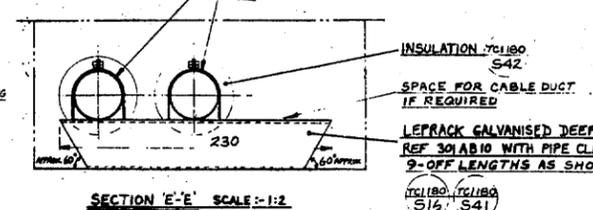
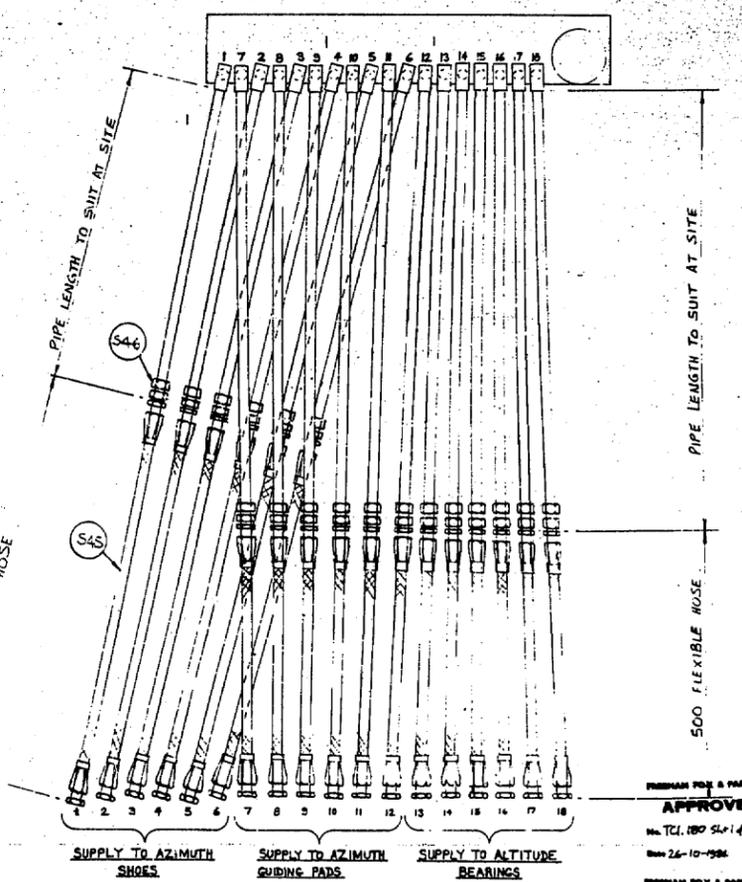
