



Project: Our Lady of Fatima Catholic School
Site Work
Chatham, Ontario
SCCDSB 619-CP1706

Project ID: ROA16-050

Addendum: 2

Attention: Project Bidders

Date: May 08, 2017

This Addendum is hereby made a part of the Contract Documents and modifies the original Bidding Documents as noted below. The following additions, deletions and amendments shall be incorporated into the bid submission.

2.1 Refer to Specification.

- .1 Enclosed if a draft Copy of the Geotechnical Bore Holes for Contractor Reference.
- .2 Note for Bidders: Upon removal of topsoil and or deleterious materials (asphalt, etc.) , any areas needing to be built up to subgrade elevation shall be done using Granular B compacted to 98% SPMDD In accordance with Submitted Unit Prices.

2.2 Refer to Drawing AS101

- .1 Clarification: Provide tactile strips as per sketch 1-AD2.

END OF ADDENDUM

PREPARED BY THE CONSULTANT

Joseph Ouellette

Project Manager | ROA Studio

Signature

05-08-2017

Date: MM.DD.YEAR



RECORD OF BOREHOLE No. BH1

Project Number: SWW177161 Drilling Method: 180 mm O.D. Hollow Stem Augers
 Project Client: St. Clair Catholic District School Board Drilling Machine: CME 55
 Project Name: Our Lady of Fatima School Date Started: 01 May 2017 Date Completed: 01 May 2017
 Project Location: Chatham, Ontario Logged by: SS Compiled by: SS
 Drilling Location: N4696051, E399498 Reviewed by: SM Revision No.: 0



LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING		INSTRUMENTATION INSTALLATION	COMMENTS & GRAIN SIZE DISTRIBUTION (%)
Lithology Plot	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing ○ SPT ● DCPT MTO Vane* Intact ◊ Intact ▲ Remould ◆ Remould ■ Undrained Shear Strength (kPa) (from P. Penetrometer tests) 20 40 60 80	Atterberg Limits W _p — W — W _L Plastic — Liquid * Passing 75 um (%) ○ Moisture Content (%) ★ Unit Weight (KN/m ³) 20 40 60 80		
	Local Ground Surface Elevation: 99.3 m										
	TOPSOIL (200 mm thick)										
	FILL Silty clay, some sand, trace gravel Grey	SS	1	54	11	1	99	○	○21		
	SILTY SAND Some clay, trace gravel Brown	SS	2	83	9	2	98	○	○21		
	SILTY CLAY Some sand, trace gravel Brown Stiff	SS	3	89	9	3	97	○	○26		
	Grey Firm	SS	4a	100	5	3	96	○	○33		
	Soft	SS	b	100	5	3	96	○	○24		
		SS	5	100	2	4	95	○	○30		
		SS	6	100	2	4	95	○	○26		
	END OF BOREHOLE (no refusal)					5	94.2				
						6	94				
						7	93				
						7	92				

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∇ No freestanding groundwater observed in open borehole upon completion of drilling.

Borehole details, as presented, do not constitute a thorough understanding of all potential conditions present and requires interpretive assistance from a qualified Geotechnical Engineer. Also, borehole information should be read in conjunction with the geotechnical report for which it was commissioned and the accompanying 'Explanation of Borehole Log'.

RECORD OF BOREHOLE No. BH2

Project Number: **SWW177161** Drilling Method: **180 mm O.D. Hollow Stem Augers**
 Project Client: **St. Clair Catholic District School Board** Drilling Machine: **CME 55**
 Project Name: **Our Lady of Fatima School** Date Started: **01 May 2017** Date Completed: **01 May 2017**
 Project Location: **Chatham, Ontario** Logged by: **SS** Compiled by: **SS**
 Drilling Location: **N4696097, E399346** Reviewed by: **SM** Revision No.: **0**



Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING		INSTRUMENTATION INSTALLATION	COMMENTS & GRAIN SIZE DISTRIBUTION (%)			
	DESCRIPTION	ELEVATION (m)	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing ○ SPT ● DCPT	Atterberg Limits W _p W L _p W _u		GR	SA	SI	CL
	Local Ground Surface Elevation: 99.3 m														
	ASPHALT (50 mm thick)	99.7													
	FILL	99.0													
	Coarse sand, some gravel	0.3													
	FILL														
	Fine sand														
	Brown	98.6													
	SILTY CLAY	0.7	SS	1	50	7	1	○		23					
	Some sand, trace gravel														
	Mottled brown and grey														
	Firm	97.9													
	SILTY SAND	1.4	SS	2	72	13	2	○		25					
	Brown														
	Compact	97.2													
	SANDY SILT	2.1	SS	3	100	28		○		19					
	Grey	96.4													
	SILTY CLAY	2.9	SS	4	100	2	3	○		28					
	Some sand, trace gravel														
	Grey														
	Very soft	96.4													
		95.0	SS	5	100	2	4	○		30					
		94.3	SS	6	100	1	5	○		29					
	END OF BOREHOLE (no refusal)	5.0					5								

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▽ Groundwater measured at a depth of 1.7 m upon completion of drilling.

