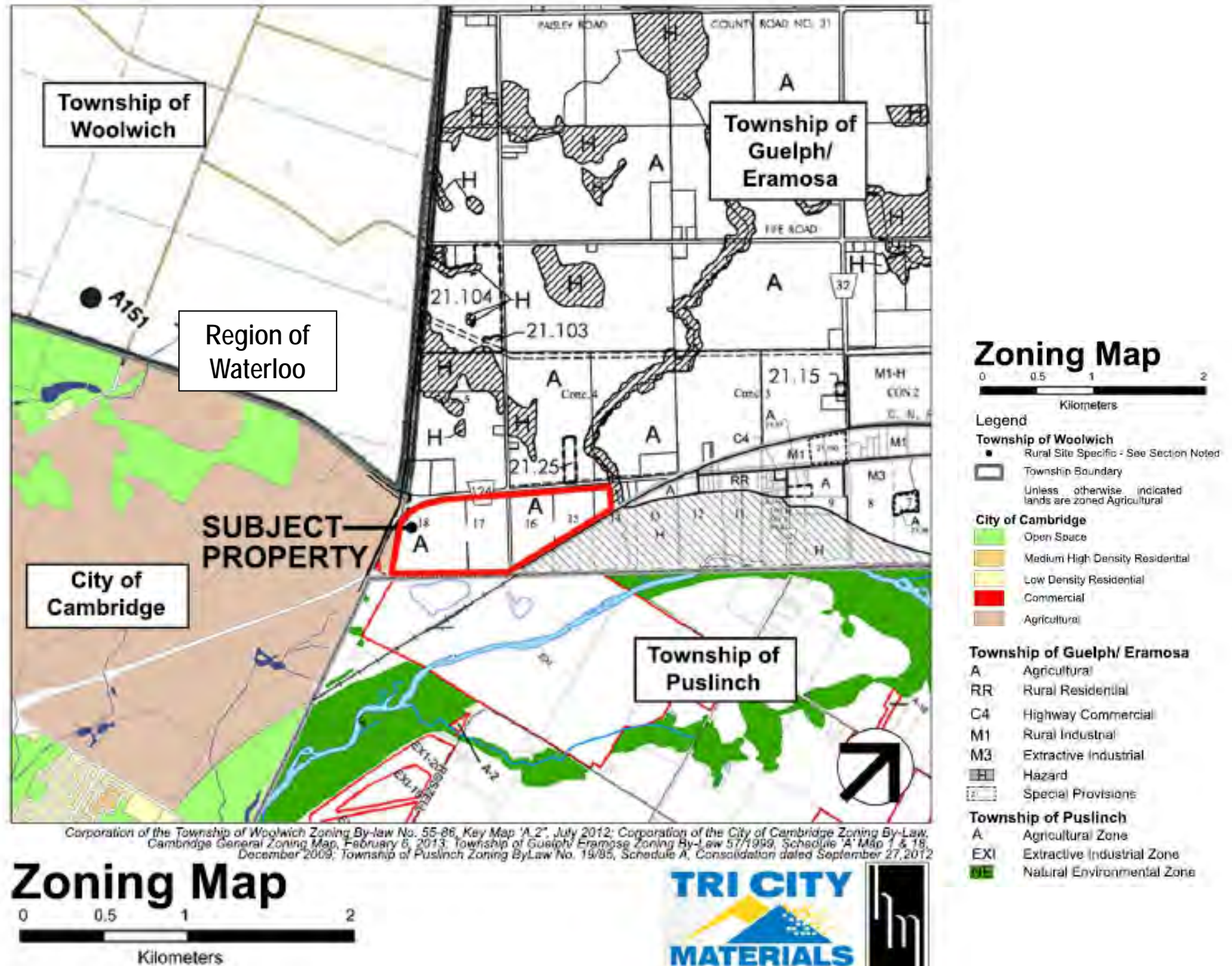


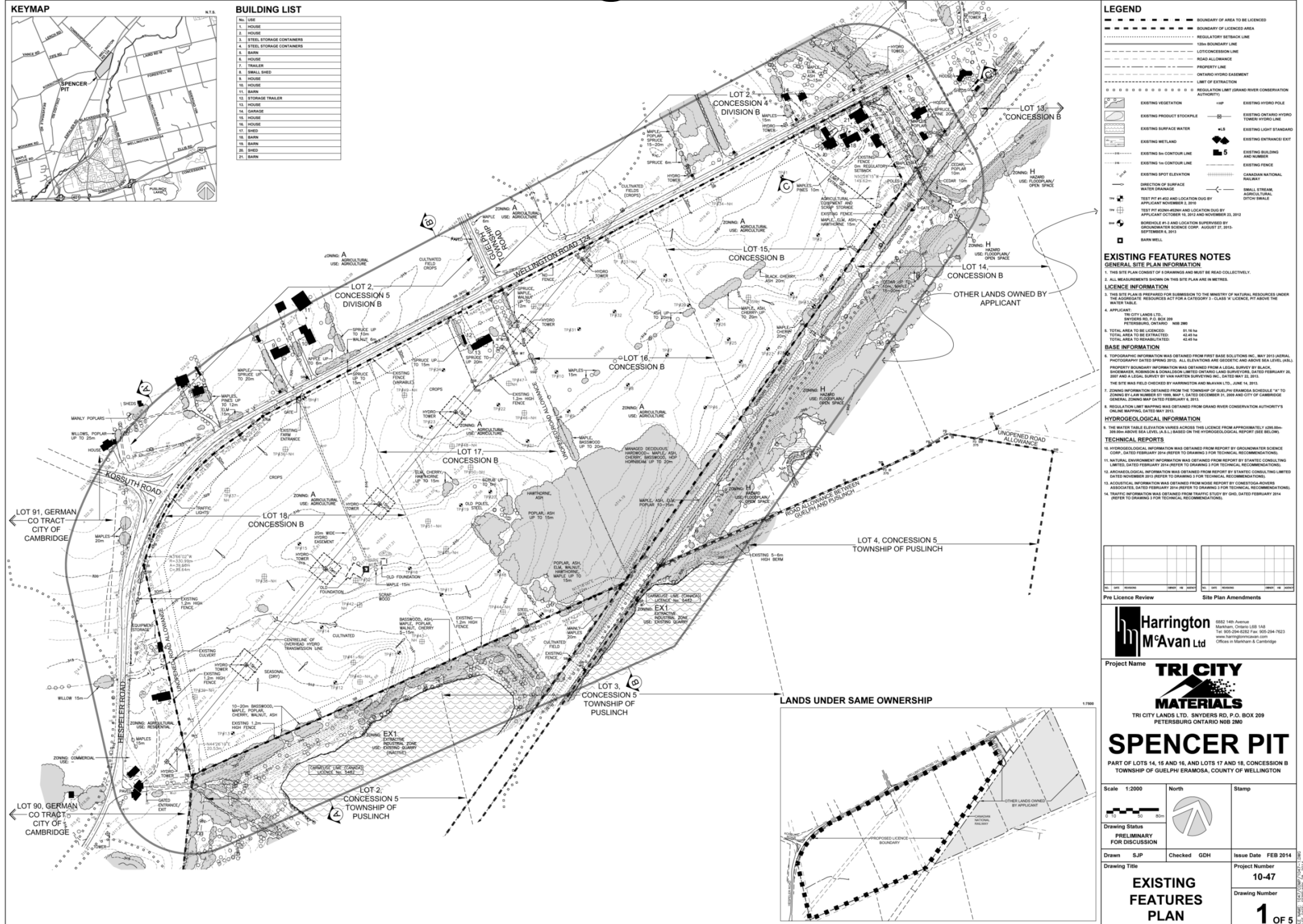
Application for Rezoning (File No. ZBA 01/14)

