



# DRAINAGE MAINTENANCE PLAN



EASTMERE STABLES,  
EASTERGATE

## DRAINAGE MAINTENANCE PLAN

for

EASTMERE STABLES, EASTERGATE

**Client:**  
Shopland Gray

| ISSUE       |             | B           | C           | D           |
|-------------|-------------|-------------|-------------|-------------|
| Issued By   | C Hendry    | C Hendry    | C Hendry    | C Hendry    |
| Date        | 01.04.2025  | 19.05.2025  | 27.08.2025  | 26.03.2026  |
| Purpose     | Information | Information | Information | Information |
| Approved By | CH          | CH          | CH          | CH          |

Project No. AAL436

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## 1.0 An introduction to sustainable drainage systems or SuDS

SuDS are an environmentally friendly approach to managing rainfall that uses landscape features to deal with surface water. SuDS aim to:

- Control the flow, volume and frequency of water leaving a development area
- Prevent pollution by intercepting silt and cleaning runoff from hard surfaces
- Provide attractive surroundings for the community
- Create opportunities for wildlife

## 2.0 SuDS on Site

SuDS at this development have been designed to prevent flooding of both the proposed properties, neighbouring properties, and external hard landscaping.

Surface water run-off is directed into the large permeable infiltration blanket within the site, which infiltrates all surface water run-off into the permeable soils below.

## 3.0 SuDS Maintenance Schedule

### General Maintenance

In addition to the maintenance of specific SuDS features, such as attenuation tanks, the following table outlines general maintenance requirement of the surface water system.

| Maintenance Schedule | Required Action                                                                    | Frequency |
|----------------------|------------------------------------------------------------------------------------|-----------|
| Regular Maintenance  | Remove sediment & debris from pre-treatment devices & floor of inspection chambers | Annually  |
|                      | Cleaning of any gutters & any                                                      | Annually  |

|            |                                                           |                                             |
|------------|-----------------------------------------------------------|---------------------------------------------|
|            | filters on downpipes                                      |                                             |
|            | Trimming and roots that may be causing blockages          | Annually (or as required)                   |
| Monitoring | Inspect silt traps and note rate of sediment accumulation | Monthly in the first year and then annually |

### Yard Gullies

| Maintenance Schedule | Required Action                                            | Frequency                                                           |
|----------------------|------------------------------------------------------------|---------------------------------------------------------------------|
| Regular Maintenance  | Remove sediment & debris from grating and empty silt trap. | Monthly in the first year and then as required based on inspections |
| Monitoring           | Inspect silt traps and note rate of sediment accumulation  | Monthly in the first year and then annually                         |
|                      | Inspect for evidence of poor operation                     | Six monthly                                                         |

### Sump Catchpit Manholes

| Maintenance Schedule | Required Action                                                                   | Frequency                                                           |
|----------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Regular Maintenance  | Remove sediment & debris from sump                                                | Monthly in the first year and then as required based on inspections |
| Monitoring           | Inspect sediment accumulation rates and establish appropriate removal frequencies | Monthly in the first year and then annually                         |

### Permeable Paving

Permeable surfaces including permeable block paving, porous asphalt, gravel or free draining soils that allow rain to percolate through the surface into underlying drainage

layers. They must be protected from silt, sand, compost, mulch, etc. Permeable block paving and porous asphalt can be cleaned by suction brushing.

| Maintenance Schedule   | Required Action                                                                                                                     | Frequency                                                                                                                                                                                                                                                                                                      |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regular Maintenance    | Brushing and vacuuming<br>(standard cosmetic sweep over whole surface)                                                              | Once a year, after autumn leaf fall, or reduced frequency as required, based on site-specific observations of clogging or manufacturer's recommendations – pay particular attention to area where water runs onto pervious surface from adjacent impermeable areas as this is most likely to collect sediment. |
| Occasional Maintenance | Stabilise and mow contributing and adjacent areas                                                                                   | As required                                                                                                                                                                                                                                                                                                    |
|                        | Removal of weeds or management using glyphosate applied directly into weeds by an applicator rather than spraying                   | As required – once per year on less frequently used pavements                                                                                                                                                                                                                                                  |
| Remedial Actions       | Remediate any landscaping which, though vegetation maintenance or soil slip, has been raised to within 50mm of the level of paving. | As required                                                                                                                                                                                                                                                                                                    |

## 4.0 SuDS Maintenance Responsibility

The maintenance of the SuDS features, and drainage generally will be funded by the residents. They may set up a company that will formally appoint a drainage contractor (under a service agreement) to inspect and maintain the apparatus at the required frequency.

## 5.0 Foul Drainage on Site

Foul water drainage refers to grey water and sewage and potentially wash-down water from plant rooms and bin stores or waste storage areas.

The foul drainage system at on site comprises a piped network that discharges by gravity into the existing public foul sewer within Eastergate Lane.

## 6.0 Foul Drainage Maintenance

The foul drainage system has been designed in accordance with the relevant codes of practice and should achieve self-cleansing velocity with the anticipated foul water flows. Maintenance of the system should therefore be minimal, but blockages may occur with improper use, such as inappropriate objects being flushed down toilets, in which case rodding or jetting may be required. This work should be carried out on an ad hoc basis by a specialist contractor.

## 7.0 Record Keeping

Records should be kept of all maintenance activities as part of the ongoing maintenance regime. A suggested format for record keeping is given below.

| Date | Location | Action | Notes | Next Inspection |
|------|----------|--------|-------|-----------------|
|      |          |        |       |                 |
|      |          |        |       |                 |

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|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |

## 8.0 Risks Due to Lack of Maintenance

Failure to suitably inspect and maintain the drainage system is likely to eventually lead to a failure in the system to convey the run-off and this therefore is likely to lead to flooding. For example, if the silt in the surface water catch-pits is allowed to fill above the level of the catchpits themselves, then excessive silt will build up in the pipes and diffuser units, which will reduce their capacity and, if left long enough, lead to flooding on site.

## 9.0 Accidental Spillages

Most spillages on development sites are of compounds that do not pose a serious risk to the environment if they enter the drainage in a slow and controlled manner with time available for natural breakdown in a treatment system. Therefore small spillages of oil, milk or other known organic substances should be removed where possible using soak mats as recommended by the Environment Agency with residual spillage allowed to bio-remediate in the drainage system.

In the event of a serious spillage, either by volume or of unknown or toxic compounds, then isolate the spillage with soil, turf or fabric and block outlet pipes from chamber(s) downstream of the spillage with a bung(s). (A bung for blocking pipes may be made by wrapping soil or turf in a plastic sheet or close woven fabric.) Contact the Environment Agency immediately.

## 10.0 Future Alterations to the Drainage Regime

Future alterations to the drainage regime should be checked and approved by a suitably qualified civil engineering designer prior to implementation on site.



## 11.0 Emergency Procedures and Contacts

In the event of flooding of the drainage system on site, contact the following:

**Shopland Grey Developments / appointed Management Company**

In the event of any situation that may cause physical harm or injury, contact the  
**Emergency Services/999**

## 12.0 CDM/Health and Safety

The design of the system has avoided unusually deep manholes and/or drainage basins. The CDM risk associated with the maintenance of the drainage system is not considered to have any residual CDM risks beyond that which a competent contractor should be able to manage effectively.

## 13.0 Handover

A full inspection of the drainage system is to be completed by the contractor prior to handover. This should include, but not be limited to, the following:

- As built survey of the drainage confirming position, levels and diameters of all installed features for comparison to the design intent.
- CCTV survey of the drainage system to ensure all lines are in a suitable condition and free of debris.
- The inspection should include all manholes, gullies, channel drain and permeable surfaces, to ensure all are fit for purpose, in accordance with the design and to ensure they are in good condition.



ARCH  
ASSOCIATES

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## APPENDIX – DESIGN DRAWINGS

nnisdale

The Oaks

Eastmere House

Eastergate Lane

15.2m

LEVELS TO TIE BACK INTO  
EXISTING BOUNDARY

UNBOUND SURFACE TO  
BE GRADED TO SUIT  
LEVELS

DEMARCATION KERB

CARRIAGEWAY TIE TIN  
CONSTRUCTION

LEGEND

EXISTING HIGHWAY BOUNDARY

CS1 KERB – 0mm UPSTAND  
DEMARCATION SINGLE ROW  
(WSCC DWG S278/38/03)

BN KERB – 25mm UPSTAND  
(WSCC DWG S278/38/02)

EF EDGING FLAT TOP  
(WSCC DWG S278/38/02)

GRASS VERGE

TYPE 1 PEDESTRIAN FOOTWAY /CYCLE  
WAY CONSTRUCTION (WSCC DWG  
S278/38/04)

ADOPTABLE ACCESS ROAD CONSTRUCTION  
(WSCC DWG S278/38/21)

PRIVATE ACCESS SURFACE REGRADED TO  
SUIT (CONSTRUCTION TBC)

PRIVATE DRIVEWAYS TARMAC  
CONSTRUCTION

PERMEABLE CONCRETE BLOCK PAVING  
(INFILTRATION)

PERMEABLE CONCRETE BLOCK PAVING  
(IMPERMEABLE GEOTEXTILE NO INFILTRATION)

PERMEABLE CONCRETE BLOCK PAVING  
(CONTRASTING COLOUR)

PAVING SLABS 600X 600mm

PAVING SLABS 450 X 450mm

NOTES

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2. ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.

3. ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.

4. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.

5. THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.

6. MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.

7. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

COLOURED  
DRAWING  
REQUEST A COLOURED COPY IF  
THIS STAMP IS NOT RED

C01

16.05.2025

CONSTRUCTION ISSUE

JH

P01

12.02.2025

PRELIMINARY ISSUE FOR COMMENT

JH

Rev.

Date

Description

By

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01489 890004

admin@archassociates.co.uk

www.archassociates.co.uk

Client

SHOPLAND GRAY DEVELOPMENTS

Architect

SYMMETRY ARCHITECTURE

Project title

LAND AT EASTMERE STABLES  
EASTERGATE LANE  
EASTERGATE

Drawing title

PROPOSED HARD  
LANDSCAPING PLAN

Scale

1:250

Paper size

A1

Date

FEB 2025

Drawn by

JH

Checked by

CH

Status

S0

Name

Project code

Original

Functional

Spatial

Form

Number

Revision

AAL436-AAL

- SF

- XX

- DR

- C

- 5201

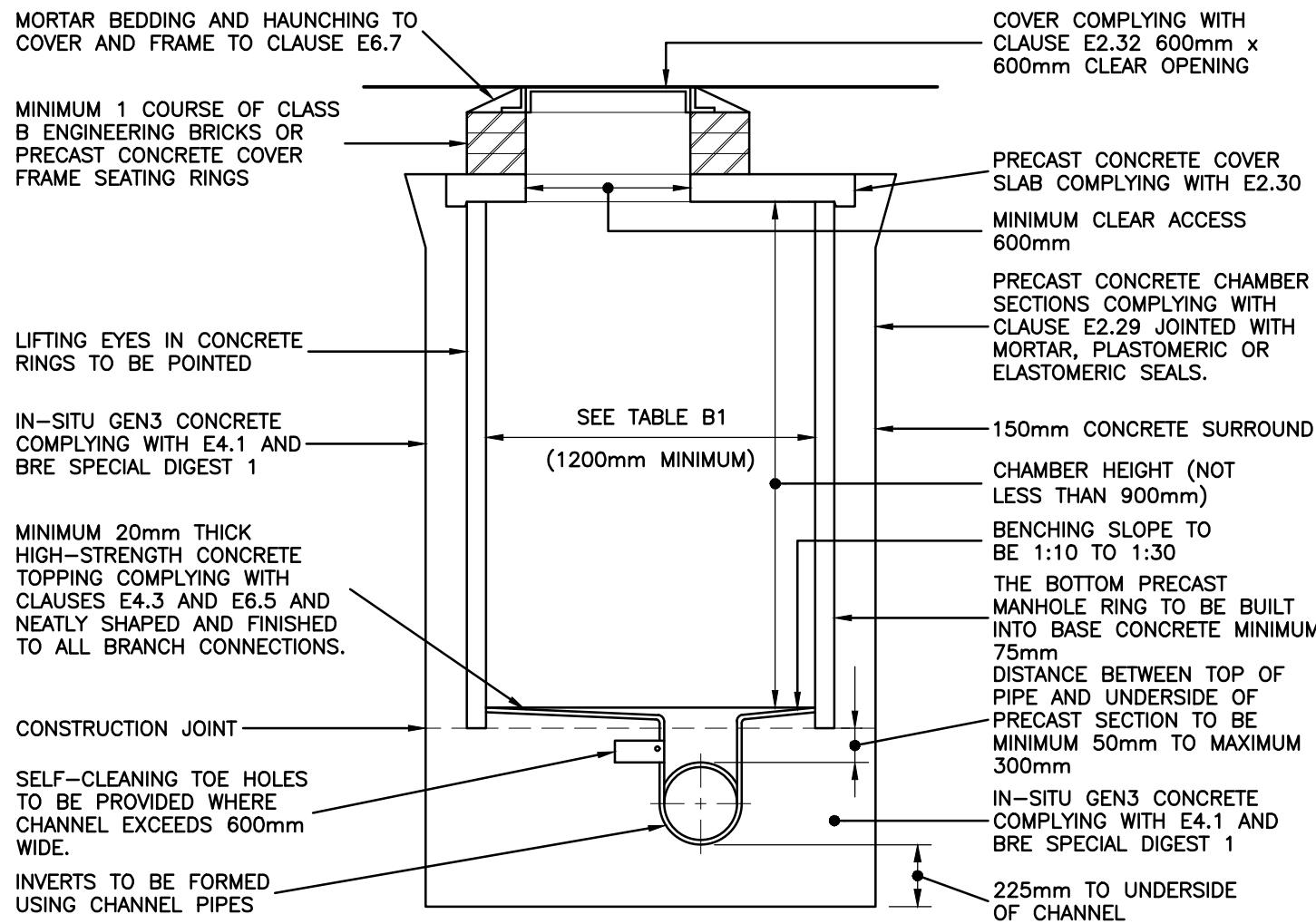
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1:250

