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note: Parcel Area = 1.46 acres = 63,620.6 sf (5,910.35 m²) approx.
Main floor 1430.3sf (132.9.7m²) Upper floor 658.3sf (61.2m²) Porch 223sf (20.7m²)
Total Parcel Coverage = 1973.3sf (183.3 m²)= 1973.3/63,620.57sf = **3.1%**

SITE DATA (Zone: A-1)	Residential Uses	Accessory Uses	Proposed Renovation
Front Parcel Line	7.5m (24.6')	7.5m (24.6')	8.0m (26.25')
Interior Right Side Parcel Line	3.0m (9.84')	3.0m (9.84')	52.23m (171.36')
Interior Left Side Parcel Line	3.0m (9.84')	3.0m (9.84')	69.66m (228.56')
Exterior Side Parcel Line	4.5m (14.76')	4.5m (14.76')	69.66m (228.56')
Rear Parcel Line	7.5m (24.6')	7.5m (24.6')	11.83m (38.8')
Building Height	10.0m (32.8')	7.5m (24.6')	7.46m (24.47')
Parcel Coverage (all buildings)	10 % overall		3.1 % [1973.3sf (183.3m ²) / 63,620.6sf (5,910.35m ²)]
Floor Space Ratio	N / A	N / A	N / A
Parking	N / A	N / A	N / A

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PROJECT DESCRIPTION: Renovation to Residence

Project Address: 4461 Riverside Road, Duncan, BC

Legal Description: Parcel A (DD 950411) of Section 3, Range 8
Quamichan District
PID : 009-533-141
Cowichan Valley Regional District Area E
Zoning: A-1 Primary Agricultural

Owner Contact: Che Hawkes & Jessica Ellis
4461 Riverside Road, Duncan, BC, V9L 6M9

Design Approved: _____

Client Signature

Date

THE INFORMATION SHOWN ON THIS SITE PLAN WAS PROVIDED BY THE OWNER.
FIELD SURVEY OR VERIFICATION WAS NOT MADE BY "David Coulson Design Ltd."

Attachment E

SHEET

A1

Scale: as shown

11/03/2021

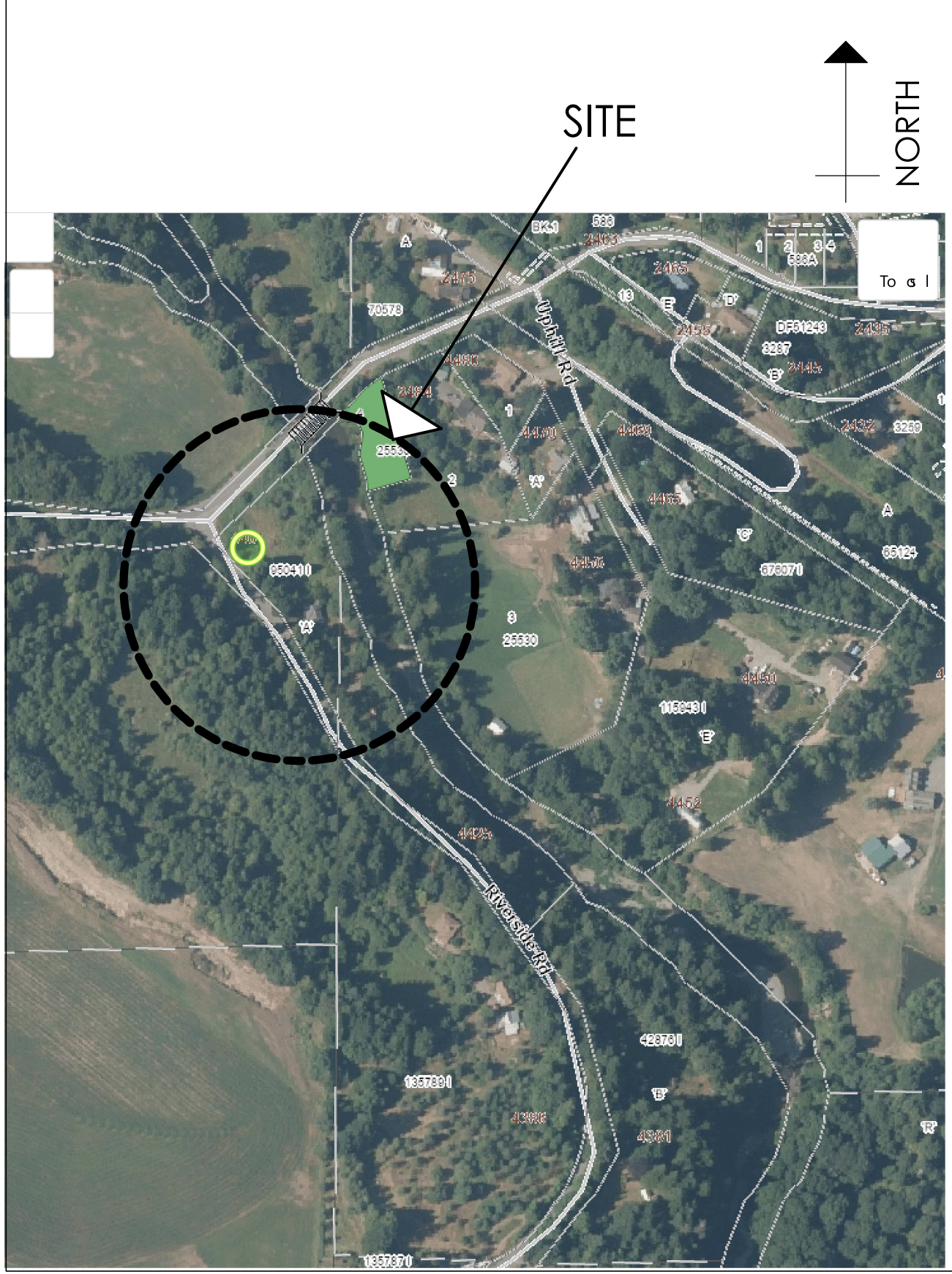
Design: David Coulson
Drawn: Bill Robson
Structural: David Coulson
Verified: David Coulson

