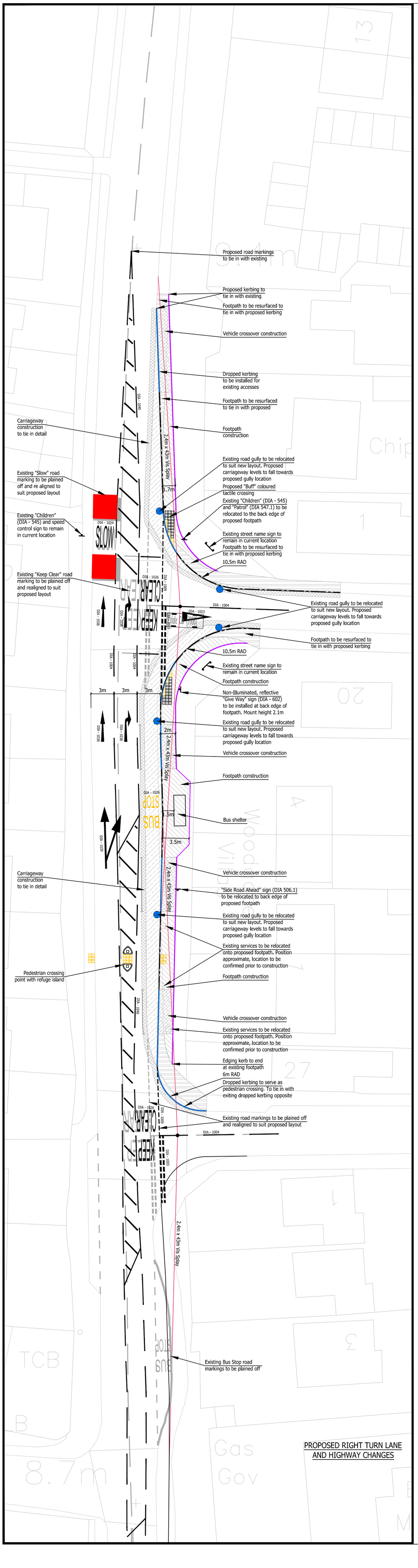
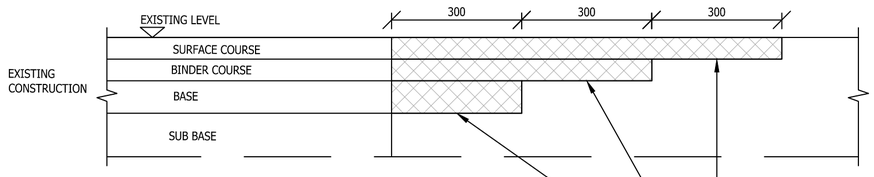
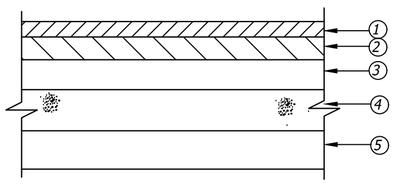


PROPOSED RIGHT TURN LANE AND HIGHWAY CHANGES





BITUMINOUS CARRIAGEWAY CONSTRUCTION

1. 30mm thick Close graded asphalt concrete surface course, 10mm aggregate, 100/150. In accordance with BS EN 13108-4:2006.
2. 50mm thick Binder course, Dense Asphalt Concrete, AC20 dense bin 40/60 to BSEN13108-1.
3. 100mm thick Base, Dense Asphalt Concrete, AC32 Dense Base 40/60 to BSEN13108-1.
4. 150mm Sub-base D.O.T. Type 1 material to clause 803
5. Capping as per table below

*NOTE:
CBR tests to be taken on site. Formation to be inspected by highway engineer. Any soft spots to be excavated and replaced with 6F2 crushed concrete capping, as per table below.

Subgrade CBR	Capping layer thickness
Greater than 5%	100mm Type 1
2.5% - 5%	350mm Type 6F1/6F2
2% - 2.5%	600mm Type 6F1/6F2
Less than 2%	Refer to HD25/94 or IAN 73/06

GENERAL NOTES

1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations , record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. any discrepancies shall be notified to gta prior to works commencing.

