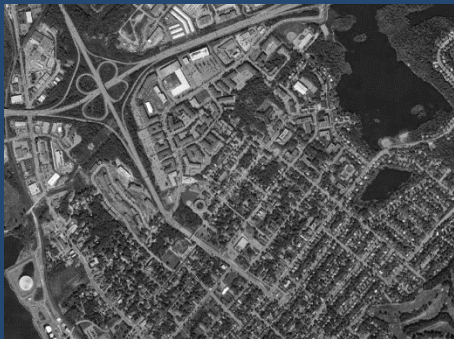

CONSTRUCTION MANAGEMENT PLAN

May 31, 2024



120 Pinecrest

Pinecrest Drive Dartmouth, Nova Scotia



Project Number 22-431



PREPARED BY:

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1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION AND OBJECTIVES

4423358 Nova Scotia Limited is proposing to develop 55 unit residential. This project is located on Pinecrest Drive in Dartmouth, Nova Scotia.

DesignPoint, together with 4423358 Nova Scotia Limited, has prepared this Construction Management Plan (CMP) to reduce negative impacts to the community as a result of construction activities. This CMP is intended to be an evolving document to help guide the project team to mitigate impacts to the adjacent community before they arise and to address unforeseen issues. CMP drawings can be found in **Appendix A** and were prepared by a certified temporary workplace signer (TWS).

Should any changes be required to any aspect of this CMP, an email and hard copy of the proposed changes shall be sent to HRM for review a minimum of 10 days prior to their proposed implementation. Changes will only be implemented following approval from HRM.

1.2 PROJECT CONTACT INFORMATION

The project team for the proposed development consists of:

Owner: 4423358 Nova Scotia Limited
24 Hour Emergency Contact: **Ross Karlin** – 416-277-9681

General Contractor: Nilrak Construction Ltd.
Contact: Ross Karlin – 416-277-9681

Traffic Control Services: **TBD**
TBD
Contact: TBD – TBD

Rodent Control Services: Truly Nolen Pest Control
50 Temple Terrace, Lower Sackville, NS B4C 0A7
1-902-425-7378

2.0 CONSTRUCTION SCHEDULE AND LOGISTICS

2.1 SCHEDULE

- | | | | |
|------------------|-----------------|-----------------|----------|
| • Excavation | May, 2024 | June, 2024 | 30 days |
| • Substructure | June, 2024 | September, 2024 | 80 days |
| • Superstructure | September, 2024 | April, 2025 | 7 Months |

2.2 WORK WITHIN THE PUBLIC RIGHT-OF-WAY

The installation on municipal services will require encroachments withing the Halifax Regional Municipality (HRM) right-of-way (ROW) and Pinecrest Drive. These encroachments will remain in place for a short duration while waterlines and sanitary lines are installed. An area within the right of way between the project site and curb line will be encroached for the duration of the project. The extents of the encroachments are provided in encroachment plans in **Appendix A**.

Anticipated dates for this work are as follows:

- Site Services May-June 2024

2.3 HOURS

- | | |
|---|-----------------------|
| • Monday to Friday: | 7:00 a.m. – 7:00 p.m. |
| • Saturdays: | 8:00 a.m. – 7:00 p.m. |
| • Sundays, Statutory Holidays, & Remembrance Day: | 9:00 a.m. – 7:00 p.m. |

Construction will be completed during daytime hours to avoid interruptions to residents in the evenings and night. Construction activities must adhere to all restrictions outlined in the HRM Noise Bylaw (N-200).

3.0 RELEVANT REGULATIONS & GUIDELINES

3.1 OCCUPATIONAL HEALTH & SAFETY REGULATIONS

This CMP shall be utilized in agreement with all applicable Provincial and Federal Occupational Health and Safety Regulations. At a minimum, construction activities must always meet the standards of:

- a) National Building Code of Canada, as adopted and modified under the Building Code Act and the Nova Scotia Building Code Regulations made under that Act;
- b) Nova Scotia Occupational Health and Safety Act, and the Nova Scotia Occupational Safety General Regulations made under that Act;
- c) The Transportation Association of Canada (TAC)'s Manual of Uniform Traffic Control Devices for Canada (MUTCDC); and
- d) Nova Scotia Temporary Workplace Traffic Control Manual (NSTCM).

3.2 MUNICIPAL REGULATIONS & GUIDELINES

In addition to the Provincial and Federal standards referenced in **Section 3.1**, this CMP shall be utilized in agreement with and meet, at a minimum, the standards of all relevant municipal by-laws including, but not limited to, the following:

- S-300 Streets;
- E-200 Encroachments;
- B-201 Building;
- N-200 Noise;
- T-600 Trees;
- S-900 Controlled Access Streets;
- T-400 Truck Routes;
- W-101 Discharge into Public Sewers;
- B-600 Blasting; and
- HRM TCM Supplement.

4.0 VEHICLE AND PEDESTRIAN MANAGEMENT

4.1 VEHICULAR TRAFFIC CONTROL

This project site is located on a local residential street which poses specific risks related to vehicular traffic. This CMP identifies vehicle traffic controls to protect motorists, the public, and on-site workers.

Prior to any construction activity, all temporary workplace traffic control devices and signage will be in place as per the Nova Scotia Temporary Workplace Traffic Control Manual (latest edition) in accordance with the CMP drawings.

4.1.1 Payment of Applicable Fees

Payment of all applicable fees will be made in accordance with HRM Administrative Order 15 (AO15).

4.1.2 Vehicular Hazard Assessment

See **Appendix I** for vehicular and pedestrian hazard assessment information which validates Nilrak Constructions Ltd.'s rationale for requiring street encroachments.

4.1.3 Traffic Control Plan Preparation & Monitoring

Separate Traffic Control Plans (TCPs) have been prepared as required for each project phase in accordance with the standards identified in the TAC Manual of Uniform Traffic Control Devices, the NSTIR Temporary Workplace Traffic Control Manual, and the HRM Traffic Control Manual Supplement.

TCPs have been prepared by DesignPoints's certified temporary workplace signer (TWS). The TCPs illustrate the proposed signage which will be installed to warn vehicular traffic ahead of, and throughout, the construction zone. Traffic control features and methods as well as information related to the TCPs are provided in **Sections 4.1.8**.

4.1.4 Notifications of Traffic Closures

The contractor shall notify HRM and the public to proposed traffic closures as outlined in **Section 8.3**.

4.1.5 Traffic Control Element Inspection & Maintenance

All TCPs will be implemented and monitored by a Certified Traffic Control Company and its team of certified Traffic Control Persons (as recognized by the Nova Scotia Department of Transportation and Infrastructure Renewal). Construction warning signage will be displayed throughout the approaches, to and adjacent to, the project site in accordance with the Nova Scotia Temporary Workplace Traffic Control Manual. Nilrak Construction Ltd and the Certified Traffic Control Company will inspect traffic control elements at the start and end of the workday, or more frequently as required, and will maintain traffic control elements as required to ensure that the TCPs are effectively and correctly implemented. See **Appendix H** for a sample construction management plan element inspection sheet to be completed by both the Site Contractor and Certified Traffic Control Company.

4.1.6 Changes to Traffic Control Plans

Requests for modifications to TCPs will be sent to HRM for approval a minimum of 10 days prior to their proposed implementation.

4.1.7 Emergency Vehicle Access

Emergency vehicle access to the project site will always be maintained throughout the life of the project.

In cases of emergencies, on-site workers will exit the project site through gates along Pinecrest Drive. These gates will always remain unlocked when workers are on site to allow emergency response units to access the site.

4.1.8 Traffic Control Plans & Haul Route Plan

Traffic Control Plans, Encroachment Plans, a Haul Route Plan, Barrier Installation & Removal Plans, Services Installation Plans, and Street Closure Plans are provided in **Appendix A**.

4.1.9 Haul Route Plan

A Haul Route Plan (HRP) is provided in **Appendix A** and will be implemented throughout all phases of this construction project. This HRP includes the proposed route which construction and delivery trucks will use throughout construction and adheres to the HRM Traffic Control Manual Supplement. As shown in the HRP, haul routes will extend to their origins and destinations by streets approved in the HRM Truck Route Bylaw (T-400).

4.1.10 Parking

Parking Stall Removal

During construction, no parking will be permitted on the east side of Pinecrest Drive across from the development; this will be required for truck turning movements into the construction area.

Contractor Parking

To minimize parking requirements in adjacent neighborhoods, on-site workers will be encouraged to carpool to the project site.

Temporary Parking

During the Excavation, Substructure, and Superstructure Phases, the contractors will be responsible to secure off-site parking.

The developer is not requesting additional temporary on-street parking currently.

Net Parking Loss

During construction, there will be a net parking loss of 3 spaces.

Parking Signage

No temporary parking signage will be used.

Parking Within Encroachment Areas

Encroachment areas are intended for use as loading areas. On-site workers will not be permitted to park within the encroachment areas.

4.2 PEDESTRIAN MANAGEMENT

Pedestrian management will be of foremost consideration throughout the construction of this project. DesignPoint has prepared Pedestrian Management Plan (PMP). This plan is provided in **Appendices A**.

4.2.1 Bus Stop Relocation

Pending approval from HRM Transit, a bus stop in front of the property on the west side of Pinecrest Drive will be temporarily closed for the duration of this project's construction. The bus stop closure on the west side is required while the existing sidewalk is closed.

4.2.2 Payment of Applicable Fees

Payment of all applicable fees will be made in accordance with HRM Administrative Order 15 (AO15).

4.2.3 Pedestrian Hazard Assessment

See **Appendix I** for Pedestrian Hazard Assessment information which validates Nilrak Construction Ltd.'s rationale for requiring street encroachments and temporary sidewalks.

4.2.4 Pedestrian Management Plan Preparation & Monitoring

A single Pedestrian Management Plan (PMP) has been prepared as required for the entirety of the project. The PMP has been prepared by DesignPoint's certified temporary workplace signer (TWS). The PMP illustrates the proposed signage which will be installed to warn pedestrian traffic ahead of and throughout the construction zone.

4.2.5 Notifications of Pedestrian Closures

The contractor shall notify HRM and the public to proposed pedestrian closures as outline in **Section 8.3**.

