

Legal Description Part of Lots 11, 12 and 13, Concession (former geographic Township of Mara) Township of Ramara County of SImcoe Licence Boundary Limit of Extraction Additional Land Owned by Licensee Lot Fabric Contours with Elevation —235—— Metres above sea level (MASL) Lot and Concessions - dark grey 236 Parcel Fabric - light grey **Fence** Cross - 1.2m post & wire fence Square - 1.2m wood fence │ Entrance / Exit Field Entrance - Hollow Operational Entrance - Solid Watercourse \bigvee (Direction of flow indicated by arrows) Watercourse Direction of Excavation & Intermittent Phase Boundary (Direction of flow indicated by arrows) Water Feature Proposed - Solid Existing - Dashed Wooded Area Building/Structure Archaeological Buffer Area Wetland 20 metre Protective Buffer - small dashed line (Non-Provincially Significant Wetland) From Land Information Ontario (LIO) 50 metre Monitoring Buffer - large dashed line Noise Attenuation Spot Elevation Top - Existing (masl) / Middle - Water Table (masl) Bottom - Maximum Depth of Extraction (masl) Noise Attenuation Proposed Elevation Metres above sea level (MASL) Area 2 Noise Attenuation Proposed Final Slope (Horizontal: Vertical) Main Discharge Pipe Proposed Final Grade Monitoring Well Surface Water Monitoring Pond Monitoring

Site Plan Acronyms

ARA - Aggregate Resources Act MASL - Metres Above Sea Level

3. MNRF - Ministry of Natural Resources and Forestry 4. MCM - Ministry of Citizenship and Multiculturalism MGCS - Ministry of Government and Consumer Services MECP - Ministry of Environment, Conservation and Parks

MTO - Ministry of Transportation - Ontario 8. DFO - Fisheries and Oceans Canada 9. PTTW - Permit to Take Water

10. ECA - Environmental Compliance Approval 11. ESA - Environmental Site Assessment

12. SAR - Species at Risk 13. LIO - Land Information Ontario

Site Plan Amendments

Site Plan Revisions (Pre-Licencing)

113 COLLIER STREET, BARRIE, ON, L4M 1H2 | P: 705.728.0045 F: 705.728.2010 | WWW.MHBCPLAN. MHBC Stamp **Christopher Poole** Is authorized by the Ministry of Natural Resources and Forestry pursuant to Subsection 0.2(3)(f) of Ontario Regulation 244/97 to prepare and certify site plans.

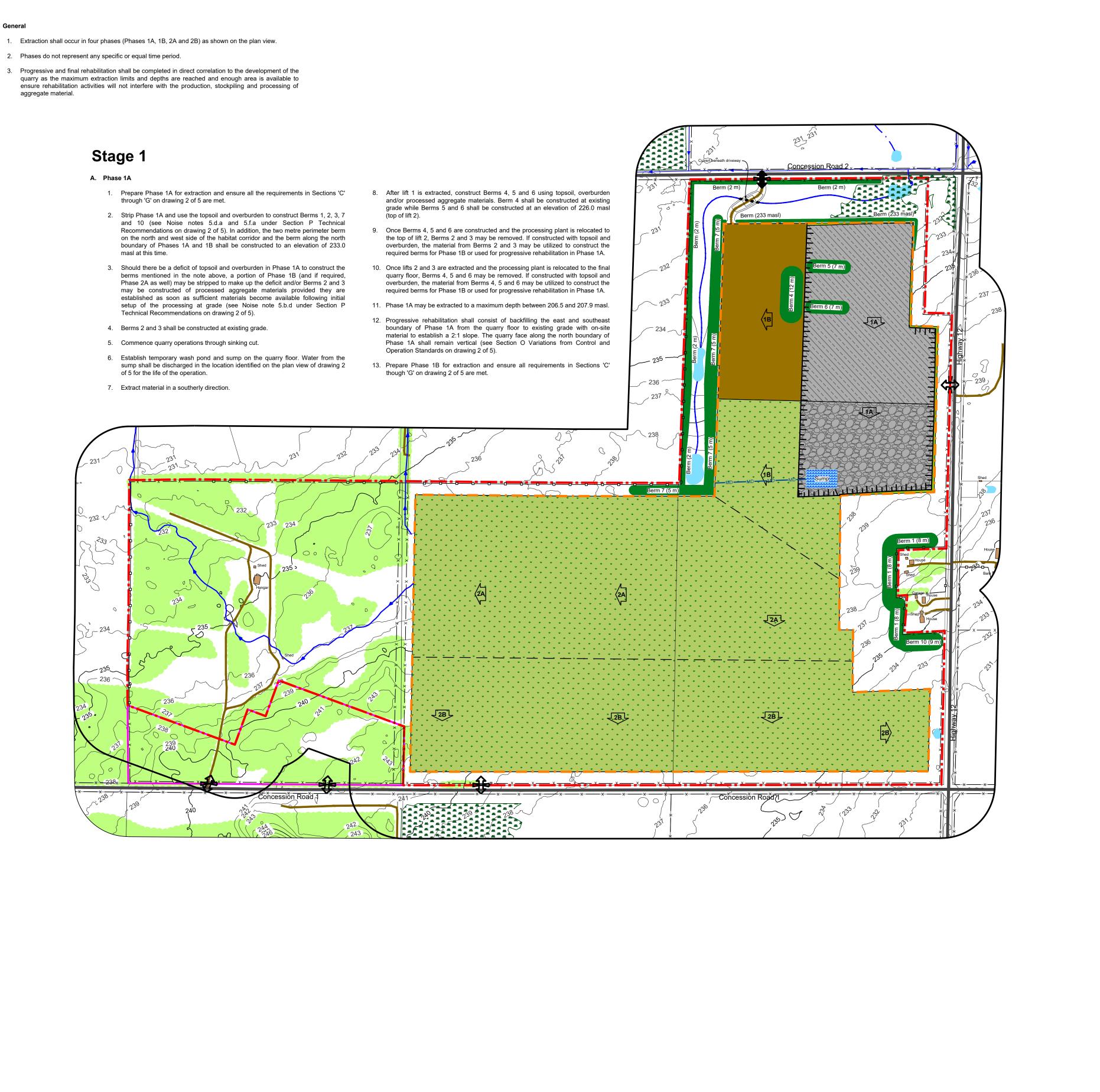
LCP Quarry Limited 145 Adelaide Street West Suite 500 Toronto, Ontario M5H 4ES

