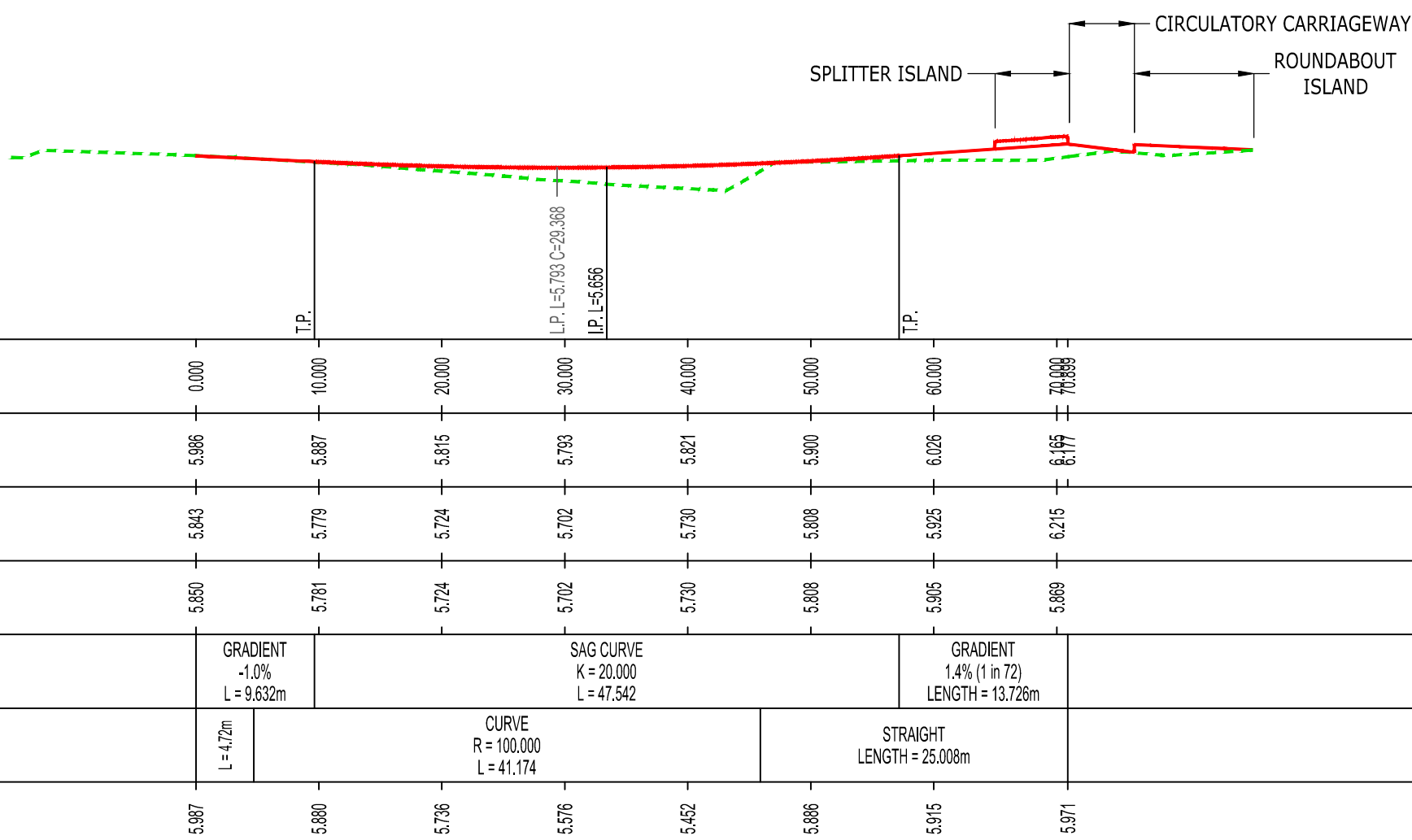


Road 1																	
Datum: 3.000M AOD																	
CHAINAGE ON CENTRELINE (m)			0.000		10.000		20.000		30.000		40.000		50.000		60.000		70.000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)			5.986		5.987		5.915		5.793		5.921		5.900		6.028		6.197
LEVELS ON LEFT HAND CHANNEL (m)			5.940		5.779		5.724		5.702		5.730		5.808		5.925		6.215
LEVELS ON RIGHT HAND CHANNEL (m)			5.950		5.781		5.724		5.702		5.730		5.808		5.905		5.899
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE			GRADIENT -1.0% L = 9.532m			SAG CURVE K = 20.000 L = 47.542								GRADIENT 1.4% (1 in 72) LENGTH = 13.726m			
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE			L = 47.2m			CURVE R = 100.000 L = 41.174					STRAIGHT LENGTH = 25.008m						
EXISTING LEVELS (m)			5.987		5.980		5.736		5.576		5.452		5.686		5.915		5.971



Road 2

Vertical Exaggeration: 5
Datum: 3.000M AOD

CHAINAGE ON CENTRELINE (m)

LEVELS ON CENTRELINE OF CARRIAGEWAY (m)

LEVELS ON LEFT HAND CHANNEL (m)

LEVELS ON RIGHT HAND CHANNEL (m)

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE

EXISTING LEVELS (m)