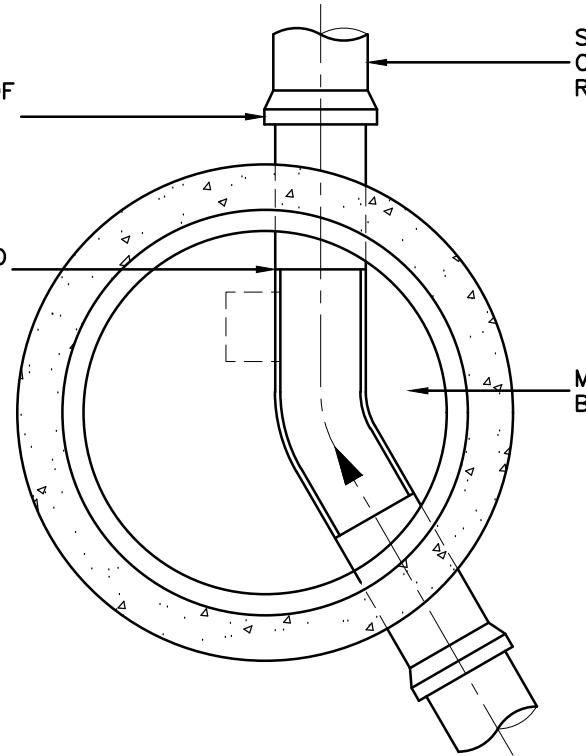
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20.0



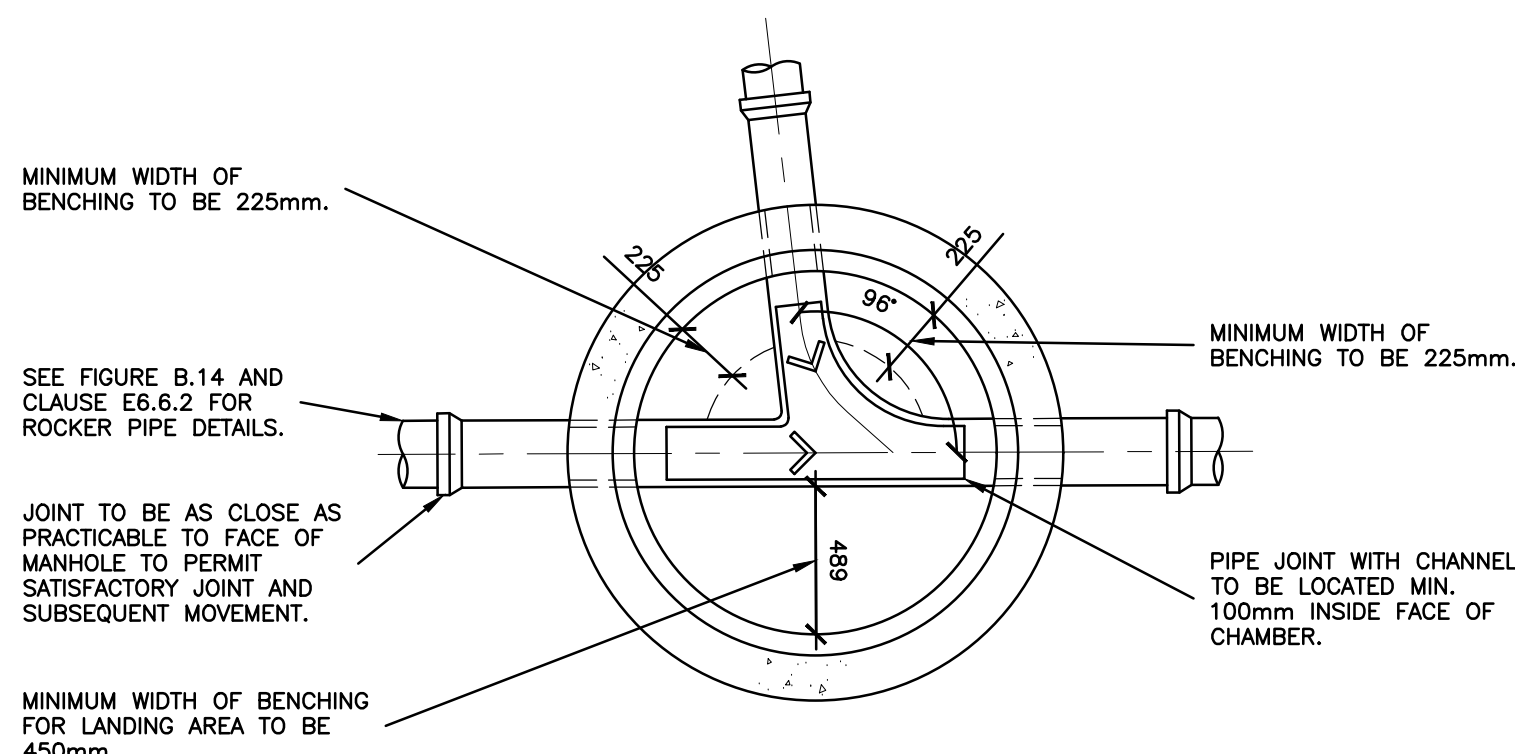
SECTION



PLAN

**TYPICAL MANHOLE DETAIL – TYPE B**

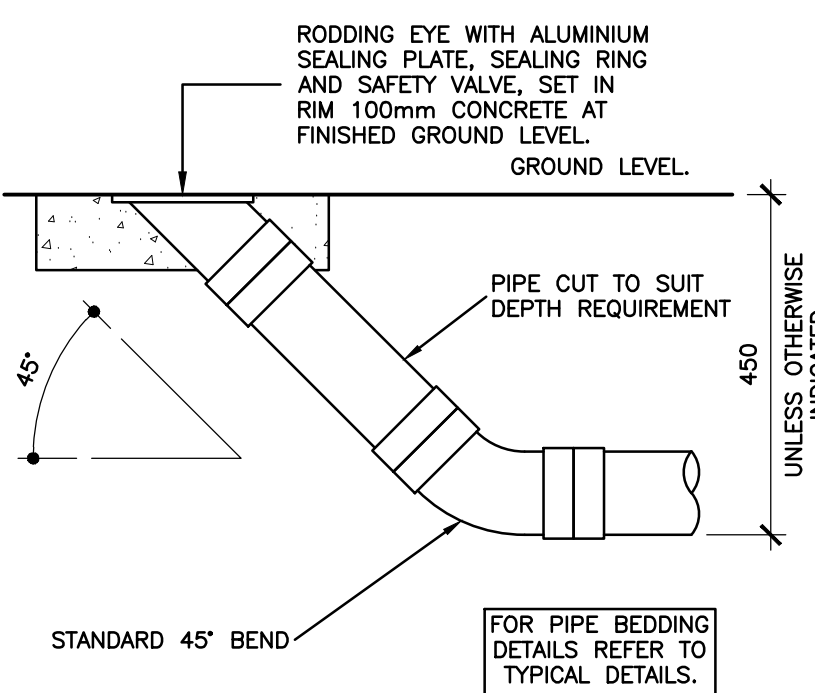
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m–3.0m  
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(SCALE 1:25@A1)



PLAN

**F6 BENCHING ARRANGEMENT**

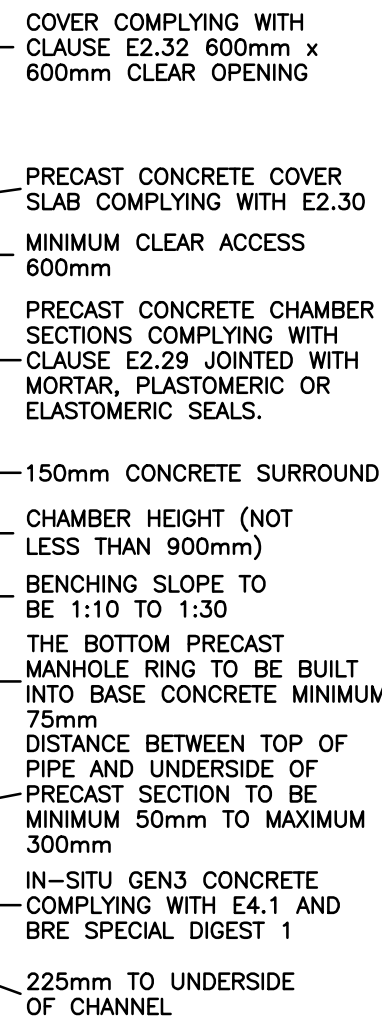
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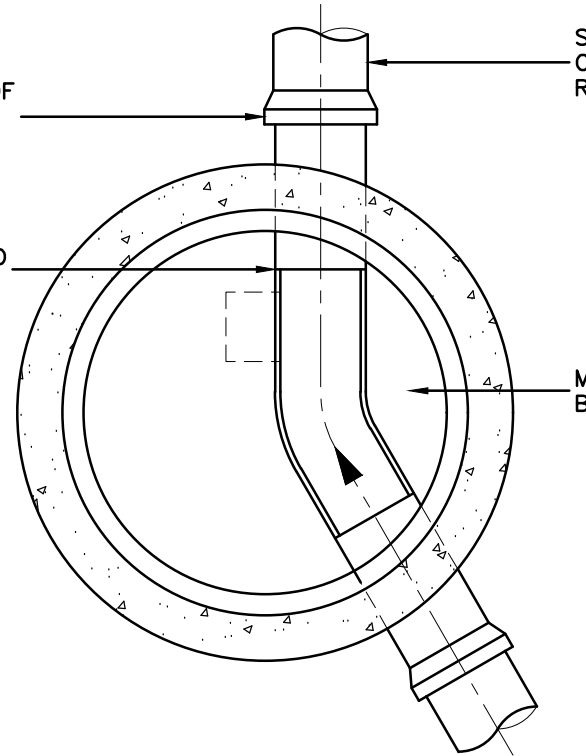
**RODDING EYE DETAIL**

(SCALE 1:10@A1)

TO BE USED IN PEDESTRAIN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING. MAXIMUM DEPTH TO INVERT 600mm.



