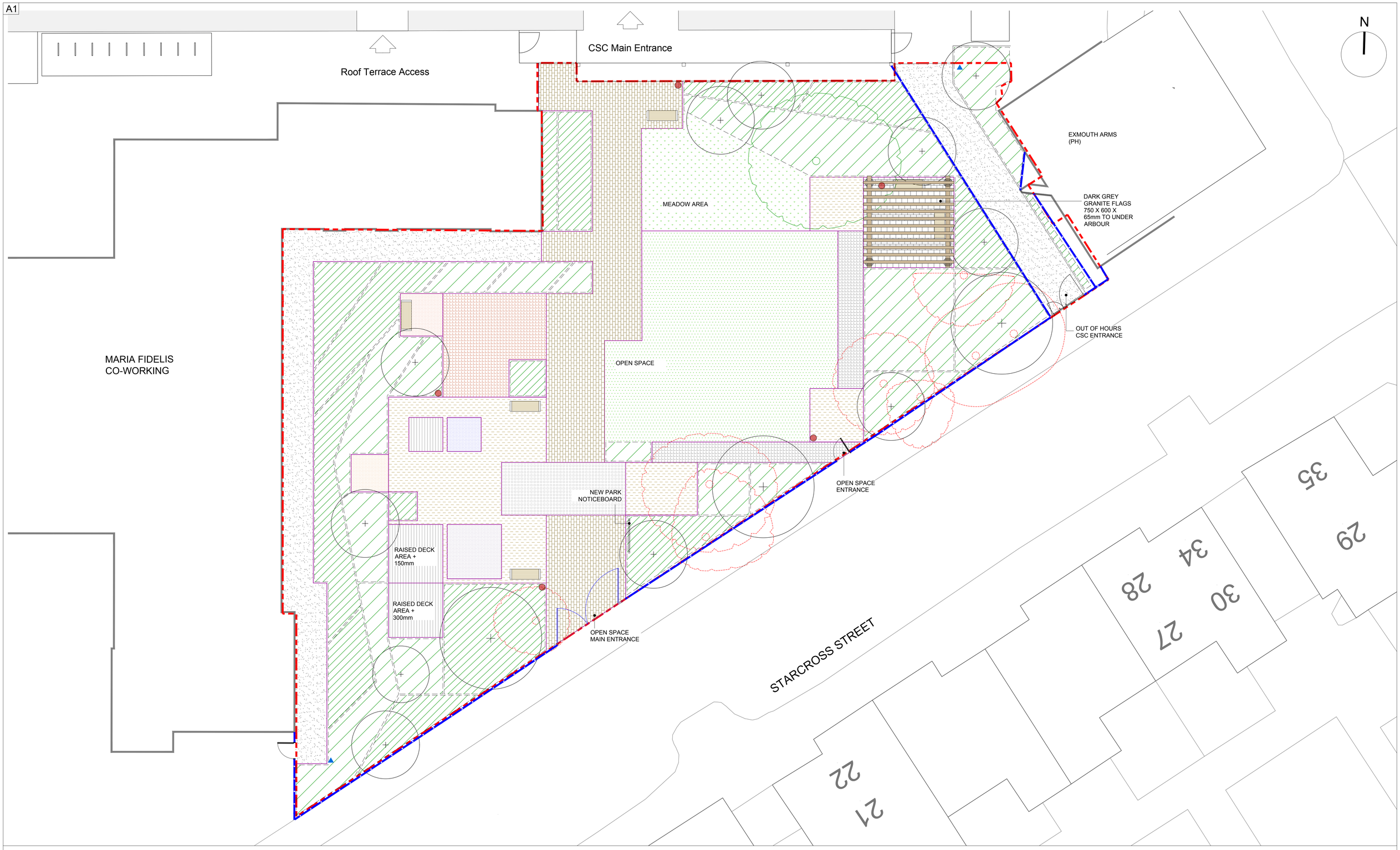
A1



HARDWORKS KEY (Refer to hardworks drawing)

- PRE-CAST CONCRETE PERMEABLE PAVING
- RED GRANITE COBBLE SETTS
- POROUS RUBBER SAFETY SURFACING
- METAL ALUMINIUM EDGING
- WATERING POINT
- LIGHT GREY GRANITE BLOCKS
- DARK GREY GRANITE FLAGS (Under arbour)
- PERMEABLE RESIN BOUND GRAVEL
- FENCELINE Reclaimed railings from St Jame's gardens, 1.8m height; with matching gates
- LITTER BINS (5 No.) Reclaimed & refurbished bins from LB Camden depot.
- DARK GREY GRANITE BLOCKS
- COMPOSITE DECKING
- STANDARD MACADAM
- ARBOUR Using reclaimed historic iron columns from Camden depot and hardwood slats to roof
- CONCRETE AND TIMBER BENCH 6 No. Reclaimed from Camden depot. Existing timber slats to be replaced before installation

SOFTWORKS KEY (Refer to Softworks drawing)

- PROPOSED HERBACEOUS/ MIXED PLANTING
- PROPOSED WILDFLOWER MEADOW
- TREES - EXISTING TO BE RETAINED
- SITE BOUNDARY
- PROPOSED HEDGES
- PROPOSED HARD WEARING LAWN
- TREES - EXISTING TO BE REMOVED
- PROPOSED STRUCTURAL AND EVERGREEN SHRUB PLANTING
- TREES - PROPOSED

