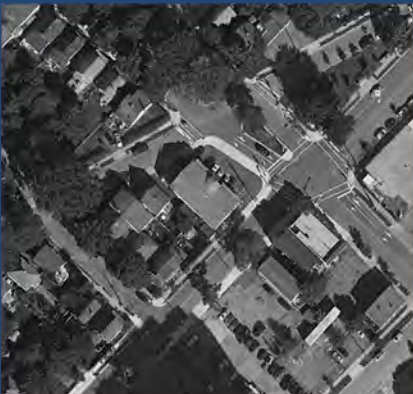

CONSTRUCTION MANAGEMENT PLAN

June 1, 2022

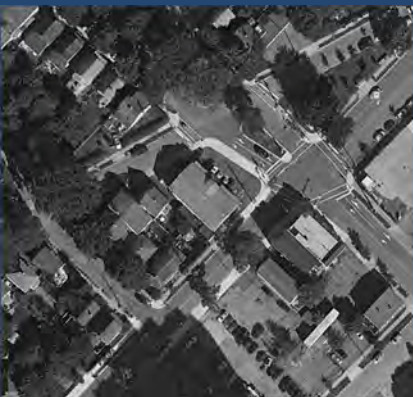


MDW Law

5755 Young Street Halifax, Nova Scotia



Project Number 22-014



PREPARED BY:

DesignPoint Engineering & Surveying Ltd.

222 Waterfront Drive Suite 104
Bedford, NS B4A 0H3



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1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION AND OBJECTIVES

Bruno Builders Inc. is proposing to renovate the existing Humani-T Café, located at 5755 Young Street, Halifax.

The existing Humani-T Café is a two-story commercial lightwood frame structure with an approximate footprint of 2700 square feet. The proposed development will renovate the existing commercial space/café into a new commercial office space, future home of MDW Law. In the process, one additional story will be added while maintaining the existing building footprint.

DesignPoint, together with **Bruno Builders Inc.**, 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 **Appendices A, B, C, and D** and were prepared by DesignPoint's certified temporary workplace signer (TWS), Aidan McCracken.

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:	MDW Law 5657 Spring Garden Rd #300, Halifax, NS, B3J 1H1
Site Contractor:	Bruno Builders Inc. 35 Portland Street, Unit 4, Dartmouth, NS, N2Y 1H1 Contact: Evan Boutilier – 902-223-7942 24 hour Emergency Contact: Harry McInnis – 902-399-8217
Traffic Control Services:	Frontline Traffic Services 6 Belmont Avenue, Dartmouth, NS B2W 1E5 Contact: Phil Pruneau – 902-818-5548
Rodent Control Services:	Truly Nolen 2 Fielding Avenue C, Dartmouth, NS B3B 1E1 Contact: Truly Nolen – 902-425-7378

2.0 CONSTRUCTION SCHEDULE AND LOGISTICS

2.1 SCHEDULE

- | | | |
|-------------------------|-----------------------------------|----------|
| • Demolition | (April 4, 2022 – May 2, 2022) | 1 Month |
| • Superstructure | (May 2, 2022 – December 22, 2022) | 7 Months |
| • Sidewalk Encroachment | (May 20, 2022 – November 8, 2022) | 6 Months |

From start to completion, the project will take approximately 8 months.

2.2 WORK WITHIN THE PUBLIC RIGHT-OF-WAY

Each project phase will require encroachments within the Halifax Regional Municipality (HRM) right-of-way (ROW) and will remain in place for the entire phase. Extents of encroachments are provided in the Encroachment Plans shown in **Appendices A and B**.

It is not anticipated that work will be required within the HRM ROW during barrier installation and removal as barriers can be installed from behind the public ROW and staged within the existing Human-T parking lot. Installation of pedestrian tactile strips, wayfinding signage, and Pedestrian Management Plan Renderings (PMPRs) will be carried out during barrier installation and removal activities from behind the curb line. Additional information regarding barrier installation and removal is provided in **Section 5.3**. Anticipated dates for this work are as follows:

- | | |
|--|---------------|
| • Demolition/Superstructure Barrier Installation | April 4, 2022 |
|--|---------------|

Wayfinding signage and Project Management Plan Renderings (PMPRs) must be in place in advance of encroachment requirements and prior to installations within the ROW being put in place. See **Section 5.3** and **Appendix C** and **Appendix D** for additional information regarding wayfinding signage and PMPRs.

2.3 HOURS

- | | |
|---|-----------------------|
| • Monday to Friday: | 7:00 a.m. – 9:30 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). Work within Young and Agricola Streets will be restricted as per the requirements of the HRM Traffic Control Manual Supplement (TCM).

2.4 GENERAL NOTES

Rodent control methods will be undertaken 2 weeks (minimum) prior to the commencement of demolition and are outlined in **Section 7.3.6**.

Although most signs will be mounted on existing permanent poles, some signs may require to be mounted using temporary concrete sign bases complete with embedded steel poles. These sign bases will weight approximately 90 kg (200 lb.) to prevent them from being stolen and will be square to prevent them from rolling if toppled. They will be positioned away from, or along the edges of, pedestrian routes to prevent the impedance of pedestrians.

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 in a dense urban environment 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.

Ends of F-Type concrete barriers shall have reflective tape complete with contrasting colors to assist in identifying temporary crosswalks. Similar reflective tape with contrasting colors will be provided along the sides of F-Type concrete barriers, near their tops, both on the vehicular traffic side and the pedestrian traffic side to assist in delineation of travel ways and walkways at night.

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 **Bruno Builders Inc.'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), Aiden McCracken. 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 Front 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. Frontline Traffic Services 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 Frontline Traffic Services and Bruno Builder's Inc.

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 Young and Agricola Streets. 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, Encroachment, Haul Route, and Street Closure Plans are provided in **Appendices A and B**.

Demolition Phase Traffic Control

During the Demolition Phase, traffic will be unaffected by construction activities as encroachments will be located behind the curbs and or sidewalk directly adjacent to the project site. A sliding gate along Agricola and Young Streets will provide work vehicle and personnel access to the site. This gate will be identified using signage mounted on the gate. The Demolition Phase Encroachment Plan is provided in **Appendix A**.

Excavation Phase Traffic Control

The primary foundation structure is existing. Therefore, there will be no external excavation phases associated with the proposed renovation.

Substructure Phase Traffic Control

The primary substructure is existing; therefore, no substructure phase will be associated with the project.

Superstructure Phase Traffic Control

Similar to the Demolition Phase, traffic will be unaffected through most of the superstructure renovation with exception some periodic lifting on Kaye Street.

During the construction of the third floor and roof structure, it is anticipated that temporary street closures will be required on Kaye Street to accommodate the lifting of the third floor structure and roof trusses. During this closure residents of Kaye Street will have maintained access via Robie and Hilford Streets. All other traffic will be detoured around Kaye Street using Kane Street and or Young Street as shown in the Superstructure traffic control plans in **Appendix A**.

During lifting activities, spotters are to be present full time on Kaye Street, Agricola Street, and Young Street to ensure the safe clearance of both pedestrian and vehicular traffic from overhead lifting activities.

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), this includes the use Kane Street, Agricola Street and Young Street to connect back to Robie Street. It is noted that Young Street is a daytime truck route only.

4.1.10 Parking

There will be no net parking loss as a result of the proposed project. Please refer to the Encroachment Plans (see **Appendices A and B**) for additional information.

Parking Stall Removal

There will be no parking stalls removed as a result of the proposed project.

Contractor Parking

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

Out-of-Service Parking Meter Fees

No paid parking spots will be removed as part of the proposed encroachment.

Temporary Parking

Bruno Builders Inc. is not requesting additional temporary on-street parking.

Net Parking Loss

There will be no net parking loss as a result of the proposed project.

Parking Signage

No temporary parking has been provided, therefore, no signage is required.

Parking Within Encroachment Areas

Encroachment areas are intended for use as loading areas and temporary pedestrian routes. 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 together with **Bruno Builders Inc.**, have prepared Pedestrian Management Plans (PMPs), Pedestrian Management Plan Renderings (PMPRs), and wayfinding signage to assist pedestrians in navigating their way around this project site. These plans and signs are provided in **Appendices A through D**.

Type-F Jersey Barriers and rigid fencing on Agricola, Kaye and Young Streets will surround the site and will be located at the back of sidewalk, with the exception of a small bump out at the corner of Young and Agricola as shown on the Encroachment Plan in **Appendix A**, thus closing the sidewalk directly adjacent to the site on Young Street. This small closure is required to adequately protect pedestrian

traffic from the construction site along Young Street where there is very little set back between the back of sidewalk and the existing building.

As a result of the closure, pedestrians will be directed to use the eastern sidewalk on Young Street via marked crosswalks at the intersections of Robie & Young Streets and Young and Agricola Streets.

Although most signs will be mounted on existing permanent poles, some signs may require to be mounted using temporary concrete sign bases complete with embedded steel poles. These sign bases will weight approximately 90 kg (200 lb.) to prevent them from being stolen and will be square to prevent them from rolling if toppled. They will be positioned away from, or along the edges, of pedestrian routes to prevent impedance of pedestrians. These signs will be mounted at a minimum height of 2 meters per Section 12 of HRM Traffic Control Manual Supplement. Some Pedestrian Management Plan Rendering signs and wayfinding signs will be mounted to existing fences on private property. Additional information related to these items is provided in **Section 5.3**.

4.2.1 Bus Stop Relocation

No bus stops will be affected as a result of the proposed work.

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 **Bruno Builders Inc.**'s rationale for requiring street encroachments.

4.2.4 Pedestrian Management Plan Preparation & Monitoring

Separate Pedestrian Management Plans (PMPs) have been prepared as required for each project phase. PMPs have been prepared by DesignPoint's certified temporary workplace signer (TWS), Aiden McCracken. The PMPs illustrate the proposed signage which will be installed to warn pedestrian traffic ahead of and throughout the construction zone. Pedestrian management features and methods as well as information related to the PMPs and Pedestrian Management Plan Renderings are provided in **Section 5.3** and in **Appendices A through C**.

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 PMPs will be implemented and monitored by **Bruno Builders Inc.** Construction warning signage will be displayed throughout the approaches to, and adjacent to, the project site. **Bruno Builders Inc.** 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 Frontline Traffic Services and **Bruno Builders Inc.**

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 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

Pedestrian Management Plans (PMPs) have been prepared by DesignPoint's certified temporary workplace signer (TWS), Aidan McCracken. Separate PMPs have been prepared as required for each project phase (see **Appendices A and B**). The Pedestrian Management Plans illustrate the pedestrian routes throughout construction and signs which will be erected to warn and direct pedestrians in a safe and convenient manner.

Demolition Phase Pedestrian Management

The Demolition Phase involves removing the existing roof structure, exterior façade, and interior finishes. Throughout this work potential hazards related to falling debris and construction equipment will be present and, as such, it will be unsafe for pedestrians to be within 3 m of the property. Therefore, it is proposed that the existing sidewalk adjacent to the project site on Young Street be shut down and that alternate pedestrian routes be established using pedestrian signage, directing pedestrians around Young Street, Agricola Street, and Kaye Street.

A 1.8 m (minimum) high rigid fence will separate the project site from public property. Sliding gates along Agricola and Young Streets will provide work vehicle and personnel access to the site. This gate will be identified using signage mounted on the gate.

Barrier Installation will take place from the existing parking lot located behind the curb line on site, therefore, will have no impact on pedestrian and or vehicular traffic.

Excavation Phase Pedestrian Management

The primary foundation structure is existing, therefore, there will be no external excavation phases associated with the proposed renovation.

Substructure Phase Pedestrian Management

The primary substructure is existing, therefore, there will be no substructure phase associated with the project.

Superstructure Phase Pedestrian Management

The Superstructure Pedestrian Management Plan is much like the Demolition Phase Pedestrian Management Plan. The sidewalk adjacent to the site along Young Street will remain closed for the duration of the project where there is less than 3.0m of separation between the back of sidewalk and existing building.

Similar to the Demolition Phase, pedestrians will be directed to the eastern sidewalk on Young Street via marked crosswalks at the intersections of Young & Agricola and Young & Robie. See **Appendices A through D** for detailed Pedestrian Management Plans, Renderings and Wayfinding details.

During the Superstructure Phase, there will be select instances, (ie. floor systems & new roof truss deliveries) where Bruno Builders will require the partial closure of Kaye Street directly adjacent to the site to safely crane building materials to higher stories. These closures are required due to the high traffic volumes on Agricola and Youngs Streets in addition to maintaining a safe working distance around overhead electrical wires adjacent to the site. These street closures are intended to be temporary and will take place outside of peak traffic hours. During lifting activities on Kaye Street, **Bruno Builders Inc.** in conjunction with **Frontline Traffic Services** will provide spotters on Kaye, Agricola Street, and Robie Streets to ensure both vehicular and pedestrian traffic are clear from all overhead lifting activities, see **Appendix B** for further details on Pedestrian Management and Traffic Control set ups for Kaye Street temporary closures.

Barrier Removal will take place from the existing parking lot located behind the curb line on site, therefore, will have no impact on pedestrian and or vehicular traffic.

4.2.9 Pre-Project Hazard Assessment

See **Appendix I** for vehicular and pedestrian hazard assessment information which validates **Bruno Builders Inc.**'s rationale for requiring street encroachments.

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.

Ends of F-Type concrete barriers will have reflective tape complete with contrasting colors to assist the visually impaired in navigating their way around this project site. Similar reflective tape with contrasting colors will be provided along the sides of F-Type concrete barriers, near their tops, both on the vehicular traffic side and the pedestrian traffic side.

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 combination of rigid fencing and F-Type barriers complete with plywood hoarding will surround the development. See Section 5.1.4. It will be the contractor's responsibility to regularly inspect the rigid fences/hoardings 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 Hoarding

Throughout all phases of construction, solid plywood hoarding will be designed and certified by a Professional Engineer (P.Eng.) and mounted on F-Type jersey barriers. These will be used in the HRM street ROW, and will form the staging areas. These will be adjacent to work areas to protect pedestrians. All hoarding will be installed as per HRM specifications and guidelines.

