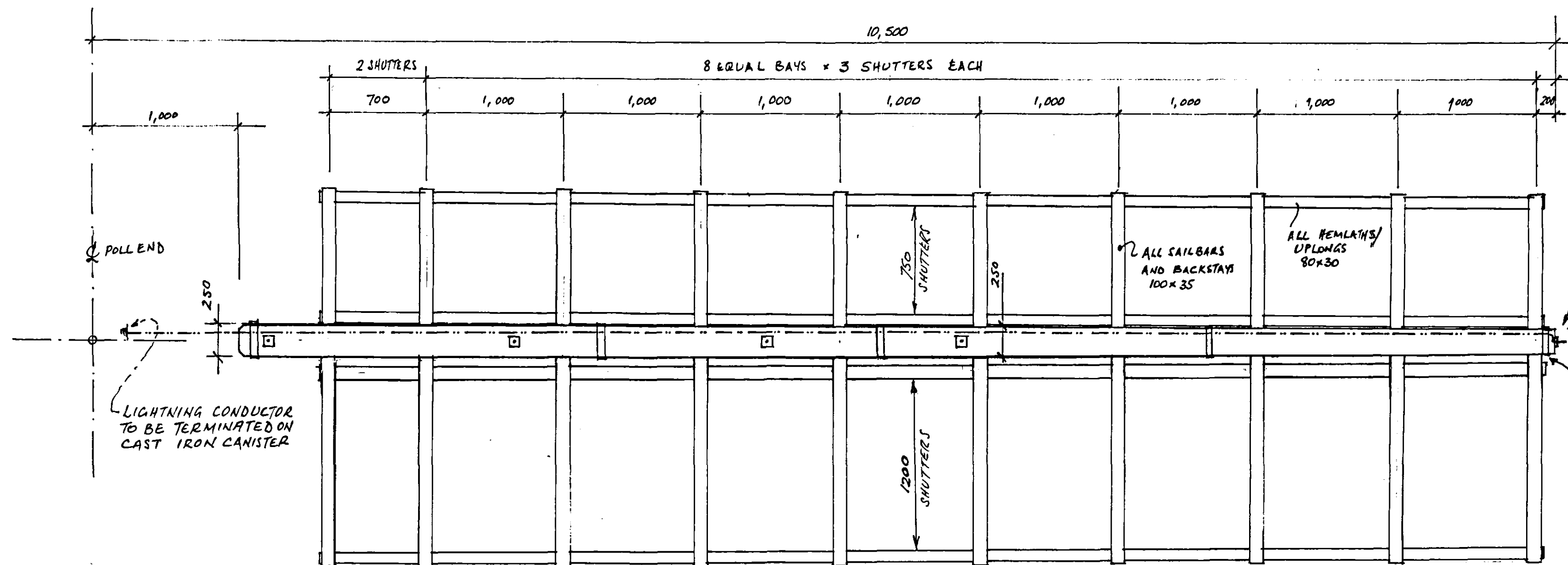
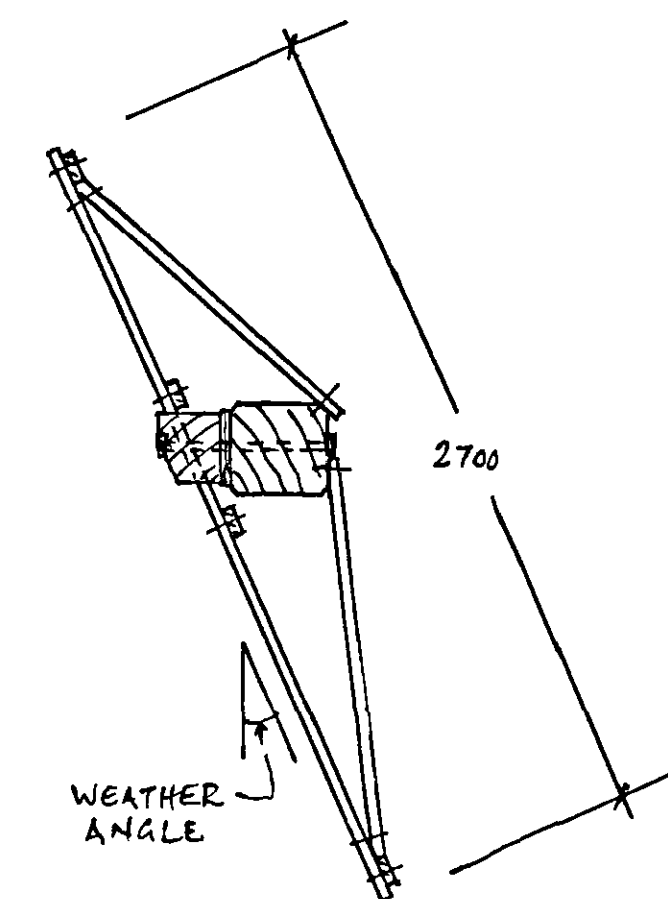


