

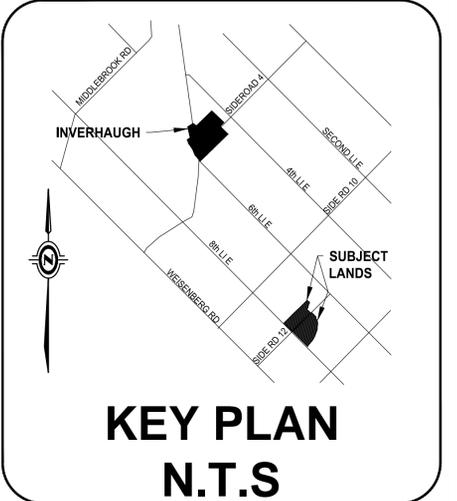
- EXISTING FEATURES**
- THIS PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS A LICENCE FOR A PIT ABOVE THE GROUND WATER TABLE.
 - THIS SITE IS AN AGRICULTURAL FIELD. THE EXISTING FARM ENTRANCES ARE SHOWN ON THIS PLAN.
 - THERE ARE NO EXISTING STOCKPILES OF SOIL OR AGGREGATE ON THE SITE.
 - THE HOUSE AND FARM BUILDINGS OR STRUCTURES ARE SHOWN ON THE PLAN.
 - THE EXISTING SURFACE WATER DRAINAGE IS SHOWN ON THIS PLAN. THERE ARE NO WATERCOURSES, PONDS OR WETLANDS ON THE SITE.
 - FUEL IS STORED AT THE FARMSTEAD AT LOT 12 (LICHTY) FOR AGRICULTURAL USE. THERE ARE NO SCRAP AREAS ON THE SITE.
 - THE SITE IS ZONED A (AGRICULTURAL) AND ENVIRONMENTAL PROTECT (EP). THE SITE IS ALSO WITHIN THE GRAND RIVER SOURCE PROTECTION AREA.
 - THE EXISTING GROUNDWATER LEVEL VARIES FROM 344 masl TO 350.7 masl.
 - AREA TO BE LICENCED = 42.7 ha.
AREA TO BE EXTRACTED = 28.4ha.
 - ALL MEASUREMENTS SHOWN ON THE SITE PLANS ARE IN METRES UNLESS OTHERWISE NOTED.

- REFERENCES**
- TOPOGRAPHIC INFORMATION PROVIDED BY STOVEL AND ASSOCIATES INC. (2022).
 - HYDROGEOLOGICAL REPORT - PROPOSED LICHTY PIT - GROUNDWATER SCIENCE CORP (JULY 2024).
 - NOISE IMPACT STUDY - PROPOSED LICHTY PIT- AERCOUSTICS ENGINEERING LTD. (NOVEMBER 7, 2024).
 - NATURAL ENVIRONMENT TECHNICAL REPORT PROVIDED BY STOVEL AND ASSOCIATES INC. (2023).
 - ARCHAEOLOGICAL STAGE 1 AND 2 REPORT PROVIDED BY LINCOLN ENVIRONMENTAL CONSULTANTS (2023).
 - TOWNSHIP OF CENTRE WELLINGTON ZONING BY-LAW SCHEDULE "A" - MAP 5 PILKINGTON (2023-09).
 - GRCA FLOOD PLAIN MAPPING. (2023).
 - GRCA WETLAND MAPPING (2026).

LICHTY PIT

5999, 6043, 8TH LINE EAST
& 7190 SIDEROAD 12
PART OF LOTS 11 & 12, CONCESSION 4 WEST
TOWNSHIP OF CENTRE WELLINGTON
TOWNSHIP OF PILKINGTON
COUNTY OF WELLINGTON

PAGE 1 OF 3 EXISTING FEATURES



LICENSEE:

James Thoume Construction Ltd.
7270 Side Road 14 Ariss, ON N0B 1B0
TEL: 519-836-2039

APPLICANT SIGNATURE: _____ DATE: _____

THIS PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS A LICENCE FOR A PIT ABOVE THE GROUND WATER TABLE.