4.2.6 Pedestrian Management Plan Compliance

All PMP will be implemented and monitored by Nilrak Construction Ltd.. Construction warning signage will be displayed throughout the approaches to, and adjacent to, the project site. Nilrak Construction Ltd. will inspect pedestrian management elements at the start and end of the workday, or more frequently as required, and will maintain pedestrian management elements as required to ensure the PMPs are effectively and correctly implemented. See **Appendix H** for a sample construction management plan element inspection sheet to be completed by both the Nilrak Construction Ltd. and the Certified Traffic Control Company.

4.2.7 Changes to Pedestrian Management Plans

Requests for modifications to PMPs will be sent to HRM for approval a minimum of 10 days prior to their proposed implementation.

Notification of pedestrian disruptions will be distributed to affected residents and businesses a minimum of 5 business days in advance of disruptions. Modifications to PMPs for unforeseen events will be sent to the Municipality for approval.

4.2.8 Pedestrian Management Plans

A single Pedestrian Management Plan (PMP) has been prepared as required for the entirety of the project. The PMP has been prepared by DesignPoint's certified temporary workplace signer (TWS). The PMP illustrates the proposed signage which will be installed to warn pedestrian traffic ahead of and throughout the construction zone.

4.2.9 Pre-Project Hazard Assessment

See **Appendix I** for vehicular and pedestrian hazard assessment information which validates Nilrak Construction Ltd.'s rationale for requiring street encroachments and temporary sidewalks.

4.2.10 Visually Impaired Persons

Construction areas can be particularly difficult to navigate for visually impaired persons. DesignPoint has reviewed elements identified by the Canadian National Institute for the Blind (CNIB) to assist the visually impaired and has incorporated these elements into the design of the CMP.

Sawhorse barricades painted “safety orange” will be located at all termination points along pedestrian routes to assist all pedestrians, especially visually impaired persons, in identifying the transition between pedestrian routes and traffic travel ways. These sawhorse barricades will be constructed complete with an orange-painted wooden 2” x 4” board complete with visual and braille text indicating “No Crossing” which will be fixed along the bottom of the sawhorse barricade for cane detection. Sawhorse barricades will be set up at existing street crossings to clearly identify that these crossings are out-of-service.

4.2.11 Accessibility

All pedestrian routes shall be barrier-free, utilizing existing curb cuts and sidewalk ramps. It will always be the contractor’s responsibility to keep all pedestrian routes free and clear of obstructions, including snow, construction debris, and public debris to ensure their continued functionality.

5.0 CONSTRUCTION SITE PROTECTION AND HOARDING

5.1 SITE PROTECTION AND HOARDING MATERIALS

5.1.1 Concrete F-Type Barriers

Concrete F-Type barriers will be installed as per the CMP drawings throughout all project phases. It will be the contractor's responsibility to regularly inspect the condition and layout of these barriers to ensure their continued functionality.

5.1.2 Fencing

Throughout all construction phases, a rigid fence will surround the development. This fence will be drilled and bolted into the surfaces of out-of-service concrete curbs or sidewalks. **Figure 1** below shows a fence assembly example. It will be the contractor's responsibility to regularly inspect the rigid fences to ensure their continued structural integrity. Any deficiencies in fencing must be addressed immediately to prevent pedestrians from entering the project site through holes or overturned fences. The fence structure will be sufficiently strong such that it cannot be moved, removed, or overturned without the use of tools.

5.1.3 Translucent Mesh

Translucent Mesh is not intended to be used on this project.

5.1.4 Hoarding

If blasting is required as part of this project, a solid plywood hoarding will be designed and certified by a Professional Engineer (P.Eng.) and mounted on the section of the rigid fence adjacent to blasting areas to protect pedestrians from potential blasting debris. All hoarding will be installed as per HRM specifications and guidelines.

5.1.5 Covered Ways

No covered walkways will be used as part of this project.

5.1.6 Snow Removal

It will be the contractor's responsibility throughout all construction phases to keep all temporary sidewalks clean and free of snow and ice. The contractor will not dump snow or ice onto adjacent public property and will truck snow off site as required to prevent the unsafe build-up of snow piles.

The contractor will be responsible to remove snow and ice as required to ensure that emergency access is maintained to the project site. The nearby hydrants along Pinecrest Drive are on the opposite side of the street from the project and maintenance by HRM will not be hindered.

5.1.7 Site Lines

Rigid fences and signage will be installed as per the CMP drawings such that vehicular site lines are maintained around the corners of street intersections.

5.1.8 Emergency Access & Egress

Along Pinecrest Drive, the site will be accessible through a two gates. This gate is the only locations that will receive equipment/materials during construction and will always be locked after work hours. In cases of emergencies, on-site workers will exit the project site through this gate.

5.1.9 View Ports

View ports will not be used as part of this project.

5.1.10 Reinstatement of Public Property

The contractor will be responsible to repair and pay for any and all damages incurred due to temporary encroachments including, but not limited to:

1. Rigid fence and scaffolding holes reinstated with concrete to existing conditions or better;
2. Street lines repainted to existing conditions;
3. Damaged sidewalks, curbs, sodding, and other public elements reinstated to existing conditions or better;
4. Tactile pedestrian launch bars removed, and asphalt underneath treated with asphalt sealant;
5. Cracked asphalt within the encroachment areas repaired using hot rubber (or approved equivalent); and
6. Parking meters to be reinstated to existing conditions and any damaged parking meters replaced to existing conditions or better.

5.2 SITE PROTECTION AESTHETICS

Throughout all phases of the project, the project shall regularly inspect the project site and adjacent areas and keep these areas clean and free of debris, snow, and ice.

No additional site protection aesthetics are planned at this time.

5.3 SIGNAGE

5.3.1 Project Management Plan Renderings

Please refer to the attached Pedestrian Management Plan, indicating wayfinding and pedestrian route map in **Appendix A**.

5.3.2 Pedestrian Detour Wayfinding

No pedestrian wayfinding signage will be used as part of this project.

6.0 LIFTING, HOISTING AND CRANE OPERATIONS

6.1 NAVIGATION CANADA & TRANSPORT CANADA REGULATORY APPROVALS

This project will apply for a separate encroachment permit for the tower crane during its use on the project. Shop drawings for the crane will be submitted at this time.

During crane assembly and disassembly, crane components will be unloaded from a transport truck within the loading area within the site. These components will be assembled within the project site by site equipment. A copy of the Transport Canada approval is included in **Appendix J**.

6.2 OPERATIONS ABOVE THE PUBLIC REALM

During lifting operations, loads will not be suspended over the public realm.

7.0 ON-SITE CONDITIONS

7.1 SITE SAFETY AND SECURITY

All contractors on site will be required to be registered members in good standing with the Nova Scotia Construction Safety Association. Contractors will be required to comply with all applicable safety codes and regulations. The contractor will be required to provide a mandatory site safety orientation for all trades and site visitors.

The contractor will be required to have certified first aid responders on site during all construction activities. First aid kits will be made available at the project site and site office and locations of first aid kits will be prominently posted and communicated to all on-site workers and visitors. In addition, fire extinguishers and burn kits will always remain available on site. The contractor will be responsible to carry out regular inspection of first aid kits, fire extinguishers, and burn kits and to note any deficiencies and replenish kits as required for any missing or used items.

7.1.1 Access & Egress Gates

Signs identifying the “Entrance Gate” and “Exit Gate” will be prominently posted as per the TCPs (see **Appendix A**). These signs will be mounted directly onto the gates using steel cables.

7.1.2 Hazard Warning Signage

Hazard warning signs will be fastened to the “Entrance Gate” and “Exit Gate” warning personnel of potential hazards and personal protective equipment (PPE) required.

7.1.3 Gate Locking & Monitoring

Gates will be locked during non-work hours and will always be closed not in use. During holidays and weekends, the contractor will be responsible to check the project site gates daily to ensure they are secure.

7.1.4 Hoarding Signage

Hoarding will be marked with “No Trespassing – Construction Personnel Only” signs. All personnel on the construction site will always be required to use all proper personal protective equipment (PPE). PPE requirements will be prominently posted, and visitors will be required to sign in at the project site office before entering the site. A warning of potential fines will be included for those who violate PPE requirements.

7.1.5 Inspection Reports

The contractor will regularly inspect hoarding and address all safety-related and other deficiencies in a prompt and timely manner. Inspection reports on maintenance activities carried out will always be kept on site.

7.1.6 Dangerous Activities

Public safety and the safety of on-site workers will be of critical importance throughout all construction phases and all works will be carried out in accordance with the Nova Scotia Occupational Health and Safety Act. For all dangerous activities, first aid kits will be readily available as outlined in **Section 7.1**. See **Appendix I** for vehicular and pedestrian hazard assessment information.

Hot Works

Hot works will be undertaken a minimum of 3 m inside the project site property boundary. During hot works, the contractor will ensure that a first aid kit and fire extinguisher are readily available (in addition to the first aid kits and fire extinguishers identified in **Section 7.1**) in the immediate vicinity of the work such. In addition, hot works will be undertaken away from heavy equipment and heavy equipment routes.

On Site Smoking

Smoking will not be permitted on the project site. In addition, under no circumstances will smoking or open flames be permitted within the vicinity of combustible or explosive materials, to a minimum standard as identified in the material's product specifications. See **Section 7.1.9** for information related to the designated smoking area.

Ignition Source Controls

It will be the contractor's responsibility to review potential ignition sources regularly and to proactively mitigate the potential for them to ignite. Potential ignition sources include faulty wiring, hot surfaces and motors, welding, grinding, and other sparks, convex lenses (magnifying glasses), and reactive chemicals. Material and equipment specifications and best practices will be followed during all construction activities to reduce the risk of ignition. In addition, potential ignition sources and work which may result in potential ignition will be kept away from heavy equipment and heavy equipment routes.

Storage of Combustible Materials

On-site materials will be protected as required from environmental conditions such as snow, rain, and wind to prevent materials from causing harm to on-site workers or the general public. Combustible materials, as well as explosive, reactive, and corrosive materials, will be stored in accordance with their product specifications using storage sheds and containers within the loading area and on-site as required and will be kept away from heavy equipment and heavy equipment routes.

