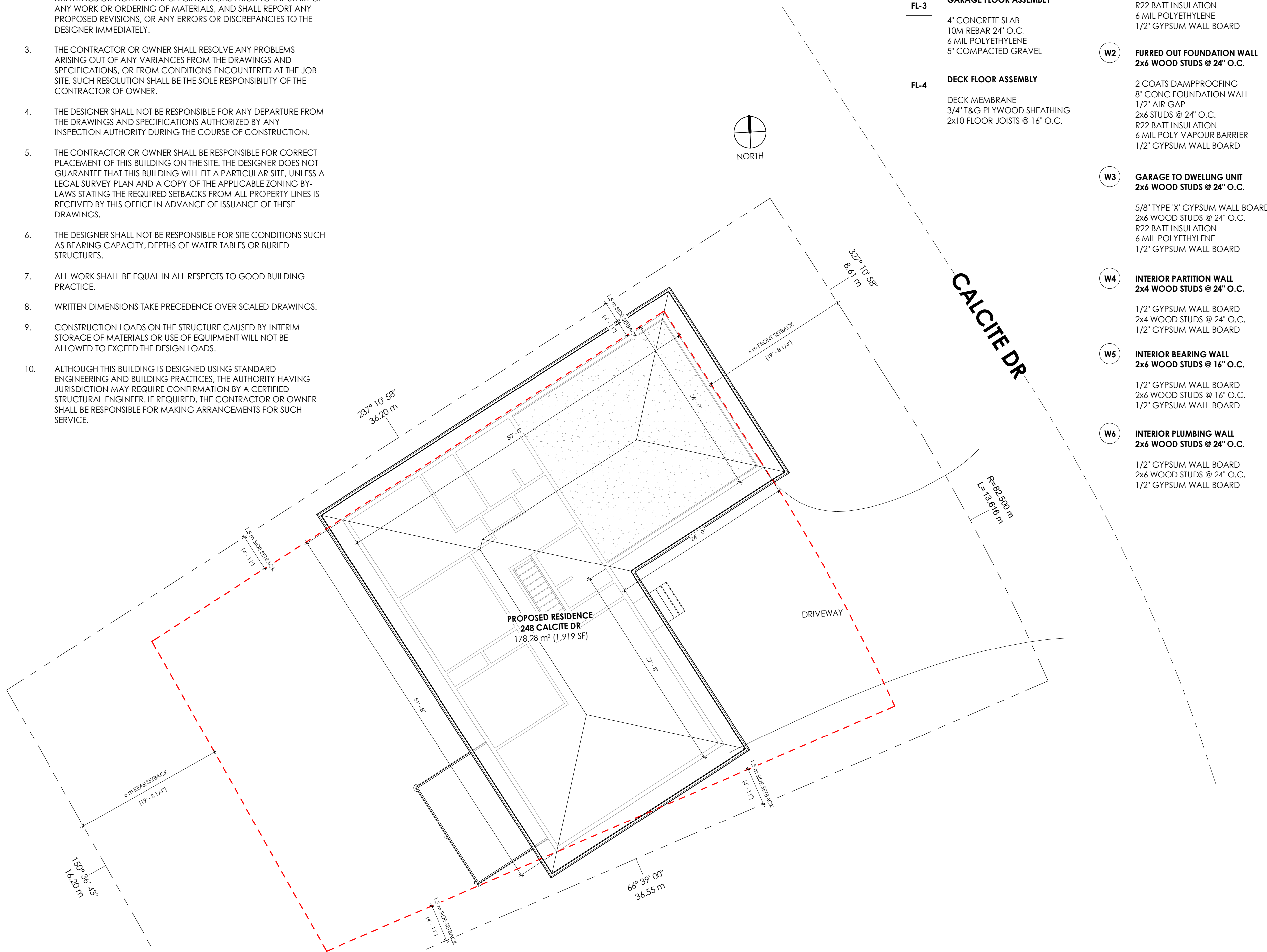


248 CALCITE DR - NEW SINGLE FAMILY DWELLING
LOGAN LAKE, BC V0K 1W0

BUILDING PERMIT SET - REVISED 01-APR-20

LOT INFORMATION		ABBREVIATIONS	
PROJECT ADDRESS: 248 CALCITE DR, LOGAN LAKE, BC V0K 1W0		#	POUND OR NUMBER
LEGAL DESCRIPTION: L 35 PL KAP32012 DL Z217 KAMLOOPS DIVISION OF YALE DIST		&	AND
PID: 001-791-257		@	AT
ZONING: R1 (SINGLE FAMILY RESIDENTIAL)		ACT	ACOUSTIC CEILING TILE
SETBACKS	FRONT	AD	AREA DRAIN
	SIDE	AFF	ABOVE FINISHED FLOOR
	REAR	ALUM	ALUMINUM
		ANOD	ANODIZED
		BSMT	BASEMENT
		BYND	BEYOND
		BOT	BOTTOM
		CIP	CAST IN PLACE
		CHNL	CHANNEL
		CJ	CONTROL JOINT
		CLG	CEILING
		CLR	CLEAR
		CMU	CONCRETE MASONRY UNIT
		COL	COLUMN
		COMPR	COMPRESSIBLE
		CONC	CONCRETE
		CONT	CONTINUOUS
		CPT	CARPET
		CT	CERAMIC TILE
		CTYD	COURTYARD
		DBL	DOUBLE
		DEMO	DEMOLISH OR DEMOLITION
		DIA	DIAMETER
		DIM	DIMENSION
		DIMS	DIMENSIONS
		DN	DOWN
		DR	DOOR
		DWG	DRAWING
		EA	EACH
		EJ	EXPANSION JOINT
		EL	ELEVATION
		ELEC	ELECTRICAL
		ELEV	ELEVATOR OR ELEVATION
		EPDM	ETHYLENE PROPYLENE DIENE M-CLASS (ROOFING)
		EQ	EQUAL
		EXIST	EXISTING
		EXP JT	EXPANSION JOINT
		EXT	EXTERIOR
		FE	FIRE EXTINGUISHER
		FIN	FINISHED
		FIXT	FIXTURE
		FLR	FLOOR
		FM	FILLED METAL
		FO	FACE OF
		FND	FOUNDATION
		GA	GAUGE
		GALV	GALVANIZED
		GWB	GYPNUM WALL BOARD
		HC	HOLLOW CORE
		HI	HIGH
		HM	HOLLOW METAL
		HORIZ	HORIZONTALLY OR HORIZONTAL
		HP	HIGH POINT
		HR	HOUR
		HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
		IRGWB	IMPACT RESISTANT GYPNUM WALL BOARD
		ILO	IN LIEU OF
		INSUL	INSULATED OR INSULATION
		INT	INTERIOR
		LO	LOW
		MAX	MAXIMUM
		MO	MASONRY OPENING
		MECH	MECHANICAL
		MEMBR	MEMBRANE
		MIN	MINIMUM
		MROGWB	MOISTURE-RESISTANT GYPNUM WALL BOARD
		MTL	METAL
		NIC	NOT IN CONTRACT
		NO	NUMBER
		NOM	NOMINAL
		OC	ON CENTER
		OH	OVERHANG OR OPPOSITE HAND
		OPP	OPPOSITE OR OPPOSITE HAND
		OZ	OUNCE
		PCC	PRE-CAST CONCRETE
		PLUMB	PLUMBING
		PLYD	PLYWOOD
		PT	PRESSURE TREATED
		PNT	PAINT OR PAINTED
		PVC	POLYVINYL CHLORIDE
		RBR	RUBBER
		RCP	REFLECTED CEILING PLAN
		RD	ROOF DRAIN
		REQD	REQUIRED
		RM	ROOM
		SIM	SIMILAR
		SPEC	SPECIFIED OR SPECIFICATION
		SPK	SPRINKLER OR SPEAKER
		STC	STAINLESS STEEL
		STC	SOUND TRANSMISSION COEFFICIENT
		STL	STEEL
		STRUCT	STRUCTURE OR STRUCTURAL
		T&G	TONGUE AND GROOVE
		TELE	TELEPHONE
		TBD	TO BE DETERMINED
		TOLT	TOILET
		TME	TO MATCH EXISTING
		TO	TOP OF
		TOC	TOP OF CONCRETE
		TOS	TOP OF STEEL
		TPD	TOILET PAPER DISPENSER
		T/D	TELEPHONE/DATA
		TYP	TYPICAL
		UNO	UNLESS NOTED OTHERWISE
		U/S	UNDERSIDE
		VERT	VERTICALLY OR VERTICAL
		VIF	VERIFY IN FIELD
		VP	VISION PANEL
		WD	WOOD
LOT SIZE		711.26 m² (7,656 SF)	
PROPOSED LOT COVERAGE		178.28 m² / 711.26 m² = 25% OK	
MAX BUILDING AREA		40%	
MAX BLDG HEIGHT ALLOWED		2 STOREYS	
GENERAL PROJECT INFORMATION			
BUILDING CONSTRUCTION		PART 9 WOOD FRAME CONSTRUCTION	
OCCUPANCY TYPE		GROUP C - RESIDENTIAL	
BUILDING AREA			
BASEMENT FLOOR AREA		1,343 SF	
MAIN FLOOR AREA		1,343 SF	
GARAGE AREA		576 SF	
TOTAL HEATED AREA		2,686 SF	
PROPOSED BUILDING FOOTPRINT		1,919 SF (178.28 m²)	
ENERGY EFFICIENCY REQUIREMENTS - SECTION 9.36 BCBC			
1.	BUILDING MUST COMPLY WITH THE PRESCRIPTIVE REQUIREMENTS OF SUBSECTIONS 9.36.2 THROUGH 9.36.4 BCBC.		
2.	BUILDING IS IN CLIMATE ZONE 5 AS OUTLINED IN SECTION 9.36.		
3.	CONTINUITY OF INSULATION 9.36.2.5 – THE CONTINUITY OF EFFECTIVENESS OF INSULATION IS REQUIRED. THIS MAY NOT REQUIRE CONTINUOUS INSULATION, SINCE THE CODE PERMITS INTERRUPTIONS FROM FRAMING AND OTHER PENETRATIONS. SEE ASSEMBLY CALCULATIONS AND DETAILS ON A.09. REFER ALSO TO THE ILLUSTRATED GUIDE "ENERGY EFFICIENCY REQUIREMENTS FOR HOUSES IN BRITISH COLUMBIA" FOR CLIMATE ZONE 4 FOR DETAILS.		
4.	FOUNDATION WALL – INSULATION SEPARATION BY THE FOUNDATION WALL AT THE FLOOR SLAB IS NOT REQUIRED TO BE CONTINUOUS, PROVIDED THE EXTERIOR INSULATION EXTENDS DOWN TO THE FOOTING.		
5.	WHERE TWO PLANES OF INSULATION ARE SEPARATED BY A BUILDING ENVELOPE ASSEMBLY AND CANNOT BE PHYSICALLY JOINED, ONE OF THE PLANES OF INSULATION MUST BE EXTENDED TO OVERLAP FOUR TIMES THE THICKNESS OF THE SEPARATION.		
