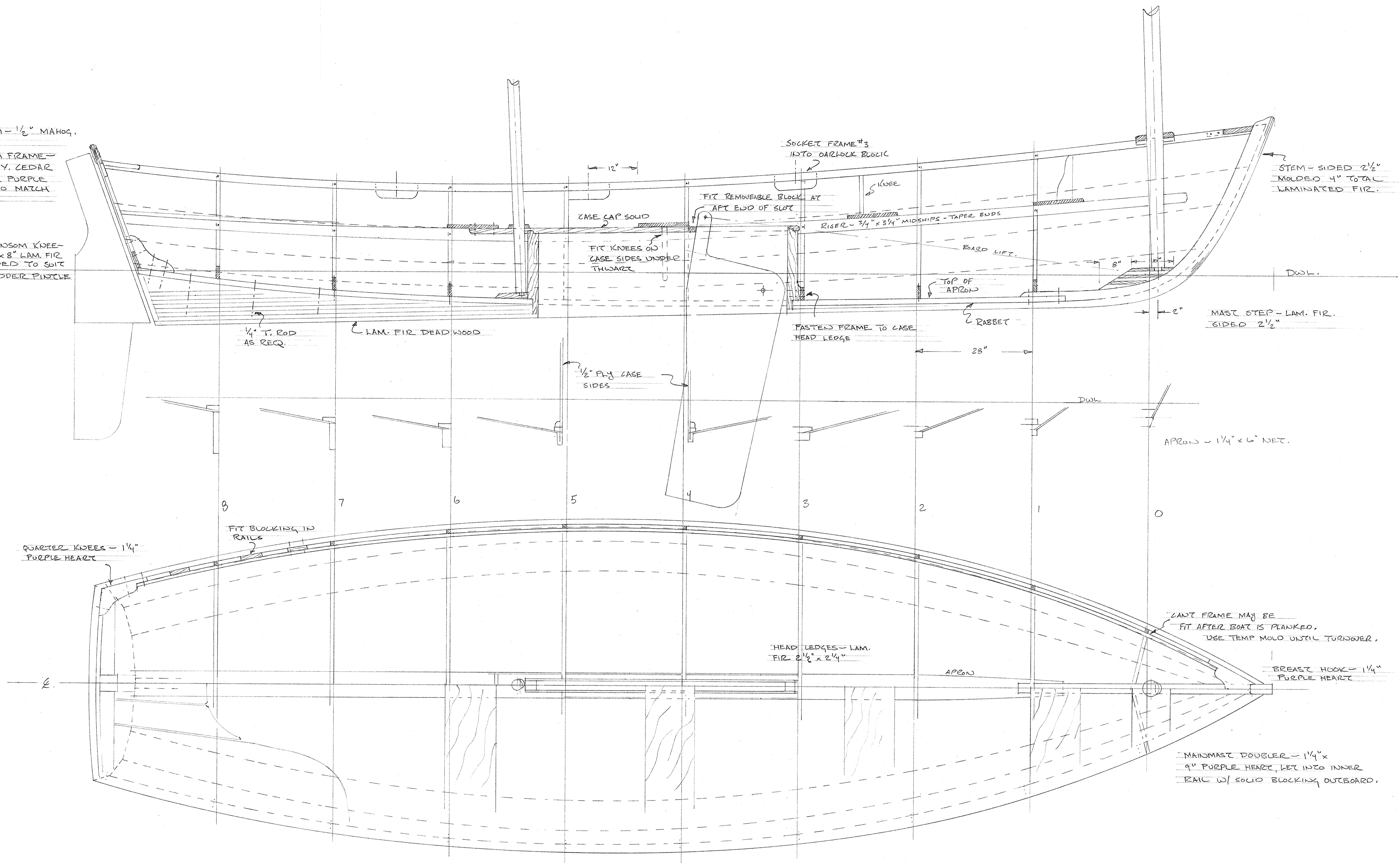


TRANSOM - 1/2" MAHOG.  
PLY.  
TRANSOM FRAME -  
3/4" x 4" Y. CEDAR  
CAP WITH PURPLE  
HEART TO MATCH  
RAILS.