Revision 12/03/2021

Revision 02/22/2022

Che Hawkes & Jessica Ellis

4461 Riverside Road, Duncan, BC



SITE LOCATION

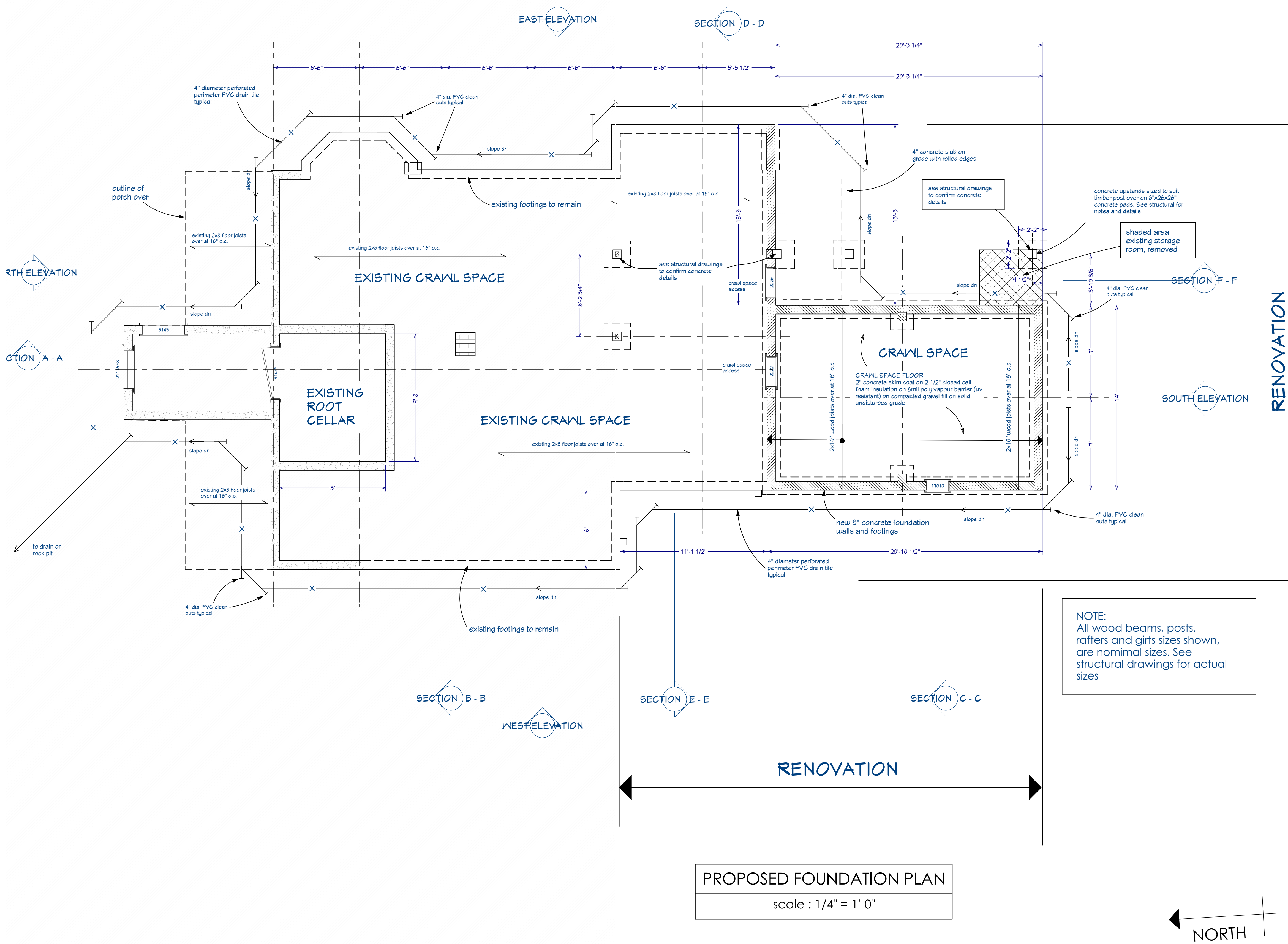
SITE PLAN & SITE DATA

scale : as shown

SITE PLAN

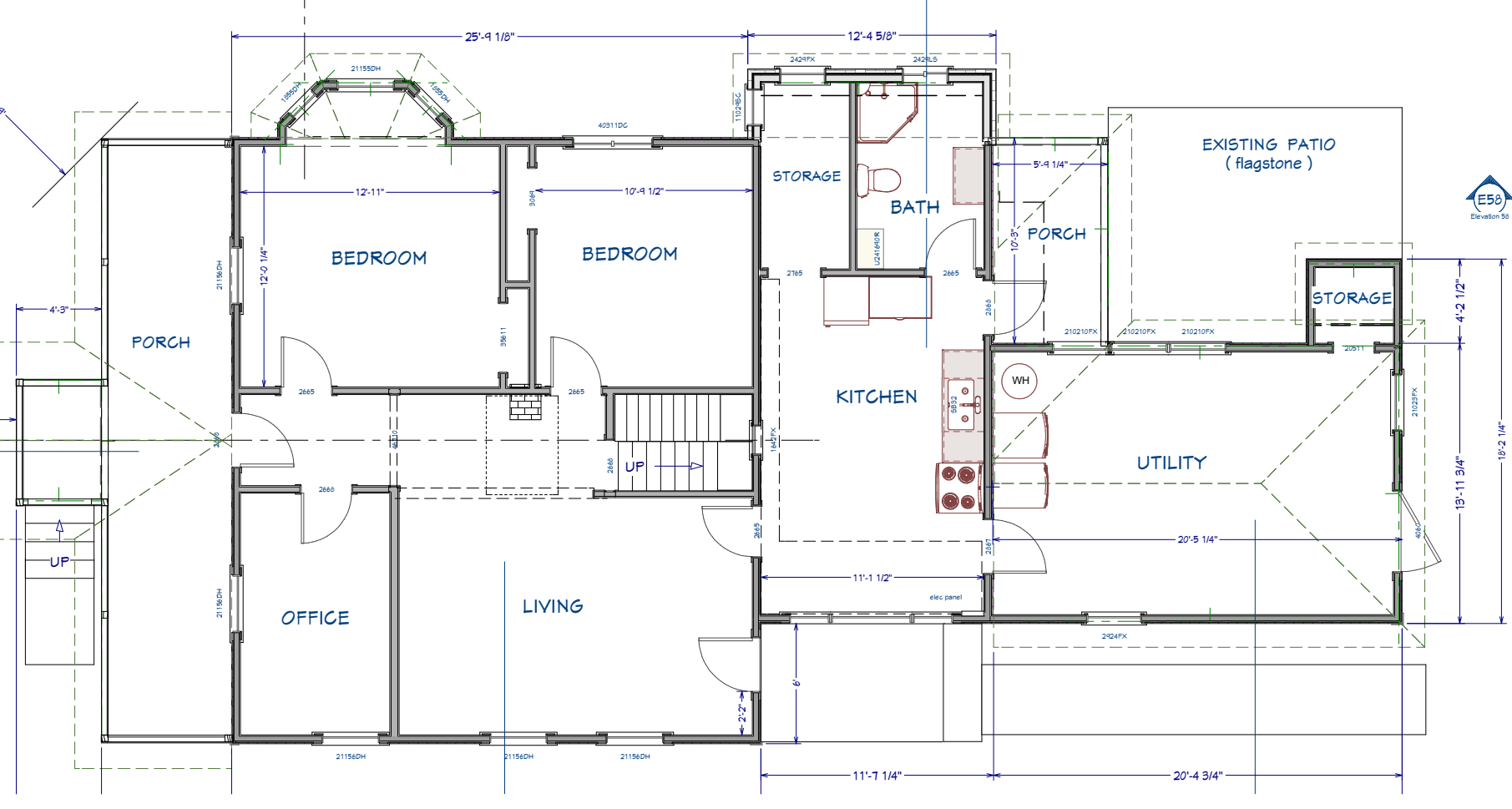
scale : 1" = 20'- 0"

