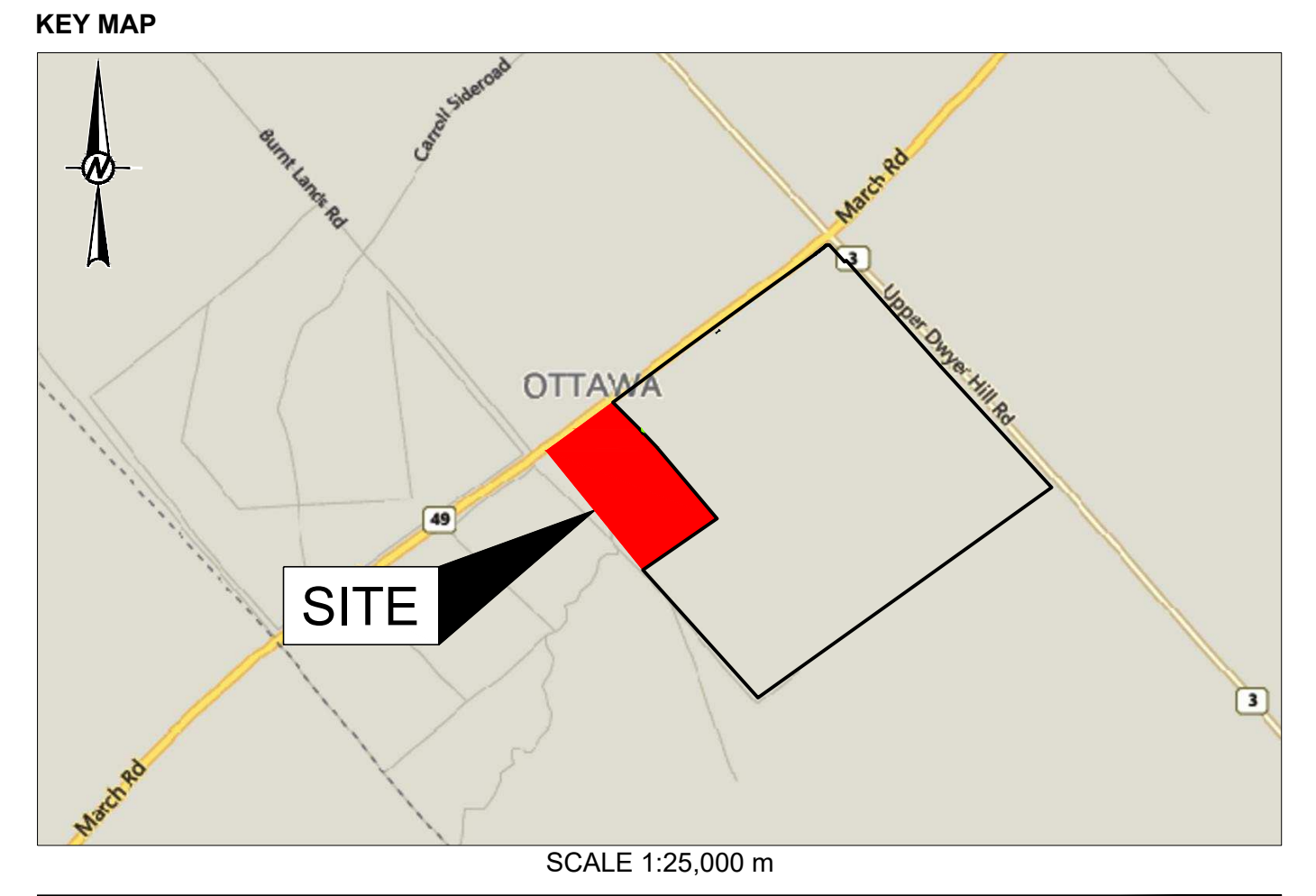


EXISTING FEATURES - GENERAL  
SCALE 1:2 mm



**WEST CARLETON QUARRY EXTENSION**  
PART OF LOT 15, CONCESSION 11  
FORMER GEOGRAPHIC TOWNSHIP OF HUNTLEY,  
CITY OF OTTAWA

APPLICANT:  
THOMAS CAVANAGH CONSTRUCTION LIMITED  
9094 CAVANAGH ROAD  
ASHTON, ONTARIO  
K0A 1B0

QUARRY LICENSE NO. \_\_\_\_\_

**NOTE(S)**

- LICENCED AREA, WEST CARLETON QUARRY EXTENSION 18.2 HECTARES.
- AREA OF OPERATION, WEST CARLETON QUARRY EXTENSION 16.5 HECTARES.
- THIS SITE PLAN IS PREPARED FOR SUBMISSION TO THE MINISTRY OF NATURAL RESOURCES AND FORESTRY IN CONJUNCTION WITH AN APPLICATION FOR A CLASS 'A', CATEGORY 2 QUARRY BELOW WATER UNDER THE AGGREGATE RESOURCES ACT AND REGULATIONS.
- THIS PLAN WAS PREPARED USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS.
- LOT, CONCESSION AND BOUNDARY LINES ON THIS PLAN ARE APPROXIMATE.
- THIS IS NOT A LEGAL SURVEY DRAWING IN ACCORDANCE WITH THE PROVINCE OF ONTARIO SURVEYORS ACT 1987. THIS DRAWING WAS PRODUCED USING STANDARD PHOTOGRAMMETRIC PRACTICES.

**LEGEND**

- BOUNDARY OF AREA TO BE LICENCED (Red dashed line)
- LIMIT OF EXTRACTION (Red dashed line)
- 120-METRE SURROUND (Black dashed line)
- BOREHOLE / MONITORING WELL (Circle with crosshair)
- PRIVATE WELL (AS PER MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS WATER WELL INFORMATION SYSTEM) (Circle with triangle)
- CON 12, LOT 15  
CON 12, LOT 14  
LOTS AND CONCESSION LINES (Dashed line)
- ME[725r] LAND ZONING BY-LAW (Text)
- BUILDING; S-SILO, H-HOUSE, G-GARAGE, B-BARN, S-SHED, O-OFFICE, SC-SCALE HOUSE, A-AUTO (Square with letter)
- PAGE WIRE FENCE/GATE (Dashed line with crossbar)
- UTILITY POLE (Circle with crosshair)
- PRIMARY ENTRANCE (Green triangle)
- PRIMARY EXIT (Black triangle)

**REFERENCE(S)**

- KEY PLAN: Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community.
- LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDR ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2016.
- CITY OF OTTAWA 2012 TOPO LIDAR TILES.
- MAPPING AND GROUND CONTROL FOR THE SITE PLAN COMES FROM LAND INFORMATION ONTARIO (LIO) DATA AVAILABLE FROM THE MINISTRY OF NATURAL RESOURCES AND FORESTRY, CITY OF OTTAWA 2012 TOPO LIDAR TILES AND A GROUND SURVEY CONDUCTED BY CAVANAGH IN NOVEMBER 2019. THE BACKGROUND AERIAL IMAGE ON PLAN 1 OF 5 (EXISTING FEATURES - GENERAL) IS FROM THE CITY OF OTTAWA 2017 AERIAL MAPPING AND WAS EXPORTED FROM GEOOTTAWA.
- PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28.

EXISTING FEATURES - GENERAL (PAGE 1 OF 5)

NOTE: THE NUMBERS BELOW REFER TO AGGREGATE RESOURCES OF ONTARIO: SITE PLAN STANDARDS (AUGUST 2020)

16 EXISTING ZONING

THE EXISTING ZONING OF LAND ON AND WITHIN 120 METRES OF THE SITE IS SHOWN ON THIS PLAN (PAGE 1 OF 5).

