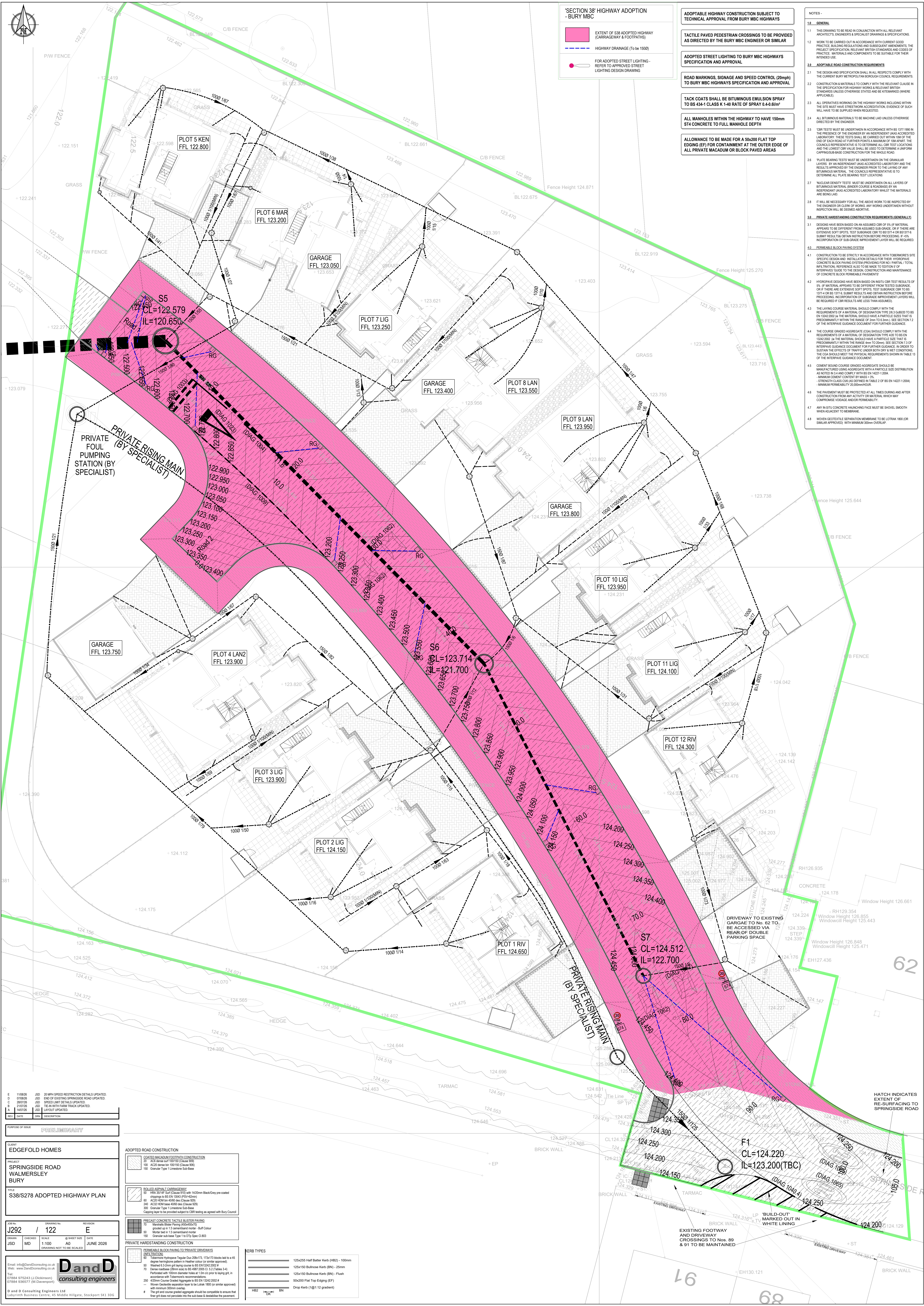




'SECTION 38' HIGHWAY ADOPTION
- BURY MBC

EXTENT OF S38 ADOPTED HIGHWAY (CARRIAGEWAY & FOOTPATHS)

HIGHWAY DRAINAGE (To be 1500)

