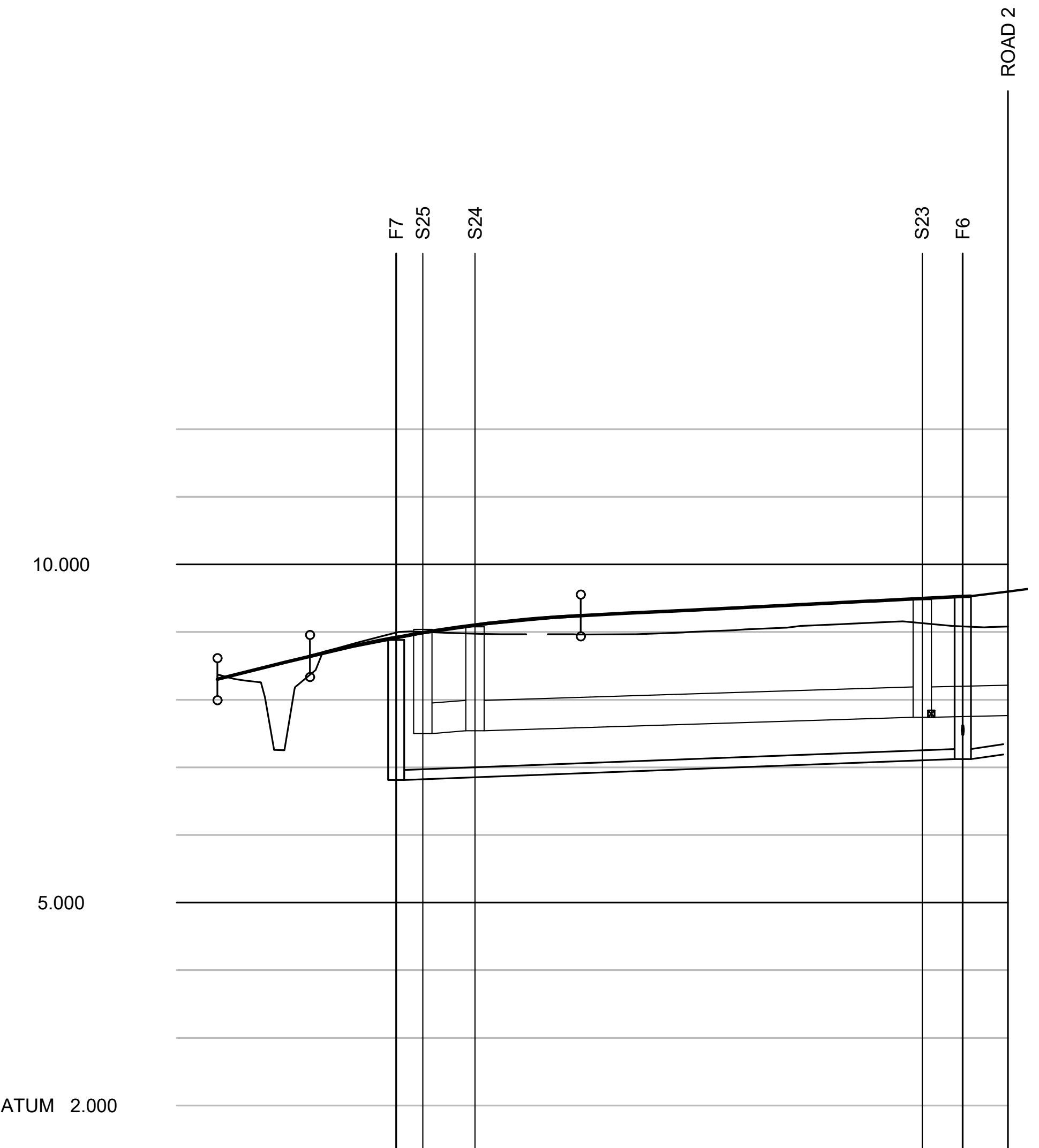
