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- Drawing/construction notes
1. Do not scale from this drawing
  2. The contractor's attention is drawn to the presence of statutory utilities opportunist and private services under and above the roadway and site in the vicinity of the works. All services are to be located, marked and protected/isolated prior to excavation. Permit to work system to be used as necessary.
  3. The contractor is to establish the location and depth of all services within and adjacent to the works in advance of any excavation taking place.
  4. All excavations on the site are to be supported against collapse. There is made ground on the site therefore trenches and exposed faces may not be stable even at shallow depth.
  5. Pipework to be uPVC/linenall plastic/clay/concrete unless noted otherwise with push-fit/sleeved joints.
  6. Pipes to be bedded/surrounded in concrete where trenches are lower than the base of adjacent foundations. Adjacent structures to be supported against movement at all times.
  7. Where less than 1m to soffit under trafficked areas, concrete bedding recommended. Else use 100mm surround of 10/14mm single-size crushed aggregate.
  8. All gully connections to be 100mm dia unless noted otherwise. Topped road gullies to be plastic, clay or concrete 450mm dia, 750mm deep. D400 gratings.
  9. The contractor is to refer to all health and safety information including the design risk assessment, statutory utilities plans and site investigation as part of the preparation for works on site. All questions are to be referred to the principal designer.
- Risk Assessment & mitigation**
1. Live services: locate identify & isolate/divert before commencing work.
  2. Excavations: support steep faces and trenches. Barrier access to edge of excavations.
  3. Slips, trips falls: keep site clear as possible.
  4. Biological, chemical hazard in ground: use of PPE.
  5. Danger from falling materials: define safety zones, permit to work, PPE.
  6. Traffic on site: permit to work, high vis clothing
  7. Danger to 3rd parties: fence site securely

longitudinal section  
 along road centreline  
 horizontal scale 1:500  
 vertical scale 1:100

ROAD1 DATUM 8.000

CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT
0.000	17.047	17.047		
10.000	16.967	16.967		
14.248	16.487	16.487		
20.000	16.656	16.656		
26.759	16.205	16.205		
30.000	16.087	16.087		
38.289	15.687	15.687	G = -4.000%	
40.000	16.016	16.016	I = -25.0	
50.000	15.287	15.861		
57.512	14.887	15.436		
60.000	14.565	14.847		
66.359	14.486	14.271		
68.053	14.039	14.452	L = 15.000	
70.000	13.890	14.521	KF = -15.0	
75.000	13.542	14.019		
80.000	13.042	13.447	G = -5.000%	
83.053	12.542	12.913	I = -20.0	
90.000	12.180	12.542		
100.000	12.051	12.323		
105.712	11.863	11.608		
110.000	11.732	11.693	L = 15.000	
115.129	11.606	11.606	KF = 4.28971	
117.247			L = 15.000	
120.000			G = -15.000%	
125.000			I = -6.7	
130.000				
132.247				
137.983				

Not for Construction on site  
 unless stated below

rev.	date	Description	Drawn/Chk
E	11/05/18	road alignment revised.	TD
D	30/4/18	9m radii added to turning head	TD
C	29/4/18	reduce lorry swept paths overrided	TD
B	19/3/18	12m radii added to entrance	TD
A	2/3/18	include lorry swept paths added	TD
		proposed dwellings added	TD
		design overrided	TD
	1/3/18	Final Issue	TD

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client: Mr J Orange & Mr A Webster  
 project: Woodlea, Bowtry Rd, Blyth  
 drawing title: Proposed access road horizontal and vertical alignment- option 1

scale:	status:
1:500	Preliminary
job number:	drawing number:
tdi:320	100
	revision:
	E