PIT LOCATION

PART OF LOT 80, CONCESSION 1 W.P.R.
AND PART OF THE ORIGINAL ROAD ALLOWANCE
BETWEEN LOTS 80 & 81 CONCESSION W.P.R.

(GEOGRAPHIC TOWNSHIP OF TINY) (TOWNSHIP OF TINY)

COUNTY OF SIMCOE

50 0 25 50 100 150 200 250 METRES

1 : 2500

C.T. STRONGMAN O.L.S.

PIT LICENSED TO:

CEDARHURST QUARRIES & CRUSHING LIMITED
P.O. BOX 250
KING CITY, ONTARIO
L7B 1B2

CEDARHURST QUARRIES & CRUSHING LIMITED (SIBTHORPE PIT)

EXISTING FEATURES PLAN

SHEET 1 OF 5

NOTES:

GENERAL INFORMATION

1. This site (formerly owned by the Sibthorpes) is owned by Cedarhurst Quarries & Crushing Limited. The property to the south is also owned by Cedarhurst Quarries & Crushing Limited and operated as a sand / gravel pit (Teedon pit) under Aggregate Licence #3670.

2. Existing features on this site plan were established by a field survey undertaken by C.T.Strongman (Ontario Land Surveyor) between March 15 and May 27, 2010 and February 1 to February 22, 2011, aerial photography provided by Northway Photomap Inc. and Site Plans for the Teedon pit prepared by Skelton, Brumwell & Associates Inc., Project 90-1045 dated March 2, 1993.

3. Other reference material used in conjunction with the preparation of these site plans include the Township of Tiny Zoning By-law 06-001, Township of Tay Zoning By-law #2000-57, letter of opinion / hydrogeological assessment prepared by Alpha Environmental Services Inc., contour mapping by Northway Photomap Inc. (April 2010) based on aerial photography flown in the spring of 2008 and deeds, property identifiers & plans obtained from the Land Registry Office for the County of Simcoe.

4. The contour interval is 1 meter. Elevations are derived from Station 00819798386, elevation 290.048 G.S.C.

5. There are three bench marks located on and near the licensed property being:
   B.M. #1 - Top of drilled well, elevation 245.99 G.S.C.
   B.M. #2 - Top of steel pin - elevation 281.41 G.S.C.
   B.M. #3 - Top of SSIB (short standard iron bar) - elevation 259.39 G.S.C.

SITE AREA CALCULATIONS

1. Licensed area = 42.6 hectares.
2. Existing forested area = 39.2 hectares.
3. Existing open field area = 3.4 hectares.

BUILDINGS / STRUCTURES

There are no buildings or structures on the licensed property. There are three residential dwellings located within 120 meters of the east licensed area boundary. One of the dwellings is located on the property owned by Cedarhurst Quarries & Crushing Limited (formerly owned by the Sibthorpes).

There is one drilled (monitoring) well located at the west end of the licensed property and another drilled (monitoring) well located on the licensed pit property (Teedon pit) to the south. These wells are used for monitoring in conjunction with a Permit to Take Water (washing of aggregate) for the Teedon pit property. There are 3 drilled wells that service dwellings located within the 120 meter information zone.

NOTES:

FENCING / GATING - LCENSED AREA BOUNDARIES

The east and west licensed area boundaries are not fenced. The north licensed area boundary is fenced in disrepair with old rail / wire fencing. The south licensed area boundary is fenced in disrepair with old stone / post & wire fencing. The licensed area boundaries have been surveyed, cut, blazed, painted and staked by C.T. Strongman Surveying Limited, Ontario Land Surveyors. Unobstructed trails enter into the licensed property at the northwest corner (from Carpenter Side Road) and at a central location along the south licensed area boundary (from the Teedon pit - Aggregate Licence #3670).

SURFACE DRAINAGE

Surface drainage on the licensed property is westward, northward and eastward. 39% of surface drainage is westward, 36% of surface drainage is northward and 25% of surface drainage is eastward. A defined seasonal surface water drainage course drains from a portion of the licensed property to the north. Direction of existing surface drainage is illustrated on this site plan using contours and directional arrows.

GEOLOGICAL / AGGREGATE INFORMATION

The site is primarily an ice-contact stratified drift deposit with some of the site falling on glaciolacustrine plain. The aggregate deposit consists primarily of sand with less than 35% gravel. The adjacent licensed pit operation (Teedon pit) exposes pit faces with interbedded fine to coarse gravel, medium to coarse sand and thin clay layers. Testing by MTO in this area has revealed areas of crushable aggregate and pit run aggregate up to 5 meters in depth with sand control necessary for the production of Granular A material. It is estimated that there is approximately 6.5 million tonnes of marketable aggregate that can be removed from the site in this Category 3 pit operation (final pit floor being 1.5 meters above the water table).

