

Basildon Local Highway Panel Meeting Agenda

9th October 2014

10:30 AM

Committee Room 4, County Hall

Chair Cllr Keith Bobbin

Panel Members Cllr Kay Twitchen, Cllr Tony Hedley, Cllr Malcolm Buckley, Cllr Kerry Smith, Cllr William Archibald, Cllr Mark Ellis, Cllr Melissa McGeorge, Cllr Nigel Le Gresley

Other Attendees Rob Macdonald- Highway Liaison Officer, Will Price – Highway Liaison Officer, Anthony Buston Senior Transport Strategy and Engagement Officer, Beverley Gould – Principal Transport Strategy and Engagement Officer, Peter Wright - Design and Consultancy Manager Essex Highways

Time		Item	Lead:	Papers:
	1	Welcome and Introductions	Chair	Verbal
	2.	Declarations of Interest	Chair	Verbal
	3.	Minutes of meeting held on 30 th September 2014 to be agreed as correct record	Chair	Attached
	4.	Basildon District Approved Scheme List	Chair	Attached
	5.	High Road North – Scheme Update	WP	Attached
	6.	Highways Improvements Programme - Schemes for Consideration 2014-15	WP	Attached
	7.	Highway Improvements Programme - Arrangements for 2015-16 Programme and Potential Schemes for Reference		
	8.	A.O.B.	Chair	Verbal
	9.	Date of next meetings	Chair	Verbal

Basildon District Approved Scheme List

Key:	Completed schemes
	Cancelled schemes
	For Discussion

Design Reference Number	Task Name	Finish	CMA approved	Cost Code	Works Description	Allocated Budget
2012/13 Budget						
DC1218	B1464 Timberlog Lane_ Barstable	Wed 07/08/13	17/07/2012	LBAS001001	Casualty reduction measures	£33,000.00
DC1277	Market Road _ Market Avenue_ Wickford	Tue 04/02/14	14/08/2012	LBAS002001	Traffic calming	£25,000.00
DC1278	Tye Common Road_ Billericay	Mon 15/04/13	14/08/2012	LBAS002003	VAS sign installation	£12,000.00
DC1279	Fourth Avenue_ Shotgate	Thu 08/08/13	14/08/2012	LBAS002004	Signage works (inc. design)	£300.00
DC1280	Castledon Road_ Wickford	Thu 08/08/13	14/08/2012	LBAS002005	Signage works (inc. design)	£500.00
DC1281	Brightside School_ Upland Road_ Billericay	Thu 08/08/13	14/08/2012	LBAS003001	Signing and Lining works (inc. design)	£3,000.00
DC1230	B1007 Noak Hill Rd jw Wash Rd West_ Noak Hill	Wed 07/08/13	14/08/2012	LBAS001002	Casualty reduction measures	£20,000.00
DC1607	Valence Way Footway	Fri 07/11/14	14/01/2013	LBAS003004	Footway (new)	£115,000.00
DC1608	A176 Basildon to Billericay Cycleroute	On Hold	14/01/2013	LBAS004001	Cycleway improvements	£255,000.00
DC1609	Church Road _Holy Cross Church to Tractor Plant	Fri 28/03/14	14/01/2013	LBAS004005	Cycleway improvements	£30,000.00
IT005	ITS0030 Ballards Walk, St Nicholas Lane junction	Fri 25/10/13	14/01/2013	LBAS001004	Potential investigation / improvement to signal operation.	£5,000.00
IT684	ITS0029 A127_A132 Nevendon Interchange	Mon 14/04/14	14/01/2013	LBAS007001	Development of new SCOOT strategies	£5,000.00
DC1616	Staneway _ Mandeville Way (design only)	n/a	14/01/2013	LBAS002008	Feasibility	£10,000.00
	Durham Road_ Laindon	Fri 28/03/14	14/01/2013	LBAS005003	Bus stop improvements	£10,000.00
ITS0046	ITS0046 A130 Northbound VMS	To be discussed	12/02/2013	LBAS002012	Installation of Variable Message Sign	£95,000.00
IT688	ITS0031 A127 Between A128 and B148 VMS	Tue 20/01/15	14/01/2013	LBAS002014	Design, supply and installation of Variable Message sign.	£95,000.00
	Bramble Tye, Noak Bridge	Tue 18/03/14	14/01/2013	LBAS005002	Bus stop improvements	£10,000.00
DC1605	Vicinity of Brightside Sch	Fri 04/04/14	14/01/2013	LBAS003003	Footway (new)	£60,000.00
DC1610	Wickford Infant and Junior Schools	Sun 09/03/14	14/01/2013	LBAS006001	School route improvements	£4,700.00
DC1612	Cherry Tree Primary	Fri 28/02/14	14/01/2013	LBAS006005	School route improvements	£2,950.00
DC1613	South Green Infant AND Junior Schools	Tue 06/01/15	14/01/2013	LBAS006006	School route improvements	£3,540.00
DC1614	Brightside Primary	Wed 22/01/14	14/01/2013	LBAS006007	School route improvements	£1,180.00

DC1673	Quilters Inf and Juniors	Fri 24/01/14	14/01/2013	LBAS006004	Signage works (inc. design)	£1,000.00
DC1674	Ghyllgrove Inf and Juniors	To be discussed	14/01/2013	LBAS006008	School route improvements	£2,360.00
DC1676	Bus Stop 1500PITS6 St Margarets School	Thu 05/02/15	14/01/2013	LBAS006010	Bus stop improvements	£2,750.00
	Alicia Avenue_ Shotgate	Thu 31/10/13	14/01/2013	LBAS005001	Bus stop improvements	£3,800.00
DC1611	Sunnymede Infant AND Junior Schools	Sat 29/03/14	14/01/2013	LBAS006002	School route improvements	£2,950.00
	MoteHill	n/a	14/01/2013	LBAS****	New walls on estate	£20,000.00
DC1677	Clay Hill Road	Fri 03/10/14	01/03/2013	LBAS002011	Traffic calming	£30,000.00
DC1606	Bridge Street_ Noak Bridge	n/a	01/03/2013	LBAS002007	Priority working and raised table.	£70,000.00
DC1624	Western Road Billericay	Tue 31/12/13	01/03/2013	LBAS002010	VAS sign installation	£13,000.00
DC1752	A176 Noak Hill Rd j_w Wash Rd West_ Noak Hill	Thu 08/08/13	02/03/2013	LBAS001005	Trial holes	£1,000.00
	Perry St Br 1	19/12/2013	04/03/2013	LBAS003006	Harden missing links in bridleway with granite so suitable for horses	£10,000.00
DC1675	1500PITS5 St Margarets School	Wed 04/03/15	04/03/2013	LBAS006009	Transport - School crossing patrols	£750.00
2013/14 Approved						
DC	Hornsby Way	Fri 25/07/14	21/05/2013	LBAS002015	Raised tables to stop drag racing	£40,000.00
DC1819	Athelstan Gardens, Wickford	Fri 13/06/14	27/03/2013	LBAS131018	Waiting restrictions	£13,300.00
DC1820	Valence way, Laindon	Thu 05/03/15	27/03/2013	LBAS131019	Waiting restrictions	£8,700.00
DC1830	Vange Primary School _ Extend TRO	Mon 04/05/15	23/07/2013	LBAS131013	Extend existing TRO	£2,000.00
	King Court, King Edward Road _ Laindon	n/a	23/07/2013	LBAS003002	Install zebra crossing to allow resident to access shops	£40,000.00
	A132 Eastmaye SOutmayne jw A1321 Broadmayne and Ashlyns CR Scheme feasibility and design	Jan-14	23/07/2013	LBAS003003	Feasibility and Design	£1,000.00
DC1829	Billericay Station, Paint Bay	Tue 03/03/15	23/07/2013	LBAS131004	Paint bus bay lines	£2,000.00
DC1589	B1007 Staneway jw High Road Langdon Hills CR Scheme Feasibility and design	Tue 06/08/13	23/07/2013	LBAS001006	Casualty reduction measures	£2,000.00
DC1934	B1007 Staneway jw High Road Langdon Hills CR Scheme	Fri 07/11/14	30/09/2013	LBAS001006	Casualty reduction measures	£52,500.00
	Noak Hill Road j/w Wash Road	Thu 30/10/14	30/09/2013	LBAS001002	Revised design to replace experimental TRO for no right turn	£3,500.00
	Dunton Roundabout	Tue 30/09/14	30/09/2013	LBAS131007	Casualty reduction scheme	£15,200.00

	Eastmayne	Mon 26/01/15	30/09/2013	LBAS131008	Casualty reduction scheme	£20,500.00
	Uppermayne j/w St Nicholas Lane	Mon 26/01/15	30/09/2013	LBAS131009	Casualty reduction scheme	£21,500.00
2014/15 Approved						
	Basildon Hospital, Nethermayne	to be programmed	24/02/2014	LBAS142013	New signals and CCTV - pre approved prior to new years budget	£70,000.00
	Laindon Road, Billericay	28/11/2014	24/02/2014	LBAS132030	Reposition existing school sign with school plate and install children going to School sign with school plate - pre approved prior to new years budget	£2,000.00
	London Road, Billericay	to be programmed	24/02/2014	LBAS142001	Installation of tall poles to the London Road crossing - pre approved prior to new years budget	£50,000.00
	Stonechat Road, Greens Farm Lane, Billericay	to be programmed	24/02/2014	LBAS145001	Raised kerbs - - pre approved prior to new years budget	£4,850.00
	Burnt Mills Rd	to be programmed	24/02/2014	LBAS145002	Hard standing, kerbs and infrastructure - - pre approved prior to new years budget	£4,850.00
	Ashlyns J/w Mill Green Road, Pitsea	Mon 09/11/15	28/05/2014	LBAS141002	Preliminary design and investigation costs estimate	£3,000.00
	Janet Duke School, Basildon	Thu 07/05/15	28/05/2014	LBAS142034	Implementation costs for crossing	£150,000.00
	Salcott Crescent	Thu 23/07/15	28/05/2014	LBAS142002	Install staggered barriers either side of Salcott Crescent	£10,000.00
	Church St j/w Noak Hill Rd	Fri 22/05/15	28/05/2014	LBAS142025	1) Install 1 30mph/50mph sign and post. 2) Add 1 50mph sign to back of existing 30mph signage 3) Install 1 No. Gateway (as per South Green Gateway signage and posts at Parish boundary	£5,000.00
	A13	Wed 21/01/15	28/05/2014	LBAS142016	Investigate and review Layby	£5,000.00

