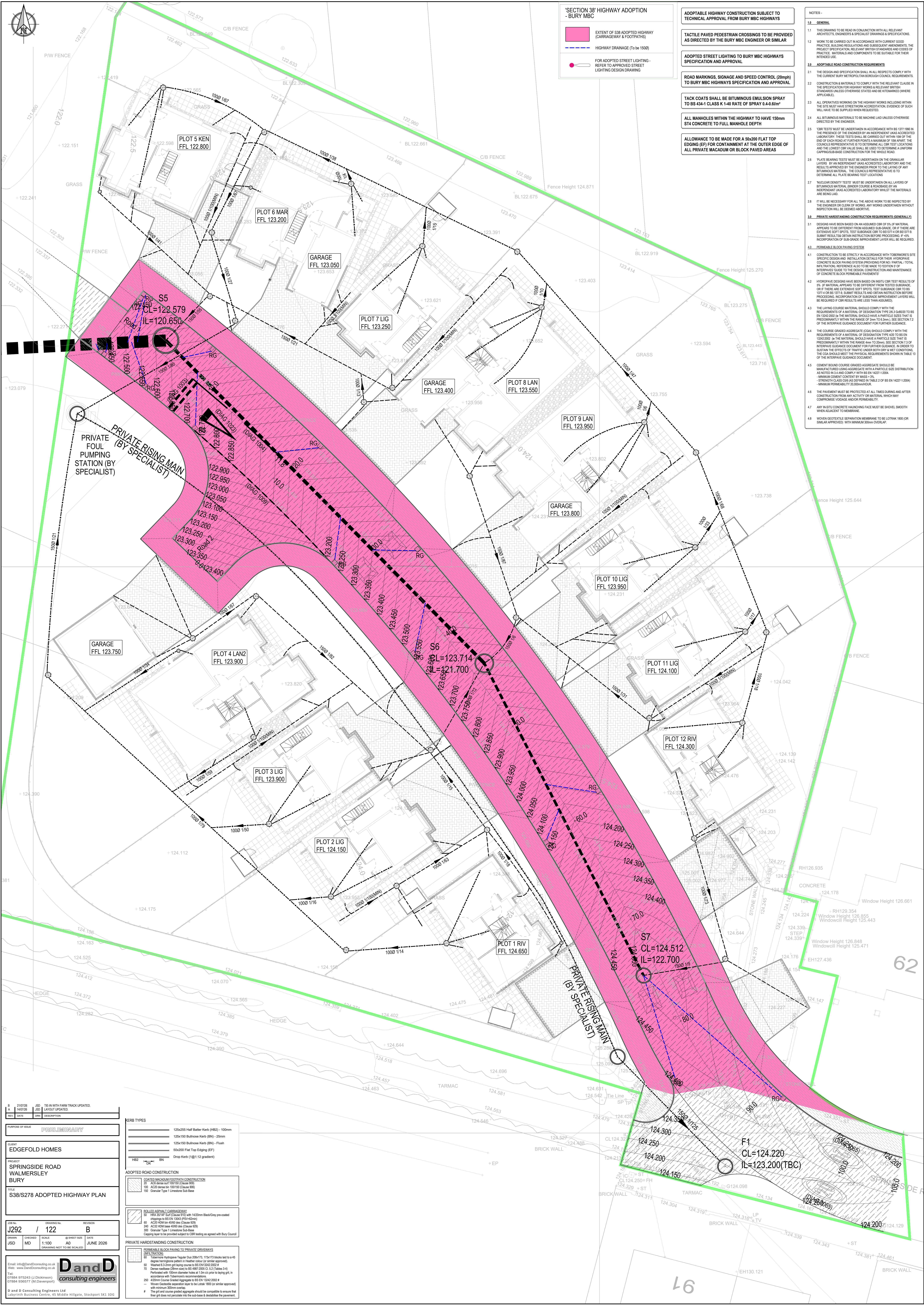




'SECTION 38' HIGHWAY ADOPTION - BURY MBC

EXTENT OF S38 ADOPTED HIGHWAY (CARRIAGEWAY & FOOTPATHS)

HIGHWAY DRAINAGE (To be 1000)

FOR ADOPTED STREET LIGHTING - REFER TO APPROVED STREET LIGHTING DESIGN DRAWING

- ADOPTABLE HIGHWAY CONSTRUCTION SUBJECT TO TECHNICAL APPROVAL FROM BURY MBC HIGHWAYS**
- TACTILE PAVED PEDESTRIAN CROSSINGS TO BE PROVIDED AS DIRECTED BY THE BURY MBC ENGINEER OR SIMILAR**
- ADOPTED STREET LIGHTING TO BURY MBC HIGHWAYS SPECIFICATION AND APPROVAL**
- ROAD MARKINGS, SIGNAGE AND SPEED CONTROL (20mph) TO BURY MBC HIGHWAYS SPECIFICATION AND APPROVAL**
- TACK COATS SHALL BE BITUMINOUS EMULSION SPRAY TO BS 434-1 CLASS K 1-40 RATE OF SPRAY 0.4-0.6lit/m²**
- ALL MANHOLES WITHIN THE HIGHWAY TO HAVE 150mm 514 CONCRETE TO FULL MANHOLE DEPTH**
- ALLOWANCE TO BE MADE FOR A 50x200 FLAT TOP EDGING (EF) FOR CONTAMINANT AT THE OUTER EDGE OF ALL PRIVATE MACADAM OR BLOCK PAVED AREAS**

