

MEMORANDUM

5

FROM A. Leeming, No.1 Group Planning Engineer.

Our Ref. AL/BD.

TO See Distribution List.

Your Ref. _____

Subject Chatterley Whitfield Colliery.
8690' Horizon - Drawing Nos. 1374/50 & 1375/50
Hesketh Main Crut to Banbury/Moss Crut -
Connection & Junctions.

Date 15th October, 1959.

Please find enclosed one copy of each of the
above plans.

NATIONAL COAL BOARD
RECEIVED
16 OCT 1959

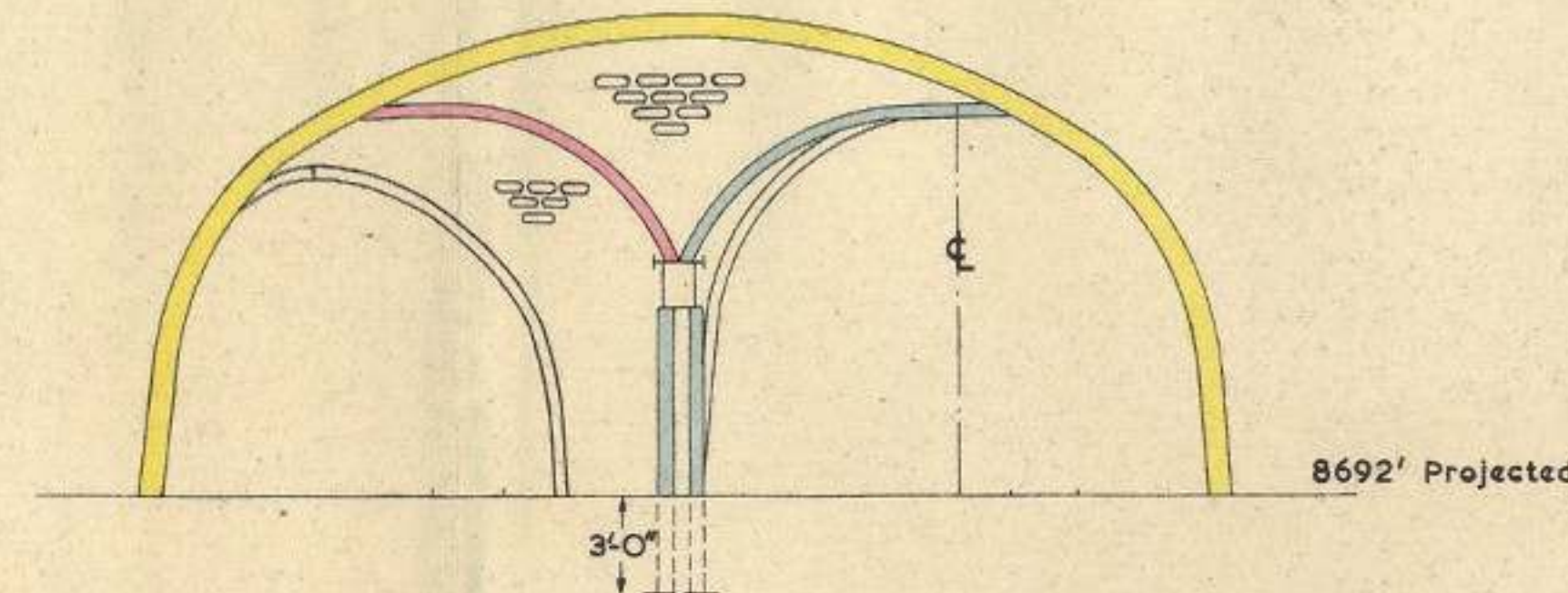
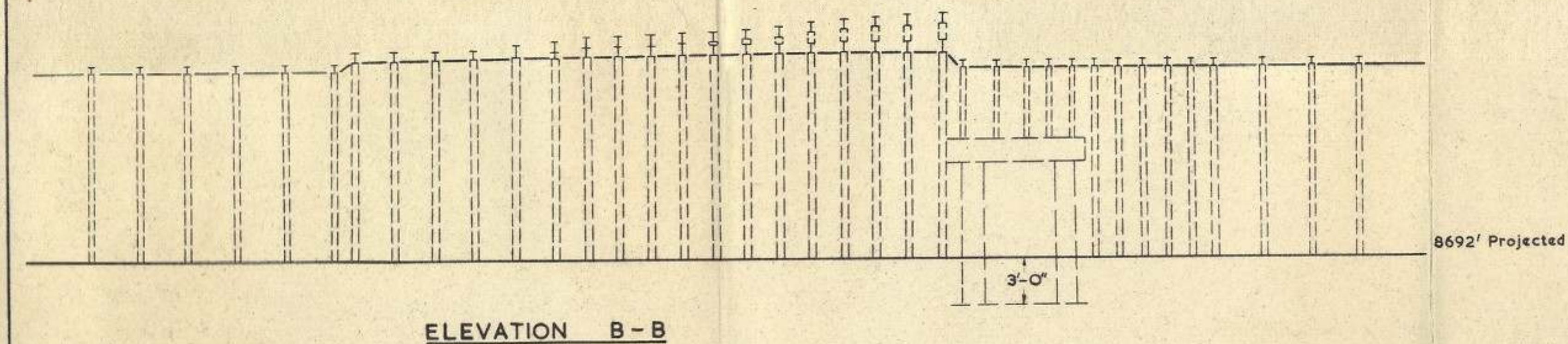
MANAGER'S OFFICE
CHATTERLEY-WHITFIELD COLLIERY

