

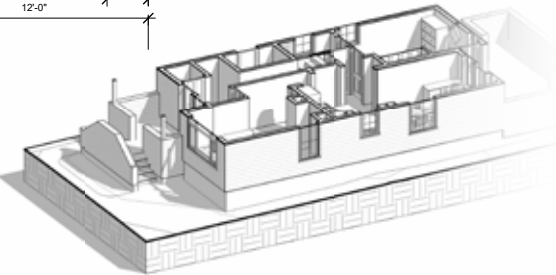
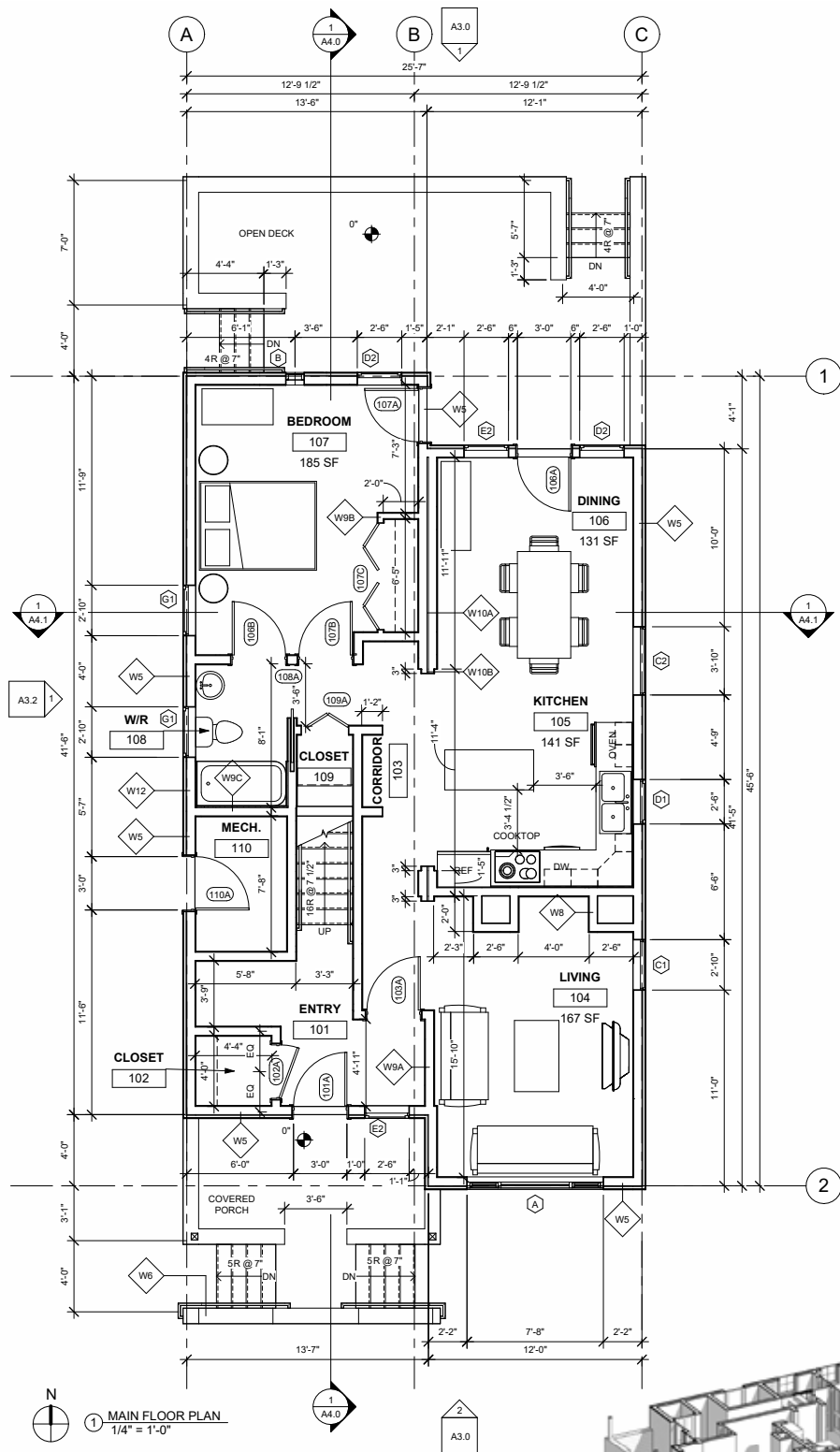


CAROLYN RAPANOS

PORTFOLIO

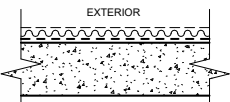
- 1–5 DRAFTING
- 6–7 3D MODELLING + RENDERING
- 8–11 GRAPHIC DESIGN + PRESENTATION
- 12–13 THEATRE SET DESIGNS
- 14 SCALE MODELS
- 15–18 HAND DRAWING
- 19 RESUME

CAROLYNRAPANOS.CA
CAROLYNRAPANOS@GMAIL.COM
778-847-2729



WALL ASSEMBLIES

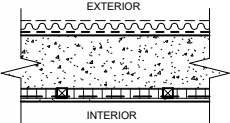
W1



TYPICAL CONCRETE FOUNDATION WALL (UNINSULATED)

- EXTERIOR
- COMPOSITE DRAINAGE LAYER, W/ FILTER FABRIC CLOTH
- 2 COATS ASPHALT DAMPROOFING (CONTINUOUS BELOW GRADE)
- 8" THICK REINFORCED CONCRETE WALLS (REFER TO STRUCT.)
- INTERIOR

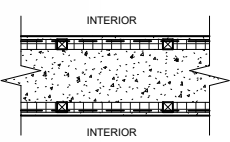
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TYPICAL CONCRETE FOUNDATION WALL (INSULATED)

- EXTERIOR
- COMPOSITE DRAINAGE LAYER, W/ FILTER FABRIC CLOTH
- 2 COATS ASPHALT DAMPROOFING (CONTINUOUS BELOW GRADE)
- 8" THICK REINFORCED CONCRETE WALLS (REFER TO STRUCT.)
- 2X2 WOOD STRAPPING @ 16" O.C. / 1-1/2" RIGID INSULATION
- VAPOUR BARRIER
- 1/2" GYPSUM WALLBOARD
- INTERIOR

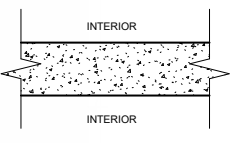
W3



INTERIOR CONCRETE FOUNDATION WALL (UNINSULATED)

- INTERIOR
- 1/2" GYPSUM WALLBOARD
- VAPOUR BARRIER
- 2X2 WOOD STRAPPING @ 16" O.C. / 1-1/2" RIGID INSULATION
- 8" THICK REINFORCED CONCRETE WALLS (REFER TO STRUCT.)
- 2X2 WOOD STRAPPING @ 16" O.C. / 1-1/2" RIGID INSULATION
- VAPOUR BARRIER
- 1/2" GYPSUM WALLBOARD
- INTERIOR

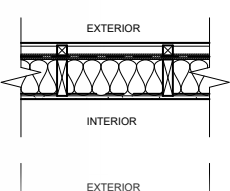
W4



INTERIOR CONCRETE FOUNDATION WALL (UNINSULATED)

- INTERIOR
- 8" THICK REINFORCED CONCRETE WALLS (REFER TO STRUCT.)
- INTERIOR

W5



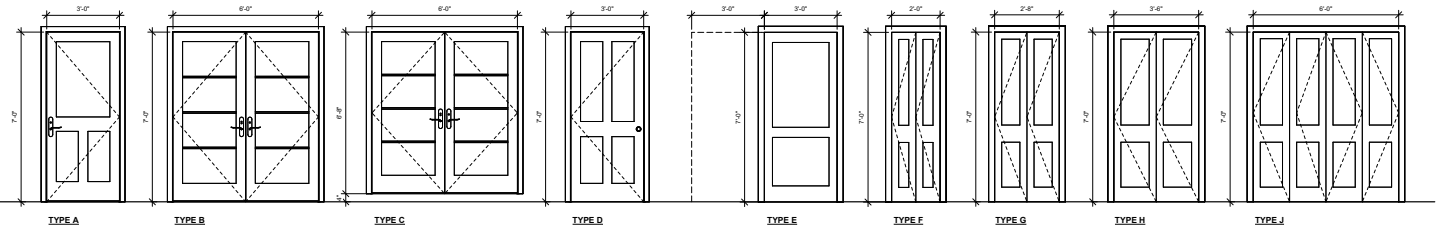
TYPICAL EXTERIOR FRAMED WALL

- EXTERIOR
- 6" HORIZONTAL CEDAR CLADDING
- 2X2 P.T. WOOD STRAPPING @ 16" O.C. / 1-1/2" AIR SPACE
- AIR / MOISTURE BARRIER
- 1/2" PLYWOOD SHEATHING
- 2X6 WOOD FRAMING @ 16" O.C. / BATT INSULATION
- VAPOUR BARRIER
- 1/2" GYPSUM WALLBOARD
- INTERIOR

