

CORPORATION OF THE TOWNSHIP OF ESQUIMALT

Municipal Hall 1229 Esquimalt Road Esquimalt, B.C. V9A 3P1

Legislation Details (With Text)

File #: 20-295 Version: 1 Name:

Type: Staff Report Status: Passed
File created: 6/11/2020 In control: Council
On agenda: 6/22/2020 Final action: 6/22/2020

Title: Rezoning Application - 481 South Joffre Street, Staff Report No. DEV-20-026

Sponsors:

Indexes:

Code sections:

Attachments: 1. Appendix A - Bylaw No. 2999 - 491 S Joffre Street - CD141 - DADU, 2. Appendix B - Subject

property map, Air photo, Current zone RD-3, 3. Appendix C - Proposed DADU Regulatory Framework - COTW March 9, 4. Appendix D - Applicants Letter, Green Checklist, Arborists Report, 5. Appendix E - BCLS Site Plan, Building Plans, 6. Appendix F - Applicants consultation - Feb 2020, 7. Appendix G -

Applicants PowerPoint Presentation, 8. Appendix H - Staff PowerPoint Presentation

Date	Ver.	Action By	Action	Result
6/22/2020	1	Council		

REQUEST FOR DECISION

DATE: June 17, 2020 Report No. DEV-20-026

TO: Laurie Hurst, Chief Administrative Officer

FROM: Karen Hay, Planner and Bill Brown, Director of Development Services

SUBJECT:

Rezoning Application for 481 South Joffre Street.

RECOMMENDATION:

- 1. That Council resolves that Zoning Bylaw, 1992, No. 2050, Amendment Bylaw No. 2999, attached as Appendix A to Staff Report DEV-20-026, which would amend Zoning Bylaw, 1992, No. 2050, by changing the zoning designation of 481 South Joffre Street [PID 003-150-909, Lot 4, Section 11, Esquimalt District, Plan 4729], shown cross-hatched on Schedule 'A' of Bylaw No. 2999, from Two Family/ Single Family Residential [RD-3] to Comprehensive Development District No. 141 [CD. No. 141], be given first and second reading; and
- 2. That Council waive the Public Hearing pursuant to *Local Government Act*, Section 464(2) for Zoning Bylaw, 1992, No. 2050, Amendment Bylaw No. 2999 and direct staff to proceed with appropriate public notification and return the bylaw to Council for consideration of third reading.

RELEVANT POLICY:

Declaration of Climate Emergency

Local Government Act

Official Community Plan Bylaw, 2018, No. 2922 [OCP]

Zoning Bylaw, 1992, No. 2050

Parking Bylaw, 1992, No. 2011

Development Application Procedures and Fees Bylaw, No. 2791, 2012

Advisory Planning Commission Bylaw, 2012, No. 2792

Subdivision and Development Control Bylaw, 1997, No. 2175

STRATEGIC RELEVANCE:

Support community growth, housing and development consistent with our Official Community Plan.

BACKGROUND:

Appendix A: Bylaw No. 2999 - 491 S Joffre Street - CD No.141 - DADU

Appendix B: Property map, Air photo, RD-3 zone

Appendix C: Proposed DADU Regulatory Framework - COTW March 9, 2020

Appendix D: Applicant's Letter, Green Checklist, Arborist's Report

Appendix E: BCLS Site plan, Building plans

Appendix F: Applicant's neighbourhood consultation - Feb 2020 Appendix G: Applicant's PowerPoint Presentation - Council June 22

Appendix H: Staff PowerPoint Presentation - Council June 22

Purpose of the Application:

The applicant is requesting a change in zoning from Two Family/Single Family Residential [RD-3] to a Comprehensive Development District, to create a development where the existing single family dwelling is retained and a new detached accessory dwelling unit [DADU], "garden suite" is added in the rear yard of the property.

This site is located within Development Permit Area No. 1 - Natural Environment, Development Permit Area No. 3 - Enhanced Design Control Residential, Development Permit Area No. 7 - Energy Conservation and Greenhouse Gas Reduction, and Development Permit Area No. 8 - Water Conservation, of the Esquimalt Official Community Plan Bylaw, 2018, No. 2922. Should this rezoning application be approved, a Development Permit would be required to ensure that the application is generally consistent with the Development Permit Area guidelines, before a building permit could be issued for the construction of a structure.

Evaluation of this application should focus on issues relevant to zoning such as the appropriateness of the proposed uses, height, density, massing, proposed unit sizes, siting, setbacks, lot coverage, useable open space, parking, how the building relates to adjacent and surrounding sites and whether the proposal is generally appropriate and consistent with the overall direction contained within the Official Community Plan.

Context:

Applicant: John Sorenson, J. Sorenson Design Build

Owner: Lynn Mitchell Designer: Adapt Design

Property Size: Metric: 682.3 m2 Imperial: 7344.2 ft2Existing Land Use: Single

Family Residential

Surrounding Land Uses:

North: Single Family Residential South: Single Family Residential West: Single Family Residential Multiple Family Residential

Existing Zoning: Two Family/ Single Family Residential [RD-3] **Proposed Zoning**: CD [Comprehensive Development District]

Existing OCP Designation: Low Density Residential [No change proposed]

Official Community Plan (OCP) Analysis:

The proposed development for a single family dwelling and DADU is consistent with the Present and the Proposed Land Use Designations of 'Low Density Residential'; therefore an amendment to the OCP is not necessary. The following OCP objectives and policies can be useful in evaluating this proposal.

OCP Section 5.1 General: Anticipated Housing Needs in the Next Five Years

OBJECTIVE: Support expansion of housing types within Esquimalt while addressing concerns such as tree protection, parking, traffic, noise, effects on neighbouring properties, and neighbourhood character.

- Policy Support the inclusion of secondary suites within present and proposed low density residential land use designated areas.
- Policy Support the inclusion of detached accessory dwelling units on appropriate low density residential land use designated areas where only one principal dwelling unit exists.
- Policy Support the development of a variety of housing types and designs to meet the
 anticipated housing needs of residents. This may include non-market and market housing
 options that are designed to accommodate young and multi-generational families, the local
 workforce, as well as middle and high income households.
- Policy Encourage the development of rental accommodation designed for a variety of demographic household types, including young families.

5.2 Low Density Residential Redevelopment

OBJECTIVE: Strive for redevelopment and infill development that improves and enhances the appearance and livability of neighbourhoods and the community as a whole.

- Policy Proposed redevelopment or infill within present low density residential land use designated areas should be built to high quality design and landscaping standards and respond sensitively to existing neighbourhood amenities.
- Policy Consider the inclusion of secondary suites in infill developments where it is demonstrated that neighbourhood impacts can be mitigated.
- Policy Support the inclusion of detached accessory dwelling units on appropriate low density residential land use designated areas where only one principal dwelling unit exists.

Zoning Analysis:

Esquimalt currently does not have any regulations for DADU's. A staff report was presented to the Esquimalt Committee of the Whole on March 9, 2020 that suggested some possible future regulations (Appendix C). These proposed regulations are provided for comparison, are primarily based on regulations found in neighbouring municipalities, and still require further evaluation.

The subject property is a fairly large lot where the current zoning allows a two family dwelling to be constructed. The owner is willing to forgo the opportunity to build the two family dwelling in favour of a smaller dwelling unit in the rear yard. The proposed Comprehensive Development District zone contains the following uses: single family residential, detached accessory dwelling unit [DADU], home occupation, and urban hens.

<u>F.A.R.</u>, <u>Lot Coverage</u>, <u>Siting</u>, <u>Setbacks</u>, <u>etc.</u>: The table on the following page compares the requirements of the current zone, RD-3 [Two Family /Single Family Residential], with the proposed CD zone. Note: Accessory buildings are requirements are different than the DADU requirements and are shown in brackets.

The existing house is 90 m² (970 ft²) and the proposed accessory dwelling unit is 70 m² (750 ft²). Floor Area Ratio measures the size of a building (or for all buildings on a lot) as a ratio of the size of the lot on which the building(s) sit. The proposed FAR at 0.35 is similar to the permitted FAR in the RD-3 zone. Many of the single-unit infill developments in Esquimalt have been built with a FAR close to 0.35.

The existing home does not have a secondary suite and one is not proposed for this application, but some jurisdictions do allow both detached accessory dwelling units and secondary suites on a single parcel. The proposed DADU ("garden suite") is two storeys with the second storey built into the roofline. In many jurisdictions DADU's are restricted to a single storey with a height similar to an accessory building. The proposed siting for the DADU complies with the RD-3 accessory building siting, but specific siting regulations are provided in the amending bylaw.

A covenant could be registered against the title of the property; limiting the development from future subdivision and disallowing short-term rentals.

	RD –	3 zone	Proposed CD Zone		
	Principal building	Accessory Building	Principal building	DADU + (Accessory Buildings)	
Minimum Parcel Size	530) m²	682.3 m ²		
Floor area ratio (FAR)	0.	35	(0.35	
Lot coverage	30% (all buildings)	10%	30% (all buildings)	8 % (2%)	
Building height	7.3 m	3.6 m	7.3 m	5.2 m (3.6 m)	
Setbacks • Front	7.5 m	Behind principal building	6.4 m	Behind principal building - for both	
• Rear	7.5 m	1.5 m	7.5	3.7 (1.5)	
• Interior Side	3.0 m/1.5 m	1.5 m / 1.5 m	3.0 m/1.37 m	9.0 m / 1.5 m (1.5 m/ 1.5 m)	
Building separation				5.0 m from Principal Building (2.5 m)	
Off-street parking		ce per ng unit	- Potential 1 in f	e per dwelling unit in front yard for house to house for DADU	

Parking Analysis:

Parking Bylaw 1992, No. 2011 requires one parking space per dwelling unit, and that in residential zones the parking spaces shall be located no closer to the front lot line than the front face of the principal building, with an exception for buildings built prior to September 1957. Currently the plans show one parking space behind the front face of the principal building, and a potential second parking space could be reclaimed in the front yard. The location in the front yard was previously a parking space and is currently a patio.

Comments from Other Departments:

The plans for this proposal were circulated to other departments and the following comments were received by the submission deadline:

<u>Community Safety Services (Building Inspection)</u>: Project will be subject to review for current BC Building Code and municipal bylaw compliance at the time of a Building Permit application.

Engineering Services: Engineering staff have completed a preliminary evaluation of the Works and Services that would be required for the proposed development. According to Subdivision and Development Control Bylaw, 1997, No. 2175, including all schedules, the developer may be required to provide all works and services up to the road centre line. Staff confirm that the design appears achievable on the site and that new drain and sewage services maybe required for both buildings. The applicant is responsible for retaining the services of a qualified professional for the design and construction supervision of all works and services, including construction costs, engineering fees, administrative costs and contingency allowance, as indicated in Bylaw No. 2175. Additional comments provided when detailed engineering drawings submitted.

<u>Parks Services</u>: Tree protection fencing will need to be erected at the dripline for all trees, and possibly the neighbour's trees. Tree cutting permits are required for all trees that may be removed.

Fire Services: Please ensure suite address is visible from the street.

Comments from the Advisory Planning Commission:

This application was considered at the regular meeting of the Advisory Planning Commission [APC] held on April 21, 2020. The APC members supported this application and recommended the following:

"That the application for rezoning, authorizing a new detached accessory dwelling unit [DADU], "garden suite" to be constructed behind the existing single family dwelling be forwarded to Council with a recommendation to approve as the proposal is an appropriate form of infill development."