CLIENT

THOMAS CAVANAGH CONSTRUCTION LIMITED

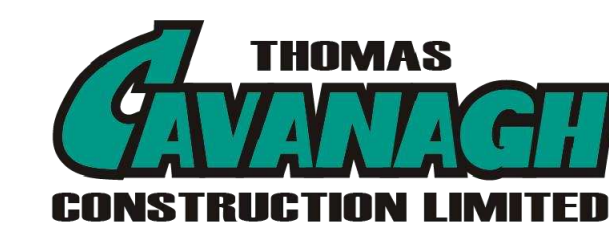
PROJECT

WEST CARLETON QUARRY EXTENSION

TITLE

EXISTING FEATURES - GENERAL

APPLICANT



YYYY-MM-DD	2021-02-17
DESIGNED	----
PREPARED	JM
REVIEWED	JPAO
APPROVED	KAM

PROJECT NO.  
1899975

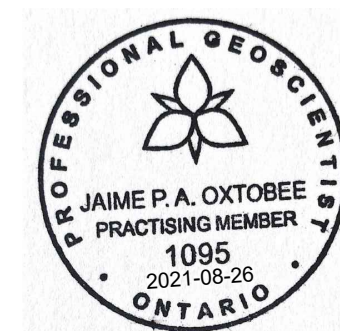
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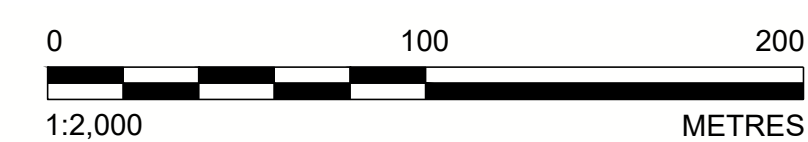
FIGURE  
1 OF 5

LAND USE / ZONING CITY OF OTTAWA BY-LAW NO. 2008-250 CONSOLIDATION	ENVIRONMENTAL PROTECTION ZONE SUBZONE 3
EP3	MINERAL EXTRACTION ZONE RURAL EXCEPTION 725
ME[725r]	

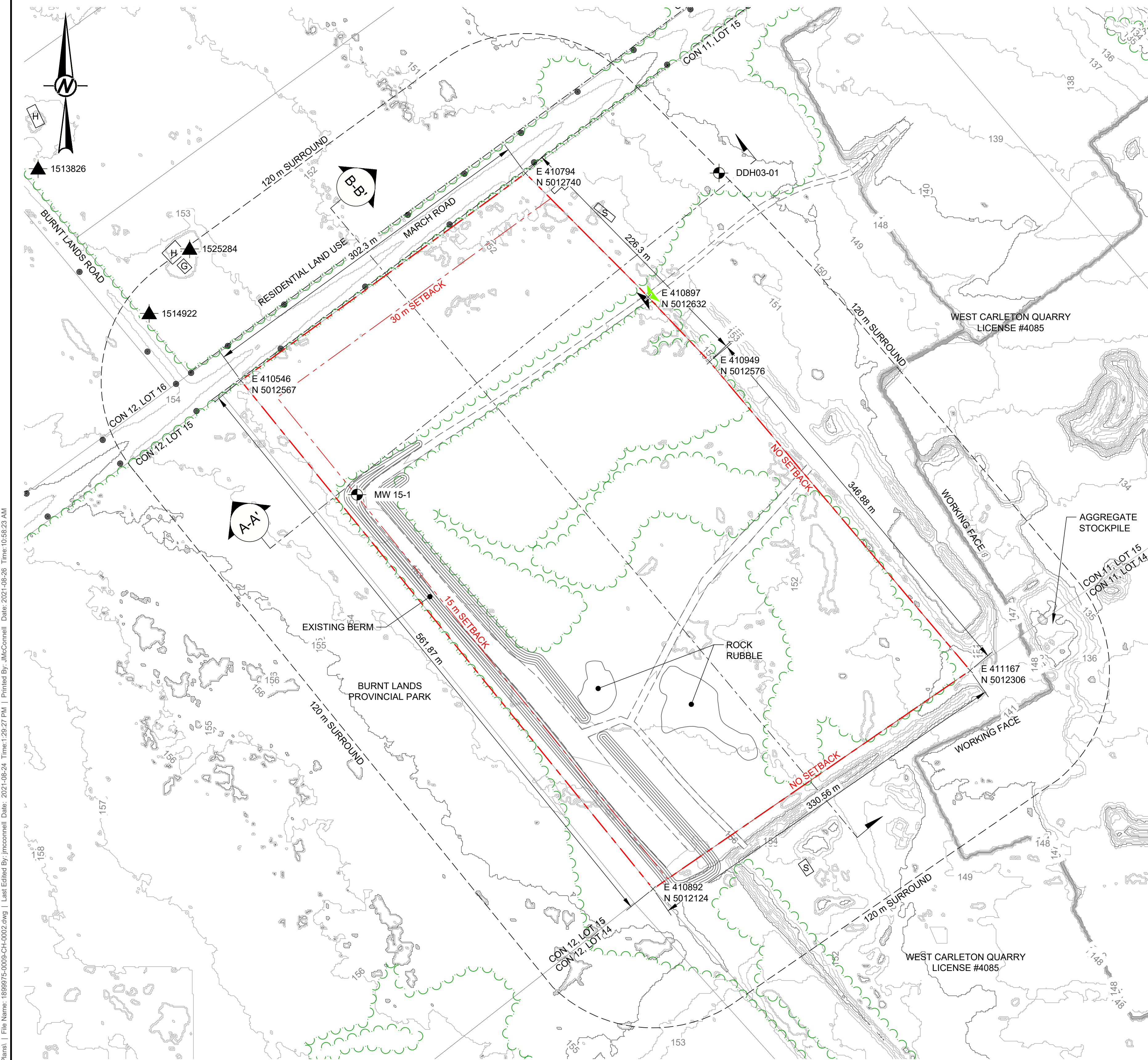
AMENDMENTS	DATE	APPROVAL DATE
SITE PLANS APPROVED BY THE MINISTRY OF NATURAL RESOURCES AND FORESTRY.		
SIGNATURE _____		DATE _____



SIGNATURE OF APPLICANT/LICENSEE	2021-08-26
DATE	
PREPARED UNDER THE DIRECTION OF:	2021-08-26
DATE	







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 Print Date: 2021-08-26 | Time: 10:58:25 AM | Printed By: jacobson | Date: 2021-08-26 | Time: 10:58:25 AM

**EXISTING FEATURES - SITE (PAGE 2 OF 5)**  
 NOTE: THE NUMBERS BELOW REFER TO AGGREGATE RESOURCES OF ONTARIO: SITE PLAN STANDARDS (AUGUST 2020)

**17 EXISTING LAND USE**  
 TO THE EAST AND SOUTH OF THE SITE, THE EXISTING LAND USE IS AGGREGATE EXTRACTION (CAVANAGH'S WEST CARLETON QUARRY LICENSE NUMBER 4085). TO THE NORTH OF THE SITE BEYOND MARCH ROAD THE LAND USE IS RESIDENTIAL AND THE BURNT LANDS PROVINCIAL PARK IS LOCATED TO THE WEST OF THE SITE. THE EXISTING LAND USE ON THE SITE IS VACANT.