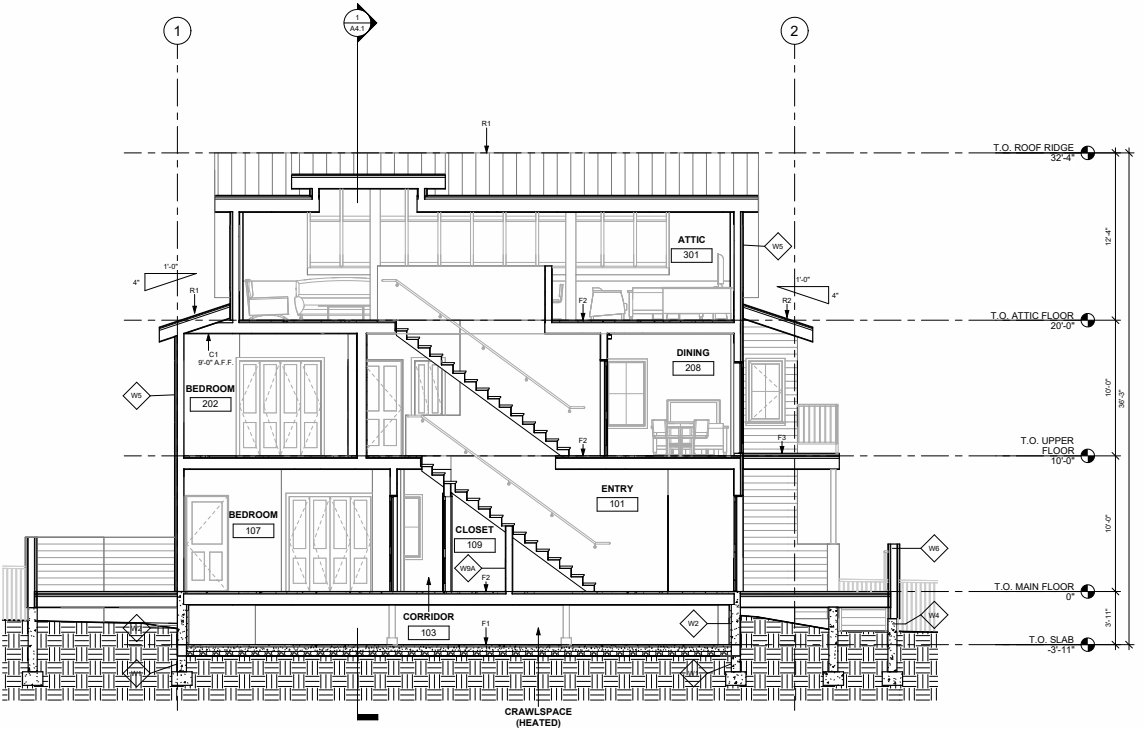
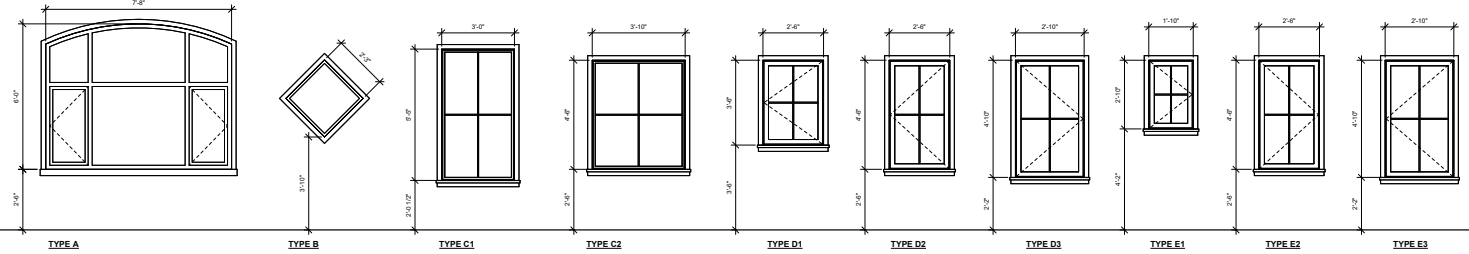
TYPICAL PORCH FRAMED WALL

- EXTERIOR
- 6" HORIZONTAL CEDAR CLADDING
- 2X2 P.T. WOOD STRAPPING @ 16" O.C. / 1-1/2" AIR SPACE
- AIR / MOISTURE BARRIER
- 1/2" PLYWOOD SHEATHING
- 2X6 WOOD FRAMING @ 16" O.C.
- 12" P.T. WOOD STRAPPING

