

- LEGEND:**
- Existing Ground Elevation
 - Proposed Ground Elevation
 - Proposed Elevation to Match Existing
 - Proposed Elevation to Match Top of Wall
 - Proposed Direction of Sheet Flow
 - Existing Catchbasin
 - Existing Storm/Sanitary Manhole
 - Proposed Double Catchbasin
 - Proposed Catchbasin
 - Proposed Storm/Sanitary Manhole
 - Proposed Sump Pump (As Per Detail)
 - Proposed Total Capture Catchbasin or Inlet (100-YR)

BENCH MARK TOTAL:
 BEARINGS ARE UTM GRID, DERIVED FROM GNSS OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010). DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999755. ELEVATIONS ARE OF GEODETIC ORIGIN (CGVD-1928:78), AND ARE DERIVED FROM GNSS OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOD MODEL HT2.0.

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| DRAWN | AS | CHK'D | JULY 1, 2021 |

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| | STAMP |

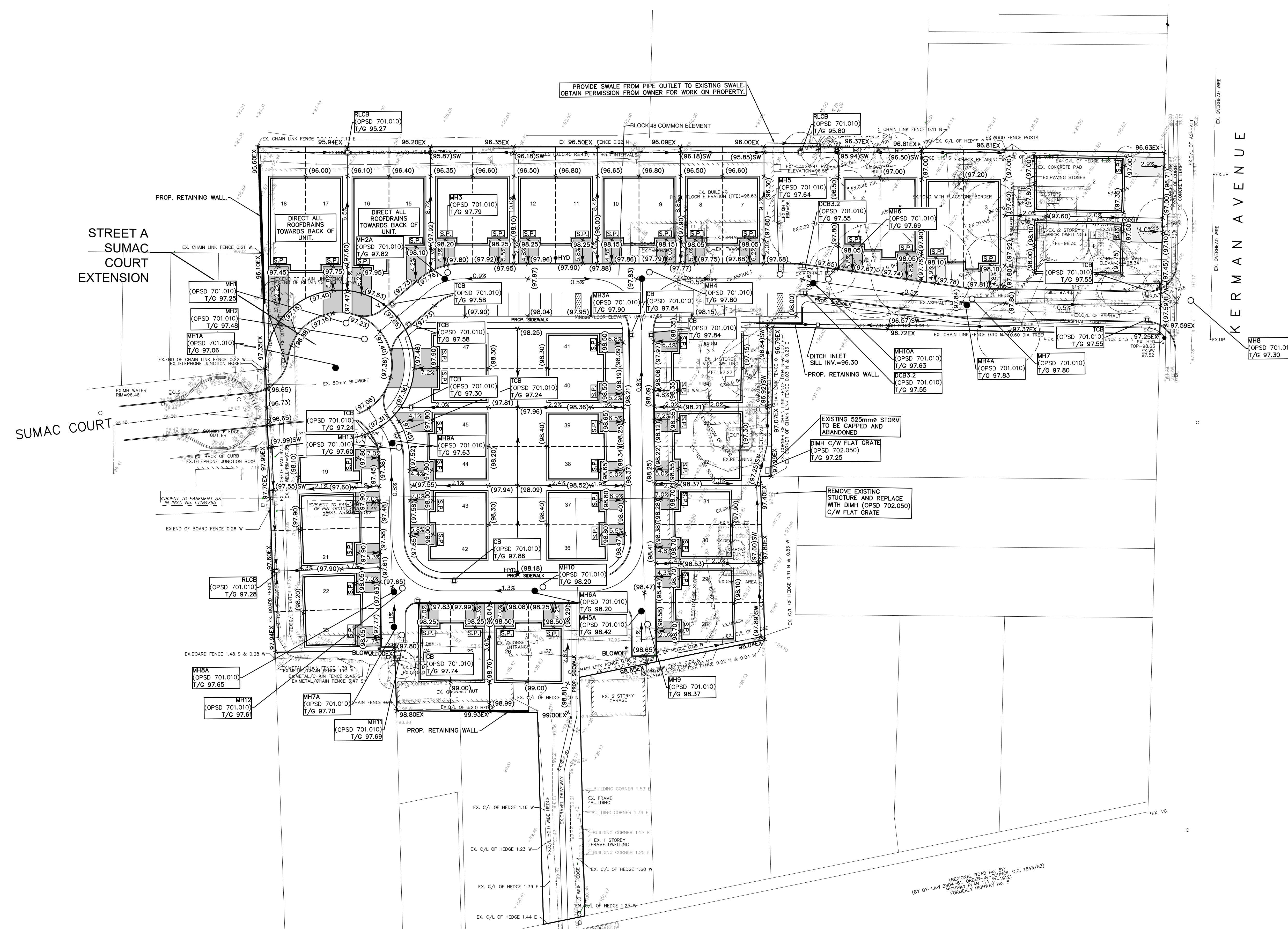
S. LLEWELLYN & ASSOCIATES LIMITED
 CONSULTING ENGINEERS
 Tel: (905) 631-6978
 Fax: (905) 631-8927
 email: info@slae.on.ca
 3228 South Service Road, Suite #105 East Wing, Burlington, Ont., L7N 3H8

