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FL DESIGN
 DRAFTING AND
 CONSULTING LTD
 1800 CORAL COURT, SUDBURY
 ONTARIO
 www.fl-designs.ca
 705-562-5820
 BCIN 120115

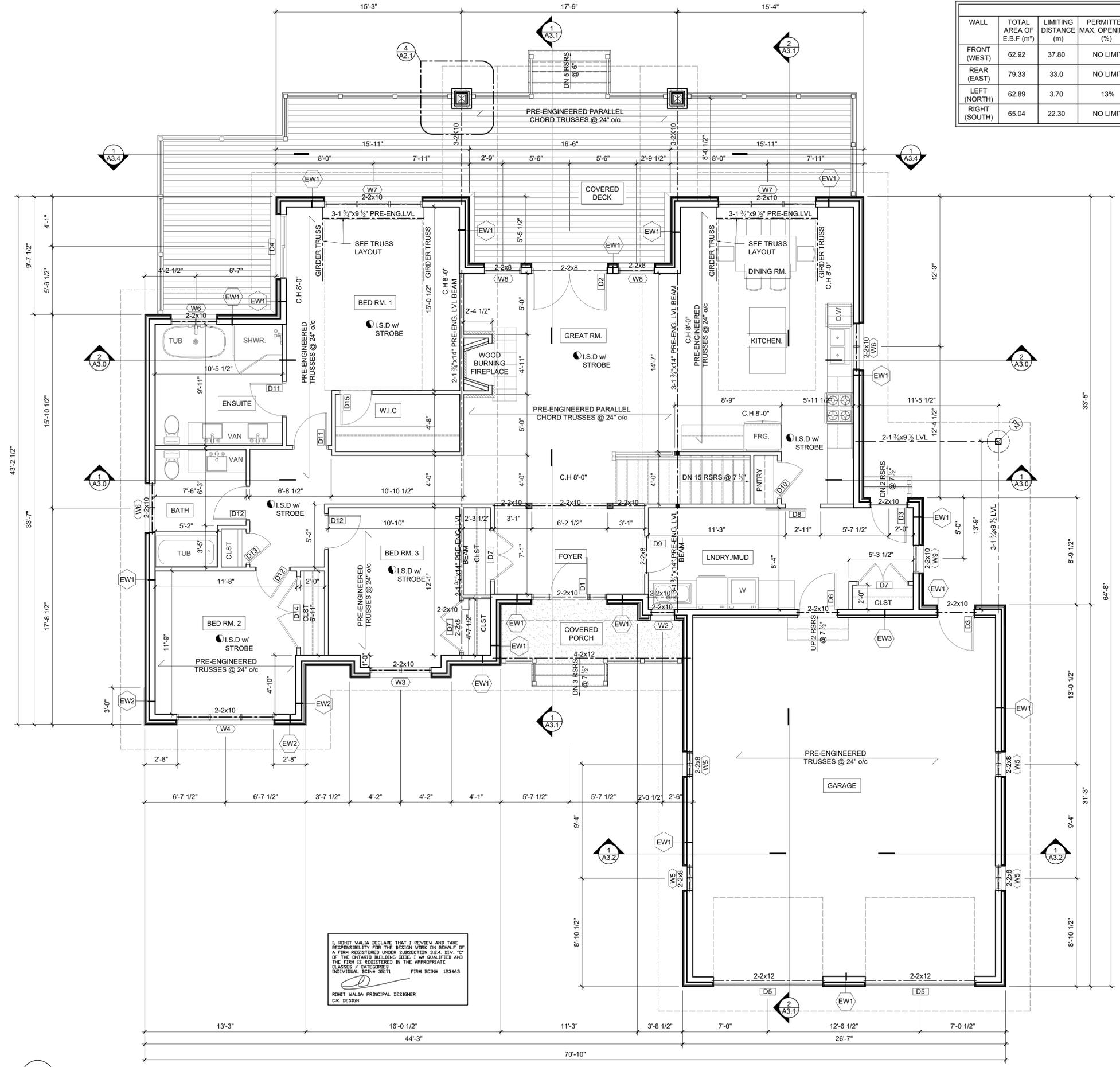
SPATIAL SEPARATION 9.10.14									
WALL	TOTAL AREA OF E.B.F (m ²)	LIMITING DISTANCE (m)	PERMITTED MAX. OPENINGS (%)	PROPOSED OPENINGS (%)	FRR (hrs)	TYPE OF CONSTRUCTION REQUIRED	TYPE OF CONSTRUCTION PROPOSED	TYPE OF CLADDING REQUIRED	TYPE OF CLADDING PROPOSED
FRONT (WEST)	62.92	37.80	NO LIMIT	34.6%	45 min (9.10.8.1)	COMB/NON-COMB	COMB.	COMB/NON-COMB	COMB.
REAR (EAST)	79.33	33.0	NO LIMIT	32.3%	45 min (9.10.8.1)	COMB/NON-COMB	COMB.	COMB/NON-COMB	COMB.
LEFT (NORTH)	62.89	3.70	13%	13%	45 min (9.10.8.1)	COMB/NON-COMB	COMB.	COMB/NON-COMB	COMB.
RIGHT (SOUTH)	65.04	22.30	NO LIMIT	8.2%	45 min (9.10.8.1)	COMB/NON-COMB	COMB.	COMB/NON-COMB	COMB.