THESE SITE PLANS HAVE BEEN PREPARED UNDER THE DIRECTION AND CERTIFIED BY A PERSON APPROVED BY THE MINISTER OF NATURAL RESOURCES.

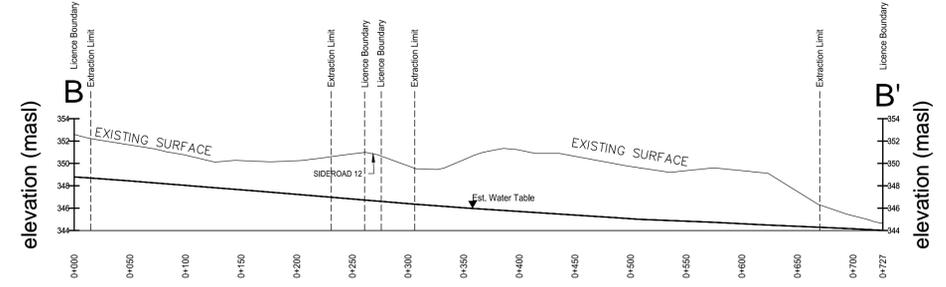
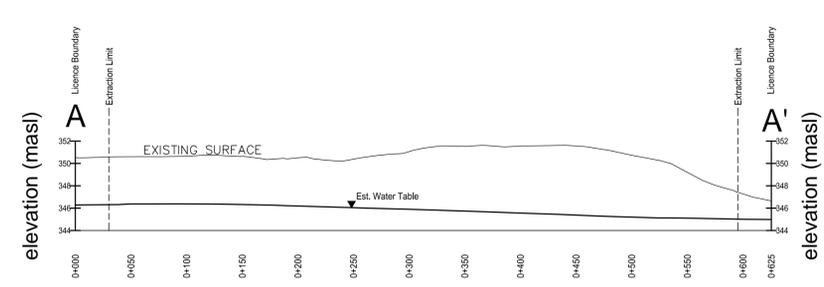
SIGNATURE: _____ Robert P. Stovel DATE: _____

APPROVED:	R.P.S.	PLOTTED: March 28, 2025	REVISION NO.:	4	REVISION DATE:	March 28, 2025
DRAWN:	S.M.S.	FILE:	SITE PLAN LICHTY-PILKINGTON-SS-11-11-2025.DWG			
1	August 9, 2024	ORIGINAL SUBMISSION				
2	August 19, 2025	REVISED PER MNR COMMENTS				
3	November 13, 2025	REVISED PER MNR COMMENTS				
4	March 26, 2026	REVISED TO INCLUDE GRCA WETLAND & ESTIMATED FLOODPLAIN				

NO.	DATE	DESCRIPTION	APP'D	APP'D DATE
AMENDMENTS				

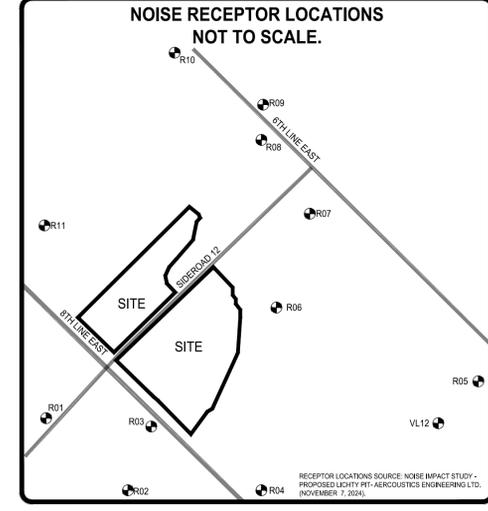
STOVEL and Associates Inc.

