

KEY MAP

- LEGEND**
- EXISTING TREES TO BE REMOVED INCLUDING ALL ROOT STRUCTURES. BACKFILL AND COMPACT TO 100% SPD. TYPICAL
 - EXISTING TREES TO REMAIN
 - EXISTING LIGHT STANDARD TO BE REMOVED AND SALVAGED PER CONTRACT ADMINISTRATOR DIRECTION
 - SUPPLY AND INSTALL TREE PROTECTION FENCE PER DETAIL 1/L-500
 - SUPPLY AND INSTALL SILT SOXX PER DETAIL 2/L-500
 - PROPERTY LINE
 - HARDSCAPE TO BE REMOVED
 - AREA TO BE CLEARED AND GRUBBED. TOPSOIL TO BE STRIPPED AND STOCKPILED ON SITE.

DRAWING INFORMATION

ORIGINAL DESIGN AND/OR DRAWING BASE COMPLETED BY:
 WSP CANADA INC.
 YEAR: 2021
 ADDRESS: 582 LANCASTER ST W, KITCHENER, ON

| NO | DATE | REVISION/ISSUED | BY | APPD |
|----|------------|-----------------|----|------|
| 2 | 2022/03/03 | 90% SUBMISSION | NM | BVV |
| 1 | 2022/01/28 | 60% SUBMISSION | NM | BVV |



CLIENT:
TOWNSHIP OF WILMOT
 60 SNYDER'S ROAD WEST
 BADEN, ON N3A 1A1

PROJECT TITLE:
NEW HAMBURG
 NITH RIVER PROMINADE
 SP #

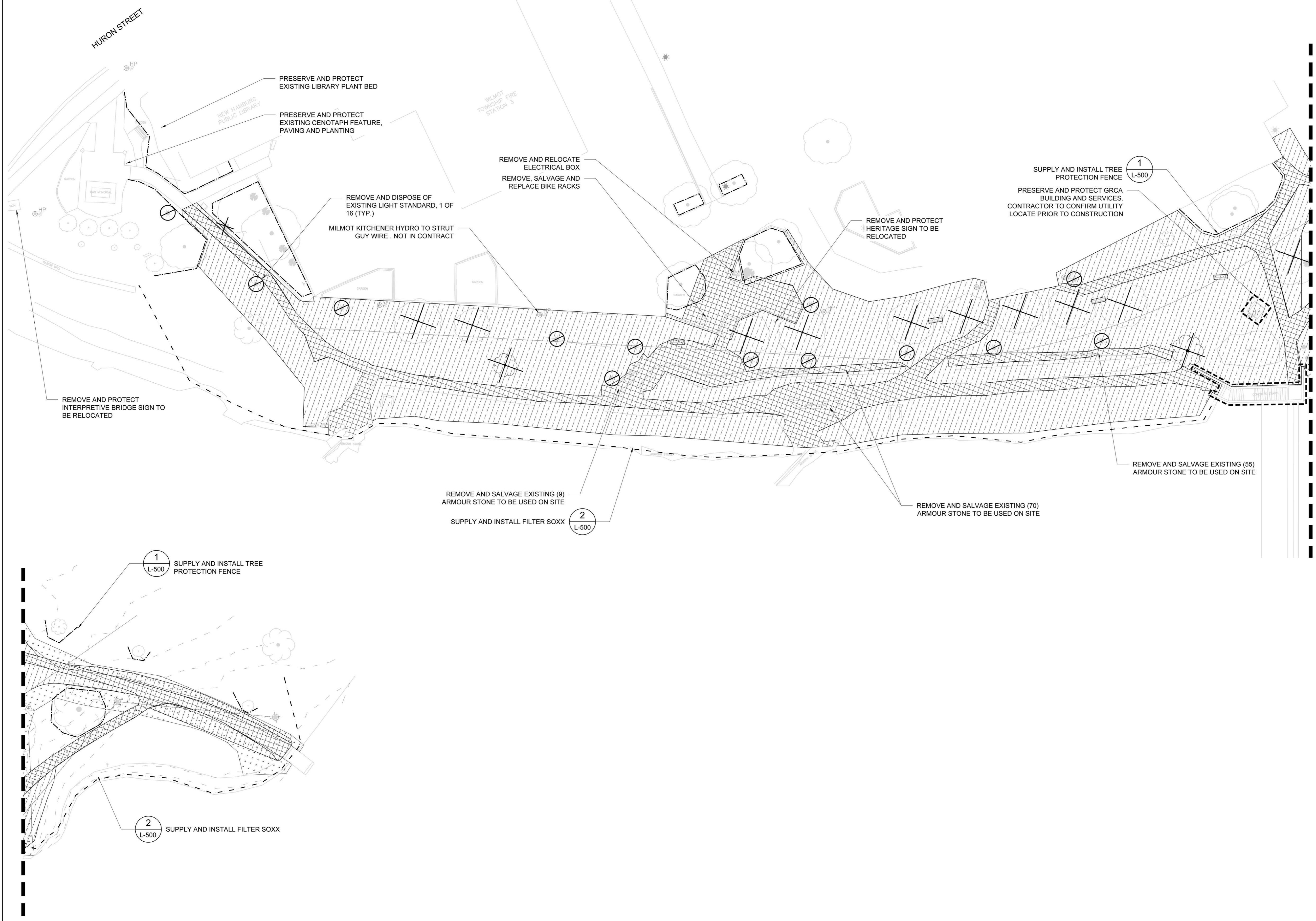
SITE ADDRESS:
 BETWEEN GRCA DAM
 AND HARTMAN BRIDGE

DRAWING TITLE:
SITE PREPARATION PLAN

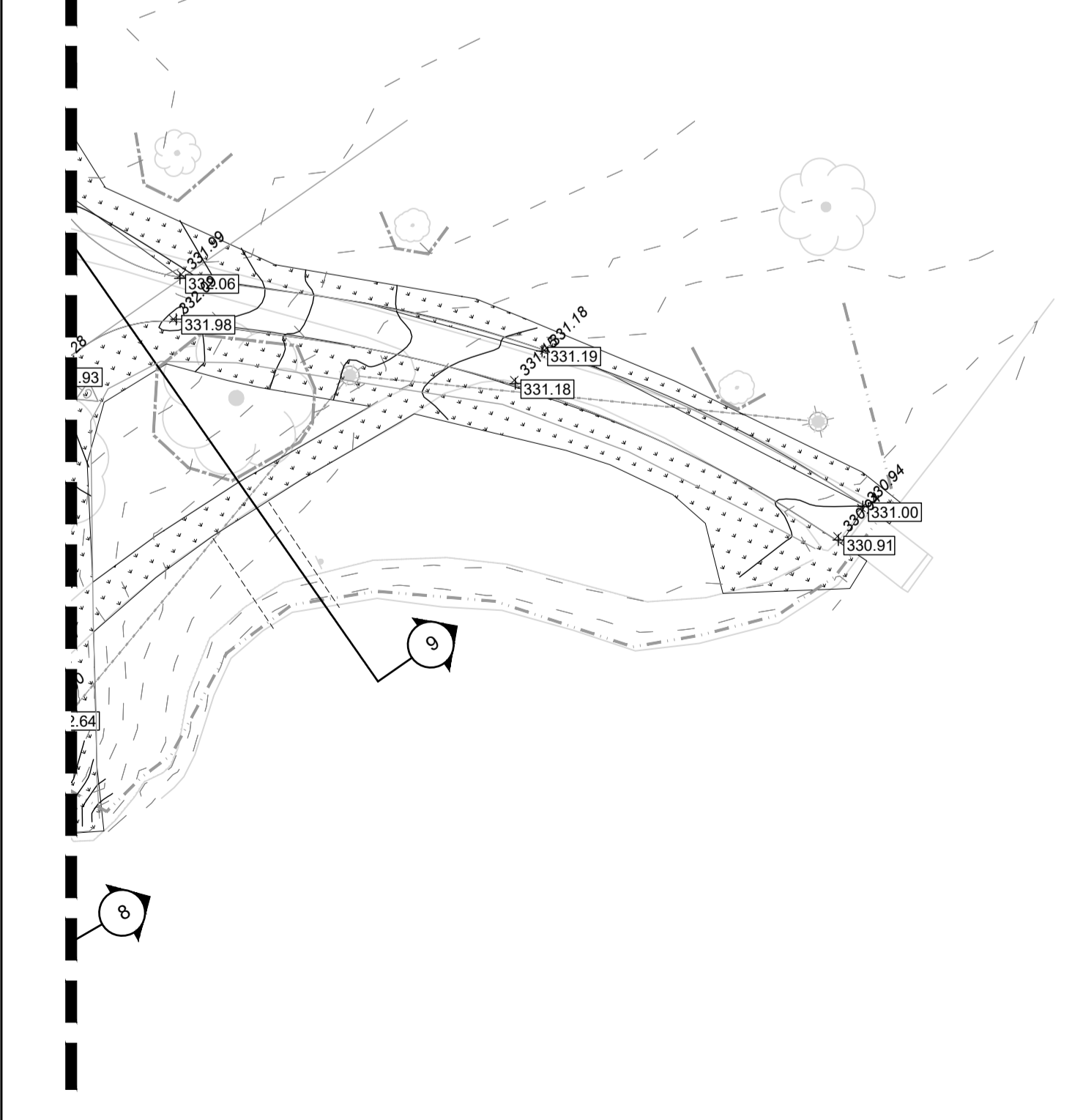
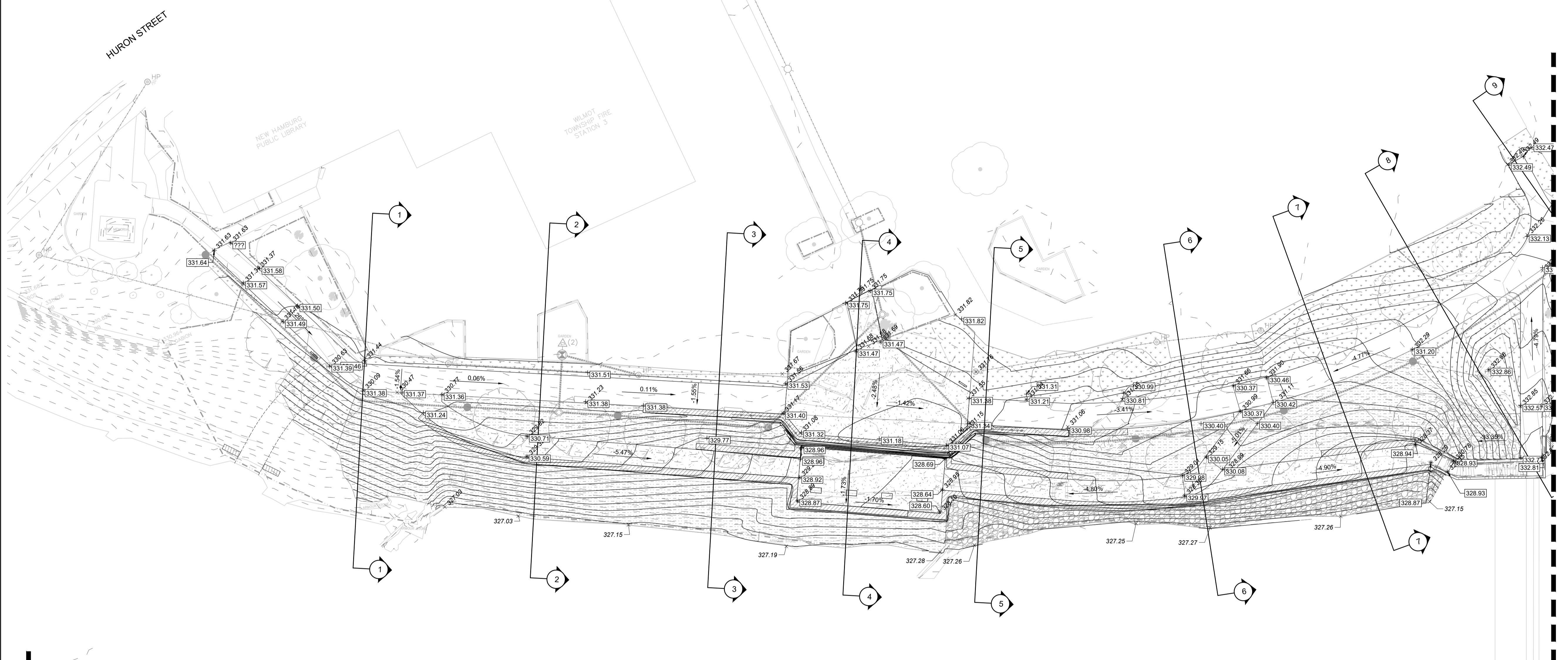
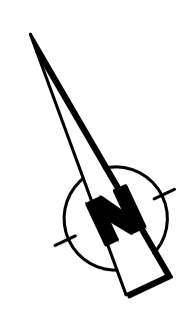
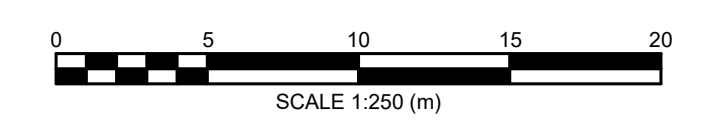
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| DESIGNED BVV | DRAWN NM | CHECKED AG |
| SCALE 1:250 | DATE JANUARY 2022 | |
| PROJECT NUMBER 211-05070-00 | DWG. NUMBER L-110 | |



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KEY MAP

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED FENCING
- PROPERTY LINE
- PROPOSED IRRIGATION WATERMAIN (REFER TO IRRIGATION DRAWINGS)

EXISTING UTILITIES

- SANITARY SEWER LINE
- ABOVE GROUND HYDRO LINE
- CATCH BASIN
- FIRE HYDRANT
- GUY WIRE
- MANHOLE
- MANHOLE-HYDRO
- SINGLE POST SIGN
- LIGHT HYDRO POLE
- WATER VALVE

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WSP Landscape Architecture
 582 Lancaster Street West
 Kitchener, ON N2K 1M3
 T. 519-743-8777
 www.wsp.com

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PROJECT TITLE:
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 NITH RIVER PROMINADE
 SP #

SITE ADDRESS:
 BETWEEN GRCA DAM
 AND HARTMAN BRIDGE

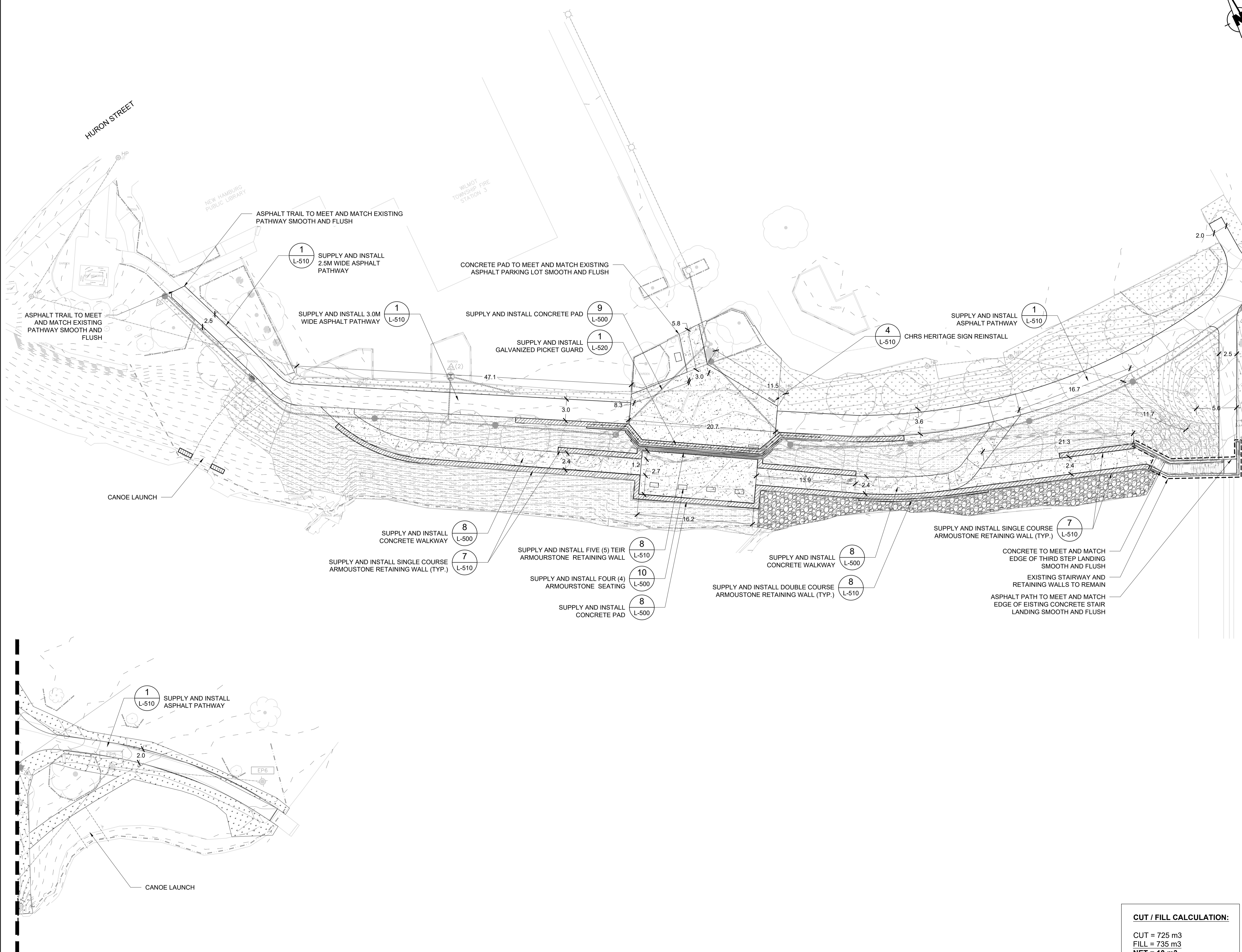
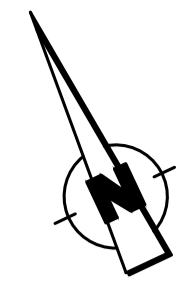
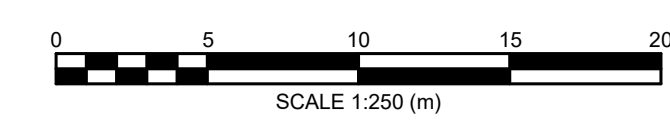
DRAWING TITLE:
GRADING PLAN