	The Paddocks, Pound Lane	Thu 21/08/14	28/05/2014	LBAS142028	Signage - already designed	£475.00
	Basildon - TBC	to be programmed	28/05/2014	LBAS142030	Funding towards cycling schemes once review is complete	£100,000.00
	Great Burstead and South Green, Little Burstead, Ramsden Bellhouse, Ramsden Crays, South Hanningfield	to be programmed	28/05/2014	LBAS145003	Phase 1 - Poles, flags, timetable frames, removing old infrastructure, installing new infrastructure, inserting TT graphics	£31,373.00
	Billericay	to be programmed	28/05/2014	LBAS145004	Phase 2 - Poles, flags, timetable frames, removing old infrastructure, installing new infrastructure, inserting TT graphics	£54,790.00
	Basildon inc Wickford	to be programmed	28/05/2014	LBAS145005	Phase 3 - Poles, flags, timetable frames, removing old infrastructure, installing new infrastructure, inserting TT graphics. Phase 3 not to start until one and two completed. Final confirmation of Phase 3 to be taken back to LHP	£248,196.00
	outside Basildon Schools	Fri 13/03/15	28/05/2014	LBAS142029	Review/ feasibility study into 20 mphs outside schools in Basildon	£15,000.00
	Ashlyns J/w Mill Green Road, Pitsea	Mon 09/11/15	09/07/2014	LBAS141004	Providing a right turn lane to facilitate turning movements from Ashlyns into Mill Green Road and reduce collisions.	£30,000.00
	District Wide	Ongoing	09/07/2014	LBAS141005	Funding for casualty reduction site investigations at forthcoming identified cluster sites.	£16,000.00
	Gaywood, Laindon	Fri 16/01/15	09/07/2014	LBAS142041	Re-positioning the staggered posts to accommodate a wheelchair or mobility vehicle	£5,000.00

	Eastfield Road into Wash Road at Noak Bridge	To be discussed	09/07/2014	LBAS142040	Feasibility design study to improve the junction layout so that it allows obstruction free progress for public service vehicles, and safe refuge for pedestrians.	£7,500.00
	High Road North, Laindon	Thu 06/08/15	09/07/2014	LBAS142021	1) The removal of the existing chicane and the installation of two new humps 2) Improve visibility & rationalisation of the existing hump warning & 7.5ton prohibition signs at either end of the scheme.	£15,000.00
	Eastgate layby (Asda end Southernhay)	Mon 30/03/15	09/07/2014	LBAS142008	Feasibility study to install a clearway along Southernhay therefore reducing illegal parking in the layby and improving traffic flow.	£3,000.00
	A129 Southend Road / Bakers Farm Close, Wickford	To be discussed	09/07/2014	LBAS142036	Convert existing uncontrolled crossing to a zebra crossing. The pv2 score meets the criteria. Existing width of crossing is 2.4m so just falls within the minimum width of a zebra crossing.	£35,000.00
	Hillside Road/Langemore Way junction, Billericay	Fri 16/01/15	09/07/2014	LBAS142038	Investigation/ Study/ Design for utilisation of S106 Funds	£1,000.00
	Bus stop IM198, Eastfield Road, Basildon j/w Wash Road	to be programmed	09/07/2014	LBAS145006	Unofficial temporary bus stop to be formally recognised and marked and redundant stop to be removed.	£7,500.00

	Bus stop : IM968 Sun Corner Billericay	to be programmed	09/07/2014	LBAS145007	Reposition the bus cage to line up with the current bus stop, remove 9 of the departure dotted yellow lines to shorten the cage and lengthen the cage by 9 lines to make the cage 21m again	£1,500.00
	Bus stop IM452, Wickford Railway Station	to be programmed	09/07/2014	LBAS145008	Overcome the issue of buses being issued with parking tickets as follows: Lengthen current bus stop cage by 10 m to the road between Station Court and the day nursery. Mark section next to the station as a Bus stop with the furthest section as Bus Stand	£1,500.00
	The Meads, Basildon	Wed 25/02/15	09/07/2014	LBAS142039	Design and install noise barrier	£77,000.00

Revenue	Dunton Roundabout De	23/07/2013	23/07/2013	LBAS131007	CR scheme- Feasibility and design	£1,000.00
Revenue	Eastmayne CR Scheme	23/07/2013	23/07/2013	LBAS131008	CR scheme- Feasibility and design	£1,000.00
Revenue	Uppermayne CR Scheme	23/07/2013	23/07/2013	LBAS131009	CR scheme- Feasibility and design	£1,000.00
Revenue	Gt Knightleys Tactile Pave	Scheme cancelled	23/07/2013	LBAS131012	Tactile Paving	£1,000.00
Revenue	Church Rd j_w Southend Rd	Fri 30/05/14	23/07/2013	LBAS131015	Feasibility and design of a designated right hand turn	£2,000.00
Revenue	Markhams Chase- Janet Duke School	Thu 08/08/13	23/07/2013	LBAS131011	Guardrail	£1,000.00
Revenue DC1833	Kennel Lane_ Billericay_ HGV Sign	Tue 02/06/15	23/07/2013	LBAS131017	HGV advanced warning signage design	£800.00
Revenue	Markhams Chase- Janet Duke School _TRO ammend	Mon 01/06/15	23/07/2013	LBAS131016	TRO amendment on school keep clear markings and PV2 survey	£5,000.00
Revenue DC216	Basildon District - Waiting Restrictions	23/07/2013	27/03/2013	LBAS002009	Feasibility	£22,000.00

Revenue	A129 Southend Road	11/12/2013	30/09/2013	LBAS132020	PV2 survey to ascertain if location suitable for crossing facility.	£900.00
Revenue	The Paddocks, Pound Lane	30/04/2014	30/09/2013	LBAS132021	Design of black and white directional signage.	£800.00
Revenue	Brightside, Billericay	Tue 30/09/14	30/09/2013	LBAS132022	Design of 20mph zone	£3,000.00
Revenue	High Road North, Laindon	Wed 30/04/14	30/09/2013	LBAS132023	Design and feasibility study	£2,500.00
Revenue	Dry Street, Basildon	Fri 11/04/14	30/09/2013	LBAS132024	Design and feasibility study	£2,500.00
Revenue	Dry Street, Basildon	11/12/2013	30/09/2013	LBAS132025	Speed survey	£250.00
Revenue	Forest Glade, Laindon	11/12/2013	30/09/2013	LBAS132026	speed survey	£250.00
Revenue	Nightingales, Laindon	11/12/2013	30/09/2013	LBAS132027	speed survey	£250.00
Revenue	Highview Avenue, Laindon	11/12/2013	30/09/2013	LBAS132028	speed survey	£250.00
Revenue	Janet Duke School, Basildon	Fri 28/11/14	11/12/2013	LBAS132029	Design for zebra crossing outside school	£5,000.00
Revenue	High Road North, Laindon	Thu 02/01/14	11/12/2013	LBAS132033	Feasibility Study to ascertain what measures could be implemented instead of existing build outs.	£5,000.00
Revenue	Vange Primary school, London Road	04/02/2014	11/12/2013	LBAS132034	Speed survey to ascertain if location meets criteria for a VAS	£210.00
Revenue	Elizabeth Way j/w Southwell Link, Laindon	Tue 11/11/14	11/12/2013	LBAS132026	Installation of bollards to prevent vehicles mounting the footway to access the estate	£1,000.00
Revenue	Lee Chapel Primary School, The Knares	10/02/2014	11/12/2013	LBAS132035	Speed survey to ascertain if location has speeding issue and if so, what measures can be considered	£210.00
Revenue	Cherrytree Primary School, Church Road	04/02/2014	11/12/2013	LBAS132036	Speed survey to ascertain if location has speeding issue and if so, what measures can be considered	£210.00
Revenue	Irvon Hill Rd, Wickford	10/02/2014	11/12/2013	LBAS132037	Speed survey to ascertain if location meets criteria for a 20mph limit	£210.00

Revenue	Billericay Station	Wed 01/04/15	11/12/2013	LBAS132022	Review of existing TROs and waiting areas to have joined up approach to what measures need to be undertaken to enable this area to be enforced by SEPP	£5,000.00
Revenue	Greensted Infant and Junior School, Kirby Road	Tue 30/09/14	11/12/2013	LBAS132023	Design for hardening of grass verge area to make it easier for pupils to walk to school	£1,500.00
Revenue	Greens Farm Lane	17/02/2014	11/12/2013	LBAS132038	Speed survey to ascertain if there is a speeding issue at this location	£210.00
Revenue	Wickford Station	Wed 31/12/14	11/12/2013	LBAS135005	Real time bus shelter to allow passengers to know what time next bus is arriving.	£9,200.00
Revenue	Perry Street	n/a	24/02/2004	LBAS142009	PV2 - - pre approved prior to new years budget	£890.00
Revenue	Mountnessing Road	Mon 30/06/2014	24/02/2004	LBAS142010	Speed survey - - pre approved prior to new years budget	£210.00
Revenue	High Road, Laindon Hills	Mon 30/06/2014	24/02/2004	LBAS142011	Speed survey - - pre approved prior to new years budget	£210.00
Revenue	Devonshire Road, Laingdon	Mon 30/06/2014	24/02/2004	LBAS142012	Speed survey - - pre approved prior to new years budget	£210.00
Revenue	Hill Avenue, Wickford	24/09/2014	28/05/2014	LBAS142004	Speed survey for Vas consideration and 20 mph	£210.00
Revenue	Grange Primary School, Elder Avenue, Wickford	24/09/2014	28/05/2014	LBAS142020	PV2 for consideration of Zebra	£890.00
Revenue	Salcott Crescent	24/09/2014	28/05/2014	LBAS142024	PV2	£890.00
Revenue	Church Road JW Southend Road	n/a	28/05/2014	LBAS142027	Speed survey	£210.00
Revenue	All of Basildon		28/05/2014	LBAS144001	Strategic review of cycling schemes	£13,000.00

High Road North – LBAS 142021

At our meeting of the 30th June 2014 the Basildon Local Highway Panel unanimously approved funding for scheme LBAS 142021 which, following the recommendations of a previous Feasibility Study, sought to replace 2 existing build outs on High Road North with speed humps and to improve weight restriction signage applying to High Road North. These measures were recommended to the Panel as a means of preventing HGV and other vehicle users using the road as a 'rat run' and additionally preventing driver collisions with the build outs and neighbouring property.

All Panel schemes require Cabinet Member sign-off and at the Delivery Board of 9th July these measures were vetoed by Councillor Bass on the basis that he did not support the introduction of further speed humps on what is a priority 2 route.

Since this decision the Design Team and I have worked to consider alternative measures, whilst Councillor Buckley, Councillor Le Gresley and local residents have continued to stress the urgency with which they view improvements. This culminated in a meeting at Councillor Bass surgery on 30th September in which Essex Highways staff worked with a local resident, Councillor Buckley and the Cabinet Members for Highways and Transportation and Maintenance and Small Scheme Delivery, to draw up a new list of proposed measures. This list consisted of the following:

1. Rangers should immediately cut back all vegetation obstructing existing weight restriction, and chicane priority signage.
2. A build out should be designed and then constructed at the junction with the A127 to deter HGV's from using High Road North at the earliest opportunity.
3. Improved and increased signage should be designed and then installed with the aim both of reinforcing the weight restriction on High Road North and instructing HGV drivers to follow the A127 and A176 when travelling to Billericay.

The vegetation cut backs outlined in point 1 have since been arranged and will be completed imminently. Initial designs for measures 2 and 3 will be delivered to the Panel at the meeting of 9th October. Should you have any queries, comments or concerns in advance of the meeting, please do not hesitate to contact me.

Basildon LHP – Proposed Schemes and Top-ups for 2014/15:

Previously Approved Capital Schemes for Top-ups

The below scheme was previously approved by the Panel. Recent consultation with both the school and the school crossing patrol has highlighted more extensive lining and legal/administrative work than initially thought. This modest top up should allow for a legally enforceable extension of the existing school keep clear markings, improving visibility when crossing for children, parents and the school crossing patrol.

