

Attachment #5

Applicant Submission Materials

City of New Westminster 511 Royal Avenue New Westminster, BC V3L 1H9

September 15, 2022

RE: 902 First Street - Project Proposed Duplex Dwelling

The intent of this rezoning application is to allow for a duplex dwelling in the Glenbrooke North neighborhood. The property is walking distance to a shopping center, Terry Hughes park and Queen's park and a bus stop. It also falls into the school catchment for Glenbrook Middle School, Herbert Spencer Elementary and New West Secondary.

The current property has been reviewed by the heritage group and it was found to have no heritage value. The neighborhood consists of significantly older homes with some newer homes built from the 1990's and onwards.

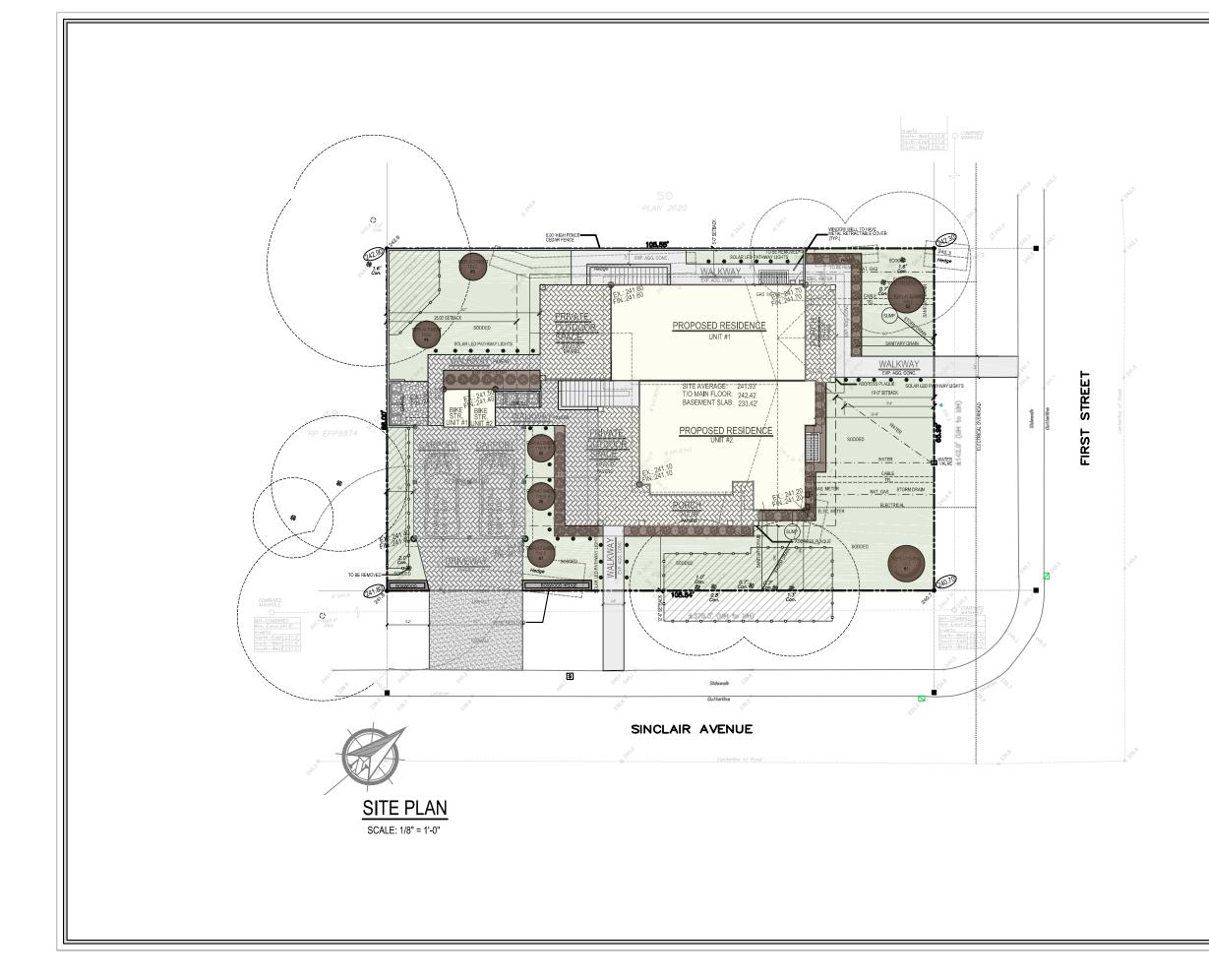
The proposed duplex is on a corner property with a shared driveway for parking. This shared parking allows for more green space and less hard surfaces. The carports will have a permeable surface to help reduce the amount of water that gets diverted to the City. The front of each proposed unit faces two different roads; one towards First Street and the other towards Sinclair Avenue. This aids in the aesthetic look of the homes, making them less noticeable as duplexes but more importantly, making them look less alike as a typical duplex would. The general architecture is craftsman which contributes to our City. The main indoor and outdoor living space is on the main level of the home with the bedrooms above. The basement will be used for recreational purposes.