STAMP

STAMP

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|----------------|--------------|-------------|--------------|---------|----|
| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE | 1:250 | DATE | JANUARY 2022 | | |
| PROJECT NUMBER | 211-05070-00 | DWG. NUMBER | L-200 | | |

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 L:\Landscape\Jobs\2021\211-05070-00\Township of Wilmot - New Hamburg Nith River Promenade\05 CAD\PRODUCTION\New Hamburg Promenade_R2.dwg



KEY MAP

LEGEND

- PROPOSED TREES
- SUPPLY AND INSTALL TERRASEEDING MIX 50% CVC SEED MIX 6 & 50% CVC SEED MIX 7.
- SUPPLY AND INSTALL SOD PER SPECIFICATIONS. CONTRACTOR TO ENSURE MINIMUM TOPSOIL REQUIREMENTS OF 150mm.
- SUPPLY AND INSTALL ASPHALT PATHWAY PER DETAIL 1L-510
- SUPPLY AND INSTALL CONCRETE PATHWAY PER DETAIL 8L-500
- SUPPLY INSTALL RIPRAP
- SUPPLY AND INSTALL ARMOURSTONE RETAINING WALL PER DETAIL 7L-510 & 8L-510
- O.W. SUPPLY AND INSTALL SIGN PER DETAIL XX-XXX
- SILT FENCE
- TREE PROTECTION FENCE
- SUPPLY AND INSTALL DECORATIVE RAILING PER DETAIL XX-XXX
- EXISTING TREES TO REMAIN

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 60 SNYDER'S ROAD WEST
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PROJECT TITLE: **NEW HAMBURG**
 NITH RIVER PROMINADE
 SP #

SITE ADDRESS: **BETWEEN GRCA DAM AND HARTMAN BRIDGE**

DRAWING TITLE: **LAYOUT PLAN**

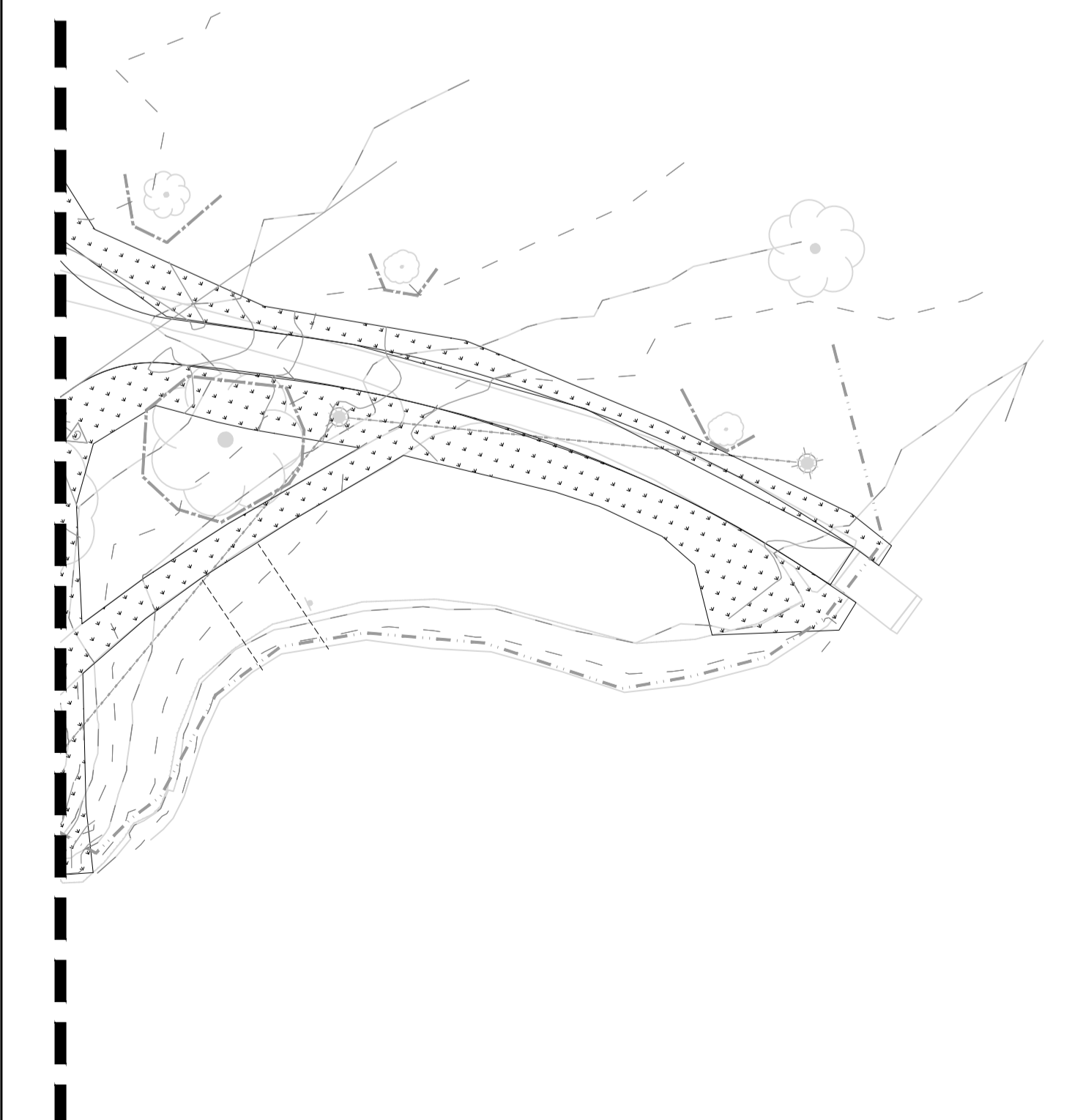
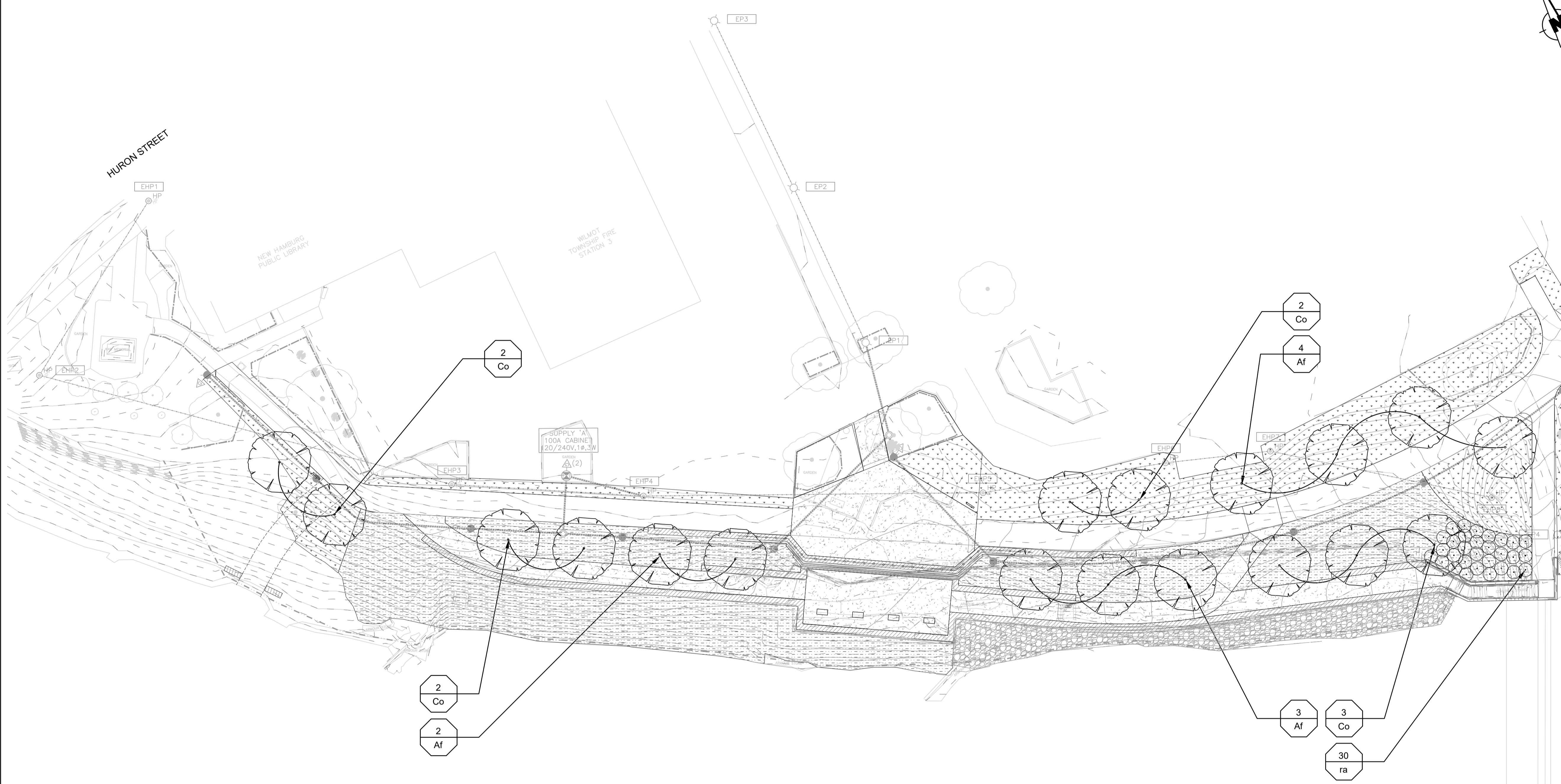
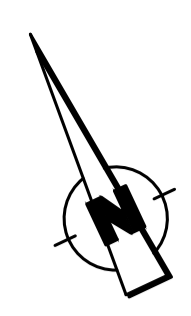
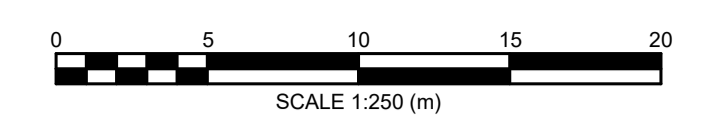
STAMP

DESIGNED: BVV DRAWN: NM CHECKED: AG
 SCALE: 1:250 DATE: JANUARY 2022
 PROJECT NUMBER: 211-05070-00 DWG. NUMBER: L-300

CUT / FILL CALCULATION:

CUT = 725 m3
 FILL = 735 m3
 NET = 10 m3

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- SUPPLY AND INSTALL GARDEN BED FOR FUTURE PLANTING
- SUPPLY AND INSTALL SOD PER SPECIFICATIONS. CONTRACTOR TO ENSURE MINIMUM TOPSOIL REQUIREMENTS OF 150mm.
- SUPPLY INSTALL RIPRAP
- SUPPLY AND INSTALL ASPHALT PATHWAY PER DETAIL XX-XXX
- SUPPLY AND INSTALL CONCRETE PATHWAY
- O.W. SUPPLY AND INSTALL SIGN PER DETAIL XX-XXX
- SILT FENCE
- TREE PROTECTION FENCE
- SUPPLY AND INSTALL DECORATIVE RAILING PER DETAIL XX-XXX
- EXISTING TREES TO REMAIN

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PROJECT TITLE:
 NEW HAMBURG
 NITH RIVER PROMINADE
 SP #

SITE ADDRESS:
 BETWEEN GRCA DAM
 AND HARTMAN BRIDGE

DRAWING TITLE:
 PLANTING PLAN

STAMP

DESIGNED: BVV DRAWN: NM CHECKED: AG
 SCALE: 1:250 DATE: JANUARY 2022
 PROJECT NUMBER: 211-05070-00 DWG. NUMBER: L-400

NOTE:

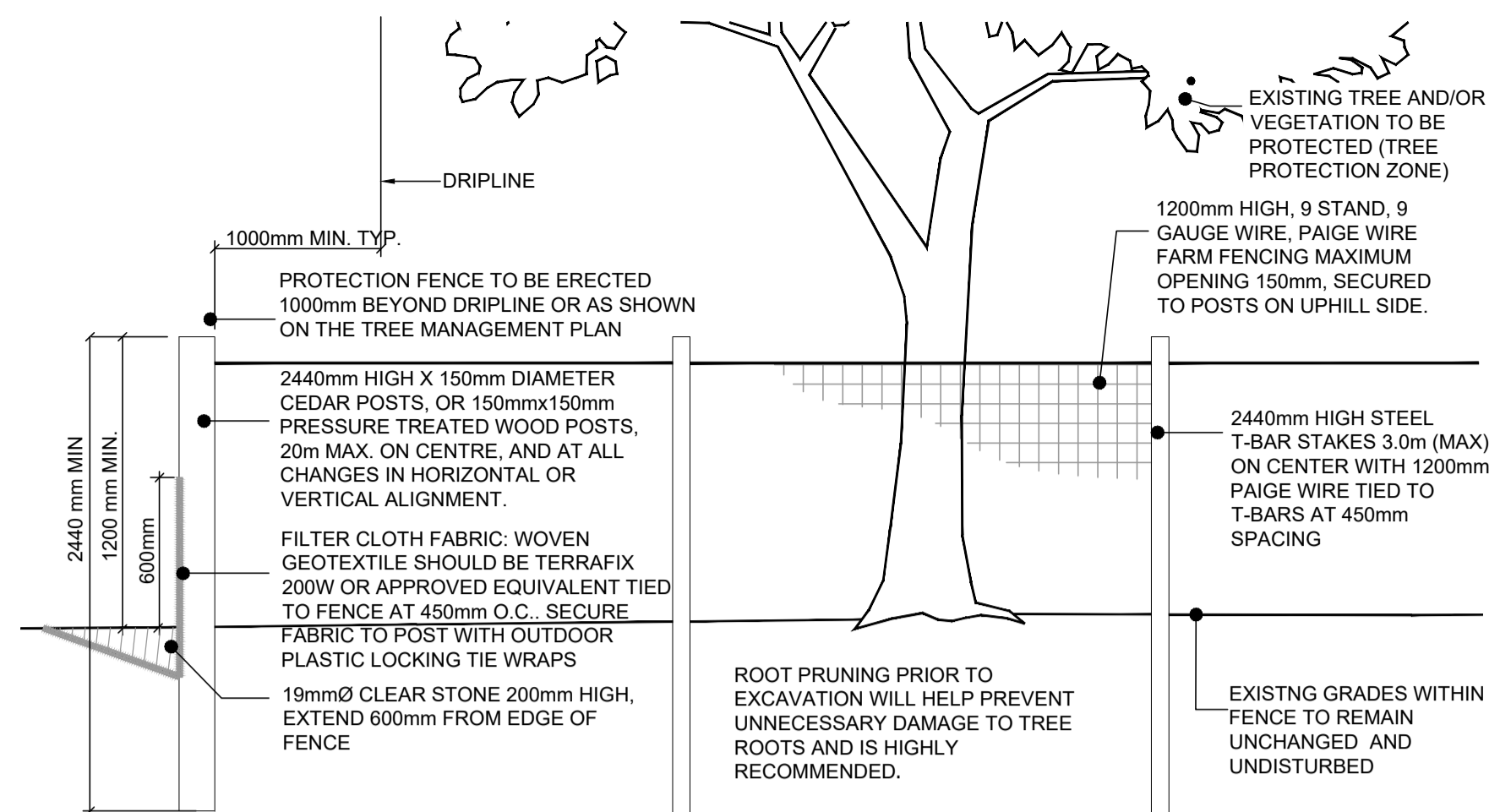
- CONTRACTOR TO RESTORE ALL DAMAGED SOFTSCAPE WITH SOD PER THE CONTRACT ADMINISTRATOR'S INSTRUCTIONS.
- ALL TREES NOT IN CONTRACT AND TO BE PLANTED BY OTHERS
- CONTRACTOR RESPONSIBLE FOR TERRA SEEDING

PLANT LIST - MASTER LIST

| Key | Qty. | Botanical Name | Common Name | Condition | Spacing |
|------------------|------|------------------------|------------------------|----------------|---------|
| Trees | | | | | |
| Deciduous | | | | | |
| Af | 9 | Acer freemanii | Freeman Maple | 45mm Cal. W.B. | 5.0m |
| Co | 9 | Celtis occidentalis | Hackberry | 45mm Cal. W.B. | 5.0m |
| Shrubs | | | | | |
| ra | 30 | Rhus amatica 'Gro-Low' | Gro-Low Fragrant Sumac | 40cm. 3gal. | 1.5m |

Note: Plant Quantities Indicated on the Planting Plan will Supersede the Quantities Listed Above.