	ID	Location	Scheme	Initial Allocation (£)	Top up cost (£)
1	LBAS13101 3	Vange Primary School	Extend existing TRO and Keep Clear Markings	£2,000	£2,000

Revenue Schemes

The commissioning of the following schemes would ensure the availability of revenue funds for surveys of the number listed in the remainder of the financial year:

ID	Location	Scheme	Requested By	Estimated Cost
LBAS142044	District Wide	6 x speed survey		£1,800
LBAS142045	District Wide	2 X PV2 survey		£1,800

Basildon LHP – Potential Schemes for 2015/16

In order to ensure an efficient system of scheme delivery it is important that the Basildon Panel assemble a full programme of works in advance of the new financial year (i.e. by March 2015). With this in mind, Panel Members should continue to send any new requests to will.price@essexhighways.org.

To prevent any future loss of time and/or misinterpretation of local wishes it is important that Members requests are as detailed as possible and, ideally provided on the LHP scheme request form.

Schemes for Consideration:

The below schemes would provide the delivery of measures recommended within recently completed Feasibility Studies and Designs:

ID	Location	Scheme	Problem	Justification / Comments	Requested By	Estimated Cost (£)
LBAS15200 1	Hornsby Way, Basildon	The Panel Commissioned feasibility study provides 3 alternative traffic calming options to overcome reported reckless driving: Option A - Speed Cushions, Option B - Raised Junction Plateaus, Option C - Flat Top Road Humps. Panel to consider all options in detail before deciding which, if any, options to implement	Businesses complaining of reckless drivers congregating and using Hornsby Way to race.	Please see Appendix 1 for Feasibility Study	Basildon LHP	£95,485
LBAS15200 2	Kennel Lane, Billericay	Delivery of design commissioned in 2013/14 to provide advanced signage of weight restriction	HGV's using weight restricted Kennel Lane as a cut through due to questionably located signage	Please see Appendix 2 for diagram	Councillor Twitchen	£10,000
LBAS15200 3	Brightside, Billericay	Delivery of design commissioned in 2013/14 to provide 20mph zone	Concerns about inappropriate speeds in vicinity of school	Please see Appendix 3 for diagram	Councillor Hedley	£12,000
LBAS15200 4	Greenstead Infant and Junior School, Timberlog Lane, Basildon	Delivery of design commissioned in 2013/14 to harden and improve the uneven grass verge	Uneven/unsafe grass verge in vicinity of school and youth centre	Please see Appendix 4 for design	Basildon LHP	£4,025

In addition, the following scheme requests have been received, but require further information from Panel Members and/or are awaiting an initial site visit by our validating engineer. Therefore the scope, viability and costs of the scheme are not yet defined:

Location	Description
High Road, Langdon Hills	Request for new safety barrier at bus stop close to junction with Shelsley Drive
London Road (A129) subway under Golden Jubilee Way, Wickford	Request for mirrors at subway entrance to improve pedestrian safety
Bridge Road, Noak Bridge	Possible 20mph scheme*
High Road/London Road into Pitsea Town Centre	Request for pedestrian safety improvements*

* Further information required to progress

Basildon Local Highway Panel Appendices

Appendix 1 – Hornsby Way – Traffic Calming Feasibility Study

Recommendations:

Option A – Speed Cushions – £95,485

Option B – Raised Junction Plateaus - £95,485

Option C – Flat Top Road Humps - £95,485

FEASIBILITY REPORT – DC1882

DC1882 Hornsby Way, Basildon

1.0 Brief

Essex Highways have been asked by the Local Highways Panel to investigate the possibility of implementing physical traffic calming measures in Hornsby Way, Basildon to address speeding issues.

The request comes following concerns raised by a number of local businesses who claim that reckless drivers are congregating at Southfields Industrial Estate late at night and weekends and treating the area as a racetrack.

The area has been subject to speeding issues for a number of years and is known to racers locally as the 'Laindon strip'. Police enforcement has increased in recent years, in an attempt to drive away racers. However, the problem remains.

The purpose of this report is to outline suitable measures, inclusive of estimated costs, for the panel's consideration.

2.0 Site Location

The site under investigation is Hornsby Way, Basildon, located in a heavily used industrial estate.

The road is a single carriageway industrial road subject to the national speed limit of 30mph by virtue of street lighting, which runs from Seax Way to where it becomes a no through road at its southern most end.

Hornsby Way is located in a heavily used industrial estate and as such is subject to high volumes of traffic, including HGVs, throughout the day.

There are a number of adjoining roads and accesses to businesses along Hornsby Way which again are suspected to serve a high number of vehicles at all times.

FEASIBILITY REPORT – DC1882



Ariel view

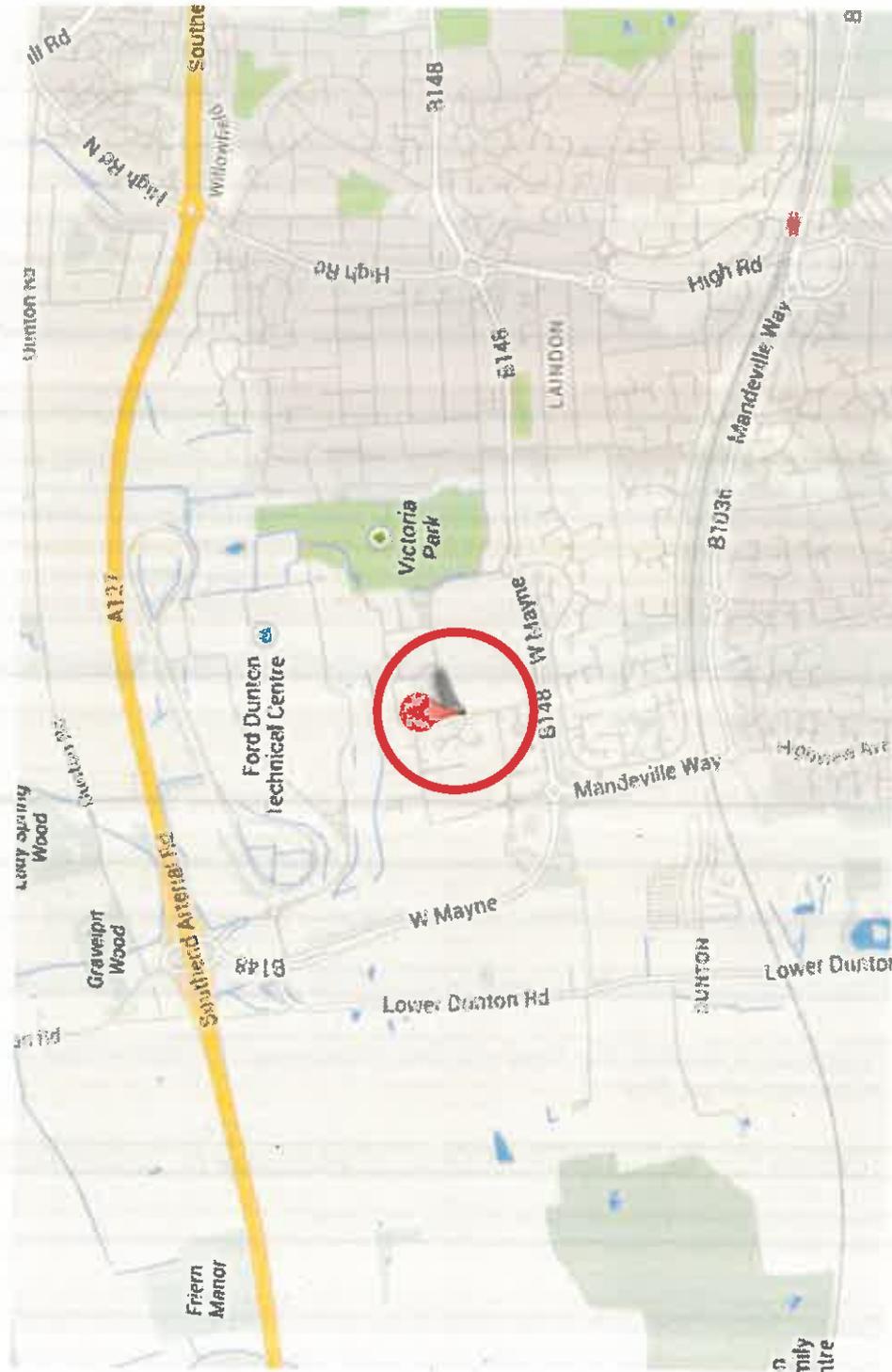


Southern approach

Northern approach

FEASIBILITY REPORT – DC1882

Location Plan



FEASIBILITY REPORT – DC1882

<p>5.0</p>	<p><u>Personal Injury Collision</u></p> <p>A study of the Personal Injury Collision (PIC) data for the period from 31/03/2009 to 31/03/2014 revealed no real pattern of road traffic accidents at this location.</p> <p>The data shows there has been 1 'slight' PIC at this location, involving 2 vehicles and resulting in 1 casualty.</p> <p>The accident occurred approximately 25 metres south of its junction with Hornsby Square.</p>
<p>6.0</p>	<p><u>Speed and traffic flow data</u></p> <p>A 7-day automatic traffic count on Hornsby Way, Southfields Ind Est, Basildon, commencing Tue 22 Apr 2014, recorded 6,186 vehicles travelling southbound and 6,357 northbound vehicles, with weekday daytime 85%iles of 26.3mph and 27.4mph respectively. The posted speed limit of 30mph was exceeded by 12.6% of southbound vehicles and 13.3% of northbound vehicles. The seasonally adjusted, combined annual average daily traffic (AADT) value is 1,852 vehicles.</p> <p>Refer to appendix C for further details.</p>
<p>7.0</p>	<p><u>Site Observations</u></p> <p><u>Street furniture</u></p> <ul style="list-style-type: none">• None present. <p><u>Pavements/Drainage</u></p> <ul style="list-style-type: none">• The carriageway is constructed of reinforced concrete bays. All bays and joints appear to be of sound condition with some minor cracking evident. Scarring from utility works is apparent towards the southern end. However, reinstatements look to be of a reasonable standard.• Footway provided on western side of carriageway only. Surface course and kerbs all appear to be in good condition, again with some minor scarring from utility works. No vehicle overrun from larger vehicles observed.• Remaining drainage is in good working order with no reported historical problems of flooding identified. A missing gully grate near its junction with Fenton Way was identified at the time of the site visit. The Essex Highways maintenance team are aware and a defect has been logged.

FEASIBILITY REPORT – DC1882

Lining

- It was observed that all existing lining is heavily worn and would fall below the < 70% of marking remaining visual assessment criteria as prescribed in Volume 8 section - TD 26/07 of the DMRB.

Signage

- Existing signage is minimal. New signage to be included as part of the proposed road layout changes.

8.0 Economic Analysis

The estimates for the proposed works are based on the 2013/14 Essex Highways estimating tool. It should be noted that these estimates are only for guidance and may change following the target costing process.

Option 1

- Civils – £87,485.35
- Design & supervision – £5000
- Stage 2, 3 & 4 Safety Audits - £3000

Option 2

- Civils – £87,485.35
- Design & supervision – £5000
- Stage 2, 3 & 4 Safety Audits - £3000

Option 3

- Civils – £87,485.35
- Design & supervision – £5000
- Stage 2, 3 & 4 Safety Audits - £3000

FEASIBILITY REPORT – DC1882

9.0 **Options**

Having carefully considered the panels aspirations and options available, three initial designs have been prepared. Refer to appendix A for Initial Designs;-

- DC1-1882-00-001
- DC1-1882-00-002
- DC1-1882-00-003

DC1-1882-00-001

Option A offers the simplest and most effective form of traffic calming for smaller vehicles, speed cushions. Unlike humps and raised tables they are more suitable for built up areas likely to be trafficked by larger vehicles.

