

MUNICIPAL YEAR 2018/2019 REPORT NO.

ACTION TO BE TAKEN UNDER DELEGATED AUTHORITY

PORTFOLIO DECISION OF:

Cllr Guney Dogan - Cabinet Member
for Environment

REPORT OF:

Director OF Environment
& Operational Services -
Place

Agenda – Part 1

KD Num:

**Subject: Approval of new licence fees for
animal welfare premises**

Wards: All

Contact officer and telephone number: Ellie Green, Principal Licensing Officer

Telephone: 020 8379 8543

E-mail: ellie.green@enfield.gov.uk

1. EXECUTIVE SUMMARY

The Council has a statutory duty to enforce The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018 which comes into effect on 1 October 2018.

- 1.2 The new Regulations repeals a series of animal welfare Acts and consolidates the licensing requirements into one set of Regulations made under the Animal Welfare Act 2006.
- 1.3 Due to the changes made to the licensing requirements, new fees need to be set for licence applications for animal welfare establishments. The new fee structure requires approval.

2. RECOMMENDATIONS

- 2.1 To note the changes required by The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018.
- 2.2 To approve the new fees attached in Annex 1.

3. BACKGROUND

3.1 Introduction:

- 3.1.1 The Council is responsible for licensing premises which sell animals, and which provide accommodation to board or breed animals. This is to ensure that the operator and the conditions for welfare of animals are suitable.
- 3.1.2 The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018 came into force on 1st October 2018 and is made under the Animal Welfare Act 2006. It repeals the current legislation in England as follows:
- Pet Animals Act 1951
 - Animal Boarding Establishments Act 1963
 - Breeding of Dogs Act 1973
 - Breeding of Dogs Act 1991
 - Breeding and Sale of Dogs (Welfare) Act 1999
- 3.1.3 The reason for the new Regulations is that the Government is updating the old legislation, which pre-dates the Animal Welfare Act 2006, and are introducing new measures to ensure those conducting animal activities are doing so to the best standards of animal welfare.
- 3.1.4 The new regime covers the following animal activities:
- Performing animals
 - Home boarding dogs
 - Selling animals as pets
 - Boarding cats
 - Boarding dogs
 - Breeding dogs
 - Dog day care
 - Hiring out horses.
- 3.1.5 There are no changes to the licensing requirements that we administer for Dangerous Wild Animals or Zoos.

3.2 Key changes:

- 3.2.1 The new Regulations introduce a single licence for pet selling, dog breeding and animal boarding establishments, including home boarders and day care establishments. The Regulations will introduce updated conditions (found in the Schedules of the Regulations) for each of these activities. The conditions have been drafted by the Government in collaboration with animal welfare organisations and enshrine the key requirements from the Chartered Institute of Environmental Health (CIEH) Model Licence Conditions into law.

- 3.2.2 The new Regulations will change to the issuing of for a fixed term, set at any point in the year. This will prevent all inspections having to take place at one time of year. At the present time, most legislation requires licences to run from 30 December each year and so the inspection take place before that date.
- 3.2.3 Local authorities are now required to use the standardised risk-based approach to licensing, which will mean that lower risk and high performing operators will be allowed a longer licence and fewer inspections. This will incentivise licence holders to operate at higher standard. Unannounced inspection visits will still be an important part of ensuring high standards under these Regulations. Following an inspection, the inspector will issue a rating. The premises licence must include the outcome of the risk rating, which will be published on the council's online register. The licence itself is also required to be displayed on the premises.
- 3.2.4 There will be new conditions that will apply to licences, and it is necessary to comply with both sets of conditions:
- A general set of conditions that apply to all licences and
 - A set of specific conditions that will apply to specific animal activity.
- 3.2.5 DEFRA has produced guidance documents to help current or prospective licence holders and Local Authorities understand what will be required of them under the new legislation. Licence holders will be advised to read the guidance and the specific documents relevant to the activities provided.

3.3 Fees

- 3.3.1 In addition to the streamlining process, the regulations allow for local authorities to charge fees that more effectively recover costs for this specific work.
- 3.3.2 New fees have been calculated for Enfield. The new regulations are more onerous on the local authority (as well as operators) and require more officer time and cost to the Council. Therefore, the fees need to be increased to recover these costs. More robust checks are required during inspections of animal selling/boarding establishments (whether upon new application or spot check inspection), and a detailed report and risk rating must be completed by the local authority to send to the applicant/licence holder. The fees also incorporate the City of London fees where a vet is required to carry out the inspection, for example on an initial dog breeding application or a riding establishment inspection.
- 3.3.3 Licence holders may now request and subsequently pay for a re-inspection, if works have been carried out in an attempt to improve the risk rating awarded by the licensing authority.

3.3.4 The proposed and former fees are provided in Annex 1.

3.3.5 The Licensing Team are required to write to the existing licence holders (with the new application forms under the new regulations) 12 weeks before 31 December 2018 (this is the expiry date of the current licence). The new fee will need to be charged, and the fee information needs to be provided in the covering letter. This does not meet the usual fee approval timeframe for the new financial year, so in this exceptional circumstance, the Cabinet Member is asked to approve the fees.

4. ALTERNATIVE OPTIONS CONSIDERED

There is no alternative. If we do not introduce the new licensing requirements in the Regulations, we will not be compliant, and neither will premises and operators in the Borough.

5. REASONS FOR RECOMMENDATIONS

The reason for the report is to approve new fees for licence applications for premises selling or boarding animals in accordance with the new more onerous requirements in The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018. The licence fees have been calculated to take account of the costs that the Council will bear so that we are able to fully recover these costs from the licence fee.

6. COMMENTS FROM OTHER DEPARTMENTS

6.1 Financial Implications

6.1.1 The new Regulations are more onerous and will require more officer time to be incurred such as writing a more detailed inspection report and determining a risk rating for example.

6.1.2 In addition to the streamlining process, the regulations allow for local authorities to charge fees that more effectively recover costs for this specific work.

6.1.3 The fees have been calculated based on the estimated cost to the Council of undertaking the licensing process and are set at a level that will recover the full cost to the Council.

6.1.4 The proposed fees and the current fees are provided in Annex 1.

6.2 Legal Implications

The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018 were implemented on 1 October 2018. They require Councils to licence animal licensable activities within their borough. On receipt of an application, the Council is required, following inspection, to grant or renew a licence to the operator, if it is satisfied that the licence conditions will be met, any appropriate fee has been paid, and the grant or renewal is appropriate having taken into account the Inspector's inspection report. The local authority must attach to each licence granted or renewed, the general conditions, and the relevant specific conditions.

Regulation 13 states that a local authority may charge such fees as it considers necessary for—

- the consideration of an application for the grant, renewal or variation of a licence including any inspection.
- the reasonable anticipated costs of consideration of a licence holder's compliance with these Regulations and the licence conditions to which the licence holder is subject, including any inspection relating to that consideration,
- the reasonable anticipated costs of enforcement in relation to any licensable activity of an unlicensed operator, and
- the reasonable anticipated costs of compliance with regulation 29 (reporting on enforcement activity to the Secretary of State).

The fee charged for the consideration of an application for the grant, renewal or variation of a licence and for any inspection relating to that consideration must not exceed the reasonable costs of that consideration and related inspection.

6.3 Property Implications

There are no property implications as Council building are not involved.

7. KEY RISKS

The key risk is that if a new licence fee is not approved then the Council will only be able to charge the current fee. This will mean that the Council will not be recovering the full cost of the work incurred by the new licensing regime and so will be operating at a loss.

8. IMPACT ON COUNCIL PRIORITIES – CREATING A LIFETIME OF OPPORTUNITIES IN ENFIELD

8.1 Good homes in well-connected neighbourhoods

There is no direct impact on housing supply, environmental benefits or the public realm.

8.2 Sustain strong and healthy communities

There is a positive impact on the community's wellbeing from ensuring that premises and operators boarding or selling animals are compliant and ensuring that the animal's welfare needs are catered for.

8.3 Build our local economy to create a thriving place

Businesses that are compliant with animal welfare legislation are more likely to be successful with customers and fulfil their economic potential. Advice provided on inspections will help support these local businesses, and potentially help their business grow and increase jobs.

9. EQUALITIES IMPACT IMPLICATIONS

The Animal Welfare (Licensing of Activities Involving Animals) (England) Regulations 2018 is primarily aimed at ensuring the best standards of animal welfare in premises and of operators towards the selling and boarding of animals. Therefore, there is no significant impact on equalities towards persons. The only real implication for operators is the increase in the licence fee. This might be more impact on those on low incomes. However, the Council needs to recover the costs of this licensing process. If there are applicants experiencing difficulty with paying the fee, we will see if we can accommodate two instalments.

Corporate advice has been sought in regard to equalities, and an agreement has been reached that, on this occasion, an equalities impact assessment/analysis is not relevant or proportionate for the approval of this Statement of Principles.

10. PERFORMANCE AND DATA IMPLICATIONS

Data is input and monitored in relation to the number of licences issued and inspections undertaken to ensure that they meet statutory timescales and the required performance standards.

11. HEALTH AND SAFETY IMPLICATIONS

Licensing inspections, processing and enforcement will be undertaken in accordance with health and safety risk assessments and systems of work.

12. HR IMPLICATIONS

We are required to appoint Inspectors under the Act who have a new specific qualification. One of our inspectors is undertaking the required training and qualification shortly.

13. PUBLIC HEALTH IMPLICATIONS

Whilst there are no direct public health implications for residents, there are indirect positive impacts on people's wellbeing. Animals that are boarded and sold in premises which are safe and cater for their welfare by suitable operators has a positive impact on consumer's emotional and mental wellbeing that use the operator's services or buy pets from such shops.

Background Papers

None.