- 01.** Contractors to verify all dimensions prior to commencement of work and shall notify the owner and designer of any errors and discrepancies.
- 02.** Noted dimensions shall take precedence over scaled drawings.
- 03.** Exterior dimensioning is to the face of concrete/ framing. Interior dimensioning is to center line of partition. Unless otherwise noted.
- 04.** Structure noted as "engineered" shall be engineered by certified structural engineer. Where required, drawings shall be stamped with engineer's seal.
- 05.** All joists/beams sized herein, not noted "engineered by others" based on tables on BCBC 2018.
- 06.** All work shall be equal in all respects to good construction practice, and shall conform to current zoning bylaws of the authority having jurisdiction and the British Columbia Building Code 2018 (BCBC).
- 07.** It is the responsibility of the owner and contractor to have site soil conditions inspected and advise designer of any soil conditions which may require special foundation design.
- 08.** All structural wood to be SPF #2 or better unless noted otherwise.
- 09.** All roof trusses must be engineered and installed in accordance with manufacturers details and specifications if referenced in these plans.
- 10.** Wood sill plates to be separated from concrete by waterproof sill gasket complete with 12.5mm (1/2") anchor bolts to foundation.
- 11.** All wood in contact with concrete must be pressure treated or separated with approved material.
- 12.** Conform to all fire and life safety provisions of the BCBC 2018, Part 9.
- 13.** Verify existing and proposed grades prior to setting out. Cut, fill and compact according to building elevations. Verify maximum allowable building heights in the local jurisdictions zoning bylaws and ensure that the building is located to suit where not otherwise indicated.
- 14.** Provide stepped footings where required in accordance with existing or future grades. Underside of bottom plate of framed wall shall not be less than 204mm (8") above adjacent grade.
- 15.** Provide minimum 204mm (8") clearance from grade to wood cladding materials per BCBC 2018, 9.27.2.4. Exterior foundation walls shall not extend less than 204mm (8") above grade, unless adjacent to impermeable surface.
- 16.** 20 mPa concrete to be used exclusively unless noted.
- 17.** Install graspable handrail to all stairs @ 914mm (36") above nosing, per BCBC 2018.
- 18.** Install guardrail at all balconies, decks and porches greater than 610mm (24") above adjacent grade. Install guardrail 1067mm (42") above deck. Install pickets where indicated @ max. 95mm (3 3/4") spacing between each. Guard to resist loads per BCBC 2018, 9.8.8.2. Install per BCBC 2018.
- 19.** Install self-adhesive waterproof membrane around all openings according to the most current accepted building envelope guideline. Install membrane over top of properly lapped building paper at openings. Follow details provided within this set and assume similar for situations not expressly detailed.
- 20.** PVC roof membranes shall conform to material standard CAN/CGSB 37.54, "Polyvinyl Chloride Roofing & Waterproofing Membrane" and installed per BCBC 2018, 9.26.16 "PVC Sheet Roofing."
- 21.** Full rainscreen system to be implemented and conform to BCBC 2018, 9.27 Cladding and Moisture Protection as detailed within this set. If required.



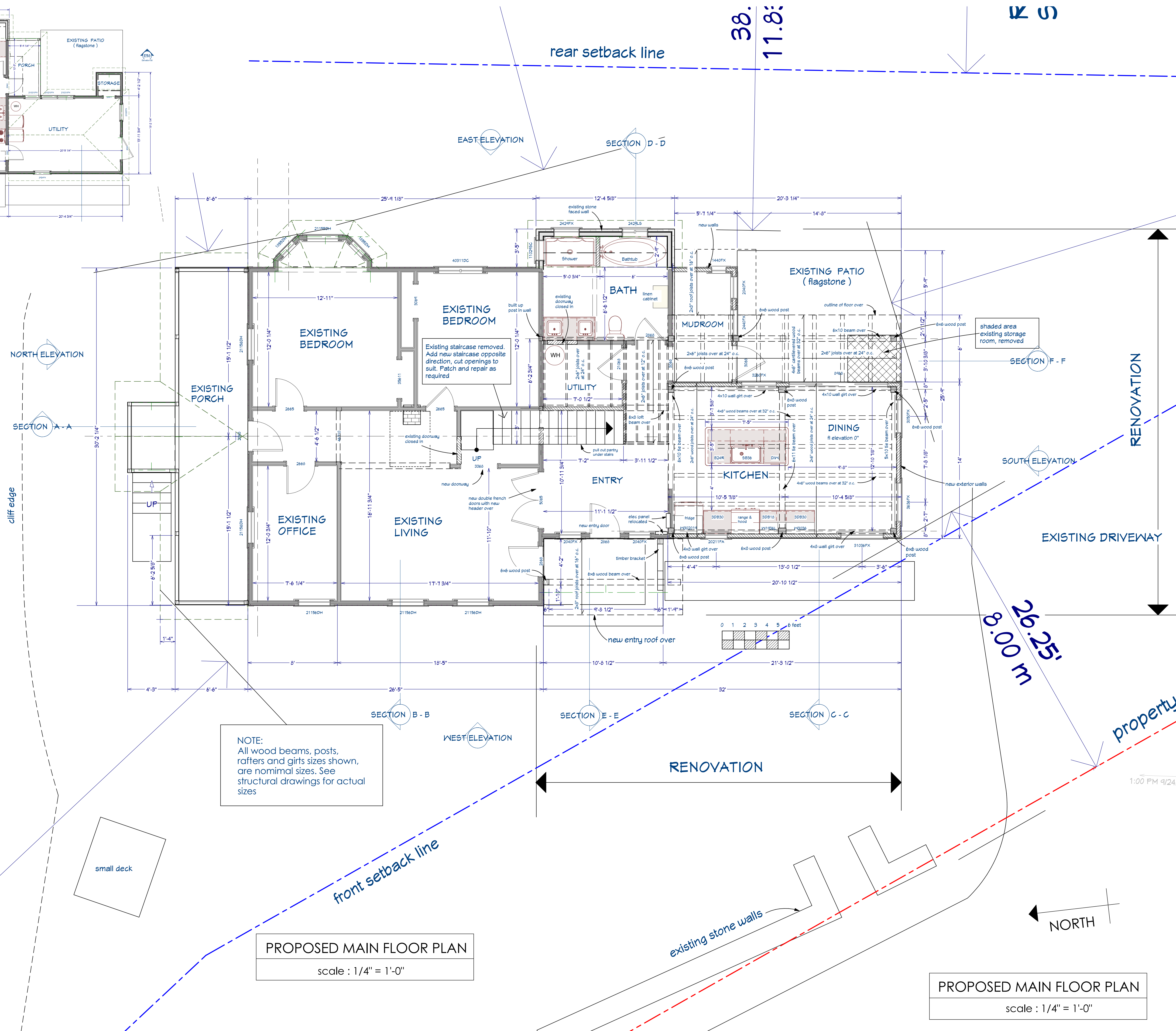
FOUNDATION PLAN & GENERAL NOTES

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EXISTING MAIN FLOOR PLAN
scale : 1/8" = 1'-0"

EASEMENT AREA A



PROPOSED MAIN FLOOR PLAN
scale : 1/4" = 1'-0"

PROPOSED MAIN FLOOR PLAN
scale : 1/4" = 1'-0"

David Coulson Design Ltd.