Waste Management Practices

Throughout construction the contractor will be required to maintain a clean and tidy work environment and work to proactively eliminate risks. The contractor will monitor the project site at the start and end of the work day, or more frequently as required, to ensure that waste is removed in a prompt and timely manner such that it does not pose a risk to on-site construction activities, on-site workers, or the general public.

7.1.7 Emergency Contact Information

As outlined in **Section 5.3**, throughout all project phases, Nilrak Construction Ltd.'s emergency contact information will be prominently posted on Pedestrian Management Plan.

7.1.8 After-hours Lighting

No additional after-hours lighting is expected at this time.

7.1.9 Smoking Area

Smoking will not be permitted on the project site other than in designated smoking areas. A smoking area will be designated in accordance with HRM by-laws and smoking area locations. Signs will be displayed showing the location of the designated smoking area on-site.

7.1.10 Fire Suppression System

As discussed in **Section 5.1.8**, the existing fire hydrant near the project site will remain in service for the entirety of the project duration.

7.2 MATERIAL HANDLING, LOADING/UNLOADING, DELIVERY, AND VEHICLE STAGING

All material handling, loading, and unloading, deliveries, and vehicle staging will take place on site. The Haul Route Plan shows the route for trucks travelling to and from the project site, as outlined in **Section 4.1.9** of this report.

On-site materials will be protected as required from environmental conditions such as snow, rain, and wind to prevent materials from causing harm to on-site workers or the public. Efforts will be made to prevent dust and other materials from becoming airborne during high wind events.

See **Appendix I** for vehicular and pedestrian hazard assessment information.

7.3 ENVIRONMENTAL CONTROLS

7.3.1 Street & Right-of-Way Cleaning

The contractor will be responsible to remove snow on the street side of F-Type jersey barriers and fences within the ROW that cannot be removed by typical Municipality ploughing operations.

7.3.2 Stormwater Management and Runoff Pollution

The contractor will be required to prevent sediment from entering all adjacent catch basins and leads using erosion and sediment controls (see NSE Erosion & Sedimentation Control Handbook for Construction Sites). The proposed construction will not cause negative impacts to the storm systems or affect drainage paths.

To achieve this, the contractor will install and maintain sediment traps in all catch basins directly adjacent to the project site. The sediment trap in this catch basin will provide further protection against storm system sedimentation. A filtering pond with a filtering bag will be used to reduce suspended particles before it is released.

7.3.3 Noise Pollution

The contractor will always adhere to the HRM Noise Bylaw (N-200).

7.3.4 Dust Pollution

As outlined in **Section 5.1** of this report, fencing will assist in preventing the spread of dust throughout the project site.

In addition to the fencing, the contractor will be responsible to carry out the following dust/debris controls;

1. Adjacent streets and properties will be regularly swept clean;
2. The excavation access will regularly be topped with clean gravel to prevent tire tracing from trucks;
3. Catch basins within and adjacent to hoarding will have sediment traps installed;

4. On dry days the site will be watered to prevent dust from becoming airborne; and
5. The upper levels of the new building will be regularly swept clean and materials secured to prevent construction debris from exiting the building site.

7.3.5 Emissions Control

All construction vehicles will be required to use the loading area for parking and idling to keep exhaust emissions within the construction zone as much as possible. Vehicles will be staged so that idling will be minimized. Note that, unless a vehicle motor is required to run to complete work functions, it must be turned off after no more than 3 minutes. Signs identifying these idling requirements will be posted on the front of the project site office trailer and within the loading area.

7.3.6 Rodent Control

Rodent movement increases during construction activities. The owner has engaged a **certified rodent control professional**, to prepare a Rodent Control Plan (RCP) to help mitigate this. The RCP applies to all project phases with the goal of preventing movement of rodents off-site to find safe refuge in adjacent areas.

Rodent Control Credentials

The rodent control professional is certified by the Canadian Pest Management Association (CPMA), is a member in good standing with the National Pest Management Association (NPMA) and is certified to be in conformance with ISO 9001:2008. All rodent control technicians on site will hold Nova Scotia Environment (NSE) pest control licenses. Proof of these documents will always be kept on site at the project site office trailer and remain available.

Rodent Control Management

The RCP will consist of a baiting and monitoring program. Auxiliary buildings will remain locked and secure during all non-work hours and sewer laterals to be removed will be removed in a prompt and timely manner such that they do not provide safe refuge for rodents. In addition, standing water will be promptly pumped off-site to abate attractive conditions for rodent habitation.

See the Site Management Plan Drawing in **Appendix A** for proposed bait station locations.

Bait stations will be secured in their locations using wooden stakes (for open sodded and dirt locations), weighted patio stones (behind walls and on paved areas), and zip-ties (fixed to fences). Bait stations within the project site will be fixed to rigid fences using zip-ties and will be placed on the private side of property line.

Bait stations will be baited using “*Contra Blox*” in accordance with the Environment Canada Pest Control Products Act. Information and specifications for bait stations and bait are provided in **Appendix F**.

The certified rodent control professional will provide monthly monitoring of every bait station. During each visit to an individual bait station, the certified rodent control technician will open the bait station, record the amount of bait consumed, the amount of bait replenished, the site conditions (weather), and the condition of the bait and bait station. Visible rodent carcasses will be collected and removed from the project site and neighboring areas on a monthly basis.

A rodent control package will always be kept on site and be housed in the project site office trailer. It will include copies of certified rodent control professional certifications, letters of good standing, letters

of conformance, technician names and licenses, rodent control plans, and rodent control records. The certified rodent control technicians will be required to sign in and out upon arrival to, and departure from, the project site.

Rodent Control Safety Considerations

Public safety will be of critical importance for rodent control activities. Physical (snap) traps will be prohibited unless approved by HRM (the contractor must request proposed CMP changes to HRM a minimum of 10 days prior to planned implementation for review). Trap size will be sufficiently small to prevent children, dogs, or cats from entering and becoming poisoned and the bait/poison will be sufficiently weak so as not to not kill children, dogs, or cats. In addition, bait stations will be tampering proof and bait will be securely fixed inside so that it cannot be shaken out. Bait stations will be opaque to protect the public from unsightly images.

Project Closure

Following completion of this project, the certified rodent control professional will promptly collect and appropriately dispose of all unused bait, bait stations, and remaining carcasses and will provide a close out letter to HRM outlining the work that was completed throughout construction and confirming that all necessary clean-up has been completed.

7.3.7 Light Pollution

Lighting of the project site (private property) will be 3 m (maximum) above the highest elevation of the building or excavation and will be directed inwards towards the property. It is expected that lights will be installed on the tower crane and every effort will be made to aim the lights away from adjacent properties.

8.0 COMMUNITY ENGAGEMENT & NOTIFICATION

8.1 PRE-CMP COMMUNITY ENGAGEMENT

The owner and construction manager intend to contact neighbouring residents and distribute community consultation letters to neighbouring property owners in the immediate vicinity of the project. A sample of the letter that will be distributed is provided in **Appendix C**. Additional project information and major project updates will be sent to the community periodically throughout construction, as required.

During construction, project contact information will be easily identifiable on Development Information Signs, which will be posted around the project site.

8.2 SCHEDULED COMMUNITY NOTIFICATIONS

As mentioned in **Section 8.1**, monthly project updates will be distributed to those signed up to receive project notifications. These notifications will be sent on or before the fifth day of each month. These notification letters will include:

1. The date the letter is sent;
2. The development name and owner and contractor contact information;
3. Brief updates on project progress;
4. Brief updates on expected upcoming construction activities that may affect the community;
5. Specific details of any work within the ROW that is to occur outside of the approved encroachment that may result in additional traffic control measures or closures; and
6. Any other relevant information.

It will be the owner's responsibility to provide further communication as required by the community including providing communication through additional media forms (letters, additional community consultation meetings, etc.) as required by community members. A sample Monthly Project Update Letter is provided in **Appendix E**.

8.3 CLOSURE NOTIFICATION REQUIREMENTS

Notification of street closures and public service interruptions will adhere to the requirements of the HRM Traffic Control Manual Supplement. Street closure requests require 10 days (minimum) notice to HRM prior to their planned implementation and must be approved by HRM prior to implementation. Notification to the affected public will be made a minimum of 5 business days prior to the disruption. The construction manager will keep and maintain a list of all effectively notified property owners such that they ensure all affected parties are notified. The construction manager will notify HRM immediately upon confirmation of affected parties that have been notified and their respective civic addresses. A Draft Notification Letter is provided in **Appendix C**.

9.0 PERMIT & NOTIFICATION REQUIREMENTS

The contractor will be responsible to coordinate a pre-construction meeting 10 days prior to construction commencement to review the CMP on site. Attendees will include the contractor, the owner, HRM, Halifax Water (HW), utility companies, and representatives from neighboring properties.

10.0 REGULATION & ENFORCEMENT

10.1 INSPECTION & MONITORING

The contractor will be responsible to monitor the implementation of the CMP daily, or more frequently as necessary, to ensure its continued effectiveness. The contractor will complete a daily inspection/maintenance log of all CMP elements.

As outlined in **Section 1**, any changes required to this CMP must be sent to HRM for review 10 days (minimum) prior to their proposed implementation. Changes may only be implemented following HRM approval.

11.0 SUMMARY

This CMP has been prepared with the goal to minimize negative impacts to the community, pedestrians, and traffic throughout construction of this project. This CMP will be used as a minimum standard and any further safety protection required, or methods to provide a more positive environment, will be used throughout construction as necessary as approved by HRM.

Should you have any questions or comments related to this document, please contact DesignPoint. For all construction-related inquiries, please contact the owner, contractor, or traffic control service provider (see contact information in **Section 1.2**).