A. Leeming.

No.1 Group Planning Engineer.

Distribution to: Messrs. F. Dikes, P. Smallman, G. Haslett, A. Brockley, R. Walley.

cw/s/a



SECTION A	
Special Three Section Junction Arches (As per Drg. No. 695/5)	
Arch No.	No. of Arches Required
1	3
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
8"x 6" Section	

Note: All arches fitted with 18" dia. Foot Sausers

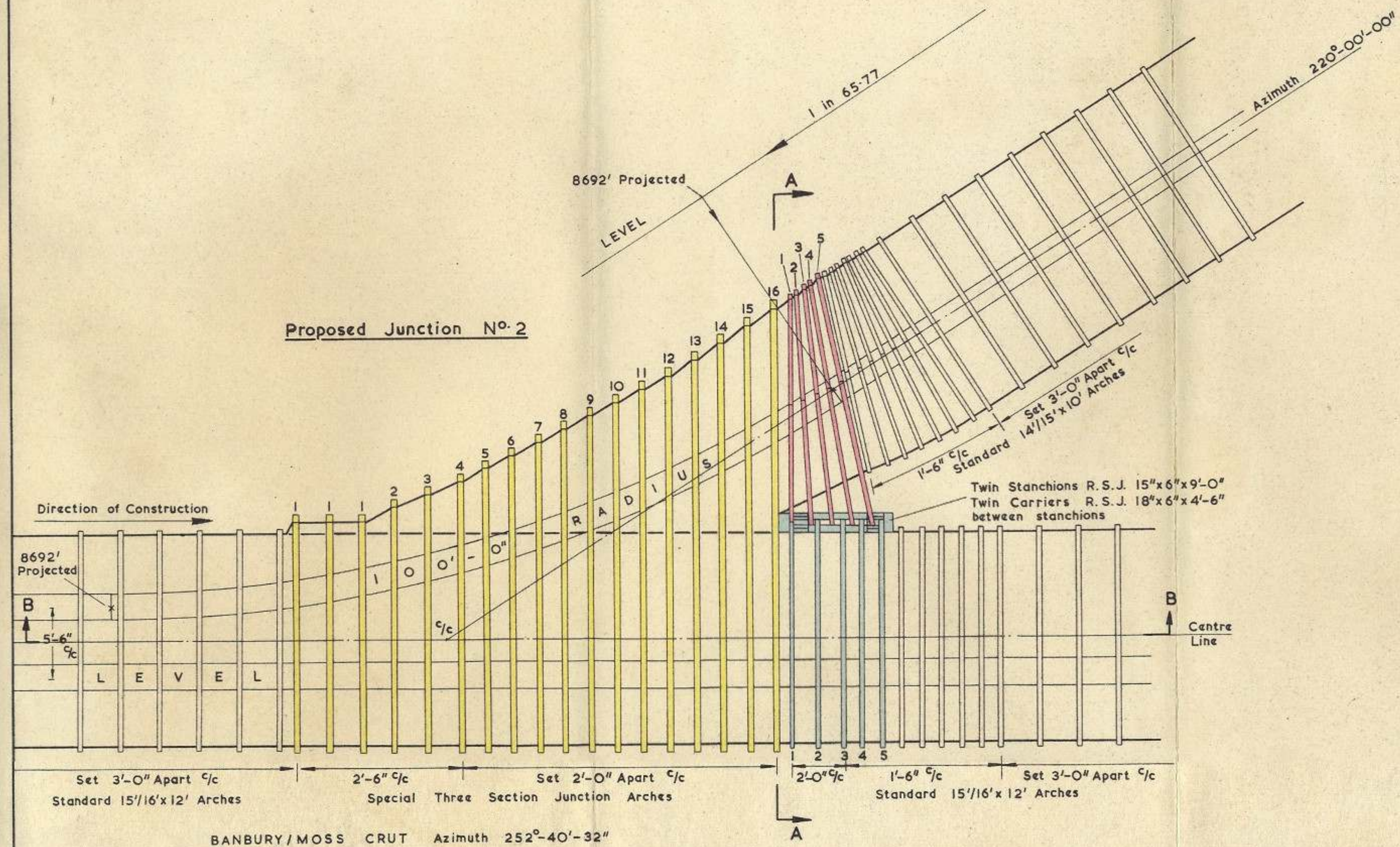
SECTION B		Using Standard 15'/16'x12' Arches			
		'LEFT'		'RIGHT'	
Arch No.		'x' cut off	'y' cut off	'x' cut off	'y' cut off
1		2'-2"	3'-11"	-	-
2		2'-2"	3'-7"	-	-
3		2'-2"	3'-7"	-	-
4		2'-2"	3'-7"	-	-
5		2'-2"	3'-7"	-	-

Note: 'Left' arch to be inverted after 'cut off' and special fishplate constructed
Strut-holes to be rebored where necessary

SECTION C		Using Standard 15'/16'x12' Arches			
		'LEFT'		'RIGHT'	
Arch No.		'x' cut off	'y' cut off	'x' cut off	'y' cut off
1		-	-	2'-2"	3'-9"
2		-	-	2'-2"	3'-1"
3		-	-	2'-2"	2'-8"
4		-	-	2'-2"	2'-2"
5		-	-	2'-2"	1'-8"