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-140 RATE OF SPRAY 0.4-0.6lit/m²**
- ALL MANHOLES WITHIN THE HIGHWAY TO HAVE 150mm S14 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 IS 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 REGULATIONS 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 CLAUSE IN THE SPECIFICATION FOR HIGHWAY WORKS & RELEVANT BRITISH STANDARDS UNLESS OTHERWISE STATED AND BE ITEM MARKED (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 100M OF THE END OF EACH ROAD AT FURTHER POINTS A MAXIMUM OF 10M APART. THE COUNCIL'S REPRESENTATIVE IS TO DETERMINE ALL CBR TEST LOCATIONS AND THE LOWEST CBR VALUE SHALL BE USED TO DETERMINE A UNIFORM CARPARK/ROAD 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 COUNCIL'S 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 UNLESS OTHERWISE 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 DEMED APPROVE.
- 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 SUB-GRADE, 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. INCORPORATION OF SUBGRADE IMPROVEMENT LAYERS WILL BE REQUIRED IF CBR RESULTS ARE LESS THAN ASSUMED.
- 4.0 PERMEABLE BLOCK PAVING SYSTEM**
- 4.1 CONSTRUCTION TO BE STRICTLY IN ACCORDANCE WITH TORMAN'S SITE SPECIFIC DESIGN AND INSTALLATION DETAILS FOR THEIR HYDROPAVE CONCRETE BLOCK PAVING SYSTEM PROVIDING FOR NO PARTIAL / TOTAL INFILTRATION. REFERENCE ALSO TO BE MADE TO EDITION 5 OF INTERPAVE GUIDANCE DOCUMENT FOR CONSTRUCTION AND MAINTENANCE OF CONCRETE BLOCK PERMEABLE PAVEMENTS.
- 4.2 HYDROPAVE DESIGNS HAVE BEEN BASED ON INSTU 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. 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 420 TO BS EN 12424:2002 IN THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE 0.075 TO 2.0mm. SEE SECTION 12 OF INTERPAVE GUIDANCE DOCUMENT FOR FURTHER GUIDANCE.
- 4.4 THE COURSE GRADED AGGREGATE (GSA) SHOULD COMPLY WITH THE REQUIREMENTS OF A MATERIAL OF DESIGNATION TYPE 420 TO BS EN 12424:2002 IN THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE 0.075 TO 2.0mm. SEE SECTION 12 OF INTERPAVE GUIDANCE DOCUMENT FOR FURTHER GUIDANCE.
- 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 12427-1:2004. MINIMUM COMBUSTION CONTENT BY MASS < 1% STRENGTH CLASS C30 (AS DEFINED IN TABLE 2 OF BS EN 12427-1:2004) MINIMUM PERMEABILITY 2500mm/HOUR.
- 4.6 THE PAVEMENT MUST BE PROTECTED AT ALL TIMES DURING AND AFTER CONSTRUCTION FROM ANY ACTIVITY OR MATERIAL WHICH MAY COMPROMISE VOIDAGE AND PERMEABILITY.
- 4.7 ANY IN-SITU CONCRETE HANDBLING FACE MUST BE SHOVEL SMOOTH WHEN ADJACENT TO MEMBRANE.
- 4.8 WOVEN GEOTEXTILE SEPARATION MEMBRANE TO BE LOTRAK 1800 (OR SIMILAR APPROVED) WITH MINIMUM 300mm OVERLAP.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	11/08/20	JSD	20 MPH SPEED RESTRICTION DETAILS UPDATED.
2	07/08/20	JSD	END OF EXISTING SPRINGSIDE ROAD UPDATED.
3	28/07/20	JSD	SPEED LIMIT DETAILS UPDATED.
4	21/07/20	JSD	TEAM WITH FARM TRACK UPDATED.
5	16/07/20	JSD	LAYOUT UPDATED.

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
E

DATE
JUNE 2026

SCALE
1:100

BY
JSD

CHECKED
MD

DATE
JUNE 2026

DESCRIPTION
DRAWING NOT TO BE SCALED

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ADOPTED ROAD CONSTRUCTION

GRADED MACADAM FOOTPATH CONSTRUCTION

20 AC20 dense sur 100/150 (Clause 908)

100 AC20 dense sur 100/150 (Clause 908)

150 Granular Type 1 Limestone Sub-Base

SOLID ASPHALT CARRIAGEWAY

50 HRA 30/48 Surf (Clause 910) with 1400mm Black/Grey pre-coated chipping to BS EN 12424:2002 (P1+P2min)

50 AC20 HDM sur 40/60 des (Clause 909)

50 AC20 HDM base 40/60 des (Clause 909)

300 Granular Type 1 Limestone Sub-Base

Capping layer to be provided subject to CBR testing as agreed with Bury Council

PRECAST CONCRETE TACTILE BLISTER PAVING

70 Nearwhite Blister Paving (ASPHALT)

grouted up in 1:3 cement/sand mortar - Buff Colour

40 Mortar bed in 1:3 cement/sand mortar

190 Granular sub-base Type 1 to C1p Spec Cl.803

PRIVATE HARDSTANDING CONSTRUCTION

PERMEABLE BLOCK PAVING TO PRIVATE DRIVEWAYS

60 Tormann Hydropane Tegular Duo 200x173 173x173 blocks laid to a 4.5 degree herringbone pattern in fluidbed sand (in letter approved)

50 Washed 6.3-20mm grit laying course to BS EN 12424:2002 #

50 Dense cushion (20mm sand) to BS 499:2003 Cl. 5.2 (Table 3.4)

Perforated with 100mm diameter holes at 100x100 prior to laying grit in accordance with Tormann's recommendations.

250 400mm Course Graded Aggregate to BS EN 12424:2002 #

Woven Geotextile separation layer to be Lotrak 1800 (or similar approved) with minimum 300mm overlap.

The grit and coarse graded aggregate should be compatible to ensure that base grit does not penetrate into the sub-base & destabilise the pavement.

KERB TYPES

125x255 Half Better Kerb (H&Z) - 100mm

125x150 Bullnose Kerb (BN) - 25mm

125x150 Bullnose Kerb (BN) - Flush

50x200 Flat Top Edging (EF)

Drop Kerb (1 @ 1:12 gradient)

H&Z BN EF

EXISTING FOOTWAY AND DRIVEWAY CROSSINGS TO Nos. 89 & 91 TO BE MAINTAINED

HATCH INDICATES EXTENT OF RE-SURFACING TO SPRINGSIDE ROAD