

	1. THIS DRAWING IS BASED ON A TOPOGRAPI SITECH SURVEYING SERVICES AS DEPICTE AND PLANNING DRAWINGS BY ARCHITECT	HICAL SURVEY CARRIED OUT BY ED ON THEIR DRAWING 12254/18 S MEPK.	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.	
	 DIMENSIONS ARE STATED IN MILLIMETRES CHAINAGES ARE STATED IN METRES. LEVE TO ORDNANCE DATUM. 	UNLESS SHOWN OTHERWISE. LS ARE IN METRES AND RELATED	CONSTRUCTION RISKS:	
	 DIMENSIONS AND CO-ORDINATES SHOULD DRAWING, IF IN DOUBT PLEASE ASK. 	NOT BE SCALED FROM THIS		
	 THE CONTRACTOR IS TO VERIFY THE ACCU PROVIDED BY OTHERS. 	JRACY OF INFORMATION	MAINTENANCE/CLEANING RISKS:	
	 EXISTING PUBLIC UTILITY SERVICES AND P NECESSARILY ALL SHOWN ON THIS DRAWI LIAISE WITH THE APPROPRIATE UTILITY PR PRECISELY WHERE ON SITE EXISTING SER SHALL BE LOCATED AND MARKED OUT ON WORK BEING COMMENCED. 	TY SERVICES AND PRIVATE APPARATUS ARE NOT WN ON THIS DRAWING. THE CONTRACTOR SHALL OPRIATE UTILITY PROVIDER TO DETERMINE SITE EXISTING SERVICES ARE LOCATED. SERVICES ID MARKED OUT ON SITE PRIOR TO ANY EXCAVATION ICED.	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 SPECIALIST'S 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	
	 ALL EXISTNG SERVICES, SEWERS AND DRA OTHER RELATED DRAWINGS ARE SHOWN (HAVE THEIR POSITION AND LEVEL CONFIRI CONTRACTOR. 	AINS INDICATED ON THIS AND ANY ONLY INDICATIVELY, AND SHALL MED ON SITE BY THE		
	7. THE PROPOSED ACCESS ROADS IS TO BE ESSEX COUNTY COUNCIL UNDER A SECTIO	OFFERED FOR ADOPTION TO N 38 AGREEMENT.		
	8. ALL HIGHWAY WORKS SHALL BE CONSTRU WITH ESSEX COUNTY COUNCIL'S SPECIFIC AGENCY SPECIFICATION. THE CONTRACTO COUNTY COUNCIL'S HIGHWAYS INSPECTO AT THE APPROPRIATE STAGES OF THE WO	CTED FULLY IN ACCORDANCE CATION AND THE HIGHWAYS OR SHALL LIAISE WITH ESSEX R WITH REGARD TO INSPECTIONS RKS.		
	 SURFACE WATER FROM THE DEVELOPED S ONSITE SOAKAWAYS. THE CONTRACTOR S POROSITY TEST TO COMPLY WITH BRE 365 ADOPTABLE SOAKAWAY TO SATISFY THE F HIGHWAYS. 	SITE SHALL BE DRAINED TO HALL UNDERTAKE AN ONSITE AT THE LOCATION OF THE REQUIREMENT OF ESSEX	IS TO BE ADEQUATELY FOUNDED TO ENSURE 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.	
	 FOUL WATER FROM THE DEVELOPMENT SH EXISTING FOUL MANHOLES NORTH OF THE APPROVAL BY ANGLIAN WATER. 	HALL BE DRAINED TO TWO SITE UNDER A S106 SUBJECT TO	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	
— [11. CONNECTIONS TO THE EXISTING SEWER S APPROVAL OF ANGLIAN WATER AND SHALL CONTRACTOR APPROVED BY ANGLIAN WA COMPLY WITH THE REQUIREMENTS OF AN SUBMITTING METHOD STATEMENTS, RISK / OBTAINING A 'PERMIT TO WORK' ON THE SE	HALL BE SUBJECT TO THE . BE CARRIED OUT BY A TER. THE CONTRACTOR SHALL GLIAN WATER WITH REGARDS TO ASSESSMENTS ETC FOR EWER.	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. © ROSSI LONG CONSULTING 2018.	
	12. ALL CONNECTIONS TO ADOPTABLE SEWER ONLY.	S TO BE MADE IN VITRIFIED CLAY	NOTE: FOR FULL NOTES SEE DRAWING 181013_CL-01.	
	13. ALL NON-ADOPTABLE DOMESTIC DRAINAG INSPECTIONS BY THE LOCAL BUILDING COI CONTRACTOR SHALL LIAISE WITH THE BUIL TO ARRANGING INSPECTIONS AT THE APPE	E SHALL BE SUBJECT TO NTROL OFFICER. THE LDING INSPECTOR WITH REGARD ROPRIATE STAGES OF THE WORK.		
	 PROTECTION TO DOMESTIC SEWERS: WHERE THE COVER TO PIPES UNDER TRAF 900mm THE PIPELINE SHALL BE PROTECTE CONCRETE SURROUND (BED TYPE Z1). 	FICKED AREAS IS LESS THAN D WITH A MIN 150mm THICK		
	15. PROTECTION TO ANGLIAN WATER ADOPTA WHERE THE COVER TO PIPES UNDER THE 1200mm THE PIPELINE SHALL BE PROTECTI REINFORCED CONCRETE SLAB (BED TYPE	BLE SEWERS: CARRIAGEWAY IS LESS THAN ED WITH A 175mm THICK Z3).		
	 PROTECTION TO HIGHWAY SEWERS: WHERE THE COVER TO PIPES UNDER THE 1200mm THE PIPELINE SHALL BE PROTECTI AND SURROUND (BED TYPE Z1). 	CARRIAGEWAY IS LESS THAN ED BY A FULL CONCRETE BED		
	17. ALL PIPES ENTERING OR LEAVING MANHOL SOFFITS LEVEL, UNLESS SHOWN OR AGRE	.ES SHALL BE LAID WITH THEIR ED OTHERWISE.		
	 GULLY CONNECTIONS TO BE 150mm DIA AT IN 180 UNLESS STATED OTHERWISE. 	A GRADIENT NO FLATTER THAN 1		
	19. ALL DOMESTIC DRAINAGE PIPE LINES SHAI PVC,UNLESS STATED OTHERWISE. 100mm LAID AT A GRADIENT NO FLATTER THAN 1 II GRADIENT NO FLATTER THAN 1 IN 80.	L BE 100mm DIA CLAYWARE OR DIA STORM DRAINS SHALL BE N 100, AND FOUL DRAINS TO A		

- 20. 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.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. ALL PROPRIETARY MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- 25. 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.
- 26. FOR PRECISE POSITIONS AND DETAILS OF DOMESTIC PATHS, SHEDS, BIN STORES, WASHING LINES ETC PLEASE REFER TO THE ARCHITECTS DRAWINGS.
- 27. FOR DETAILS OF LANDSCAPING AND PLANTING PLEASE REFER TO THE LANDSCAPING DRAWING PREPARED BY OTHERS.
- 28. 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.
- 29. 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 BRE365 AND RESULTS FORWARDED TO THE ENGINEERS TO ALLOW VERIFICATION OF DESIGNS.
- 30. 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.

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



PRELIMINARY

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