**18 MAXIMUM PREDICTED WATER TABLE**  
 BASED ON THE AVAILABLE GROUNDWATER ELEVATION DATA, THE MAXIMUM PREDICTED WATER TABLE WITHIN THE SITE IS 151.8 M ASL ON THE WEST SIDE (AS MEASURED AT MW15-1). BASED ON THE GROUNDWATER ELEVATION DATA MEASURED AT DD03-01 LOCATED JUST EAST OF THE SITE, THE WATER TABLE SLOPES DOWN MOVING FROM WEST TO EAST, AND THE MAXIMUM PREDICTED WATER TABLE ON THE EAST SIDE OF THE SITE IS APPROXIMATELY 143 M ASL. BECAUSE THE HORIZONTAL GROUNDWATER FLOW DIRECTION IS FROM WEST TO EAST ACROSS THE SITE, THE GROUNDWATER ELEVATIONS ARE GENERALLY CONSISTENT IN THE NORTH-SOUTH DIRECTION. THE MAXIMUM PREDICTED WATER TABLE IS SHOWN ON THE EXISTING FEATURES CROSS-SECTIONS ON THIS PLAN (PAGE 2 OF 5).

**19 LOCATION OF EXISTING ENTRANCES TO AND EXITS FROM THE SITE**  
 THERE ARE CURRENTLY NO EXTERNAL ENTRANCES/EXITS FOR THE SITE. THE SITE IS ACCESSED THROUGH THE ENTRANCES/EXITS ASSOCIATED WITH THE EXISTING WEST CARLETON QUARRY (LICENSE NUMBER 4085). THE CURRENT INTERNAL ENTRANCE/EXIT POINT FOR THE SITE IS SHOWN ON THIS PLAN (PAGE 2 OF 5).

**20 SIGNIFICANT NATURAL FEATURES ON AND WITHIN 120 METRES OF THE SITE**  
 BASED ON BACKGROUND REVIEW AND FIELD SURVEYS, FOUR ENDANGERED OR THREATENED SPECIES AND/OR THEIR HABITAT WERE IDENTIFIED ON-SITE AND/OR WITHIN 120 METRES FROM THE SITE: EASTERN WHIP-POOR-WILL, LITTLE BROWN MYOTIS, EASTERN SMALL-FOOTED MYOTIS, AND BLANDING'S TURTLE. OF THESE SPECIES, ONLY EASTERN WHIP-POOR-WILL WAS DETERMINED TO HAVE HABITAT THAT OCCURS ON THE SITE (APPROXIMATELY 2.2 HECTARES).

THE WOODLANDS IN THE NORTHERN PORTION OF THE SITE ARE CONSIDERED SIGNIFICANT. THE BURNT LANDS ALVAR AREA OF NATURAL AND SCIENTIFIC INTEREST IS LOCATED ON-SITE AND WITHIN 120 METRES OF THE SITE BOUNDARY.

**21 SIGNIFICANT HUMAN-MADE FEATURES ON AND WITHIN 120 METRES OF THE SITE**  
 THERE ARE NO SIGNIFICANT HUMAN-MADE FEATURES ON THE SITE. SIGNIFICANT HUMAN-MADE FEATURES WITHIN 120 METRES OF THE SITE INCLUDE THE EXISTING WEST CARLETON QUARRY (LICENSE NUMBER 4085) LOCATED TO THE EAST AND SOUTH OF THE SITE, MARCH ROAD TO THE NORTH OF THE SITE, ONE PRIVATE RESIDENCE LOCATED NORTH OF THE INTERSECTION OF MARCH ROAD AND BURNT LANDS ROAD AND ONE PORTABLE TRAILER OWNED BY CAVANAGH LOCATED ON THE SOUTH SIDE OF MARCH ROAD JUST EAST OF THE SITE ON THE EXISTING WEST CARLETON QUARRY PROPERTY.

**22 THE LOCATION AND USE OF ALL BUILDINGS AND STRUCTURES EXISTING ON AND WITHIN 120 METRES OF THE SITE**  
 THERE ARE CURRENTLY NO EXISTING PERMANENT BUILDINGS OR STRUCTURES LOCATED ON THE SITE. WITHIN 120 METRES OF THE SITE THERE IS ONE HOUSE LOCATED ON BURNT LANDS ROAD TO THE NORTH OF THE SITE AND ONE PORTABLE TRAILER OWNED BY CAVANAGH LOCATED ON THE SOUTHWEST SIDE OF MARCH ROAD JUST EAST OF THE SITE ON THE EXISTING WEST CARLETON QUARRY PROPERTY.

**23 SITE TOPOGRAPHY**  
 THE EXISTING SITE TOPOGRAPHY, ILLUSTRATED BY A ONE-METRE CONTOUR INTERVAL, EXPRESSED IN METRES ABOVE SEA LEVEL IS PRESENTED ON THIS PLAN (PAGE 2 OF 5).

**24 EXISTING SURFACE WATER AND DRAINAGE FACILITIES ON AND WITHIN 120 METRES OF THE SITE**  
 SURFACE WATER FEATURES ON THE SITE ARE LIMITED TO DITCHES ALONG ACCESS ROADS, AND MINOR PONDING IN DISTURBED AREAS AND LOW-LYING AREAS. WATER POOLS AND/OR FLOWS THROUGH THESE FEATURES DURING FRESHET, BUT BASED ON SITE OBSERVATIONS, THESE FEATURES TYPICALLY DRY UP WITH NO FLOW BY THE END OF APRIL OR EARLY MAY. BASED ON TOPOGRAPHY AND SITE OBSERVATIONS, WHEN PRESENT, DRAINAGE FROM THE SITE FLOWS TOWARDS THE EXISTING WEST CARLETON QUARRY AND IS HANDLED AS PART OF THE ONGOING WATER MANAGEMENT FOR THE WEST CARLETON QUARRY.

WITHIN 120 METRES OF THE SITE, SHALLOW ROADSIDE DITCHES EXIST ALONG THE NORTH AND SOUTH SIDES OF MARCH ROAD.

**25 LOCATION OF EXISTING TREE COVER**  
 THE EXISTING ON-SITE AND OFF-SITE TREE COVER IS SHOWN ON THIS PLAN (PAGE 2 OF 5). THE NORTHERN HALF OF THE SITE AND THE SOUTHEAST PORTION OF THE SITE ARE TREE COVERED. THE OFF-SITE LANDS TO THE WEST AND NORTH OF THE SITE ARE TREE COVERED.

**26 LOCATION/TYPE OF EXISTING FENCING**  
 EXISTING LOCATIONS FOR FENCING AROUND THE SITE ARE SHOWN ON THIS PLAN (PAGE 2 OF 5). PAGE WIRE FENCING EXISTS ON THE NORTHERN LICENSE BOUNDARY ADJACENT TO MARCH ROAD. THERE IS NO FENCING PRESENT ON THE EASTERN AND SOUTHERN BOUNDARIES OF THE SITE, WHICH ARE SHARED BOUNDARIES WITH THE EXISTING WEST CARLETON QUARRY, AND NO FENCING IS PRESENT ALONG THE WESTERN BOUNDARY OF THE SITE.

