

HIGHWAY 33
[8991 HIGHWAY 33E]

EXISTING GATE

a=41.63 M

248'-8" [75.80m]

8 M FRONT YARD SETBACK

64.26 M

36'-9" [11.21m]

32'-1 1/2" [9.79m]

EXISTING ACCESSORY 43'-1 1/2" [13.14m]

6 M SIDE YARD SETBACK

36'-8 1/2" [11.18m]

EXISTING 2 STOREY RESIDENCE

EXISTING PARKING

EXISTING FENCING

EXISTING GRAVEL DRIVEWAY

2 STOREY ADDITION

EXISTING PINE TREES

EXISTING PINE TREES

EXISTING CORNERS & SHELTER

6'-4 1/2" [1.63m]

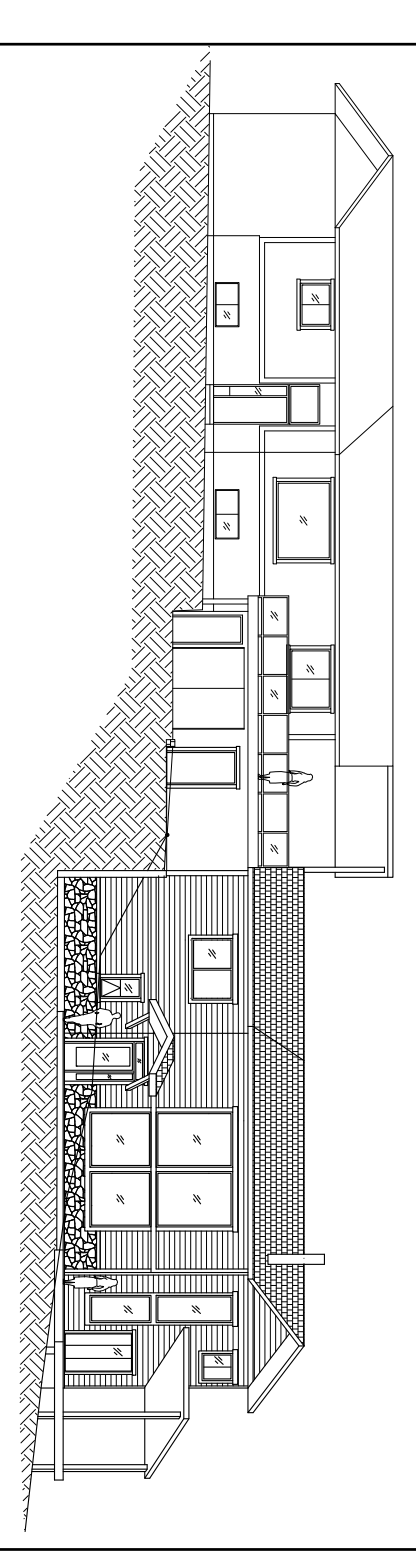
EXISTING BARN

EXISTING SHELTER

70'-11" [21.62m]

ZONED PARK

BARTHA RESIDENCE RENOVATION & ADDITION



CONCEPTUAL ELEVATION

PROJECT INFO:

CIVIC ADDRESS: 8991 HIGHWAY 33E, KELOWNA, BC
LEGAL DESCRIPTION: LOT A PLAN KAP34622, DISTRICT LOT 4081, O.D.S. 1/D.
PROJECT DESCRIPTION: TO RENOVATE THE EXISTING STORAGE TO A MUDROOM / MECHANICAL ROOM AND ADD AN ADDITION OF BEDROOMS AND LIVING SPACE TO THE SOUTH.
EXISTING HOUSE FOOTPRINT: 1582 SF / 147 m²
ADDITION: 1563 SF / 145m²
311 SF NEW STORAGE, 1252 SF NEW ADDITION ACCESSORY BUILDINGS: 2270 SF / 211 m²
SITE AREA: 293199 SF / 27200 m², 6.73 Acres
NOTE: SITE PLAN BASED ON INFORMATION PROVIDED BY R.D.C.O. G.I.S. MAPPING AND SURVEYED LAND SURVEYING.

