

MAINTENANCE
AND
MANAGEMENT PLAN
for
FOUL & SURFACE WATER DRAINAGE
INSTALLATION



KILNWOOD COURT
38 KILNWOOD AVENUE
BURGESS HILL
RH15 0ZE

Contents

Drainage Management Plan (DMP)	4
1. Project Overview	4
2. Emergency Numbers	4
2. Flood Risk	4
3. Site Description	5
3.1 Existing Conditions	5
4. Proposed Drainage System	5
4.1 Foul Surface Water Infrastructure	5
4.2 Stormwater Infrastructure	5
5. Erosion & Sediment Control Measures	5
7. Operation & Maintenance	5
8. Emergency Response Plan	6
9. Maps & Drawings	6

Drainage Management Plan (DMP)

1. Project Overview

- **Site name & location:**
 - Kilnwood Court
 - 38 Kilnwood Avenue
 - Burgess Hill
 - RH15 0ZE
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 - **Project description:**
 - Kilnwood Court is a three storey residential building comprising fifteen flats, 14 two bedroom flats and 1 one bed flat.
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2. Emergency Numbers

- **Contact persons:** (site manager) to be appointed.
 - **Emergency Numbers**
 - **Police, Fire, Ambulance Services dial 999**
 - **Non Emergency Numbers**
 - **Call 101**
 - **Burgess Hill Police Station**
 - **Call 01273 470101**
 - **South East Water**
 - **Call 0333 000 0001**
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2. Flood Risk

- The chance of a yearly Flooding from Surface Water in Kilnwood Avenue is HIGH refer to the GOV.UK web site for further information

3. Site Description

3.1 Existing Conditions

- Topography The site has a gradient from the Front (North side) of the Building to the Rear South Side
- Existing drains,
 - The existing drains consist of separate Foul Water and Surface Water
 - Foul Water from Kilnwood Court connects to the local utility system at the North West corner of the site refer to the Drainage Layout drawing
 - Surface Water drains from Kilnwood Court connects to the local Storm Water system in two positions refer to the Drainage Layout Drawing

4. Proposed Drainage System

4.1 Foul Surface Water Infrastructure

- The Foul Water system from the Kilnwood Court consists of a number of internal Soil Discharge Stacks which are connected to horizontal drains routed under the building to access inspection chambers at the front of the building. The foul drain is then routed along the front of the building to the final manhole where is connected the local Foul Water drainage system.

4.2 Stormwater Infrastructure

- The surface water system from Kilnwood Court consists of a number of rainwater down pipes from the roof together with surface water from the car park at the rear of the building.
- There are two connections to the local Storm Water system refer to the Drainage Drawing for the locations.
- The Surface Water drainage system from the car park has a slit box to catch any girt or debris from entering the local system.

5. Erosion & Sediment Control Measures

- As described above a silt box is provided in the car park surface water drain
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7. Operation & Maintenance

- Routine inspection schedule
 - A yearly inspection of the foul water drainage system is recommended through the inspection chambers provided.
 - A yearly inspection of the surface water drainage system is recommended.

- Cleaning of pits, drains, and sediment traps
 - The Silt Box should be cleared of any debris etc
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8. Emergency Response Plan

- Flooding response steps
 - Spill management (if hazardous materials present)
 - Contacts for environmental authorities
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9. Maps & Drawings

- Site layout
 - Refer to drawing DB24.12-PH-RD01 Site Plan Drainage Layout.
 - Existing drainage
 - Existing drainage for the surrounding area is indicated on Croudace Homes UK Burgess Hill Kings Weald Phase 2B Engineering Layout 1 of 1 drawing Number 160/030
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