5.1.4 Section 5.1.5 – Covered Ways

There are no covered ways anticipated as a result of the project.

5.1.5 Section 5.1.6 – Snow Removal

It will be the contractor's responsibility throughout all construction phases to keep all 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.

5.1.6 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.

5.1.7 Emergency Access & Egress

Along Agricola and Young Streets, the site will be accessible through two separate gates. These gates are 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 these gates. These gates will always remain unlocked when workers are on site so as not to restrict emergency response units from accessing the site. In addition, the entrance gates will be designated "Entrance Gate" and "Exit Gate" as shown in the CMP drawings.

5.1.8 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

Pedestrian Management Plan Renderings and wayfinding signage (see **Section 5.3**) will improve project site aesthetics and provide the public with information related to the project and nearby amenities. In addition, throughout all phases of the project, the contractor shall regularly inspect the project site and adjacent areas and keep these areas clean and free of debris, snow, and ice.

5.3 SIGNAGE

5.3.1 Project Management Plan Renderings

Pedestrian Management Plan Renderings (PMPRs) will be mounted at the locations identified on the PMPs to assist pedestrians in navigating around the project site and to keep the public informed of general project details and project contact information. PMPRs will be located at pedestrian pinch points to give pedestrians advanced warnings to possible obstructions due to construction activities. PMPRs for this project will be located at:

- a) Agricola & Kaye Street
- b) Agricola & Young Street
- c) Encroachment Corners

These PMPRs will be printed on sign boards no less than 900 mm x 600 mm in dimension and will be placed at the project site a minimum of 10 days prior to the commencement of work. PMPRs are provided in **Appendix C**.

PMPR signs will be mounted to existing poles and fences. The owner has obtained written letters from property owners on whose property's signs are to be mounted.

PMPRs have been provided for each project phase and reflect the PMPs outlined in **Section 4.2**. They identify:

- a) Pedestrian travel routes;
- b) The location of the project site;
- c) Street names;
- d) Names and locations of nearby businesses and points of interest;
- e) Bus stop locations;
- f) Alternative parking locations;
- g) Emergency contact information; and
- h) Braille text indicating the above items.

5.3.2 Pedestrian Detour Wayfinding

Wayfinding signs will be mounted at the locations identified on the PMPs to assist pedestrians in navigating around the project site directing them to local points of interest. These signs will be aesthetically pleasing and are meant to encourage the public to continue using public spaces and visiting local businesses during construction activities. Together with PMPRs, wayfinding signs will be located at pedestrian pinch points to give pedestrians advanced warnings to possible obstructions due to construction activities. Wayfinding signs for this project will be located at:

- a. Young Street & Robie Street
- b) Young Street & Hilford Street
- c) Young Street Agricola Street
- d) Kaye Street & Robie Street (Temporary Crane Set Up)
- e) Kaye Street & Hilford Street (Temporary Crane Set Up)
- f) Kaye Street & Agricola Street (Temporary Crane Set Up)

These signs will be printed on sign boards no larger than 280 mm x 435 mm in dimension and installed at heights not less than 1.0 m. Wayfinding signs are provided in **Appendix D**. This signage will be provided during all project phases and will include:

- a) The pedestrian's current location;
- b) Directional arrows to nearby businesses and points of interest;
- c) Emergency contact information;
- d) Miniature versions of the PMPRs; and
- e) Braille text indicating the above items.

Wayfinding signs will be mounted to existing poles and fences. The owner has obtained written letters from property owners on whose property's signs are to be mounted.

6.0 LIFTING, HOISTING AND CRANE OPERATIONS

6.1 NAVIGATION CANADA & TRANSPORT CANADA REGULATORY APPROVALS

At time it is not anticipated that the project will require the use of a tower crane.

If it is determined that the use of a tower crane is required at any point during the duration of the project, approved clearance applications from both NAV Canada and Transport Canada will be obtained prior to the crane's delivery and erection.

6.2 OPERATIONS ABOVE THE PUBLIC REALM

As described in Sections 4.1 & 4.2, periodic temporary crane set ups will be required on Kaye Street to complete the construction of the new floor and roof system. During this process, Kaye Street will be closed to both pedestrian and vehicular traffic between Hilford Street and Agricola Streets while lifting activities take place. In addition to the closure, **Bruno Builders Inc.** and **Frontline Traffic Services** are to provide spotters on Kaye Street, Agricola Street and Young Street to ensure no pedestrians and or vehicles are at risk due to overhead lifting activities.

In addition, when lifting around and or over existing utility wires, **Bruno Builders Inc.** and their subcontractors are to coordinate all work with appropriate utilities (NSP, Bell, Telus etc.) and ensure adequate clearances are maintained as per each individual utility's specifications.

See **Appendix B** for further details on lifting set up.

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 **Appendices A and B**). 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, **Bruno Builders Inc.** emergency contact information will be prominently posted on Pedestrian Management Plan Renderings and wayfinding signs.

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. A designated smoking area within the project boundary, away from the HRM Right of Way, will be designated prior to the start of construction.

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

Encroachments will be used to create a loading zone within the project boundary (Young, Agricola & Kaye Streets) to allow for safe material handling, loading and unloading, deliveries, and vehicle staging. Barriers and fencing in this area will separate construction activities from public traffic. This loading area is identified in the Encroachment Plans. 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.

Agricola and Young Streets are “Peak Hour Restricted” as per the HRM Traffic Control Supplement. As such, deliveries to and from the site will be scheduled between 9:00 a.m. and 4:00 p.m. to avoid disruptions to neighboring businesses.

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 owns a street cleaner which will be used regularly to sweep streets and travel ways in and around the project site. Pedestrian travel ways will be hand swept daily, or more frequently as required. The contractor will also 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). All water on site will be treated and pumped to an adjacent catch basin in accordance with HRM Bylaw W-101. 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 the catch basin directly adjacent to the project site. The sediment trap in this catch basin will provide further protection against storm system sedimentation.

7.3.3 Noise Pollution

The contractor will always adhere to the HRM Noise Bylaw (N-200). No work will take place on the project site outside those hours identified in **Section 2** of this report.

7.3.4 Dust Pollution

As outlined in **Section 5.1** of this report, fencing and opaque mesh will assist in preventing the spread of dust throughout the project site. The opaque mesh is digitally printed Ultraex 8 oz vinyl hoarding banners. Each banner is 108 inches by 60 inches and reinforced with nylon webbing and grommets every 2 feet.

In addition to the fencing and opaque mesh, 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 not occur for more than 3 minutes at a time. 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, Truly Nolen, 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

Truly Nolen 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. Will be implemented 2 weeks prior to demolition. Bait stations (traps) will be placed approximately every 15 meters (50 feet) as outlined in the NPMA Pest Management Standards for Food Processing & Handling Facilities. 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.

Truly Nolen will implement rodent control measures 2 weeks prior to demolition activities. During construction phases (demolition, excavation, substructure, and superstructure), additional bait stations will be set within the HRM ROW. See the Rodent Control Plan Drawing in Appendix G for bait station and baited 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.

A rodent control package will always be kept on site and be housed in the project site office trailer. It will include copies of Truly Nolen's certifications, letters of good standing, letters of conformance, technician names and licenses, rodent control plans, and rodent control records. Truly Nolen 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, Truly Nolen 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

Subject to approval by HRM Right-of-Way Services, temporary lighting used to illuminate temporary walkways will adhere to the ANSI/IES RP-8-14 Roadway Lighting Guidelines. The design of the lighting will be completed by a Professional Engineer (P.Eng.) registered in the province of Nova Scotia such that it does not negatively impact adjacent properties.

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.

8.0 COMMUNITY ENGAGEMENT & NOTIFICATION

8.1 PRE-CMP COMMUNITY ENGAGEMENT

The owner and contractor have been in contact with neighbors over the past month to discuss the proposed work. They further intend to distribute community consultation letters to neighboring property owners in the immediate vicinity of the project.

A sample of the letter that was distributed is provided in **Appendix F**.

During construction, project contact information will be easily identifiable on Pedestrian Management Plan Renderings (PMPRs) and wayfinding signage which will be posted around the project site as identified in the Pedestrian Management Plans (PMPs) and **Appendices A through C**.

8.2 SCHEDULED COMMUNITY NOTIFICATIONS

As mentioned in Section 8.1, major project updates will be sent to the community periodically throughout construction. HRM Development Engineering will receive copies of all correspondence that is sent to the public.

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 days prior to the disruption. These notifications will be hand delivered and the contractor will keep and maintain a list of all effectively notified property owners such that they ensure all affected parties are notified. The contractor 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 F**.

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**).

Regards,



Ben Smyth, Project Engineer

Design Point Engineering & Surveying Ltd.

APPENDICES

APPENDIX A – DEMOLITION/SUPERSTRUCTURE PHASE CMP DRAWINGS

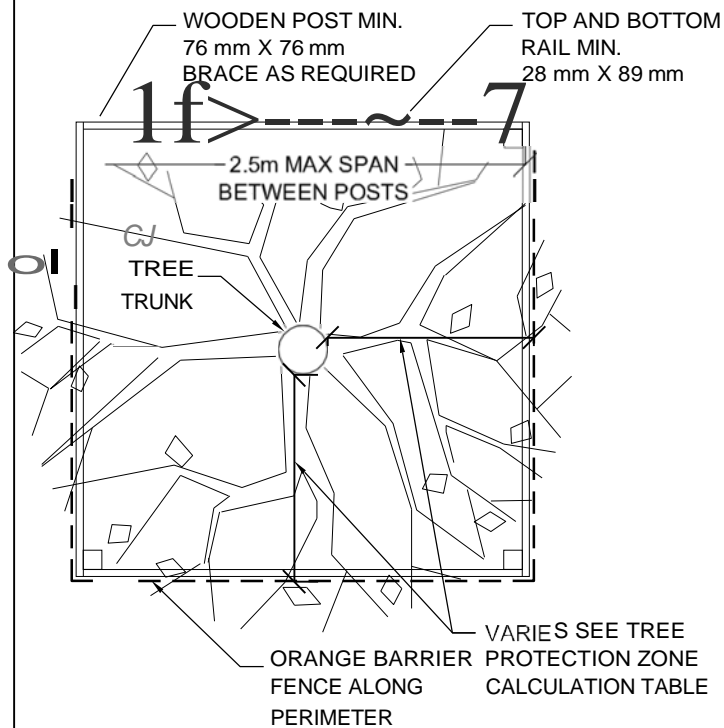
Tree Protection Detail

Encroachment Plan

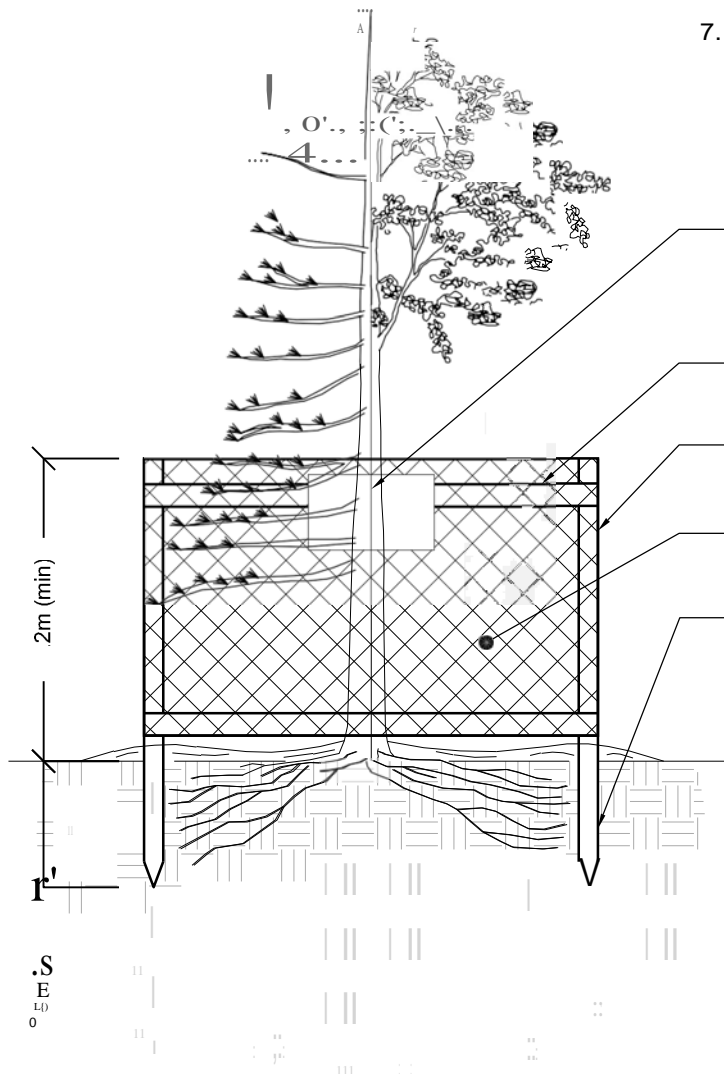
Pedestrian Management Plan

Haul Route Plan – All Phases

PLAN VIEW



PROFILE VIEW



TREE PROTECTION ZONE CALCULATION TABLE

TRUNK DIAMETER (DBH)	MINIMUM PROTECTION DISTANCE REQUIRED (MEASURE FROM THE OUTSIDE EDGE OF TREE TRUNK)
10 CM & UNDER	1.2 METERS
11 - 30 CM	2.0 METERS
31-40CM	3.4 METERS
41-50CM	4.6 METERS
51 - 60 CM	6.0 METERS
61 - 70 CM	7.0 METERS
71 - 80 CM	8.0 METERS
>80CM	9.0 METERS

NOTES:

1. WOOD POST: (MIN. 76mm WIDTH) INSTALLED TO A DEPTH OF 500mm (UNDERGROUND LOCATES REQUIRED)
2. TOP AND BOTTOM RAIL: (MIN. 38 X 89mm CONSTRUCTION, MAX. SPAN 2.5m), CROSS BRACING AS REQUIRED.
3. HEIGHT OF THE FENCE: MIN.1.2 METERS
4. NO GROUND DISTURBANCE WITHIN 1.2 METER OF THE TREE TRUNK (I.E. POST INSTALLATION)
5. POSTS SET BACK FROM SIDEWALK AND CURB: MIN 300mm
6. FENCE MATERIAL: MINIMUM ORANGE BARRIER FENCE OR METAL CHAIN LINK FENCE
7. ATTACH A SIGN ON TWO SIDES OF THE TREE "PROTECTION ZONE DO NOT REMOVE FENCE DURING CONSTRUCTION"

