

PO Box 1749 Halifax, Nova Scotia B3J 3A5 Canada

MEMORANDUM

TO: Chair and Members of the Design Advisory Committee

FROM: Sean Audas, Principal Planner & Development Officer, Current Planning

DATE: February 1, 2021

SUBJECT: Case # 23019: Level II Site Plan Approval Application for 392 Portland St,

Dartmouth, N.S.

Background:

The applicant has submitted a Level II Site Plan Approval under the Regional Centre Land Use Bylaw (LUB) for property located at 392 Portland St, Dartmouth, N.S. (PID # 00221762). A pre-application has been completed and the proposal has been deemed compliant with the requirements of the LUB.

The applicant is seeking a recommendation from the Design Advisory Committee on the design requirements and a request for variation from the design requirements, as required by the LUB. Public consultation has not yet been completed for this project.

Existing Use: 392 Portland St is formerly a low-density residential lot fronting on Portland St. The single

unit dwelling and garage previously on the property have been demolished. The abutting lots on either side contain commercial businesses; a restaurant and convenience store.

The abutting use to the rear is multi-unit residential.

Zoning: COR (Corridor) under the Regional Centre Land Use Bylaw.

Proposal:

The proposal before the Committee is for a 7-storey, 41-unit residential building with one level of parking and an amenity penthouse. The proposed building is classified as a mid-rise building under the LUB (11-20 metres in height).

Input Requested from Design Advisory Committee:

In accordance with the requirements of the LUB and the Terms of Reference for the Design Advisory Committee, the Committee is being asked to provide a recommendation to the Development Officer regarding the design requirements of Part VI. A variation has been requested for roof edge setbacks of height-exempted rooftop features. The following chapters of Part VI are relevant to this proposal:

Chapter 1: General Site Plan Approval Design Requirements	Chapter 1 sets out the requirement for site plan approval. There are no criteria to be satisfied.
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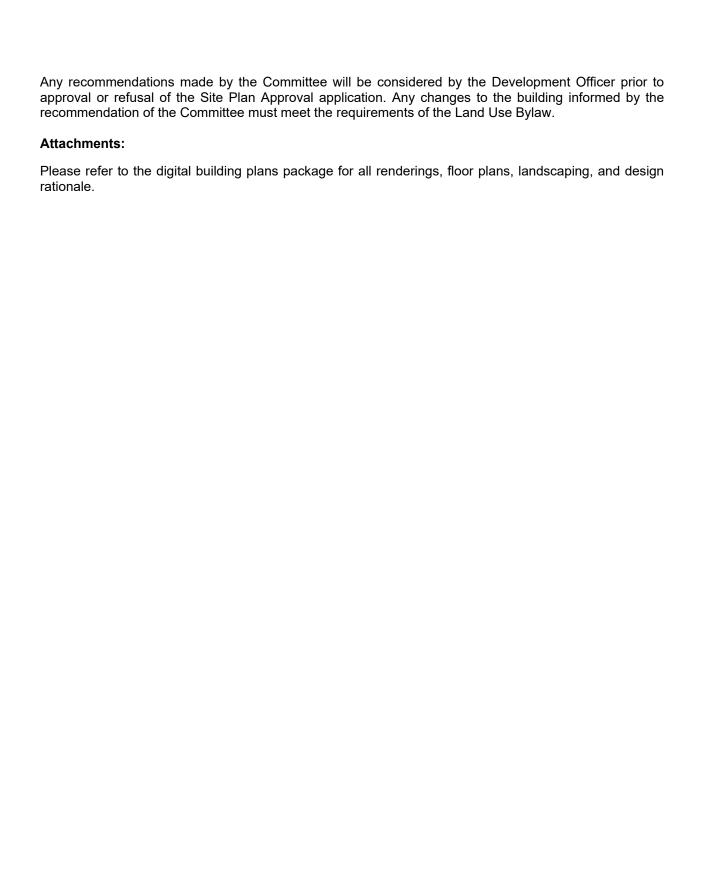
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Chapter 2: At-Grade Private Open Space Design Requirements	The site will contain at-grade private open space at the front of the building, along Portland St. This
Dooigh Noquillonionia	space will abut an existing public sidewalk. - The required 2-metre-wide connection for
	pedestrian access has been provided along the abutting sidewalk.
	- The at-grade private open space incorporates
	barrier-free access and permanent seating. The proposed groundcover is pavers.
	 Proposed privacy for grade-related units is shrubs.
Chapter 3: Building Design Requirements	The Elevation Drawings and Building Renderings illustrate the design requirements of this Chapter.
	- Streetwall articulation has been provided using
	change in colours, materials, and recesses. This
	treatment is continued around the sides.
	- Pedestrian entrances are distinguished using changes
	in materials, and projections and recesses.
	- The ground floor contains one grade-related
	residential unit, and the building lobby. The ground floor grade-related units have provided clear glass
	glazing along the street wall between the required 25-
	80%.
	- Weather protection has been provided for the building
	entrance through a recessed entrance.
	- Building top distinction is accomplished with a change
	in materials and a recessed penthouse.
	The penthouse has been visually integrated into the design. A variation has been requested for the roof edge setback for the penthouse, contributing to its
	visual integration.
Chapter 4: Parking, Access, and Utilities	- A pedestrian connection connects the public sidewalk
Design Requirements	to the at-grade private open space on the site.
	- The motor vehicle parking is internal to the building
	and its access is not proposed in the streetwall. - Mechanical features are located on the roof of the
	building are enclosed within projections and recesses
	of the penthouse.
	- Equipment for individual units will be screened using
	opaque screening on the balconies.
Chapter 5: Heritage Conservation Design	- Not applicable – the subject property is not a heritage
Requirements	property and is not within a heritage conservation district.
Chapter 6: Other Design Requirements	- Building entrances, walkways and at-grade private
Chapter of Caron Booigin Roquitorito	open spaces will be illuminated.
	- The subject site is not a View Terminus Site.
Chapter 7: Variation Criteria	- A variation has been requested to the required
	setback from the roof edge for the penthouse, from
	3m to 0m.
	The requested variation is to an interior lot line and the penthouse has been designed to minimize its
	visual impact.
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Regional Centre Land Use By-Law: Site Plan Approval Design Requirements and Design Rationale

SECTION	DESIGN REQUIREMENT	DESIGN RATIONALE
113	Contribution to Open Space Network: Where one or more at-grade private open space(s) are proposed, at least one shall contribute to the Regional Centre's network of open spaces by: (a) abutting an existing public open space that is not a public sidewalk; (b) abutting an existing public sidewalk; (c) abutting an existing mid-block at-grade private open space; or (d) establishing a new mid-block at-grade private open space.	Proposed private open space abuts existing public sidewalk (b).
114	At-Grade Private Open Spaces Abutting a Public Sidewalk: At-grade private open spaces that abut public sidewalks shall provide pedestrian access by having at least one contiguous connection of not less than 2.0 metres wide, from the at-grade private open space to the public sidewalk.	Contiguous connection of minimum 2.0 metres wide provided between the atgrade private open spaces and the public sidewalk.

115	At-Grade Private Open Spaces – Medium Scale: At-grade private open spaces with a contiguous area of 15 square metres or greater, and dimensions of not less than 3.0 metres by 5.0 metres shall: (a) provide (i) barrier-free access, and (ii) permanent seating; and (b) provide one or more of the following materials for groundcover (i) vegetation, (ii) brick pavers, stone pavers, or concrete pavers, or (iii) wood, excluding composites.	Design provides: (i) barrier-free access (ii) permanent seating Groundcover material provided: (ii)pavers (concrete, stone or brick)
116	Weather Protection for At-Grade Private Open Spaces – Medium Scale: At-grade private open spaces with a contiguous area of 15 square metres or greater, and dimensions of not less than 3.0 metres by 5.0 metres shall offer weather protection to its users through at least one of the following: (a) a new deciduous tree that is not a shrub or the retention of an existing tree that is not a shrub with a minimum base caliper of 100 millimetres; (b) canopies or awnings on abutting façades; (c) recessed entrances of abutting façades; (d) cantilever(s) of a building on the same lot; or (e) structures such as gazebos, pergolas, or covered site furnishings.	Design uses recessed entrances of abutting façades to provide weather protection. Design also uses cantilevers of a building (Levels 2 & 3) on the same lot.

At-Grade Private Open Spaces – Large Scale: In addition to meeting the requirements of Sections 115 and 116, at-grade private open spaces with a contiguous area exceeding 400 square metres and with an average depth exceeding 2.5 metres, shall provide at least three of the following: (a) an additional deciduous tree that is not a shrub or the retention of an existing tree that is not a shrub with a minimum base caliper of 100 millimetres; (b) a permanent table and chair(s); (c) a public art piece, a cultural artifact, or a commemorative monument; (d) a structure such as a gazebo or pergola; or (e) a planter or planting bed.	N/A
Existing Access to Public Open Spaces: At-grade private open spaces shall maintain existing accesses to abutting public open spaces.	N/A
Privacy for Grade-Related Units: At-grade private open spaces which are 2.5 metres deep or greater, as measured perpendicularly from the streetline, and which are located between the streetline and a grade-related unit, shall provide privacy for the residential units by using a minimum of one of the following elements per grade-related unit: (a) a deciduous tree that is not a shrub with a minimum base caliper of 50 millimetres; (b) a minimum of two shrubs, each no less than 1.0 metre in height; (c) planters ranging in height from 0.25 to 1.0 metres; or (d) masonry walls ranging in height from 0.25 to 1.0 metres.	Privacy for Grade related units is provided by: (b) a minimum of two shrubs, each no less than 1.0 metre in height;
Walkways to be Hard-Surfaced: Walkways within at-grade private open spaces shall be hard-surfaced, excluding asphalt.	Design uses pavers for walkways within atgrade private open space.
	In addition to meeting the requirements of Sections 115 and 116, at-grade private open spaces with a contiguous area exceeding 400 square metres and with an average depth exceeding 2.5 metres, shall provide at least three of the following: (a) an additional deciduous tree that is not a shrub or the retention of an existing tree that is not a shrub with a minimum base caliper of 100 millimetres; (b) a permanent table and chair(s); (c) a public art piece, a cultural artifact, or a commemorative monument; (d) a structure such as a gazebo or pergola; or (e) a planter or planting bed. Existing Access to Public Open Spaces: At-grade private open spaces shall maintain existing accesses to abutting public open spaces. Privacy for Grade-Related Units: At-grade private open spaces which are 2.5 metres deep or greater, as measured perpendicularly from the streetline, and which are located between the streetline and a grade-related unit, shall provide privacy for the residential units by using a minimum of one of the following elements per grade-related unit: (a) a deciduous tree that is not a shrub with a minimum base caliper of 50 millimetres; (b) a minimum of two shrubs, each no less than 1.0 metre in height; (c) planters ranging in height from 0.25 to 1.0 metres; or (d) masonry walls ranging in height from 0.25 to 1.0 metres.