6939 Wellington Road 124



Application for Rezoning (File No. ZBA 01/14)

6939 Wellington Road 124



KEYMAP



BUILDING LIST

No.	USE
1.	HOUSE
2.	HOUSE
3.	STEEL STORAGE CONTAINERS
4.	STEEL STORAGE CONTAINERS
5.	BARN
6.	HOUSE
7.	TRAILER
8.	SMALL SHED
9.	HOUSE
10.	HOUSE
11.	BARN
12.	STORAGE TRAILER
13.	HOUSE
14.	GARAGE
15.	HOUSE
16.	HOUSE
17.	SHED
18.	BARN
19.	BARN
20.	SHED
21.	BARN

LEGEND

---	BOUNDARY OF AREA TO BE LICENCED
---	BOUNDARY OF LICENCE AREA
---	REGULATORY SETBACK LINE
---	125m BOUNDARY LINE
---	LOT/CONCESSION LINE
---	ROAD ALLOWANCE
---	PROPERTY LINE
---	ONTARIO HYDRO EASEMENT
---	LIMIT OF EXTRACTION
---	REGULATORY LIMIT (GRAND RIVER CONSERVATION AUTHORITY)
---	EXISTING VEGETATION
---	EXISTING PRODUCT STOCKPILE
---	EXISTING SURFACE WATER
---	EXISTING WETLAND
---	EXISTING 5m CONTOUR LINE
---	EXISTING 1m CONTOUR LINE
---	EXISTING SPOT ELEVATION
---	DIRECTION OF SURFACE WATER DRAINAGE
---	TEST PIT #1-42 AND LOCATION DUB BY APPLICANT NOVEMBER 8, 2013
---	TEST PIT #20-42 AND LOCATION DUB BY APPLICANT OCTOBER 16, 2013 AND NOVEMBER 20, 2013
---	BOUNCEWELL #1,2 AND LOCATION SUPERVISED BY GROUNDWATER SCIENCE CORP. AUGUST 27, 2013 - SEPTEMBER 8, 2013
---	BARN WELL
---	EXISTING HYDRO POLE
---	EXISTING ONTARIO HYDRO TOWER/HYDRO LINE
---	EXISTING LIGHT STANDARD
---	EXISTING ENTRANCE EXT
---	EXISTING BUILDING AND NUMBER
---	EXISTING FENCE
---	CANADIAN NATIONAL RAILWAY
---	SMALL STREAM, AGRICULTURAL DITCH/SWALE

EXISTING FEATURES NOTES

- GENERAL SITE PLAN INFORMATION**
- THE SITE PLAN CONSIST OF 2 EXCHANGES AND MUST BE READ COLLECTIVELY.
 - ALL MEASUREMENTS SHOWN ON THIS SITE PLAN ARE IN METRES.
- LICENCE INFORMATION**
- THIS SITE PLAN IS PREPARED FOR SUBMISSION TO THE MINISTRY OF NATURAL RESOURCES UNDER THE AGRICULTURE RESOURCES ACT FOR A CATEGORY 3, CLASS 8, LICENCE, AT ABOVE THE WATER TABLE.
 - APPLICANT: TRI CITY LANDS LTD., P.O. BOX 209, PETERSBURG, ONTARIO N0B 2M0
 - TOTAL AREA TO BE LICENCED: 42.45 HA
 - TOTAL AREA TO BE EXTRACTED: 42.45 HA
 - TOTAL AREA TO BE REHABILITATED: 42.45 HA
- BASE INFORMATION**
- TOPOGRAPHIC INFORMATION WAS OBTAINED FROM FIRST BASE SOLUTIONS INC. MAY 2013 (AERIAL PHOTOGRAPHY DATED SPRING 2013). ALL ELEVATIONS ARE GEODIC AND ABOVE SEA LEVEL (A.S.L.). PROPERTY BOUNDARY INFORMATION WAS OBTAINED FROM A LEGAL SURVEY BY BLACK, BROCKMEYER, ROBINSON & DONALDSON LIMITED ONTARIO LAND SURVEYORS, DATED FEBRUARY 20, 2009 AND A LEGAL SURVEY BY VAN WATERS SURVEYING INC. DATED MAY 22, 2013. THE SITE WAS FIELD CHECKED BY HARRINGTON AND McAVAN LTD. JUNE 14, 2013.
 - ZONING INFORMATION OBTAINED FROM THE TOWNSHIP OF GUELPH/ERAMOSAS SCHEDULE "A" TO ZONING BY-LAW NUMBER 87, 1994, LATEST AMENDMENT DECEMBER 31, 2009 AND CITY OF CAMBRIDGE GENERAL ZONING MAP DATED FEBRUARY 6, 2013.
 - REGULATORY LIMIT MAPPING WAS OBTAINED FROM GRAND RIVER CONSERVATION AUTHORITY'S ONLINE MAPPING, DATED MAY 2013.
- HYDROLOGICAL INFORMATION**
- THE WATER TABLE ELEVATION VALUES ACROSS THIS LICENCE FROM APPROXIMATELY 428.80m - 285.80m ABOVE SEA LEVEL (A.S.L.) BASED ON THE HYDROLOGICAL REPORT (SEE BELOW).
- TECHNICAL REPORTS**
- HYDROLOGICAL INFORMATION WAS OBTAINED FROM REPORT BY GROUNDWATER SCIENCE CORP. DATED FEBRUARY 2014 (REFER TO DRAWING 3 FOR TECHNICAL RECOMMENDATIONS).
 - NATURAL ENVIRONMENT INFORMATION WAS OBTAINED FROM REPORT BY STANTEC CONSULTING LIMITED DATED FEBRUARY 2014 (REFER TO DRAWING 3 FOR TECHNICAL RECOMMENDATIONS).
 - ARCHAEOLOGICAL INFORMATION WAS OBTAINED FROM REPORT BY STANTEC CONSULTING LIMITED DATED NOVEMBER 2013 (REFER TO DRAWING 3 FOR TECHNICAL RECOMMENDATIONS).
 - ACQUACULTURE INFORMATION WAS OBTAINED FROM MOOSE REPORT BY COMESTOGA-ROVERS ASSOCIATES, DATED FEBRUARY 2014 (REFER TO DRAWING 3 FOR TECHNICAL RECOMMENDATIONS).
 - TRAFFIC INFORMATION WAS OBTAINED FROM TRAFFIC STUDY BY GHD, DATED FEBRUARY 2014 (REFER TO DRAWING 3 FOR TECHNICAL RECOMMENDATIONS).

