

GERMAN MILLS CREEK GEOMORPHIC SYSTEMS MASTER PLAN EVALUATION OF ALTERNATIVES (PHASE 3) APPENDIX F

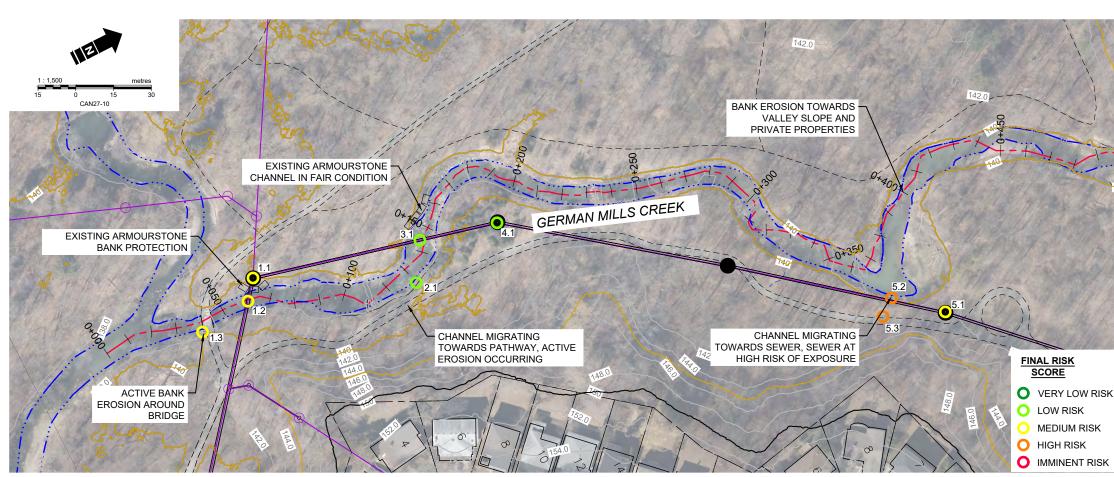
Prepared for: CITY OF TORONTO

Prepared by: MATRIX SOLUTIONS INC., A MONTROSE ENVIRONMENTAL COMPANY

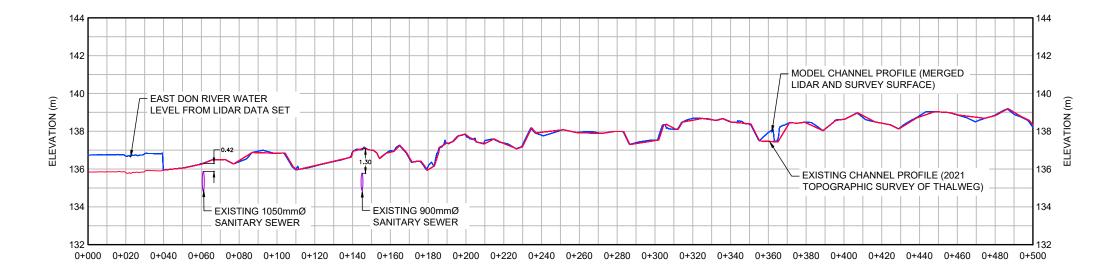
Version 1.0 December 2024 Mississauga, Ontario

Suite 3001, 6865 Century Ave. Mississauga, ON, Canada L5N 7K2 T 905.877.9531 F 289.323.3785 www.matrix-solutions.com

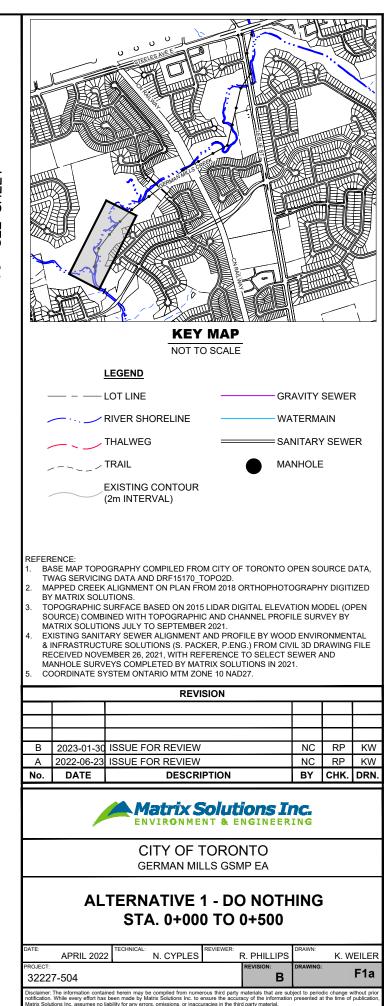
APPENDIX F-1a Concept Drawings for Design Alternatives 1 and 2



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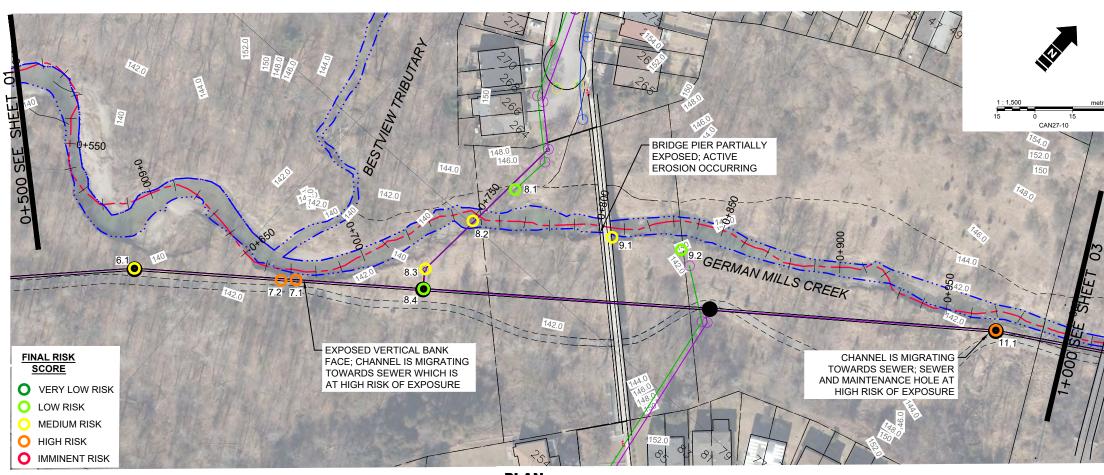


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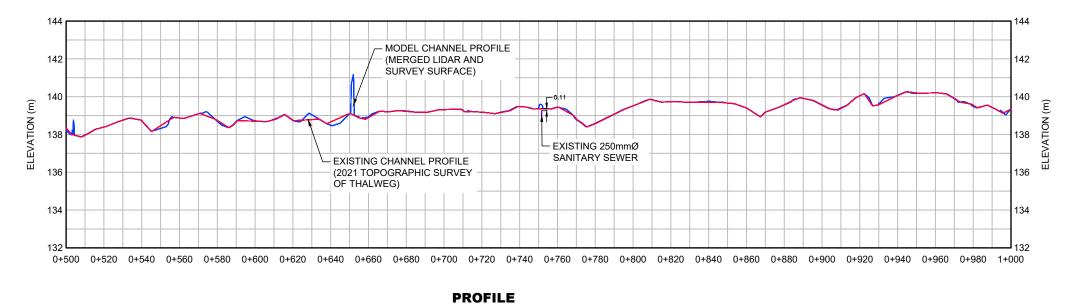