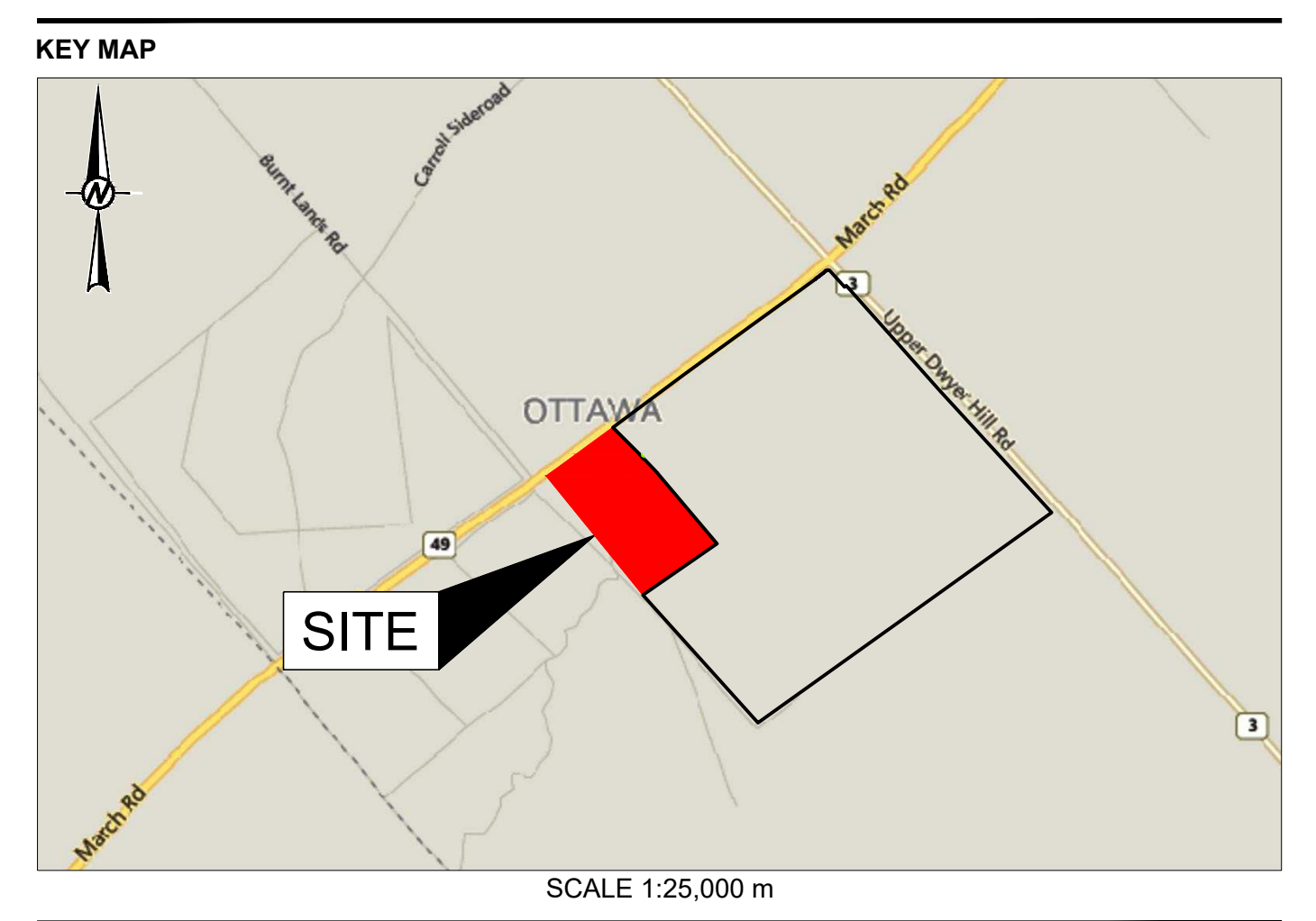
**EXISTING FEATURES CROSS-SECTIONS**  
**69 LOCATION OF CROSS-SECTIONS**  
 REFER TO DRAWING (THIS PLAN) FOR LOCATION OF EXISTING FEATURES CROSS-SECTIONS.

**70 HORIZONTAL AND VERTICAL SCALES**  
 APPROPRIATE HORIZONTAL AND VERTICAL SCALES ARE MARKED ON THE CROSS-SECTIONS.

**71 EXISTING FEATURES CROSS-SECTIONS**  
 TWO EXISTING FEATURES CROSS-SECTIONS ARE PROVIDED ON THE EXISTING FEATURES PLAN (PAGE 2 OF 5).

**72 MAXIMUM PREDICTED WATER TABLE**  
 THE MAXIMUM PREDICTED WATER TABLE IS IDENTIFIED ON THE EXISTING FEATURE CROSS-SECTIONS (PAGE 2 OF 5).

**73 TYPICAL BERM DESIGN**  
 A CROSS-SECTION OF A TYPICAL BERM DESIGN IS SHOWN ADJACENT TO THE EXISTING FEATURE CROSS-SECTIONS (PAGE 2 OF 5).