Annex 1

Proposed Licence Fees (and comparison with existing fees)

BOARDING CATS/BOARDING DOGS (CATTERY/KENNELS) (L01)

	Current Fees	New Fees
PART A (NEW/VARIATION/RENEWAL)	New - £313	£386
PART B (NEW/VARIATION/RENEWAL)	New - £212	£264
TOTAL	New - £525 Renewal - £388	£650
RE-INSPECTION	n/a	£375

HOME BOARDING/DAY CARE FOR DOGS (L17 – HOME BOARDING FOR DOGS/CATS, L09 – DAY CARE FOR DOGS)

	Current Fees (no. of animals not specified)	New Fees
PART A (1-6 animals) NEW/VARIATION/RENEWAL	Home boarding, New – £207 Day Care, New – £260	£300
PART B (1 – 6 animals) NEW/VARIATION/RENEWAL	Home boarding, New – £186 Day Care, New – £186	£264
TOTAL (1 – 6 animals) NEW/VARIATION/RENEWAL	Home boarding, New – £393 Day Care, New – £446 Home boarding, Renewal - £131 Day Care, Renewal - £334	£564
RE-INSPECTION (1 – 6 animals)	n/a	£289
PART A (7 - 10 animals) NEW/VARIATION/RENEWAL	-	£340
PART B (7 - 10 animals) NEW/VARIATION/RENEWAL	-	£264
TOTAL (7 - 10 animals) NEW/VARIATION/RENEWAL	-	£604
RE-INSPECTION (7 - 10 animals)	-	£329
PART A (11 + animals) NEW/VARIATION/RENEWAL	-	£386
PART B (11 + animals) NEW/VARIATION/RENEWAL	-	£264
TOTAL (11 + animals) NEW/VARIATION/RENEWAL	-	£650

RE-INSPECTION (11 + animals)		£375
------------------------------	--	------

DOG BREEDING (L02)

	Current Fees	New Fees
PART A NEW	£367	£606
PART B NEW	£270	£278
TOTAL NEW	£637	£884
RE-INSPECTION NEW LICENCE	n/a	£595
PART A VARIATION/RENEWAL	n/a	£386
PART B VARIATION/RENEWAL	n/a	£278
TOTAL VARIATION/RENEWAL	Renewal - £521	£664
RE-INSPECTION EXISTING LICENCE	n/a	£375

KEEPING OR TRAINING ANIMALS FOR EXHIBITION (L06)

	Current Fees	New Fees
PART A NEW/VARIATION/RENEWAL	New - £268	£511
PART B NEW/VARIATION/RENEWAL	New - £241	£264
TOTAL NEW/VARIATION/RENEWAL	New - £509 Renewal - £270	£775
RE-INSPECTION	n/a	£500

PET SHOPS (L07)

	Current Fees	New Fees
PART A NEW/VARIATION/RENEWAL	New - £189	£386
PART B NEW/VARIATION/RENEWAL	New - £260	£343
TOTAL NEW/VARIATION/RENEWAL	New – £449 Renewal - £289	£729
RE-INSPECTION	n/a	£375

HIRING OUT HORSES (L08)

	Former Fees (no. of animals not specified)	New Fees
PART A (Under 15 horses)	New - £600	£522
PART B (Under 15 horses)	New - £39	£579
TOTAL (Under 15 horses)	New - £639 Renewal - £629	£1101
RE-INSPECTION (Under 15 horses)	n/a	£511
PART A (15 - 29 horses)	-	£697
PART B (15 - 29 horses)	-	£754
TOTAL (15 - 29 horses)	-	£1451
RE-INSPECTION (15 - 29 horses)	-	£686
PART A (30 + horses)	-	£837
PART B (30 + horses)	-	£894
TOTAL (30 + animals)	-	£1731
RE-INSPECTION (30 + horses)	-	£826

OTHER FEES PAYABLE IN RESPECT OF APPLICATIONS MADE. ARE AS FOLLOWS:

	Former Fees	New Fees
Notification of theft, loss, etc. of premises licence	n/a	£19
Notification of change of name or address of premises licence holder	n/a	£19
Notice of interim authority following death of premises licence holder	n/a	£19

MUNICIPAL YEAR 2018/2019 REPORT NO.

ACTION TO BE TAKEN UNDER DELEGATED AUTHORITY

PORTFOLIO DECISION OF:

Cllr Guney Dogan, Cabinet
Member for Environment

REPORT OF:

Director of Environment & Operational Services

Agenda – Part:

KD Num: 4738

Subject: Haselbury Neighbourhood
Improvements – Moore Brook Green
Link

Wards: Haselbury

Contact officer and telephone number: Jamie Kukadia x2288
Email: jamie.kukadia@enfield.gov.uk

1. EXECUTIVE SUMMARY

- 1.1 The Haselbury Neighbourhood Improvements aim is to make walking and cycling safer, as well as improve the public realm for residents, businesses and schools. Green infrastructure sustainable drainage features, such as rain gardens, will be used to improve the public realm, reduce flood risk, enhance underused green spaces and slow traffic near schools.
- 1.2 As part of these overall aims a series of rain gardens is proposed along a walking route that links Firs Farm Wetlands and Pymmes Park Wetlands, called the Moore Brook Green Link.

2. RECOMMENDATIONS

- 2.1 To consider and approve the proposal to construct Green Infrastructure Sustainable Drainage Systems across the Haselbury Ward to form the Moore Brook Green Link. The detailed designs for each rain garden have been guided by the public consultation and will be subject to final approval by relevant officers in Traffic and Transportation and Highway Services.
- 2.2 Accept £50k of funding from the GLA and seek additional funding both internally and externally from partner organisations identified in this report. Delivery of the scheme will be on a phased basis as funding is secured.
- 2.3 To delegate authority to the Head of Highway Services to authorise the placing of orders through any of the Council's existing relevant term contracts or to invite and evaluate tenders/quotations and, where suitable tenders/quotations are received, to award contracts for the works to create the rain gardens in compliance with the Council's procurement rules.

- 2.4 To approve the making of the traffic management order (with modifications) pursuant to the Road Traffic Regulation Act 1984 to enable the introduction of rain garden traffic calming measures as detailed in this report.

3. BACKGROUND

- 3.1 The Haselbury Neighbourhood is within the Moore Brook catchment of Enfield that covers a large urban area stretching from Edmonton to Winchmore Hill. Flood risk modelling of the catchment suggests there is significant residual flood risk despite the completion of Firs Farm Wetlands in early 2017 – the flood storage area at Firs Farm reduces risk for over 100 properties; however, there are still estimated to be almost 400 properties at risk for an event with an annual probability of 1 in 100 with the potential effects of climate change taken into account.
- 3.2 The most effective way to mitigate this remaining risk is to use Green Infrastructure Sustainable Drainage Systems (GI SuDS) such as rain gardens and SuDS tree pits to reduce rainfall runoff and therefore reduce flood risk. This approach is recommended in Enfield's Local Flood Risk Management Strategy (2016).
- 3.3 Discussions between the Structures and Watercourses team and Cycle Enfield have identified a number of opportunities to align delivery of SuDS measures in this area with works being undertaken to improve provision for cycling and walking, this has led to the concept of creating the Moore Brook Green Link. This is proposed to be a series of green SuDS features, following the route of Moore Brook, linking Firs Farm Wetlands to Pymmes Park Wetlands further downstream. In combination with additional measures to be delivered by Cycle Enfield in this area the project aims to achieve the following:
- Facilitate better pedestrian and cycle connectivity between Winchmore Hill and Edmonton by creating a walking and cycling route that connects Firs Farm and Pymmes Park wetlands
 - Use rain gardens as traffic calming features along Westerham Avenue, Bexley Gardens and Haselbury Road, these measures will reduce traffic speeds near Hazelbury Primary School, Westlea School and Latymer School
 - Reduce flood risk to properties in the Moore Brook catchment and reduce pollution entering local rivers by using SuDS features to capture and breakdown pollutants such as oil and heavy metals
- 3.4 Please refer to the map in the consultation document attached for further information about the nature and location of the proposed works. It is proposed that the measures at locations 1-3 and 9-13 will be delivered by Cycle Enfield. This paper focusses on the measures at locations 4-8 which are to be delivered by the Structures and Watercourses team in Highway Services. The estimated cost of delivering measures 4-8 is £420,000. The

table in paragraph 3.9 summarises the potential funding for this project. Currently only £120,000 has been secured, opportunities for further funding are yet to be confirmed. If further funding is not realised the scale of the project will be reduced.

3.5 A public consultation has been carried out over the last few months, the activities involved, and responses received are described below:

- 3,200 local residents were invited to a workshop at Hazelbury School on 27th June to discuss the proposals
- Over 30 residents attended this event along with representatives from the school, feedback on the rain garden proposals was predominantly positive
- Examples of some of the comments received include “the scheme has some very good points such as the rain gardens and improved public realm” and “the rain gardens marking the route of the hidden Moore Brook is a lovely idea and would transform streets aesthetically”
- A consultation document (please see background paper attached) was issued to the same 3,200 residents in September, the deadline for responses was 7th October, this included the traffic management order in compliance with the Council’s powers and duties as the traffic and highway authority
- Only 18 responses were received, however these were mostly positive
- 4 out of the 18 responses received raised concerns about the possible impact on driving.
- Any potential negative impacts will be minimised by ensuring that all designs are reviewed and approved by Enfield’s Traffic and Transportation team prior to installation; however, it is important to recognise that improving provision for cycling and walking by reducing traffic speeds may be perceived negatively by some members of the community even though the overall benefits are positive
- It is estimated that up to 21 parking spaces will be lost if all of these measures are implemented (the numbers and potential locations of lost parking spaces are clearly identified in the drawings included with the public consultation document – see background papers attached); this is just under 10% of the available on-street parking spaces on the streets where measures are proposed (the percentage is significantly lower if the remaining parking spaces on adjacent streets is taken into account)

3.6 The outline programme for the project is as follows:

- January to March 2019 – begin construction works on first phase of the rain gardens
- April 2019 to March 2020 – continue construction works in accordance with the agreed programme for Hazelbury Neighbourhood Improvements

3.7 The GLA has granted Enfield Council £50,000 for the delivery of rain gardens along the Moore Brook Green Link, as part of the Greener City Fund grant. Further funding for this project has been identified as part of the London

Strategic SuDS Pilot (please refer to the attached background paper for further information on this project). Enfield is closely involved in this pilot project which seeks to demonstrate the benefits and deliverability of providing SuDS measures on a wide scale by integrating them into other public works such as cycle improvements and traffic calming. The £1.5m project is funded by the Thames Regional Flood and Coastal Committee (TRFCC) and Thames Water and is aiming to deliver SuDS measures in 6 London Boroughs – it is expected that Enfield will receive an investment of £200,000; this will be confirmed in early 2019.

- 3.8 The Structures and Watercourses team are also discussing an additional source of funding with Network Rail. Network Rail is looking to fund biodiversity improvements in Enfield to offset negative impacts on biodiversity caused by works they are carrying out across their network (not all of these works are in Enfield). The funding amount has not yet been confirmed but Network Rail has indicated that it could be in the order of £20k – officers are working with Network Rail to understand the criteria for funding in advance of a bid submission.

- 3.9 The table below indicates the current position outline budget for the Haselbury Neighbourhood Improvements – Moore Brook Green Link.

Funding	Source	Amount	Secu- red	Spend Profile						Loca- tion *
				2018/19		2019/20				
				Q3	Q4	Q1	Q2	Q3	Q4	
Greener City Fund	GLA	£50k	Yes							5, 6, 7
London Strategic SuDS Pilot	Thames RFCC	£200k	No							5, 6, 7, 8
Section 106	LBE	£20k	Yes							5, 6, 7, 8
Quieter Neighbourhoods	LBE, TfL	£50k	Yes							4
Biodiversity Offsetting	Network Rail	Est. £20k	No							5, 6, 7

* Please refer to the map in the consultation document attached for location information

4. ALTERNATIVE OPTIONS CONSIDERED

Do Nothing: The scheme aims to reduce surface water flood risk in the Moore Brook catchment, which is exacerbated by the impermeable nature of the area. To do nothing will lose the opportunity to create a more resilient drainage system, improve the public realm and create safer streets. It would also mean the loss of an opportunity to comply with one of the actions identified in the Local Flood Risk Management Strategy. Furthermore, it would lose the opportunity to access external funding.

5. REASONS FOR RECOMMENDATIONS

- 5.1 Reduced surface water flood risk as highlighted in Enfield's Local Flood Risk Management Strategy (2016).