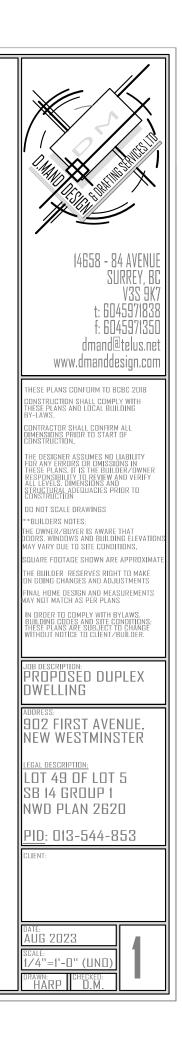
The proposed design compliments the current streetscape as there is a multi 4-plex across the street, and the new building will continue with the traditional craftsman style look. Landscaping includes retaining 5 large trees on Sinclair Avenue as shown in the included landscaping plan, which will enhance the corner property.

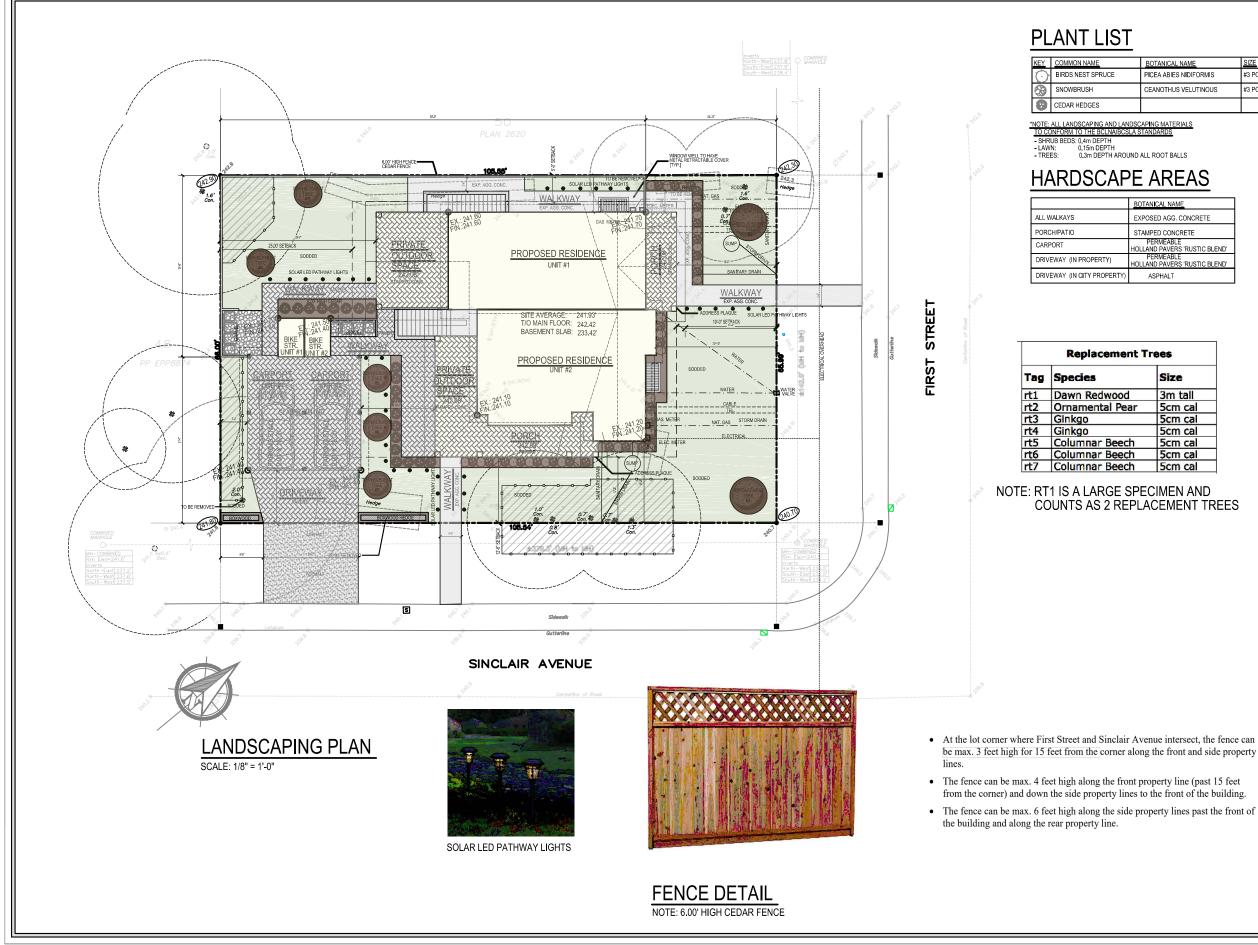
The proposed project would provide a more friendly accessible family housing as there are only a couple of steps to enter the building, which is an important City goal. The duplex dwelling offers a more affordable housing option as opposed to one larger home which would be more costly. This duplex also adds to the much needed single family home inventory.

Thank you,

Raj Gill on behalf of the property Owner Versa Developments Ltd. 438 Oak Street, New Westminster, BC, V3L 2T5







