



- Drainage Legend:**
- Existing combined sewer and manhole
 - Proposed combined sewer and manhole
 - Existing surface water sewer and manhole
 - Proposed surface water sewer and manhole
 - Proposed foul sewer and inspection chamber
 - Existing pipework to be abandoned/removed
 - Proposed ACO M200D linear drainage channel
 - Existing gully and gully tail
 - New gully and gully tail
 - Cellular storage crates (Aquacell Plus-R or approved equivalent)
 - Pervious paving blocks (Driveline Piora by Marshalls, or approved equivalent)
 - Land drainage trench

- Drainage Notes:**
1. Existing surface water, foul and combined sewer manhole invert levels surveyed on site with the exception of those invert levels suffixed with *. Manhole invert levels shown on 190089-001-CAM-DR-C-400 and suffixed with * are taken from Scottish Waters GIS records.
 2. All Surface Water & Foul Sewers Infrastructure to be Constructed in Accordance with the Relevant Sections of Scottish Water Document 'Sewers for Scotland, 4th Edition'.
 3. SuDS Components to be Constructed in Accordance with the Guidance in 'Sewers for Scotland, 4th Edition' and CIRIA Document C753 'The SuDS Manual' 2015.
 4. Unreinforced and Reinforced Concrete Pipes & Fittings Shall Comply with the Relevant Provisions of BS EN 1916 & BS EN 5911-1.
 5. uPVC Pipes, Joints & Fittings for Gravity Sewers Shall Comply with the Relevant Provisions of BS 4660 & BS EN 1401-1.
 6. Pre-cast Concrete Manhole Units for Manholes, Chambers and Wet Wells Shall Comply with the Relevant Provisions of BS EN 1917 & BS 5911-3.
 7. Pre-cast Concrete Slabs and Cover Frame Seating Rings Shall Comply with the Relevant Provisions of BS EN 1917 and BS 5911-3.
 8. Manhole Covers & Frames Shall Comply with the Relevant Provisions of BS EN 124, BS 7903 and the 'Design Manual for Roads & Bridges: HA/104/09 Geotechnics & Drainage: Chamber Tops & Gully Tops for Road Drainage & Services: Installation & Maintenance'.
 9. Manhole Covers on Foul-only Sewers Shall be of Low Leakage Types in Order to Prevent Excessive Surface Water Ingress.
 10. As a Minimum, Class D400 Covers shall be used in Carriageways of Roads (including pedestrian streets), hard shoulders and parking areas.

Issue	Revision	Initial	Date
B	Amendments to drainage manhole invert levels.	JMA	11/04/23
A	Amendments to drainage design to suit client requirements. Addition of land drainage along southern boundary.	JMA	29/03/23

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Client:
Dingwall Properties Ltd.

Project:
Commercial Development
Merchant Place, Mitchellston Ind. Est.
Kirkcaldy

Drawing Title:
Drainage Layout Plan

Status:
PLANNING

Scale: 1:250 @ A | Date: 23/03/23
 By: JMA | Checked: JMA | Approved: RAG

Dwg. No. 211106-000-CAM-DR-C-400 | Rev. B

