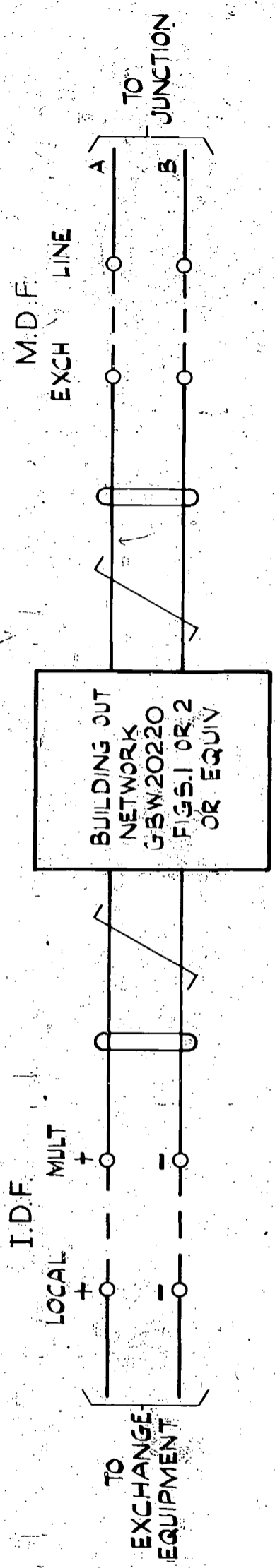
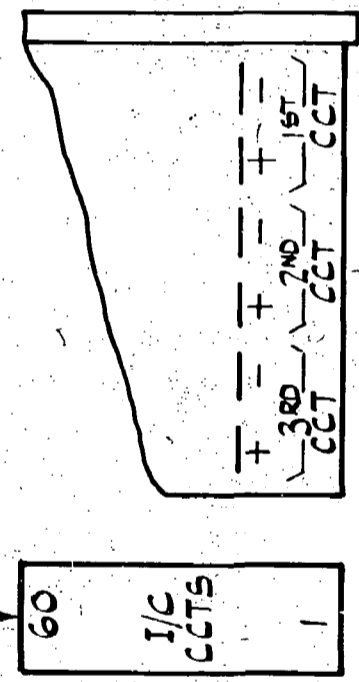


FIG. A.
INCOMING CIRCUITS

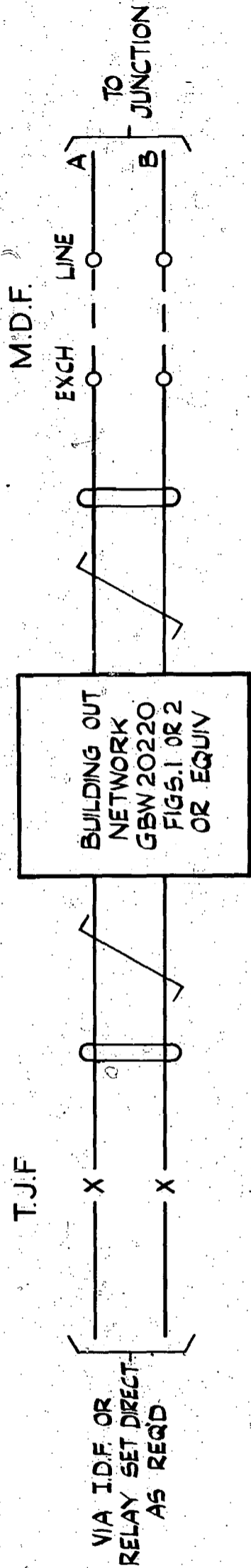


TYPICAL MARKING ON I.D.F.



