

Council Meeting Agenda

Regular Council Meeting

Monday, June 27, 2022

7:00 p.m.

Virtual Location

This meeting is open to the public and is available through an online platform. Please subscribe to the Township of Wilmot You Tube Channel to watch the live stream or view after the meeting. Delegations must register with the Information and Legislative Services Department. The only matters being discussed at this meeting will be those on the Agenda.

Pages

1. MOTION TO CONVENE INTO CLOSED MEETING

RECOMMENDATION

THAT a Closed Meeting of Council be held on June 27, 2022 at 6:00 p.m. in accordance with Section 239 (2) (c) of the Municipal Act, 2001, to consider the following:

1. Operational Needs Analysis - Section 239 (2) (c) - Land Acquisition/Disposition.

2. MOTION TO RECONVENE IN OPEN MEETING

RECOMMENDATION

THAT Council reconvenes in Open Session at 7:00 p.m.

3. MOMENT OF REFLECTION

4. TERRITORIAL ACKNOWLEDGEMENT

Councillor J. Pfenning.

5. ADDITIONS TO THE AGENDA - NONE

6. ADOPTION OF THE AGENDA

RECOMMENDATION

That the Agenda as presented for June 27, 2022 be adopted.

7. DISCLOSURE OF PECUNIARY INTEREST UNDER THE MUNICIPAL CONFLICT OF INTEREST ACT

8. MINUTES OF PREVIOUS MEETINGS

8

RECOMMENDATION

THAT the minutes of the following meeting be adopted as presented:

- June 13, 2022 Regular Council Meeting.

9. PUBLIC MEETINGS - NONE

10. PRESENTATIONS - NONE

11. CONSENT AGENDA

RECOMMENDATION

That the recommendations for Consent Items 11.1 to 11.3 be approved.

11.1. PFRS-2022-31 - Parks Rental Fees – Full Moon Ceremony

22

RECOMMENDATION

THAT Council authorize the free use-of-space for an Indigenous full moon ceremony event planned for July 16, 2022, in New Hamburg; and further,

THAT the park rental fees and insurance be funded from the Council Special Events operating budget line.

11.2. ILS-2022-18 - Noise By-law Exemption – Shawna Sanchez

25

RECOMMENDATION

THAT a Noise By-law Exemption be granted for Shawna Sanchez, New Hamburg on August 20, 2022 between the hours of 7-11pm.

11.3. ILS-2022-19 - Noise By-law Exemption – Bel Air Excavating & Grading Ltd.

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RECOMMENDATION

THAT a Noise By-law Exemption be granted to Bel Air Excavating & Grading Ltd to allow for surface asphalt paving on Snyder's Road E between Whiting Way and Gingerich Road, Baden, August 13-14, 2022 from 7am to 9pm (August 20-21, 2022 from 7am to 9pm, rain date) to allow for the completion of normal paving operations while minimizing business and resident disruption and access to Snyder's Road. AT Report

12. REPORTS

12.1. PFRS-2022-26 - Nith River Promenade Final Design

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RECOMMENDATION

THAT staff be directed to proceed with tendering the construction of the Nith River Promenade based on the updated final design included within Report PFRS 2022-026.

**12.2. PWE-2022-31 - Award of Contract for RFP 2022-28 - Combination
Sewer Flusher/Hydro Excavation Truck**

56

RECOMMENDATION

THAT RFP 2022-28 be awarded to FST Canada Inc. o/a Joe Johnson Equipment to supply and deliver one (1) new Combination Sewer Flusher / Hydro Excavation Truck as per their proposal dated May 30, 2022, in the base amount of \$637,203.00 plus HST; and further

THAT \$650,000 be incorporated within the 2023 Capital program, with proportional funding allocations from Development Charges and Infrastructure Reserve Funds.

12.3. PWE-2022-27 - Bridge Street Bridge 34B/T-9 Replacement

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RECOMMENDATION

THAT Council award RFT 2022-06, Bridge Street Bridge 34B/T-9 Replacement to Sierra Bridge Inc. of Woodstock, Ontario as per their tender submission on June 7, 2022, in the amount of \$4,782,267.90, plus HST, and,

THAT Council provide authorization to K. Smart & Associates to proceed with the Contract Administration & Project Management for the bridge replacement project with an additional fee of \$100,400 for construction activities, plus HST, and,

THAT Council authorize the expenditure of up to \$93,000, plus HST, for Geotechnical Investigations and Environmental Works as required during the bridge replacement project, and,

THAT Council authorize the Mayor and Clerk to enter into an agreement with the owner of 1210918 ONTARIO INC. for access to lands for construction management and temporary structure storage; and

THAT Council direct staff to proceed with demolition of the structure after December 31, 2022 in the event suitable funding and donations cannot be found.

13. CORRESPONDENCE

**13.1. Municipal Engineers Association - Letter regarding Retention of
Professional Engineers at Ontario Municipalities**

72

14. BY-LAWS - NONE

15. NOTICES OF MOTION

15.1. Minister's Zoning Orders

Councillor A. Hallman has provided the following Notice of Motion for Council's consideration:

RESOLUTION

WHEREAS Minister's Zoning Orders (MZOs) are being misused and overused by the Ontario Provincial Government in a way that damages the environment, threatens our safety, and saddles municipalities with ill-considered development that could have significant negative long-term consequences;

WHEREAS there are very rare emergencies that warrant speeding up the approval process and the Ontario Provincial Government has changed the laws to let the Minister issue MZOs that could otherwise be unlawful because they violate fundamental planning rules or even create hazardous situations;

WHEREAS municipalities cannot fairly deal with MZOs on a case-by-case basis because there is no transparent or coherent MZO process;

WHEREAS the Ontario Provincial Government has just as haphazardly created the new Enhanced MZO and Community Infrastructure and Housing Accelerator (CIHA) without even the legally required public consultation and Environmental Registry of Ontario process;

WHEREAS an MZO could be requested and issued arbitrarily by the Minister before a municipality and Council even hear about it, or in the case of the new Enhanced MZO or eMZO, the municipality completely bypassed altogether;

WHEREAS Wilmot Township Council must be proactive in protecting our community from these dangerous types of MZOs by developing a proper, transparent process that:

- 1) Tells MZO applicants that any request must meet strict and transparent criteria,
- 2) Asks the Province not to issue any MZO that fails to meet such criteria,
- 3) Asks the Ontario Legislature to prohibit MZO's that do not meet those criteria.

THEREFORE BE IT RESOLVED that the Township of Wilmot will not make a request or indicate its approval for any MZO, Enhanced MZO's, and Community Infrastructure and Housing Accelerator (CIHA) order applicable to land within the Township of Wilmot, excepting Orders:

- a. which are limited to addressing an extraordinary and emergent circumstance that is a matter of provincial interest, and,
- b. which are limited to measures which the Township of Wilmot

could not otherwise bring into force in a time to adequately address the relevant extraordinary and emergent circumstance, and,

- c. which are consistent with the Official Plan, Provincial Policy Statement, 2020 and the Growth Plan for the Greater Golden Horseshoe and s. 24, s. 2, s. 3 of the Planning Act, and,
- d. which do not authorize urbanization outside of settlement area boundaries, and,
- e. which do not authorize development that would destroy, damage or displace a Provincially Significant Woodland, Provincially Significant Valley Lands, Provincially Significant Wildlife Habitat, Coastal Wetlands, Areas of Natural and Scientific Interest, Greenbelt lands, farmland, or lands within the Protected Countryside or Environmentally Sensitive Landscapes of Waterloo Region, and,
- f. which are framed geographically or in their wording so as to not limit any power that a Conservation Authority would otherwise have, and,
- g. which are supported by the Minister's comprehensive, written, and publicly disclosed reasons for determining that the above criteria have been met;

THEREFORE BE IT FURTHER RESOLVED that the Township of Wilmot request the Government of Ontario, including the Minister of Municipal Affairs and Housing place an immediate and permanent moratorium on the issuance of Ministerial Zoning Orders (MZOs), Enhanced MZO's, and Community Infrastructure and Housing Accelerator (CIHA) orders applicable to land within the Township of Wilmot, excepting Orders:

- a. which are limited to addressing an extraordinary and emergent circumstance that is a matter of provincial interest, and,
- b. which are limited to measures which the Township of Wilmot could not otherwise bring into force in a time to adequately address the relevant extraordinary and emergent circumstance, and,
- c. which are consistent with the Official Plan, Provincial Policy Statement, 2020 and the Growth Plan for the Greater Golden Horseshoe and s. 24, s. 2, s. 3 of the Planning Act, and,
- d. which do not authorize urbanization outside of settlement area

boundaries, and,

- e. which do not authorize development that would destroy, damage or displace a Provincially Significant Woodland, Provincially Significant Valley Lands, Provincially Significant Wildlife Habitat, Coastal Wetlands, Areas of Natural and Scientific Interest, Greenbelt lands, farmland, or lands within the Protected Countryside or Environmentally Sensitive Landscapes of Waterloo Region, and,
- f. which are supported by the Minister's comprehensive, written, and publicly disclosed reasons for determining that the above criteria have been met, and,
- g. whose issuance is expressly requested through a lawfully adopted motion of the Township of Wilmot;

THEREFORE BE IT FINALLY RESOLVED that the Township of Wilmot request the Government of Ontario and the Ontario Legislative Assembly to amend the Planning Act, to prohibit the issuance of Ministerial Zoning Orders (MZOs), Enhanced MZO's, and Community Infrastructure and Housing Accelerator (CIHA) orders applicable to land within the boundaries of any municipality in Ontario, excepting Orders:

- a. which are limited to addressing an extraordinary and emergent circumstance that is a matter of provincial interest, and,
- b. which are limited to measures which the Township of Wilmot could not otherwise bring into force in a time to adequately address the relevant extraordinary and emergent circumstance, and,
- c. which are consistent with the Official Plan, Provincial Policy Statement, 2020 and the Growth Plan for the Greater Golden Horseshoe and s. 24, s. 2, s. 3 of the Planning Act, and,
- d. which do not authorize urbanization outside of settlement area boundaries, and,
- e. which do not authorize development that would destroy, damage or displace a Provincially Significant Woodland, Provincially Significant Valley Lands, Provincially Significant Wildlife Habitat, Coastal Wetlands, Areas of Natural and Scientific Interest, Greenbelt lands, farmland or lands within the Protected Countryside or Environmentally Sensitive Landscapes of Waterloo Region, and,
- f. which are supported by the Minister's comprehensive, written, and publicly disclosed reasons for determining that the above

criteria have been met, and,

- g. whose issuance is expressly requested through a lawfully adopted motion of the Township of Wilmot;
- h. whose issuance is expressly requested through a lawfully adopted motion of the municipal government(s) to whose territory the Order pertains.

16. ANNOUNCEMENTS

17. BUSINESS ARISING FROM CLOSED SESSION

18. CONFIRMATORY BY-LAW

RECOMMENDATION

THAT By-law No. 2022-30 be read a first, second and third time and finally passed in Open Council.

19. ADJOURNMENT

RECOMMENDATION

THAT we do now adjourn to meet again at the call of the Mayor.

Council Meeting Minutes**Regular Council Meeting**

June 13, 2022, 7:00 P.M.

Virtual Location

Members Present: Mayor L. Armstrong
Councillor A. Hallman
Councillor C. Gordijk
Councillor B. Fisher
Councillor J. Gerber
Councillor J. Pfenning

Staff Present: Director of Parks, Facilities, and Recreation Services, S. Jackson
Director of Public Works and Engineering, J. Molenhuis
Director of Corporate Services/Treasurer, P. Kelly
Director of Development Services, H. O'Krafka
Supervisor of IT, K. Jeffreys
Manager of Planning/EDO, A. Martin
Chief Administrative Officer, S. Chambers
ILS Program Manager, C. Tarling
Municipal Clerk, A. Flach

1. MOTION TO CONVENE INTO CLOSED MEETING

There was no Closed Meeting of Council this date.

2. MOTION TO CONVENE IN OPEN MEETING**Resolution No. 2022- 142**

Moved by: Councillor C. Gordijk

Seconded by: Councillor B. Fisher

THAT Council convenes in Open Session at 7:00 p.m.

Motion Carried

3. **MOMENT OF SILENCE**

Mayor L. Armstrong recognized that June is Seniors Month and this year's theme is Stay Active, Connected, and Safe.

Seniors Month is a time to acknowledge the many seniors that have served us, making significant contributions to communities across the country. Seniors are an important part of our community, and we appreciate their wisdom, wit, and experiences.

We also recognize the health and social issues our aging community members face. There are many lifestyle changes we can make to help us, and our loved ones lead healthier and happier lives.

Mayor Armstrong closed by encouraging everyone to celebrate this month by taking the time to thank a senior in our life.

4. **TERRITORIAL ACKNOWLEDGEMENT**

Councillor J. Gerber read the Territorial Acknowledgement.

5. **ADDITIONS TO THE AGENDA - NONE**

6. **ADOPTION OF THE AGENDA**

Councillor A. Hallman confirmed withdrawal of her Notice of Motion regarding Minister's Zoning Orders listed as Item 15.2.

Resolution No. 2022- 143

Moved by: Councillor A. Hallman

Seconded by: Councillor J. Pfenning

That the Agenda for June 13, 2022, as amended to withdraw Item 15.2, be adopted.

Motion Carried As Amended

7. **DISCLOSURE OF PECUNIARY INTEREST UNDER THE MUNICIPAL CONFLICT OF INTEREST ACT**

7.1 Councillor J. Pfenning - DS-2022-14 - Draft Plan of Subdivision Application 30T-22601 and Zone Change Application 05/22, Wilmot Woods Developments Inc.

There are multiple points of interest between Councillor Pfenning's farm business and the property in question; Councillor Pfenning currently rents

the subject property and holds title to the adjacent farmland. Accordingly, Councillor Pfenning did not take part in the discussion of this item.

8. MINUTES OF PREVIOUS MEETINGS

Resolution No. 2022- 144

Moved by: Councillor J. Pfenning

Seconded by: Councillor C. Gordijk

THAT the minutes of the following meetings be adopted as presented:

- May 30, 2022 Regular Council meeting; and,
- May 30, 2022 Closed Council meeting.

Motion Carried

9. PUBLIC MEETINGS

9.1 DS-2022-14 - Draft Plan of Subdivision Application 30T-22601 and Zone Change Application 05/22, Wilmot Woods Developments Inc.

Councillor J. Pfenning declared a conflict on this item. (There are multiple points of interest between Councillor Pfenning's farm business and the property in question; Councillor Pfenning currently rents the subject property and holds title to the adjacent farmland. Accordingly, Councillor Pfenning did not take part in the discussion of this item.)

A. Martin provided an overview of the report, the proposed plan and next steps with respect to proceeding with the draft plan of subdivision application 30T-22601 and zone change application 05/22 for Wilmot Woods Developments Inc.

With respect to street naming, A. Martin indicated staff is very interested in exploring the relationship between the Indigenous community and the street naming and will be engaging the community. He stated staff will present a report to Council concerning the naming and the process post-draft approval. He reminded Council the naming will need to be acceptable to the Region of Waterloo.

Mayor L. Armstrong called upon the registered delegation.

P. Britton, MHBC, appeared on behalf of the Applicant, Wilmot Woods Developments, and provided details relating to the subject lands. He

reported that they have met several times with staff during the pre-submission phase, conducted consultations with First Nations, performed an archaeological survey and developed the vision for the project in conjunction with staff. With respect to road alternatives, he stated various options were reviewed before deciding on the preferred road alternative. Other considerations included providing a variety of unit types and densities, particularly those that address the "missing middle", housing affordability, land use compatibility, and universal and age-friendly design measures. The proposed development includes a community trail, storm water management, and a park system. It also provides for long-term protection of core environmental features, respects the scale and character of the adjacent neighbourhood, and includes an appropriate range and mix of density of housing.

P. Britton and staff responded to questions regarding the intensification rate for the development; the meaning of various codes used in the development plan; whether a traffic study has been done or will be done; what will be the maximum height; the timeframe for bringing this report back to Council; and, whether the plan could be presented to the Community Safety and Crime Prevention Advisory Committee.

Mayor L. Armstrong requested the Clerk to indicate if there were any other persons present who wish to address Council on this matter. The Clerk indicated there was one additional delegation. Mayor L. Armstrong called upon the delegation to speak.

K. Thomason briefly mentioned this plan is encouraging as it addresses concerns relating to planning more complete communities.

The Mayor requested a second and last time if there was anyone else who wishes to address Council on this matter. The Clerk indicated there were no other delegations.

The Mayor declared the Public Meeting closed after the Recommendation was moved, seconded and voted on by Council.

Moved by: Councillor C. Gordijk

Seconded by: Councillor B. Fisher

THAT Report DS 2022-014 be received for information.

Motion Carried

10. PRESENTATIONS - NONE

11. CONSENT AGENDA

Consent Agenda Item 11.1 was dealt with separately in order to afford Council the ability to ask questions about this matter.

Moved by: Councillor C. Gordijk

Seconded by: Councillor J. Pfenning

THAT the recommendation for Consent Item 11.2 be approved.

Motion Carried

11.2 COR-2022-23 - Video Surveillance System – Award of Contract

Resolution No. 2022- 146

THAT Report COR 2022-023 be received for information purposes; and further,

THAT Council award RFT 2022-26 Supply, Delivery, and Installation of Video Surveillance System to EllisDon Facilities Services Inc. in the amount of \$169,927.20 plus HST and Delco Security in the amount of \$61,830.00 plus HST as per the bid submissions dated May 26, 2022.

11.1 PWE-2022-25 - Co-operative Contract - 2022 Asphalt Paving Program

It was requested to move this item from Consent in order to ask questions of staff.

In answer to the question regarding when the work will be done on this project, J. Molenhuis, Director of Public Works and Engineering, indicated staff will know better once the contract has been awarded but staff anticipate the work will be done some time in June or July of 2022. He confirmed residents will be given advance notice of at least a few days to a week depending on the contractor.

Resolution No. 2022- 145

Moved by: Councillor C. Gordijk

Seconded by: Councillor J. Pfenning

THAT Report 2022-25, Co-operative Contract - 2022 Hot Mix Asphalt Paving Program be received for information, and,

THAT Council approve participation in the co-operative tender with the Township of Woolwich for supply and placement of hot-mix asphalt

pavement by Capital Paving Inc. for the 2022 Asphalt Paving Program at a cost of \$174,369.59, plus HST.

Motion Carried

12. REPORTS

12.1 DS-2022-13 - Region of Waterloo Official Plan Review – Land Needs Assessment

Council continued consideration of Councillor Hallman's Alternative Motion from the May 30, 2022 Regular Council meeting and asked questions of staff regarding what decision the Region will be making and timing for a decision from them; the implications of expanding development, especially in relation to greenfield lands and farmland; whether the staff report involves further lands being designated beyond what has already been designated within the countryside line; and, how are development charges determined.

H. O'Krafka, Director of Development Services, reiterated staff's concerns that they do not have enough information to make a decision regarding a preferred option, but staff believes the options presented by the Region do not provide for equity for Wilmot. He stated staff would like to see as many options as possible and emphasized the importance of Wilmot receiving its equitable share of growth. He suggested the capacity of the New Hamburg Wastewater Plant is not being fully utilized for residential and industrial purposes.

Council debated the importance of growth in balance with the protection of farmland and acknowledged the need for increased density targets along with intensification. Council restated its commitment to climate change, sustainable and attainable housing, and the importance of moving forward with achieving those goals.

In response to a Procedural question regarding Staff's Recommendation, staff indicated that Staff's Recommendation would only be considered if Councillor Hallman's Alternative Motion failed and no other Alternative Motion was put forward. Staff confirmed that whatever is approved by Council will be forwarded to the Region as Council's official position on this matter.

With the agreement of Councillors Hallman and Gordijk who moved and seconded the Alternative Motion, Councillor J. Pfenning requested two (2) friendly amendments as follows:

- That Wilmot Township be allocated its equitable share of the total growth in the Region to maintain its relative position to the other communities in the Region; and,
- That Wilmot Township requests all scenarios for growth to 2051 for Wilmot ensure the unallocated capacity of the New Hamburg Wastewater Treatment Plant (NHWWTP) is sufficient and also be required to utilize the NHWWTP capacity over adding capacity elsewhere to accommodate all forecast residential and employment growth (including opportunities for a wide range of potential forms of employment growth) until 2051.

The following Alternative Motion, as amended, was voted on:

Resolution No. 2022- 147

Moved by: Councillor A. Hallman

Seconded by: Councillor C. Gordijk

THAT Report DS 2022-013 be received for information; and further,

THAT Council advise the Region of Waterloo of the following:

WHEREAS Wilmot Township has committed to ambitious climate change targets, including a reduction of GHG of 50% by 2030 and 80% by 2050 that will require an ambitious and visionary Regional Official Plan;

That Wilmot Township recommends that the Regional Official Plan process be delayed as required to provide municipalities and citizens more time for fulsome engagement on, investigation of, and education about growth options for the community;

That Wilmot Township receive the Regional Consultant's Report on the sustainability and climate impact of each Growth Option, including any new proposed Growth Options, prior to responding with Wilmot's preferred option;

That Wilmot Township would like to undertake intensification, visioning, and sustainability studies as required to determine the opportunities and optimal locations available to accommodate future population growth prior to committing to specific population allocations and intensification and density targets;

That Wilmot Township requests that all scenarios for growth to 2051 for Wilmot Township utilize higher intensification rates consistent with current trends, and the results of the aforementioned intensification studies - recognizing that this target may be significantly greater than the historical rate of intensification for Wilmot Township and the intensification rate being proposed for other rural Townships;

That Wilmot Township seeks to create complete, sustainable communities where new residential population growth is balanced by accompanying new employment growth; and,

That Wilmot Township be allocated its equitable share of the total growth in the Region to maintain its relative position to the other communities in the Region;

That Wilmot Township requests all scenarios for growth to 2051 for Wilmot ensure the unallocated capacity of the New Hamburg Wastewater Treatment Plant (NHWWT) is sufficient and also be required to utilize the NHWWT capacity over adding capacity elsewhere to accommodate all forecast residential and employment growth (including opportunities for a wide range of potential forms of employment growth) until 2051; and,

That the Township of Wilmot generally supports options for growth that provide for:

- no Community Area expansions and no farmland loss based on increased intensification targets
- not trigger a requirement for identification and removal of excess lands from current urban designations
- support an increased focus on the missing middle and accessory units through implementation of inclusionary zoning
- meet the needs of an aging community
- provide for complete, sustainable and walkable communities, supported by active transportation and public transit
- be consistent with achievement of climate change commitments; and increased minimum density requirements for developments in greenfield areas of the Township.

Motion Carried As Amended

12.2 PFRS-2022-23 - Wilmot Smart Commute Program

S. Jackson, Director of Parks, Facilities and Recreation Services, provided highlights of the report.

Resolution No. 2022- 148

Moved by: Councillor A. Hallman

Seconded by: Councillor C. Gordijk

THAT Report PFRS 2022-023 be received for information; and further,

THAT Council endorse the proposed Wilmot Smart Commute Program locations, namely four (4) spaces at the Wilmot Recreation Complex, two (2) spaces at the Kirkpatrick Park parking lot, and two (2) spaces at the Wilmot Administration Complex upon completion of the parking lot expansion project and two (2) spaces at the New Dundee Community Centre.

Motion Carried

13. **CORRESPONDENCE**

None.

14. **BY-LAWS**

THAT By-law No 2022-26 be read a first, second and third time and finally passed in Open Council.

14.1 By-law 2022-26 Being a By-law to Confirm the Establishment of a Highway in the Township of Wilmot - Redford Drive

Resolution No. 2022- 149

Moved by: Councillor J. Pfenning

Seconded by: Councillor A. Hallman

Motion Carried

15. **NOTICE OF MOTIONS**

15.1 No Nuisance Noise Ontario – Nuisance Noise Created by Modified and/or Missing Mufflers

Mayor L. Armstrong called upon the delegation for this matter.

K. Thomason indicated concerns regarding loud noises in rural settings which cause issues for wildlife and suggested solutions currently being used in some European municipalities.

Resolution No. 2022- 150

Moved by: Councillor A. Hallman

Seconded by: Councillor J. Pfenning

THEREFORE BE IT RESOLVED THAT Wilmot Council urges The Province Ontario to work with the Lieutenant Governor to expedite the proclamation of section 75.1 of the Highway Traffic Act (Better for People, Smarter for Businesses Act, 2019, S.O. 2019, c. 14, Sched. 16, s. 11);

THEREFORE BE IT FURTHER RESOLVED THAT the Minister of Transportation be requested to set a maximum decibel count for exhaust systems to ensure the exhaust system with the capability of exceeding 80 decibels will not be available for sale and will be not permitted in the Province of Ontario;

THEREFORE BE IT FURTHER RESOLVED THAT the Minister of Transportation consider reviewing the increasing associated penalties for non-compliance;

THEREFORE BE IT FURTHER RESOLVED THAT the province of Ontario be requested to provide funding for police services in Ontario to be equipped with the appropriate decibel monitor device to aid in effective enforcement efforts; and finally,

THEEFORE BE IT FINALLY RESOLVED THAT a copy of this motion be sent to the Hon. Caroline Mulroney, Minister Transportation; the Hon. Rod Phillips, Minister of Long-Term Care and local MPP; and the Region of Waterloo and all Regional Municipalities; and the Waterloo Regional Police Service.

Motion Carried

15.2 Minister's Zoning Orders

Councillor A. Hallman withdrew this Notice of Motion and indicated her intention to bring forward a revised motion at a later date.