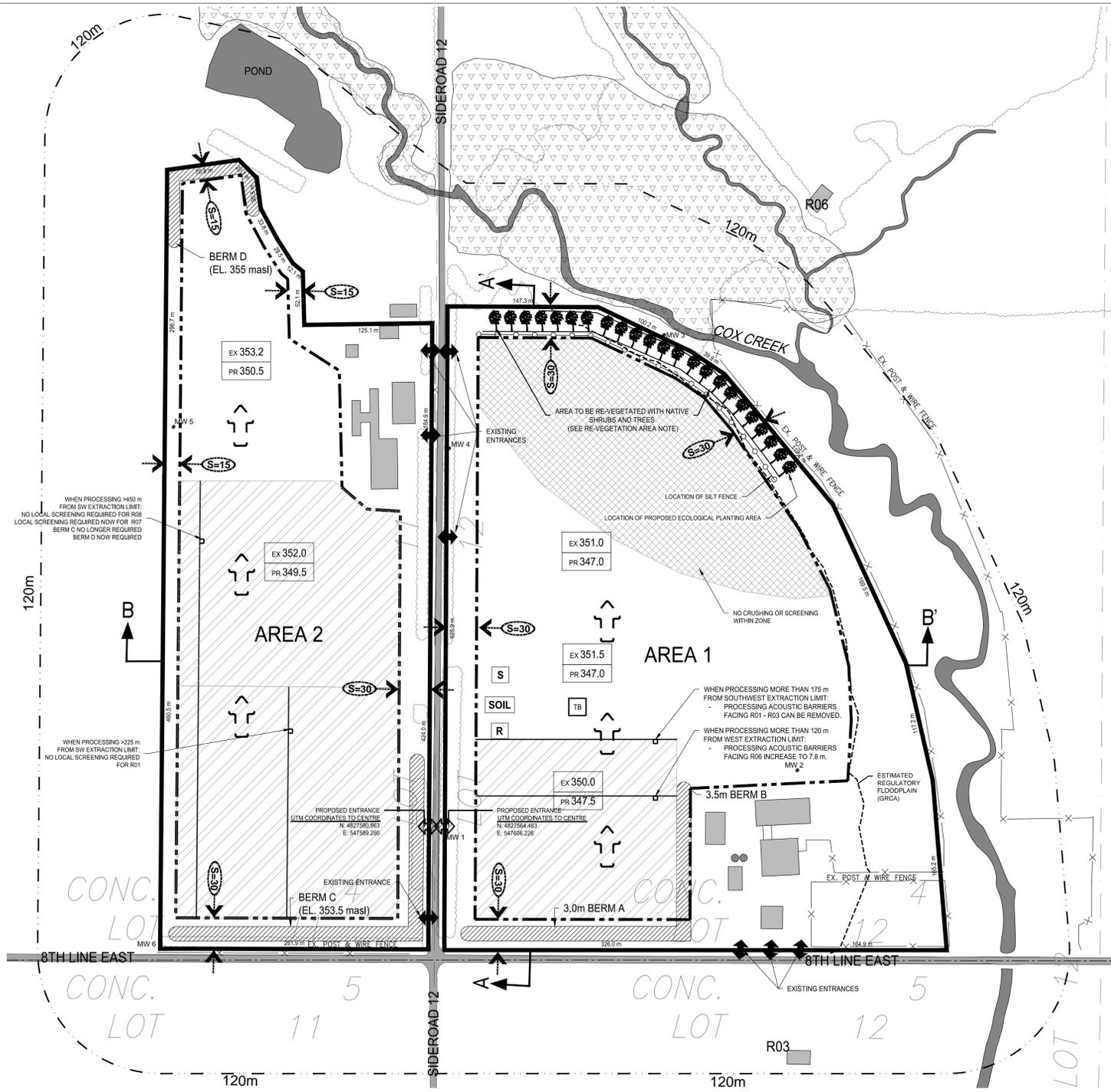
651 ORANGEVILLE RD FERGUS, ON N1M 1T5
PHONE 519-766-8042
EMAIL STOVEL.ASSOCIATES@OUTLOOK.COM



