

Hydro One Networks Inc.

8th Floor, South Tower
483 Bay Street
Toronto, Ontario M5G 2P5
www.HydroOne.com

Tel: (416) 345-5707
Fax: (416) 345-5866
Andrew.skalski@HydroOne.com

Andrew Skalski

Director – Applications
Regulatory Affairs



BY COURIER

November 26, 2008

Ms. Kirsten Walli
Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON
M4P 1E4

Dear Ms. Walli:

Re: Service Area Amendment between Hydro One Networks Inc. and Veridian Connections Inc.

Hydro One Networks Inc. (“Hydro One”) is making a joint application for a Service Area Amendment with Veridian Connections Inc. (“Veridian”). Given that there will be no adverse impacts on existing customers as this is a new subdivision under development, we ask that the Board dispose of this proceeding without a hearing under Section 21(4)(b) of the *Act*.

The proposed service area amendment will make it clear which utility will serve each phase of a new residential subdivision currently located in the community of Sunderland – Township of Brock, and also avoid duplication of facilities and any associated safety or operational concerns.

The attachments contain the Joint Agreement of service area amendment. Should you have any questions on this application, please contact Yoon Kim at (416) 345-5228.

Respectfully submitted,

ORIGINAL SIGNED BY ANDREW SKALSKI

Andrew Skalski

Attachment

c: Mr. George Armstrong, Veridian Connections Inc.

Joint Application for Service Area Amendment

**Hydro One Networks Inc.
And
Veridian Connections Inc.**

1 **7.0 INTRODUCTION**

2 *This application for a Service Area Amendment is structured to follow the minimum filing requirement*
3 *for Service Area Amendments as specified by the Ontario Energy Board. The requirement wording*
4 *(contained in boxes) and associated section numbering follows that of the filing requirements*
5 *document.*

6
7 **7.1 BASIC FACTS**

8
9 **This application requests approval for the reassignment of distribution service area from**
10 **Veridian Connections Inc. (“Veridian”) to Hydro One Networks Inc. (“Hydro One”) and**
11 **vice-versa. The affected Veridian and Hydro One service areas are located in the**
12 **community of Sunderland.**

13
14
15 **GENERAL**

16
17 **7.1.1 (a)**

18 *Provide the contact information for the applicant*
19 *Contact information includes the name, postal address, telephone number, and, where available, the*
20 *email address and fax number of the person*

21
22
23 **Co-Applicant: Hydro One Networks Inc.**

24 **Contact Information:**

25 Yoon Kim,
26 Applications Analyst – Regulatory Affairs
27 Hydro One Networks Inc.
28 483 Bay Street
29 8th Floor, South Tower
30 Toronto, Ontario M5G 2P5
31 Telephone: 416-345-5228
32 Fax: 416-345-5866
33 Email address: Yoon.Kim@HydroOne.com

34
35 **Co-Applicant: Veridian Connections Inc.**

36 **Contact Information:**

37 George Armstrong,
38 Manager – Regulatory Affairs & Key Projects
39 55 Taunton Road East
40 Ajax, Ontario, L1T 3V3
41 Telephone: 905-427-9870 (ext. 2202)
42 Fax: 905-619-0210
43 Email address: garmstrong@veridian.on.ca

44
45
46 **7.1.1 (b)**

47 *Provide the contact information for the incumbent distributor*

- 48
49
50
 - **Not Applicable**

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51

7.1.1 (c)

Provide every affected customer, landowner, and developer in the area that is the subject of the SAA Application

- **Developer – 667287 Ontario Limited (See Attachment 2 - Letter)**

7.1.1 (d) & (e)

Provide any alternate distributor other than the applicant and the incumbent distributor, if there are any alternate distributors bordering on the area that is the subject of the SAA application; and any representative of the persons listed above including, but not limited to, a legal representative

- **None**

7.1.2 REASONS FOR APPROVAL OF THIS AMENDMENT

Indicate the reasons why this amendment should occur and identify any load transfers eliminated by the proposed SAA.

- **The proposed Fairfield Village subdivision development is bisected by the existing Veridian/Hydro One boundary, where Veridian serves north of the existing boundary line and Hydro One serves south of the existing boundary line. In Phase I of the development Lots 1-8 are clearly outside the existing Hydro One service territory. Lots 9-18 are bisected by the existing boundaries. The amendment proposes that Hydro One will provide service to lots 1-18 on Rennie Street. The remainder of the 62 lots in Phase I, which are in Hydro One’s existing territory and are not affected by the proposed SAA, will be served by Hydro One.**
- **Phase II of the development creates a similar but opposite situation whereby a number of lots are inside existing Veridian territory with the balance in Hydro One or bisected by the boundary. Per the amendment, Veridian will provide service to lots 9b through 17b which represent the Phase II development west of Lot 18 on Rennie Street which are currently in Hydro One’s service area. The remainder of the 24 lots in Phase II, which are in Veridian’s existing territory and are not affected by the proposed SAA, will be served by Veridian.**
- **Hydro One and Veridian agree with the proposed amendment to align the boundary such that Hydro One serves all of Phase I and Veridian serves all of Phase II. This will facilitate work with the developer as it will be clear who will serve each phase of the subdivision, and avoid duplication of facilities and any associated safety or operational concerns. No load transfers will be eliminated by this proposal.**

DESCRIPTION OF PROPOSED SERVICE AREA

7.1.3

Provide a detailed description of the lands that are the subject of the SAA application. For SAA applications dealing with individual customers, the description of the lands should include the lot number, the concession number, and the municipal address of the lands. The address should include the street number, municipality and/or county, and postal code of the lands.