15.3 Wilmot Township Build It Right the First Time

Mayor L. Armstrong called upon the delegations to speak to this matter.

B. Schumacher, representing 50by30WR, indicated the group's full support of the motion in order to conform more rapidly to the National Building Code and to require green development standards with higher tier energy performance to assist with achieving a reduction in energy consumption in the Waterloo region.

K. Thomason, co-founder for Green WR, advocated for better design including green development standards in order to help address the climate crisis. He emphasized the need for rapid action rather than waiting until 2030 to implement better standards.

K. Elgie, a member of Green WR, highlighted the need to take action to address the climate emergency and the importance of implementing mandatory green development standards as part of the Township's climate action plan.

Resolution No. 2022- 151

Moved by: Councillor J. Pfenning

Seconded by: Councillor A. Hallman

WHEREAS the Province of Ontario adopted greenhouse gas reduction targets of 30% by 2030, and emissions from buildings represented 22% of the province's 2017 emissions;

WHEREAS all Waterloo Region municipalities, including the Township of Wilmot, adopted greenhouse gas reduction targets of 80% below 2012 levels by 2050 and endorsed in principle a 50% reduction by 2030, an interim target that requires the support of bold and immediate provincial and federal actions;

WHEREAS greenhouse gas emissions from buildings represent 45% of all emissions in Waterloo Region, and an important strategy in the ClimateActionWR's, TransformWR Community Climate Action Strategy, adopted by all Councils in Waterloo Region, targets new buildings to be net-zero carbon or able to transition to net-zero carbon using region-wide building standards and building capacity and expertise of building operators, property managers, and in the design and construction sector;

WHEREAS the draft National Model Building Code proposes energy performance tiers for new buildings and a pathway to requiring net zero ready construction in new buildings, allowing the building industry, skilled trades, and suppliers to adapt on a predictable and reasonable timeline while encouraging innovation;

WHEREAS the Ministry of Municipal Affairs and Housing is consulting on changes for the next edition of the Ontario Building Code (ERO #: 019-4974) that generally aligns with the draft National Model Building Code except it does not propose adopting energy performance tiers, it does not propose timelines for increasing minimum energy performance standards step-by-step to the highest energy performance tier, and, according to Efficiency Canada and The Atmospheric Fund, it proposes adopting minimum energy performance standards that do not materially improve on the requirements in the current Ontario Building code;

WHEREAS buildings with better energy performance provide owners and occupants with lower energy bills, improved building comfort, and resilience from power disruptions that are expected to be more common in a changing climate, tackling both inequality and energy poverty;

WHEREAS municipalities are already leading the way in adopting or developing energy performance tiers as part of Green Development Standards, including Toronto and Whitby with adopted standards and Ottawa, Pickering, and others with standards in development;

WHEREAS Green Development Standards are being developed by local municipalities in partnership with the Region of Waterloo, and all local electricity and gas utilities through WR Community Energy;

WHEREAS while expensive retrofits of the current building stock to achieve future net-zero requirements could be aligned with end-of-life replacement cycles to be more cost-efficient, new buildings that are not constructed to be net-zero will require substantial retrofits before end-of-life replacement cycles at significantly more cost, making it more cost-efficient to build it right the first time.

THEREFORE BE IT RESOLVED THAT Council request the Province of Ontario immediately adopt a more ambitious energy performance tier of the draft National Model Building Code as the minimum requirement for the Ontario Building Code and the necessity for bold and immediate provincial action on climate change; and,

THEREFORE BE IT FURTHER RESOLVED THAT Council request the Province of Ontario encourage and provide authority to municipalities to adopt higher energy performance tiers and Green Development Standards than the Ontario Building Code; and,

THEREFORE BE IT FUTHER RESOLVED THAT Council request the Province of Ontario to facilitate capacity, education and training in the

implementation of the National Model Building Code for municipal planning and building inspection staff, developers, and homebuilders to help build capacity; and,

THEREFORE BE IT FINALLY RESOLVED THAT this resolution be provided to the Minister of Municipal Affairs and Housing, to area MPPs, and to all area Municipalities who participate in the Waterloo Region Chief Building Officials group.

Motion Carried

16. ANNOUNCEMENTS

June 21st is National Indigenous Peoples Day. This is a day for all Canadians to recognize and celebrate the unique heritage, diverse cultures and outstanding contributions of First Nations, Inuit and Métis peoples. Although these groups share many similarities, they each have their own distinct heritage, language, cultural practices and spiritual beliefs. I encourage community members to recognize this day through listening and learning about Indigenous History in Canada, as we travel together on a path to Truth and Reconciliation.

June is also Recreation and Parks Month! We are encouraging everyone to celebrate all month long by getting active and enjoying nature. With almost fifty-eight (58) kilometers of existing trails and twenty-four (24) parks to discover and enjoy in Wilmot, there is no shortage of ways to get active and connect with nature. Visit wilmot.ca/JRPM for more information.

Lastly, nominations are still being accepted for Citizen of the Year Awards. These awards are given to individuals who have demonstrated all-round community involvement, recognizing local residents who build communities and show what can be achieved with passion and determination. For more information, please visit wilmot.ca/citizenoftheyear.

Councillor B. Fisher reported there are several events happening in Baden in the upcoming weeks including car shows the 1st week of June, concerts at Castle Kilbride beginning in early July, and food trucks.

Councillor A. Hallman thanked the Mannheim Optimists for their fishing derby event. She recognized that June 19 commemorates the emancipation of Black People, June 21 is National Indigenous Peoples Day, and July 1 will see Canada Day in Wilmot once again so encouraged residents to visit www.canadadayinwilmot.com to find out about various events that are planned. Also, she recognized that this year is the first time since the pandemic that Grade

6, 8 and 12 students will be able to celebrate graduation and extended congratulations to all these students.

17. BUSINESS ARISING FROM CLOSED SESSION - NONE

18. CONFIRMATORY BY-LAW

Resolution No. 2022- 152

Moved by: Councillor J. Gerber

Seconded by: Councillor C. Gordijk

THAT By-law Nos 2022-27 and 2022-28 be read a first, second and third time and finally passed in Open Council.

Motion Carried

19. ADJOURNMENT

Resolution No. 2022- 153

Moved by: Councillor A. Hallman

Seconded by: Councillor C. Gordijk

THAT we do now adjourn to meet again at the call of the Mayor.

Motion Carried



PARKS, FACILITIES AND RECREATION SERVICES

Staff Report

REPORT NO: PFRS 2022-031

TO: Council

SUBMITTED BY: Sandy Jackson, Director Parks, Facilities and Recreation Services

PREPARED BY: Sandy Jackson, Director Parks, Facilities and Recreation Services

REVIEWED BY: Sharon Chambers, CAO

DATE: June 27, 2022

SUBJECT: Parks Rental Fees – Full Moon Ceremony

RECOMMENDATION:

THAT Council authorize the free use-of-space for an Indigenous full moon ceremony event planned for July 16, 2022, in New Hamburg; and further,

THAT the park rental fees and insurance be funded from the Council Special Events operating budget line.

SUMMARY:

The Township has received a request from a local Indigenous community group to access parkland at Norm Hill Park, or another suitable park in New Hamburg, to host a full moon ceremony on July 16, 2022. Staff are recommending the park rental fees and insurance be funded via the Council Special Events operating budget.

BACKGROUND:

In 2021, staff brought forward report COR 2021-029 Indigenous Reconciliation Action Plan – Update and Actions. Within this report, staff sought direction for the Township to recognize

September 30, 2021, as the National Day for Truth and Reconciliation and waiving rental fees associated with use of municipal parks, and facilities for recognized Indigenous organizations to lead cultural and ceremonial events for that date. The report also sought direction to develop a Corporate Guideline to support access and use of public spaces by Indigenous peoples to carry out cultural and ceremonial practices.

REPORT:

Township staff have been participating in meetings with the Reconciliation Action Plan Working Group (RAPWG) with the goal of engaging and building relationships with Indigenous communities and individuals and developing policy and practices to provide access to parkland and facilities for Indigenous ceremonies and activities.

Staff received a request for use of park space in New Hamburg on Saturday, July 16, 2022, beginning at dusk to perform a full moon ceremony. Staff will work with the event organizers to finalize a location that is suitable within a suitable park. The event will include a ceremonial fire that will be contained in a fire pit frame that will be brought to the site. The event organizers will be required to have a fire extinguisher on site and to remove the fire pit and the fire remnants upon completion of the ceremony.

Within staff report COR 2021-029, the framework of RAPWG was outlined including descriptions of the sub committees as follows: learning and development, honorariums, place keeping and land opportunities, communications and events, and heritage and cultural landscapes. As these groups continue to meet and work with the Indigenous communities throughout the Region, policies related to access to lands by Indigenous peoples will be brought to Wilmot Council and Council's across the Region. Until this work is complete, staff will bring forth requests such as this parkland use to Council for approval.

As a result, staff are recommending approval of unbudgeted funding through the Council Special Events Operating Budget for the use of parkland on July 16, 2022.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This report supports the Strategic Plan goals of Quality of Life and Responsible Governance.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

- 10. Reduced Inequalities
- 16. Peace and Justice

FINANCIAL CONSIDERATIONS:

The park rental fees are valued at approximately \$425 for a special event use. The annual operating allocation for Council Special Events is \$1,400. These funds were intended for the Living Well Festival, Canada Day and Citizen of the Year. YTD Council has approved un-

budgeted allocations to the U-15 Fastpitch National Championships (\$500), and sponsorship of the Community Safety and Crime Prevention Bike Safety Event (\$280).

ATTACHMENTS:

N/A



INFORMATION AND LEGISLATIVE SERVICES *Staff Report*

REPORT NO: ILS-2022-18

TO: Council

SUBMITTED BY: Arthur Flach, Municipal Clerk

PREPARED BY: Erin Merritt, Manager of Municipal Law Enforcement

REVIEWED BY: Sharon Chambers, CAO

DATE: June 22, 2022

SUBJECT: Noise By-law Exemption – Shawna Sanchez

RECOMMENDATION:

THAT a Noise By-law Exemption be granted for Shawna Sanchez, New Hamburg on August 20, 2022 between the hours of 7-11pm.

SUMMARY:

Approval of a request for a Noise By-law Exemption is being sought for a party on August 20, 2022, between the hours of 7pm-11pm.

BACKGROUND:

Township of Wilmot Noise By-law 98-21 prohibits excessive noise in the Township that is likely to disturb residents. Historically, Council has provided opportunities for exemptions to this By-law for the purpose of community events and special occasions for both public and private functions. Residents or event organizers seeking an exemption are required to circulate a notice to all neighbours with 150 feet of the property advising them of when Council will be considering the request.

REPORT:

The Township received a request for a Noise By-law Exemption for a family celebration.

Neighbours have been circulated a notice regarding this request. The letter circulated to the subject property's neighbours has been attached and outlines the nature of the event and the type of noise the event is anticipated to generate. As of submission of this report, we have received no objections or any feedback regarding this request.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

By allowing the exemption to the Noise By-law and ensuring residents are notified as such, the Township is supporting community events and celebrations, strengthening customer service and communicating municipal matters.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

Goal #3 – Good health and well-being.

FINANCIAL CONSIDERATIONS:

There are no fees or costs associated with the granting of a Noise By-law Exemption.

ATTACHMENTS:

Notice provided to neighbours

Neighbourly Notice

June 16, 2022

Dear Neighbour,

On August 20th we will be having a get together to celebrate [REDACTED] at our property at [REDACTED]. The celebration will begin at 2pm and the DJ will be finished at 11pm. We hope to keep the volume reasonable while still having a good time with our family and guests.

We have requested a Noise By-law Exemption from the Township of Wilmot. The Council meeting will take place on June 27th at 60 Snyder's Rd West Baden. If you have any questions please contact Arthur Flach, Municipal Clerk, at 519-634-8519 ext 9230 or at Arthur.flach@wilmot.ca by the Wednesday before the meeting.

Thank you

Sebastian and Shawna



INFORMATION AND LEGISLATIVE SERVICES

Staff Report

REPORT NO: ILS-2022-19

TO: Council

SUBMITTED BY: Arthur Flach, Municipal Clerk

PREPARED BY: Erin Merritt, Manager of Municipal Law Enforcement

REVIEWED BY: Sharon Chambers, CAO

DATE: June 22, 2022

SUBJECT: Noise By-law Exemption – Bel Air Excavating & Grading Ltd.

RECOMMENDATION:

THAT a Noise By-law Exemption be granted to Bel Air Excavating & Grading Ltd to allow for surface asphalt paving on Snyder's Road E between Whiting Way and Gingerich Road, Baden, August 13-14, 2022 from 7am to 9pm (August 20-21, 2022 from 7am to 9pm, rain date) to allow for the completion of normal paving operations while minimizing business and resident disruption and access to Snyder's Road. AT Report

SUMMARY:

Bel Air Excavating & Grading Ltd is undertaking this work in connection with the ongoing construction on Snyder's Road between Foundry St and Brubacher St in Baden. Allowing permission to complete this work on the weekend will help to minimize business and resident disruption and access with the ongoing construction.

BACKGROUND:

Township of Wilmot Noise By-law 98-21 prohibits excessive noise in the Township that is likely to disturb residents. Historically, Council has provided opportunities for exemptions to this By-law for construction companies to ensure work is completed in a timely manner while minimizing disruptions to businesses and residents.

REPORT:

Staff received a request from Bel Air Excavating & Grading Ltd. To allow for an exemption to the Noise By-law and request surface asphalt paving occur August 13-14, 2022 from 7am to 9pm or if there is inclement weather August 20-21, 2022 from 7am to 9pm.

This normal paving operation is being completed on the weekend to help minimize disruptions and access to businesses and residents as part of the ongoing construction project on Snyder's Road.

Neighbours have been circulated a notice and the notice was also posted on the Region of Waterloo's Engage website. At the time of submitting this report, there has been no objections or feedback brought forth.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This report aligns with the corporate goal of being an engaged community through strengthening customer service as well as enjoying quality of life through ensuring people's safety, and having a prosperous economy through maintaining infrastructure.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

Goal #11 – Sustainable Cities and Communities.

FINANCIAL CONSIDERATIONS:

There are no financial impacts identified.

ATTACHMENTS:

Notice provided to neighbours



Region of Waterloo

**TRANSPORTATION AND
ENVIRONMENTAL SERVICES**
Design and Construction

150 Frederick Street
Kitchener Ontario N2G 4J3 Canada
Telephone: 519-575-4400
TTY: 519-575-4608
Fax: 519-575-4430
www.regionofwaterloo.ca

Refer To:
Ken Brisbois, 519-575-4606

File No:
5766

Date:
June 20, 2022

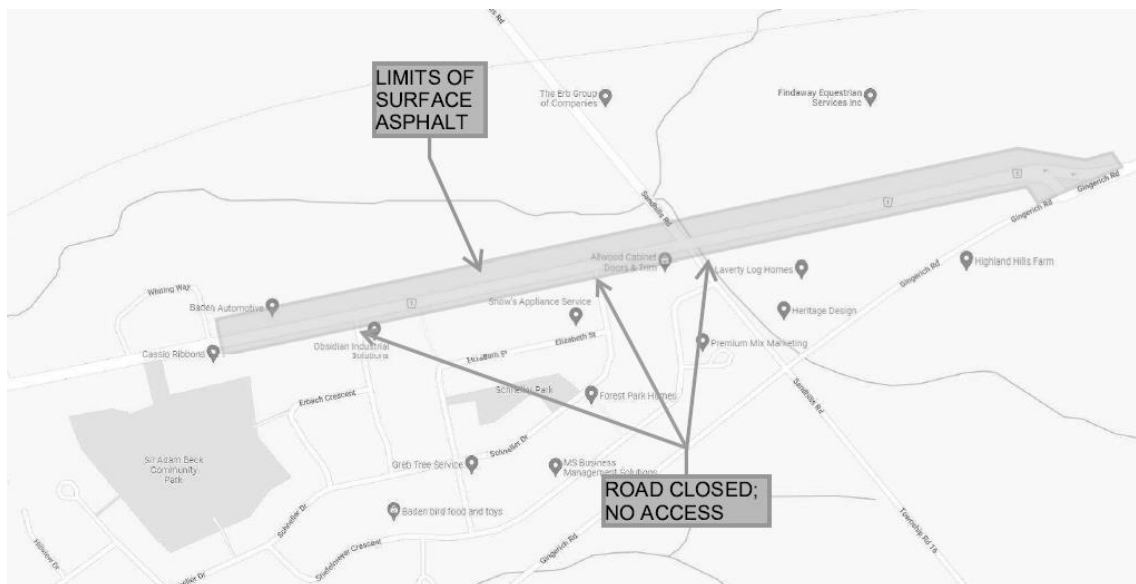
To: Property Owners/Residents

Re: Contract T2021-107, Snyder's Road Reconstruction – Foundry Street to Gingerich Road, Township of Wilmot

Re: Surface Asphalt – Weekend Work Notification & Noise Bylaw Exemption Request

As you are aware, Snyder's Road between East Whiting Way to Forler Street (Stage 1A) and from Gingerich Road to Schneller Drive (Stage 1B) was reconstructed to base asphalt last season with the remainder between Forler Street and Schneller Drive (Stage 1C) nearing completion to base asphalt planned within the next 2 weeks.

The surface asphalt paving operation between East Whiting Way to Gingerich Road is being proposed to be carried out over a weekend to help minimize any access disruptions to the businesses and residents between Whiting Way and Foundry Street, since the construction operations between Foundry and Brubacher Street will be shut down for the weekend to accommodate the surface paving operations.



Patrons and residents will be able to access Snyder's Road East to Whiting Way from Foundry Street during the weekend paving operations with the majority of through traffic continuing to be detoured via Foundry Street to Gingerich Road. Side streets between Gingerich Road and Whiting Way will also have limited/no access to Snyder's Road as the Contractor will need to close these as they progress to allow time for the asphalt to cool to a temperature that is safe to drive on.

It is anticipated that the surface paving operations can be completed in one day, however the request includes both Sat and Sunday as well as consecutive weekends in the event of inclement weather or other unforeseen circumstances.

The dates being proposed by the contractor to place surface asphalt on Snyder's Road between East Whiting Way and Gingerich Road are Saturday August 13th and 14th, 2022 and alternatively August 20th and 21st, 2022 and to occur between the hours of 7:00am and 9:00pm.

A report requesting an exemption to the Noise By-law to allow for this Saturday and Sunday on the dates and times noted above is being taken to the June 27, 2022 Township of Wilmot Council Meeting.

If you have questions or concerns regarding traffic or detour related issues please do not hesitate to contact our onsite inspector Jeremy Bieniarz at 519-465-0539 or our Contract Administrator Josh Eldridge at 226-808-4678.

Alternatively, if you have any questions or require further information at this time regarding any other aspect of the project, please feel free to contact me.

Yours Truly,



Ken Brisbois, C.Tech
Project Manager, Rehabilitation

Region of Waterloo
Transportation and Environmental Services
Design and Construction
150 Frederick Street, 6th Floor
Kitchener, ON Canada N2G4J3
T: 519-575-4606
kbrisbois@regionofwaterloo.ca



PARKS, FACILITIES AND RECREATION SERVICES

Staff Report

REPORT NO: PFRS 2022-026

TO: Council

SUBMITTED BY: Sandy Jackson, Director Parks, Facilities and Recreation Services

PREPARED BY: Sandy Jackson, Director Parks, Facilities and Recreation Services

REVIEWED BY: Sharon Chambers, CAO

DATE: June 27, 2022

SUBJECT: Nith River Promenade Final Design

RECOMMENDATION:

THAT staff be directed to proceed with tendering the construction of the Nith River Promenade based on the updated final design included within Report PFRS 2022-026.

SUMMARY:

This report seeks Council direction to proceed with issuing a tender for construction of the Nith River Promenade improvements based on the public consultation and updated drawings included in this report.

BACKGROUND:

Staff report PFRS 2022-018, Nith River Promenade Concept Design included the following recommendations that were supported by Council:

THAT the 90% complete concept design prepared by WSP Global Inc. (WSP) be approved in principle; and further

THAT staff be directed to proceed with public consultation on the concept design including an online review and comment opportunity on the Township website, and a review opportunity by the Grand River Accessibility Advisory Committee, the New Hamburg Board of Trade, the Wilmot Trails Advisory Committee, and neighbouring businesses; and

THAT staff be directed to bring the 100% design drawings back to Council for approval while incorporating consultation feedback where possible, prior to tendering the project for construction.

Two (2) grants have been received to assist with funding this important downtown core project including the Rural Economic Development fund and the Canada Community Revitalization Fund (CCRF). Staff have been reporting back to these funders on the progress of the project.

The Grand River Conservation Authority provided input into the design and guidance with respect to the impacts on the dam structure and the Nith River. The Grand River Conservation Authority (GRCA) provided input into the design and guidance with respect to the impacts on the dam structure and the Nith River.

REPORT:

Staff have now completed the public consultation, including reviewing the design with key community organizations and businesses, and an online public engagement. This report presents updated 100% final drawings and a summary of the feedback received.

Public Consultation Summary:

To ensure key community partners and the general public had an opportunity to provide feedback on the concept design, staff issued e-mails to local businesses in the area of the proposed construction, as well as to the Grand River Accessibility Advisory Committee (GRAAC), the Wilmot Horticultural Society, Let's Tree Wilmot, the New Hamburg Board of Trade, the Wilmot Trails Advisory Committee, and the Wilmot Family Resource Centre for Indigenous consultation.

Staff received twenty-three (23) responses through these methods with varying recommendations and comments. Staff also met on site with members of Let's Tree Wilmot to specifically review the proposed tree plan for the concept design.

A number of the suggestions related to flood mitigation, and dam related comments were provided back to the GRCA as these topics falls within their mandate and are not part of the project.

The most frequent public response was related to preservation of the mature trees and some grassy areas with natural shade to promote picnicking along the promenade. Although the trees affected by the concept design are aging and in need of replacement in the next 5-10 years, staff supported this and directed WSP to modify the plan to reduce the number of trees

that would be removed. Staff will also work on a replacement program for these mature trees to ensure natural shade as these aging trees reach end of life.

The second most common theme in the feedback related to improving the west bank of the river near the waterwheel by adding riprap¹ to address erosion and improve the path and lighting around the waterwheel. The addition of riprap on the west bank would require in-water work given riprap does not currently exist in that area. Given the additional time and costs associated with GRCA approval for in-water work, improvements along the west bank will be considered through a future capital project.

Other comments included adding bird houses, butterfly areas, improved waste and recycling bins, circular patterns for gathering, permeable surfaces to reduce asphalt and paving, improvements to the canoe/kayak launch area and consideration for solar lighting.

One further main theme was that the design does not promote access to the weirs that are often used by the public for crossing the river. The weirs are not intended as a walkway and are not accessible for all users, and due to the liability associated with encouraging access to the weirs, the GRCA, who own the weirs, have instructed staff to design the project accordingly.

Modifications to Concept Design:

As a result of the consultation feedback, the following changes were made to the design as presented in this report:

- eliminate the upper trail segment west of the upper gathering space to retain as many mature trees and green space as possible,
- information and planting details to include native species of trees to replace those being removed were provided by the consultant, and plantings will be done in conjunction with Let's Tree Wilmot and not part of this construction,
- realign the upper trail segment east of the upper gathering space to reduce grading on the accessible ramp from 5.2% to a 4.45% slope to ensure AODA compliance,
- addition of guardrails to the top edges of both headwalls (drain outlets) to better withstand the ice floes and protect trail users from potential fall hazards,
- design a designated garbage/recycling collection space,
- redesign the gathering spaces to include a circle design within the surfacing,
- realign the trail lighting to coincide with the revised trail layouts,
- improve access to the canoe/kayak launch area, and,
- other requests such as adding bird houses, butterfly areas etc., will be considered through future Parks operating budgets.

¹ Riprap is a permanent layer of large, angular stone, cobbles, or boulders typically used to armor, stabilize, and protect the soil surface against erosion and scour in areas of concentrated flow or wave energy.

WSP was also tasked with investigating potential solar lighting options which was determined to be nearly double the cost and incompatible with the current trail lighting fixture selection - however, the potential to look into solar transformers may still be an option for future consideration.

WSP was also tasked with looking into permeable surfacing for the gathering space/upper trail. Given the location of the trail in proximity to active flooding, a permeable surface such as stone dust or mulch were not considered to be viable options. Turf stone and comparable products were also not considered to provide a maintenance free and fully accessible surface. Other newer permeable paving technologies were considered; however, adequate testing has not yet been completed with respect to ensuring long term sustainability in a flood prone area. As a result, the trail design maintains the use of concrete and asphalt for the trail surfaces and gathering areas. The revised design does however include removal of the upper trail segment west of the upper gathering space, which reduces the overall impermeable area proposed by the project and retains a significant amount of greenspace.

With these changes which were based on the public consultation, staff are recommending approval of the 100% final design and proceeding with issuing the tender documents to complete the works.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

Improvements to the trail, including increased accessibility, enhanced erosion control, and a design incorporating stakeholder engagement, furthers the Townships goals of Quality of Life, Environmental Protection and Community Engagement.

Implementation of the recommendations within the Trails Master Plan was identified as a specific strategic action under the Council approved Strategic Plan.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

Good Health and Well-Being, Reduced Inequalities, Sustainable Cities and Communities, Life Below Water.

