

GENERAL NOTES AND SPECIFICATIONS

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH LOCAL CODE REQUIREMENTS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK KNOWINGLY PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS.

(NAME OF FIRM) ENGINEERING SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE (STAMPED DRAWINGS) CONSTRUCTION DOCUMENTS. ANY DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF (NAME OF FIRM) ENGINEERING BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR. REVISIONS TO STAMPED DRAWINGS AS ISSUED UNDER PERMIT WITHOUT WRITTEN NOTICE OR PERMISSION BY LAKELAND ENGINEERING WAIVES ANY OR ALL LIABILITY

DESIGN CRITERIA:

ROOF: 40 PSF SNOW LOAD

- 8 PSF TOP CHORD DL.
- 7 PSF BOTTOM CHORD DL.
- 5 PSF NET WIND UPLIFT.

FLOOR: 40 PSF LL

- 35N PSF DEAD LOAD
- 5 PSF BOTTOM CHORD DL.

SOIL: *2,000 PSF ALLOWABLE (ASSUMED). TO BE AT TIME OF EXCAVATION

FROST DEPTH: *4'-0"

WIND: 90 MPH (90 MPH 3 SEC GUST), EXPOSURE C.

THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND LOADS UNTIL THE ROOF, FLOOR AND WALLS HAVE BEEN PERMANENTLY FRAMED TOGETHER AND SHEATHED.

INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES, OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS.

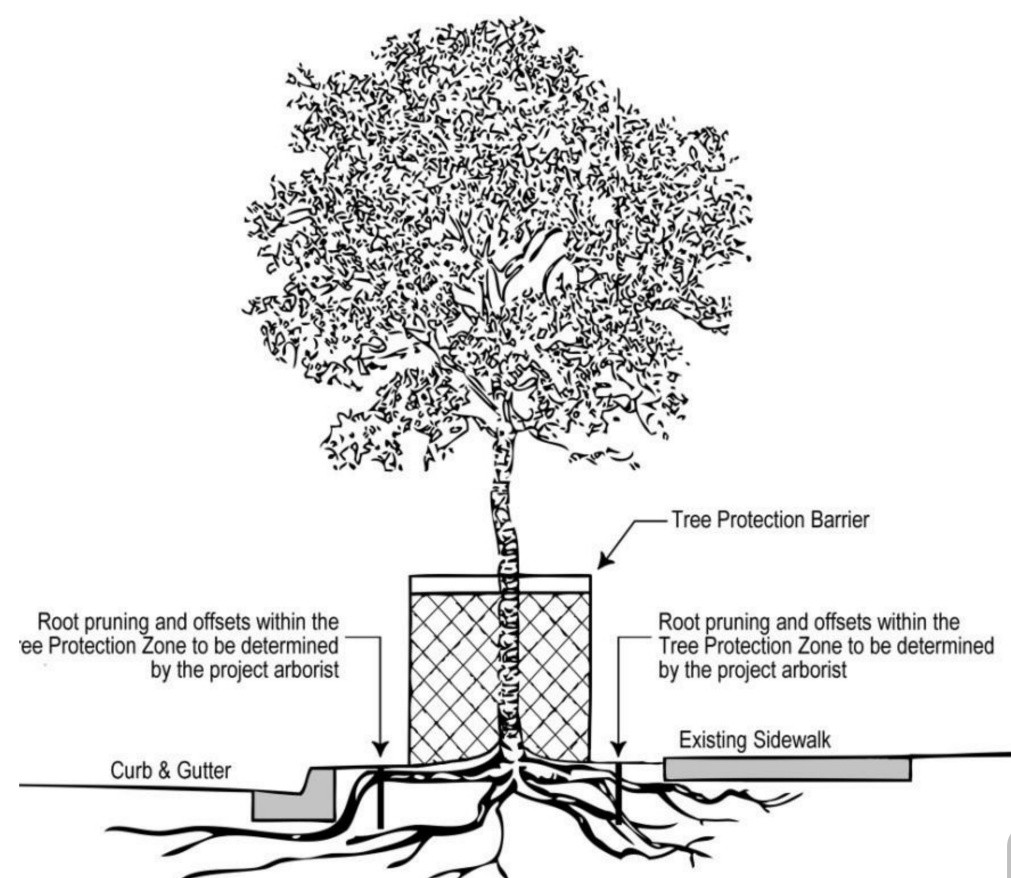
INSULATE WASTE LINES FOR SOUND CONTROL.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

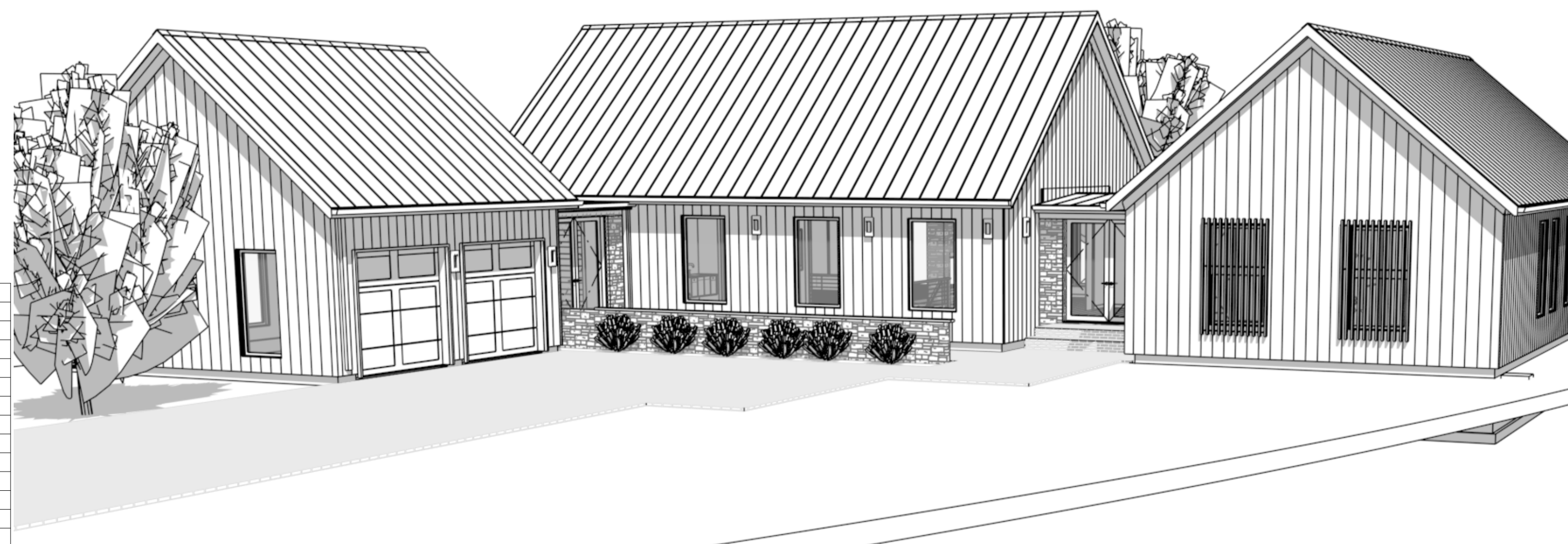
PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO JOISTS AND OTHER BEARING POINTS NOT OTHERWISE PROVIDED WITH SUPPORT.

LOT 1			
PROJECT:		FT2	M2
EXISTING ZONING	R-1		
LOT AREA		17353	1612.15
FRONTAGE	MYSAK	209	63.70
BUILDING DATA			
GARAGE		517	48.03
GROUND FLOOR		3173	294.78
DECK		591	54.91
		0	0.00
		0	0.00
TOTAL PROJECT OVERHANG			0.00
TOTAL HEIGHT FROM GRADE		FT	M2
		24	7.30
ZONING		PROPOSED	ALLOWED
LOT COVERAGE		342.81	450.00
		21.26%	27.9%
ALLOWED			ALLOWED
SETBACKS	PROPOSED		
MIN. FRONT YARD	11.66		7.5
MIN. REAR YARD	18.77		8
MIN. SIDE YARD E	3.95		1.5
MIN. SIDE YARD W	3.68		1.5
ROOF PEAK FROM GRADE	7.3		10.5

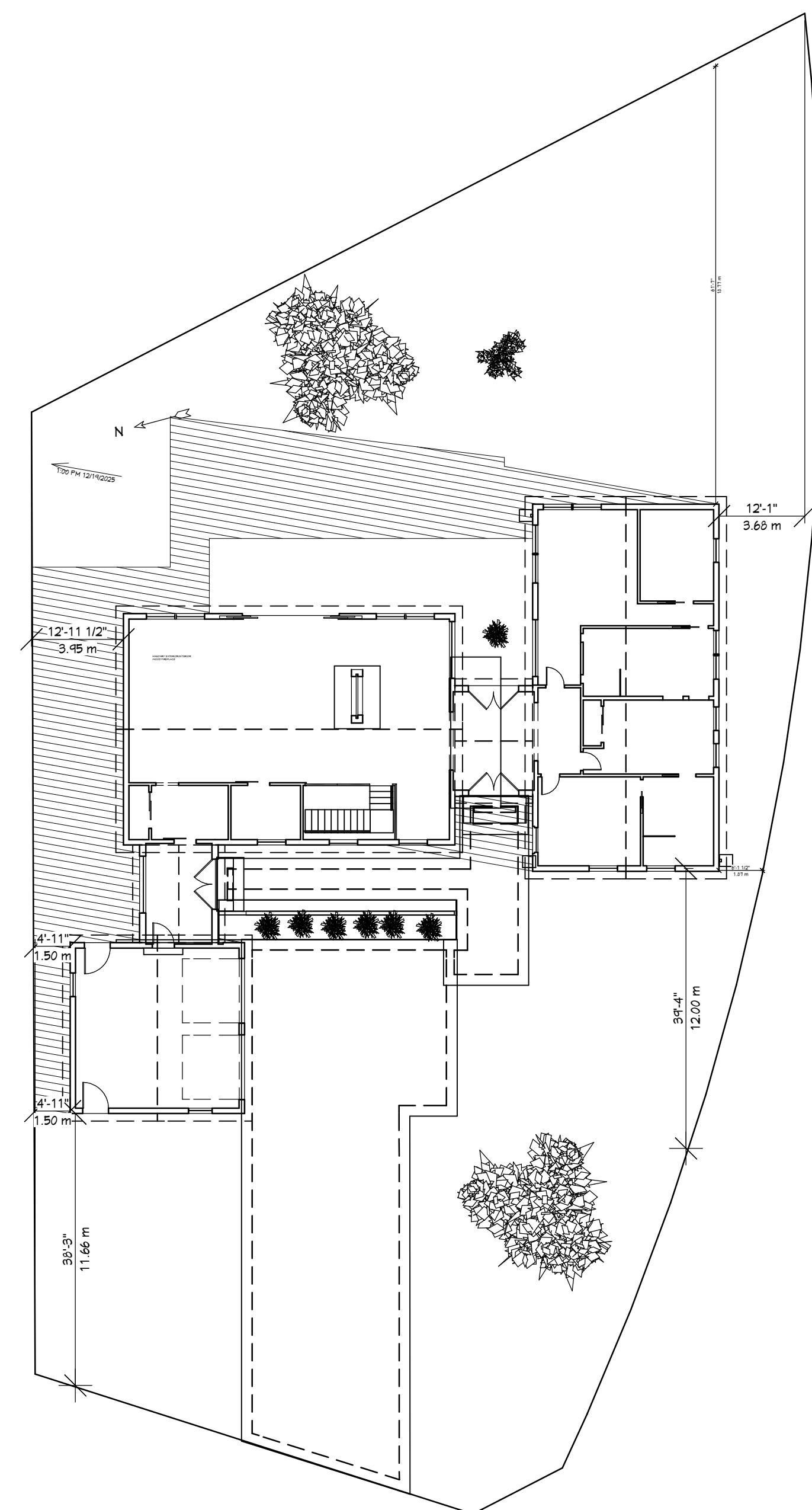


Tree Protection and Preservation Specification

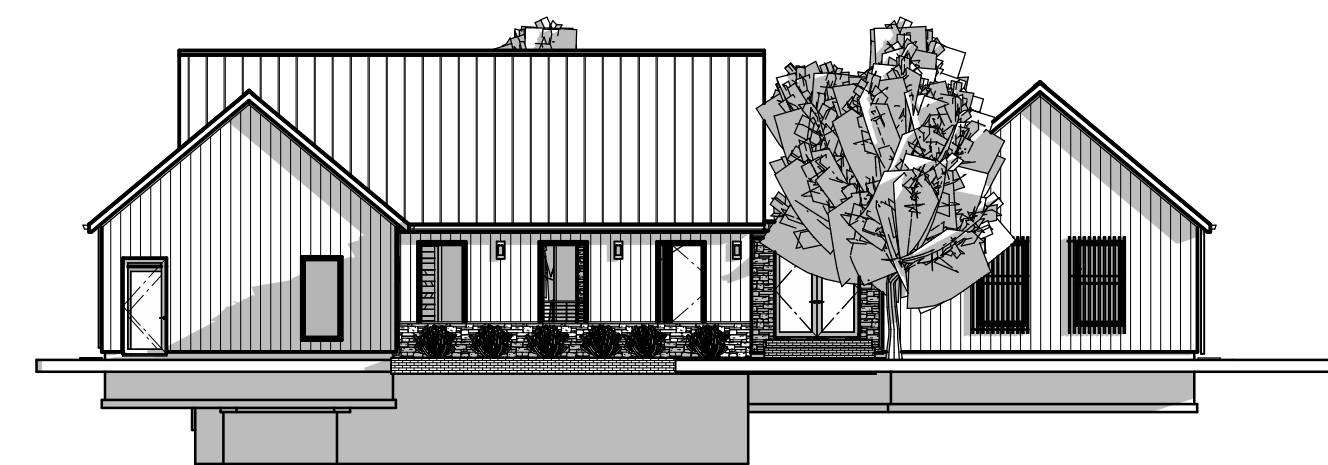
INDEX	
SHEET A-1	SITE PLAN
SHEET A-2	DETAILS
SHEET A-3	EXTERIOR ELEVATION
SHEET A-4	EXTERIOR ELEVATION
SHEET A-5	FOUNDATION
SHEET A-6	GROUND FLOOR PLAN
SHEET A-7	SECTION S1
SHEET A-8	SECTION S2
SHEET A-9	I JOIST LAYOUT
SHEET A-10	ROOF TRUSS LAYOUT
SHEET A-11	CONSTRUCTION DETAILS
SHEET A-12	WINDOW AND DOOR SCHEDULE



PRAIRIE FARM HOUSE SERIES



SITE PLAN 1/16"=1'-0"
REFER TO SURVEY



SUN STUDY MARCH 14 PM

true north	const. north	
REVISION		
No.	Date	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4; ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS

Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are representations of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

PROJECT
PRAIRIE SINGLE STORY

DRAWING
SITE PLAN

PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:

A-1

GENERAL SPECIFICATIONS

GENERAL NOTES.

- 1.) ALL CONSTRUCTION TO MEET OR EXCEED NBC PART 9 AND SECTIONS
 - 2.) SITE VERIFY WHEN ADDING ON TO OR REMOVING FROM AN EXISTING BUILDING THAT ALL EXISTING OR NEW STRUCTURAL COMPONENTS ARE CAPABLE OF WITHSTANDING THE STRUCTURAL LOADS IMPOSED, AND REPORT ANY DISCREPANCIES AND/OR DEFICIENCIES TO THE DESIGNER.
 - 3.) ENSURE THAT ALL CONSTRUCTION, MATERIALS, METHODS OF INSTALLATION, AND BRACING COMPLY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
 - 4.) MAKE GOOD ALL DISTURBED OR DAMAGED DURING CONSTRUCTION WHETHER SHOWN ON THE DRAWINGS OR NOT.
 - 5.) REPORT ANY CONTEMPLATED DEVIATIONS FROM THE APPROVED DRAWINGS OR SPECIFICATIONS TO THE DESIGNER PRIOR TO MAKING ANY CHANGES.
 - 6.) PROVIDE CUTTING, PATCHING AND REMEDIAL WORK IN ORDER TO ENSURE PARTS OF THE WORK COME TOGETHER PROPERLY.
 - 7.) TEMPORARY BRACING TO BE USED WHEREVER NECESSARY TO WITHSTAND ALL LOADS DURING ERECTION AND SUBSEQUENT CONSTRUCTION.
- CONCRETE FOOTING, FOUNDATION WALLS & SLABS.
- 1.) CONCRETE FOOTING TO REST ON UNDISTURBED SOIL CAPABLE OF SUSTAINING A LOAD OF 1570 LBS. PER SQUARE FOOT MINIMUM 4'-0" BELOW GRADE.
 - 2.) FOOTINGS TO CONFORM TO O.B.C. SECTION 9.15.
 - 3.) STEPPED FOOTINGS MAX. 2'-0" HORIZONTAL AND VERTICAL STEP 2/3 HORIZONTAL STEP TO MAX. 5'-0".
 - 4.) FOUNDATION WALLS TO BE MIN. 8" THICK UNLESS OTHERWISE NOTED.
 - 5.) ALL FOUNDATION WALLS TO EXTEND MIN. 6" ABOVE GRADE.
 - 6.) FOR BASEMENT WINDOWS OR DOORS OVER 4'-0" WIDE REINFORCE WITH 2/10M BARS EXTENDING 12" EACH SIDE.
 - 7.) HABITABLE ROOMS ON CONCRETE SLABS TO BE DAMPROOFED WITH 6 MIL. POLY VAPOUR BARRIER.

STEEL COLUMNS.