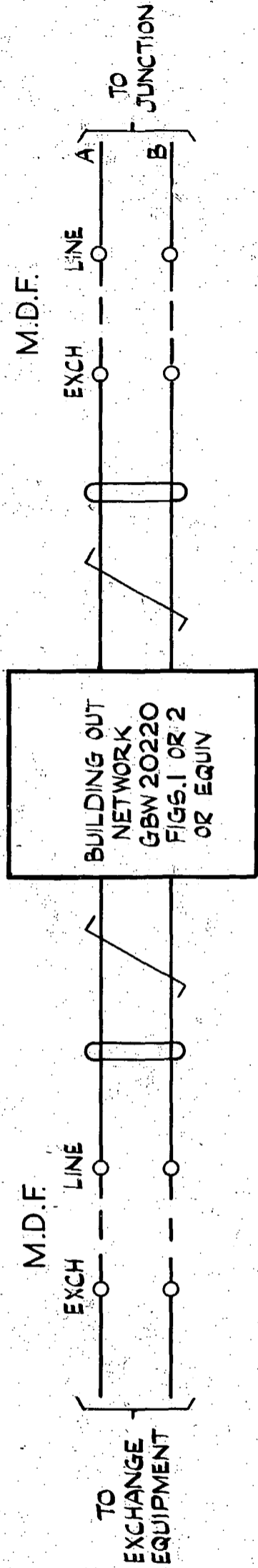
						REF	50v	H
WAS SHEET 1-6. SHEET/ISSUE INDEX added. (122773)						2	28574	B5H
AMENDMENT						ISS	DATE	APP
A3	DL	TITLE		REFERENCES (UNLESS OTHERWISE STATED)		THREE PLACE DECIMAL DIMNS		
		BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)		TWO PLACE DECIMAL DIMNS			FRACTIONAL DIMENSIONS	
NZPO	HWR/JC/16.5.731 13.2.74			GBX 20220		SHT 1-9		

FIG. B
OUTGOING CIRCUITS



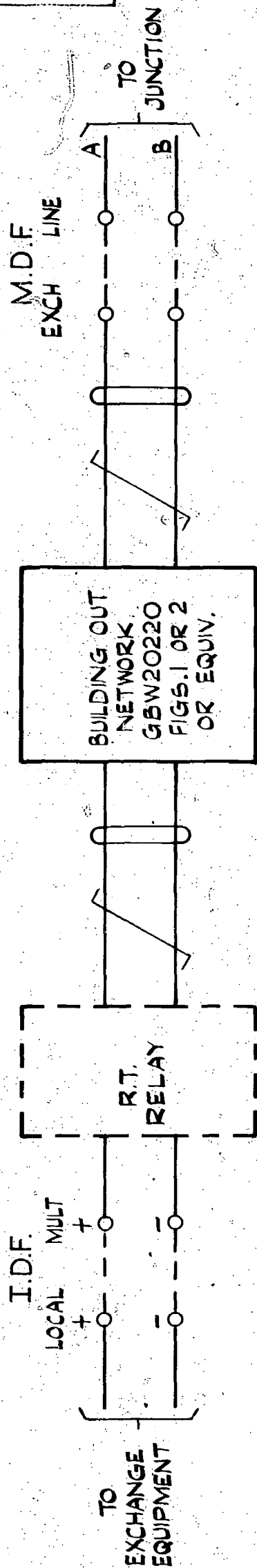
				REF: 50v H		
				(122773)	1	27-574 BSH
				ISS	DATE	APP
A3	DRN	D.L.	ENG	MATERIAL		TOLERANCES (UNLESS OTHERWISE STATED) THREE PLACE DECIMAL DIMNS TWO PLACE DECIMAL DIMNS FRACTIONAL DIMENSIONS OTHER REQUIREMENTS TO E.S.I.S
	TR		MTH			
	CHK		DRFT	TITLE BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)		
	ENG	DEPT				
NZPO					GBX 20220	SHT. 2.

