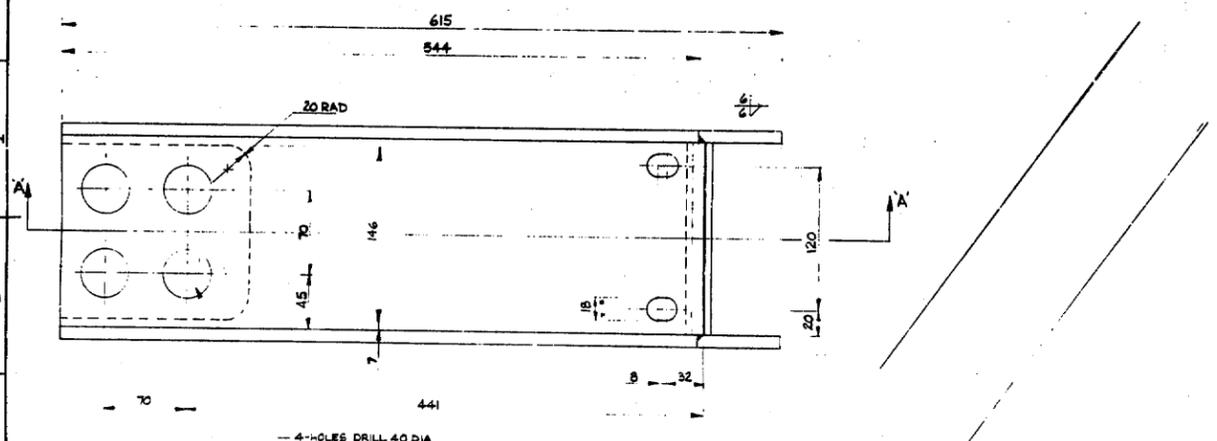
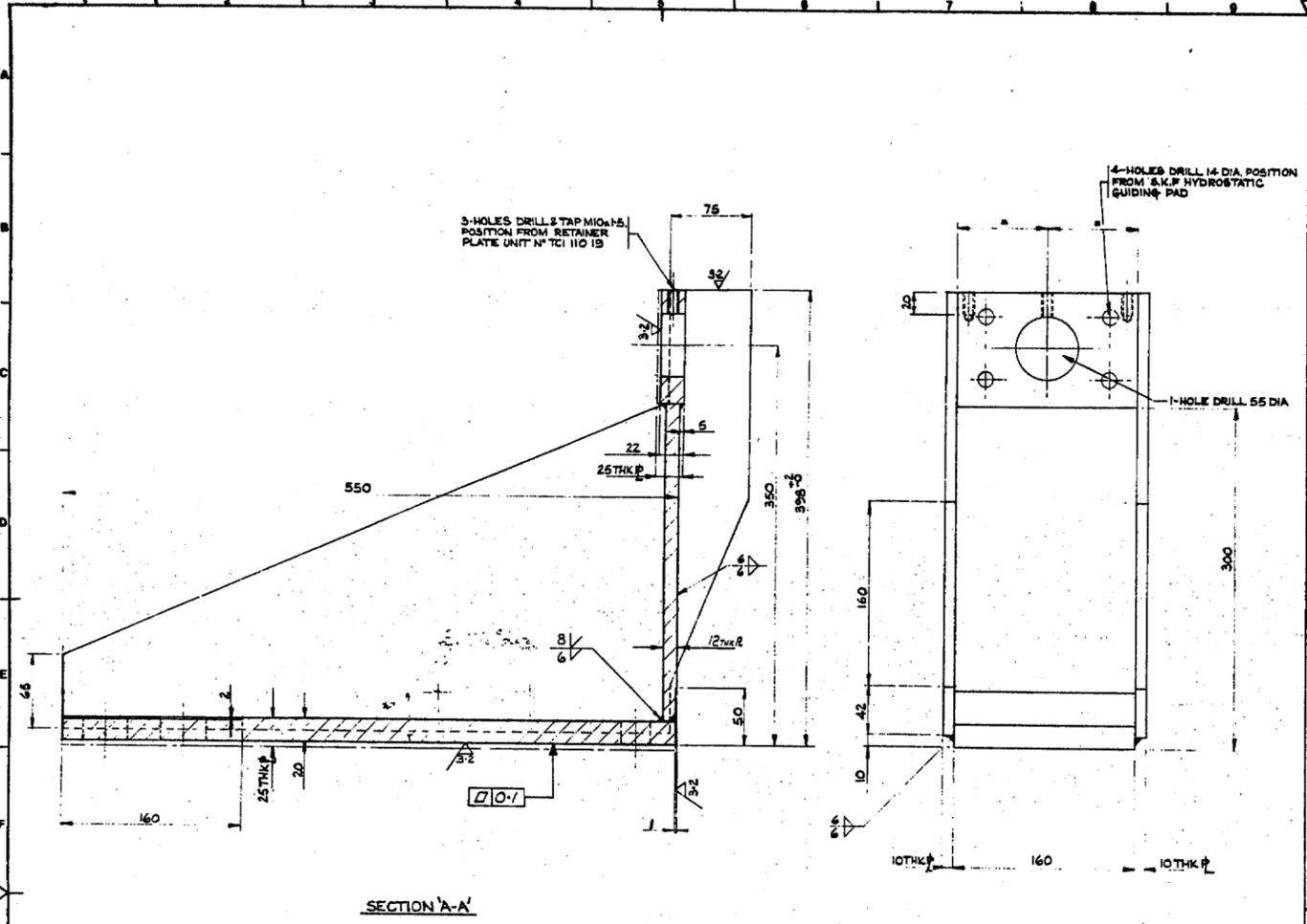




