



LEGEND			
	HALF BATTERED 100mm UPSTAND PRECAST CONCRETE FULL FACE KERB		PROPOSED EXTERNAL LEVELS
	DROPPED KERB WITH 14mm UPSTAND		EXISTING GROUND LEVEL
	BULLNOSED KERB WITH 14mm UPSTAND		NEW ROAD GULLY
	50mm WIDE FLUSH PRECAST CONCRETE FOOTWAY EDGING		NEW ASPHALT CONSTRUCTION
	DENOTES 1200mm HIGH FREESTANDING WALL CONSTRUCTED IN 215mm BRICKWORK. PROVIDE 550mm WIDE x MIN 300mm THICK STRIP FOOTING. REFER TO DETAILS.		
	TRAFFIC CALMING RAISED BUMP		

- THIS DRAWING IS BASED ON A TOPOGRAPHICAL SURVEY CARRIED OUT BY SITECH SURVEYING SERVICES AS DEPICTED ON THEIR DRAWING 12254/18 AND PLANNING DRAWINGS BY ARCHITECTS MEPK.
- DIMENSIONS ARE STATED IN MILLIMETRES UNLESS SHOWN OTHERWISE. CHAINAGES ARE STATED IN METRES. LEVELS ARE IN METRES AND RELATED TO ORDNANCE DATUM.
- DIMENSIONS AND CO-ORDINATES SHOULD NOT BE SCALED FROM THIS DRAWING. IF IN DOUBT PLEASE ASK.
- THE CONTRACTOR IS TO VERIFY THE ACCURACY OF INFORMATION PROVIDED BY OTHERS.
- EXISTING PUBLIC UTILITY SERVICES AND PRIVATE APPARATUS ARE NOT NECESSARILY ALL SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL LIAISE WITH THE APPROPRIATE UTILITY PROVIDER TO DETERMINE PRECISELY WHERE ON SITE EXISTING SERVICES ARE LOCATED. SERVICES SHALL BE LOCATED AND MARKED OUT ON SITE PRIOR TO ANY EXCAVATION WORK BEING COMMENCED.
- ALL EXISTING SERVICES, SEWERS AND DRAINS INDICATED ON THIS AND ANY OTHER RELATED DRAWINGS ARE SHOWN ONLY INDICATIVELY, AND SHALL HAVE THEIR POSITION AND LEVEL CONFIRMED ON SITE BY THE CONTRACTOR.
- THE PROPOSED ACCESS ROADS IS TO BE OFFERED FOR ADOPTION TO ESSEX COUNTY COUNCIL UNDER A SECTION 38 AGREEMENT.
- ALL HIGHWAY WORKS SHALL BE CONSTRUCTED FULLY IN ACCORDANCE WITH ESSEX COUNTY COUNCIL'S SPECIFICATION AND THE HIGHWAYS AGENCY SPECIFICATION. THE CONTRACTOR SHALL LIAISE WITH ESSEX COUNTY COUNCIL'S HIGHWAYS INSPECTOR WITH REGARD TO INSPECTIONS AT THE APPROPRIATE STAGES OF THE WORKS.
- SURFACE WATER FROM THE DEVELOPED SITE SHALL BE DRAINED TO ONSITE SOAKAWAYS. THE CONTRACTOR SHALL UNDERTAKE AN ONSITE POROSITY TEST TO COMPLY WITH BRE 365 AT THE LOCATION OF THE ADOPTABLE SOAKAWAY TO SATISFY THE REQUIREMENT OF ESSEX HIGHWAYS.
- FOUL WATER FROM THE DEVELOPMENT SHALL BE DRAINED TO TWO EXISTING FOUL MANHOLES NORTH OF THE SITE UNDER A S106 SUBJECT TO APPROVAL BY ANGLIAN WATER.
- CONNECTIONS TO THE EXISTING SEWER SHALL BE SUBJECT TO THE APPROVAL OF ANGLIAN WATER AND SHALL BE CARRIED OUT BY A CONTRACTOR APPROVED BY ANGLIAN WATER. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ANGLIAN WATER WITH REGARDS TO SUBMITTING METHOD STATEMENTS, RISK ASSESSMENTS ETC FOR OBTAINING A 'PERMIT TO WORK' ON THE SEWER.
- ALL CONNECTIONS TO ADOPTABLE SEWERS TO BE MADE IN VITRIFIED CLAY ONLY.
- ALL NON-ADOPTABLE DOMESTIC DRAINAGE SHALL BE SUBJECT TO INSPECTIONS BY THE LOCAL BUILDING CONTROL OFFICER. THE CONTRACTOR SHALL LIAISE WITH THE BUILDING INSPECTOR WITH REGARD TO ARRANGING INSPECTIONS AT THE APPROPRIATE STAGES OF THE WORK.
- PROTECTION TO DOMESTIC SEWERS: WHERE THE COVER TO PIPES UNDER TRAFFICKED AREAS IS LESS THAN 900mm THE PIPELINE SHALL BE PROTECTED WITH A MIN 150mm THICK CONCRETE SURROUND (BED TYPE Z1).
- PROTECTION TO ANGLIAN WATER ADOPTABLE SEWERS: WHERE THE COVER TO PIPES UNDER THE CARRIAGEWAY IS LESS THAN 1200mm THE PIPELINE SHALL BE PROTECTED WITH A 175mm THICK REINFORCED CONCRETE SLAB (BED TYPE Z3).
- PROTECTION TO HIGHWAY SEWERS: WHERE THE COVER TO PIPES UNDER THE CARRIAGEWAY IS LESS THAN 1200mm THE PIPELINE SHALL BE PROTECTED WITH A FULL CONCRETE BED AND SURROUND (BED TYPE Z1).
