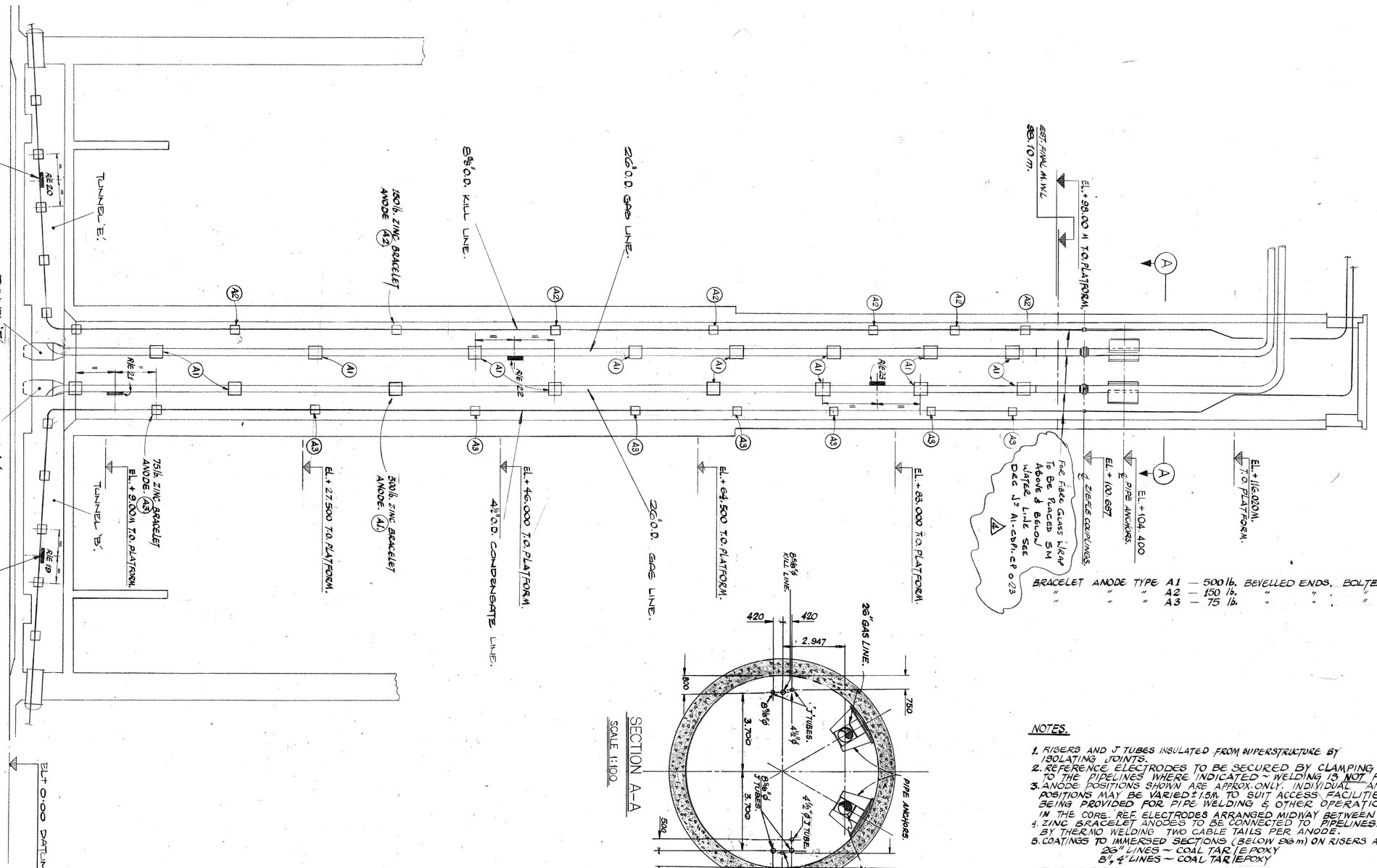
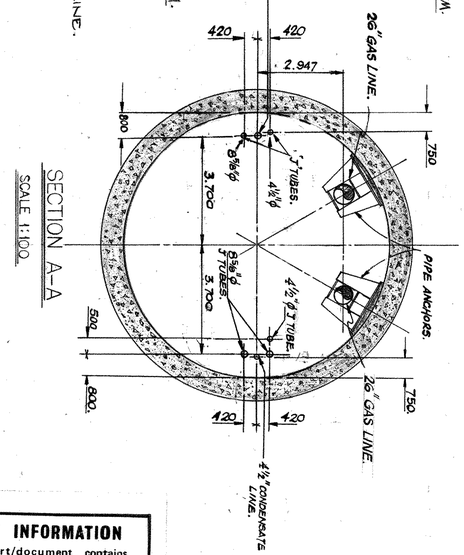
IMPORTANT NOTE.
ANODES MUST NOT BRIDGE FIELD WELDS.

