

12 HOLES (8-IN CENTRE PAD
6-IN EACH OUTER PAD) DRILL 14 DIA.
& TAP M16 x 2.0 THROUGH
(AS REQUESTED ON R.G.O. DRG.
N° M-1014-T DATED DEC. 1981)

12 HOLES DRILL THROUGH 27 DIA.
(THESE HOLES TO BE TRANSFERRED
TO RESPECTIVE COLUMNS ON ASSY)

5 HOLES DRILL 25 DIA. IN TOP
PLATE POSITIONED ON PAD
CENTRES TO VENTILATE
SPACES

WITH COVER PLATES POSITIONED ON
INSIDE OF BRACKET (I.E. OTHER SIDE OF
THIS PLATE AS DRAWN) MARK OFF 16
HOLES DRILL 6.8 DIA. & TAP M8 x 1.25
THROUGH.

- NOTES :-**
- 1 MANUFACTURE IN ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC. N° 6
STRESS RELIEF IS REQUIRED
 - 2 FABRICATION TOLERANCES AS SPEC. N° 6 UNLESS OTHERWISE STATED ON DRG.
 - 3 BLAST CLEAN & PRIME ALL ACCESSIBLE EXTERIOR & INTERIOR SURFACES IN
ACCORDANCE WITH GRUBB PARSONS PURCHASE SPEC. N° 6
 - 4 INSPECTION IN ACCORDANCE WITH GRUBB PARSONS QUALITY CONTROL SCHEDULE N° QCS/6/2
 - 5 FINISH PAINT HARD GLOSS 14C39 DARK GREEN TO BS 4800 EXTERIOR WHITE INTERIOR.
 - 6 FOR MODIFIED WELD PREPARATIONS AND OTHER WELDING INFORMATION SEE PEL PQ143
 - 7 ALL EXTERIOR (UNMACHINED) CORNERS ARE TO BE DRESSED TO A SMOOTH RADIUS (5mm NOM.)
 - 8 ALL EXTERIOR WELDS TO BE DRESSED FLUSH & SMOOTH

AS BUILT DRAWINGS
This drawing shows all variations to this work

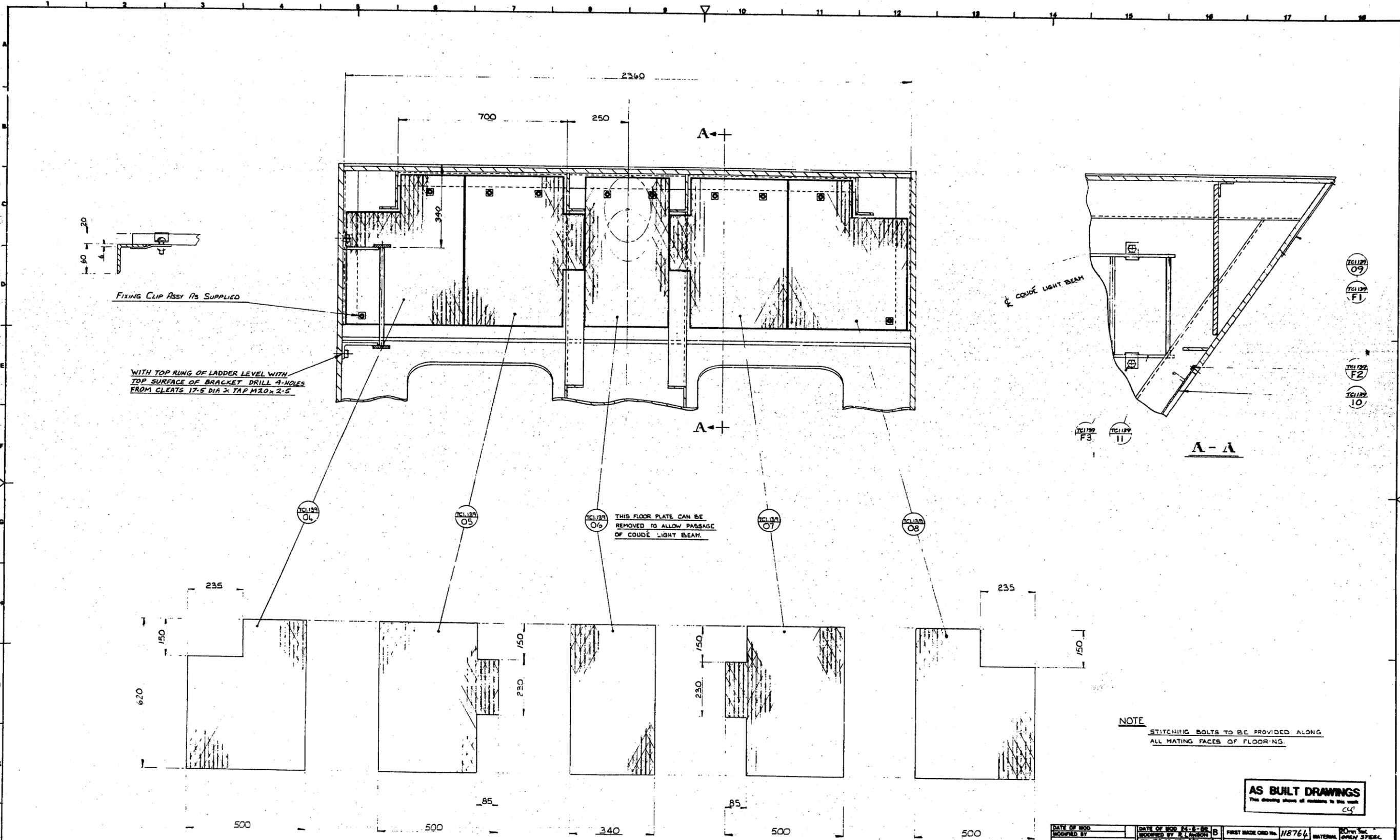
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	FIRST MADE OR D. NO. 110764	INTERNAL	SEE ABOVE
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	FIRST ISSUE DATE	PURSH	SEE NOTE
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	COST ACCOUNT 139	PART NO.	
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	TITLE NASMYTH BRACKET		
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	WEIGHT 14.05 (THEORETICAL)	SCALE 1:10	UNIT NO. TCI 139 03
DATE OF MOD. 16-11-82 DRAWN BY J.L.	DATE OF MOD. 16-11-82 CHECKED BY J.L.	MATERIALS :- PLATES TO BS 4360-43A ANGLES TO BS 4848 P74 GR. 43 BARS TO BS 970 370 M20		