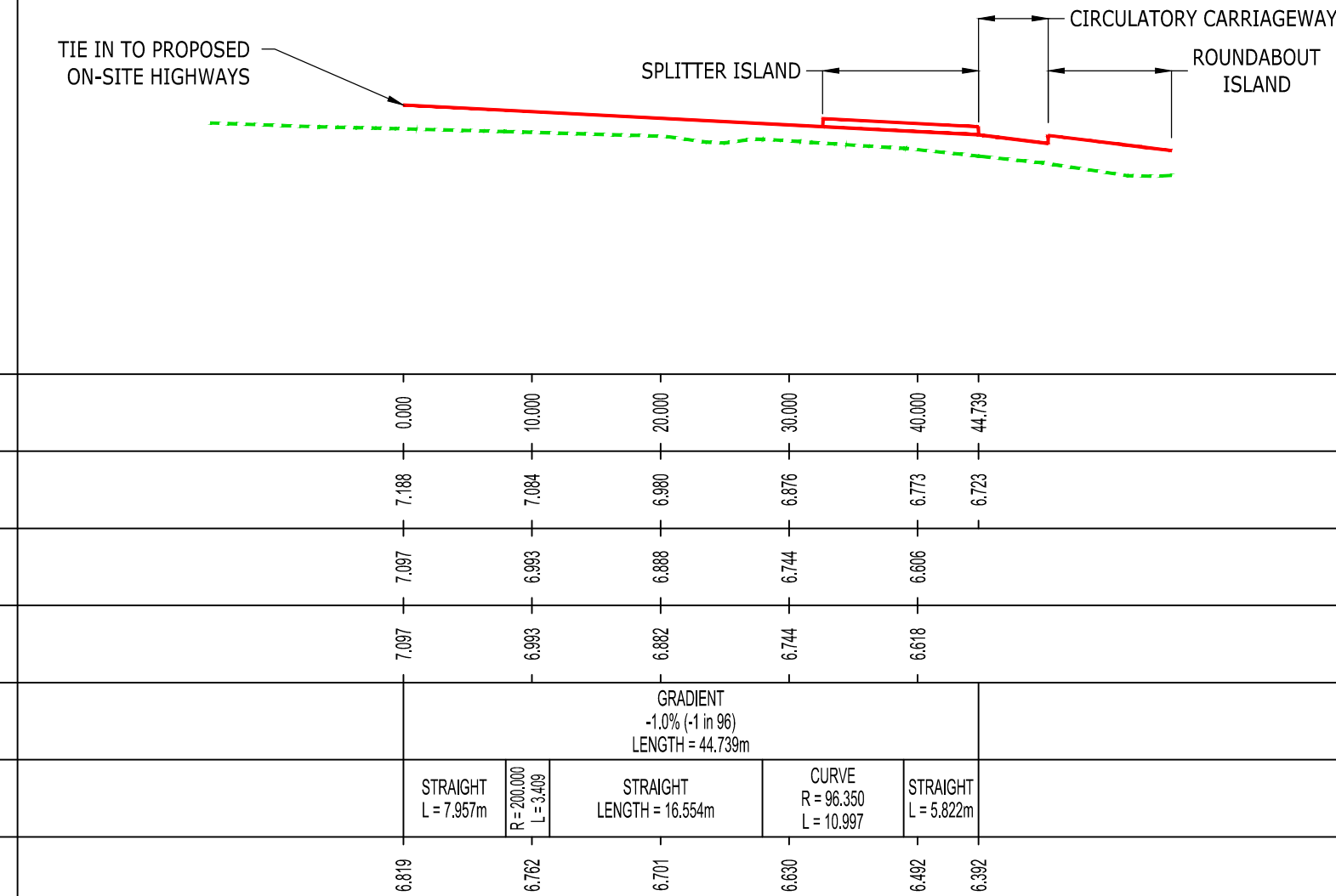
TIE IN TO PROPOSED ON-SITE HIGHWAYS

SPLITTER ISLAND

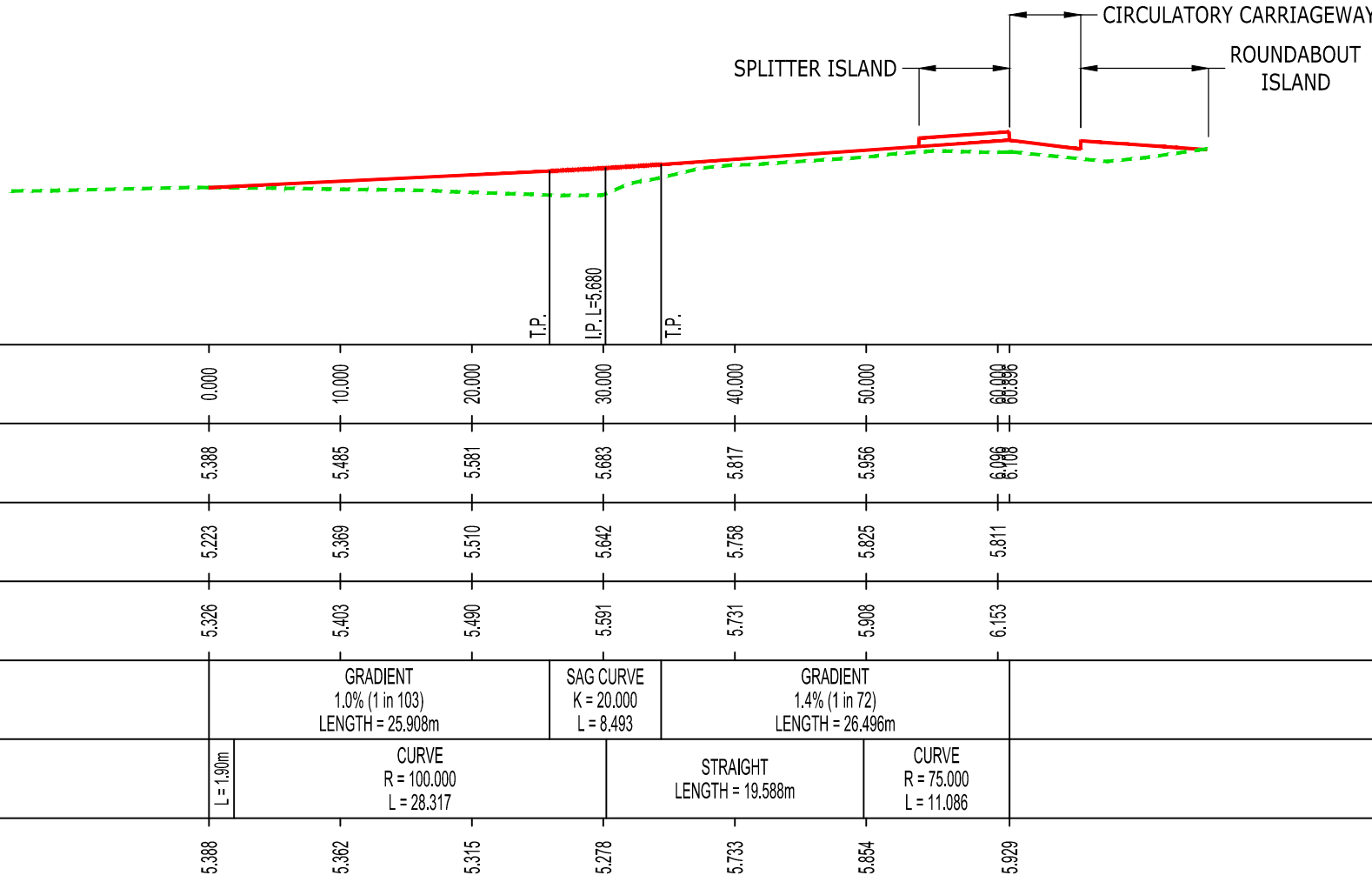
ROUNDABOUT ISLAND

CIRCULATORY CARRIAGEWAY