Building D	Design Requirements	
121	Streetwall Articulation: Streetwalls shall be divided into distinct sections no less than 0.3 metres in width and not exceeding 8 metres in width, from the ground floor to the top of the streetwall, with each section differentiated by using at least two of the following: (a) colour(s); (b) material(s); or (c) projections and recesses not less than 0.15 metres in depth.	Streetwall is divided into distinct sections ranging from 4.5-8 metres wide from the ground floor to the top of the streetwall with each section differentiated by: (b) materials (c) colours
122	Articulation of Non-Streetwalls Fronting an At-Grade Private Open Space: Any exterior wall within the podium that is not a streetwall, and fronts an at-grade private open space abutting a public right-of-way, shall meet the requirements of Section 121 as if it was a streetwall.	N/A
123	Side Façade Articulation: Where a side yard is proposed or required, the side yard façade shall continue the streetwall articulation for a depth greater than or equal to the width of the side yard, as measured at the streetline, using the same options chosen to achieve the design requirement in Section 121.	The side yard façade continues the streetwall articulation for a depth greater than 2.5 metres, as measured at the streetline using: (a) colour(s); (b) material(s)
124	Pedestrian Entrances Along Streetwalls: (1) Subject to Subsection 124(2), pedestrian entrances in the streetwall shall be distinguished from the remainder of the streetwall by using at least two of the following: (a) changes in colour; (b) changes in materials; or (c) projections and recesses not less than 0.15 metres in depth. 2) Canopies or awnings shall not be used to meet the requirements of Subsection 124(1).	Pedestrian entrances in the streetwall are distinguished by: (b) changes in materials. (c) projections and recesses not less than 0.15 metres in depth.

125	Pedestrian Entrances Along Non-Streetwalls Fronting an At-Grade Private Open Space: Any exterior wall within the podium that is not a streetwall, and fronts an at-grade private open space, shall meet the requirements of Section 124 as if it was a streetwall.	N/A
126	Number of Pedestrian Entrances Along Streetwalls: Streetwalls shall provide: (a) a minimum of one pedestrian entrance per storefront; or (b) a minimum of 2 pedestrian entrances where the storefront is greater than 24 metres wide.	N/A – no storefronts proposed within the development
127	Ground Floor Transparency – Commercial Uses: For at-grade commercial uses in the streetwall, between 50% and 80% of the building's ground floor façade dedicated to commercial uses shall consist of clear glass glazing.	N/A – No commercial uses proposed.
128	Ground Floor Transparency – Grade-Related Unit Uses: For grade-related unit uses in the streetwall, between 25% and 80% of the building's ground floor façade dedicated to grade-related unit uses shall consist of clear glass glazing.	Grade-related unit uses in the streetwall have between 25% and 80% of the façade dedicated to grade-related unit uses consisting of clear glass glazing.
129	Access Ramps Along Streetwalls: Where a ramp for barrier-free access is provided between a streetwall and a sidewalk, no portion of the access ramp shall exceed a width of 2.0 metres and depth of 2.0 metres.'	N/A – no access ramps proposed between the streetwall and the sidewalk.

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130	Weather Protection: (1) Subject to Subsection 130(2), where entrances for commercial uses or multi-unit dwelling uses are proposed in the streetwall, weather protection for pedestrians shall be provided above the entrances and shall consist of at least one of the following: (a) canopies; (b) awnings; (c) recessed entrances; or (d) cantilevers. (2) Subsection 131(1) shall not apply to the entrances of grade-related units.	Weather protection for pedestrians is provided above the entrances to the multi-unit building through recesses.
131	Exposed Foundations and Underground Parking Structures: Exterior foundation walls and underground parking structures the height of which exceeds 0.6 metres above grade shall be clad in a material consistent with the overall design of the same exterior façade.	Exterior foundation walls of underground parking structures are cladded in a material consistent with the overall design of the same exterior façade.
132	Building Top Distinction: (1) Subject to Subsection 132(2), a portion of the top third of a building shall be differentiated from lower portions of the same building, by using two or more of the following: (a) colour(s); (b) material(s); and (c) projections and recesses not less than 0.15 metres in depth. (2) The minimum height of the differentiated portion shall be no less than: (a) 0.5 metres in height for a low-rise building or mid-rise building; (b) 1.0 metres in height for a tall mid-rise building; and (c) 3.0 metres in height for a high-rise building.	 (1) A portion of the top third of a building is differentiated from lower portions of the same building, by: (b) material(s). (c) penthouse is recessed not less than 0.15 metres in depth. (2) The differentiation exceeds 0.5 metre in height.
133	Penthouses: Penthouses shall be visually integrated into the overall design of the building.	Penthouses are visually integrated into the overall design of the building by being recessed from the north, east and south roof edge.

134	Rooftop Mechanical Features: Rooftop mechanical features shall be visually integrated into the design of the building and concealed from the public view at the streetline.	Rooftop mechanical features are visually integrated into the design of the building and concealed from the public view at the streetline.
Parking, A	Access, and Utilities Design Requirements	
135	Pedestrian Connections: Where pedestrian connections are proposed on the site, at least one shall connect: (a) one public street to another public street; (b) one public street to a public open space; (c) one sidewalk to another sidewalk; or (d) one public street or a sidewalk to an atgrade private open space that is located on the site.	Pedestrian connection conforms with: (d) one public street or a sidewalk to an at-grade private open space that is located on the site.
136	Pedestrian Connections Through Accessory Surface Parking Lots: (1) Pedestrian connections within accessory surface parking lots shall be no less than 2.0 metres wide. (2) Pedestrian connections within accessory surface parking lots shall be delineated by raised walkways, no less than 0.15 metres high, and consisting of: (a) poured concrete; (b) brick pavers; (c) stone pavers; or (d) concrete pavers. (3) Where a pedestrian connection crosses a driving aisle, the surface of the aisle shall be raised to meet the elevation of the abutting pedestrian connection and delineated with a change of colour or material from the driving aisle. (4) A pedestrian connection shall provide a direct route between parking areas, building entrances, and the nearest sidewalk.	N/A – no accessory surface parking lots proposed.

137	Motor Vehicle and Service Accesses: (1) Motor vehicle and service accesses in the streetwall shall be minimized by using the same colours or materials chosen for the streetwall. (2) All motor vehicle and service accesses shall: (a) not exceed the height of the ground floor or 4.5 metres, whichever is less; and (b) be completely enclosed with a door(s).	 (1) N/A – motor vehicle access is not proposed within the streetwall. (2) The motor vehicle access does not exceed the height of the ground floor and is completely enclosed with a door.
138	Parking Internal to a Building or Within a Parking Structure: Where parking internal to a building is located within the streetwall, it shall be screened from public view from any public right-of-way or park.	Parking is located underground below the streetwall. Therefore, it is not visable from public view from the public right-of-way
139	Visual Impact Mitigation for Utility and Mechanical Features: The visual impact of utility features and mechanical features, including vents and meters, shall be minimized by concealing them from public view at the streetline by: (a) using opaque screening; or (b) enclosing them within a projection or recess in the building.	Mechanical features are located on the roof the building are enclosed within projections and recesses of the penthouse building form.
140	Heat Pumps and Other Heating and Ventilation Equipment for Individual Units: Heat pumps and other heating and ventilation equipment for individual units are permitted on balconies, unenclosed porches, and verandas if they are concealed from public view at the streetline by: (a) using opaque screening; or (b) enclosing them within a projection or recess in the building.	N/A – Heat pumps and other heating and ventilation equipment for individual units are located on balconies and will be screened using opaque screening.

Heritage (Conservation Design Requirements	
141	Conservation of Character-Defining Elements: Character-defining elements of registered heritage buildings shall be conserved and remain unobstructed.	N/A
142	New Windows and Doors: New window and door openings on registered heritage buildings shall match established patterns (materials, design, detail, and dimensions).	N/A
143	Preservation of Architectural Elements: Architectural elements on registered heritage buildings shall be preserved, such as pilasters, columns, cornices, bays, and parapets.	N/A
144	Use of Archival Evidence: Archival evidence shall be used to support the rehabilitation and restoration of character-defining elements on registered heritage buildings, or on registered heritage properties.	N/A
145	Historic Building Façades: Historic building façades on registered heritage buildings shall be retained and rehabilitated, or restored using traditional materials	N/A
146	Materials: Brick or masonry façades shall be maintained and restored on registered heritage buildings. The painting of brick or masonry façades is prohibited.	N/A

147	Maintenance of Same or Similar Cornice Line Height for New Developments in a Heritage Context: The podiums or streetwalls of new developments in a heritage context shall maintain the same or similar cornice line height established by abutting registered heritage buildings, except where the maximum streetwall height permitted under the Land Use By-law is lower than the cornice of the registered heritage buildings.	N/A
148	Streetwall Stepback for Taller Portions of New Developments in a Heritage Context: Subject to Subsection 93(4), any portions of new developments in a heritage context that are taller than the cornice line of an existing abutting registered heritage building shall be stepped back from the streetwall.	N/A
149	Side Wall Stepback for Taller Portions of New Detached Buildings in a Heritage Context: Where a detached building constitutes a new development in a heritage context and where it abuts the same streetline as the registered heritage building, any portions of the new development that are taller than the cornice line of the registered heritage building shall be stepped back 3 metres on the side that abuts the heritage building.	N/A

	Architectural Elements of Existing Heritage Buildings to be Used as a Reference in the Design of New Development in a Heritage Context: Architectural elements of existing abutting registered heritage buildings shall be used as a reference in the design of new development in a heritage context, by: (a) Incorporating articulation established by vertical and horizontal architectural elements of the registered heritage buildings (i.e.	N/A
150	columns, pilasters, cornice, architectural frieze, datum lines, etc.); (b) Incorporating proportions and vertical spacing of the registered heritage buildings' windows; and c) Where new development in a heritage context is located at the ground level, maintaining the proportions and transparency of the registered heritage buildings' storefront and façade elements.	
151	Awnings and Canopies: (1) If proposed on a registered heritage building, awnings and canopies shall be: (a) Designed to fit within the dominant horizontal structural elements of the lower façade and not obscure significant architectural features; (b) Located between vertical columns or pilasters to accentuate and not to obscure these elements; (c) Designed to complement the fenestration pattern of the registered heritage building; and (d) Constructed using heavy canvas fabric or similar material in either a solid colour or striped. The use of retractable awnings is encouraged. Vinyl and high gloss fabrics and internally-illuminated awnings shall be prohibited. (2) Metal or glass awnings or canopies may be permitted on a registered heritage building, if designed to complement historic architectural elements.	N/A

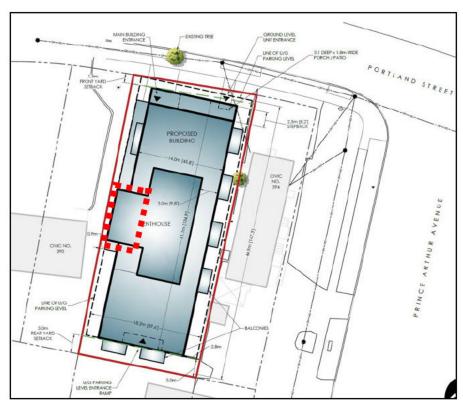
152	Lighting Hardware: Lighting hardware shall be located so that it does not disfigure or conceal any significant architectural feature of the registered heritage building. Where it is not possible to hide lighting hardware, it shall be compatible with the building's architecture and materials.	N/A		
153	Directing Lighting to Accentuate or Emphasize Architectural Features or Signage: Lighting shall be directed to accentuate or emphasize the architectural features of registered heritage buildings or their signage.	N/A		
Other Des	Other Design Requirements			
154	General Lighting: The following features shall be illuminated: (a) common building entrances; (b) walkways; (c) accessible at-grade private open space; (d) parking lots; and (e) off-street loading spaces.	The common building entrances, walkways and at-grade private open spaces will be illuminated.		
155	Emphasis of View Terminus Sites: View terminus sites, as shown on Schedule 5, shall be emphasized perpendicular to and visible from a view line, by at least one of the following approaches: (a) subject to Subsection 93(5), extending the height of a portion of the streetwall; (b) locating a clock tower, bell tower, rooftop cupola, spire, steeple, or minaret on the top of the building; (c) providing an at-grade private open space; or (d) locating a public art installation, a landmark element, or a cultural artifact on a portion of the streetwall, or in an at-grade private open space.	N/A		

156	Parking Areas, Accessory Surface Parking Lots, Off-Street Loading Spaces, and Site Utilities on View Terminus Sites: Parking areas, accessory surface parking lots, off-street loading spaces, or site utilities shall not be visible within a view terminus as shown on Schedule 5.	N/A
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Variation Criteria

Roof Edge Setbacks of Height-Exempted Rooftop Features

A portion of the proposed developments penthouse exceeds the Regional Centre Land Use By-Law's minimum setback from the outermost edge of the roof (3 metres). This exceedance occurs along the western edge of the roof and the portions of the penthouse that exceed the minimum setback requirement encompass required circulation/egress components of the building (exit stairs and elevator). The exceedance occurs along an interior lot line and that portion of the penthouse is designed to minimize its potential visual impact.