6.	THE THERMAL BRIDGING EFFECT OF CLOSELY SPACED REPETITIVE STRUCTURAL MEMBER LIKE STUDS AND JOISTS, AND OF ANCILLARY MEMBERS LIKE UNTELS, SILLS AND PLATES, MUST BE ACCOUNTED FOR WHEN CALCULATING THE THERMAL RESISTANCE OF BUILDING ENVELOPE ASSEMBLIES. USE NORMAL INSULATION RATING FROM TABLE 1 9.36.2.6 TO CALCULATE EFFECTIVE INSULATION REQUIREMENT RSI.		
7.	MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS PLACED WITHIN AND PARALLEL TO AN EXTERIOR WALL ARE REQUIRED TO BE INSULATED TO THE EFFECTIVE THERMAL RESISTANCE REQUIRED FOR THE WALL AT THE PROJECTED AREA OF THE SYSTEM COMPONENT.		
8.	JOINTS AND JUNCTIONS BETWEEN WALLS AND OTHER COMPONENTS LIKE WINDOWS AND DOORS NEED TO HAVE THE SAME EFFECTIVE R-VALUE AS THE LOWER OF THE ADJOINING COMPONENTS.		
9.	A REDUCTION IN THE THERMAL RESISTANCE OF THE ATTIC INSULATION AT THE PERIMETER IS PERMITTED, PROVIDED THE INSULATION IS CONSTRAINED ONLY BY THE ROOF SLOPE AND VENTING REQUIREMENTS, AND THE MINIMUM THERMAL RESISTANCE VALUE ABOVE THE EXTERIOR WALL IS AT LEAST RSI 3.52 (R-20).		
10.	AIRTIGHTNESS (9.36.2.9) – A CONTINUOUS BARRIER IS REQUIRED ACROSS JOINTS, BETWEEN ASSEMBLIES, AND AROUND PENETRATIONS AND AS DEFINED IN SUBSECTION 9.25.3. SPECIAL ATTENTION GIVEN TO SEALING THE FLOOR SLAB TO THE FOUNDATION WALL AND ABOVE GRADE WALL, INTERIOR WALLS THAT MEET EXTERIOR WALLS OR CEILINGS, JOINTS AT RIM JOIST, CANTILEVERED FLOORS AND FLOORS OVER UNHEATED SPACES, INTERFACE BETWEEN WINDOW HEAD/JAMB AND WALL ASSEMBLY, INTERFACE BETWEEN WINDOW SILL AND WALL ASSEMBLY, STEEL-LINED CHIMNEYS THAT PENETRATE THE BUILDING, PLUMBING VENT STACK PIPES, SKYLIGHT AND WALL ASSEMBLY, ATTIC HATCH, RECESSED POT LIGHTS, JOINTS BETWEEN ABOVE GRADE WALL AND CEILING, DUCT PENETRATIONS THROUGH THE BUILDING ENVELOPE, AND ELECTRICAL PENETRATIONS IN WALLS.		
11.	SPECIAL ATTENTION SHOULD BE GIVEN TO THE ABOVE MENTIONED AREAS TO ENSURE AIR TIGHTNESS BY EITHER SEALING ALL JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS, COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL OR MAINTAINING THE CONTINUITY OF THE AIR BARRIER SYSTEM THROUGH THE INTERIOR WALL.		

- GENERAL NOTES
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE BC BUILDING CODE AND ALL OTHER LOCAL BUILDING CODES AND BYLAWS GOVERNING.
 - THE CONTRACTOR OR THE OWNER SHALL VERIFY ALL DIMENSIONS, DETAILS, STRUCTURAL MATERIALS AND CONDITIONS SHOWN ON THE DRAWINGS OR NOTED IN THE SPECIFICATIONS PRIOR TO THE START OF ANY WORK OR ORDERING OF MATERIALS, AND SHALL REPORT ANY PROPOSED REVISIONS, OR ANY ERRORS OR DISCREPANCIES TO THE DESIGNER IMMEDIATELY.
 - THE CONTRACTOR OR OWNER SHALL RESOLVE ANY PROBLEMS ARISING OUT OF ANY VARIANCES FROM THE DRAWINGS AND SPECIFICATIONS, OR FROM CONDITIONS ENCOUNTERED AT THE JOB SITE. SUCH RESOLUTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR OWNER.
 - THE DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY DEPARTURE FROM THE DRAWINGS AND SPECIFICATIONS AUTHORIZED BY ANY INSPECTION AUTHORITY DURING THE COURSE OF CONSTRUCTION.
 - THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR CORRECT PLACEMENT OF THIS BUILDING ON THE SITE. THE DESIGNER DOES NOT GUARANTEE THAT THIS BUILDING WILL FIT A PARTICULAR SITE, UNLESS A LEGAL SURVEY PLAN AND A COPY OF THE APPLICABLE ZONING BY-LAWS STATING THE REQUIRED SETBACKS FROM ALL PROPERTY LINES IS RECEIVED BY THIS OFFICE IN ADVANCE OF ISSUANCE OF THESE DRAWINGS.
 - THE DESIGNER SHALL NOT BE RESPONSIBLE FOR SITE CONDITIONS SUCH AS BEARING CAPACITY, DEPTHS OF WATER TABLES OR BURIED STRUCTURES.
 - ALL WORK SHALL BE EQUAL IN ALL RESPECTS TO GOOD BUILDING PRACTICE.
 - WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS.
 - CONSTRUCTION LOADS ON THE STRUCTURE CAUSED BY INTERIM STORAGE OF MATERIALS OR USE OF EQUIPMENT WILL NOT BE ALLOWED TO EXCEED THE DESIGN LOADS.
 - ALTHOUGH THIS BUILDING IS DESIGNED USING STANDARD ENGINEERING AND BUILDING PRACTICES, THE AUTHORITY HAVING JURISDICTION MAY REQUIRE CONFIRMATION BY A CERTIFIED STRUCTURAL ENGINEER. IF REQUIRED, THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR MAKING ARRANGEMENTS FOR SUCH SERVICE.