CROSS SECTION - EXISTING FEATURES
HORIZONTAL SCALE: 1:3000 VERTICAL EXAGGERATION 10x

CROSS SECTION - EXISTING FEATURES
HORIZONTAL SCALE: 1:3000 VERTICAL EXAGGERATION 10x





NOISE TECHNICAL RECOMMENDATIONS

General:

- The hours of extraction, processing, and shipping operations shall be limited to the daytime hours only (07:00 to 19:00), Monday to Friday. There will be no operations on Weekends or Statutory Holidays.
- The extraction, processing, and shipping equipment operating in the pit is limited to:
 - One Extraction Loader
 - One Shipment Loader
 - One Crusher
 - One Screener
 - 8 Highway truck trips per hour (16 passes per hour)
- The aggregate pit equipment shall satisfy the noise emission levels listed in Table A:

Equipment	Reference Sound Pressure Levels of Aggregate Pit Equipment
Extraction Loader	64
Shipment Loader	61
Crusher	78
Screener	77
Highway Truck - 20 km/h	71

1 - The shipment loaders were assumed to operate at a 50% duty cycle.

- The sound emissions of all construction equipment involved in site preparation and rehabilitation activities shall comply with the sound level limits specified in the MECF publication MPC-115 "Construction Equipment".
- New equipment technology or different configurations may allow proposed changes to any portion of the extraction and processing operations including additional equipment to operate on the site, equipment to be substituted, and/or different berm heights, while still meeting the applicable sound level limits. Changes may be permitted to the site operations and noise controls provided that the changes still meet the sound level limits, as confirmed through documentation prepared by a Professional Engineer specializing in noise control. Prior to any modification, the licensee shall confirm with MNR whether a site plan amendment is required to permit those proposed changes.

