

**Marking Schedule**

Road Marking Ref.	Road Marking Layout	Location (length / no.)
TSRGD DIA 1003		Site Access (8m)
TSRGD DIA 1004		Site Access (10m)
TSRGD DIA 1009A		Site Access (8m)
TSRGD DIA 1023A		Site Access (1. no)
TSRGD DIA 1065		Worcester Road

All road markings are to conform to "The Traffic Signs Regulations and General Directions 2016"

**Signage Schedule**

Signage Ref.	Diagram	Size	'X' Height	Mounting Height	Reflectivity	Post Diameter	Foundation
TSRGD DIA 790		750	62.5	2100	Class 1	2 x 76	350w x 600l x 600 d ST2
TSRGD DIA 602		600	62.5	1500	Class 1	3 x 76	750w x 750l x 750 d ST2
TSRGD DIA 671		600	100	2400	Class 1	76	600 x 600 x 600 GEN 1
TSRGD DIA 670-30		720 x 720	100	2400	Class 1	76	600 x 600 x 600 GEN 1

- 1 New '30' Speed Limit Roundel Marking DIA 1065 (TSRGD 2002)
- 2 New Red Surfacing to be Type 1 certified BBA/HAPAS high friction. Across full carriageway, 5m depth.
- 3 Proposed new speed limit signage.

- NOTES:-**
- All dimensions shall be in millimetres unless otherwise stated.
  - Do not scale this drawing, work to figured dimensions only.
  - This drawing should be read in conjunction with all other relevant Engineering, Architectural, landscaping details, drawings and specifications and all relevant Worcestershire County Council Standard Engineering Details.
  - Prior to commencement of construction works, existing and proposed levels and dimensions must be checked and confirmed on site. Any discrepancies shall be reported to the Highway Authority and the developers Consulting Engineers immediately in order that clarification can be sought prior to commencing the works.
  - Prior to construction works commencing on site, the locations and depths of all existing statutory Undertakers and Highway Authority services equipment are to be checked and their locations confirmed. The removal, replacement, diversion, alterations of existing services / apparatus within the limits of the proposed works shall be undertaken by the contractor at no expense to Worcestershire County Council. All works shall be completed to the satisfaction of the relevant Statutory Undertakers in accordance with their specifications / requirements.
  - The Contractor must alter at no expense to Worcestershire County Council after the level or location of any existing Statutory Undertakers or Highway Authority apparatus e.g. chambers, covers and frames etc required to construct the proposed works.
  - Should the Highway Authority's Representative decide following onsite investigations during the course of the works that the existing site conditions or existing infrastructure and associated services does not meet the required standards / specifications or is damaged, the contractor will be required, at no expense to Worcestershire County Council, to substitute all related details with replacement details meeting the minimum standards / specifications required by Worcestershire County Council as Highway Authority.
  - All works shall be carried out in accordance with the approved drawings and specifications to the satisfaction of the Highway Authority.
  - All proposed new lengths of footway shall have a minimum width of 2m unless otherwise stated, a cross fall of 1:40 towards the carriageway incorporating a kerb upstand of 125mm which shall be constructed in accordance with Worcestershire County Councils Standard Details / Specifications for adoption.
  - Should any information included within the approved drawing conflict with any other detail specified within other approved supporting drawings, specification or document then WCC Inspector should be contacted to provide the correct interpretation.
  - Please note the requirements contained in WCC LTP3 - Highways Specification Item 1.27.4 - Any exposed bituminous layer must be protected and kept clean for as long as it remains exposed prior to the construction of the next layer. Where layers have become contaminated the area is to receive a tack coat laid in accordance with the requirements of Clause 920 Ss 7 of Volume 1 Manual of Contract Documents Highway Works. If the layer is damaged, it shall be removed and replaced with material of suitable specification.
  - CBR test results for proposed new road construction within access bell mouth forming part of S278 scheme will be provided to confirm construction.