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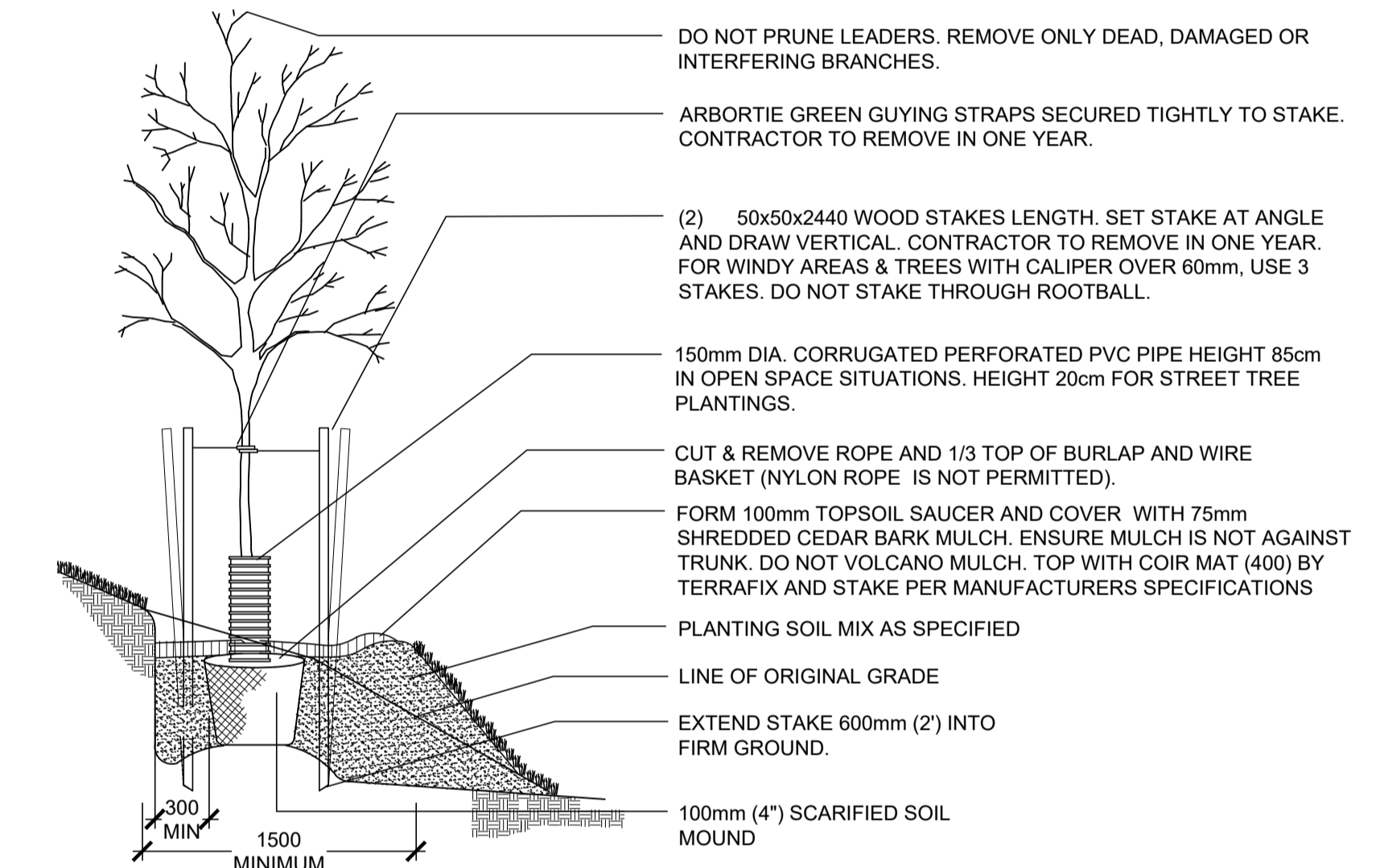
NOTES:

- ATTACHMENT OF FENCE TO TREES WILL NOT BE PERMITTED.
- ANY EXPOSED ROOTS ARE TO BE HAND PRUNED TO THE SATISFACTION OF THE PROJECT ARBORIST.
- UNDER NO CIRCUMSTANCES SHALL ANY CONSTRUCTION MATERIALS, EQUIPMENT OR VEHICLES BE PLACED WITHIN THE TREE PROTECTION ZONE.
- ALL TREE PROTECTION TO BE ERRECTED PRIOR TO ANY CONSTRUCTION ACTIVITY AND IS TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED. OBTAIN WRITTEN APPROVAL FROM CONTRACT ADMINISTRATOR PRIOR TO REMOVAL OF FENCING.

1 TREE PROTECTION FENCE

L-500

Scale: N.T.S.



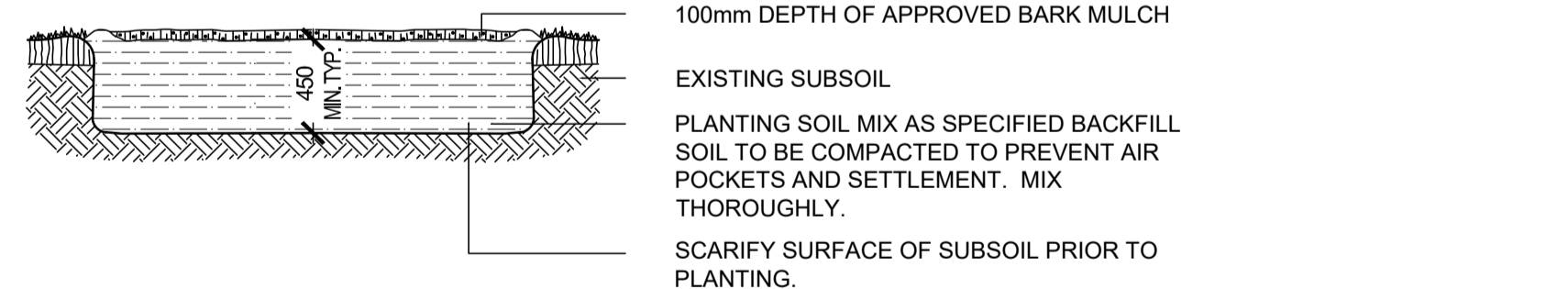
NOTES :

- PLANT TREE NO HIGHER THAN 50mm ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.
- WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN TREES IN A HEALTHY CONDITION.
- ALL TAGS AND LABELS TO REMAIN UNTIL INSPECTION IS COMPLETE.
- CONTRACTOR TO REMOVE ALL STAKES, TAGS AND LABELS AT THE END OF ONE YEAR.

4 TREE PLANTING ON A SLOPE

L-500

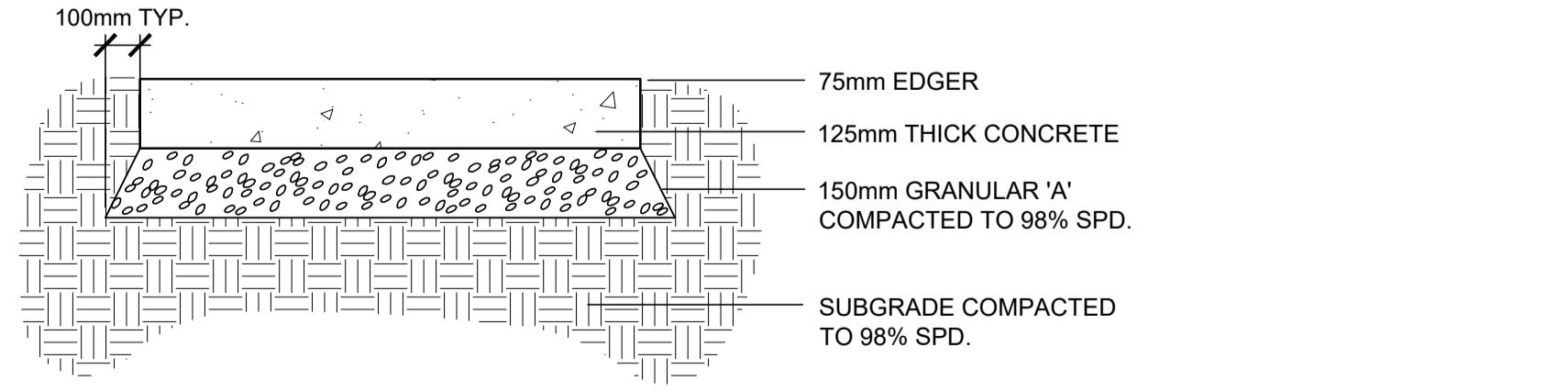
Scale: N.T.S.



7 PLANTING BED (FOR FUTURE PLANTING)

L-500

Scale: N.T.S.



NOTES:

- CONCRETE TO BE 35MPa COMPRESSIVE STRENGTH AT 28 DAYS WITH 6% TO 8% AIR ENTERTAINMENT (FIBREMESH INFORCE E3 FIBRILLATED POLYPROPYLENE FIBRE TO ADD TO MIXTURE AT .9KG PER CUBIC METRE).
- EXPANSION JOINTS SHALL BE LOCATED AT A MAXIMUM 4.0m ON CENTRE AND WHERE CONCRETE MEETS OTHER HARD SURFACES AND STRUCTURES
- CONTRACTION JOINTS WITH DOUBLE EDGER IN FRESH CONCRETE THEN SAWCUT TO A DEPTH OF 30mm. WHEN THE SIDEWALK WIDTH IS 2.0 M OR GREATER, A LONGITUDINAL CONTRACTION JOINT SHALL BE SAWN OR FORMED AT A MAXIMUM SPACING INTERVAL OF 1.5 M.

8 CONCRETE PAD

L-500

Scale: N.T.S.

PRODUCT SPECIFICATIONS

Filtrex SiltSoxx® ORIGINAL

PURPOSE & DESCRIPTION
Filtrex SiltSoxx ORIGINAL is a pre-filled compost filter sock comprised of mesh material and certified FilterMedia™. Filtrex SiltSoxx ORIGINAL strength mesh is the most widely recognized and used product in the industry. Available in green/black stripe or tan.

APPLICATIONS

- Perimeter Control
- Inlet Protection
- Check Dams
- Slope Interruption

FOR ADDITIONAL INFORMATION
Refer to the **Filtrex Catalog** for full item listings.

Refer to **Filtrex Design Specifications** for complete application, design, installation, maintenance, and removal documentation at www.filtrex.com/specs

FIELD APPLICATION PHOTO REFERENCES

Filtrex SiltSoxx ORIGINAL Specifications

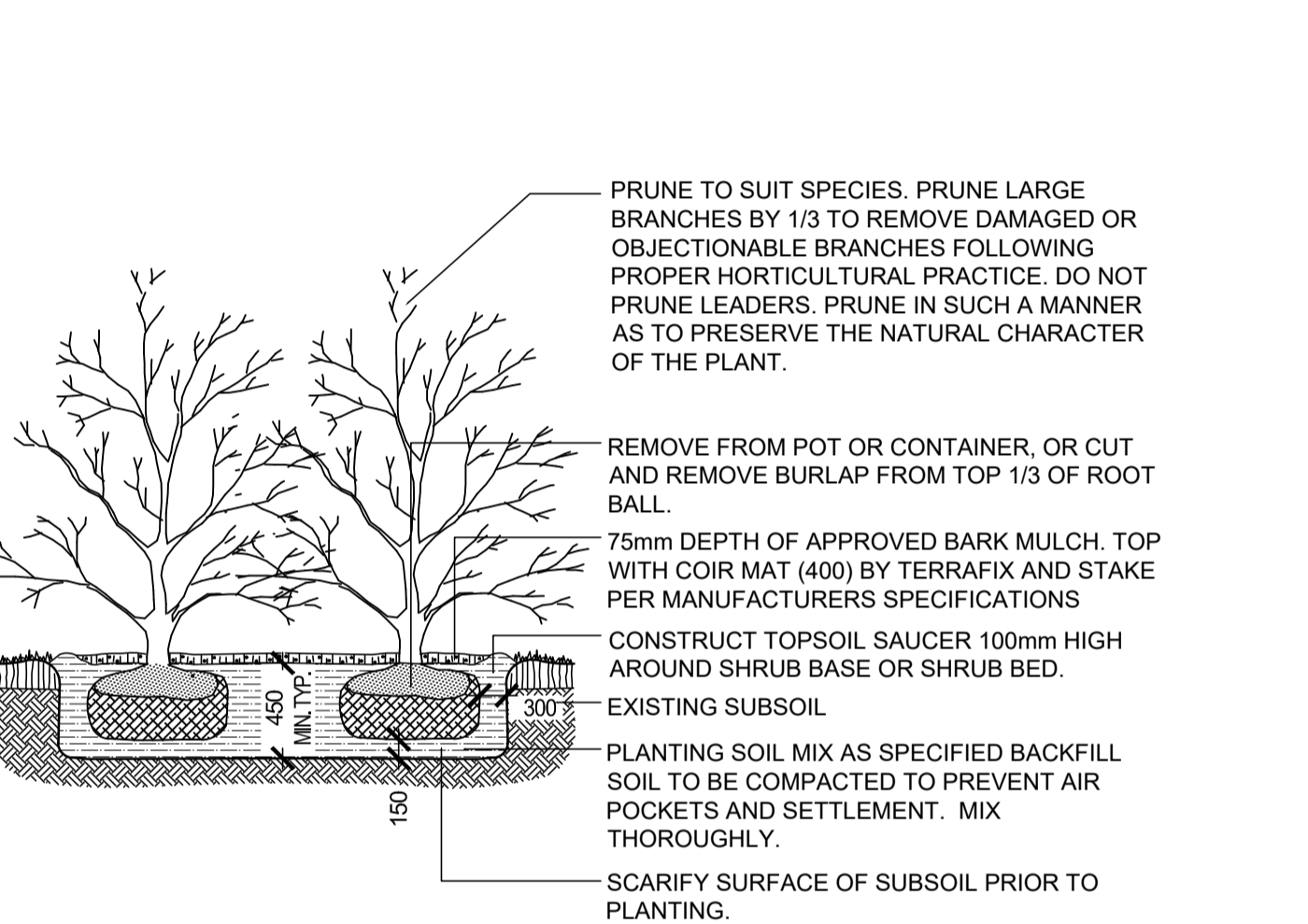
| | |
|---|---|
| Product Name | SiltSoxx ORIGINAL |
| Mesh Material Type | Multi-Filament Polypropylene (MFPP) Photodegradable |
| Uses | standard sediment control applications |
| Mesh Opening Size | 1/8" |
| Diameters | 12', 2' |
| Functional Longevity/ Project Duration¹ | up to 5 yr |
| Tensile Strength (ASTM D4595)² | MD: 670 lbs TD: 423 lbs |
| Fill Material | Locally sourced FilterMedia™ |
| Mesh Color | green/thin black stripe |
| Mesh Sample | |
| FilterMedia Sample | |

¹Functional longevity ranges are estimates only. Site specific environmental conditions may result in significantly shorter or longer time periods.
²Tensile Strength is based on 12" diameter using ASTM D4595. See Filtrex TechData #3342 for full tensile strength testing.