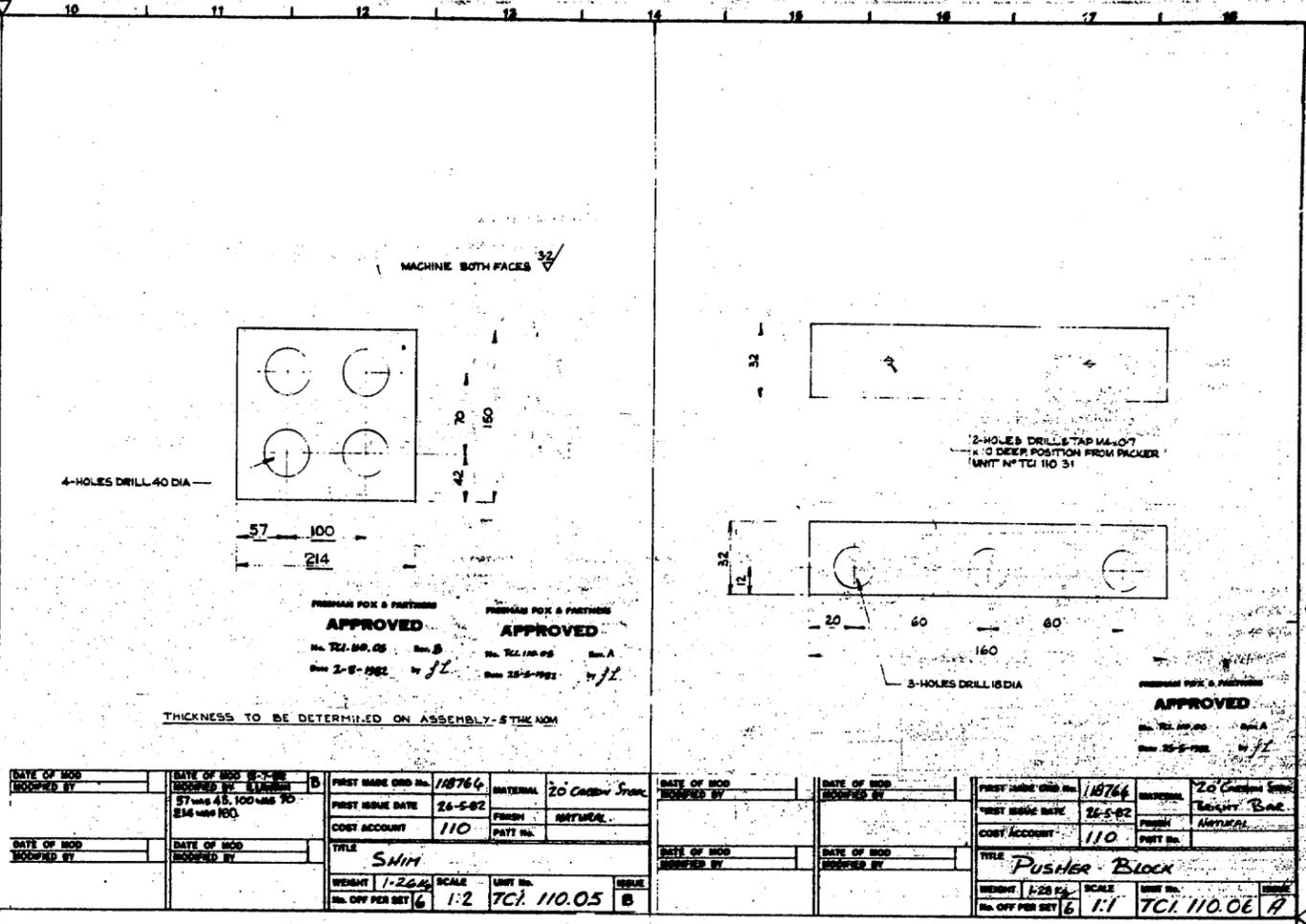
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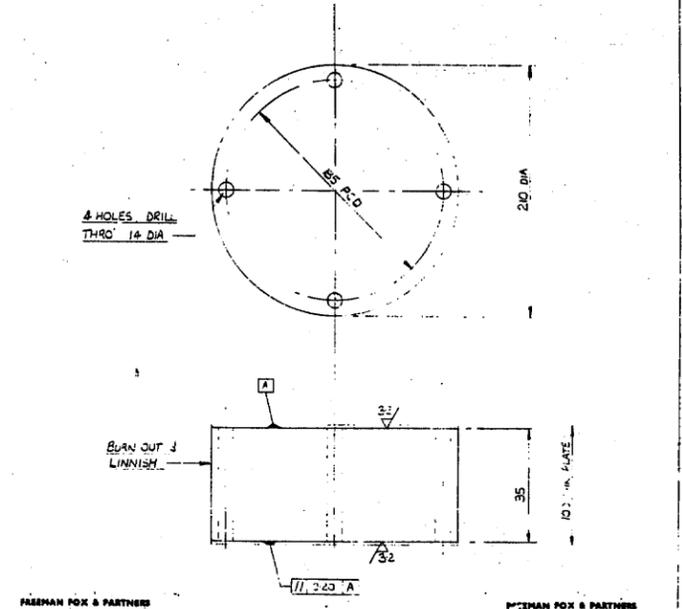
- NOTES**
1. MANUFACTURE IN ACCORDANCE WITH THE PARSONS BOND FOR SPEC & SPECIAL POLY TO REQUIRE.
  2. FABRICATION TOLERANCES AS PURCHASE SPEC, UNLESS OTHERWISE STATED ON THE DRAWING.
  3. THE FASTENING PRIME IS SUS304 IN ACCORDANCE WITH GRUBB PARSONS SPEC. B.
  4. THIS IS A HARD GLOSS-GLOSS RESISTANT ENAMEL WHITE.