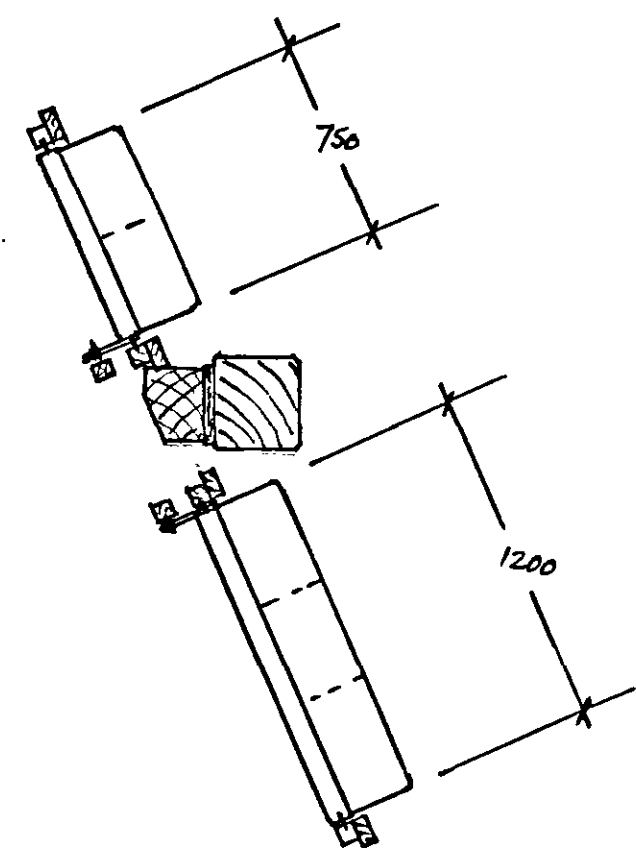


WEATHER ANGLES (°)	25°	24.5°	24°	23°	22°	21°	20°	18.5°	17°	15°
BACKSTAY LOCATIONS	S		S		S		S		S	

FRONT VIEW OF SAIL FRAME
(4 NO THUS)

