

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.

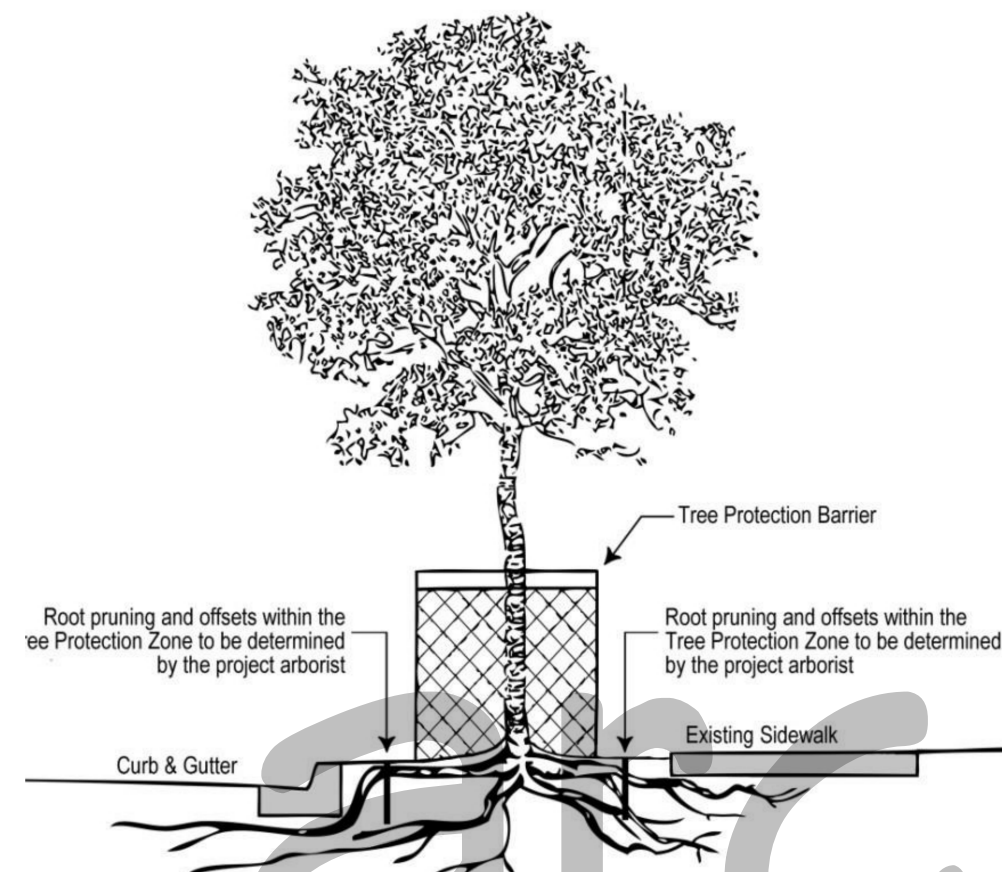
INSULATE WASTE LINES FOR SOUND CONTROL.

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.

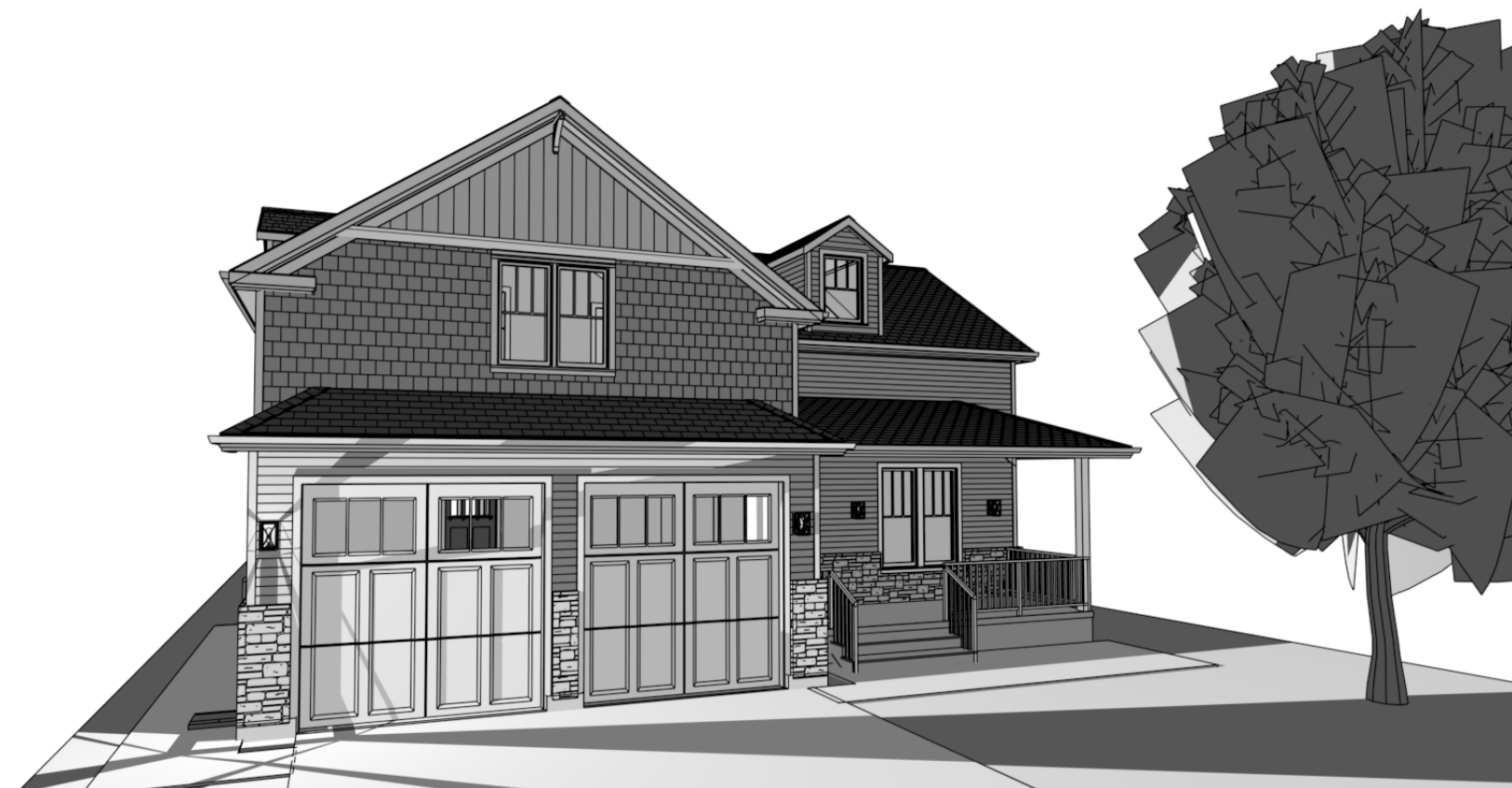
ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

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

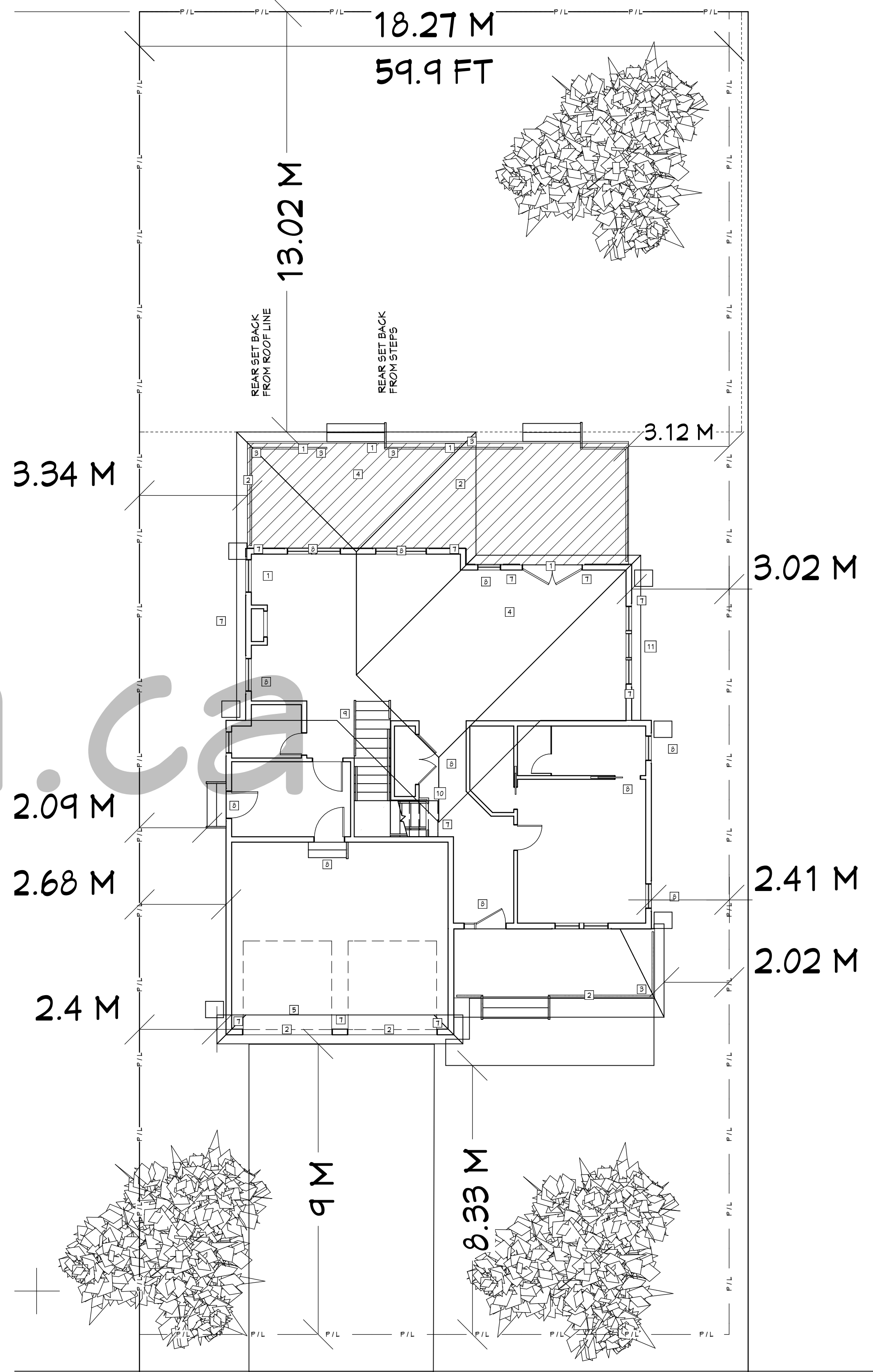
PROJECT: INFILL CITY OF SASKATOON			
EXISTING ZONING	R1	FT2	M2
LOT AREA		8056.98	748.52
FRONTAGE		60	19.26
BUILDING DATA			
GARAGE		392	36.42
GROUND FLOOR		1399	129.97
SECOND FLOOR		1062	98.66
PROJECTED OVERHANG AREA			
2ND STOREY		47	4.37
GROUND FLOOR		75	6.97
TOTAL PROJECT OVERHANG			11.33
GROUND COVERAGE		1913	177.72
TOTAL AREA		2853	265.05
		FT	M2
TOTAL HEIGHT FROM GRADE		25'-6"	8.35
TOTAL HEIGHT FROM GRADE ALLOWED			8.50
ZONING		PROPOSED	ALLOWED
LOT COVERAGE ZONING BY-LAW 8770			
		166.39	299.41
		22.23%	40.0%
ALLOWED SETBACKS			
MIN FRONT YARD	PROPOSED		ALLOWED
MIN REAR YARD		9	
MIN REAR YARD		13.02	7.5
MIN SIDE YARD E		2.09	0.75
MIN SIDE YARD W		2.02	0.75
ROOF PEAK FROM GRADE		7.83	8.5
		FT	M2
DECK/COVERED PORCH AREA*		485	45
LANDSCAPE AREA REAR	M2	2614	243



Tree Protection and Preservation Specification



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SITE PLAN 1/8"=1'-0"
REFER TO FINAL SURVEY

true north	const. north	
REVISION		
No.	Date	Description

project 12/25/2025 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.

ADDRESS
 INFILL CITY OF SASKATOON

PROJECT
 NEW SINGLE FAMILY DWELLING

DESCRIPTION
 DRAWING
 SITE PLAN

PROJECT NO.
PLOT DATE: 12/25/2025

SCALE: 1/8" = 1'-0"
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., 1/8" 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 O.B.C./N.B.C. PART 4.
- 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, A-4.27.3.8.

- 1.) FLASHING IS REQUIRED UNDER ALL JOINTED SILLS AND OVERHEADS OF WINDOW AND DOORS IN EXTERIOR WALLS IF DISTANCE BELOW EAVE IS MORE THAN 1/4 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.
- 2.) 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:

- A-9.27.3.8. CONTROL OF RAIN WATER PENETRATION
 - A-9.27.3.8. 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.
- A-4.27.3.8.(3) 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. THROUGH-WALL 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.

A-4.27.3.8.EXTENSION OF FLASHING

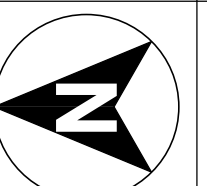
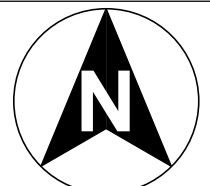
1. A FLASHING MAY BE DELETED WHEN THE MASONRY AT THE SILL OF A WALL OPENING OR THE TOP OF A WALL IS PROTECTED BY AN IMPERVIOUS NON-JOINTED MASONRY COPING WHICH CONFORMS TO ARTICLE 9.20.13.12.
2. WHEN INSTALLED BENEATH JOINTED MASONRY WINDOW SILL AND JOINTED MASONRY COPINGS OR OVER THE HEADS OF OPENINGS,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

9.27.3.8.(4)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 (57 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
REQUIRED 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
12/25/2025

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.

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 what 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.

ADDRESS

INFILL
CITY OF
SASKATOON

PROJECT
NEW SINGLE FAMILY
DWELLING

DESCRIPTION

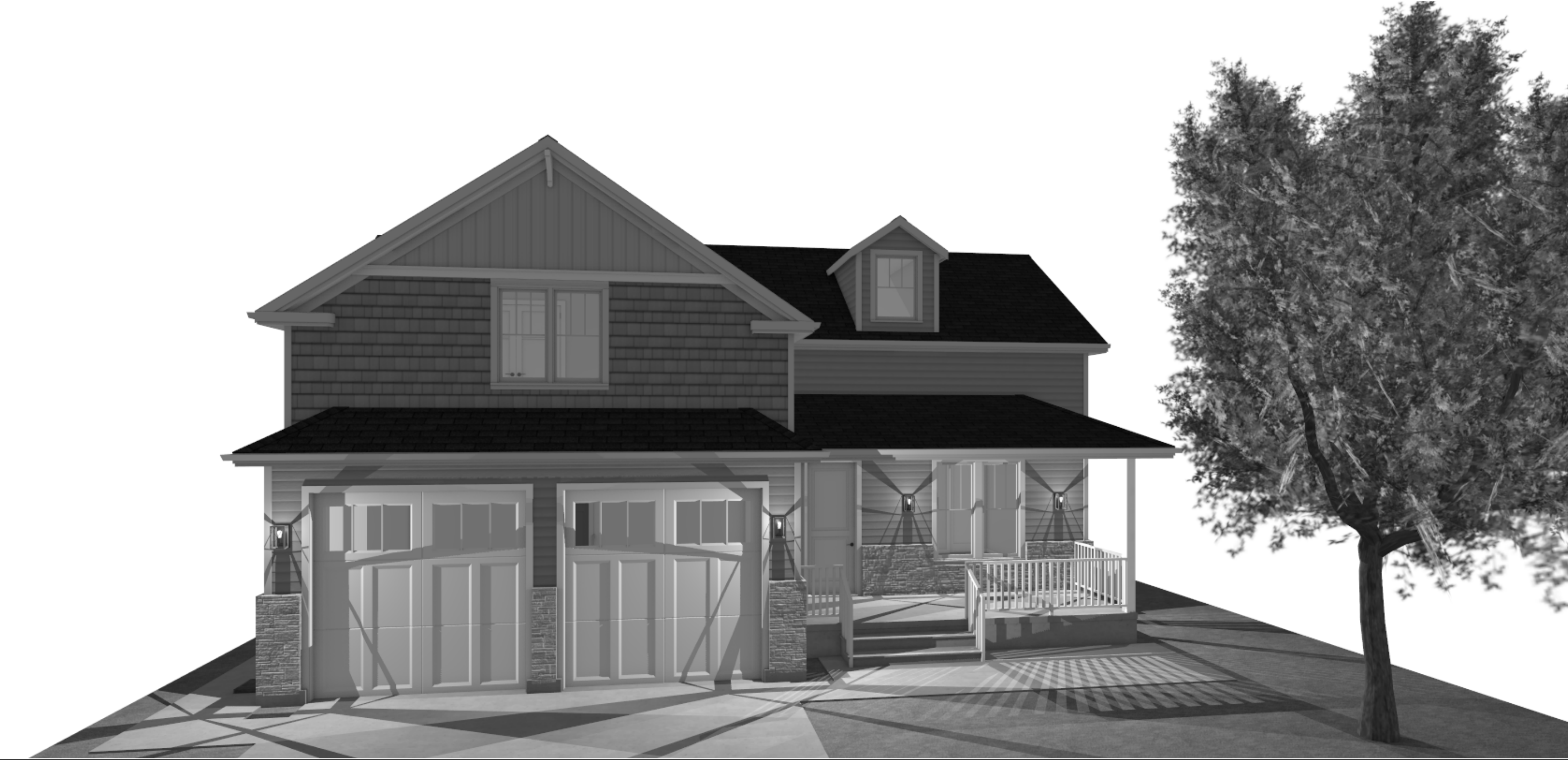
DRAWING

PROJECT NO.