THIS UNIT CANCELLED - REPLACED BY  
UNIT N° TCI 110-35A

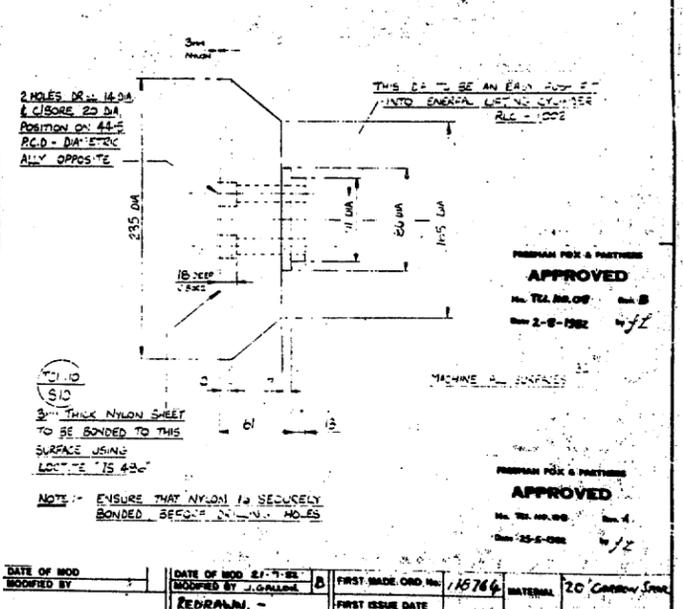
**AS BUILT DRAWINGS**  
This drawing shows all relations to this work



DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Carbon Steel	DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Carbon Steel
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL			FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.			COST ACCOUNT 110	PART No.
		TITLE SHIM				TITLE Pusher Block	
		WEIGHT 1.26kg	SCALE 1:2			WEIGHT 1.23kg	SCALE 1:1
		No. OFF PER SET 6	UNIT No. TCI. 110.05			No. OFF PER SET 6	UNIT No. TCI. 110.06

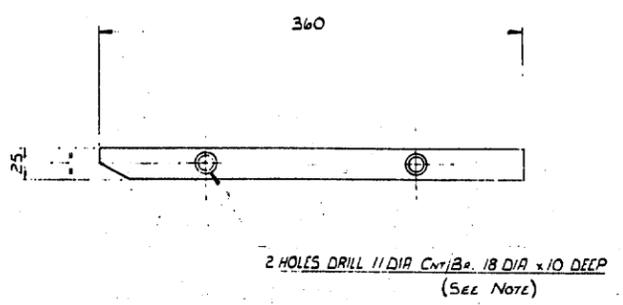
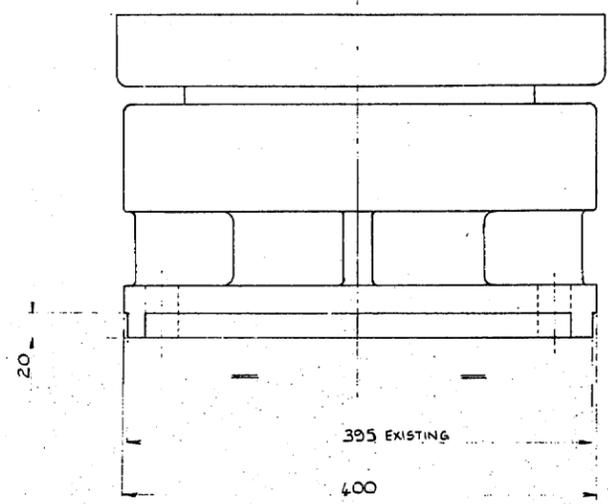


DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL BS 4360 GR 43D	DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Carbon Steel
		FIRST ISSUE DATE	FINISH NATURAL			FIRST ISSUE DATE	FINISH NATURAL
		COST ACCOUNT 110	PART No.			COST ACCOUNT 110	PART No.
		TITLE JACK BASE				TITLE JACKING SADDLE	
		WEIGHT 25.8kg	SCALE 1:2			WEIGHT 15kg	SCALE 1:2
		No. OFF PER SET 3	UNIT No. TCI. 110.07			No. OFF PER SET 3	UNIT No. TCI. 110.08

