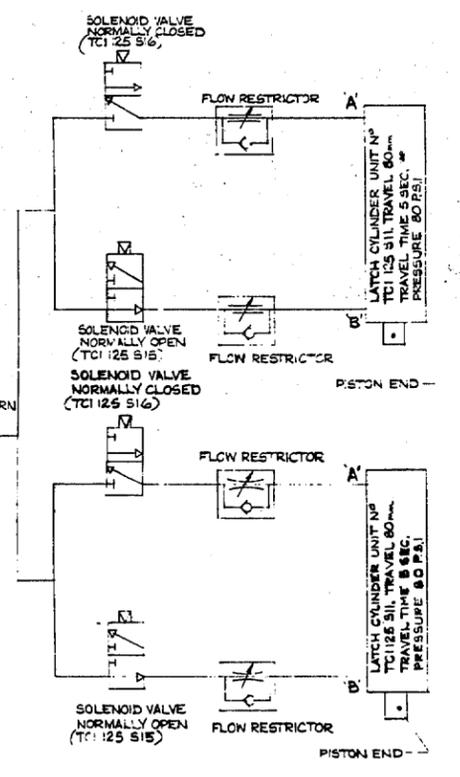
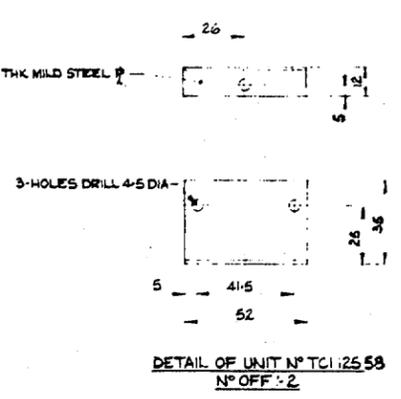
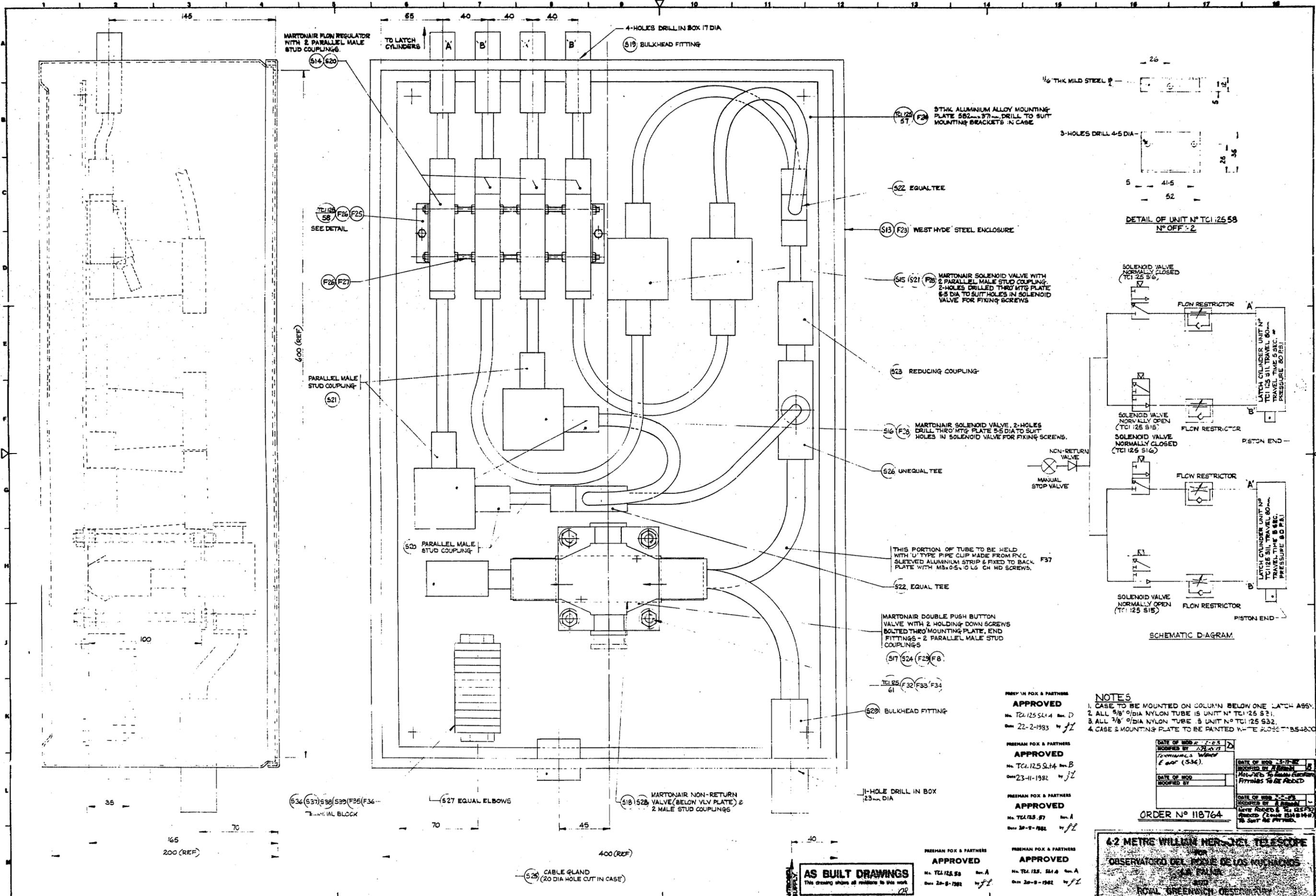


<p><b>SURFACE FINISH EQUIVALENTS</b></p> <p>MICRONS: 10 15 20 25 30 40 50 60 70 80 90 100 125 150 200</p> <p>RA: 0.4 0.8 1.6 3.2 6.3 12.5 25 50 100 200 400 800</p> <p>THIS DRAWING CONFORMS TO B.S. 209</p>	<p><b>SURFACE FINISH SYMBOLS</b></p> <p>✓ DENOTES NOT NECESSARILY MACHINED</p> <p>▽ DENOTES MACHINED</p>	<p><b>WELD SYMBOLS</b></p> <p>TO BS 499 PART 2 1969</p>	<p><b>FABRICATION TOLERANCES</b></p> <p>DIMENSIONS UP TO 300 ± 0.20</p> <p>DIMENSIONS FROM 300 TO 2500 ± 0.30</p> <p>ANGLES ± 1:600</p> <p>STRAIGHTNESS/FLATNESS ± 1:600</p>	<p>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.</p>	<p><b>GENERAL MACHINING TOLERANCES</b></p> <p>UNSPECIFIED DIMENSIONS: ± 0.10</p> <p>ANGLES: ± 0.5</p> <p>AND FINISHES: ± 0.05</p> <p>AND DECIMALS: ± 0.01</p>	<p><b>ALL DIMENSIONS ARE IN MILLIMETRES</b></p> <p>ANGLES: ± 0.5</p> <p>SCREW THREADS TO B.S. 1643 PART 2</p> <p>MEDIUM FIT</p> <p>MACHINED TO CONCSH. P.C. TO 0.1 T.I.R.</p>	<p><b>PROJECTION CHECKED</b></p> <p>3rd ANGLE</p>	<p><b>DRAWN</b></p> <p>DATE</p>	<p><b>APPROVED</b></p> <p>DATE</p>	<p><b>TITLE</b></p> <p>ASSEMBLY OF REVOLVING FLOOR</p>	<p><b>SCALE</b></p> <p>1:1</p>	<p><b>DRAWING NUMBER</b></p> <p>TOL. 133.05</p>	<p><b>SHEET</b></p> <p>2 of 4</p>





**APPROVED**  
 No. TC1 125 54.4 Rev. D  
 Date 22-2-1983 by JZ  
**APPROVED**  
 No. TC1 125 54.4 Rev. B  
 Date 23-11-1982 by JZ  
**APPROVED**  
 No. TC1 125 57 Rev. A  
 Date 20-8-1982 by JZ  
**APPROVED**  
 No. TC1 125 58 Rev. A  
 Date 20-8-1982 by JZ

**NOTES**  
 1. CASE TO BE MOUNTED ON COLUMN BELOW ONE LATCH ASSY.  
 2. ALL 5/8" O/DIA NYLON TUBE IS UNIT NO TC1 125 53.1  
 3. ALL 3/8" O/DIA NYLON TUBE IS UNIT NO TC1 125 53.2  
 4. CASE & MOUNTING PLATE TO BE PAINTED WHITE GLOSS TO BS 4800

DATE OF MOD. 1-8-85  
 MODIFIED BY JZ  
 REASON FOR MOD. 6.00" (534)  
 DATE OF MOD. 3-7-84  
 MODIFIED BY JZ  
 REASON FOR MOD. Min. Vlv. to allow for flow  
 Fittings to be added  
 DATE OF MOD. 2-7-83  
 MODIFIED BY JZ  
 REASON FOR MOD. None added & TC1 125 53.1  
 added (Case BS4800)  
 to suit fit.