2 FILTREX SILTSOXX ORIGINAL 12"

L-500

Scale: N.T.S.



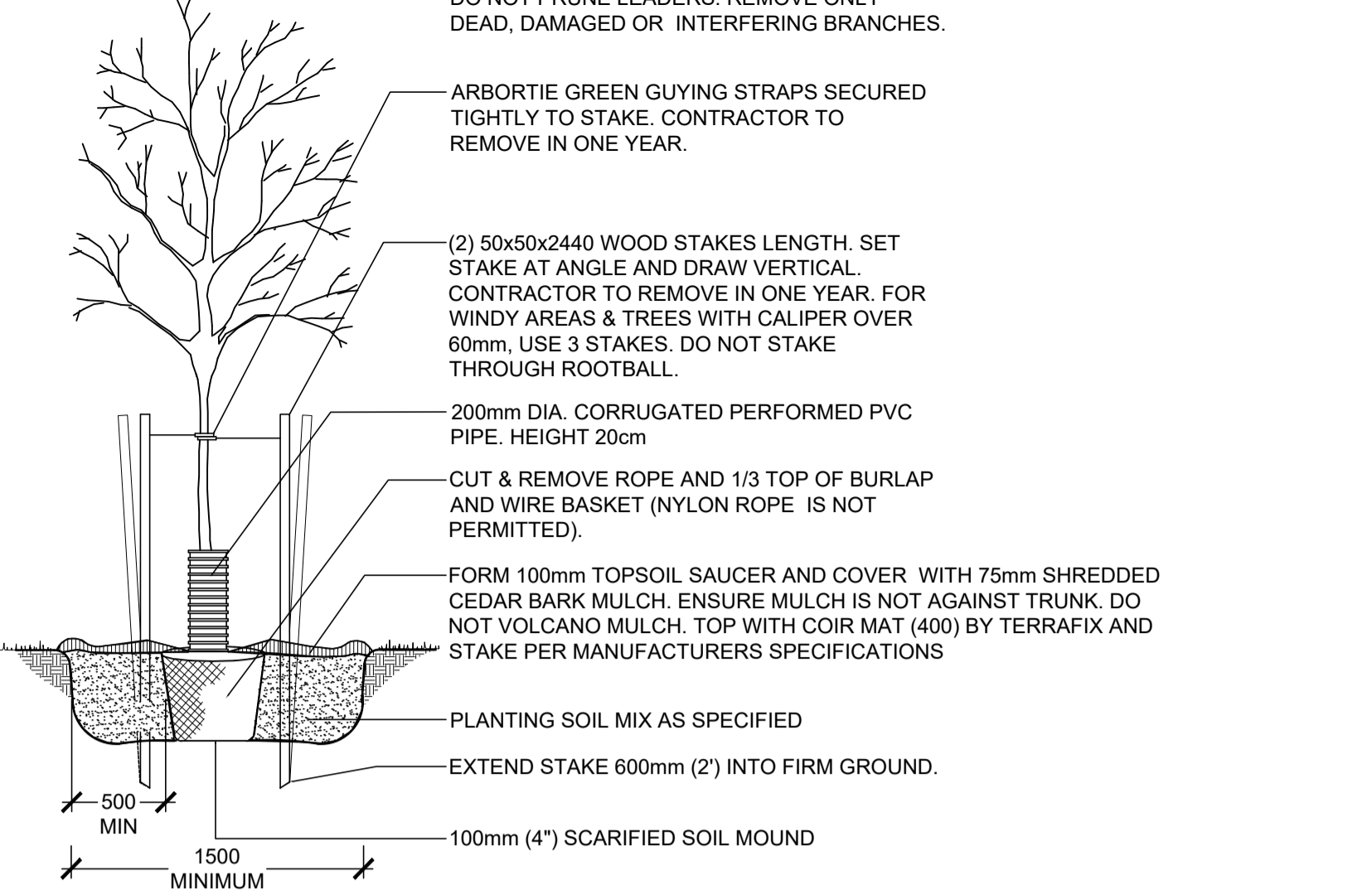
NOTES

- PLANT TREE NO HIGHER THAN 50mm ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.
- WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN TREES IN A HEALTHY CONDITION.
- ALL TAGS AND LABELS TO REMAIN UNTIL INSPECTION IS COMPLETED.
- CONTRACTOR TO REMOVE ALL TAGS, LABELS AND STAKES AT THE END OF ONE YEAR.

5 SHRUB PLANTING

L-500

Scale: N.T.S.



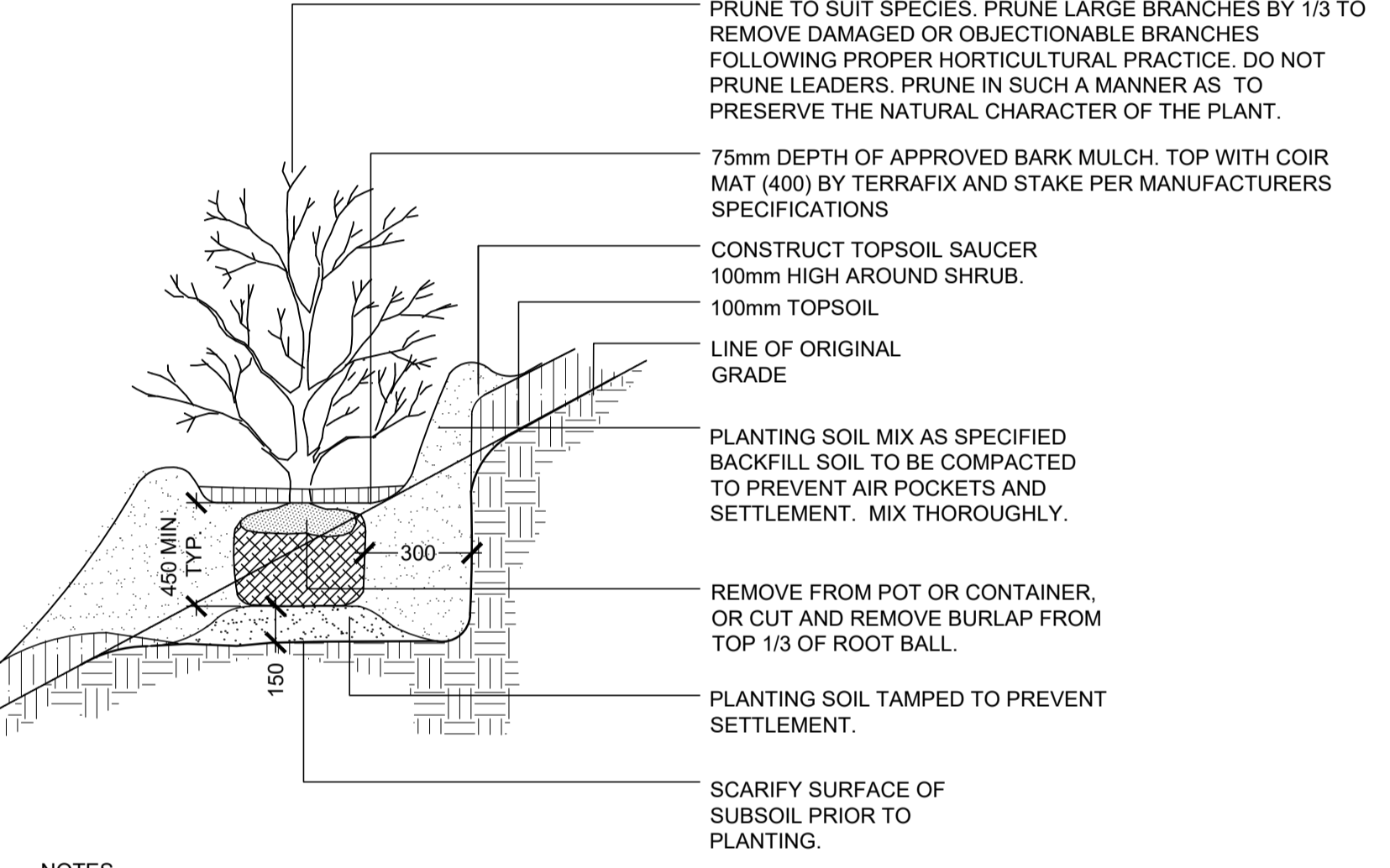
NOTES:

- TO BE INSTALLED IN THE LOCATION NOTED IN THE DRAWINGS AND PER MANUFACTURERS SPECIFICATIONS.
- PLANT TREE NO HIGHER THAN 50mm ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.
- WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN TREES IN A HEALTHY CONDITION.
- ALL TAGS AND LABELS TO REMAIN UNTIL INSPECTION IS COMPLETED.
- CONTRACTOR TO REMOVE ALL TAGS, LABELS AND STAKES AT THE END OF THE FIRST YEAR OF WARRANTY.

3 TREE PLANTING

L-500

Scale: N.T.S.



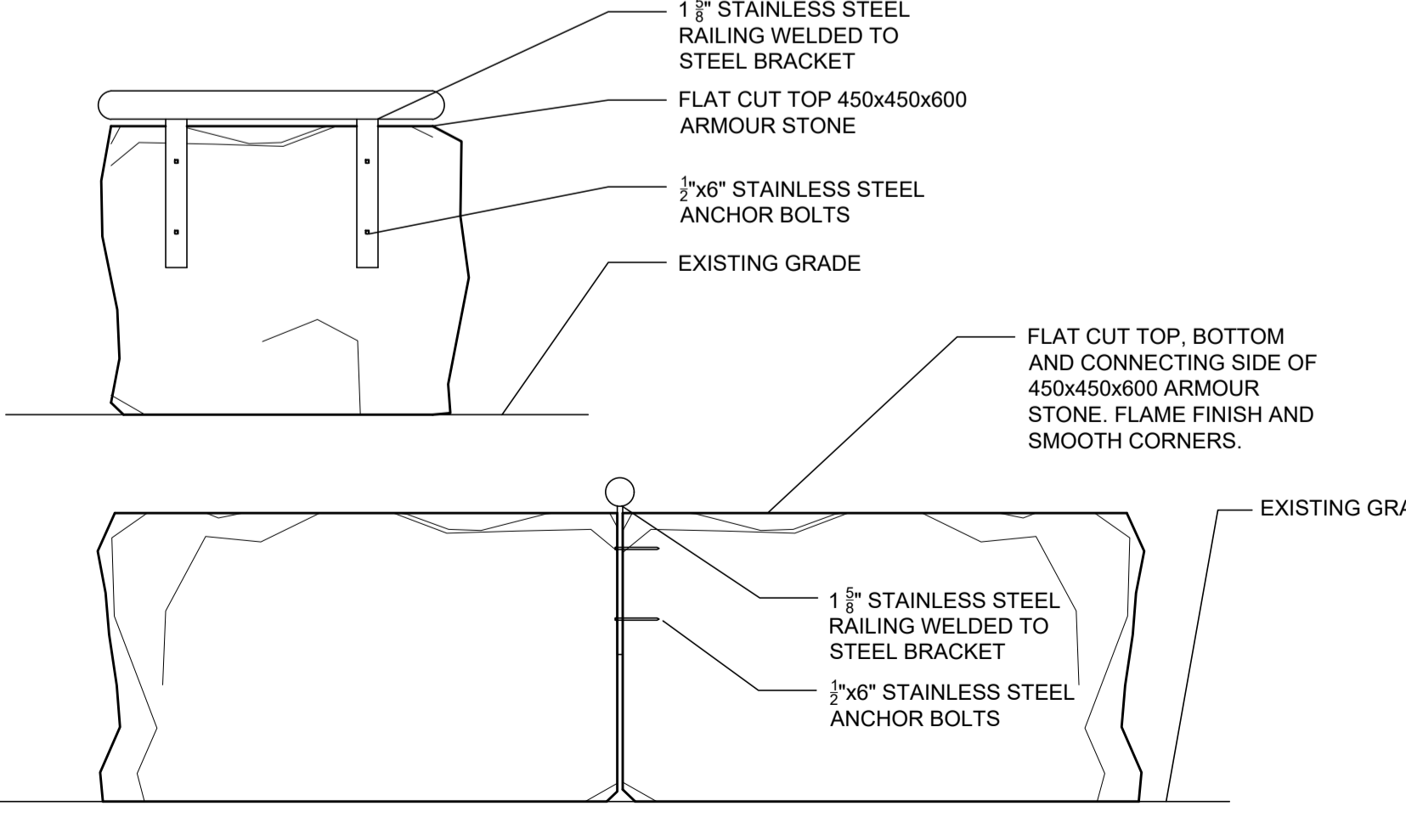
NOTES

- PLANT TREE NO HIGHER THAN 50mm ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.
- WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN TREES IN A HEALTHY CONDITION.
- ALL TAGS AND LABELS TO REMAIN UNTIL INSPECTION IS COMPLETED.
- CONTRACTOR TO REMOVE ALL TAGS, LABELS AND STAKES AT THE END OF ONE YEAR.

6 SHRUB PLANTING ON A SLOPE

L-500

Scale: N.T.S.



10 ARMOUR STONE BENCH

L-500

Scale: N.T.S.

KEY MAP

LEGEND

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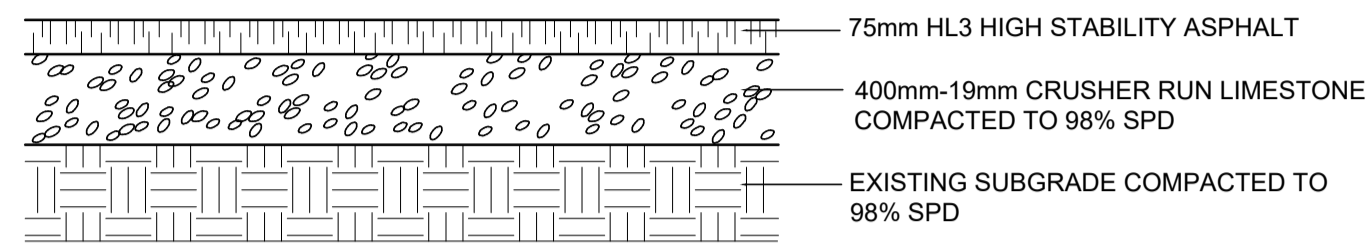
PROJECT TITLE: **NEW HAMBURG**
NITH RIVER PROMINADE
SP #

SITE ADDRESS: **BETWEEN GRCA DAM AND HARTMAN BRIDGE**

DRAWING TITLE: **DETAILS**

STAMP:

| | | |
|------------------------------|--------------------|--------------------|
| DESIGNED: BVV | DRAWN: NM | CHECKED: AG |
| SCALE(S) SHOWN: 1 | DATE: JANUARY 2022 | DWG. NUMBER: L-500 |
| PROJECT NUMBER: 211-05070-00 | | DWG. NUMBER: L-500 |



