



GENERAL NOTES

1 ENGINEERING OF THE CARBON FIBER RUDDER AND ITS SHAFT IS TO BE BY RUDDER VENDOR. RUDDER IS TO COMPLY WITH ABS GUIDE FOR BUILDING AND CLASSING OFFSHORE RACING YACHTS. THE EXCEPTION TO SAME IS THE SHORTENED SHAFT AND BREAKAWAY LOWER PORTION, WHICH IS BY REQUEST OF THE OWNER.

ACCESS TO SHELF STEERER BY REMOVING COMPASS, NOT SHOWN.

EDSON 36" DIA WHEEL P45. WHEEL TYPE TO BE PER OWNER'S CHOICE. THE WHEEL HUBS TO BE FITTED WITH CLUTCHES FOR DEGLITCHING WHEN UNDER AUTOPILOT.

EDSON #418 OR #420- EDSON TO ADVISE. SPROCKET SIZE TO YIELD 2.5 TO 3 TURNS LOCK TO LOCK.

GRP TUBING STANDPIPES P45. TO MINIMIZE WATER INTAKE THRU LINE BINS IN SEVERE CONDITIONS AND REDUCE CONFLICT BETWEEN CABLES AND ROPES IN THE BINS.

GUSSET AS NECESSARY FOR STRENGTH.

BRING SKINS TOGETHER IN AN 8" DIAMETER DISC IN WAY OF THE INSPECTION COVER.

EDSON 8" #622 AL SHEAVES P45. CROSSED WIRE CONFIGURATION. MOUNTED ONTO WEDGE ON BOTTOM OF THE LINE BIN BUCKET P45. GUSSETS MAY BE ADDED AS NECESSARY TO TAKE THE CABLE LOADS.

JEFA 45F140H OR EQ.

GAITER- BY JEFA.

EDSON NO. 835AL-19 QUADRANT. ITS BORE MUST BE CUSTOM MACHINED TO FIT THE GRP LINED CARBON SHAFT.

JEFA 66B160 OR EQ.

NOTE THE PORT SIDE CABLE PASSES BENEATH THE FLOOR OF THE GAS LOCKER. ON THE STARBOARD SIDE A CONDUIT OR OTHER TYPE GUARD IS TO BE FITTED IN WAY OF AND SOMEWHAT BEYOND THE DOOR OPENING.

NOTE: END SHAFT HERE TO PROVIDE "BREAKAWAY" POINT. FABRICATOR TO CONSIDER ARRANGING A NARROW BAND OF SLIGHTLY WEAKER RUDDER SKINS TO INSURE A CLEAN BREAK.

REF	TITLE	DWG. NO.
5		
4	STEERING LAYOUT	05-2
3	RUDDER FOLLS	05-1
2	HULL CONSTRUCTION PLAN	06
1	HULL LINES PLAN	04

REFERENCES

NO.	ZONE	REVISION	DATE
DISTINCTIVE YACHT DESIGNS FOR DISTINGUISHED INDIVIDUALS C. W. PAINE YACHT DESIGN, INC. SEA STREET • CAMDEN, ME • 04843 TEL: 207 / 236-2166 • FAX: 207 / 236-4108			
RUDDER & STEERING DETAILS 54' LOA OFFSHORE CRUISING YACHT -for- MR. RUSS IRWIN & MS. FAY MARK			
DATE:	JANUARY 20, 2007	SCALE:	3"=1'-0" (1/4)
DWG. NO.:	172	DWN BY:	CMP
CHK BY:		APP BY:	