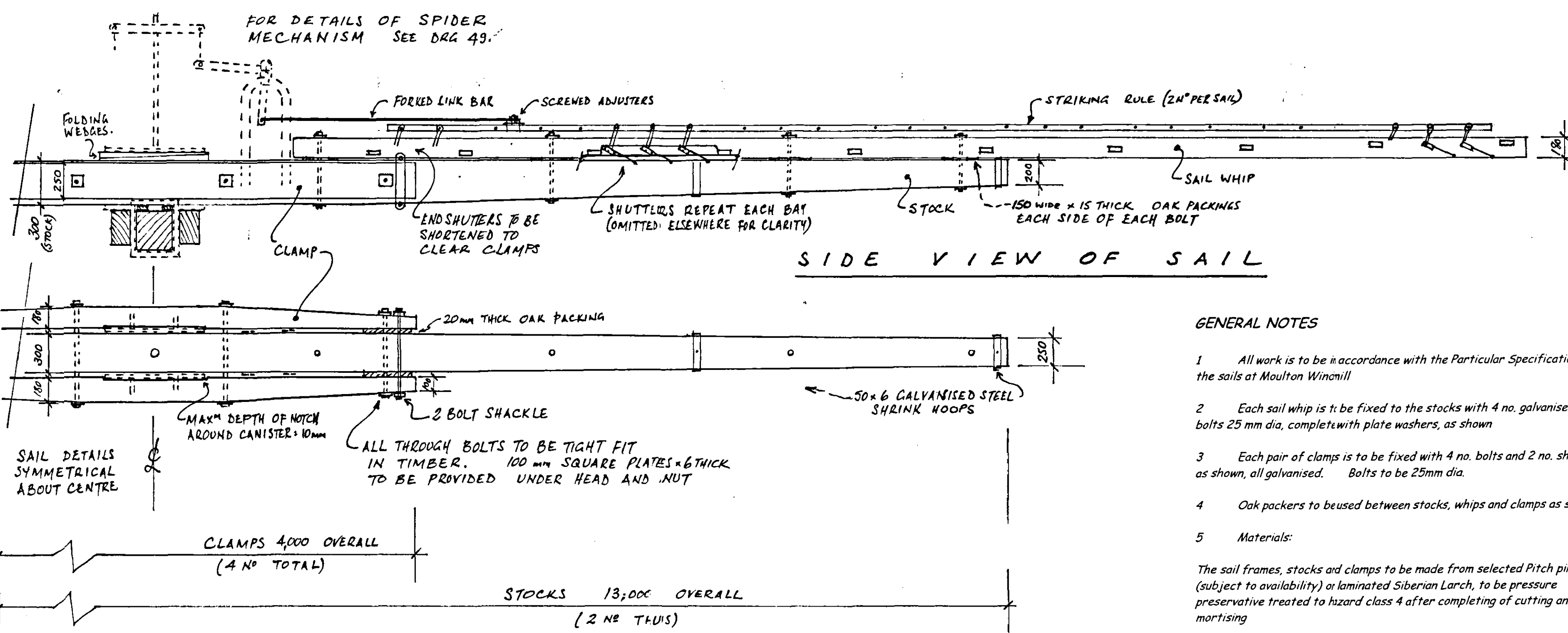


SECTION AT SAILBAR
6 SETS BACKSTAYS REQ'D AS SHOWN
FOR EACH SAIL AT 'S'



SECTION AT SHUTTERS

TYPICAL SECTIONS THRO' SAILS

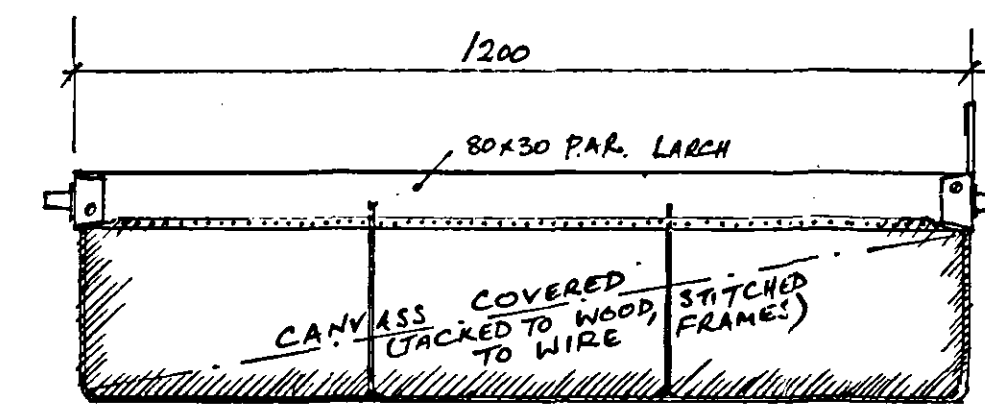


SIDE VIEW OF SAIL

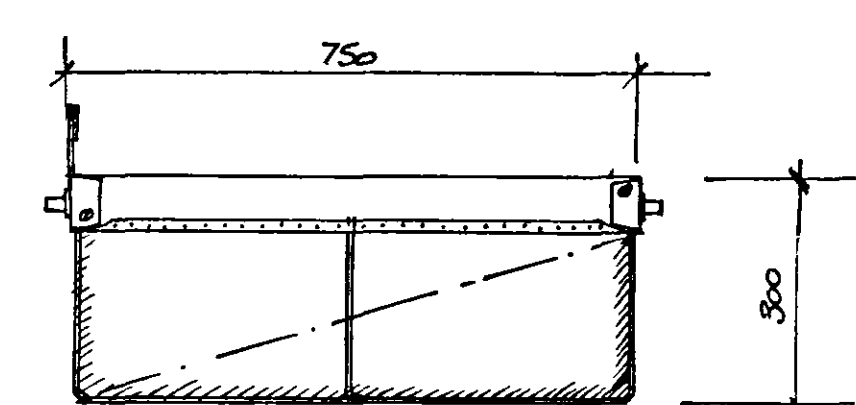
FACE VIEW OF STOCK AND CLAMPS

GENERAL NOTES

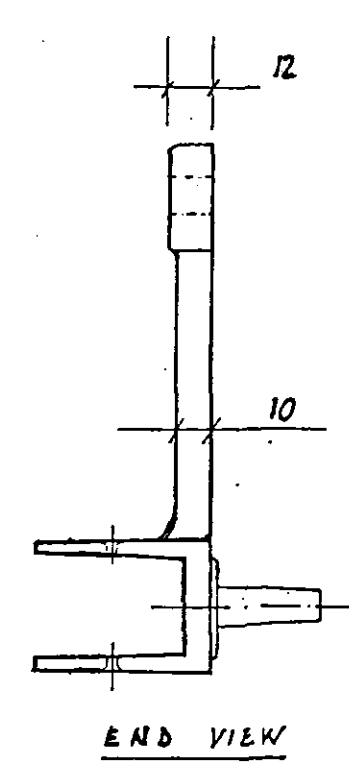
- All work is to be in accordance with the Particular Specification for the sails at Moulton Windmill
- Each sail whip is to be fixed to the stocks with 4 no. galvanised steel bolts 25 mm dia, complete with plate washers, as shown
- Each pair of clamps is to be fixed with 4 no. bolts and 2 no. shackles as shown, all galvanised. Bolts to be 25mm dia.
- Oak packers to be used between stocks, whips and clamps as shown
- Materials:
The sail frames, stocks and clamps to be made from selected Pitch pine (subject to availability) or laminated Siberian Larch, to be pressure preservative treated to hazard class 4 after completing of cutting and mortising
- All dimensions to be checked on site. Adequate space must be allowed between the stocks and the existing poll end canisters for the fitting and wedging during installation.
- Finishes: The sails and shutters are to be finished in a shade of off white to match weathered traditional white lead paint. The shrink hoops, shackles and striking gear are to be finished black.