PLOT DATE: 12/25/2025

SCALE:

SHEET:





EXTERIOR WALL SIDING
 ENGINEERED SIDING
 FT. FURRING STRIP @ 16" O.C.
 3/4" EXT. PLY
 R-24 BATT INSULATION
 VAPOUR BARRIER
 1/2" DRYWALL

EXTERIOR WALL MASONRY
 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

GARAGE					
3D EXTERIOR ELEVATION	QTY	FLOOR	R/O	DESCRIPTION	AREA, ACTUAL
	1	1	38"X87"	EXT. HINGED-DOOR E21	21
	2	1	110"X111"	GARAGE-GARAGE DOOR CHD08	81
TOTALS:					183

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

archiplan.ca



BLOWN IN CELLULOSE R-60
 REQUIRED VENTING AS PER OBC 9.19.1.2 (3)
 VAPOUR BARRIER
 1/2" GYPSUM @ CEILING LEVEL

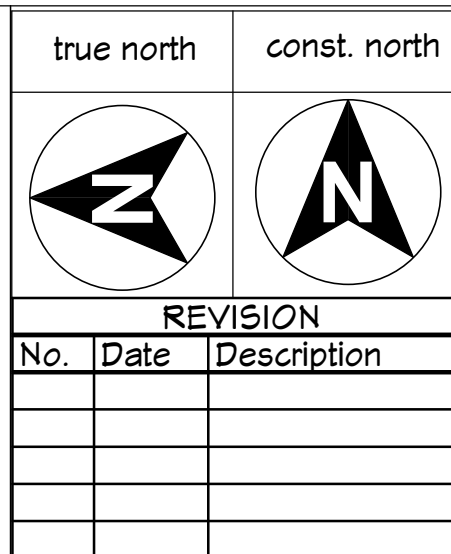
ASPHALT SHINGLES
 ROOF MEMBRANE ENTIRE AREA
 1/2" PLYWOOD DECK
 24" TRUSSES @ 24" O.C. REFER TO
 SEALED DRAWINGS
 R-35 BATT INSULATION REQUIRED
 VENTING AS PER NBC

R.14.6.3 COVERED WINDOW WELLS
 (1) EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION.

R.14.6.3 COVERED WINDOW WELLS
 (1) EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION.

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

PRE-SCREENING SUBJECT TO FINAL ENGINEER REVIEW



REVISION		
No.	Date	Description

project
 12/25/2025 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.

2D NOT SCALE DRAWINGS.
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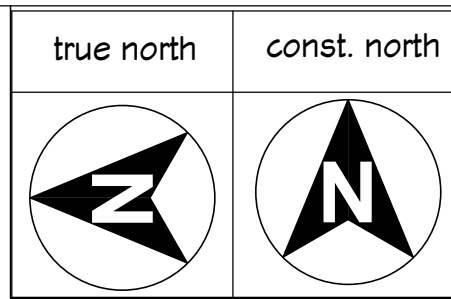
ADDRESS
 INFILL
 CITY OF
 SASKATOON

PROJECT
 NEW SINGLE FAMILY
 DWELLING
 DESCRIPTION
 DRAWING

ELEVATIONS

PROJECT NO.
 PLOT DATE: 12/25/2025

SCALE:
 SHEET:



REVISION		
No.	Date	Description

project
12/25/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021
(EFFECTIVE JANUARY 1, 2022) AS AMENDED BY THE STATUTES OF
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ADDRESS
INFILL
CITY OF
SASKATOON

PROJECT
NEW SINGLE FAMILY
DWELLING

DESCRIPTION

DRAWING

ELEVATIONS

PROJECT NO.
PLOT DATE: 12/25/2025

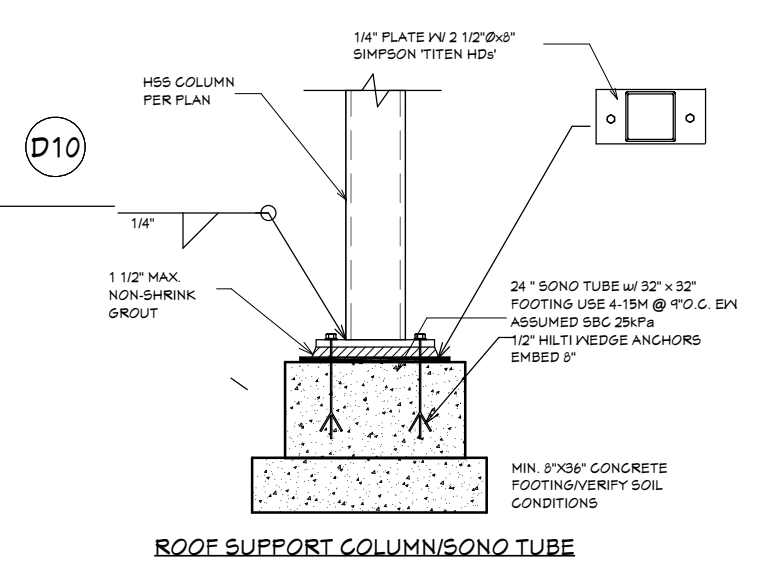
SCALE:
SHEET:

A-4

GREAT ROOM					
3D EXTERIOR ELEVATION	QTY	FLOOR	R/O	DESCRIPTION	AREA ACTUAL
	1	1	74"X99"	EXT. DOUBLE HINGED-GLASS PANEL	48
TOTALS:					48

- EXTERIOR FINISH NOTES
- 6" X 6" (TREX) POST SLEEVE OVER 4" X 4" X 5/8" HSS WITH 6" X 6" WELDED TOP PLATE
 - TIMBER TECH OR COMPARABLE COMPOSITE DECK
 - ENGINEERED WOOD SIDING (MAIBEC)
 - CERTAINTED ASPHALT SHINGLES
 - 24" CONC. SONO TUBE 25 MPA DETAIL D10

OBC 9.26.18.2
DOWNSPOUTS



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

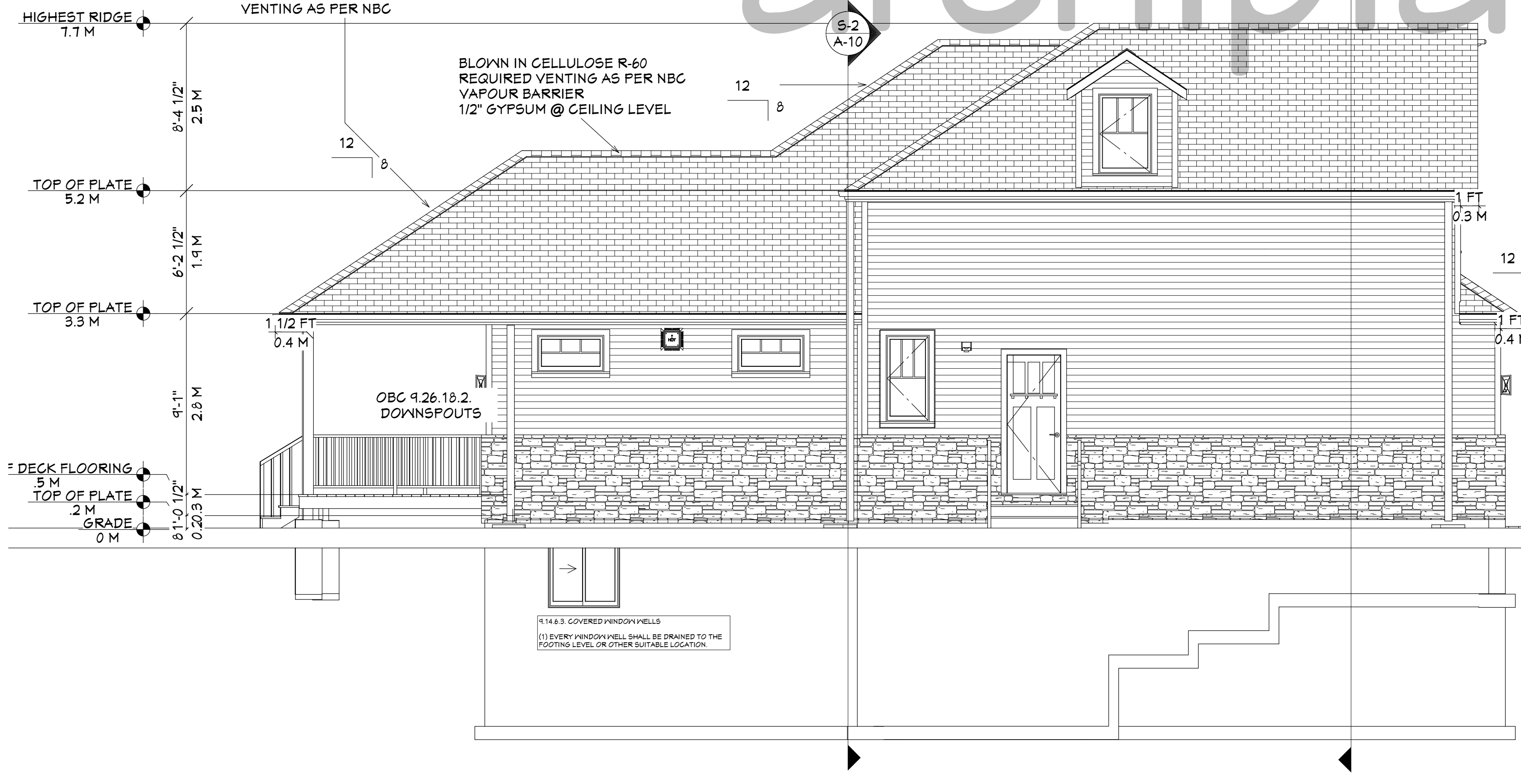
ASPHALT SHINGLES
ROOF MEMBRANE ENTIRE AREA
1/2" PLYWOOD DECK
24" TRUSSES @ 24" O.C. REFER TO SEALED DRAWINGS
R-35 BATT INSULATION REQUIRED
VENTING AS PER NBC

BLOWN IN CELLULOSE R-60
REQUIRED VENTING AS PER NBC
VAPOUR BARRIER
1/2" GYPSUM @ CEILING LEVEL

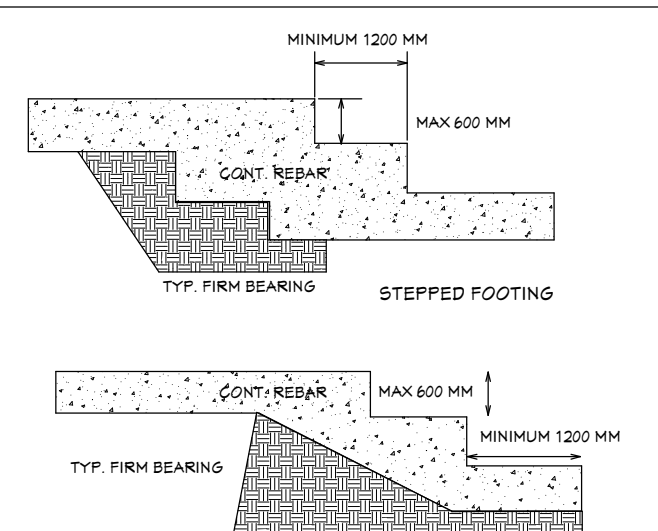
OBC 9.26.18.2
DOWNSPOUTS

EXTERIOR WALL MASONRY

- FUSION DRY-STACK
- 1" AIR SPACE
- BUILDING WRAP
- 5/8" EXT. PLY
- R-24 BATT INSULATION
- 6M VAPOR BARRIER
- 1/2" DRYWALL



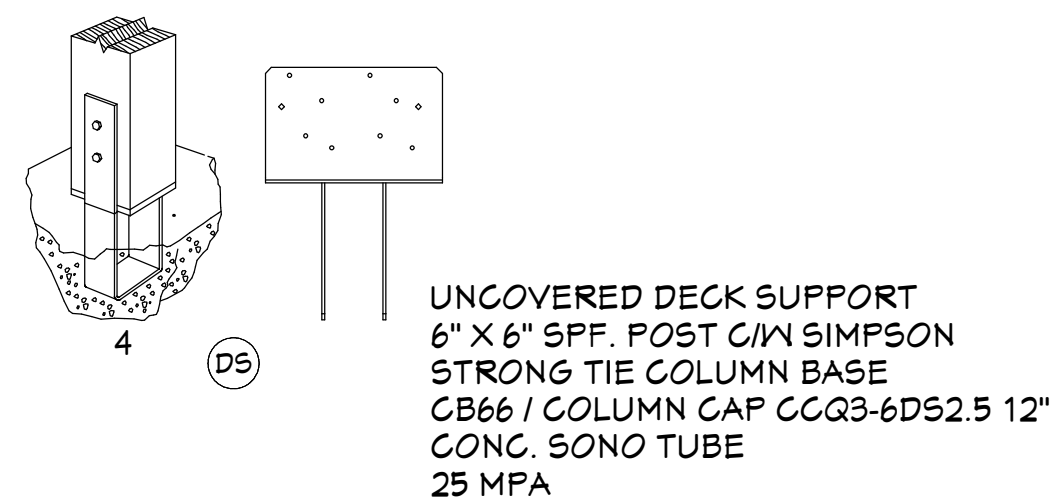
EAST ELEVATION 1/4"=1'-0"



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

PRE-SCREENING SUBJECT TO FINAL ENGINEER REVIEW

9.10.14 SMOKE ALARMS
 (1) WITHIN DWELLING UNITS SUFFICIENT SMOKE ALARMS CONFORMING TO CAN/ULC-531 SHALL BE INSTALLED SO THAT (A) THERE IS AT LEAST ONE SMOKE ALARM ON EACH STOREY, INCLUDING BASEMENTS, AND (B) ON ANY STOREY OF A DWELLING UNIT CONTAINING SLEEPING ROOMS, A SMOKE ALARM IS INSTALLED IN EACH SLEEPING ROOM, AND IN A LOCATION BETWEEN THE SLEEPING ROOMS AND THE REMAINDER OF THE STOREY, AND IF THE SLEEPING ROOMS ARE SERVED BY A HALLWAY, THE SMOKE ALARM SHALL BE LOCATED IN THE HALLWAY.
 (2) SMOKE ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT CONFORMING TO THE REQUIREMENTS IN 10.5.3. OF NFPA 72. THE VISUAL SIGNALING COMPONENT NEED NOT BE INTEGRATED WITH THE SMOKE ALARM PROVIDED IT IS INTERCONNECTED TO IT. INTERCONNECTED SMOKE ALARMS TO BE PERMANENTLY CONNECTED AND HAVE A BATTERY BACKUP AS PER NBC 9.10.14.4

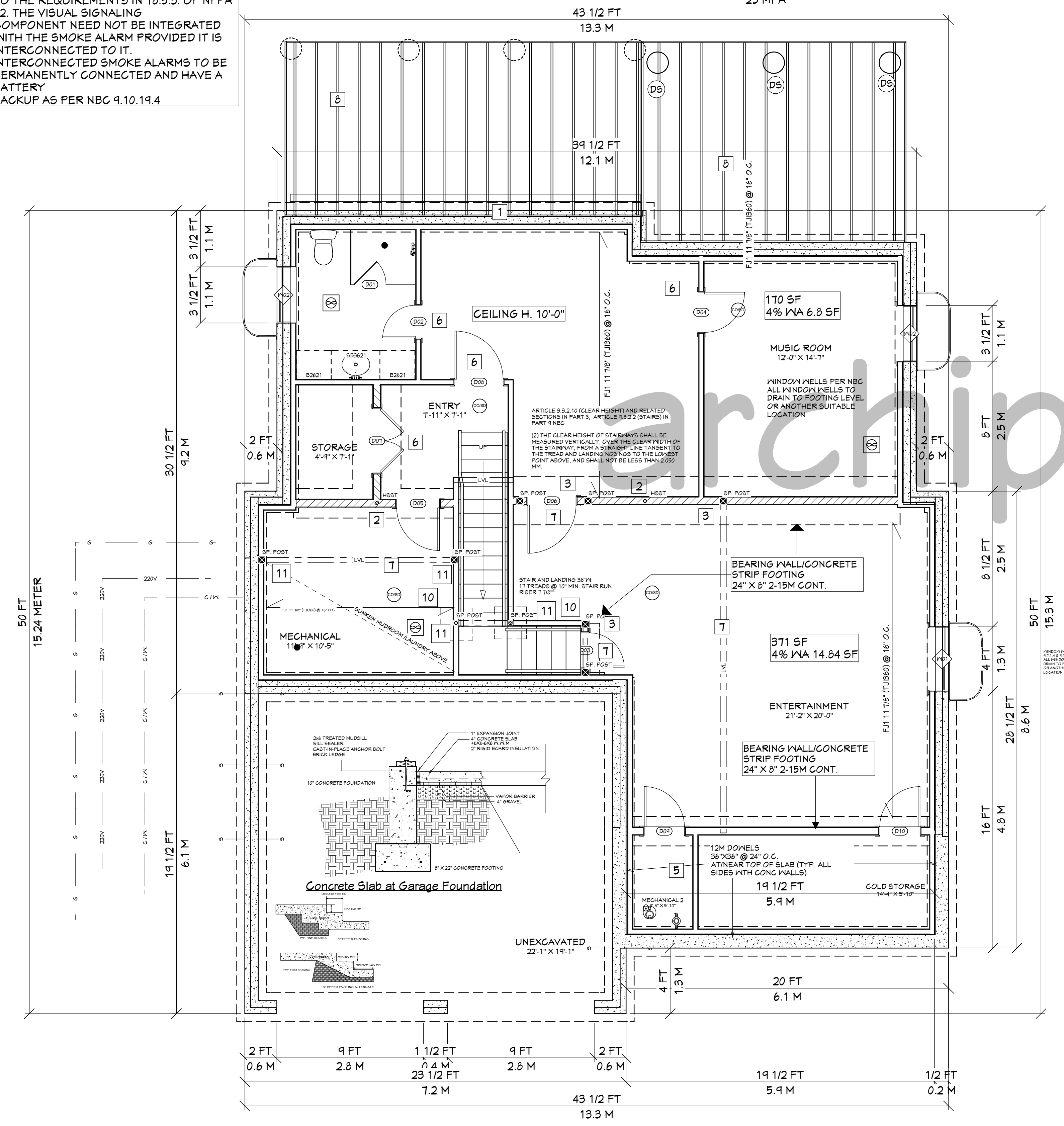


FRAMING NOTES	
1	2" X 4" SP. WALL @ 16" O.C. MIN. R-18 BATT INSULATION VAPOUR BARRIER 1/2" GYSUM
2	3 1/2" X 3 1/2" X 5/8" HSST
3	3- 2" X 6" LAMINATED W/D POST
5	CONCRETE SLAB 1 5" REINFORCED CONCRETE SLAB (35 MPA) C/W 12M REBARS @ 12" O.C. EA. WAY NOTE: PROVIDE TEMPORARY SHORING UNTIL CONCRETE IS CURED (28 DAYS)
6	TYP. 2- 2" X 10" SP. HEADER
7	2- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
8	2" X 10" PT. JOISTS @ 16" O.C.
10	24" X 8" STRIP FOOTING + 2-15M CONT. REBAR ASSUMED SBC 75KPa
11	2- 2" X 4" SP. LAMINATED POST