BOTANICAL NAME	SIZE	SPACING	QTY
PICEA ABIES NIDIFORMIS	#3 POT	24" O/C	28
CEANOTHUS VELUTINOUS	#3 POT	24" O/C	27
		12" O/C	29

A	R	E	A	S	

OTANICAL NAME
XPOSED AGG. CONCRETE
TAMPED CONCRETE
PERMEABLE DLLAND PAVERS 'RUSTIC BLEND'
PERMEABLE DLLAND PAVERS 'RUSTIC BLEND'
ASPHALT

Trees				
	Size			
	3m tall			
	5cm cal			



CALCULATIONS : RT-1 ZONING

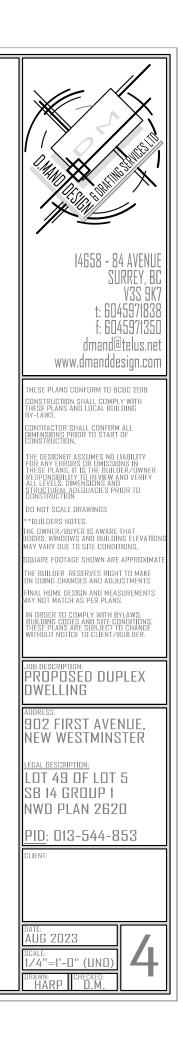
LOT SIZE:			6,965 sq.ft.
PROPOSED FLOOR AREAS:			
PRINCIPAL BUILDING: MAIN FLOOR : NORTH UNIT: SOUTH UNIT:	688 sq.ft. 717 sq.ft.		
		1,405 sq.ft.	
UPPER FLOOR:			
NORTH UNIT: SOUTH UNIT:	688 sq.ft. 680 sq.ft.		
		1,368 sq.ft.	
BASEMENT FLOOR: NORTH UNIT: SOUTH UNIT:	688 sq.ft. 717 sq.ft.		
		1,405 sq.ft.	
PROPOSED GROSS FAR :			4,178 sq.ft.
PERMITTED GROSS FAR: (STEP CODE 3)			4,179 sq.ft. [60.00%]