For SAA applications dealing with general expansion areas, the description of the lands should include

- 1 • **Plan of Subdivision – Fairfield Village Lot 12, Concession 5, Township of Brock (See**
2 **Attachment 1 - Map)**

3
4 **7.1.4**

5
6 *Provide one or more maps or diagrams of the area that is the subject of the SAA application.*

- 7
8 • **See Attachment 1 – Map**

9
10 **7.1.4 (a)**

11
12 *Borders of the applicant's service area*

- 13
14 • **See section 7.1.2 of this application (See Attachment 1 - Map)**

15
16 **7.1.4 (b)**

17
18 *Borders of the incumbent distributor's service area*

- 19
20 • **Not Applicable**

21
22 **7.1.4 (c)**

23
24 *Borders of any alternate distributor's service area*

- 25
26 • **Not Applicable**

27
28 **7.1.4 (d)**

29
30 *Territory surrounding the area for which the applicant is making SAA application*

- 31
32 • **The territory surrounding the subdivision is Hydro One service area except the**
33 **north side which is Veridian service area. (See Attachment 1 - Map)**

34
35 **7.1.4 (e)**

36
37 *Geographical and geophysical features of the area including, but not limited to, rivers and lakes,*
38 *property borders, roads, and major public facilities*

- 39
40 • **See Attachment 1 - Map**

41 **7.1.4 (f)**

42
43 *Existing facilities supplying the area that is the subject of the SAA application, if applicable, as well as*
44 *the proposed facilities which will be utilized by the applicant to supply the area that is the subject of the*
45 *SAA application (Note: if the proposed facilities will be utilized to also provide for expansion of load in*
46 *the area that is the subject of the SAA application, identify that as well)*

- 47 • **No existing facilities. The proposed facilities will be Hydro One owned distribution**
48 **line for Phase I and Veridian owned distribution line for Phase II. (See Attachment**
49 **1 - Map)**

1 **DISTRIBUTION INFRASTRUCTURE IN AND AROUND THE PROPOSED**
2 **AMENDMENT AREA**

3
4 **7.1.5**

5
6 *Provide a description of the proposed type of physical connection (i.e., individual customer; residential*
7 *subdivision, commercial or industrial development, or general service area expansion).*

- 8
9
 - **Residential subdivision with individual connections to each lot.**

10
11 **7.1.6**

12
13 *Provide a description of the applicant's plans, if any, for similar expansions in lands adjacent to the*
14 *area that is the subject of the SAA application.*
15 *Provide a map or diagram showing the lands where expansions are planned in relation to the area that*
16 *is the subject of the SAA application.*

- 17
18
 - **Not Applicable**

19
20
21
22 **7.2 EFFICIENT RATIONALIZATION OF THE DISTRIBUTION SYSTEM**

23
24
25 *The proposed SAA will be evaluated in terms of rational and efficient service area realignment. This*
26 *evaluation will be undertaken from the perspective of economic (cost) efficiency as well as engineering*
27 *(technical) efficiency.*

28 *Applicants must demonstrate how the proposed SAA optimizes the use of existing infrastructure. In*
29 *addition, applicants must indicate the long term impacts of the proposed SAA on reliability in the area*
30 *to be served and on the ability of the system to meet growth potential in the area. Even if the proposed*
31 *SAA does not represent the lowest cost to any particular party, the proposed SAA may promote*
32 *economic efficiency if it represents the most effective use of existing resources and reflects the lowest*
33 *long run economic cost of service to all parties.*

34
35
36 **7.2.1 ECONOMIC AND ENGINEERING EFFICIENCY**

37
38 *In light of the above, provide a comparison of the economic and engineering efficiency for the applicant*
39 *and the incumbent distributor to serve the area that is the subject of the SAA application.*
40 *(NOTE: (a), (b), (c), (d), (e), (f), (g), (h))*

41
42 **7.2.1 (a)**

43
44 *Location of the point of delivery and the point of connection*

- 45
46
 - **Hydro One's source of supply is Sunderland DS with the proposed point of delivery at**
47 **Lot 1 of Phase I. Veridian's supply source is Sunderland MS with the proposed point of**
48 **delivery being Lot 9b of Phase II.**

1 **7.2.1 (b)**

2 *Proximity of the proposed connection to an existing distribution system*

- 3
- 4
- 5 • **Almost adjacent to the respective party's existing facilities for each phase of the**
 - 6 **development.**
- 7

8 **7.2.1 (c)**

9 *The fully allocated connection costs for supplying the customer (i.e., individual customers or*

10 *developers) unless the applicant and the incumbent distributor provide a reason why providing the fully*

11 *allocated connection costs is unnecessary for the proposed SAA*

12 *(Note: the Board will determine if the reason provided is acceptable).*

- 13
- 14 • **Connection costs are estimated to be approximately \$2500 per lot.**
- 15

16

17 **7.2.1 (d)**

18 *The amount of any capital contribution required from the customer*

- 19
- 20
 - 21 • **The developer has paid \$50 per lot for design fees.**
 - 22 • **Additional contribution may depend on connection options selected by the**
 - 23 **developer and will be in accordance with Hydro One's policy for Phase I and**
 - 24 **Veridian's policy for Phase II.**
- 25