Whilst they might not slow speeds to the same extent as humps and raised tables they do allow the opportunity for wider vehicles to straddle them, thus giving a smoother ride. This will need to be borne in mind given the high number of larger wheel based vehicles expected at this location

Opting for speed cushions would also negate the need for additional drainage as carriageway channels would remain clear.

DC1-1882-00-002

Option B shows raised plateaus at the junctions of Fenton Way and Bramston Way. Raised junctions are similar to speed tables but cover an entire junction, with ramps on all approaches. They are usually flush with the footway providing a safer crossing point for pedestrians. They also calm two streets at once, without the loss of valuable on-street parking.

Raised junction plateaus however, are not always welcomed as such measures may cause uncomfortable turning movements as a result of not being able to negotiate the ramps straight on (a particular problem for larger vehicles).

This form of traffic calming would require additional drainage to be factored into any detailed design, which could prove costly.

DC1-1882-00-003

Option C includes a more common form of traffic calming, flat top humps, located at 3 sites along Hornsby Way. Similar to road humps they are longer with a flattened top, which can sometimes be used to give pedestrians a level crossing between footways.

It should be noted that flat top humps are particularly effective when slowing down larger

FEASIBILITY REPORT – DC1882

wheel based vehicles, which in this case could prove problematic given the areas main function and expected high number of larger vehicles.

As with the raised junction option, drainage will need to be considered as part of the detailed design.

NOTE:- In accordance with the Local Transport Note 1/07 for Traffic Calming, the Local Highway Authority should satisfy itself that the lighting is to the standard required for the introduction of any new traffic calming features.

Road Safety Audit

As with all highway improvement schemes, the three proposals have been road safety audited to ensure their suitability. It is recommended that the results of which are reviewed before making a final decision.

- Refer to Appendix D for Road Safety Audit Report

Traffic Regulation Orders and Formal Consultation

To allow enforcement of the proposed traffic calming measures, a Traffic Regulation Order (TROs) will be required, therefore full consultation with the local community and emergency services must take place as they must be made aware of any negative impacts that a scheme comprising physical measures might have. This may include noise, discomfort or exclusion for certain user groups, including local disability/access groups, loss of parking in some instances and changes to the visual environment. If road humps are used within a scheme, all physical measures within the scheme will be subject to both informal and formal consultation.

Utility Diversions

Utility plans indicate existing underground equipment in the area, however, it is unlikely that diversion works would be required as a result of the three proposals..

- Refer to Appendix B for utility plans.

Recommendation

It is suggested that each option be carefully considered by the Local Highways Panel before deciding on which, if any, to develop further.

It should be noted that when assessed by the road safety team, concerns that the introduction of traffic calming along Hornsby Way wouldn't necessarily address the issue but relocate it onto adjoining roads were raised.

FEASIBILITY REPORT – DC1882

It is advised that should traffic calming be installed, vehicle speeds on all adjoining roads be reviewed upon completion of the works.

Prepared by:

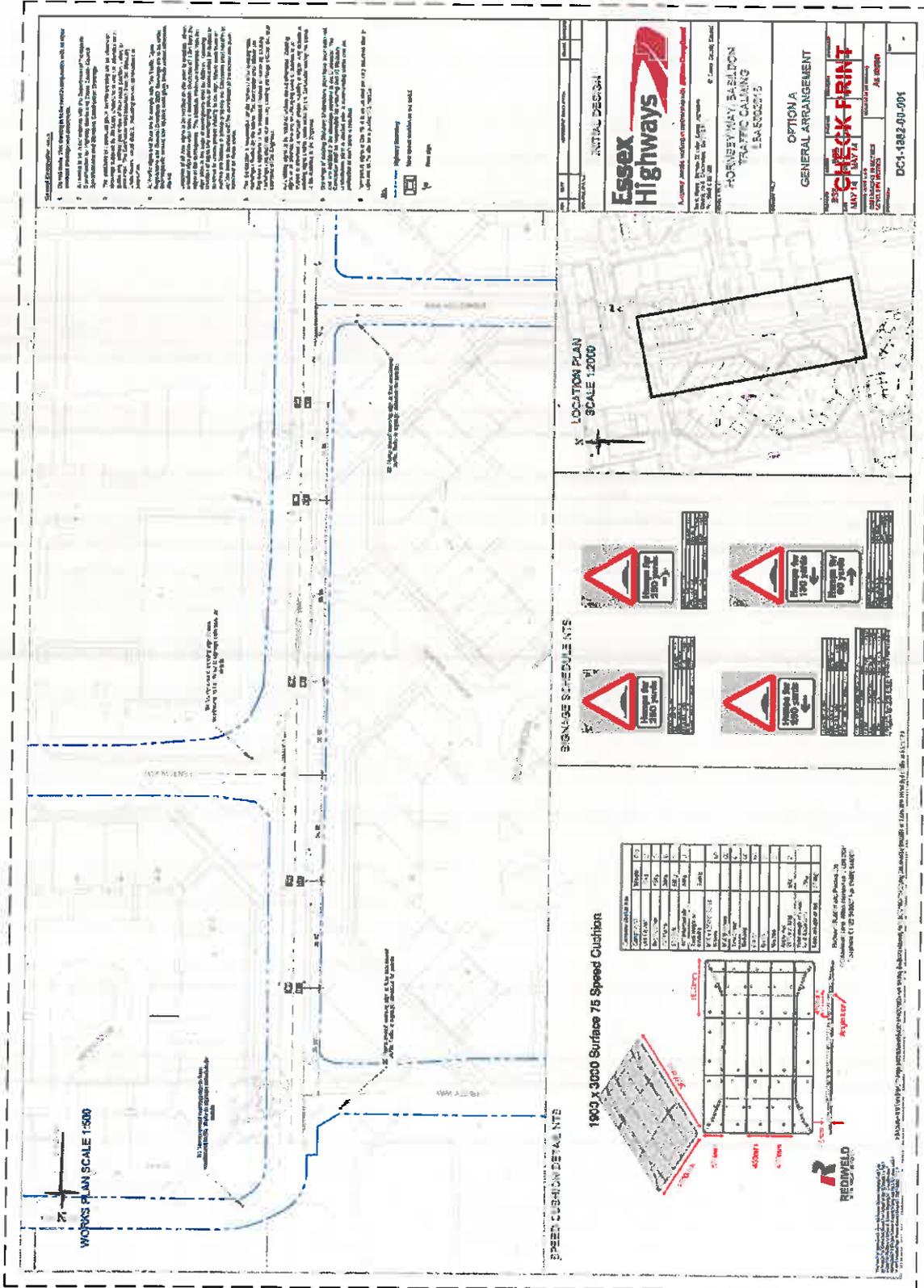
Brad Ellis

Date:

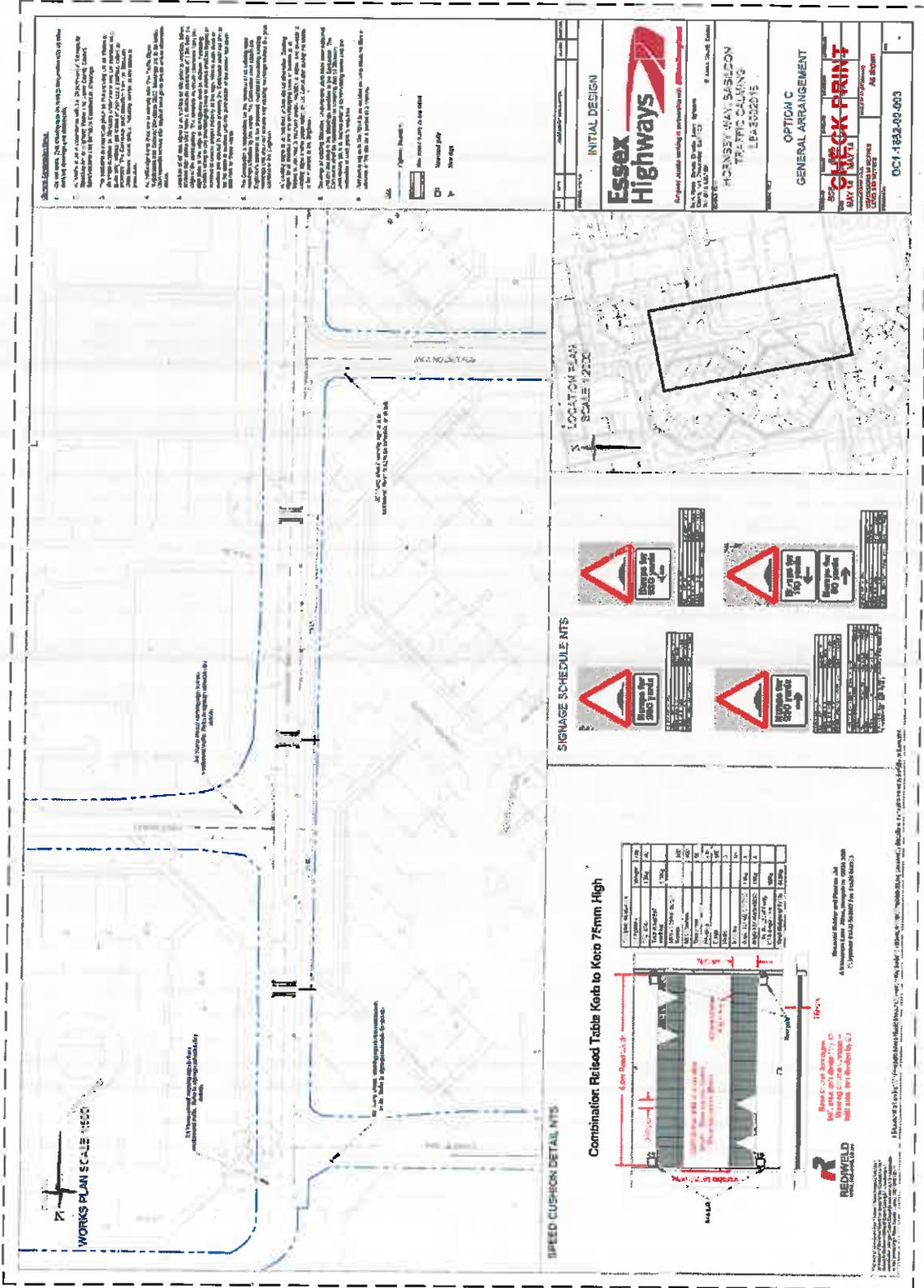
23rd July 2014

Appendix A

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FEASIBILITY REPORT – DC1882

Appendix B

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works taking place near to BT apparatus which may exist at various depths and may deviate from the marked route.

DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
 (Office hours: Monday-Friday 08.00 to 17.00)
 Tel: 0800 91 73609
 E-mail: dbyd@openreach.co.uk
 Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

- | | | | |
|-----|--------------------|-----|---------------|
| — | UNDERGROUND PLANT | ○ | POLE |
| — | OVERHEAD PLANT | ⊗ | CABINET |
| ■ | JOINT BOX | □ | BURIED JOINT |
| ⊗ | DISTRIBUTION POINT | ⊞ | JOINTING POST |
| ⊞ | MANHOLE | --- | PROPOSED U/G |
| --- | DP BOUNDARY | --- | PROPOSED O/H |
| --- | OTHER BT BOUNDARY | ■ | PROPOSED BOX |

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation



BT Ref: CJC033141
 Map Reference: (centre) TQ6654789306
 Easting/Northing: (centre) 566547, 189306
 Issued: 08/07/2014 15:51:19

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

FEASIBILITY REPORT – DC1882

Maps by email Plant Information Reply



IMPORTANT WARNING

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(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0300 9173999
E-mail: dbyd@openreach.co.uk
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KEY TO BT SYMBOLS

- | | | | |
|--|--------------------|--|--------------|
| | UNDERGROUND PLANT | | POLE |
| | OVERHEAD PLANT | | CABINET |
| | JOINT BOX | | BURIED JOINT |
| | DISTRIBUTION POINT | | JOINING POST |
| | MANHOLE | | PROPOSED U/G |
| | DP BOUNDARY | | PROPOSED O/H |
| | OTHER BT BOUNDARY | | PROPOSED BOX |

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.



BT Ref: REP19311H

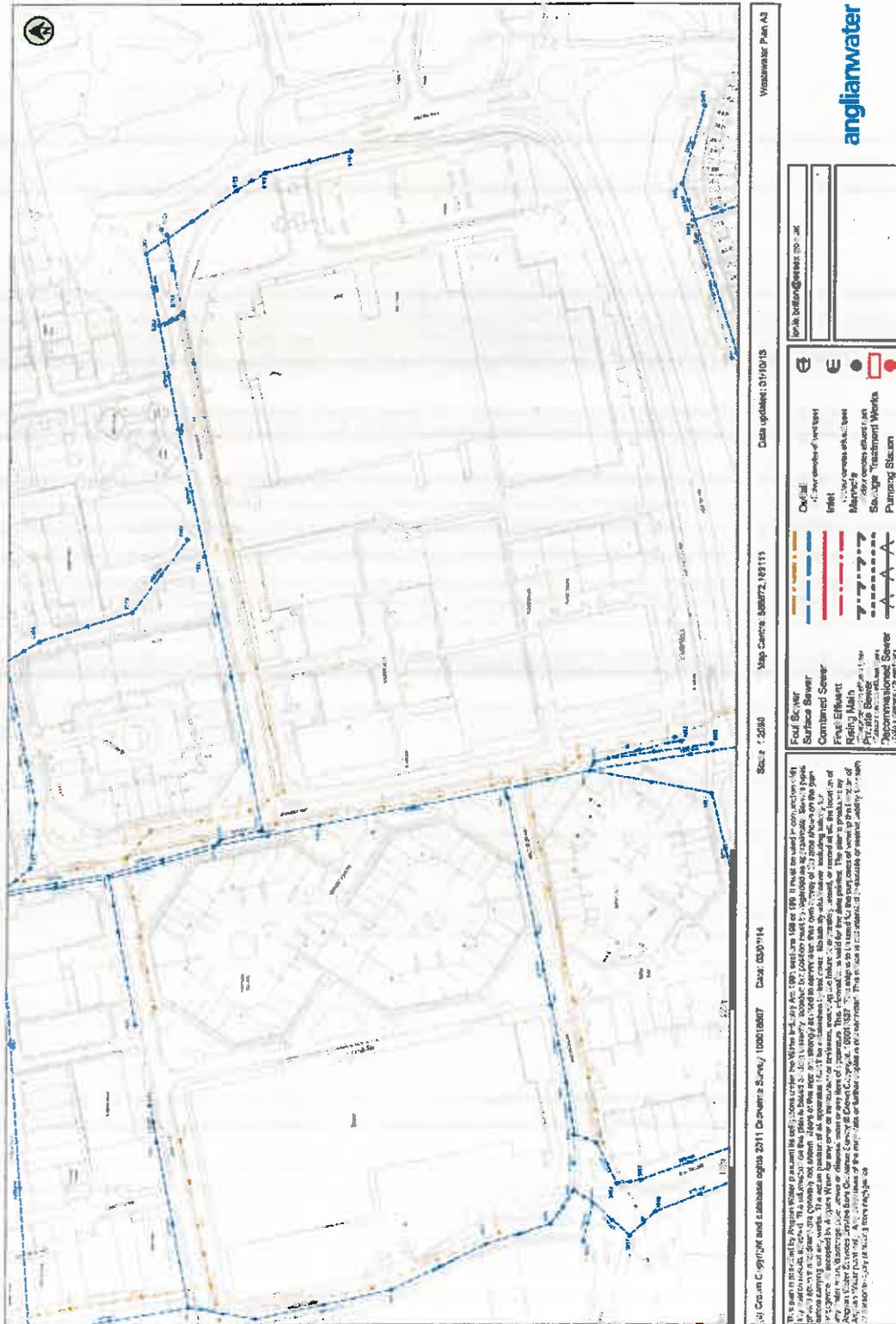
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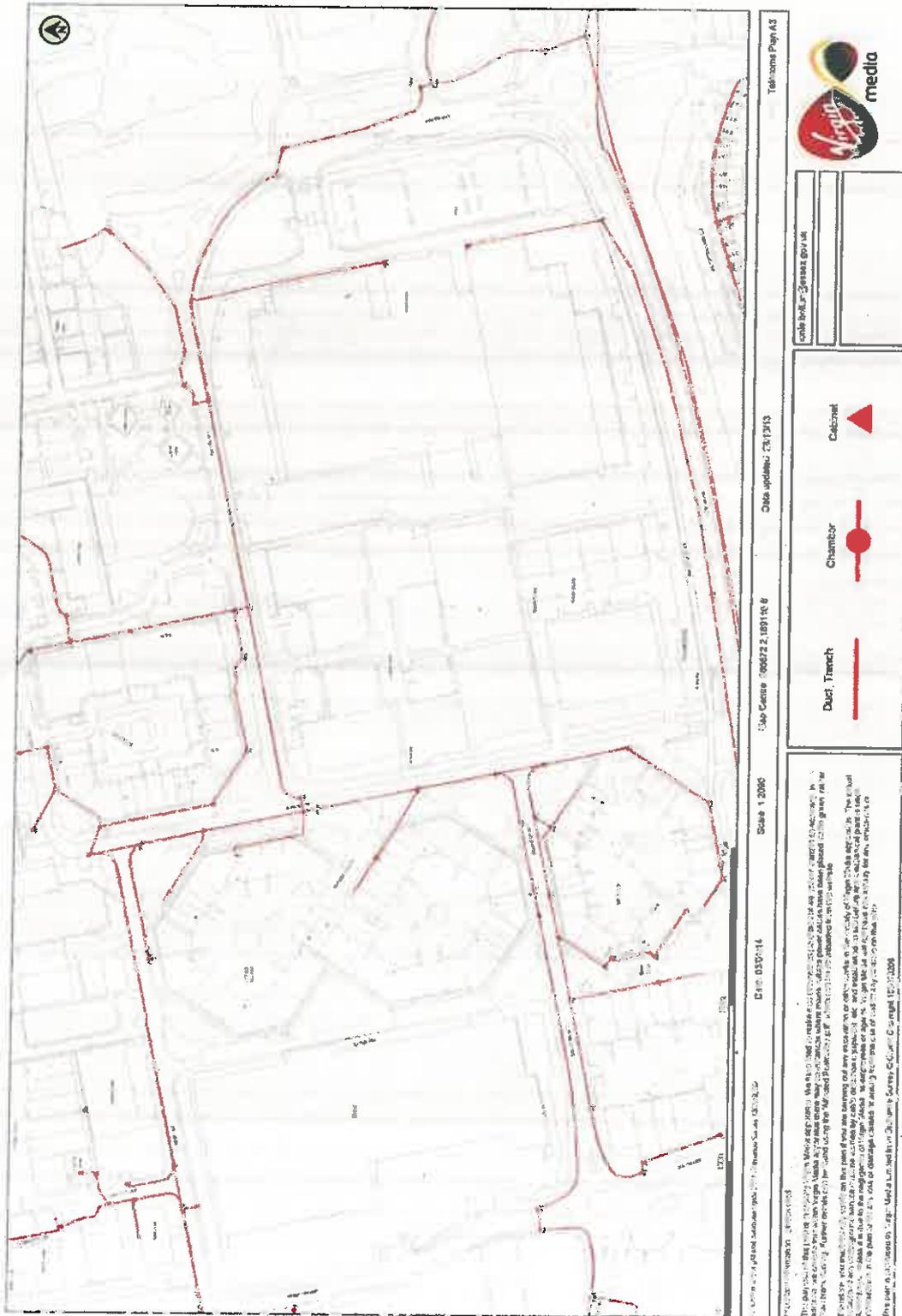
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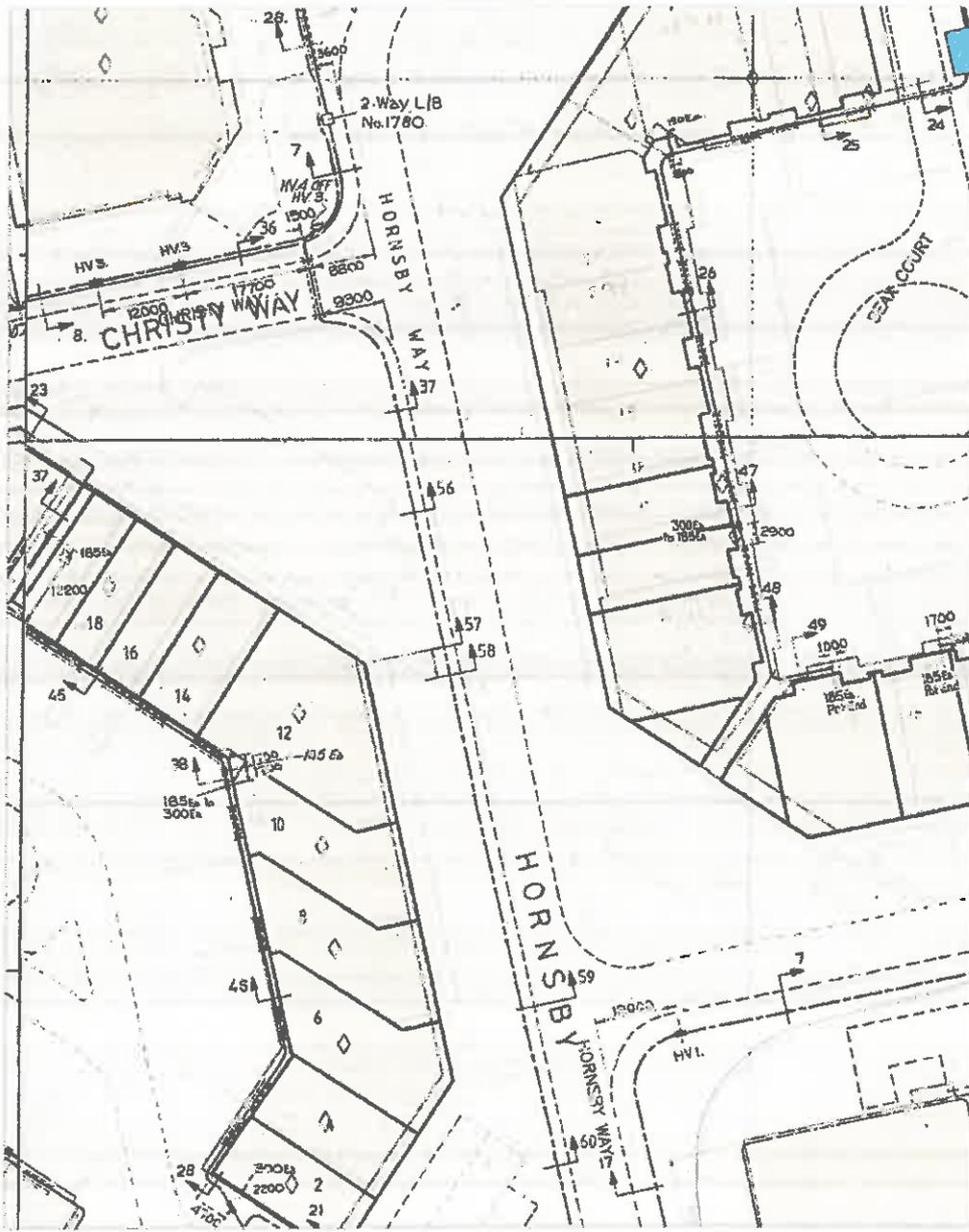
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Title: 1348 1

