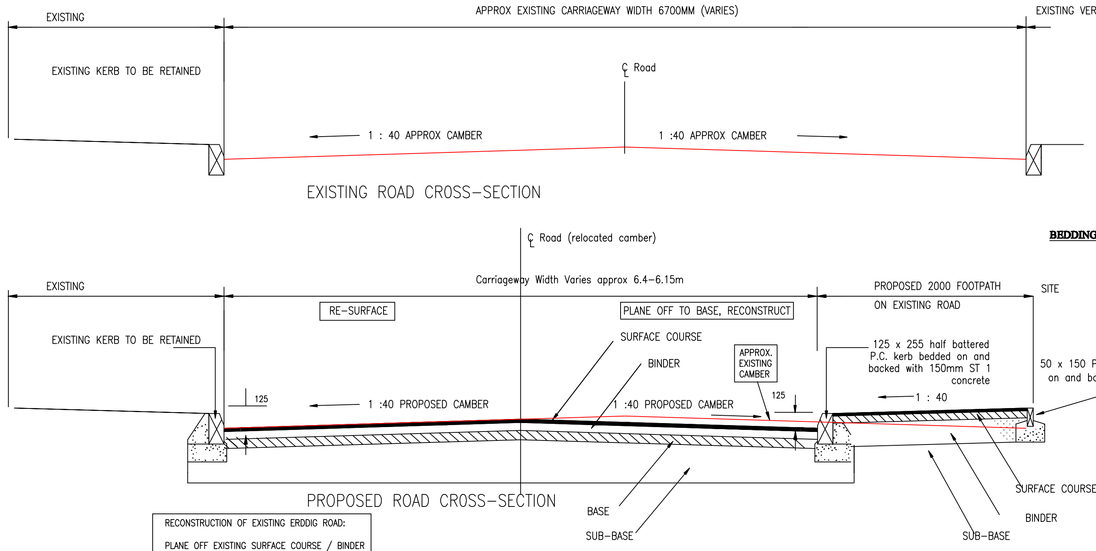
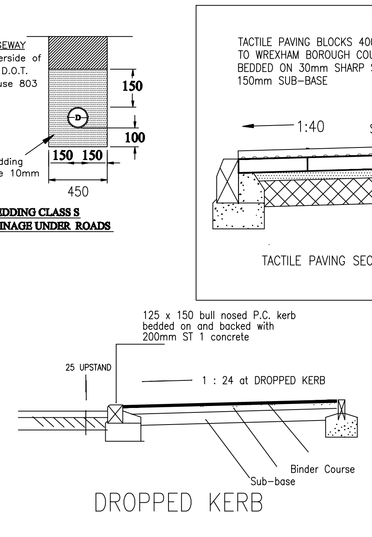
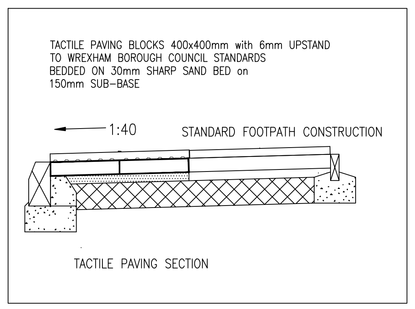


RECONSTRUCTION OF EXISTING ERDDIG ROAD:

PLANE OFF EXISTING SURFACE COURSE / BINDER COURSE AS REQUIRED.
REGULATION COURSE TO AS BINDER.
EXISTING ROAD NARROWED FROM APPROX 6.7m to NEW 5.5m



BEDDING CLASS S
BEDDING DETAIL FOR DRAINAGE UNDER ROADS

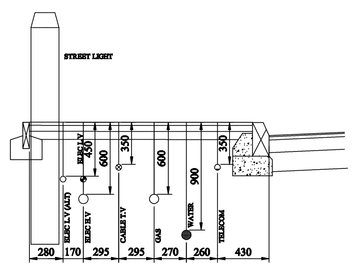


ROAD CONSTRUCTION DETAILS

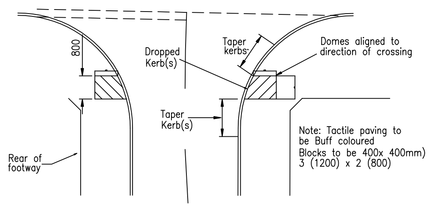
	MATERIAL	B.S. EN 13108 Section REF.	NOMINAL AGGREGATE SIZE	THICKNESS OF LAYER (mm)	
					PSV
SURFACE COURSE	HOT ROLLED ASPHALT	SECTION 4	14mm	45mm	60
BINDER COURSE	ASPHALT CONCRETE BINDER 100/150	SECTION 1	20mm	60mm	