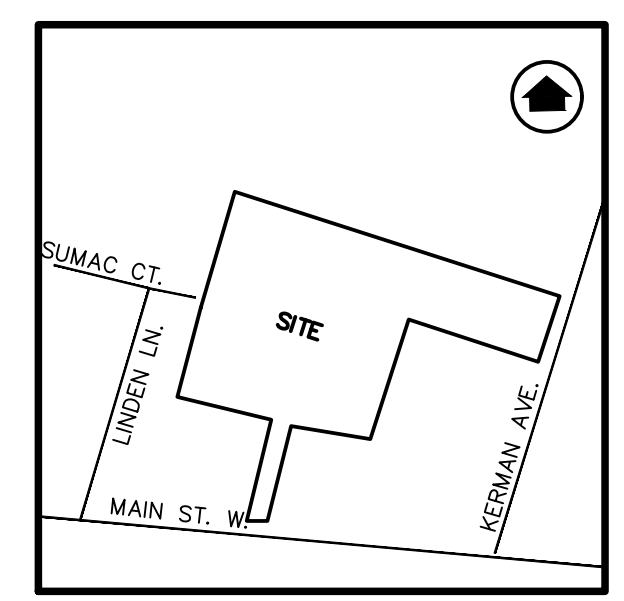
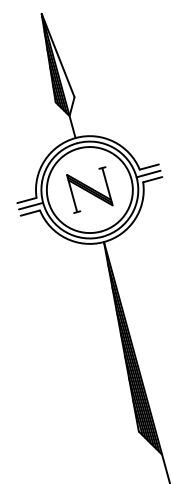
CLIENT
TARBUTT CONSTRUCTION
 189 SOUTH SERVICE ROAD GRIMSBY, ON L3M 4H6

PROJECT NAME
9 & 11 KERMAN AVE.

TITLE
PRELIMINARY GRADING PLAN

PROJECT No. 21048 DRAWING No. C101





KEY MAP
N.T.S.

LEGEND:

- EXISTING CATCHBASIN
- EXISTING STORM/SANITARY MANHOLE
- PROPOSED DOUBLE CATCHBASIN
- PROPOSED CATCHBASIN
- PROPOSED STORM/SANITARY MANHOLE
- ⊙ PROPOSED CATCHBASIN MANHOLE
- PROPOSED CURB STOP/GATE VALVE
- ⊕ PROPOSED WATER METER
- ⊖ PROPOSED BACKFLOW PREVENTOR
- ⊗ PROPOSED SUMP PUMP (AS PER DETAIL)
- T/CB PROPOSED TOTAL CAPTURE CATCHBASIN OR INLET (100-YR)