WATER TABLE

The water table is estimated to vary from 236.0 meters a.s.l. in the west portion of the licensed property to 254.8 meters a.s.l. on the central portion and to 252.2 meters a.s.l. in the east portion of the licensed property. This information has been established by means of a letter of opinion / hydrogeological assessment prepared by Alpha Environmental Services Inc. dated April 12, 2011.

MUNICIPAL ZONING / LAND USE

Prior to licensing the licensed property (as proposed) is zoned RU (Rural). After licensing the licensed property will be zoned MAR (Mineral Aggregate). The land to the north within the 120 meter information zone is zoned RU (Rural). The land to the east / southeast within the 120 meter information zone is zoned RU (Rural) and RR (Rural Residential - 2 residential parcels to the southeast). The land to the south within the 120 meter information zone is zoned MAR (Mineral Aggregate - aggregate pit Licence #3670). The land to the west within the 120 meter information zone is zoned RU (Rural).

120 METER INFORMATION ZONE

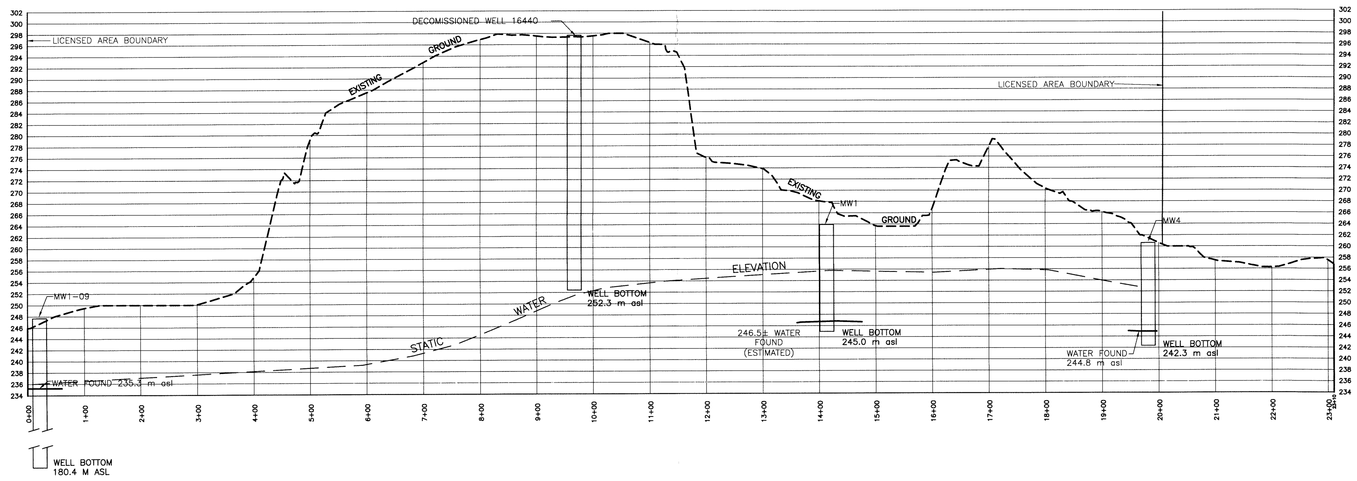
74% of land within the 120 information zone is forested. All of the 120 meter information zone surrounding the licensed property is forested with exception of the active pit area to the south, three residential areas to the east / southeast and the Township roads located adjacent to the licensed property (to the east and west).

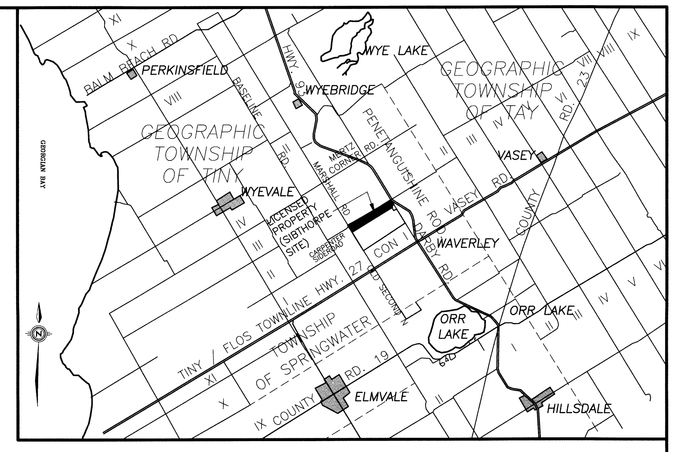
LEGEND

- LICENSED AREA BOUNDARY (SIBTHORPE PIT PROPERTY)
- LICENSED AREA BOUNDARY (AGGREGATE LICENCE #3670 - TEEDON PIT)
- INTERNAL ROAD
- 'A' 'A' — CROSS-SECTION
- 328 — CONTOUR LINES
- BUSH LINE
- BM — BENCH MARK
- x x — FENCE
- LOT LINE
- BOUNDARY OF OTHER LAND OWNED BY LICENSEE
- x x — EXISTING FENCE
- LIMIT OF 120m INFORMATION ZONE
- RU (RURAL) — ZONING
- W — DRILLED WELL
- EXISTING ENTRANCE/EXIT TO EXISTING PIT
- DIRECTION ARROW - SURFACE DRAINAGE
- FACE OF PIT
- SAND PILE
- STONE PILE
- MIXED AGGREGATE PILE
- EXISTING BUILDING
- ENTRANCE /EXIT — EXISTING ENTRANCE / EXIT
- HYDRO POLE
- H H H — HYDRO POLE LINE
- MW — MONITORING WELL