JOE RICH RURAL LAND USE BYLAW NO. 1195:

ZONE: SH-2 SMALL HOLDINGS 2
PERMITTED USE: RESIDENTIAL, SINGLE FAMILY DETACHED DWELLING
MIN. FLOOR AREA: 60m² - 147m²
EIGHTY PERCENT FRONT YARD SETBACK: 9M
EXISTING HOUSE: 11.2M
SIDE & REAR YARD SETBACK: 6M
HOUSE ADDITION = 7.4M
MAX SITE COVERAGE: 10%
EXISTING HOUSE + ADDITION + ACC. BUILD. / SITE AREA = 1.8% SITE COVERAGE
MAX HEIGHT: 3 STOREYS TO MAX 9M
EXISTING HOUSE + ADDITION - STEPPED
END

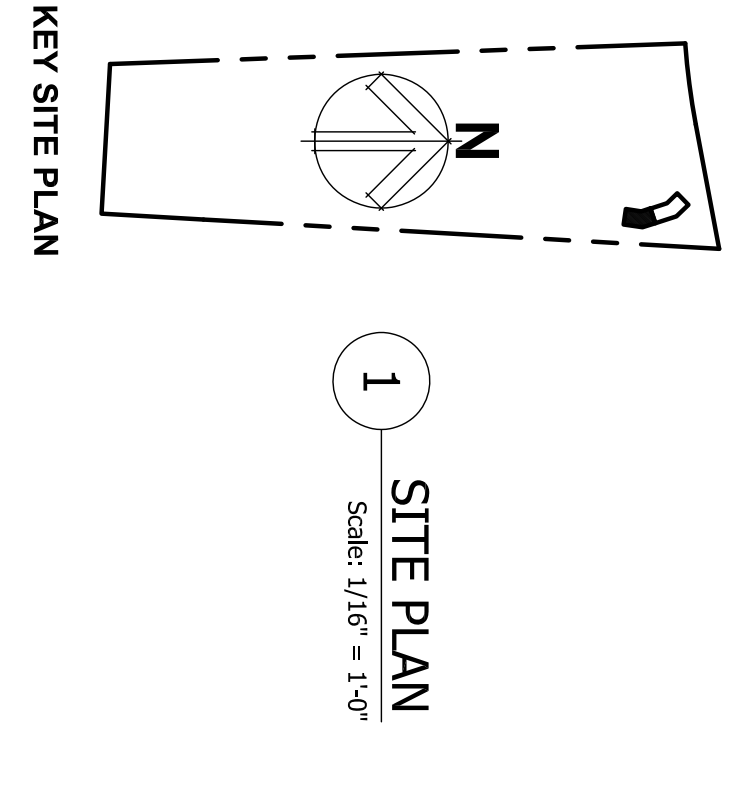
LIST OF DRAWINGS:

- A1.0 SITE PLAN & INFORMATION
- A2.0 EXISTING GROUND FLOOR PLAN
- A2.1 EXISTING SECOND FLOOR PLAN
- A2.2 ADDITION FOUNDATION PLAN
- A2.3 ADDITION FLOOR PLANS
- A2.4 ROOF PLAN
- A3.0 ELEVATIONS & MATERIALS
- A3.1 ELEVATIONS
- A3.2 BUILDING SECTION
- A4.0 BUILDING DETAILS
- A4.2 WINDOW DETAILS
- A4.3 WINDOW DETAILS