NO.	DATE	REVISION	BY	CHKD.	DATE

Pre Licence Review Site Plan Amendments

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Project Name **TRI CITY MATERIALS**
 TRI CITY LANDS LTD., SNYDERS RD., P.O. BOX 209
 PETERSBURG ONTARIO N0B 2M0

SPENCER PIT

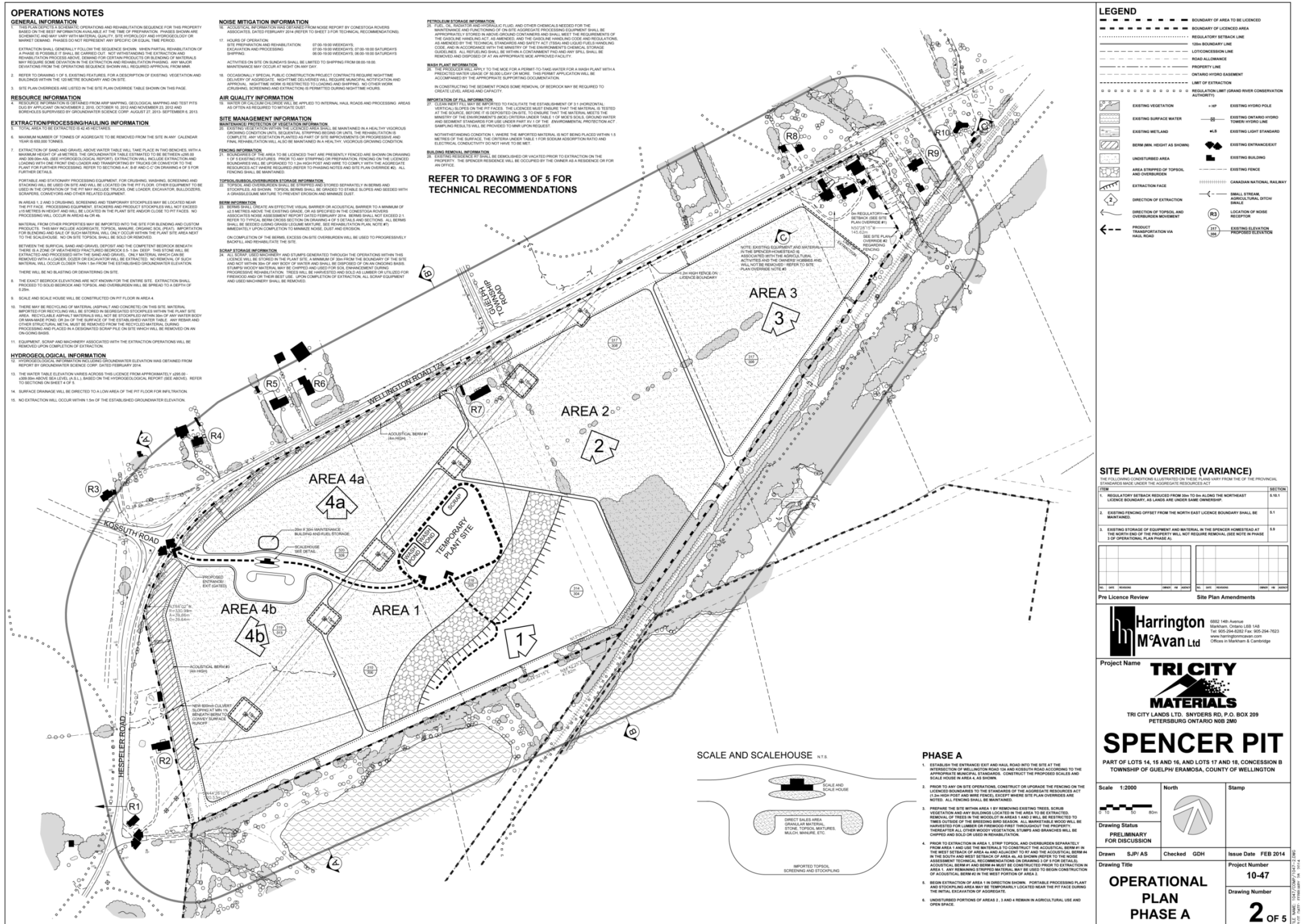
PART OF LOTS 14, 15 AND 16, AND LOTS 17 AND 18, CONCESSION B
 TOWNSHIP OF GUELPH/ERAMOSAS, COUNTY OF WELLINGTON

Scale: 1:2000	North	Stamp
Drawing Status: PRELIMINARY FOR DISCUSSION		
Drawn: SJP	Checked: GDH	Issue Date: FEB 2014
Drawing Title: EXISTING FEATURES PLAN	Project Number: 10-47	Drawing Number: 1 OF 5

FILE NO: ZBA 01/14
 DATE: FEBRUARY 26, 2014

Application for Rezoning (File No. ZBA 01/14)

6939 Wellington Road 124



OPERATIONS NOTES

GENERAL INFORMATION

- THE PLAN depicts SCENARIOS OPERATIONS AND REHABILITATION SEQUENCE FOR THIS PROPERTY BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION. PHASES SHOWN ARE SCENARIOS AND MAY VARY WITH MATERIAL QUALITY, SITE HYDROLOGY AND HYDROLOGICAL OR MARKET DEMAND. PHASES DO NOT REPRESENT ANY SPECIFIC OR EQUAL TIME PERIOD.
- EXTRACTION SHALL GENERALLY FOLLOW THE SEQUENCE SHOWN. WHEN PARTIAL REHABILITATION OF A PHASE IS POSSIBLE IT SHALL BE CONSIDERED. NOT WITHSTANDING THE EXTRACTION AND REHABILITATION SEQUENCE, THE ORDER OF EXTRACTION AND REHABILITATION SHALL BE DETERMINED BY THE OPERATIONAL REQUIREMENTS AND THE NEED TO MAINTAIN ACCESS TO THE OPERATIONAL REQUIREMENTS AND THE NEED TO MAINTAIN ACCESS TO THE OPERATIONAL REQUIREMENTS AND THE NEED TO MAINTAIN ACCESS TO THE OPERATIONAL REQUIREMENTS.
- REFER TO DRAWING 1 OF 5 EXISTING FEATURES FOR A DESCRIPTION OF EXISTING VEGETATION AND BUILDINGS WITHIN THE 120 METRE BOUNDARY AND ON SITE.
- THE SITE PLAN OVERLAYS ARE LISTED IN THE SITE PLAN OVERLAYS TABLE SHOWN ON THIS PAGE.