HALIFAX

STANDARD DETAIL

TREE PROTECTION ZONE & BARRIER

DATE: 2019	REFERENCE:	APPROVED:
SCALE: NTS		FIG NO:

GENERAL CONSTRUCTION NOTES:

- SAFETY IS PARAMOUNT AND THE CONTRACTOR MUST USE SAFE WORK PRACTICES IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT.
- CONTRACTOR TO NOTIFY DESIGNPOINT AND HRM REGARDING CONSTRUCTION SCHEDULING PRIOR TO COMMENCING CONSTRUCTION.
- MATERIALS SHALL NOT BE SUBSTITUTED UNLESS PRIOR APPROVAL IS PROVIDED BY THE ENGINEER.
- SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
- LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION. CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING INFRASTRUCTURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS.
- CONTRACTOR TO NOTIFY AFFECTED PROPERTY OWNERS WHEN THEY WILL EXPERIENCE DISRUPTIONS DURING WORK (PROPERTY ACCESS, SERVICE LOSS, POWER/COMMUNICATION LOSS, ETC.) AT LEAST 48 HOURS PRIOR TO THE DISRUPTION.
- DRAWINGS SUBJECT TO CONSTRUCTION APPROVAL BY THE APPLICABLE APPROVAL AGENCIES PRIOR TO CONSTRUCTION.
- COORDINATE WITH HRM REGARDING THE TIMING OF TRAFFIC CONTROL AND PAINTED LINWORK, REFER TO THE NOVA SCOTIA TEMPORARY WORK PLACE TRAFFIC CONTROL MANUAL (LATEST EDITION).
- ALL TEMPORARY ROAD CLOSURES WILL REQUIRE APPROVAL FROM HRM.
- DRAWING CP-05 IS THE PRIMARY TRAFFIC CONTROL SET UP EXPECTED DURING CONSTRUCTION. IT IS EXPECTED THAT MODIFICATIONS TO THOSE PROPOSED SET UPS AND/OR ADDITIONAL SET UPS WILL BE REQUIRED DURING THE COURSE OF THE PROJECT. CIVIL EXCAVATION CONTRACTOR IS RESPONSIBLE TO PROVIDE FINALIZED SITE SPECIFIC TRAFFIC CONTROL PLANS REVIEWED BY A CERTIFIED WORKPLACE SIGNER (TWS) TO HRM FOR REVIEW PRIOR TO COMMENCING CONSTRUCTION.

SITE SIGNAGE DETAILS

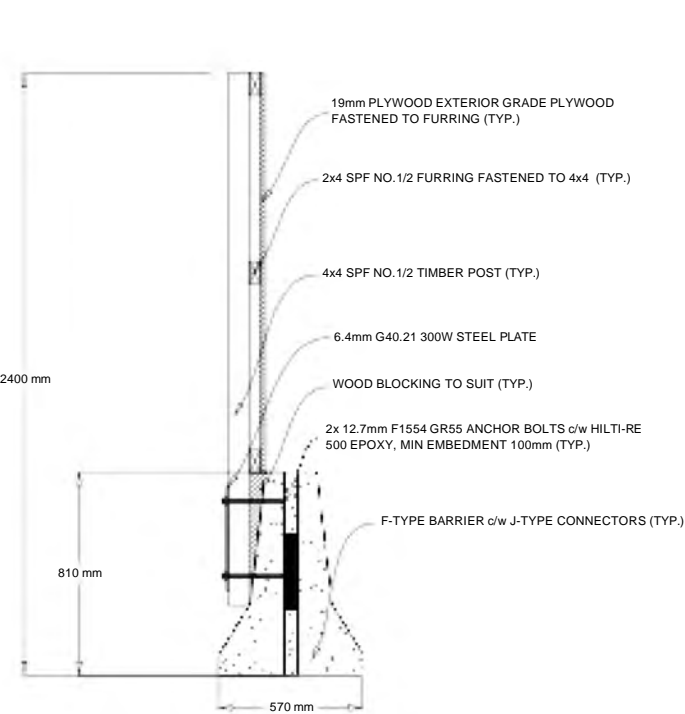
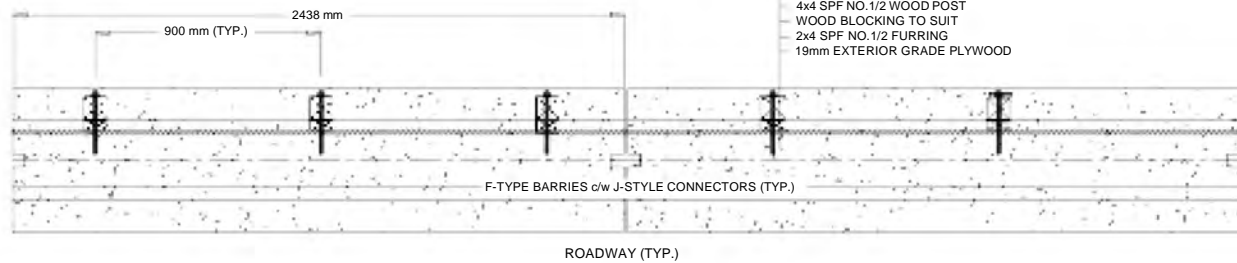
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HOARDING CONNECTION LAYOUT

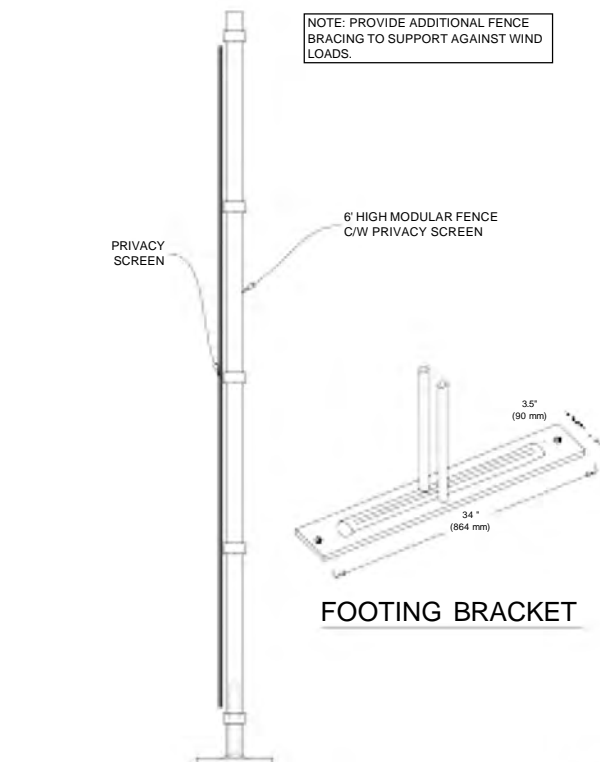
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- 2x 12.7mm F1554 GR55 ANCHOR BOLT c/w HILT-RE 500 V3, MIN EMBEDMENT 100mm
- 6.4mm G40.21 300W STEEL PLATE
- 4x4 SPF NO.1/2 WOOD POST
- WOOD BLOCKING TO SUIT
- 2x4 SPF NO.1/2 FURRING
- 19mm EXTERIOR GRADE PLYWOOD



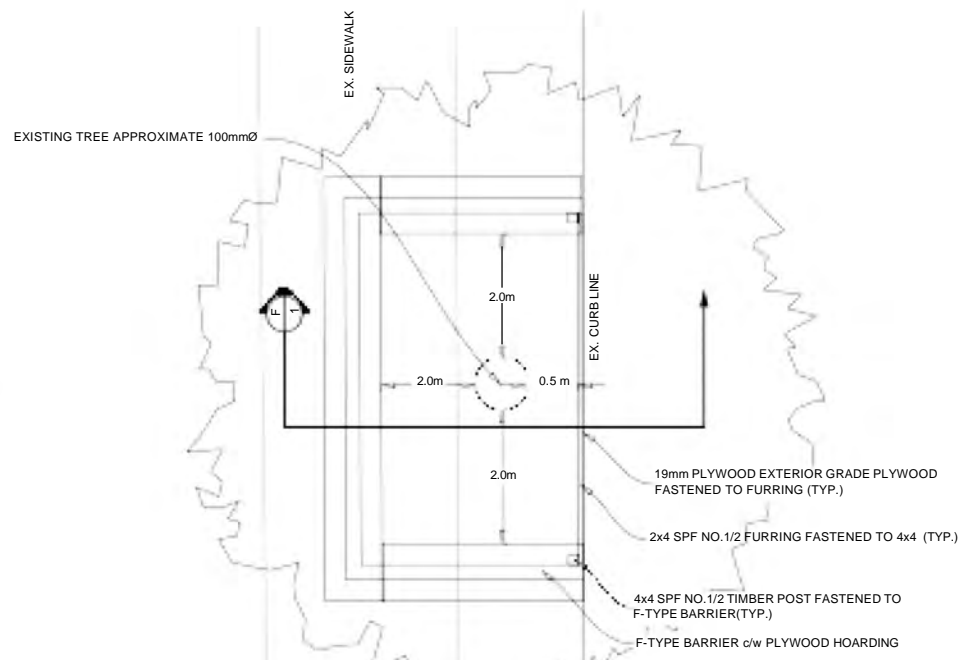
HOARDING CROSS SECTION

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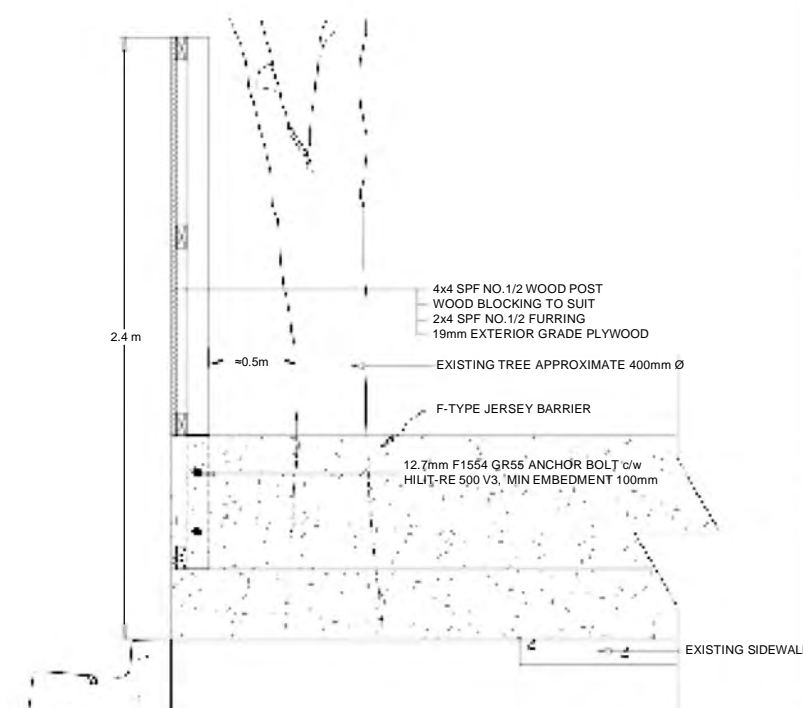
FENCE AND PRIVACY SCREEN DETAIL

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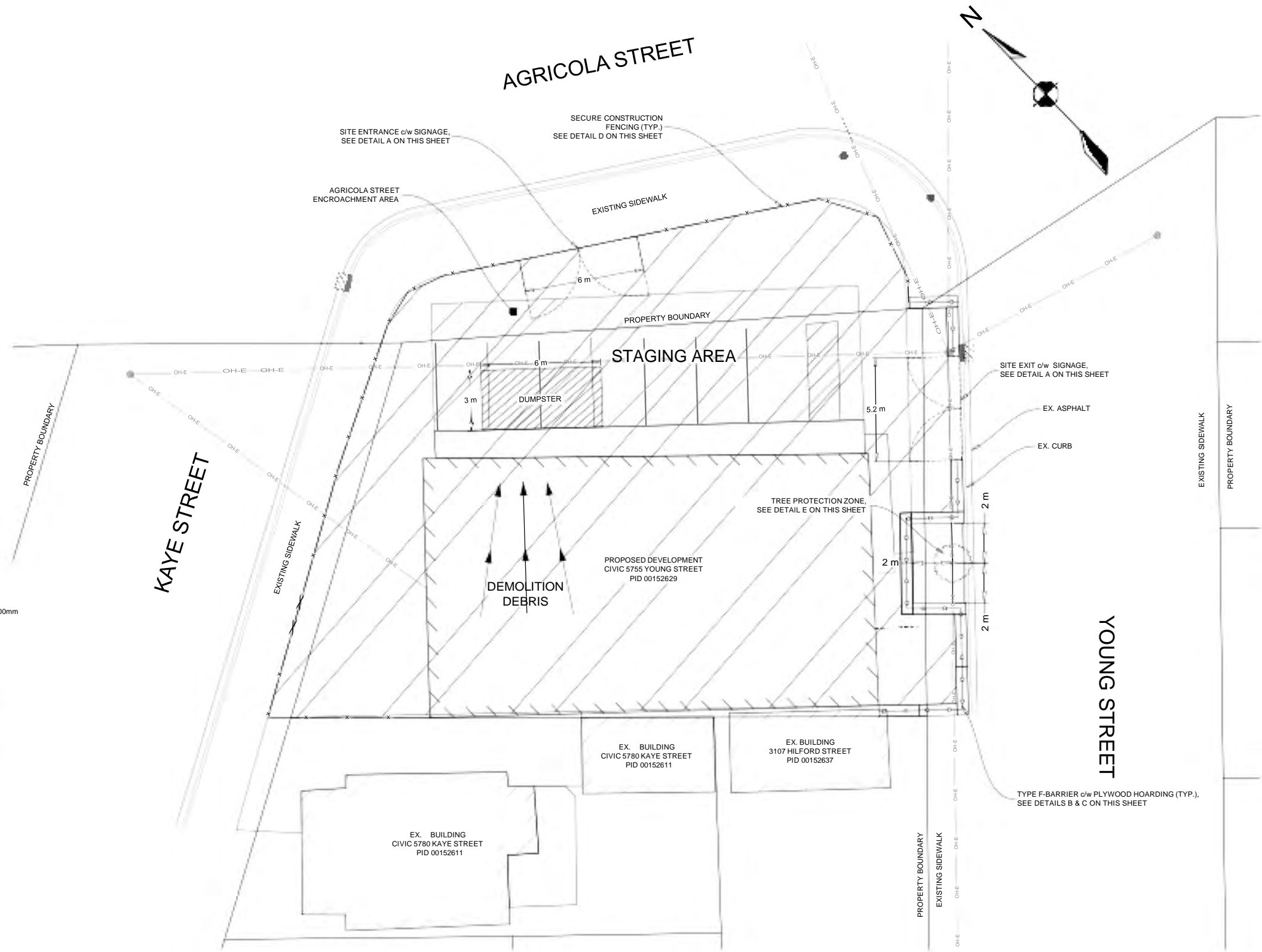
TREE PROTECTION DETAIL