CONSTRUCTION ASSEMBLIES

- CONSTRUCTION ASSEMBLIES**
- FW1) TYPICAL FOUNDATION WALL 1**
 2 COATS OF BITUMEN ROLL APPLIED DAMP PROOFING
 9 5/8" CONCRETE MASONRY UNIT FOUNDATION WALL
 2" R10 CONTINUOUS RIGID INSULATION
 2x4 STUDS @ 16" o/c
 R12 BATT INSULATION
 6mil POLYETHYLENE VAPOR BARRIER
 - FW2) TYPICAL FOUNDATION WALL 2**
 2 COATS OF BITUMEN ROLL APPLIED DAMP PROOFING
 7 5/8" CONCRETE MASONRY UNIT FOUNDATION WALL
 2" R10 CONTINUOUS RIGID INSULATION
 2x4 STUDS @ 16" o/c
 R12 FIBERGLASS BATT INSULATION
 6mil POLYETHYLENE VAPOR BARRIER
 - FW3) TYPICAL FOUNDATION WALL 3**
 9 5/8" CONCRETE MASONRY UNIT FOUNDATION WALL c/w R10 RIGID INSULATION TO 24" BELOW GRADE
 - FW4) TYPICAL FOUNDATION WALL 4**
 7-5/8" CONCRETE MASONRY UNIT FOUNDATION WALL
 - EW1) TYPICAL EXTERIOR WALL 1**
 SIMILAR TO MMAH SB-12 3.1.1.2 A COMPLIANCE PACKAGE A2
 VERTICAL PRE-FINISHED BOARD AND BATON WOOD SIDING
 1x3 STRAPPING AT 16" o/c
 2" R10 CONTINUOUS RIGID INSULATION
 SPUN-BONDED POLYETHYLENE AIR BARRIER
 1/2" OSB SHEATHING
 2x6 STUDS @ 16" o/c
 R20 FIBERGLASS BATT INSULATION
 6 mil. POLYETHYLENE VAPOR BARRIER
 1/2" GYPSUM BOARD
 - EW2) TYPICAL EXTERIOR WALL 2**
 SIMILAR TO MMAH SB-12 3.1.1.2 A COMPLIANCE PACKAGE A2
 VERTICAL PRE-FINISHED BOARD AND BATON WOOD SIDING ABOVE MASONRY VENEER CLADDING
 1x3 STRAPPING AT 16" o/c
 2" R10 CONTINUOUS RIGID INSULATION
 SPUN-BONDED POLYETHYLENE AIR BARRIER
 1/2" OSB SHEATHING
 2x6 STUDS @ 16" o/c
 R20 FIBERGLASS BATT INSULATION
 6 mil. POLYETHYLENE VAPOR BARRIER
 1/2" GYPSUM BOARD
 - EW3) TYPICAL EXTERIOR WALL 3**
 SIMILAR TO MMAH SB-12 3.1.1.2 A COMPLIANCE PACKAGE A2
 1/2" GYPSUM BOARDS
 2" R10 CONTINUOUS RIGID INSULATION
 SPUN-BONDED POLYETHYLENE AIR BARRIER
 1/2" OSB SHEATHING
 2x6 STUDS @ 16" o/c
 R20 FIBERGLASS BATT INSULATION
 6 mil. POLYETHYLENE VAPOR BARRIER
 1/2" GYPSUM BOARD
 - IP1) TYPICAL INTERIOR PARTITION**
 ALL INTERIOR PARTITIONS TO BE IP1 UNLESS NOTED OTHERWISE
 1/2" GYPSUM BOARD
 2x4 STUDS @ 16" o/c