FINANCIAL CONSIDERATIONS:

The design of the project was funded in a 2021 as follows:

| Funding Source | Amount |
|--|------------------|
| Rural Economic Development Grant | \$48,000 |
| Infrastructure Reserve Fund – Facilities | \$112,000 |
| Total | \$160,000 |

The approved 2022 Capital budget for the construction portion of this project is outlined below:

| Funding Source | Amount |
|--------------------------------------|------------------|
| General Levy | \$35,000 |
| Canada Community Revitalization Fund | \$200,000 |
| Trust Funds – Trails | \$90,000 |
| Total | \$325,000 |

ATTACHMENTS:

Appendix A: Final Design

Appendix B: Summary of Public Consultation

TOWNSHIP OF WILMOT

NEW HAMBURG NITH RIVER PROMINADE

Project No. 211-05070-00
SUMMER 2022



LOCATION KEY MAP:

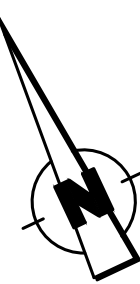
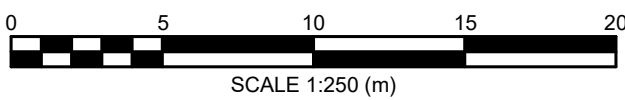


DRAWING INDEX

| | | | |
|-------|-----------------------|-------------------|-----------------------|
| L-100 | GENERAL NOTES | <u>ELECTRICAL</u> | |
| L-110 | SITE PREPARATION PLAN | E-100 | ELECTRICAL LAYOUT |
| L-200 | GRADING AND SERVICING | E-200 | WIRING DIAGRAM |
| L-300 | LAYOUT PLAN | E-300 | ELECTRICAL DETAILS |
| L-400 | PLANTING PLAN | E-400 | ELECTRICAL DETAILS II |
| L-500 | DETAILS | E-500 | REMOVALS |
| L-510 | DETAILS | E-600 | LIGHTING CALCULATIONS |
| L-520 | DETAILS | | |
| L-600 | SECTIONS | | |
| L-610 | SECTIONS | | |

PREPARED BY:





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

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 |
|----|------------|-------------------|----|------|
| 3 | 2022/06/10 | ISSUED FOR TENDER | NM | BVV |
| 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:
GRADING PLAN

STAMP

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

Grading Review:

Based on review of existing and design grading and the proposed cut-fill balances, proposed grades are not anticipated to impact flooding within or beyond the study area.

Alyssa Mohino, P.Eng.

Name, Title, Credentials

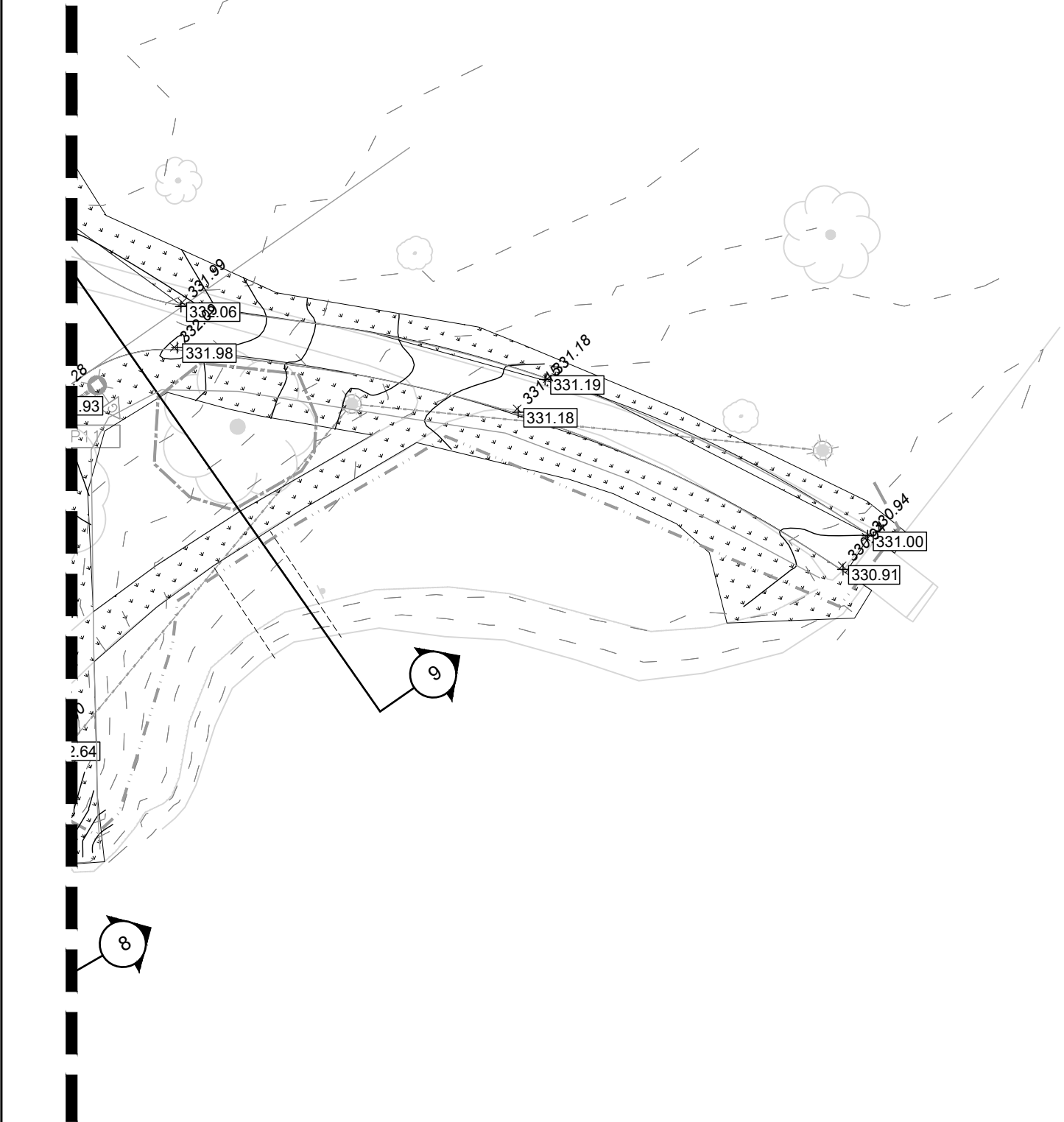
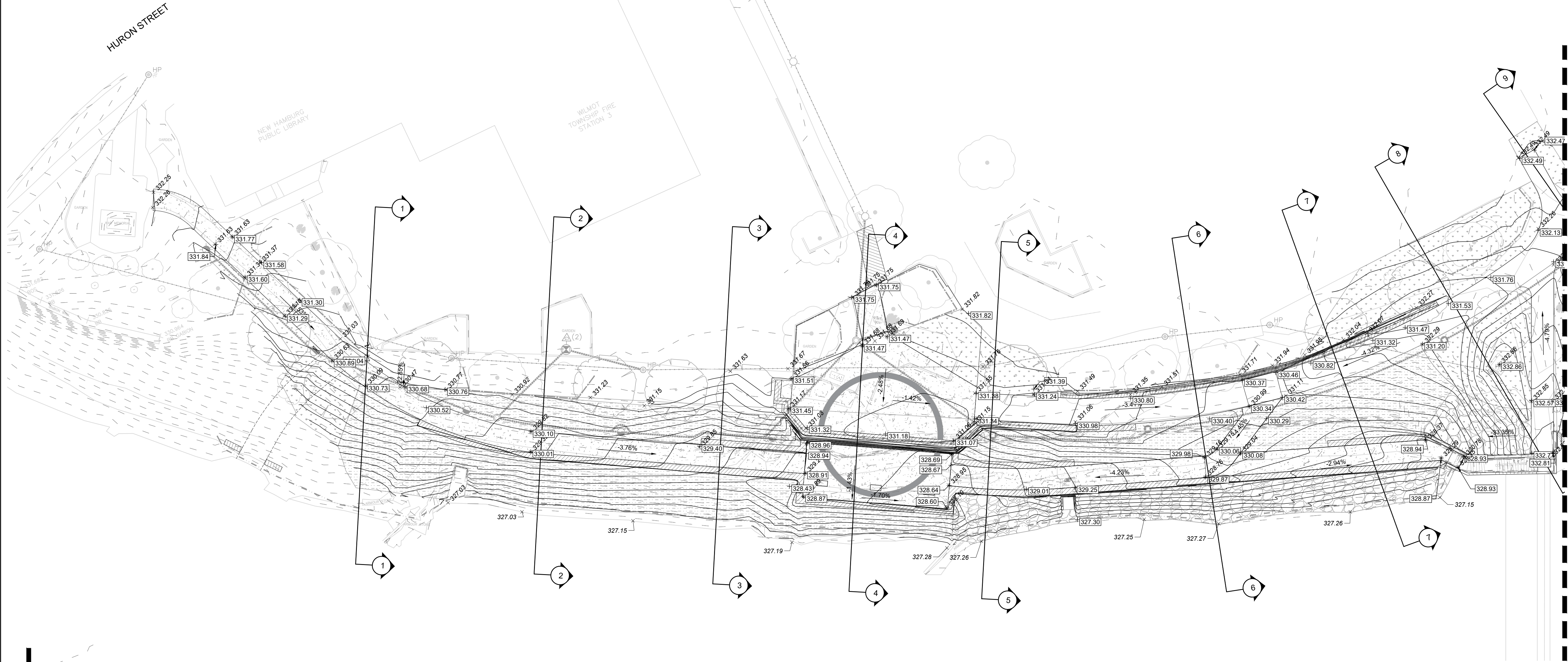
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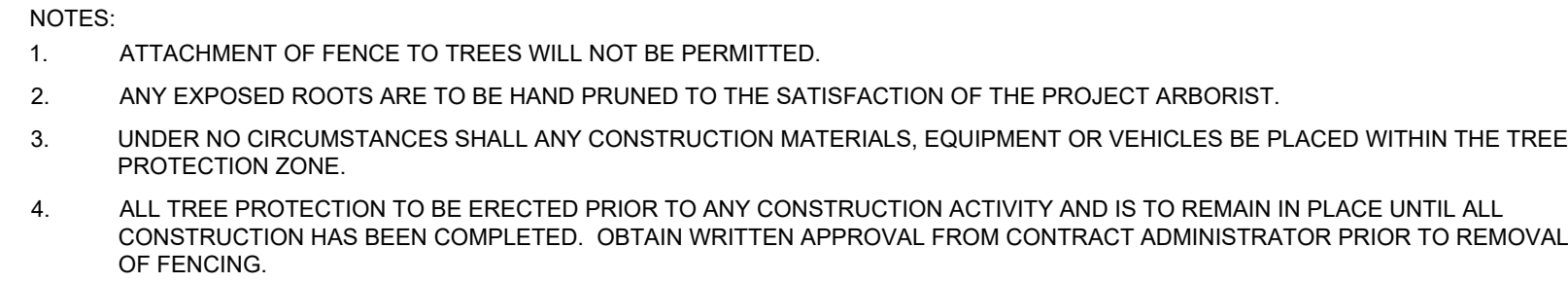
June 10, 2022

Date

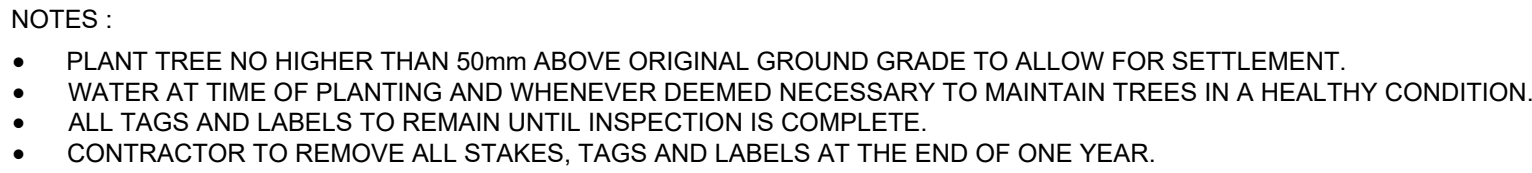
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FILL = 480 m3
NET = (100m3)

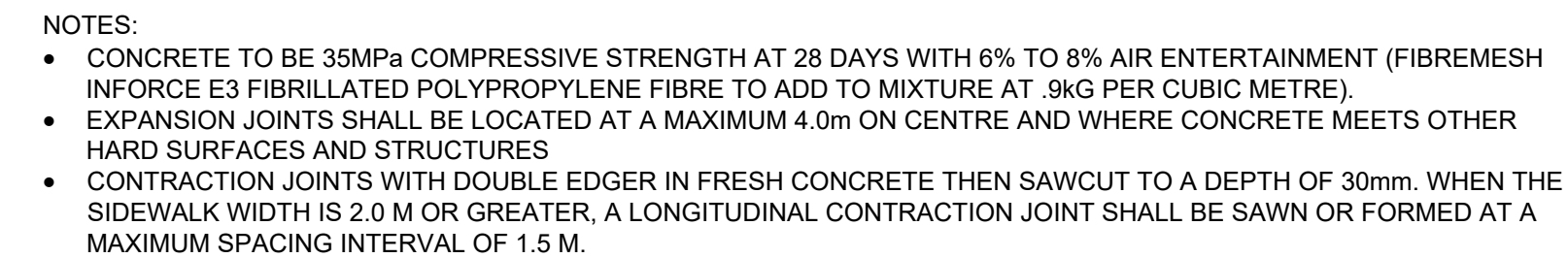




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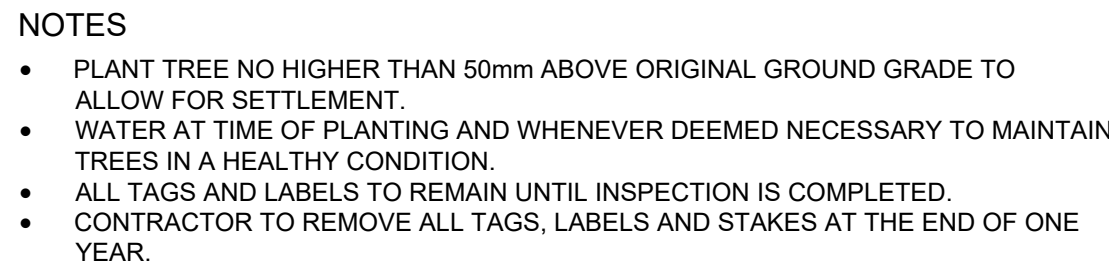


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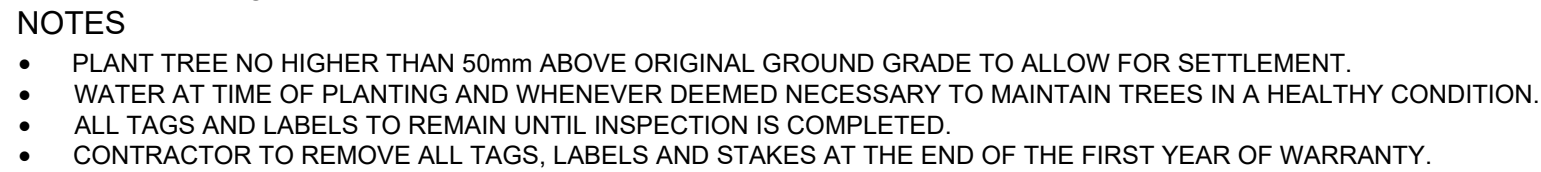
NOTES:

- TO BE INSTALLED IN THE LOCATION NOTED IN THE DRAWINGS AND PER MANUFACTURERS SPECIFICATIONS.
- CONTRACTOR RESPONSIBLE FOR UPKEEP OF EROSION CONTROL DURING PROJECT.

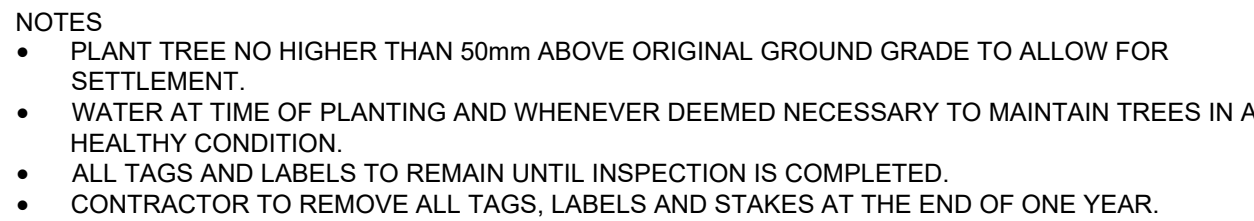
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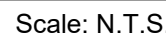
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WSP

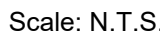
Landscape Architecture
582 Lancaster Street West
Kitchener, ON N2K 1M3
t. 519-743-8777
www.wsp.com

L-500

| | | | | | |
|----------------|-----|-------|-------------|--------------|----|
| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE AS SHOWN | | | DATE | JANUARY 2022 | |
| PROJECT NUMBER | | | DWG. NUMBER | | |
| 211-05070-00 | | | L-510 | | |




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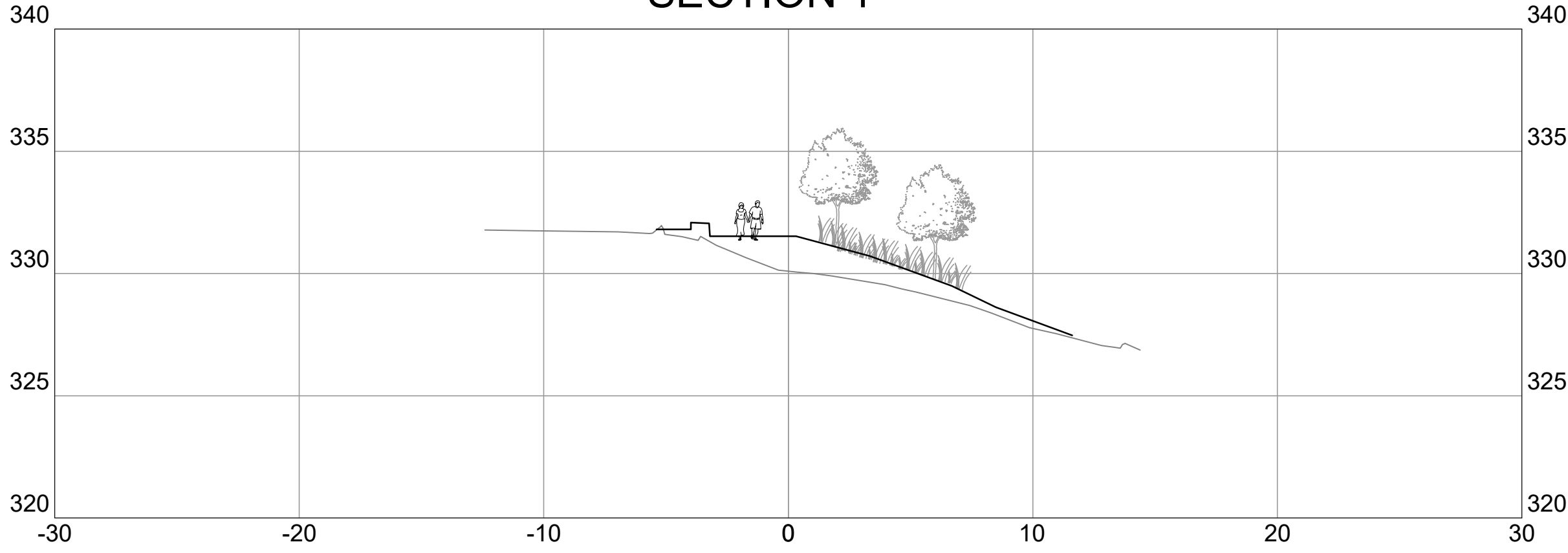
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wsp Landscape Architecture
582 Lancaster Street West
Kitchener, ON N2K 1M3
t. 519-743-8777
www.wsp.com

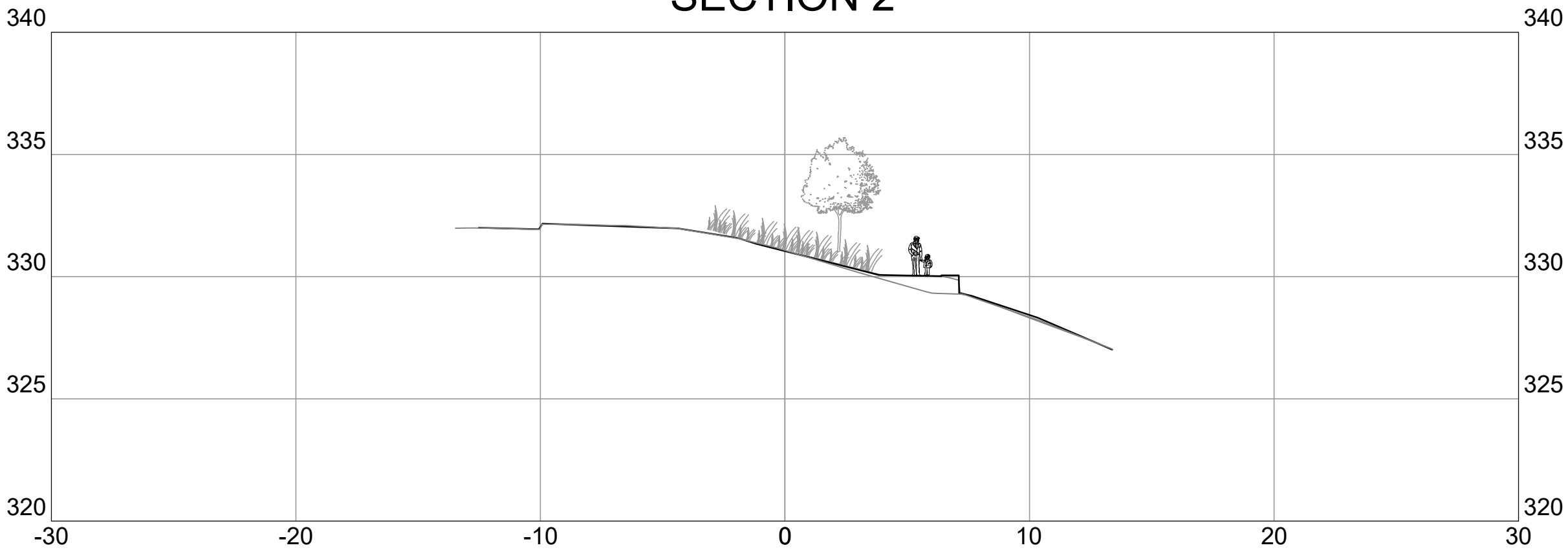
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| STAMP  | | STAMP | |
| DESIGNED BVV | DRAWN | NM | CHECKED AG |
| SCALES SHOWN | | DATE | JANUARY 2022 |
| PROJECT NUMBER | | DWG. NUMBER | |
| 211-05070-00 | | L-520 | |

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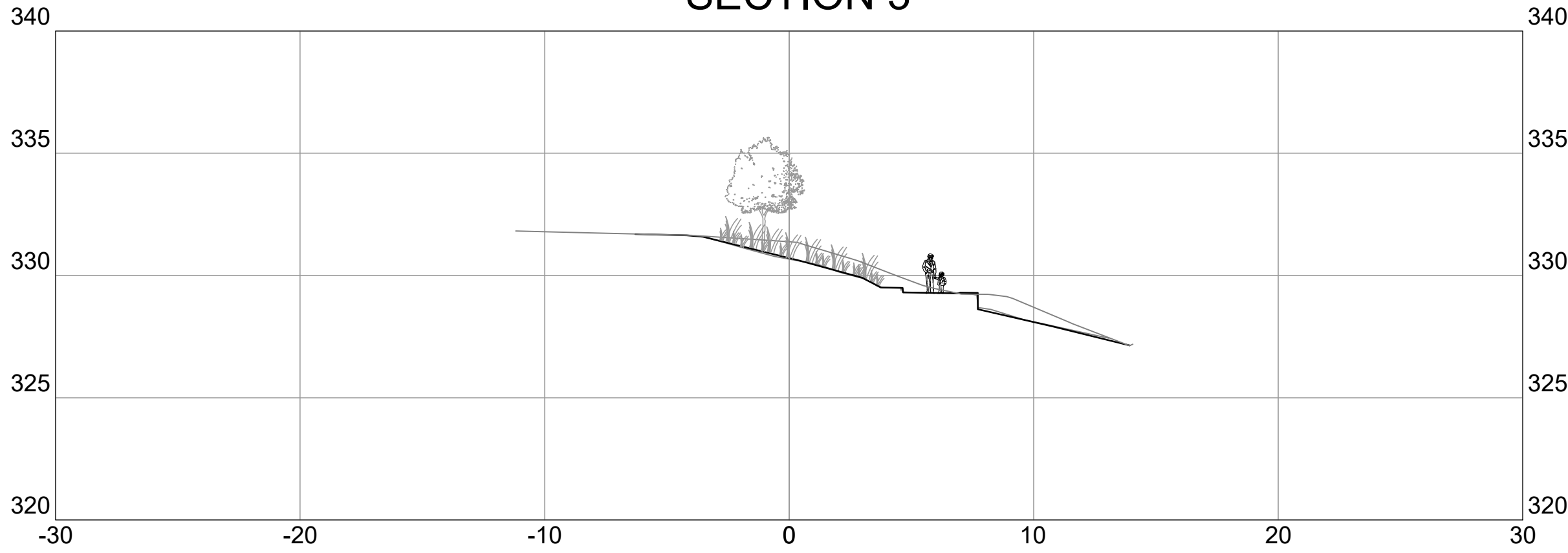
SECTION 1