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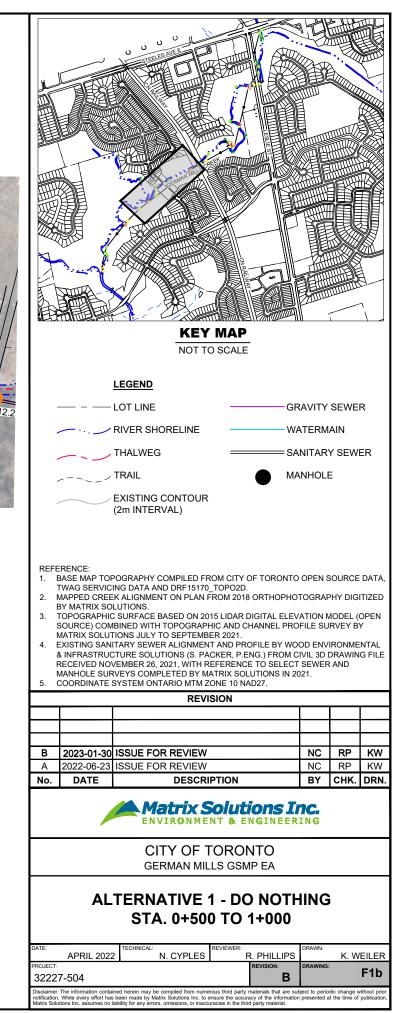
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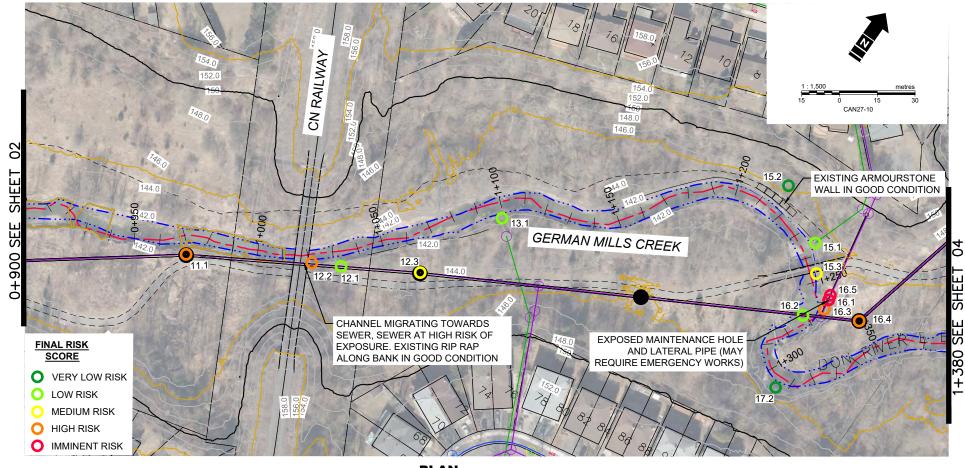


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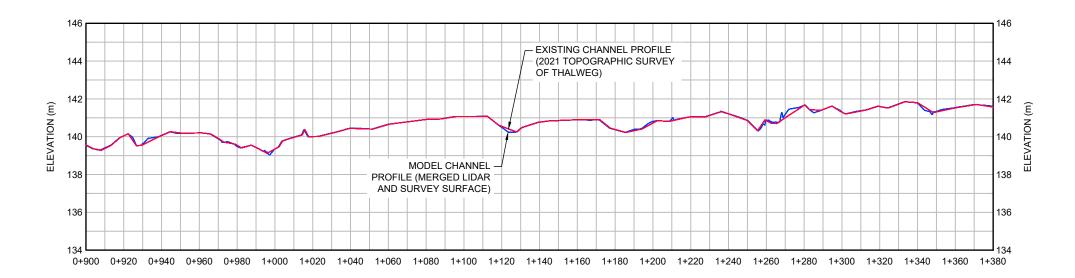


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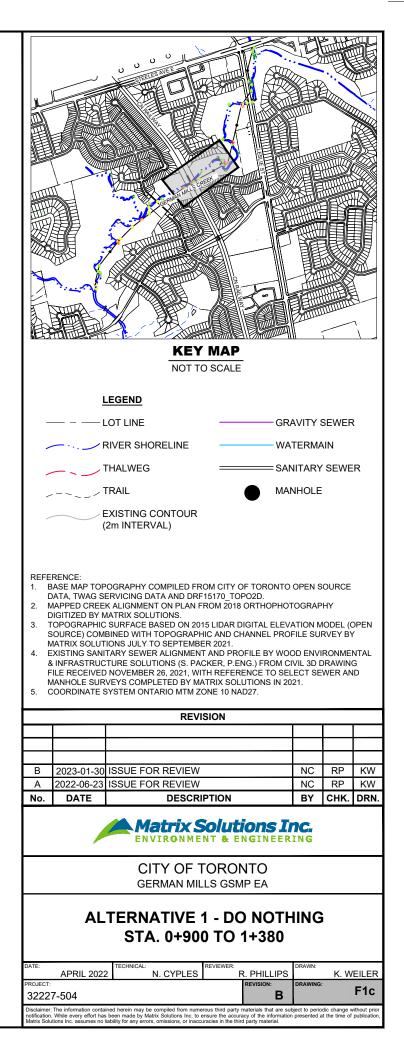
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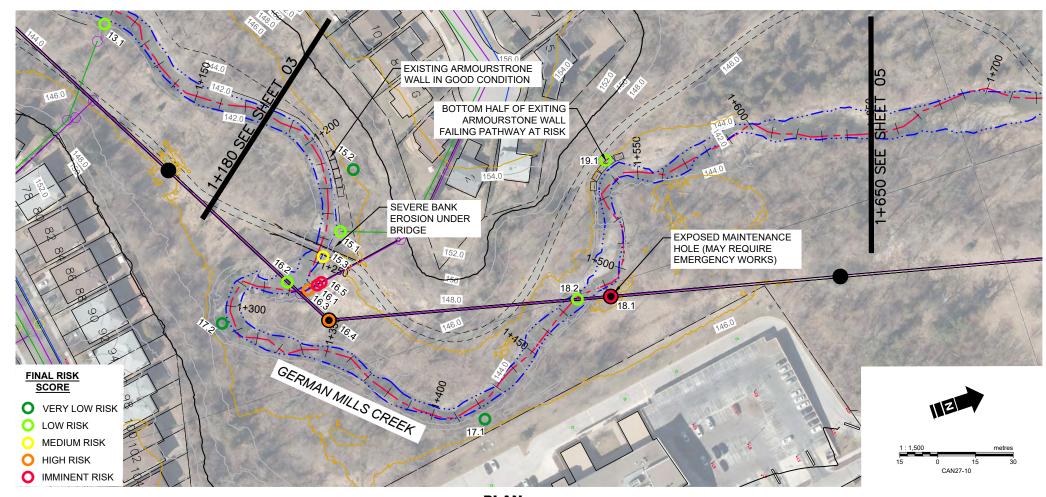


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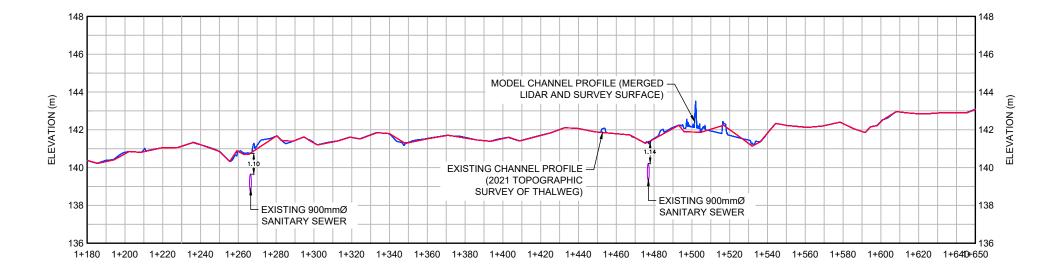