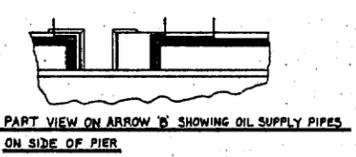
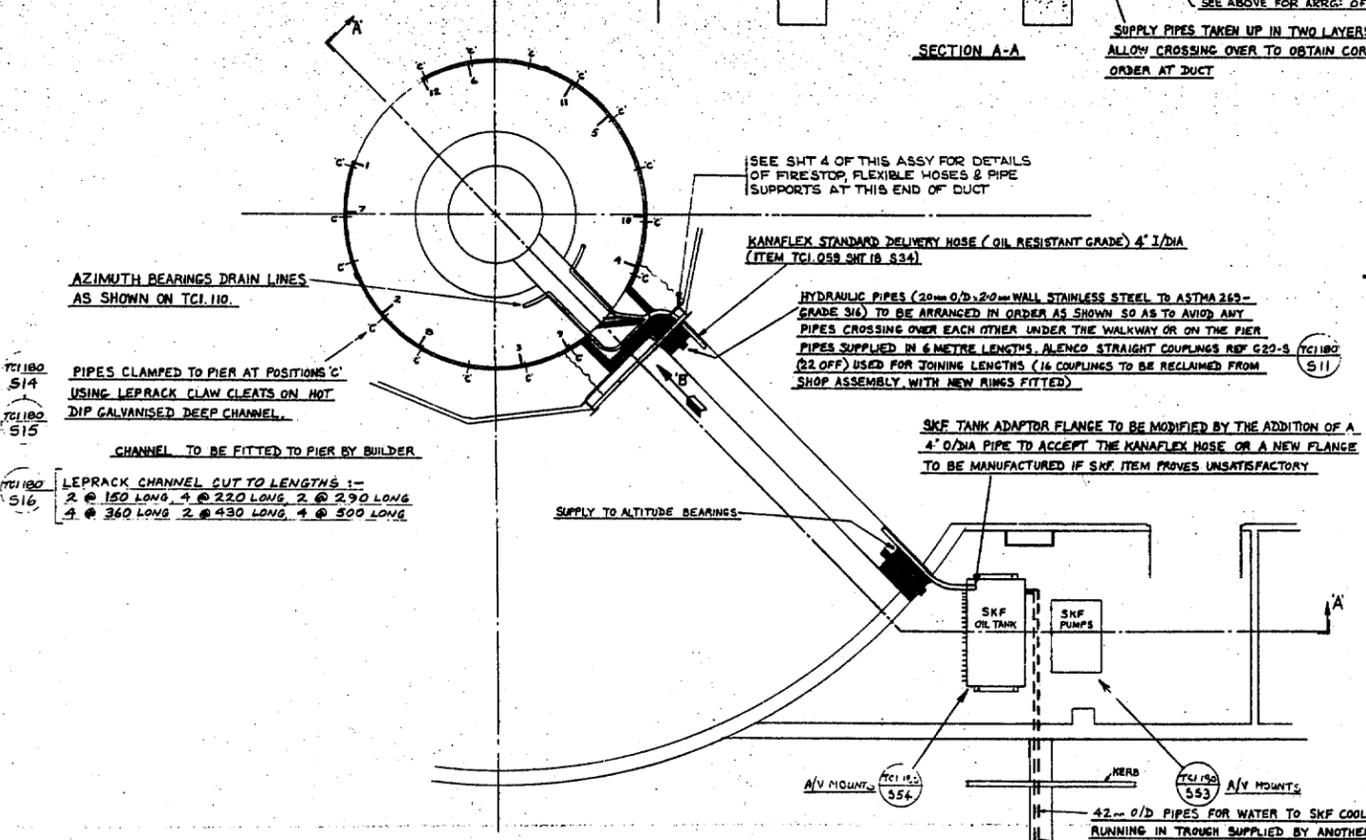
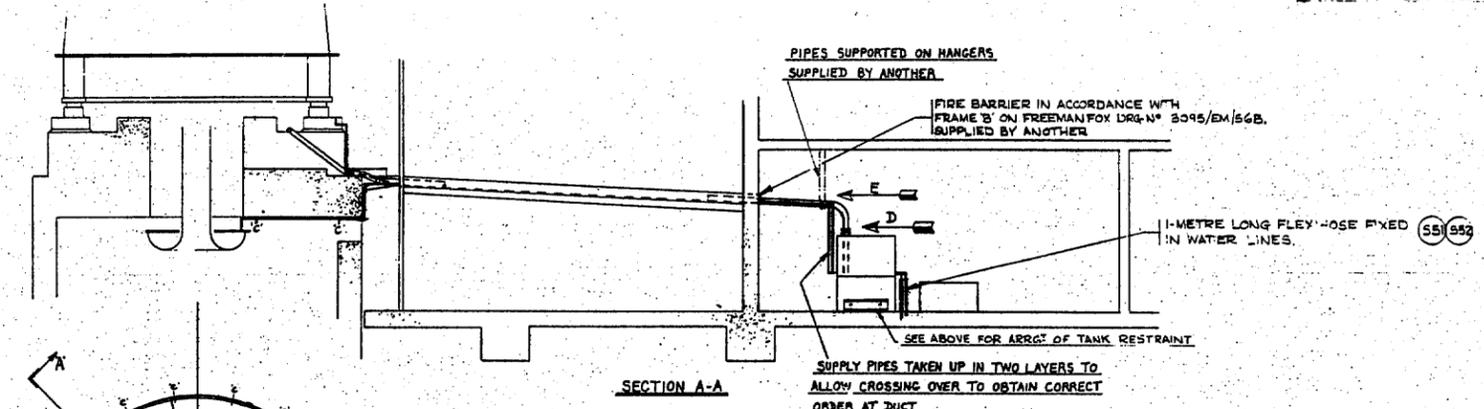
