


INSPECTIONS REQUIRED BY THE HIGHWAYS INSPECTOR

The contractor shall give advance notice to suffolk county council to allow the inspector proper inspection and checking of the works at the following designated stages:

- 1) Prior to start of works a photographic record of existing highway condition adjacent to development to be agreed and recorded
- 2) Start of the works
- 3) Before back filling any trenches under new highway
- 4) Completion of formation
- 5) Completion of sub-base
- 6) Arrival and planting of trees
- 7) Laying of base
- 8) Laying of binder course
- 9) Laying of surface course
- 10) All damage to existing highway resulting from construction traffic to be repaired before the inspector will be recommend works for interim/adoption

No street light shall be installed until its final position has been agreed with the street lighting engineer

CDM REGULATIONS HEALTH AND SAFETY INFORMATION FOR THE LIFETIME OF THE DEVELOPMENT

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:

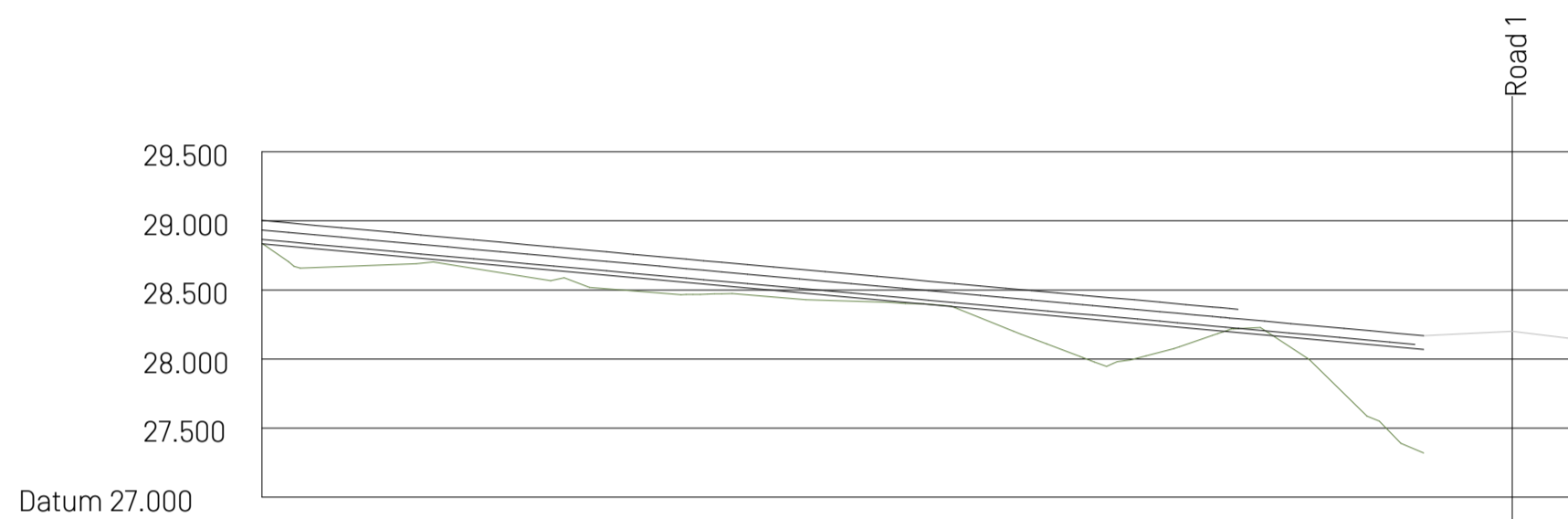
1. Confined spaces entry and hazardous waste materials / gas.
2. Deep manholes / excavations
3. Contractor to locate services prior to excavating.
4. Asbestos may be present.
5. Drainage connection requires deep excavation temp works required.
6. Existing drains to be protected and bridged over where required.
7. Works adjacent to busy road and river. Watercourse / ditch levels may rise rapidly following prolonged periods of rainfall.
8. Soft ground during construction works particularly in wet weather.

MAINTENANCE/CLEANING RISKS:

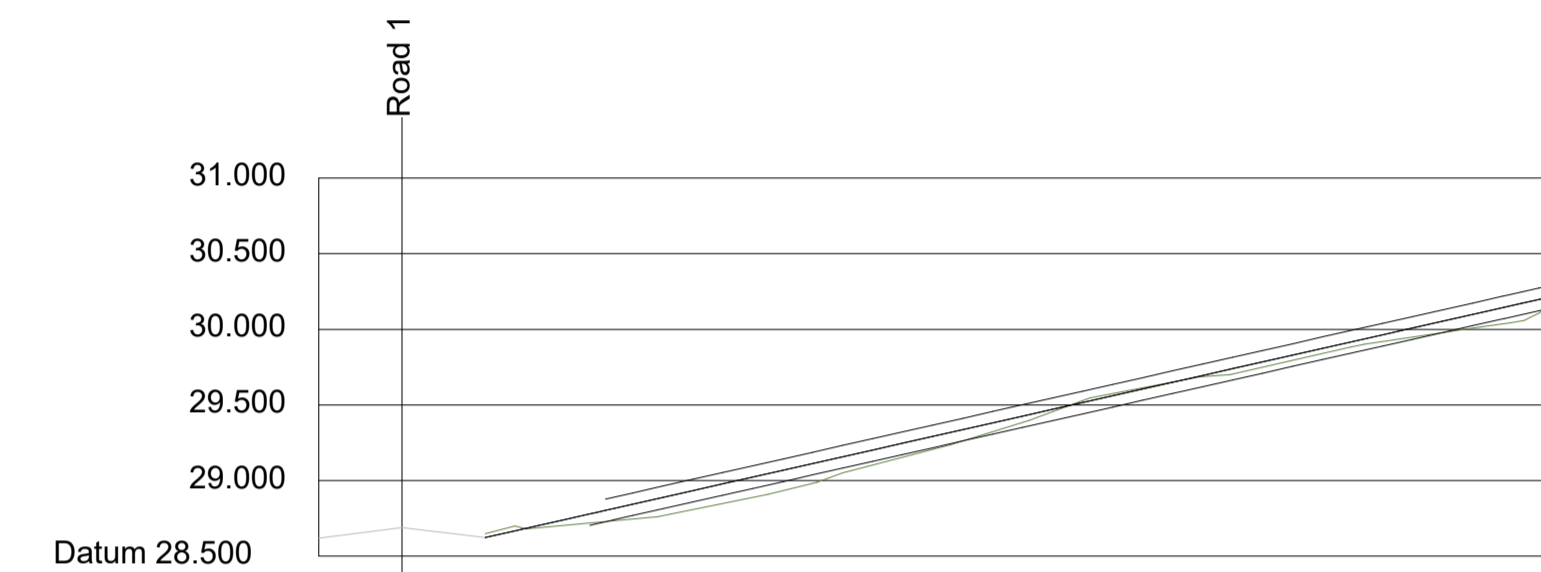
1. Pavement deformations to be monitored to ensure that designed pavement falls are maintained. If significant deformation is allowed to propagate then localised flooding could occur.
2. Silt traps, drainage channels, permeable pavements and inspection chambers require the standard periodic inspection regime and cleaning routine to ensure continued performance and reduce the risk of flooding.
3. Works adjacent to Watercourse / ditch. Watercourse / ditch levels will vary during heavy rainfall events.
4. Potential for soft spots within existing ground after heavy rainfall.
5. Dust and noise impacts on local community.
6. Existing live services and utilities.
7. Deep manholes / excavations - appropriate entry equipment required.
8. Soft ground during construction works particularly in wet weather.

DEMOLITION / ADAPTION RISKS:

1. Apparatus located in landscaped areas has not been designed to support heavy vehicle loading.
2. The surface water drainage apparatus has been designed to accommodate the designed catchment area. no additional areas of hardstanding can be connection into the system without risk of localised flooding on site.
3. Hazardous waste materials / dust and debris released into the air.
4. Deep manholes / excavations - appropriate entry equipment required.
5. Works adjacent to river. Watercourse / ditch levels will vary during heavy rainfall events.
6. Unknown ground conditions during / after heavy rainfall.
7. Soft ground during construction works particularly in wet weather.



Chainage	0.000	10.000	15.355	16.646	20.000	26.017	30.000	34.416	35.368	40.000	44.767	45.286
EGM	28.634	28.582			28.428		27.990			27.591		
Alignment 5	28.634	28.652			28.470		28.288			28.107	28.069	
Vertical Alignment	L=42.067 G=-55.006											
Horizontal Alignment	R=25.000 R=17.585 R=4.321											
Left Channel	28.665	28.663			28.502		28.320			28.138	28.106	
Centre Line	28.934	28.752			28.570		28.388			28.207	28.169	
Right Channel	29.003	28.821			28.639		28.457		28.360			
Crossfall	RH=+40.000											
	LH=-40.000											



Chainage	-2.752	0.000	3.468	10.000	20.000	30.000	36.501
EGM		28.650		28.942	29.548	29.930	30.273
Shared Surface 1		28.623		29.075	29.527	29.979	30.273
Vertical Alignment	L=36.501 G=22.124						
Horizontal Alignment							
Left Channel			28.878	29.150	29.602	30.054	30.348
Centre Line		28.623		29.075	29.527	29.979	30.273
Right Channel			28.705	29.000	29.452	29.904	30.198
Crossfall	LH=+40.000						
	RH=-40.000						

PRELIMINARY DRAWING:
This drawing is for preliminary purposes only and must not be read as a construction issue.
The design is not fixed and design changes are likely.

PI	28/07/23	Preliminary	JRS	JRS
Rev	Date	Description	By	Check

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All dimensions are in metres unless stated otherwise.
Do not turn on layers that have been turned off.
Do not thaw layers that have been frozen.

Client	Cocksedge Building Contractors
Project	Barrett's Lane, Needham Market Suffolk IP68DL
Title	Section 38 Plan Long Section Sheet 3
Scale @ A1	1:250
Status	Preliminary



Date	Job Number	By	Checked By
April 2022	0304	JRS	JRS
Drawing No.		Revision	
C454		P1	