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Website: davidcoulsondesign.com

33 yrs

experience

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Built for you

Design: David Coulson

Drawn: Bill Robson

Structural: David Coulson

Verified: David Coulson

Revision 12/03/2021

Revision 02/22/2022

SHEET

A3

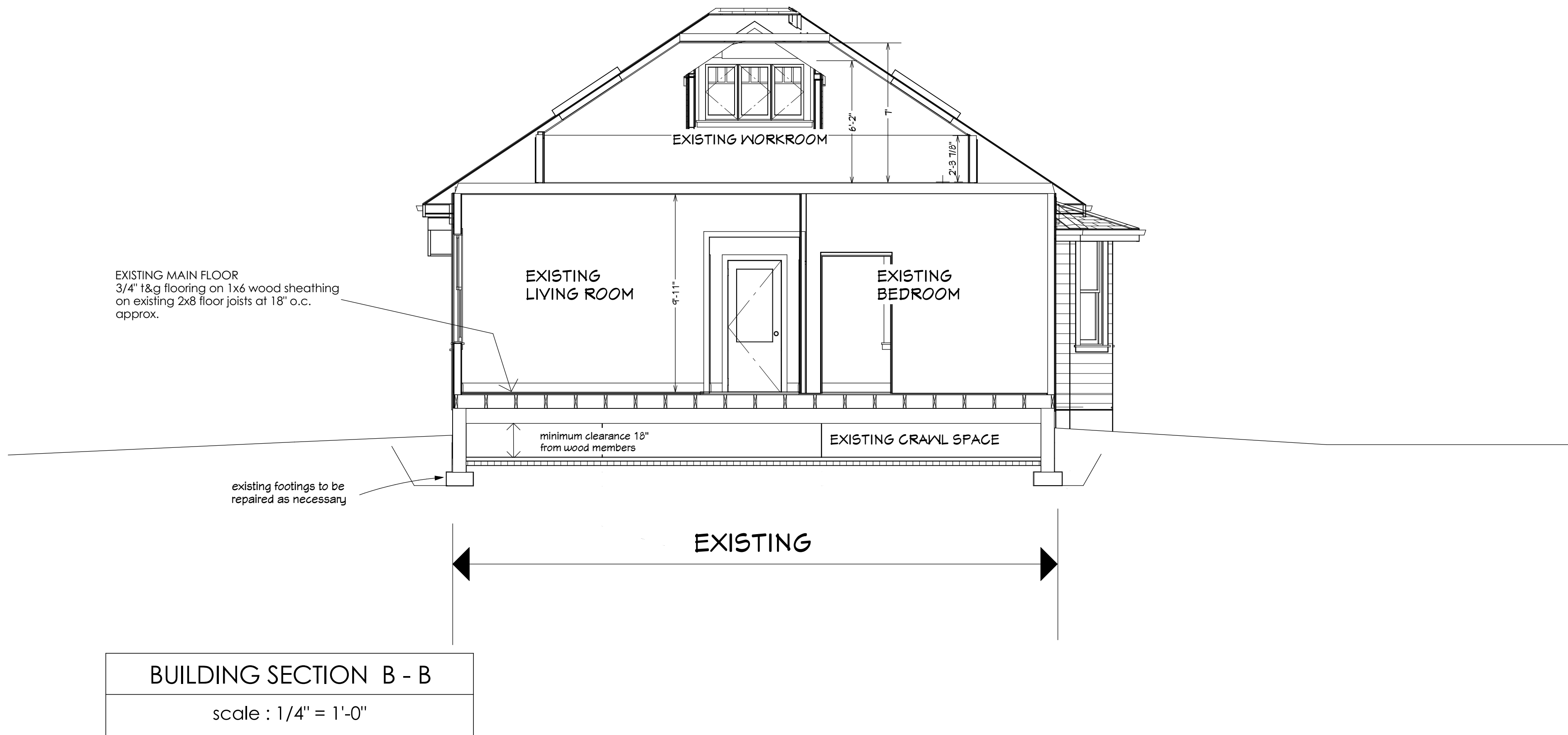
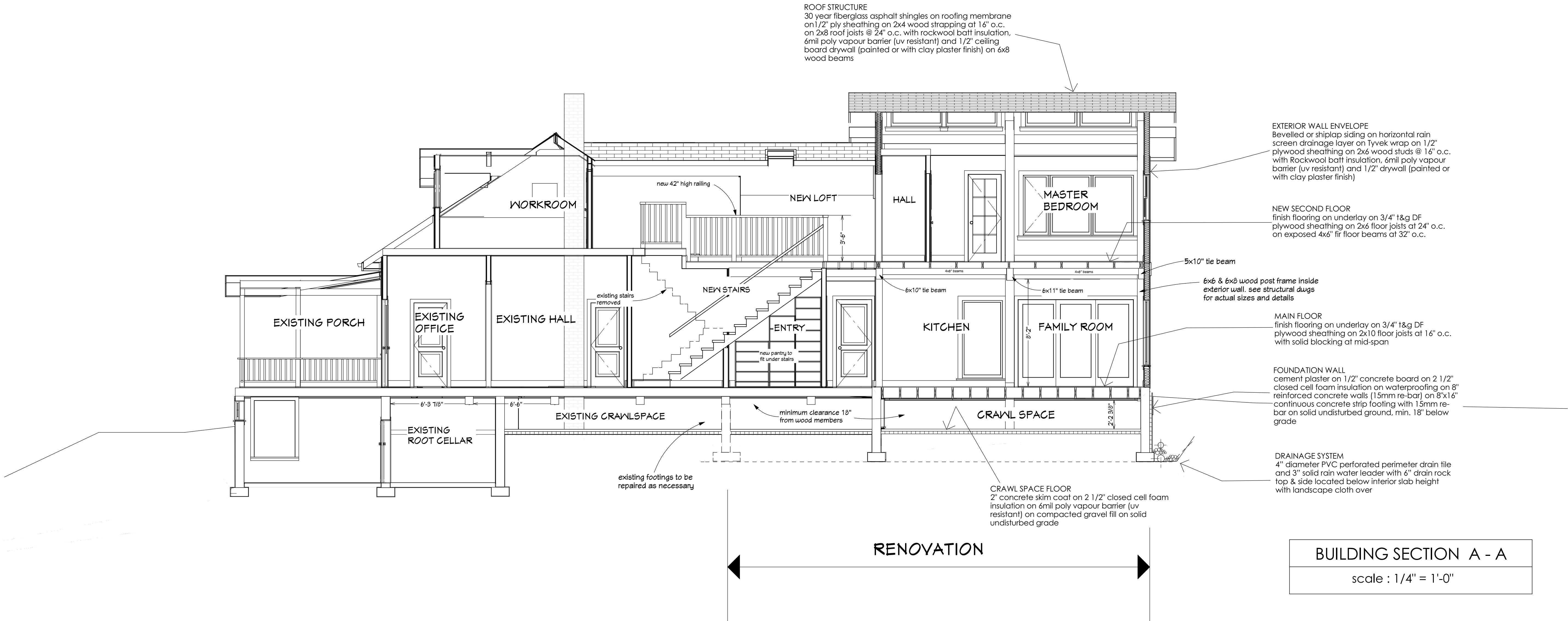
Scale: as shown

