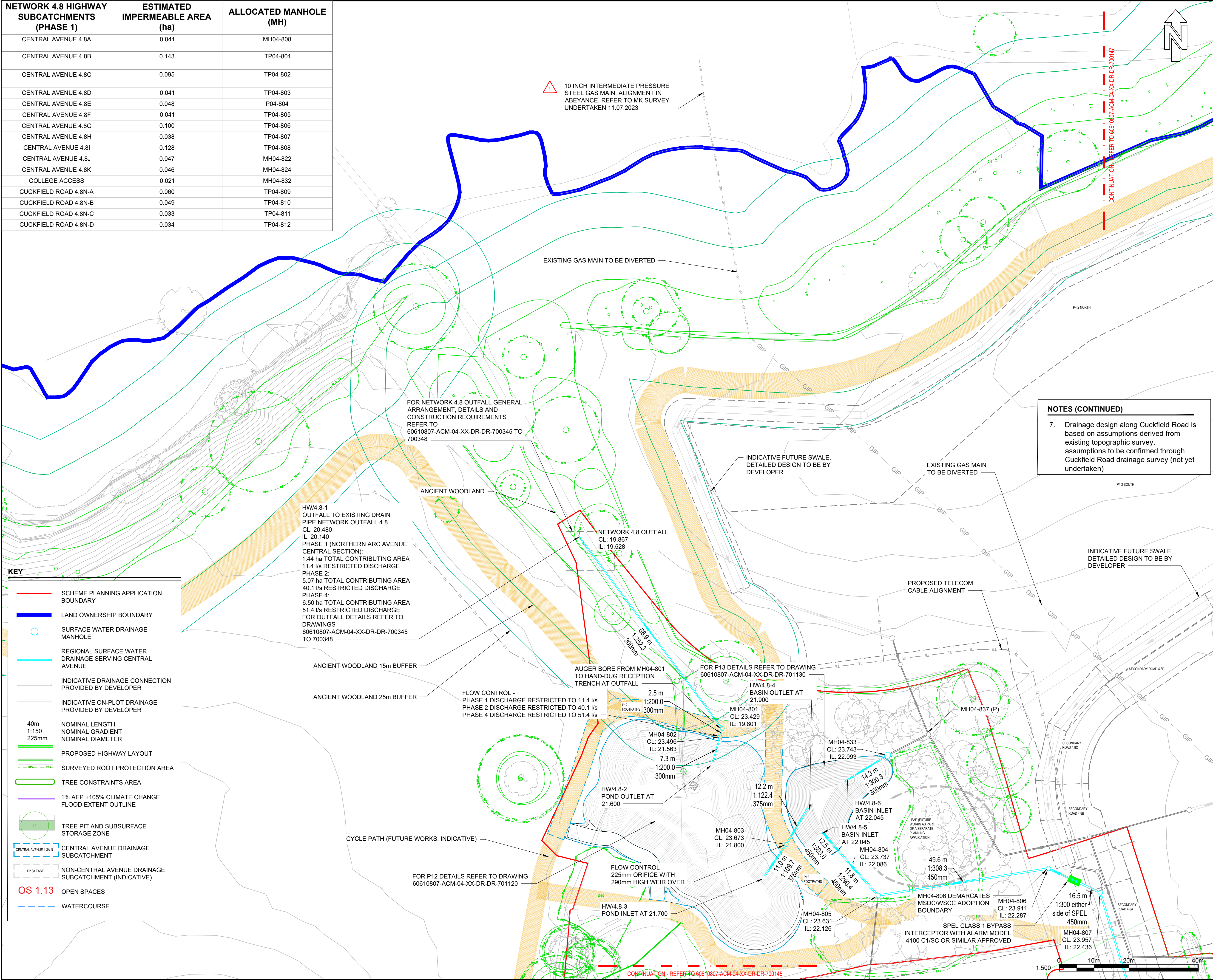


NETWORK 4.8 HIGHWAY SUBCATCHMENTS (PHASE 1)	ESTIMATED IMPERMEABLE AREA (ha)	ALLOCATED MANHOLE (MH)
CENTRAL AVENUE 4.8A	0.041	MH04-808
CENTRAL AVENUE 4.8B	0.143	TP04-801
CENTRAL AVENUE 4.8C	0.095	TP04-802
CENTRAL AVENUE 4.8D	0.041	TP04-803
CENTRAL AVENUE 4.8E	0.048	P04-804
CENTRAL AVENUE 4.8F	0.041	TP04-805
CENTRAL AVENUE 4.8G	0.100	TP04-806
CENTRAL AVENUE 4.8H	0.038	TP04-807
CENTRAL AVENUE 4.8I	0.128	TP04-808
CENTRAL AVENUE 4.8J	0.047	MH04-822
CENTRAL AVENUE 4.8K	0.046	MH04-824
COLLEGE ACCESS	0.021	MH04-832
CUCKFIELD ROAD 4.8N-A	0.060	TP04-809
CUCKFIELD ROAD 4.8N-B	0.049	TP04-810
CUCKFIELD ROAD 4.8N-C	0.033	TP04-811
CUCKFIELD ROAD 4.8N-D	0.034	TP04-812



KEY

- SCHEME PLANNING APPLICATION BOUNDARY
- LAND OWNERSHIP BOUNDARY
- SURFACE WATER DRAINAGE MANHOLE
- REGIONAL SURFACE WATER DRAINAGE SERVING CENTRAL AVENUE
- INDICATIVE DRAINAGE CONNECTION PROVIDED BY DEVELOPER
- INDICATIVE ON-PLOT DRAINAGE PROVIDED BY DEVELOPER
- NOMINAL LENGTH
1:150
225mm
- PROPOSED HIGHWAY LAYOUT
- SURVEYED ROOT PROTECTION AREA
- TREE CONSTRAINTS AREA
- 1% AEP +105% CLIMATE CHANGE FLOOD EXTENT OUTLINE
- TREE PIT AND SUBSURFACE STORAGE ZONE
- CENTRAL AVENUE DRAINAGE SUBCATCHMENT
- NON-CENTRAL AVENUE DRAINAGE SUBCATCHMENT (INDICATIVE)
- OPEN SPACES
- WATERCOURSE

40m
1:150
225mm

PROPOSED HIGHWAY LAYOUT

SURVEYED ROOT PROTECTION AREA

TREE CONSTRAINTS AREA

1% AEP +105% CLIMATE CHANGE FLOOD EXTENT OUTLINE

TREE PIT AND SUBSURFACE STORAGE ZONE

CENTRAL AVENUE DRAINAGE SUBCATCHMENT

NON-CENTRAL AVENUE DRAINAGE SUBCATCHMENT (INDICATIVE)

OPEN SPACES

WATERCOURSE

- NOTES (CONTINUED)**