- 5.2 Improved water quality in Enfield's rivers by removing harmful pollutants from the drainage system.
- 5.3 Enhanced biodiversity and aesthetics by planting a wide variety of species.
- 5.4 Improved traffic management by slowing down traffic in proximity to schools and making several roads more pedestrian-friendly.
- 5.5 Aesthetic enhancement of the road and the surrounding area.
- 5.6 Improved public understanding and perception of urban drainage issues and sustainable drainage through school and community engagement.
- 5.7 Inspiring more Green Infrastructure SuDS development and collaborative approaches to public realm projects across the borough.

6. COMMENTS FROM OTHER DEPARTMENTS

6.1 Financial Implications

- 6.1.1 The report seeks the Council to consider and approve the proposals to construct Green Infrastructure Sustainable Drainage Systems across the Haselbury Ward to form the Moore Brook Green Link
- 6.1.2 The estimated cost of delivering all the potential measures associated with the Moore Brook Green Link is £420,000. Currently only £120,000 has been secured as described in the table in Section 3. The £200,000 allocated from the London Strategic SuDS Pilot has been provisionally approved by the Thames RFCC but cannot be confirmed until the Business Case for this project has been finalised and approved by the Environment Agency. The Structures and Watercourses team are also discussing an additional source of funding with Network Rail. Network Rail is looking to fund biodiversity improvements in this area to offset negative impacts on biodiversity caused by works they are carrying out. The funding amount has not yet been confirmed but it could be in the order of £20k, provided that the Moore Brook Green Link adequately fulfils the criteria set out by Network Rail.
- 6.1.3 The way the project is structured means it can be delivered on a phased basis as funding becomes available.
- 6.1.4 Future maintenance costs which will be contained within existing Highway Services budgets.

6.2 Legal Implications

- 6.2.1 The Council has the general power of competence pursuant to s.1 (1) of the Localism Act 2011 to do anything that individuals generally may do provided it is not prohibited by legislation and subject to Public Law principles. The proposals set out in this report are consistent with this power and the use of

the organisation in this scenario facilitates this function in accordance with Section 111 of the Local Government Act 1972.

- 6.2.2 Section 122 of the Road Traffic Regulation Act 1984 places a duty on the Council to secure, as far as reasonably practicable, the 'expeditious, convenient and safe movement of vehicular and other traffic (including pedestrians) and the provision of suitable and adequate parking facilities on and off the highway'. The proposed rain gardens used for traffic calming are in accordance with the discharge of this duty. These regulations prescribe the procedure to be followed in making a traffic management order and require consultation with specific persons, publication of proposals in the local press and the giving of adequate publicity as appropriate by, for example, the display of notices or the delivery of letters to premises likely to be affected by any provision of the order. Any written objections or representations received as a result of these notifications must be conscientiously taken into account. The recommendations contained within the report are in accordance with the Council's powers and duties as the traffic and highway authority.
- 6.2.3 The Flood Water Management Act 2010 gives Lead Local Flood Authorities (LLFAs) various responsibilities relating to the management of local flood risk in order to provide preventive measures to mitigate against damage that can be caused by floods in the local area. The funding provided will assist with allowing the Council to meet their obligations and comply with its duties under the 2010 Act.
- 6.2.4 Section 2 of the Local Government Act 2000 provides the Council with the power to do anything it considers likely to promote or improve the social, economic or environmental wellbeing of their area or residents. Therefore, the Council has the power to utilise funding from external organisations in these circumstances as the funding will improve the social wellbeing of residents in the area. There is no express prohibition, restriction or limitation contained in a statute against use of the section 2 power in this way.
- 6.2.5 The Council has a fiduciary duty to look after the funds entrusted to it and to ensure that public funds are spent appropriately. The Council must carefully consider any project it embarks upon and conduct its affairs in a business-like manner with reasonable care, skill and caution, with due regard to public funds. In embarking on any project, the Council must consider whether the project will be a prudent use of the Council's resources both in the short and long term and must seek to strike a fair balance between the interests of the public, and the wider community's interest on the other hand.]
- 6.2.6 The Council is required to comply with the terms of the grant funding agreement and the Council's Contract Procedure Rules when entering into or administration any contracts arising from the recommendations in this report. Any legal agreement arising as a result of the recommendations contained in this report must be in a form approved by the Director of Law and Governance.

6.3 Property Implications

6.3.1 Whilst there would appear to be no direct property implications the measures proposed make a positive contribution and enhancement to the environment, safety, on foot and cycle, and helps towards reducing pollution.

6.3.2 The measures proposed help in the mitigation of both flood risk and the Councils corporate landlord liabilities.

7. KEY RISKS

The following key risks relate to not implementing the project:

- Loss of opportunity to reduce flood risk downstream and compliance with an action in Enfield's Local Flood Risk Management Strategy
- Loss of attraction of up to £250k of external funding to Enfield
- Loss of opportunity for public realm improvements
- Loss of opportunity to increase biodiversity and wildlife habitat
- Loss of opportunity to cooperate with the local community

8. INTERNAL DEPARTMENT IMPLICATIONS/CONSULTATION

The proposals have been reviewed by officers in Traffic and Transportation to ensure that the designs are appropriate from a traffic perspective. They have also been discussed with officers in Highway Services to ensure that they do not create an unacceptable maintenance liability in the future. The final designs will be reviewed and approved by these relevant officers prior to implementation.

9. IMPACT ON COUNCIL PRIORITIES – CREATING A LIFETIME OF OPPORTUNITIES IN ENFIELD

9.1 Good homes in well-connected neighbourhoods

By reducing flood risk, improving the public realm and improving infrastructure for walking and cycling this project contributes to the aim of creating good homes in well-connected neighbourhoods.

9.2 Sustain strong and healthy communities

This project has potential to significantly improve the green environment in the Haselbury area. Making it easier for residents to walk and cycle improves quality of life and supports independent living. Additionally, increased walking and cycling can lead to increased passive surveillance with associated community safety benefits. Reducing flood risk and pollution also helps to sustain strong and healthy communities.

9.3 Build our local economy to create a thriving place

Improving infrastructure for walking and cycling encourages residents to use local businesses and supports the local economy.

10. EQUALITIES IMPACT IMPLICATIONS

Corporate advice has been sought in regard to equalities and it is recommended that an equalities impact assessment be completed at an appropriate stage in the delivery of the project to ensure that the final agreed proposal remains fully accessible by all members of the community and supports the council to meet the Public-Sector Duty of the Equality Act 2010. It should also be noted that the any contracts awarded should include a duty on the successful applicant to assist us with meeting our obligations under the Equalities Act 2010.

11. PERFORMANCE AND DATA IMPLICATIONS

The implementation of the scheme will satisfy actions derived from the Local Flood Risk Management Strategy by reducing surface water runoff rates (Objective 4) and helping to protect existing properties from flooding (Objective 5).

12. HEALTH AND SAFETY IMPLICATIONS

The scheme will be designed in accordance with the Construction Design and Management Regulations 2015, and industry good-practice standards, to be safe for members of the public.

13. PUBLIC HEALTH IMPLICATIONS

- 13.1 These improvements to the environment will reduce risk of flooding, improve the environment and encourage residents to visit Firs Farm and Pymmes Park Wetlands, and encourage local residents and school pupils to walk thereby increasing the physical activity on offer in Enfield.
- 13.2 It has been estimated that if England achieved the same level of cycling as Holland it would save the NHS £17 billion per year (excluding savings from reduced air pollution).
- 13.3 This is in addition to the less tangible but still significant public health gains that will be accrued through maintaining and increasing green infrastructure.

Background Papers

None



What is a rain garden?

Rain gardens are a type of sustainable drainage feature (sometimes known as "SuDS") which mimic natural drainage. They help store water and release it slowly into the drainage system and surrounding soil helping to reduce flood risk and pollution. The plants increase biodiversity and help to improve air quality.

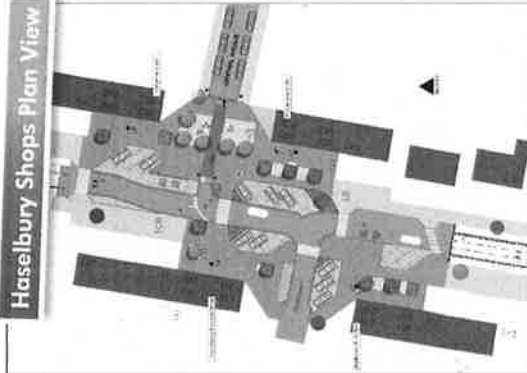


Illustration of Haselbury Shops proposal



Please visit the Council website www.enfield.gov.uk/consultations where you can view details of the design changes that we have made following our initial engagement earlier this year.

You can also view the plans, draft traffic orders and make representations to the latest proposals online.

The consultation period ends on Sunday 7 October 2018.

We will consider any representations received before deciding to make the relevant traffic orders and starting construction on street.

#BetterEnfield

@cycleenfield / @EnfieldSuDS



A better Enfield for everyone!

Haselbury Neighbourhood

Improvements

STATUTORY CONSULTATION

Earlier this year we engaged with the community on a number of ideas to help more people to walk and cycle and also to enhance our community spaces, making Haselbury a better place to live. We have listened to your views on the initial designs and this has helped us in finalising the proposals which we are now presenting for statutory consultation.

This leaflet marks the beginning of the consultation period in which members of the public have an opportunity to make representations on the proposals until Sunday 7 October 2018.

Moore Brook Green Walking Link

The Moore Brook, a tributary of Pymmes Brook, is one of London's last rivers that flows beneath Haselbury's streets. We're introducing rain gardens so you can follow the route of the river between Firs Farm Wetlands and Pymmes Park Wetlands where it peeks above ground.



Quietway cycle route

As part of our aim to get more people cycling, the Quietways help form a network of improved cycle routes across Enfield, linking destinations through low traffic streets and off road paths. The routes planned for Haselbury will enable safer cycle journeys to Enfield Town, North Middlesex Hospital, Winchmore Hill, Edmonton Green and Ponders End.



Haselbury Shops new public realm

Looking again at how we use our local spaces and amenities to make our local shops a better place to visit and do business.



Check the back of this leaflet for information on how to send us your representations and where to view the proposals in more detail.

www.enfield.gov.uk/consultations



A better Enfield for everyone!

STATUTORY CONSULTATION

Haselbury Neighbourhood Improvements

See below the locations where we are proposing improvements. You can follow the link to our website where detailed drawings are available to download. For information on how to make representations please see back sheet.

You have
until Sunday 7
October to view
the detailed plans
online and to make
representations



1 OUTSIDE LATYMER SCHOOL
New informal crossing, rain gardens and bus parking places.

2 HASELBURY SHOPS AREA
New public realm, increased footway areas, new paving, new parking arrangement. Trial closure of Central Avenue to motor vehicles. New rain gardens, seating areas and bus shelters.