E
01



TREE PROTECTION DETAIL

F
01



ISSUE	DATE	DESCRIPTION
2	JUN. 1, 2022	REVISED AS PER HRM COMMENTS
1	MAR. 3, 2022	ISSUED FOR REVIEW

CONSULTANT

DESIGNPOINT
engineering • surveying • solutions
902.832.5597
designpoint.ca

CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET
HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

ENCROACHMENT PLAN

Drawn
M. KIDD

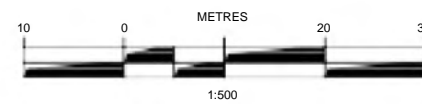
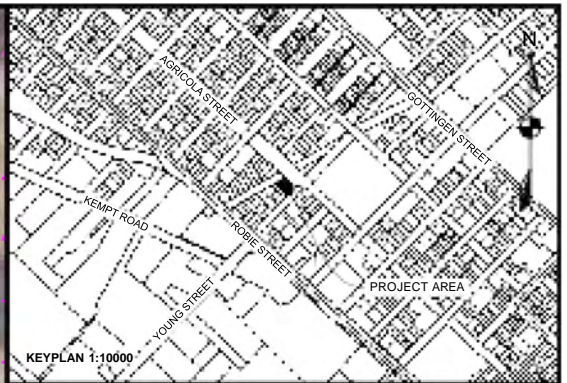
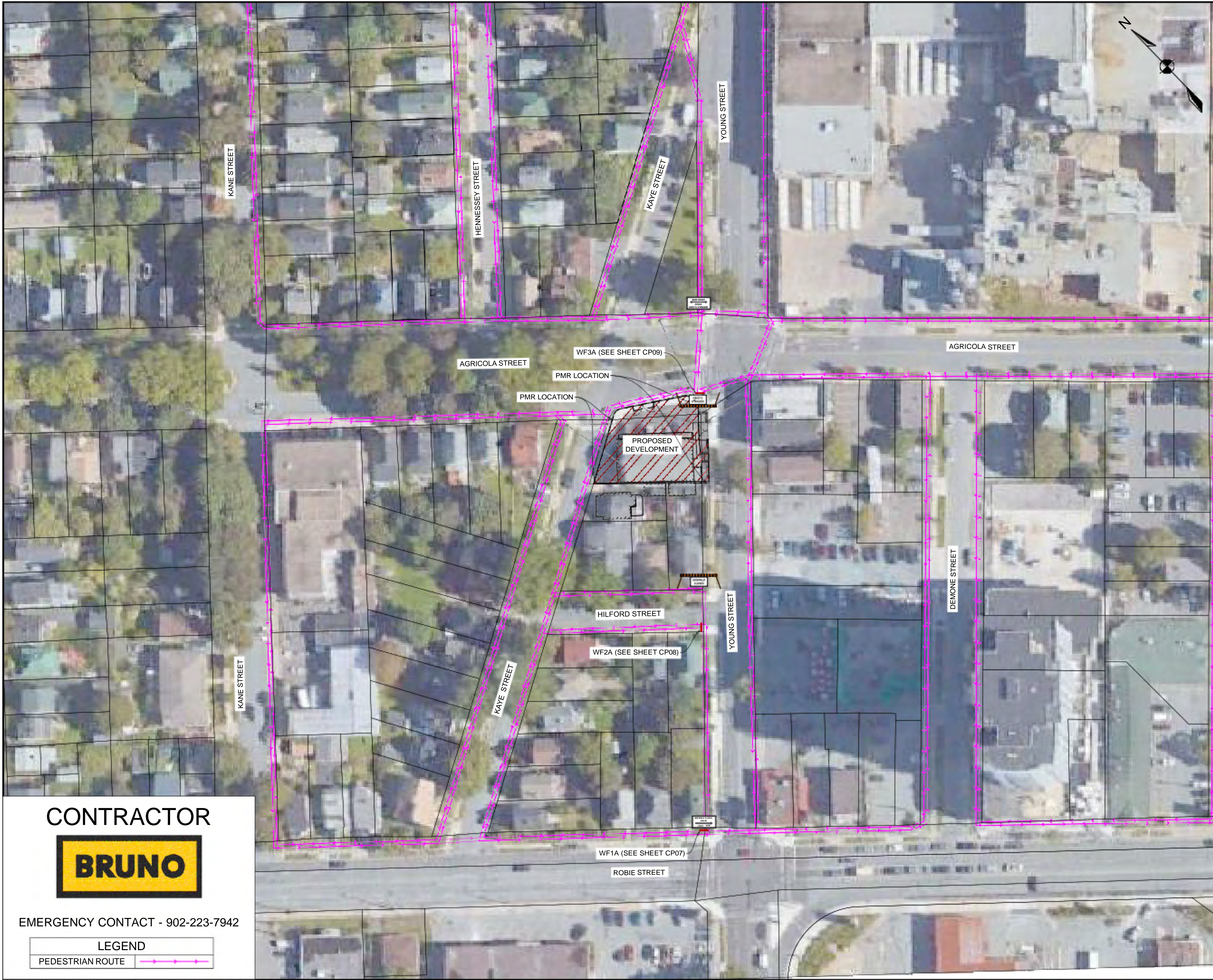
Engineer
B. SMYTH

Project No.
22-014

Scale
1:150

Drawing No.
CP-01

1 of 13



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPOINT
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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA

SHEET DESCRIPTION

PEDESTRIAN MANAGEMENT PLAN

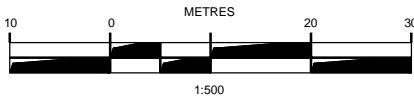
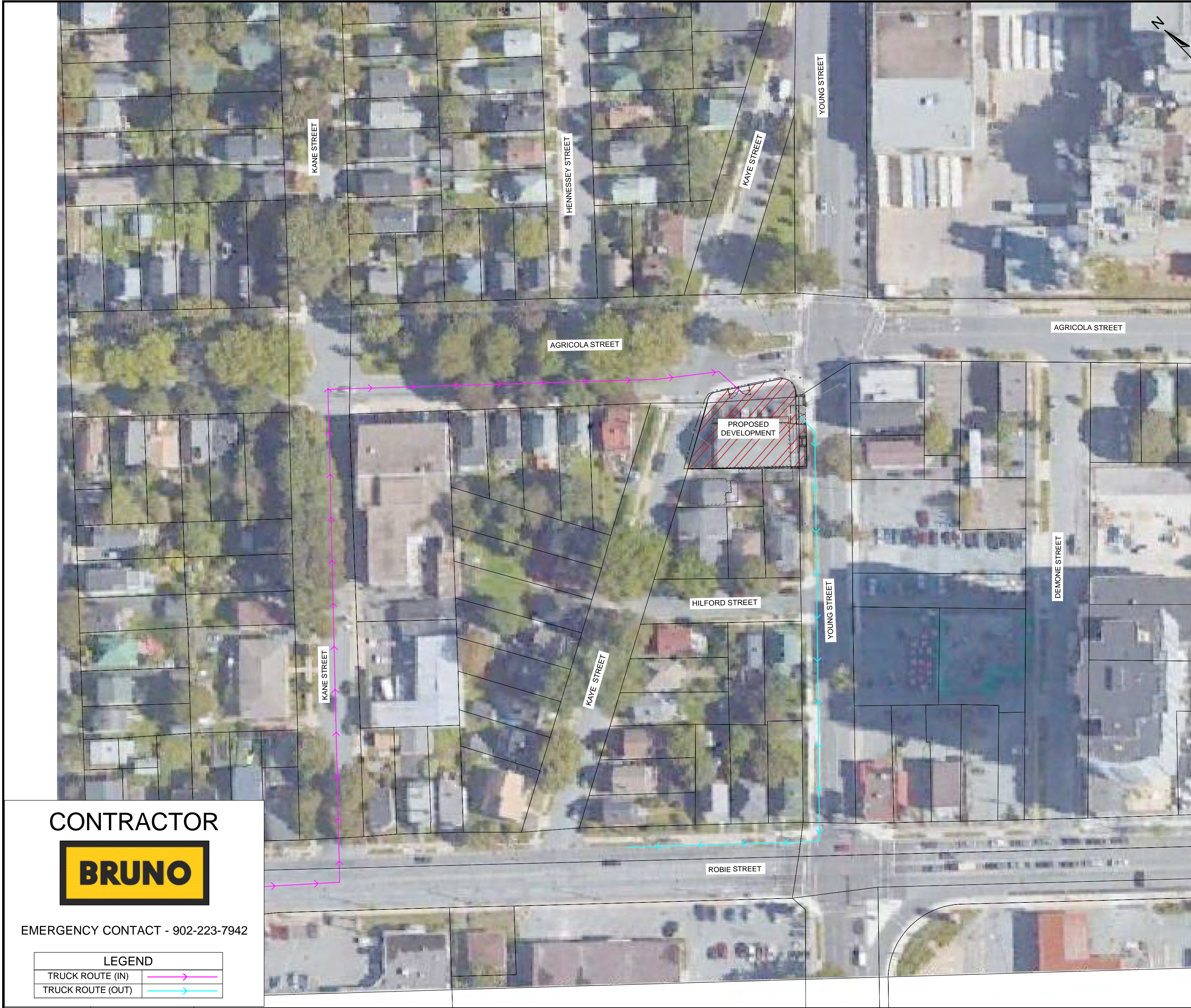
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CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA

SHEET DESCRIPTION

HAUL ROUTE PLAN

Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-03
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CONTRACTOR



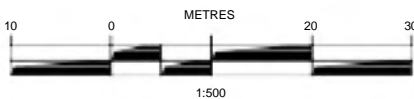
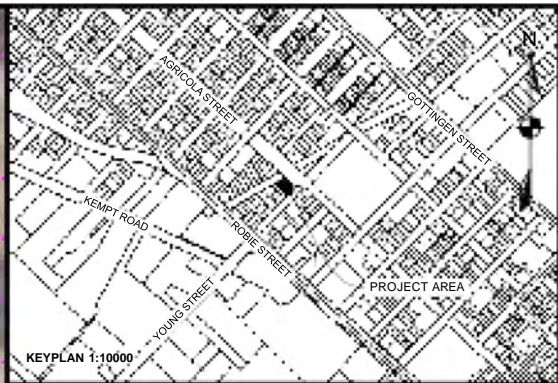
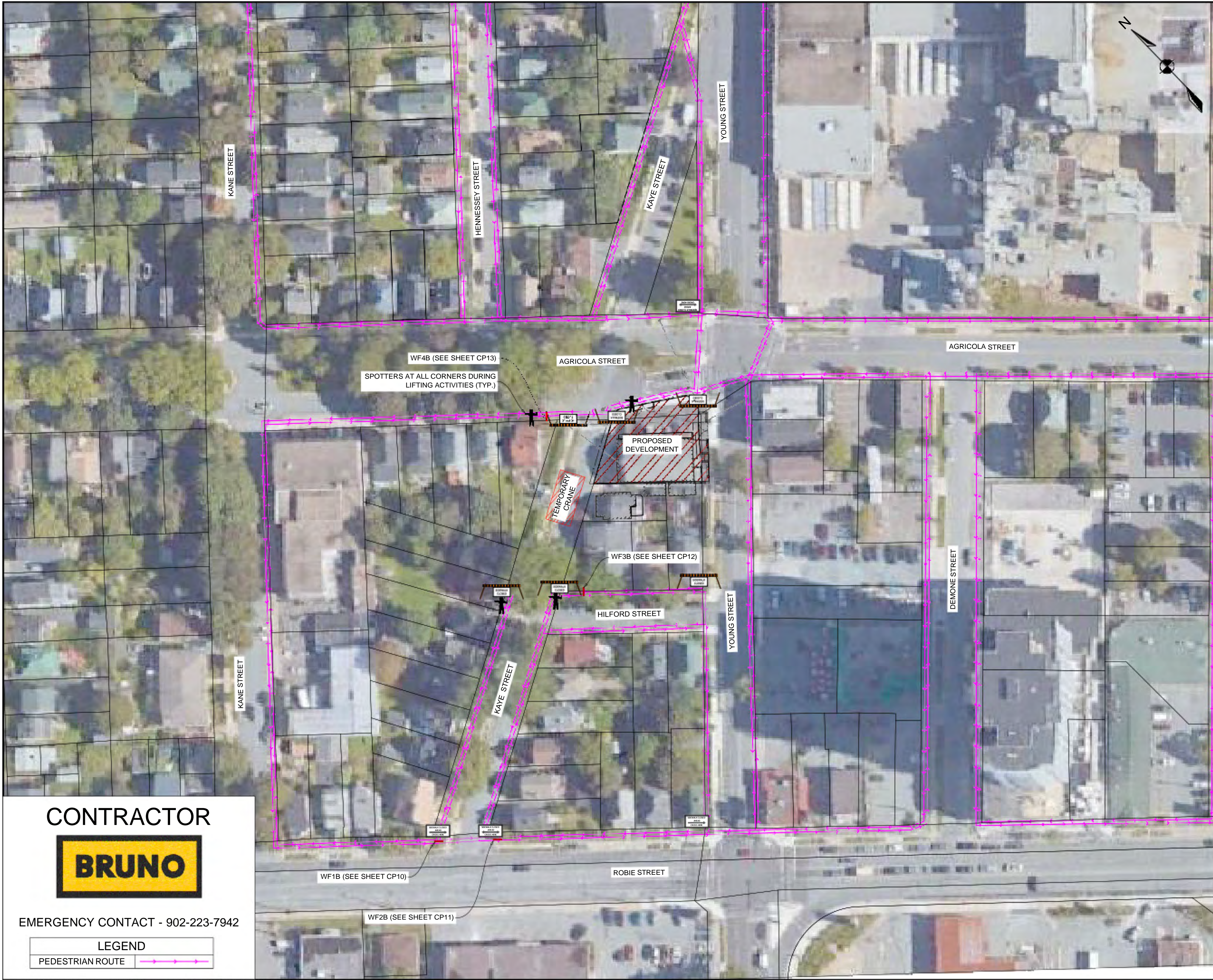
EMERGENCY CONTACT - 902-223-7942