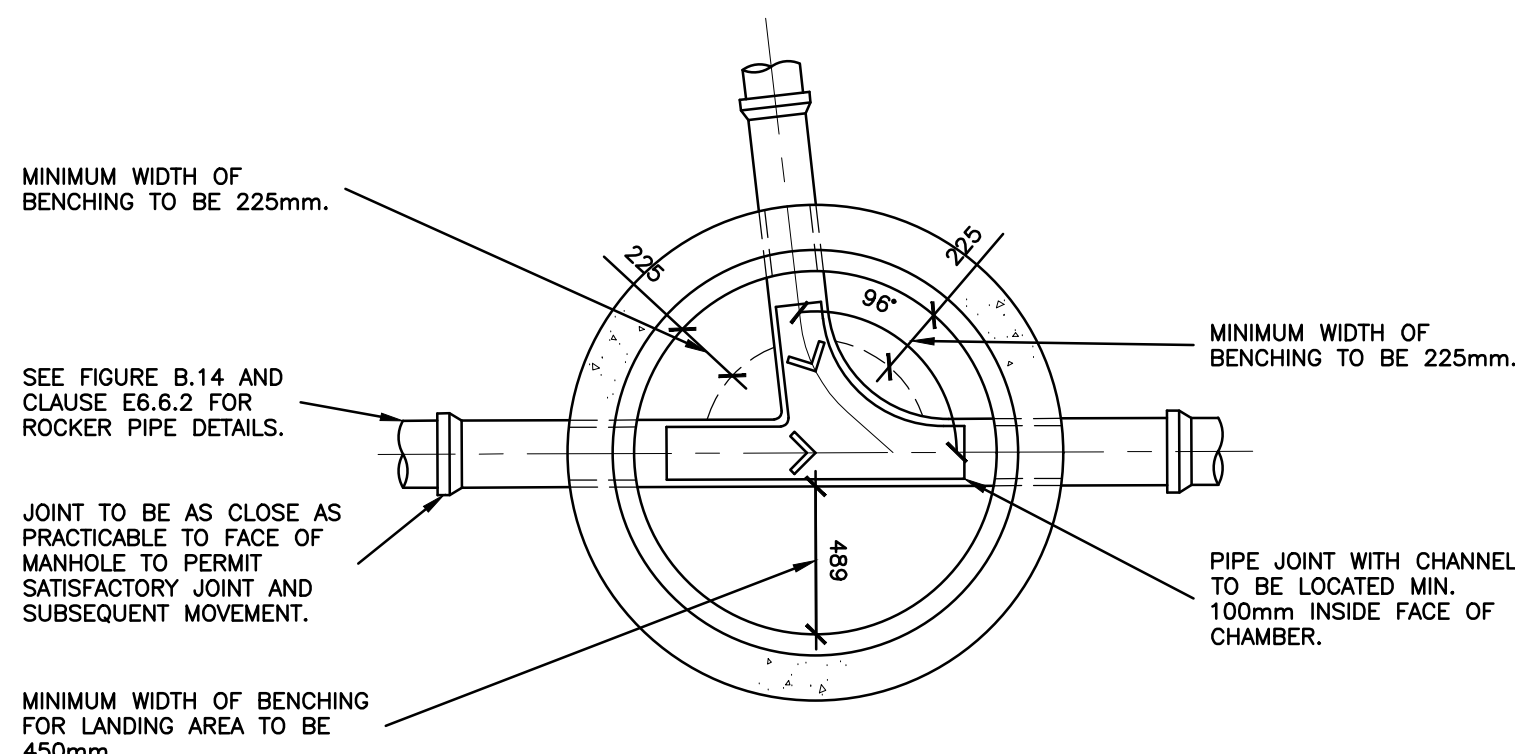
SECTION



PLAN

**TYPICAL MANHOLE DETAIL – TYPE B**

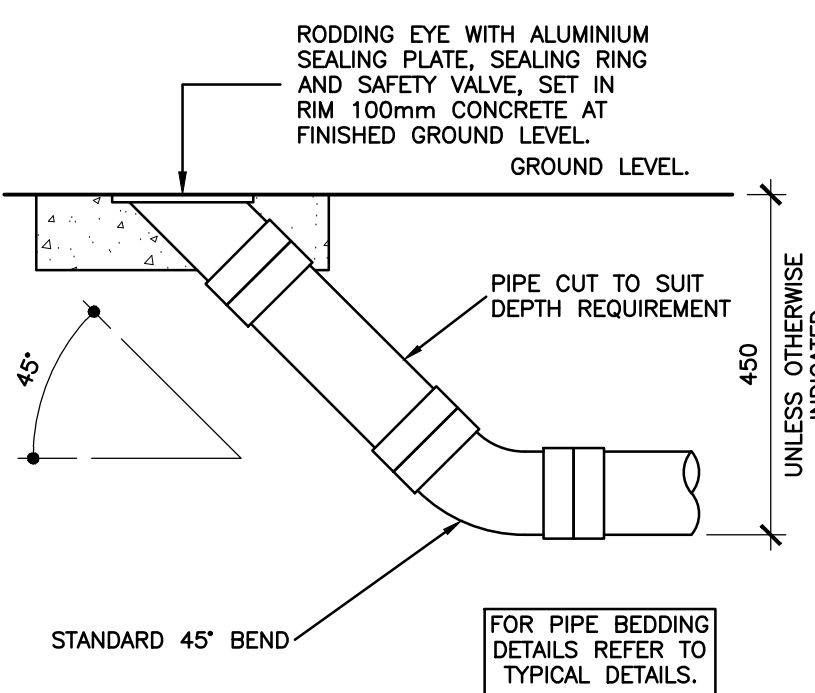
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m–3.0m  
(RIGID MATERIAL CONSTRUCTION WITH CONCRETE SURROUND) (WITHOUT STEP IRONS)  
(SCALE 1:25@A1)



PLAN

**F6 BENCHING ARRANGEMENT**

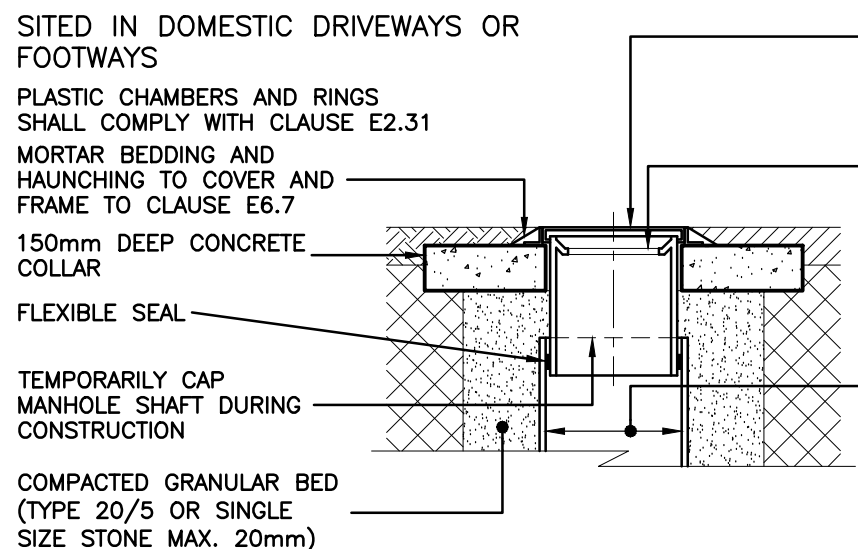
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**RODDING EYE DETAIL**

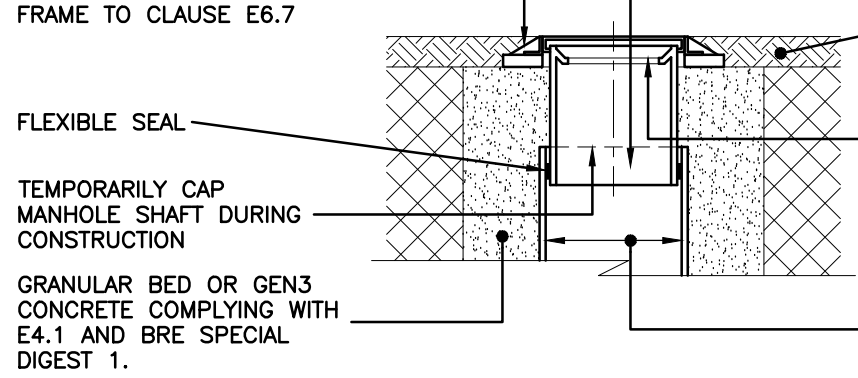
(SCALE 1:10@A1)

TO BE USED IN PEDESTRAIN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING. MAXIMUM DEPTH TO INVERT 600mm.



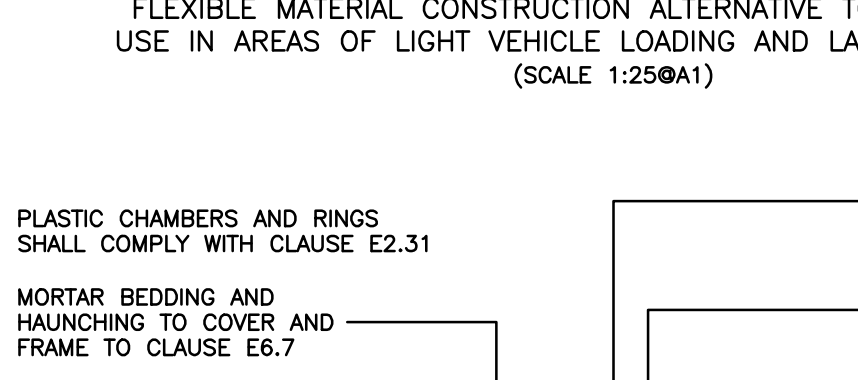
**TYPICAL INSPECTION CHAMBER DETAIL – TYPE D**

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m  
FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING  
(SCALE 1:25@A1)



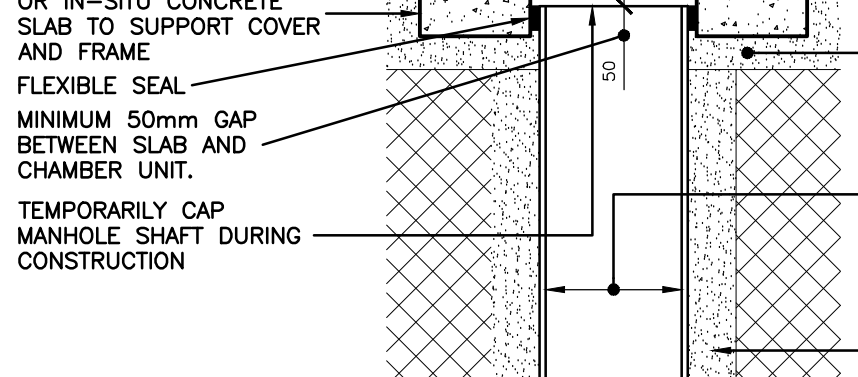
**TYPICAL INSPECTION CHAMBER DETAIL – TYPE D**

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m  
FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING  
(SCALE 1:25@A1)