- 1.) STEEL COLUMN PLATES TO BE ANCHORED TO FOOTING WITH MIN. TWO 1/2" DIA. BOLTS MIN. 4" INTO FOOTING.
- 2.) STEEL COLUMN PLATES TO BE CONNECTED TO STEEL BEAMS WITH MIN. TWO 1/2" DIA. BOLTS, OR WELD PLATES TO BEAM FLANGES.
- 3.) STEEL COLUMNS TO BE MINIMUM 3 1/2" OUTSIDE DIAMETER AND 3/16" WALL THICKNESS. STEEL COLUMNS SHALL BE TREATED WITH AT LEAST ONE COAT RUST INHIBITIVE PAINT.

WOOD FRAMING.

- 1.) ALL FRAMING LUMBER TO O.B.C. STANDARDS. ALL FRAMING LUMBER INDICATED ON DRAWINGS TO BE S.P.F. No.2 UNLESS OTHERWISE SPECIFIED.
- 2.) BEAMS TO HAVE MIN. BEARING OF 3 1/2" LATERAL SUPPORT. WALLS SUPPORTING JOISTS, ANCHOR SILL PLATE WITH 1/2" DIA. ANCHOR BOLTS MAX. 7'-10" O.C. EMBEDDED 4" INTO MASONRY OR ANCHORED EVERY 4TH JOISTS NOT RESTING ON A PLATE WITH 3/16" X 1 1/2" STEEL JOIST ANCHORS.
- 3.) LATERAL SUPPORT. WALLS PARALLEL TO JOISTS, BEND 3/16" X 1 1/2" STEEL STRAP 3" INTO MASONRY AND FIX TO 3 PARALLEL JOISTS OR FIX SILL PLATE TO 3 RIGIDLY CONNECTED FLOOR JOISTS AT 7'-10" MAX.
- 4.) ALL JOISTS TO HAVE BRIDGING OVER INTERIOR BEARING WALLS AND BEAMS.
- 5.) MIN. SILL PLATE 2" X 4".
- 6.) SILL PLATES ANCHORS TO BE MIN. 1/2" DIA. BOLTS EMBEDDED 4" INTO FOUNDATION WALLS.
- 7.) SPACE FLOOR JOISTS AT 12" O.C. UNDER KITCHEN AREAS.
- 8.) SPACE FLOOR JOISTS AT 12" O.C. FOR CANTILEVERS.
- 9.) MIN. 1 1/2" END BEARING REQUIRED FOR FLOOR JOISTS. CEILING JOISTS, ROOF JOISTS AND RAFTERS.
- 10.) PROVIDE METAL JOISTS HANGERS FOR SUPPORT OF JOISTS FRAMING INTO SIDES OF WOOD BEAMS. HEADER AND TRIMMER JOISTS WHEN REQUIRED.

PRE-MANUFACTURED WOOD FRAMING.

- 1.) ALL FRAMING MATERIALS AND METHODS FOR PRE-MANUFACTURED WOOD CONSTRUCTION (WOOD "I" FLOOR JOISTS) ARE TO BE INSTALLED AS PER MANUFACTURERS DETAILS AND SPECIFICATIONS.
- 2.) PRE-MANUFACTURED WOOD SUPPLIER SHALL SUBMIT SHOP DRAWINGS SHOWING LOCATION, LOADING, ALLOWABLE AND ACTUAL DESIGN STRESSES, DEFLECTION LIMITATION, TEMPORARY AND PERMANENT BRACING, CONNECTION AND BEARING DETAILS AND SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER LICENSED AND INSURED TO PRACTICE IN THE PROVINCE OF ONTARIO.
- 3.) SHOP DRAWINGS ARE TO BE SUBMITTED TO THE DESIGNER FOR APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION.

GLUE LAMINATED WOOD BEAMS.

- 1.) ALL FRAMING MATERIALS AND METHODS FOR GLUE LAMINATED WOOD BEAMS TO BE INSTALLED AS PER MANUFACTURERS DETAILS AND SPECIFICATION.
- 2.) ALL BEAM TO BEAM, AND BEAM TO COLUMN CONNECTIONS SHALL BE MIN 1/2" METAL PLATE CONNECTIONS C/W MIN 2- 5/8" DIA. THROUGH BOLTS AT EACH MEMBER BEING CONNECTED.
- 3.) ALL EXPOSED CONNECTIONS INCLUDING BOLTS MUST BE COATED TO RESIST CORROSION.
- 4.) SUBSTITUTION OF BEAMS FOR DIFFERENT SIZES OR MATERIALS MUST BE APPROVED BY THE DESIGNER PRIOR TO INSTALLATION.
- 5.) BEAM SUPPLIER SHALL SUBMIT SHOP DRAWINGS AND ENGINEERING CALCULATIONS FOR BEAMS SHOWN ON DRAWINGS OR FOR SUBSTITUTIONS BEING PROPOSED AND SHALL BEAR THE SEAL OF PROFESSIONAL ENGINEER LICENSED AND INSURED TO PRACTICE IN THE PROVINCE OF ONTARIO. SHOP DRAWINGS MUST BE SUBMITTED TO THE DESIGNER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF

MASONRY VENEER WALL.

- 1.) MIN 3 5/8" THICKNESS UP TO 24'-0" MAX. HEIGHT.
- 2.) MASONRY TIES TO BE GALVANIZED. CORROSION RESISTANT CORRUGATED 22ga., 7/8" WIDE SPACED 16" O.C. HORIZONTALLY, AND 24" O.C. VERTICALLY NAILED TO STUDS THROUGH THE SHEATHING.
- 3.) PROVIDE 1" AIR SPACE BETWEEN VENEER AND WALL SHEATHING.
- 4.) DRAIN BOTTOM OF WALL WITH WEEP HOLES AT MIN. 2'-0" O.C. IN STARTER COURSE MIN. 6" ABOVE FINISHED GRADE C/W 3/8" DIA. WEEP HOLES.
- 5.) PROVIDE 6 MIL POLY FLASHING UNDER STARTER COURSE UNDER WEEP HOLES AND UP WALL MIN. 6" UNDER SHEATHING PAPER.
- 6.) MAX. CORBEL OVER FOUNDATION WALL 1/2".

ROOF CONSTRUCTION.

- 1.) ALL ROOF TRUSSES MUST BE DESIGNED AND FABRICATED IN ACCORDANCE WITH N.B.C. PART 9.
- 2.) TRUSS SUPPLIER SHALL SUPPLY ALL NECESSARY PLANS INCLUDING DRAWINGS SHOWING LOCATION, LOADING, ALLOWABLE STRESSES, TEMPORARY AND PERMANENT BRACING AND SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER LICENSED AND INSURED TO PRACTICE IN THE PROVINCE OF ONTARIO. TRUSS DRAWINGS MUST BE SUBMITTED TO THE DESIGNER AND THE CHIEF BUILDING OFFICIAL FOR APPROVAL AND TO VERIFY ALL BEAM AND LINTEL SIZES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 3.) HIP AND VALLEY RAFTERS TO BE 2" DEEPER THAN COMMON RAFTERS.
- 4.) ROOF EDGE SUPPORTS TO BE MIN. 2"X2" BLOCKING.
- 5.) PROVIDE 1"X4" CONTINUOUS TRUSS BRIDGING AT 7'-0" O.C. MAXIMUM.
- 6.) PROVIDE 2"X4" WALL TIES ACROSS JOINTS OR BOTTOM TRUSS CORDS AT MIN. 4'-0" O.C. FOR ROOF SLOPES 4/12 OR GRATER

FLASHING.

- 1.) FLASHING IS REQUIRED UNDER ALL JOINTED SILLS AND OVERHEADS OF WINDOW AND DOORS IN EXTERIOR WALLS IF DISTANCE BELOW EAVE IS MORE THAN 1/2" OF THE ROOF OVERHANG.
- 2.) CHIMNEY FLASHING IS REQUIRED AT INTERSECTION WITH ROOF. FLASH OVER A CHIMNEY SADDLE WHEN WIDTH OF CHIMNEY EXCEEDS 1'-6"
- 3.) FLASHING REQUIRED AT INTERSECTION OF ROOFS AND WALL, VALLEYS, AND OVER PARAPET WALLS.
- 4.) FLASHING BETWEEN ROOF SHINGLES AND WALL SIDING TO BE 20ga. GALV. METAL AND TO EXTEND 6" VERTICALLY AND HORIZONTALLY.

FIRE SEPARATIONS.

- 1.) VERTICAL JOINTS BETWEEN MASONRY FIRE SEPARATIONS AND EXTERIOR WALLS SHALL BE CAULKED.
- 2.) ELECTRICAL SWITCHES, RECEPTACLES, ETC. ON OPPOSITE SIDES OF MASONRY FIRE SEPARATIONS SHALL NOT BE LOCATED WITHIN THE SAME MASONRY UNIT OR CORE.
- 3.) BEAMS AND JOISTS FRAMED INTO THE FIRE SEPARATIONS SHALL NOT REDUCE THE THICKNESS TO LESS THAN 4" OF MASONRY.

SMOKE ALARMS.

- 1.) SMOKE ALARMS SHALL BE INSTALLED IN EACH DWELLING UNIT.
- 2.) SMOKE ALARMS SHALL BE INSTALLED IN EACH SLEEPING ROOM.
- 3.) SMOKE ALARMS SHALL BE LOCATED ON EACH FLOOR LEVEL NEAR THE STAIRS CONNECTING THE FLOOR LEVELS. AND SHALL BE LOCATED BETWEEN BEDROOMS AND OTHER LIVING AREAS SUCH AS IN A HALLWAY OR CORRIDOR SERVING SUCH AREAS.
- 3.) ALL SMOKE ALARMS SHALL BE INSTALLED BY PERMANENT CONNECTIONS TO AN ELECTRICAL CIRCUIT. AND WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED THEY SHALL BE INSTALLED SO THAT THE ACTIVATION OF ONE ALARM WILL CAUSE ALL ALARMS WITHIN THE DWELLING UNIT TO SOUND.

NBC NOTES - GENERAL

TYPICAL PROJECT RELATED NOTES:

- 9.20.13 CONTROL OF RAIN WATER PENETRATION
- 9.20.13.1 MATERIALS FOR FLASHING
1. MATERIALS USED FOR FLASHING SHALL CONFORM TO TABLE 9.20.13.1 OF THE ONTARIO BUILDING CODE.
2. ALUMINUM FLASHING IN CONTACT WITH MASONRY OR CONCRETE SHALL BE EFFECTIVELY COATED OR SEPARATED FROM THE MASONRY OR CONCRETE BY AN IMPERVIOUS MEMBRANE.
- 9.20.0.2 FASTENING OF FLASHING
1. FASTENING DEVICES FOR FLASHING SHALL BE CORROSION RESISTANT AND WHERE METAL FLASHING IS USED, SHALL BE COMPATIBLE WITH THE FLASHING WITH RESPECT TO GALVANIC ACTION.

9.20.0.2 LOCATION OF FLASHING

1. FLASHING SHALL BE INSTALLED IN MASONRY AND MASONRY INSTALLED WALLS;
 - a. BENEATH JOINTED MASONRY WINDOW SILLS,
 - b. OVER THE BACK AND TOP OF PARAPET WALLS,
 - c. OVER THE HEAD OF GLASS BLOCK PANELS, BENEATH WEEP HOLES AND,
 - d. OVER THE HEAD OF WINDOW AND DOOR OPENINGS IN EXTERIOR WALLS WHEN THE VERTICAL DISTANCE BETWEEN THE TOP OF A WINDOW OR DOOR FRAME AND THE BOTTOM EDGE OF THE EAVES EXCEEDS 1 4" OF THE HORIZONTAL EAVE OVERHANG.
2. THROUGHWALL FLASHING SHALL BE PROVIDED IN A MASONRY VENEER WALL SUCH THAT ANY MOISTURE WHICH ACCUMULATES IN THE AIR SPACE WILL BE DIRECTED TO THE EXTERIOR OF THE BUILDING.

9.20.0.2 EXTENSION OF FLASHING

1. A FLASHING MAY BE DELETED WHEN THE MASONRY AT THE SILL OF A WALL OPENING OR THE TOP OF A WALL IS PROTECTED BY AN IMPERVIOUS NON-JOINTED MASONRY COPING WHICH CONFORMS TO ARTICLE 9.20.13.12.
2. WHEN INSTALLED BENEATH JOINTED MASONRY WINDOW SILL AND JOINTED MASONRY COPINGS OR OVER THE HEADS OF OPENINGS, FLASHING SHALL EXTEND FROM THE FRONT EDGE OF THE MASONRY UP BEHIND THE SILL OR LINTEL

9.20.0.2 FLASHING FOR WEEP HOLES IN MASONRY VENEER/ MASONRY WALLS

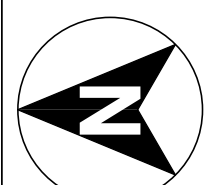
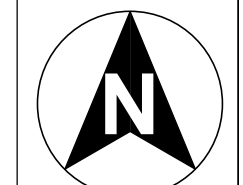
1. FLASHING BENEATH WEEP HOLES IN CAVITY WALLS AND MASONRY VENEER/MASONRY BRICK-UP WALLS SHALL;
 - a) BE BEDDED NOT LESS THAN 25MM (1") IN THE INSIDE WYTHE,
 - b) EXTENDED TO NOT LESS THAN 5MM (3/16") BEYOND THE OUTER FACE OF THE BUILDING ELEMENT BELOW THE FLASHING, AND
 - c) BE INSTALLED WITH A NOMINALLY HORIZONTAL SLOPE TOWARDS THE OUTSIDE WYTHE.
- 9.20.0.2 FLASHING FOR WEEP HOLES IN VENEER
1. FLASHING BENEATH WEEP HOLES IN MASONRY VENEER OVER MASONRY BACK-UP WALLS SHALL CONFORM TO THE FLASHING REQUIREMENTS FOR CAVITY WALLS AND MASONRY VENEER/MASONRY BACK-UP WALLS IN ARTICLE 9.20.13.5.
2. FLASHING BENEATH WEEP HOLES IN MASONRY VENEER OVER WOOD-FRAME WALLS SHALL BE INSTALLED SO THAT IT EXTENDS FROM A POINT NOT LESS THAN 5MM (3/16") BEYOND THE OUTER FACE OF THE BUILDING ELEMENT BELOW THE FLASHING TO A POINT 150MM (5T 8") UP TO WOOD FRAME WALL.
3. WHERE THE FRAME WALL IS SHEATHED WITH SHEATHING MEMBRANE, A NON-WOOD-BASED RIGID EXTERIOR INSULATING SHEATHING OR A SEMI-RIGID INSULATING SHEATHING WITH AN INTEGRAL SHEATHING MEMBRANE, THE FLASHING SHALL BE INSTALLED BEHIND THE SHEATHING MEMBRANE OR INSULATING SHEATHING.
4. FLASHING DESCRIBED IN SENTENCE (2) IS PERMITTED TO CONFORM TO THE REQUIREMENTS

MOISTURE PROTECTION REQUIRE BARRIER TO AIR LEAKAGE

1. THERMALLY INSULATED WALL, CEILING AND FLOOR ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO INCLUDE AN AIR BARRIER SYSTEM WHICH WILL PROVIDE A CONTINUOUS BARRIER TO AIR LEAKAGE;
 - a) FROM THE INTERIOR OF THE BUILDING INTO WALL, FLOOR, ATTIC OR ROOF SPACES SUFFICIENT TO PREVENT EXCESSIVE MOISTURE CONDENSATION IN SUCH SPACES DURING THE WINTER, AND
 - b) FROM THE EXTERIOR INWARD SUFFICIENT TO PREVENT MOISTURE CONDENSATION ON THE ROOM SIDE DURING WINTER.
- 9.25.3.3 CONTINUITY OF THE AIR BARRIER SYSTEM
1. WHERE THE AIR BARRIER SYSTEM CONSIST OF AN AIR IMPERMEABLE PANEL-TYPE MATERIAL, ALL JOINTS SHALL BE SEALED TO PREVENT AIR LEAKAGE.
2. WHERE THE AIR BARRIER SYSTEM CONSIST OF FLEXIBLE SHEET MATERIAL, ALL JOINTS SHALL BE;
 - a) SEALED OR
 - b) LAPPED NOT LESS THAN 100MM (4") AND CLAMPED, SUCH AS BETWEEN FURRING OR BLOCKING AND RIGID PANELS.
3. WHERE AN INTERIOR WALL MEETS AND EXTERIOR WALL, CEILING FLOOR OR ROOF REQUIRED TO BE PROVIDED WITH AN AIR BARRIER PROTECTION, THE AIR BARRIER SYSTEM SHALL EXTEND ACROSS THE INTERSECTION.
4. WHERE AN INTERIOR WALL PROJECTS THROUGH A CEILING OR EXTENDS TO BECOME AN EXTERIOR WALL, SPACES IN THE WALL SHALL BE BLOCKED TO PROVIDE CONTINUITY ACROSS THOSE SPACES WITH THE AIR BARRIER SYSTEM IN THE ABUTTING WALLS OR CEILING.
5. WHERE AN INTERIOR FLOOR PROJECTS THOUGH AN EXTERIOR WALL OR EXTENDS TO BECOME AN EXTERIOR FLOOR, CONTINUITY OF THE AIR BARRIER SYSTEM SHALL BE MAINTAINED FROM THE ABUTTING WALLS ACROSS THE FLOOR ASSEMBLY.
6. PENETRATION OF THE AIR BARRIER SYSTEM, SUCH AS THOSE CREATED BY THE INSTALLATION OF DOORS, WINDOWS, ELECTRICAL WIRING, ELECTRICAL BOXES, PIPING OR DUCT WORK, SHALL BE SEALED TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER SYSTEM OVER THE ENTIRE SURFACE.
7. ACCESS HATCHES INSTALLED THROUGH ASSEMBLIES CONSTRUCTED WITH AN AIR BARRIER SYSTEM SHALL BE WEATHERSTRIPPED AROUND THEIR PERIMETERS TO PREVENT AIR LEAKAGE.
8. CLEARNESS BETWEEN CHIMNEYS OR GAS VENTS AND THE SURROUNDING CONSTRUCTION WHICH WOULD PERMIT AIR LEAKAGE FROM WITHIN THE BUILDING INTO A WALL OR ATTIC OR ROOF SPACE SHALL BE SEALED BY NONCOMBUSTIBLE MATERIAL TO PREVENT SUCH LEAKAGE.