3 HASELBURY ROAD
Improved zebra crossing and rain gardens outside school.

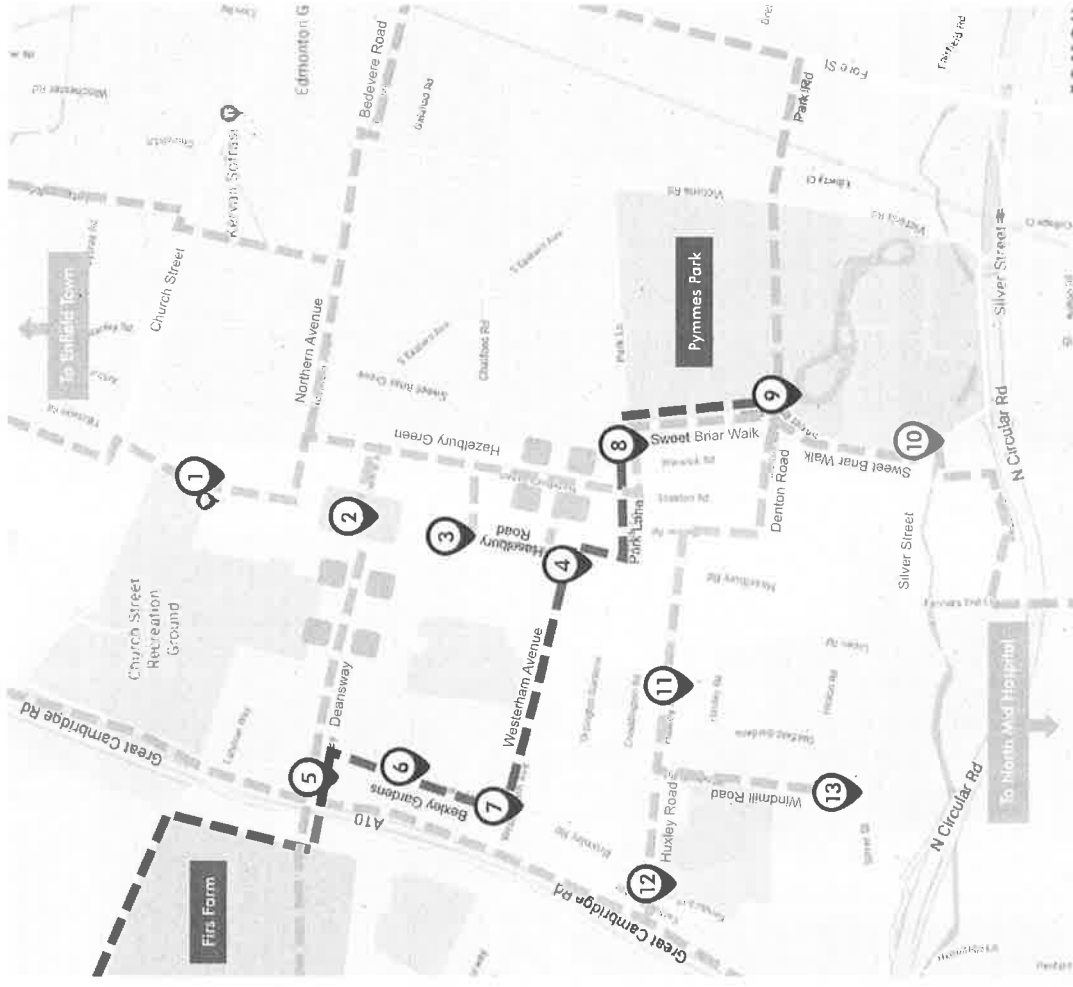
4 HAZELBURY SCHOOL
Increased footway area outside school and new rain gardens.

5 DEANSWAY
New rain gardens and parking restrictions.

6 BEXLEY GARDENS
New accessible ramp to replace steps. Street art opportunities, rain gardens and new parking restrictions.

7 WESTERHAM AVENUE
New rain gardens, parking arrangement and paving. New 20mph speed limit.

8 PARK LANE
New landscaping and rain gardens on Park Lane Gardens and point no-entry at access road for motor vehicles from Sweet Briar Walk.



9 SWEET BRIAR WALK
New informal crossing for cyclists and footway build out with improved entrance to Pymmes Park.

10 SILVER STREET
New zebra parallel crossing for pedestrians and cyclists.

11 HUXLEY ROAD
Speed hump and traffic calming on long straight section of road.

12 KENDAL AVENUE
Remove section of fence, new double yellow lines and new shared use footway to enable access to A10 cycle track.

13 WINDMILL ROAD
Right turn pocket for cyclists and parking restrictions to enable safer movement for cyclists in to school.

- Moore Brook Green Walking Link
- Quietway cycle route
- Pocket Park improvements
- Other walking/cycling route

BetterEnfield

@cycleenfield / @EnfieldSuDS

www.enfield.gov.uk/consultations

DETAILED DRAWINGS
AVAILABLE TO DOWNLOAD

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4. ALL LEVELS ARE IN METRES AND RELATED TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

- UNCONTROLLED PARKING ZONE
PROPOSED RAIN GARDENS
PROPOSED DOUBLE YELLOW LINES
EXISTING DOUBLE YELLOW LINES

[illegible]

