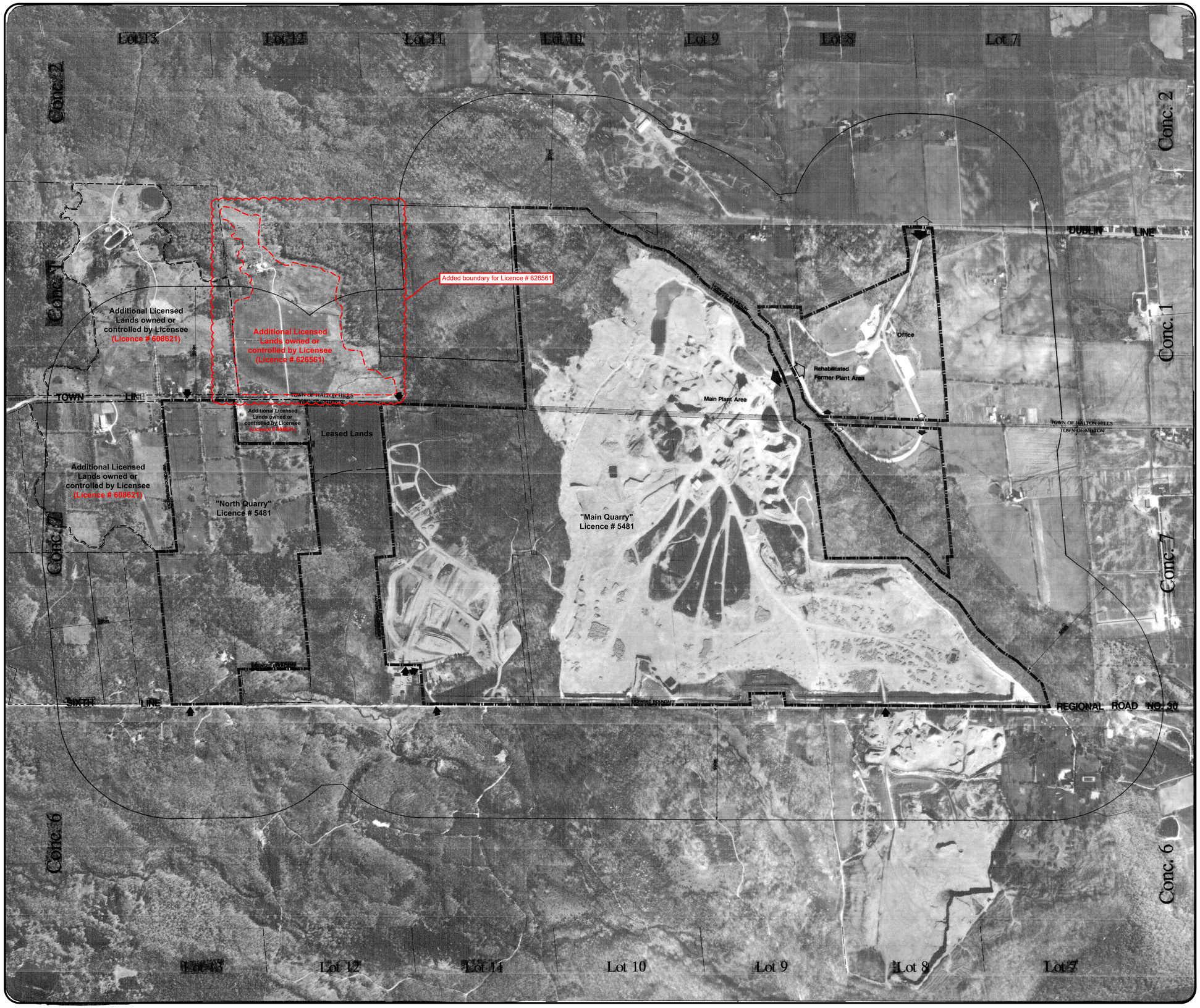


Site Environs

Legend

- Licensed Boundary
- Other Licensed Lands — LICENSED LANDS OWNED AND CONTROLLED BY DUFFERIN AGGREGATES ~~UNDER SEPARATE APPLICATION~~
- Property Boundary
- Property/Service Entrance
- Entrance/Exit — ASSOCIATED WITH AGGREGATE OPERATIONS
- Leased Lands — LANDS LEASED FROM THE REGION OF HALTON IN CONJUNCTION WITH THE TRANSPORTATION FACILITY AS SHOWN ON PAGE 2 OF 5.

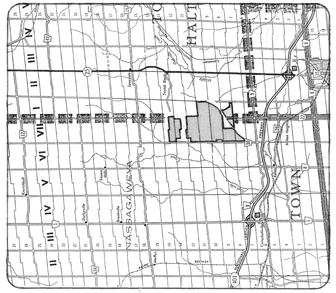
DRAWING INDEX

1 of 5 Site Environs
2 of 5 Exisitng Features
3 of 5 Operational Plan
4 of 5 Progressive Rehabilitation & Final Rehabilitation Plan
5 of 5 Cross Sections

This Site Plan is prepared for submission to the Ministry of Natural Resources in accordance with Sec. 69 under the Aggregate Resources Act and Regulations and replaces the site plan originally submitted as part of the licence application under the Pits and Quarries Control Act and Regulations.

Aerial Photography provided by Northway Map Technology. Date of flight Oct. 1990 for active quarry and May 1987 for northern licensed portion. Flight scale 1:20,000.

Site conditions reflected on aerial photograph may vary from present conditions. Please refer to Existing Features page 2 of 5 for current conditions.



Key Plan

SUBJECT PROPERTY

SCALE 1:100,000

SOURCE: MTO MONOCHROME MAP SERIES

SCALE 1:5000

DRAFT

Replacement A.R.A. Site Plans Approved December 16, 1993

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET KITCHENER, ONTARIO, N2G 4X2 E.P. (519) 576-3650 F. (519) 576-0121 E. WWW.MHBCPLAN.COM

Submitted in accordance with the Aggregates Resources Act Section 69 Dated: SEPT. 30,1991
MHBC Planning Limited draft revisions Dated: NOV. 17,1992 JAN.18,1993 MAR. 21, 1994 JULY 1, 1994

SITE PLAN AMENDMENTS	
DATE	DESCRIPTION
MAR. 07,2000	CLARIFICATION OF AND ADDITIONAL BUILDINGS ON PLAN, REV. BUILDING LIST
MAR. 01,2002	PROCEEDING TITLE BLOCK INFO (I.E. NAME OF PROPERTY)
JAN. 24, 2007	UPDATE TO REFLECT CURRENT MNR INTEGRATED OPERATIONS & REHABILITATION
Feb 08, 2011	AGGREGATE RECYCLING
JANUARY 2014	INTEGRATE LICENCE # 626561

PROJECT NAME:

MILTON QUARRY Licence No. 5481

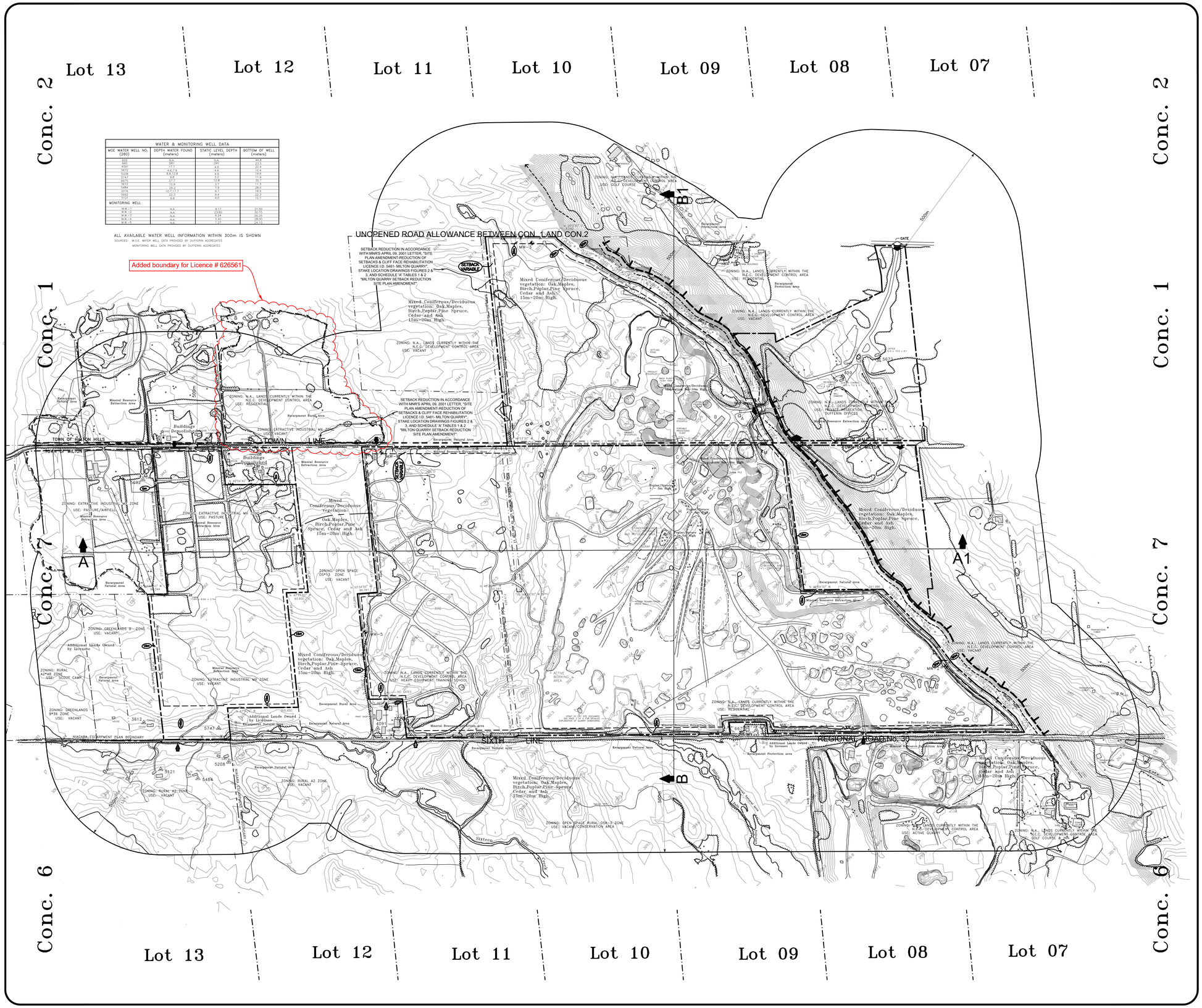
Job No.	9061A DUFF HALT MILT	
Dwn. By	G.H./C.P.	Chkd. By ~~G.H./J.P.~~ C.P.

