DESIGN RATIONALE

PROJECT CONTEXT

THE SUBJECT PROPERTY IS ONE OF THREE SINGLE FAMILY SITES ON EITHER THE NORTH OR SOUTH BLOCK FACE OF EAST 23RD STREET BETWEEN ST GEORGES AVENUE AND ST ANDREWS AVENUE. THE NORTH BLOCK CONSISTS OF THE NORTH VANCOUVER PROVINCIAL COURT AT THE WEST AND THE MICKEY MCDOUGALL COMMUNITY CENTRE TO THE EAST. ON THE SUBJECT, SOUTH BLOCK FACE 15% IS TAKEN UP WITH NORTH SHORE ALLIANCE CHURCH TO THE WEST AND THEIR SUBSTANTIAL PARKING LOT OCCUPYING THE EQUIVALENT OF SEVEN LOTS MID BLOCK.

OUR IMMEDIATE NEIGHBOURS ARE OLDER HOMES. TO THE WEST AT 253 EAST 23RD, THE HOUSE WAS CONSTRUCTED IN 1928 AND DOES NOT APPEAR TO HOLD CHARACTER SIGNIFICANCE. IT APPEARS REGISTERED AS A SINGLE-FAMILY HOUSE WITH SECONDARY SUITE. THE CURRENT FLOOR AREA RATIO (BASEMENT EXCLUDED) IS ABOUT 0.15. SIMILARLY, THE NEIGHBOUR TO THE EAST IS A POST WAR (1952) BUNGALOW WITH BASEMENT WITH ABOUT A 0.17 FLOOR AREA RATIO AND IS A SINGLE-FAMILY HOUSE. THE HOUSE ON THE SUBJECT PROPERTY IS ALSO A 1952 POST-WAR, SINGLE-FAMILY HOUSE AND HAS A FLOOR AREA RATIO OF ABOUT 0.19. AS A WOOD FRAME HOUSE OF 10 YEARS, IT IS AT ITS END OF SERVICE LIFE.

ACROSS THE LANE TO THE REAR AND DOWNSLOPE ARE LARGER SINGLE-FAMILY HOMES MIXED WITH DUPLEX DEVELOPMENTS.

MASSING, FORM, AND CHARACTER

FROM A DESIGN PERSPECTIVE, THE PROPOSED TRIPLEX IS MEANT TO DO SEVERAL THINGS. FIRSTLY, MAINTAIN THE SCALE OF THE NEIGHBOURHOOD (PRIMARILY TO THE SOUTH, EAST AND NORTHEAST. WE ARE PROPOSING TO MAINTAIN THE PREDOMINATE RS-I AND RT-I MASSING. INCLUDED IN THIS APPROACH TO MASSING IS ARTICULATION OF THE FORMS OF THE STRUCTURE AND DEMARCATION OF THE INDIVIDUAL SUITES. IN ORDER TO ACHIEVE A DECIDEDLY SINGLE FAMILY MASS, THE THREE UNITS ARE ALL SET AT VARIOUS DISTANCES FROM THE FRONT PROPERTY LINE / STREET. THE IDEA IS THAT THE CENTRE MASS APPEAR AS THE PRINCIPAL DWELLING AND THE WEST AND THE EAST UNITS APPEAR MORE AS SECONDARY. IN THIS ATTEMPT, WE HAVE TRIED TO STRIKE A CAREFUL BALANCE BETWEEN A MARKED AND DIGNIFIED ENTRY FOR ALL UNITS, WITH THE MASSING TYPOLOGY OF SINGLE FAMILY. THIS APPROACH HAS PREVENTED THE STRUCTURE FROM HULKING OVER THE STREET AND ALLOWS FOR INTERESTING ENTRY WAYS AND SHADOWS. THE FORM IS ASYMMETRICAL.

SECONDLY, WE ARE ATTEMPTING TO BUILD ON A "MODERN FARMHOUSE" TYPOLOGY, BUT FOLLOWING THROUGH WITH RICHER MATERIALS AND DETAILING. THE HOPE IS TO CREATE DEPTH AND TEXTURE THROUGH THE SIMPLE FORMS, BUT DEEPER OVERHANGS. RECENTLY, THERE HAS BEEN A PROLIFERATION OF DWELLING DETAILING THAT IS SLOWLY ERODING AWAY AT THE TRADITIONAL FORM. WE ARE ATTEMPTING TO MOVE BACK IN THE DIRECTION OF THE TRADITIONAL IN THE END THE STRUCTURE SHOULD RESEMBLE A SINGLE FAMILY HOUSE THAT HAS GROWN AND ADAPTED OVER TIME

IN TERMS OF PARKING WE HAVE PROVIDED THREE SECURE PARKING STALLS IN A TRIPLE CAR GARAGE. WE BELIEVE THIS IS APPROPRIATE PARKING FOR A DEVELOPMENT OF THIS SIZE, AND SHOULD NOT INCREASE OR STRAIN THE EXISTING PARKING LOAD.

STATEMENT OF AFFORDABILITY

IT IS CLEAR THAT THE REGION IS EXPERIENCING AN AFFORDABLE HOUSING CRISIS. IT CONTINUES TO BE INCUMBENT ON CITIES, DEVELOPERS AND ARCHITECTS TO ADDRESS THIS CONTINUED NEED TO ALLOW FOR LOCAL OWNERSHIP IN A SOCIALLY RESPONSIBLE WAY. WE SEE THIS MOVEMENT MANIFEST ON THE LARGER LOTS WITHIN URBAN AND SUBURBAN CONTEXTS. INDEED, OUR IMMEDIATE ENVIRONS ARE SCATTERED WITH SINGLE FAMILY WITH SECONDARY SUITES AND DUPLEX DEVELOPMENTS TO ADDRESS THIS NEED.