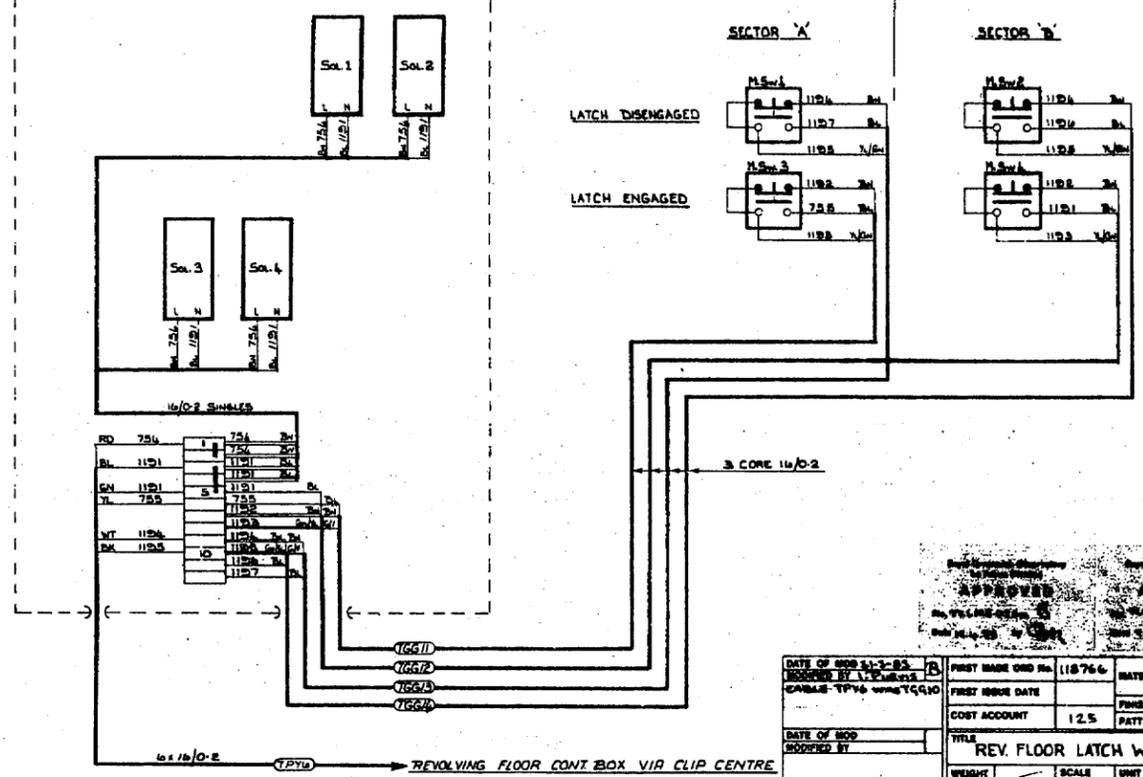
ORDER NO 118764

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

**4.2 METRE WILLIAM HERSCHEL TELESCOPE**  
**OBSERVATORY DEL. MADE BY J. GRUBB**  
**ROYAL GREENWICH OBSERVATORY**

<b>SURFACE FINISH EQUIVALENTS</b> MICRONOMES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 FINISHES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 THIS DRAWING CONFORMS TO B.S. 308	<b>SURFACE FINISH SYMBOLS</b> DENOTES NOT NECESSARILY MACHINED DENOTES MACHINED	<b>WELD SYMBOLS</b> TO BS 499 PART 2 1060	<b>FABRICATION TOLERANCES</b> DIMENSIONS UP TO 250 ± 0.20 DIMENSIONS FROM 250 TO 2500 ± 0.30 DIMENSIONS FROM 2500 TO 5000 ± 0.50 DIMENSIONS OVER 5000 ± 1.00 STRAIGHTNESS/FLATNESS 1:100	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.	<b>PROJECTION CHECKED</b> 3rd ANGLE DATE 22-7-82	<b>DRAWN</b> A BROWN DATE 22-7-82	<b>GRUBB PARSONS</b> NEWCASTLE UPON TYNE NE6 2YB ASSEMBLY & DETAILS OF REVOLVING FLOOR LATCH CONTROL SYSTEM SCALE 1/1 SHEET 4 OF 4 TC1 125 ASSY
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FLOOR LATCH CONTROL BOX (TC1.125)

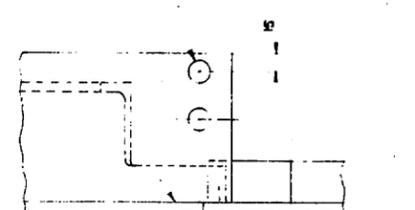
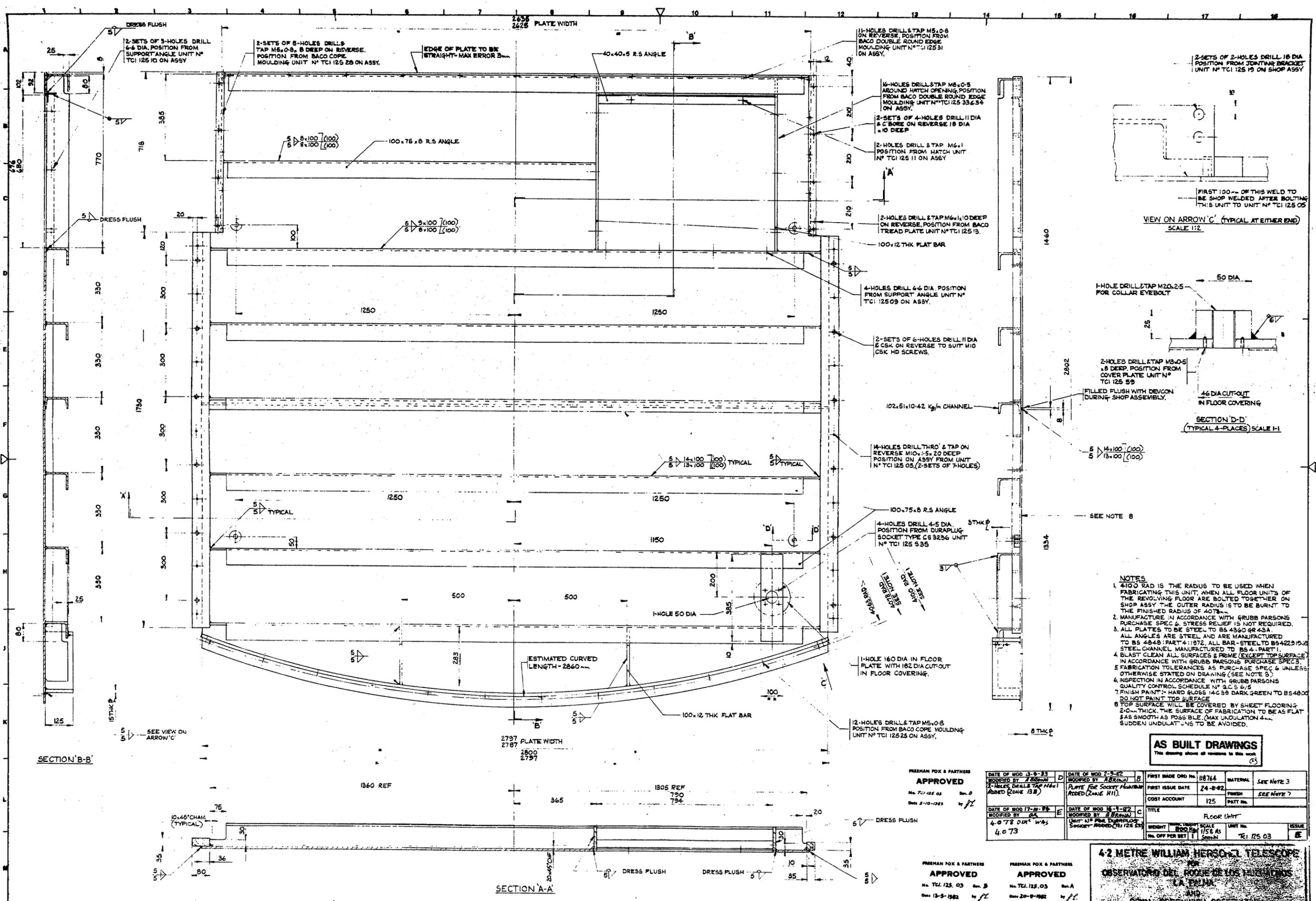


DATE OF MOD	MODIFIED BY	TITLE	WEIGHT	SCALE	UNIT No.	ISSUE
		REV. FLOOR LATCH WIRING DIAG.			TC1.125.02	

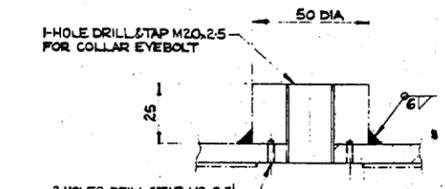
APPROVED

AS BUILT DRAWINGS





VIEW ON ARROW 'C' (TYPICAL AT EITHER END)  
SCALE 1:2



SECTION 'D-D' (TYPICAL 4-PLACES) SCALE 1:1

- NOTES**
- 4100 RAD IS THE RADIUS TO BE USED WHEN FABRICATING THIS UNIT, WHEN ALL FLOOR UNITS OF THE REVOLVING FLOOR ARE BOLTED TOGETHER ON SHOP ASSY THE OUTER RADIUS IS TO BE BURN'T TO THE FINISHED RADIUS OF 4078mm.
  - MANUFACTURE IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 6. STRESS RELIEF IS NOT REQUIRED.
  - ALL ANGLES ARE STEEL TO BS 4360 GR 43A. ALL ANGLES ARE STEEL AND ARE MANUFACTURED TO BS 4848 PART 4:1972. ALL BAR - STEEL TO BS 4229/52A. STEEL CHANNEL MANUFACTURED TO BS 4: PART 1.
  - BLAST CLEAN ALL SURFACES & PRIME (EXCEPT TOP SURFACE) IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 3.
  - FABRICATION TOLERANCES AS PURCHASE SPEC 6 UNLESS OTHERWISE STATED ON DRAWING (SEE NOTE 3).
  - INSPECTION IN ACCORDANCE WITH GRUBB PARSONS QUALITY CONTROL SCHEDULE N° 3.C.S.6/5.
  - FINISH PAINT - HARD GLOSS 14639 DARK GREEN TO BS 4800 DO NOT PAINT TOP SURFACE.
  - TOP SURFACE WILL BE COVERED BY SHEET FLOORING 20mm THICK. THE SURFACE OF FABRICATION TO BE AS FLAT AS SMOOTH AS POSSIBLE (MAX UNDULATION 4mm). SUDDEN UNDULATIONS TO BE AVOIDED.

