A2 1:750 10 20 30 40 50

Distance from end of road marking taper to island positioned at the roundabout junction north is approx. 105m

Proposed footway/cycleway (3m)

Proposed retaining wall to reduce imapct on the number of trees to be removed

Corner Radius: 15m followed by a corner taper of 1:10 over a distance of 18m

117m Junction spacing between proposed access road and existing side access road

Toucan crossing

Existing street lighting column and road sign to be relocated.

Approx 1m of remaining verge between carriageway and proposed footway/cycleway

Existing 2m footway to be widened to a 3m shared footway/cycleway facility

Existing street lighting column and feeder pillar to be relocated.

Rejoin carriageway sign and hazard paving to be provided at end of 3m shared footway/cycleway.

Shared footway/cycleway to tie in to future cycling provision along A449.

2m Existing footway

3.0 3.6 3.5 3.5 3.2 4.0 3.6

Subway

A449

Benoni House

Proposed kerbline to tie into existing carriageway

Guardrail to be installed to end of footpath

Proposed kerbline to tie into existing carriageway

1:3 embankment slope to tie into internal site levels.

Line to Access Hatching

2.3m Give Way

Corner Radius: 15m

Proposed retaining wall to reduce imapct on the number of trees to be removed

R100.0 2.0 R16.0 R100.0

1:3 embankment slope to tie into internal site levels.

Proposed kerblines to tie back into internal carriageway

2.0 R160.0 R20.0

CSS 55m SSD

Uncontrolled controlled crossing with tactiles

Proposed footway/cycleway (3m)

7.3

Shared pedestrian/ cycle track, (3m)

Footway (2m)

R100.0

Track No. Car Parking

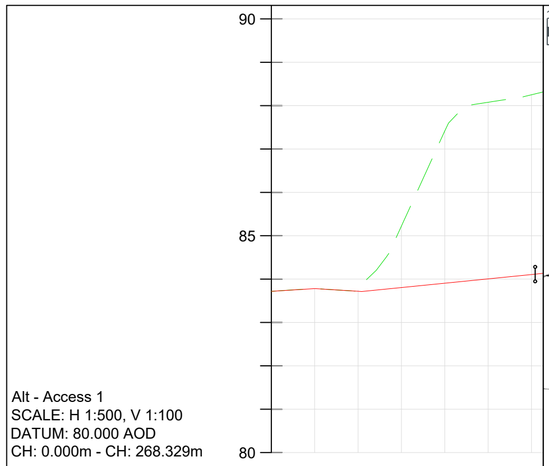
NOTES

These drawings have been produced with reference to the CDM Regulations 2015. Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9

1. This drawing is to be read in conjunction with all other relevant Engineering and Architect's details.
2. Do not scale this drawing.
3. Dimensions in metres unless stated otherwise.
4. The design details presented must be reviewed in conjunction with the wider site information and site constraints which may not be evident on drawing and must be requested if not already provided. This includes, but not limited to, ground conditions (geotechnical and geo-environmental), groundwater levels, buried services, remnant obstructions, ecology, tree protection and topography.
5. The Engineer shall be notified immediately, in writing, should any errors or discrepancies be found prior to the commencement or continuation of any works.
6. All work is to be carried out in accordance with current British Standards, Building Regulations and NHBC Standards.
7. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the CDM Co-ordinator, within his rates.
8. Any existing details which are shown on this drawing are for guidance only and are to be checked on site by the contractor. Any variations are to be recorded and reported to the engineer immediately.
9. Before work commences contractor should consult the engineer and the SI report regarding any contamination issues. All necessary Health and Safety measures to be taken.
10. Drainage design subject to vertical alignment and will be submitted as part of the S278 submission.
11. Lighting assessment and design to be carried out and to form part of the S278 submission.
12. Signage strategy to be reviewed and signage design to form part of the S278 submission.
13. This drawing is based on Ordnance Survey, license number: 100060020, dated 21 July 2022.
14. Highway boundary based on pdf received from Staffordshire County Council(SCC) in July 2022, drawn to OS features. Confirmation of accurate location is required from SCC.
15. The junction has been designed in accordance with CD109 and CD123.
16. Residual risk items not shown - to be reviewed as project information becomes available and incorporated in to the design and added to drawing prior to technical submission.
17. Stopping Sight Distances have been drawn to DMRB CD109. Sight distances can be shown more accurately once an ATC speed survey has been undertaken.
18. Level assessment of earthworks and vertical alignment impacts have not been assessed to determine impact of third-party land.

