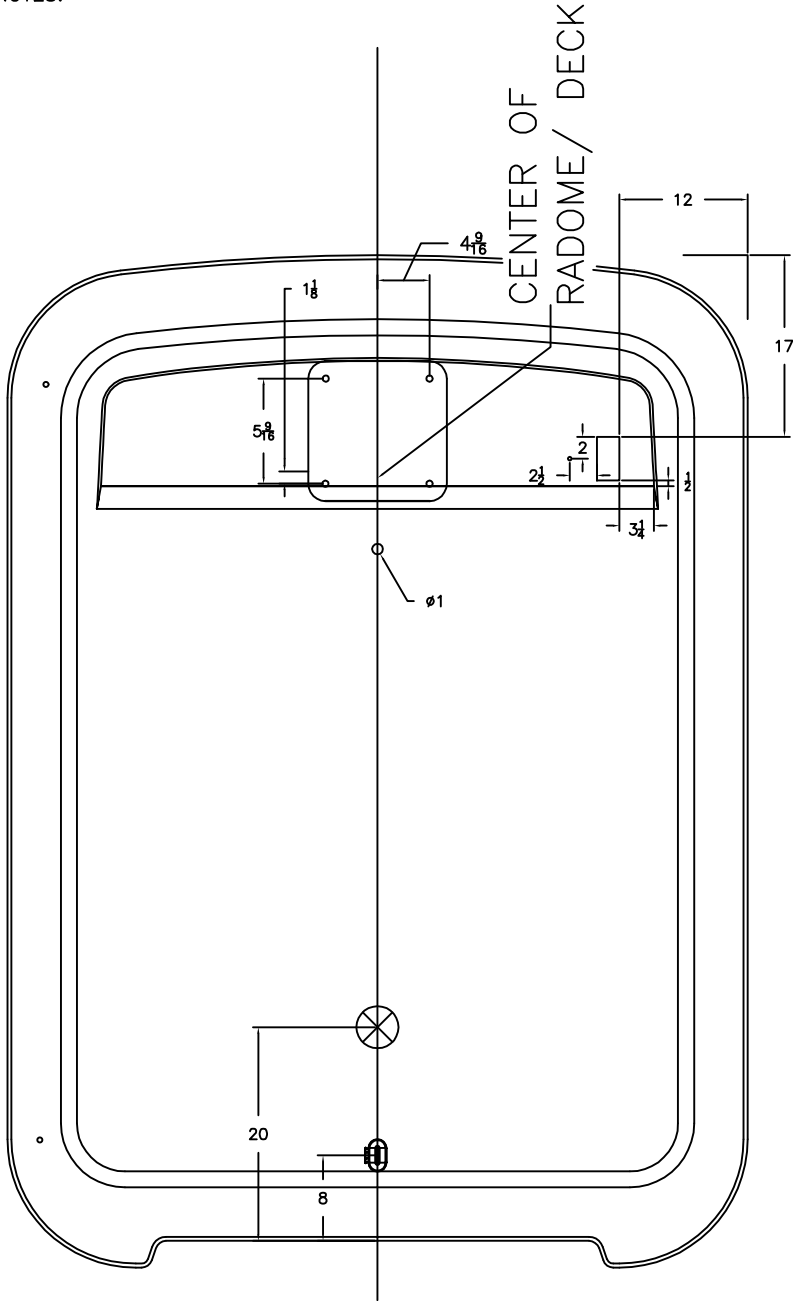
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DWG. NO:
08600

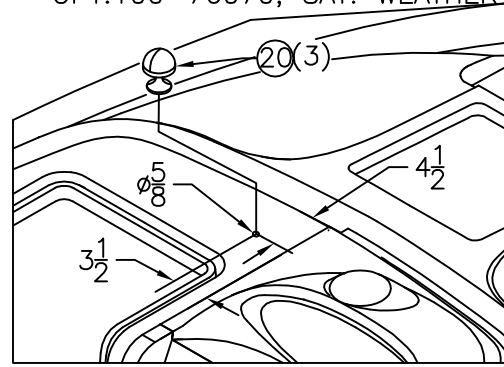
REV.
R

CURRENT ECD
10056860

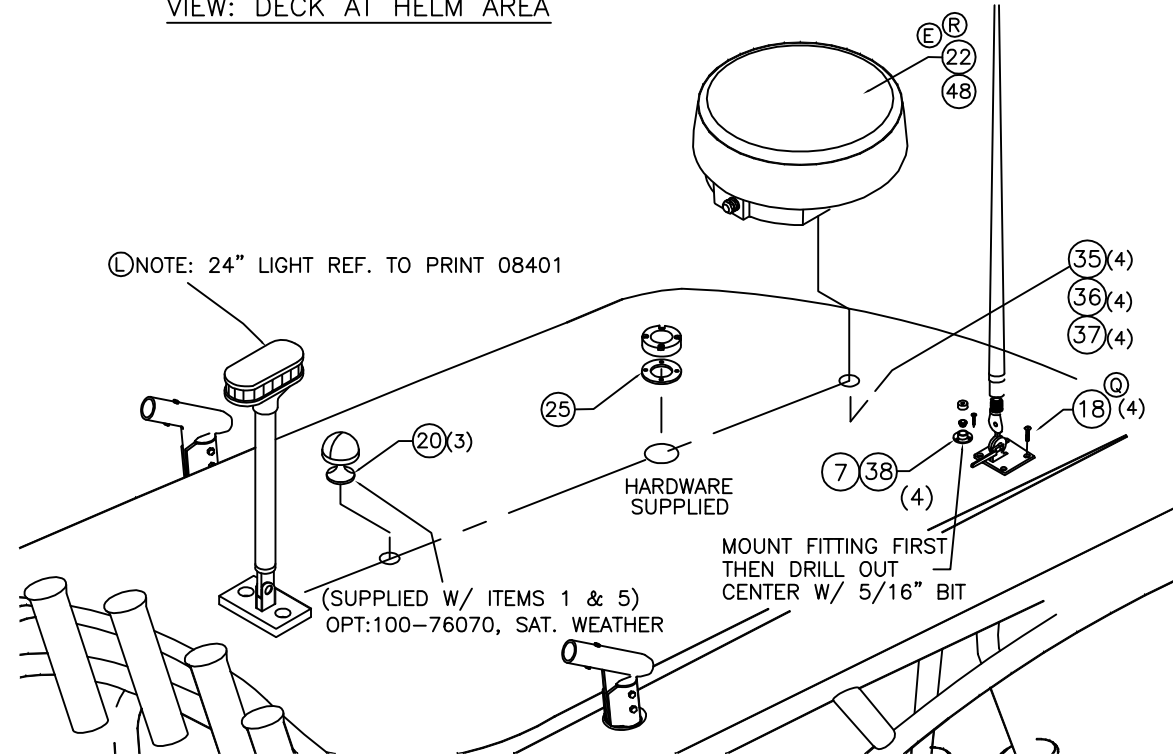
NOTES:



ANTENNA LOCATION
(W/O HARD TOP)
(SUPPLIED W/ ITEMS 1 & 5)
OPT:100-76070, SAT. WEATHER



VIEW: DECK AT HELM AREA



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: HAL READ

DATE: 02/14/05

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

255CQ

ELECTRONICS PACKAGE

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

050242

08600

4 OF 5

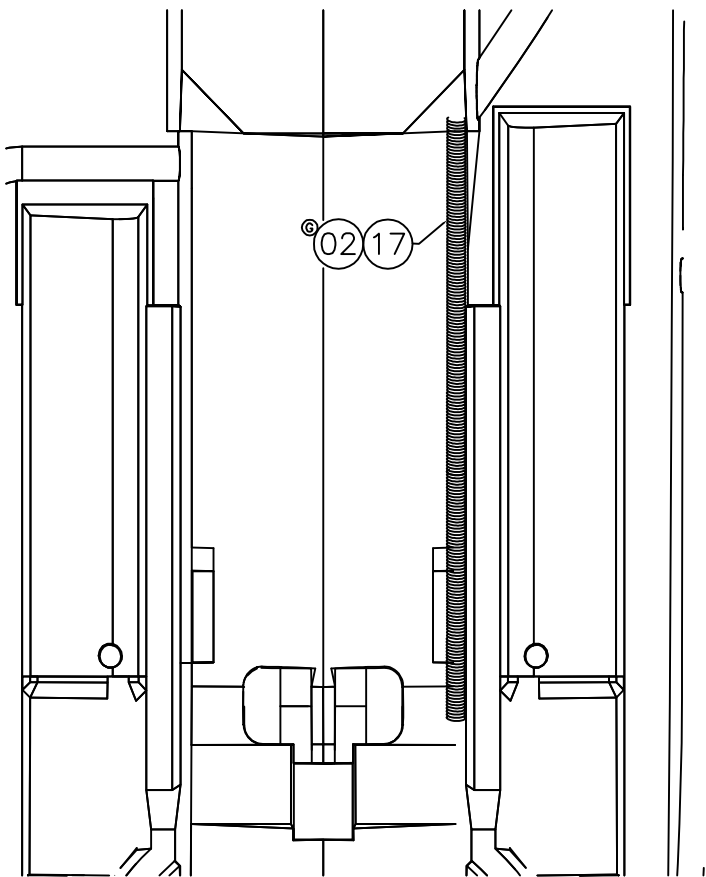
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DWG. NO:
08600

REV.
R

CURRENT ECD
10056860

NOTES:



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
Ⓞ 1	1	EA.	MODULE, SR50 SIRIUS WEATHER	1977746
2	15	FT.	HOSE, CONDUIT/UNSPLIT 1.5" FLAME RETARDANT	1817798 Ⓞ
3	1	EA.	CHART PLOTTER, A70D 6.4" FF-(US) COASTAL	1967294 Ⓞ
Ⓞ 4	1	EA.	CHART PLOTTER, A70D 6.4" FF-(US) INLAND	1974279 Ⓞ
Ⓞ 5	1	EA.	MODULE, SR100 SIRIUS WEATHER	1946747
6	1	EA.	MOUNT, RATCHET VHF 1815 SS QUICK-FIT	1792447 Ⓞ
7	1	EA.	FITTING, WATER TIGHT OUTLET FOR 5/16" CAB	0122853
Ⓞ 8	-	EA.	FUSE, BLADE TYPE CLOSED 3A	0520668 Ⓞ
Ⓞ 9	0	EA.	FUSE, BLADE TYPE ATC 1A	0706721
10	1	EA.	MODULE, RAYMARINE HS NETWORK SW	1803076
11	1	EA.	ANTENNA, VHF 1710 N/CBL MNT	1792452 Ⓞ
12	3	EA.	SCREW, TAPPING #10A X 2" PTH SC	1008754
Ⓞ 13	1	EA.	RADIO, VHF RAYTHEON RAY 55 GRY	1943950 Ⓞ
Ⓞ 14	1	EA.	RADIO, VHF RAYTHEON RAY 55E GRY	1968839 Ⓞ
Ⓞ 15	1	EA.	NAVIGATION DISPLAY, RAYMARINE C90W	1968057 Ⓞ
16	1	EA.	DEPTH SOUNDER, NRTHSTR 490-S ECHO SOUNDER	1779283 Ⓞ
17	20	FT.	CORD, NYLON 1/8" WHT	1033372
18	4	EA.	SCREW, TAPPING #14A X 1" PTH SC	1008366
Ⓞ 19	1	EA.	TRANSDUCER, 600WATT TRNSM MOUNT	1757029 Ⓞ
Ⓞ 20	3	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925 Ⓞ
Ⓞ 21	-	EA.	RADAR, NORTHSTAR HEADING SENSOR FOR 6000I	1784429
Ⓞ 22	1	EA.	RADAR, RD424HD 4KW HD DIGITAL DOME N/CABLE	2017573 Ⓞ
Ⓞ 23	-	FT.	WIRE, 14GA AWC BLK INSUL TIN/CPR	1000140
Ⓞ 24	-	EA.	RADAR, NRTHSTR BOX 4KW PROCESSOR M84	1895520 Ⓞ
25	1	EA.	RADAR, CABLE SEAL	1780436
26	1	EA.	BRACKET, NAVMAN ANTENNA MOUNT	1804748 Ⓞ
Ⓞ 27	-	EA.	FUSE, BLADE TYPE CLOSED 10A	0731000 Ⓞ
28	4	EA.	SCREW, MACHINE #1/4-20 X 1" POH SC	1213198
29	4	EA.	NUT, LOCK #1/4-20 SC STD PATT	1009786 Ⓞ
30	4	EA.	WASHER, FLAT #1/4" SC	1260769
31	5	EA.	SCREW, TAPPING #6A X 5/8" POH SC	1008572
32	2	EA.	PLATE, ALUM BW-07 4KW RADOME ANTENNA	1874940 Ⓞ
33	1	EA.	VENT, CLAMSHELL ROPE LCKR 2"X2"	0533430
Ⓞ 34	3	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507 Ⓞ
Ⓞ 35	4	EA.	SCREW, CAP #5/16-18 X 1.5" HEX HD SC	1008044 Ⓞ
36	4	EA.	WASHER, LOCK/SPLIT 5/16" SC	1260611 Ⓞ
37	4	EA.	WASHER, FLAT #5/16" SC	1260785 Ⓞ
38	3	EA.	SCREW, TAPPING #4A X 5/8" POH SC	1007822
Ⓞ 39	-	FT.	WIRE, 14GA AWC RED INSUL TIN/CPR	1000470
Ⓞ 40	1	EA.	FUSE, BLADE TYPE ATO 7.5A	0520676
Ⓞ 41	1	EA.	PACKET, BW OWNERS BAG/BW DOCUMENTS	1031228
Ⓞ 42	1	EA.	FLUSH MOUNT KIT, RAY 49/55/218 VHF RADIO	1912106 Ⓞ
Ⓞ 43	1	EA.	NAVIGATION DISPLAY, RAYMARINE C90W (EU)	1971956 Ⓞ
Ⓞ 44	1	EA.	CHART PLOTTER, A70D 6.4" FF-(EU)	1971915 Ⓞ
Ⓞ 45	-	EA.	CABLE, INTERFACE M84 TO RADAR	1891801 Ⓞ
Ⓞ 46	1	EA.	FUSE, BLADE TYPE CLOSED 2A	0842021 Ⓞ
Ⓞ 47	1	EA.	DEPTH SOUNDER, DSM30 DIGITAL SOUNDER MODULE	1971011
Ⓞ 48	1	EA.	CABLE, RADAR DIGITAL PEDESTAL EXTSN 10M	1963057

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 X = ± 1/16
.XX = ± .03

DO NOT SCALE DRAWING

DRAWN: HAL READ

DATE: 02/14/05

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

ELECTRONICS PACKAGE

255CQ

INIT. REL. ECN NO:

050242

DWG. NO:

08600

SHT. NO.

5 of 5

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DWG. NO: 10201	REV. AD	CURRENT ECD 11017475
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REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
AC	ADD TORQUE SPECIFICATIONS +/- LB.FT. TO NOTES.	AVF	12/18/07	AVF	07124762
AD	REMOVED STRIKE FROM #S 10 & 11; ADDED ITEM #S 39 & 40; ADDED STRIKE THROUGH #S 26-33; #21 P/N WAS 1899612 & #34 P/N WAS 1898469	SBL	01/19/11	JK	11017475

NOTES:

- 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.
- ALL THRU-TRANSOM FASTENERS TO HAVE SEALANT APPLIED TO BOLT SHANKS & TORQUE TO 55 +/- 5 lb. ft.
- ITEM #12 TO BE USED FOR PACKAGING PROPS.
- LOWER FASTENERS, P/S HAVE BOLT HEAD ON "ENGINE SIDE". UPPER FASTENERS, P/S HAVE BOLT HEAD ON "MOTORWELL" SIDE, (EXCEPT OPTS: 020-70265, 020-70412 & 020-70414 (AA) (S))
- INSTALL ITEM #9 ON THE FOLLOWING OPTIONS:
100-70005, 100-70017 (Z)

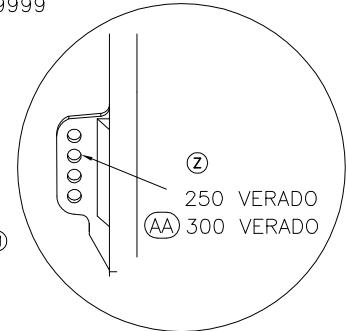
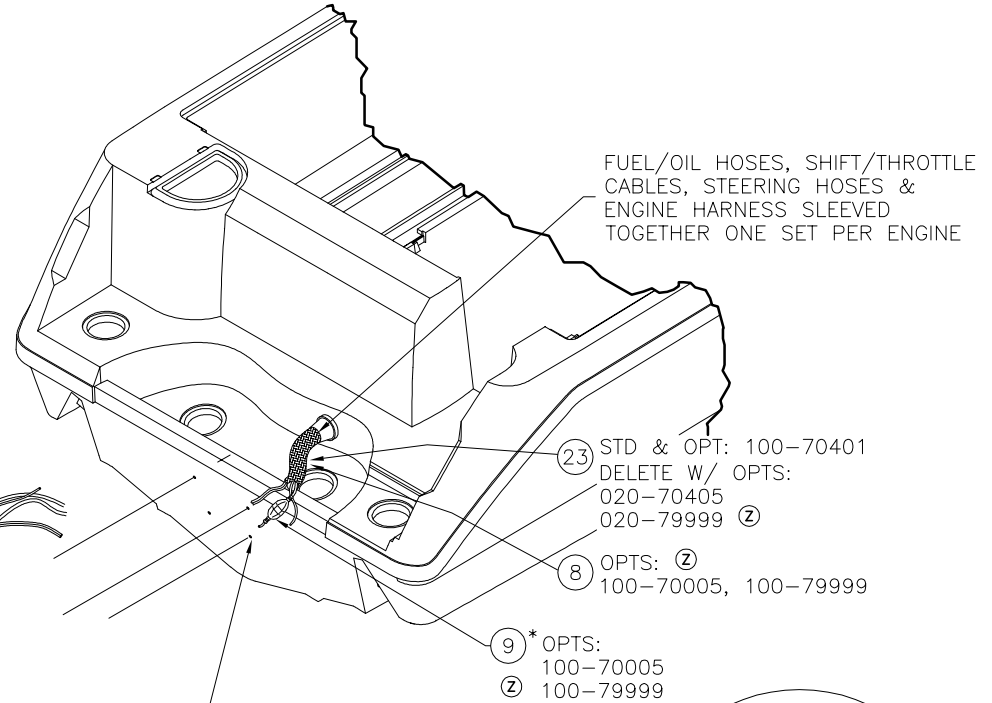
REFER TO DWG'S:
07-401,402 FOR WIRING DIAGRAMS
10-401 FOR STEER/THROTTLE CONTROL
10-501 FOR FUEL SYSTEM

(Z)(L) STD: 020-70265 (21)(13)
(AA) OPT: 020-70414 (34)(13)

*NOTE: DO NOT INSTALL OR SUPPLY ITEMS 12 OR 13 WHEN THE FOLLOWING OPTIONS ARE ORDERED: 020-79999 & 020-70405.

(Z)(O)(E)(K)

LOWER & UPPER FASTNERS P/S HAVE BOLT HEAD ON "ENGINE SIDE" VERADO ONLY



NOTE: SHIP PROP LOOSE PACKAGED IN #12

SINGLE ENGINE

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. DURHAM	DATE: 04/25/01	DRAWN: R. CRAVEN	DATE: 04/20/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.	
APPD: K. RANIERI	DATE: 04/25/01	DWG. TITLE: Engine Installation			INIT. REL. ECN NO: 2276	DWG. NO: 10201	SHT. NO. 1 of 3
DESIGN: L. SCHOLZ	DATE: 04/25/01	INT. ENG: M. GATICA	DATE: 07/03/01				

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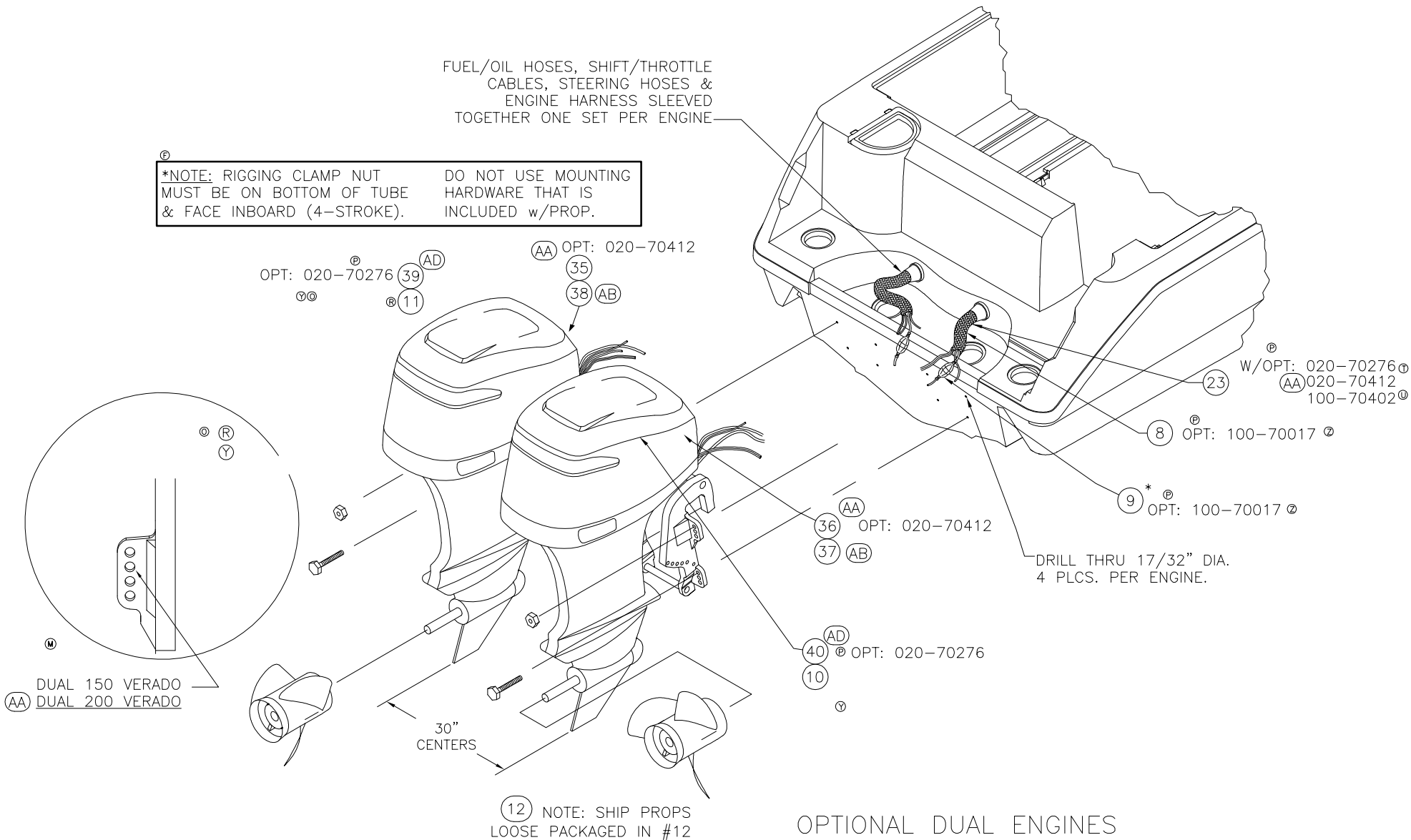
DWG. NO:
10201

REV.
AD

CURRENT ECD
11017475

FUEL/OIL HOSES, SHIFT/THROTTLE CABLES, STEERING HOSES & ENGINE HARNESS SLEEVED TOGETHER ONE SET PER ENGINE

***NOTE:** RIGGING CLAMP NUT MUST BE ON BOTTOM OF TUBE & FACE INBOARD (4-STROKE). DO NOT USE MOUNTING HARDWARE THAT IS INCLUDED w/PROP.



OPTIONAL DUAL ENGINES



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

DRAWN: R.CRAVEN DATE: 04/20/01 SCALE: NONE
DWG. TITLE: Engine Installation

BOAT MODEL: 255CQ
INIT. REL. ECN NO: 2276

MOLD NO.
DWG. NO: 10201
SHT. NO. 2 of 3

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DWG. NO:
10201

REV.
AD

CURRENT ECD
11017475

PARTS LIST

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
	STD/OPT			
(L)(I)	1	EA.	O/B, MERC 250XXL EFI 30" SHAFT SW	1753176
(Z)(W)(I)	1	EA.	O/B, MERC 225XXL OPTI GEN 1	1847731
(O)(I)	1	EA.	O/B, MERC 200CXL OPTIMAX DIGITAL 25" SHAFT SW	1753096
(Y)(W)(I)	1	EA.	O/B, MERC 150CXL OPTI GEN 1	1847711
(O)(I)	1	EA.	O/B, MERC 200XL OPTIMAX DIGITAL 25" SHAFT SW	1753095
(Y)(W)(I)	1	EA.	O/B, MERC 150XL OPTI GEN 1	1847710
(O)(I)	2	EA.	O/B, MERC 115EXLPT 4-STROKE SHAFT SW	1750650
(Z)(L)	6	FT.	HOSE, CONDUIT/EXPANDO-SHEATHING BLK	1274596
(Z)(L)(K)	2	EA.	PRIMER, BULB WITH FUEL LINE	1477900
(AD)(AB)	1	EA.	PROP, 15.5" x 17" SS MIRAGE PLUS RH	0155820
(AD)(AB)	1	EA.	PROP, 15.5" x 17" SS MIRAGE PLUS LH	1076389
	1	EA.	POLY, 33" x 40" 33 GAL HVY CLR	1143163
(R)	1	EA.	PROP. 15.75" x 15" SS MIRAGE PLUS RH	1076397
(O)	2	EA.	PROP, 13 1/8" x 16" VENGEANCE	1357821
(L)(I)(F)	1	EA.	O/B, MERC 225CXL EFI 4-STRK 25" SHAFT	1750639
(L)(I)	1	EA.	O/B, MERC 225XL EFI 4-STRK 25" SHAFT	1750652
	1	EA.	PROP, 15.25" X 19" SS MIRAGE PLUS LH TWIN ENG	226704
(F)	1	EA.	PROP, 15.25" X 19" SS MIRAGE PLUS RH TWIN ENG	147678
(L)(I)	1	EA.	O/B, MERC 250XXL XS-OPTIMAX 30" SHAFT SW	1753180
(L)(I)	2	EA.	BOLT, HEX HD #1/2-20 X 5.5" SS SPCL	1746789
(AD)(AA)(Z)(V)(Q)(L)	1	EA.	O/B, MERC 250XXL VERADO 4S	2049454
(AA)(V)(Q)(L)	1	EA.	O/B, MERC 275XXL VERADO GEN 1	1847746
(Z)(L)	3	FT.	HOSE, 2" ID CABLE COVER (OUTBOARD) BLK	1042399
(O)(N)	1	EA.	O/B, MERC 135CXL OPTIMAX DIGITAL 25" SHAFT SW	1753090
(O)(N)	1	EA.	O/B, MERC 135XL OPTIMAX DIGITAL 25" SHAFT SW	1753089
(AD)(V)(P)	1	EA.	O/B, MERC 150XL VERADO GEN 1	1847713
(AD)(V)(P)	1	EA.	O/B, MERC 150CXL VERADO GEN 1	1847714
(AD)(V)(S)	1	EA.	O/B, MERC 250XXL VERADO EU GEN 1	1847744
(AD)(V)(S)	1	EA.	O/B, MERC 275 XXL VERADO EU GEN 1	1847748
(AD)(V)(S)	1	EA.	O/B, MERC 150CXL VERADO EU GEN 1	1847716
(AD)(V)(S)	1	EA.	O/B, MERC 150XL VERADO EU GEN 1	1847718
(AD)(AA)(V)(T)	1	EA.	O/B, MERC 175XL VERADO ED	1900365
(AD)(AA)(V)(T)	1	EA.	O/B, MERC 175CXL VERADO ED	1900366
(AD)(AA)	1	EA.	O/B, MERC 300XXL VERADO 4S	2049458
(AA)	1	EA.	O/B, MERC 200CXL VERADO L4 ED	1898461
(AA)	1	EA.	O/B, MERC 200CXL VERADO L4 ED	1898463
(AB)	1	EA.	PROP, SS 13 5/8" X 21" RH ENERTIA	1874919
(AB)	1	EA.	PROP, SS 13 5/8" X 21" LH ENERTIA	1874920
(AD)	1	EA.	O/B, MERC 150CXL VERADO ED	1900364
(AD)	1	EA.	O/B, MERC 150XL VERADO ED	1900363



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: 04/20/01 SCALE: NONE
 DWG. TITLE: Engine Installation

BOAT MODEL: 255CQ MOLD NO.:
 INIT. REL. ECN NO.: 2276 DWG. NO.: 10201 SHT. NO.: 3 OF 3

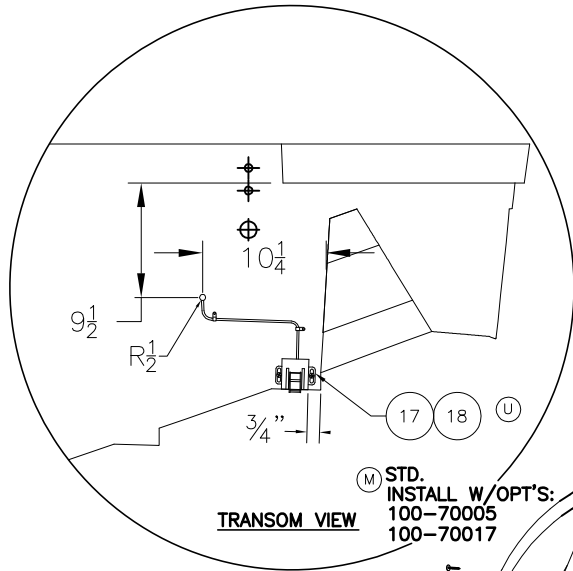
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DWG. NO:
11201

REV.
U

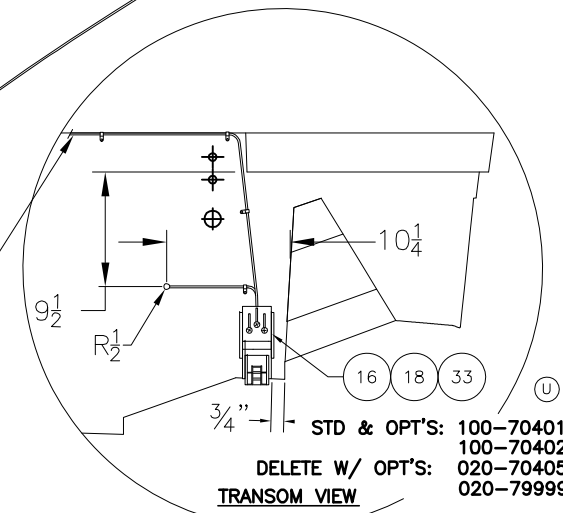
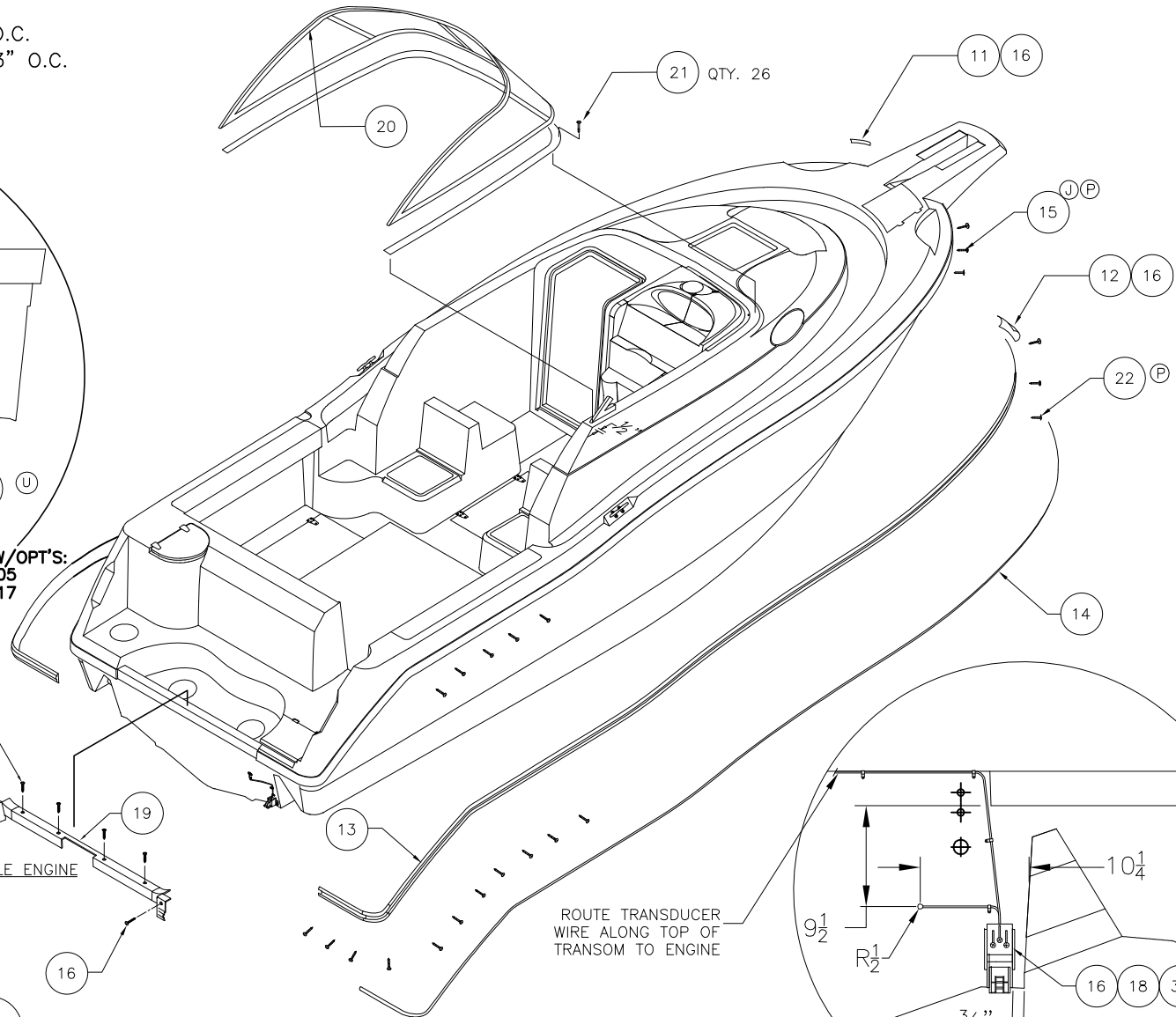
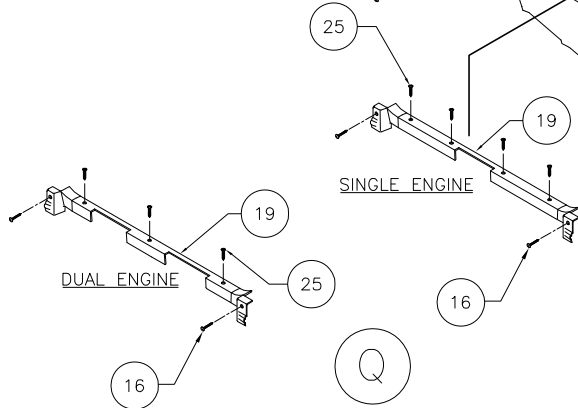
CURRENT ECD
07054306

- INSTALL SCREWS ON SIDES @ 6" O.C.
INSTALL SCREWS ON CORNERS @ 3" O.C.



(M) STD. INSTALL W/OPT'S:
100-70005
100-70017

TRANSOM VIEW



STD & OPT'S: 100-70401
100-70402
DELETE W/ OPT'S: 020-70405
020-79999
TRANSOM VIEW

BOSTON WHALER
PRODUCT DEV. & MFG. ENGINEERING GROUP

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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: H READ DATE: 07/08/01 SCALE: NONE

DWG. TITLE: EXTERIOR FINAL ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
11201

SHT. NO.
2 OF 4

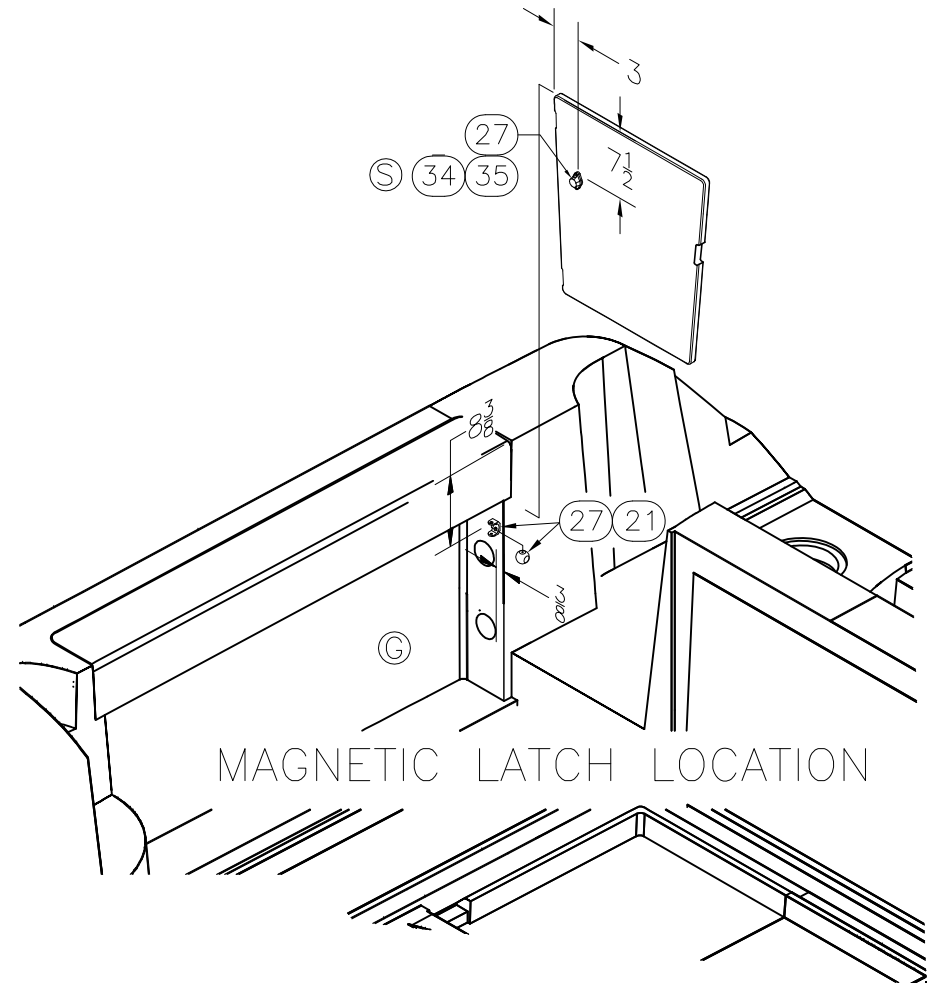
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DWG. NO:
11201

REV.
U

CURRENT ECD
07054306

Parts List						
ITEM	STD/OPT	U/M	DESCRIPTION	B.W.I. NO.		
⊙L	1	1	EA.	BOLSTER, BW255CQ-05 CKPT STB	1781890	
	2	10	EA.	NUT, LOCK #1/4-20 SC STD	1009786	
⊙	3	1	EA.	CUSH, BW255CQ-05 AFT FACING SEAT PRT	1781891	
⊙	4	1	EA.	CUSH, BW255CQ-05 AFT FACING SEAT STB	1781892	
⊙	5	1	EA.	CUSH, BW255CQ-05 B/R AFT FACING SEAT PRT	1781893	
⊙	6	1	EA.	CUSH, BW255CQ-05 B/R AFT FACING SEAT STB	1781894	
⊙N	7	1	EA.	CUSH, BW255CQ-02 REVISED BOW SEAT	1801784	
⊙L	8	1	EA.	BOLSTER, BW255CQ-05 CKPT PRT	1781889	
⊙	9	1	EA.	CUSH, BW255CQ-05 STERN SEAT B/R	1781897	
⊙	10	1	EA.	CUSH, BW255CQ-05 STERN SEAT	1781896	
	11	1	EA.	CAP, RUBRAIL BW2600R-98 BOW PORT	1068709	
	12	1	EA.	CAP, RUBRAIL BW2600R-98 BOW STBD	1068725	
	13	2	EA.	RUBRAIL, PLASTIC CHAR 28.5'	1645415	
	14	2	EA.	INSERT, RUB RAIL CHAR FLEX 28.5'	1646108	
⊙J	15	130	EA.	SCREW, TAP #10A X 1.25"W/STP EPXY ORNG PFH SC	1814516	
⊙	16	6	3	EA.	SCREW, TAPPING #10A x 2" PTH SC	1008754
⊙K⊙	17	2	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739	
⊙K⊙	18	1	EA.	ACC, PART MERC SPEEDOMETER/ TEMP DIGITAL	1477942	
	19	1	EA.	CAP, RUBRAIL BW255CQ-02 TRANS TRIM	1635424	
	20	1	EA.	W/S BW255CQ-02	1614759	
⊙C	21	28	EA.	SCREW, TAPPING #8A x 5/8" POH SC	1213354	
⊙	22	150	EA.	SCREW, TAP #10A X 1.5" W/STP EPXY ORNG PFH SC	1814515	
	23	10	EA.	WASHER FENDER 1/4" x 1.25" SC	1260678	
⊙N	24	30	EA.	SNAP STUD, W/ #8 x 3/8" PH BR/NI/SS	0203786	
	25	4	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739	
⊙	26	1	EA.	STRAP, NYLON 1"x 6.5" DOOR-RESTRAINT BLK	1688675	
⊙	27	1	EA.	HOLDER, MAGNET SHORT	1746047	
⊙	28	1	EA.	BUMPER, BLACK 3/4" DIA x 1/2"	1039247	
⊙	29	2	1	EA.	SCREW, TAPPING #8A x 1/2" PTH SC	1008812
	30	1	EA.	LIGHT, BW230CQ-97 MAST WHT 36"	1035211	
	31	1.5	EA.	CLIP, POLE STRG BLK - MAST LIGHT	0590646	
	32	3	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739	
⊙C	33	1	EA.	ACC PART, MERC DEP FINDER/TRANSUDCER TRNS MNT	1738329	
⊙I	34	1	EA.	SCREW, TAPPING #8A X 1" POH SC	1213065	
⊙I	35	2	EA.	SHIM, HDPE 3/4" BW-04 MAGNETIC HLDR SHORT	1758373	
⊙	36	8	EA.	SCREW, TAPPING #8A X 3/4" PFH SC	1008408	
⊙N	37	.15	EA.	TRACK, PVC RIGID 10' WHT	1617398	



MAGNETIC LATCH LOCATION



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: H READ DATE: 07/08/01 SCALE: NONE

DWG. TITLE: EXTERIOR FINAL ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
11201

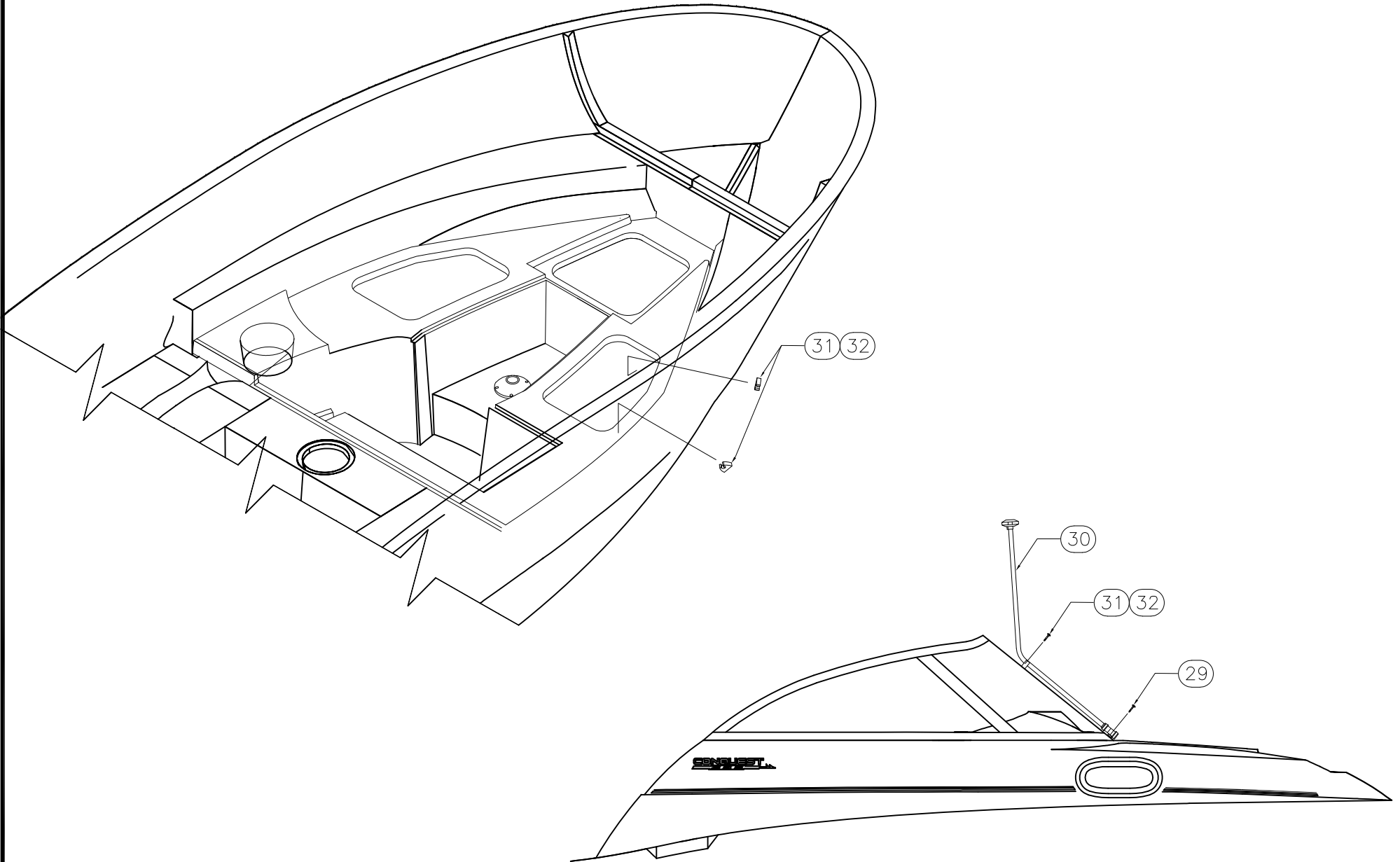
SHT. NO.
3 of 4

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DWG. NO:
11201

REV.
U

CURRENT ECD
07054306



BOSTON WHALER
PRODUCT DEV. & MFG. ENGINEERING GROUP

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

DRAWN: H READ

DATE: 07/08/01

SCALE: NONE

DWG. TITLE:

EXTERIOR FINAL ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
11201

SHT. NO.
4 OF 4

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DWG. NO:
09401

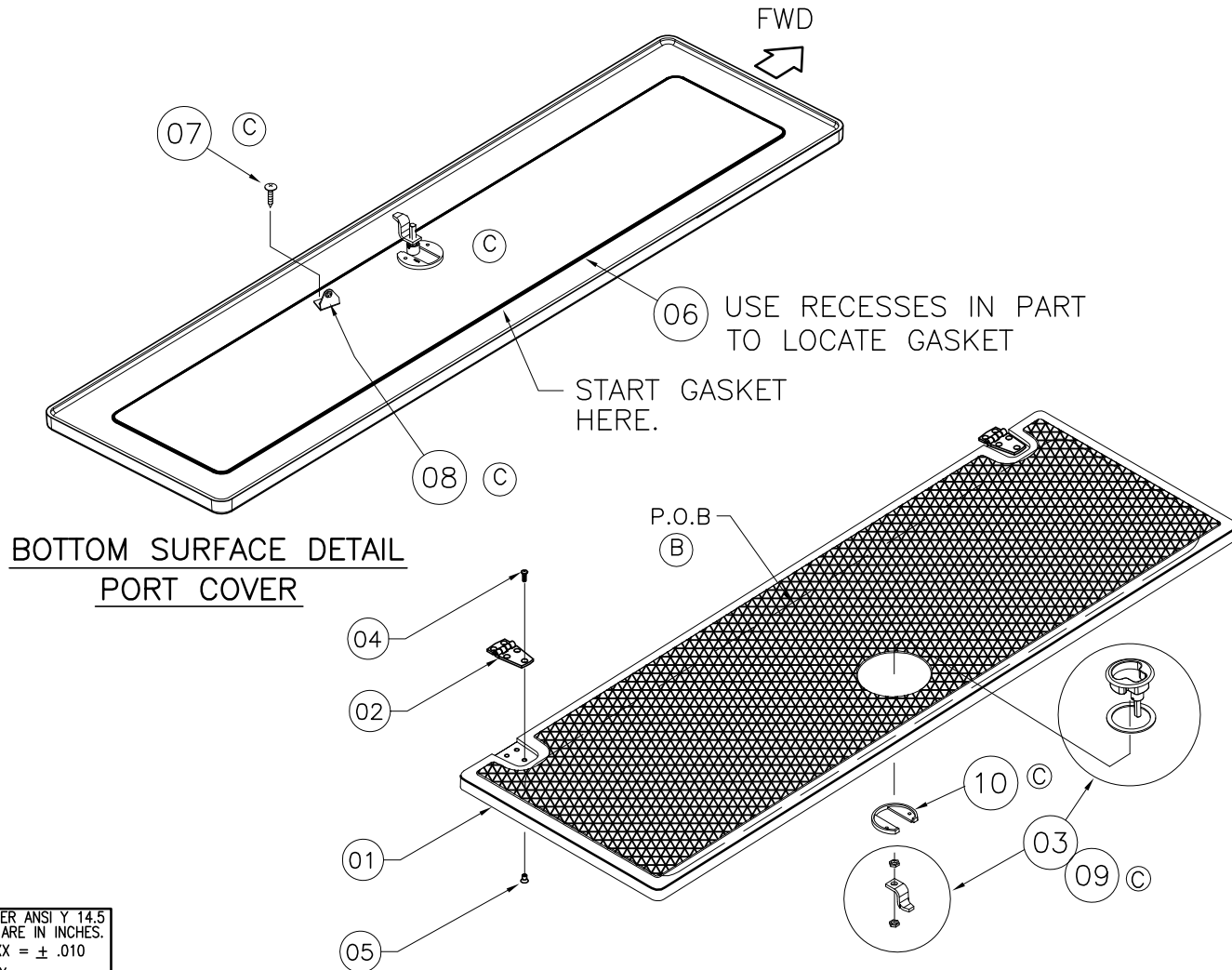
REV.
D

CURRENT ECD
060228

NOTES:

1. ALL FASTENERS SHALL BE SEALED USING WHITE SILICONE SEALANT DURING INSTALLATION. SEATLANT SHALL BE SMOOTHED OVER ON BARREL NUTS.
2. CLEAN FG SURFACE W/ALCOHOL PRIOR TO PLACING GASKET.
3. REF. DWG. 05105 FOR LAMINATION DETAILS.
4. REF. DWG. 16105 FOR TRIM & GRIND DETAILS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	04/21/03	ZAC	030317
B	MYE '05: ADDED NOTE #2, ADDED ITEM #06	JM	04/20/04	SH	040148
C	MYE'06: #1 WAS 22K03300; #3 WAS 1014455; ADDED #7-#10; ADDED BOTTOM VIEW & SHT. 2	MRZ	04/26/05	VPK	050401
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228



