

NOTE:-
 ANY ADDITIONAL SEALING, WHICH MAY BE REQUIRED, IS TO BE CARRIED OUT BY THE TENDER ON ACCEPTANCE. HOLES ARE TO BE DRILLED IN FIELD SITS TO MATING FLANGES.

FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 121 21/2 Rev. B
 Date 22-6-1983

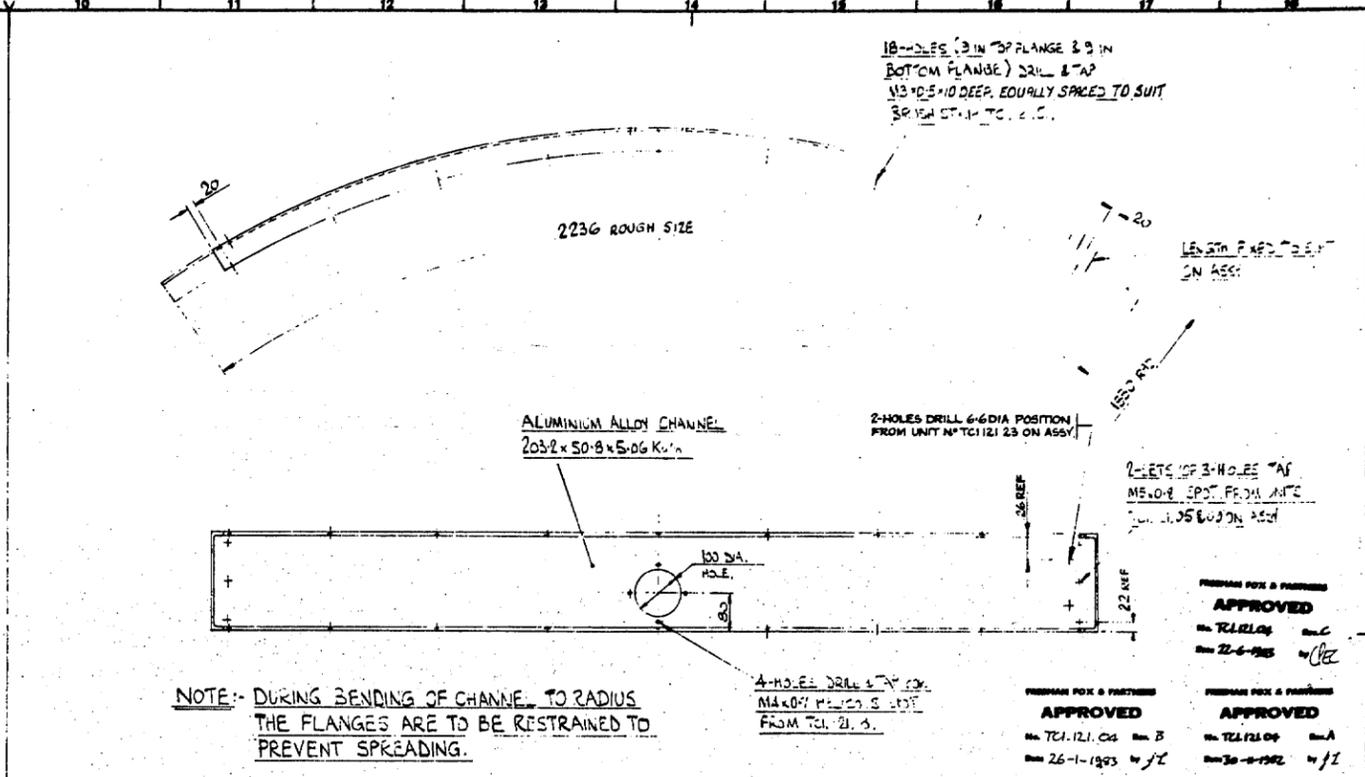
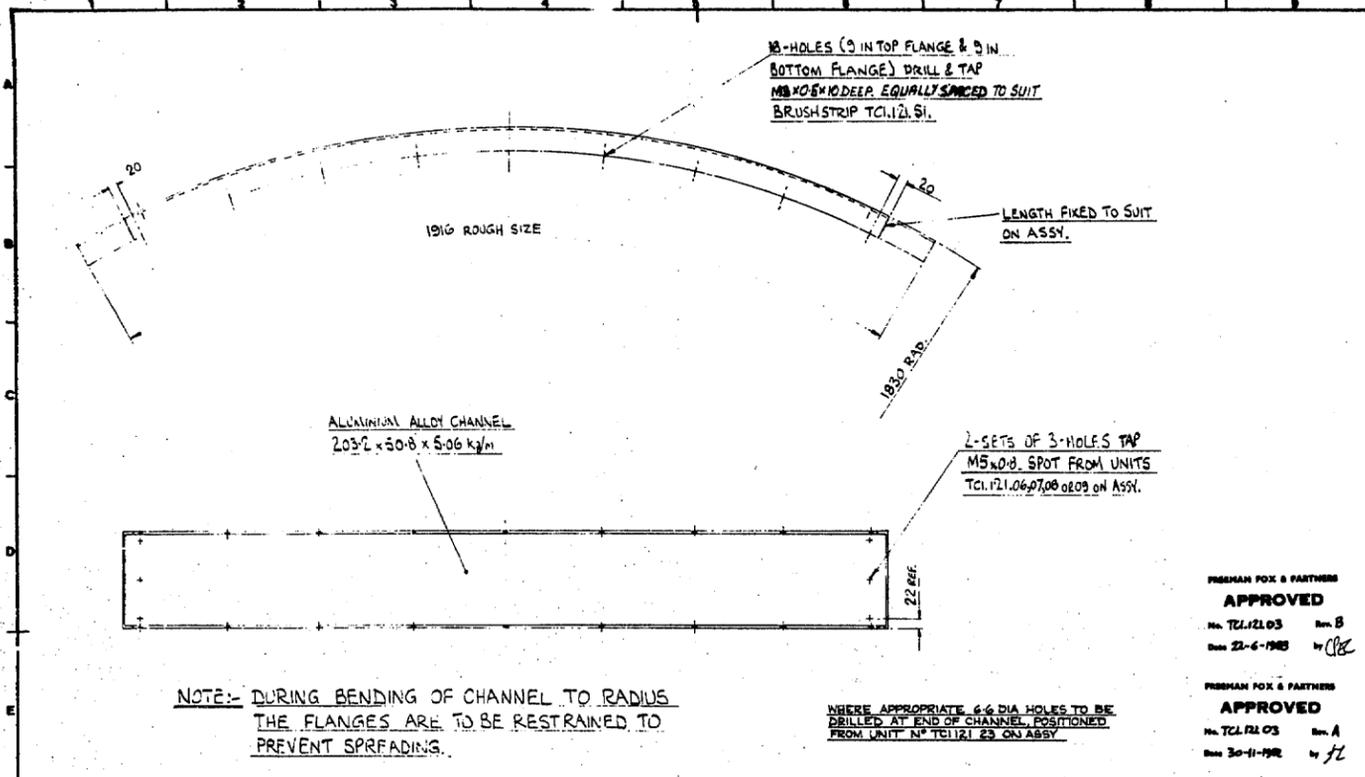
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 121 21/2 Rev. A
 Date 30-11-1982

AS BUILT DRAWINGS
 This drawing shows all changes to this work.