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

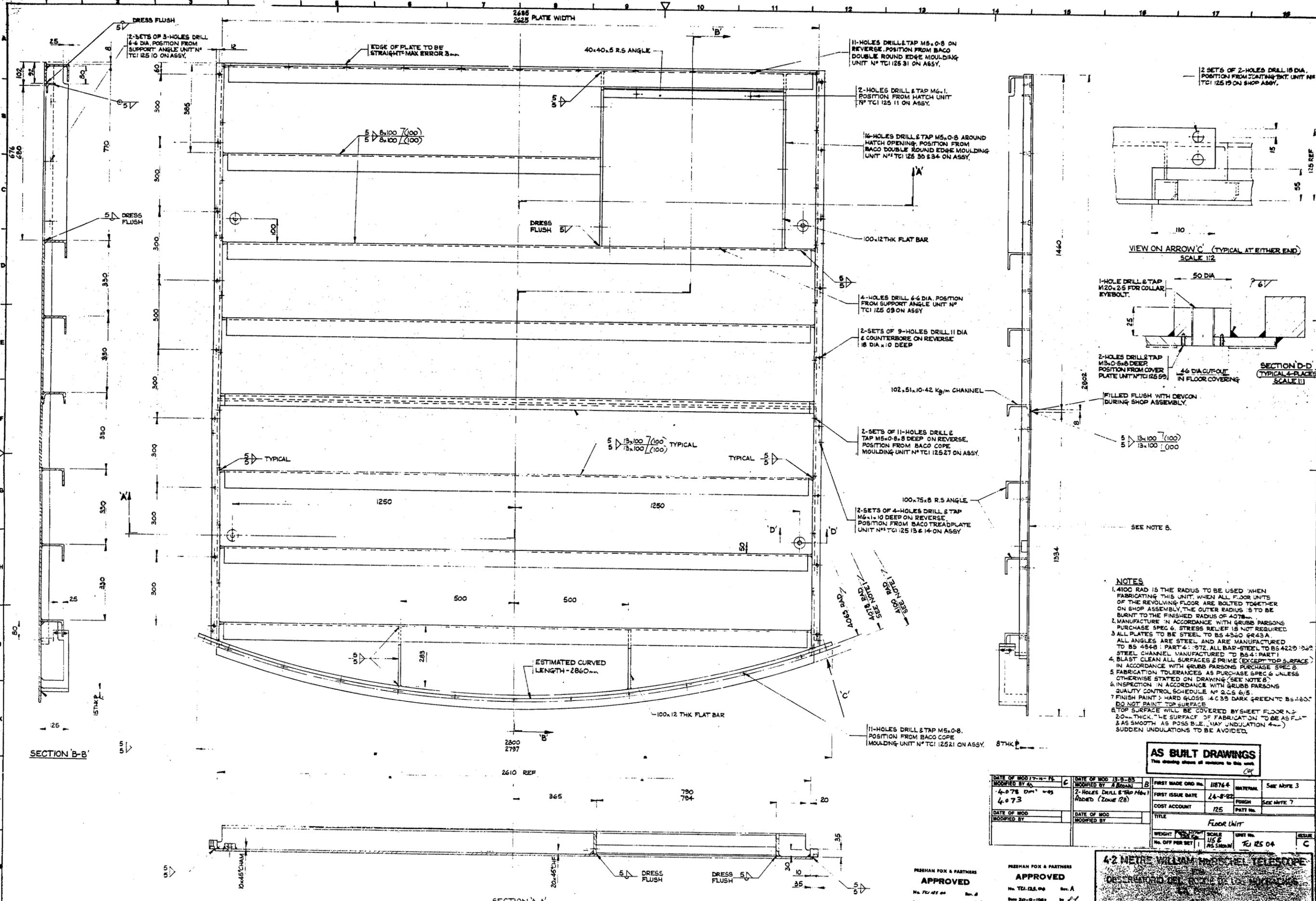
**APPROVED**  
No. TCI 125 03 Rev. 0  
Date 5-10-1982 by fl

**APPROVED**  
No. TCI 125 03 Rev. 1  
Date 20-8-1982 by fl

DATE OF MOD 13-9-83 MODIFIED BY J. Brown 2-HOLES DRILL TAP M6x1 HOLED (ZONE 13B)	DATE OF MOD 2-9-82 MODIFIED BY J. Brown PLATE FOR SOCKET HEAVY HOLED (ZONE 111)	FIRST MADE ORG NO 118764	MATERIAL SEE NOTE 3
DATE OF MOD 17-11-82 MODIFIED BY J. Brown 4-0 72 DIA W/4 4-0 73	DATE OF MOD 16-4-82 MODIFIED BY J. Brown UNIT 111 Plate Development Socket HOLED (CI 125 23)	FIRST ISSUE DATE 24-8-82	FINISH SEE NOTE 7
TITLE FLOOR UNIT		COST ACCOUNT 125	PART No.
WEIGHT 1158 AS No. OFF PER SET 1		UNIT No. TCI 125 03	ISSUE E

**4.2 METRE WILLIAM HERSCHEL TELESCOPE**  
FOR  
**OBSERVATORY DEL ROOPE DE LOS TERNOS**  
LA PALMA  
AND  
**ROYAL GREENWICH OBSERVATORY**

<b>SURFACE FINISH EQUIVALENTS</b> MICROINCHES 2 8 16 32 63 128 250 500 MICROMETRES 0.5 2 4 8 16 32 63 125 THIS DRAWING CONFORMS TO B.S. 308	<b>SURFACE FINISH SYMBOLS</b> ✓ DENOTES NOT NECESSARILY MACHINED ▽ DENOTES MACHINED	<b>WELD SYMBOLS</b> TO BS 499 PART 2 1967	<b>FABRICATION TOLERANCES</b> DIMENSIONS UP TO 250 ± 0.20 DIMENSIONS FROM 250 TO 2500 ± 0.30 DIMENSIONS OVER 2500 ± 0.50 ANGLES ± 0.50 STRAIGHTNESS/FLATNESS 1:1000	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.	<b>GENERAL MACHINING TOLERANCES</b> (EXCEPT WHERE STATED OTHERWISE) UNSPECIFIED DIMENSIONS ± 0.25 DIMENSIONS WITH OVER ± 0.25 ANY DIMENSION DIMENSIONS WITH OVER ± 0.1 AND DECIMAL SIGN.	<b>ALL DIMENSIONS ARE IN MILLIMETRES</b> ANGLES & SCREW THREADS TO B.S. 3643 PART 2 MEDIUM FIT MACHINED DIA CONCENTRIC TO D1 TIR	<b>PROJECTION CHECKED</b> 3rd ANGLE APPROVED DATE 25/4/82	<b>DRAWN</b> A BROWN DATE 25/4/82	<b>GRUBB PARSONS</b> NEWCASTLE UPON TYNE NE6 2YB SCALE DETAILS FOR REVOLVING FLOOR. T.C.I. 125.03
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- NOTES**
1. 4100 RAD IS THE RADIUS TO BE USED WHEN FABRICATING THIS UNIT. WHEN ALL FLOOR UNITS OF THE REVOLVING FLOOR ARE BOLTED TOGETHER ON SHOP ASSEMBLY, THE OUTER RADIUS IS TO BE BURNED TO THE FINISHED RADIUS OF 4078mm.
  2. MANUFACTURE IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 6. STRESS RELIEF IS NOT REQUIRED.
  3. ALL PLATES TO BE STEEL TO BS 4360 GR43A.
  4. ALL ANGLES ARE STEEL AND ARE MANUFACTURED TO BS 4848 - PART 4: 1972. ALL BAR STEEL TO BS 4229: 1969.
  5. STEEL CHANNEL MANUFACTURED TO BS 4: PART 1.
  6. BLAST CLEAN ALL SURFACES 2 PRIME (EXCEPT TOP SURFACE) IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 8.
  7. FABRICATION TOLERANCES AS PURCHASE SPEC 6 UNLESS OTHERWISE STATED ON DRAWING (SEE NOTE 8).
  8. INSPECTION IN ACCORDANCE WITH GRUBB PARSONS QUALITY CONTROL SCHEDULE NO 2.05 6/5.
  9. FINISH PAINT: HARD GLOSS 4.035 DARK GREEN TO BS 4800. DO NOT PAINT TOP SURFACE.
  10. TOP SURFACE WILL BE COVERED BY SHEET FLOORING 2.0mm THICK. THE SURFACE OF FABRICATION TO BE AS FLAT & AS SMOOTH AS POSSIBLE. ANY UNDULATION (4mm) SUDDEN UNDULATIONS TO BE AVOIDED.

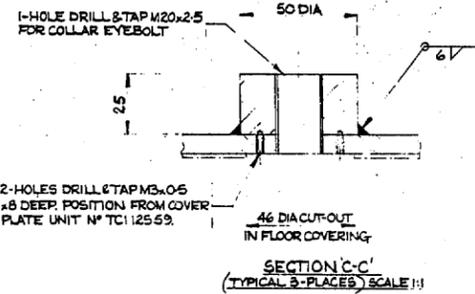
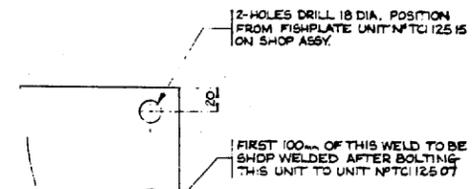
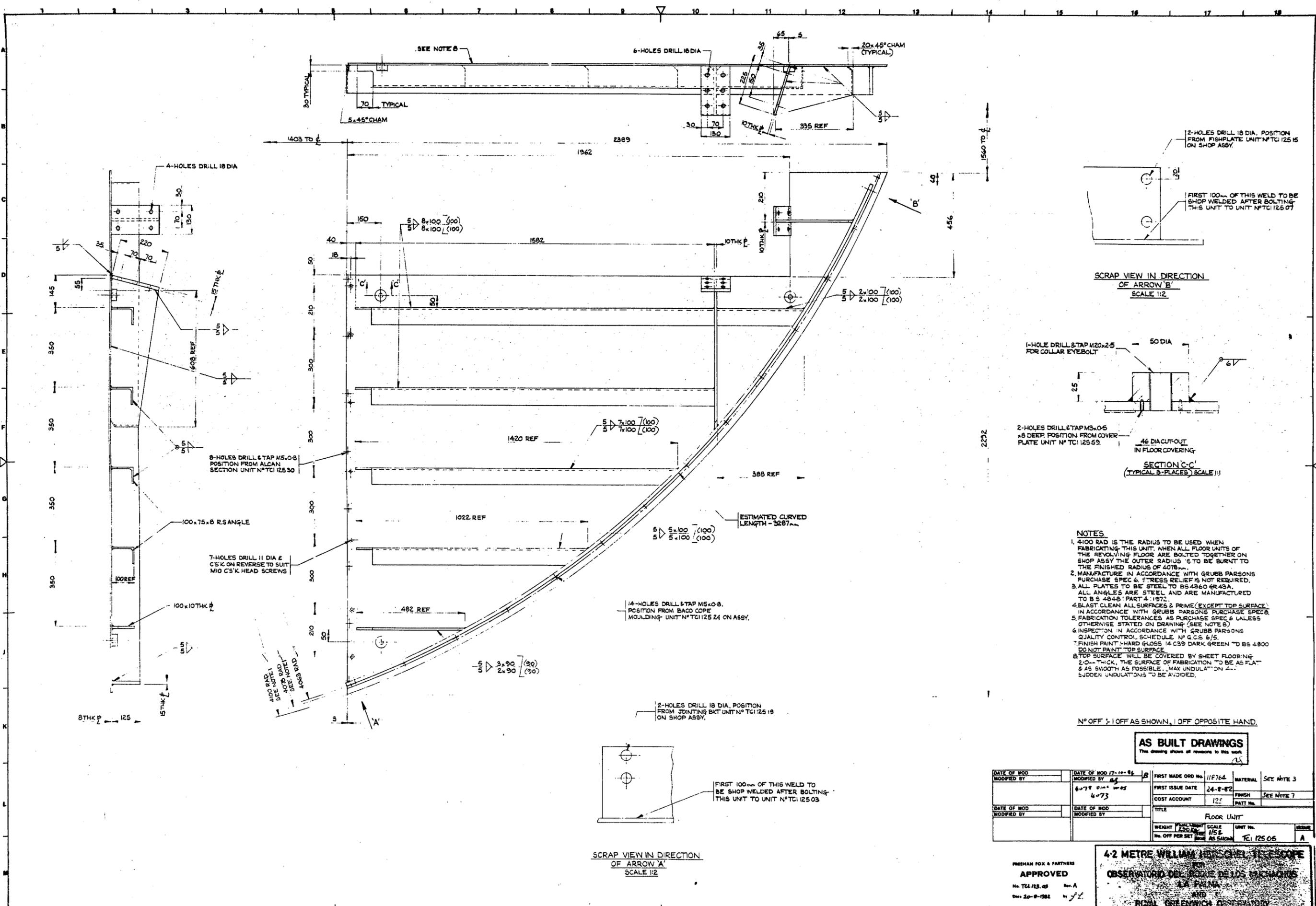
**AS BUILT DRAWINGS**  
This drawing shows all revisions to this unit.