PERMITTED:			696.5 sq.ft. [10%
	NORTH UNIT PATIO: NORTH UNIT PORCH: SOUTH UNIT PORCH/PATIO:	253 sq.ft. 109 sq.ft. 327 sq.ft.	
PROPOSED:			689 sq.ft. [9.89%
DETACHED A	CCESSORY STRUCTURE AREA:		
PERMITTED:			696.5 sq.ft. [10%
	NORTH UNIT CARPORT: NORTH UNIT BIKE STORAGE: SOUTH UNIT CARPORT: SOUTH UNIT BIKE STORAGE:	234.675 sq.ft. 35 sq.ft. 234.675 sq.ft. 35 sq.ft.	
PROPOSED:			539.4 sq.ft. [7.749
PROPOSED F	PRIVATE OUTDOOR SPACE:		
UNIT #1 UNIT #2			253 sq.ft. 327 sq.ft.

LOT COVERAGE:

BUILDING HEIGHT (MEAN OF THE ROOF):	
PROPOSED:	1,432 sq.ft. [20.56%]
PERMITTED:	2,794 sq.ft. [40.00%]

PERMITTED:	25.00'
PROPOSED:	25.00'



GENERAL NOTES:

THESE DRAWINGS HAVE BEEN PREPARED BY D.MAND DESIGN AND DRAFTING SERVICES LTD. TO CONFORM TO CURRENT RESIDENTIAL STANDARDS OF THE BRITISH COLUMBIA BUILDING CODE (B.C.B.C. 2018). THE BUILDER IS RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION CONFORMS TO PROVINCIAL AND LOCAL BUILDING CODES AND BY-LAWS.

IT IS THE RESPOSIBILITY OF THE BUILDER/FRAMER TO CHECK AND VERIFY ALL DIMENSIONS, MATERIALS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION. ANY ERRORS OR OMISSIONS SHALL BE BROUGHT TO OUR ATTENTION IMMEDIATELY SO THAT CORRECTIONS CAN BE MADE AND PLANS REPLACED. DESIGNER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS AFTER CONSTRUCTION HAS COMMENCED.

DIMENSIONS TAKE PRECEDENCE TO SCALE DRAWINGS, DO NOT SCALE THESE DRAWINGS.

ALL CONSTRUCTION AND INSTALLATION OF MATERIALS AND FOUIPMENT SHALL BE DONE IN ACCORDANCE WITH GOOD BUILDING PRACTICE AND MANUFACTURERS INSTRUCTIONS IN A TIMELY MANNER

STRUCTURAL FRAMING MATERIALS ARE TO BE: - JOISTS: DOUGLAS FIR #2 OR BETTER. - LINTELS: DOUGLAS FIR #2 OR BETTER - BEAMS: DOUGLAS FIR #2 OR BETTER. - HEADERS: DOUGLAS FIR #2 OR BETTER. - RAFTERS: DOUGLAS FIR #2 OR BETTER. PLATES: DOUGLAS FIR OR SPF #2 OR BETTER. STUDS: DOUGLAS FIR OR SPF STUD GRADE.

UNLESS OTHERWISE STATED. APPLICATION OF MATERIALS MUST CONFORM TO THE TABLES PROVIDED IN THE B.C.B.C. RESIDENTIAL STANDARDS AND THE SPAN BOOK CURRENT EDITION.