26

27 **7.2.1 (e)**

28 *Costs for stranded equipment (i.e., lines, cables, and transformers) that would need to be de-energized*

29 *or removed*

- 30
- 31 • **None**
- 32

33 **7.2.1 (f)**

34 *Information on whether the proposed SAA enhances, or at a minimum does not decrease, the reliability*

35 *of the infrastructure in the area that is the subject of the SAA application and in regions adjacent to the*

36 *area that is the subject of the SAA application over the long term*

- 37
- 38 • **Not Applicable. There is no existing infrastructure in the subject area prior to the**
 - 39 **development.**
 - 40 • **As the proposed service area amendment facilitates work with the developer, it will**
 - 41 **be clear who will serve each phase of the subdivision. The amendment also avoids**
 - 42 **duplication of facilities and associated safety and operational concerns.**
- 43

44

45 **7.2.1 (g)**

46 *Information on whether the proposed infrastructure will provide for cost-efficient expansion if there is*

47 *growth potential in the area that is the subject of the SAA application and in regions adjacent to the*

48 *area that is the subject of the SAA application*

- 49
- 50 • **There would be no growth potential in the subject area.**

- 1 • **Expansion options are not limited in any way by this application. Further**
2 **development in the adjacent regions would depend on an individual proposal**
3 **presented by a developer.**
4

5 **7.2.1 (h)**
6

7 *Information on whether the proposed infrastructure will provide for cost-efficient improvements and*
8 *upgrades in the area that is the subject of the SAA application and in regions adjacent to the area that*
9 *is the subject of the SAA application.*

- 10
11 • **The subject area will be completely developed.**
12 • **Undeveloped regions adjacent to this subject area will be poised for cost-efficient**
13 **service.**
14 • **Existing infrastructure will not be affected.**
15

16
17 **7.3 IMPACTS ARISING FROM THE PROPOSED AMENDMENT**
18

19 **Description of Impacts**
20

21 **7.3.1**
22

23 *Identify any affected customers or landowners.*
24

- 25 • **See Section 7.1.1 (c) of this application**
26

27 **7.3.2**
28

29 *Provide a description of any impacts on costs, rates, service quality, and reliability for customers in the*
30 *area that is the subject of the SAA application that arise as a result of the proposed SAA. If an*
31 *assessment of service quality and reliability impacts cannot be provided, explain why.*
32

- 33 • **New sub-development – no existing customer impact**
34

35 **7.3.3**
36

37 *Provide a description of any impacts on costs, rates, service quality, and reliability for customers of*
38 *any distributor outside the area that is the subject of the SAA application that arise as a result of the*
39 *proposed SAA. If an assessment of service quality and reliability impacts cannot be provided, explain*
40 *why.*

- 41 • **There will be no adverse impact as a result of this proposed service area**
42 **amendment.**
43

44 **7.3.4**
45

46 *Provide a description of the impacts on each distributor involved in the proposed SAA. If these impacts*
47 *have already been described elsewhere in the application, providing cross-references is acceptable.*
48

- 49 • **See detailed description of the service area amendment in Section 7.1.2 of this**
50 **application (See Attachment 1 - Map)**

- 1 • There will be no need to amend Hydro One’s distribution licence (ED-2003-0043)
2 for the proposed service area amendment since Township of Brock, the subject
3 municipality for this service area amendment, is already placed in Appendix B Tab
4 4 of Hydro One’s distribution licence and referenced by Veridian’s distribution
5 licence (ED-2002-0503) for the area not served by Hydro One.
6 • Veridian’s distribution licence will be amended as shown in Attachment 3 –
7 Veridian Licence Amendment to reflect the boundary change upon the Board’s
8 approval.

9
10 7.3.5

11 *Provide a description of any assets which may be stranded or become redundant if the proposed SAA is*
12 *granted.*

- 13
14 • None

15
16 7.3.6

17 *Identify any assets that are proposed to be transferred to or from the applicant. If an asset transfer is*
18 *required, has the relevant application been filed in accordance with section 86 of the Act? If not,*
19 *indicate when the applicant will be filing the relevant section 86 application.*

- 20
21 • None

22
23 7.3.7

24 *Identify any customers that are proposed to be transferred to or from the applicant.*

- 25
26
27 • See Section 7.1.1. (c) of this application

28
29 7.3.8

30 *Provide a description of any existing load transfers or retail points of supply that will be eliminated.*

- 31
32 • None

33
34 7.3.9

35 *Identify any new load transfers or retail points of supply that will be created as a result of the proposed*
36 *SAA. If a new load transfer will be created, has the applicant requested leave of the Board in*
37 *accordance with section 6.5.5 of the Distribution System Code (“DSC”)?*

38 *If not, indicate when the applicant will be filing its request for leave under section 6.5.5 of the DSC*
39 *with the Board. If a new retail point of supply will be created, does the host distributor (i.e., the*
40 *distributor who provides electricity to an embedded distributor) have an applicable Board approved*
41 *rate? If not, indicate when the host distributor will be filing an application for the applicable rate.*

- 42
43 • None
44
45
46
47

1 **EVIDENCE OF CONSIDERATION AND MITIGATION OF IMPACTS**

2
3 **7.3.10**

4
5 *Provide written confirmation by the applicant that all affected persons have been provided with specific*
6 *and factual information about the proposed SAA. As part of the written confirmation, the applicant*
7 *must include details of any communications or consultations that may have occurred between*
8 *distributors regarding the proposed SAA.*