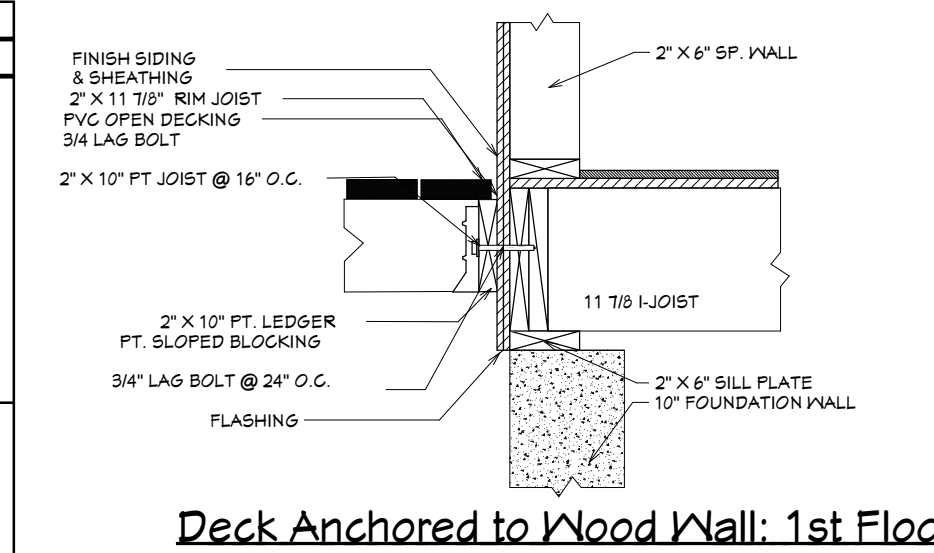
true north	const. north	
REVISION		
No.	Date	Description

project 12/25/2025 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.



NUMBER	3D PERSPECTIVE	OBC 9.7.2.3. MINIMUM WINDOW AREAS 4%	AREA, ACTUAL	LABEL	QTY	FLOOR	R/O	DESCRIPTION
W01			15.33	40310L5	1	0	49"X41"	LEFT SLIDING
W02			13.42	36310L5	2	0	43"X41"	LEFT SLIDING
TOTALS:			42.17					



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

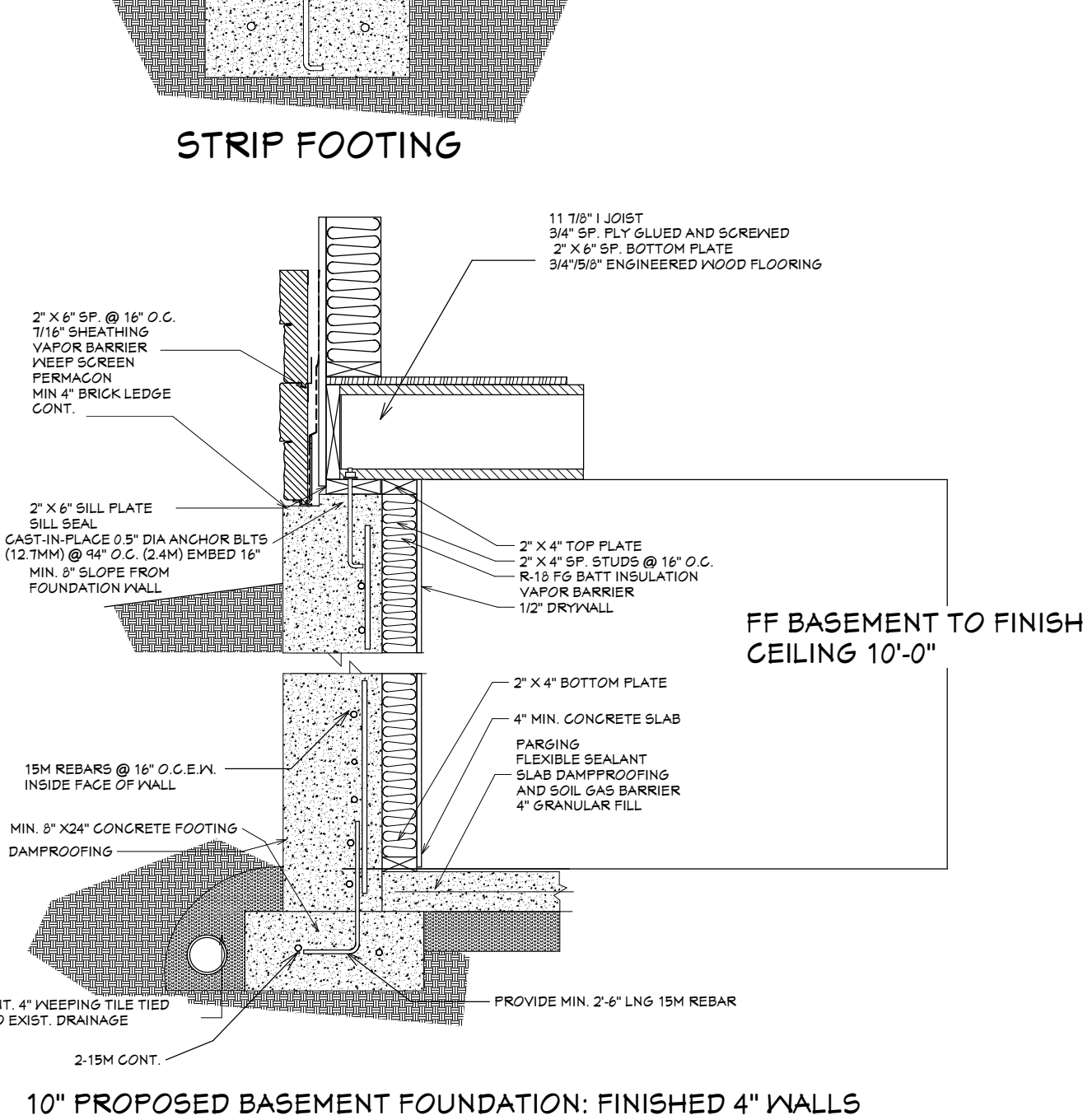
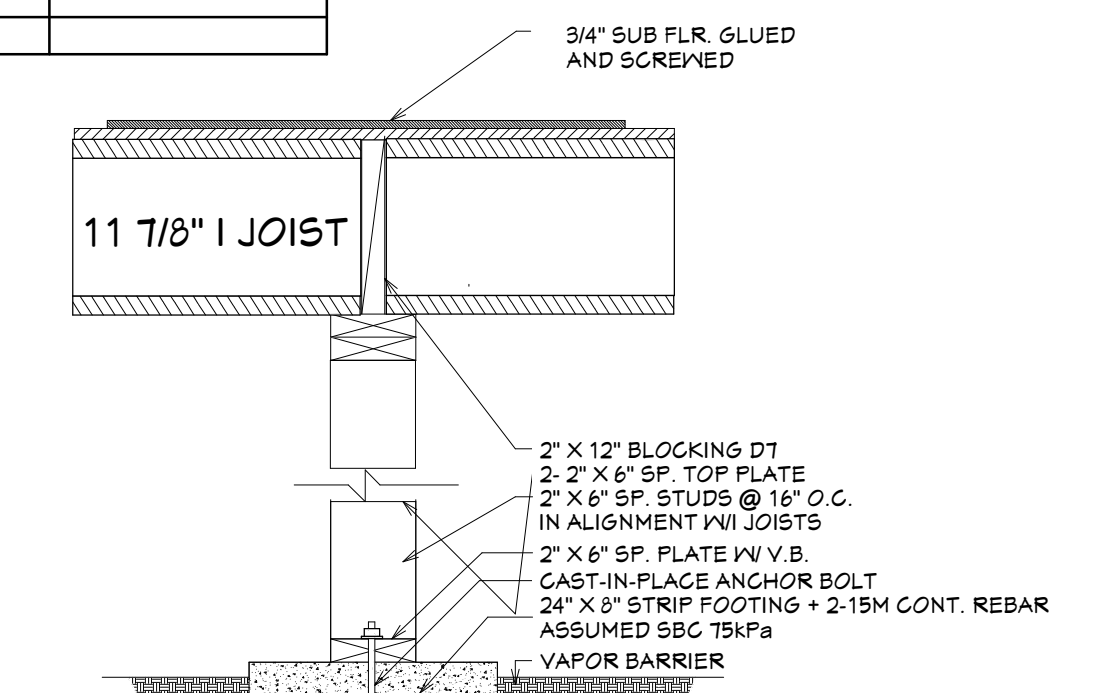
FOUNDATION WALL AND WOOD FRAMING CONTINUOUS W/EXT. WALL ABOVE
 2" X 4" SP. STUDS @ 16" O.C. STAND OFF FROM FND. WALL WHERE SHOWN FIBERGLASS BATT INSULATION MIN. R18 INSUL. CONT. BEHIND STUD WALL AND EXT. WALL FOUNDATION BETWEEN CONT. MEMBRANE VAPOUR BARRIER MIN. 1/2" GYPSUM BOARD.

ELECTRICAL SCHEDULE	
2D SYMBOL	DESCRIPTION
	CO/SMOKE DETECTOR
	EXHAUST FAN

WALL SCHEDULE	
2D SYMBOL	WALL TYPE
	10" CONCRETE FOUNDATION WALL W/BRICK LEDGE
	2" X 4" SP. WALL @ 16" O.C.
	2" X 6" SP. WALL @ 16" O.C.
	GLASS SHOWER
	AREA DEFINITION
	BEARING 2" X 6" SP. WALL @ 16" O.C.

ALL FOOTINGS:
 -ASSUMED SOIL BEARING CAPACITY 75 KPa (TO BE VERIFIED BY SOIL ENGINEER)
 4.5' X 4.5' X 16" DEEP USE 6-15M EA/W
 -ASSUMED SOIL BEARING CAPACITY 150 KPa
 3'X3'X16" DEEP USE 4-15M EA/W

QTY	DESCRIPTION	MECHANICAL 1 2D SYMBOL	DIMENSIONS
1	ROUND DRAIN		4 1/2" X 4 1/2" X 1 3/4"
1	SUMP PUMP		
1	WATER METER		

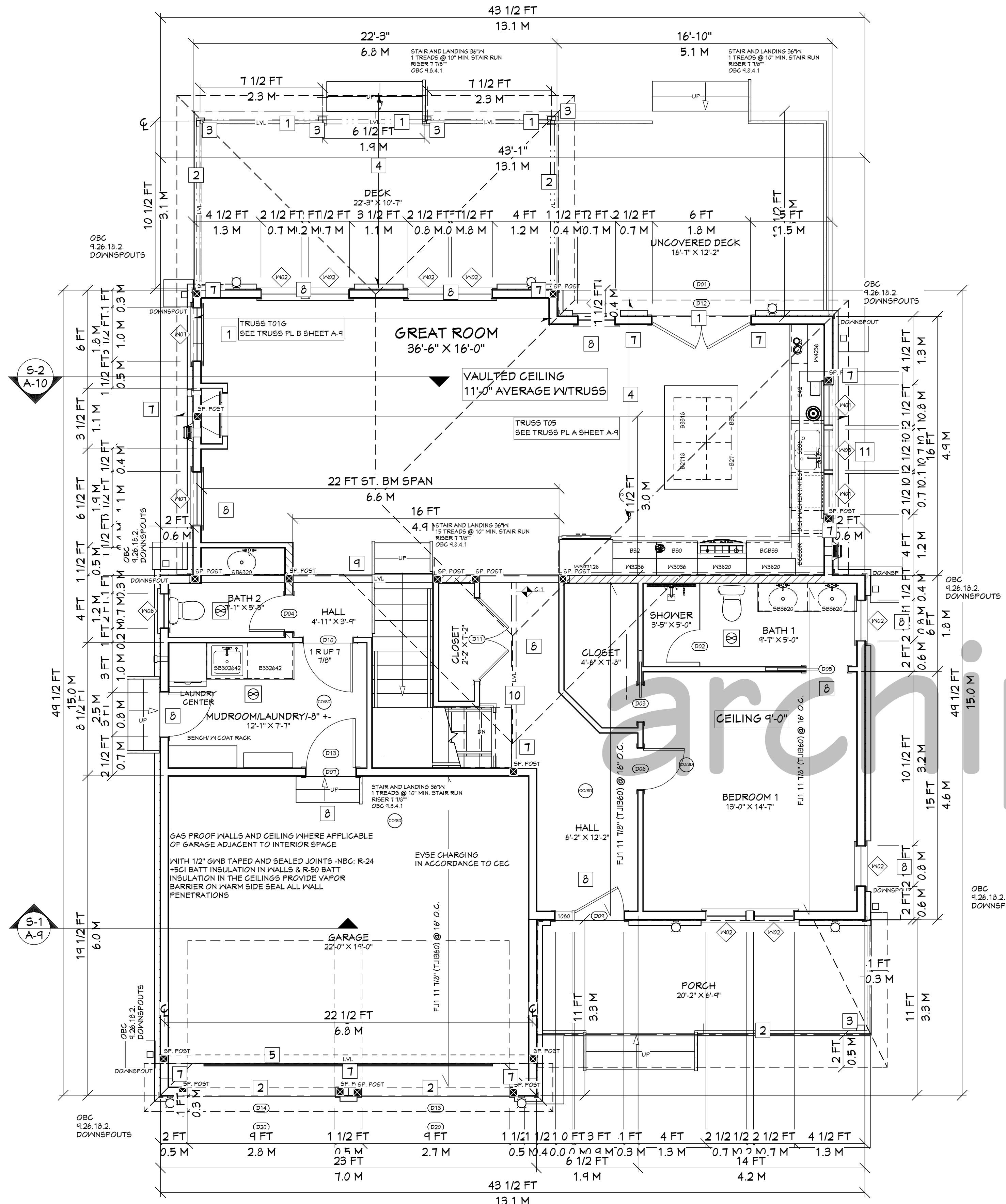


9.25.3.6-A DAMPROOFING AND SOIL GAS CONTROL AT FOUNDATION WALL/FLOOR JUNCTIONS WITH SOLID WALLS
 A-9.25.3.4. AND 9.25.3.6-B DAMPROOFING AND SOIL GAS CONTROL AT FOUNDATION WALL/FLOOR JUNCTIONS WITH HOLLOW WALLS

FOUNDATION 1/4"=1'-0"

PRE-SCREENING SUBJECT TO FINAL ENGINEER REVIEW

ADDRESS
 INFILL CITY OF SASKATOON
 PROJECT
 NEW SINGLE FAMILY DWELLING
 DESCRIPTION
 DRAWING
 FOUNDATION
 PROJECT NO.
 PLOT DATE: 12/25/2025
 SCALE:
 SHEET:
A-5



GROUND FLOOR		
ROOM NAME	AREA, INTERIOR (SQ FT)	AREA, STANDARD
BATH 1	48	56
GARAGE	418	454
GREAT ROOM	597	639
BEDROOM 1	191	210
HALL	121	133
MUDROOM/LAUNDRY/8" +-	92	104
BATH 2	34	42
CLOSET	15	21
HALL	18	20
SHOWER	17	20
CLOSET	37	42
MECHANICAL	4	7
TOTALS:	1592	1748

WALL SCHEDULE	
2D SYMBOL	WALL TYPE
[Symbol]	2" X 4" SP. WALL @ 16" O.C.
[Symbol]	AREA DEFINITION
[Symbol]	BEARING 2" X 6" SP. WALL @ 16" O.C.
[Symbol]	EXT. 2" X 6" W/A" W/ HR SIDING
[Symbol]	GLASS SHOWER
[Symbol]	INTERIOR RAILING
[Symbol]	INTERIOR-6_2
[Symbol]	ROOM DIVIDER