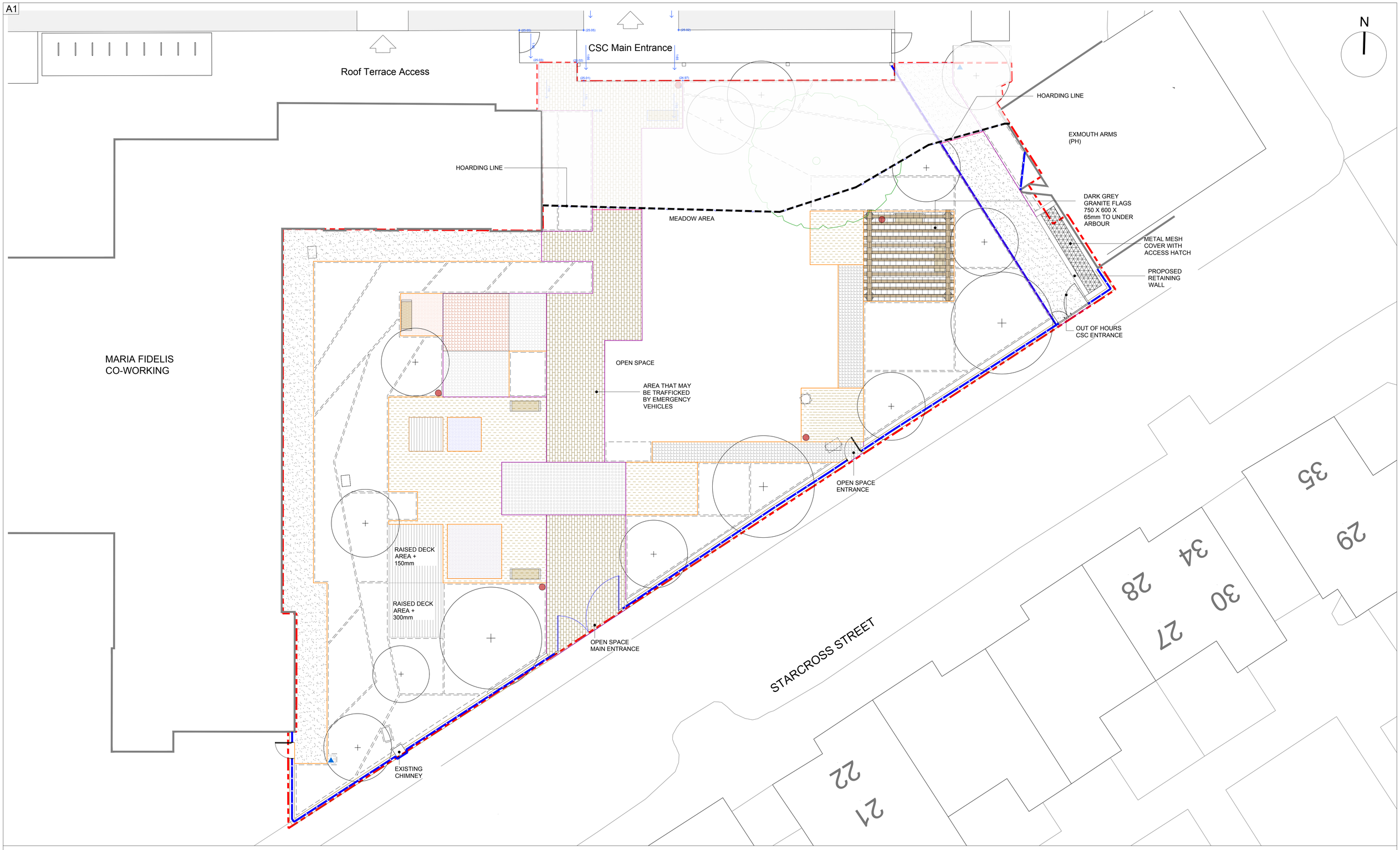
Revisions

Rev	Date	Description
P01	05.11.2021	General amendments following client comments
P02	17.11.2021	Metal edging added following client comments

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS- Community Open Space	Client	Camden BC
Drawing	Landscape Masterplan	Status	Tender Information
Drawing No.	0143.02_100	Scale	1:100 @ A1
Project No.	0143.02 Drawn EL Checked ML	Date	07.10.2021 Rev P02

A1



HARDWORKS

PRE-CAST CONCRETE PERMEABLE PAVING
'Hydropave Fusion' pre-cast concrete permeable paving; colour: Sandstone; size: 300x200mm x 80mm thickness; Manufacturer: Tobermore; www.tobermore.co.uk; OR EQUIVALENT

LIGHT GREY GRANITE BLOCKS
300x150x150mm; light grey granite setts, flamed finish; reclaimed from LB Camden depot; setts to be cleaned before laying

DARK GREY GRANITE BLOCKS
300x180x150mm; dark grey granite setts, flamed finish; reclaimed from LB Camden depot; setts to be cleaned before laying

RED/GREY GRANITE COBBLE SETTS
200x100x100mm (grey and red coloured); 100x100x100mm (grey colour only) granite setts reclaimed from LB Camden; setts to be cleaned before laying

DARK GREY GRANITE FLAGS (Under arbour)
750 X 600 X 65mm thickness; dark grey granite flags reclaimed from LB Camden depot; flags to be cleaned before laying

COMPOSITE DECKING
'Driftwood' weather oak effect decking; size: 200 x 3600 x 32mm; Manufacturer: Millboard; www.millboard.co.uk; OR EQUIVALENT

POROUS RUBBER SAFETY SURFACING
'Wet Pour' surfacing, 50mm thickness; Colours: Various TBC but to include recycled rubber; Manufacturer: Playtop www.en.playtop.com; OR EQUIVALENT

PERMEABLE RESIN BOUND GRAVEL
'Addaset' permeable resin bound gravel surface with suitable subbase to take emergency vehicles; colour: Trent 6mm; Manufacturer: Addagrip; www.addagrip.co.uk; OR EQUIVALENT

STANDARD MACADAM
Existing macadam areas to be retained / made good where possible. To Engineers' details

PRE-CAST CONCRETE PIN KERB
'Fusion Edge' pre-cast concrete pin kerb; colour: Silver; size: 75x150x900mm; Manufacturer: Tobermore; www.tobermore.co.uk; OR EQUIVALENT

FENCELINE
Reclaimed railings from St Jame's gardens, 1.8m height; with matching gates

ARBOUR
Using reclaimed historic iron columns from Camden depot and hardwood slats to roof

METAL ALUMINIUM EDGING
Kinley Systems 'AluExcel' 120mm Rigid Aluminium edging, Ref:101026; www.exceledge.co.uk; OR EQUIVALENT

LITTER BINS (5 No.)
Reclaimed & refurbished bins from LB Camden depot.

CONCRETE AND TIMBER BENCH
6 No. Reclaimed from Camden depot. Existing timber slats to be replaced before installation

SITE BOUNDARY

PROPOSED PLANTED AREAS (refer to softworks drawing)

PROPOSED TREES (refer to softworks drawing)

