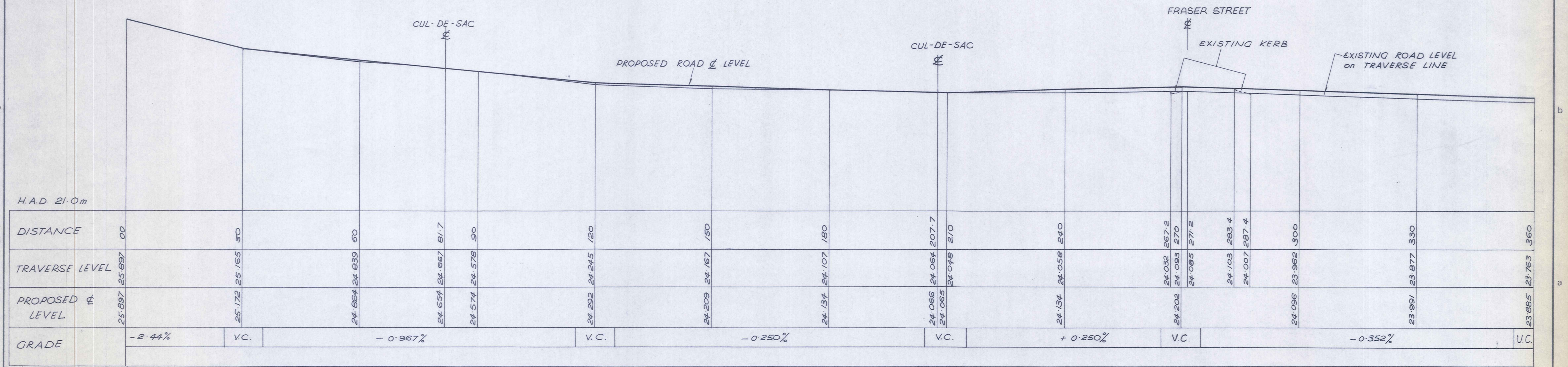


PLAN
Scale 1:500

NOTE
DATUM is ASSUMED TAKEN
from NAYLOR STREET SURVEY

NOTE
CONTRACTOR to CONFIRM LOCATION
of ALL EXISTING SERVICES



LONGITUDINAL SECTION
Horiz 1:500
Scale Vert 1:50

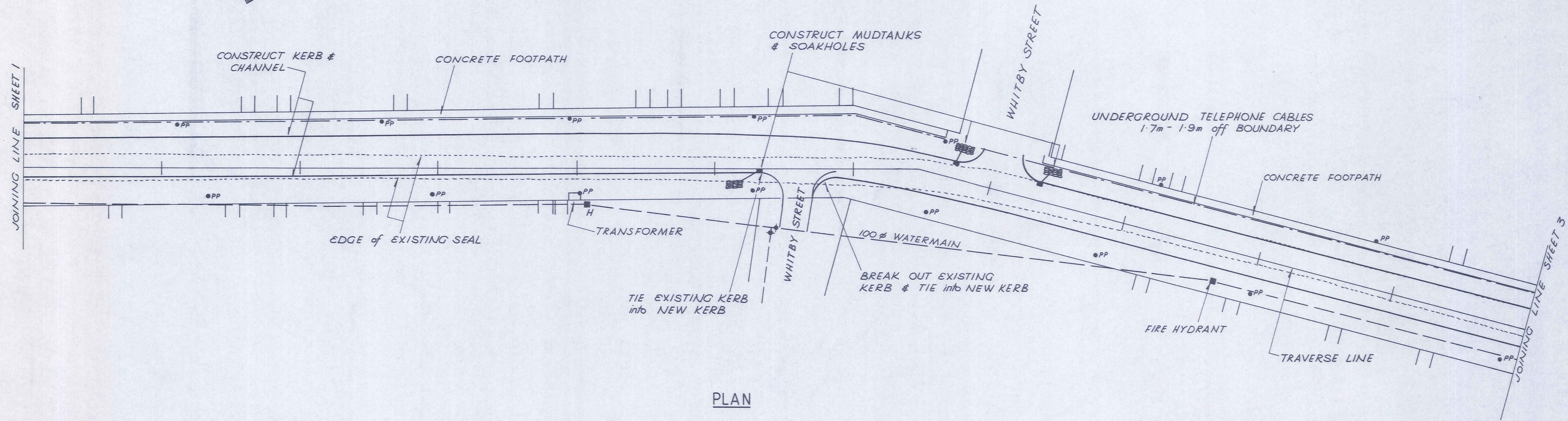
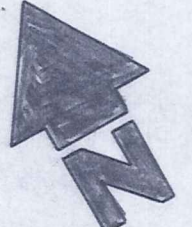
DUFFILL WATTS & KING LTD
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Dunedin P.O. Box 5269 Ph. 777-133 Invercargill P.O. Box 576 Ph. 83-049
Alexandra P.O. Box 313 Ph. 6819

