THIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS "A" LICENCE, CATEGORIES 1 AND 2, AGGREGATE RESOURCES ACT (LICENCE No. 3260)

WHITEROCK PIT/QUARRY - AGGREGATE LICENCE #3260
LICENSED TO: BEDARD SAND & GRAVEL LIMITED
1086 THE GLEN ROAD,
WOODVILLE ONTARIO, K0M 2T0

PART OF LOT 10
CONCESSION 12
GEOGRAPHIC TOWNSHIP OF MARIPOSA
CITY OF KAWARTHA LAKES

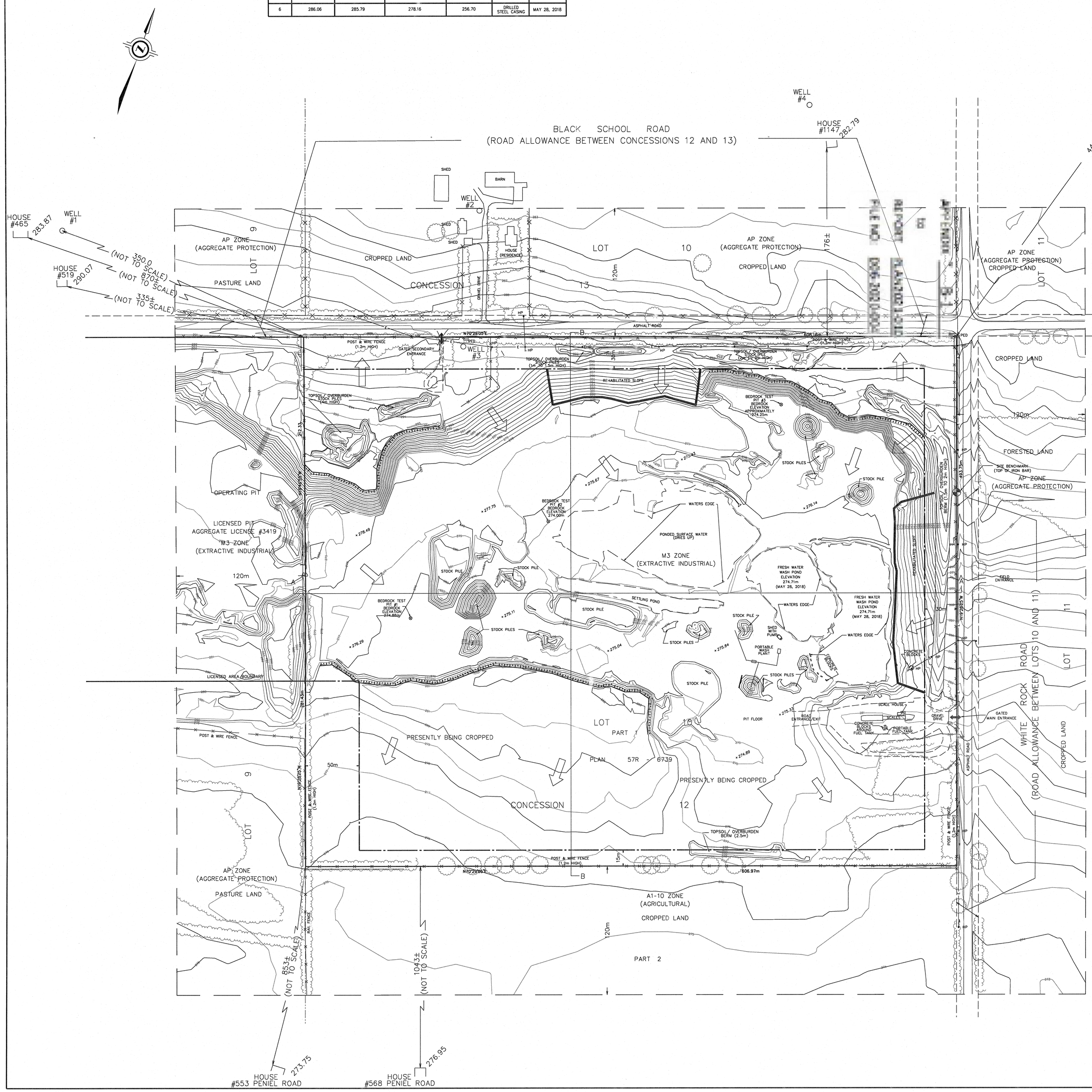
SCALE 1 : 1250

25 0 25 50 75 metres

METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

WELL DATA

No.	TOP OF WELL	GROUND ELEVATION	STATIC WATER ELEVATION	BOTTOM OF WELL	DESCRIPTION	DATE
1	267.94	288.00	279.21	277.52	DUG CONCRETE TILE	MAY 28, 2018
2	282.65	282.49	275.62	273.48	DUG 1.1 DIA. CONCRETE TILE	MAY 28, 2018
3	290.76	290.27	274.81	271.32	DRILLED STEEL CASING	MAY 28, 2018
4	282.37	281.97	280.06	272.89	DRILLED STEEL CASING	MAY 28, 2018
5	285.69	285.42	277.43	264.29	DRILLED STEEL CASING	MAY 28, 2018
6	286.06	285.79	278.16	256.70	DRILLED STEEL CASING	MAY 28, 2018