LOT 10, PART LOTS 7,8,9,11,12 and 13
CONCESSION 7
TOWN OF MILTON
PART LOTS 8,9 and 10
CONCESSION 1
TOWN OF HALTON HILLS
REGIONAL MUNICIPALITY OF HALTON

Dufferin Aggregates
A CRH COMPANY

Dufferin Aggregates

A Division of ~~St. Lawrence Cement~~ CRH Canada Group Inc.
2300 Steeles Avenue W., ~~Suite 400~~ 4th Floor
Concord, Ontario L4K 5X6



WATER & MONITORING WELL DATA			
MOE WATER WELL NO. (280)	DEPTH WATER FOUND (meters)	STATIC LEVEL DEPTH (meters)	BOTTOM OF WELL (meters)
200	N.A.	N.A.	44.8
4001	17.1	4.6	20.4
5672	4.8,7.9	4.6	12.8
5208	8.8,12.8	4.9	14.6
5209	9.4	4.9	15.2
4675	2.7	12.8	15.1
5612	15.9	3.7	17.3
5484	26.2	7.9	28.0
2076	13.7,17.7	6.1	18.9
5121	22.3	4.9	23.1
5122	9.8	6.5	10.7
MONITORING WELL			
MW-1	N.A.	3.12	31.50
MW-2	N.A.	4.06	30.00
MW-3	N.A.	2.90	30.00
MW-4	N.A.	5.42	28.00
MW-5	N.A.	1.97	24.10

ALL AVAILABLE WATER WELL INFORMATION WITHIN 300m IS SHOWN

SOURCES: M.O.E. WATER WELL DATA PROVIDED BY DUFFERIN AGGREGATES
MONITORING WELL DATA PROVIDED BY DUFFERIN AGGREGATES

Existing Features

Legend

- Licensed Boundary
- Property Boundary
- Monitoring Well — MW-1 — TROW,DAMES AND MOORE 1990
- Water Well — 660 — ALL LOCATIONS ARE APPROXIMATE ONLY
- Building/Structure — INDEX OF ON-SITE BUILDINGS
- Sections — FOR CROSS SECTIONS SEE PAGE 5 OF 5
- Niagara Escarpment Plan Designations — Mineral Reso / Encarpment
- Natural Edge of Niagara Escarpment — AS IDENTIFIED BY INSTRUMENT NO. 216668 (SEE NOTE 1 BELOW)
- Leased Lands — LANDS LEASED FROM THE REGION OF HALTON IN CONJUNCTION WITH THE TRANSPORTATION FACILITY AS SHOWN ON PAGE 2 OF 5.
- Limit of Extraction — AND SETBACK DIMENSION
- Other Licensed Lands — LICENSED LANDS OWNED AND CONTROLLED BY DUFFERIN AGGREGATES ~~UNDER SEPARATE APPLICATION~~
- Surface Drainage — INDICATES DIRECTION OF FLOW
- Elevation,Contour — 100
- Existing Fence — POST AND WIRE,MIN. 1.2m HIGH
- Existing Vegetation
- Existing Spot Elevation — 384.7
- Entrance/Exit — ASSOCIATED WITH AGGREGATE OPERATIONS NOT MAINTAINED AND REGULATED BY A GATE WHICH WILL BE LOCKED AT ALL TIMES THE QUARRY IS NOT IN OPERATION, UNLESS OTHERWISE NOTED ON THIS PLAN.
- Hydro Pole Line
- Property/Service Entrance — MAINTAINED AND REGULATED BY A GATE WHICH WILL BE LOCKED AT ALL TIMES THE QUARRY IS NOT IN OPERATION, UNLESS OTHERWISE NOTED ON THIS PLAN.

DESCRIPTION	L	x W	x H
A. OFFICE/DISPATCH STATION	9.6m	8.5m	6.1m
B. CLASSIFICATION PLANT	43.2m	19.3m	40.8m
C. SECONDARY CRUSHER/STORAGE SILO	44.0m	18.7m	31.2m
D. MILLRIGHT OFFICE/SHOP	17.8m	10.9m	6.1m
E. STORAGE SHED	13.6m	10.6m	7.6m
F. STORAGE SHED	18.0m	10.8m	6.1m
G. PRIMARY CRUSHER	21.2m	14.5m	15.2m
H. SHOP	38.5m	30.0m	9.1m
I. HOUSE	7.6m	6.5m	2.4m
J. HOUSE	8.1m	6.5m	2.5m
K. EXPLOSIVES MAGAZINE	11.8m	5.0m	2.4m
L. PUMP HOUSE/WEATHER STN.	14.0m	6.0m	2.4m
M. ABANDONED SHED	10.0m	5.0m	1 STOREY

Notes:

1. TOPOGRAPHIC INFORMATION PROVIDED BY NORTHWAY MAP TECHNOLOGY LIMITED. CONTOURS WERE DERIVED FROM OCT. 1990 AERIAL PHOTOGRAPHY FOR THE ACTIVE QUARRY AREA AND MAY 1987 AERIAL PHOTOGRAPHY FOR THE NORTHERN LICENSED PORTION. CONTOUR INTERVAL IS 2.0m. CONTOUR INTERVALS FOR DENSELY TREED AREAS (ie) ALONG THE EDGE OF THE NIAGARA ESCARPMENT WERE INTERPOLATED USING A "DIGITAL TERRAIN MODELING" PROGRAM AND ARE APPROXIMATE ONLY. THE LOCATION OF THE ACTUAL ESCARPMENT EDGE IS NOT DEFINABLE BASED ON THIS CONTOUR MANUSCRIPT. THE ESCARPMENT EDGE SHOWN IS BASED ON TITLE DOCUMENTS (INSTRUMENT NO. 21668) AND CONFIRMED BY ON SITE VERIFICATION.
2. NIAGARA ESCARPMENT PLAN (N.E.P.) DESIGNATIONS OBTAINED FROM NIAGARA ESCARPMENT MAP 3 1985, ZONING INFORMATION OBTAINED FROM THE CORPORATION OF THE TOWN OF MILTON ZONING BY-LAW NO. 144-2003
3. LAND USE INFORMATION IDENTIFIED BY AERIAL PHOTOGRAPHY AND CONFIRMED BY SITE INSPECTION FALL 1991.
4. BOUNDARY INFORMATION OBTAINED FROM COMPILED PLAN PREPARED BY MARSHALL MACKLIN MONAGHAN LIMITED DATED FEB. 25,1976 AND EXISTING SITE PLANS PREPARED BY MARSHALL MACKLIN MONAGHAN LIMITED DATED JUNE 13,1972 AND INSTRUMENT NO. 216668 DATED APRIL 01,1966. THE SOUTHERLY SITE BOUNDARY ADJACENT TO THE EDGE OF THE NIAGARA ESCARPMENT ESTABLISHED BY INST.NO.216668 REPRESENTS THE PROPERTY BOUNDARY BETWEEN DUFFERIN AGGREGATES AND THE HALTON RCGION CONSERVATION AUTHORITY AND CORRESPONDS TO A 60m (200') SETBACK FROM THE ESCARPMENT EDGE. THE SETBACK FOR EXTRACTION ALONG THIS BOUNDARY IS 30m. THIS RESULTS IN A TOTAL SETBACK OF 90m (300') FROM THE EDGE OF THE NIAGARA ESCARPMENT. LICENSED BOUNDARY INFORMATION AND SETBACK DISTANCES ALONG THE ESCARPMENT WERE CONFIRMED BY ON SITE VERIFICATION NOV. 21,1991.
5. LICENSED AREA: 467.67 ha.
   EXTRACTION AREA: 381.50 ha.
   EXISTING DISTURBED AREA: 147.92 ha. Source: MNR file data dated, December 21,1991
6. DUFFERIN AGGREGATES IS OPERATING UNDER A LEASE ARRANGEMENT WITH THE MUNICIPALITIES OF MILTON AND HALTON HILLS ALLOWING FOR THE OPERATION OF A QUARRY WITHIN THE UNOPENED PORTION OF TOWN LINE ROAD ALLOWANCE WITHIN DUFFERIN'S LICENSED BOUNDARY.