DATE OF MODIFIED BY	DATE OF MODIFIED BY	FIRST MADE ORG NO.	INTERNAL	SEE NOTE 3
4.0.78 DM 1-89	4.0.78 DM 1-89	118744		
4.0.73	4.0.73	FIRST ISSUE DATE	24-8-82	SEE NOTE 7
		COST ACCOUNT	125	PATT NO.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE	Floor Unit	
		WGT	115.8	UNIT NO.
		SCALE	AS SHOWN	ISSUE
		No. OFF PER SET	1	TCI 125 04

FRESHMAN FOX & PARTNERS  
**APPROVED**  
No. TC1 125 04 Rev. A  
Date 20-8-1982

**4.2 METRE WILLIAM SHARPE TELESCOPE**  
DESIGNED BY  
ROYAL GREENWICH OBSERVATORY

<p><b>SURFACE FINISH EQUIVALENTS</b></p> <p>INCHES: 1/4 1/2 3/4 1 1 1/2 2 2 1/2 3 3 1/2 4</p> <p>MILLIMETRES: 6 12 19 25 32 38 50 63 76 90 113 127 151 178 203 254</p> <p>THIS DRAWING CONFORMS TO B.S. 308</p>	<p><b>SURFACE FINISH SYMBOLS</b></p> <p>✓ DENOTES NOT NECESSARILY MACHINED</p> <p>✗ DENOTES MACHINED</p>	<p><b>WELD SYMBOLS</b></p> <p>TO BS 489 PART 2 1980</p>	<p><b>FABRICATION TOLERANCES</b></p> <p>DIMENSIONS UP TO 250 ± 0.20</p> <p>DIMENSIONS FROM 250 TO 2800 ± 0.30</p> <p>ANGLES ± 1.000</p> <p>STRAIGHTNESS/FLATNESS 1:200</p>	<p>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.</p>	<p><b>GENERAL MACHINING TOLERANCES</b> (EXCEPT WHERE STATED OTHERWISE)</p> <p>UNSPECIFIED DIMENSIONS ± 0.2</p> <p>DIMENSIONS WITH DECIMALS ± 0.1</p> <p>DIMENSIONS WITH OVER ± 0.1</p>	<p>ALL DIMENSIONS ARE IN MILLIMETRES</p> <p>ANGLES ±</p> <p>SCREW THREADS TO B.S. 3843 PART 2 MEDIUM FIT</p> <p>MACHINED DIA CONCENTRIC TO D1 T.J.R.</p>	<p>PROJECTION CHECKED 3rd ANGLE</p> <p>DATE 18-6-82</p>	<p>DRAWN A BROWN</p> <p>DATE 18-6-82</p>	<p><b>GRUBB PARSONS</b> NEWCASTLE UPON TYNE NE6 2YB</p> <p>TITLE DETAILS FOR REVOLVING FLOOR</p> <p>SCALE</p> <p>DRAWING NUMBER TCI 125 04</p> <p>SHEET 1 OF 1</p>
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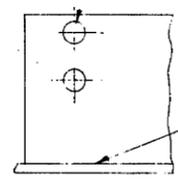


- NOTES**
- 4000 RAD IS THE RADIUS TO BE USED WHEN FABRICATING THIS UNIT. WHEN ALL FLOOR UNITS OF THE REVOLVING FLOOR ARE BOLTED TOGETHER ON SHOP ASSY THE OUTER RADIUS IS TO BE BURN'T TO THE FINISHED RADIUS OF 4078mm.
  - MANUFACTURE IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 6. STRESS RELIEF IS NOT REQUIRED.
  - ALL PLATES TO BE STEEL TO BS 4860 GR 43A. ALL ANGLES ARE STEEL AND ARE MANUFACTURED TO BS 4848 PART 1 1972.
  - BLAST CLEAN ALL SURFACES & PRIME (EXCEPT TOP SURFACE) IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC 6.
  - FABRICATION TOLERANCES AS PURCHASE SPEC 6 UNLESS OTHERWISE STATED ON DRAWING (SEE NOTE 6).
  - INSPECTION IN ACCORDANCE WITH GRUBB PARSONS QUALITY CONTROL SCHEDULE N° QCS 6/5.
  - FINISH PAINT: HARD GLOSS 14 C39 DARK GREEN TO BS 4800 DO NOT PAINT TOP SURFACE.
  - TOP SURFACE WILL BE COVERED BY SHEET FLOORING 2.0mm THICK. THE SURFACE OF FABRICATION TO BE AS FLAT & AS SMOOTH AS POSSIBLE. MAX UNDULATION 2mm. SUDDEN UNDULATIONS TO BE AVOIDED.

N° OFF ± 1 OFF AS SHOWN, 1 OFF OPPOSITE HAND.

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

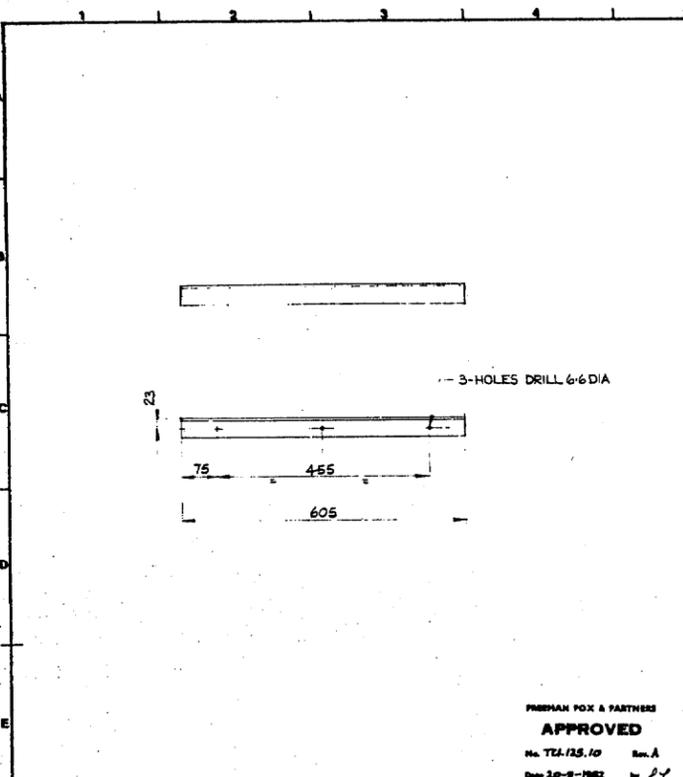
DATE OF MOD MODIFIED BY	DATE OF MOD 17-11-86 MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL	SEE NOTE 3
		FIRST ISSUE DATE 24-8-82	FINISH	SEE NOTE 7
		COST ACCOUNT 125	PART No.	
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE FLOOR UNIT		
		WEIGHT 230kg	SCALE 1/5	UNIT No. TCI 125 05
		No. OFF PER SET	AS SHOWN	ISSUE A



SCRAP VIEW IN DIRECTION OF ARROW 'A' SCALE 1:2

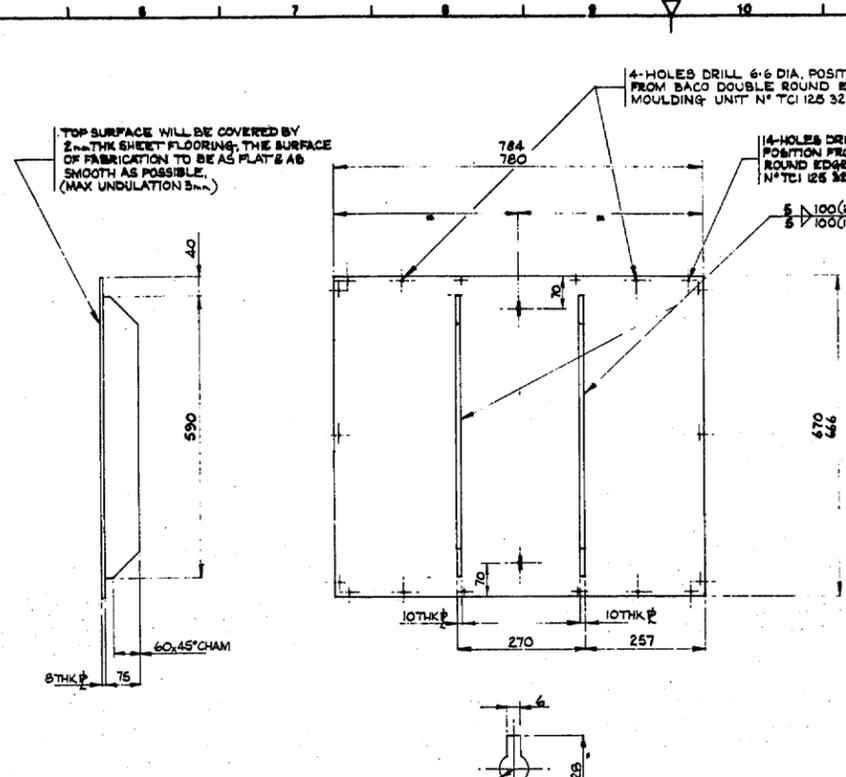






FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.10 Rev. A  
 Date 20-8-1982 by JZ

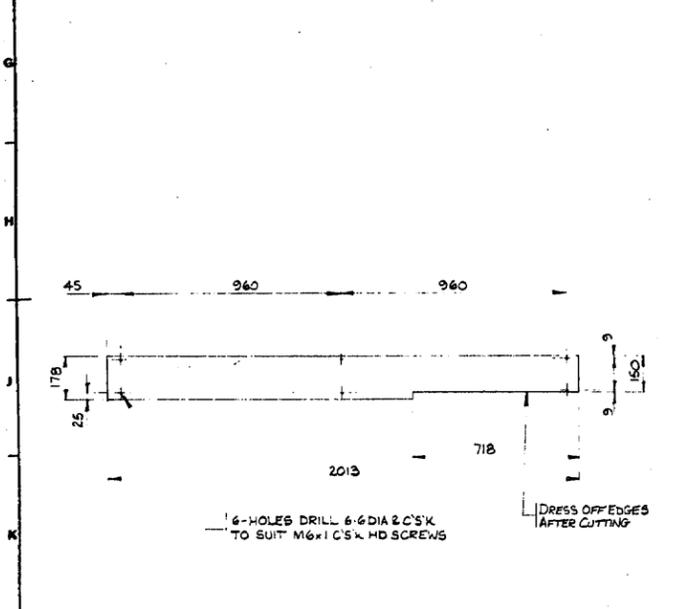
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 40x40x5THK R.S ANGLE
		FIRST ISSUE DATE 24-8-82	FINISH BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		COST ACCOUNT 125	PATT No.
TITLE Support ANGLE			
WEIGHT 1.6 Kg	SCALE 1/5	UNIT No. TC1 125.10	ISSUE A
No. OFF PER SET 4			



