MAY STREET PASSIVE HOUSE

1417 MAY STREET, VICTORIA

ISSUED FOR REZONING & DEVELOPMENT RESUBMISSION AUGUST 30, 2018

DRAWING LIST

CASCADIA ARCHITECTS INC.

Sheet No. Sheet Title:

COVER SUPPLY A PROJECT DATA BITE PLANS - DE MOLITION A PROPOSED PROPOSED PLOON PLANS PROPOSED PLOON A ROOF PLAN ELEVATIONS & BULLDING SEGTION ELEVATIONS & BULLDING SEGTION ELEVATIONS A MATERIAL BOARD

BIOPHILIA DESIGN COLLECTIVE LTD.

Sheet No. Sheet Title:

PROPOSED LANGISCAPE PLAN

Received City of Victoria

SEP 1 0 2018

Planning & Development Department **Development Services Division**

NILA HOLDINGS LTD. 185 - 911 Yates Street Victoria BC V8V 4Y9

Contact: Howard Sparks hsparks2@telus.net ARCHITECT

CASCADIA ARCHITECTS 1060 Meares Street Victoria BC V8W 1E4 250.590.3223

Contact: Peter Johannknecht Architect AIBC LEED AP peter@cascadiaarchitects.ca

LANDSCAPE DESIGN

BIOPHILIA design collective ltd. 1719 Lee Avenue Victoria BC V8R 4W7 250.589.8244

Contact: Bianca Bodley

PROJECT PROJECT
DISTING ZONE
PROPOSED ZONE
STE MEA:
TOTAL PLOCK MEA IS
CLAMMERICAL PLOCK
FLOCK PROPACE RATIO.
SITE COVERAGE (%):
COPAL SITE SPACE (%):
FLOCK PLOCK PLOCK
FLOCK PLOCK
FLOCK PLOCK
FLOCK PLOCK
FLOCK
F RESIDENTIAL USE DETAILS TOTAL NUMBER OF UNITS: LINE TYPE CHOUND ORDERTED UNITS: MENALM LART FLOOR AREA INCH. TOTAL RESIDENTIAL FLOOR AREA

A CLASS LIENCLOSEDI & CLASS 2 (BACK)

2 BEDROOM

OPEN SITE SPACE

(207.00 + 87.00) sq.m. • BUILDING . ACC. OPEN SITE SPACE OPEN SITE SPACE LOT AREA

REAR YARD OPEN SITE SPACE 250.00 upm -REAR YARD OPEN SITE SPACE REAR YARD AREA

AVERAGE GRADE CALCULATION: PRIMARY GRADE POINTS

CALCULATION

GRADE PONTS - 37.61 - 12.55 - 40.10 - 52.32 - 82.22 - 23.04 - 8.00 - 26.47 - 132.24

AVERAGE GRADE 414.50/ 62.00 - 6.88m

ZONING REVIEW

LOT AREA PROPOSED - R-SS ZONE FLOOR AREA FLOOR SPACE BATIO TOTAL FLOOR AREA 2.10 m SETBACKS
FRONT YARD SETBACK
REAR YARD SETBACK
SIDE YARD SETBACK (EAST)
SIDE YARD SETBACK (WEST)

SITE COVERAGE, OPEN SITE SPACE, PARKING SITE COVERAGE OPEN SITE SPACE VEHICLE PARKING 4 x CLASS 1 6 x CLASS 2 BICYCLE PARKING

BUILDING CODE MAY STREET PASSIVE HOUSE:

CIVIC ADDRESS: 1417 May Street Version SC VBS IC2 LEGAL ADDRESS; Lot 4, Buck D. Farter Fam Finate, Plan 340 Farter San Stee. 009-137-581 ZONNG: RSS, May Street Multiple Develop Defect

TYPE OF WORK: New Your Directing Residence REFERENCED DOCUMENT: Brean-Counties Building Code 2012, Part 9 BUILDING AREA: 165.8 SQ. M

FIRE RESISTANCE RATINGS:

AVERAGE GRADE CALCULATION: ACCESSORY GRADE POINTS

CALCULATION

amonachi ini			
GRADE POINTS	AVERAGE OF POINTS	DISTANCE BETWEEN	TOTALS
POINTS LA M	((4.30 + 4.71) / 2)	1 8.63n	+ 39.18
POINTS M & N	((4.71 + 4.71) / 2)	x 2.40m	- 11.30
POINTS N & O	E4.71 + 4.57) / 23	x 3.43m	- 16.16
POINTE O A P	64.57 + 4.571 / 21	x 11.64m	- 53,19
POINTS P A O	6(4.57 + 4.301 / 2)	x 5.150	- 22.66
POINTS O A R	((4.30 + 4.28) / 2)	x 11,72m	- 50.27
PONTS RAL	((4.28 + 4.36) / 2)	x 2.40m	- 10.39
AVERAGE GRADE		+ 45.32m	- 203.152

13.59 m

AVERAGE GRADE REFERENCE
PLAN - PRIMARY BUILDING
SCALE : 1-200

5.50 m

NAFS

LOCATION: Vettra BUILDING HEIGHT (M): 10 or boom

DATA SOURCE: Table C-1 "Request Performance of Windows & Doors in Part & Bendings" Famous Part of Appendix G CLIMATIC DATA (1/5 DRWP): 220 Pa

FLOOR SPACE RATIO CALCULATION

FLOOR AREA 1 FLOOR AREA 2 FLOOR AREA 3

LOT AREA:

TOTAL (STRUCTURE)

TOTAL (STRUCTURE)

FLOOR SPACE RATIO

MATIC DATA (1/50 HWP): 0.57 kPa
ECIPIED LOADS (DRWP): 220 Pa
ECIFIED LOADS (WIND LOAD - Pol: 1154 Pw
ECIFIED LOADS (WIND LOAD - pst): 24,11 pst
O'D FENESTRATION PERFORMANCE (DP): 1200 Pa
GTO PENESTRATION PERFORMANCE (PG): 25
OTO PENESTRATION PERFORMANCE (WATER RESIST.): 220 Pa

301.34 M2 -

925.05 542

SITE COVERAGE

MAIN STRUCTURE ACCESSORY BUILDING	214.50 M2 +
TOTAL (STRUCTURE)	301.50 M2 -
LOT AREA:	905-05 M2
TOTAL (STRUCTURE) LOT AREA:	301.50 M2 . 966.65 M2

REAR YARD SITE COVERAGE CALCULATION:

ACCESSORY BUILDING	\$7.00 M2 +
TOTAL (STRUCTURE)	87.00 M2 =
REAR YARD LOT AREA.	476.00 Mg
NOTAL (STRUCTURE) REAR YARD LOT AREA:	87.00 ME . 478.00 M2
SITE COVERAGE	0.18 -