FIG.C.
BOTHWAY CIRCUITS



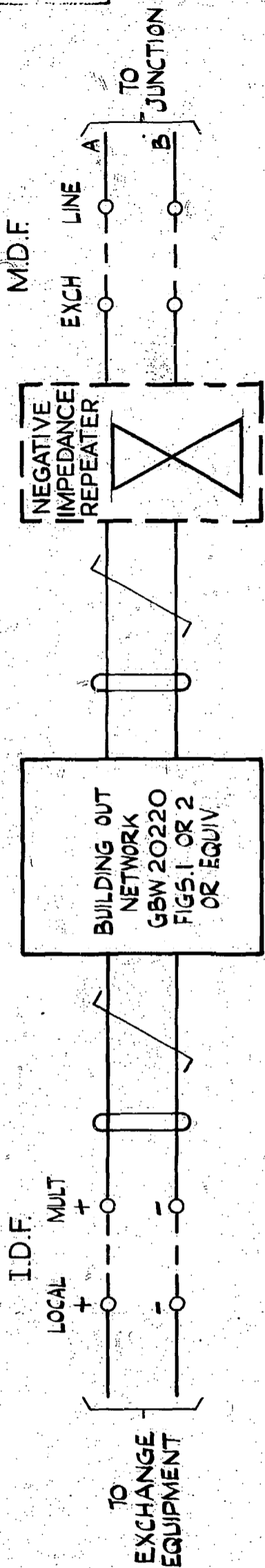
						REF:-		50v	H
				(122773)	1	28-574	B5H		
				ISS	DATE	APP			
A3	DRN	D.L.	APPROVED	ENG.	MATERIAL	FINISH	TOLERANCES (UNLESS OTHERWISE STATED) THREE PLACE DECIMAL DIMNS TWO PLACE DECIMAL DIMNS FRACTIONAL DIMENSIONS OTHER REQUIREMENTS TO S.I.S		
	TR			MTH					
	CHK			DRFT					
	ENG		DEPT.	TITLE	BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)				
NZPO					GBX 20220				SHT. 3.

FIG. D.
INCOMING CIRCUITS
VIA R.T. RELAYS

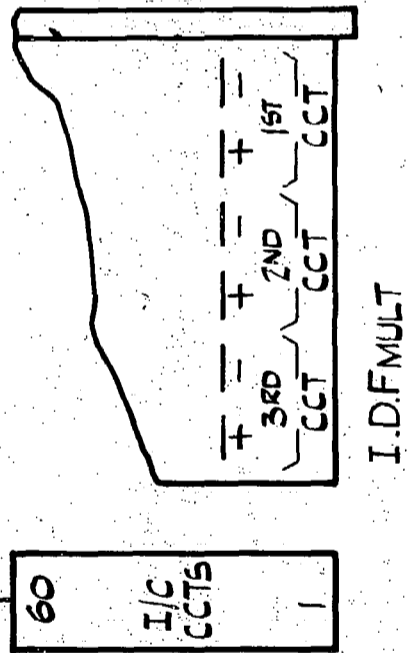


				REF: 80425H	
				(122773)	1 28-574 BSH
AMENDMENT				ISS	DATE APP
A3	DRN	DL	ENG	BUILDING OUT NETWORK (900 ohms IMPEDANCE TO EXCH.)	
	TRP	APPROVED	MTH		
	CHK	DEPT	DATE		
	ENG				
			TOLERANCES (UNLESS OTHERWISE STATED): THREE PLACE DECIMAL DIMS TWO PLACE DECIMAL DIMS. FRACTIONAL DIMENSIONS OTHER REQUIREMENTS TO E.S.15		
NZPO			GBX 20220		
			SHT. 4.		

FIG. E.
BOTHWAY CIRCUITS VIA
NEGATIVE IMPEDANCE REPEATER (VIA I.D.F. - M.D.F.)



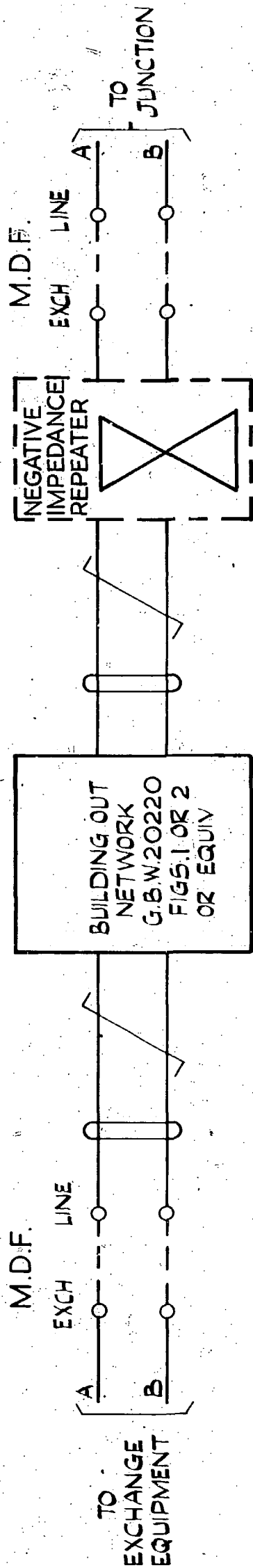
TYPICAL MARKING
ON I.D.F.