 1/2" GYPSUM BOARDS
 - F1) TYPICAL BASEMENT FLOOR ASSEMBLY**
 SIMILAR TO MMAH SB-12 3.1.1.2 A COMPLIANCE PACKAGE A2
 POURED CONCRETE SLAB ON GRADE
 2" R10 RIGID CONTINUOUS INSULATION
 6 mil. POLYETHYLENE VAPOR/AIR BARRIER JOINTS LAPPED 12" MIN. AND INSTALLED IN ACCORDANCE WITH MMAH SUPPLEMENTARY STANDARD SB-9
 4" MINIMUM COMPACTED GRANULAR FILL COMPACTED TO 98% PROC.
 - F2) TYPICAL GROUND FLOOR ASSEMBLY**
 FINISHED FLOOR
 1/2" PLYWOOD SUB-FLOOR
 2x12 JOISTS @ 16" o/c c/w BRIDGING
 RESILIENT CHANNEL @ 16" o/c
 - F3) TYPICAL GARAGE FLOOR ASSEMBLY**
 POURED CONCRETE SLAB ON GRADE c/w 4x4 WELDED WIRE MESH AT MID DEPTH w/ MINIMUM 4" LAP
 6 mil. POLYETHYLENE VAPOR/AIR BARRIER JOINTS LAPPED 12" MIN. AND INSTALLED IN ACCORDANCE WITH MMAH SUPPLEMENTARY STANDARD SB-9
 4" MINIMUM COMPACTED GRANULAR FILL COMPACTED TO 98% PROC.
- TYPICAL ROOF ASSEMBLIES**
- R1) SIMILAR TO MMAH SB-12 3.1.1.2 A COMPLIANCE PACKAGE A2**
 25 YR ASPHALT SHINGLES
 SYNTHETIC ROOF UNDERLAY
 2 ROWS ICE AND WATER SHIELD MEMBRANE AT EAVES AND VALLEYS
 1/2" OSB SHEATHING w/ EDGES SUPPORTED
 PRE-ENGINEERED ROOF TRUSSES @ 24" o/c
 R60 FIBERGLASS BLOWN INSULATION
 6 mil. POLYETHYLENE VAPOR BARRIER
 RESILIENT CHANNEL @ 16" o/c
 1/2" GYPSUM BOARD
 - R2) 25 YR ASPHALT SHINGLES**
 SYNTHETIC ROOF UNDERLAY
 2 ROWS ICE AND WATER SHIELD MEMBRANE AT EAVES AND VALLEYS
 1/2" OSB SHEATHING w/ EDGES SUPPORTED
 PRE-ENGINEERED PARALLEL CHORD TRUSSES @ 24" o/c
 R60 FIBERGLASS BLOWN INSULATION
 6 mil. POLYETHYLENE VAPOR BARRIER
 RESILIENT CHANNEL @ 16" o/c
 1/2" GYPSUM BOARD
 - R3) 25 YR ASPHALT SHINGLES**
 SYNTHETIC ROOF UNDERLAY
 2 ROWS ICE AND WATER SHIELD MEMBRANE AT EAVES AND VALLEYS
 1/2" OSB SHEATHING w/ EDGES SUPPORTED
 PRE-ENGINEERED ROOF TRUSSES @ 24" o/c
 2x2 STRAPPING @ 16" o/c
 PRE-FINISHED ALUMINUM VENTED SOFFIT
- PRE-ENGINEERED ROOF TRUSSES**
- REFER TO ENGINEERED TRUSS DRAWINGS FOR FRAMING, SIZING, CONNECTIONS AND LAYOUT OF ALL PRE-ENGINEERED ROOF TRUSSES AND STRUCTURAL ELEMENTS