- NOTES -**
- 1.0 GENERAL**
- 1.1 THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS & SPECIALIST DRAWINGS & SPECIFICATIONS.
- 1.2 WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT GOOD PRACTICE BUILDING STANDARDS AND SUBSEQUENT AMENDMENTS. THE PROJECT SPECIFICATION, RELEVANT BRITISH STANDARDS AND CODES OF PRACTICE, MATERIALS AND COMPONENTS TO BE SUITABLE FOR THEIR INTENDED USE.
- 2.0 ADOPTABLE ROAD CONSTRUCTION REQUIREMENTS**
- 2.1 THE DESIGN AND SPECIFICATION SHALL IN ALL RESPECTS COMPLY WITH THE CURRENT BURY METROPOLITAN BOROUGH COUNCIL REQUIREMENTS.
- 2.2 CONSTRUCTION MATERIALS TO COMPLY WITH THE RELEVANT CLAUSES IN THE SPECIFICATION FOR HIGHWAY WORKS & RELEVANT BRITISH STANDARDS UNLESS OTHERWISE STATED AND BE RETIRED (WHERE APPLICABLE).
- 2.3 ALL OPERATIVES WORKING ON THE HIGHWAY WORKS INCLUDING WITHIN THE SITE MUST HAVE STREETWORK ACCREDITATION EVIDENCE OF SUCH WILL HAVE TO BE SUPPLIED WHEN REQUESTED.
- 2.4 ALL BITUMINOUS MATERIALS TO BE MACHINE LAD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 2.5 'CBR' TESTS MUST BE UNDERTAKEN IN ACCORDANCE WITH BS 1377:1990 IN THE PRESENCE OF THE ENGINEER BY AN INDEPENDENT UKAS ACCREDITED LABORATORY. THESE TESTS SHALL BE CARRIED OUT WITHIN 10M OF THE END OF EACH ROAD AT FURTHER POINTS A MAXIMUM OF 10M APART. THE COUNCILS REPRESENTATIVE IS TO DETERMINE ALL CBR TEST LOCATIONS AND THE LOWEST CBR VALUE SHALL BE USED TO DETERMINE A UNIFORM CAPTAIN-BURBASE CONSTRUCTION FOR THE WHOLE ROAD.
- 2.6 'PLATE BEARING' TESTS MUST BE UNDERTAKEN ON THE GRANULAR LAYERS BY AN INDEPENDENT UKAS ACCREDITED LABORATORY AND THE RESULTS APPROVED BY THE ENGINEER PRIOR TO THE LAYING OF ANY BITUMINOUS MATERIAL. THE COUNCILS REPRESENTATIVE IS TO DETERMINE ALL 'PLATE BEARING' TEST LOCATIONS.
- 2.7 'NUCLEAR DENSITY' TESTS MUST BE UNDERTAKEN ON ALL LAYERS OF BITUMINOUS MATERIAL (BINDER COURSE & ROADBASE) BY AN INDEPENDENT UKAS ACCREDITED LABORATORY WHILE THE MATERIALS ARE BEING LAD.
- 2.8 IT WILL BE NECESSARY FOR ALL THE ABOVE WORK TO BE INSPECTED BY THE ENGINEER OR CLERK OF WORKS. ANY WORKS UNDERTAKEN WITHOUT INSPECTION WILL BE DEEMED DEFECTIVE.
- 3.0 PRIVATE HARDSTANDING CONSTRUCTION REQUIREMENTS (GENERALLY)**
- 3.1 DESIGNS HAVE BEEN BASED ON AN ASSUMED CBR OF 5% (IF MATERIAL APPEARS TO BE DIFFERENT FROM ASSUMED SUBGRADE, OR IF THERE ARE EXTENSIVE SOFT SPOTS, TEST SUBGRADE CBR TO BS 1377-4 OR BS 1377-5. SUBMIT RESULTS AND OBTAIN INSTRUCTION BEFORE PROCEEDING. NO INCORPORATION OF SUBGRADE IMPROVEMENT LAYERS WILL BE REQUIRED IF CBR RESULTS ARE LESS THAN ASSUMED).
- 4.0 PERMEABLE BLOCK PAVING SYSTEM**
- 4.2 HYDROPAVE DESIGNS HAVE BEEN BASED ON IN-SITU CBR TEST RESULTS OF 5% (IF MATERIAL APPEARS TO BE DIFFERENT FROM TESTED SUBGRADE, OR IF THERE ARE EXTENSIVE SOFT SPOTS, TEST SUBGRADE CBR TO BS 1377-4 OR BS 1377-5. SUBMIT RESULTS AND OBTAIN INSTRUCTION BEFORE PROCEEDING. NO INCORPORATION OF SUBGRADE IMPROVEMENT LAYERS WILL BE REQUIRED IF CBR RESULTS ARE LESS THAN ASSUMED).
- 4.3 THE LAYING COURSE MATERIAL SHOULD COMPLY WITH THE REQUIREMENTS OF A MATERIAL OF DESIGNATION TYPE 400 TO BS EN 12620:2002 OR THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE OF 2mm TO 10mm. SEE SECTION 1.2 OF THE INTERFARE GUIDANCE DOCUMENT FOR FURTHER GUIDANCE.
- 4.4 THE COURSE GRADED AGGREGATE (CGA) SHOULD COMPLY WITH THE REQUIREMENTS OF A MATERIAL OF DESIGNATION TYPE 400 TO BS EN 12620:2002. (IF THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE 4mm TO 20mm. SEE SECTION 1.3 OF THE INTERFARE GUIDANCE DOCUMENT FOR FURTHER GUIDANCE. IN ORDER TO SUSTAIN THE EFFECTS OF TRAFFIC UNDER BOTH DRY & WET CONDITIONS, THE CGA SHOULD MEET THE PHYSICAL REQUIREMENTS SHOWN IN TABLE 13 OF THE INTERFARE GUIDANCE DOCUMENT.
- 4.5 CEMENT BOUND COURSE GRADED AGGREGATE SHOULD BE MANUFACTURED USING AGGREGATE WITH A PARTICLE SIZE DISTRIBUTION AS NOTED IN 3.4 AND COMPLY WITH BS EN 14227:2004. MINIMUM CEMENT CONTENT BY MASS = 7% STRENGTH CLASS C30 AS DEFINED IN TABLE 2 OF BS EN 14227:2004. MINIMUM PERMEABILITY 500mm/hour.
- 4.6 THE PAVEMENT MUST BE PROTECTED AT ALL TIMES DURING AND AFTER CONSTRUCTION FROM ANY ACTIVITY OR MATERIAL WHICH MAY COMPROMISE VERTICAL AND PERMEABILITY.
- 4.7 ANY ALUSTU CONCRETE HAUNCHING FACE MUST BE SHOVEL SMOOTH WHEN ADJACENT TO MEMBRANE.
- 4.8 WOVEN GEOTEXTILE SEPARATION MEMBRANE TO BE LOTRAN 1800 (OR SIMILAR APPROVED) WITH MINIMUM 300mm OVERLAP.