ORDER No. 113764



A merger of Clarke Chapman and Reynolds Parsons	SURFACE FINISH EQUIVALENTS MICROMETRES 4 8 12 20 30 500 MICROINCHES 1 2 3 4 6 12 25 50	SURFACE FINISH SYMBOLS DENOTES NOT NECESSARILY MACHINED DENOTES MACHINED	WELD SYMBOLS TO BS 499 PART 2 1969	FABRICATION TOLERANCES DIMENSIONS UP TO 250 ± 0.30 DIMENSIONS FROM 250 TO 2500 ± 0.50 ANGLES ± 1:600 STRAIGHTNESS / FLATNESS 1:600	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.	GENERAL MACHINING TOLERANCES (EXCEPT WHERE STATED OTHERWISE) UNSPECIFIED DIMENSIONS ± 0.25 DIMENSIONS WITH DECIMAL COVER ± 0.25 DIMENSIONS WITH 0.01 ± 0.1 AND DECIMAL DIM. ± 0.1 ALL DIMENSIONS ARE IN MILLIMETRES ANGLES : SCREEN THREADS TO B.S. 3842 PART 2 MEDIUM FIT MACHINED DIA CONCENTRIC TO O.D. T.J.R.	PROJECTION UNCHECKED 3RD ANGLE DRAWN BY J. BROWN DATE 24/8/82	GRUBB PARSONS NEWCASTLE UPON TYNE NE8 2YB ASSEMBLY OF AZIMUTH DRIVE GEARBOX COVER SCALE 1/2 SHEET 2 OF 2 TCI 121
	THIS DRAWING CONFORMS TO B.S. 206							

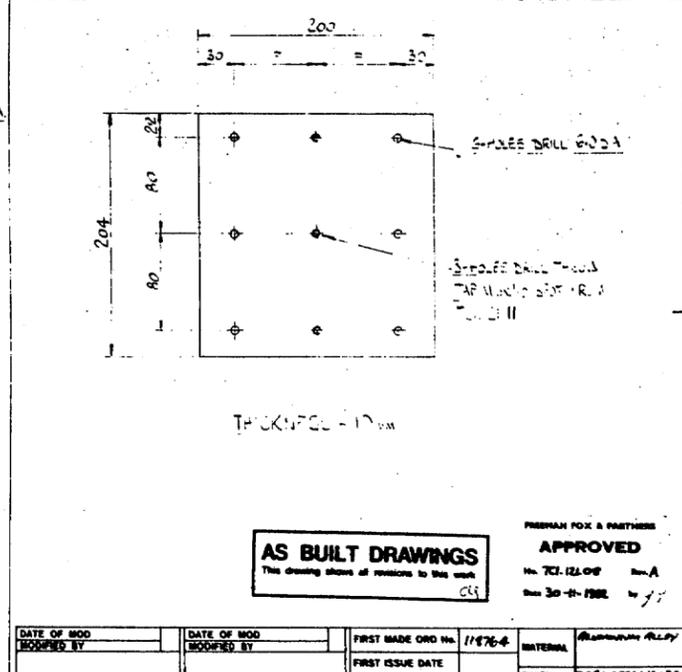
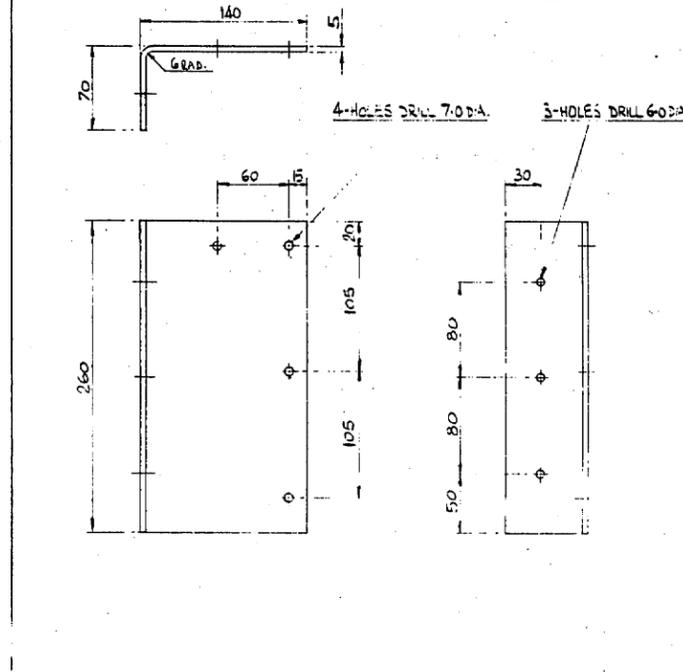
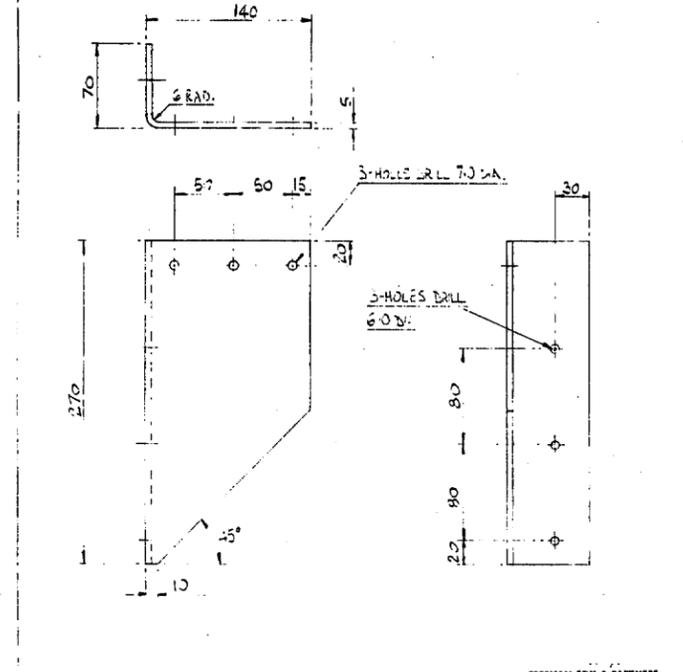
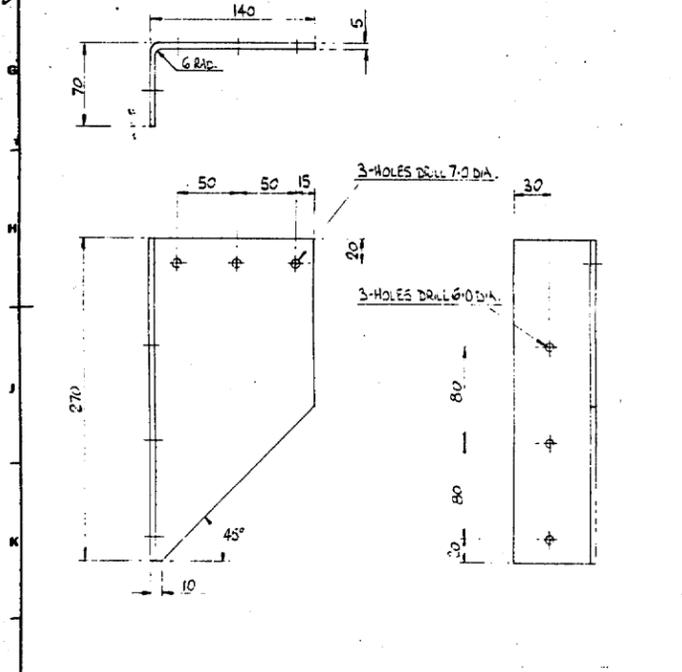


