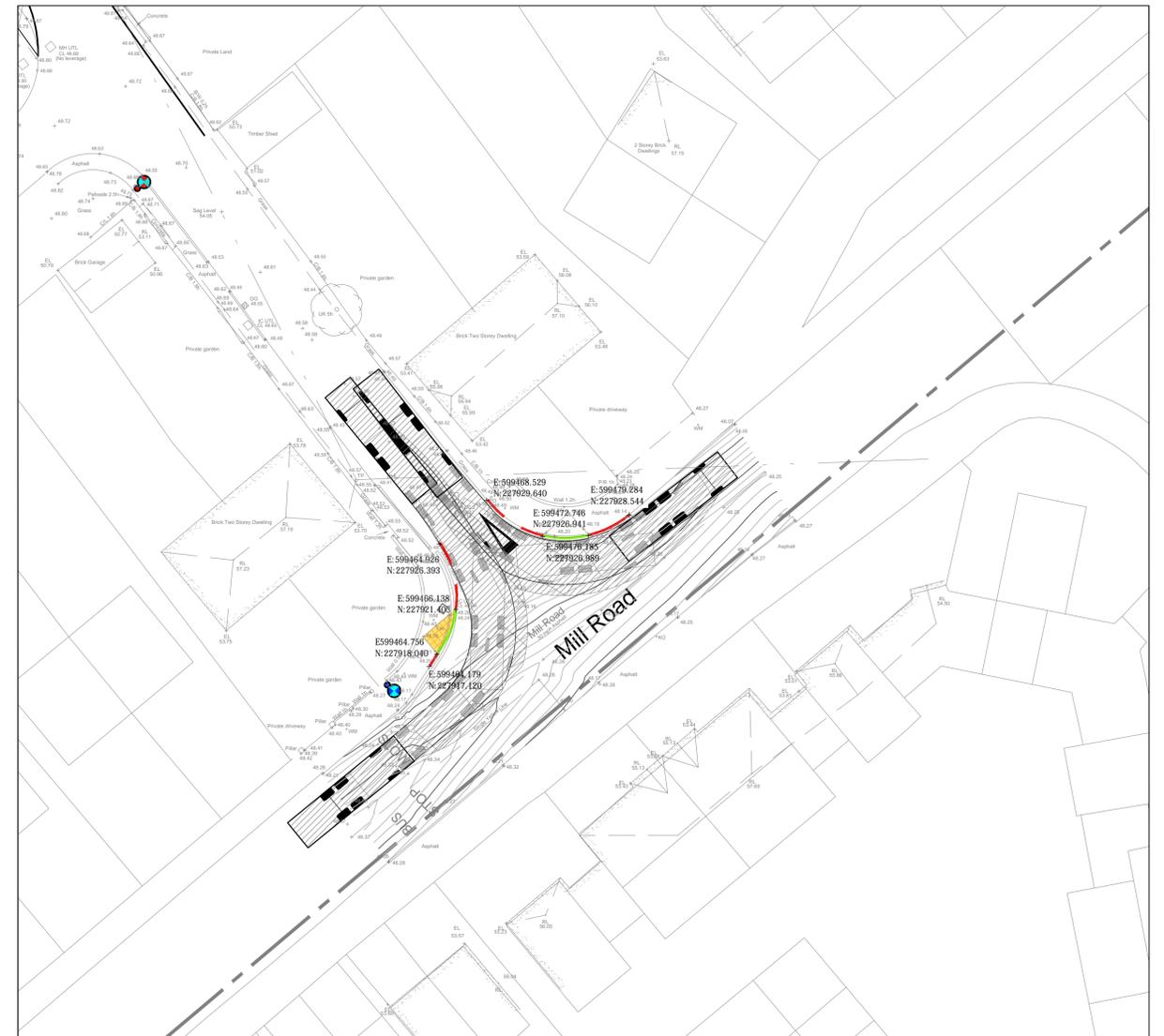


MILL ROAD ACCESS -
GENERAL ARRANGEMENT
SCALE 1:250

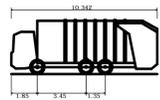


MILL ROAD ACCESS
TRACKING AND SETTING OUT
SCALE 1:250

SURFACE WATER CONNECTIONS FROM EXISTING ACCESS ROAD DRAINAGE TO BE INVESTIGATED AND OUTFALL LOCATION CONFIRMED PRIOR TO COMMENCEMENT OF WORKS

ALL NEW DRAINAGE CONNECTIONS AND NEW SERVICES TO BE INSTALLED PRIOR TO COMMENCEMENT OF JUNCTION WORKS

BOND COATS SHALL BE APPLIED BETWEEN BOUND LAYERS OF BITUMINOUS MATERIALS BY METERED MECHANICAL SPRAYING EQUIPMENT. BOND COATS SHALL HAVE A BBA CERTIFICATION AND COMPLY WITH CL.920, VOL1, MCHW



Essex Large Refuse Vehicle (3 axle)
Overall Length 10.342m
Overall Width 2.450m
Overall Body Height 3.814m
Min Body Ground Clearance 0.366m
Track Width 2.450m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 9.500m

NOTES FOR COLUMNS NC18 AND NC19

TRANSFER EXISTING SCHOOL CROSSING SIGN AND WIG WAG SIGN TO THE NEW COLUMNS AND REMOVE THE EXISTING POST. SOLAR PANEL AND EQUIPMENT TO BE RETURNED TO ECC SPRINGFIELD DEPOT

SIGNS SHALL BE MOUNTED ON OFF SET BRACKETS SO THAT THE SIGNS DO NOT OVERHANG PRIVATE PROPERTY.
NON -HIGHWAY SIGNS SHALL BE TRANSFERRED TO THE NEW COLUMNS.