VINCENT
COUNTY COUNCIL

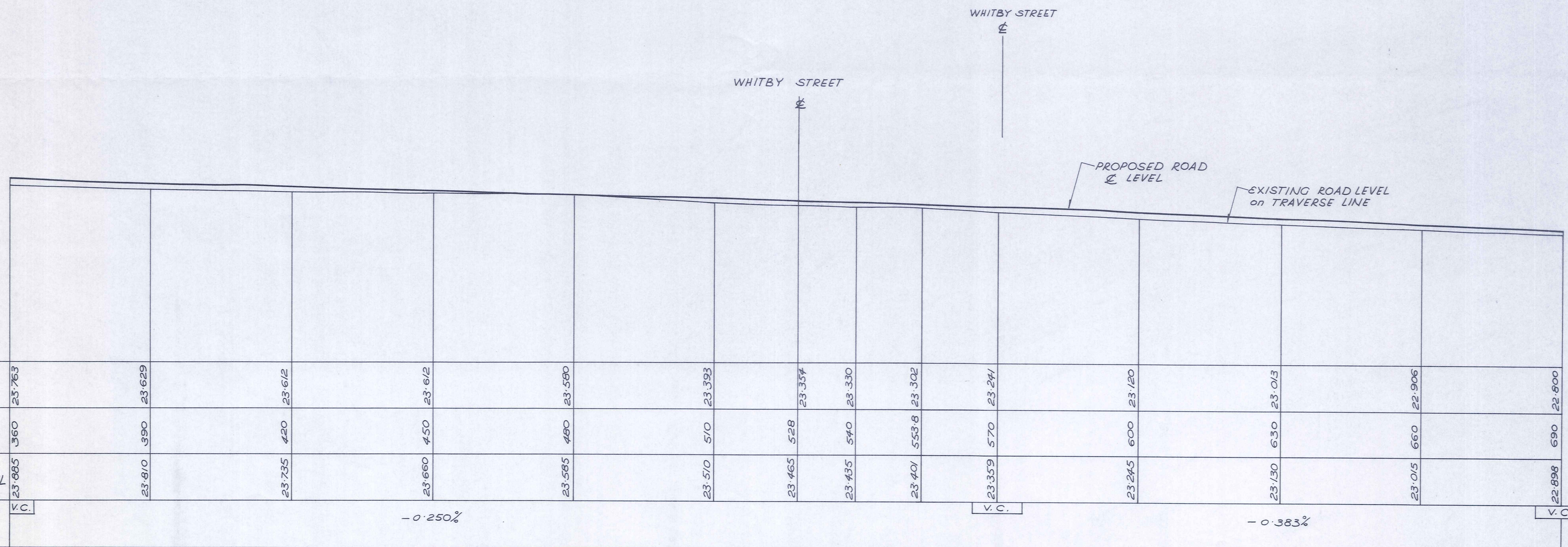
HAZLETT STREET CLYDE
RECONSTRUCTION

AMENDMENTS			NAME		DATE	JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed	M. BLAIR & B. HAWKINS	13079	1
			Drawn	B. HAWKINS	SEPTEMBER 02		
				Calculations			
				Traced	P. DUNSTAN & M. H. CASSIDY		of 5 shts
				Checked			
				Approved		File 4043 L.B. 413	F.B.

1 2 3 4 5 6 7 8 9
 360 390 420 450 480 510 540 570 600 630 660 690



PLAN
 Scale 1:500



LONGITUDINAL SECTION

Scale Horiz. 1:500
 Vert. 1:50

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 COUNTY COUNCIL

HAZLETT STREET - CLYDE
 RECONSTRUCTION

AMENDMENTS				NAME	DATE	JOB NO.	Sheet No	
NO.	BY	DATE	Appvd.	Surveyed	M. BLAIR & B. HAWKINS	SEPTEMBER '82	13079	
				Drawn	B. HAWKINS	" "		
				Calculations			2	
				Traced	M. H. CASSIDY	JUNE '84		
				Checked	[Signature]	Sept '84		
				Approved	[Signature]	" "		
						File 4043	L.B. 413	F.B.