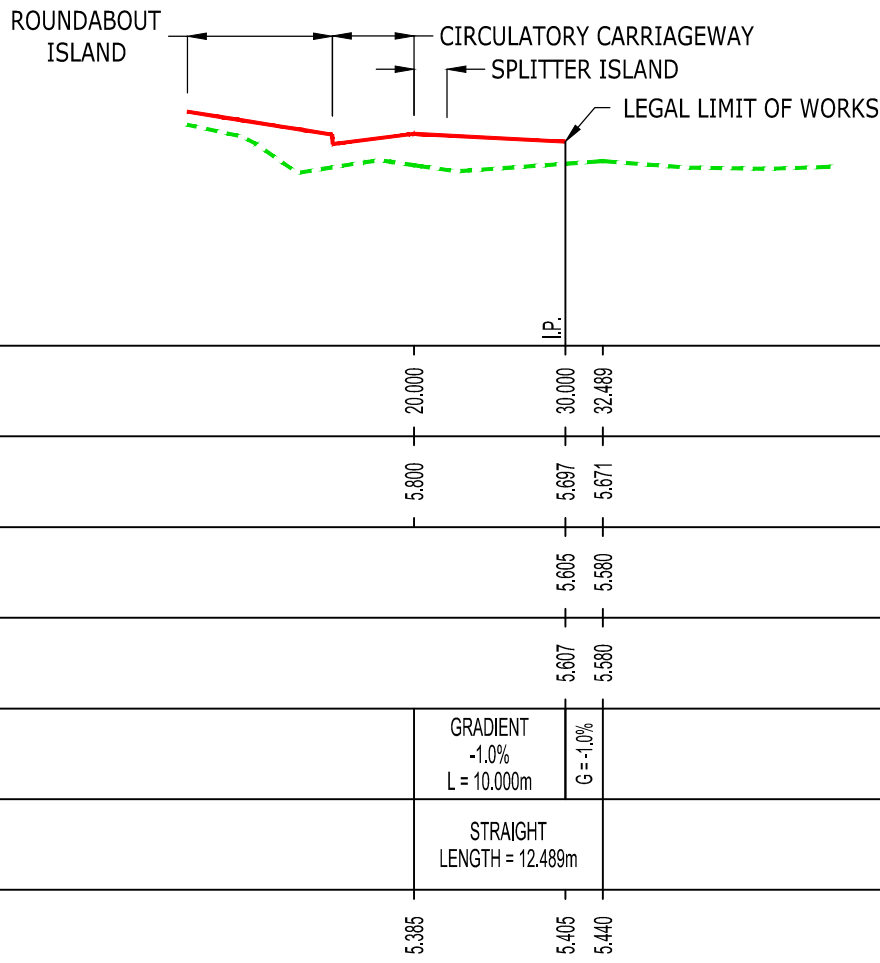
6.819	7.097	7.198	10.000	6.792	6.993	7.084	10.000	6.701	6.988	6.980	20.000	6.680	6.876	30.000	6.492	6.773	40.000	6.392	6.723	44.739
				STRAIGHT L = 7.957m R = 200.000 L = 3.495				STRAIGHT LENGTH = 16.554m				CURVE R = 98.350 L = 10.997				STRAIGHT L = 5.822m				
								GRADIENT -1.0% (-1 in 95) LENGTH = 44.739m												