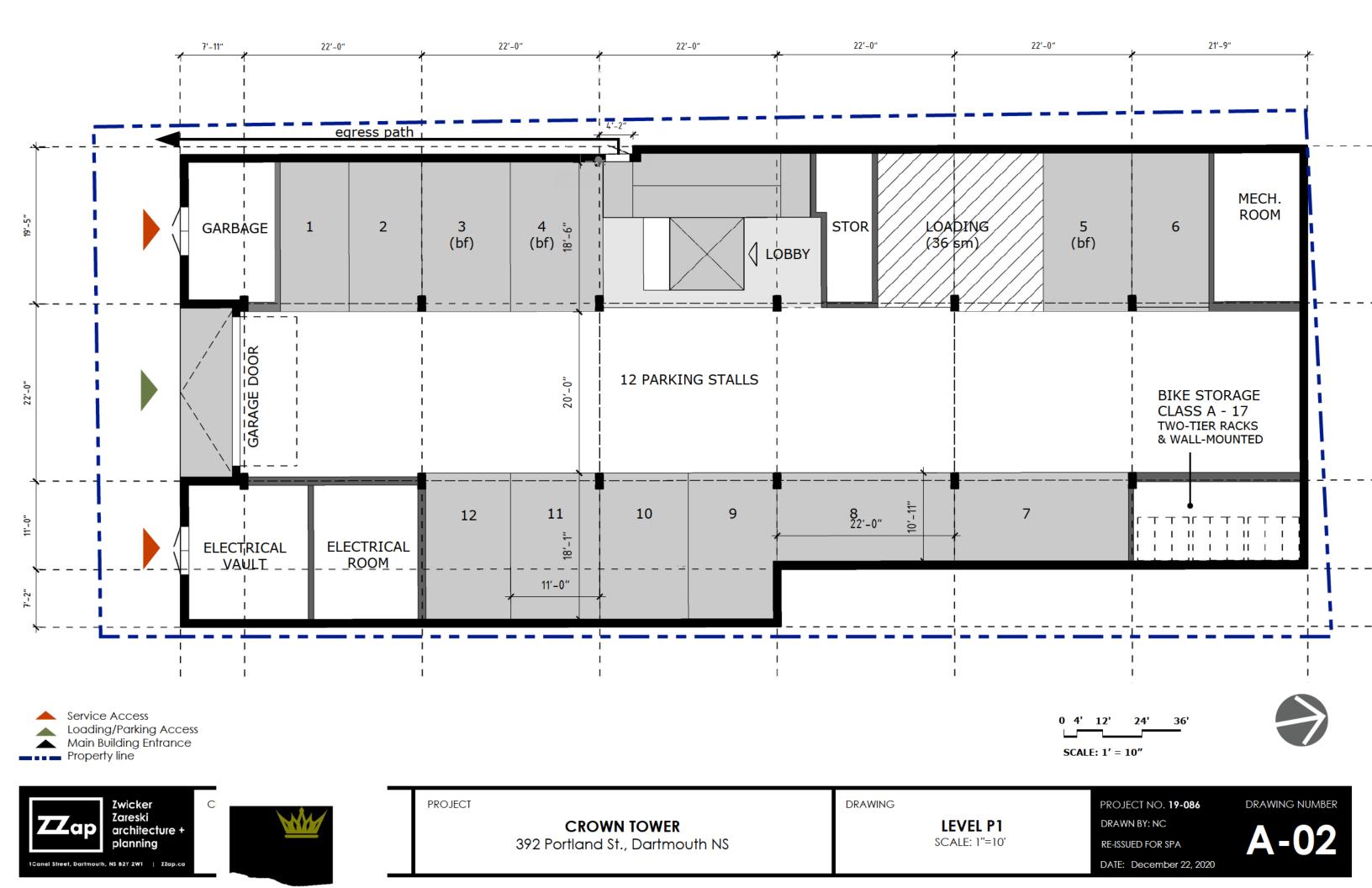
As such, we are seeking a variation to the minimum setback from the outermost edge of the roof requirement in accordance with section 157 of the Regional Land Use By-Law.

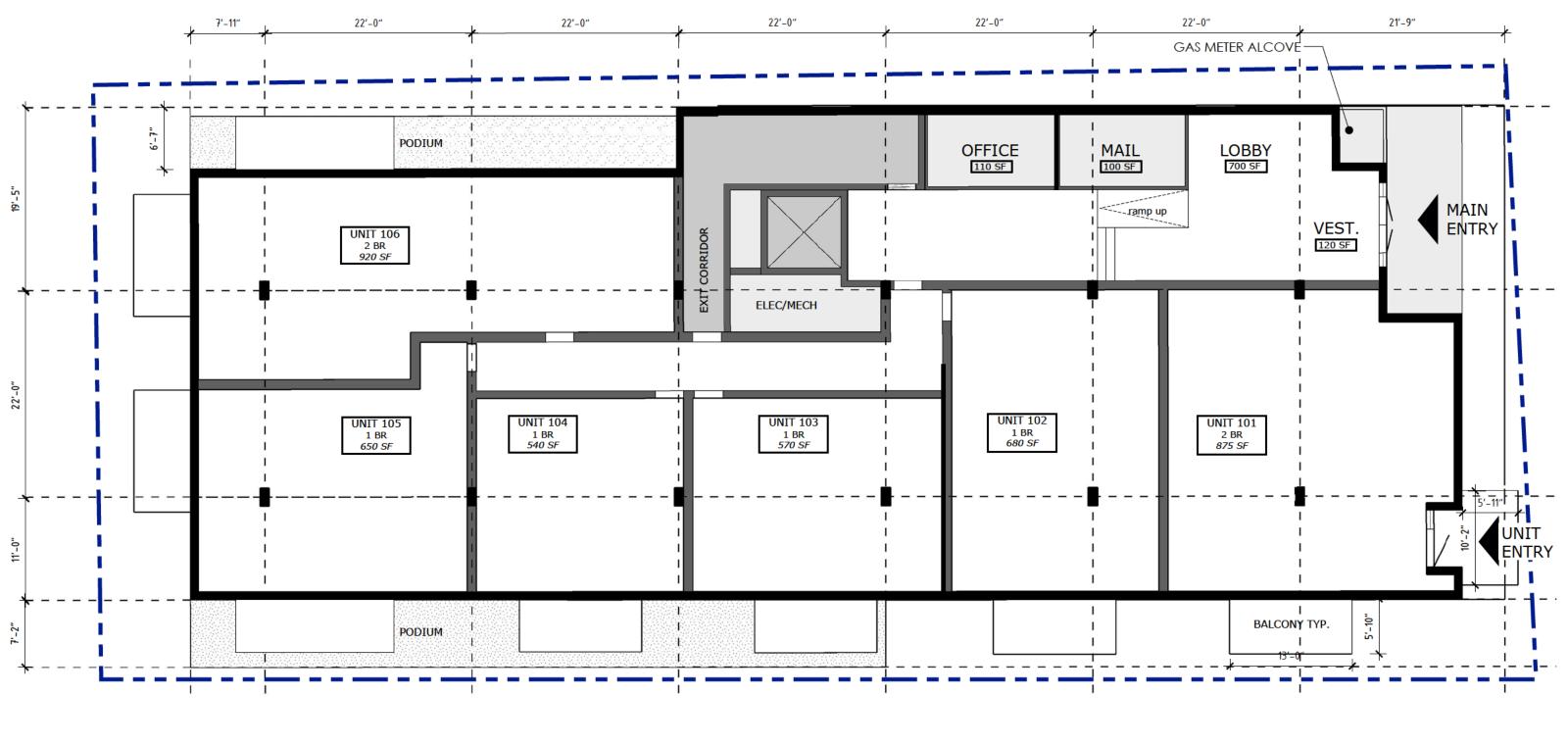
Closing

Thank you taking the time to review the above design rationale and variation criteria. If you have any questions or clarifications regarding the content of this document, please do not hesitate to contact the undersigned.



Connor Wallace, MCIP, LPP Principal ZZap Consulting Inc. connor@zzap.ca 902-266-5481







0 4' 12' 24' 36' SCALE: 1' = 10"







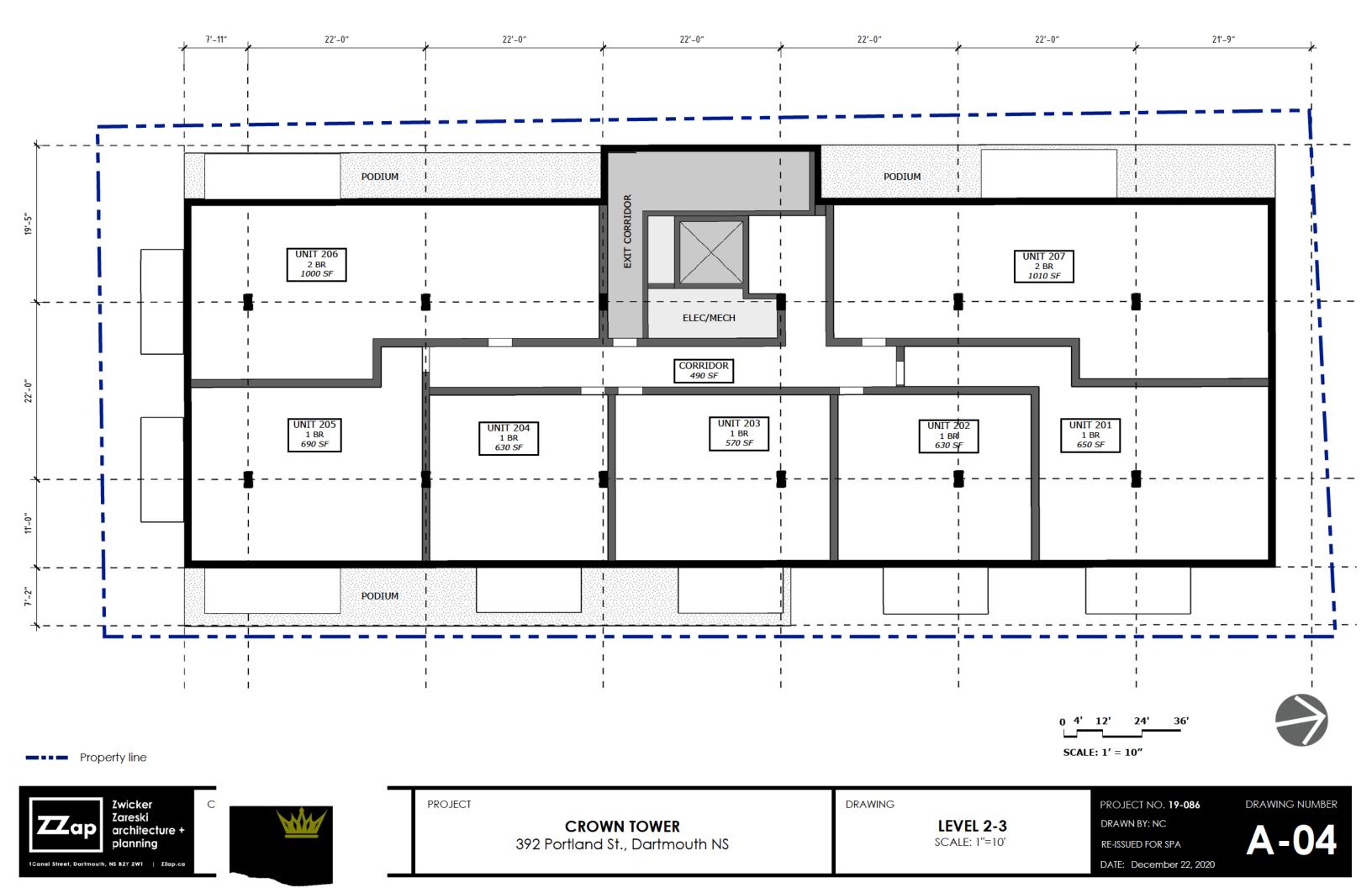
CROWN TOWER
392 Portland St., Dartmouth NS

