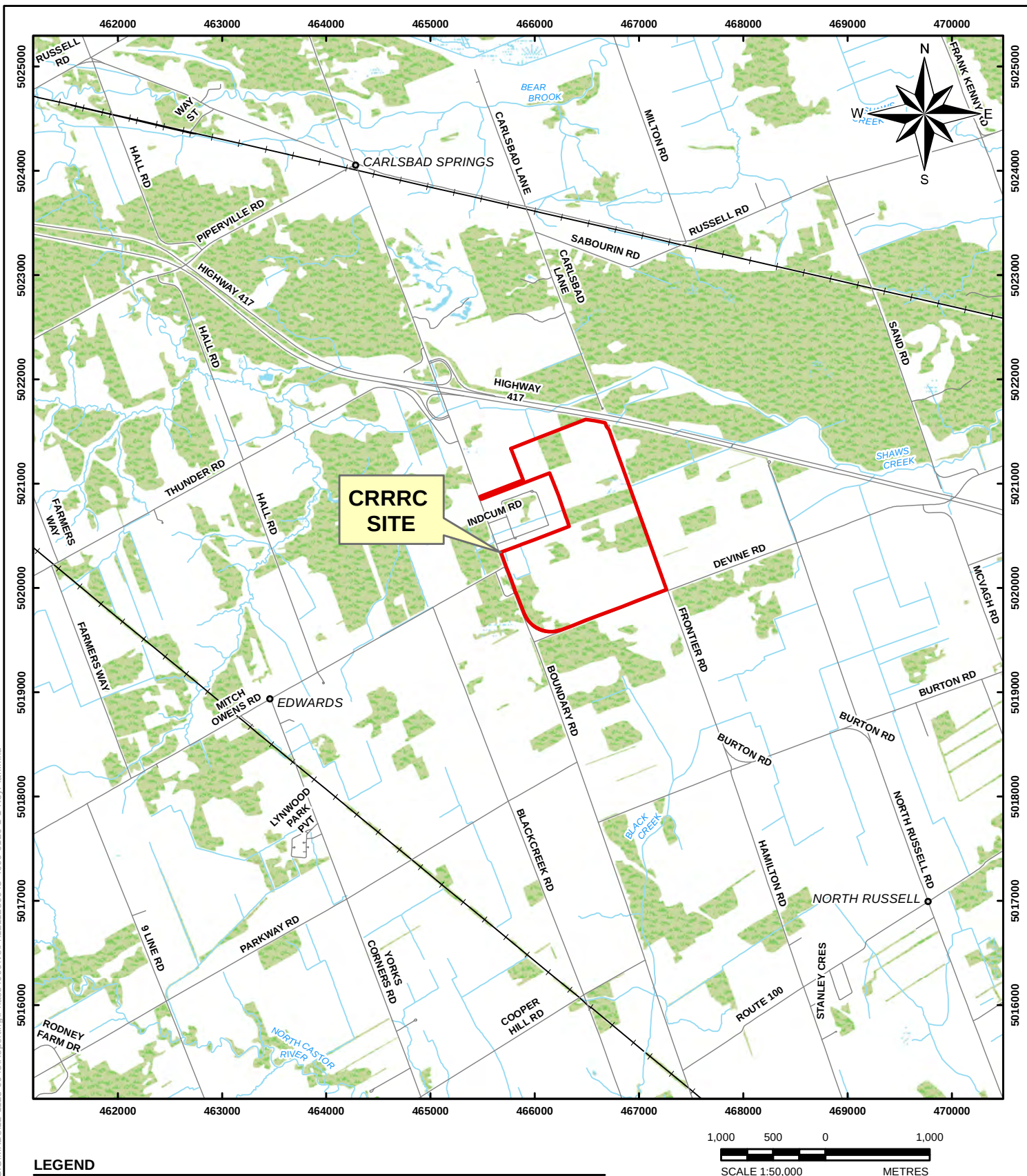


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LEGEND

 PROPERTY BOUNDARY

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT.

REFERENCES

LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2011.
DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18

PROJECT

CAPITAL REGION RESOURCE
RECOVERY CENTRE

TITLE

KEY PLAN



PROJECT No. 12-1125-0045			PHASE No. 4500	
DESIGN	JPAO	NOV. 2013	SCALE AS SHOWN	REV. 0.0
GIS	BR	DEC. 2013		
CHECK	PLE	AUG. 2014		
REVIEW	PAS	AUG. 2014		

FIGURE 1

STANTEC GEOMATICS LTD.
2013

BEARINGS SHOWN HEREON ARE GRID AND ARE DERIVED FROM THE CAN-NET VRS NETWORK AND ARE REFERRED TO THE CENTRAL MERIDIAN 76°30'00" WEST LONGITUDE, ZONE 9 OF THE ONTARIO 3° M.T.M COORDINATE SYSTEM NORTH AMERICAN DATUM 1983 CSRS ADJUSTMENT.