11/03/2021

These drawings are the proprietary work product and property of "David Coulson Design Ltd.", developed for the exclusive use of "Che Hawkes & Jessica Ellis", for their "Renovation of 4461 Riverside Road, Duncan, BC". Use of these drawings and concepts therein for different purposes or sale without the written permission of "David Coulson Design Ltd." is prohibited and may subject you to a claim for damages.

Che Hawkes & Jessica Ellis
4461 Riverside Road, Duncan, BC

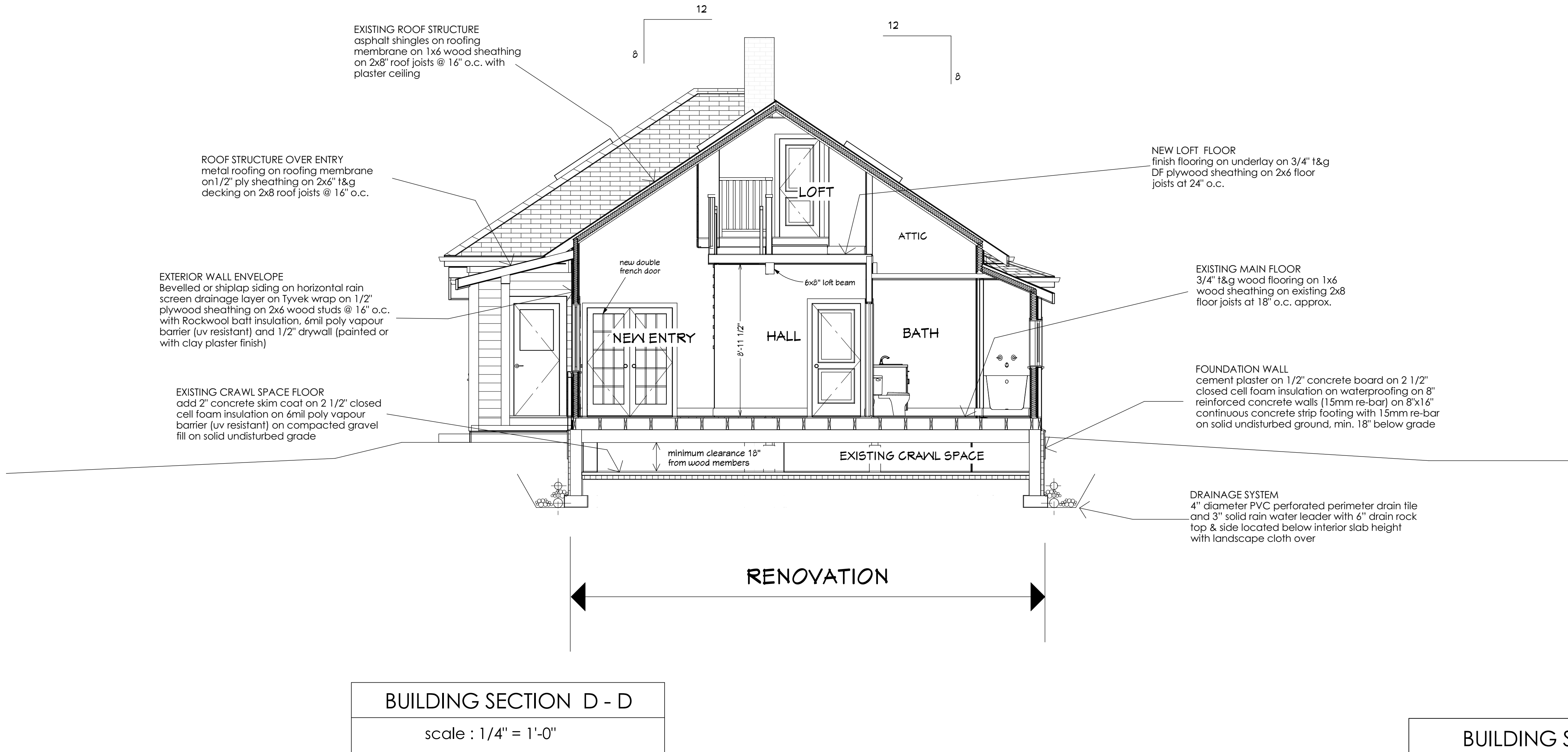
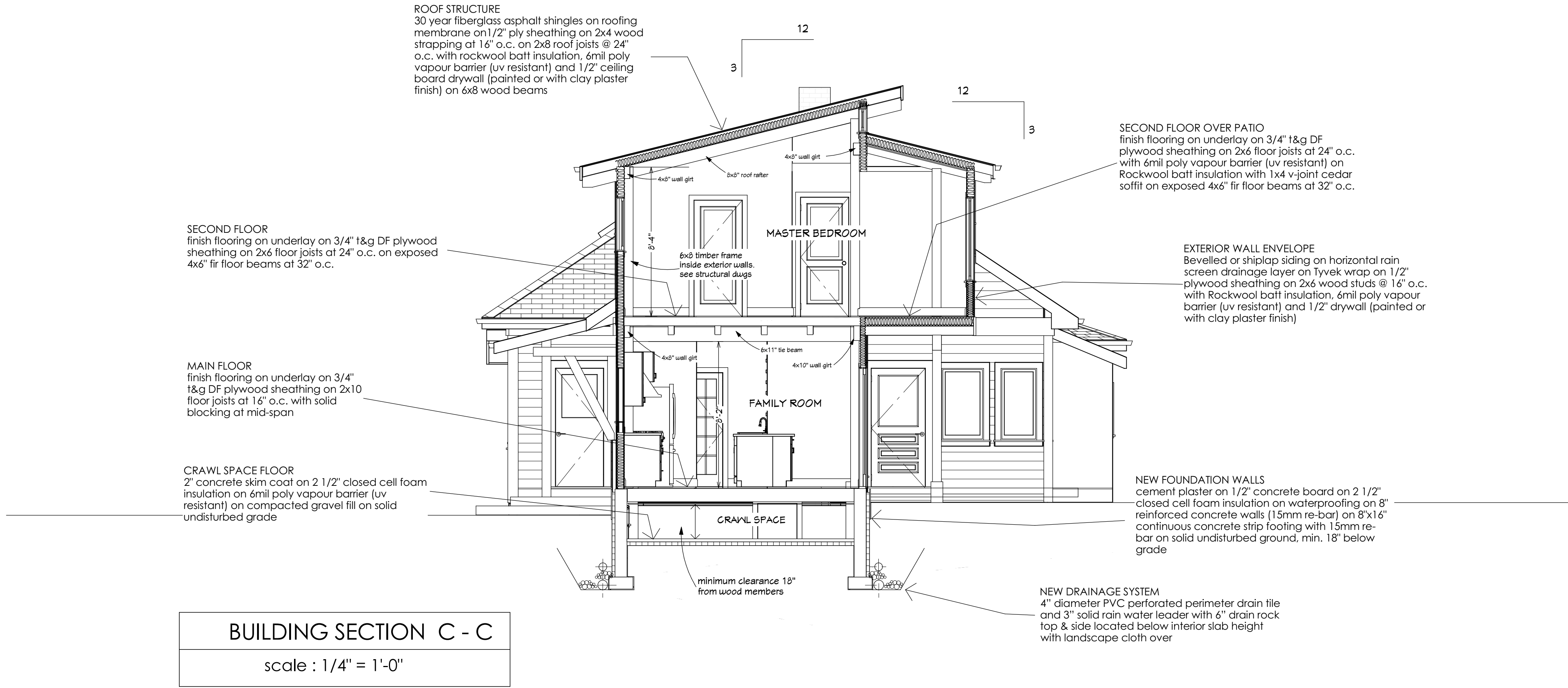
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BUILDING SECTIONS