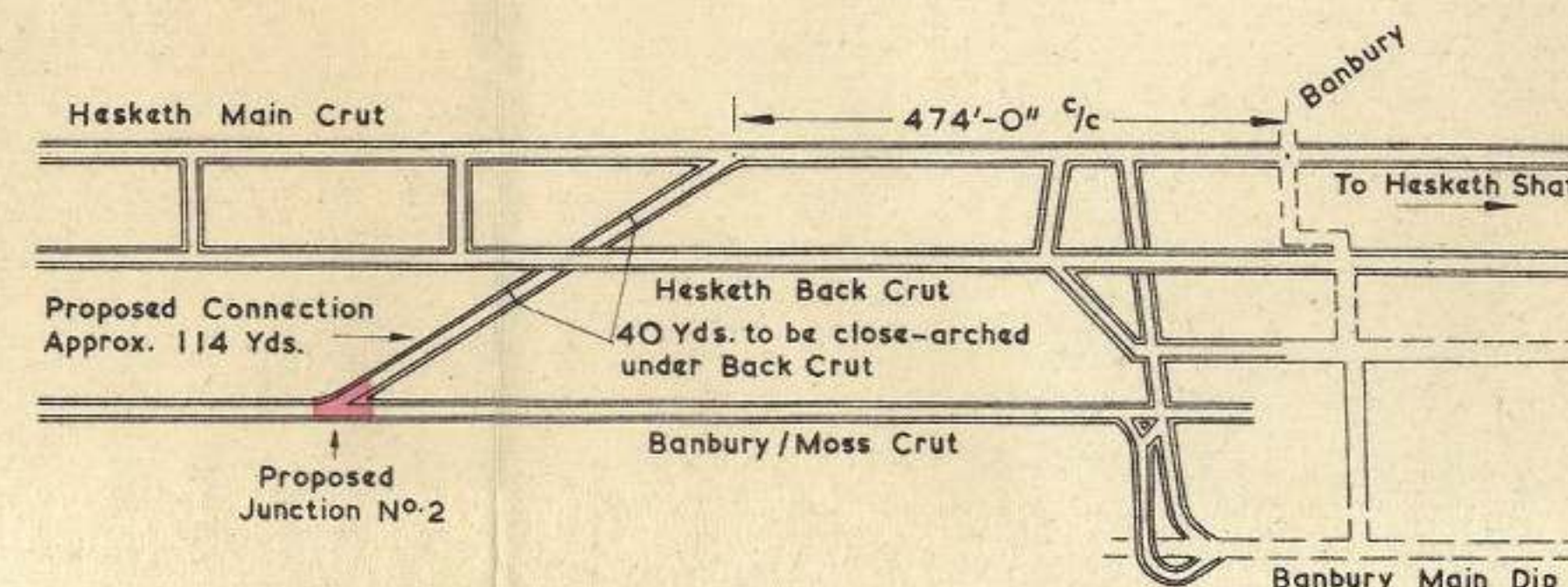
Note: 'Right' arch to be inverted after 'cut off' and special fishplate constructed
Strut-holes to be rebored where necessary

Proposed Junction No. 2



CONSTRUCTION ASSOCIATED WITH ERECTION OF SPECIAL THREE SECTION ARCH JUNCTION FROM EXISTING 15'/16'x12' ARCHED ROADWAY

- SECTION A - Enlarging existing roadway with Special Three Section Junction Arches - Yellow
- SECTION B - Erection of Twin Stanchions/Carriers & Associated Arches - Blue
- SECTION C - Erection of Arches and 'inverts' onto Twin Carriers - Red



KEY PLAN Scale: 1-2500

SECTION A	
<u>Special Three Section Junction Arches</u> (As per Drg.No:695/5)	
Arch No.	No.of Arches Required
1	3
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
8"x 6" Section	