Time Line

November 27, 2019 - Rezoning application received (staff request revisions) Feb 7, 2020 - Revised application package received March 11, 2020 - Neighbourhood consultation package mailed April 21, 2020 - Advisory Planning Commission provides a recommendation

ISSUES:

1. Rationale for Selected Option

The Advisory Planning Commission has recommended approval of this proposal. The addition of a two bedroom dwelling unit in this location is consistent with policies found in the Official Community Plan, providing family housing that is sensitive to the existing neighbourhood with high quality design.

The applicant has indicated a willingness to enter into a Section 219 covenant to assure Council this will not be a short-term rental and it will not be subdivided.

2. Organizational Implications

This Request for Decision has no significant organizational implications.

3. Financial Implications

This Request for Decision has no significant financial implications.

4. Sustainability & Environmental Implications

The applicant has completed the Green Building Checklist. [Appendix D]

5. Communication & Engagement

Public Notification

As this is a rezoning application, whether it proceed to a public hearing or be waived by Council, a notice would be mailed to tenants and owners of properties within 100 metres (328 feet) of the subject property. A sign indicating that the property is under consideration for a change in zoning has been placed on the South Joffre frontage and would be updated to reflect either, the date, time and location of the public hearing or that it has been waived. Additionally, notice of the public hearing or notice that it has been waived, would be placed in two editions of the Victoria News.

Applicant's neighbourhood meeting submission

The applicant has indicated that they held a public meeting (open house) and met with neighbours on March 21, 2020 in order to comply with the public consultation procedures of Development Application Procedures and Fees Bylaw, 2012, No. 2791. [Appendix F]

ALTERNATIVES:

- That Council give Bylaw No. 2999 first and second readings and that Council waive the Public Hearing and direct staff to proceed with appropriate public notification, and return the bylaw to Council for consideration of third reading.
- That Council give Bylaw No. 2999 first and second readings, and authorize the Corporate Officer to schedule a Public Hearing.
- 3. Council postpone consideration of Bylaw No. 2999 pending receipt of additional information.

CORPORATION OF THE TOWNSHIP OF ESQUIMALT

BYLAW NO. 2999

A Bylaw to amend Bylaw No. 2050, cited as the "Zoning Bylaw, 1992, No. 2050"

THE MUNICIPAL COUNCIL OF THE CORPORATION OF THE TOWNSHIP OF ESQUIMALT, in open meeting assembled, enacts as follows:

- 1. This bylaw may be cited as the "ZONING BYLAW, 1992, NO. 2050, AMENDMENT BYLAW NO. 2999".
- 2. That Bylaw No. 2050, cited as the "Zoning Bylaw, 1992, No. 2050" be amended as follows:
 - (1) at PART 1 INTERPRETATION Section 2. DEFINITIONS by adding the following definition:
 - "Detached Accessory Dwelling Unit" (also "Garden Suite"): means a detached secondary Building, subordinate to and on the same parcel as a detached Single Family Dwelling that does not contain a Secondary Suite, consisting of one Dwelling Unit, which is occupied or intended to be occupied as the Permanent Residence by one Family.
 - (2) by adding the following words and figures at PART 5 ZONING DISTRICTS Section 31. ZONE DESIGNATIONS, in the appropriate alpha-numeric sequence:
 - "Comprehensive Development No. 141 (481 South Joffre Street) CD No. 141"
 - (3) by adding the following text as Section 67.128 (or as other appropriately numbered subsection within Section 67):

67.128 COMPREHENSIVE DEVELOPMENT DISTRICT NO. 141 [CD NO. 141]

In that Zone designated as CD No. 141 [Comprehensive Development District No. 141] no Building or Structure or part thereof shall be erected, constructed, placed, maintained or used and no land shall be used except in accordance with and subject to the regulations contained in or incorporated by reference into this Part.

(1) Permitted Uses

The following Uses and no others shall be permitted:

- a) Single Family Residential
- b) Detached Accessory Dwelling Unit (also "Garden Suite")
- c) Home Occupation

d) Urban Hens: subject to the requirements of Section 30.4 of this bylaw.

(2) Parcel Size

The minimum Parcel Size of fee simple Parcels created by subdivision shall be 680 square metres.

(3) Subdivision

A Detached Accessory Dwelling Unit is not subject to subdivision under the provisions of either the Land Title Act or the Strata Property Act, including building strata, because the unit is a secondary use only and cannot satisfy the land use, density and other zoning regulations, nor the parcel size and other subdivision regulations, nor the provisions for singular control by the owner of the Single Family Dwelling, if separated from the Single Family Dwelling's principal Dwelling Unit.

(4) Number of Principal Buildings

Not more than one (1) Principal Building shall be located on a Parcel.

(5) **Density**

The number of Dwelling Units permitted in this CD-141 Zone shall be limited to two [2] for a density of one [1] unit per 340 square metres.

(6) Unit Size

The Floor Area of a Detached Accessory Dwelling Unit shall not exceed 70 square metres.

(7) Floor Area Ratio

The Floor Area Ratio shall not exceed 0.35.

(8) **Building Height**

- (a) No Principal Building shall exceed a Height of 7.3 metres.
- (b) No Detached Accessory Dwelling Unit shall exceed a Height of 5.2 metres.
- (c) No Accessory Building shall exceed a Height of 3.6 metres.

(9) Lot Coverage

- (a) Buildings and Structures combined shall not cover more than 30% of the Area of the Parcel.
- (b) A Detached Accessory Dwelling Unit shall not cover more than 8% of the Area of the Parcel.
- (c) All Accessory Buildings and Structures combined shall not cover

more than 2% of the Area of the Parcel.

(10) Siting Requirements

(a) Principal Building

- (i) Front Setback: No Principal Building shall be located within 6.4 metres of the Front Lot Line.
- (ii) Side Setback: No Principal Building shall be located within 1.37 metres of an Interior Side Lot Line, with the total Setback of all Side Yards not to be less than 4.5 metres. In the case where a Parcel is not served by a rear lane, one (1) Side Yard shall not be less than 3 metres.
- (iii) Rear Setback: No Principal Building shall be located within 7.5 metres of a Rear Lot Line.

(b) Detached Accessory Dwelling Unit

- (i) Front Setback: No Detached Accessory Dwelling Unit shall be located in front of the front face of the Principal Building.
- (ii) Side Setback: No Detached Accessory Dwelling Unit shall be located within 1.5 metres of the northern Side Lot Line.
- (iii) Side Setback: No Detached Accessory Dwelling Unit shall be located within 9.0 metres of the southern Side Lot Line.
- (iv) Rear Setback: No Detached Accessory Dwelling Unit shall be located within 3.7 metres of a Rear Lot Line.
- (v) Building Separation: No Detached Accessory Dwelling Unit shall be located within 5.0 metres of a Principal Building.

(b) Accessory Building

- (i) Front Setback: No Accessory Building shall be located in front of the front face of the Principal Building.
- (ii) Side Setback: No Accessory Building shall be located within 1.5 metres of an Interior Side Lot Line.
- (iii) Rear Setback: No Accessory Building shall be located within 1.5 metres of a Rear Lot Line.
- (iv) Building Separation: No Accessory Building shall be located within 2.5 metres of a Principal Building.
- (v) Building Separation: No Accessory Building shall be located within 2.5 metres of a Detached Accessory Dwelling Unit.

(11) <u>Development Permit Design Guidelines</u>

- (a) The entrance to the Detached Accessory Dwelling Unit shall be oriented to and visible from the street, well lit and provide protection from the elements by either a projecting roof or by recessing the front door.
- (b) A minimum 1.2 m wide, unobstructed pathway shall be provided to the front door of the Detached Accessory Dwelling Unit from the street, for certainty this could also be a driveway.
- (c) The Detached Accessory Dwelling Unit shall be provided with a minimum of 20 square metres of open space at grade, that is:
 - separate and distinct from that space available for the occupants of the principal dwelling;
 - (ii) adjacent to and accessible from the Detached Accessory Dwelling Unit;
 - (iii) defined through the use of landscaping;
 - (iv) distinct from the pathway from the street; and
 - (v) not usable as a vehicle parking space.
- (d) The Detached Accessory Dwelling Unit shall be provided with a garbage / recycling collection bin storage area onsite, screened from the view of pedestrians on the street.
- (e) The Detached Accessory Dwelling Unit shall be provided with a bicycle storage area, onsite, screened from the view of pedestrians on the street.

(12) Fencing

Subject to Section 22, no fence shall exceed a Height of 1.2 metres in front of the front face of the Principal Building and 2 metres behind the front face of the Principal Building.

(13) Off-Street Parking

Off-street parking shall be provided in accordance with the requirements of Parking Bylaw, 1992, No. 2011(as amended).

4. by changing the zoning designation of PID 003-150-909; Lot 4, Section 11, Esquimalt District, Plan 4729 [481 South Joffre Street] shown cross-hatched on Schedule "A" attached hereto from RD-3 [Two Family/ Single Family

Residential] to CD No. 141 [Comprehensive Development District No. 141].

5. by changing Schedule 'A' Zoning Map, attached to and forming part of "Zoning Bylaw, 1992, No. 2050" to show the changes in zoning classification effected by this bylaw.

READ a first time by the Municipal Council on the _	day of, 2020.			
READ a second time by the Municipal Council on the	ne day of, 2020.			
A Public Hearing was held pursuant to Sections Government Act on the day of, 2020.	464, 465, 466 and 468 of the <i>Local</i>			
READ a third time by the Municipal Council on the day of, 2020.				
ADOPTED by the Municipal Council on the day of, 2020.				
BARBARA DESJARDINS	RACHEL DUMAS			
MAYOR	CORPORATE OFFICER			











40. TWO FAMILY/SINGLE FAMILY RESIDENTIAL [RD-3]

The intent of this Zone is to accommodate Single Family or Two Family Dwelling Units on individual Parcels of land.

(1) Permitted Uses

The following Uses and no others are permitted:

- (a) Single Family Residential
- (b) Two Family Residential
- (c) Home Occupation
- (d) Boarding: subject to the requirements of Section 30.3
- (e) Urban Hens: subject to the requirements of Section 30.4 of this bylaw.

(2) Parcel Size

The minimum Parcel Size for Parcels created by subdivision shall be 668 square metres.

(3) Minimum Lot Width

The minimum width of Parcels created by subdivision shall be 18.3 metres, measured at the Front Building Line.

(4) Floor Area Ratio

- (a) For parcels 800 square metres in area and larger, the Floor Area Ratio for Two Family Dwellings shall not exceed 0.35.
- (b) For parcels under 800 square metres in area the Floor Area Ratio for Two Family Dwellings shall not exceed 0.4.

(5) Floor Area

The minimum Floor Area for the First Storey of a Principal Building shall be 88 square metres.

(6) **Building Height**

- (a) No Principal Building shall exceed a Height of 7.3 metres.
- (b) No Accessory Building shall exceed a Height of 3.6 metres.
- (c) When developing a front to back Two Family Dwelling, the back Dwelling Unit shall be no higher than the highest point of the existing Dwelling Unit. A Two Family Dwelling is considered back to front if more than 75% of the floor area of the back Dwelling Unit is behind the rear wall of the front Dwelling Unit.

(7) **Building Width**

The minimum width of any Single Family or Two Family Dwelling shall be 7 metres.

(8) Lot Coverage

- (a) All Principal Buildings, Accessory Buildings and Structures combined shall not cover more than 30% of the Area of a Parcel.
- (b) All Accessory Buildings and Structures combined shall not exceed 10% of the Area of a Parcel.

