

edule				
			Cover	
Туре	Easting	Northing	Diameter (mm)	
ater	526078973	186058649	350	
ater	526073057	186057935	350	
ater	526054437	186055798	350	
ater	526044029	186052757	350	
ater	526036378	186050071	350	
ater	526030709	186046510	350	
ater	526020230	186039927	350	
ater	526011321	186055217	350	
ater	526015714	186058188	350	
ater	526006386	186072401	350	
ater	526001924	186079201	350	
ater	526013793	186086991	600	
ater	526020128	186091162	350	
ater	526022504	186053489	350	
ater	526033595	186060760	350	
ater	526055200	186065049	350	
ater	526054293	186069142	350	
ater	526065750	186071547	350	
ater	526053748	186058872	350	
ater	526024138	186050747	350	
ater	526025402	186048825	350	

Mark	Internal Diameter (mm)	Depth [mm]	Invert Level (IL)	Cover Level (CL)	Material	Drain Type	Easting
SWMH1	450	497.000	+119308.00	+119805.00	plastic	Surface Water	526078004
SWMH2	450	847.000	+118958.00	+119805.00	plastic	Surface Water	526044029
SWMH3	450	1124.000	+118681.00	+119805.00	plastic	Surface Water	52601973
SWMH4	450	1314.000	+118491.00	+119805.00	plastic	Surface Water	52600932
SWMH5	450	1555.000	+118445.00	+120000.00	plastic	Surface Water	52601172
SWMH6	450	1555.000	+118445.00	+120000.00	plastic	Surface Water	52600807
SWMH7	450	2815.000	+116990.00	+119805.00	plastic	Surface Water	525999329
SWMH8	450	3038.000	+116767.00	+119805.00	plastic	Surface Water	52601786
SWMH9	450	447.000	+119358.00	+119805.00	plastic	Surface Water	52607853
SWMH10	450	537.000	+119268.00	+119805.00	plastic	Surface Water	526066758
SWMH11	450	693.000	+119112.00	+119805.00	plastic	Surface Water	52604398
SWMH13	450	812.000	+118993.00	+119805.00	plastic	Surface Water	526034034
SWMH14	450	893.000	+118912.00	+119805.00	plastic	Surface Water	526033792
SWMH15	1200	683.000	+119122.00	+119805.00	concrete	Surface Water	52603768
SWMH16	450	752.000	+119053.00	+119805.00	plastic	Surface Water	526028564
SWMH17	1200	310.000	+120190.00	+120500.00	concrete	Surface Water	52609877
SWMH18	1200	3082.000	+116723.00	+119805.00	concrete	Surface Water	52601827
SWMH19	450	323.000	+119977.00	+120300.00	plastic	Surface Water	526069999
SWMH20	450	1360.000	+118445.00	+119805.00	plastic	Surface Water	52601305
SWMH21	1200	478.000	+119822.00	+120300.00	concrete	Surface Water	52605643
SWMH22	450	540.000	+115985.00	+116525.00	concrete	Surface Water	52605520
SWMH23	450	945.000	+115580.00	+116525.00	concrete	Surface Water	52605520
SWMH24	450	790.000	+115735.00	+116525.00	concrete	Surface Water	52605520
SWMH25	450	665.000	+115860.00	+116525.00	concrete	Surface Water	52605520
SWMH26	450	610.000	+115915.00	+116525.00	concrete	Surface Water	52605520

Inspection chambers - plastics To BS EN 13598-1, BS EN 13598-2 or Agrément certified. Material to be Polyproylene.

To BS 5911-3 and BS EN 1917 and Kitemark certified; or To BS 5911-4 and BS EN 1917.

For the design, select appropriate proprietary packaged unit in accordance with BS EN 752. Submit drawings, technical information, calculations and manufacturers' literature. Submit proposals for Installation details, base or bedding, surround and backfilling. Submit details of requirements for access covers. Provide maintenance requirements.