- Junction / Carriageway Markings and Signage**
- To be read in conjunction with drawing: 2422-730 - 'Highway Construction Details'
  - All Road markings shall fully comply with the Traffic Signs Manual Chapter 5 - Road Markings 2003 - Published for the Department for Transport under Licence from the Controller of Her Majesty's Stationary Office.
  - Prior to any lining / signing works commencing onsite the developer shall submit for approval by the Local Highway Authority, full Engineering details of any proposed lining / signing details.
  - All Permanent and Temporary Road Markings shall be Hot Applied Thermoplastic Road Marking Materials conforming to BS 3262: Parts 1, 2 and 3: 1989.
  - All Permanent and Temporary Road Markings listed within Table 23-1 (page 143) of the Traffic Signs Manual Chapter 5 - Road Markings 2003 shall be reflectorised using solid glass beads.
- Road Signs**
- All Temporary and Permanent Traffic signs and Road Markings shall comply with the Traffic Signs Regulations and General Directions 2016 and accompanying documents where applicable - Chapter 3 - Regulatory Signs 2003, Chapter 4 - Warning Signs 2004, Chapter 5 - Road Markings 2003, Chapter 7 - The design of Traffic Signs, and Chapter 8 - Temporary Traffic Management, published for the Department for Transport under Licence from the Controller of Her Majesty's Stationary Office.
  - No exposed part of any sign is to be within 450mm of the carriageway edge.
  - Mounting heights are quoted from the bottom of the sign face to ground level.
  - The proposed location of all signs shown is approximate. The exact location of each sign is to be agreed on site with Worcestershire County Council.

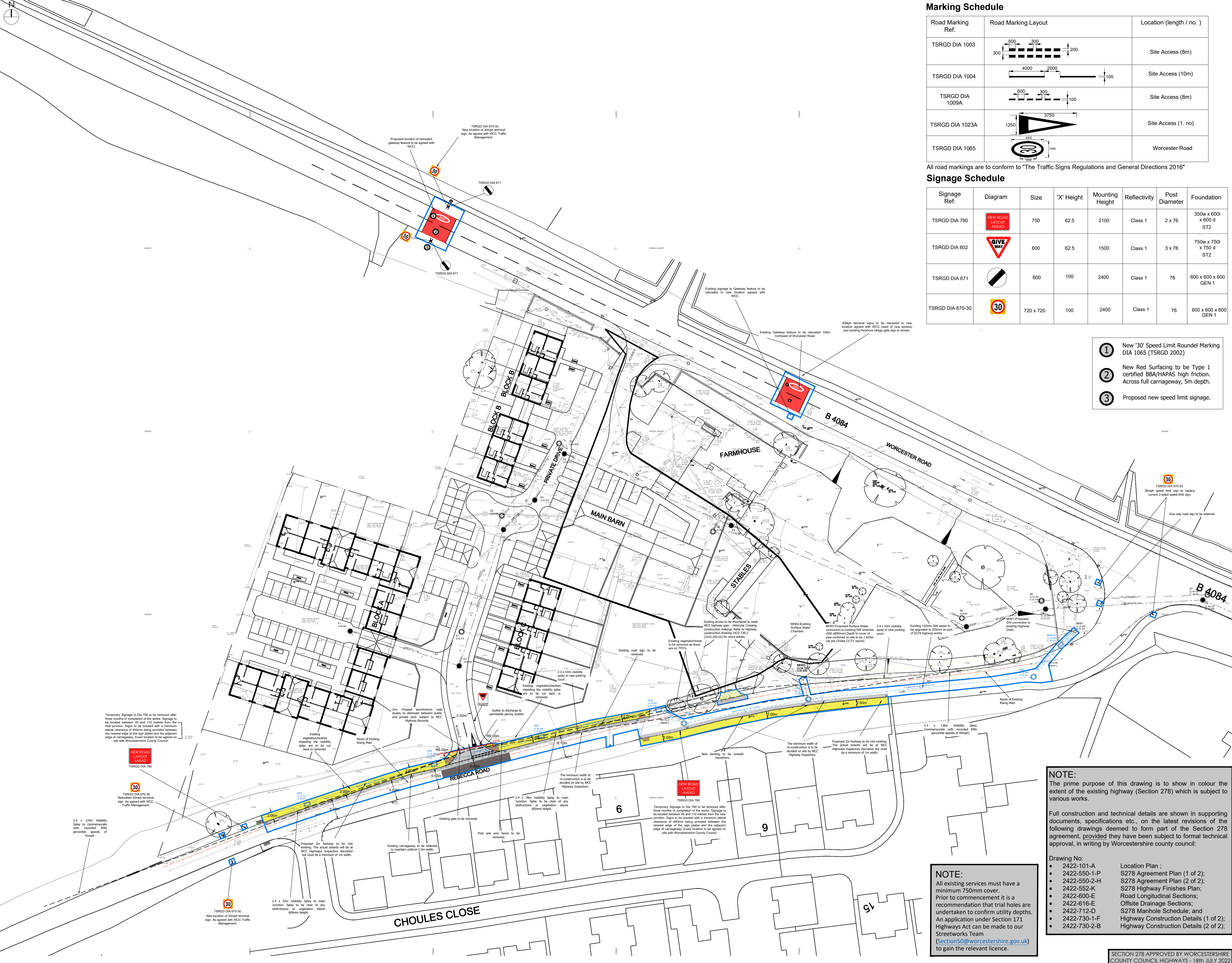
**NOTE:**  
The extent of the carriageway resurfacing shall be agreed on site with the WCC Engineer and the Developer / Developer's Representative.