RESOURCE INFORMATION

- REGULATORY INFORMATION OBTAINED FROM AIP MAPPIING, GEOLOGICAL MAPPING AND TEST FITS DUG BY APPLICANT ON NOVEMBER 2, 2010; OCTOBER 10, 2012 AND NOVEMBER 23, 2012 AND BORNEALS SUPPLIED BY GROUNDWATER SCIENCE CORP. AUGUST 27, 2013; SEPTEMBER 6, 2013.

EXTRACTION/PROCESSING/HAULING INFORMATION

- TOTAL AREA TO BE EXTRACTION IS 45.45 HECTARES.
- MAXIMUM NUMBER OF TONNES OF AGGREGATE TO BE REMOVED FROM THE SITE IN ANY CALENDAR YEAR IS 600,000 TONNES.
- EXTRACTION OF SAND AND GRAVEL ABOVE WATER TABLE WILL TAKE PLACE IN TWO BENCHES, WITH A MAXIMUM HEIGHT OF 48 METRES. THE GRADATION TABLE ESTIMATED TO BE BETWEEN USE #1 AND USE #2A AS SHOWN. SEE HYDROLOGICAL REPORT. EXTRACTION WILL INCLUDE EXTRACTION AND LOADING WITH ONE FROM THE LOADER AND TRANSPORT BY TRUCKS OR CONVEYOR TO THE PLANT FOR FURTHER PROCESSING. REFER TO SECTIONS A, B AND C-C ON DRAWING 4 OF 5 FOR FURTHER DETAILS.
- PORTABLE AND STATIONARY PROCESSING EQUIPMENT FOR CRUSHING, WASHING, SCREENING AND STOCKPILING WILL BE USED ON SITE AND WILL BE LOCATED ON THE PIT FLOOR. OTHER EQUIPMENT TO BE USED IN THE OPERATION OF THE PIT MAY INCLUDE TRACKS, LOADERS, EXCAVATORS, BULLDOZERS, SCRAPERS, CONVEYORS AND OTHER RELATED EQUIPMENT.
- IN AREAS 1, 2 AND 3 UNDISTURBED VEGETATION AND TEMPORARY STOCKPILES MAY BE LOCATED NEAR THE PIT FACE. PROCESSING EQUIPMENT, STACKERS AND PRODUCT STOCKPILES WILL NOT EXCEED 10 METRES IN HEIGHT AND WILL BE LOCATED TO THE PLANT SITE AND/OR CLOSE TO PIT FACES. NO PROCESSING WILL OCCUR IN AREAS 4A OR 4B.
- MATERIAL FROM OTHER PROPERTIES MAY BE IMPORTED INTO THE SITE FOR BLENDING AND CUSTOM PRODUCTS. THIS MAY INCLUDE AGGREGATE, TOPSOIL, MANURE, ORGANIC SOIL, SPECK, IMPORTATION FOR BLENDING AND SALE OF SUCH MATERIAL WILL ONLY OCCUR WITHIN THE PLANT SITE AREA NEXT TO THE SCALEHOUSE. NO ON SITE TOPSOIL SHALL BE SOIL ON REMOVED.
- BETWEEN THE SURFICIAL SAND AND GRAVEL DEPOSIT AND THE COMPETENT BEDROCK BENEATH THERE IS A ZONE OF WEATHERED FRAGMENTED BEDROCK 1.5M DEEP. THIS STONE WILL BE EXTRACTION AND PROCESSED WITH THE SAND AND GRAVEL. ONLY MATERIAL WHICH CAN BE REMOVED WITH A LOADER, DOZER OR EXCAVATOR OR BY CHIPPED AND USED FOR SOIL ENRICHMENT, DURING PROCESSING AND PLACED IN A DESIGNATED SCRAP PILE ON SITE WHICH WILL BE REMOVED ON AN ON-GOING BASIS.
- THERE WILL BE NO BLASTING OR DYNAMITING ON SITE.
- THE LOCAL BEDROCK ELEVATIONS ARE NOT KNOWN FOR THE ENTIRE SITE. EXTRACTION SHALL PROCEED TO SOLID BEDROCK AND TOPSOIL AND OVERBURDEN WILL BE STRIPPED TO A DEPTH OF 2.5M.
- SCALE AND SCALE HOUSE WILL BE CONSTRUCTED ON PIT FLOOR IN AREA 4.
- THERE MAY BE RECYCLING OF MATERIAL (ASPHALT AND CONCRETE) ON THIS SITE. MATERIAL IMPORTED FOR RECYCLING WILL BE STORED IN DESIGNATED STOCKPILES WITHIN THE PLANT SITE AREA. RECYCLABLE ASPHALT MATERIALS WILL NOT BE STOCKPILED WITHIN 5M OF ANY WATER BODY OR MAN-MADE POND OR ON THE SURFACE OF THE ESTABLISHED WATER TABLE. ANY ASPHALT AND OTHER STRUCTURAL MATERIALS MUST BE REMOVED FROM THE RECYCLING MATERIALS DURING PROCESSING AND PLACED IN A DESIGNATED SCRAP PILE ON SITE WHICH WILL BE REMOVED ON AN ON-GOING BASIS.

HYDROLOGICAL INFORMATION

- EQUIPMENT, SCRAP AND MACHINERY ASSOCIATED WITH THE EXTRACTION OPERATIONS WILL BE REMOVED UPON COMPLETION OF EXTRACTION.
- HYDROLOGICAL INFORMATION INCLUDING GROUNDWATER ELEVATION WAS OBTAINED FROM REPORT BY GROUNDWATER SCIENCE CORP. DATED FEBRUARY 2014.
- THE WATER TABLE ELEVATION VARIES ACROSS THIS LICENCE FROM APPROXIMATELY 4200.00 TO 4000.00m ABOVE SEA LEVEL (A.S.L.) BASED ON THE HYDROLOGICAL REPORT (SEE ABOVE). REFER TO SECTION 4 OF 5 FOR DETAILS.
- SURFACE DRAINAGE WILL BE DIRECTED TO A LOW AREA OF THE PIT FLOOR FOR INFILTRATION.
- NO EXTRACTION WILL OCCUR WITHIN 1.5M OF THE ESTABLISHED GROUNDWATER ELEVATION.

NOISE MITIGATION INFORMATION

- ACCUSTICAL INFORMATION WAS OBTAINED FROM NOISE REPORT BY COMESTOGA NOISES ASSOCIATES, DATED FEBRUARY 2014 REFER TO SHEET 3 FOR TECHNICAL RECOMMENDATIONS.
- HOURS OF OPERATION:
 - SITE PREPARATION AND REHABILITATION: 07:00-19:00 WEEKDAYS;
 - EXCAVATION AND PROCESSING: 07:00-19:00 WEEKDAYS; 07:00-18:00 SATURDAYS;
 - SHIPPING: 08:00-16:00 WEEKDAYS; 08:00-18:00 SATURDAYS;
 - MAINTENANCE MAY OCCUR AT NIGHT ON ANY DAY.
- OCCASIONALLY SPECIAL PUBLIC CONSTRUCTION PROJECT CONTRACTS REQUIRE NIGHTTIME DELIVERY OF AGGREGATE. NIGHTTIME DELIVERY WILL REQUIRE MUNICIPAL NOTIFICATION AND APPROVAL. NIGHTTIME WORK IS RESTRICTED TO LOADING AND SHIPPING. NO OTHER WORK (CRUSHING, SCREENING AND EXTRACTION) IS PERMITTED DURING NIGHTTIME HOURS.