Original Signed

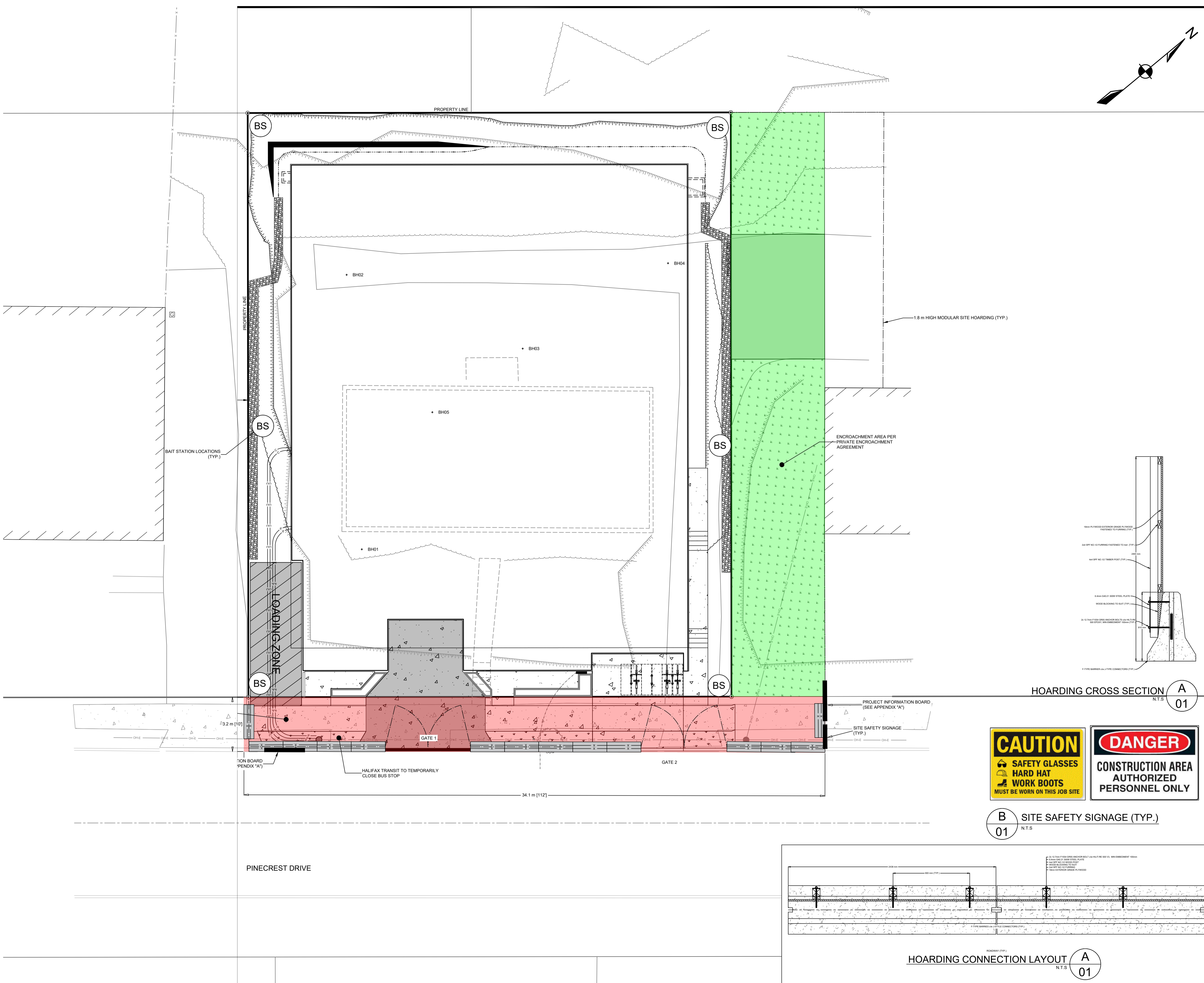
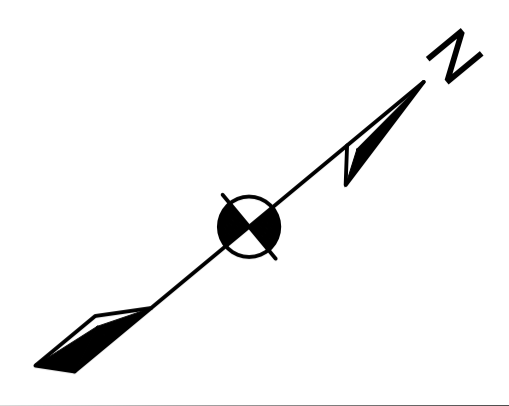
Regards,

Adam Leahy, P.Eng.



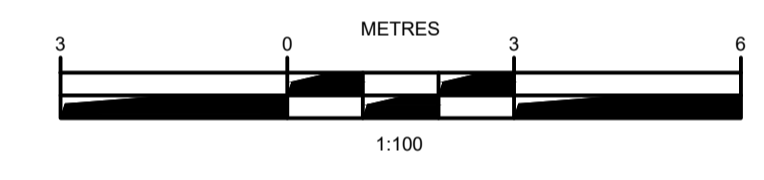
APPENDICES

APPENDIX A – CMP DRAWINGS



LEGEND		
EXISTING		PROPOSED
---	RIGHT OF WAY	---
---	LOT LINE	---
---	PEDESTRIAN PATH	---
---	HAUL ROUTE	---
---	HAUL ROUTE	---
---	STREET SIGN	---
○	STREET TREE	○

- NOTES:
1. ALL TEMPORARY WORKPLACE TRAFFIC CONTROL DEVICES AND SIGNAGE TO BE IN PLACE AS PER THE NOVA SCOTIA TEMPORARY WORKPLACE TRAFFIC CONTROL MANUAL (LATEST EDITION).
 2. ALL EXTERNAL PROPERTY LINES AND RIGHT OF WAYS ARE SHOWN FOR REFERENCE ONLY AND ARE SUBJECT TO SURVEY.
 3. ALL EXISTING BUILDING OUTLINES ARE SHOWN FOR REFERENCE ONLY.
 4. TRENCH EXCAVATION LIMITS ARE SHOWN AS REFERENCE ONLY; EXACT TRENCH EXCAVATION LIMITS MAY VARY.



ISSUE	DATE	DESCRIPTION
4	MAY 3, 2024	REVISED PER COMMENTS
3	APR. 22, 2024	REVISED BASE PLAN
2	JAN. 30, 2024	ISSUED FOR CMP
1	JULY 7, 2023	ISSUED FOR REVIEW

CONSULTANT

DESIGNPOINT
engineering • surveying • solutions

902.832.5597 designpoint.ca



CLIENT

4423358 NOVA SCOTIA LIMITED

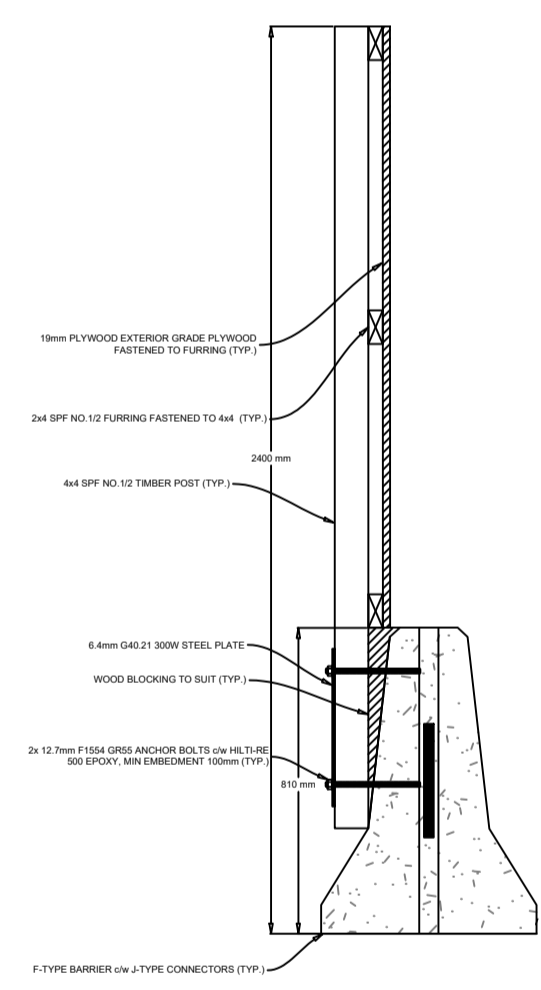
PROJECT DESCRIPTION

PINECREST DRIVE DEVELOPMENT
DARTMOUTH, NOVA SCOTIA

SHEET DESCRIPTION

SITE ENCROACHMENT PLAN PINECREST DRIVE

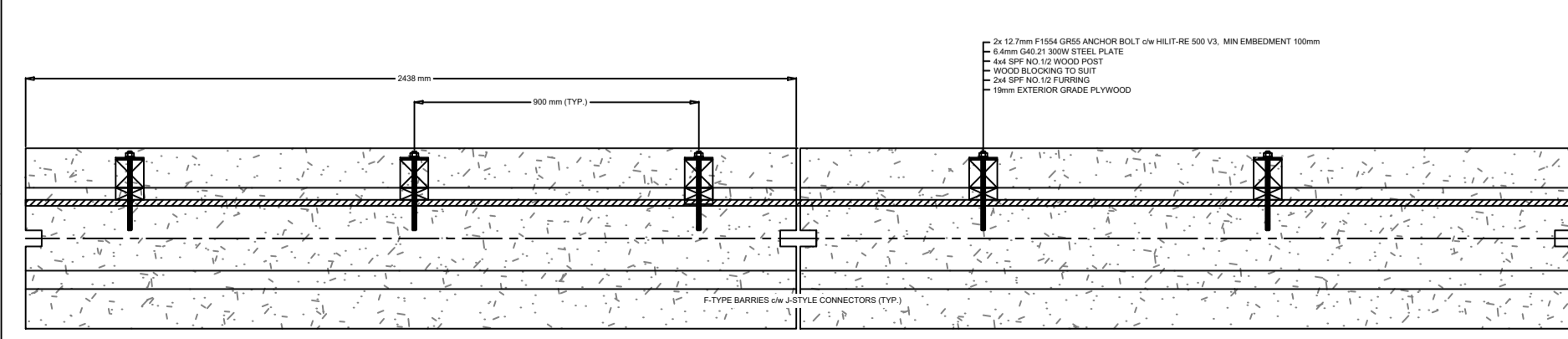
Drawn ATL	Engineer ATL	Project No. 22-431	Drawing No. CMP-01
Scale 1:100	Filename 22-431_CMP.dwg		01 of 02



HOARDING CROSS SECTION A 01
N.T.S.