CONSULTATION

CLIENT

**LONDON BOROUGH
OF ENFIELD**

JOB TITLE

**MOORE BROOK
GREEN LINK**

DRAFTING TITLE

DEANSWAY



Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY

Tel: 020 8379 1000
www.enfield.gov.uk

DESIGNED->	DRAWN->	DATE->
JK	MG	13/08/2018
SCALE->	PLOT SCALE->	CHECKED->
1:250	1:1	IR
DRAWING NO.		LBE 143 - 001

DRAWING NO. LBE 143 - 001

100mm NATURAL SCALE

50

20

10

9

10

1

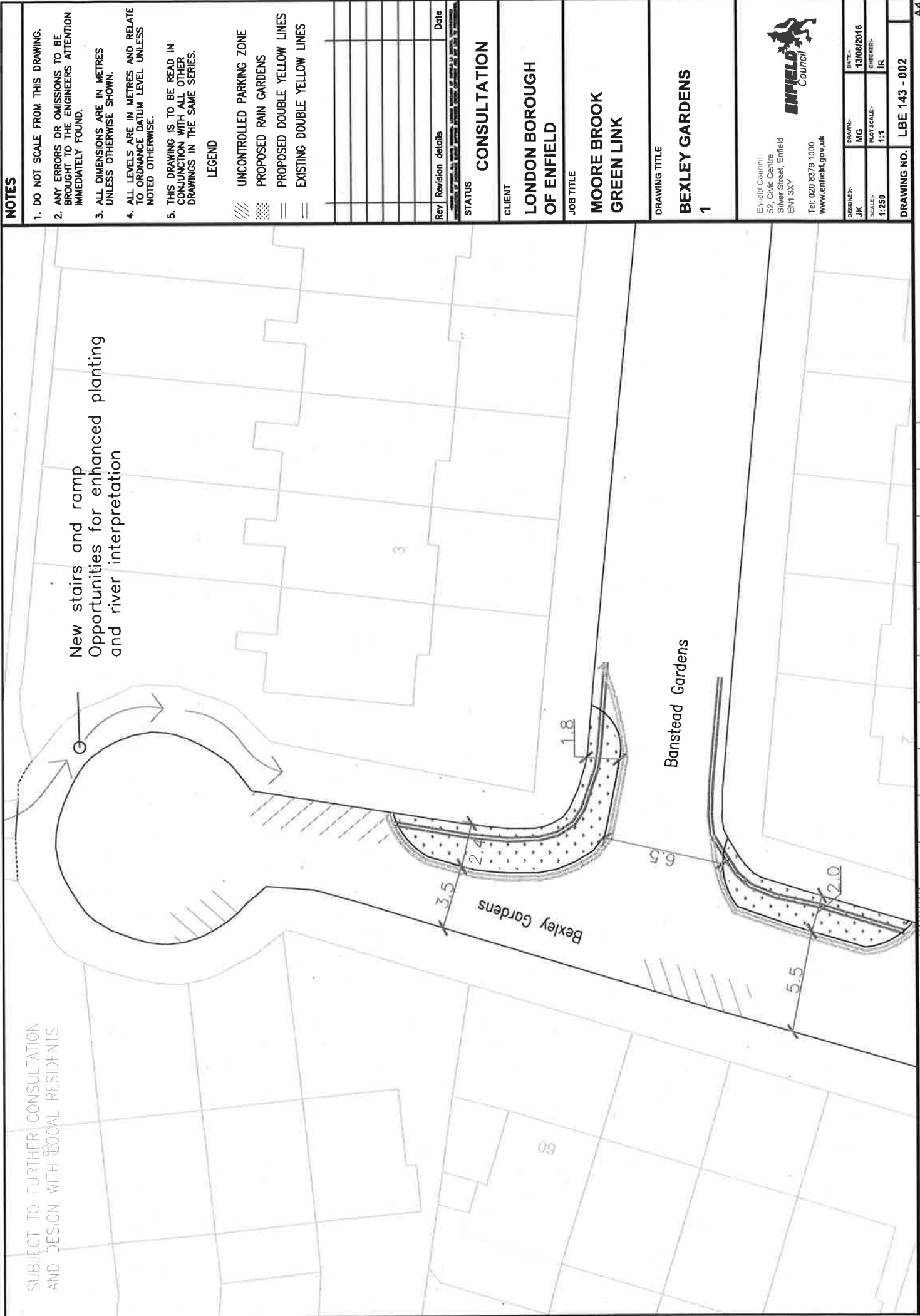
1

1

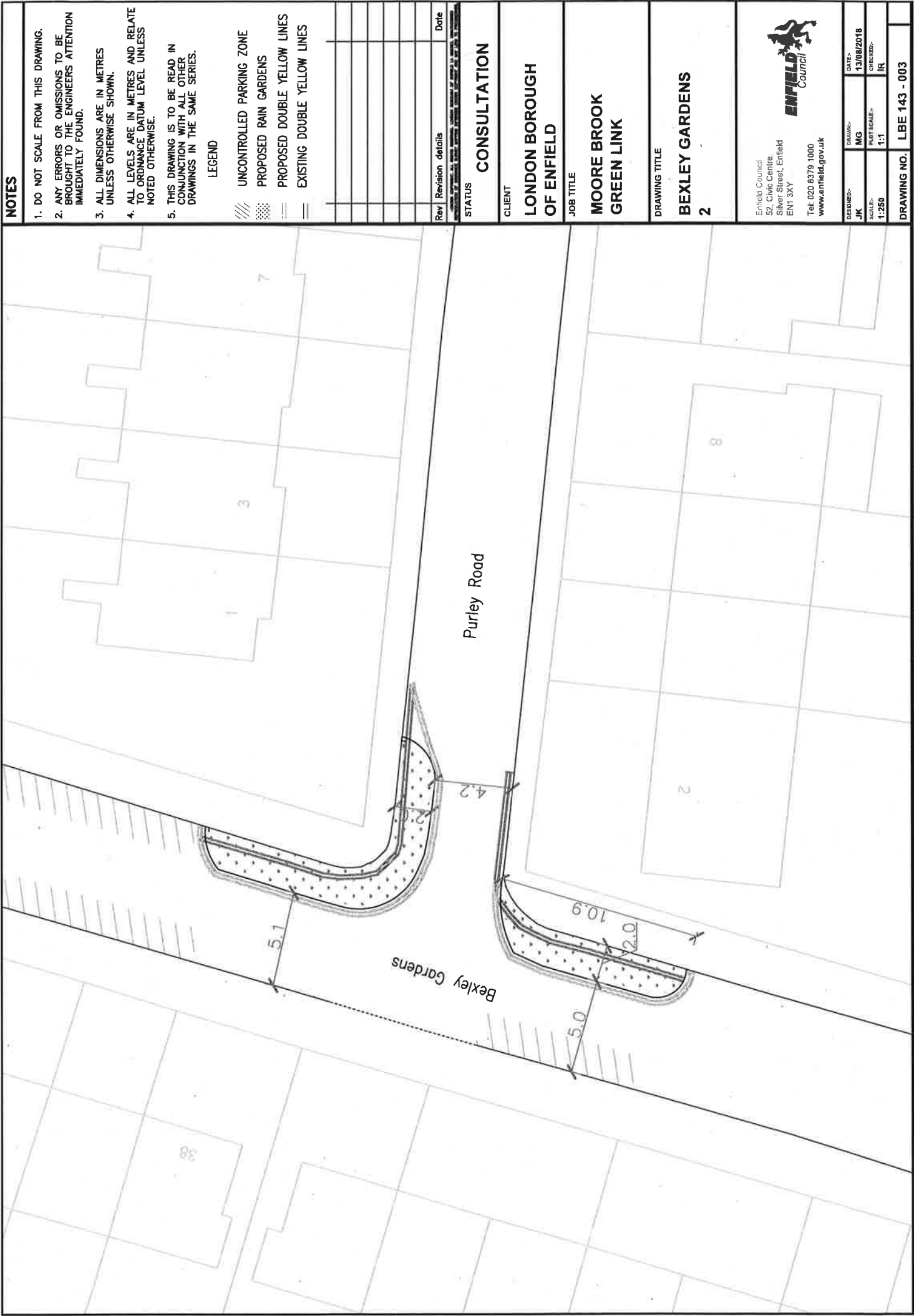
1

1

1



NOTES	
1.	DO NOT SCALE FROM THIS DRAWING.
2.	ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
3.	ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4.	ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
5.	THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.
LEGEND	
	UNCONTROLLED PARKING ZONE
	PROPOSED RAIN GARDENS
	PROPOSED DOUBLE YELLOW LINES
	EXISTING DOUBLE YELLOW LINES
STATUS	
Rev	Revision details
Date	Date
CONSULTATION	
CLIENT	
LONDON BOROUGH OF ENFIELD	
JOB TITLE	
MOORE BROOK GREEN LINK	
DRAWING TITLE	
BEXLEY GARDENS	
1	
Enfield Council 52 Civic Centre Silver Street, Enfield EN1 3XY Tel: 020 8378 1000 www.enfield.gov.uk	
DRAWN:-	DATE:-
JK	MG
SCALE:-	PROJECT SCALE:-
1:250	1:1
DRAWING NO.	DRAWN BY:-
LBE 143 - 002	IR



NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.

LEGEND

- UNCONTROLLED PARKING ZONE
PROPOSED RAIN GARDENS
PROPOSED DOUBLE YELLOW LINES
EXISTING DOUBLE YELLOW LINES

[illegible]

CONSULTATION

CLIENT

**LONDON BOROUGH
OF ENFIELD**

NAME	DATE	JOB TITLE
Mr. J. M. Smith	10/15/2023	Software Engineer
Ms. A. B. Jones	10/16/2023	Product Manager
Mr. C. D. Brown	10/17/2023	Marketing Specialist
Ms. E. F. Green	10/18/2023	Operations Manager
Mr. G. H. Black	10/19/2023	Finance Analyst
Ms. I. J. White	10/20/2023	Human Resources
Mr. K. L. Gray	10/21/2023	Quality Assurance
Ms. M. N. Blue	10/22/2023	Systems Administrator
Mr. O. P. Red	10/23/2023	Business Development
Ms. Q. R. Yellow	10/24/2023	Customer Support
Mr. S. T. Purple	10/25/2023	Project Manager
Ms. U. V. Orange	10/26/2023	UX Designer
Mr. W. X. Green	10/27/2023	DevOps Engineer
Ms. Y. Z. Blue	10/28/2023	Business Analyst
Mr. A. B. Red	10/29/2023	Marketing Coordinator
Ms. C. D. Yellow	10/30/2023	Operations Coordinator
Mr. E. F. Purple	10/31/2023	Finance Coordinator
Ms. G. H. Orange	11/01/2023	Human Resources Coordinator
Mr. I. J. Green	11/02/2023	Quality Assurance Coordinator
Ms. K. L. Blue	11/03/2023	Systems Administrator
Mr. M. N. Red	11/04/2023	Business Development
Ms. O. P. Yellow	11/05/2023	Customer Support
Mr. Q. R. Purple	11/06/2023	Project Manager
Ms. S. T. Orange	11/07/2023	UX Designer
Mr. U. V. Green	11/08/2023	DevOps Engineer
Ms. W. X. Blue	11/09/2023	Business Analyst
Mr. Y. Z. Red	11/10/2023	Marketing Coordinator
Ms. A. B. Yellow	11/11/2023	Operations Coordinator
Mr. C. D. Purple	11/12/2023	Finance Coordinator
Ms. E. F. Orange	11/13/2023	Human Resources Coordinator
Mr. G. H. Green	11/14/2023	Quality Assurance Coordinator
Ms. I. J. Blue	11/15/2023	Systems Administrator
Mr. K. L. Red	11/16/2023	Business Development
Ms. M. N. Yellow	11/17/2023	Customer Support
Mr. O. P. Purple	11/18/2023	Project Manager
Ms. Q. R. Orange	11/19/2023	UX Designer
Mr. S. T. Green	11/20/2023	DevOps Engineer
Ms. U. V. Blue	11/21/2023	Business Analyst
Mr. W. X. Red	11/22/2023	Marketing Coordinator
Ms. Y. Z. Yellow	11/23/2023	Operations Coordinator
Mr. A. B. Purple	11/24/2023	Finance Coordinator
Ms. C. D. Orange	11/25/2023	Human Resources Coordinator
Mr. E. F. Green	11/26/2023	Quality Assurance Coordinator
Ms. G. H. Blue	11/27/2023	Systems Administrator
Mr. I. J. Red	11/28/2023	Business Development
Ms. K. L. Yellow	11/29/2023	Customer Support
Mr. M. N. Purple	11/30/2023	Project Manager
Ms. O. P. Orange	12/01/2023	UX Designer
Mr. Q. R. Green	12/02/2023	DevOps Engineer
Ms. S. T. Blue	12/03/2023	Business Analyst
Mr. U. V. Red	12/04/2023	Marketing Coordinator
Ms. W. X. Yellow	12/05/2023	Operations Coordinator
Mr. Y. Z. Purple	12/06/2023	Finance Coordinator
Ms. A. B. Orange	12/07/2023	Human Resources Coordinator
Mr. C. D. Green	12/08/2023	Quality Assurance Coordinator
Ms. E. F. Blue	12/09/2023	Systems Administrator
Mr. G. H. Red	12/10/2023	Business Development
Ms. I. J. Yellow	12/11/2023	Customer Support
Mr. K. L. Purple	12/12/2023	Project Manager
Ms. M. N. Orange	12/13/2023	UX Designer
Mr. O. P. Green	12/14/2023	DevOps Engineer
Ms. Q. R. Blue	12/15/2023	Business Analyst
Mr. S. T. Red	12/16/2023	Marketing Coordinator
Ms. U. V. Yellow	12/17/2023	Operations Coordinator
Mr. W. X. Purple	12/18/2023	Finance Coordinator
Ms. Y. Z. Orange	12/19/2023	Human Resources Coordinator
Mr. A. B. Green	12/20/2023	Quality Assurance Coordinator
Ms. C. D. Blue	12/21/2023	Systems Administrator
Mr. E. F. Red	12/22/2023	Business Development
Ms. G. H. Yellow	12/23/2023	Customer Support
Mr. I. J. Purple	12/24/2023	Project Manager
Ms. K. L. Orange	12/25/2023	UX Designer
Mr. M. N. Green	12/26/2023	DevOps Engineer
Ms. O. P. Blue	12/27/2023	Business Analyst
Mr. Q. R. Red	12/28/2023	Marketing Coordinator
Ms. S. T. Yellow	12/29/2023	Operations Coordinator
Mr. U. V. Purple	12/30/2023	Finance Coordinator
Ms. W. X. Orange	12/31/2023	Human Resources Coordinator
Mr. Y. Z. Green	1/01/2024	Quality Assurance Coordinator
Ms. A. B. Blue	1/02/2024	Systems Administrator
Mr. C. D. Red	1/03/2024	Business Development
Ms. E. F. Yellow	1/04/2024	Customer Support
Mr. G. H. Purple	1/05/2024	Project Manager
Ms. I. J. Orange	1/06/2024	UX Designer
Mr. K. L. Green	1/07/2024	DevOps Engineer
Ms. M. N. Blue	1/08/2024	Business Analyst
Mr. O. P. Red	1/09/2024	Marketing Coordinator
Ms. Q. R. Yellow	1/10/2024	Operations Coordinator
Mr. S. T. Purple	1/11/2024	Finance Coordinator
Ms. U. V. Orange	1/12/2024	Human Resources Coordinator
Mr. W. X. Green	1/13/2024	Quality Assurance Coordinator
Ms. Y. Z. Blue	1/14/2024	Systems Administrator

