

PROPOSED 26' x 25' x 18' SHOP
EVERETT KOELLER

226 WASCANA CRESCENT
CALGARY, AB
T2J 1H8
50°57'36.2"N 114°03'45.8"W

DESIGN/CLIMATIC DATA

STRUCTURAL DESIGN IS ACCORDING TO:

- THE NATIONAL BUILDING CODE OF CANADA - 2023 ALBERTA EDITION.
- ENGINEERED DESIGN IN WOOD CSA 086:19

IMPORTANCE CATEGORY: NORMAL

LOCATION: CALGARY, AB
WIND: $q1/10 = 0.38 \text{ kPa}$
 $q1/50 = 0.48 \text{ kPa}$
SNOW: $S_s = 1.1 \text{ kPa}$
 $S_r = 0.1 \text{ kPa}$
FLOOR: $LL = 4.8 \text{ kPa}$

GENERAL NOTES:

- ALL DIMENSIONS ARE SHOWN IN FEET AND INCHES UNLESS NOTED OTHERWISE.
- THE STRUCTURAL DESIGN AND ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA - 2023 ALBERTA EDITION.
- NORMAL OCCUPANCY CLASSIFICATION
- WINDOW AND DOOR SIZES SHOWN ARE NOMINAL ONLY. EXACT DIMENSIONS AND ROUGH OPENING SIZES OF WINDOWS AND DOORS ARE TO BE SUPPLIED BY THE WINDOW AND DOOR MANUFACTURER PRIOR TO START OF CONSTRUCTION.
- INTEGRITY POST STRUCTURES ASSUMES NO RESPONSIBILITY FOR POTENTIAL FOUNDATION SETTLEMENT AND/OR FROST HEAVE, AS A GEOTECHNICAL INVESTIGATION WAS NOT CONDUCTED FOR THIS PROJECT. AN ALLOWABLE SITE BEARING CAPACITY OF 1500 PSF WAS ASSUMED FOR FOUNDATION DESIGN.
- ALL EXCAVATIONS FOR BUILDING FOUNDATIONS TO BE MADE IN UNDISTURBED NATIVE GROUND.

CONSTRUCTION NOTES:

- ALL CONSTRUCTION SHALL FOLLOW:
 - THE NATIONAL BUILDING CODE OF CANADA - 2023 ALBERTA EDITION.
 - LOCAL CODES AND BYLAWS.
 - ALBERTA OCCUPATIONAL HEALTH AND SAFETY REGULATIONS.

CLIENT DRAWING PACKAGE REVIEW

☐ APPROVED AS DRAWN

☐ REVISE AND RESUBMIT

SUBMITTAL OF ALL DRAWINGS LISTED IN THE DRAWING INDEX HAVE BEEN REVIEWED FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS.

BY APPROVING THIS DRAWING PACKAGE, I ACKNOWLEDGE THAT ANY FUTURE DESIGN AMENDMENTS ARE SUBJECT TO A DESIGN REVISION FEE.

BY: _____

DATE: _____

DRAWING INDEX

DWG	TITLE
A0.00	COVER SHEET
A0.01	SITE PLAN
A1.01	MAIN & SECOND FLOOR PLANS
A2.01	ELEVATIONS
A3.01	SECTIONS

THESE DRAWINGS ARE SUBJECT TO STRUCTURAL ENGINEER REVIEW. STRUCTURAL UPGRADES MAY BE REQUIRED BASED ON THE RESULTS OF THAT REVIEW.

NON TYPICAL DESIGN NOTES

- CONNECTION TO EXISTING BUILDING BY OTHERS (SEE DWG A1.01 & A2.01).