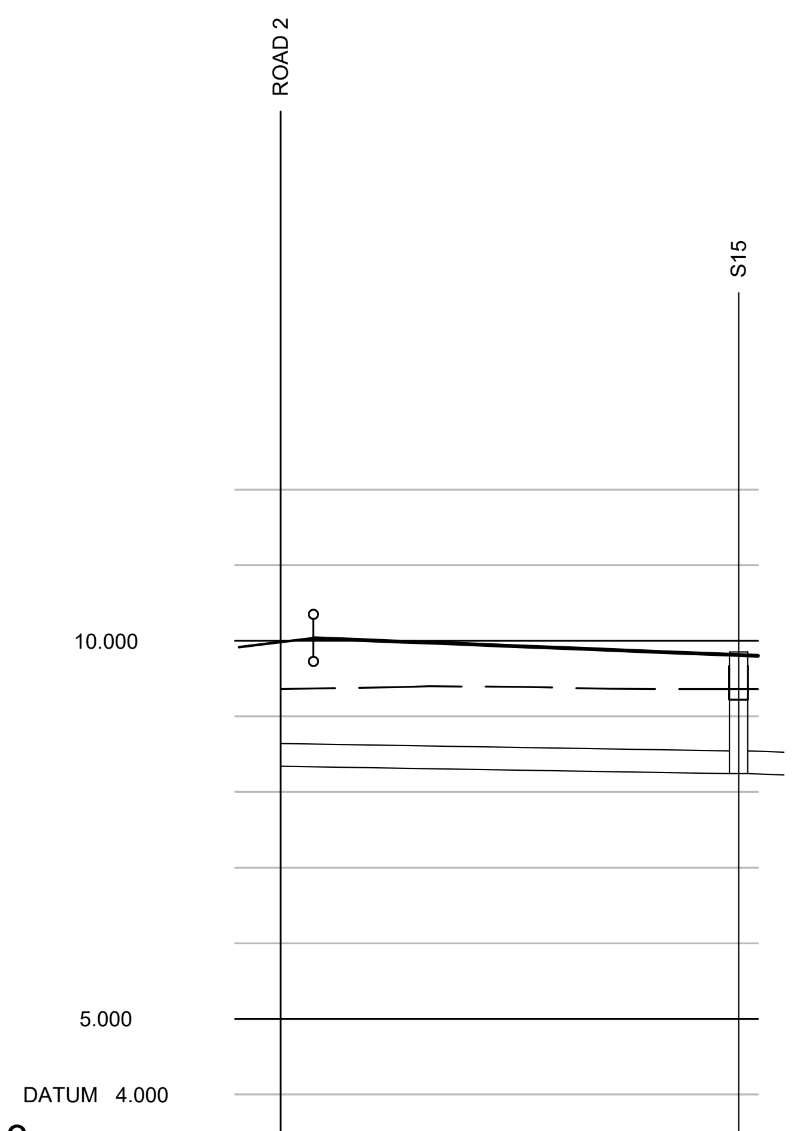