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.11 Rev. A  
 Date 5-10-1982 by JZ

DETAIL OF LIFTING HOLE  
 (2-OFF) SCALE 1:1

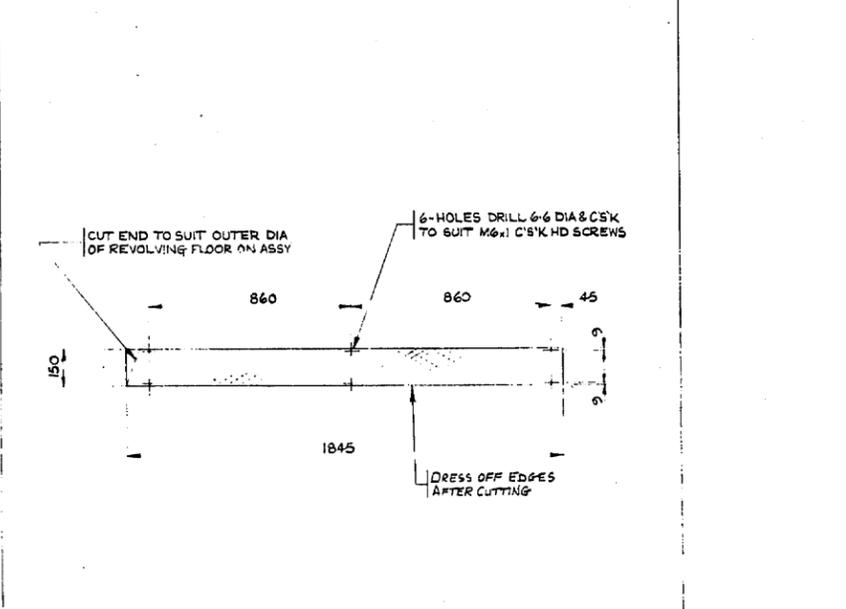
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		FIRST ISSUE DATE 24-8-82	FINISH SEAMITE 5
		COST ACCOUNT 125	PATT No.
TITLE HATCH COVER			
WEIGHT 39.6 Kg	SCALE 1/5	UNIT No. TC1 125.11	ISSUE B
No. OFF PER SET 2			



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.13 Rev. B  
 Date 27-8-1982 by JZ

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.13 Rev. A  
 Date 20-8-1982 by JZ

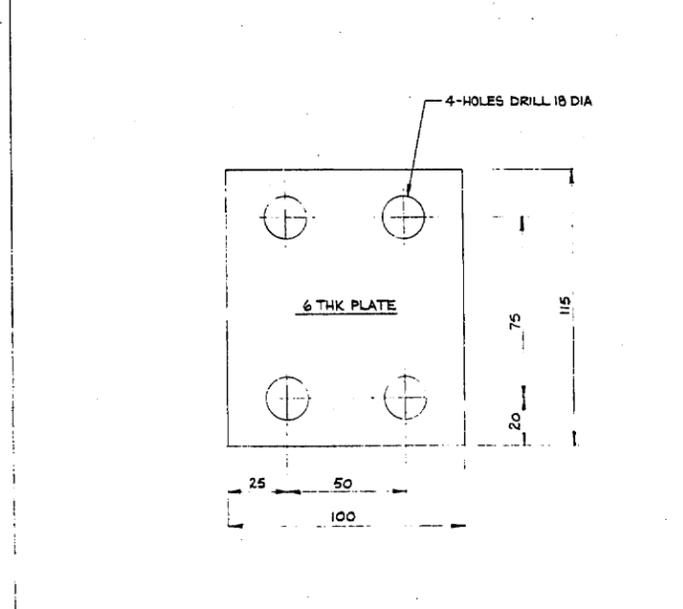
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 40x40x5THK R.S ANGLE
		FIRST ISSUE DATE 24-8-82	FINISH BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		COST ACCOUNT 125	PATT No.
TITLE TREADPLATE			
WEIGHT 9.2 Kg	SCALE 1/10	UNIT No. TC1 125.13	ISSUE B
No. OFF PER SET 2			



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.14 Rev. B  
 Date 27-8-1982 by JZ

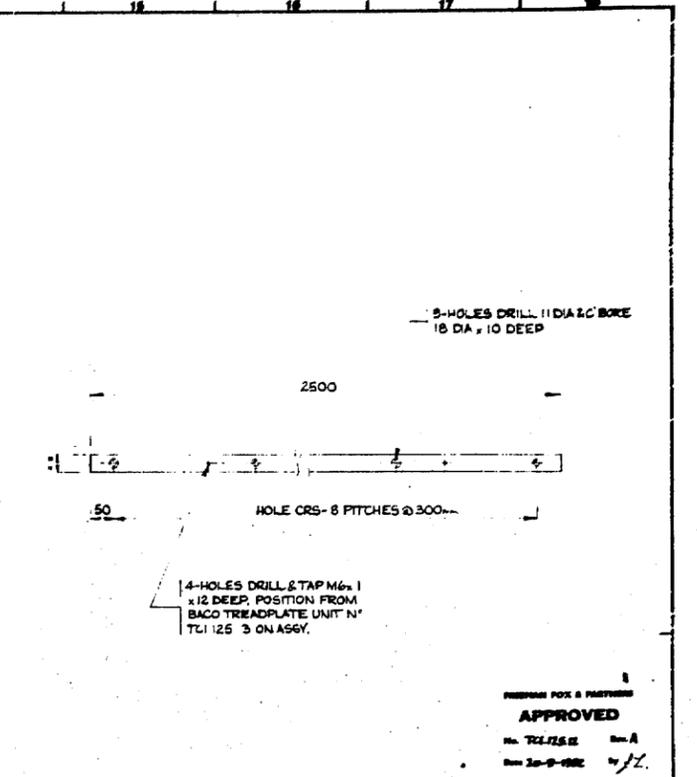
FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.14 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		FIRST ISSUE DATE 24-8-82	FINISH NATURAL
		COST ACCOUNT 125	PATT No.
TITLE TREADPLATE			
WEIGHT 7.5 Kg	SCALE 1/10	UNIT No. TC1 125.14	ISSUE B
No. OFF PER SET 2			



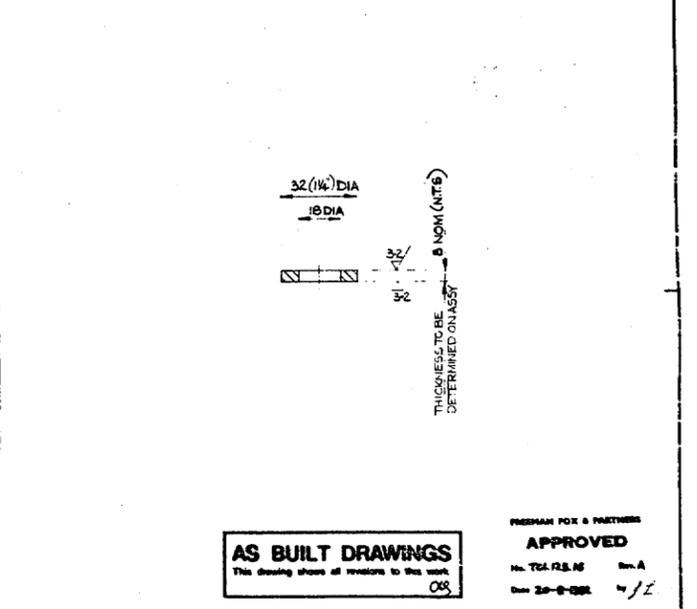
FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.15 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CRONUM STEEL
		FIRST ISSUE DATE 24-8-82	FINISH BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		COST ACCOUNT 125	PATT No.
TITLE HATCH COVER			
WEIGHT 0.54 Kg	SCALE 1/1	UNIT No. TC1 125.15	ISSUE A
No. OFF PER SET 4			



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TC1 125.12 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 35 SQUARE BAR 20 CRONUM STEEL
		FIRST ISSUE DATE 24-8-82	FINISH BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		COST ACCOUNT 125	PATT No.
TITLE WASHER 5MM			
WEIGHT 24 Kg	SCALE 1/10	UNIT No. TC1 125.12	ISSUE A
No. OFF PER SET 2			