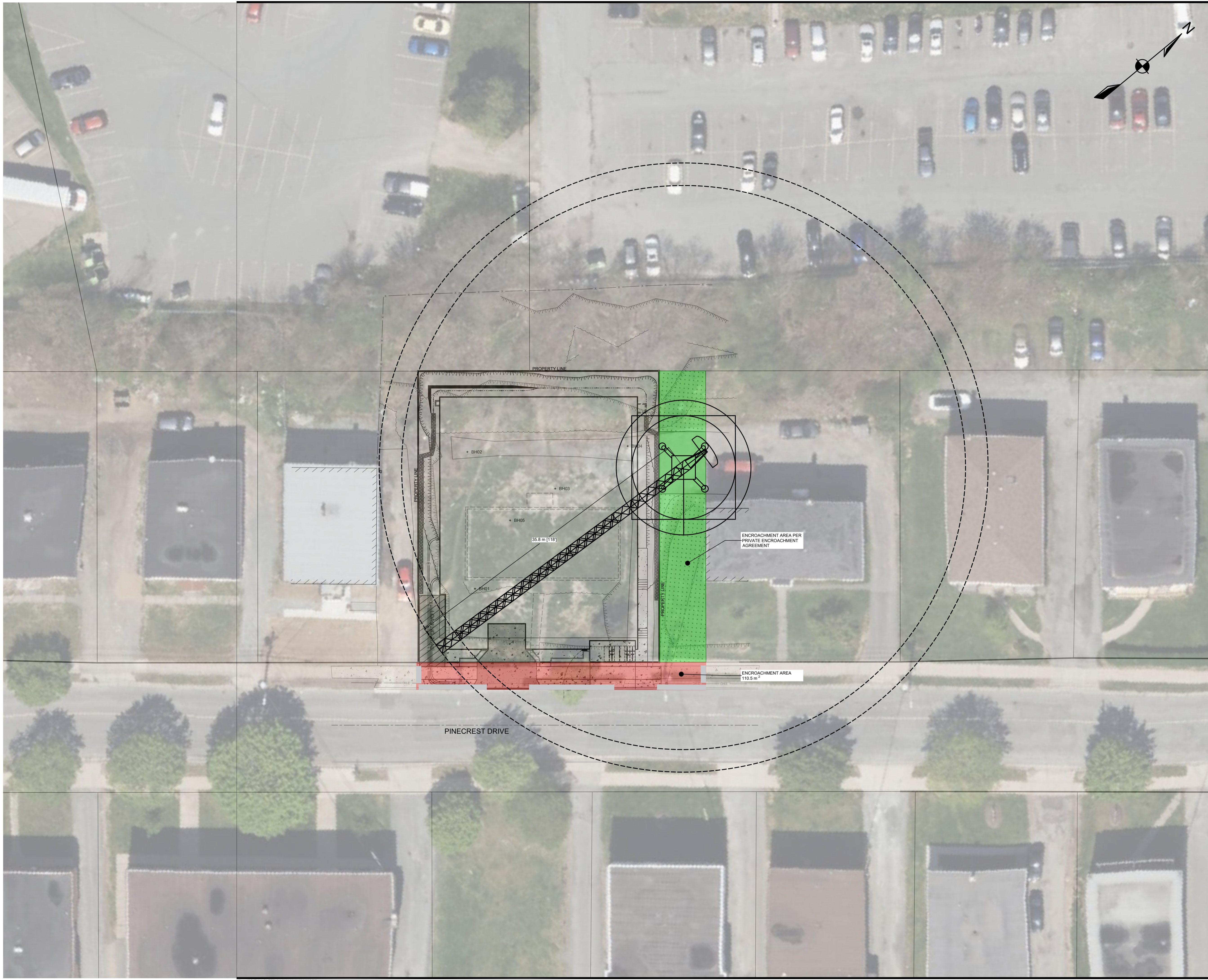


B 01 SITE SAFETY SIGNAGE (TYP.)
N.T.S.



HOARDING CONNECTION LAYOUT A 01
N.T.S.

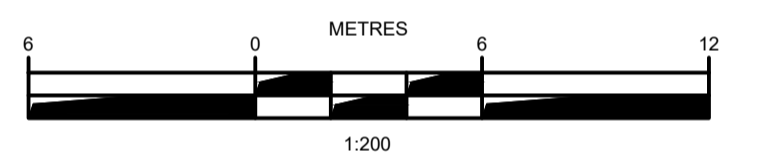
Size: ISO FULL BLEED AT (841.00 X 594.00 MM)



LEGEND

EXISTING		PROPOSED
---	RIGHT OF WAY	---
---	LOT LINE	---
---	PEDESTRIAN PATH	---
---	HAUL ROUTE	---
---	HAUL ROUTE	---
---	STREET SIGN	---
○	STREET TREE	○

- NOTES:
1. ALL TEMPORARY WORKPLACE TRAFFIC CONTROL DEVICES AND SIGNAGE TO BE IN PLACE AS PER THE NOVA SCOTIA TEMPORARY WORKPLACE TRAFFIC CONTROL MANUAL (LATEST EDITION).
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ISSUE	DATE	DESCRIPTION
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CONSULTANT