TRANSOM KNEE -  
8" x 8" LAM. FIR  
SIDED TO SUIT  
RUDDER PINNACLE

QUARTER KNEES - 1/4"  
PURPLE HEART

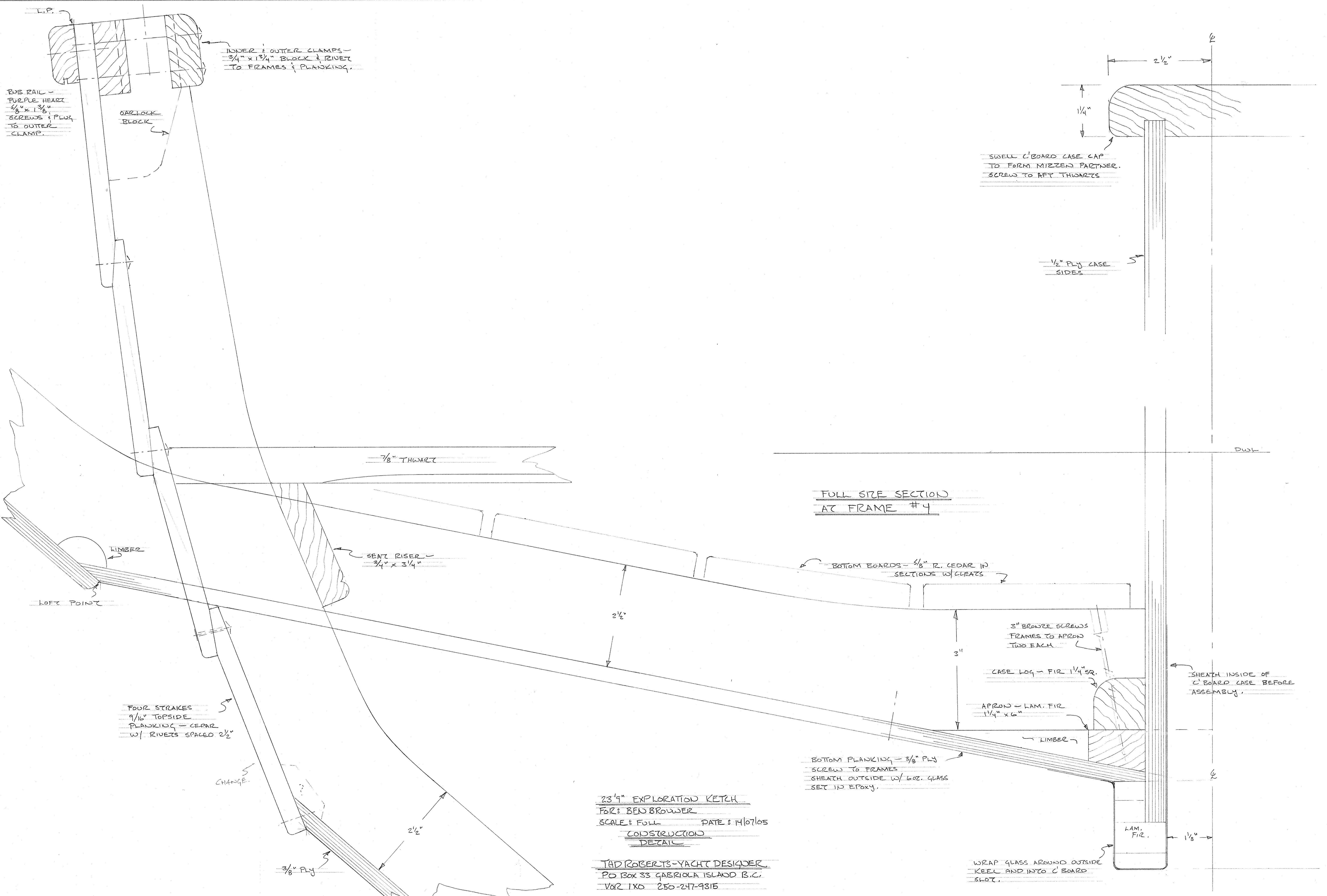


BOTTOM PLANKING - 3/8" PLY w/GLASS SHEATHING.  
TOPSIDES - 9/16" CEDAR w/1/8" BEVEL - COPPER  
RIVET TO EACH OTHER ON 2 1/2" SPACING.  
RIVET OR SCREW TO FRAMES AT LAP  
CENTERBOARD CASE - 1/2" PLY  
TRANSOM - 1/2" PLY  
FRAMES - 7/8" x 3" Y. CEDAR SAUNED TO SHAPE  
HALF-LAP, FULL-LAP, OR GOSSETT & RIVET.  
THWARPS - 7/8" x 12" R. CEDAR w/Y. CEDAR KNEES.  
KEEL, STEPS, STEM - LAM. FIR.  
BOTTOM BOARDS - 7/8" R. CEDAR - IN SECTIONS

SEE SHEET #3 FOR  
FULL SIZE DETAILS.