WINDOW SCHEDULE						
NUMBER	3D PERSPECTIVE	AREA, ACTUAL	QTY	FLOOR	R/O	DESCRIPTION
W01	[Image]	10.81	2	1	31"X52 7/8"	SINGLE CASEMENT-HL
W02	[Image]	15	8	1	31"X73"	SINGLE CASEMENT-HL
W03	[Image]	14	1	1	29"X73"	SINGLE CASEMENT-HL
W05	[Image]	10.81	1	1	31"X52 7/8"	FIXED GLASS
W06	[Image]	9.39	1	1	27"X53"	SINGLE CASEMENT-HL
W07	[Image]	6.11	2	1	41"X23"	FIXED GLASS
TOTALS:		188.03				

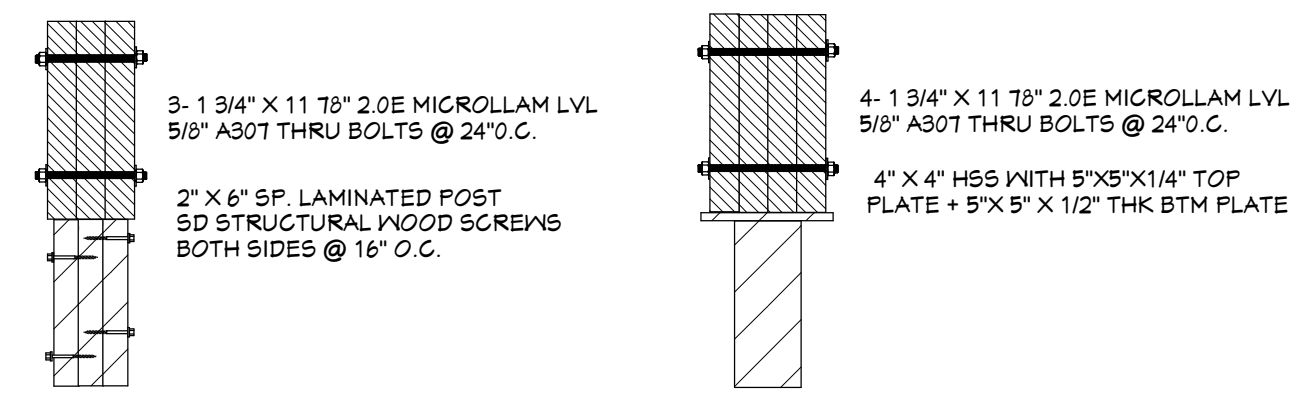
GARAGE			
QTY	DESCRIPTION	2D SYMBOL	DIMENSIONS
1	ROUND DRAIN	[Symbol]	4 1/2" X 1/2" X 1 3/4"

ELECTRICAL SCHEDULE	
2D SYMBOL	DESCRIPTION
[Symbol]	ASHMOORE WALL SCONCE
[Symbol]	EXHAUST FAN
[Symbol]	CO/SMOKE DETECTOR

FRAMING NOTES	
1	2- 1 3/4" X 9 1/2" 2.0E MICROLLAM LVL
2	3- 1 3/4" X 9 1/2" 2.0E MICROLLAM LVL
3	POST SLEEVE OVER 4" X 4" HSS WITH 5"X5"X1/4" TOP PLATE + 5"X 10" X 1/2" THK BTM PLATE + (2) 3/4" BLT5X16" LNG
4	2"X 10" SP. RAFTERS @ 16" O.C. OPTIONAL ROOF TRUSS REFER TO SEALED DRAWINGS
5	DROP BEAM 4- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
7	3- 2" X 6" LAMINATED WD POST
8	TYP. 2- 2" X 10" SP. LINTEL
9	3- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
10	2- 1 3/4" X 11 7/8" 2.0E MICROLLAM LVL
11	3- 1 3/4" X 9 1/2" 2.0E MICROLLAM LVL REFER TO SHEET A-9 WALL FRAMING

PRE-SCREENING SUBJECT TO FINAL ENGINEER REVIEW

GROUND FLOOR 1/4"=1'-0"



9.10.19 SMOKE ALARMS CARBON MONOXIDE-A.9.32.3.9
 (1) WITHIN DWELLING UNITS SUFFICIENT SMOKE ALARMS CONFORMING TO CAN/ULC-531 SHALL BE INSTALLED SO THAT
 (A) THERE IS AT LEAST ONE SMOKE ALARM ON EACH STOREY, INCLUDING BASEMENTS, AND
 (B) ON ANY STOREY OF A DWELLING UNIT CONTAINING SLEEPING ROOMS, A SMOKE ALARM IS INSTALLED,
 (I) IN EACH SLEEPING ROOM, AND
 (II) IN A LOCATION BETWEEN THE SLEEPING ROOMS AND THE REMAINDER OF THE STOREY,
 AND IF THE SLEEPING ROOMS ARE SERVED BY A HALLWAY, THE SMOKE ALARM SHALL BE LOCATED IN THE HALLWAY.
 (2) SMOKE ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT CONFORMING TO THE REQUIREMENTS IN 10.5.3. OF NFPA 72. THE VISUAL SIGNALING COMPONENT NEED NOT BE INTEGRATED WITH THE SMOKE ALARM PROVIDED IT IS INTERCONNECTED TO IT.
 INTERCONNECTED SMOKE ALARMS TO BE PERMANENTLY CONNECTED AND HAVE A BATTERY BACKUP

true north const. north

REVISION

No.	Date	Description

project 12/25/2025 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.

ADDRESS
 INFILL CITY OF SASKATOON

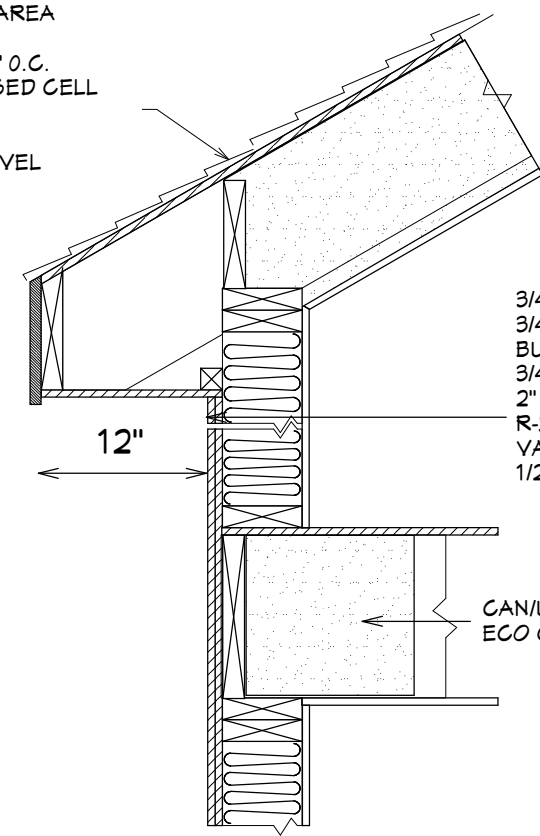
PROJECT
 NEW SINGLE FAMILY DWELLING

DESCRIPTION
 GROUND FLOOR

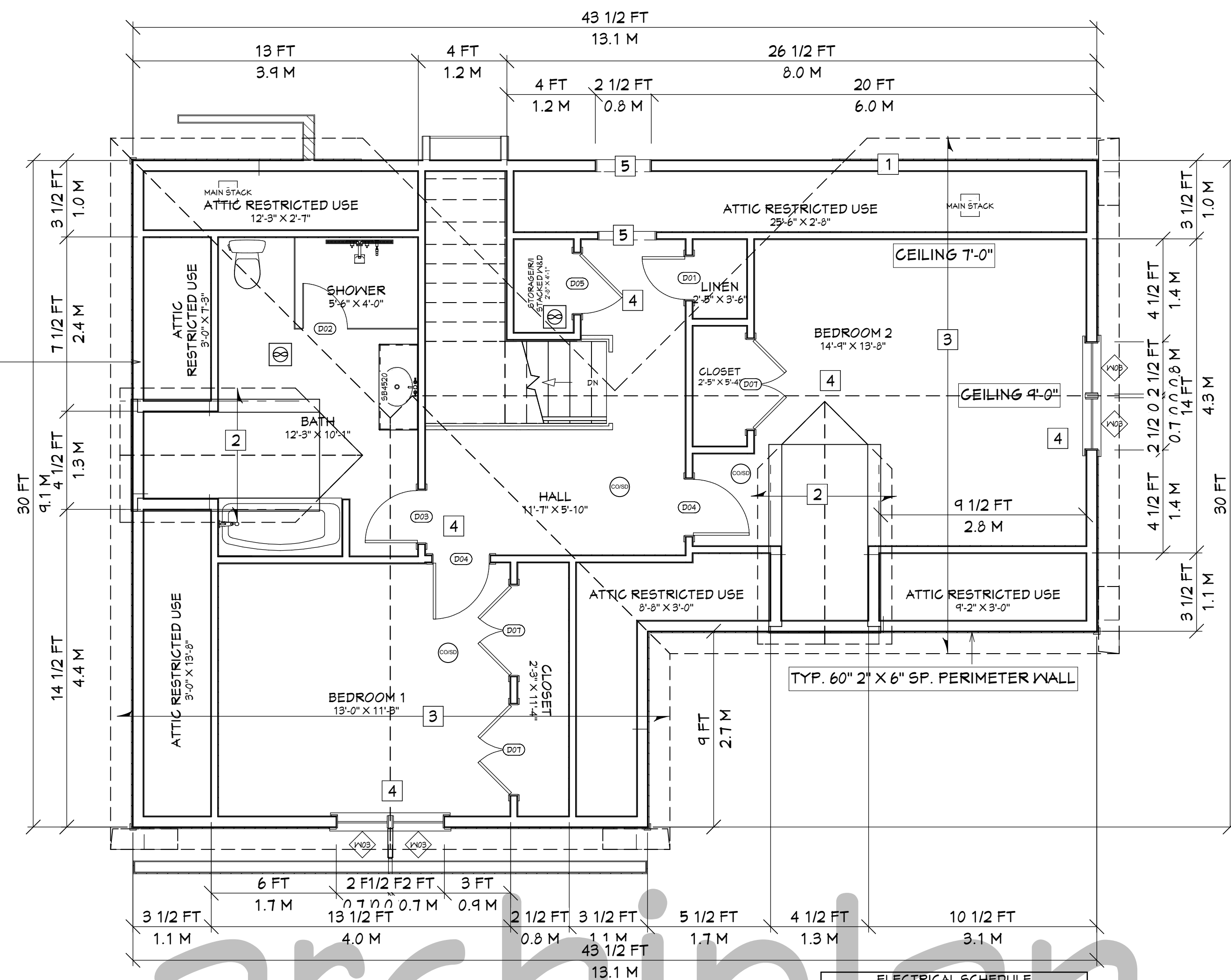
PROJECT NO.
 PLOT DATE: 12/25/2025

SCALE:
 SHEET:
A-6

ASPHALT SHINGLES
 ROOF MEMBRANE ENTIRE AREA
 1/2" PLYWOOD DECK
 2" X 10" SP. RAFTERS @ 16" O.C.
 CANULC-S105.1 ECO CLOSED CELL
 SPRAY FOAM R-32
 VAPOUR BARRIER
 1/2" GYPSUM @ CEILING LEVEL



3/4" EXT. SIDING
 3/4" SP. STRAPPING @ 16" O.C.
 BUILDING WRAP
 3/4" EXT. FLY
 2" X 6" SP. STUDS @ 16" O.C.
 R-24 BATT INSULATION
 VAPOUR BARRIER
 1/2" DRYWALL



2ND FLOOR		
ROOM NAME	AREA, INTERIOR (SQ FT)	AREA, STANDARD
BATH	115	131
ATTIC RESTRICTED USE	31	41
ATTIC RESTRICTED USE	68	84
LINEN	8	11
HALL	102	111
ATTIC RESTRICTED USE	21	26
BEDROOM 2	226	251
SHOWER	22	26
ATTIC RESTRICTED USE	40	50
CLOSET	13	16
BEDROOM 1	146	162
CLOSET	25	33
ATTIC RESTRICTED USE	27	34
ATTIC RESTRICTED USE	47	56
STORAGE/R/I STACKED W&D	11	15
TOTALS:	904	1047

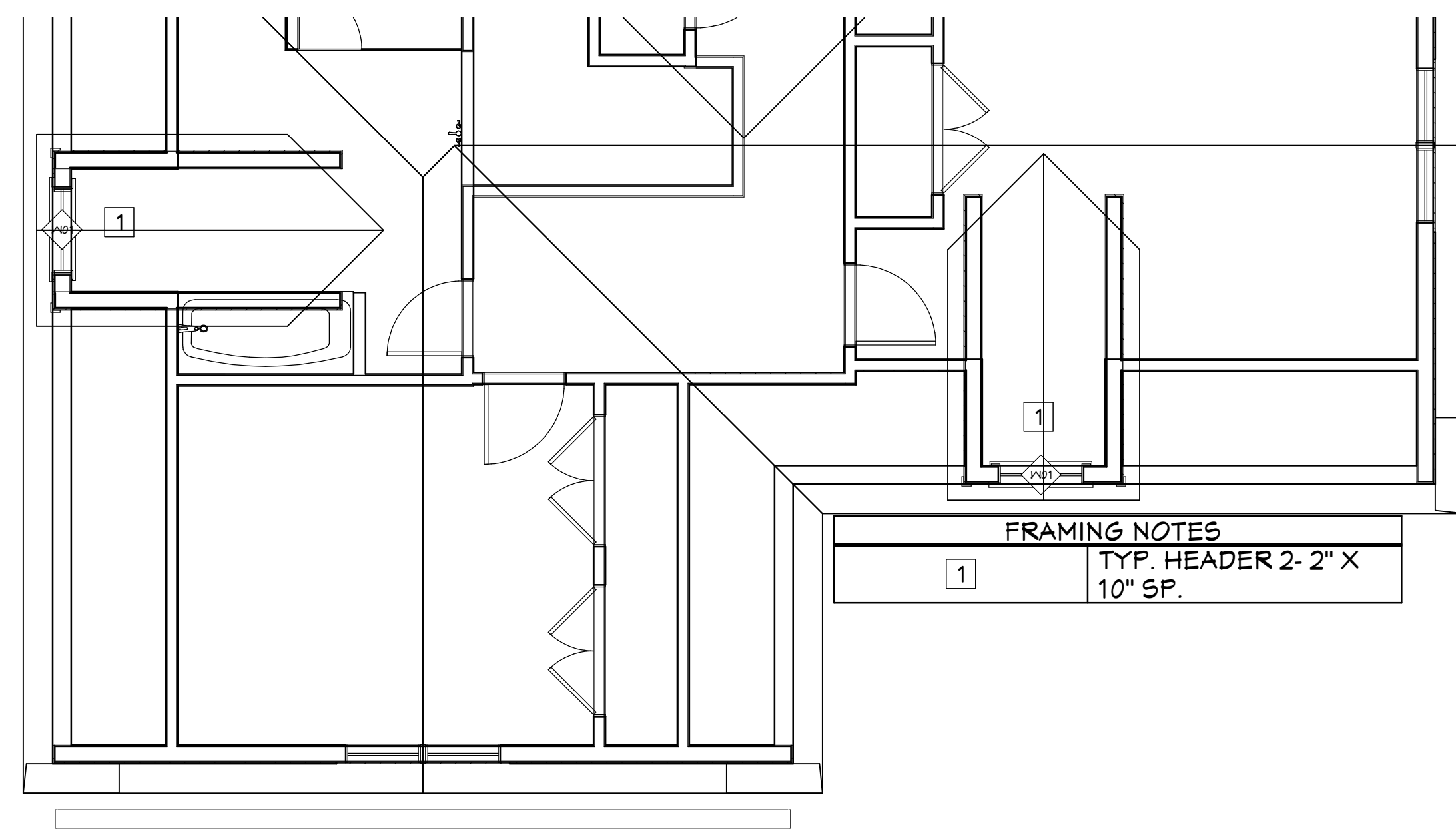
DORMER WINDOW						
NUMBER	3D PERSPECTIVE	AREA, ACTUAL	QTY	FLOOR	R/O	DESCRIPTION
W01		10.67	2	3	33"X49"	SINGLE CASEMENT-HL
TOTALS:		21.33				

WINDOW SCHEDULE						
NUMBER	3D PERSPECTIVE	AREA, ACTUAL	QTY	FLOOR	R/O	DESCRIPTION
W03		10.5	4	2	29"X55"	SINGLE CASEMENT-HL
TOTALS:		42				

FRAMING NOTES	
1	TYP. 60" EXT. 2" X 6" SP. WALL @ 16" O.C. EXT. ENG. SIDING AS PER ELEVATION
2	BUILDING WRAP/5/8" EXT. PLY R-24 BATT INSULATION VAPOUR BARRIER/1/2" GYPSUM
3	2" X 10" SP. RAFTERS @ 16" O.C.
4	TYP. HEADER 2- 2" X 10" SP.
5	PROVIDE SEALED (INSULATED) 30"W X 48"H ACCESS HATCH TO ALLOW FOR BLOWN IN INSULATION TO ATTIC AREA GROUND FLOOR ROOF TRUSS

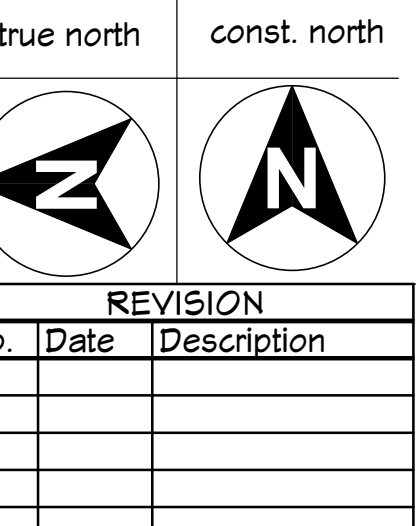
ELECTRICAL SCHEDULE	
2D SYMBOL	DESCRIPTION
	CO/SMOKE DETECTOR
	EXHAUST FAN

WALL SCHEDULE	
2D SYMBOL	WALL TYPE
	2" X 4" SP. WALL @ 16" O.C. 1/2" GYPSUM ONE SIDE
	2" X 4" SP. WALL @ 16" O.C.
	2" X 6" SP. WALL @ 16" O.C.
	AREA DEFINITION
	BEARING 2" X 6" SP. WALL @ 16" O.C.
	EXT. 2" X 6" W/A" W/ HR SIDING
	INTERIOR RAILING



FRAMING NOTES	
1	TYP. HEADER 2- 2" X 10" SP.