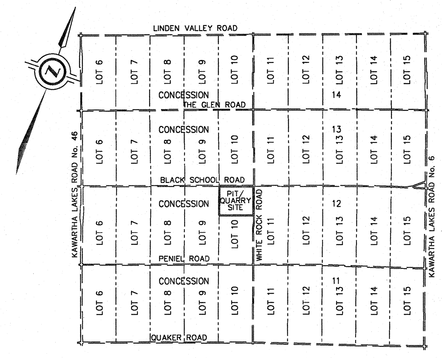


LEGEND

- BOUNDARY OF LICENSED AREA
- LOT LINE
- LIMIT OF ROAD ALLOWANCE
- LIMIT OF EXTRACTION
- LIMIT OF 120m INFORMATION ZONE
- OVERHEAD HYDRO WIRES
- TELEPHONE PEDESTAL — PED
- HYDRO POLE — HP
- ENTRANCE/EXIT
- FENCE
- CONTOUR LINE — 283
- GENERAL DIRECTION OF SURFACE DRAINAGE
- SITE BENCHMARK
- TEST PIT LOCATION
- BUSH - MIXED DECIDUOUS AND CONIFEROUS
- GROUND ELEVATION — +275.84
- CURRENT EXTRACTIVE PIT FACE
- LIMIT OF REHABILITATED SLOPE
- CROSS - SECTION — A
- WELL LOCATION