ENERGY EFFICIENCY CALCULATIONS - CLIMATE ZONE 5

(RF-1) ROOF ASSEMBLY - MANUFACTURED ROOF TRUSSES	
COMPONENT	RSI VALUE
EXTERIOR AIR FILM	0.030 RSI
METAL ROOFING	0.000 RSI
1x4 STRAPPING	0.000 RSI
ENG. ROOF TRUSSES @ 24" O.C.	
+ R60 BLOWN-IN INSULATION	10.29 RSI
6 MIL. POLY. VAPOUR BARRIER	0.000 RSI
1/2" GYPNUM BOARD	0.077 RSI
INTERIOR AIR FILM	0.110 RSI
TOTAL EFFECTIVE =	10.51 RSI (R-59.7)

(W1) EXTERIOR WALL ASSEMBLY - 2x6 WOOD STUDS @ 24" O.C.	
COMPONENT	RSI VALUE
EXTERIOR AIR FILM	0.030 RSI
VINYL SIDING	0.110 RSI
BUILDING PAPER	0.011 RSI
3/8" OSB SHEATHING	0.093 RSI
2x6 WOOD STUDS @ 24" O.C.	3.334 RSI
+ R22 BATT INSULATION	
6 MIL. POLY. VAPOUR BARRIER	0.000 RSI
1/2" GYPNUM BOARD	0.077 RSI
INTERIOR AIR FILM	0.120 RSI
TOTAL EFFECTIVE =	3.775 RSI (R-21.4)

(W1a) GARAGE WALL ASSEMBLY - 2x6 WOOD STUDS @ 24" O.C.	
COMPONENT	RSI VALUE
EXTERIOR AIR FILM	0.030 RSI
VINYL SIDING	0.110 RSI
BUILDING PAPER	0.011 RSI
3/8" OSB SHEATHING	0.093 RSI
2x6 WOOD STUDS @ 24" O.C.	3.334 RSI
+ R22 BATT INSULATION	
6 MIL. POLY. VAPOUR BARRIER	0.000 RSI
1/2" GYPNUM BOARD	0.077 RSI
INTERIOR AIR FILM	0.120 RSI
TOTAL EFFECTIVE =	3.775 RSI (R-21.4)

(W3) GARAGE TO DWELLING UNIT - 2x6 WOOD STUDS @ 24" O.C.	
COMPONENT	RSI VALUE
INTERIOR AIR FILM	0.120 RSI
5/8" TYPE 'X' GYPNUM BOARD	0.097 RSI
2x6 WOOD STUDS @ 24" O.C.	3.334 RSI
+ R22 BATT INSULATION	
6 MIL. POLY. VAPOUR BARRIER	0.000 RSI
1/2" GYPNUM BOARD	0.077 RSI
INTERIOR AIR FILM	0.120 RSI
TOTAL EFFECTIVE =	3.748 RSI (R-21.3)

ROOF TYPES

RF-1	ROOF ASSEMBLY MANUFACTURED ROOF TRUSSES
	METAL ROOFING ROOFING MEMBRANE 1x4 STRAPPING @ 16" O.C. ENG. ROOF TRUSSES R60 BLOWN-IN INSULATION 6 MIL. POLYETHYLENE 1/2" GYPNUM WALL BOARD

FLOOR TYPES

FL-1	MAIN FLOOR ASSEMBLY
	VINYL CLICK FLOORING FLOORING UNDERLAY 3/4" T&G PLYWOOD SUBFLOOR 11 7/8" TJI FLOOR JOISTS
FL-2	BASEMENT FLOOR ASSEMBLY
	4" CONCRETE SLAB 10M REBAR 24" O.C. 6 MIL. POLYETHYLENE 5" COMPACTED GRAVEL
FL-3	GARAGE FLOOR ASSEMBLY
	4" CONCRETE SLAB 10M REBAR 24" O.C. 6 MIL. POLYETHYLENE 5" COMPACTED GRAVEL
FL-4	DECK FLOOR ASSEMBLY
	DECK MEMBRANE 3/4" T&G PLYWOOD SHEATHING 2x10 FLOOR JOISTS @ 16" O.C.

WALL TYPES

W1	EXTERIOR WALL ASSEMBLY 2x6 WOOD STUDS @ 24" O.C.
	TRIPLE 3 VINYL SIDING BUILDING PAPER 3/8" OSB SHEATHING 2x6 WOOD STUDS @ 24" O.C. R22 BATT INSULATION 6 MIL. POLYETHYLENE 1/2" GYPNUM WALL BOARD
W1a	GARAGE WALL ASSEMBLY 2x6 WOOD STUDS @ 24" O.C.
	TRIPLE 3 VINYL SIDING BUILDING PAPER 3/8" OSB SHEATHING 2x6 WOOD STUDS @ 24" O.C. R22 BATT INSULATION 6 MIL. POLYETHYLENE 1/2" GYPNUM WALL BOARD
W2	FURRED OUT FOUNDATION WALL 2x6 WOOD STUDS @ 24" O.C.
	2 COATS DAMPPROOFING 8" CONC. FOUNDATION WALL 1/2" AIR GAP 2x6 STUDS @ 24" O.C. R22 BATT INSULATION 6 MIL. POLY. VAPOUR BARRIER 1/2" GYPNUM WALL BOARD
W3	GARAGE TO DWELLING UNIT 2x6 WOOD STUDS @ 24" O.C.
	5/8" TYPE 'X' GYPNUM WALL BOARD 2x6 WOOD STUDS @ 24" O.C. R22 BATT INSULATION 6 MIL. POLYETHYLENE 1/2" GYPNUM WALL BOARD
W4	INTERIOR PARTITION WALL 2x4 WOOD STUDS @ 24" O.C.
	1/2" GYPNUM WALL BOARD 2x4 WOOD STUDS @ 24" O.C. 1/2" GYPNUM WALL BOARD
W5	INTERIOR BEARING WALL 2x6 WOOD STUDS @ 16" O.C.
	1/2" GYPNUM WALL BOARD 2x6 WOOD STUDS @ 16" O.C. 1/2" GYPNUM WALL BOARD
W6	INTERIOR PLUMBING WALL 2x6 WOOD STUDS @ 24" O.C.
	1/2" GYPNUM WALL BOARD 2x6 WOOD STUDS @ 24" O.C. 1/2" GYPNUM WALL BOARD



Damon Marken
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Verify all dimensions and notations prior to commencement of work and report any errors or omissions to the Designer.

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REVISIONS

NO.	DATE	DESCRIPTION
1	01-APR-20	ISSUED FOR PERMIT

248 CALCITE DR - NEW CONSTRUCTION

PROJECT TITLE

PROJECT ADDRESS:
248 CALCITE DR, LOGAN LAKE, BC V0K 1W0
LEGAL: LOT 35, PLAN KAP32012, DISTRICT LOT 2217, KAMLOOPS DIVISION OF YALE DIST
PID: 001-791-257
ZONING: R-1 (SINGLE FAMILY RESIDENTIAL)

CLIENT INFO:
BLUE COLLAR BUILDERS LTD
DARYN LARSON
397 LINDEN RD
LOGAN LAKE, BC V0K 1W0

DRAWING TITLE

PROJECT OVERVIEW

DRAWING NO.