CHANNEL LENGTHS (AS MADE):-
 1.-1575 (2off)
 2.-1685
 3.-1705

CHANNEL LENGTH (AS MADE):- 1965

DATE OF MOD MODIFIED BY	DATE OF MOD 21-8-83 MODIFIED BY V.K.P.	FIRST MADE ORD No. 118764	MATERIAL ALUM. ALLOY CHANNEL (2032x50.8x5.06 K/M)
	FINISH DARK GREEN 14C39	FIRST ISSUE DATE	FINISH DARK GREEN 14C39
	NOTE: 18 HOLES MADE PER UNIT NORTH FOR DRILLING OF 6 HOLES ADDED.	COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL	
		WEIGHT 8.4 Kg	SCALE 1/5
		No. OFF PER SET 4	UNIT No. TCI.121.03
			ISSUE B

DATE OF MOD MODIFIED BY	DATE OF MOD 1/12/83 MODIFIED BY M.B.L.	FIRST MADE ORD No. 118764	MATERIAL ALUM. ALLOY CHANNEL (2032x50.8x5.06 K/M)
	FINISH DARK GREEN 14C39	FIRST ISSUE DATE	FINISH DARK GREEN 14C39
	NOTE: 18 HOLES MADE PER UNIT NORTH FOR DRILLING OF 6 HOLES ADDED.	COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD 25-5-81 MODIFIED BY M.B.L.	TITLE SEAL SUPPORT CHANNEL	
	NOTE: 18 HOLES MADE PER UNIT NORTH FOR DRILLING OF 6 HOLES ADDED.	WEIGHT 8.4 Kg	SCALE 1/5
		No. OFF PER SET 1	UNIT No. TCI.121.04
			ISSUE C



FREEMAN FOX & PARTNERS
 APPROVED
 No. TCI.121.05 Rev. A
 Date 30-11-1982 by JI

FREEMAN FOX & PARTNERS
 APPROVED
 No. TCI.121.06 Rev. A
 Date 30-11-1982 by JI

FREEMAN FOX & PARTNERS
 APPROVED
 No. TCI.121.07 Rev. A
 Date 30-11-1982 by JI

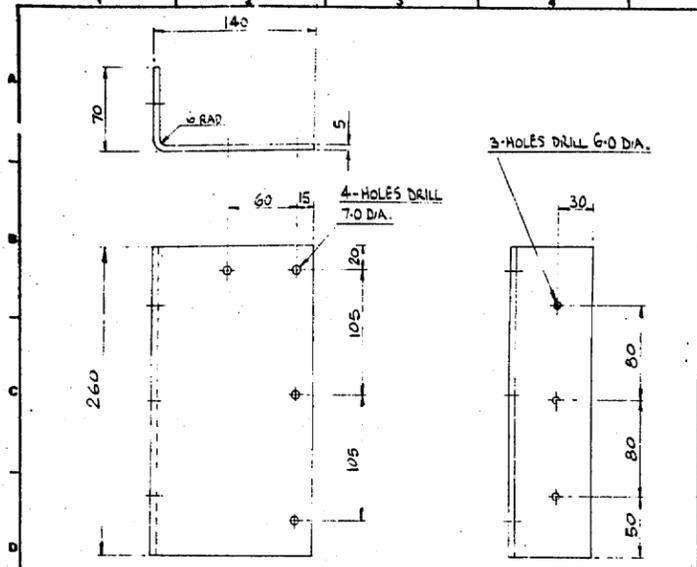
AS BUILT DRAWINGS
 This drawing shows all revisions to this work
 APPROVED
 No. TCI.121.08 Rev. A
 Date 30-11-1982 by JI

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 120 CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C39
		COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE BRACKET	
		WEIGHT 1.9 Kg	SCALE 1/2
		No. OFF PER SET 1	UNIT No. TCI.121.05
			ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 120 CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C39
		COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE BRACKET	
		WEIGHT 1.9 Kg	SCALE 1/2
		No. OFF PER SET 1	UNIT No. TCI.121.06
			ISSUE A