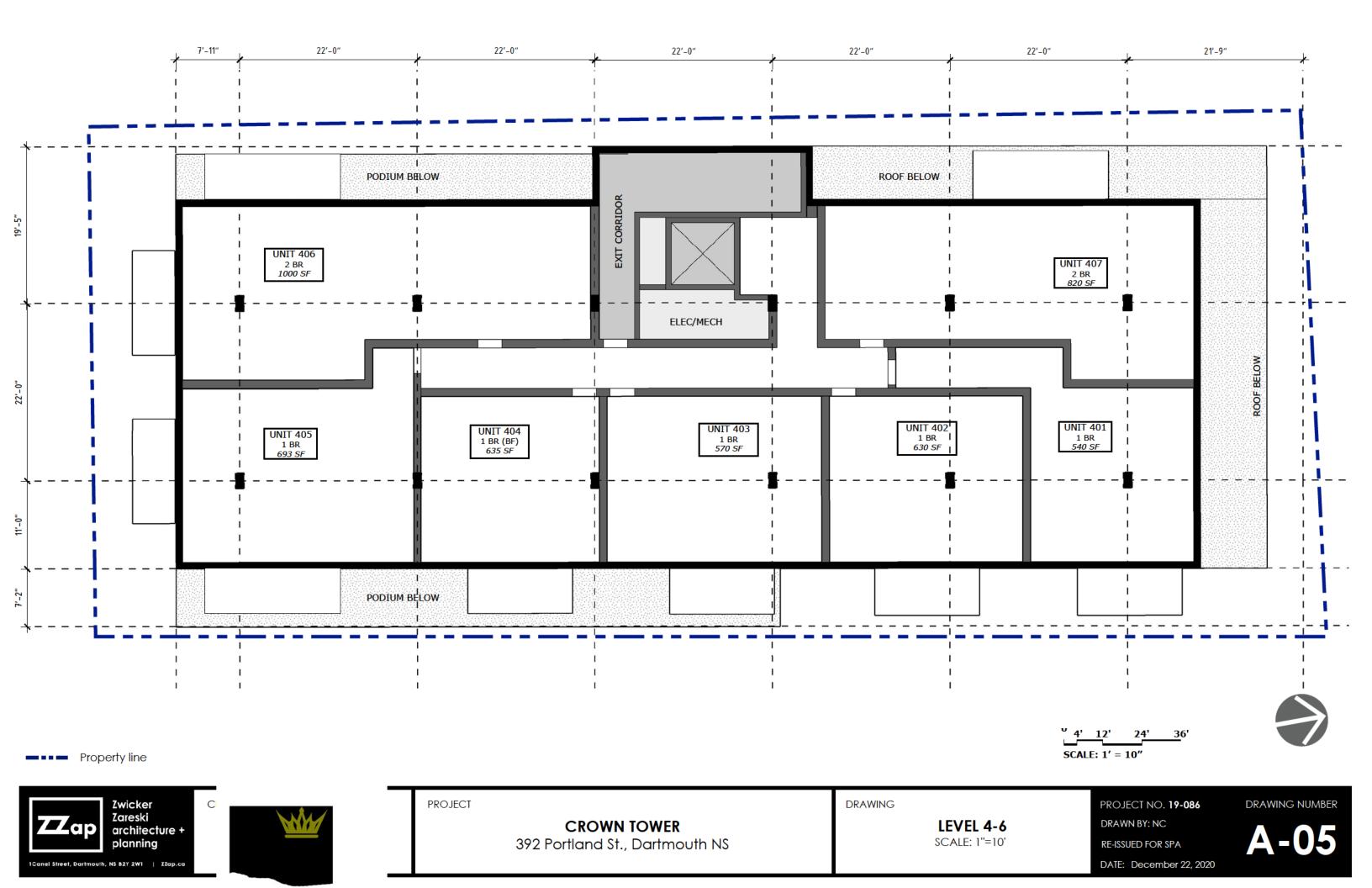
DRAWING **LEVEL 1**SCALE: 1"=10'

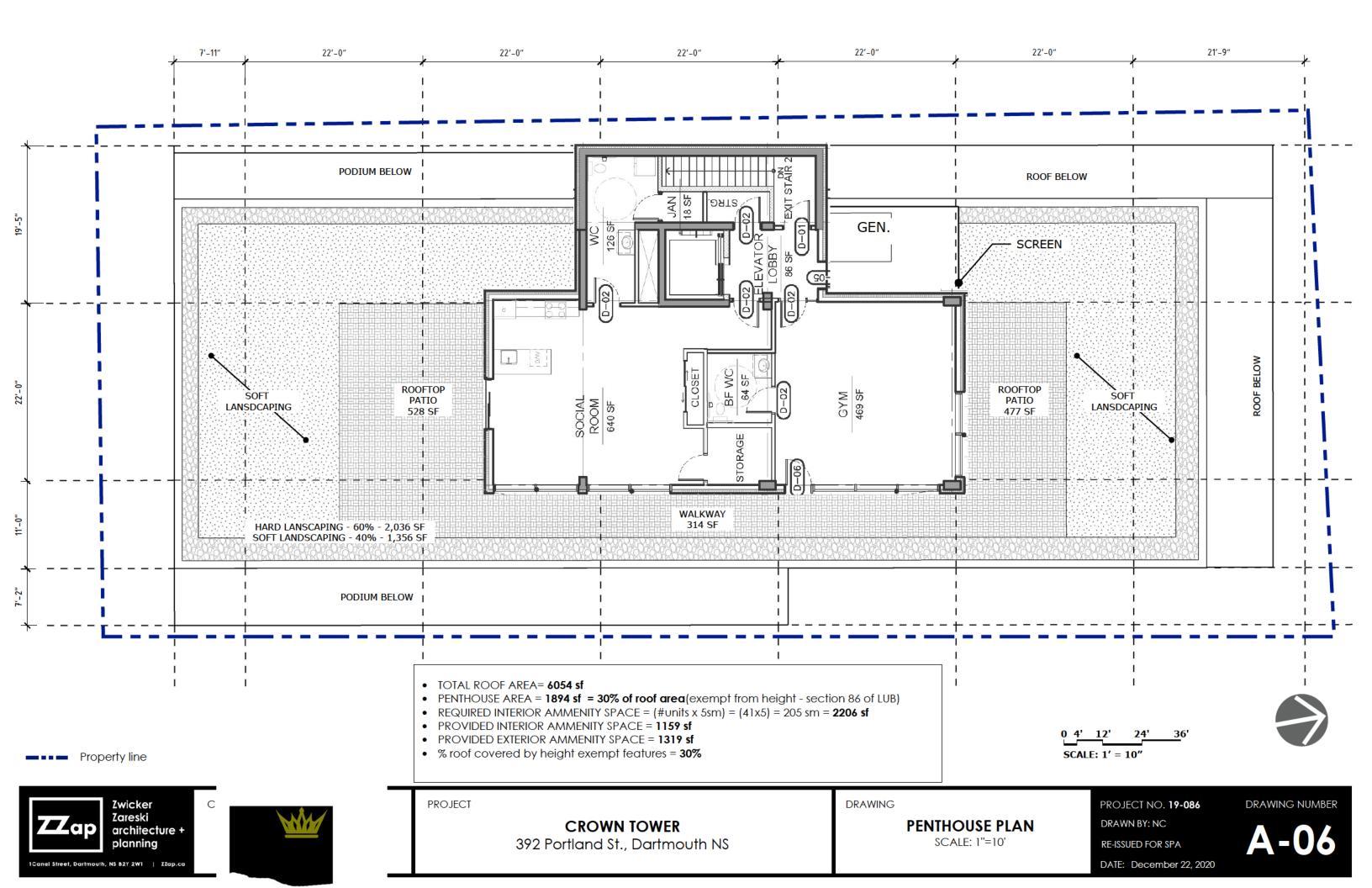
PROJECT NO. **19-086**DRAWN BY: NC
RE-ISSUED FOR SPA

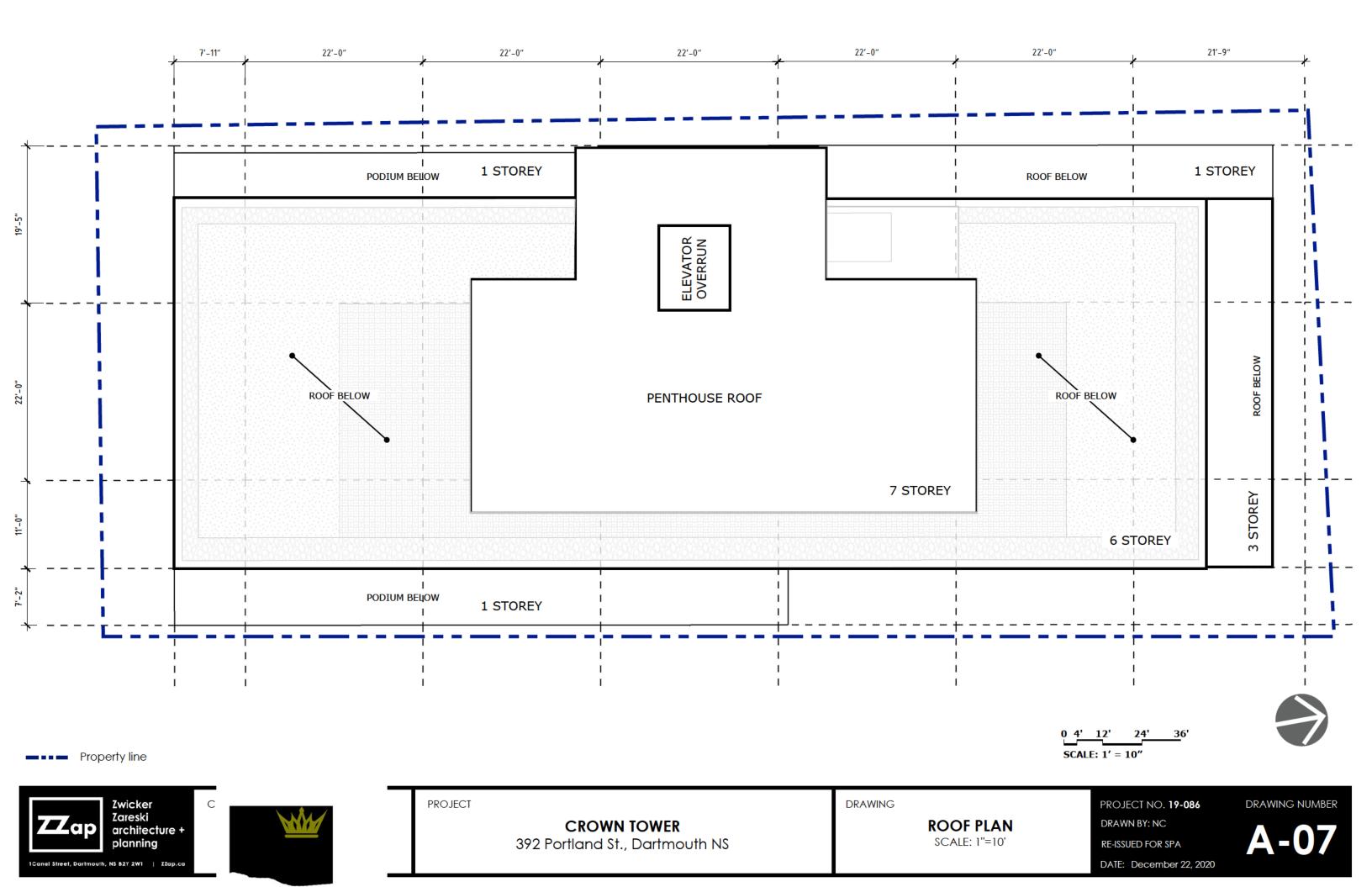
DATE: December 22, 2020

A-03











EXTERIOR MATERIALS LEGEND

CROWN TOWER

SCALE: 1"=10'