OUR PROPOSAL IS NO EXCEPTION, BUT GOES A STEP FURTHER GIVEN THE CONTINUED UPWARD PRESSURE ON LAND AND BUILDING COSTS. AS THE SUBJECT LOT IS ZONED TODAY, IT WOULD ALLOW FOR A SINGLE FAMILY RESIDENCE OF ABOUT 3065 SQ FT ABOVE GRADE AREA. A HOME OF THIS SIZE, COMPLETE WITH AN IN-GROUND BASEMENT ON A 50 FOOT LOT WOULD BE QUITE COSTLY TO PURCHASE. OUR MODEST PROPOSAL WOULD ALLOW FOR THREE MORE MANAGEABLE UNITS SHARING A MODEST ABOVE GRADE FLOOR AREA OF 3415 SQ FT, OR ABOUT 1138 SQ FT PER UNIT + 510 SQ FT BASEMENTS PER UNIT. IN THE END THIS CREATES THREE UNITS, WITH SEPARATE ENTRIES AND OUTDOOR SPACES. THE UNITS ARE LARGE ENOUGH TO HOUSE 4 BEDROOMS, SO BIG ENOUGH FOR MOST FAMILIES.

AMORTIZING THE COST OF THE LAND AND LIMITING THE SUITE SIZE WILL HAVE A MARKED IMPACT ON THE AFFORDABILITY OF THESE UNITS.

STATEMENT OF SUSTAINABILITY

AT THE SCALE OF SINGLE FAMILY, DUPLEX AND TRIPLEX THERE ARE MANY OPPORTUNITIES TO PROMOTE SUSTAINABILITY IN DESIGN AND CONSTRUCTION. WE ARE ATTEMPTING TO BE FAIRLY PROGRESSIVE IN OUR PROPOSED DEVELOPMENT. BELOW ARE SOME OF THE FEATURES AND APPROACHES THAT WE WILL BE INCORPORATING INTO OUR PROPOSAL.

WHILE WE ARE NEEDING TO REMOVE TREES THAT ARE EITHER UNSUITABLE FOR RETENTION OR ARE WITHIN OUR BUILDING FOOTPRINTS, WE ARE ALSO PROPOSING TO ADD 5 TREES TO THE SITE. IN ADDITION TO THE ADDED TREES OUR LANDSCAPE PLAN HAS BEEN DEVELOPED TO HAVE REDUCED LAWN AREAS IN FAVOUR OF MORE DENSELY PLANTED AREAS. ALSO, WITHIN THE GARDEN WE ARE PROPOSING A HIGH EFFICIENCY, LOW VOLUME IRRIGATION SYSTEM. WE FELT THIS WAS VERY IMPORTANT GIVEN THE CONTINUED STRAIN ON OUT REGIONAL WATER RESOURCE DURING THE SUMMER SEASON. OTHER

IN TERMS OF CONSTRUCTION THE MAJORITY OF OUR MATERIALS WILL BE NON-TOXIC AND/OR WOOD. OUR APPLIANCES AND PLUMBING FIXTURES ARE ALL PROPOSED TO BE EITHER ENERGY EFFICIENT OR WATER EFFICIENT. WE ARE ALSO DESIGNING TO BC ENERGY STEP CODE 3. COMPLYING TO THIS MORE AGGRESSIVE LEVEL WILL RESULT IN A VERY WELL SEALED STRUCTURE WITH HIGHLY EFFICIENT ENERGY USAGE.

IN TERMS OF "HUMAN POTENTIAL" WE EXCEED THE RECOMMENDED MIN 10% OF UNITS TO BE 3 BEDROOM UNITS BY OFFERING ALL UNITS WITH 4 BEDROOMS.

FEATURES IN THE LANDSCAPE THAT WE ARE PROUD OF ARE AN EXTENSIVE STORM DETENTION AND INFILTRATION CHAMBER SYSTEM.

CPTED APPROACH

WITH OUR GROUND ORIENTED RESIDENTIAL APPROACH, EACH UNIT HAS A CLEAR VIEW OF THEIR PRIVATE YARDS. WE ARE ALSO PROVIDING LOWER LEVEL PATHWAY LIGHTING THROUGHOUT AND WALL MOUNTED BUILDING LIGHTING FOR HEIGHTENED VISIBILITY. LASTLY WE HAVE ELECTED TO HAVE LARGE SIDE YARD SETBACKS FOR THE GARAGE TO DISCOURAGE DARK CORRIDORS AND FULL VISIBILITY THROUGH TO THE LANE.



SUBJECT PROPERTYY

SUBJECT PROPERTYY







PROPOSED SOUTH STREETSCAPE

NOT TO SCALE
SOURCE: GOOGLE STREETVIEW





PROPOSED NORTH ELEVATION

NOT TO SCALE



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Revisions

No.	Date	Details	Ву
1	MAR 25 21	PRE-CONSULT	HAI
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12	MAR 15 23	COORDINATION	НДІ
13	MAR 31 23	RZ DP AMEND	HAI

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259 EAST 23RD STREET CITY OF NORTH VANCOUVER

