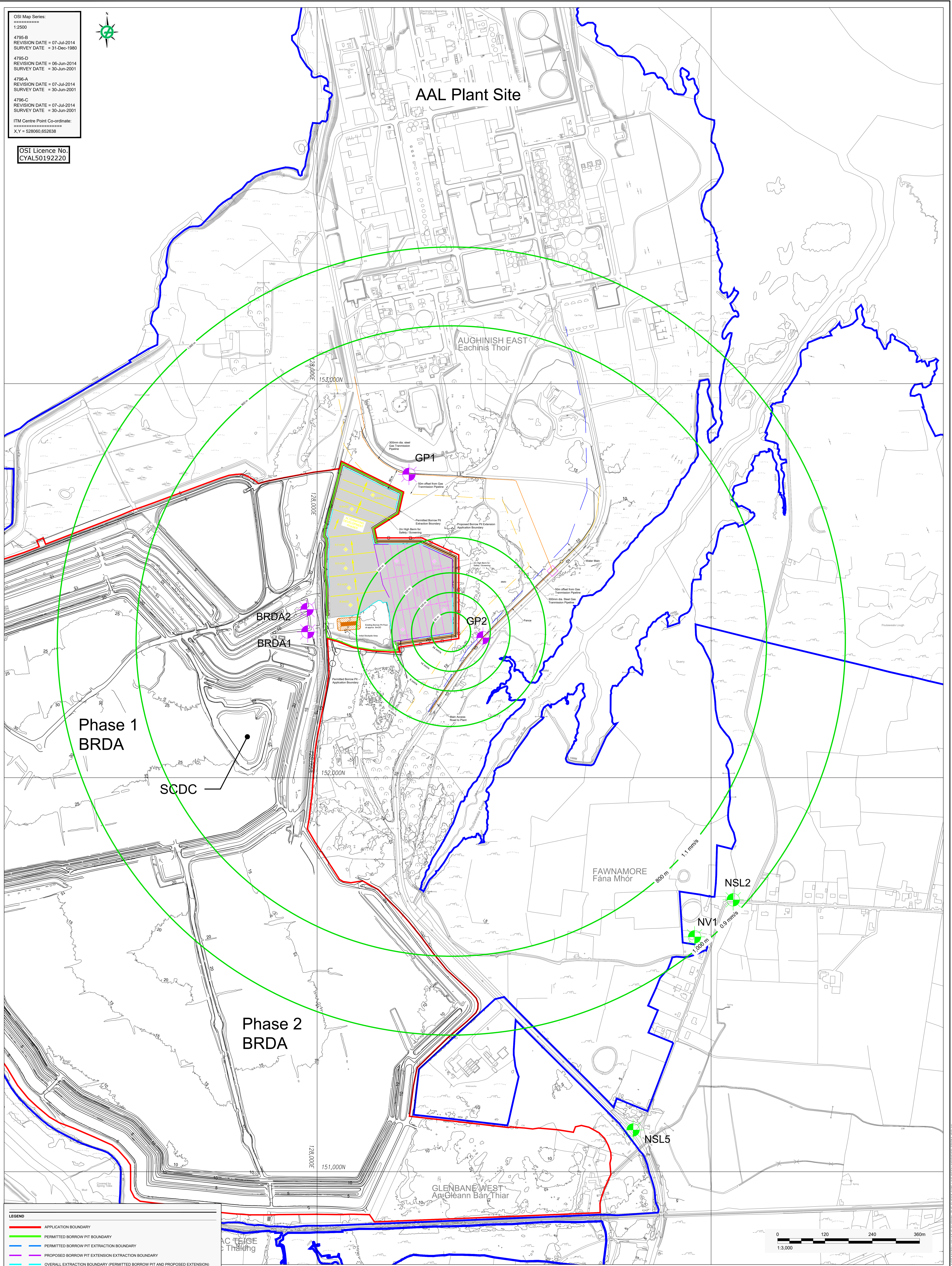


OSI Map Series:
 1:2500
 4795-B
 REVISION DATE = 07-Jul-2014
 SURVEY DATE = 31-Dec-1980
 4795-D
 REVISION DATE = 06-Jun-2014
 SURVEY DATE = 30-Jun-2001
 4795-A
 REVISION DATE = 07-Jul-2014
 SURVEY DATE = 30-Jun-2001
 4795-C
 REVISION DATE = 07-Jul-2014
 SURVEY DATE = 30-Jun-2001
 ITM Centre Point Co-ordinate:
 X,Y = 528960,652630



OSI Licence No.
 CYAL50192220



LEGEND

- APPLICATION BOUNDARY
- PERMITTED BORROW PIT BOUNDARY
- PERMITTED BORROW PIT EXTRACTION BOUNDARY
- PROPOSED BORROW PIT EXTRACTION BOUNDARY
- OVERALL EXTRACTION BOUNDARY (PERMITTED BORROW PIT AND PROPOSED EXTENSION)
- SAFETY / SCREENING BERM (MIN. 2m HIGH)
- SECURITY FENCING (SEE DETAIL A ON DRAWING 136)
- EXISTING CONDITIONS GROUND CONTOUR (mOD)
- PERMITTED BORROW PIT PHASING (INDICATIVE)
- PROPOSED BORROW PIT EXTENSION PHASING (INDICATIVE)
- PEAK PARTICLE VELOCITY (PPV) CONTOUR IN mm/s
- VIBRATION AND AIR OVERPRESSURE MONITORING
- VIBRATION MONITORING

NOTES:
 GRID REFERENCES ARE IN METRES & TO IRISH NATIONAL GRID.
 LEVELS ARE IN METRES TO O.S. DATUM & CORRESPOND TO APRIL 2002 AERIAL SURVEY
 DIMENSIONS ARE IN METRES.

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	Borrow Pit Extension: Estimated Peak Particle Velocity (PPV) Contour Plot (based on the selected design blast parameters)
PROJECT NO.	20143076
DRAWING NO.	13d
REV.	A
SCALE	1:3,000 A0

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