- 9
 - **See Attachment 2 – Letter (Please note that only lots 1 through 18 and 9b through 17b are affected by this service area amendment. The remaining lots in the development are in either Hydro One’s or Veridian’s existing service area and are unaffected by the proposed SAA.)**

10
11
12
13
14 **7.3.11**

15
16 *Provide a letter from the incumbent distributor in which the incumbent distributor indicates that it*
17 *consents to the application.*

- 18
 - **Not Applicable (Joint Application)**

19
20 **7.3.12**

21
22 *Provide a written response from all affected customers, developers, and landowners consenting to the*
23 *application, if applicable.*

- 24
 - **See Attachment 2 - Letter**

25
26 **7.3.13**

27
28 *Provide evidence of attempts to mitigate impacts where customer and/or asset transfers are involved*
29 *(i.e., customer rate smoothing or mitigation, and compensation for any stranded assets).*

- 30
 - **Not Applicable. There will be no adverse impacts on existing customers as this is a new subdivision development.**

31
32
33
34 **7.4 CUSTOMER PREFERENCE**

35
36 The Board, in the RP-2003-0044 decision, stated that customer preference is an important, not
37 overriding consideration when assessing the merits of an SAA.

38
39 **7.4.1**

40
41 *An applicant who brings forward an application where customer choice may be a factor must provide a*
42 *written statement signed by the customer (which includes landowners and developers) indicating the*
43 *customer's preference.*

- 44
 - **Not Applicable**

45
46 **7.5 ADDITIONAL INFORMATION REQUIREMENTS FOR CONTESTED**
47 **APPLICATIONS**

48
49 *If there is no agreement among affected persons regarding the proposed SAA, the applicant must file*
50 *the additional information set out below.*

1 **7.5.1**

2 *If the application was initiated due to an interest in service by a customer, landowner, or developer,*
3 *evidence that the incumbent distributor was provided an opportunity to make an offer to connect that*
4 *customer, landowner, or developer.*

- 5
- 6 • **Not Applicable – the Parties agree**
- 7

8 **7.5.2**

9 *Evidence that the customer, landowner, or developer had the opportunity to obtain an offer to connect*
10 *from the applicant and any alternate distributor bordering on the area that is the subject of the SAA*
11 *application.*

- 12
- 13 • **Not Applicable – the Parties agree**
- 14

15 **7.5.3**

16 *Actual copies of, as well as a summary of, the offer(s) to connect documentation (including any*
17 *associated financial evaluations carried out in accordance with Appendix B of the Distribution System*
18 *Code). The financial evaluations should indicate costs associated with the connection including, but not*
19 *limited to, on-site capital, capital required to extend the distribution system to the customer location,*
20 *incremental up-stream capital investment required to serve the load, the present value of incremental*
21 *OM&A costs and incremental taxes as well as the expected incremental revenue, the amount of revenue*
22 *shortfall, and the capital contribution requested.*

- 23
- 24 • **Not Applicable – the Parties agree**
- 25

26 **7.5.4**

27 *If there are competing offers to connect, a comparison of the competing offers to connect the customer,*
28 *landowner, or developer.*

- 29
- 30 • **Not Applicable – the Parties agree**
- 31

32 **7.5.5**

33 *A detailed comparison of the new or upgraded electrical infrastructure necessary for each distributor*
34 *to serve the area that is the subject of the SAA application, including any specific proposed*
35 *connections.*

36

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47

- Not Applicable – the Parties agree

7.5.6

Outage statistics or, if outage statistics are not available, any other information regarding the reliability of the existing line(s) of each distributor that are proposed to supply the area that is the subject of the SAA application.

- Not Applicable – the Parties agree

7.5.7

Quantitative evidence of quality and reliability of service for each distributor for similar customers in comparable locations and densities to the area that is the subject of the SAA application.

- Not Applicable – the Parties agree

7.6 OTHER

It is the sole responsibility of the Applicant to provide all information that is relevant and that would assist the Board in making a determination in this matter. Failure to provide key information may result in a delay in the processing of the application or in the denial of the application.

7.7 WRITTEN CONSENT/JOINT AGREEMENT

Both parties Hydro One Networks Inc. and Veridian Connections Inc. agree to all the statements made in this application

A. Skalski
Andrew Skalski
Director – Applications
Hydro One Networks Inc.

George Armstrong
George Armstrong
Manager - Regulatory Affairs & Key Projects
Veridian Connections Inc.

Dated: Nov. 26/2008

Dated: Nov. 25, 2008

7.8 REQUEST FOR NO HEARING

Does the applicant request that the application be determined by the Board without a hearing? If yes, please provide:


(a) an explanation as to how no person, other than the applicant and the proposed recipient, will be adversely affected in a material way by the outcome of the proceeding
AND

(b) the proposed recipient's written consent to the disposal of the application without a hearing.

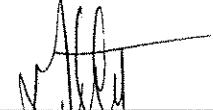
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

(a) There will be no adverse impacts on existing customers as this is a new subdivision under development. Also this proposed service area amendment will make it clear who will serve each phase of the subdivision, and avoid duplication of facilities and any associated safety or operational concerns.

(b) Both parties to this application request that the Board dispose of this proceeding without a hearing under Section 21(4)(b) of *the Act*.