Drawing Title

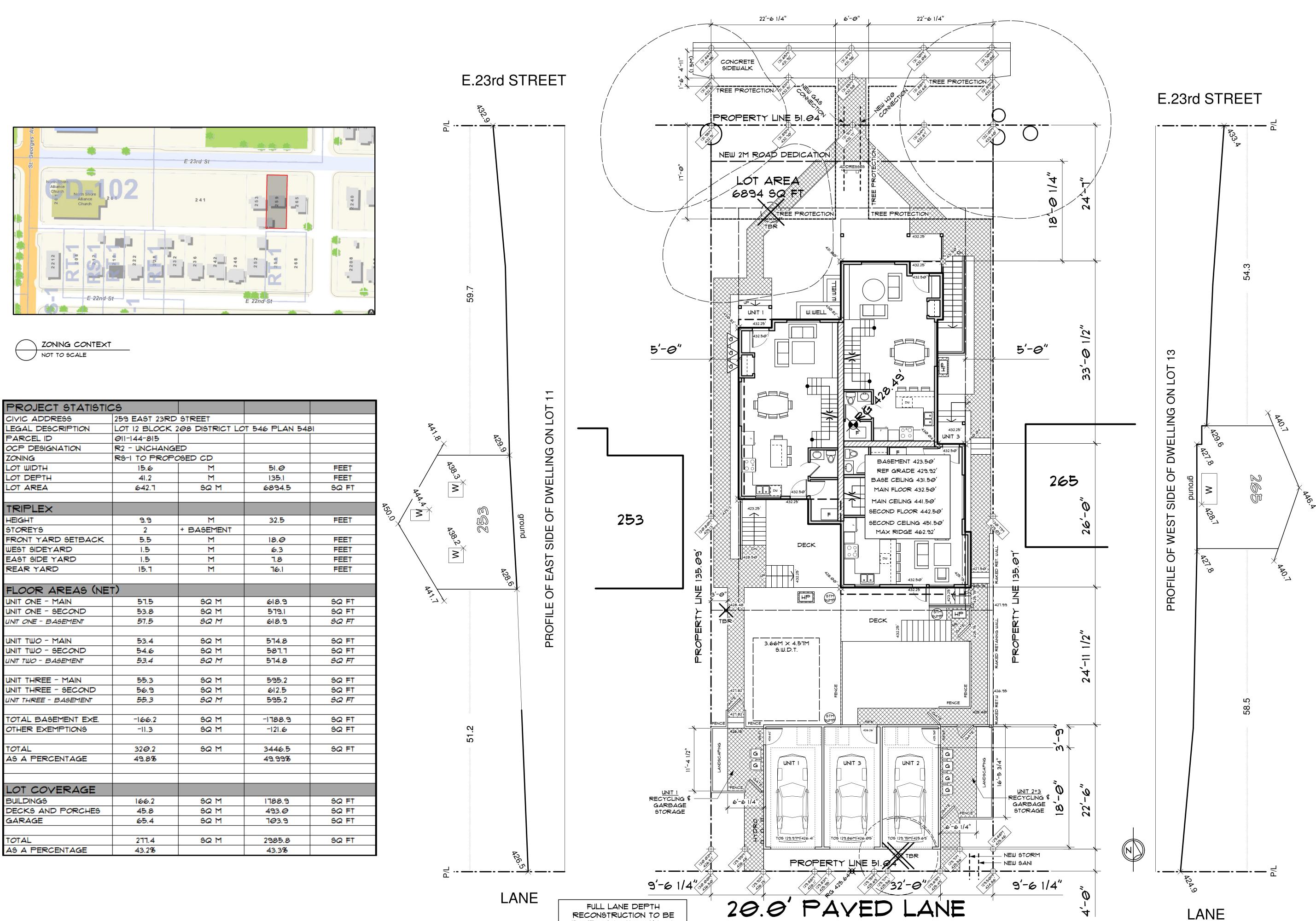
CONTEXT MAP
STREETSCAPE REVIEW
CHARACTER SKETCH
DESIGN RATIONALE

Date JAN 26 2021	Project No. 2119
Scale	Drawing No.
Drawn By	A1.0
Approved By ✓JM	