9.25.4.1 REQUIRED BARRIER TO VAPOR DIFFUSION

1. THERMALLY INSULATED WALL, CEILING AND FLOOR ASSEMBLIES SHALL BE CONSTRUCTED WITH A VAPOUR BARRIER SUFFICIENT TO PREVENT CONDENSATION IN THE WALL SPACES, FLOOR SPACES OR ATTIC OR ROOF SPACES.
- 9.25.4.1 INSTALLATION OF VAPOUR BARRIERS
1. VAPOUR BARRIER SHALL BE INSTALLED TO PROTECT THE ENTIRE SURFACES OF THERMALLY INSULATED WALL, CEILING AND FLOOR ASSEMBLIES
2. VAPOUR BARRIERS SHALL BE INSTALLED SUFFICIENTLY CLOSE TO THE WARM SIDE OF INSULATION TO PREVENT CONDENSATION AT DESIGN CONDITIONS.

true north	const. north
	
REVISION	
No.	Date
	Description

project	issue for permit
12/26/2025	

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4; ARCHPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are submissions of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

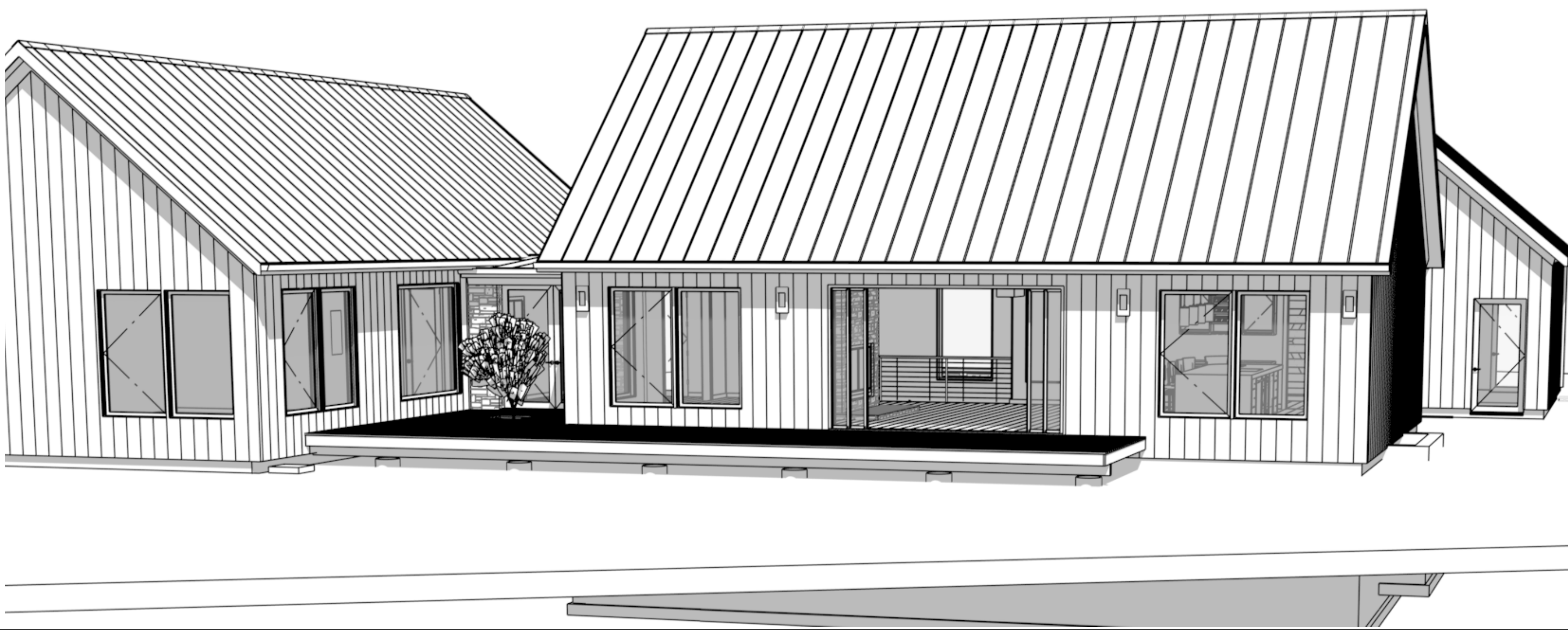
PROJECT PRAIRE SINGLE STORY

DRAWING

STANDARDS

PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:
A-2



GENERAL SPECIFICATIONS

true north	const. north	
REVISION		
No.	Date	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4; ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

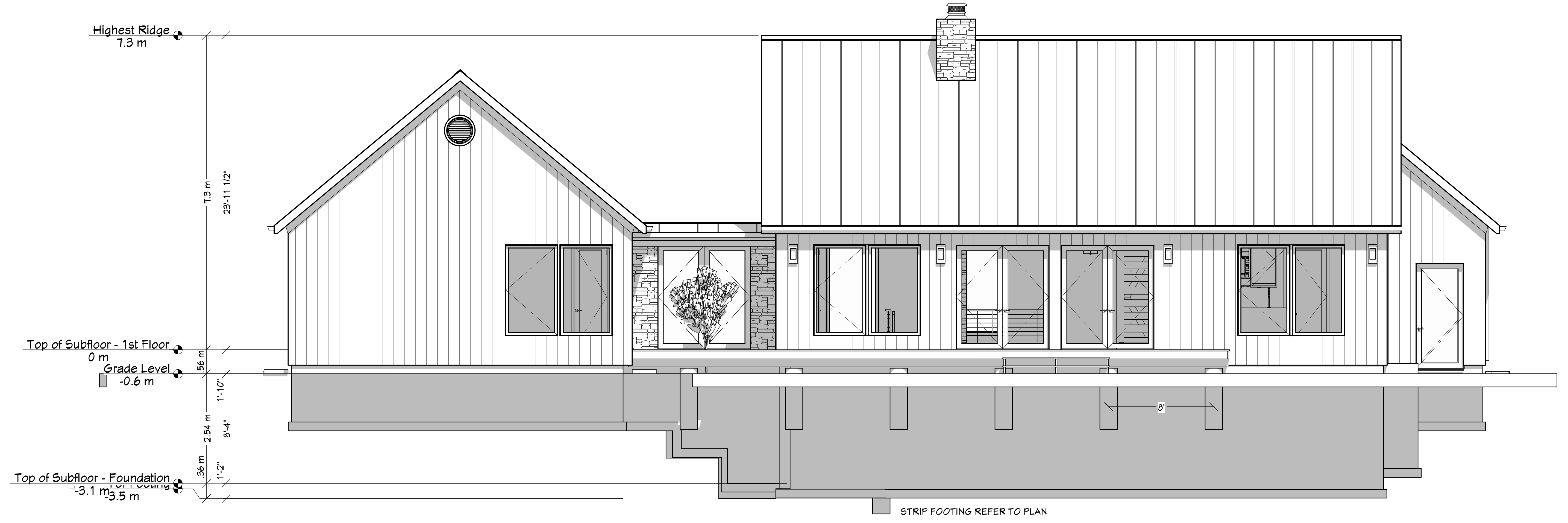
PROJECT
PRAIRE SINGLE STORY

DRAWING

ELEVATIONS

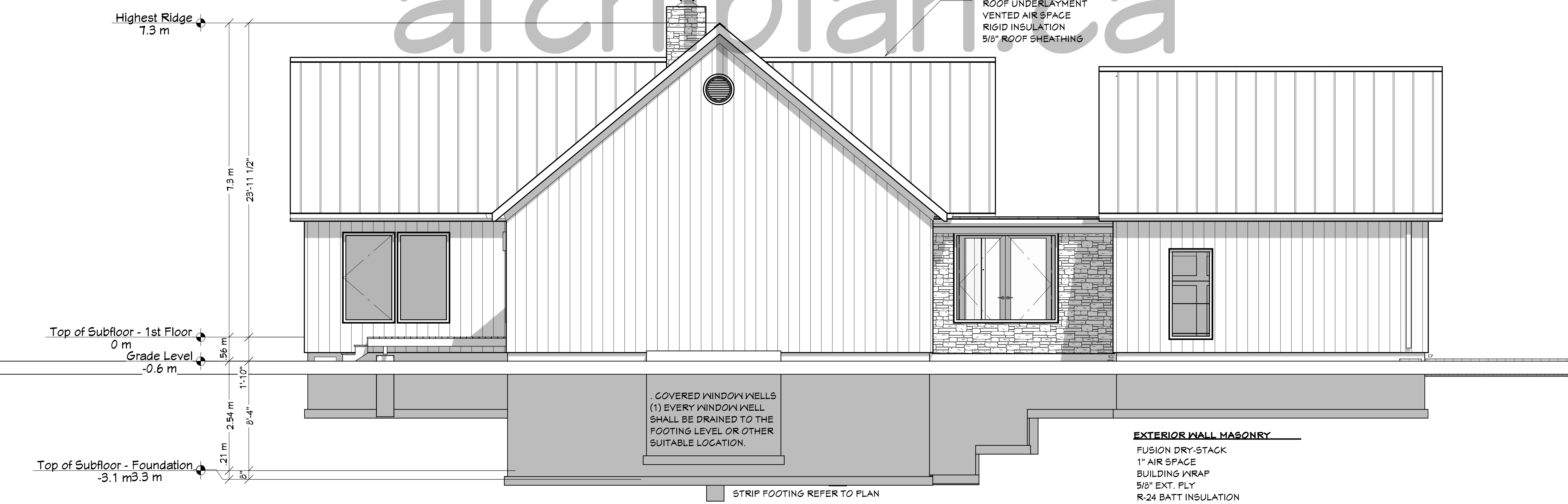
PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:
A-4

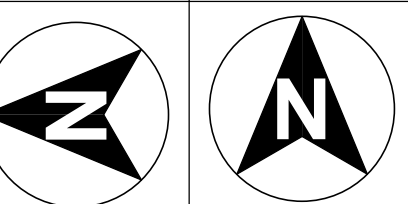


SOUTH ELEVATION 1/4"=1'-0"

INTERLOCK STANDING SEAM ROOF
STANDING SEAM ROOF
ROOF UNDERLAYMENT
VENTED AIR SPACE
RIGID INSULATION
5/8" ROOF SHEATHING



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



REVISION

No.	Date	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS.
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail. These drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the most revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

PROJECT
PRAIRE SINGLE STORY

DRAWING

FOUNDATION

PROJECT NO.

PLOT DATE: 12/26/2025

SCALE:

SHEET:

A-5

FOUNDATION WALL AND WOOD FRAMING CONTINUOUS W/EXT. WALL ABOVE
2" X 4" SP. STUDS @ 16" O.C. STAND OFF FROM FND. WALL WHERE SHOWN
FIBERGLASS BATT INSULATION MIN. R18
INSUL. CONT. BEHIND STUD WALL AND EXT. WALL FOUNDATION
BETWEEN CONT. MEMBRANE VAPOR BARRIER MIN. 1/2" GYPSUM BOARD.

TYPICAL PERIMETER FOOTING:
24" X 8" CONG. FOOTING W/ 2-15M REBARS AT BOTTOM AND DOWELS @ 16" O.C. -TIE DOWELS TO VERTICAL REBARS AS REQUIRED IN WALL

FOUNDATION WALL AND WOOD FRAMING CONTINUOUS W/EXT. WALL ABOVE
2" X 4" SP. STUDS @ 16" O.C. STAND OFF FROM FND. WALL WHERE SHOWN FIBERGLASS BATT INSULATION MIN. R18
INSUL. CONT. BEHIND STUD WALL AND EXT. WALL FOUNDATION BETWEEN CONT. MEMBRANE VAPOR BARRIER MIN. 1/2" GYPSUM BOARD.

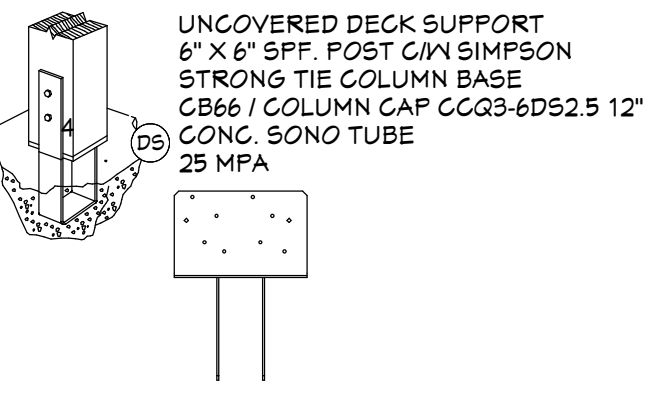
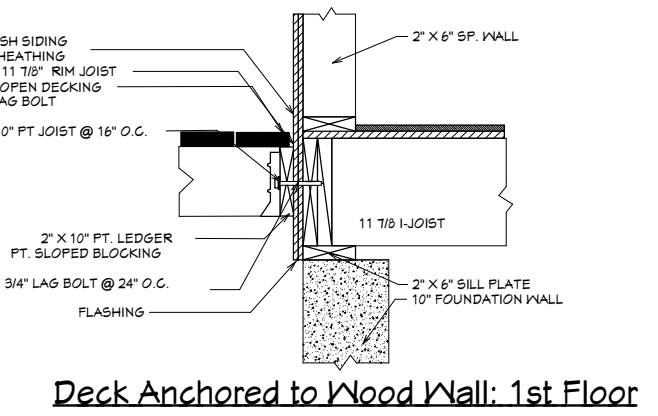
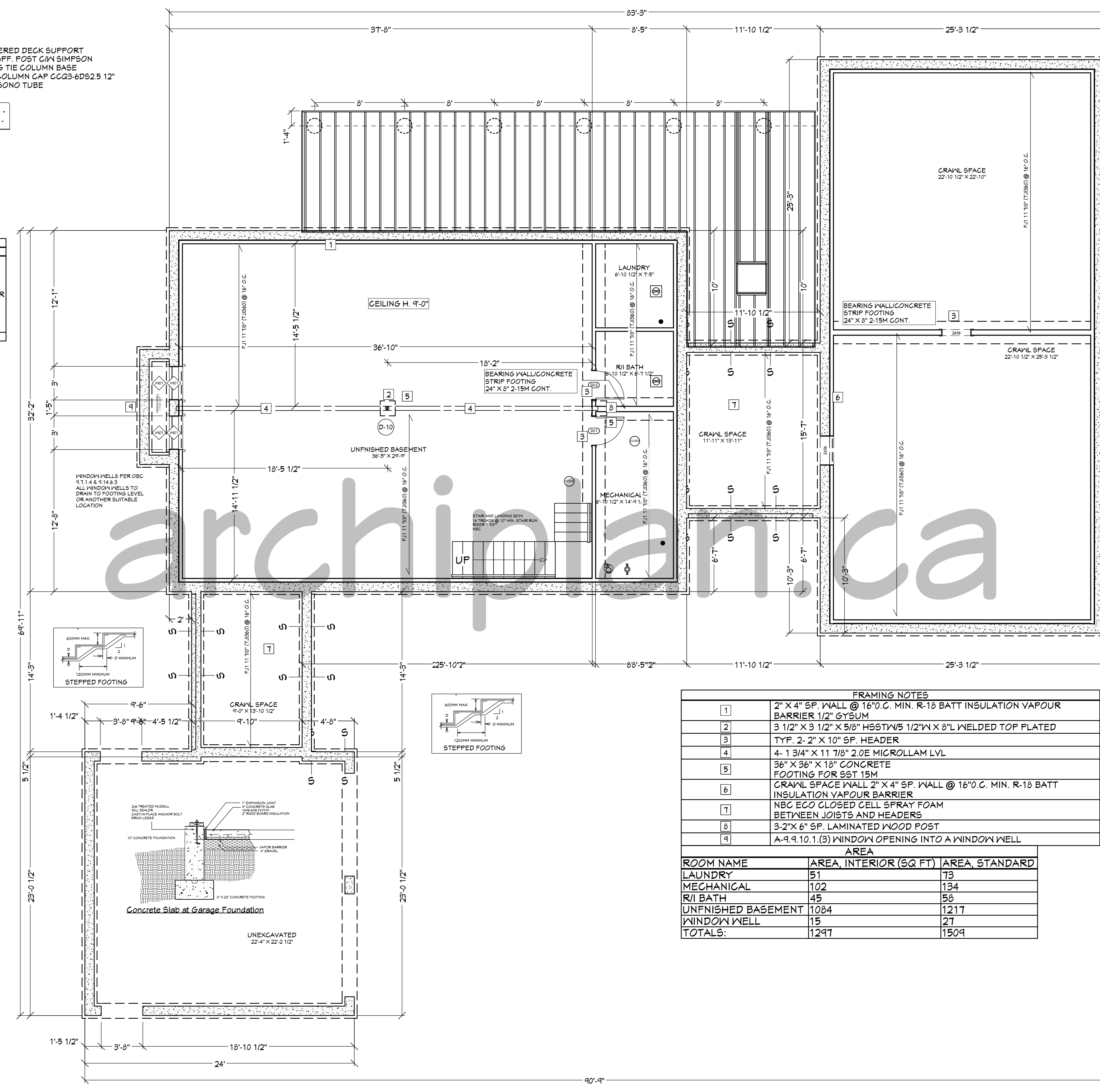
ELECTRICAL SCHEDULE		
2D SYMBOL	DESCRIPTION	3D SYMBOL
	CO2 SMOKE DETECTOR	
	EXHAUST FAN	
MECHANICAL		
1	DESCRIPTION	3D SYMBOL
1	SUMP PUMP	
1	WATER METER	
1	ROUND DRAIN	