Andrew Skalski
Director - Applications
Hydro One Networks Inc.
Dated: Nov. 26/2008

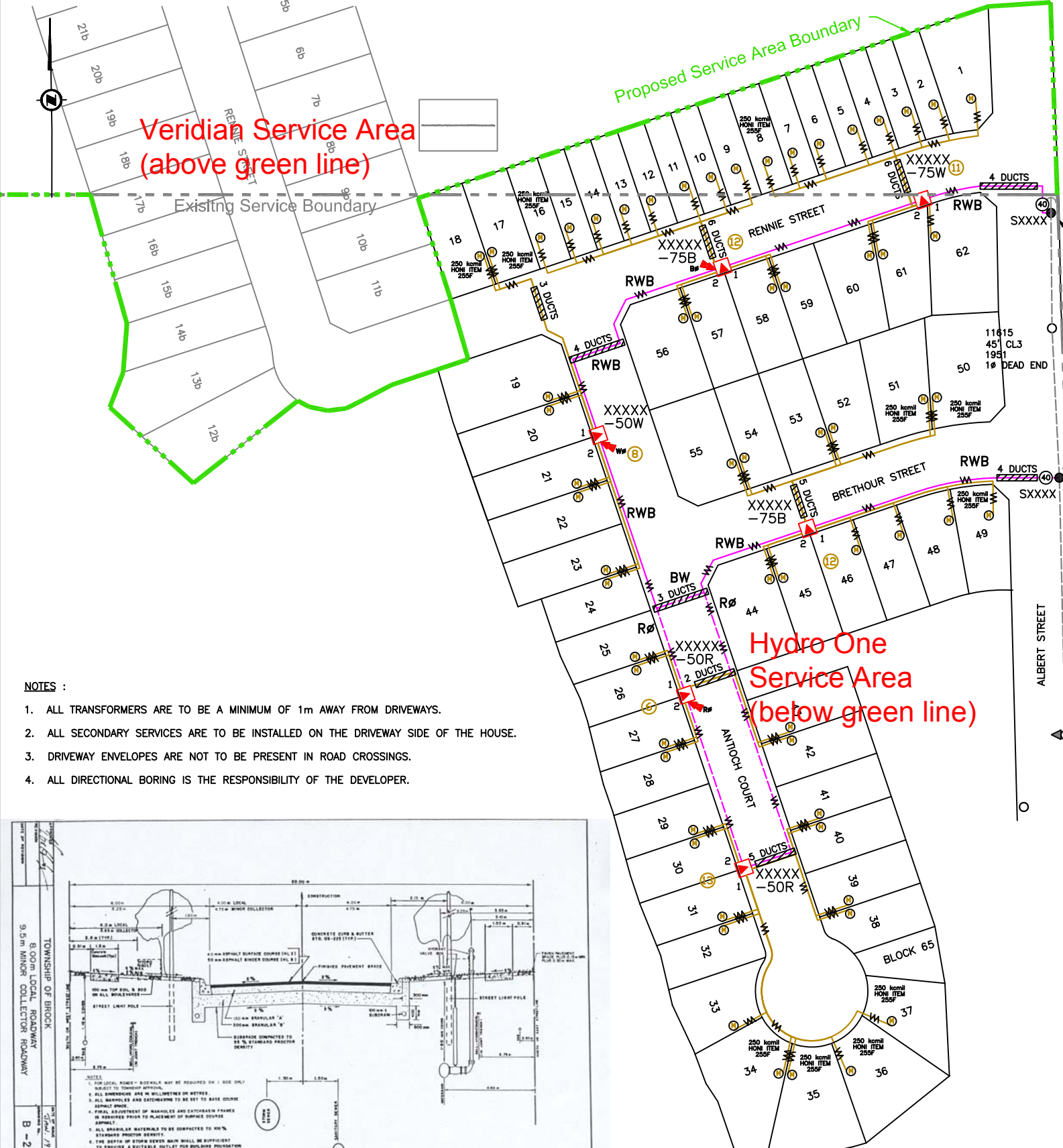


George Armstrong
Manager - Regulatory Affairs & Key Projects
Veridian Connections Inc.
Dated: Nov. 25, 2008

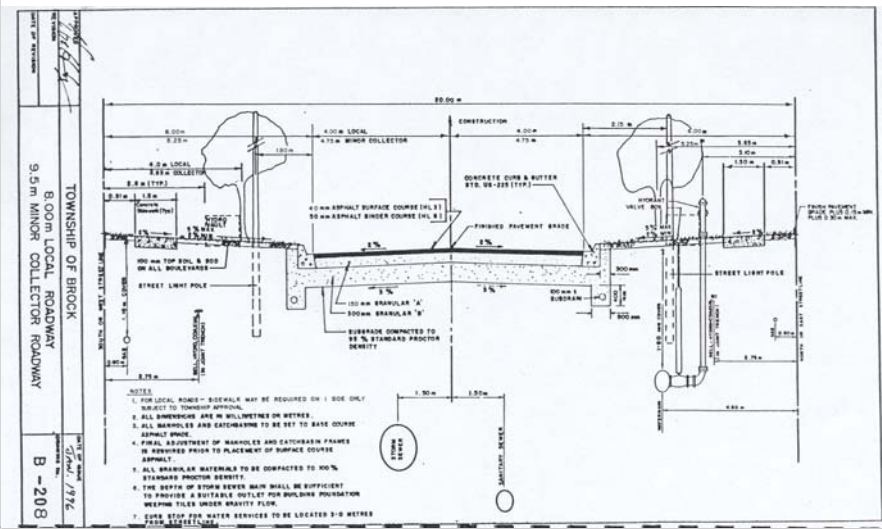
ATTACHMENT 1 – MAPS

ATTACHMENT 2 - LETTER

**ATTACHMENT 3 –
Veridian Licence Amendment**



- NOTES :**
1. ALL TRANSFORMERS ARE TO BE A MINIMUM OF 1m AWAY FROM DRIVEWAYS.
 2. ALL SECONDARY SERVICES ARE TO BE INSTALLED ON THE DRIVEWAY SIDE OF THE HOUSE.
 3. DRIVEWAY ENVELOPES ARE NOT TO BE PRESENT IN ROAD CROSSINGS.
 4. ALL DIRECTIONAL BORING IS THE RESPONSIBILITY OF THE DEVELOPER.