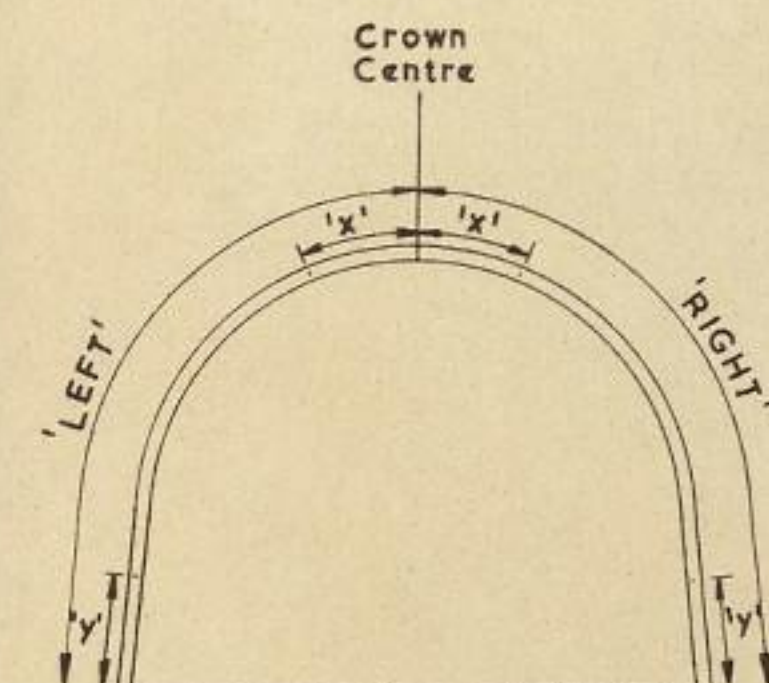
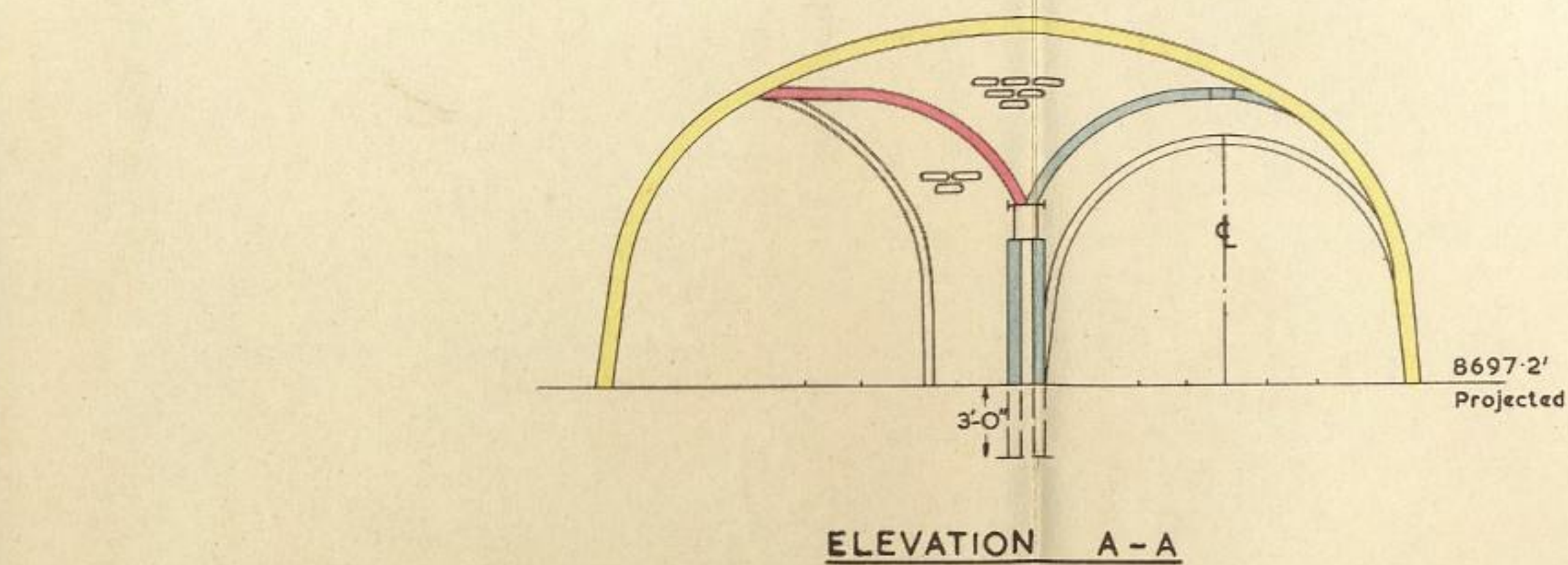
Note: All arches fitted with 18" dia. Foot Saucers

SECTION B		Using Standard 15/16"x12' Arches			
		'LEFT'		'RIGHT'	
Arch No.		'x' cut off	'y' cut off	'x' cut off	'y' cut off
1		2'-2"	4'-9"	-	-
2		2'-2"	4'-5"	-	-
3		2'-2"	4'-5"	-	-
4		2'-2"	4'-5"	-	-
5		2'-2"	4'-5"	-	-

Note: 'Left' arch to be inverted after 'cut off' and special fishplate constructed
Strut-holes to be rebored where necessary

SECTION C		Using Standard 15/16"x12' Arches			
		'LEFT'		'RIGHT'	
Arch No.		'x' cut off	'y' cut off	'x' cut off	'y' cut off
1		-	-	2'-2"	2'-8"
2		-	-	2'-2"	2'-0"
3		-	-	2'-2"	1'-7"
4		-	-	2'-2"	1'-1"
5		-	-	2'-2"	0'-7"