1

2

3

4

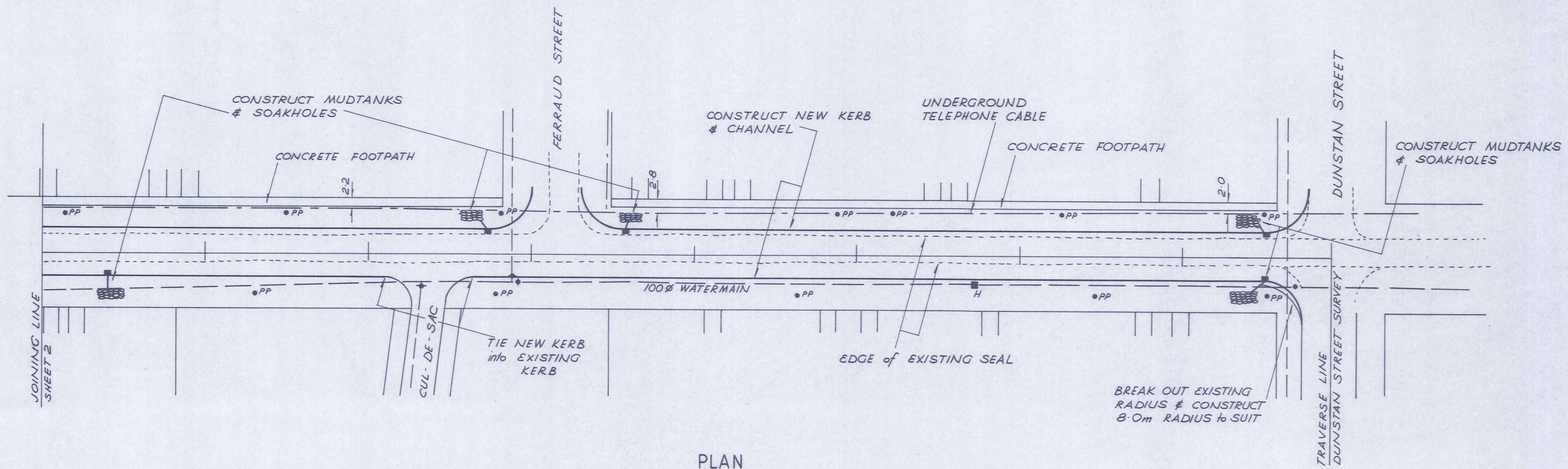
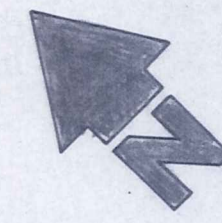
5

6

7

8

9



PLAN
Scale 1:500

		PROPOSED ROAD LEVEL										19.038 LEVEL DUNSTAN STREET SURVEY
H.A.D. 18.00												
TRAVERSE LEVEL	22.600	22.756	22.701		22.606	22.498	22.448	22.313	22.213	22.216		
DISTANCE	690	720	750	761	780	810	840	870	900	927.5		
PROPOSED LEVEL	22.698	22.625	22.750	22.723	22.675	22.600	22.502	22.404	22.306	22.216		
GRADE	V.C.	- 0.250%					- 0.327%					