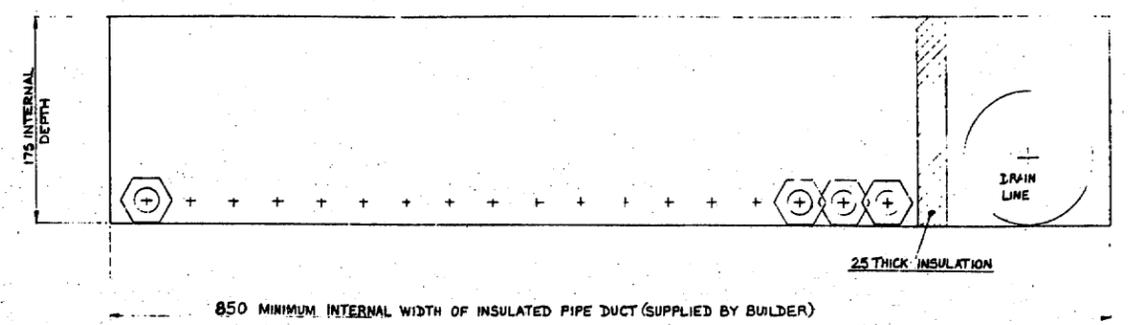
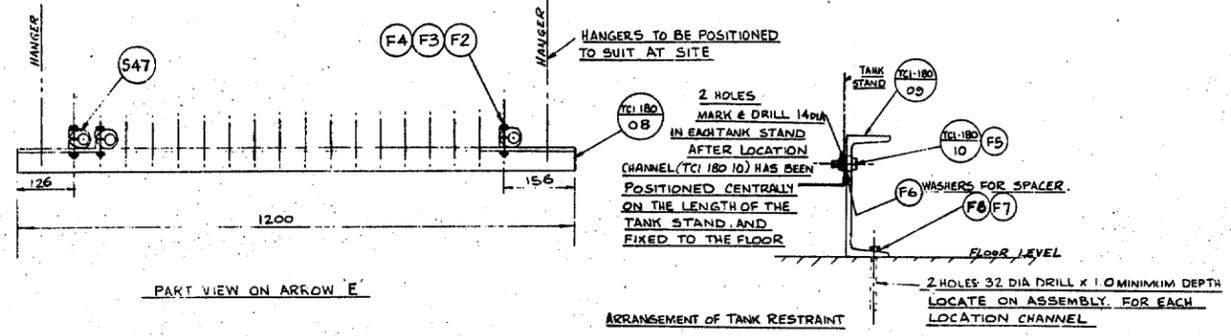