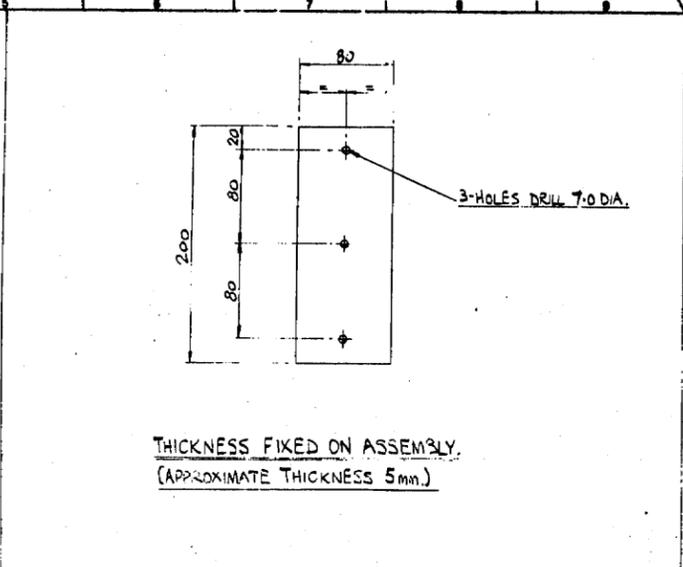
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 120 CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C39
		COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE BRACKET	
		WEIGHT 2.1 Kg	SCALE 1/2
		No. OFF PER SET 2	UNIT No. TCI.121.07
			ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL ALUMINIUM ALLOY
		FIRST ISSUE DATE	FINISH DARK GREEN 14C39
		COST ACCOUNT 121	PATT No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE JOINING PLATE	
		WEIGHT 1.1 Kg	SCALE 1/2
		No. OFF PER SET 2	UNIT No. TCI.121.08
			ISSUE A



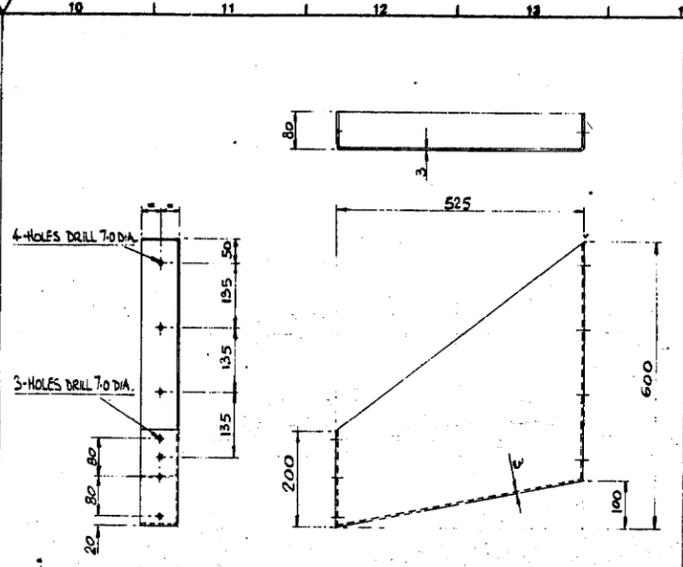
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.09 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE BRACKET			
WEIGHT 24 Kg	SCALE 1/2	UNIT No. TCI.121.09	ISSUE A
No. OFF PER SET 2			



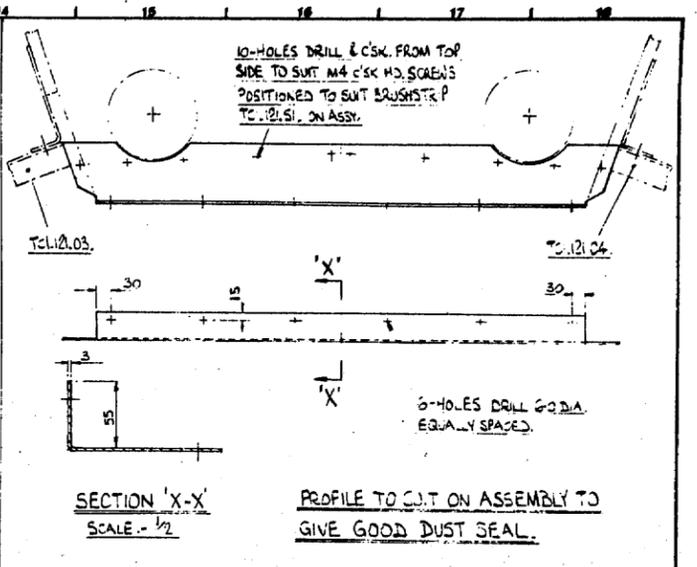
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.10 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE PACKER			
WEIGHT 0.6 Kg	SCALE 1/2	UNIT No. TCI.121.10	ISSUE A
No. OFF PER SET 2			



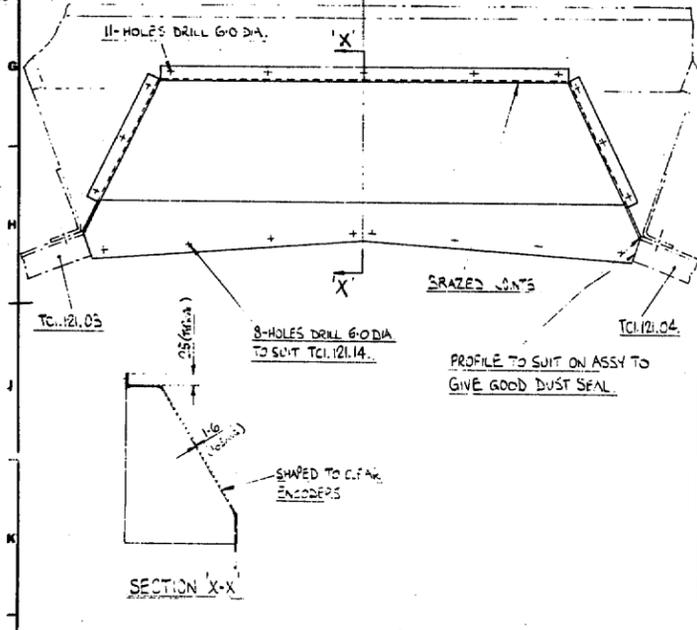
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.11 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE BRACKET			
WEIGHT 7.3 Kg	SCALE 1/5	UNIT No. TCI.121.11	ISSUE A
No. OFF PER SET 2			