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North: 189225666.667

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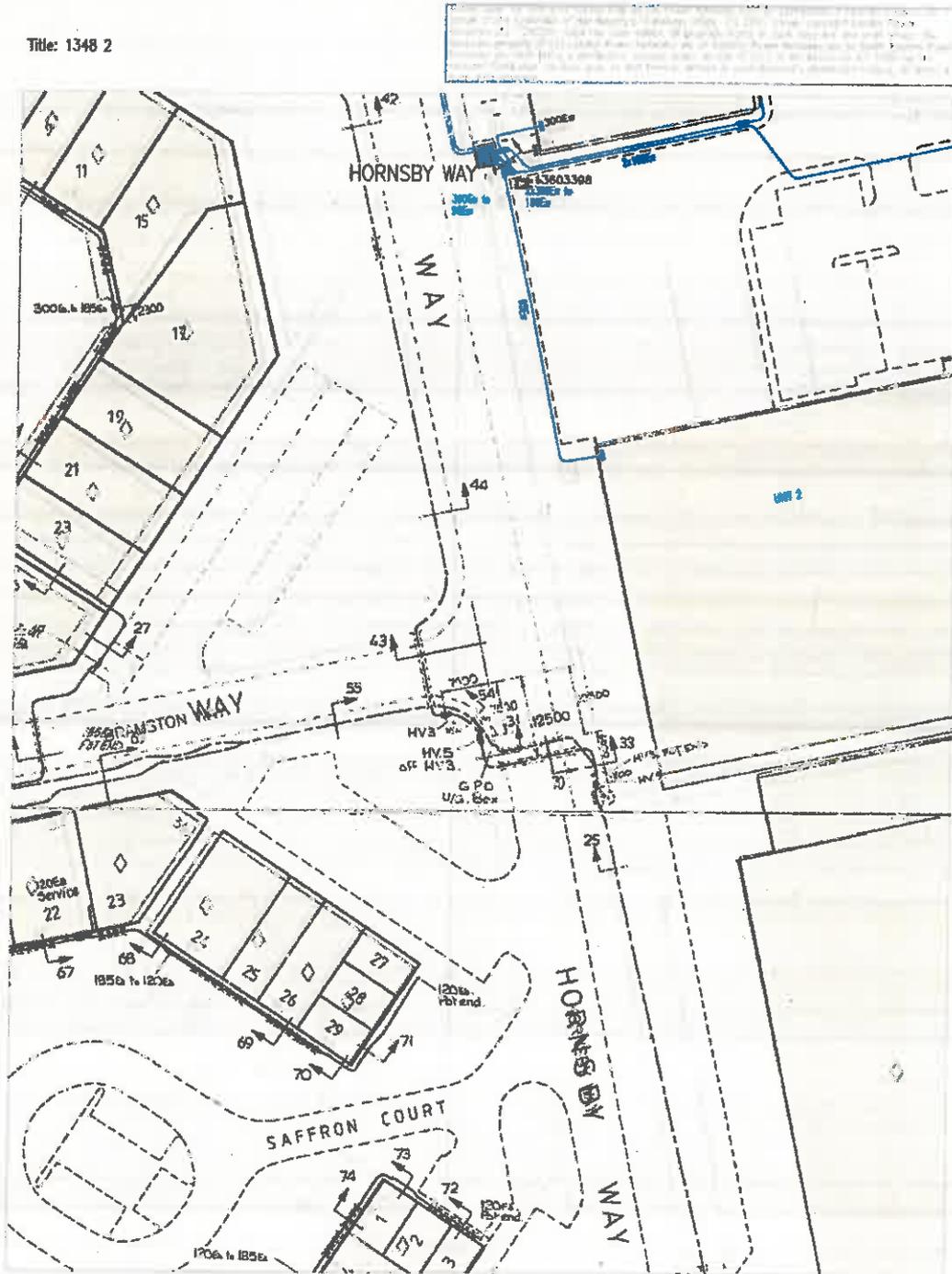
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Title: 1348 2



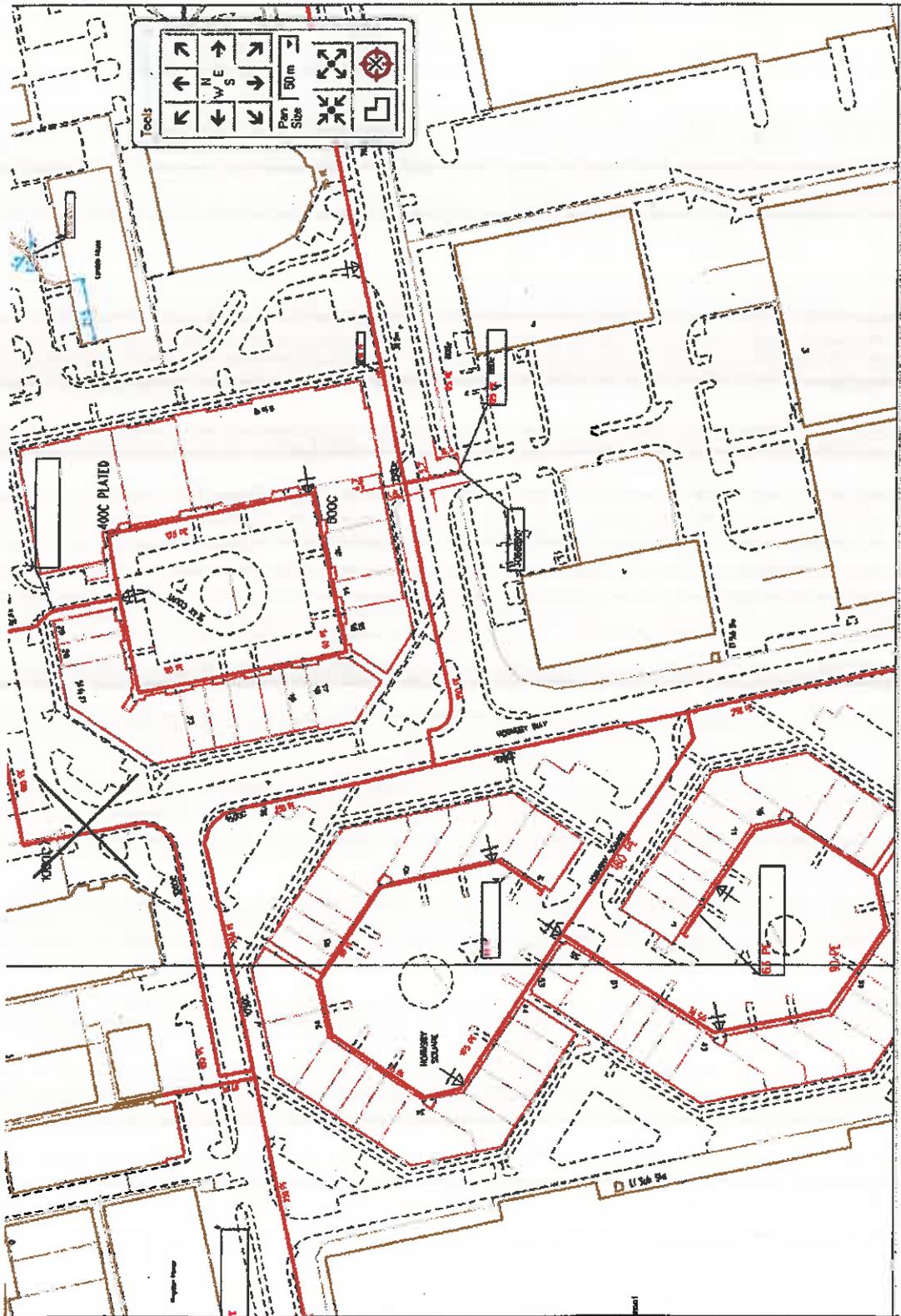
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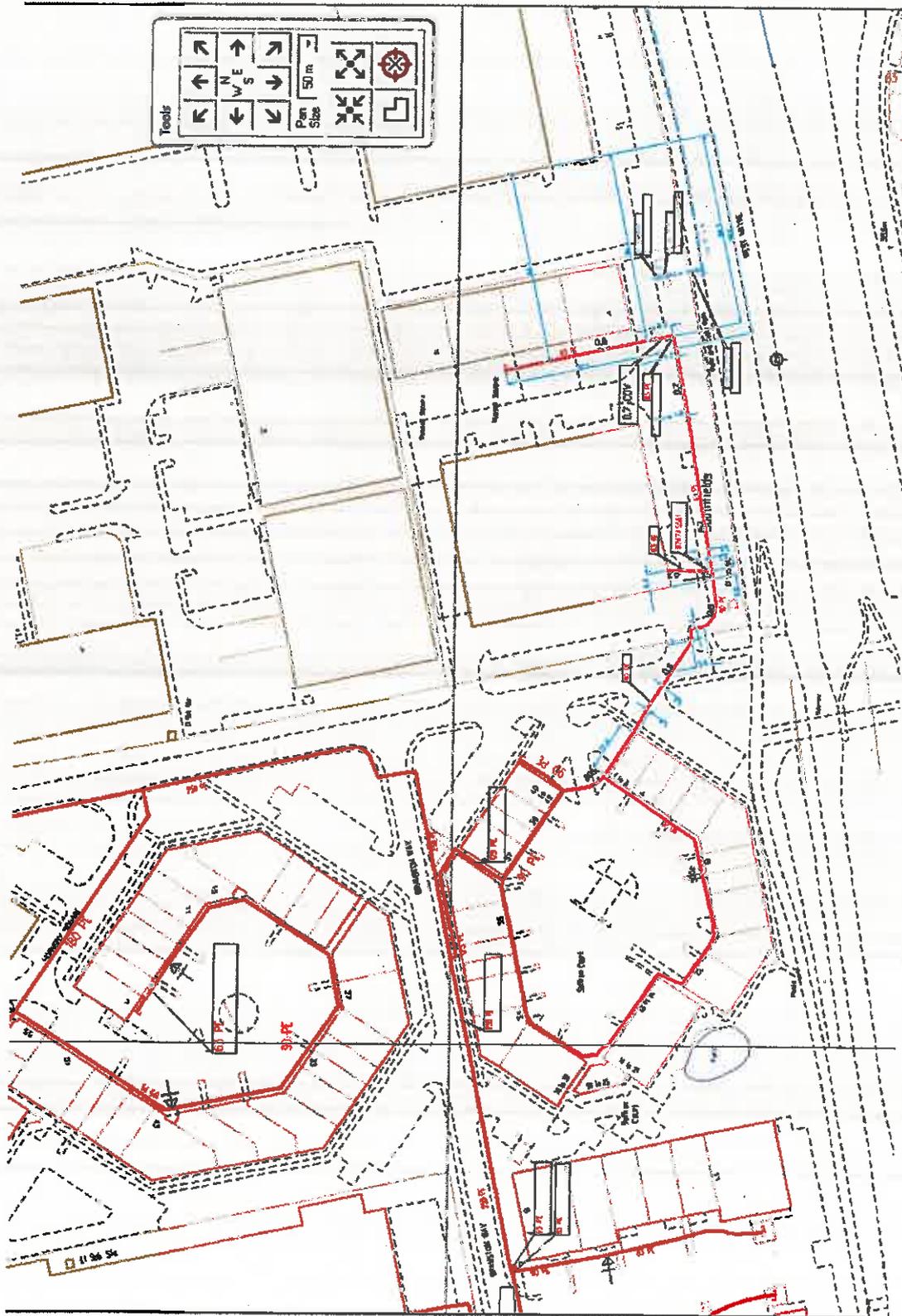
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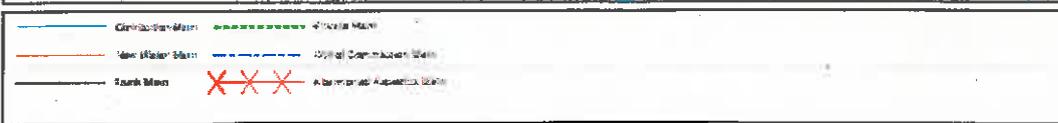
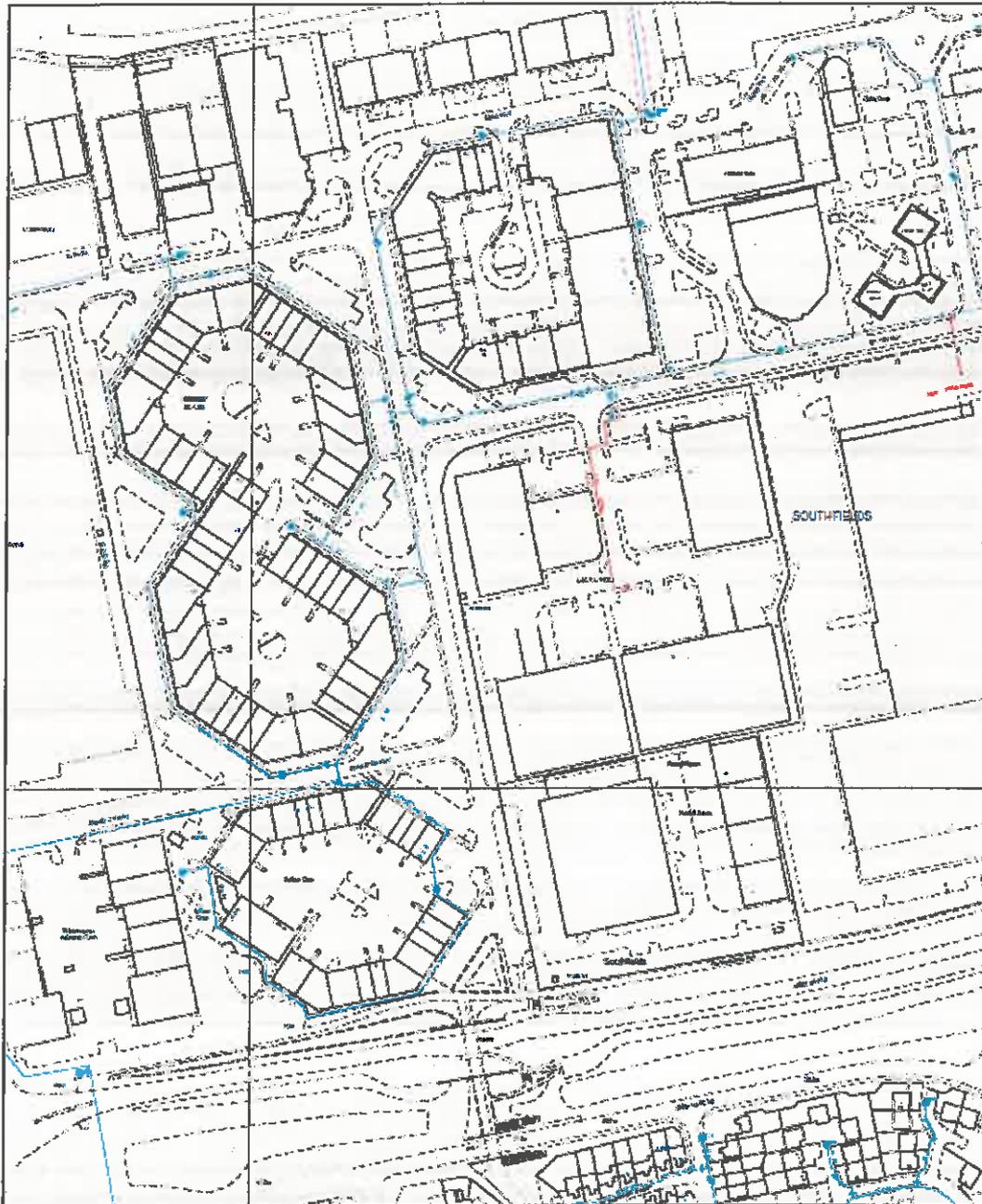
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Centre Point	: 506620,186061	Scale	: 1:2500	