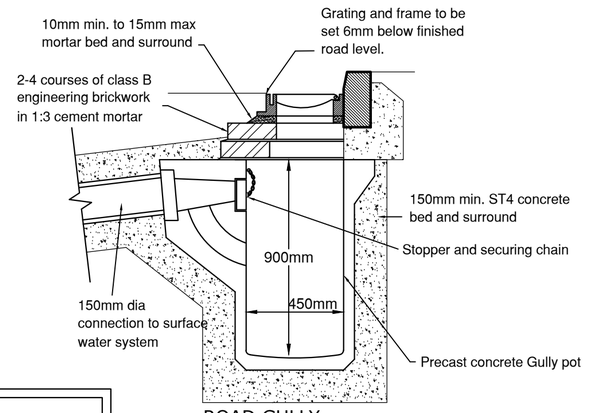
2. Tender or billing drawings shall not be used for construction or the ordering of materials.

3. Do not scale. All dimensions and levels to be site confirmed.

4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements

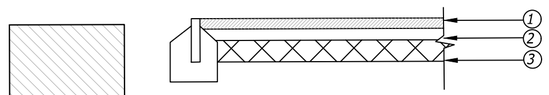
5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.

6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk. gta hold no responsibility for resulting abortive works or costs.



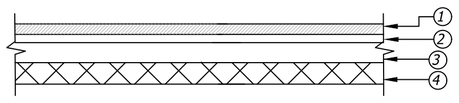
ROAD GULLY SECTION

NOTE:
ALL CONSTRUCTION DETAILS ARE TO COMPLY WITH WSCC STANDARDS



FOOTWAY CONSTRUCTION

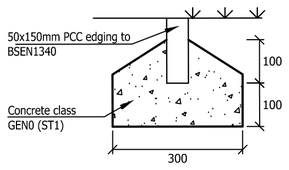
1. **25mm thick HRA 15/10 F surf 40/60 Surface course to BSEN13108-1.
2. 45mm thick AC20 dense bin 100/150 Binder course to BSEN13108-1.
3. 100mm thick Sub-Base D.O.T. Type 1 material to Clause 803



CROSSOVER CONSTRUCTION

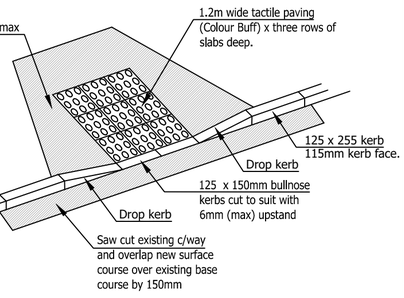
1. 30mm Surface course, Dense Asphalt Concrete to BSEN13108-1. 100-150 Pen. PSV 55. AAV 14.
2. 70mm Binder course, Dense Asphalt concrete to BSEN13108-1. 40-60 Pen
3. 100mm Base, AC32 Dense Base Asphalt to BSEN13108-1. 40-60 Pen
4. Sub-base/ capping as per table below

Subgrade CBR	Capping thickness(with 150mm sub-base)(mm)	Sub-base only thickness(mm)
Less than 2%	600 (+150 sub-base)	N/A
2% to 5%	400 (+150 sub-base)	350
Greater than 5%	N/A	250