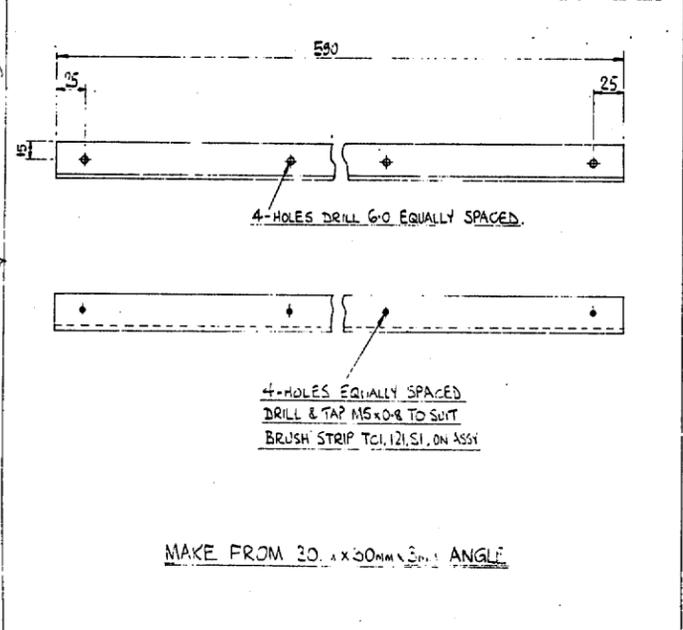
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.12 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE SEAL SUPPORT			
WEIGHT 4.2 Kg	SCALE 1/5	UNIT No. TCI.121.12	ISSUE A
No. OFF PER SET 1			



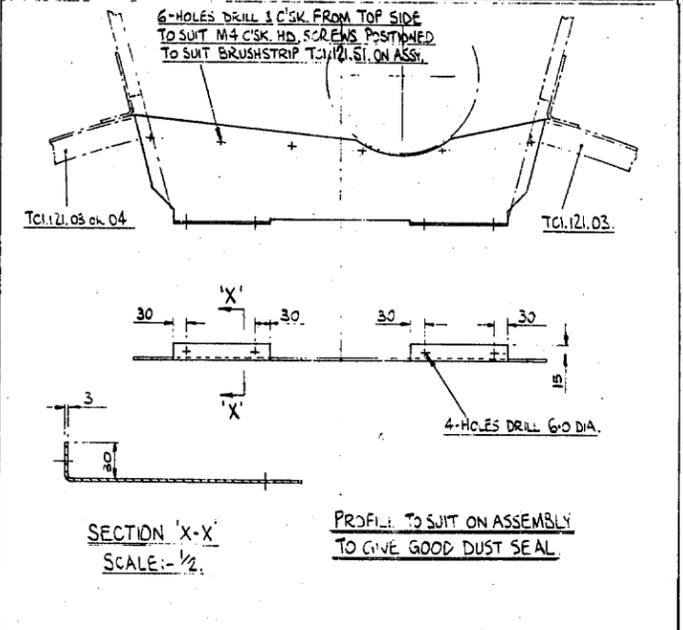
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.13 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL (16mm G.) 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE COVER			
WEIGHT 7.7 Kg	SCALE 1/5	UNIT No. TCI.121.13	ISSUE A
No. OFF PER SET 1			



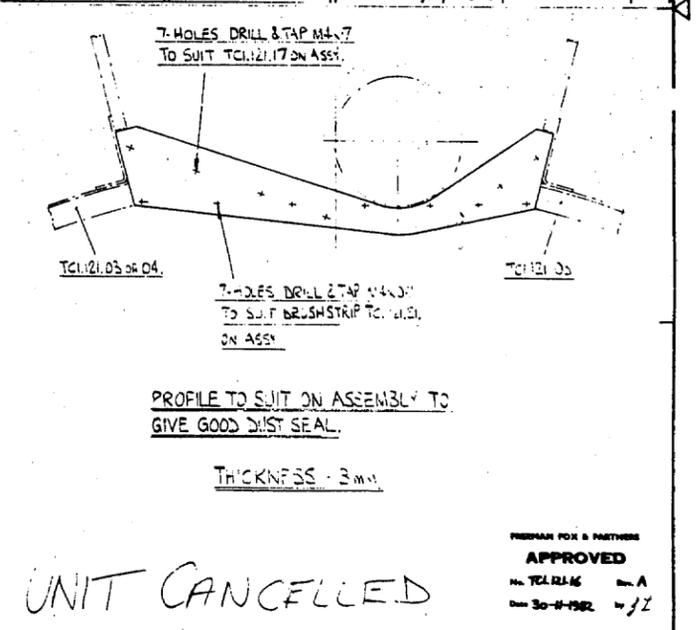
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.14 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE SEAL SUPPORT ANGLE			
WEIGHT 0.9 Kg	SCALE 1/2	UNIT No. TCI.121.14	ISSUE A
No. OFF PER SET 2			



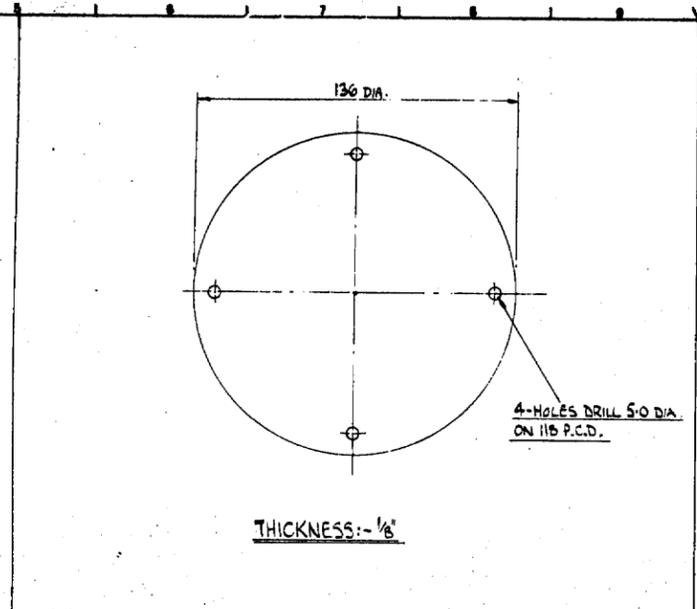
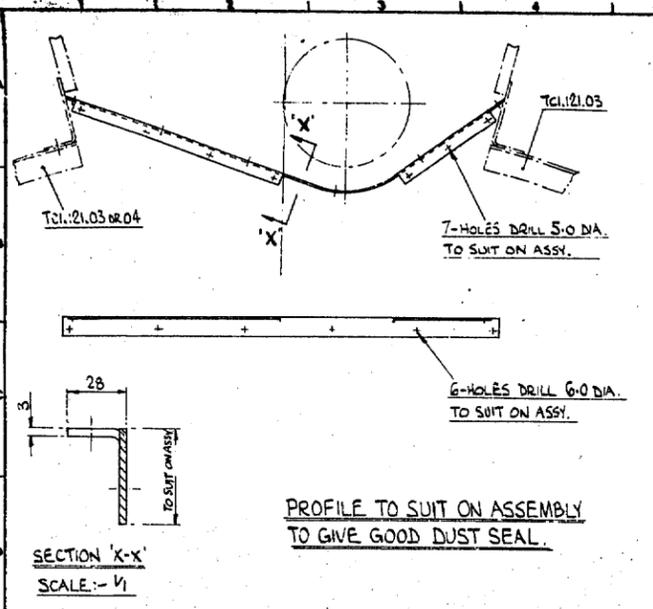
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.15 Rev. A
 Date 30-11-1982 by JZ