(8.1) Building Massing [Amendment, 2018, Bylaw No. 2938]

- (1) Second and Third Storey Setback: The front face of the second and third storey(s) shall be set back a minimum of 1.5 metres from the front face of the First Storey of the Principal Building.
- (2) Design Guideline: Articulation of building elements is encouraged, to add visual interest and reduce apparent building height and volume.







(9) Siting Requirements

(a) Principal Building

- (i) Front Setback: No Principal Building shall be located within 7.5 metres of the Front Lot Line.
- (ii) Side Setback: No Principal Building shall be located within 1.5 metres of an Interior Side Lot Line, with the total Setback of all Side Yards not to be less than 4.5 metres. In the case where a Parcel is not served by a rear lane, one (1) Side Yard shall not be less than 3 metres. In the case of a Corner Lot, no Principal Building shall be located within 3.6 metres of an Exterior Side Lot Line.
- (iii) Rear Setback: No Principal Building shall be located within 7.5 metres of a Rear Lot Line.

(b) Accessory Building

- (i) Front Setback: No Accessory Building shall be located in front of the front face of the Principal Building.
- (ii) Side Setback: No Accessory Building shall be located within 1.5 metres of an Interior Side Lot Line nor 3.6 metres of an Exterior Side Lot line.
- (iii) Rear Setback: No Accessory Building shall be located within

1.5 metres of a Rear Lot line.

(iv) Building Separation: No Accessory Building shall be located within 2.5 metres of a Principal Building.

(c) Garage Setback [Amendment, 2018, Bylaw No. 2938]

Detached Garages, and that portion of a Principal Building used as a Garage, shall be set back a minimum of 1.5 metres from the front face of the Principal Building.

(10) Common Wall Requirements

In Two Family Dwellings the common wall overlap between the habitable areas of the two Dwelling Units shall be not less than 50%.

(11) **Fencing**

Subject to Section 22, no fence shall exceed a Height of 1.2 metres in front of the front face of the Principal Building and 2 metres behind the front face of the Principal Building.

(12) Off Street Parking

Off street parking shall be provided in accordance with the requirements of Parking Bylaw, 1992, No. 2011 (as amended).

(13) **Driveway Width**

The maximum width of a driveway surface on a Two Family Residential lot shall be a total of 5.5 metres. This applies to a double-wide driveway, or the combined width of two (2) single lane driveways serving a Two Family Dwelling.

Appendix C: Proposed Detached Accessory Dwelling Unit Regulatory Framework

ELIGIBILITY for RS-6 zoning

Regulation	Proposed	Rationale
OCP Proposed land use designation	Low density residential only	Already in OCP policy
Where zoned for B&B	Not permitted	Standard practice
Where a secondary suite, DADU.	Not permitted	Standard practice
Where zoned for duplex	May be considered through rezoning in some situations, but not eligible for RS-6 zone automatically.	Standard practice.
Waterfront lots or within 20 m of Gorge or 10 m of Strait	Not eligible	Environmental development permit area.
On bare land strata lots	Not eligible	Servicing issues, strata law.
Parcel size minimum	475 or 530 m ²	475 where there is a corner lot or laneway access. 530 for other lots. 530 is the minimum lot size for RS zoned lots.
Accessory building	Cannot convert	Standard practice
Strata titling	Not permitted	Standard practice
Requirement that either garden suite or principal dwelling be occupied by the owner	No	Same as secondary suites.

Appendix C: Proposed Detached Accessory Dwelling Unit Regulatory Framework SITING

Regulation	Proposed	Rationale
Siting on lot	Rear yard only.	Standard practice
Rear yard setback	1.5 m	As per existing setback
Side yard setbacks	1.5 m	As per existing setbacks.
Exterior side yard setback	3.6 m	Consistent with existing RS-1 requirement.
Combined side yard setback	4.5 m	
Distance from principal dwelling	2.5 m	As per existing distance for accessory buildings from PD
Minimum amount of open space	20 m ²	As per Saanich regulations. Minimum dimension 3 m.
Minimum lot depth	Not required	Setbacks will cover siting

DENSITY AND HEIGHT

Regulation	Proposed	Rationale
Number of stories (stories includes basement)	1	Council minutes Oct 3, 2017
Maximum floor area	65 m ²	Balances site coverage against tree and open space loss while permitting sufficient space to contain an efficiently designed two bedroom suite.
Lot coverage (all buildings)	30%	As per existing RS-1 requirement
Floor area ratio	0.35	As per existing RS-1 requirement
Lot coverage (accessory only)	10%	As per existing RS-1 requirement
Site coverage (rear yard only)	25%	Standard practice
Height (maximum)	3.6 m	Decreases potential for impact to neighbours. Consistent with existing Accessory Building allowable height in RS-1 zone.
Height in relation to Principal Dwelling	The maximum height of a Garden suite should not be at an elevation higher than that of the principal dwelling.	To prevent overlook of garden suites onto the principal dwelling or that of neighbours



Lynn Mitchell 481 South Joffre Street Victoria V9A 6C7

24 October 2019

MAYOR AND COUNCIL Township of Esquimalt 1229 Esquimalt Road Victoria V9A 3PI

Dear Mayor Desjardins and Members of Council:

I am a long-term resident of this community and love it here. I have watched the community grow and become more vibrant and I have great hopes for it's future. I also have extended family who own and rent in Esquimalt and more hoping to move here.

This brings me to the purpose of this letter.

As we know housing is scarce and expensive, out of reach for many. The focus on density is important and necessary. I support it wholeheartedly as long as it's well designed and inclusive of the surrounding neighbourhoods.

I live in a modest home of 960sf on a typical large lot with duplex zoning. Because of the position of the existing structure a duplex would be very difficult. My property is not zoned for an additional suite. With these limitations in mind, I would like to add to my living space (for extended family) in the form of a small two storey cottage in the northeast comer of my lot.

There are multiple reasons for the two storey design (with the second floor actually being in the roofline):

The footprint would be small and save green space;
 Existing mature trees would be protected;

It would not overlook any neighbours;
 It would be distant (enough) from the existing house and,

5. It would allow enough living space to house my family.

I am retired and as I age having family on the property as a community but also with independence is very important to me. I see this as a common trend.

I am on good terms with my neighbours and have spoken to them about this idea and have not had any negative feedback. In fact, most heartily encourage it as it would hardly be seen from the street.

Directly behind me is a three storey apartment building with a parking lot next to my fence. I am definitely overlooked by this building hence the trees I have planted screening.

Further south is a four storey apartment. On my north side is a property in foreclosure and likely to be developed and beside it the huge Large and Co. duplex which sits in the backyard of an existing house on Lyall. I am not sure what rezoning took place there.

My proposed suite is tiny (800sf) and will add beauty to the neighbourhood.

I welcome your support and rezoning approval.

Kindest regards Lynn Mitchell (property owner)



Applicant's Name

Green Building Checklist

Completed checklists form part of the application package reviewed by staff and ultimately, Council. New buildings and developments have impacts that last well beyond the construction period. Reducing the consumption of natural resources and increasing resilience to a changing climate are part of the challenge of building more sustainably. This checklist will help you identify and present how your project will help the Township meet its goals of becoming carbon neutral by 2050.

Site A	Address 101 300 (TOF TOWNS)	HIP
1.0 (Certification Certification	Please check
1.1	Step Code (Please indicate level) □ 1 1 2 □ 3 □ 4 □ 5	
1.2	EnerGuide rating	
1.3	LEED	
1.4	Passive House	*
1.6*	Living building	
1.7	Other (Built Green BC, R-2000, Green Shores etc.)	
2.0 5	Siting	
2.1	New buildings > 10 m ² are located > 20 m from the high water mark (HWM) of the Gorge Waterway.	Required
2.2	New buildings >10 m ² are located at least 10 m from the HWM from the outer coastline.	Required
2.3	 Flood Construction Level has been established using sea level rise projections for the life of the building. 	
2.4	Habitats of threatened and endangered species have been protected from impacts of development.	
2.5	Buildings are located within disturbed or developed areas.	V
3.0 8	Shoreline Protection Measures	
3.1	Landscaping within 10 m of the high water mark consists primarily of native plant and tree species.	Required
3.2	A conservation covenant has been signed to protect sensitive ecosystems within 10 m of the shoreline.	
3.3	At least one native tree capable of (now or in the future) supporting the nest of a Bald Eagle, Osprey etc. has been retained or is planted within 30 m of the high water mark (HWM).	
3.4	Removal of at least 30% of hardened shoreline and replacement with erosion control measures designed to improve the habitat of the shoreline.	
3.5	Light from building and landscaping does not cast over water.	
3.6	Wildlife habitat has been incorporated into seawall design.	

4.0 S	tormwater Absorption and Treatment	Please Check
4.1	An on-site stormwater retention system has been designed to retain at least the first 3 cm of rainfall from each rain event.	
4.2	Stormwater will be treated for pollutants prior to release to the stormdrain system or to a surface water source.	
4.3	The project features a green roof.	
4.4	The total amount of impervious surface is not greater than 20%.	and the later of the later
5.0 V	Vater Conservation	
5.1	The irrigation system has been designed to reduce potable water use by 50% compared to conventional systems.	
5.2	Waterless urinals will be used.	
5.3	Water features use re-circulating water systems.	
5.4	Rainwater will be collected for irrigation purposes.	
5.5	Toilet and kitchen sink drains are separate from other drains to the point of exit.	
5.6	An approved greywater reuse system will be installed.	
6.0 1	rees/Landscaping	
6.1	The project is designed to protect as many native and significant trees as possible.	V
6.2	There will be no net loss of trees.	-//
6.3	Trees will be planted in soil volumes calculated to support the full grown size of the tree.	V
6.4	At least 25% of replacement trees are large canopy trees.	
6.5	Topsoil will be protected from compaction, or stockpiled and reused.	V
6.6	Erosion control measures have been designed and installed to prevent erosion of topsoil.	Z BONT DISCO
7.0 I	Biodiversity	
7.1	New landscaping is predominantly native plant and tree species.	V
7.2	Invasive species will be removed from landscaped areas.	
7.3	At least two biodiversity features have been incorporated into the new or existing landscaping (see section 18.5.3 of the OCP for ideas).	
8.0	Energy Conservation	
8.1	The building is pre-plumbed for solar hot water.	Required
8.2	Install a greywater heat recovery unit.	/
8.3	Passive cooling is supported through flow-through ventilation design, low E windows, solar shades, shade trees etc.	V
8.4	Passive heating is supported via building orientation, window design and thermal mass.	V
8.5	The building will have necessary structural support and conduit for Solar PV.	V
8.6	Obtain minimum of 20% of building energy consumption through community based or on-site renewables, such as district energy, waste heat recovery, geothermal, solar PV, solar hot water.	
	Heating uses a low carbon heating source, such as air source heat pump.	