WATERING POINT

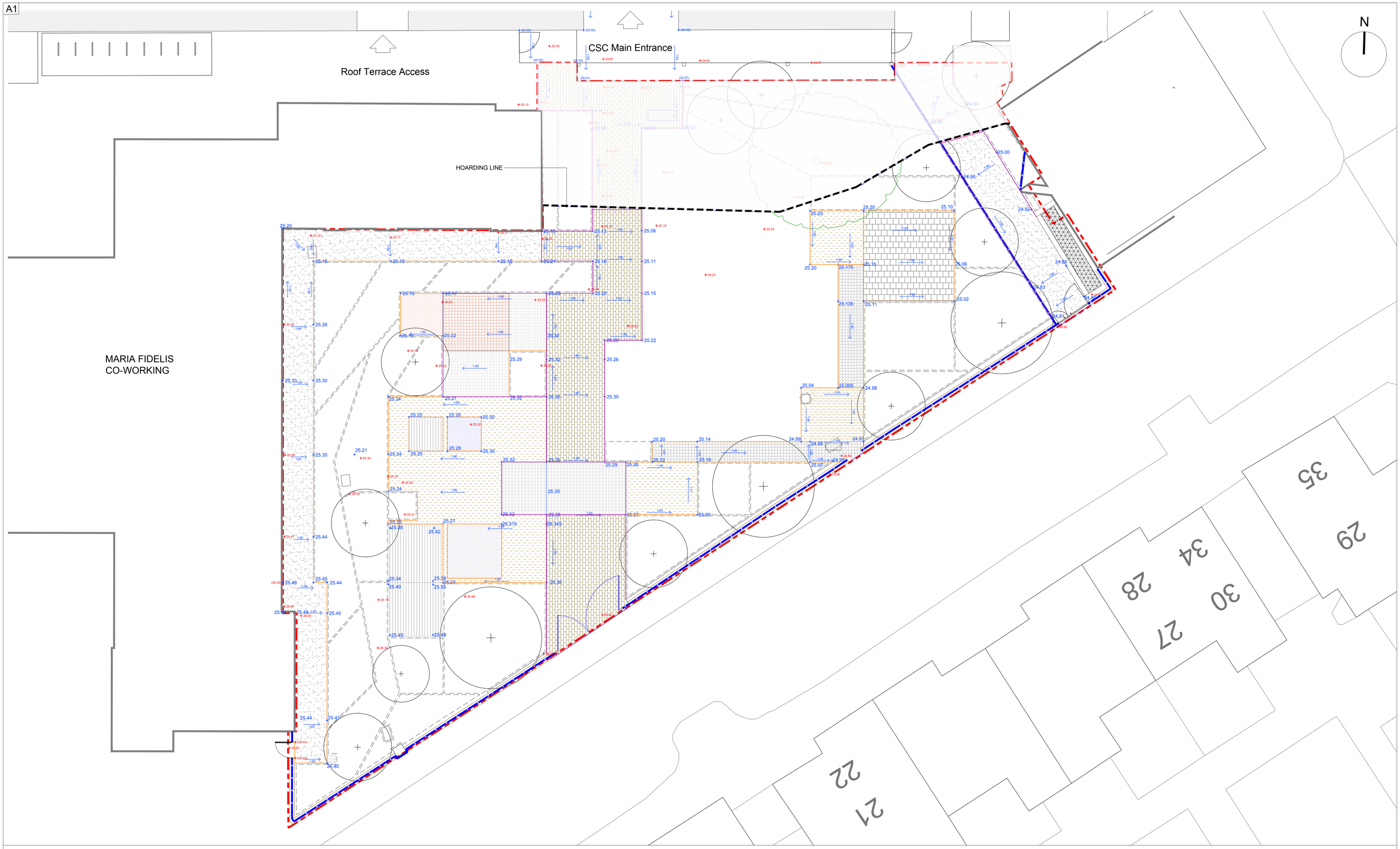
Revisions

Rev	Date	Description
P01	05.11.2021	General amendments following client comments
P02	17.11.2021	Metal edging added following client comments
P03	27.07.2022	General updates to edging types, existing manholes
C01	02.08.2022	Issued for construction
C02	06.09.2022	Arbour location amended
C03	25.10.2022	Exmouth Arms interface amended
C04	23.11.2022	Grey cobble setts added
C05	08.12.2022	Area of rubber safety surfacing by existing manhole removed
C06	12.12.2022	Line removed in macadam path
AB	07.03.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS - Community Open Space	Client	Camden BC
Drawing	Landscape Hardworks Plan	Status	Construction
Drawing No.	0143.02_101	Scale	1:100 @ A1
Project No.	0143.02 Drawn EL Checked ML	Date	07.10.2021 Rev AB

A1



+00.00 EXISTING LEVELS

+ 00.00 PROPOSED LEVEL

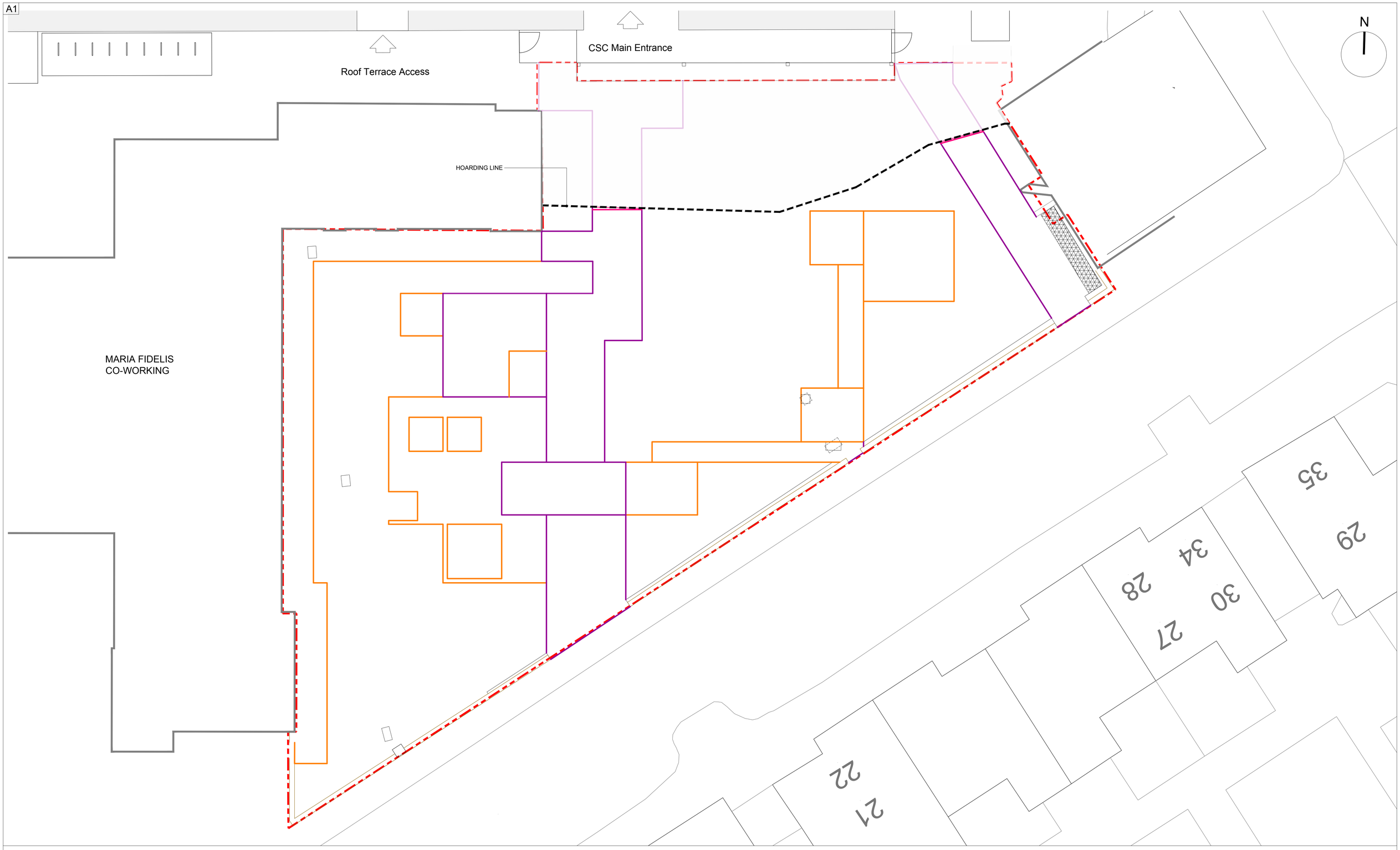
Revisions

Rev	Date	Description
P01	27.06.2022	First Issue
P02	27.07.2022	Levels simplified to reduce envelope cuts
C01	02.08.2022	Issued for construction
C02	08.12.2022	Area of rubber safety surfacing by existing manhole removed
C03	12.12.2022	Line removed in macadam path
AB	07.03.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS- Community Open Space			Client	Camden BC
Drawing	Landscape Levels Plan			Status	Construction
Drawing No.	0143.02_102			Scale	1:100 @ A1
Project No.	0143.02	Drawn EL	Checked ML	Date	27.06.2022 Rev AB

A1



EDGING KEY

PRE-CAST CONCRETE PIN KERB
'Fusion Edge' pre-cast concrete pin kerb; colour: Silver; size: 75x150x900mm; Manufacturer: Tobermore; www.tobermore.co.uk; OR EQUIVALENT

METAL ALUMINIUM EDGING
Kinley Systems 'AluExcel' 120mm Rigid Aluminium edging, Ref:101026; www.exceledge.co.uk; OR EQUIVALENT

TEMPORARY PIN KERB EDGE
PCC Pin Kerb spec as above

SERVICE ACCESS COVER
Recessed access covers with infill to correspond with adjacent surface. To replace existing, spec TBC