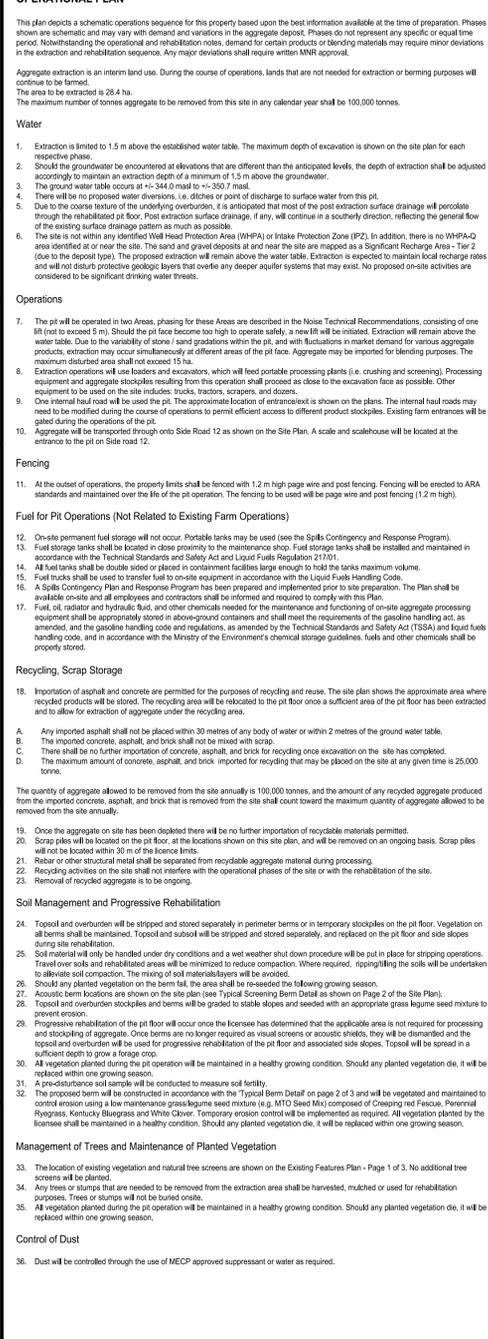
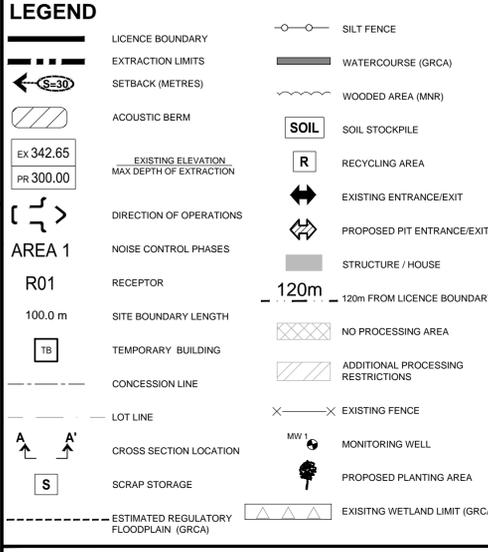
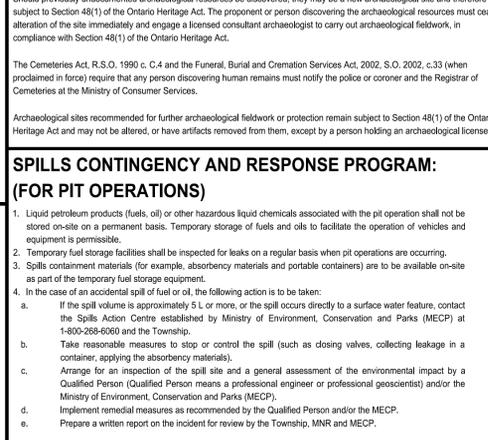
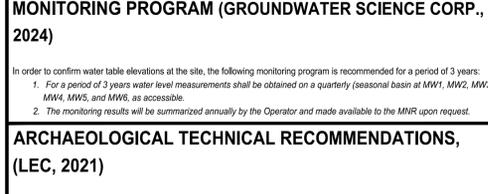
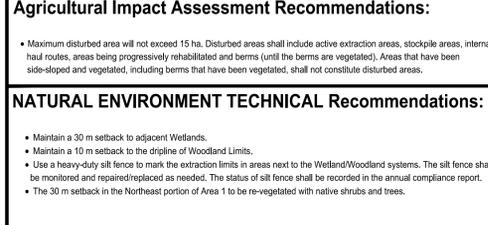
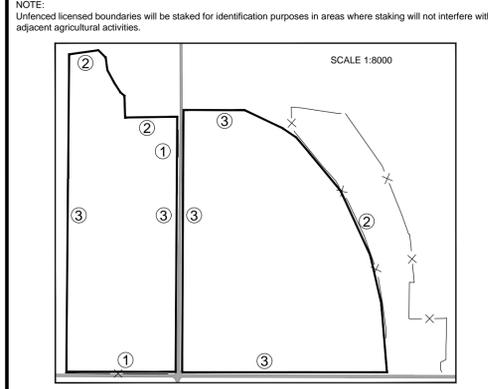
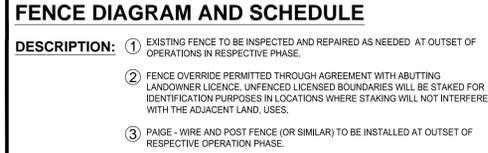
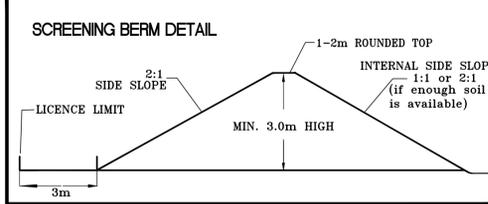
Table A: Reference Sound Pressure Levels of Aggregate Pit Equipment