LEGEND

- PRECAST CONCRETE MASONRY UNITS
- PRECAST OR POURED CONCRETE
- COMPACTED GRANULAR FILL
- UNDISTURBED NATIVE SOIL
- PRE-FINISHED VENTED ALUMINUM SOFFIT
- BRICK/ STONE VENEER CLADDING
- SANITARY ROUGH IN
- PLUMBING STACK
- HARDWIRED INTERCONNECTED SMOKE DETECTOR c/w VISUAL COMPONENT
- CARBON MONOXIDE DETECTOR



I, ROHIT WALIA DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 32.4, DIV. 1 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES. INDIVIDUAL BCIN# 35171 FIRM BCIN# 123463
 ROHIT WALIA - PRINCIPAL DESIGNER
 C.R. DESIGN

1 GROUND FLOOR PLAN
A2.0 SCALE: 1/4"=1'-0"

ISSUED FOR

DSGN REV 1	2025-01-10
CLNT REV 2	2025-01-27
DSG. FINAL	2025-02-13
TRUSS REV.	2025-02-13
BCIN REV	2025-02-26
PERMIT	

PROJECT/ CLIENT
 SINGLE FAMILY COTTAGE

DRAWING TITLE
 GROUND FLOOR PLAN

SCALE
 1/4"=1'-0"

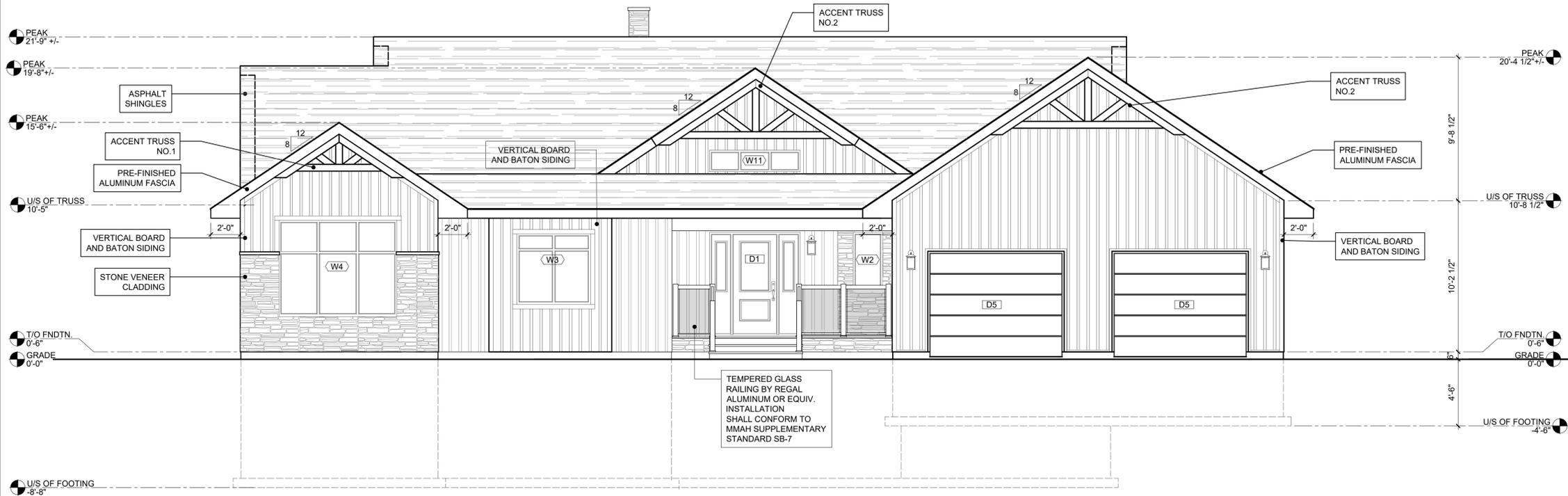
DATE
 2025-02-26

DESIGN BY CHCKD BY
 A.A.L. A.A.L.