AIR QUALITY INFORMATION

- TESTS BY CALTECH CAN BE APPLIED TO INTERNAL HALL, ROADS AND PROCESSING AREAS AS OFTEN AS REQUIRED TO MITIGATE DUST.

SITE MANAGEMENT INFORMATION

MAINTENANCE PROTECTION OF VEGETATION INFORMATION

- EXISTING VEGETATION WITHIN THE LICENCED AREA SHALL BE MAINTAINED IN A HEALTHY VIGOROUS GROWING CONDITION UNLESS IDENTIFIED AS UNDESIRABLE OR UNWANTED. THE REMOVAL OF COMPLETE ANY VEGETATION PLANTED AS PART OF SITE IMPROVEMENTS OR PROGRESSIVE AND FINAL REHABILITATION WILL ALSO BE MAINTAINED IN A HEALTHY VIGOROUS GROWING CONDITION.

FENCING INFORMATION

- TESTS BY CALTECH CAN BE APPLIED TO INTERNAL HALL, ROADS AND PROCESSING AREAS AS OFTEN AS REQUIRED TO MITIGATE DUST.

TOPSOIL/BERM/OVERBURDEN STORAGE INFORMATION

- TOPSOIL AND OVERBURDEN SHALL BE STRIPPED AND STORED SEPARATELY IN BERMS AND STOCKPILES AS SHOWN. TOPSOIL BERMS SHALL BE GRADED TO STABLE SLOPES AND SEEDED WITH A GRASS/LEGUME MIXTURE TO PREVENT EROSION AND MINIMIZE DUST.

BERM INFORMATION

- BERMS SHALL BE LOCATED TO THE AREA TO BE LICENCED THAT ARE PRESENTLY FENCED ARE SHOWN ON DRAWING 1 OF 5 EXISTING FEATURES. PRIOR TO ANY STRIPPING OR PREPARATION, FENCING ON THE LICENCED BERMS SHALL BE IMPROVED TO 1.5M HIGH POST AND WIRE TO COMPLY WITH THE AGGREGATE RESOURCES ACT (WHERE REQUIRED). REFER TO PAVING NOTES AND SITE PLAN OVERLAYS #2. ALL FENCING SHALL BE MAINTAINED.
- ON COMPLETION OF THE BERMS, EXCESS ON-SITE OVERBURDEN WILL BE USED TO PROGRESSIVELY REPAIR AND REHABILITATE THE SITE.

SCRAP STORAGE INFORMATION

- ALL SCRAP USED MACHINERY AND STUMPS GENERATED THROUGH THE OPERATIONS WITHIN THIS LICENCE WILL BE STORED IN THE PLANT SITE. A MINIMUM OF 20M FROM THE BOUNDARY OF THE SITE AND NOT WITHIN 5M OF ANY BODY OF WATER AND SHALL BE DISPOSED OF ON AN ONGOING BASIS. STUMPED WOODY MATERIAL MAY BE CHIPPED AND USED FOR SOIL ENRICHMENT DURING PROGRESSIVE REHABILITATION. THESE WILL BE HARVESTED AND SOLD AS LUMBER OR UTILIZED FOR FIREWOOD AND/OR OTHER BEST USE. UPON COMPLETION OF EXTRACTION ALL SCRAP EQUIPMENT AND USED MACHINERY SHALL BE REMOVED.

PETROLEUM STORAGE INFORMATION

- FUEL OIL, MOTOR OIL AND HYDRAULIC FLUID, AND OTHER CHEMICALS NEEDED FOR THE MAINTENANCE AND FUNCTIONING OF ON-SITE AGGREGATE PROCESSING EQUIPMENT SHALL BE APPROPRIATELY STORED IN ABOVE-GROUND CONTAINERS AND SHALL MEET THE REQUIREMENTS OF THE CANADIAN HAZARDOUS ACT, THE ENVIRONMENTAL PROTECTION ACT AND REGULATIONS THEREUNDER. ALL CONTAINERS SHALL BE MAINTAINED IN A SAFE AND SOUND CONDITION AND SHALL BE PROTECTED FROM VANDALISM AND ACCIDENTS. ALL CONTAINERS SHALL BE MAINTAINED IN A SAFE AND SOUND CONDITION AND SHALL BE PROTECTED FROM VANDALISM AND ACCIDENTS. ALL CONTAINERS SHALL BE MAINTAINED IN A SAFE AND SOUND CONDITION AND SHALL BE PROTECTED FROM VANDALISM AND ACCIDENTS.

WASH PLANT INFORMATION

- THE PRODUCER WILL APPLY TO THE MDC FOR A PERMIT TO TAKE WATER FOR A WASH PLANT WITH A PROTECTED WATER SUPPLY OF 3000 LITRE PER HOUR. THIS PERMIT APPLICATION WILL BE ACCOMPANIED BY THE APPROPRIATE SUPPORTING DOCUMENTATION.

IMPORTATION OF FILL INFORMATION

- CLEAN FILL MUST BE IMPORTED TO FACILITATE THE ESTABLISHMENT OF 3% HORIZONTAL VERTICAL SLOPES ON THE PIT FACES. THE LICENSEE MUST ENSURE THAT THE MATERIAL IS TESTED AT THE SOURCE, BEFORE IT IS DELIVERED ON-SITE, TO ENSURE THAT THE MATERIAL MEETS THE MINISTRY OF THE ENVIRONMENT'S WASTE CRITERIA UNDER TABLE 1 OF WOODS SOILS, GROUND WATER AND BEDROCK STANDARDS FOR USE UNDER PART 4 OF THE ENVIRONMENTAL PROTECTION ACT. SAMPLING RESULTS WILL BE PROVIDED TO MPP UPON REQUEST.

NOTIFYING AVOIDING CONDITIONS

- IF ANY OF THE IMPORTED MATERIAL IS NOT BEING PLACED WITHIN 1.5 METRES OF THE SURFACE, THE CRITERIA UNDER TABLE 1 FOR SOILS ADSORPTION RATIO AND ELECTRICAL CONDUCTIVITY DO NOT HAVE TO BE MET.

BUILDING REMOVAL INFORMATION

- EXISTING RESIDENCE SHALL BE DEMOLISHED OR VACATED PRIOR TO EXTRACTION ON THE PROPERTY. THE UPGRADER RESIDENCE WILL BE OCCUPIED BY THE OWNER AS A RESIDENCE OR FOR AN OFFICE.