SCALE 1:5000

NORTH

DRAFT

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET BARRIE, ON L4M 1H2 P 705 728 0045 F 705 728 2010 | WWW.MHBCPLAN.COM

Submitted in accordance with the Aggregates Resources Act Section 69 Regulation 244/97
MHBC Planning Limited draft revisions
Dated:...NOV. 17,1992 ...JAN.18,1993
...MAY 21,1993 ...SEPT. 30,1993

SITE PLAN AMENDMENTS	
DATE	DESCRIPTION
MAR. 07,2000	CLARIFICATION OF AND ADDITIONAL INFORMATION REGARDING SETBACK REDUCTION, SITE PLAN AND DE-LISTING AND CONSULTANT
MAR. 01,2004	ADDITIONAL LANDS, ADDITIONAL INFORMATION, LANDS REMOVAL AND INTEGRATED OPERATIONS & REHABILITATION
Jan. 29, 2007	AGGREGATE RECYCLING
Feb 06, 2011	AGGREGATE RECYCLING
JANUARY 2024	INTEGRATE LICENCE # 626561

PROJECT NAME:

MILTON QUARRY Licence No. 5481

Job No.	9061A DUFF HALT MILT
Dwn. By	C.H./C.P.
Chkd. By	~~G.H./J.P.~~ C.P.

LOT 10, PART LOTS 7,8,9,11,12 and 13
CONCESSION 7
TOWN OF MILTON
PART LOTS 8,9 and 10
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TOWN OF HALTON HILLS
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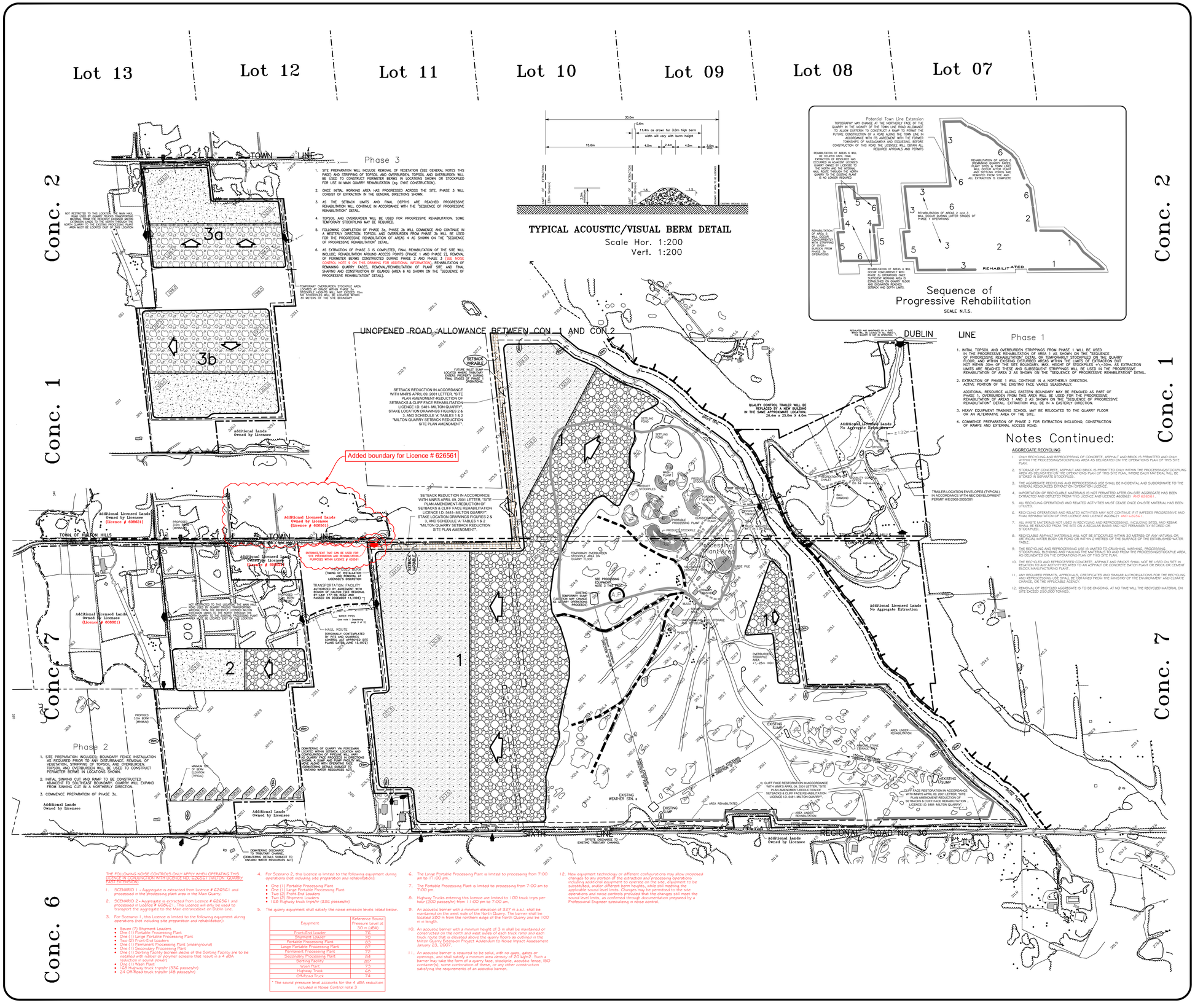

THE FOLLOWING NOISE CONTROLS ONLY APPLY WHEN OPERATING THIS PHASE IN CONJUNCTION WITH LICENCE NO. 626561 (MILTON QUARRY EAST EXTENSION)

1. SCENARIO 1 - Aggregate is extracted from Licence # 626561 and processed in the processing plant area in the Main Quarry.
2. SCENARIO 2 - Aggregate is extracted from Licence # 626561 and processed in Licence # 606621. This Licence will only be used to transport the aggregate to the Main entrance/exit on Dublin Line.
3. For Scenario 1, this Licence is limited to the following equipment during operations (not including site preparation and rehabilitation):
   - Seven (7) Shipment Loaders
   - One (1) Portable Processing Plant
   - One (1) Large Portable Processing Plant
   - One (2) Front-End Loaders
   - One (1) Permanent Processing Plant (underground)
   - One (1) Secondary Processing Plant
   - One (1) Sorting Facility (screen decks of the Sorting Facility are to be installed with rubber or polymer screens that result in a 4 dBA reduction in sound power)
   - One (1) Wash Plant
   - 160 Highway truck trips/hr (336 passes/hr)
   - 24 Off/Road truck trips/hr (48 passes/hr)
4. For Scenario 2, this Licence is limited to the following equipment during operations (not including site preparation and rehabilitation):
   - One (1) Portable Processing Plant
   - One (1) Large Portable Processing Plant
   - Two (2) Front-End Loaders
   - Two (2) Shipment Loaders
   - 160 Highway truck trips/hr (336 passes/hr)
5. The quarry equipment shall satisfy the noise emission levels listed below.

Equipment	Reference Sound Pressure Level at 30 m (dBA)
Front-End Loader	76
Shipment Loader	70
Portable Processing Plant	83
Large Portable Processing Plant	87
Permanent Processing Plant	72
Secondary Processing Plant	84
Sorting Facility	70*
Wash Plant	73
Highway Truck	68
Off-Road Truck	74

* The sound pressure level accounts for the 4 dBA reduction included in Noise Control note 3

6. The Large Portable Processing Plant is limited to processing from 7:00 am to 11:00 pm.
7. The Portable Processing Plant is limited to processing from 7:00 am to 7:00 pm.
8. Highway Trucks entering this licence are limited to 100 truck trips per hour (200 passes/hr) from 11:00 pm to 7:00 am
9. An acoustic barrier with a minimum elevation of 327 m a.s.l. shall be maintained on the west side of the North Quarry. The barrier shall be located 200 m from the northern edge of the North Quarry and be 100 m in length.
10. An acoustic barrier with a minimum height of 3 m shall be maintained or constructed on the north and west sides of each truck ramp and each truck route that is elevated above the quarry floors as outlined in the Milton Quarry Extension Project Addendum to Noise Impact Assessment January 23, 2007.
11. An acoustic barrier is required to be solid, with no gaps, gates or openings, and shall satisfy a minimum area density of 20 kg/m2. Such a barrier may take the form of a quarry face, stockpile, acoustic fence, ISO container(s), some combination of these, or any other construction satisfying the requirements of an acoustic barrier.
12. 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.

