

PIT 3 EXTENSION

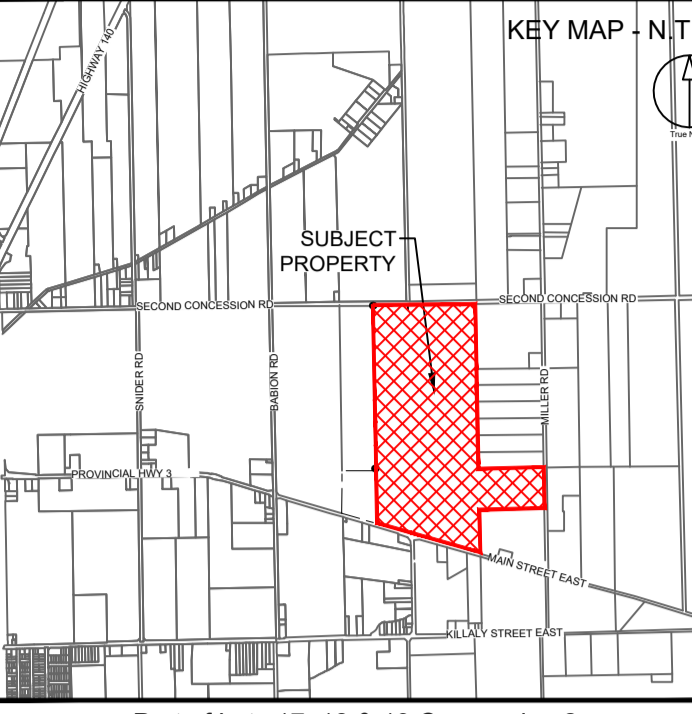
OPERATIONAL PLAN

SHEET 3 OF 10



APPLICANT
PORT COLBORNE QUARRIES INC.
222 MARTINDALE ROAD, P.O. BOX 1116
ST. CATHERINES, ON, L2R 7A3

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Part of Lots 17, 18 & 19 Concession 2 and P.P. 204-18702 Part of Road Allowance between Lot 18 & 19 Concession 2, in former Township of Humberstone, the City of Port Colborne, Region of Niagara

LEGEND	
	LOT & CONCESSION
	LICENSED BOUNDARY
	LIMIT OF EXTRACTION
	1.2m HIGH POST & WIRE FENCE
	TREE PROTECTION FENCING
	MUNICIPAL DRAIN
	LOCATION OF CROSS-SECTION (SEE SHEETS 7 OF 9 & 8 OF 8)
	MONITORING WELL - EXISTING
	MONITORING WELL - TO BE DRILLED PRIOR TO QUARRYING
	MINI-PIEZOMETERS (SURFACEWATER MONITORING POINTS)
	ARCHAEOLOGICAL SURFACE FIND - INDIVIDUAL
	ARCHAEOLOGICAL SURFACE FIND - GROUPING
	70m BUFFER & FENCING FROM ARCHAEOLOGICAL FIND SPOTS (SEE ARCH. NOTE 2)
	INCREASED BLASTING MONITORING ZONE (300m FROM DWELLINGS)
	EXISTING ACCESS
	PROPOSED ACCESS
	EXISTING TREE LINE
	EXISTING BUILDING / STRUCTURE - OFF-SITE
	EXISTING BUILDING / STRUCTURE - ON-SITE
	PHASING BOUNDARY
	PHASING SEQUENCE
	INTERNAL HAUL ROUTE
	DIRECTION OF EXTRACTION
	EXISTING ELEVATION NUMBER OF LIFTS FINAL EXTRACTED ELEVATION
	MINIMUM 2x 0.6m CULVERT UNDER BERM
	STEEL ENTRANCE GATE
	VEGETATION PLANTING
	QUARRY SURFACE WATER DISCHARGE LOCATION INTO THE WIGNELL DRAIN
	SIGNIFICANT WETLAND AREA
	PROVINCIALY SIGNIFICANT WETLAND

REFER TO SHEET 4 OF 10 FOR OPERATIONAL NOTES AND TO SHEET 5 OF 10 FOR ADDITIONAL OPERATIONAL NOTES. WOODLOT DRIPLINE ESTABLISHED BY NPCA STAFF ON MAY 19, 2020.

SITE PLAN AMENDMENTS			
#	DATE	BY	DESCRIPTION

REVISIONS PRIOR TO APPROVAL		
1	2021.02.09	AS PER MNR PRELIMINARY REVIEW COMMENTS
2	2021.11.15	REVISED LICENSED LIMIT & JURY COMMENTS
3	2022.12.15	REVISED FOR 2nd JURY SUBMISSION
4	2023.01.10	EXTRACTION AREAS RELYING ON WIGNELL DRAIN REALIGNMENT APPROVALS
5	2023.02.03	INCREASE PSW BUFFER / ADD PSW PERIMETER BERM
6	2023.04.06	REVISED PSW BUFFER / ADD PSW PERIMETER BERM
7	2023.04.27	REVISED FOLLOWING REGIONAL COMMENTS
8	2023.07.31	REVISED RE COMMENTS FROM MNR JUNE 19, 2023 & JURY JUNE 17, 2023
9	2023.09.11	ADDED 18 PARCEL AREA TO EXCLUDE

SITE DATA	
AREA TO BE LICENSED	± 100.2 ha
AREA TO BE EXTRACTED	± 68.7 ha
EX. DISTURBED AREA	NIL
TOTAL LAND PARCEL	± 100.2 ha

THESE SITE PLANS HAVE PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS LICENSE, CATEGORY 2. THEY HAVE BEEN PREPARED BY THE ENGINEER PREPARED BY THE AUTHORITY OF MINISTRIAL APPROVAL AS SPECIFIED IN THE AREA SECTION 8 (4).
DATE: July 31, 2023



PORT COLBORNE QUARRIES INC. PIT 3 EXTENSION

SCALE: 1:2,500	
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PROJECT NO: 115774	CHECKED BY: D.R.S.
DRAWN BY: D.R.S.	APPROVED BY: D.R.S.

SHEET TITLE
OPERATIONAL PLAN

SHEET NUMBER
3 of 10