NORTH ELEVATION

SCALE: 1"=10'

RE-ISSUED FOR SPA

DATE: December 22, 2020





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Zareski
architecture +
planning

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CROWN TOWER
392 Portland St., Dartmouth NS

PROJECT

DRAWING

SCALE: 1"=10'

PROJECT NO. 19-086 DRAWN BY: NC

RE-ISSUED FOR SPA
DATE: December 22, 2020

A-10

DRAWING NUMBER

Prefinished engineered cladding - A
 Prefinished engineered cladding - B









CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

Streetscape View CONCEPTUAL RENDER

PROJECT NO. **19-086**DRAWN BY: NC
RE-ISSUED FOR SPA

DATE: December 22, 2020

A-12

DRAWING NUMBER







CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

Night View CONCEPTUAL RENDER

PROJECT NO. **19-086**DRAWN BY: NC
RE-ISSUED FOR SPA

ED FOR SPA A-13

DRAWING NUMBER

DATE: December 22, 2020







CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

Pedestrian ViewCONCEPTUAL RENDER

PROJECT NO. **19-086**DRAWN BY: NC
RE-ISSUED FOR SPA

DATE: December 22, 2020

A-14

Landscape Plan: Drawing Set

L1 Site Landscape Plan

L2 Tree Protection Plan

L3 Landscape Grading Plan

L4 Rooftop Terrace Hardscape Plan

L5 Site Furninshings Plan

L6 Planting Plan & Details



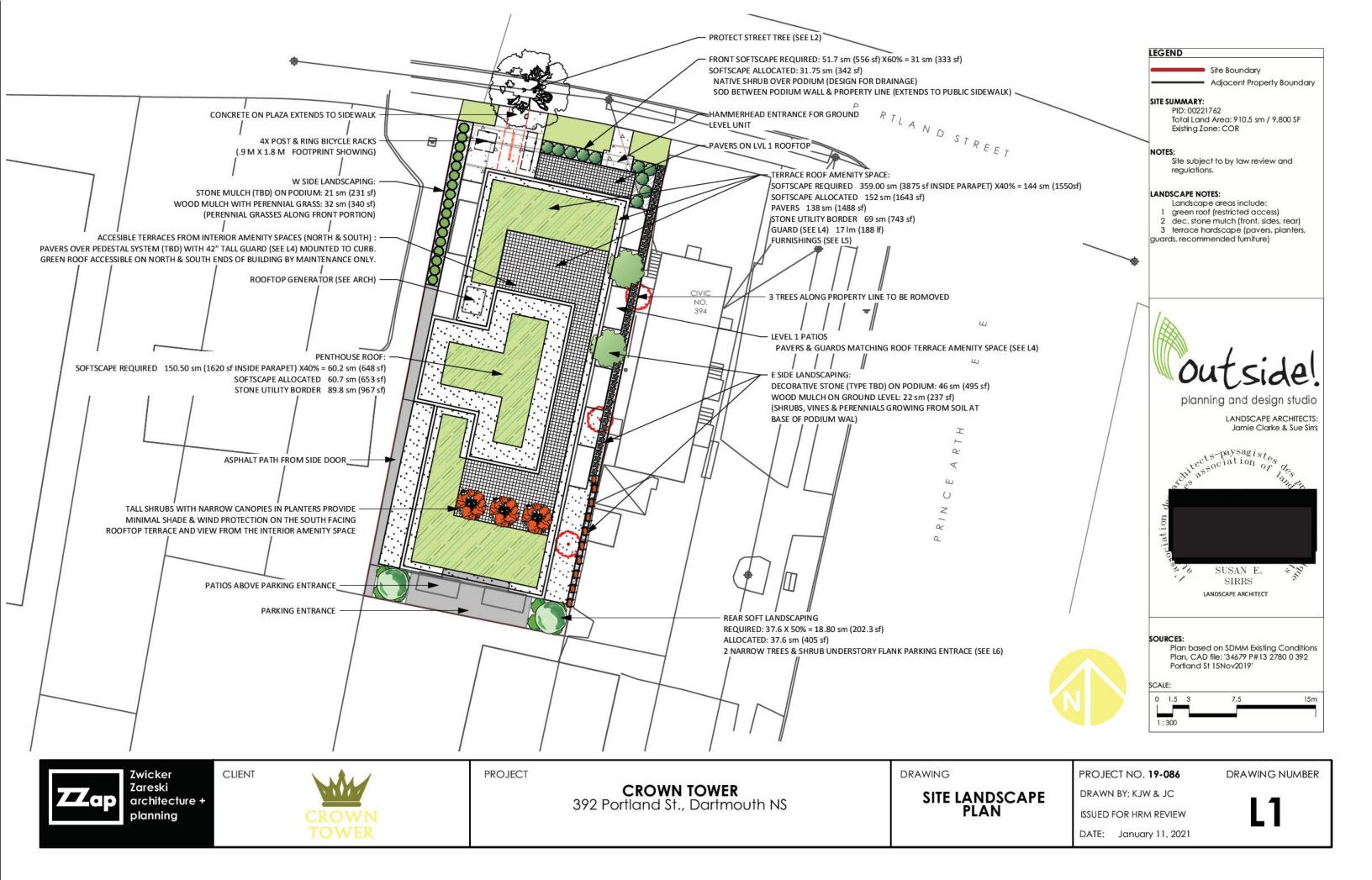


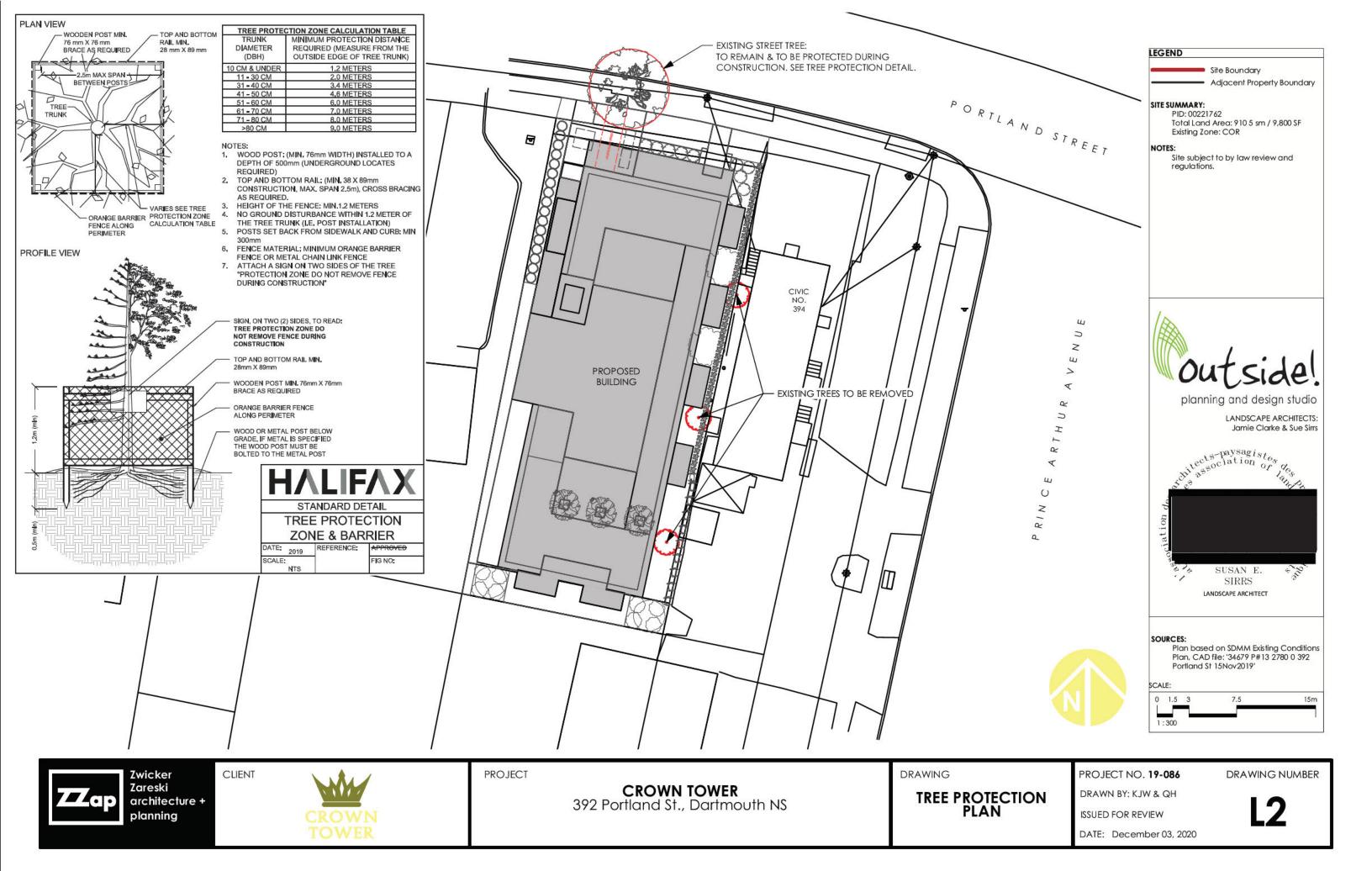
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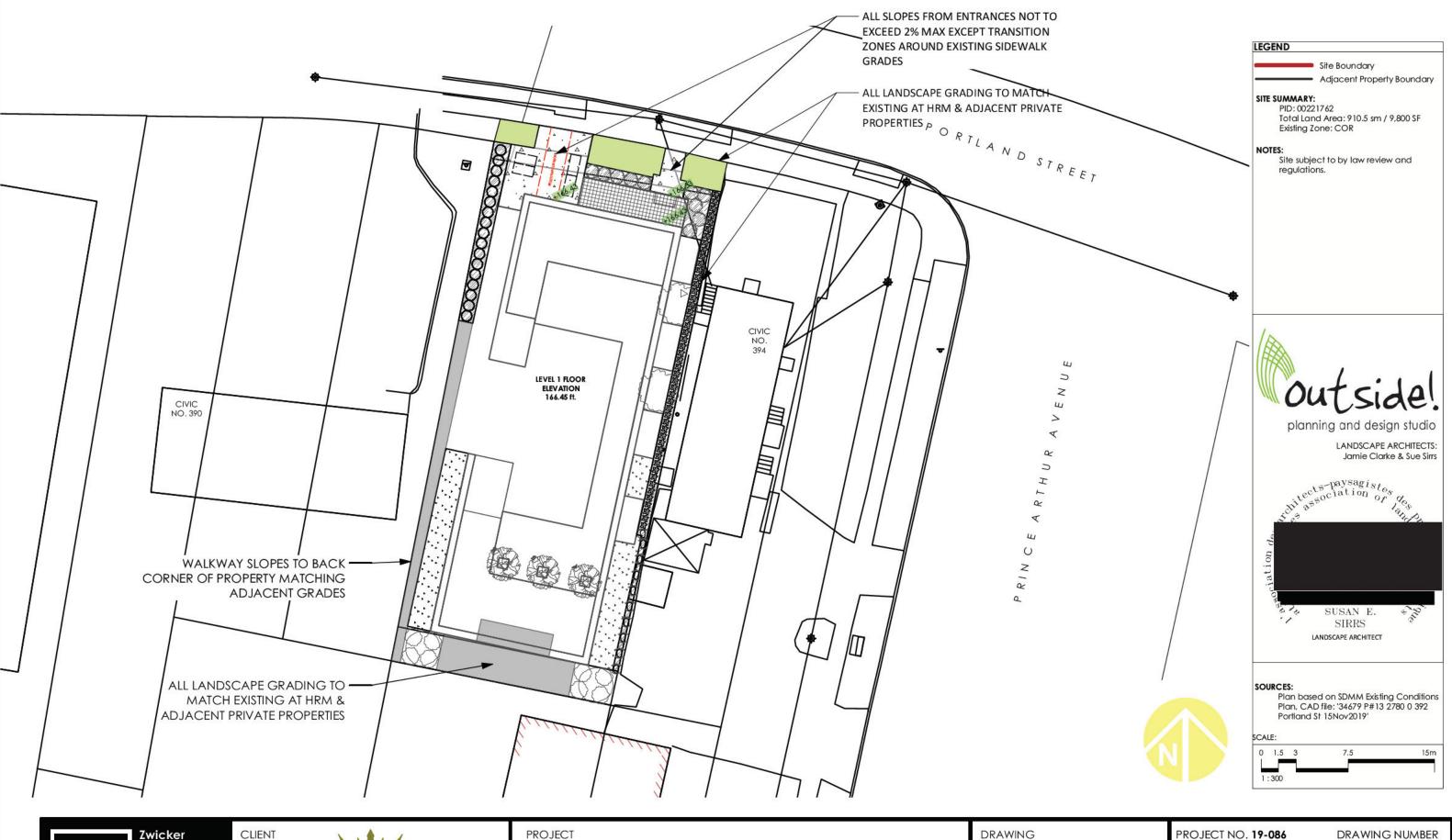
DRAWN BY: KJW & QH ISSUED FOR REVIEW

