



**WINSTONE**  
AGGREGATES

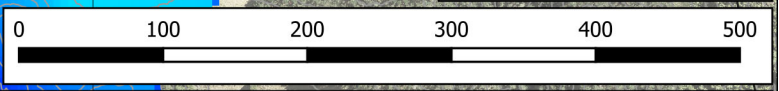
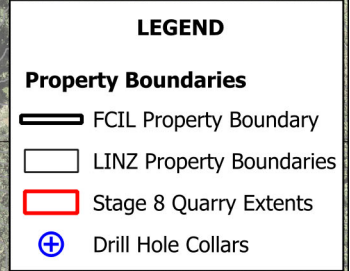
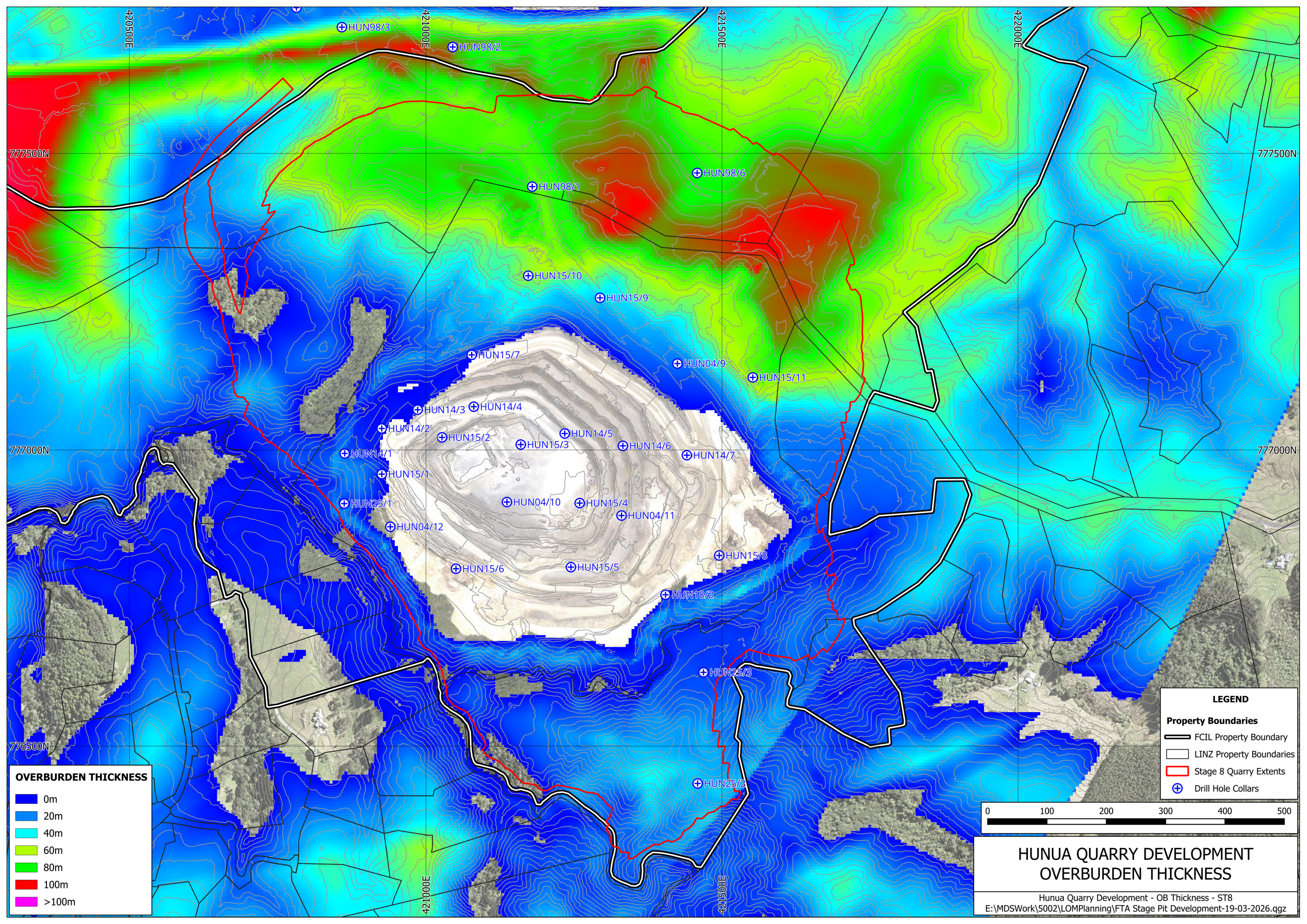
Boffa Miskell