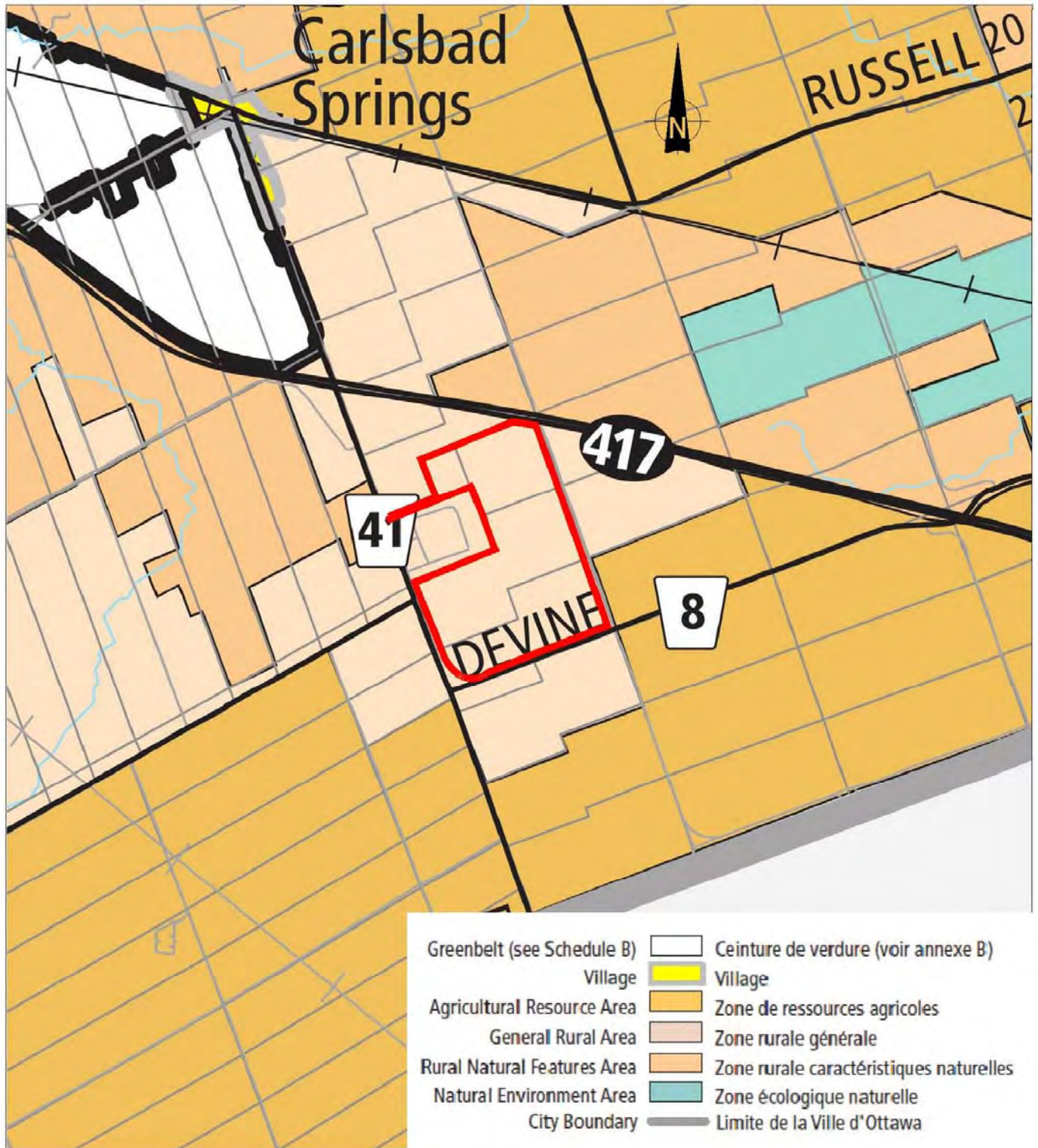
COORDINATES ARE IN METRES AND WERE DERIVED FROM GPS OBSERVATIONS USING THE CAN-NET NETWORK AND REFERRED TO THE ONTARIO COORDINATE SYSTEM M.T.M. NAD83 (ORIGINAL) ZONE 9.

- POINT A NORTHING 5021569.20, EASTING 388620.00
- POINT B NORTHING 5021982.43, EASTING 389642.85



LEGEND & NOTES: (IF APPLICABLE)										SURVEYOR'S CERTIFICATE:										FROM THE OFFICE OF		STANTEC GEOMATICS LTD.	
☐	DENOTES FOUND MONUMENTS	(147)(SG)	DENOTES STANTEC GEOMATICS LTD.	P5	DENOTES EXPROPRIATION PLAN RRI/33698	CERTIFY THAT : 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM. 2. THE SURVEY WAS COMPLETED ON THE _____ DAY OF _____ 2013.										Ontario Land Surveyors OTTAWA - ONTARIO (613)722-4420 FAX: (613)722-0769 "e-mail" info@stantec.com WebSite: www.stantec.com							
☐	DENOTES SET MONUMENTS	OJ	DENOTES ORIGIN UNKNOWN	P6	DENOTES PLAN 4R-8231																		
☐	DENOTES IRON BAR	MEAS.	DENOTES MEAS.	P7	DENOTES PLAN 4R-11978																		
SSB	DENOTES STANDARD IRON BAR	PL	DENOTES REGISTERED PLAN 50M-136	P8	DENOTES PLAN 50R-2623																		
SH	DENOTES SHORT STANDARD IRON BAR	PROP	DENOTES PROPORTIONED	☐ HP	DENOTES HYDRO POLE																		
PZ	DENOTES CUT CROSS	P2	DENOTES PLAN 50R-1604	☐ HW	DENOTES HYDRO GUIDE WIRE																		
N&W	DENOTES NAIL & WASHER	P3	DENOTES PLAN 50R-5691	☐ PD	DENOTES FENCE POST																		
WT	DENOTES WITNESS	P4	DENOTES PLAN 50R-2157																				
						DATED : _____ BRIAN J. WEBSTER ONTARIO LAND SURVEYOR										DRAWN BY: _____ CHECKED BY: _____ FIELD BY: _____ P.A.W.B.M. _____ JOB NO: 181612923-114							

PLOT DATE: July 7, 2014
 FILENAME: N:\Active\Spatial\IM\Miller_Paving_Ltd\CRPRC\ACAD\Vol 4 (Report Figures)\MAIN (D&O report)\1211250045-V4-Fig 3-4.DWG



SCALE	N.T.S.
DATE	10 Dec. 2013
DESIGN	
CAD	M.L.F.
CHECK	P.L.E.
REVIEW	P.A.S.