A1

DRAWN BY: D MARKEN
CHECKED BY: D MARKEN
PROJECT NO: 20200110-01
DATE: 01-APR-20

1 : 100

SHEET 1 OF 6

1 SITE PLAN
A1 1 : 100

* RSI x 5.678 = R-VALUE

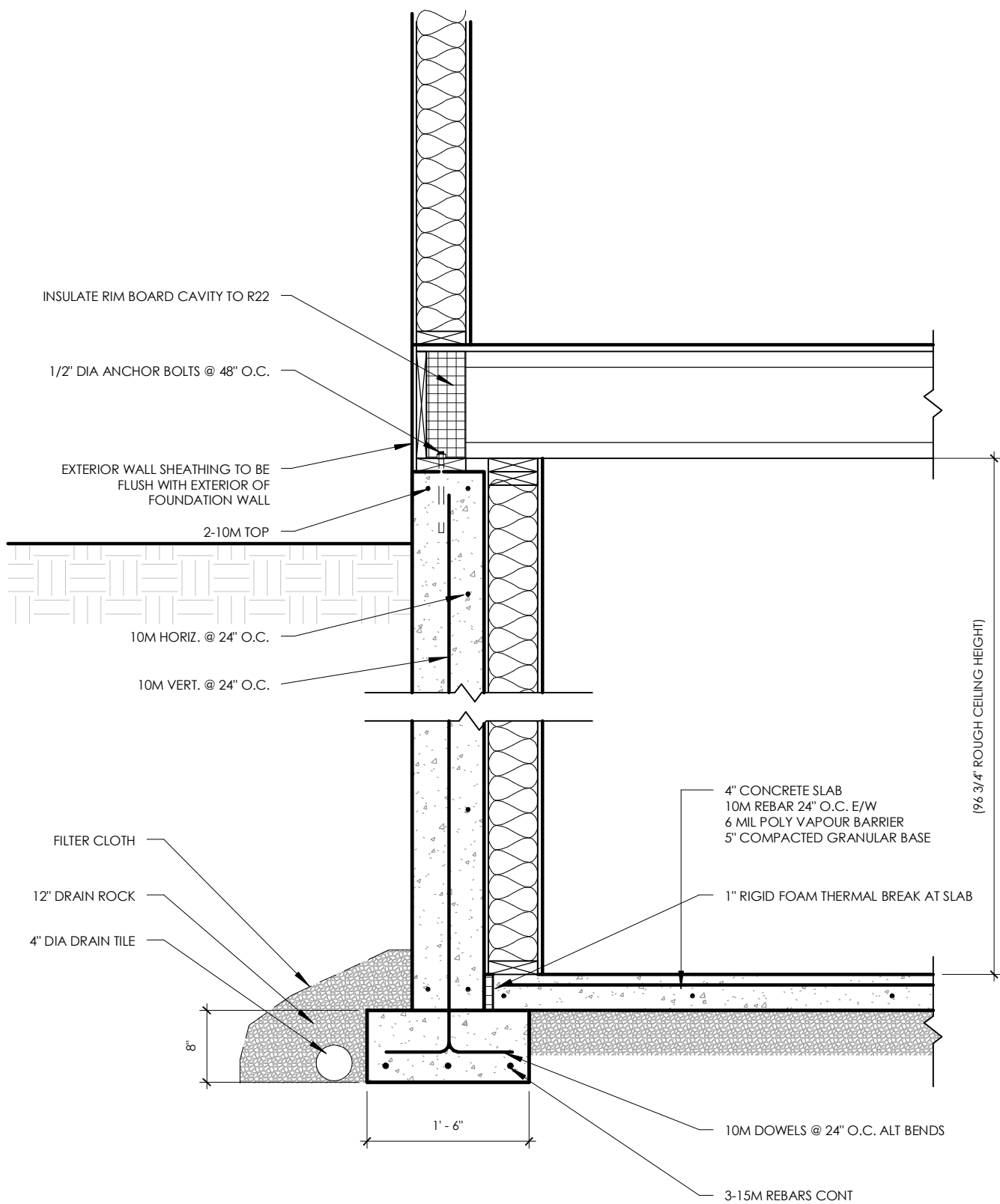
EXTERIOR STRIP FOOTINGS

INTERIOR STRIP FOOTINGS

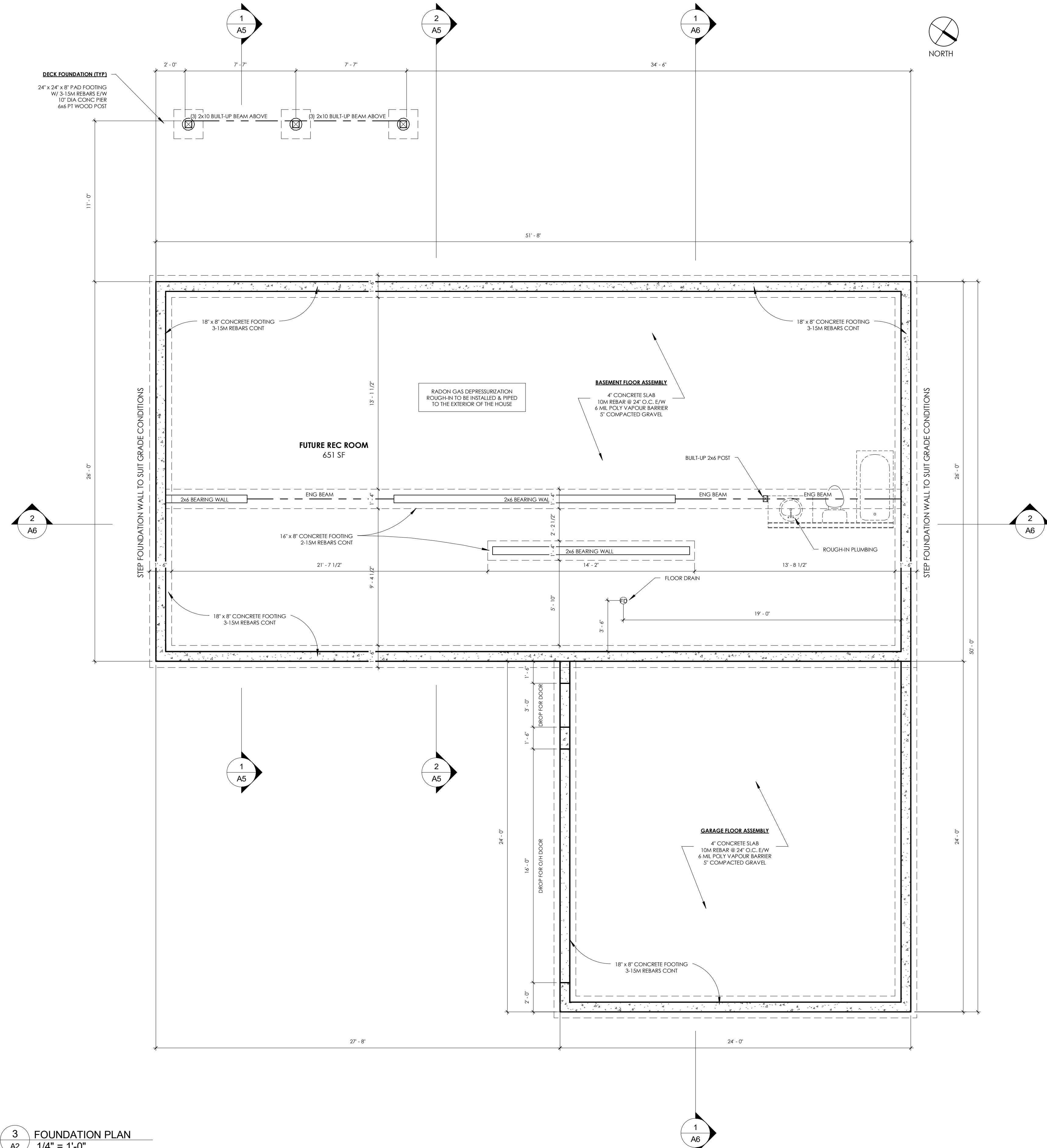
EXTERIOR/DECK PAD FOOTINGS

FOUNDATION WALLS

1 FROST WALL DETAIL
A2 3/4" = 1'-0"



2	BASEMENT FOUNDATION WALL
A2	3/4" = 1'-0"



3 FOUNDATION PLAN
A2 1/4" = 1'-0"



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DRAWING TITLE

FOUNDATION PLAN

DRAWING NO.

A2

DRAWN BY:
CHECKED BY:
PROJECT NO:
DATE:

D MARKEN
 D MARKEN
 200110-01
 01-APR-20

As indicated

SHEET 2 OF 6

W1

EXTERIOR WALL ASSEMBLY
2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD

W1a

GARAGE WALL ASSEMBLY
2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD

W2 **FURRED OUT FOUNDATION WALL**
2x6 WOOD STUDS @ 24" O.C.

2 COATS DAMPPROOFING
8" CONC FOUNDATION WALL
1/2" AIR GAP
2x6 STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLY VAPOUR BARRIER
1/2" GYPSUM WALL BOARD

W3 **GARAGE TO DWELLING UNIT**
2x6 WOOD STUDS @ 24" O.C.

5/8" TYPE 'X' GYPSUM WALL B
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD

W4 **INTERIOR PARTITION WALL**
2x4 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x4 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD

W5 **INTERIOR BEARING WALL**
2x6 WOOD STUDS @ 16" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 16" O.C.
1/2" GYPSUM WALL BOARD

W6 **INTERIOR PLUMBING WALL**
2x6 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD

FL-1

MAIN FLOOR ASSEMBLY

VINYL CLICK FLOORING
FLOORING UNDERLAY
3/4" T&G PLYWOOD SUBFLOOR
11 7/8" TJI FLOOR JOISTS

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL

DECK MEMBRANE
3/4" T&G PLYWOOD SHEATHING
2x10 FLOOR JOISTS @ 16" O.C.