LEGEND

	WALL TYPE
	WINDOW TYPE
	DOOR TYPE
	ROOM NUMBER
	ROOF TYPE
	CEILING HEIGHT

BEAM ABBREVIATIONS

R-Bx	ROOF BEAM
LT-Bx	LEAN-TO BEAM
M-Bx	SECOND FLOOR BEAM
T-Bx	TRANSFER BEAM
S-Bx	SUPPORT BEAM

ASSEMBLIES:

R1 ROOF TYPE

- STANDARD RIDGE CAP WITH RIDGE VENTILATED FOAM
- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB
- ROOF MEMBRANE
- 1 LAYER OF 3/8" THICK OSB ROOF SHEATHING
- 2x6 ROOF STRAPPING @ 2' O/C
- 5' O/C PRE-ENGINEERED TRUSSES
- R40 CEILING INSULATION
- 6mm CGSB VAPOR BARRIER
- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB

W1 EXTERIOR WALL - EAVE

- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB
- HOUSE WRAP
- 2x4 STRAPPING @ 2' O/C. (EXTERIOR)
- LAMINATED POST WITH DURACOLUMN AND INTEGRITY POST DISC.
- INTEGRITY STORM BRACKET
- R28 WALL INSULATION
- 6mm CGSB VAPOR BARRIER
- 2x4 STRAPPING @ 2' O/C. (INTERIOR)
- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB

W2 EXTERIOR WALL - GABLE

- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB
- HOUSE WRAP
- 2x6 STRAPPING @ 2' O/C. (EXTERIOR)
- LAMINATED POST WITH DURACOLUMN AND INTEGRITY POST DISC.
- R28 WALL INSULATION
- 6mm CGSB VAPOR BARRIER
- 2x4 STRAPPING @ 2' O/C. (INTERIOR)
- PREMIUM 29 GAUGE HI-TENSILE FC36 PROFILE METAL INCLUDING A 3/4" RIB

F1 FLOOR TYPE

- 23/32" T&G OSB SUBFLOOR
- PRE-ENGINEERED FLOOR TRUSS



48223 338 AVE. E, OKOTOKS, AB T1S 1A8
(403) 938-9376

- THIS IS COPYRIGHT DRAWING AND DESIGN AND SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION OF POST FRAME ADVANTAGE.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERROR AND OMISSIONS TO THE ENGINEER PRIOR TO COMMENCING THE WORK.
- THESE DRAWING ARE NOT TO BE SCALED.

SEALS:

AMENDED DRAWINGS
DP No Date Received
DP2026-04108 2026-09-03
THESE DRAWINGS REFER TO THE ABOVE DEVELOPMENT PERMIT NO.

ENGINEERING CONSULTANT

ISSUED FOR

REV	DESCRIPTION	DATE
A	APPROVAL	2026/06/25
B	APPROVAL	2026/08/26
C	APPROVAL	2026/09/02

PROJECT TITLE:

26' x 25' x 18'

SHOP

EVERETT KOELLER

CALGARY, AB

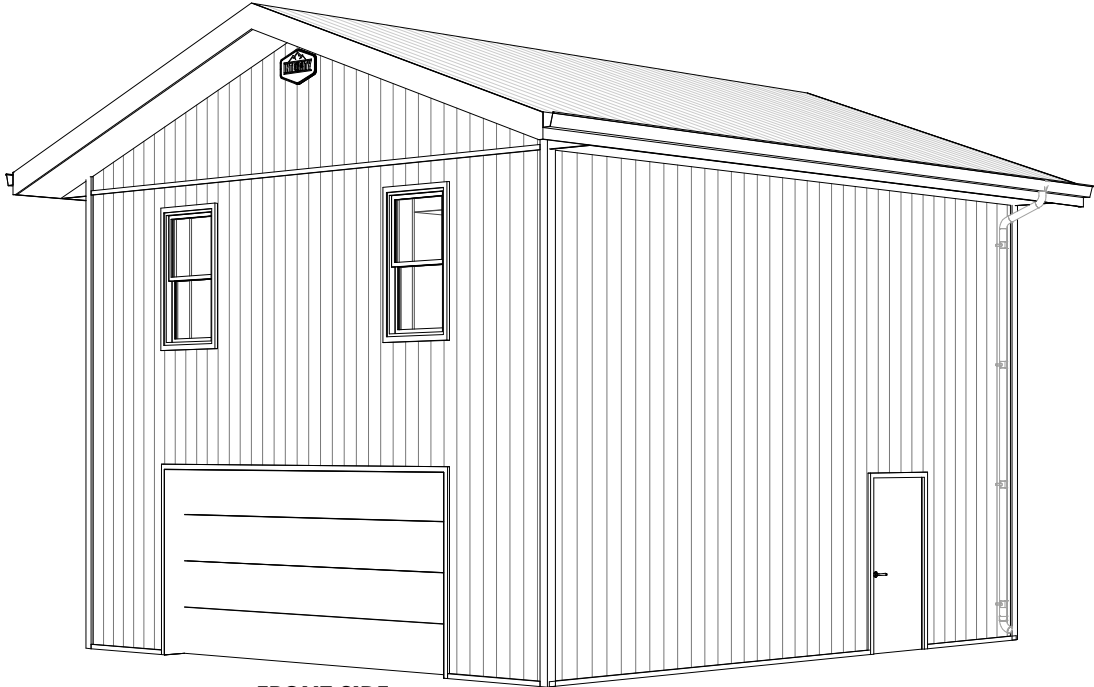
DRAWING TITLE:

COVER SHEET

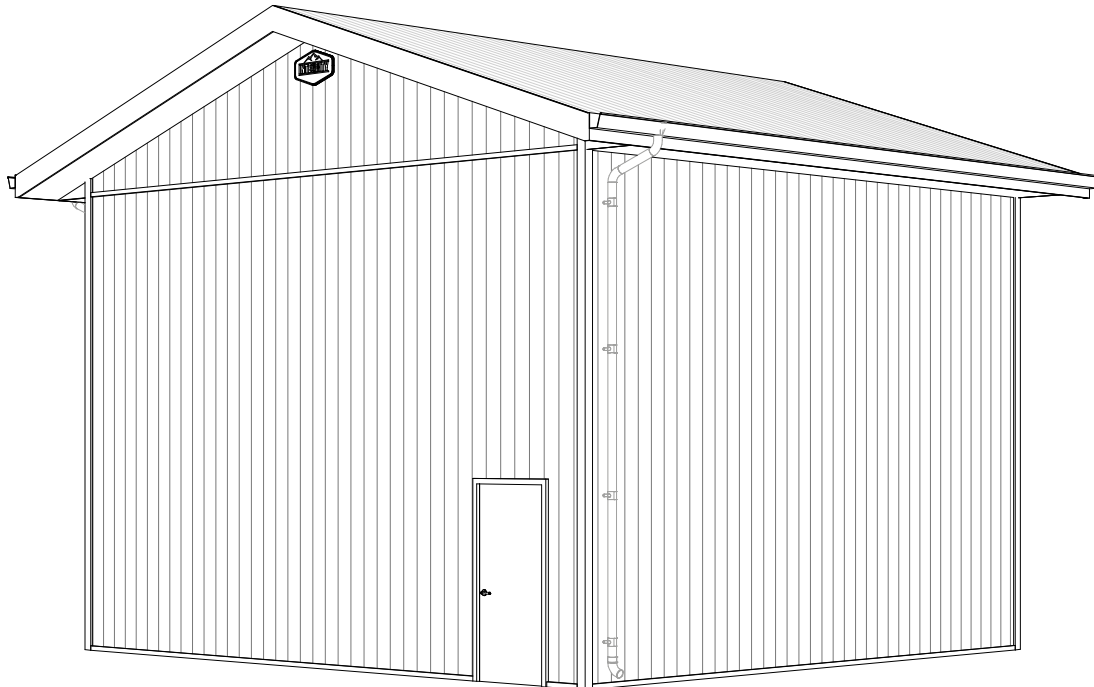
PROJECT NUMBER	51680
DATE	2026/09/02
DRAWN BY	TR
CHECKED BY	-
APPROVED BY	TH
ENGINEER	-

A0.00

SCALE NTS



FRONT SIDE



REAR SIDE

LEGEND

PROPERTY LINE:

SETBACK LINE:

EXISTING FENCE:

LIMITING DISTANCE LINE:

EXISTING BUILDINGS:

SITE DATA

LEGAL DESCRIPTION:

CIVIC ADDRESS:

GPS LOCATION:

LAND ZONING:

TOTAL SITE AREA

EXISTING DWELLING FOOTPRINT:

CONNECTION BUILDOUT FOOTPRINT:

PROPOSED SHOP FOOTPRINT:

TOTAL BUILDING **FOOTPRINT**:

BUILDING **AREA**:

TOTAL PARCEL COVERAGE:

PLAN 2679JK, BLOCK 13, LOT 24

226 WASCANA CRESCENT,
CALGARY, ALBERTA

50°57'36.2"N 114°03'45.8"W

RESIDENTIAL - CONTEXTUAL ONE DWELLING (R-C1)

482.12 m² / 5,189.55 ft² / 0.12 ac

145.53 m² / 1,566.44 ft²

1.20 m² / 12.87 ft²

60.39 m² / 650 ft²

207.11 m² / 2,229.31 ft²

99.68 m² / 1,073 ft² (PROPOSED SHOP ONLY)

42.96%

- SITE NOTES:
1.

2.

3.

4.
- THIS SITE PLAN PROVIDES THE PROPOSED LOCATION AND FOOTPRINT OF THE STRUCTURE AS PER THE ENGAGEMENT/CONTRACT WITH INTEGRITY BUILDERS. ALL SITE INFORMATION AND CONDITIONS I.E. UTILITIES, SERVICES, ABOVE AND BELOW GROUND, GRADE, AND CONTOUR PLAN TO BE PROVIDED BY OWNER AS REQUIRED.

OWNER TO CONFIRM ALL EXISTING AND PROPOSED UNDERGROUND UTILITY RIGHT OF WAYS, AND EXISTING STRUCTURES PRIOR TO CONSTRUCTION. INTEGRITY BUILDERS IS NOT RESPONSIBLE FOR THIS INFORMATION.

INTEGRITY BUILDERS TO SITE CONFIRM ALL DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE REGISTERED PROFESSIONAL OF RECORD.

INTEGRITY BUILDERS TO CONFIRM ALL DIMENSIONS WITH OWNER PRIOR TO CONSTRUCTION.



48223 338 AVE. E, OKOTOKS, AB T1S 1A8
(403) 938-9376

- THIS IS COPYRIGHT DRAWING AND DESIGN AND SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION OF POST FRAME ADVATANGE.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERROR AND OMISSIONS TO THE ENGINEER PRIOR TO COMMENCING THE WORK.
- THESE DRAWING ARE NOT TO BE SCALED.

SEALS:

AMENDED DRAWINGS

DP No

Date Received

DP2026-04108

2026-09-03

THESE DRAWINGS REFER TO THE ABOVE DEVELOPMENT PERMIT NO.

ENGINEERING CONSULTANT

ISSUED FOR		
REV	DESCRIPTION	DATE
B	APPROVAL	2026/08/26
C	APPROVAL	2026/09/02

PROJECT TITLE:

26' x 25' x 18'