Part  
B

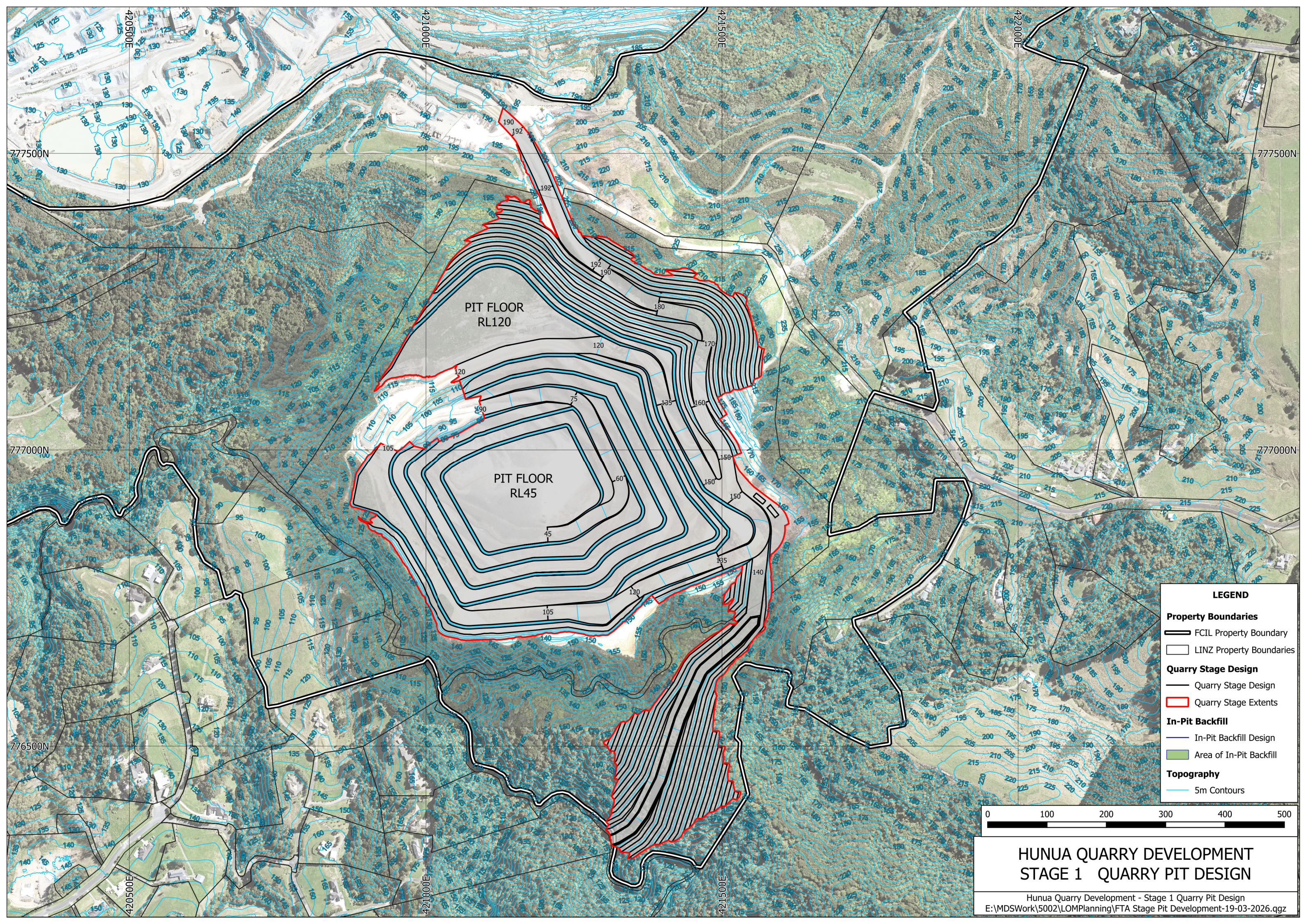
# Appendix B12.3ab

Plans of the Proposal



**HUNUA QUARRY DEVELOPMENT  
OVERBURDEN THICKNESS**

Hunua Quarry Development - OB Thickness - ST8  
 E:\MDSWork\5002\LOMPlanning\FTA Stage Pit Development-19-03-2026.ggz