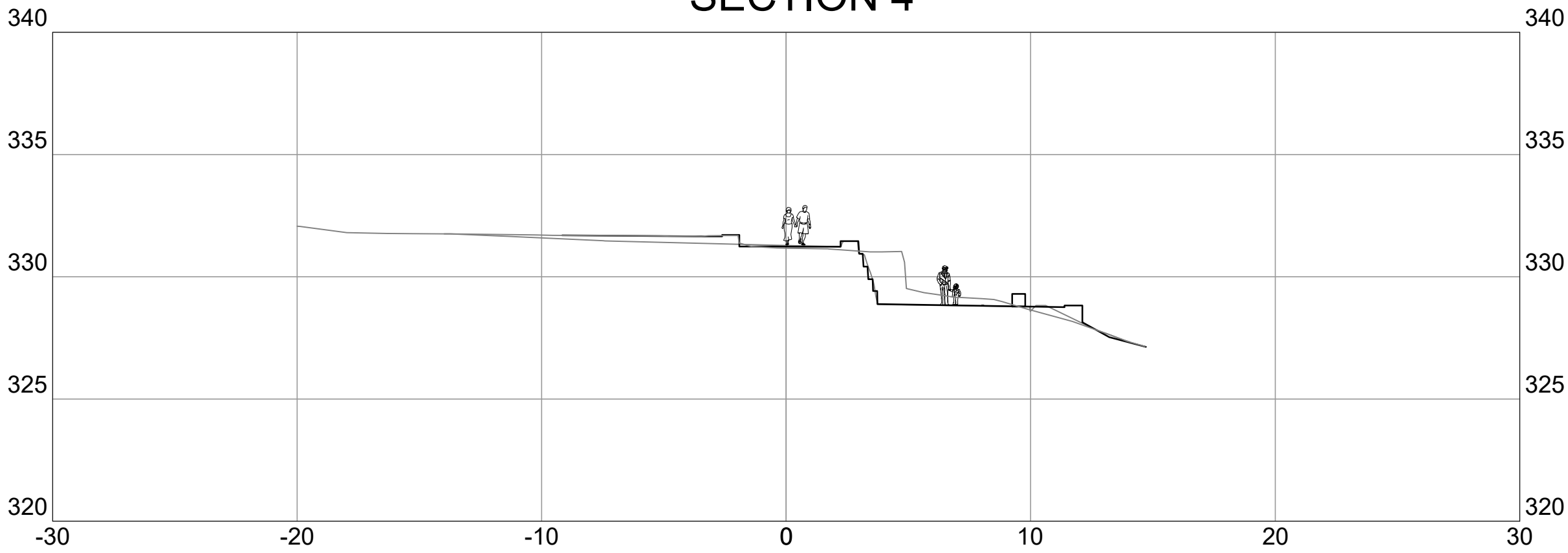
SECTION 2



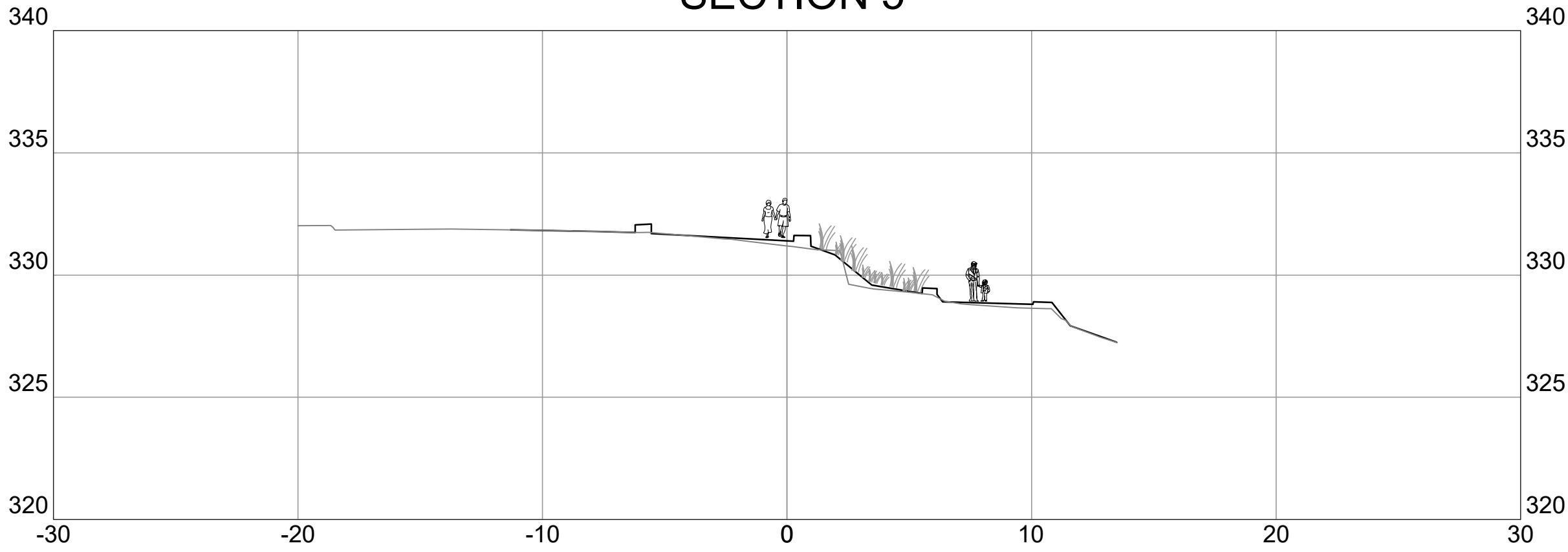
SECTION 3



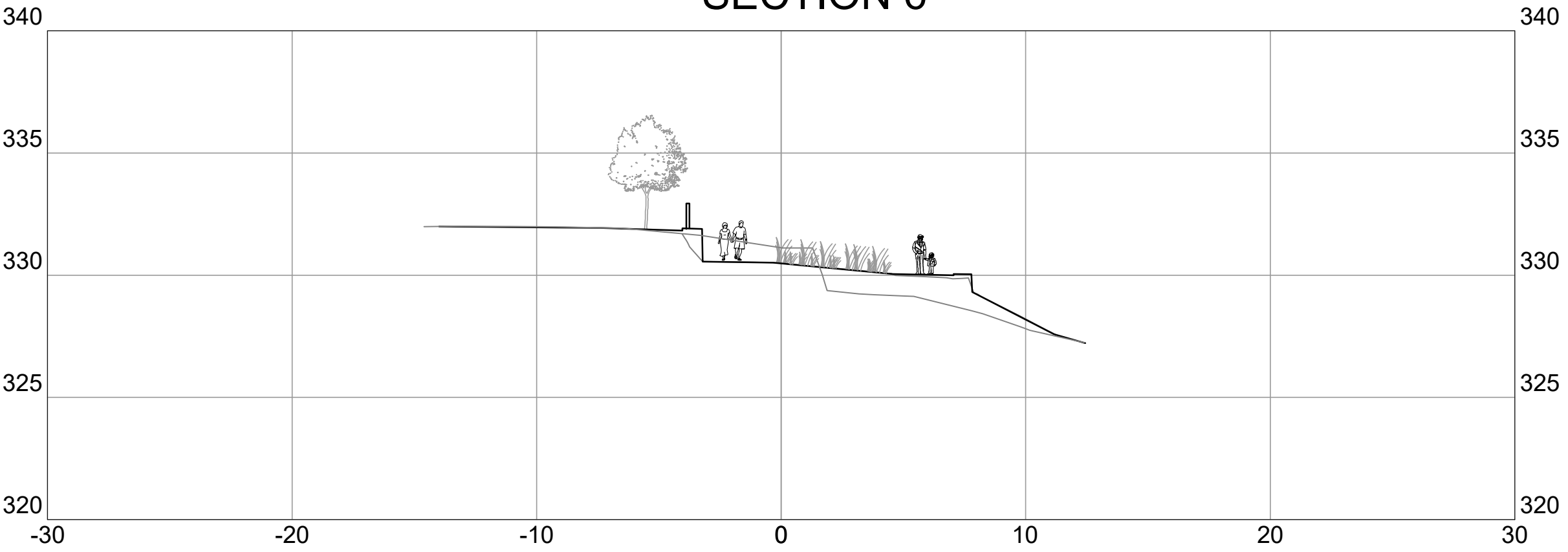
SECTION 4



SECTION 5



SECTION 6

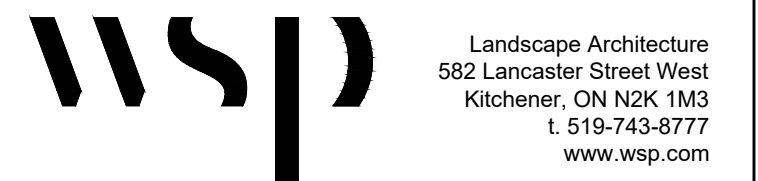


LEGEND

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 |
|----|------------|-------------------|----|------|
| 3 | 2022/06/10 | ISSUED FOR TENDER | NM | BVV |
| 2 | 2022/03/03 | 90% SUBMISSION | NM | BVV |
| 1 | 2022/01/28 | 60% SUBMISSION | NM | BVV |

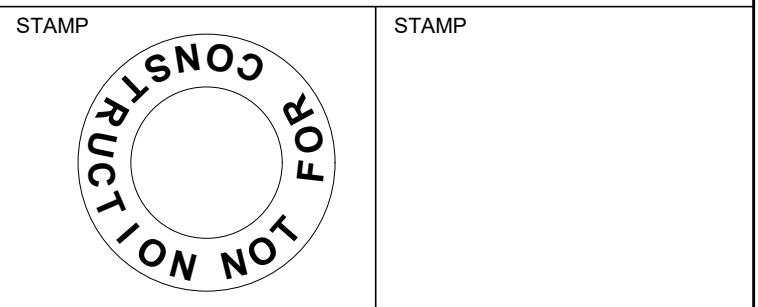


CLIENT: **TOWNSHIP OF WILMOT**
60 SNYDER'S ROAD WEST
BADEN, ON N3A 1A1

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

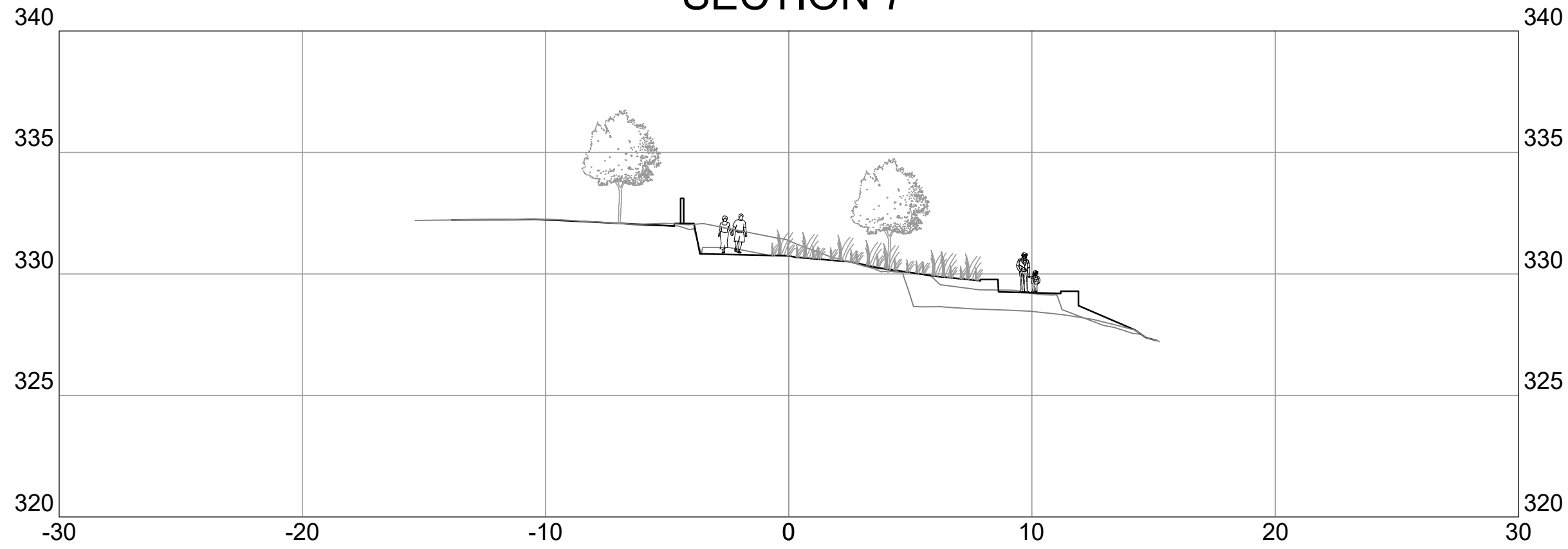
SITE ADDRESS: **BETWEEN GRCA DAM
AND HARTMAN BRIDGE**

DRAWING TITLE: **SECTIONS**

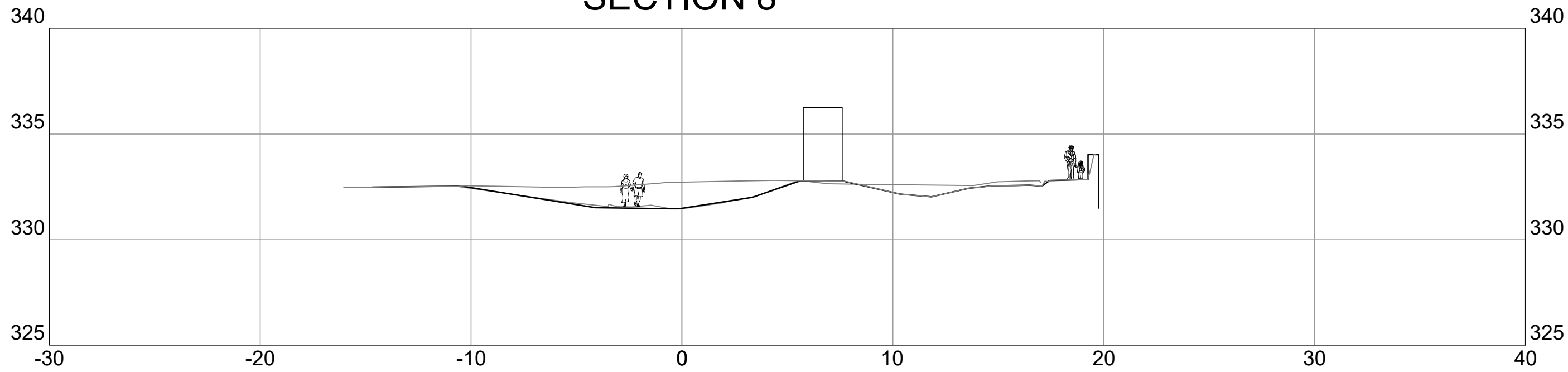


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|--------------|-------|-------|--------------|----------------|-------------|
| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE | 1:200 | DATE | JANUARY 2022 | PROJECT NUMBER | DWG. NUMBER |
| 211-05070-00 | | | | L-600 | |

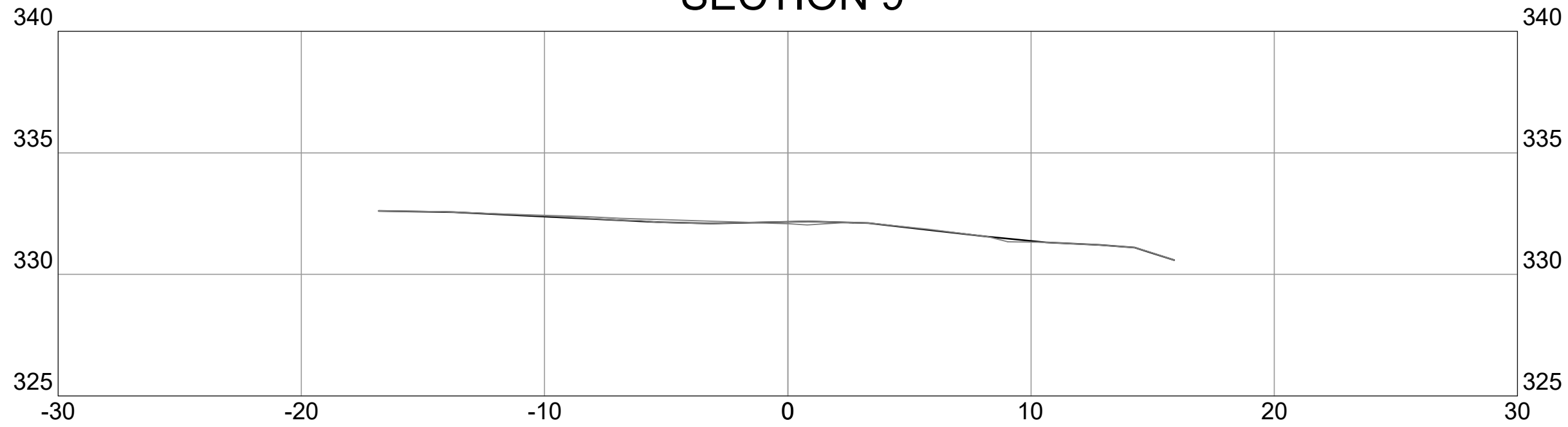
SECTION 7



SECTION 8



SECTION 9



LEGEND

DRAWING INFORMATION

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

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| 3 | 2022/06/10 | ISSUED FOR TENDER | NM | BVV |
| 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
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

STAMP

STAMP

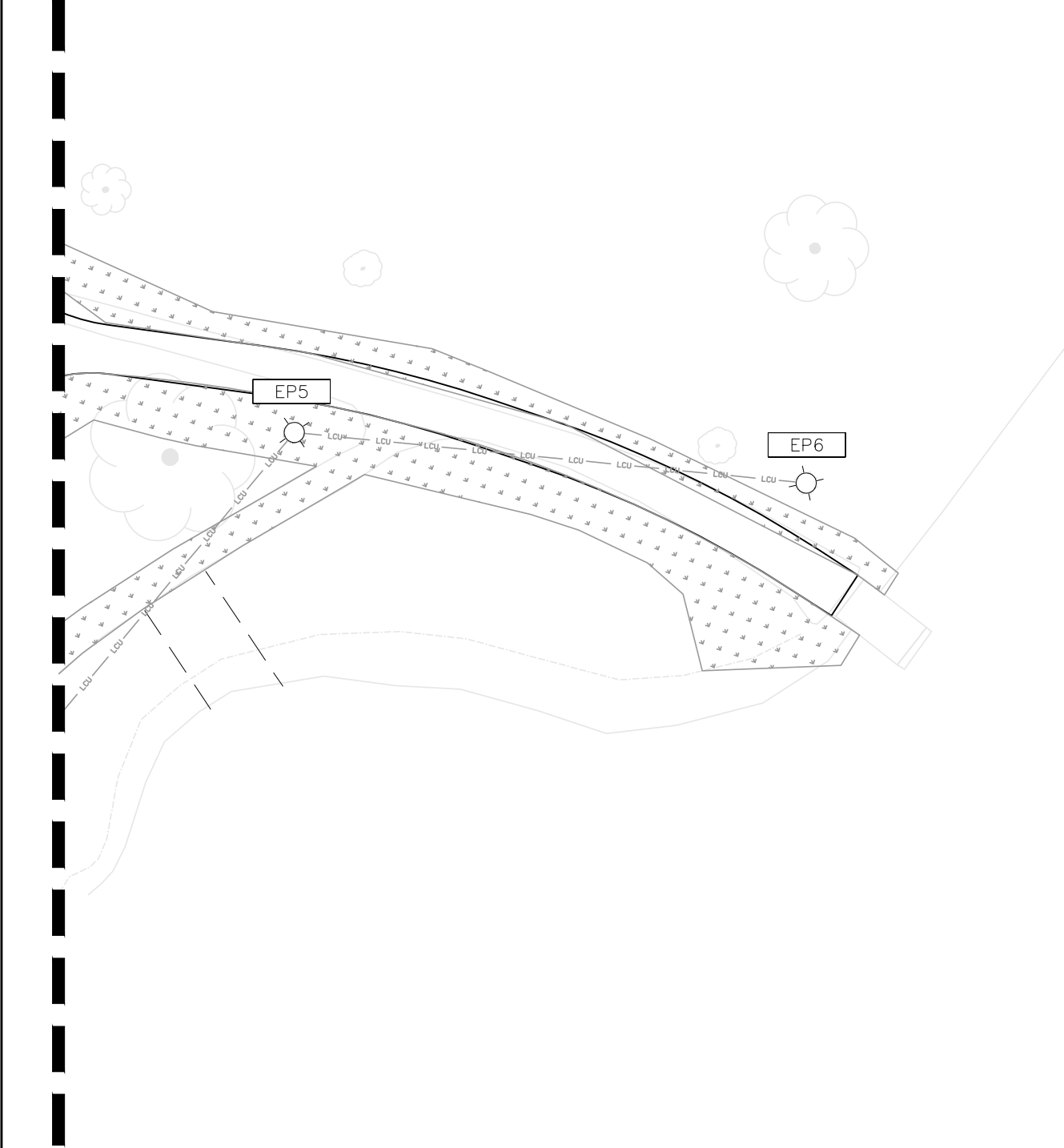
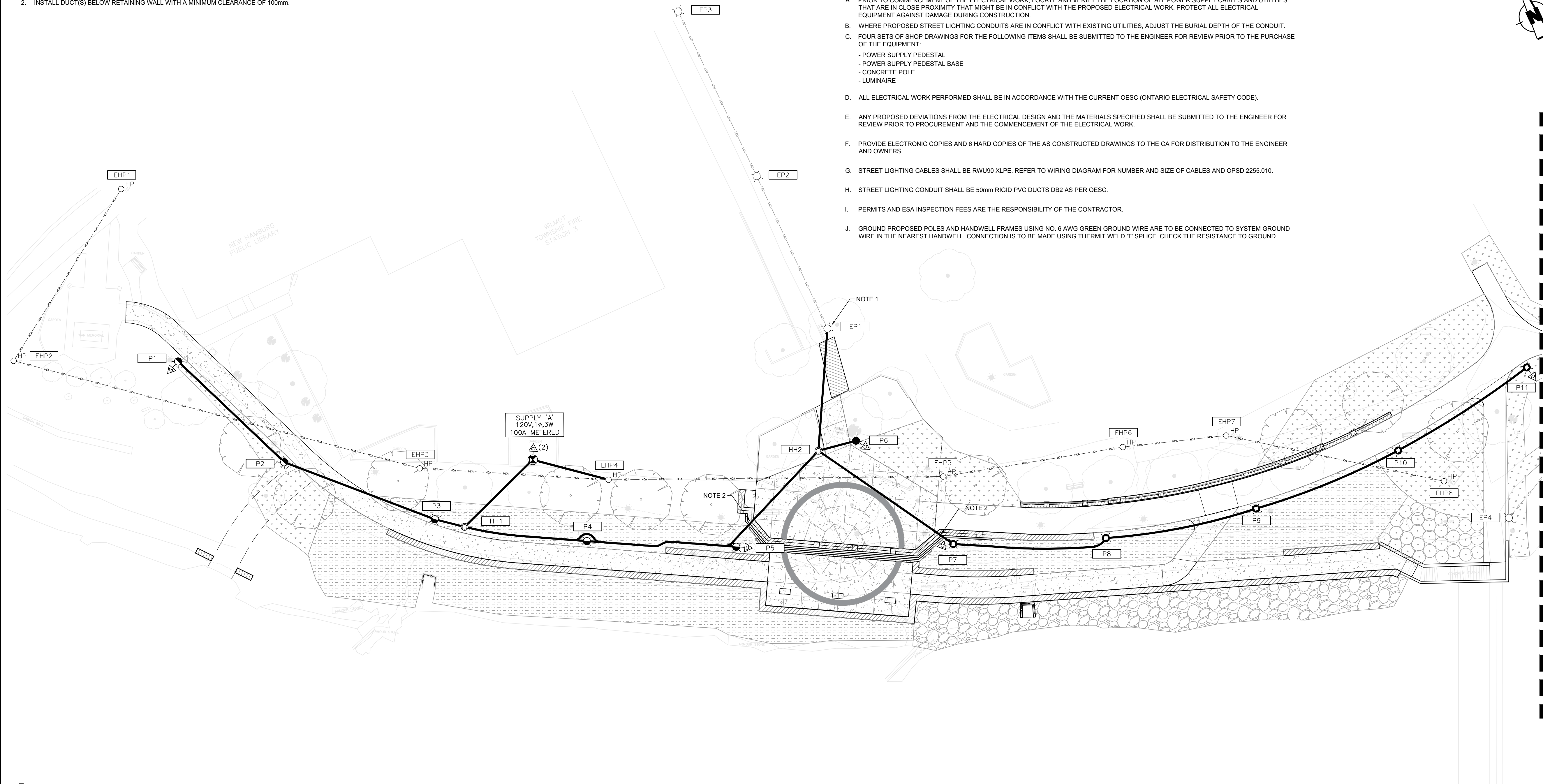
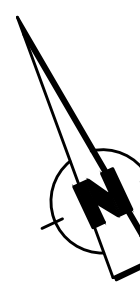
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| DESIGNED | BVV | DRAWN | NM | CHECKED | AG |
| SCALE | 1:200 | DATE | JANUARY 2022 | | |
| PROJECT NUMBER | | DWG. NUMBER | | | |
| 211-05070-00 | | L-610 | | | |

LAYOUT NOTES:

- BREAK INTO EXISTING POLE FOOTING AND CONNECT NEW DUCT. SPLICE CABLES IN POLE HANDHOLE.
- INSTALL DUCT(S) BELOW RETAINING WALL WITH A MINIMUM CLEARANCE OF 100mm.