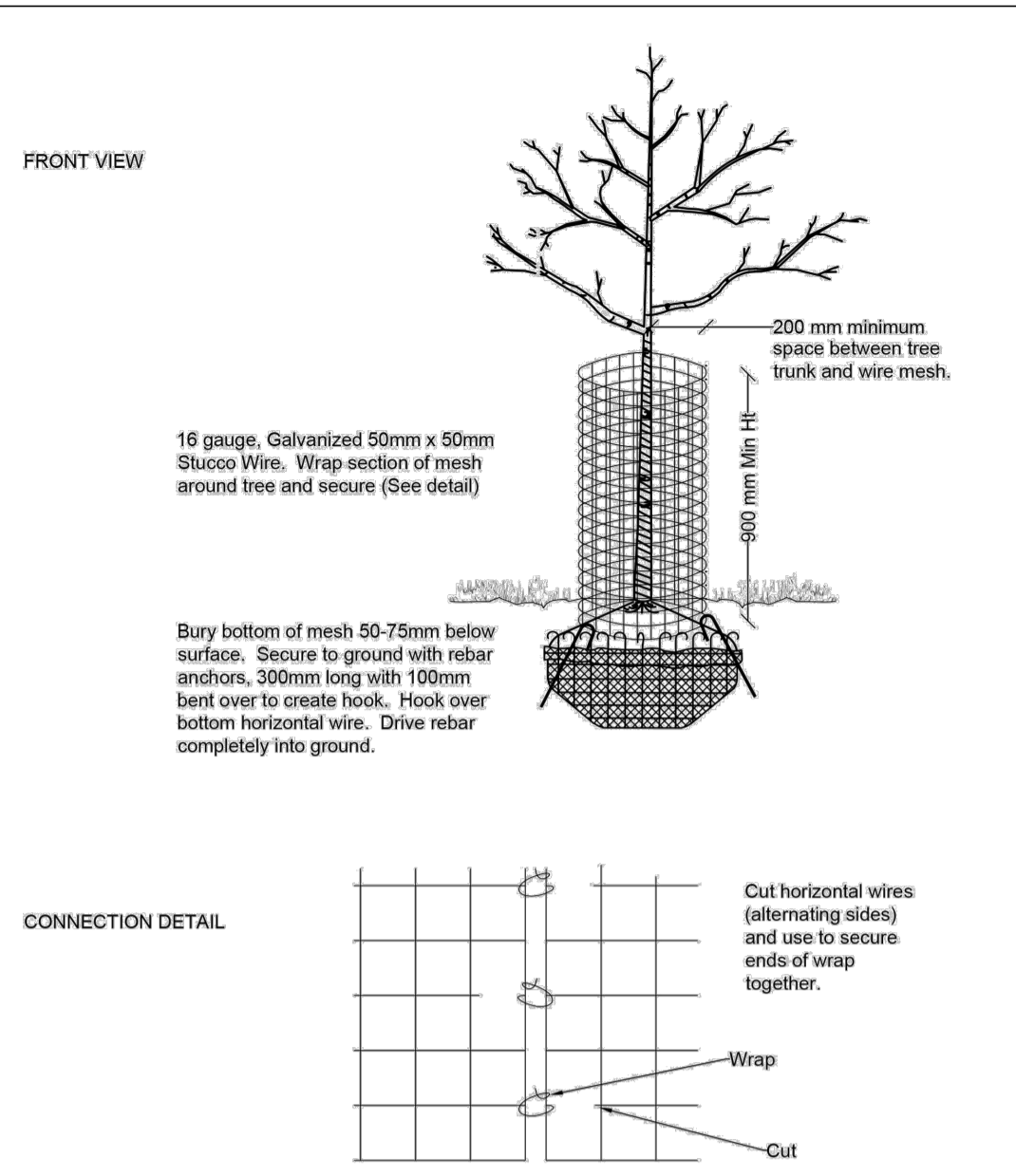
NOTES :

- PROOF ROLLING OF SUBGRADE SHALL BE INSPECTED BY THE GEOTECHNICAL CONSULTANT.
- EXISTING GRANULAR MATERIAL SHALL NOT BE UTILIZED WITHIN THE NEW PAVEMENT STRUCTURE.
- ASPHALT MATERIALS SHALL BE ROLLED AND COMPACTED TO A MINIMUM OF 97 PERCENT MBD. PROOF ROLLING OF ASPHALT SHALL BE INSPECTED BY THE GEOTECHNICAL CONSULTANT.
- IF PAVEMENT CONSTRUCTION OCCURS IN WET, INCLEMENT WEATHER THE CONTRACTOR SHALL DISCUSS ADDITIONAL SUBGRADE SUPPORT WITH THE GEOTECHNICAL CONSULTANT AND PROVIDE ADDITIONAL GRANULAR SUBBASE BASED ON THE GEOTECHNICAL CONSULTANT'S RECOMMENDATIONS.

1 ASPHALT PATH

L-510

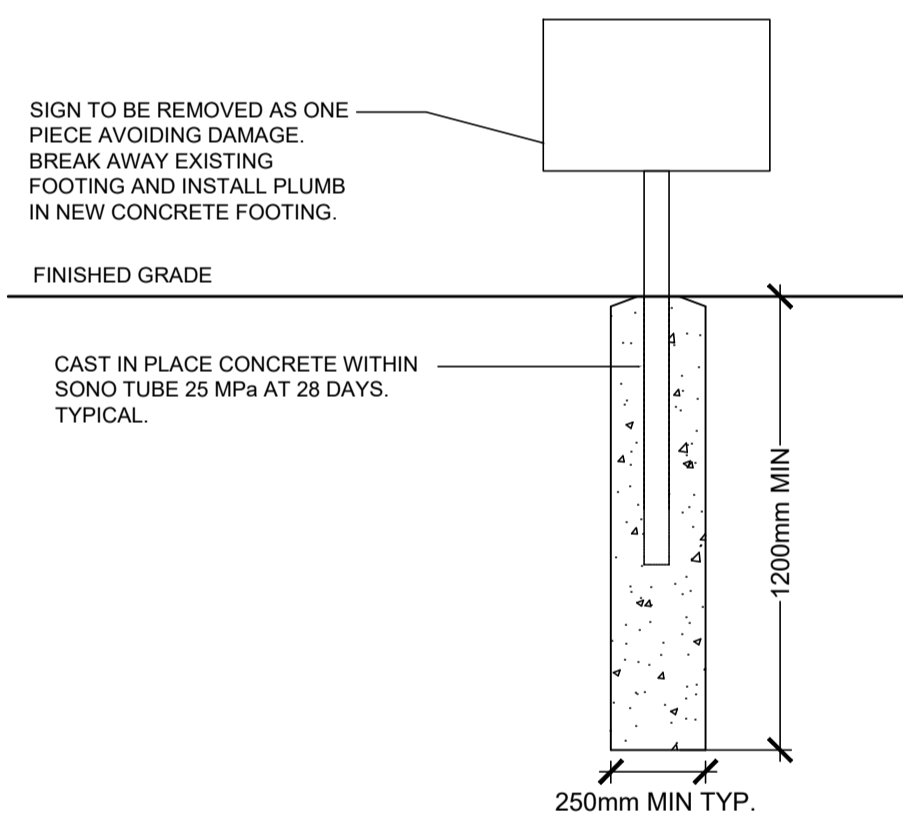
Scale: N.T.S.



2 DECIDUOUS TREE BEAVER GUARD

L-510

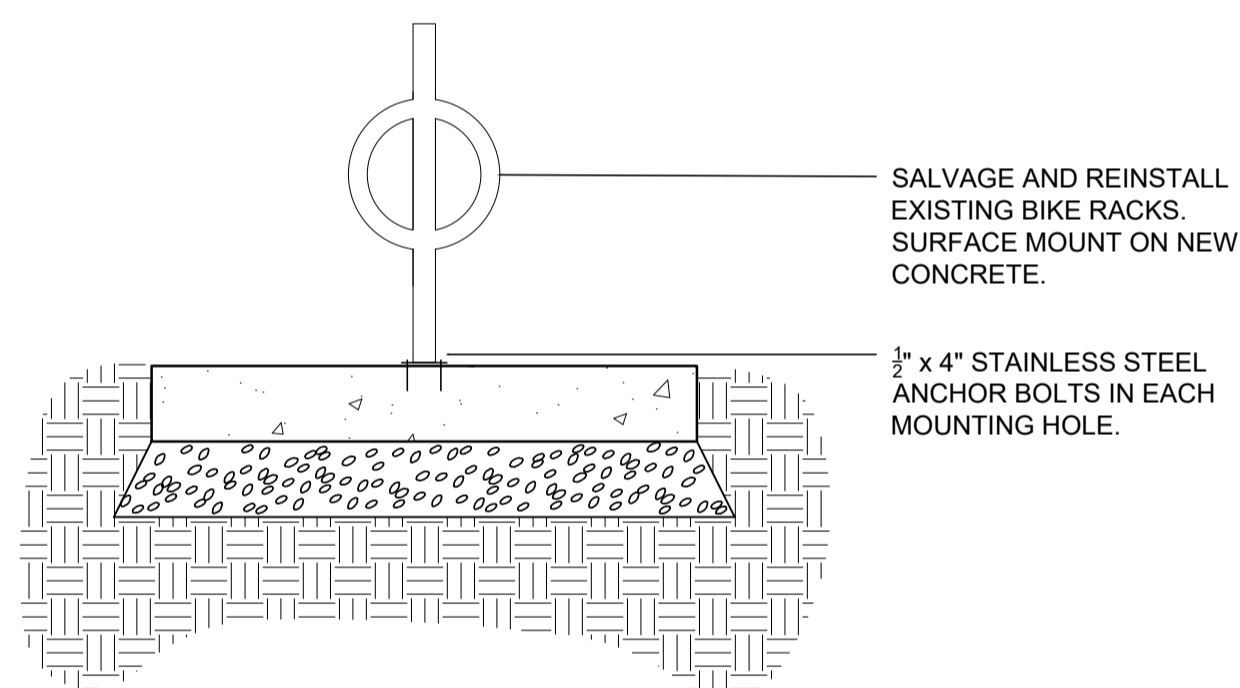
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4 CHR HERITAGE SIGN SALVAGE AND REINSTALL

L-510

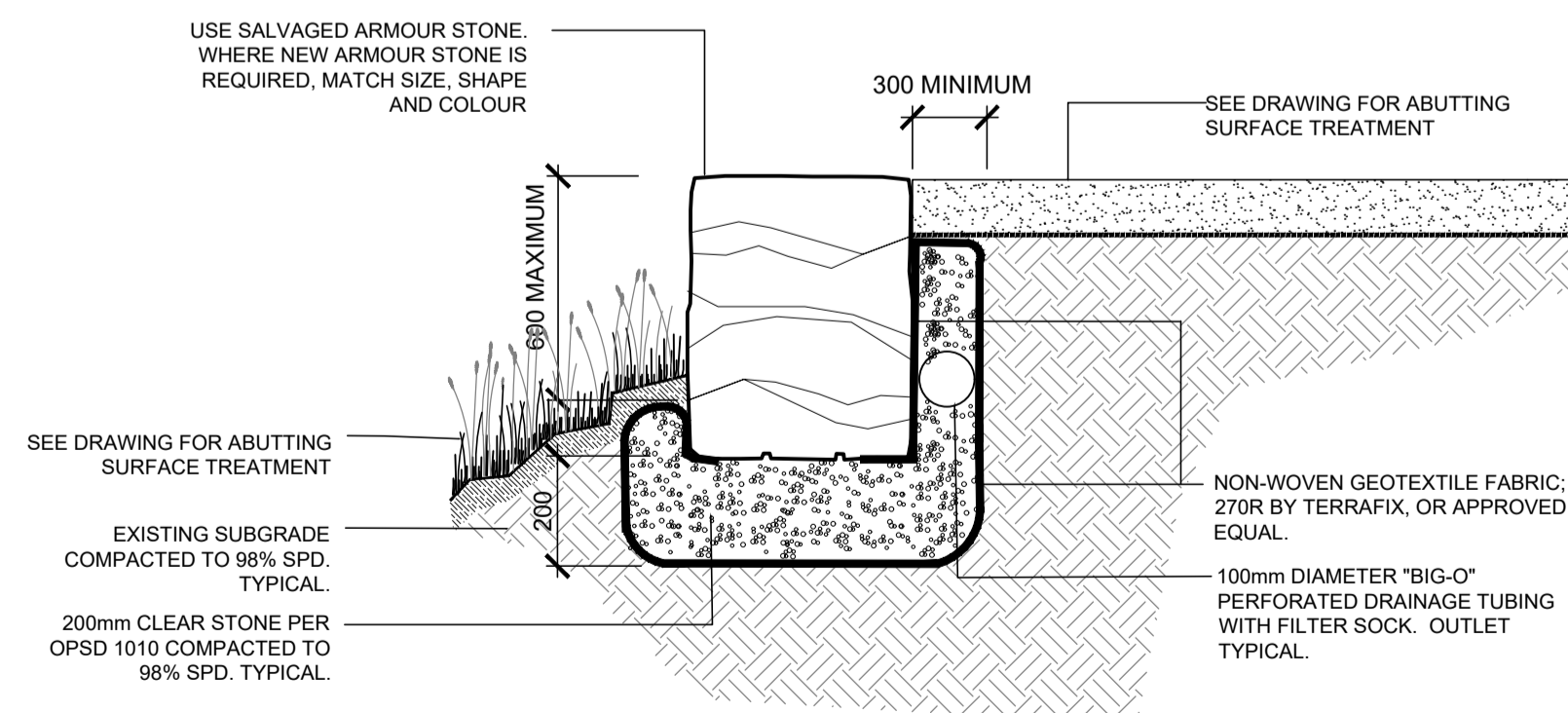
Scale: N.T.S.



5 SURFACE MOUNT BIKE RACK SALVAGE AND REINSTALL

L-510

Scale: N.T.S.



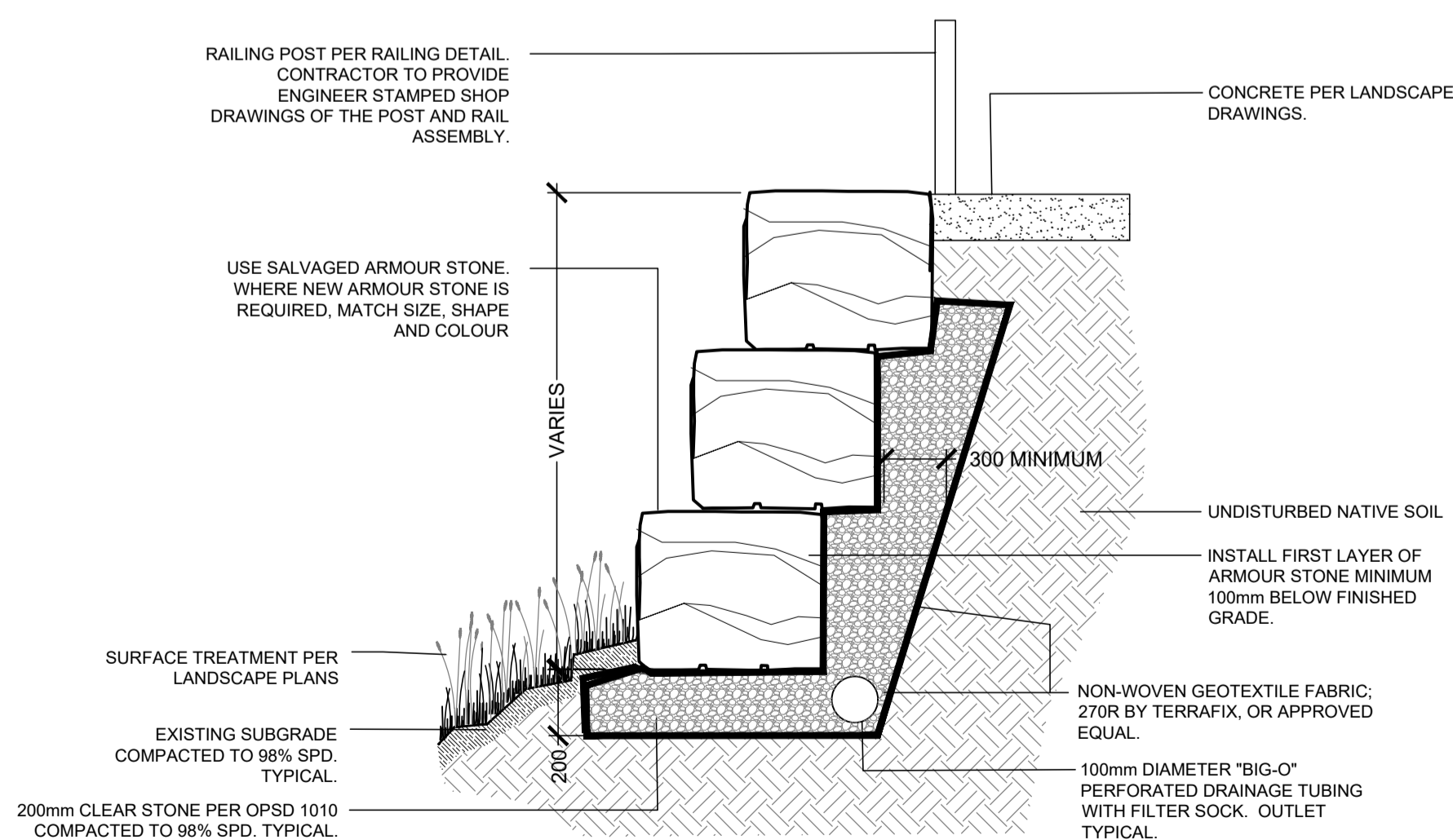
NOTES :

- AS INDICATED, STONES TO BE SALVAGED FROM SITE. WHERE ADDITIONAL STONES ARE REQUIRED, SIZE, COLOUR/QUARRY LOCATION TO BE APPROVED IN ADVANCE BY THE PROJECT LANDSCAPE ARCHITECT. INDIVIDUAL STONE LAYERS TO BE LEVEL.
- ALL VERTICAL JOINTS SHALL BE TIGHT-FITTED WITH NO GAPS EXCEEDING 75 MM.
- RETAINING WALLS HIGHER THAN 1800 MM TO BE CERTIFIED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN ONTARIO. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

7 SINGLE LAYER ARMOUR STONE WALL

L-510

Scale: N.T.S.