Processing Equipment Distance from SW Extraction Limit - Area 1	Local Shielding for R01 - R03	Local Shielding for R06
< 120 m	5.2 m	5.2 m
120 m - 175 m	5.2 m	7.8 m
> 175 m	None	7.8 m

Receptors for Local Shielding

Processing Equipment Distance from SW Extraction Limit - Area 2	R01	R06	R07 & R08	R11
< 225 m	5.2 m	5.2 m	None	5.2 m
225 m - 450 m	None	5.2 m	None	5.2 m
> 450 m	None	5.2 m	5.2 m	None

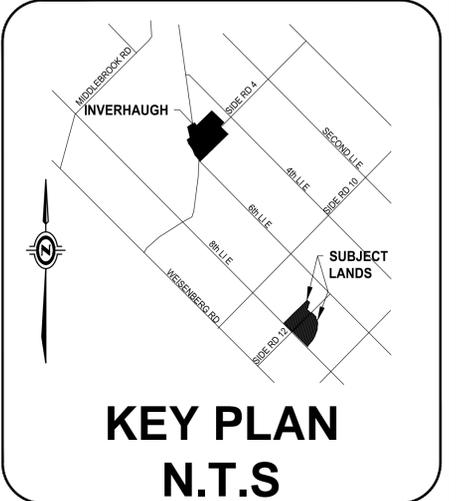
Prior to extraction in Area 2 more than 450 m from the southwest extraction limit, an acoustic barrier with a minimum top-of-barricade elevation of 355 MASL shall be established extending 70 m southwest and 100 m southeast from the northern corner of Area 2, as shown (Berm D) on the Operation Plan. This barrier shall remain in place for the duration of processing in Area 2. Please don't hesitate to contact us if you have any questions about the above. Receptor locations are shown on Page 1 - Existing Features (see Noise Receptor Location Figure).



LICHTY PIT

5999, 6043, 8TH LINE EAST
& 7190 SIDE ROAD 12
PART OF LOTS 11 & 12, CONCESSION 4 WEST
TOWNSHIP OF CENTRE WELLINGTON
TOWNSHIP OF PILKINGTON
COUNTY OF WELLINGTON

PAGE 2 OF 3 OPERATIONS PLAN



LICENSEE:

THOME CONSTRUCTION LTD.

James Thome Construction Ltd.
7270 Side Road 14 Ariss, ON N0B 1B0
TEL: 519-836-2039

APPLICANT SIGNATURE: _____ DATE: _____

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SIGNATURE: _____ Robert P. Stovel DATE: _____

APPROVED: R.P.S. PLOTTED: March 28, 2026 REVISION NO.: 4 | REVISION DATE: March 28, 2026
 DRAWN: S.M.S. FILE: (SITE PLAN) LICHTY-PIT-KINGSTON-SS-11-11-2025.DWG

NO.	DATE	DESCRIPTION	APP'D	APP'D DATE
1	August 9, 2024	ORIGINAL SUBMISSION		
2	August 19, 2025	REVISED PER MNR COMMENTS		
3	November 13, 2025	REVISED PER MNR COMMENTS		
4	March 28, 2026	REVISED TO INCLUDE GRCA WETLANDS & ESTIMATED FLOODPLAIN		

AMENDMENTS

1. The location of existing vegetation and natural tree screens are shown on the Existing Features Plan - Page 1 of 3. No additional tree screens will be planted.

2. Any trees or stumps that need to be removed from the extraction area shall be harvested, mulched or used for rehabilitation purposes. Trees or stumps will not be buried onsite.

3. All vegetation planned during the pit operation will be maintained in a healthy growing condition. Should any planned vegetation die, it will be replaced within one growing season.

Control of Dust

- Dust will be controlled through the use of MECP approved suppressant or water as required.

STOVEL and Associates Inc. 651 ORANGEVILLE RD FERGUS, ON N1M 1T5
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