DORMERS 1/4"=1'-0"



project
 12/25/2025 issue for permit

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ADDRESS
 INFILL
 CITY OF
 SASKATOON

PROJECT
 NEW SINGLE FAMILY
 DWELLING

DESCRIPTION

DRAWING

2ND FLOOR 1/4"=
 1'-0"

PROJECT NO.
 PLOT DATE: 12/25/2025

SCALE:
 SHEET:

A-7

4.19.1.3. EXCEPT AS PROVIDED IN SENTENCE (2), WHERE VENTING IS PROVIDED TO A ROOF JOIST SPACE, NOT LESS THAN 63MM (2.48") OF SPACE SHALL BE PROVIDED BETWEEN THE TOP OF THE INSULATION AND THE UNDERSIDE OF THE ROOF SHEATHING.
 (2) WHERE VENTING IS PROVIDED AT THE JUNCTION OF SLOPED ROOFS AND EXTERIOR WALLS AND WHERE PREFORMED BAFFLES ARE USED TO CONTAIN THE INSULATION, THE BAFFLES SHALL,

A) PROVIDE AN UNOBSTRUCTED AIR SPACE BETWEEN THE INSULATION AND THE UNDERSIDE OF THE ROOF SHEATHING, THAT IS,

1) NOT LESS THAN 25MM (1") IN DIMENSION, AND

II) OF SUFFICIENT CROSS AREA TO MEET THE ATTIC OR ROOF SPACE VENTING REQUIREMENTS OF ARTICLE 4.19.1.2., AND

B) EXTEND VERTICALLY NOT LESS THAN 50MM (2") ABOVE THE TOP OF THE INSULATION.

(3) CEILING INSULATION SHALL BE INSTALLED IN A MANNER THAT WILL NOT RESTRICT THE FREE FLOW OF AIR THROUGH ROOF VENTS OR THROUGH ANY PORTION OF THE ATTIC OR ROOF SPACE.

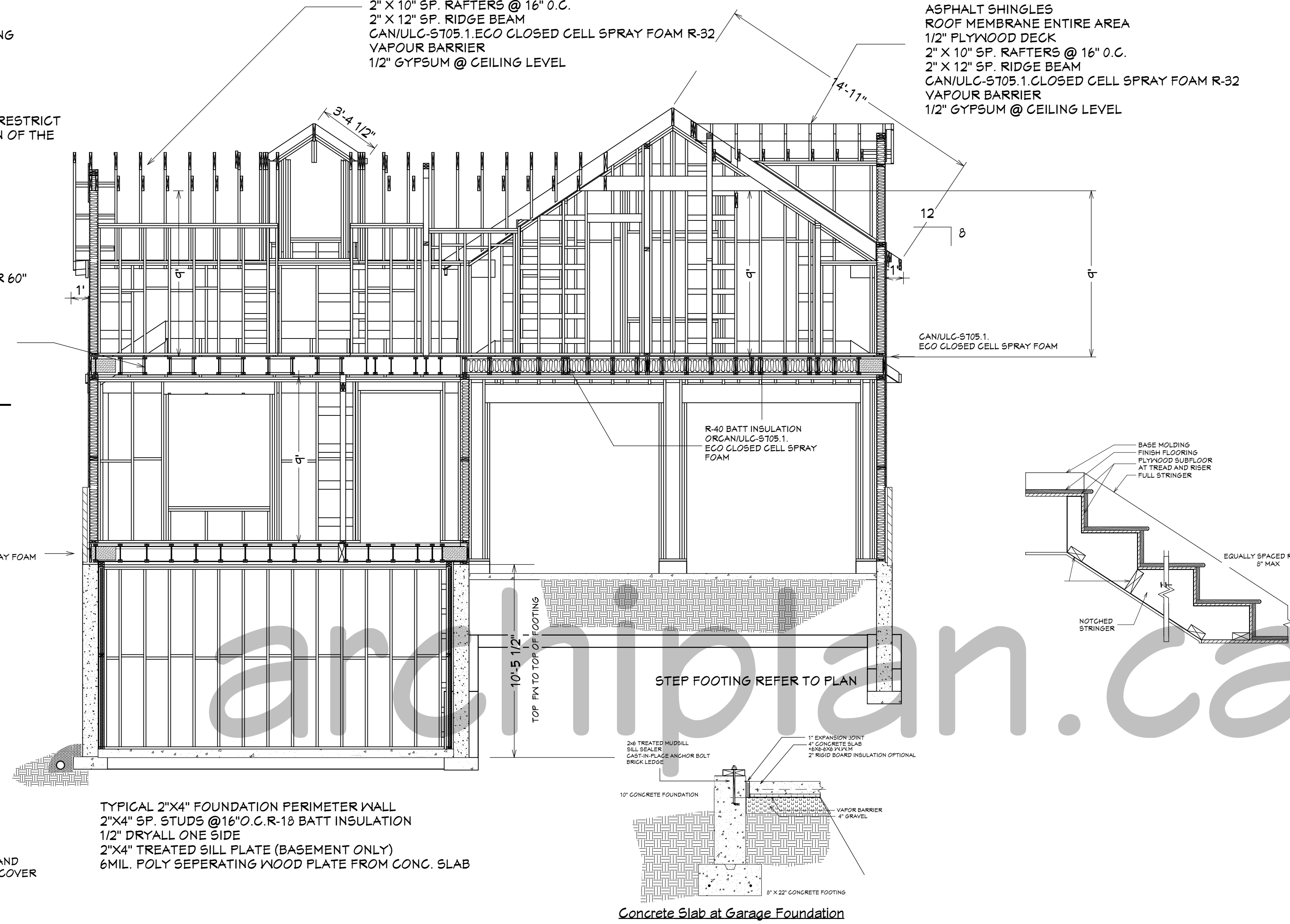
ASPHALT SHINGLES
 ROOF MEMBRANE ENTIRE AREA
 1/2" PLYWOOD DECK
 2" X 10" SP. RAFTERS @ 16" O.C.
 2" X 12" SP. RIDGE BEAM
 CAN/ULC-S705.1 ECO CLOSED CELL SPRAY FOAM R-32
 VAPOUR BARRIER
 1/2" GYPSUM @ CEILING LEVEL

ASPHALT SHINGLES
 ROOF MEMBRANE ENTIRE AREA
 1/2" PLYWOOD DECK
 2" X 10" SP. RAFTERS @ 16" O.C.
 2" X 12" SP. RIDGE BEAM
 CAN/ULC-S705.1 ECO CLOSED CELL SPRAY FOAM R-32
 VAPOUR BARRIER
 1/2" GYPSUM @ CEILING LEVEL

STRUCTURAL LOADS:
 A) TYPICAL STOREY LOADS:
 - DEAD LOAD: 15 PSF (0.72 KPA)
 - LIVE LOAD: 40 PSF (1.92 KPA)
 B) ROOF LOADS:
 - DEAD LOAD: 15 PSF (0.72 KPA)
 - SNOW LOAD: 24.64 PSF (1.18 KPA)
 C) SOIL BEARING CAPACITY: 1566 PSF (75 KPA)
 NOTE:
 - DO NOT ORDER ANY STEEL OR LUMBER UNTIL ALL DIMENSIONS VERIFIED ON SITE.
 - 25 MPA FOR INTERIOR CONCRETE AND 35 MPA FOR EXTERIOR CONCRETE.

true north	const. north	
REVISION		
No.	Date	Description

project
 12/25/2025 issue for permit



EXTERIOR WALL ENG. VERTICAL SIDING
 3/4" ENG. SIDING
 3/4" SP. STRAPPING @ 16" O.C.
 BUILDING WRAP
 3/4" EXT. PLY
 2" X 6" SP. STUDS @ 16" O.C.
 R-24 BATT INSULATION
 VAPOUR BARRIER
 1/2" DRYWALL

10" POURED CONCRETE WALL
 15M BARS @ 16" O.C. VERT. + 10MM BARS @ 16" O.C. HORIZONTAL
 8" X 24" CONCRETE FOOTING
 15MM DOWELS 2"-6" LG @ 16" O.C.
 DRAINAGE SYSTEM
 BACKFILL WITH FREE DRAINING MATERIAL
 FOUNDATION DAMP PROOFING
 DIMPLED HDPE MEMBRANE
 4" PERFORATED PLASTIC DRAINAGE PIPE AND FILTER CLOTH WITH MIN. 3" CLEAR STONE COVER TIED INTO SUMP PUMP

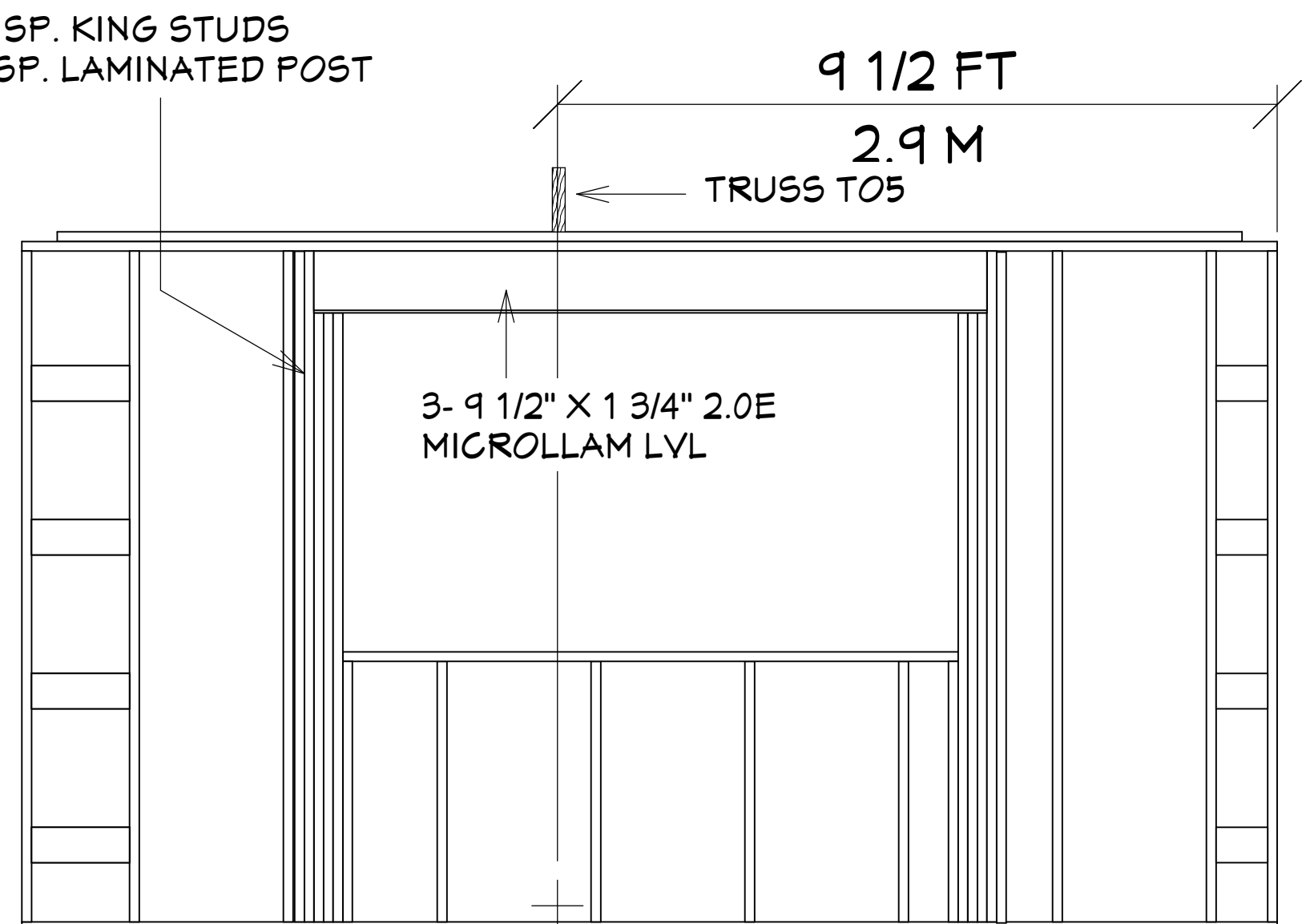
TYPICAL 2"X4" FOUNDATION PERIMETER WALL
 2"X4" SP. STUDS @ 16" O.C. R-18 BATT INSULATION
 1/2" DRYWALL ONE SIDE
 2"X4" TREATED SILL PLATE (BASEMENT ONLY)
 6MIL. POLY SEPERATING WOOD PLATE FROM CONG. SLAB

Concrete Slab at Garage Foundation

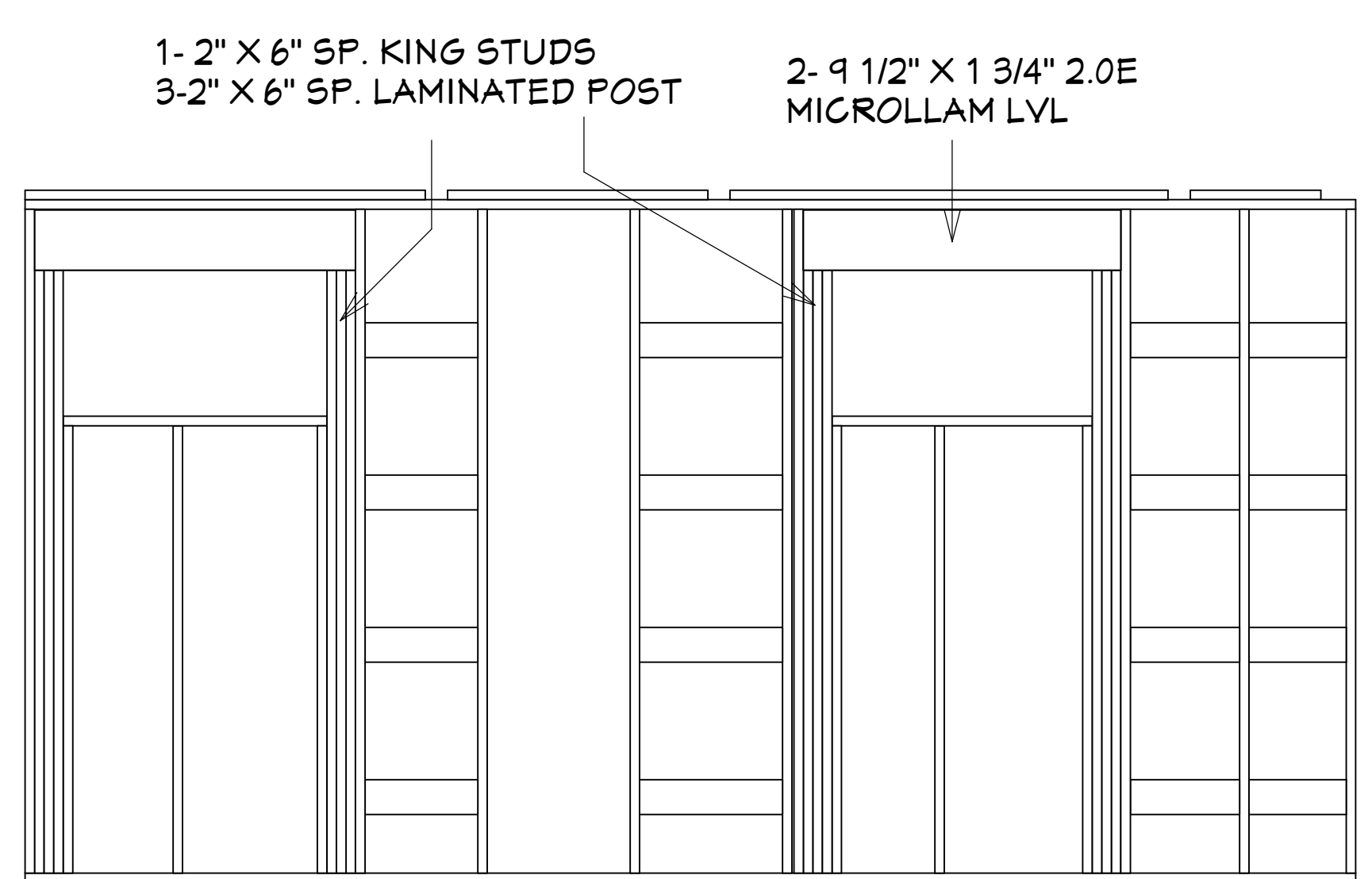
STAIRS.
 1.) INTERIOR AND EXTERIOR STAIRS SHALL BE CONSTRUCTED AS FOLLOWS:
 MAX. RISE = 7 1/2"
 MIN. RUN = 8 1/4"
 MIN. TREAD = 9 1/4"
 MIN. HEADROOM INTERIOR = 6'-5"
 MIN. HEADROOM EXTERIOR = 6'-9"
 HANDRAIL HEIGHT AT STAIR = 32"
 HANDRAIL HEIGHT AT INTERMEDIATE LANDINGS = 32"
 HANDRAIL HEIGHT AT MAIN LANDINGS = 36"
 MIN. STAIR WIDTH = 2'-10" C/M LANDING THE SAME WIDTH AS THE STAIR.