DOOR TYPES

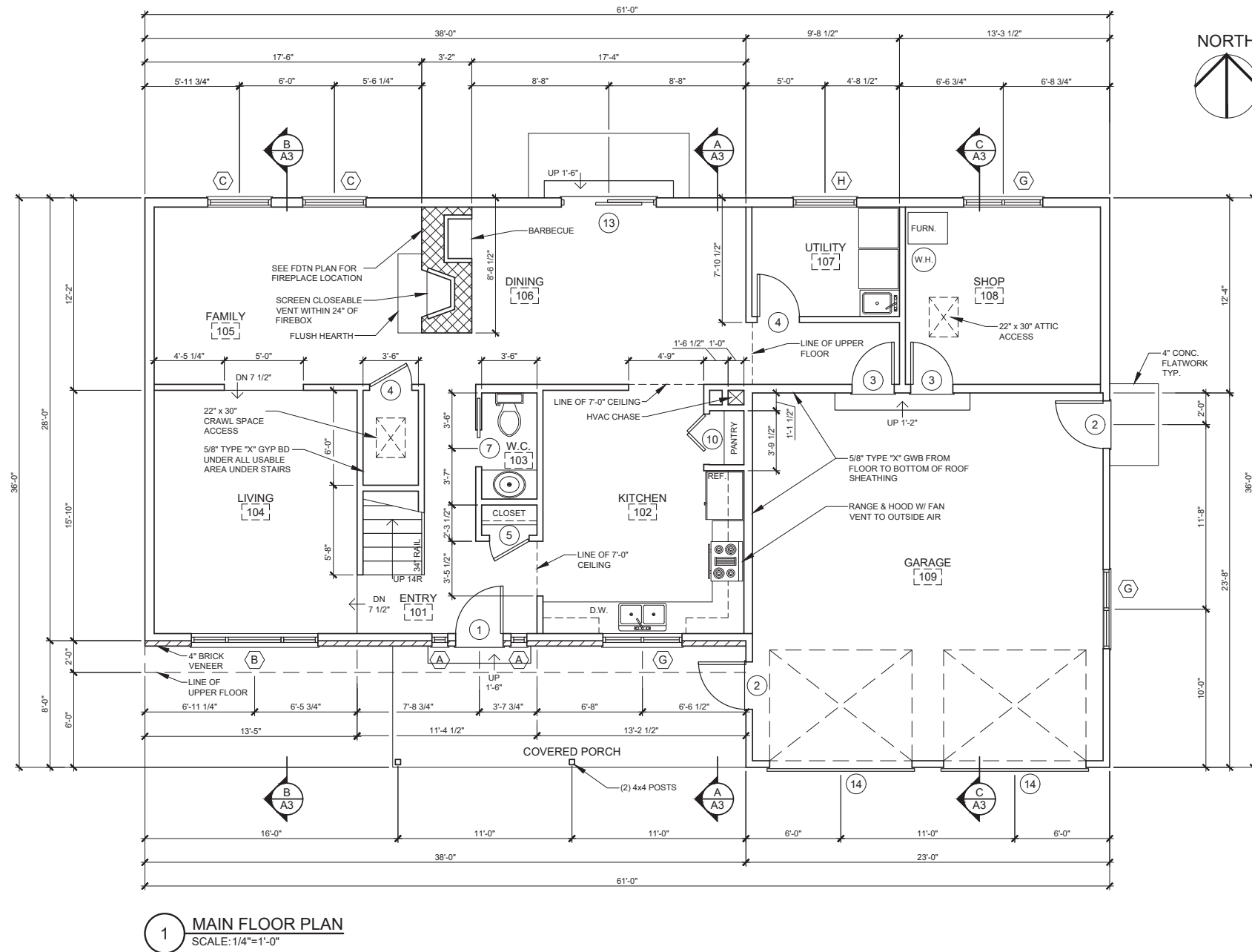


WINDOW TYPES

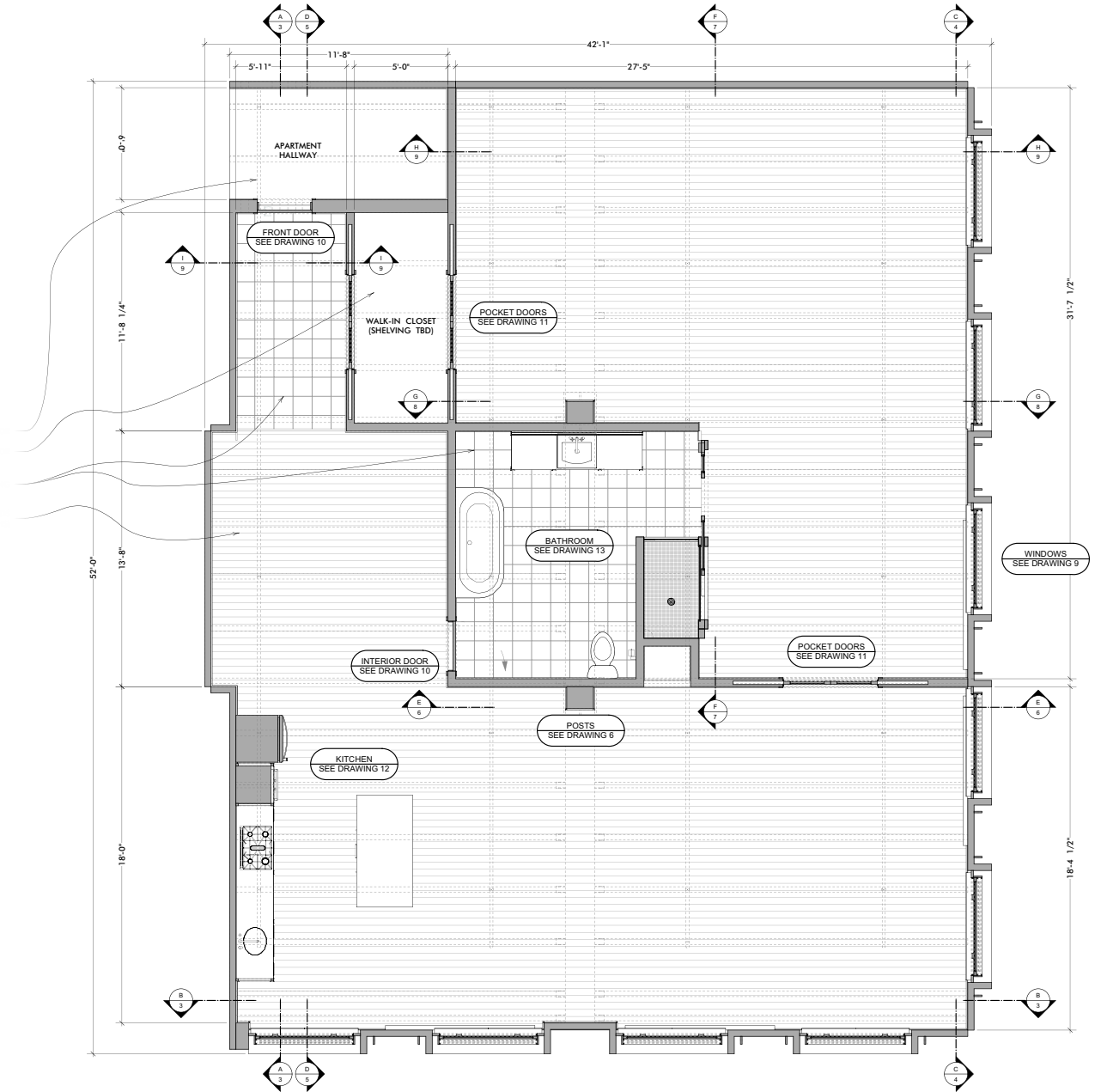


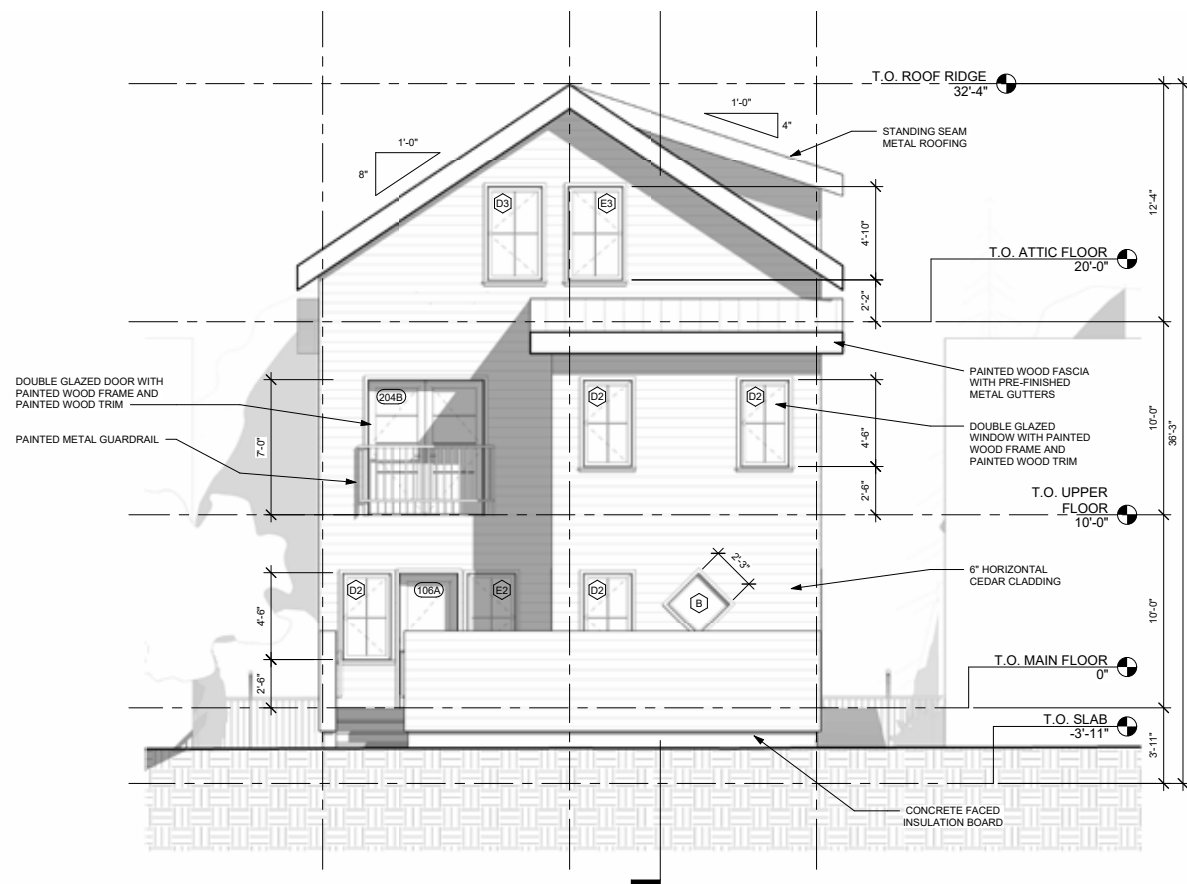
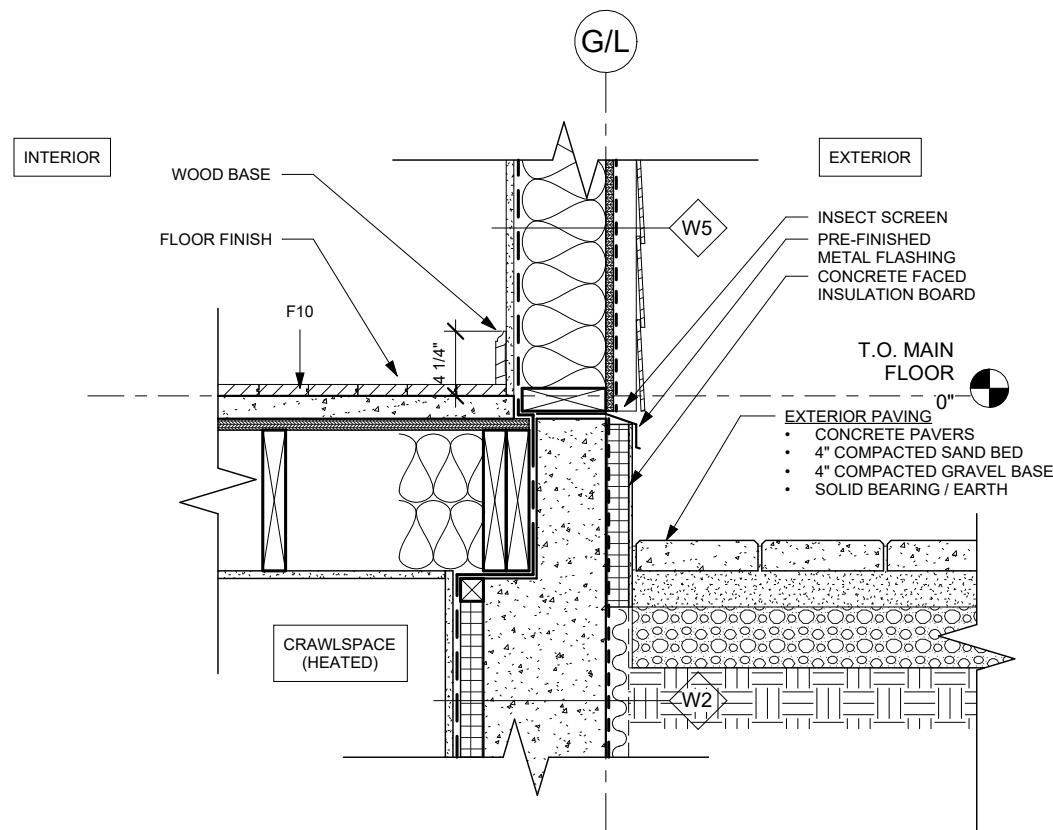
ROOM		DOOR SCHEDULE											
NO.	NAME	NO.	W.	H.	TY.	SW.	FIN.	GLAZ.	TY.	SW.	FIN.	F.R.R.	COMMENT
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102	CLOSET	102A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
103	CLOSET	103A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
104	LIVING	104A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
105	KITCHEN	105A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
106	DINING	106A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
107	BEDROOM	107A	3'-0"	7'-0"	D	WOOD PAINT	YES	D	WOOD PAINT	NO	D	WOOD PAINT	-
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MODELLED + DRAWN IN REVIT