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.



| 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 | 4802832.9498 | 523291.0610 | GROUND ROD |
| NEW HAMBURG TRAIL | P2 | 4802817.4500 | 523297.0330 | - |
| NEW HAMBURG TRAIL | P3 | 4802804.2552 | 523309.6837 | - |
| NEW HAMBURG TRAIL | P4 | 4802794.6190 | 523324.2189 | - |
| NEW HAMBURG TRAIL | P5 | 4802786.7580 | 523339.2580 | GROUND ROD |
| NEW HAMBURG TRAIL | P6 | 4802791.7990 | 523356.7010 | GROUND ROD |
| NEW HAMBURG TRAIL | P7 | 4802776.4750 | 523361.6410 | GROUND ROD |
| 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 | 4802802.0322 | 523312.3779 | - |
| NEW HAMBURG TRAIL | HH2 | 4802790.1238 | 523357.8048 | - |
| NEW HAMBURG TRAIL | SUPPLY 'A' | 4802805.5887 | 523322.6292 | GROUND ROD (2) |

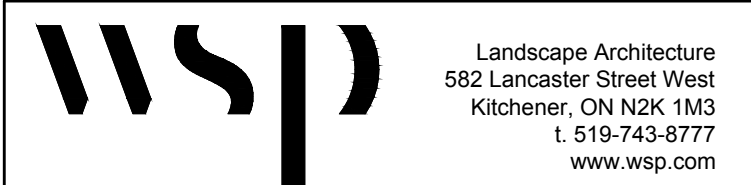
| POLE ASSEMBLIES | | | | |
|-----------------|---------------------------|-------------------|---|----------|
| POLE NO. | POLE DESCRIPTION | LUMINAIRE BRACKET | LUMINAIRE | COMMENTS |
| P1 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK | - |
| P2 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK | - |
| P3 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK | - |
| P4 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK | - |
| P5 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK | - |
| P6 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-60 (SSL)-1036-120-K13-PR-3K-BK | - |
| P7 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK | - |
| P8 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK | - |
| P9 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK | - |
| P10 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK | - |
| P11 | KBH14-G-S11 C/W 140-30/30 | POST TOP | K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK | - |

KEY MAP

LEGEND

- 25W LED, 3000K, TYPE III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE
CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
- 40W LED, 3000K, TYPE V, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE
CATALOG NO: K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
- 60W LED, 3000K, TYPE V, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE
CATALOG NO: K118R-B3AR-V-60 (SSL)-1036-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
19R 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 LIGHTING CABLES IN DUCT(S)
- EXISTING UNDERGROUND LIGHTING CABLES
- EXISTING AERIAL HYDRO CABLES
- EXISTING UNDERGROUND POWER CABLES
- POLE IDENTIFICATION NUMBER
- REMOVAL IDENTIFICATION NUMBER
- ELECTRICAL REMOVAL

| 2 | 2022/06/10 | 100% SUBMISSION | RL | TT |
|----|------------|-----------------|----|------|
| 1 | 2022/03/03 | 90% SUBMISSION | RL | TT |
| NO | DATE | REVISION/ISSUED | BY | APPD |



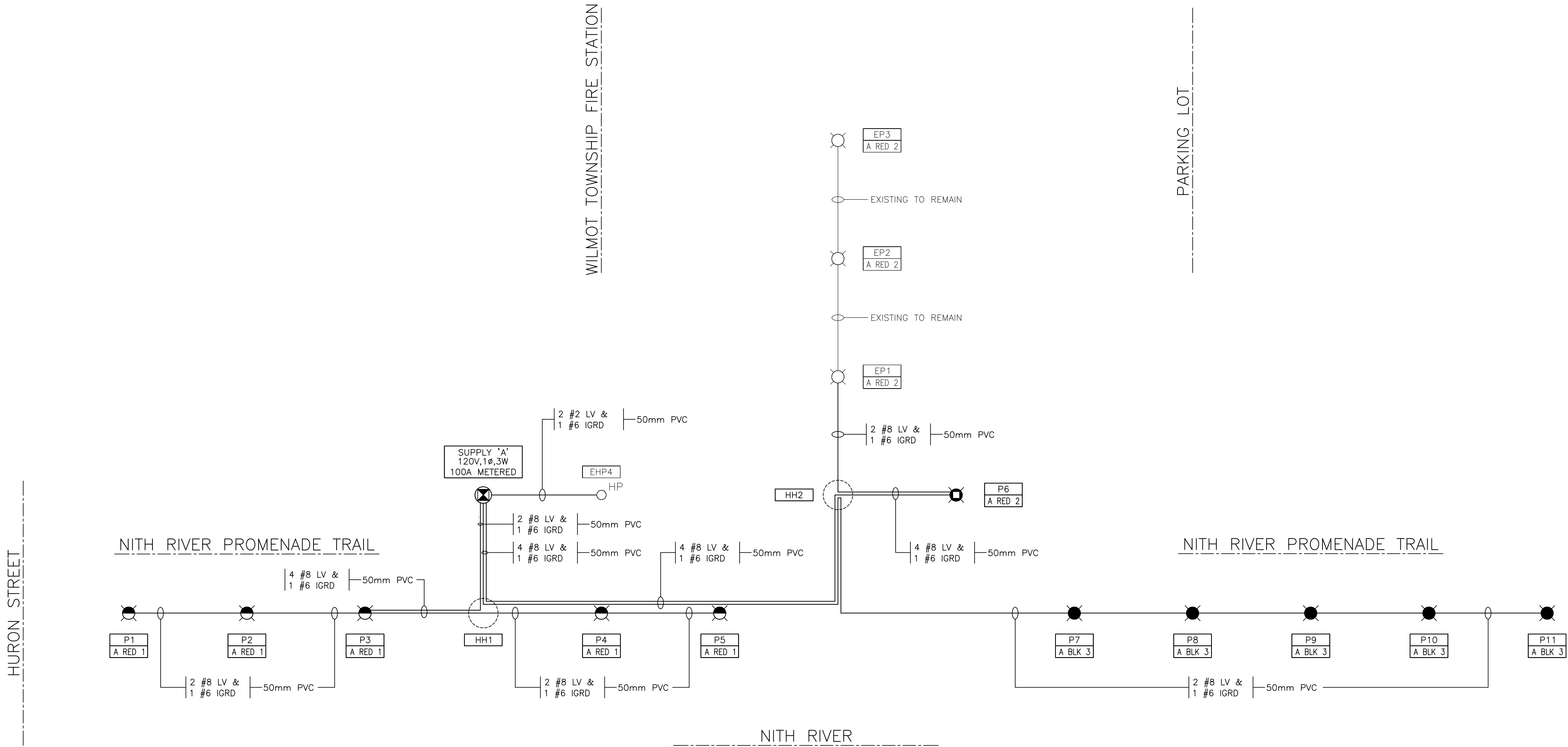
CLIENT:
TOWNSHIP OF WILMOT
60 SNYDER'S ROAD WEST
BADEN, ON N3A 1A1

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 |
| SCALE 1:250 | CHECKED TT |
| PROJECT NUMBER | DATE JUNE 2022 |
| 211-05070-00 | DWG. NUMBER |
| | E-100 |



| LOAD SUMMARY TABLE SUPPLY 'A' 120V, 1Ø, 3W, 100A, METERED | | | | | | | | |
|---|-----------------|----------------------|-------------------|-----------------------------|-----------------------------|-------------------|---------------------------------|--------------------------------|
| SUB-TOTAL LOAD * (WATTS) | LOAD (WATTS) | LOAD DESCRIPTION | CIRCUIT NUMBER | BREAKER AMPERE RATING | BREAKER AMPERE RATING | CIRCUIT NUMBER | LOAD DESCRIPTION | SUB-TOTAL LOAD * (WATTS) |
| 125 | 5x25 | P1, P2, P3, P4, P5 | RED 1 | 30A | 30A | RED 2 | EP1, EP2, EP3, P6 (3x50)+(1x60) | 210 |
| 200 | 5x40 | P7, P8, P9, P10, P11 | BLK 3 | 30A | 30A | BLK 4 | SPARE | — |
| — | — | SPARE | RED 5 | 30A | 30A | RED 6 | SPARE | — |
| — | — | SPARE | BLK 7 | 30A | 30A | BLK 8 | SPARE | — |
| SUB TOTAL RED PHASE = 335W SUB TOTAL BLACK PHASE = 200W TOTAL LOAD = 535W | | | | | | | | |

KEY MAP

LEGEND

- 25W LED, 3000K, TYPE III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK MH: 4.3m LLF: 0.80 19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
- 40W LED, 3000K, TYPE V, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK MH: 4.3m LLF: 0.80 19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
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- EXISTING LIGHTING POLE AND LUMINAIRE
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- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED PAD-MOUNTED POWER SUPPLY CABINET
- EXISTING POWER SUPPLY CABINET
- PROPOSED GROUND ROD
- PROPOSED LIGHTING CABLES IN DUCT(S)
- EXISTING UNDERGROUND LIGHTING CABLES
- EXISTING AERIAL HYDRO CABLES
- EXISTING UNDERGROUND POWER CABLES
- POLE IDENTIFICATION NUMBER
- REMOVAL IDENTIFICATION NUMBER
- ELECTRICAL REMOVAL

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| 2 | 2022/06/10 | 100% SUBMISSION | RL | TT |
| 1 | 2022/03/03 | 90% SUBMISSION | RL | TT |
| NO | DATE | REVISION/ISSUED | BY | APPD |

Landscape Architecture
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CLIENT:
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PROJECT TITLE:
NEW HAMBURG
NITH RIVER PROMENADE
SP #

SITE ADDRESS:
BETWEEN GRCA DAM
AND HARTMAN BRIDGE

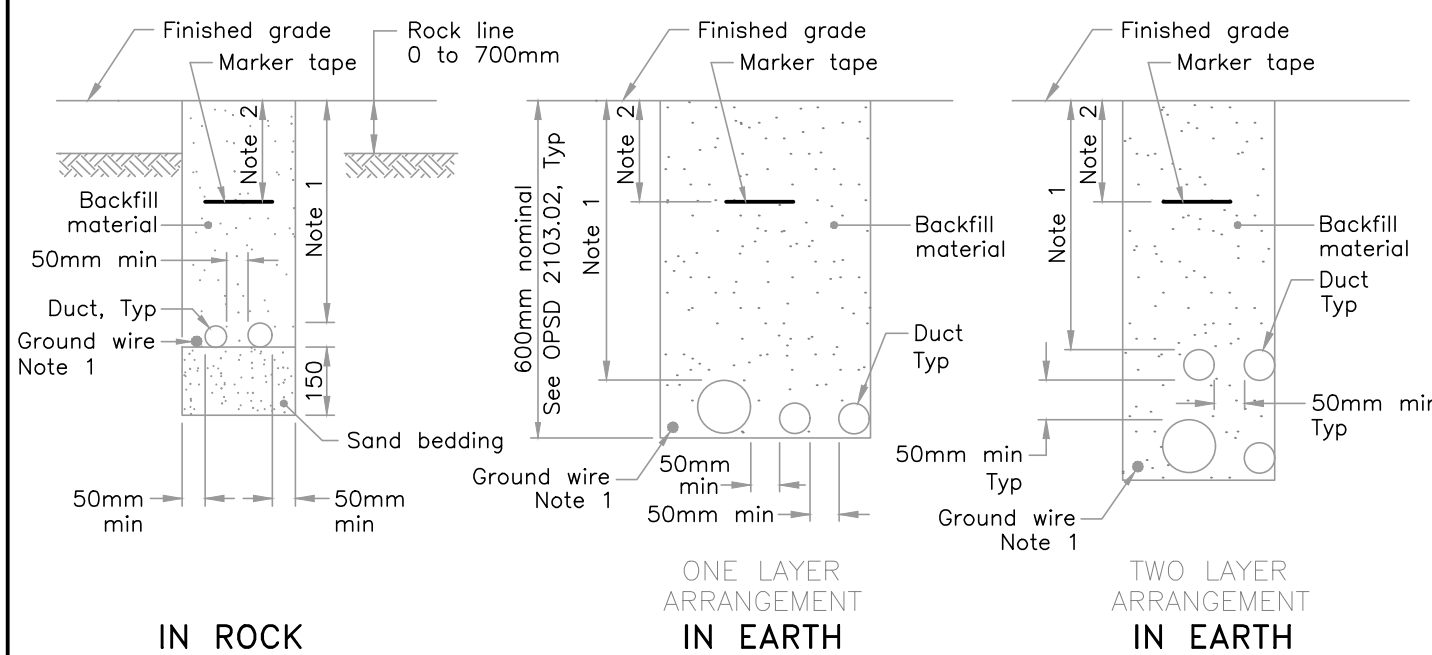
WIRING DIAGRAM

STAMP

| | | | | | |
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| DESIGNED | RL | DRAWN | JS | CHECKED | TT |
| SCALE | N.T.S. | DATE | JUNE 2022 | | |
| PROJECT NUMBER | | DWG. NUMBER | | | |
| 211-05070-00 | | E-200 | | | |

MINIMUM TRENCH WIDTH FOR ONE LAYER AND TWO LAYER DUCT ARRANGEMENT

| No. OF 100 mm DUCTS | No. OF LAYERS | NUMBER OF 50 mm DUCTS | | | | | | | | | | |
|---------------------------|------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0 | 1 | N/A | 150 | 205 | 300 | 460 | 610 | N/A | N/A | N/A | N/A | N/A |
| | 2 | N/A | N/A | N/A | N/A | 205 | 300 | 350 | 460 | 610 | 610 | 610 |
| 1 | 1 | 150 | 255 | 460 | 610 | 610 | N/A | N/A | N/A | N/A | N/A | N/A |
| | 2 | N/A | N/A | 205 | 255 | 300 | 460 | 460 | 610 | 610 | 610 | N/A |
| 2 | 1 | 300 | 460 | 610 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 2 | 150 | 255 | 255 | 460 | 460 | 610 | 610 | 610 | 610 | N/A | N/A |
| 3 | 1 | 460 | 610 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 2 | 300 | 300 | 460 | 460 | 610 | 610 | 610 | N/A | N/A | N/A | N/A |
| 4 | 1 | 610 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | 2 | 300 | 460 | 460 | 610 | 610 | N/A | N/A | N/A | N/A | N/A | N/A |

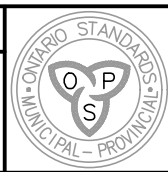


NOTES:

- Ground wire shall be installed in the duct or trench as specified in the Contract Documents.
- Depth of marker tape shall be as specified in the Ontario Electrical Safety Code.
- Cable brick or concrete slab shall be installed where specified in the Contract Documents. See OPSD 2100.050.
- This OPSD shall be read in conjunction with OPSD 2103.02.
- Contractor has the option of installing one or two layer duct arrangement.
- N/A – Not Applicable, undesirable or exceeding equipment limits.
- All dimensions are in millimetres unless otherwise shown.

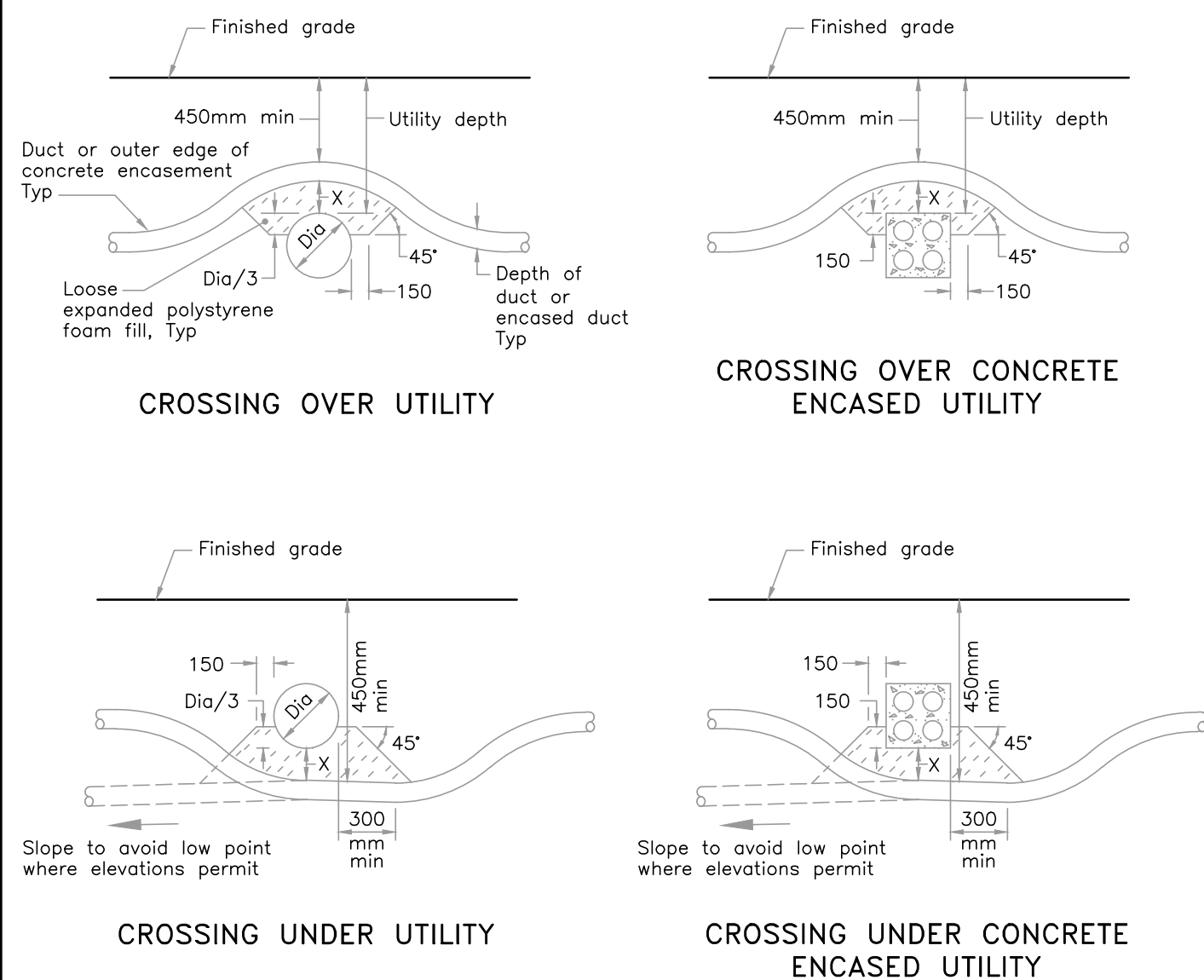
ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2013 Rev 1



DUCT INSTALLATION IN TRENCHES

OPSD 2101.01



NOTES:

- The required clearance between the utility and the ducts or concrete encasement shall be as follows:
- | UTILITY | X
mm min |
|---------------------------------|-------------|
| Ducts, direct buried or encased | 100 |
| All other pipes | 300 |
| High voltage cables | 300 |
| All other cables | 300 |
- Trench widths shall be kept to the minimum required for working space. Manual excavation and backfill methods shall be used with the utility supported in place, when required, when crossing under a utility is necessary.
 - All dimensions are in millimetres unless otherwise shown.

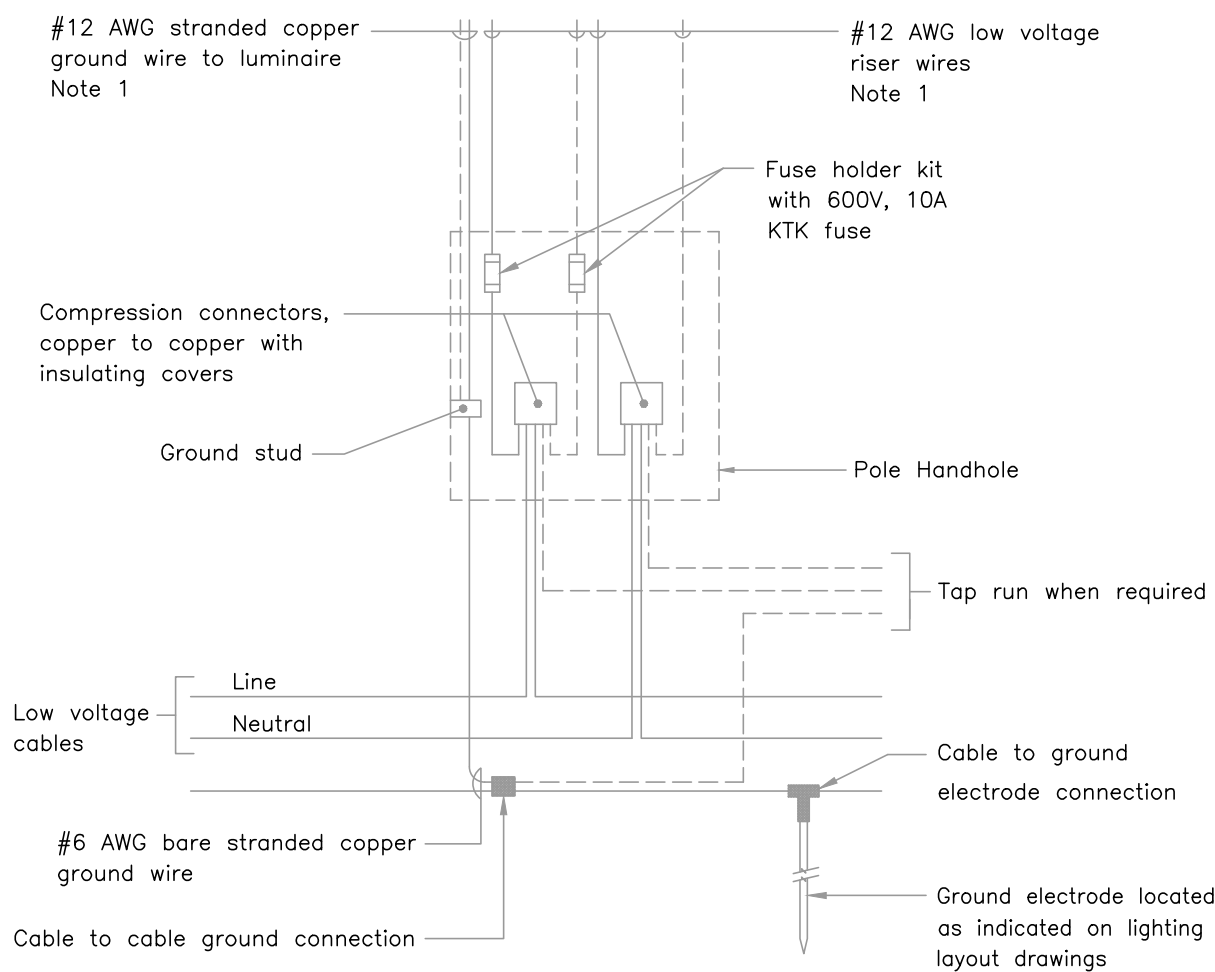
ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2015 Rev 0



DUCT INSTALLATION AT UTILITY CROSSINGS

OPSD 2103.050

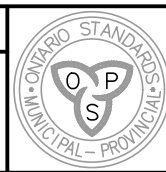


NOTE:

- Broken lines indicate additional conductors for double luminaire installation.

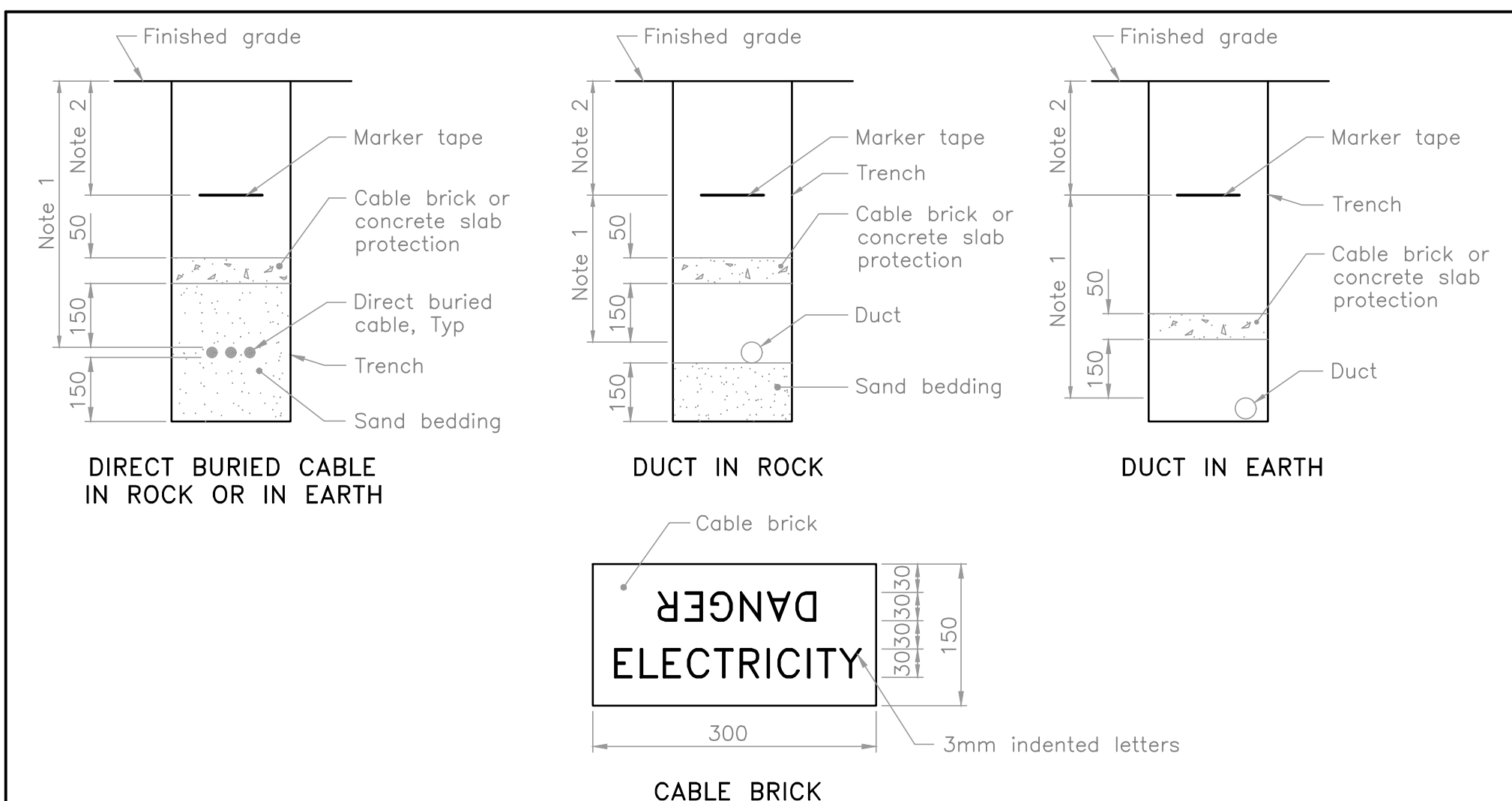
ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2013 Rev 1



POLE WIRING DIAGRAM 120V SYSTEM

OPSD 2255.010



NOTES:

- Depth of cable or duct shall be as specified in the Ontario Electrical Safety Code.
- Depth of marker tape shall be as specified in the Ontario Electrical Safety Code.