FRAMING NOTES	
1	2" X 4" SP. WALL @ 16" O.C. MIN. R-18 BATT INSULATION VAPOUR BARRIER 1/2" GYSUM
2	3 1/2" X 3 1/2" X 5/8" HSSTW/5 1/2"W X 8"L WELDED TOP PLATED
3	TYP. 2-2" X 10" SP. HEADER
4	4-1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
5	36" X 36" X 18" CONCRETE FOOTING FOR SST 15M
6	CRAWL SPACE WALL 2" X 4" SP. WALL @ 16" O.C. MIN. R-18 BATT INSULATION VAPOUR BARRIER
7	NBC ECO CLOSED CELL SPRAY FOAM INSULATION VAPOUR BARRIER
8	3-2" X 6" SP. LAMINATED WOOD POST
9	A-9.9.10.1.(3) WINDOW OPENING INTO A WINDOW WELL

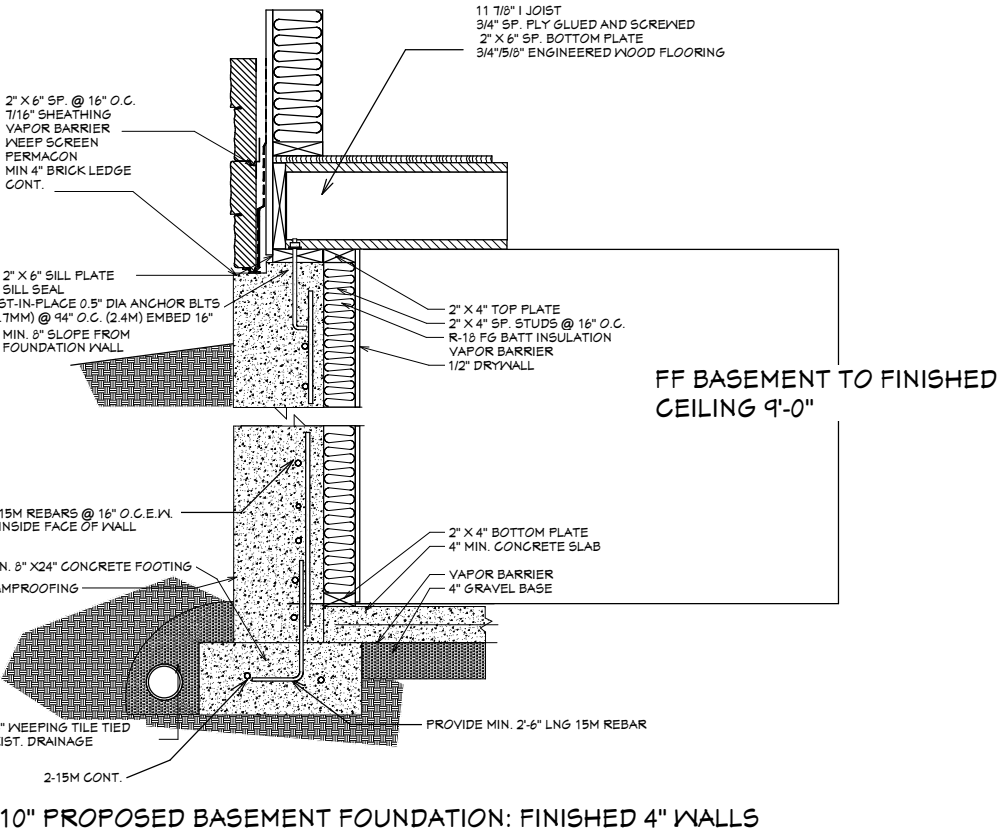
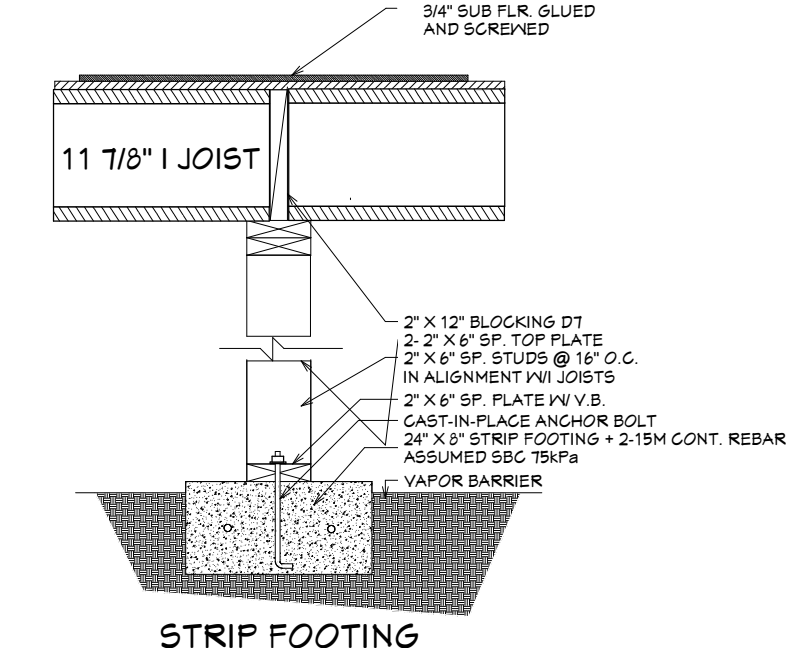
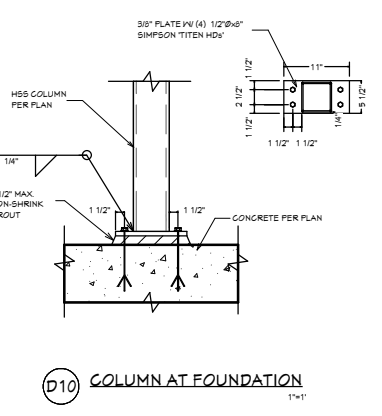
AREA		
ROOM NAME	AREA, INTERIOR (SQ FT)	AREA, STANDARD
LAUNDRY	51	73
MECHANICAL	102	134
R/I BATH	45	58
UNFINISHED BASEMENT	1084	1217
WINDOW WELL	15	27
TOTALS:	1297	1509

3- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
5/8" A307 THRU BOLTS @ 24" O.C.

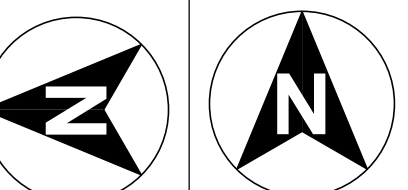
2" X 6" SP. LAMINATED POST
5D STRUCTURAL WOOD SCREWS
BOTH SIDES @ 16" O.C.



CBC 9.17.2.3. MINIMUM WINDOW AREAS 4%						
NUMBER	3D PERSPECTIVE	AREA, ACTUAL	LABEL	QTY	FLOOR	DESCRIPTION
W01		16	30545C	2	0	37'X65" SINGLE CASEMENT-HR
TOTALS:		32				



FOUNDATION 3/16"=1'-0"



REVISION

No.	Date	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail. These drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

PROJECT
PRAIRE SINGLE STORY

DRAWING
GROUND FLOOR

PROJECT NO.

PLOT DATE: 12/26/2025

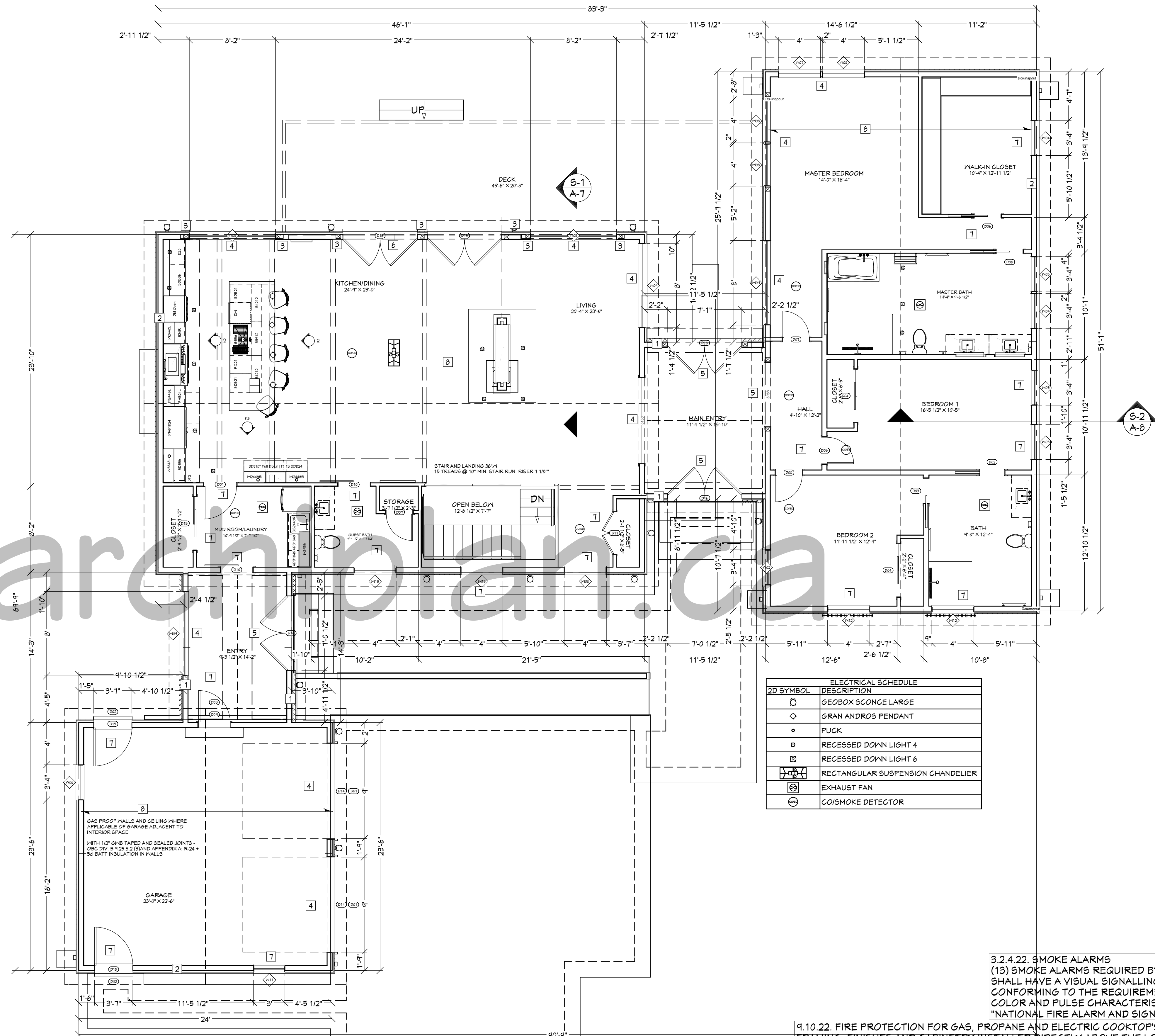
SCALE:
SHEET:

A-6

FRAMING NOTES	
1	3 1/2" PERMACON PANELS 1" AIR SPACE BRICK TIES BUILDING WRAP 5/8" EXT. PLY R-24 BATT INSULATION 6M VAPOUR BARRIER 1/2" DRYWALL
2	TYP. EXT. 2" X 6" SP. WALL @ 16" O.C. ENGINEERED SIDING FT. FURRING STRIP @ 16" O.C. 3/4" EXT. PLY R-24 BATT INSULATION VAPOUR BARRIER 1/2" DRYWALL
3	3-2" X 6" SP. LAMINATED WOOD POST
4	3- 1 3/4" X 9 1/2" 2.0E MICROLLAM LVL
5	2- 1 3/4" X 9 1/2" 2.0E MICROLLAM LVL
6	3- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
7	TYP. 2- 2" X 10" SP. LINTEL
8	ROOF TRUSSES @ 24" O.C. UNLESS NOTED REFER TO SEALED DRAWINGS PROVIDED BY SUPPLIER

AREA		
ROOM NAME	AREA, INTERIOR (SQ FT)	AREA, STANDARD
BATH	119	137
BEDROOM 1	181	200
BEDROOM 2	162	181
CLOSET	14	20
CLOSET	14	18
CLOSET	16	20
CLOSET	21	24
DECK	591	613
ENTRY	132	154
GARAGE	517	554
GUEST BATH	64	75
STORAGE	8	11
HALL	59	68
KITCHEN/DINING	569	598
LIVING	466	495
MAIN ENTRY	158	177
MASTER BATH	184	201
MASTER BEDROOM	301	334
MUD ROOM/LAUNDRY	82	91
OFFICE	42	47
OPEN BELOW	96	103
UTILITY	1	1
WALK-IN CLOSET	134	150
TOTALS:	3932	4281

3D EXTERIOR ELEVATION	QTY	FLOOR/R/O	GARAGE DESCRIPTION	AREA, ACTUAL
	2	1	110"X99" GARAGE-C11-SOLID	12
	2	1	44 7/16"X96 1/2" EXT. HINGED-GLASS PANEL	28.96
	1	1	38"X99" EXT. HINGED-GLASS PANEL	24
TOTALS:				225.92

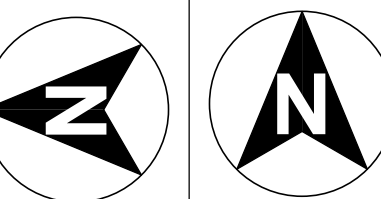


2D SYMBOL	DESCRIPTION
	GEBOX SCNGE LARGE
	GRAN ANDROS PENDANT
	PUCK
	RECESSED DOWN LIGHT 4
	RECESSED DOWN LIGHT 6
	RECTANGULAR SUSPENSION CHANDELIER
	EXHAUST FAN
	COISMOKE DETECTOR

FIRST FLOOR PLAN
LIVING AREA: 3005 sq ft 3/16" = 1'

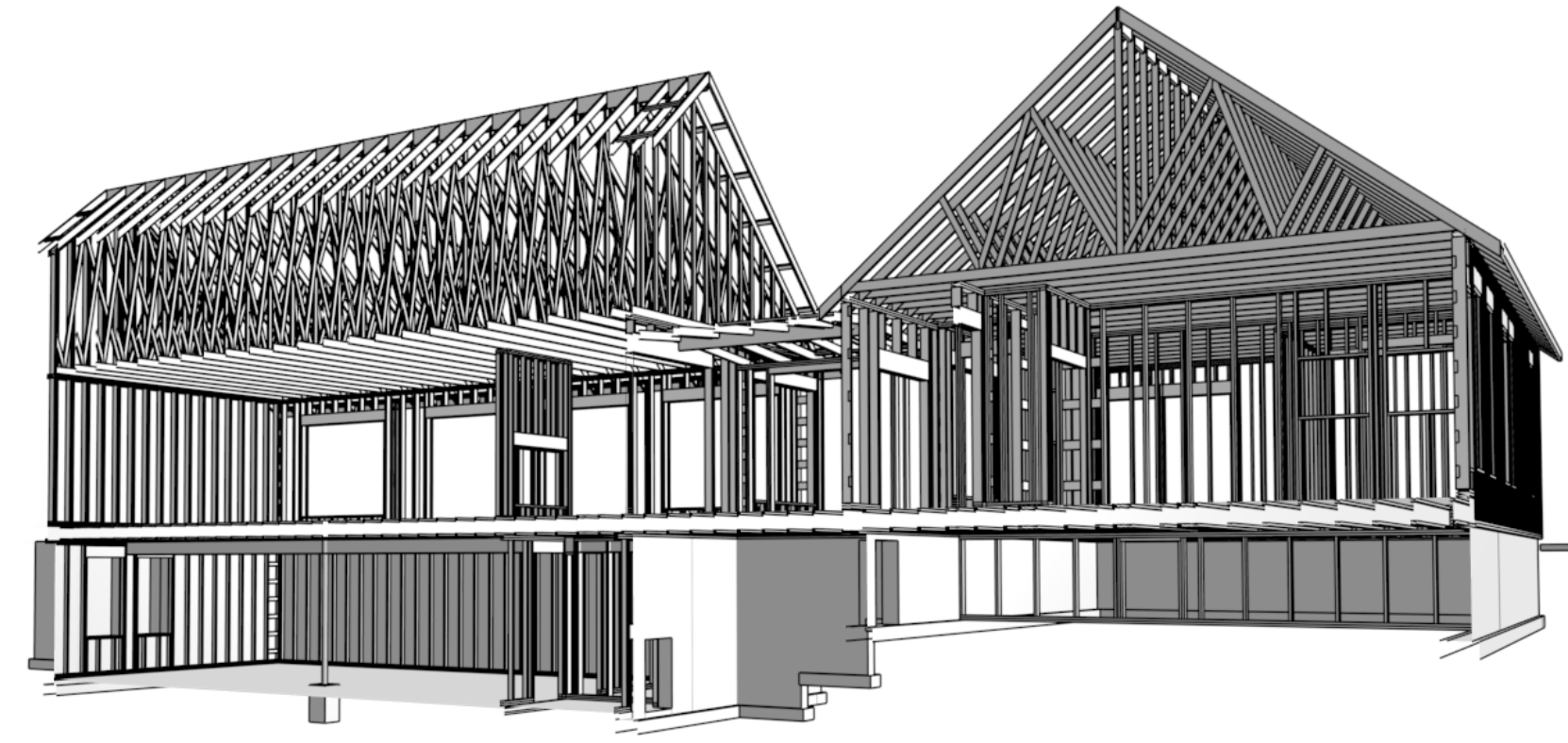
9.2.4.22. SMOKE ALARMS
(13) SMOKE ALARMS REQUIRED BY SENTENCE (1) SHALL HAVE A VISUAL SIGNALLING COMPONENT CONFORMING TO THE REQUIREMENTS IN 18.5.3. (LIGHT, COLOR AND PULSE CHARACTERISTICS) OF NFPA 72, "NATIONAL FIRE ALARM AND SIGNALING CODE".