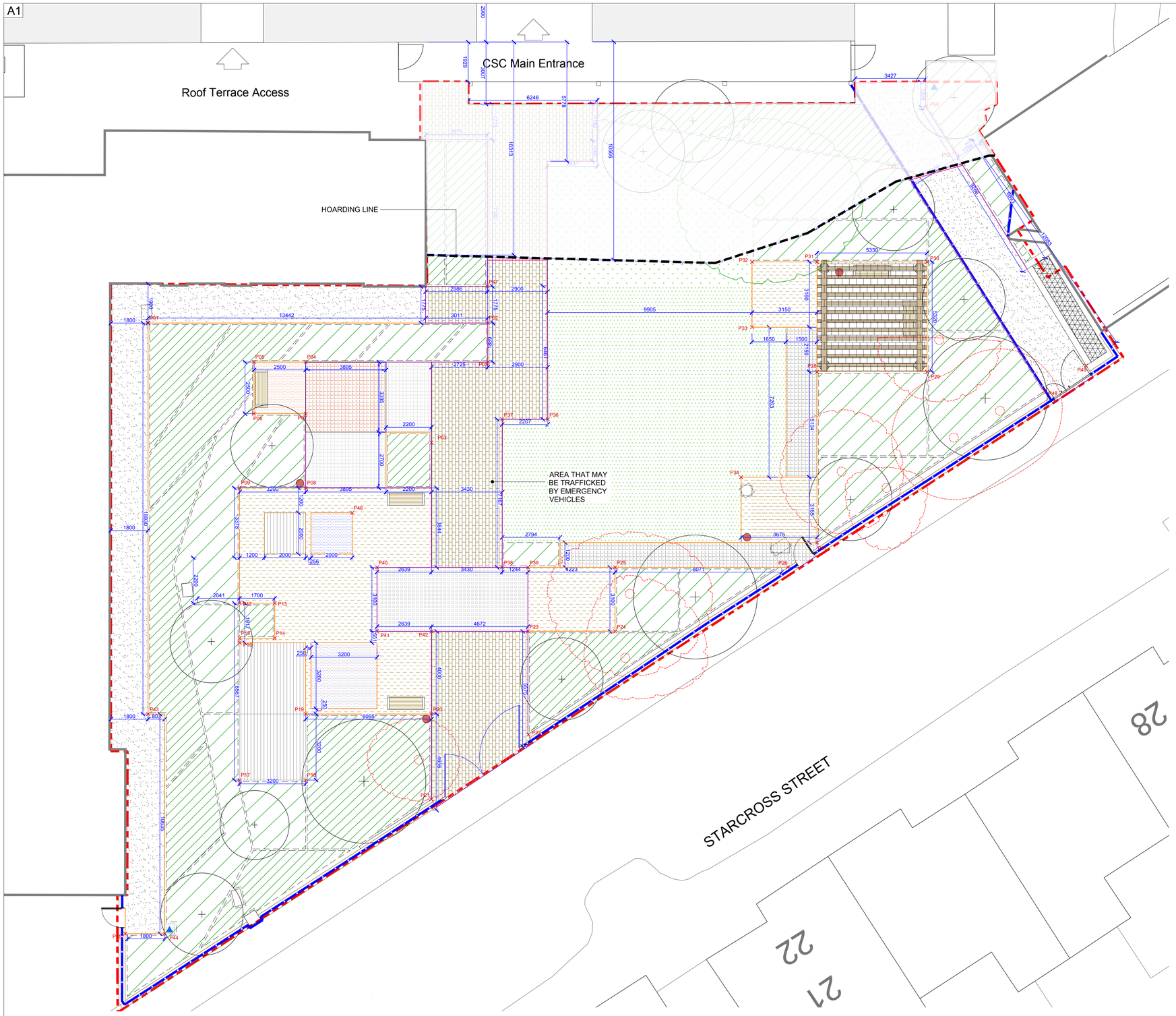
Revisions

Rev	Date	Description
P01	27.07.2022	First Issue
C01	02.08.2022	Issued for construction
C02	14.09.2022	Edges updated. Arbour location amended
C03	08.12.2022	Area of rubber safety surfacing by existing manhole removed
C04	12.12.2022	Line removed in macadam path
AB	07.03.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS- Community Open Space			Client	Camden BC
Drawing	Landscape Edge Treatment Plan			Status	Construction
Drawing No.	0143.02_103			Scale	1:100 @ A1
Project No.	0143.02	Drawn AS	Checked ML	Date	27.07.2022 Rev AB

A1



N

Point (P)	Easting	Northing		Point (P)	Easting	Northing
1	529301.881	182634.968		28	529334.341	182633.530
2	529318.327	182635.434		29	529339.670	182633.681
3	529318.428	182633.547		30	529339.518	182638.999
4	529309.564	182633.296		31	529334.189	182638.848
5	529307.065	182633.225		32	529331.040	182638.758
6	529307.136	182630.726		33	529331.130	182635.598
7	529309.635	182630.797		34	529330.807	182628.323
8	529309.737	182627.203		35	529330.902	182625.159
9	529306.538	182627.112		36	529321.368	182630.858
~~10~~	~~529306.634~~	~~182623.736~~		37	529319.162	182630.796
~~11~~	~~529304.594~~	~~182623.678~~		38	529319.366	182623.631
12	529306.696	182621.536		39	529320.609	182623.667
13	529308.396	182621.585		40	529313.301	182623.459
14	529308.444	182619.886		41	529313.389	182620.360
15	529306.745	182619.837		42	529316.027	182620.435
16	529306.751	182619.620		43	529302.418	182616.046
17	529306.940	182612.973		44	529303.523	182605.438
18	529310.138	182613.064		45	529301.610	182605.383
19	529310.048	182616.262		46	529312.026	182626.068
20	529316.140	182616.435		47	529318.256	182637.204
21	529316.257	182612.311		48	529345.380	182632.904
22	529320.872	182615.577		49	529347.359	182634.198
23	529320.697	182620.568		50	529339.244	182646.505
24	529324.918	182620.688		51	529338.064	182643.772
25	529324.830	182623.786		52	529340.683	182644.373
26	529333.200	182624.024		53	529315.767	182629.575
27	529334.576	182625.264				

HARDWORKS

PRE-CAST CONCRETE PERMEABLE PAVING
'Hydropave Fusion' pre-cast concrete permeable paving; colour: Sandstone; size: 300x200mm x 80mm thickness; Manufacturer: Tobermore; www.tobermore.co.uk; OR EQUIVALENT

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DARK GREY GRANITE BLOCKS
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RED/GREY GRANITE COBBLE SETTS
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'Driftwood' weather oak effect decking; size: 200 x 3600 x 32mm; Manufacturer: Millboard; www.millboard.co.uk; OR EQUIVALENT

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'Wet Pour' surfacing, 50mm thickness; Colours: Various TBC but to include recycled rubber; Manufacturer: Playtop www.en.playtop.com; OR EQUIVALENT

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'Addaset' permeable resin bound gravel surface with suitable subbase to take emergency vehicles; colour: Trent 6mm; Manufacturer: Addagrip; www.addagrip.co.uk; OR EQUIVALENT

STANDARD MACADAM
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PRE-CAST CONCRETE PIN KERB
'Fusion Edge' pre-cast concrete pin kerb; colour: Silver; size: 75x150x900mm; Manufacturer: Tobermore; www.tobermore.co.uk; OR EQUIVALENT

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LITTER BINS (5 No.)
Reclaimed & refurbished bins from LB Camden depot.

CONCRETE AND TIMBER BENCH
6 No. Reclaimed from Camden depot. Existing timber slats to be replaced before installation

SITE BOUNDARY

PROPOSED PLANTED AREAS (refer to softworks drawing)

PROPOSED TREES (refer to softworks drawing)