Operational Plan 3 of 5

Legend

- Licensed Boundary
- Entrance/Exit — ASSOCIATED WITH AGGREGATE OPERATIONS
- Existing Spot Elevation
- Proposed Spot Elevation
- Main Internal Haul Routes
- Stripping
- Proposed Berm
- Existing Fence — POST AND WIRE, MINIMUM 1.2m HIGH
- Asphalt Plant
- Trailer Location Envelopes
- Limit of Extraction — WITH SETBACK DIMENSION
- Direction of Excavation
- Other Licensed Lands — LICENSED LANDS OWNED AND CONTROLLED BY DUFFERIN AGGREGATES UNDER SEPARATE APPLICATION
- Excavation Face
- Extraction
- Property Boundary
- Proposed Fence — POST AND WIRE, MINIMUM 1.2m HIGH
- Property/Service Entrance — UNLESS OTHERWISE NOTED ALL ENTRANCES WILL BE MAINTAINED AND REGULATED BY A GATE WHICH WILL BE LOCKED AT ALL TIMES THE QUARRY IS NOT IN OPERATION.
- Processing/Stockpile Area

Notes:

GENERAL SEQUENCES AND PROGRESSIVE REHABILITATION

1. AREAS OF STRIPPING, EXTRACTION AND "SEQUENCE OF PROGRESSIVE REHABILITATION" AREA SCHEMATIC AND ARE INTENDED TO SHOW THE GENERAL DIRECTION AND PHASING OF OPERATIONS ON THE SITE. SPECIFIC PHASE BOUNDARIES MAY VARY DEPENDING ON RESOURCE AND MARKET CONSIDERATIONS.
2. REHABILITATION WILL BE PROGRESSIVE AS SETBACK AND DEPTH LIMITS ARE REACHED. THE "SEQUENCE OF PROGRESSIVE REHABILITATION"DETAILS THIS GENERAL SEQUENCE OF REHABILITATION IN RELATION TO THE OPERATIONAL PHASES. REHABILITATION WILL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON PLAN 4 OF 5 AND PAGE 5 OF 5.
3. THE RESOURCE TO BE EXTRACTED CONSISTS OF THE DOLOSTONE BEDROCK FORMATIONS. OVER THE MAJORITY OF THE SITE THESE FORMATIONS WILL BE EXTRACTED IN ONE (1) LIFT WITH A HEIGHT VARYING FROM 15 TO 25 METRES. PHASE 3a MAY REQUIRE EXTRACTION TO PROCEED IN TWO (2) LIFTS GIVEN THE RESOURCE DEPTHS IN THIS AREA OF THE SITE.
4. SITE PREPARATIONS INCLUDING THE REMOVAL OF VEGETATION, BUILDING/FACILITY REMOVAL OR RELOCATION, FENCE REMOVAL, BOUNDARY FENCE INSTALLATIONS AND STRIPPING WILL OCCUR IN ADVANCE OF ACTUAL EXTRACTION. TIMBER RESOURCES WILL BE USED FOR SAW LOGS, FENCE POSTS AND FUEL LOGS AS APPROPRIATE.
5. WHERE THERE IS A DISTINGUISHABLE LAYER OF TOPSOIL IT WILL BE STRIPPED, STORED AND REPLACED SEPARATELY FROM OVERBURDEN. TOPSOIL AND OVERBURDEN MATERIALS MAY BE MOVED BETWEEN THIS ~~SITE AND THE RECENTLY LICENSED MILTON EXTENSION LANDS~~ LICENCE AND LICENCE # 626621 AND 626561. (see Variations to Operational Standards)
6. PROPOSED BERMS WILL BE CONSTRUCTED IN ACCORDANCE WITH THE "TYPICAL ACOUSTIC/VISUAL BERM DETAIL" (THIS PAGE). ALL PERIMETER BERMS WILL BE VEGETATED WITH A GRASS/LEGUME MIXTURE AND MAINTAINED TO CONTROL EROSION.
7. AGGREGATE EXTRACTED FROM LICENCE # 626621 AND 626561 MAY BE TRANSPORTED TO THE MAIN PROCESSING PLANT AREA WITHIN THIS LICENCE FOR PROCESSING AND SHIPPING.

DEWATERING

1. EXISTING/PROS DEWATERING FACILITIES ARE GENERALLY SHOWN ON THIS PAGE. THE WATER MANAGEMENT SYSTEMS WILL CHANGE OVER THE LIFE OF THE OPERATIONS AS THE WETLAND, LAKE AND RESERVOIR FEATURES SHOWN ON PAGE 4 OF 5 ARE DEVELOPED. WATER IS COLLECTED IN THE QUARRY (SUMPS) AND DIRECTED TO THESE WATER FEATURES. WATER WILL BE DISTRIBUTED BY GRAVITY FLOW AND PUMPING STATIONS THROUGH CHANNELS AND WATERMAINS LOCATED IN THE LICENSED QUARRY SUBJECT TO THE REQUIRED IMPLEMENTING PERMITS (ONTARIO WATER RESOURCES ACT, LAKES AND RIVERS IMPROVEMENT ACT). THE WATER WILL BE UTILIZED FOR SOME OR ALL OF THE FOLLOWING PURPOSES:

a. DISCHARGE OF WATER TO ADJACENT TRIBUTARY;
b. MITIGATION FOR PROTECTION OF OFFSITE WATER RESOURCES FEATURES UTILIZING GROUNDWATER RECHARGE PONDS/TRENCHES AND/OR RECHARGE WELLS
c. QUARRY OPERATIONS (E.G. AGGREGATE WASHING AND DUST CONTROL);
d. WATER REQUIRED FOR FILLING AND MAINTAINING THE WATER LEVELS IN THE REHABILITATED AREAS INCLUDING LAKES, RESERVOIRS, WETLANDS AND;
e. AFFOREST REQUIREMENTS.

2. MONITORING WELL LOCATIONS ARE SHOWN ON PAGE 2 OF 5. THE CURRENT MONITORING PROGRAM INCLUDES: (i) MONTHLY WATER LEVEL READINGS (ii) WATER QUANTITY AND QUALITY TESTING FOR THE PUMPED DISCHARGE AT THE OUTLET ON THE WEST SIDE OF THE QUARRY AND (iv) PERIODIC TESTING OF THE INTERCEPTED TRIBUTARY AT THE POINT WHERE IT ENTERS THE ACTIVE QUARRY AREA. WATER QUALITY AND WATER QUANTITY MONITORING IS BEING CONDUCTED IN ACCORDANCE WITH OWRA AND LRIA AGREEMENTS WITH CONSERVATION HALTON.

MISCELLANEOUS

SCRAP WILL BE TEMPORARILY STORED IN THE DESIGNATED AREAS (VICINITY OF MAIN SHOP). SCRAP WILL BE REMOVED FROM THE SITE ON AN ONGOING BASIS. EQUIPMENT STORAGE WILL BE PERMITTED ON THE QUARRY FLOOR AND IN THE NORTHWEST CORNER OF THE MAIN QUARRY BUT NOT WITHIN 30 METRES OF THE SITE BOUNDARY.

2. PERMANENT FUEL STORAGE AND REFUELING WILL TAKE PLACE IN DESIGNATED AREA AS SHOWN ON THIS PLAN

3. ALL EXISTING BUILDINGS SHOWN ARE DRAWN TO SCALE AND CAN BE REFERENCED IN A TABLE ON PAGE 2 OF 5. A MAXIMUM OF (2) ADDITIONAL PORTABLE TRAILERS WILL BE LOCATED ON THE QUARRY FLOOR, ADJACENT TO THE EXISTING OFFICE AND ADJACENT TO THE RECREATIONAL CHALET AND QUALITY CONTROL OFFICE WITHIN THE TRAILER LOCATION ENVELOPES" AS SHOWN BUT NOT WITHIN 30 METRES OF THE SITE BOUNDARY. THE EXISTING QUALITY CONTROL TRAILER WILL BE REPLACED BY A PORTABLE BUILDING IN THE SAME APPROXIMATE LOCATION AS SHOWN.

PROCESSING EQUIPMENT

1. THE MAIN PLANT (CONSISTING OF PRIMARY AND SECONDARY CRUSHERS,CLASSIFICATION PLANT,CONVEYOR SYSTEMS, AND STOCKPILES) IS EXPECTED TO REMAIN IN ITS CURRENT LOCATION THROUGHOUT THE LIFE OF THE LICENSED SITE. PRODUCT STOCKPILES WILL BE LOCATED IN THE VICINITY OF THE MAIN PLANT AND WILL NOT EXCEED A HEIGHT OF APPROXIMATELY 30 METRES.

2. THE MAIN WASH PLANT IS ALSO EXPECTED TO REMAIN IN ITS CURRENT LOCATION THROUGHOUT THE LIFE OF THE LICENSED SITE. SETTLING POND LOCATIONS AND CONFIGURATION MAY VARY AS EXTRACTION OF PHASE 1 CONTINUES. SETTLING PONDS WILL BE EXPANDED NORTHWARD WITH THE PROGRESSION OF EXTRACTION. SETTLING POND FINES ARE REMOVED ON AN ANNUAL BASIS AND USED IN THE PROGRESSIVE REHABILITATION OF QUARRY FACES. WATER FOR THE WASH PLANT IS CIRCULATED IN A CLOSED SYSTEM.

3. ADDITIONAL PROCESSING ONSITE MAY INCLUDE PORTABLE PROCESSING EQUIPMENT (CRUSHING, SCREENING, WASHING PLANTS) WHICH WILL BE LOCATED ON THE QUARRY FLOOR AS REQUIRED. AN ASPHALT PLANT MAY ALSO BE LOCATED ON THE QUARRY FLOOR IN THE APPROXIMATE LOCATION INDICATED ON PLAN

Variations to Operational Standards:

AS PROVIDED BY SEC. 1.2.25 THE FOLLOWING OPERATIONAL STANDARDS HAVE BEEN VARIED:

O.S. 5.1 NO FENCING WILL BE REQUIRED ON THE LICENSED BOUNDARY ABUTTING THE FORMER SHERIDAN COLLEGE PROPERTY-INSTEAD, A FENCE WILL BE MAINTAINED AROUND THE PERIMETER OF THIS PROPERTY.