DATE: December 03, 2020

DRAWING NUMBER











CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

LANDSCAPE GRADING PLAN

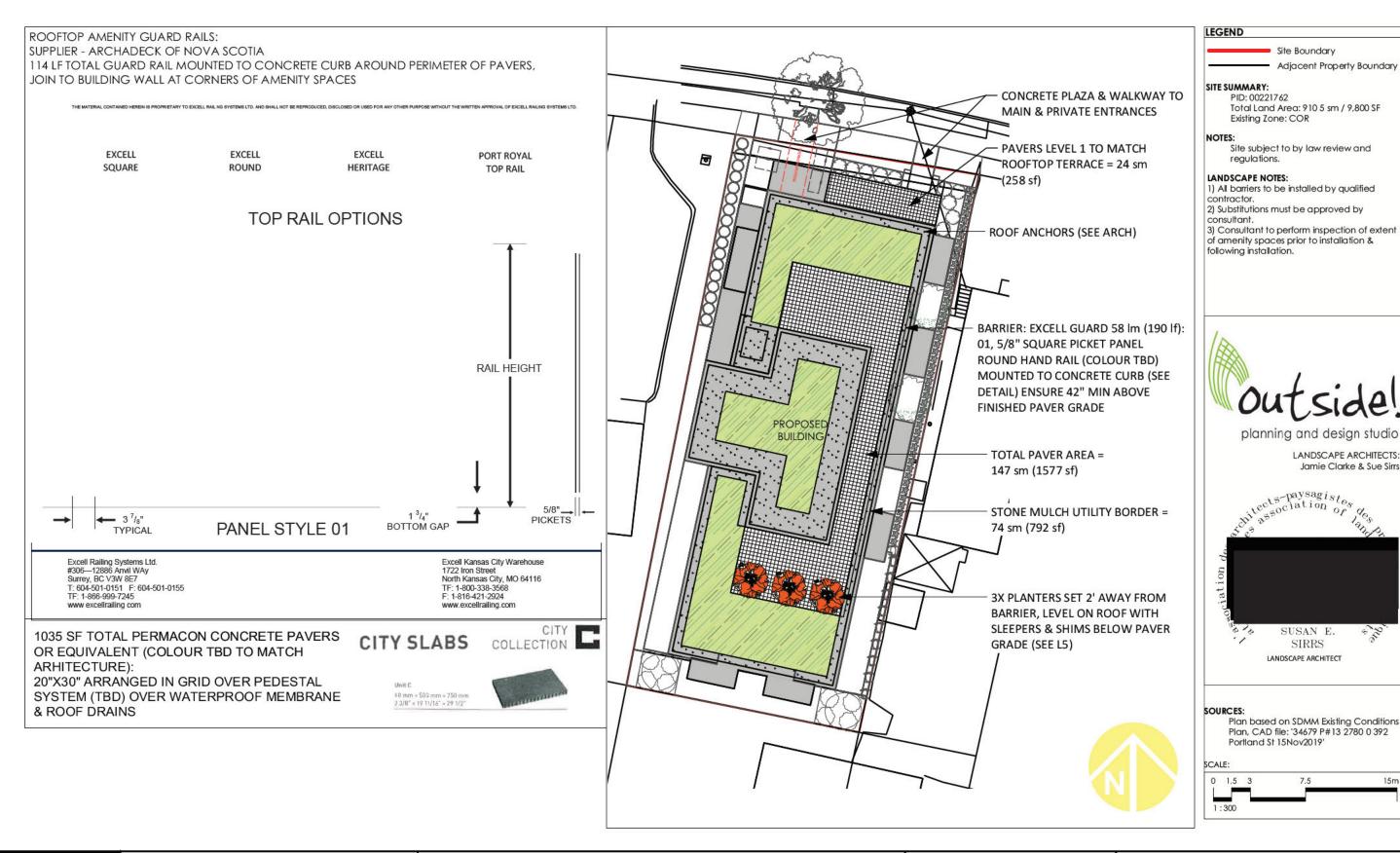
PROJECT NO. 19-086

DRAWN BY: KJW & QH

ISSUED FOR REVIEW

DATE: December 03, 2020

DRAWING NUMBER







CLIENT

PROJECT

CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

ROOFTOP TERRACE HARDSCAPE PLAN

PROJECT NO. 19-086

DRAWN BY: KJW & JC

ISSUED FOR HRM REVIEW

DATE: January 11, 2021

DRAWING NUMBER

15m

LANDSCAPE ARCHITECTS: Jamie Clarke & Sue Sirrs

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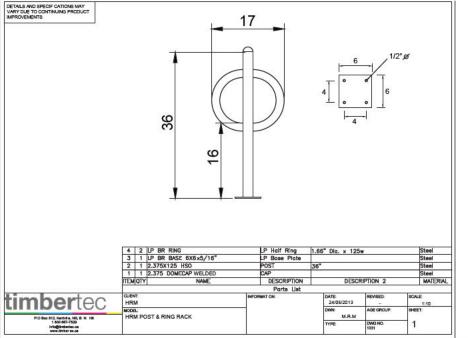
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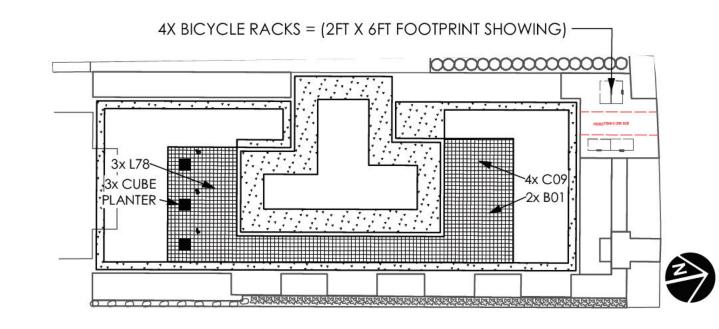
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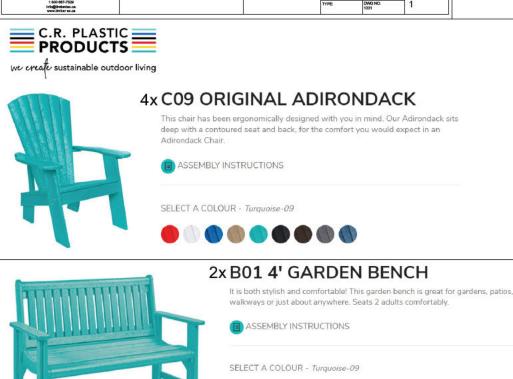
LANDSCAPE ARCHITECT

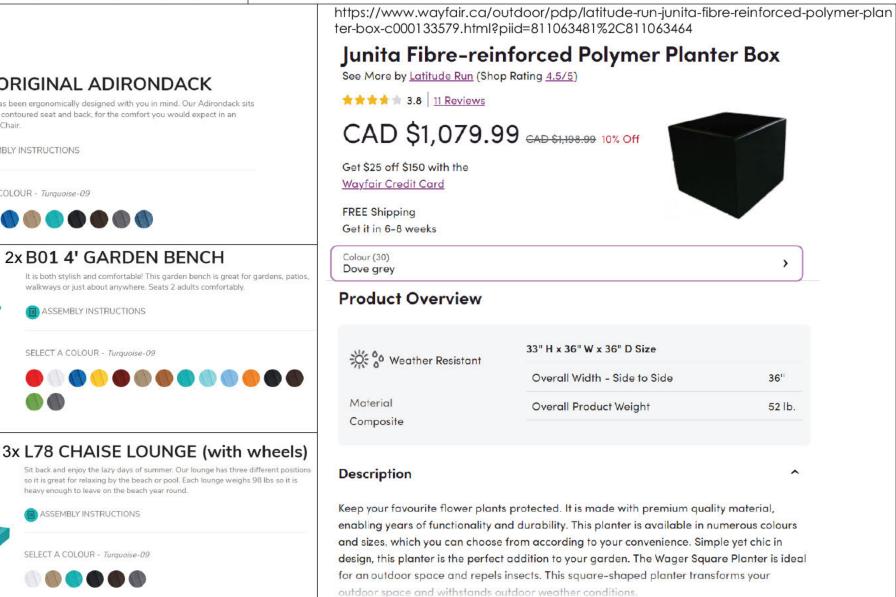
Site Boundary

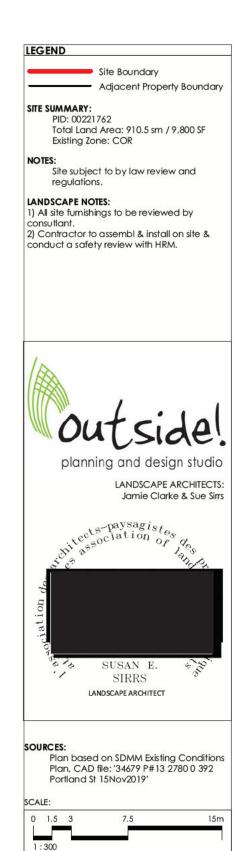
Adjacent Property Boundary















heavy enough to leave on the beach year round.

