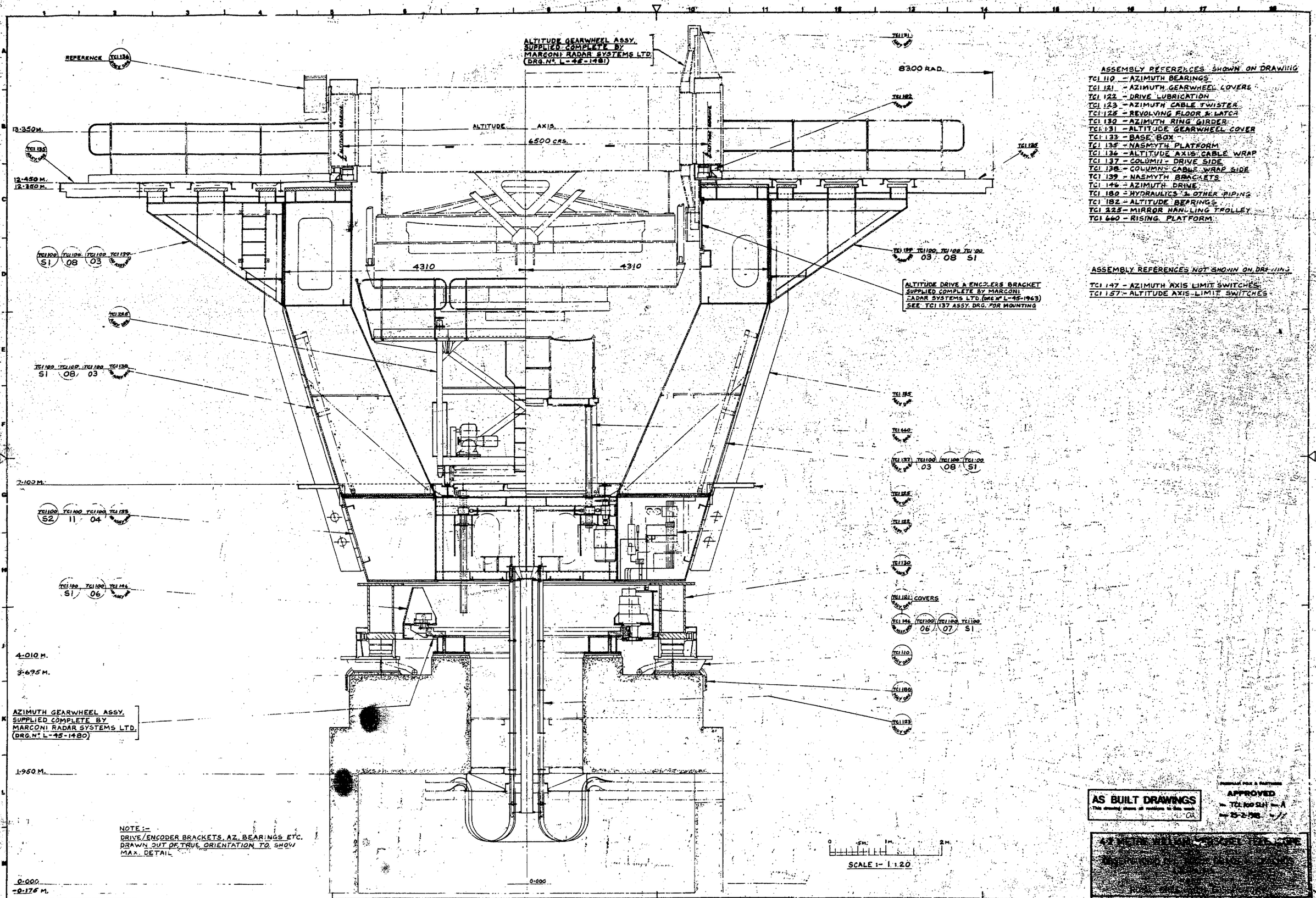
1



ASSEMBLY REFERENCES SHOWN ON DRAWING

TCI 110 - AZIMUTH BEARINGS
TCI 121 - AZIMUTH GEARWHEEL COVERS
TCI 122 - DRIVE LUBRICATION
TCI 123 - AZIMUTH CABLE TWISTER
TCI 125 - REVOLVING FLOOR & LATCH
TCI 130 - AZIMUTH RING GIRDER
TCI 131 - ALTITUDE GEARWHEEL COVER
TCI 133 - BASE BOX
TCI 135 - NASMYTH PLATFORM
TCI 136 - ALTITUDE AXIS CABLE WRAP
TCI 137 - COLUMN - DRIVE SIDE
TCI 138 - COLUMN - CABLE WRAP SIDE
TCI 139 - NASMYTH BRACKETS
TCI 146 - AZIMUTH DRIVE
TCI 180 - HYDRAULICS & OTHER PIPING
TCI 182 - ALTITUDE BEARINGS
TCI 225 - MIRROR HANDLING TROLLEY
TCI 660 - RISING PLATFORM

ASSEMBLY REFERENCES NOT SHOWN ON DRAWING

TCI 147 - AZIMUTH AXIS LIMIT SWITCHES
TCI 157 - ALTITUDE AXIS LIMIT SWITCHES

NOTE :-
DRIVE/ENCODER BRACKETS, AZ. BEARINGS ETC. DRAWN OUT OF TRUE ORIENTATION TO SHOW MAX. DETAIL

AS BUILT DRAWINGS

APPROVED

NEI
A merger of Clarke Chapman and Reyrolle Parsons

SURFACE FINISH EQUIVALENTS							
MICROINCHES	4	8	16	32	63	125	250	500
MICROMETRES	1	2	4	8	16	32	63	125

THIS DRAWING CONFORMS TO B.S. 308

SURFACE FINISH SYMBOLS
✓ DENOTES NOT NECESSARILY MACHINED
✓̄ DENOTES MACHINED

WELD SYMBOLS TO BS 499 PART 2 1965

FABRICATION TOLERANCES
DIMENSIONS UP TO 250 ± 2·0
DIMENSIONS FROM 250 TO 2500 ± 3·0
ANGLES ± 1 : 600
STRAIGHTNESS/FLATNESS 1 : 600

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GENERAL MACHINING TOLERANCES
(EXCEPT WHERE STATED OTHERWISE)
UNSPECIFIED DIMENSIONS OVER ± 0·2
DIMENSIONS WITH OVER ± 0·1
AND DECIMAL PL.
DIMENSIONS WITH OVER ± 0·01
AND DECIMAL PLACE

ALL DIMENSIONS ARE IN MILLIMETRES
ANGLES ±
SCREW THREADS TO B.S. 3643 PART 2 MEDIUM FIT
MACHINED DIA CONCENTRIC TO 0·1 T.I.R.

PROJECTION 3rd. ANGLE
CHECKED
DRAWN
DATE 11-1-83

GRUBB PARSONS NEWCASTLE UPON TYNE NE6 1YQ

TITLE ASSY. OF TELESCOPE MOUNTING

SCALE 1:20

DRAWING No. TCI 100

SHEET 1 OF 2