**MOORE BROOK
GREEN LINK**

DRAWING TITLE

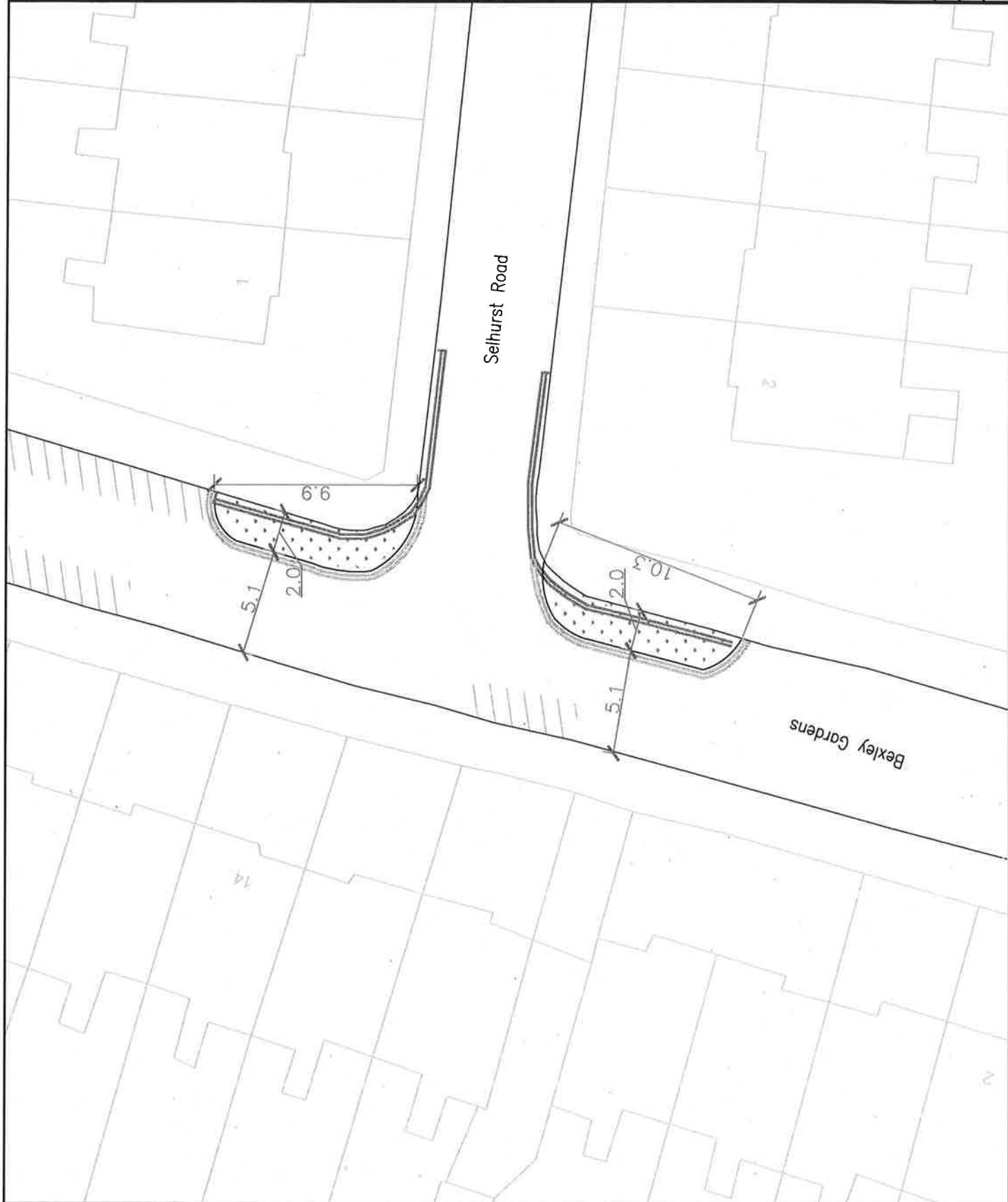
BEXLEY GARDENS 3

Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY

Tel: 020 8379 1000
www.enfield.gov.uk



DESIGNED:-	DRAWN:-	DATE:-
JK	MG	13/08/2018
SCALE:-	PLOT SCALE:-	CHECKED:-
1:250	1:1	IR
DRAWING NO. LBE 143 - 004		



100mm NATURAL SCALE

A4

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY FOUND.
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4. ALL LEVELS ARE IN METRES AND RELATED TO ORIGINANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

- UNCONTROLLED PARKING ZONE
PROPOSED RAIN GARDENS
PROPOSED DOUBLE YELLOW LINES
EXISTING DOUBLE YELLOW LINES

STATUS

CONSULTATION

CLIENT

**LONDON BOROUGH
OF ENFIELD**

JOB TITLE

**MOORE BROOK
GREEN LINK**

DRAWING TITLE

BECKENHAM GARDENS

Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY
Tel: 020 8379 1000
www.enfield.gov.uk



ISSUED	DRAWN	DATE
JK	MG	13/08/2018
SCALE	PLOT SCALE	CHECKED
1:250	1:1	IR
DRAWING NO.		LBE 143 - 005

LBE 143 - 005

100mm NATURAL SCALE

50

20

1

0

0

1

1

1

1

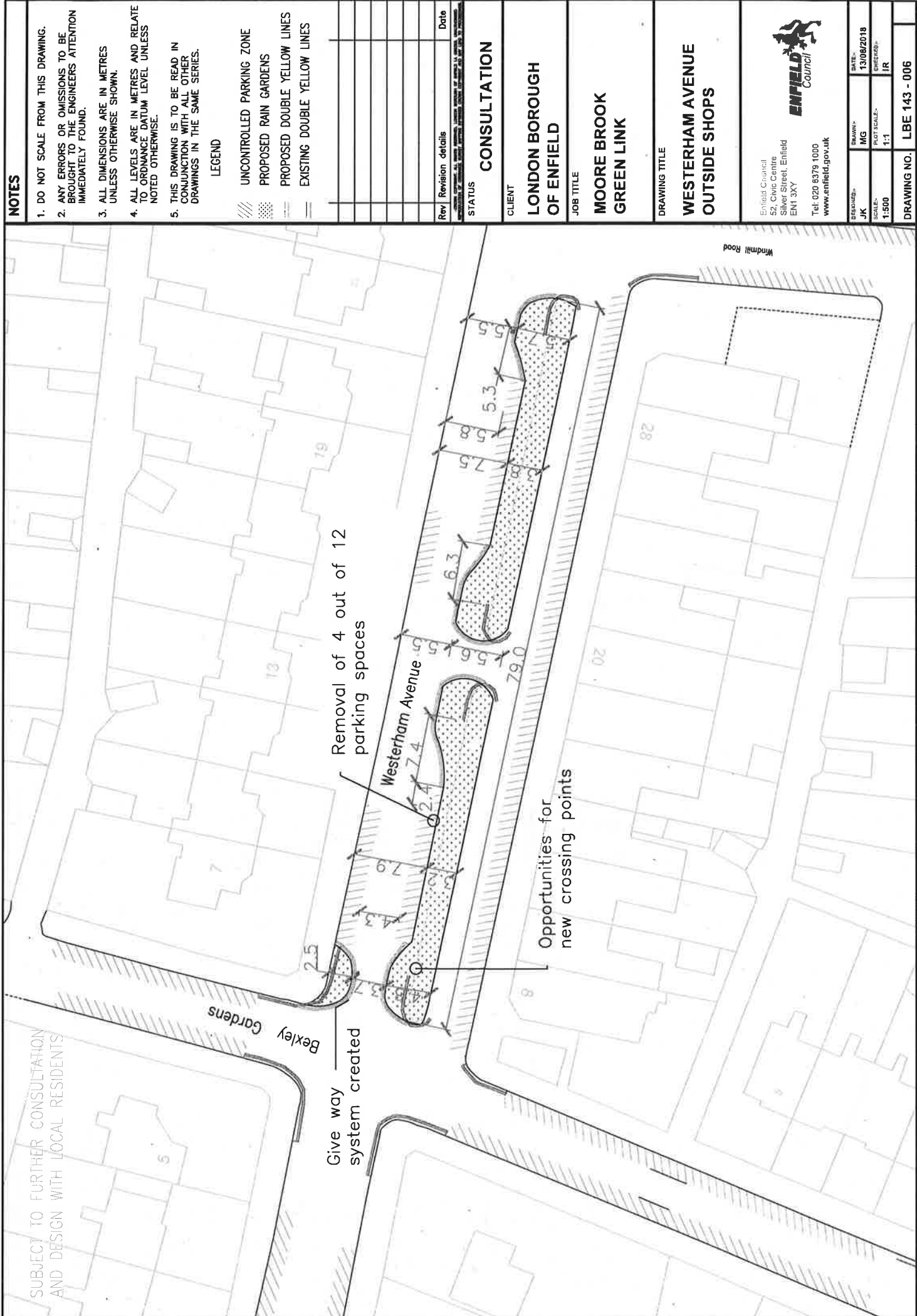
1

1

1

1

1



NOTES

- 1. DO NOT SCALE FROM THIS DRAWING.
- 2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
- 3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
- 4. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
- 5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

- UNCONTROLLED PARKING ZONE
- PROPOSED RAIN GARDENS
- PROPOSED DOUBLE YELLOW LINES
- EXISTING DOUBLE YELLOW LINES

Rev	Revision details	Date

CONSULTATION

CLIENT
LONDON BOROUGH OF ENFIELD

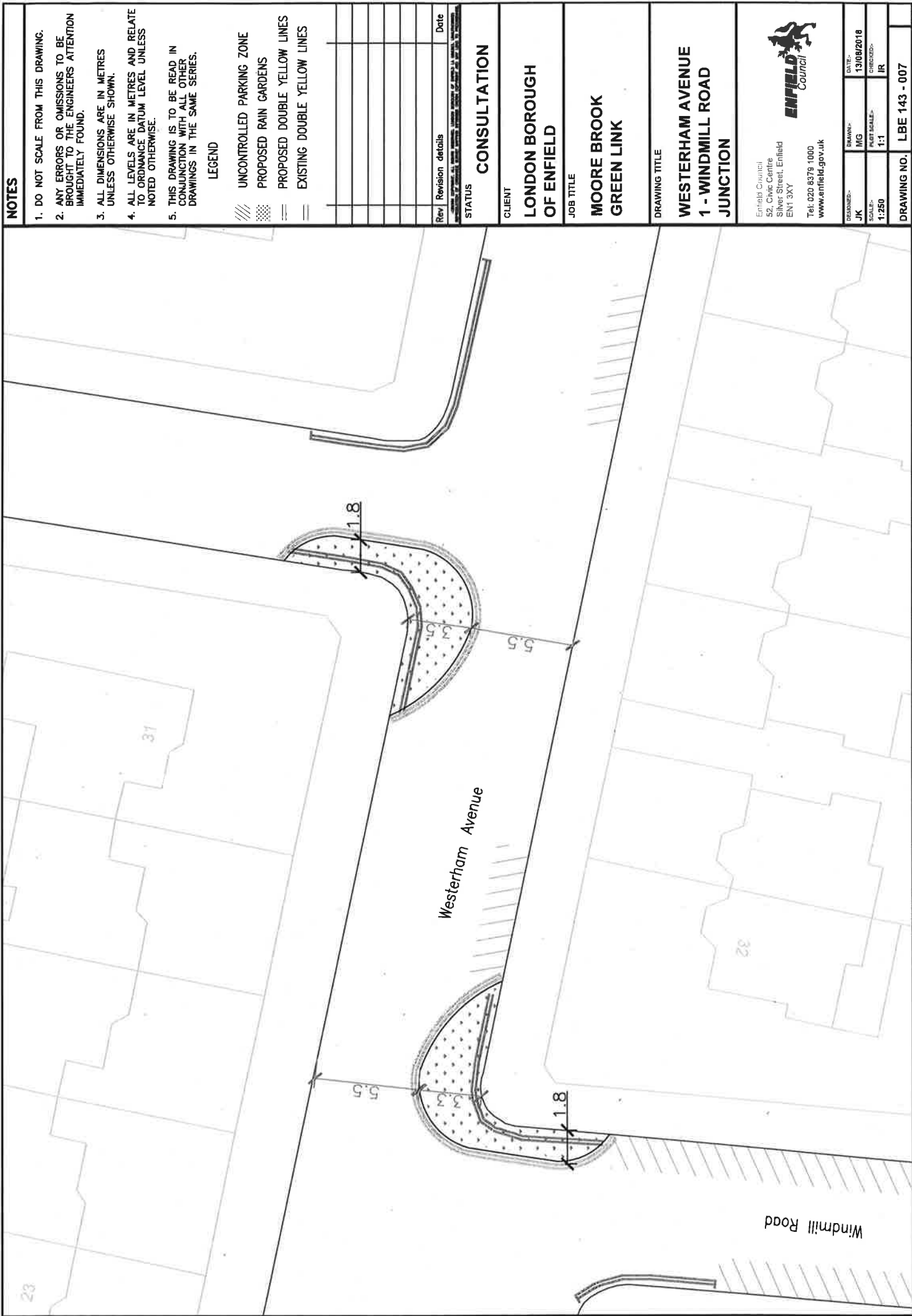
JOB TITLE
MOORE BROOK GREEN LINK

DRAWING TITLE
WESTERHAM AVENUE OUTSIDE SHOPS

Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY
Tel: 020 8379 1000
www.enfield.gov.uk



DESIGNED BY JK	DRAWN BY MG	DATE 13/08/2018
SCALE 1:500	PLOT SCALE 1:1	SHEET NO. 1R
DRAWING NO. LBE 143 - 006		



NOTES

1. DO NOT SCALE FROM THIS DRAWING.

2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.