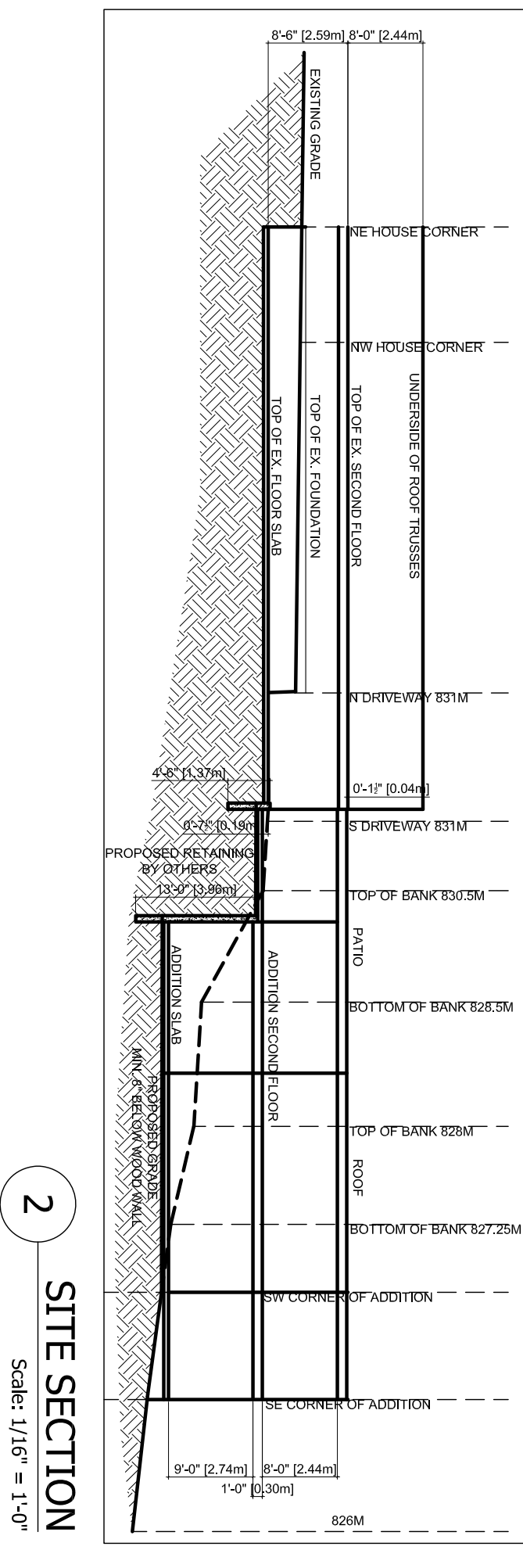
2018 B.C. BUILDING CODE ANALYSIS:

DIVISION A - PART 1 - COMPLIANCE	PROP: 190.5mm
SECTION 1.3. DIVISIONS A, B AND C OF THIS CODE	PROP: 236mm
1.3.3.3 APPLICATION OF PART 9	PROP: 236mm
1.3.3.3.1(1) HEIGHT: MAX 3 STOREYS	PROP: 236mm
PROP: 2 STOREYS	PROP: 236mm
1.3.3.3.1(1)(b) BUILDING AREA: MAX 600m ²	PROP: 236mm
DIVISION B - OCCUPANCY	PROP: 236mm
9.7.2(1) WINDOWS TO CONSERVA TO THE CANADIAN SUPPLY EMERGENCY TO MARKS	PROP: 236mm
9.8.2 STAIR DIMENSIONS (INTERIOR)	PROP: 1067mm
9.8.2.1(2) STAIR WIDTH: MIN 860mm	PROP: 236mm
9.8.2.2(1)(b) H. HEIGHT: MIN 1950mm	PROP: 236mm
9.8.3.3.2(2) HEIGHT STAIR: MAX 3.7m	PROP: 2743mm
9.8.4 RISER DIMENSIONS (INTERIOR)	PROP: 236mm
TABLE 9.8.4.1	PROP: 190.5mm
RISER: MAX 200mm - MIN 125mm	PROP: 236mm
RUN: MAX 335mm - MIN 230mm	PROP: 236mm
9.8.4.4 MAX RISER: MIN 230mm	PROP: 236mm
9.8.8.3 GUARDS TO MIN. 900mm	PROP: 300mm
EXTERIOR GUARDRAILS REQ. AT 1800mm	PROP: 0.55m2
9.9.10.1 EGRESS WINDOWS	PROP: 0.55m2
MIN. AREA REQ = 0.35m ²	PROP: 0.55m2
NO DIMENSION LESS THAN 380mm	PROP: 0.55m2
9.10.9.14 RESIDENTIAL SUITES. FIRE SEPARATION AND FIRE RESISTANCE RATING OF 45 min.	PROP: 0.55m2
9.10.15 SPATIAL SEPARATION BETWEEN HOUSES	PROP: 0.55m2
TABLE 9.10.15.24 SEE CALCULATIONS A3.0	PROP: 0.55m2
9.10.9.3 SMOKE ALARMS	PROP: 0.55m2
9.11.1 SOUND TRANSMISSION	PROP: 0.55m2
9.11.1.1 SOUND TRANSMISSION	PROP: 0.55m2
MIN. STC OF 43 FOR SECONDARY SUITES	PROP: 0.55m2
9.13.4.3 SUBFLOOR DEPRESSURIZATION SYSTEM	PROP: 0.55m2
PROVIDE ROUGH-IN AND PIPING TO EXTERIOR AS REQUIRED FOR RADON, 100mm PIPE, MECH. OR PASSIVE VENTING PERMITTED.	PROP: 0.55m2
9.32 VENTILATION - PRINCIPAL SYSTEM TO RUN CONTINUOUSLY. MIN. AIR FLOW RATE = 28 L/S	PROP: 0.55m2
9.36 ENERGY EFFICIENCY - PROP TO CONFORM TO TABLES 9.36.2.6A & 9.36.2.8A.	PROP: 0.55m2