TITLE

LAND USE

FILE No. 1211250045-V4-Fig 3-4.DWG

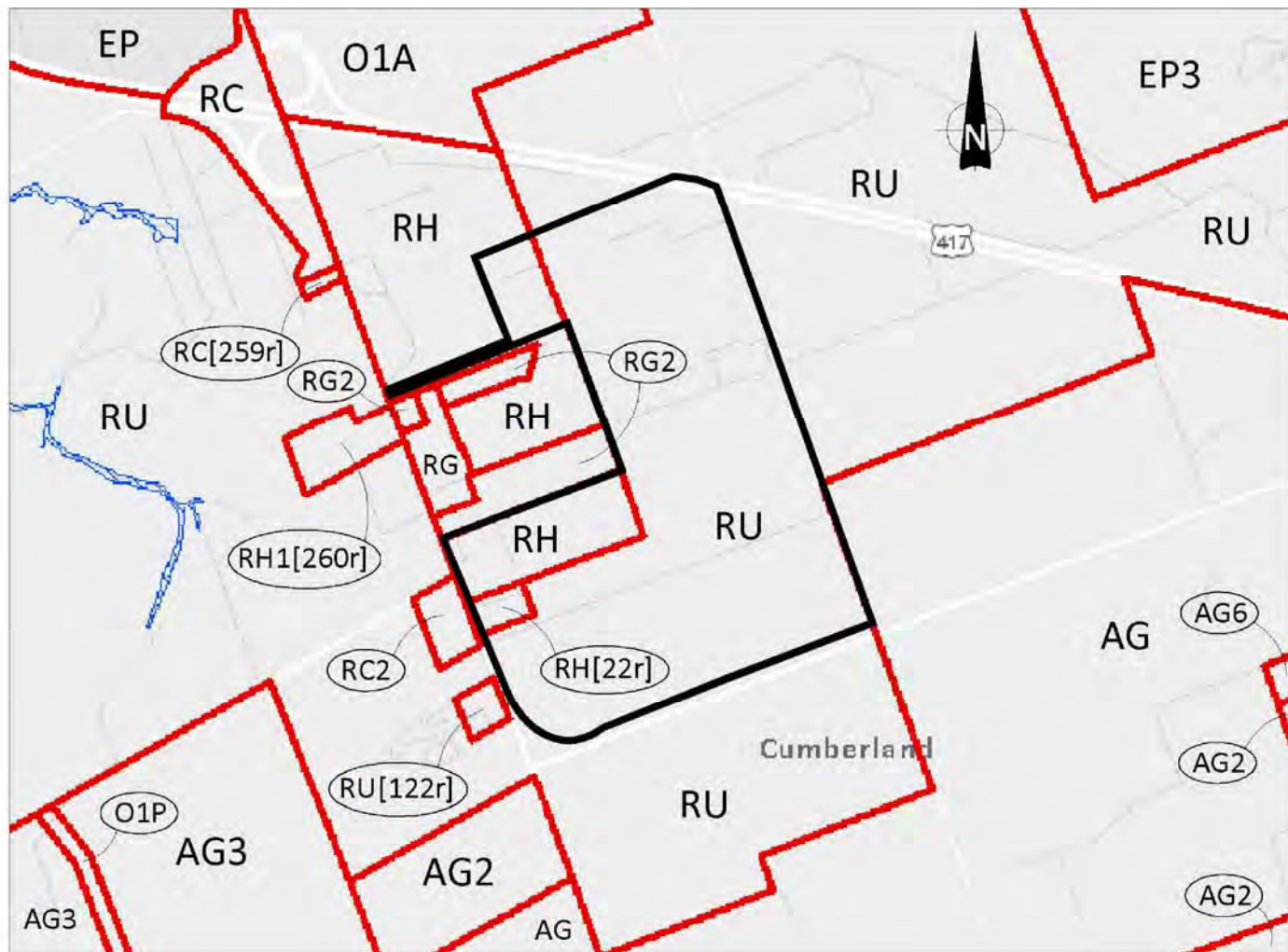
PROJECT No. 12-1125-0045 REV. 0

CAPITAL REGION RESOURCE
RECOVERY CENTRE

FIGURE

3

PLOT DATE: July 7, 2014
 FILENAME: N:\Active\Spatial\Miller_Paving_Ltd\CRRC\ACAD\Vol 4 (Report Figures)\MAIN (D&O report)\1211250045-V4-Fig 3-4.DWG



LEGEND:

EP - Environmental Protection Zone
 O1 - Parks and Open Space Zone
 RC - Rural Commercial Zone
 RH - Rural Heavy Industrial Zone
 RU - Rural Countryside Zone
 RG - Rural General Industrial Zone
 AG - Agricultural Zone



SCALE	N.T.S.
DATE	10 Dec. 2013
DESIGN	
CAD	M.L.F.
CHECK	P.L.E.
REVIEW	P.A.S.

TITLE

CURRENT ZONING

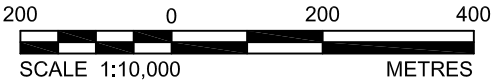
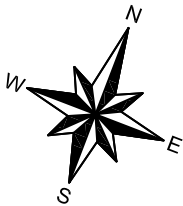
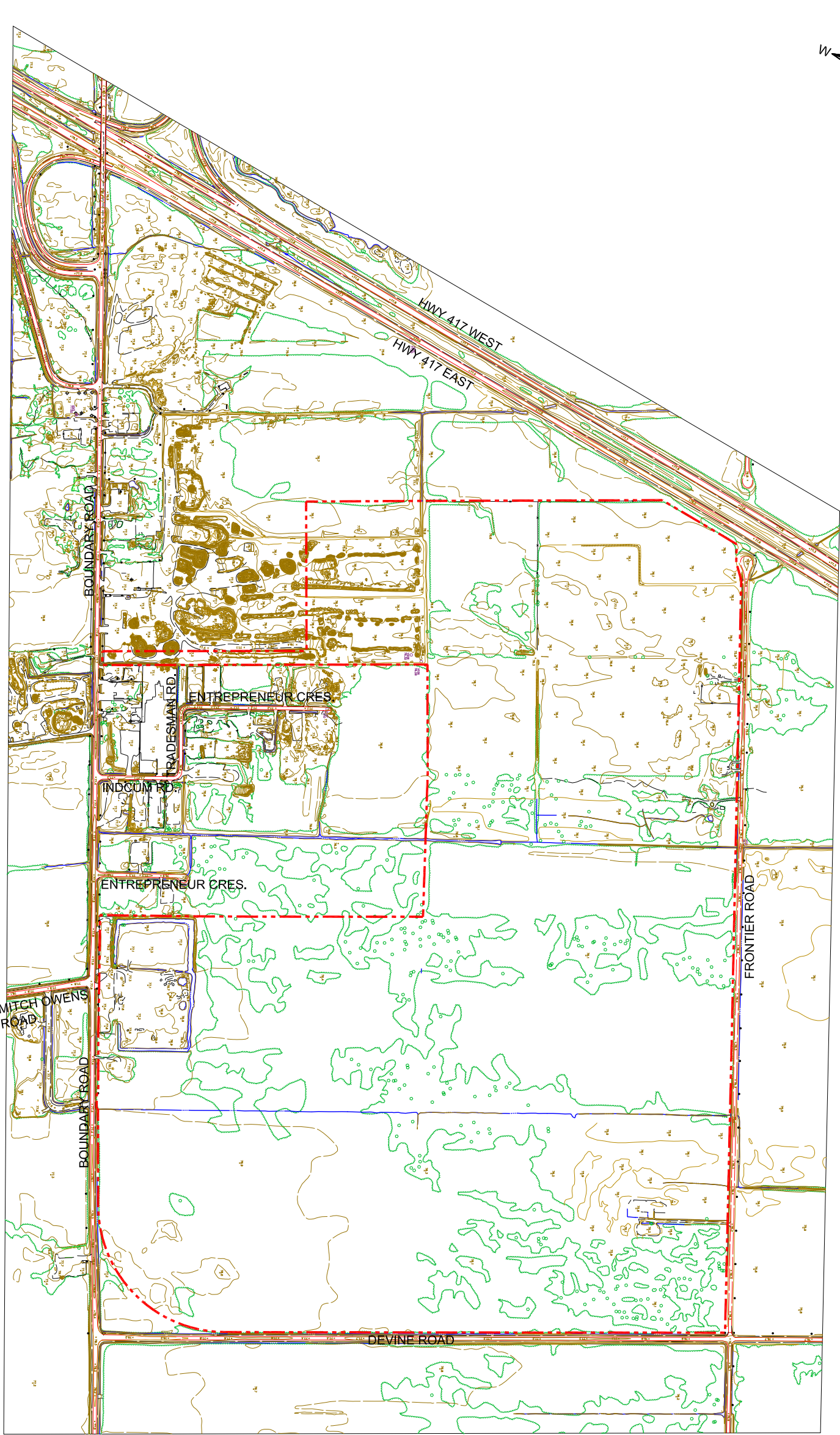
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PROJECT No. 12-1125-0045 REV. 0