NOTES

1. LICENSED AREA – 30.0 HECTARES.
   EXISTING DISTURBED AREA (AS OF MARCH 28, 2018) – 14.8 HECTARES.
2. THIS SITE IS PRESENTLY LICENSED FOR A CLASS "A" PIT (CATEGORY 1 & 3 ABOVE & BELOW WATER TABLE EXTRACTION) UNDER THE AGGREGATE RESOURCES ACT (AGGREGATE LICENCE #3260). THE EXISTING FEATURES ON THIS SITE PLAN ARE INDICATIVE OF FIELD WORK UNDERTAKEN BY COE FISHER CAMERON, ONTARIO LAND SURVEYORS, J.D. BARNES LIMITED (MARCH 8 TO MAY 28, 2018). BEARINGS ON THE PLAN ARE UTM GRID DERIVED BY GPS OBSERVATIONS UTM ZONE 17, NAD83(CSRS)(2010.0)
3. CONTOUR INTERVAL: 1.0 METERS. ELEVATIONS GEODETIC, RELATED TO SEA LEVEL BASED ON COVD-1928:1978 DATUM
   ELEVATION CONTOURS ARE DERIVED FROM GPS OBSERVATIONS AND ARE REFERRED TO A SITE BENCH MARK BEING BEING AN IRON BAR LOCATED ON THE EASERLY BOUNDARY HAVING AN ELEVATION OF 295.00MASL.
4. THE EXISTING LICENSED PROPERTY IS ZONED INDUSTRIAL EXTRACTIVE (M3) BY THE TOWNSHIP OF MARIPOSA BY-LAW NO. 94-07. EXISTING ZONING ON THE LICENSED PROPERTY AND ALL LAND WITHIN 120 METERS OF THE LICENSED PROPERTY IS IDENTIFIED ON THIS SITE PLAN. THE LICENSED AREA IS DESIGNATED PITS AND QUARRIES ON THE COUNTY OF VICTORIA (NOW CITY OF KAWARTHA LAKES) OFFICIAL PLAN.
5. BASED ON A HYDROGEOLOGICAL REPORT PREPARED BY ALPHA ENVIRONMENTAL SERVICES INC. DATED NOVEMBER 30, 2018 IT HAS BEEN DETERMINED THAT THE ELEVATION OF THE WATER TABLE IS AT 274.71 METERS.
6. EXISTING SURFACE WATER DRAINAGE IS PRIMARILY FROM NORTH TO SOUTH ACROSS THE LICENSED PROPERTY. ACCUMULATED SURFACE WATER ON THE PIT FLOOR PERCOLATES INTO THE PIT FLOOR. THE PIT FLOOR SURFACE WATER RUNOFF ALSO COLLECTS IN SURFACE PONDED AREAS ABOVE BEDROCK (SEASONALLY INUNDATED) AND IN THE EXISTING WASH POND / SILT POND ON SITE. ALONG THE NORTH END OF THE LICENSED PROPERTY SURFACE DRAINAGE IS NORTHWARD. ON THE FACE OF THIS SITE PLAN SURFACE WATER DRAINAGE CAN BE DETERMINED FROM THE ESTABLISHED CONTOURS AND FROM SURFACE WATER DRAINAGE ARROWS.
7. EXISTING LAND USE DESCRIPTION ON THE LICENSED AREA PROPERTY:
   - 14.8 HECTARES OF LAND ARE DISTURBED BY EXISTING PIT OPERATIONS (49.3%)
   - 9.7 HECTARES OF LAND ARE CROPPED FARMLAND (32.3%)
   - 1.0 HECTARES ARE REHABILITATED – SLOPED 3:1 & VEGETATED (3.3%)
   - 3.3 HECTARES ARE OPEN / CLEARED LAND (11%)
   - 1.2 HECTARES ARE COVERED WITH TREE GROWTH (4.1%)
8. THE LAND LOCATED WITHIN THE 120 METER INFORMATION ZONE SURROUNDING THIS LICENSED PIT PROPERTY CONSISTS OF A LICENSED PIT OPERATION TO THE WEST, PASTURE LAND TO THE SOUTHWEST, CROPPED LAND TO THE SOUTH, CROPPED LAND AND FORESTED LAND TO THE EAST, CROPPED LAND WITH FARM & RESIDENCE TO THE NORTH AND PASTURE LAND TO THE NORTHWEST.
9. WITH EXCEPTION OF THE COMMON BOUNDARY WITH LICENSED PIT #3419 TO THE WEST (UNFENCED) THE REMAINING LICENSED AREA BOUNDARY IS FENCED WITH 1.2 METER POST & PAGE WIRE FENCING.
10. BUILDINGS AND FIXED STRUCTURES LOCATED ON THE LICENSED PROPERTY INCLUDE WEIGH SCALES AND A SCALE HOUSE. // WASH PLANT AND PORTABLE CRUSHING UNIT OPERATE ON SITE FROM TIME TO TIME. THE LOCATI OF THE WASH PLANT IS ILLUSTRATED ON THIS SITE PLAN. PORTABLE CRUSHING/ SCREENING PLANTS HAVE OPERATED AND CONTINUE TO OPERATE AT VARIOUS LOCATIONS ON THE PIT FLOOR, DEPENDING ON LOCATION OF AGGREGATE TO BE CRUSHED.
11. A STATIONARY PORTABLE FUEL TANK IS LOCATED ON SITE, USED FOR FUELING OF EQUIPMENT. THE LOCATION OF FUEL TANK IS ILLUSTRATED ON THE FACE OF THIS SITE PLAN.
12. REFERENCE MATERIAL USED IN THE PREPARATION OF THIS SITE PLAN INCLUDE THE FOLLOWING:
    - TOWNSHIP OF MARIPOSA BY-LAW NO. 78-17
    - COUNTY OF VICTORIA (NOW CITY OF KAWARTHA LAKES) OFFICIAL PLAN
    - EXISTING SITE PLANS PREPARED BY E. G. GURNETT LIMITED, ONTARIO LAND SURVEYORS DATED NOVEMBER 12, 1992 (APPROVED BY MNR&F)
    - ON GROUND SURVEY DATA COLLECTED BY GPS AND TOTAL STATION EQUIPMENT
    - PLAN 57R-6739
    - AERIAL IMAGERY FROM FIRST BASE SOLUTIONS INC.
    - EXISTING SITE PLAN PREPARED BY D.M. WILLS ASSOCIATES LIMITED (ADJACENT PIT LICENSE #3419)



KEYMAP: NOT TO SCALE

APPENDIX " B-1 "
to
REPORT PLAN2021-010
FILE NO: D06-2020-004

I ACKNOWLEDGE AND SHALL CARRY ON THE OPERATION OF THIS SITE PLAN IN ACCORDANCE WITH THE SITE PLAN UPON WHICH MY LICENSE IS BASED.

JAMES BEDARD
BEDARD SAND & GRAVEL LIMITED

DATE

SITE PLAN APPROVED BY

MINISTRY OF NATURAL RESOURCES & FORESTRY

DATE

SITE PLAN AMENDMENTS

No.	DATE	DESCRIPTION	DATE APPROVED	APPROVED (INITIALS MNR & F OFFICIAL)

PLAN PREPARED BY

MARINA A. HANNA
ONTARIO LAND SURVEYOR

Jan. 25, 2021
DATE

EXISTING FEATURES

SHEET 1 OF 4

COE FISHER CAMERON LAND SURVEYORS
SURVEYING MAPPING GIS
A Division of J.D. Barnes Limited
3 COMMERCE PLACE, UNIT 201, LINDSAY, ON K9V 0N5
T: (705) 324-4152 F: (705) 324-6406 www.jdbarnes.com

DRAWN BY:	CHECKED BY:	REFERENCE NO.:
RH	M.A.H.	18-17-042-01

FILE: G:\18-17-042\01\Drawing\18-17-042-01-EXIST.dgn
DATED: 01/25/2021
PLOTTED: 1/25/2021