BUILDING FRAMES SHALL BE ANCHORED TO THE FOUNDATION WALLS BY FASTENING A SILL PLATE TO THE FOUNDATION WALL WITH 1/2" ANCHOR BOLTS SPACED AT 6'-0" ON CENTER, UNLESS OTHERWISE

ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PROTECTED WITH 45LB. FELT, SILL GASKET OR OTHER APPROVED METHODS.

CAULKING AND FLASHING TO BE PROVIDED AS PER B.C.B.C.

FLOOR JOISTS SPANNING MORE THAN 7'-0" ARE TO BE BRIDGED AT MID SPAN OR AT 7'-0" O.C. BY 2" X 2" DIAGONAL BRACING. ALL SUBFLOORS TO BE 5/8" T&G PLYWOOD, GLUED AND NAILED TO FLOOR JOISTS.

PARTITION WALL PARALLEL TO FLOOR JOISTS SHALL BE SUPPORTED BY A SINGLE JOIST OR BLOCKING BETWEEN JOISTS. PARTITION WALLS, SUPPORTING KITCHEN CABINETS, PARALLEL TO FLOOR JOISTS SHALL BE SUPPORTED BY DOUBLE JOISTS.

EXTERIOR MATERIAL SCHEDULE

JAMES HARDIE

WHITE PINE

DESCRIPTION

AP SIDING

X 10" BARGE BOARD

" X 6" FASCIA BOARD

WINDOW/DOOR

" X 6" WINDOW/DOOR TRI

ALL LINTELS TO BE 2 - 2" X 10" DOUGLAS FIR #2 OR BETTER, UNLESS OTHERWISE STATED, AND SHALL BE SUPPORTED ON A MINIMUM 2" BEARING.

BUILDER TO CHECK SNOW LOAD AND RAIN LOAD GUIDELINES FOR THEIR MUNICIPALITY PRIOR TO CONSTRUCTION.

ROOF SPACE SHALL BE VENTED WIT H ROOF TYPE, EAVE TYPE, AND/OR GABLE TYPE VENTS TO A MINIMUM OF 1:300 OF THE INSULATED CEILIING AREA. ROOF JOISTS VENTED TO MINIMUM 1:150.

CRAWLSPACES SHAL BE VENTED TO A MINIMUM OF 1:500, VENTS SHALL BE UNIFORMLY PLACED AROUND THE BUILING. CRAWLSPACES MAY ALSO BE HEATED BY A FORCED AIR HEATING SYSTEM OR VENTS TO AN ADJACENT BASEMENT.

MINIMUM INSULATION REQUIREMENTS: - FOUNDATION WALL: R-12

- ROOF: R-40

- 2" X 4" WALLS: R-14

- 2" X 6" WALLS: R-20

CANTILEVERED FLOORS, CEILINGS AND DECKS ABOVE FLOORS: R-28 WITH 6MIL POLY VAPOUR BARRIER INSTALLED ON THE WARM SIDE OF THE INSULATION.

CEILING INSULATION SHALL BE INSTALLED SO AS NOT TO RESTRICT AIR FLOW THROUGH ROOF VENTS TO ATTIC SPACES.