SHOP

EVERETT KOELLER

CALGARY, AB

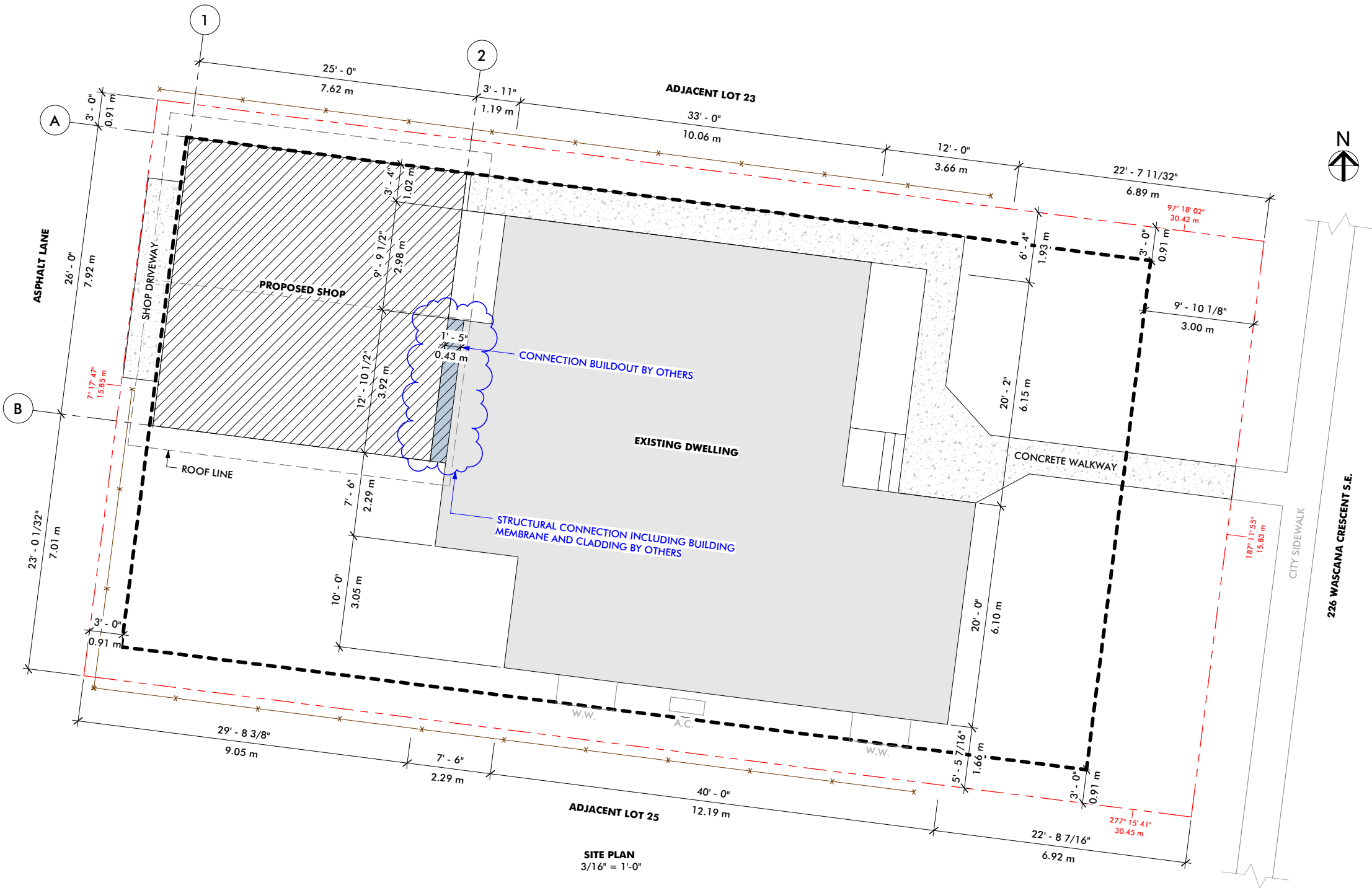
DRAWING TITLE:

SITE PLAN

PROJECT NUMBER	51680
DATE	2026/09/02
DRAWN BY	TR
CHECKED BY	-
APPROVED BY	TH
ENGINEER	-

A0.01

SCALE As indicated





48223 338 AVE. E, OKOTOKS, AB T1S 1A8
(403) 938-9376

- THIS IS COPYRIGHT DRAWING AND DESIGN AND SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION OF POST FRAME ADVATANGE.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERROR AND OMISSIONS TO THE ENGINEER PRIOR TO COMMENCING THE WORK.
- THESE DRAWING ARE NOT TO BE SCALED.

SEALS:

AMENDED DRAWINGS
DP No Date Received
DP2026-04108 2026-09-03
THESE DRAWINGS REFER TO THE ABOVE DEVELOPMENT PERMIT NO.