3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.

4. ALL LEVELS ARE IN METRES AND RELATE TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.

5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

UNCONTROLLED PARKING ZONE

PROPOSED RAIN GARDENS

PROPOSED DOUBLE YELLOW LINES

EXISTING DOUBLE YELLOW LINES

Rev

Revision details

Date

STATUS

CONSULTATION

CLIENT

LONDON BOROUGH OF ENFIELD


JOB TITLE

MOORE BROOK GREEN LINK

DRAWING TITLE

WESTERHAM AVENUE
1 - WINDMILL ROAD JUNCTION

Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY
Tel: 020 8379 1000
www.enfield.gov.uk



DESIGNED:- JK

DRAWN:- MG

SCALE:- 1:250

DATE:- 13/08/2018

CHECKED:- IR

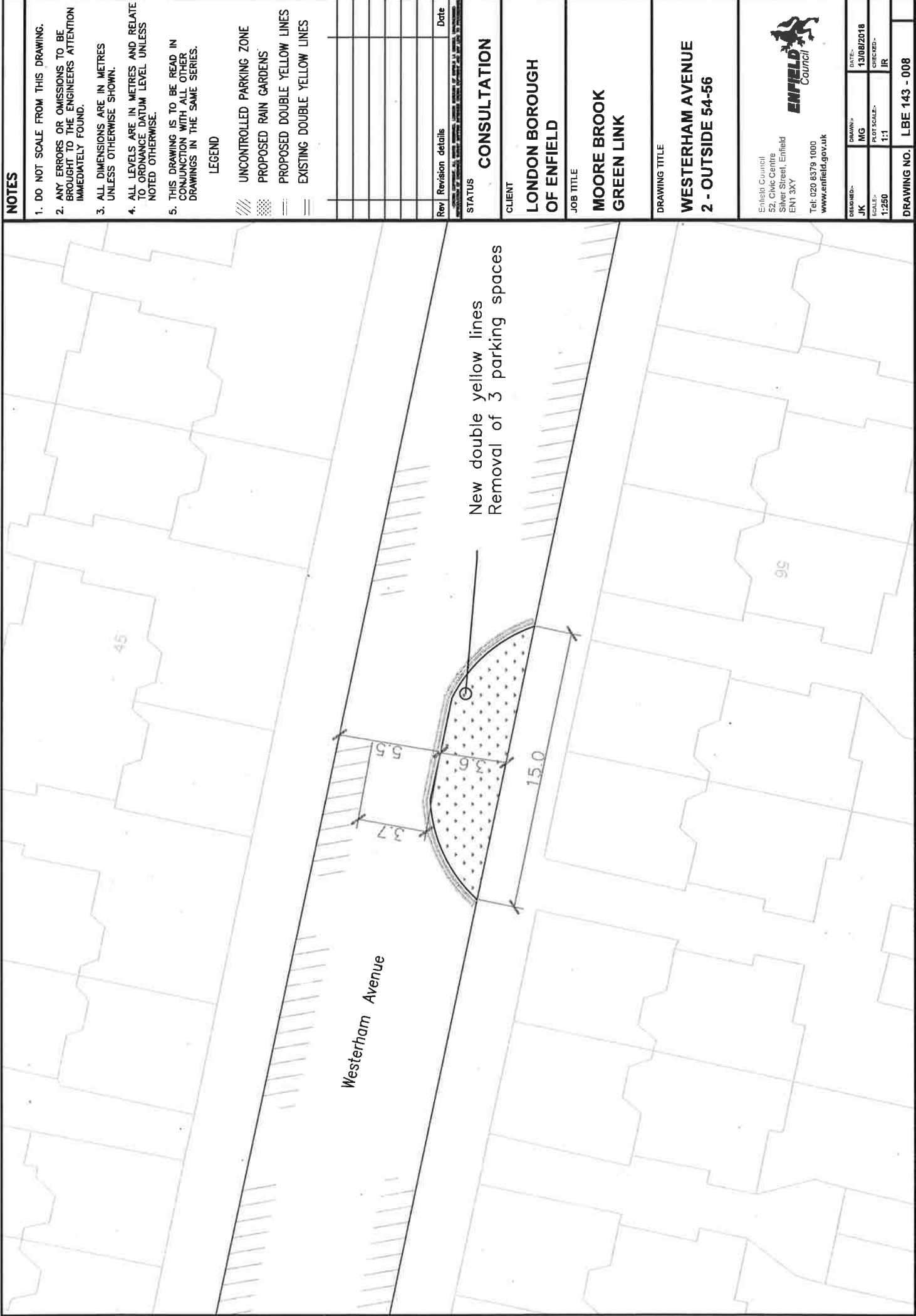
DRAWING NO.

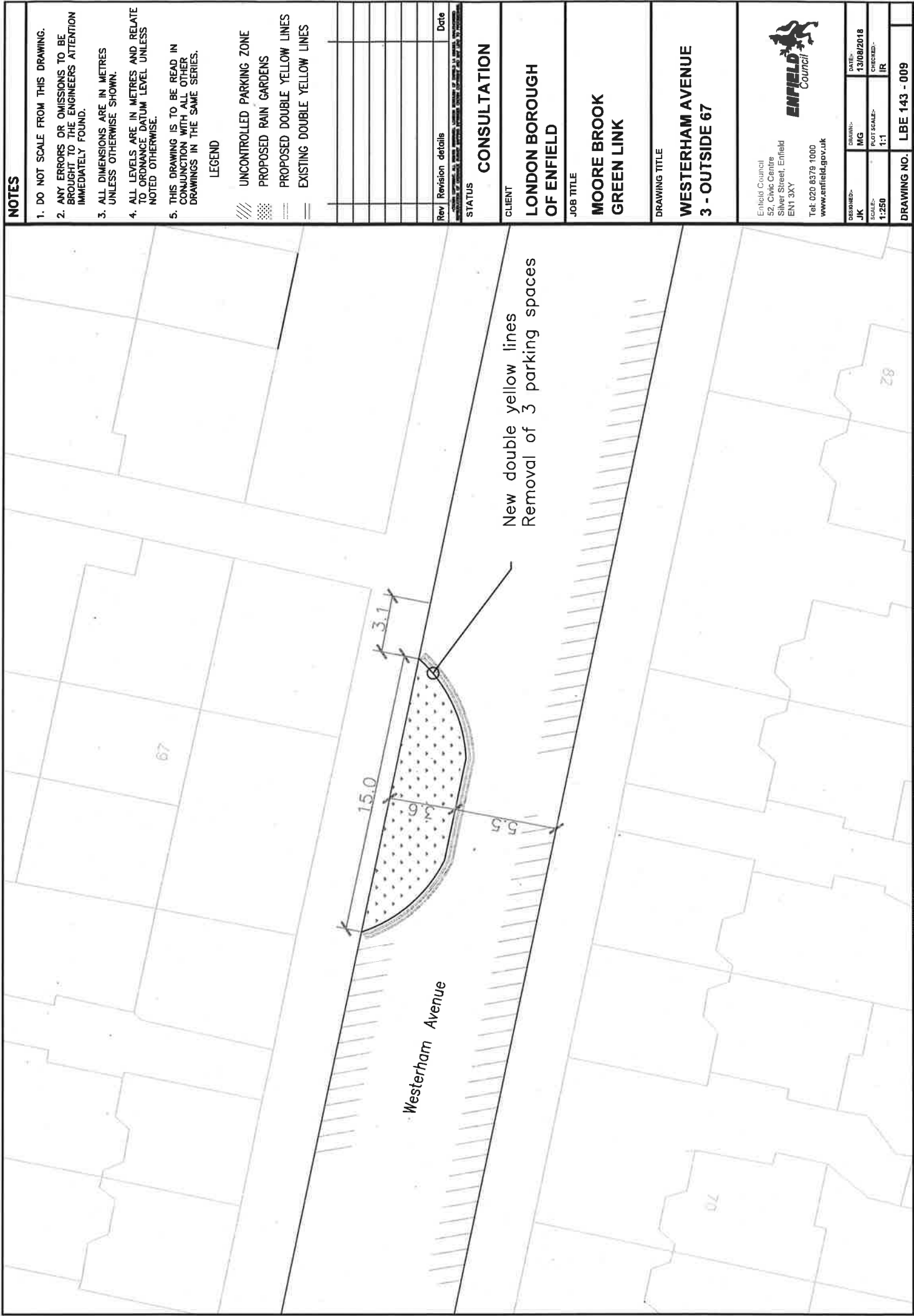
LBE 143 - 007

100mm

NATURAL SCALE

A4





NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4. ALL LEVELS ARE IN METRES AND RELATED TO ORDNANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

- UNCONTROLLED PARKING ZONE
PROPOSED RAIN GARDENS
PROPOSED DOUBLE YELLOW LINES
EXISTING DOUBLE YELLOW LINES

[illegible]