Borehole details, as presented, do not constitute a thorough understanding of all potential conditions present and requires interpretive assistance from a qualified Geotechnical Engineer. Also, borehole information should be read in conjunction with the geotechnical report for which it was commissioned and the accompanying 'Explanation of Borehole Log'.

RECORD OF BOREHOLE No. BH3

Project Number: **SWW177161** Drilling Method: **180 mm O.D. Hollow Stem Augers**
 Project Client: **St. Clair Catholic District School Board** Drilling Machine: **CME 55**
 Project Name: **Our Lady of Fatima School** Date Started: **01 May 2017** Date Completed: **01 May 2017**
 Project Location: **Chatham, Ontario** Logged by: **SS** Compiled by: **SS**
 Drilling Location: **N4696046, E399619** Reviewed by: **SM** Revision No.: **0**



Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING		INSTRUMENTATION INSTALLATION	COMMENTS & GRAIN SIZE DISTRIBUTION (%)
	DESCRIPTION	ELEVATION (m)	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing	Atterberg Limits		
	Local Ground Surface Elevation: 99.1 m											
	ASPHALT (76 mm thick)	99.1										
	FILL Silty clay, some sand, some gravel Grey	98.6										
	FILL Silty clay, some sand, trace gravel Mottled brown and grey	97.8	SS	1	83	11	1	98	○	○22		
	SANDY SILT Some clay Mottled brown and grey Compact	97.8	SS	2	83	15	2	97	○	○24		
	Grey	96.2	SS	3	89	14	3	96	○	○25		
	SILTY CLAY Some sand, trace gravel Grey Soft	96.2	SS	4	100	3	4	95	○	○29		
	Very soft	94.1	SS	5	100	2	5	94	○	○26		
	SS	94.1	SS	6	100	1	6	93	○	○30		
	END OF BOREHOLE (no refusal)	5.0					7	92				

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∇ No freestanding groundwater observed in open borehole upon completion of drilling. ■ Cave in measured at a depth of 4.0 m upon completion of drilling.

Borehole details, as presented, do not constitute a thorough understanding of all potential conditions present and requires interpretive assistance from a qualified Geotechnical Engineer. Also, borehole information should be read in conjunction with the geotechnical report for which it was commissioned and the accompanying 'Explanation of Borehole Log'.

RECORD OF BOREHOLE No. BH4

Project Number: SWW177161 Drilling Method: 180 mm O.D. Hollow Stem Augers
 Project Client: St. Clair Catholic District School Board Drilling Machine: CME 55
 Project Name: Our Lady of Fatima School Date Started: 01 May 2017 Date Completed: 01 May 2017
 Project Location: Chatham, Ontario Logged by: SS Compiled by: SS
 Drilling Location: N4695993, E399574 Reviewed by: SM Revision No.: 0