ASSEMBLY INSTRUCTIONS

SELECT A COLOUR - Turquoise-09

PROJECT

CROWN TOWER 392 Portland St., Dartmouth NS DRAWING

36"

52 lb.

SITE FURNISHINGS PLAN

PROJECT NO. 19-086

DRAWN BY: KJW & JC

DRAWING NUMBER

ISSUED FOR HRM REVIEW

DATE: January 11, 2021



PRUNE DEAD, BROKEN, STUBS

2 VERTICAL STAKES PER TREE:

150mm DEPTH

STAKES - MIN. 2.0m LENGTH PLAIN

TREE STAKES SET MIN, 600mm INTO

STAKES ALIGNED WITH PREVAILING

WIND DIRECTION OR DIRECTION OF TRAFFIC

FORM A 100mm HIGH SOIL RING

BED PREPARATION AREA SOIL FRACTURED TO A DEPTH OF

BACKFILL WITH TOPSOIL,

STABILITY OF ROOT BALL) FOLD 1/3 (OR REMOVE) WIRE

BASKET & BURLAP FROM TOP

UNDISTURBED NATIVE SOIL

MODERATELY COMPACTED (ENSURE

SCARIFY BOTTOM AND

STANDARD DETAIL

TREE

PLANTING

2019 SCALE:

RE-ESTABLISH ANY

DAMAGED SEED/SOD

FINISHED GRADE

LESS THAN 60mm CALIBER

RUBBER HOSE

No. 12 (MIN. SIZE)

BACK ON ITSELF

TREE GUARD

ROOT COLLAR

POSITION AT APPROX

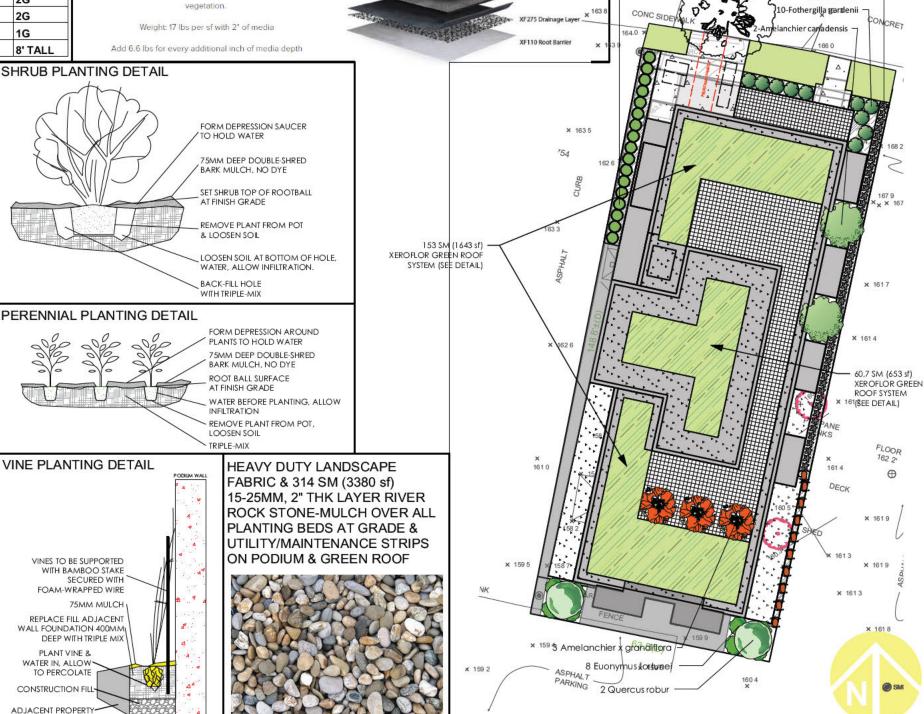
3/5 HT. FOR ALL TREES

GALVANIZED GUY WIRE

WRAP GUY WIRE END

ARBORGARD + AG9-4 OR APPROVED EQUIVALENT XeroFlor Green Roof Sedum Mat System (2296sf) + aluminum angle edge XeroFlor + Growing Media The Lightweight Built-Up

The XF + GM built-up system is a suitable assembly for retrofitting projects - especially in southern climates which required more noisture during dry seasons. An extra two inches of growing media not only increases the water retention capacity, but also provides the nutrients and moisture necessary for a more varied selection of vegetation.



LEGEND Site Boundary Adjacent Property Boundary SITE SUMMARY: PID: 00221762 Total Land Area: 910.5 sm / 9,800 SF Existing Zone: COR

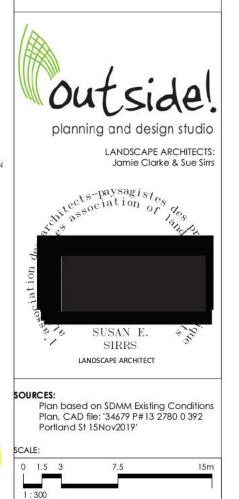
Site subject to by law review and

regulations. LANDSCAPE NOTES:

INSTALLATION.

) ALL LANDSCAPE WORK TO BE COMPLETED BY OCTOBER 30TH OF THE SAME YEAR. 2) PLANTING TO BE EXECUTED IN ACCORDANCE WITH CANADIAN NURSERY LANDSCAPE ASSOCIATION. 3) CONTRACTOR TO PROCURE ALL PLANTS & LANDSCAPING MATERIALS, STORE IN SECURE LOCATION, PROTECT FROM WIND & SUN DAMAGE WITH SUFFICIENT IRRIGATION PRIOR TO

4) CONTRACTORS TO WARRANTEE ALL PLANTS FOR 1 FULL YEAR AFTER INSTALLATION





LANTING HOLE

1. SOAK THE ROOTBALL AND BACKFILL AREA WITH 40

ROOT BALL MIN. SIZE AS PER CNLA STANDARDS FOR NURSERY STOCK

2. CUT AND REMOVE ALL WIRE, ROPE, BURLAP AND

TWINE FROM THE TOP ! OF THE ROOTBALL PRUNE AT PLANTING TO CAREFULLY REMOVE DEAD, BROKEN AND DAMAGED BRANCHES

LITRES OF WATER AFTER PLANTING



PROJECT

CROWN TOWER392 Portland St., Dartmouth NS

DRAWING

17 Miscanthus/sinensis 'Gracillimus'

49-Hosta 'mix

PLANTING PLAN & DETAILS

PROJECT NO. 19-086 DRAWN BY: KJW & JC

ISSUED FOR HRM REVIEW

DATE: January 11, 2021

DRAWING NUMBER



SHADOW IMPACT STUDY: CROWN TOWER PROJECT 392 Portland Street, Dartmouth, NS Application #: 23019

Submitted to: Rachel Groat

Planner I

Land Development & Subdivision Halifax Regional Municipality

Submitted by: Justine Bowles, M. Arch, MRAIC, NSAA

Principal

ZZap Consulting Inc.

This shadow study consists of the written report together with attached Shadow Study Diagram dated December 3rd, 2020.

Site latitude and longitude used for this study are based on the latitude and longitude of the Regional Centre as follows:

Latitude: 44° 39'50" N (44.6639° N) Longitude: 63° 35' 05" W (63.5847° W)

Time Zone: Atlantic Standard Time (UTC-03:00)

Site Location: The astronomic bearings of the site are shown on a plan of survey dated December 3, 2020, by SDMM Ltd.

Base Mapping:

The background mapping was obtained from Opendata_HRM_Building Outlines, Opendata_HRM,_HRM Parks, Provincial property mapping.

This shadow study analysis is based on an assumed flat ground floor plane at elevation 165.53' (50.45m). Building heights relate to this datum.

Test Date and Times:

The shadow test times between 8:00 am and 6:00 pm with 2-hour increments for September 21 been compiled into single drawing sheet to illustrate compliance with the shadow criteria.

Shadow Criteria:

Shadow impact from proposed developments should not cause fewer than 6 hours of sunlight, and no more than 4 continuous of shade, on any portion of an area of Maynard Lake Park.

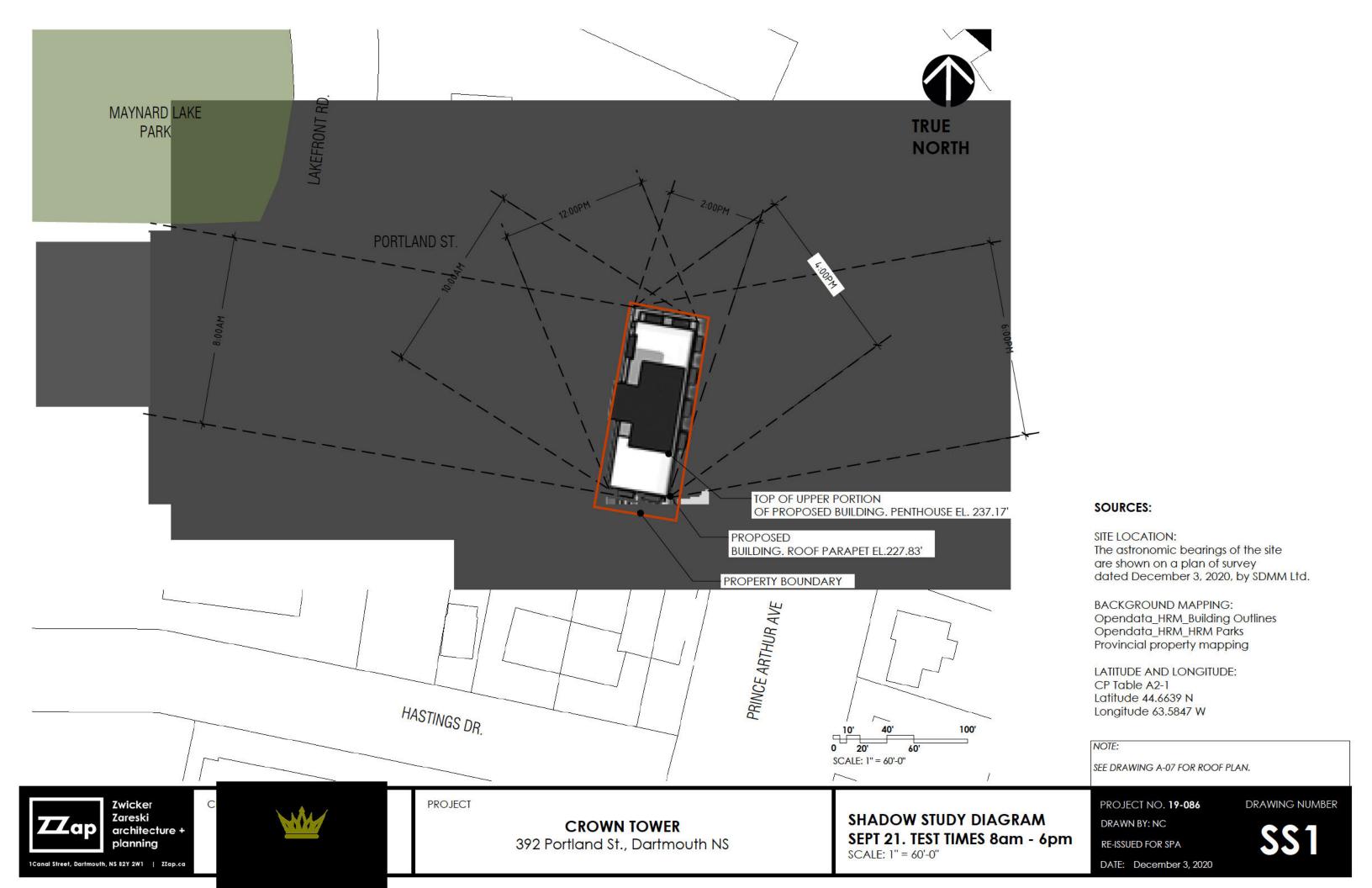
This criterion is met in such that shadows of proposed development do not reach the park in any study time.