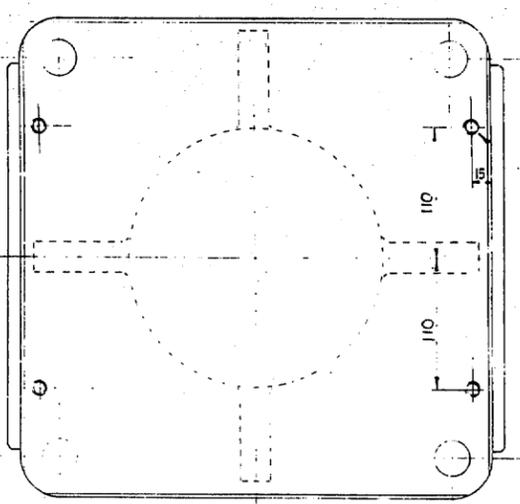


DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Carbon Steel	DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Carbon Steel
		FIRST ISSUE DATE	FINISH NATURAL			FIRST ISSUE DATE	FINISH NATURAL
		COST ACCOUNT 110	PART No.			COST ACCOUNT 110	PART No.
		TITLE JACKING SADDLE				TITLE JACKING SADDLE	
		WEIGHT 15kg	SCALE 1:2			WEIGHT 15kg	SCALE 1:2
		No. OFF PER SET 3	UNIT No. TCI. 110.08			No. OFF PER SET 3	UNIT No. TCI. 110.09

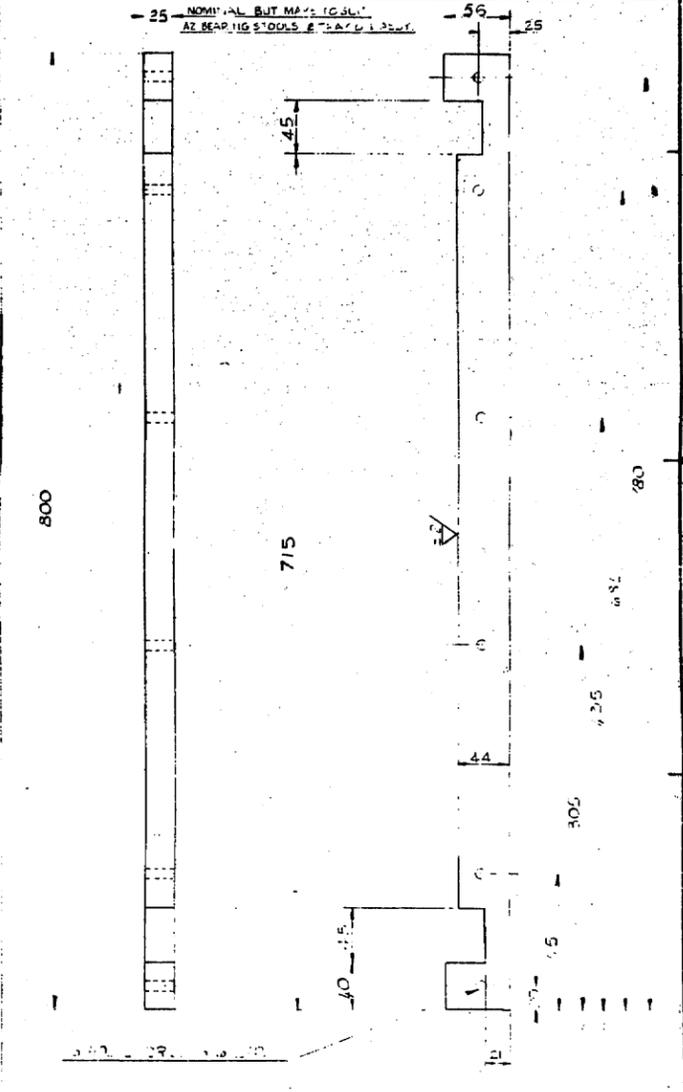
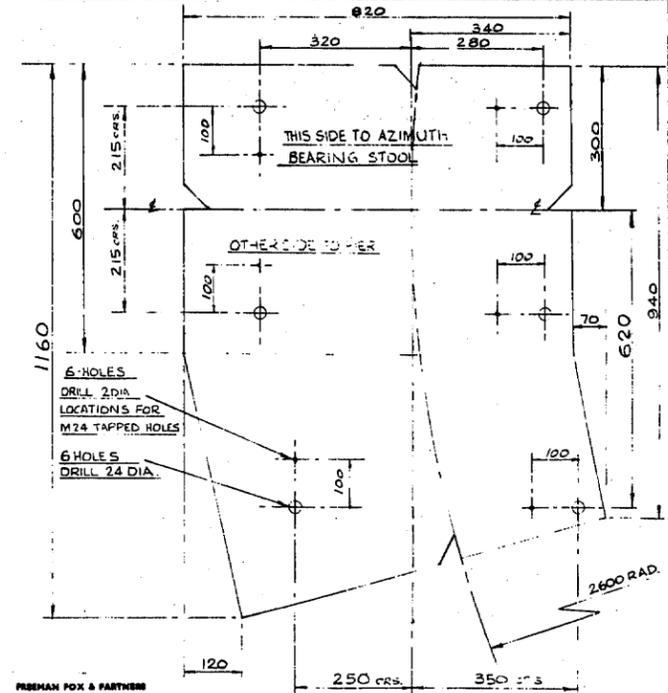
Vertical Dimension 300