INTERIOR STAIR

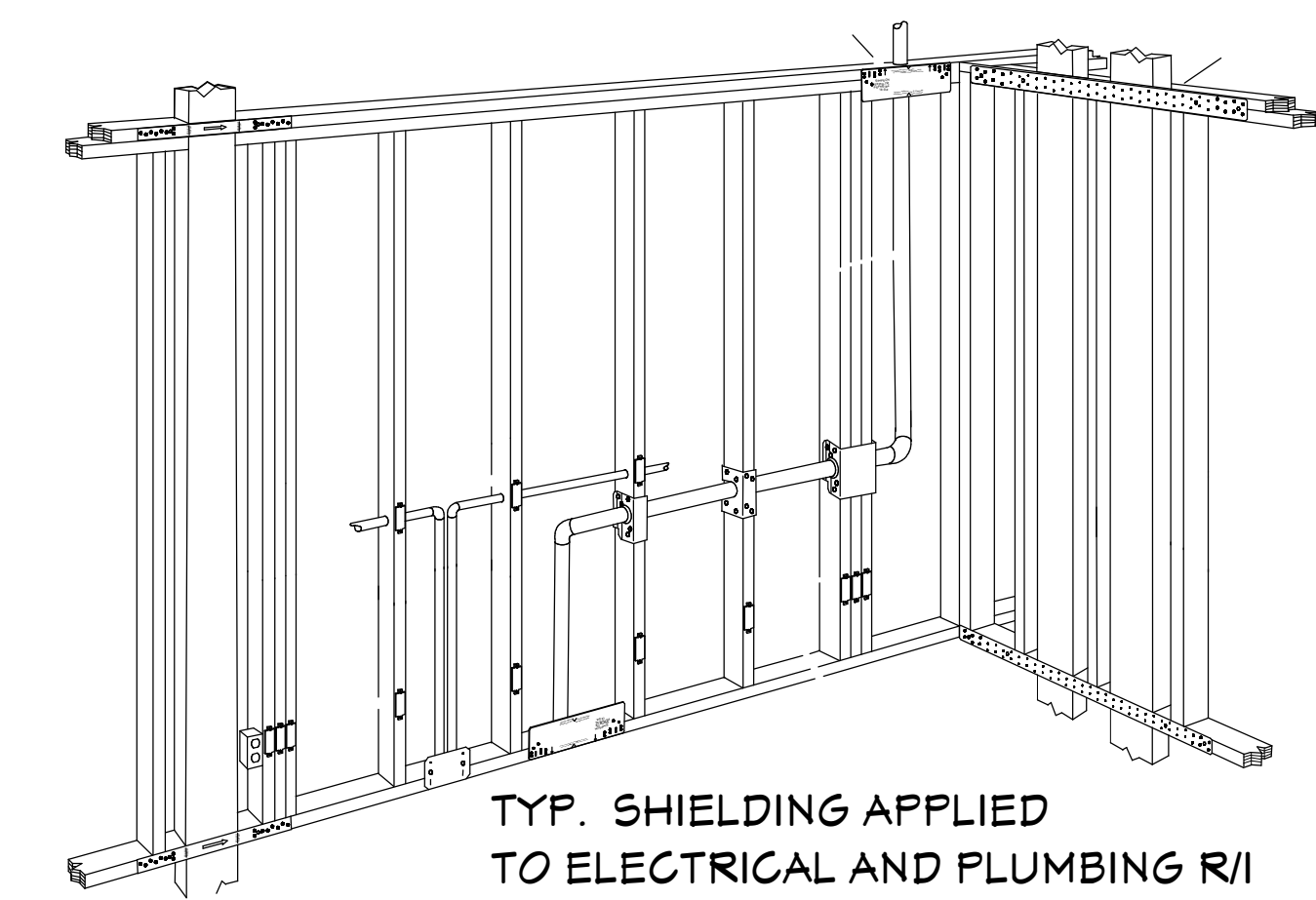
SECTION S-1 1/4"=1'-0"



WALL FRAME AT TRUSS T05 POINT LOAD



WALL FRAMING SUPPORTING TRUSS T01G



TYP. SHIELDING APPLIED TO ELECTRICAL AND PLUMBING R/I

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.

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 AND 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 FILE 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.

ADDRESS
 INFILL
 CITY OF
 SASKATOON

PROJECT
 NEW SINGLE FAMILY DWELLING
 DESCRIPTION
 DRAWING
 SECTION S-1

PROJECT NO.
 PLOT DATE: 12/25/2025

SCALE:
 SHEET:
 A-8

9.19.1.3
EXCEPT AS PROVIDED IN SENTENCE (2), WHERE VENTING IS PROVIDED TO A ROOF JOIST SPACE, NOT LESS THAN 63MM (2.48") OF SPACE SHALL BE PROVIDED BETWEEN THE TOP OF THE INSULATION AND THE UNDERSIDE OF THE ROOF SHEATHING.
(2) WHERE VENTING IS PROVIDED AT THE JUNCTION OF SLOPED ROOFS AND EXTERIOR WALLS AND WHERE PREFORMED BAFFLES ARE USED TO CONTAIN THE INSULATION, THE BAFFLES SHALL,

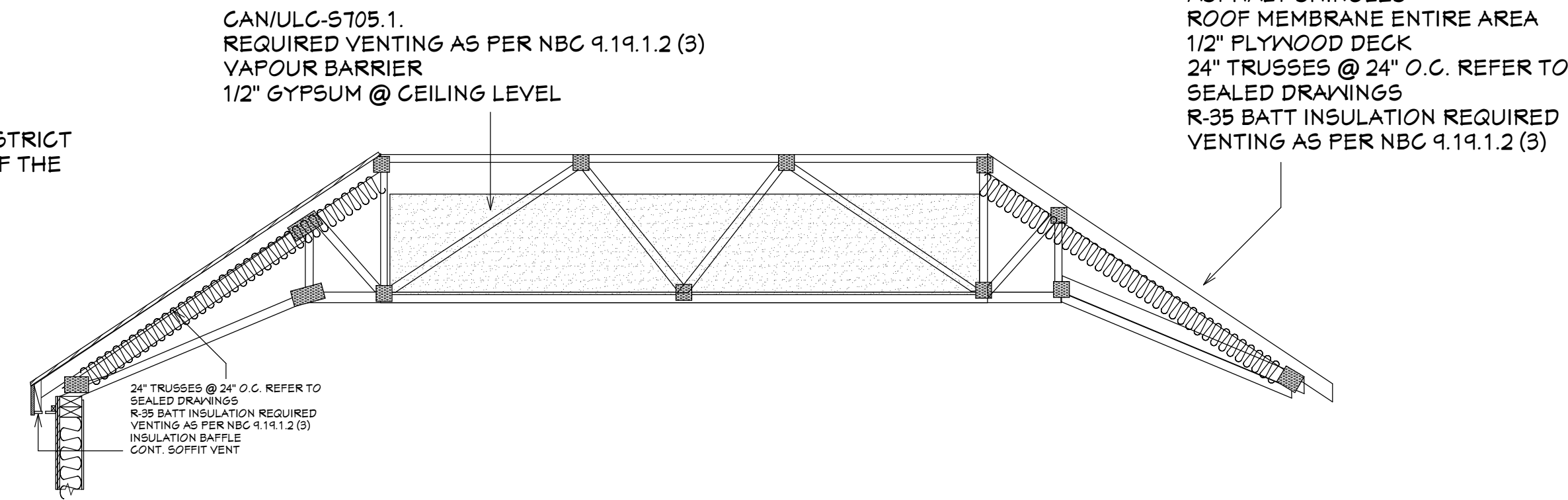
A) PROVIDE AN UNOBSTRUCTED AIR SPACE BETWEEN THE INSULATION AND THE UNDERSIDE OF THE ROOF SHEATHING, THAT IS,

I) NOT LESS THAN 25MM (1") IN DIMENSION, AND

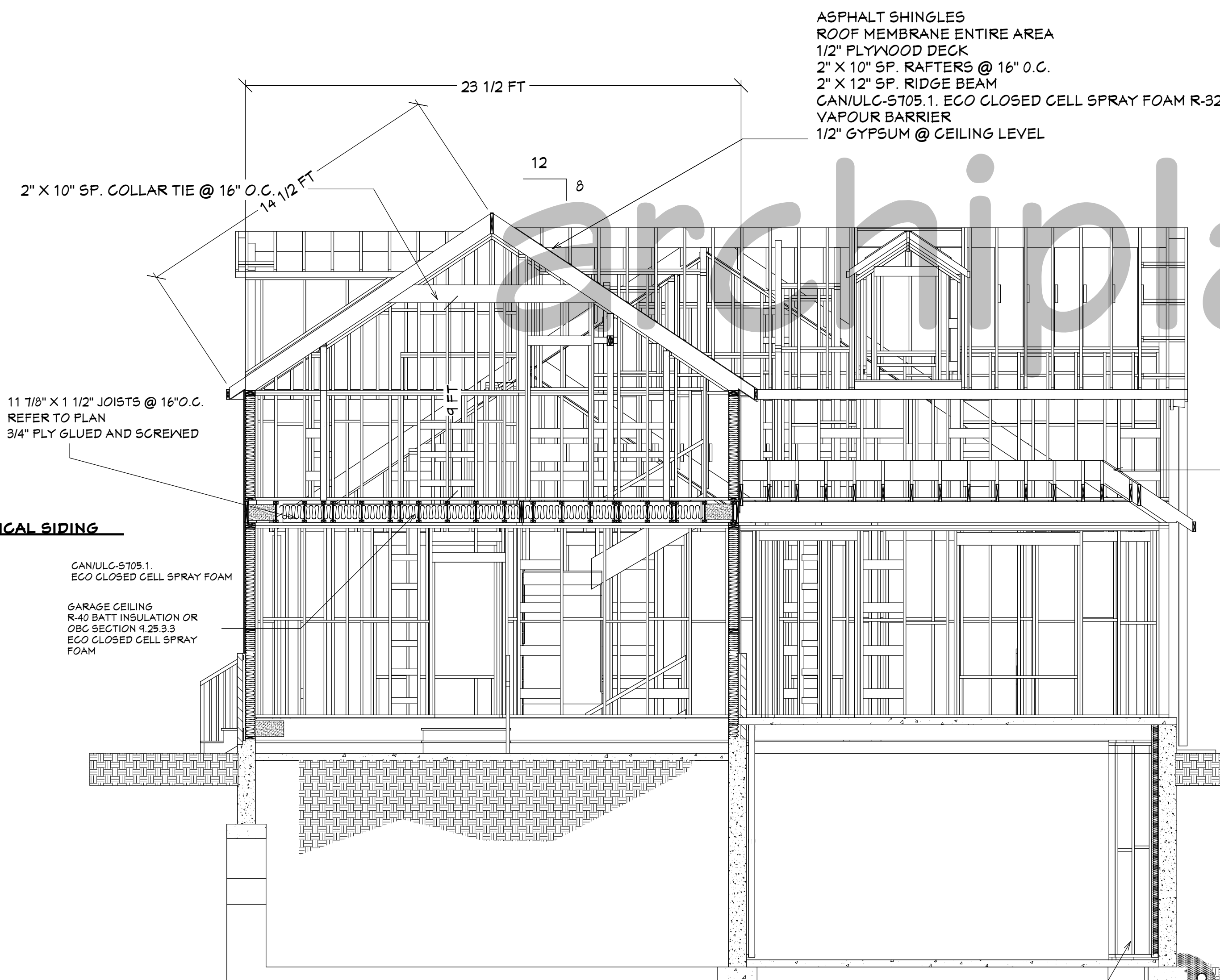
II) OF SUFFICIENT CROSS AREA TO MEET THE ATTIC OR ROOF SPACE VENTING REQUIREMENTS OF ARTICLE 9.19.1.2., AND

B) EXTEND VERTICALLY NOT LESS THAN 50MM (2") ABOVE THE TOP OF THE INSULATION.

(3) CEILING INSULATION SHALL BE INSTALLED IN A MANNER THAT WILL NOT RESTRICT THE FREE FLOW OF AIR THROUGH ROOF VENTS OR THROUGH ANY PORTION OF THE ATTIC OR ROOF SPACE.

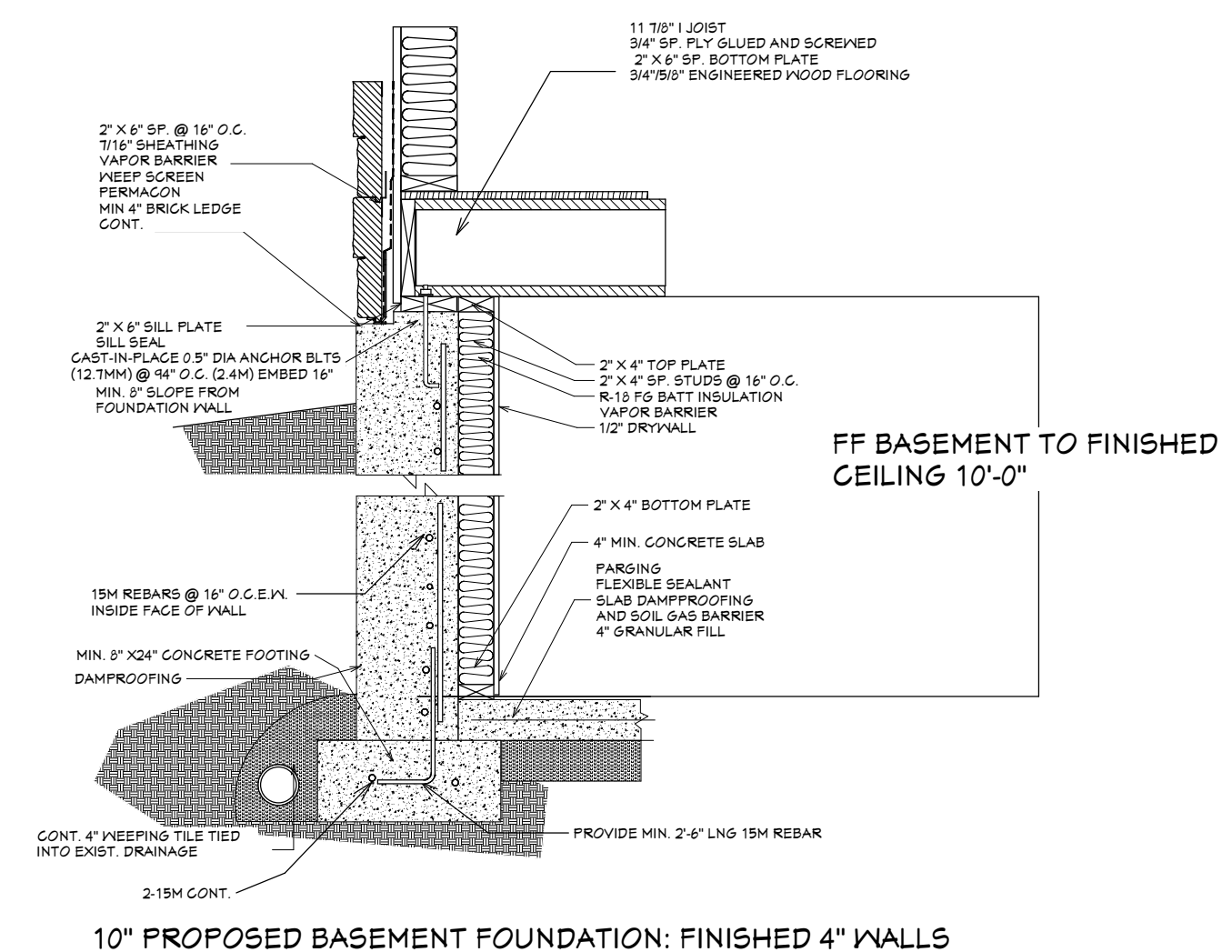


TRUSS INSULATION DETAIL



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

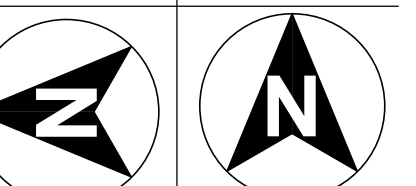
10" POURED CONCRETE WALL
15MM BARS @ 16" O.C. VERT. + 10MM BARS
@ 16" O.C. HORIZONTAL
8" X 24" CONCRETE FOOTING
15MMDOWELS 2"-6" LG @ 16" O.C.
DRAINAGE SYSTEM
BACKFILL WITH FREE DRAINING MATERIAL
FOUNDATION DAMP PROOFING
DIMPLED HDPE MEMBRANE
4" PERFORATED PLASTIC DRAINAGE PIPE AND
FILTER CLOTH WITH MIN. 6" CLEAR STONE COVER
TIED INTO SUMP PUMP



9.25.3.6-A
DAMP PROOFING AND SOIL GAS CONTROL AT FOUNDATION WALL/FLOOR
JUNCTIONS WITH SOLID WALLS
A-9.25.3.4. AND 9.25.3.6-B
DAMP PROOFING AND SOIL GAS CONTROL AT FOUNDATION WALL/FLOOR
JUNCTIONS WITH HOLLOW WALLS

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

true north const. north



REVISION		
No.	Date	Description

project
12/25/2025 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.