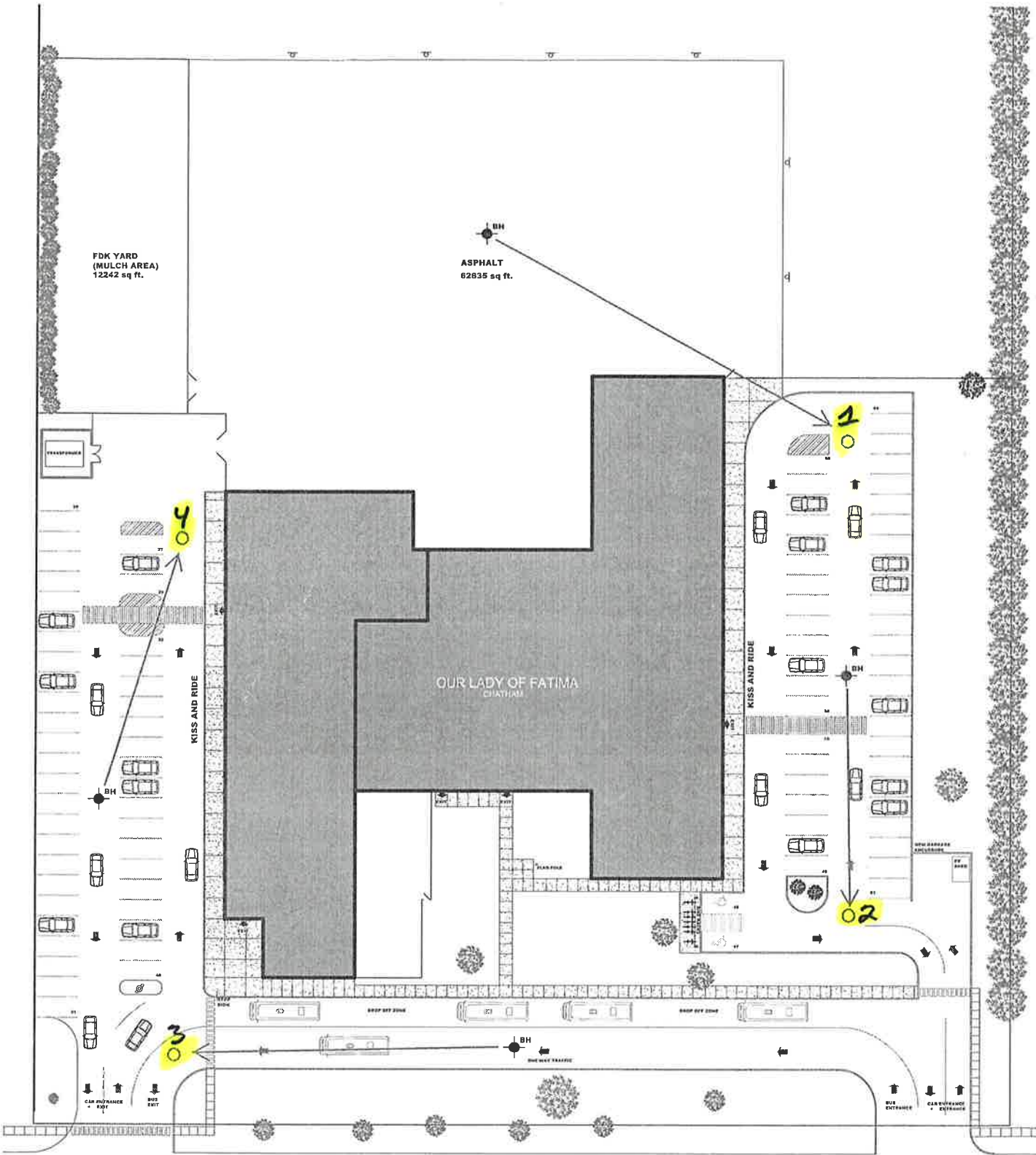


Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				FIELD TESTING		LAB TESTING		INSTRUMENTATION INSTALLATION	COMMENTS & GRAIN SIZE DISTRIBUTION (%)
	DESCRIPTION	ELEVATION (m)	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value	DEPTH (m)	ELEVATION (m)	Penetration Testing	Atterberg Limits		
	Local Ground Surface Elevation: 99.1 m											
	ASPHALT (100 mm thick)	99.0					99					
	FILL Coarse sand, some gravel	98.8										
	FILL Fine sand Brown	0.3										
	SANDY SILT Some clay Mottled brown and grey Compact	98.1	SS	1	83	11	1	98	○	○24		
	Grey	1.1										
			SS	2	78	13			○	○23		
							2	97				
			SS	3	72	17			○	○18		
	SILTY CLAY Some sand, trace gravel Grey Soft	96.2										
	Very soft	2.9	SS	4	100	3	3	96	○	○27		
			SS	5	50	WOH	4	95		○28		
			SS	6	50	WOH			■	○30		
	END OF BOREHOLE (no refusal)	93.8	VT				5	94	▲	▲21		
		5.3										
							6	93				
							7	92				

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∇ No freestanding groundwater observed in open borehole upon completion of drilling. ■ Cave in measured at a depth of 4.6 m upon completion of drilling.