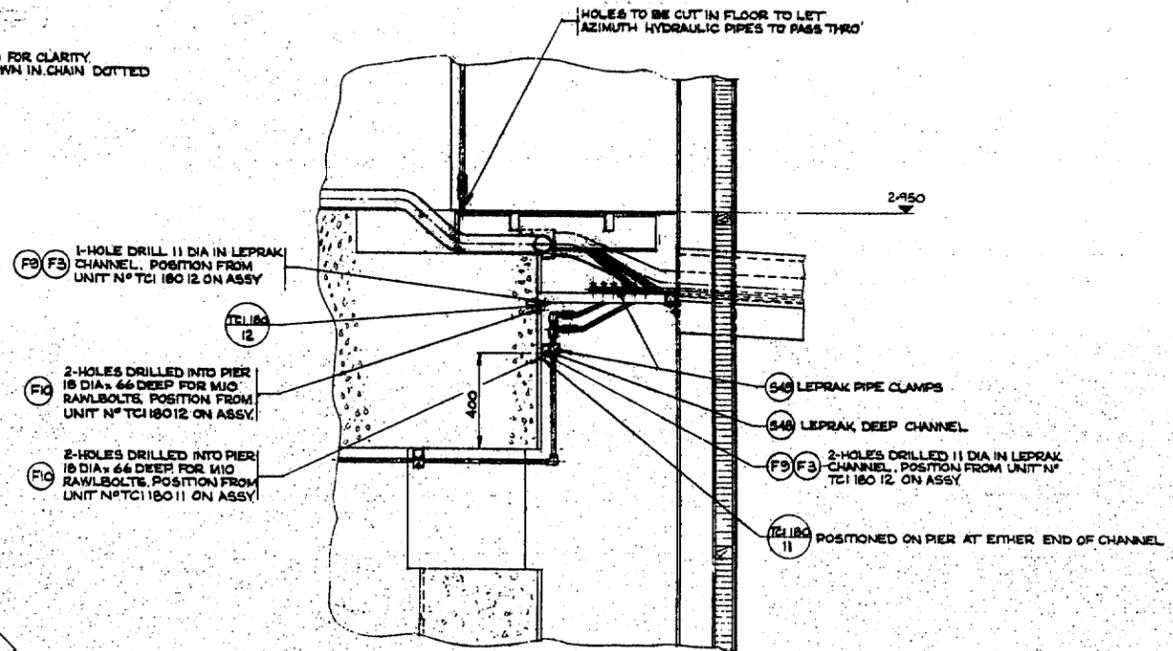
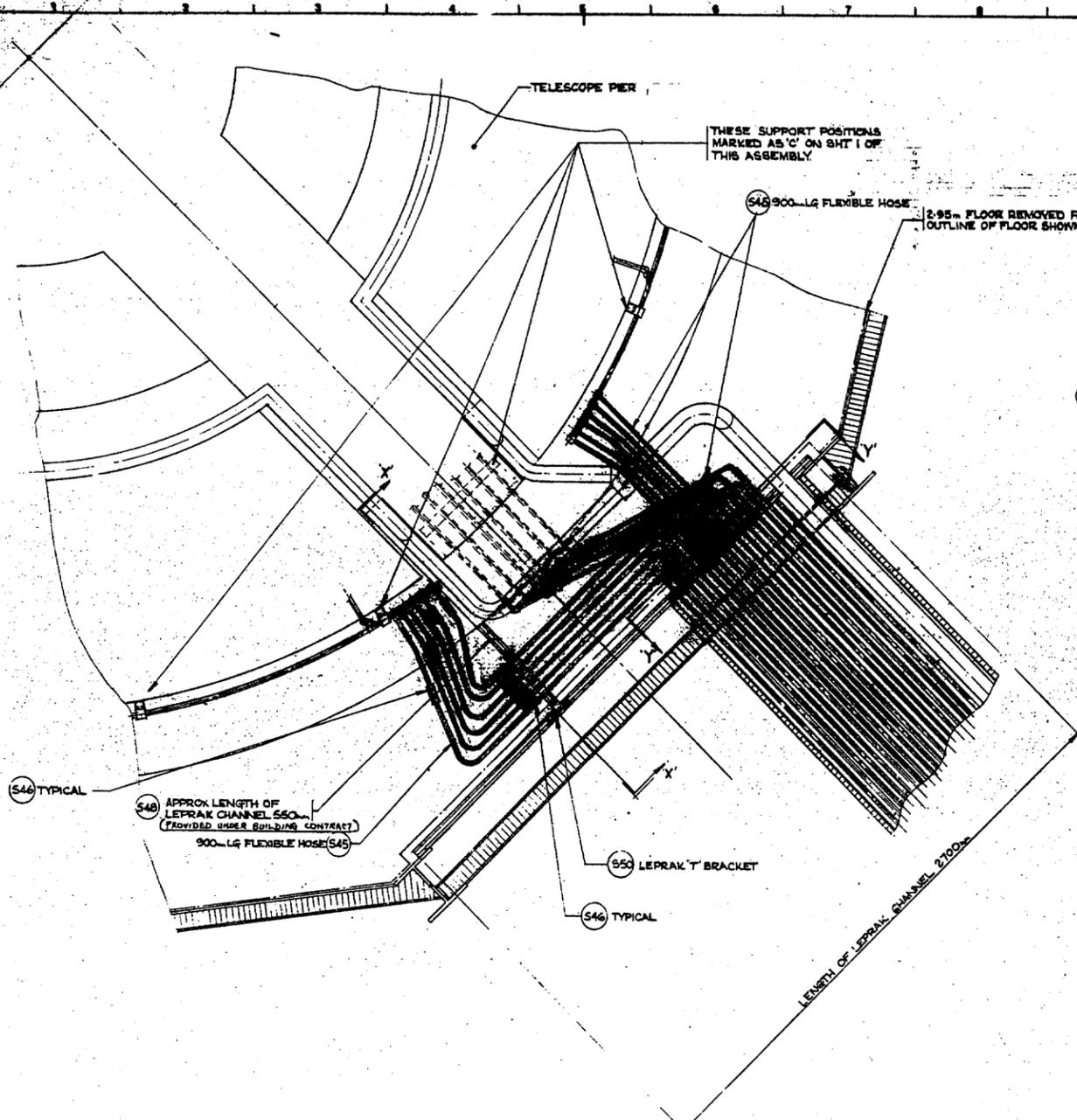