REFER TO DRAWING 3 OF 5 FOR TECHNICAL RECOMMENDATIONS

LEGEND

- BOUNDARY OF AREA TO BE LICENCED
- BOUNDARY OF LICENCED AREA
- REGULATORY SETBACK LINE
- 120M BOUNDARY LINE
- LOT/CONVESSION LINE
- PROPERTY LINE
- ONTARIO HYDRO EASEMENT
- LIMIT OF EXTRACTION
- REGULATION LIMIT (GRAND RIVER CONSENT AUTHORITY)
- EXISTING VEGETATION
- EXISTING SURFACE WATER
- EXISTING WETLAND
- BERM (MIN. HEIGHT AS SHOWN)
- UNDISTURBED AREA
- AREA STRIPPED OF TOPSOIL AND OVERBURDEN
- EXTRACTION FACE
- DIRECTION OF EXTRACTION
- DIRECTION OF TOPSOIL AND OVERBURDEN MOVEMENT
- PRODUCT TRANSPORTATION VIA MAUL ROAD
- EXISTING HYDRO POLE
- EXISTING ONTARIO HYDRO TOWER HYDRO LINE
- EXISTING LIGHT STANDARD
- EXISTING BRIDGE/DECK
- EXISTING FENCING
- CANADIAN NATIONAL RAILWAY
- SMALL STREAM, AGRICULTURAL DITCH
- LOCATOR OF NOISE REPORT
- EXISTING ELEVATION
- PROPOSED ELEVATION

SITE PLAN OVERRIDE (VARIANCE)

THE FOLLOWING CONDITIONS ILLUSTRATED ON THESE PLANS VARY FROM THE OF THE PROVINCIAL OVERLAYS MADE UNDER THE AGGREGATE RESOURCES ACT

ITEM	SECTION
1. REGULATORY SETBACK REDUCED FROM 30m TO 20m ALONG THE NORTHEAST BOUNDARY. ALL LAND IS UNDER SAME OWNERSHIP.	5.10.1
2. EXISTING FENCING OFFSET FROM THE NORTH EAST LICENCE BOUNDARY SHALL BE MAINTAINED.	5.1
3. EXISTING STORAGE OF EQUIPMENT AND MATERIAL IN THE SPENCER HOMESTEAD AT THE NORTH END OF THE PROPERTY WILL NOT REQUIRE REMOVAL. (SEE NOTE IN PHASE 2 OF OPERATIONAL PLAN PHASE A).	5.5

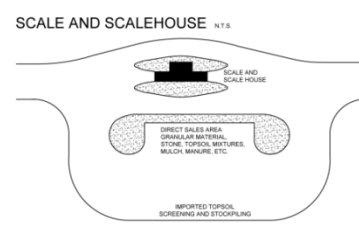
Pre Licence Review: []
Site Plan Amendments: []

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Offices in Markham & Cambridge

Project Name: TRI CITY MATERIALS
TRI CITY LANDS LTD., SNOYERS RD., P.O. BOX 209
PETERSBURG ONTARIO N0B 2M0

SPENCER PIT
PART OF LOTS 14, 15 AND 16, AND LOTS 17 AND 18, CONCESSION B
TOWNSHIP OF GUELPH/ERAMOSA, COUNTY OF WELLINGTON

Scale: 1:2000
North
Stamp
Drawing Status: PRELIMINARY FOR DISCUSSION
Drawn: SJP/AS Checked: GDH Issue Date: FEB 2014
Drawing Title: OPERATIONAL PLAN PHASE A
Project Number: 10-47
Drawing Number: 2 OF 5