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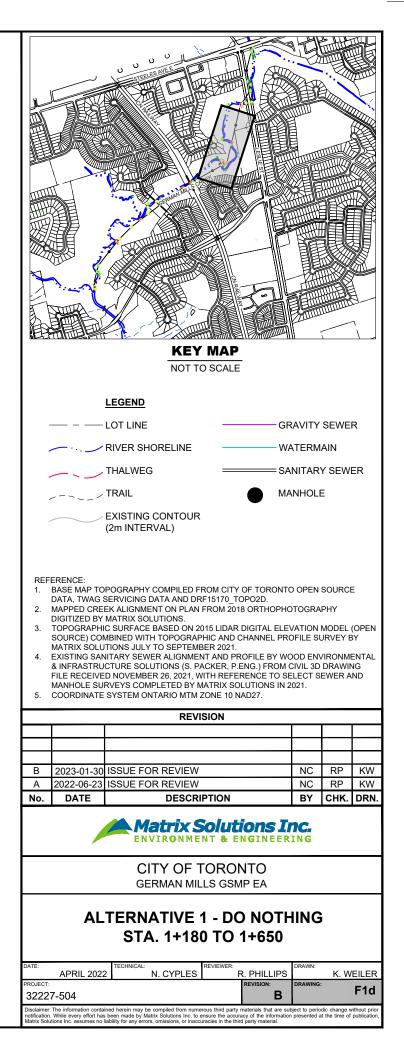


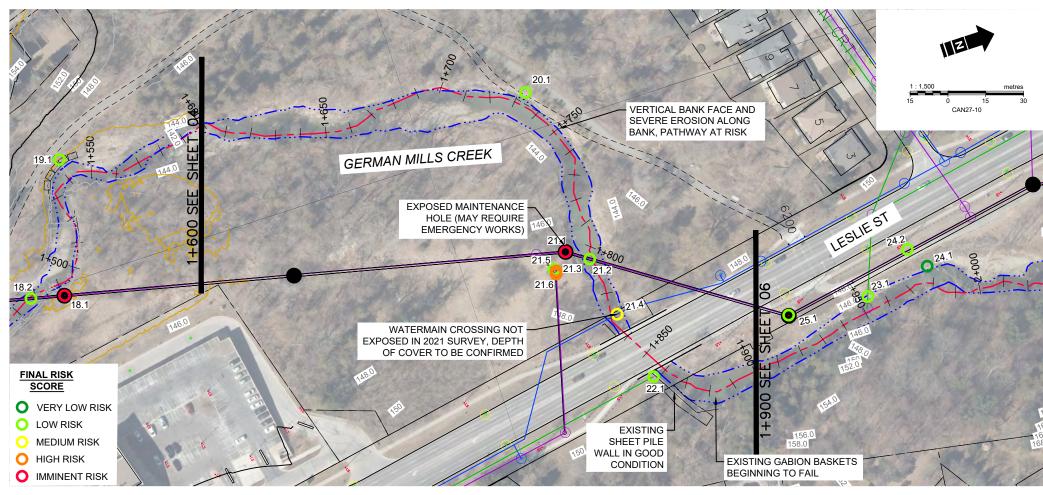


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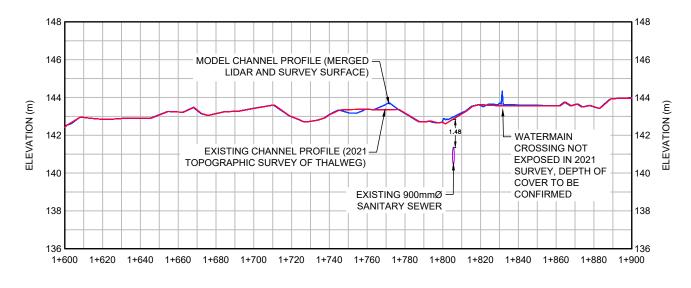


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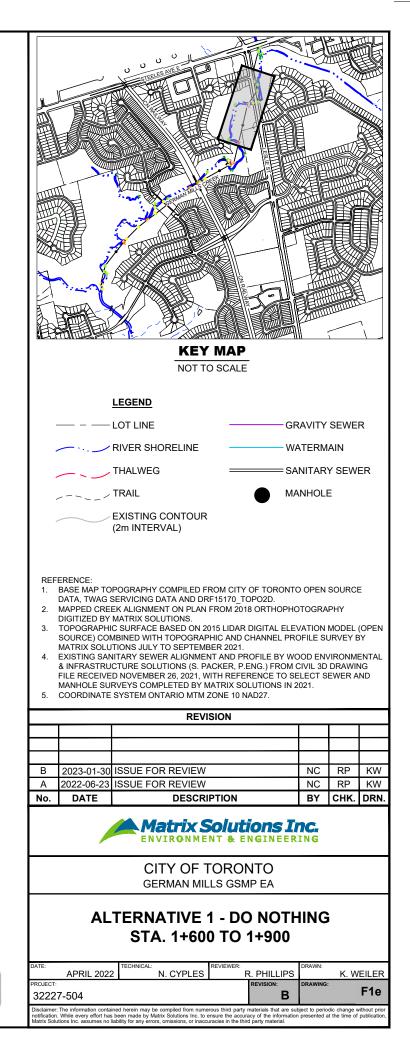


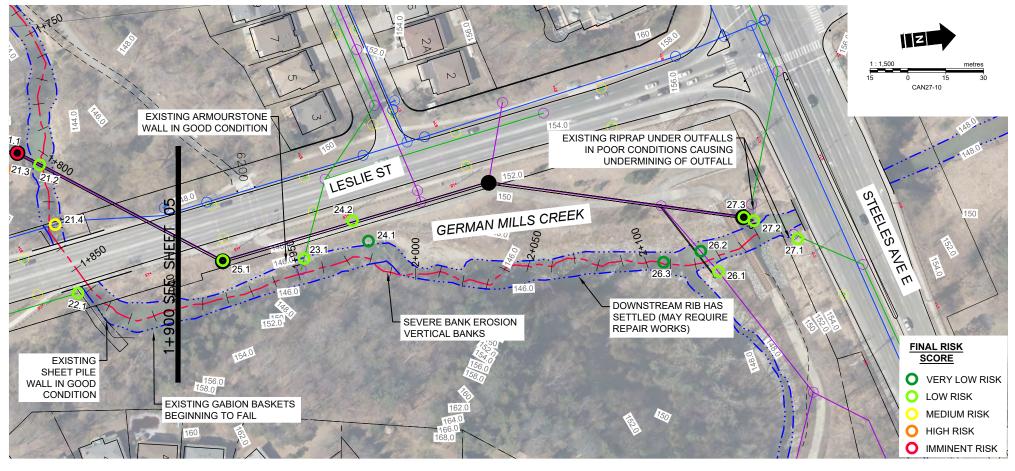


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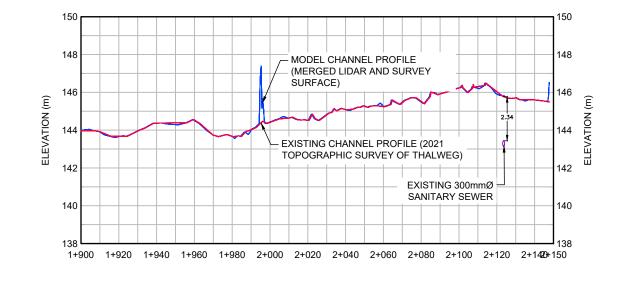