BOTTOM SURFACE DETAIL
PORT COVER

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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 04/19/01	DRAWN: R DURHAM	DATE: 04/17/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: K. RANIERI	DATE: 04/19/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 04/19/01	FISHWELL COVER SUB ASSEMBLY			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 07/03/01				2276	09401

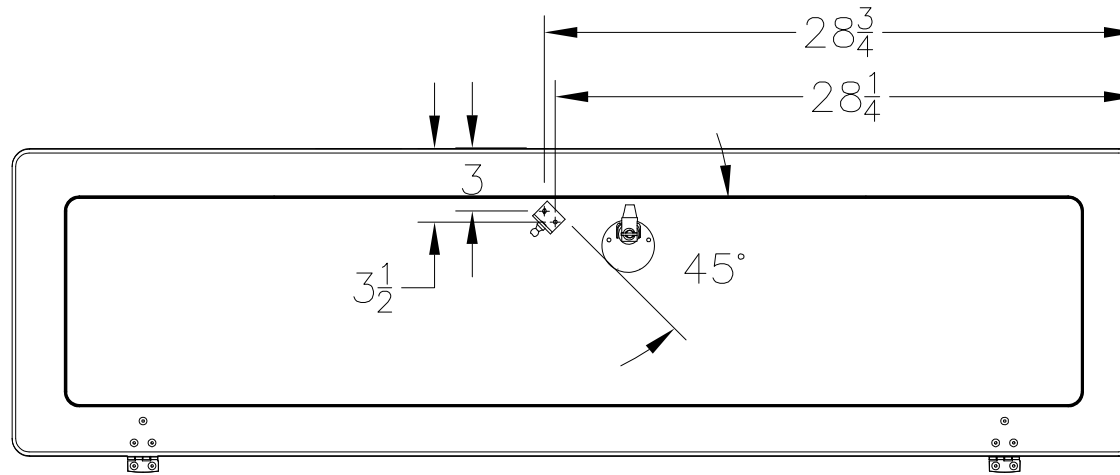
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DWG. NO:
09401

REV.
D

CURRENT ECD
060228

NOTES:



BOTTOM SURFACE DETAIL
PORT COVER
(STBD COVER IS MIRROR IMAGE)

FWD →
©

PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
© 01	1	EA.	FIBERGLASS PART, FISHWELL COVER	22K22000
02	2	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
© 03	1	EA.	LATCH, FLUSH MNT N/LOCKING SLAM SS	1781446
04	6	EA.	SCREW, MACHINE #10-24 x 3/4" POH	1008440
05	6	EA.	NUT, BBL #10-24 x 3/8" FH	1040187
ⓑ 06	11	FT.	TRIM-SEAL, 3/4" X 1/16" SELF-ADH BLK	1769583
© 07	2	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
© 08	1	EA.	BRACKET, SS LIFT CYL 90DEG 1"W/STUD	1688166
© 09	1	EA.	CATCH, PAWL 2.5"OFFSET MEDIUM SS	1781463
© 10	1	EA.	PLATE, SHALLOW 2.5"W/1/16" LIP HDWR PKG SS	1793455

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

DRAWN: R DURHAM DATE: 04/17/01 SCALE: NONE
DWG. TITLE: FISHWELL COVER SUB ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
09401

SHT. NO.
2 OF 2

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DWG. NO:
06701

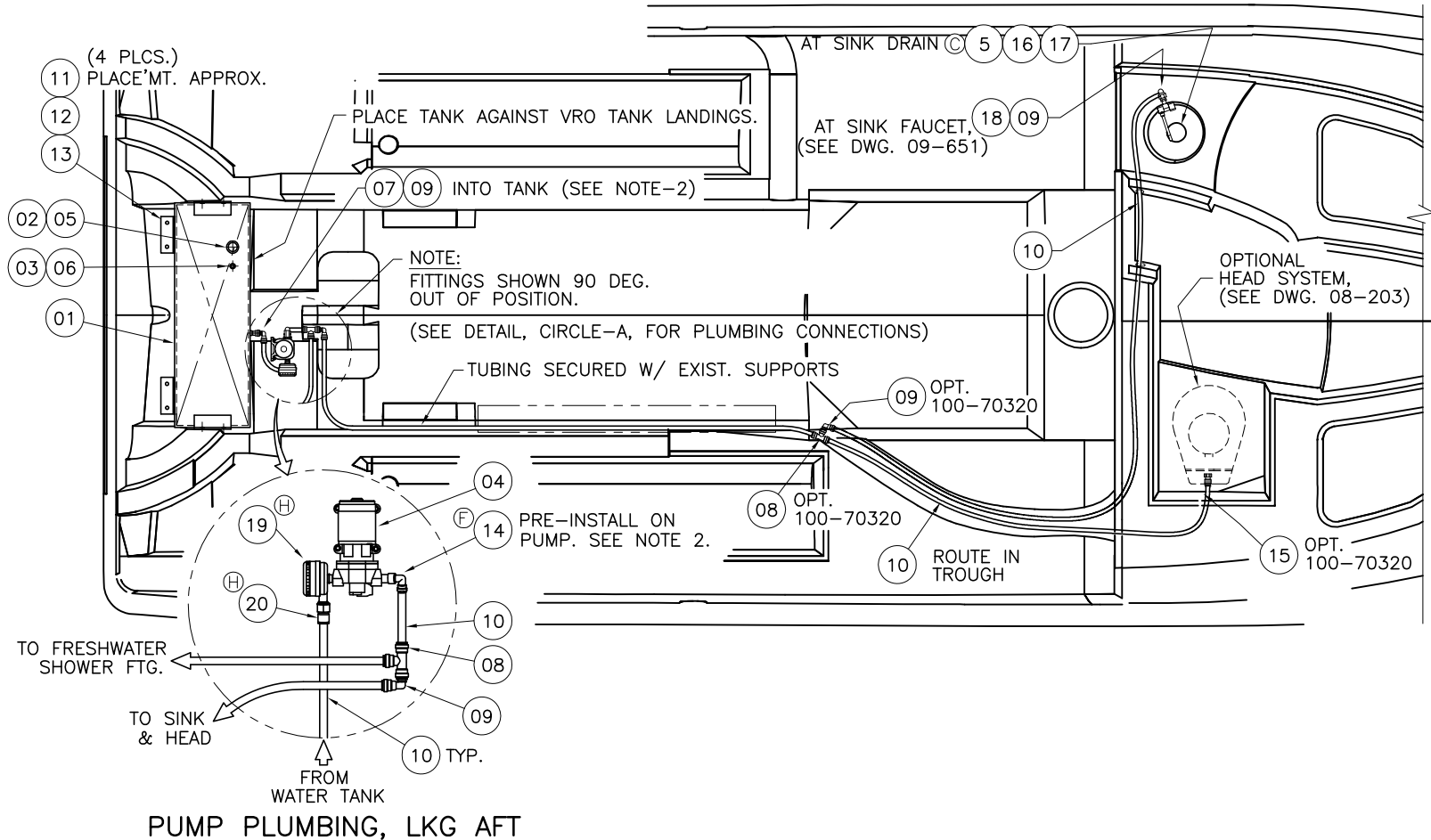
REV.
H

CURRENT ECD
08095490

NOTES:

1. WATER TUBING SHALL BE SECURED/SUPPORTED ON 14" CENTERS.
2. USE TEFLON TAPE (THREAD SEALANT) ON ALL THREADED CONNECTIONS.
3. SEE DECK ASSY. DWG. 06-202 FOR PUMP MOUNTING LOCATION.
4. REFER TO DWG. 01-251 FOR ALL HOSE & TUBING CUT LENGTHS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	CHANGED GALLEY SINK FITTING TO #18	SLJ	03/13/02	ZAC	020316
E	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	ZAC	030317
F	CHANGED PN# 7 DESCRIPTION ITEMS; 7,8,9,14 & 15, CHANGED QTY # 15	SLJ	08/18/03	ZAC	030730
G	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228
H	CHANGED PT#997296,1453935 TO 1945201, 1915918 & ADDED 1915911,1939505	DGC	3/23/09	AVR	08095490



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>PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: R. DURHAM	DATE: 5/17/01	DRAWN: R. DURHAM	DATE: 05/16/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: K. RANIERI	DATE: 5/17/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 5/17/01	FRESH WATER SYSTEM			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 7/2/01				2276	06701
							1 OF 2

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DWG. NO:
06701

REV.
H

CURRENT ECD
08095490

NOTES:

PARTS LIST

ITEM	QTY.		U/M	DESCRIPTION	B.W.I. NO.
	STD.	OPT.			
01	1	—	EA.	TANK, WATER 255CQ-02 20 GAL.	1616705
02	—	—	FT.	HOSE, SANI/SMOOTH WALL 1.5"	0123844
03	—	—	FT.	HOSE, SANI/CHEMICAL TDX 5/8"	0124719
(H) 04	1	—	EA.	PUMP, FRESH WTR 3.5GPM W/DEUTSCH	1945201
(C) 05	4	—	EA.	CLAMP, HOSE #24 1-2" SS .505	0256693
06	2	—	EA.	CLAMP, HOSE #10 1/2-1-1/8" SS .505	0263954
(F) 07	1	—	EA.	ADAPTER, SEATECH STRAIGHT 1/2"MPT-15MM	1542919
(F) 08	1	1	EA.	TEE, SEATECH EQUAL 15MM	1214824
(F) 09	3	1	EA.	ELBOW, SEATECH 90DEG STEM 15MM	1214840
10	—	—	EA.	TUBING, WHALE 15MM x 10MM x 164' BLUE	1137025
11	4	—	EA.	BRACKET, PVC 2" x 2" x 1/4" x 6"	1547280
12	4	—	EA.	RUBBER PAD, FUEL TANK 2" x 6"	1042407
13	8	—	EA.	SCREW, TAPPING #10A x 1.5" PTH	1008747
(H)(F) 14	1	—	EA.	FITTING, NEPT ELBOW PUMP CONNECTOR	1915918
(F) 15	1	1	EA.	FITTING, NEPT 1/2" FEM SWVL BLK	1453984
(C) 16	1	—	EA.	ADAPTER, PLAS 1"BARB X 1 1/8"BARB	1230010
(C) 17	2	—	EA.	CLAMP, HOSE #16 3/4"-1.5" SS .505	256685
(F)(D) 18	1	—	EA.	ADAPTER,SEATECH 3/8"-15MM BRASS	1755691
(H)(C) 19	1	—	EA.	FILTER, IN-LINE WATER STRNR PLUG-IN	1915911
(H)(F)(D) 20	1	—	EA.	FITTING, NEPT EL PUMP CONNECTOR 15M	1939505



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

DRAWN: R DURHAM DATE:05/16/01 SCALE: NONE

DWG. TITLE:
FRESH WATER SYSTEM

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
06701

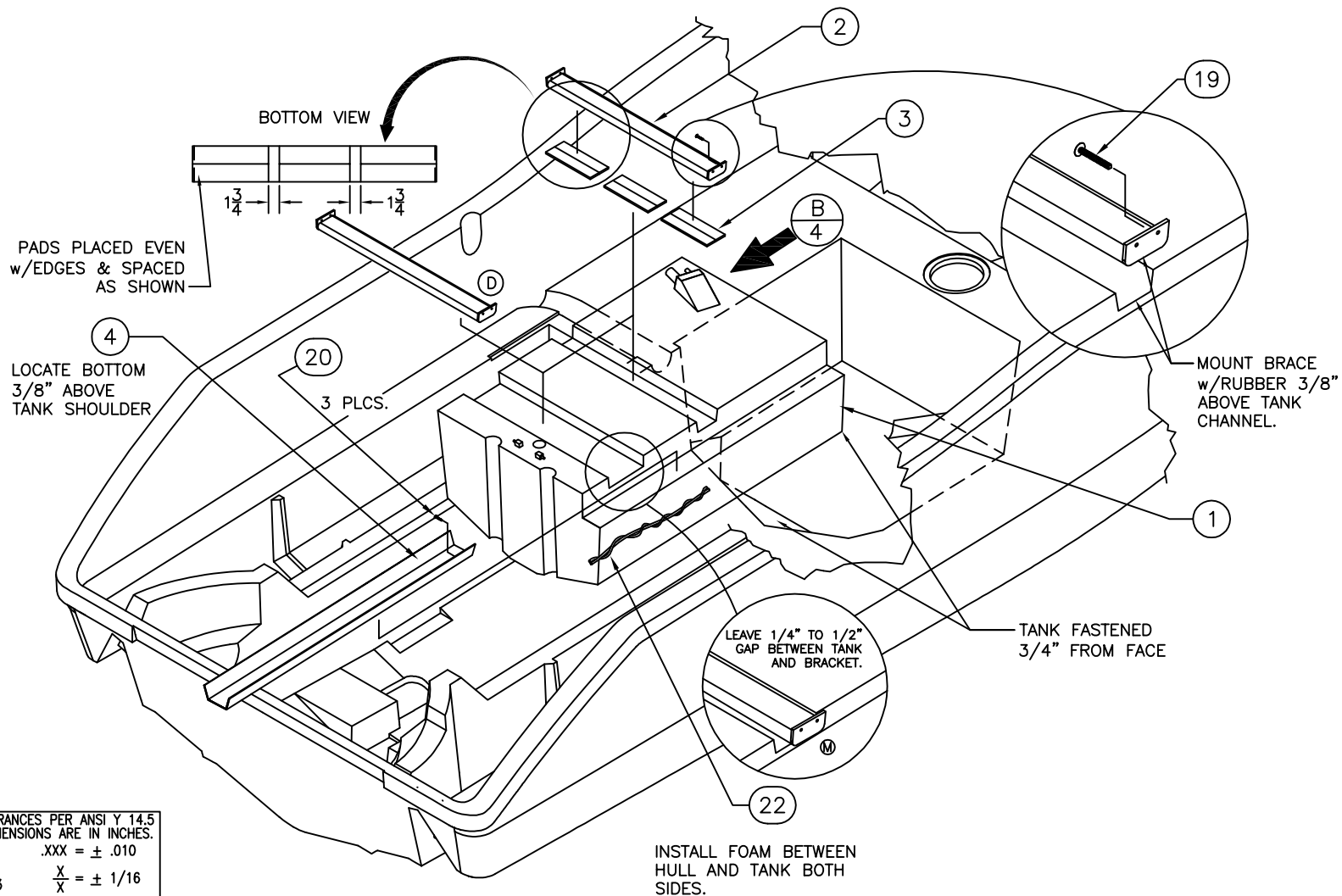
SHT. NO.
2 OF 2

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DWG. NO: 10501	REV. Y	CURRENT ECD 09126429
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REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
X	MYE "09" ITEM #18 WAS 1040344	SLJ	05/13/08	DH	08045121
Y	ITEM # 1 WAS PN# 1746457	SLJ	04/20/10		09126429

1. REFER TO DWG. #06-101 FOR ALL HOLE CUTOUTS.
2. REFER TO DWG. #01-251 FOR HOSE CUT LENGTHS.
3. FUEL LINES SHALL BE DOUBLED CLAMPED w/CLAMPS POSITIONED AT 180° TO EACH OTHER AS SHOWN.
4. HOSE & LINE ROUTINGS TO COMPLY w/NMMA, USCG, & ABYC STANDARDS.
5. PRESSURE TEST COMPLETED FUEL SYSTEM IN ACCORDANCE w/ABYC H-24-17, PSI TEST @ 3 PSI FOR A MINIMUM OF 15 MINUTES.



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

INSTALL FOAM BETWEEN HULL AND TANK BOTH SIDES.



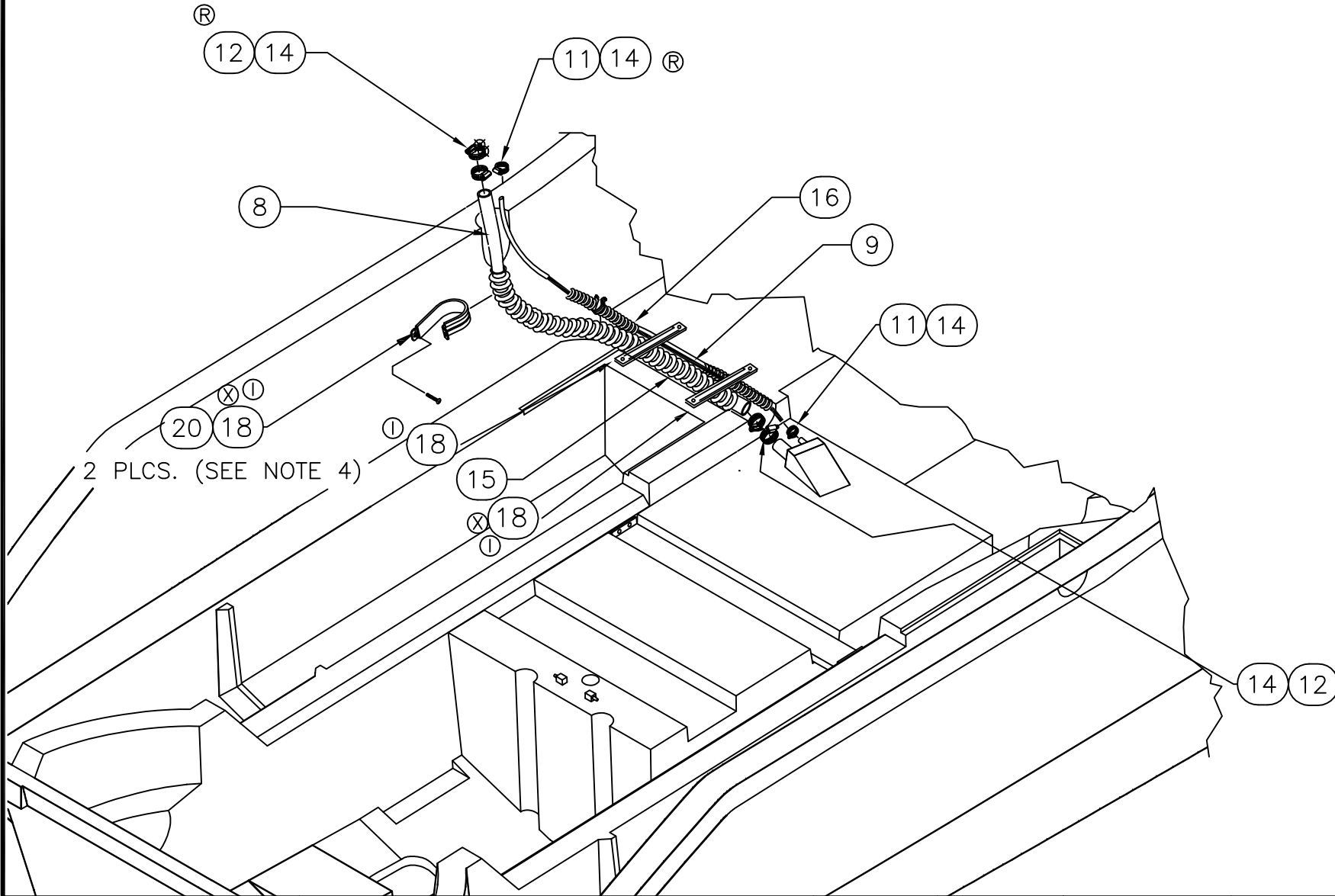
CHECKED: R. DURHAM	DATE: 04/19/01	DRAWN: R. CRAVEN	DATE: 04/10/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: K. RANIERI	DATE: 04/19/01	DWG. TITLE: Fuel System Installation			INIT. REL. ECN NO: 2276	DWG. NO: 10501
DESIGN: L. SCHOLZ	DATE: 6/22/01					SHT. NO. 1 of 5
INT. ENG: M. GATICA	DATE: 7/03/01					

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DWG. NO:
10501

REV.
Y

CURRENT ECD
09126429



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: 04/10/01

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

Fuel System Installation

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

10501

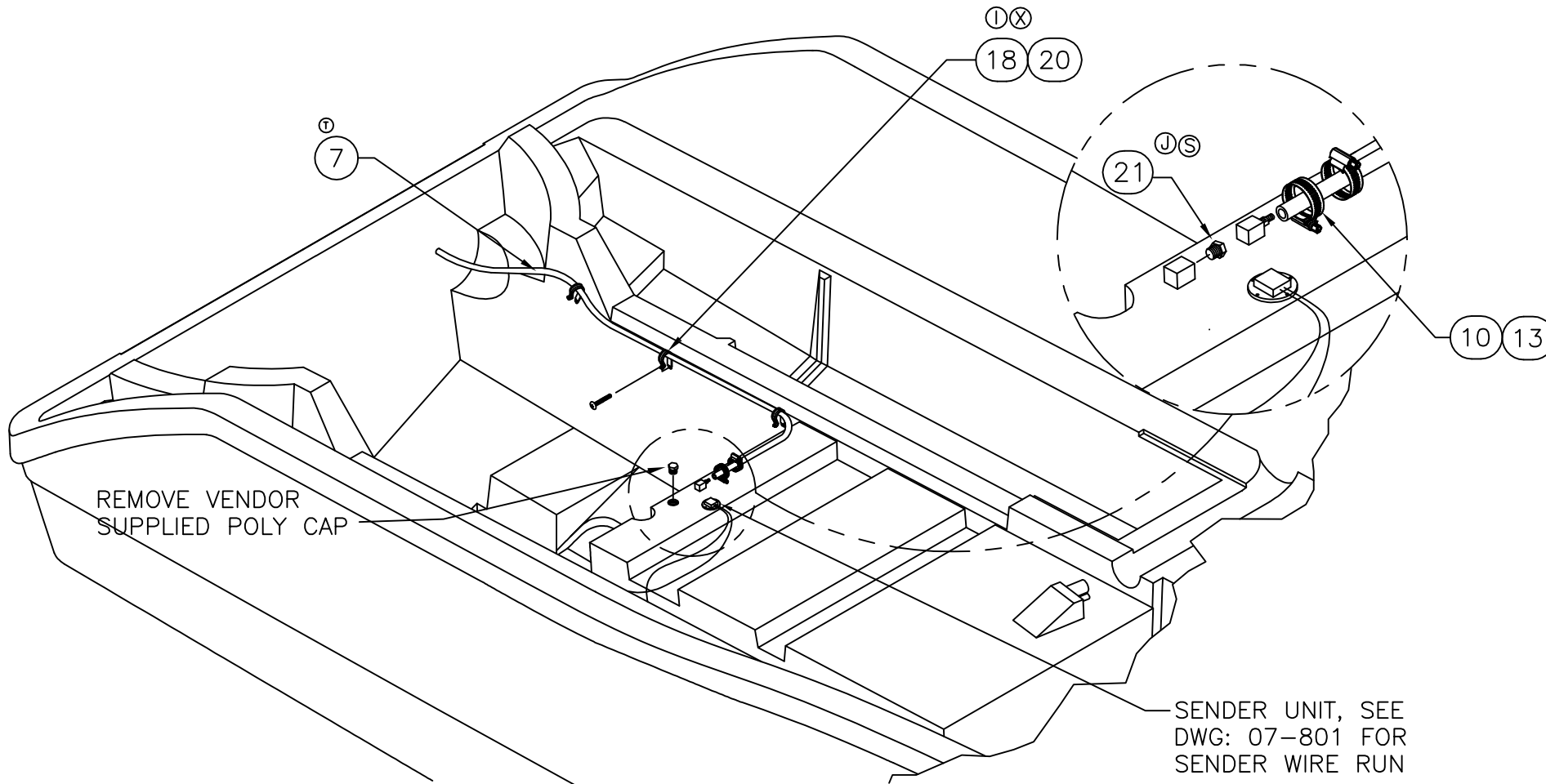
2 of 5

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DWG. NO:
10501

REV.
Y

CURRENT ECD
09126429



STD. & OPT./SINGLE ENGINE
FUEL SUPPLY RUN

ⓍⓈ APPLICABLE WHEN 020-70265 STD. OR OPT.
ⓍⓈ 020-70414, 100-70401 ARE ORDERED.



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: 04/10/01

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

Fuel System Installation

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

10501

3 OF 5

SEE DWG. 01-251
FOR HOSE LENGTHS

PARTS LIST					
ITEM	QTY		U/M	DESCRIPTION	B.W.I. NO.
	STD	OPT			
(Y)(E)	1	1		EA. TANK, FUEL - BW 150GAL LOW PERM 255CQ-10	1980654
(D)	2	2		EA. BRACKET, ALUM BW255CQ-02 FUEL TANK	1616689
(D)	3	12		EA. RUBBER, PAD BW FUEL TANK 1/4" x 2" x 9.75"	1042456
	4	1		EA. SUPPORT, PLAS RIGGING WHT 5'	1043587
(R)(F)	5	1		EA. VENT, FUEL/WATER SS 3/4" FLUSH STRAIGHT	1754881
	6	1		EA. SPRING, VENT 1.05" x 12" SS	1041367
(T)(Q)	7	0		HOSE, FUEL 3/8" TYPE A CLASS 1-15 ISO/CE/CARB	1884011
	8	0		HOSE, FUEL 1.5" TYPE A CLASS 2	0123745
(Q)	9	0		HOSE, FUEL 5/8" TYPE A CLASS 1 ISO/CE	123778
	10	4	2	EA. CLAMP, HOSE #06M 5/16"-7/8" SS MIN	0123398
(R)	11	2		EA. CLAMP, HOSE #10 1/2"-1 1/8" SS .505	0263954
	12	4		EA. CLAMP, HOSE #24 1"-2" SS .505	0256693
	13	4	2	EA. COVER, CLAMP END PROT 1/2"L x .020"W x .592	1116870
(R)	14	6		EA. COVER, CLAMP END PROT 1/2"L x .035"W x .300"	0830976
	15	4		FT. HOSE, CONDUIT/SPLIT 1.5" FLAME RETA	1501857
	16	4		FT. HOSE, CONDUIT/SPLIT 3/4" FLAME RETA	1501824
(R)(I)	17	3		EA. CLIP, SUPPORT 1" DIA	1216720
(X)(I)	18	6		EA. CLAMP, LOOM 2" G32	1704652
(D)	19	8		EA. SCREW, TAPPING #14A x 1.5" PTH SC	1010909
(R)	20	7	3	EA. SCREW, TAPPING #8A x 5/8' PTH SC	1010925
(S)	21	1		EA. PLUG, ALUM 3/8"	1753278
	22	20		FT. FOAM, BACKER ROD 7/8"DIA	1041698
(S)(J)	23		1	EA. VALVE, ALUM ANTI/SIPH 3/8"BARB X 15"HEAD	1100148

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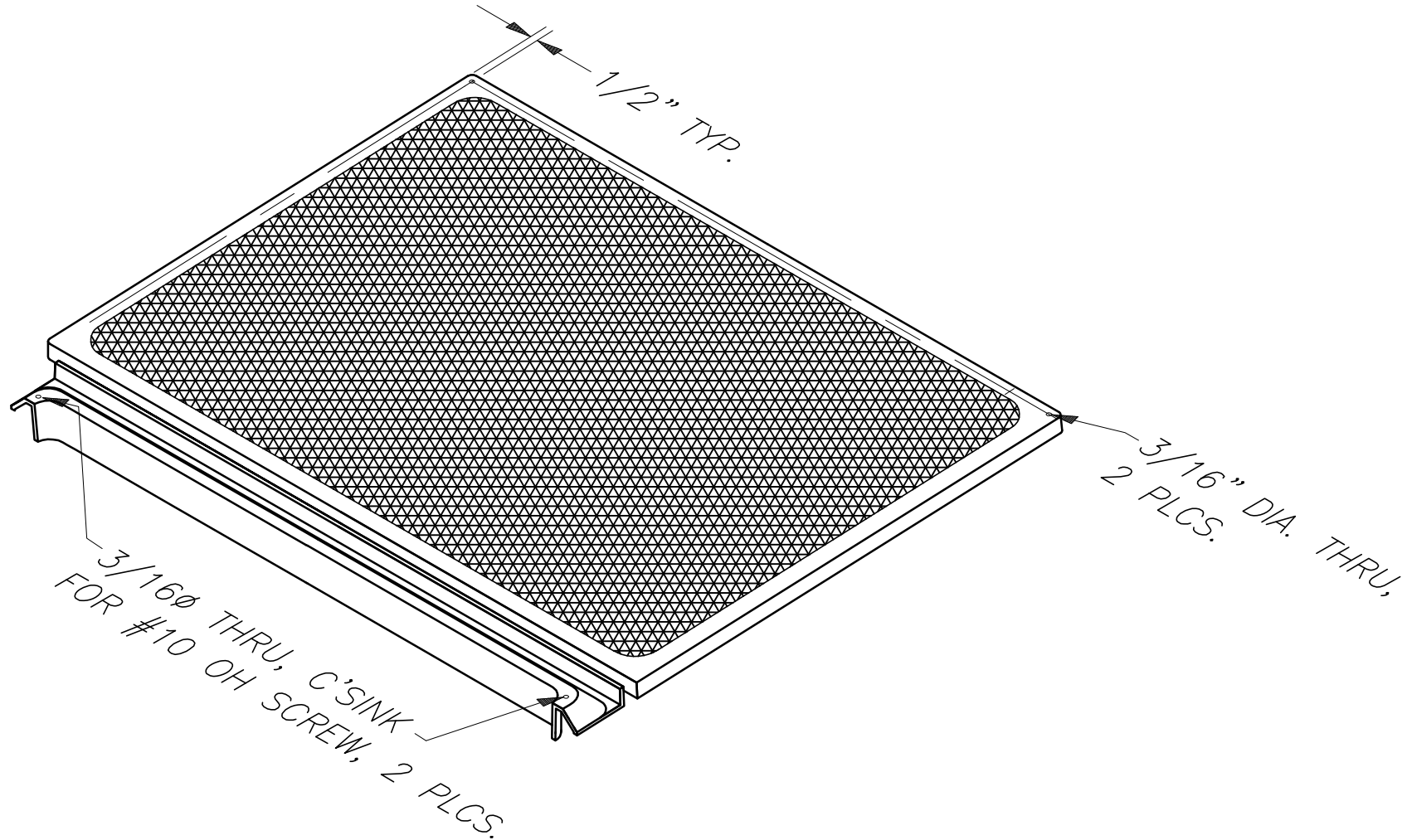
DWG. NO:
09301

REV.
B

CURRENT ECD
060228

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	04/21/03	-	030317
B	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228



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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 04/26/01	DRAWN: R DURHAM	DATE: 04/25/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: H. WOOD	DATE: 04/26/01	DWG. TITLE:			255CQ	
	DESIGN: R. DURHAM	DATE: 04/26/01	FUEL TANK COVER SUB ASSEMBLY			INIT. REL. ECN NO:	SHT. NO.
	INT. ENG: MG	DATE: 07/03/01			2276	DWG. NO:	1 of 1

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DWG. NO:
12401

REV.
D

CURRENT ECD
10066926

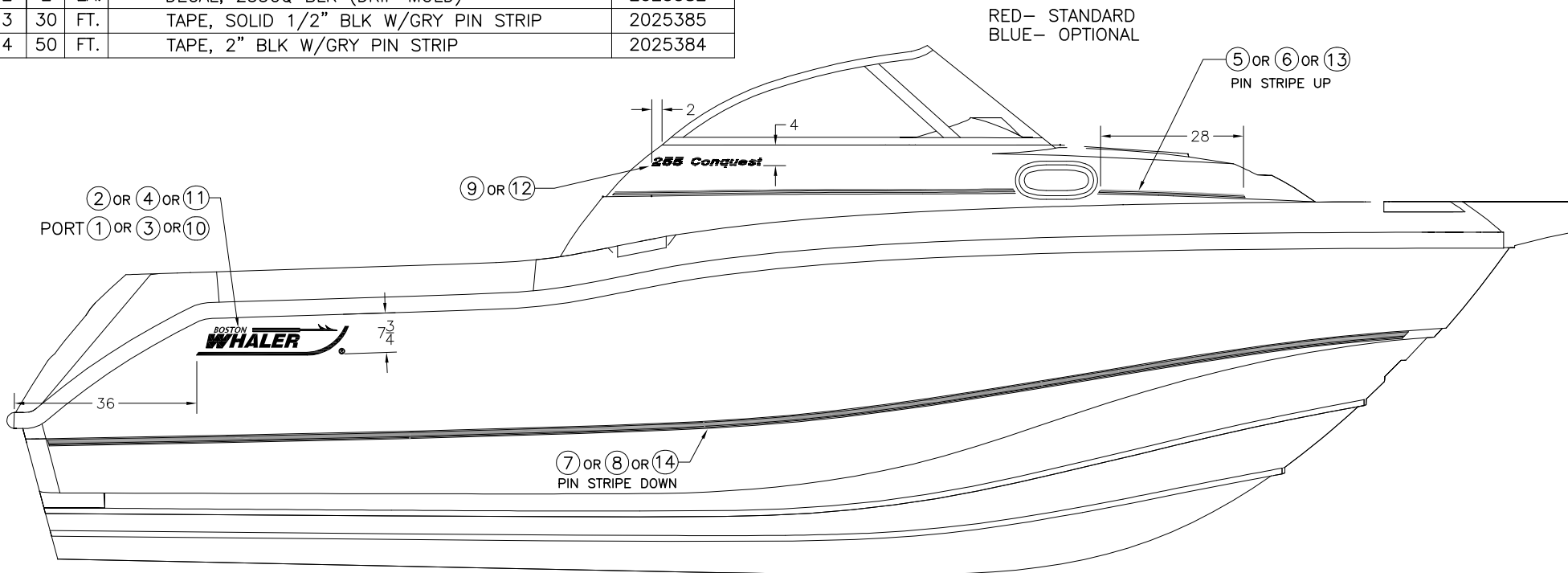
NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	2004 MODEL YEAR ENHANCEMENTS	HJR	05/08/03	RA	030345
B	Changed Numbering System/Apply Att.Border.	AVM	05/14/03	-	030317
C	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228
D	MYE'11: ADDED ITEM #'S 10-14	SBL	06/09/10	ST	10066926

Parts List

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
1	1	EA.	DECAL, BW-04 LOGO 29" RED PRT (DRIP MOLD)	1752941
2	1	EA.	DECAL, BW-04 LOGO 29" RED STB (DRIP MOLD)	1752942
3	1	EA.	DECAL, BW-04 LOGO 29" DK BLUE PRT (DRIP MOLD)	1752943
4	1	EA.	DECAL, BW-04 LOGO 29" DK BLUE STB (DRIP MOLD)	1752944
5	30	FT.	TAPE, SOLID 1/2" DK BLUE W/GRY PIN STRIPE	1754512
6	30	FT.	TAPE, SOLID 1/2" RED W/GRY PIN STRIPE	1754511
7	50	FT.	TAPE, 2" DK BLUE W/GRY PIN STRIP	1754514
8	50	FT.	TAPE, 2" RED W/GRY PIN STRIP	1754513
9	2	EA.	DECAL, BW-04 255CQ GRY (DRIP MOLD)	1753424
⑩	1	EA.	DECAL, BW-04 LOGO 29" BLK PRT (DRIP MOLD)	1752948
⑪	1	EA.	DECAL, BW-04 LOGO 29" BLK STB (DRIP MOLD)	1752949
⑫	2	EA.	DECAL, 255CQ BLK (DRIP MOLD)	2025382
⑬	30	FT.	TAPE, SOLID 1/2" BLK W/GRY PIN STRIP	2025385
⑭	50	FT.	TAPE, 2" BLK W/GRY PIN STRIP	2025384

⑩
⑪
⑫
⑬
⑭



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



CHECKED: R. DURHAM	DATE: 07/11/01	DRAWN: H READ	DATE: 07/11/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: KR	DATE: 07/11/01	DWG. TITLE: GRAPHICS LOCATIONS			INIT. REL. ECN NO: 2276	DWG. NO: 12401
DESIGN: L. SCHOLZ	DATE: 07/11/01					SHT. NO. 1 of 1
INT. ENG:	DATE:					

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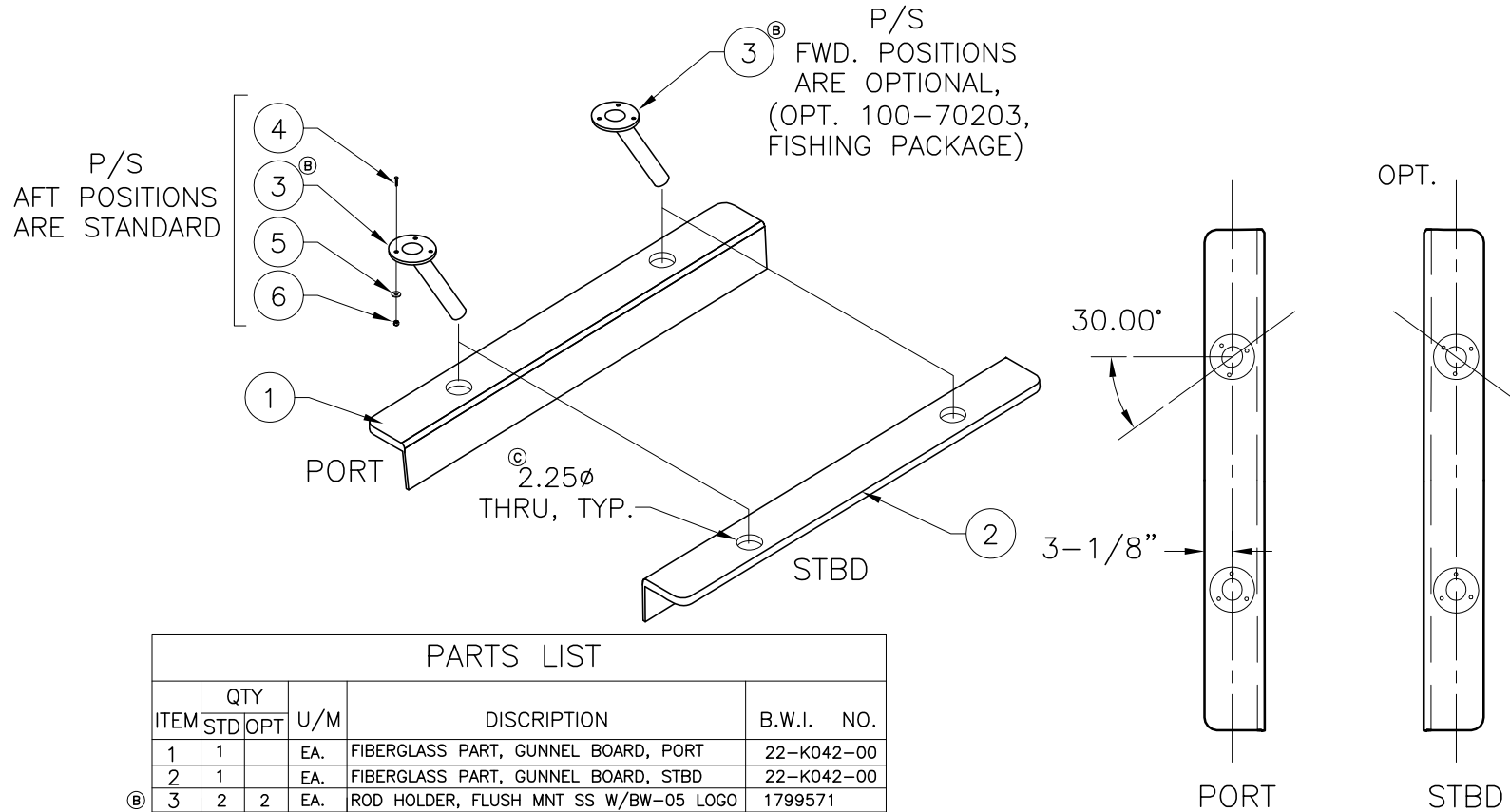
DWG. NO:
09226

REV.
C

CURRENT ECD
060217

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	ZAC	03-03-17
B	ITEM #03 P/N 1799571 WAS 1591643.	SL	07/26/05	ME	05-02-47
C	CHANGED HOLE SIZE FROM 2.5" TO 2.25"	CSR	02/15/06	ME	06-02-17

1. ALL ROD HOLDERS SHALL BE BEDDED IN WHITE SILICONE (UNDER FLANGE).
2. ALL FASTENERS SHALL BE SEALED W/ WHITE SILICONE WHEN INSTALLED.



PARTS LIST

ITEM	QTY		U/M	DISCRIPTION	B.W.I. NO.
	STD	OPT			
1	1		EA.	FIBERGLASS PART, GUNNEL BOARD, PORT	22-K042-00
2	1		EA.	FIBERGLASS PART, GUNNEL BOARD, STBD	22-K042-00
3	2	2	EA.	ROD HOLDER, FLUSH MNT SS W/BW-05 LOGO	1799571
4	6	6	EA.	SCREW, MACHINE #1/4-20 X 1.75" POH SC	0133744
5	6	6	EA.	WASHER, FLAT 1/4" SC	1260769
6	6	6	EA.	NUT, LOCK #1/4-20 SC STD PART	1009786

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = $\pm .5^\circ$.XXX = $\pm .010$
 .X = $\pm .1$ $\frac{X}{X}$ = $\pm 1/16$
 .XX = $\pm .03$
 DO NOT SCALE DRAWING

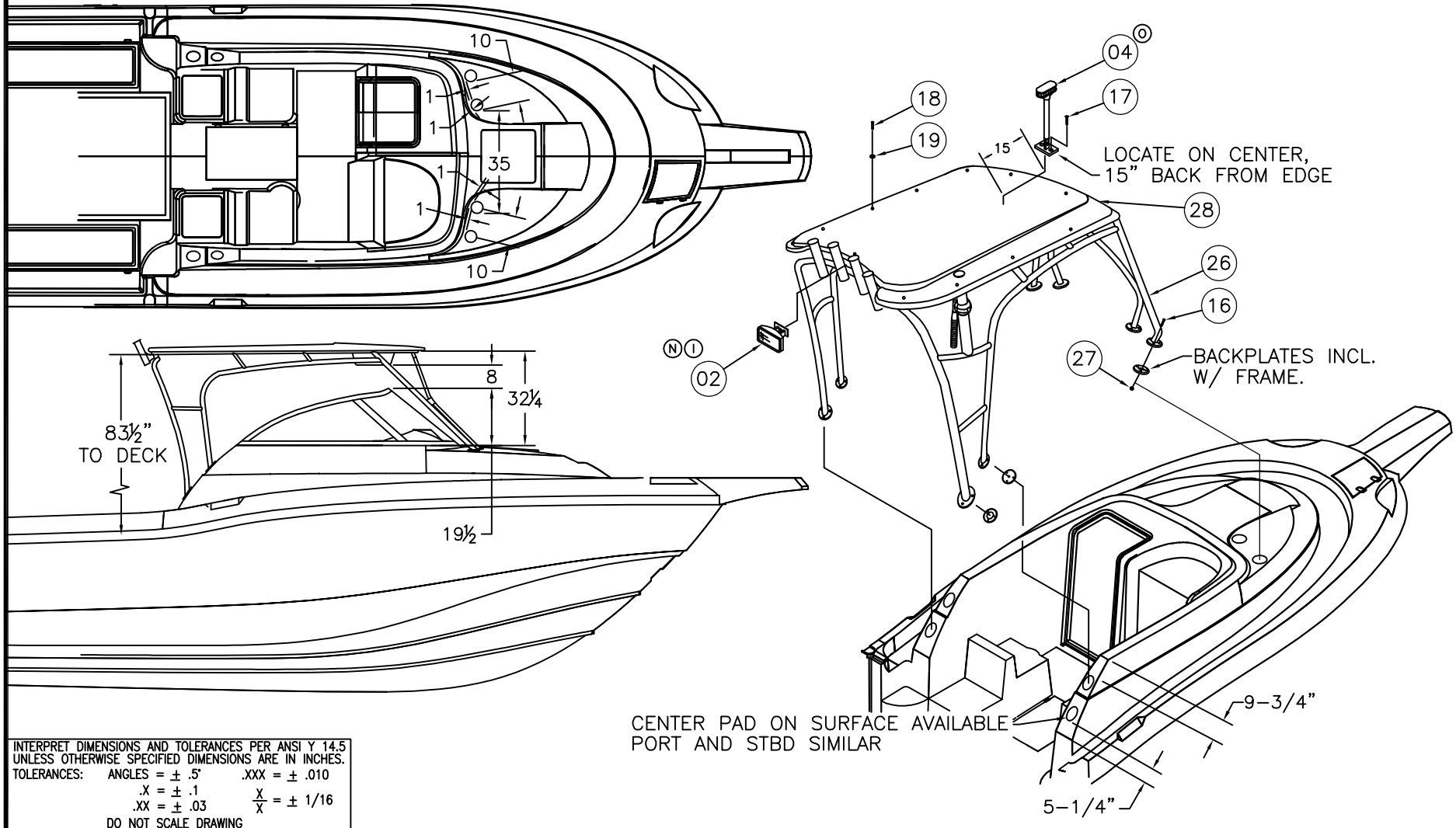
CHECKED: R. DURHAM	DATE: 5/22/01	DRAWN: HREAD	DATE: 05/10/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.	
APPD: K. RANIERI	DATE: 5/25/01	DWG. TITLE: GUNNEL BOARD			INIT. REL. ECN NO: 2276	DWG. NO: 09226	SHT. NO. 1 of 1
DESIGN: L. SCHOLZ	DATE: 5/25/01						
INT. ENG: M. GATICA	DATE: 7/03/01						

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DWG. NO: 08401
 REV. Q
 CURRENT ECD 10066989

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
P	Changed PN# 1753044, 1753051 to 1964045, 1964046	SG	9/2/09	AVR	08125680
Q	CHANGED PT# 1761590 TO 2018093. ITEM #3 SHT 5.	SG	06/23/10	MAE	10066989



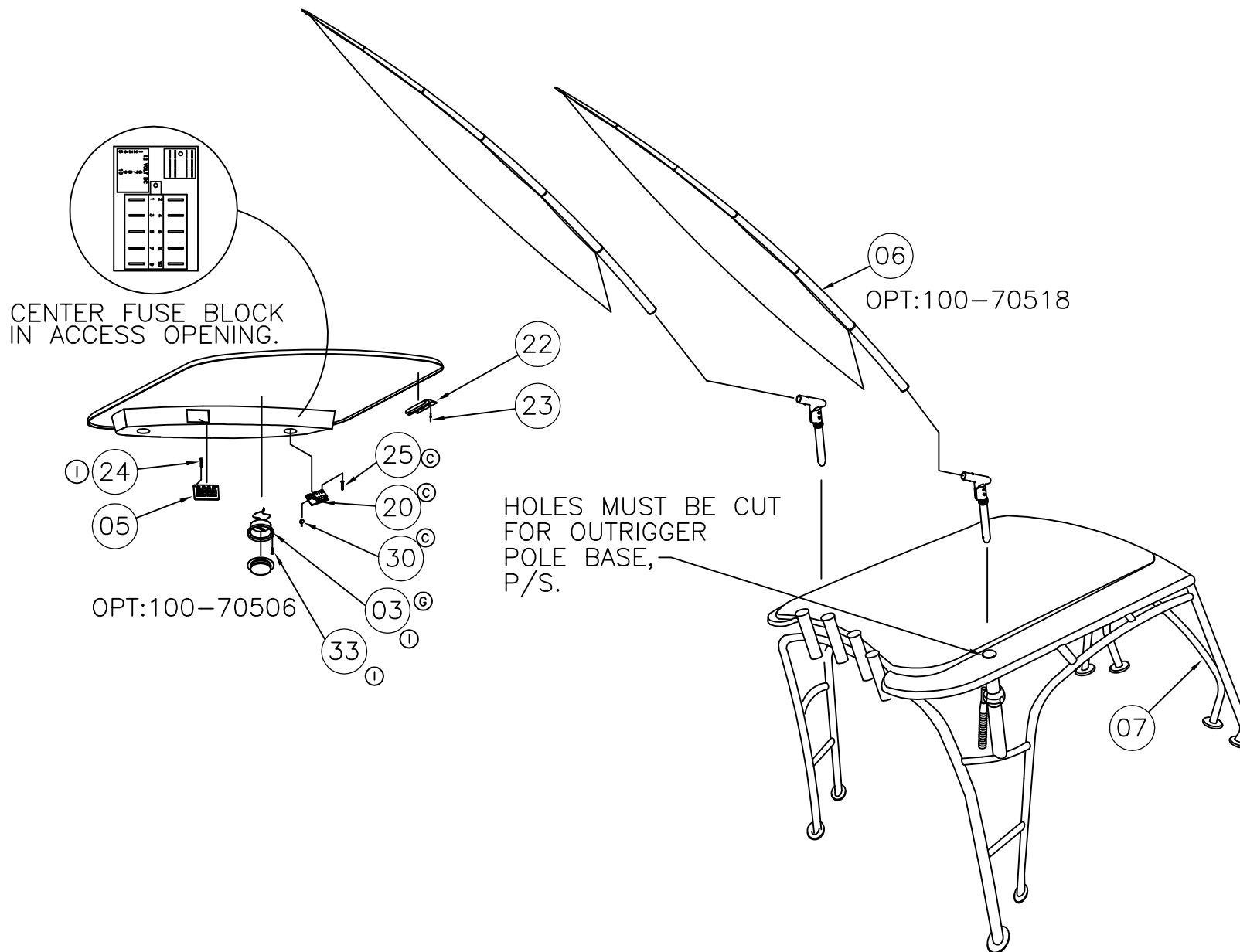
INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 TOLERANCES: ANGLES = ± .5° .XXX = ± .010
 .X = ± .1 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING

CENTER PAD ON SURFACE AVAILABLE PORT AND STBD SIMILAR



CHECKED: RA	DATE: 7/04/01	DRAWN: H READ	DATE: 07/03/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: LMS	DATE: 7/04/01	DWG. TITLE: HARDTOP CANVAS ASSEMBLY AND INSTALLATION			INIT. REL. ECN NO: 2276	DWG. NO: 08401
DESIGN: LMS	DATE: 7/04/01					SHT. NO. 1 OF 5
INT. ENG: MG	DATE: 7/06/01					

NOTES:



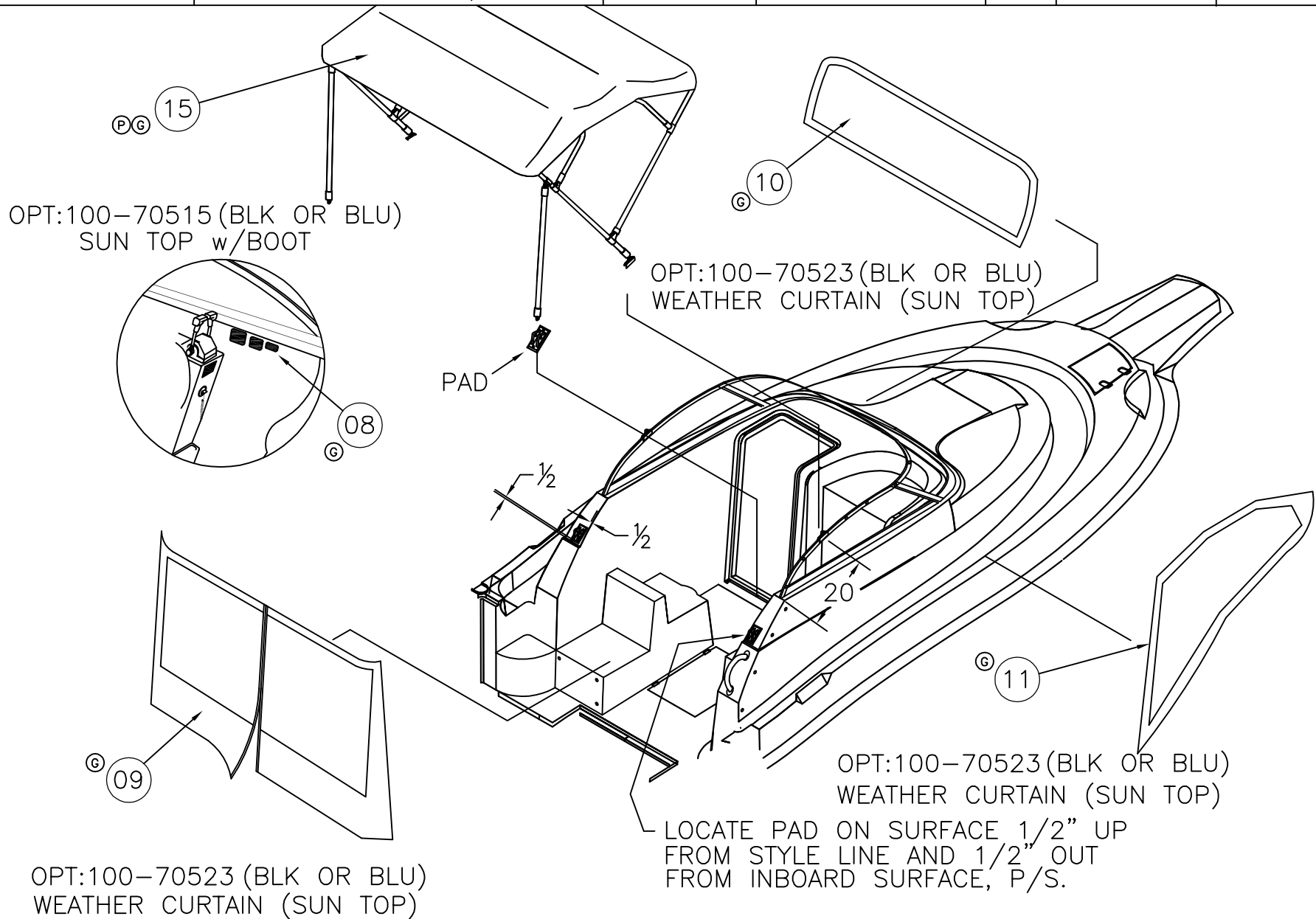
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DWG. NO:
08401

REV.
Q

CURRENT ECD
10066989

NOTES:

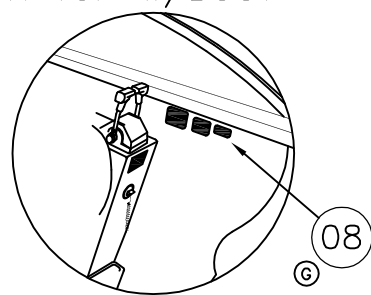


Ⓟ 15

Ⓢ 10

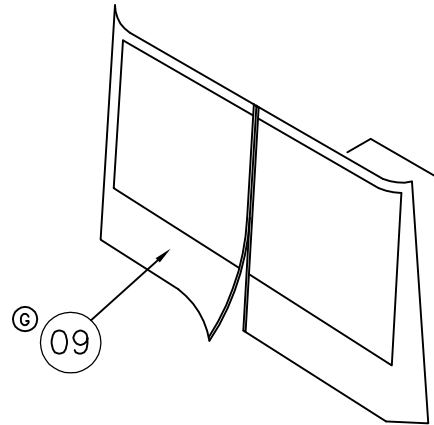
OPT:100-70515 (BLK OR BLU)
SUN TOP w/BOOT

OPT:100-70523 (BLK OR BLU)
WEATHER CURTAIN (SUN TOP)



Ⓢ 08

PAD



Ⓢ 09

1/2

1/2

20

Ⓢ 11

OPT:100-70523 (BLK OR BLU)
WEATHER CURTAIN (SUN TOP)

OPT:100-70523 (BLK OR BLU)
WEATHER CURTAIN (SUN TOP)

LOCATE PAD ON SURFACE 1/2" UP
FROM STYLE LINE AND 1/2" OUT
FROM INBOARD SURFACE, P/S.