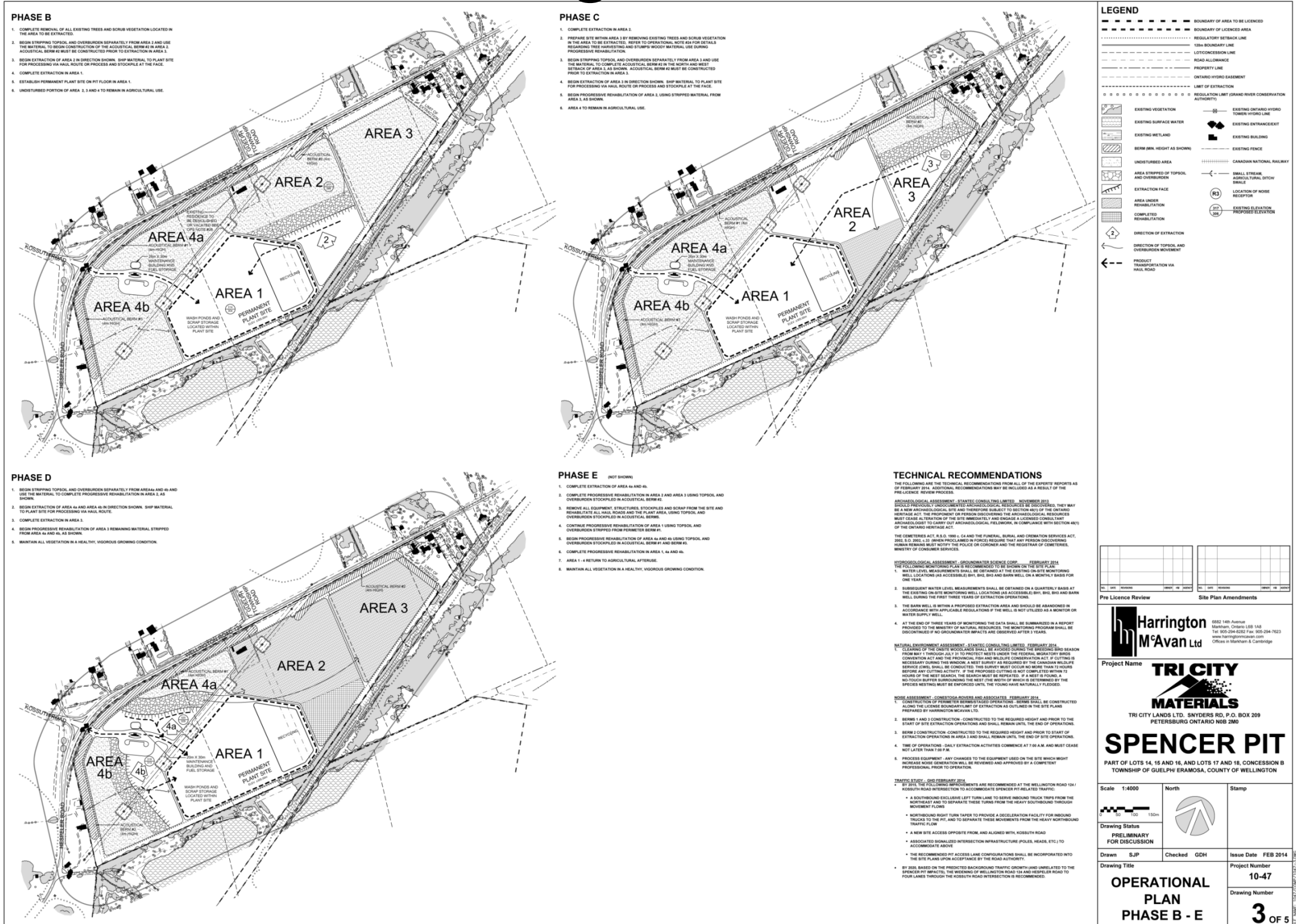
PHASE A

- ESTABLISH THE ENTRANCE EXIT AND MAUL ROAD INTO THE SITE AT THE INTERSECTION OF WELLINGTON ROAD 124 AND KOSSUTH ROAD ACCORDING TO THE APPROPRIATE MUNICIPAL STANDARDS. CONSTRUCT THE PROPOSED SCALES AND SCALE HOUSE IN AREA 4 AS SHOWN.
- PRIOR TO ANY ON-SITE OPERATIONS, CONSTRUCT OR UPGRADE THE FENCING ON THE LICENCED BOUNDARIES TO THE STANDARDS OF THE AGGREGATE RESOURCES ACT (1.5M HIGH POST AND WIRE FENCE), EXCEPT WHERE SITE PLAN OVERLAYS ARE NOTED. ALL FENCING SHALL BE MAINTAINED.
- PREPARE THE SITE WITHIN AREA 1 BY REMOVING EXISTING TREES, SCRUB VEGETATION AND ANY BUILDING LOCATED IN THE AREA TO BE EXTRACTION. REMOVAL OF TREES IN THE WOODLOT IN AREAS 1 AND 2 SHALL BE RESTRICTED TO TREES OF THE BREEDING BIRD SPECIES. ALL BARKED TREE WOOD WILL BE HARVESTED FOR LUMBER OR FIREWOOD FIRST THROUGHOUT THE PROPERTY. THEREAFTER ALL OTHER WOODY VEGETATION, STUMPS AND BRANCHES WILL BE CHIPPED AND SOLD OR USED IN REHABILITATION.
- PRIOR TO EXTRACTION IN AREA 1, STRIP TOPSOIL AND OVERBURDEN SEPARATELY FROM AREA 1 AND USE THE MATERIALS TO CONSTRUCT THE ACCUSTICAL BERM #1 IN THE WEST SETBACK OF AREA 4A AND ADJACENT TO R7 AND THE ACCUSTICAL BERM #4 IN THE SOUTH AND WEST SETBACK OF AREA 4A. AS SHOWN REFER TO THE NOISE ASSESSMENT TECHNICAL RECOMMENDATIONS ON DRAWING 3 OF 5 FOR DETAILS. ACCUSTICAL BERM #1 AND BERM #4 MUST BE CONSTRUCTED PRIOR TO EXTRACTION IN AREA 1. ANY REMAINING STOPPED MATERIAL MAY BE USED TO BEGIN CONSTRUCTION OF ACCUSTICAL BERM #2 IN THE WEST PORTION OF AREA 2.
- BEGIN EXTRACTION OF AREA 1 IN DIRECTION SHOWN. PORTABLE PROCESSING PLANT AND STOCKPILES AREA MAY BE TEMPORARILY LOCATED NEAR THE PIT FACE DURING THE INITIAL EXTRACTION OF AGGREGATE.
- UNDISTURBED PORTIONS OF AREAS 2, 3 AND 4 REMAIN IN AGRICULTURAL USE AND OPEN SPACE.

DATE: 2014-02-20 10:00 AM
DRAWN: SJP/AS
CHECKED: GDH
SCALE: 1:2000

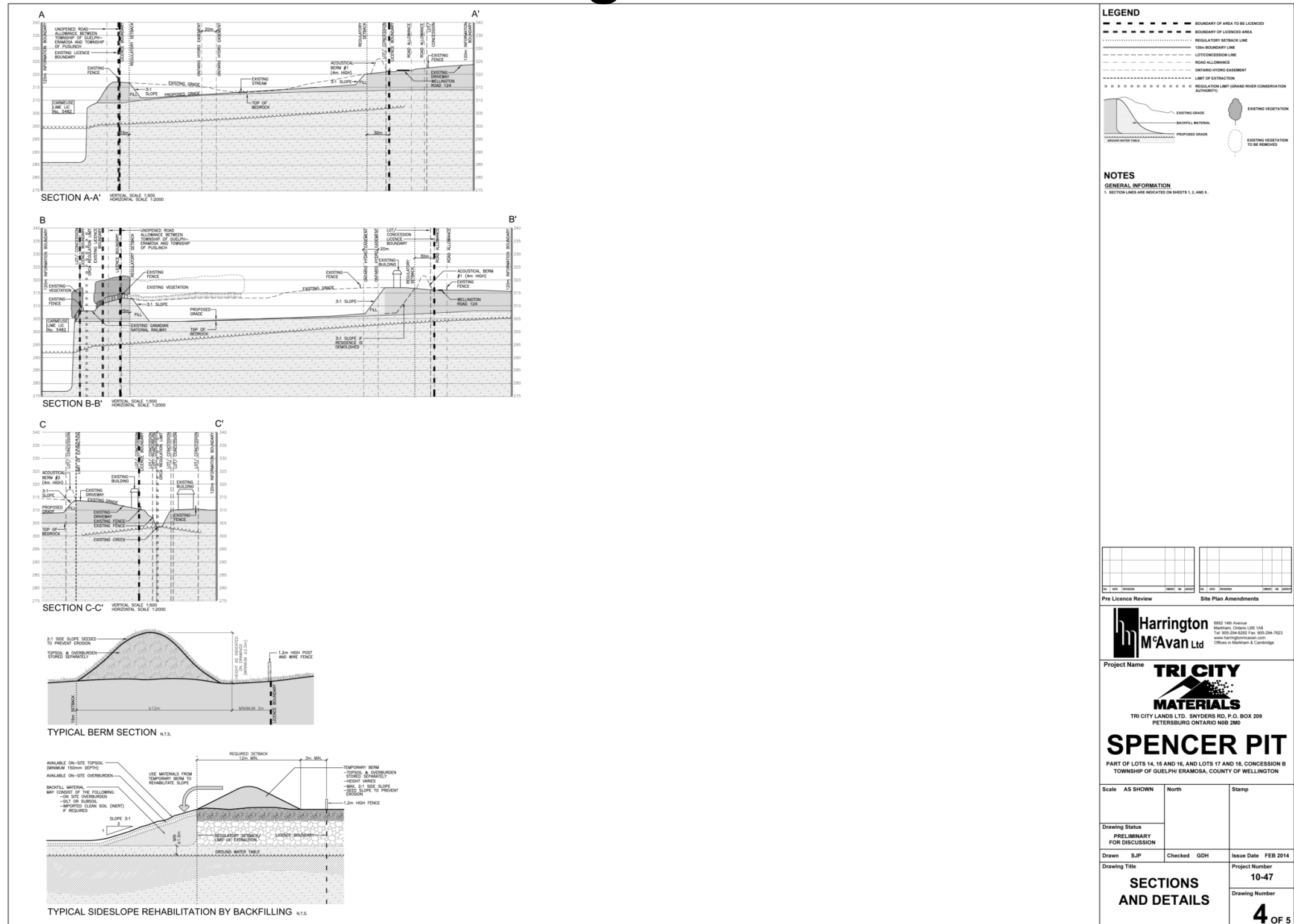
Application for Rezoning (File No. ZBA 01/14)