scale : 1/4" = 1'-0"

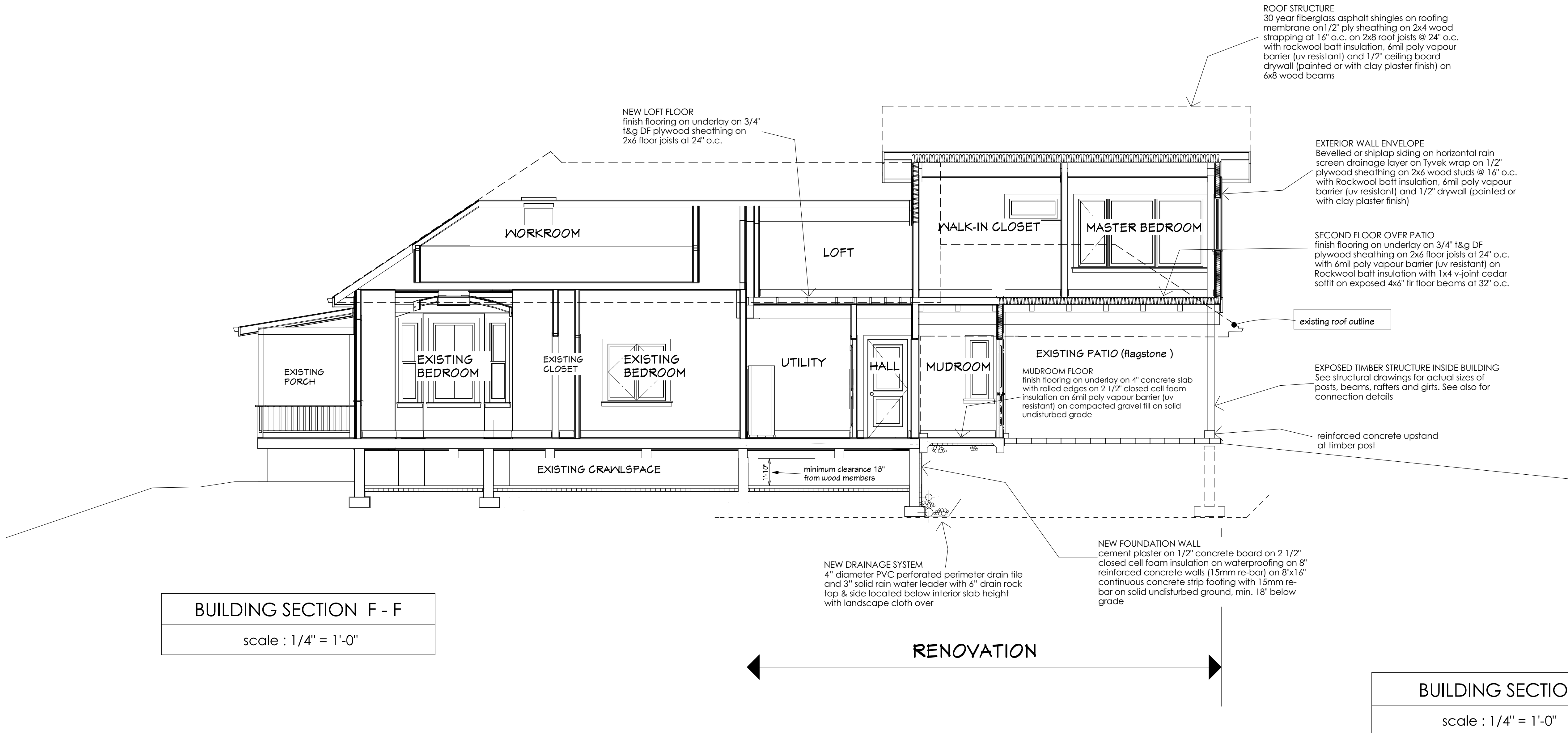
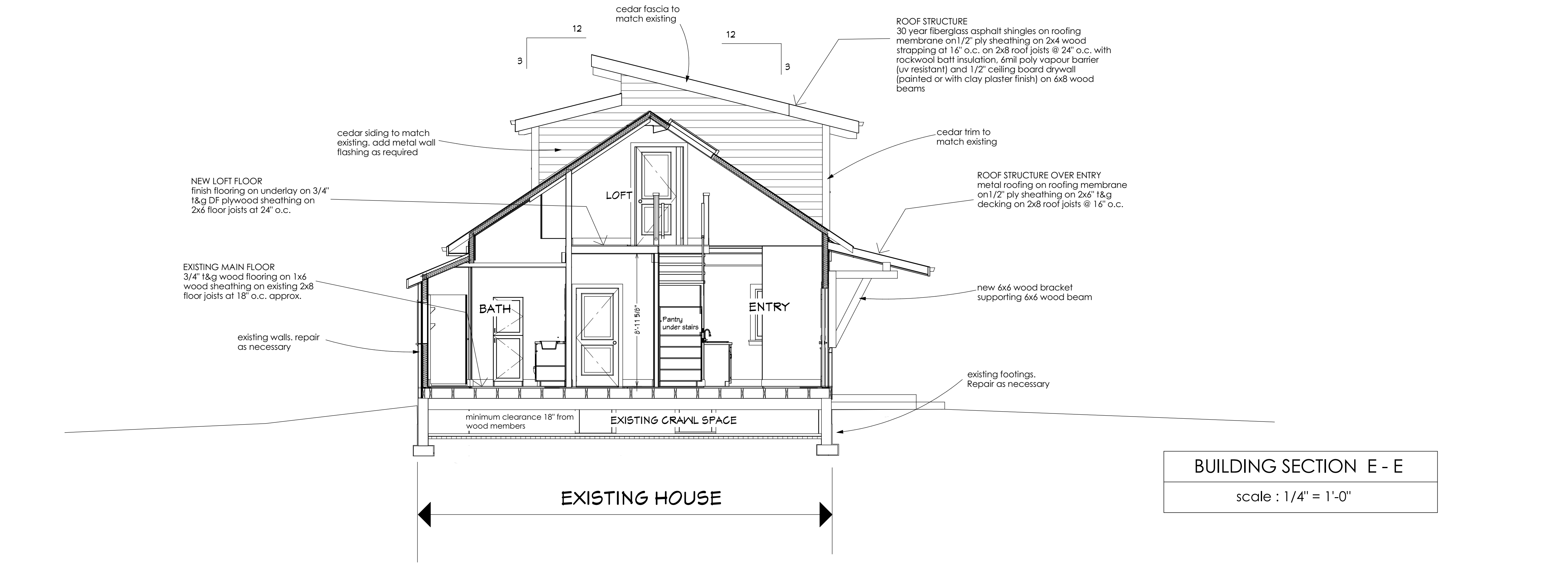
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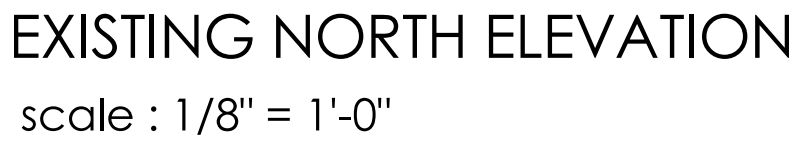
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scale : 1/4" = 1'-0"