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: H READ DATE: 07/03/01 SCALE: NONE
DWG. TITLE: HARDTOP CANVAS ASSEMBLY AND INSTALLATION

BOAT MODEL: 255CQ
INIT. REL. ECN NO: 2276

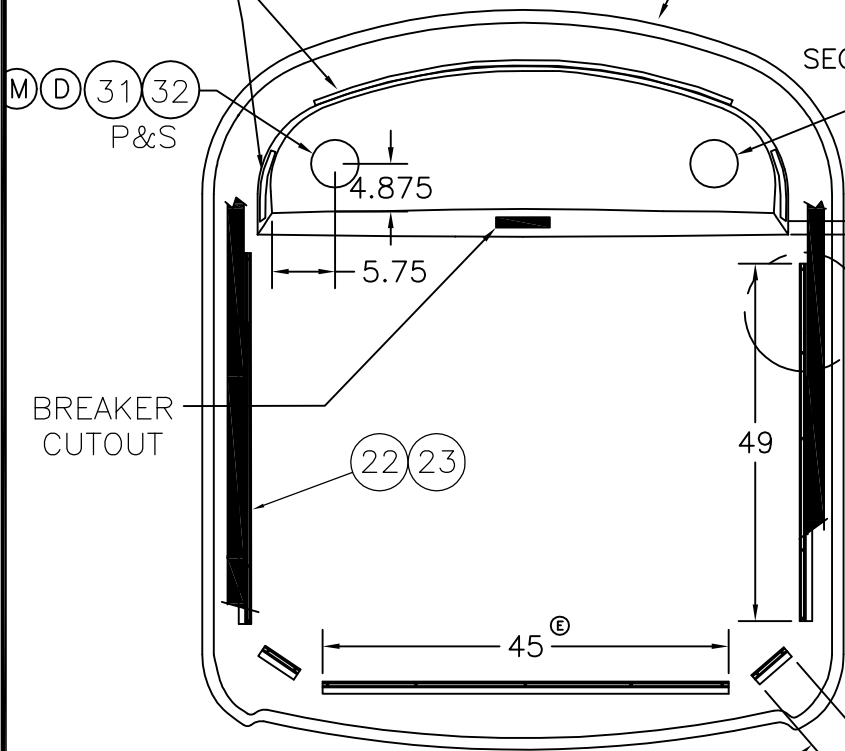
MOLD NO.
DWG. NO: 08401

SHT. NO. 3 OF 5

NOTES:

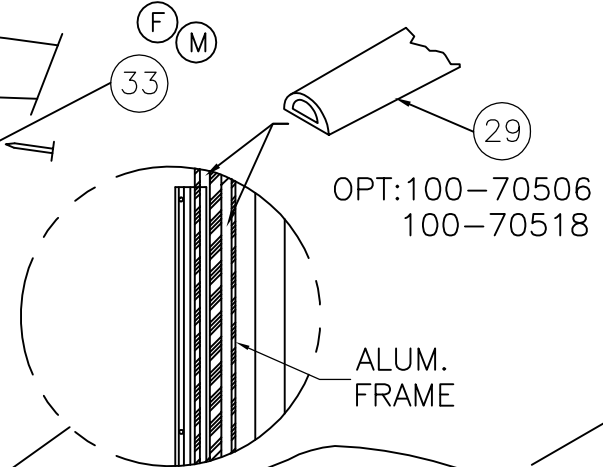
(L) TRIM AT 3/8" ENTIRE PART

(E) VINYL TRACK ON VERTICAL FACE
45" FRONT, 7" SIDES

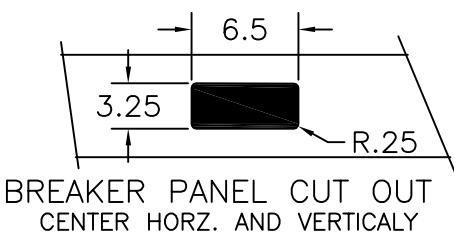
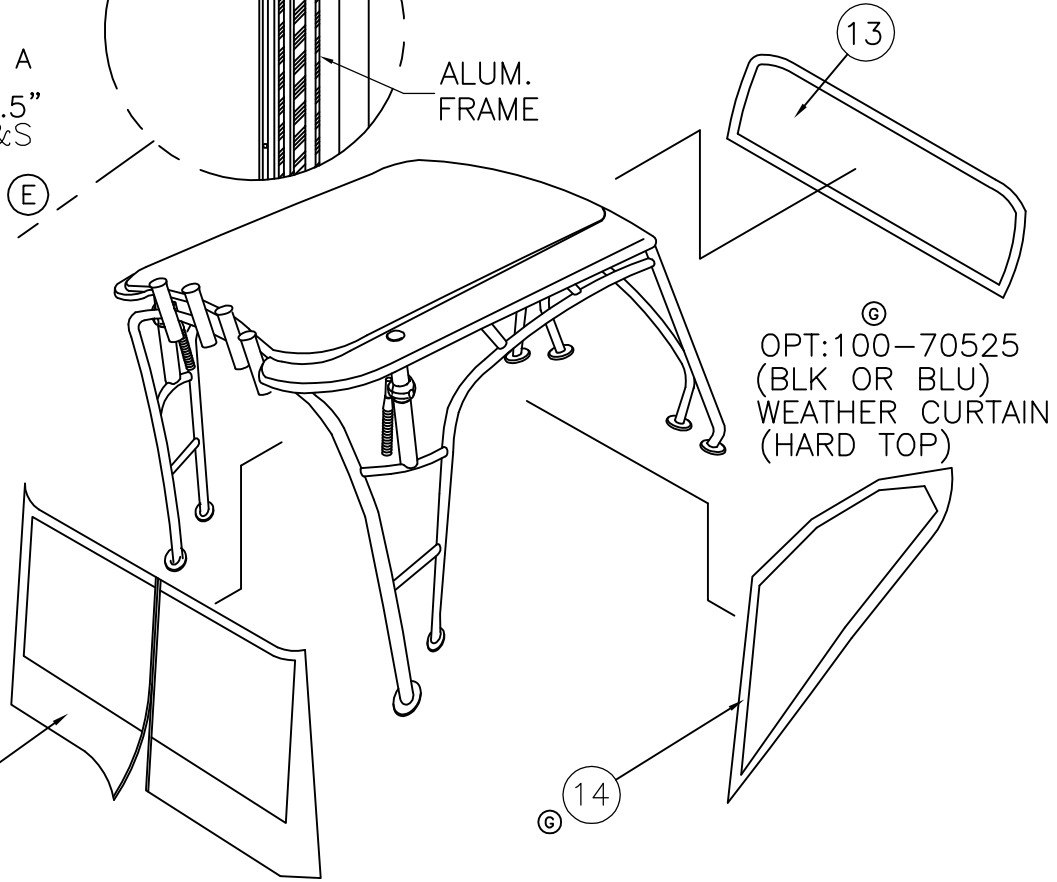


SECTION A

Ø5.5" P&S



ALUM. FRAME



NOTES:

Parts List					
	ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
(N) (I)	2	1	EA.	SPOTLIGHT, HALOGEN 12V FLOOD 55W WHT	1885625
(Q) (I) (G)	3	1	EA.	LIGHT, SGL DOME SURF MNT SS WHT/RED W/SW	2018093
(D)	4	1	EA.	LIGHT, NAV A/R 24" VERT MNT FOLDING	1751342
(G)	5	1	EA.	PANEL, BW255CQ-04 SWITCH HARDTOP	1754877
	6	1	PR.	OUTRIGGER POLES 16'	1614270
(I)	7	1	EA.	FRAME, BW255CQ-05 H/TOP W/RADIAL OUTRIGGERS	1775382
	8	1	EA.	LABEL, BW WARNING CARBON MONOXIDE CANVAS ENCL.	1110675
(G)	9	1	EA.	CANVAS, BW255CQ-04 BIM TOP DROP CURT BLK	1753046
	9A	1	EA.	CANVAS, 255CQ-02 BIM TOP DROP CURT BLUE	1611771
(G)	10	1	EA.	CANVAS, BW255CQ-04 BIM TOP VISOR CURT BLK	1753047
	10A	1	EA.	CANVAS, BW255CQ-02 BIM TOP VISOR CURT BLUE	1611797
(G)	11	1	EA.	CANVAS, BW255CQ-04 BIM TOP SIDE CURT SET BLK	1753045
	11A	1	EA.	CANVAS, BW255CQ-04 BIM TOP SIDE CURT SET BLUE	1611813
(G)	12	1	EA.	CANVAS, BW255CQ-04 H/T DROP CURT BLK	1753048
	12A	1	EA.	CANVAS, BW255CQ-02 H/T DROP CURT BLUE	1611839
(G)	13	1	EA.	CANVAS, BW255CQ-04 H/T VISOR CURT BLK	1753050
	13A	1	EA.	BW255CQ-02 H/T VISOR CURT BLUE	1611854
(G)	14	1	EA.	CANVAS, BW255CQ-04 H/T SIDE CURT SET BLK	1753049
	14A	1	EA.	CANVAS, BW255CQ-02 H/T SIDE CURT SET BLUE	1611888
(P) (G)	15	1	EA.	CANVAS, BW255CQ-09 BIM TOP W/MNT BLK	1964045
(P) (G)	15A	1	EA.	CANVAS, BW255CQ-09 BIM TOP W/MNT BLUE	1964046
	16	24	EA.	SCREW, MACHINE 1/4"-20 x 1.5 PPH SC	1008598
	17	2	EA.	SCREW, TAPPING #10A x 3/4" PTH SC	1008762
	18	12	EA.	SCREW, CAP #1/4-20 x 2" HEX HD SC	1480102
	19	12	EA.	WASHER, FENDER 1/4" x 1.25" SC	1260678
(C)	20	1	EA.	FUSE BLOCK, 10-GNG BLADE-TYPE W/BLANK	1688102
	22	17.3	FT.	CANVAS, BW-00 SLIDE TRACK HARDTOP	1357730
(F)	23	26	EA.	SCREW, TAPPING #6 x 3/4" PFH SC	1010370
(I)	24	4	EA.	SCREW, TAPPING #6A x 1/2" PTH SC	1008796
(C)	25	4	EA.	SCREW, TAPPING #8A x 1" PTH SC	1008804
(I)	26	1	EA.	FRAME, BW255CQ-05 H/T BRUSHED FINISH	1770966
	27	24	EA.	NUT, HEX NYLON LOCK #1/4-20 SC	1007764
	28	1	EA.	FIBERGLASS HARDTOP	22-K036-00
(J)	29	25	FT.	TRIM-SEAL, #X1333BT SELF-ADH BLK	1232156
(C)	30	1	EA.	BOOT, PVC TERMINAL INSULATOR CAP RED	1689904
(D)	31	2	EA.	ACCESS PLATE, POLYPROP TWIST-OUT 5"	1016153
(M) (F) (D)	32	12	EA.	SCREW, TAPPING #8A X 5/8" PPH SC	1010677
(M) (I)	33	17	EA.	RIVET, POP/BLIND #3/16 X 5/8"	189415



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 .x = ± .1 X = ± 1/16
 .xx = ± .03

DO NOT SCALE DRAWING

DRAWN: H READ

DATE: 07/03/01

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

HARDTOP CANVAS ASSEMBLY AND INSTALLATION

255CQ

INIT. REL. ECN NO:

2276

DWG. NO:

08401

SHT. NO.

5 OF 5

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DWG. NO:
07207

REV.
F

CURRENT ECD
060228

NOTES:


REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	ADDED LOOM, NO LOOM NOTES, AND WIRE SCHEMATIC.	SL	04/01/03	ZAC	030227
E	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
F	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228

WIRE #	AWG	COLOR	FROM	TO	LENGTH FEET	TERM	TERM
③ 130	8	RED	CONTROL STATION NOTE 8	HARDTOP FUSE BLOCK	14' 10"	#10R	10R
③ 131	8	BLK	HARDTOP FUSE BLOCK NOTE 8	CONTROL STATION	14' 10"	#10R	10R
③ 207A	14	GRY/WHT	CONTROL STATION NOTE 8	HARDTOP ALL ROUND LIGHT	8' 6"	BUTT	BUTT
208A	14	BLK	HARDTOP ALL ROUND LIGHT	FUSE PANEL GROUND BUS	3	BUTT	FQD
③ 620	14	BLU	HARDTOP SWITCH PANEL NOTE 9	SPREADER LIGHT	7	BUTT	FQD
③ 621	14	BLK	SPREADER LIGHT NOTE 9	FUSE PANEL GROUND BUS	7	BUTT	#10R
622	14	BLU/VIO	HARDTOP SWITCH PANEL NOTE 10	DOME LIGHT	3	BUTT	FQD
623	14	BLK	DOME LIGHT NOTE 10	FUSE PANEL GROUND BUS	3	BUTT	#10R

- 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.) ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED.
- 5.) SPOT TAPE HARNESS EVERY 12 TO 14 INCHES.
- 6.) TERMINATION'S SPECIFIED ARE TO BE HEAT SHRINK ADHESIVE SEALED TYPE.
- 7.) SHEATH ENTIRE HARNESS IN FLAME RETARDENT SPLIT LOOM EXPOSING 6" AT THE ENDS OF EACH BREAKOUT.
- ③ 8.) BUNDEL WIRES 130,131 & 207A TOGETHER (LOOM).
- ③ 9.) BUNDEL WIRES 620 & 621 TOGETHER (NO LOOM).
- ③ 10.) BUNDEL WIRES 622 & 623 TOGETHER (NO LOOM).
- 11.) NO LOOM ON WIRE # 208A.

GRY/WHT
12"
GRY/WHT
8 GA RED/BLK

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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 6/28/01	DRAWN: R CLIFTON	DATE: 06/28/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R CLIFTON	DATE: 6/28/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 6/30/01	HARDTOP HARNESS			INIT. REL. ECN NO:	SHT. NO.
	INT. ENG: M. GATICA	DATE: 7/2/01				2276	07207

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DWG. NO:
07801

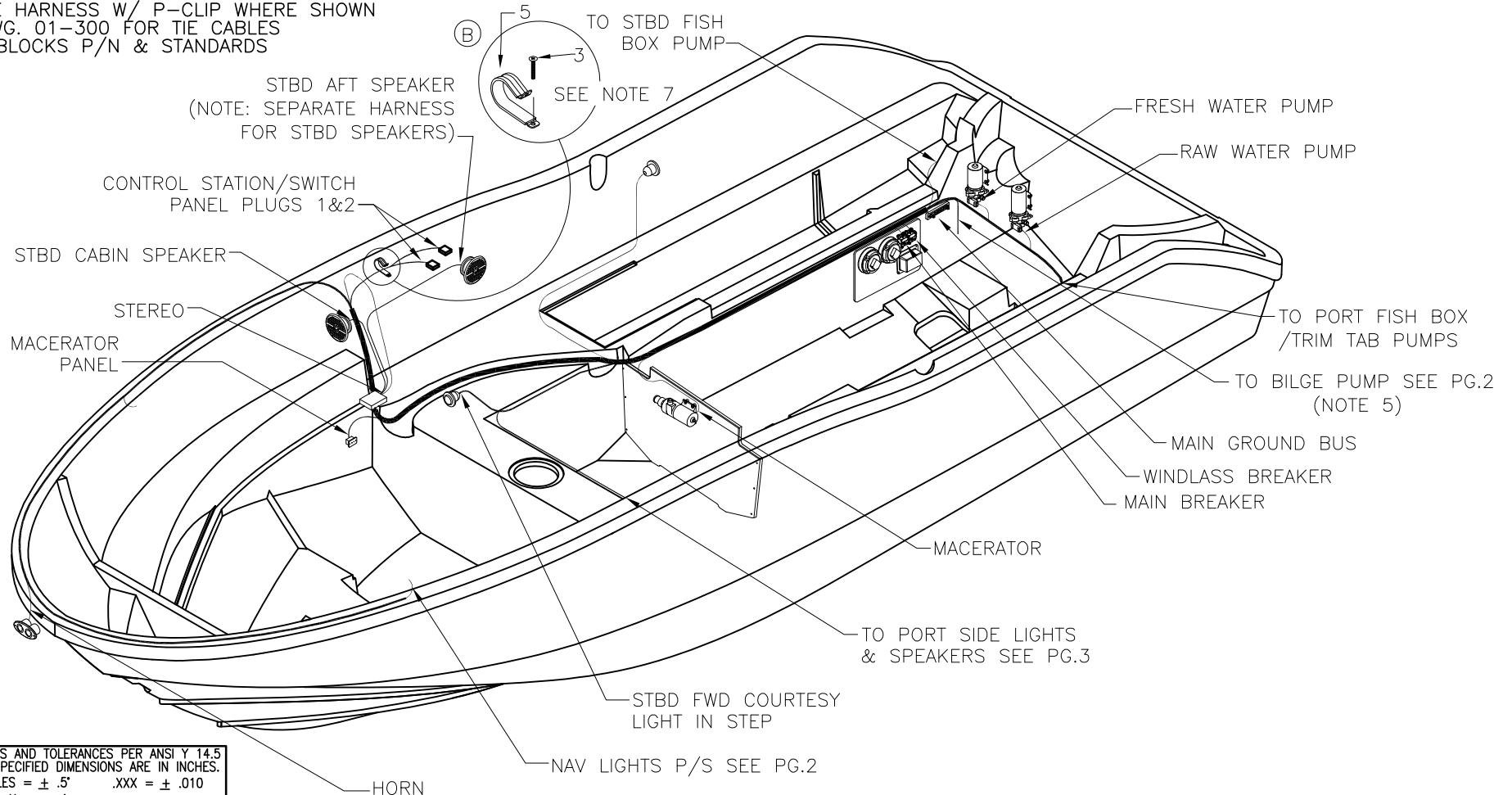
REV.
F

CURRENT ECD
08065289

NOTES:

1. SECURE HARNESS w/ TIE CABLES, TIE BLOCKS, & SCREWS ON 14" MAX CENTERS. INSTALLATION SHALL BEGIN AT "POB".
2. USE ELECTRICAL TAPE AS REQ'D TO RETAIN ALL WIRING INSIDE LOOM.
3. ALL TERMINAL CONNECTIONS SHALL BE CORROSION SEALED USING T-9 SPRAY.
4. SEE DWG. #07-205 FOR HARNESS CONSTRUCTION.
5. MAKE CONNECTION AS HIGH AS POSSIBLE ABOVE NORMAL ACCUMULATION OF BILGE WATER
6. WIRE TO BE ROUTED THRU TROUGH WIRE TRAY AND SECURED TO FWD BULKHEAD.
7. SECURE HARNESS W/ P-CLIP WHERE SHOWN
8. SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
B	ADDED NOTE #6 AND BUBBLE, SHEET 1	SLJ	01/29/03	ZAC	030127
C	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228
E	MYE' 07 DELETE FUEL FILL GROUND	HJR	06/05/06	MG	060358
F	REMOVE ITEMS 1&2 AND ADD NOTES TO REFER DWG. 01-300 & UPDATED QTY ON ITEM 3	JF	06/09/08	AVM	08065289



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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 6/22/01	DRAWN: R CRAVEN	DATE: 06/21/01	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: R CLIFTON	DATE: 6/20/01	DWG. TITLE:			255CQ		
	DESIGN: L. SCHOLZ	DATE: 6/22/01	HARNESS INSTALLATION			INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
	INT. ENG: M. GATICA	DATE: 7/2/01				2276	07801	1 of 3

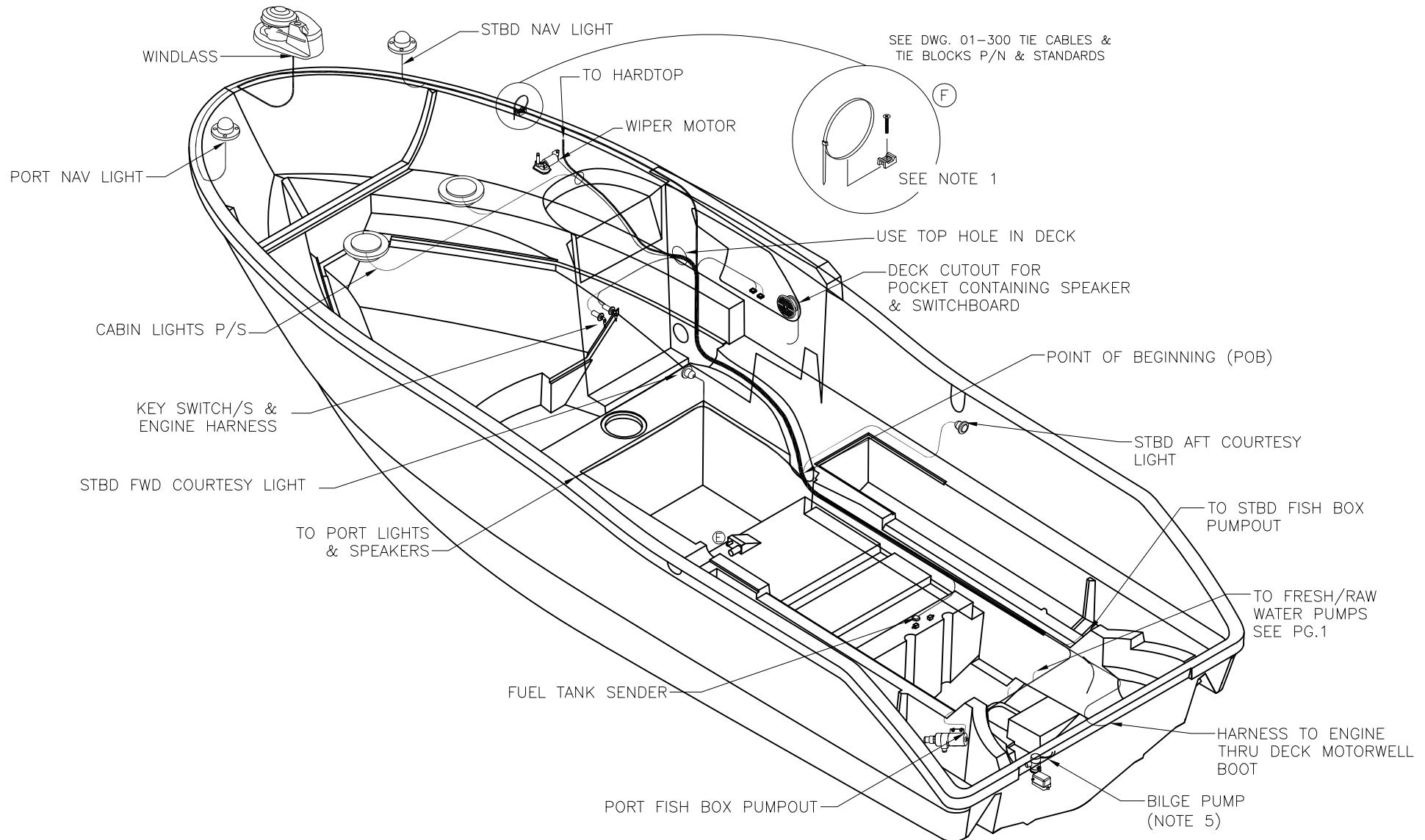
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DWG. NO:
07801

REV.
F

CURRENT ECD
08065289

NOTES:



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R CRAVEN DATE: 06/21/01 SCALE: NONE
DWG. TITLE: HARNESS INSTALLATION

BOAT MODEL
255CQ
INIT. REL. ECN NO:
2276

MOLD NO.
DWG. NO:
07801

SHT. NO.
2 OF 3

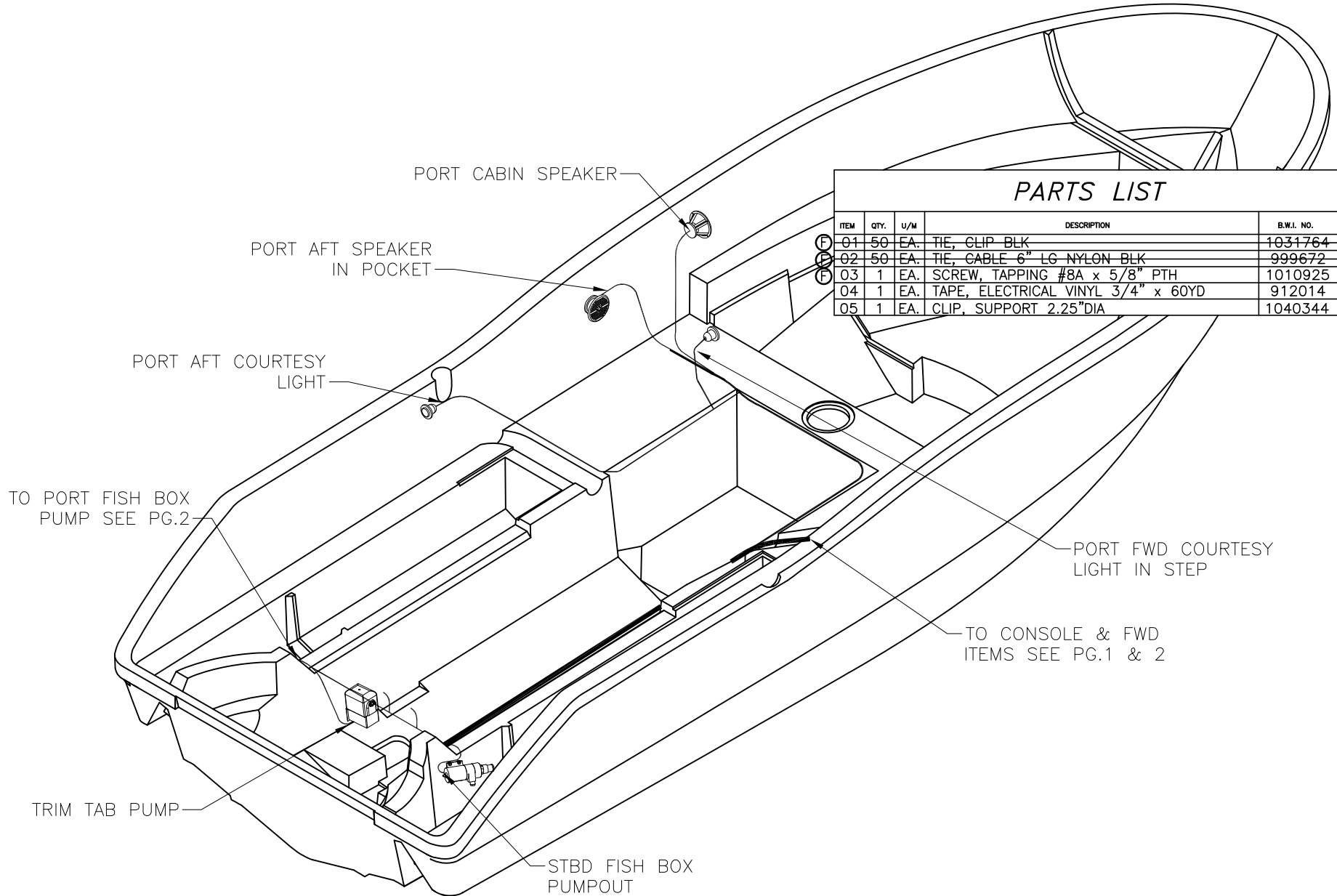
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DWG. NO:
07801

REV.
F

CURRENT ECD
08065289

NOTES:



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 CRAVEN DATE:06/21/01 SCALE: NONE
 DWG. TITLE: HARNESS INSTALLATION

BOAT MODEL
255CQ
 INIT. REL. ECN NO:
2276

MOLD NO.
 DWG. NO:
07801
 SHT. NO.
3 of 3

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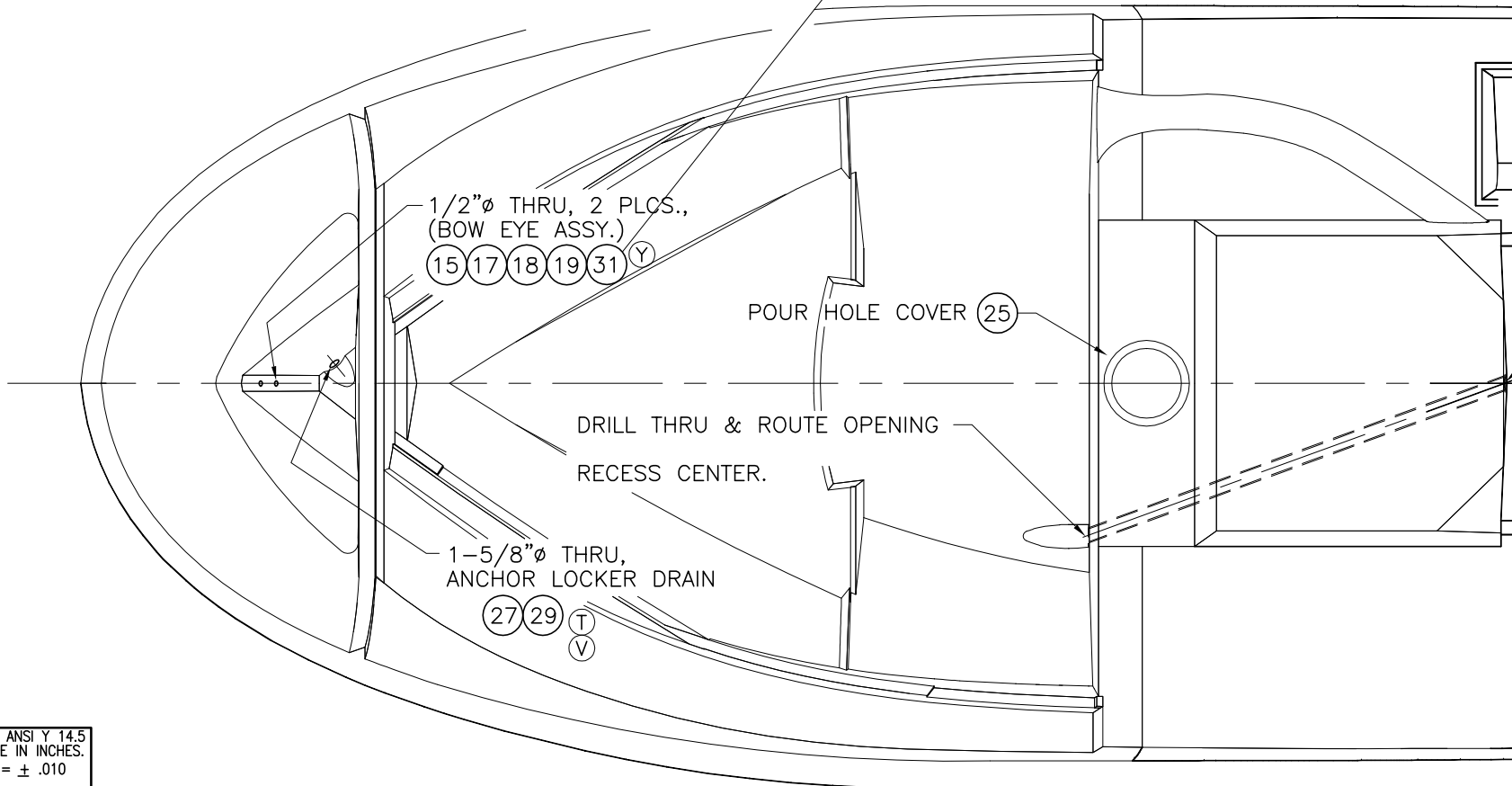
DWG. NO: 06101
 REV. AA
 CURRENT ECD 11037630

NOTES:

- UNLESS OTHERWISE NOTED, CUTOUT IS STANDARD.
 - FIXTURES SHALL BE USED FOR ALL CUTOUTS. SEE FIXTURE LIST DWG. 01-201.
 - ALL THRU HULL CUTS WHICH RESULT IN EXPOSED WOOD, FOAM OR PHENOLIC MUST BE SEALED USING WHITE CATALYZED GEL COAT.
 - ALL THRU HULLS SHALL BE INSTALLED USING WHITE URETHANE CAULK ON INTERNAL & EXTERNAL GEL COAT SURFACES.
 - SNAP DRAIN (PARTS: 1806032 & 1806030/1806031) SHALL ALWAYS HAVE THE FEMALE (1806032) INSTALLED ON THE OUTSIDE OF THE HULL.
 - REFER TO DWG 6 OF 7 FOR B.O.M.
4. PREP BONDING SURFACE OF POUR HOLE COVER WITH LIGHT SCUFF OF 100 GRIT, FOLLOWED BY WIPE WITH CLEAN CLOTH PRIOR TO APPLICATION OF APPROVED ADHESIVE.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
U	DELETE C'BORE FUEL VENT	HJR	06/05/06	MG	060358
V	DELETE 4&5, ADD 27-30, ϕ WAS 1-1/2", DIM WAS 5-1/5"	SWH	8/22/06	AVM	060898
W	REPLACED ITEMS 04, 05 & 26 WITH ITEM 06 & 13, SHEETS 6 & 7	SLJ	02/05/07	AVM	06113799
X	CHANGED PT# 168911,1687508,1521418 TO 1838234,1907839,1919746	TJ	2/11/09	AF	08095466
Y	ADDED WASHER FLAT # 1/2" SC	DGC	03/02/09	AVR	09015708
Z	Replace 1032499 with 1966383 and 1691075 with 1968013	SG	08/20/09	AVR	09035036
AA	ADD NOTE FOR APPLICATION OF POUR HOLE COVER	JFH	04/15/10	JK	11037630

Y NEED WASHER BETWEEN LIFT EYE AND PLATE



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



CHECKED: K. RANIERI	DATE: 05/14/01	DRAWN: R DURHAM	DATE: 05/10/11	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: K. RANIERI	DATE: 05/14/01	DWG. TITLE: HULL CUTOUTS AND THRU HULL FTGS.			INIT. REL. ECN NO: 2276	DWG. NO: 06101
DESIGN: L. SCHOLZ	DATE: 05/14/01					SHT. NO. 1 of 7
INT. ENG: M. GATICA	DATE: 07/06/01					

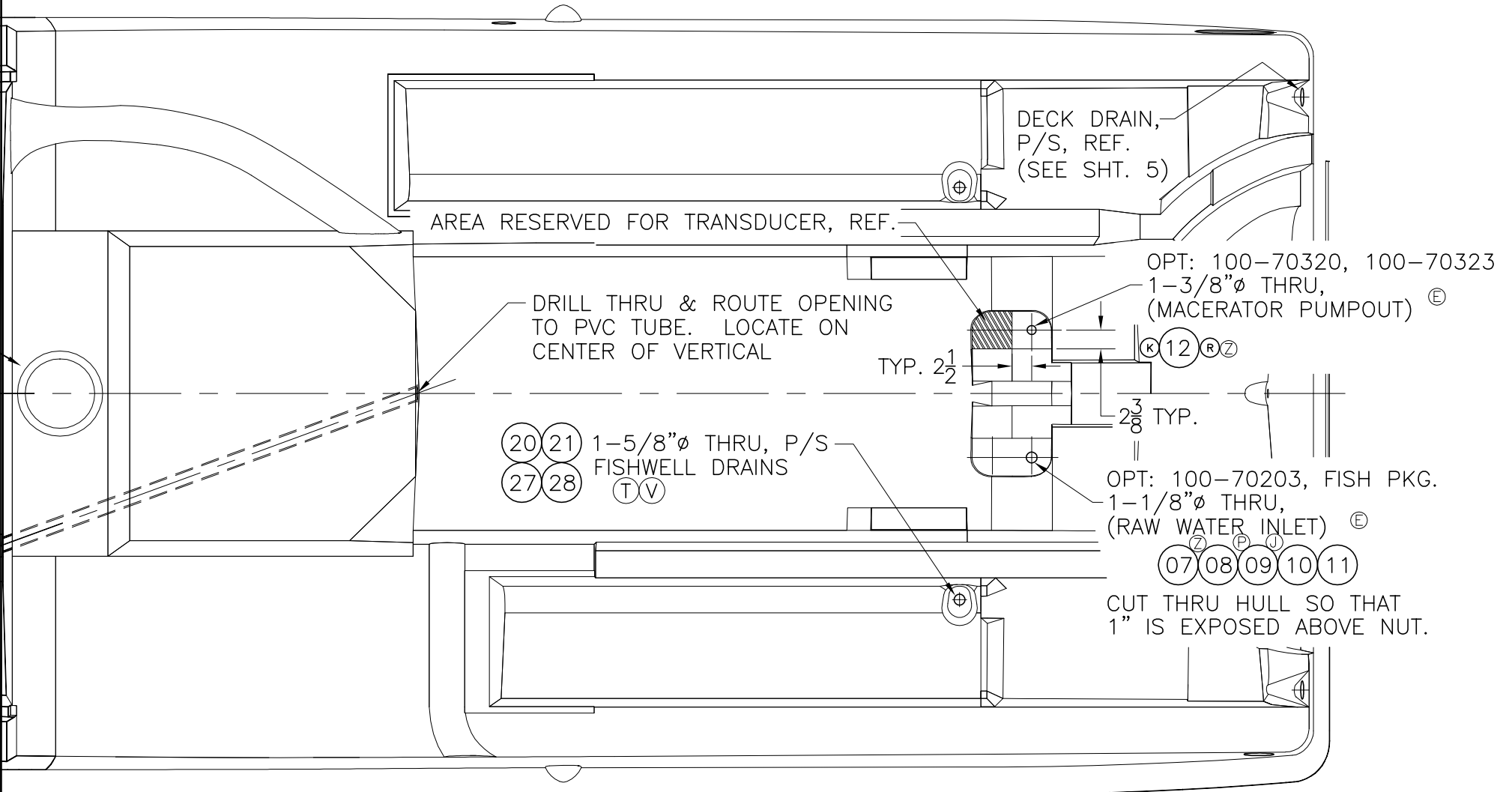
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DWG. NO:
06101

REV.
AA

CURRENT ECD
11037630

NOTES:



PLAN-VIEW



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

DRAWN: R DURHAM

DATE: 05/10/01

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

HULL CUTOUTS AND THRU HULL FTGS

255CQ

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

06101

2 of 7

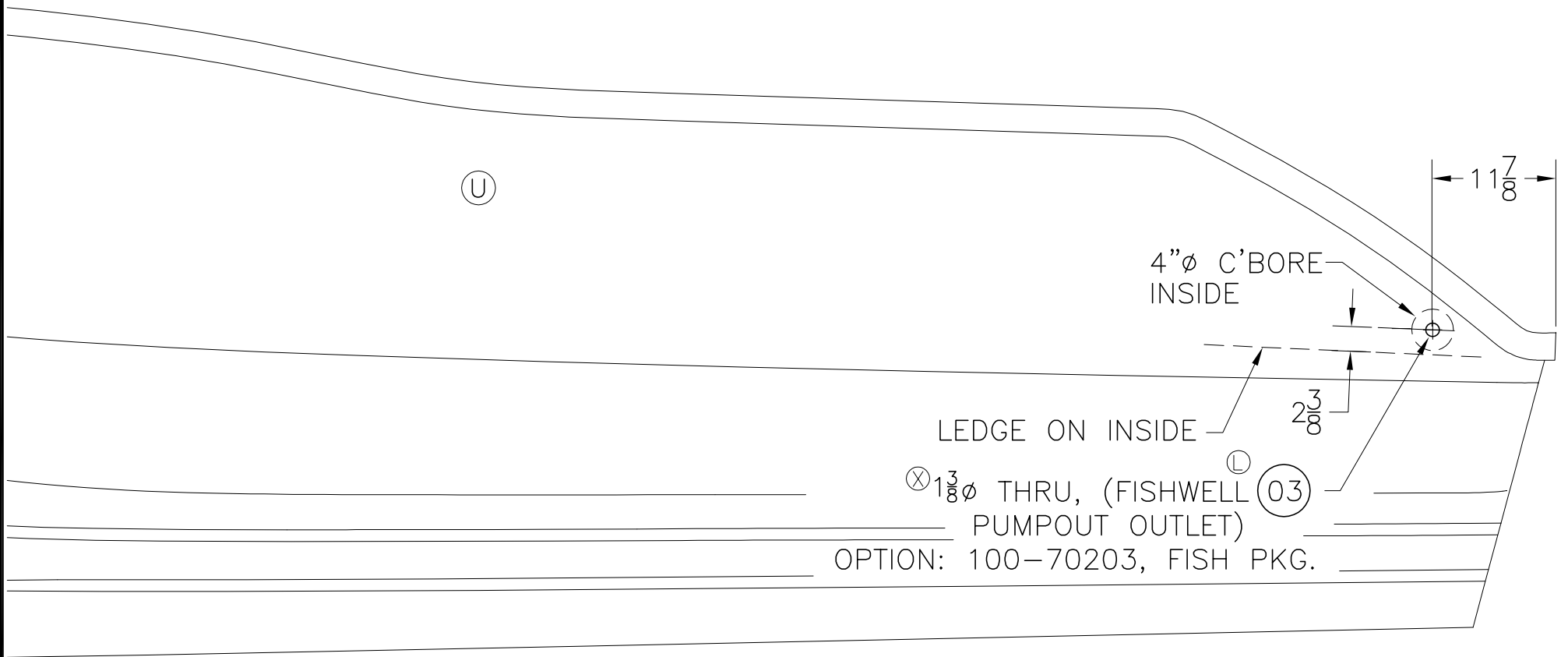
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DWG. NO:
06101

REV.
AA

CURRENT ECD
11037630

NOTES:



PORT ELEVATION



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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DRAWN: R DURHAM DATE: 05/10/01 SCALE: NONE
 DWG. TITLE: HULL CUTOUTS AND THRU HULL FTGS

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
06101

SHT. NO.
3 OF 7

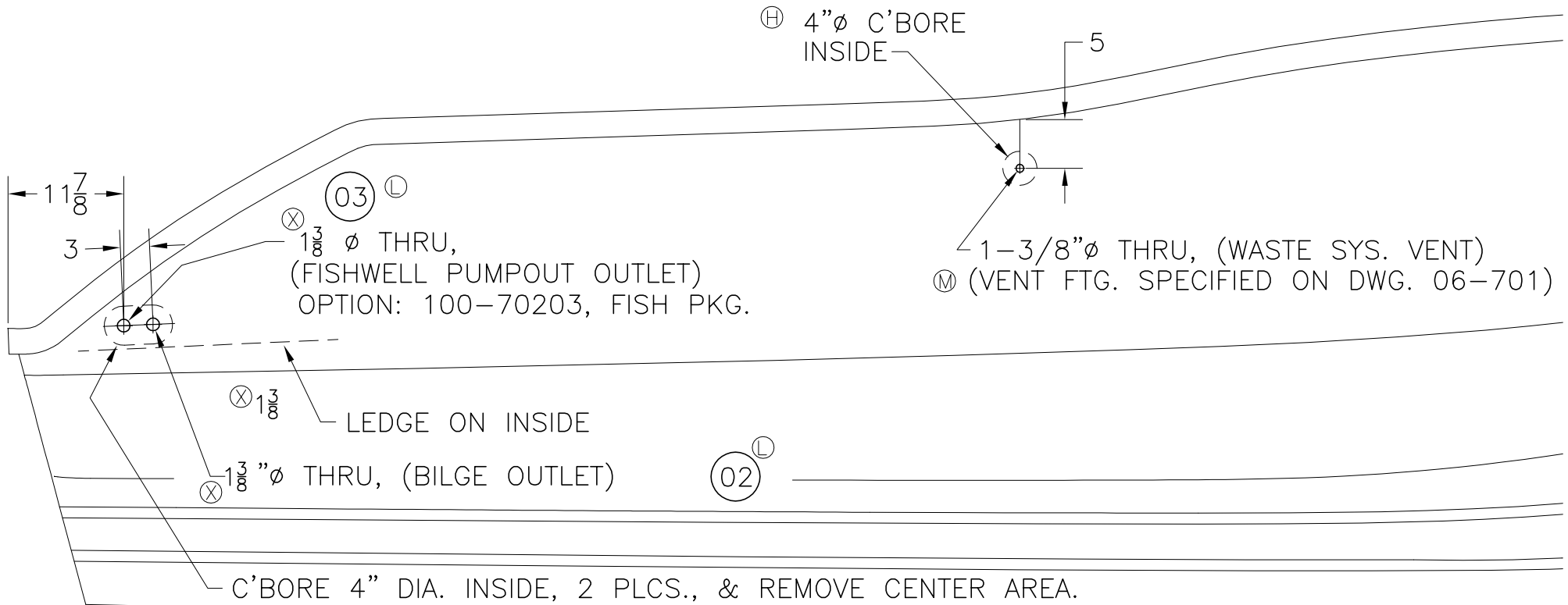
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DWG. NO:
06101

REV.
AA

CURRENT ECD
11037630

NOTES:



STBD. ELEVATION



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.X = $\pm .1$ X = $\pm 1/16$
.XX = $\pm .03$
DO NOT SCALE DRAWING

DRAWN: R DURHAM

DATE: 05/10/01

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

HULL CUTOUTS AND THRU HULL FTGS

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

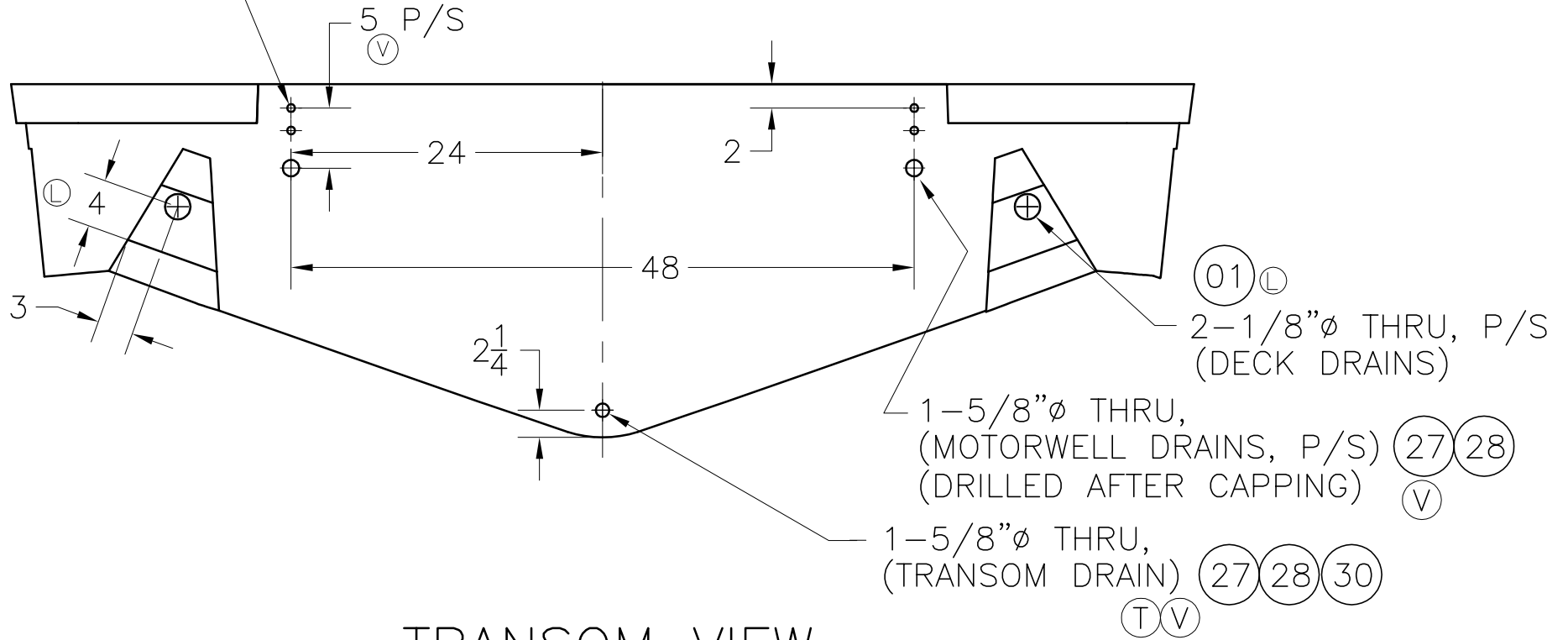
2276

06101

4 of 7

NOTES:

Ⓚ 17/32" ϕ THRU,
4 PLACES
Ⓜ16 Ⓜ18 Ⓜ19 (STERN EYES)
DO NOT DRILL UNTIL BOAT HAS CAPPED.