LONGITUDINAL SECTION

Scale Horiz 1:500
Vert 1:50

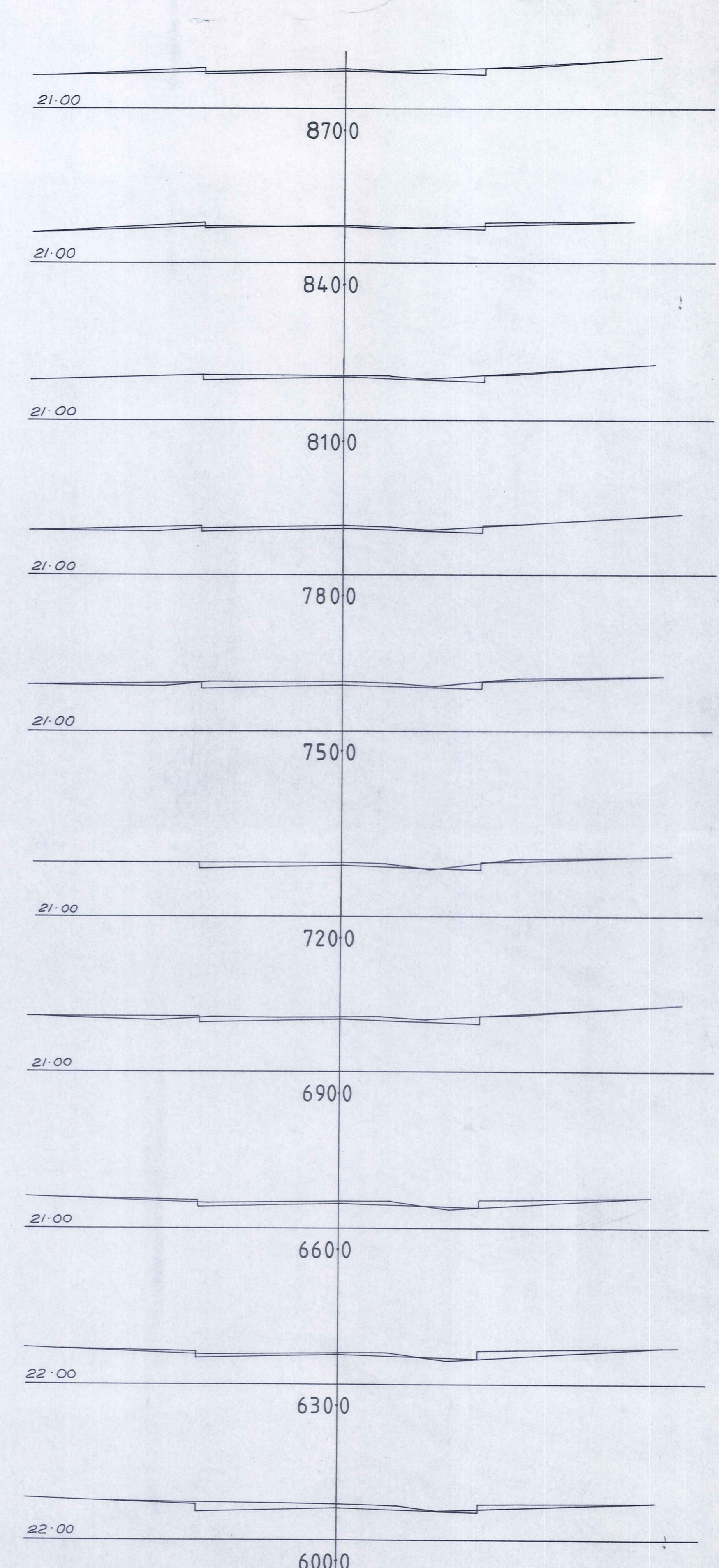
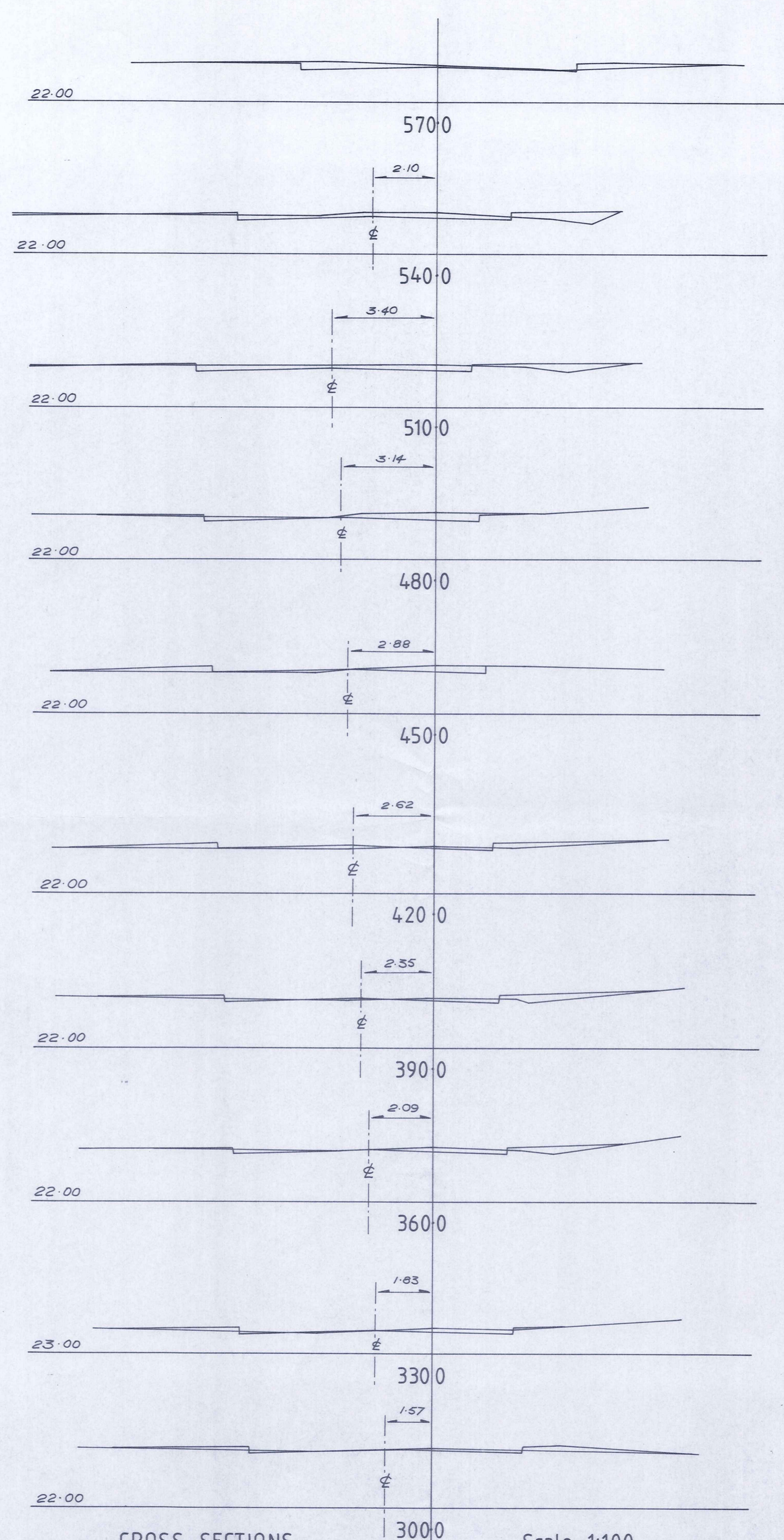