9.10.22. FIRE PROTECTION FOR GAS, PROPANE AND ELECTRIC COOKTOP'S FRAMING, FINISHES AND CABINETRY INSTALLED DIRECTLY ABOVE THE LOCATION OF THE COOKTOP SHALL BE NOT LESS THAN 750MM (24- 1 2") ABOVE THE LEVEL OF COOKTOP BURNERS OR ELEMENTS. FRAMING, FINISHES AND CABINETS INSTALLED DIRECTLY ABOVE THE LOCATION OF THE COOKTOP IS PERMITTED TO BE REDUCED TO 600MM (23- 5 8") ABOVE THE LEVEL OF THE ELEMENTS OR BURNERS IN COMPLIANCE WITH 9.10.22.2 (2) (A) AND (B), EXCEPT AS PROVIDED IN 9.10.22.2. (2) AND (3), COMBUSTIBLE WALL FRAMING, FINISHES OR CABINETS WITHIN 450MM (17- 3 4") OF THE AREA WHERE THE COOKTOP IS TO BE LOCATED SHALL BE PROTECTED ABOVE THE LEVEL OF THE HEATING ELEMENTS OR BURNERS BY MATERIAL PROVIDING FIRE RESISTANCE NOT LESS THAN THAT OF A 9.5MM (3 8") THICKNESS OF GYPSUM BOARD.
NOTE: ALL WOOD FRAMED WINDOW OPENINGS THAT EXCEED 48" WIDE ARE TO HAVE 2X6 PLATES @ BOTTOM OF OPENING (TYP.) U.N.O.
NOTE: STRUCTURAL ENGINEER TO BE NOTIFIED PRIOR TO POURING OF CONCRETE TO INSPECT



REVISION		
No.	Date	Description

project
12/26/2025 issue for permit

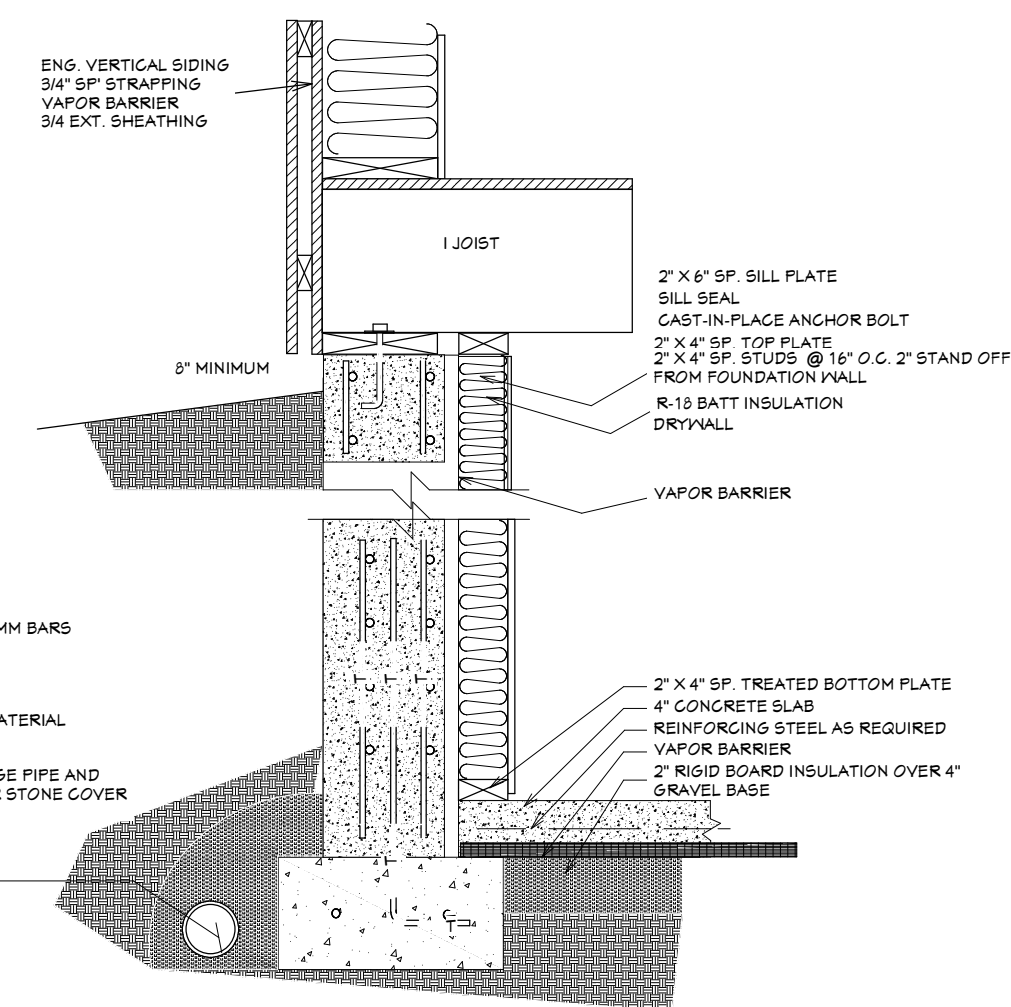
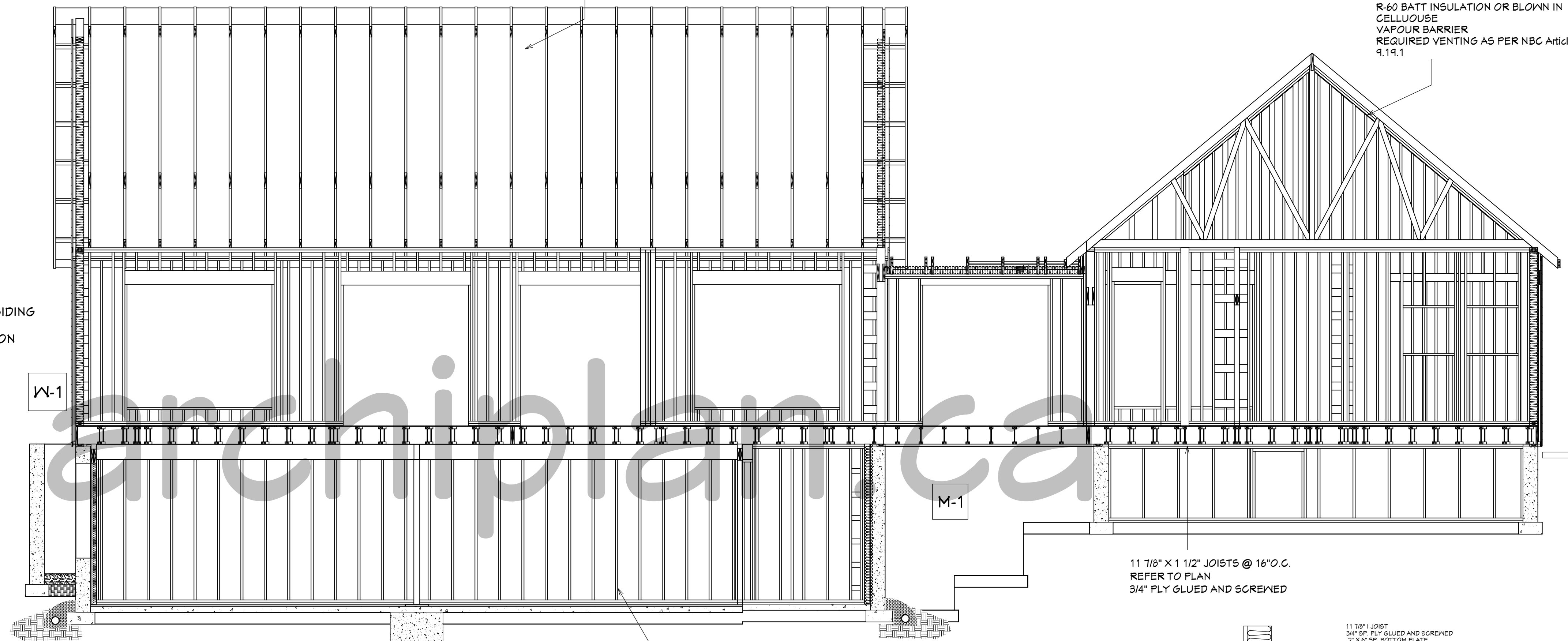


STANDING SEAM METAL ROOF/ASPHALT SHINGLES
1/2" PLYWOOD DECK
WOOD TRUSSES @ 24" O.C. UNLESS NOTED
VENTED ATTIC
R-60 BATT INSULATION OR BLOWN IN CELLULOSE
VAPOUR BARRIER
REQUIRED VENTING AS PER NBC Article 9.14.1)

STANDING SEAM METAL ROOF/ASPHALT SHINGLES
1/2" PLYWOOD DECK
WOOD TRUSSES @ 24" O.C. UNLESS NOTED
VENTED ATTIC
R-60 BATT INSULATION OR BLOWN IN CELLULOSE
VAPOUR BARRIER
REQUIRED VENTING AS PER NBC Article 9.14.1

W-1 TYP. EXT. 2" X 6" SP. WALL @ 16" O.C. EXT. ENG. SIDING AS PER ELEVATION
BUILDING WRAP/5/8" EXT. PLY R-24 BATT INSULATION
VAPOUR BARRIER/1/2" GYPSUM

COVERED WINDOW WELLS (1) EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION.

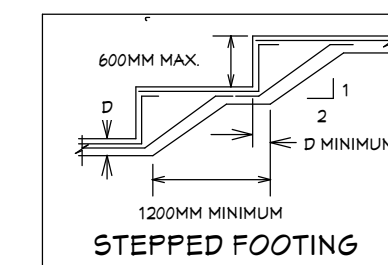


Basement Foundation 4" Walls

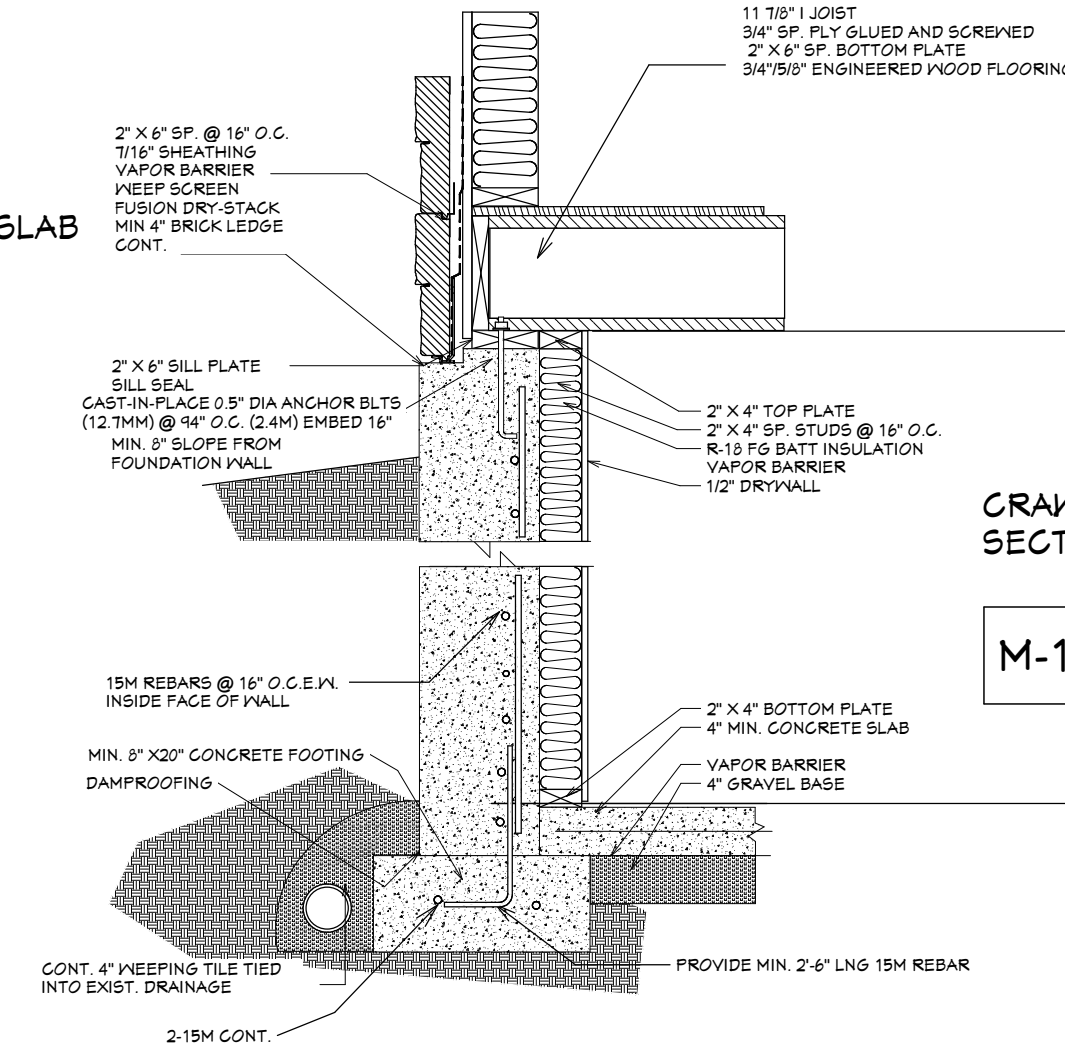
10" POURED CONCRETE WALL
15MM BARS @ 16" O.C. VERT. + 10MM BARS @ 16" O.C. HORIZONTAL
8" X 24" CONCRETE FOOTING
15MM DOWELS 2"-6" LG @ 16" O.C.

STRIP FOOTING REFER TO PLAN

TYPICAL 2"X4" FOUNDATION PERIMETER WALL
2"X4" SP. STUDS @ 16" O.C. R-18 BATT INSULATION
1/2" DRYALL ONE SIDE
2"X4" TREATED SILL PLATE (BASEMENT ONLY)
6MIL. POLY SEPERATING WOOD PLATE FROM CONC. SLAB



STEPPED FOOTING



CRAWL SPACE MASONRY SECTION

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHIPLAN.CA 2025

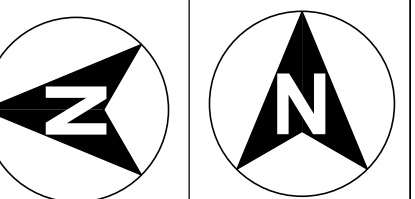
DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are submissions of service and the property of Attention To Detail. These drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY
PROJECT
PRAIRE SINGLE STORY

DRAWING
SECTION S-2
PROJECT NO.
PLOT DATE: 12/26/2025
SCALE:
SHEET:
A-8

PRE-SCREENING SUBJECT TO FINAL ENGINEER REVIEW
 REFER TO SEALED DRAWINGS TO BE PROVIDED BY PENN-TRUSS

true north const. north



REVISION	
No.	Description

project
 12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS
 Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

PROJECT
 PRAIRE SINGLE STORY

DRAWING

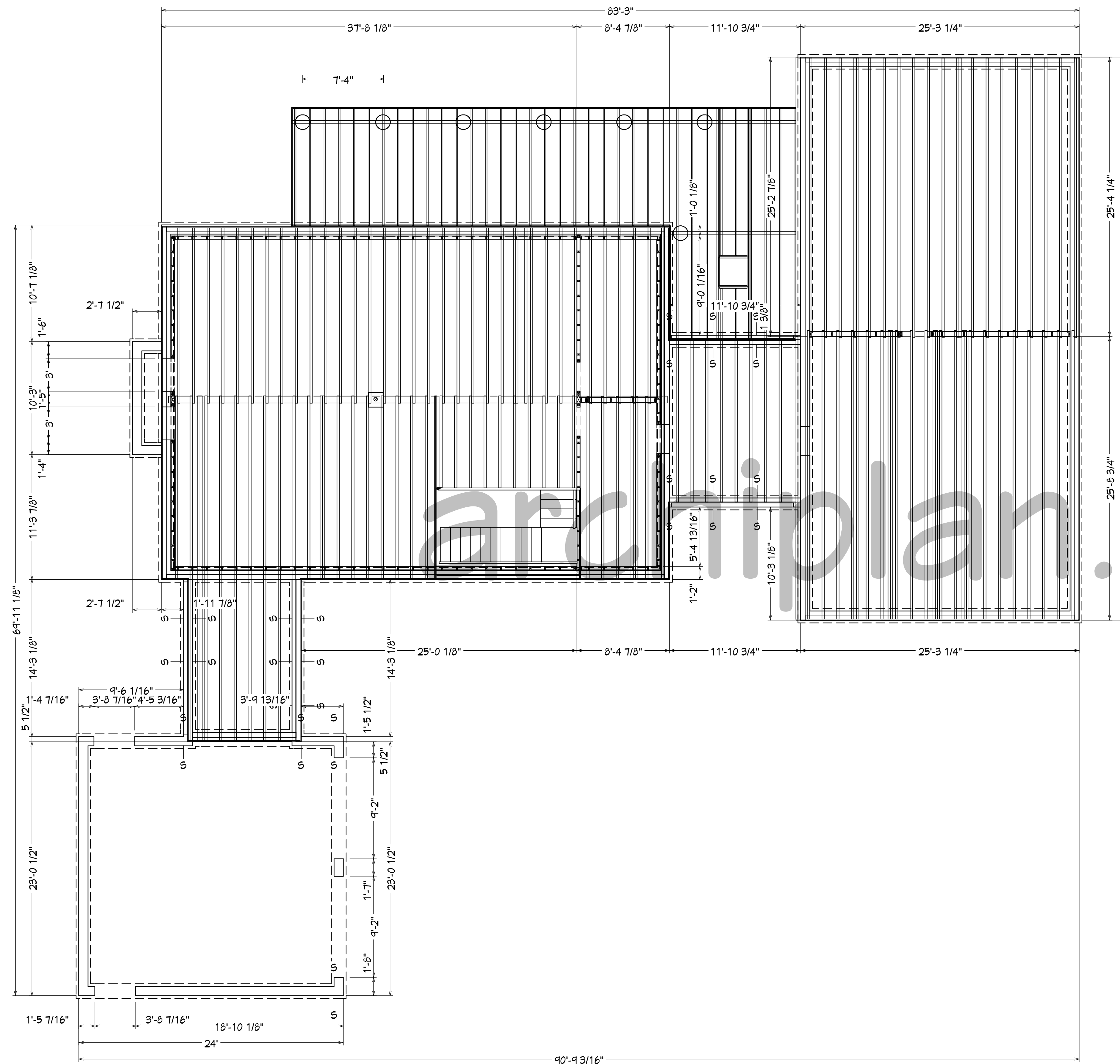
SECTION 5-2

PROJECT NO.