FOOTPATH CONSTRUCTION DETAILS: 1.8m WIDTH

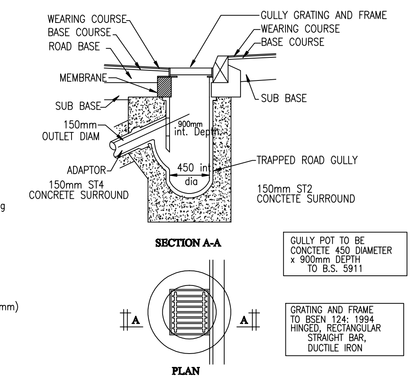
LAYER	MATERIAL	B.S. EN 13108 Section REF.	NOMINAL AGGREGATE SIZE	THICKNESS OF LAYER (mm)	
				FOOTPATH	VEHICLE CROSS OVERS (site entrance)
SURFACE COURSE	ASPHALT CONCRETE BINDER 160/220	SECTION 1	6mm	20mm	20mm
BINDER COURSE	ASPHALT CONCRETE BINDER 160/220	SECTION 1	20mm	40mm	60mm
SUB-BASE	Granular Type 1	D.O.T. Clause 803	-	100mm	150mm
TOTAL THICKNESS (mm)				160mm	230mm



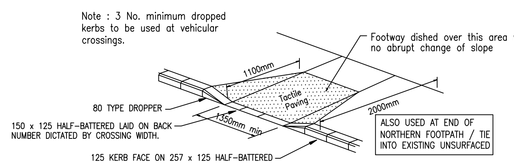
EXISTING SERVICE POSITIONS
(IDEAL SITUATION TO BE CONFIRMED ON SITE)



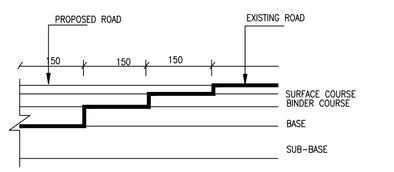
UNCONTROLLED IN-LINE CROSSING
(TACTILE PAVING)