BENCH MARK NOTE:
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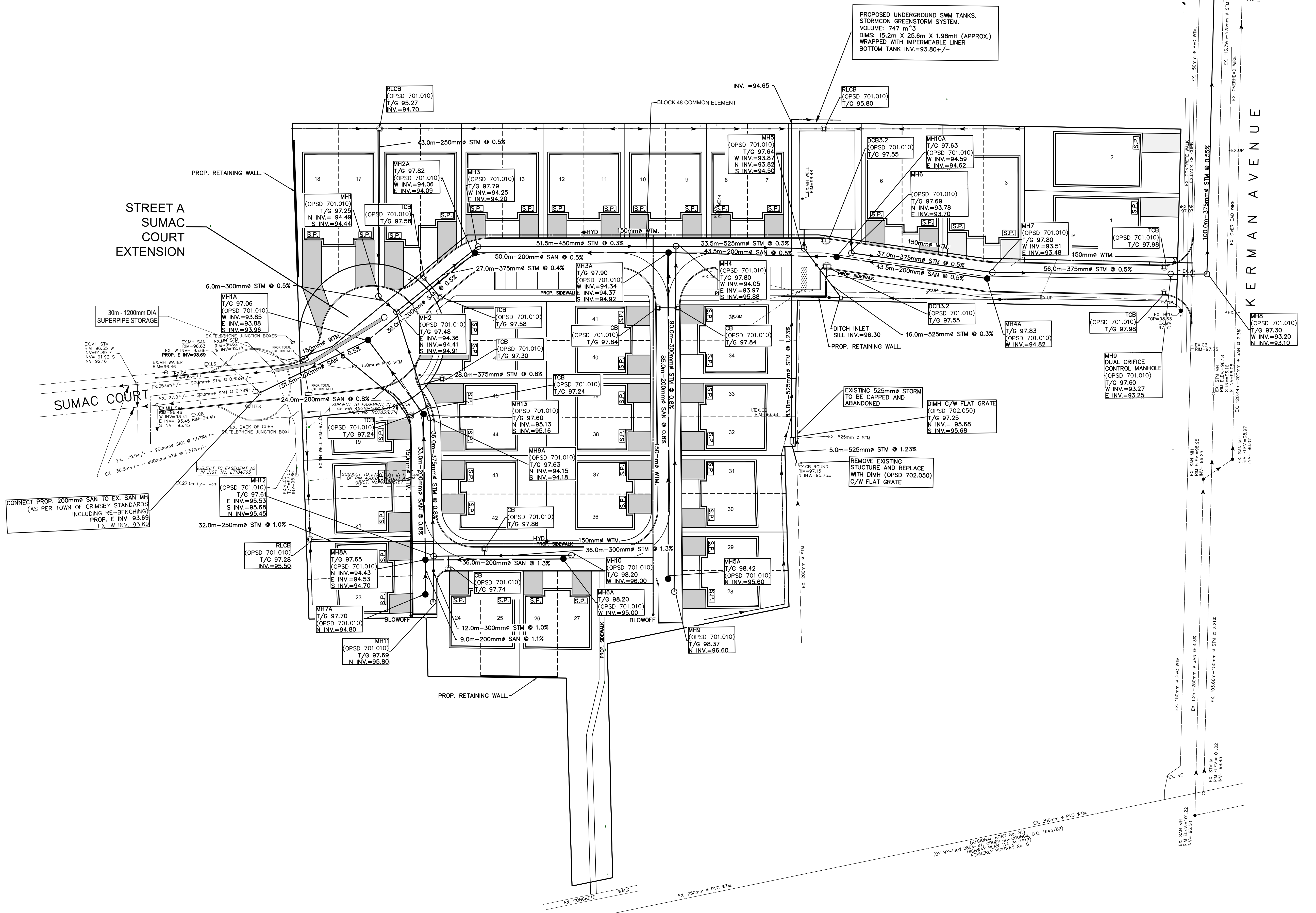