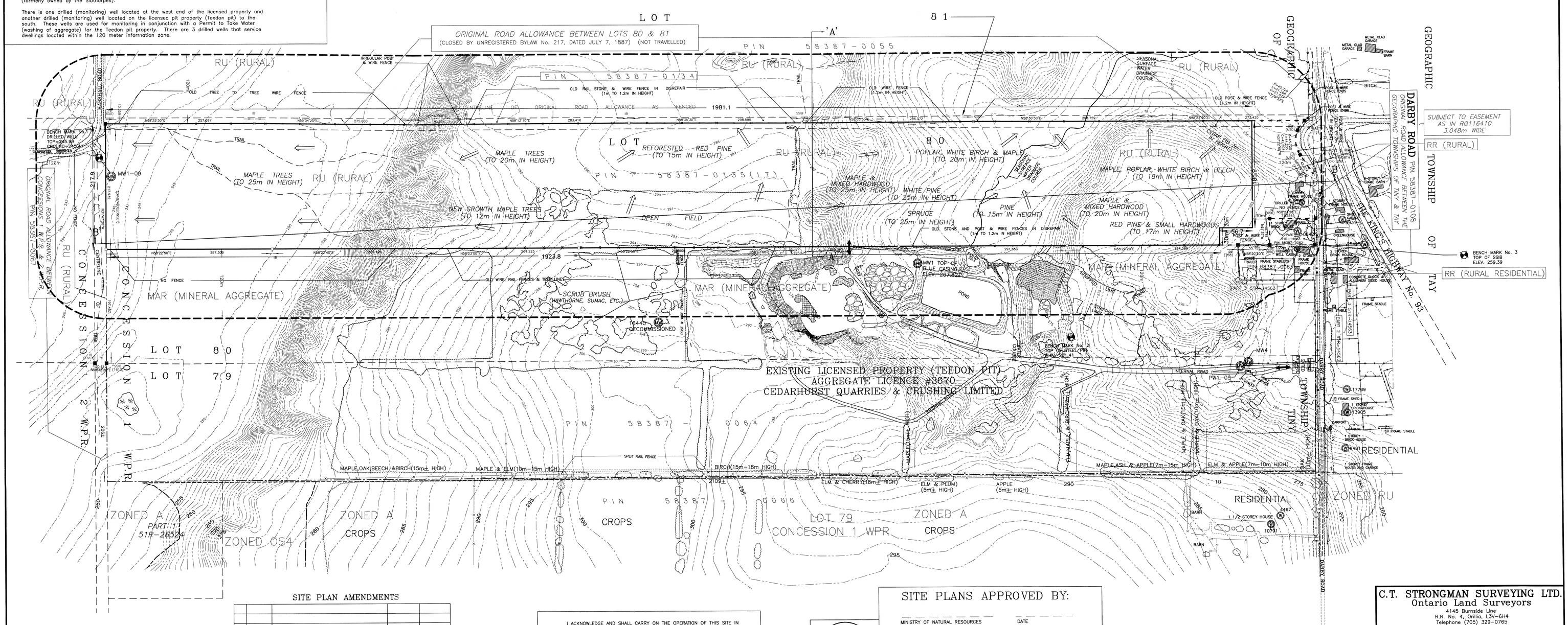
THIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR AN AGGREGATE LICENCE, CATEGORY 3, CLASS "A" PIT ABOVE THE WATER TABLE

CROSS SECTION OF WATER TABLE
MONITORING WELL #09 THROUGH MONITORING WELL #1
TO MONITORING WELL #04
HORIZONTAL SCALE 1:5000
VERTICAL SCALE 1:500





KEY PLAN - SCALE 1:125,000



SITE PLAN AMENDMENTS

NO.	DATE	DESCRIPTION	APPROVED (INITIALS MNR OFFICIAL)	DATE APPROVED

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

ROBERT GRAHAM, SENIOR VICE-PRESIDENT
K.J. BEAMISH CONSTRUCTION CO. LTD.
DATE

ASSOCIATION OF ONTARIO LAND SURVEYORS
J.C. STANTON
1570

SITE PLANS APPROVED BY:

MINISTRY OF NATURAL RESOURCES — DATE

PLAN PREPARED BY

J. C. STATION O.L.S., C.L.S. — DATE

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ORILLIA - ONTARIO

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