BUILDER'S DETAILS

not to scale



scale : $1/4" = 1'-0"$



scale : $1/8" = 1'-0"$

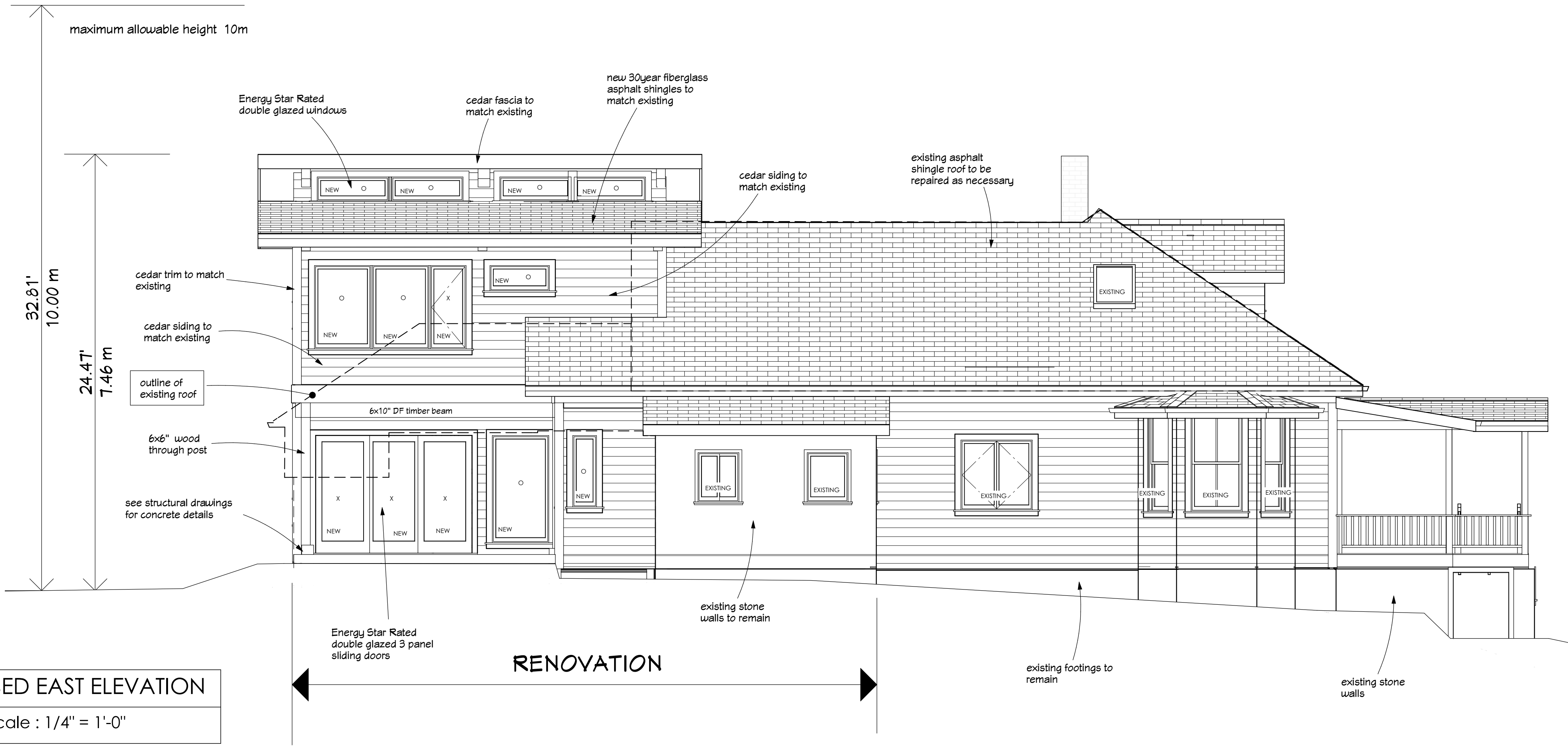
PROPOSED ELEVATIONS

scale : 1/4" = 1'-0"