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CLIENT

PROJECT DESCRIPTION

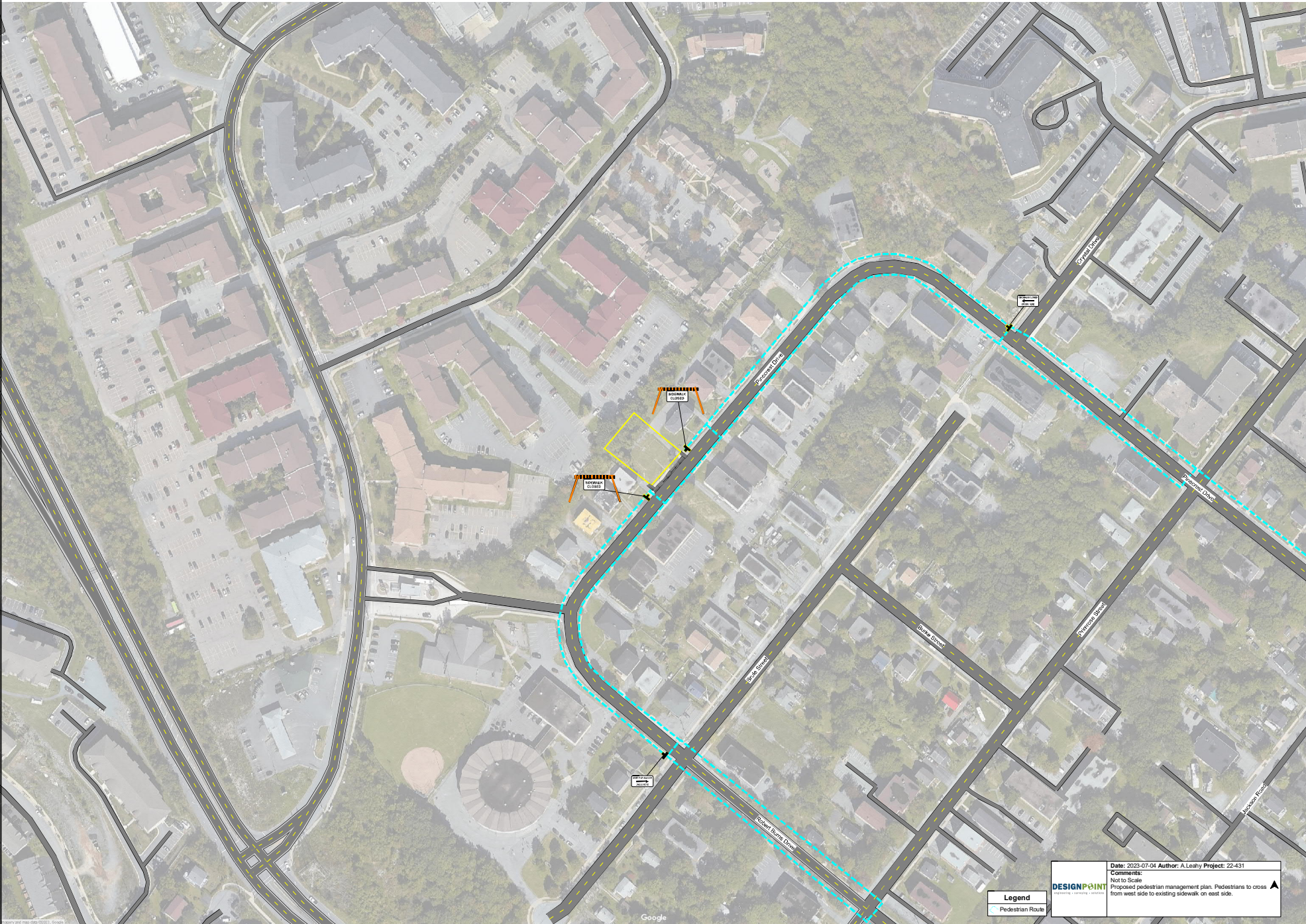
PINECREST DRIVE DEVELOPMENT

DARTMOUTH, NOVA SCOTIA

SHEET DESCRIPTION

**CRANE ENCROACHMENT PLAN
PINECREST DRIVE**

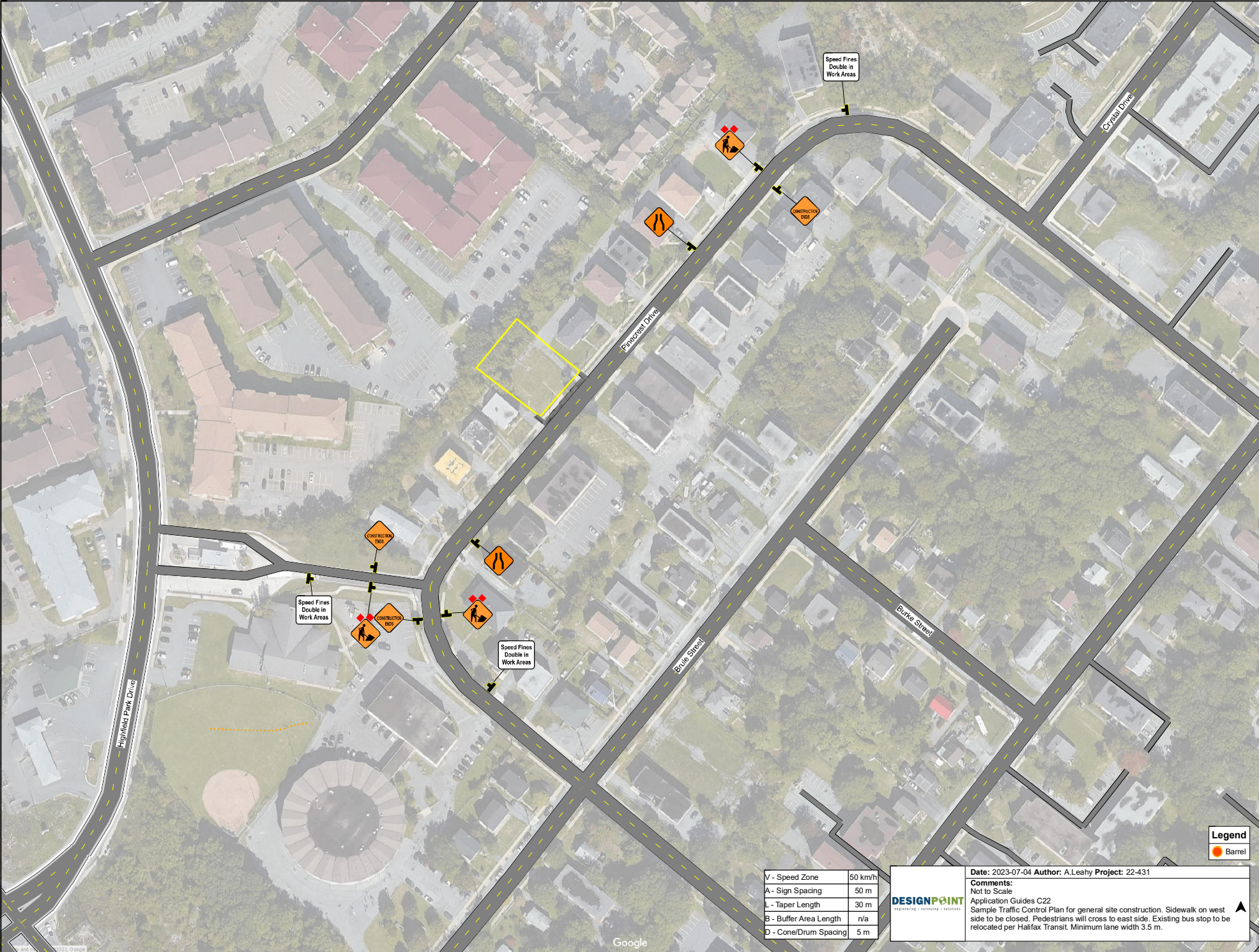
Drawn ATL	Engineer ATL	Project No. 22-431	Drawing No. CMP-02
Scale 1:200	Filename 22-431_CMP.dwg		02 of 02



Legend
 Pedestrian Route

DESIGNPOINT
DESIGN • PLANNING • CONSULTING

Date: 2023-07-04 Author: A. Lashy Project: 22-431
 Comments:
 Not to Scale
 Proposed pedestrian management plan. Pedestrians to cross from west side to existing sidewalk on east side.

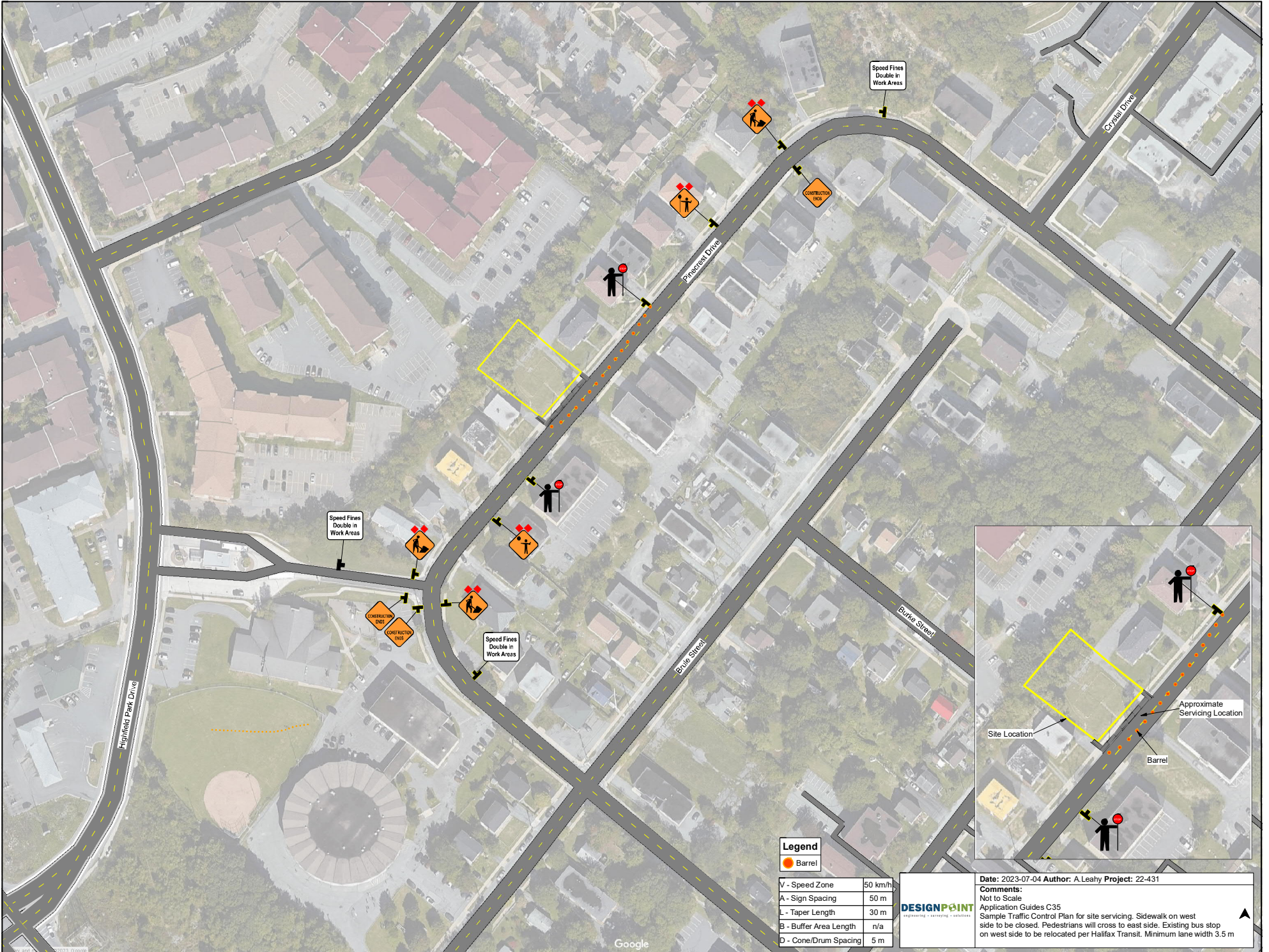


Legend
 Barrel

V - Speed Zone	50 km/h
A - Sign Spacing	50 m
L - Taper Length	30 m
B - Buffer Area Length	n/a
D - Cone/Drum Spacing	5 m

DESIGNPOINT
 engineering • consulting • solutions

Date: 2023-07-04 Author: A. Leahy Project: 22-431
 Comments:
 Not to Scale
 Application Guides C22
 Sample Traffic Control Plan for general site construction. Sidewalk on west side to be closed. Pedestrians will cross to east side. Existing bus stop to be relocated per Halifax Transit. Minimum lane width 3.5 m.