RF-1

ROOF ASSEMBLY
MANUFACTURED ROOF TRUSSES

METAL ROOFING
 ROOFING MEMBRANE
 1x4 STRAPPING @ 16" O.C.
 ENG ROOF TRUSSES
 R60 BLOWN-IN INSULATION
 6 MIL POLYETHYLENE
 1/2" GYPSUM WALL BOARD



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PROJECT TITLE

DRAWING TITLE

FLOOR PLANS

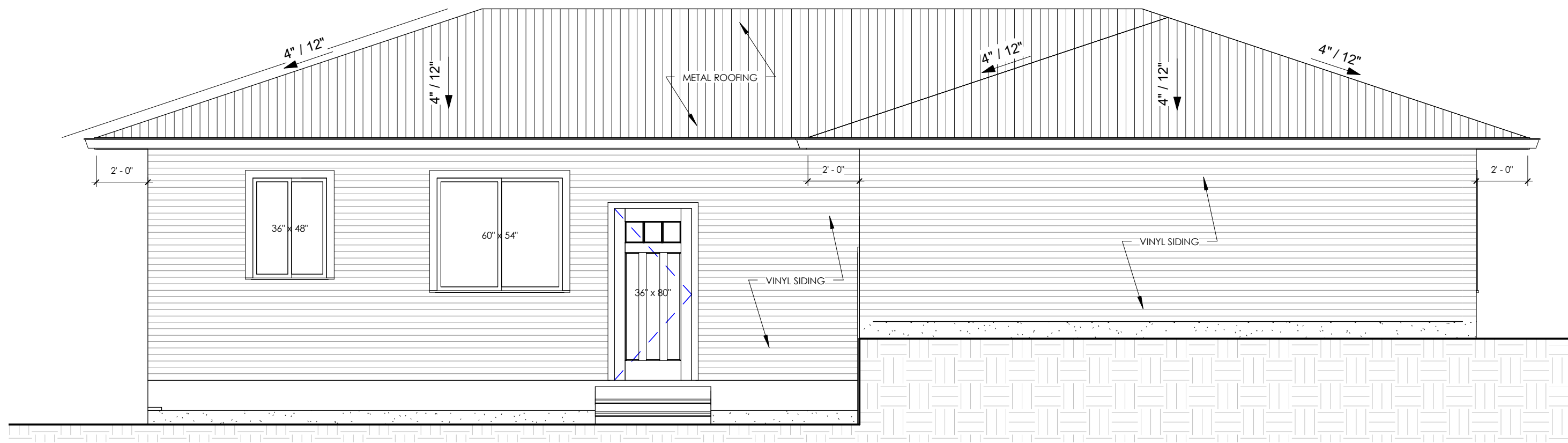
DRAWING NO.