SITE SPECIFIC COLUMN DATA SHEETS TO BE PROVIDED BY THE COLUMN MANUFACTURER

GENERAL KEY	
	NEW FULL DEPTH CARRIAGEWAY CONSTRUCTION
	NEW FULL DEPTH FOOTWAY CONSTRUCTION
	PLANE OFF EXISTING SURFACE AND BINDER COURSE AND RELAY NEW SURFACE AND BINDER
	PROPOSED TACTILE PAVING CONSTRUCTION
	TYPE HB2 125 x 255mm WITH 125mm UPSTAND
	TYPE BN 125 x 150mm WITH 6-10mm UPSTAND
	DROPPER KERB TYPE - HALF BATTER TO BULLNOSE
	EDGING TYPE EF 50 x 150mm NO UPSTAND
	EXISTING GULLY TO BE RELOCATED TO SUIT REVISED KERB ALIGNMENT
	PROPOSED GULLY LOCATION
	PROPOSED S104 FW SEWER
	PROPOSED S104 SW SEWER
	8m TUBULAR STEEL GLAVANISED COLUMN TO ECC SPECIFICATION WITH POST TOP MOUNTED LANTERN (URBIS AMPERA MIDI 5141 48 LED LUMINAIRE)

REFER TO STREET LIGHTING REPORT DOCUMENT PRODUCED BY MMA FOR FULL LANTERN SPECIFICATION, CALCULATIONS & SETTING OUT

CDM NOTES:

- THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONNECTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED 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 ABUTTING 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 AUTHORITY AND THE POLICE DEPARTMENT.
- HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURERS ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED 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.

ROAD MARKING NOTES:

- ALL ROAD MARKINGS SHALL BE IN ACCORDANCE WITH 'THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2002' AND TO THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- ALL SURFACE MARKINGS SHALL BE SCREED APPLIED IN THERMOPLASTIC MATERIAL COMPLYING WITH BS3262: PART 1, CLASS A. MARKING THICKNESS SHALL BE 4mm + OR -1mm.
- ALL SURFACE MARKINGS SHALL BE REFLECTORISED BY MEANS OF SPHERICAL GLASS BEADS TO BS5114:23, CLASS A, PREMIXED DURING COMPOUNDING AT A RATE OF 20% BY WEIGHT AND ADDITIONALLY BY SPHERICAL GLASS BEADS TO BS5114:23, CLASS B, SURFACE APPLIED DURING APPLICATION AT A RATE OF 400-500G/M².
- THE SKID RESISTANCE OF ALL SURFACE MARKINGS SHALL NOT BE LESS THAN 55.
- EXACT LOCATIONS OF THE SURFACE MARKINGS SHALL BE AGREED ON SITE WITH THE ENGINEER PRIOR TO THEIR PERMANENT APPLICATION.

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 HIGHWAY WORKS AND THE LOCAL AUTHORITY ESSEX COUNTY COUNCIL 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 COUNCIL'S SATISFACTION.
- ALL SETTING OUT SHALL BE AGREED ON SITE WITH THE ENGINEER, PRIOR TO THE COMMENCEMENT OF THE WORKS.
- THIS DRAWING HAS BEEN BASED UPON A TOPOGRAPHICAL SURVEY PRODUCED BY SURVEY SOLUTIONS, REFERENCE 162286-018, DATED SEPTEMBER 2015.
- UPON COMPLETION OF THE WORKS, THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY MAINTENANCE REPAIRS TO RETURN THE HIGHWAY TO ITS FORMER CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITY PRIOR TO COMMENCING WORKS ON THE HIGHWAY.

Rev	Description	Dwn	Chk	App	Date
D	NOTE REGARDING COLUMNS NC18 AND NC19 ADDED	DE	AF	CBP	18.01.17
C	JUNCTION PROFILE REMODELLED, ADDITIONAL GULLIES ADDED, CONSTRUCTION DETAILS OMITTED	AF	AF	CBP	04.07.16
B	EXTENT OF S278 WORKS UPDATED	AF	AF	CBP	12.05.16
A	UPDATED WITH ITEMS RAISED IN STAGE 2 RSA	AF	AF	TRF	12.04.16

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Client
SEVERALLS HOSPITAL DEVELOPMENT CONSORTIUM

Project Title
SEVERALLS HOSPITAL, COLCHESTER

Drawing Title
AREA F2 - MILL ROAD ACCESS S278 GENERAL ARRANGEMENT

AI Scale	Date	Designed by
1:250	MARCH 2016	DE
Drawn by	Checked by	Approved by
AF	AF	CBP

Drawing Number **C623 - 110** Rev **D**

CONSTRUCTION
ISSUE

SUBJECT TO
APPROVAL