9.0 Tı	ansportation	Please Check
9.1	Building will have a car share or bus pass program for residents.	
9.2	Enhanced facilities for bicyclists such as showers, lockers, storage etc.	
9.3	Charging infrastructure for E-bikes will be provided.	
9.4	EV charging conduit supplied to 100% of residential parking units.	V
9.5	30% of residential parking spaces include an electrical outlet or EV charging equipment.	
9.6	Adequate space in the electrical system to provide EV charging for 100% of parking stalls.	
9.7	For commercial buildings, Level 2 or Level 3 EV charging provided for employees and/or visitors.	
10.0	Materials/Waste	
10.1	Employs at least 3 advanced framing techniques described in the CHBA builder's manual to reduce unnecessary lumber and sheathing.	
10.2	Uses at least two materials which are certified for recycled content.	
10.3	Uses engineered structural material for two major applications (>10% of floor area).	V
10.4	5 major building elements made from >50% recycled content.	
10.5	Use foundation, floor and >50% of walls from existing building.	
10.6	Deconstruct at least 50% of existing building for material salvage.	/
10.7	Use at least five major materials or systems produced in BC.	V
10.8	Use certified sustainably harvested wood for one major structural or finishing application (eg framing, plywood, floors)	/
10.9	Eliminate use of wood from threatened trees.	V
10.10	Recycling area provided within residential suites.	
10.11	Recycling collection area for multi-family buildings.	
10.12	Pickup of compostables provided in multi-family units.	
10.13	Construction waste management practices used to reduce and separate waste and divert at least 50% from the landfill.	V

Please include a brief description of how this project contributes to a reduction in greenhouse gas emissions and moves the municipality closer to its ultimate target of becoming carbon neutral by 2050 (use another page if needed).

481 Joffre St. South, Esquimalt, BC Arborist Report & Tree Protection Plan January 2020

Prepared for: Ms. Lynn Mitchell 481 Joffre St. South Esquimalt, BC V9A 6C7



Prepared by:

Charles Noseworthy, Regional Inventory Arborist ISA Certified Arborist #PN-8020A, ISA Tree Risk Assessment Qualified

Provided by:

Trent Skaar, Arborist Representative
ISA Certified Arborist #PN-5533A, ISA Tree Risk Assessment Qualified



Bartlett Tree Experts 4370 Interurban Road Victoria, B.C. V9E 2C4 250 479 3873 www.bartlett.com

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Arborist Report and Tree Protection Plan

Site Address:

481 Joffre St. South, Esquimalt, BC V9A 6C7

Inspection Date:

January 20th 2020

Project Arborist:

Charles Noseworthy (ISA Cert Arb #PN-8020A, Certified

Tree Risk Assessor)

Inspection Brief:

Carry out an inspection of the trees on the property. Report on the condition of the trees, their suitability for retention and the measures required to protect any retained trees

during the proposed construction activity.

Background:

The property contains a single residential home, with an extended rear yard and shed located on a concrete pad to the northeast of the house. The owner intends to remove the shed and install a carriage house in the backyard along the north side of the property.

Supporting Documents: The following documents were supplied by Adapt Design to aid in the inspection of the trees and the production of this report:

1. *Site plan.* Survey plan of property with proposed layout and existing trees. Received February 3rd 2020

Tree #	Species	Diameter cm	Height m	Crown Radius m	Condition	Comments	Recommendations	Protection Distance m
1	Hawthorne (Crataegus oxyacantha)	23	8	3	G	Outside of construction zone.	Protect and retain.	1.4
2	Magnolia (Magnolia spp.)	14	8	2	G	Outside of construction zone.	Protect and retain.	0.9
3	Paper birch (Betula papyrifera)	17	8	2	G	Outside of construction zone.	Protect and retain.	1.0
4	Dogwood (Cornus spp.)	13	5	2	G	Outside of construction zone.	Protect and retain.	0.8
5	Blue spruce (Picea pungens)	33	18	2	G	Large surface structural root. Close to area of excavation.	Protect and retain.	2.0
6	Weeping Katsura (Cercidiphyllum japonicum 'pendulum')	12	3	3	G	Inside footprint of building.	Remove or transplant.	.75
7	Japanese maple (Acer palmatum)	8,5,5	7	2	G	Outside of construction zone.	Protect and retain.	0.5
8	Western red-cedar (Thuja plicata)	30,25,20	9	5	F	Previously topped, former hedge. Close to area of excavation.	Protect and retain.	1.8
9	Northern catalpa (Catalpa speciosa)	14	5	3	G	Close to area of excavation.	Protect and retain.	0.9
10	Lilac (Syringa spp.)	8,6,4	4	2	G	Close to area of excavation.	Protect and retain.	0.5
11	Red maple (Acer rubrum)	58	16	7	F	Root zone within footprint of house.	Remove/retain pending a decision by the project arborist.	3.5

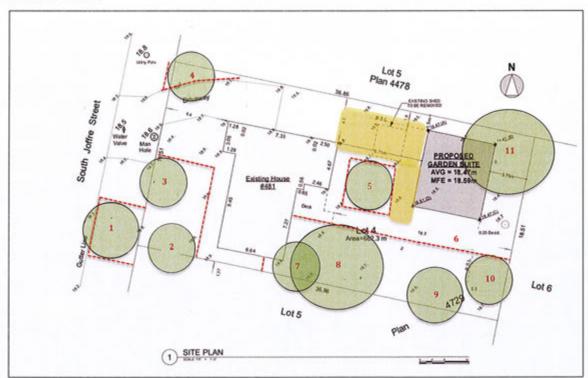
Notes:

- -Some measurements were estimated due to constraints such as access or visibility
- -Diameter was measured at 1.4 metres above ground level. Multi-stem trees had all stems measured.
 -Tree protection distances given as radius from the main trunk
 -Condition: G=Good; F=Fair; P=Poor; D=Dead

Method Statement for Tree Protection and Management:

- Tree #1-4 and #7-10 are to be surrounded by tree protection fencing, to create a protected root zone, (following the guidelines of the Township of Esquimalt) with the fences being positioned according to the site plan in Appendix A.
- Tree #5 requires tree protection fencing to be installed to create a protected root zone, (following the guidelines of the Township of Esquimalt) with the fences being positioned according to the site plan in Appendix A. In addition, the area of exposed surface roots of this tree must be covered in a 20cm layer of bark mulch with a layer of ¾ inch plywood, to protect the soil from compaction by heavy equipment, following the positioning in Appendix A.
- Tree #6 is to be removed or transplanted to another location on the property pending a decision by the property owner.
- Tree #11 is to be removed unless the project arborist deems that there was minimal impact to the root zone during the excavation process to install the foundation of the carriage home. If the location of the carriage home can be moved outside of the dripline then there is a greater likelihood the tree can be retained. It shall be the prerogative of the project arborist to determine if the tree should be retained or removed based on the observed damage to the roots during the construction process.
- Tree protection must be installed before construction commences and must remain in place until all activity has been completed. Tree protection fences must not be breached or moved without consulting the Project Arborist.
 Materials, equipment etc. must not be stored within the tree protection zones.
- If construction activity is required within a tree protection zone, it must first be discussed with the Project Arborist. Any such construction activity must be carried out by hand to avoid damage to the roots and/or compaction of the soil. An airspade should be used to expose roots before excavation takes place.
- Depending on the weather during the construction period, irrigation may be required. Entire root zones should be watered heavily and infrequently (once every 7 days). Any exposed roots must be covered with burlap and kept moist.
- Deep root fertilization of retained trees may be required after construction for 1-2 years depending on impact to root zone from construction.
- Compaction of soil in the root zones should be alleviated with an airspade as soon as practically possible.
- Tree replacements may be required by the Township of Esquimalt as a condition of tree removal permits.
- While the assessor is a qualified tree risk assessor this report is not to be considered a risk assessment.
- Please note it is the responsibility of the property owner to ensure that the Project Arborist is on site during any work in proximity to trees and to sign off on the tree protection fencing.

Appendix A: Site Plans



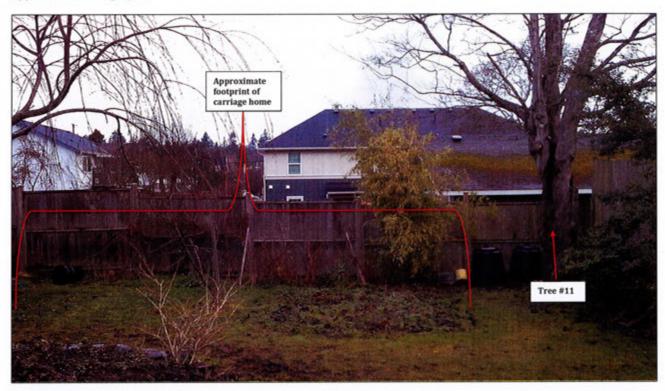
Survey of the entire property showing trees at the front and rear.

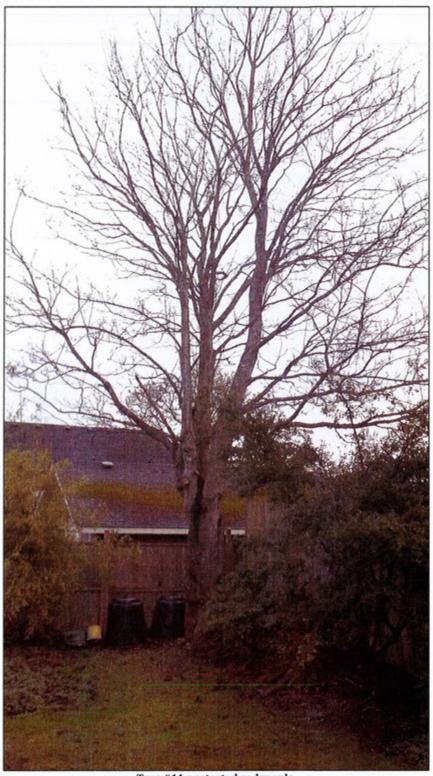
Tree to be retained approximate dripline.

Protective fencing approximate position.

Plywood and mulch application to protect root zone.

Appendix B: Photographs





Tree #11 protected red maple.



Tree #5 protected blue spruce.



Root zone and exposed surface root of spruce is to be covered in mulch and plywood.



Katsura to be removed or transplanted.

Appendix C: Tree Protection Recommendations TRUNK DIAMETER X (cm) MINIMUM PROTECTION REQUIRED AROUND TREE-DISTANCE FROM TRUNK Y (m) 1.2 m 20 cm 25 cm 1.5 m 30 cm 1.8 m - PROTECTION BARRIER 35 cm 2.1 m 40 cm 2.4 m 45 cm 2.7 m EXISTING TREE CENTRED WITHIN TREE PROTECTION 50 cm 3.0 m 3.3 m 55 cm DISTANCE FROM TREE TRUNK= MIN. PROTECTION REQUIRED AROUND TREE 60 cm 3.6 m 75 cm 4.5 m 90 cm 5.0 m 100 cm 6.0 m 600mm FROM CURBS TYP. JOOMIN FROM PAYING TYP. 900 X 450mm WEATHERPROOF SIGN, TO CNW STANDARD, SEE SPEC. PLASTIC MESH SECURED TO WOOD FRAME - 50 X 100mm WOOD POSTS W/ BRACING OR STEEL T-BAR POSTS STAKED 450mm DEEP INTO FINISHED GRADE POSTS TO BE SPACED MAX. 2000min APART, USE ADDITIONAL POSTS AS REQUIRED TO PROTECT TREES, Tree Protection Fencing