- This OPSD shall be read in conjunction with OPSD 2100.010 and 2101.01.
- All dimensions are in millimetres unless otherwise shown.

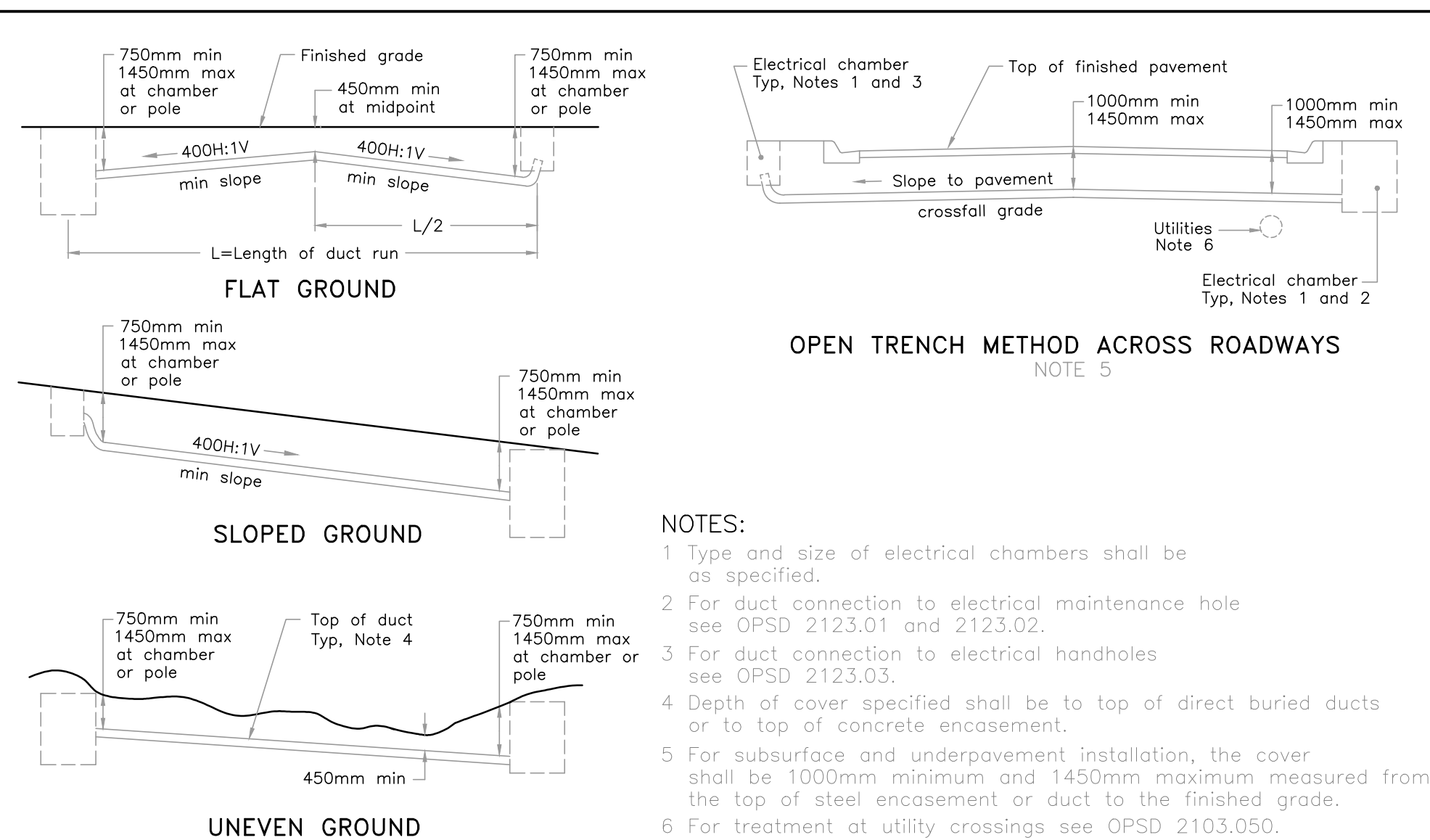
ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2013 Rev 0



CABLE AND DUCT PROTECTION AND MARKING

OPSD 2100.050



NOTES:

- Type and size of electrical chambers shall be as specified.
 - For duct connection to electrical maintenance hole see OPSD 2123.01 and 2123.02.
 - For duct connection to electrical handholes see OPSD 2123.03.
 - Depth of cover specified shall be to top of direct buried ducts or to top of concrete encasement.
 - For subsurface and underpavement installation, the cover shall be 1000mm minimum and 1450mm maximum measured from the top of steel encasement or duct to the finished grade.
 - For treatment at utility crossings see OPSD 2103.050.
- A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2015 Rev 1



DUCT INSTALLATION PROFILES

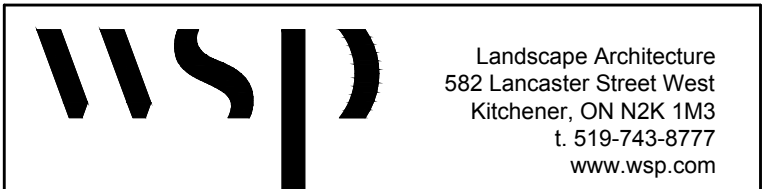
OPSD 2103.02

KEY MAP

LEGEND

- 25W LED, 3000K, TYPE III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK MH: 4.3m LLF: 0.80 19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
- 40W LED, 3000K, TYPE V, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK MH: 4.3m LLF: 0.80 19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
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- EXISTING LIGHTING POLE AND LUMINAIRE
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- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED PAD-MOUNTED POWER SUPPLY CABINET
- EXISTING POWER SUPPLY CABINET
- PROPOSED GROUND ROD
- PROPOSED LIGHTING CABLES IN DUCT(S)
- EXISTING UNDERGROUND LIGHTING CABLES
- EXISTING AERIAL HYDRO CABLES
- EXISTING UNDERGROUND POWER CABLES
- POLE IDENTIFICATION NUMBER
- REMOVAL IDENTIFICATION NUMBER
- ELECTRICAL REMOVAL

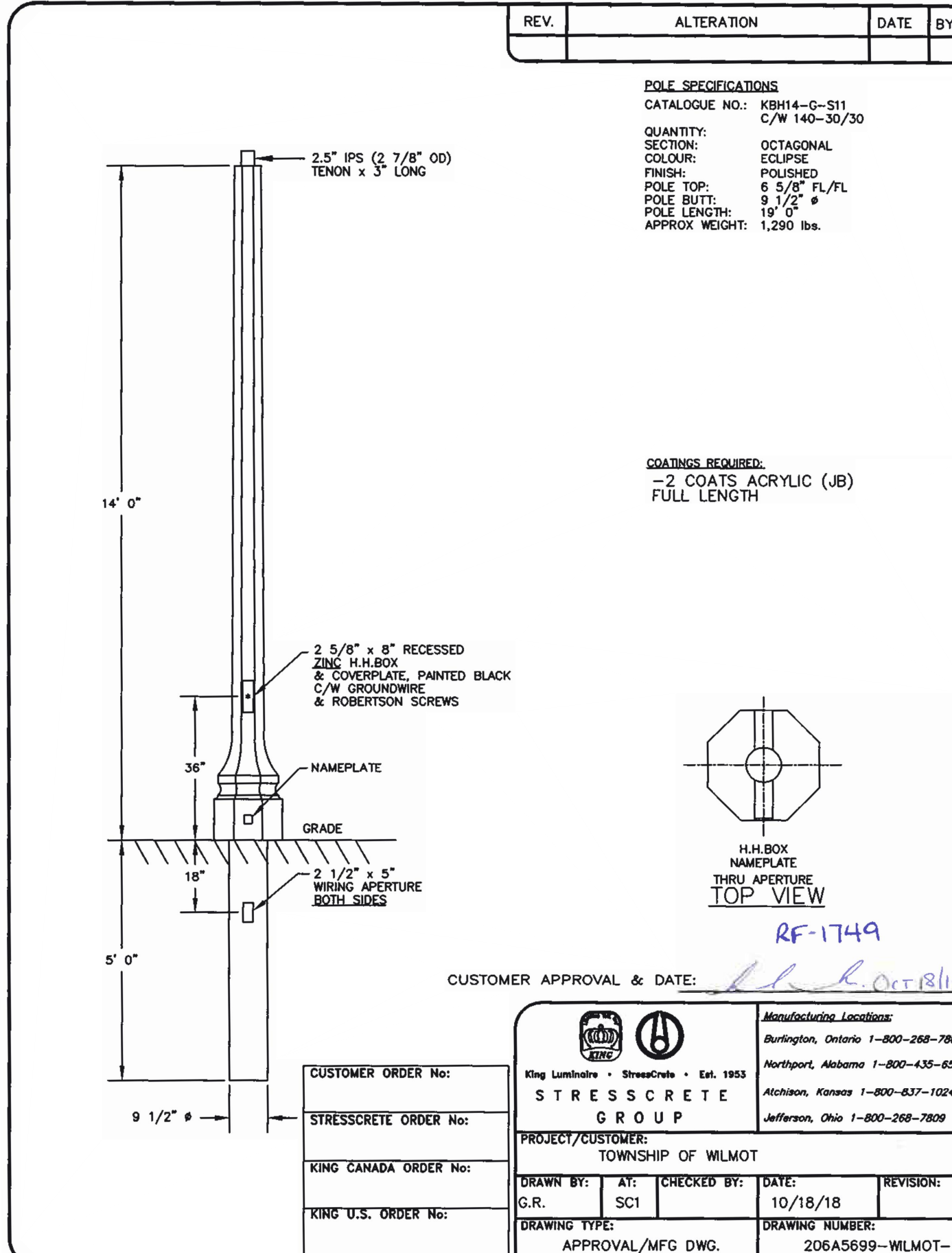
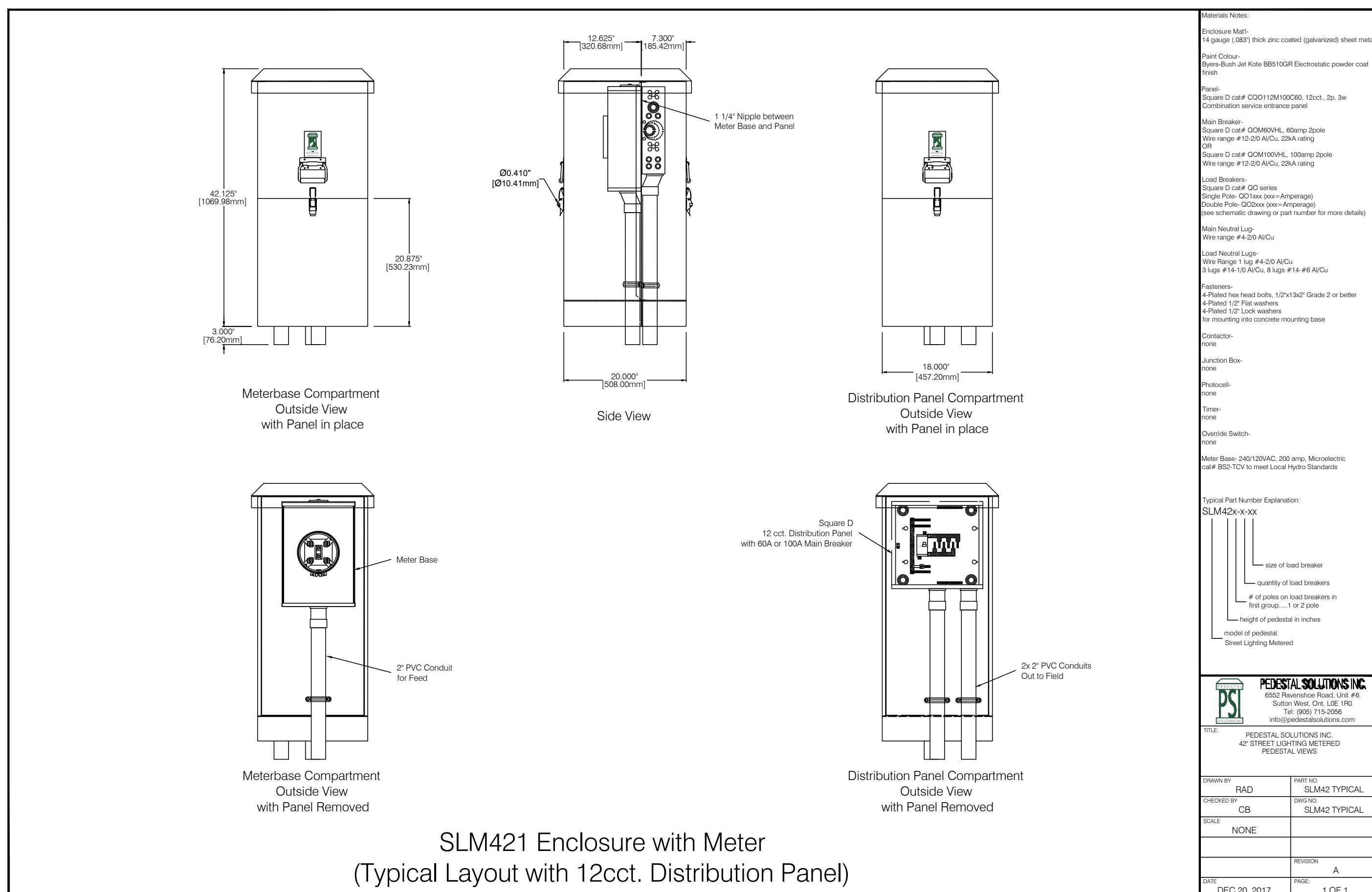
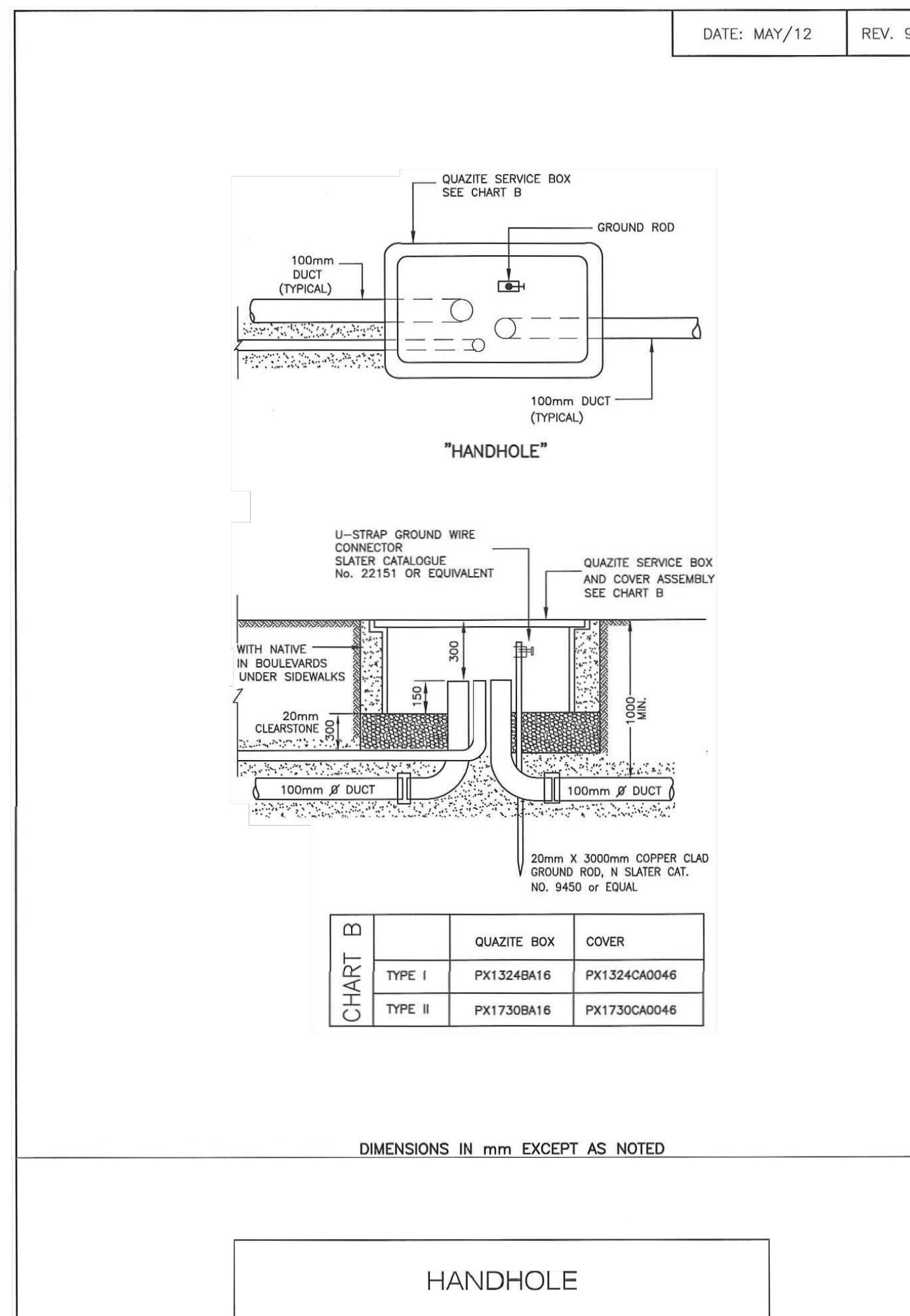
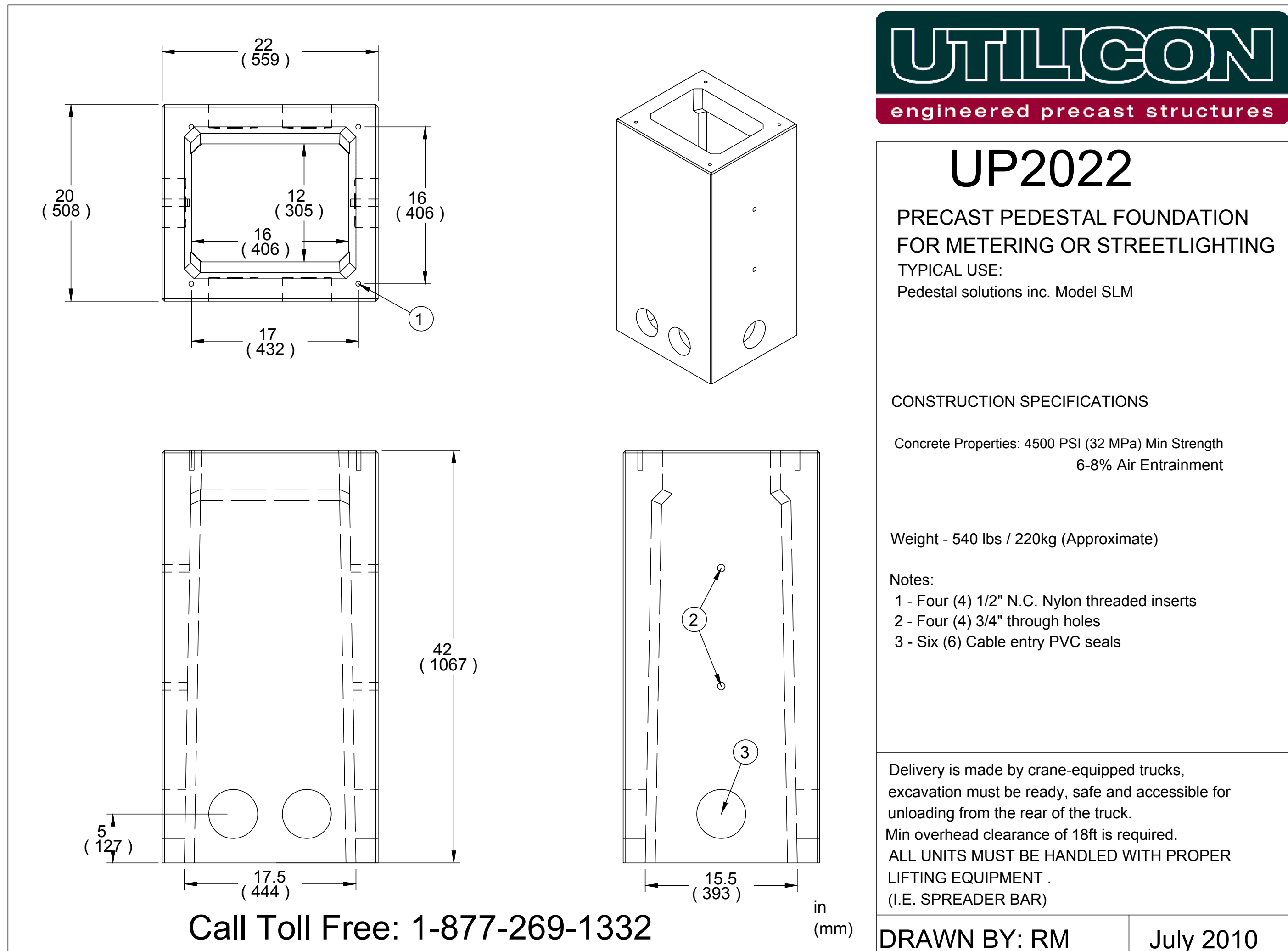
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| 2 | 2022/06/10 | 100% SUBMISSION | RL | TT |
| 1 | 2022/03/03 | 90% SUBMISSION | RL | TT |
| NO | DATE | REVISION/ISSUED | BY | APPD |



| | |
|----------------|--|
| 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 |

ELECTRICAL DETAILS - I

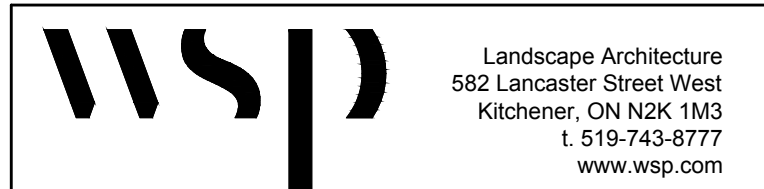
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| | | | STAMP | |
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| DESIGNED RL | | DRAWN JS | CHECKED TT | |
| SCALE N.T.S. | | DATE | JUNE 2022 | |
| PROJECT NUMBER | | | DWG. NUMBER | |
| 211-05070-00 | | | E-300 | |



KEY MAP

LEGEND

- 25W LED, 3000K, TYPE III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE
CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
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CATALOG NO: K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
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CATALOG NO: K118R-B3AR-V-60 (SSL)-1036-120-K13-PR-3K-BK
MH: 4.3m LLF: 0.80
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- EXISTING UNDERGROUND POWER CABLES
- POLE IDENTIFICATION NUMBER
- REMOVAL IDENTIFICATION NUMBER
- ELECTRICAL REMOVAL