NOTES :

- AS INDICATED, STONES TO BE SALVAGED FROM SITE. WHERE ADDITIONAL STONES ARE REQUIRED, SIZE, COLOUR/QUARRY LOCATION TO BE APPROVED IN ADVANCE BY THE PROJECT LANDSCAPE ARCHITECT. INDIVIDUAL STONE LAYERS TO BE LEVEL.
- ALL VERTICAL JOINTS SHALL BE TIGHT-FITTED WITH NO GAPS EXCEEDING 75 MM.
- STONE COURSES ARE TO BE STEPPED BACK 250mm BETWEEN LAYERS.
- RETAINING WALLS HIGHER THAN 1800 MM TO BE CERTIFIED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN ONTARIO. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

8 MULTI-LAYER ARMOUR STONE WALL WITH FENCE/RAIL

L-510

Scale: N.T.S.

KEY MAP

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60 SNYDER'S ROAD WEST
BADEN, ON N3A 1A1

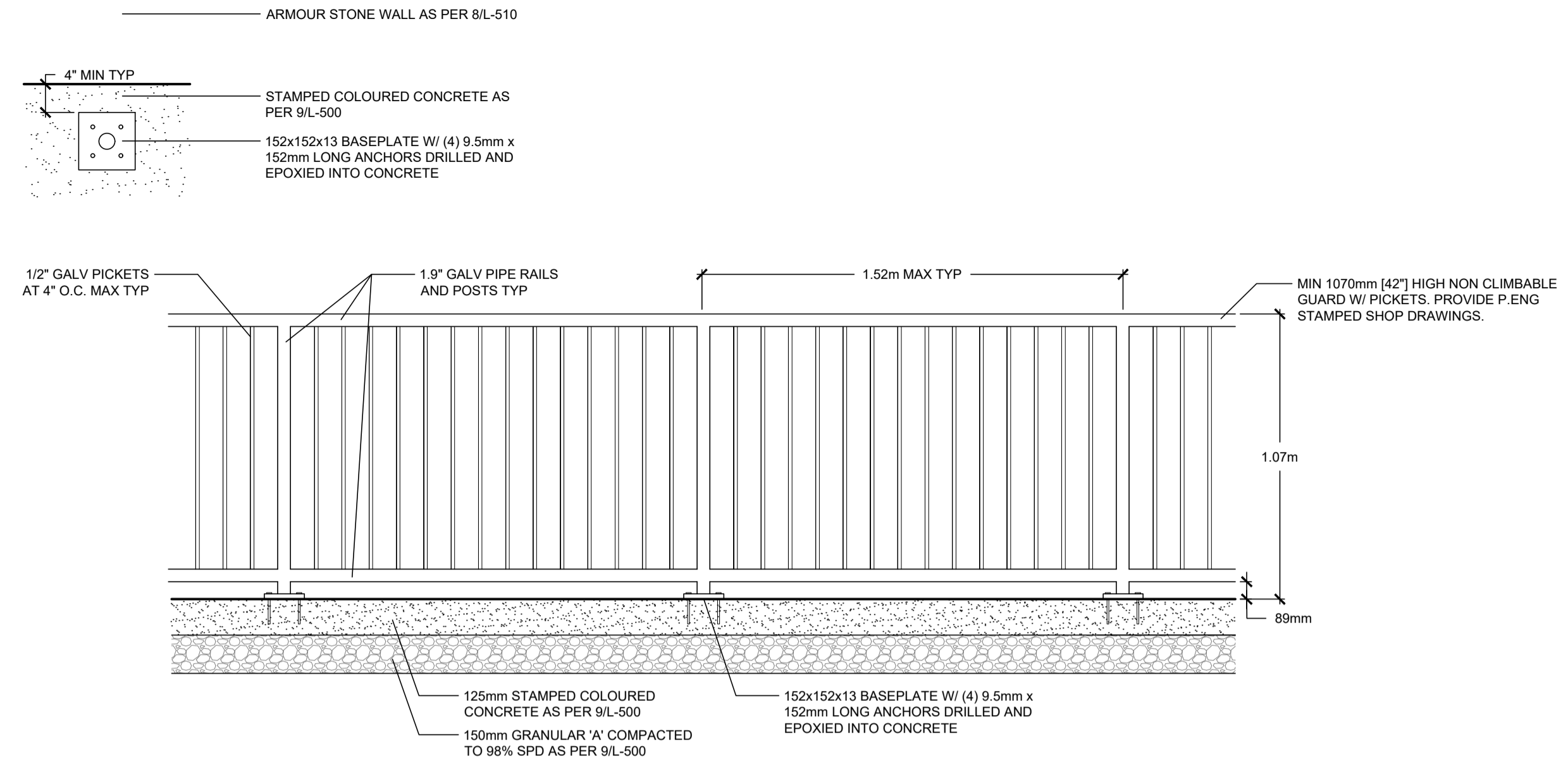
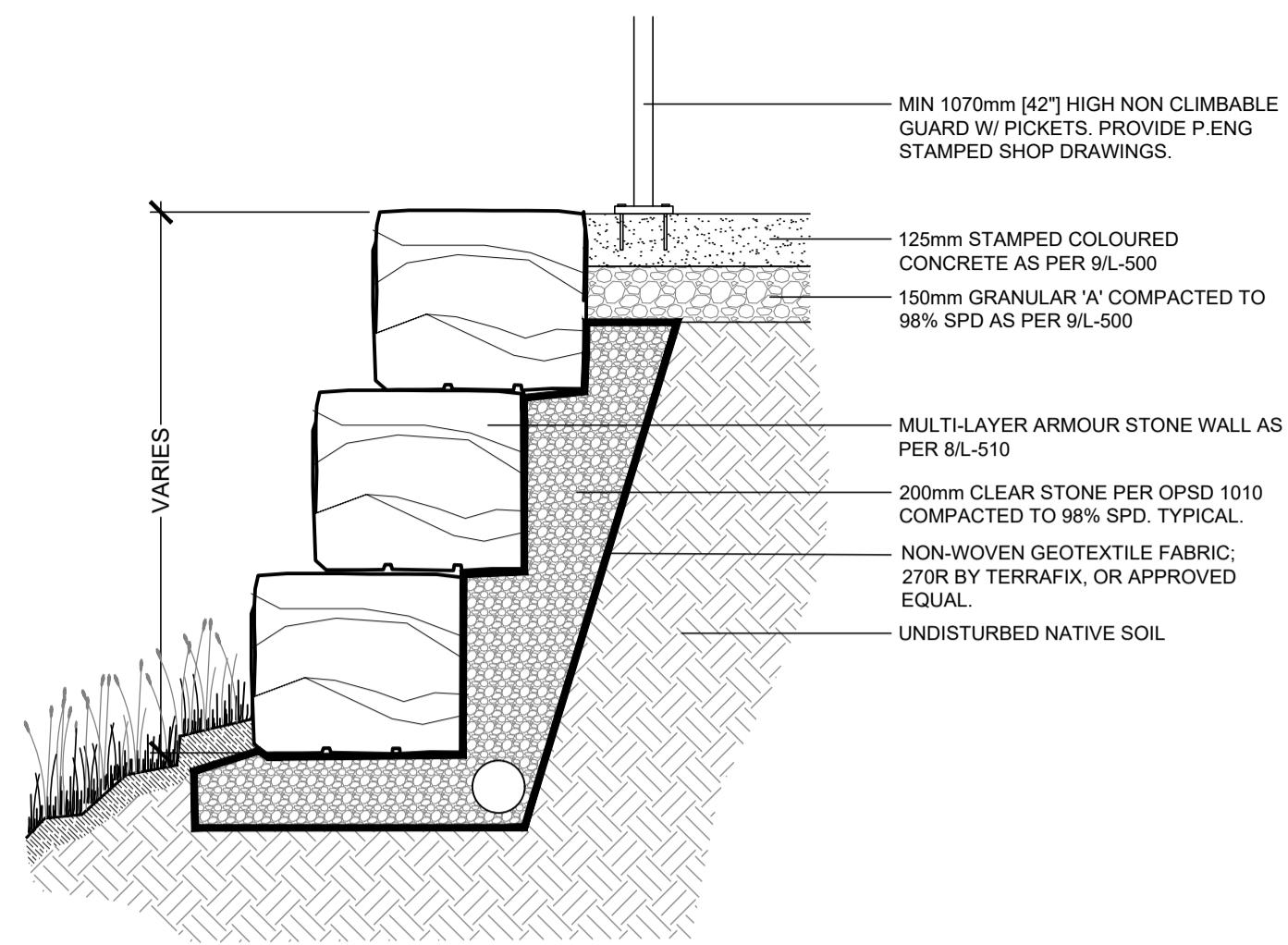
PROJECT TITLE:
NEW HAMBURG
NITH RIVER PROMINADE
SP #

SITE ADDRESS:
BETWEEN GRCA DAM
AND HARTMAN BRIDGE

DRAWING TITLE:
DETAILS

STAMP: **CONTRACT NOT FOR CONSTRUCTION**

DESIGNED: BVV DRAWN: NM CHECKED: AG
SCALE(S) SHOWN: DATE: JANUARY 2022
PROJECT NUMBER: 211-05070-00 DWG. NUMBER: L-510



1 GUARD RAIL & ANCHORING
L-520

Scale: N.T.S.

KEY MAP

| | | | | |
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|----|------------|-----------------|----|------|
| 2 | 2022/03/03 | 90% SUBMISSION | NM | BVV |
| 1 | 2022/01/28 | 60% SUBMISSION | NM | BVV |
| NO | DATE | REVISION/ISSUED | BY | APPD |

wsp Landscape Architecture
582 Lancaster Street West
Kitchener, ON N2K 1M3
1.519-743-8777
www.wsp.com

CLIENT:
TOWNSHIP OF WILMOT
60 SNYDER'S ROAD WEST
BADEN, ON N3A 1A1

PROJECT TITLE:
NEW HAMBURG
NITH RIVER PROMINADE
SP #

SITE ADDRESS:
BETWEEN GRCA DAM
AND HARTMAN BRIDGE

DRAWING TITLE:
DETAILS

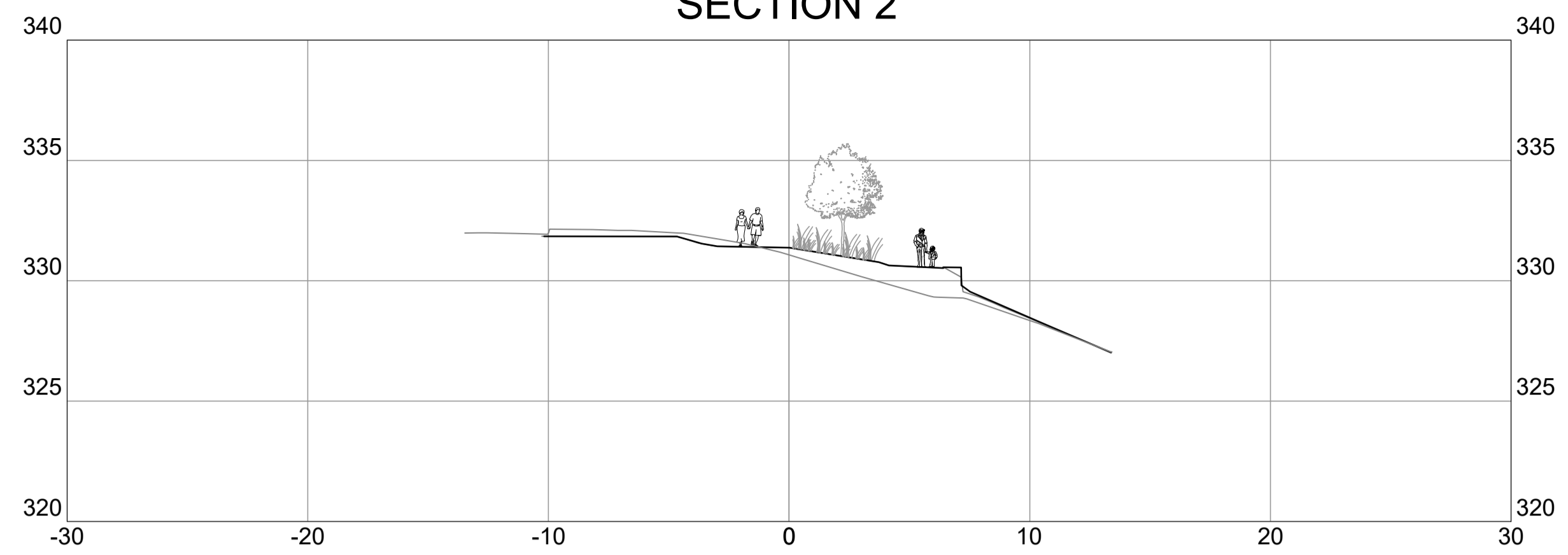
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| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE(S) SHOWN | DATE | | JANUARY 2022 | | |
| PROJECT NUMBER | DWG. NUMBER | | L-520 | | |
| 211-05070-00 | | L-520 | | | |