Site Plan Of: 4. Section 11. <u>Esquimalt District, Plan 4729.</u>



Scale = 1:250

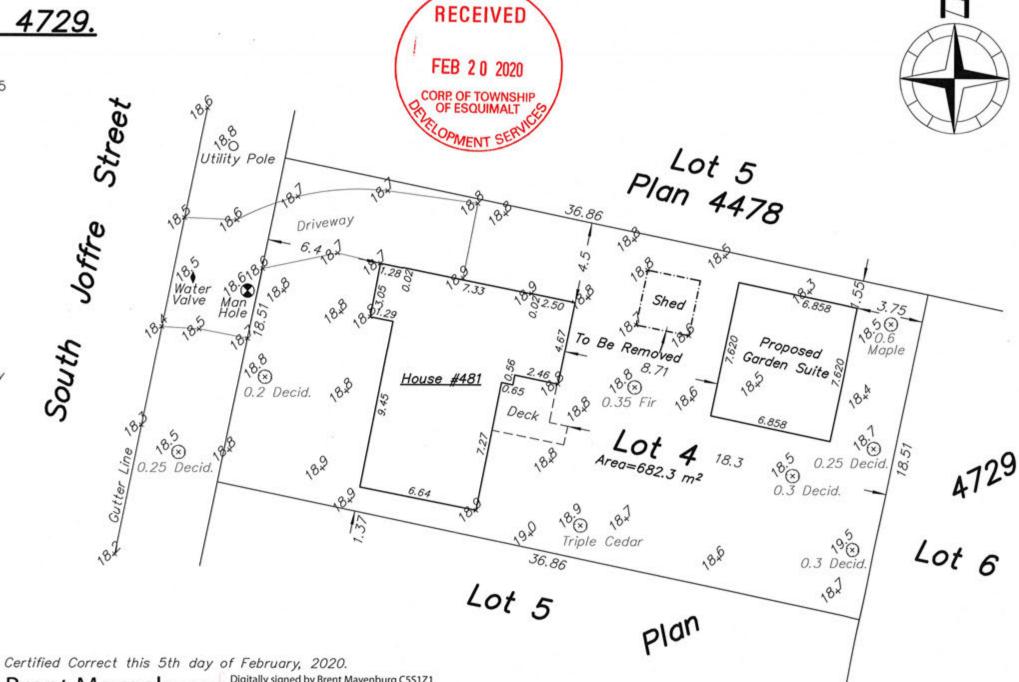
Dated this 5th day of February, 2020.

Distances and elevations shown are in metres.

Elevations are based on geodetic datum CVD28BC and derived from OCM 84H0168.

This site plan is for building and design purposes and is for the exclusive use of our client.

This document shows the relative location of the surveyed structures and features with respect to the boundaries of the parcel described above. This document shall not be used to define property lines or property corners.



Wey Mayenburg Land Surveying Inc.

www.weysurveys.com

#4-2227 James White Boulevard Sidney, BC V8L 1Z5 Telephone (250) 656-5155 File: 190213\SIT\GH

Brent Mayenburg C5S1Z1

Digitally signed by Brent Mayenburg C5S1Z1 DN: c=CA, cn=Brent Mayenburg C5S1Z1, o=BC Land Surveyor, ou=Verify ID at www.juricert.com/LKUP.cfm?id=C5S1Z1 Date: 2020.02.07 09:18:55 -08'00'

B.C.L.S.

(Not valid unless originally signed & sealed)

GENERAL NOTES

OF THE BRITISH COLUMBIA BUILDING CODE (BCBC), GOOD CONSTRUCTION PRACTICE, AS WELLAS ANY OTHER LOCAL BUILDING CODES OR BYLAWS WHICH MAY TAKE PRECEDENCE

ALL MEASUREMENTS TO BE VERIFIED ON SITE BY BUILDER PRIOR TO CONSTRUCTION.

COMMENCEMENT OF CONSTRUCTION OR MAY PART THEREOF CONSTITUTES ACCEPTANCE
OF THE DRAWINGSISTE CONDITIONS AND MEANS DIMENSIONS & ELEVATIONS HAVE BEEN
VERIFIED & ARE ACCEPTABLE

IF ANY DISCREPANCIES ARISE, THEY SHOULD BE REPORTED TO THE DESIGNER.

DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE

FRAMING LUMBER SHALL BE GRADED #2 OR BETTER UNLESS OTHERWISE SPECIFIED

ALL INTERIOR FINISHES, CASINGS, WINDOW TYPES AND MILLWORK TO OWNERS APPROVAL

STAIR TREADS TO BE PLYWOOD OR OTHER ENGINEERED PRODUCT AND SECURED WITH

TEMPORARY HEAT REQUIRED PRIOR TO DRYWALL INSTALLATION TO ASSIST IN DRYING OF

FRAMEWORK, MOISTURE CONTENT OF FRAMEWORK MUST NOT EXCEED 19%

SITE PLAN LAYOUT TO BE CONFIRMED BY A CURRENTLY REGISTERED BRITISH COLUMBIA LEGAL LAND SURVEYOR

ALL SET BACKS TO BE CONFIRMED BY THE OWNER AND BUILDER

ALL GRADE ELEVATIONS ARE THE RESPONSIBILITY OF THE OWNER AND BUILDER

VERIFY EXISTING AND PROPOSED GRADES PRIOR TO CONSTRUCTION

THE BUILDER IS RESPONSIBLE FOR LOCATING THE FOOT PRINT OF THE STRUCTURE IN THE PROPER PLACE AS PER PLANS

CONCRETE FOUNDATION WALLS NOT SUBJECT TO SURCHARGE SHALL BE INSTALLED ON COMPACTED, UNDSTURBED, INORGANIC STABLE SOILS BELOW THE DIPTH OF FROST PENETRATION WITH AM ALLOWABLE BEARING PRESSURE OF 75 MPs OR GREATER, IF SOFTER CONCITIONS APPLY, THE BEARING CAPACITY AND SIZE OF FOOTINGS ARE TO BE DESIGNED BY A QUALIFIED ENGINEER

THE SILL PLATE IS TO BE FASTENED TO THE FOUNDATION WALL WITH NOT LESS THAN 12.7mm @ ANCHOR BOLTS SPACED NOT MORE THAN 2.4m O.C. OR FOR BRACED WALL PANELS 2 15mm @ ANCHOR BOLTS PER BRACED WALL PANEL 50mm FROM THE ENDS OF THE FOUNDATION AND SPACED 1.7m O.C. EMBEDDED 100mm DEEP

ALL LUMBER IN CONTACT WITH CONCRETE SHALL BE TREATED OR PROTECTED BY A MOISTURE RESISTANT GASKET

IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO HAVE SITE SOIL CONDITIONS INSPECTED AND ADVISE THE DESIGNER OF ANY SOIL CONDITIONS WHICH MAY REQUIRE ENGINEERING.

ALL FOUNDATION WALLS ARE 200mm THICK 20MPa CONCRETE UNLESS OTHERWISE

FOUNDATION WALLS MAY BE A MAXIMUM OF 4" HIGH FROM GRADE TO LINDERSIDE OF FLORE IF LATERALLY UNSUPPORTED AT TOP, ALL OTHER CONCRETE FOUNDATION WALLS TO BE ENGINEERED.

FRAMING
ALL ENGINEERED COMPONENTS TO BE SIZED BY SUPPLIER

ALL SPANS AND LOADINGS SHALL CONFORM TO THE CURRENT VERSION OF THE BCBC, VERBICATION OF ALL COMPONENTS IS THE RESPONSIBILITY OF THE OWNERBUILDER. ANY COMPONENTS WHICH CANNOT BE DESIGNED WITH THE BCBC SHALL BE DESIGNED BY A QUALIFIED ENGINEER.

TRUSSES AND LAYOUT ARE TO BE ENGINEERED AND INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS

IT IS ASSUMED THAT THE CONTRACTOR IS FAMILIAR WITH THE 2018 BCBC AND INDUSTRY STANDARDS FOR WOOD FRAME CONSTRUCTION, NOT EVERY DETAIL OF WOOD FRAMING IS SHOWN ON THESE DRAWINGS

ALL LINTELS DOUBLE 2X10 S.S. SPF FOR CLEAR SPANS UP TO 5' UNLESS OTHERWISE

EXTERIOR WALL THICKNESS SHOWN ARE MEASURED FROM OUTSIDE OF EXTERIOR SHEATHING TO INSIDE OF DRYWALL

INTERIOR WALL THICKNESS SHOWN ARE MEASURED FROM OUTSIDE OF DRYWALL TO

CONFIRM ALL WANTY'S, BATHTUBS, SHOWERS AND KITCHEN CUPBDARDS WITH OWNER PRIOR TO FRAMING AS THESE MAY REQUIRE MODIFICATIONS TO THE ROOM SIZES

9' CEILINGS:

10' CEILINGS:

ROOFING SHALL BE APPLIED TO THE MANUFACTURERS SPECIFICATIONS AND SHALL INCLUDE EAVE PROTECTION FROM ICE DAMMING AND SNOW BUILD UP

FLASHING ALL PENETRATIONS THROUGH THE ROOF WILL REQUIRE FLASHING.

ALL EXPOSED OPENINGS TO INCLUDE FLASHING ALL FLASHING END DAMS TO BE 25mm (1") HIGH

PRAME OPENING TO BE 1 1/4" WIDER THAN DOOR

FRAME OPENING 1'V.' WIDER THAN BIFOLD DOORS AND FRAME HEIGHT IS #1.5" ALL INTERIOR DOORS TO BE 80" TALL U.N.O. PROVIDE MIN. 2-STUDS AT EACH SIDE OF JAMB

ILL WINDOWS, DOORS & SKYLIGHTS TO CONFORM TO NAFS-58 AND THE CANADIAN SUPPLEMENT TO NAFS

FENESTRATION PERFORMANCE REQUIREMENTS:
CLASS R - PG 30 + +VEI-VE DP = 1440Pa+1440Pa - WATER PENETRATION RESISTANCE = 260Pa CANADIAN AIR INFILTRATION/EXPILTRATION = A2

WINDOW/DOOR LABELS TO BE LEFT IN PLACE UNTIL FINAL INSPECTION

SUPPLY AND INSTALL ALL WINDOW TYPES, INTERIOR CASINGS AND MILLWORK TO OWNERS

ALL WINDOWS ADJACENT TO BATH TUBS TO BE SAFETY GLASS

OUANGUSTIONEURAS.2 INSTALL GRASPABLE HANDRAIL TO ALL INTERIOR STAIRS AT 34" TO 38" ABOVE STAIR NOSING

INSTALL GUARDS AT ALL BALCONIES, DECKS AND PORCHES GREATER THAN 2' ABOVE GRADE. INSTALL GUARD AT 42" HEIGHT WHERE SURFACE IS GREATER THAN 6' ABOVE ADJACENT SURFACE, OTHERWISE 36° GUARDRAIL ALLOWABLE

TOPLESS GLASS GUARDS TO BE ENGINEERED WITH SEALED DRAWIN

VENTILATION
PROVIDE ATTIC AND CRAWLSPACE ACCESS AND VENTILATION IN ACCORDANCE WITH BCBC

ANICAL CONTRACTOR TO PROVIDE MECHANICAL CHECKLIST COMPLETE WITH FAN & DUCT SIZES PRIOR TO FRAMING INSPECTION

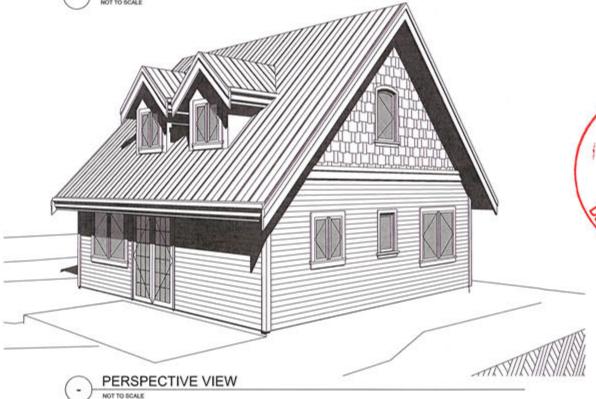
HARDWIRED AND WITHIN 5th OF EACH BEDROOM IN EVERY SUITE AND INTERCONNECTED TO ALL FLOORS. SMOKE ALARMS TO ALSO BE PROVIDED IN EVERY BEDROOM, ALL SMOKE ALARM LOCATIONS WILL HAVE BOTH PHOTOELECTRIC AND IONIC DETECTION SYSTEMS