DATE OF MOD MODIFIED BY		DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Cms. Steel
			FIRST ISSUE DATE 26-5-82	FINISH BRIGHT BAR
			COST ACCOUNT 110	PART No. NATURAL
			TITLE BEARING STOP	
			WEIGHT 0.5 Kgms	SCALE 1:1
			No. OFF PER SET 6	UNIT No. TCI. 110. 12
				ISSUE A



DATE OF MOD MODIFIED BY		DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Cms. Steel
			FIRST ISSUE DATE 26-5-82	FINISH BRIGHT BAR
			COST ACCOUNT 110	PART No. NATURAL
			TITLE BEARING GUIDE	
			WEIGHT 1.7 Kgms	SCALE 1:2
			No. OFF PER SET 6	UNIT No. TCI. 110. 10
				ISSUE A



DATE OF MOD MODIFIED BY		DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 Cms. Steel
			FIRST ISSUE DATE 26-5-82	FINISH NATURAL
			COST ACCOUNT 110	PART No. NATURAL
			TITLE SHIM	
			WEIGHT 6.5 Kgms	SCALE 1:2
			No. OFF PER SET 6	UNIT No. TCI. 110. 13
				ISSUE A

DRILLING FOR MASTER & SLAVE DESIGNS  
SKF BEARING UNIT TO SKF. DRG. No. 116 4000 828

DATE OF MOD MODIFIED BY		DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 1/2" M.S. SHEET
			FIRST ISSUE DATE 26-5-82	FINISH NATURAL
			COST ACCOUNT 110	PART No. NATURAL
			TITLE TEMPLATE FOR AZ-BRG. STOOL	
			WEIGHT 7.5 Kg	SCALE 1:5
			No. OFF PER SET 1	UNIT No. TCI. 110. 11
				ISSUE B