- KEY**
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**NOTE:**  
The prime purpose of this drawing is to show in colour the extent of the existing highway (Section 278) which is subject to various works.  
Full construction and technical details are shown in supporting documents, specifications etc., on the latest revisions of the following drawings deemed to form part of the Section 278 agreement, provided they have been subject to formal technical approval, in writing by Worcestershire county council:  
Drawing No:  
• 2422-101-A Location Plan ;  
• 2422-550-1-P S278 Agreement Plan (1 of 2);  
• 2422-550-2-H S278 Agreement Plan (2 of 2);  
• 2422-552-K S278 Highway Finishes Plan;  
• 2422-600-E Road Longitudinal Sections;  
• 2422-616-E Offsite Drainage Sections;  
• 2422-712-D S278 Manhole Schedule; and  
• 2422-730-1-F Highway Construction Details (1 of 2);  
• 2422-730-2-B Highway Construction Details (2 of 2);

**NOTE:**  
All existing services must have a minimum 750mm cover.  
Prior to commencement it is a recommendation that trial holes are undertaken to confirm utility depths. An application under Section 171 Highways Act can be made to our Streetworks Team (Section50@worcestershire.gov.uk) to gain the relevant licence.

SECTION 278 APPROVED BY WORCESTERSHIRE COUNTY COUNCIL HIGHWAYS - 18th JULY 2022



DETAILS SUBJECT TO TECHNICAL APPROVAL

rev	date	description	by
I	15.11.21	Note added to gully as per highway comments.	EA
J	04.07.22	Highway Drainage Amended, Gully's added/Kerb drain removed.	VCH
K	11.07.22	Amended to suit comments from WCC.	VCH
L	13.07.22	Approved drawing list amended. Note added.	VCH
M	19.07.22	Approved drawing list updated to latest revisions. Tech Approval note added.	VCH
N	28.09.22	225# upgrade relocated within highway verge.	VCH
O	13.04.23	Proposed highway drain in Rebecca Road amended.	CSM
P	23.05.23	Blue line boundary and resurfacing extents note added, drawing list updated.	CSM

Status: **S278 APPROVED FOR CONSTRUCTION**

Drawn: EA  
Checked: MCC  
Date: Feb 2020  
Scale: 1:500 (A1)  
Client: Malvern Developments Ltd.  
Project: Allesborough Farm, Pershore  
Title: Section 278 Agreement Plan (1 of 2)  
Ref: 2422/550-1  
Rev: P