PREMAN FOX & PARTNERS
APPROVED
No. TCI.139.03 Rev. D
Date 23-11-1982 by J.L.

PREMAN FOX & PARTNERS
APPROVED
No. TCI.139.03 Rev. C
Date 26-10-1982 by J.L.

PREMAN FOX & PARTNERS
APPROVED
No. TCI.139.03 Rev. B
Date 30.3.1982 by J.L.

4.2 METRE WILLIAM HERSCHEL TELESCOPE
FOR
OBSERVATORIO DEL ROQUE DE LOS MUJANOS
LA PALMA
AND
ROYAL GREENWICH OBSERVATORY



FIXING CLIP ASSY IS SUPPLIED

WITH TOP RING OF LADDER LEVEL WITH TOP SURFACE OF BRACKET DRILL 4 HOLES FROM CLEATS 17.5 DIA X TAP M20 X 2.5

THIS FLOOR PLATE CAN BE REMOVED TO ALLOW PASSAGE OF COUDÉ LIGHT BEAM.

NOTE
STITCHING BOLTS TO BE PROVIDED ALONG ALL MATING FACES OF FLOORING.

AS BUILT DRAWINGS
The drawing shows all variations to the work

ORDER MUST NOT BE PLACED UNTIL AFTER NASMITH BRACKETS HAVE BEEN MANUFACTURED AND ACTUAL DIMENSIONS CHECKED

CHECKED BY NEIPE SEE MOD B

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.06 Rev. A
Date 12-3-1982 by JF

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.06 Rev. B
Date 22-5-1982 by JF

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.04 Rev. A
Date 12-3-1982 by JF

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.05 Rev. A
Date 12-3-1982 by JF

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.08 Rev. A
Date 12-3-1982 by JF

FREEMAN FOX & PARTNERS
APPROVED
No. TCI.139.07 Rev. A
Date 12-3-1982 by JF

DATE OF MOD MODIFIED BY	DATE OF MOD 24-8-82 MODIFIED BY E. LAWSON	FIRST MADE ORD No. 118764	MATERIAL	Drawn by OPEN SPERL
	TCI 139 IS THE PROPERTY OF GRUBB PARSONS ALL OTHER SIZES CHECKED AS ORIGINAL	FIRST ISSUE DATE	FRESH	FLOORING
		COST ACCOUNT 139	PART No.	CALCULATED
DATE OF MOD MODIFIED BY	DATE OF MOD MODIFIED BY	TITLE NASMITH BRACKET LOWER FLOOR PLATES	SCALE 1:5	DRW No. CA 139
		WEIGHT	No. OFF PER SET	CC 139

4.2 METRE WILLIAM HERSCHEL TELESCOPE
FOR
OBSERVATORIO DEL ROQUE DE LOS MUCHACHOS
LA PALMA.
AND
ROYAL GREENWICH OBSERVATORY

SURFACE FINISH EQUIVALENTS	SURFACE FINISH SYMBOLS	WELD SYMBOLS	FABRICATION TOLERANCES	THIS DRAWING IS THE PROPERTY OF NEI PARSONS LTD.	GENERAL MACHINING TOLERANCES	ALL DIMENSIONS ARE IN MILLIMETRES	PROJECTION CHECKED	DATE
FINISHES 1 2 3 4 5 6 7 8 9 10 11 12 EQUIVALENTS 1 2 3 4 5 6 7 8 9 10 11 12	DENOTES NOT NECESSARILY MACHINED DENOTES MACHINED	TO BS 499 PART 2 1960	DIMENSIONS UP TO 250 ± 0.20 DIMENSIONS FROM 250 TO 2500 ± 0.30 ANGLES ± 0.05 STRAIGHTNESS/FLATNESS ± 0.10	AND MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY WITHOUT GRUBB PARSONS WRITTEN CONSENT.	UNLESS SPECIFIED OTHERWISE DIMENSIONS WITH - OVER ± 0.1 DIMENSIONS WITH + OVER ± 0.1 AND DECIMAL FRACTIONS	ANGLE : SCREW THREADS TO BS 3643 PART 2 MEDIUM FIT MACHINED DIA CONCENTRIC TO O.T.I.R.	APPROVED DATE 5-3-82	SCALE 1:5 TCI.139 SHEET 04 OF 05

GRUBB PARSONS NEWCASTLE UPON TYNE NE6 2YB
 TITLE NASMITH BRACKET LOWER FLOOR PLATES
 SCALE 1:5
 TCI.139
 SHEET 04 OF 05