O.S. 5.2 NORTH QUARRY (PHASES 2 & 3) FENCING WILL BE AS SHOWN. FENCING REQUIREMENTS WILL BE WAIVED FOR ALL COMMON BOUNDARIES WITH THE ~~RECENTLY LICENSED~~ MILTON EXTENSION LANDS OWNED BY LICENSEE AND COMMON BOUNDARIES WITH ADJACENT NON LICENSED LANDS OWNED OR CONTROLLED BY LICENSEE. THE LICENSED BOUNDARY WILL BE MARKEDFLAGGED ON SITE.

O.S. 5.3 FENCING WILL NOT BE REQUIRED ALONG THE LICENSED BOUNDARIES BELOW THE NATURAL EDGE OF THE ESCARPMENT. NO EXTRACTION WILL OCCUR IN THESE AREAS.

O.S. 5.3.2 GATE REQUIREMENTS WILL BE WAIVED FOR ALL EXISTING ENTRANCEEXITS (ASSOCIATED WITH AGGREGATE OPERATIONS) TO THE LICENSED SITE EXCEPT THE ACCESS AT DUBLIN LINE. IT IS CONTROLLED BY A GATE WHICH IS CLOSED AND LOCKED AT ALL TIMES THE QUARRY IS NOT IN OPERATION.

O.S. 5.10.1 EXCAVATION SETBACKS WILL BE REDUCED FROM 15m TO 0m ALONG ALL PORTIONS OF THE COMMON LICENSED BOUNDARY WITH THE RECENTLY LICENSED MILTON EXTENSION LANDS (LOTS 1*2 & 13 IN THE EAST HALF CONC. 7).

O.S. 5.10.2 EXCAVATION SETBACKS WILL BE VARIED ALONG PORTIONS OF THE TOWN LINE AND (8TH) SIDE ROAD UNOPENED ROAD ALLOWANCES AND 5VTH LINE AS INDICATED ON PLAN AND IN ACCORDANCE WITH MNRs APRIL 09, 2001 LETTER "SITE PLAN AMENDMENT REDUCTION OF SETBACKS & CLIFF FACE REHABILITATION LICENCE ID # 5481- MILTON QUARRY"

O.S. 5.10.2 EXCAVATION SETBACKS WILL BE REDUCED FROM 30m TO 15m ALONG THE NORTH QUARRY FRONTAGE OF TOWN LINE. ADJACENT LICENCE TO THE NORTH AND SOUTH IS APPROVED WITH 15m SETBACKS.

O.S. 5.13.1 STOCKPILES AND PROCESSING EQUIPMENT (I.E. PORTABLE PRIMARY CRUSHER) MAY BE LOCATED WITHIN 30M OF THE COMMON LICENSED BOUNDARIES WITH THE ADJACENT RECENTLY LICENSED MILTON EXTENSION LANDS. A CONVEYOR WITH TRANSFER POINTS MAY BE LOCATED WITHIN THE 15m TOWN LINE ROAD SETBACK AND THE SOUTHERN LIMIT ABUTTING DUFFERIN AGGREGATES LICENSED LANDS.

O.S. 5.16 TOPSOIL LOCATED WITHIN THESE SITES (LICENCE # 5481, 606621 AND 626561 ~~AND THE RECENTLY LICENSED MILTON EXTENSION LANDS~~) MAY BE USED DIRECTLY IN THE PROGRESSIVE REHABILITATION OF ~~BOTH~~ THESE SITES.

O.S. 5.17 TOPSOIL AND OVERBURDEN MATERIALS FROM THIS SITE AND ~~THE ADJACENT RECENTLY LICENSED MILTON EXTENSION LANDS~~ LICENCE # 606621 AND 626561 WILL BE SHARED TO OPTIMIZE THE PROGRESSIVE REHABILITATION OF BOTH SITES.

O.S. 5.19 PORTIONS OF THE QUARRY FACES WILL BE LEFT VERTICAL ABOVE AND OR BELOW FINAL REHABILITATED LAKE LEVELS TO ALLOW MOVEMENT OF GROUNDWATER AND TO CREATE A MORE DIVERSIFIED HABITAT AND VISUALLY INTERESTING LANDFORM

SCALE 1:5000

0 5 25 50 100 200 metres

NORTH

DRAFT

Submitted in accordance with the Aggregates Resources Act Section 69 Dated: SEPT. 30,1991 MNRC Planning Limited draft revisions Dated: NOV. 29,1992 JAN. 18,1993 MAY 21,1993 SEPT. 30,1993

SITE PLAN AMENDMENTS

DATE	DESCRIPTION
AUG. 27,1999	REVISE FENCING OVERRIDE PHASE 3A AND QUARRY LICN TRACT CROSSING NOTE
MAR. 04,1997	REVISE FENCING OVERRIDE DUBLIN LINE, REDUCED LICN TRACT CROSSING
MAR. 04,1996	NEW BERM LOCATION NW CORNER PHASE 1
JULY 03,1995	NOTES REFERENCE 2 & 3 OF PROCESSING EQUIPMENT, NEW BERM LOCATION
MAR. 22,2002	LIMITS PHASE 3a & 3b, NEW ENTRANCE, QUARRY BERM HEIGHTS, HOUSEKEEPING
SEPT. 29,2003	NEW PROPERTY/SERVICE ENTRANCE, NORTHERN BOUNDARY NORTH QUARRY
APR. 09,2004	NEW ENTRANCE, ACCESS AND CUT/FILL REGIONAL ROAD 25
MAR. 01,2005	LINES AND NOTES IMPROVEMENT ACT DRAINAGE, HOUSEKEEPING
JAN. 24, 2007	ADDED "SEQUENCE OF PROGRESSIVE REHABILITATION" DETAIL
FEB. 08, 2011	AGGREGATE RECYCLING
JANUARY 2014	NEW/GRANT LICENCE # 626561

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113 COLLIER STREET BARRIE, ON L4M 1H2 P: 705.728.0045 F: 705.728.2010 | WWW.MHBCPLAN.COM

PROJECT NAME:

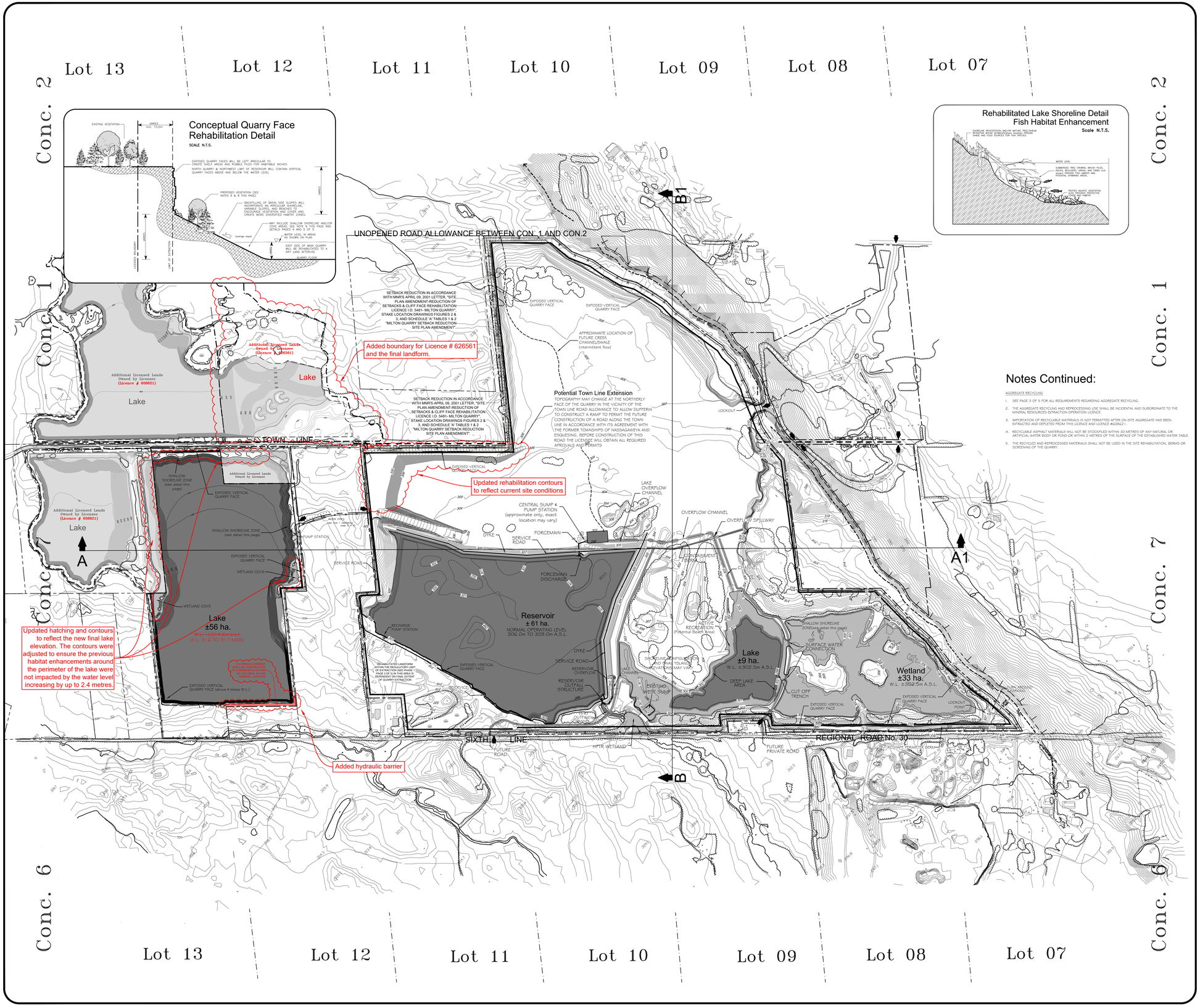
MILTON QUARRY Licence No. 5481

Job No.	9061A DUFF HALT MILT
Dwn. By	G.H./L.H./C.P.
Chkd. By	G.H.+J.P. C.P.