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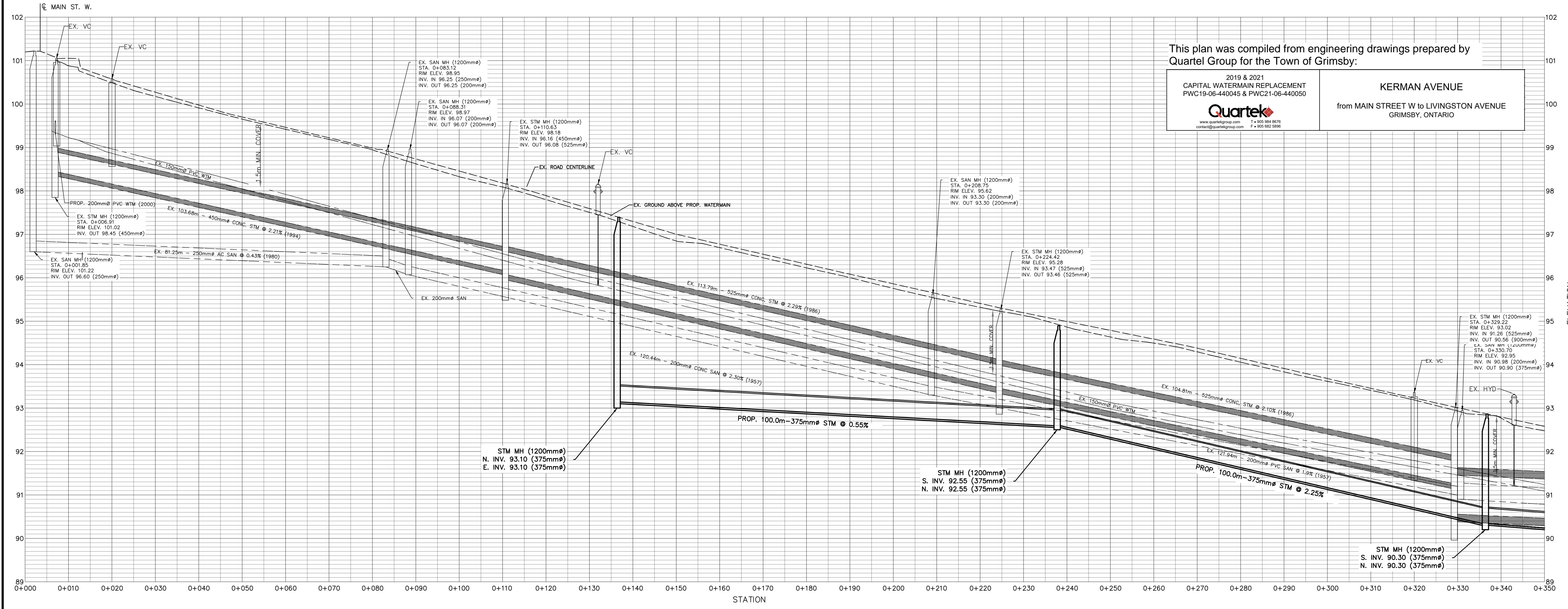
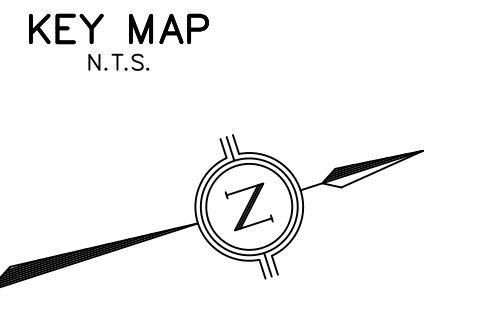
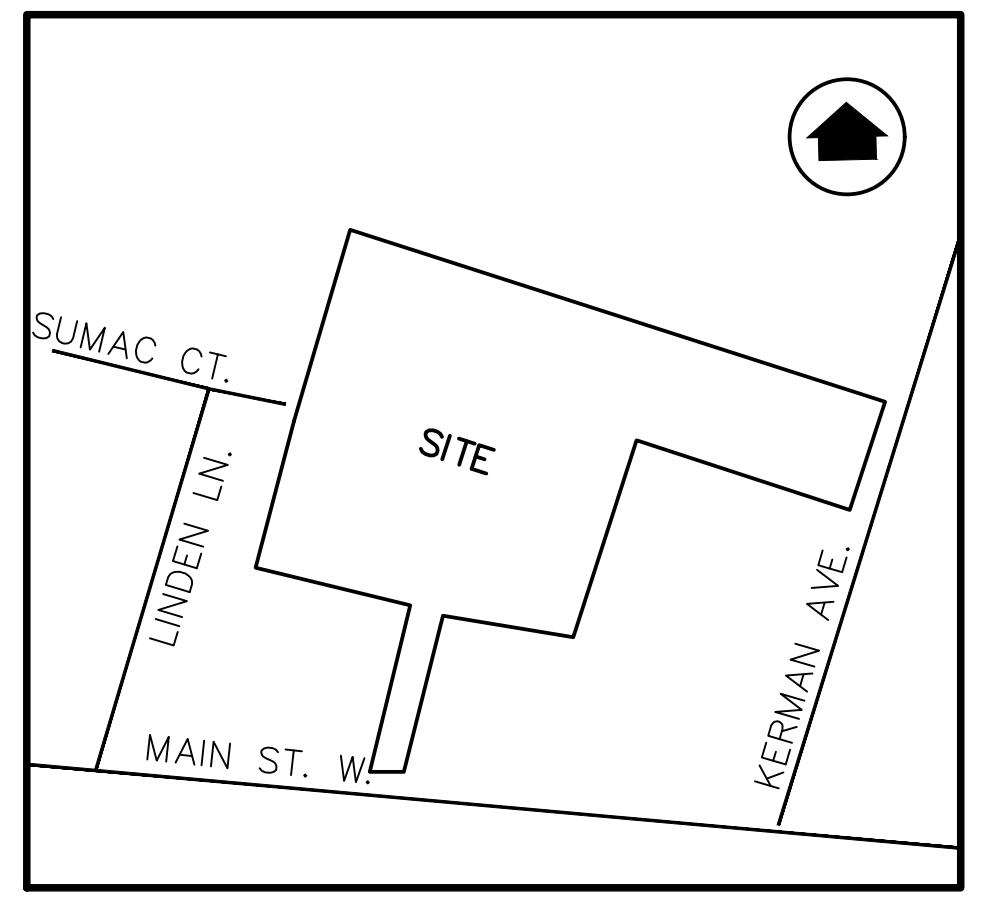