FEASIBILITY REPORT – DC1882

Basildon Local Highway Panel Appendices

Appendix 2 – Kennel Lane Billericay – Weight Restriction Signage Design

Delivery Estimated Cost: £10,000

Basildon Local Highway Panel Appendices

Appendix 3 –Brightside, Billericay – Design of 20mph Zone

Delivery Estimated Cost: £12,000

PROPOSED SPEED TERMINAL SIGNS
SCALE : NTS



Sign Reference	670-30
Height	600mm
Width	600mm
Area	0.28 sqm
Material	Class RA2 (12859-1:2007)
Mount Height	2300



Sign Reference	670-20
Height	600mm
Width	600mm
Area	0.28 sqm
Material	Class RA2 (12859-1:2007)
Mount Height	2300

PROPOSED BRIGHTSIDE 20MPH LAYOUT
SCALE : NTS



NOTES

1. Do not scale. This drawing is to be read in conjunction with all other contract drawings and documents.
2. All works to be in accordance with the Department of Transport's Traffic Signs Regulations and General Directions and Essex County Council Specifications and Standard Construction Drawings.
3. All traffic signs and lines are to comply with The Traffic Signs Regulations and General Directions and Essex County Council Specifications and Standard Construction Drawings. Signs are to be white thermoplastic resin with applied solid green back unless otherwise stated.
4. Location of all base signs to be marked on site prior to erection. Where needed, place signs at least 1.0m clearance of 1.0m from the edge of the carriageway. The absolute minimum clearance from the sign plate to the edge of carriageway shall be 450mm.
5. All existing signs to be retained unless stated otherwise. Any defects to existing signs and/or poles noted by the Contractor during the works to be reported to the Engineer.
6. Traffic signals for Brightside due to be taken out of service in the morning and afternoon. No work between 7:30 - 8:30 and 14:30 - 15:30, Monday to Friday.
7. **Speed limit backbone signs** - 600mm dia. placed at termination points shall be illuminated and double sided to indicate the start of the restriction. UCPN to supply mains electricity to speed limit termination signs.
8. **Speed limit repeater signs** - 300mm dia. shall be placed double sided at 200m intervals on alternate sides of the carriageway and as detailed in Table 14.4 of the Traffic Sign Manual Chapter 3 - No illumination.
9. UCPN to supply mains electricity to new traffic signs.
10. Sign Lanterns - Strimon signs, LVA sign lanterns, 2 x 8 watt, E27/24W incandescent.
11. Isolator - Chassis Endfeed, Dole pole isolator fixed to the base of the wide base post.
12. Wide base post - 8m column cut down to suit. G26 protected.
13. All signs to be mounted at 2.3m above ground level.

KEY

- Existing lamp column
- Proposed traffic sign
- Existing traffic sign
- Existing telegraph pole
- Proposed extent of 20MPH limit

DATE: 14/07/2014
DRAWN BY: [Name]
CHECKED BY: [Name]



Highway Jacobs working in partnership with Essex County Council
Mark Stone, Services Director, Essex Highways
Change Hill, Clowick, CM1 1DH
Tel: 01206 323232

LOCAL HIGHWAYS PANEL
Brightside, Billericay Proposed 20MPH
LEAS132022

SCHEME PROPOSAL

STANDARD	ADJ	ADJ	SM	CB	CB
DATE	APR 14	APR 14	JUL 14	JUL 14	JUL 14
APPROVED BY	[Name]	[Name]	[Name]	[Name]	[Name]
APPROVED BY	[Name]	[Name]	[Name]	[Name]	[Name]

DIMENSIONS IN MILLIMETRES AS SHOWN
LEVELS IN METRES

DC1960-1200-002

Basildon Local Highway Panel Appendices

Appendix 4 –Greenstead Infant and Junior School – Design to harden and improve grass verge

Delivery Estimated Cost: £4,025

JOB NUMBER: DC3080

SITE NAME: Greenstead Inf & Jnr School Verge hardening

SITE PHOTGRAPHS

LOCATION: Timberlog Lane, Basildon



Photo No. 1. - General View of Verge and Footpath



Photo No. 2. - View North End of Verge Showing missing and Uneven Edge Stones

JOB NUMBER: DC3080

SITE NAME: Greenstead Inf & Jnr School Verge hardening

SITE PHOTOGRAPHS

LOCATION: Timberlog Lane, Basildon

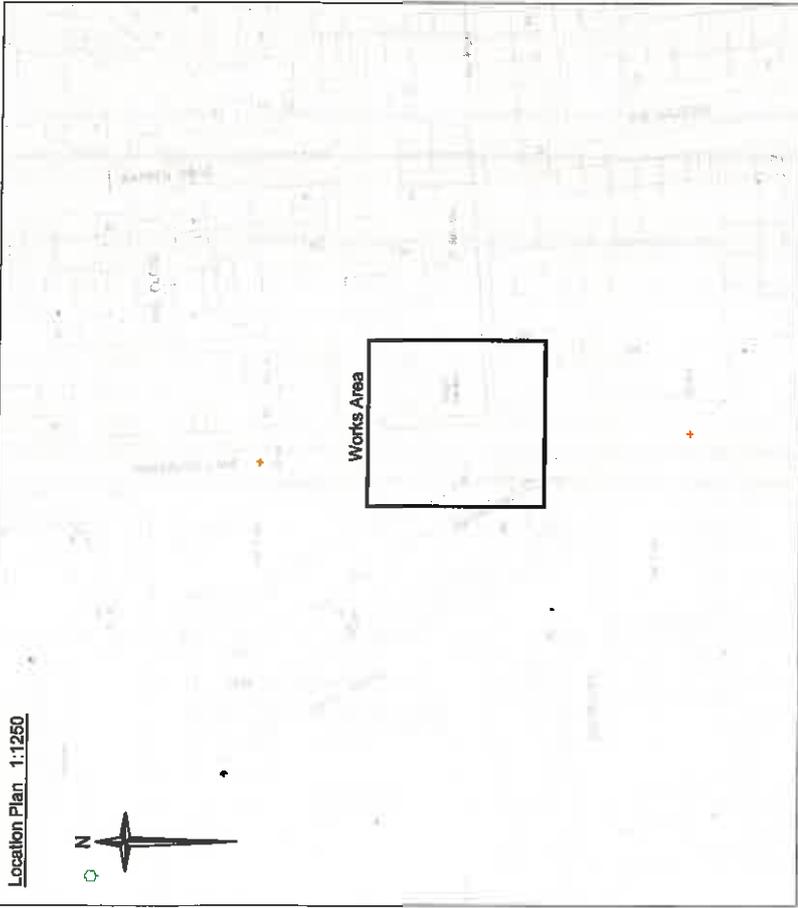


Photo No. 3. - View of South End of Verge Showing Degree of Settlement Within Verge.