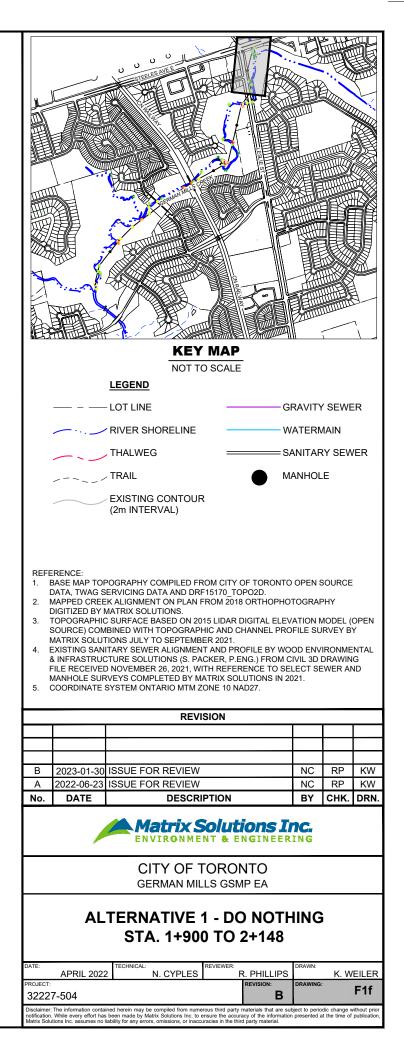


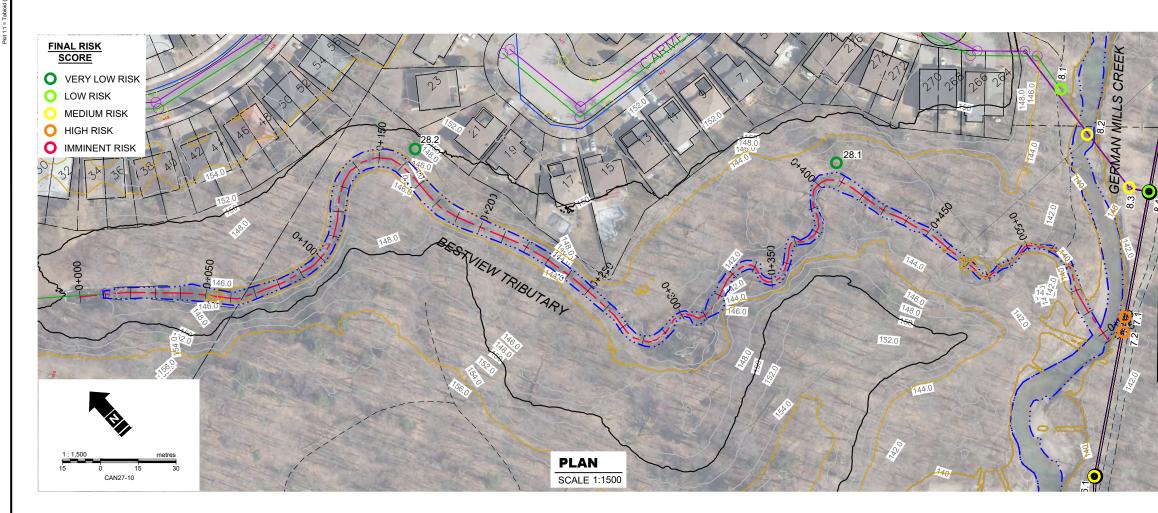


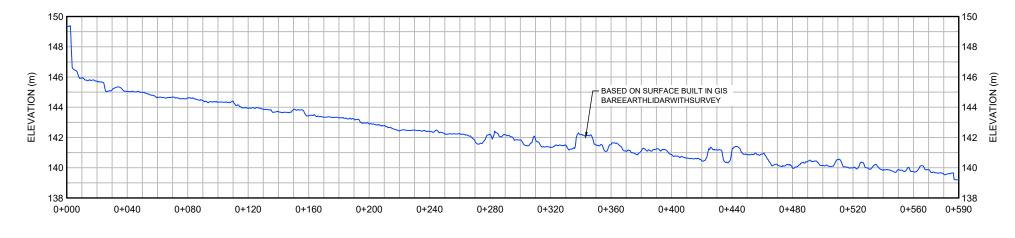
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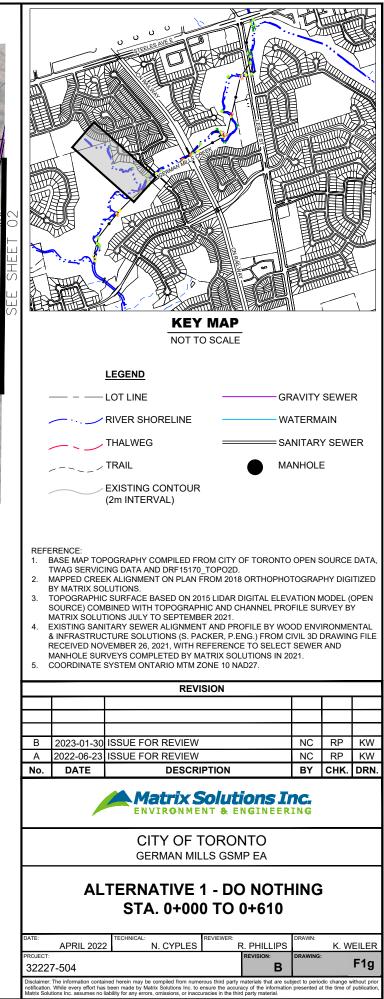
PROFILE HORIZONTAL SCALE 1:2000 VERTICAL SCALE 1:200