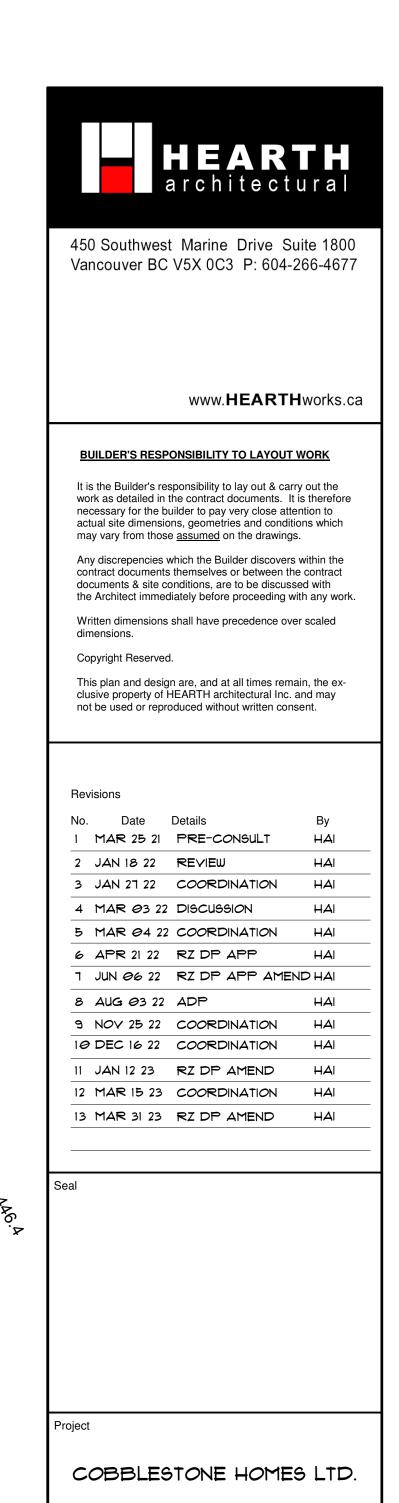
EXISTING NORTH STREETSCAPE

NOT TO SCALE
SOURCE: GOOGLE STREETVIEW

EAST 23RD STREET



DONE ON SOUTH HALF OF LANE ADJACENT TO THE SITE



Drawing Title

SITE PLAN

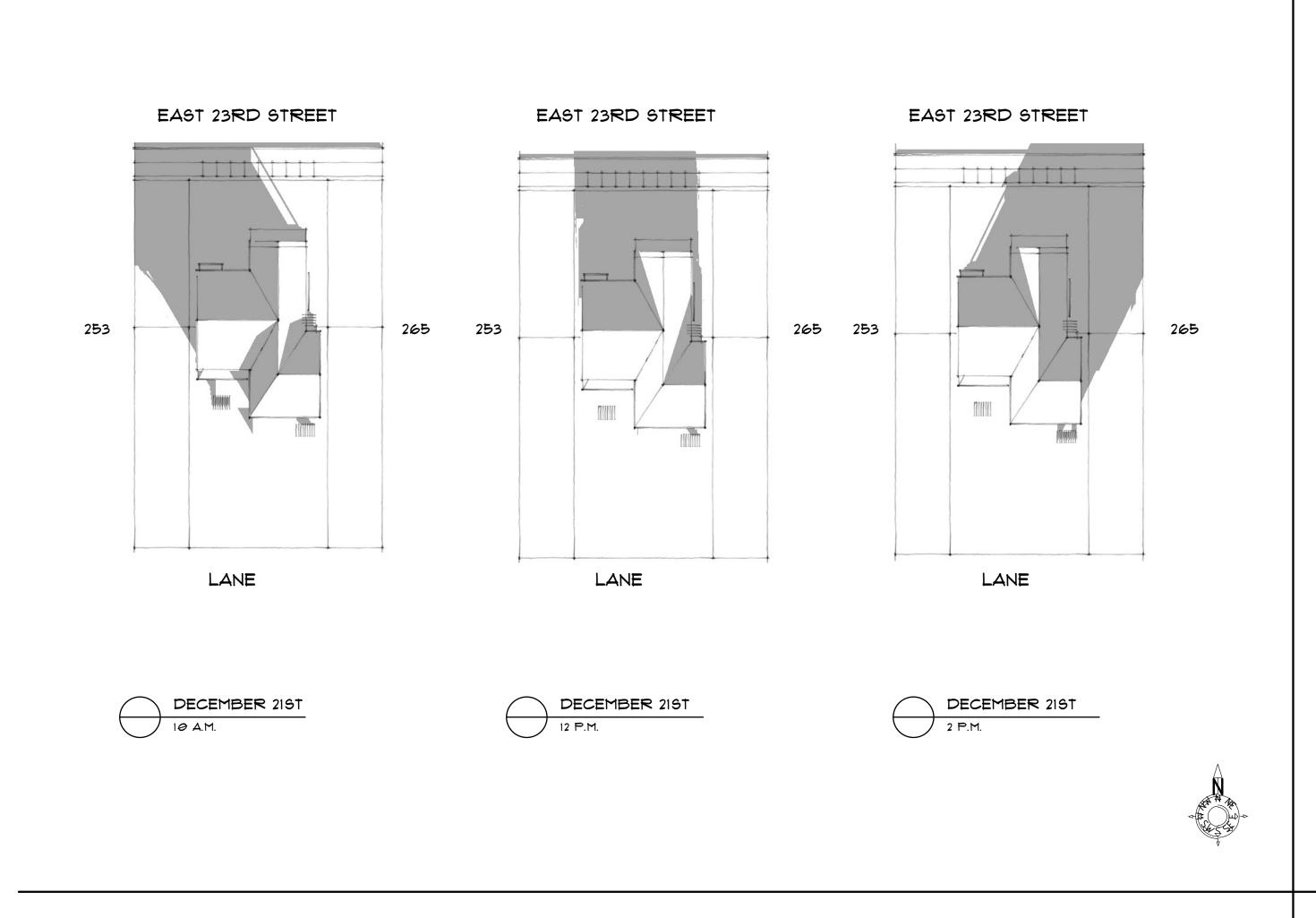
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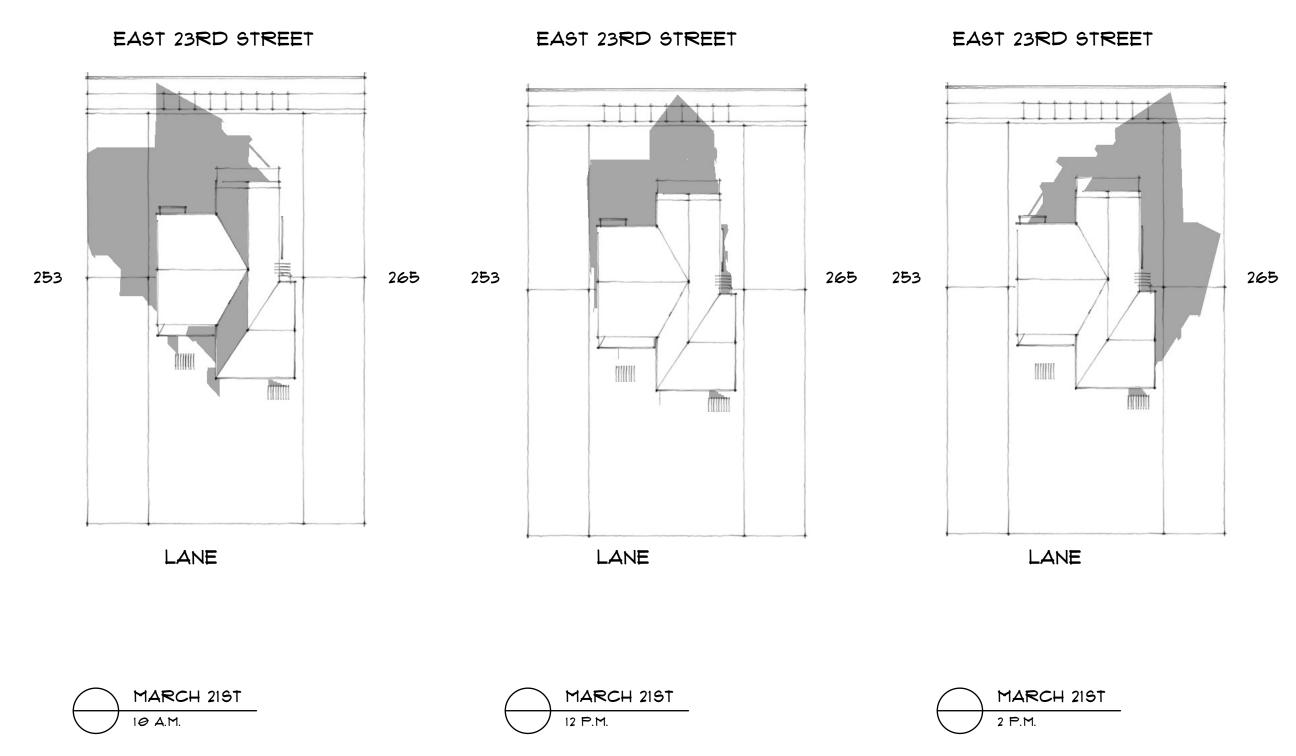
CITY OF NORTH YANCOUVER