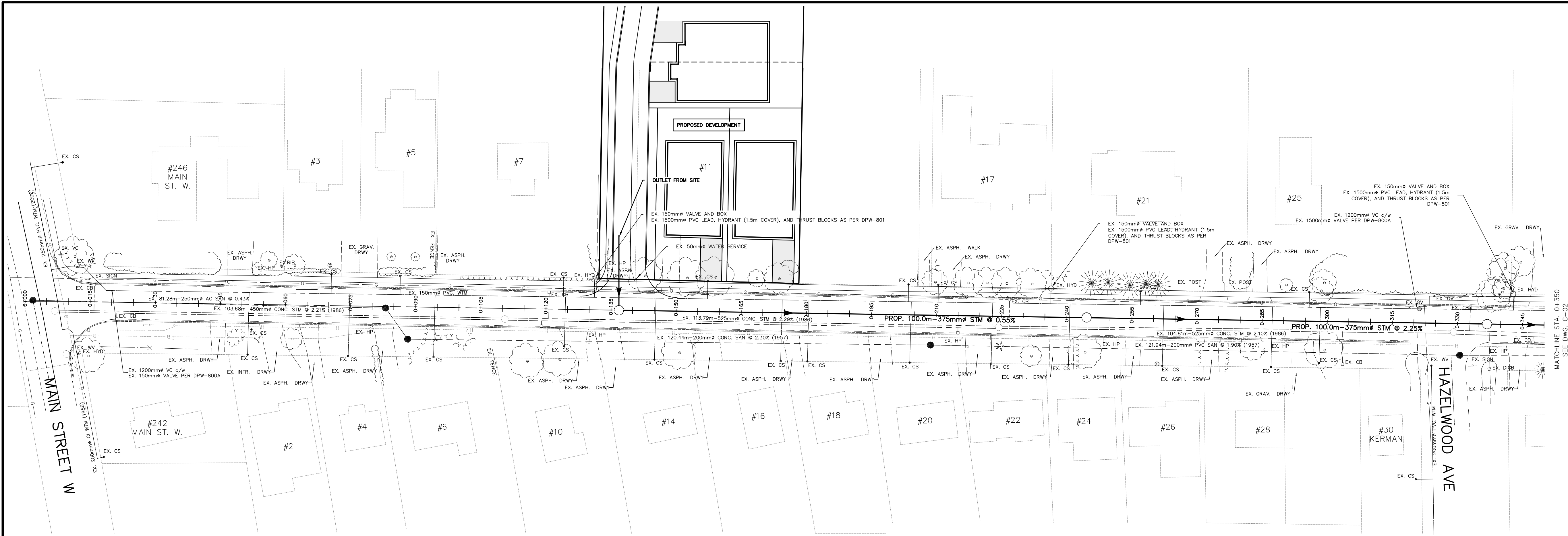
CLIENT
TARBUTT CONSTRUCTION
 189 SOUTH SERVICE ROAD GRIMSBY, ON L3M 4H6