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

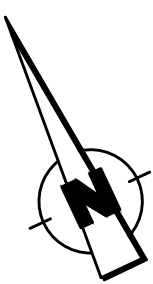
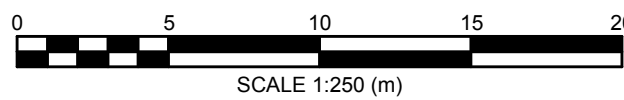
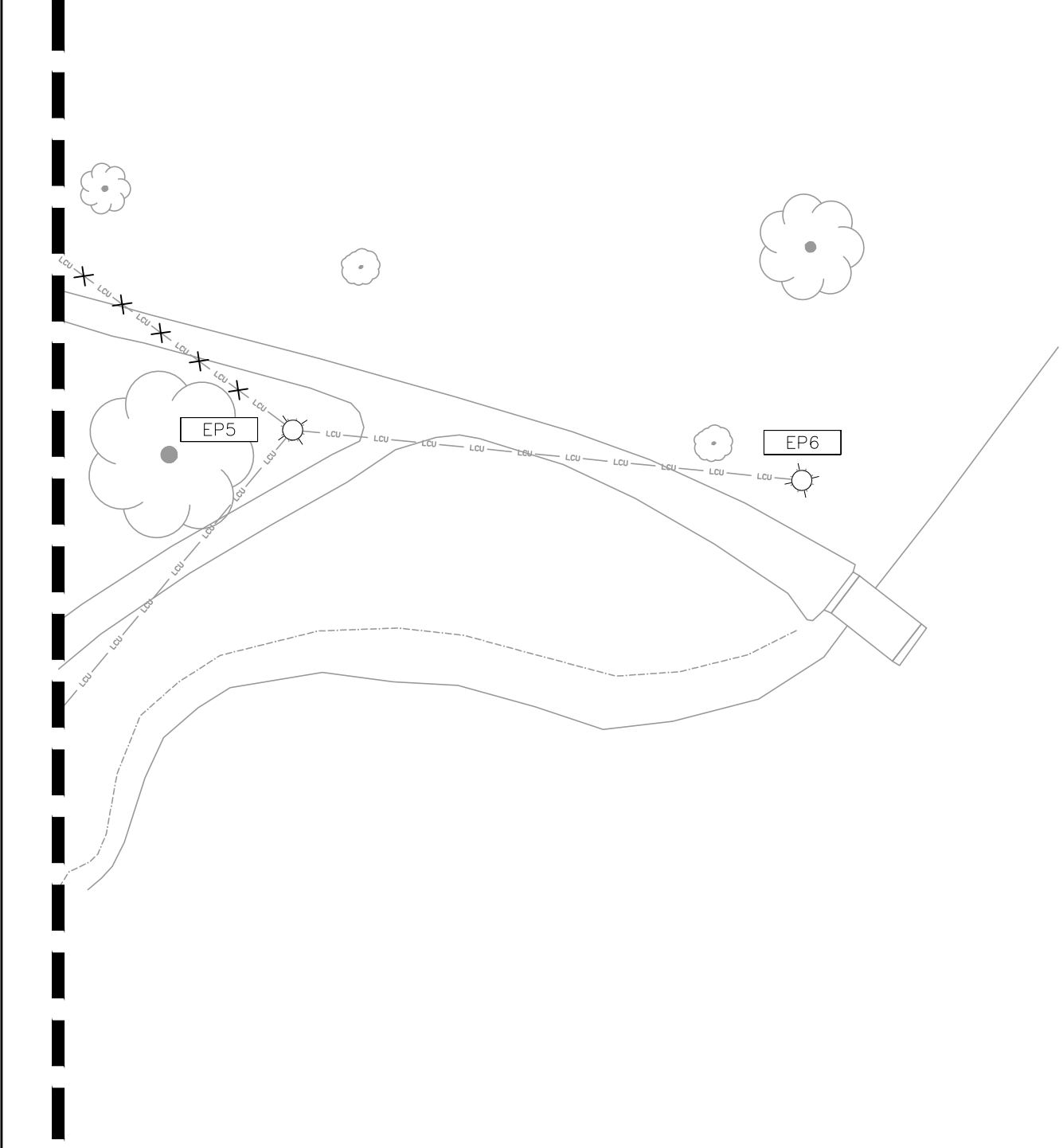
PROJECT TITLE:
NEW HAMBURG
NITH RIVER PROMENADE
SP #

SITE ADDRESS:
BETWEEN GRCA DAM
AND HARTMAN BRIDGE




















ELECTRICAL DETAILS - II

| | | |
|------------------------------------|--------------------------|-------------------|
| STAMP | | |
| DESIGNED RL | DRAWN JS | CHECKED TT |
| SCALE N.T.S. | DATE JUNE 2022 | |
| PROJECT NUMBER 211-05070-00 | DWG. NUMBER E-400 | |

- A. THE CONTRACTOR IS TO CONTACT THE APPROPRIATE HYDRO AUTHORITY FOR ALL CONNECTIONS TO AND/OR DISCONNECTIONS FROM POWER. INSTALLATION OF THE POWER SUPPLY AND THE POWER CONNECTION MUST BE COMPLETED VERY EARLY IN THE CONTRACT TO ENSURE THERE IS NO DELAY TO THE ILLUMINATION TURN ON.
- B. ALL HOLES LEFT FROM THE REMOVAL OF THE CONCRETE POLE BASES AND HANDWELLS ARE TO BE FILLED WITH GRANULAR "A" COMPACTED TO 100% STANDARD PROCTOR DENSITY OR EARTH COMPACTED TO 95% OF M.D.D. DEPENDING ON WHAT THE LOCAL MATERIAL IS, UNLESS OTHERWISE NOTED.
- C. ALL CONDUIT THAT IS TO BE ABANDONED, UNDER THE EXISTING ROAD, MUST BE PLUGGED USING THE CONDUIT MANUFACTURER'S PLUGS.
- D. ALL REMOVED EQUIPMENT INCLUDING POLES, LUMINAIRES, AND CONCRETE FOOTINGS SHALL BE DISPOSED OFF SITE.



LEGEND

- | | |
|---|---|
|  | 25W LED, 3000K, Type III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-K13-PR-3K-BK MH-4.3m L/F: 0.80 |
|  | 15ft OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE |
|  | 40W LED, 3000K, Type V, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B3AR-V-40 (SSL)-1036-120-K13-PR-3K-BK MH-4.3m L/F: 0.80 |
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|  | EXISTING UNDERGROUND POWER CABLES |
|  | POLE IDENTIFICATION NUMBER |
|  | REMOVAL IDENTIFICATION NUMBER |
|  | ELECTRICAL REMOVAL |

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| 2 | 2022/06/10 | 100% SUBMISSION | RL | TT | |
| 1 | 2022/03/03 | 90% SUBMISSION | RL | TT | |
| NO | DATE | REVISION/ISSUED | BY | APPD | |



Landscape Architecture
82 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
WITH RIVER PROMENADE
SP #

SITE ADDRESS:

BETWEEN GRCA DAM
AND HARTMAN BRIDGE

DRAWING TITLE:

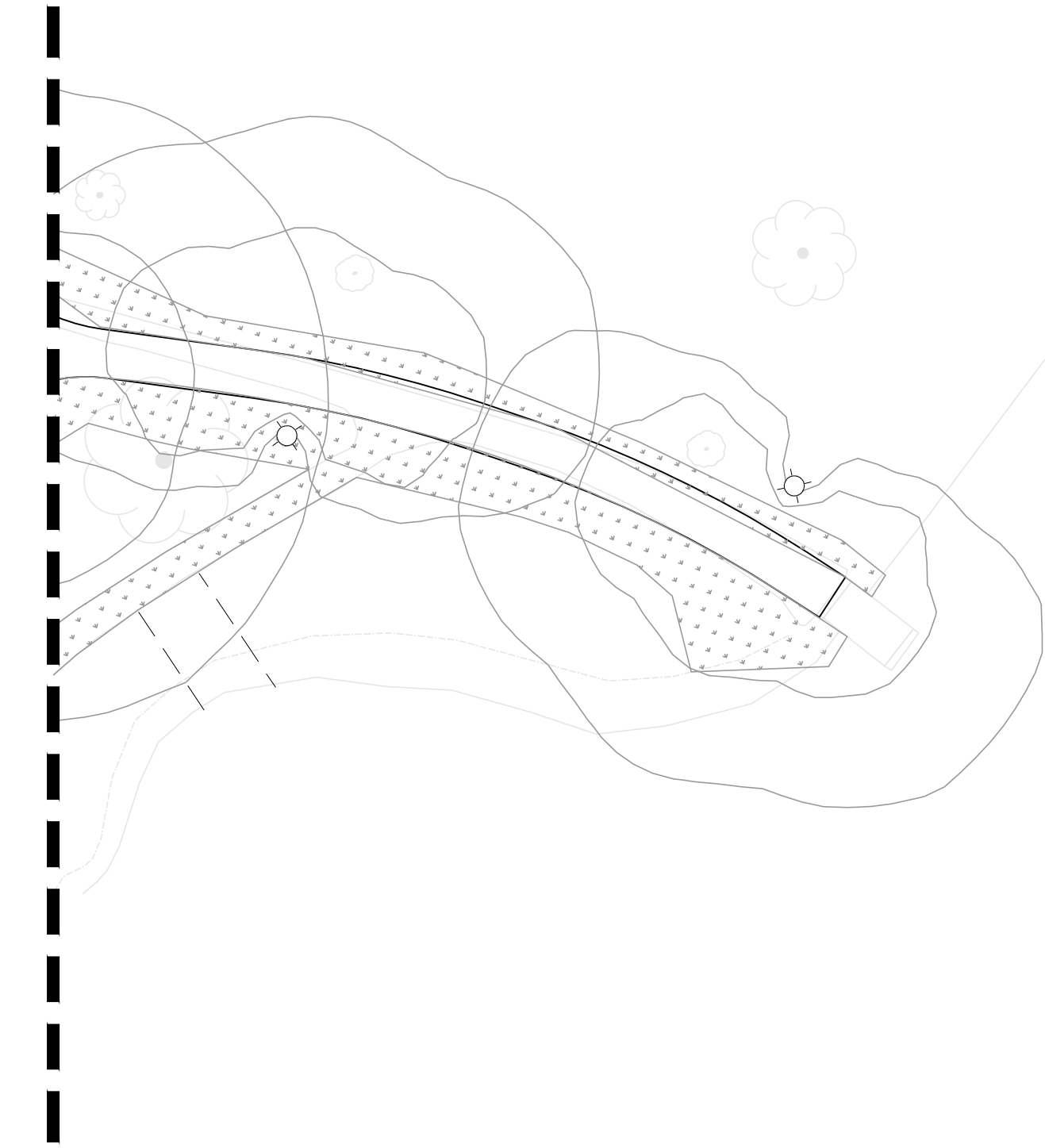
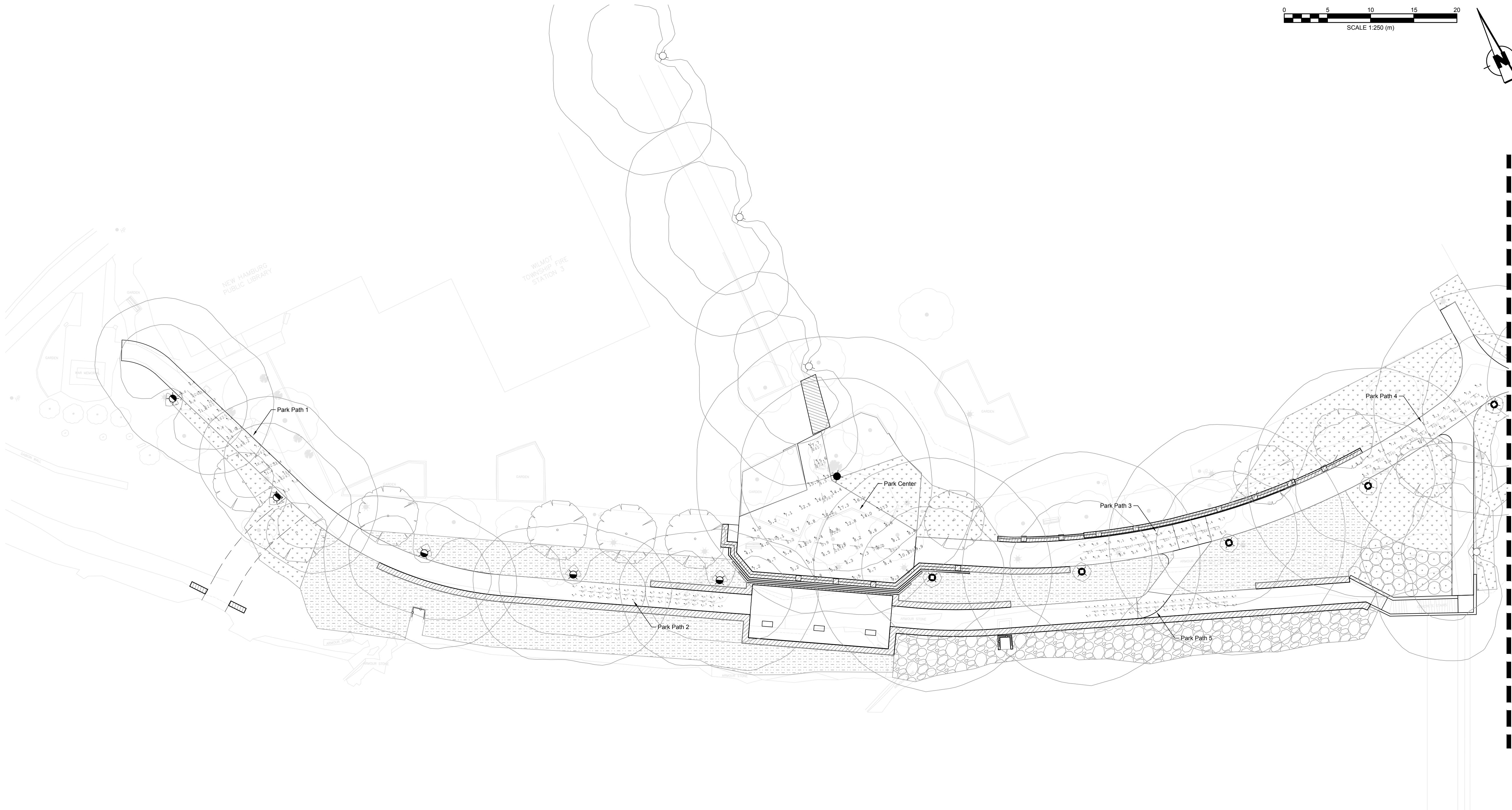
ELECTRICAL REMOVALS

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| DESIGNED | RL | DRAWN | JS | CHECKED | TT |
| SCALE 1:250 | | | DATE JUNE 2022 | | |
| PROJECT NUMBER | | | DWG. NUMBER | | |
| 211 05070 00 | | | E 500 | | |

| REMOVALS | |
|-----------------------|-----------------------------|
| POLE OR STRUCTURE NO. | DESCRIPTION OF REMOVALS |
| R1 | POLE, LUMINAIRE AND FOOTING |
| R2 | POLE, LUMINAIRE AND FOOTING |
| R3 | POLE, LUMINAIRE AND FOOTING |
| R4 | POLE, LUMINAIRE AND FOOTING |
| R5 | POLE, LUMINAIRE AND FOOTING |
| R6 | POLE, LUMINAIRE AND FOOTING |
| R7 | POWER SUPPLY CABINET |
| R8 | POLE, LUMINAIRE AND FOOTING |
| R9 | POLE, LUMINAIRE AND FOOTING |
| R10 | POLE, LUMINAIRE AND FOOTING |
| R11 | POLE, LUMINAIRE AND FOOTING |
| R12 | POLE, LUMINAIRE AND FOOTING |
| R13 | POLE, LUMINAIRE AND FOOTING |
| R14 | POLE, LUMINAIRE AND FOOTING |
| R15 | POLE, LUMINAIRE AND FOOTING |



| Calculation Summary | | | | | | |
|------------------------|-------------|-------|-----|------|-----|---------|
| Horizontal Illuminance | | | | | | |
| Label | CalcType | Units | Avg | Max | Min | Avg/Min |
| Park Center | Illuminance | Lux | 9.1 | 17.7 | 4.0 | 2.3 |
| Park Path 1 | Illuminance | Lux | 8.4 | 11.4 | 4.0 | 2.1 |
| Park Path 2 | Illuminance | Lux | 8.8 | 13.1 | 5.7 | 1.6 |
| Park Path 3 | Illuminance | Lux | 7.1 | 9.2 | 5.6 | 1.3 |
| Park Path 4 | Illuminance | Lux | 7.6 | 9.6 | 6.2 | 1.2 |
| Park Path 5 | Illuminance | Lux | 4.6 | 7.9 | 3.5 | 1.3 |

| DESIGN CRITERIA - MEDIUM PEDESTRIAN CONFLICT AREAS | | | |
|---|--|--|-------------------------------------|
| STANDARD: IES RP-8-21, CHAPTER 11, SECTION 11.6.3, TABLE 11-2 | | | |
| RECOMMENDED DESIGN CRITERIA FOR WALKWAYS WITHIN ROAD RIGHT OF WAY | | | |
| LOCATION: NEW HAMBURG PROMENADE | | | |
| CONDITION | MINIMUM MAINTAINED AVERAGE HORIZONTAL ILLUMINANCE (LUX) | AVERAGE VERTICAL ILLUMINANCE AT 1.5M ABOVE PAVEMENT (LUX) | UNIFORMITY RATIO (AVG./MIN.)* |
| MEDIUM PEDESTRIAN ACTIVITY LEVEL | 5 | 2 | 5.0 |
| * HORIZONTAL ONLY | | | |

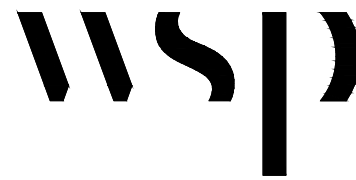
| Calculation Summary | | | | | |
|--------------------------|-------------|-------|------|------|-----|
| Vertical Illuminance | | | | | |
| Label | CalcType | Units | Avg | Max | Min |
| Park Center Vertical [E] | Illuminance | Lux | 8.0 | 12.3 | 4.6 |
| Park Center Vertical [N] | Illuminance | Lux | 14.5 | 29.9 | 4.1 |
| Park Center Vertical [S] | Illuminance | Lux | 8.9 | 27.9 | 1.5 |
| Park Center Vertical [W] | Illuminance | Lux | 3.2 | 7.2 | 0.9 |
| Park Path 1 Vertical [E] | Illuminance | Lux | 7.3 | 20.7 | 0.6 |
| Park Path 1 Vertical [W] | Illuminance | Lux | 7.4 | 21.5 | 0.4 |
| Park Path 2 Vertical [E] | Illuminance | Lux | 7.2 | 19.2 | 0.9 |
| Park Path 2 Vertical [W] | Illuminance | Lux | 7.4 | 21.9 | 0.4 |
| Park Path 3 Vertical [E] | Illuminance | Lux | 8.0 | 14.1 | 2.2 |
| Park Path 3 Vertical [W] | Illuminance | Lux | 7.9 | 14.5 | 2.1 |
| Park Path 4 Vertical [E] | Illuminance | Lux | 7.8 | 14.0 | 2.6 |
| Park Path 4 Vertical [W] | Illuminance | Lux | 8.4 | 15.0 | 2.7 |
| Park Path 5 Vertical [E] | Illuminance | Lux | 3.3 | 4.8 | 1.6 |
| Park Path 5 Vertical [W] | Illuminance | Lux | 4.8 | 7.6 | 1.7 |

KEY MAP

LEGEND

- 25W LED, 3000K, TYPE III, COLOUR BLACK, POST TOP LUMINAIRE C/W PHOTO RECEPTACLE BY KING LUMINAIRE CATALOG NO: K118R-B2AR-III-25 (SSL)-1042-120-K13-PR-3K-BK MH: 4.3m LLF: 0.80 19R OCTAGONAL CONCRETE, POLISHED, COLOUR ECLIPSE, DIRECT BURIED POLE, BY STRESSCRETE
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| 3 | 2022/06/10 | 100% SUBMISSION | RL | TT | |
| 2 | 2022/03/03 | 90% SUBMISSION | RL | TT | |
| 1 | 2022/01/28 | 60% SUBMISSION | RL | TT | |
| NO | DATE | REVISION/ISSUED | BY | APPD | |



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582 Lancaster Street West
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www.wsp.com

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:

LIGHTING CALCULATIONS

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|----------------|-------|-------------|-----------|---------|----|
| DESIGNED | RL | DRAWN | JS | CHECKED | TT |
| SCALE | 1:250 | DATE | JUNE 2022 | | |
| PROJECT NUMBER | | DWG. NUMBER | | | |
| 211-05070-00 | | E-600 | | | |

APPENDIX B: SUMMARY OF PUBLIC CONSULTATION

| | Comment | No. of Comments | Comment Origin |
|----|--|------------------------|-------------------------|
| 1 | Remove Dam | 1 | Business |
| 2 | Is flood mitigation included in the plan? | 4 | Business/ Community |
| 3 | Add barriers or rails for safety | 2 | Business/ Community |
| 4 | Reduce # of mature trees removed | 8 | Various |
| 5 | New Trees won't survive in that area and shade is provided in wrong direction | 4 | Community |
| 6 | Upgrade the west riverbank by waterwheel | 4 | Various |
| 7 | Connect upper and lower parking lots with a lane | 2 | Business & Community |
| 8 | Improve canoe launch area by continuing rip rap | 3 | Business |
| 9 | Include access point to weirs | 2 | Community |
| 10 | Extend path development to Kirkpatrick Park parking lot instead of foot bridge | 1 | Community |
| 11 | More naturalized shoreline | 1 | Community |
| 12 | Can pathways be more environmentally friendly ie wood chips | 1 | Business |
| 13 | More circular patterns and one circle area | 1 | Indigenous Community |
| 14 | Add safety equipment along bank | 1 | Community |
| 15 | Offer non-gender washrooms | 1 | Community |
| 16 | Include a shade structure for events | 1 | Community |

| | | | |
|----|--|---|-----------------------|
| 17 | Use welcome symbols, pride etc. | 1 | Indigenous Community |
| 18 | Include bird houses, butterfly area | 1 | Indigenous Community |
| 19 | include recycling bins | 1 | Indigenous Community |
| 20 | include flags / educational plaques | 1 | Indigenous Community |
| 21 | Does the commemorative bench stay | 1 | Committee |
| 22 | Will new lighting be blocked by trees | 1 | Committee |
| 23 | Should other projects be a higher priority? i.e., roads | 2 | Community |
| 24 | Need a high-water marker at dam | 1 | Community |
| 25 | Anchor stones and solid wall will contribute to heating the water. | 1 | Community |
| 26 | Increase vegetation - consider planting willow trees | 1 | Community |
| 27 | Leave it as it is but update lighting, seating and signage | 1 | Community |
| 28 | Use solar power for lighting | 2 | Community / Committee |
| 29 | Keep grassy hillside in place for shade and picnicking | 2 | Community / Committee |
| 30 | Use permeable surfaces for trails | 1 | Committee |



PUBLIC WORKS AND ENGINEERING

Staff Report

REPORT NO: PWE-2022-31

TO: Council

SUBMITTED BY: Jeff Molenhuis, P.Eng., Director of Public Works & Engineering

PREPARED BY: Chris Thorne, Supervisor of Operations – Water/Wastewater

REVIEWED BY: Sharon Chambers CAO
 Patrick Kelly CPA, CMA, Director of Corporate Services / Treasurer

DATE: June 27, 2022

SUBJECT: Award of Contract – Supply and Delivery of 1 (One) New
 Combination Sewer Flusher / Hydro Excavation Truck

RECOMMENDATION:

THAT RFP 2022-28 be awarded to FST Canada Inc. o/a Joe Johnson Equipment to supply and deliver one (1) new Combination Sewer Flusher / Hydro Excavation Truck as per their proposal dated May 30, 2022, in the base amount of \$637,203.00 plus HST; and further

THAT \$650,000 be incorporated within the 2023 Capital program, with proportional funding allocations from Development Charges and Infrastructure Reserve Funds.

SUMMARY:

This report outlines the proposal processes and recommends award of contract to the successful bidder for the Supply and Delivery of 1 (One) New Combination Sewer Flusher / Hydro Excavation Truck.

BACKGROUND:

The Combination Sewer Flusher / Hydro Excavation Truck is used for Public Works emergency and maintenance activities. The unit would be utilized in service delivery repairs for underground infrastructure, subsurface investigations, as well as preventative maintenance operations in the storm and sanitary infrastructure. The use of hydro-excavation allows for minimal impact, damage and disruption to the environment and other infrastructure when completing underground works.

Due to the length of time required to build and deliver this unit, the tender was issued in 2022; however, as with other major equipment with long delivery times, the funds will not be required until delivery in Q3/Q4 of 2023. As such, the RFP release timing was done in a manner to allow the municipality to plan timing of delivery and budget adequately for the unit.

REPORT:

On May 6th, 2022, the RFP document was made available online through the Township's e-bidding site. There was a total of six (6) document takers, with a total of six (6) proposals received at time of close on May 30th, 2022.

The proposal submissions were evaluated based upon the following three (3) criteria with weighting allocated to each:

- Overall Compliance with Specifications – 30%
- Warranty / Delivery Time – 40%
- Cost Proposal – 30%

| Bidder | Location |
|--------------------------|-------------------|
| Carrier Centers | London, Ontario |
| JD Brule Equip- Option A | Greely, Ontario |
| JD Brule Equip- Option B | Greely, Ontario |
| C.M. Equipment | Ajax, Ontario |
| FST Canada -Option A | Innisfil, Ontario |
| FST Canada -Option B | Innisfil, Ontario |

As a result, the proposal submission received from FST Canada Inc. o/a Joe Johnson Equipment, at a cost of \$637,203.00, plus HST, is compliant with the specifications outlined within the RFP documents, is the highest-ranking proposal and is recommended for award. References have been verified and appear to be satisfactory.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This initiative supports the goals and strategies of enhancing:

- Responsible Governance through Active Communications, Fiscal Responsibility, and Infrastructure Investments.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

Goal 9: Industry, Innovation, and Infrastructure
Goal 11: Sustainable Cities and Communities

FINANCIAL CONSIDERATIONS:

The 10-Year Capital Forecast included funding projections as outlined below:

| Funding Source | Amount |
|--|------------|
| Infrastructure Reserve Fund - Sanitary | \$ 435,000 |
| Development Charges – Sanitary | \$ 145,000 |
| Total Budget | \$ 580,000 |

Given the base cost proposal of \$648,418, net of HST rebate, the 2023 Budget would need to include additional funding of \$17,105 from DCs and \$51,313 from Infrastructure Reserve Funds to cover the budget shortfall. A portion of funding will be returned to reserve funds following the sale of the surplus vehicle. There may also be minor incidental costs to prepare the unit for integration into the fleet.