SYMBOLS AND LINE TYPES

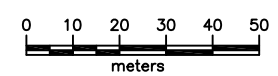
<p>WA — 3 PHASE UNDER GROUND PRIMARY (HONI ITEM # 255H,2/0 Alum.)</p> <p>WA — 2 PHASE UNDER GROUND PRIMARY (HONI ITEM # 255H,2/0 Alum.)</p> <p>WA — 1 PHASE UNDER GROUND PRIMARY (HONI ITEM # 255H,2/0 Alum.)</p> <p>WA — UNDER GROUND SECONDARY TRIPLEX (HONI ITEM # 255C, 3/0 Alum.) UNLESS OTHERWISE SPECIFIED.</p> <p>2 Ducts — DUCTS WITH NUMBER REQUIRED</p> <p>⊙ — FAULT INDICATOR</p> <p>⊠ — 12345 LOW PROFILE PADMOUNT TRANSFORMER FAULT INDICATOR INSTALLED ON EGRESS SHOWING TRANSFORMER NUMBER & KVA SIZE — NUMBER OF SERVICES, ELBOW NUMBER AND PHASE</p>	<p>⊠ — 34567 LOW PROFILE PADMOUNT TRANSFORMER — SWITCHABLE(16KV ONLY) FAULT INDICATOR INSTALLED ON EGRESS SHOWING TRANSFORMER NUMBER & KVA SIZE — NUMBER OF SERVICES, ELBOW NUMBER AND PHASE</p> <p>⊠ — 123 SWITCHING VAULT/KIOSK & NUMBER</p> <p>⊠ — SXXXX PRIMARY SWITCH, NUMBER & FUSE SIZE</p> <p>⊠ — OPEN POINT</p> <p>⊠ — U/G SYMBOL</p> <p>⊠ — METER BASE NOTE: METERS MUST BE LOCATED ON DRIVEWAY SIDE OF BUILDING.</p> <p>⊠ — GANG METER BASE</p> <p>⊠ — POLE</p>
--	--

3Ø LINE UP GRADE TO BE CONSTRUCTED TO ENTRANCE POINT OF SUBDIVISION

EXACT DIP POLE (DU-08-201) LOCATION TO BE VERIFIED BY HYDRO ONE AREA TECH. ROAD BORE REQUIRED

Existing Service Boundary

26758
40' 1951
3Ø DEAD END



DESIGN APPROVED

DEVELOPER: _____ DATE: _____

CONSULTANT: _____ DATE: _____

MUNICIPALITY: _____ DATE: _____

THIS DRAWING IS NOT FOR CONSTRUCTION

DRAWING FILE DISCLAIMER

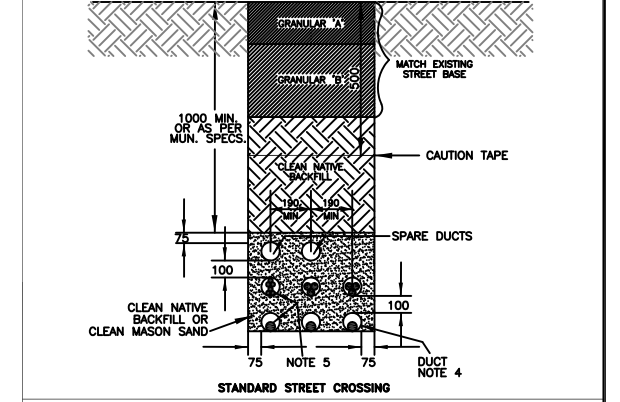
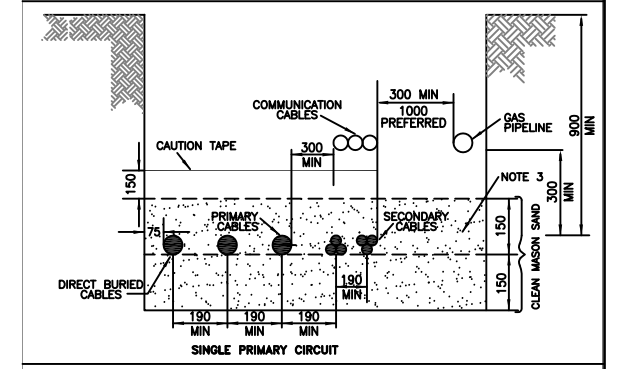
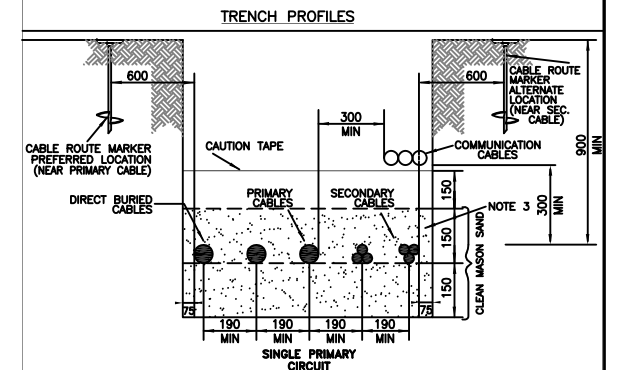
This is a preliminary electronic version of the identified development. This drawing file has been provided for information and review purposes only. The drawing file shall not be modified in any manner except with written authorization from Hydro One Networks Inc.