DATE OF MOD. MODIFIED BY	DATE OF MOD. MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL STEEL 20' CARBON
		FIRST ISSUE DATE	FINISH DARK GREEN 14C35
		COST ACCOUNT 121	PART No.
TITLE BRACKET			
WEIGHT 0.9 Kg	SCALE 1/2	UNIT No. TCI.121.14	ISSUE A
No. OFF PER SET 2			



FREEMAN FOX & PARTNERS
APPROVED
 No. TCI.121.16 Rev. A
 Date 30-11-1982 by JZ

UNIT CANCELLED
 A BROWN 9-6-83



UNIT CANCELLED
 ABROWN 9-6-83

FREEHMAN FOX & PARTNERS
 APPROVED
 No. TCl.121.17
 Date 30-11-1982

AS BUILT DRAWINGS
 This drawing shows as made in the work

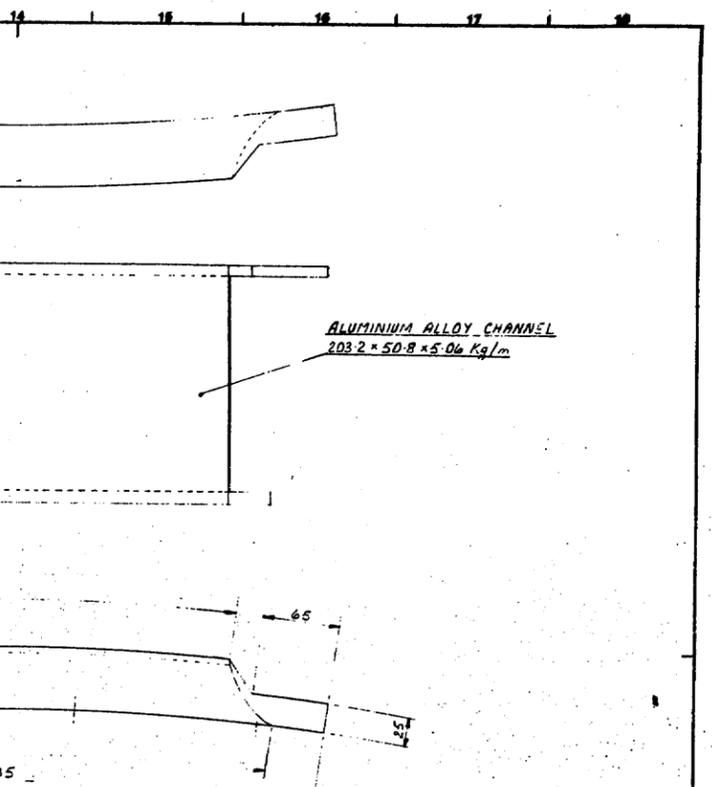
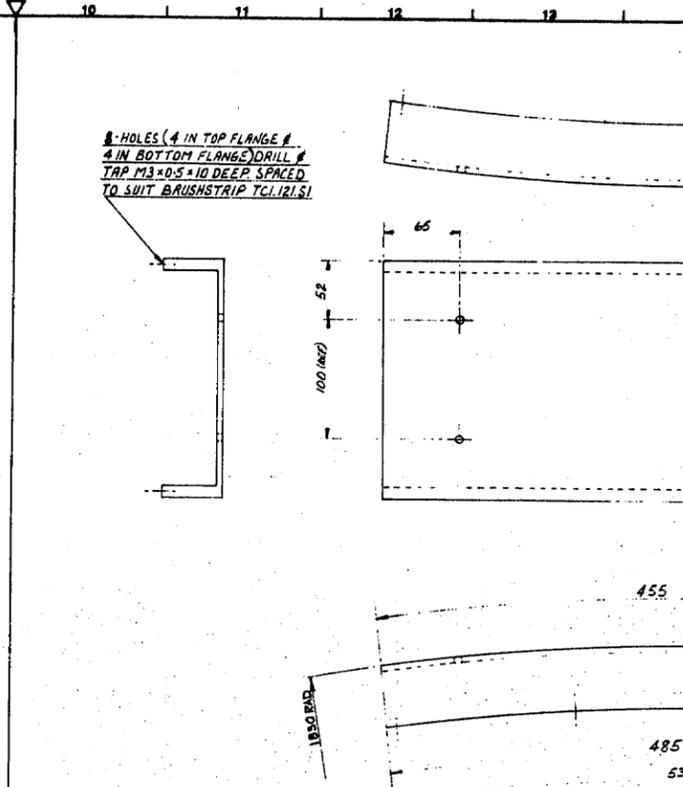
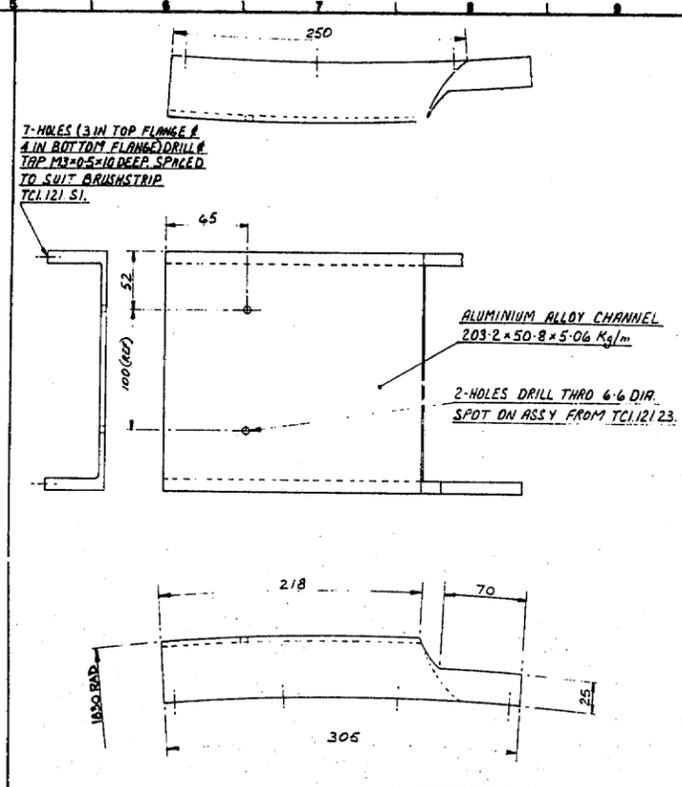
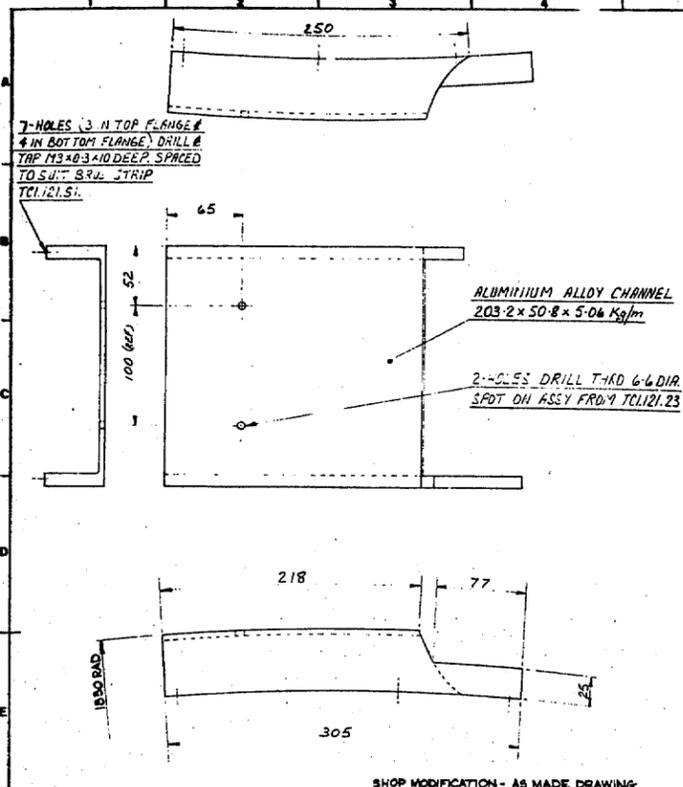
FREEHMAN FOX & PARTNERS
 APPROVED
 No. TCl.121.18
 Date 26-1-1983

