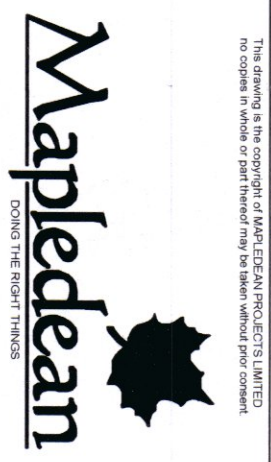


Notes:
All information contained in this drawing (including digital data) should be checked and verified prior to any fabrication or construction. Gd coordinates are based on an OS GNS3 system on a plane grid with a scale factor of 1.0000.



Job Title:
LAND SOUTH OF 6 - 12 LONDON ROAD (Access from Haslemere Road Liphook Car Park) LIPHOOK GU30 7AL

Description:
PROPOSED FOLL SEWER CONNECTION

Scale: As Shown Date: Oct 20 Drawing No: LRL-010

Legend:

Feature	Symbol	Feature	Symbol
Boundary	[Symbol]	Boundary	[Symbol]
Water	[Symbol]	Water	[Symbol]
Manhole	[Symbol]	Manhole	[Symbol]
...

Tree Schedule

PI No	Spread	Bale	Height	Species
57	7.0	0.2	9.0	SYCAMORE
58	8.0	0.3	9.0	SYCAMORE
59	8.0	0.3	9.0	SYCAMORE

Coordinate Table

Stn	Easting	Northing	Level
STNB2	484087.060	131541.212	110.313
STNP1	484114.014	131515.588	109.806
STNP2	484039.602	131492.649	109.096

To an OS GNS3 Datum

Rev.	Date	Initial	Revision Details
1	12.10.2020	ATL	Service added correctly to survey
2	12.10.2020	ATL	Service added correctly to survey

Surveyed By: [Name] CAD: [Name] Verified By: [Name] Approved By: [Name]

Levelling: GNS3 Datum OSGB36

Client: Mapledean Projects Limited

Location: London Road Liphook

Drawing Title: Topographical Survey

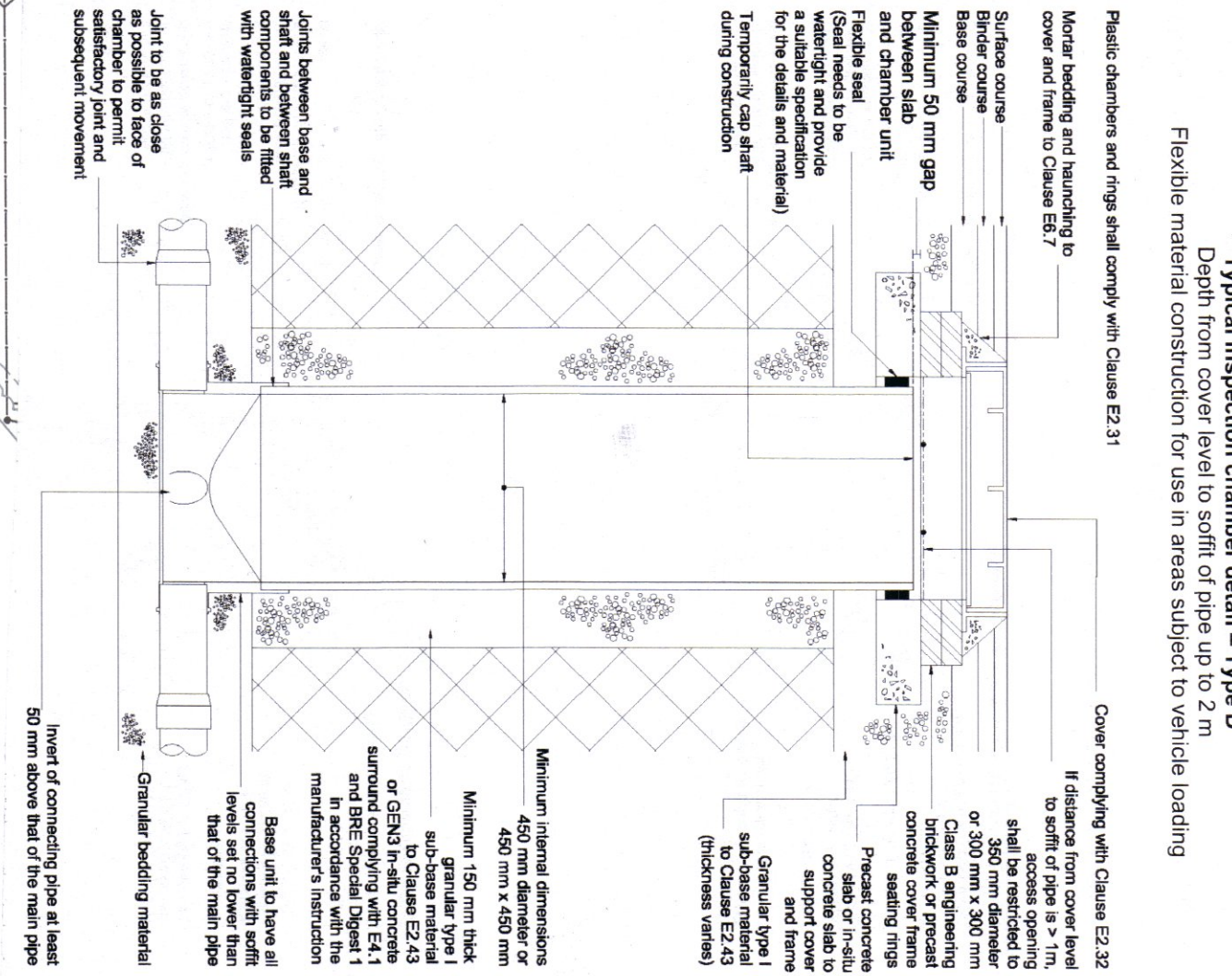
Job No.: 2009041 Old Job No.: [Blank]