2.457m

E 447m

5.11 m

AVERAGE GRADE REFERENCE 2 PLAN - ACCESSORY BUILDING



EXISTING SURVEY



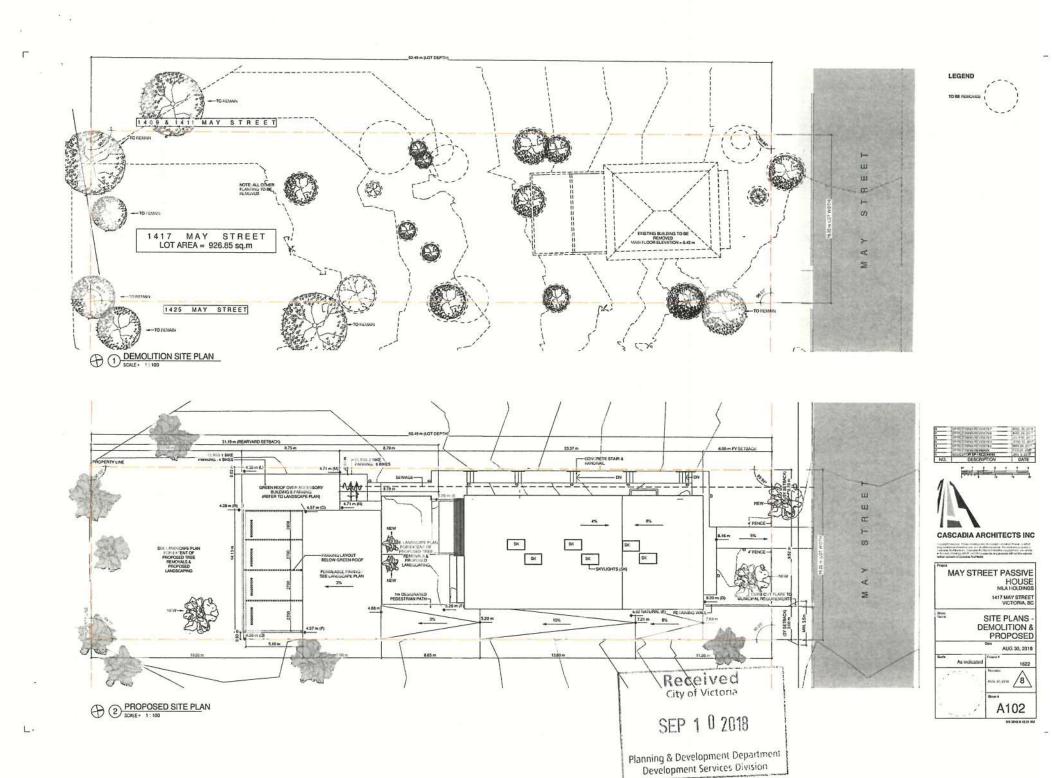
LOCATION PLAN

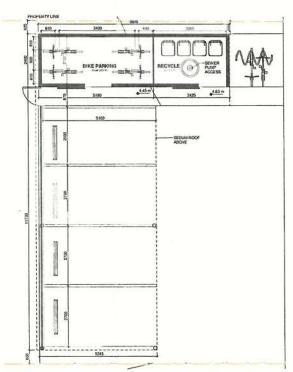
CASCADIA ARCHITECTS INC

MAY STREET PASSIVE HOUSE 1417 MAY STREET VICTORIA, BC

SURVEY & PROJECT DATA

AUG 30, 2018 As indicated A101

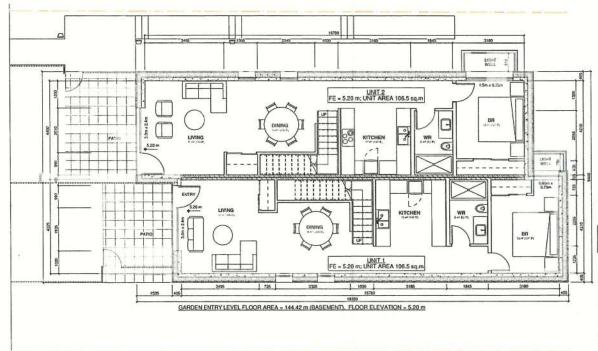




PROPOSED BIKE PARKING /

RECYCLE AREA PLAN

SOLE 1:50



PROPOSED GARDEN LEVEL PLAN

SCALE: 1:50

Received
City of Victoria

SEP 1 0 2018

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Development Services Division