A3

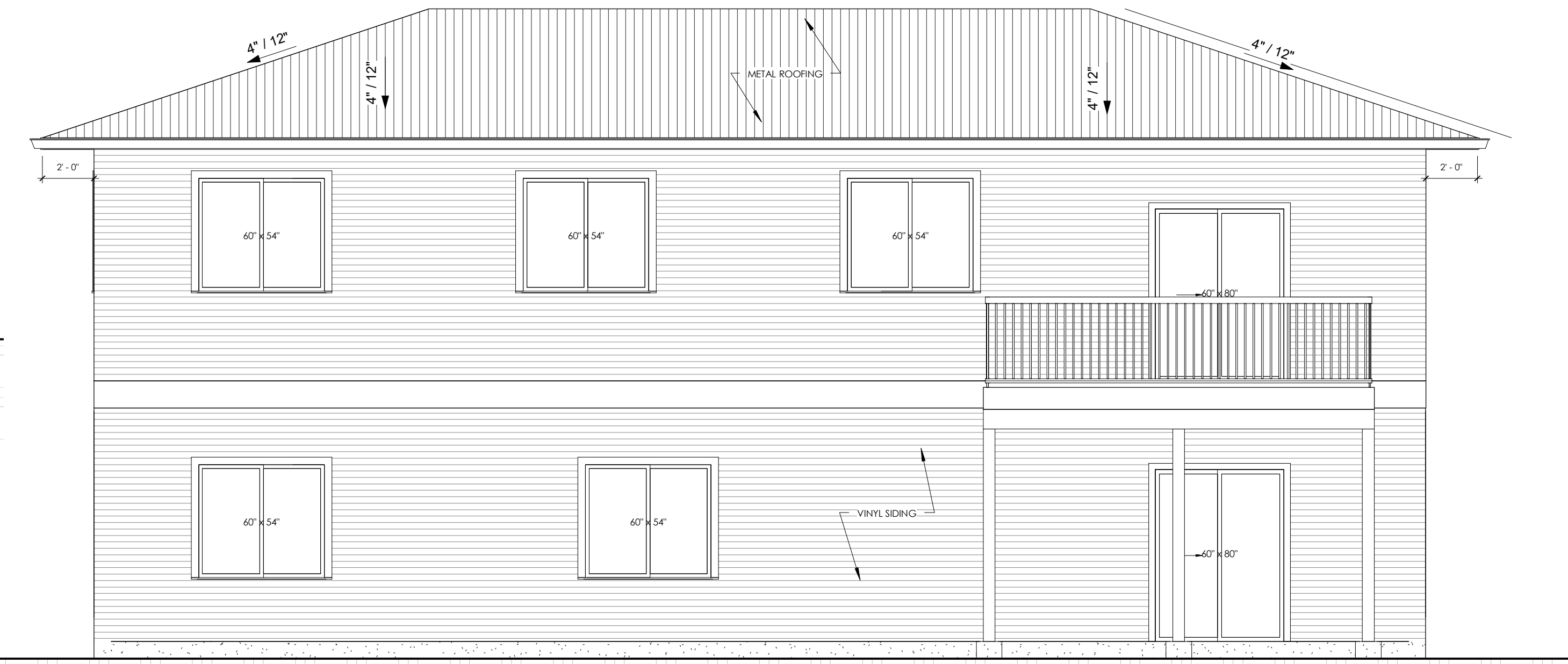
DRAWN BY:	D MARKEN
CHECKED BY:	D MARKEN
PROJECT NO:	20200110-01
DATE:	01-APR-20

$$1/4'' = 1'-0''$$

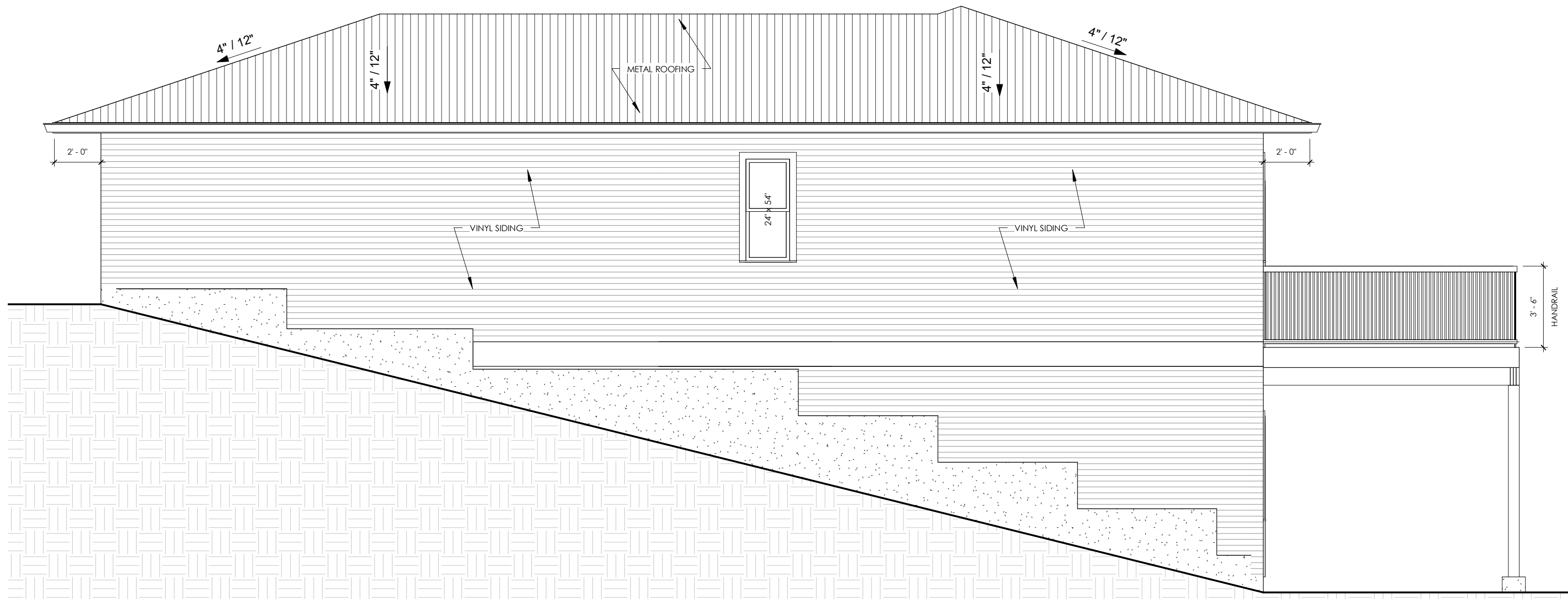
SHEET 3 OF 6



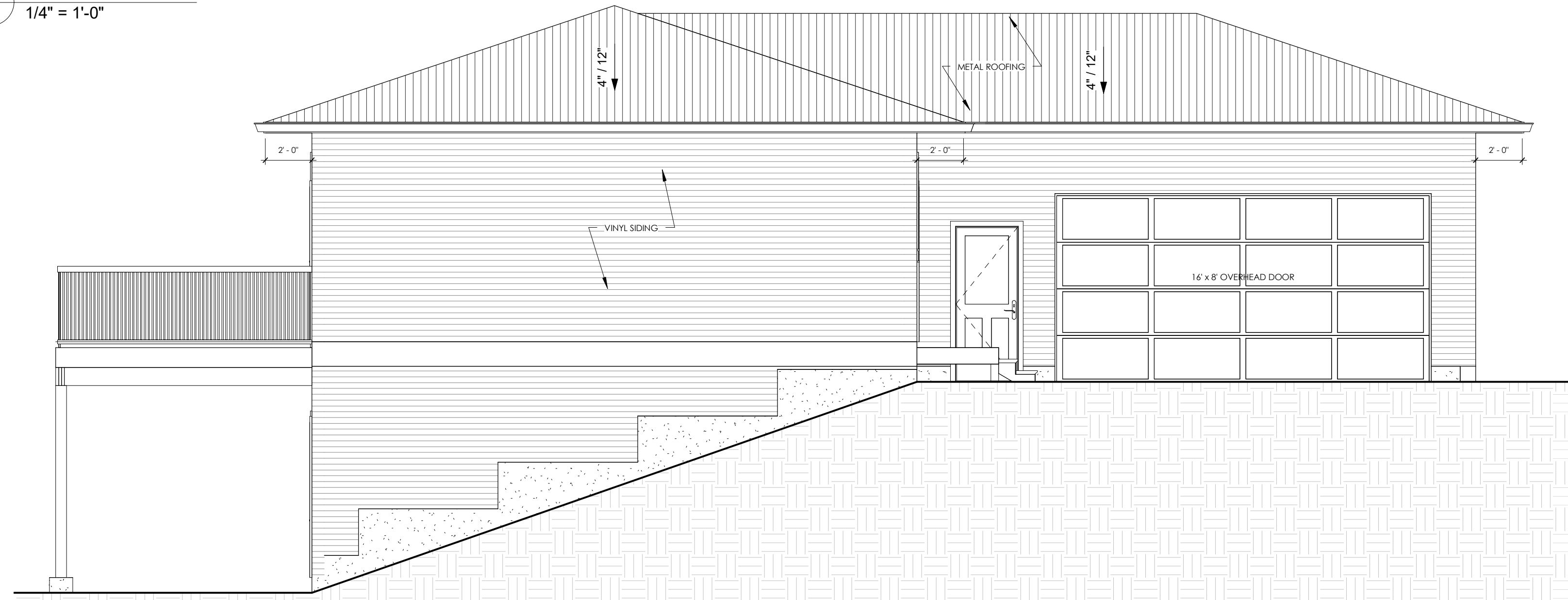
1 EAST ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"



3 NORTH ELEVATION
1/4" = 1'-0"



4 SOUTH ELEVATION
1/4" = 1'-0"

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LEGAL: LOT 35, PLAN KAP32012, DISTRICT LOT 2217, KAMLOOPS
DIVISION OF YALE DIST
PID: 001-791-257
ZONING: R-1 (SINGLE FAMILY RESIDENTIAL)

DRAWING TITLE

ELEVATIONS

DRAWING NO.

A4

DRAWN BY:
CHECKED BY:
PROJECT NO:
DATE:

D MARKEN
D MARKEN
20200110-01
01-APR-20

1/4" = 1'-0"

SHEET 4 OF 6

WALL TYPES

- W1

EXTERIOR WALL ASSEMBLY

2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W1a

GARAGE WALL ASSEMBLY

2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W2

FURRED OUT FOUNDATION WALL

2x6 WOOD STUDS @ 24" O.C.

2 COATS DAMPPROOFING
8" CONC FOUNDATION WALL
1/2" AIR GAP
2x6 STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLY VAPOUR BARRIER
1/2" GYPSUM WALL BOARD
- W3

GARAGE TO DWELLING UNIT

2x6 WOOD STUDS @ 24" O.C.

5/8" TYPE 'X' GYPSUM WALL BOARD
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W4

INTERIOR PARTITION WALL

2x4 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x4 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD
- W5

INTERIOR BEARING WALL

2x6 WOOD STUDS @ 16" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 16" O.C.
1/2" GYPSUM WALL BOARD
- W6

INTERIOR PLUMBING WALL

2x6 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD

BUILDING SECTION NOTES

- ALL RIM JOIST CAVITIES SHALL BE INSULATED IN A MANNER THAT PROVIDES AN EFFECTIVE THERMAL RESISTANCE THAT IS NO LESS THAN THE LOWER OF THE MINIMUM VALUES REQUIRED FOR THE RESPECTIVE ADJOINING COMPONENTS.
- FINISHED FASCIA TO BE PAINTED & GUTTERS TO BE CONTINUOUS ALUMINUM
- PERIMETER OF BUILDING TO HAVE A 4" PERIMETER DRAIN, 6" OF DRAIN ROCK, & FILTER CLOTH.
- SLOPE OF GARAGE & PATIO SLABS TO HAVE A MIN SLOPE OF 2% AWAY FROM HOUSE.
- ALL TERRAIN AT EXTERIOR FOUNDATION WALLS TO BE SLOPED MIN 2% AWAY FROM HOUSE.
- 9.21.4.4.(1).[a] HEIGHT OF CHIMNEY FLUES
A CHIMNEY FLUE SHALL EXTEND NOT LESS THAN 0.9m (3'-0") ABOVE THE HIGHEST POINT AT WHICH THE CHIMNEY COMES IN CONTACT WITH THE ROOF
- 9.21.4.4.(1).[b] HEIGHT OF CHIMNEY FLUES
A CHIMNEY FLUE SHALL EXTEND NOT LESS THAN 0.4m (2'-0") ABOVE THE HIGHEST ROOF SURFACE WITHIN 3m (9'-10") OF THE CHIMNEY

FOUNDATION SPECIFICATIONS

EXTERIOR STRIP FOOTINGS
18" x 8" CONTINUOUS CONCRETE FOOTING
3-15M REBARS CONTINUOUS

INTERIOR STRIP FOOTINGS
16" x 8" CONTINUOUS CONCRETE FOOTING
2-15M REBARS CONTINUOUS

EXTERIOR/DECK PAD FOOTINGS
24" x 24" x 8" CONCRETE PAD FOOTING
3-15M REBARS E/W

FOUNDATION WALLS

8" CONCRETE WALL
10M HORIZ & VERT @ 24" O.C.
1/2" DIA ANCHOR BOLTS @ 48" O.C.

FLOOR TYPES

- FL-1

MAIN FLOOR ASSEMBLY

VINYL CLICK FLOORING
FLOORING UNDERLAY
3/4" T&G PLYWOOD SUBFLOOR
11 7/8" TJI FLOOR JOISTS
- FL-2

BASEMENT FLOOR ASSEMBLY

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL
- FL-3

GARAGE FLOOR ASSEMBLY

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL
- FL-4

DECK FLOOR ASSEMBLY

DECK MEMBRANE
3/4" T&G PLYWOOD SHEATHING
2x10 FLOOR JOISTS @ 16" O.C.

