

- 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.
- 2020. CONTIONS FOR THE SITE WERE INTERPRETED FROM ELEVATIONS DETERMINED FROM THE SITE SURVEY ON NOV. 17. 2020. BEYOND THE LIMITS OF THE SITE SURVEY, FOOTHOURS WERE INTERPRETED FROM 0.5-METRE CONTOUR MAPPING GENERATED BY THE SAUGED VALLEY AND GRAND RIVER CONSERVATION AUTHORITIES AND TOPOGRAPHIC MAPPING PUBLISHED BY THE MINISTRY OF NATURAL RESOURCES (1:0.000, 2015).
- LOCATIONS OF EXISTING FENCES WERE IDENTIFIED FROM THE SURVEYS BY SMC GEOMATICS INC. AND WILSON-FORD SURVEYING & ENGINEERING.
- SURVEYING & ENGINEERING.

 THE LOCATIONS OF TREE LINES WERE INTERPRETED FROM THE MOV. 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 OSS. ENGINEERING CONSULTANTS LID., DATED DECEMBER 2021.

 LIMITS OF WEILANDS WERE OBTAINED FROM A NATURAL ENVIRONMENTAL LIMITED, DATED DECEMBER 2021.

 THE LIMITS OF THE EARTH SCENCE AERO OF NATURAL AND SCIENIFIC INTEREST (ES-ANSI) WERE OBTAINED FROM MINISTRY OF NATURAL RESOURCES AND FORESTRY NATURAL HERITAGE MAPPING.



LICENCE BOUNDARY 120m SETBACK FROM LICENCE BOUNDARY PROPERTY OWNED BY APPLICANT

PROPERTY LINE LOT/CONCESSION LINE × 495.0

EXISTING CONTOURS (m AMSL)
SPOT ELEVATION (m AMSL)
EXISTING FENCE (POST & WIRE)
EXISTING TREE LINE
TREE

ACCESS ROAD WETLAND LIMITS (FROM NETR, SAAR 2021) \otimes POND FEATURE WATERCOURSE

DIRECTION OF SURFACE DRAINAGE STRUCTURE
SITE ENTRANCE/EXIT ++ GRAVEL STOCKPILE

EXCAVATION FACE MONITORING WELL SURFACE WATER STAFF GAUGE CROSS-SECTION LOCATION î_

544996E 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 OAD
 SITE SURVEY USING THE LEICA GEOSYSTEMS REFERENCE
 NETWORK. THE LOCATION OF A TEMPORARY BENCHMARK (TIEW)
 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.
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 THE STOROGORY ON THE APPLICANT IS 41.09 HECTARES.
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 THE STABLISHED BY LECAL SURVEY IN NOVEMBER 2020 AND ON
 GREY COUNTY PARCEL MAPPING.
 EXSTING ZONNING INFORMATION WAS BASED ON THE TOWNSHIP

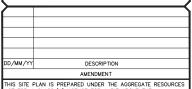
- OF SOUTHORIE OFFICIAL PLANT AS SHOWN ON GRET COUNTY MAPS.

 THE AREA TO BE LICENSED CONTAINS LANDS CURRENITLY ZONED AGRICULTURAL, ENVIRONMENTAL PROTECTION, AND WETLAND PROTECTION.

 USER AND PROTECTION.

 CURRENT ON-SITE AND SURROUNDING LAND USE WAS INTERPRETED FROM RECENT AERIAL IMAGERY (2015, 2019) AND OSSERVATIONS DURING SITE WASTS 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.
- 11. CROSS-SECTIONS A-A' AND B-B' ARE SHOWN ON DRAWING 3.



HIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES CT FOR A CLASS 'A' LICENCE FOR A PIT ABOVE THE ROUNDWATER TABLE.



FEB. 18, 2022 ROSS SLAUGHTER, P.ENG. DATE



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

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

H. BYE CONSTRUCTION LTD. 395 CHURCH STREET MOUNT FOREST, ON NOG 2L2

Lan Ack FEB. 24, 2022 RANDY BYE, PRESIDENT esign: WBB Scale: 1: 2000 TDL MRS 0 50 100 Me