LOT 10, PART LOTS 7,8,9,11,12 and 13
CONCESSION 7
TOWN OF MILTON
PART LOTS 8,9 and 10
CONCESSION 1
TOWN OF HALTON HILLS
REGIONAL MUNICIPALITY OF HALTON

Dufferin Aggregates
A CRH COMPANY

Dufferin Aggregates
A Division of ~~St. Lawrence Cement~~ CRH Canada Group Inc.
2300 Steeles Avenue W., ~~Suite 400~~ 4th Floor
Concord, Ontario L4K 5X6



Notes Continued:

AGGREGATE RECYCLING

1. SEE PAGE 3 OF 5 FOR ALL REQUIREMENTS REGARDING AGGREGATE RECYCLING.
2. THE AGGREGATE RECYCLING AND REPROCESSING USE SHALL BE INCIDENTAL AND SUBORDINATE TO THE MINERAL RESOURCES EXTRACTION OPERATION LICENCE.
3. IMPORTATION OF RECYCLABLE MATERIALS IS NOT PERMITTED AFTER ON-SITE AGGREGATE HAS BEEN EXTRACTED AND DEPLETED FROM THIS LICENCE AND LICENCE #608621.
4. RECYCLABLE ASPHALT MATERIALS WILL NOT BE STOCKPILED WITHIN 30 METRES OF ANY NATURAL OR ARTIFICIAL WATER BODY OR POND OR WITHIN 2 METRES OF THE SURFACE OF THE ESTABLISHED WATER TABLE.
5. THE RECYCLED AND REPROCESSED MATERIALS SHALL NOT BE USED IN THE SITE REHABILITATION, BERMS OR SCREENING OF THE QUARRY.

Progressive Rehabilitation and Final Rehabilitation Plan

Legend

- Licensed Boundary
- Limit of Extraction
- Property Boundary
- Other Licensed Lands — LICENSED LANDS OWNED AND CONTROLLED BY DUFFERIN AGGREGATES ~~UNDER SEPARATE APPLICATION~~
- Rehabilitated Elevation,Contour — TOPOGRAPHIC INFORMATION PROVIDED BY NORTHWAY MAP TECHNOLOGY CORPORATED FROM 1990 AND 1997 AERIAL PHOTOGRAPHY. CONTOUR INTERVAL 2m. MAIN QUARRY REHABILITATED CONTOURS PROVIDED BY DUFFERIN AGGREGATES PREPARED BY AGGMAPR INC. JUNE 2001 BASED ON SPRING 1997 AERIAL PHOTOGRAPHY, SUPPLEMENTED BY ADDITIONAL ELEVATION SURVEYING CONDUCTED BY DUFFERIN (SPRING 2001) AND POINTS ESTIMATED/INTERPOLATED BY AGGMAPR INC. IN CONJUNCTION WITH DUFFERIN AGGREGATES. CONTOUR INTERVAL 1m. ALL ELEVATIONS ARE GEODETIC AND APPROXIMATE.
- Existing & Proposed Vegetation — SEE NOTE 8 THIS PAGE
- Rehabilitated Spot Elevation
- Existing Fence — POST AND WIRE,MIN. 1.2m HIGH
- Entrance/Exit
- Building/Structure
- Natural Edge of Niagara Escarpment
- Sections — FOR CROSS SECTIONS SEE PAGE 5 OF 5
- Surface Drainage /Watercourse — (► INDICATES DIRECTION OF FLOW)

Sources: Rehabilitation of Pits and Quarries for Forest Production, MNR, 1988. Rehabilitation of Pits and Quarries for Fish and Wildlife, MNR, 1987.

Notes:

1. TOPSOIL AND OVERBURDEN MATERIALS FROM THIS ~~SITE~~ LICENCE AND ~~THE ADJACENT RECENTLY LICENSED MILTON EXTENSION LANDS~~ LICENCE # 608621 AND 626561 WILL BE SHARED TO OPTIMIZE THE PROGRESSIVE REHABILITATION OF ~~BOTH SITES~~ ALL THREE LICENCES.

2. SEE PAGE 3 OF 5 "OPERATIONAL PLAN" FOR ADDITIONAL NOTES ON PROGRESSIVE REHABILITATION.

3. POSSIBLE AFTER USES TO INCLUDE CONSERVATION, TOURISM AND/OR RECREATION (eg. GOLF COURSE) SUBJECT TO APPLICABLE APPROVALS AND CONSIDERATION OF FLOOD RISK AND WATER AVAILABILITY.

4. WATER LEVELS OF THE PROPOSED RESERVOIR, LAKES AND WETLAND WITHIN THE MAIN QUARRY LICENSED PORTION PROVIDED BY CONESTOGA ROVERS & ASSOCIATES (REFERENCE CONCEPTUAL DESIGN REPORT, MILTON MAIN QUARRY WEST SIDE REHABILITATION PLAN, DECEMBER 2000).

5. THE CURRENT DESIGN FOR THE MAIN QUARRY REHABILITATION INCLUDES FOUR KEY COMPONENTS OR AREAS. THREE OF THESE AREAS (RESERVOIR, LAKES AND WETLAND) ARE IN THE WEST SIDE OF THE QUARRY. THE EAST SIDE WILL BE UTILIZED FOR A DRY LAND USE IN ACCORDANCE WITH NOTE 3 ABOVE. THE WETLAND/LAKE WILL PROVIDE A CONTIGUOUS WATER BODY FOR BOTH CONSERVATION AND RECREATIONAL USES. THE RESERVOIR WILL BE DESIGNED TO OPTIMIZE WATER QUANTITY AND QUALITY AND WILL ALLOW WATER STORAGE FOR MEETING RESOURCE MANAGEMENT OBJECTIVES INCLUDING:

i) WATER STORAGE FOR OPERATIONS AND MITIGATION, INCLUDING GROUNDWATER RECHARGE

ii) MAINTAINING WATER LEVELS IN LAKES & WETLAND AND;

iii) WATER STORAGE/RELEASE FOR USE BY CONSERVATION HALTON VIA THE HILTON FALLS RESERVOIR TRIBUTARY TO THE HILTON FALLS RESERVOIR MANAGED/CONTROLLED BY CONSERVATION HALTON;

THE REHABILITATION PLAN REQUIRES THE CONSTRUCTION OF DYKES, HYDRAULIC CONTROLS/OUTFALLS, HYDRAULIC BARRIERS AND ANCILLARY STRUCTURES WITHIN THE MAIN AND NORTH QUARRY TO RETAIN AND MANAGE THE WATER. THE DYKES WILL BE CONSTRUCTED FROM ONSITE OVERBURDEN AND/OR A MIXTURE OF DOLOSTONE SCREENINGS AND POND FINES OBTAINED FROM THE WASH PLANT SETTLING PONDS. THE DYKES WILL INCORPORATE A LOW PERMEABILITY CORE FOR WATER RETENTION WITH GRAVEL SHELLS FOR SUPPORT AND DRAINAGE. THE LOW PERMEABILITY CORE WILL EXTEND THROUGH THE FRACTURED DOLOSTONE AND KEY INTO THE LOW PERMEABILITY SHALE UNDERLYING THE DOLOSTONE. THE CENTRAL SUMP WILL HAVE HIGH CAPACITY PUMPING STATION TO CONVEY STORMWATER/GROUND WATER COLLECTED FROM THE EAST SIDE TO THE RESERVOIR THROUGH A BURIED FORCEMAIN. ADDITIONAL SUMPS AND FORCEMAINS/CHANNELS MAY BE REQUIRED ON THE EAST SIDE OF THE DYKES/BERMS TO CONVEY WATER TO THE CENTRAL SUMP. ALL DYKES HYDRAULIC CONTROLS/OUTFALLS AND ANCILLARY STRUCTURES ASSOCIATED WITH THE RESERVOIR, LAKE AND WETLAND IN THE MAIN QUARRY SHALL BE IN ACCORDANCE WITH THE LAKES AND RIVERS IMPROVEMENT ACT PERMIT ISSUED SEPTEMBER 2, 2003.

FOR ADDITIONAL DETAILS, PLEASE REFER TO:

i) "WEST SIDE REHABILITATION, MILTON MAIN QUARRY; BERM, DYKE AND SPILLWAY DRAWINGS, NOV. 2002 PREPARED BY GOLDER ASSOCIATES LTD.
ii) "ENGINEERING DESIGN OF DYKES, MILTON QUARRY WEST SIDE REHABILITATION REPORT, JUNE 2001 PREPARED BY GOLDER ASSOCIATES.
iii) "ADDENDUM TO REPORT ON ENGINEERING DESIGN OF DYKES, MILTON QUARRY WEST SIDE REHABILITATION REPORT, NOV. 2002 PREPARED BY GOLDER ASSOCIATES.
iv) "WEST SIDE REHABILITATION, MILTON MAIN QUARRY; HYDRAULIC FLOW STRUCTURES' DRAWINGS, MARCH 2003 PREPARED BY CONESTOGA-ROVERS & ASSOCIATES.
v) "DESIGN REPORT, HYDRAULIC FLOW STRUCTURES, WEST SIDE REHABILITATION PLAN, MILTON MAIN QUARRY" REPORT, MARCH 2003 PREPARED BY CONESTOGA-ROVERS & ASSOCIATES.
vi) "NORTH QUARRY REHABILITATION LAKE LEVEL ASSESSMENT" REPORT, APRIL 24, 2019 PREPARED BY GHD IN ASSOCIATION WITH WSP.

