

LEGEND


- LICENCE BOUNDARY
- 120m SETBACK FROM LICENCE BOUNDARY
- PROPERTY OWNED BY APPLICANT
- PROPERTY LINE
- LOT/CONCESSION LINE
- 495 EXISTING CONTOURS (m AMSL)
- x 495.0 SPOT ELEVATION (m AMSL)
- - - EXISTING FENCE (POST & WIRE)
- EXISTING TREE LINE
- TREE
- ACCESS ROAD
- WETLAND LIMITS (FROM NETR, SAAR 2021)
- POND FEATURE
- WATERCOURSE
- DIRECTION OF SURFACE DRAINAGE
- STRUCTURE
- SITE ENTRANCE/EXIT
- GRAVEL STOCKPILE
- EXCAVATION FACE
- MONITORING WELL
- SURFACE WATER STAFF GAUGE
- CROSS-SECTION LOCATION
- EARTH SCIENCE ANSI
- LIMIT OF EXTRACTION
- UTM EASTING AND NORTHING COORDINATES

- NOTES**
- ALL MEASUREMENTS SHOWN ON THIS PLAN ARE IN METRES. ALL ELEVATIONS ARE REFERENCED TO GEODETIC DATUM (METRES ABOVE MEAN SEA LEVEL) AND WERE BASED ON A SITE SURVEY USING THE LEICA GEOSYSTEMS REFERENCE NETWORK. THE LOCATION OF A TEMPORARY BENCHMARK (TBM) ESTABLISHED AT THE TIME OF THE SURVEY IS SHOWN ON THE PLAN.
 - THE AREA TO BE LICENSED IS 13.38 HECTARES, THE AREA OF THE PROPERTY OWNED BY THE APPLICANT IS 41.09 HECTARES. THE PROPOSED EXTRACTION AREA IS 5.77 HECTARES.
 - PROPERTY BOUNDARY INTERPRETATION WAS BASED ON TWO REFERENCE MONUMENTS FOR LOT 31, CONCESSION 3 ESTABLISHED BY LEGAL SURVEY IN NOVEMBER 2020 AND ON GREY COUNTY PARCEL MAPPING.
 - EXISTING ZONING INFORMATION WAS BASED ON THE TOWNSHIP OF SOUTHGATE OFFICIAL PLAN AS SHOWN ON GREY COUNTY MAPS.
 - THE AREA TO BE LICENSED CONTAINS LANDS CURRENTLY ZONED AGRICULTURAL, ENVIRONMENTAL PROTECTION, AND WETLAND PROTECTION.
 - CURRENT ON-SITE AND SURROUNDING LAND USE WAS INTERPRETED FROM RECENT AERIAL IMAGERY (2015, 2019) AND OBSERVATIONS DURING SITE VISITS IN 2020 AND 2021 BY GSS ENGINEERING CONSULTANTS LTD.
 - A WAYSIDE PIT WAS FORMERLY OPERATED IN THE SOUTH PORTION OF THE AREA TO BE LICENSED. SAND AND GRAVEL WAS EXPOSED IN THE FORMER EXCAVATION FACE AT THE NORTH SIDE OF THE FORMER WAYSIDE PIT.
 - NO WATER SUPPLY WELLS WERE IDENTIFIED ON OR WITHIN 120 m OF THE SITE.
 - THE SITE IS NOT LOCATED IN AN AREA SUBJECT TO SOURCE WATER PROTECTION POLICIES.
 - THE IDENTIFIED HIGH WATER TABLE IN THE AREA FOR EXCAVATION RANGED FROM 492.2 TO 490.1 m, BASED ON A 2021 HYDROGEOLOGICAL REPORT BY GSS ENGINEERING CONSULTANTS LTD.
 - CROSS-SECTIONS A-A' AND B-B' ARE SHOWN ON DRAWING 3.

DD/MM/YY	DESCRIPTION
	AMENDMENT

THIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS 'A' LICENCE FOR A PIT ABOVE THE GROUNDWATER TABLE.

THIS PLAN WAS PREPARED UNDER THE DIRECTION OF A QUALIFIED PERSON AS PER SECTION 0.2(3) OF OREG. 466/20 UNDER THE AGGREGATE RESOURCES ACT.


 M. R. SLAUGHTER
 P. Eng.
 FEB. 18, 2022
 ROSS SLAUGHTER, P. ENG. DATE


 Unit 104D 1010 9th Avenue West, Owen Sound, ON, N4K 5R7
 Telephone: (519) 372-4828

Title:
 EXISTING FEATURES
 DRAWING 1 OF 3
 HOGS BACK PIT
 PART OF LOT 31, CONCESSION 3
 GEOGRAPHIC TOWNSHIP OF PROTON
 TOWNSHIP OF SOUTHGATE
 COUNTY OF GREY

Applicant:
 H. BYE CONSTRUCTION LTD.
 395 CHURCH STREET
 MOUNT FOREST, ON N0G 2L2

 RANDY BYE, PRESIDENT DATE
 FEB. 24, 2022

Design:	WBB	Scale:	1:2000
Drawn:	TDL		
Reviewed:	MRS		
Date:	FEB. 2022		

Reference No. 19-047-01

- REFERENCES**
- ELEVATIONS WERE BASED ON A GPS TOPOGRAPHICAL SITE SURVEY BY SMC GEOMATICS INC. ON NOVEMBER 17, 2020.
 - LOCATIONS OF PROPERTY BARS AND RELATED REFERENCE POINTS WERE BASED ON INFORMATION FROM A LEGAL SURVEY BY WILSON-FORD SURVEYING & ENGINEERING IN NOVEMBER 2020.
 - CONTOURS FOR THE SITE WERE INTERPRETED FROM ELEVATIONS DETERMINED FROM THE SITE SURVEY ON NOV. 17, 2020. BEYOND THE LIMITS OF THE SITE SURVEY, CONTOURS WERE INTERPRETED FROM 0.5-METRE CONTOUR MAPPING GENERATED BY THE SAUGEN VALLEY AND GRAND RIVER CONSERVATION AUTHORITIES AND TOPOGRAPHIC MAPPING PUBLISHED BY THE MINISTRY OF NATURAL RESOURCES (1:10,000, 2002).
 - LOCATIONS OF EXISTING FENCES WERE IDENTIFIED FROM THE SURVEYS BY SMC GEOMATICS INC. AND WILSON-FORD SURVEYING & ENGINEERING.
 - THE LOCATIONS OF TREE LINES WERE INTERPRETED FROM THE NOV. 17, 2020 TOPOGRAPHIC SURVEY. BEYOND THE LIMITS OF THE SITE SURVEY, TREE LINES WERE INTERPRETED FROM AERIAL IMAGERY SHOWN ON GREY COUNTY MAPS (2015) AND GOOGLE EARTH (2019).
 - GROUNDWATER AND SURFACE WATER ELEVATIONS WERE OBTAINED FROM A HYDROGEOLOGICAL ASSESSMENT REPORT PREPARED BY GSS ENGINEERING CONSULTANTS LTD., DATED DECEMBER 2021.
 - LIMITS OF WETLANDS WERE OBTAINED FROM A NATURAL ENVIRONMENT TECHNICAL REPORT PREPARED BY SAAR ENVIRONMENTAL LIMITED, DATED DECEMBER 2021.
 - THE LIMITS OF THE EARTH SCIENCE AREA OF NATURAL AND SCIENTIFIC INTEREST (ES-ANSI) WERE OBTAINED FROM MINISTRY OF NATURAL RESOURCES AND FORESTRY NATURAL HERITAGE MAPPING.