CONTEXT

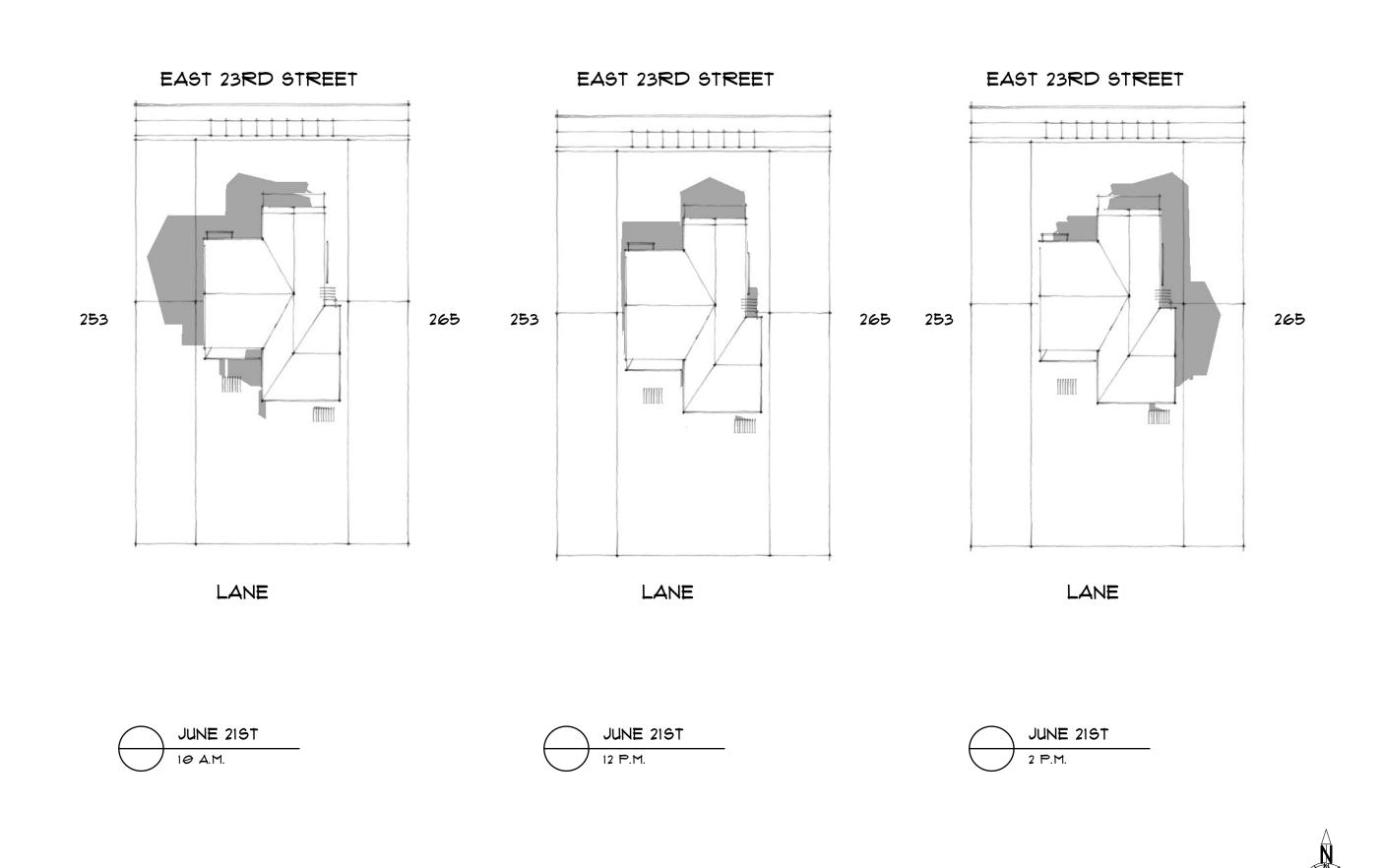
Date	Project No.
JAN 26 2021	2119
Scale 1/8"=1'-⊘"	Drawing No.
Drawn By	A 1.1
Approved By	

VJM















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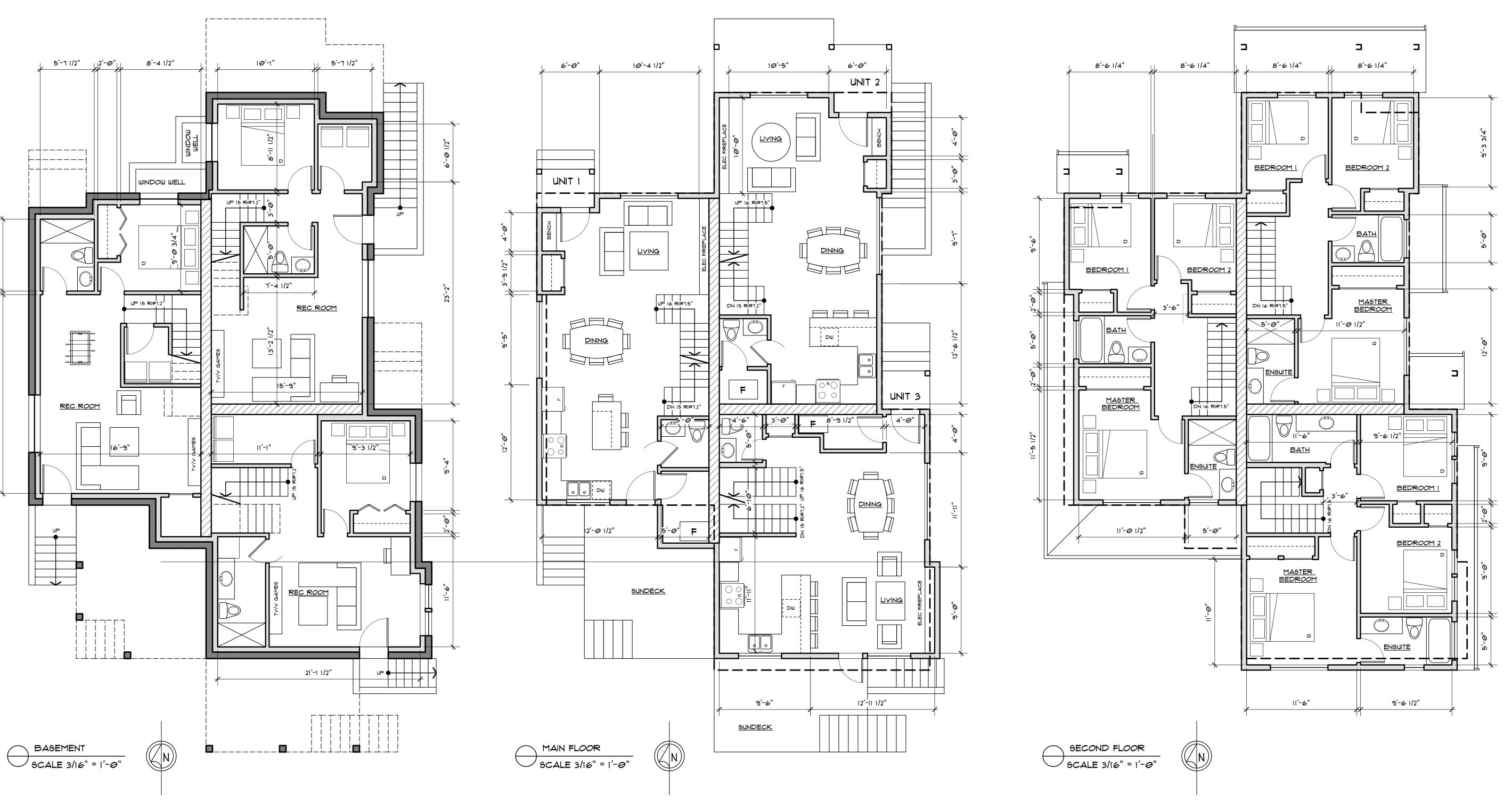
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Drawing Title