23'9" EXPLORATION KETCH  
FOR: BEN BROWDER  
SCALE: 1" = 1'0" DATE: 11/6/05  
GENERAL CONSTRUCTION

TAD ROBERTS - YACHT DESIGNER  
PO BOX 83 CABRIOLA ISLAND B.C.  
VOR 1X0 250-247-9315

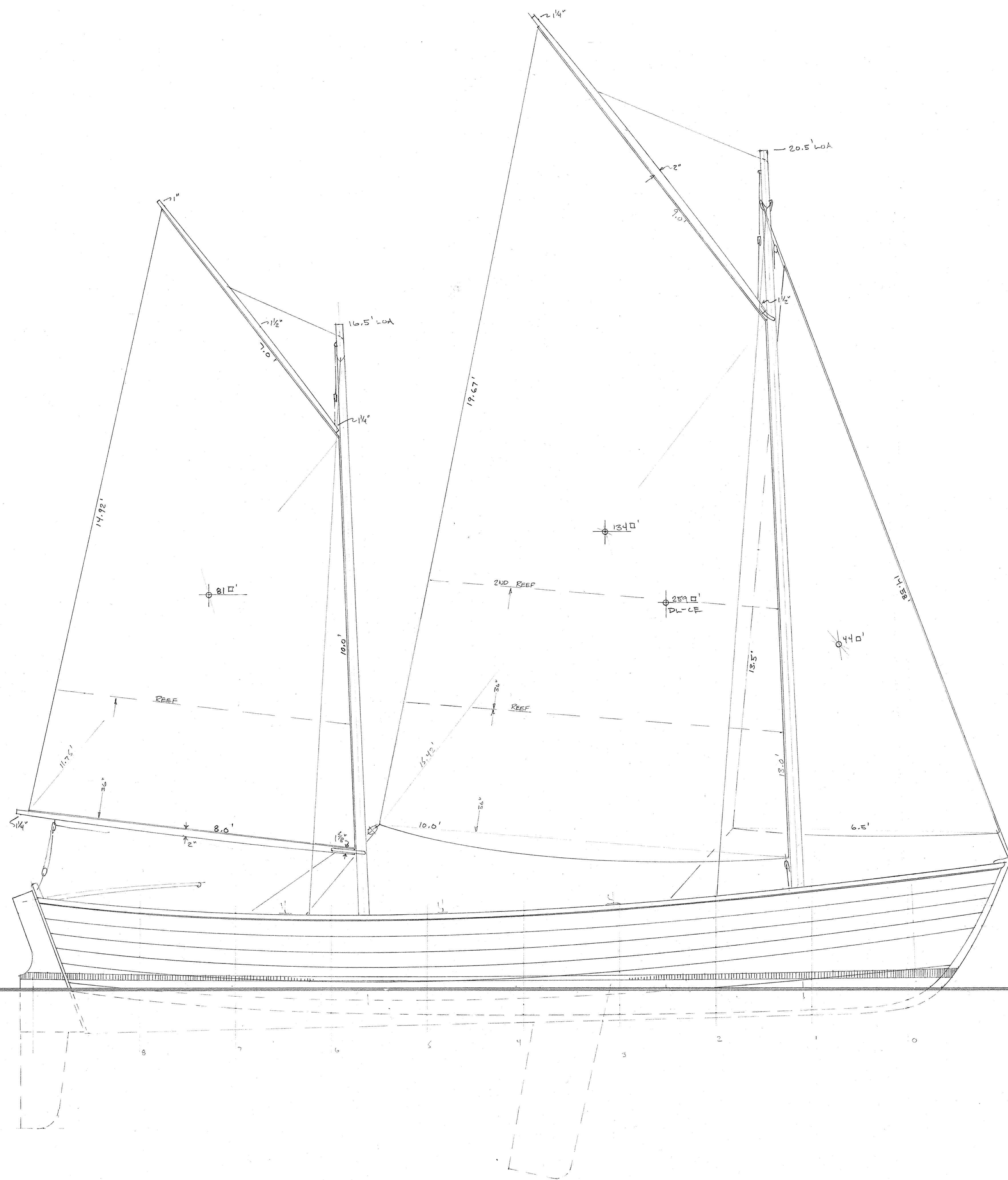


FULL SIZE SECTION  
AT FRAME #4