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD NO. 118764	MATERIAL CLEAR PLEXEX
		FIRST ISSUE DATE	FINISH NATURAL
		COST ACCOUNT 121	PART NO.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE WINDOW	
		WEIGHT	SCALE 1/4
		No. OFF PER SET	UNIT No. TCl.121.18
			SHEET A.

AS BUILT DRAWINGS
 This drawing shows as made in the work



A member of Clarke Chapman and Reynolds Parsons THIS DRAWING CONFORMS TO B.S. 308	SURFACE FINISH EQUIVALENTS DIMENSIONS UP TO 250 : 0.10 DIMENSIONS FROM 250 TO 500 : 0.15 DIMENSIONS FROM 500 TO 1000 : 0.20 DIMENSIONS FROM 1000 TO 2000 : 0.30 DIMENSIONS FROM 2000 TO 5000 : 0.40 DIMENSIONS FROM 5000 TO 10000 : 0.50	SURFACE FINISH SYMBOLS ✓ DENOTES NOT NECESSARILY MACHINED ✗ DENOTES MACHINED	WELD SYMBOLS TO BS 499 PART 2 1969	FABRICATION TOLERANCES DIMENSIONS UP TO 250 : ± 0.10 DIMENSIONS FROM 250 TO 500 : ± 0.15 DIMENSIONS FROM 500 TO 1000 : ± 0.20 DIMENSIONS FROM 1000 TO 2000 : ± 0.30 DIMENSIONS FROM 2000 TO 5000 : ± 0.40 DIMENSIONS FROM 5000 TO 10000 : ± 0.50	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 ANGLES : SCREEN THREADS TO B.S. 3043 PART 2 MEDIUM FIT MACHINED DIA CONCENTRIC TO 0.1 F.T.R.	PROJECTION CHECKED 3rd ANGLE DRAWN DATE 8/1/83	GRUBB PARSONS NEWCASTLE UPON TYNE NE6 2YB DETAILS OF AZIMUTH DRIVE GEARWHEEL COVER SHEET 18 OF 18
	TCl.121.18							



SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL EXTENSION	WEIGHT 1 kg	SCALE 1/2
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.19	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.19 Rev. A
Date 22-6-1983 by CPE

SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL EXTENSION	WEIGHT 1 kg	SCALE 1/2
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.20	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.20 Rev. A
Date 22-6-1983 by CPE