- ALL PIPES ENTERING OR LEAVING MANHOLES SHALL BE LAID WITH THEIR SOFFITS LEVEL, UNLESS SHOWN OR AGREED OTHERWISE.
- GULLY CONNECTIONS TO BE 150mm DIA AT A GRADIENT NO FLATTER THAN 1 IN 180 UNLESS STATED OTHERWISE.
- ALL DOMESTIC DRAINAGE PIPE LINES SHALL BE 100mm DIA CLAYWARE OR PVC UNLESS STATED OTHERWISE. 100mm DIA STORM DRAINS SHALL BE LAID AT A GRADIENT NO FLATTER THAN 1 IN 100, AND FOUL DRAINS TO A GRADIENT NO FLATTER THAN 1 IN 80.
- THE SURFACE COURSE ON THE ACCESS ROAD SHALL BE DEFERRED UNTIL BUILDING WORK FOR THE WHOLE DEVELOPMENT IS COMPLETE. GULLY FRAMES AND GRATES AND OTHER IRONWORK SHALL BE TEMPORARILY SET FLUSH WITH THE BASE COURSE AND RAISED AT THE TIME THE SURFACE COURSE IS CONSTRUCTED.
- ALL WORKS WITHIN THE EXISTING HIGHWAY SHALL BE CARRIED OUT FULLY IN ACCORDANCE WITH THE NEW WORKS AND STREET WORKS ACT 1991 AND TO CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL. THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND REMOVE UPON COMPLETION ALL TEMPORARY SIGNING REQUIRED FOR WORKS CARRIED OUT WITHIN THE HIGHWAY. THE CONTRACTOR SHALL LIAISE WITH THE HIGHWAYS INSPECTOR OF ESSEX CITY COUNCIL WITH REGARD TO AGREEING APPROPRIATE METHODS OF TRAFFIC MANAGEMENT.
- THE REINSTATEMENT OF THE HIGHWAY SHALL BE CARRIED OUT FULLY IN ACCORDANCE WITH THE HAUC 'SPECIFICATION FOR THE REINSTATEMENT OF OPENINGS IN HIGHWAYS'. REINSTATEMENT SHALL BE PERMANENT (ON FIRST VISIT). TRENCH BACKFILL MATERIAL SHALL BE TYPE 1 GRANULAR SUB-BASE.
- THE CONTRACTOR SHALL SUBMIT TO THE STREET WORKS COORDINATOR AND UTILITY COMPANIES THE APPROPRIATE 'N' NOTICES. UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL SUBMIT TO THE STREET WORKS COORDINATOR THE APPROPRIATE 'R' NOTICE.
- ALL PROPRIETARY MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- NO TREES, HEDGES OR SHRUBS SHALL BE TAKEN UP OR OTHERWISE DAMAGED UNLESS NOTED TO THE CONTRARY ON THE DRAWINGS. OR EXPRESS PERMISSION IS FIRST OBTAINED FROM THE EMPLOYER.
- FOR PRECISE POSITIONS AND DETAILS OF DOMESTIC PATHS, SHEDS, BIN STORES, WASHING LINES ETC PLEASE REFER TO THE ARCHITECTS DRAWINGS.
- FOR DETAILS OF LANDSCAPING AND PLANTING PLEASE REFER TO THE LANDSCAPING DRAWING PREPARED BY OTHERS.
- THE MAIN CONTRACTOR IS RESPONSIBLE FOR ACHIEVING AND MAINTAINING THE STABILITY OF EARTHWORKS AND ANY EXISTING STRUCTURES ON THE SITE AND ADJOINING SITES, TAKING ALL NECESSARY PRECAUTIONS TO SAFEGUARD THIS STABILITY. ADEQUATE SHORING IS TO BE INSERTED DURING THE WORKS TO ENSURE STABILITY AND SUCH SHORING IS TO BE ADEQUATELY FOUNDED AND BRACED.
- AS UNDERLYING GROUND CONDITIONS MAY BE VARIABLE ACROSS THE SITE THE CONTRACTOR SHALL UNDERTAKE ONSITE POROSITY TESTS AT THE LOCATION AND DEPTH OF EACH SOAKAWAY. TESTS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH BRE 365 AND RESULTS FORWARDED TO THE ENGINEERS TO ALLOW VERIFICATION OF DESIGNS.
- PRIOR TO COMMENCING ANY DRAINAGE WORKS THE CONTRACTOR SHALL CHECK AND CONFIRM BACK TO ROSSI LONG CONSULTING LTD THE EXISTING INVERT LEVEL OF ALL OUTFALLS AND/OR CONNECTIONS TO EXISTING SEWERS. ANY WORK CARRIED OUT WITHOUT DOING THIS IS ENTIRELY AT THE CONTRACTOR'S OWN RISK.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX
NOTES: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER PRODUCED FOR INCLUSION IN THE HEALTH AND SAFETY PLAN. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