/// DENOTES NEW CONSTRUCTION



1 SITE PLAN
Scale: 1/16" = 1'-0"



2 SITE SECTION
Scale: 1/16" = 1'-0"

THIS DRAWING MUST NOT BE SCALED, VERIFIED, ALL DIMENSIONS AND DATINGS PRIOR TO COMMENCEMENT OF WORK. REPORT ALL ERRORS AND OMISSIONS TO THE DESIGNER.

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ISSUED FOR BUILDING PERMIT

1. SEP 21 2020	ISSUED FOR BUILDING PERMIT
2. SEP 22 2020	REVISED FOR SEPT 22 2020
3. SEP 23 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
4. SEP 24 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
5. SEP 25 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
6. SEP 26 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
7. SEP 27 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
8. SEP 28 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
9. SEP 29 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
10. SEP 30 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
11. SEP 31 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS
12. SEP 32 2020	CLIENT REVISION: RESIDENTIAL ELEVATIONS

P 9 d
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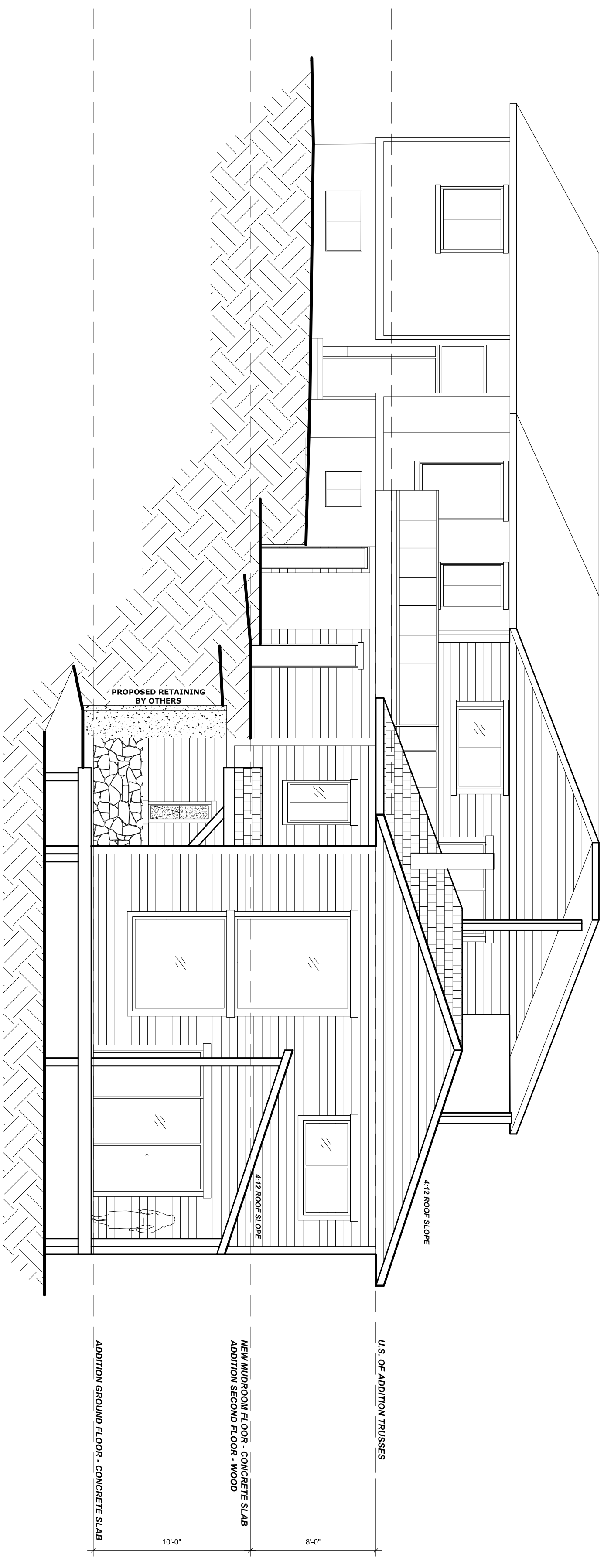
BARTHA RESIDENCE
RENOVATION & ADDITION
8991 HIGHWAY 33 EAST
KELOWNA, BC