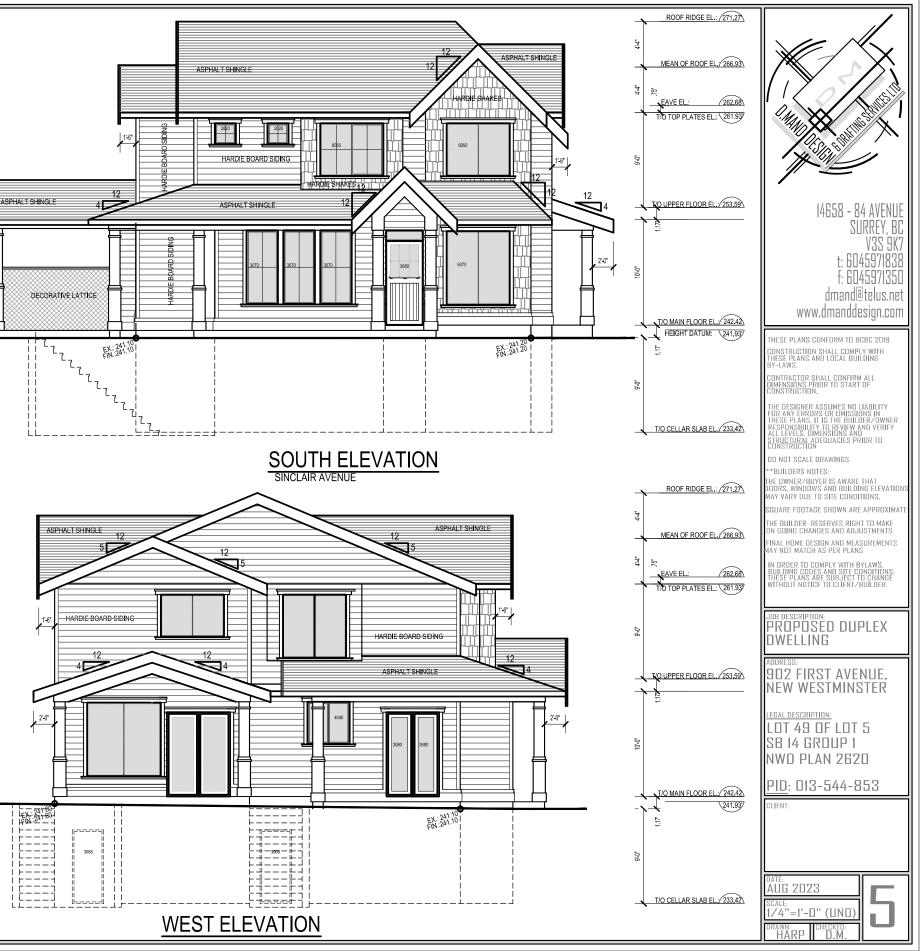
ATTIC SPACES AND CRAWLSPACES TO HAVE A MINIMUM 20" X 32" ACCESS HATCHWAY, WEATHERSTRIPPED