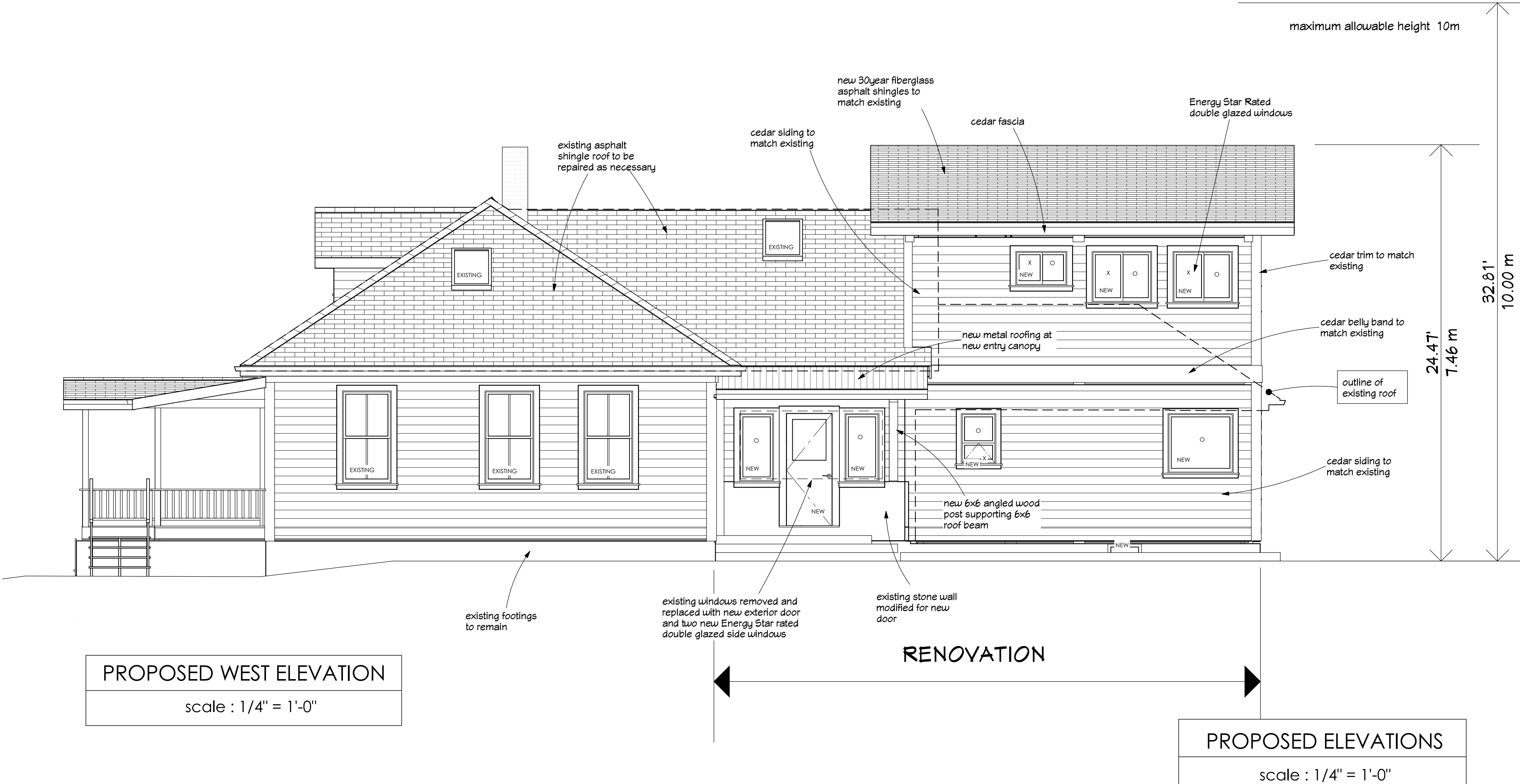
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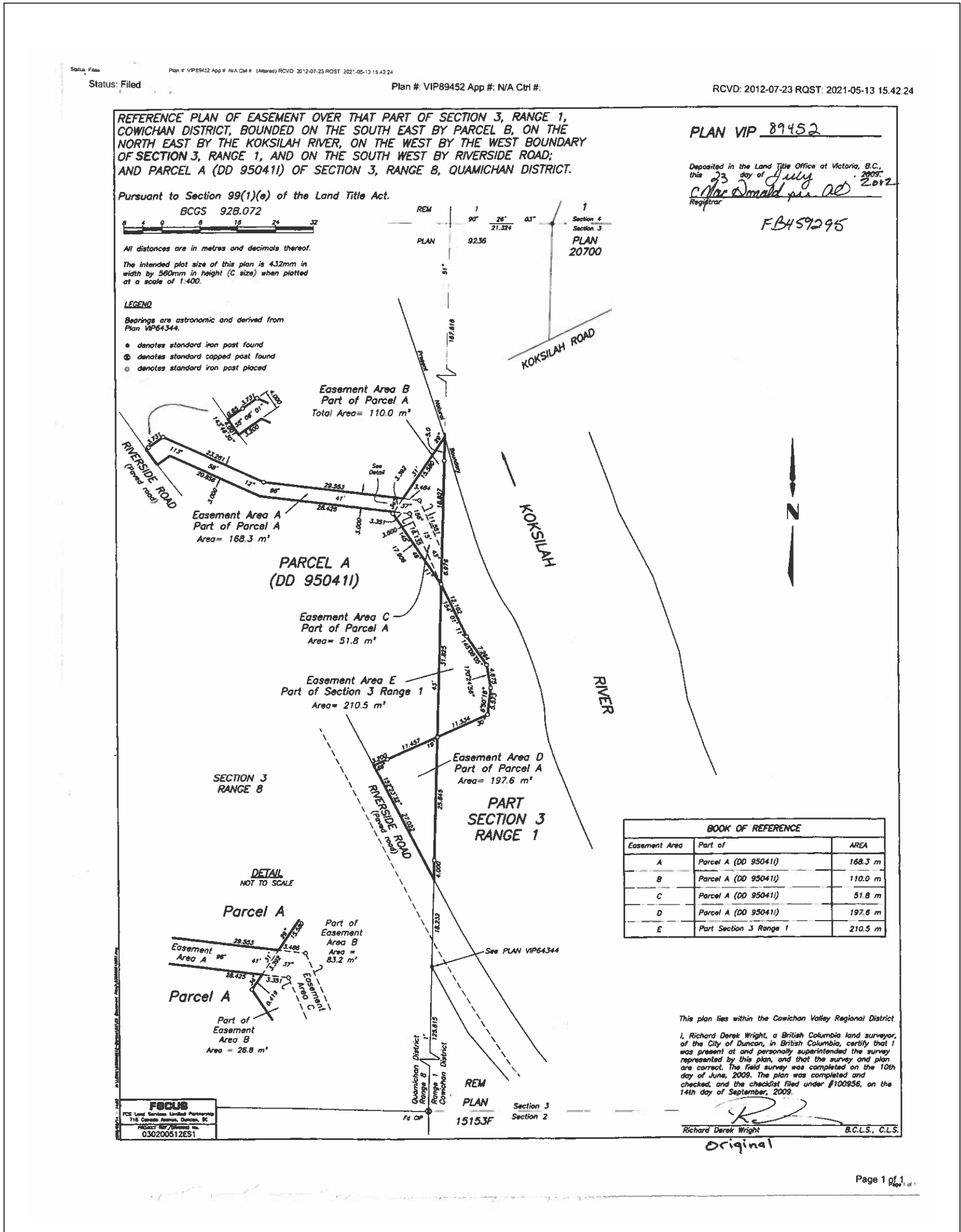
EXISTING EAST ELEVATION
scale : 1/8" = 1'-0"



EXISTING WEST ELEVATION
scale : 1/8" = 1'-0"



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PARTIAL SITE SURVEY PLAN
not to scale

PARTIAL SITE SURVEY PLAN

scale : as shown