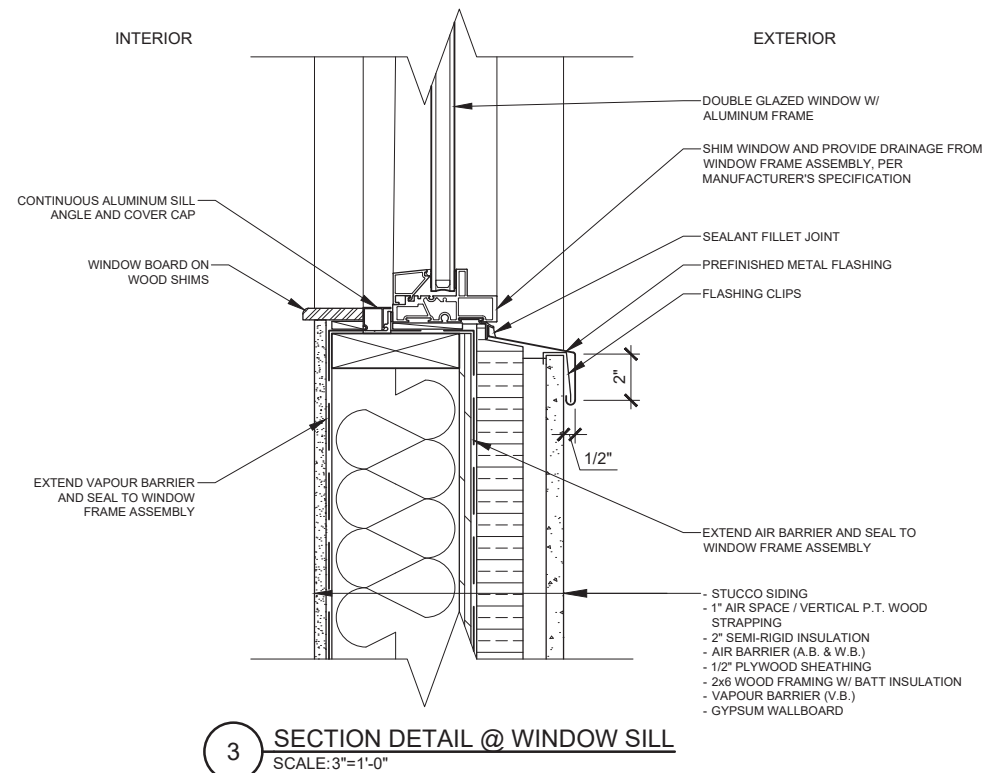
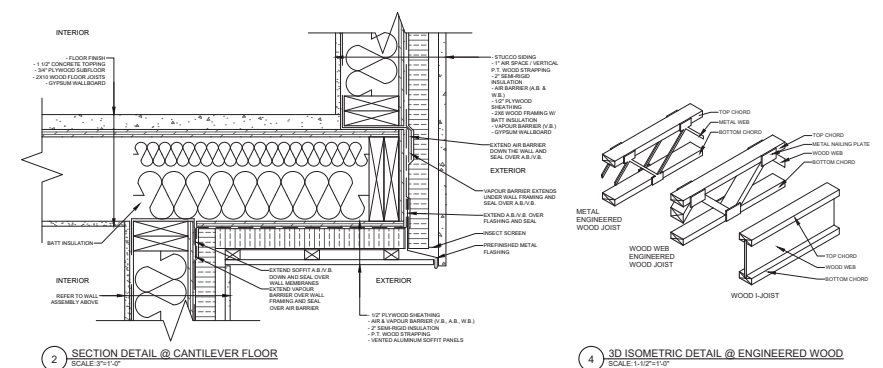
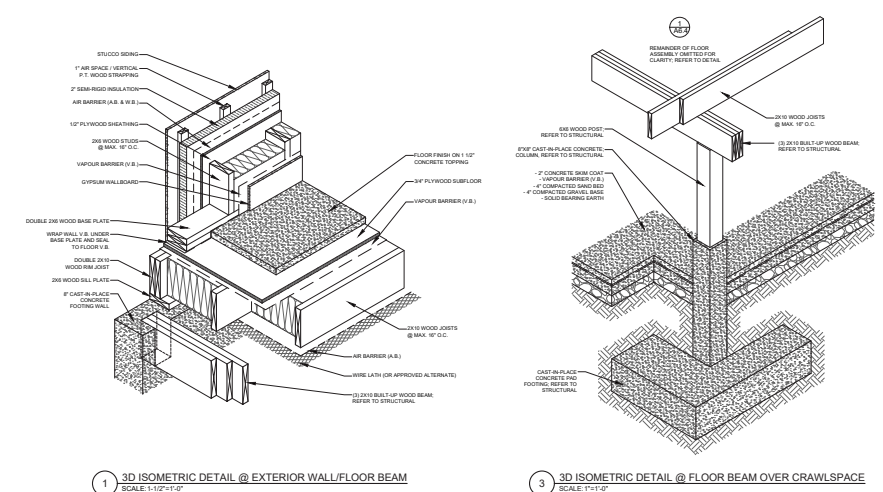