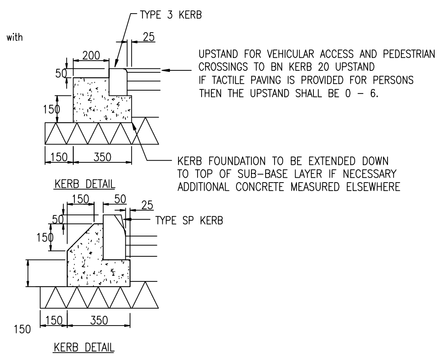
TRAPPED GULLY DETAIL
ONLY REQUIRED IF EXISTING GULLY CANNOT BE RE-USED



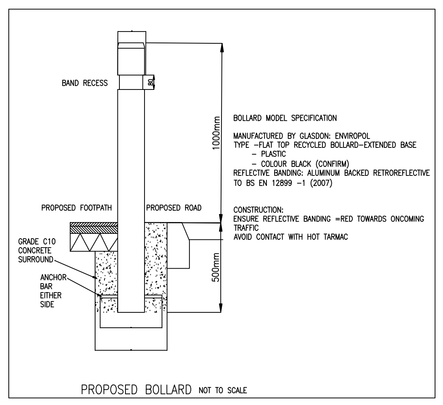
DETAIL OF DROPPED CROSSING



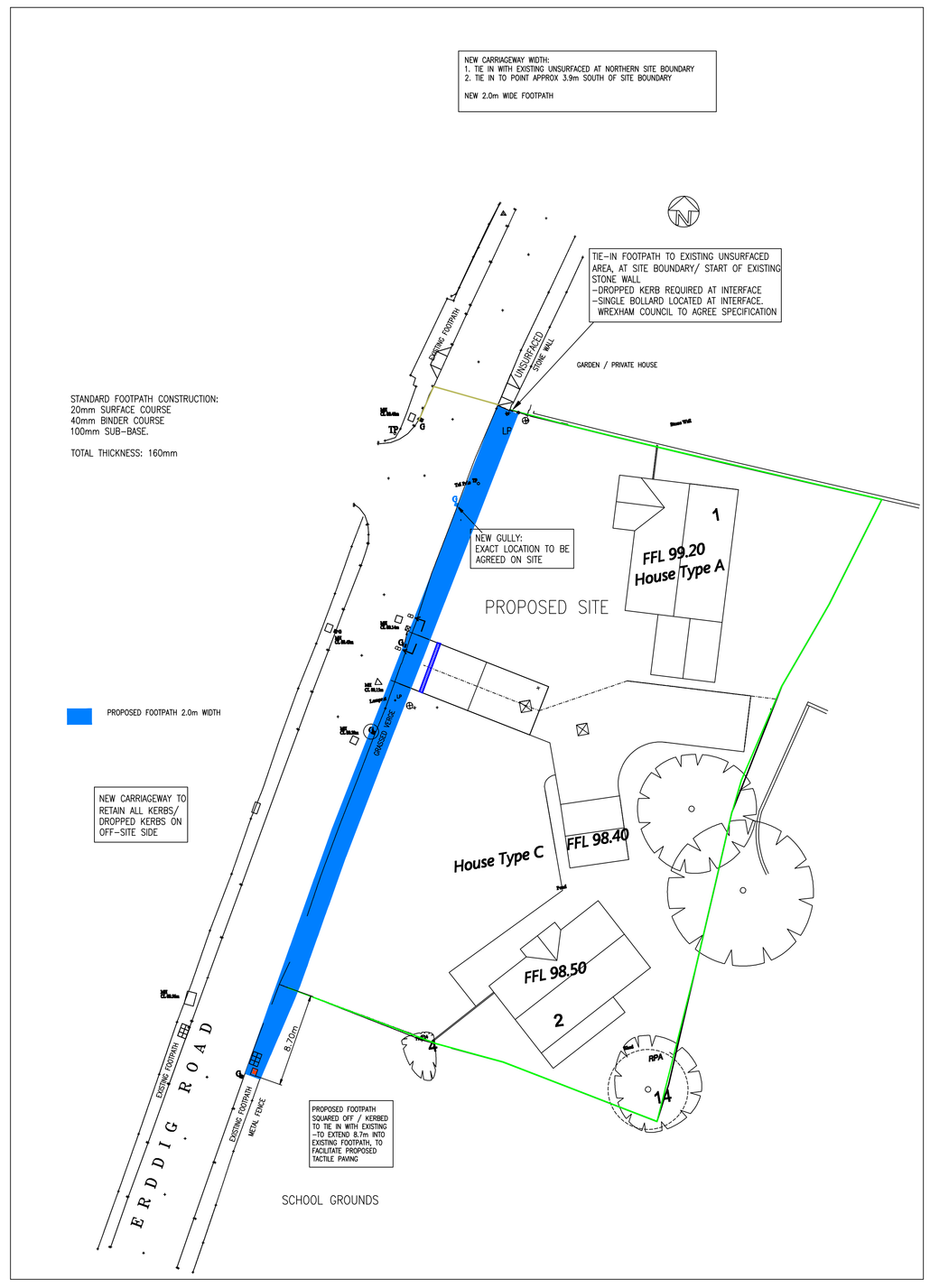
CONSTRUCTION TIE-IN TO EXISTING



1. KERBS TO BE MANUFACTURED TO STANDARDS OF BS7263 PART 1.
2. KERBS TO BE LAID ON 10mm DESIGNATION (ii) MORTAR ON PREPARED FOUNDATION. ALTERNATIVELY LAY KERBS ON WELL COMPACTED BED OF SEMIDRY CONCRETE, MAX 35 SLUMP, ALL IN ACCORDANCE WITH BS7263 PART 2.



PROPOSED BOLLARD NOT TO SCALE



scale 1:250

NOTES

1. All earthworks and road works shall comply with the requirements of the National Assembly for Wales Specification for Highway Works (SHW) including amendments, unless stated otherwise. Information below and elsewhere on this drawing are intended to comply with the latest specification. Should there be any discrepancies please contact Kane Design.
2. All unreinforced concrete bedding and backing to kerbs and edgings shall be low slump designated mix GEN 0 or standard mix ST1 in accordance with BS 5328 : 1991
3. Precast concrete kerbs and edgings shall comply with BS 7263
4. Workmanship for concrete works shall comply with BS 8000 : Section 2 : 1990
5. Hot Rolled Asphalt surface course shall be to Clause 911 SHW, and to BS13108 Section 4: with 50% pen binder and minimum target binder content of 7.3%. At target binder content the minimum stability shall be 5500 N, the maximum flow 4mm and the minimum Marshall Quotient 1.4 N/mm . Coated chippings to clause 915 SHW, shall be 20mm nominal size and applied to give 1.5mm average texture depths when measured to clause 921 SHW and a 60% shoulder to shoulder cover at roundabouts. Minimum Polished stone value of chippings shall be 60mm.
6. The use of crushed limestone rock shall not be permitted in any wearing course layer
7. The rear edges of all footways must present smooth flowing alignments and should not undulate to accommodate private drives
8. Sub-grade improvement (capping) layer material to be Class 6F2 to DOT Specification Clause 6/3 NOT REQUIRED
9. The total carriageway thickness shall be a minimum of 450mm on frost susceptible sub grades.
10. Service strips to be grass seeded using Mix A as defined by National Assembly for Wales Specification
11. Sub -base thickness to be finalised at the time of construction after CBR testing of the road sub-base NOT REQUIRED

Rev	Description	Date	Drwn	Chkd
E	EXISTING NORTHERN TREE REMOVED	13:12:17	AK	AK
D	TREE AND NO-DIG REMOVED	30:11:17	AK	AK
C	DRAWING 02 / 03 COMBINED	13:04:17	AK	AK
B	NO-DIG SPECIFICATION, TACTILE DETAIL, ADDED	30:03:17	AK	AK
A	HIGHWAY COMMENTS AND BOLLARD ADDED	24:01:17	AK	AK

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Tel: 01 978 855888

Client
DAVE COTTLE LTD

Project
PROPOSED DEVELOPMENT at LAND off ERDDIG ROAD, WREXHAM

Title
CONSTRUCTION DETAILS SECTION 38/278 WORKS and NO-DIG DETAILS

DRAWING NUMBER
1354-02

SCALE	AS SHOWN	@ A0	
DATE	07.12.16	REVISION	E
DRAWN	AK		
CHECKED	AK		