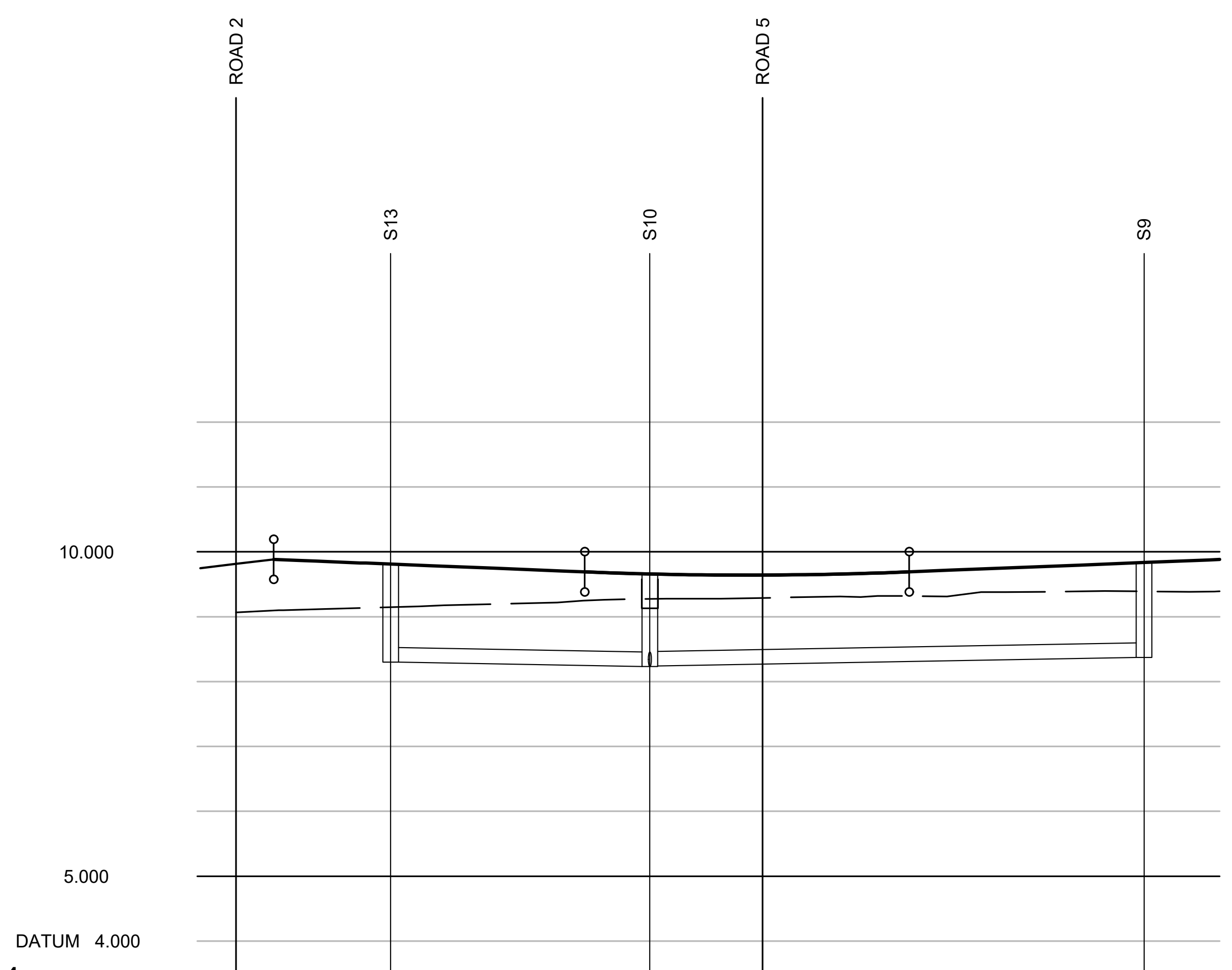
ROAD 1

CHAINAGE	0.000 0.001 4.903 6.840 8.928 10.000 13.212 15.000 15.183 19.038 20.000 25.000 26.840 30.000 40.000 48.244 50.000 52.072 55.072 58.406
EXISTING GROUND LEVEL	8.345 8.826 8.970 8.967 9.047 9.151 9.081
ALIGNMENT LEVEL	8.301 8.643 8.791 8.985 9.128 9.222 9.243 9.275 9.375 9.475 9.531
VERTICAL ALIGNMENT	G= 5.000% 1: 20.0 L= 20.000 KF= -5.0 G= 1.000% 1: 100.0
HORIZONTAL ALIGNMENT	R= 50.000
LEFT HAND CHANNEL	8.476 8.716 8.910 9.053 9.147 9.200 9.250 9.300 9.350 9.382
RIGHT HAND CHANNEL	8.626 8.866 9.060 9.203 9.297 9.350 9.400 9.450 9.500 9.532 9.534
STORMWATER COVER LEVEL	9.039 9.079 9.482
STORMWATER INVERT	7.500 7.540 7.540 7.740 7.740
STORMWATER DETAILS	Pipe 2.002 Dia 450 Circular CONC 1 in 121 Pipe 2.001 Dia 450 Circular CONC 1 in 165 Pipe 2.000 Dia 450 Circular CONC 1 in 260
STORMWATER LENGTHS	4.855 33.034 13.001
FOULWATER COVER LEVEL	8.881 9.522
FOULWATER INVERT	6.811 7.121
FOULWATER DETAILS	Pipe 1.005 Dia 150 Circular CLAY 1 in 135
FOULWATER LENGTHS	41.860