6. QUARRY FACE REHABILITATION AND SLOPING WILL BE IN ACCORDANCE WITH THE CONTOURS (THIS PAGE), THE CROSS SECTIONS (PAGE 5 OF 5) AND "CONCEPTUAL QUARRY FACE REHABILITATION DETAIL" (THIS PAGE). THE OBJECTIVE IS TO INCORPORATE SECTIONS OF EXPOSED QUARRY FACES INTO THE FINAL LANDSCAPE. THESE EXPOSED FACES WILL BE LEFT IRREGULAR TO CREATE SHELF AREAS AND HABITAT NICHES. THIS WILL PROVIDE A MORE VISUALLY INTERESTING AND DIVERSE LANDSCAPE AS WELL AS A VARIETY OF FLORA AND FAUNA HABITAT. EXACT LOCATIONS AND EXTENT OF EXPOSED FACES AND SIDESLOPES TO BE DETERMINED AS BACKFILLING PROCEEDS. TYPICAL EXPOSED FACE LOCATIONS AND CONFIGURATIONS ARE NOT LIMITED TO THOSE LABELED ON THIS PLAN.

7. QUARRY FACES AND ABOVE WATER AREAS (E.G. POTENTIAL EXTENSION TO TOWN LINE) WILL BE BACKFILLED USING ~~ONSITE~~ OVERBURDEN, SCREENINGS, NON MARKETABLE RESOURCE AND POND FINES FROM THIS LICENCE OR LICENCE # 608621 AND 626561. CURRENT ESTIMATES FROM DUFFERIN AGGREGATES CALCULATE THAT THERE ARE SUFFICIENT QUANTITIES TO COMPLETE THE PROPOSED REHABILITATION. HOWEVER, OFF SITE, CLEAN INERT OVERBURDEN AND TOPSOIL MAY ALSO BE IMPORTED (WITH PRIOR NOTIFICATION TO MNR) IF REQUIRED. BACKFILLED SIDE SLOPE AREAS WILL AVERAGE A MINIMUM TWO HORIZONTAL METRES FOR EVERY ONE VERTICAL METRE (2:1). THE CONTOURING ON THE QUARRY FLOOR IN THE EAST HALF OF THE MAIN QUARRY MAY ALSO BE VARIED TAKING INTO ACCOUNT MATERIAL THAT IS RETAINED ON THE QUARRY FLOOR AS A RESULT OF THE WASH PONDS REQUIRED FOR THE WASH PLANT.

8. REHABILITATED SLOPE TREATMENT WILL CONSIST OF:

i) REPLACEMENT OF TOPSOIL (MINIMUM DEPTH 0.2m). TOPSOIL DEPTH WILL BE VARIED (DEEPER FOR TREE CLUSTERS) TO ENCOURAGE VARIABLE VEGETATION PATTERNS.
ii) REFORESTATION USING A SELECTION OF TREE & SHRUB SPECIES PLANTED AS SEEDLINGS OR TRANSPLANTS.
iii) SUCCESS OF REFORESTATION WILL BE VISUALLY ASSESSED AND PLANTINGS WILL BE MAINTAINED AS CONSIDERED NECESSARY BY THE LICENSEE. THE OBJECTIVE IS TO PROMOTE A RANGE OF VEGETATION DENSITIES AND A VARIETY OF HABITATS AND COMMUNITIES.
iv) PORTIONS OF THE SHORELINE ZONE WILL BE VEGETATED WITH A SUITABLE HERBACEOUS MIX. SLOPE AREAS THAT ARE SUSCEPTIBLE TO EROSION AND DYKE WALLS WILL BE SEEDED AND/OR RIP RAPPED TO PROVIDE EROSION CONTROL AND CONCENTRATED SURFACE DRAINAGE TOWARDS FUTURE LAKE.
v) UPLAND SLOPE AREA TREATMENT WILL INCLUDE BRUSH, LOG, STUMP AND BOULDER PILES WHICH WILL PROVIDE COVER FOR WILDLIFE.

9. THE CONSTRUCTION OF ISLANDS FOR WILDLIFE HABITAT WILL INCORPORATE THE USE OF NON-MARKETABLE RESOURCE, OVERBURDEN MATERIALS, POND FINES AND ARMOUR STONE. PORTIONS OF THE SHORELINE ZONES WILL BE CONSTRUCTED USING COVER MATERIALS (BOULDERS, LOGS, STUMPS, AND BRUSH) AND A VARIETY OF SUBSTRATES (BOULDERS, GRAVEL, SAND AND MUCK) TO CREATE DIVERSE FISH HABITAT AND COVER UNDER THE WATER (SEE DETAIL PAGE 5 OF 5 SAMPLE SHORELINE TREATMENT).

THE SHALLOW SHORELINE ZONES AND SIDE SLOPES OF THE ISLANDS WILL BE SUPPLEMENTED WITH TOPSOIL AND BRUSH STRIPPINGS TO ENHANCE AQUATIC AND SHORELINE VEGETATION GROWTH. AQUATIC PLANTS AND NEAR SHORE VEGETATION MAY BE INTRODUCED IN ORDER TO ACCELERATE COLONIZATION OF THE ISLANDS AND SELECTED PORTIONS OF THE SHALLOW SHORELINE ZONE. IT IS HOPED THAT A SOURCE OF PLANT MATERIAL CAN BE LOCATED NEARBY, POSSIBLY FROM SOME OF THE PUBLICLY OWNED LAND IN THE AREA OR OTHER DUFFERIN LANDS.

10. THE PROCESSING EQUIPMENT AND QUARRY OPERATIONAL BUILDINGS WILL BE REMOVED. ACCESSORY BUILDINGS AND STRUCTURES (eg. PUMP STATIONS, WEATHER STATION, FORCEMAINS) RELATED TO ONGOING WATER MANAGEMENT TO REMAIN. ACCESS ROADS FOR SITE MAINTENANCE TO REMAIN AS REQUIRED.

SCALE 1:5000

50 0 25 50 100 200 metres

NORTH

DRAFT

Submitted in accordance with the Aggregates Resources Act Section 69
Dated: SEPT. 20,1991
MNR Approval with draft revisions
Dated: NOV. 17,1992 MAY 27,1993
SEPT. 20,1993

SITE PLAN AMENDMENTS

DATE	DESCRIPTION
MAR. 23,2000	REVISE NOTE 7 TO REMOVE CONFER REFERENCE
APR. 09,2001	SETBACK REDUCTIONS AND CLIFF FACE REHABILITATION
MAR. 01,2004	LAKES AND RIVERS IMPROVEMENT ACT WORK PERMIT INCORPORATED
JAN. 24, 2007	MINISTER'S LICENCE APPROVAL AND AMENDMENT LICENCE SCHEDULE & REHABILITATION
Feb 08, 2011	AGGREGATE RECYCLING & REHABILITATION
JANUARY 2024	INTEGRATE LICENCE # 626561

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PROJECT NAME:

MILTON QUARRY Licence No. 5481

Job No. 9061A DUFF HALT MILT
Dwn. By G.H./L.H./C.P. Chkd. By ~~G.H./LP.~~ C.P.