TRANSOM VIEW

NOTES:

- ALL HOLES SHALL BE CUT PERPENDICULAR TO TRANSOM.

NOTES:

PARTS LIST

ITEM	QTY.		U/M	DESCRIPTION	B.W.I. NO.
	STD.	OPT.			
(X)(L) 01	2	-	EA.	THRU-HULL, SS 1.5"X 1.5"BARB X-LONG W/FLAP	1838234
(X)(L) 02	1	-	EA.	THRU-HULL, SS 1 1/8"X 1 1/8"BARB (ATTWOOD)	1907839
(X)(L) 03	-	2	EA.	THRU-HULL, SS 1 1/8"X 1"BARB (ATTWOOD)	1919746
(V)(T)(I) 04	3	-	EA.	THRU-HULL, PVC PRESS FIT	1042084
(V)(T)(I) 05	3	-	EA.	NUT, PVC RETAINING THRU-HULL	1042068
(W) 06	1	-	EA.	THRU-HULL, PLAS 1 3/8"X 12" WHT	1758649
(Z) 07	-	1	EA.	THRU-HULL, BRZ 3/4"X 5.33"LONG	1966383
08	-	1	EA.	VALVE, MARELON BALL 2-WAY 3/4"	0557959
(P)(L)(J) 09	-	1	EA.	ADAPTER, NYLON 3/4"MPT X 3/4"FPT BLK	1756192
10	-	1	EA.	STRAINER, MARELON 3/4" SCREEN ONLY	0995589
11	-	4	EA.	SCREW, TAPPING #6A x 3/4" POH SC	1008564
(Z)(K) 12	-	1	EA.	THRU-HULL, BRZ 1"X 5.33"LONG	1968013
(W)(R) 13	1	-	EA.	ELBOW, 90 DEG PLAS 1 1/8" BARB WHITE POLY	1883722
(R) 14	-	1	EA.	ELBOW, MARELON 1" MPT x 1"BARB x 90DEG.	0995555
15	1	-	EA.	EYE, BOW 1/2" x 6" SS	0995472
(Q) 16	2	-	EA.	EYE, BOW 1/2"X 3 7/16" SS	0126557
(M) 17	1	-	EA.	EYE, LIFTING 1/2" SS	1750949
18	5	-	EA.	NUT, ACORN #1/2-13 SC	1662402
19	5	-	EA.	WASHER, LOCK/SPLIT 1/2" SC	1326214
20	2	-	EA.	VENT, CLAMSHELL ROPE LCKR 2"X2"	0533430
21	6	-	EA.	SCREW, TAPPING #8A X 1/2" POH SC	1010578
(I) 22	1	-	EA.	THRU-HULL ASSEMBLY, 11"	1073071
(G) 23	1	-	EA.	CLEAT, 8" SS HVY DUTY HOLLOW BASE	1027010
(G) 24	4	-	EA.	SCREW, MACHINE #1/4-20 x 1.25" PFH SC	1213289
(F) 25	1	-	EA.	COVER, ABS BWCQ-99 11.75" POUR HOLE WHT	1210764
(W)(L)(I) 26	.688	-	FT	PIPE PVC SCH 160 BOE PIPE 3/4"	167247
(V)(T) 27	6	-	EA.	THRU-HULL, MARELON BW-06 SHORT FEMALE	1806032
(V)(T) 28	5	-	EA.	THRU-HULL, MARELON BW-06 SHORT MALE	1806031
(V)(T) 29	1	-	EA.	THRU-HULL, MARELON BW-06 LONG MALE	1806030
(V)(T) 30	2	-	FT	PLUG, MARELON BW-06 DRAIN 1" W/GASKET	1806033
(Y) 31	2	-	FT	WASHER FLAT # 1/2" SC	1260801

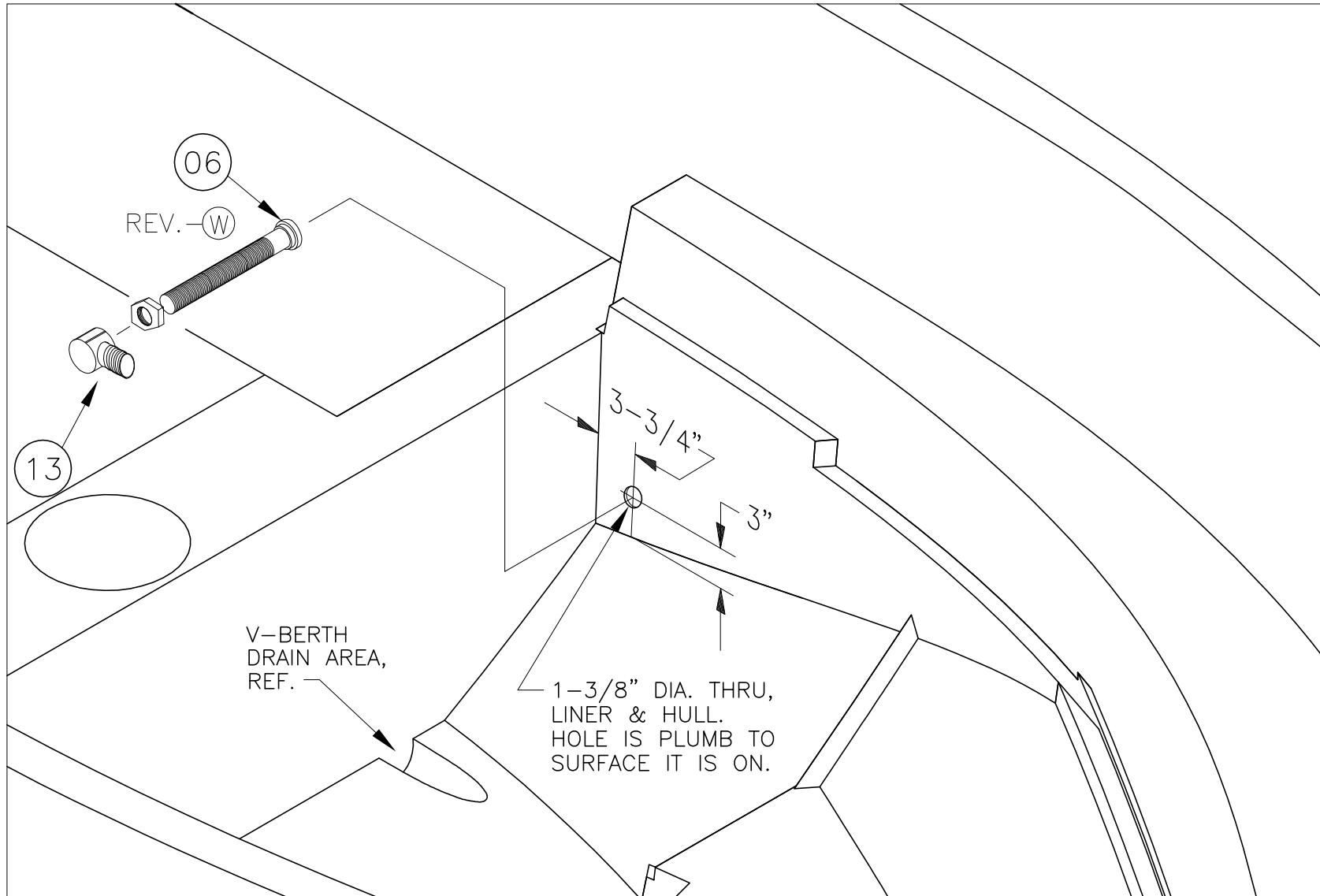
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DWG. NO:
06101

REV.
AA

CURRENT ECD
11037630

NOTES:



SINK DRAIN LOCATION,
V-BERTH, LOOKING PORT AFT



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 DURHAM DATE: 05/10/01 SCALE: NONE
DWG. TITLE: HULL CUTOUTS AND THRU HULL FTGS

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
06101

SHT. NO.
7 OF 7

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DWG. NO:
06151

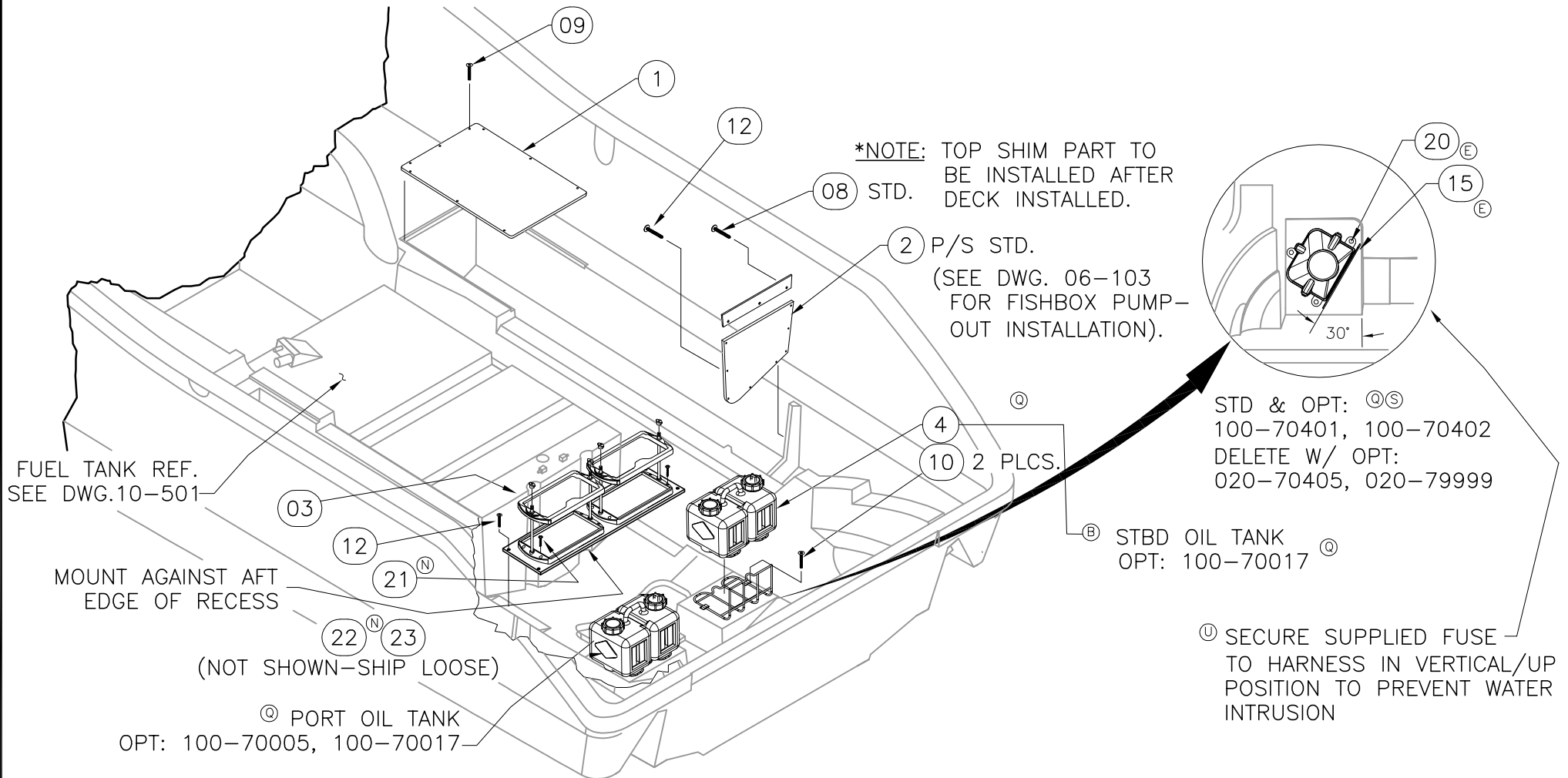
REV.
Y

CURRENT ECD
10077054

NOTES:

1. APPLY SEALANT TO ALL BULKHEADS EXCEPT ITEM 7.
2. OIL TANKS FASTENED TO FRAME w/BUNGEE SUPPLIED WITH KIT.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
X	DELETED P/N 1185024 BUSS BAR, 4TERM MINIBUSS AND 1241876 CONN. CHARGER JUMPER BRASS AND DELETE BATTERY CHARGE SELECTOR SWITCHES DIAGRAM	DGC	05/27/10	MAE	10056883
Y	DELETED P/N 1185024 BUSS BAR, 4TERM MINIBUSS AND 1241876 CONN. CHARGER	SG	07/21/10	SG	10077054



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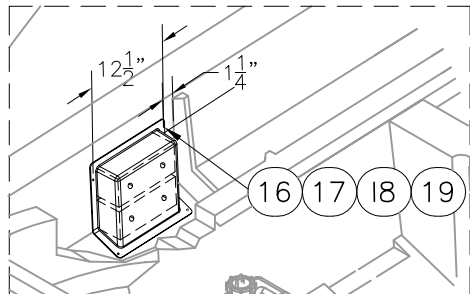
DO NOT SCALE DRAWING



CHECKED: R. DURHAM	DATE: 05/02/01	DRAWN: R. CRAVEN	DATE: 04/27/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: R. AVILA	DATE: 05/02/01	DWG. TITLE: Hull Outfit and Equipment Locations			INIT. REL. ECN NO: 2276	DWG. NO: 06151
DESIGN: L. SCHOLZ	DATE: 06/28/01					SHT. NO. 1 of 3
INT. ENG: M. GATICA	DATE: 07/03/01					

NOTES:

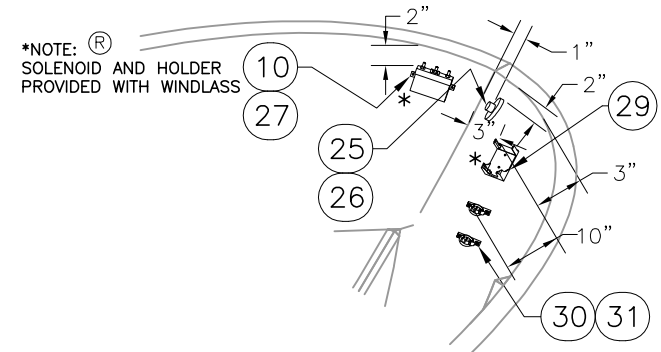
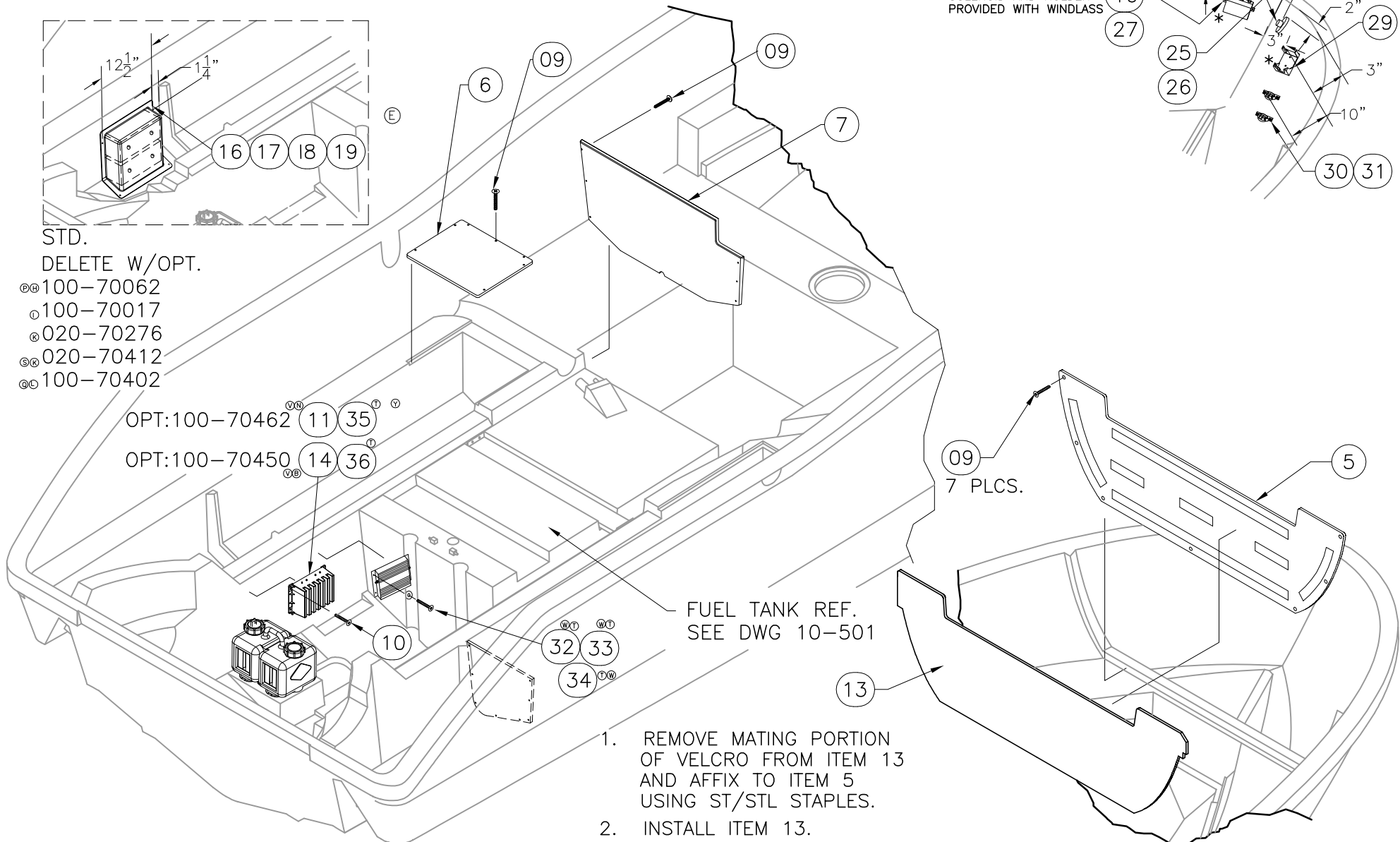
1. SEE SHEET 3 FOR CHARGER & ISOLATOR DETAIL



STD.
DELETE W/OPT.

- Ⓞ100-70062
- Ⓞ100-70017
- Ⓞ020-70276
- Ⓞ020-70412
- Ⓞ100-70402

- OPT:100-70462 Ⓞ11 Ⓞ35
- OPT:100-70450 Ⓞ14 Ⓞ36

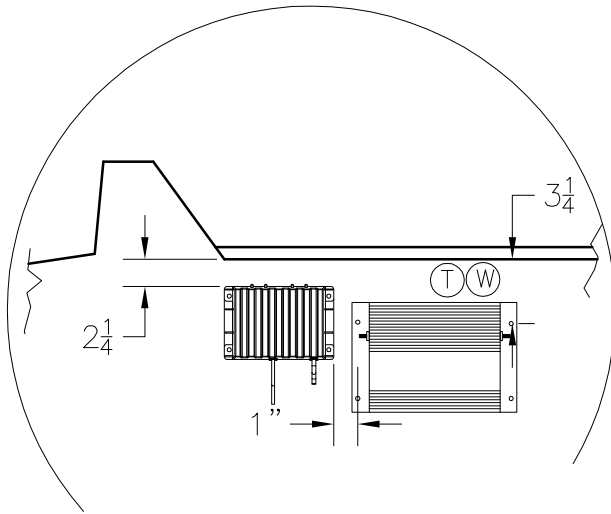


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DWG. NO:
06151

REV.
Y

CURRENT ECD
10077054



Parts List				
ITEM	QTY STD/OPT	U/M	DESCRIPTION	B.W.I. NO.
1	1	EA.	PROBOARD, FISHWELL STBD FWD	1614643
2	2	EA.	PANEL, HDPE CLOSEOUT FISHWELL	1614627
3	1	EA.	SUB-ASSEMBLY, BATTERY SHELF	09-101
ⓐⓑ	2	EA.	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
5	1	EA.	PROBOARD, BULKHD ANCH LCKR	1619634
6	1	EA.	PROBOARD, FISHWELL PORT FWD	1614635
7	1	EA.	BULKHEAD, HDPE DRY STORAGE	1614338
8	6	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739
9	29	EA.	SCREW, TAPPING #10A x 1.25" PFH SC	1259415
Ⓡⓐⓑ	10	EA.	SCREW, TAPPING #14A x 1" PPH SC	1008689
Ⓥⓐⓐ	1	EA.	CONVERTER, BATT 20A 220VAC 2-BANK	1960241
12	20	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747
13	1	EA.	CUSH, BLKHD ANCHR LKR	1640408
Ⓥⓑ	1	EA.	CONVERTER, BATT 20A 120VAC 2-BANK	1878565
ⓐⓔ	1	EA.	STEERING, POWER PACK MERC W/12'	1772668
ⓔ	2	EA.	COVER, ABS BW255CQ-02 LEAD BALLAST	1661610
ⓔ	4	EA.	LEAD, BALLAST 50LB BW255CQ-02	1636174
ⓔ	8	EA.	BOLT, LAG 3/8" X 4" SS HEX HD	1009158
ⓧⓔ	8	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
ⓐⓔ	3	EA.	SCREW, TAPPING #14A X 1" PPH SC	1008689
Ⓝ	4	EA.	SCREW, TAPPING #14A X 1.5" PPH SC	1008697
Ⓝ	2	EA.	BOOT, BATTERY TERMINAL 2/0 BLK	1043132
Ⓝ	2	EA.	BOOT, BATTERY TERMINAL 2/0 RED	1084185
ⓐ	1	EA.	HARNESS, 255CQ-07 EURO SHR PWR	1895202
Ⓡ	1	EA.	BUSS BAR, SGL POST 5/16"	795583
Ⓡ	2	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507
Ⓡ	3	EA.	BOOT, ENG STARTER RED	140509
Ⓡ	1	EA.	HOLDER, ABS BW255CQ-06 WNDLS REMOTE	1802836
Ⓡ	2	EA.	SCREW, TAPPING #8A X 1" PPH SC	1213115
Ⓡ	2	EA.	HOLDER, HDPE BW-07 ANCHOR WNDLS HANDLE 700W	1877847
Ⓡ	4	EA.	SCREW, TAPPING #10A X 1" POH SC	1008507
ⓋⓉ	1	EA.	GALVANIC ISOLATOR, PROSAFE FAIL SAFE 30AMP	2014745
ⓋⓉ	4	EA.	WASHER, FLAT #10 SC	1260751
ⓋⓉ	4	EA.	SCREW, TAPPING #10A X 1" PTH SC	1008739
Ⓣ	1	EA.	HARNESS, BW255CQ-09 AC 220V	1943850
Ⓣ	1	EA.	HARNESS, BW255CQ-09 AC 120V	1943849
ⓧⓋ	1	EA.	CONN, CHARGER JUMPER BRASS	1241876
ⓋⓋ	1	EA.	HARNESS, BATT CHARGER CRANKING 35A	1970228
ⓧⓋ	1	EA.	BUSS BAR, 4TERM MINIBUSS	1185024



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: 04/27/01

SCALE: NONE

BOAT MODEL
255CQ

MOLD NO.

DWG. TITLE:

Hull Outfit and Equipment Locations

INIT. REL. ECN NO:
2276

DWG. NO:
06151

SHT. NO.

3 of 3

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DWG. NO:
11101

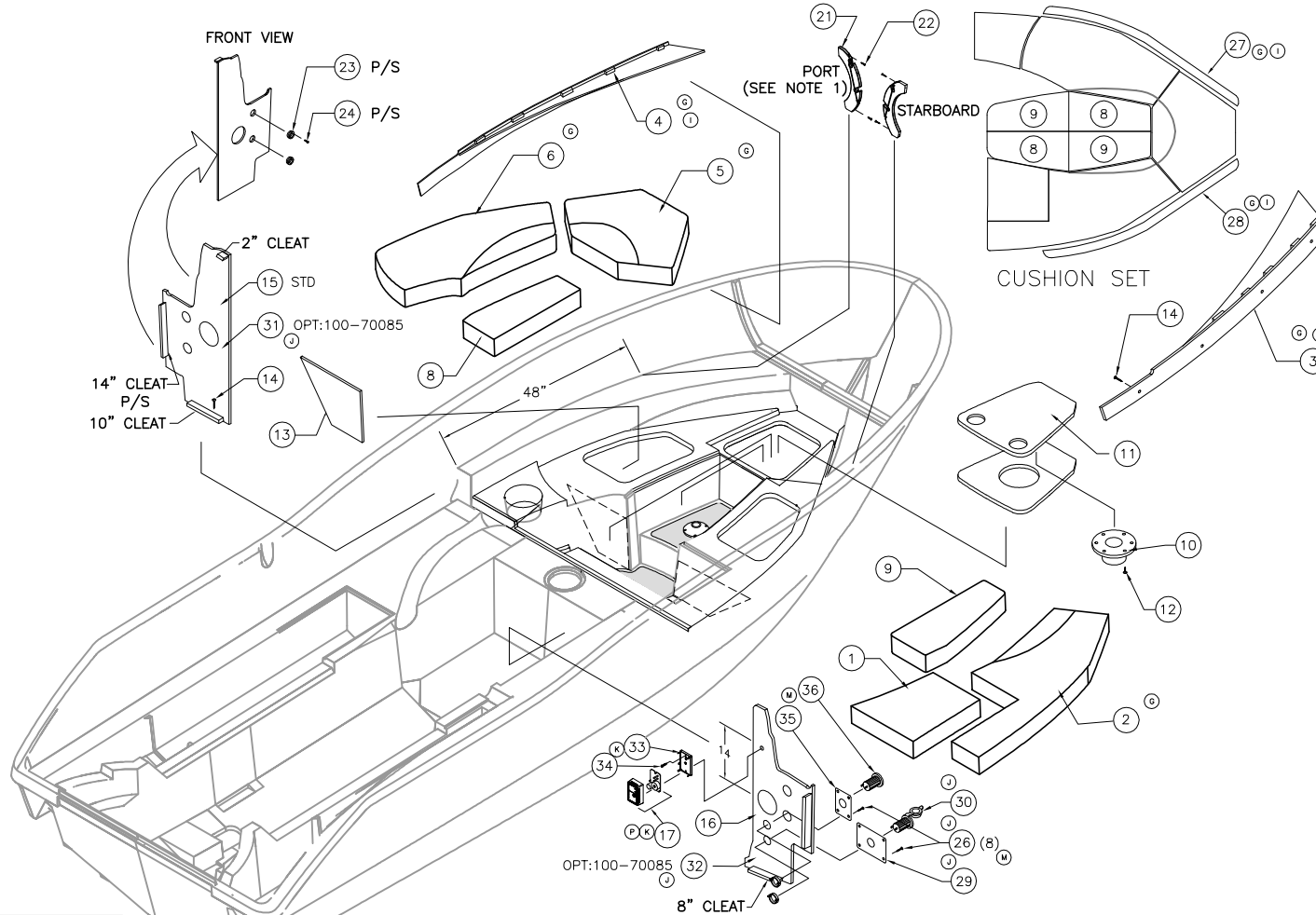
REV.
Q

CURRENT ECD
11047712

NOTES:

- LOCATE ROD HOLDERS 48" FROM BULKHEAD, P&S

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
M	MYE 10', ADDED #35 & 36&37, #26 OPT. QTY WAS 0,	BH	07/15/09	RW	09066043
N	DELETED ITEM # 37, SHEETS 1 & 3	SLJ	12/09/09	ST	09096218
O	ITEM #15 WAS 1727454. ITEM #16 WAS 1725455 SHT 3	SG	10/11/10	ST	10056916
P	ITEM #17 P/N WAS 1781228	SBL	03/07/11	JK	11027563
Q	ADDED NOTE ON SHT 2	SG	05/24/11	JK	11047712



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

DO NOT SCALE DRAWING



CHECKED: R.A.	DATE: 07/05/01	DRAWN: H READ	DATE: 07/30/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: L.M.S.	DATE: 07/05/01	DWG. TITLE: INTERIOR FINAL ASSEMBLY			INIT. REL. ECN NO: 2276	DWG. NO: 11101
DESIGN: L.SCHOLZ	DATE: 07/05/01					SHT. NO. 1 OF 3
INT. ENG: M. GATICA	DATE: 09/11/01					

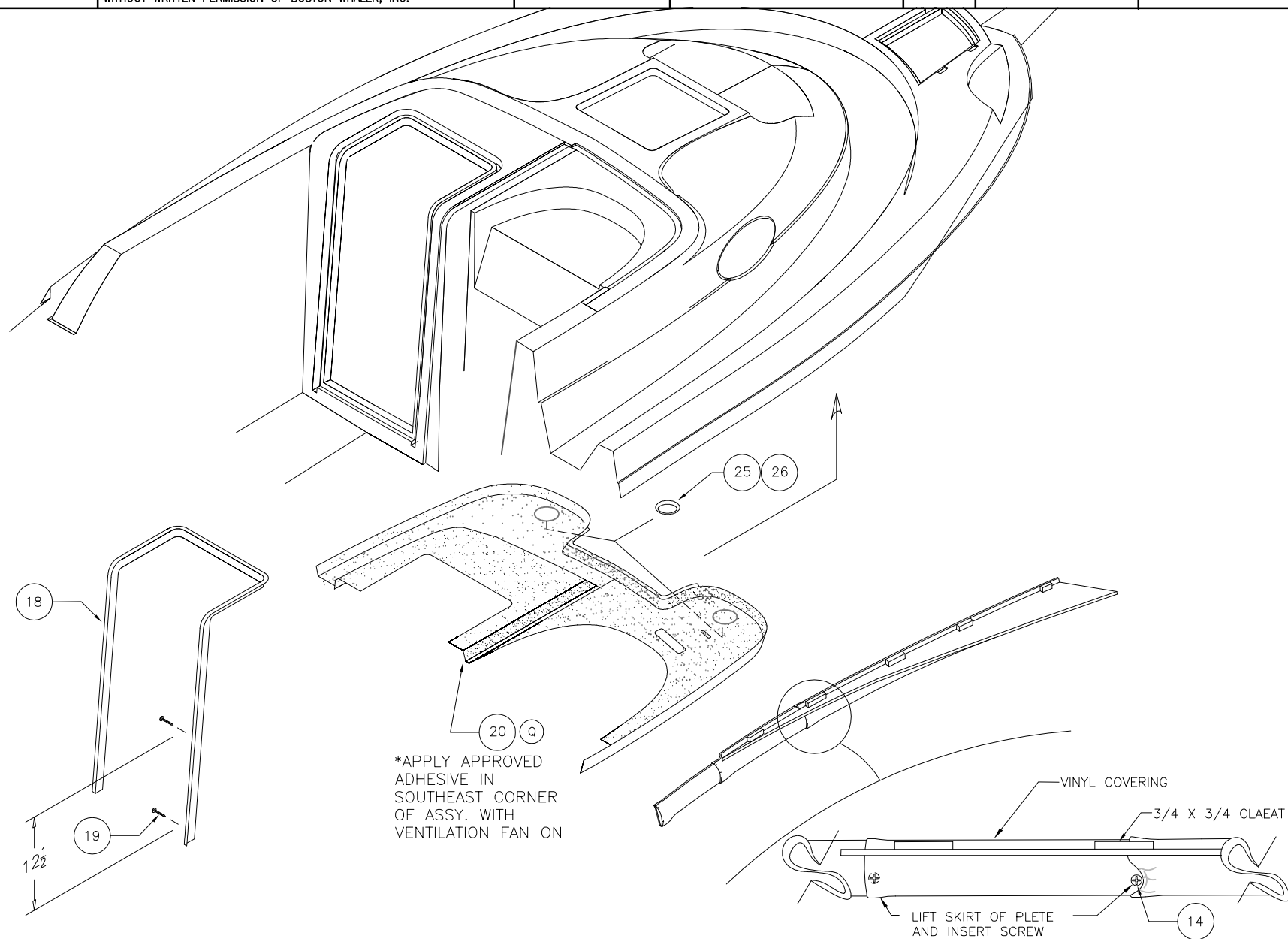
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DWG. NO:
11101

REV.
Q

CURRENT ECD
11047712

NOTES:



*APPLY APPROVED ADHESIVE IN SOUTHEAST CORNER OF ASSY. WITH VENTILATION FAN ON

INSTALLATION DETAIL AT VALANCE STBD SIDE



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: H READ

DATE: 07/30/01

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

255CQ

INTERIOR FINAL ASSEMBLY

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

11101

2 OF 3

NOTES:

Parts List					
ITEM	STD/OPT	U/M	DESCRIPTION		B.W.I. NO.
(F) 1	1		EA.	CUSH, BW255CQ-03 VBRTH STB AFT	1727722
(G) 2	1		EA.	CUSH, BW255CQ-04 VBRTH STB FWD	1753927
(I) (G) 3	1		EA.	CUSH, BW255CQ-04 VALANCE STB	1760078
(I) (G) 4	1		EA.	CUSH, BW255CQ-04 VALANCE PRT	1760077
(G) 5	1		EA.	CUSH, BW255CQ-04 VBRTH FWD	1753924
(G) 6	1		EA.	CUSH, BW255CQ-04 VBRTH PRT FWD	1753926
(F) 7	1		EA.	CUSH, BW255CQ-02 VBERTH PORT AFT	1646751
(F) (D) 8	2		EA.	CUSH, BW255CQ-03 VBRTH FILR PRT	1727720
(F) (D) 9	2		EA.	CUSH, BW255CQ-03 VBRTH FILR STB	1727721
(E) 10	1		EA.	BASE, TABLE SURF MNT ALUM TPR CASTING	1125293
11	1		EA.	TABLE, HDPE BW255CQ-02 DINETTE	1663244
12	6		EA.	SCREW, TAPPING #14 X 3/4" POH	1213156
13	2		EA.	PROBOARD, BW255CQ-02 VBERTH CLOSEOUT	1645720
14	26		EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747
(O) (F) 15	1		EA.	CUSH, BW255CQ-11 BULKHD PRT	2025571
(O) (F) 16	1		EA.	CUSH, BW255CQ-11 BULKHD STB	2025572
(P) (K) 17	1		EA.	CO MONITOR, CMD-4 EOL WHT	2063848
18	1		EA.	TRIM, PVC BW255CQ-02 COMPANIONWAY	1661701
19	1		EA.	SCREW, TAPPING #6A x 1/2" PFH SC	1010362
20	1		EA.	CUSH, BW255CQ02 HEADLINER CTR W/SHELL	1647221
21	2		EA.	ROD HOLDER, HDPE CABIN 255CQ-02	1635556
22	4		EA.	SCREW, TAPPING #10A X 2.5" POH SC	1008531
23	4		EA.	ROD HOLDER, 2" DIAPHRAGM, BLK	0860379
24	8		EA.	SCREW, TAPPING #6 X 3/4" POH SC	1008564
25	2		EA.	LIGHT, DOME INTERIOR 5.75" WHT SURF MNT	1131572
(M) (J) 26	8	4	EA.	SCREW, TAPPING #8 x 5/8 PTH SC	1010925
(I) (G) 27	2		EA.	CUSH, BW255CQ-04 VBRTH B/R PRT	1760079
(I) (G) 28	2		EA.	CUSH, BW255CQ-04 VBRTH B/R STB	1760080
(J) 29	1		EA.	PANEL, BW255CQ-05 12V RECEPTACLE	1783534
(J) 30	1		EA.	RECEPTACLE, FEMALE 12V LONG THRD BLK	1287283
(J) 31	1	-1	EA.	CUSH, BW255CQ-03 BULKHD PRT N/SPKR	1727724
(J) 32	1	-1	EA.	CUSH, BW255CQ-03 BULKHD STB N/SPKR	1727725
(K) 33	1		EA.	PLATE, CO MONITOR BACKING WHT (CMD-4)	1782156
(K) 34	4		EA.	SCREW, TAPPING #8A X 1" PTH SC	1008804
(M) 35	1		EA.	PANEL, CLARION USB INPUT	1973906
(M) 36	1		EA.	CABLE, CLARION USB INPUT 3'	1973247

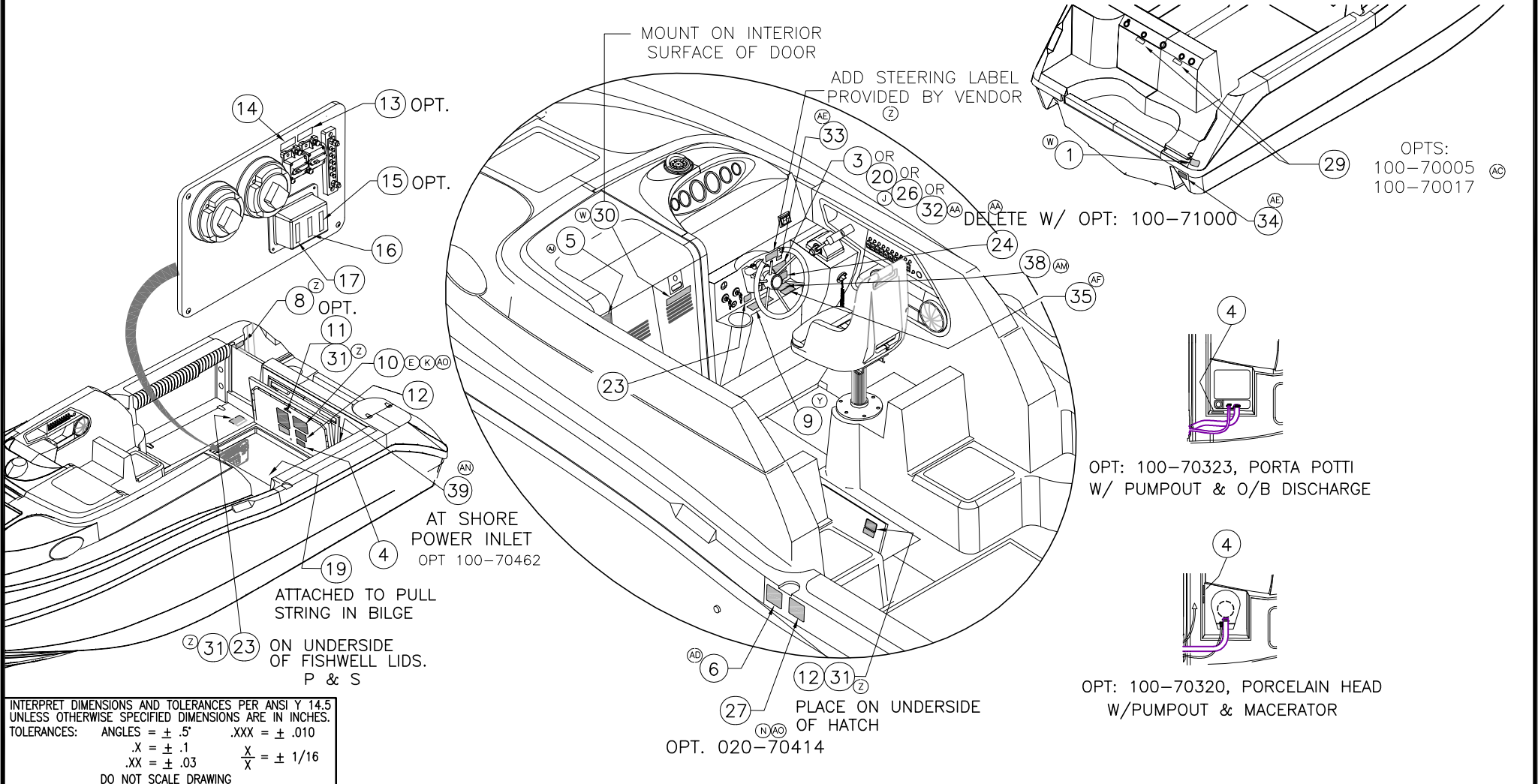
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DWG. NO: 12101
 REV. AO
 CURRENT ECD 12018260

NOTES:

1. CLEAN ALL AREAS WITH DENATURED ALCOHOL BEFORE APPLYING LABELS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
AI	ADDED DANGER STAY CLEAR MOVING PARTS LABEL TO SHEET 2	DC	05/26/10	MAE	10056889
AJ	ITEM #5 WAS PN# 1743548	SLJ	09/14/10	MAE	10097143
AK	REPLACED PT# 1746896 WITH 2028932 ITEM #37	SG	12/01/10	ST	10127431
AL	REPLACED PT# 1745123 AND 1743504 WITH 2049266 AND 2049272 ITEMS #17 & 23	SG	12/08/10	ST	10127453
AM	ADDED 2078065 LABEL, DIURNAL EXEMPT	JSD	8/25/11	JK	11087938
AN	ADD LABELS #39 & #40, SHEETS 1 & 2	DJT	11/08/11	JK	11118103
AO	REPLACE 1749551 W/ 2038447 AND 1744737 W/ 2063375	JSD	2/1/12	JK	12018260



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

 <p>BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: R. DURHAM	DATE: 6/22/01	DRAWN: H. READ	DATE: 05/08/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: KR	DATE: 6/25/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 6/26/01	Label Locations			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 7/03/01				2276	12101
							1 OF 2

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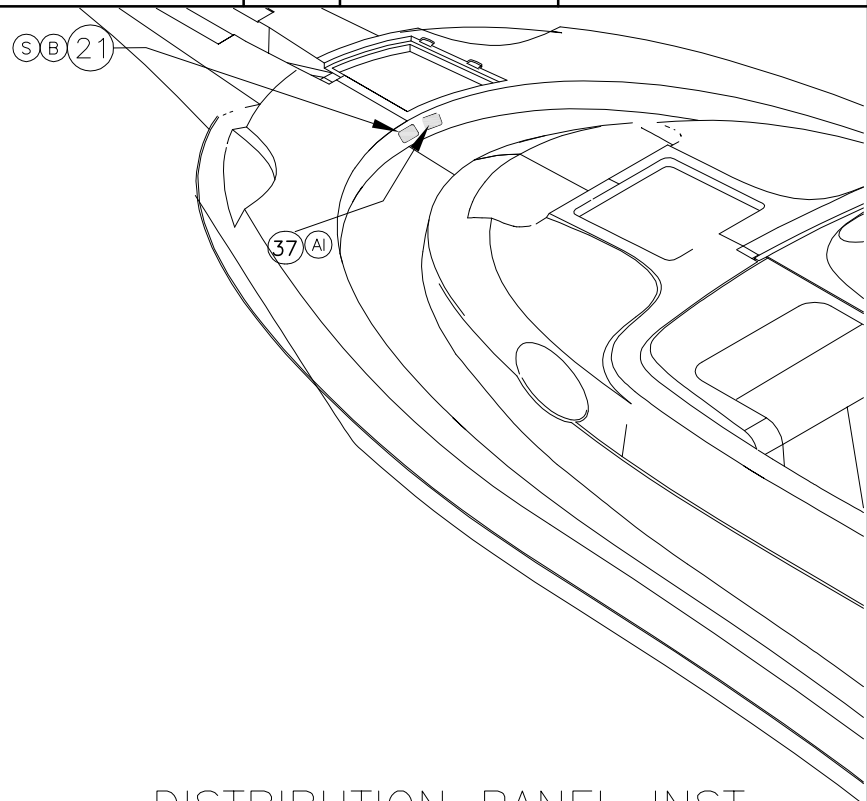
DWG. NO:
12101

REV.
A0

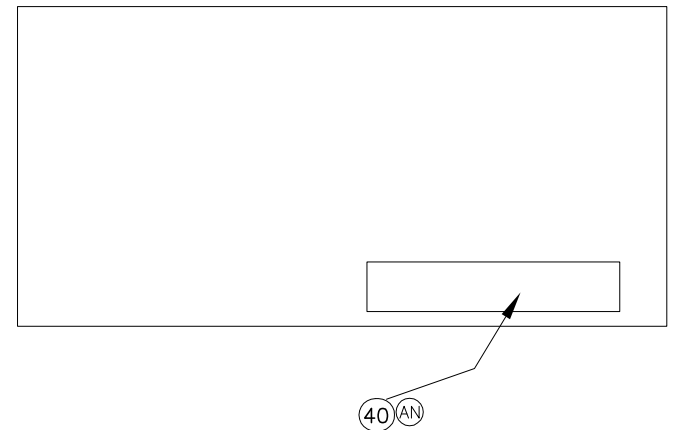
CURRENT ECD
12018260

Parts List

ITEM	QTY	U/M	DESCRIPTION	B.W.I. NO.
(W) 1	1	EA.	LABEL, DANGER CO TRANSOM 06	1811367
(E) (F) 3	1	EA.	PLATE, NMMA 03-BW255CQ	1727512
(K) 4	1	EA.	LABEL, NOTICE OVERBOARD DISCHARGE	1745156
(AJ) (P) (D) 5	1	EA.	LABEL, WARNING RUNNING BOAT W/DOOR OPN POLY/V	2028922
(AD) 6	1	EA.	LABEL, CRESTLINER WARN LEAKING FUEL/E-10	1907336
(O) 7	1	EA.	LABEL, BW NO SMOKING FUEL VENT	1016484
(Z) 8	1	EA.	LABEL, DANGER TRANSOM DOOR (LEXAN)	1743571
(W) 9	1	EA.	LABEL, DANGER CO HELM 06	1811368
(AO) (K) 10	1	EA.	LABEL, DISCHARGE OF OIL POLY/VYNIL	2063375
11	1	EA.	PLATE, BW, 230CQ-97 BATT PARALLEL DETAILS	1051762
(H) (B) 12	2	EA.	WARNING, DO NOT STORE FUEL	1691003
13	1	EA.	LABEL, ANCHOR WINDLASS (LEXAN)	1212596
14	1	EA.	LABEL, BW DC MAIN BRKR	1075282
15	1	EA.	LABEL, BW STEREO	1075266
16	1	EA.	LABEL, BW DIGITAL OPTIMAX POSITIVE	1396720
(AL) (P) 17	1	EA.	LABEL, BILGE 1.5"X 5"POLY/VINYL	2049266
(E) (F) 20	1	EA.	PLATE, BUILDERS CE 03-BW255CQ	1727513
(S) (B) 21	1	EA.	LABEL, WARNING DO NOT OCCUPY SEAT @ OVER 5MPH	1752857
(Z) (E) (C) 22	1	EA.	LABEL, BW SAFETY HI PERF BOAT	1017136
(AL) (R) (C) 23	3	EA.	LABEL, CAUTION FISHWELL DRAIN PLUG POLY/VINYL	2049272
(G) 24	1	EA.	PLATE, BW-03 MAX ENG WT 1220LB/553KG	1735929
(X) (I) 25	1	EA.	DECAL, MERC SMARTCRAFT NETWORKED	1743323
(J) 26	1	EA.	PLATE, SAFETY CANADIAN CONFORMITY BW255CQ-03	1746027
(AO) (N) 27	1	EA.	LABEL, FUEL RECOMMENDATION 91OCTANE POLY/VINYL	2038447
(P) 28	1	EA.	LABEL, PREVENT DISCHARGE OF POLLUTANTS	1745514
(T) 29	2	EA.	LABEL, CAUTION OIL TANK LEVEL	1799311
(W) 30	1	EA.	LABEL, DANGER CO CABIN 06	1812911
(Z) 31	4	EA.	LABEL, BW-07 CAUTION AVOID INJURY BOAT MOVMT	1836858
(AA) 32	1	EA.	PLATE, BUILDERS AU 07-BW255CQ	1850587
(AE) 33	1	EA.	DECAL, PROP LABEL DASH	1950698
(AE) 34	1	EA.	DECAL, PROP TRNSM LABEL	1903624
(AF) 35	1	EA.	LABEL, US EPA EVAP EMISSIONS BOSTON WHALER	1967297
(AH) (AG) 36	2	EA.	RIVET, POP/BLIND #1/8 X 1/4" ALUM	1007855
(AK) (AI) 37	1	EA.	LABEL, STAY CLEAR OF MOVING PARTS POLY/VINYL	2028932
(AM) 38	1	EA.	LABEL, DIURNAL EXEMPT BOSTON WHALER	2078065
(AN) 39	1	EA.	LABEL, SHORE POWER ISO SYMBOL	2067983
(AN) 40	1	EA.	LABEL, A/C PANEL WARNING CE	2025598



DISTRIBUTION PANEL INST.