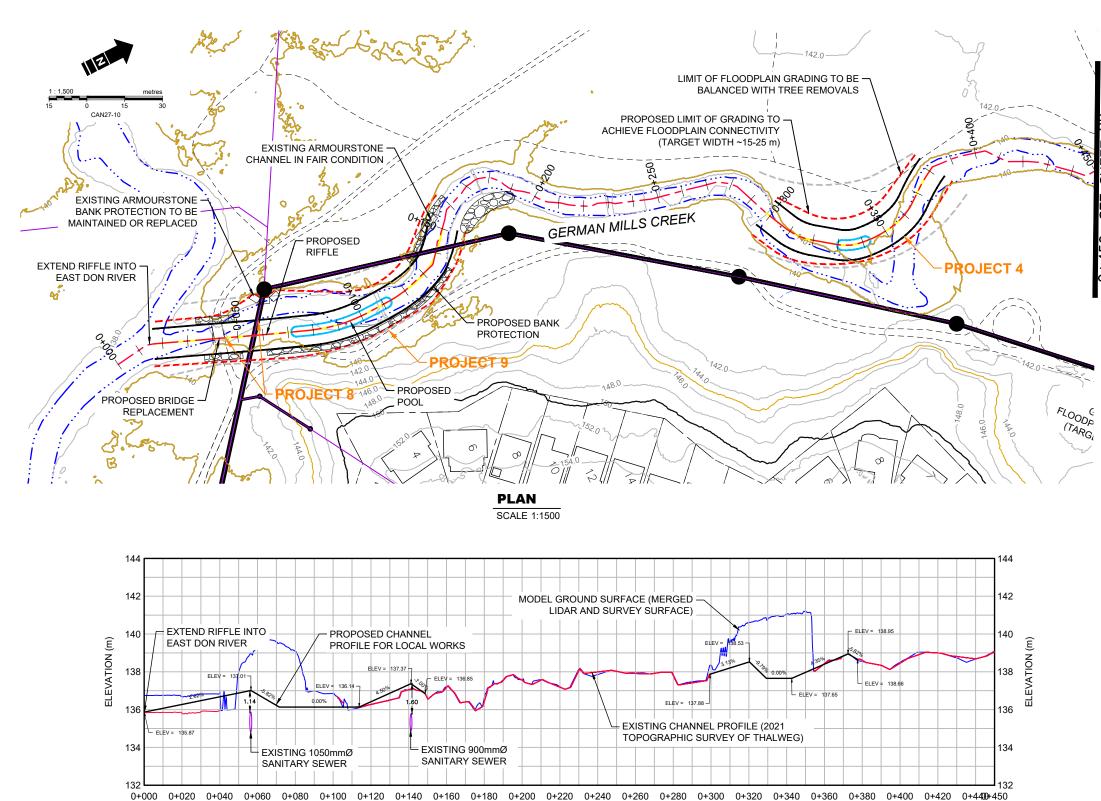






PROFILE HORIZONTAL SCALE 1:2500 VERTICAL SCALE 1:250



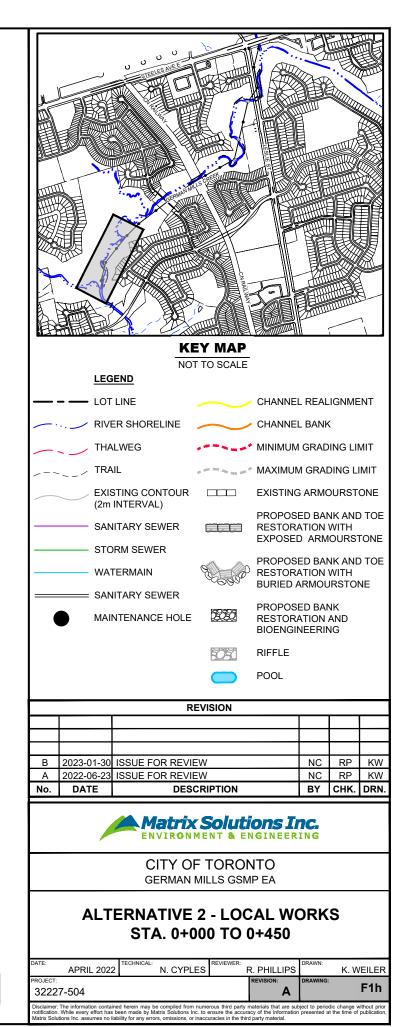


PROFILE

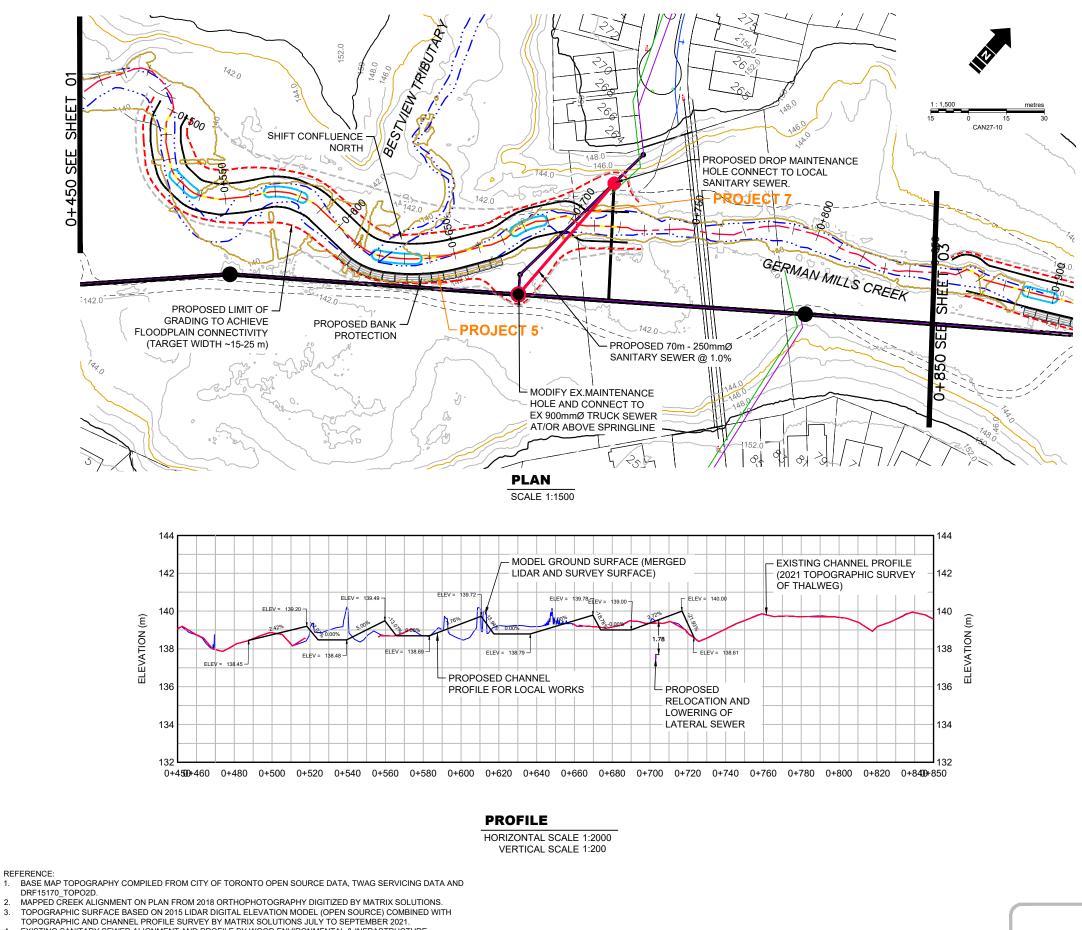
HORIZONTAL SCALE 1:2000 VERTICAL SCALE 1:200

- 1. BASE MAP TOPOGRAPHY COMPILED FROM CITY OF TORONTO OPEN SOURCE DATA, TWAG SERVICING DATA AND DRF15170_TOPO2D.
- MAPPED CREEK ALIGNMENT ON PLAN FROM 2018 ORTHOPHOTOGRAPHY DIGITIZED BY MATRIX SOLUTIONS.
 TOPOGRAPHIC SURFACE BASED ON 2015 LIDAR DIGITAL ELEVATION MODEL (OPEN SOURCE) COMBINED WITH
- TOPOGRAPHIC SURFACE BASED ON 2015 LIDAR DIGITAL ELEVATION MODEL (OPEN SOURCE) COMBINED TOPOGRAPHIC AND CHANNEL PROFILE SURVEY BY MATRIX SOLUTIONS JULY TO SEPTEMBER 2021.
- 4. EXISTING SANITARY SEWER ALIGNMENT AND PROFILE BY WOOD ENVIRONMENTAL & INFRASTRUCTURE
- SOLUTIONS (S. PACKER, P.ENG.) FROM CIVIL 3D DRAWING FILE RECEIVED NOVEMBER 26, 2021, WITH REFERENCE TO SELECT SEWER AND MAINTENANCE HOLE SURVEYS COMPLETED BY MATRIX SOLUTIONS IN 2021.
- 5. COORDINATE SYSTEM ONTARIO MTM ZONE 10 NAD27.