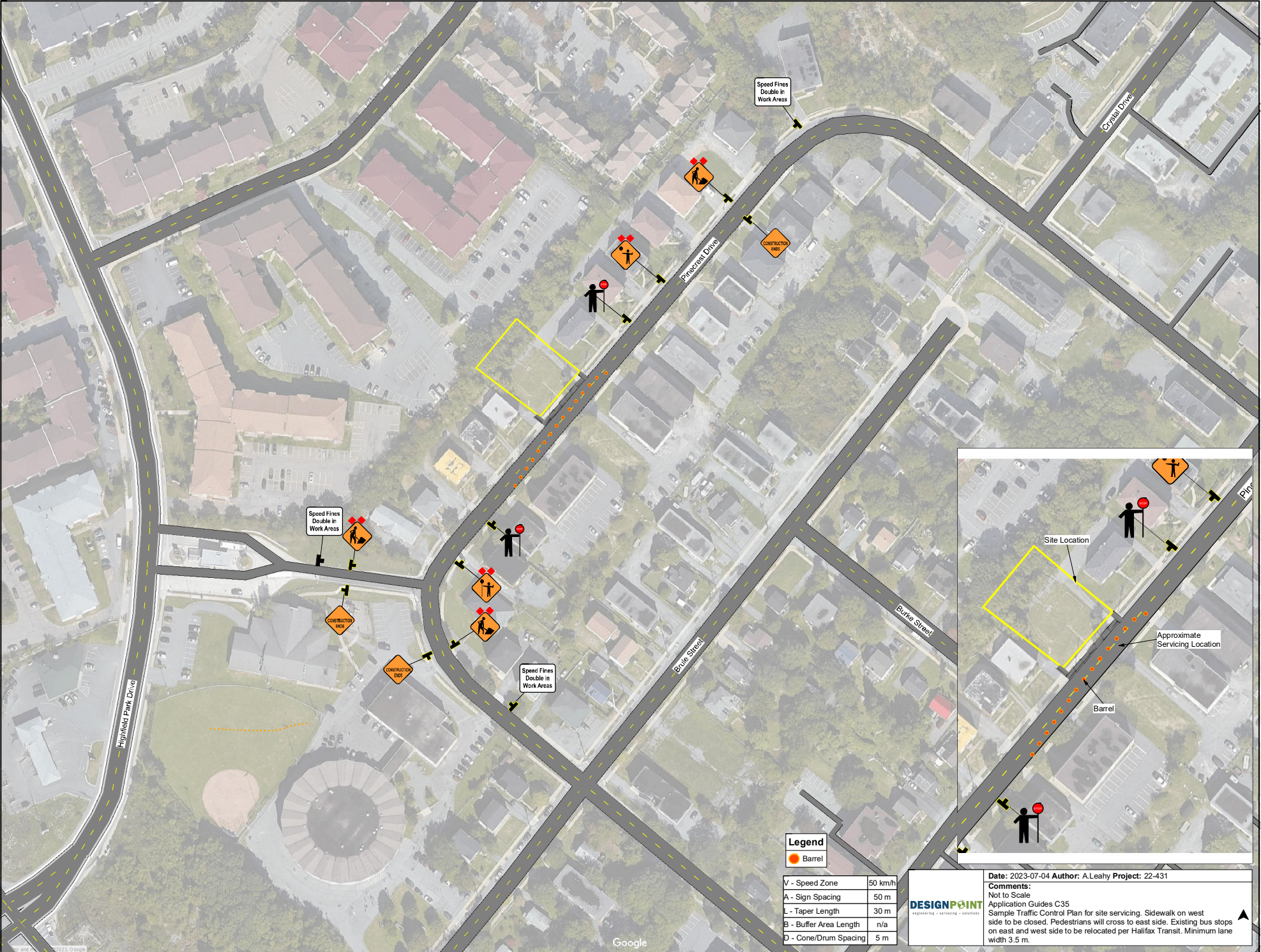


Legend

●	Barrel
V - Speed Zone	50 km/h
A - Sign Spacing	50 m
L - Taper Length	30 m
B - Buffer Area Length	n/a
D - Cone/Drum Spacing	5 m

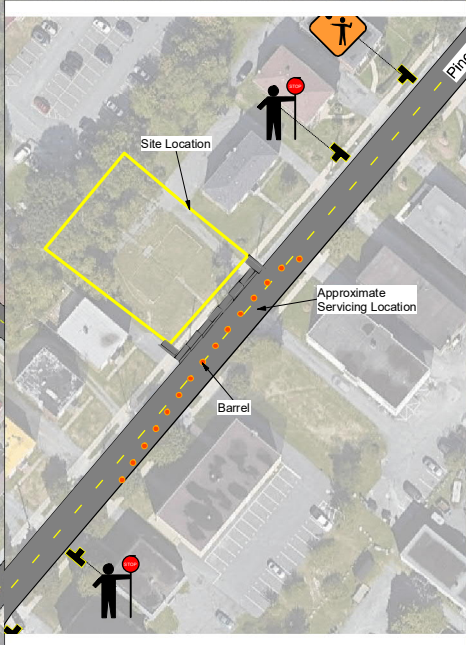
Date: 2023-07-04 **Author:** A. Leahy **Project:** 22-431
Comments:
 Not to Scale
 Application Guides C35
 Sample Traffic Control Plan for site servicing. Sidewalk on west side to be closed. Pedestrians will cross to east side. Existing bus stop on west side to be relocated per Halifax Transit. Minimum lane width 3.5 m





Legend

● Barrel	
V - Speed Zone	50 km/h
A - Sign Spacing	50 m
L - Taper Length	30 m
B - Buffer Area Length	n/a
D - Cone/Drum Spacing	5 m



Date: 2023-07-04 Author: A.Leahy Project: 22-431
 Comments:
 Not to Scale
 Application Guides C35
 Sample Traffic Control Plan for site servicing. Sidewalk on west side to be closed. Pedestrians will cross to east side. Existing bus stops on east and west side to be relocated per Halifax Transit. Minimum lane width 3.5 m.





Legend
 - - - Truck Haul In
 - - - Truck Haul Out

DESIGNPOINT
 ENGINEERING CONSULTANTS

Date: 2023-07-04 Author: A. Leary Project: 22-431
 Comments:
 Not to Scale
 Proposed truck haul route to site. Trucks return to HRM truck routes after accessing site.

APPENDIX B – PROJECT INFORMATION BOARD

120 Pinecrest Residential Development

Pinecrest Drive, Dartmouth

September 18, 2023 – September 13, 2023

Developer:

4423358 Nova Scotia Limited

902-452-0214

Project Manager:

Nilrak Construction Ltd.

902-452-0214

APPENDIX C – DRAFT NOTIFICATION LETTER

DEVELOPMENT RENDERING

[DEVELOPMENT NAME]

DRAFT NOTIFICATION LETTER

[OWNER NAME]

[OWNER CONTACT NUMBER]

Date

NOTIFICATION OF STREET CLOSURE: [STREET NAME], [HALIFAX/DARTMOUTH], NOVA SCOTIA

This is to inform you that to facilitate construction operations in association with the proposed development a street closure on [STREET NAME] between Civic [#] and Civic [#] will occur on or about **DATE** with an anticipated duration of approximately **TIME**.

CONTACT INFORMATION:

Construction Manager: [CONTACT NAME]
[CONTACT NUMBER]

APPENDIX D – COMMUNITY CONSULTATION MEETING MINUTES

Development Name

Owner
General Contractor

Date:
Location:
Project Phase:

COMMUNITY CONSULTATION MEETING MINUTES

Attendees:

Meeting Minutes

Project Status:

Old Business:

New Business:

Notekeeper: _____ Signature: _____
Representative: _____ Signature: _____

APPENDIX E– MONTHLY PROJECT UPDATE LETTER

DEVELOPMENT RENDERING

[DEVELOPMENT NAME]

DRAFT MONTHLY PROJECT UPDATE LETTER

**[OWNER NAME]
[OWNER CONTACT NUMBER]**

Date

This is to inform you that construction is ongoing for **[STAGE OF PROJECT]**. In the past month, the **[WHAT HAS BEEN ACCOMPLISHED]**.

Next month the Contractor plans to **[WHAT IS BEING PLANNED]**. **[EXPECTED TRAFFIC DISTRUPTIONS]**.

Should you have any questions or concerns please feel free to contact the below:

CONTACT INFORMATION:

Construction Manager: **[CONTACT NAME]
[CONTACT NUMBER]**

Our company has been retained by **[OWNER]** as the Project Manager to complete work on the **[DEVELOPMENT NAME]**. Should any questions arise throughout construction, please feel free to contact the undersigned.

Yours Truly,
**[CONTACT NAME]
[GENERAL CONTRACTOR]**

APPENDIX F – RODENT CONTROL SPECIFICATIONS & TEMPLATES

Conrac Box Specifications

		CONTRAC® BLOX KILLS RATS & MICE	
SAFETY DATA SHEET		ACCORDING TO REGULATION: GHS/WHMIS 2015	DATE OF ISSUE: January 2020
PREPARED BY: CAR			
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION			
<p> Product Identifier: CONTRAC® BLOX KILLS RATS & MICE PMRA Registration Number: 22239 Relevant identified uses: Anticoagulant Rodenticide Uses advised against: Use only for the purpose described above </p> <p> MANUFACTURER/SUPPLIER: Bell Laboratories, Inc. 3699 Kinsman Blvd. Madison, WI 53704, USA Email: sds@belllabs.com Phone: 608-241-0202 Medical or Vet Emergency: 877-854-2494 or 952-852-4636 Spill or Transportation Emergency: 800-424-9300 (CHEMTREC) </p>			
SECTION 2. HAZARDS IDENTIFICATION			
<p> WHMIS Classification: Not classified Signal Word PMRA: Warning/Poison Precautionary Statements: KEEP OUT OF REACH OF CHILDREN, PETS AND LIVESTOCK. May be harmful or fatal if swallowed or absorbed through the skin. Chemical-resistant gloves must be worn when handling product and when disposing of dead rodents, unconsumed bait and empty containers. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash skin thoroughly with soap and water after handling. Wash contaminated clothing, separately from other laundry, with soap and water before reuse. KEEP AWAY FROM FEED AND FOODSTUFFS. </p>			
<p>See Section 15 for information on PMRA applicable safety, health, and environmental classifications.</p>			
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			
Component	CAS No.	% By weight	
Bromadiolone [3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one]	28772-56-7	0.005%	
Inert and Non-Hazardous Ingredients (Unlisted components are non-hazardous)	Proprietary	99.995%	
SECTION 4. FIRST AID MEASURES			
<p> Description of first aid measures Ingestion: Call physician or emergency number immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed by physician. Inhalation: Not applicable. Eye contact: Hold eye open and rinse slowly with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation develops, obtain medical assistance. Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. If irritation develops, obtain medical assistance. Most important symptoms and effects, both acute and delayed Ingestion of excessive quantities may cause nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding. Advice to physician: If ingested, administer Vitamin K₁ intramuscularly or orally as indicated for bishydroxycoumarin overdoses. Repeat as necessary as based upon monitoring of prothrombin times. Advice to Veterinarian: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K₁. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed. </p>			

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media
Suitable Extinguishing Media: water, foam or inert gas.
Unsuitable Extinguishing Media: None known.
Special hazards arising from the mixture: High temperature decomposition or burning in air can result in the formation of toxic gases, which may include carbon monoxide and traces of bromine and hydrogen bromide.
Advice for firefighters: Wear protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Collect spillage without creating dust.
Environmental precautions: Do not allow bait to enter drains or water courses. Where there is contamination of streams, rivers or lakes contact the appropriate environment agency.
Methods and materials for containment and cleaning up
For Containment: Sweep up spilled material immediately. Place in properly labeled container for disposal or re-use.
For Cleaning Up: Wash contaminated surfaces with detergent. Dispose of all wastes in accordance with all local, regional and national regulations.
Reference to other sections: Refer to Sections 7, 8 & 13 for further details of personal precautions, personal protective equipment and disposal considerations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: All handlers must wear long-sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves when handling this product. Do not handle the product near food, animal foodstuffs or drinking water. Keep out of reach of children. Do not use near heat sources, open flame, or hot surfaces. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Conditions for safe storage, including any incompatibilities: Store in cool, dry place away from other chemicals and food or feed. Store product not in use, in original container, in a secure location inaccessible to children and non-target animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Established Limits