ENGINEERING CONSULTANT

ISSUED FOR		
REV	DESCRIPTION	DATE
A	APPROVAL	2026/06/25
B	APPROVAL	2026/08/26
C	APPROVAL	2026/09/02

PROJECT TITLE:

26' x 25' x 18'

SHOP

EVERETT KOELLER

CALGARY, AB

DRAWING TITLE:

ELEVATIONS

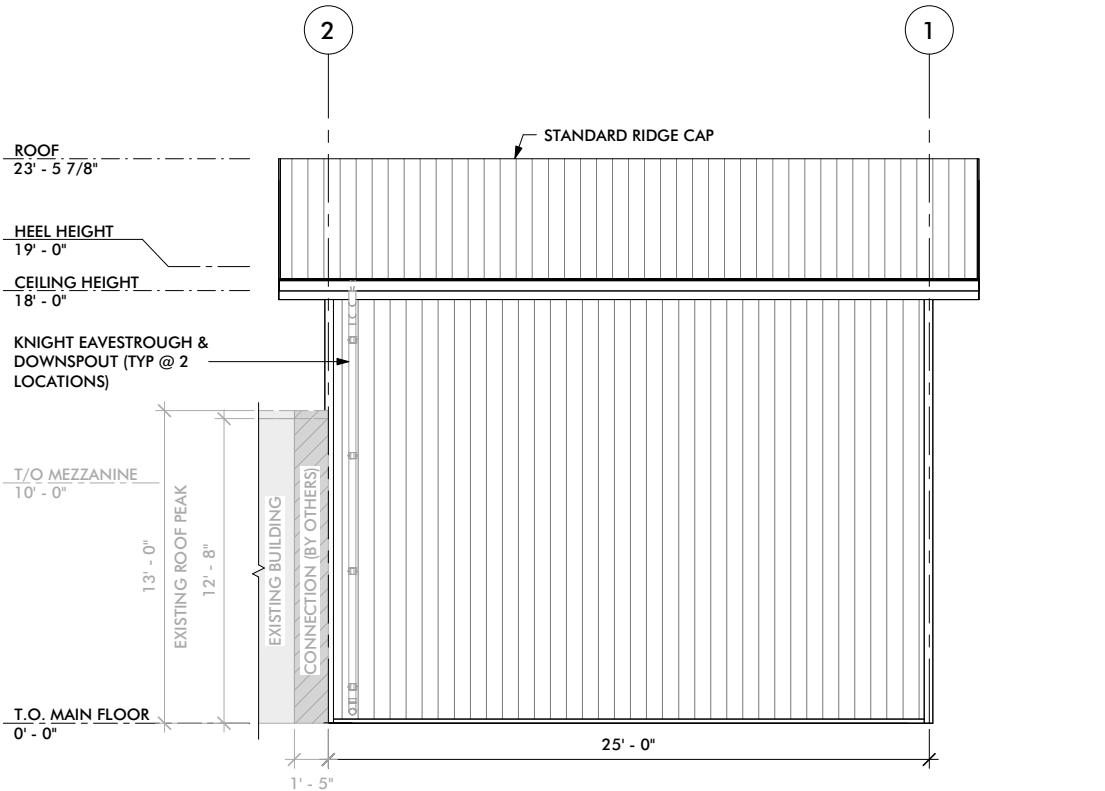
PROJECT NUMBER	51680
DATE	2026/09/02
DRAWN BY	TR
CHECKED BY	-
APPROVED BY	TH
ENGINEER	-