REFERENCE



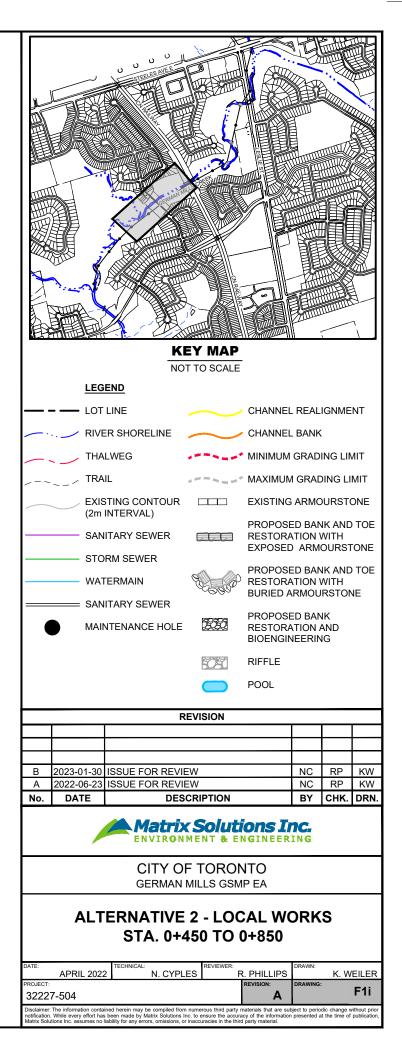
-450 SEE SHEET

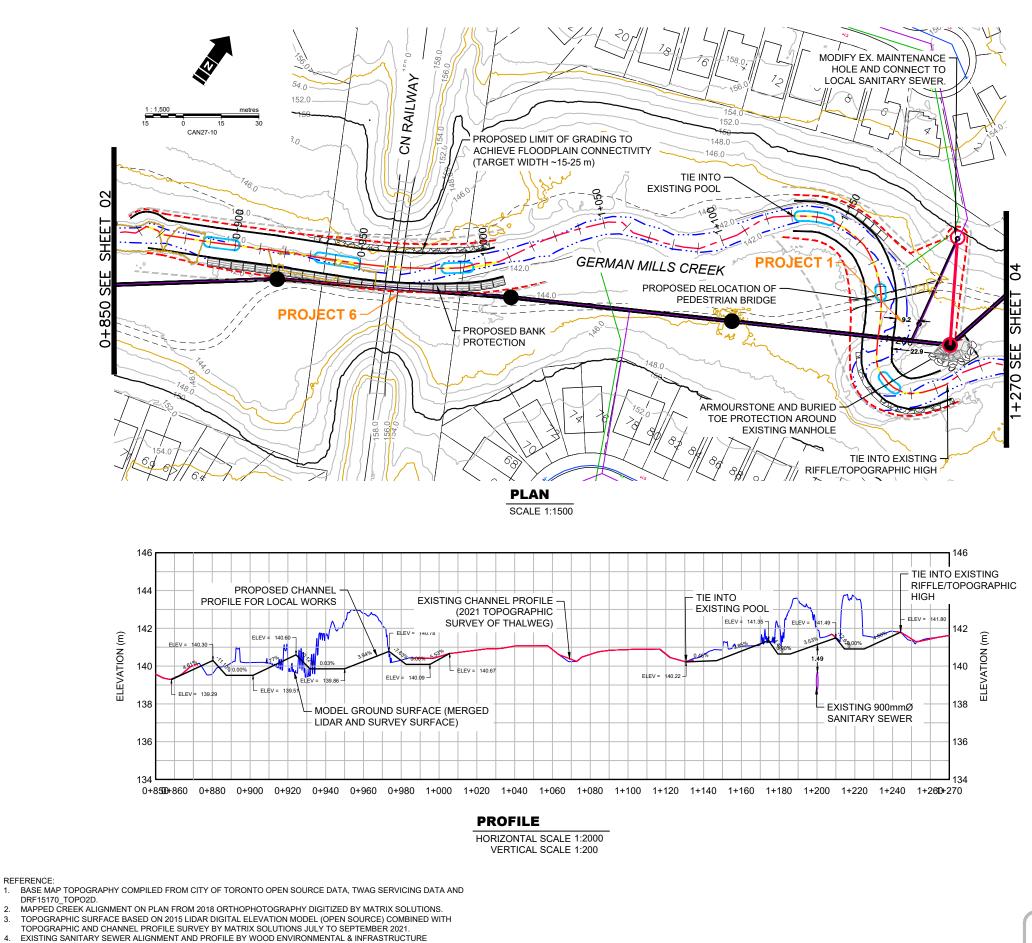


EXISTING SANITARY SEWER ALIGNMENT AND PROFILE BY WOOD ENVIRONMENTAL & INFRASTRUCTURE SOLUTIONS (S. PACKER, P.ENG.) FROM CIVIL 3D DRAWING FILE RECEIVED NOVEMBER 26, 2021, WITH REFERENCE

TO SELECT SEWER AND MAINTENANCE HOLE SURVEYS COMPLETED BY MATRIX SOLUTIONS IN 2021. COORDINATE SYSTEM ONTARIO MTM ZONE 10 NAD27.

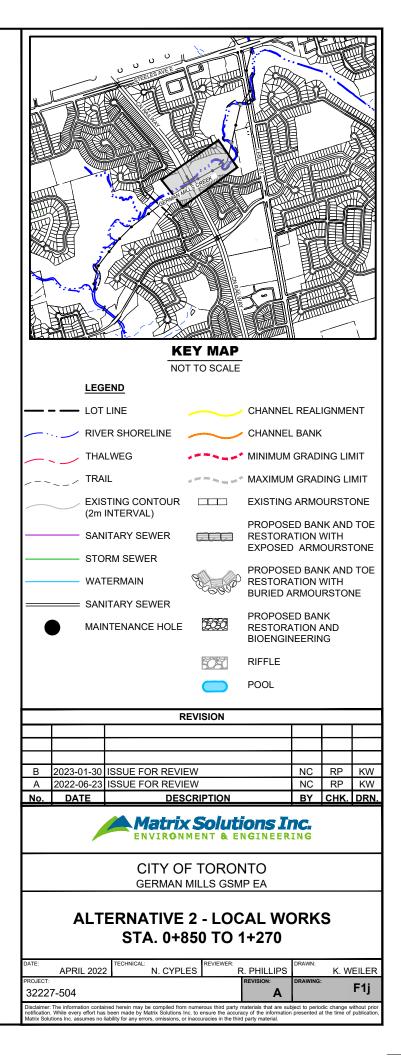
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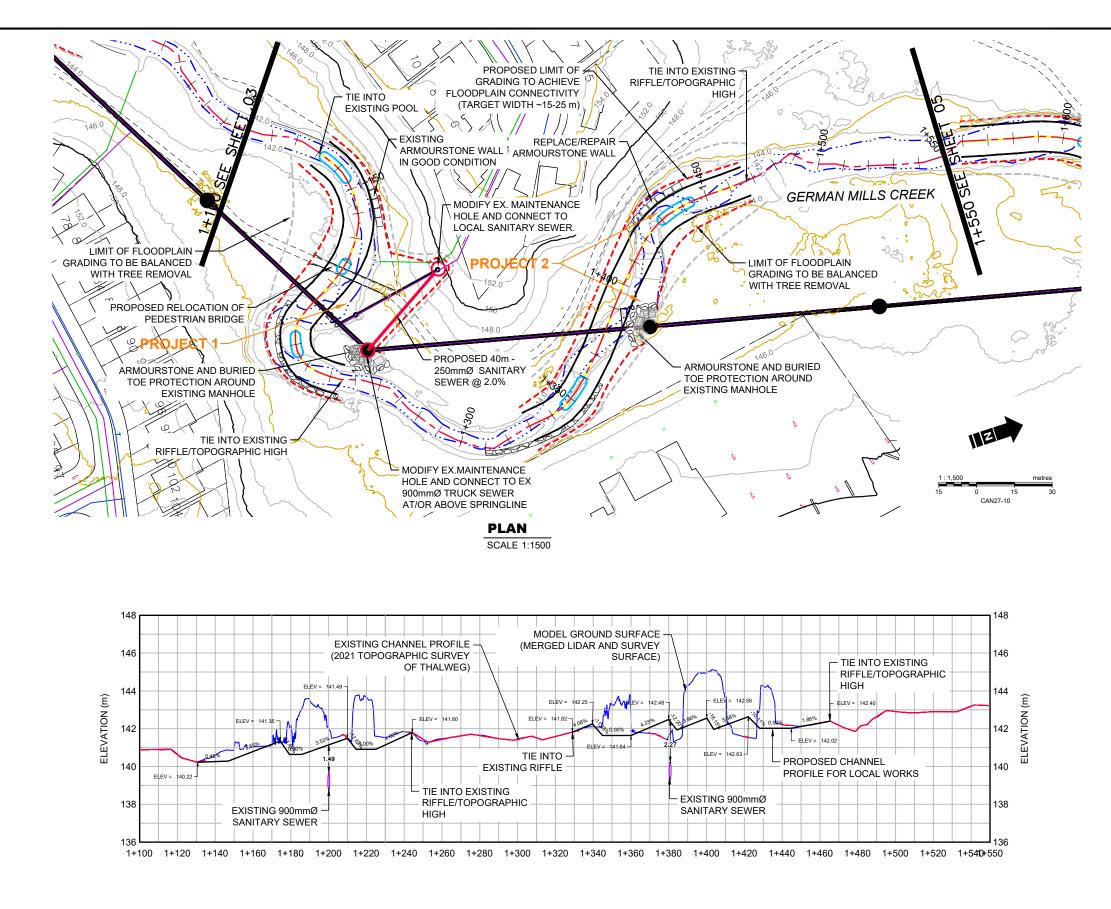




- SOLUTIONS (S. PACKER, P.ENG.) FROM CIVIL 3D DRAWING FILE RECEIVED NOVEMBER 26, 2021, WITH REFERENCE
- TO SELECT SEWER AND MAINTENANCE HOLE SURVEYS COMPLETED BY MATRIX SOLUTIONS IN 2021. DINATE SYSTEM ONTARIO MTM ZONE 10 NAD2

