N

YAPTON ROAD

S13

S12

S3

INTERFACE WITH ON-SITE WORKS

CROWN DESIGN AT 1/3 OF CIRCULATORY CARRIAGEWAY IN LINE WITH CD116

UNABLE TO SURVEY EXTENTS OF CONCRETE DUE TO VEGETATION

Road 1

Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	498963.828	102548.202	5.986	Start
4.717	498966.846	102544.576	5.939	Tangent Point
5.000	498967.027	102544.359	5.936	Curve Radius 100.0
10.000	498970.331	102540.607	5.887	Curve
15.000	498973.818	102537.024	5.845	Curve
20.000	498977.480	102533.621	5.815	Curve
25.000	498981.308	102530.405	5.798	Curve
30.000	498985.291	102527.384	5.793	Curve
35.000	498989.421	102524.566	5.801	Curve
40.000	498993.686	102521.957	5.821	Curve
45.000	498998.077	102519.566	5.854	Curve
45.892	498998.872	102519.162	5.861	Tangent Point
50.000	499002.544	102517.321	5.900	Straight
55.000	499007.013	102515.079	5.957	Straight
60.000	499011.483	102512.837	6.026	Straight
65.000	499015.952	102510.595	6.095	Straight
70.000	499020.421	102508.354	6.165	Straight
70.899	499021.225	102507.951	6.177	IP at ICD
90.899	499038.246	102497.449	6.177	End

Road 2

Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	499085.370	102541.688	7.188	Start
5.000	499081.495	102538.528	7.136	Straight
7.957	499079.203	102536.659	7.105	Tangent Point
10.000	499077.627	102535.360	7.084	Curve Radius 200.0
11.366	499076.580	102534.482	7.070	Tangent Point
15.000	499073.803	102532.138	7.032	Straight
20.000	499069.983	102528.912	6.980	Straight
25.000	499066.162	102525.687	6.928	Straight
27.920	499063.931	102523.803	6.898	Tangent Point
30.000	499062.357	102522.444	6.876	Curve Radius 96.35
35.000	499058.694	102519.041	6.825	Curve
38.917	499055.951	102516.245	6.784	Tangent Point
40.000	499055.209	102515.457	6.773	Straight
44.739	499051.959	102512.007	6.723	IP at ICD
64.739	499038.246	102497.449	6.723	End

Road 3

Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	499082.917	102430.642	5.388	Start
1.905	499081.637	102432.052	5.406	Tangent Point
5.000	499079.591	102434.375	5.436	Curve Radius 100.0
10.000	499076.442	102438.258	5.485	Curve
15.000	499073.491	102442.294	5.533	Curve
20.000	499070.745	102446.472	5.581	Curve
25.000	499068.212	102450.782	5.630	Curve
30.000	499065.897	102455.213	5.683	Curve
30.222	499065.799	102455.412	5.685	Tangent Point
35.000	499063.703	102459.706	5.747	Straight
40.000	499061.509	102464.199	5.817	Straight
45.000	499059.315	102468.692	5.887	Straight
49.810	499057.205	102473.014	5.954	Tangent Point
50.000	499057.121	102473.185	5.956	Curve Radius 75.0
55.000	499054.768	102477.596	6.026	Curve
60.000	499052.127	102481.840	6.096	Curve
60.896	499051.624	102482.581	6.108	Tangent Point
60.896	499051.624	102482.581	6.108	IP at ICD
80.896	499038.246	102497.449	6.108	End

Road 4

Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	499038.246	102497.449	5.800	Start
20.000	499025.076	102482.397	5.800	IP at ICD
20.000	499025.076	102482.397	5.800	Straight
25.000	499021.788	102478.631	5.749	Straight
30.000	499018.500	102474.864	5.697	End

KEY

- PROPOSED MAJOR HIGHWAY CONTOUR (100mm INTERVALS)
- PROPOSED MINOR HIGHWAY CONTOUR (25mm INTERVALS)
- PROPOSED MAJOR SOFT LANDSCAPE / INTERFACE CONTOUR (250mm INTERVALS)
- PROPOSED MAJOR SOFT LANDSCAPE / INTERFACE CONTOUR (50mm INTERVALS)
- INTERFACING TIE-IN TO EXISTING GROUND LEVELS
- PROPOSED ALIGNMENT AND CHAINAGE

