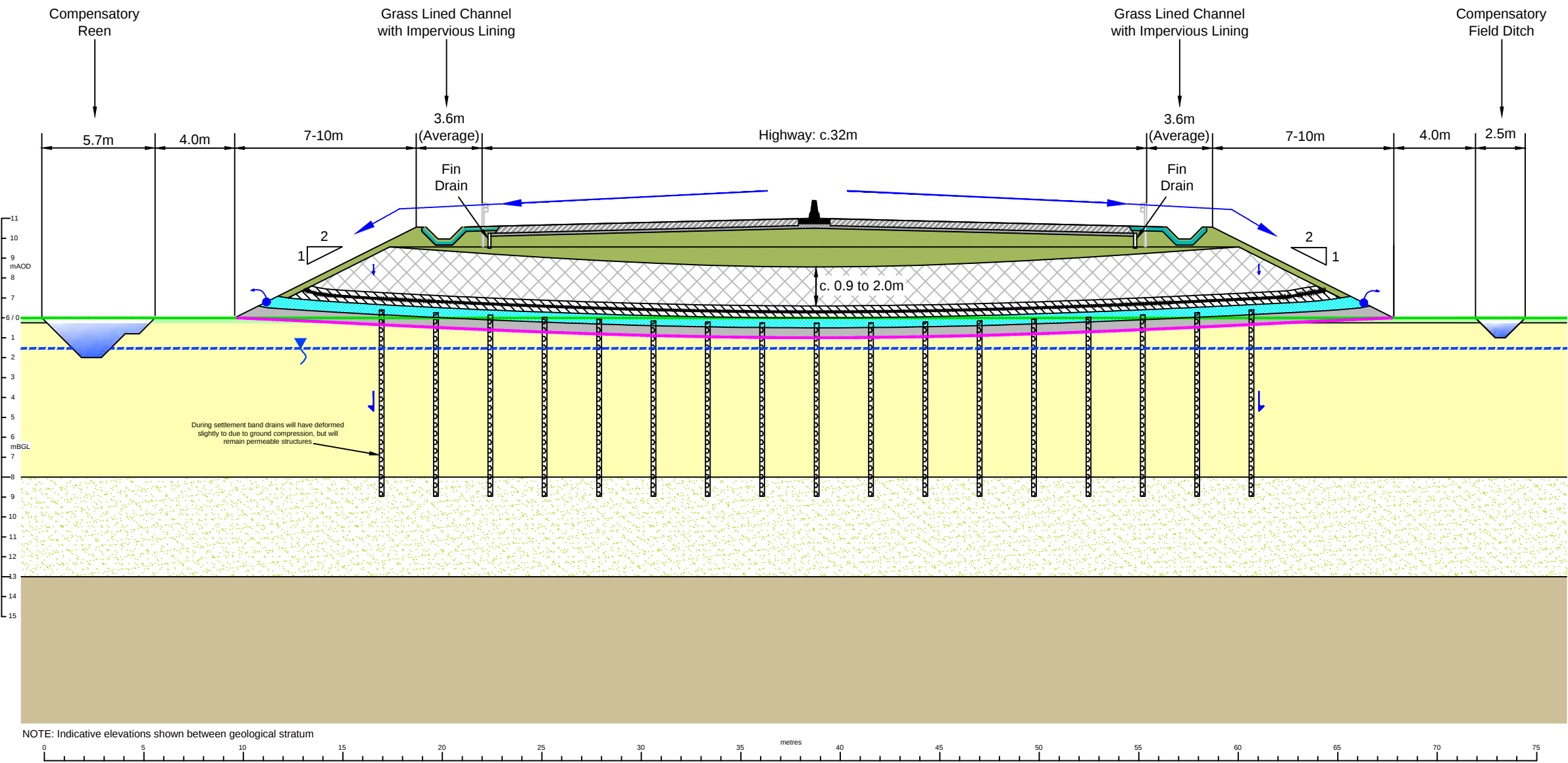


MODEL 1B: POST-SURCHARGE PHASE (OPERATIONAL)
<5.0m EMBANKMENT IN THE GWENT LEVELS (BAND DRAINS)



Legend

Geology & Hydrogeology

- Indicative Ground Level
- Topsoil
- Tidal Flat Deposits (TFD)
- Glaciofluvial Deposits (GFD)
- Mercia Mudstone Group (MMG)
- Potentiometric Surface of GFD/MMG Aquifer (c.4.5mAOD)

Highway Structure

- Tarmac (c.0.35m)
- Sub-Base (c.0.15m)
- Cover Layer (c.0.3m on Slopes)
- Grass-Lined Channel with Impervious Lining
- General Embankment Fill (c.0.9 to 2.0m)
- Reinforcement Blanket (c.0.6m)
- Geotextile Reinforcement
- Drainage Blanket (c.0.5m)
- Working Platform (c.0.5m)
- Geotextile Separator
- Compensatory Reen (c.2.0m Deep)
- Compensatory Field Ditch (c.1.0m Deep)
- Band Drain (c.2.5m Spacing)
- Highway Run-Off
- Surface Run-Off
- Potential Infiltration through Embankment Fill
- Potential Discharge from Drainage Blanket
- Potential Leakage through Band Drain



Environmental Statement

Schematic Conceptual Embankment
- Post-Surcharge Phase: <5m Height
within the Gwent Levels

Figure: 16.7	Revision: -
Date: March 2016	Status: At Issue
Drawn: RJJ	Checked: ARG
Scale A3 @ 1:250	