A1.0
SITE PLAN & INFO
Scale: 1/16" = 1'-0"
Sept. 30, 2020
Project: P20-10

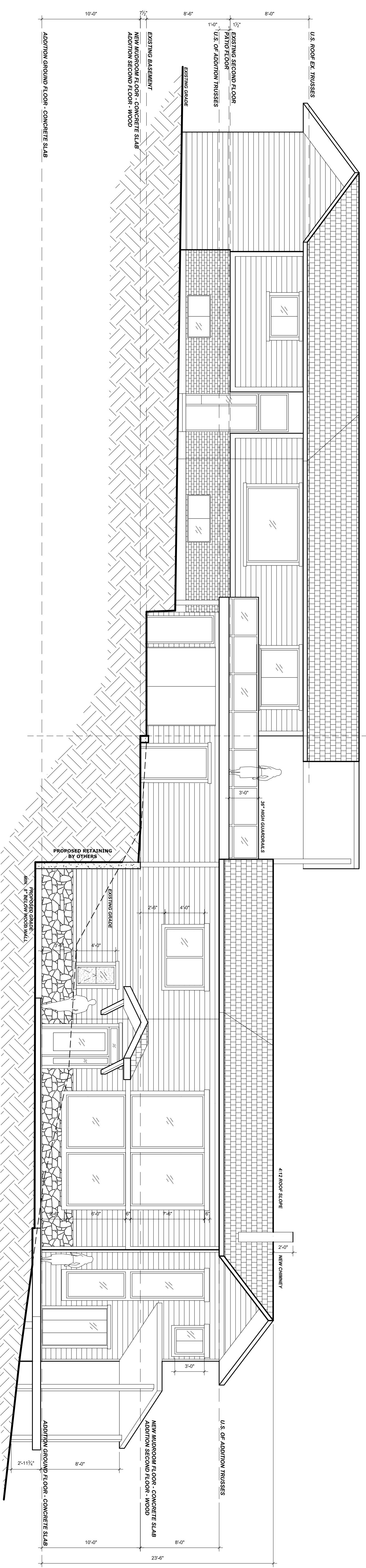


MATERIALS:
 - ALL NEW TO MATCH EXISTING COLORS AND FINISHES.
 - 1x4 & 1x6 TRIM / FASCIA BOARDS THROUGHOUT
 - 4x4 TRIMMER POSTS
 - WINDOW & DOOR FRAMES TO MATCH EXISTING
 - NEW GUTTER/LEADS PER OWNER