PLOT DATE: 12/26/2025

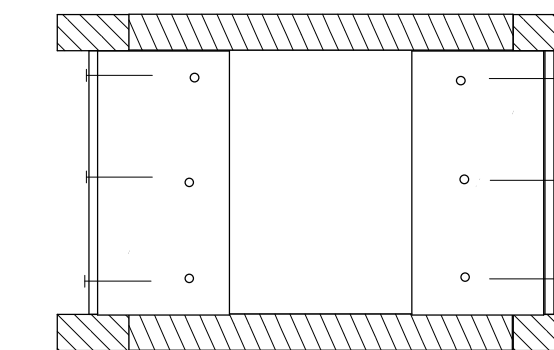
SCALE:
 SHEET:

A-9



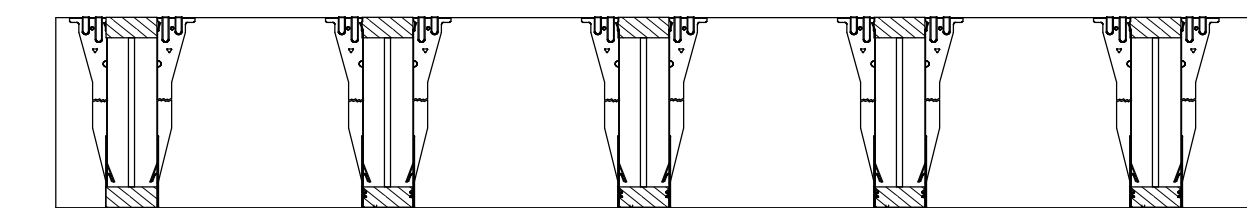
I JOIST LAYOUT 3/16"=1'-0"

MIDSPAN BLOCKING



1 JOIST
 1 JOIST BLOCKING PANEL
 3- 2 1/2\"/>

2\"/>



1 JOIST HANGER TO LVL SET ITS OR EQUIVALENT SIMPSON STRONG TIE SIMPSON SD SCREWS APPLIED TO EACH FLANGE HOLE

NAILING NOTES: (PER IRC TABLE 9.23.3.4)

JOIST TO SILL OR GIRDER
BRIDGING TO JOIST
SOLE PLATE TO JOIST OR BLKG
STUD TO SOLE PLATE
TOP PLATE TO STUD

TOE NAIL (3)-8d
TOE NAIL EA. END (2)-8d
FACE NAIL 16d @ 16" OC
TOE NAIL (4)-8d, END NAIL (2) 16d
END NAIL (2)-16d

DOUBLE STUDS
DOUBLE TOP PLATES
CONTINUOUS HEADER, TWO PIECES
BUILT-UP HEADER, TWO PIECES
W/ 1/2" SFACER
TOP PLATES, LAPS AND INTERSECTIONS

FACE NAIL 16d @ 24" OC
FACE NAIL 16d @ 16" OC
16d @ 16" OC ALONG EA. EDGE
FACE NAIL (2)-16d

CEILING JOISTS TO PLATE
CONTINUOUS HEADER TO STUD
CEILING JOISTS, LAPS OVER PARTITIONS
CEILING JOISTS TO PARALLEL RAFTERS
RAFTER TO PLATE
1" BRACE TO EACH STUD AND PLATE
BUILT-UP CORNER STUDS
2" PLANKS

TOE NAIL (3)-8d
TOE NAIL (4)-8d
FACE NAIL (3)-10d
FACE NAIL (3)-10d
TOE NAIL (2)-16d
FACE NAIL (2)-8d
10d @ 24" OC
(2)-16d @ EA.BRG.

UNLESS NOTED ON PLAN

1/2" PLYWOOD ROOF AND WALL SHEATHING

EDGES 8d @ 6" OC
INTERMEDIATE 8d @ 12" OC

3/4" PLYWOOD SUBFLOOR

EDGES 8d @ 6" OC
INTERMEDIATE 8d @ 12" OC

2x MULTIPLE JOISTS - STAGGER @ 15" OC

W/ (2) @ EA. END OR SPLICE
(3) OR FEWER
(4) OR MORE
AND WASHERS

16d NAILS
1/2" DIA M.B. W/ STANDARD NUT

00300 Cast in Place concrete

- Slabs to be 30MPa, footings and foundation walls 25MPa,
- Foundations for columns as per structural drawings,
- Provide saw cuts within 24 hours of placement, insure saw cuts do not interfere with in slab heating system, max spacing

- 15'o.c. in either direction, provide diamond shaped saw cuts around steel columns,
- Protect concrete from frost or premature moisture loss,
- Foundation walls, footings, and slabs as per details on drawings,
- Cast in 5/8" by 8" long anchor bolts at 6'o.c.,
- Refer to structural notes for detailed information,

05120 Structural Steel

- Provide engineered shop drawings for structural steel members with P.Eng stamp,
- All steel to be shop primed, all joints to be welded,
- Grout below all beam pockets with 30Mpa dry pack no-shrink grout,
- Provide steel members as indicated,
- Refer to structural notes for detailed information,

- 06100 Rough Carpentry
- All lumber to be No. 1 and 2 SPF, FSC certified.
- Sub-flooring to be 5/8" T&G plywood glued and screwed to joists, unless otherwise noted.
- Typical wood framed construction for new walls & roofs.
- Provide engineered shop drawings with P. Eng stamp for all pre-engineered products.

- Lintels and columns as per schedules and manufacturers' recommendations,
- Sill plates to be pressure treated wood on foam gaskets anchored to foundation walls,
- Provide Tyvek air barrier, taped and sealed,
- Provide 6 mil poly at interior surfaces, taped and sealed, provide continuous vapour barrier around sill plates and headers,

- Refer to structural notes for detailed information,

- 06400 Millwork
- Millwork for kitchen and bathrooms provided by owner, installed by GC.
- Stair and handrail to owner's selection, all handrails and guards to meet OBC requirements for spacing and height,

GENERAL NOTES AND SPECIFICATIONS

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH OBC AND LOCAL CODE REQUIREMENTS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK KNOWINGLY PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND MUNICIPAL AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS.

LAKELAND ENGINEERING SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE (STAMPED DRAWINGS) CONSTRUCTION DOCUMENTS. ANY DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF LAKELAND ENGINEERING BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR. REVISIONS TO STAMPED DRAWINGS AS ISSUED UNDER PERMIT WITHOUT WRITTEN NOTICE OR PERMISSION BY LAKELAND ENGINEERING WAIVES ANY OR ALL LIABILITY

DESIGN CRITERIA: NBC

WALLS:

- EXT. WALLS SHALL CONSIST OF:
-CLADDING
-AIR MOISTURE BARRIER "HOUSEWRAP" AS PER MFGR INSTRUCTIONS
-MINIMUM 3/8" (9.5MM) OSB OR NO.2 GRADE SHEATHING
-2"X 6" (38MM X 140MM) SP. STUDS @ 16" O.C.
-2"X 6" (38MM X 140MM) BOTTOM AND DOUBLE TOP PLATE
-CONTINUOUS CERTIANTEED MEMBRANE ON WARM SIDE
-MINIMUM 1/2" GYPSUM BOARD
- INTERIOR LOAD BEARING WALLS SHALL CONSIST OF:
-2"X 6" SP STUDS @ 16" O.C. (400MM)
-2"X 6" SP. BOTTOM AND DOUBLE TOP PLATE
-2"X6" SP. BRIDGING (MID GIRTS) LOCATED @ 1/2 HEIGHT OF WALL
-1/2" GYPSUM BOTH SIDES

THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND LOADS UNTIL THE ROOF, FLOOR AND WALLS HAVE BEEN PERMANENTLY FRAMED TOGETHER AND SHEATHED.

INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES, OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 10" ABOVE SHOWER DRAINS.

INSULATE WASTE LINES FOR SOUND CONTROL.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO JOISTS AND OTHER BEARING POINTS NOT OTHERWISE PROVIDED WITH SUPPORT.

WOOD FRAME CONSTRUCTION:

STRUCTURAL TIMBER AND WOOD FRAMING SHALL CONFORM TO CSA STANDARD: ALL LUMBER SHALL BE SPRUCE-PINE-FIR (SPF) NO. 1&2 OR BETTER, AND SHALL BE IDENTIFIED BY A GRADE STAMP MOISTURE CONTENT NO GREATER THAN 19% AT TIME OF INSTALLATION. WOOD FRAMING MEMBERS WHICH ARE IN CONTACT WITH CONCRETE SHALL BE SEPERATED WITH MINIMUM 6MIL POLYTHENE.

. ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED. FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY (OR ENGINEER APPROVED EQUAL) AND OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS. HANGERS NOT SHOWN SHALL BE SIMPSON HU OF SIZE RECOMMENDED FOR MEMBER. ALL HANGERS AND NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE SIMPSON Z-MAX HANGERS OR STAINLESS STEEL. ALL SHEAR WALL SHEATHING NAILS SHALL BE COMMON NAILS. ALL FRAMING NAILS SHALL BE COMMON NAILS. OR HOT DIPPED GALVANIZED BOX NAILS.

ALL ROOF SHEATHING AND SUB-FLOORING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS, EXCEPT AS INDICATED ON THE DRAWINGS. ROOF SHEATHING SHALL EITHER BE BLOCKED, TONGUE-AND-GROOVE, OR HAVE EDGES SUPPORTED BY PLYCLIPS. SHEAR WALL SHEATHING SHALL BE BLOCKED WITH 2X FRAMING AT ALL PANEL EDGES. NAILING NOT SPECIFICALLY IDENTIFIED ON THE DRAWINGS TO CONFORM WITH TABLE 9.23.3.4 NAILING FOR FRAMING DIVISION B.

PREMANUFACTURED WOOD JOISTS: PREMANUFACTURED WOOD JOISTS SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS, MANUFACTURED BY THE TRUSS JOIST COMPANY, OR AN ENGINEER APPROVED EQUAL. PROVIDE BRIDGING IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS. JOISTS AND BRIDGING SHALL BE CAPABLE OF RESISTING THE WIND UPLIFT NOTED ON THE DRAWINGS. THESE PRODUCTS MUST BE APPROVED BY THE MINISTRY OF MUNICIPAL AFFAIRS AND HOUSING.

LUMBER SPECIES:

A. POSTS, BEAMS, HEADERS, JOISTS, AND RAFTERS TO BE SP. NO. 2 OR BETTER

B. SILLS, PLATES BLOCKING, AND BRIDGING TO BE SP. NO 2 OR BETTER

C. ALL STUDS TO BE SP. NO. 2 OR BETTER.

D. PLYWOOD SHEATHING SHALL BE AS FOLLOWS:
ROOF SHEATHING SHALL TO BE A MINIMUM 1/2" EXTERIOR GRADE PLY
WALL SHEATHING SHALL BE MIN 5/8 PLY OR OSB.
FLOOR SHEATHING SHALL BE 3/4" T & G GLUED AND SCREWED PLY OSB.

E. '1' JOISTS SHALL BE MANUFACTURED BY TRUSS JOIST OR ENGINEER APPROVED EQUAL.

F. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

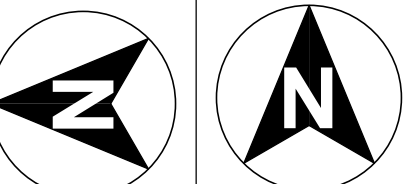
INSULATION AND WEATHERPROOFING: NBC 9.36 REFER TO HVAC DESIGN

1) MINIMUM R (RSI) VALUE REQUIREMENTS

CEILING WITH ATTIC	R60 (RSI 8.81)
ROOF WITHOUT ATTIC	R31 (RSI 5.46)
EXTERIOR WALL	R22 (RSI 3.87)
FOUNDATION WALL	R14 (RSI 2.47)
EXPOSED FLOOR ABOVE GARAGE	R31 (RSI 5.46)
SLAB ON GRADE UNHEATED	R8 (RSI 1.41)
SLAB ON GRADE HEATED	R10 (RSI 1.76)
SUPPLY DUCTS IN HEATED SPACE	R12 (RSI 2.11)

- INSULATION SHALL BE PROTECTED WITH GYPSUM BARD EXCEPT UNFINISHED BASEMENTS -VAPOUR BARRIER ONLY
- DUCTS PASSINT THRU UNHEATED SPACES MADE AIRTIGHT WITH TAPE OR SEALANT
- CAULKING PROVIDED FOR ALL EXT. DOORS - WINDOWS AND EXT. CLADDING
- WEATHERSTRIPPING SHALL BE PROVIDED ON ALL DOORS AND ACCESS HATCHES TO THE EXT. OR GARAGE
- CONTINUOUS VAPOUR BARRIER
- CLOSED CELL SPRAY FOAM INSULATION REQUIRED FOR INSULATING ABOVE GARAGES

true north const. north



REVISION	
No.	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4; ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

PROJECT
PRAIRE SINGLE STORY

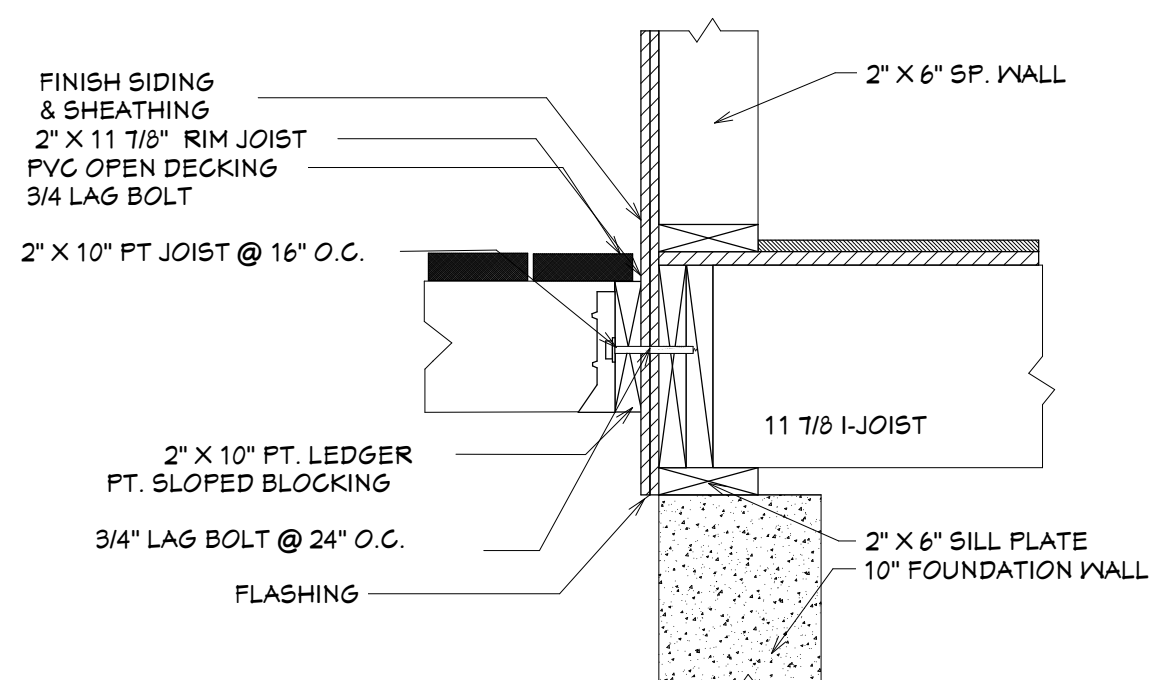
DRAWING

DETAILS

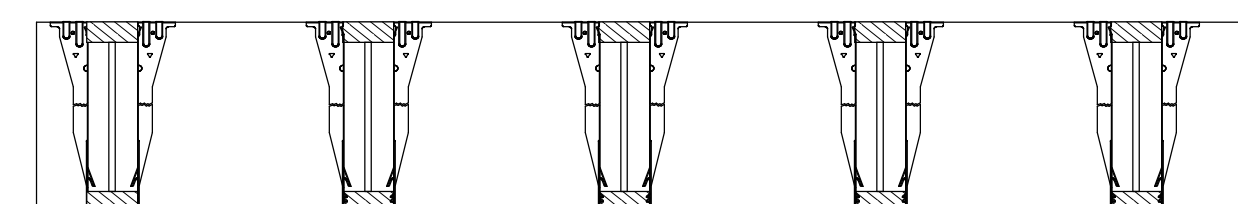
PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:

A-11

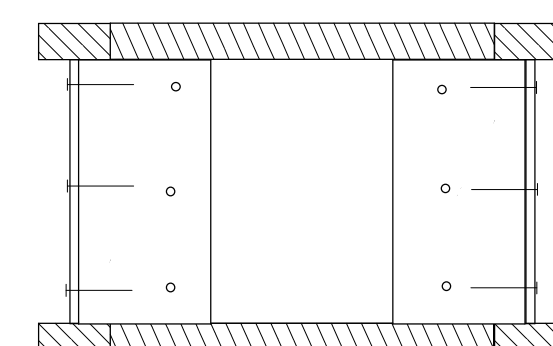


Deck Anchored to Wood Wall: 1st Floor



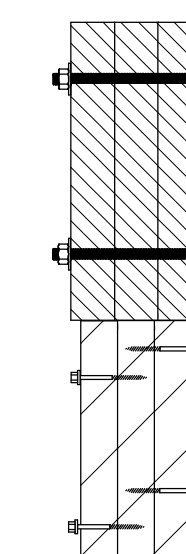
1 JOIST HANGER TO LVL 55T ITS OR EQUIVALENT SIMPSON STRONG-TIE SIMPSON SD SCREWS APPLIED TO EACH FLANGE HOLE

MIDSPAN BLOCKING



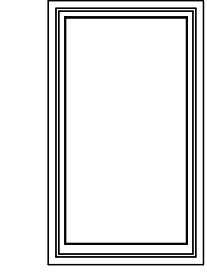
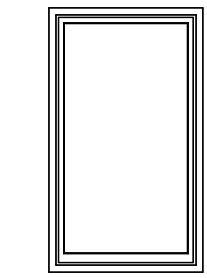
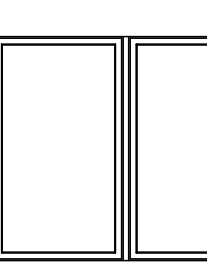
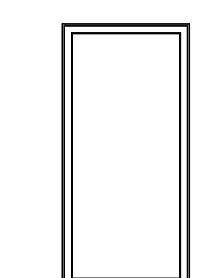
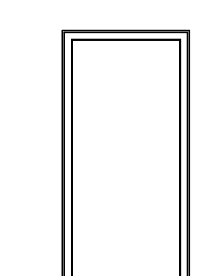
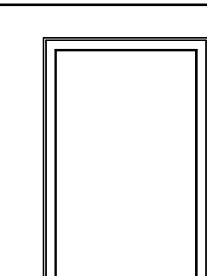
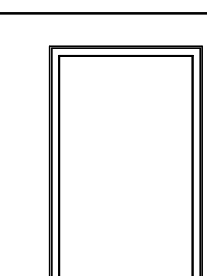
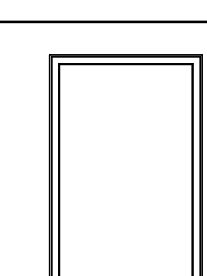
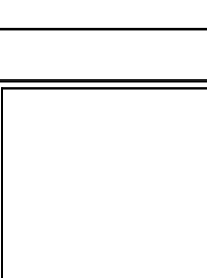
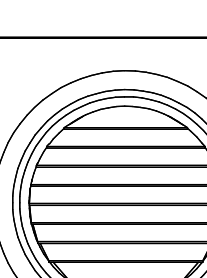
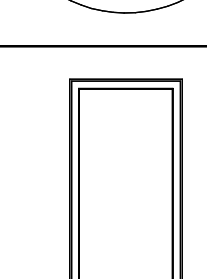
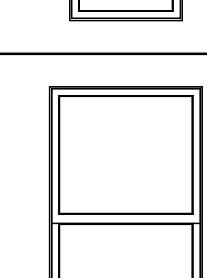
1 JOIST
1 JOIST BLOCKING PANEL
3- 2 1/2" SD SCREWS THRU JOIST TO 2" X 6" BLOCKING TYPICAL

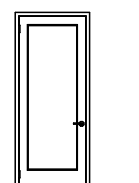
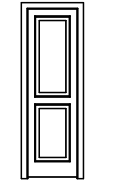
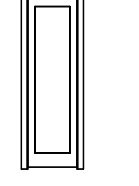
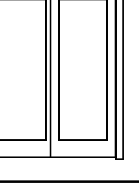
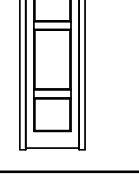
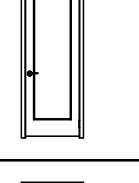
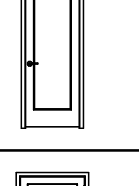
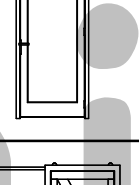
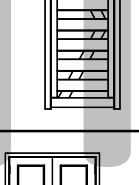
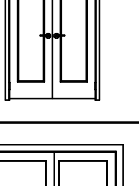
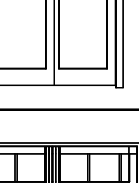
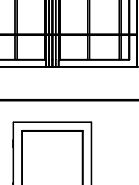
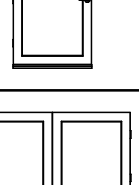
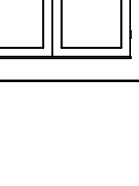
2" X 6" MIN. EXTEND BEYOND END OF BLOCK FOR TIGHT FIT TO JOIST WEB. ATTACH JOIST BLOCKING PANEL WITH 3-2 1/2" SD SCREWS



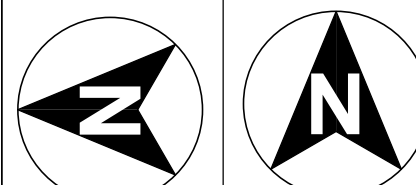
3- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
5/8" A307 THRU BOLTS @ 24" O.C.

2" X 6" SP. LAMINATED POST
5D STRUCTURAL WOOD SCREWS
BOTH SIDES @ 16" O.C.

WINDOW SCHEDULE					
3D EXTERIOR ELEVATION NUMBER	QTY	FLOOR	SIZE	R/O	DESCRIPTION
	W01	2	0	3054SC	31"X65" SINGLE CASEMENT-HR
	W02	1	1	3460SC	41 1/8"X12 5/8" SINGLE CASEMENT-HR
	W03	2	1	82611	99"X64 1/8" MULLED UNIT-HL
	W04	2	1	34611	41"X63 5/8" FIXED GLASS
	W05	3	1	34611	41"X63 5/8" SINGLE CASEMENT-HL
	W06	1	1	3454	41"X64 1/2" FIXED GLASS
	W07	1	1	40611	49"X63 5/8" FIXED GLASS
	W08	4	1	40611	49"X63 5/8" SINGLE CASEMENT-HL
	W09	3	1	80611	41"X63 5/8" FIXED GLASS
	W10	4	2	2020	25"X25" LOUVERED-CT
	W11	1	1	3070	36 5/8"X84" SINGLE CASEMENT-HL
	W12	2	1	40611	49"X63 5/8" SINGLE HUNG

DOOR SCHEDULE					
3D EXTERIOR ELEVATION NUMBER	QTY	FLOOR	SIZE	R/O	DESCRIPTION
	D01	3100	1	1	3100 R IN 31"X80 1/2" HINGED- 20 INTERIOR
	D02	2400	1	1	2400 L 51 1/4"X80 1/2" POCKET DOOR P04
	D03	2400	1	1	2400 R 51 1/4"X80 1/2" POCKET PANEL
	D04	5065	2	1	5065 L IN 62"X62 1/2" SLIDER PANEL
	D06	2600	2	1	2600 L 61 1/4"X80 1/2" POCKET- 30 INTERIOR
	D07	2600	2	1	2600 L IN 32"X80 1/2" HINGED- 20 INTERIOR
	D08	2600	2	1	2600 R IN 32"X80 1/2" HINGED- 20 INTERIOR
	D09	3000	1	1	3000 L EX 38"X99" EXT. HINGED-GLASS PANEL
	D10	3000	2	1	3000 R 32"X80 1/2" BARN-BOMBAY DOOR
	D11	4000	1	1	4000 L IN 50"X80 1/2" DOUBLE HINGED- 20 INTERIOR
	D13	5065	1	1	5065 R IN 62"X62 1/2" SLIDER PANEL
	D14	4000	2	1	4000 110"X88" GARAGE-G11-SOLID
	D15	UFPDSBR3600	2	1	3700 44 3/8"X80 1/2" EXT. HINGED-GLASS PANEL
	D16	UFPDSBR1000	5	1	1100 35 5/8"X80" EXT. DOUBLE HINGED-GLASS PANEL

true north const. north



REVISION		
No.	Date	Description

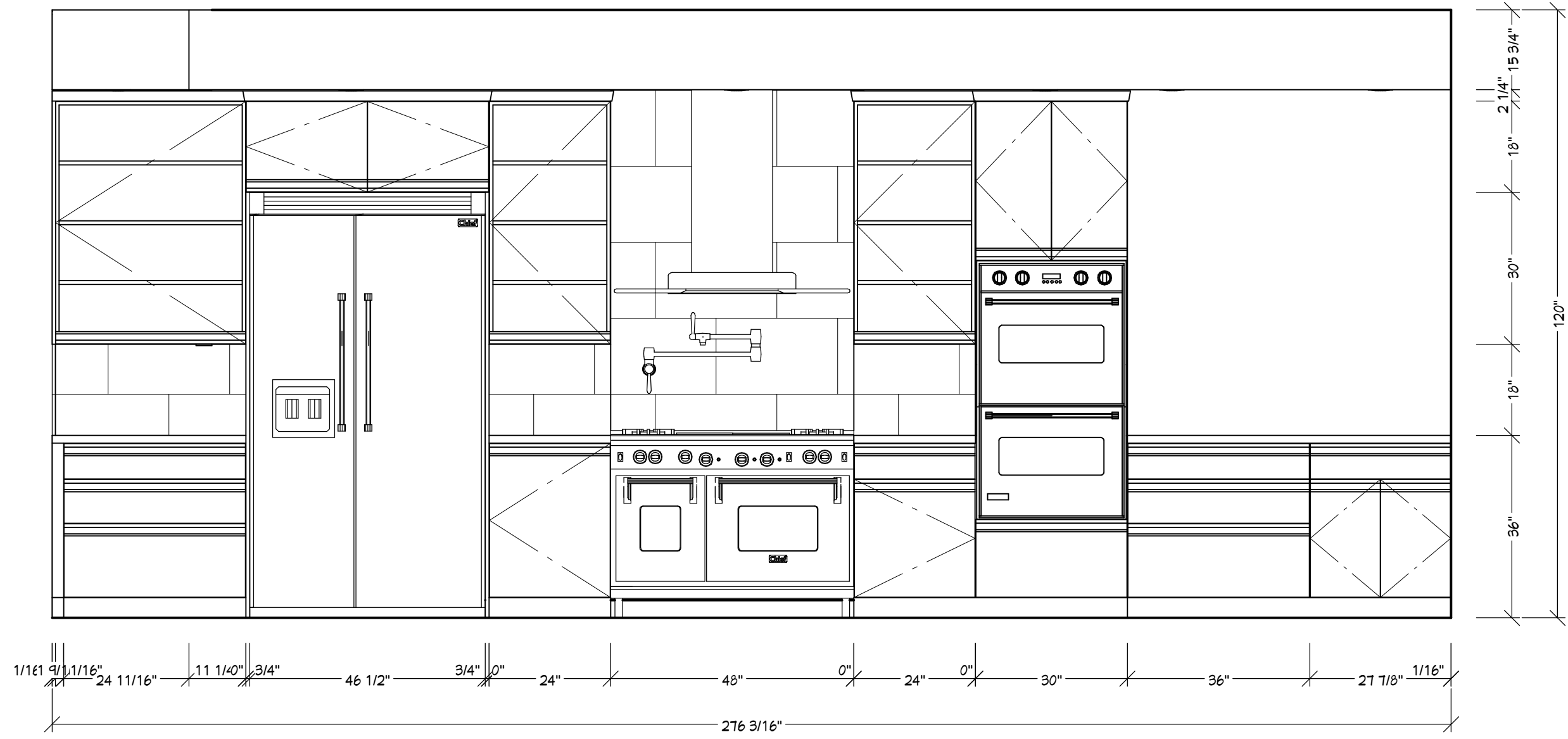
project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are statements of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY
PROJECT
PRAIRE SINGLE STORY
DRAWING
DOORS AND WINDOWS

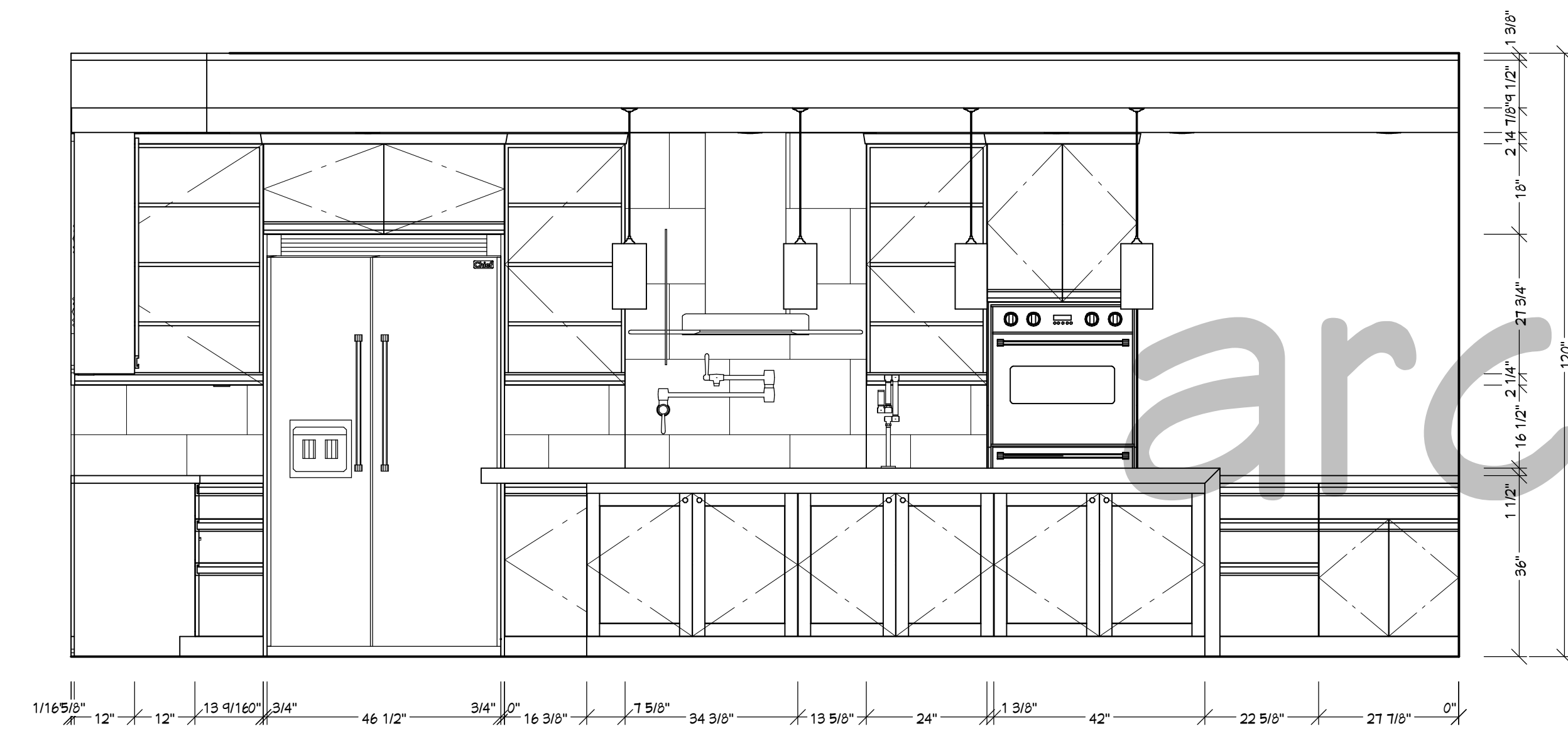
PROJECT NO.
PLOT DATE: 12/26/2025
SCALE:
SHEET:
A-12