OPT 100-70462



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: 05/08/01 SCALE: NONE
 DWG. TITLE: Label Locations

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
12101

SHT. NO.
2 OF 2

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DWG. NO:
07213

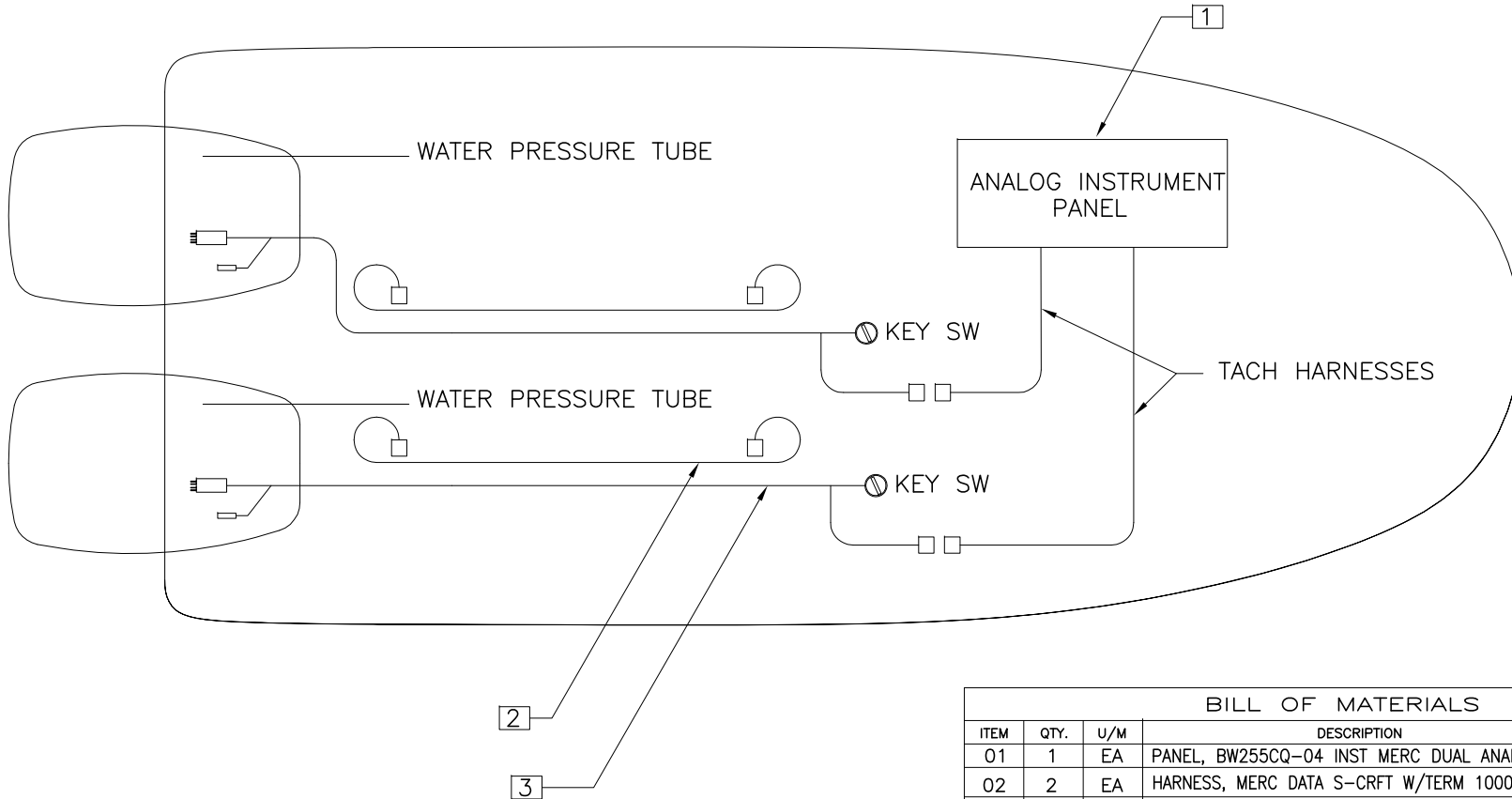
REV.
B

CURRENT ECD
060228

NOTES:


1. APPLY DIELECTRIC GREASE TO ALL PLUG TYPE TERMINATIONS.
2. WATER PRESSURE TUBE & TACH HARNESS ARE SUPPLIED WITH INSTRUMENT PANEL. ROUTE WATER PRESSURE TUBE TO PANEL.
3. COIL AND SECURE SC-1000 CABLE ENDS UNDER AFT DECK & DASH.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	SH	030317
B	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228



BILL OF MATERIALS					
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.	
01	1	EA	PANEL, BW255CQ-04 INST MERC DUAL ANALOG N/SW	1754078	
02	2	EA	HARNESS, MERC DATA S-CRFT W/TERM 1000-1RSL-30	1507276	
03	1	EA	HARNESS, IGN 25' DUAL ENG	1032796	

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

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: RA	DATE: 07/29/02	DRAWN: R CLIFTON	DATE: 07/19/02	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. CLIFTON	DATE: 07/29/02	DWG. TITLE:			255CQ	
	DESIGN:	DATE:	DIAGRAM MERC F225 4-STROKE			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: SH	DATE: 5/28/04				2276	07213

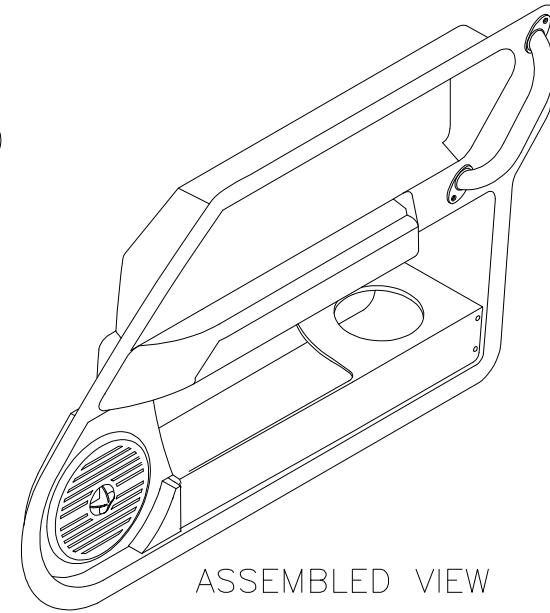
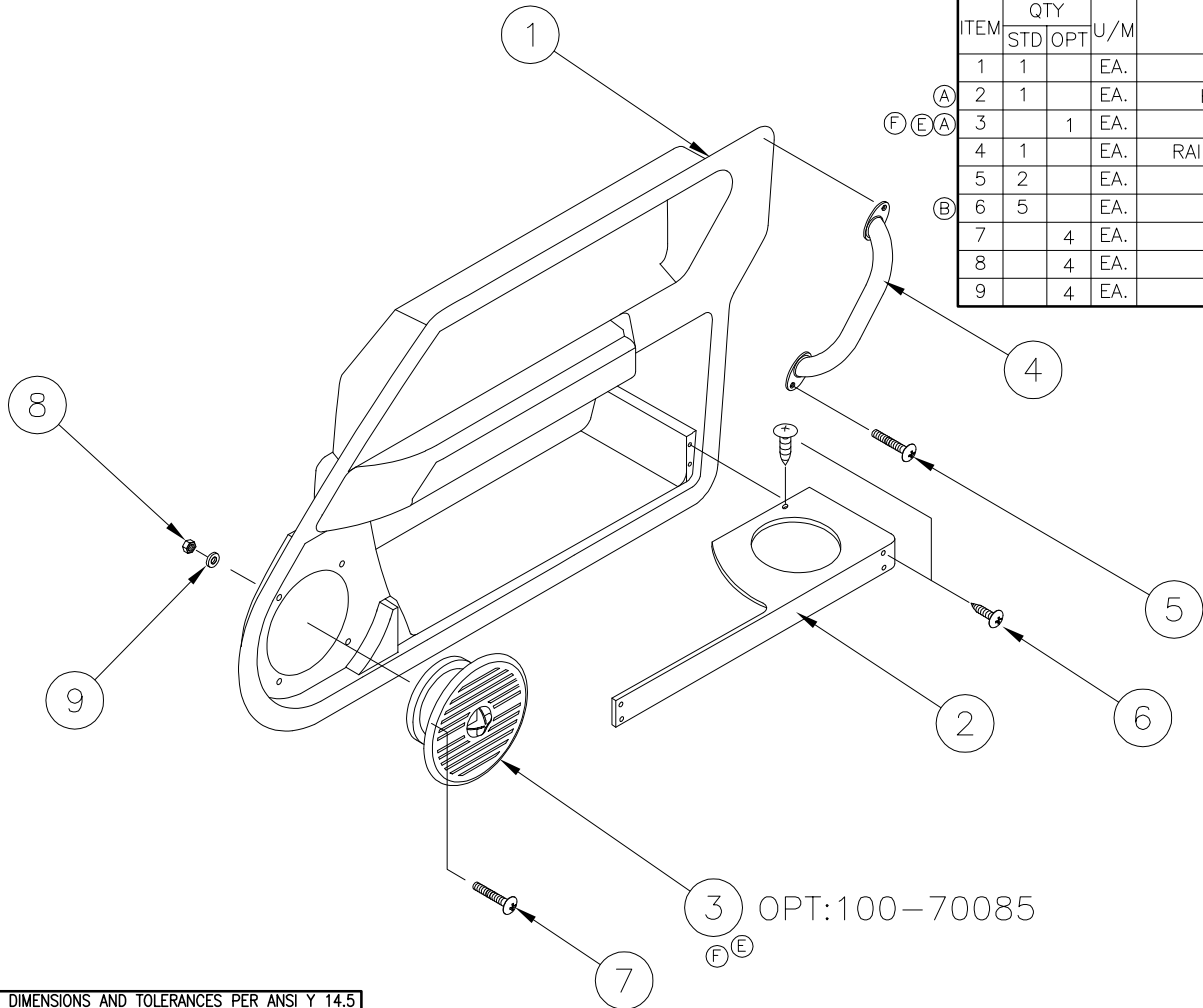
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DWG. NO: 09407 REV. F CURRENT ECD 11067819

1. APPLY CAULKING TO BACK RIM PRIOR TO FASTENING.
2. TOP SCREW IN HANDLE (4) TO BE R&R WHEN INSTALLED IN BOAT.
3. REFER TO DWG. 06-202 FOR INSTALLATION ON DECK.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
E	SPEAKER #3 WAS P/N 1690555	SLJ	07/06/10	ST	10056916
F	MYE12 REPLACE 1842120 WITH 2061729	JSD	8/15/11	JK	11067819

Parts List					
ITEM	QTY		U/M	DESCRIPTION	B.W.I. NO.
	STD	OPT			
1	1		EA.	POCKET, ABS BW255CQ-02 PORT SIDE	1616747
2	1		EA.	HOLDER, ACRYLIC BW255CQ-03 CUP PRT	1733750
3		1	EA.	SPEAKER, 6.5" COAXIAL WHT CVR	2061729
4	1		EA.	RAIL, GRAB BW255CQ-02 PORT SIDE PKCT SS	1638659
5	2		EA.	SCREW, TAPPING #10A X 1" PTH SC	1008739
6	5		EA.	SCREW, TAPPING #6A X 1/2" PTH SC	1008796
7		4	EA.	SCREW, MACHINE #4-40 X 1" PFH SC	1259472
8		4	EA.	NUT, HEX NYLON LOCK #4-40 SC	1667245
9		4	EA.	WASHER, FLAT #4" SC	1259639



ASSEMBLED VIEW

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. DURHAM	DATE: 06/29/01	DRAWN: R CRAVEN	DATE: 06/28/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: K. RANIERI	DATE: 06/29/01	DWG. TITLE: POCKET, PORT SUB ASSEMBLY			INIT. REL. ECN NO: 2276	DWG. NO: 09407
DESIGN: L. SCHOLZ	DATE: 07/02/01					SHT. NO. 1 of 1
INT. ENG: M. GATICA	DATE: 07/03/01					

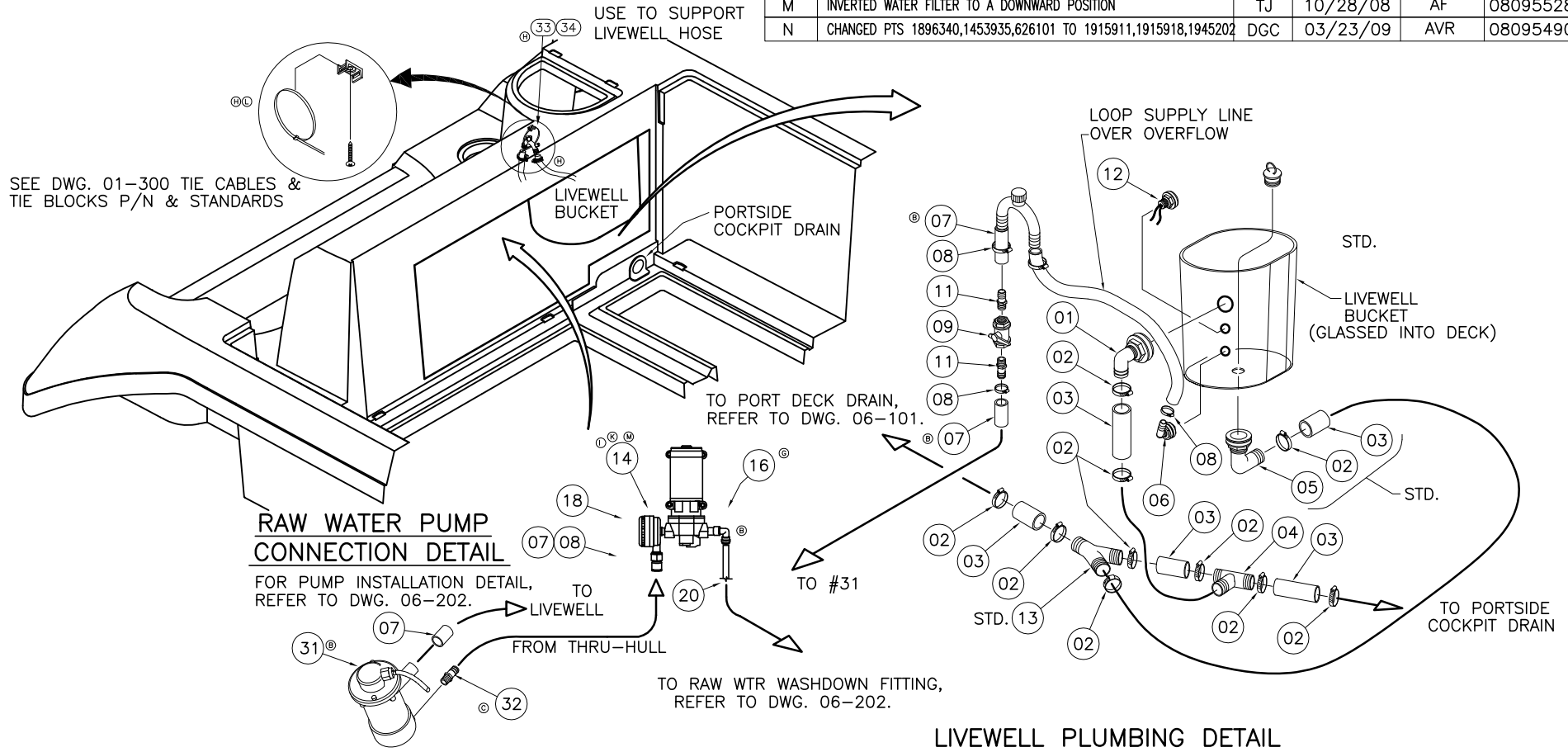
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DWG. NO: 06103	REV. N	CURRENT ECD 08095490
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NOTES:

- LIVEWELL BUCKET & DRAINAGE PROVIDED STD. PUMP, FTGS., AND ADDED LIVEWELL COMPONENTS ARE FOR FISHING PACKAGE, OPTION: 100-70203.
- ALL THRU-HULL FTGS. SHALL BE SEALED UNDER THE FLANGE USING WHITE SILICONE SEALANT.
- SEE DWG# 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
F	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	ZAC	030317
G	CHANGED PN# ITEM 16 & DELETED ITEM 19, SHEETS 1 & 3	SLJ	08/14/03	ZAC	030730
H	MYE 2005: ADD VENTED LOOP #'S 33-35, #08 QTY. WAS 10, #26,27 WAS 2	JM	04/15/04	SH	040148
I	CHANGED PN# & DESCRIPTION ITEM # 14, SHEETS 1 & 3	SLJ	04/05/05	ME	050319
J	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/27/06	AVM	060228
K	CHANGED PT#1797944 TO 1896340	TKJ	8/22/07	AVM	07064412
L	REMOVE ITEMS 26,27,28,&35 AND ADD NOTES TO REFER DWG. 01-300	JF	06/09/08	AVF	08065289
M	INVERTED WATER FILTER TO A DOWNWARD POSITION	TJ	10/28/08	AF	08095528
N	CHANGED PTS 1896340,1453935,626101 TO 1915911,1915918,1945202	DGC	03/23/09	AVR	08095490



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

FOR THRU-HULL INSTALLATION DETAIL, REFER TO DWG. 06-101.

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: KR	DATE: 6/27/01	DRAWN: R DURHAM	DATE: 06/26/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: KR	DATE: 6/27/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 6/27/01	RAW WATER & FISHWELL PUMPOUT SYSTEMS			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 7/02/01			2276	06103	SHT. NO.
						1	of 3

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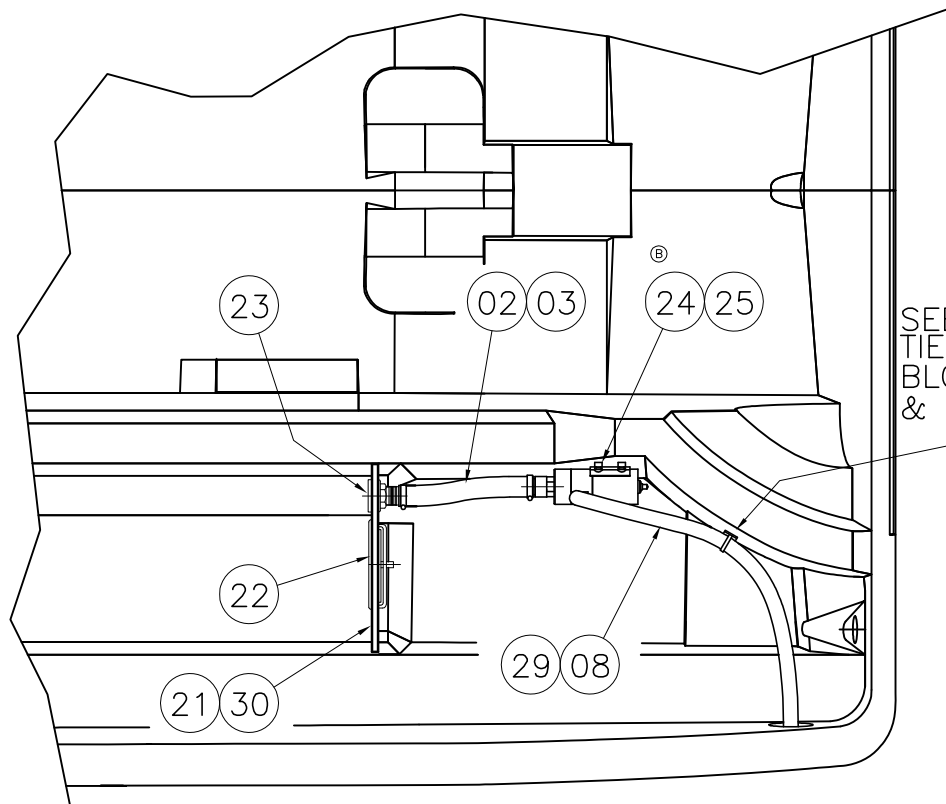
DWG. NO:
06103

REV.
N

CURRENT ECD
08095490

NOTES:

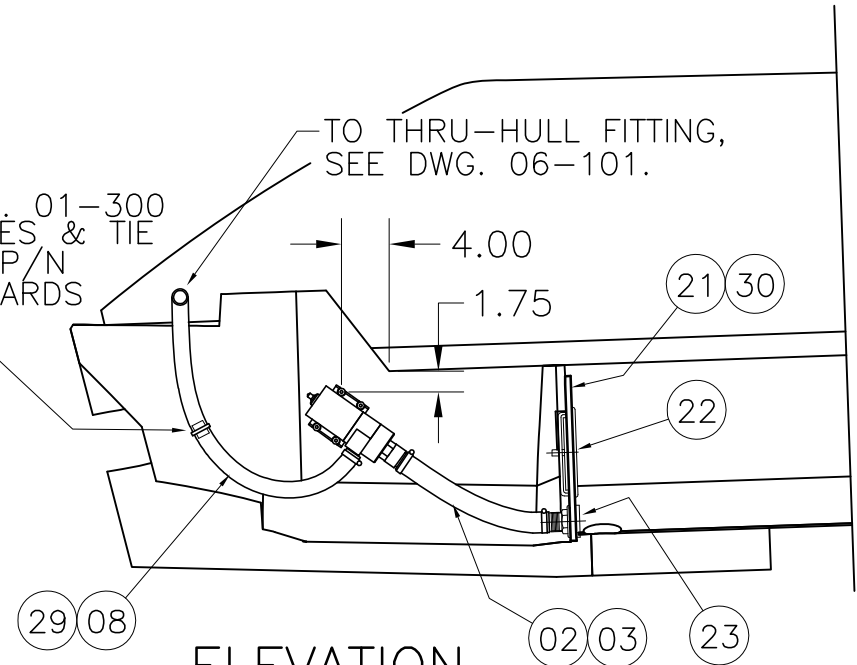
- FISHWELL BULKHEADS AND ALL DRILLED HOLES FOR FASTENERS SHALL BE BEDDED / SEALED USING WHITE SILICONE SEALANT AT TIME OF INSTALLATION.



PLAN-VIEW

SHOWING PORTSIDE PUMP INSTALL'N.

SEE DWG. 01-300
TIE CABLES & TIE
BLOCKS P/N
& STANDARDS



ELEVATION

REPRESENTS STBD. PUMP, LOOKING PORT.
(PORTSIDE PUMP HAS OUTLET ON TOP)



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: R DURHAM DATE:06/26/01 SCALE: NONE

DWG. TITLE:
RAW WATER & FISHWELL PUMPOUT SYSTEMS

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
06103

SHT. NO.
2 OF 3

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DWG. NO:
06103

REV.
N

CURRENT ECD
08095490

NOTES:

- REFER TO "HOSE LENGTHS" DWG. 01-251 FOR ALL HOSE LENGTHS / QTY'S.

PARTS LIST

ITEM	QTY. STD.	OPT.	U/M	DESCRIPTION	B.W.I. NO.
01	-	1	EA.	THRU-HULL, PLAS 1.5" ELBOW W/SCREEN	1233725
02	6	8	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
Ⓞ 03	-	-	FT.	HOSE, SANI/SMOOTH WALL 1.5" , BLK	1746048
Ⓞ 04	-	1	EA.	TEE, PVC 1.5"BARB X 1.5"BARB X 1.5"BARB	1747281
05	1	-	EA.	THRU-HULL, PLAS 1.5" TUBE X 90DEG	0791673
06	-	1	EA.	THRU-HULL, PLAS 3/4"X 90DEG WHT	0146688
Ⓞ 07	-	-	FT.	HOSE, WATER 3/4" BLK REINF PVC	1042100
Ⓞ 08	-	12	EA.	CLAMP, HOSE #16 3/4"-1.5" SS .505	0256685
09	-	1	EA.	VALVE, MARELON BALL 2-WAY 3/4"	0557959
10	1	-	EA.	PLUG, DRAIN 1.5" BLK	0907279
11	-	2	EA.	TAILPIECE, MARELON 3/4"MPT X 3/4"BARB	0567925
12	-	1	EA.	LIGHT, COURTESY WTRPRF FRNT MNT W/NUT	1078625
Ⓞ 13	1	-	EA.	COUPLING, PLAS Y 1.5" , BLK	1747278
ⓄⓄ 14	-	1	EA.	FILTER, IN-LINE WATER STRNR PLUG-IN	1915911
Ⓞ 15	-	1	EA.	TEE, ACETAL 1/2"MPT	0206003
ⓄⓄ 16	-	1	EA.	FITTING, NEPT ELBOW PUMP CONNECTOR	1915918
Ⓞ 17	-	1	EA.	COUPLING, PVC 1/2" FEMALE	0155978
ⓄⓄ 18	-	1	EA.	ADAPTER, PLAS 3/4" BARB STRAIGHT	1945202
Ⓞ 19	-	1	EA.	ADAPTER, WHALE 1/2"F-15MM BRASS	1137041
20	-	-	FT.	TUBING, WHALE 15MM X 10MM X 164' BLUE	1137025
21	-	2	EA.	PANEL, HDPE CLSOUT FISHWELL W/HOLE	1614528
22	-	2	EA.	DECK PLATE, CAP O-RING SEAL 6" ROUND WHT	1446582
23	-	2	EA.	DRAIN, CKPT W/SCREEN	0995118
24	-	2	EA.	PUMP, HEAD SYS MACERATOR 12V EPOXY	1718984
25	-	8	EA.	SCREW, TAPPING #14A X 1.5" PTH SC	1010909
Ⓞ 26	-	3	EA.	TIE, CLIP BLK	1031764
Ⓞ 27	-	3	EA.	TIE, CABLE 6" MED NYLON BLK	0999672
Ⓞ 28	-	2	EA.	SCREW, TAPPING #8A x 5/8" PTH SC	1010925
29	-	-	FT.	HOSE, GEN PURPOSE 1"	196667
30	-	16	EA.	SCREW, TAPPING #10A X 1.5" PTH SC	1008747
Ⓞ 31	-	1	EA.	PUMP, LIVWELL 12V BAIT SENTRY 800GPH	1118751
Ⓞ 32	-	1	EA.	ADAPTER, NYLON 1/2"MPT X 3/4"BARB	1738191
Ⓞ 33	-	1	EA.	BAITWELL SYSTEM, VENTED LOOP 3/4"	1703861
Ⓞ 34	-	1	EA.	COVER, CLAMP END PROT 1/2"L X .045"X .465"RED	0830968
ⓄⓄ 35	-	1	EA.	SCREW, TAPPING #4A X 1" PFH SC	1010321



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: R DURHAM DATE:06/26/01 SCALE: NONE
 DWG. TITLE:
 RAW WATER & FISHWELL PUMPOUT SYSTEMS

BOAT MODEL
 255CQ
 INIT. REL. ECN NO:
 2276

MOLD NO.
 DWG. NO:
 06103

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DWG. NO:
08601

REV.
D

CURRENT ECD
10107137

NOTES:

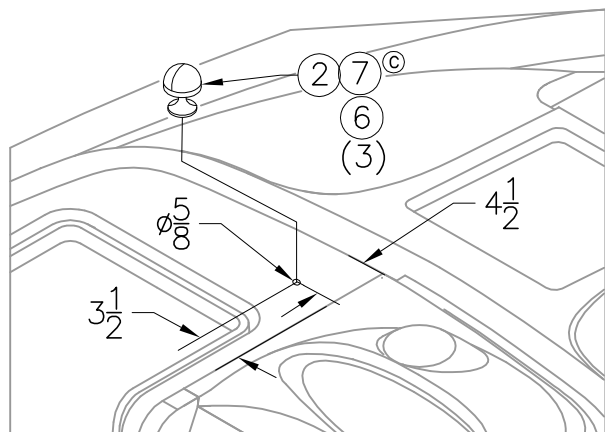
- ITEM 3&4 TO BE PLACED IN OWNER'S BAG
- DELETE ITEM #2 WHEN OPT:100-75669 (SAT. RADIO) & OPT: 100-76070 (SAT. WEATHER) ARE ORDERED TOGETHER, ADD ITEM #7.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	DELETED PT#1848863	TKJ	4/2/08	AF	08035048
B	#1 WAS P/N 1847461	BH	7/15/09	RW	09066043
C	MYE "10", ADDED ITEM #7 & NOTE 2, SHT 1	SLJ	09/22/09	HW	09066055
D	DIM WAS 1", SHT 2	SLJ	10/21/10	MAE	10107317

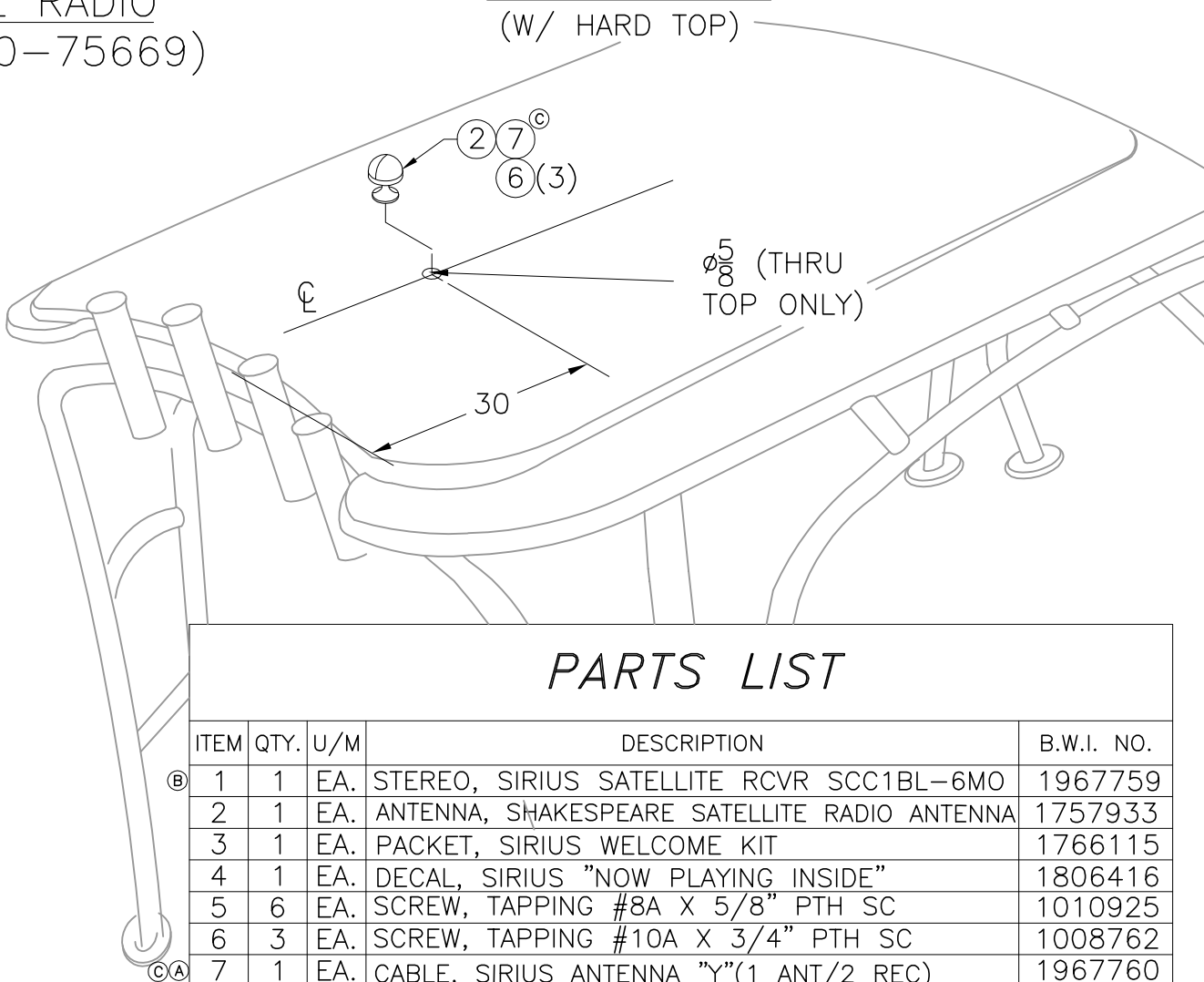
SATELLITE RADIO
(OPTION:100-75669)

ANTENNA LOCATION
(W/ HARD TOP)

ANTENNA LOCATION
(W/O HARD TOP)



VIEW: DECK AT HELM AREA



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
①	1	EA.	STEREO, SIRIUS SATELLITE RCVR SCC1BL-6MO	1967759
2	1	EA.	ANTENNA, SHAKESPEARE SATELLITE RADIO ANTENNA	1757933
3	1	EA.	PACKET, SIRIUS WELCOME KIT	1766115
4	1	EA.	DECAL, SIRIUS "NOW PLAYING INSIDE"	1806416
5	6	EA.	SCREW, TAPPING #8A X 5/8" PTH SC	1010925
6	3	EA.	SCREW, TAPPING #10A X 3/4" PTH SC	1008762
⑦	1	EA.	CABLE, SIRIUS ANTENNA "Y"(1 ANT/2 REC)	1967760

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



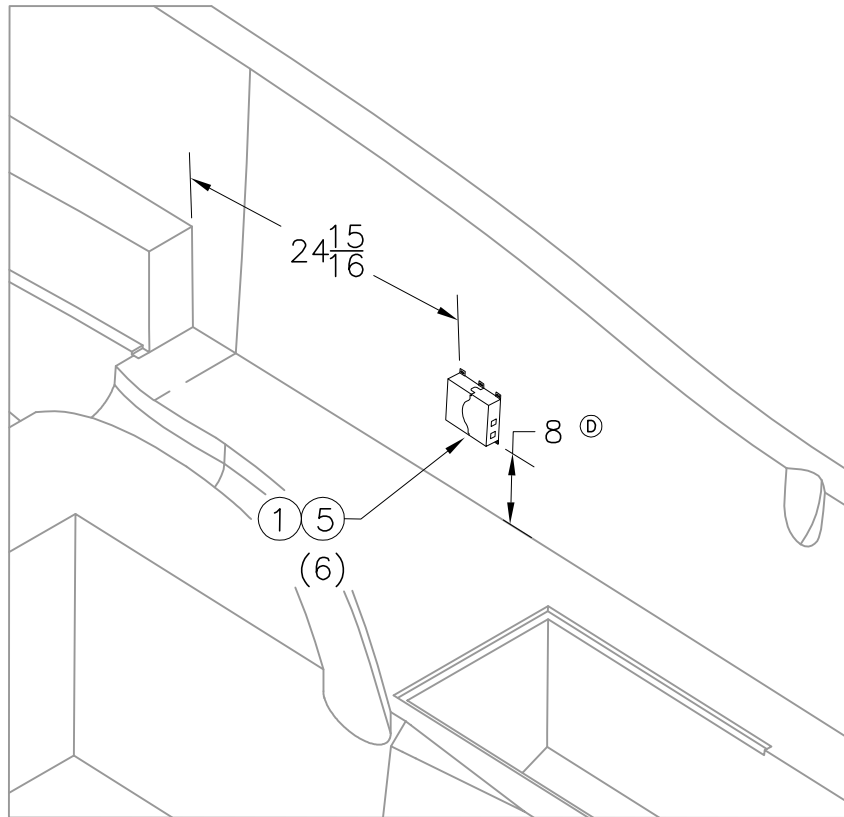
CHECKED: N. ABADALIAN	DATE: 05/31/06	DRAWN: S. HIESTER	DATE: 5/25/06	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: RA	DATE: 06/01/06	DWG. TITLE: SATELLITE RADIO			255CQ	
DESIGN: VPK	DATE: 05/31/06	INIT. REL. ECN NO:	DWG. NO:	SHT. NO.		
INT. ENG: MG	DATE: 05/31/06	060586	08601	1 of 2		

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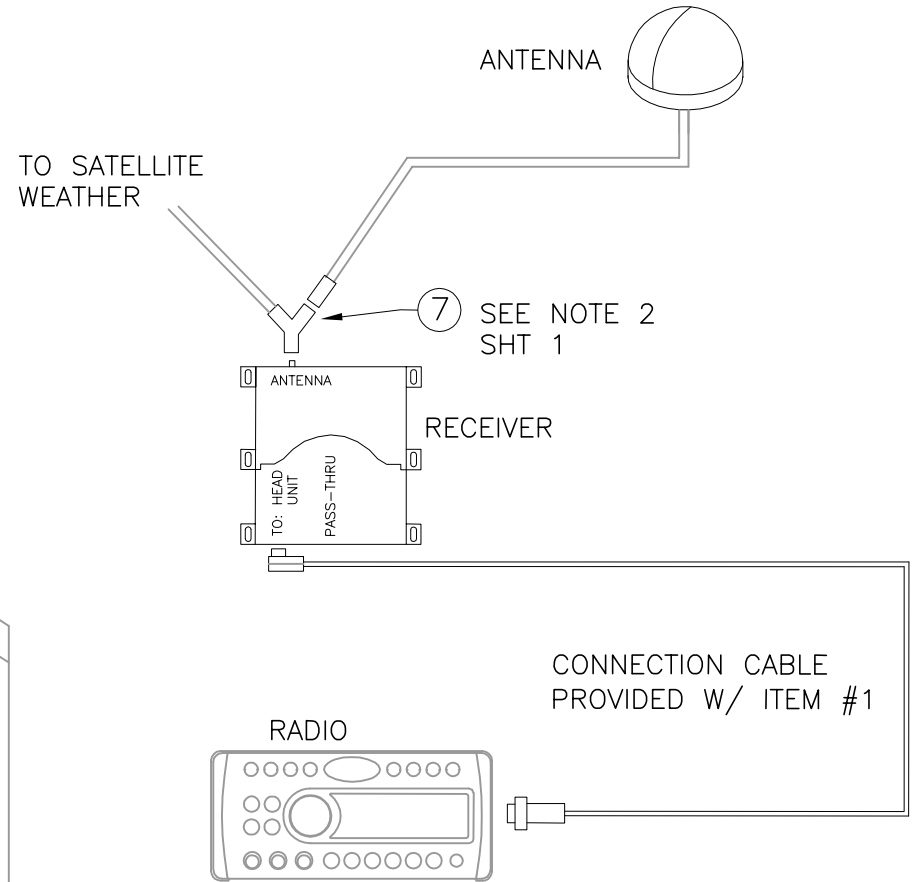
DWG. NO:
08601

REV.
D

CURRENT ECD
10107137



VIEW: STBD MID-HULL



SATELLITE RADIO
WIRE DIAGRAM

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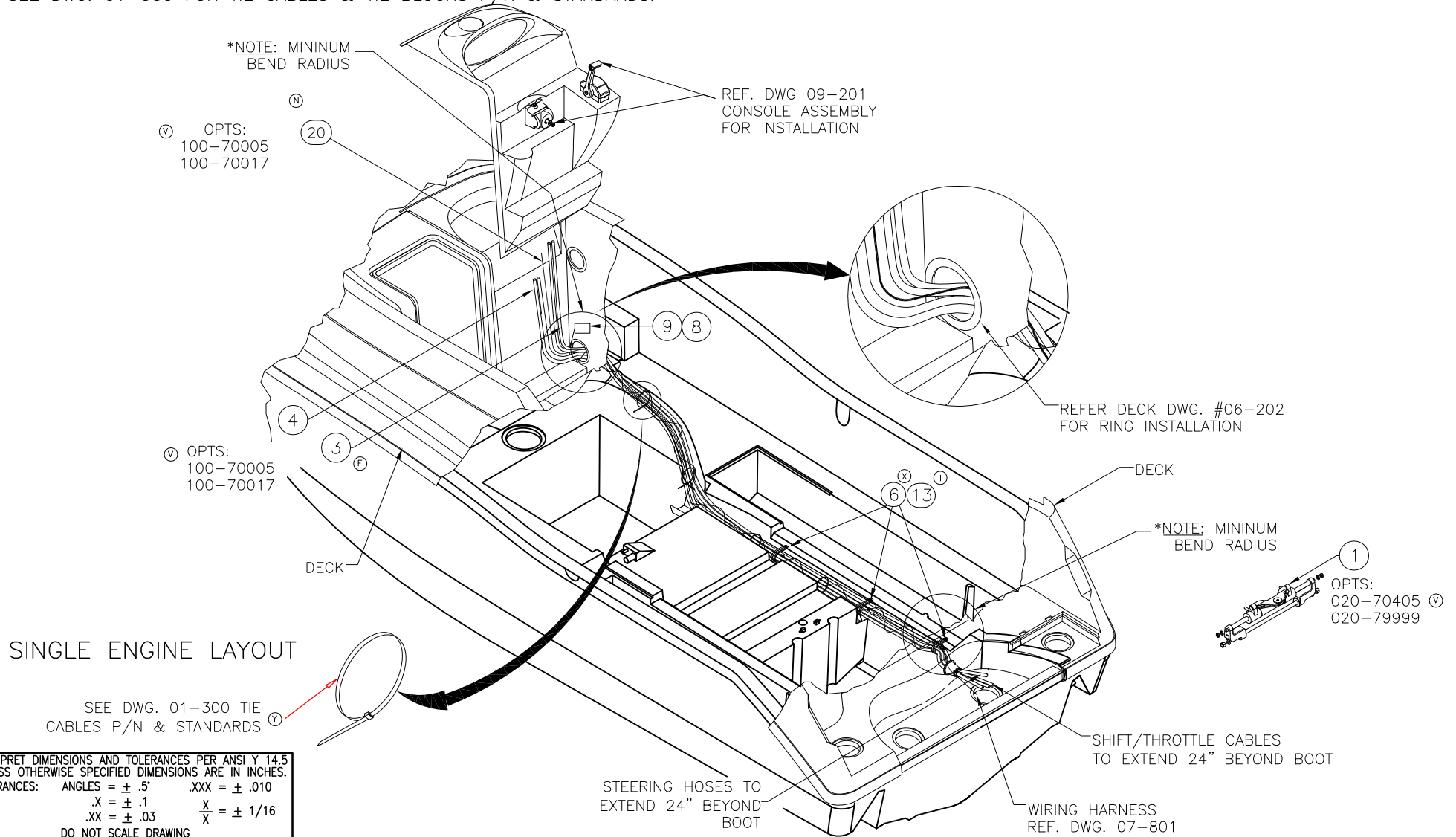
DWG. NO:
10401

REV.
AA

CURRENT ECD
09086177

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".
7. ALL CABLES ARE TO BE RUN PRIOR TO CAPPING.
8. SEE DWG. 01-300 FOR TIE CABLES & TIE BLOCKS P/N & STANDARDS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
X	MYE "09": ITEM #6 WAS 1040344	SLJ	05/13/08	DH	08045121
Y	REMOVE ITEMS 5,16,&17 AND ADD NOTES TO REFER DWG. 01-300	JF	06/16/08	AF	08065289
Z	ADDED TWO MORE OF ITEM # 25 TO STD BOAT	TM	08/19/08	AF	08085289
AA	ADDED P/N 1790999 ELBOWS TO DWG FOR FUEL LINES	DC	08/31/09	AVR	09086177



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

CHECKED: R. DURHAM	DATE: 05/14/01	DRAWN: R. CRAVEN	DATE: 05/09/01	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 05/14/01	DWG. TITLE:			255CQ	
DESIGN: L. SCHOLZ	DATE: 05/14/01	Shift/Throttle, Steering, and Trim Tab Installation			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 7/3/01				2276	10401
					SHT. NO.	
					1	of 5

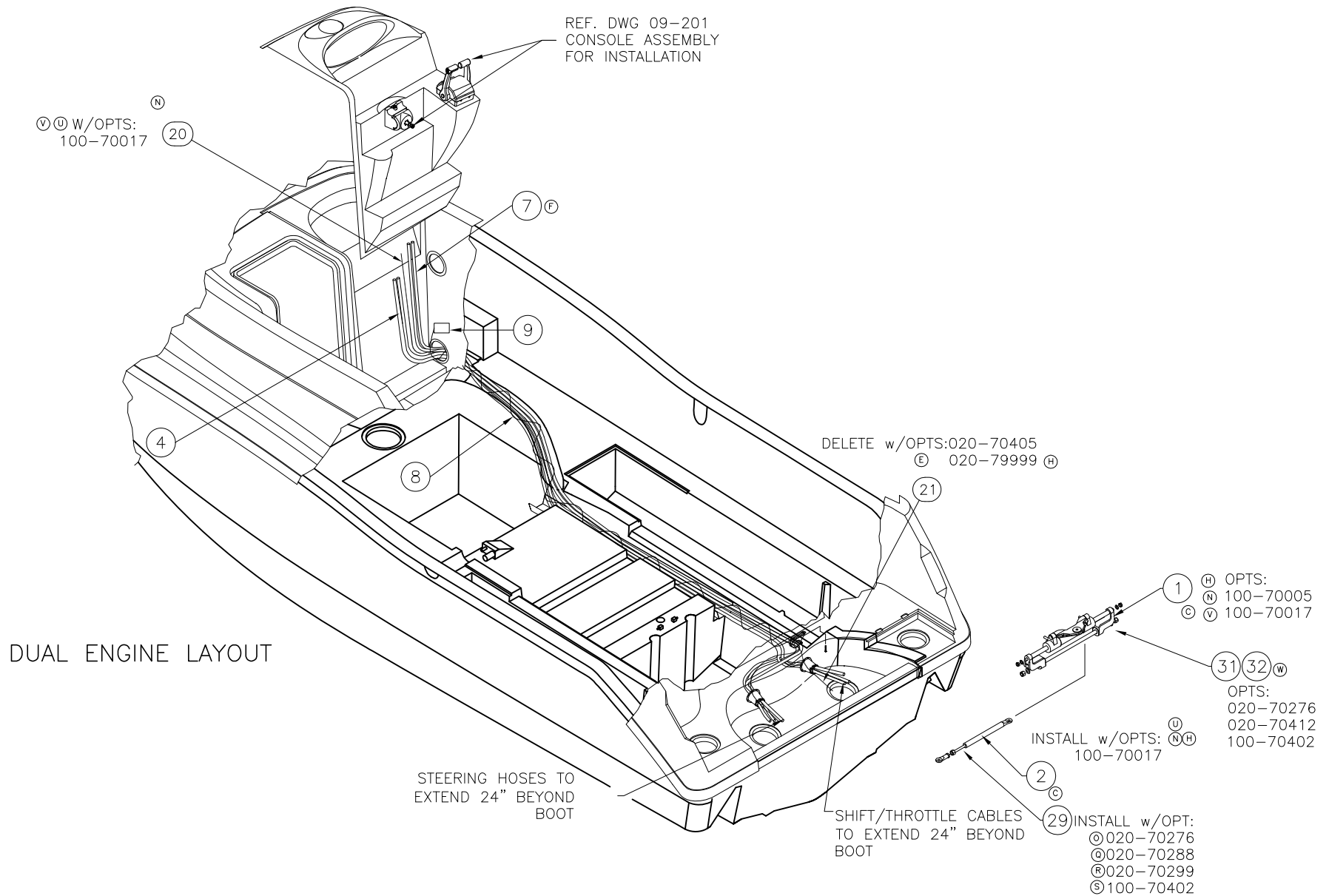


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DWG. NO:
10401

REV.
AA

CURRENT ECD
09086177



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R.CRAVEN DATE:05/09/01 SCALE: NONE

DWG. TITLE:
Shift/Throttle,Steering, and Trim Tab Installation

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
10401

SHT. NO.
2 OF 5

NOTES:

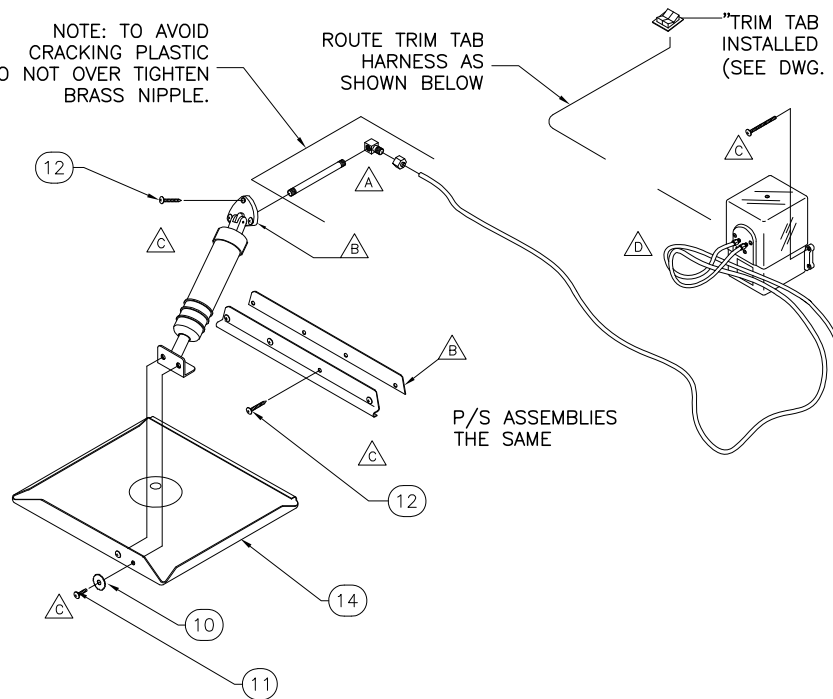
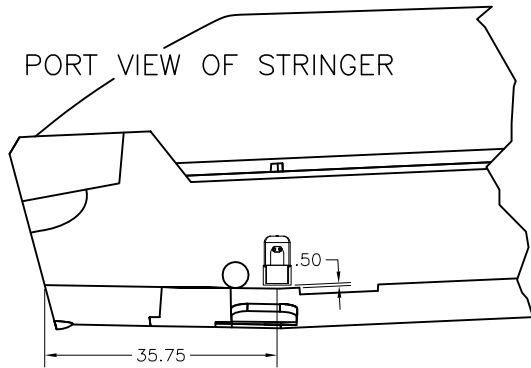
- A APPLY TEFLON PRIOR TO ASSEMBLY OF TRIM TAB CONNECTIONS THRU HULL.
- B APPLY BOSTIC PRIOR TO INSTALLATION
- C TIGHTEN ALL FASTENERS & CONNECTIONS DURING INSTALLATION
- D ROUTING OF LINES SHOULD BE NEAT & SECURED EVERY 14".
- E. CUT TYWRAPS CLEAN & EVEN
- F. CLEAN EXCESS BOSTIC & SEALANTS

NOTE: TO AVOID CRACKING PLASTIC DO NOT OVER TIGHTEN BRASS NIPPLE.

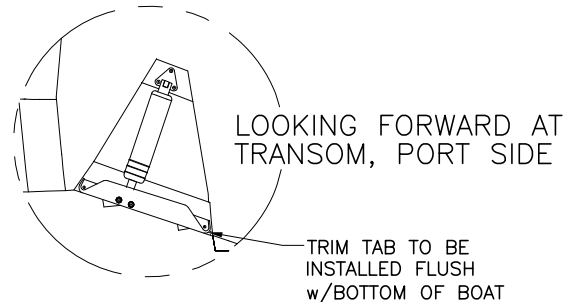
ROUTE TRIM TAB HARNESS AS SHOWN BELOW

"TRIM TAB SWITCH" INSTALLED IN CONSOLE. (SEE DWG. 09-201)

PORT VIEW OF STRINGER

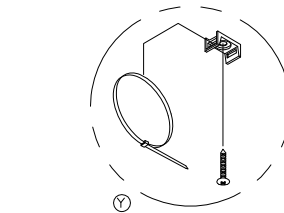


P/S ASSEMBLIES THE SAME



LOOKING FORWARD AT TRANSOM, PORT SIDE

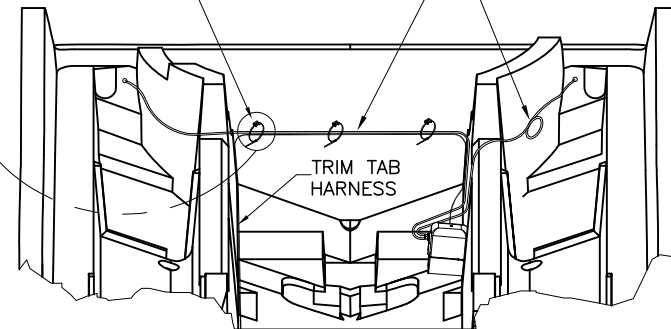
TRIM TAB TO BE INSTALLED FLUSH w/BOTTOM OF BOAT



SEE DWG. 01-300 TIE CABLES & TIE BLOCKS P/N & STANDARDS.

SECURE TO DECK WHEN INSTALLED.

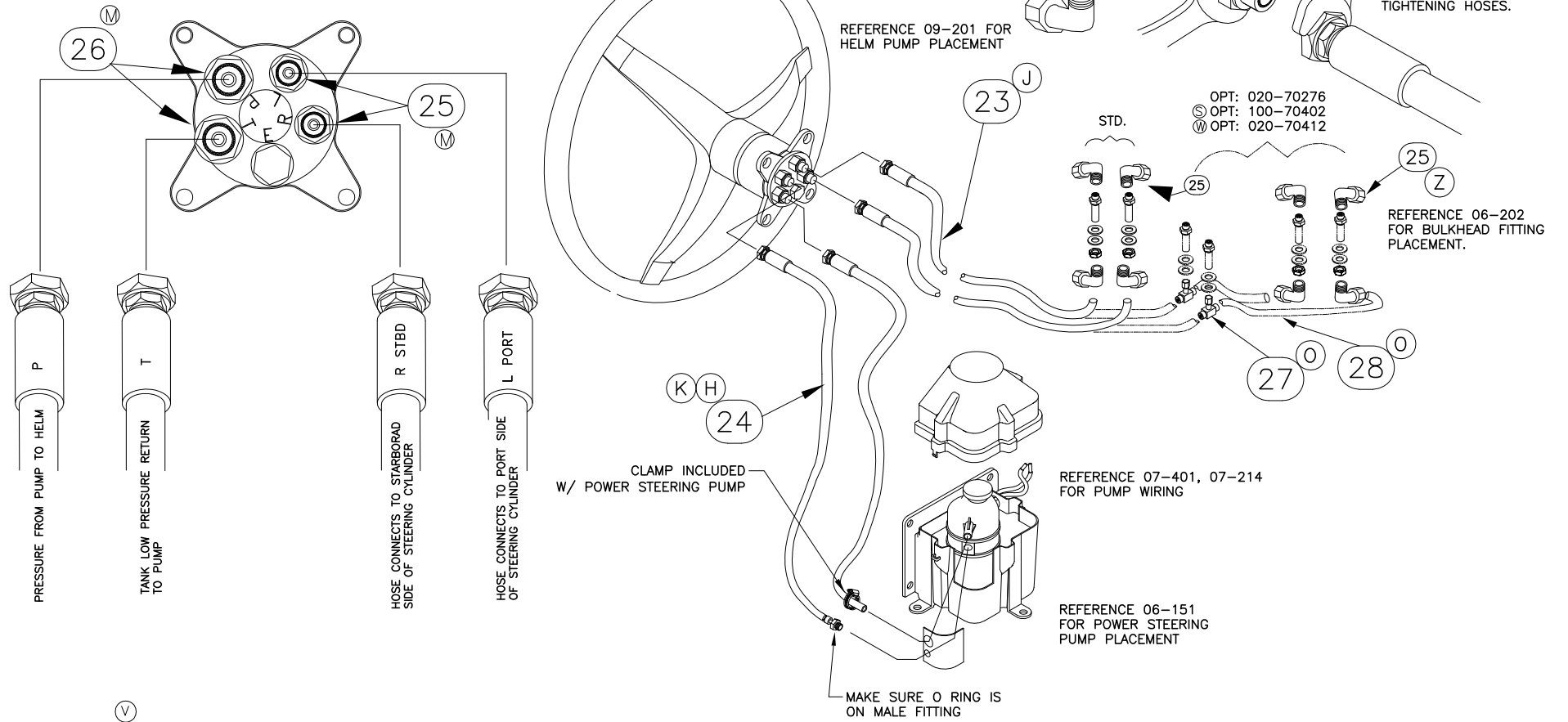
HYD. TUBE ROUTING. PORT & STBD LINES TO BE THE SAME LENGTH. LOOP & SECURE EXCESS PORT LINE.