INC. DESCRIPTION DATE DESCRIPTION D

MAY STREET PASSIVE HOUSE NIA HOLDEG

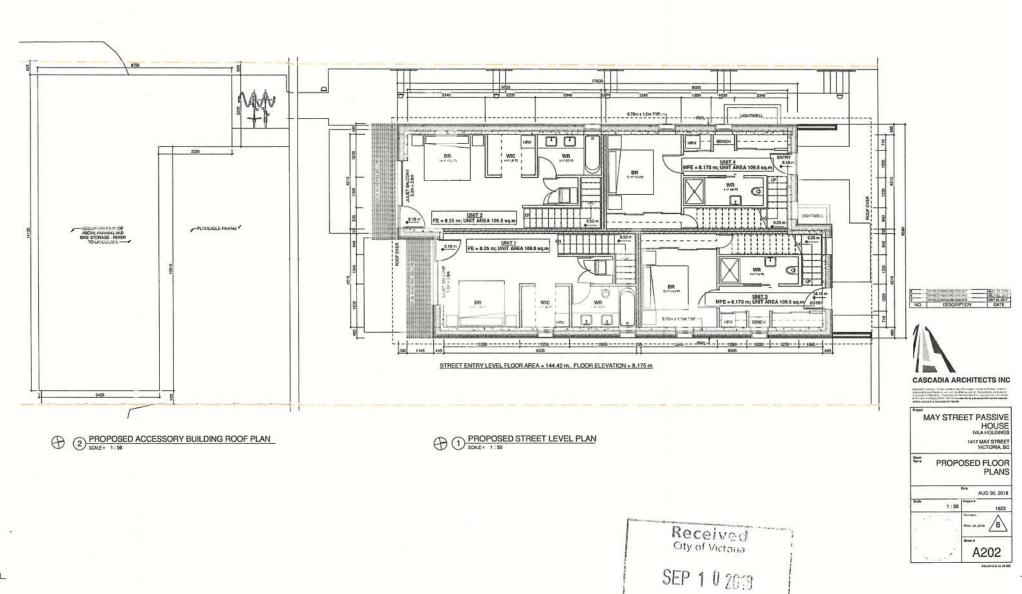
PROPOSED FLOOR PLANS

Box AUG 30, 2018

1:50 Factor 1622

MAY 96 2027 6

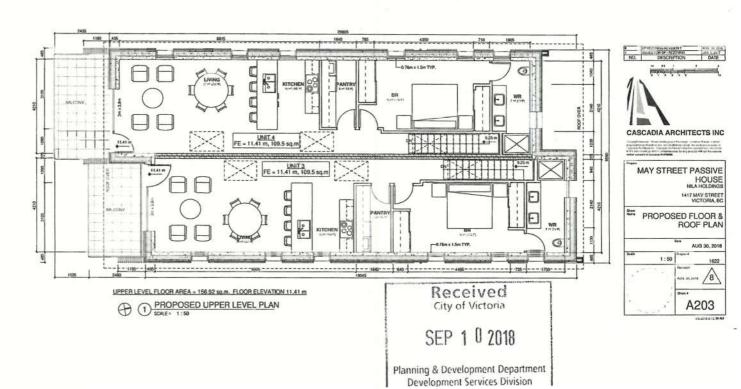
A201



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1990 ## 199

PROPOSED ROOF PLAN



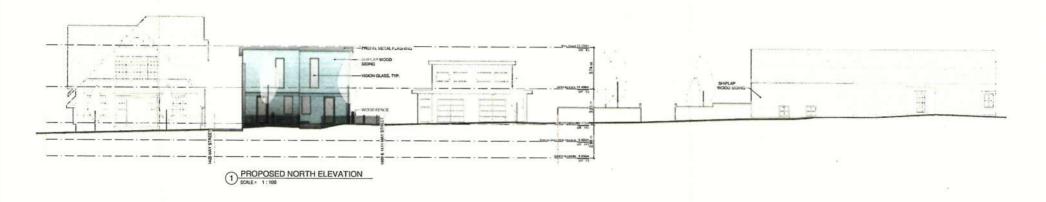
PREFIX METAL FLASHING-5 PROPOSED BUILDING SECTION
SCALE: 1:100 PROPOSED SOUTH ELEVATION
SCALE - 1:100