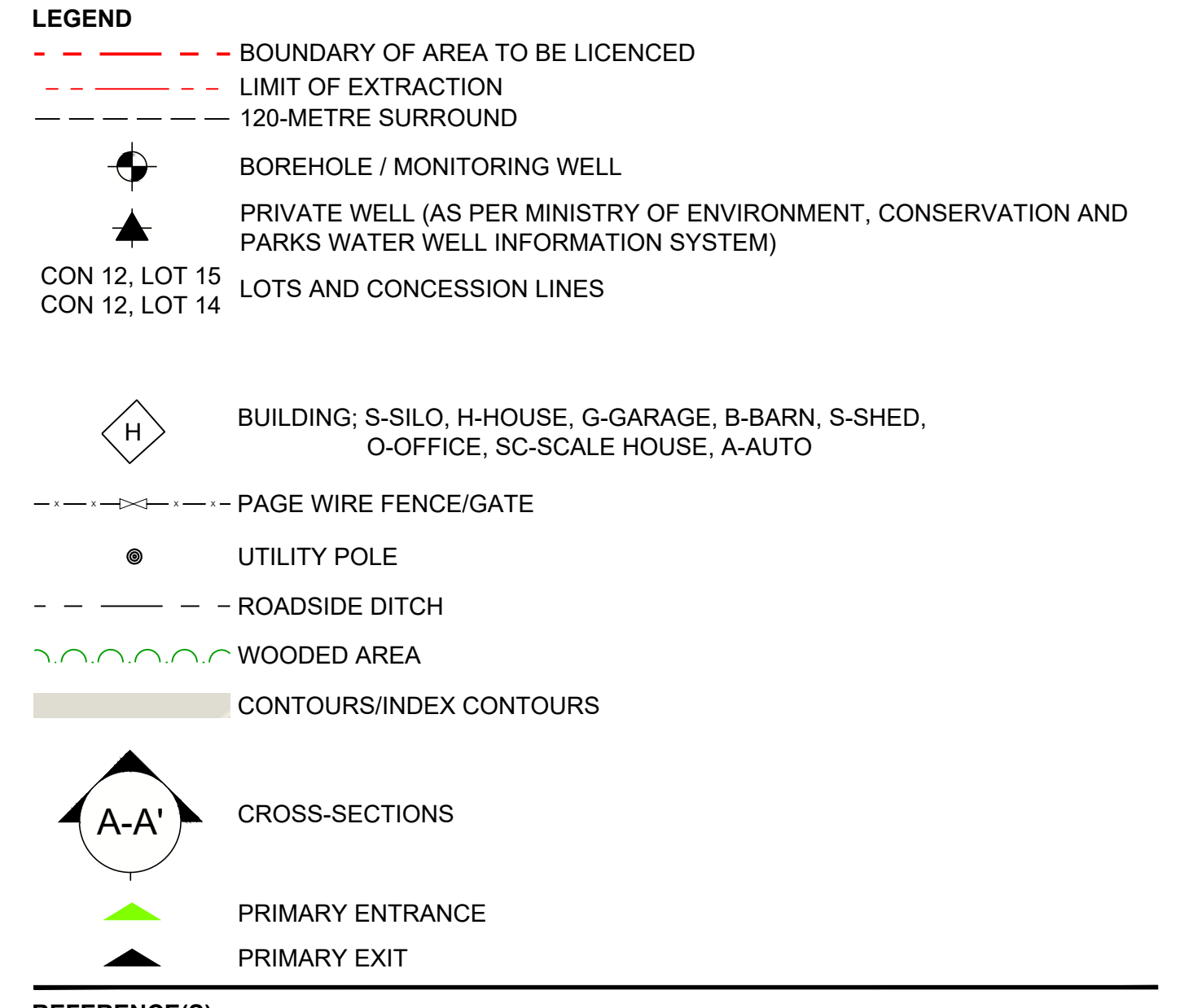


**WEST CARLETON QUARRY EXTENSION**  
 PART OF LOT 15, CONCESSION 11  
 FORMER GEOGRAPHIC TOWNSHIP OF HUNTLEY,  
 CITY OF OTTAWA

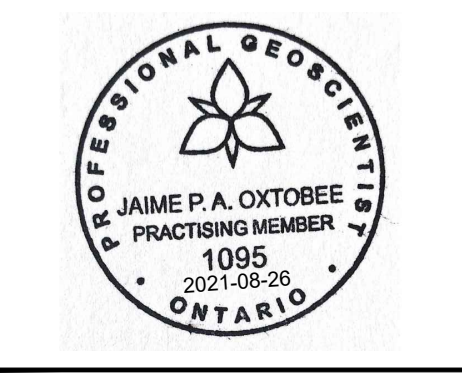
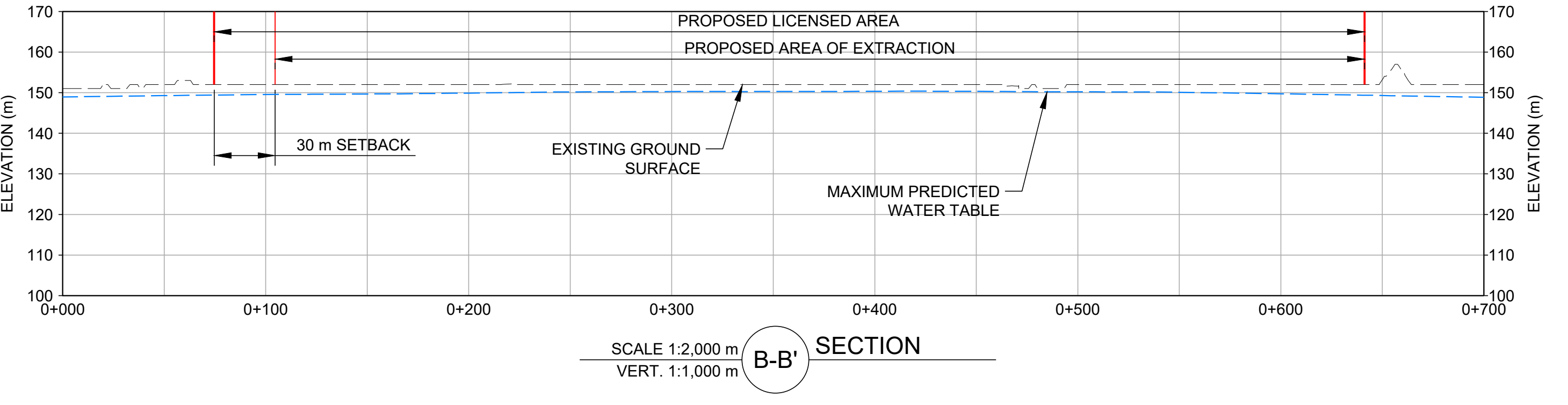
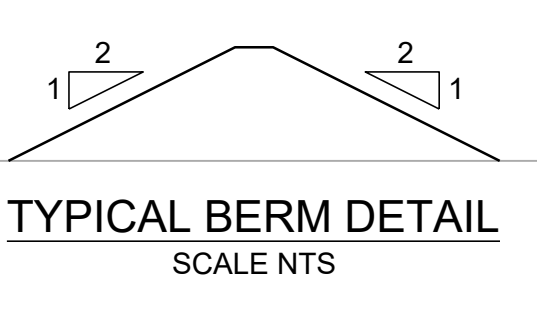
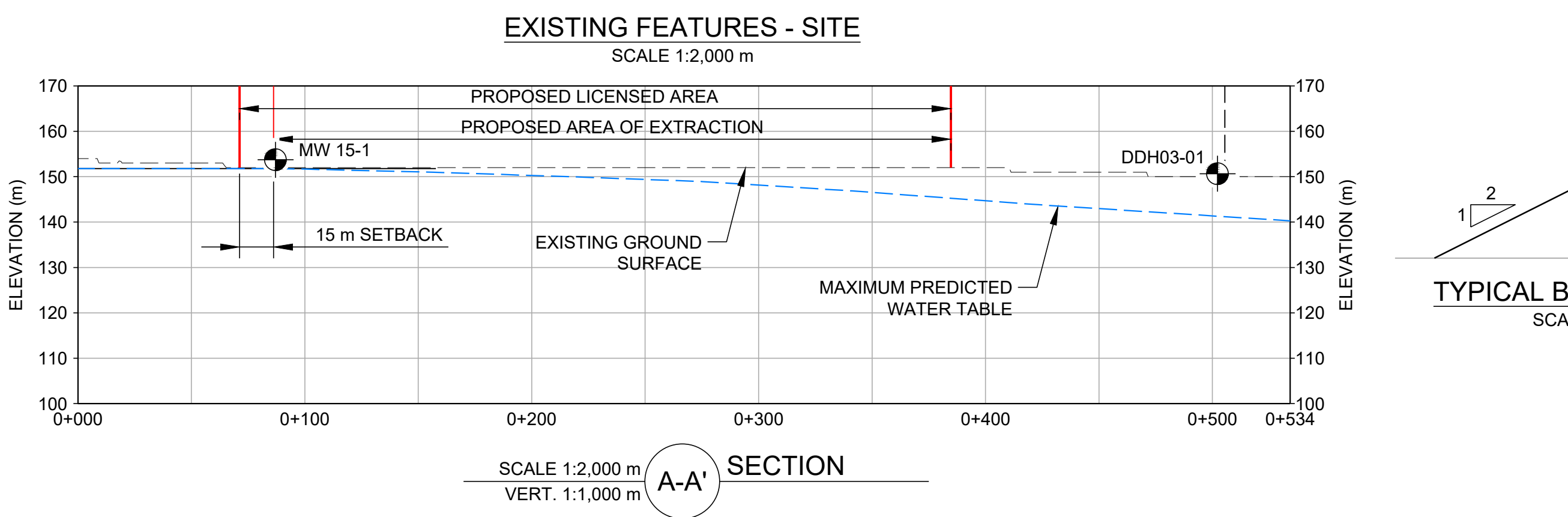
APPLICANT:  
 THOMAS CAVANAGH CONSTRUCTION LIMITED  
 9094 CAVANAGH ROAD  
 ASHTON, ONTARIO  
 K0A 1B0

QUARRY LICENSE NO. \_\_\_\_\_

- NOTE(S)**
- LICENSED AREA, WEST CARLETON QUARRY EXTENSION 18.2 HECTARES.
  - AREA OF OPERATION, WEST CARLETON QUARRY EXTENSION 16.5 HECTARES.
  - THIS SITE PLAN IS PREPARED FOR SUBMISSION TO THE MINISTRY OF NATURAL RESOURCES AND FORESTRY IN CONJUNCTION WITH AN APPLICATION FOR A CLASS 'A', CATEGORY 2 QUARRY BELOW WATER UNDER THE AGGREGATE RESOURCES ACT AND REGULATIONS.
  - THIS PLAN WAS PREPARED USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS.
  - LOT, CONCESSION AND BOUNDARY LINES ON THIS PLAN ARE APPROXIMATE.
  - THIS IS NOT A LEGAL SURVEY DRAWING IN ACCORDANCE WITH THE PROVINCE OF ONTARIO SURVEYORS ACT 1987. THIS DRAWING WAS PRODUCED USING STANDARD PHOTOGRAMMETRIC PRACTICES.