TRIM TAB HARNESS

LOOKING AFT TO TRANSOM

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 FROM ENTERING HOSES DO NOT REMOVE THE PROTECTOR CAPS FROM THE HOSE ENDS UNTIL CONNECTING THE HOSES.
4. WITH OPT# 100-70401, INSTALL 1ea ITEM 30, WITH OPT# 100-70402 INSTALL 2ea ITEM 30 AND PRE-BLEED AND LEAK CHECK STEERING SYSTEM.



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DWG. NO:
10401

REV.
AA

CURRENT ECD
09086177

Parts List

ITEM	QTY		U/M	DESCRIPTION	B.W.I. NO.
	STD	OPT			
(V)	1	1	EA.	STEERING, HYD CYLINDER O/B PIVOT MN	1095728
	2	1	EA.	TIE BAR, O/B KIT MERC/OMC SGL CYL	1253475
(V)(F)	3	2	EA.	CABLE, CONTROL MERC PLATINUM 20' GEN II	1753104
(V)(H)	4	2	EA.	STEERING, O/B HOSE KIT 20' W/2 HOSES	0996942
(Y)	5	10	EA.	TIE, CABLE 11" MED NYLON BLK	0157321
(X)	6	3	EA.	CLAMP, LOOM 2" G32	1704652
(F)	7	2	EA.	CABLE, CONTROL MERC PLATINUM 22' GEN II	1753262
	8	22	FT.	CORD, NYLON 1/8" WHT	1033372
	9	1	EA.	TAG, BW DO NOT PULL RIGGING	0999755
	10	4	EA.	WASHER, LOCK SPLIT 1/4" SS	0153668
	11	4	EA.	SCREW, MACHINE 1/4"-20 x 3/4" PPH	0151720
	12	14	EA.	SCREW, TAPPING #14 x 1.5" PPH SC	1008697
	13	3	EA.	SCREW, TAPPING #10A x 1" PTH SC	1008739
	14	1	EA.	TRIM TAB, ASSY 9.5" x 12"	1589753
(V)(P)	15	1	GL	FLUID, HYDRAULIC AEROSHELL #41 (NOT SHOWN)	1807698
(Y)	16	5	EA.	TIE, CLIP BLK	1031764
(Y)	17	5	EA.	SCREW, TAPPING #8A x 3/4" PPH SC	1010651
	18				
(N)	19	1	EA.	HARNESS, IGN 25' DUAL ENG	1032796
(V)(N)	20	2	EA.	HARNESS, IGN ASSY 14 PIN 25'	1802106
	21	1	EA.	HARNESS, ENG MERC DIGITAL	1477934
(H)(C)	22	1	EA.	STEERING, HYD CYL O/B PIVOT MNT	1691041
(V)(J)(H)	23	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 20' W/2 HOSES	1772676
(V)(K)(H)	24	1	EA.	STEERING, O/B HOSE KIT PWR PK/HELM 20' W/2 HS	1772678
(Z)(V)(M)	25	6	EA.	STEERING, ELBOW BR 9/16" ORFS FEMALE X MALE	1790999
(V)(M)	26	2	EA.	STEERING, ELBOW BR 11/16" ORFS FEMALE X MALE	1804872
(O)	27	2	EA.	STEERING, TEE FITTING FEMALE 9/16"	1784176
(O)	28	1	EA.	STEERING, O/B HOSE KIT CYL/HELM 4' W/2 HOSES	1781350
(O)	29	1	EA.	TIE BAR, O/B L4/V6 KIT MERC 30"	1802914
(T)	30	1/2	EA.	ACC PART, KIT MERC FITTING CYL RESTRICTOR	1849386
(W)	31	1	EA.	STEERING, CYLINDER HYD/PS L4SC/L4NA/OPTI	1901512
(W)	32	1	EA.	STEERING, CYLINDER HYD/PS L4/OPTI COUNTER	1903678



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.XX = ± .03 X

DO NOT SCALE DRAWING

DRAWN: R.CRAVEN DATE:05/09/01 SCALE: NONE

DWG. TITLE:
Shift/Throttle,Steering, and Trim Tab Installation

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
10401

SHT. NO.
5 of 5

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DWG. NO:
07212

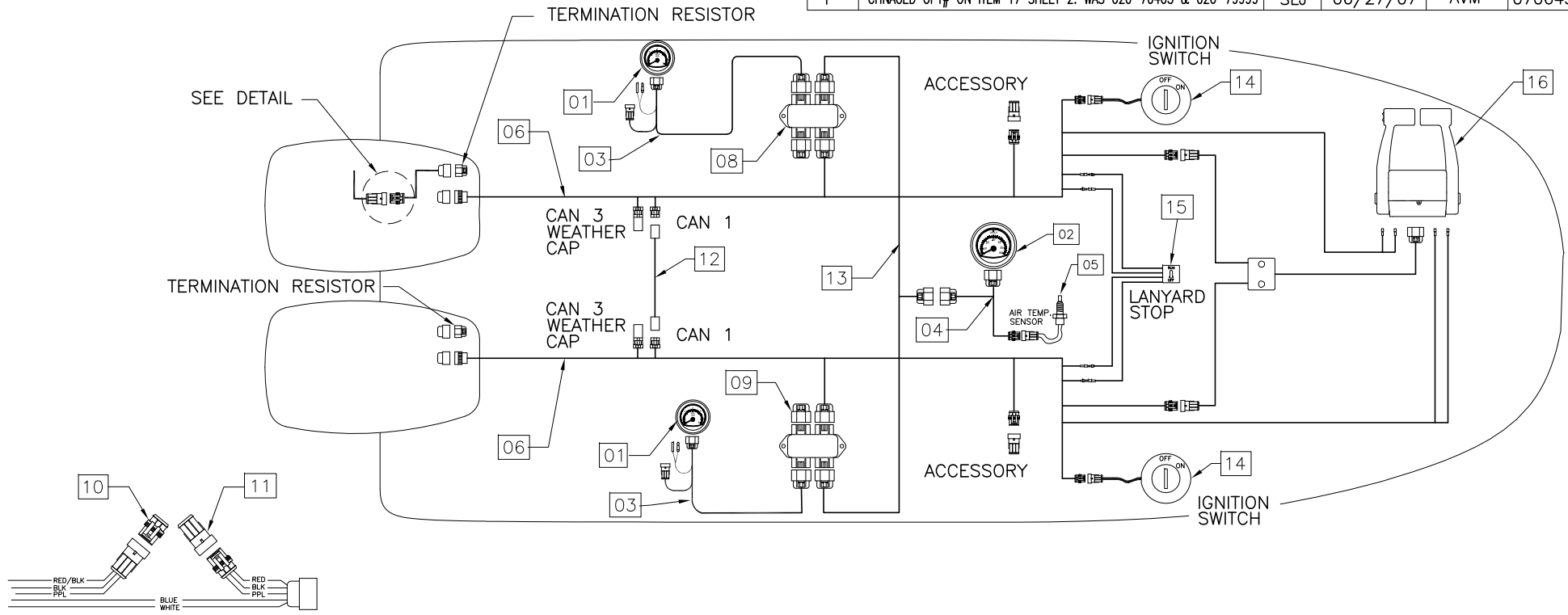
REV.
F

CURRENT ECD
07064384

NOTES:

- REFER TO SHEET 2 FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.
- THE CAN BUS POWER (3 wire) CONNECTOR ON THE PORT ENGINE MUST BE DISCONNECTED. SEAL WITH CAP SEALS.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	2003 MODEL YEAR ENHANCEMENT	RC	07/08/02	-	020429
B	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
C	MYE '06: UPDATED SCHEMATIC (SHT 1) UPDATED BOM (SHT 2) ADDED SHT 2. (SEE MODEL SPACE FOR OLD SCHEMATIC/OLD BOM)	MRZ	05/11/05	MG	050508
D	MYE 2006: UPDATE SCHEMATIC ON PAGE 2	MRZ	06/01/05	MG	050582
E	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/27/06	AVM	060228
F	CHNAGED OPT# ON ITEM 17 SHEET 2. WAS 020-70405 & 020-79999	SLJ	06/27/07	AVM	07064384



WARNING!

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

WARNING!

ALL UNUSED JUNCTION BOX PORTS MUST BE CAPPED (SEALED) USING WEATHER CAPS. FAILURE TO CAP UNUSED PORTS MAY RESULT IN CORROSION LEADING TO IMPROPER FUNCTION.

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

<p>PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: R. CLIFTON	DATE: 09/19/01	DRAWN: R CLIFTON	DATE: 10/06/00	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: R. DURHAM	DATE: 11/29/01	DWG. TITLE: DIAGRAM SMARTCRAFT DUAL DELUX			255CQ		
	DESIGN: L. SCHOLZ	DATE: 12/03/01	INIT. REL. ECN NO:	DWG. NO:	SHT. NO.			
	INT. ENG: M. GATICA	DATE: 12/03/01				2276	07212	1 OF 2

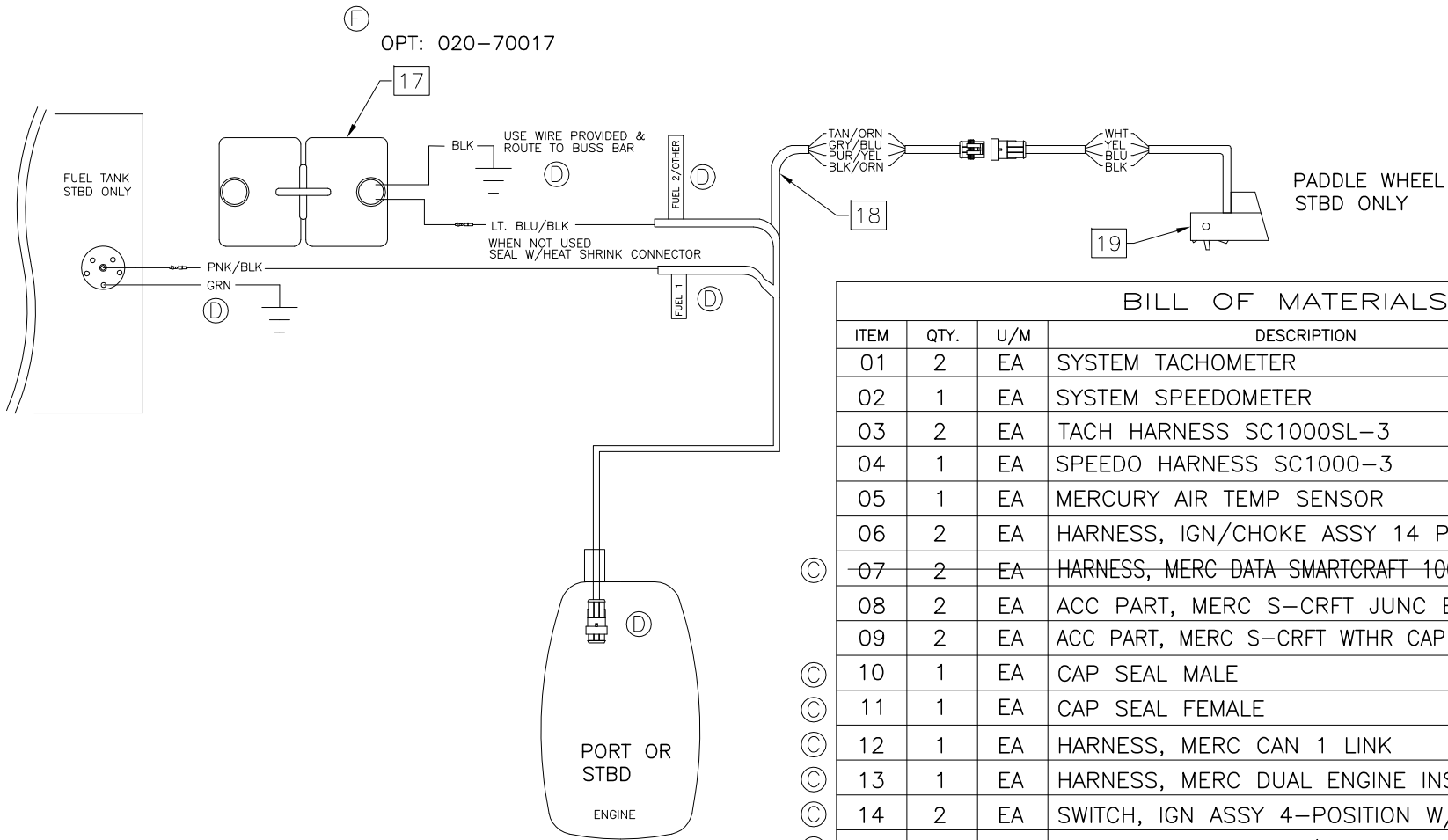
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DWG. NO:
07212

REV.
F

CURRENT ECD
07064384

NOTES:



BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	2	EA	SYSTEM TACHOMETER	----
02	1	EA	SYSTEM SPEEDOMETER	----
03	2	EA	TACH HARNESS SC1000SL-3	----
04	1	EA	SPEEDO HARNESS SC1000-3	----
05	1	EA	MERCURY AIR TEMP SENSOR	-----
06	2	EA	HARNESS, IGN/CHOKE ASSY 14 PIN 20'	1802105
07	2	EA	HARNESS, MERC DATA SMARTCRAFT 1000-1RSL-30'	1507276
08	2	EA	ACC PART, MERC S-CRFT JUNC BOX 4-WAY	1507326
09	2	EA	ACC PART, MERC S-CRFT WTHR CAP 10POS CAP	1507342
10	1	EA	CAP SEAL MALE	1610518
11	1	EA	CAP SEAL FEMALE	1610500
12	1	EA	HARNESS, MERC CAN 1 LINK	1804875
13	1	EA	HARNESS, MERC DUAL ENGINE INST ADP	1793838
14	2	EA	SWITCH, IGN ASSY 4-POSITION W/HOUSING	1801954
15	1	EA	ACC PART, MERC SWITCH (DUAL LANYARD STOP)	1477983
16	2	EA	CONTROL, CNSL MNT DUAL N/HARNESS 4000 GEN II	1752912
17	2	EA	TANK, OIL VRO W/HDWR W/SEND O/B 3 GAL DIGITAL	1477926
18	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
19	1	EA	ACC PART, MERC SPEEDOMETER/TEMP DIG	1477942



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: R CLIFTON

DATE: 10/06/00

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

DIAGRAM SMARTCRAFT DUAL DELUX

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

2276

07212

2 OF 2

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DWG. NO:
07217

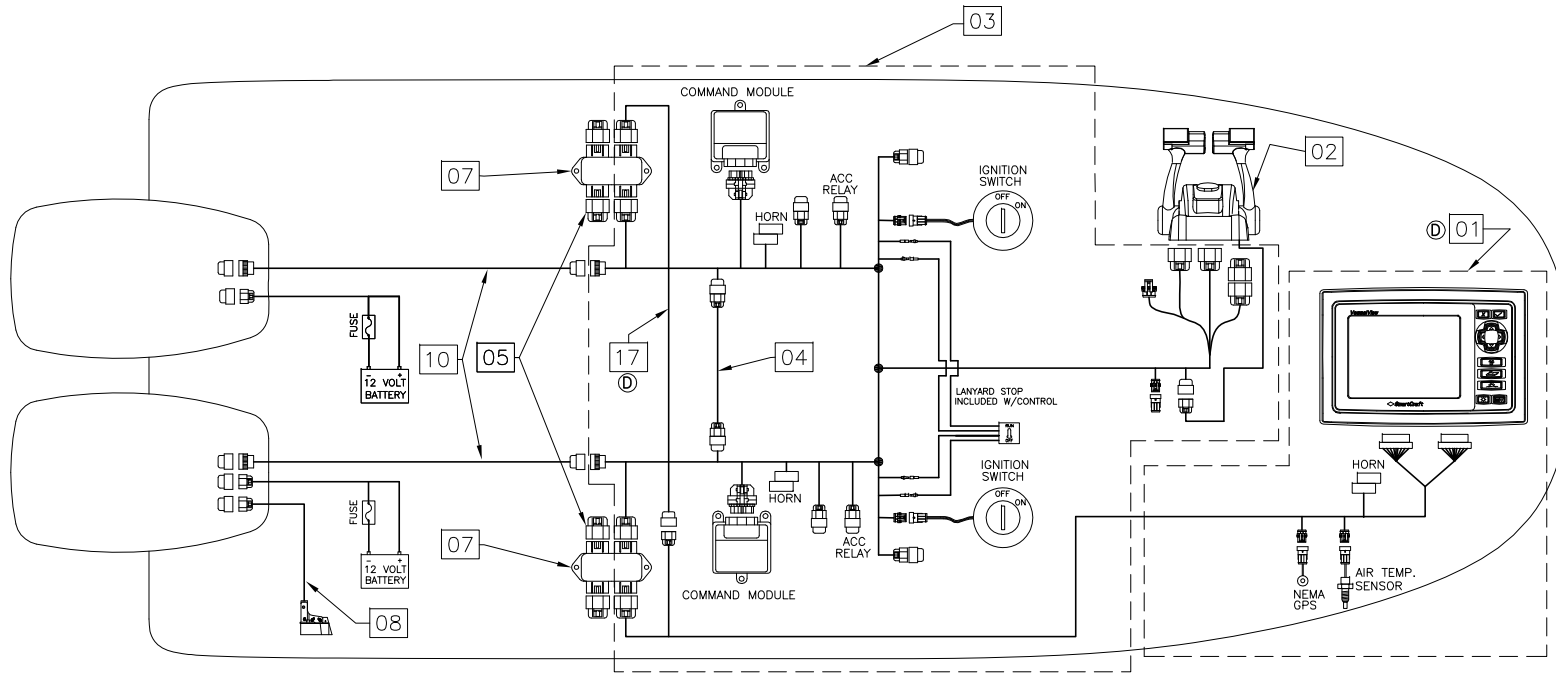
REV.
F

CURRENT ECD
07064383

REVISIONS

REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	ADD OPTION 020-70288 & 020-70299	GD	10/17/05	ME	050726
B	MYE '07 UPDATE PART NUMBER ITEM #3 1849607 WAS 1802840	TW	07/06/06	MG	0606165
C	MYE '07 ITEM # 1849602 WAS 1772359, CHG QTY ITEM #7 WAS 2, ADD ITEM #16 ADDED JUNCTION BOX INTO WIRING SCHEMATIC PAGE 1, ITEM#5 QTY WAS 6	TW	07/18/06	MG	0606166
D	MYE '08: PG 1 UPDATE WIRING DIAGRAM; PG 2 ITEM #1 WAS 1807705, QTY #5 WAS 7, QTY #7 WAS 3, DELETE ITEM #16, ADD ITEM #17	JAH	04/17/07	RA	07044196
E	ADDED OPT 020-70412, DELETED (EU) ENG OPTS	SLJ	07/03/07	RA	07064384
F	ADDED 1 QTY TO ITEM# 14,15	TKJ	8/13/07	AF	07064383

1. REFER TO SHEET 2 FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.



ⓔⓐ

OPT. 020-70276 150 CXL DUAL VERADO 4-STROKE (DTS) MERCURY
020-70412 200 CXL L4 DUAL VERADO 4-STRK (DTS) MERCURY

WARNING!

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

WARNING!

ALL UNUSED JUNCTION BOX PORTS MUST BE CAPPED (SEALED) USING WEATHER CAPS. FAILURE TO CAP UNUSED PORTS MAY RESULT IN CORROSION LEADING TO IMPROPER FUNCTION.

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/X = ± 1/16
DO NOT SCALE DRAWING



CHECKED: RA	DATE: 08/11/05	DRAWN: M.ZAFFUTO	DATE: 05/19/05	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: DH	DATE: 08/15/05	DWG. TITLE:			255CQ	
DESIGN: VPK	DATE: 08/11/05	Diagram Smartcraft Dual Vessel View w/DTS			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: MG	DATE: 08/11/05				050527	07217
						SHT. NO. 1 OF 2

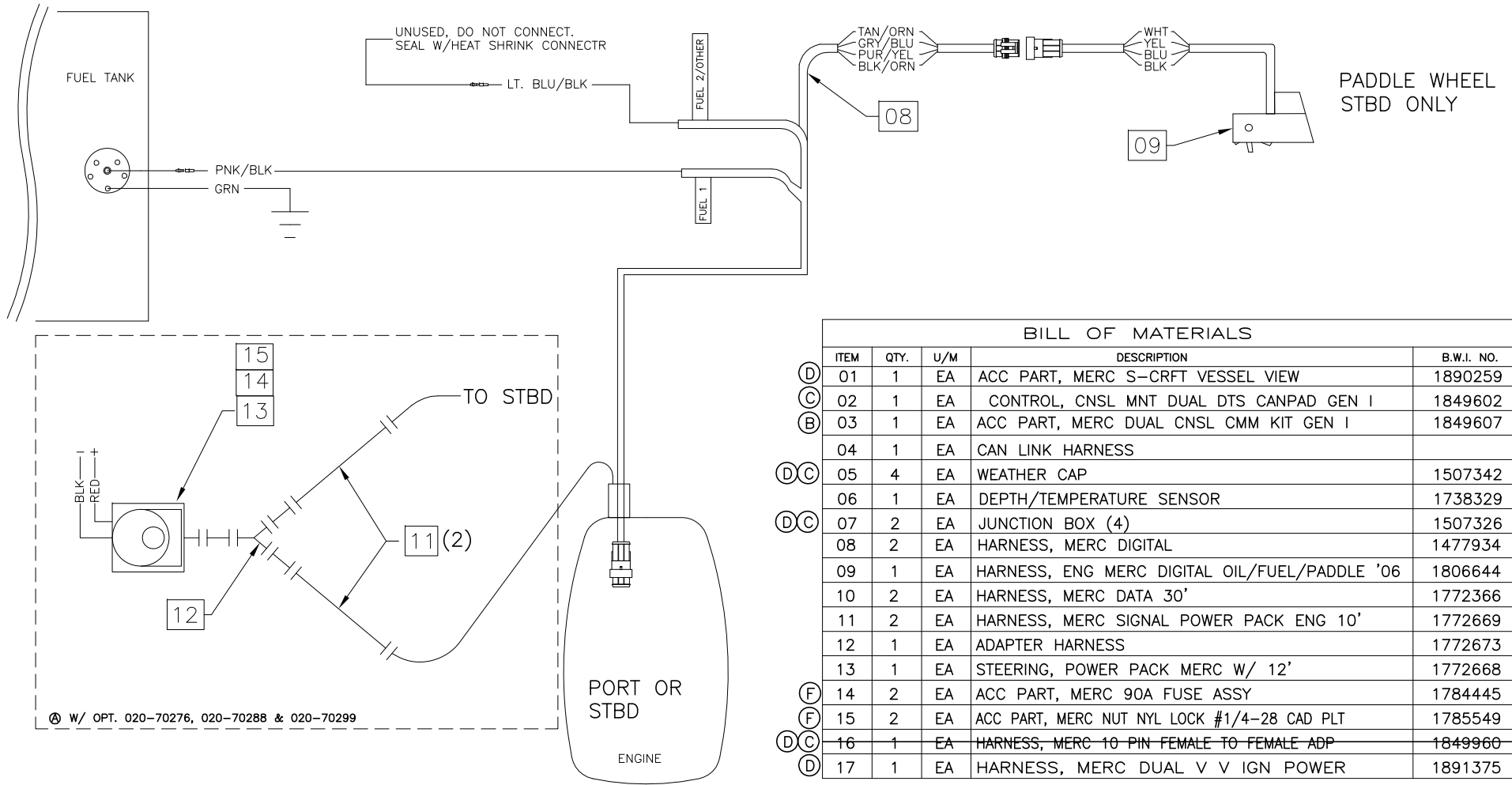
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DWG. NO:
07217

REV.
F

CURRENT ECD
07064383

* NOTE: ADDITIONAL PART SUPPLIED WITH STEERING PUMP PN# 1772668



BILL OF MATERIALS				
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
(D) 01	1	EA	ACC PART, MERC S-CRFT VESSEL VIEW	1890259
(C) 02	1	EA	CONTROL, CNSL MNT DUAL DTS CANPAD GEN I	1849602
(B) 03	1	EA	ACC PART, MERC DUAL CNSL CMM KIT GEN I	1849607
04	1	EA	CAN LINK HARNESS	
(D)(C) 05	4	EA	WEATHER CAP	1507342
06	1	EA	DEPTH/TEMPERATURE SENSOR	1738329
(D)(C) 07	2	EA	JUNCTION BOX (4)	1507326
08	2	EA	HARNESS, MERC DIGITAL	1477934
09	1	EA	HARNESS, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
10	2	EA	HARNESS, MERC DATA 30'	1772366
11	2	EA	HARNESS, MERC SIGNAL POWER PACK ENG 10'	1772669
12	1	EA	ADAPTER HARNESS	1772673
13	1	EA	STEERING, POWER PACK MERC W/ 12'	1772668
(F) 14	2	EA	ACC PART, MERC 90A FUSE ASSY	1784445
(F) 15	2	EA	ACC PART, MERC NUT NYL LOCK #1/4-28 CAD PLT	1785549
(D)(C) 16	1	EA	HARNESS, MERC 10 PIN FEMALE TO FEMALE ADP	1849960
(D) 17	1	EA	HARNESS, MERC DUAL V V IGN POWER	1891375

OPT. 020-70276 150 CXL DUAL VERADO 4-STROKE (DTS) MERCURY
 (E)(A) 020-70412 200 CXL L4 DUAL VERADO 4-STRK (DTS) MERCURY



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: M.ZAFFUTO DATE: 05/19/05 SCALE: NONE
 DWG. TITLE: Diagram Smartcraft Dual Vessel View w/DTS

BOAT MODEL 255CQ	MOLD NO.
INIT. REL. ECD NO: 050527	DWG. NO: 07217
SHT. NO. 2 OF 2	

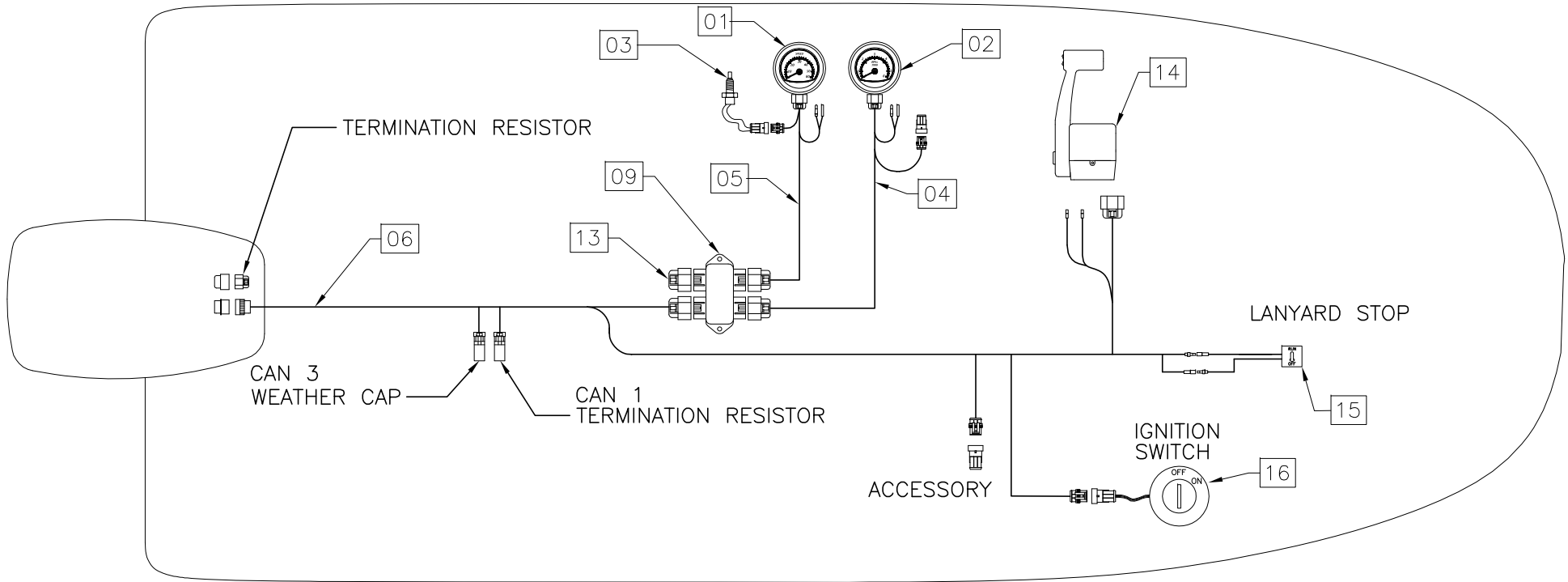
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DWG. NO: 07211	REV. F	CURRENT ECD 07054306
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NOTES:

- REFER TO SHEET 2 FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.


REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	2003 MODEL YEAR ENHANCEMENT	RC	07/08/02	-	020429
B	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
C	MYE '06: UPDATED SCHEMATIC (SHT 1) UPDATED BOM (SHT 2) ADDED SHT 2. (SEE MODEL SPACE FOR OLD SCHEMATIC/OLD BOM)	MRZ	05/11/05	MG	050508
D	MYE '06: UPDATE SCHEMATIC ON PAGE 2	MRZ	06/01/05	MG	050582
E	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228
F	OBSOLETE	RJW	05/09/07	RA	07054306



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

 <p>BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: R. CLIFTON	DATE: 09/19/01	DRAWN: R CLIFTON	DATE: 08/28/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. DURHAM	DATE: 11/29/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 12/03/01	DIAGRAM SMARTCRAFT SINGLE DELUX			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 12/03/01				010737	07211

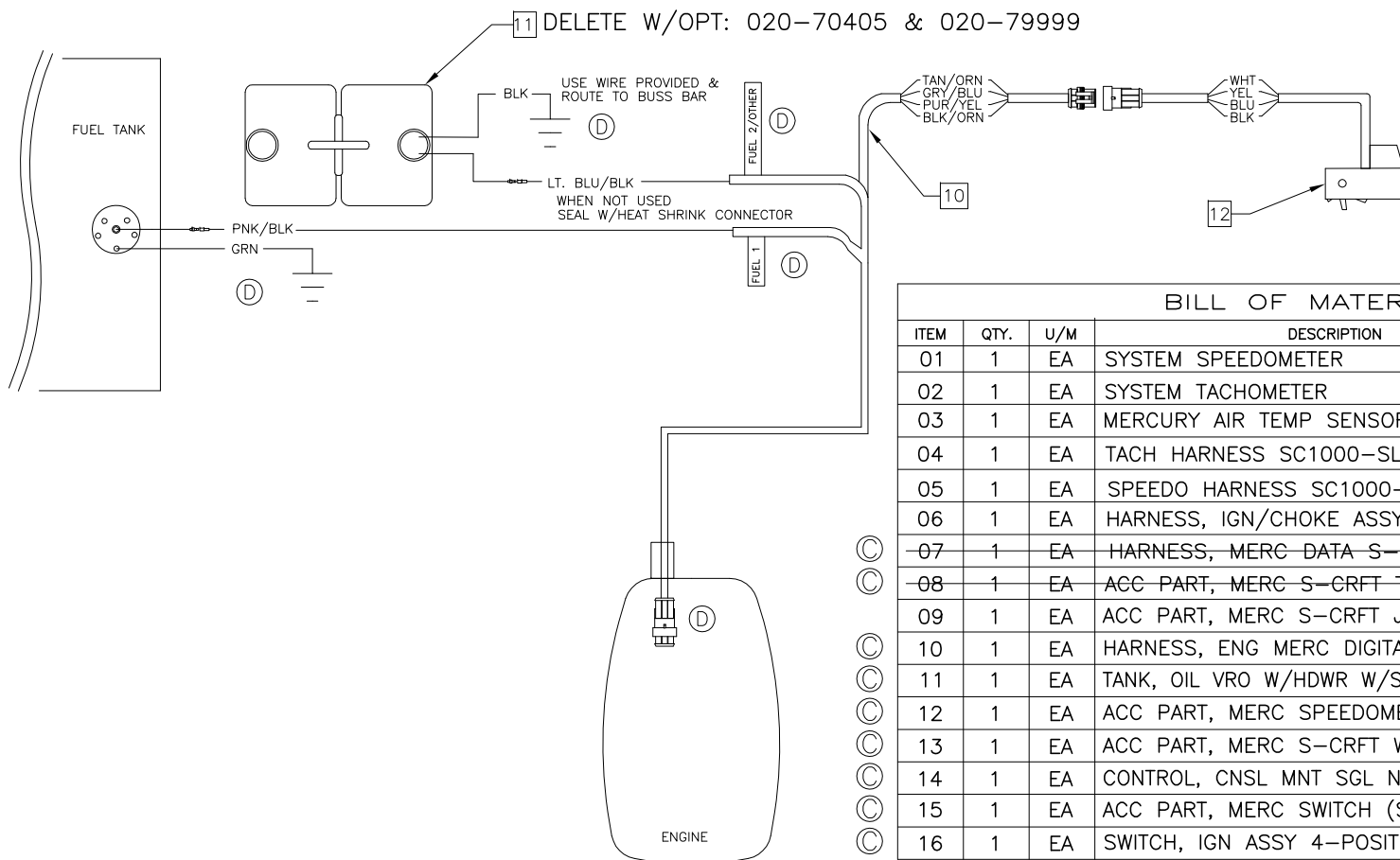
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DWG. NO:
07211

REV.
F

CURRENT ECD
07054306

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 25'	1802106
07	1	EA	HARNESS, MERC DATA S-CRFT 1000-1RSL-30'	1507276
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



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/X = ± 1/16
 DO NOT SCALE DRAWING

DRAWN: R CLIFTON

DATE: 08/28/01

SCALE: NONE

BOAT MODEL

MOLD NO.

255CQ

DWG. TITLE:

DIAGRAM SMARTCRAFT SINGLE DELUX

INIT. REL. ECN NO:

DWG. NO:

SHT. NO.

010737

07211

2 OF 2

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DWG. NO:
07210

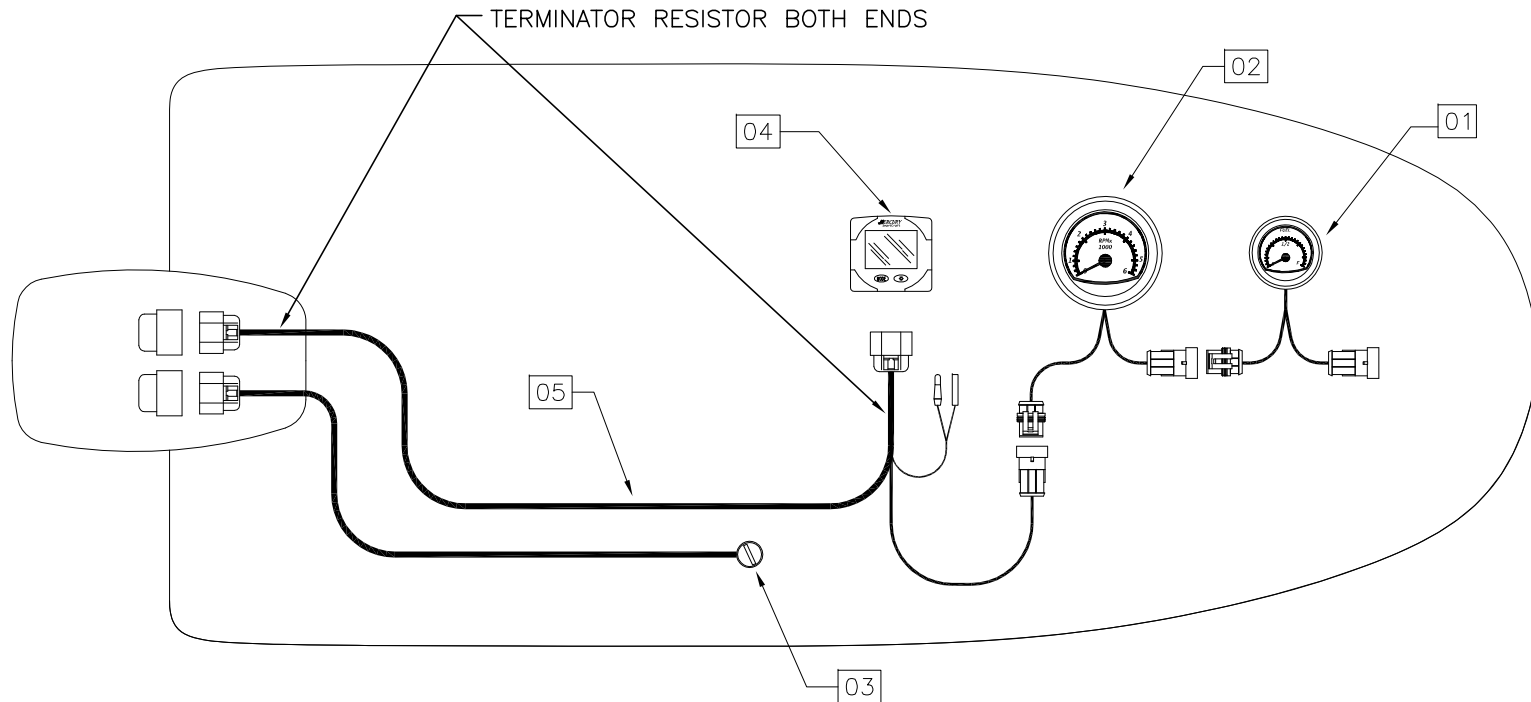
REV.
B

CURRENT ECD
060228

NOTES:

1. APPLY DIELECTRIC GREASE TO ALL PLUG TYPE TERMINATIONS.
2. REFER TO ENGINE INSTALLATION MANUAL FOR PADDLE WHEEL, OIL TANK, AND FUEL TANK WIRING DETAIL.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
A	Changed Numbering System/Apply Att.Border.	AVM	04/21/03	-	030317
B	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/28/06	AVM	060228



WARNING!

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

BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA	SYSTEM LINK FUEL GAUGE	-----
02	1	EA	SYSTEM LINK TACHOMETER	-----
03	1	EA	MERC. IGNITION HARNESS	-----
04	1	EA	SYSTEM MONITOR	-----
05	1	EA	SMARTCRAFT HARNESS SC1000-2RSL-30	1507250

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/X = ± 1/16
 DO NOT SCALE DRAWING

 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: RH	DATE: 09/19/01	DRAWN: R CLIFTON	DATE: 08/28/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: RD	DATE: 11/29/01	DWG. TITLE:			255CQ	
	DESIGN: LS	DATE: 12/03/01	DIAGRAM SMARTCRAFT SINGLE SYSTEM MONITOR			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: MG	DATE: 12/03/01			010737	07210	SHT. NO.
							1 OF 1

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DWG. NO:
07214

REV.
L

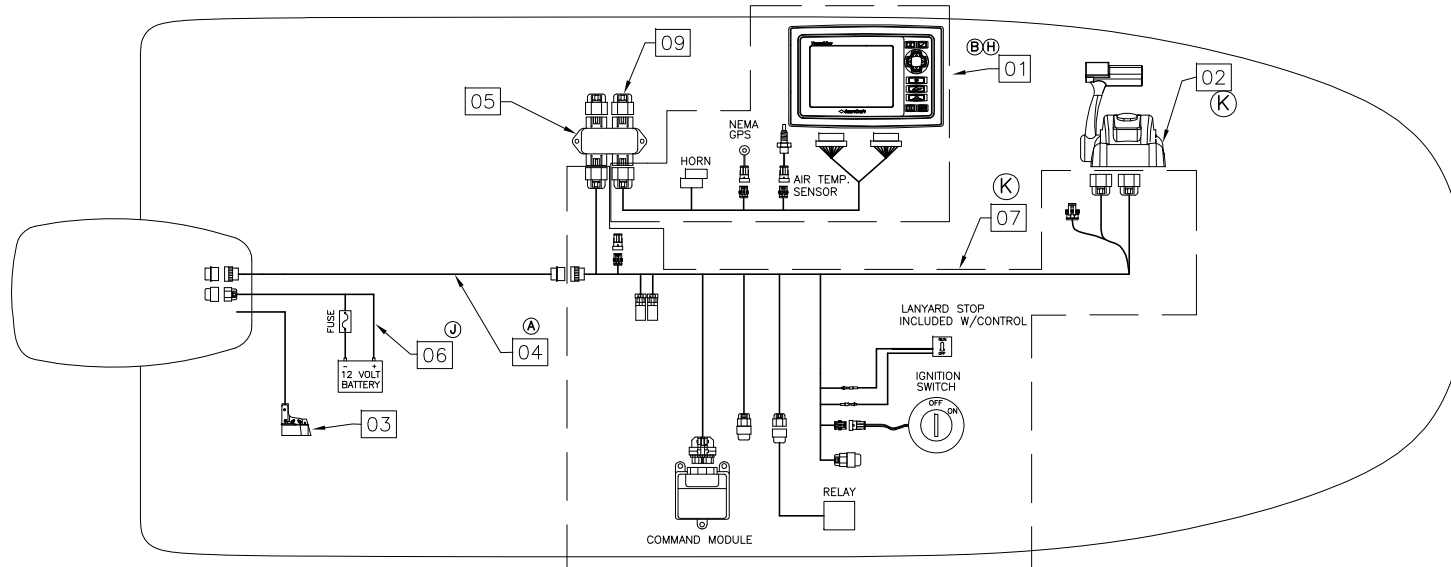
CURRENT ECD
08115626

- Ⓐ OPT. 020-70265 250 XXL VERADO 4-STROKE (DTS) MERCURY
- 020-70269 275 XXL VERADO 4-STROKE (DTS) MERCURY
- Ⓛ 020-70414 300 XXL L6 VERADO 4-STROKE (DTS) MERCURY

WARNING!

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

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
H	MYE '08: UPDATE WIRING DIAGRAM, PG 1 ITEM #1 WAS 1772364	JAH	04/17/07	RA	07044196
I	DELETE (EU) ENG OPTS AND ITEM 11	SLJ	07/03/07	AF	07064384
J	CHANGED PN# & DESCRIPTION ITEM 6, WAS 1507334	SLJ	08/07/07	AF	07074422
K	CHANGED PN#18496061772360 TO 1849604,1802837	TKJ	10/19/07	AF	07104598
L	REMOVED ITEM 12 FROM DWG	TKJ	12/1/08	AF	08115626



BILL OF MATERIALS					
ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.	
Ⓜⓔⓐ 01	1	EA	ACC PART, MERC S-CRFT VESSEL VIEW	1890259	
Ⓚⓐ 02	1	EA	REMOTE CONTROL	1802837	
03	1	EA	DEPTH/TEMPERATURE SENSOR	1738329	
ⓐ 04	1	EA	HARNESS, MERC DATA	1772366	
05	1	EA	JUNCTION BLOCK (4)	1507326	
Ⓜⓐ 06	1	EA	HARNESS, CLEAN POWER 14' DTS	1904056	
ⓀⓂⓐⓐ 07	1	EA	ACC PART, MERC SGL CNSL CMM KIT GEN I	1849604	
ⓐ 08	1	EA	HARNESS, MERC HELM POWER	1740394	
ⓐⓑ 09	2	EA	ACC PART, MERC S-CRFT WTHR CAP 10POS CAP	1507342	

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

<p>BOSTON WHALER PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: RA	DATE: 9/6/02	DRAWN: R.CLIFTON	DATE: 08/13/02	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. CLIFTON	DATE: 9/6/02	DWG. TITLE:			255CQ	
	DESIGN: KR	DATE: 9/17/02	Diagram Smartcraft Vessel View w/DTS			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: SH	DATE: 5/28/04				020631	07214

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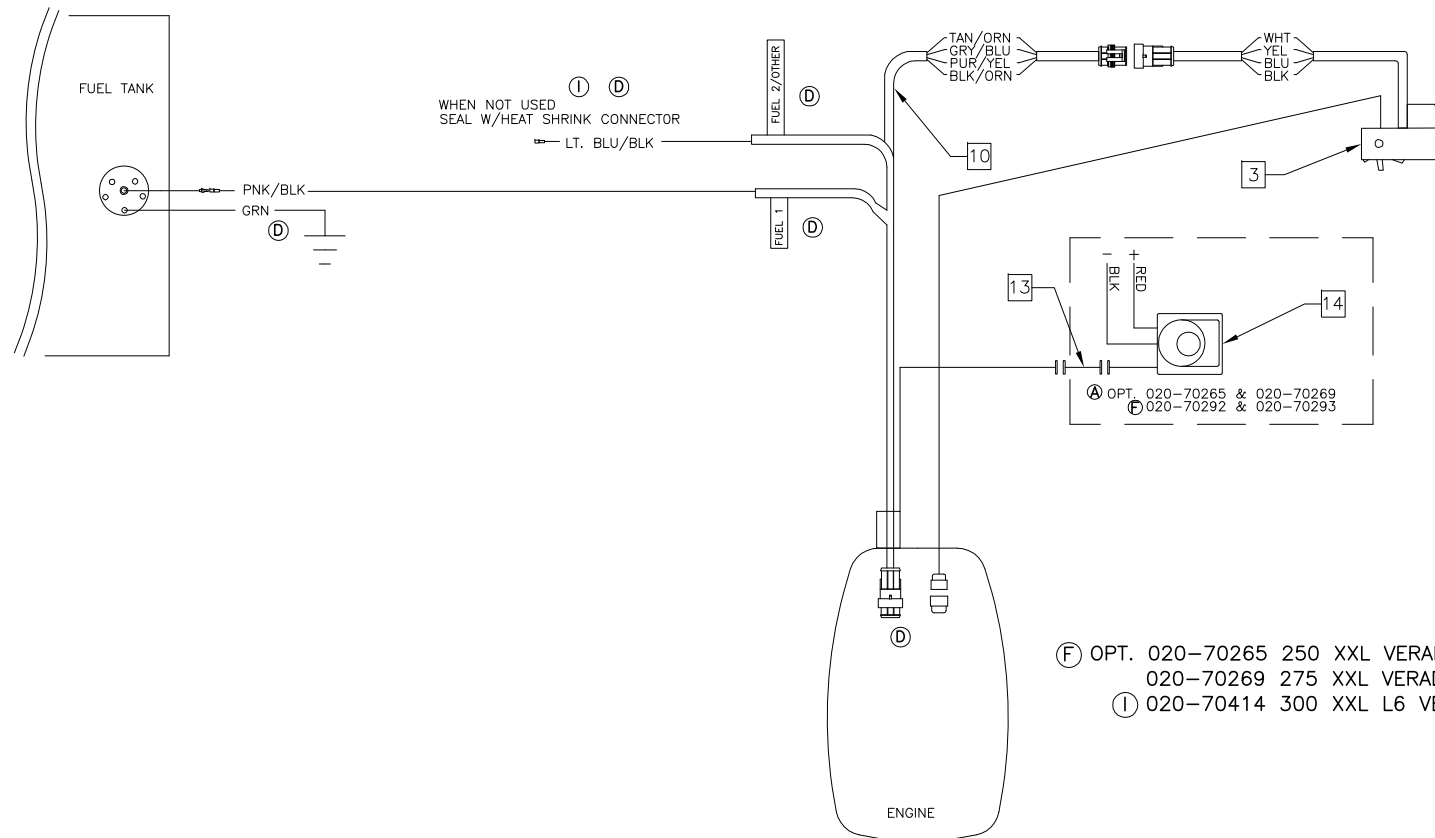
DWG. NO:
07214

REV.
L

CURRENT ECD
08115626

BILL OF MATERIALS

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.	
③	10	1	EA	HARNES, ENG MERC DIGITAL OIL/FUEL/PADDLE '06	1806644
	11	1	EA	OIL TANK W/SENDER	1477926
④	12	1	EA	PADDLE WHEEL	1477942
⑤	13	1	EA	HARNES, MERC SIGNAL POWER PACK ENG 10'	1772669
⑥	14	1	EA	STEERING, POWER PACK MERC W/12' LEAD	1772668



- ⑥ OPT. 020-70265 250 XXL VERADO 4-STROKE (DTS) MERCURY
020-70269 275 XXL VERADO 4-STROKE (DTS) MERCURY
- ① 020-70414 300 XXL L6 VERADO 4-STROKE (DTS) MERCURY



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R.CLIFTON

DATE:08/13/02

SCALE: NONE

BOAT MODEL

MOLD NO.

DWG. TITLE:

Diagram Smartcraft Vessel View w/DTS

255CQ

INIT. REL. ECN NO:

DWG. NO:

020631

07214

SHT. NO.

2 of 2

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DWG. NO:
09404

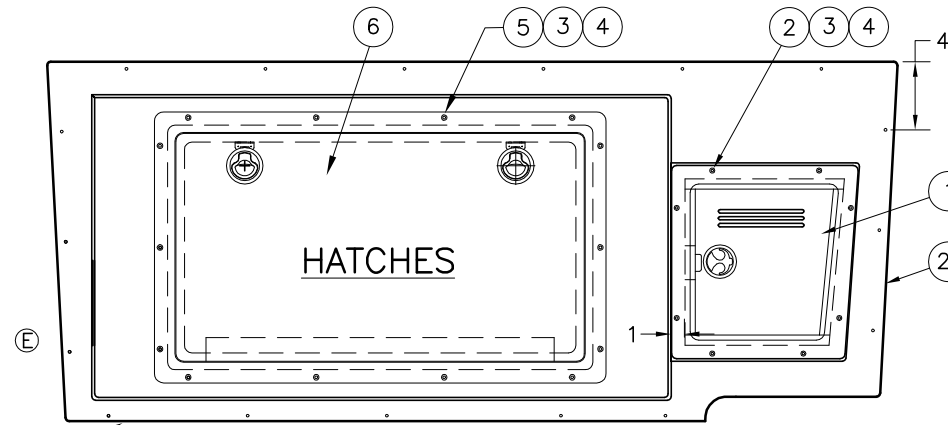
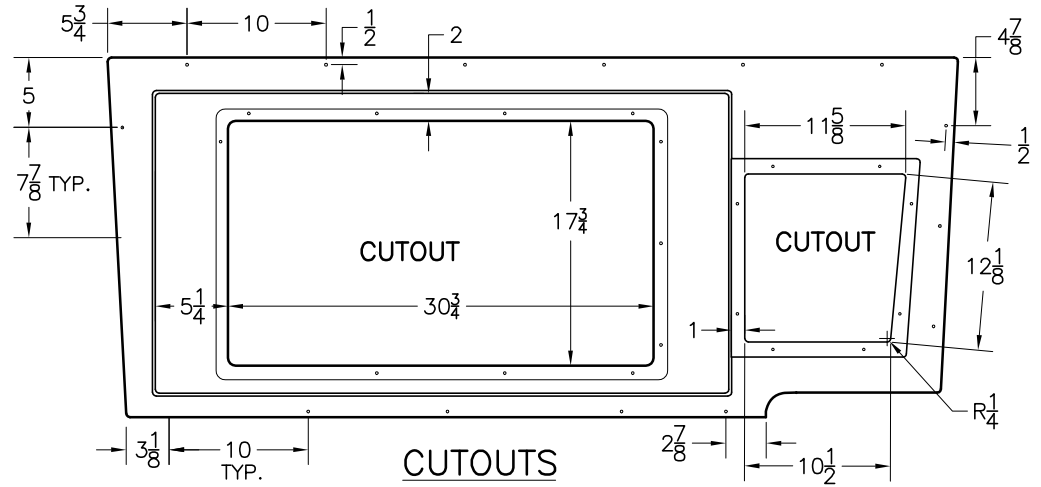
REV.
1

CURRENT ECD
07044278

NOTES:

- USE FIXTURES FOR ALL CUTOUTS.
(SEE DWG. 01-201 FOR LIST.)