7. Drainage design along Cuckfield Road is based on assumptions derived from existing topographic survey. assumptions to be confirmed through Cuckfield Road drainage survey (not yet undertaken)

AECOM

PROJECT

Brookleigh - Northern Arc avenue Central Section

CLIENT

Homes England

CONSULTANT

AECOM
Aldgate Tower
2 Leman Street
London, E1 8FA
United Kingdom

T +44 (0)2076 452000
www.aecom.com

NOTES

- Do not scale from the drawing.
- All levels shown are in metres above ordnance datum (mAOD) unless stated otherwise.
- Drawing is to be read in conjunction with the following:
60610807-ACM-04-XX-DR-DR-700145 to 700148.
- For drainage long sections refer to drawings
60610807-ACM-04-XX-DR-DR-700245 to 700251.
For manhole schedule refer to
60610807-ACM-04-XX-DR-DR-700545
For pond and detention basin general arrangements, including overflow bypass pipework and references, refer to
60610807-ACM-04-XX-DR-DR-701120 and 701130.
For typical details including tree pit detail refer to
60610807-ACM-XX-XX-DR-DR-702000 to 702008.
For drainage specification refer to document
60610807-ACM-XX-XX-RP-DR-700000.
- Contributing drainage areas have been estimated from finished topography and assigned to a manhole within the drainage model.
- Attenuation volumes are from Microdrainage model
60610807-ACM-04-XX-CU-DR-700048.

SUITABILITY

S3 FOR REVIEW & COMMENT

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P02	20.12.2024	SECOND ISSUE
P01	12.01.2024	FIRST ISSUE

KEY PLAN

PROJECT NUMBER

60610807

SHEET TITLE

DRAINAGE NETWORK 4.8
HIGHWAY DRAINAGE LAYOUT PLAN
SHEET 2 OF 4

SHEET NUMBER

60610807-ACM-04-XX-DR-DR-700146

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability, whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.