ATTACHMENTS:

None



PUBLIC WORKS AND ENGINEERING

Staff Report

REPORT NO: PWE 2022-27

TO: Council

SUBMITTED BY: Jeff Molenhuis, P. Eng., Director of Public Works & Engineering

PREPARED BY: Mark Jeffery, C.E.T. Senior Engineering Technologist

REVIEWED BY: Sharon Chambers, CAO
Patrick Kelly CPA, CMA Director of Corporate Services/ Treasurer

DATE: June 27, 2022

SUBJECT: Bridge Street Bridge 34B/T-9 Replacement – Award of Contract

RECOMMENDATION:

THAT Council award RFT 2022-06, Bridge Street Bridge 34B/T-9 Replacement to Sierra Bridge Inc. of Woodstock, Ontario as per their tender submission on June 7, 2022, in the amount of \$4,782,267.90, plus HST, and further,

THAT Council provide authorization to K. Smart & Associates to proceed with the Contract Administration & Project Management for the bridge replacement project with an additional fee of \$100,400 for construction activities, plus HST, and further,

THAT Council authorize the expenditure of up to \$93,000, plus HST, for Geotechnical Investigations and Environmental Works as required during the bridge replacement project, and further,

THAT Council authorize the Mayor and Clerk to enter into an agreement with the owner of 1210918 ONTARIO INC. for access to lands for construction management and temporary structure storage; and further

THAT Council direct staff to proceed with demolition of the structure after December 31, 2022 in the event suitable funding and donations cannot be found to relocate a portion of the bridge structure.

SUMMARY:

This report outlines the tender processes, project expenditures to date, funding sources and recommends award of contract to the successful bidder for the replacement of the Bridge Street Structure 34B/T-9.

BACKGROUND:

The Bridge Street Bridge – Structure No. 34/B-T9 is an older structure in the Township's Bridge Inventory. In recent years, it has been subject to extended closures from vehicle strikes and flood damage. A long-term solution for this structure was identified in past Ontario Structure Inspections (OSIM), where the Township's position has been to defer major capital costs until such time as higher levels of government would provide funding support.

As part of the Investing in Canada Infrastructure Program (ICIP), funding from the Provincial and Federal governments was confirmed in Q2 2020 for the EA, design, contract administration and construction to support the project, estimated at approximately \$3,537,500. Funding allows for an extended project window, with the project to be completed by October 2026.

At the January 17th, 2022, Council Meeting, PWE Report 2022-02 Bridge Street Structure No. 34/B-T9 Schedule "B" Class Environmental Assessment and Preliminary Design – Project File Report was submitted to Council summarizing the Environmental Assessment (EA) process to review and evaluate alternatives for Bridge 34B/T-9, with Council endorsing the report and preferred alternative. At that time, Council authorized K. Smart to proceed with detailed design and tendering based on provisional scope of services and costs provided within the original RFP for Environmental Assessment and preliminary design services. It was noted at that time that further refinement of engineering scope and cost of construction services would be required based on the final design and construction procedures required.

The Class EA Notice of Study Completion was placed on the public record for the 45-day waiting period after the above resolution was passed. No objections to the project were registered during the 45-day period. As such, the project proceeded with detailed design and was tendered in May of this year.

On March 28, 2022, PFRS 2022-13 Mike Schout Wetland Project Update contained the following resolutions:

THAT Staff be directed to explore the opportunity to relocate the side rails of the Bridge Street Bridge to the Mike Schout Wetlands; and further

THAT Staff be directed to work with Mr. Schout and Schout Corporation to seek sponsorship and/or donations to cover the cost of relocating and installing the Bridge Street Bridge side rails within the Wetlands; and

THAT staff be directed to report back to Council should sufficient funds be raised to include components of the Bridge Street Bridge in the Wetlands project design.

Considering the potential to relocate the bridge and outstanding questions with respect to funding, staff proceeded with a two-phased approach to the construction phase of the project. With further details being required before staff could formally consider moving the structure and knowing that specialized contractors would be required for these works, staff proceeded with separating parts of the work, and let the contract for removal and nearby storage of the existing bridge, and reconstruction of the new bridge as the first phase of the project. Staff worked with the adjacent landowner on an agreement that is attached to this report for Council authorization so that sufficient space was available for removal activities of the bridge, as well as a temporary location for storage while further plans for relocation bridge are explored.

Subject to Council approval, Phase 2 of the works will be the detailed scope and costs to relocate the bridge. Staff have been working with experienced contractors in the bridge structure relocation and rehabilitation business, and preliminary quotations were received that put the works in the \$500,000 to \$600,000 range as previously noted to Council. As such, staff are seeking direction from Council to consider a six-month period to raise funds to relocate the existing bridge structure. If a suitable site location has not been found or the necessary funds raised within this timing window, the bridge structure will be demolished, and staff will proceed with the creation of a plaque to be mounted at a suitable location, commemorating the existing bridge. The option to create a plaque was identified within the CHER/HIA document as a recommendation with respect to heritage of the original bridge.

REPORT:

On May 13, 2022, the tender document was made available online through the Township's e-bidding site. There was a total of thirty-four (34) plan takers, with a total of seven (7) bids received at time of close on June 7, 2022.

The lowest bid received was from Sierra Bridge Inc. of Woodstock, ON at a cost of \$4,782,267.90, plus HST. The low bidder has provided the appropriate bid bond documentation. References have been checked K. Smart & Associates and appear to be satisfactory. Results of the bids received are summarized below:

| Bidder | Location | Bid Amount |
|------------------------------------|--------------------|------------------------|
| Sierra Bridge Inc. | Woodstock, ON | \$ 4,782,267.90 |
| Premier Concrete Inc. | Londesborough, ON | \$ 5,111,567.59 |
| Looby Builders (Dublin) Limited | Stratford, ON | \$ 5,227,131.62 |
| McLean Taylor Construction Limited | St. Marys, ON | \$ 5,260,427.45 |
| Toronto Zenith Contracting Limited | Concord, ON | \$ 6,934,705.97 |
| HugoMB Contracting Inc. | Milton, ON | \$ 7,196,035.90 |
| Facca Incorporated | Ruscom Station, ON | \$ 7,240,734.70 |
| AVERAGE BID | | \$ 5,964,695.88 |

The above figures do not include HST. The bids include a \$150,000 contingency allowance to account for any unforeseen expenses encountered during construction.

The tendered costs are substantially higher than the project estimate as a result of significant cost increases for all of the building material components required for the new bridge structure, such as, structural steel and reinforcing bar, asphalt cement, dimensional lumber and plywood, concrete and fuel prices. The industry has also seen an overall increase in labour costs due to a shortage of labour within this sector.

Staff are recommending this scope of work to continue as the industry projects continued cost increases, with higher prices for construction works in general. This was verified through various other bridge contract results in other areas, which confirmed reconstruction prices continue to climb due generally to the items noted above. Additionally, this structure is located on a collector road function in the Township that provides a reliable road network to vehicles and equipment in the southwest quadrant of the Township. It is a key point for east-west movement, as noted within the ICIP funding arrangements with the Provincial and Federal government. As it is not expected in the near term that downward market adjustments will take place, and this structure is located on a key transportation link in the Township, staff are recommending moving forward with the reconstruction project.

With respect to engineering fees, the construction schedule previously bid for consulting services considered a 15-week schedule to set an even baseline for consultants to bid against. The detailed construction schedule will likely be in the range of 40 weeks; as such, there are additional engineering fees required to oversee construction; with bridge engineering in the range of \$100,400 for contract administration and project management, and \$93,000 for geotechnical field work and environmental work required during construction.

The construction schedule for this work is anticipated to be completed between July 2022 and November 2023 subject to the contractor's schedule. Due to in-water work restrictions, the bulk of the project work will not begin until after July 15th.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This initiative supports the goals and strategies of enhancing:

- Quality of Life through Active Transportation and Transit investments; and
- Responsible Governance through Active Communications, Fiscal Responsibility and Infrastructure Investments.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

- Goal 9: Industry, Innovation, and Infrastructure
- Goal 11: Sustainable Cities and Communities

FINANCIAL CONSIDERATIONS:

The approved funding sources, project expenditures to date, and future expenditures are identified below.

Project Expenditures

| Project Phase | Received to Date | Future Expenditures | Total |
|--|-------------------------|----------------------------|------------------------|
| Environmental Assessment, Design, Tendering, Contract Administration, Project Management | \$ 117,520.16 | \$ 177,992.49 | \$ 295,512.65 |
| Miscellaneous Project Costs, (Archaeological, Environmental, Geotechnical, CHER/HIA Studies) | \$ 70,939.92 | \$ 93,000.00 | \$ 163,939.92 |
| Bridge 34B/T-9 Replacement | \$ 0 | \$ 4,782,267.90 | \$ 4,782,267.90 |
| Anticipated Project Costs | | | \$ 5,241,720.47 |

The following funding sources were identified in the 2020 Capital Budget process for the environmental assessment, preliminary and detailed design, contract administration and construction of Bridge 34B/T-9.

| Funding Source | Total |
|--|---------------------|
| Investing in Canadian Infrastructure Program | \$ 2,947,799 |
| Development Charges – Public Works | \$ 589,701 |
| Total Funding | \$ 3,537,500 |

The award of tender for the replacement of the bridge structure coupled with additional consulting fees and miscellaneous expenses anticipated during construction will exceed previously approved budgets as identified above, resulting in a funding shortfall of \$1,704,422.47, plus HST.

The Township is currently undertaking a Debt Management and Reserve Fund strategy with a third-party consultant. The additional funding required to complete the Bridge Street Bridge replacement will be incorporated with the proposed fall debenture issuance through the Region of Waterloo. Corporate Services staff will be reporting back to Council regarding debt management strategies, seeking approvals for a fall debenture issuance.

ATTACHMENTS:

- Attachment 1 – K. Smart Letter of Recommendation of Award
- Attachment 2 – Agreement 1210918 ONTARIO INC.



K. SMART ASSOCIATES LIMITED

CONSULTING ENGINEERS & PLANNERS

85 McIntyre Drive
Kitchener, ON N2R 1H6

Tel: 519-748-1199
Fax: 519-748-6100

June 13, 2022

File No. 20-145

Mark Jeffery, C.E.T.
Senior Engineering Technologist
Township of Wilmot
60 Snyder's Road West
Baden ON N3A 1A1

**RE: BRIDGE 34/B-T9 (BRIDGE STREET BRIDGE)
BRIDGE STREET AT NITH RIVER
RECOMMENDATION OF AWARD OF TENDER**

Dear Mark,

Seven (7) bids were received for the above referenced project on June 7, 2022. This letter is to confirm our review of those bids and to make a recommendation for award of tender.

The low bid is submitted by Sierra Bridge Inc. of Woodstock for the amount of \$4,782,267.90. The total amount including 13% HST would be \$5,403,962.73 Total net after HST Rebates would be \$4,866,435.82

A list of all submitted bids is as follows, not including HST:

| Contractor | Location | Bid Amount (not including HST) |
|------------------------------------|-------------------------|-----------------------------------|
| Sierra Bridge Inc. | Woodstock, Ontario | \$4,782,267.90 |
| Premier Concrete Inc. | Londesborough, Ontario | \$5,111,567.59 |
| Looby Builders (Dublin) Inc. | Stratford, Ontario | \$5,227,131.62 |
| McLean Taylor Construction Limited | St. Marys, Ontario | \$5,260,427.45 |
| Toronto Zenith Contracting Limited | Concord, Ontario | \$6,934,705.97 |
| HugoMB Contracting Inc. | Milton, Ontario | \$7,196,035.90 |
| Facca Incorporated | Ruscom Station, Ontario | \$7,240,734.70 |

All tenders include an allowance of \$150,000 in contingency funds.

Sierra Bridge Inc. is an experienced and established bridge contractor. We have reviewed their reference projects and they are of similar scope and type as the Bridge Street Bridge replacement project. We have also contacted their references, all of whom confirmed Sierra Bridges abilities and professionalism. In addition, Sierra Bridge Inc. successfully completed a bridge rehabilitation project that we were the consulting engineer for in 2020. We are satisfied that Sierra Bridge Inc. will be able to complete the Bridge Street Bridge replacement project in a satisfactory manner and within the allotted time.

We note the tendered price is higher than the most recent engineers estimate of approximately \$3,525,000 completed last September. Since that time there has been rapid increases in a lot of the fundamental materials required for construction, such as asphalt cement (40% increase in cost since September); diesel fuel (up approximately 90 cents per litre, or a 65% increase, since September); dimensional lumber and plywood (up by over 50%); steel reinforcement (9% increase since

September); as well as concrete (up approximately 13% year over year). Also, construction costs are increasing due to an overall rise in labour costs, a general shortage of labour within the industry, as well as rising fuel prices which are contributing to additional price increases on virtually everything.

It is recommended that the contract be awarded to Sierra Bridge Inc. for the amount of \$5,403,962.73 (HST included) subject to final valuation of the completed work.

If you have any questions or additional information is required, please contact the undersigned.

Yours truly,

A handwritten signature in black ink, appearing to read 'al' followed by a stylized flourish.

Allan Garnham, P. Eng.
Project Manager

THIS AGREEMENT made this 18th day of May, 2022.

B E T W E E N :

THE CORPORATION OF THE TOWNSHIP OF WILMOT

(hereinafter the “**Township**”)

- and -

1210918 ONTARIO INC.

(hereinafter the “**Company**”)

(collectively referred to as the “**Parties**”)

WHEREAS the Township is undertaking reconstruction efforts on the steel bridge structure known as Structure 34/B T-9 over the Nith River (the “**Project**”);

AND WHEREAS the Company is the registered owner of the lands more particularly described in **Schedule “A”** (the “**Lands**”);

AND WHEREAS the Parties deem it expedient, as part of the Project, for the Township to use a portion of the Lands as more particularly set out in **Schedule “B”** (the “**Subject Lands**”) for, among other things, storage, disassembly and salvage operations relating to the Project (the “**Works**”);

NOW THEREFORE IN CONSIDERATION of the sum of two dollars (\$2.00) paid by the Township to the Company and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as follows:

1.1 **Recitals**

The Parties agree that the above-noted recitals are true in substance and in fact and form a part of this Agreement.

1.2 **Schedules**

Schedules attached to this Agreement form part of this Agreement and have the same force and effect as if the information on them were contained in the body of this Agreement.

1.3 **The Subject Lands**

The Company consents and agrees to permit the Township, its contractors, agents, assignees, or anyone else for whom it is at law responsible, access to the Subject Lands, at all times, in order to permit the Township to carry out the Works, from June 1, 2022 to July 3, 2023.

1.4 Method of Access

The Township, its contractors, agents, assignees, or anyone else for whom it is at law responsible shall access to the Subject Lands from Bridge Street, along the southern limit of the Subject Lands.

1.5 Disturbances

The Township agrees to delineate the Subject Lands, and the access thereto, with construction fencing so as to minimize disturbance, at the Township's sole cost and expense.

1.6 Subject Lands Returned to Same Condition

Prior to the expiration of this Agreement, all items placed on the Subject Lands by the Township, its contractors, agents, assignees, or anyone else for whom the Township is at law responsible, such as granular material, filter cloth and bridge structure materials, will be removed and any and all damage done, if any, to the Subject Lands resulting from the Works will be rectified by the Township, at the Township's sole cost and expense.

1.7 Liability

The Township, its contractors, agents, assignees, or anyone else for whom the Township is at law responsible, shall be solely responsible for any damages or liabilities arising from the Works.

1.8 Entire Agreement

This Agreement constitutes the entire agreement between the Parties with respect to the Works and supersedes all previous communications, representations, warranties and agreements, either written or verbal.

1.9 Counterparts

This Agreement may be executed and delivered in any number of counterparts, each of which, when executed and delivered, is an original but all of which taken together constitutes one and the same instrument. The delivery of an executed counterpart copy of this Agreement by facsimile or email will be deemed to be the equivalent to delivery of an original executed copy.

[The remainder of this page is intentionally left blank.]

THE CORPORATION OF THE
TOWNSHIP OF WILMOT

Name:

Title:

I/We have the authority to bind the Township.

1210918 ONTARIO INC.

Per:

Name: Hartmut Weiss

Title: OWNER

I/We have the authority to bind the Township.

– 4 –

SCHEDULE “A”

THE LANDS

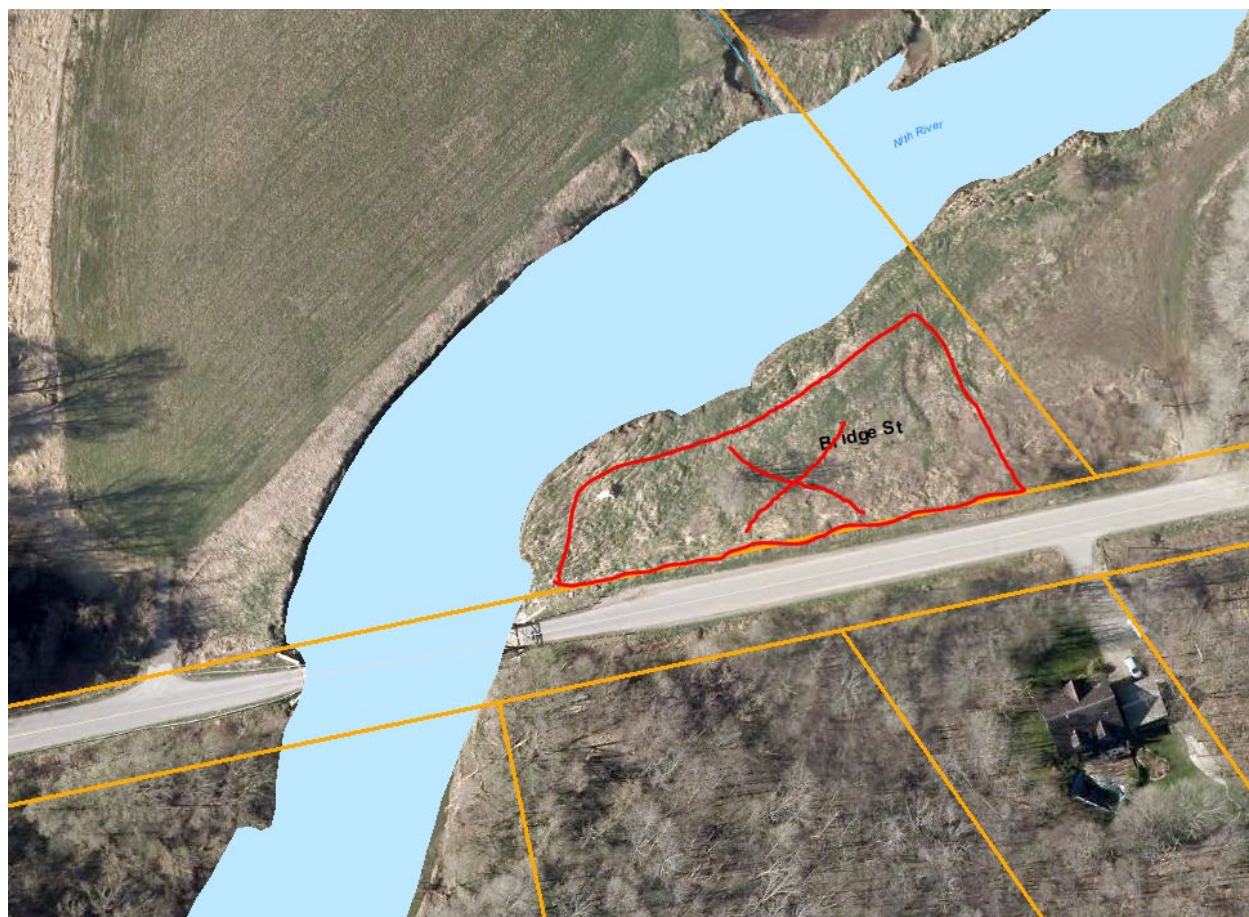
Legal Description: PT LT 21 BLK A CON 3 WILMOT AS IN 83180; WILMOT

PIN: 22204-0081 (LT)

- 5 -

SCHEDULE "B"
THE SUBJECT LANDS

The Subject Lands have been marked with a red 'X' on the map below:





Office of the President
1525 Cornwall Road
Oakville ON
L6J 0B2

Jun 13, 2022

Municipal Councils of Ontario

Subject: The Retention of Professional Engineers at Ontario Municipalities

The purpose of this letter is to stress the importance that municipal engineers play in the successful operation of cities, counties, towns, and townships across Ontario.

The Municipal Engineers Association (MEA) is a non-profit association representing the municipal engineering field in Ontario. We have a membership base of over 1,000 municipal engineers across Ontario who are employed as professional engineers at Ontario municipalities and other provincial agencies serving in the engineering/public works field.

We advocate for sustainable municipal infrastructure practices and our members provide significant input into the development of processes, standards, and specifications for use in municipal infrastructure systems such as drinking water delivery, wastewater collection and treatment, storm water management, waste management and transportation systems.

The MEA has been the proponent for the *Municipal Class Environmental Assessment* process since the mid-1980s. We are also a co-proponent of *Ontario Provincial Standards & Specifications* that many Ontario municipalities use when planning for and tendering municipal engineering projects.

There are a number of examples in various current legislation, where the use of a professional engineer is referenced. Key tasks include roles in transportation, natural resources, health and safety, consumer services, environment, tourism, agriculture, climate change, and energy. It is essential that municipalities consider the appointment of professional engineers, especially within the areas of engineering and public works, to afford municipal councils the appropriate due diligence toward public safety. Unfortunately, we are observing a concerning trend where this is no longer the case.

Professional engineers, through education and practical experience requirements, have the knowledge and foresight to not only understand the 'how' of an issue, but also understand the 'why' behind issues as well. Professional engineers are licensed to practice in Ontario through the *Professional Engineers Act* and are bound by statutory accountabilities, which includes a code of ethics. Under this code, professional engineers are required to act at all times with fidelity to public needs; professional engineers regard their duty to public welfare and safety as paramount.

Professional engineers also provide significant value to municipalities through their understanding of risk management, which assists in lowering exposure to claims against a municipality. With insurance premiums rising every year, it is prudent that municipalities appoint a professional engineer to guide these decision-making processes.



Office of the President
1525 Cornwall Road
Oakville ON
L6J 0B2

As of December 31, 2019, there were 57,134 practicing professional engineers licensed and practicing in the Province of Ontario. Of this number, only 136 professional engineers work for municipalities with a population of 50,000 or less. This represents only 0.2% of licensed and practicing Ontario Professional Engineers being employed by Ontario municipalities serving populations of less than 50,000. Many of these smaller municipalities have a Public Works/Engineering Department head and would benefit by appointing a Professional Engineer.

The vast majority of professional engineers working at Ontario municipalities are employed by larger urban centres having a population greater than 50,000.

For smaller municipalities that do not have the financial resources to employ a full-time professional engineer on their staff, the MEA recommends the appointment of a professional engineer through a licensed consulting firm so that your municipality may meet the needs only a professional engineer can provide.

We would also like to take this opportunity to promote membership in the MEA. There are Ontario municipalities that currently do not have representation in the MEA. If you have a professional engineer(s) on staff and they are not MEA members, we encourage your municipality to have them apply. The MEA offers members access to knowledge, learning and the ability to stay up to date with current industry practices. It truly is great value for a very nominal fee.

On behalf of the MEA, we thank you for taking time to review this letter. Should you have any questions, please reach out to the MEA's Executive Director, Dan Cozzi, P. Eng. at dan.cozzi@municipalengineers.on.ca.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "J. Cole", is written above a horizontal line.

Jason Cole, P. Eng.,
MEA President 2021 - 2022

THE CORPORATION OF THE TOWNSHIP OF WILMOT

BY-LAW NO. 2022-30

**TO CONFIRM THE PROCEEDINGS OF COUNCIL
AT ITS MEETING HELD ON JUNE 27, 2022**

**THE COUNCIL OF THE CORPORATION OF THE TOWNSHIP OF WILMOT
ENACTS AS FOLLOWS:**

1. The actions of the Council at its special meeting held on June 27, 2022, with respect to each recommendation contained in the reports forwarded to Council, and in respect to each resolution and other action passed and taken by Council at this meeting, except where the prior approval of the Ontario Land Tribunal is required, are hereby adopted, ratified and confirmed.
2. The Mayor or in his absence the presiding officer of Council and the proper officials of the municipality are hereby authorized and directed to do all things necessary to give effect to the said action or to obtain approvals where required and except where otherwise provided, the Mayor or in his absence the presiding officer, and the Clerk, or in her absence, the Deputy Clerk, are hereby directed to execute all documents required by statute to be executed by them, as may be necessary in that behalf and to affix the corporate seal of the municipality to all such documents.

READ a first and second time this 27th day of June, 2022.

READ a third time and finally passed in open Council this 27th day of June, 2022.

Mayor

Clerk