CAPITAL REGION RESOURCE
RECOVERY CENTRE

FIGURE

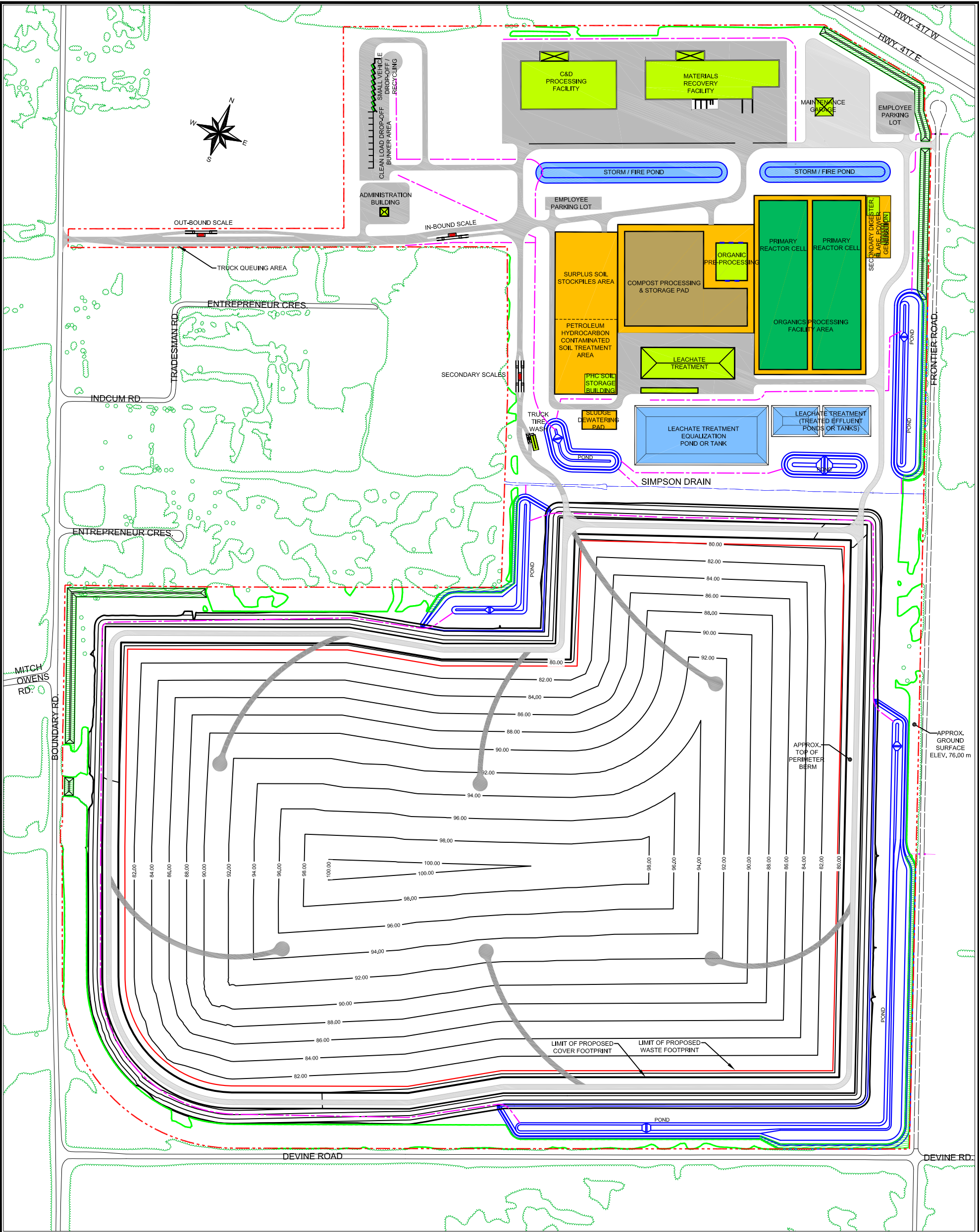
4



- LEGEND:**
- PROPERTY BOUNDARY
 - VERTICAL / HORIZONTAL CONTROL
 - INDEX / INTERMEDIATE CONTOUR
 - OBSCURED GROUND CONTOURS
 - SPOT / WATER ELEVATION
 - HYDROGRAPHIC DRAINAGE LINE
 - MARSH AREA
 - WOODED AREA
 - SINGLE TREE
 - FENCE LINE
 - PAVED / LOOSE ROAD
 - PAVED / LOOSE DRIVE OR PARKING

- REFERENCES:**
- EXISTING TOPOGRAPHY PROVIDED IN A DIGITAL FORMAT BY BASE MAPPING CO. LTD., CONTRACT No. 2517-12, PHOTO DATE NOVEMBER 7, 2012, CONTOURS INTERVAL 0.5 m, AT A HORIZONTAL DATUM UTM ZONE 18, NAD83 AND VERTICAL DATUM CGVD28.
 - PROPERTY LINE SURVEY PROVIDED IN A DIGITAL FORMAT BY STANTEC GEOMATICS LTD. JOB No. 161612923-114, DRAWING No. 161612923v-114-D1-ga01.DWG, DATE RECEIVED NOVEMBER 20, 2013.

REV	DATE	DES	REVISION DESCRIPTION	CAD	CHK	RVW
PROJECT						
CAPITAL REGION RESOURCE RECOVERY CENTRE						
TITLE						
TOPOGRAPHY						
PROJECT No.		12-1125-0045		FILE No. 1211250045-V4-Fig 5.DWG		
DESIGN	M.L.F.	09 Dec. 2013	SCALE	AS SHOWN	REV.	0
CAD	P.L.E.	Aug. 2014	DRAWING No.			
CHECK	P.A.S.	Aug. 2014	Figure 5			
REVIEW						



PROPOSED FACILITY BUILDING

OUTDOOR DIVERSION AREA

PAVED ROAD (ASPHALT)

GRAVEL ROAD

PROPERTY BOUNDARY

EXISTING VEGETATION SCREENING

CONSTRUCTED SCREENING FEATURE

PERIMETER BERM CONTOURS (Interval 1 m)

STORMWATER MANAGEMENT PONDS

LANDFILL FINAL CONTOURS (interval 2 m)

TEMPORARY ACCESS ROAD

STORMWATER DITCH

120

0

120

240

SCALE 1:6,000

METRES

Golder Associates

Ottawa, Ontario, Canada

SCALE

AS SHOWN

DATE

7 Nov, 2013

DESIGN

M.L.F.