SHADOW STUDY

Date	Project No.
JAN 26 2021	2119
Scale	Drawing No.
Drawn By	
HAI	A1.2
Approved By	
VJM	







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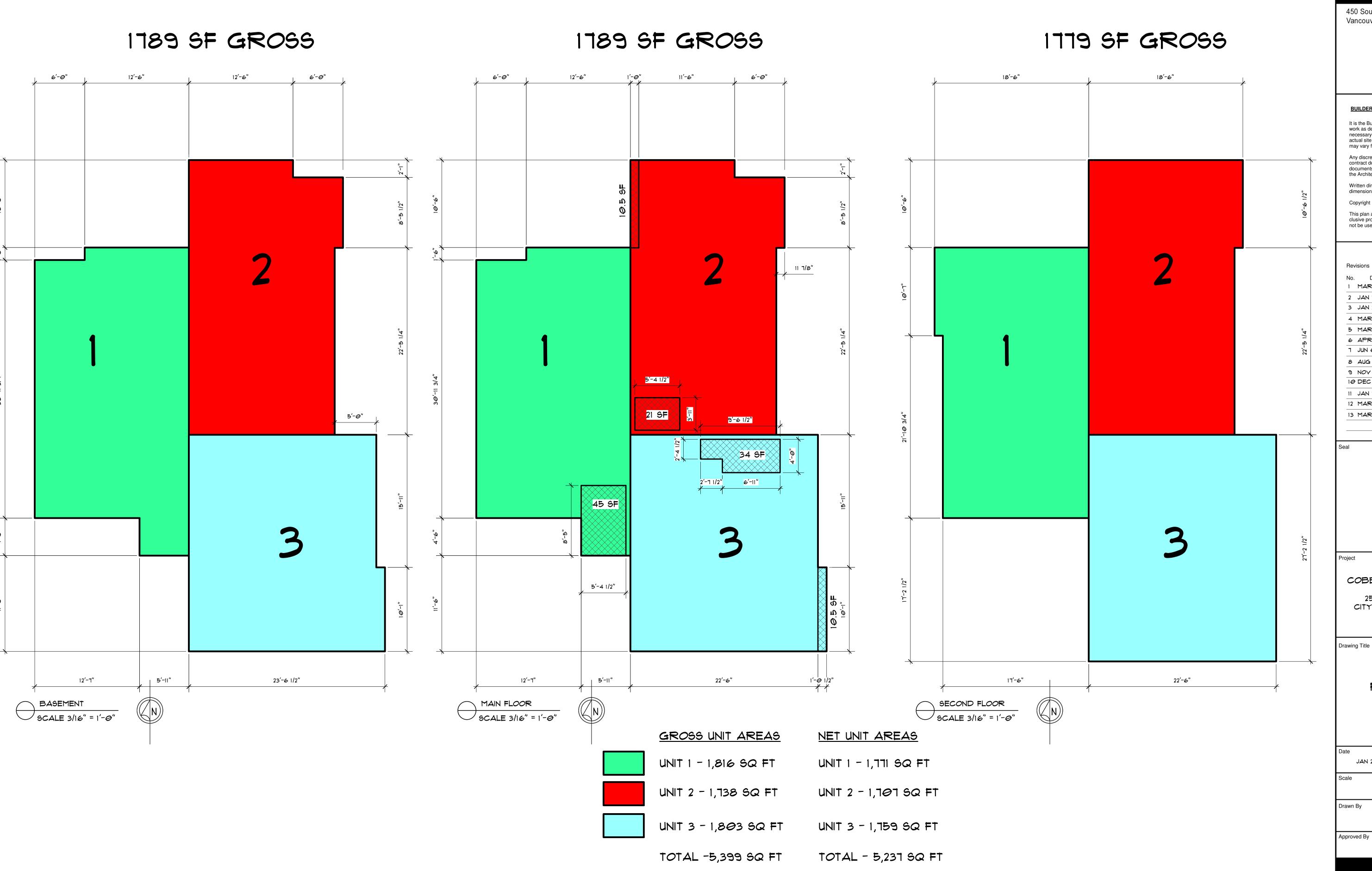
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Drawing Title

