LEGEND

- EXISTING BOUNDARY LINE
- EXISTING CONTOURS
- SEDIMENT FENCE
- SECURITY FENCE
- WIRE MESH AND GRAVEL SEDIMENT FILTER
- GEOTEXTILE INLET FILTER TRAP
- STABILISED SITE ACCESS
- CLEAN TOPSOIL STOCKPILE (RE-SPREAD FOLLOWING EARTHWORKS)

CONCEPT WORKS METHODOLOGY

- EXCAVATION AND HANDLING OF CONTAMINATED MATERIALS SHALL BE UNDERTAKEN DURING A PLANNED SHUTDOWN PERIOD OF THE FACILITY (CLOSED TO THE PUBLIC).
- ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH APPLICABLE WORK HEALTH AND SAFETY LEGISLATION, EPA REQUIREMENTS, AND THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL & ENVIRONMENTAL CONSULTANT(S).
- APPROPRIATE ENVIRONMENTAL CONTROLS, INCLUDING DUST SUPPRESSION, SEDIMENT CONTROLS AND MANAGEMENT OF RUNOFF, SHALL BE IMPLEMENTED THROUGHOUT EXCAVATION AND EARTHWORKS ACTIVITIES.

THE PROPOSED CONCEPT WORKS METHODOLOGY IS AS FOLLOWS:

1. DELINEATION
   - ESTABLISH EXCLUSION ZONES WHERE REQUIRED AND IMPLEMENT APPROPRIATE SIGNAGE AND ACCESS CONTROLS.
2. STRIPPING AND STOCKPILING OF CLEAN TOPSOIL
   - THE EXISTING TOPSOIL LAYER IS APPROXIMATELY 300mm THICK OVERLYING CONTAMINATED MATERIAL. PRIOR TO DISTURBING THE CONTAMINATED MATERIAL, THE UPPER 200 MM OF CLEAN TOPSOIL SHALL BE CAREFULLY STRIPPED AND STOCKPILED WITHIN THE EXISTING CUSTOMER CAR PARK IMMEDIATELY WEST OF THE WORK AREA.
   - THE STOCKPILE SHALL BE MANAGED TO PREVENT CONTAMINATION, EROSION, SEDIMENT RUNOFF AND DUST GENERATION, AND ISOLATED FROM THE EXCAVATION AREA TO PREVENT CROSS-CONTAMINATION WITH CONTAMINATED MATERIALS.
   - TOPSOIL STRIPPING SHALL BE UNDERTAKEN USING APPROPRIATE PLANT FITTED WITH SMOOTH-EDGED BUCKETS OR SIMILAR EQUIPMENT TO MINIMISE MIXING WITH THE UNDERLYING CONTAMINATED SUBGRADE LAYER. THE REMAINING TOPSOIL (APPROX. 100MM THICK) SHALL REMAIN IN PLACE UNTIL EXCAVATION OF THE UNDERLYING SUBGRADE COMMENCES.
3. EXCAVATION AND REWORKING OF EXISTING WASTE MATERIAL
   - FOLLOWING REMOVAL OF THE UPPER TOPSOIL LAYER, THE REMAINING TOPSOIL AND UNDERLYING CONTAMINATED SUBGRADE MATERIAL SHALL BE REWORKED AS REQUIRED TO ACHIEVE THE REVISED DESIGN LEVELS.
   - EXISTING CONTAMINATED SUBGRADE MATERIAL (SUITABLE FOR REUSE) SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION TO ACHIEVE THE PROPOSED DESIGN PROFILE / LEVELS.
   - ANY MATERIAL UNSUITABLE FOR REUSE, SHALL BE SEGREGATED FOR CLASSIFICATION AND DISPOSAL AT AN APPROPRIATELY LICENSED WASTE FACILITY.
4. SEGREGATION AND TEMPORARY STORAGE OF MATERIALS
   - CLEAN TOPSOIL, REUSABLE AND UNSUITABLE/SURPLUS MATERIAL SHALL BE MANAGED SEPARATELY AT ALL TIMES TO PREVENT CROSS-CONTAMINATION.
   - WHERE TEMPORARY STOCKPILING OF UNSUITABLE OR SURPLUS CONTAMINATED MATERIAL IS REQUIRED, THE MATERIAL SHALL BE PLACED ON AN IMPERMEABLE SURFACE AND APPROPRIATELY COVERED OR CONTAINED TO MINIMISE DUST GENERATION, RUNOFF AND ENVIRONMENTAL IMPACTS.
5. MANAGEMENT OF SURPLUS OR UNSUITABLE MATERIALS
   - SURPLUS OR UNSUITABLE CONTAMINATED MATERIAL SHALL BE CLASSIFIED, TRANSPORTED AND DISPOSED OF BY SUITABLY LICENSED CONTRACTORS AT FACILITIES AUTHORISED TO RECEIVE THE RELEVANT WASTE CLASSIFICATION.
   - APPROPRIATE WASTE TRACKING DOCUMENTATION SHALL BE MAINTAINED WHERE REQUIRED.
6. VALIDATION
   - FOLLOWING COMPLETION OF THE EARTHWORKS, THE EXPOSED SURFACES SHALL BE INSPECTED BY SUITABLY QUALIFIED PERSONS.
   - VALIDATION SAMPLING AND/OR INSPECTION SHALL BE UNDERTAKEN WHERE REQUIRED TO CONFIRM THAT THE WORKS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS AND THE RECOMMENDATIONS OF THE PROJECT ENVIRONMENTAL CONSULTANT.
7. REINSTATEMENT
   - UPON COMPLETION OF VALIDATION, THE SUBGRADE MATERIAL SHALL BE OVERLAID WITH A COMBINATION OF THE EXISTING 'CLEAN' STOCKPILED TOPSOIL MARKED FOR REUSE, & IMPORTED TOPSOIL (WHERE REQUIRED).

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1:250
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Scale at A1

REV.	DESCRIPTION	ISSUED	DATE
1	ISSUED FOR S4.55 APPROVAL	AF	01.07.26

PROJECT
URBNSURF LANDSCAPE MOUND
CIVIL ENGINEERING PACKAGE

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DRAWING
SEDIMENT AND SOIL EROSION CONTROL PLAN & PROPOSED WORK METHODOLOGY

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