CAD

M.L.F.

CHECK

P.L.E.

REVIEW

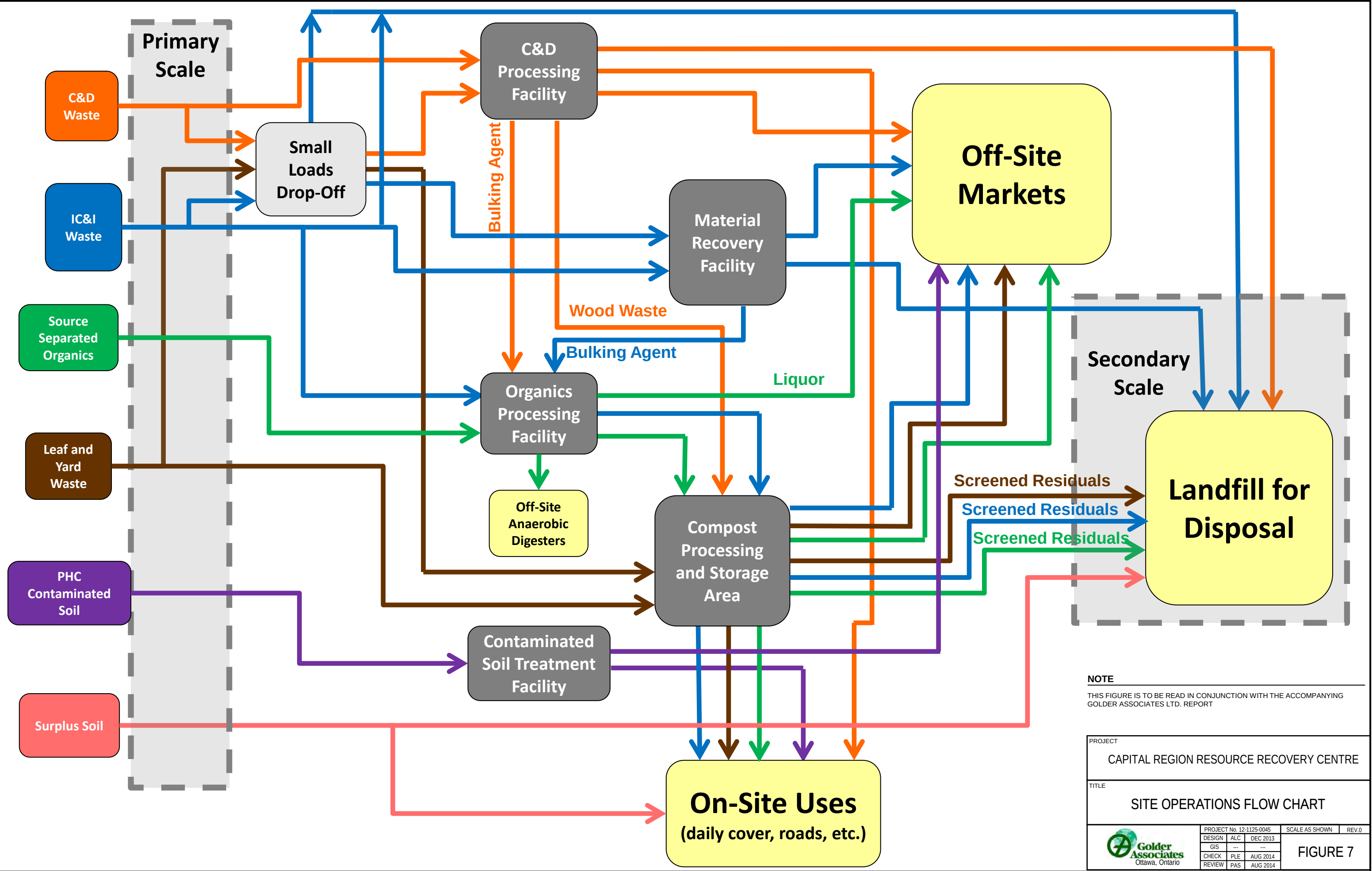
P.A.S.