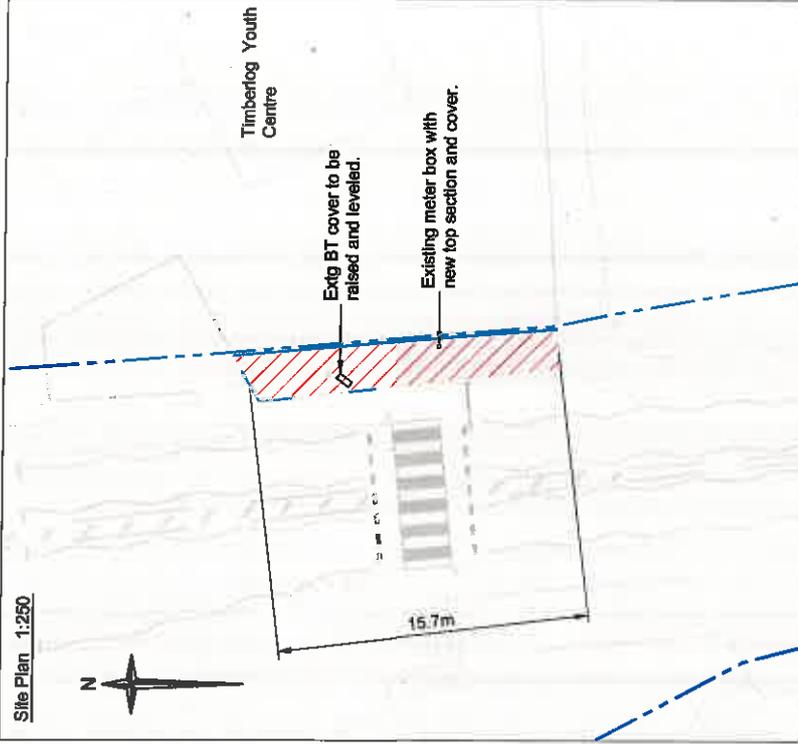


Photo No. 4. - Close-up of Broken Water Meter Cover.

Location Plan 1:1250

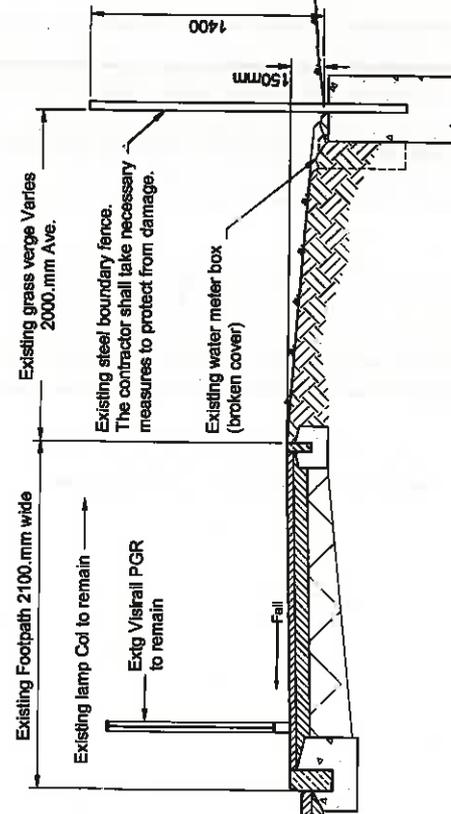
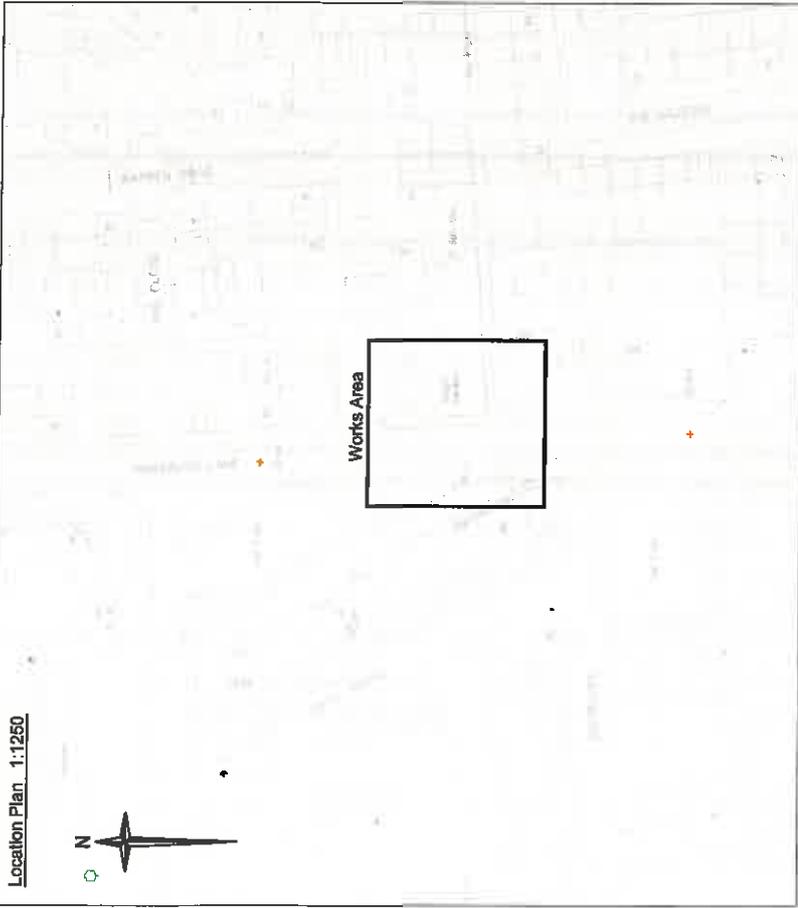
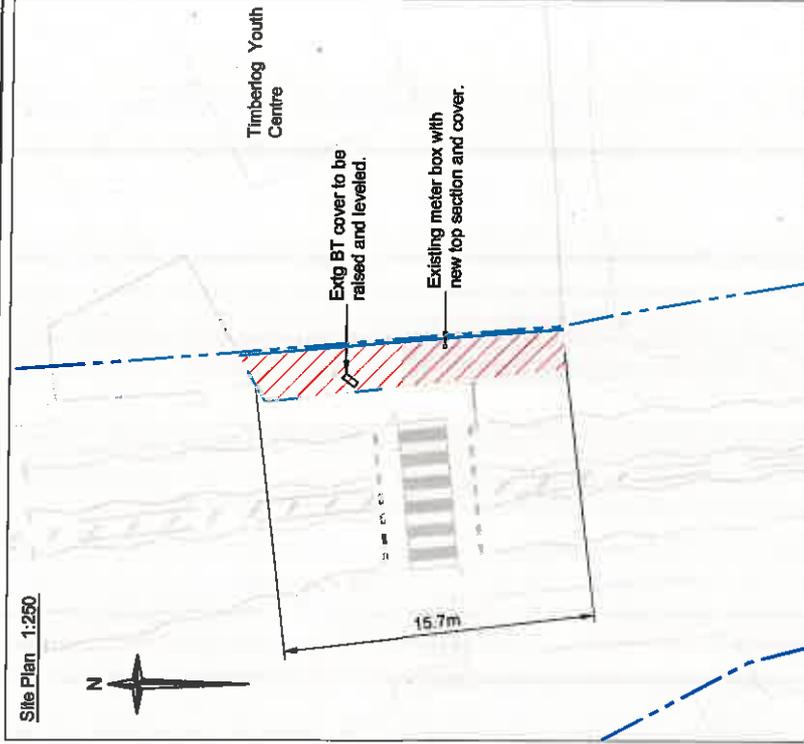


Site Plan 1:250



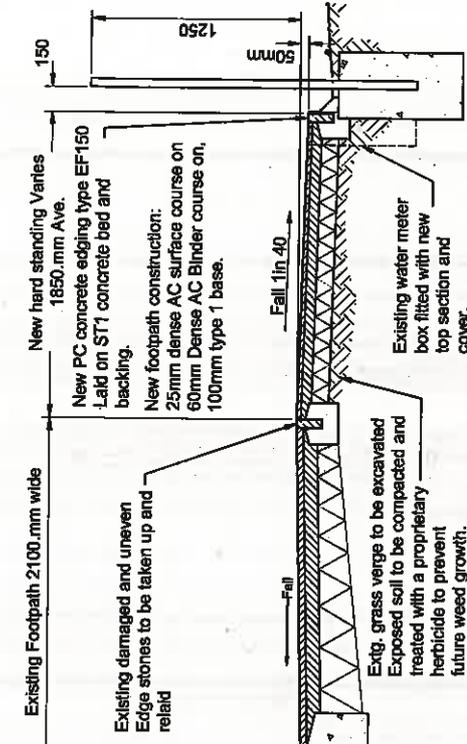
General Construction Notes

1. Do not scale. This drawing is to be read in conjunction with all other contract drawings and documents.
2. All works to be in accordance with the Department of Transport's Specification for Highway Works and Essex County Council Specifications and Standard Construction Drawings.
3. Drawings of existing Statutory Undertakers plant have been obtained and are included in the drawings provided to the Contractor. The Contractor shall be responsible for ensuring that all Statutory Undertakers plant is located prior to commencing works and the protection of such plant is required.
4. Works to be carried out during the school holidays to reduce potential delays.



Existing Section Thro' Footpath and Verge

4:130



Proposed Section Thro' Footpath and Verge

4:130

1. All work to be completed prior to the start of the school holidays. The Contractor shall ensure that all Statutory Undertakers plant is located prior to commencing works and the protection of such plant is required. Works to be carried out during the school holidays to reduce potential delays.

DATE	DESCRIPTION

CHECK PRINT



Blueway Jacobs working in partnership with Essex County Council
 Essex County Council
 Essex Highways
 The Old Rectory
 Essex, UK
 © Essex County Council

**Greenstead Inf & Jnr school
 Verge Hardening
 LBAS132023**

GENERAL ARRANGEMENT

General Arrangement

DATE	BY	CHECKED	APPROVED
Aug 14	PDM		

SCALE	AS SHOWN

DC1-3080-11-001