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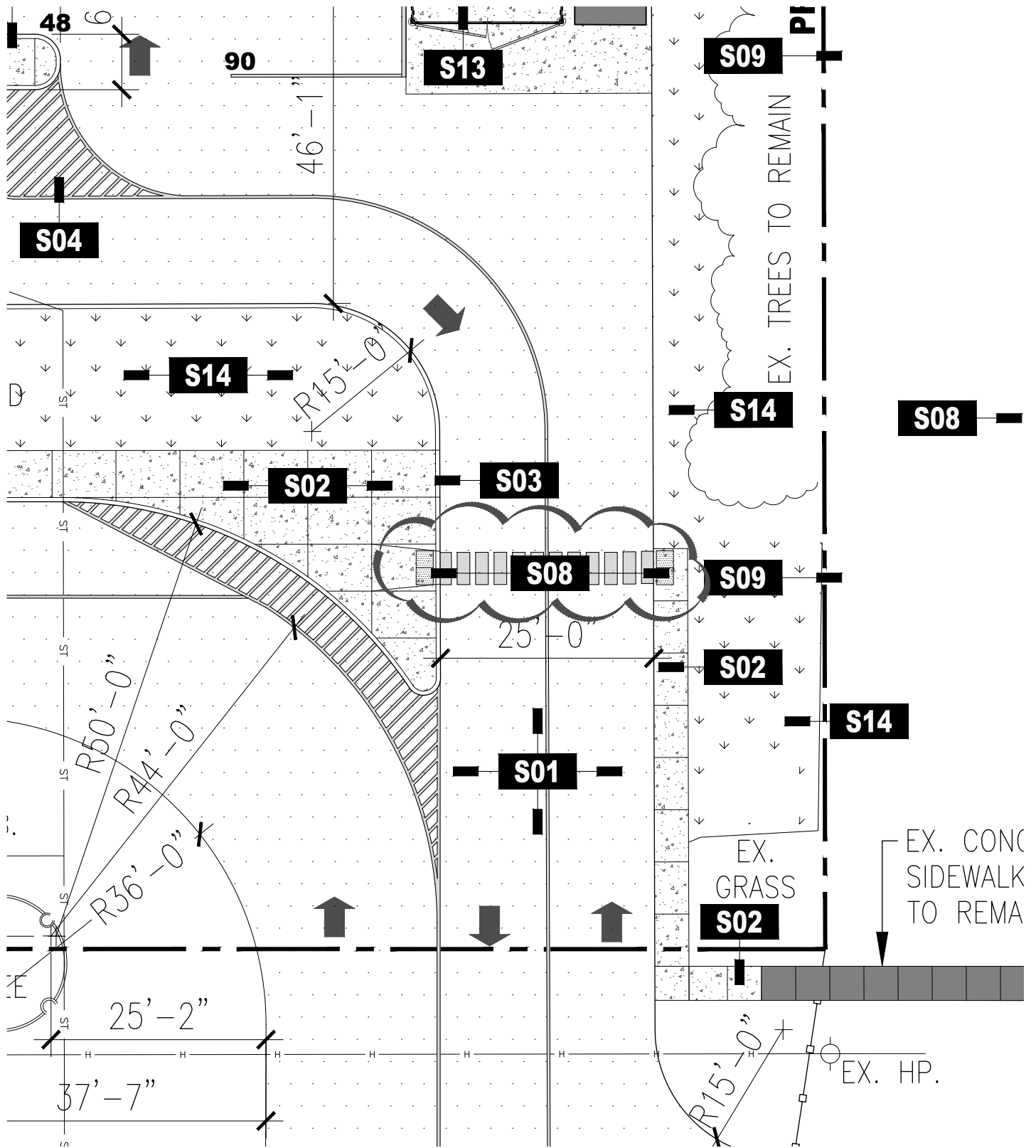


ISSUED FOR BIDS

01 PARTIAL SITE PLAN

SCALE: 3/16" = 1'-0"


CONSULTANT	DISCIPLINE SEAL	PROJECT IDENTIFICATION	DRAWING IDENTIFICATION	ROA INTERNAL INFO	COPYRIGHT 2017
<p>ROA studio inc. 67 King Street West, Chatham ON N7M 1C7 tel. 519.397.0943 email. info@roastudio.com</p>		<p>OUR LADY OF FATIMA SCHOOL 545 BALDOON RD, CHATHAM ONTARIO</p>	<p>GEOTECHNICAL RFP</p>	<p>ARCHITECTURE PROJECT ID: ROA13-339 DRAWN BY: P. JAMES REVIEWED BY: J. OUELLETTE DATE: 02.10.2017 SCALE: AS NOTED</p>	<p>SK01</p>



ROA16-050 OUR LADY FATIMA CATHOLIC SCHOOL SITE WORK

01 REVISED PARTIAL SITE PLAN

AD2 SCALE: NTS

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 <p>67 King Street West, Chatham ON N7M 1C7 tel. 519.397.0943 email. info@roastudio.com</p>		<p>OUR LADY FATIMA CATHOLIC SCHOOL SITE WORK 545 BALDOON RD. CHATHAM, ON N7L 5A9</p>	<p>REVISED PARTIAL SITE PLAN</p>	<p>ARCHITECTURE PROJECT ID: ROA16-050 DRAWN BY: P.JAMES REVIEWED BY: J. OUELLETTE DATE: 05.08.2017 SCALE: AS NOTED</p>	<p>1-AD2</p>