

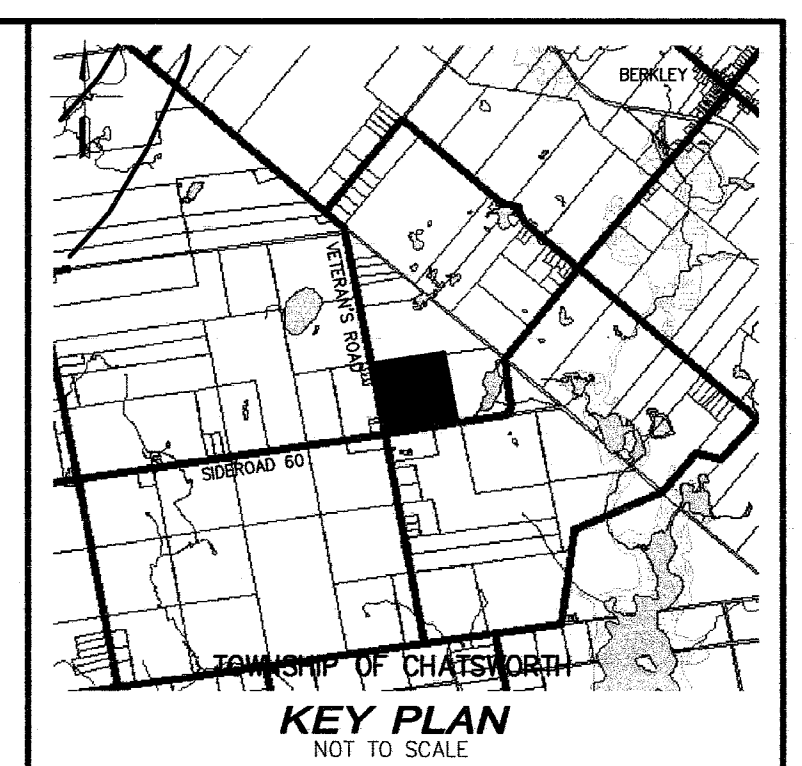
- LEGEND**

The legend consists of two columns. The left column contains symbols: a line with cross-ticks, a dashed line, a solid line, a line with short dashes, a well symbol with labels 'TH/BH' and 'MW' and 'x 210.40', a rectangular box with '400.00', a wavy line with labels 'AI, RUI' and 'AGRICULTURAL, RURAL', and a circle with a crosshair. The right column contains the corresponding text descriptions for each symbol.

	EXISTING FENCE LINE
	120m BOUNDARY LIMIT
	BOUNDARY OF AREA TO BE LICENCED
	LIMIT OF EXTRACTION
	BOTTOM OF SLOPE
	TESTHOLE OR BOREHOLE LOCATION
	MONITORING WELL LOCATION
	EXISTING SPOT ELEVATION
	PROPOSED REHABILITATION ELEVATION
	LIMIT OF TREE COVER
	CURRENT ZONING
	CURRENT LAND USE
	DIRECTION OF EXISTING SURFACE WATER FLOW
	PRIVATE SUPPLY WELL (APPROXIMATE LOCATION)

NOTES

1. Progressive rehabilitation shall commence as soon as extraction reaches the west limit of Phase 1. Rehabilitation operations shall proceed from east to west. Once rehabilitation in Phase 2 shall follow the extraction operations. However, an area near the west limit of Phase 1 may be used for stockpiling and stockpiling of material. Rehabilitation in that area shall be completed when the pit has been depleted.
2. All topsoil and overburden stripped during on-site operations shall be placed in stockpiles on-site and used in the rehabilitation on the site.
3. Waste stone or imported fill shall be used to grade slopes in the rehabilitation of the site.
4. Clean inert fill may be imported to facilitate the establishment of 3:1 (hor:vert) slopes on the pit faces. The licensee must ensure that the material is tested at the source, before it is stockpiled on site, and ensure that the material meets the MOE criteria under Table 1 of the MOE's Soils, Groundwater and Sediment Standards for use under Part XVI of the *Environmental Protection Act*. Sampling results will be provided to the MNR upon request.
5. Notwithstanding Note 4, where the imported material is not being placed within 1.5 metres of the surface, the criteria under Table 1 for sodium absorption ratio and electrical conductivity do not have to be met.
6. Topsoil and overburden shall be spread over the pit floor to a depth of 0.9 metres and completed slopes within the extraction limits, graded and tilled to alleviate compaction.
7. All preexisting buildings within the licensed area are to remain. All buildings and scales associated with pit operations shall be removed.
8. Internal haul roads shall be removed.
9. Surface water drainage will be by percolation or evaporation.
10. The ambient groundwater table elevation is not anticipated to be altered due to operations. The "high" groundwater elevation descends from 400.0 metres in the westerly portion of the site to 398.0 metres in the easterly portion of the site, as recorded May, 2013.
11. The site shall be restored Agricultural land use with capability to grow crops including soybean, canola, wheat, corn and alfalfa.




NOTES :

APPLICANT:

PEARL & BRIAN BUMSTEAD
584015 - 60 SIDEROAD
RR 2 HOLLAND CENTRE, ONTARIO
N0H 1R0

Pearl Bunsled
APPLICANT'S SIGNATURE


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DATE November 11, 2013

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



1	NOV 8/13	PER MNR COMMENTS DATED OCT 23/13	M.D.N.
NO.	DATE	REVISION DESCRIPTION	CH'KD



Gamsby and Mannerow
E N G I N E E R S

BUMSTEAD PIT

PART LOT 27, CONCESSION 7

FORMER TOWNSHIP OF HOLLAND

TOWNSHIP OF CHATSWORTH

COUNTY OF GREY

DRAWN BY : E.J.T.	APPROVED BY : M.D.N.	PROJECT NO. : 210099	DRAWING NO. : 3/4
DESIGNED BY : M.D.N.	DATE : SEP 9/13	SCALE : 1:1,500	