23'9" EXPLORATION KETCH  
FOR BEN BROWER  
SCALE: FULL DATE: 14/07/05  
CONSTRUCTION  
DETAIL

TAD ROBERTS - YACHT DESIGNER  
PO BOX 33 GABRIOLA ISLAND B.C.  
V0R 1X0 250-247-9315

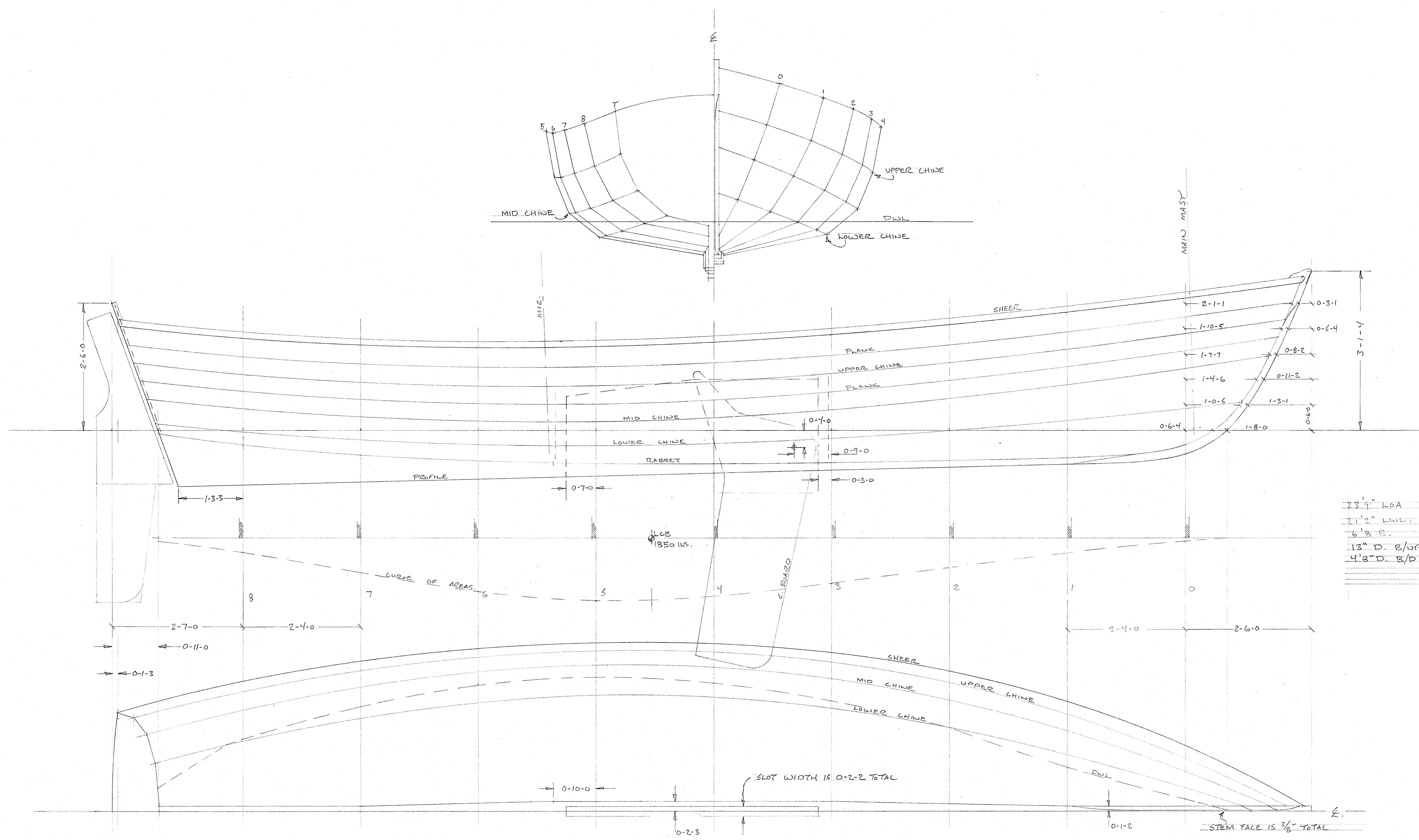
WRAP GLASS AROUND OUTSIDE  
KEEL AND INTO C BOARD  
SLOT.