4.2 METRE TELESCOPE

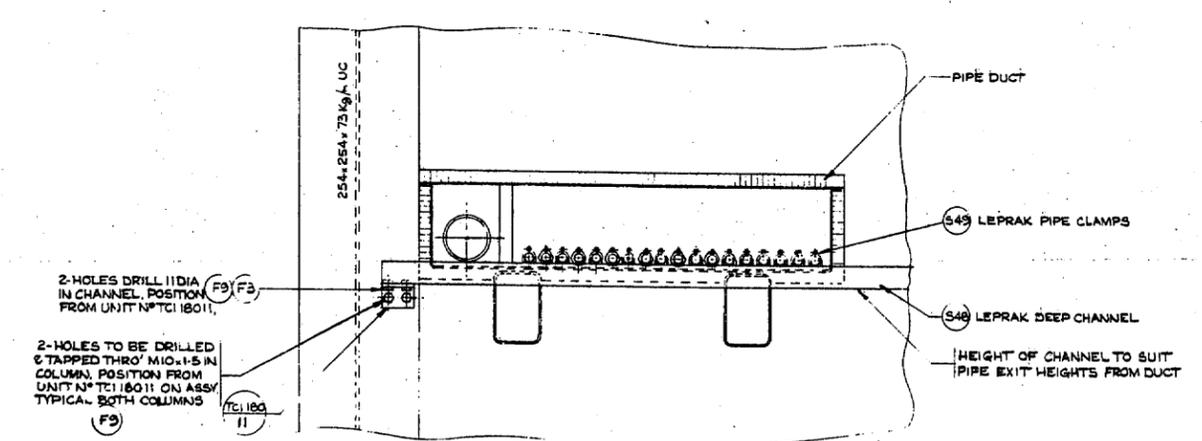
Grubb Parsons A merger of Clarke Chapman and Rayrolle Parsons	SURFACE FINISH EQUIVALENTS MICROMETRES 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	SURFACE FINISH SYMBOLS ✓ DENOTES NOT NECESSARILY MACHINED ✗ DENOTES MACHINED	WELD SYMBOLS TO BS 499 PART 2 1989	FABRICATION TOLERANCES DIMENSIONS UP TO 250 ± 0.20 DIMENSIONS FROM 250 TO 2500 ± 0.30 ANGLES ± 1:800 STRAIGHTNESS/FINENESS 1:800	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) UNDESIGNATED DIMENSIONS ± 0.10 DIMENSIONS WITH - OVER ± 0.05 DIMENSIONS WITH - OVER ± 0.1	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 CHECKED 3rd ANGLE APPROVED	DRAWN W. REEVE DATE 5/4/82	GRUBB PARSONS NEWCASTLE UPON TYNE NE6 2YB TITLE LAYOUT OF HYDRAULICS & OTHER PIPING ANTIVIBRATION MOUNTS & FLEXIBLE HOSE	SCALE 1:25 DRAWING NUMBER TOL180 LANC A	SHEET OF 1
	THIS DRAWING CONFORMS TO B.S. 308											