PROVIDE A COPY OF SIGNED ANS SEALED ROOF TRUSS SHOP DRAWINGS & SPECIFICATIONS PRIOR TO FRAMING INSPECTION

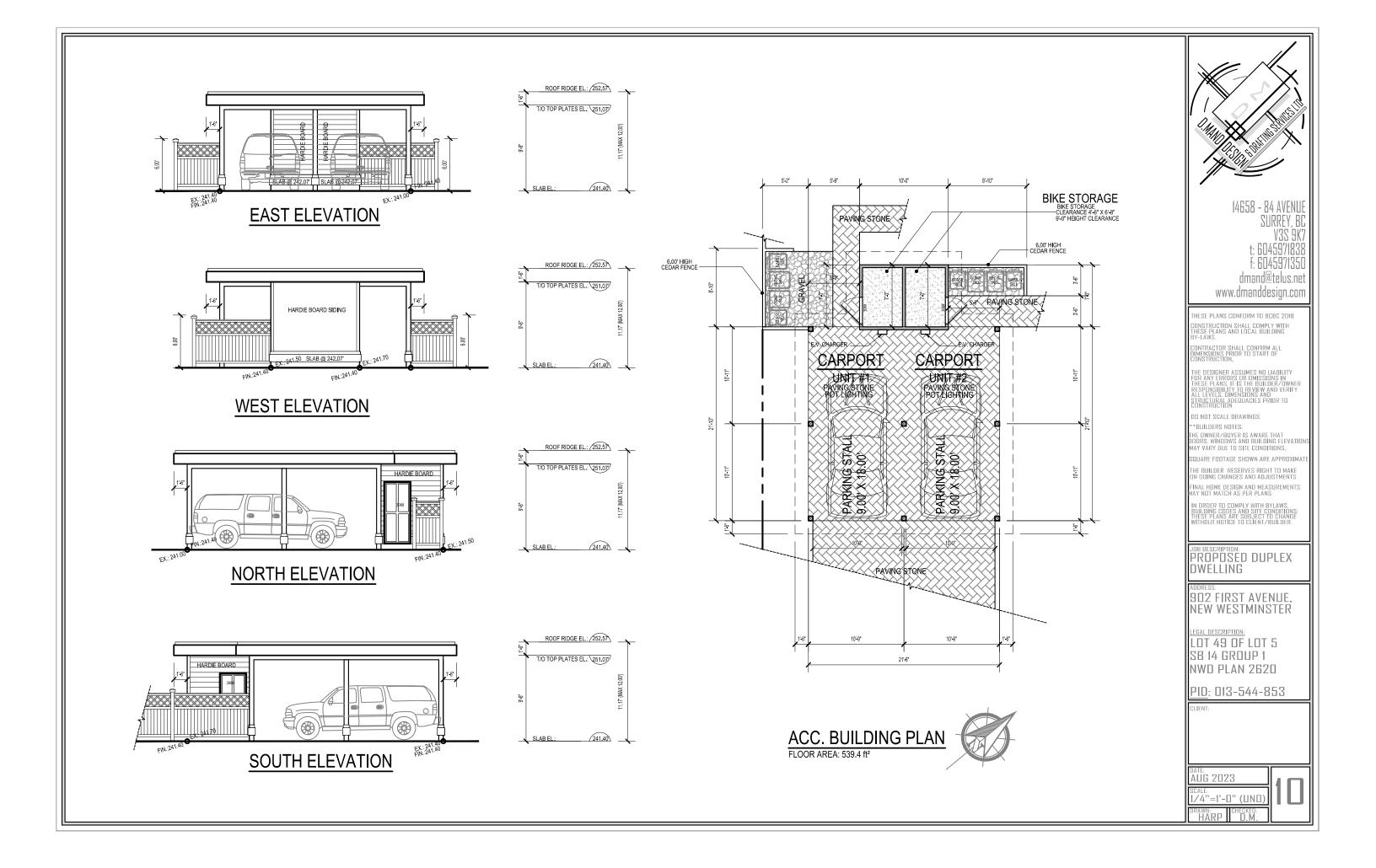
REMOVING WEB MEMBERS, DRILLING OR CUTTING CHORDS WILL NOT BE PERMITTED.