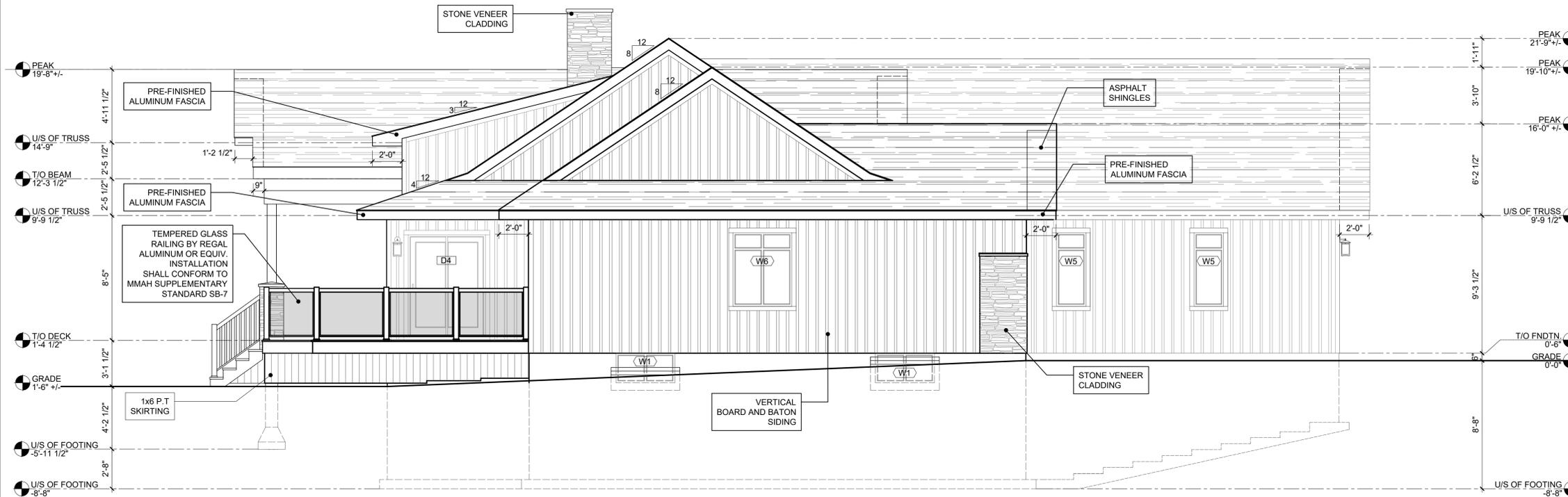
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 A.A.L. R.W.

PROJECT NUMBER
 2024-051

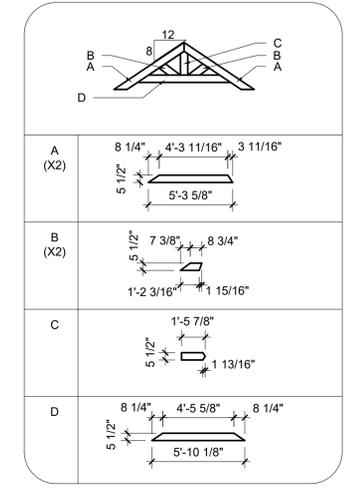
SHEET NUMBER
A2.0



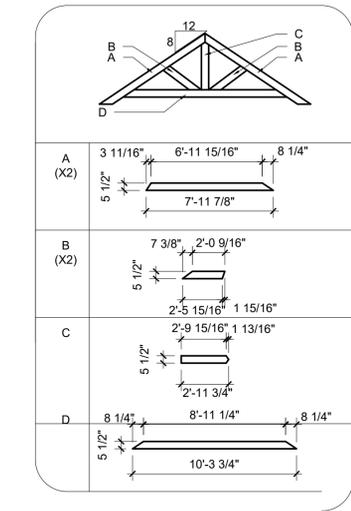
1 FRONT (WEST) ELEVATION
A4.0 SCALE: 1/4"=1'-0"