- STANDING RIGGING
- HEAD STAY
  - MAIN SHROUDS (2) P's
  - MIZZEN SHROUDS (2) P's
- RUNNING RIGGING
- JIB HALYARD
  - JIB SHEETS (2) P's
  - MAIN PEAK HALYARD
  - MAIN THROAT HALYARD
  - MAIN SHEET
  - MAIN TACK DOWNHAUL
  - MIZ. PEAK HYLD.
  - MIZ THROAT HYLD
  - MIZ SHEET
  - MIZ TACK DOWNHAUL

23'9" EXPLORATION KETCH  
 FOR BEN BROWER  
 SCALE: 3/4" = 1' 0" DATE: 1/10/05  
 SAIL PLAN  
 REVISED: 01/06

TAD ROBERTS - YACHT DESIGNER  
 PO BOX 33 GABRIOLA ISLAND B.C.  
 VOL 1X0 250-247-9315



23'9" LOA  
 21'2" LWL  
 6'8" B.  
 13" D. B/UP  
 4'8" D. B/D

HALF BREADTHS

	A.P.	8	7	6	5	4	3	2	1	0	F.P.
KEEL	0-1-2	0-1-2	0-1-2	0-1-7	0-2-3	0-2-3	0-2-3	0-1-6	0-1-2	0-1-2	0-1-2
LOWER CHINE	0-11-3+	1-4-5	1-10-0	2-1-5+	2-3-4	2-3-0	2-0-3	1-7-7	1-1-4	0-5-4	0-1-2
MID CHINE	1-6-2	2-0-0	2-5-3	2-9-0	2-10-5	2-10-0	2-7-3	2-2-2+	1-7-0	0-9-3+	0-1-2
UPPER CHINE	1-10-1	2-4-3	2-9-2+	3-0-4	3-1-7+	3-1-5+	2-11-2	2-6-3	1-10-7	1-0-4	0-1-2
SHEER	1-11-3	2-6-7	2-11-4+	3-2-4	3-3-6+	3-8-5	3-1-4+	2-9-1	2-2-0	1-3-4+	0-1-2

HEIGHTS - ABOVE & BELOW DWL

	A.P.	8	7	6	5	4	3	2	1	0	F.P.
PROFILE	1-1-2	1-0-6							0-7-7	0-5-4	
RABBIT	0-0-6	0-3-3	0-5-6	0-7-1	0-7-6	0-7-7	0-7-5	0-7-1	0-6-3	0-3-2	
LOWER CHINE	0-1-5	0-0-3	0-2-1+	0-3-3	0-3-5	0-3-0+	0-1-7	0-0-0+	0-2-3	0-5-1+	0-6-5
MID CHINE	0-7-3+	0-5-1	0-3-2	0-2-2	0-2-1	0-2-7+	0-4-7	0-7-4+	0-10-6	1-2-5	1-5-4+
UPPER CHINE	1-4-1	1-1-2	0-11-3+	0-10-4	0-10-4+	0-11-4	1-1-3	1-4-0	1-7-1+	1-10-7	2-2-2
SHEER	2-2-3	1-11-3	1-9-5	1-9-0	1-9-3	1-10-3	2-0-1	2-2-4	2-5-3	2-8-6	3-0-3

23'9" EXPLORATION KETCH  
 FOR: BEN BROWER  
 SCALE: 1" = 1'0" DATE: 08/06/05  
 LINES  
 TAD ROBERTS - YACHT DESIGNER  
 PO BOX 33 GABRIOLA ISLAND BC  
 VOIC 1X0 250-247-9315