2



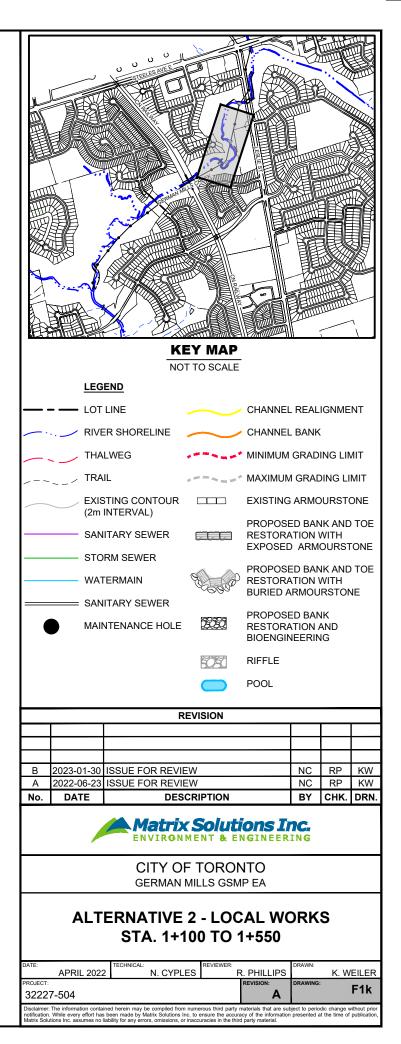


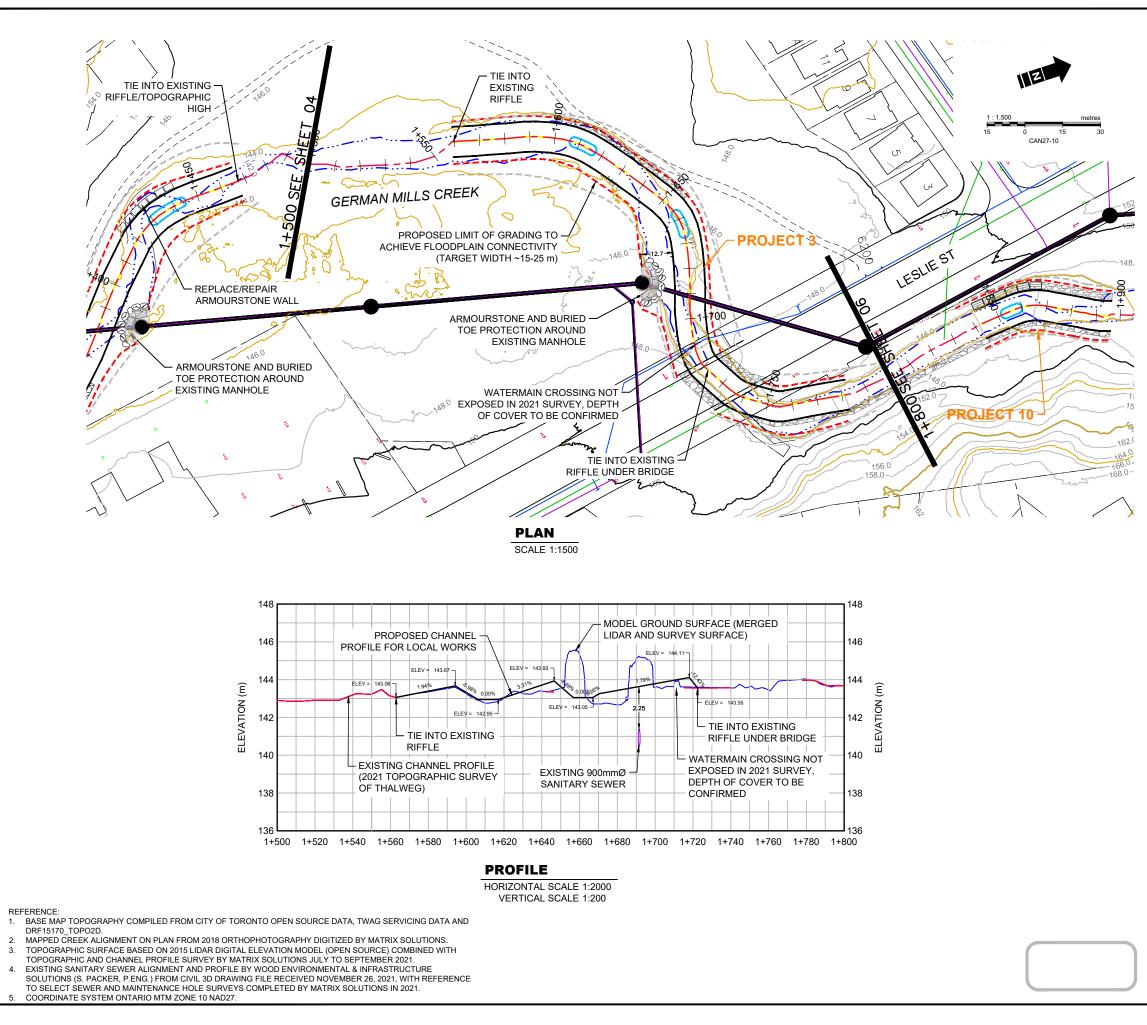
REFERENCE: 1. BASE MAP TOPOGRAPHY COMPILED FROM CITY OF TORONTO OPEN SOURCE DATA, TWAG SERVICING DATA AND

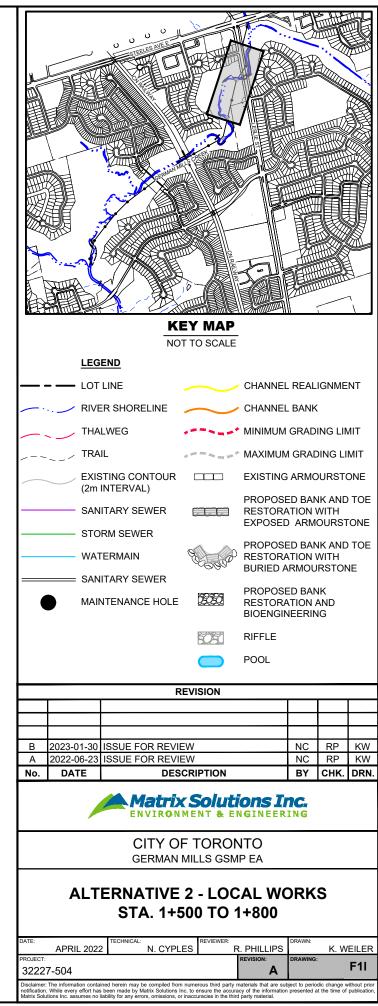
- DRF15170_TOPO2D. 2. MAPPED CREEK ALIGNMENT ON PLAN FROM 2018 ORTHOPHOTOGRAPHY DIGITIZED BY MATRIX SOLUTIONS.
- 3. TOPOGRAPHIC SURFACE BASED ON 2015 LIDAR DIGITAL ELEVATION MODEL (OPEN SOURCE) COMBINED WITH TOPOGRAPHIC AND CHANNEL PROFILE SURVEY BY MATRIX SOLUTIONS JULY TO SEPTEMBER 2021.
- 4. EXISTING SANITARY SEWER ALIGNMENT AND PROFILE BY WOOD ENVIRONMENTAL & INFRASTRUCTURE
- EASTING SANTART SEVER ALIGNMENT AND FROFILE BT WOOD ENVIRONMENTAL & INFRASTRUCTORE SOLUTIONS (S. PACKER, P. ENG.) FROM CIVIL 3D DRAWING FILE RECEIVED NOVEMBER 26, 2021, WITH REFERENCE TO SELECT SEWER AND MAINTENANCE HOLE SURVEYS COMPLETED BY MATRIX SOLUTIONS IN 2021.
- 5. COORDINATE SYSTEM ONTARIO MTM ZONE 10 NAD27.