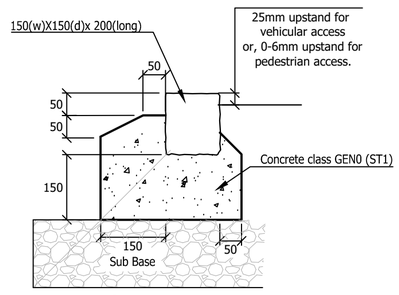


PCC EDGING KERB

As denoted by

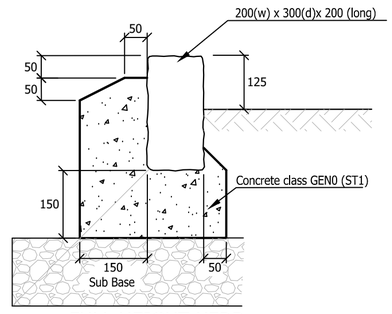


TACTILE PAVING LAYOUT FOR IN-LINE CROSSING NTS



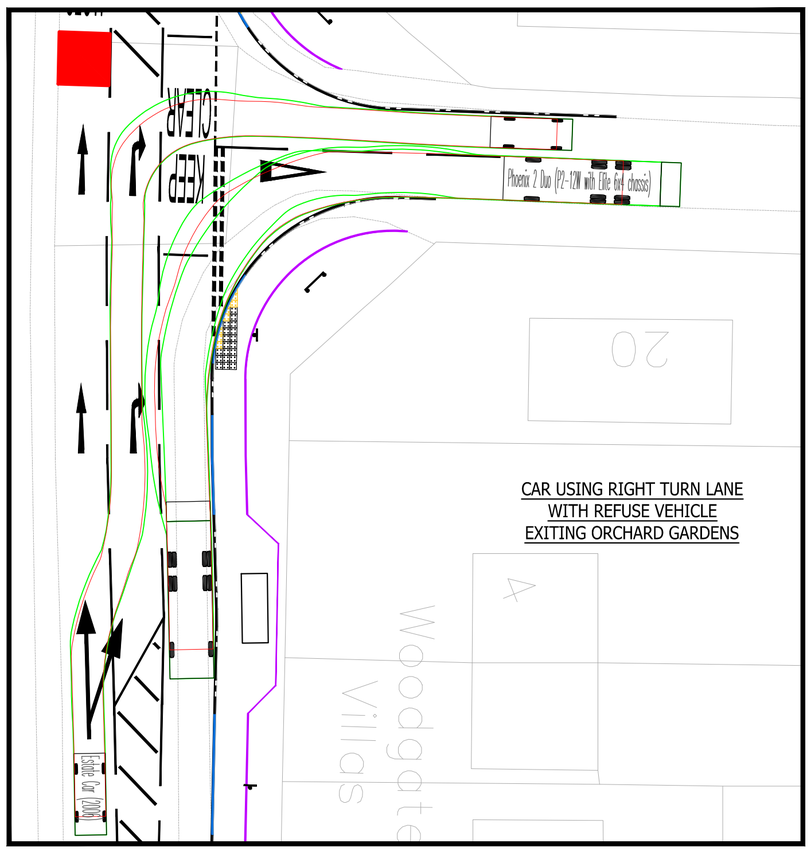
DROPPED KERB GRANITE SETT

As denoted by

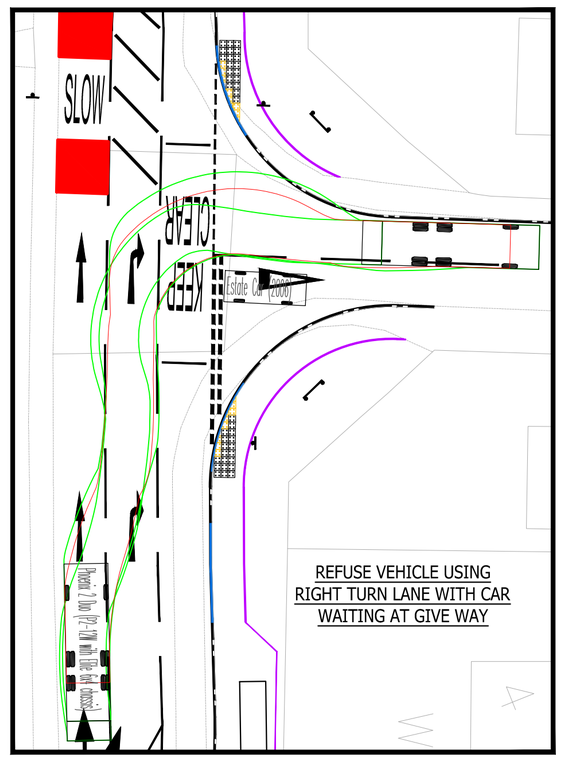


FULL HEIGHT KERB GRANITE SETT

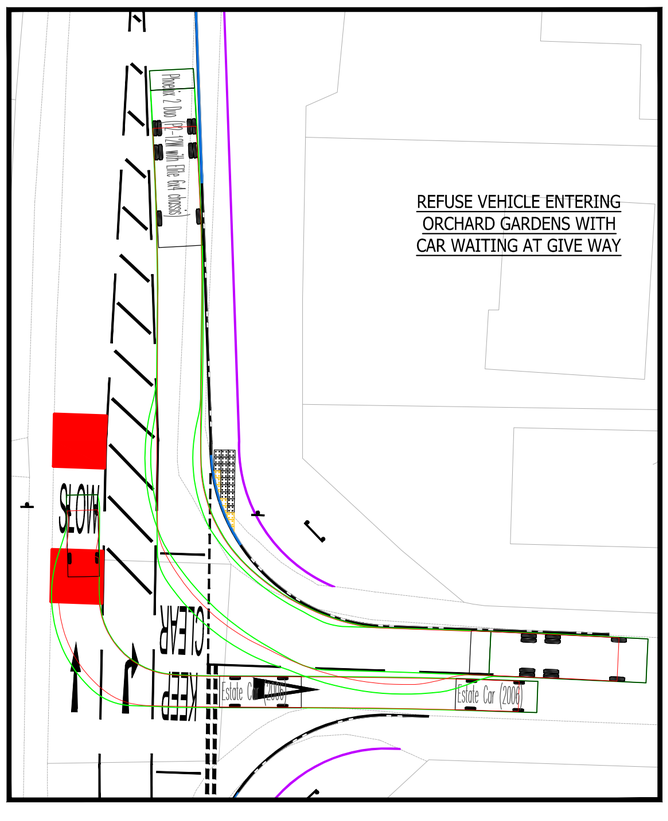
As denoted by



CAR USING RIGHT TURN LANE WITH REFUSE VEHICLE EXITING ORCHARD GARDENS

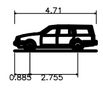


REFUSE VEHICLE USING RIGHT TURN LANE WITH CAR WAITING AT GIVE WAY



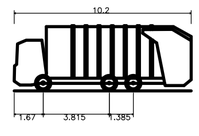
REFUSE VEHICLE ENTERING ORCHARD GARDENS WITH CAR WAITING AT GIVE WAY

NOTE:
DRAWING IS SUBJECT TO APPROVAL FROM WSCC AND MAY CHANGE



Estate Car (2006)

Overall Length	4.710m
Overall Width	1.804m
Overall Body Height	1.442m
Min Body Ground Clearance	0.207m
Max Track Width	1.756m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	5.950m



Phoenix 2 Duo (P2-12W with Elite 6x4 chassis)

Overall Length	10.200m
Overall Width	2.530m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	4.00s
Kerb to Kerb Turning Radius	7.800m

Rev	Amendments	Date	Dsn	Chk
B	Updated to WSCC comments	20/12/16	JMW	LS
A	Updated to WSCC comments	13/12/16	JMW	LS
-	Initial Issue	11/08/15	LT	LS

Status: PRELIMINARY

Client: ANDREW LOOSLEY

Architect:

Project: LAND EAST OF ORCHARD GARDENS

Title: PROPOSED RIGHT TURN LANE AND VEHICLE TRACKING

Date: AUGUST 2015	Scale @ A1: 1:250
Base Layout Ref.	CAD File ref.
Clients Ref.	Project Ref.: 5919

gta civils ltd
CONSULTING ENGINEERS
gloucester house, 66a church walk,
burgess Hill, west sussex, rh15 9as
tel.01444 871444 fax.01444 871401 web: www.gtacivils.co.uk

Drawing Number: 5919/100

Rev.: B

ARUN DISTRICT COUNCIL AU/111/16/OUT