DRAWN IN AUTOCAD

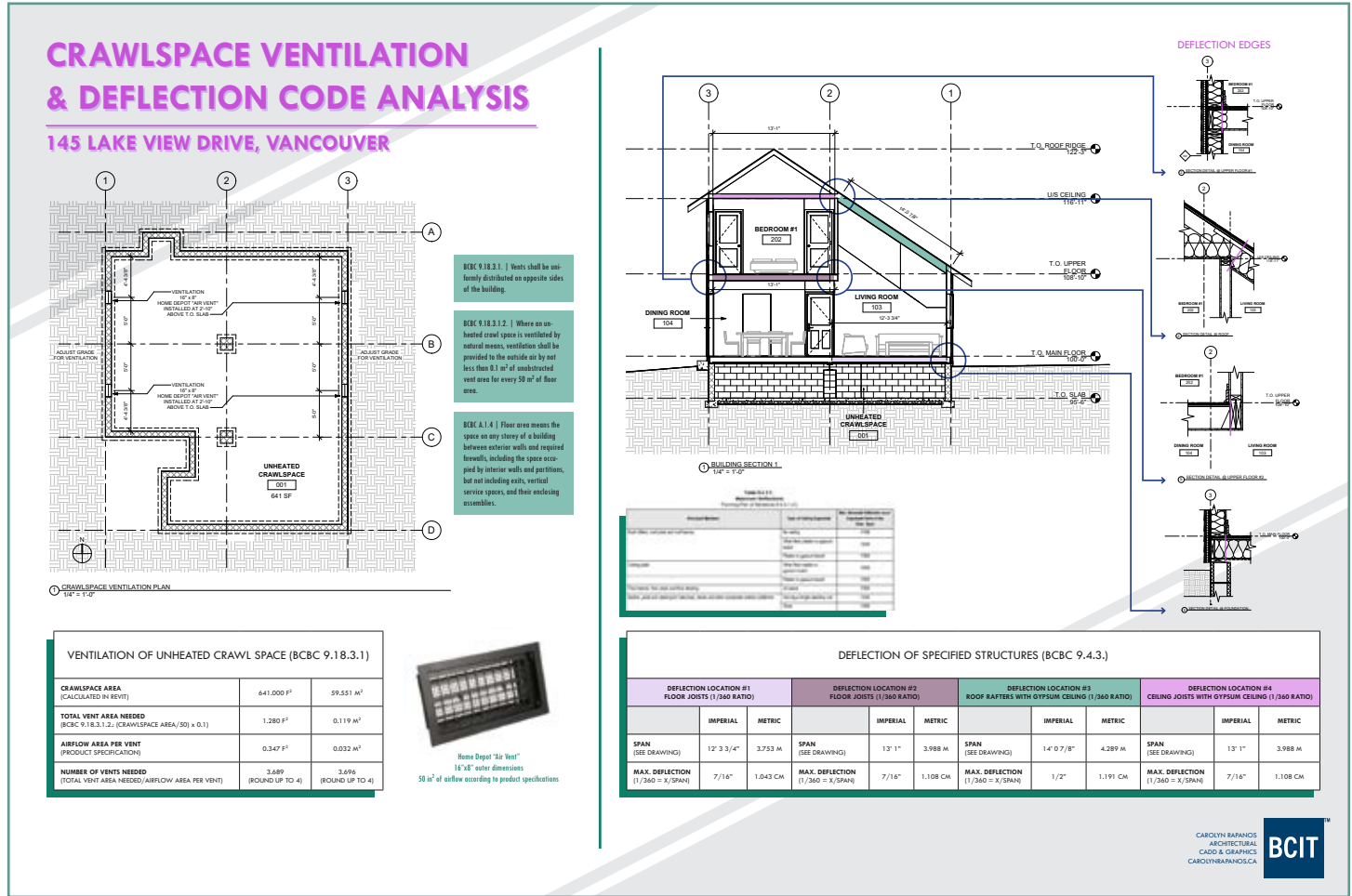




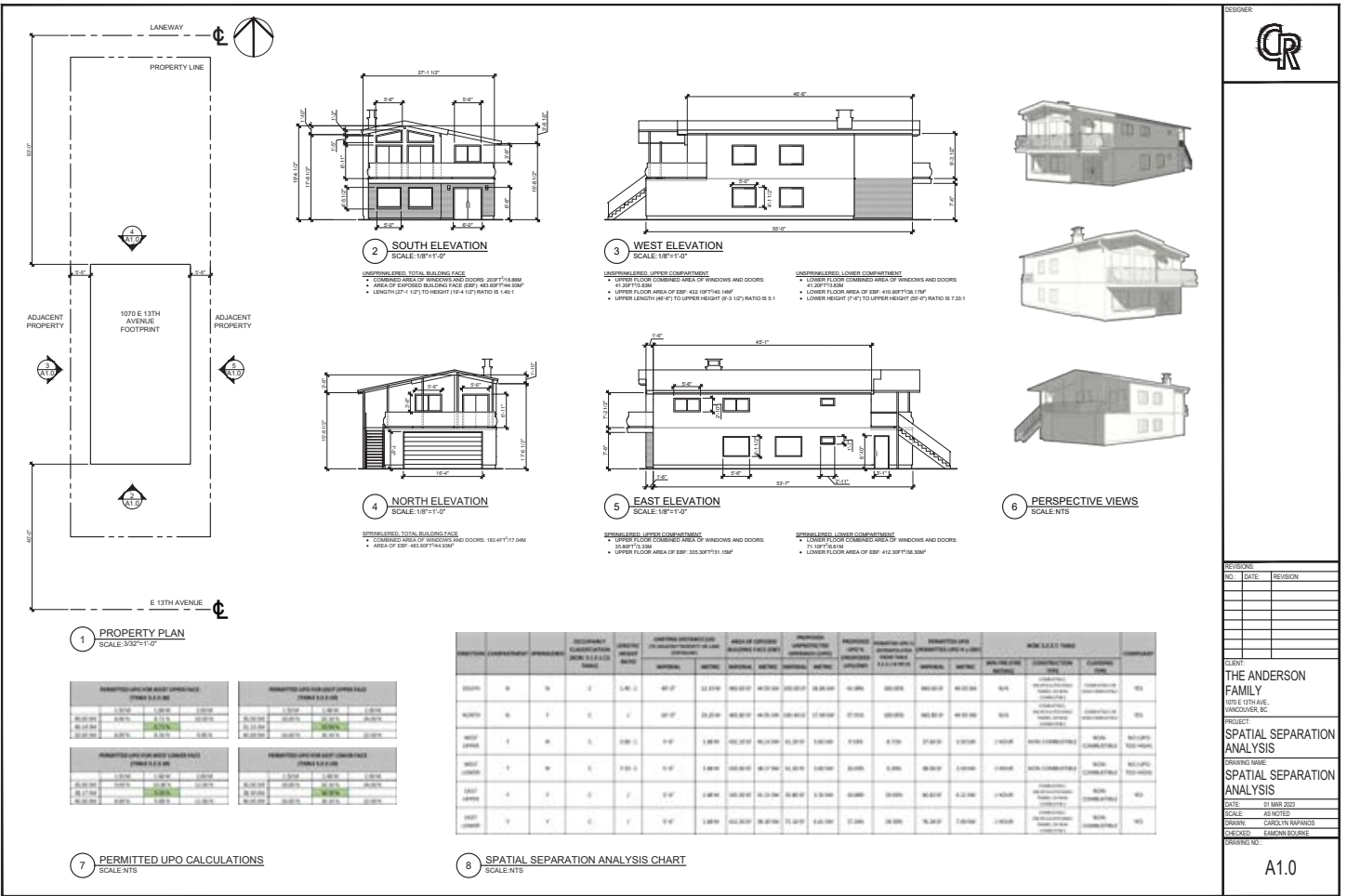
MODELLED + DRAWN IN REVIT



DRAWN IN AUTOCAD



DRAWN IN REVIT + INDESIGN



DRAWN IN AUTOCAD



MODELLED IN VECTORWORKS FOR FILM SET



MODELLED IN SKETCHUP



DESIGNED + MODELLED IN SKETCHUP; RENDERED IN ENSCAPE



MODELLED IN SKETCHUP, RENDERED IN ENSCAPE



CREATED WITH INDESIGN, PHOTOSHOP, SKETCHUP, ENSCAPE



CREATED WITH SKETCHUP + PHOTOSHOP



MODELLED IN SKETCHUP, COMPILED IN LAYOUT

MASONRY REPORT

BOND PATTERNS

- BOND PATTERNS ARE REPEATING DESIGNS CREATED WITH MASONRY UNITS (IN THIS CASE, BRICKS) AND MORTAR JOINTS
- THESE PATTERNS ARE CREATED BY LAYING BRICKS OUT IN DIFFERENT ORIENTATIONS AND OFTEN OFFSETTING OR STAGGERING THEM AT EACH COURSE (ROW)
- BRICKS WITHIN PATTERNS MAY BE IDENTIFIED AS STRETCHERS, HEADERS, SAILORS, SOLDIERS, SHINERS, OR ROWLOCKS (SEE SKETCH)
- PATTERN CHOICE WILL HAVE AN IMPACT ON THE STRUCTURE OF THE WALL AS WELL AS THE AESTHETIC
- PATTERNS NOT SHOWN BELOW INCLUDE DUTCH, HERRINGBONE, SPANISH, AND BOXED BASKETWEAVE, AMONG OTHERS

THE INDEPENDENT | KINGSWAY + BROADWAY | ACTON OSTRY ARCHITECTS | SCORPIO MASONRY | BROCK WHITE CONSTRUCTION MATERIALS MASONRY PRODUCTS

THIS BUILDING FEATURES A PATCHWORK EFFECT OF BRICKWORK USING EIGHT DIFFERENT BOND PATTERNS

TOP ROW (L-R): ENGLISH, FLEMISH, FLEMISH WITH RAISED HEADER, STACKED
 BOTTOM ROW (L-R): SOLDIER, RUNNING, BASKET, BASKET WITH RAISED STRETCHER

CAROLYN RAPANOS

METAL REPORT

COPPER

ARCHITECTURAL COPPER HAS BEEN USED FOR THOUSANDS OF YEARS FOR ROOFS, PANELS, DECORATIVE ELEMENTS, GUTTERS, FLASHING, ETC. THE MATERIAL IS RESISTANT TO CORROSION, DURABLE, & UNDERGOES MINIMAL THERMAL EXPANSION

COMMONLY USED IN UNALLOYED FORM. ALLOYS CAN BE BRASS (+ ZINC) & BRONZE (+ TIN)

INSTALLING A COPPER ROOF

DIMPLES PUNCHED INTO EDGES

COPPER PANEL WITH TURNED-UP EDGES

GRIP PLIERS CRIMPING EDGE

VANCOUVER ART GALLERY RENDERING
 DESIGNED BY HERZOG & DE MEURON

LATEST ITERATION IS COPPER-CLAD BUT PREVIOUS VERSIONS WERE WOOD & GLASS

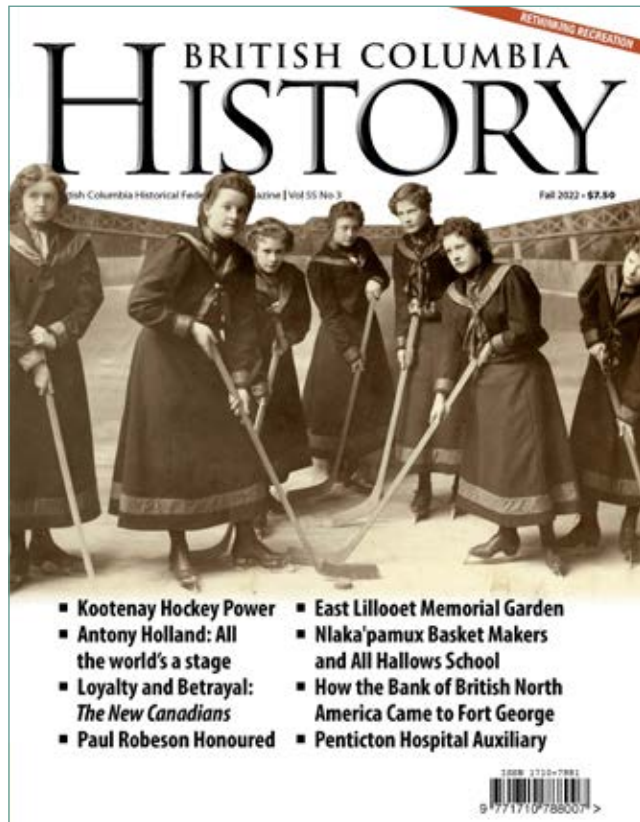
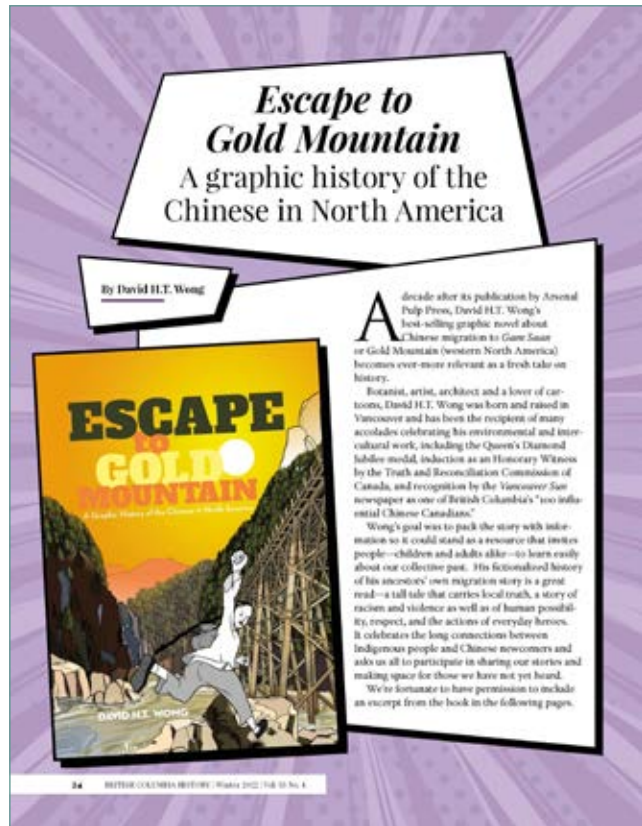
COPPER IS ANTIMICROBIAL SO IS INCREASINGLY USED ON HIGH-TOUCH SURFACES LIKE PUSH-PLATES

COPPER IS FAMOUS FOR ITS TURQUOISE PATINA WHICH FORMS NATURALLY IN 5-10 YEARS. HOWEVER, IT CAN ALSO BE CLEAR-COATED, GILDED, OR PAINTED.