- REFERENCE(S)**
- KEY PLAN: Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community.
  - LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENSE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2016.
  - CITY OF OTTAWA 2012 TOPO LIDAR TILES.
  - MAPPING AND GROUND CONTROL FOR THE SITE PLAN COMES FROM LAND INFORMATION ONTARIO (LIO) DATA AVAILABLE FROM THE MINISTRY OF NATURAL RESOURCES AND FORESTRY, CITY OF OTTAWA 2012 TOPO LIDAR TILES AND A GROUND SURVEY CONDUCTED BY CAVANAGH IN NOVEMBER 2019.
  - PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28.



SIGNATURE OF APPLICANT/LICENSEE: *[Signature]* DATE: 2021-08-26

PREPARED UNDER THE DIRECTION OF: *[Signature]* DATE: 2021-08-26

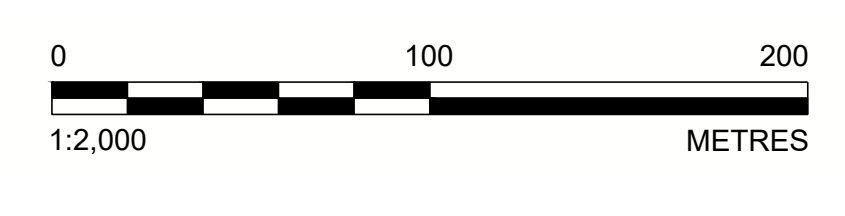
JAIME P. A. OXTOBEE  
 PRACTISING MEMBER  
 1095  
 2021-19-26  
 ONTARIO

**THOMAS CAVANAGH CONSTRUCTION LIMITED**

AMENDMENTS	DATE	APPROVAL DATE

SITE PLANS APPROVED BY THE MINISTRY OF NATURAL RESOURCES AND FORESTRY.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



CLIENT  
 THOMAS CAVANAGH CONSTRUCTION LIMITED

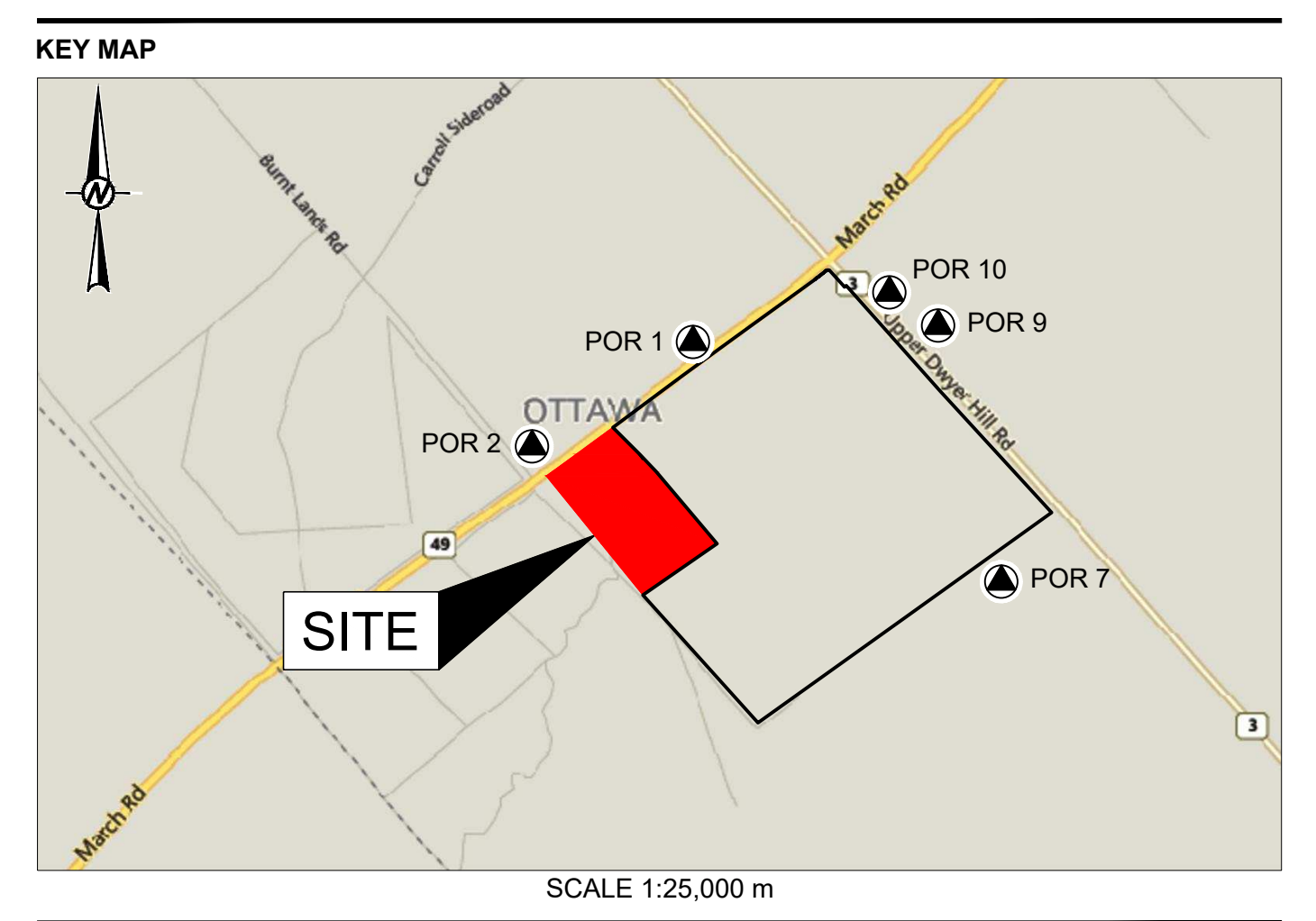
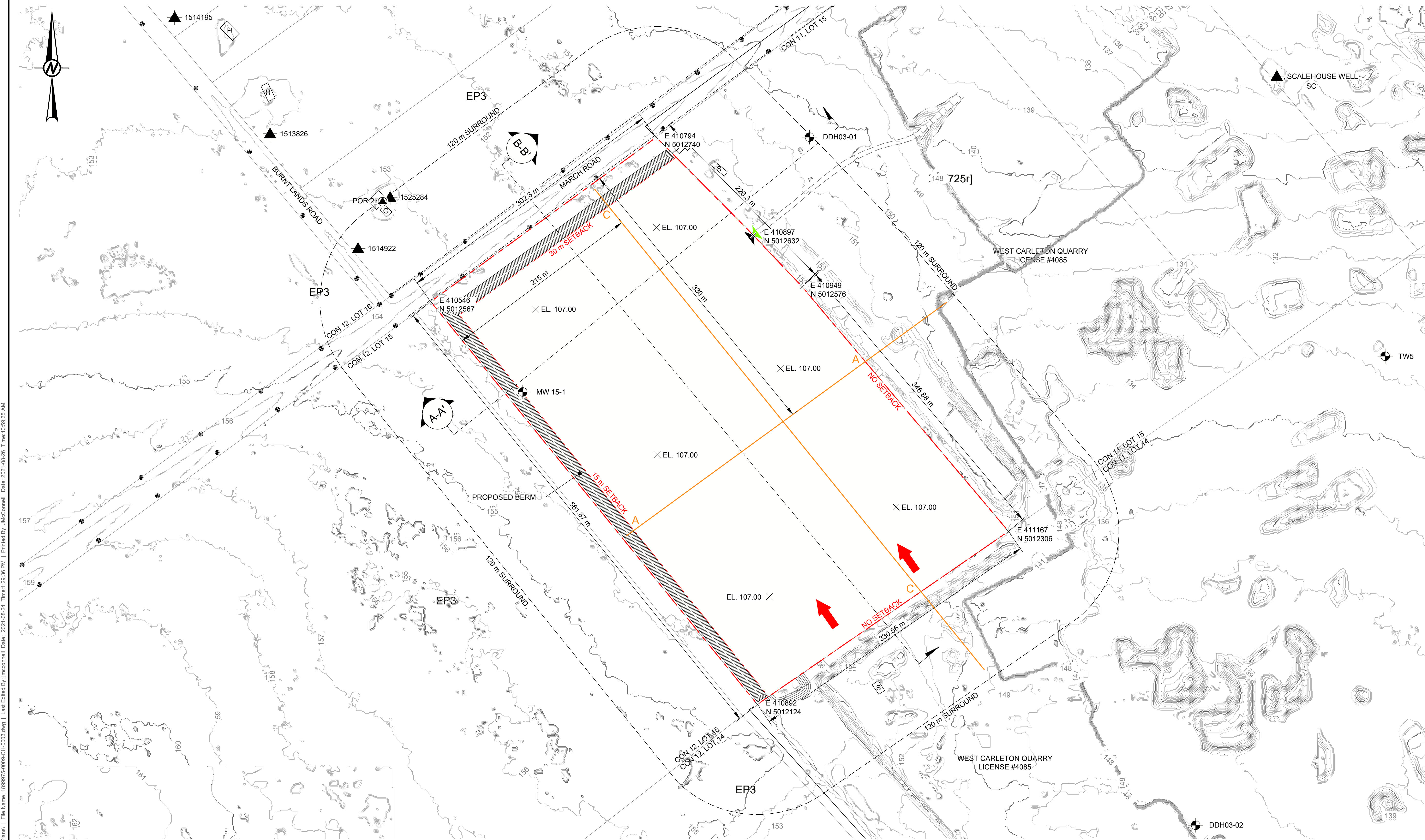
PROJECT  
 WEST CARLETON QUARRY EXTENSION