LEGEND	
TRUCK ROUTE (IN)	
TRUCK ROUTE (OUT)	

APPENDIX B – KAYE STREET – TEMPORARY CLOSURE

Pedestrian Management Plan

Traffic Control Plan



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
		CONSULTANT

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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN MANAGEMENT PLAN
KAYE STREET CLOSURE

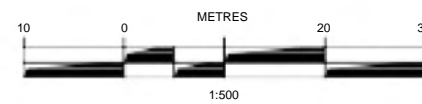
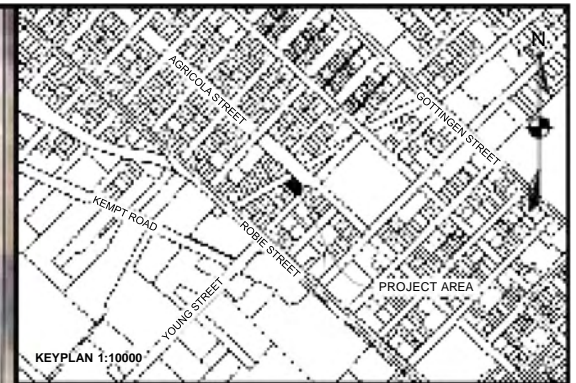
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CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

CONSULTANT

DESIGNPOINT
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TEMPORARY WORKPLACE SIGNER:
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(902) 718-7774
aidan.mccracken@designpoint.ca
222 WATERFRONT DRIVE, SUITE 104
BEDFORD, NOVA SCOTIA
B4A 0G3

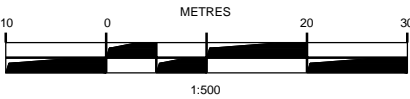
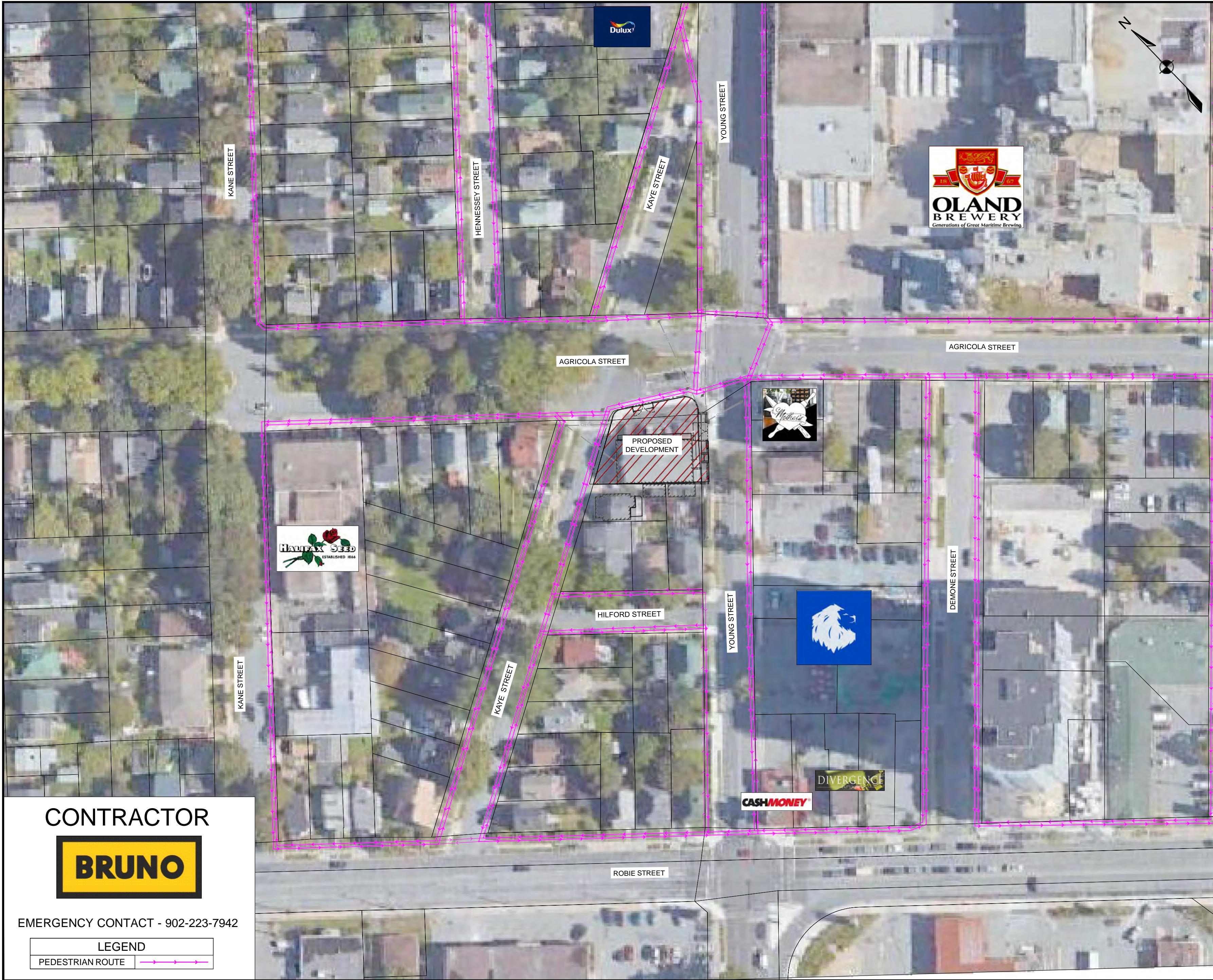
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PROJECT DESCRIPTION			
5755 YOUNG STREET			
HALIFAX, NOVA SCOTIA			
SHEET DESCRIPTION			
TRAFFIC CONTROL PLAN			
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-05
Scale 1:500	Filename 22-014_CMP.dwg	5 of 13	

- GENERAL CONSTRUCTION NOTES:**
- SAFETY IS PARAMOUNT AND THE CONTRACTOR MUST USE SAFE WORK PRACTICES IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT.
 - CONTRACTOR TO NOTIFY DESIGNPOINT AND HRM REGARDING CONSTRUCTION SCHEDULING PRIOR TO COMMENCING CONSTRUCTION.
 - SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
 - LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION. CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING INFRASTRUCTURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
 - CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS.
 - CONTRACTOR TO NOTIFY AFFECTED PROPERTY OWNERS WHEN THEY WILL EXPERIENCE DISRUPTIONS DURING WORK (PROPERTY ACCESS, SERVICE LOSS, POWER/COMMUNICATION LOSS, ETC.) AT LEAST 48 HOURS PRIOR TO THE DISRUPTION.
 - DRAWINGS SUBJECT TO CONSTRUCTION APPROVAL BY THE APPLICABLE APPROVAL AGENCIES PRIOR TO CONSTRUCTION.
 - COORDINATE WITH HRM REGARDING THE TIMING OF TRAFFIC CONTROL AND PAINTED LINEWORK. REFER TO THE NOVA SCOTIA TEMPORARY WORK PLACE TRAFFIC CONTROL MANUAL (LATEST EDITION).
 - ALL TEMPORARY ROAD CLOSURES WILL REQUIRE APPROVAL FROM HRM.
 - IT IS EXPECTED THAT MODIFICATIONS TO THIS PROPOSED SET UP AND/OR ADDITIONAL SET UPS WILL BE REQUIRED DURING THE COURSE OF THE PROJECT. CIVIL EXCAVATION CONTRACTOR IS RESPONSIBLE TO PROVIDE FINALIZED SITE SPECIFIC TRAFFIC CONTROL PLANS REVIEWED BY A CERTIFIED WORKPLACE SIGNER (TWS) TO HRM FOR REVIEW PRIOR TO COMMENCING CONSTRUCTION.

APPENDIX C – PEDESTRIAN MANAGEMENT PLAN RENDERING

Pedestrian Management Plan Rendering



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPOINT
engineering • surveying • solutions

902.832.5597designpoint.ca

CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET
HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN RENDERING

Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-06
Scale 1:500	Filename 22-014_CMP.dwg	6 of 13	

CONTRACTOR

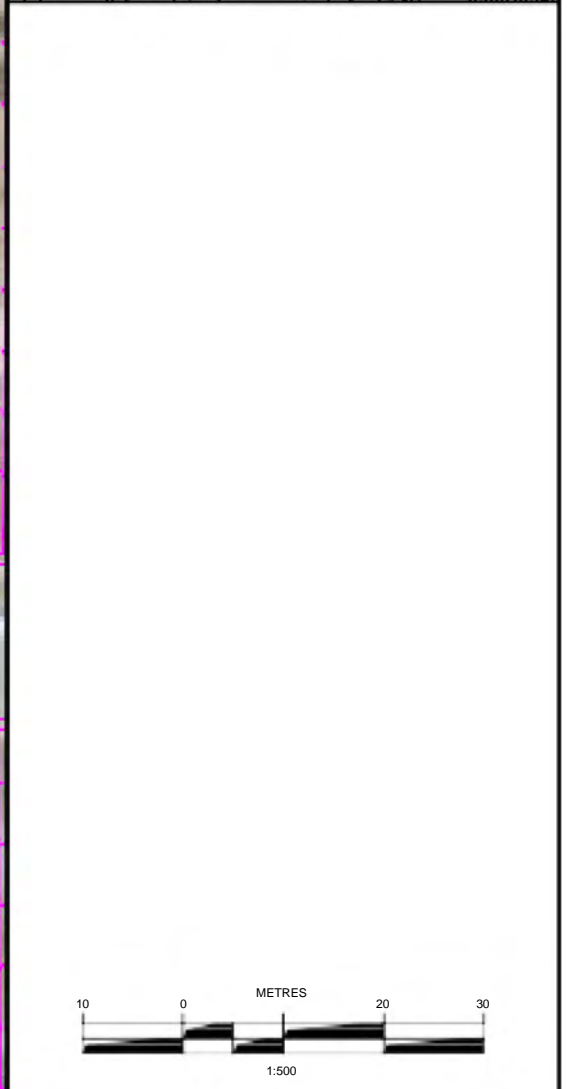
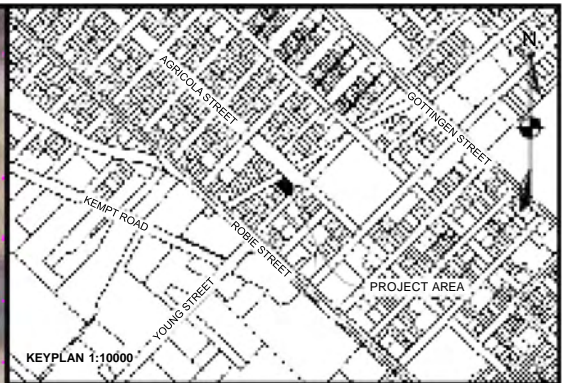
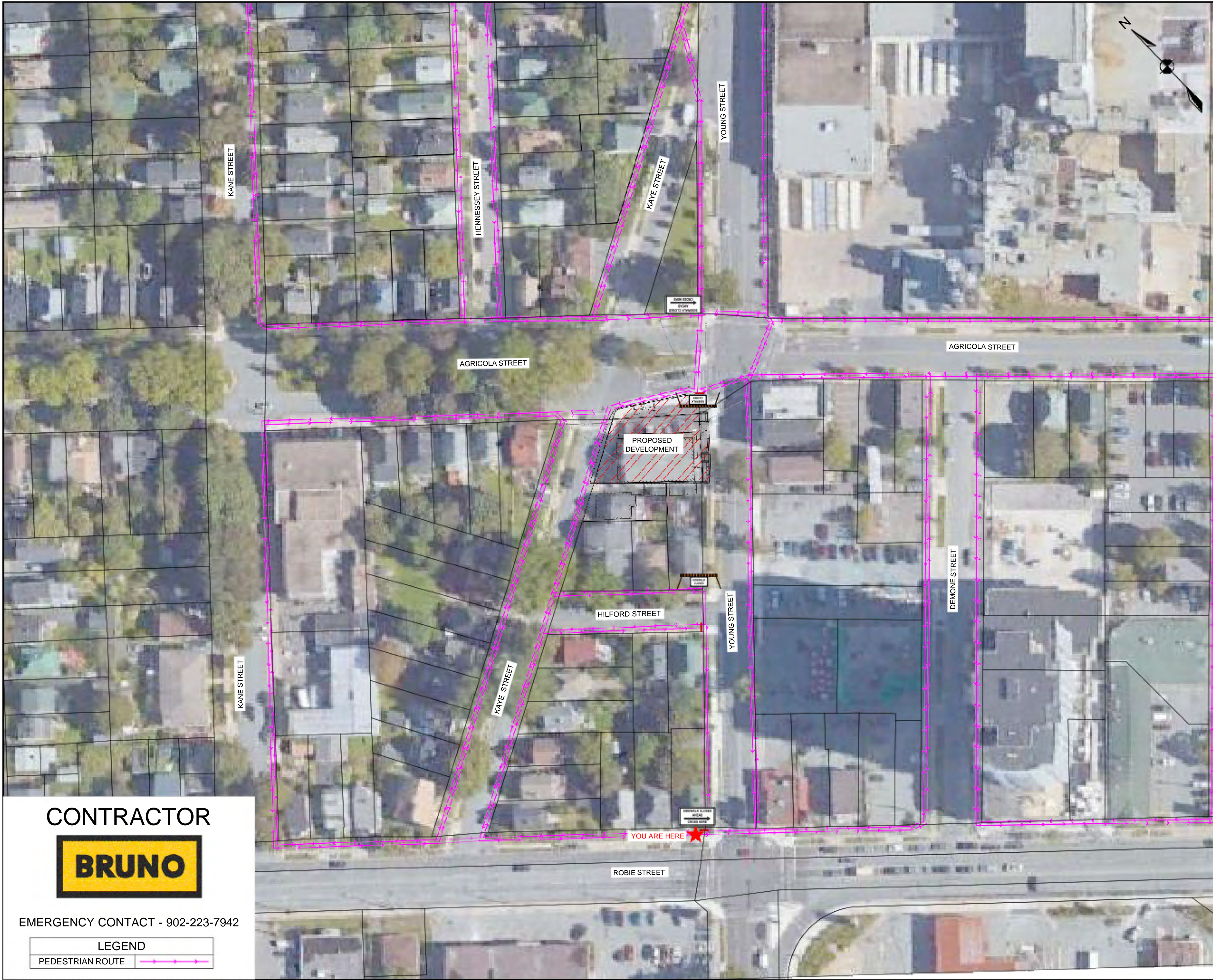


EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	

APPENDIX D – WAYFINDING SIGNAGE

Kay Street Closure



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

CONSULTANT

DESIGNPOINT
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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA

SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 1A

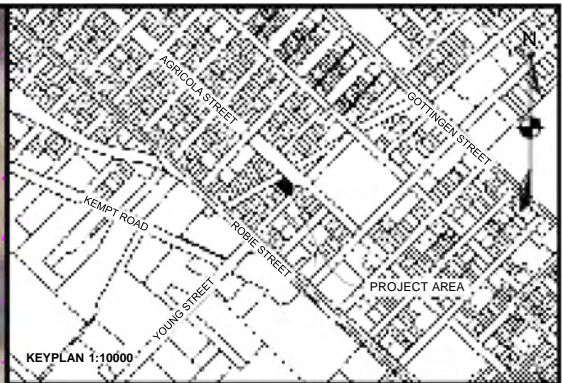
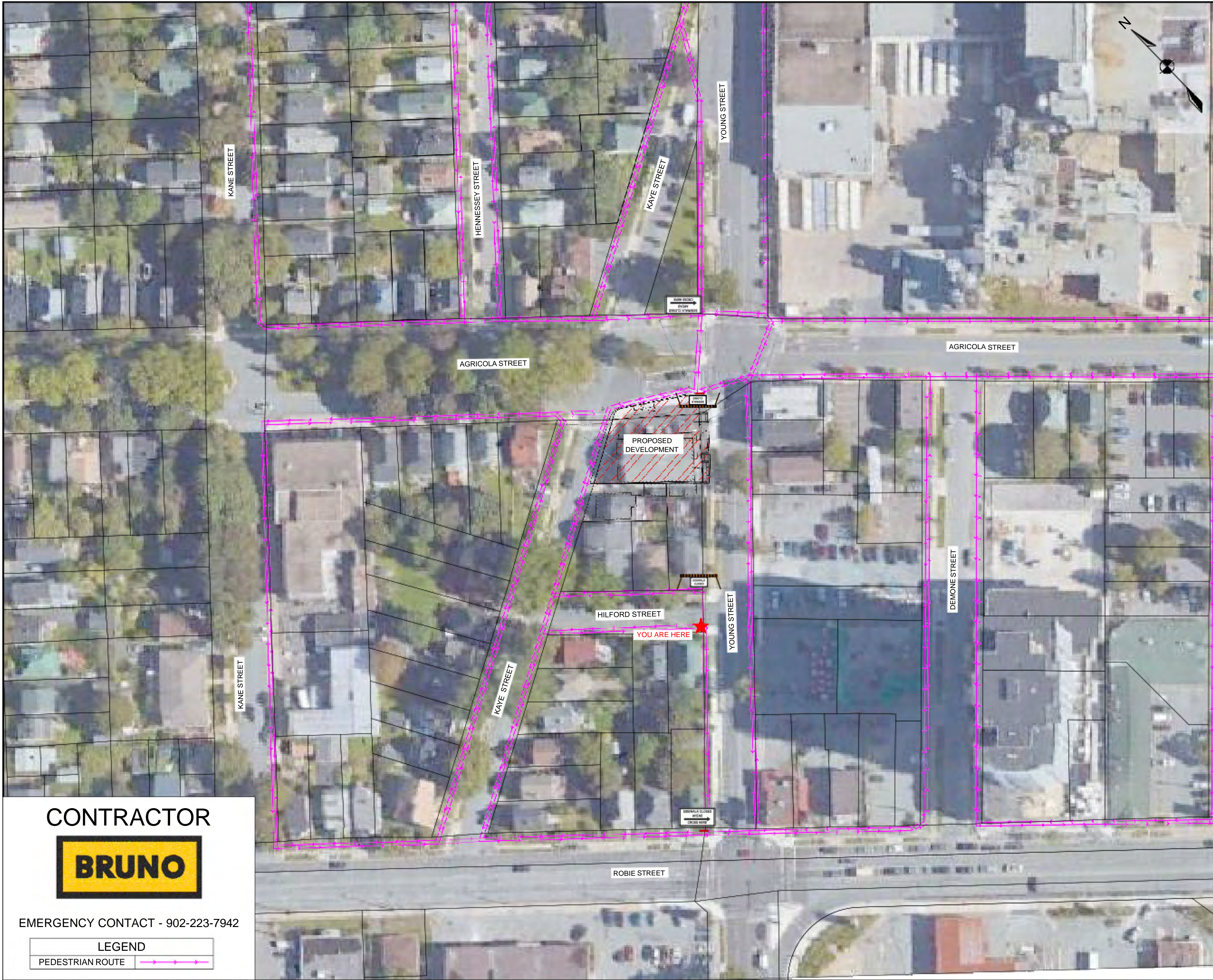
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-07
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg	7 of 13	

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND
PEDESTRIAN ROUTE



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

CONSULTANT

DESIGNPOINT
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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA

SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 2A

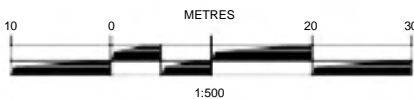
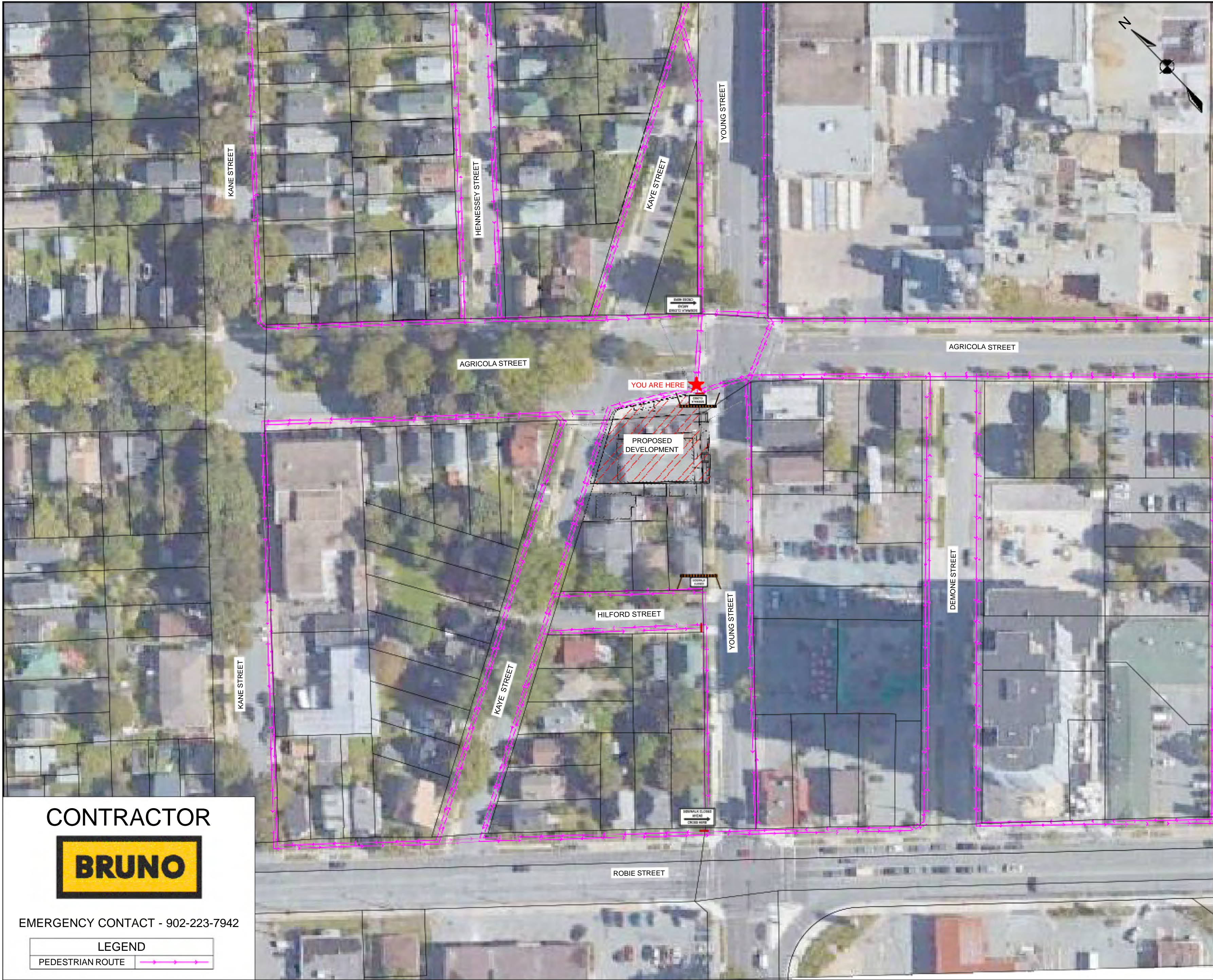
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-08
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg		8 of 13

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

CONSULTANT

DESIGNPOINT
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designpoint.ca

CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 3A

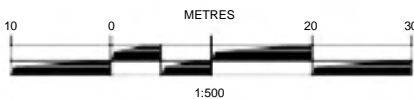
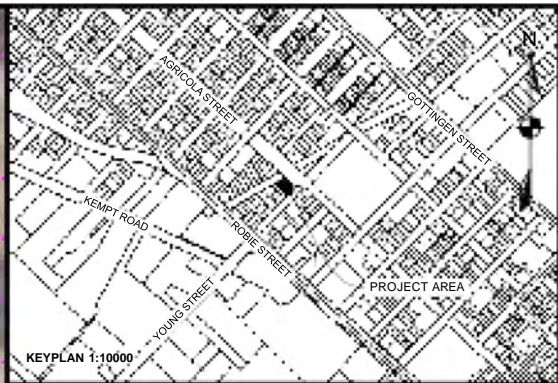
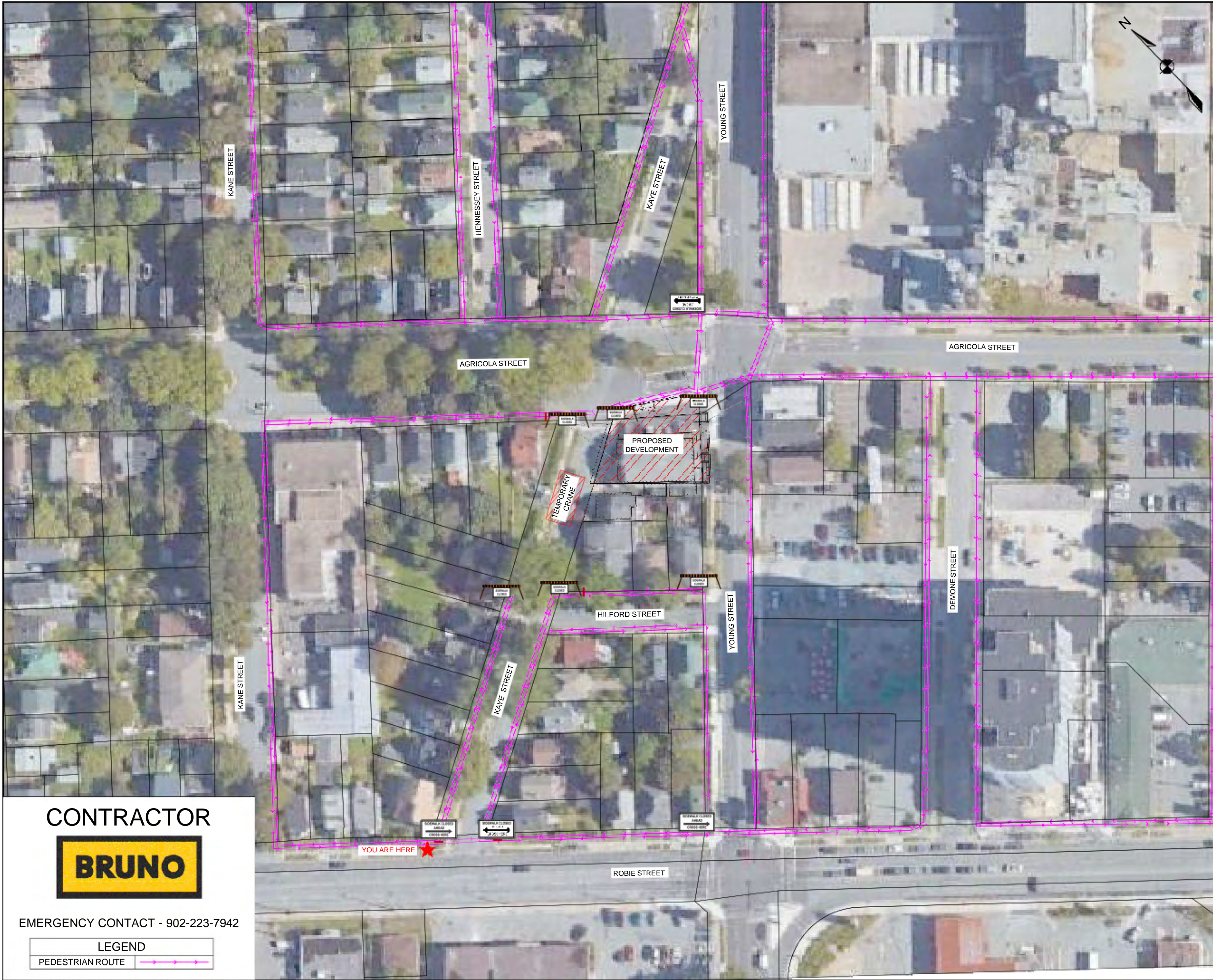
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-09
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg		9 of 13