ALL INTERFACING SLOPES HAVE BEEN DESIGNED TO A GRADIENT OF 1:3

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NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
3. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
5. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
6. ALL DRAINAGE WORKS SUBJECT TO WEST SUSSEX COUNTY COUNCIL APPROVAL.
7. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY FULLY WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME ONE, SPECIFICATION FOR HIGHWAY WORKS AND THE LOCAL AUTHORITY SPECIFICATION FOR ROAD CONSTRUCTION AND STANDARD DETAILS.
8. THE CONTRACTOR SHALL UNDERTAKE SUCH MATERIALS TESTING AS INDICATED IN THE SPECIFICATIONS AND SHALL INCLUDE THE COST OF TESTING IN THE TENDER.
9. UNLESS STATED OTHERWISE, ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN APPROVED TIP OFF-SITE.
10. THE PUBLIC HIGHWAY AND WORKS WILL BE KEPT CLEAN AND FREE OF DEBRIS BY USE OF WHEEL WASHING FACILITIES AND ROAD SWEEPERS TO THE COUNCIL'S SATISFACTION.
11. ALL SETTING OUT SHALL BE AGREED ON-SITE WITH THE ENGINEER, PRIOR TO THE COMMENCEMENT OF THE WORKS.
12. UPON COMPLETION OF THE WORKS, THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MAINTENANCE REPAIRS TO RETURN THE HIGHWAY TO ITS FORMER CONDITION. THIS SHALL INCLUDE THE REINSTATEMENT OF VERGES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM WSCC PRIOR TO COMMENCING WORKS ON THE HIGHWAY.
14. PROPOSED GULLY GRATINGS AND FRAMES SHALL BE SET AT A LEVEL OF 5-10mm BELOW THE FINISHED LEVEL OF THE CARRIAGEWAY.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIONING ROAD GULLIES AT ALL LOW SPOTS IN THE CARRIAGEWAY.
16. NO DOORS, WINDOWS, GATES ETC. SHOULD OPEN OVER THE ADOPTABLE HIGHWAY AND THERE SHOULD BE NO PROJECTING RAIN WATER DOWN PIPES OR OVERHANGING EAVES FROM ROOFS.
17. NO SURFACE WATER RUN-OFF FROM PRIVATE AREAS SHALL DISCHARGE ONTO THE ADOPTABLE HIGHWAY.
18. THERE SHALL BE NO PLANTING OVER 600mm IN HEIGHT WITHIN VISIBILITY SPLAYS.

CDM NOTES:

1. THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED FOR THIS PROJECT.
2. WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING GAS, ELECTRICITY AND BT WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
3. WORKS WITHIN AND ABUTTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY, THE HIGHWAY AUTHORITY AND THE POLICE CONSTABULARY.
4. HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURER'S ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
6. THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIAISON WITH THE RELEVANT BUS COMPANIES TO ENSURE ALL ROUTES ARE MAINTAINED DURING THE HIGHWAY WORKS.

TRAFFIC MANAGEMENT:

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.



KEY PLAN
(SCALE = 1:8,000)

0m 2m 10m
Scale: 1:250 @ A0

APPROVED FOR CONSTRUCTION

Rev	Description	Drn	Chk	App	Date
C1	TECHNICAL APPROVAL	AMC	AMC	AD	07.03.25
T4	ARM 4 LEVELS UPDATED	JEC	MJR	JEC	05.11.24
T3	ARM 4 SHORTENED TO SUIT RIGHT OF ACCESS LEGAL PLAN	JEC	MJR	JEC	16.10.24
T2	UPDATED IN LINE WITH WSCC COMMENTS	MJR	MJR	JEC	01.08.24
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

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Client
VISTRY SOUTH EAST

Project Title:
FORD AIRFIELD, ARUN:
SECTION 278 WORKS

Drawing Title:
YAPTON ROAD ROUNDABOUT
CONTOURS AND ALIGNMENTS

A0 Scale	Date	Designed by
1:250	07.06.24	IL
Drawn by	Checked by	Approved by
IL	MSL	JEC

Drawing Number: 2205772-D1130 Rev: C1