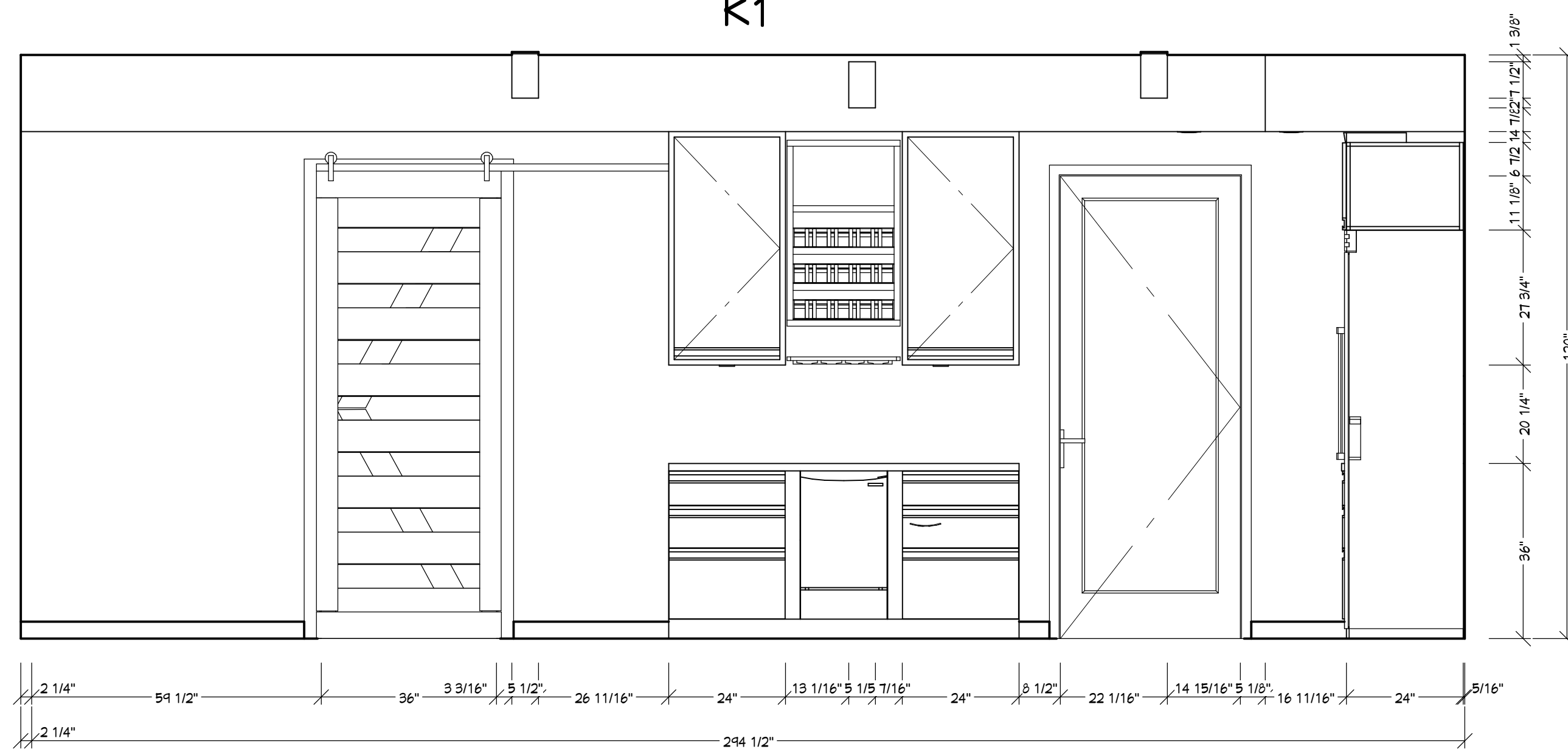
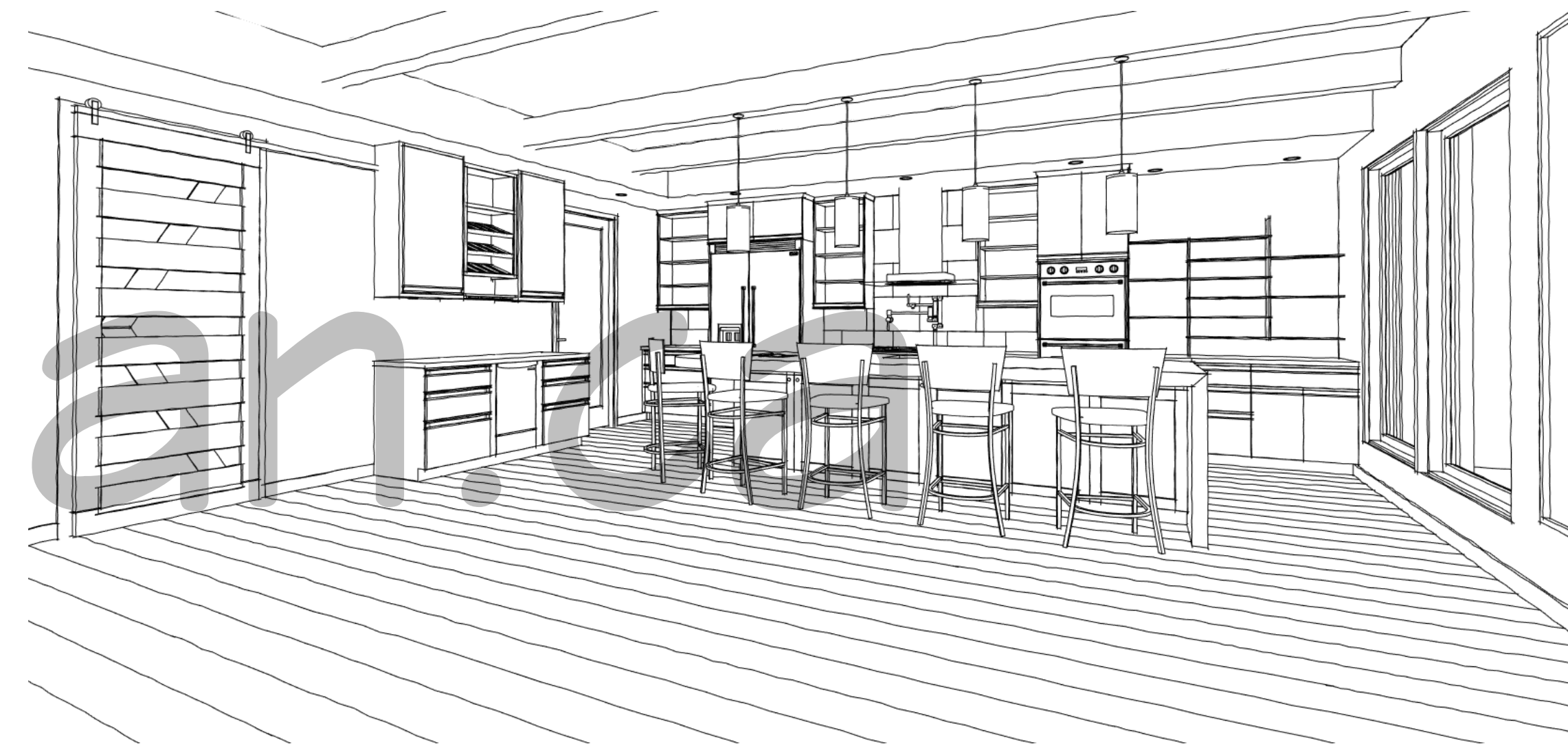
K2



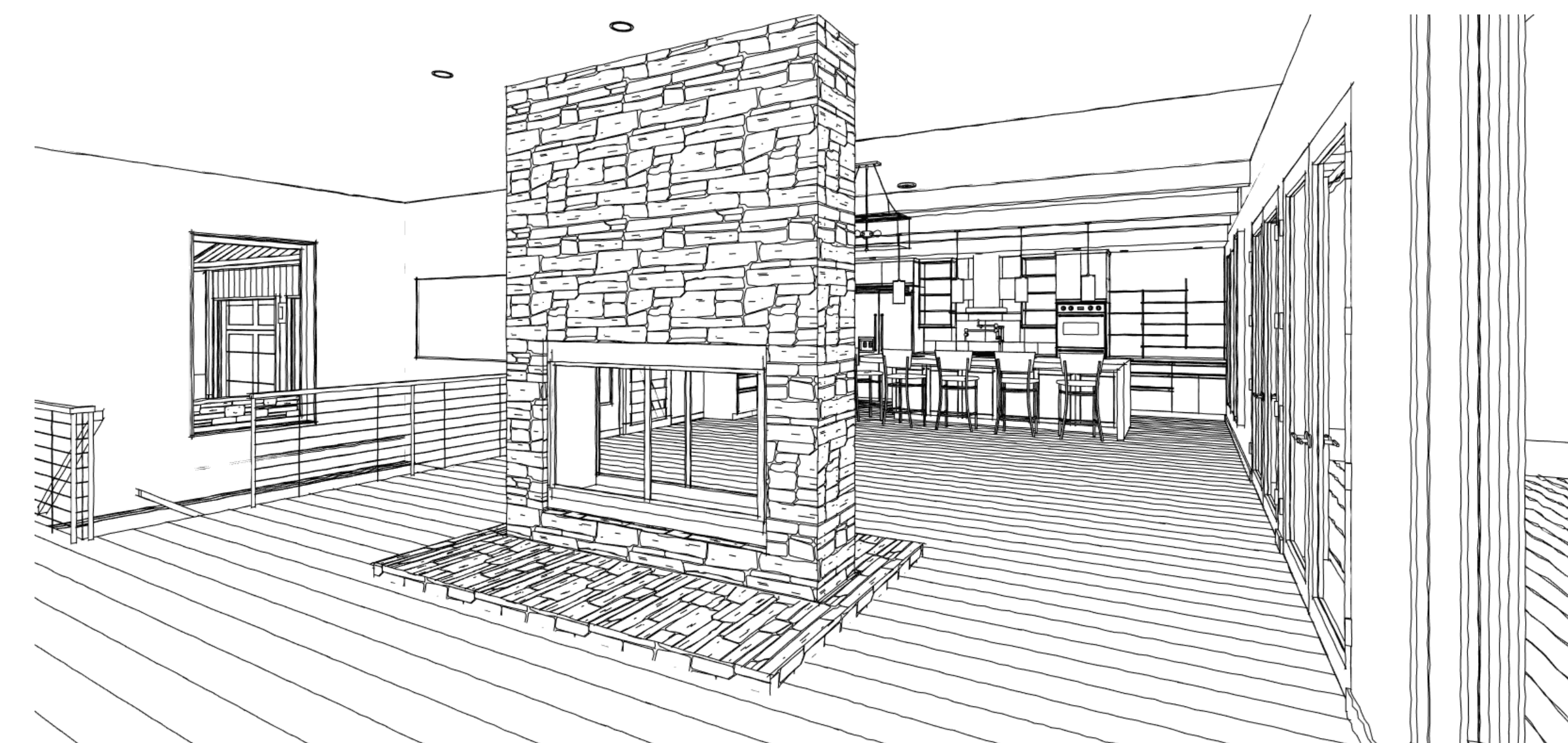
KITCHEN DIMENSIONING REFER TO PLANS PROVIDED BY SUPPLIER



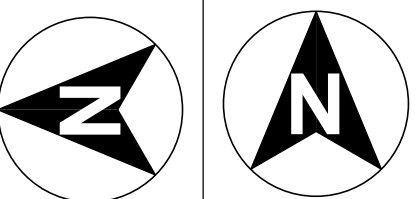
K1



K3



true north const. north



REVISION

No.	Date	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4. ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS.
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are statements of service and the property of Attention To Detail, these drawings may not be used for any other project than for which they were prepared.
The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

NEW SINGLE FAMILY

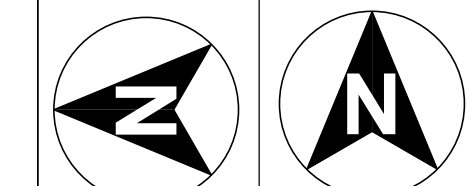
PROJECT
PRAIRE SINGLE STORY

DRAWING
KITCHEN
LAYOUT

PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:
A-13

true north const. north



REVISION	
No.	Description

project
12/26/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021 (EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF SASKATCHEWAN, 2024, C 4; AND 2025, C 4; ARCHIPLAN.CA 2025

DO NOT SCALE DRAWINGS
Contractor must verify all drawings, dimensions, details and specifications, and report any discrepancies to Attention To Detail before proceeding with work. Materials may not be substituted without written approval from Attention To Detail. All drawings and specifications are instruments of service and the property of Attention To Detail. These drawings may not be used for any other project than for which they were prepared. The contractor shall keep on site current drawings as issued for construction with the latest revisions and shall distribute these to all those performing work on site. Dimensions are taken to stud face.

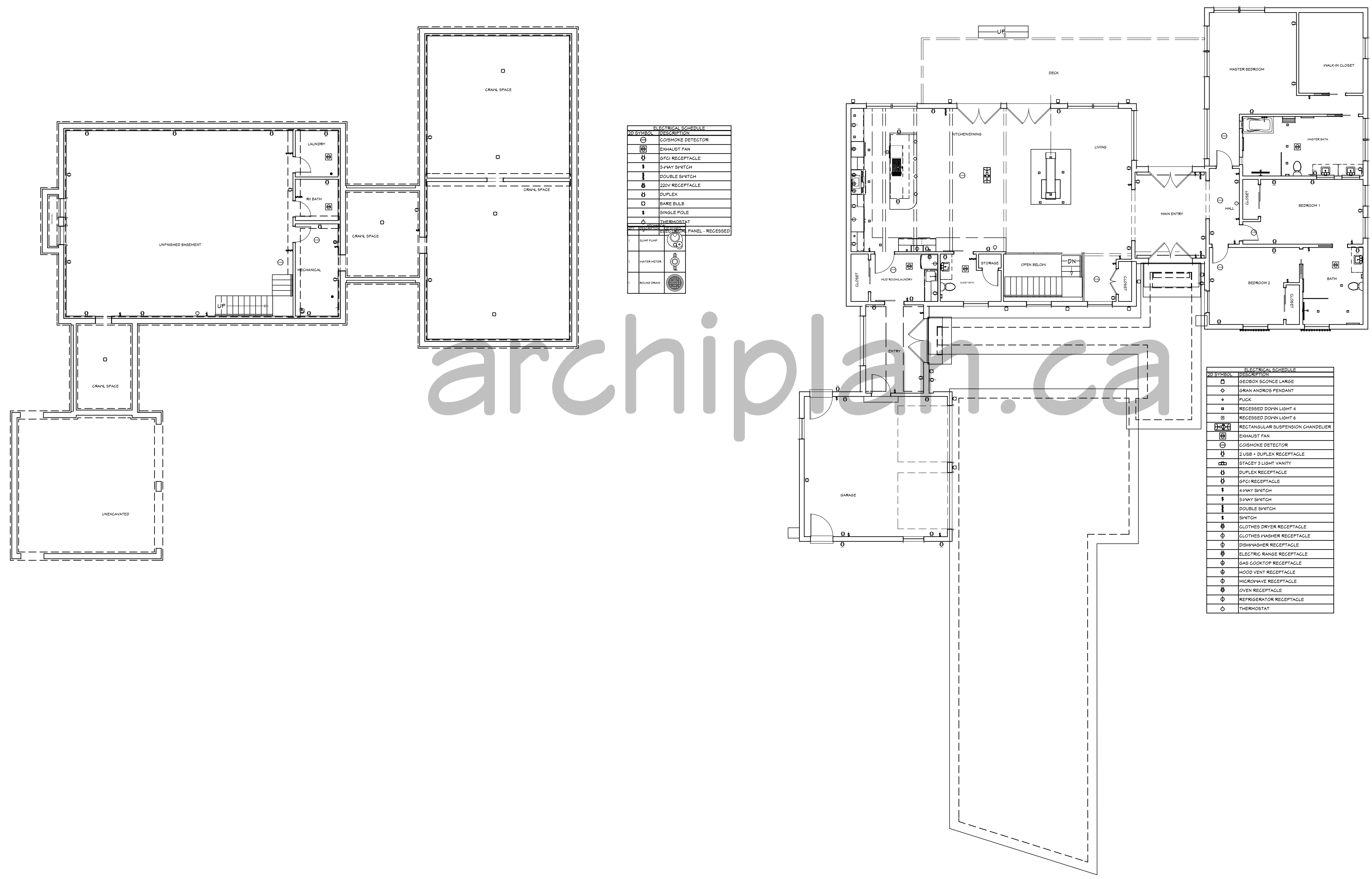
NEW SINGLE FAMILY

PROJECT
PRAIRE SINGLE STORY

DRAWING
WIRING

PROJECT NO.
PLOT DATE: 12/26/2025

SCALE:
SHEET:
A-14



ELECTRICAL SCHEDULE	
SYMBO	DESCRIPTION
⊖	CO-SMOKE DETECTOR
⊖	EXHAUST FAN
⊖	GFIC RECEPTACLE
⊖	3-WAY SWITCH
⊖	DOUBLE SWITCH
⊖	220V RECEPTACLE
⊖	DUPLEX
⊖	BARE BULB
⊖	SINGLE POLE
⊖	THERMOSTAT
⊖	PANEL - RECESSED
⊖	WATER METER
⊖	WATER METER
⊖	WATER METER

ELECTRICAL SCHEDULE	
SYMBO	DESCRIPTION
⊖	GEORX SCIENCE LARGE
⊖	GRAN ANDROS PENDANT
⊖	FLUCK
⊖	RECESSED DOWN LIGHT 4
⊖	RECESSED DOWN LIGHT 6
⊖	RECTANGULAR SUSPENSION CHANDELIER
⊖	EXHAUST FAN
⊖	CO-SMOKE DETECTOR
⊖	2 USB + DUPLEX RECEPTACLE
⊖	5-WAY 3 LIGHT VANITY
⊖	DUPLEX RECEPTACLE
⊖	GFIC RECEPTACLE
⊖	4-WAY SWITCH
⊖	3-WAY SWITCH
⊖	DOUBLE SWITCH
⊖	SWITCH
⊖	CLOTHES DRYER RECEPTACLE
⊖	CLOTHES WASHER RECEPTACLE
⊖	DISHWASHER RECEPTACLE
⊖	ELECTRIC RANGE RECEPTACLE
⊖	GAS COOKTOP RECEPTACLE
⊖	HOOD VENT RECEPTACLE
⊖	MICROWAVE RECEPTACLE
⊖	OVEN RECEPTACLE
⊖	REFRIGERATOR RECEPTACLE
⊖	THERMOSTAT