Drawing Number: MPL/2009041 Revision Suffix: A

Scale: 1:200m (A2) Date: October 2020

CD SURVEYS LTD
LAND BUILDING & SITE ENGINEERING
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Fax: (01932) 766419
Email: mail@cdsurveys.com
Visit us at: www.cdsurveys.com

Figure B 18



Typical inspection chamber detail - Type D
Depth from cover level to soffit of pipe up to 2 m
Flexible material construction for use in areas subject to vehicle loading

Plastic chambers and rings shall comply with Clause E2.31

Mortar bedding and haunching to cover and frame to Clause E6.7

Surface course

Binder course

Base course

Minimum 50 mm gap

between slab

and chamber unit

Flexible seal

(Seal needs to be

waterproof and provide

a suitable specification

for the details and material)

Temporarily cap shaft

during construction

Cover complying with Clause E2.32

If distance from cover level

to soffit of pipe is > 1m,

access opening

shall be provided

or 300 mm x 300 mm

Class B engineering

brickwork or precast

concrete cover frame

sitting on

bedding

Granular type 1

sub-base material

to Clause E2.43

(thickness varies)

Minimum internal dimensions

450 mm diameter or

450 mm x 450 mm

Minimum 150 mm thick

sub-base material

to Clause E2.43

or GENS in-situ concrete

surround complying with E4.1

and BRE Special Digest 1

manifolds' instruction

Base unit to have all

connections with joints

levels set to lower than

that of the main pipe

Invert of connecting pipe at least

50 mm above that of the main pipe

Granular bedding material

Joints between base and

shaft and between shaft

and between shaft

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PRIVATE HIGHWAY

TYPE 'D' INSPECTION CHAMBER

F2

F1

FO

1L 108.375

1L 108.300

EXISTG. SEWER
108.165

160MM @ 1:120

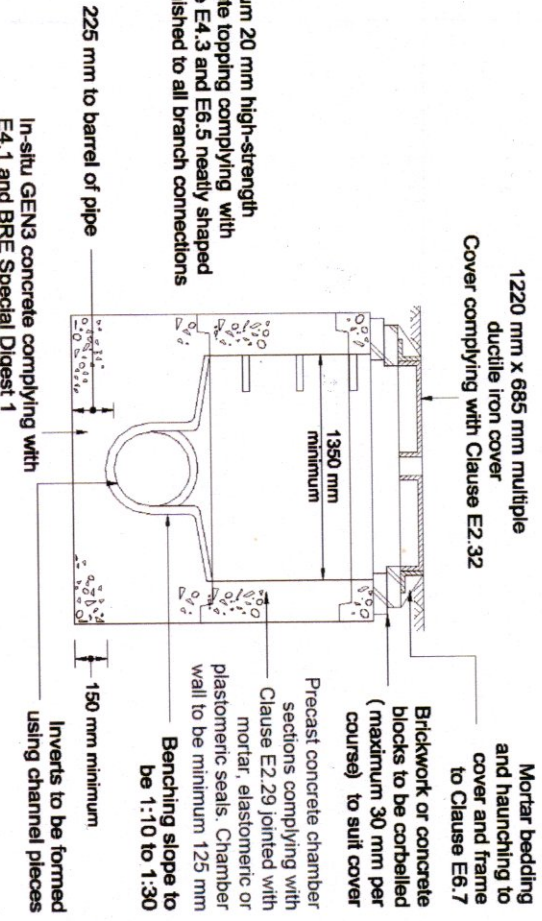
160MM @ 1:45

1:100 H, 1:50 V.

F1/F2/F3/F4/F5/F6
ALL POINTS DRAINAGE
MAINTAINED BY
RESIDENTS MANAGEMENT
COMPANY.

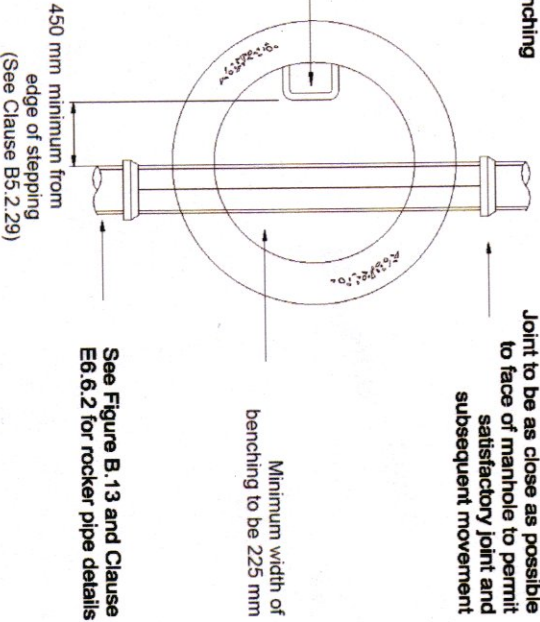
131540N

Figure B 15
Typical manhole detail - Type C
Depth from cover level to soffit of pipe less than 1.5 m
Maximum pipe size 450 mm diameter
Rigid material construction



Minimum 20 mm high-strength concrete topping complying with Clause E4.3 and E6.3 heavily stippled and finished to all branch connections

Internal dimensions of manhole normally 1350 mm but manhole diameter should be increased for pipes larger than 450 mm diameter to give 25 mm benching in accordance with E6.2.29



Note: The use of precast concrete chamber units to E2.29 with 150 mm GENS in-situ concrete complying with E4.1 and BRE Special Digest 1 in place of brickwork construction is permitted.