CONSTRUCTION RISKS:

MAINTENANCE/CLEANING RISKS:

DEMOLITION RISKS:

NOTE:
1. DO NOT SCALE, IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEER'S DRAWINGS AND DETAILS. THE SPECIFICATION FOR THE WORKS, THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALISTS DRAWINGS.
3. ANY DISCREPANCIES FOUND ON THIS OR ANY OTHER DRAWINGS ARE TO BE REPORTED TO AND RESOLVED BY ROSSI LONG CONSULTING BEFORE THE COMMENCEMENT OF ANY WORK RELEVANT TO THE DISCREPANCY.
4. THE PRINCIPAL CONTRACTOR IS TO PROVIDE FULLY DESIGNED PROPPING/SHORING TO FACILITATE THE WORKS. ALL PROPPING & BRACING IS TO BE ADEQUATELY FOUNDED TO ENSURE THE STABILITY/INTEGRITY OF THE EXISTING PROPOSED STRUCTURES &/OR EARTHWORKS IS MAINTAINED. UNLESS INDICATED ON THE DRAWINGS, THE TEMPORARY WORKS ARE NOT TO IMPOSE REACTIONS ON THE PERMANENT STRUCTURE WITHOUT PRIOR WRITTEN CONSENT FROM ROSSI LONG CONSULTING.
5. THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF ROSSI LONG CONSULTING'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. ROSSI LONG CONSULTING ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED. ONLY WRITTEN DIMENSIONS SHALL BE USED.

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NOTE:
FOR FULL NOTES SEE
DRAWING 181013_CL-01.

PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

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CLIENT

INDECON BUILDING LTD

PROJECT
**ROMAN WAY, BILLERICAY
BASILDON, ESSEX**

TITLE
PARKING RESTRICTION LAYOUT

DRAWN	AUTHORISED	DATE	SCALE AT A1
DT		OCT'18	1:100
PROJECT NO.	DRAWING NO.	REV	
181013	CL-07	P2	
STAGE: PRELIMINARY			