WATERING POINT

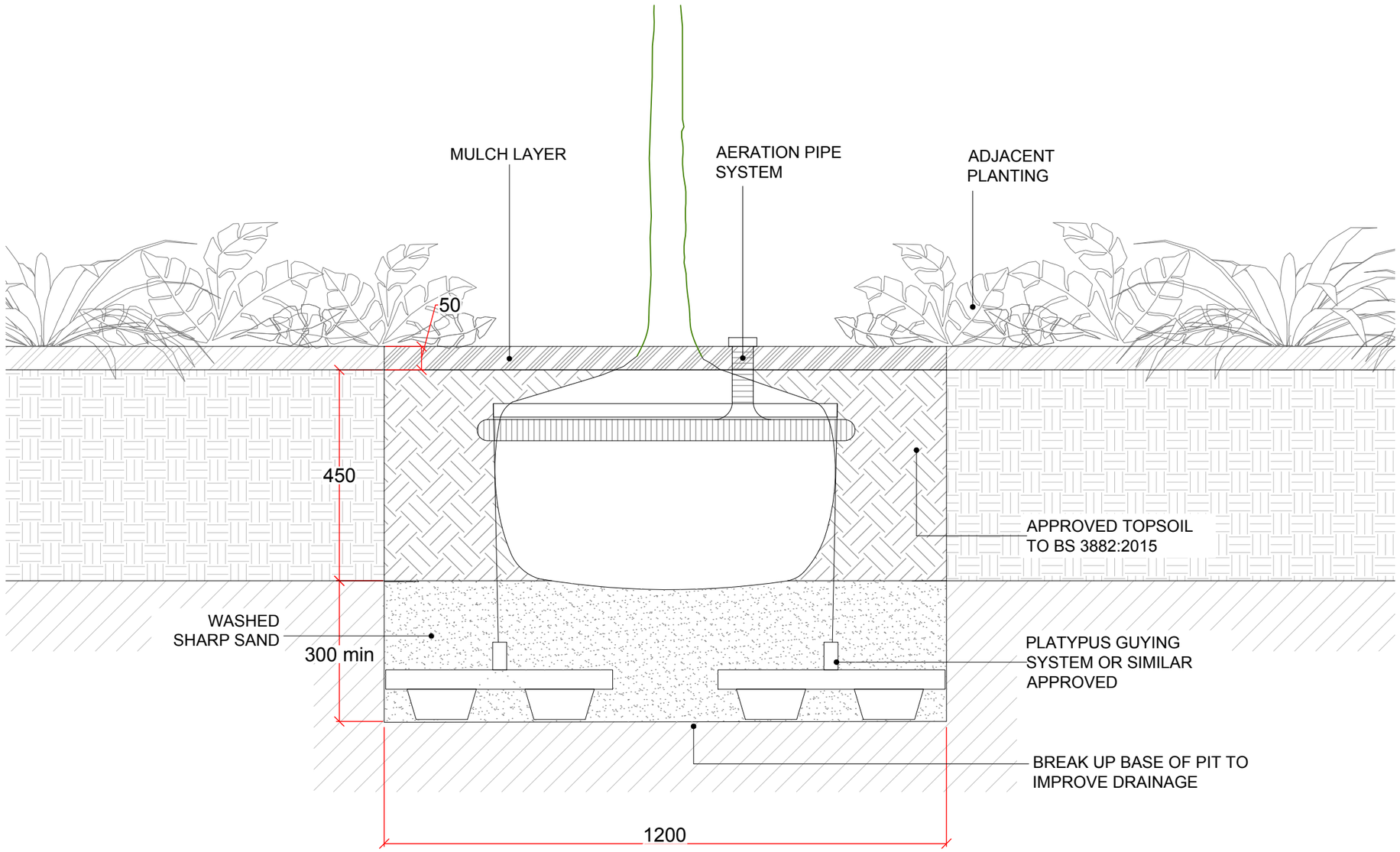
Revisions

Rev	Date	Description
P01	27.06.2022	First Issue
C01	02.08.2022	Issued for construction
C02	14.08.2022	Arbour location amended
C03	30.11.2022	Decking dimensions updated
C04	08.12.2022	Area of rubber safety surfacing by existing manhole removed
C05	12.12.2022	Line removed in macadam path
AB	07.03.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS- Community Open Space	Client	Camden BC
Drawing	Landscape Setting Out Plan	Status	Construction
Drawing No.	0143.02_400	Scale	1:100 @ A1
Project No.	0143.02 Drawn EL Checked ML	Date	27.06.2022 Rev AB

A3



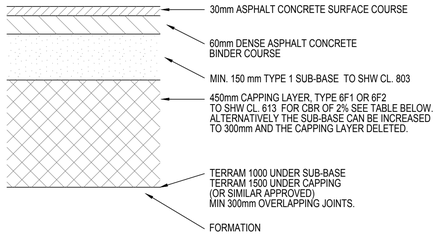
Revisions

Rev	Date	Description
C01	02.08.2022	First issue
C02	09.11.2022	Tree pit dimensions amended
AB	03.07.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	Maria Fidelis Temporary Open Space			Client	LB Camden
Drawing	Tree Pit - Typical			Status	Construction
Drawing No.	0143.02_DET04			Scale	1:10@A3
Drawn	EL	Checked	ML	Date	02.08.2022
				Rev	AB

A1

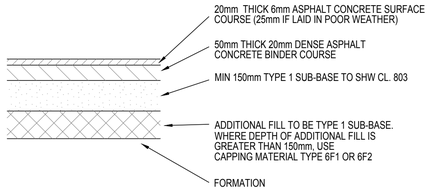


BITUMINOUS ROAD CONSTRUCTION WITH OCCASIONAL VEHICLE LOADING (Q22/111X)

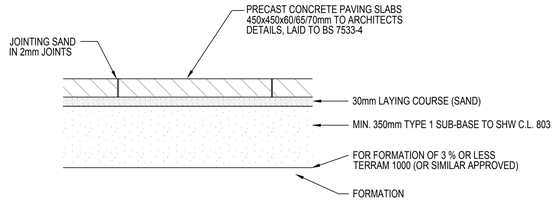
THE PAVEMENT FOUNDATION DEPTH SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

CBR		LESS THAN 2%	2%	3%	4%	5%
STANDARD CONSTRUCTION	150mm SUB-BASE	150mm	150mm	150mm	150mm	150mm
	DEPTH OF CAPPING	600mm	450mm	350mm	300mm	250mm
INCREASE DEPTH OF TYPE 1 SUB-BASE AND DELETE CAPPING		-	350mm	300mm	270mm	225mm

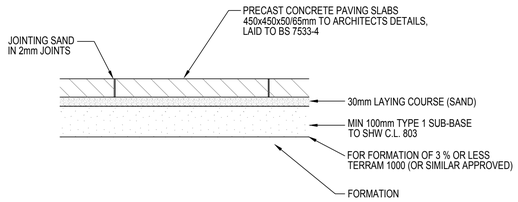
PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES



BITUMINOUS FOOTWAY CONSTRUCTION Q22/115X



PRECAST CONCRETE PAVING SLABS (MAX. 450x450mm) FOR OCCASIONAL VEHICLE LOADING Q25/121

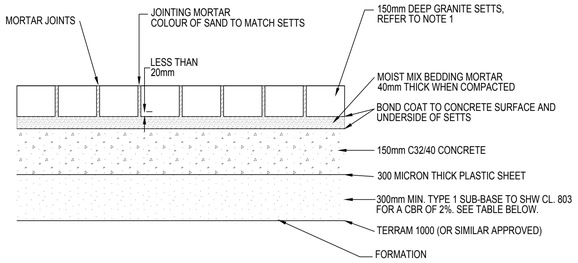


PRECAST CONCRETE PAVING SLABS (MAX. 450x450mm) FOR PEDESTRIAN LOADING Q25/120

THE PAVEMENT FOUNDATION DEPTH SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

CBR	≤ 2%	3%	4%	5%	≥ 6%
MINIMUM COMPACTED TYPE 1 SUB-BASE THICKNESS	450mm	350mm	250mm	225mm	175mm

PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES

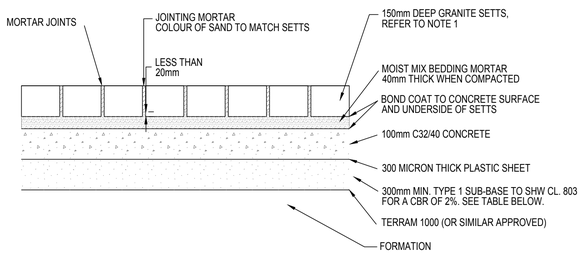


GRANITE SETTS ROAD CONSTRUCTION WITH OCCASIONAL VEHICLE LOADING (Q25/141)

THE PAVEMENT FOUNDATION DEPTH SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

CBR	≤ 2%	3%	4%	5%	≥ 6%
MINIMUM COMPACTED TYPE 1 SUB-BASE THICKNESS	300mm	275mm	250mm	150mm	150mm

PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES



GRANITE SETT FOOTWAY CONSTRUCTION WITH PEDESTRIAN LOADING ONLY (Q25/142)

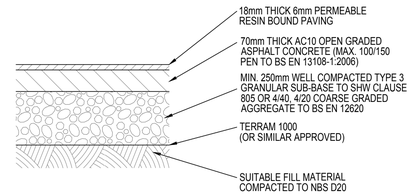
THE PAVEMENT FOUNDATION DEPTH SHOULD BE AMENDED IN ACCORDANCE WITH THE TABLE BELOW SHOULD THE MEASURED CBR VALUE DIFFER FROM 3%