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
G	#16 WAS 1007764	SWH	06/08/06	AVM	0604144
H	CHANGED HINGE INSTALLATION DIMENSIONS, SHEET 2	SLJ	04/03/07	AVM	07024097
I	CHANGED PART # 1034552, ITEM # 11 TO PART# 1887723	TKJ	04/25/07	AVF	07044278



FLUSH WITH BOTTOM

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/X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: R. DURHAM	DATE: 6/28/01	DRAWN: H READ	DATE: 06/24/01	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 6/28/01	DWG. TITLE:			255CQ	
DESIGN: L. SCHOLZ	DATE: 6/29/01	STERN SEAT SUB ASSEMBLY			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 7/02/01				2276	09404
					SHT. NO.	
					1	of 3

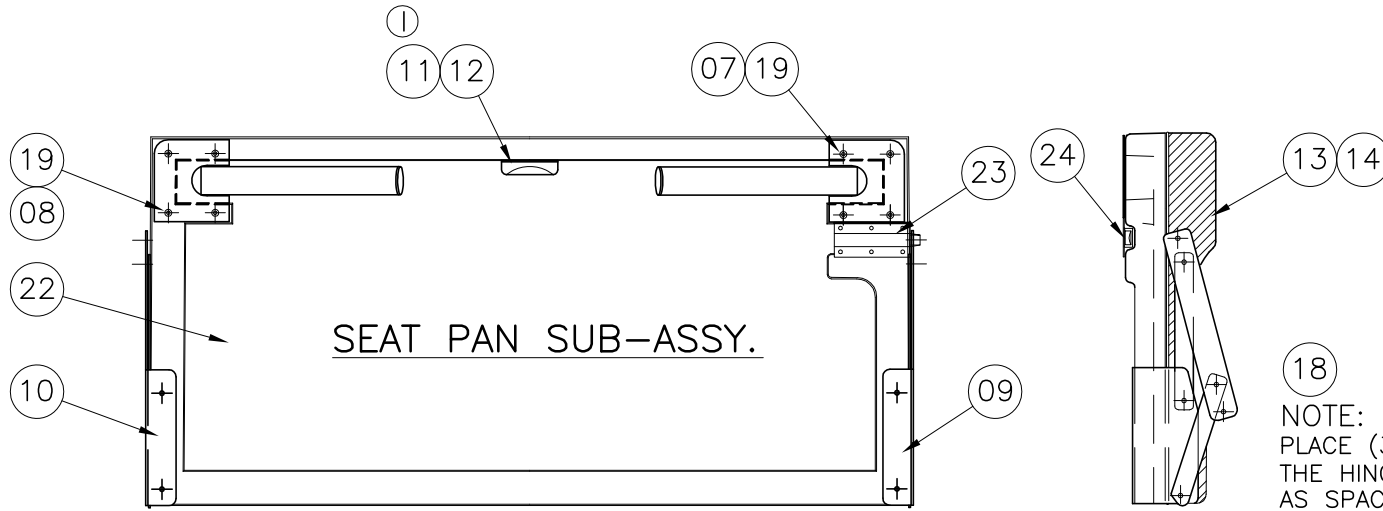
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DWG. NO:
09404

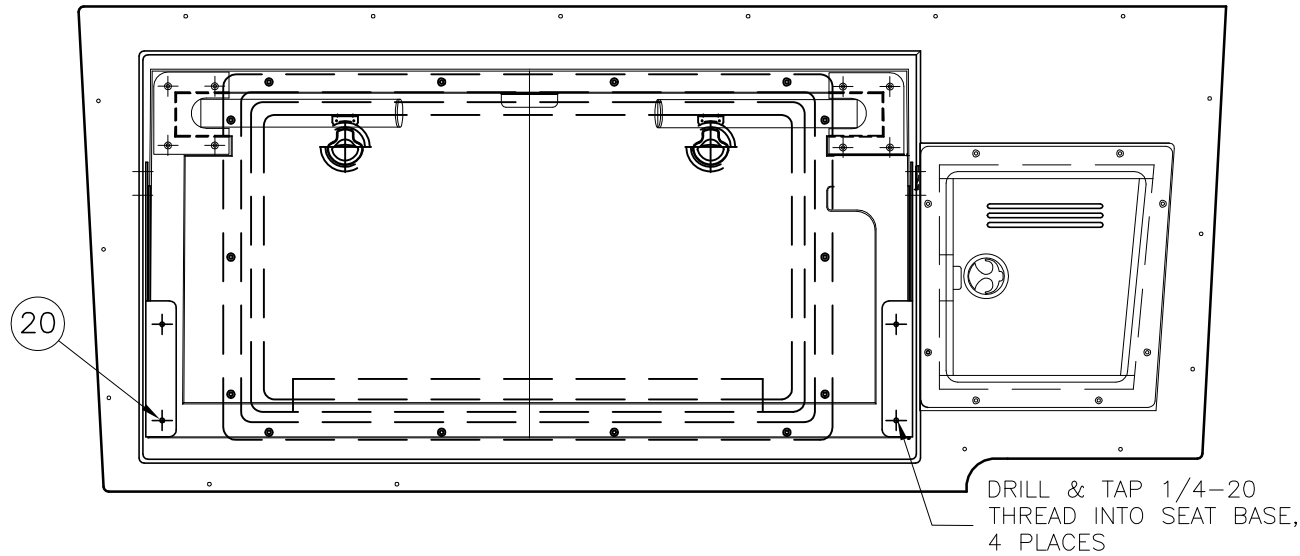
REV.
1

CURRENT ECD
07044278

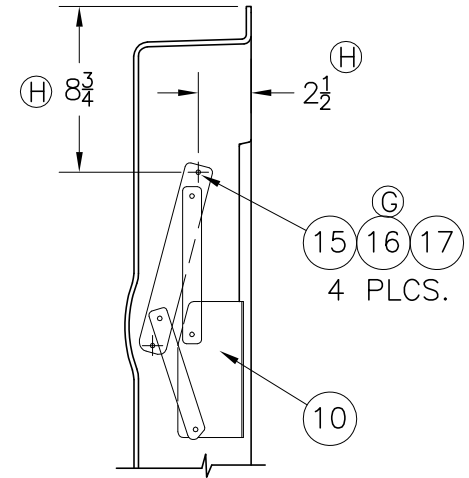
NOTES:



NOTE:
PLACE (3) #10 FLATWASHERS BETWEEN THE HINGE AND SEAT PAN INSERT PART AS SPACERS, TYP. 2 PLCS. EA. HINGE.



SEAT PAN INTO SEAT PAN BASE SUB-ASSY.



PARTIAL SECTION A-A



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: H READ DATE:05/24/01 SCALE: NONE
DWG. TITLE: STERN SEAT SUB ASSEMBLY

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
09404

SHT. NO.
2 OF 3

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DWG. NO:
09404

REV.
1

CURRENT ECD
07044278

NOTES:

Parts List				
ITEM	QTY.	U/M	DESCRIPTION	BWI NO.
	1	EA.	DOOR, HDPE BW255CQ-02 SEAT PAN ACCESS	1667344
	2	8	EA. SCREW, MACHINE #10-24 x 1.25" POH SC	1008424
	3	22	EA. WASHER, FLAT #10 SC	1260751
	4	22	EA. HEX NUT, NYLON LOCK #10-24 SC	1007772
	5	14	EA. SCREW, MACHINE #10-24 x 1.5" POH SC	1305788
	6	1	EA. HATCH, HDPE ACCESS 18" x 30" SEAFOAM	1412568
	7	1	EA. SUPPORT, BW-01 LEG FLDNG STERN ST LEFT	1601525
	8	1	EA. SUPPORT, BW-01 LEG FLDNG STERN ST RIGHT	1601533
	9	1	EA. HINGE, BWCQ/OR-00 FOLDING SEAT LEFT	1423953
	10	1	EA. HINGE, BWCQ/OR-00 FOLDING SEAT RIGHT	1423961
①	11	1	EA. HANDLE, SS PULL SURF MNT 1"X 5"	1887723
	12	2	EA. SCREW, TAPPING #8 x 5/8" PTH SC	1010925
	13	1	EA. CUSH, BW 255CQ-02 STERN SEAT	1616846
	14	6	EA. SNAP, STUD W/#8 x 3/8" PH BR/NI/SS	0203786
	15	4	EA. SCREW, MACHINE 1/4-20 x 1.5" PPH SC	1008598
Ⓒ	16	4	EA. NUT, LOCK #1/4-20 SC STD PATT	1009786
	17	4	EA. WASHER, FENDER 1/4" x 1.25" SC	1260678
	18	12	EA. WASHER, FLAT 1/4" SC	1260769
	19	8	EA. SCREW, TAPPING #10A x 1" POH SC	1008507
	20	4	EA. SCREW, MACHINE 1/4-20 x 1" PPH SC	1008580
	21	1	EA. FIBERGLASS PART, STERN SEAT INSERT 255CQ	22-K035-00
	22	1	EA. FIBERGLASS PART, SEAT PAN 26-OR	22-J633-01
	23	1	EA. LATCH, SLAM W/30" STRAP BLACK	1046788
	24	1	EA. BRACKET, MOBELLA STRIKE SS	1609791
Ⓔ Ⓑ	25	2	EA. SCREW, CAP #3/8-16 X 2.00" HEX HD SC	1742747
Ⓔ Ⓑ	26	2	EA. NUT, HEX NYLON LOCK #3/8-16 SC	1007798
Ⓔ Ⓑ	27	4	EA. WASHER, FLAT #3/8" SC	1260793
Ⓔ Ⓑ	28	1	EA. SHIM, HDPE BW3200R-03 TRIM PUMP WHT	1753273



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: 05/24/01 SCALE: NONE
 DWG. TITLE: STERN SEAT SUB ASSEMBLY

BOAT MODEL 255CQ	MOLD NO.	INIT. REL. ECN NO: 2276	DWG. NO: 09404	SHT. NO. 3 of 3
---------------------	----------	----------------------------	-------------------	--------------------

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DWG. NO:

09403

REV.

D

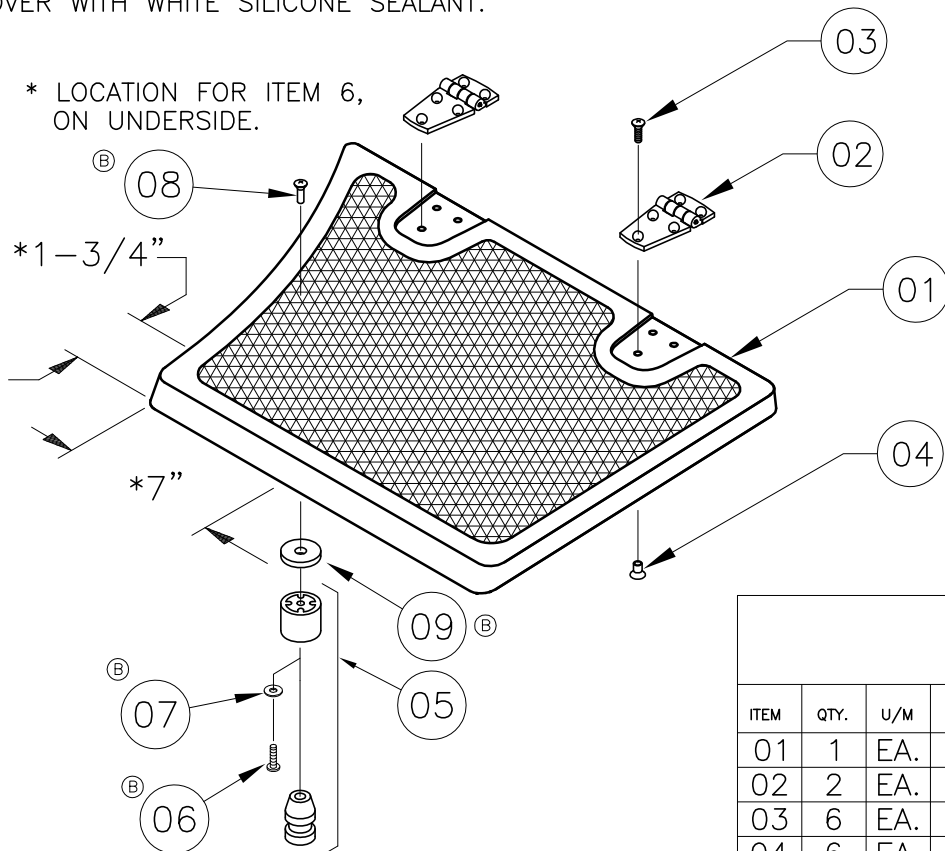
CURRENT ECD

060228

NOTES:

1. REFER TO DWG. 22-K034-00 FOR TRIM & GRIND INFO.
2. HOLES THRU FIBERGLASS FOR SCREWS (ITEM 03) SHALL BE SEALED USING WHITE SILICONE SEALANT WHEN INSTALLED.
3. BBL NUT HEADS SHALL BE SEALED & SMOOTHED OVER WITH WHITE SILICONE SEALANT.


REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
B	2004 MYE - MOUNT BLUE RBR PART ON COVER: #7 ADDED; #6 WAS #1008630.	RD	04/15/03	RA	030345
C	CHANGED NUMBERING SYSTEM/ APPLY ATT. BORDER	AVM	05/14/03	-	030319
D	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	03/01/06	AVM	060228



PARTS LIST

ITEM	QTY.	U/M	DESCRIPTION	B.W.I. NO.
01	1	EA.	FIBERGLASS PART, SWIM LADDER COVER	22-K034-00
02	2	EA.	HINGE, DOOR SS 1.5" x 3" THINLINE	1617323
03	6	EA.	SCREW, MACHINE #10-24 x 3/4" POH	1008440
04	6	EA.	NUT, BBL #10-24 x 3/8" FH	1010735
05	1	EA.	STOP, DOOR HOLDER RBR BLUE	1142348
06	1	EA.	SCREW, MACHINE #10-24 x 3/4" PTH SC	1008705
07	1	EA.	WASHER, FLAT #10 SC	1260751
08	1	EA.	NUT, BBL #10-24 X 3/8" TH CHR/BR	1040211
09	1	EA.	SHIM, HDPE BW-00 DOOR STOP	1464064

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
DO NOT SCALE DRAWING

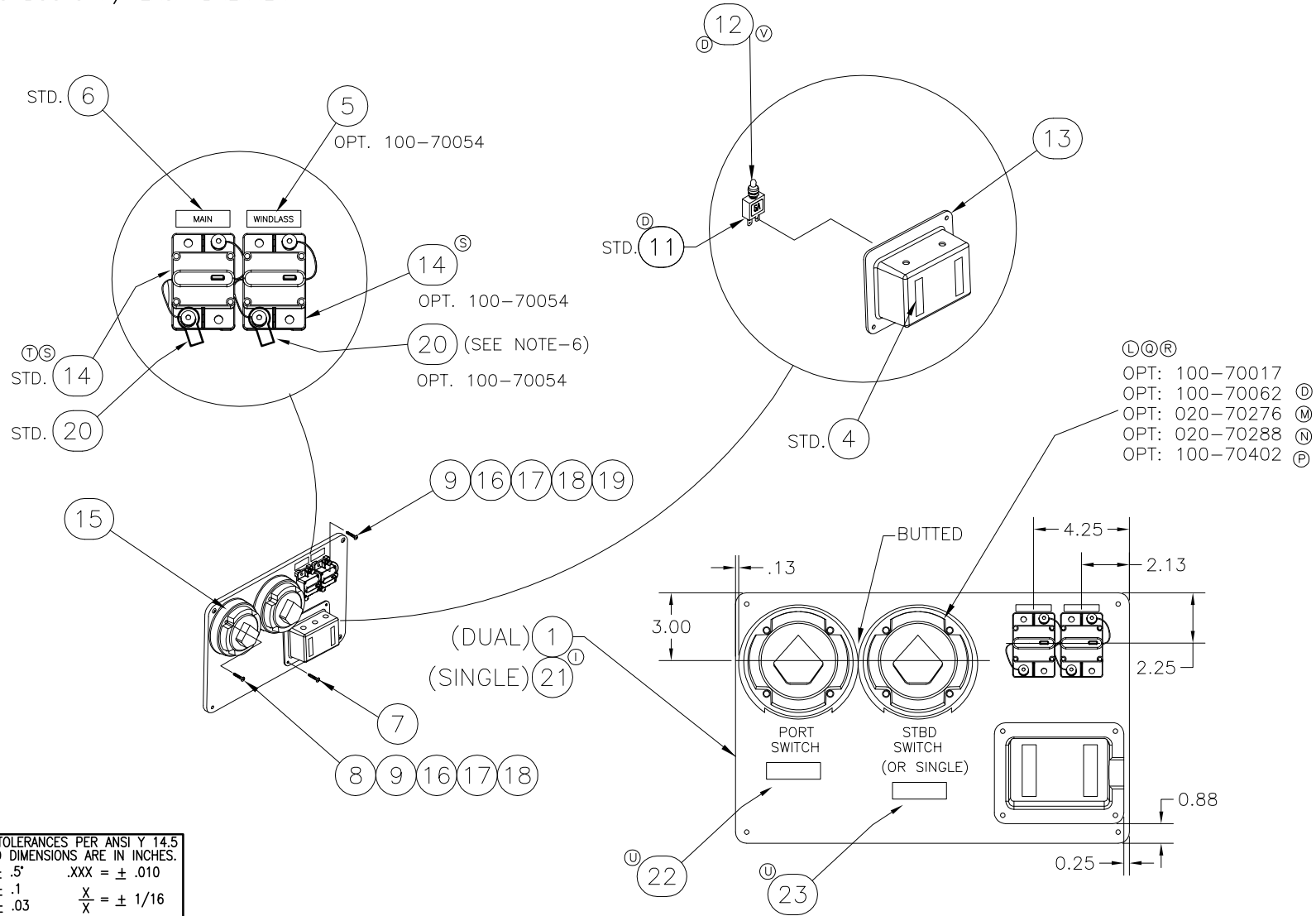
 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: H. WOOD	DATE: 9/10/01	DRAWN: R DURHAM	DATE: 04/26/01	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: K. RANIERI	DATE: 9/10/01	DWG. TITLE:			255CQ	
	DESIGN: K. RANIERI	DATE: 9/10/01	SWIM LADDER COVER SUB ASSEMBLY			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 9/10/01				2276	09403

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DWG. NO: 09102
 REV. V
 CURRENT ECD 11067819

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
R	MADE OPTION 020-70265 STANDARD	RJW	05/09/07	RA	07054306
S	PG4 ITEM #14 WAS 1475474	JAH	05/23/07	RA	07064416
T	BREAKERS IN THE CORRECT INSTALLATION POSITION	TM	12/17/07	AVF	070124821
U	ADDED LABELS TO DWG	TJ	7/16/08	AF	08075349
V	MYE12 REPLACE 1970760 TO 2061731 BLACK BOX	JSD	8/15/11	JK	11067819

- REFER TO DWG. 09-101 FOR BATTERY INSTALLATION.
- REFER TO DWG. 07-101 FOR SWITCH/BRKR PANEL INSTALLATION.
- SEE DWG. 07-401 FOR BTRY CABLE CONNECTION(S) & WIRING DIAGRAM.
- SEE DWG. 07-801 FOR HARNESS INSTALLATION DETAIL.
- SEE DWG. 07-206 FOR BATTERY CABLE CONSTRUCTION.
- INSTALL TWO BOOTS W/ EACH BREAKER



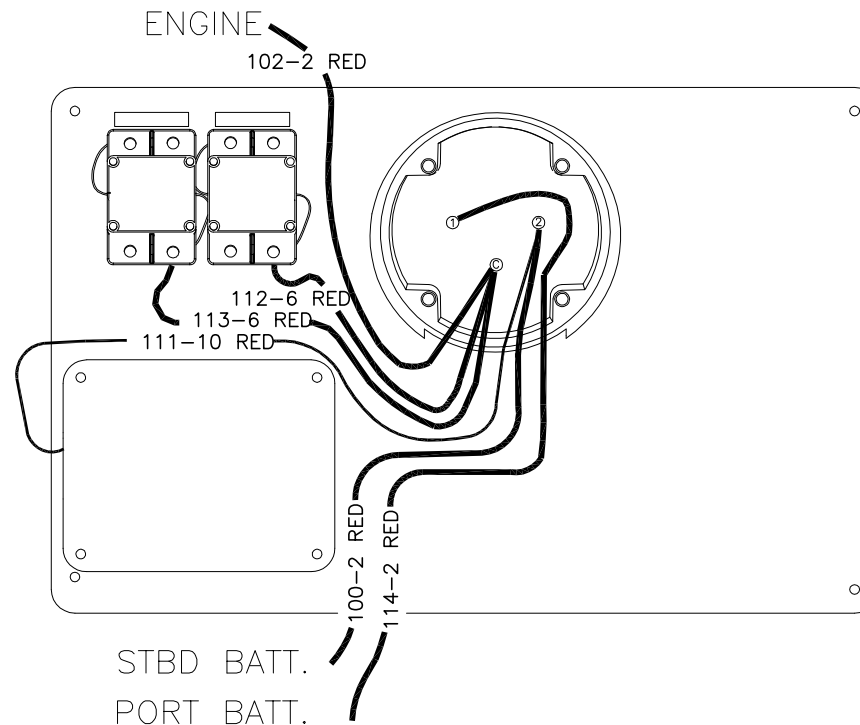
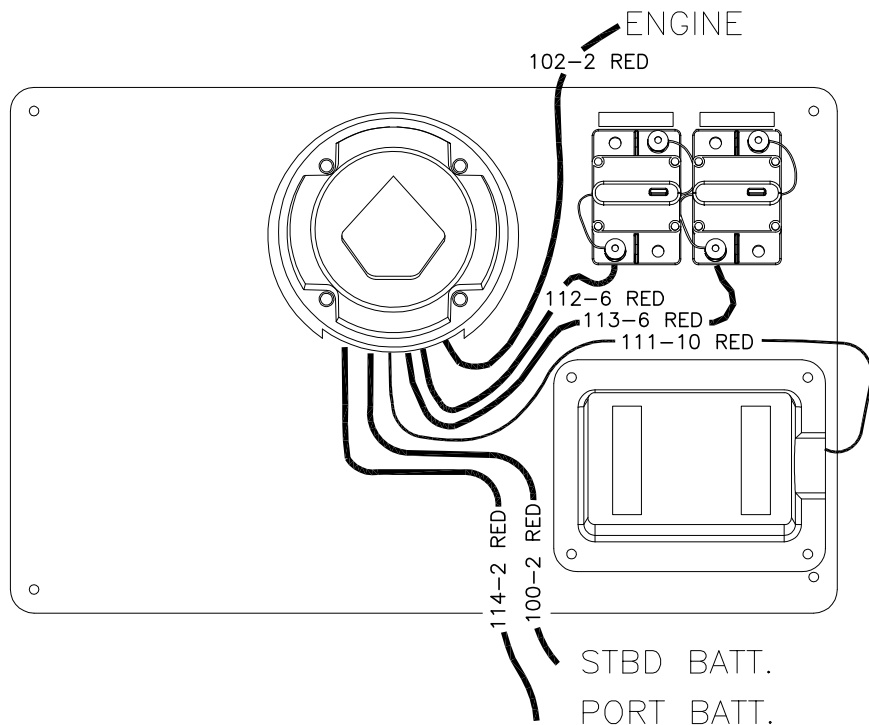
INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .X = ± .1 X = ± 1/16
 .XX = ± .03 X = ± 1/16
 DO NOT SCALE DRAWING



CHECKED: R. DURHAM	DATE: 05/15/01	DRAWN: R. CRAVEN	DATE: 05/15/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: R. CLIFTON	DATE: 05/15/01	DWG. TITLE: Diagram Switch & Breaker Panel Assembly			INIT. REL. ECN NO: 2276	DWG. NO: 09102
DESIGN: L. SCHOLZ	DATE: 06/05/01					SHT. NO. 1 of 4
INT. ENG: M. GATICA	DATE: 07/03/01					

FRONT VIEW

ⓕ BACK VIEW

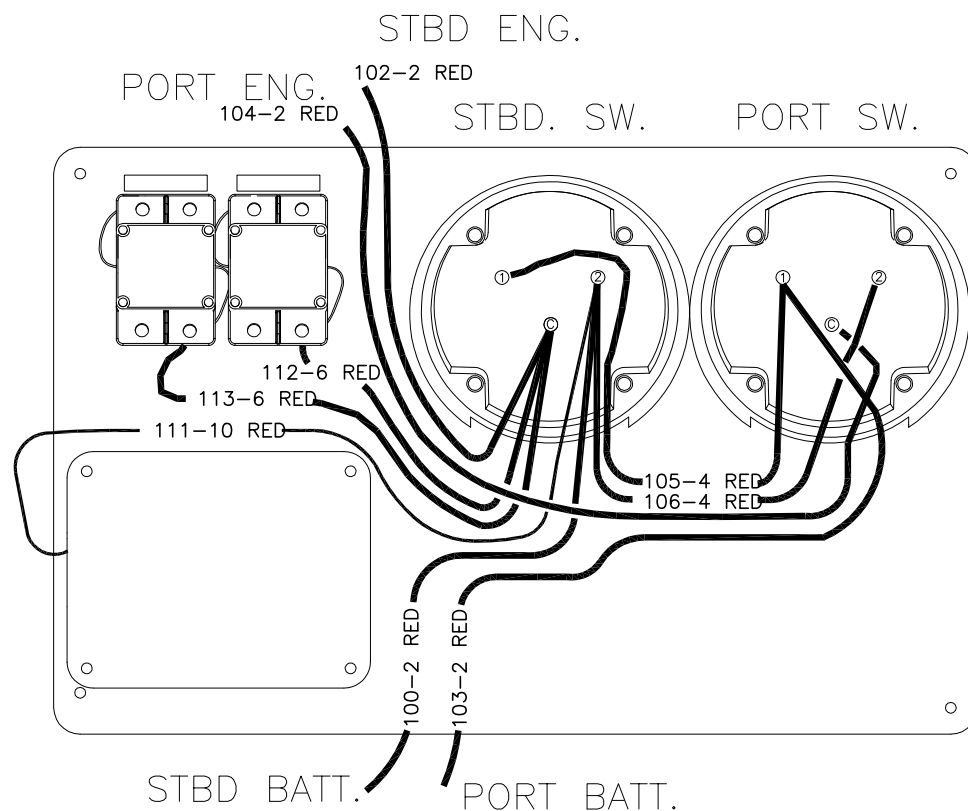
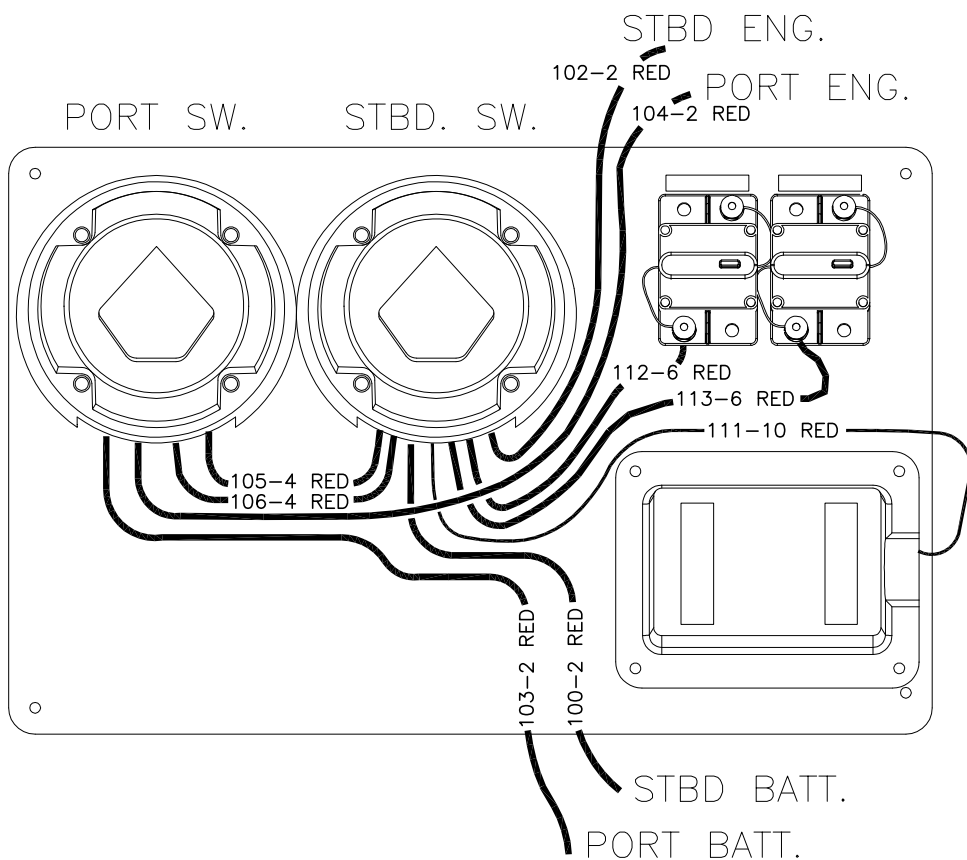


SINGLE ENGINE SETUP

SINGLE ENGINE SETUP

FRONT VIEW

Ⓔ BACK VIEW



DUAL ENGINE SETUP

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DWG. NO:
09102

REV.
V

CURRENT ECD
11067819

Parts List						
ITEM	QTY		U/M	DESCRIPTION	B.W.I.	NO.
	STD	OPT				
①	1	—	1	EA.	PROBOARD, BW255CQ-02 SWITCH/BRKR PANEL	1633585
⑤	2		1	EA.	LABEL, BW STEREO	1075266
⑤	3	1		EA.	LABEL, BW DIGITAL OPTIMAX POSITIVE	1396720
	4	1		EA.	LABEL, BILGE (LEXAN)	0756866
	5		1	EA.	LABEL, ANCHOR WINDLASS (LEXAN)	1212596
	6	1		EA.	LABEL, BW DC MAIN BRKR	1075282
	7	4		EA.	SCREW, TAPPING #8A x 1/2" PTH SC	1008812
	8	4	4	EA.	SCREW, MACHINE #10-24 x 1 3/4" POH SC	1215029
	9	12	12		WASHER, FLAT #10 SC	1260751
⑤	①		1	EA.	BRKR, MANUAL RESET 15A	1750593
⑤	①	1		EA.	BRKR, MANUAL RESET 5A	0670497
⑤	①	1	—	EA.	BOOT, RESET BRKR CLR	1066547
	13	1		EA.	BOX, ABS HARNESS	1037530
⑤	①	1	1	EA.	BRKR, SURF MNT THERMAL 50AMP SWITCHABLE	1475441
	15	1	1	EA.	SWITCH, BATTERY ON/OFF w/o LOCK w/o DISC	0162693
	16	6	6	EA.	NUT, HEX NYLON LOCK #10-24 SC	1007772
	17	6	6	EA.	WASHER, LOCK/SPLIT #1/4" SC	1260595
	18	6	6	EA.	NUT, ACORN #10-24 SC	1330554
	19	2	2	EA.	SCREW, MACHINE #10-24 x 1 1/4" POH SC	1008424
	20	2	2	EA.	BOOT, ENG STARTER RED	0140509
①	21	1	—	EA.	PANEL, P/B BW255CQ-04 SGL BATT SW SEAFM	1773368
①	22	—	1	EA.	LABEL, PRT 2"X 1/2"	1744740
①	23	—	1	EA.	LABEL, STBD 2"X 1/2"	1743511



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/X = ± 1/16
DO NOT SCALE DRAWING

DRAWN: R.CRAVEN DATE:05/15/01 SCALE: NONE
DWG. TITLE:
Diagram Switch & Breaker Panel Assembly

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
09102

SHT. NO.
4 of 4

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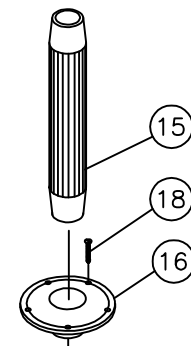
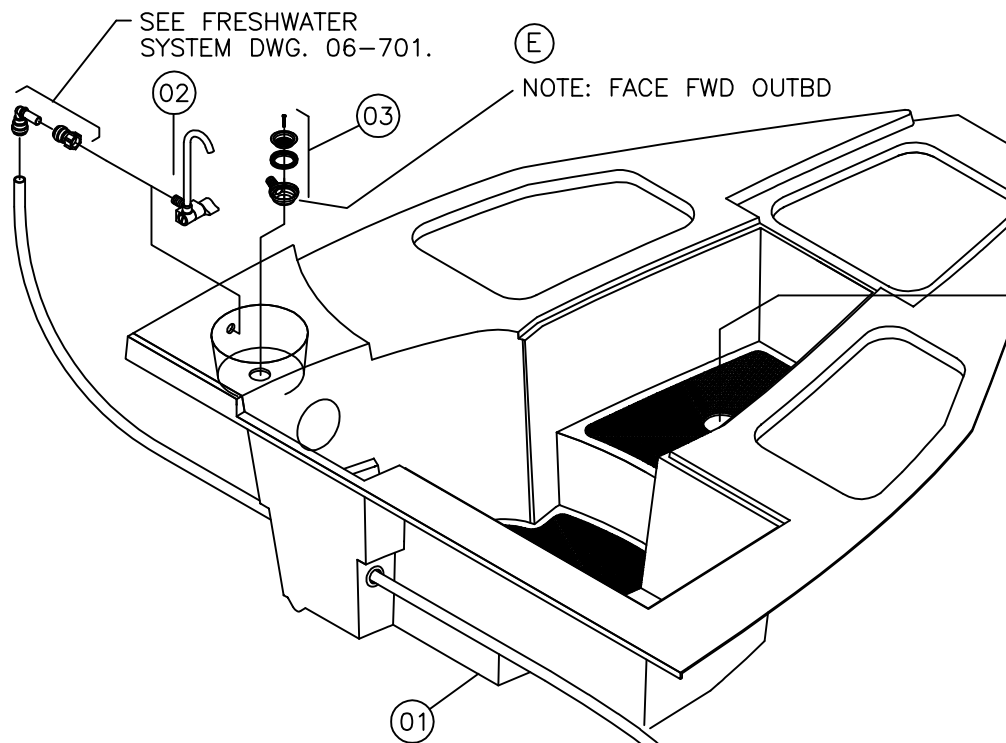
DWG. NO:
09651

REV.
L

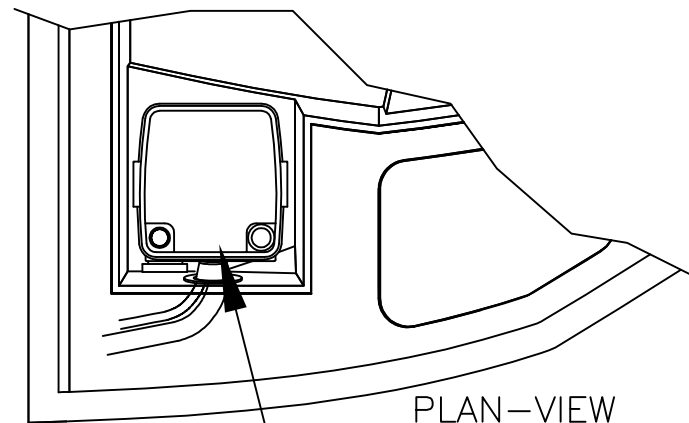
CURRENT ECD
10046751

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
I	MYE '06: UPDATED VIEW	MRZ	04/08/05	ME	05-03-48
J	CHANGED PART NO. & DESCRIPTION FOR ITEM #14, SHEET 5. ADDED DIMENSION TO DRAIN HOLES, SHEET 3.	JC	08/14/06	AVM	060840
K	ADDED #20 AND REDUCED QTY OF # 12 FROM 7	SG	03/03/10	MAE	10036624
L	ADDED CUTOUT & ITEM #8, SHEET 2	SLJ	04/28/10	MAE	10046751

1. REFER TO DWG. 06-701 FOR ALL FRESH WATER SYSTEM PLUMBING COMPONENTS.



V-BERTH FILLER
(SEE SHT. 4 FOR
BASE CUTOUT)



PLAN-VIEW
CENTER HEAD UNIT IN
AVAILABLE SPACE, FWD./AFT.
(SEE WASTE SYSTEM INSTALL'N.
DWG. 08-203).

15MM BLUE SEATECH TUBING,
(SEE FRESHWATER SYSTEM
DWG. 06-701) (F)

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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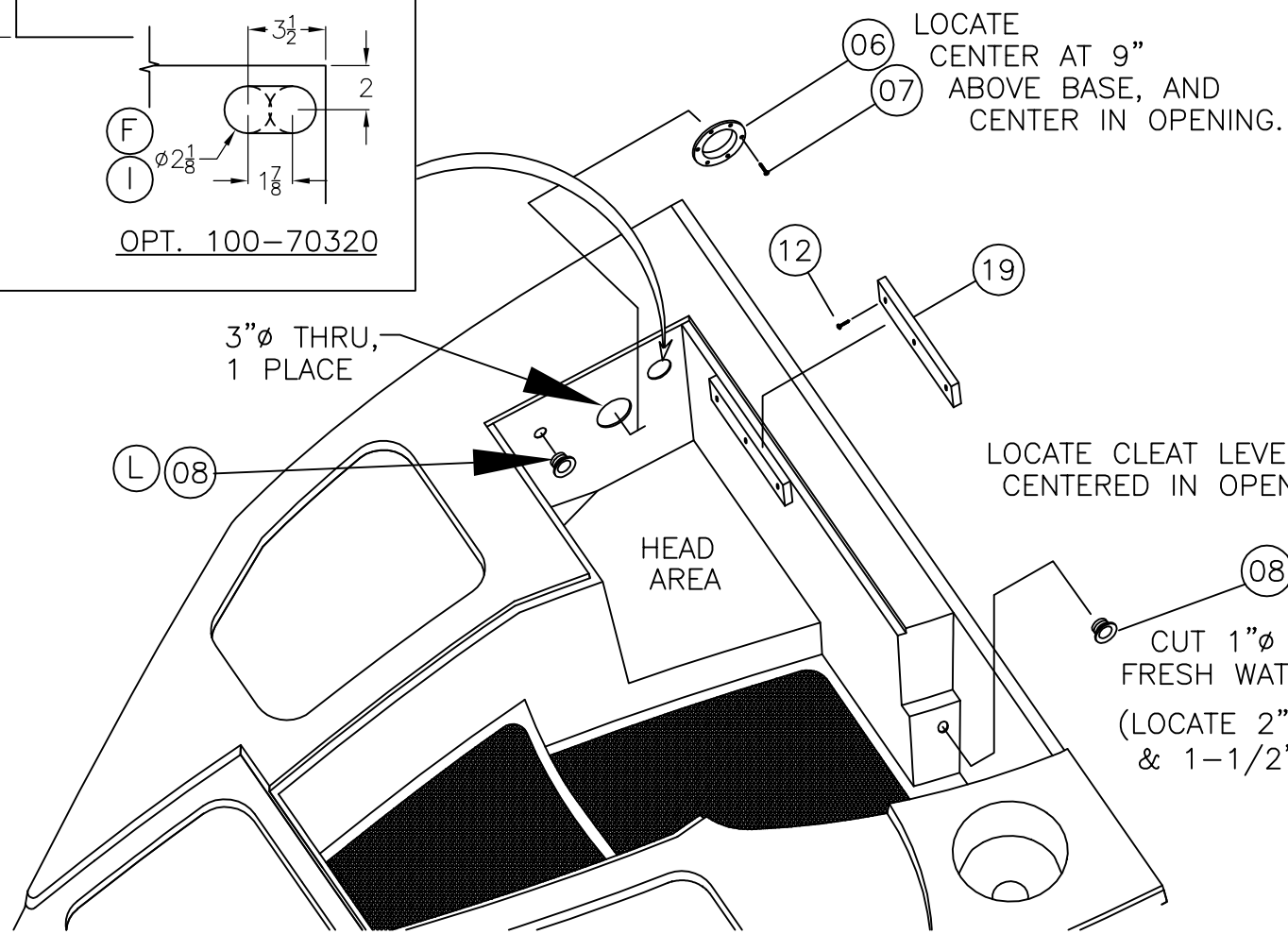
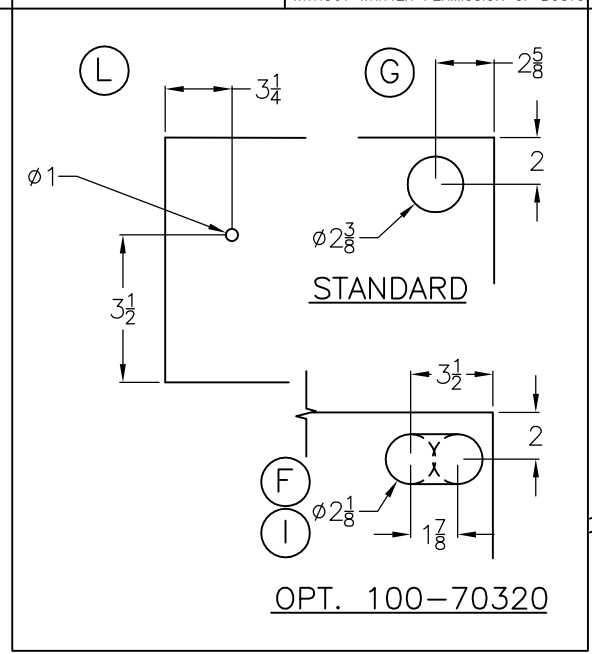
CHECKED: K. RANIERI	DATE: 6/29/01	DRAWN: R DURHAM	DATE: 04/27/01	SCALE: NONE	BOAT MODEL 255CQ	MOLD NO.
APPD: H. WOOD	DATE: 6/29/01	DWG. TITLE: V BERTH SUB ASSEMBLY			INIT. REL. ECN NO: 2276	DWG. NO: 09651
DESIGN: S. SCHOLZ	DATE: 6/29/01					SHT. NO. 1 OF 5
INT. ENG: M. GATICA	DATE: 7/03/01					

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DWG. NO:
09651

REV.
L

CURRENT ECD
10046751



LOCATE CENTER AT 9" ABOVE BASE, AND CENTER IN OPENING.

LOCATE CLEAT LEVEL w/SIDE EDGES CENTERED IN OPENING.

CUT 1" ϕ THRU, 2 PLCS. FOR FRESH WATER TUBE PASSAGE.
(LOCATE 2" DOWN FROM LEDGE & 1-1/2" OUT FROM CORNER)



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

DRAWN: R DURHAM DATE: 04/27/01 SCALE: NONE
DWG. TITLE: V BERTH SUB ASSEMBLY

BOAT MODEL: 255CQ
INIT. REL. ECN NO: 2276

MOLD NO.
DWG. NO: 09651

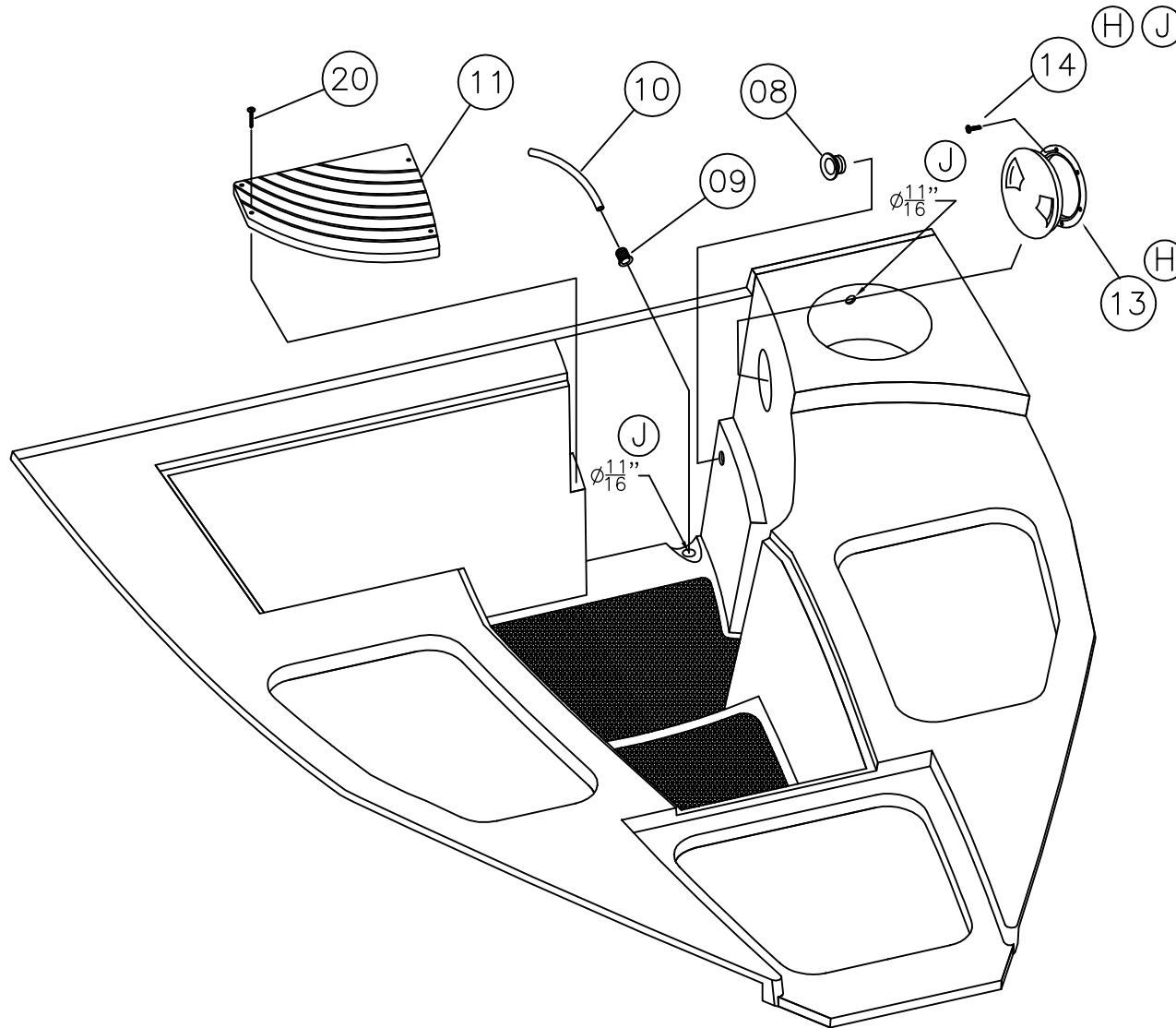
SHT. NO. 2 OF 5

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DWG. NO:
09651

REV.
L

CURRENT ECD
10046751



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES: ANGLES = $\pm .5^\circ$.XXX = $\pm .010$
.X = $\pm .1$.XX = $\pm .03$ $\frac{X}{X}$ = $\pm 1/16$
DO NOT SCALE DRAWING

DRAWN: R DURHAM

DATE: 04/27/01

SCALE: NONE

BOAT MODEL

255CQ

MOLD NO.

DWG. TITLE:

V BERTH SUB ASSEMBLY

INIT. REL. ECN NO:

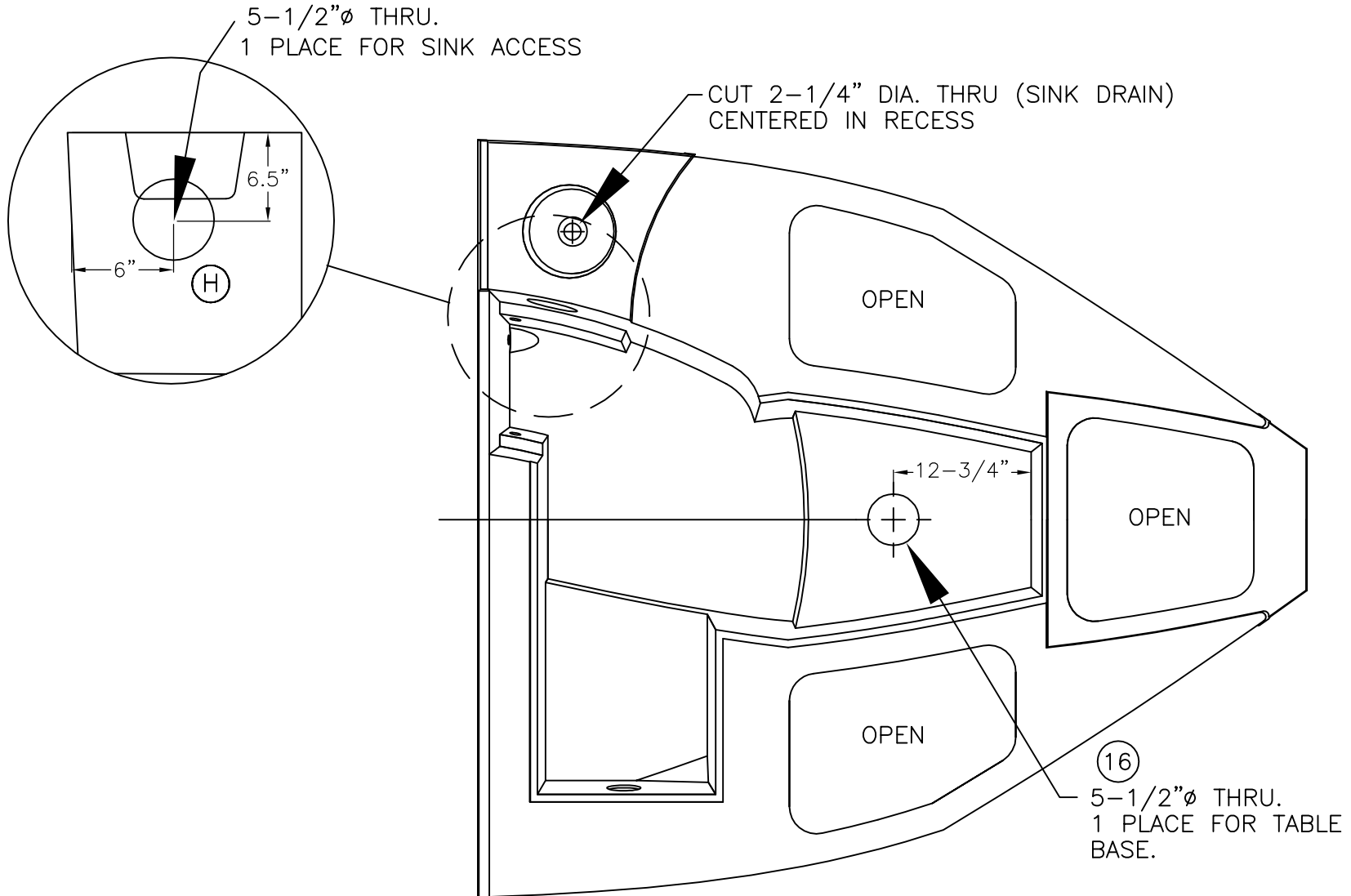
2276

DWG. NO:

09651

SHT. NO.