SCHEMATIC FLOOR PLAN

JAN 26 2021 2119	
Scale Drawing No.	
Drawn By HAI A2.6	>
Approved By ✓JM	





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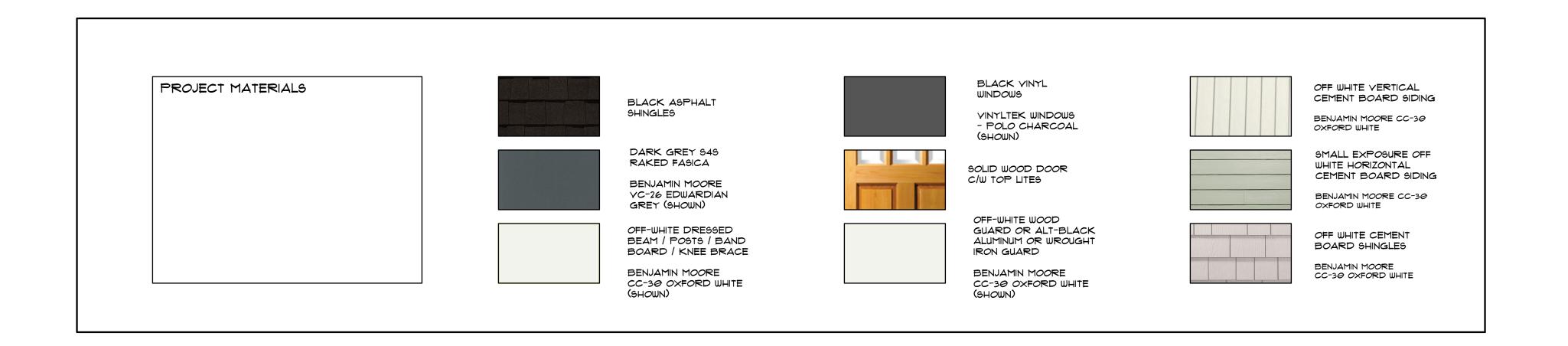
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FSR OVERLAY

Date JAN 26	2021	Project No.	
Scale		Drawing No.	
Drawn By	НАІ	A2.1	
Approved By	VJM		





423.25 BASEMENT

EAST ELEVATION

SCALE: 1/8" = 1'-0"

423.25 BASEMENT

SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



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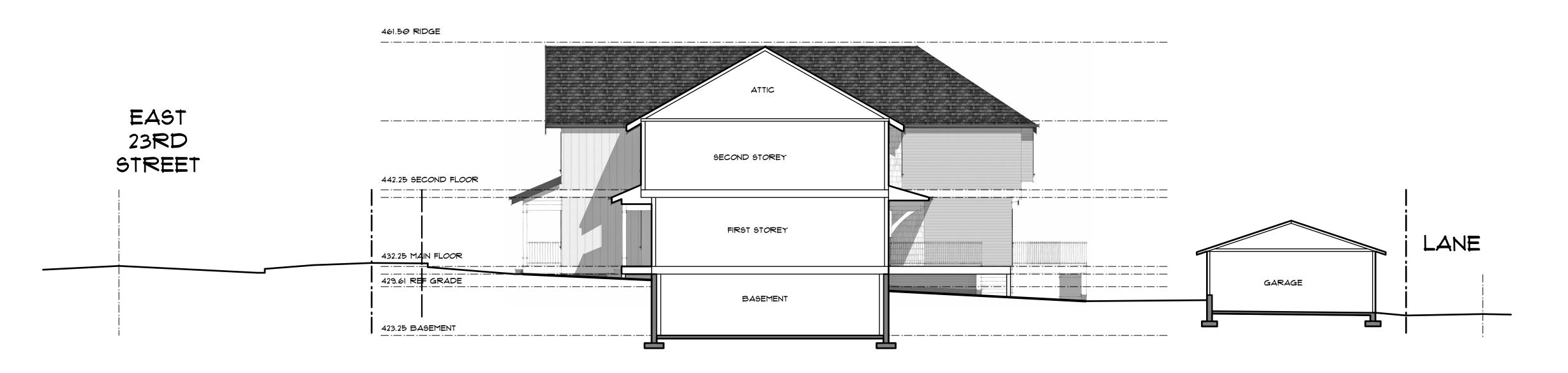
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Drawing Title