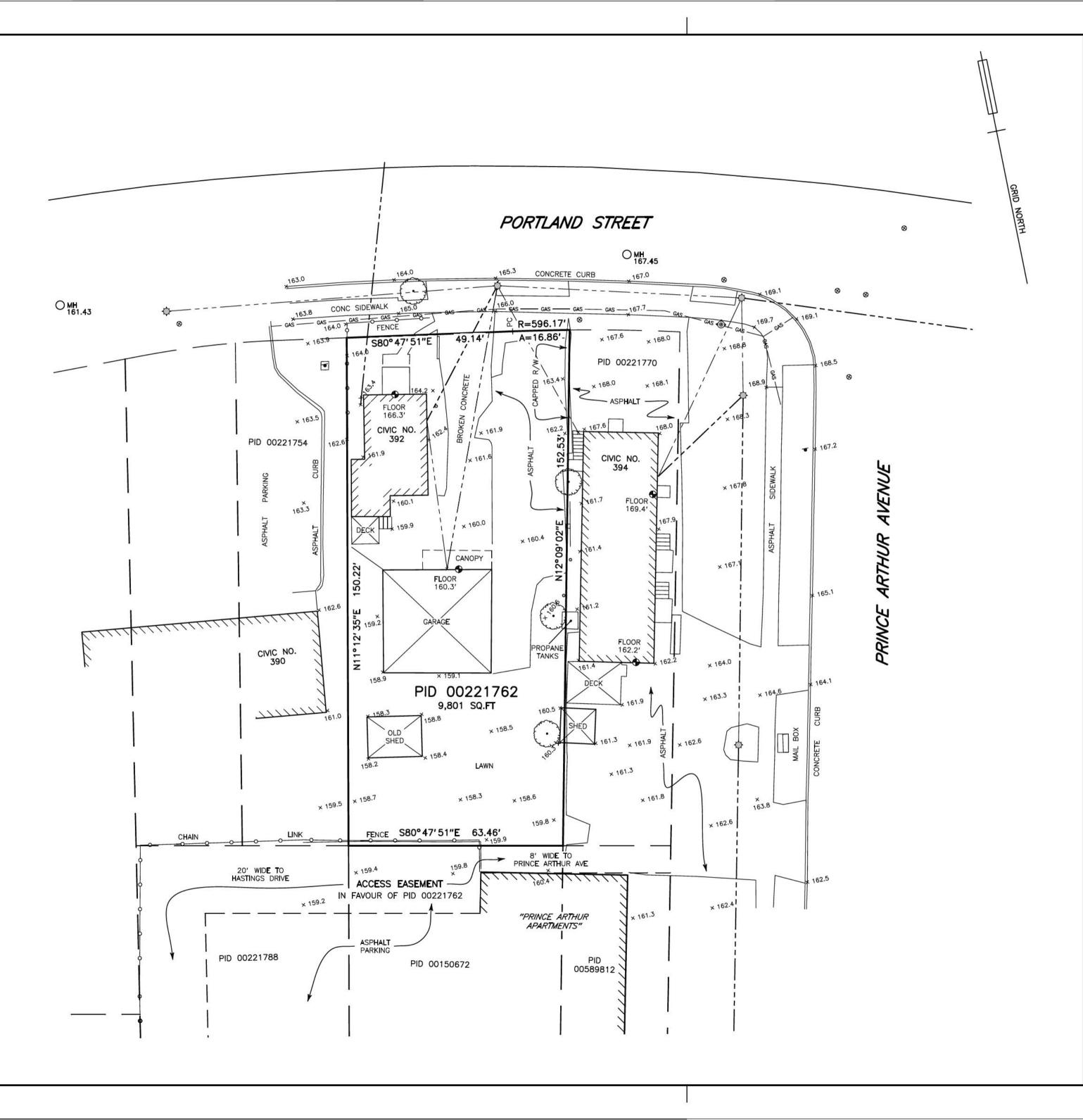
Justine Bowles, M. Arch, MRAIC, NSAA



Principal, ZZap Consulting Inc.



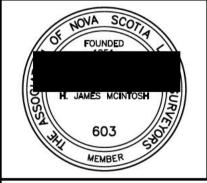




LEGEND					
	PERIMETER OF LANDS SURVEYED				
×123.4	SPOT ELEVATION				
O MH	MANHOLE				
	CATCHBASIN				
)- CVINV	CULVERT INVERT				
ф-<	UTILITY POLE & ANCHOR				
•	LIGHT STANDARD				
•	FIRE HYDRANT				
8	WATER VALVE				
0	BOLLARD				
Þ	SIGN POST				
PC	POINT OF CURVATURE				
A, R	ARC LENGTH, RADIUS OF CURVATURE				
H C L RO	HALIFAX COUNTY LAND REGISTRATION OFFICE				
PID	PARCEL IDENTIFICATION NUMBER				
CONC	CONCRETE				
R/W	RETAINING WALL				
-	CHAINLINK FENCE				
0-0-0-	WOOD FENCE				
	OVERHEAD WIRES				
GAS	GAS LINE				
0	HARDWOOD TREE				

NOTES

- ELEVATIONS ARE BASED ON CANADIAN GEODETIC VERTICAL DATUM 2013 AND RELATE TO NOVA SCOTIA COORDINATE MONUMENT NO. 205409; ELEVATION = 206.58' MEASURED.
- 2. FIELD SURVEY WAS CARRIED OUT ON NOVEMBER 7, 2019.
- 3. CAUTION: DIGITAL DATA BASED ON THIS SURVEY MUST BE USED IN CONJUNCTION WITH THIS PLAN. USERS ARE ADVISED TO CONFIRM THE ACCURACY OF DIGITAL INFORMATION NOT EXPRESSLY INDICATED HEREON.
- FIELD SURVEY AND DATA OBTAINED FROM VARIOUS UTILITY OPERATORS. THE EXACT LOCATION OF UNDERGROUND SERVICES IS NOT CONFIRMED. CONTACT SHOULD BE MADE WITH ALL UTILITY OPERATORS RELATING TO THE CONFIRMATION OF THE SERVICES SHOWN HEREON AND FOR OTHER SERVICES WHICH MAY EXIST BEFORE CONSTRUCTION COMMENCES.



SDMM

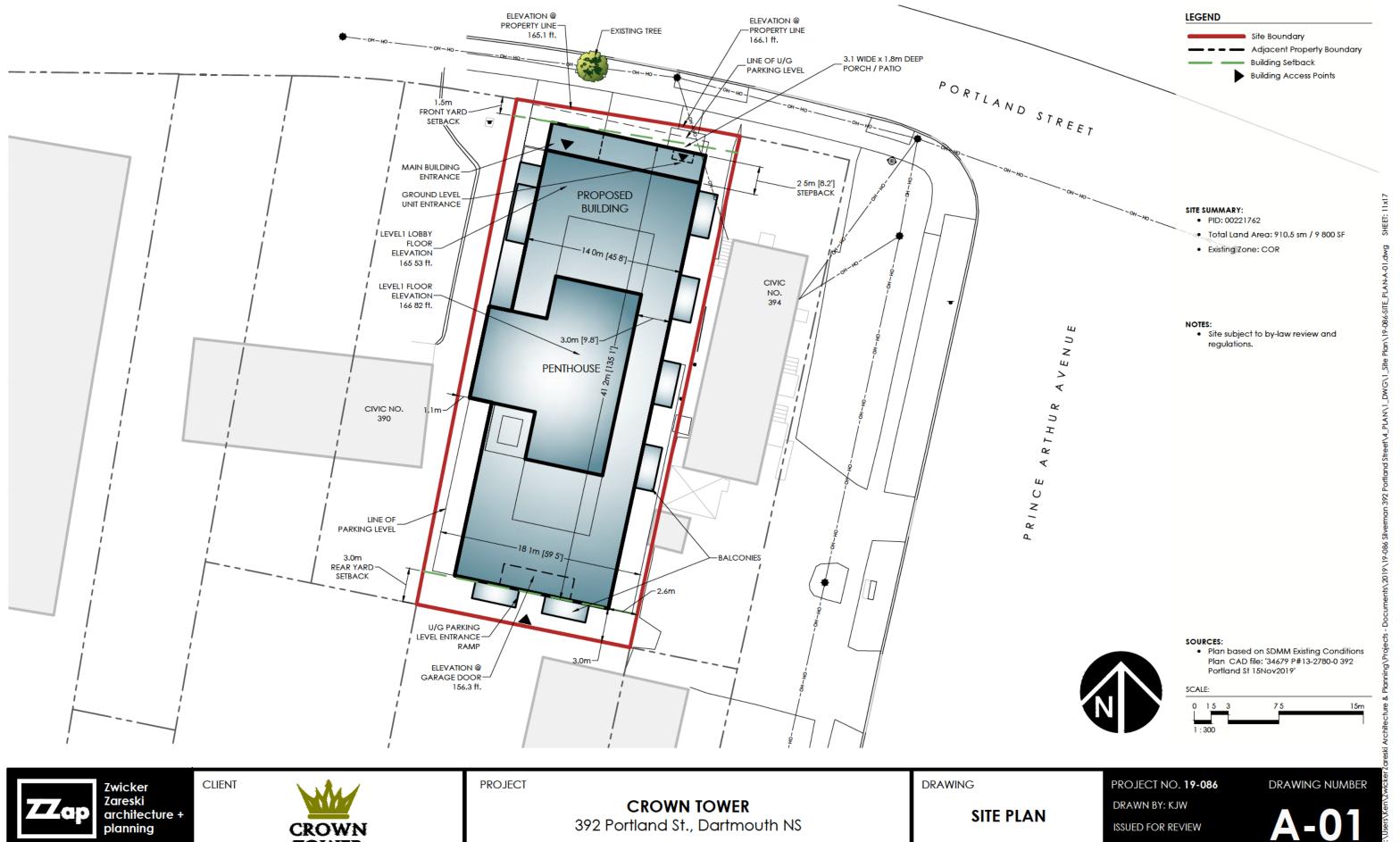
Servant, Dunbrack, McKenzie & MacDonald Ltd.
NOVA SCOTIA LAND SURVEYORS & CONSULTING ENGINEERS

36 OLAND CRESCENT BAYERS LAKE BUSINESS PARK HALIFAX, NS B3S 1C6 PHONE: (902) 455-1537 FAX: (902) 455-8479 WEB: www.sdmm.cg

PID 00221762
392 PORTLAND STREET
DARTMOUTH, HALIFAX COUNTY, NOVA SCOTIA

EXISTING CONDITIONS

Date	Drawn	Project No.	
DECEMBER 3, 2020	M. GREENWELL	FILE No. 1-7-215 (35209)	
Scale	Checked By	Plan No.	
1" = 20'	J. MCINTOS H	13-2780-2	
Reference	Reviewed By		
	565	Drawing Name	
Surveyed	Sheet	\neg	
SDMM	1 OF 1		
1			
0	10 20	40 60	



planning 1 Canal Street Dartmouth NS B2Y 2W1 ZZap ca



DATE: October 27, 2020