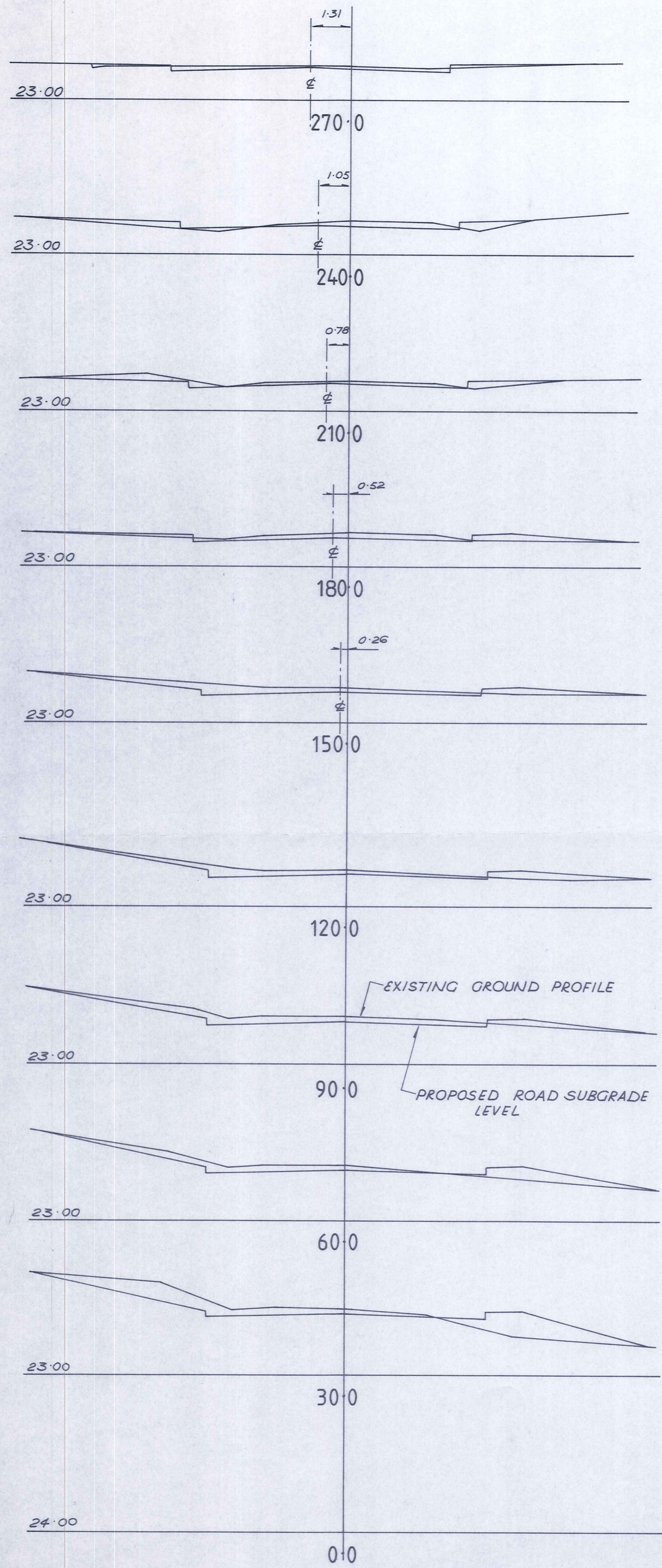
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COUNTY COUNCIL

