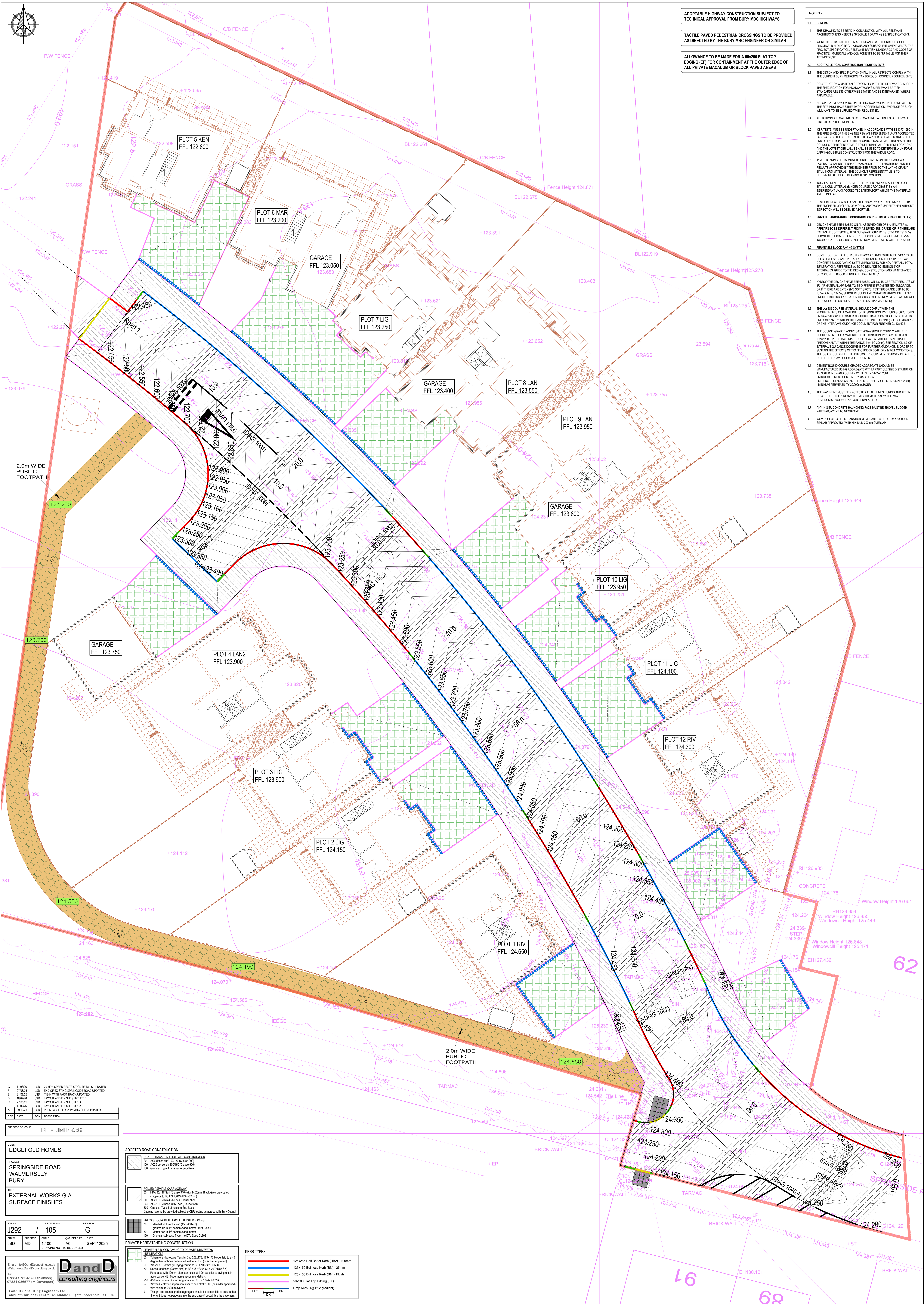


ADOPTABLE HIGHWAY CONSTRUCTION SUBJECT TO
TECHNICAL APPROVAL FROM BURY MBC HIGHWAYS

TACTILE PAVED PEDESTRIAN CROSSINGS TO BE PROVIDED
AS DIRECTED BY THE BURY MBC ENGINEER OR SIMILAR

ALLOWANCE TO BE MADE FOR A 50x200 FLAT TOP
EDGING (EF) FOR CONTAINMENT 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 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 RE-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 CARPINGS-GRANULE 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 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 WORK 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 SUB-GRADE, OR IF THERE ARE EXTENSIVE SOFT SPOTS. TEST GUIDANCE CBR TO BS1377-4 OR BS1377-4 OR BS 1377-5. SUBMIT RESULTS AND OBTAIN INSTRUCTION BEFORE PROCEEDING. INCORPORATION OF SUB-GRADE 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 TORMARKER'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 IN-SITU CBR TEST RESULTS OF 5% IF MATERIAL APPEARS TO BE DIFFERENT FROM TESTED SUB-GRADE, OR IF THERE ARE EXTENSIVE SOFT SPOTS. TEST GUIDANCE CBR TO BS 1377-4 OR BS 1377-5. SUBMIT RESULTS AND OBTAIN INSTRUCTION BEFORE PROCEEDING. INCORPORATION OF SUB-GRADE 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 3/0.5 G/0/20 TO BS EN 12424:2002 IN THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE OF 0.075mm TO 2.0mm. SEE SECTION 13 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 4/0 TO BS EN 12424:2002 IN THE MATERIAL SHOULD HAVE A PARTICLE SIZE THAT IS PREDOMINANTLY WITHIN THE RANGE 0.075mm TO 4.75mm. SEE SECTION 13 OF INTERPAVE GUIDANCE DOCUMENT FOR FURTHER GUIDANCE. IN ORDER TO SUSTAIN THE EFFECTS OF TRAFFIC UNDER BOTH DRY & WET CONDITIONS, THE GSA SHOULD MEET THE PHYSICAL REQUIREMENTS SHOWN IN TABLE 13 OF THE INTERPAVE 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 14227-1:2004. MINIMUM CEMENT CONTENT BY MASS = 3% STRENGTH CLASS C30 (AS DEFINED IN TABLE 2 OF BS EN 14227-1:2004) UNLESS OTHERWISE STATED OTHERWISE.
- 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 HANDLING 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.