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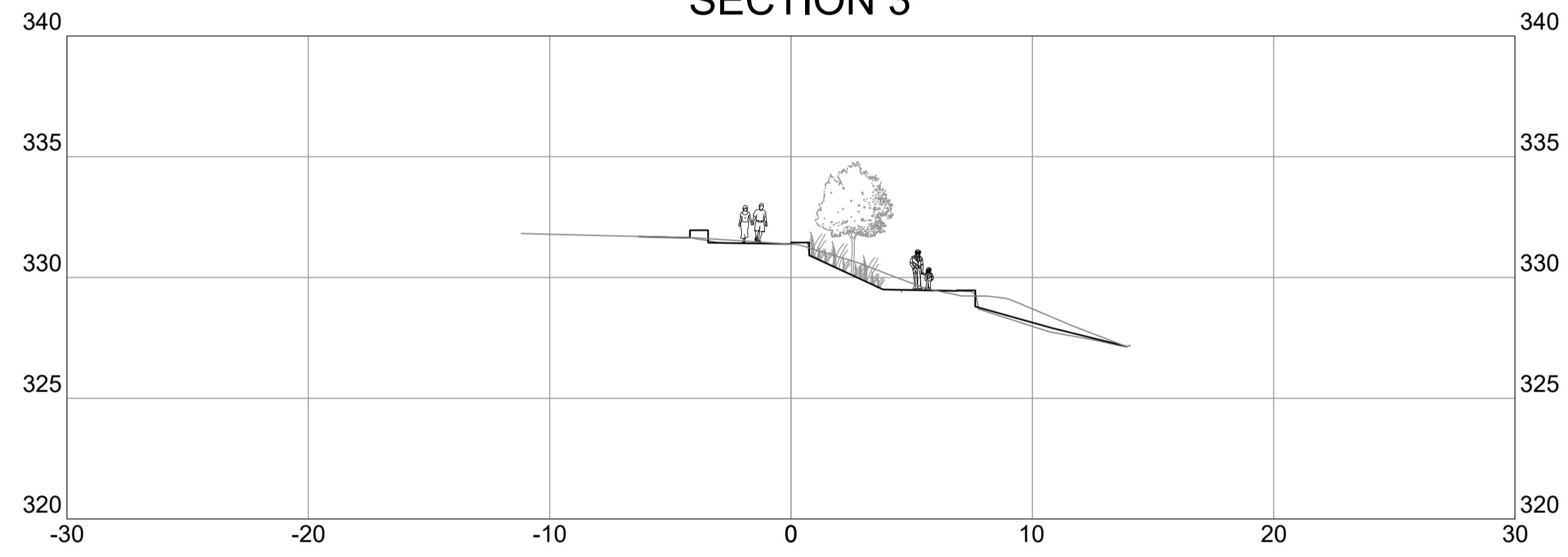
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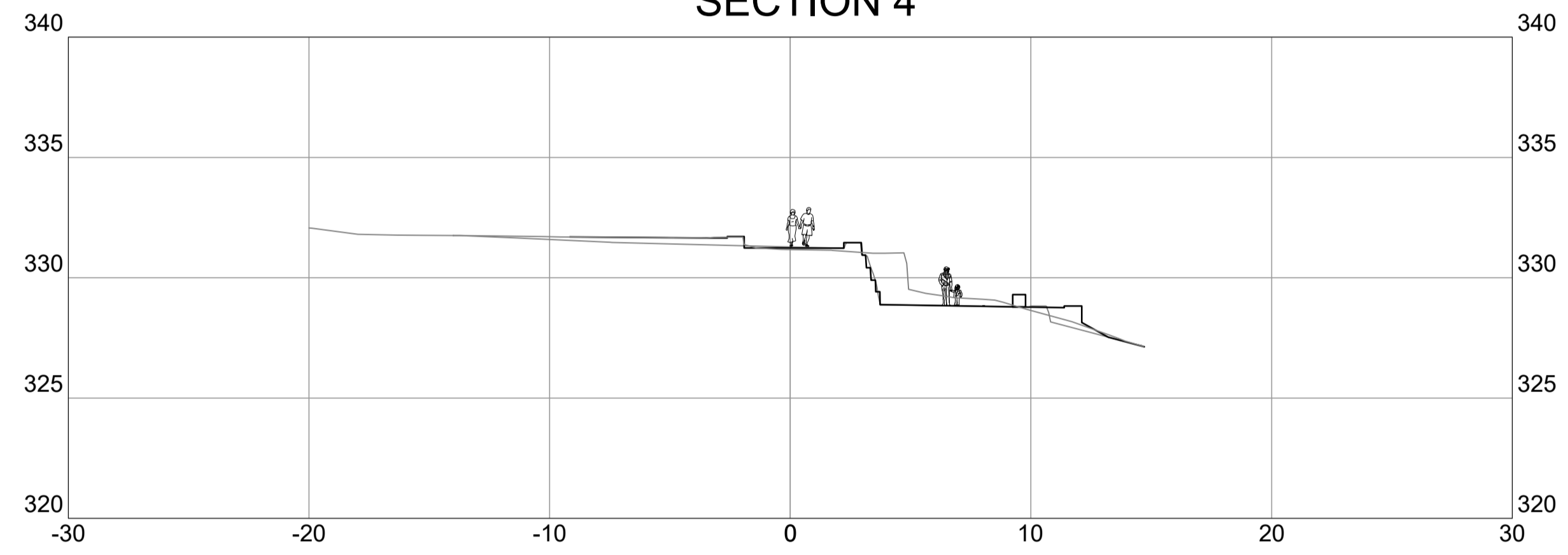
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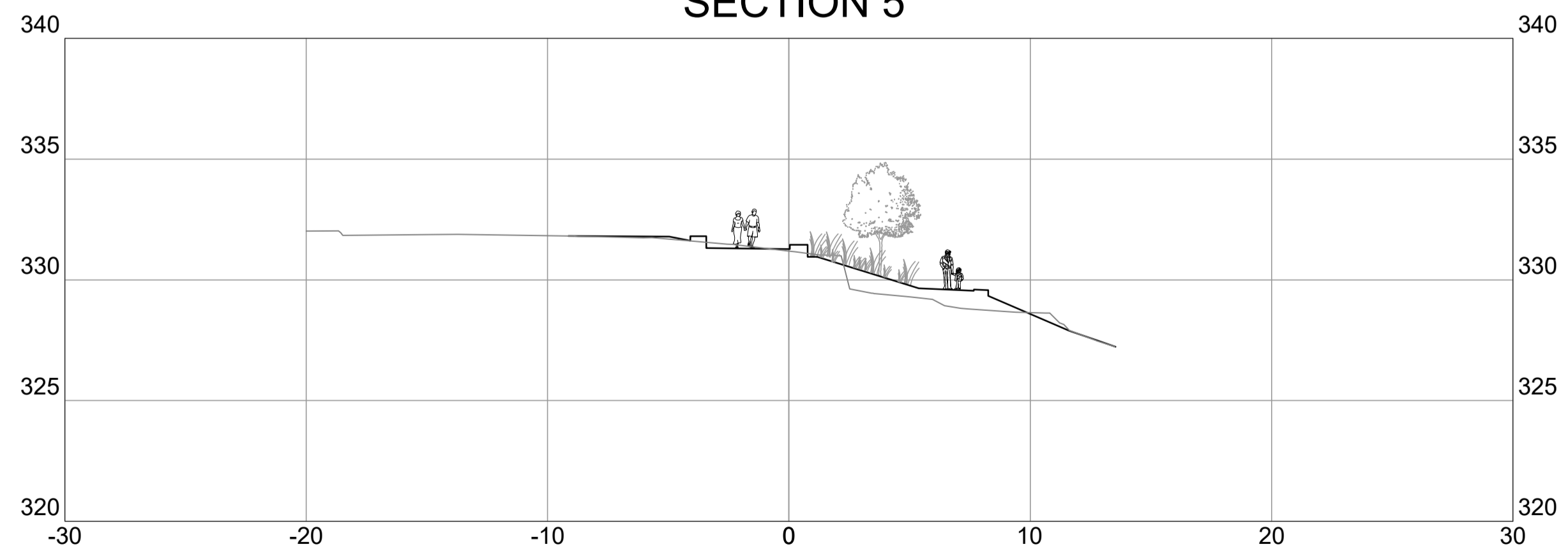
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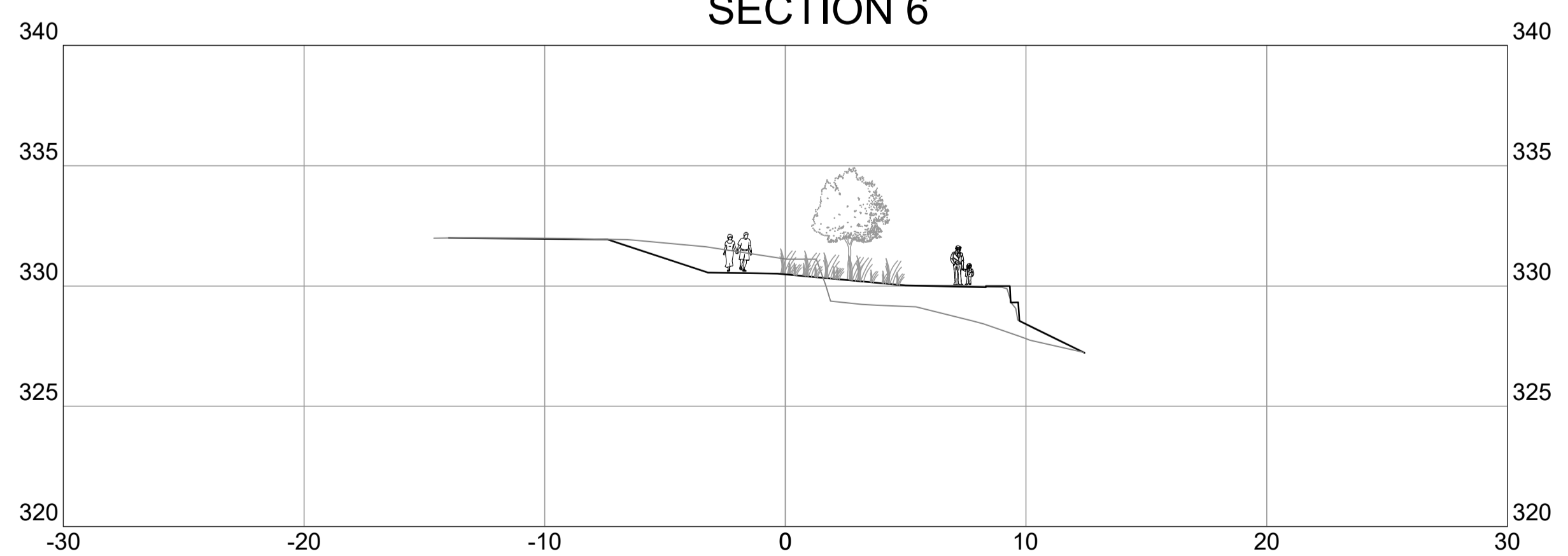
SECTION 4



SECTION 5



SECTION 6



KEY MAP

LEGEND

DRAWING INFORMATION

ORIGINAL DESIGN AND/OR DRAWING BASE COMPLETED BY:
WSP CANADA INC.
YEAR: 2021
ADDRESS: 582 LANCASTER ST W, KITCHENER, ON

| NO | DATE | REVISION/ISSUED | BY | APPD |
|----|------------|-----------------|----|------|
| 2 | 2022/03/03 | 90% SUBMISSION | NM | BVV |
| 1 | 2022/01/28 | 60% SUBMISSION | NM | BVV |

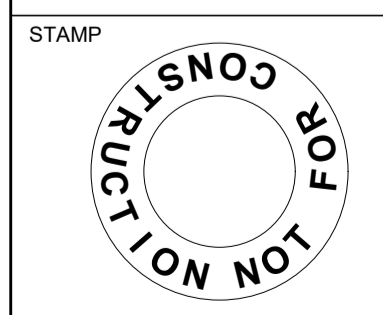
wsp Landscape Architecture
582 Lancaster Street West
Kitchener, ON N2K 1M3
t. 519-743-8777
www.wsp.com

CLIENT:
TOWNSHIP OF WILMOT
60 SNYDER'S ROAD WEST
BADEN, ON N3A 1A1

PROJECT TITLE:
NEW HAMBURG
NITH RIVER PROMINADE
SP #

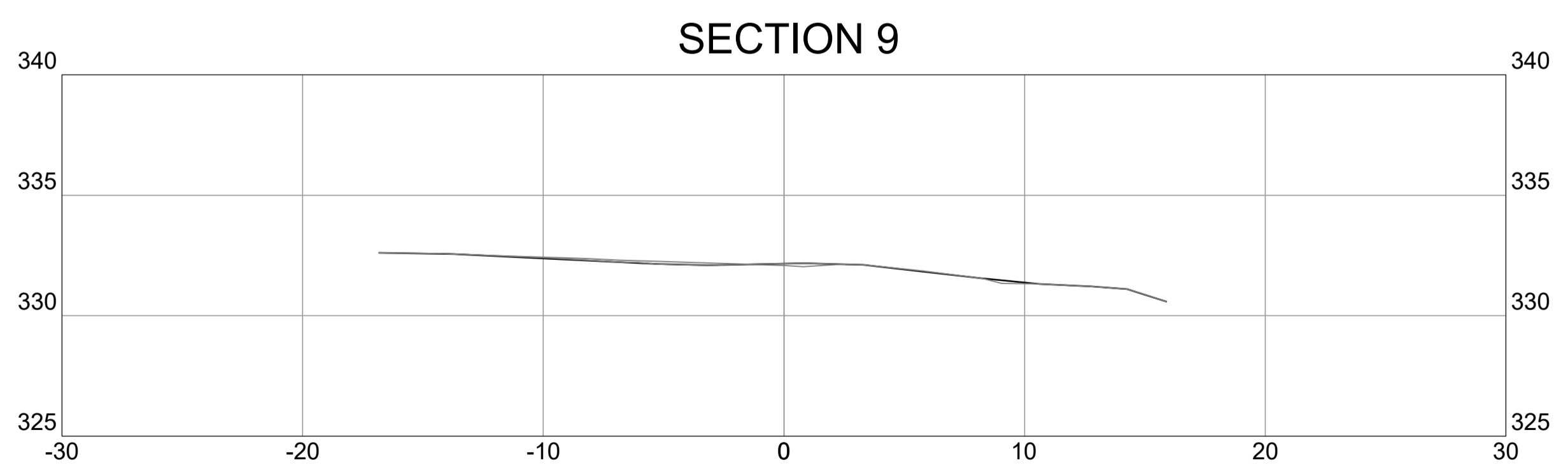
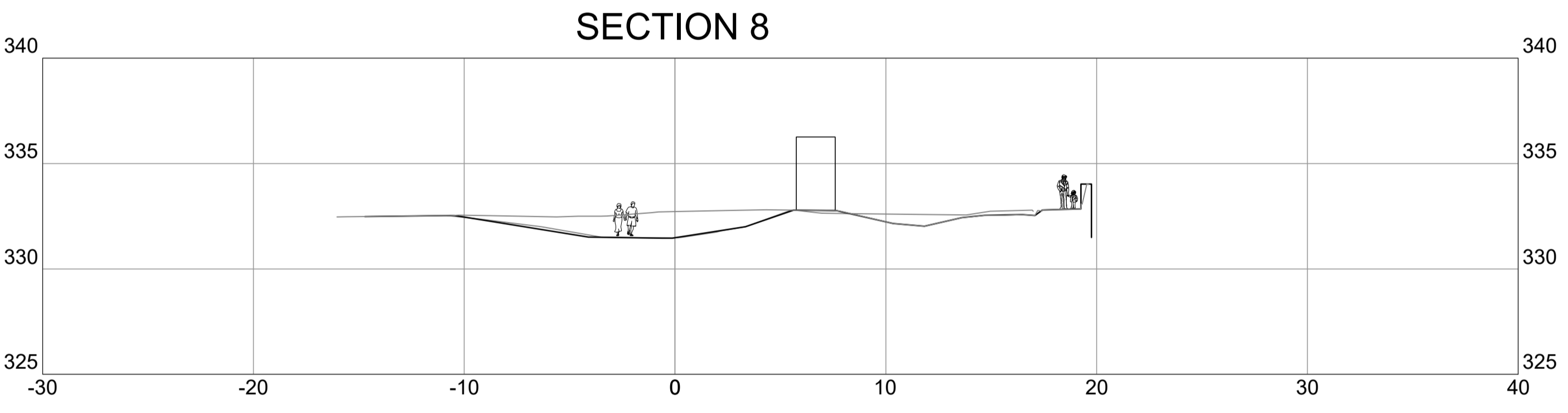
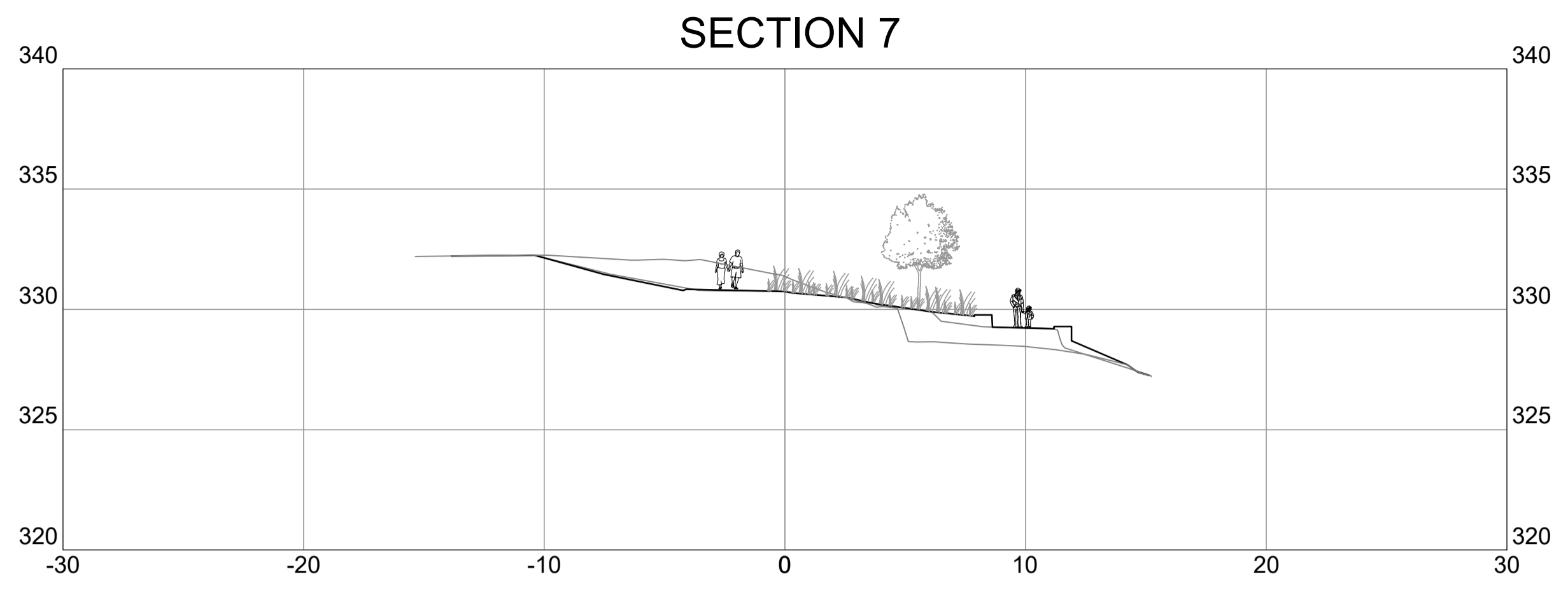
SITE ADDRESS:
BETWEEN GRCA DAM
AND HARTMAN BRIDGE

DRAWING TITLE:
SECTIONS



| | | | | | |
|----------------|--------------|-------------|--------------|---------|----|
| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE | 1:200 | DATE | JANUARY 2022 | | |
| PROJECT NUMBER | 211-05070-00 | DWG. NUMBER | L-600 | | |