CBR	≤ 2%	3%	4%	5%	≥ 6%
MINIMUM COMPACTED TYPE 1 SUB-BASE THICKNESS	300mm	250mm	200mm	110mm	110mm

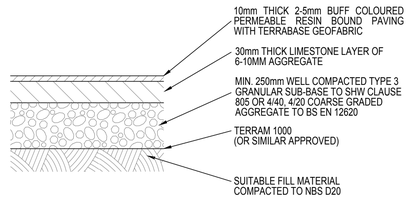
PAVEMENT FOUNDATION DEPTHS FOR VARYING FORMATION CBR VALUES

NOTES

1. GRANITE SETTS TO LANDSCAPE ARCHITECTS DETAILS. CONTRACTOR TO PROVIDE SAMPLES FOR APPROVAL BY THE ARCHITECT.
2. GRANITE SETT CONSTRUCTION IS TO BE BASED ON BS 7533-7 : 2002. USE RIGID CONSTRUCTION TO CL. 6.1.2 & 9.5.3 MOIST BEDDING MORTAR WITH FULL DEPTH SLURRY JOINT.
3. THE CONTRACTOR SHOULD CONSTRUCT A TEST PANEL (AS PART OF THE FINISHED WORKS) FOR APPROVAL BY THE ENGINEER BEFORE WORK ON SETTS CAN BE CONTINUED.
4. REFER TO CONSTRUCTION DRAWING FOR GRANITE SETTS EDGE DETAILS.

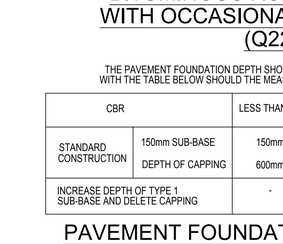


PERMEABLE RESIN BOUND GRAVEL OCCASIONAL VEHICLE LOADING ONLY (Q23/121A)

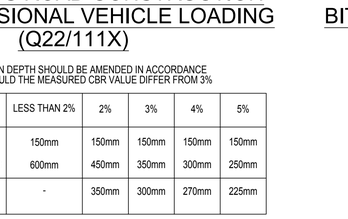


PERMEABLE RESIN BOUND GRAVEL WITH PEDESTRIAN LOADING ONLY (Q23/122A)

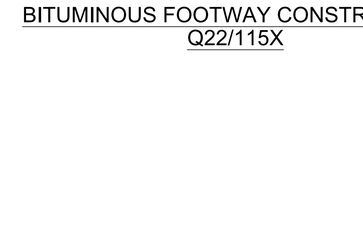
ASPHALT BINDER COURSES AND SUB-BASES TO BE LAID TO A MINIMUM FALL OF 1.5% (1 IN 66). WHERE A COURSE IS GREATER THAN 50mm THICK IT IS TO BE LAID IN TWO OR MORE LAYERS.



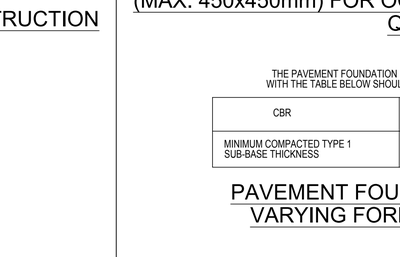
TYPE G1



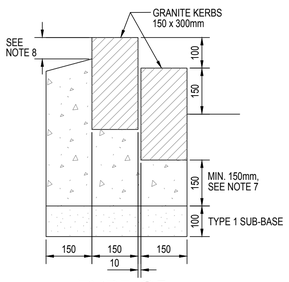
TYPE G2



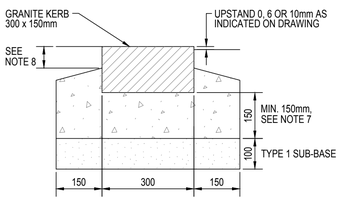
TYPE G3



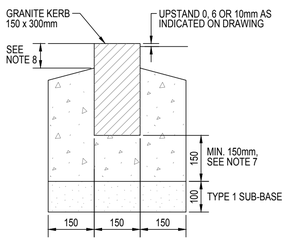
TYPE G4



TYPE G5



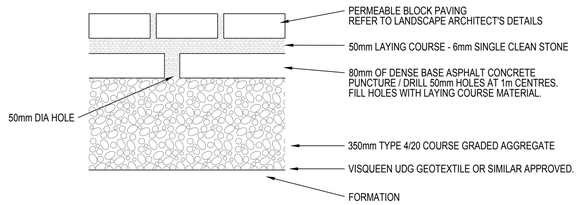
TYPE G6



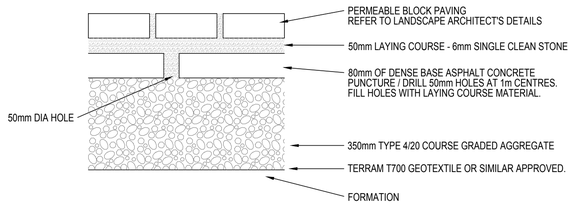
TYPE G7

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. GRANITE KERBS SHALL COMPLY WITH BS EN 1343:2001 AND BE LAID TO BS 7533-6.
3. NEW STRAIGHT GRANITE KERBS SHALL BE BE A MINIMUM LENGTH OF 800mm.
4. FOR RADIUS KERBS OF 12m OR LESS, USE KERBS MANUFACTURED TO AN APPROPRIATE RADIUS.
5. WHERE THE RE-USE OF RECLAIMED MATERIALS IS PERMITTED, THEY SHALL BE RE-DRESSED TO THE ACCEPTANCE OF THE PROJECT MANAGER AND LAID IN ACCEPTABLE LENGTHS.
6. BEDDING AND BACKING TO GEN 0 (OR ST1) CONCRETE.
7. ALL CONCRETE BEDDING TO BE LAID ON A MINIMUM OF 100mm SUB-BASE. THE BASE OF THE KERB BEDDING IS TO BE SET LEVEL WITH THE TOP OF THE SUB-BASE SUBJECT TO A MINIMUM DEPTH OF CONCRETE OF 150mm.
8. THE DEPTH OF CONCRETE HAUNCH BELOW THE TOP OF KERB WILL BE DETERMINED BY THE MINIMUM CONSTRUCTION THICKNESS OF THE ADJACENT SURFACING.
9. KERB JOINTS TO BE 2mm MINIMUM (NO MORTAR).



PERMEABLE BLOCK PAVING CONSTRUCTION FOR AREAS WITH VEHICLE LOADING (WITHOUT INFILTRATION - Q24/119A)



PERMEABLE BLOCK PAVING CONSTRUCTION FOR AREAS WITH VEHICLE LOADING (WITH INFILTRATION - Q24/115A)

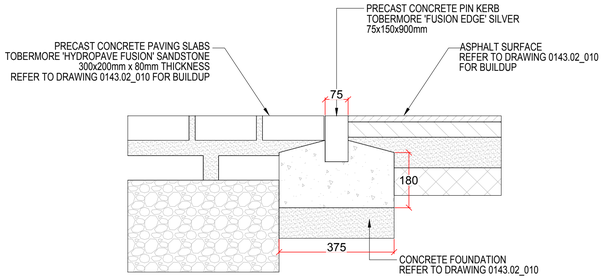
Revisions

Rev	Date	Description
P01	05.11.2021	First issue
C01	02.08.2022	Issued for construction
C02	25.10.2022	Updated thickness to blocks
C03	08.12.2022	Updated base thickness to permeable resin bound gravel
AB	07.03.2023	Record Drawingl

