



**SITE SERVICING PLAN**  
SCALE=1:100

**NOTES:**  
1. THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS, AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND WHERE SHOWN, THE ACCURACY OF SMALL INCHES SHALL BE THE BASIS OF ALL DIMENSIONS AND LOCATIONS OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.  
2. OF THESE PROPERTIES, THE UTILITIES ARE REGISTERED PLANS AND ARE LOCATED IN THE FIELD TO VERIFY THE ACCURACY OF THESE PROPERTIES.  
3. ALL CONSTRUCTION MUST COMPLY WITH THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENT.

**DRAFTING:**  
RO  
DESIGN  
RO  
CHECKED BY  
GR  
APPROVED BY  
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**NOTE:**  
BUILDER AND SUPERVISOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.  
SURVEYOR IS RESPONSIBLE FOR VERIFYING BUILDING LOCATION PRIOR TO LAYOUT OF BUILDING FOUNDATION.

**GRADING NOTES:**  
-ROOFWATER LEADERS ON THE PROPOSED DWELLING TO SPILL TO GRADE ON SPLASH PAD.  
-SWAMP PUMP OUTLET TO BE DIRECTED TO GRADE  
-MAINTAIN EXISTING GRADING AND SURFACE DRAINAGE PATTERNS, SO NOT TO IMPACT PROPOSED APRON TO MATCH INTO EXISTING GRADE

**RUSSELL TECHNICAL SERVICES**  
43 DARBY RD  
WELAND, ONTARIO L8B 5M4  
Tel: 289 213 3807  
email: russellts4@gmail.com

CONSULTANT FILE NO. 6140SITE  
DATE: 2024-06-20  
PRINTED  
SCALE: 1:100 m  
REF. NO.  
DWG. No. **6140SITE** REV **2**

- WATER SERVICES**
- a. "W" DENOTES WATER SERVICE CONNECTION (25MM) TYPE "K" SOFT COPPER) 1/2" PERM. 150/210 OR 1/2" DETAILED LINE OF LOT OPPOSITE TO BE LOCATED ON LEFT SIDE OF CENTRE LINE OF LOT OPPOSITE ADJACENT TO STREET LINE.
  - b. SANITARY PRIVATE DRAIN OR AS DETAILED, WITH CURB STOP GRANULAR BEDDING AS PER WM-200.01 AND WM-200.02 TO BE GRANULAR 'D' AS PER FORM 600.
  - c. MINIMUM COVER 1.8M FROM CENTRE LINE OF ROAD.
- PRIVATE DRAINS**
- d. "S" DENOTES SANITARY PRIVATE DRAIN CONNECTION. SANITARY PRIVATE DRAINS SHALL BE ANY COLOUR OTHER THAN WHITE.
  - e. PRIVATE DRAINS TO BE 150MM Ø P.V.C. PIPE, CSA B182.1 M-1993, SPR 28 AS BEING PAINTED RED.
  - f. PRIVATE DRAINS TO BE 150MM Ø P.V.C. PIPE, CSA B182.1 M-1993, SPR 28 AS BEING PAINTED RED.
  - g. COVER AND BEDDING MATERIAL FOR PRIVATE DRAINS TO BE GRANULAR 'A' GRANULAR 'D' AS PER FORM 600.
  - h. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0%.
  - i. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - j. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - k. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - l. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
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  - q. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - r. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - s. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - t. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - u. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - v. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - w. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - x. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - y. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)
  - z. MINIMUM FALL FOR PRIVATE DRAINS TO BE 2.0% (MIN.)

**RAINWATER LEADERS**

All building rainwater leaders shall discharge onto splash pads and then to gressed or landscaped areas a minimum of 0.6m from the building face.

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**CERTIFICATION OF EXISTING AND PROPOSED GRADES**

I hereby certify that this proposed Lot Grading Plan satisfies the technical requirements for City of Niagara Falls drainage policy. The proposed grades shown are compatible with adjacent properties and this lot will drain satisfactorily and not adversely affect adjacent properties.

NAME: Garrett Russell SIGNATURE: [Signature]  
LIC#: 100508448 DATE: June 20, 2024

**DETAILED LOT AND GRADING PLAN**

LOT # 13 PLAN 13 LOT 11 NP27Z PART 1  
PIN # 6140 CULP ST.  
ADDRESS 6140 CULP ST.  
HOUSE STYLE SINGLE FAMILY DETACHED

- LEGEND**
- ⊕ — DOWNSPOUT DISCHARGE
  - ⊕ — SWAMP PUMP DISCHARGE
  - WO — WATER SERVICE CONNECTION
  - SO — SANITARY PRIVATE DRAIN

**AS CONSTRUCTED GRADING CERTIFICATION**

I hereby certify that I have taken the finished grades shown, and that the grading of this lot generally conforms to the latest revision of the subdivision drainage plan for this subdivision, properties and this lot will drain satisfactorily and not adversely affect adjacent properties.

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
LIC#: \_\_\_\_\_ DATE: \_\_\_\_\_

TOTAL LOT AREA ±371.0m²  
PROPOSED BUILDING ENVELOPE ±83.3m²  
LOT COVERAGE 24.4%

CITY OR TOWN \_\_\_\_\_  
ACCEPTED BY \_\_\_\_\_  
DATE \_\_\_\_\_

LOT 13, PLAN 315