BEDROOM WINDOWS FOR EGRESS SHALL HAVE OPENINGS WITH AREAS NOT LESS THAN 3,85° WITH NO DIMENSION LESS THAN 15°

IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER TO CHECK AND VERIFY ALL ASPECTS OF THESE PLANS PRIOR TO START OF CONSTRUCTION OR DEMOLITION, ADAPT DESIGN DOES NOT ACCEPT RESPONSIBILITY FOR THE FOLLOWING:

ANY HOUSE BUILT FROM THESE PLANS

THESE PLANS REMAIN THE PROPERTY OF ADAPT DESIGN AND CAN BE RECLAIMED AT ANY TIME



COVER SHEET & GENERAL INFO A-001 COVER SHEET A-002 SITE PLAN A-003 LANDSCAPE PLAN

> A-101 PR. FLOOR PLANS A-102 EX. FLOOR PLANS

A-201 ELEVATIONS

A-301 CROSS SECTION

PLANS

ELEVATIONS

SECTIONS

PERSPECTIVE VIEW

500 Shomdiffe Road Victoria BC Ceneda 50,893,8127

481 SOUTH JOFFRE ST **GARDEN SUITE**

RECEIVED

FEB 07 2020

OF ESQUIMALT

Issued

ISSUED FOR REZONE

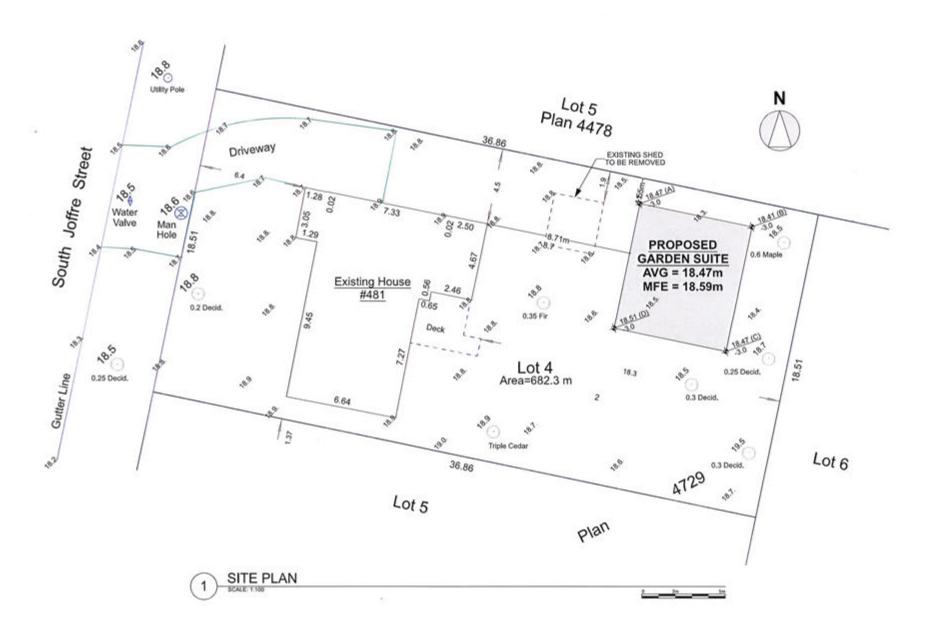
COVER SHEET

A-001

PROJECT: REZONE TO CREATE NEW GARDEN SUITE

GRADE POINTS A = 18.47m B = 18.41m C = 18.47m D = 18.51m

73.86m/4 = 18.47m



Property Information

Project Type: NEW GARDEN SUITE

Site Address: Site Plan of Lot 4, Section 11,

Esquimalt District, Plan 4729.

Zoning: Site Specific

Setbacks:

Proposed Garden Suite: Rear

3.75m 1.5m Side Height Ex. House 5.2m 8.71m

Existing House: Rear 18.3m Side 4.5m Front 6.4m

Floor Area:

Proposed Garden Suite: Main Floor 512 SF (47.59 SM) (25.28 SM) (72.87 SM) Second Floor Total

Existing House: Main Floor 963 SF (89.48 SM) 936 SF (86.96 SM) Second Floor

Lot Coverage:

7.344 SF (682.30 SM) Lot Area: Comb. Bld. Footprint 1.475 SF (137.07 SM) Lot Coverage: Rear Yard Open Site Space

20.1% 86.4%

481 SOUTH

JOFFRE ST

GARDEN SUITE

Applicable Codes

-BC Building Code Current Edition (2018)

Energy

Compliance path: Step Code Requirements applicable to this project: Level 2

Ventilation

BCBC 9.32

RECEIVED FEB 07 2020 CORP. OF TOWNSHIP

ISSUED FOR REZONE

SITE PLAN

LANDSCAPE LEGEND

SYMBOL

DESCRIPTION

ASPHALT

PERMEABLE PAVERS

.....

GRAVEL HERBACEOUS BORDERS

PLANTING AREA TO CONSIST OF:

Trees/tall shrubs Azara Microphylla - Azara Pittosporum Tenuifolium - Kohuhu

Medium height shrubs Holodiscus discolor - Ocean spray Ribes sanguineum - Red currant

Philadelphus lewisii - Mock orange Mahonia aquifolium - Tall oregon grape

Groundcover Polystichum munitum - Sword ferns Arctostaphylos uva ursi - Kinnikinnick Vaccinium ovatum - Evergreen huckdeberry