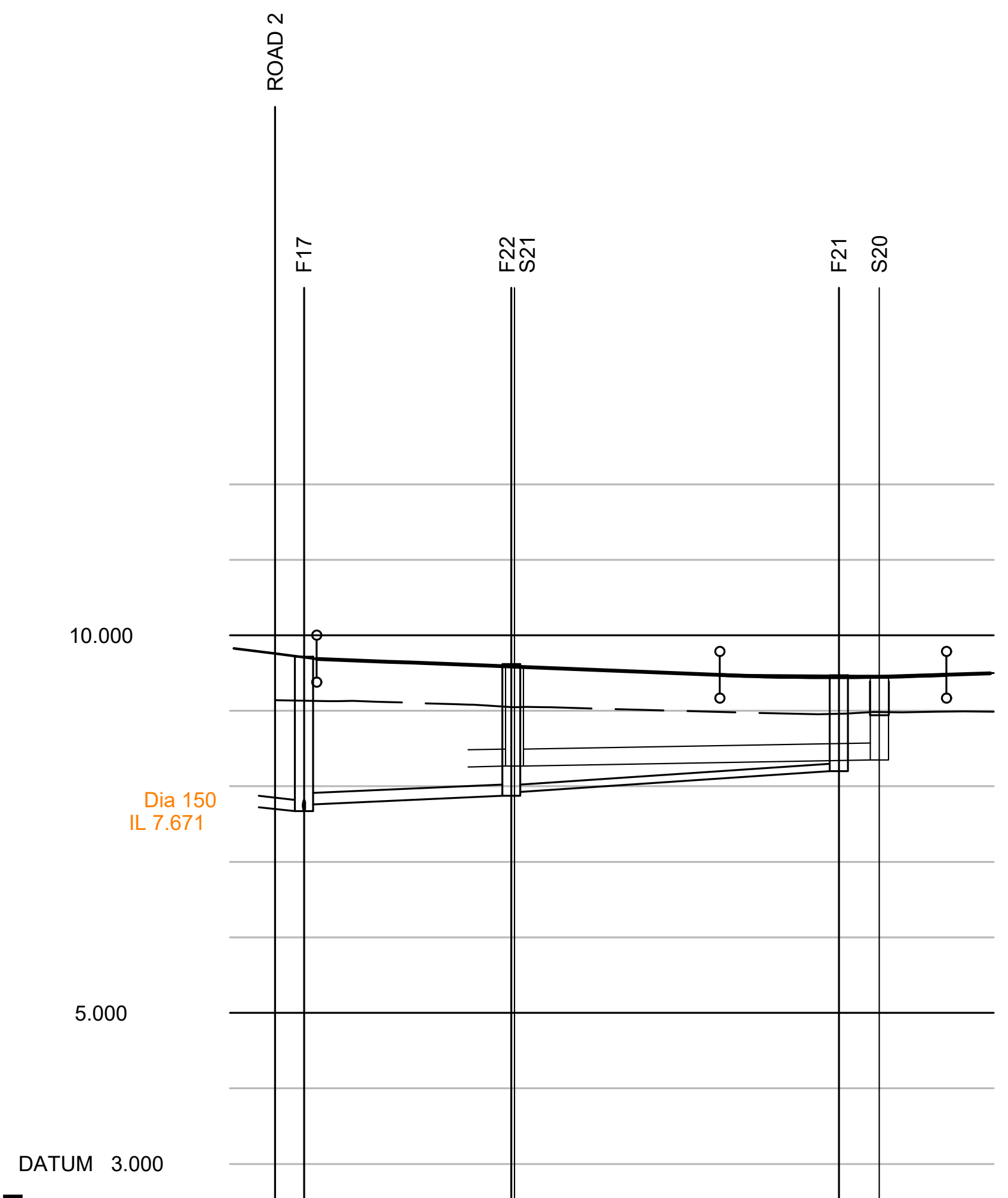
ROAD 3

CHAINAGE	0.000 2.169 7.436 10.000 11.616 20.000 30.000 30.262 31.541
EXISTING GROUND LEVEL	9.362 9.400 9.372 9.361 9.362
ALIGNMENT LEVEL	10.036 9.973 9.893 9.813 9.801
VERTICAL ALIGNMENT	G= -0.800% 1: -125.0
HORIZONTAL ALIGNMENT	
LEFT HAND CHANNEL	10.069 10.048 10.035 10.008 9.968 9.928 9.888 9.876
RIGHT HAND CHANNEL	9.885 9.858 9.818 9.778 9.738 9.726
STORMWATER COVER LEVEL	9.852
STORMWATER INVERT	8.245
STORMWATER DETAILS	Pipe 5.000 Dia 300 Circular CLAY 1 in 318
STORMWATER LENGTHS	30.305
FOULWATER COVER LEVEL	
FOULWATER INVERT	
FOULWATER DETAILS	
FOULWATER LENGTHS	