SITE DEVELOPMENT PLAN

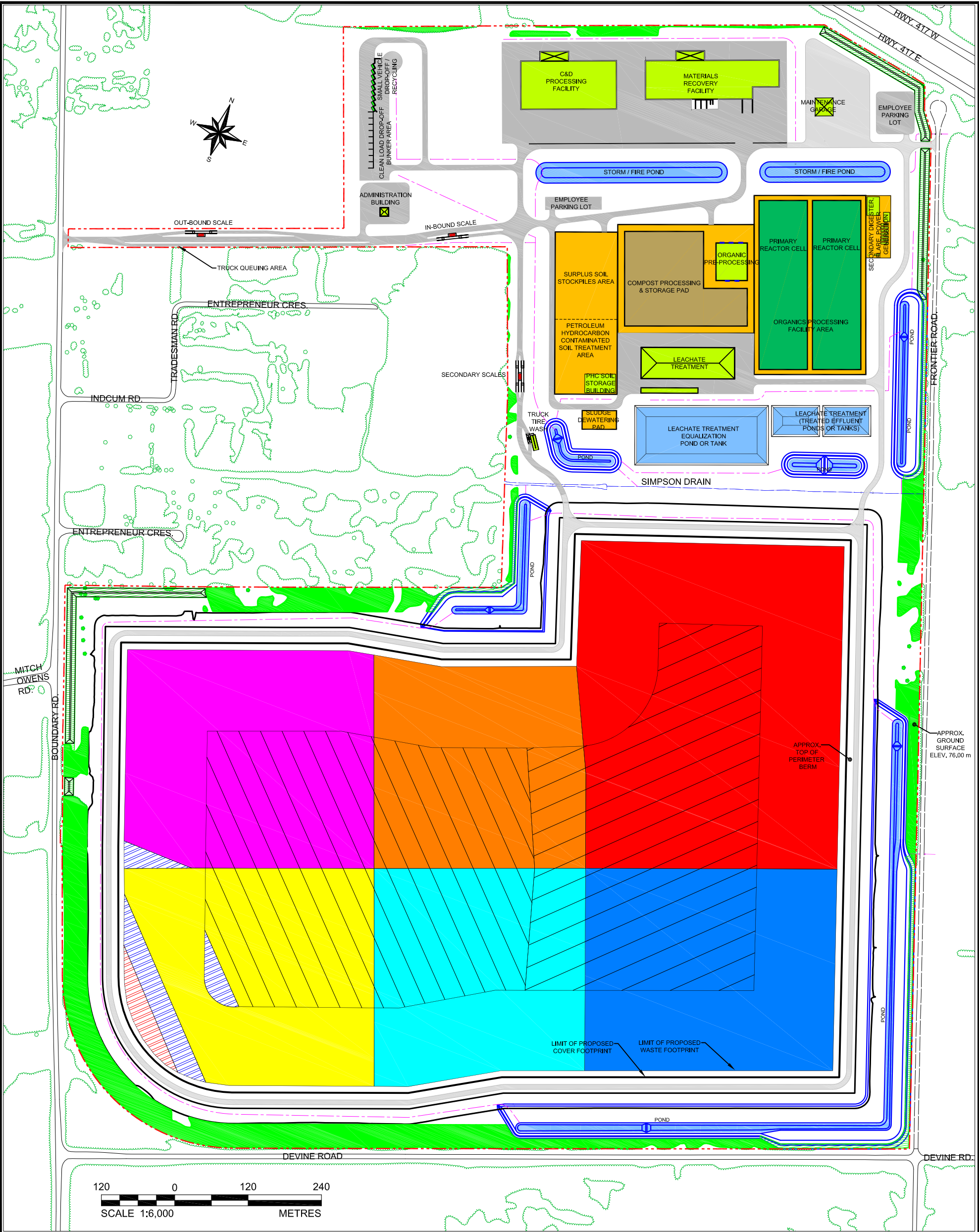
CAPITAL REGION RESOURCE RECOVERY CENTRE

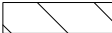
FIGURE

6

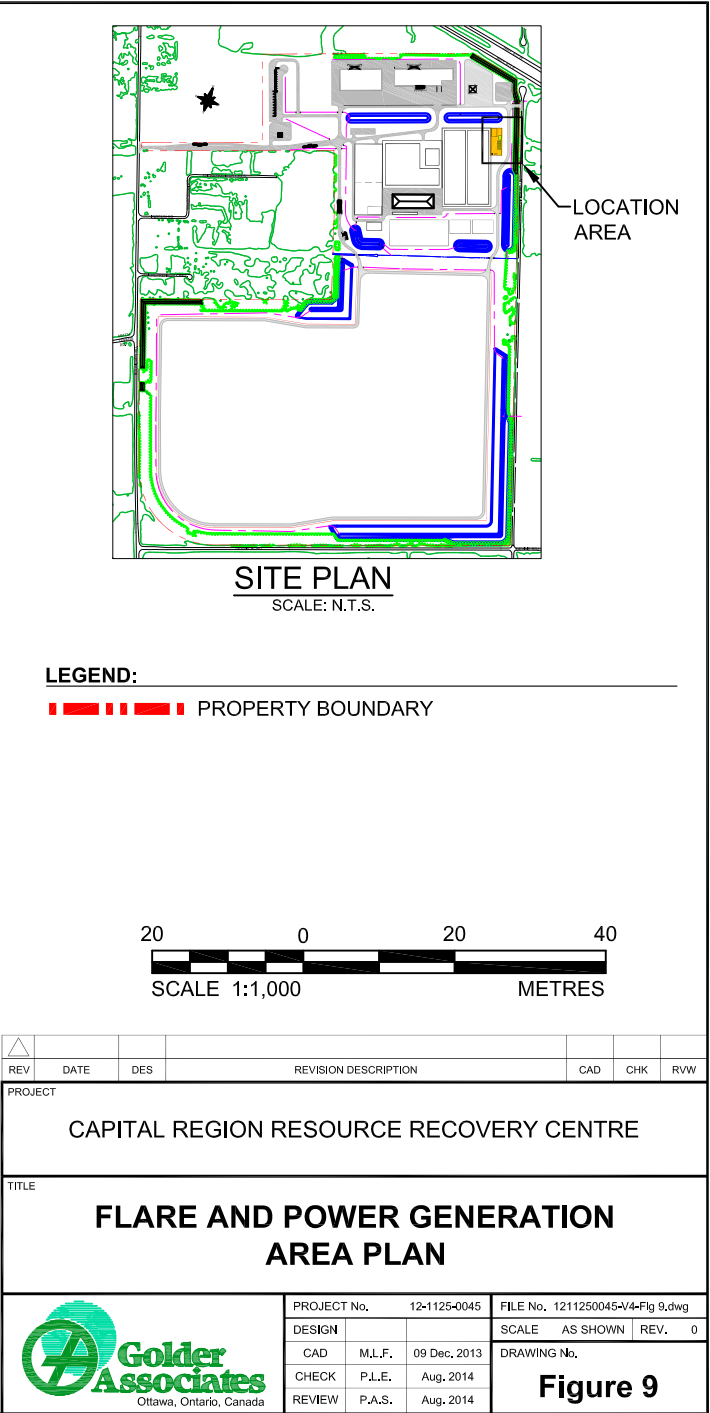
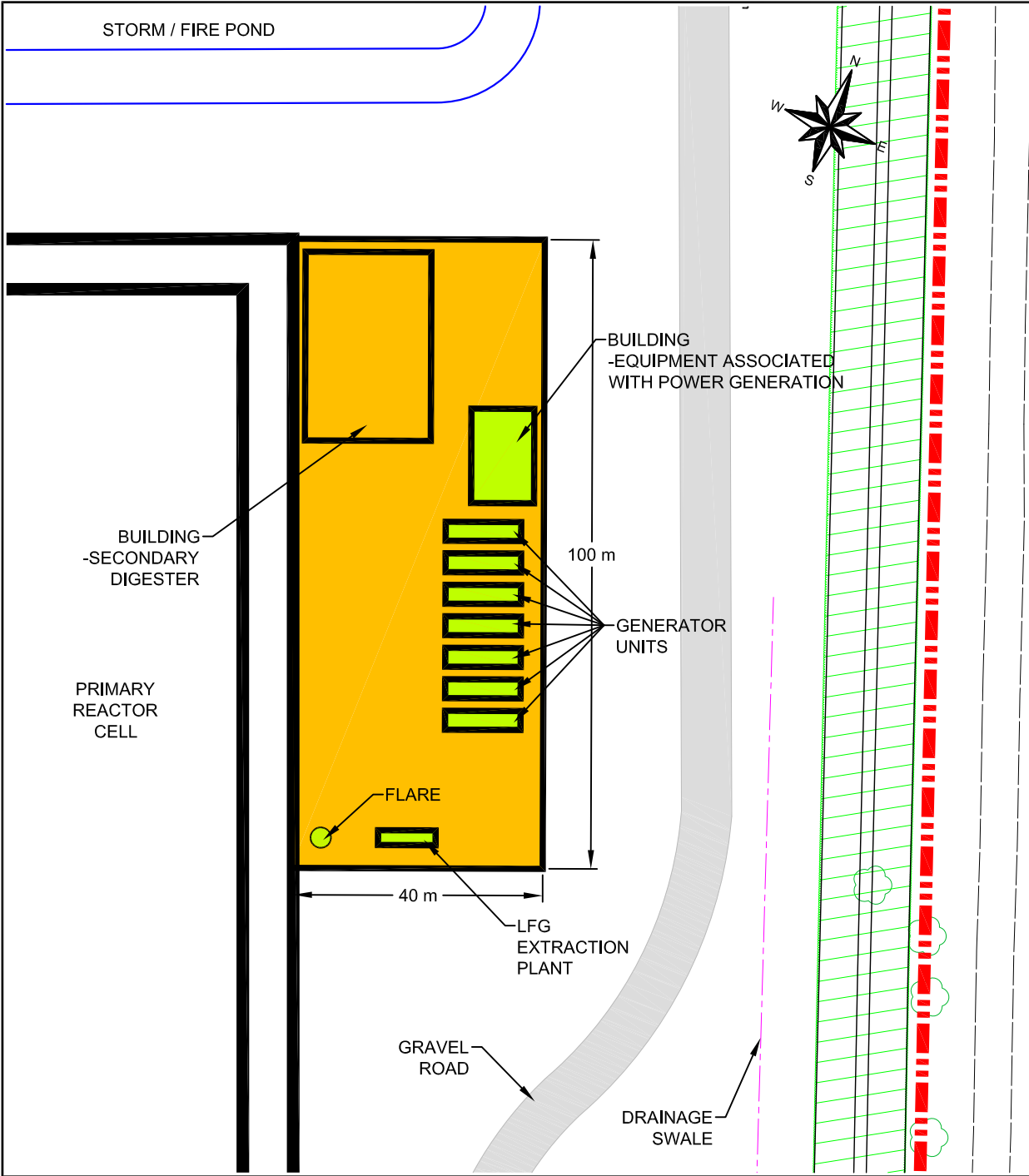