A2.01

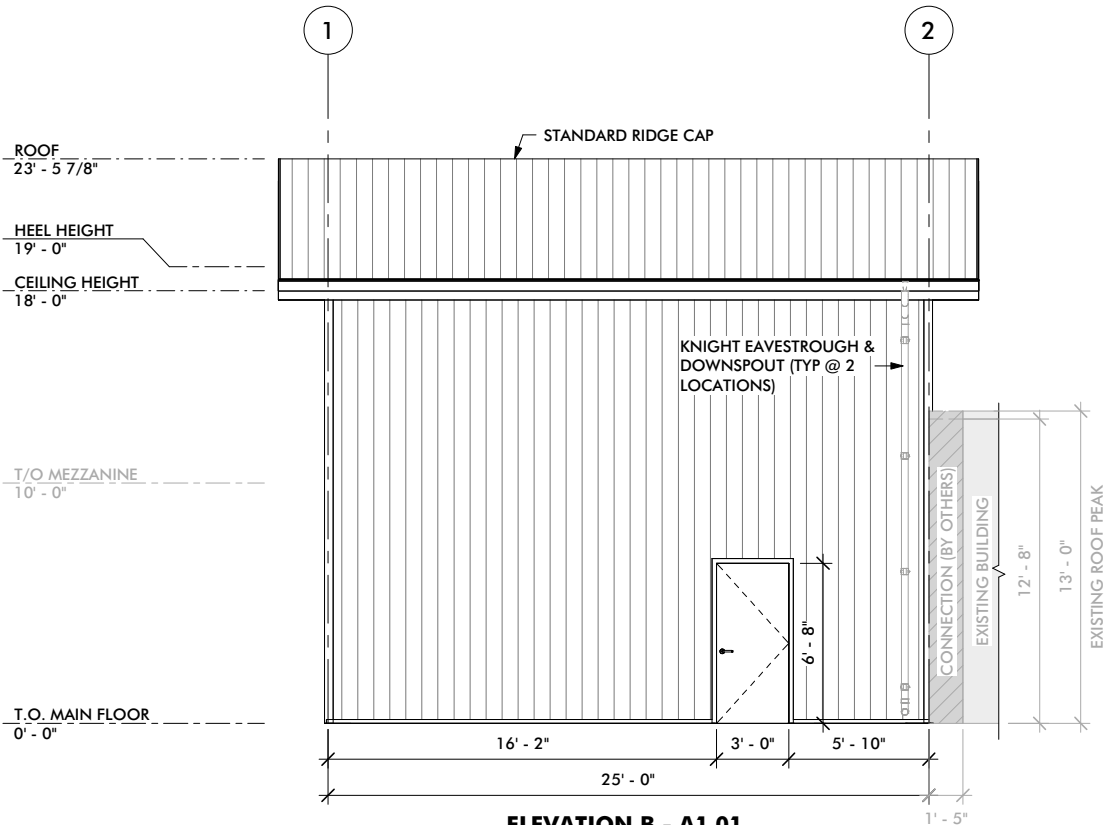
SCALE 1/4" = 1'-0"

NOTES:

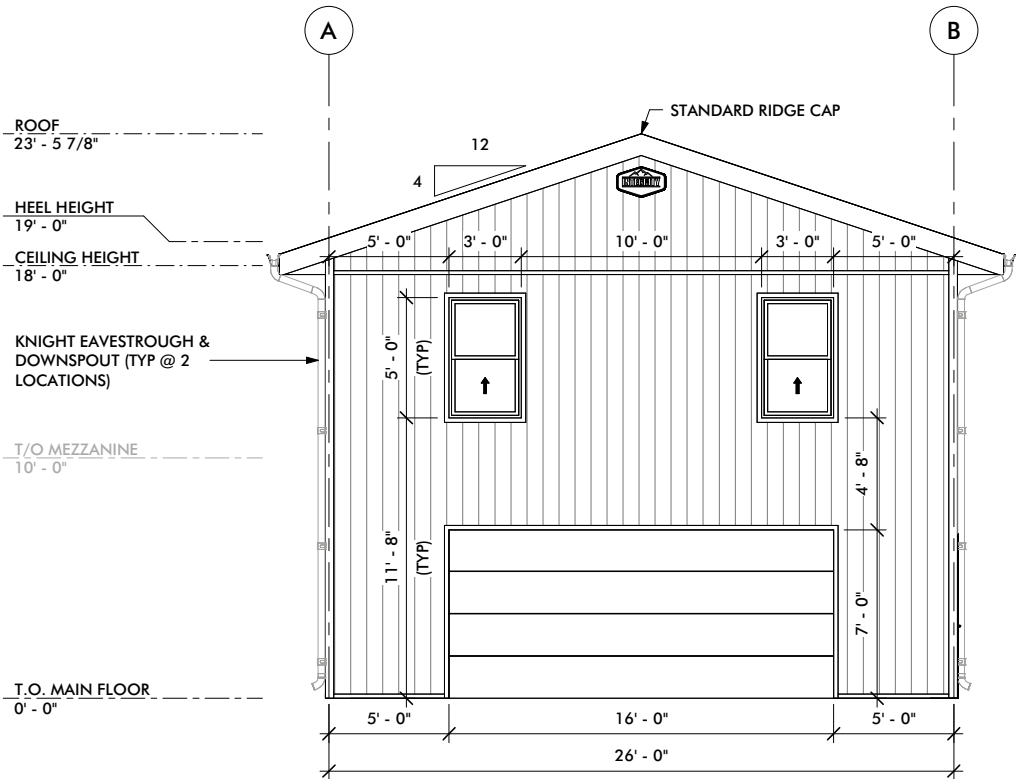
- FOR GENERAL AND CONSTRUCTION NOTES REFER TO DWG A0.00.