ROAD 4

CHAINAGE	0.000 2.892 6.174 9.548 10.000 11.913 20.000 26.882 30.000 31.897 35.000 39.382 40.000 40.584 45.000 50.000 51.882 60.000 70.000 70.001 75.817
EXISTING GROUND LEVEL	9.066 9.136 9.196 9.269 9.288 9.322 9.381 9.390 9.393
ALIGNMENT LEVEL	9.883 9.827 9.747 9.692 9.670 9.648 9.642 9.642 9.652 9.678 9.692 9.756 9.836 9.883
VERTICAL ALIGNMENT	G= -0.800% 1: -125.0 KF= 15.6250 L= 25.000 G= 0.800% 1: 125.0
HORIZONTAL ALIGNMENT	
LEFT HAND CHANNEL	9.797 9.770 9.767 9.727 9.687 9.647 9.610 9.588 9.582 9.592 9.618 9.656 9.696 9.736 9.776 9.816
RIGHT HAND CHANNEL	9.890 9.887 9.847 9.807 9.767 9.730 9.708 9.702 9.712 9.738 9.776 9.816 9.856 9.896 9.936
STORMWATER COVER LEVEL	9.810 9.658 9.835
STORMWATER INVERT	8.300 8.232 8.242 8.372
STORMWATER DETAILS	Pipe 4.000 Dia 225 Circular CLAY 1 in 294 Pipe 3.000 Dia 225 Circular CLAY 1 in 294
STORMWATER LENGTHS	19.984 38.104
FOULWATER COVER LEVEL	
FOULWATER INVERT	
FOULWATER DETAILS	
FOULWATER LENGTHS	



ROAD 7

CHAINAGE	0.000 1.910 2.750 7.498 8.919 10.000 11.584 15.633 15.949 17.938 20.000 30.436 30.000 31.037 35.000 36.936 37.317 39.997 40.000 44.436 47.567
EXISTING GROUND LEVEL	9.141 9.100 9.036 8.983 8.983 8.988
ALIGNMENT LEVEL	9.688 9.630 9.550 9.475 9.471 9.447 9.445 9.450 9.475 9.500
VERTICAL ALIGNMENT	G= -0.800% 1: -125.0 KF= 9.3750 L= 15.000 G= 0.800% 1: 125.0
HORIZONTAL ALIGNMENT	R= 10.000
LEFT HAND CHANNEL	9.588 9.579 9.499 9.419 9.412 9.399 9.447
RIGHT HAND CHANNEL	9.702 9.690 9.682 9.602 9.521 9.532 9.519 9.567
STORMWATER COVER LEVEL	9.587 9.448
STORMWATER INVERT	8.268 8.350
STORMWATER DETAILS	Pipe 7.000 Dia 225 Circular CLAY 1 in 294
STORMWATER LENGTHS	24.163
FOULWATER COVER LEVEL	9.715 9.620 9.473
FOULWATER INVERT	7.761 7.875 7.925 8.200
FOULWATER DETAILS	Pipe 7.001 Dia 150 Circular CLAY 1 in 124 Pipe 7.000 Dia 100 Circular CLAY 1 in 80
FOULWATER LENGTHS	14.169 21.984

NOTES

A1

1. This drawing is to be read in conjunction with all other RGP Design drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. RGP Design accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. RGP Design logos and company information must be removed from copies if information is re-used.
7. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
8. The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
9. The contractor must comply with all current legislation relating to health & safety.
10. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any RGP Design drawings, the manufacturers instructions must be used.
11. Contractor to confirm all invert levels where connections are proposed prior to commencing any drainage works. Contractor to commence drainage works at the point of discharge.

RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

1. Uncharted buried services. Contractor to use CAT prior to excavating.
2. Working in live carriageway. Contractor to implement traffic management to ensure safety of the workforce and public.
3. Working in live sewers. Contractor to ensure operatives are familiar with the dangers of working in live sewers.
4. Excavations close to existing structures. Contractor to prepare method statement to ensure stability of existing structures.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement

Rev.	Amendments	Date
-	-	-

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Drawing Status PRELIMINARY

Client Thakeham

Project Land at Lidsey Road
Woodgate, West Sussex

Drawing Title Longitudinal Sections

Scale	Date	Drawn By	Checked By
1:500/100	Jul 21	LDF	MJA

Drawing No.	Rev.
D1990-12-1	-

ARUN DISTRICT COUNCIL AL/28/22/DOC