TITLE  
 EXISTING FEATURES - SITE

APPLICANT	YYYY-MM-DD	2021-02-17
DESIGNED	----	----
PREPARED	JM	----
REVIEWED	JPAO	----
APPROVED	KAM	----

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3.





**WEST CARLETON QUARRY EXTENSION**  
 PART OF LOT 15, CONCESSION 11  
 FORMER GEOGRAPHIC TOWNSHIP OF HUNTLEY,  
 CITY OF OTTAWA

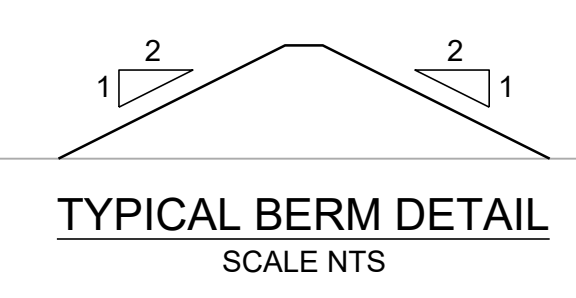
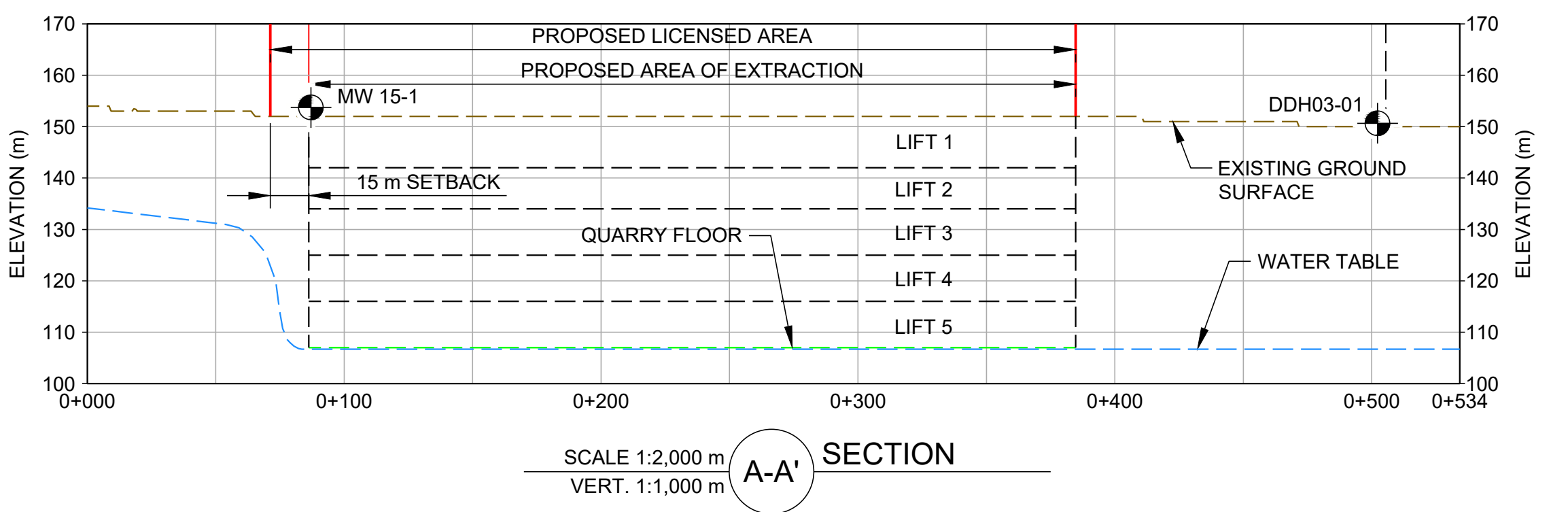
APPLICANT:  
 THOMAS CAVANAGH CONSTRUCTION LIMITED  
 9094 CAVANAGH ROAD  
 ASHTON, ONTARIO  
 K0A 1B0

QUARRY LICENSE NO. \_\_\_\_\_

- NOTE(S)**
- LICENCED AREA, WEST CARLETON QUARRY EXTENSION 18.2 HECTARES.
  - AREA OF OPERATION, WEST CARLETON QUARRY EXTENSION 16.5 HECTARES.
  - THIS SITE PLAN IS PREPARED FOR SUBMISSION TO THE MINISTRY OF NATURAL RESOURCES AND FORESTRY IN CONJUNCTION WITH AN APPLICATION FOR A CLASS 'A', CATEGORY 2 QUARRY BELOW WATER UNDER THE AGGREGATE RESOURCES ACT AND REGULATIONS.
  - THIS PLAN WAS PREPARED USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS.
  - LOT, CONCESSION AND BOUNDARY LINES ON THIS PLAN ARE APPROXIMATE.
  - THIS IS NOT A LEGAL SURVEY DRAWING IN ACCORDANCE WITH THE PROVINCE OF ONTARIO SURVEYORS ACT 1987. THIS DRAWING WAS PRODUCED USING STANDARD PHOTOGRAMMETRIC PRACTICES.