SECTION THRO' CORE SHOWING ANODES.



BRACELET ANODE TYPE A1 — 500 lb. BEVELLED ENDS. BOLTED TYPE.
" " " A2 — 150 lb. " " " " " "
" " " A3 — 75 lb. " " " " " "

SECTION A–A
SCALE 1:100.



NOTES.

1. RISERS AND J TUBES INSULATED FROM SUPERSTRUCTURE BY ISOLATING JOINTS.
2. REFERENCE ELECTRODES TO BE SECURED BY CLAMPING TO THE PIPELINES WHERE INDICATED ~ WELDING IS NOT PERMITTED.
3. ANODE POSITIONS SHOWN ARE APPROX. ONLY. INDIVIDUAL ANODE POSITIONS MAY BE VARIED ± 1.5M TO SUIT ACCESS FACILITIES BEING PROVIDED FOR PIPE WELDING & OTHER OPERATIONS IN THE CORE. REF. ELECTRODES ARRANGED MIDWAY BETWEEN ANODES AS INDICATED.
4. ZINC BRACELET ANODES TO BE CONNECTED TO PIPELINES BY THERMO WELDING TWO CABLE TAILS PER ANODE.
5. COATINGS TO IMMERSED SECTIONS (BELOW 96 m) ON RISERS AS FOLLOWS.
   20" LINES ~ COAL TAR/EPOXY
   8", 4" LINES ~ COAL TAR/EPOXY
6. ANODES & REF. ELECTRODES TO BE INSTALLED IN ACCORDANCE WITH C.C.S.I. SPEC. No. CDPI-P-1013.

COAL TAR EPOXY TO BE APPLIED IN ACCORDANCE WITH BROWN AND ROOT. SPEC^N. PARA 14 MPX-DPI X 1.

FOR DETAILS OF ANODE/REF ELECTRODE ARRG^T ON RISERS IN TUNNELS "A" & "F" SEE A1-MPX-DP1/M7346.

PROPRIETARY INFORMATION
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A1-MPX-DP1/M7345

REFERENCE DRAWINGS		REV. NO.	REVISION	BY	DATE	CKD
NUMBER	TITLE	0	ISSUED FOR CONSTRUCTION			
		1	REMOVE HOLD, REV. W.L'S. & NOTE 4.	AH	6/11/75	[illegible]
		2	REV'D NOTES 4 & 6.	AH	30/11/75	[illegible]
		3	TIDEGUARD APPLIED TO 8⅝", 4½" LINES.	AH	5/12/75	
		4	TIDEGUARD REPLACED BY FIBRE GLASS WRAP	✓	16/5/75	
		5	RENUMBERED & STATUS	CS	22/5/75	
		6	RENUMBERED			

CORROSION CONSULTING SERVICES INC
APPROVED [signature] 22/5/75

Brown & Root, (U.K.) Ltd.
Engineers-Constructors
LONDON, ENGLAND.

	DRAWN	CHECKED	CHECKED	APPROVED
BY	A. HILL			
DATE	19TH MAY '75.	MAY 75		

(A) TOTAL OIL MARINE LIMITED
LONDON

FRIGG FIELD
MPX-DP1 CONVERSION.
ARRG^T ANODES/REF. ELECT^S - RISERS IN CENTRAL CORE.

SCALE	PROJECT No.	DRAWING NUMBER	REV.
1:200 UNLESS NOTED.	2147	FF 91 36 28 1808	6

ADMEL 4514 C