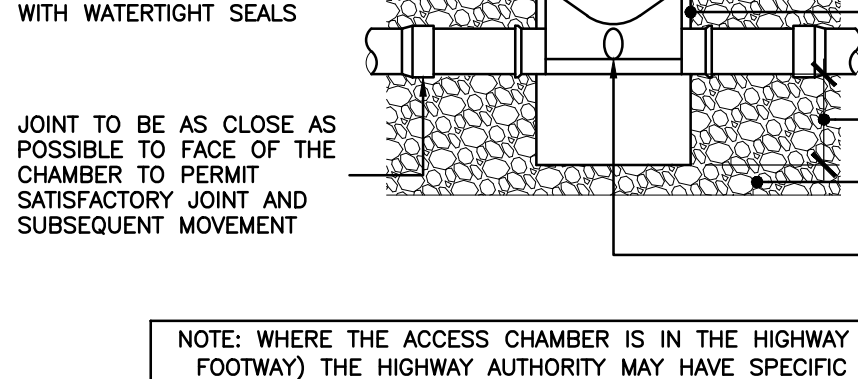
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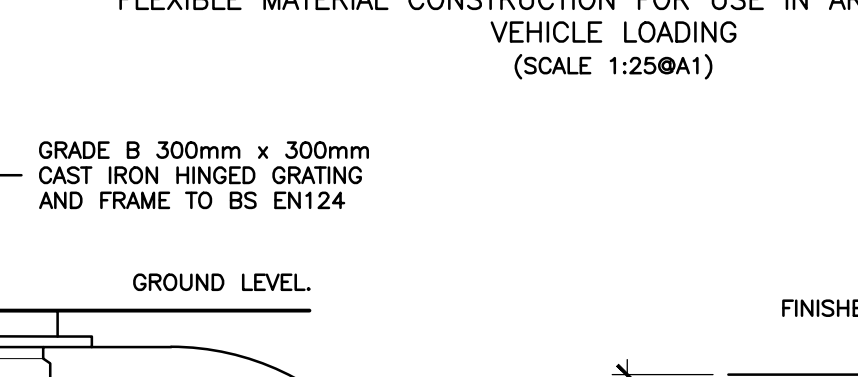
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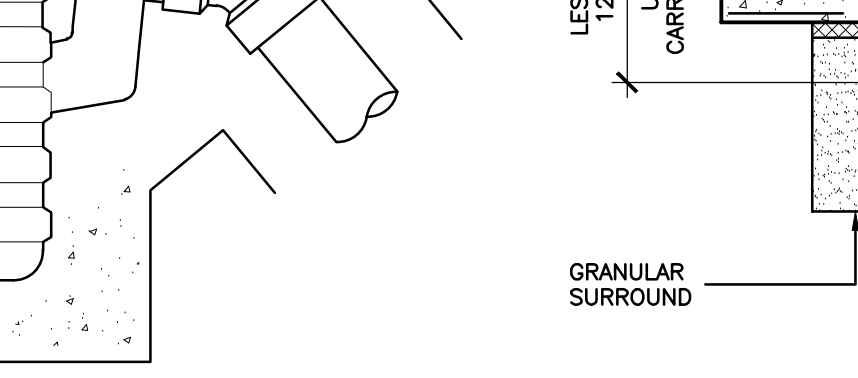
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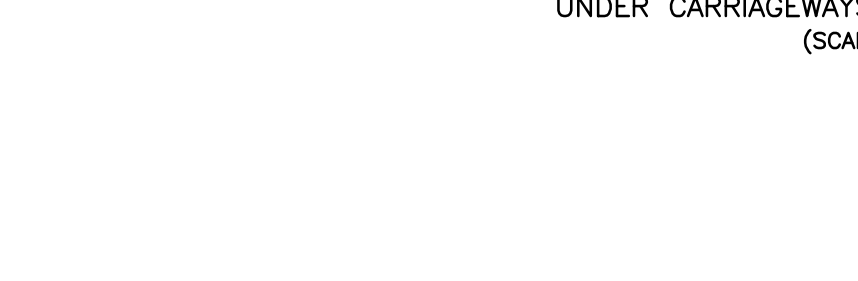
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DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m  
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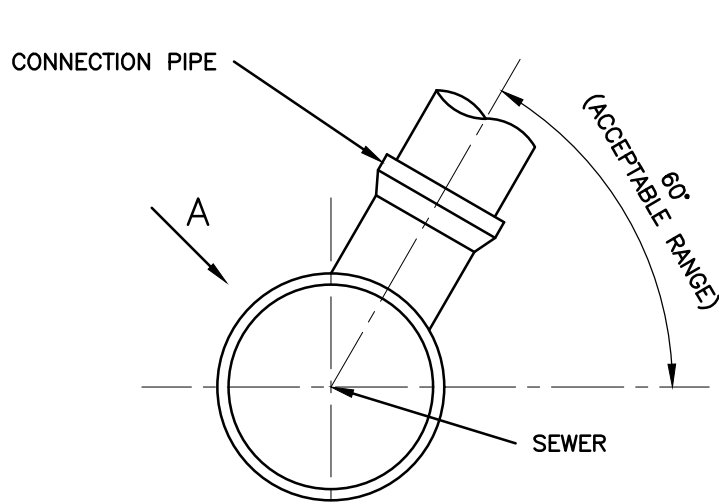
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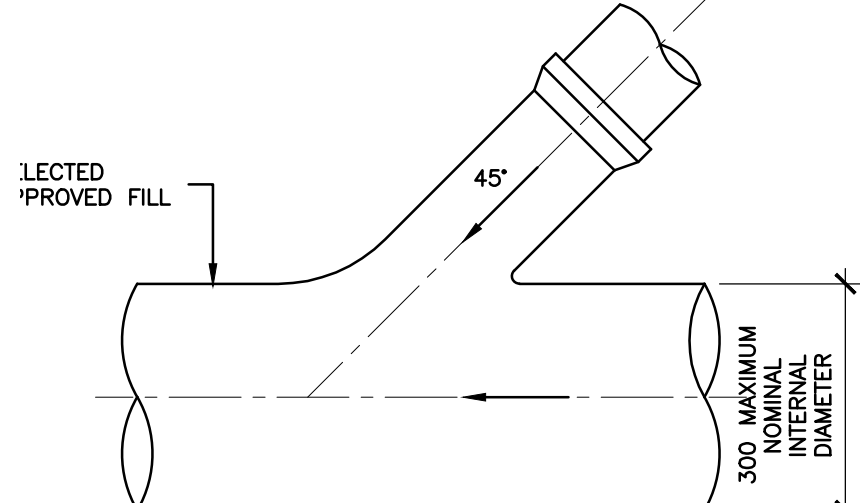
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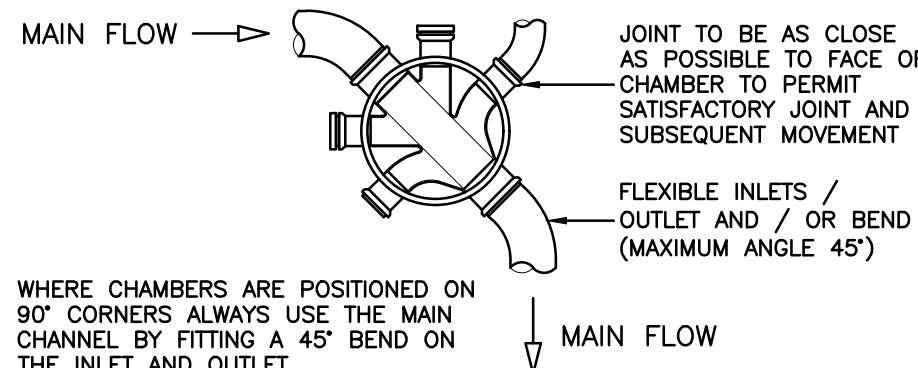
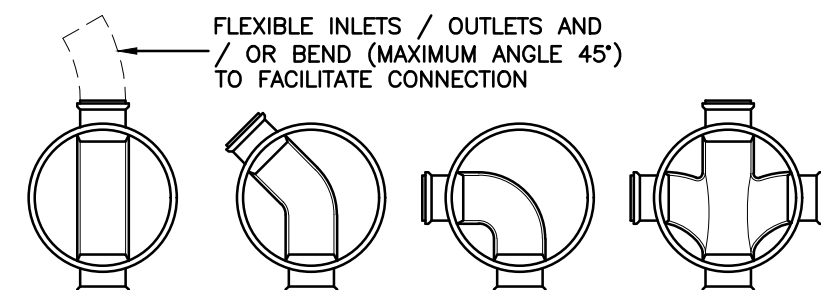
**CROSS-SECTIONAL VIEW OF SEWER CONNECTION**

(SCALE 1:10@A1)



**PLAN VIEWED IN DIRECTION OF ARROW – A**

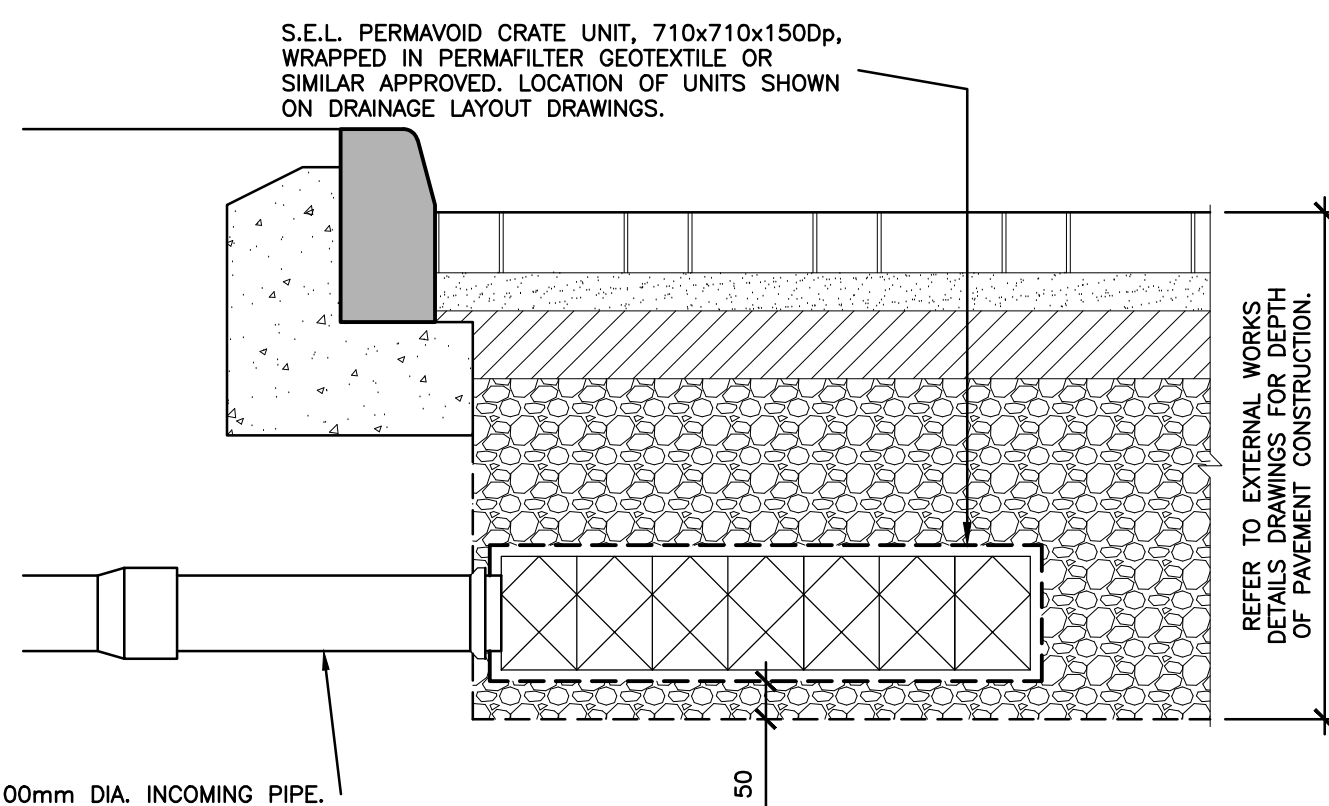
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NOTE: WHERE A BEND IS USED IMMEDIATELY OUTSIDE THE MANHOLE, THIS MAY BE USED AS A ROCKER PIPE.

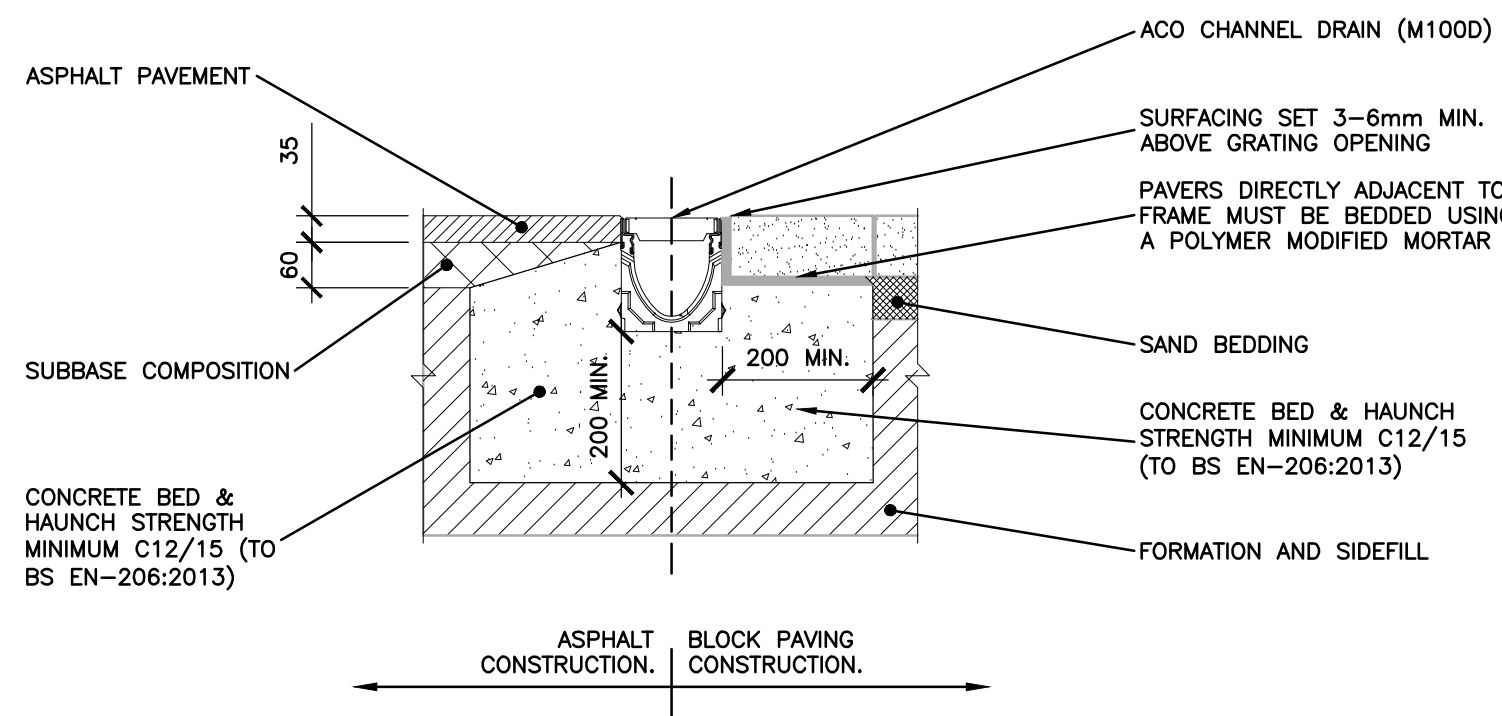
**TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS**

