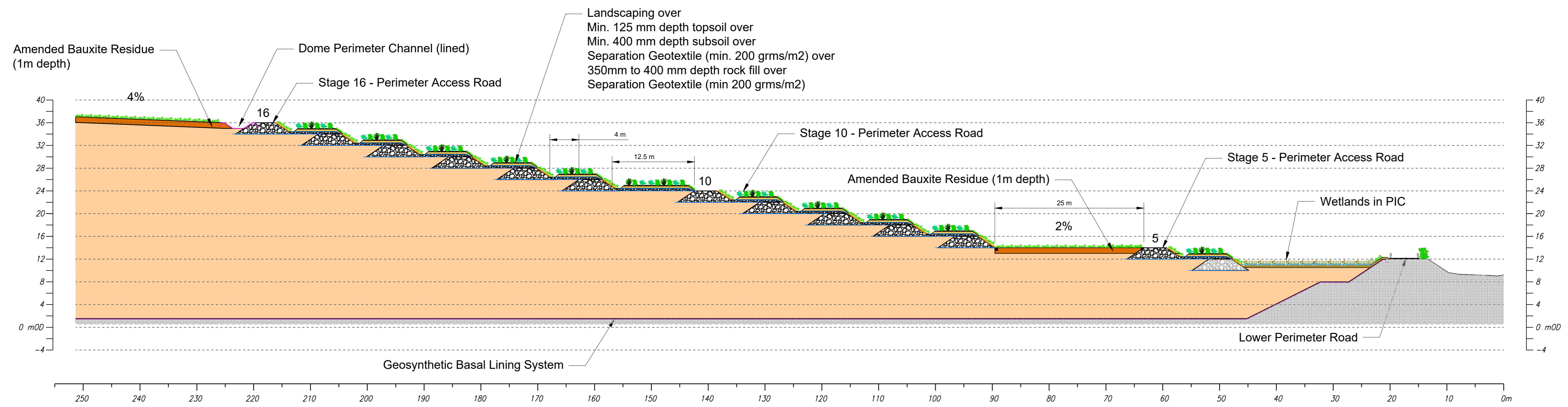
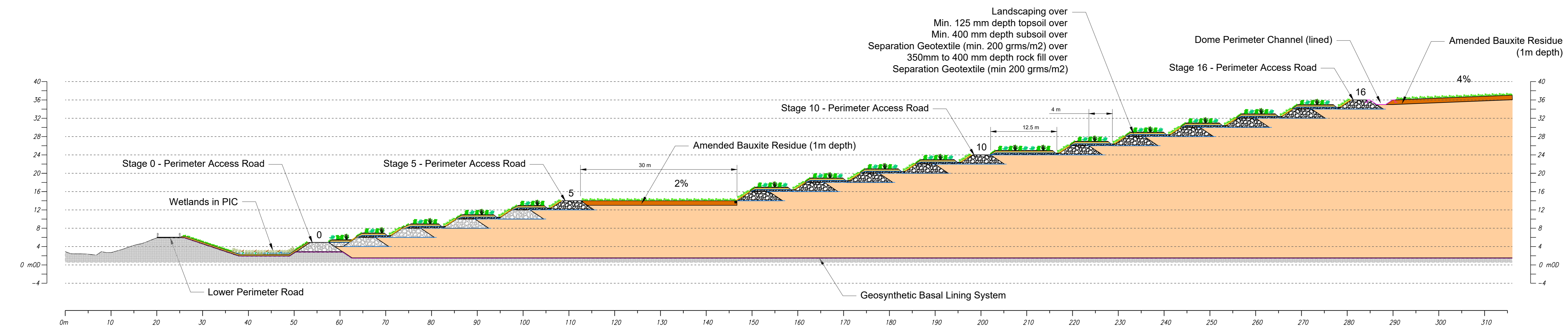


SECTION B - B': WEST SIDE-SLOPE PROFILE



SECTION C - C': EAST SIDE-SLOPE PROFILE



SECTION C - C': WEST SIDE-SLOPE PROFILE

LEGEND

	BAUXITE RESIDUE
	SALT CAKE
	EXISTING ROCK FILL FOR STAGE RAISES / SDCD WALLS / CAPPING CONTAINMENT
	PROPOSED ROCK FILL FOR STAGE RAISE / SDCD WALLS / CAPPING CONTAINMENT
	SUBSOIL LAYER
	TOPSOIL LAYER
	AMENDED BAUXITE RESIDUE
	SEPARATION GEOTEXTILE
	COMPOSITE LINING (GCL & GEOMEMBRANE)

NOTES:
 THE FOUNDATIONS SUPPORTING THE BRDA STAGE RAISES, THE SDCD RAISES AND THE ACCESS RAMP TO THE SDCD ARE THOSE LAYERS / STRATA WITH DEFINED SHEAR STRENGTH CONSISTING OF UNDERLYING BAUXITE RESIDUE AND/OR ROCK FILL (SEE ENGINEERING DESIGN REPORT: BRDA RAISE DEVELOPMENT)

NOTES:
 GRID REFERENCES ARE IN METRES & TO IRISH NATIONAL GRID.
 DIMENSIONS AND LEVELS ARE IN METRES, TO O.S. DATUM & CORRESPOND TO APRIL 2021 AERIAL SURVEY FOR EXISTING CONTOURS (DWG 02-SERIES)
 BORROW PIT (PERMITTED & PROPOSED) DRAWINGS ARE PROVIDED IN THE DWG 13 SERIES
 SDCD DRAWINGS ARE PROVIDED ON DWG 10 AND IN THE DWG 14-SERIES
 BRDA CONSTRUCTION DRAWINGS ARE PROVIDED IN THE DWG 05-SERIES AND THE DWG-06 SERIES
 BRDA CLOSURE DRAWINGS ARE PROVIDED ON DWG 10 AND IN THE DWG 12-SERIES
 LANDSCAPING DETAILS AT CLOSURE ARE PROVIDED ON THE BSM DRAWING 6368_350 - SERIES

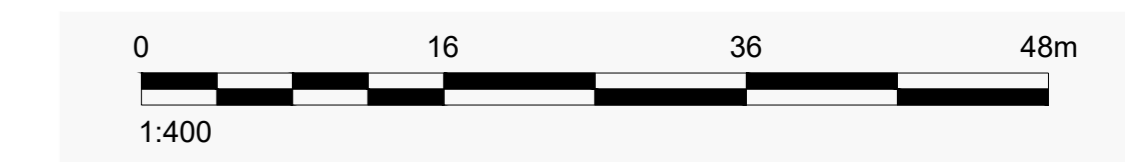
CLIENT
 AUGHINISH ALUMINA LTD.

CONSULTANT

YYYY-MM-DD	2021-Nov-30
DESIGNED	BK
PREPARED	POB
REVIEWED	BK
APPROVED	BK

PROJECT
 BRDA RAISE PLANNING APPLICATION DRAWINGS

TITLE
Side-Slope Profiles: Zoomed - Permitted and Proposed Raises Section B-B' (West) and Section C-C' (East and West)
 PROJECT NO. 20143076 DRAWING NO. 05d REV. A SCALE 1:400 A0



IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ISO/A4