REF.		50v	H
(122773)		1	28-5-74 BSH
AMENDMENT		ISS	DATE APP
DRN D.L.	ENG	MATERIAL	
APPROVED	MTH	FINISH	
DRFT	DEPT.	TITLE	
BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)			
TOLERANCES (UNLESS OTHERWISE STATED) DIMENSIONS MILLIMETERS ANGLES DEGREES OTHER REQUIREMENTS TO L.S.I.S			
NZPO	RE/AE/52	9.2.72	GBX 20220 5HT.5

FIG. F.

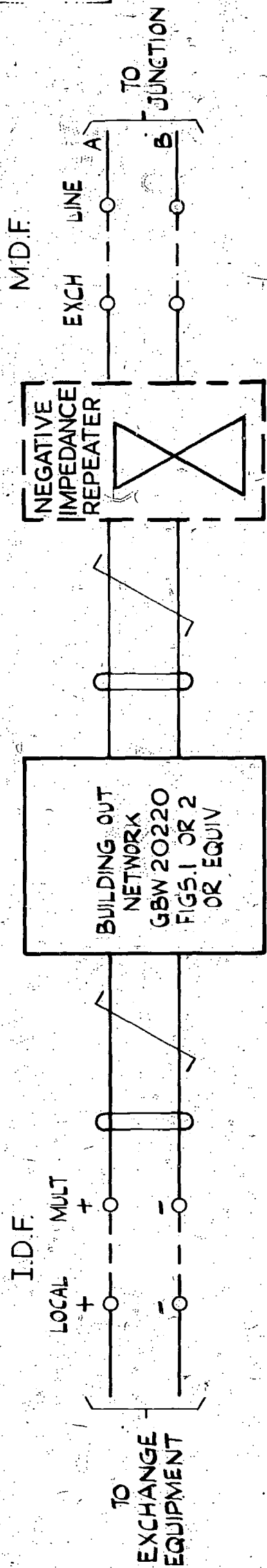
BOTHWAY CIRCUITS VIA
NEGATIVE IMPEDANCE REPEATER (VIA M.D.F. - M.D.F.)



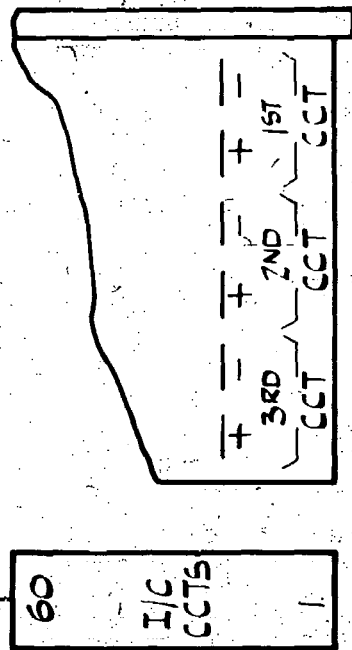
				REF -		50v	H																
				(122773)	1	28574	B9H																
				ISS	DATE	APP																	
AMENDMENT				UNLESS OTHERWISE STATED																			
<table border="1"> <tr> <td>DRN</td> <td>D.L.</td> <td>ENG</td> <td>MATERIAL</td> </tr> <tr> <td>CHK</td> <td></td> <td>CHK</td> <td>FINISH</td> </tr> <tr> <td>APP</td> <td></td> <td>APP</td> <td></td> </tr> <tr> <td>ENG</td> <td></td> <td>ENG</td> <td></td> </tr> </table>				DRN	D.L.	ENG	MATERIAL	CHK		CHK	FINISH	APP		APP		ENG		ENG		BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)			
DRN	D.L.	ENG	MATERIAL																				
CHK		CHK	FINISH																				
APP		APP																					
ENG		ENG																					
NZPO				RE/AE/52 9.2.72		GBX 20220																	
						SHT. 6.																	