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

ADDRESS
INFILL
CITY OF
SASKATOON

PROJECT
NEW SINGLE FAMILY
DWELLING

DESCRIPTION

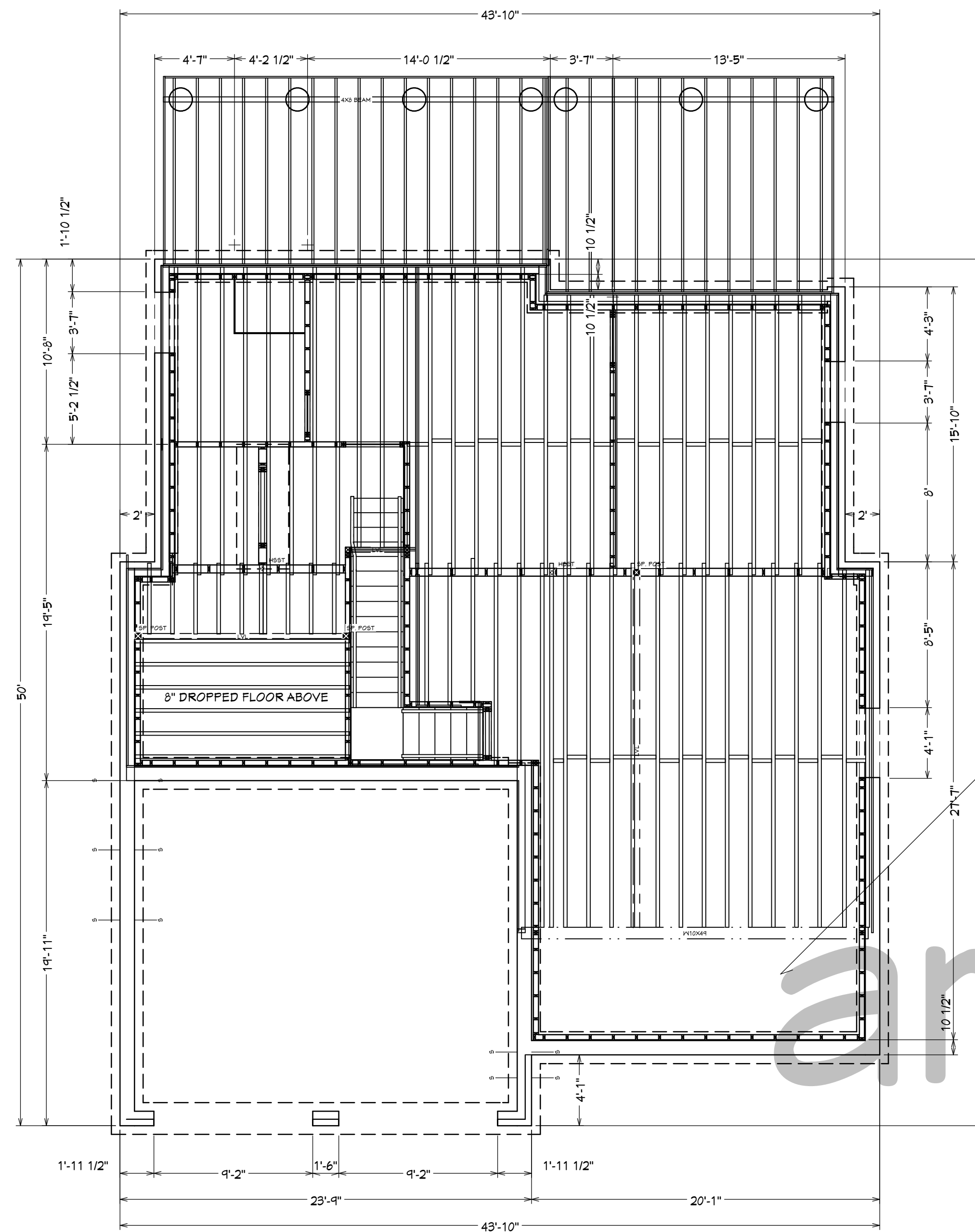
DRAWING

PROJECT NO.

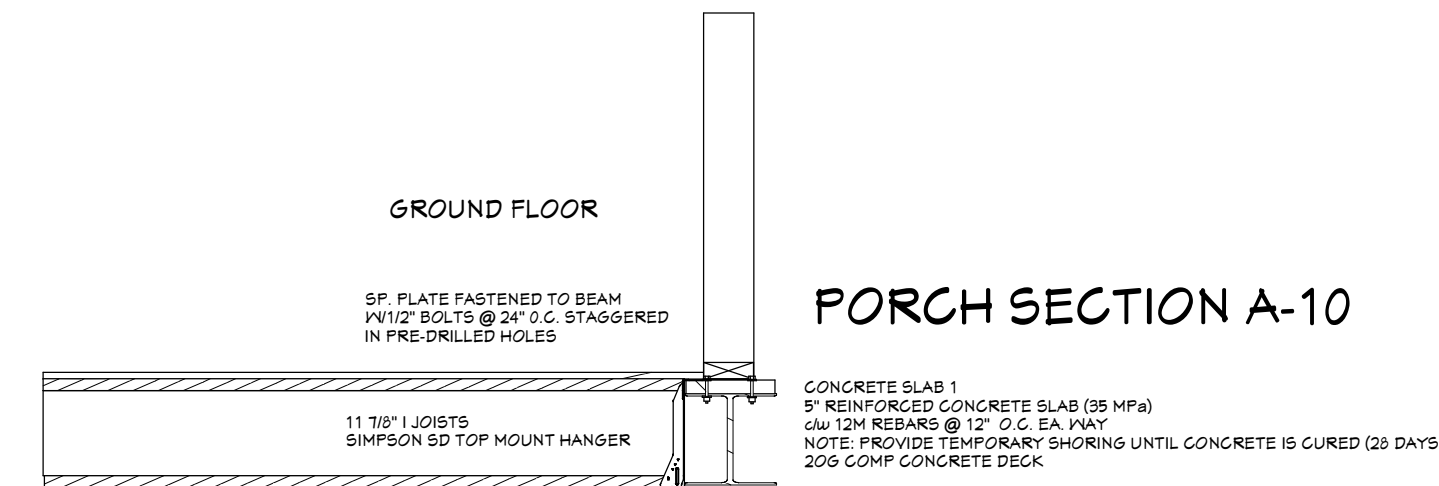
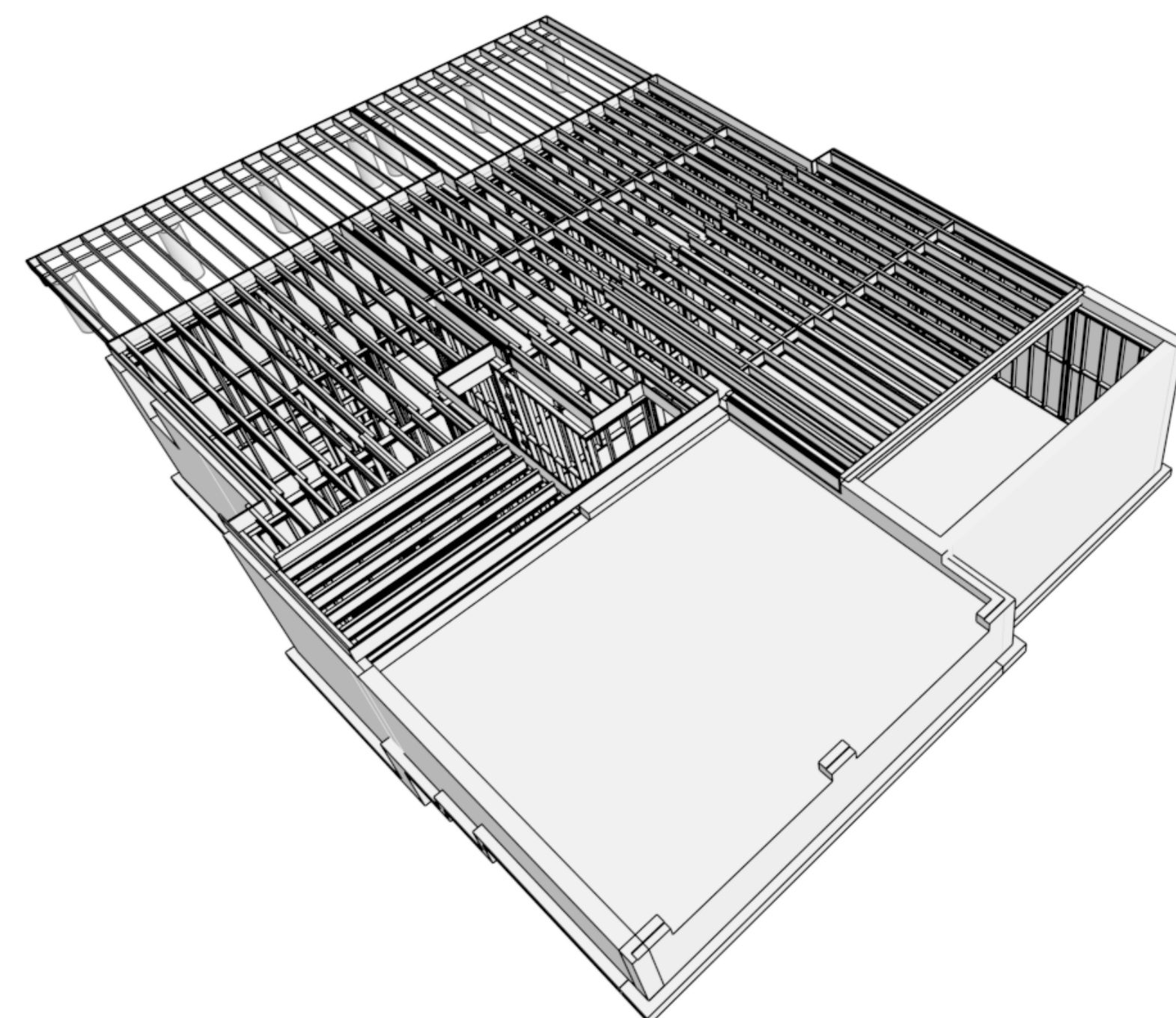
PLOT DATE: 12/25/2025

SCALE:
SHEET:

A-9

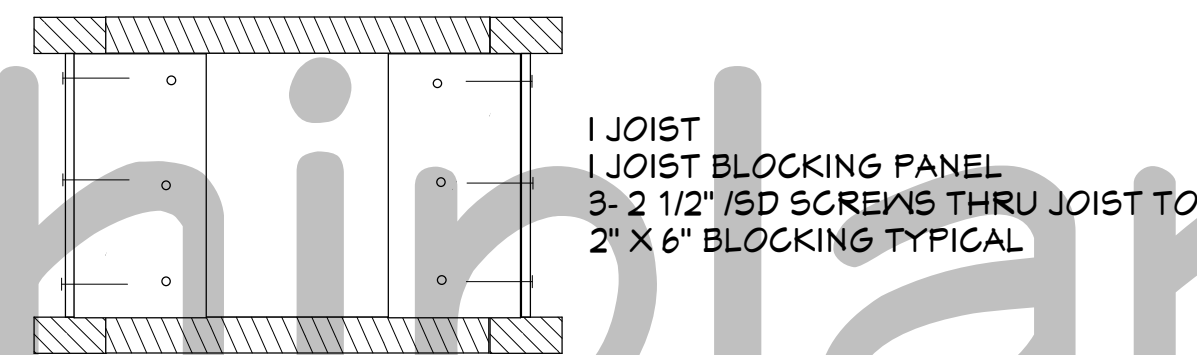


JOIST LAYOUT BASMENT 3/16"=1'-0"



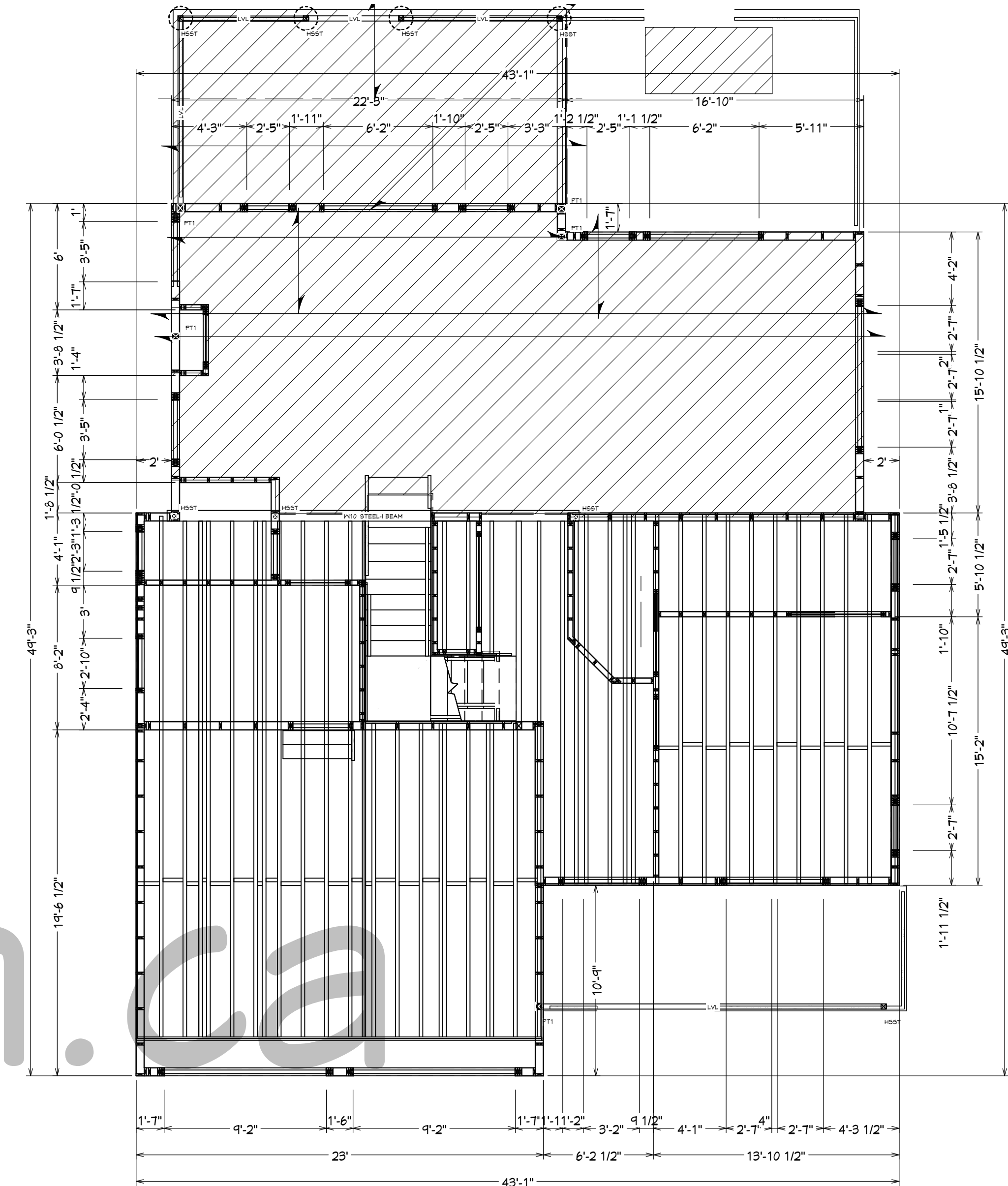
W/ 10X77 CONNECTIONS

MIDSPAN BLOCKING

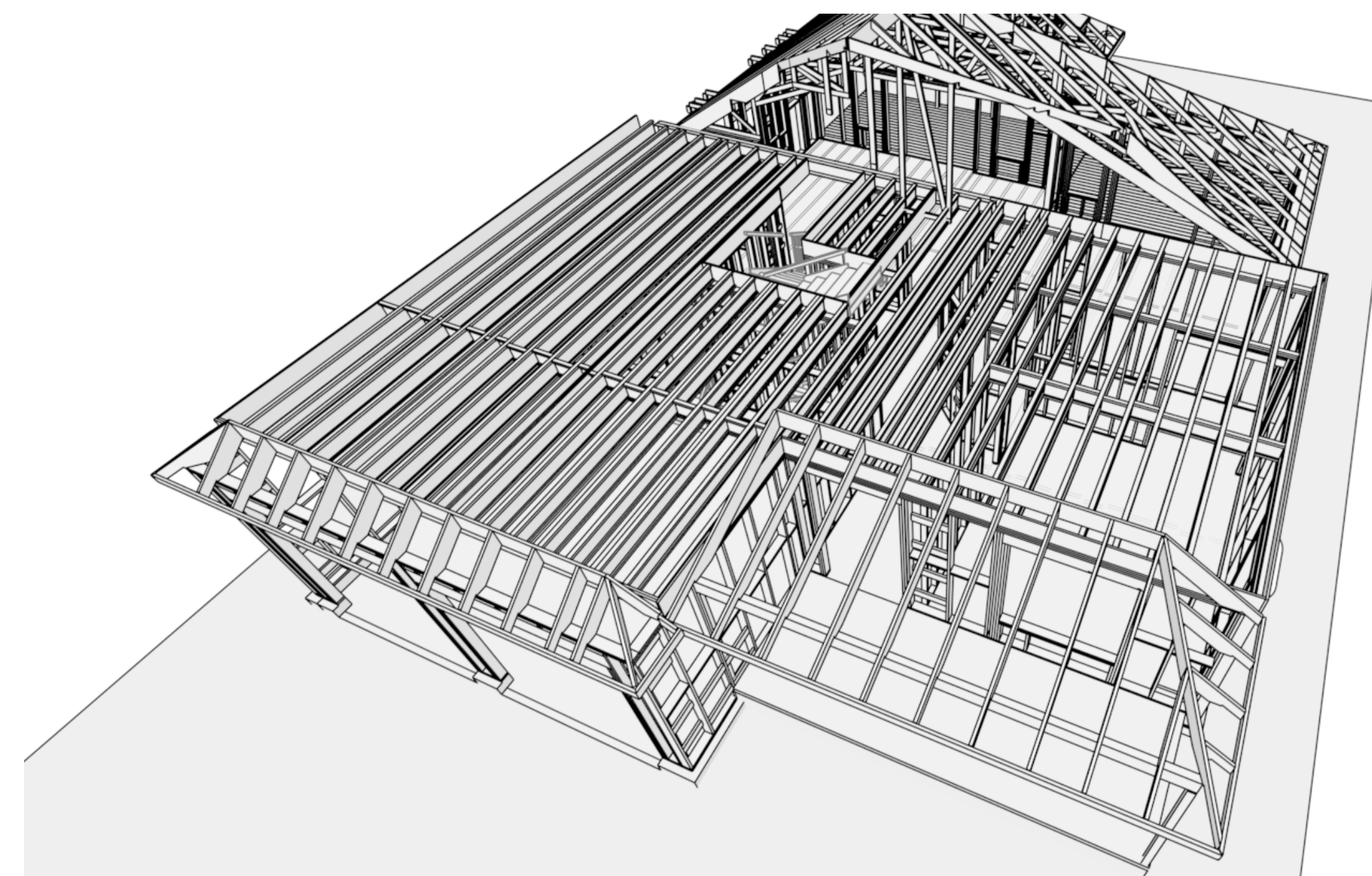


2" X 6" MIN. EXTEND BEYOND END OF BLOCK FOR TIGHT FIT TO JOIST WEB. ATTACH JOIST BLOCKING PANEL WITH 3-2 1/2" /SD SCREWS

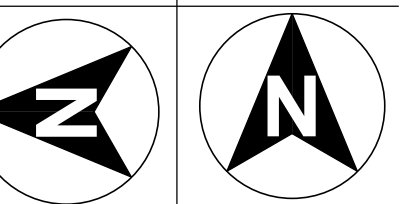
REFER DRAWINGS AS PROVIDED BY SUPPLIER



JOIST LAYOUT GROUND FLOOR 3/16"=1'-0"