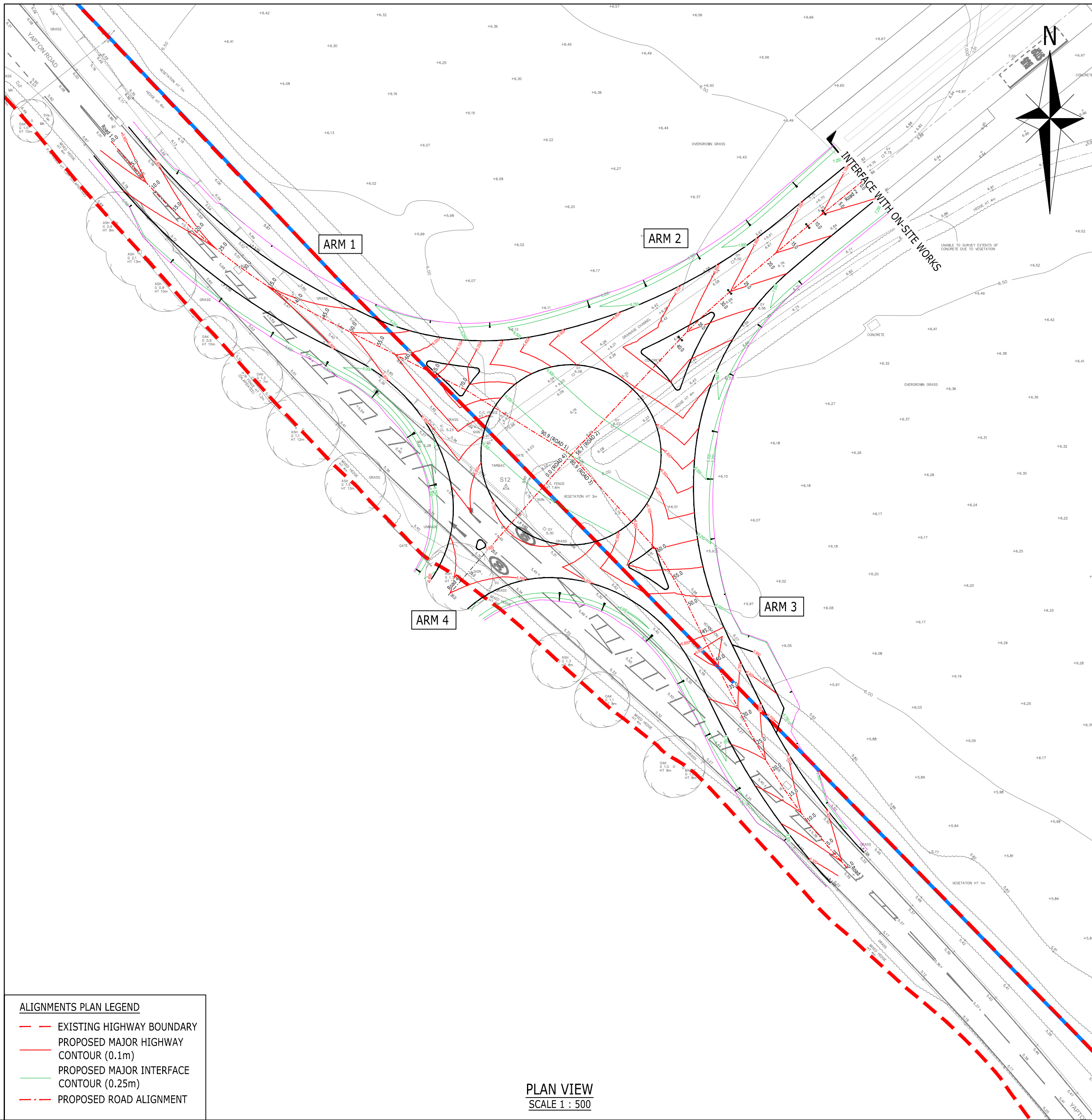
Road 3			
Datum: 3.000M AOD			
CHAINAGE ON CENTRELINE (m)		0.000	
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)		5.388	
LEVELS ON LEFT HAND CHANNEL (m)		5.223	
LEVELS ON RIGHT HAND CHANNEL (m)		5.326	
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		GRADIENT 1.0% (1 in 103) LENGTH = 25.303m	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	L = 150m CURVE R = 100.000 L = 28.317	SAG CURVE K = 20.000 L = 8.493	
EXISTING LEVELS (m)		5.388	
		5.362	
		5.315	
		5.278	
		5.173	
		5.054	
		5.029	