PROJECT NAME
9 & 11 KERMAN AVE.

TITLE
PRELIMINARY SERVICING PLAN

PROJECT No. 21048 DRAWING No. C102





This plan was compiled from engineering drawings prepared by
Quartek Group for the Town of Grimsby:

2019 & 2021
CAPITAL WATERMAIN REPLACEMENT
PWC19-06-440045 & PWC21-06-440050

www.quartekgroup.com | 1-905-944-9676
central@quartekgroup.com | 1-905-992-9998

KERMAN AVENUE
from MAIN STREET W to LIVINGSTON AVENUE
GRIMSBY, ONTARIO

| NO. | DATE | BY | REVISIONS |
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SCALE
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VERT. 1:50

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Website: www.sllaw.com
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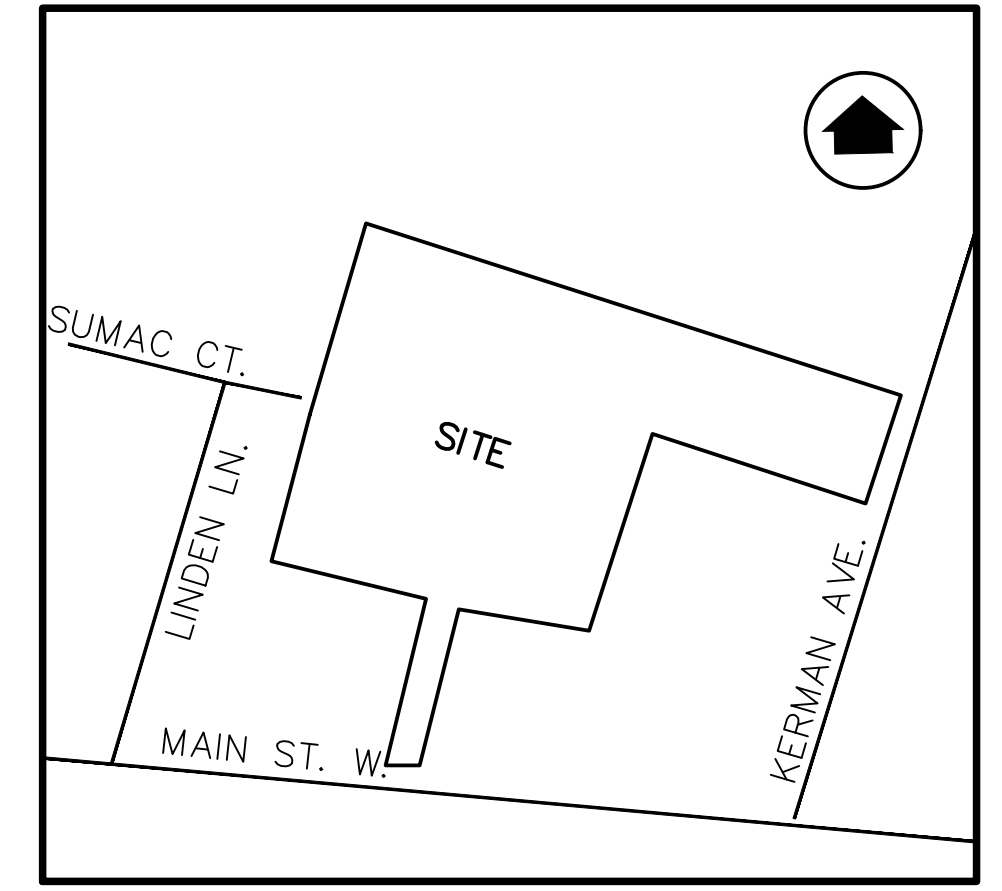
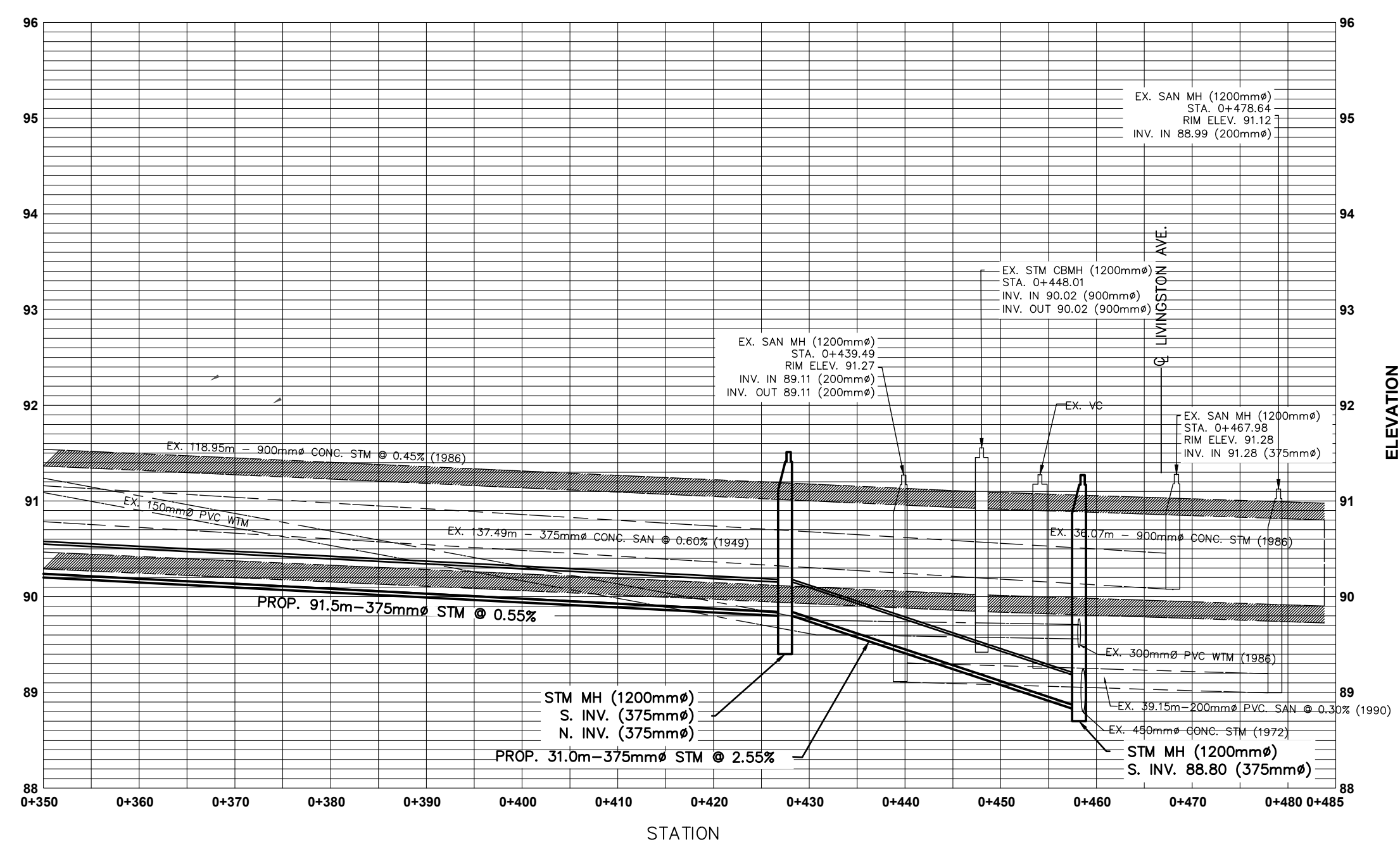
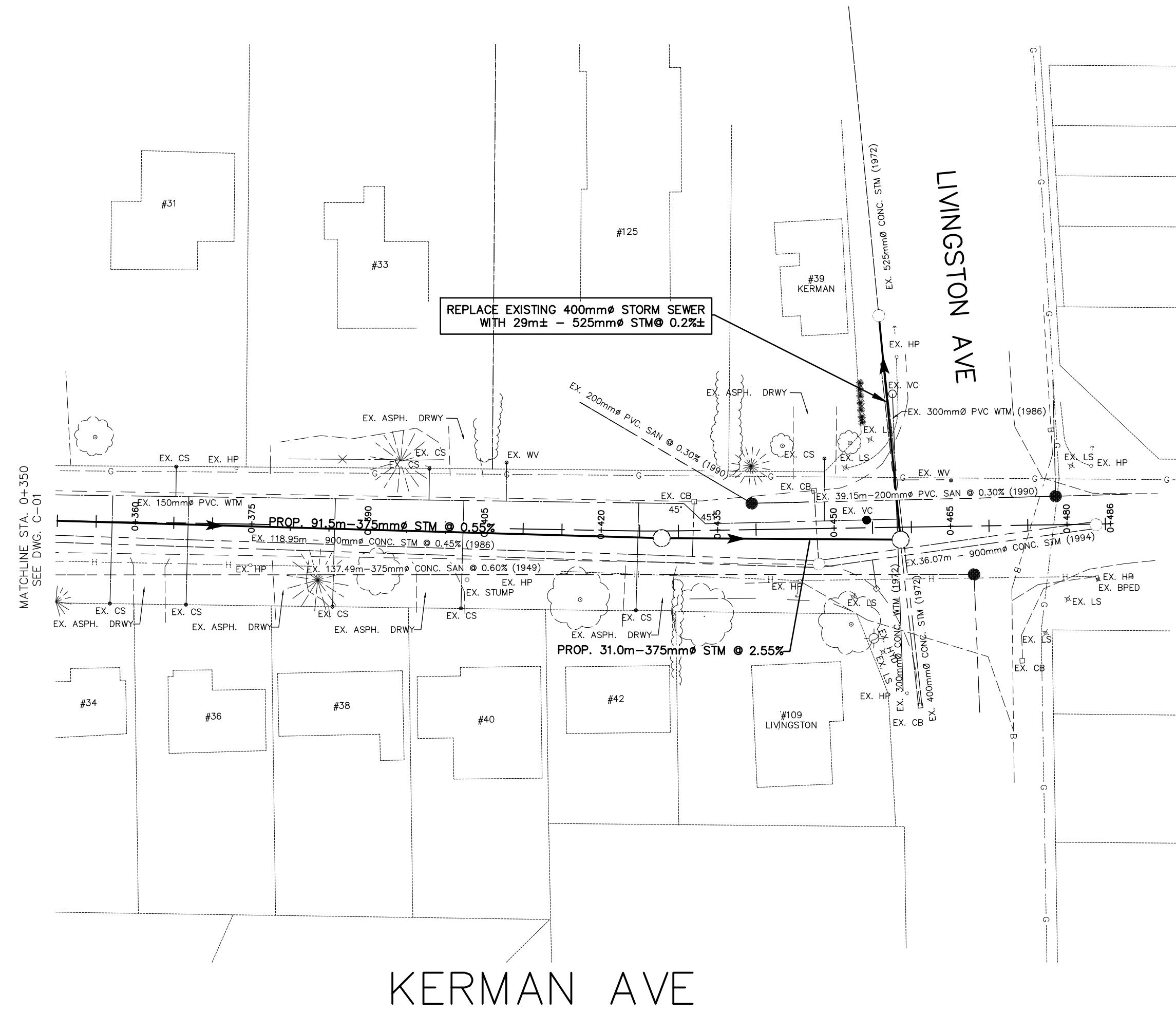
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189 SOUTH SERVICE ROAD,
GRIMSBY, ONTARIO L3M 4H6

