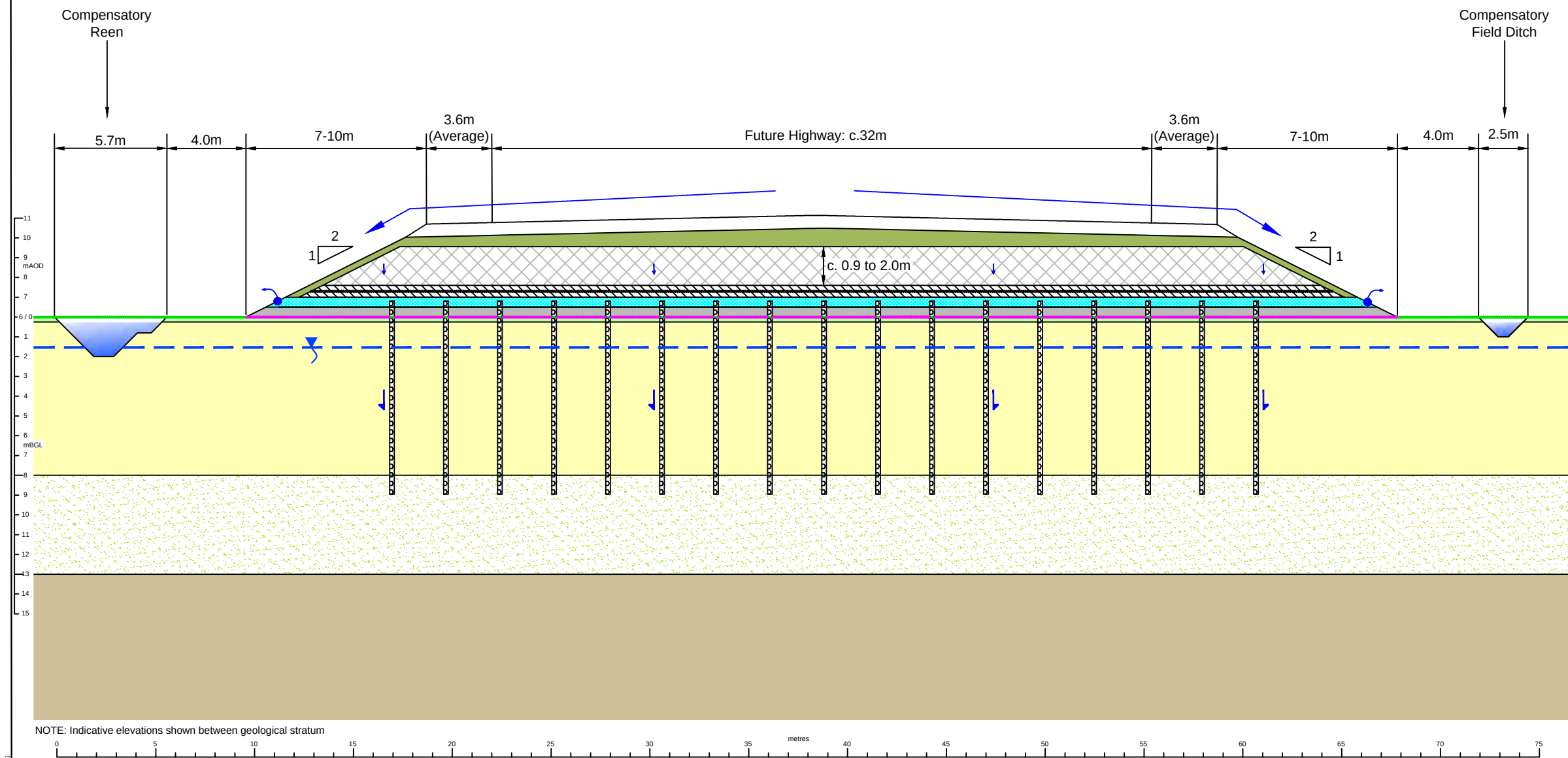


MODEL 1A: SURCHARGING PHASE (CONSTRUCTION)
(**<5.0m EMBANKMENT IN THE GWENT LEVELS (BAND DRAINS)**)



Drawing ref: JER6591_Figure16-6 EmbankmentUnder5MSurcharging

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

- | | |
|---|--|
|  | Cover Layer (c.0.3m on Slopes, c.1.0m on Platform) |
|  | 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) |
|  | Surface Run-Off |
|  | Potential Infiltration through Embankment Fill |
|  | Potential Discharge from Drainage Blanket |
|  | Potential Leakage through Band Drain |



Environmental Statement

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

Figure: 16.6

Revision: -

Date: March 2016

Status:	At Issue
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Drawn: RJJ

Checked: ARG

Scale A3 @ 1:250

dwg ref: JER6591_Figure16-6_EmbankmentUnder5MSurcharging