(SCALE 1:25@A1)



**PERMAVOID DISTRIBUTION TANK DETAIL**

(SCALE 1:10@A1)



**ACO CHANNEL DRAIN DETAIL**

(1:10)

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**KEY TO HEALTH AND SAFETY SYMBOLS**

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING
- INDICATES A RESIDUAL RISK FOR INFORMATION

|      |            |                                                     |    |
|------|------------|-----------------------------------------------------|----|
| C04  | 27.08.2025 | PIPE CONNECTION ACO CHANNEL ADDED AND NOTES AMENDED | JH |
| C03  | 03.06.2025 | F6 BENCHING ARRANGEMENT ADDED                       | TA |
| C02  | 29.05.2025 | TYPE B CHAMBER DETAIL ADDED                         | CH |
| C01  | 16.05.2025 | CONSTRUCTION ISSUE                                  | CH |
| P01  | 13.02.2025 | PRELIMINARY ISSUE FOR COMMENT                       | TA |
| Rev. | Date       | Description                                         | By |

**ARCH ASSOCIATES**

01489 890004  
admin@archassociates.co.uk  
www.archassociates.co.uk

Client  
SHOPLAND GRAY DEVELOPMENTS

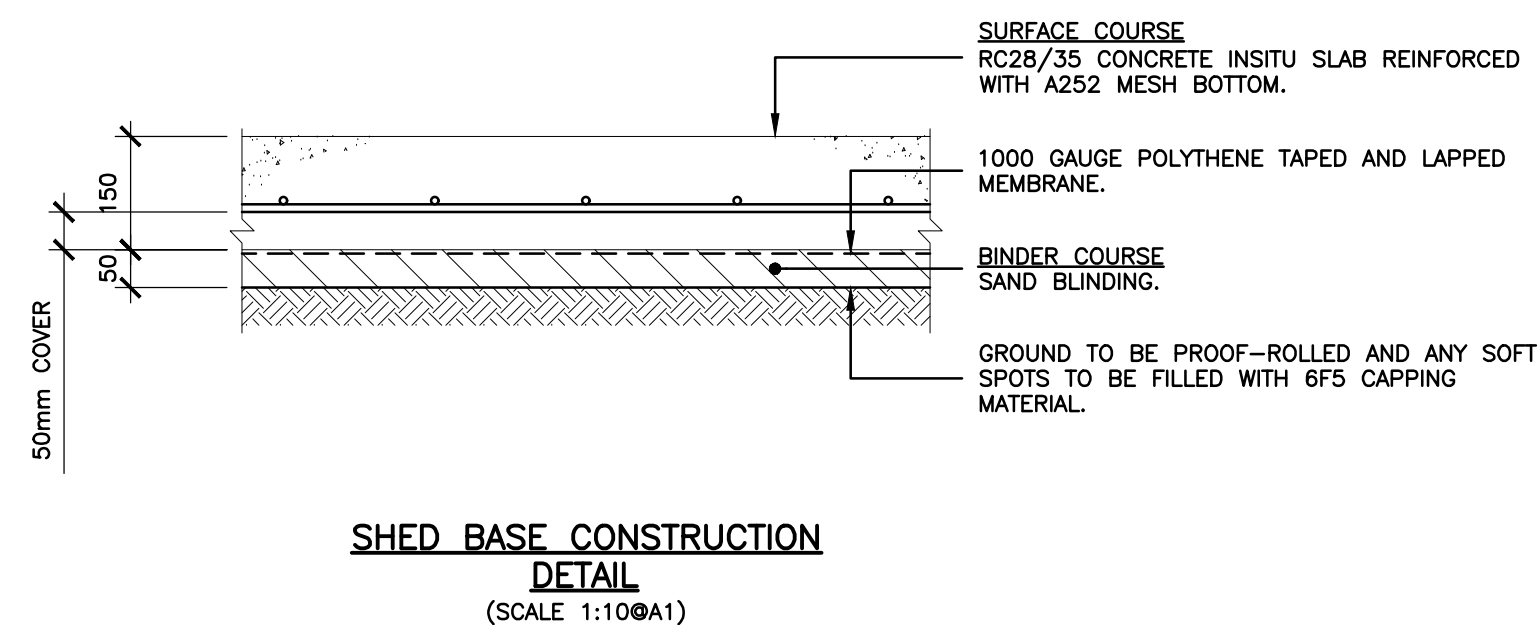
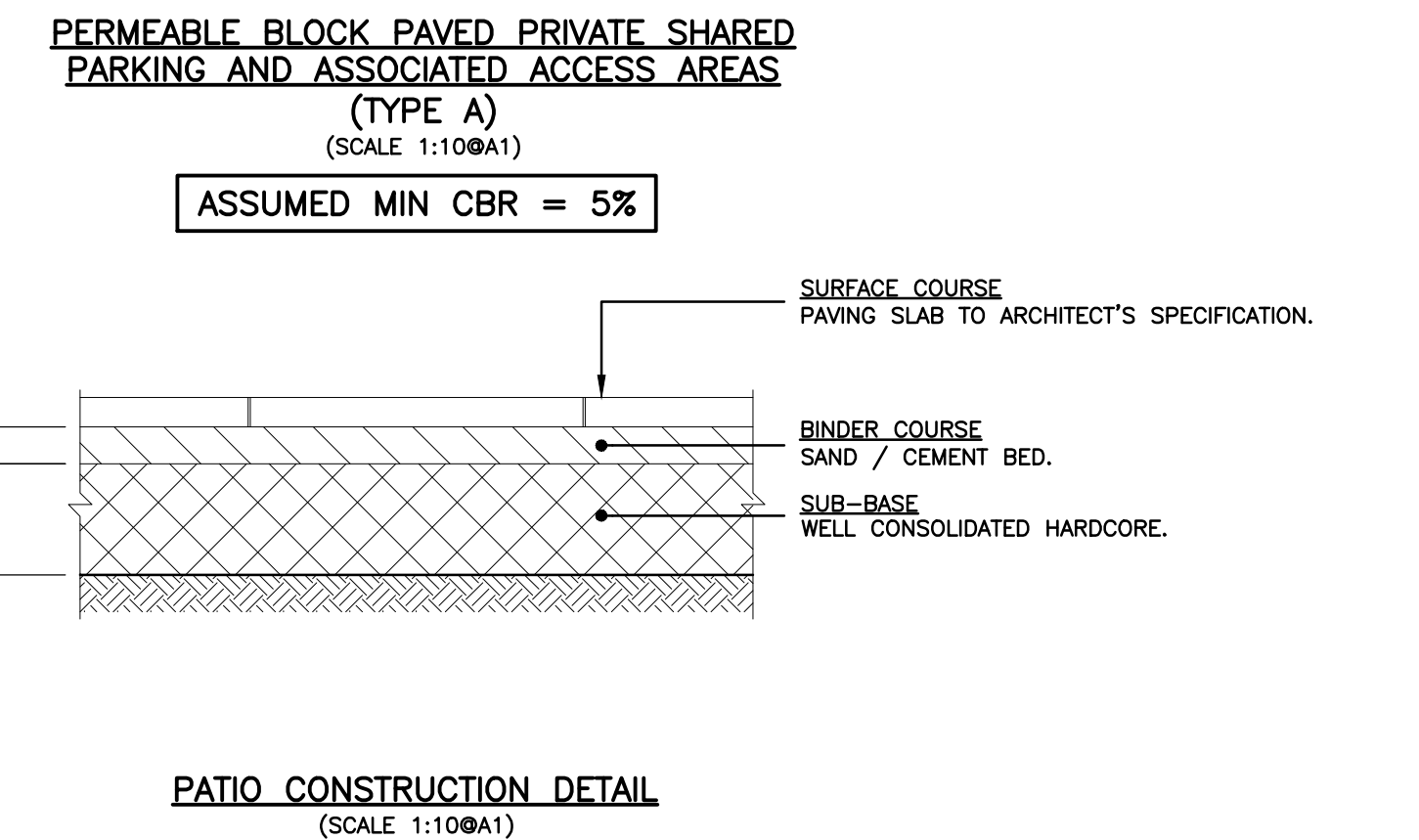
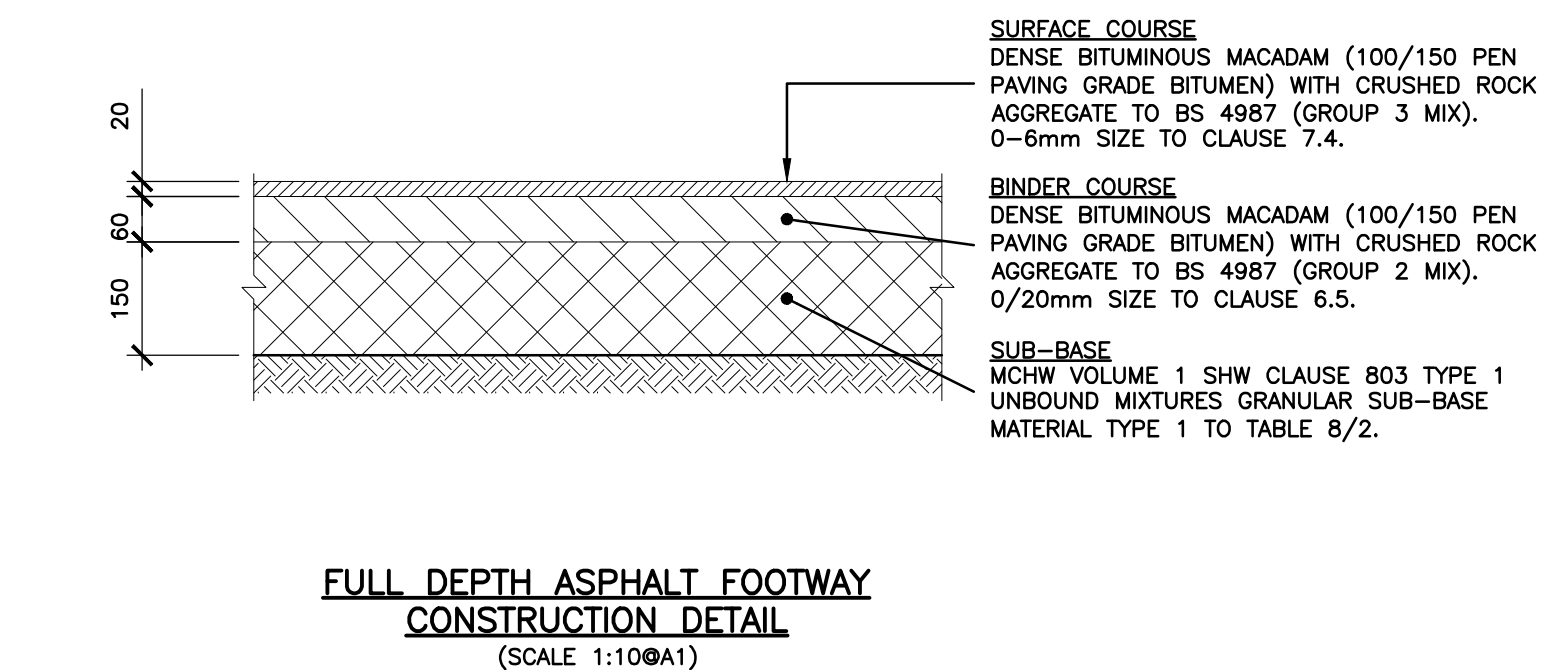
Architect  
SYMMETRY ARCHITECTURE

Project title  
**LAND AT EASTMERE STABLES  
EASTERGATE LANE  
EASTERGATE**

Drawing title  
**DRAINAGE DETAILS.**

|          |            |          |          |            |        |
|----------|------------|----------|----------|------------|--------|
| Scale    | Paper size | Date     | Drawn by | Checked by | Status |
| AS SHOWN | A1         | FEB 2025 | TA       | CH         | S3     |

Name  
Project code  
Original Functional Spatial Form  
AAL436-AAL-ED-XX-DD-C-5550-C04