Road 4	
Datum: 3.000M AOD	
CHAINAGE ON CENTRELINE (m)	20,000
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	5,680
LEVELS ON LEFT HAND CHANNEL (m)	5,687
LEVELS ON RIGHT HAND CHANNEL (m)	5,671
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	5,665
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	5,580
EXISTING LEVELS (m)	5,607
GRADIENT	5,590
GR = 1.0%	5,580
L = 10,000m	5,567
STRAIGHT LENGTH = 12,489m	5,540



NOTE: THE VERTICAL SCALE HAS BEEN EXAGGERATED BY A FACTOR OF 5 FOR THE SAKE OF CLARITY



ALIGNMENTS PLAN LEGEND

---	EXISTING HIGHWAY BOUNDARY
---	PROPOSED MAJOR HIGHWAY
---	CONTOUR (0.1m)
---	PROPOSED MAJOR INTERFACE
---	CONTOUR (0.25m)
---	PROPOSED ROAD ALIGNMENT

PLAN VIEW
SCALE 1 : 500

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING A SATISFACTORY TRAFFIC MANAGEMENT SYSTEM FOR THE DURATION OF THE WORKS.
2. ALL TRAFFIC MANAGEMENT PROPOSALS SHALL BE SUBMITTED TO AND AGREED WITH WEST SUSSEX COUNTY COUNCIL AND POLICE CONSTABULARY PRIOR TO IMPLEMENTATION.

APPROVED FOR CONSTRUCTION

C1	TECHNICAL APPROVAL	AMC	AMC	AD	07.03.25
T3	ARM 4 TERMINATION LEVEL ADJUSTED TO SUIT LANDOWNER REQUIREMENTS	JEC	MJR	JEC	05.11.24
T2	ARM 4 SHORTENED AND STEEPENED TO SUIT RIGHT OF ACCESS LEGAL PLAN	JEC	MJR	JEC	16.10.24
T1	ISSUED FOR TENDER	MJR	MJR	JEC	05.07.24
P1	VERTICAL GEOMETRY AND ARMS 1, 3 & 4 HORIZONTAL GEOMETRY UPDATED	JEC	MSL	JEC	21.06.24
Rev	Description	Drn	Chk	App	Date

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Client

VISTRY SOUTH EAST

Project Title:

FORD AIRFIELD, ARUN:
SECTION 278 WORKS

Drawing Title

PTON ROAD ROUNDABOUT LONG SECTIONS

A1 Scale

AS SHOWN

Drawn by

Drawn by

IL

Drawing Number

2205772-D113

C1