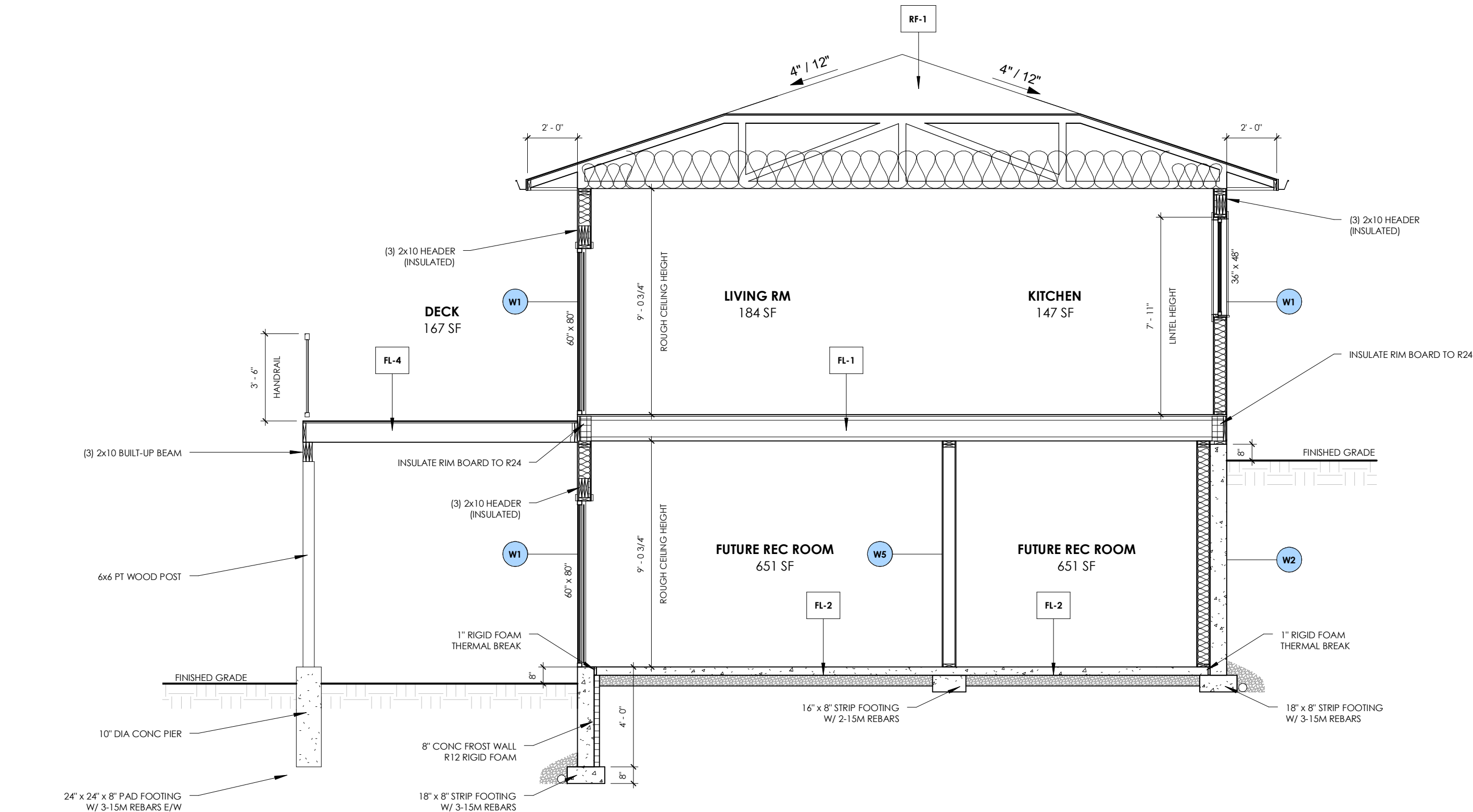
ROOF TYPES

- RF-1

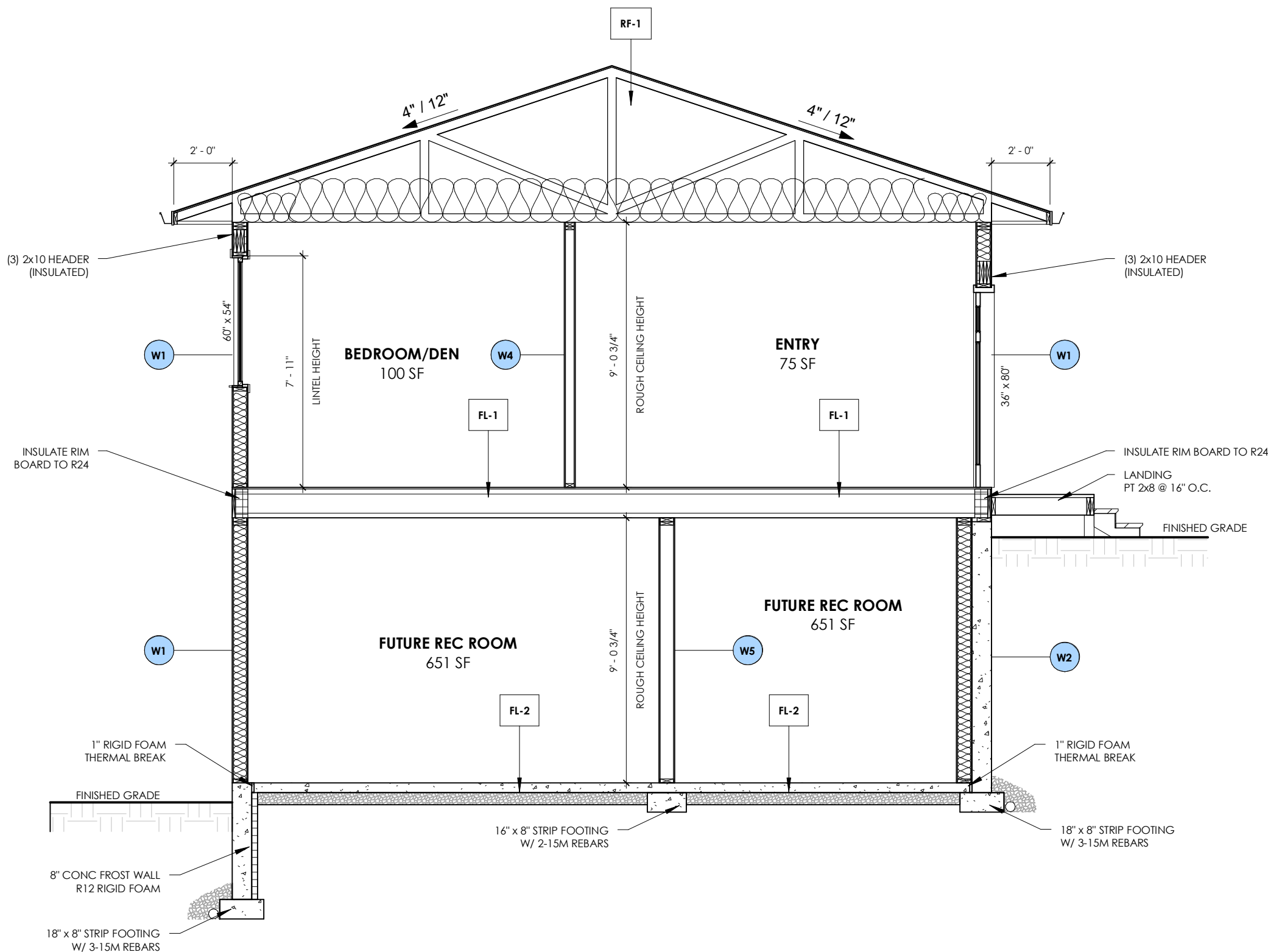
ROOF ASSEMBLY

MANUFACTURED ROOF TRUSSES

METAL ROOFING
ROOFING MEMBRANE
1x4 STRAPPING @ 16" O.C.
ENG ROOF TRUSSES
R60 BLOWN-IN INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD



1 SECTION A
1/4" = 1'-0"



2 SECTION B
1/4" = 1'-0"



Damon Marken
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Verify all dimensions and notations prior to commencement of work and report any errors or omissions to the Designer.

All as-built measurements are +/- and must be verified by general contractor on-site.

REVISIONS

NO.	DATE	DESCRIPTION
1	01-APR-20	ISSUED FOR PERMIT

248 CALCITE DR - NEW CONSTRUCTION

PROJECT ADDRESS:
248 CALCITE DR, LOGAN LAKE, BC V0K 1W0
LEGAL: LOT 35, PLAN KAP32012, DISTRICT LOT 2217, KAMLOOPS
DIVISION OF YALE DIST
PID: 001-791-257
ZONING: R-1 [SINGLE FAMILY RESIDENTIAL]

CLIENT INFO:
BLUE COLLAR BUILDERS LTD
DARYN LARSON
997 LINDEN RD
LOGAN LAKE, BC V0K 1W0

PROJECT TITLE

DRAWING TITLE

BUILDING SECTIONS

DRAWING NO.

A5

DRAWN BY:

D MARKEN

CHECKED BY:

D MARKEN

PROJECT NO:

20200110-01

DATE:

01-APR-20

1/4" = 1'-0"

SHEET 5 OF 6

WALL TYPES

- W1

EXTERIOR WALL ASSEMBLY

2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W1a

GARAGE WALL ASSEMBLY

2x6 WOOD STUDS @ 24" O.C.