2 LEFT SIDE (NORTH) ELEVATION
A4.0 SCALE: 1/4"=1'-0"



ACCENT TRUSS NO. 1
SCALE: 3/16" = 1'-0"



ACCENT TRUSS NO. 2
SCALE: 3/16" = 1'-0"

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TRUSS REV.	2025-02-13
BCIN REV	2025-02-26
PERMIT	

- LEGEND**
- PRECAST CONCRETE MASONRY UNITS
 - PRECAST OR POURED CONCRETE
 - COMPACTED GRANULAR FILL
 - UNDISTURBED NATIVE SOIL
 - PRE-FINISHED VENTED ALUMINUM SOFFIT
 - BRICK/STONE VENEER CLADDING

PROJECT/ CLIENT
SINGLE FAMILY COTTAGE

DRAWING TITLE
ELEVATIONS
ACCENT TRUSS DIAGRAMS

SCALE
AS NOTED

DATE
2025-02-26

DESIGN BY
A.A.L

CHK'D BY
A.A.L

DRAWN BY
A.A.L

BCIN
R.W

PROJECT NUMBER
2024-051

SHEET NUMBER

I, ROHIT WALIA DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 3.2.4, DIV. "C" OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES INDIVIDUAL BCIN# 35171 FIRM BCIN# 123463

ROHIT WALIA PRINCIPAL DESIGNER
C.R. DESIGN

A4.0

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CLNT. REV 2	2025-01-27
DSGN. FINAL	2025-02-13
TRUSS REV.	2025-02-13
BCIN REV	2025-06-26
PERMIT	

LEGEND

	PRECAST CONCRETE MASONRY UNITS
	PRECAST OR POURED CONCRETE
	COMPACTED GRANULAR FILL
	UNDISTURBED NATIVE SOIL
	PRE-FINISHED VENTED ALUMINUM SOFFIT
	BRICK/STONE VENEER CLADDING

PROJECT/ CLIENT
SINGLE FAMILY COTTAGE
1410 BAY ESTATED RD
NEMI, ONTARIO
CHRIS BURCH
CAPREOL, ONTARIO

DRAWING TITLE
ELEVATIONS

SCALE
1/4"=1'-0"