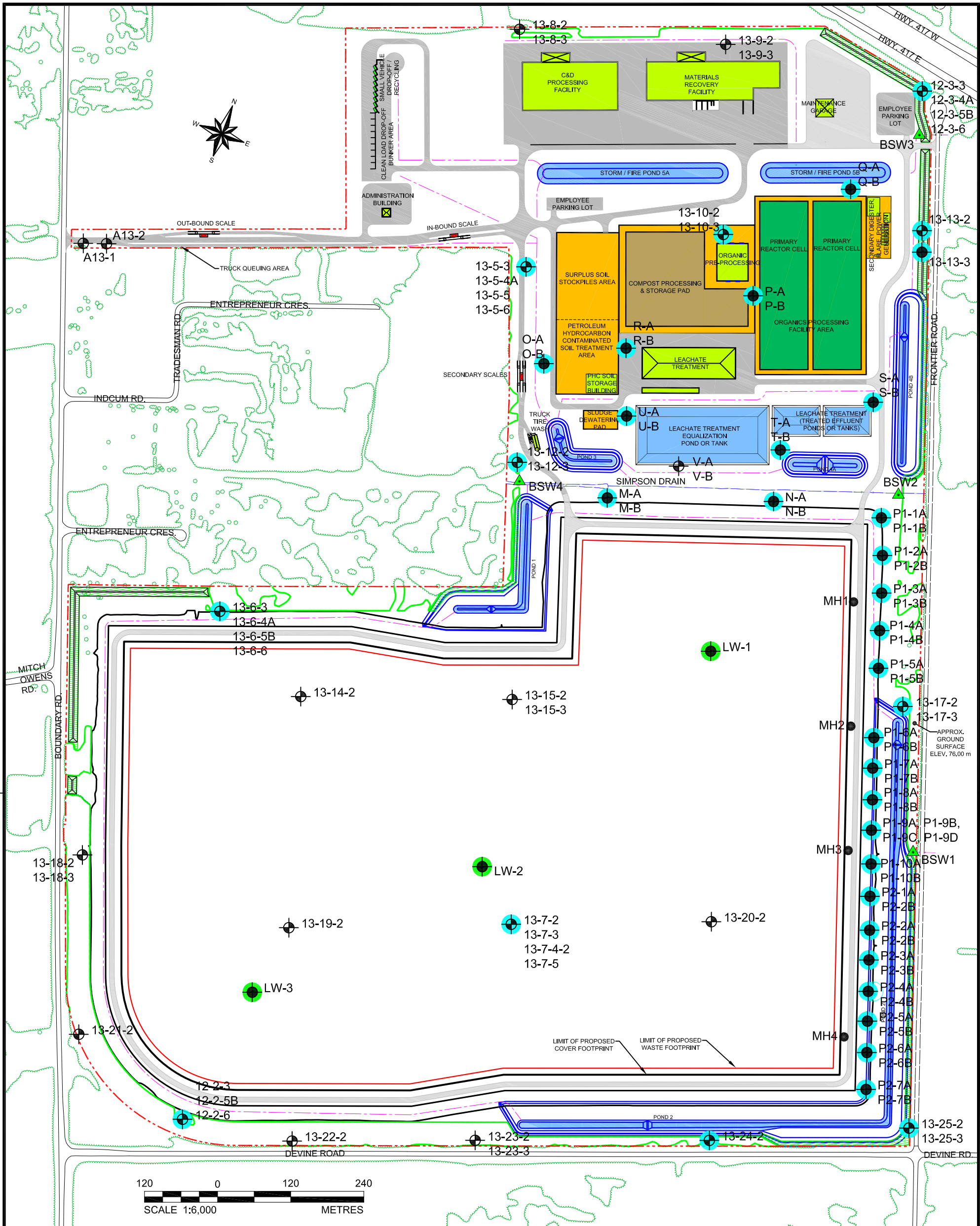
PROJECT				
CAPITAL REGION RESOURCE RECOVERY CENTRE				
TITLE				
SITE OPERATIONS FLOW CHART				
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	DESIGN	ALC	DEC 2013	
	GIS	---	---	
	CHECK	PLE	AUG 2014	
	REVIEW	PAS	AUG 2014	
FIGURE 7				



LEGEND							
	PROPOSED FACILITY BUILDING		EXISTING VEGETATION SCREENING		PHASE 1		PHASE 7
	OUTDOOR DIVERSION AREA		CONSTRUCTED SCREENING FEATURE		PHASE 2		PHASE 8
	PAVED ROAD (ASPHALT)		PERIMETER BERM CONTOURS (Interval 1 m)		PHASE 3		LANDFILL OPERATING AREA REQUIRING 2.5 m NOISE BERM
	GRAVEL ROAD		STORMWATER MANAGEMENT PONDS		PHASE 4		LANDFILL OPERATING AREA REQUIRING 3 m NOISE BERM
	PROPERTY BOUNDARY				PHASE 5		
					PHASE 6		