TREE LEGEND

EXISTING TREE RETAINED OR PROPOSED NEW TREE

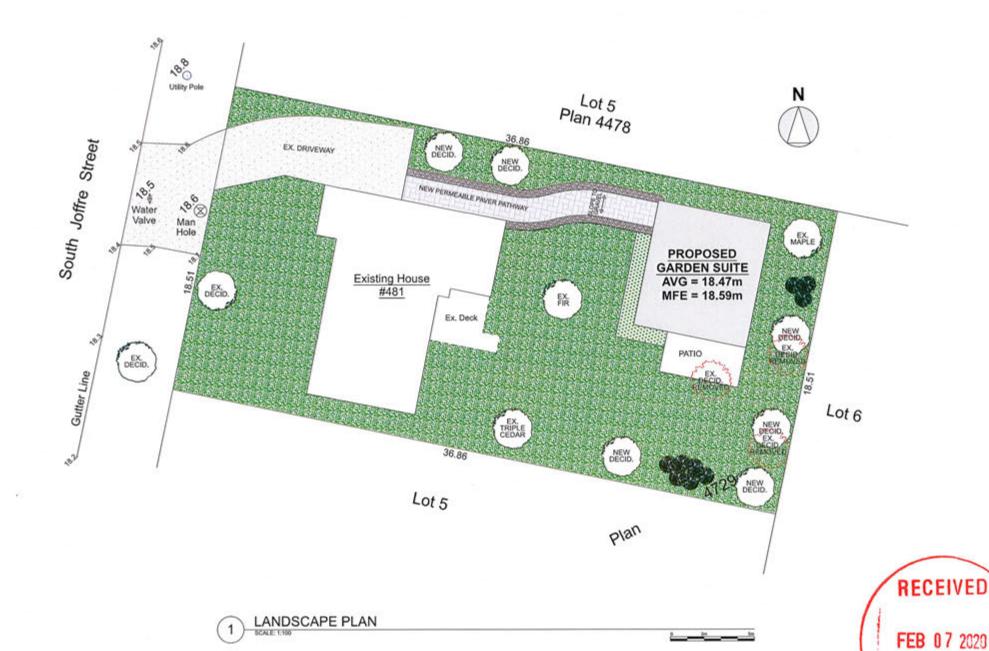


EXISTING TREE REMOVED



SHRUBS

SEE ARBORIST REPORT FOR FURTHER INFORMATION INCLUDING TREE PROTECTION FENCING

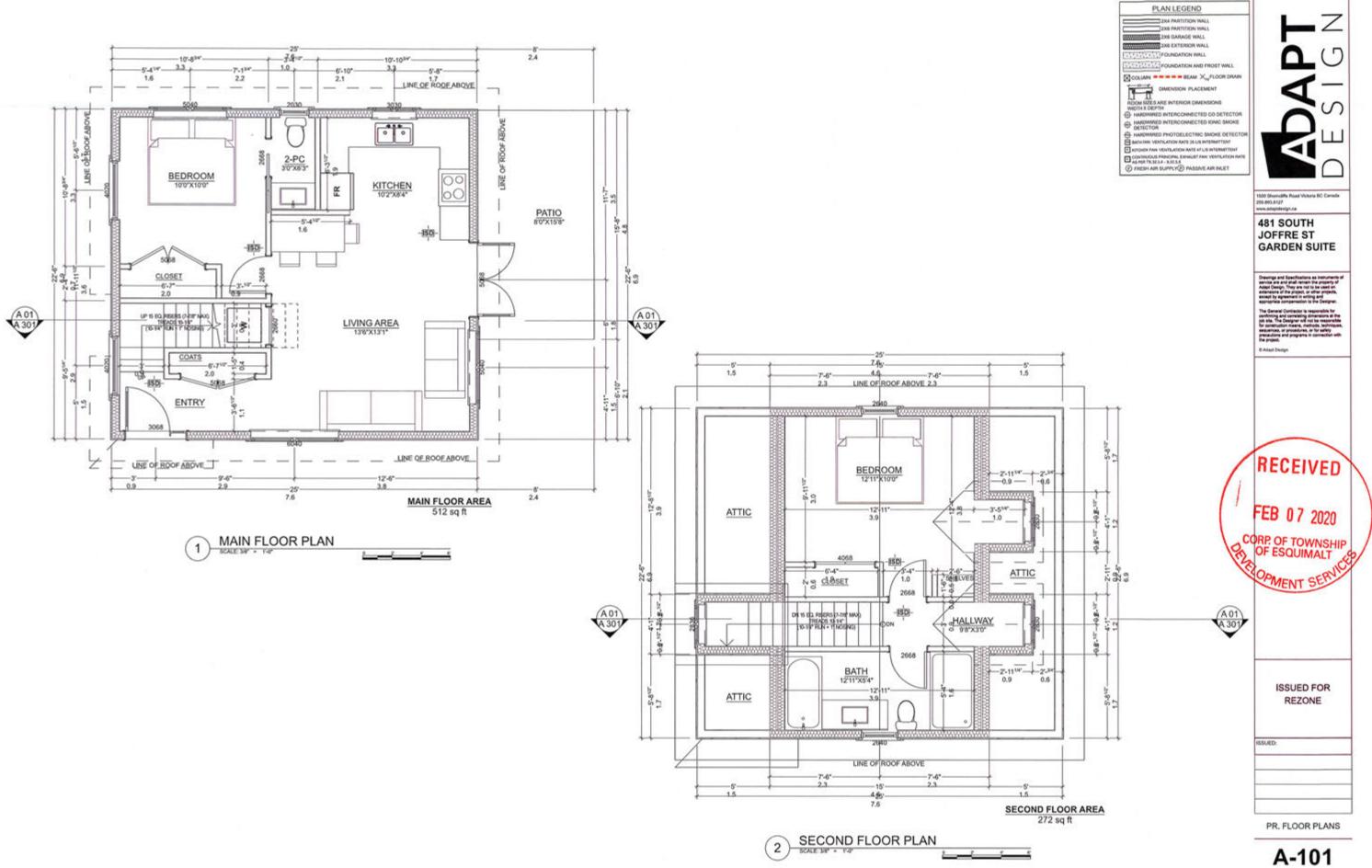


481 SOUTH JOFFRE ST GARDEN SUITE

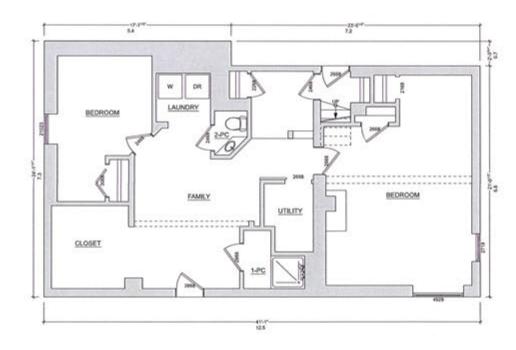
ISSUED FOR REZONE

OF ESQUIMALT

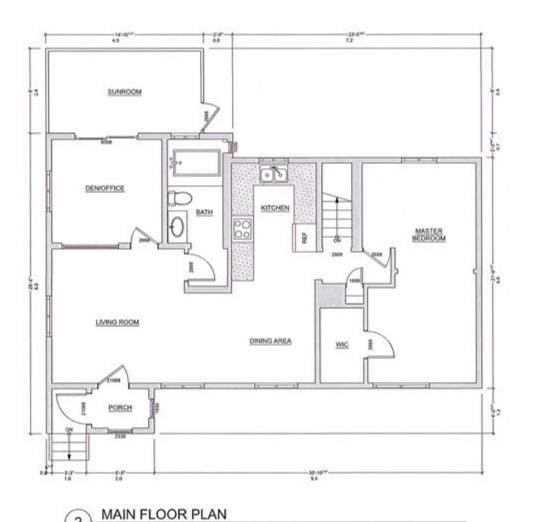
LANDSCAPE PLAN



Privat 2020-00-0



LOWER FLOOR PLAN



ADAPT DESIGN

1500 Shomoliffe Road Victoria BC Caradia 250,863,8127

481 SOUTH JOFFRE ST GARDEN SUITE

> provings and Specifications as instruments of service are and shall remain the property of utagst Design. They are not to be used on intersions of the project, or other projects, usual, by agreement in writing and

The General Contractor is responsible for confirming and comitating dimensions at job site. The Designer will not be responsible committed on means, methods, technique sequences, or procedures, or for selfely precautions and programs in connection with the context.

CAN

FEB 07 2020
CORP. OF TOWNSHIP OF ESQUIMALT SERVICES

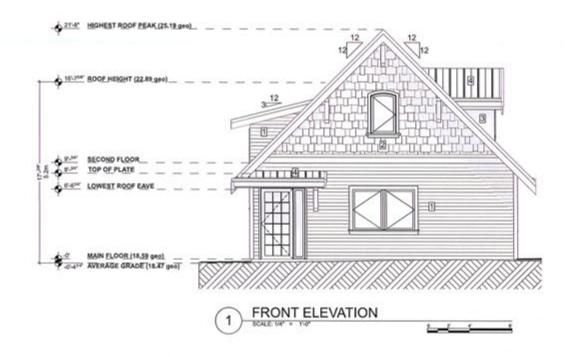
ISSUED FOR REZONE

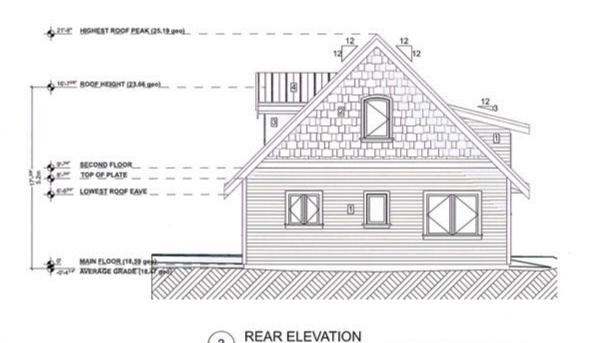
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EX. FLOOR PLANS

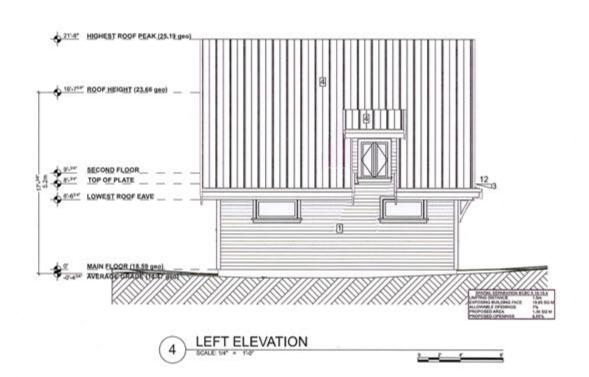
A-102

Printed 2009-03









EXTERIOR CLADDING LEGEND

- CEMENT BOARD LAP SIDING
- HARDESHINGLE PAINTED
- STUCCO ACRYLIC FINISH
- STANDING SEAM METAL ROOFING

ADDITIONAL EXTERIOR FINISHINGS

GUTTERS STORTSHOUSEAU MEDING PROTEIN CONTROL AUGUSTA MARKEN DOMANDOUS SOUTH MARKEN STORTS AUGUSTA MARKEN STORTS AUGUSTA MARKEN STORTS AUGUSTA STORTS AUGUSTA STORTS AUGUSTA STORTS AUG

NOTE: BROOM OF THAT IS NOT, BE AS FOR CHARGE DIRECTION AND COMPANY TO A CONTRACT TO A TO A CREAT AND A CR



1500 Shomolifle Road Victoria BC Canada 250.893,8127 www.adaptdesign.ca

481 SOUTH JOFFRE ST GARDEN SUITE

Drawings and Specifications as instruments service are and shall remain the property of Adapt Design. They are not to be used on extensions of the project, or other projects, socially by agreement in writing and

The General Contractor is responsible for confirming and contrating dimensions at the job site. The Designer will not be responsible for construction means, methods, technique sequences, or procedures, or for safety presautions and progress in connection will present our and progress in connection will applications.

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CORP. OF TOWNSHIP OF ESQUIMALT SERVICES

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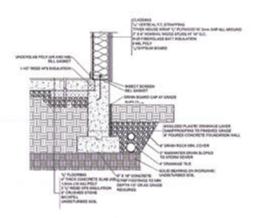
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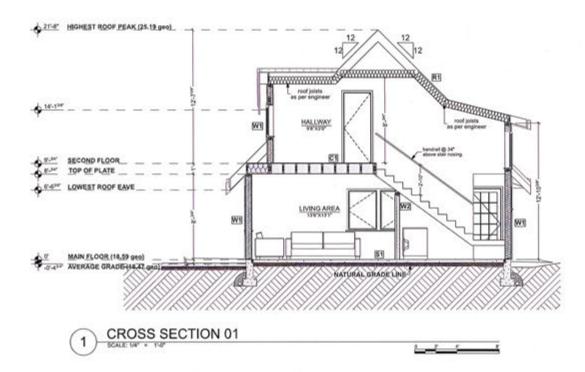
ELEVATIONS

A-201

None 2000-00-0



SLAB ON GRADE



BCBC 9.36 PRESCRIPTIVE PATH CLIMATE ZONE 4

ASSEMBLY DESCRIPTION	-
EFF, RSI	Carren
TRUSS CEILING	6.91 RSI
CATHEDRAL CEILING & FLAT ROOF	4.67 RSI
EXTERIOR WALLS	2.78 RSI
FLOORS OVER GARAGE/UNHEATED S	PACE 4.51 RSI
WALL @ GARAGE	2.62 RSI
HEATED CONCRETE SLABS	2.32 RSI
CONCRETE SLABS	1.96 RSI
FOUNDATION WALL BELOW GRADE	1.99 RSI

EXTERIOR WALL EFF	ECTIVE THERMAL RESISTANCE
INTERIOR AIR FILM	0.12 RSI
GYPSUM BOARD	0.08 RSI
2XS STUD	1.19 RSI
74" OSB SHEATHING	0.11 RSI
AIR SPACE	0.15 RSI
WOOD SIDING	0.18 RSI
OUTSIDE AIR FILM	0.03 RSI
TOTAL EFF. R VALUE =	1.86 RSI @ 23% WALL AREA
INTERIOR AIR FILM	0.12 RSI
GYPSUM BOARD	0.06 RSI
R20 INSULATION	3.52 RSI
"Vy" OSB SHEATHING	0.11 RSI
AIR SPACE	0.15 RSI
WOOD SIDING	0.18 RSI
OUTSIDE AIR FILM	0.03 RSI
TOTAL EFF. R VALUE =	4.19 RSI @ 77% WALL AREA

EFFECTIVE THERMAL RESISTANCE = 1,27 RSI
REQUIRED EFECTIVE THERMAL RESISTANCE = 2.79 RS

WALL @ GARAGE EFFECTIVE THERMAL RESISTANCE INTERIOR ARE FILM 0.17 RS1 GYPTUM BOARD 0.08 RS1 POLYETHYLENE NE. 2295 STLID 1.59 RS1 GYPTUM BOARD 0.08 RS1 INTERIOR ARE FILM 1.59 RS1 @ 2376 WALL AREA TOTAL EFF. R VALUE * 1.59 RS1 @ 2376 WALL AREA | NTERIOR AIR FILM | 0.12 RSI | GYPSUM BOARD | 0.08 RSI | POLYETHYLENE | NKL | RSI | GYPSUM BOARD | 0.09 RSI | GYPSUM BOARD | 0.09 RSI | O.09 R EFFECTIVE THERMAL RESISTANCE = 2.83 RSF REQUIRED EFECTIVE THERMAL RESISTANCE = 2.62

EXTERIOR WALL EFFECTIVE THERMAL RESISTANCE

VALLTED CEILING EFFECTIVE THERMAL 6.11 RSB 0.08 RSB 2.0 RSB 0.03 RSB 2.22 RSB @ 13% CEILING GYPSUM BOARD 2X10 RAFTERS EXTERIOR AIR FILM TOTAL EFF. R VALUE = INTERIOR AIR FILM GYPSUM BOARD R20 BATT INSULATION R12 BATT INSULATION OUTSIDE AIR FILM 0.03 RSI TOTAL EFF. R VALUE = 5.85 RSI @ 87% CEILING EFF, THERMAL RESISTANCE = 4.82 RSI REQUIRED EFF, THERMAL RESISTANCE = 4.67 RSI

BASEMENT SLAB ABOVE FROST LINE EFFECTIVE

THERMAL RESISTANCE

EFF, THERMAL INSULATION = 2.35 RSI (R13.3) REQUIRED EFF, THERMAL INSULATION = 1.96 RSI

BASEMENT HEATED FLOOR EFFECTIVE THERMA RESISTANCE

EFF. THERMAL RESISTANCE = 2.35 RSI REQUIRED EFF. THERMAL RESISTANCE = 2.32 RSI

0.16 RSI 0.64 RSI

2.15 RSI

2.15 RSI

INTERIOR AIR FILM (FLOOR) CONCRETE SLAB

RADIANT IN FLOOR HEATING 2-10" XPS

INTERIOR AIR FILM (FLOOR)