TRIPLE 3 VINYL SIDING
BUILDING PAPER
3/8" OSB SHEATHING
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W2

FURRED OUT FOUNDATION WALL

2x6 WOOD STUDS @ 24" O.C.

2 COATS DAMPPROOFING
8" CONC FOUNDATION WALL
1/2" AIR GAP
2x6 STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLY VAPOUR BARRIER
1/2" GYPSUM WALL BOARD
- W3

GARAGE TO DWELLING UNIT

2x6 WOOD STUDS @ 24" O.C.

5/8" TYPE 'X' GYPSUM WALL BOARD
2x6 WOOD STUDS @ 24" O.C.
R22 BATT INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD
- W4

INTERIOR PARTITION WALL

2x4 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x4 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD
- W5

INTERIOR BEARING WALL

2x6 WOOD STUDS @ 16" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 16" O.C.
1/2" GYPSUM WALL BOARD
- W6

INTERIOR PLUMBING WALL

2x6 WOOD STUDS @ 24" O.C.

1/2" GYPSUM WALL BOARD
2x6 WOOD STUDS @ 24" O.C.
1/2" GYPSUM WALL BOARD

BUILDING SECTION NOTES

- ALL RIM JOIST CAVITIES SHALL BE INSULATED IN A MANNER THAT PROVIDES AN EFFECTIVE THERMAL RESISTANCE THAT IS NO LESS THAN THE LOWER OF THE MINIMUM VALUES REQUIRED FOR THE RESPECTIVE ADJOINING COMPONENTS.
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- SLOPE OF GARAGE & PATIO SLABS TO HAVE A MIN SLOPE OF 2% AWAY FROM HOUSE.
- ALL TERRAIN AT EXTERIOR FOUNDATION WALLS TO BE SLOPED MIN 2% AWAY FROM HOUSE.
- 9.21.4.4.(1),(a) HEIGHT OF CHIMNEY FLUES
 - A CHIMNEY FLUE SHALL EXTEND NOT LESS THAN 0.9m (3'-0") ABOVE THE HIGHEST POINT AT WHICH THE CHIMNEY COMES IN CONTACT WITH THE ROOF
- 9.21.4.4.(1),(b) HEIGHT OF CHIMNEY FLUES
 - A CHIMNEY FLUE SHALL EXTEND NOT LESS THAN 0.6m (2'-0") ABOVE THE HIGHEST ROOF SURFACE WITHIN 3m (9'-10") OF THE CHIMNEY

FOUNDATION SPECIFICATIONS

EXTERIOR STRIP FOOTINGS

18" x 8" CONTINUOUS CONCRETE FOOTING
3-15M REBARS CONTINUOUS

INTERIOR STRIP FOOTINGS

16" x 8" CONTINUOUS CONCRETE FOOTING
2-15M REBARS CONTINUOUS

EXTERIOR/DECK PAD FOOTINGS

24" x 24" x 8" CONCRETE PAD FOOTING
3-15M REBARS E/W

FOUNDATION WALLS

8" CONCRETE WALL
10M HORIZ & VERT @ 24" O.C.
1/2" DIA ANCHOR BOLTS @ 48" O.C.

FLOOR TYPES

- FL-1

MAIN FLOOR ASSEMBLY

VINYL CLICK FLOORING
FLOORING UNDERLAY
3/4" T&G PLYWOOD SUBFLOOR
11 7/8" TJI FLOOR JOISTS
- FL-2

BASEMENT FLOOR ASSEMBLY

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL
- FL-3

GARAGE FLOOR ASSEMBLY

4" CONCRETE SLAB
10M REBAR 24" O.C.
6 MIL POLYETHYLENE
5" COMPACTED GRAVEL
- FL-4

DECK FLOOR ASSEMBLY

DECK MEMBRANE
3/4" T&G PLYWOOD SHEATHING
2x10 FLOOR JOISTS @ 16" O.C.

ROOF TYPES

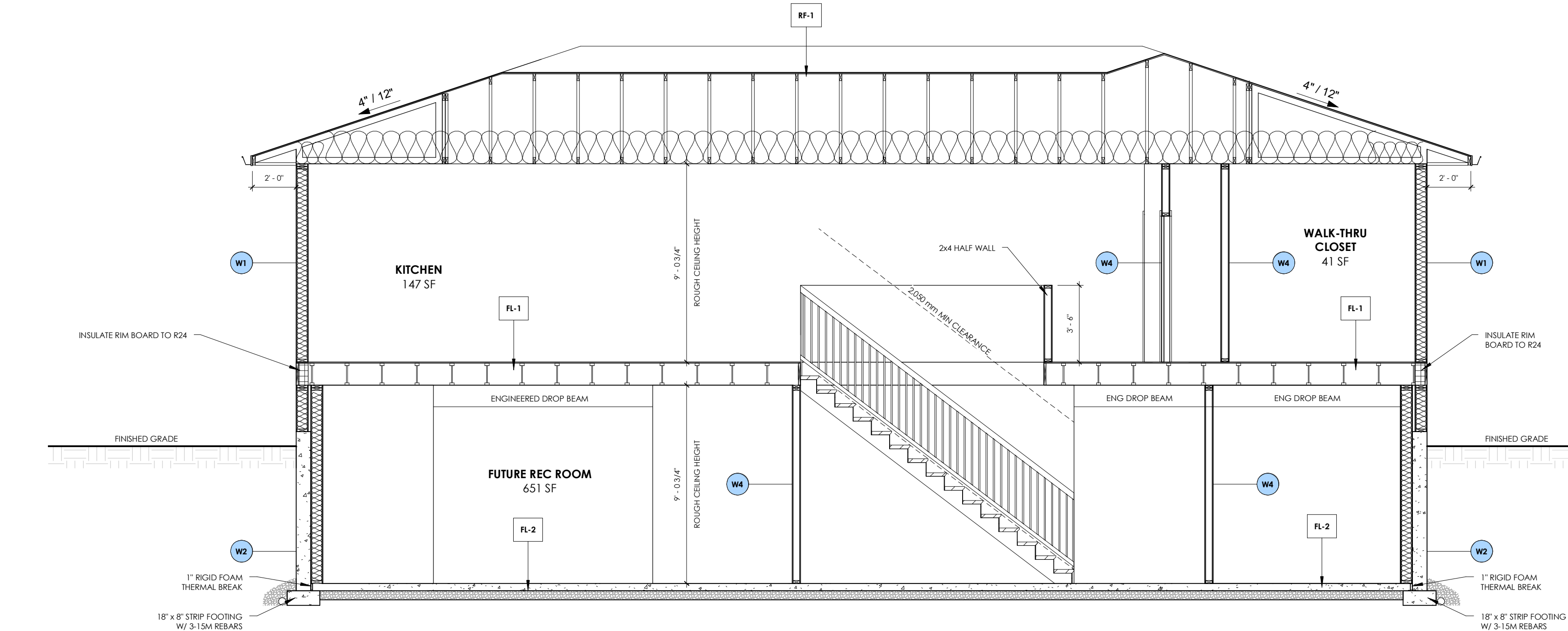
- RF-1

ROOF ASSEMBLY

MANUFACTURED ROOF TRUSSES

METAL ROOFING
ROOFING MEMBRANE
1x4 STRAPPING @ 16" O.C.
ENG ROOF TRUSSES
R60 BLOWN-IN INSULATION
6 MIL POLYETHYLENE
1/2" GYPSUM WALL BOARD

1 SECTION C
1/4" = 1'-0"



2 SECTION D
1/4" = 1'-0"



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REVISIONS

NO.	DATE	DESCRIPTION
1	01-APR-20	ISSUED FOR PERMIT

248 CALCITE DR - NEW CONSTRUCTION

PROJECT TITLE

DRAWING TITLE

BUILDING SECTIONS

DRAWING NO.

A6

DRAWN BY:
CHECKED BY:
PROJECT NO:
DATE:

D MARKEN
D MARKEN
20200110-01
01-APR-20

1/4" = 1'-0"

SHEET 6 OF 6

PROJECT ADDRESS:
248 CALCITE DR, LOGAN LAKE, BC V0K 1W0
LEGAL: LOT 35, PLAN KAP32012, DISTRICT LOT 2217, KAMLOOPS
DIVISION OF YALE DIST
PID: 001-791-257
ZONING: R-1 (SINGLE FAMILY RESIDENTIAL)

CLIENT INFO:
BLUE COLLAR BUILDERS LTD
DARYN LARSON
397 LINDEN RD
LOGAN LAKE, BC V0K 1W0