PRELIMINARY PRINT FOR CHECKING

IMPORTANT DESTROY ALL OUTDATED REVISIONS OF THIS PRINT. FOR COPIES OF CURRENT REVISION, CONTACT HYDRO ONE NETWORKS INC., LINES ENGINEERING SERVICES-SUBDIVISIONS. PHONE 1-888-272-3330, EMAIL ADDRESS sub@viam@hydroone.com

TRENCHING TOTALS

PRIMARY	409 metres.	EXCLUSIVE SECONDARY	260 metres.
---------	-------------	---------------------	-------------



- NOTES:**
1. ALL DIMENSIONS ARE IN mm UNLESS STATED OTHERWISE.
 2. ALL SEPARATIONS AND DEPTHS OF BURIAL ARE MINIMUM.

- TRENCH**
1. CENTERLINE OF TRENCH TO BE LOCATED AS PER MUNICIPAL SPECIFICATION.
 2. IF TRENCH BOTTOM IS NOT LEVELED, AND FREE OF STONES & SHARP OBJECTS, THEN A 75mm THICK LAYER OF COMPACTED, CLEAN NATIVE BACKFILL OR CLEAN MASON SAND SHALL BE PLACED IN THE TRENCH BOTTOM BEFORE INSTALLING DUCTS.
 3. FOR TRENCHING DURING FROST, THE SAND COVER SHALL BE 300mm, AND THE BACKFILL SHALL NOT CONTAIN ANY LUMPS OF ICE.

- TRANSFORMERS**
1. BACK OF TRANSFORMER TO BE LOCATED AS PER MUNICIPAL SPECIFICATION.
 2. ALL TRANSFORMERS MUST BE LOCATED AT LEAST 3m FROM SURFACE OBJECTS AND STRUCTURES, OPENINGS OR COMBUSTIBLE MATERIALS ON THE ACCESS SIDE OF THE TRANSFORMER AND 1m ON ALL OTHERS SIDES, OTHERWISE AN EXPLOSIVE PROTECTIVE WALL WILL BE REQUIRED.
 3. ALL PADMOUNT TRANSFORMERS ARE TO BE POSITIONED SO THAT THE ACCESS DOOR OPENS FROM THE ROAD SIDE.

- ROAD CROSSING:**
1. ALL CONDUCTORS AT ROAD CROSSINGS TO BE INSTALLED IN DUCTS.
 2. ALL CROSSINGS TO OFFSET 3m FROM TRANSFORMERS IF POSSIBLE AND EXTEND 1.8m BEYOND THE CURB ON BOTH SIDES OF THE ROADWAY.
 3. ROAD CROSSING DUCTS TO BE INSTALLED AS PER MUNICIPAL SPECIFICATION TO A 1000mm MINIMUM DEPTH FROM FINAL GRADE.
 4. IF TRENCH BOTTOM IS NOT LEVELED, AND FREE OF STONES & SHARP OBJECTS, THEN A 75mm THICK LAYER OF COMPACTED, CLEAN NATIVE BACKFILL OR CLEAN MASON SAND SHALL BE PLACED IN THE TRENCH BOTTOM BEFORE INSTALLING DUCTS.
 5. PRIMARY CABLES SHALL BE IN THE LOWER DUCTS AND SECONDARY CABLES IN THE UPPER DUCTS.
 6. BACKFILLING & COMPACTION SHALL BE AS PER MUNICIPAL SPECIFICATIONS, COMPACTION PROCEED FROM THE ROADWAY.
 7. HYDRO DUCTS TO BE 100mm TYPE II PVC UNLESS OTHERWISE NOTED.
 8. BELL ENDS TO BE PLACED ON ALL OPEN DUCT ENDS.
 9. UNUSED DUCTS TO BE CAPPED, COMPLETE WITH PULL ROPE.
 10. PRIMARY CONDUCTORS TO BE INDIVIDUALLY DUCTED.
 11. SECONDARY CONDUCTORS TO BE INSTALLED MAXIMUM 2 PER DUCT.
 12. DUCT QUANTITIES SHOWN ARE HYDRO REQUIREMENTS ONLY.

- DESIGN CRITERIA:**
- 1) DISTRIBUTION DESIGN BASED ON 200 AMP SERVICES.
 - 2) ESTIMATED BUILDING SIZE 186 SQ. METERS.
 - 3) HEAT SOURCE: NON - ELECTRIC (GAS)

UNDERGROUND DESIGN SPECIFICATION

Construction of underground system shall be in accordance with Distribution Standards

length of job or est.	0.40 km.	voltage	4.8 kV
number of services	62	phase	3Ø
control station, feeder and sv.	SUNDERLAND DS	approved for construction	date
F2	FEEDER	2007/05/19	1:750
625	CONTROL SW	Supervising Dist. Tech.	