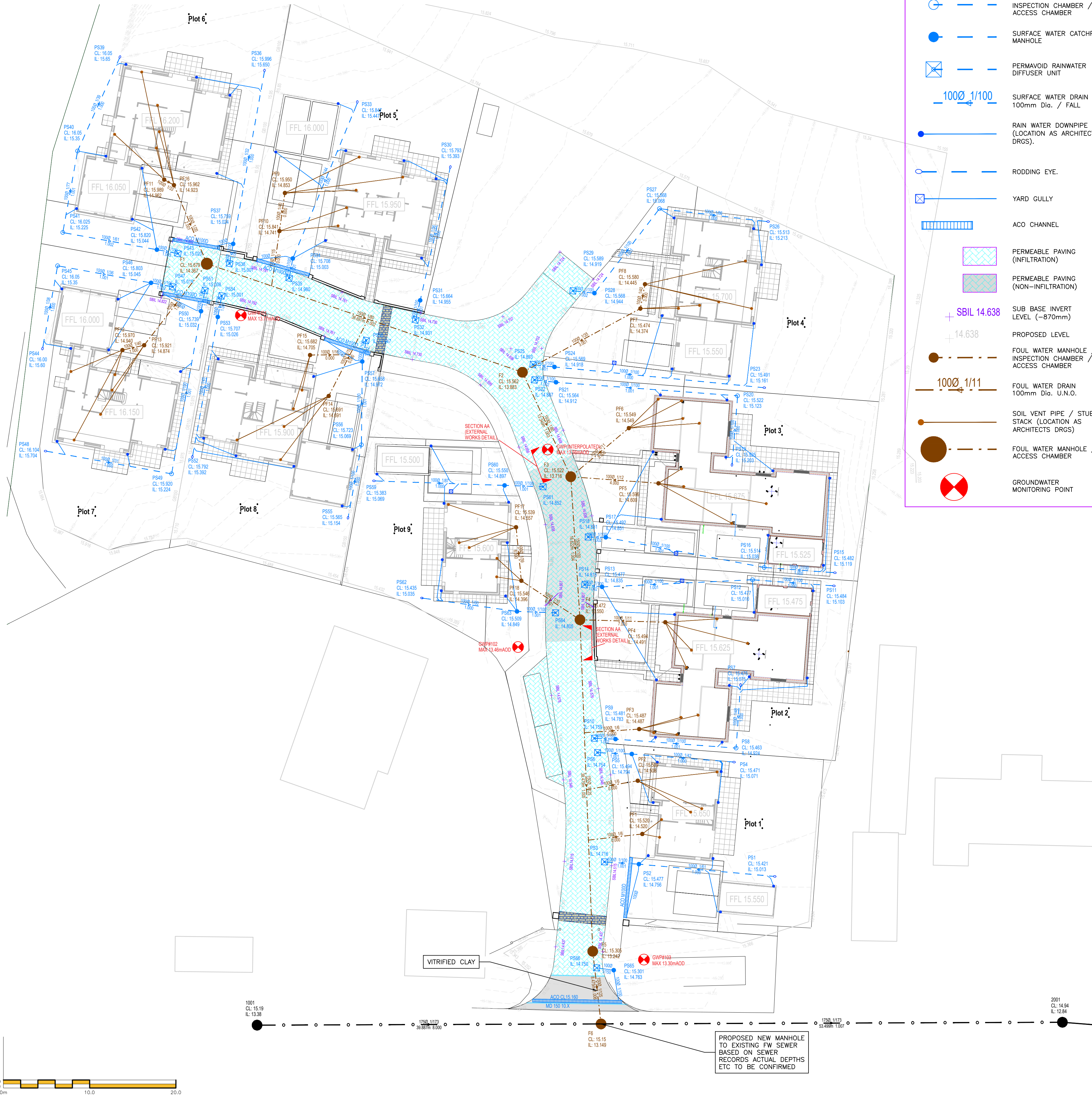
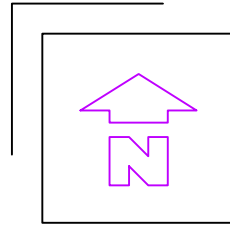


|                                                                                                                                          |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| KEY TO HEALTH AND SAFETY SYMBOLS                                                                                                         |                                                          |
| THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING |                                                          |
|                                                       | INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION  |
|                                                       | INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION |
|                                                       | INDICATES A RESIDUAL RISK AS A WARNING                   |
|                                                       | INDICATES A RESIDUAL RISK FOR INFORMATION                |

The logo for Arch Associates features a stylized 'A' composed of two overlapping geometric shapes: a yellow square on the left and a white square on the right. To the right of the logo, the text 'ARCH ASSOCIATES' is displayed in a large, black, sans-serif font. Below the logo, contact information is provided: a telephone icon followed by the number '01 489 890004', an email icon followed by 'admin@archassociates.co.uk', and a globe icon followed by 'www.archassociates.co.uk'. A large, yellow, diagonal graphic element is positioned on the right side of the contact information.

|                                          |            |                      |                   |                 |        |          |
|------------------------------------------|------------|----------------------|-------------------|-----------------|--------|----------|
| Scale                                    | Paper size | Date                 | Drawn by          | Checked by      | Status |          |
| AS SHOWN                                 | A1         | FEB 2025             | TA                | CH              | S3     |          |
| Name                                     |            |                      |                   |                 |        |          |
| Project code                             | Originator | Functional breakdown | Spatial breakdown | Form discipline | Number | Revision |
| AAL436-AAL - EW - XX - DD - C - 5551-C02 |            |                      |                   |                 |        |          |





#### DRAINAGE LEGEND

- EXISTING FOUL WATER SEWER / MANHOLE
- SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- SURFACE WATER CATCHPIT MANHOLE
- PERMAVOID RAINWATER DIFFUSER UNIT
- SURFACE WATER DRAIN 100mm Dia. / FALL
- RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS).
- RODDING EYE.
- YARD GULLY
- ACO CHANNEL
- PERMEABLE PAVING (INFILTRATION)
- PERMEABLE PAVING (NON-INFILTRATION)
- SUB BASE INVERT LEVEL (-870mm)
- PROPOSED LEVEL
- FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER
- FOUL WATER DRAIN 100mm Dia. U.N.O.
- SOIL VENT PIPE / STUB STACK (LOCATION AS ARCHITECTS DRGS)
- FOUL WATER MANHOLE / ACCESS CHAMBER
- GROUNDWATER MONITORING POINT

| PHASE 0 |                       |              |            |                 |                  |                     |             |              |
|---------|-----------------------|--------------|------------|-----------------|------------------|---------------------|-------------|--------------|
| MH No.  | MANHOLE DIAMETER (mm) | MANHOLE TYPE | COVER TYPE | COVER LEVEL (m) | INVERT LEVEL (m) | DEPTH TO SOFFIT (m) | EASTING (m) | NORTHING (m) |
| 1001    | 1200                  | Type B       |            | 15.190          | 13.380           | 1.635               | 495164.495  | 106046.502   |
| 2001    | 1200                  | Type B       |            | 14.940          | 12.940           | 1.025               | 495257.871  | 106046.837   |
| 3001    | 1200                  | Type B       |            | 14.120          | 12.350           | 1.595               | 495354.077  | 106039.184   |
| F1      | 1350                  | Type C       | D400       | 15.679          | 14.367           | 1.162               | 495158.665  | 106134.801   |
| F2      | 1200                  | Type B       | D400       | 15.562          | 13.883           | 1.528               | 495195.259  | 106122.216   |
| F3      | 1200                  | Type B       | D400       | 15.522          | 13.716           | 1.656               | 495200.861  | 106110.103   |
| F4      | 1200                  | Type B       | D400       | 15.472          | 13.550           | 1.772               | 495201.931  | 106093.515   |
| F5      | 1200                  | Type B       | D400       | 15.305          | 13.242           | 1.913               | 495203.408  | 106055.065   |
| F6      | 1200                  | Type B       | D400       | 15.150          | 13.149           | 1.826               | 495204.372  | 106046.645   |