FIG. G.

INCOMING CIRCUITS VIA
NEGATIVE IMPEDANCE REPEATER (VIA I.D.F. - M.D.F.)



TYPICAL MARKING
ON I.D.F.

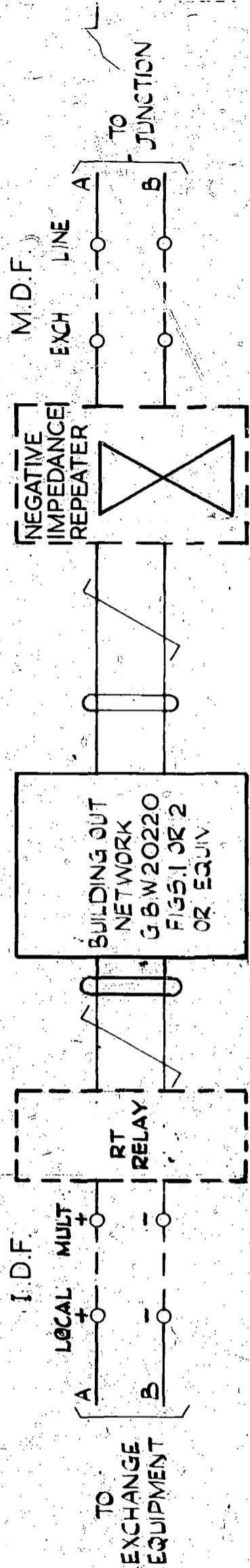


I.D.F. MULT.

A3	DRN D.L.	APPROVED	ENG	AMENDMENT	(122773)	1	28.5.74	B SH	50v H
	TR		MTH		ISS	DATE	APP		
	CHK		DRFT						
	ENG	DEPT	BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)						
NZPO	HWR/JC/16.5.73 13.2.74				GBX 20220			SHT. 7.	

FIG.H

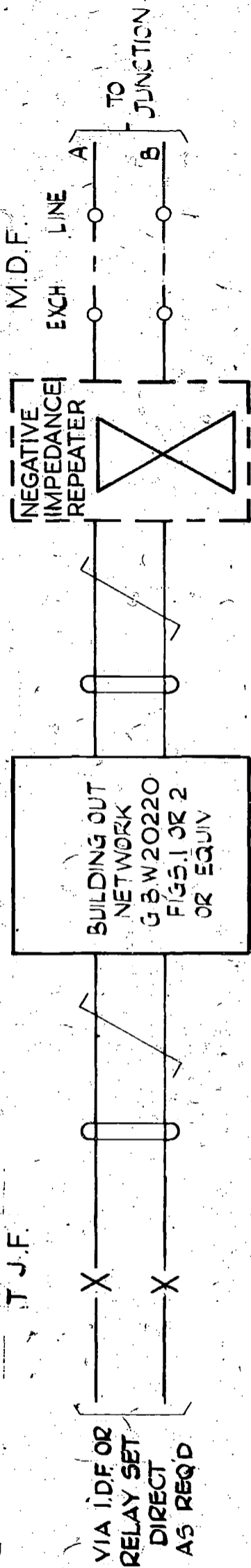
INCOMING CIRCUITS VIA RT RELAYS &
NEGATIVE IMPEDANCE REPEATER (VIA I.D.F. - M.D.F.)



A3		DRN	D.L.	ENG	AMENDMENT	(122773)	1	28574	B S H
		TR	APPROVED	MTH		ISS	DATE	APP	
		CHK	DEPT	DRFT	BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)				
NZPO		HWR/JC/16.5.731 13.2.74			GBX 20220 5HT.8				

FIG. J.

OUTGOING CIRCUITS VIA
NEGATIVE IMPEDANCE REPEATER (VIA T J.F. - M.D.F. OR I.D.F. - M.D.F.)



A3		DRN D.L.	ENG						
	TR		MTH						
	CHK		DRFT						
	ENG	DEPT							
				BUILDING OUT NETWORK (900ohms IMPEDANCE TO EXCH.)					
NZPO	HWR/JC/16.5.73/ 13.2.74			(122773)	1	28.574	BSH		
				ISS	DATE	APP			
GBX 20220 SHT. 2									