SHOP MODIFICATION - AS MADE DRAWING

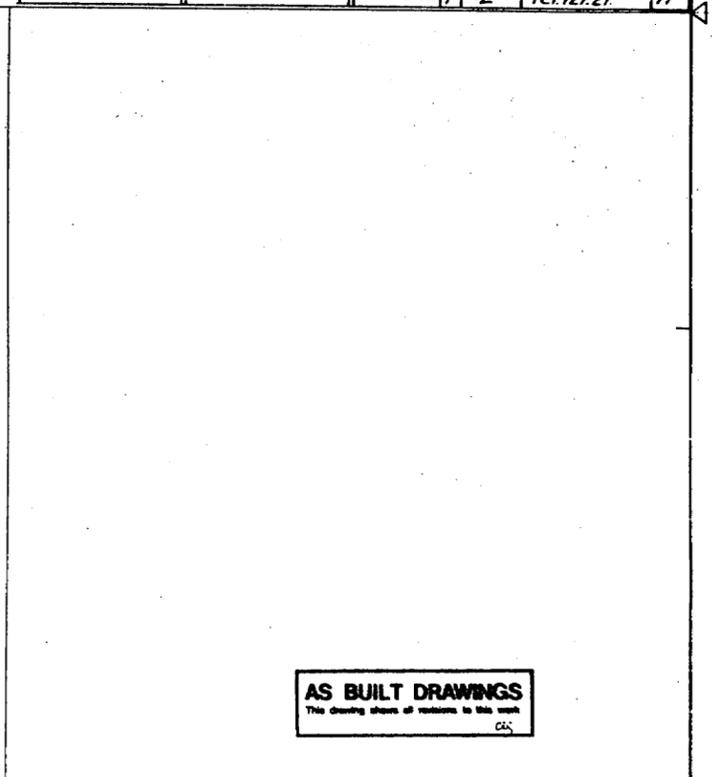
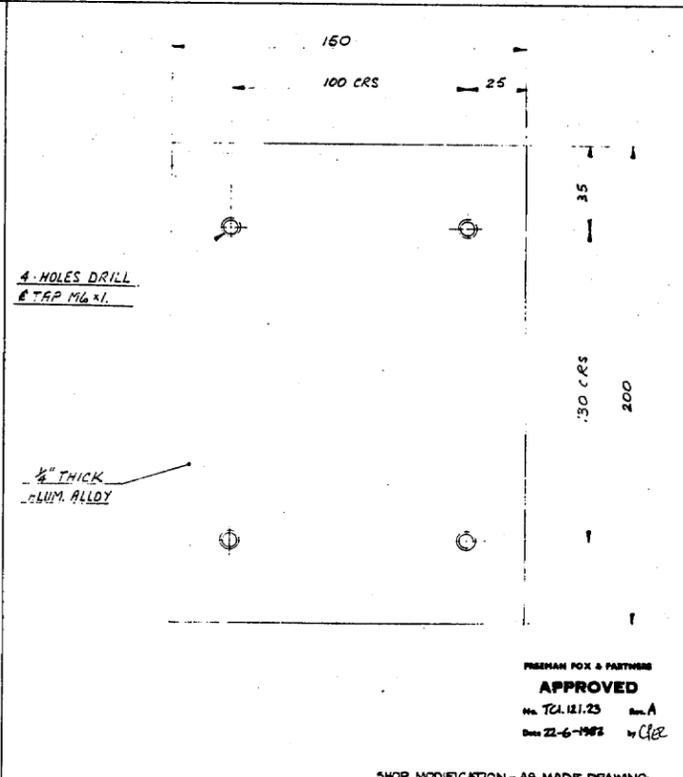
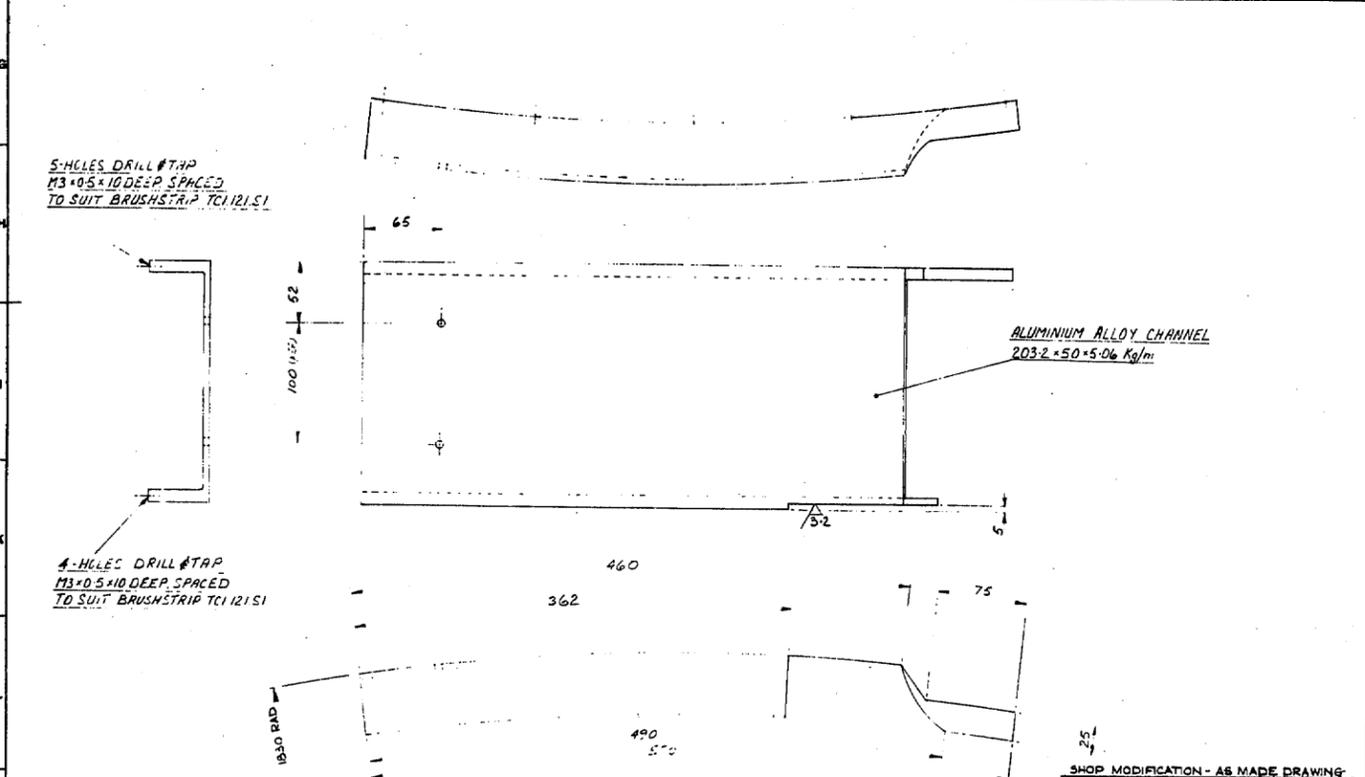
DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL EXTENSION	WEIGHT 2.5 kg	SCALE 1/2
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.21	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.21 Rev. A
Date 22-6-1983 by CPE

SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL EXTENSION	WEIGHT 2.5 kg	SCALE 1/2
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.21	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.21 Rev. A
Date 22-6-1983 by CPE



SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE SEAL SUPPORT CHANNEL EXTENSION	WEIGHT 2.5 kg	SCALE 1/2
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.22	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.22 Rev. A
Date 22-6-1983 by CPE

SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY CHANNEL 203.2 x 50.8 x 5.06 Kg/m	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE BUTT CONNECTING PLATE	WEIGHT 0.80 kg	SCALE 1:1
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.23	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.23 Rev. A
Date 24-5-83 by CPE

SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY 1/4" THICK	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE BUTT CONNECTING PLATE	WEIGHT 0.80 kg	SCALE 1:1
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.23	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.23 Rev. A
Date 24-5-83 by CPE

SHOP MODIFICATION - AS MADE DRAWING

DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 11876-A	MATERIAL ALUM. ALLOY 1/4" THICK	FINISH DARK GREEN 14C39
DATE OF MOD MODIFIED BY	FIRST ISSUE DATE	COST ACCOUNT 121	PART No.
DATE OF MOD MODIFIED BY	TITLE BUTT CONNECTING PLATE	WEIGHT 0.80 kg	SCALE 1:1
DATE OF MOD MODIFIED BY	UNIT No. TCI.121.23	ISSUE No. OFF PER SET 1	ISSUE A

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.121.23 Rev. A
Date 24-5-83 by CPE

AS BUILT DRAWINGS
This drawing shows the status of the work.