Existing Kerb line moved to allowed bus turn-in maneuvers

Proposed Kerb line to tie in with existing

1003

1009

1040

R4

Proposed 400x400x70mm buff coloured tactile paving to be laid in line with existing.

R45

1004

Proposed Kerb line to tie in with existing

Indicative location of proposed traffic island to be confirmed by architect.

1004

1010

Proposed palisade fencing to be built across existing access as part of internal site fencing proposals.

Proposed no entry traffic signs to TSRD 2016 diag 616 mounted on single post with foundation.

Existing bus only entrance to be reconfigured to bus only exit.

Proposed "BUS ONLY" roadmarkings to TSRGD 2016

BUS ONLY

Albert Street

Rouse Close

Grey Mare Lane

KEY		
TSRGD 2002 Diag. No.	TSRGD 2016 REF.	Description
1003	S-9 P-6 I-3	200mm WIDTH: 600mm LENGTH: 300mm GAP
1004	S-11 P-4 I-2	100mm WIDTH: 4000mm LENGTH: 2000mm GAP
1009	S-11 P-4 I-8	100mm WIDTH: 600mm LENGTH: 300mm GAP
1010	S-11 P-4 I-10	100mm WIDTH: 1000mm LENGTH: 1000mm GAP
1040	S-11 P-4 I-23	100mm WIDTH: 4000mm LENGTH: 2000mm GAP
1041	S-11 P-4 I-27	100mm WIDTH: 4000mm LENGTH: 2000mm GAP

Sign Reference	616
Height	600mm
Width	600mm
Area	0.28 m²
Material	Class R3B Microprismatic
Mount Height	2400

50 40 30 20 10 0 10 metres

Notes

1. This drawing should not be scaled and only used for its intended purpose.
2. This drawing is to be read in conjunction with all other relevant drawings/information
3. All dimensions are in metres unless stated otherwise.
4. Original topographical survey data provided by Survey Sytems, August 2018.
5. The Highway Works shall be inspected/supervised by representatives of Manchester City Council. Prior to commencing work the contractor shall provide a detailed construction programme.
6. All levels to be checked by the Contractor at the start of works and any discrepancies notified to the Engineer.
7. All highway works shall comply fully with the Manchester City Council specification and where necessary the relevant sections of the Design Manual for Roads and Bridges, Specification and British Standards For Highway Works.
8. All materials to bare the relevant B.S. Kitemark and comply fully with the Specifications. All concrete & concrete products must use sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
9. Presence of Statutory Undertakers equipment in the highway should be verified by the Contractor on site prior to starting any works. The Contractor should confirm the location of all stats plant by hand dug trial trenches prior to commencing any works. Allowance for the presence of all stats appropriate protection / diversion measures is to be put in place by the Contractor (unless stated otherwise) where stats equipment are found to be within the area of highway works. Necessary diversion/protection requirements to be agreed with service provider.
10. Until technical approval has been obtained from Manchester City Council, it should be understood that all drawings issued are NOT for Construction.
11. All new signs and road markings are to be laid in accordance with the traffic signs regulations and general directions 2016 (TSRGD), and chapters 3, 4 and 5 of the traffic signs manual.
12. All signs are to be mounted at a minimum of 2.4m footway level.
13. All the signs are to be set back a minimum 450mm from the kerb face.
14. All works outside of the Highway boundary are shown for information only. Please refer to architects plans for details.
15. For vehilce tracking refer to Pell Frischmann drawing 101923-PF-01-ATR-DR-HW-001

KEY

- Highway Boundary
- PALISADE — Proposed Palisade fencing
- 1004 — Proposed road markings line reference: TSRGD number. All Road markings drawing in black are to be painted white.
- Proposed sign post and face.
- Proposed area of carriageway widening.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of the risks that may be encountered in the construction of these works. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design. We would also respectfully remind the client of his obligations to take all reasonable steps in ensuring that only competent contractors who have a valid safety policy are employed. They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by WYG below:-

1. Support/treatement for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.
11. Any construction personnel, including operatives intending to construct the designs shown on this drawing should ensure that they have been regularly and thoroughly briefed by the principal contractor on all health and safety matters and have had sight of:

i) the full designers and contractors risk assessments and risk registers.
ii) the developed construction health and safety plan
iii) the contractors construction method statements.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public.

Rev	Date	Revision Details	Drn	Des	Chk	App

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Client: EAST MANCHESTER ACADEMY

Project: EAST MANCHESTER ACADEMY
S278 WORKS

Drawing Title: GENERAL ARRANGEMENT

Scale	Drawn	Designed	Checked	Approved
1:250	A HALL	A HALL	M DAVIES	M DAVIES
Original Drawing Size	**Date**	**Date**	**Date**	**Date**
A1	22.08.18	22.08.18	24.08.18	24.08.18

Drawing Status: PRELIMINARY

Drawing Number									Revision
101923	PF	01	100	DR	HW	001			P01
Project	Originator	Volume	Location	Type	Role	Number			

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DRAWING FILE: I:\MAN\FILES\Engineering\data\Manchester Office Projects\101923 - East Manchester Academy\Drawings\Design Drawings\101923-PF-01-100-DR-HW-001.dwg