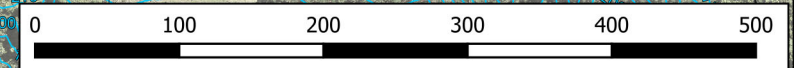


PIT FLOOR  
RL120

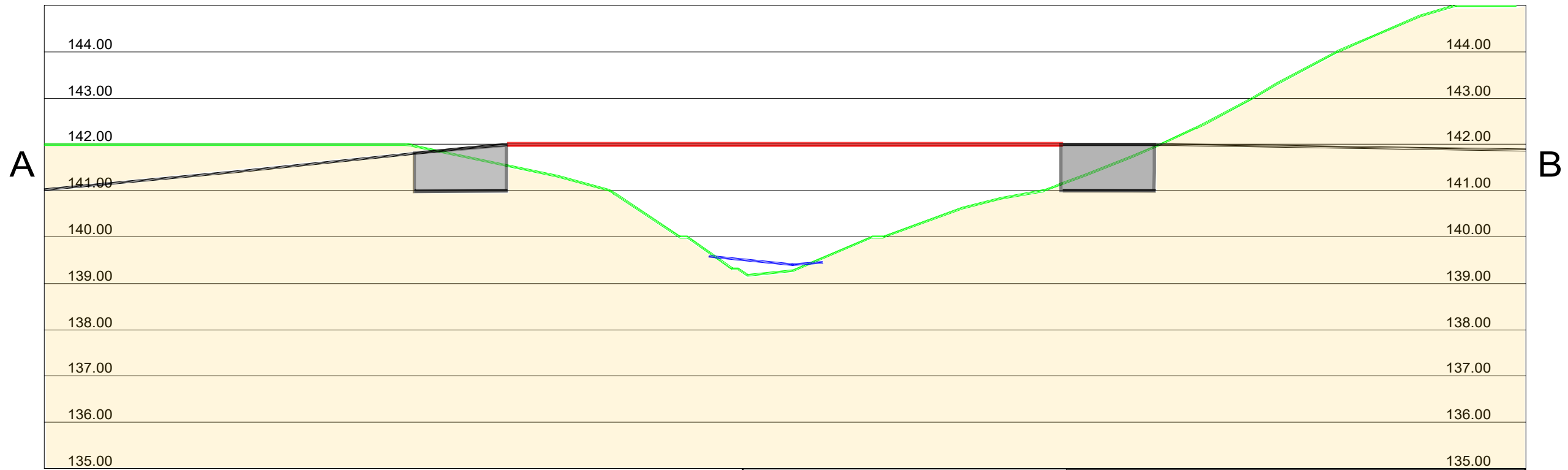
PIT FLOOR  
RL45






**LEGEND**

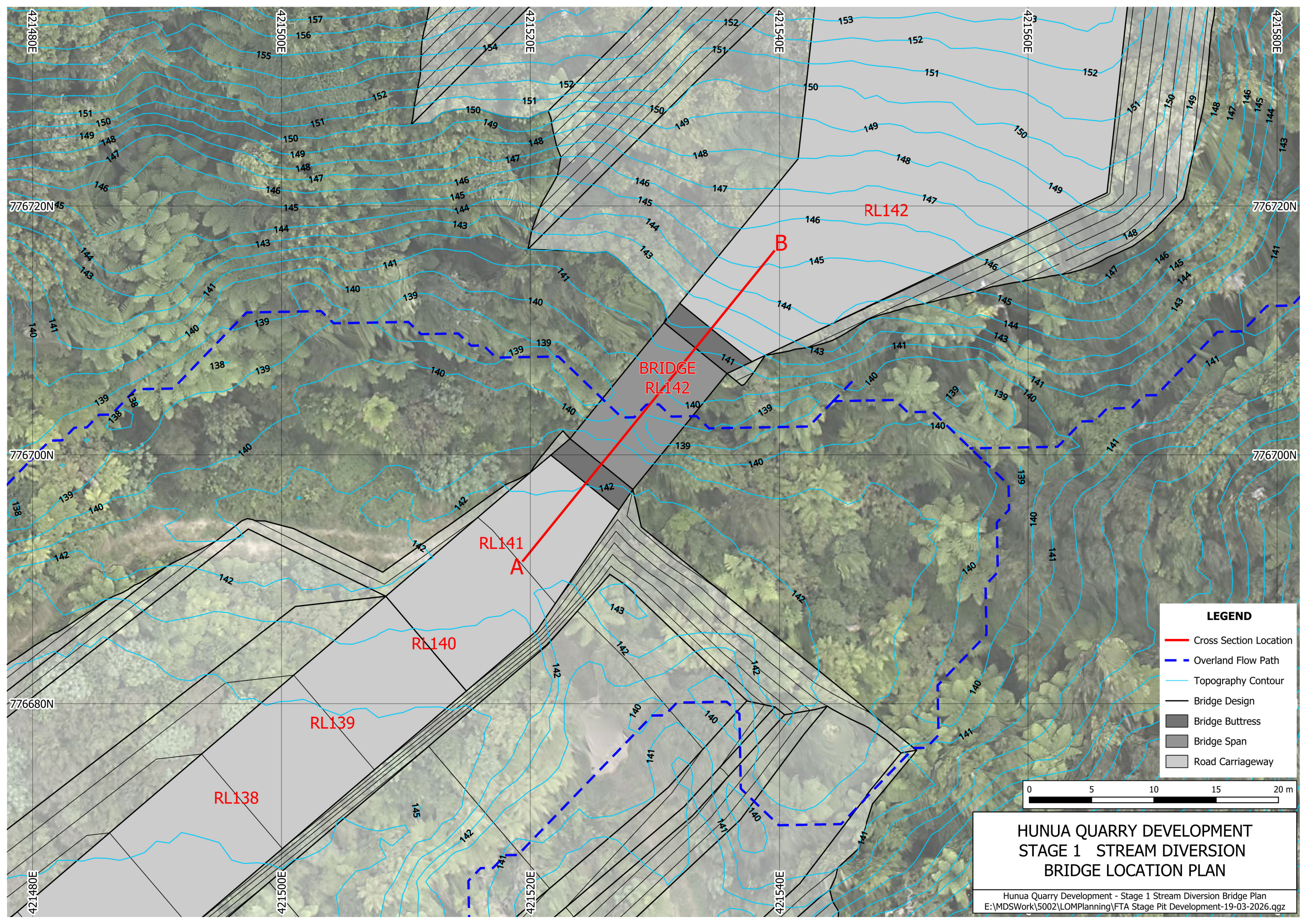
- Property Boundaries**
  - FCIL Property Boundary
  - LINZ Property Boundaries
- Quarry Stage Design**
  - Quarry Stage Design
  - Quarry Stage Extents
- In-Pit Backfill**
  - In-Pit Backfill Design
  - Area of In-Pit Backfill
- Topography**
  - 5m Contours



# HUNUA QUARRY DEVELOPMENT STAGE 1 QUARRY PIT DESIGN

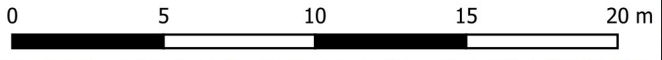


BRIDGE		<b>HUNUA QUARRY DEVELOPMENT</b>	
BUTTRESS			
ROAD		<b>STAGE 1 STREAM DIVERSION BRIDGE CROSS SECTION</b>	
STREAM		Scale 1:100	<b>xs-bridge</b>
TOPOGRAPHY			