As-dug material, free from vegetable matter, rubbish, frozen soil and material retained on a 40 mm sieve. Compaction to be By

		Cover
	Northing	Diameter (mm)
ŀ	186057935	350
)	186052021	350
3	186039059	350
	186054483	350
)	186065775	350
}	186071635	350
)	186078733	350
6	186090867	350
3	186072302	350
}	186077862	350
5	186080684	600
ŀ	186083830	350
2	186091100	350
,	186075090	600
ŀ	186081619	350
)	186071833	600
5	186095185	600
)	186085452	350
)	186057001	350
)	186091947	600
)	186065049	350
)	186065049	350
)	186065049	350
)	186065049	350
)	186065049	350

Northing	Cover Diameter (mm)
186099630	600
186095686	600

## General Notes

1. This drawing is to be read in conjunction with all relevant Architects & Engineers drawings & specifications.

- 2. The Contractor is to be responsible for all dimensions & for the correct setting out of the works on site.
- 3. Do not scale from this drawing.

Legend			
	Foul water pipe (Proposed)		
	Surface water pipe (Proposed)		
	Existing combined drainage (Assumed route)		
	Existing drainage		
XXX	Existing drainage runs to be removed		
$\bigcirc$	SVP Proposed locations (by others)		
	SVPe Existing locations		
•	SS Sub stacks (by others)		
CL	Cover Level		
IL	Invert Level		
IC	Inspection Chamber		
MH	Manhole		
TW	Thames water Sewer		
-CW	Combined foul + surface water		
	Pumped drainage. Rising main.		
	Existing manhole assumed		
RWP	Rainwater pipe (by others)		
RWPe	Rainwater pipe existing		
RE	Rodding eye		
	Channel drain (by others)		
Ge	Proposed new Gulley by others. To be roddable unless agreed otherwise.To have 7.5l/s flow capacity typically.		
	Existing Gulley		
imes ap	Access panel to linear slot / channel drain. Lid with inset finishes to landscape Architect's details.		
LSD	Linear slot drain. ACO Multidrain constant depth channel M100DS, 300mm deep with brickslot drain over with stainless steel finish. C250 cover rating.		
	drainage 150 Dia. pipes, 1:100 falls U.N.O, FW e 150 Dia. pipes, 1:80 falls U.N.O		
	evels to be re-set to suit new landscaping. by others		
Existin	g Retained Drainage		

## Existing Retained Drainage

Before starting work, check invert levels and positions of existing drains, sewers, inspection chambers and manholes against drawings. Report discrepancies. Protect existing drains to be retained and maintain normal operation if in use.

## Chambers and Covers and Frames to comply

with BS EN124 Loading grades are to BS EN 124. These are categoried by usuage:

D400 for roads;

C250 for areas with light vehicules such as car park; B125 for pavements and pedestrian areas; A15 for areas inaccessible to motor vehicles.

For internal access covers and frames, standards to BS EN 124 and Double seals and grease Recessed covers for concrete filling. Loading grades to BS EN 124: B125 generally

P5	25.02.22	JH	MT	Updated For Planning
P4	04.02.22	JH	MT	Schedules Added
P3	10.12.21	AM	MT	Issued For Tender
P2	25.10.21	AM	JH	Issued For Information
P1	21.10.21	CS	MT	Issued For Information
Rev	Date	Ву	Chkd	Description

## Eckersley O'Callaghan

London Office 9th Floor, 236 Gray's Inn Rd, London WC1X 8HB +44 (0) 20 7354 5402 eocengineers.com

Project Title

Project No

21021

Drawn By

Branch Hill House, London

**Drawing Title** Below Ground Drainage Ground Level

Scale: As indicated [A1] Date

March 2021

MK

Drawing Suitability

Ver

S4 - For Stage Approval

**Drawing Number** BHH-EOC-V1-00-DR-S-5000

Rev P5