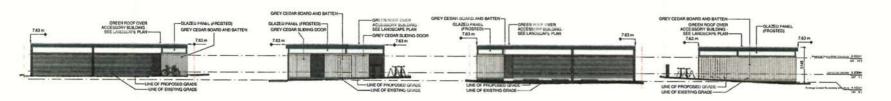


1417 MAY STREET VICTORIA, BC

AUG 30, 2018

A300





2 PROPOSED NORTH ELEVATION ACC. BUILDING

3 PROPOSED EAST ELEVATION ACC. BUILDING SCALE: 1:100

PROPOSED SOUTH ELEVATION ACC. BUILDING

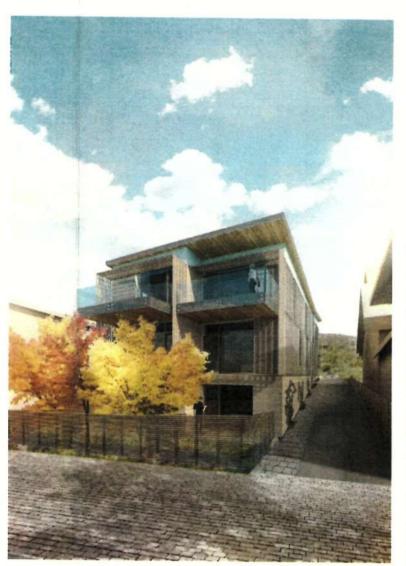
5 PROPOSED WEST ELEVATION ACC. BUILDING SCALE : 1:100

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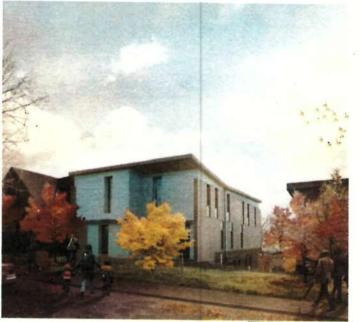




1417 MAY STREET - VIEW FROM YARD







1417 MAY STREET - VIEW FROM STREET

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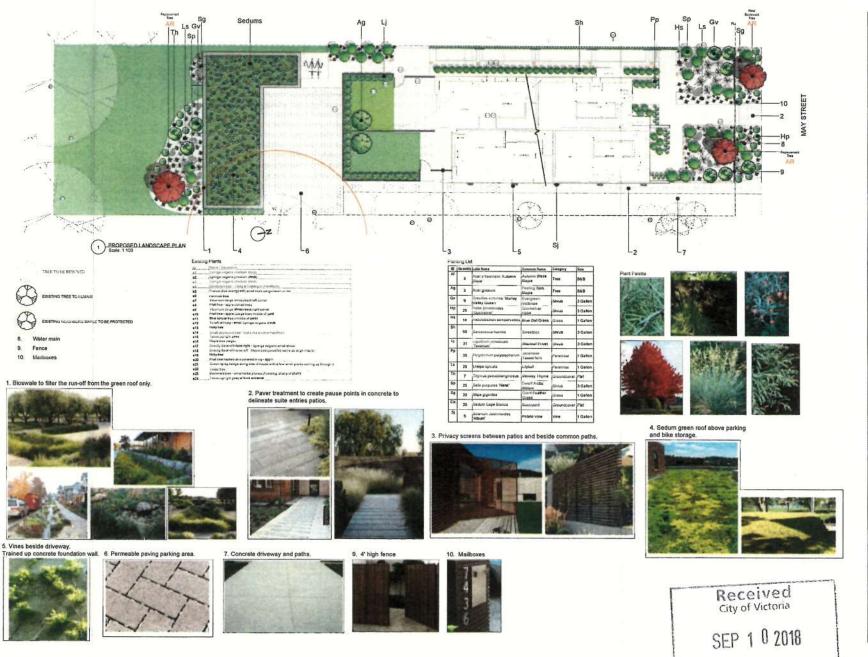




MAY STREET PASSIVE HOUSE NILA HOLDINGS

RENDERINGS & MATERIAL BOARD

A400



CASCADIA ARCHITECTS INC
1000 Means Street
Visions 60: VR 2.06 Calcula
T 200 560 3220 Uniford (Consequence and Architectus)

S. C. P. B. I. L. L. A. Surpe code, code,

Remark hard man Log 2014

Verification view April 2019

No DESCRIPTION DATE

PROPOSED

LANDSCAPE PLAN
MAY STREET

PASSIVE HOUSE
NILAHOLDINGS
1417 MAY STREET
VICTORIA BC

Congress research. These descripts and the design continued the content within the gas or desired financials are until at the content the desired financials are until at littless content the congress and content the content to the content of the

PROJECT NAMEGE SATE JULY 7 20

PROVINCE THAT SEE CHECKED BY DESCRIPTION BB / P.J. 145

ADV.

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