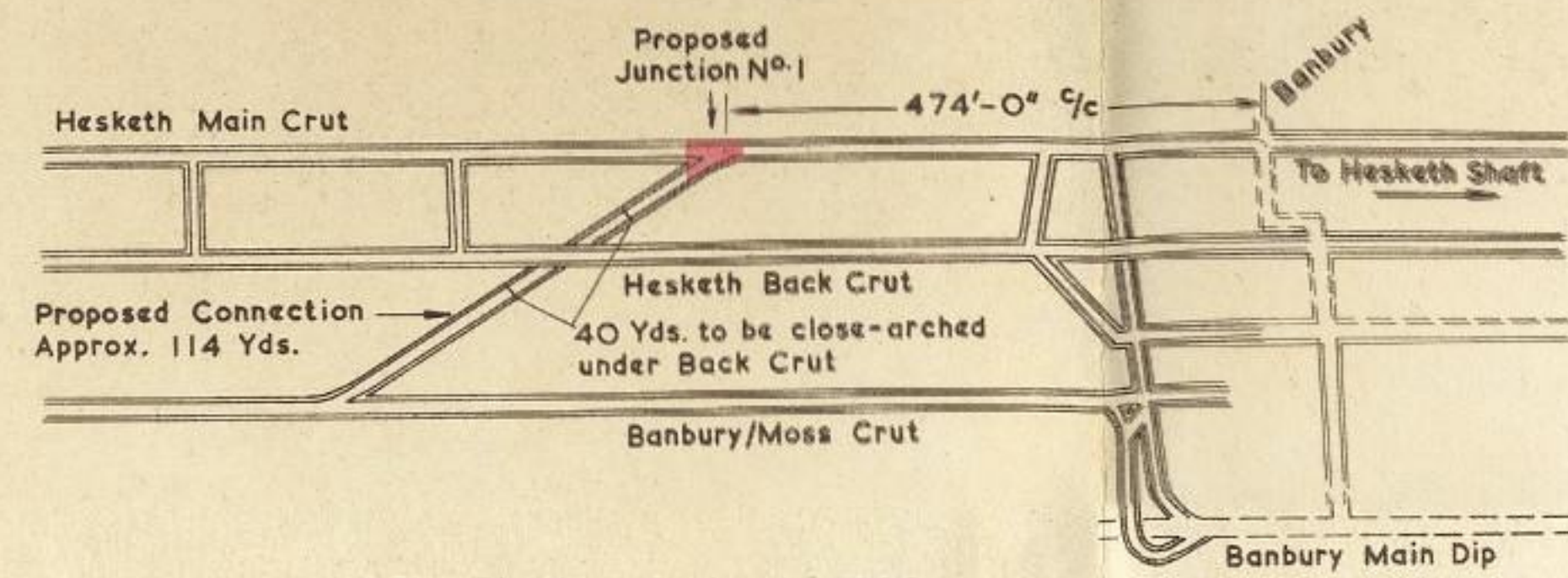
Note: 'Right' arch to be inverted after 'cut off' and special fishplate constructed
Strut-holes to be rebored where necessary



'Left' and 'Right' in Direction of Construction
'x' denote arch cut off measured from crown centre
'y' —do— —do— from foot of arch
All arches to be reference numbered before leaving fitting shops i.e. C,R,3
C = Section C ; R = Right hand side ; 3 = Arch No. 3

CONSTRUCTION ASSOCIATED WITH ERECTION OF SPECIAL THREE SECTION
ARCH JUNCTION FROM EXISTING 14'/15'x10' ARCHED ROADWAY

- SECTION A - Enlarging existing roadway with Special Three Section Junction Arches - Yellow
- SECTION B - Erection of Twin Stanchions/Carriers & Associated Arches - Blue
- SECTION C - Erection of Arches and 'inverts' onto Twin Carriers - Red



KEY PLAN Scale: 1-2500