HAZLETT STREET - CLYDE
RECONSTRUCTION

AMENDMENTS				NAME		DATE	JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed	M. BLAIR & B. HAWKINS	SEPTEMBER '02	13079	3
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				Calculations				
				Traced	M.J. CASSIDY	JUNE '04		
				Checked		Sept '04	File 4043	L.B. 413
				Approved			F.B.	

of 5 sheets



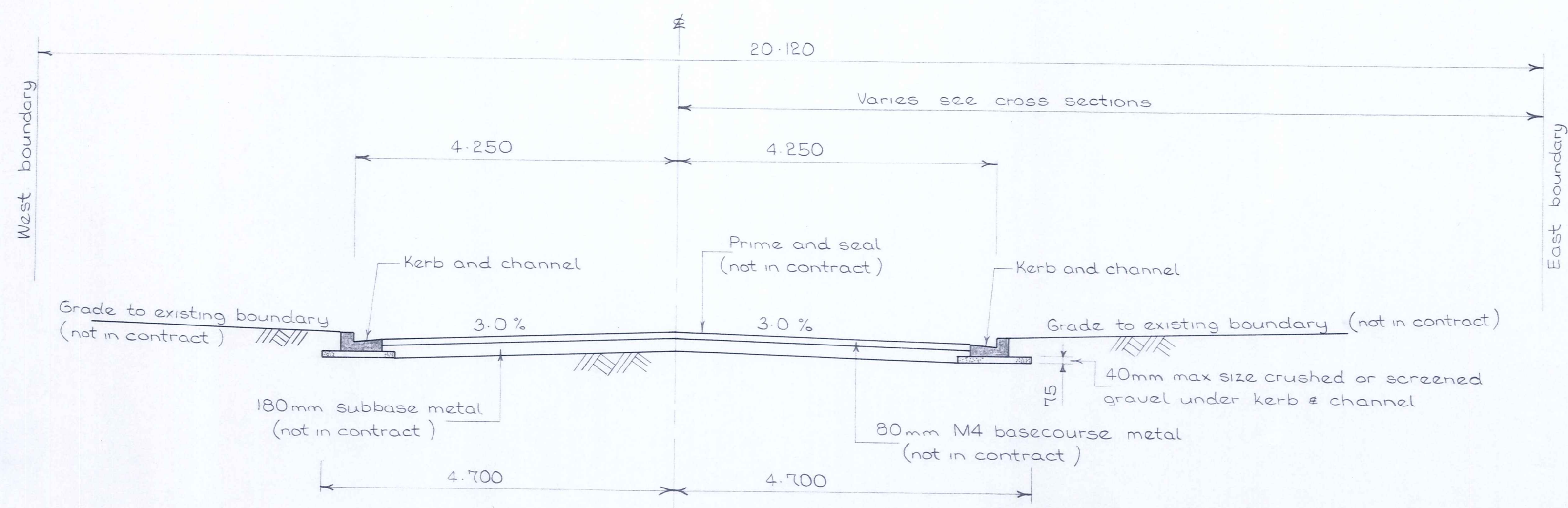
CROSS SECTIONS Scale 1:100

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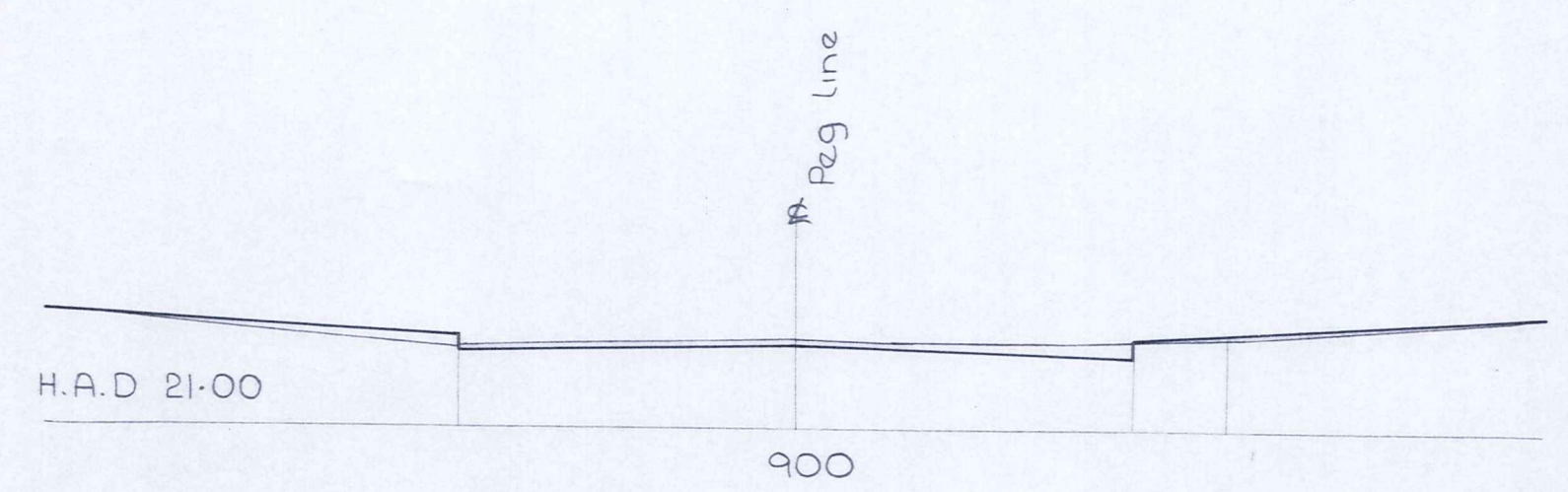
VINCENT
COUNTY COUNCIL

HAZLETT STREET - CLYDE
RECONSTRUCTION

AMENDMENTS				NAME		DATE	JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed	M. BLAIR & B. HAWKINS	SEPTEMBER '82	13079	4
				Drawn	B. HAWKINS	" "		
				Calculations				of 5 shts
				Traced	M. J. CASSIDY	JUNE '84		
				Checked	[Signature]	Sept. '84	File 4043	
				Approved	[Signature]		L.B. 413	F.B.