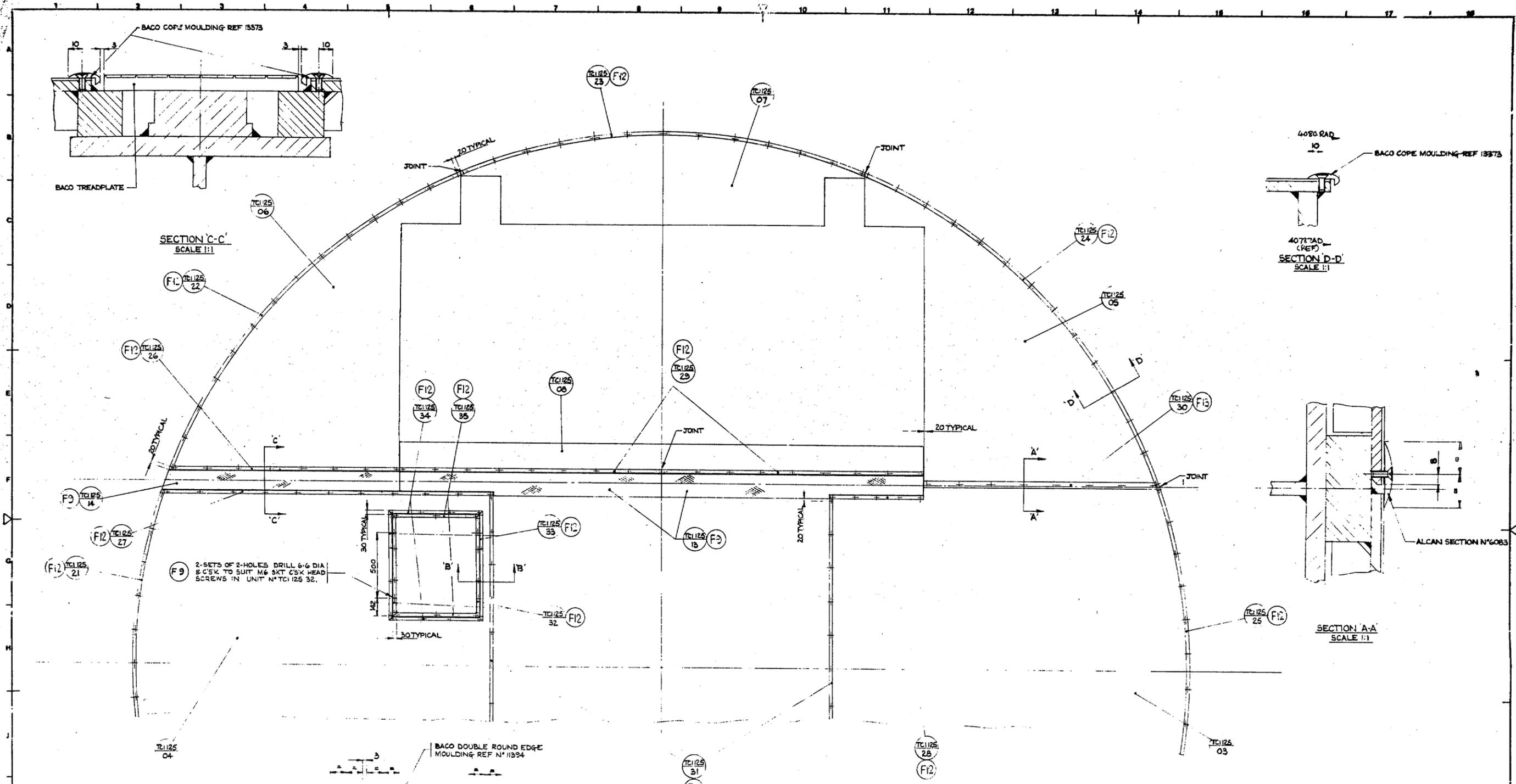


**AS BUILT DRAWINGS**  
 This drawing shows all revisions to this work.  
 OS

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CRONUM STEEL
		FIRST ISSUE DATE 24-8-82	FINISH NATURAL
		COST ACCOUNT 125	PATT No.
TITLE WASHER 5MM			
WEIGHT 1.56 Kg	SCALE 1/1	UNIT No. TC1 125.16	ISSUE
No. OFF PER SET 2			

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 40x40x5THK R.S ANGLE
		FIRST ISSUE DATE 24-8-82	FINISH BACD TREADPLATE UNIT N° TC1 125 3 ON ASSY
		COST ACCOUNT 125	PATT No.
TITLE TREADPLATE			
WEIGHT 9.2 Kg	SCALE 1/10	UNIT No. TC1 125.13	ISSUE B
No. OFF PER SET 2			





F 9 2-SETS OF 2-HOLES DRILL 6.6 DIA & C'SK TO SUIT M6 SKT C'SK HEAD SCREWS IN UNIT N°TCI 125 32.

UNIT N°	N° OFF	SECTION REF.	LENGTH (APPROX)	HOLES N°/OFF	REMARKS
TCI 125 21	1	BACO 13373	2700mm	11	
TCI 125 22	2	"	3300mm	14	ROLLED BY SUPPLIER ORDERED AS TCI 125 21 TO 65.
TCI 125 23	2	"	3200mm	13	
TCI 125 24	2	"	3300mm	14	SEE SK N°TCI 125/3499
TCI 125 25	1	"	2860mm	12	
TCI 125 26	2	"	1765mm	8	
TCI 125 27	2	"	2580mm	11	ORDERED AS TCI 125 26.
TCI 125 28	2	"	718mm	5	
TCI 125 29	4	"	2013mm	9	
TCI 125 30	2	ALCAN 6083	1800mm	6	ORDERED AS TCI 125 27.
TCI 125 31	2	BACO 11394	2600mm	11	
TCI 125 32	4	"	785mm	4	
TCI 125 33	4	"	845mm	4	ORDERED AS TCI 125 32.
TCI 125 34	4	"	730mm	4	
TCI 125 35	4	"	670mm	5	

NOTE  
LENGTHS QUOTED ARE APPROXIMATE. ACTUAL LENGTHS CUT TO SUIT ON ASSEMBLY. ALL HOLES ARE DRILLED & C'SK TO SUIT M6 C'SK HEAD SCREWS & ARE EQUALLY SPACED.

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

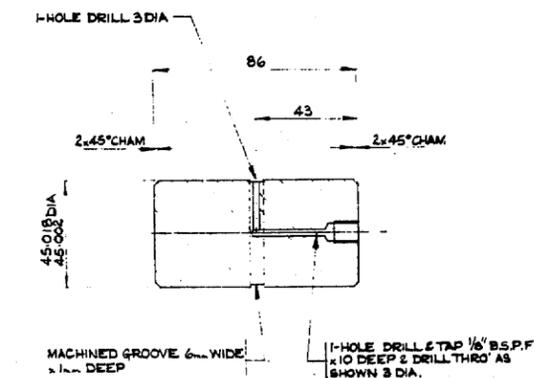
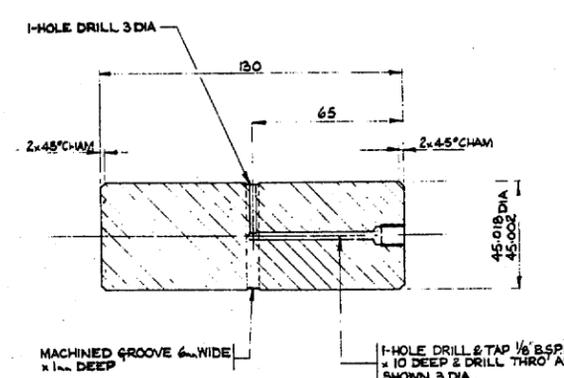
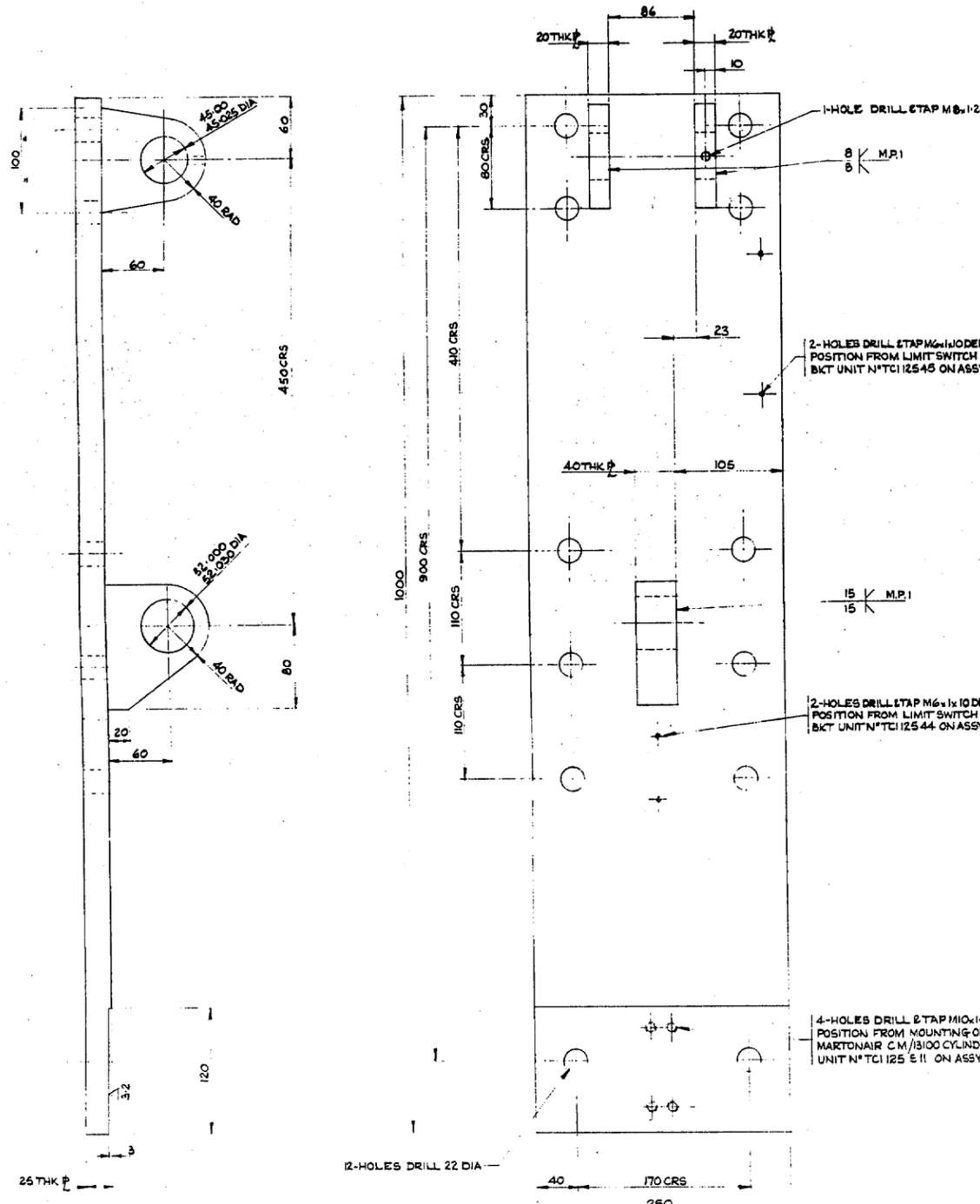
PREPARED FOR & PARTNERS  
**APPROVED**  
No. 721 125 21-35 Rev. B Date 5-10-1983

PREPARED FOR & PARTNERS  
**APPROVED**  
No. 721 125 21-35 Rev. A Date 29-8-1982

APPROX TOTAL WEIGHT OF ALUMINIUM SECTION = 15.4 Kg

DATE OF MOD. 2-1-83	MODIFIED BY JACOBSON	FIRST MADE ORD No. 118764	MATERIAL SEE TRIM'E
2-SETS OF 2-HOLES DRILL 6.6 DIA ADDED TO TCI 125 21	TCI 125 21 ROLLED (CHECK)	FIRST ISSUE DATE 2-8-82	FINISH MAT'NOL.
DATE OF MOD. MODIFIED BY	TITLE FLOOR TRIM.	COST ACCOUNT 125	PART No.
WEIGHT See Remark	SCALE 1/100 AS SHOWN	UNIT No. TCI 125 21-35	ISSUE 8
NO. OFF PER SET	REVISION	DATE	BY
	A BROWN	8-7-82	