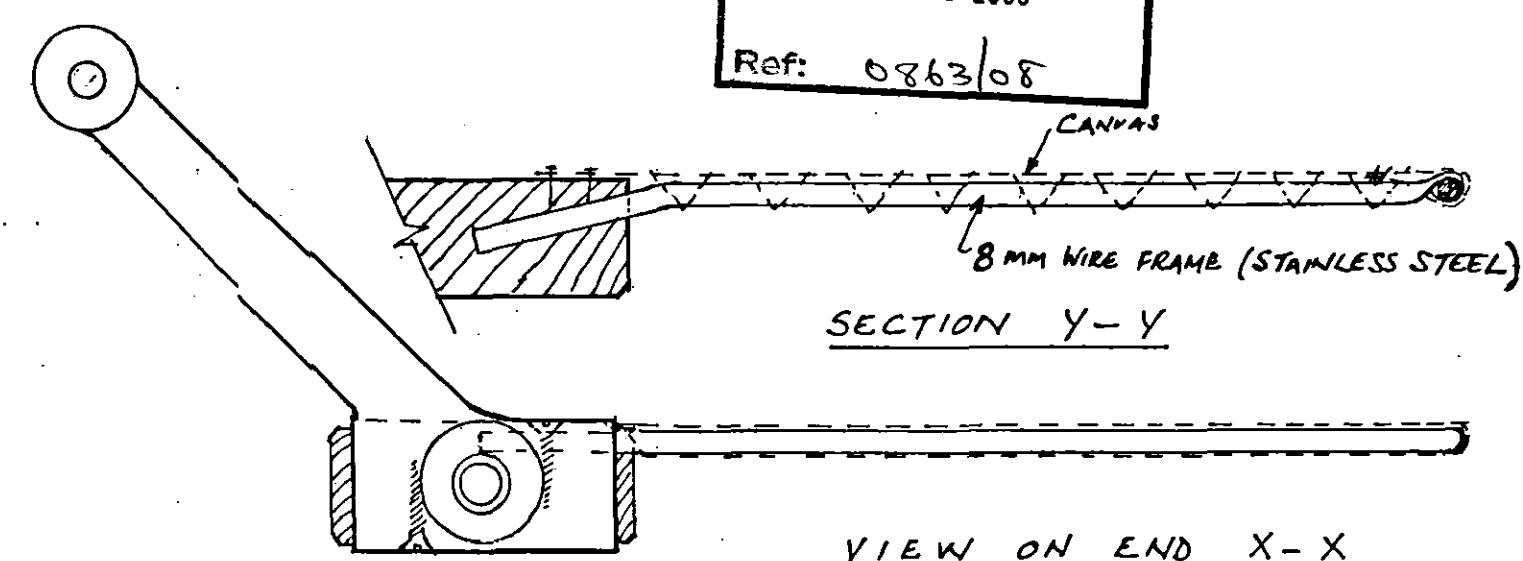
TRAILING SIDE



LEADING SIDE



END VIEW



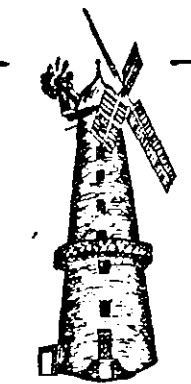
SECTION Y-Y

NOTE - CRANK FOR TRAILING SIDE SHUTTER IS OPPOSITE HAND

DETAILS OF SHUTTERS
(SCALE 1:10 & 1:2)

- 110 REQUIRED FOR LEADING SIDE (INCLUSIVE OF 6 SPARE)
- 110 REQUIRED FOR TRAILING SIDE (do)
- (NOTE THAT 4 NO OF EACH TYPE MUST BE SHORTENED TO CLEAR CLAMPS)

REV'N A - NOTES ADDED, MINOR UPDATE 7.08.5



MOULTON WINDMILL PROJECT LTD
Registered Charity no. 1078747

MILL RESTORATION
Details of Sails

BOUCHE & SONS
Consultant Millwrights
Westwood Nottinghamshire NG16 5HU
Tel/fax 0173 602594
Boucher.sons@btinternet.com

Scale 1:25 at size A1
Drawn 1/2
Date 1/2
Drg.no. 49.06A