4/5 | CAROLYN RAPANOS

Nakajima Residence

CREATED WITH PHOTOSHOP, INDESIGN, PROCREATE



CREATED WITH INDESIGN, ILLUSTRATOR, PHOTOSHOP FOR BC HISTORY MAGAZINE



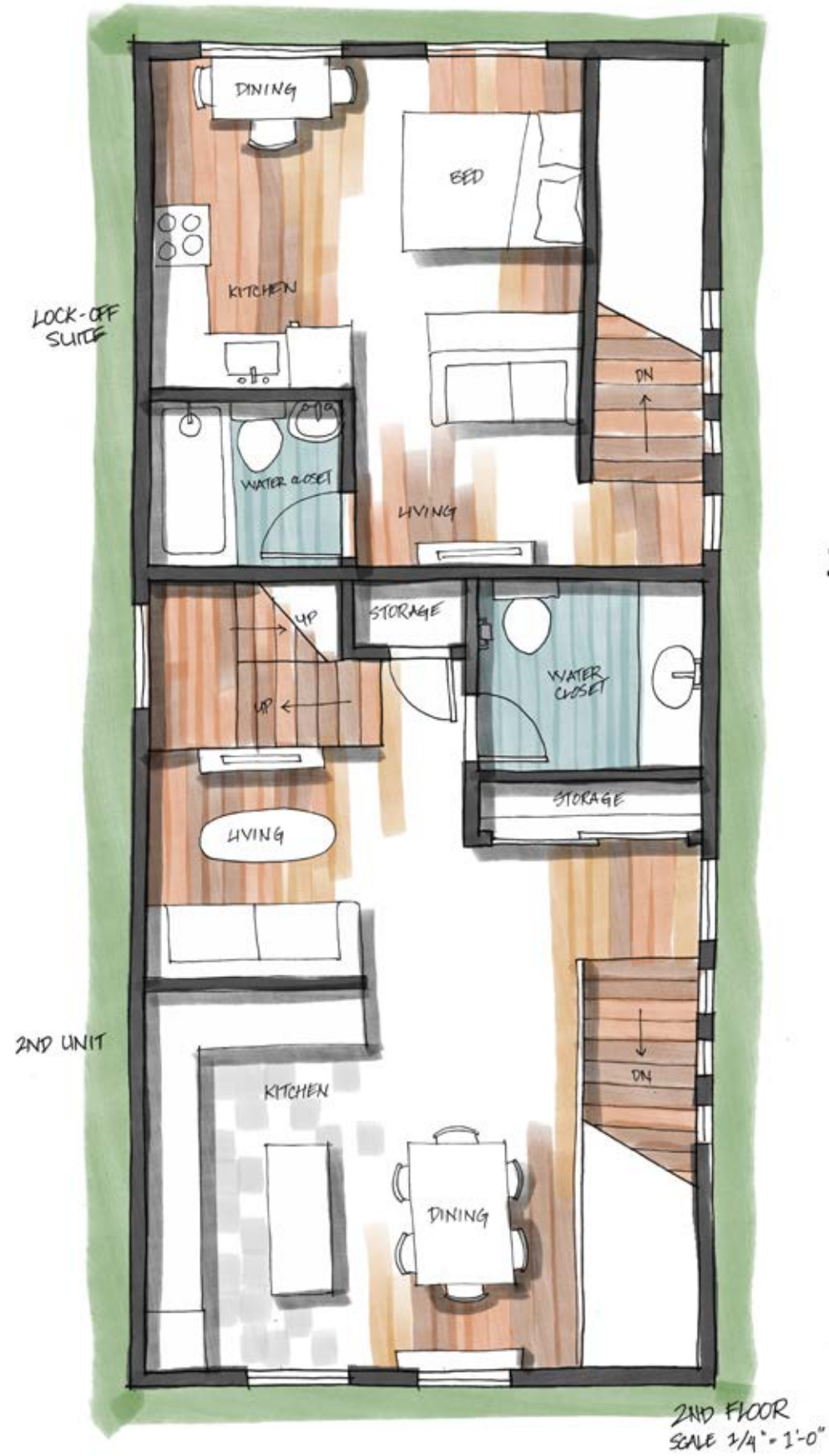
ALL OF MY DESIGNS WERE SUPPORTED BY DRAFTING SETS, DIGITAL AND PHYSICAL MODELS, AND SCHEDULES
I SUPERVISED EACH SET'S CONSTRUCTION, INSTALLATION, AND USE IN REHEARSALS

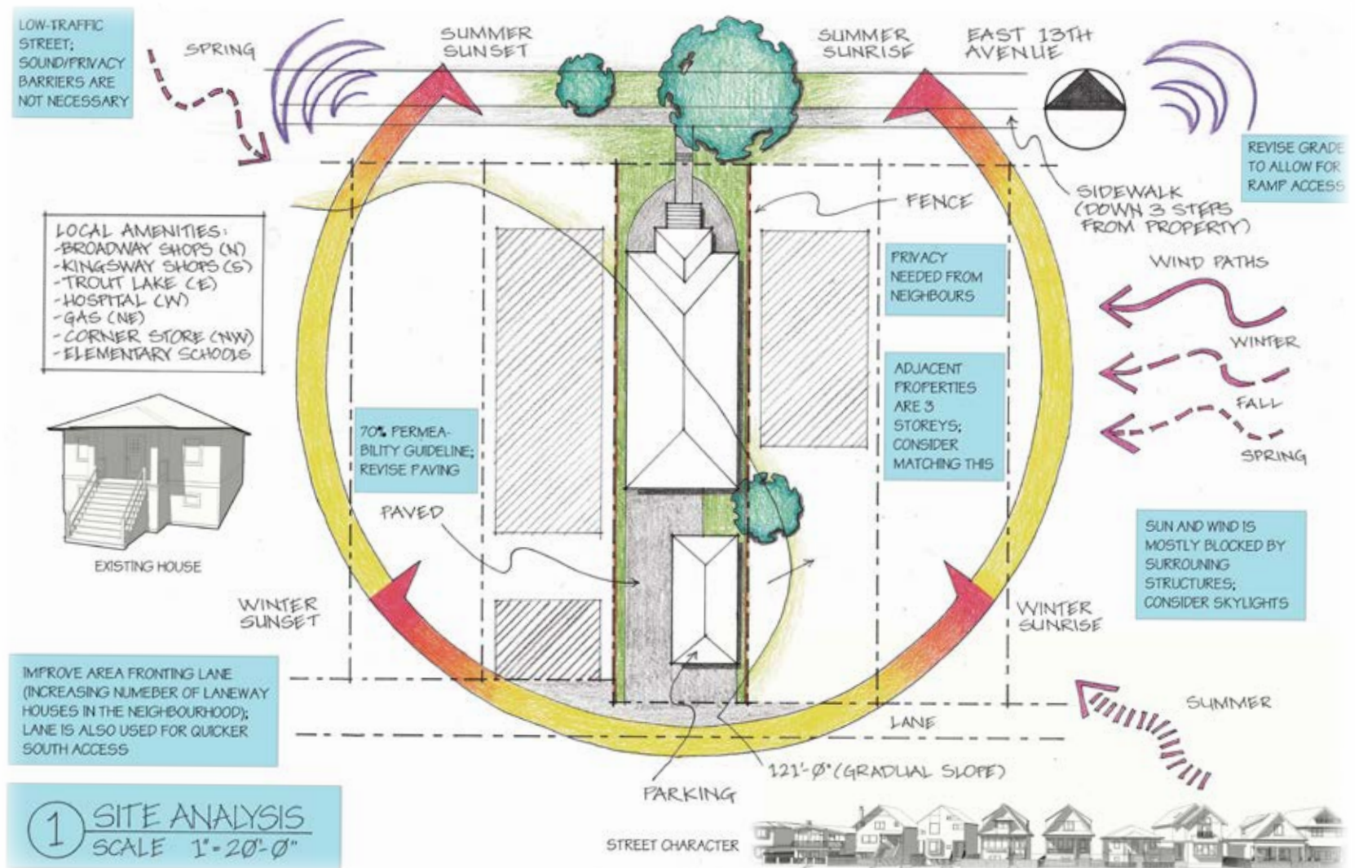
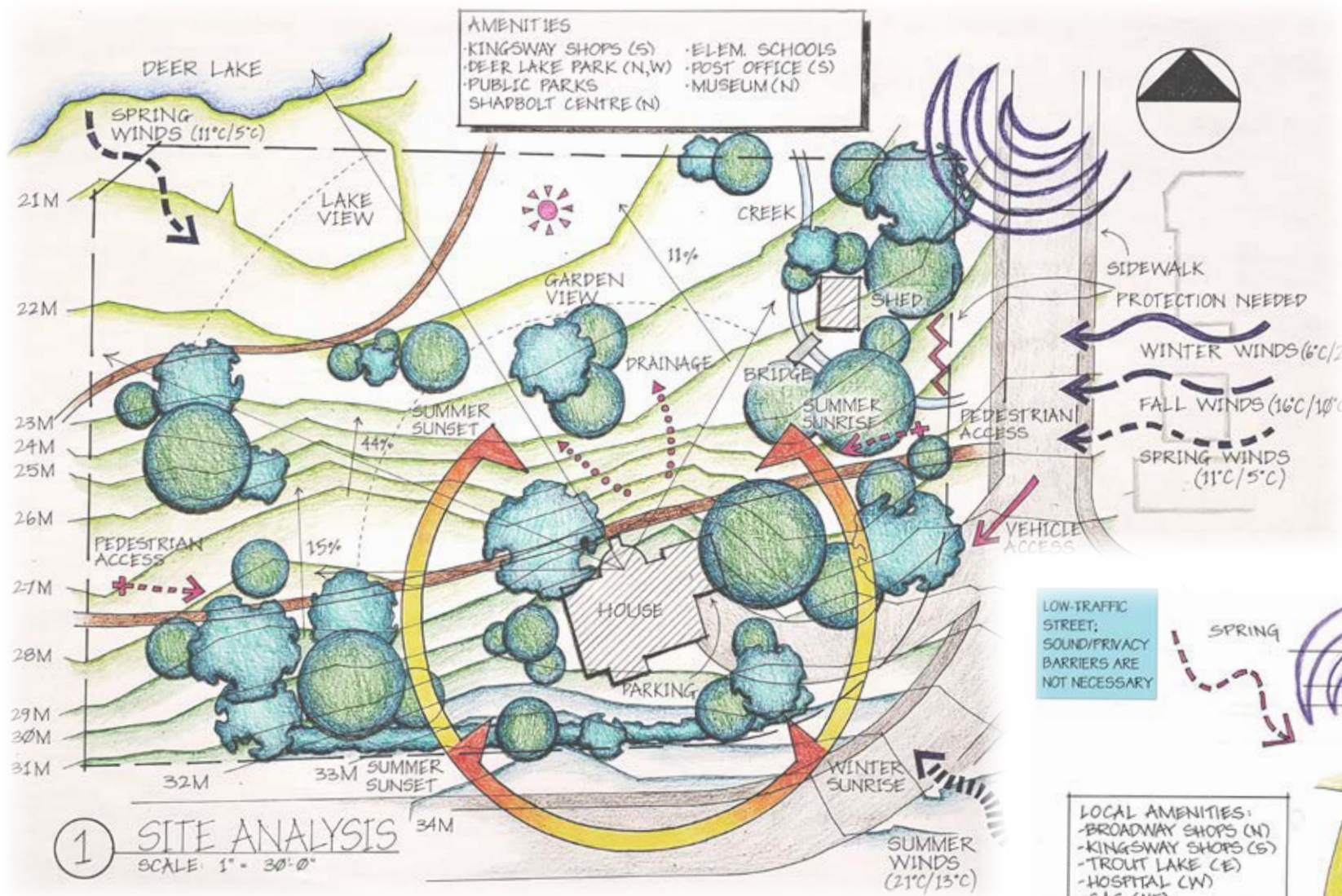