**GRUBB PARSONS** NEWCASTLE UPON TYNE NE6 8YE  
DETAILS FOR REVOLVING FLOOR



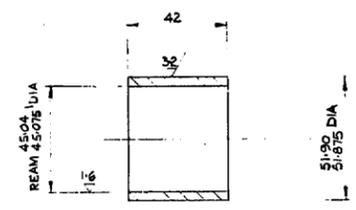
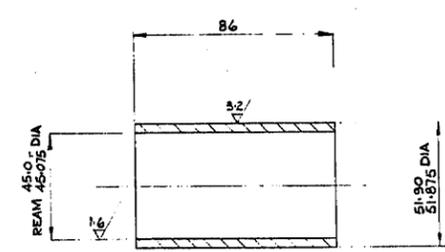
FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 125 37 Rev. A  
 Date 20-8-1982 by JZ

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 125 38 Rev. A  
 Date 20-8-1982 by JZ

FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 125 36 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL BS 970 Free 1570 S.W.E.D. 0.00140 (1.2%)
		FIRST ISSUE DATE 24-8-82	FINISH Natural
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHAPY	
		WEIGHT 1.6kg	SCALE 1/1
		No. OFF PER SET 4	UNIT No. TCI 125 37
			ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL BS 970 Free 1570 S.W.E.D. 0.00140 (1.2%)
		FIRST ISSUE DATE 24-8-82	FINISH Natural
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SHAPY	
		WEIGHT 1.07kg	SCALE 1/1
		No. OFF PER SET 2	UNIT No. TCI 125 38
			ISSUE A



FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 125 40 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL Phosphor Bronze
		FIRST ISSUE DATE 24-8-82	FINISH Natural
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE Bush	
		WEIGHT 0.188kg	SCALE 1/1
		No. OFF PER SET 2	UNIT No. TCI 125 40
			ISSUE A

**NOTES**  
 FABRICATION IN ACCORDANCE WITH BS 5135:1974  
 STRESS RELIEF IS NOT REQUIRED.  
 GRIT BLAST & PAINT TO PURCHASE SPEC N° 8.  
 MAGNETIC PARTICLE INSPECTION TO BE TO BS 4397:1969  
 NO DETECTABLE CRACKS ALLOWED IN ANY WELDS.

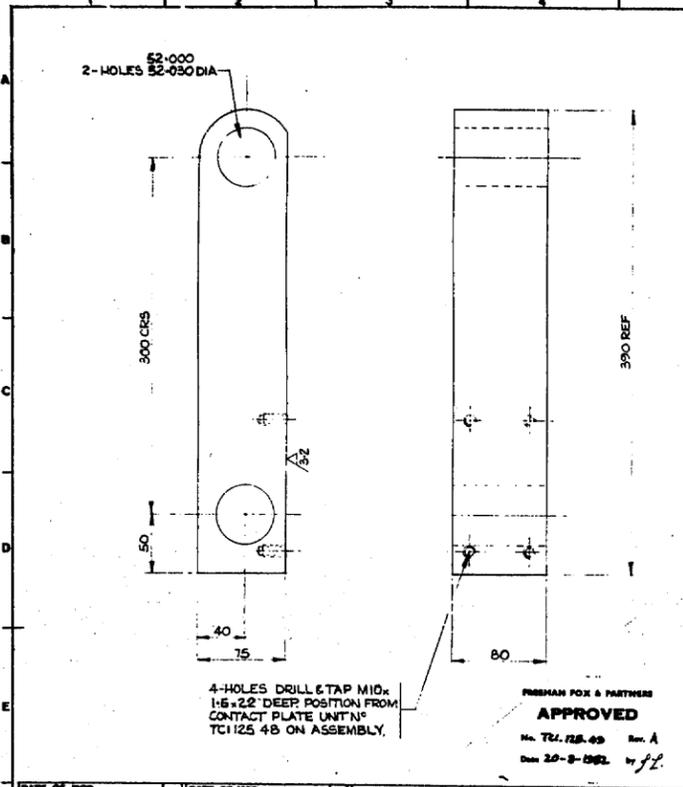
FREEMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI 125 36 Rev. A  
 Date 20-8-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL Steel BS 4360 Gr 43 A
		FIRST ISSUE DATE 24-8-82	FINISH Natural
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE Latch Mounting Plate	
		WEIGHT 53.3kg	SCALE 1/1
		No. OFF PER SET 2	UNIT No. TCI 125 36
			ISSUE A

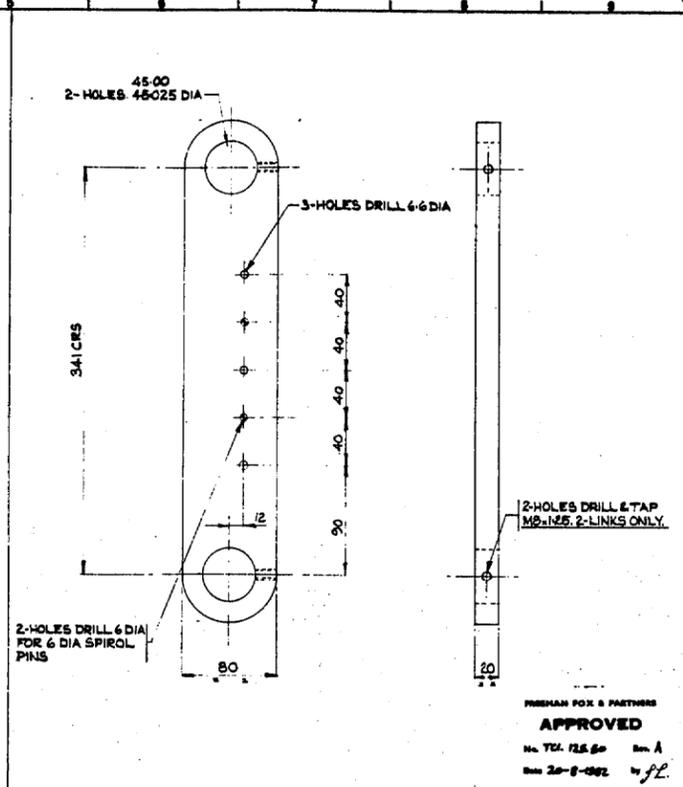
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		FIRST ISSUE DATE 24-8-82	FINISH Natural
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE Bush	
		WEIGHT 0.385kg	SCALE 1/1
		No. OFF PER SET 4	UNIT No. TCI 125 39
			ISSUE A

**42 METRE WILLIAM ROSSOMEL TELESCOPE**  
 DESIGNATED TELESCOPE OF THE ROYAL OBSERVATORY  
 AND  
 ROYAL GREENWICH OBSERVATORY

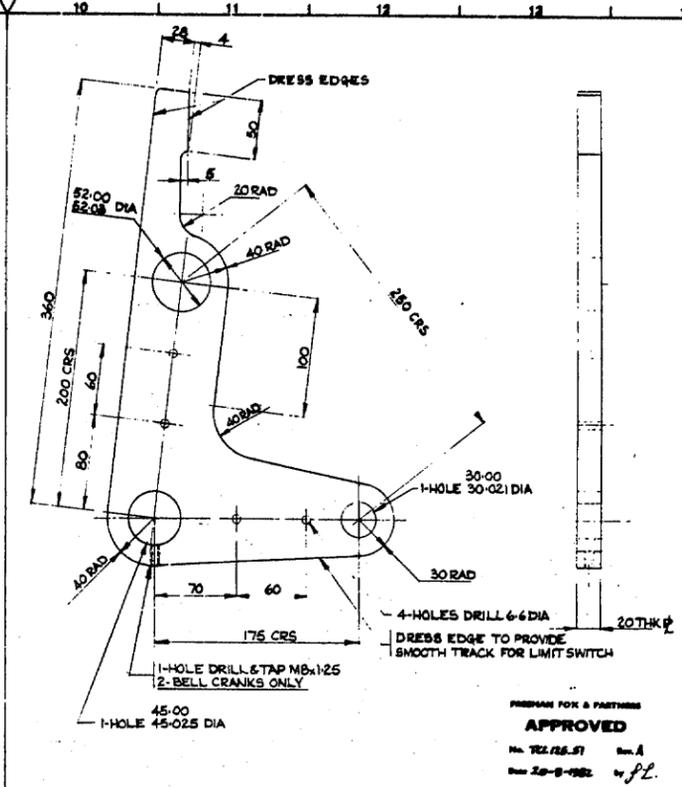




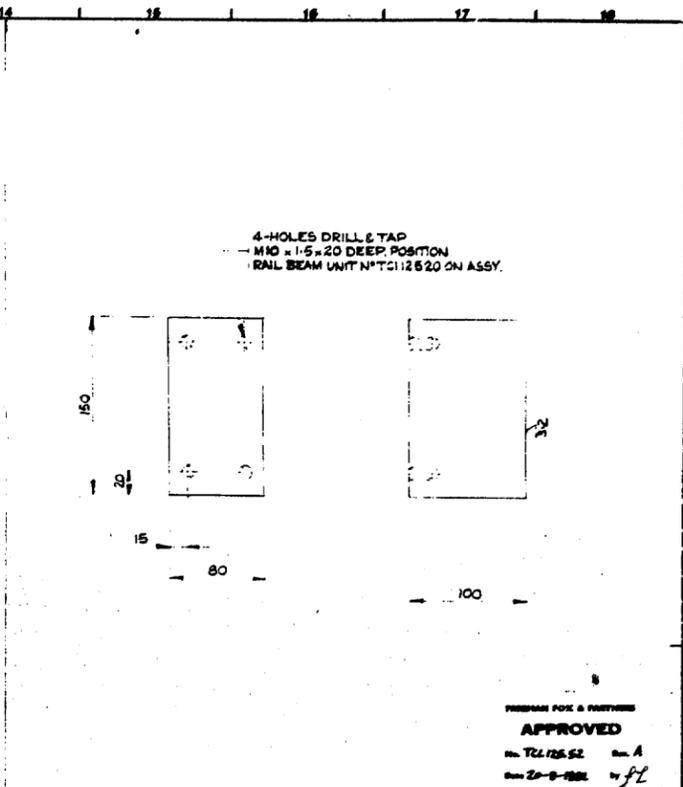
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE PIVOT LINK			
WEIGHT 16.5kg	SCALE 1/2	UNIT No. TC1 125 49	ISSUE A
No. OFF PER SET 2			