6939 Wellington Road 124



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NO.	DATE	REVISION	BY	CHKD	IN CHARGE

Pre Licence Review

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Project Name

TRI CITY MATERIALS
TRI CITY LANDS LTD., SNYDERS RD., P.O. BOX 209
PETERSBURG ONTARIO N0B 2M0

SPENCER PIT
PART OF LOTS 14, 15 AND 16, AND LOTS 17 AND 18, CONCESSION B
TOWNSHIP OF GUELPH/ERAMOSA, COUNTY OF WELLINGTON

Scale	AS SHOWN	North	Stamp
Drawing Status	PRELIMINARY FOR DISCUSSION		
Drawn	SJP	Checked	GDH
Drawing Title	SECTIONS AND DETAILS		
Issue Date	FEB 2014		
Project Number	10-47		
Drawing Number	4 OF 5		

FILE NAME: 1047/COMP/1047-3.DWG
DATE PLOTTED: 2014/02/10 10:11:00

Application for Rezoning (File No. ZBA 01/14)

6939 Wellington Road 124



LEGEND

- BOUNDARY OF AREA TO BE LICENCED
- BOUNDARY OF LICENCED AREA
- REGULATORY SETBACK LINE
- 125m BOUNDARY LINE
- LOT/CONCESSION LINE
- ROAD ALLOWANCE/HYDRO EASEMENT
- PROPERTY LINE
- ONTARIO HYDRO EASEMENT
- LIMIT OF EXTRACTION
- REGULATORY LIMIT (GRAND RIVER CONSERVATION AUTHORITY)

REHABILITATION NOTES

GENERAL INFORMATION

- REFER TO SHEETS 2 & 3 OF OPERATIONS AND PHASING DIAGRAMS AND NOTES AND SHEET 4 OF 5 FOR SECTIONS AND DETAILS, AND SHEET 5 OF 5 FOR FINAL REHABILITATION AND NOTES.
- PROPERTY SHALL BE REHABILITATED TO:
 - AGRICULTURE 42.45 HECTARES
 - FOR A TOTAL OF 42.45 HECTARES.

HYDROGEOLOGICAL INFORMATION

- IT IS ANTICIPATED THAT THE GROUNDWATER ELEVATION ACROSS THE SITE WILL REMAIN RELATIVELY UNCHANGED AT 228.8M TO 229.3M A.S.L. REFER TO HYDROGEOLOGICAL REPORT BY GROUNDWATER SCIENCE CORP. DATED FEBRUARY 2014.
- ALL SURFACE DRAINAGE WILL BE DIRECTED TO THE LOW AREAS REMAINING ON THE PIT FLOOR SO THAT THE WATER CAN INFILTRATE INTO THE SOILS.

SIDESLOPE/MEADOW REHABILITATION INFORMATION

GRADING INFORMATION

- REHABILITATED SLOPES WITHIN THE LICENCED AREA WILL BE CONSTRUCTED AS SHOWN ON THE CROSS SECTIONS. SLOPES SHALL BE REHABILITATED BY BACKFILLING/SPRINKING 5% AND/OR CUT AND FILL METHOD USING AVAILABLE ON-SITE OVERBURDEN AND TOPSOIL FROM WITHIN THE LICENCED AREA. TOPSOIL THAT MEETS THE REGULATION MAY BE IMPORTED TO BE USED FOR ENHANCED REHABILITATION UNDER POLICY 6.6.8.3 FOR IMPORTATION OF INERT FILL FOR THE PURPOSE OF REHABILITATION.

REFER TO DRAWING 4 OF 5, SECTIONS AND DETAILS, FOR MORE INFORMATION ON BACKFILLING AND CREATION OF REHABILITATED SIDESLOPES.

TOPSOILING INFORMATION

- ALL AVAILABLE TOPSOIL ON THE SITE WILL REMAIN TO BE USED FOR REHABILITATION OF THIS SITE. AVAILABLE TOPSOIL REPLACEMENT WILL BE MINIMUM 150mm THICK.

VEGETATION STABILIZATION INFORMATION

- TOPSOIL SHALL BE SEEDDED WITH A MIXTURE OF GRASSES AND LEGUMES THAT MAY INCLUDE THE FOLLOWING AT A RATE OF APPROXIMATELY 125 kg/m²:
 - RED CLOVER
 - WHITE CLOVER
 - BROOMCRAFT
 - TALL FESCUE
- REHABILITATING TO AGRICULTURAL FIELDS INFORMATION:
 - RED CLOVER
 - WHITE CLOVER
 - ANNUAL RYE

FINAL REHABILITATION INFORMATION

- DEEP SPRING OF FIELDS SHALL BE PERFORMED TO ELIMINATE COMPACTION (WHERE REQUIRED).
- SPEADING OF AVAILABLE SUBSOIL/OVERBURDEN AND ROUGH GRADING.
- SPEADING OF AVAILABLE TOPSOIL AND FINE GRADING.
- REMOVAL OF STONES LARGER THAN 150mm.
- SEED AREAS WITH SEED MIXTURE NOTED ABOVE. ALL VEGETATION PLANTED DURING THIS LICENSE WILL BE MAINTAINED IN A HEALTHY, VIGOROUS GROWING CONDITION.
- MAINTAIN FROM OTHER PROPERTIES (SEE MANURE AND/OR TOPSOIL) MAY BE IMPORTED INTO THE SITE FOR SOIL ENHANCEMENT USING STANDARD AGRICULTURAL PRACTICES.

FINAL REHABILITATION INFORMATION

- UPON COMPLETION OF EXTRACTION, THE SCALE, SCALE HOUSE, AND ALL SCRAP AND EQUIPMENT SHALL BE REMOVED FROM THE SITE. ALL INTERNAL HAUL ROADS SHALL BE REHABILITATED ONCE NO LONGER IN USE FOR EXTRACTION RELATED ACTIVITIES.

Pre Licence Review		Site Plan Amendments	
6802 14th Avenue Markham, Ontario L3R 1A8 Tel: 905-294-5262 Fax: 905-294-7623 www.harringtonmcan.com Offices in Markham & Cambridge			
Project Name TRI CITY MATERIALS TRI CITY LANDS LTD. SHYDERS RD. P.O. BOX 209 PETERSBURG ONTARIO N0B 2M0			
SPENCER PIT PART OF LOTS 14, 15 AND 16, AND LOTS 17 AND 18, CONCESSION B TOWNSHIP OF GUELPH/ERAMOSA, COUNTY OF WELLINGTON			
Scale 1:2000	North	Stamp	
Drawing Status PRELIMINARY FOR DISCUSSION			
Drawn SJP	Checked GDH	Issue Date FEB 2014	Project Number
Drawing Title REHABILITATION PLAN		10-47	Drawing Number
		5	OF 5