| PHASE 0 (PRIVATE) |                       |              |            |                 |                  |                     |             |              |
|-------------------|-----------------------|--------------|------------|-----------------|------------------|---------------------|-------------|--------------|
| MH No.            | MANHOLE DIAMETER (mm) | MANHOLE TYPE | COVER TYPE | COVER LEVEL (m) | INVERT LEVEL (m) | DEPTH TO SOFFIT (m) | EASTING (m) | NORTHING (m) |
| PS1               | 3000                  | Type D       | B125       | 15.421          | 15.013           | 0.308               | 495224.376  | 106063.756   |
| PS2               | 4500                  | CATCHPIT     | C250       | 15.477          | 14.756           | 0.621               | 495208.759  | 106065.171   |
| PS3               | 710x710               | PDU          |            | 15.386          | 14.716           | 0.570               | 495204.771  | 106065.434   |
| PS4               | 3000                  | Type D       | B125       | 15.471          | 15.071           | 0.300               | 495219.655  | 106077.019   |
| PS5               | 4500                  | CATCHPIT     | B125       | 15.494          | 14.794           | 0.601               | 495207.941  | 106077.940   |
| PS6               | 710x710               | PDU          |            | 15.424          | 14.754           | 0.570               | 495203.964  | 106078.102   |
| PS7               | 3000                  | Type D       | B125       | 15.475          | 15.075           | 0.300               | 495220.541  | 106065.810   |
| PS8               | 4500                  | Type D       | B125       | 15.463          | 14.924           | 0.440               | 495220.037  | 106078.629   |
| PS9               | 4500                  | CATCHPIT     | B125       | 15.481          | 14.783           | 0.598               | 495206.058  | 106079.670   |
| PS10              | 710x710               | PDU          |            | 15.429          | 14.759           | 0.570               | 495203.611  | 106079.770   |
| PS11              | 3000                  | Type D       | B125       | 15.484          | 15.103           | 0.280               | 495231.231  | 106097.452   |
| PS12              | 4500                  | Type D       | B125       | 15.477          | 15.010           | 0.367               | 495221.935  | 106098.150   |
| PS13              | 4500                  | CATCHPIT     | C250       | 15.477          | 14.835           | 0.542               | 495204.498  | 106097.320   |
| PS14              | 710x710               | PDU          |            | 15.485          | 14.815           | 0.570               | 495202.479  | 106097.581   |
| PS15              | 3000                  | Type D       | B125       | 15.482          | 15.119           | 0.263               | 495231.345  | 106098.979   |
| PS16              | 4500                  | Type D       | B125       | 15.514          | 15.038           | 0.376               | 495223.295  | 106099.579   |
| PS17              | 4500                  | CATCHPIT     | C250       | 15.492          | 14.851           | 0.541               | 495204.926  | 106103.070   |
| PS18              | 710x710               | PDU          |            | 15.501          | 14.831           | 0.570               | 495202.891  | 106103.111   |
| PS19              | 3000                  | Type D       | B125       | 15.525          | 15.203           | 0.222               | 495219.565  | 106111.551   |
| PS20              | 4500                  | Type D       | B125       | 15.522          | 15.123           | 0.299               | 495220.207  | 106119.485   |
| PS21              | 4500                  | CATCHPIT     | B125       | 15.564          | 14.912           | 0.652               | 495198.154  | 106121.053   |
| PS22              | 710x710               | PDU          |            | 15.557          | 14.887           | 0.570               | 495196.661  | 106121.324   |
| PS23              | 3000                  | Type E       | B125       | 15.491          | 15.161           | 0.230               | 495223.155  | 106120.435   |
| PS24              | 4500                  | CATCHPIT     | B125       | 15.569          | 14.918           | 0.551               | 495198.977  | 106122.831   |
| PS25              | 710x710               | PDU          |            | 15.563          | 14.893           | 0.570               | 495196.484  | 106123.101   |
| PS26              | 3000                  | Type D       | B125       | 15.513          | 15.213           | 0.200               | 495223.596  | 106139.696   |
| PS27              | 4500                  | Type D       | B125       | 15.568          | 15.068           | 0.400               | 495211.150  | 106141.189   |
| PS28              | 4500                  | CATCHPIT     | B125       | 15.568          | 14.944           | 0.524               | 495203.613  | 106131.386   |
| PS29              | 710x710               | PDU          |            | 15.589          | 14.919           | 0.570               | 495201.120  | 106131.656   |
| PS30              | 3000                  | Type D       | B125       | 15.793          | 15.393           | 0.300               | 495186.861  | 106145.861   |
| PS31              | 4500                  | CATCHPIT     | B125       | 15.664          | 14.955           | 0.610               | 495183.408  | 106130.548   |
| PS32              | 710x710               | PDU          |            | 15.601          | 14.931           | 0.570               | 495182.870  | 106128.284   |
| PS33              | 3000                  | Type D       | B125       | 15.947          | 15.447           | 0.300               | 495178.103  | 106153.412   |
| PS34              | 4500                  | CATCHPIT     | C250       | 15.708          | 15.003           | 0.606               | 495168.629  | 106135.409   |
| PS35              | 710x710               | PDU          |            | 15.650          | 14.980           | 0.570               | 495168.211  | 106133.133   |
| PS36              | 3000                  | Type D       | B125       | 15.996          | 15.650           | 0.246               | 495165.333  | 106157.065   |
| PS37              | 4500                  | CATCHPIT     | B125       | 15.759          | 15.024           | 0.635               | 495161.718  | 106137.102   |
| PS38              | 710x710               | PDU          |            | 15.671          | 15.001           | 0.570               | 495161.300  | 106134.826   |
| PS39              | 3000                  | Type D       | B125       | 16.050          | 15.650           | 0.300               | 495148.534  | 106158.653   |
| PS40              | 4500                  | Type D       | B125       | 16.050          | 15.350           | 0.600               | 495143.672  | 106147.874   |
| PS41              | 4500                  | Type D       | B125       | 16.025          | 15.225           | 0.700               | 495141.957  | 106138.421   |
| PS42              | 4500                  | CATCHPIT     | B125       | 15.820          | 15.044           | 0.675               | 495152.868  | 106136.427   |
| PS43              | 710x710               | PDU          |            | 15.690          | 15.020           | 0.570               | 495155.308  | 106135.984   |
| PS44              | 3000                  | Type D       | B125       | 16.000          | 15.600           | 0.300               | 495139.637  | 106125.100   |
| PS45              | 4500                  | Type D       | B125       | 16.050          | 15.350           | 0.600               | 495141.355  | 106134.563   |
| PS46              | 4500                  | CATCHPIT     | B125       | 15.803          | 15.045           | 0.658               | 495152.189  | 106132.582   |
| PS47              | 710x710               | PDU          |            | 15.869          | 15.075           | 0.570               | 495154.708  | 106132.126   |
| PS48              | 3000                  | Type D       | B125       | 16.104          | 15.704           | 0.300               | 495140.111  | 106113.050   |
| PS49              | 4500                  | Type D       | B125       | 15.920          | 15.224           | 0.597               | 495154.573  | 106110.438   |
| PS50              | 4500                  | CATCHPIT     | C250       | 15.739          | 15.032           | 0.607               | 495157.989  | 106129.291   |
| PS51              | 710x710               | PDU          |            | 15.678          | 15.008           | 0.570               | 495158.427  | 106131.687   |
| PS52              | 3000                  | Type D       | B125       | 15.792          | 15.392           | 0.300               | 495157.005  | 106112.490   |
| PS53              | 4500                  | CATCHPIT     | B125       | 15.707          | 15.026           | 0.581               | 495159.935  | 106128.629   |
| PS54              | 710x710               | PDU          |            | 15.671          | 15.001           | 0.570               | 495160.380  | 106131.081   |
| PS55              | 3000                  | Type D       | B125       | 15.565          | 15.154           | 0.312               | 495175.055  | 106105.425   |
| PS56              | 4500                  | Type D       | B125       | 15.723          | 15.069           | 0.554               | 495176.585  | 106113.795   |
| PS57              | 4500                  | CATCHPIT     | C250       | 15.658          | 14.972           | 0.586               | 495176.686  | 106123.464   |
| PS58              | 710x710               | PDU          |            | 15.617          | 14.947           | 0.570               | 495177.127  | 106125.913   |
| PS59              | 3000                  | Type D       | B125       | 15.383          | 15.069           | 0.214               | 495178.189  | 106109.610   |
| PS60              | 4500                  | CATCHPIT     | C250       | 15.550          | 14.897           | 0.553               | 495181.190  | 106109.094   |
| PS61              | 710x710               | PDU          |            | 15.522          | 14.852           | 0.570               | 495197.651  | 106108.942   |
| PS62              | 3000                  | Type D       | B125       | 15.435          | 15.035           | 0.300               | 495183.804  | 106096.031   |
| PS63              | 4500                  | CATCHPIT     | B125       | 15.509          | 14.849           | 0.560               | 495194.630  | 106094.475   |
| PS64              | 710x710               | PDU          |            | 15.475          | 14.805           | 0.570               | 495199.091  | 106094.323   |
| PS65              | 4500                  | CATCHPIT     | C250       | 15.301          | 14.763           | 0.437               | 495205.846  | 106052.871   |
| PS66              | 710x710               | PDU          |            | 15.258          | 14.750           | 0.408               | 495203.867  | 106053.148   |
| PF1               | 4500                  | Type D       | B125       | 15.520          | 14.520           | 0.900               | 495209.156  | 106068.672   |
| PF2               | 4500                  | Type D       | B125       | 15.509          | 14.508           | 0.901               | 495208.630  | 106074.846   |
| PF3               | 4500                  | Type D       | B125       | 15.487          | 14.487           | 0.900               | 495208.793  | 106080.834   |
| PF4               | 4500                  | Type D       | B125       | 15.494          | 14.491           | 0.903               | 495211.823  | 106093.227   |
| PF5               | 4500                  | Type D       | B125       | 15.596          | 14.600           | 0.896               | 495211.030  | 106109.335   |
| PF6               | 4500                  | Type D       | B125       | 15.549          | 14.549           | 0.900               | 495207.594  | 106115.738   |
| PF7               | 4500                  | Type D       | B125       | 15.474          | 14.374           | 1.000               | 495208.932  | 106129.603   |
| PF8               | 4500                  | Type D       | B125       | 15.580          | 14.445           | 1.035               | 495209.463  | 106132.425   |
| PF9               | 4500                  | Type D       | C250       | 15.950          | 14.853           | 0.998               | 495167.709  | 106143.003   |
| PF10              | 4500                  | Type D       | C250       | 15.841          | 14.741           | 1.000               | 495167.076  | 106138.594   |
| PF11              | 4500                  | Type D       | C250       | 15.989          | 14.962           | 0.927               | 495153.719  | 106144.554   |
| PF12              | 4500                  | Type D       | C250       | 15.970          | 14.940           | 0.930               | 495148.872  | 106124.785   |
| PF13              | 4500                  | Type D       | C250       | 15.921          | 14.874           | 0.947               | 495151.392  | 106125.350   |
| PF14              | 4500                  | Type D       | C250       | 15.691          | 14.691           | 0.900               | 495172.790  | 106119.461   |
| PF15              | 4500                  | Type D       | B125       | 15.682          | 14.705           | 0.878               | 495170.627  | 106124.211   |
| PF16              | 4500                  | Type D       | C250       | 15.962          | 14.923           | 0.938               | 495154.847  | 106143.918   |
| PF17              | 4500                  | Type D       | B125       | 15.539          | 14.557           | 0.882               | 495194.518  | 106104.245   |
| PF18              | 4500                  | Type D       | B125       | 15.546          | 14.396           | 1.050               | 495195.132  | 106098.040   |

#### NOTES

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#### GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
- ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
- ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
- THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
- THE CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.
- MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
- IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

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|------|------------|------------------------------------------------|----|
| C05  | 26.03.2026 | UPDATED CWM & ACO'S ADDED                      | CH |
| C04  | 27.08.2025 | ARUN DC COMMENTS ADDED                         | JH |
| C03  | 15.07.2025 | DRAINAGE ADJUSTED TO SUIT SPEEDECK PILE LAYOUT | JH |
| C02  | 16.06.2025 | PLOTS 2-3 DRAINAGE UPDATED                     | JH |
| C01  | 15.05.2025 | CONSTRUCTION ISSUE                             | JH |
| P02  | 24.04.2025 | ACO ADDED TO ENTRANCE                          | JH |
| P01  | 14.02.2025 | PRELIMINARY ISSUE FOR COMMENT                  | JH |
| Rev. | Date       | Description                                    | By |



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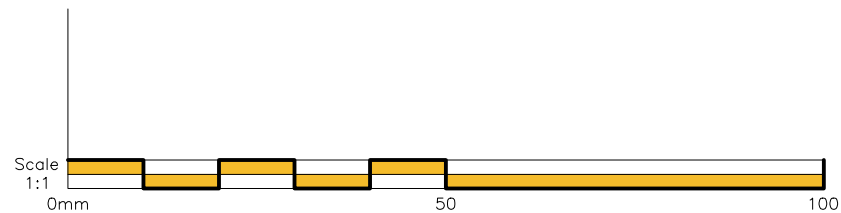
Client  
SHOPLAND GRAY DEVELOPMENTS

Architect  
SYMMETRY ARCHITECTURE

Project title  
LAND AT EASTMERE STABLES  
EASTERGATE LANE  
EASTERGATE

Drawing title  
PROPOSED DRAINAGE PLAN

| Scale                      | Paper size | Date       | Drawn by | Checked by | Status |
|----------------------------|------------|------------|----------|------------|--------|
| 1:250                      | A1         | FEB 2025   | JH       | CH         | S0     |
| Name                       |            |            |          |            |        |
| Project code               | Original   | Functional | Spatial  | Form       | Number |
| AAL436-AAL-SF-XX-DR-C-5101 | c05        |            |          |            |        |



DRAINAGE NOTES

- ANY PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, AND/OR SITUATED UNDER THE HIGHWAY, TO BE VITRIFIED CLAY TO BS EN 295 & BS65 (SWS ONLY), OR CONCRETE PIPES TO BS EN 1916 & BS5811:PART 1, OR PLASTIC IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
    - SOLID WALL PVC-U TO BS EN 1401
    - SPIRAL WOUND WELDED HDPE TO BS EN 13476 PARTS 1 & 2
    - STRUCTURE-WALL THERMOPLASTIC TO BS EN 13476 PARTS 1, 2 & 3
    - POLYPROPYLENE TO BS EN 1852
  - FOR CONSTRUCTION DETAILS REFER TO THE RELEVANT ARCH ASSOCIATES DRAWING NUMBERS LISTED ON THE DRAWING ISSUE SHEET.
  - ADOPTABLE HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH LOCAL AUTHORITY DESIGN GUIDANCE.
  - ANY WORKS ASSOCIATED WITH THE HIGHWAY/EXTERNAL WORKS INCLUDING HIGHWAY DRAINAGE, SHALL BE IN ACCORDANCE WITH THE HIGHWAYS AGENCY 'MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOL 1' (MCHW), UNLESS OTHERWISE SPECIFIED.
  - ALL ADOPTABLE DRAINAGE WORKS TO BE CONSTRUCTED AS DETAILED IN "THE CODE" FOR ADOPTION DESIGN AND CONSTRUCTION GUIDANCE AND THE LOCAL WATER AUTHORITY'S LOCAL PRACTICE NOTE.
  - ALL ADOPTABLE SEWERS WITH LESS THAN 1.20m OF COVER WHEN LAID BENEATH THE ROADS, OR 0.90m OF COVER IN OTHER AREAS, SHALL HAVE CONCRETE PROTECTION IN ACCORDANCE WITH EITHER OF THE DETAILS SHOWN ON THE STANDARD DRAWING PROVIDED.
  - ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER, IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY
  - COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
    - ROAD GULLY PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS, ALL OTHER UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA.
    - FW MIN GRADIENT – 1 IN 40 (100 DIA) NO WC'S CONNECTED
    - FW MIN GRADIENT – 1 IN 80 (100 DIA) MIN 1 WC CONNECTED
    - FW MIN GRADIENT – 1 IN 150 (150 DIA) MIN 5 WC'S CONNECTED
    - SW MIN GRADIENT – 1 IN 100 (100 DIA)
    - SW MIN GRADIENT – 1 IN 150 (150 DIA)
- ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
- IN ORDER TO MAINTAIN THE SATISFACTORY FUNCTIONING OF SURFACE WATER SEWERS, ALL ROAD AND YARD GULLIES ARE TO BE "TRAPPED".
  - ALL NON ADOPTABLE LATERALS BENEATH THE HIGHWAY SHALL BE BACK FILLED WITH A TYPE 1 GRANULAR MATERIAL AS CL-803 (MCHW) APPROVED BY THE ENGINEER.
  - ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.

- WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, A FLEXIBLE PIPE JOINT SHOULD BE PROVIDED TO FORM A ROCKER PIPE IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED..
- SHALLOW PRIVATE DRAINS MAY REQUIRE PROTECTION USING CLASS 'Z' CONCRETE SURROUND OR PAVING SLABS BRIDGING THE TRENCH SUBJECT TO THE NHBC INSPECTOR'S REQUIREMENTS.
- WHERE DRAINAGE RUNS PASS CLOSE TO BUILDINGS OR THEIR INVERT LEVELS ARE BELOW FOUNDATION LEVEL, THEN THE TRENCHES ARE TO BE BACK FILLED IN ACCORDANCE WITH THE STANDARD DETAIL PROVIDED.
- REFERENCE SHOULD BE MADE TO THE STRUCTURAL ENGINEERS DETAILS FOR ALL ASPECTS OF FOUNDATION DESIGN AND CONSTRUCTION.
- THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE. NO DIMENSIONS ARE TO BE SCALED FROM THESE DRAWINGS.
- IT IS THE CONTRACTORS/SUBCONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CURRENT BUILDING REGULATIONS AND CODES OF PRACTICE.
- STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
- ALL DOWNPIPES ARE TO BE SEALED, IE CONNECTED DIRECTLY TO THE STORMWATER DRAIN. ACCESS POINTS TO BE PROVIDED 1m ABOVE GROUND LEVEL FOR EXTERNAL RWP'S AND 1m ABOVE FFL FOR INTERNAL RWP'S.
- UNLESS OTHERWISE NOTED OR SIMILAR APPROVED CHANNEL DRAINS TO BE ACO MULTI DRAIN WITH A15 GRATING IN PEDESTRIAN AREAS, C250 IN CAR PARKS AND D400 IN CARRAGEWAYS. SLOTTED CHANNEL TO BE USED FOR AREAS WITH FALLS <1:15 MESH GRATING TO BE USED WERE FALLS >1:15.
- GULLY AND CHANNEL DRAIN POSITIONS ARE LIABLE TO AMENDMENT WHEN THE DESIGN LEVELS HAVE BEEN DETERMINED.
- ALL REDUNDANT DRAINAGE TO BE ABANDONED ONCE THE CONTRACTOR HAS SATISFIED HIMSELF THAT NO CONNECTIONS REMAIN LIVE. REDUNDANT DRAINAGE TO BE GRUBBED OUT.
- ALL BELOW GROUND CONCRETE TO ACCORD WITH BS5328:1997:SULPHATE CLASS TBA.
- IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. GENERALLY SUB SOIL DRAINS AFFECTED ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER DRAINAGE SYSTEM. PIPE DIAMETERS AND GRADIENTS ARE TO BE MAINTAINED.
- BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ADDITIONAL SPUR/MANHOLE CONNECTIONS ARE TO BE AGREED WITH THE RELEVANT ADOPTING AUTHORITY. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.

- ROAD REINSTATEMENTS ARE TO BE TO THE HIGHWAY AUTHORITY APPROVAL.
- NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.

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|------|------------|-------------------------------|----|
| C02  | 27.08.2025 | ARUN DC COMMENTS ADDED #29,30 | JH |
| C01  | 16.05.2025 | CONSTRUCTION ISSUE            | JH |
| P01  | 14.02.2025 | TENDER ISSUE                  | JH |
| Rev. | Date       | Description                   | By |



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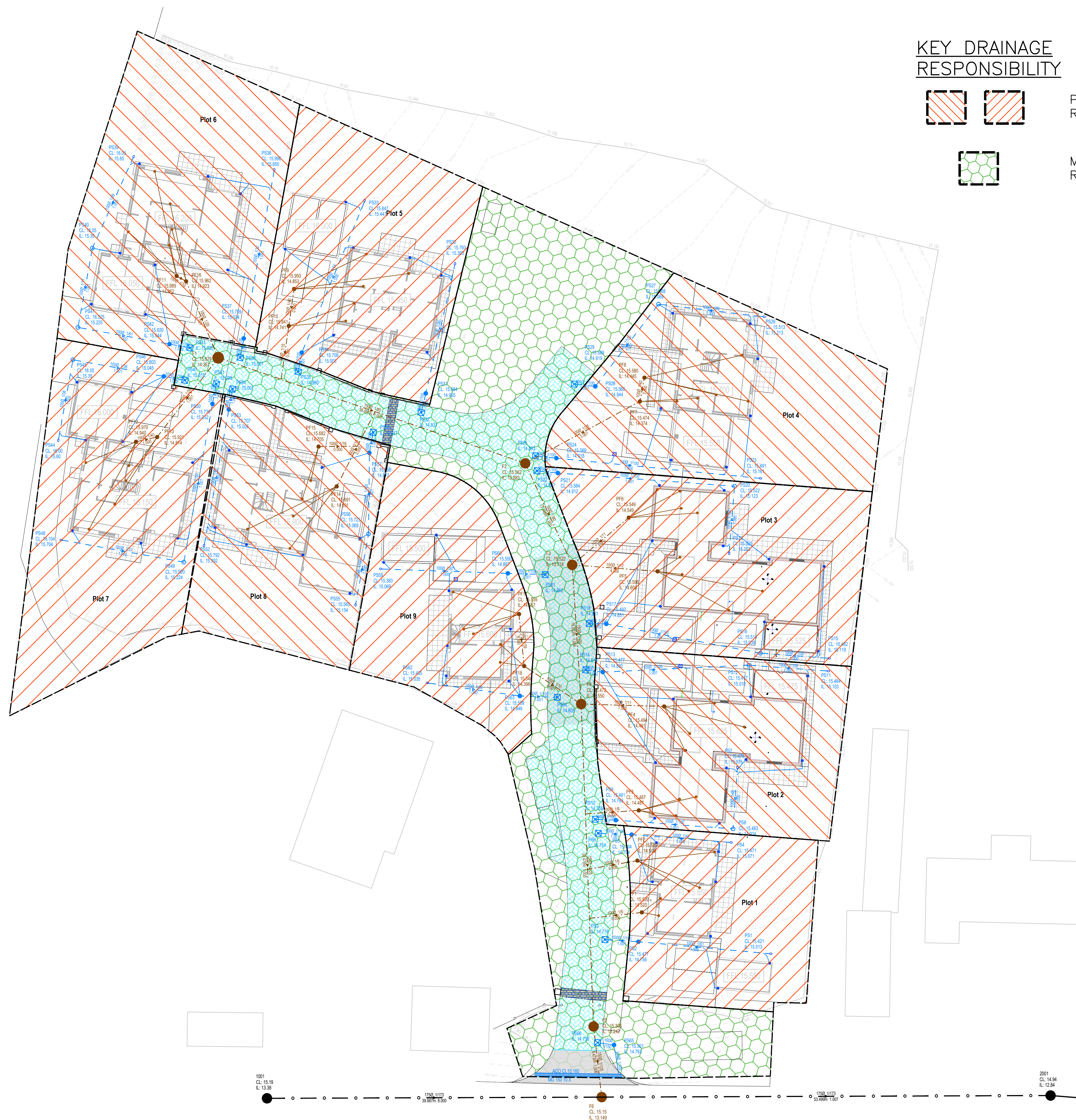
Client  
SHOPLAND GRAY DEVELOPMENTS

Architect  
SYMMETERY ARCHITECTURE

Project title  
LAND AT EASTMERE STABLES  
EASTERGATE LANE  
EASTERGATE

Drawing title  
DRAINAGE NOTES.

| Scale        | Paper size | Date       | Drawn by | Checked by | Status    |
|--------------|------------|------------|----------|------------|-----------|
| NTS          | A1         | FEB 2025   | TA       | CH         | S3        |
| Name         | Originator | Functional | Spatial  | Form       | Number    |
| Project code | AAL436     | -AAL-      | ED       | -XX-       | LS-C-5102 |
|              |            |            |          |            | C02       |

MANAGEMENT COMPANY  
RESPONSIBILITY

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6. MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR THE STABILITY OF THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
7. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY EXCAVATED SPILL & CLAM RESULTING FROM NORMAL TIME REQUIREMENTS WILL BE ENTERTAINED.

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|      |            |                    |    |
|------|------------|--------------------|----|
| C01  | 27.08.2025 | CONSTRUCTION ISSUE | JH |
| P01  | 16.05.2025 | FOR APPROVAL       | JH |
| Rev. | Date       | Description        | By |



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Project title

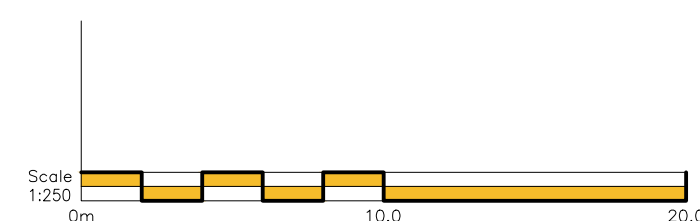
Drawing title  
**DRAINAGE MAINTENANCE  
RESPONSIBILITY PLAN**

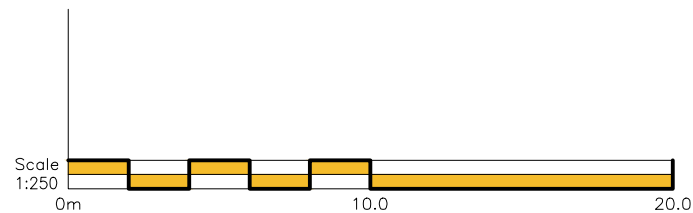
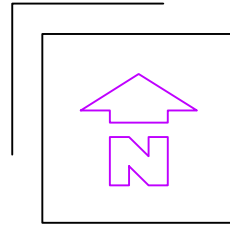
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| Scale<br>1:250 | Paper size<br>A1 | Date<br>MAY 2025 | Drawn by<br>JH | Checked by<br>CH | Status<br>S0 |
|----------------|------------------|------------------|----------------|------------------|--------------|

|      |     |          |    |    |    |
|------|-----|----------|----|----|----|
| NAME | 777 | NOV 2020 | 01 | 01 | 00 |
| Name |     |          |    |    |    |

Project code | Originator | Functional breakdown | Spatial breakdown | Form | Discipline | Number | Revision

AAL436-AAL-SF-XX-DR-C-5103-C01





| Location                    | Areas m2 |
|-----------------------------|----------|
| PLOT 1(FOOTWAY)             | 26.060   |
| PLOT 1                      | 98.050   |
| PLOT 1                      | 21.660   |
| PLOT 1                      | 44.760   |
| PLOT 1                      | 38.660   |
| PLOT 2                      | 32.680   |
| PLOT 2                      | 32.680   |
| PLOT 2                      | 67.340   |
| PLOT 2                      | 73.680   |
| PLOT 2                      | 45.810   |
| PLOT 2                      | 63.240   |
| PLOT 3                      | 66.570   |
| PLOT 3                      | 91.480   |
| PLOT 3                      | 53.430   |
| PLOT 3                      | 97.530   |
| PLOT 4                      | 83.400   |
| PLOT 4                      | 106.970  |
| PLOT 4                      | 64.570   |
| PLOT 5                      | 79.730   |
| PLOT 5                      | 46.200   |
| PLOT 5                      | 44.780   |
| PLOT 5                      | 84.330   |
| PLOT 6                      | 76.810   |
| PLOT 6                      | 89.680   |
| PLOT 6                      | 102.770  |
| PLOT 7                      | 82.780   |
| PLOT 7                      | 26.360   |
| PLOT 7                      | 54.590   |
| PLOT 7                      | 110.800  |
| PLOT 8                      | 95.840   |
| PLOT 8                      | 75.520   |
| PLOT 8                      | 75.980   |
| PLOT 9                      | 22.250   |
| PLOT 9                      | 51.500   |
| PLOT 9                      | 29.470   |
| PLOT 9                      | 6.150    |
| PLOT 9                      | 41.630   |
| PLOT 9 (FOOTWAY)            | 123.870  |
| TARMAC ENTRANCE             | 26.000   |
| PERMEABLE PAVING (COMBINED) | 735.000  |
| TOTAL                       | 3190.610 |

NOTES

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7. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

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|      |            |                                 |    |
|------|------------|---------------------------------|----|
| CO2  | 27.08.2025 | PERM PAVING AREAS ADDED         | CH |
| CO1  | 27.08.2025 | AREAS ADDED, CONSTRUCTION ISSUE | JH |
| PO1  | 16.05.2025 | FOR APPROVAL                    | JH |
| Rev. | Date       | Description                     | By |



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Client  
SHOPLAND GRAY DEVELOPMENTS

Architect  
SYMMETRY ARCHITECTURE

Project title  
LAND AT EASTMERE STABLES  
EASTERGATE LANE  
EASTERGATE

Drawing title  
SURFACE WATER  
DRAINABLE AREAS

| Scale | Paper size   | Date                         | Drawn by   | Checked by | Status    |
|-------|--------------|------------------------------|------------|------------|-----------|
| 1:250 | A1           | MAY 2025                     | JH         | CH         | SO        |
| Name  | Project code | Originator                   | Functional | Spatial    | Form      |
|       |              | breakdown                    | breakdown  | breakdown  | breakdown |
|       |              | Number                       | Revision   |            |           |
|       |              | AAL-436-AAL-SF-XX-DR-C-5104- | CO2        |            |           |