DATE
2025-02-13

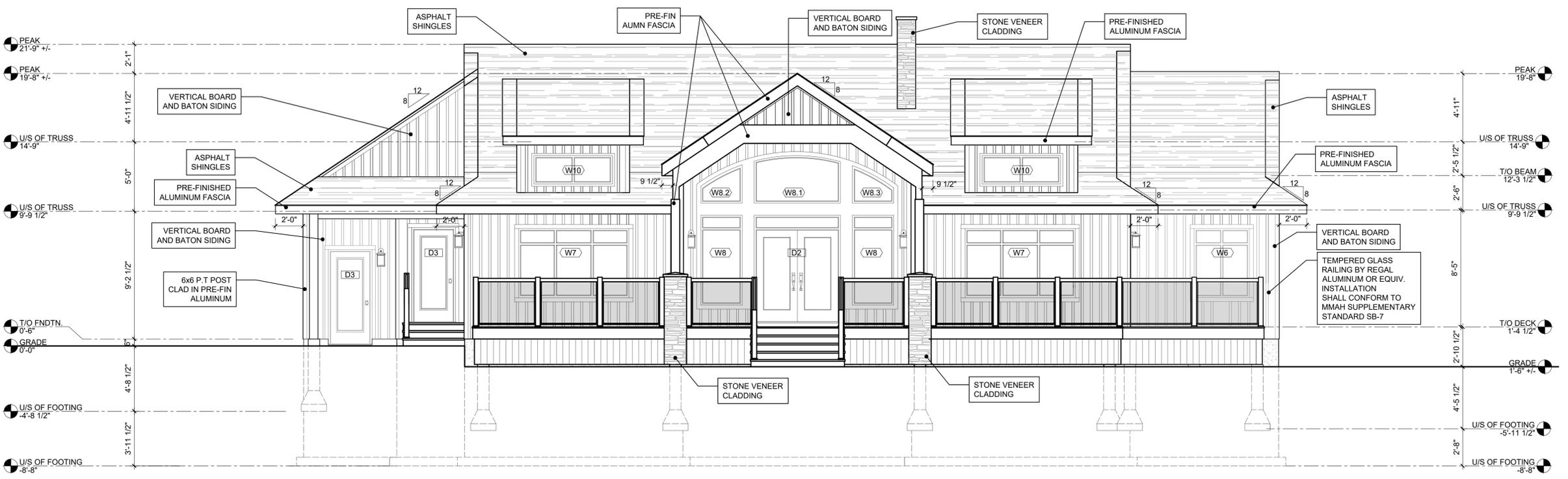
DESIGN BY A.A.L
CHK'D BY A.A.L

DRAWN BY A.A.L
BCIN R.W

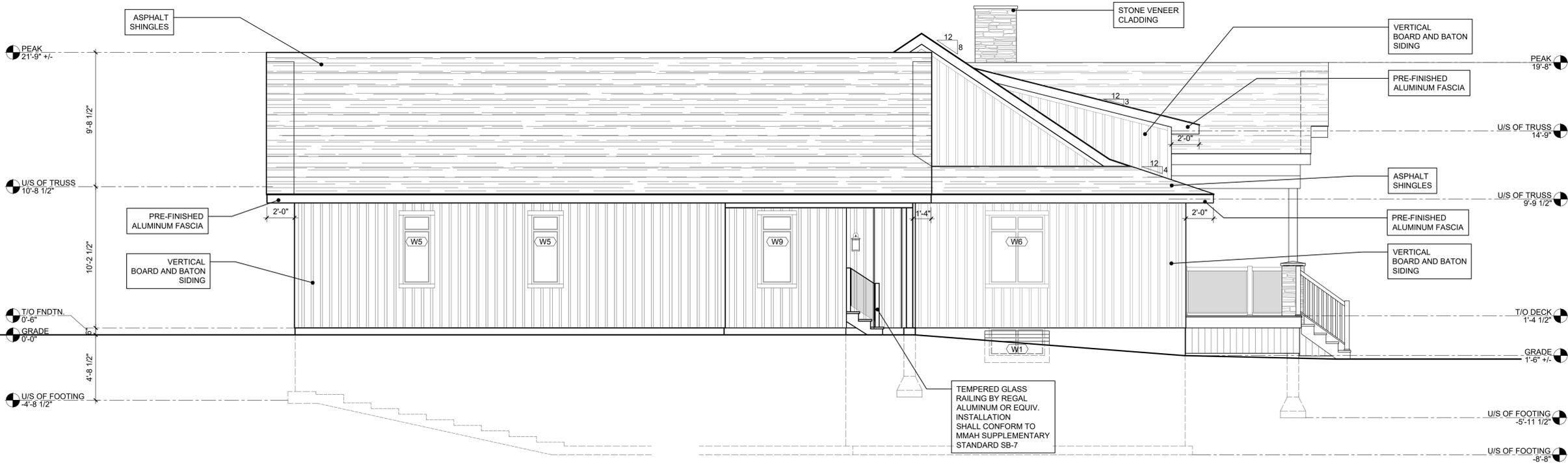
PROJECT NUMBER
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SHEET NUMBER

A4.1



1 REAR (EAST) ELEVATION
A4.1 SCALE: 1/4"=1'-0"



2 RIGHT (SOUTH) ELEVATION
A4.1 SCALE: 1/4"=1'-0"

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