3 of 5



PARTS LIST

ITEM	QTY.		U/M	DESCRIPTION	B.W.I. NO.
	STD.	OPT.			
01	1	—	EA.	FIBERGLASS PART, V-BERTH	22-K038-00
02	1	—	EA.	FAUCET, SGL TAP W/ FOLDING SPOUT	1626993
03	1	—	EA.	DRAIN ASSY., FLUSH MNT W/1" HOSE BARB	0886200
(A) 04	1	—	EA.	BOOT, CABLE 3" BLK	1043223
(A) 05	1	—	EA.	BOOT, CABLE RING 3" BLK	1043330
06	1	—	EA.	GROMMET, CABLE BOOT 3" BLK	1574839
07	6	—	EA.	SCREW, TAPPING #8A x 1" POH SC	1213065
(L) 08	3	—	EA.	DRAIN, 1" IMPACT W/O BARB BLK	1041953
09	1	—	EA.	DRAIN SLEEVE, FLUSH IMPACT 5/8" W/BARB	0600700
10	.5	—	FT	TUBING, WATER LINE 3/8"ID x 1/2"OD	0896605
11	1	—	EA.	STEP, HDPE CABIN SEAFOAM	1642461
(K)(D) 12	3	—	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747
(H) 13	1		EA.	ACCESS PLATE, POLYPROP TWIST-OUT 5" WHT BWI	1016153
(J)(H) 14	6		EA.	SCREW, 10-24 X 3/4 PPH	1781122
15	—	1	EA.	POST, TABLE LEG 27" ANOD FLUTED TAPERED	1125251
(C) 16	—	1	EA.	BASE, TABLE FLUSH MNT ALUM TAPERED	1125285
17	—		EA.		
18	—	5	EA.	SCREW, TAPPING #14A x 1.5 PFH SC	1008382
(D) 19	1		EA.	CLEAT, HDPE BW255CQ-03 HEAD	1733155
(K) 20	4		EA.	SCREW, TAPPING #10A X 1" POH SC	1008507



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 .XX = ± .03

DO NOT SCALE DRAWING

DRAWN: R DURHAM DATE: 04/27/01 SCALE: NONE
 DWG. TITLE: V BERTH SUB ASSEMBLY

BOAT MODEL
255CQ
 INIT. REL. ECN NO:
2276

MOLD NO.
 DWG. NO:
09651

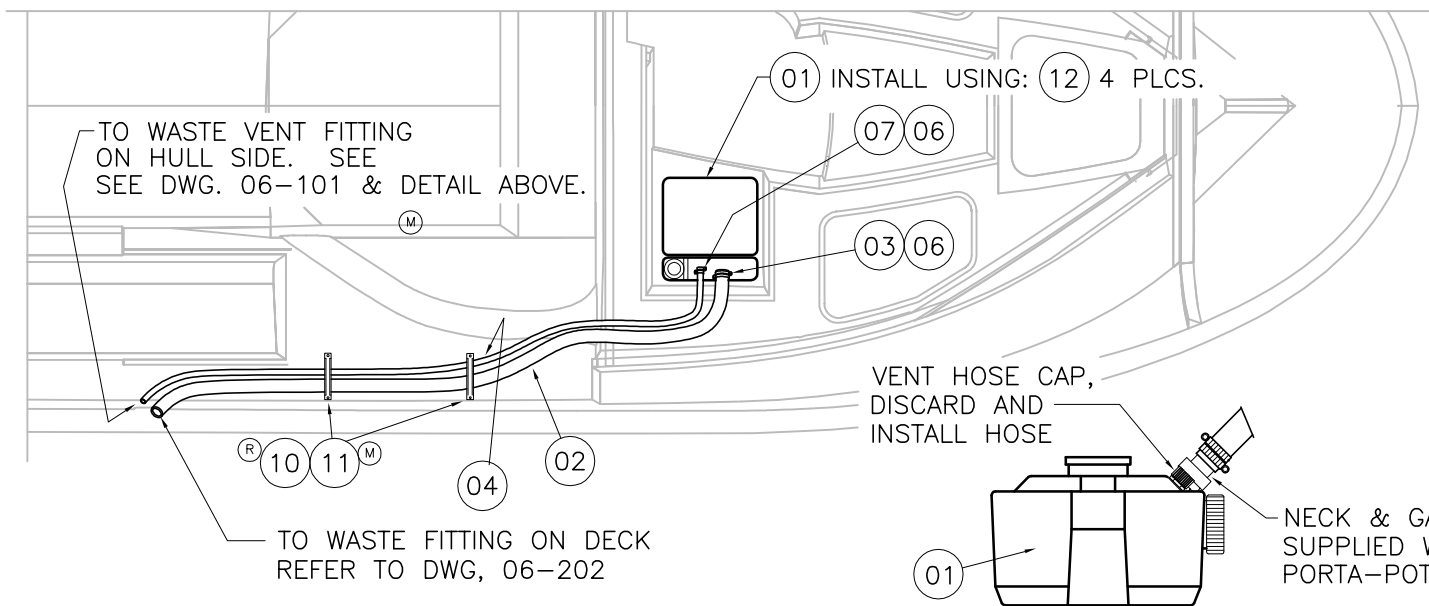
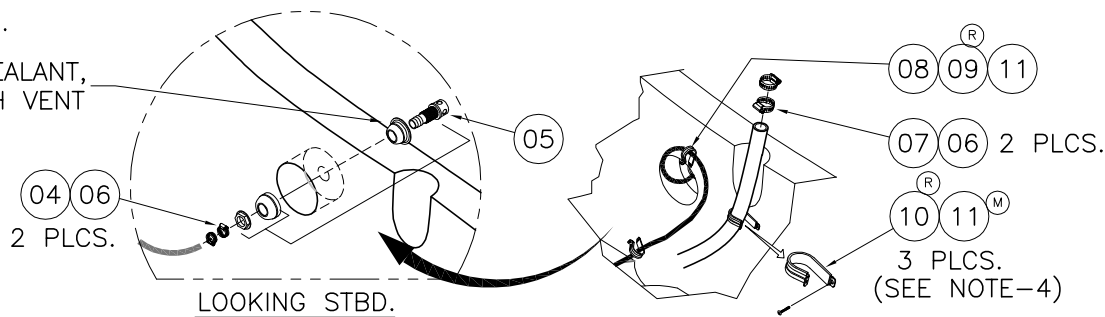
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DWG. NO:	REV.	CURRENT ECD
08203	V	10107327

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
U	ITEM #14 WAS PN# 1109545	SLJ	02/01/10	RW	10016479
V	SHEETS 3 & 4: ADDED 8 EA #24; #12 OPT QTY 12 WAS 4	SBL	11/16/10	ST	10107327

1. REFER TO DWG. 06-101 FOR ALL THRU-HULL LOCATIONS.
2. REFER TO DWG. 01-251 FOR ALL HOSE LENGTHS.
3. HOSE ROUTING SHALL BE OPTIMIZED AT INSTALLATION TO CLEAR ALL DECK CONTACT POINTS.
4. HOSE SUPPORT AREAS SHALL NOT EXCEED 14" CTRS.
5. HOSE ROUTING SHOULD BE HIGH IN TROUGH AND LOW ACROSS BATTERY SWITCHES TO BILGE TO PREVENT BELLIES IN THE HOSE- ITEM #26.
6. SEE DWG. 01-300 FOR TIE CABLES P/N & STANDARDS.

DO NOT USE SEALANT,
USE SEAL PROVIDED WITH VENT



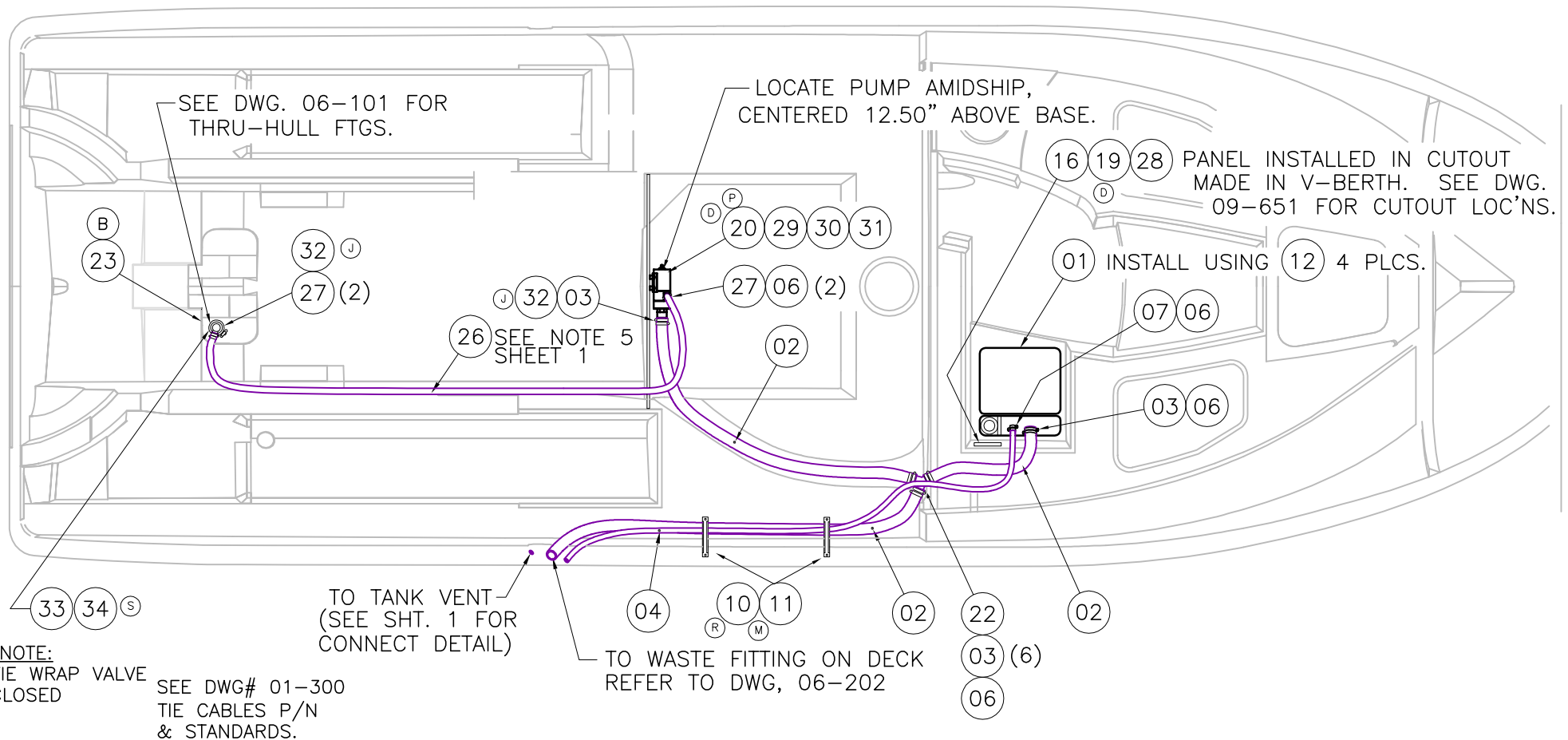
STANDARD WASTE SYSTEM

SIDE VIEW OF PORTA-POTTI

INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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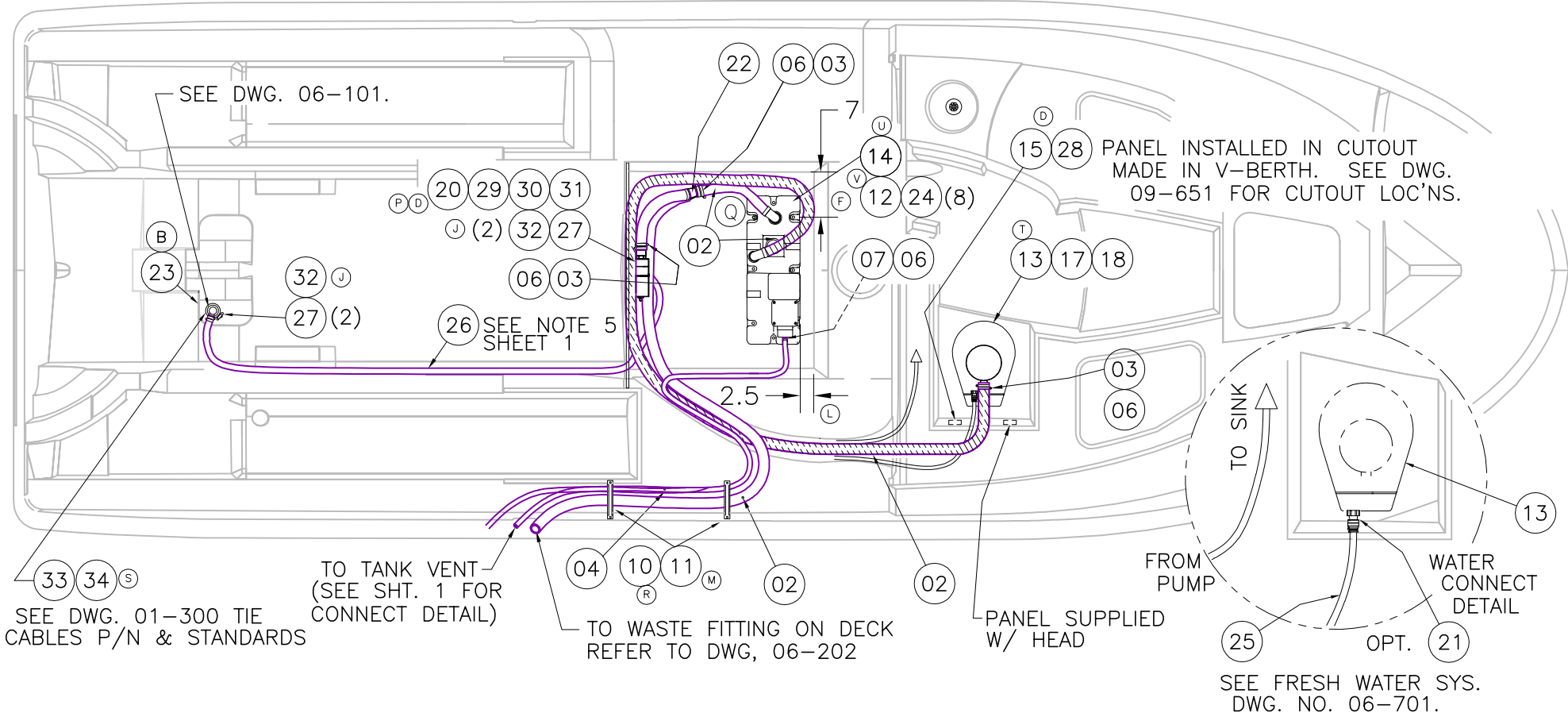
CHECKED: K. RANIERI	DATE: 06/28/01	DRAWN: R DURHAM	DATE: 05/21/01	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: K. RANIERI	DATE: 06/28/01	DWG. TITLE:			255CQ	
DESIGN: L. SCHOLZ	DATE: 06/28/01	WASTE SYSTEM INSTALLATION			INIT. REL. ECN NO:	DWG. NO:
INT. ENG: M. GATICA	DATE: 7/02/01				2276	08203
					SHT. NO.	
					1	of 4



*NOTE:
TIE WRAP VALVE
CLOSED

SEE DWG# 01-300
TIE CABLES P/N
& STANDARDS.

OPT: 100-70323, PORTA POTTI W/ PUMPOUT & O/B DISCHARGE



OPT: 100-70320, PORCELAIN HEAD W/PUMPOUT & MACERATOR

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DWG. NO:
08203

REV.
V

CURRENT ECD
10107327

PARTS LIST

ITEM	QUANTITY		U/M	DESCRIPTION	B.W.I. NO.
	STD.	OPT.			
01	1	—	EA.	HEAD, PORTABLE SANI-POTTI SLVR PLAT	0130740
02	—	—	FT.	HOSE, SANI 1.5" PREMIUM RBR BLK	0846899
03	4	10	EA.	CLAMP, HOSE #24 1"-2" SS .505	0256693
04	—	—	FT.	HOSE, SANI/CHEMICAL TDX 5/8"	0124719
ⓐ 05	1	—	EA.	VENT, FUEL / WATER SS 3/4" FLUSH STRAIGHT	1754881
ⓑ 06	8	10	EA.	COVER, CLAMP END PROT 1/2"L x .035"	0830976
07	4	—	EA.	CLAMP, HOSE #10 1/2"-1-1/8" SS .50	0263954
08	1	—	EA.	SPRING, VENT 1.05" x 12" SS	1041367
ⓓ Ⓜ 09	3	—	EA.	CLAMP, LOOM 1.25"	1701321
ⓓ Ⓜ 10	3	—	EA.	CLAMP, LOOM 2" G32	1704652
Ⓜ 11	6	—	EA.	SCREW, TAPPING #8 x 5/8" PTH SC	1010925
Ⓥ 12	4	12	EA.	SCREW, TAPPING #10A x 1.5" PTH SC	1008747
Ⓣ Ⓚ 13	—	1	EA.	HEAD, VACU-FLUSH WHT 148 (ECOVAC)	1744055
Ⓤ Ⓞ 14	—	1	EA.	VACUUM GEN, VAC HEAD SYS 12V REV1	2015136
Ⓞ Ⓞ 15	—	1	EA.	PANEL, BW-03 VACU FLUSH W/OVBD DISCHARGE	1744850
16	—	1	EA.	SWITCH, WASTE PUMP W/KEY SCREW TERM	1444074
17	—	2	EA.	BOLT, LAG 1/4" x 2" SS SG HEX	1009133
18	—	2	EA.	WASHER, FLAT 5/16" SC	1260785
Ⓧ 19	—	1	EA.	PANEL, BW-02 (25A) PORTA-POT W/OVRBD DISCHRG	1718975
Ⓟ Ⓧ 20	—	1	EA.	PUMP, HEAD SYS MACERATOR 12V EPOXY	1718984
Ⓦ 21	—	1	EA.	FITTING, NEPT 1/2"FEM SWVL BLK	1453984
22	—	1	EA.	COUPLING, PVC Y 1.5" BARBED BLK	1747278
23	—	2	EA.	LABEL, NOTICE OVERBOARD DISCHARGE	955278
Ⓥ 24	—	8	EA.	WASHER, FENDER #10 X 1" SC	1260454
Ⓦ 25	—	—	FT.	TUBING, SEATECH 15MM X 11MM X 250' BLUE	1210160
26	—	—	EA.	HOSE, GEN PURPOSE 1"	0196667
Ⓧ 27	—	4	EA.	CLAMP, HOSE #12 1/2"-1.25" SS .505	0256677
28	—	8	EA.	SCREW, TAPPING #8A x 5/8" PPH SC	1010677
29	—	4	EA.	NUT, TEE #1/4-20 x 5/16" SS	0768564
30	—	4	EA.	SCREW, MACHINE #1/4-20 x 1" PPH	1008580
31	—	4	EA.	WASHER, FLAT #1/4" SC	1260769
Ⓧ 32	—	4	EA.	COVER, CLAMP END PRT 1/2" X .045 RED	0830968
Ⓝ 33	0	1	EA.	VALVE, MARELON BALL 2-WAY 1"LOCKING	1799576
Ⓝ 34	0	1	EA.	ELBOW, MARELON 1"MPT X 1"BARB X 90DEG	0995555
Ⓢ Ⓝ 35	0	1	EA.	TIE, CABLE 14" LG NYLON BLK	1031780



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: R DURHAM DATE: 05/21/01 SCALE: NONE
 DWG. TITLE:
 WASTE SYSTEM INSTALLATION

BOAT MODEL
255CQ

MOLD NO.

INIT. REL. ECN NO:
2276

DWG. NO:
08203

SHT. NO.
4 OF 4

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DWG. NO:
07208

REV.
F

CURRENT ECD
060228

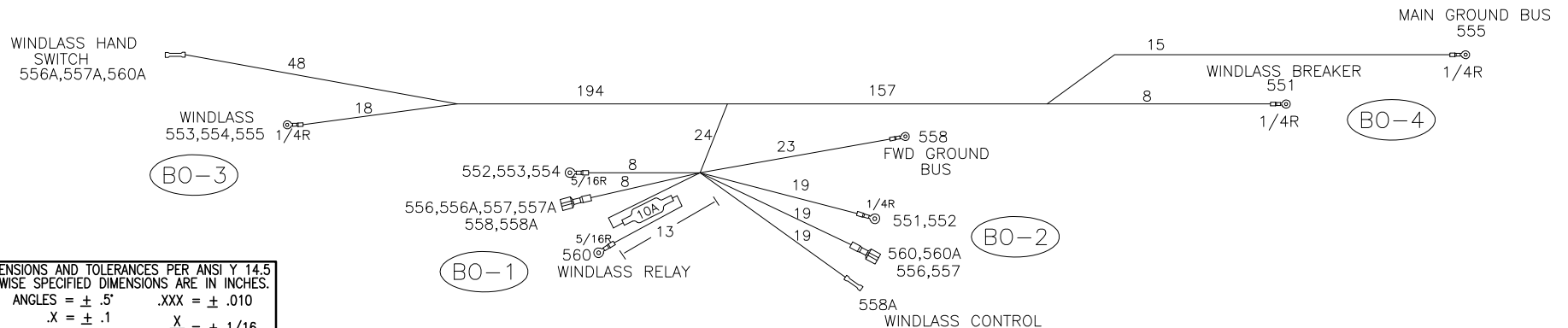
NOTES:

1. ALL QUICK DISCONNECT CONNECTORS ARE .25"
2. ALL RING CONNECTORS ARE #10 UNLESS OTHERWISE SPECIFIED
3. ALL POSITIVE WIRE CONNECTIONS TO THE BATTERY OR BATTERY SWITCH MUST BE CONTAINED IN CHAFE PROTECTION FROM THE CONNECTION POINT TO THE BREAKER/S.

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
B	MYE 04: REMOVED FOOT SWITCH AND ADDED HAND CONTROL	RAL	05/06/03	RBC	030345
C	Changed Numbering System/Apply Att.Border.	AVM	05/14/03	ZAC	030319
D	CHANGED WIRE COLOR TO MATCH VENDOR COLOR CODE; ADDED LEAD 560A TO BOM, SHEET 1.	SL	07/12/04	ZAC	040615
E	UNDO WIRE COLOR CODE CHANGES FROM REV. D.	SL	04/01/05	ME	041009
F	MODIFY DRAWING BORDER TO AN ATTRIBUTED BORDER	TS	02/27/06	AVM	060228

WIRE #	AWG	COLOR	FUNCTION	FROM	BO	TO	BO	LENGTH
551	4	RED	WINDLASS MAIN	WINDLASS BREAKER	4	WINDLASS CONTROL	2	17'4"
552	4	RED	WINDLASS MAIN	WINDLASS CONTROL	2	WINDLASS RELAY	1	2'3"
553	4	RED	WINDLASS	WINDLASS RELAY	1	WINDLASS	3	20'4"
554	4	RED	WINDLASS	WINDLASS RELAY	1	WINDLASS	3	20'4"
555	4	BLK	WINDLASS GROUND	WINDLASS	3	MAIN GROUND BUS	4	32'0"
556	14	BRN	WINDLASS UP	WINDLASS CONTROL	2	WINDLASS RELAY	1	2'3"
556A	14	BRN	WINDLASS UP	WINDLASS HAND SWITCH	3	WINDLASS RELAY	1	22'10"
557	14	BLU	WINDLASS DOWN	WINDLASS CONTROL	2	WINDLASS RELAY	1	2'3"
557A	14	BLU	WINDLASS DOWN	WINDLASS HAND SWITCH	3	WINDLASS RELAY	1	22'10"
558	14	BLK	WINDLASS RELAY GROUND	WINDLASS RELAY	1	FWD GROUND BUS	2	2'7"
558A	14	BLK	WINDLASS CONTROL GROUND	WINDLASS CONTROL	2	WINDLASS RELAY	1	2'3"
560	14	RED	WINDLASS CONTROL POWER	WINDLASS RELAY 3 AMP FUSE	1	WINDLASS CONTROL	2	2'8"
560A	14	RED	WINDLASS HAND SW. POWER	WINDLASS CONTROL	2	WINDLASS HAND SWITCH	3	23'9"

(A)
(A)
(A)(D)(E)
(D)(E)
(A)(D)(E)
(D)(E)
(A)
(A)
(A)
(D)(E)



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

<p>PRODUCT DEV. & MFG. ENGINEERING GROUP</p>	CHECKED: R. CLIFTON	DATE: 09/19/01	DRAWN: R. CLIFTON	DATE: NONE	SCALE: NONE	BOAT MODEL	MOLD NO.
	APPD: R. DURHAM	DATE: 11/29/01	DWG. TITLE:			255CQ	
	DESIGN: L. SCHOLZ	DATE: 12/03/01	WINDLASS HARNESS CONSTRUCTION			INIT. REL. ECN NO:	DWG. NO:
	INT. ENG: M. GATICA	DATE: 12/03/01				010737	07208
						SHT. NO.	1 OF 3

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DWG. NO:
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060228

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.) 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 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:08/20/01 SCALE: NONE
DWG. TITLE:
WINDLASS HARNESS CONSTRUCTION

BOAT MODEL
255CQ
INIT. REL. ECN NO:
010737

MOLD NO.
DWG. NO:
07208

SHT. NO.
2 OF 3

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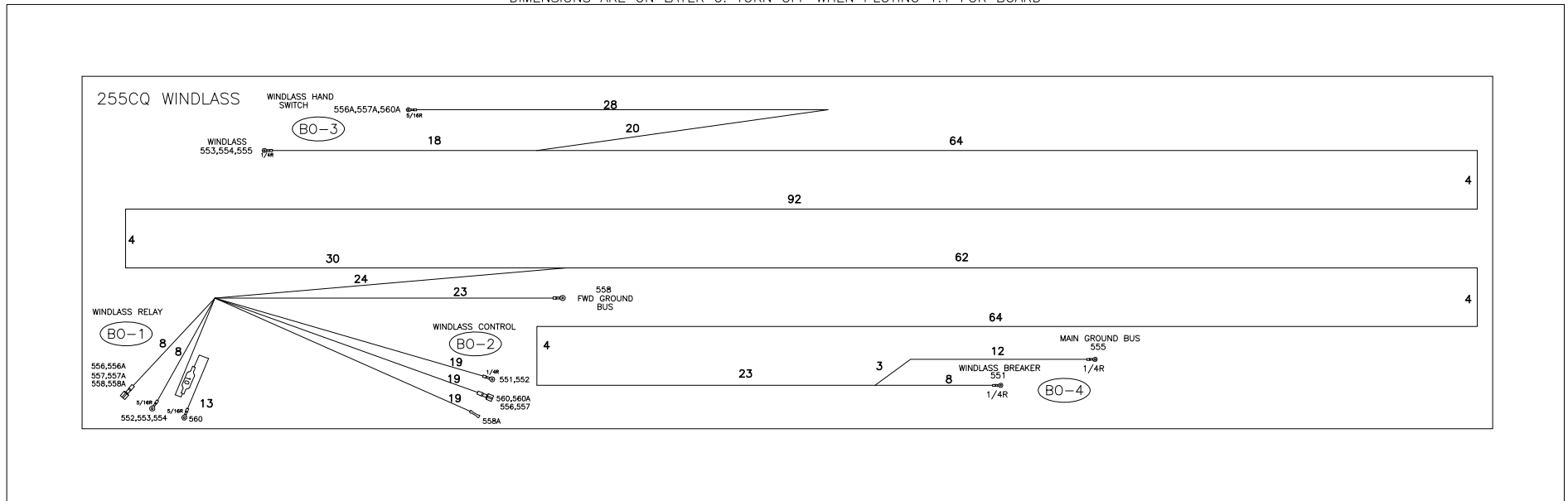
DWG. NO:
07208

REV.
F

CURRENT ECD
060228

NOTES:

DIMENSIONS ARE ON LAYER 0. TURN OFF WHEN PLOTING 1:1 FOR BOARD



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DRAWN: R CLIFTON DATE: 08/20/01 SCALE: NONE
 DWG. TITLE: WINDLASS HARNESS CONSTRUCTION

BOAT MODEL 255CQ	MOLD NO.
INIT. REL. ECN NO: 010737	DWG. NO: 07208
SHT. NO. 3	OF 3

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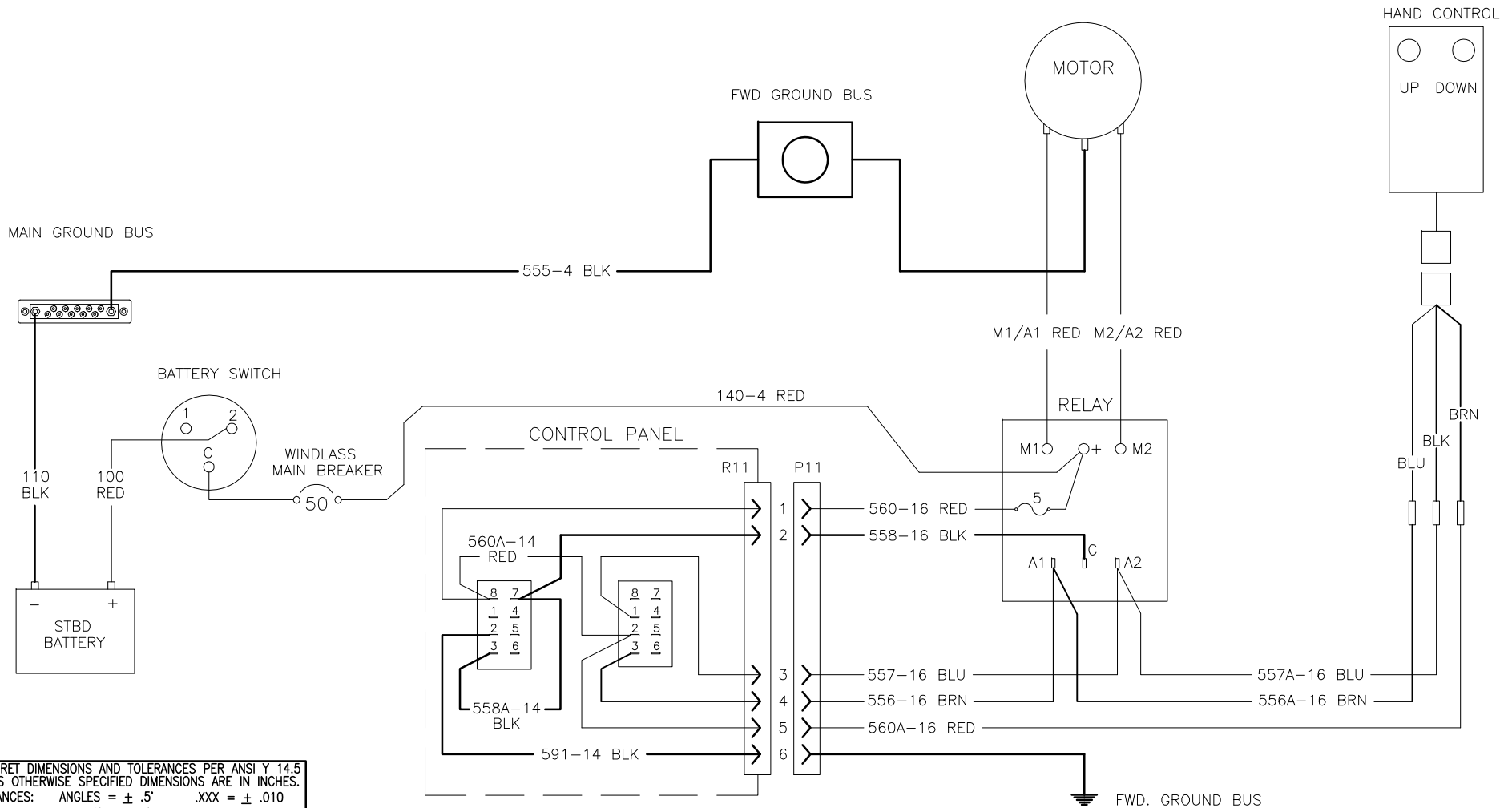
DWG. NO:
07402

REV.
D

CURRENT ECD
07064416

NOTES:

REVISIONS					
REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
D	DWG. REVISED FOR "QUICK" WINDLASS.	JAH	05/23/07	AVF	07064416



INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y 14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
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 .XX = ± .03
 X/X = ± 1/16
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 PRODUCT DEV. & MFG. ENGINEERING GROUP	CHECKED: R. DURHAM	DATE: 11/29/01	DRAWN: R. CLIFTON	DATE: 07/31/01	SCALE: NONE	BOAT MODEL	MOLD NO.	
	APPD: R. CLIFTON	DATE: 09/19/01	DWG. TITLE: WINDLASS SCHEMATIC			255CQ		
	DESIGN: MG	DATE: 12/04/01				INIT. REL. ECN NO: 010737	DWG. NO: 07402	SHT. NO.
	INT. ENG: MG	DATE: 12/04/01						1 OF 1

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DWG. NO:
07401

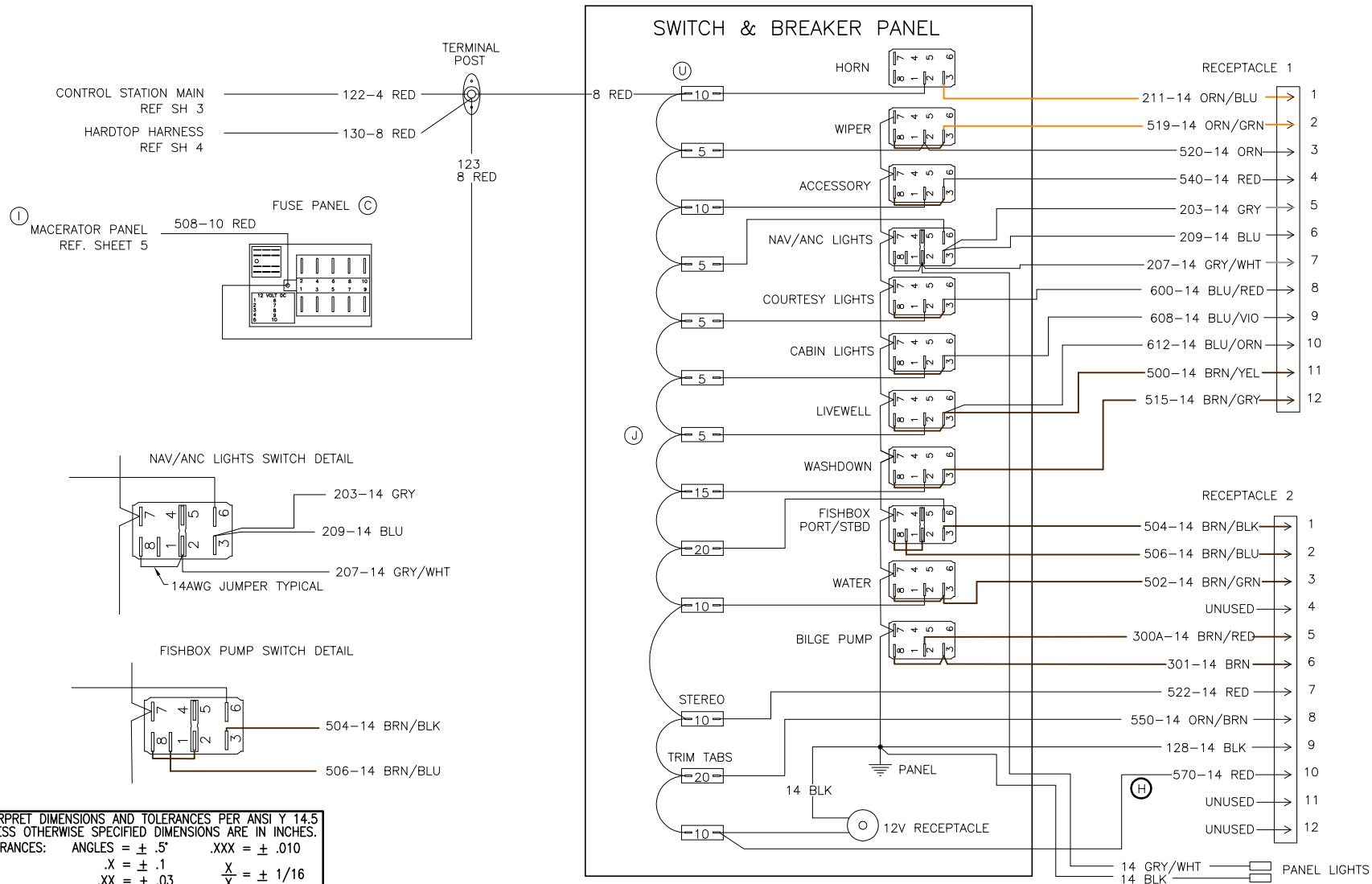
REV.
X

CURRENT ECD
10077052

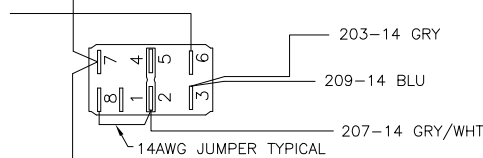
REVISIONS

REV.	DESCR.	BY	DATE	APPVD.	ECN NO.
W	STEERING FUSE WAS 90 AMP, SHEET 3	SLJ	10/29/09	ST	09096268
X	MYE'11: ADDED ELCI TO 120V SHORE POWER, SHEET 6	SBL	07/29/10		10077052

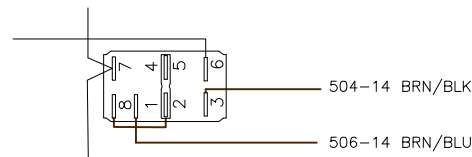
- ① ②
- REF SWITCH & BKR. PANEL DRAWING FOR CONSTRUCTION DETAILS.
 - ALL BREAKER TO BREAKER JUMPERS ARE 10 AWG RED
 - ALL BREAKER TO SWITCH JUMPERS ARE 14 AWG RED
 - HARD TOP ALL ROUND LIGHT SPLICE LOCATION



NAV/ANC LIGHTS SWITCH DETAIL



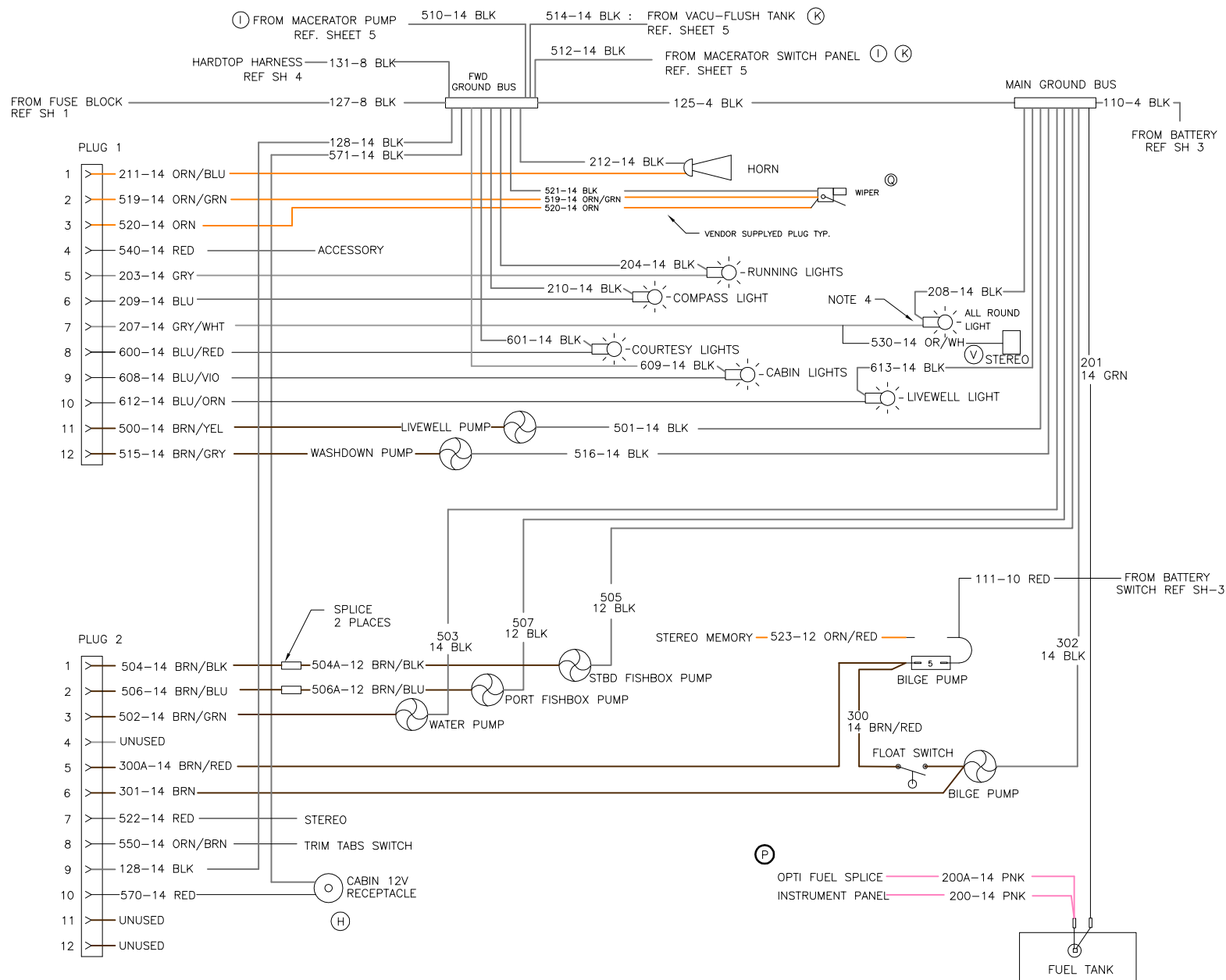
FISHBOX PUMP SWITCH DETAIL



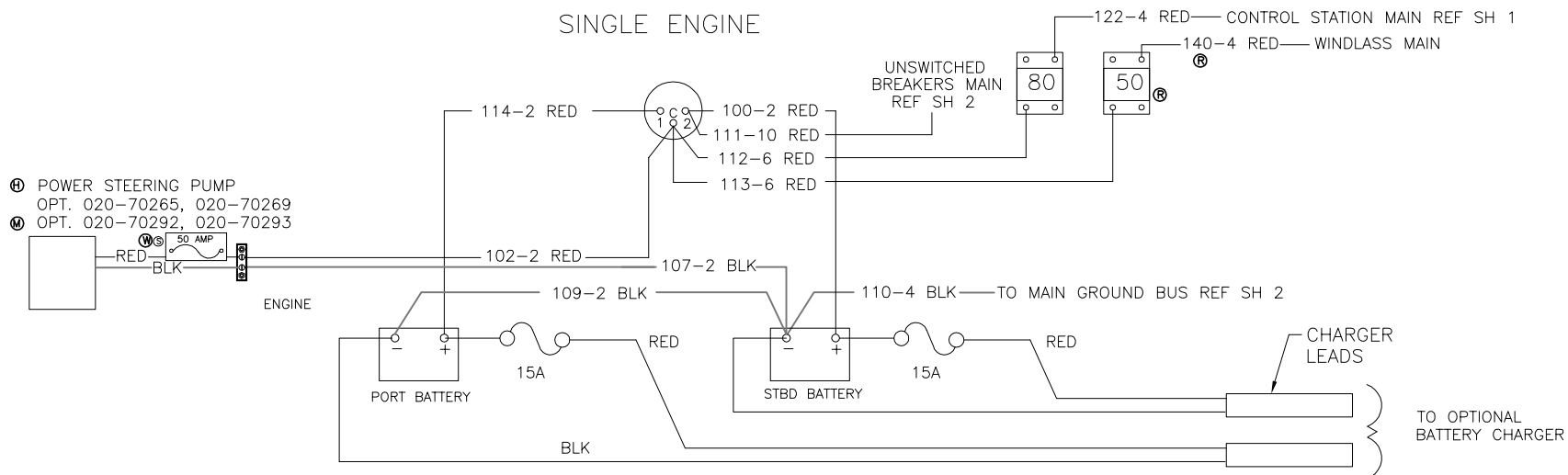
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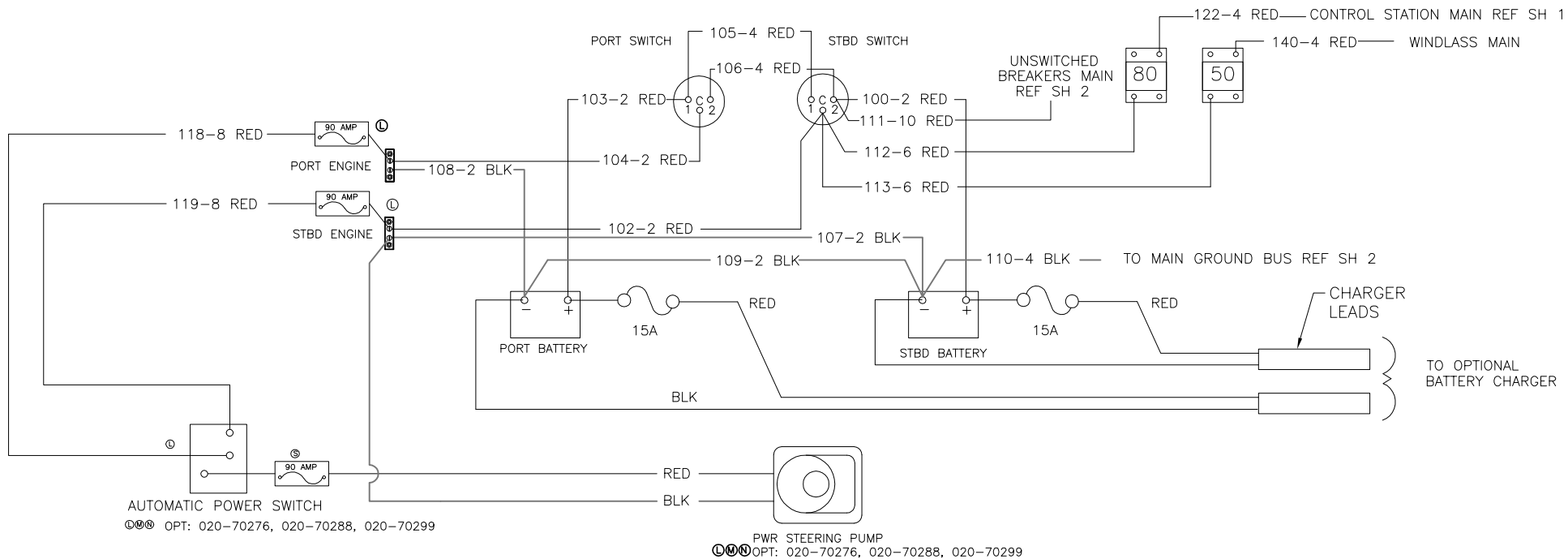
CHECKED: R. DURHAM	DATE: 06/19/01	DRAWN: R CLIFTON	DATE: 04/17/01	SCALE: NONE	BOAT MODEL	MOLD NO.
APPD: R. CLIFTON	DATE: 06/19/01	DWG. TITLE:		255CQ		
DESIGN: L. SCHOLZ	DATE: 06/22/01	WIRING DIAGRAM		INIT. REL. ECN NO:	DWG. NO:	SHT. NO.
INT. ENG: M. GATICA	DATE: 7/02/01			2276	07401	1 of 6



SINGLE ENGINE



DUAL ENGINE



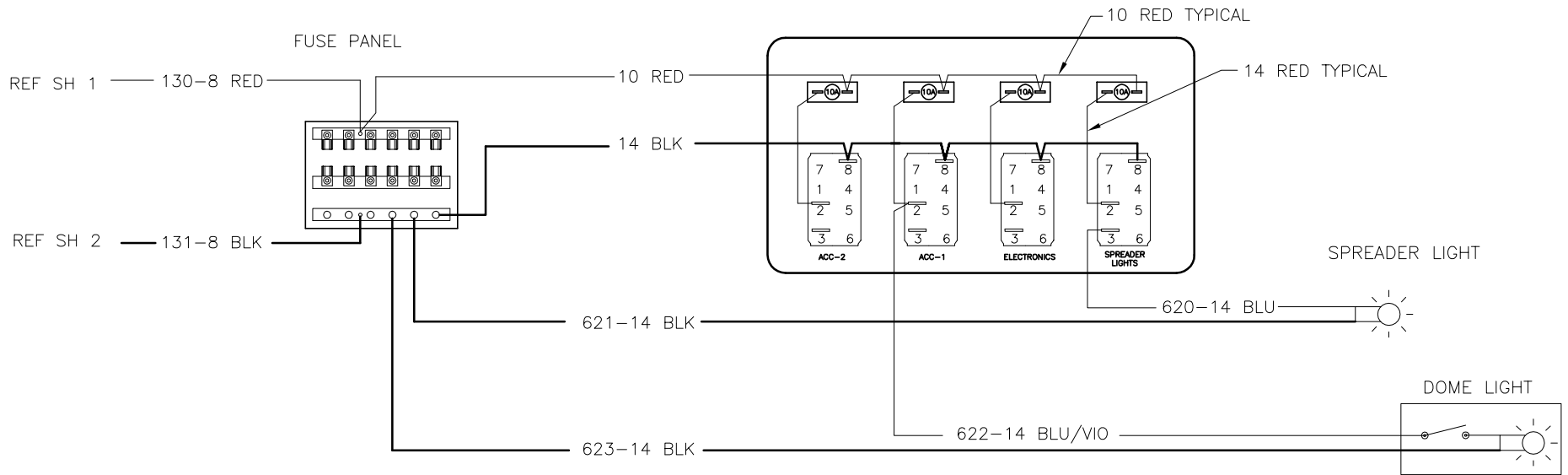
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DWG. NO:
07401

REV.
X

CURRENT ECD
10077052

HARDTOP SWITCH PANEL



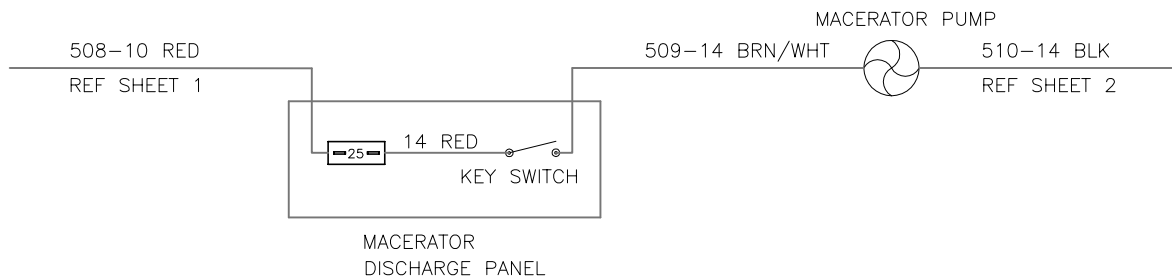
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DRAWN: R CLIFTON DATE: 04/17/01 SCALE: NONE
 DWG. TITLE: WIRING DIAGRAM

BOAT MODEL
255CQ
 INIT. REL. ECN NO:
2276

MOLD NO.
 DWG. NO:
07401
 SHT. NO.
4 OF 6

OPTION 100-70323: PORTA POTTI W/ PUMPOUT & O/B DISCHARGE



OPTION 100-70320: PORCELAIN HEAD W/PUMPOUT & MACERATOR (K)