8 210708 JSD THE-AN WITH FARM TRACK UPDATED
4 140708 JSD LAYOUT UPDATED
REV DATE BY DESCRIPTION

PURPOSE OF ISSUE: **PRELIMINARY**

CLIENT: **EDGEFOLD HOMES**

PROJECT: **SPRINGSIDE ROAD WALMERSLEY BURY**

TITLE: **S38/S278 ADOPTED HIGHWAY PLAN**

JOB NO. **J292** / DRAWING NO. **122** / REVISION **B**

DRAWN: **JSD** / CHECKED: **MD** / SCALE: **1:100** / @ SHEET NO: **A0** / DATE: **JUNE 2026**

Web: www.DandDConsulting.co.uk
Tel: **07884 975243 (J. Dickinson)**
07884 806577 (M. Dawkins)
D and D Consulting Engineers Ltd
Labyrinth Business Centre, 45 Middle Hillgate, Stockport SK1 3DG

KERB TYPES

125x255 Half Bullnose Kerb (H2) - 100mm
125x150 Bullnose Kerb (BN) - 25mm
125x150 Bullnose Kerb (BN) - Flush
50x200 Flat Top Edging (EF)
Drop Kerb (1@1:12 gradient)

ADOPTED ROAD CONSTRUCTION

COATED MACADAM FOOTPATH CONSTRUCTION
50 AC20 dense surf 100/150 (Clause 800)
150 AC20 dense surf 100/150 (Clause 800)
150 Granular Type 1 Limestone Sub-Base

ROLLED ASPHALT CARPARKWAY
50 100/150/100 Surf (Clause 910) with 1400mm Black/Grey pre-coated
Opening to BS EN 1343 (P50+20mm)
70 AC20 100/150 (Clause 800)
240 AC20 100/150 (Clause 800)
300 Granular Type 1 Limestone Sub-Base
Capping layer to be provided subject to CBR testing as agreed with Bury Council

PRIVATE HARDSTANDING CONSTRUCTION

PERMEABLE BLOCK PAVING TO PRIVATE DRIVEWAYS
100/150/100
100 Torsomore Hydrostone Regular Duo 200x175, 175x175 blocks laid to a 4% degree herringbone pattern in herringbone (or similar approved)
50 Washed 6.3-20mm grit laying course to BS EN 12620:2002 #
70 20mm coarse sand (BS 6841:2005 Cl 5.2 Table 5.4)
Perforated with 100mm diameter holes at 1.0m c/c prior to laying pit #
250 400mm Coarse Graded Aggregate to BS EN 12620:2002 #
When Geotextile separator layer to be Lotran 1800 (or similar approved) with minimum 300mm overlap.
The grit and coarse graded aggregate should be compacted to ensure that fine grit does not penetrate into the sub-base & destabilise the pavement.