FENELON FALLS

FAIRFIELD VILLAGE LOT 12, CONCESSION 5 TOWNSHIP OF BROCK ZONE 3A

Hydro One Networks LINES AND FORESTRY SERVICES Work Management and Deployment

TC DOELL

2007/05/19

00331-07-112

Confirmation

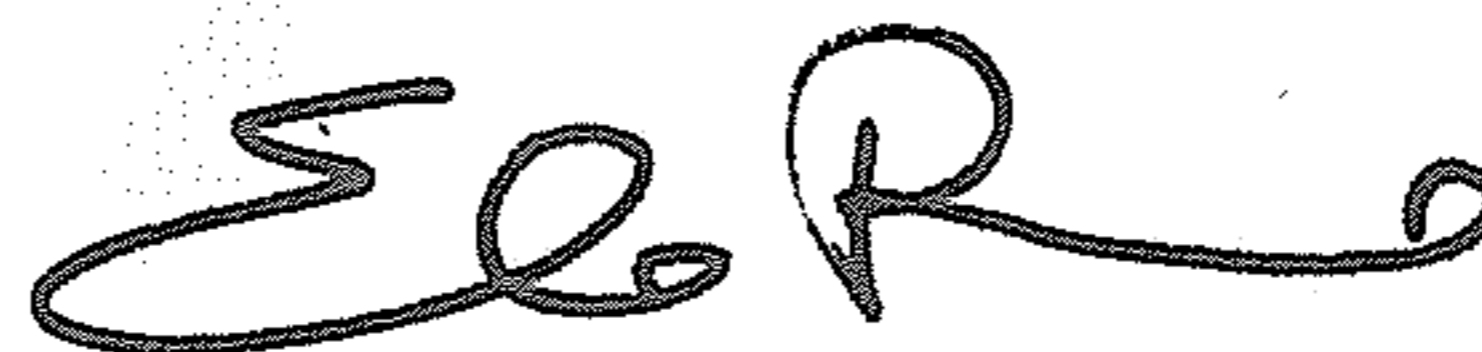
Nov. 19, 07

To: Jutten Lillie
Distribution Engineering Design Technician
Hydro One Networks Inc.

Re: Fairfield Village
18T 88034
Part Lot 12, Concession 5 (Brock)
Sunderland Urban Area

Further to your e-mail dated Tuesday, November 13, 2007 11:45 AM, 667287 Ontario Limited is the owner of the land that Fairfield Village will be built. We fully understand that Phase I Lots #1 through 62 inclusive will be serviced by Hydro One Inc. and will be subject to Hydro One rates & service conditions. In Phase two, lots 1b through 24b inclusive will be serviced by Veridian Connections Inc. and be subject to Veridian connections rates & service conditions.

Hoping the above is satisfactory



Emilio Ronco per; 667287 Ontario Limited

BROCK – SUNDERLAND

WESTERN BOUNDARY

1. Point # 1 is located 0.34 km south of River Street and 0.4 km west of Albert Street. The boundary continues north to point # 2.
2. Point # 2 is located 0.14 km west of Rynard Street, on River Street. The boundary continues north to point # 3.

NORTHERN BOUNDARY

3. Point # 3 is located 0.48 km north of River Street. The boundary turns to the east at this point and continues to point # 4, parallel to River Street.
4. Point # 4 is located 0.42 km east of point # 3. The boundary turns south to point # 5.
5. Point # 5 is 0.09 km south of point # 4. The boundary turns east, parallel to River Street to point # 6.

EASTERN BOUNDARY

6. Point # 6 is 0.69 km east of point # 5. The boundary turns south to point # 7.
7. Point # 7 is 0.17 km east of Hwy # 12 on Concession 6. The boundary turns east on Concession 6 to point # 8.
8. Point # 8 is 0.33 km east of point # 7 on Concession 6. The boundary turns south to point # 9.
9. Point # 9 is 0.13 km south of point # 8. The boundary turns west to point # 10, parallel to Concession 6.
10. Point # 10 is 0.48 km west of point # 9. The boundary turns south to point # 11, and parallel to Hwy # 12.

SOUTHERN BOUNDARY

11. Point # 11 is 0.6 km south of point # 10. The boundary turns west to point # 12.
12. Point # 12 is 0.02 km north of Thompson Road on Albert Street South. The boundary turns north to point # 13.
13. Point # 13 is on Albert Street South, 0.30 km north of point # 12. The boundary turns southwest to point # 14, running along the northern property lines of the residential lots that front the north side of Rennie Street.
14. Point # 14 is 0.19 km southwest of point # 13 and is located at the north-west corner of the most westerly of the residential lots that front the north side of Rennie Street. The boundary turns south and runs along the western flank of the property, extending across Rennie Street to point # 15.
15. Point # 15 is 0.04 km south of point # 14 and is located on the south side of Rennie Street. The boundary turns west and runs to point # 16, following Rennie Street and then the southern flank of the most southerly residential lot that fronts the west side of Rennie Street.

16. Point # 16 is 0.08 km west of point #15 and is located at the south-west corner of the most southerly residential lot that fronts the west side of Rennie Street. The boundary turns northwest and runs in an uneven line to point # 17, following the western property lines of the residential lots that front the west side of Rennie Street.
17. Point # 17 is 0.07 km northwest of point #16 and is located on the western property line of a residential lot that fronts the west side of Rennie Street. The boundary turns west and runs to point #1.

Sunderland Veridian Territory Proposed March 2008

