

THE EXISTING GEOSYNTHETIC LINER SHALL BE CUT ALONG THE EDGE OF THE ANCHOR TRENCH TO ALLOW CONNECTION TO THE NEW LINER AS FOLLOWS:

- THE EXISTING HDPE LINER SHALL BE THOROUGHLY CLEANED PRIOR TO WELDING AS REQUIRED BY THE SPECIFICATION.

- THE LINING CONTRACTOR SHALL GIVE PREFERENCE TO PRIMARY WELDING UNLESS APPROVED OTHERWISE BY THE THIRD PARTY CQA CONSULTANT.

- ALL GEOSYNTHETIC LINER CONNECTION WORKS SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATION.

- THE NEW CUSHION GEOTEXTILE SHALL BE CONNECTED TO THE EXISTING CUSHION GEOTEXTILE AND SHALL MAINTAIN A MINIMUM 500 mm OVERLAP ABOVE THE HDPE LINER. THE CONTRACTOR SHALL ENSURE THAT THE HDPE SURFACE IS FREE FROM ROCKS, STONES, RUBBISH OR OTHER DAMAGING MATERIAL PRIOR TO COVERING WITH THE CUSHION GEOTEXTILE.

- THE NEW COMPACTED CLAY LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING CLAY LINER TO FORM A MINIMUM 1 m THICKNESS. ALL WORKS TO BE CONDUCTED IN ACCORDANCE WITH THE KEY-IN REQUIREMENTS OF THE SPECIFICATION.

- THE EXISTING GEOSYNTHETIC LINER (HDPE & CUSHION GEOTEXTILE) FROM STAGE 1 ENDS WITHIN THE ANCHOR TRENCH ALONG THE BUND, NORTH WALL AND SOUTH WALL.

- THE EXISTING COMPACTED CLAY LINER (MINIMUM 1 m THICK) FROM STAGE 1.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- NEW GEOSYNTHETIC LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING GEOSYNTHETIC LINER ALONG THE FULL WEST EDGE OF STAGE 2 TO FORM A CONTINUOUS CONNECTION BETWEEN LINER SYSTEMS.

- NEW COMPACTED CLAY LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING CLAY LINER TO FORM A MINIMUM 1 m THICKNESS. ALL WORKS TO BE CONDUCTED IN ACCORDANCE WITH THE KEY-IN REQUIREMENTS OF THE SPECIFICATION.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- EXISTING GEOSYNTHETIC LINER (HDPE & CUSHION GEOTEXTILE) FROM STAGE 1 ENDS WITHIN THE ANCHOR TRENCH ALONG THE BUND, NORTH WALL AND SOUTH WALL.

- EXISTING COMPACTED CLAY LINER (MINIMUM 1 m THICK) FROM STAGE 1.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- NEW GEOSYNTHETIC LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING GEOSYNTHETIC LINER ALONG THE FULL WEST EDGE OF STAGE 2 TO FORM A CONTINUOUS CONNECTION BETWEEN LINER SYSTEMS.

- NEW COMPACTED CLAY LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING CLAY LINER TO FORM A MINIMUM 1 m THICKNESS. ALL WORKS TO BE CONDUCTED IN ACCORDANCE WITH THE KEY-IN REQUIREMENTS OF THE SPECIFICATION.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- EXISTING GEOSYNTHETIC LINER (HDPE & CUSHION GEOTEXTILE) FROM STAGE 1 ENDS WITHIN THE ANCHOR TRENCH ALONG THE BUND, NORTH WALL AND SOUTH WALL.

- EXISTING COMPACTED CLAY LINER (MINIMUM 1 m THICK) FROM STAGE 1.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- NEW GEOSYNTHETIC LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING GEOSYNTHETIC LINER ALONG THE FULL WEST EDGE OF STAGE 2 TO FORM A CONTINUOUS CONNECTION BETWEEN LINER SYSTEMS.

- NEW COMPACTED CLAY LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING CLAY LINER TO FORM A MINIMUM 1 m THICKNESS. ALL WORKS TO BE CONDUCTED IN ACCORDANCE WITH THE KEY-IN REQUIREMENTS OF THE SPECIFICATION.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- EXISTING GEOSYNTHETIC LINER (HDPE & CUSHION GEOTEXTILE) FROM STAGE 1 ENDS WITHIN THE ANCHOR TRENCH ALONG THE BUND, NORTH WALL AND SOUTH WALL.

- EXISTING COMPACTED CLAY LINER (MINIMUM 1 m THICK) FROM STAGE 1.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- NEW GEOSYNTHETIC LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING GEOSYNTHETIC LINER ALONG THE FULL WEST EDGE OF STAGE 2 TO FORM A CONTINUOUS CONNECTION BETWEEN LINER SYSTEMS.