 Golder Associates Ottawa, Ontario, Canada		SCALE	AS SHOWN	TITLE
		DATE	2013-11-29	
		DESIGN	M.L.F.	
		CAD	M.L.F./B.R.	
FILE No. 1211250045-V4-Fig 8.dwg		CHECK	P.L.E.	NOISE SCREENING BERM LOCATIONS
PROJECT No. 12-1125-0045	REV.	REVIEW	P.A.S.	
CAPITAL REGION RESOURCE RECOVERY CENTRE				FIGURE 8

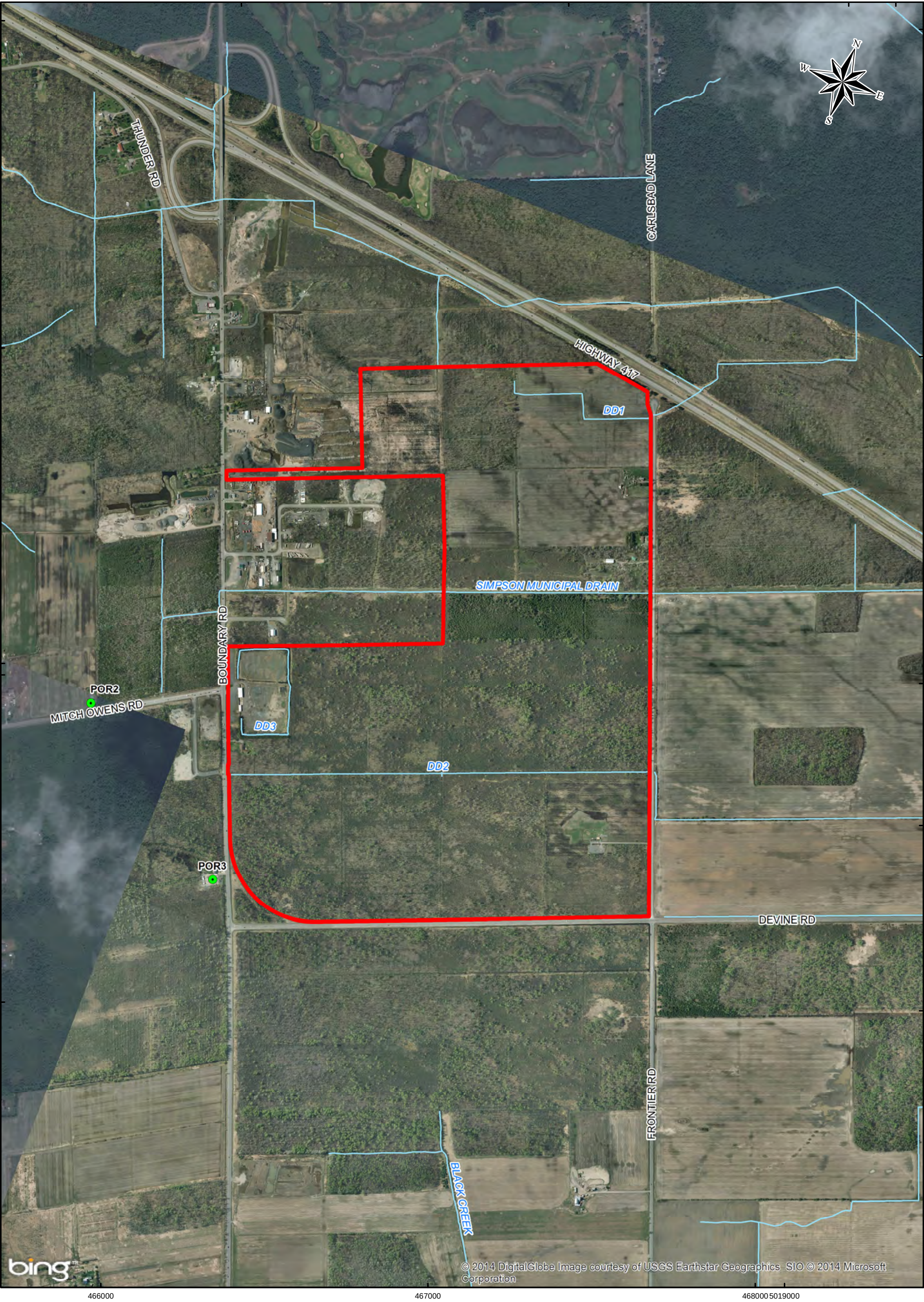




LEGEND			
	PROPOSED FACILITY BUILDING		CONSTRUCTED SCREENING FEATURE
	OUTDOOR DIVERSION AREA		PERIMETER BERM CONTOURS (interval 1 m)
	PAVED ROAD (ASPHALT)		STORMWATER MANAGEMENT PONDS
	GRAVEL ROAD		EXISTING GROUNDWATER MONITORING WELL (SAMPLING PROGRAM)
	PROPERTY BOUNDARY		EXISTING GROUNDWATER MONITORING WELL (WATER LEVELS ONLY)
	EXISTING VEGETATION SCREENING		PROPOSED GROUNDWATER MONITORING WELL
			SURFACE WATER SAMPLING STATION
			PROPOSED LEACHATE MONITORING WELL
			LEACHATE DETECTION AND SECONDARY CONTAINMENT SYSTEM MANHOLE

 Golder Associates Ottawa, Ontario, Canada	SCALE	AS SHOWN	PROPOSED GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS
	DATE	7 Nov, 2013	
	DESIGN	M.L.F.	
	CAD	M.L.F.	
FILE No. 1211250045-V4-Fig 10.dwg	CHECK	P.L.E.	CAPITAL REGION RESOURCE RECOVERY CENTRE
PROJECT No. 12-1125-0045	REVIEW	P.A.S.	
REV.			FIGURE 10

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LEGEND

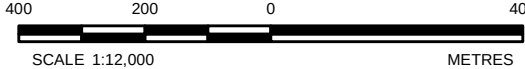
- APPROXIMATE NOISE MONITORING LOCATION
- SURFACE WATER FEATURE
- PROPERTY BOUNDARY

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT.

REFERENCE

BACKGROUND IMAGERY - BING MAPS AERIAL (C) 2010 MICROSOFT CORPORATION AND ITS DATA SUPPLIERS.
AERIAL PHOTOGRAPHS PURCHASED FROM THE CITY OF OTTAWA.
LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2012.
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 18



PROJECT				
CAPITAL REGION RESOURCE RECOVERY CENTRE				
TITLE				
PROPOSED NOISE MONITORING LOCATIONS				
Golder Associates Ottawa, Ontario	PROJECT No. 12-1125-0045			SCALE AS SHOWN
	DESIGN	TG	DEC. 2013	FIGURE 11
	GIS	BR	DEC. 2013	
	CHECK	PLE	AUG. 2014	
	REVIEW	PAS	AUG. 2014	