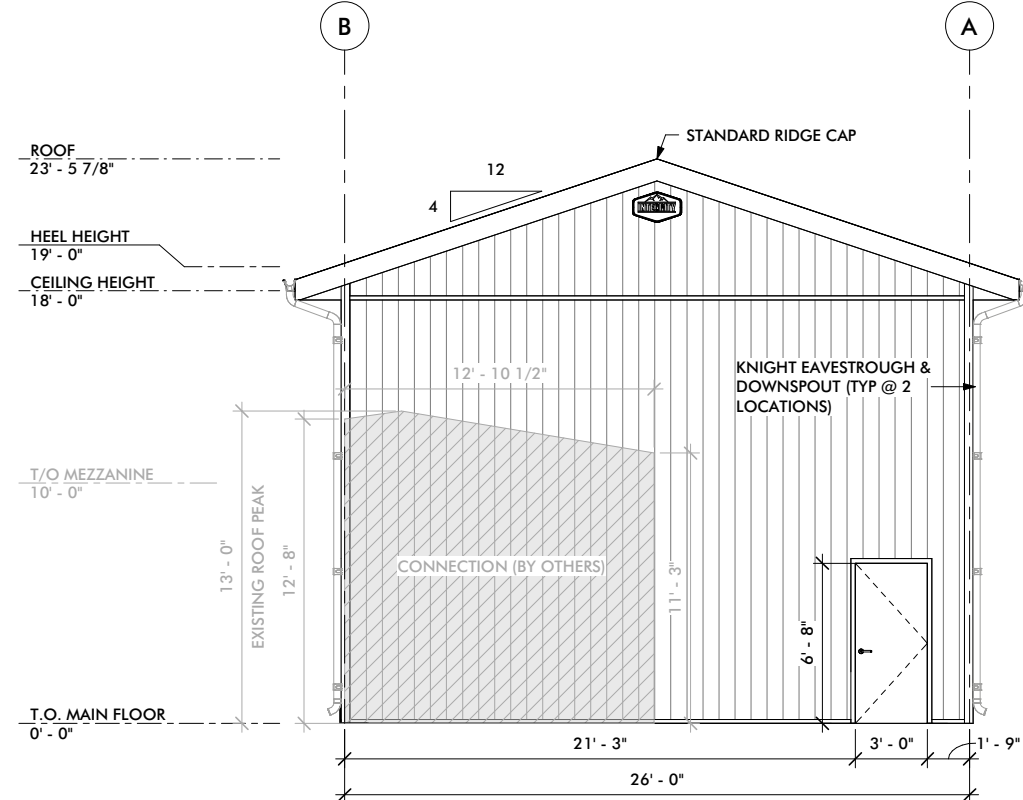
ELEVATION A - A1.01



ELEVATION B - A1.01



ELEVATION C - A1.01



ELEVATION D - A1.01