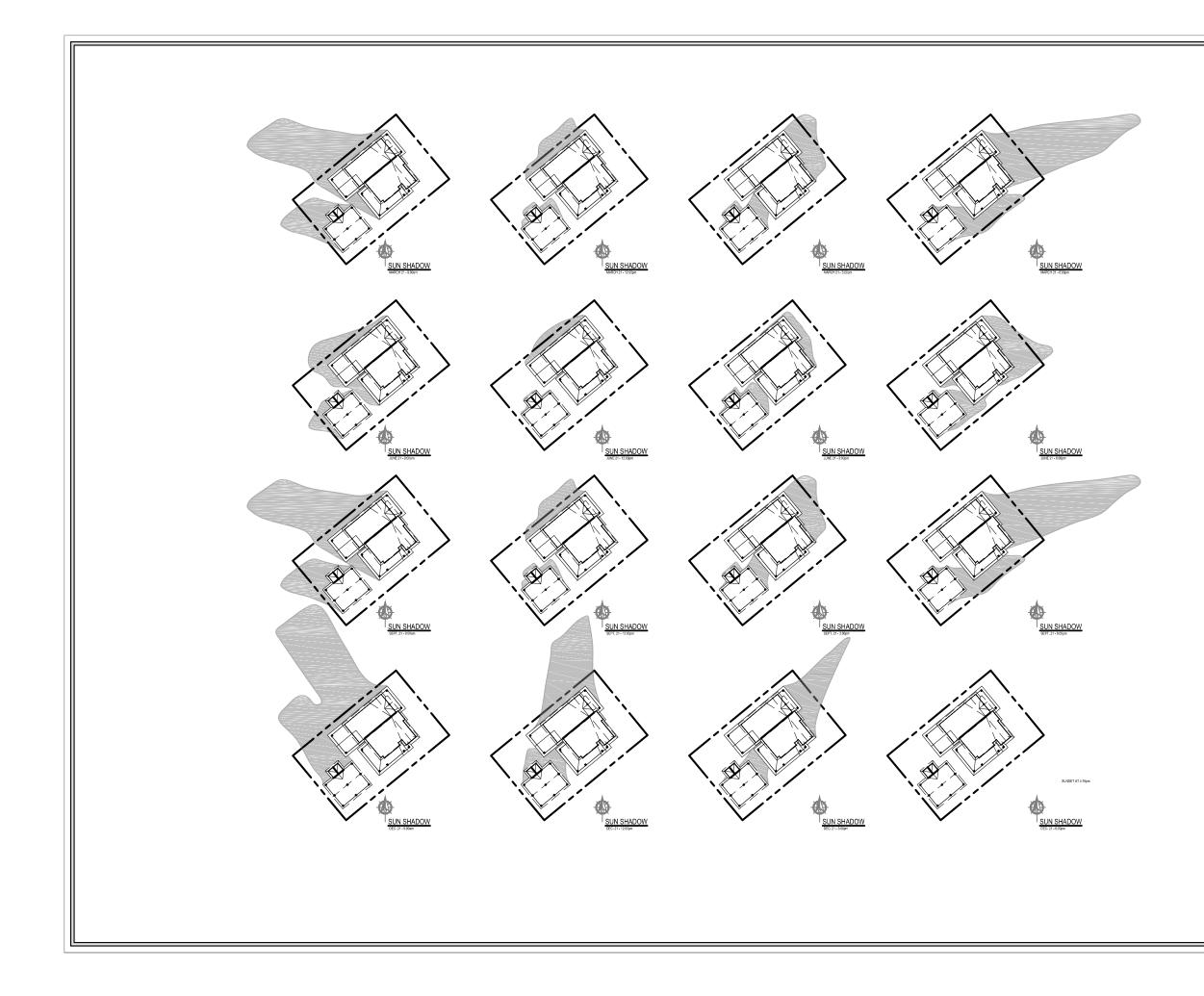


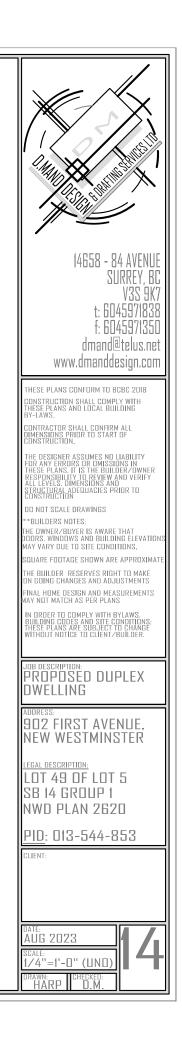














SOUTH ELEVATION



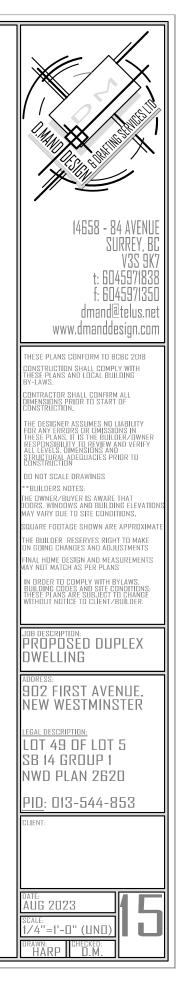
EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION





PROPOSED SOUTH ELEVATION











PROPOSED EAST ELEVATION