15/08/2025 JSD 20 MPH SPEED RESTRICTION DETAILS & UPDATED
07/08/2025 JSD END OF EXISTING SPRINGSIDE ROAD UPDATED
07/08/2025 JSD TIE-IN WITH FARM TRUCK UPDATED
07/08/2025 JSD LAYOUT AND FINISHES UPDATED
07/08/2025 JSD LAYOUT AND FINISHES UPDATED
07/08/2025 JSD PERMEABLE BLOCK PAVING SPEC UPDATED
07/08/2025 JSD

PURPOSE OF ISSUE: PRELIMINARY

CLIENT: EDGEFOLD HOMES

PROJECT: SPRINGSIDE ROAD WALTERSLEY BURY

TITLE: EXTERNAL WORKS G.A. - SURFACE FINISHES

JOB No: J292 / 105 REVISION: G

DRAWN: JSD CHECKED: MD SCALE: 1:100 @ PRINT SIZE: A0 DATE: SEPT 2025

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ADOPTED ROAD CONSTRUCTION

COATED MACADAM FOOTPATH CONSTRUCTION

20 AC10 binder sub 100/150 (Clause 910)

100 AC10 binder sub 100/150 (Clause 960)

150 Granular Type 1 Limestone Sub-Base

ROLLED ASPHALT CARPINGS

50 HRA 30/10F Surf Course 910 with 1420mm Black/Grey pre-coated chippings to BS EN 12424 (910/10mm)

50 AC10 HDM sub 40/60 (des Clause 950)

200 AC10 HDM base 40/60 (des Clause 950)

300 Granular Type 1 Limestone Sub-Base

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

PRECAST CONCRETE TACTILE BLISTER PAVING

40 Nuclear Safety Paving (BS EN 12424)

40 Mortar bed in 1:3 cement/sand mortar - Buff Colour

150 Granular sub-base Type 1 to C175 Spec C1.803

PRIVATE HARDSTANDING CONSTRUCTION

PERMEABLE BLOCK PAVING TO PRIVATE DRIVEWAYS

50 Tormark Hydropane Regular Duo 20x173, 173x173 blocks laid to a 45 degree herringbone pattern in weather colour (to sample approval)

50 Washed 6.3-2mm grit laying course to BS EN 12424:2002 #

70 Denser subcourse (0.075mm sieve to BS 489:2005 C1.3.7) (des Clause 950)

Perforated with 100mm diameter holes at 1.0m c/c prior to laying grit, in accordance with Tormark's recommendations

200 40mm Coarse 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 fine grit does not penetrate into the sub-base & destabilise the pavement.

KERB TYPES

125x255 Half Batter Kerb (H42) - 100mm

125x150 Bullnose Kerb (BN) - 25mm

125x150 Bullnose Kerb (BN) - Flush

50x200 Flat Top Edging (EF)

Drop Kerb (1 @ 1:12 gradient)

HB2 BN