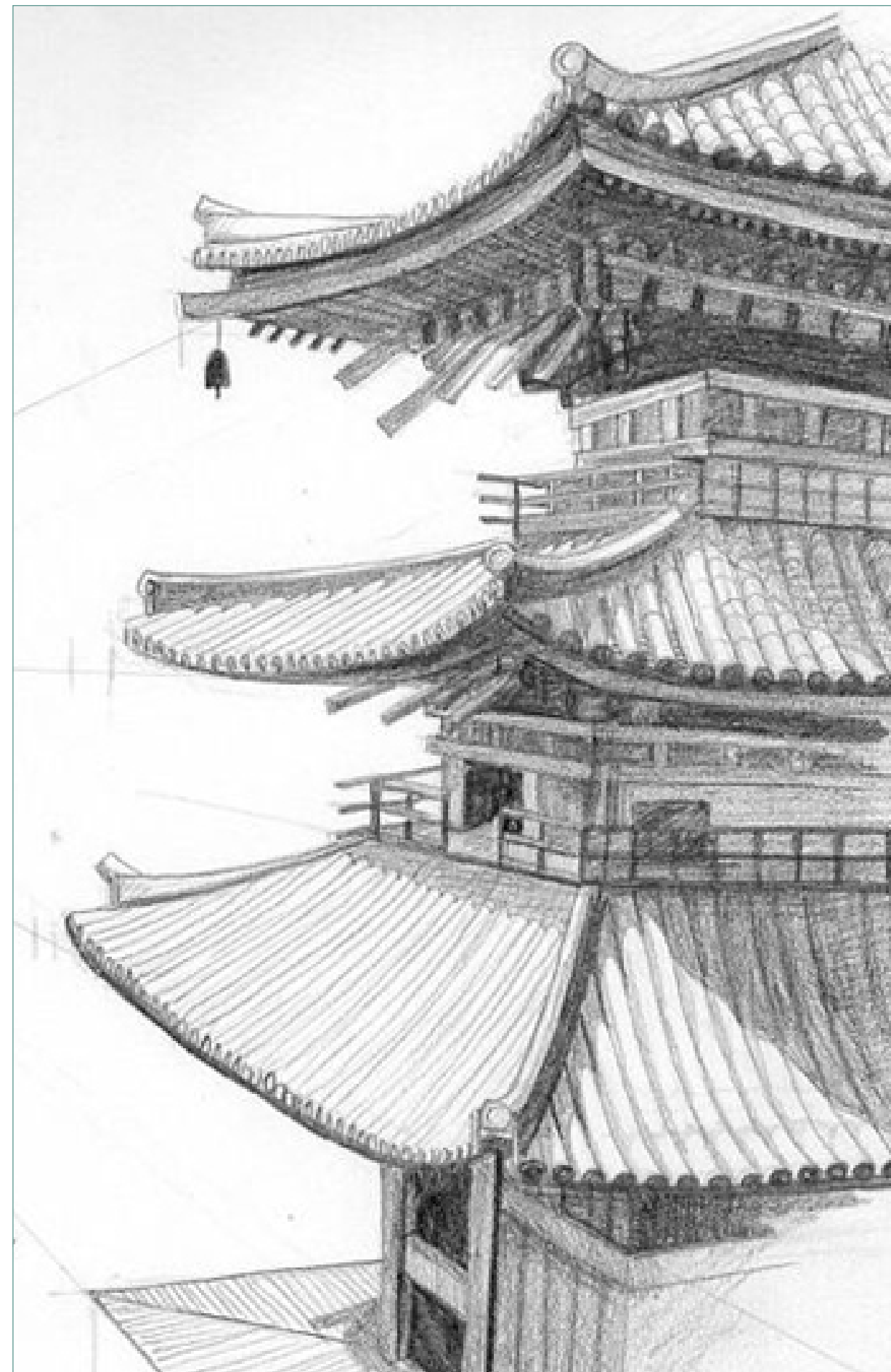
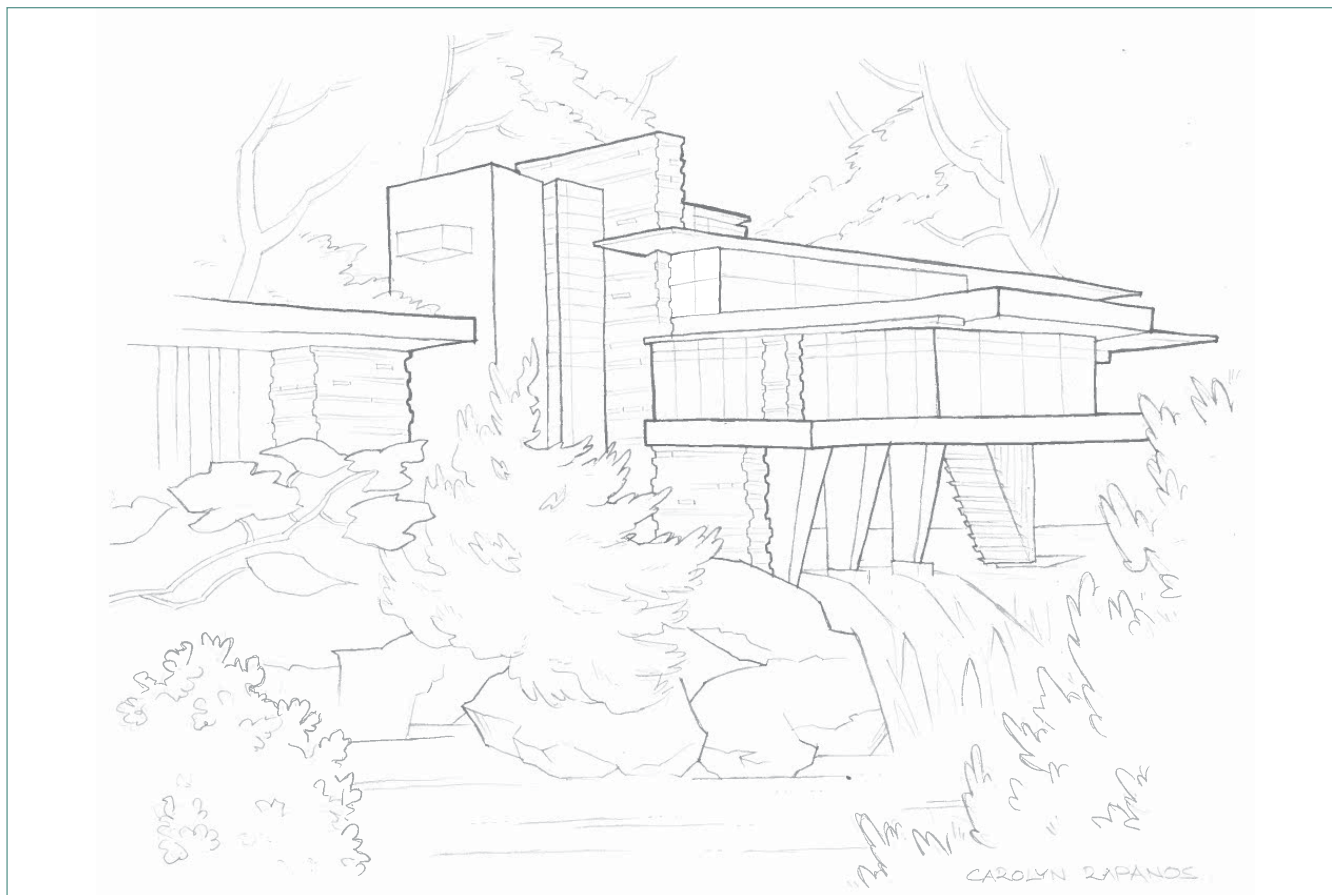
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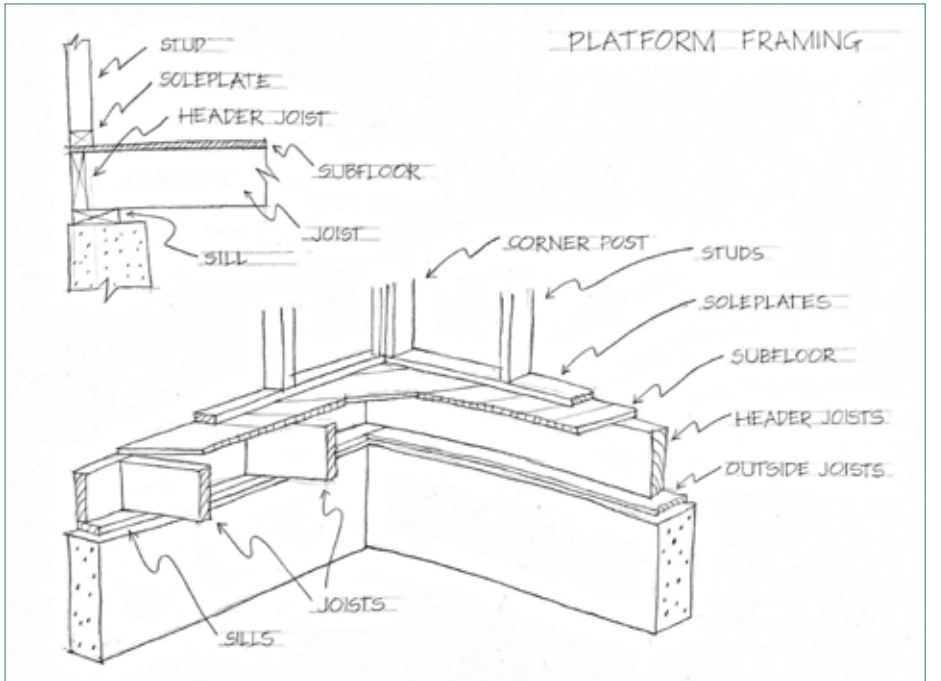
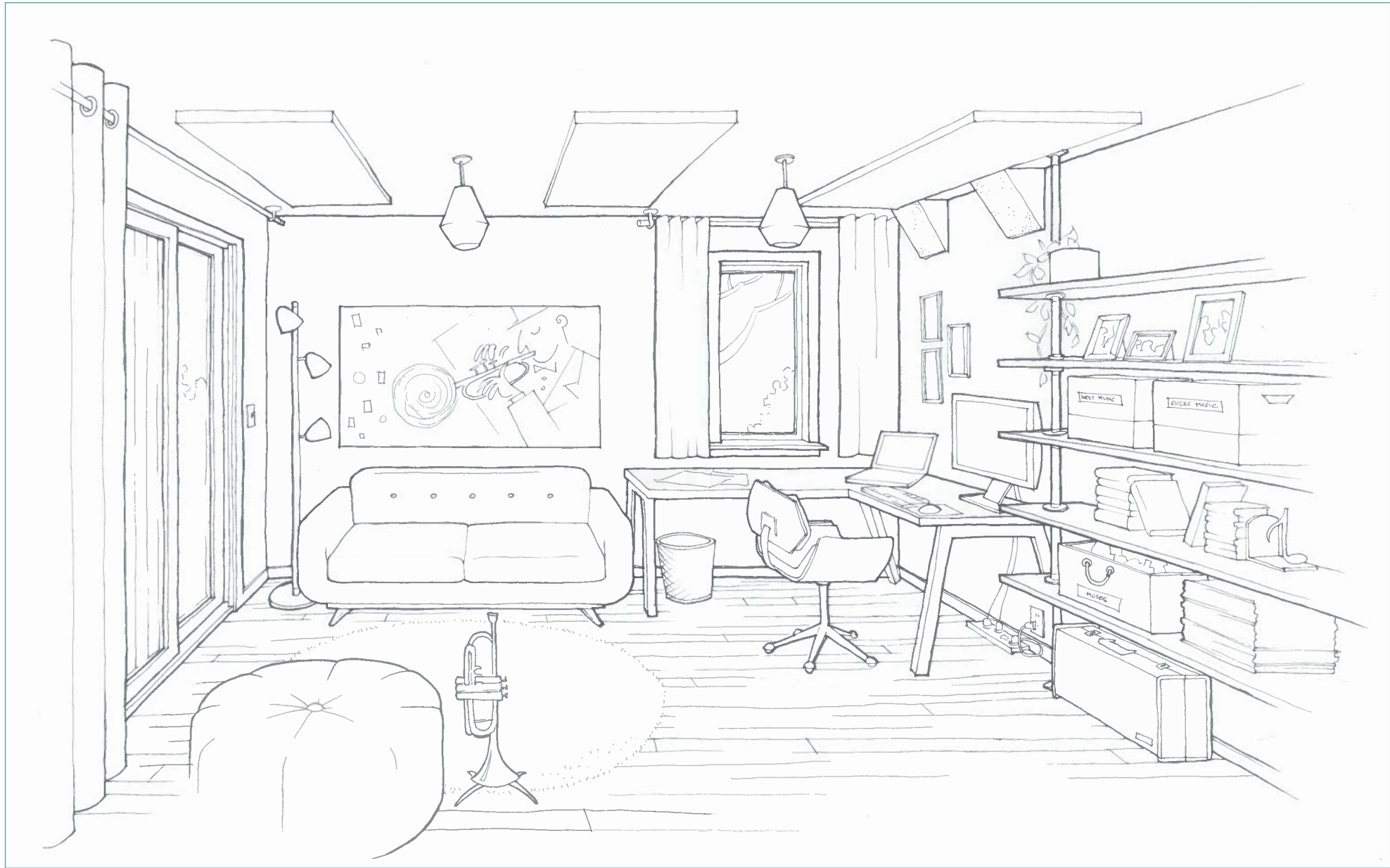