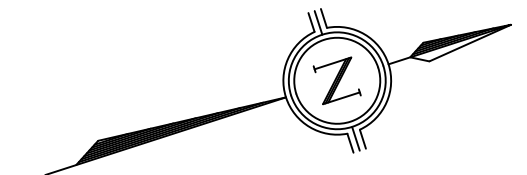
PROJECT NAME
9 & 11 KERMAN AVE.
GRIMSBY, ON

TITLE
PRELIMINARY
KERMAN AVE. PLAN & PROFILE

| | |
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| PROJECT No. 21048 | DRAWING No. C-01 |
|----------------------|---------------------|



KEY MAP
N.T.S.



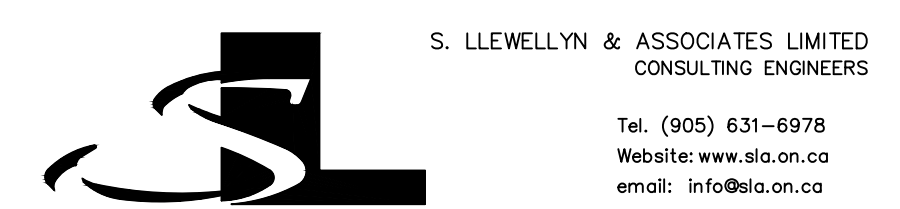
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| DRAWN | AS | CHK'D | Jul. 21, 21 |

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HORIZ. 1:500
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TARBUTT CONSTRUCTION
189 SOUTH SERVICE ROAD,
GRIMSBY, ONTARIO L3M 4H6

PROJECT NAME
9 & 11 KERMAN AVE.
GRIMSBY, ON

TITLE
**PRELIMINARY
KERMAN AVE. PLAN & PROFILE**

PROJECT No. 21048
DRAWING No. SHEET C-02

This plan was compiled from engineering drawings prepared by Quartek Group for the Town of Grimsby:

2019 & 2021
CAPITAL WATERMAIN REPLACEMENT
PWC19-06-440045 & PWC21-06-440050

Quartek
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KERMAN AVENUE
from MAIN STREET W to LIVINGSTON AVENUE
GRIMSBY, ONTARIO