Brechin Quarry

1646 & 1506 Highway 12 and 2440 & 2530 Concession Road 1, Brechin, Ontario, L0K 1B0 MNRF Licence Reference No. **Applicant's Signature** Plan Scale: 1:3000 (Arch E) April 2024

Operational Plan

2 of 5 File Path N:\Brian\12135B Talisker - Proposed Brechin Quarry\Drawings\Site Plan\CAD\12135B - Site Plan.dwg



Stage 2

B. Phase 1B

Extract material in a westerly direction.

schematic and on drawing 4 of 5.

2. Establish the permanent access ramp in the location shown on the Stage 2

plan view of drawing 2 of 5 for the life of the operation.

3. Establish permanent sump on the quarry floor in the southwest corner of Phase

4. Phase 1B may be extracted to a maximum depth between 205.8 and 207.1 masl.

5. Progressive rehabilitation shall consist of backfilling the southeast boundary of

6. Prior to site preparation in Phase 2A, the two sheds and hangar in Lot 13,

7. Prepare Phase 2A for extraction and ensure all requirements in Sections 'C'

Variations from Control and Operation Standards on drawing 2 of 5).

Concession 1 shall be removed (if not already completed).

though 'G' on drawing 2 of 5 are met.

Phase 1B from the quarry floor to existing grade with on-site material to establish

a 2:1 slope. The quarry face along the north and west boundary of Phase 1B,

except where the access ramp is located, shall remain vertical (see Section O

1B. Water from the sump shall be discharged in the location identified on the

C. Phase 2A

1. Strip the remainder of Phase 2A and use the topsoil and overburden to construct

2. Extract material in a southerly direction before proceeding in a westerly direction.

3. A bench shall remain along the west boundary of Phase 2A. The bench shall be

4. Phase 2A may be extracted to a maximum depth between 203.4 and 206.4 masl.

Control and Operation Standards on drawing 2 of 5).

though 'G' on drawing 2 of 5 are met.

Concession 1 shall be removed (if not already completed).

wide enough to accommodate a 2:1 slope from existing grade to an elevation of

231.0 masl, plus a minimum two metre wide safety ledge at the toe of the slope.

Progressive rehabilitation shall consist of backfilling the bench along the west boundary of Phase 2A with on-site material to establish a 2:1 slope. The east