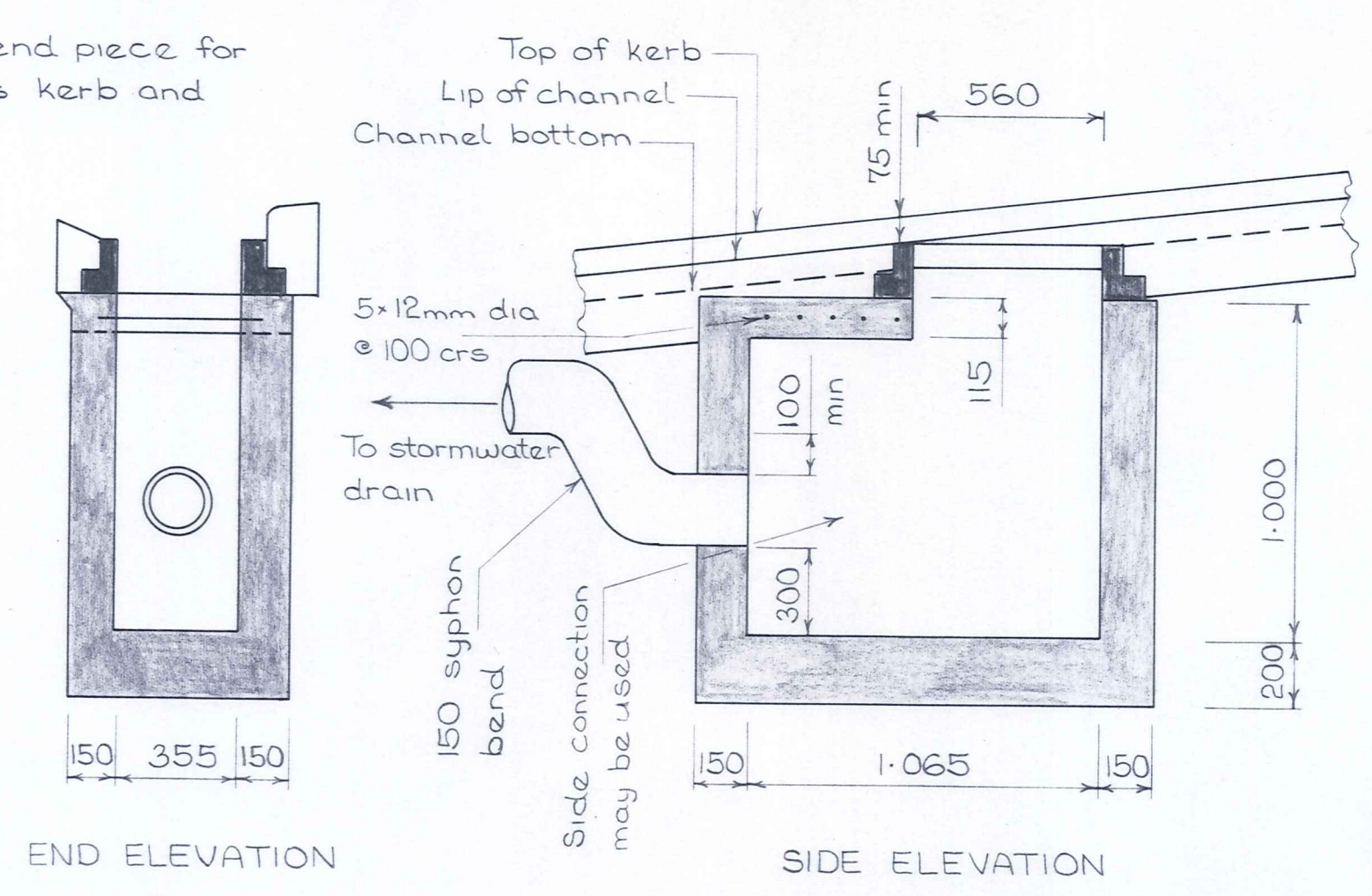


TYPICAL CROSS SECTION Scale 1:50

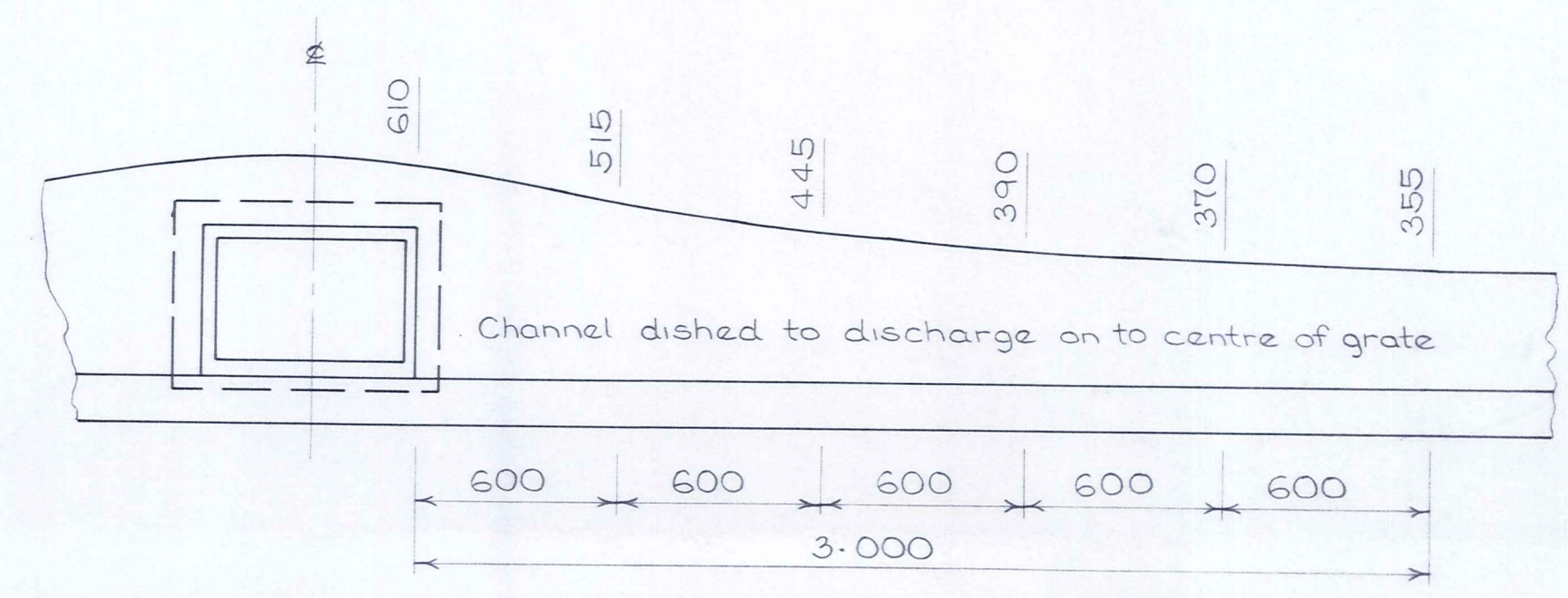


CROSS SECTION Scale 1:100

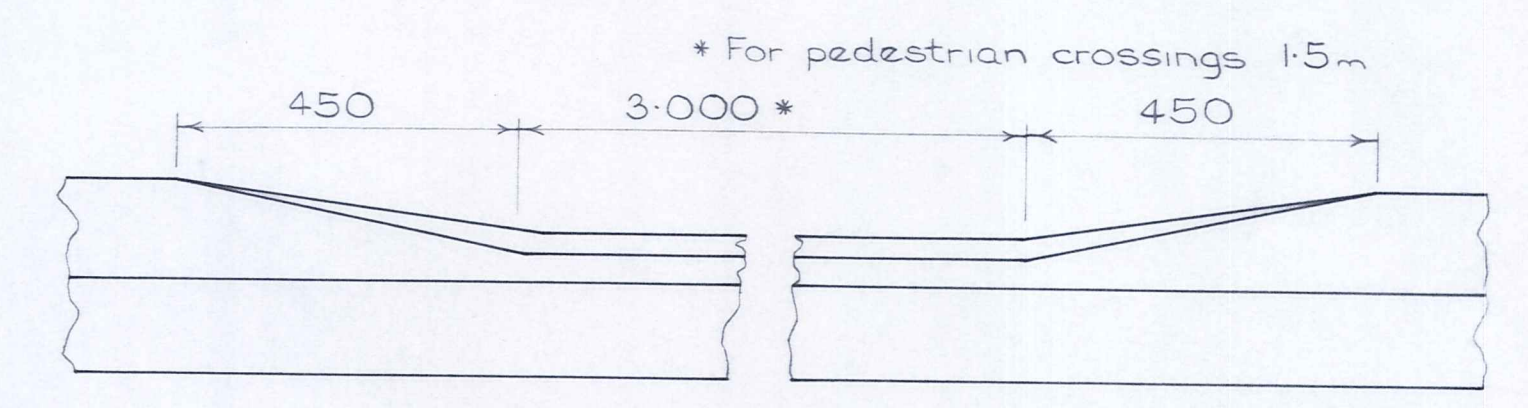
150mm wide end piece for non-continuous kerb and channel



No 2 MUDTANK Scale 1:200

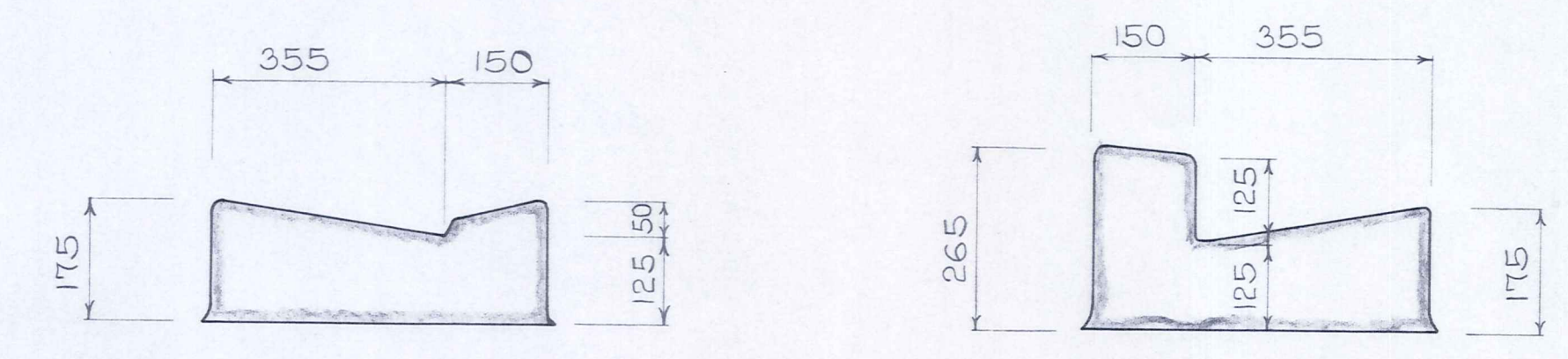


PLAN OF CHANNEL AT MUDTANKS



DROP KERB CROSSING Scale 1:100

Note: Length of crossings 3.0m
Invert must be on grade
Concrete strength 20 mPa @ 28 days



DROP VEHICLE CROSSING Scale 1:10
STANDARD KERB & CHANNEL

AMENDMENTS				NAME DATE		JOB NO.	Sheet No
NO.	BY	DATE	Appvd.	Surveyed		13079	5
				Drawn			
				Calculations			
				Traced	S.K. 9-84		
				Checked	Sept. 84		
				Approved		File 4043	L.B. 413 F.B.