8.10.15 SPATIAL SEPARATION:
 4:00 B.S. - 3 MINUTE RESPONSE TIME
 100% OPENINGS PERMITTED
 HORIZONTAL ELEVATION: 20m2 L.O. OF 100A, 100% OPENINGS
 EAST ELEVATION: OVER 10m2 20m2 L.O. OF 100A, 100% OPENINGS
 SOUTH ELEVATION: OVER 10m2 20m2 L.O. OF 100A, 100% OPENINGS
 WEST ELEVATION: OVER 10m2 20m2 L.O. OF 100A, 100% OPENINGS
 PERMITTED



2 SIDE / SOUTH ELEVATION
 Scale: 1/4" = 1'-0"



1 FRONT / WEST ELEVATION
 Scale: 1/4" = 1'-0"

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**ISSUED FOR
 BUILDING PERMIT**

1. SEP. 21, 2020	ISSUED FOR BUILDING PERMIT
4. SEP. 21, 2020	REVISION FOR CLIENT COMMENTARY
7. SEP. 21, 2020	CLIENT COMMENTARY
7. SEP. 21, 2020	CLIENT REVISION: INSULATION ELEVATIONS
7. SEP. 21, 2020	CLIENT REVISION: INSULATION ELEVATIONS
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P 9 d

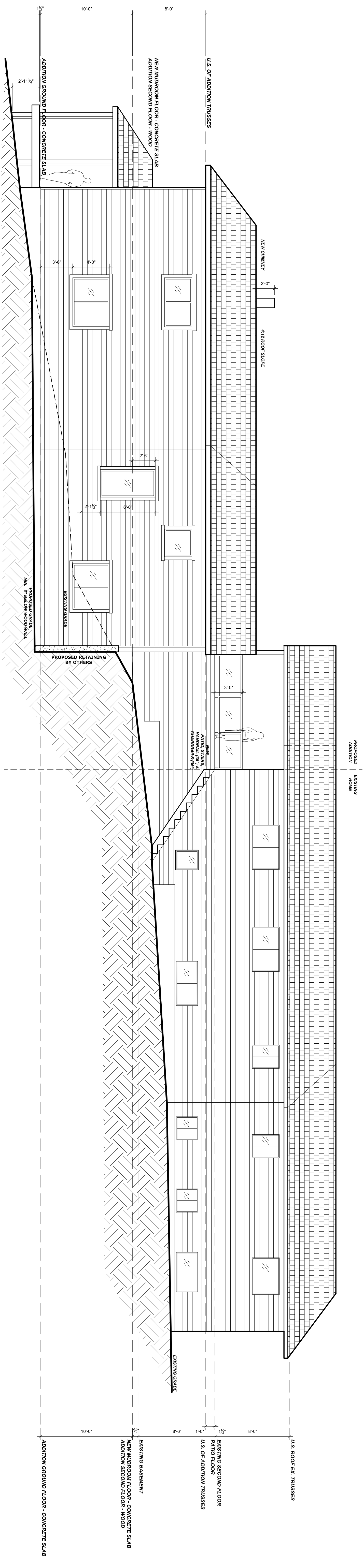
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BARTHA RESIDENCE
 RENOVATION & ADDITION
 8991 HIGHWAY 33 EAST
 KELOWNA, BC

**ELEVATIONS
 & MATERIALS**

Sept 21, 2020
 Project: P2010

A3.0



1 REAR / EAST ELEVATION
Scale: 3/16" = 1'-0"

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ISSUED FOR
BUILDING PERMIT

1. SEP 21 2020	ISSUED FOR BUILDING PERMIT
4. SEP 21 2020	REVISION FOR CLIENT COMMENTARY
7. SEP 21 2020	CLIENT RESUBMIT PERMIT ELEVATIONS
1. SEP 21 2020	CLIENT RESUBMIT PERMIT ELEVATIONS
1. SEP 21 2020	CLIENT RESUBMIT PERMIT ELEVATIONS

PD

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BARTHA RESIDENCE
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8991 HIGHWAY 33 EAST
KELLOWNA, BC

ELEVATION

Sept. 2, 2020
Project: P2010

A3.1