KEY

- Highway Boundary
- National Highways Boundary
- Site Boundary
- Proposed Kerblines
- Proposed Road Markings
- Existing Road Markings
- Stopping Sight Distance (4.5m x 120m, 40mph CD109 DMRB)
- Traffic Signals
- Bollards
- Propose Tactile Paving (red, controlled)
- Propose Tactile Paving (buff, uncontrolled)
- Trees To Remain
- Trees To Be Removed
- Category B Type Trees
- Category C Type Trees
- Indicative Tree Mitigation
- Proposed Carriageway
- Proposed Footway
- Propsed Verge
- Proposed Footway/cycleway
- Splitter Islands

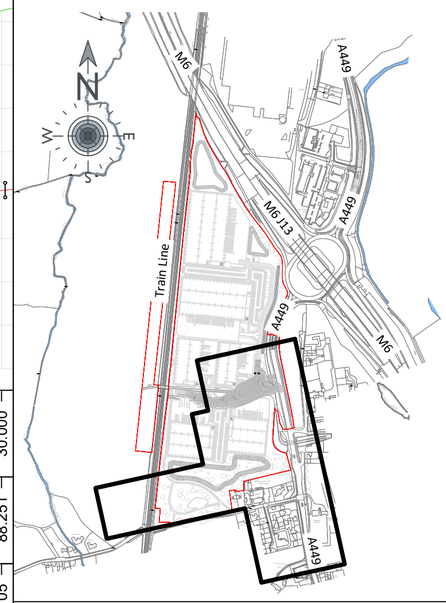


Alt - Access 1
SCALE: H 1:500, V 1:100
DATUM: 80.000 AOD
CH: 0.000m - CH: 268.329m

Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000
Existing Levels	83.718	83.782	83.745	85.224	87.418	88.078	88.251
Proposed Levels	83.718	83.782	83.719	83.805	83.905	84.005	84.105
Level Difference	0.000	0.000	-0.026	-1.418	-3.513	-4.073	-4.145
Horizontal Geometry							
Vertical Geometry	G =1.274% L =5.014			G =-1.259% L =4.945	G =-1.256% L =0.459	G =2.000% L =20.000	

1:5,000 100 200 300

LOCATION PLAN (1:10,000)



Until Technical Approval has been obtained from the relevant Local Authorities or Statutory Bodies, it should be understood that all drawings are issued as preliminary and NOT for Construction. Should the Contractor and / or Employer commence work prior to approval being given, it is entirely at their own Risk

REV	DATE	REVISION NOTE	BY
P03	18/12/24	Hatch added to access, Splitter Island removed & shared footway/cycleway extended	GC
P02	15/03/24	Contours and retaining wall added	NM
P01	23/01/24	First Issue	RJ

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CLIENT
ST.MODWEN LOGISTICS
St. Modwen Logistics

PROJECT
Land at Junction 13 M6
Stafford

DRAWING TITLE
Ghost Island
Option 8

DRAWING ISSUE STATUS
INFORMATION

PJA JOB No.	SUB-CODE	DRAWING NO.	REVISION
06380-CI	- A -	SK08	- P03

Revision Letter : P - Prelim / A - Approval / T - Tender / C - Construction

BIM DRAWING REFERENCE

SCALE	DRAWN	REVIEWED	DATE
A2@As Shown	RJ	AN	23/01/2024

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