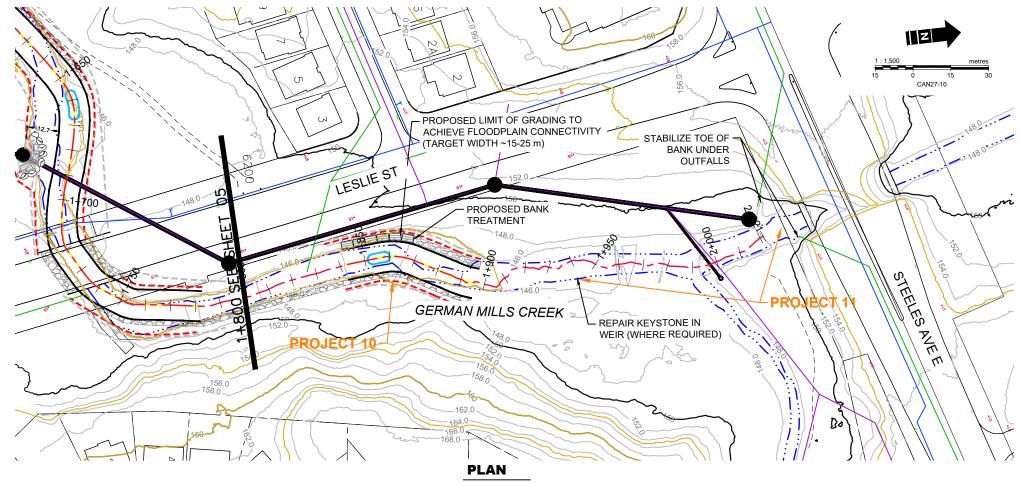
PROFILE

HORIZONTAL SCALE 1:2000 VERTICAL SCALE 1:200

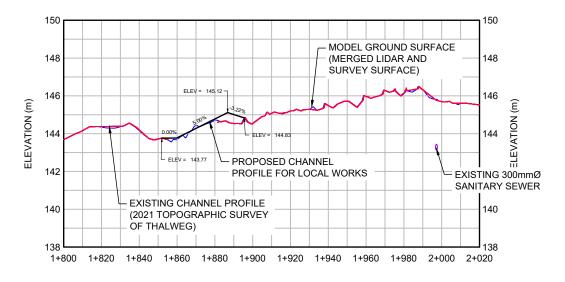








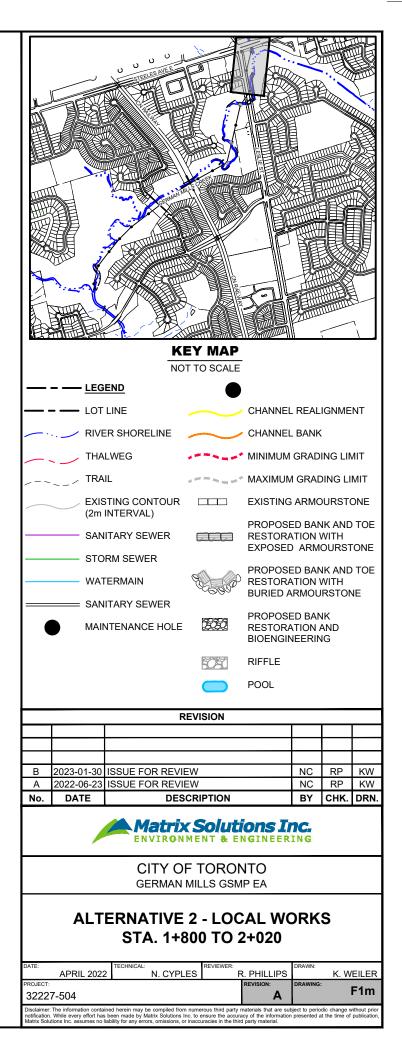
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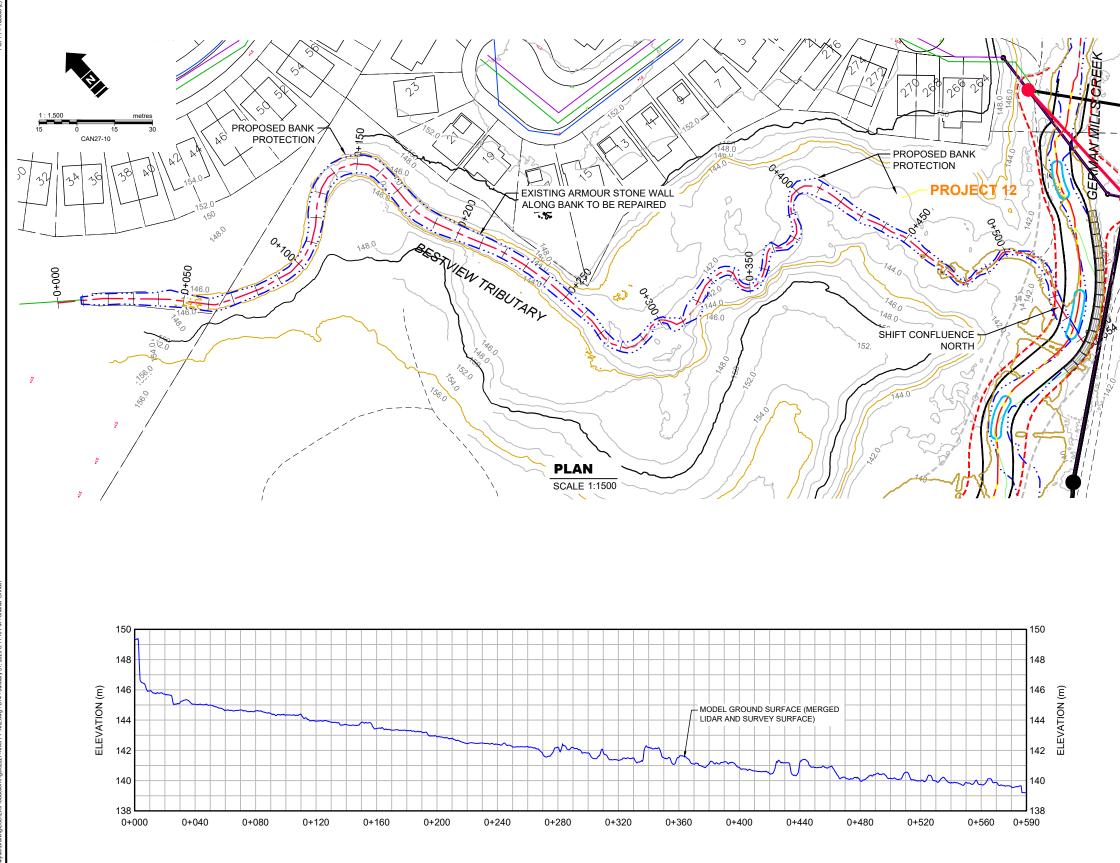


PROFILE

HORIZONTAL SCALE 1:2000 VERTICAL SCALE 1:200

- REFERENCE: BASE MAP TOPOGRAPHY COMPILED FROM CITY OF TORONTO OPEN SOURCE DATA, TWAG SERVICING DATA AND DRF15170_TOPO2D. MAPPED CREEK ALIGNMENT ON PLAN FROM 2018 ORTHOPHOTOGRAPHY DIGITIZED BY MATRIX SOLUTIONS. TOPOGRAPHIC SURFACE BASED ON 2015 LIDAR DIGITAL ELEVATION MODEL (OPEN SOURCE) COMBINED WITH
- 2
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- SOLUTIONS (S. PACKER, P.ENG.) FROM CIVIL 3D DRAWING FILE RECEIVED NOVEMBER 26, 2021, WITH REFERENCE
- TO SELECT SEWER AND MAINTENANCE HOLE SURVEYS COMPLETED BY MATRIX SOLUTIONS IN 2021. COORDINATE SYSTEM ONTARIO MTM ZONE 10 NAD27.





PROFILE

HORIZONTAL SCALE 1:2500

VERTICAL SCALE 1:250

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