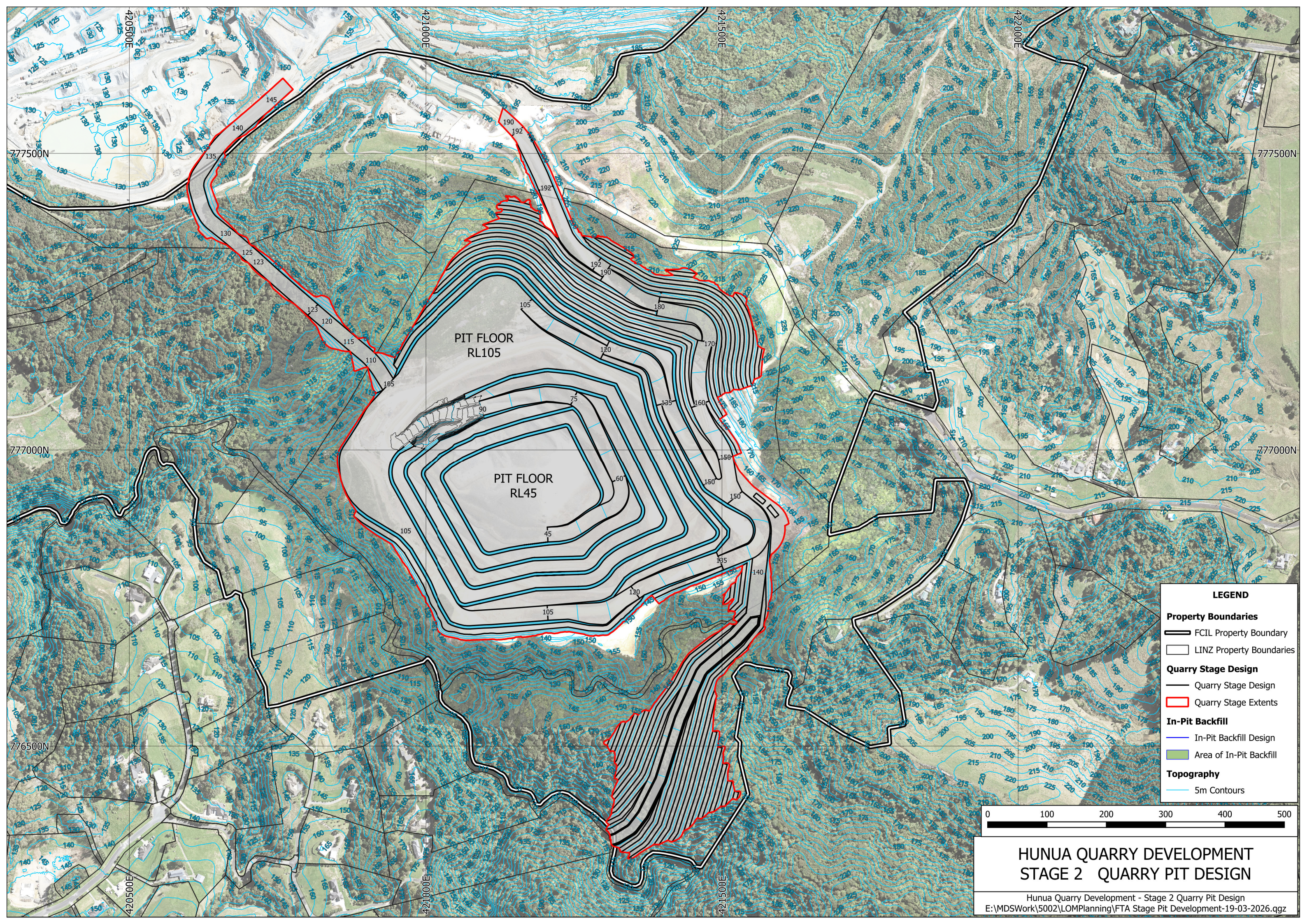


**LEGEND**

- Cross Section Location
- - - Overland Flow Path
- Topography Contour
- Bridge Design
- Bridge Buttress
- Bridge Span
- Road Carriageway



**HUNUA QUARRY DEVELOPMENT  
STAGE 1 STREAM DIVERSION  
BRIDGE LOCATION PLAN**

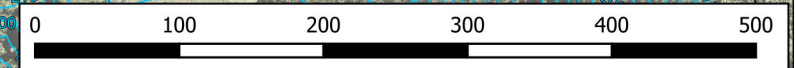


PIT FLOOR  
RL105

PIT FLOOR  
RL45

**LEGEND**

- Property Boundaries**
- FCIL Property Boundary
- LINZ Property Boundaries
- Quarry Stage Design**
- Quarry Stage Design
- Quarry Stage Extents
- In-Pit Backfill**
- In-Pit Backfill Design
- Area of In-Pit Backfill
- Topography**
- 5m Contours



**HUNUA QUARRY DEVELOPMENT  
STAGE 2 QUARRY PIT DESIGN**