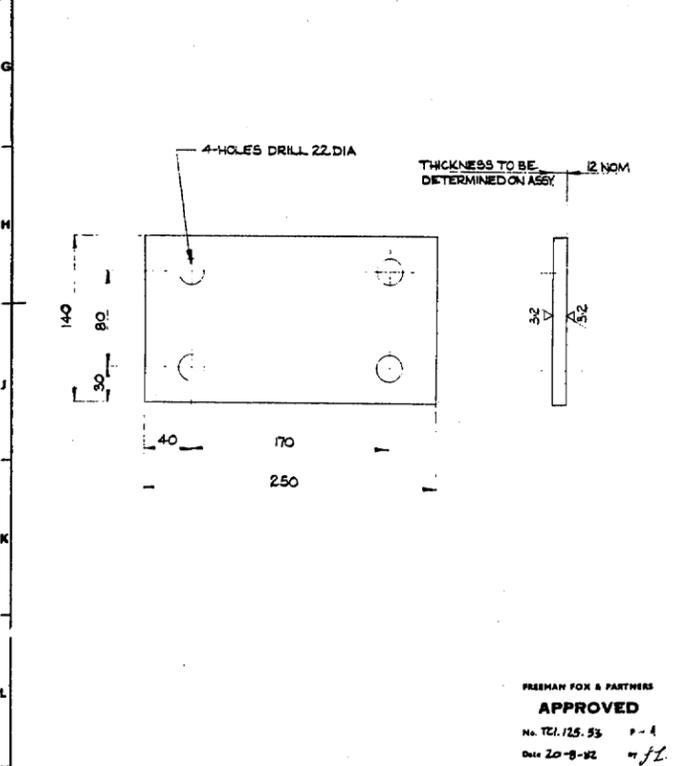
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE LINK			
WEIGHT 4.6kg	SCALE 1/2	UNIT No. TC1 125 50	ISSUE A
No. OFF PER SET 4			



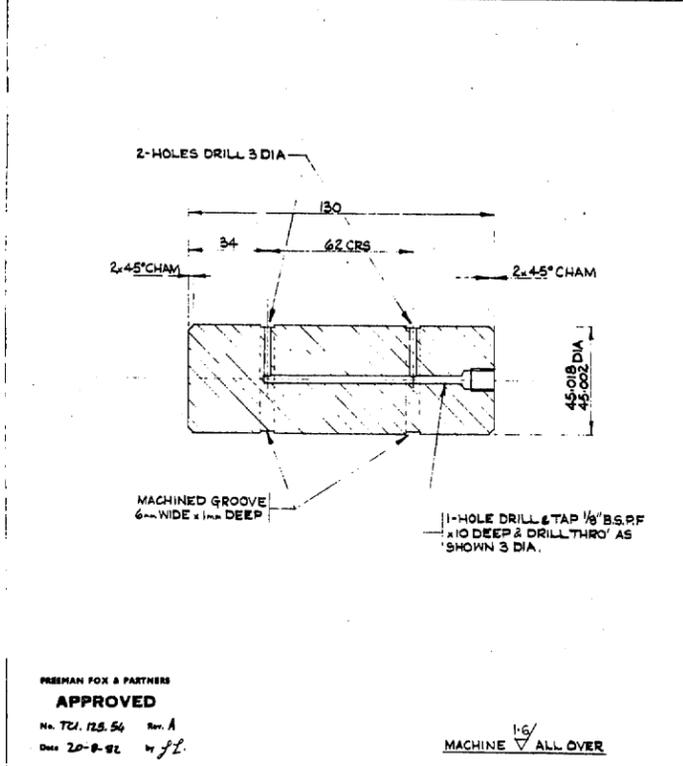
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE BELL CRANK			
WEIGHT 5.5kg	SCALE 1/2	UNIT No. TC1 125 51	ISSUE A
No. OFF PER SET 4			



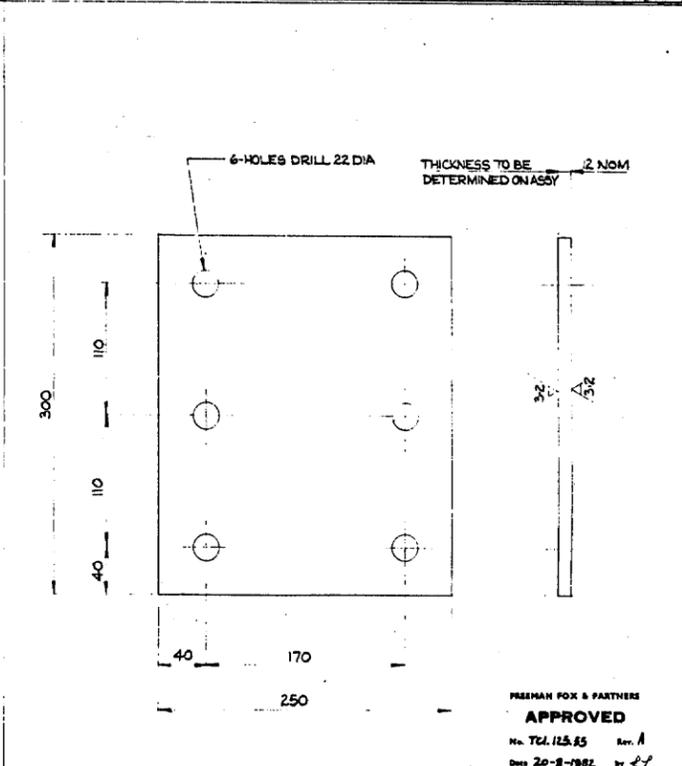
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE BUSH BLOCK			
WEIGHT 9.42kg	SCALE 1/2	UNIT No. TC1 125 52	ISSUE A
No. OFF PER SET 2			



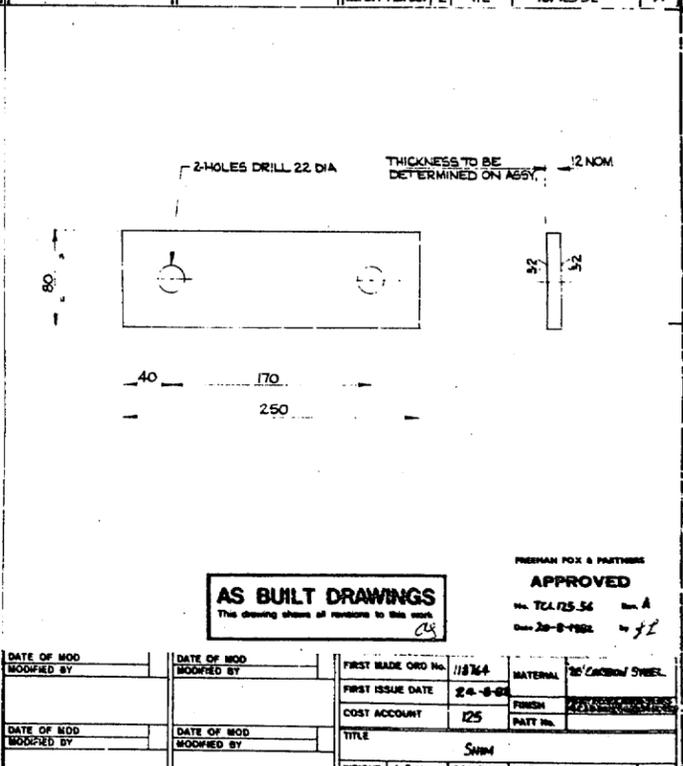
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE SHIM			
WEIGHT 3.3kg	SCALE 1/2	UNIT No. TC1 125 53	ISSUE A
No. OFF PER SET 2			



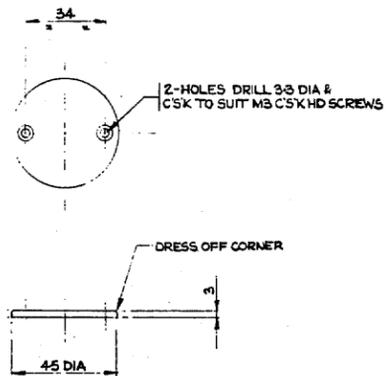
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH NATURAL
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE SHIRT			
WEIGHT 1.6kg	SCALE 1/1	UNIT No. TC1 125 54	ISSUE A
No. OFF PER SET 1			



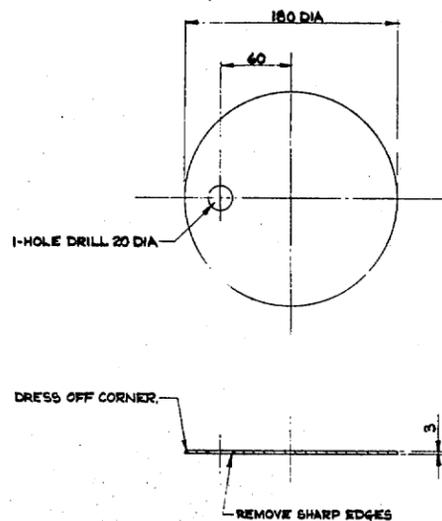
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DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE SHIM			
WEIGHT 7kg	SCALE 1/2	UNIT No. TC1 125 55	ISSUE A
No. OFF PER SET 2			



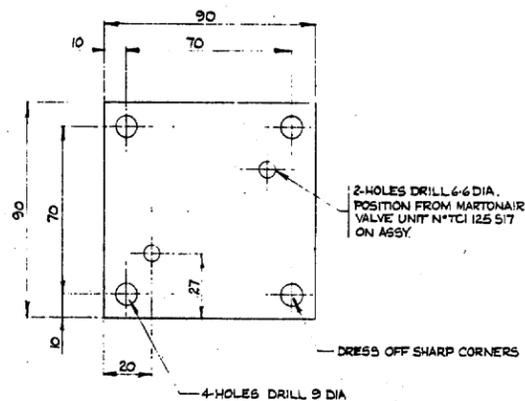
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 20 CARBON STEEL
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST ISSUE DATE 24-8-82	FINISH
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	COST ACCOUNT 125	PATT No.
TITLE SHIM			
WEIGHT 1.9kg	SCALE 1/2	UNIT No. TC1 125 56	ISSUE A
No. OFF PER SET 2			



FRESHMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI.125.59 Rev. A  
 Date 20-8-1982 by JZ



FRESHMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI.125.60 Rev. A  
 Date 13-9-1982 by JZ



FRESHMAN FOX & PARTNERS  
**APPROVED**  
 No. TCI.125.61 Rev. A  
 Date 23-11-1982 by JZ

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL Stainless Steel
		FIRST ISSUE DATE 24-8-82	FINISH NATURAL
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE COVER PLATE	
		WEIGHT 0.057kg	SCALE 1/1
		No. OFF PER SET 20	UNIT No. TCI 125 59
			ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL Stainless Steel
		FIRST ISSUE DATE 15-9-82	FINISH NATURAL
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE SOCKET COVER PLATE	
		WEIGHT 0.61kg	SCALE 1/2
		No. OFF PER SET 1	UNIT No. TCI 125 60
			ISSUE A

DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	FIRST MADE ORD No. 118764	MATERIAL 3mm THK ALUMINIUM ALLOY
		FIRST ISSUE DATE	FINISH
		COST ACCOUNT 125	PART No.
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE VALVE MOUNTING PLATE	
		WEIGHT 0.065kg	SCALE 1/1
		No. OFF PER SET 1	UNIT No. TCI 125 61
			ISSUE A

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