1/2" : 1'-0", CREATED WITH 3D PRINTING, FOAM BOARD, CARDSTOCK, STYRENE, ETC.









WORK EXPERIENCE

Theatre

2013-2021

Set Designer

Approx 75 productions with numerous theatre companies in BC and Alberta

- Drafted floorplans, sections, and details from 3D digital models
- Designed set concepts in collaboration with directors
- Supervised the construction and installation of set designs in construction shops and theatres
- Communicated paint treatments and details with graphics, digital and hand-drawn sketches, physical scale models (3D printing), and schedules
- Worked with existing plans/3D models of theatre spaces
- Made and issued revisions
- Member of Associated Designers of Canada (IATSE 659)
- 2 ensemble Jessie Awards; 4 Jessie Award set design nominations; 3 Ovation Award set design nominations; 1 Betty Mitchell set design nomination

Editing & Graphic Design

2021-Present

Graphic Designer

BC History magazine, 2022-Present

Production Editor

BC History magazine, 2021-2022

- Created graphics and magazine layouts for quarterly issues
- Reviewed and edited written works
- Maintained digital organization of files and schedules

Film & TV

2021-2022

Set Designer

IATSE 891 permittee, March 2022

Art Department Assistant

IATSE 891 permittee, February-April, 2021

- Drafted floorplans, sections, and detail drawings for construction and site layouts
- Created graphics for set decorating and communicating concepts
- Maintained office organization
- Visited sets and construction shops

EDUCATION

Certificate | BCIT, graduating June 2023

Architectural CADD and Graphics

- Drafted floorplans, sections, and detail drawings using architectural and graphic conventions
- Created 3D models and presentation visuals (including videos)
- Studied and implemented building code, bylaws, zoning regulations, and materials/assemblies
- Sketched and drafted by hand
- Visited construction sites

Internship | GBL Architects, April 2023

- Worked on projects in Revit, Sketchup, Enscape, InDesign, Photoshop, and Enscape
- Studied office-specific ways of organizing files, digital models, and drawing sheets
- Toured the site of four recently completed multi-use towers

Bachelor of Arts | UBC, 2012

English Literature Major, Theatre Production Minor

Editing Courses | SFU

Grammar, Stylistic Editing, Proofreading, Copy Editing

SOFTWARE

Revit	AutoCAD	Photoshop	Adobe Premiere Pro
Vectorworks	Sketchup	InDesign	
Enscape	Procreate	Illustrator	

VOLUNTEERING

Burnaby Neighbourhood House

- Various programs including the food bank, English conversation classes, and the newsletter