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 1B

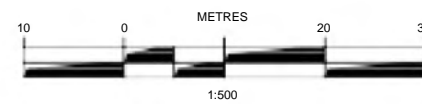
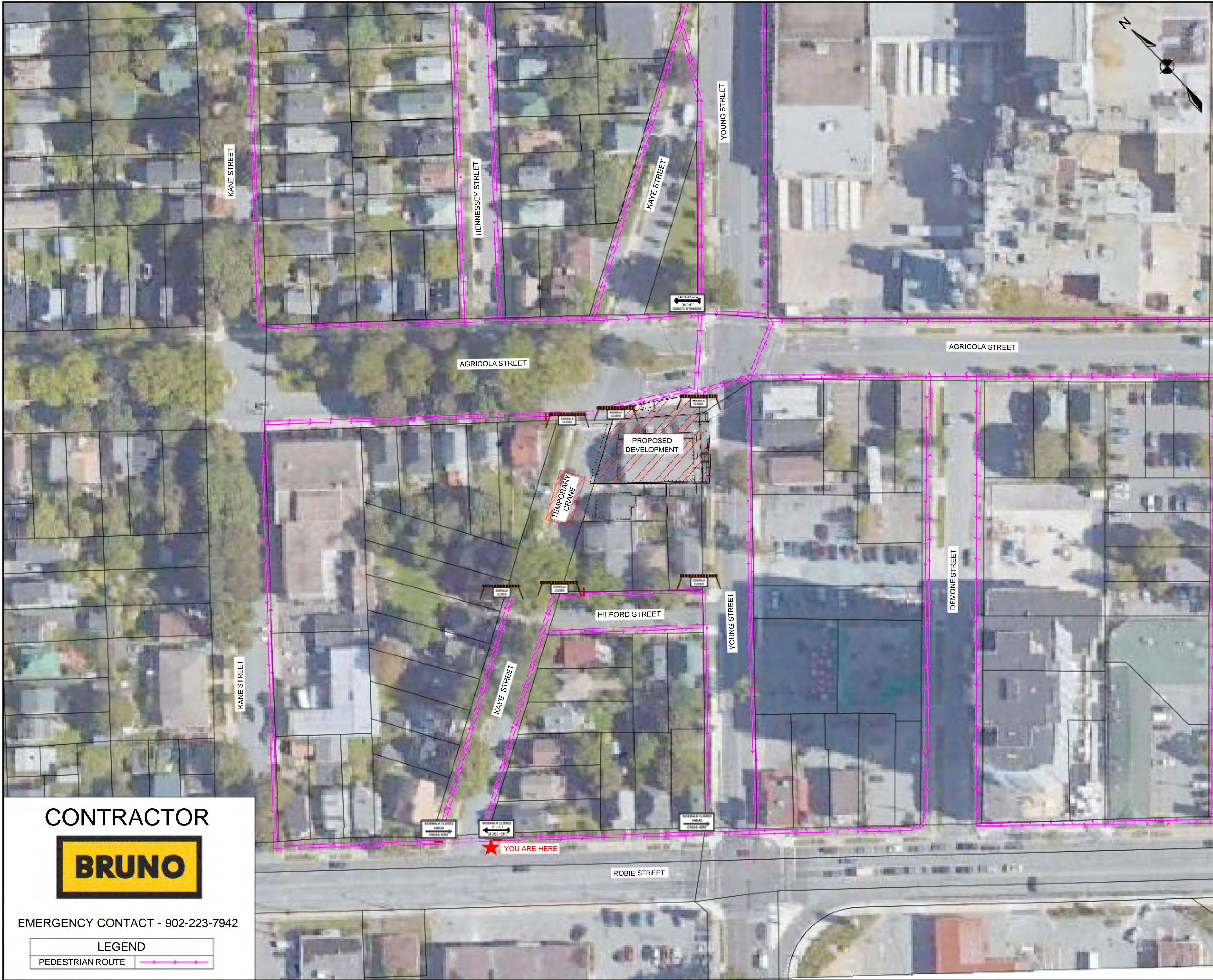
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Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg	10 of 13	

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPOINT
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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 2B

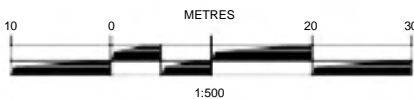
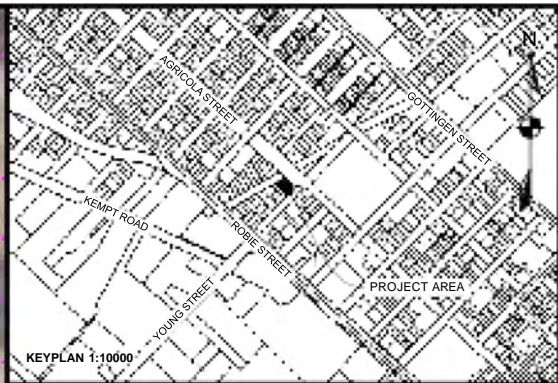
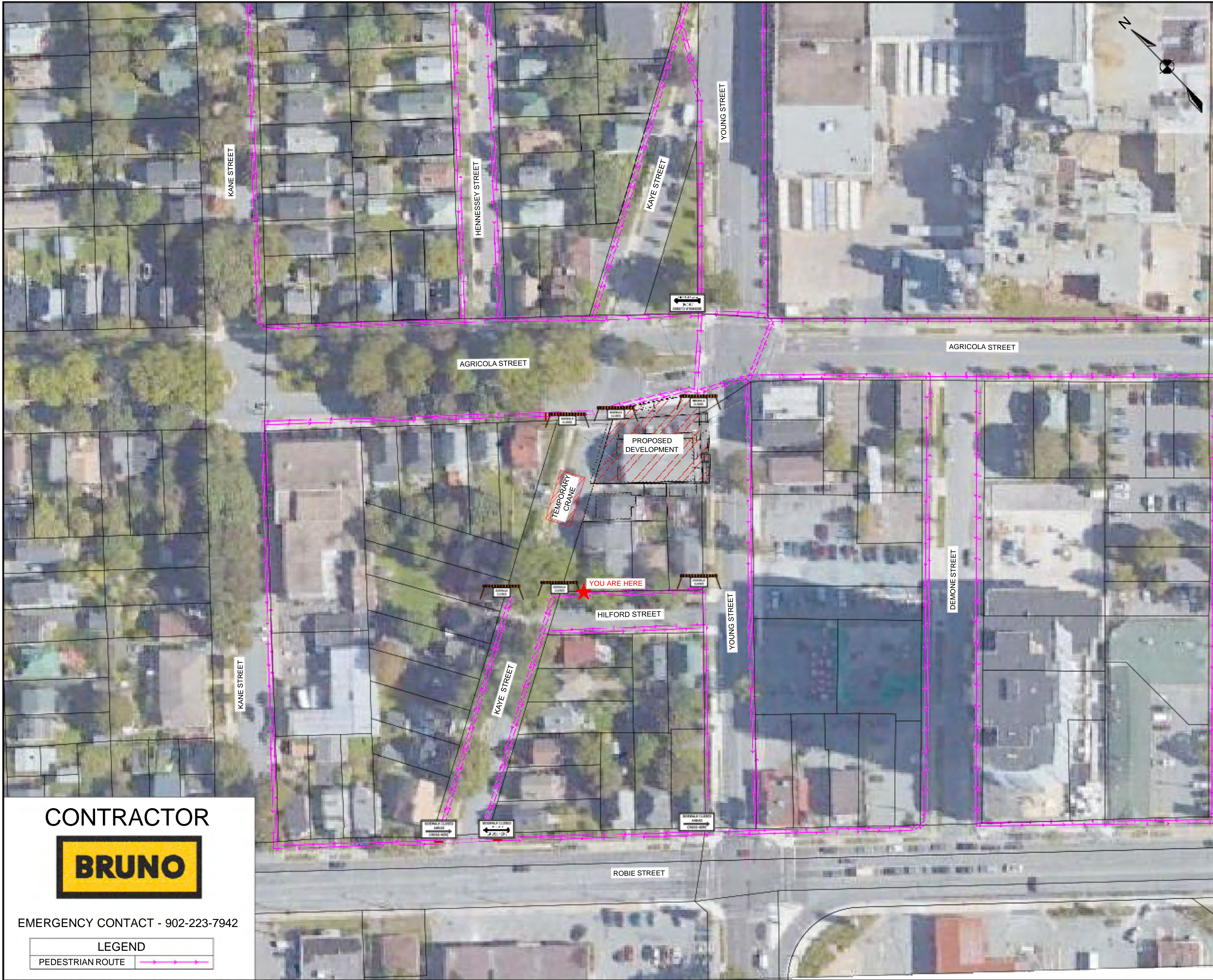
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-11
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg	11 of 13	

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPOINT
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CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 3B

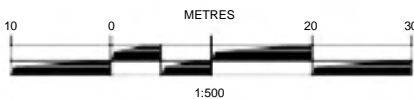
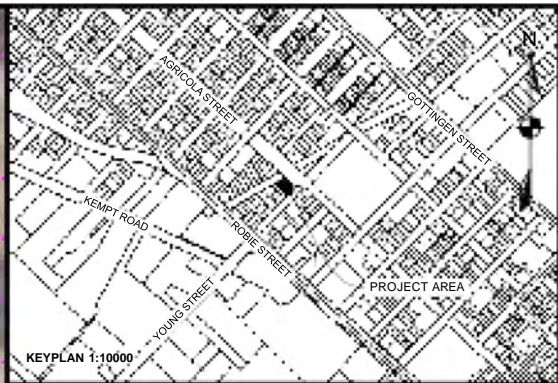
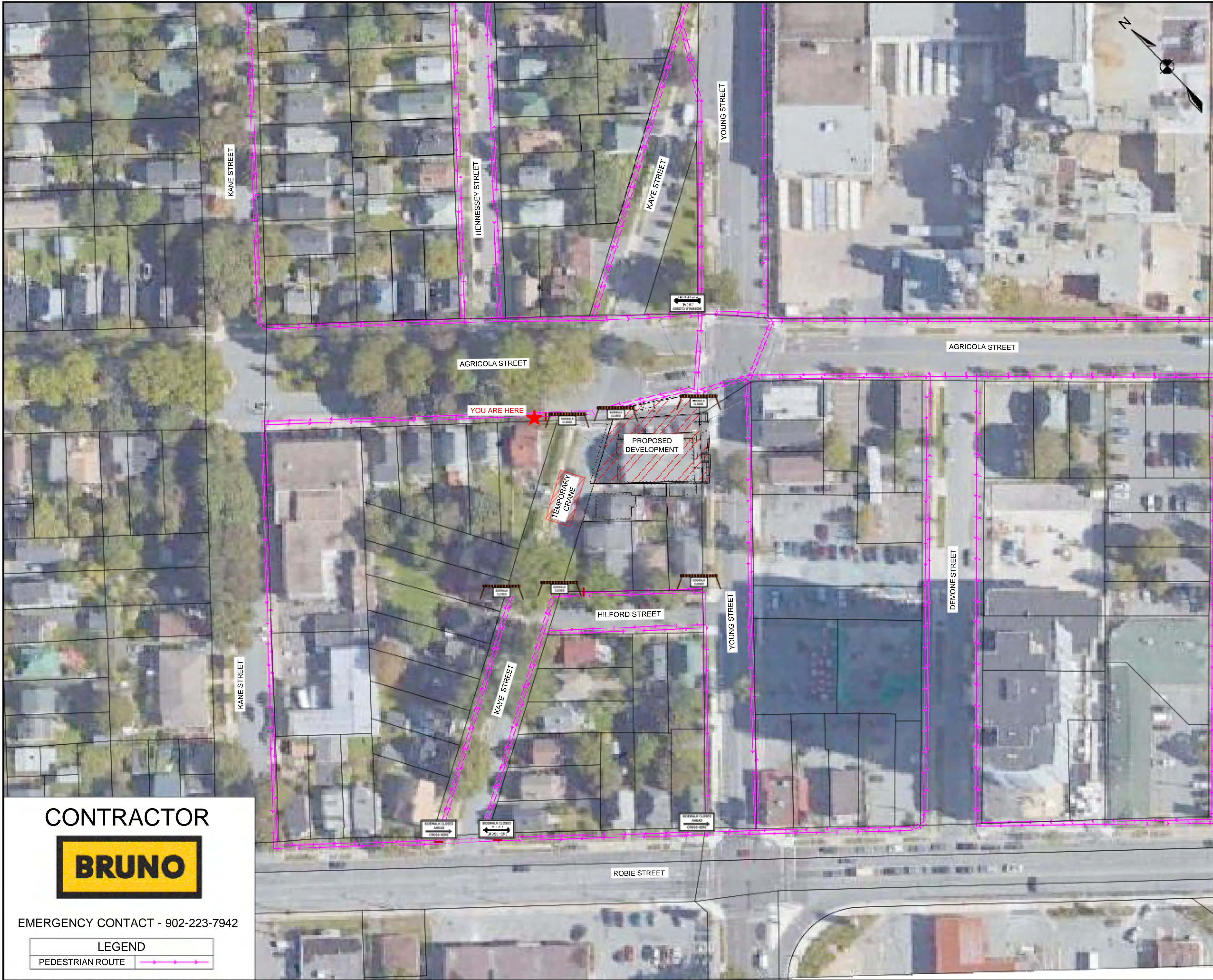
Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-12
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg	12 of 13	

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	



1	MAR. 3, 2022	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPOINT
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902.832.5597 designpoint.ca

CLIENT

PROJECT DESCRIPTION

5755 YOUNG STREET

HALIFAX, NOVA SCOTIA
SHEET DESCRIPTION

PEDESTRIAN WAYFINDER 4B

Drawn M. KIDD	Engineer B. SMYTH	Project No. 22-014	Drawing No. CP-13
Scale 1:500	Filename 22-014_PED_WAYFINDER.dwg	13 of 13	

CONTRACTOR



EMERGENCY CONTACT - 902-223-7942

LEGEND	
PEDESTRIAN ROUTE	

APPENDIX E – DEVELOPMENT INFORMATION SIGN



Development Information Board



5755 Young Street – Proposed Renovation

Project Timeline:
May 2022 - November 2022

The existing Humani-T Café is a two-story commercial light-wood frame structure with an approximate footprint of 2700 square feet. The proposed development will renovate the existing commercial space/café into a new commercial office space. In the process, one additional story will be added while maintaining the existing building footprint.