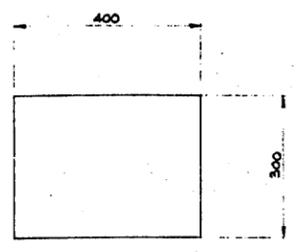
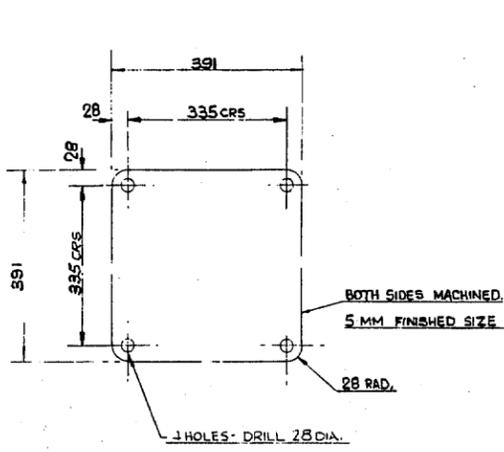
AS BUILT DRAWINGS  
This drawing shows all revisions to this work

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL S.K.F.
		FIRST ISSUE DATE 26-5-82	Hydrostatic Brg. See Unit No. TCI. 110. 9
		COST ACCOUNT 110	FINISH NATURAL
		TITLE HYDROSTATIC BEARING DRILLING DETAILS	
		WEIGHT	SCALE 1:2
		No. OFF PER SET 6	UNIT No. TCI. 110. 09
			ISSUE A

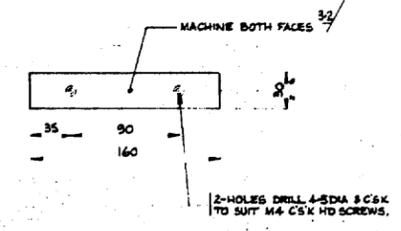
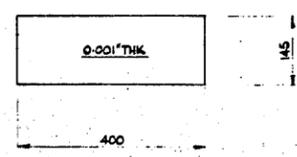
GRUBB PARSONS NEWCASTLE UPON TYNE NES UYS  
4.2 METRE WILLIAM HERSCHEL TELESCOPE  
FOR OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS LA PALMA  
AND ROYAL GREENWICH OBSERVATORY  
AZIMUTH BEARINGS DETAILS  
SCALE TCI. 110. 12

THIS DRAWING IS THE PROPERTY OF NEI PARSONS LTD. AND MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY WITHOUT GRUBB PARSONS WRITTEN CONSENT.  
ALL DIMENSIONS ARE IN MILLIMETRES  
PROJECTION: FIRST ANGLE  
DRAWN: J. TRAVIS  
DATE: 13-11-82  
CHECKED: J. TRAVIS  
DATE: 13-11-82  
SCALE: 1:1





UNIT N°	MATERIAL	THICKNESS	N° OFF
TCI 110 21	20 CARBON ST	5mm (1/8")	4
TCI 110 22	20 CARBON ST	2mm (1/16")	2
TCI 110 23	20 CARBON ST	1mm (1/32")	2
TCI 110 24	BRASS	0.005"	4
TCI 110 25	BRASS	0.015"	4
TCI 110 26	BRASS	0.015"	6
TCI 110 27	BRASS	0.005"	6
TCI 110 28	BRASS	0.005"	6
TCI 110 29	BRASS	0.005"	6



REMAKE MOD E.  
 FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 20 Rev. A  
 Date 25-5-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 21 to 29 Rev. A  
 Date 25-5-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 30 Rev. A  
 Date 25-5-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 31 Rev. A  
 Date 25-5-1982 by J.L.