CONSULTATION

CLIENT

**LONDON BOROUGH
OF ENFIELD**

JOB TITLE

**MOORE BROOK
GREEN LINK**

DRAWING TITLE

**WESTERHAM AVENUE 4
ORPINGTON GARDENS
JUNCTION**



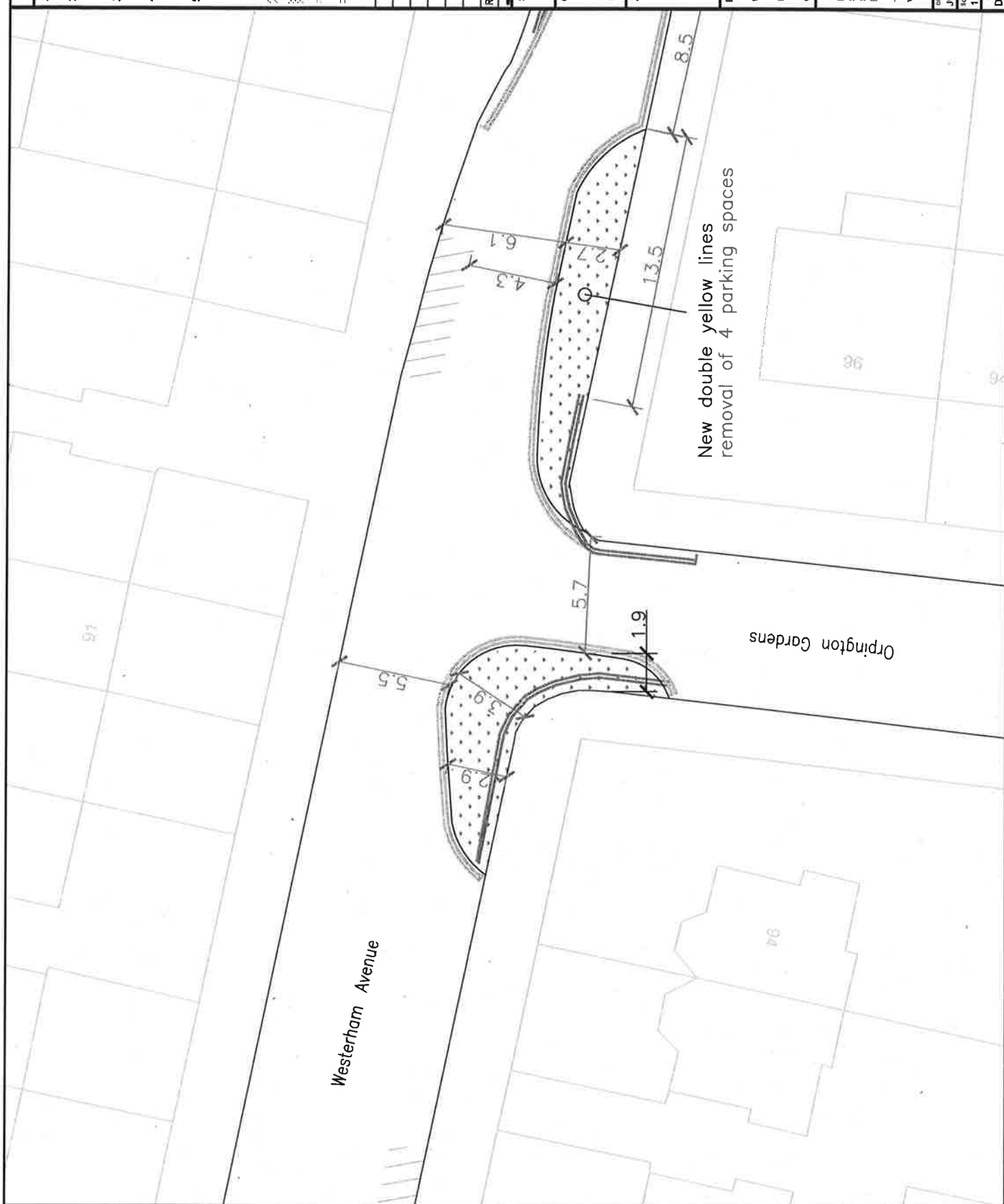
Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY

Tel: 020 8379 1000
www.anfield.gov.uk

DESIGNED:-	DRAWN:-	DATE:-
K	MG	13/08/2018
SCALE:-	PLOTT SCALE:-	CHECKED:-
2:50	1:1	IR
DRAWING NO.		LBE 143 - 010

DRAWING NO. LBE 143 - 010

A4



100mm NATURAL SCALE

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ANY ERRORS OR OMISSIONS TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOUND.
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN.
4. ALL LEVELS ARE IN METRES AND RELATE TO ORDINANCE DATUM LEVEL UNLESS NOTED OTHERWISE.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SAME SERIES.

LEGEND

- UNCONTROLLED PARKING ZONE
PROPOSED RAIN GARDENS
PROPOSED DOUBLE YELLOW LINES
EXISTING DOUBLE YELLOW LINES

[illegible]

CONSULTATION

CLIENT
LONDON BOROUGH
OF ENFIELD

JOB TITLE
MOORE BROOK
GREEN LINK

DRAWING TITLE
HAZELBURY SCHOOL
ENTRANCE
WESTERHAM AVENUE

Enfield Council
52, Civic Centre
Silver Street, Enfield
EN1 3XY


ENFIELD
Council

Tel: 020 8379 1000
www.enfield.gov.uk

DESIGNED:-	DRAWN:-	DATE:-
JK	MG	13/08/2018
SCALE:-	PLOT SCALE:-	CHECKED:-
1:350	1:1	IR
DRAWING NO.		LBE 143 - 011



100mm	NATURAL SCALE	A4
-------	---------------	----

100mm NATURAL SCALE

London Strategic SuDS Pilot Study - Summary

Large numbers of Sustainable Drainage (SuDS) micro-projects are needed across urban areas to address flood risk and improve green infrastructure. This proposal focusses on opportunities to retrofit SuDS to existing public and private spaces, not delivering SuDS through new development which is addressed by planning policies.

Aims and Objectives

The overall aim of the proposal is to develop a business case for strategic delivery of SuDS across urban areas by diversifying funding streams and delivering multiple benefits.

This will be achieved by focussing on London to begin with and through taking the following approach:

1. Use hydraulic modelling to determine the flood risk management benefits of strategic dispersed SuDS solutions
2. Identify and evaluate the wider benefits of Green Infrastructure (GI) SuDS delivery across London (these include reduced pollution, enhanced amenity and biodiversity, and increased access to green spaces and opportunities for exercise)
3. Develop a long-term programme for SuDS implementation to facilitate alignment with other public works programmes (including regeneration, highway improvements, housing refurbishment and sewer works)
4. Deliver strategic SuDS measures in up to four pilot areas to demonstrate the feasibility and benefits of this approach

A further aim of the project is to consider if a simpler funding system can be developed for individual SuDS micro-projects that contribute to the overall strategy.

Background

The proposed pilot will contribute to emerging themes of the Thames RFCC's 25-year programme such as:

- catchment wide slow the flow – land management in rural areas and **sustainable drainage in settlements to hold back water**
- **integrated urban schemes**

Many areas of London are subject to significant surface water flood risk and would benefit from being included in this programme. Where space is lacking it is often the case that the only viable solution is to retrofit large numbers of small SuDS measures such as rain gardens, green roofs, permeable paving and SuDS tree pits – these measures are the urban equivalent of applying natural flood management techniques that are being promoted to reduce flood risk in rural areas.

Currently there is no mechanism for attracting Flood Defence Grant in Aid (FDGiA) or Thames RFCC Local Levy funding for these individual micro-projects because proposals are evaluated based on the number of properties protected from flooding. Because individual SuDS measures cannot deliver these benefits it is necessary to look at the overall impact of wide scale implementation of strategic SuDS. Additional funding streams can potentially be realised by prioritising GI SuDS and integrating SuDS measures with other public works programmes.

The project would be led by Enfield Council working closely with the London Drainage Engineering Group (LoDEG). It is proposed to select a small number of pilot areas including inner and outer London boroughs. Selection of the pilot

boroughs would be informed by the availability of suitable baseline hydraulic models and sufficient in-house project management resources. A steering group for the project would be formed with representation from the boroughs as well as the Environment Agency, Thames Water and other interested parties.

The proposal aims to build on existing SuDS projects in London to guide further work, strengthen the business case for SuDS and move closer to delivering SuDS measures on a wide scale across urban areas.

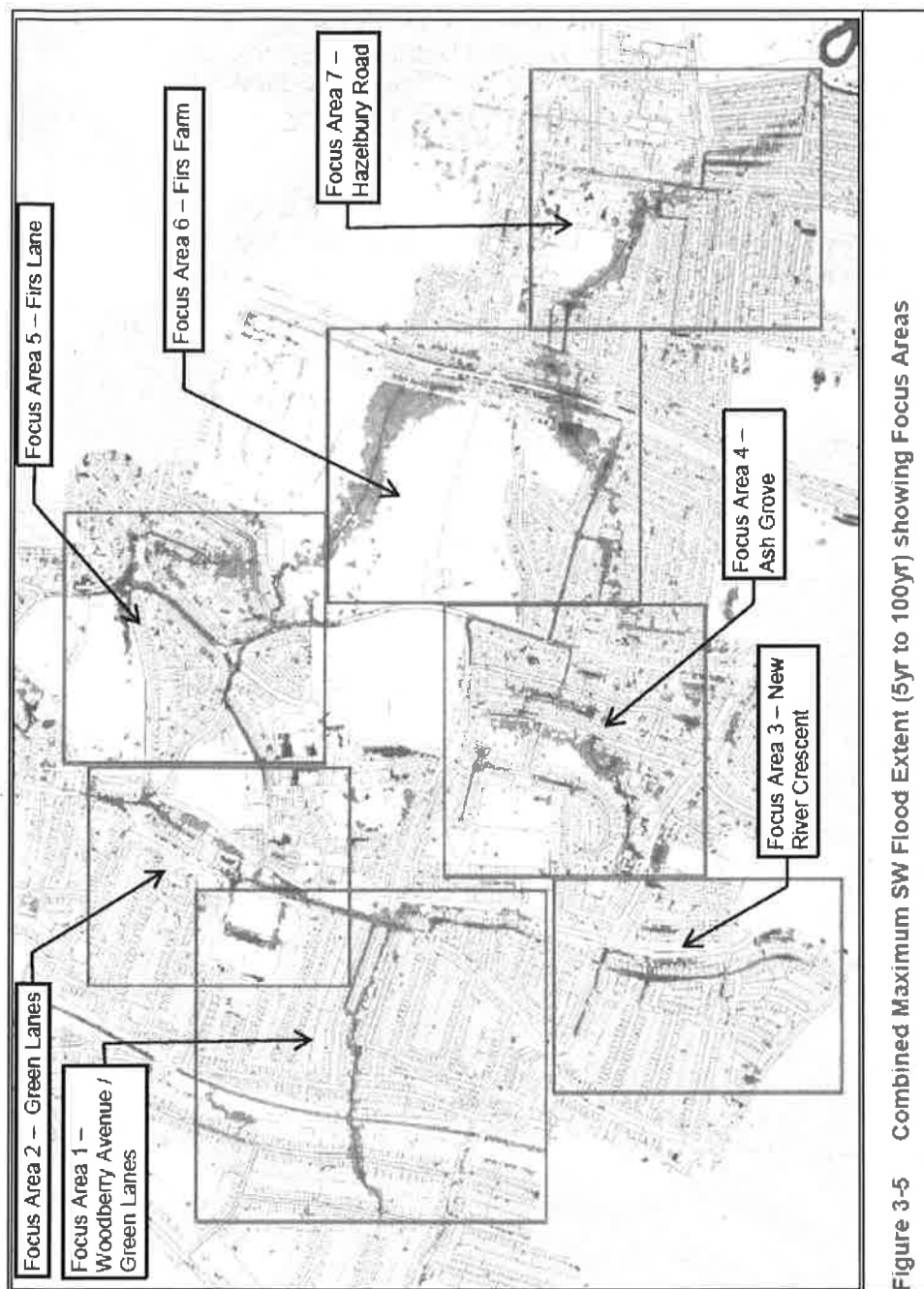


Figure 3-5 Combined Maximum SW Flood Extent (5yr to 100yr) showing Focus Areas

Moore Brook PAR

	Pre-MBFAS	Post-MBFAS	Change			
Low	639	555	84	LOW	0.0200	0.05%
Moderate	355	274	81	MODERATE	0.75 to 1.00	0.5 - 1.5%
Significant	134	92	42	SIGNIFICANT	1.00 to 1.75	1.5 - 5%
Very significant	29	28	1	VERY SIGNIFICANT	> 1.75	> 5%
TOTAL	1157	949	208			
M - S - VS	818	554	264			
SWMP comparison	393	properties for 1:100 (pre-MBFAS) hence				26% of SWMP estimate