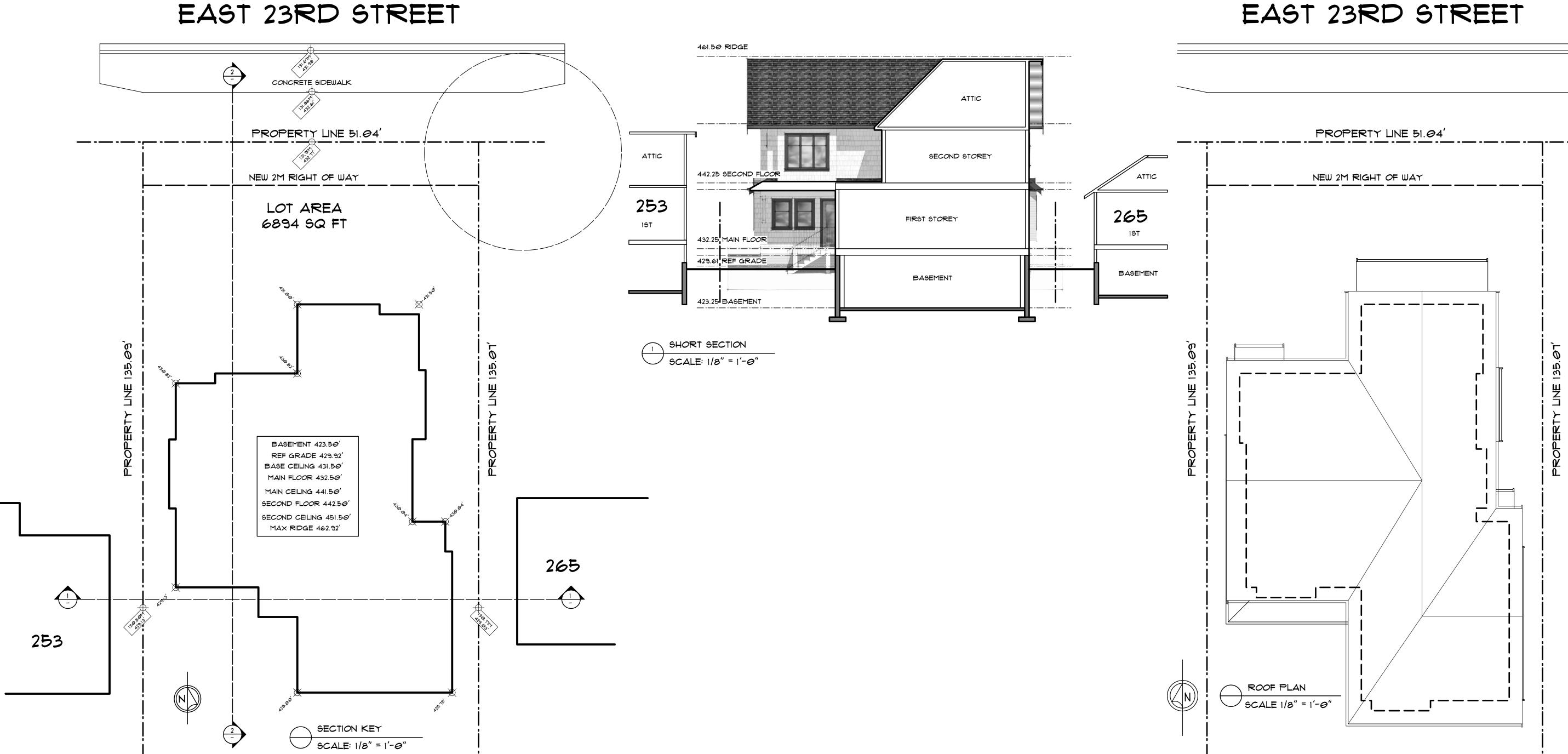
SCHEMATIC ELEVATIONS

Date	Project No.
JAN 26 2021	2119
Scale 1/8"=1'-⊘"	Drawing No.
Drawn By HA I	A30
	A3.0
Approved By ✓JM	



LONG SECTION

SCALE: 1/8" = 1'-0





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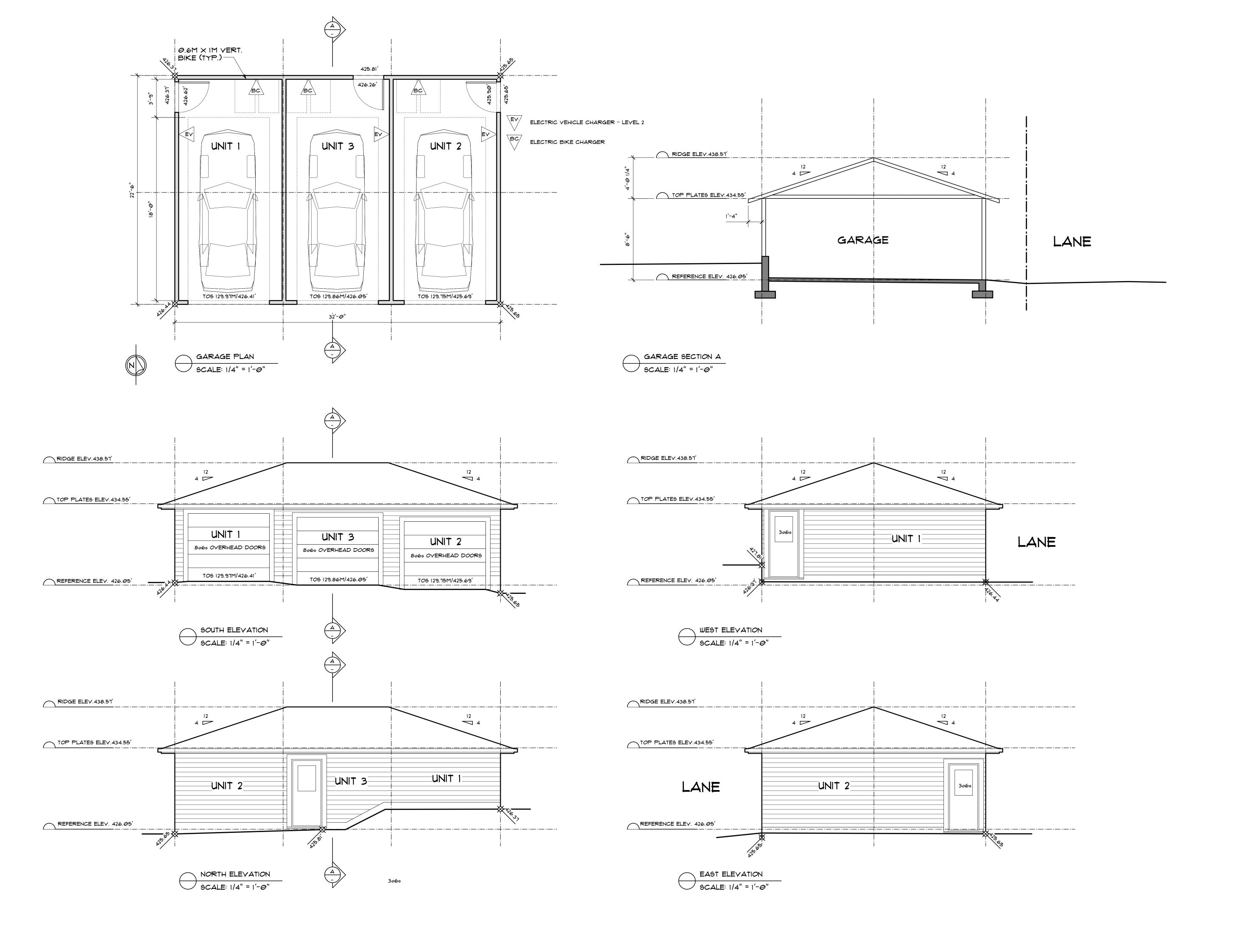
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Drawing Title

SCHEMATIC SECTIONS ROOF PLAN

Date	Project No.
JAN 26 2 <i>0</i> 21	2119
Scale 1/8"=1'-@"	Drawing No.
Drawn By	A4.6
Approved By	
∨JM	





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13	MAR 31 23	RZ DP AMEND	ΗДІ

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Drawing Title

GARAGE

Date JAN 26 2021	Project No.
Scale 1/4"=1'-⊘"	Drawing No.
Drawn By	A6.E
Approved By	