



NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY FULLY WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME ONE, SPECIFICATION FOR ROAD CONSTRUCTION AND STANDARD DETAILS.
- THE CONTRACTOR SHALL UNDERTAKE SUCH MATERIALS TESTING AS INDICATED IN THE SPECIFICATIONS AND SHALL INCLUDE THE COST OF TESTING IN THE TENDER.
- UNLESS STATED OTHERWISE, ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT AN APPROVED TIP OFF-SITE.
- THE PUBLIC HIGHWAY AND WORKS WILL BE KEPT CLEAN AND FREE OF DEBRIS BY USE OF WHEEL WASHING FACILITIES AND ROAD SWEEPERS TO THE COMPLETE SATISFACTION OF THE HIGHWAY AGENCIES.
- ALL SETTING OUT SHALL BE AGREED ON-SITE WITH THE ENGINEER, PRIOR TO THE COMMENCEMENT OF THE WORKS.
- UPON COMPLETION OF THE WORKS, THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MAINTENANCE WORKS TO RETURN THE HIGHWAY TO ITS USUAL CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITY PRIOR TO COMMENCING WORKS ON THE HIGHWAY.
- ALL WORKS TO COMPLY WITH THE ESSEX HIGHWAYS DEVELOPMENT CONSTRUCTION MANUAL, DATED SEPTEMBER 2019.

CEM NOTES:

- THE INTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESCRIBED FOR THIS PROJECT.
- WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING GAS, ELECTRICITY AND BT WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
- WORKS WITHIN AND ADJUTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY. THE HIGHWAY AGENCIES SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF THE WORKS.
- HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURE OF SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL POSTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUGS AND ENSURE THESE ARE NOTICED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.

KERBING NOTES:

- ALL KERBS TO BE IN ACCORDANCE WITH BS7263, PART 1: 2001.
- ALL IN-SITU CONCRETE TO FOUNDATION AND HAUNCH TO BE CLASS ST2 TO CL. 600 OF SHW.
- KERB FOUNDATION TO BE LAID ON ROLLED SUB-BASE OF MINIMUM THICKNESS 100mm.
- THE KERB BED AND BACKING SHALL NORMALLY BE LAID IN ONE OPERATION. WHERE THE BED IS LAID IN ADVANCE OF THE KERB A 200x200mm DIA. WILD STEEL SOWEL BARS WILL BE REQUIRED IN BACKING AT 600mm CENTRES AND KERBS WILL BE BEDDED ON 100mm THICK MORTAR TO DESIGNATION (I) OF CL. 2404 OF SHW.
- KERBS SHALL BE LAID WITH DRY JOINTS AND CLOSELY BUTTED TO ADJACENT KERBS AND CHANNELS.
- TRANSITION KERBS SHALL BE USED AT ALL CHANGES IN KERB FACE.
- FOR RADIUS OF 30m OR LESS AND CHANNELS OF THE APPROPRIATE RADIUS SHALL BE USED.
- FOR RADIUS OF BETWEEN 12m AND 16m STRAIGHT KERBS 600mm LONG SHALL BE USED.
- CUTTING KERBS AND CHANNELS SHALL BE APPROVED MECHANICAL MEANS.
- THE LENGTH OF ANY KERB OR CHANNEL SHALL NOT BE LESS THAN 300mm.

CONSTRUCTION NOTES:

- ALL SOFT SPOTS AND VOIDS SHALL BE REMOVED BEFORE CONSTRUCTION AND REPAIRED WITH SUITABLE MATERIAL.
- APPROVED RESIDUAL WHEELER, WHICH DOES NOT CONTAIN ATRAZINE OR CHLORINE, MUST BE APPLIED TO ALL FORMATIONS.
- ALL CONCRETE AND CEMENT MORTAR MUST BE SULPHATE RESISTING TO BS682.
- ALL CARRIAGEWAY MATERIALS SHALL BE SUPPLIED AND LAID IN ACCORDANCE WITH BS 1338 & BS 5847.
- ALL MATERIALS IN CARRIAGEWAYS TO BE LAID BY MACHINE.
- MINIMUM DEPTH OF 450mm IS REQUIRED FOR FROST SUSCEPTIBLE MATERIAL. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE COR VALUES FOR EACH ACCESS ROAD AND SHALL SUBMIT DETAILS OF THE PROPOSED CONSTRUCTION TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO COMMENCING THE WORKS.
- A CARPING LAYER WITH A MINIMUM THICKNESS OF 600mm WILL BE REQUIRED WHEN THE CB OF THE SUB-GRADE IS LESS THAN 2.5%.
- THE CB OF THE COMPACTED CARPING LAYER SHALL BE AT LEAST 15%.
- ALL EARTHWORKS TO BE IN ACCORDANCE WITH SERIES 600 OF SHW.

PAVING KEY

- NON-PERMEABLE BLOCK PAVING (SHARED ACCESSSES) - 80mm THICK
- NON-PERMEABLE BLOCK PAVING (SHARED ACCESSSES) - 60mm THICK
- PERMEABLE BLOCK PAVING (SHARED ACCESSSES) - 80mm THICK
- FLEXIBLE PRIVATE DRIVE CONSTRUCTION (ASPHALT)
- FLEXIBLE FOOTWAY CONSTRUCTION (ASPHALT)
- PAVING SLABS (PATIOS AND PRIVATE PATHS) - 600 x 600mm IN 'BUFF' COLOUR
- PROPOSED SHED BASE

KERBING KEY

- HALF-BATTER TO BULLNOSE PCC DROPPER KERB
- 125 x 150mm TYPE BM PCC KERB, 25mm UPSTAND
- 125 x 150mm TYPE BM PCC KERB, 0-6mm UPSTAND
- 150 x 125mm TYPE CS CHANNEL KERB, NO UPSTAND
- 50 x 150mm TYPE EF PCC FLAT TOP EDGING, NO UPSTAND
- BLOCK PAVING SINGLE STRETCHER COURSE

KEY PLAN (SCALE= 1:15,000)

0m 2m 10m

Scale: 1:250 @ A0

CONSTRUCTION ISSUE

CI	80mm BLOCK PAVED AREAS ADDED	MSL	MSL	JEC	09.09.21
C1	CONSTRUCTION ISSUE	UN	MSL	JEC	12.04.21
Rev	Description	Drm	Chkp	App	Date

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BELLWAY HOMES (EASTERN COUNTIES) LTD

Project Title

LAND NORTH OF STORTFORD ROAD, GREAT STUNMOW

Drawing Title

PRIVATE KERBING AND PAVING GENERAL ARRANGEMENT (SHEET 2 OF 2)

A0 Scale: 1:250 Date: 12 FEB 2021 Designed by: MJR
Drawn by: MJR Checked by: MS� Approved by: JEC
Drawing Number: 194538-1211 Rev: C2

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