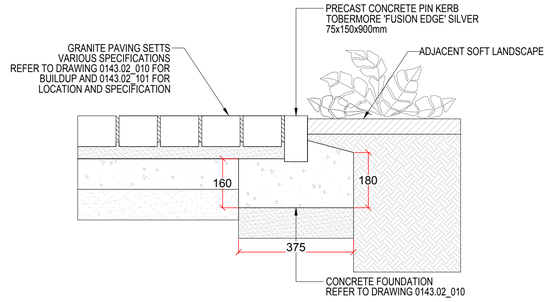
49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS- Community Open Space	Client	Camden BC
Drawing	Paving Build Up Details	Status	Construction
Drawing No.	0143.02_010	Scale	1:10 @ A1
Project No.	0143.02 Drawn EL Checked ML	Date	05.11.2021 Rev AB

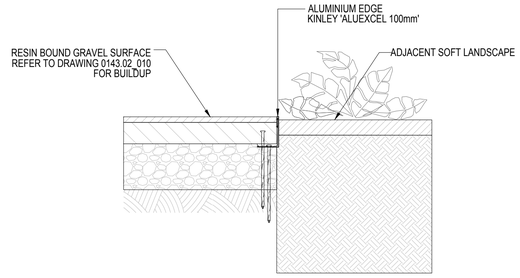
A1



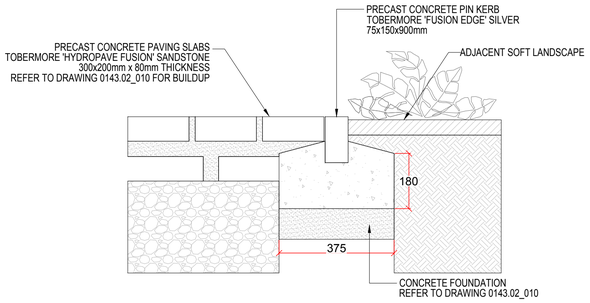
INTERFACE - PERMEABLE BLOCK / ASPHALT



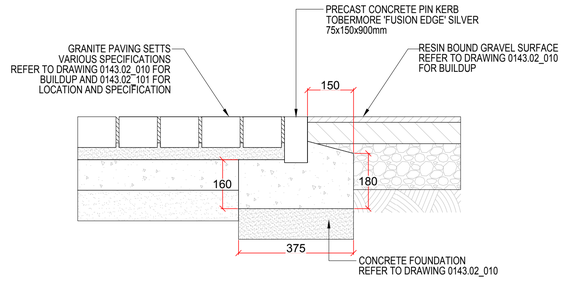
INTERFACE - GRANITE SETT / SOFT LANDSCAPE



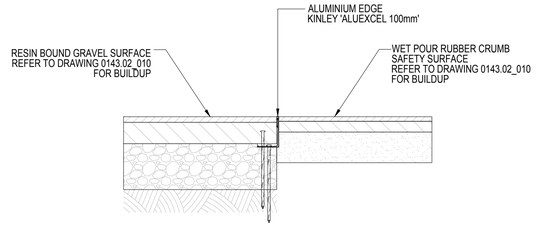
INTERFACE - RESIN BOUND GRAVEL / SOFT LANDSCAPE



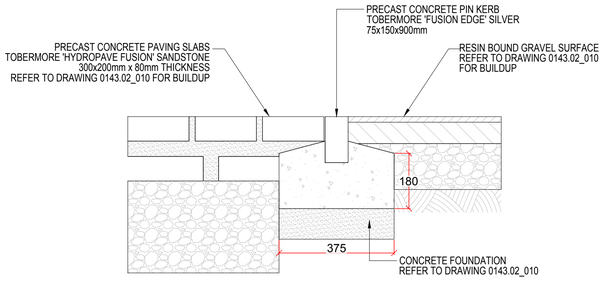
INTERFACE - PERMEABLE BLOCK / SOFT LANDSCAPE



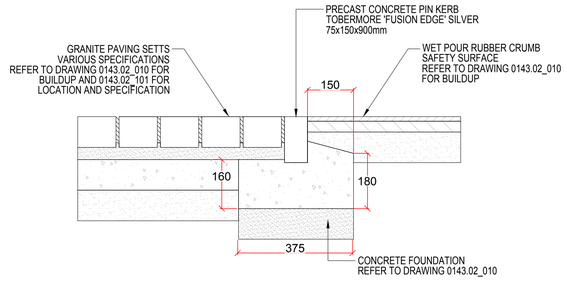
INTERFACE - GRANITE SETT / RESIN BOUND GRAVEL



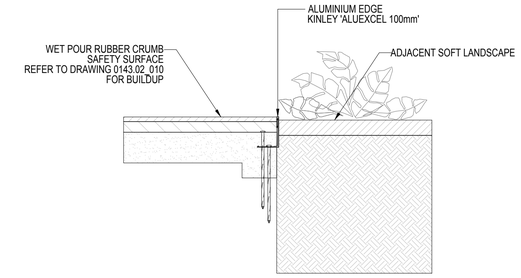
INTERFACE - RESIN BOUND GRAVEL / RUBBER CRUMB PLAY SURFACE



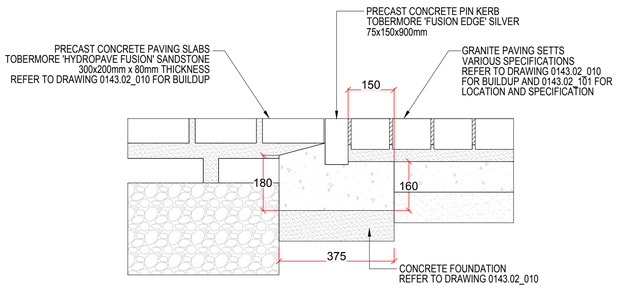
INTERFACE - PERMEABLE BLOCK / RESIN BOUND GRAVEL



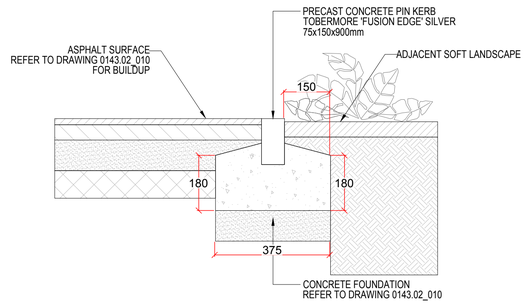
INTERFACE - GRANITE SETT / RUBBER CRUMB PLAY SURFACE



INTERFACE - RUBBER CRUMB PLAY SURFACE / SOFT LANDSCAPE



INTERFACE - PERMEABLE BLOCK / GRANITE SETT



INTERFACE - ASPHALT / SOFT LANDSCAPE

Revisions

Rev	Date	Description
C01	27.07.2021	First issue
C02	02.08.2022	Issued for construction
C03	31.08.2022	Dimensions added
AB	07.03.2023	Record Drawing

49 Canonbie Road, London SE23 3AQ
07971 699 601 info@me-landscape.com
ME Landscape Studio

Project	MFS - Community Open Space	Client	Camden BC
Drawing	Landscape Edge Interfaces	Status	Construction
Drawing No.	0143.02_011	Scale	1:10 @ A1
Project No.	0143.02 Drawn EL Checked ML	Date	27.07.2022 Rev AB

CMTL Limited
Bruton House, Stadium Way
Harlow, Essex CM19 5FT
Tel: 01925 286 880

LABORATORY TEST REPORT
SUBCONTRACTED TESTING REPORT

Project:	**Aggre8 Project**		
Client:	Anglian Land Drainage	**Lab Ref No.:**	SA25334
	Mawkinhards Farm	**Site Sample Ref No.:**	ALD25779
	High Easter Road	**Material:**	Topsoil
	Great Dunmow, CM6 1ND	**Date Sampled:**	20/04/2022
		Date Received:	20/04/2022
Originator:	**Kirsty Golding**	**Subcontractor:**	Chemtest