RADIANT IN FLOOR HEATING

(R13.2)

2-1/2" XPS

INTERIOR AIR FILM 0.11 RSI GYPSUM BOARD 3-1/2" BLOWN INSULATION OUTSIDE AIR FILM TOTAL EFF. R VALUE @ 89% = EFFECTIVE THERMAL INSULATION @ CAVITY = 1.71 12" BLOWN FG ABOVE FRAMING = 5.63 RSI TOTAL EFF. THERMAL RESISTANCE = 7.34 RSI REQUIRED EFF, THERMAL RESISTANCE + 6.91 RSI

INTERIOR AIR FILM GYPSUM BOARD 3-1/2" BOTTOM CHORD OUTSIDE AIR FILM

TOTAL EFF. R VALUE @ 11% =

TRUSS ROOF EFFECTIVE THERMAL RESISTANCE

50% REQUIRED HEATED CONCRETE SLAB 2.36 RSI X 50% = 1.16 RSI REQUIRED

EFF, THERMAL INSULATION = 1.32 RSI REQUIRED EFF, THERMAL INSULATION = 1.18 RSI

INTERIOR AIR FILM (FLOOR)

R12 FOIL BACK INSULATION 8" THICK CONCRETE WALL

EFF, THERMAL RESISTANCE = 2.31 RSI

CRAWLSPACE FOUNDATION WALLS EFFECTIVE

INSULATION

REQUIRED EFF. THERMAL RESISTANCE - 1,99 RSI

0.08 RSI 1.67 RSI THERMAL BREAK BETWEEN SLAB AND FOUNDATION WALL EFFECTIVE INSULATION

0.16 RSI

0.04 RSI 2.11 RSI

0.98 RSI

EFF, THERMAL RESISTANCE = 4.75 RSI REQUIRED EFF, THERMAL RESISTANCE = 4.67 RSI 200mm CONCRETE Vy*AIR SPACE 204 @ 24* OC FRAMING (13%) R12 FG BATTS (87%) V₂* GYPSUM BOARD INTERIOR AIR FILM ACTUAL EFF. THERMAL INSULATION = 2.22 RSI REQUIRED EFF, THERMAL INSULATION MIN. = 1.59 FOUNDATION WALL BELOW GRADE
EXTERIOR INSULATION
200mm CONCRETE 0.08 RSI
2-107 XPS CONTINUOUS INSULATION 2.15 RSI
INTERIOR AIR FILM 0.12 RSI ACTUAL EFF, THERMAL RESISTANCE = 2.35 RSI REQUIRED EFF, THERMAL RESISTANCE MIN. = 1.59 RSI

FLOOR OVER UNHEATED SPACE EFFECTIVE THERM INTERIOR AIR FE M WOOD FLOORING SUB FLOOR R28 INSULATION %, SHEATHING 2X10 JOISTS EXTERIOR AIR FILM WOOD SOFFIT TOTAL EFF. R VALUE * INTERIOR AIR FILM

GYPSUM BOARD INTERIOR AIR FILM TOTAL EFF. R VALUE = INTERIOR AIR FILM WOOD FLOORING SUB FLOOR JOISTS CYPSUM BOARD INTERIOR AIR FILM TOTAL EFF. R VALUE + TOTAL EFF. R VALUE . S.47 RSI @ 87% FLOOR AREA EFF, THERMAL RESISTANCE = 4,77 RSI REQUIRED EFF, THERMAL RESISTANCE = 4,51 RSI

0.16 RSI 0.12 RSI 0.16 RSI 4.93 RSI 0.08 RSI

0.16 RSI 0.12 RSI 0.16 RSI 1.99 RSI 0.08 RSI 0.03 RSI

0.11 RSI 5.56 RSI @ 87%

2.46 RSI @ 13%

0.16 RSII 0.76 RSII 2.11 RSI 0.06 RSII 0.12 RSII

SECTION LEGEND

CEILING TYPES

C1 - INTERIOR FLOOR FINISHED FLOORING
1/, TAG PLYWOOD
FLOOR JOISTS AS PER ENGINEER
CROSS BREIGING
1/, GYPSUM BOARD PAINTED

ROOF TYPES

R1-JOIST ROOF STANDING SEAFMERU, ROOFING 10" PLYWOOD CW H CLPS JM CROOS PPERING PERING SEAFMER MEDICAL POLY JAMES V. GYPERA BOARD PAINTED ROOF VENTED 1:150

SLAB TYPES

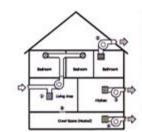
S1 - FLOOR SLAB 4" THICK CONCRETE SLAB 6 MEL POLY. 2-10" XPS RIGID INSULATION 4" FERRIMETER 2" THERMAL SPEAK & SLAB EDGE COMPACTED Y MINUS LINDISTURBED SOR.

WALL TYPES

W1 - EXTERIOR WALL CLADDING AS PER ELEVATIONS

"I," P.T., STRAPPING FASTENED TO FRAMING
TYVEC HOUSE WILLP [MI]
"Ja" OSIB SHEATHING OR AS PER ENGINEER
"XNS STUDGS BYS" O.C.
R-19 (COMPRESSED) BATT INSULATION
6MR, POLY, (BAYO)
"J," GYPSUM BOARD PAINTED

W2 - INTERIOR WALL 's," GYPSUM BOARD PAINTED 2X4 STUDS @ 16" OC R12 BATT INSULATION (OPTIONAL) 's," GYPSUM BOARD PAINTED



BCBC 9.32 MECHANICAL VENTRATION REGULARISMENTS CENTRAL RECIRCULATION VENTRATION SYSTEM

RINCIPAL EXHAUST FANAS SHOWN ON PLANS

MECHANICAL VENTILATION REQUIREMENTS





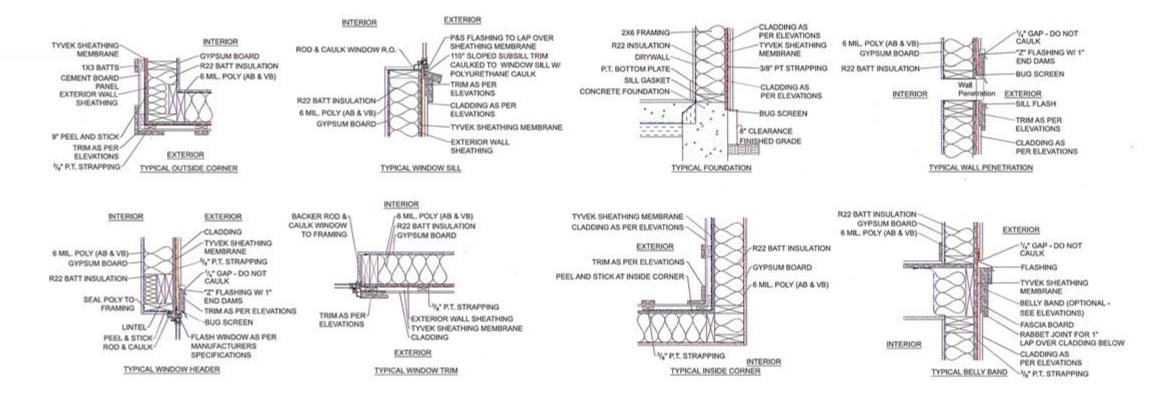
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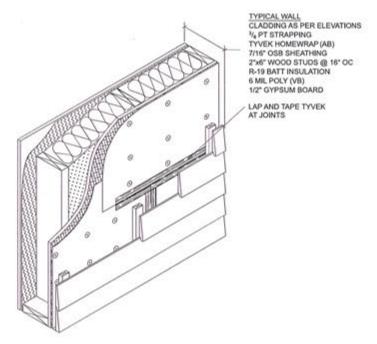
481 SOUTH JOFFRE ST **GARDEN SUITE**

C Atlant Design

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CROSS SECTION





TYPICAL WALL ISOMETRIC

TYPICAL CLADDING DETAILS





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481 SOUTH JOFFRE ST GARDEN SUITE

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The General Contractor is responsible for confirming and consisting dimensions at it job sits. The Designer will not be responsible for construction means, methods, technique exquences, or procedures, or for safety pressultions and programs in connection of the contraction of programs in connection of the contraction of the contr

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ISSUED FOR REZONE

ISSUED.

DETAILS

February 25, 2020

Lynn Mitchell 481 South Joffre Street Victoria V9A 6C7

RE: REZONING APPLICATION

Dear Neighbour:

I would like to invite you to attend a presentation about my application to build a small cottage in my backyard. The building will be 512 square feet as a footprint with extra living space built in the roofline. The purpose of this project is to house extended family and will not be used as short-term rental. There will be parking on site to mitigate additional street parking. Green space and permeable surfaces will be used in landscaping and new trees will be added for privacy and environmental sustainability.

This presentation will be held at the building site on the above-mentioned property. I welcome your interest in my project and look forward to sharing my plans. If you have any questions or concerns feel free to call

481 South Joffre St. March 21, 2020 2-4pm Light refreshments served.

Best Regards Lynn

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January 17, 2020



Township of Esquimalt Attn: Mayor and Council 1229 Esquimalt Rd. Esquimalt, BC V9A 3P1

Re: 481 Joffre - Proposed Garden Suite

I am the contiguous neighbour to the north of the subject property and share the boundary down the entire length of the property.

I am very happy with the garden suite they propose building in the rear yard. They have invested considerable time & money ensuring that the design and location is the best possible for the propert,y and have communicated with me every step of the way.

Council has encouraged residents to provide garden suites and this proposal should be wholeheartedly supported. It is a great addition to the community.

Lynn Mitchell 481 South Joffre Street Victoria V9A 6C7

I have presented my plan for a small two storey cottage in the northeast corner of my backyard to home owners in my community. The proposed site is overlooked by a three storey apartment block with paved parking lot adjacent to my east fence. It is screened by trees on the north with a workshop directly behind it. This next door property on the north side is in foreclosure and likely to be developed which may involve taller buildings than my proposal which may overlook my garden. Directly to the North is a looming large duplex in the backyard of an existing house.

The small footprint of my proposal will save green space, mature trees and preserve permeable land. It will not intrude on any neighbours and will add more density without destroying existing buildings. The following list shows community members/ home owners who support my proposal.

Kimileke (Homeowner) 488 S. JOFFRE ST

VILTORIA BC V9A6C8

Helly Toeple (nomeowner) 482 JOFFRE ST S Victoria B. C V9 A 6C8

Ken Whitehead (home owner) 482 S Joffre St

Victoria BL V9AGC8

M. Moriarity (Homeowner) 473 Joffre St.S.

Victoria B.C

ANGRELITO M. MARALINED (HOME OWNER)

479 do FAUE ST. SOUTH.

Jasa Wilher

KATHLEEN READY Kathleen Ready (home owner). 1117 Lyall St. Tutona B.C. V9A 563 Mary 1. Morris (Home owner) 100 HEALD AVE. VICTORIA BC. 1/9A 7E7 John allion (Home Quner) 480) Lecilia M. Sautheer Jamson Statford 489 Joffre It S coowned Draftord Karyn Barclay 489 Joffe St S. Jane Mundy 475 Kinver St home owner