Component	OSHA	ACGIH	Other Limits
Bromadiolone	Not Established	Not Established	Not Established

Appropriate Engineering Controls: Not required
Occupational exposure limits: Not established
Personal Protective Equipment:
Respiratory protection: Not required
Eye protection: Not required
Skin protection: Not required
Hygiene recommendations: Wash thoroughly with soap and water after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance/Color:	Blue wax block
Odor:	Sweet grain-like
Odor Threshold:	No Data
pH:	No Data
Melting point:	No Data
Boiling point:	No Data
Flash point:	No Data
Evaporation rate:	No Data
Flammability:	No Data
Upper/lower flammability or explosive limits:	No Data
Vapor Pressure:	No Data
Vapor Density:	No Data
Relative Density:	1.13 g/mL @ 20°C
Solubility (water):	Negligible
Solubility (solvents):	No Data
Partition coefficient: n-octanol/water:	No Data
Auto-ignition temperature:	No Data
Decomposition temperature:	No Data
Viscosity:	No Data

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable when stored in original container in a cool, dry location.
Chemical stability: Stable when stored in original container in a cool, dry location.
Possibility of hazardous reactions: Refer to Hazardous decomposition products
Conditions to avoid: Avoid extreme temperatures (below 0°C or above 40°C).
Incompatible materials: Avoid strongly alkaline materials.
Hazardous decomposition products: High temperature decomposition or burning in air can result in the formation of toxic gases, which may include carbon monoxide and traces of bromine and hydrogen bromide.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity
LD50, oral (ingestion): >5000 mg/kg (rats) (Bromadiolone Rat LD50 oral: 0.70 mg/kg bw).
LD50, dermal (skin contact): > 5001 mg/kg (rats) (Bromadiolone rabbit LD50 dermal: 1.71 mg/kg bw).
LC50, inhalation: Product is a wax block and therefore exposure by inhalation is not relevant.
Skin corrosion/irritation: Not irritating to skin.
Serious eye damage/Irritation: Not irritating to eyes.
Respiratory or skin sensitization: Dermal sensitization: Not a Sensitizer (Guinea pig maximization test).
Germ cell mutagenicity: Contains no components known to have a mutagenetic effect.
Carcinogenicity: Contains no components known to have a carcinogenetic effect.

Components	NTP	IARC	OSHA
Bromadiolone	Not listed	Not listed	Not listed

Reproductive Toxicity: No data
Aspiration Hazard: Not applicable. Product is a wax block.
Target Organ Effects: Reduced blood clotting ability.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Effects: This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds.
Persistence and degradability: Product is inherently biodegradable.
Bioaccumulative potential: Not determined. Bromadiolone water solubility is extremely low (< 0.1mg/l).
Mobility in Soil: Not determined. Mobility of bromadiolone in soil is considered to be limited.
Other adverse effects: None.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not reuse empty container. Dispose of unused or spoiled bait in accordance with local requirements. Follow provincial instructions for any required cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For more information on the disposal of unused, unwanted product and cleanup of spills, contact the provincial regulatory agency or the Manufacturer. Dispose of dead rodents in garbage or by burying.

SECTION 14. TRANSPORT INFORMATION

UN number: Not regulated
UN proper shipping name: Not regulated
Transport hazard class(es): Not regulated
Packing group : Not regulated
Environmental Hazards
DOT Road/Rail: Not considered hazardous for transportation via road/rail.
DOT Maritime: Not considered hazardous for transportation by vessel.
DOT Air: Not considered hazardous for transportation by air.
Canadian Classification: Not considered hazardous
Freight Classification: LTL Class 60
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable
Special precautions for user: None

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Health Canada PMRA: This pesticide product is regulated by the Pesticide Management Regulatory Agency of Health Canada and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The safety, health, environmental, and hazard information required on the pesticide label is listed below and reflected throughout this SDS. The pesticide label also includes other important information, including directions for use.
TSCA: All components are listed on the TSCA Inventory or are not subject to TSCA requirements
CERCLA/SARA 313: Not listed
CERCLA/SARA 302: Not listed

SECTION 16. OTHER INFORMATION

For additional information, please contact the manufacturer noted in Section 1.

NFPA	Health: 1 (caution)	Flammability: 1 (slight)	Reactivity: 0 (stable)	Specific Hazard: None
HMIS	Health: 2 (moderate)	Flammability: 1 (slight)	Reactivity: 0 (minimal)	Protective Equipment: B

Disclaimer: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Bell Laboratories, Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all current data, including the approved product label, relevant to their particular use.

Bait Trap Specifications



NEPTUNO BAIT STATION

- ✓ Bait station for mice and rats. 235 X 185 X 90 MM - DIMENSIONS
- ✓ Made of high quality polypropylene.
- ✓ With key and double lock.
- ✓ Security system that prevents forced opening with hands.
- ✓ Each unit includes removable tray, wire to support bait and wall adapter.
- ✓ All interior fittings are removable and can be used with rodenticide, glue board, rat trap or drinking trough

APPENDIX G— CONSTRUCTION MANAGEMENT PLAN CHANGE REQUEST

DEVELOPMENT RENDERING

[DEVELOPMENT NAME]

CONSTRUCTION MANAGEMENT PLAN CHANGE REQUEST

[OWNER NAME]

[OWNER CONTACT NUMBER]

Date

This is to request a change to the construction management plan for the **[DEVELOPMENT NAME]**. **[OWNER]** requests the following changes to the Construction Management Plan (CMP) to be reviewed and approved by Halifax Regional Municipality (HRM). These changes are required due to _____. The proposed date of implementation for these changes is _____, _____ and are expected to be required until _____, _____. These changes will impact traffic and pedestrians in the following ways by _____. Please see the attached sketch which outlines the changes being requested.

Should you have any questions or concerns please feel free to contact the below:

CONTACT INFORMATION:

Construction Manager: **[CONTACT NAME]**
[CONTACT NUMBER]

Our company has been retained by **[OWNER]** as the Project Manager to complete work on the **[DEVELOPMENT NAME]**. Should any questions arise throughout construction, please feel free to contact the undersigned.

Yours Truly,
[CONTACT NAME]
[GENERAL CONTRACTOR]

APPENDIX H– CONSTRUCTION MANAGEMENT PLAN INSPECTION SHEET

Project: _____ Location: _____ Phase: _____ Date: _____ Inspector: _____

CONSTRUCTION MANAGEMENT PLAN - INSPECTION CHECKLIST								
CMP Element	Set-up per PMP?			Condition?		Action Required	Action Completed	Comments
	Yes	No	N/A	Good	Bad			

APPENDIX I – HAZARD ASSESSMENT

Residential Development		Prepared By: Designpoint	Date: 04/07/2023	Location: Pinecrest Drive
No.	Hazard	Project Phase	Mitigation Methods	Mitigation Methods
1	Building demolition	Demolition	Vehicular impacts Debris may fall off building, damaging vehicles.	Pedestrian Impacts Debris may fall off building, injuring pedestrians.
2	10m deep excavation	Excavation	Vehicles may enter project site and fall down excavation. Vehicle weight may surcharge excavation, causing excavation wall failure.	Place F-Type concrete barriers around where vehicles may enter open excavation. Close sidewalks adjacent to project site, moving vehicles farther away from excavation.
3	Snow & Ice Clearing	All Phase	Vehicles may become stuck in snow or slip on ice	The contractor shall remove all snow on temporary sidewalks and within the loading area and will not dump onto public property (HRM Right-of-Way).
4	Construction Waste	All Phase	Vehicles may strike or be struck by construction waste.	The contractor shall keep the project site and surrounding area clean and free of construction debris.
5	Vehicular & Pedestrian	All Phase	Drivers and pedestrians may become confused or impatient with construction activities. Pedestrians may walk in unmarked crosswalks or in vehicular travel areas. Drivers may fail to obey traffic signage.	Vehicular and pedestrian signage will be posted prominently around the project site to facilitate pedestrian movement. Notification will be sent prior to all traffic interruptions.
6	Heavy Machinery Operation	All Phase	Heavy machinery or vehicles may break down or overturn, damaging other vehicles. Heavy machinery or vehicles may overturn due to uneven terrain, damaging other vehicles.	The contractor shall maintain safe distances between pedestrians and heavy machinery on-site. F-Type barriers will be installed to separate construction vehicles from public traffic. The contractor shall maintain safe distances between pedestrians and heavy machinery on-site and ensure travel routes are kept flat.
7	Project Site Lines	All Phase	Fences and signs may impact vehicular site line visibility.	Fences will be curved such that vehicles can see around corners at intersections. Signs will be placed such that they do not extend into vehicle and pedestrian routes.
8	Construction Signage	All Phase	Construction signage may strike vehicular traffic.	Construction signage will be securely fixed to existing poles.
9	Dangerous Materials	All Phase	Flammable, explosive, & hot materials may damage vehicles if not properly maintained & stored.	The contractor will use and store dangerous materials properly as per manufacturers' specifications.
10	Rodent Control Devices	All Phase	Vehicles may drive over and strike rodent control devices.	Rodent control devices will be placed outside vehicular travel ways.
11	Hoisting Operations	Superstructure	Precast concrete panels and other items hoisted may fall from heights and damage vehicles.	Proper hoisting and lifting techniques will be used to ensure that materials do not fall from heights. F-Type concrete barriers will be installed such that loads are never suspended above the public realm.
12	Reinstatement of Public Infrastructure & Service Installation	Superstructure	Heavy equipment and hot concrete used during public infrastructure reinstatement and service installation may cause damage to vehicles.	The contractor shall maintain safe distances between pedestrians, vehicles, and heavy machinery. Sidewalks adjacent to the public infrastructure reinstatement and service installation.
13	Fallen debris	Superstructure	Debris may fall from upper stories of the new building causing damage to vehicles.	F-Type concrete barriers will be installed such that a safe distance is maintained between the building envelope and vehicular traffic. Debris may fall from upper stories of the new building injuring pedestrians.

APPENDIX J – TRANSPORT CANADA APPROVAL

To be completed and submitted at a later date.