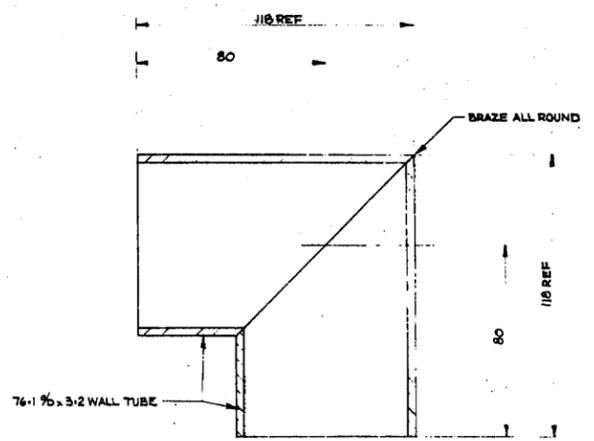
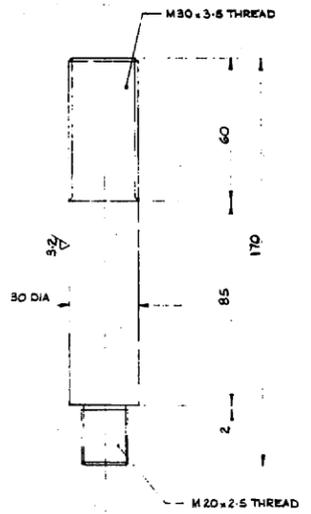
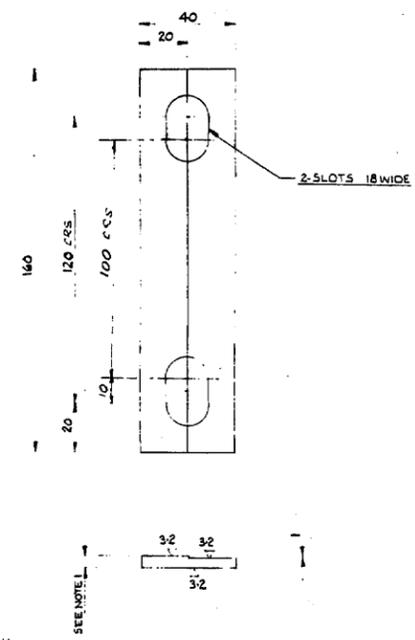
NOTE  
 1. THICKNESS & FORM OF PACKER TO BE DECIDED ON ASSY. NOMINAL THICKNESS 10mm.

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHIM	
		WEIGHT 6.28kg	SCALE 1:5
		UNIT No. TCI 110 20	ISSUE B

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHIM	
		WEIGHT	SCALE 1:5
		UNIT No. TCI 110 21-29	ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL BRASS
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHIM	
		WEIGHT	SCALE 1:5
		UNIT No. TCI 110 30	ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE PACKER	
		WEIGHT	SCALE 1:2
		UNIT No. TCI 110 31	ISSUE A



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 32 Rev. A  
 Date 25-5-1982 by J.L.

NOTES  
 1. THICKNESS OF SHIM TO BE DETERMINED ON ASSEMBLY. NOMINAL THICKNESS 5mm.  
 2. REPEAT UNITS 100 CRS FOR 2 HOLES 18 DIA.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 33 Rev. B  
 Date 2-8-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 33 Rev. A  
 Date 25-5-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 34 Rev. B  
 Date 2-8-1982 by J.L.

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 110 34 Rev. A  
 Date 25-5-1982 by J.L.

**AS BUILT DRAWINGS**  
 This drawing shows all variations to this work.  
 C4

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118744	MATERIAL 20 CARBON STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHIM	
		WEIGHT 0.25kg	SCALE 1:1
		UNIT No. TCI 110 32	ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE STUD	
		WEIGHT 0.87kg	SCALE 1:1
		UNIT No. TCI 110 33	ISSUE B

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STAINLESS STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE ELBOW	
		WEIGHT 0.92kg	SCALE 1:1
		UNIT No. TCI 110 34	ISSUE B

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STAINLESS STEEL
		FIRST ISSUE DATE 26-5-82	FINISH NATURAL
		COST ACCOUNT 110	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE ELBOW	
		WEIGHT 0.92kg	SCALE 1:1
		UNIT No. TCI 110 34	ISSUE B