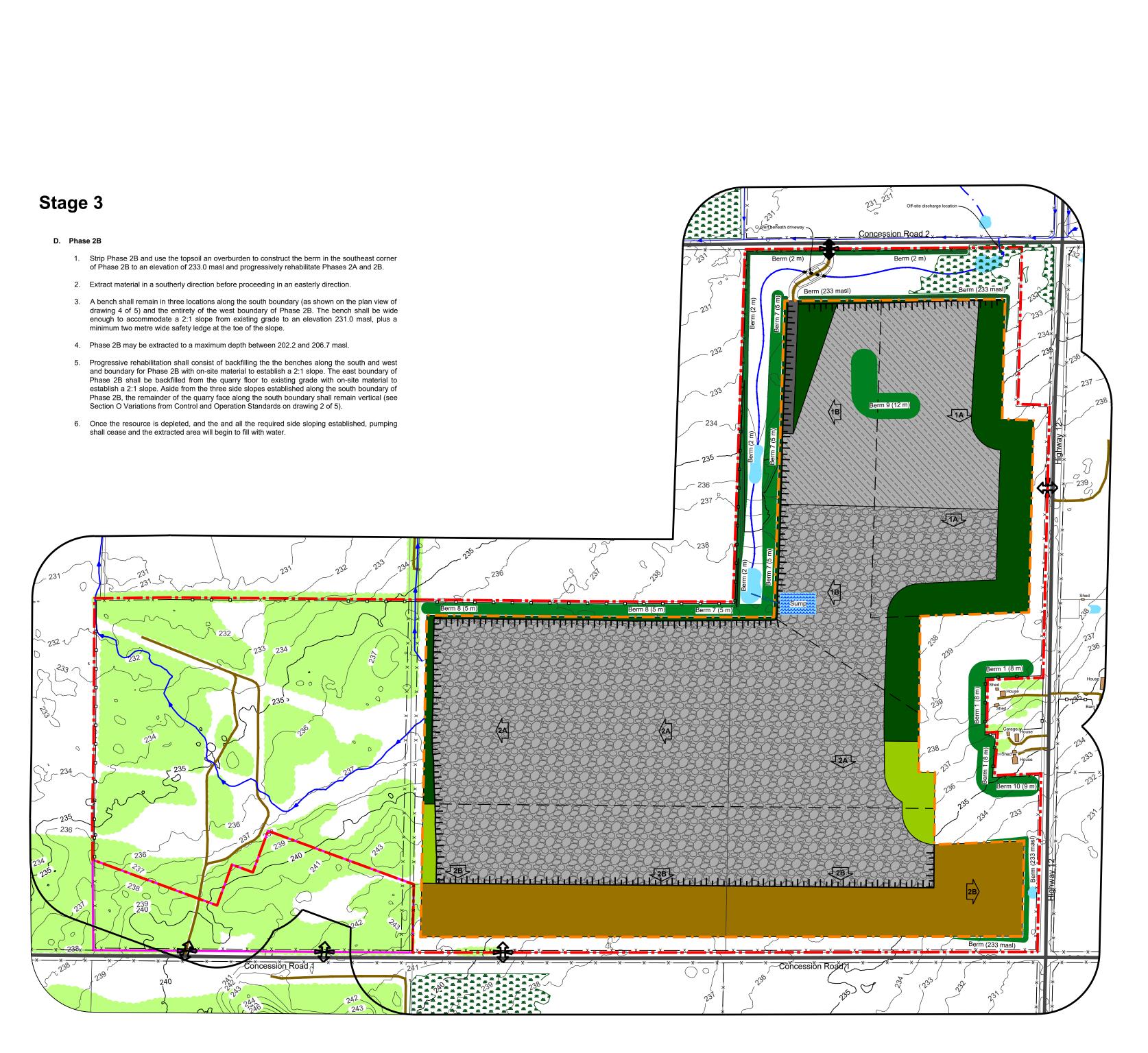
boundary of Phase 2A shall be backfilled from the quarry floor to existing grade

with on-site material to establish a 2:1 slope. The quarry face along the north boundary of Phase 2A shall remain vertical (see Section O Variations from

6. Prior to site preparation in Phase 2B, the silo and barn ruins in Lot 12,

Prepare Phase 2B for extraction and ensure all requirements in Sections 'C'

Berms 8 and 9 as well as progressively rehabilitate Phases 1A and 2B.



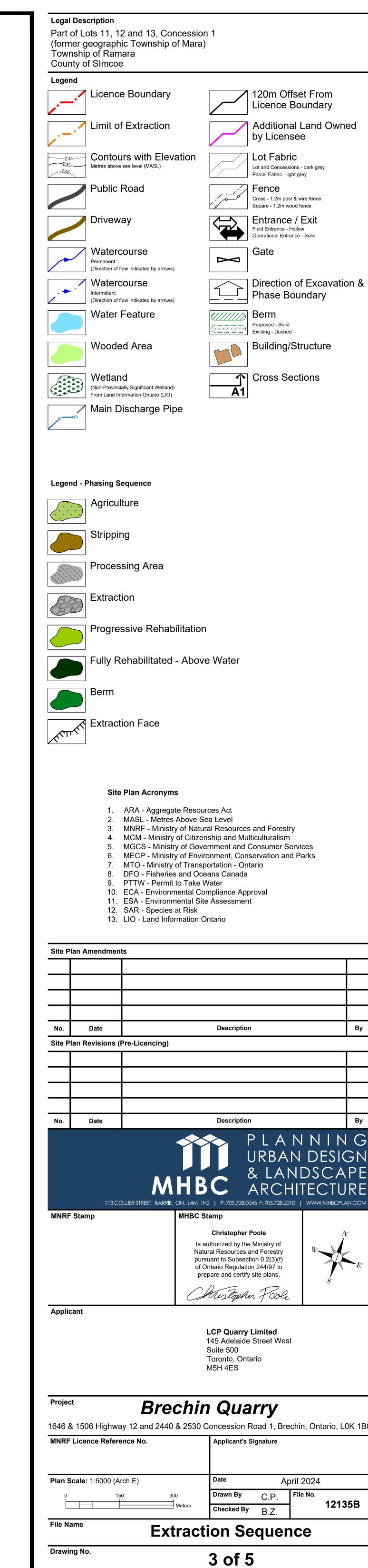
While Extracting Lifts 2 and 3

LYAZ

All Lifts Have Been Extracted

Required Berms in Phase 1

While Extracting Lift 1



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