LOT 10, PART LOTS 7,8,9,11,12 and 13
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PART OF LOTS 8, 9 and 10
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2300 Steeles Avenue W., ~~Suite 400~~ 4th Floor
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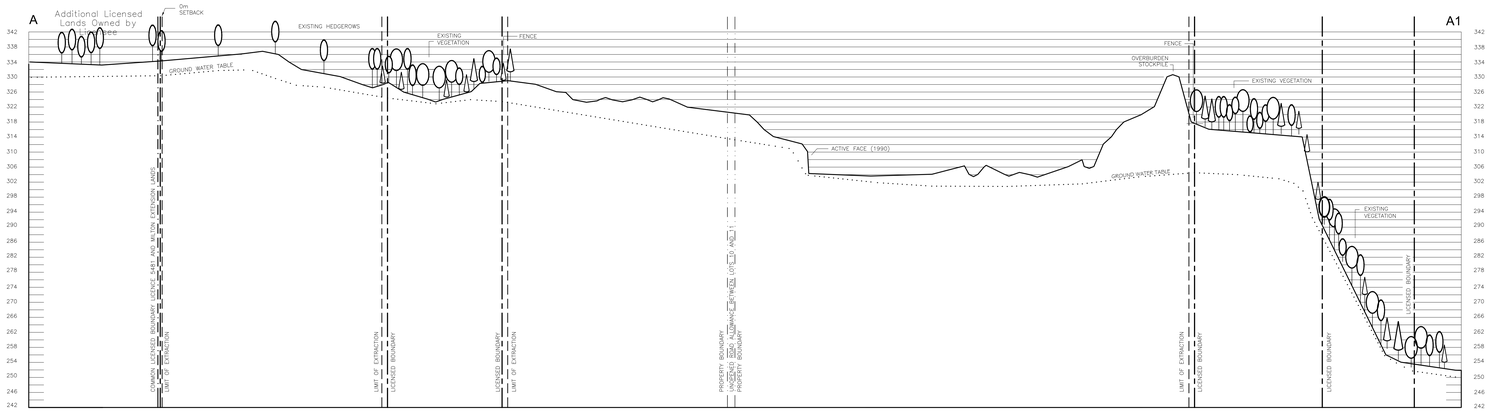
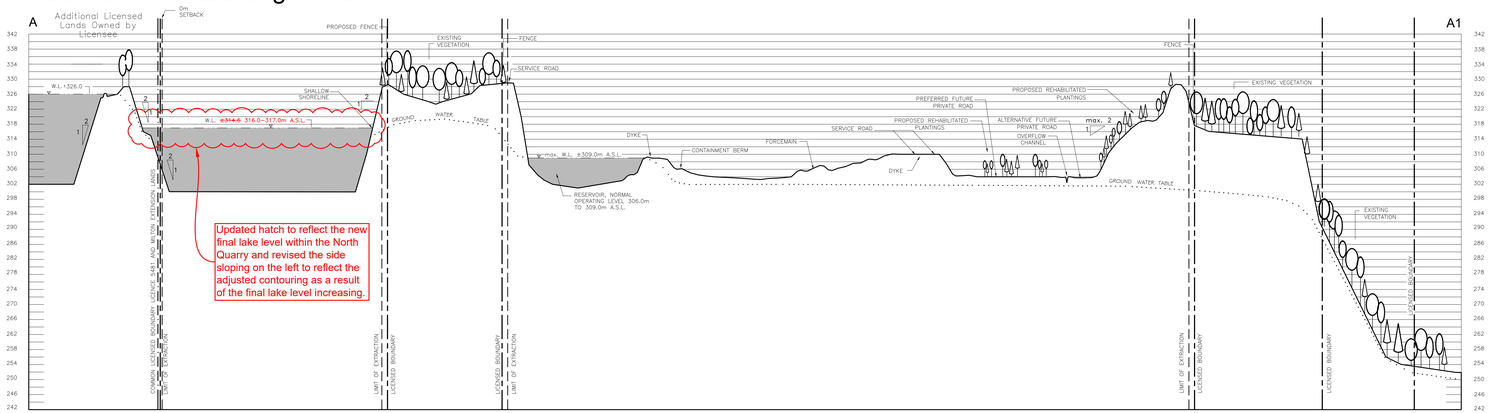
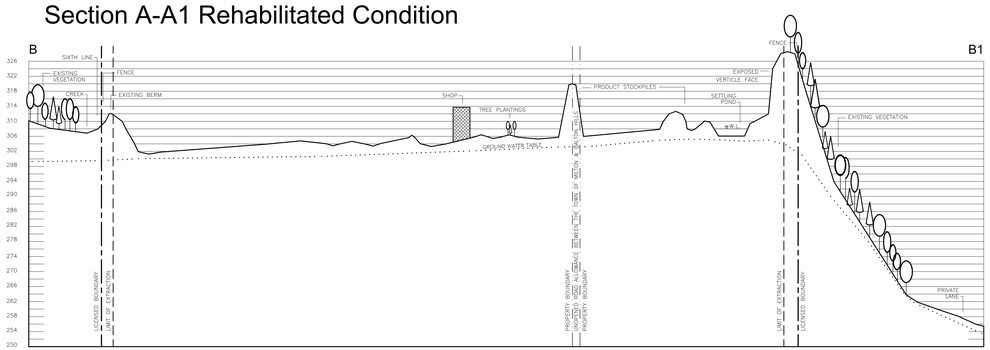


Section A-A1 Existing Condition

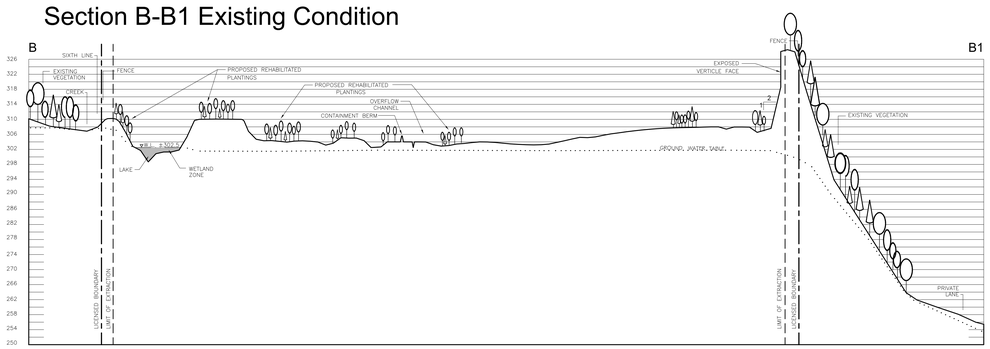


Updated hatch to reflect the new final lake level within the North Quarry and revised the side sloping on the left to reflect the adjusted contouring as a result of the final lake level increasing.

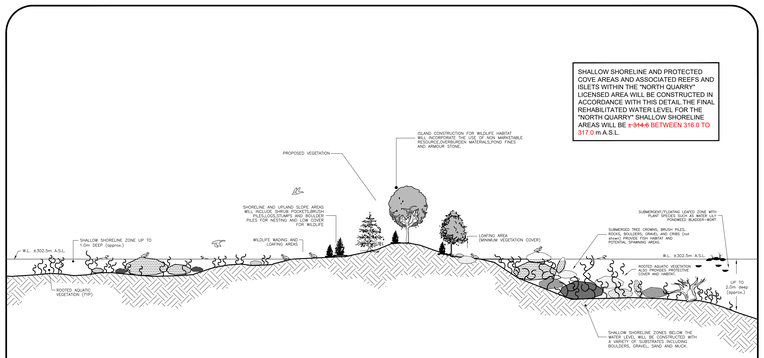
Section A-A1 Rehabilitated Condition



Section B-B1 Existing Condition



Section B-B1 Rehabilitated Condition



TYPICAL ISLAND REHABILITATION DETAIL
Wetland Area

SCALE N.T.S.

Cross Sections

5 of 5

Legend

- Licensed Boundary
- Limit of Extraction
- Ground Water Table
- Property Boundary
- Sections
- Other Licensed Lands
  LICENSED LANDS OWNED AND CONTROLLED BY DUFFERIN AGGREGATES ~~UNDER SEPARATE APPLICATION~~

Notes:

1. EXISTING CONDITION CROSS SECTIONS PLOTTED FROM TOPOGRAPHIC INFORMATION PROVIDED BY NORTHWAY MAP TECHNOLOGY LIMITED DERIVED FROM 1990 AND 1997 AERIAL PHOTOGRAPHY. REHABILITATED CONDITION CROSS SECTIONS PLOTTED FROM CONTOURS PROVIDED BY DUFFERIN AGGREGATES PREPARED BY AGGMAPR INC. JUNE 2001 BASED ON SPRING 1997 AERIAL PHOTOGRAPHY, SUPPLEMENTED BY ADDITIONAL ELEVATION SURVEYING CONDUCTED BY DUFFERIN (SPRING 2001) AND POINTS ESTIMATED/INTERPOLATED BY AGGMAPR INC. IN CONJUNCTION WITH DUFFERIN AGGREGATES. ALL ELEVATIONS ARE GEODETIC.

2. WATER LEVELS FOR THE RESERVOIR, LAKES AND WETLAND SHOWN ON THE CROSS SECTIONS PROVIDED BY CONESTOGA ROVERS & ASSOCIATES (reference CONCEPTUAL DESIGN REPORT, MILTON MAIN QUARRY WEST SIDE REHABILITATION PLAN, DEC. 2000).

3. FOR PLAN VIEW OF CROSS SECTIONS SEE PAGES 2 OF 5 'EXISTING FEATURES' AND 4 OF 5 'PROGRESSIVE REHABILITATION AND FINAL REHABILITATION PLAN'.

4. GROUND WATER TABLE INFORMATION PROVIDED BY CONESTOGA ROVERS & ASSOCIATES (reference CONCEPTUAL DESIGN REPORT, MILTON MAIN QUARRY WEST SIDE REHABILITATION PLAN, DEC. 2000)

Scale: Hor. 1:5000
Vert. 1:500

DRAFT

Submitted in accordance with the Aggregate Resources Act Section 69
Dated: SEPT. 30,1991
MHBC Planning Limited draft revisions
Dated: NOV. 11,1992 JAN. 15,1993
MAY 31,1993 SEPT. 30,1993

SITE PLAN AMENDMENTS	
DATE	DESCRIPTION
MAR. 01,2004	LATEX AND RIVER DIVERSIONS NOT WORK PERMIT, HIS/DEVELOPMENT
Jan. 24, 2007	RAUNDOT LICENCE APPROVAL AND INTEGRATED OPERATIONS & REHABILITATION
Feb 08, 2017	AGGREGATE RECYCLING
JANUARY 2024	INTEGRATE LICENCE # 628561

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PROJECT NAME:
MILTON QUARRY Licence No. 5481

Job No.	9061A DUFF HALT MILT		
Dwn. By	G.H.	Chkd. By	G.H. J.P.

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