Contractor: Bruno Builders Inc.
35 Portland Street Dartmouth, NS B2Y 1H1

Evan Boutilier
Project Manager
902-223-7942

24 Hour Emergency Contact:
Harry McInnis
Site Supervisor
902-399-8217

APPENDIX F – DRAFT NOTIFICATION LETTER



Site Address: 5755 Young Street, Halifax

May 18, 2022

Hello Neighbour,

With progression of the construction project at 5755 Young Street, we will be temporarily closing Kaye Street periodically to operate a mobile crane. Street closures will occur throughout the project until October 2022. Starting (Date/Time) Kaye Street will be closed for (Duration). We will continue to inform you, with a letter like this, 48 hours prior to closing Kaye Street. When the mobile crane is not being used, the street will remain open for vehicle transportation and pedestrian use.

At Bruno, we understand construction can cause some disruption to the community and we will do our best to minimize this as much as is reasonable. There will be numerous pedestrian and traffic management measures installed around this property for the duration of this project. In addition, our crews will complete a daily assessment of the worksite and surrounding properties, to keep things safe, clean, and tidy.

To keep you in the loop, any major progress updates will be provided to you by letter.

Below is the contact information for the construction team – please reach out any time with any questions:

Project Manager:

Evan Boutilier

evanb@brunobuilders.ca | 902.223.7942

Site Superintendent:

Harry McInnis

harry@brunobuilders.ca | 902.399.8217

We will work to make this as painless as possible for you and your families. We look forward to working in your neighborhood!

Sincerely,

Evan Boutilier

Project Manager, Bruno Builders Inc.



Site Address: 5755 Young Street, Halifax

May 11, 2022

Hello Neighbour,

The partial external demolition of the existing structure at 5755 Young Street is scheduled to begin Monday May 20, 2022, and will move into the construction phase, lasting until into November 2022. This will include street closures periodically throughout the duration of the project.

At Bruno, we understand construction can cause some disruption to the community and we will do our best to minimize this as much as is reasonable. There will be numerous pedestrian and traffic management measures installed around this property for the duration of this project. In addition, our crews will complete a daily assessment of the worksite and surrounding properties, to keep things safe, clean, and tidy.

To keep you in the loop, any major progress updates will be provided to you by letter.

Below is the contact information for the construction team – please reach out any time with any questions:

Project Manager:

Evan Boutilier

evanb@brunobuilders.ca | 902.223.7942

Site Superintendent:

Harry McInnis

harry@brunobuilders.ca | 902.399.8217

We will work to make this as painless as possible for you and your families. We look forward to working in your neighborhood!

Sincerely,

Evan Boutilier

Project Manager, Bruno Builders Inc.



5755 Young Street, Halifax
Commercial Renovation

Let's be friends.

March 3rd, 2022

Hello Neighbour,

The Halifax Regional Municipality has recently approved the renovation permit for the existing commercial building located at 5755 Young Street, Halifax. You are receiving this letter, as you are within the immediate vicinity of this development.

We understand construction can cause some disruption to the community, however there will be numerous pedestrian and traffic management measures installed around this development, for the duration of the construction. Construction is slated to begin in April 2022, and last until April 2023.

Major progress updates will be provided to you by letter.

Below is the contact information for the construction team:

Project Manager:
Evan Boutilier, C.E.T.
evan.boutilier@brunobuilders.ca | 902.223.7942

We will look to make this as painless as possible for you and your families. We look forward to working in your neighborhood!

Sincerely,

Evan Boutilier, C.E.T.
Project Manager, Bruno Builders Inc.

APPENDIX G – RODENT CONTROL PLAN



BAIT STATION (TYP.)

6 m

73 m

14.5 m

113 m

78 m

APPENDIX H – CONSTRUCTION MANAGEMENT PLAN INSPECTION SHEET

Worksite Inspection Form

Company: Bruno Builders Inc.	Worksite:	Inspection Date:
Location:	Scope of Work:	Time: Weather:
Performed By:	Position:	Supervisor:

Safety Requirements/ Site Conditions		Yes = <input type="checkbox"/>	No= <input type="checkbox"/>	N/A= Not Applicable
Safety Manual	Noise Level Acceptable			Fall Protection
Safety Policies Posted / Available	Particles in the Air			FP Plan/Procedure
First Aid Personnel	Lighting Adequate			FP Training
First Aid Kit / Facilities	Temperature OK			FP Equipment Inspected
Fire Extinguisher (charged/inspected)	Falling Objects (risk of)			
Emergency Exits (visible/obscured)	Stacking of Material (safe/unsafe)			
PPE (acceptable/worn)	Slip/Trip/Fall Hazard			Confined Space
Warning Signs Posted	Machinery (No obvious defects)			Rescue Plan
Communication available, emergency numbers known/posted	Sanitation Facilities			Proof of Training
Muster Point known by workers	Site Parking Conditions			Applicable PPE
Regulations available to workers	Overhead Power Lines			Hazard Assessment
General Housekeeping	Underground services			Entry Permit Filled Out
Accidents/incidents/near misses since last report	Traffic Control Established			Attendant first aid trained
Stockpiling of materials	Electrical Lockout Required			WHMIS
Site Rules	Temporary Installation of Guardrails			Proof of Training (random check)
Hazard Assessment	Safe Entry/Exit to Site			Proper Labeling on containers
Access Restricted				SDS's current on this date-spot check
PPE (special requirements)	Trenching / Excavation			Asbestos concerns
Environmental Policy followed	Sloped (to within 1.2m) 1m to 1m / Benched, free of water, Ladder in use, Material min 1m from edge, trench box if required, Protection - fences or guards or barricades,			Flammable/Explosive Products
Site Rules followed by employees				Reactive / Corrosive Products
Site Orientation Completed by Supervisor	Scaffold			Other
Security at night (if required)	Daily Inspection			
Smoking (Rules Posted)	Tags			
Site Equipment	Training (Scaffold and/or FP)			
Ladders/Scaffolding/Bakers Scaffold/Pump Jacks/Swing Stage	Proper set up			
Aerial Lifts / Training / Inspection				
Hoses/Cords/Ropes				
Hoisting Equipment / Crane				
Sawhorse				
Power Tools				
Double Insulated or Grounded				
Specific Training				
Safety Guards in place				
Inspected (visually)				

Worksite Inspection Form

Details of Required Action / Comments / Observations

Priority: 1 = Immediate action required – 5 = Needs Attention

Priority	Hazard & Exact Location	Corrective Actions	Date Completed	Completed By

Sub-Trades on Site during Inspection:

Inspection Completed by Signature:

Date:

NOTE: The observations noted in this report are valid at the time of the site visit only. NS Safety Alliance or any person employed by NS Safety Alliance accepts no liability for the existence of any condition in the workplace that may endanger any person at or near the workplace. Such liability rests solely with the client named in this report. NS Safety Alliance or any person employed by NS Safety Alliance does not act as an extension of management of the client and therefore the correction of any deficiencies cited in this report remain with the client or their site supervisory employees.

Reviewed By(management):Date:

APPENDIX I – HAZARD ASSESSMENT

Project/Site Specific Hazard Assessment

This assessment should be completed when one of the following conditions is met:

- The beginning of a new job
- The conditions of the job change
- As required by other contractors

Tools and equipment should be checked for hazards prior to the beginning of any task. For questions or assistance see your supervisor or Company Safety Officer.

Work Site:		Date of Assessment:		Assessment completed by:			
Description of Job / Task:							
Foreman/Supervisor in charge:			Contact # of Foreman/Supervisor:				
Employees scheduled to be on-site:							
Potential Hazards							
<input type="checkbox"/>	Buried pipelines	<input type="checkbox"/>	Aerial lift equipment	<input type="checkbox"/>	Noise	<input type="checkbox"/>	Vibration
<input type="checkbox"/>	Buried power lines	<input type="checkbox"/>	Heat (fire / burning)	<input type="checkbox"/>	Overhead power lines	<input type="checkbox"/>	Water
<input type="checkbox"/>	Buried utilities	<input type="checkbox"/>	Heat or Cold stress	<input type="checkbox"/>	Crushing/Pinch Points	<input type="checkbox"/>	Weather
<input type="checkbox"/>	Communication	<input type="checkbox"/>	Housekeeping	<input type="checkbox"/>	Sharp objects	<input type="checkbox"/>	Welding / Cutting
<input type="checkbox"/>	Driving	<input type="checkbox"/>	Hazardous/Toxic Materials (dust, fuel, etc.)	<input type="checkbox"/>	Slippery conditions	<input type="checkbox"/>	Window/Floor Openings
<input type="checkbox"/>	Electricity	<input type="checkbox"/>	Lifting heavy loads	<input type="checkbox"/>	Slips/Trips/Falls	<input type="checkbox"/>	Working alone
<input type="checkbox"/>	Energized equipment	<input type="checkbox"/>	Moving machinery	<input type="checkbox"/>	Steep slopes	<input type="checkbox"/>	Working at heights
<input type="checkbox"/>	Excavations / Trenches	<input type="checkbox"/>	New employees	<input type="checkbox"/>	Traffic	<input type="checkbox"/>	
Other HAZARDS:							
Required Hazard Controls (Check all that apply)							
<input type="checkbox"/>	CSA approved footwear	<input type="checkbox"/>	Additional Lighting	<input type="checkbox"/>	Collapse (scaffold and/or trenches)	<input type="checkbox"/>	Utilities/buried lines marked/located
<input type="checkbox"/>	CSA Hard Hat	<input type="checkbox"/>	Barricades	<input type="checkbox"/>	Scaffolds – Inspected / Tagged	<input type="checkbox"/>	Site/Warning Signage
<input type="checkbox"/>	Hearing protection	<input type="checkbox"/>	Confined Space Entry Procedures	<input type="checkbox"/>	Ladders for safe access & egress	<input type="checkbox"/>	Emergency Supplies (Fire Extinguisher, No. 2 First Aid Kit & Eyewash)
<input type="checkbox"/>	Communication devices	<input type="checkbox"/>	Overhead clearance established	<input type="checkbox"/>	Lockout / Tagout procedure	<input type="checkbox"/>	Legislation, SWPs, SJPs
<input type="checkbox"/>	Eye protection / Safety Glasses	<input type="checkbox"/>	Spotter	<input type="checkbox"/>	Machine guarding	<input type="checkbox"/>	Safety Data Sheets (SDS)
<input type="checkbox"/>	Reflective Vests	<input type="checkbox"/>	Gas Monitors	<input type="checkbox"/>	Hot work permits	<input type="checkbox"/>	
<input type="checkbox"/>	Emergency Procedures & Contact Numbers	<input type="checkbox"/>	Fall Arrest/Travel Restraint system	<input type="checkbox"/>	Fall Protection Procedure/Plan	<input type="checkbox"/>	
<input type="checkbox"/>	Welding shields	<input type="checkbox"/>	Applicable Training	<input type="checkbox"/>	Guardrails	<input type="checkbox"/>	
<input type="checkbox"/>	Other PPE Equipment	<input type="checkbox"/>	Trench Boxes / Cage	<input type="checkbox"/>	Sloping (trenching)	<input type="checkbox"/>	
Other Controls or Information (suggestions offered; policies/procedures/site rules discussed):							



Project/Site Specific Hazard Assessment

Site Emergency Information:

First Aid Personnel:	
Muster Point:	
Nearest Hospital:	Emergency #: 911
Emergency Person and # for Contractor:	

In case of Emergency:

- ↓ Sound alarm
- ↓ Meet at the muster point or take appropriate medical action and secure the scene as required (prevent further injury).
- ↓ Call for help
- ↓ Incident report to be written and reported to the Supervisor and Company Safety Officer.
- ↓ Report to DOEL as per regulations.
- ↓ Is corrective action required? Has it been completed?

Employee/Contractor onsite (Print):	Signature	Employee/Contractor onsite (Print):	Signature
By signing here you have been informed of the above hazards and selected controls, and will comply with the company OH&S program and all applicable legislation regarding safety.			
I have read and understand the above information and I will comply with the company OH&S program and all applicable legislation regarding safety. I will communicate the above information to all workers and contractors under my supervision.			
Supervisor/Foreman Signature: _____		Date: _____	

BRUNO BUILDERS HAZARD ASSESSMENT AND CONTROL FORM

Job Site Address: _____		<p>Things to Consider:</p> <p>People-Employees, Subcontractors, Clients/Customers, Public Equipment-Tools, Vehicles etc.</p> <p>Materials-MSDS, Storage, Handling, Transporting Environment-Weather, Overhead/Underground lines, Site Conditions, Lighting</p> <p>Hazard Ranking: H=High, M=Medium, L=Low</p>		
Job Details: _____ _____				
TASK	HAZARDS	RANKS (H,M,L)	HAZARD CONTROLS	DATE COMPLETE
Assessment Written by:				
Employee Review Print:	Employee Review Signature:	Employee Review Print:	Employee Review Signature:	
Site Supervisor (Print):		Site Supervisor (Signature):		