Y:\MMD\211-05070-00\Township of Wilmot - New Hamburg Nith River Promenade\CAD\PRODUCTION_L\New Hamburg Promenade_R2.dwg



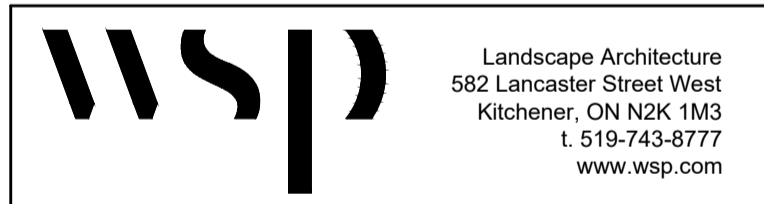
KEY MAP

LEGEND

DRAWING INFORMATION

ORIGINAL DESIGN AND/OR DRAWING BASE COMPLETED BY:
 WSP CANADA INC.
 YEAR: 2021
 ADDRESS: 582 LANCASTER ST W, KITCHENER, ON

| NO | DATE | REVISION/ISSUED | BY | APPD |
|----|------------|-----------------|----|------|
| 2 | 2022/03/03 | 90% SUBMISSION | NM | BVV |
| 1 | 2022/01/28 | 60% SUBMISSION | NM | BVV |



CLIENT:
TOWNSHIP OF WILMOT
 60 SNYDER'S ROAD WEST
 BADEN, ON N3A 1A1

PROJECT TITLE:
NEW HAMBURG
 NITH RIVER PROMINADE
 SP #

SITE ADDRESS:
 BETWEEN GRCA DAM
 AND HARTMAN BRIDGE

DRAWING TITLE:
SECTIONS

STAMP

STAMP

| | | | | | |
|----------------|--------------|-------------|--------------|---------|----|
| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE | 1:200 | DATE | JANUARY 2022 | | |
| PROJECT NUMBER | 211-05070-00 | DWG. NUMBER | L-610 | | |

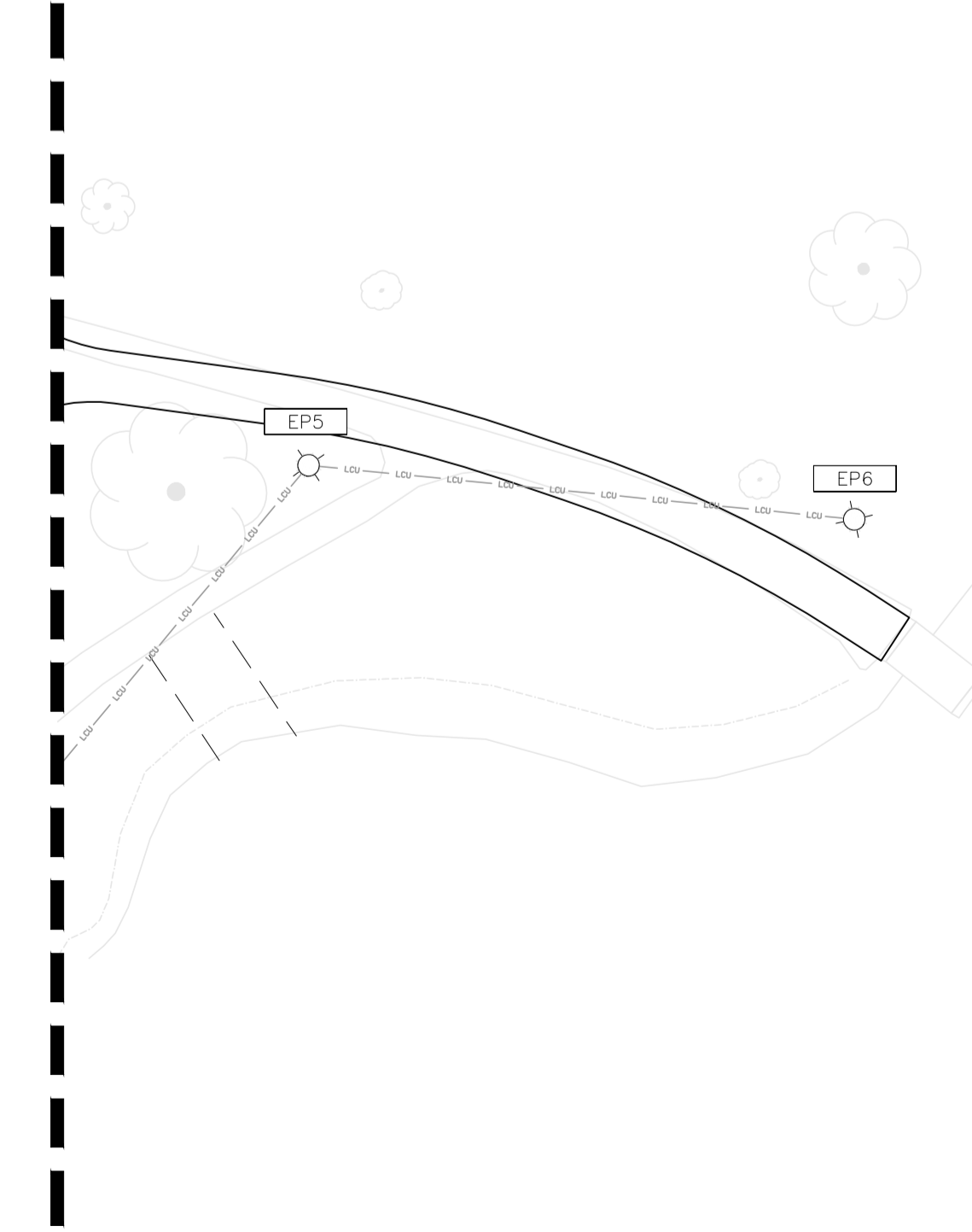
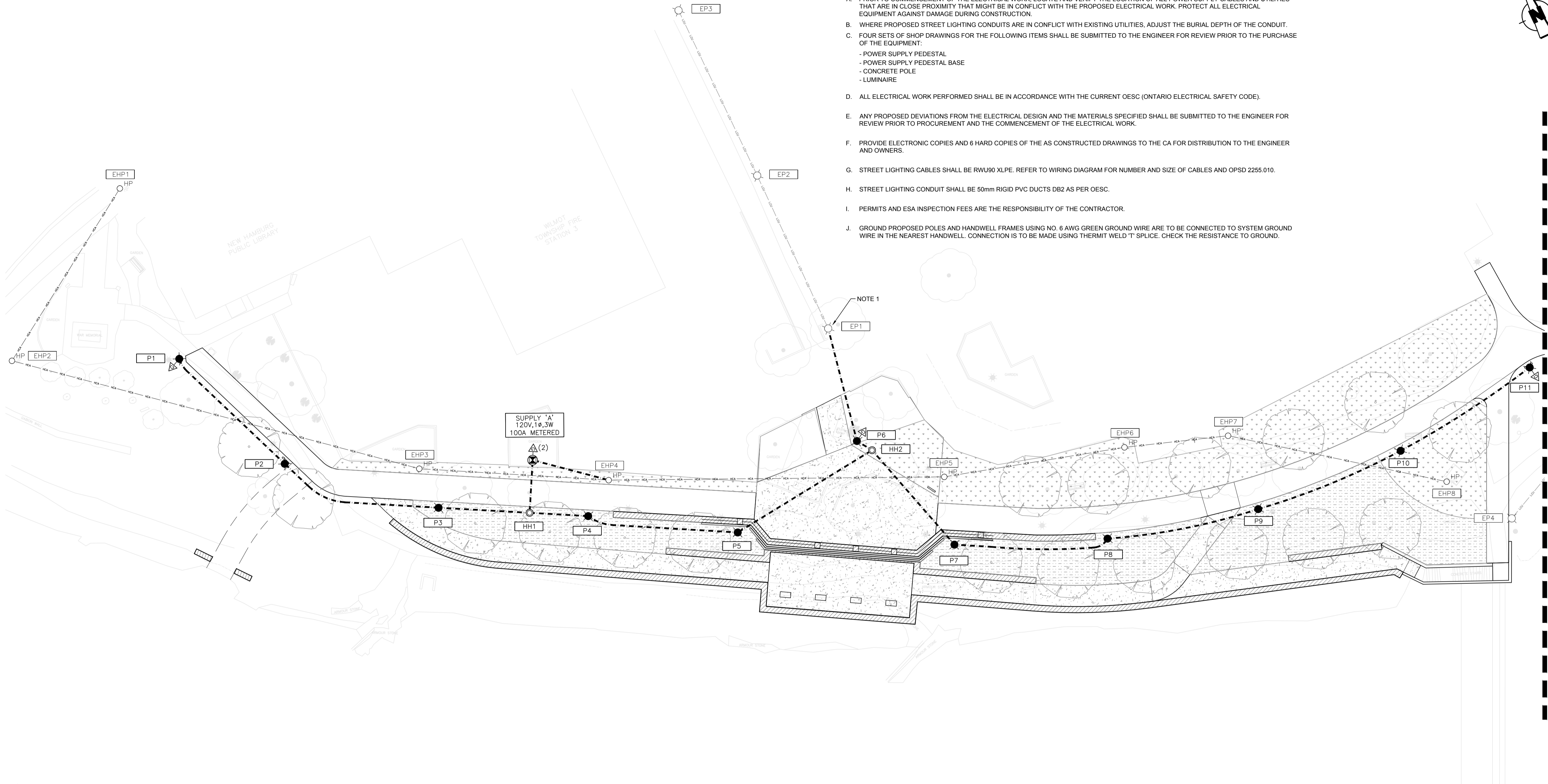
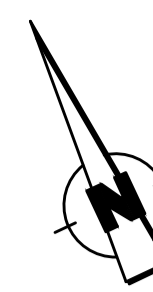
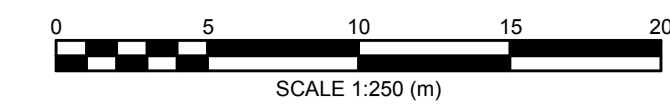
Y:\MMD\211-05070-00\Township of Wilmot - New Hamburg Nith River Promenade\09 Drawings\CAD\PRODUCTION_L\New Hamburg Promenade_R2.dwg

LAYOUT NOTES:

- BREAK INTO EXISTING POLE FOOTING AND CONNECT NEW DUCT. SPLICE CABLES IN POLE HANDHOLE.

GENERAL NOTES:

- PRIOR TO COMMENCEMENT OF THE ELECTRICAL WORK, LOCATE AND VERIFY THE LOCATION OF ALL POWER SUPPLY CABLES AND UTILITIES THAT ARE IN CLOSE PROXIMITY THAT MIGHT BE IN CONFLICT WITH THE PROPOSED ELECTRICAL WORK. PROTECT ALL ELECTRICAL EQUIPMENT AGAINST DAMAGE DURING CONSTRUCTION.
- WHERE PROPOSED STREET LIGHTING CONDUITS ARE IN CONFLICT WITH EXISTING UTILITIES, ADJUST THE BURIAL DEPTH OF THE CONDUIT.
- FOUR SETS OF SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO THE PURCHASE OF THE EQUIPMENT:
 - POWER SUPPLY PEDESTAL
 - POWER SUPPLY PEDESTAL BASE
 - CONCRETE POLE
 - LUMINAIRE
- ALL ELECTRICAL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE CURRENT OESC (ONTARIO ELECTRICAL SAFETY CODE).
- ANY PROPOSED DEVIATIONS FROM THE ELECTRICAL DESIGN AND THE MATERIALS SPECIFIED SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO PROCUREMENT AND THE COMMENCEMENT OF THE ELECTRICAL WORK.
- PROVIDE ELECTRONIC COPIES AND 6 HARD COPIES OF THE AS CONSTRUCTED DRAWINGS TO THE CA FOR DISTRIBUTION TO THE ENGINEER AND OWNERS.
- STREET LIGHTING CABLES SHALL BE RWU90 XLPE. REFER TO WIRING DIAGRAM FOR NUMBER AND SIZE OF CABLES AND OPSD 2255.010.
- STREET LIGHTING CONDUIT SHALL BE 50mm RIGID PVC DUCTS DB2 AS PER OESC.
- PERMITS AND ESA INSPECTION FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- GROUND PROPOSED POLES AND HANDWELL FRAMES USING NO. 6 AWG GREEN GROUND WIRE ARE TO BE CONNECTED TO SYSTEM GROUND WIRE IN THE NEAREST HANDWELL. CONNECTION IS TO BE MADE USING THERMIT WELD 'T' SPLICE. CHECK THE RESISTANCE TO GROUND.



KEY MAP

LEGEND

- 40W LED LUMINAIRE, 3000K, TYPE 5, COLOUR BLACK, BY KING LUMINAIRE ON 191 OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
- EXISTING LIGHTING POLE AND LUMINAIRE
- EXISTING HYDRO POLE
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED PAD-MOUNTED POWER SUPPLY CABINET
- EXISTING POWER SUPPLY CABINET
- PROPOSED GROUND ROD
- PROPOSED 50mm DIRECT BURIED DUCT
- EXISTING UNDERGROUND LIGHTING CABLES
- EXISTING AERIAL HYDRO CABLES
- EXISTING UNDERGROUND POWER CABLES
- POLE IDENTIFICATION NUMBER
- REMOVAL IDENTIFICATION NUMBER
- ELECTRICAL REMOVAL

| | | | | |
|----|------------|-----------------|----|------|
| 1 | 2022/03/02 | ISSUED FOR 100% | RL | TT |
| NO | DATE | REVISION/ISSUED | BY | APPD |



CLIENT:
TOWNSHIP OF WILMOT
 60 SNYDER'S ROAD WEST
 BADEN, ON N3A 1A1

PROJECT TITLE:
NEW HAMBURG
 NITH RIVER PROMENADE
 SP #

SITE ADDRESS:
 BETWEEN GRCA DAM
 AND HARTMAN BRIDGE

DRAWING TITLE:
ELECTRICAL LAYOUT

STAMP

STAMP

DESIGNED **RL** DRAWN **JS** CHECKED **TT**

SCALE 1:250 DATE **MARCH 2022**

PROJECT NUMBER **211-05070-00** DWG. NUMBER **E-100**

| POLES & ELECTRICAL STRUCTURES | | | | |
|---|---------------------|--------------|-------------|----------------|
| NOTE: ALL DIMENSIONS ARE TO THE CENTRE OF POLE BASES, POLES, HANDWELLS ETC. | | | | |
| LOCATION | POLE OR STRUCT. No. | COORDINATES | | COMMENTS |
| | | NORTHING | EASTING | |
| NEW HAMBURG TRAIL | P1 | 4802833.0940 | 523291.4330 | GROUND ROD |
| NEW HAMBURG TRAIL | P2 | 4802817.2430 | 523297.1140 | - |
| NEW HAMBURG TRAIL | P3 | 4802805.2890 | 523310.7080 | - |
| NEW HAMBURG TRAIL | P4 | 4802797.1690 | 523325.5980 | - |
| NEW HAMBURG TRAIL | P5 | 4802788.2360 | 523340.0860 | - |
| NEW HAMBURG TRAIL | P6 | 4802791.7990 | 523356.7010 | GROUND ROD |
| NEW HAMBURG TRAIL | P7 | 4802776.4750 | 523361.6410 | - |
| NEW HAMBURG TRAIL | P8 | 4802769.6530 | 523377.5850 | - |
| NEW HAMBURG TRAIL | P9 | 4802765.3570 | 523394.4170 | - |
| NEW HAMBURG TRAIL | P10 | 4802764.4020 | 523411.8070 | - |
| NEW HAMBURG TRAIL | P11 | 4802766.6570 | 523429.0390 | GROUND ROD |
| NEW HAMBURG TRAIL | HH1 | 4802800.3461 | 523319.7674 | - |
| NEW HAMBURG TRAIL | HH2 | 4802790.1238 | 523357.8048 | - |
| NEW HAMBURG TRAIL | SUPPLY 'A' | 4802805.5887 | 523322.6292 | GROUND ROD (2) |

| POLE ASSEMBLIES | | | | |
|-----------------|---------------------------|-------------------|--|----------|
| POLE NO. | POLE DESCRIPTION | LUMINAIRE BRACKET | LUMINAIRE | COMMENTS |
| P1 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P2 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P3 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P4 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P5 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P6 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P7 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P8 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P9 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P10 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |
| P11 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-3K-BK | - |

2022/03/02 12:11:05 211-05070-00 New Hamburg Promenade - MJP/CAD/100 - E211-05070 - N01.dwg