DATE OF MOD 21-8-82	DATE OF MOD	BY	REASON
21-8-82	21-8-82	TC1180 514	REVISION
21-8-82	21-8-82	TC1180 515	REVISION
21-8-82	21-8-82	TC1180 516	REVISION



SECTION X-X

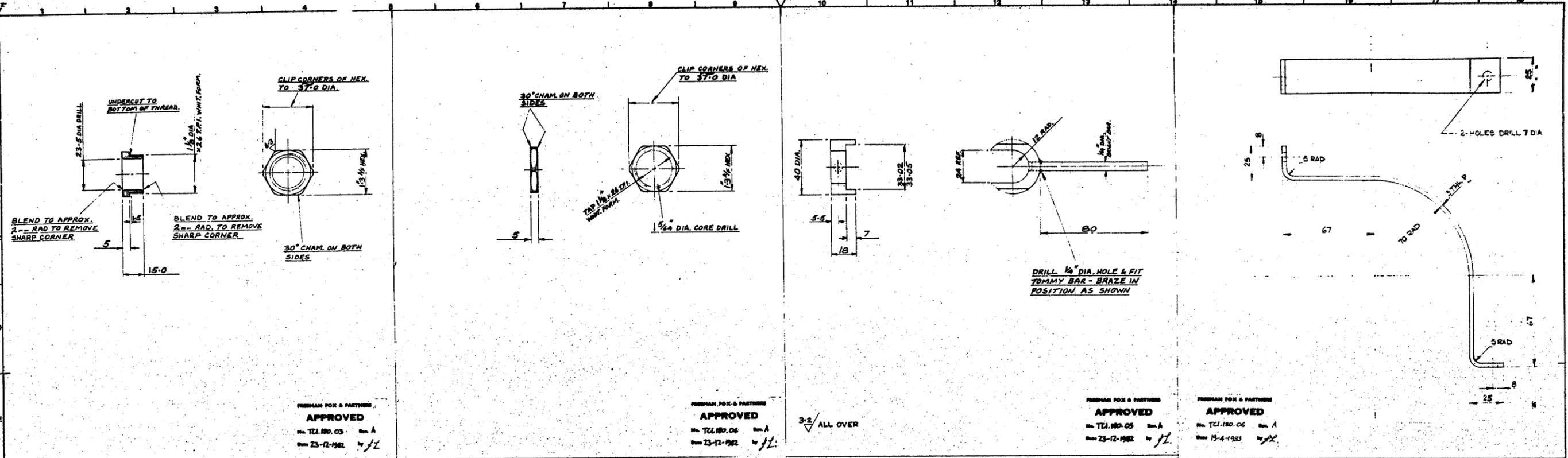


SECTION Y-Y
SCALE 1:5

APPROVED
No. TCI 180 SA 44-1
Date 26-10-1984

AS BUILT DRAWINGS
This drawing shows all variations to the work.

<p>A range of Clarke Chapman and Reynolds Parsons</p>	<p>SURFACE FINISH EQUIVALENTS</p> <p>THIS DRAWING CONFORMS TO B.S. 308</p>	<p>SURFACE FINISH SYMBOLS</p> <p>✓ DENOTES NOT NECESSARILY MACHINED</p> <p>▽ DENOTES MACHINED</p>	<p>WELD SYMBOLS</p> <p>TO BS 499 PART 2 1969</p>	<p>FABRICATION TOLERANCES</p> <p>DIMENSIONS UP TO 100 ± 0.20</p> <p>DIMENSIONS FROM 100 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>GENERAL DIMENSIONS IN MILLIMETRES</p> <p>ALL DIMENSIONS ARE IN MILLIMETRES</p> <p>ANGLES ± 3/6 ANGLE</p> <p>SCREEN THREADS TO B.S. 3643 PART 2 MEDIUM FIT</p> <p>MACHINED DIA CONCENTRIC TO D1 TLR</p>	<p>PROTECTOR CHECKED</p> <p>DATE 4-10-84</p>	<p>DRAWN</p> <p>A. BROWN</p>	<p>GRUBB PARSONS NEWCASTLE UPON TYNE NES 2YB</p> <p>ASSEMBLY OF HYDRAULIC PIPEWORK, FLEXIBLE HOSES & SUPPORTS AT PIER</p>	<p>SHEET 4 OF 4</p> <p>TCI 180 ASSY</p>
	<p>APPROVED BY: [Signature]</p>									



FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 180 03
 Date 23-12-1982

FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 180 04
 Date 23-12-1982

FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 180 05
 Date 23-12-1982

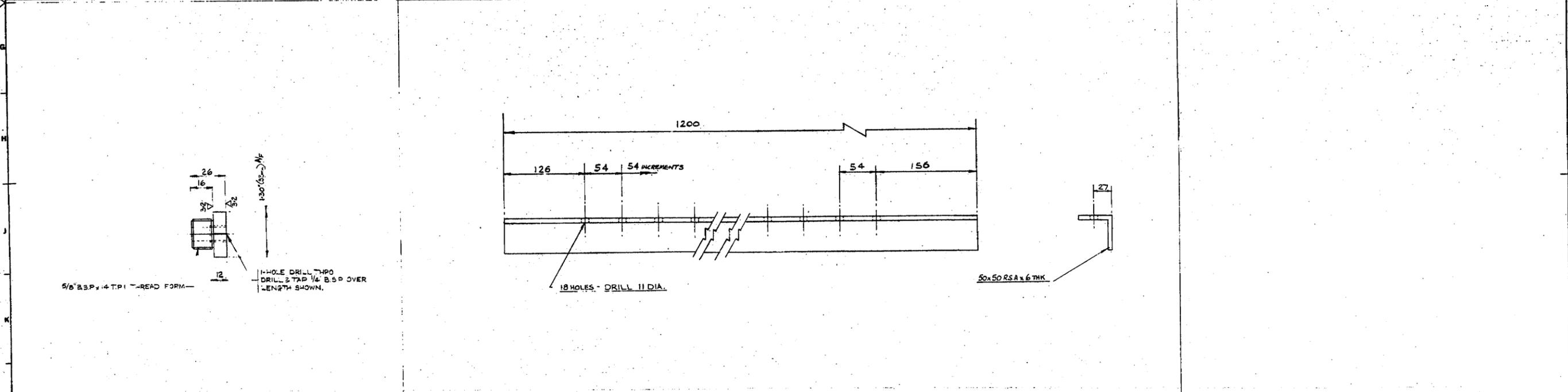
FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 180 06
 Date 15-4-1983

DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL 1 1/2" HEX. BRASS
		FIRST ISSUE DATE	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE GLAND	
		WEIGHT	SCALE UNIT No. ISSUE
		No. OFF PER SET 36	1:1 TCI 180 03 A

DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL 1 1/2" HEX. BRASS
		FIRST ISSUE DATE	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE GLAND NUT	
		WEIGHT	SCALE UNIT No. ISSUE
		No. OFF PER SET 36	1:1 TCI 180 04 A

DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL 1 1/2" HEX. BRASS
		FIRST ISSUE DATE	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE GLAND KEY	
		WEIGHT	SCALE UNIT No. ISSUE
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DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL 2" CRATED STEEL
		FIRST ISSUE DATE 7-4-73	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE NEEDLES BOTTLE STRIP	
		WEIGHT	SCALE UNIT No. ISSUE
		No. OFF PER SET 2	1:1 TCI 180 06 A



FREEMAN FOX & PARTNERS
APPROVED
 No. TCI 180 07
 Date 19-4-1983

DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL 5085 - Hex Brs
		FIRST ISSUE DATE 7-4-73	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE PIPE SUPPORT	
		WEIGHT	SCALE UNIT No. ISSUE
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DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	FIRST MADE ORD No. 118764	MATERIAL WILD STEEL
		FIRST ISSUE DATE	FINISH
		COST ACCOUNT 180	PATT No.
DATE OF MOD RECORDED BY	DATE OF MOD RECORDED BY	TITLE PIPE SUPPORT	
		WEIGHT	SCALE UNIT No. ISSUE
		No. OFF PER SET 1	1:1 TCI 180 08 A

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