- NEW COMPACTED CLAY LINER FROM STAGE 2 TO BE CONNECTED INTO THE EXISTING CLAY LINER TO FORM A MINIMUM 1 m THICKNESS. ALL WORKS TO BE CONDUCTED IN ACCORDANCE WITH THE KEY-IN REQUIREMENTS OF THE SPECIFICATION.

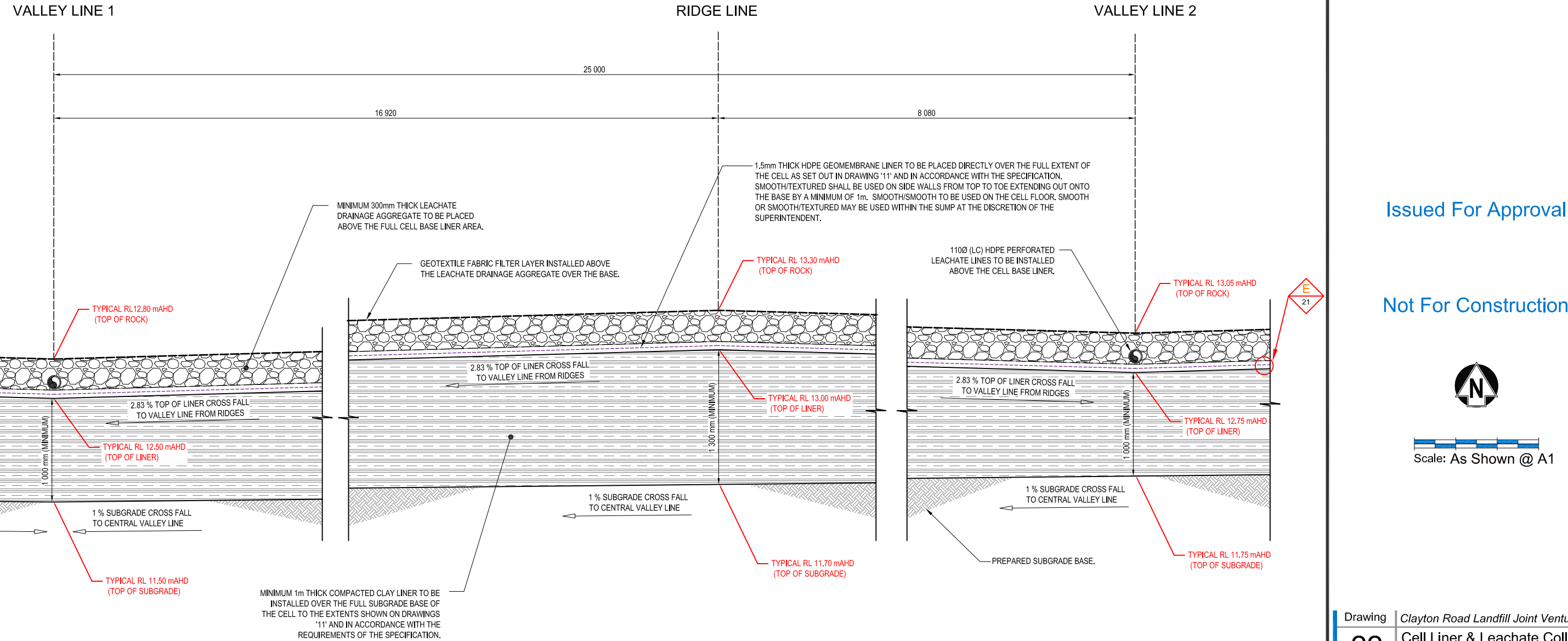
- VALLEY LINE ALONG WEST EDGE AS SHOWN IN 'DRAWING 10'.

- PREPARED SUBGRADE BASE AND GROUNDWATER RELIEF SYSTEM, REFER TO 'DRAWINGS 10 & 20' FOR DETAILS.

SECTION 3 TYPICAL CONNECTION TO EXISTING STAGE 1 COMPOSITE LINER SYSTEM
SCALE 1:NTS

Drawing History		
Rev	Description	Date
A	Preliminary	18/08/08
B	For Approval	25/08/08

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT LOCATION & LEVEL SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN



SECTION 4 TYPICAL CELL FLOOR PROFILE (MIRROR ABOUT VALLEY LINE 1 FOR CONTINUATION)
SCALE 1:20

Issued For Approval

Not For Construction



Scale: As Shown @ A1

Drawing	Clayton Road Landfill Joint Venture
22	Cell Liner & Leachate Collection System - Details & Sections 2 of 4
Revision	
B	Clayton Road Landfill Construction of Stage 2