Please see attached Topsoil Classification BS 3882 test certificate

Approved Signature
CMTL Limited
■ Richard Lawry-Johns, Laboratory Team Leader

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

2183

Final Report

Report No.:	22-15132-1		
Initial Date of Issue:	28-Apr-2022		
Client	CMTL Harlow		
Client Address:	Bruton House, Stadium Way Harlow Essex CM19 5FT		
Contact(s):	Richard Lawry-Johns		
Project	SA25334		
Quotation No.:		**Date Received:**	25-Apr-2022
Order No.:	19189	**Date Instructed:**	25-Apr-2022
No. of Samples:	1		
Turnaround (Wkdays):	5	**Results Due:**	29-Apr-2022
Date Approved:	28-Apr-2022		
Approved By:			
Details:	Stuart Henderson, Technical Manager		

Results - Soil

Project: SA25334

Client: CMTL Harlow			**Chemtest Job No.:**		22-15132
Quotation No.:			**Chemtest Sample ID.:**		1416448
			Client Sample ID.:		ALD25779
			Sample Location:		Stockpile
			Sample Type:		SOIL
			Date Sampled:		20-Apr-2022
Determinand	**Accred.**	**SOP**	**Units**	**LOD**	
Moisture	N	2030	%	0.020	16

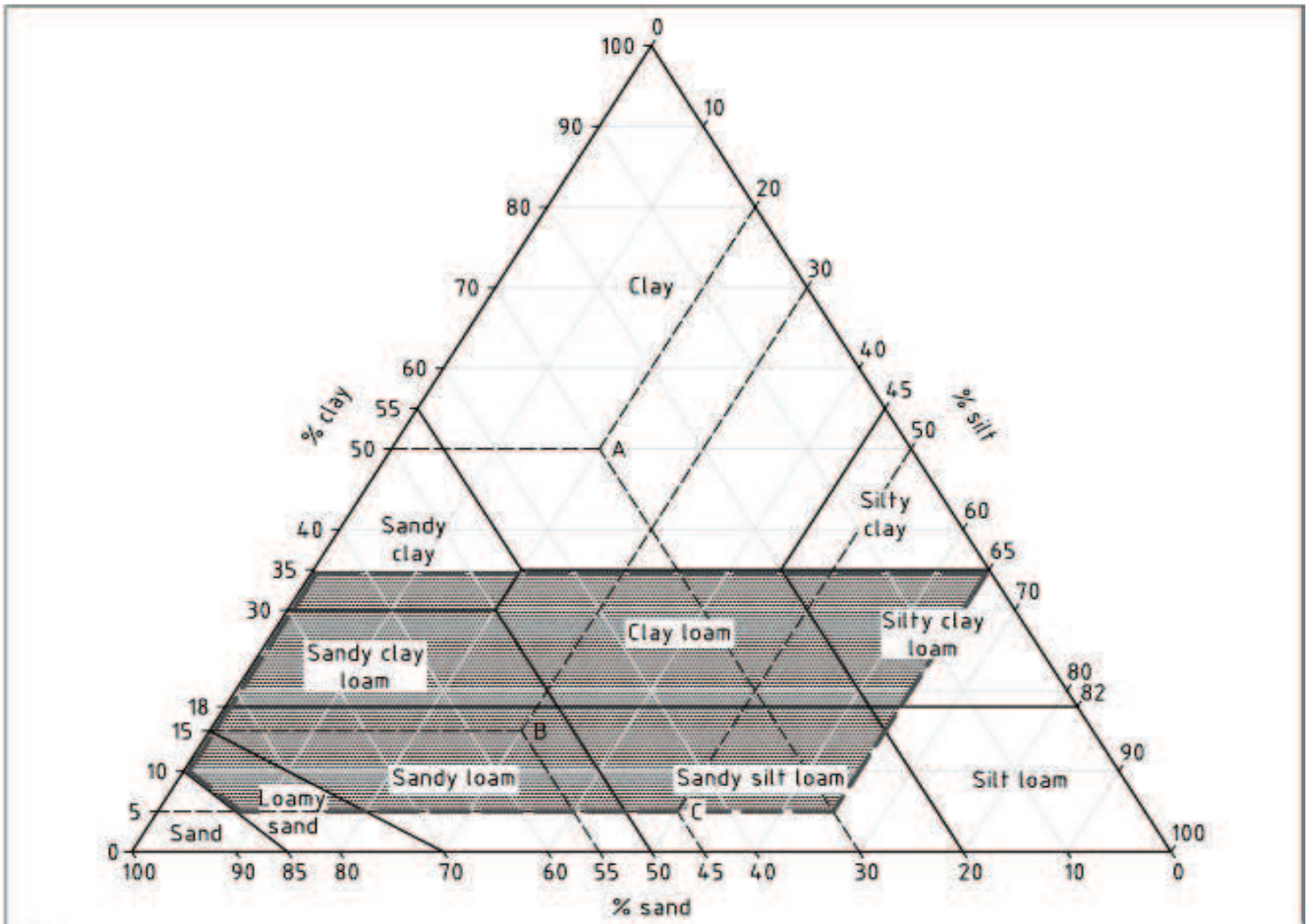
Results - Topsoil Report

BS3882:2015

Chemtest Job No.: 22-15132
Chemtest Sample ID.: 1416448
Client Sample Ref.:
Sample Location: Stockpile
Client Sample ID.: ALD25779
Top Depth (m):
Bottom Depth (m):
Date Sampled: 20-Apr-2022
Time Sampled:

Parameter	Units	Multipurpose Range			Result	Compliant with Multipurpose Range? (Y/N)	Compliant with Specific Purpose Range? (Y/N)		
Texture							**Acid**	**Low F**	**Calc.**
Clay content	%				4.8				
Silt content	%				9.7				
Sand content	%				85				
Soil texture class		See Attached Chart			Loamy Sand	YES			
Mass Loss on Ignition									
Clay 5-20%		3.0-20			6.1	YES	YES	YES	YES
Clay 20-35%		5.0-20							
Stone Content	**% m/m**								
>2mm		0-30			26	YES			
>20mm		0-10			< 0.020	YES			
>50mm		0			< 0.020	YES			
Soil pH value		5.5-8.5			7.6	YES	YES	YES	YES
Carbonate (Calcareous only)	%				12				YES
Electrical Conductivity	µS/cm	If >3300 do ESP			7.8	YES			
Available Nutrient Content									
Nitrogen %		>0.15			0.21	YES	YES		YES
Extractable phosphorus	mg/l	16-140			61	YES	YES	YES	YES
Extractable potassium	mg/l	121-1500			400	YES	YES		YES
Extractable magnesium	mg/l	51-600			130	YES	YES		YES
Carbon : Nitrogen Ratio		<20:1			11.2/1	YES	YES	YES	YES
Exchangeable sodium	**%**	<15			3.0				
Available Calcium	mg/l				540				
Available Sodium	mg/l				110				
Phytotoxic Contaminants (by soil pH)		**< 6.0**	**6.0-7.0**	**> 7.0**					
Zinc (Nitric Acid extract)	mg/kg	<200	<200	<300	120	YES			
Copper (Nitric Acid extract)	mg/kg	<100	<135	<200	44	YES			
Nickel (Nitric Acid extract)	mg/kg	<60	<75	<110	72	YES			
Visible Contaminants	**% mm**								
>2mm		<0.5			0.000	YES			
….. of which plastics		<0.25			0.000	YES			
….. man-made sharps		zero in 1kg			0.000	YES			

Topsoil:
Texture Classification Chart



NOTE Examples of textural classification are as follows.

- *Soil A with 30% sand, 20% silt and 50% clay is in the "clay" textural class.*
- *Soil B with 55% sand, 30% silt and 15% clay is in the "sandy loam" textural class.*
- *Soil C with 45% sand, 50% silt and 5% clay is in the "sandy silt loam" textural class.*

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Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2115	Total Nitrogen in Soils	Nitrogen	Determination by elemental analyser
2260	Carbonate	Carbonate	Titration
2400	Cations	Cations	ICP-MS
2420	Phosphate	Phosphate	Spectrophotometry - Discrete analyser
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2620	LOI 440	LOI 440 Trommel Fines	Determination of the proportion by mass that is lost from a soil by ignition at 440°C.

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com