- LEGEND**
- BOUNDARY OF AREA TO BE LICENCED
  - LIMIT OF EXTRACTION
  - 120-METRE SURROUND
  - BOREHOLE / MONITORING WELL
  - PRIVATE WELL (AS PER MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS WATER WELL INFORMATION SYSTEM)
  - CON 12, LOT 15
  - CON 12, LOT 14
  - CON 12, LOT 15
  - CON 12, LOT 14
  - CON 12, LOT 15
  - CON 12, LOT 14
  - LOT AND CONCESSION LINES
  - BUILDING; S-SILO, H-HOUSE, G-GARAGE, B-BARN, S-SHED, O-OFFICE, SC-SCALE HOUSE, A-AUTO
  - PAGE WIRE FENCE/GATE
  - UTILITY POLE
  - ROADSIDE DITCH
  - WOODED AREA
  - 137
  - CONTOURS/INDEX CONTOURS
  - CROSS-SECTIONS
  - PRIMARY ENTRANCE
  - PRIMARY EXIT
  - GENERAL DIRECTION OF EXCAVATION FOR LIFTS 1 AND 2
  - EL. 107.00
  - PROPOSED QUARRY FLOOR SPOT ELEVATION, mASL
  - POINTS OF RECEPTION (PORs)

**OPERATIONS PLAN**  
 SCALE 1:2,000 m



SIGNATURE OF APPLICANT/LICENSEE: \_\_\_\_\_ DATE: 2021-08-26

PREPARED UNDER THE DIRECTION OF: \_\_\_\_\_ DATE: 2021-08-26

**THOMAS CAVANAGH CONSTRUCTION LIMITED**

AMENDMENTS	DATE	APPROVAL DATE

SITE PLANS APPROVED BY THE MINISTRY OF NATURAL RESOURCES AND FORESTRY.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**OPERATIONS PLAN - DRAWING (PAGE 3 OF 5)**

**OPERATIONS CROSS-SECTIONS**  
 NOTE: THE NUMBERS BELOW REFER TO AGGREGATE RESOURCES OF ONTARIO: SITE PLAN STANDARDS (AUGUST 2020)

**69 LOCATION OF CROSS-SECTIONS**  
 REFER TO DRAWING (THIS PLAN) FOR LOCATION OF OPERATIONS CROSS-SECTIONS.

**70 HORIZONTAL AND VERTICAL SCALES**  
 APPROPRIATE HORIZONTAL AND VERTICAL SCALES ARE MARKED ON THE CROSS-SECTIONS.

**71 OPERATIONS CROSS-SECTIONS**  
 TWO OPERATIONS CROSS-SECTIONS ARE PROVIDED ON THE OPERATIONS PLAN (PAGE 3 OF 5).

**72 PREDICTED WATER TABLE UNDER OPERATIONAL CONDITIONS**  
 DURING OPERATIONS, THE WATER TABLE WITHIN THE DEWATERED SITE AND THE ADJACENT WEST CARLETON QUARRY WILL BE SLIGHTLY BELOW THE QUARRY FLOOR. THE PREDICTED WATER TABLE DURING OPERATIONS IS SHOWN ON THE CROSS-SECTIONS ON THIS PLAN (PAGE 3 OF 5).

**73 TYPICAL BERM DESIGN**  
 A CROSS-SECTION OF A TYPICAL BERM DESIGN IS SHOWN ADJACENT TO THE OPERATIONS CROSS-SECTIONS (PAGE 3 OF 5).

ITEM/OPERATIONAL STANDARD	VARIATION TO OPERATIONAL STANDARDS	RATIONALE
SETBACKS/ 0.13 (1) 10	NO SETBACK ALONG THE EASTERN AND SOUTHERN EDGES OF THE SITE WHERE COMMON BOUNDARIES EXIST WITH THE ADJACENT QUARRY (LICENSE #4085)	REDUCTION OF SETBACK ALONG COMMON BOUNDARY TO ALLOW FOR CONTINUOUS EXTRACTION OF THE EXISTING QUARRY (LICENSE #4085) AND THIS LICENSE.
STOCKPILES OF AGGREGATE, TOPSOIL, OVERBURDEN AND PROCESSING PLANTS/0.13 (1) 13	STOCKPILES OF AGGREGATE, TOPSOIL AND OVERBURDEN AND PROCESSING PLANTS MAY BE LOCATED WITHIN 30 METRES OF THE COMMON BOUNDARY BETWEEN THE SITE AND THE EXISTING QUARRY (LICENSE #4085).	THIS WILL ALLOW FOR STOCKPILES AND PROCESSING WITHIN 30 m OF THE COMMON BOUNDARY AREAS.
TRANSFER OF MATERIAL/0.13 (1) 17 AND 0.13 (1) 18	TOPSOIL AND/OR OVERBURDEN AND/OR AGGREGATE MAY BE TRANSFERRED BETWEEN THIS LICENSE AND EXISTING LICENSE #4085.	THIS WILL ALLOW STRIPPED MATERIAL FROM SITE PREPARATION TO BE USED FOR BERM CONSTRUCTION AND/OR PROGRESSIVE REHABILITATION.
FENCING/ 0.13 (3) (e)	NO FENCING ALONG THE EASTERN AND SOUTHERN BOUNDARIES OF THE SITE WHERE COMMON BOUNDARIES EXIST WITH THE ADJACENT QUARRY LICENSE #4085. NO FENCING ALONG THE WESTERN SITE BOUNDARY WHERE THERE IS AN EXISTING BERM.	FENCING ALONG THE COMMON BOUNDARY WOULD INTERFERE IN THE OPERATION OF THE SITE. THE BERM CURRENTLY PRESENT ALONG THE WESTERN BOUNDARY IS HIGH ENOUGH TO IMPEDE ACCESS TO THE SITE.

- REFERENCE(S)**
- KEY PLAN: Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community.
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  - PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28.

CLIENT: THOMAS CAVANAGH CONSTRUCTION LIMITED

PROJECT: WEST CARLETON QUARRY EXTENSION

TITLE: OPERATIONS PLAN

APPLICANT: THOMAS CAVANAGH CONSTRUCTION LIMITED

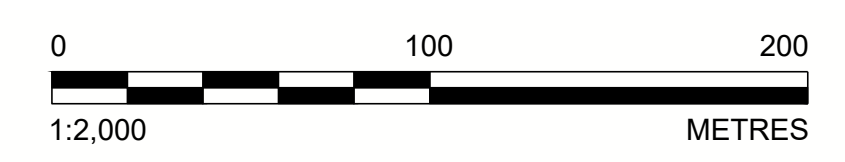
DESIGNED: JPAO

PREPARED: JM

REVIEWED: JPAO

APPROVED: KAM

PROJECT NO. 1899975 CONTROL 0009 REV. 0 FIGURE 3 OF 5



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 File Name: 1899975-000-CH-0003-App\_1\_Last Edited By: jproccorell Date: 2021-08-26 Time: 10:39:35 AM