true north const. north



REVISION		
No.	Date	Description

project 12/25/2025 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.

NOT SCALE DRAWINGS.
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ADDRESS
INFILL
CITY OF
SASKATOON

PROJECT
NEW SINGLE FAMILY
DWELLING

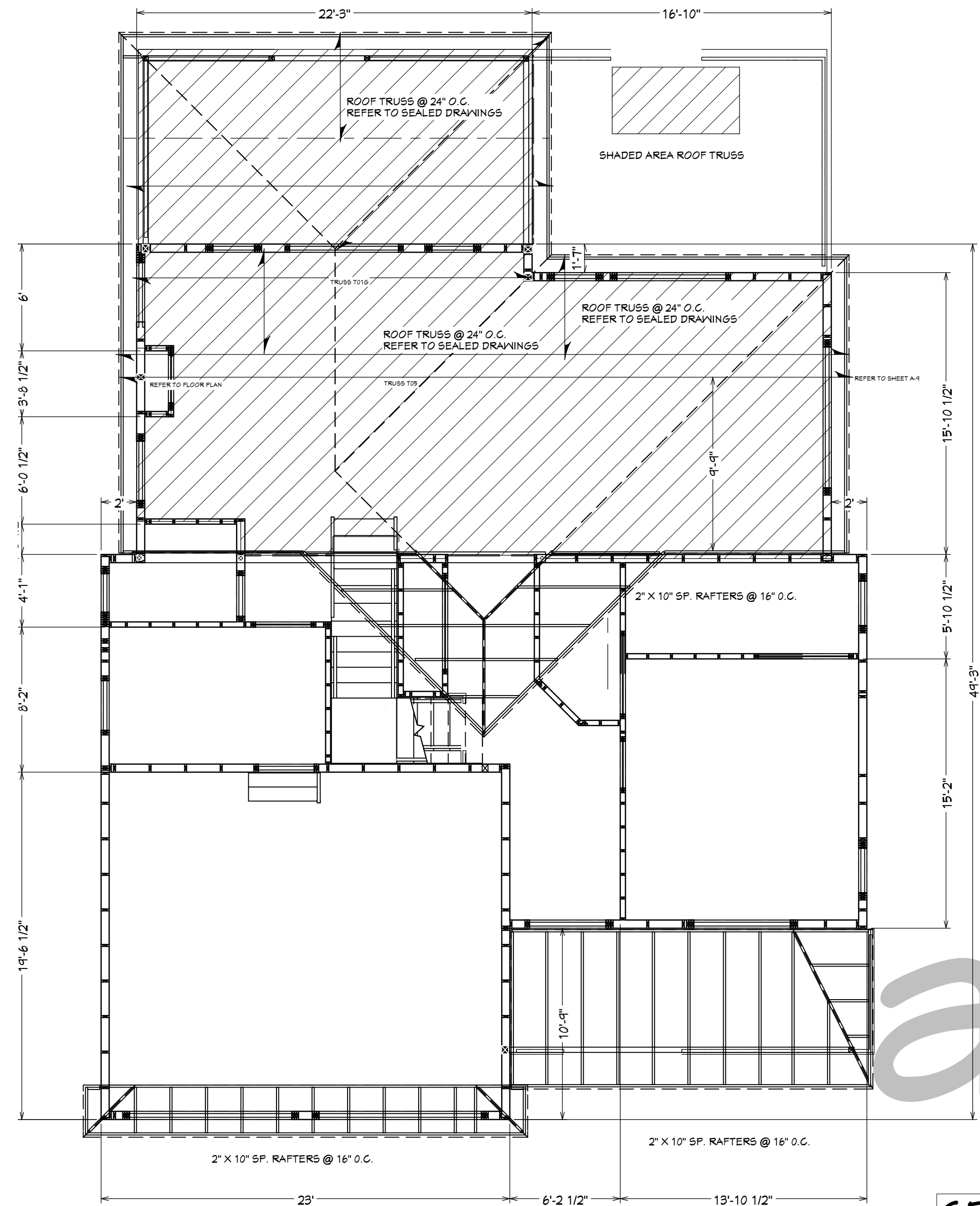
DESCRIPTION

DRAWING

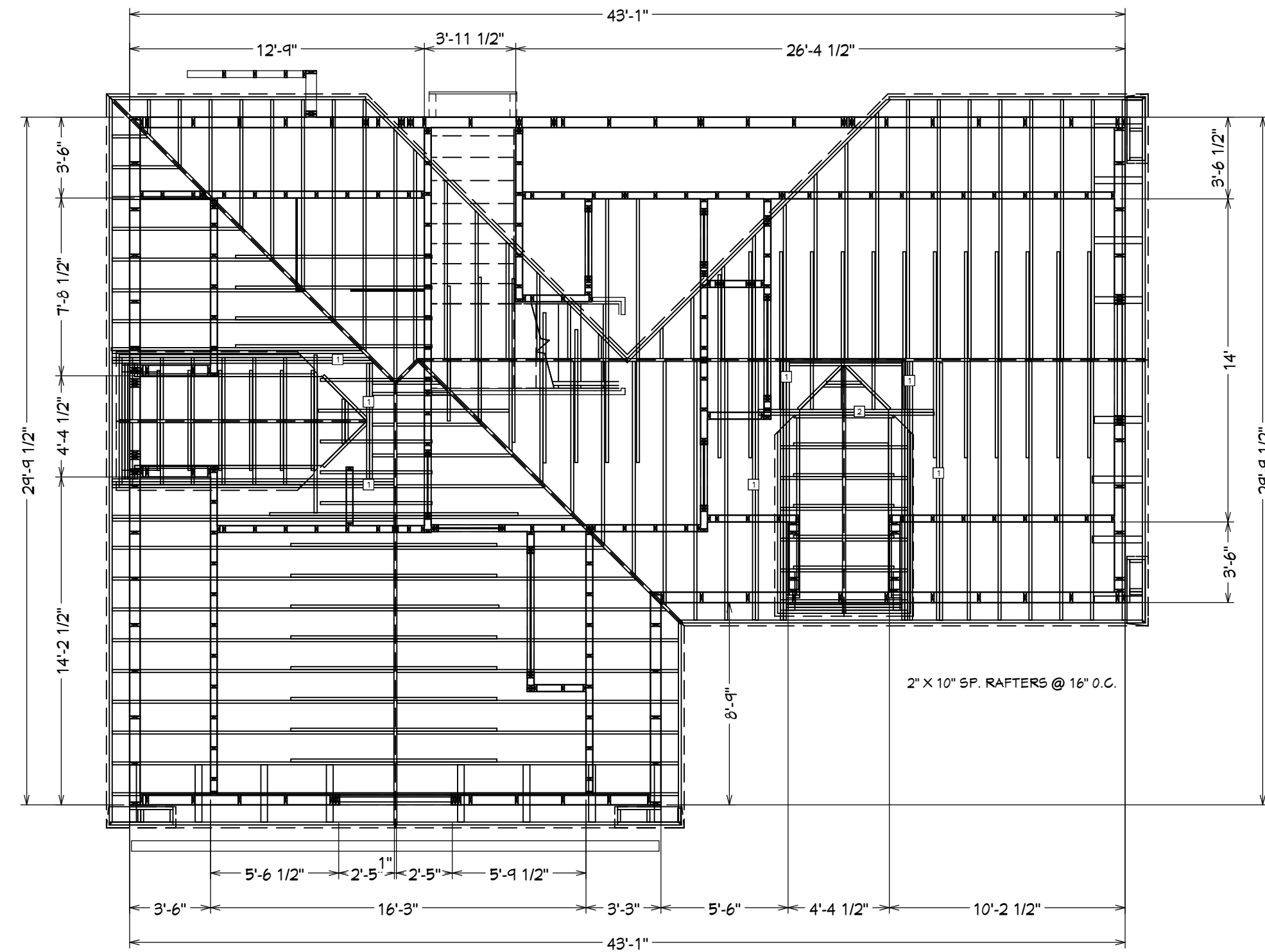
PROJECT NO.
PLOT DATE: 12/25/2025

SCALE:
SHEET:

A-10



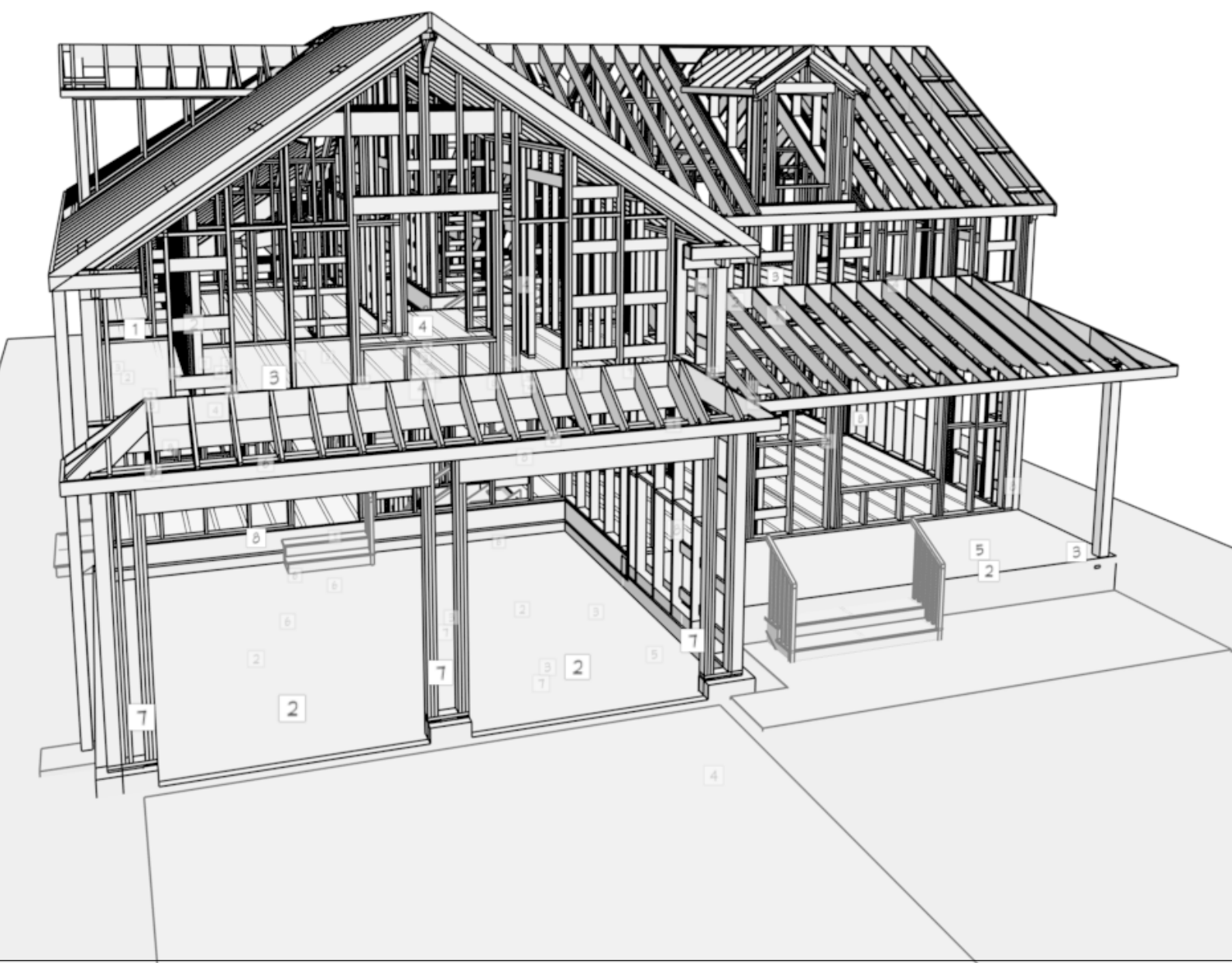
ROOF FRAMING GROUND FLOOR 3/16"=1'-0"



ROOF RAVING 2ND FLOOR 3/16"=1'-0"

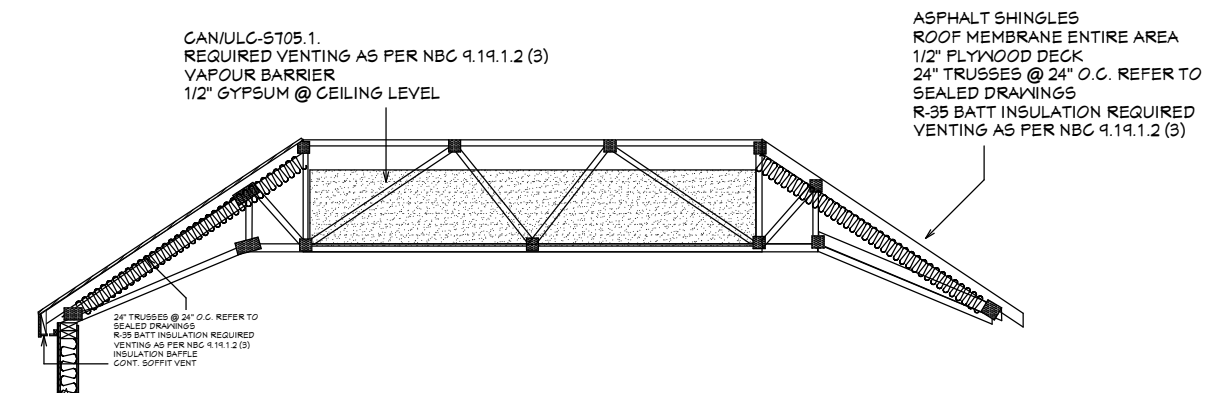
GROUND FLOOR
REFER TO SEALED ROOF
DRAWINGS
PROVIDED BY SUPPLIER

2" X 10" SP. RAFTERS @ 16" O.C.
2" X 10" COLLAR TIES/CEILING JOISTS @ 16" O.C.
9'-0" FROM FINISHED FLOOR

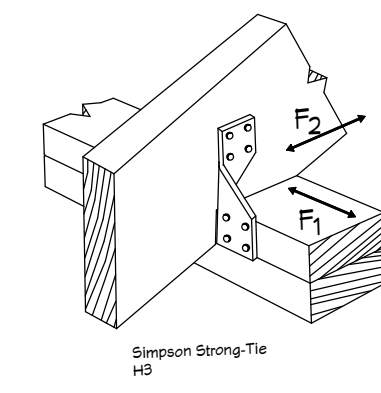
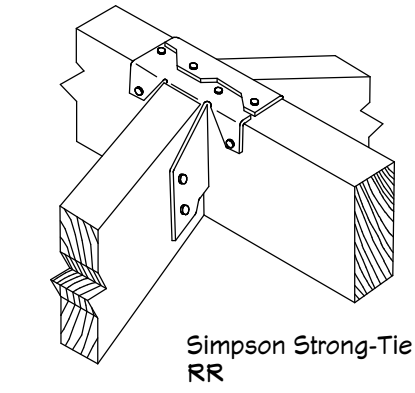


FRAMING NOTES	
1	2-2" X 10" SP. RAFTERS
2	2-2" X 10" SP. COLLAR TIES

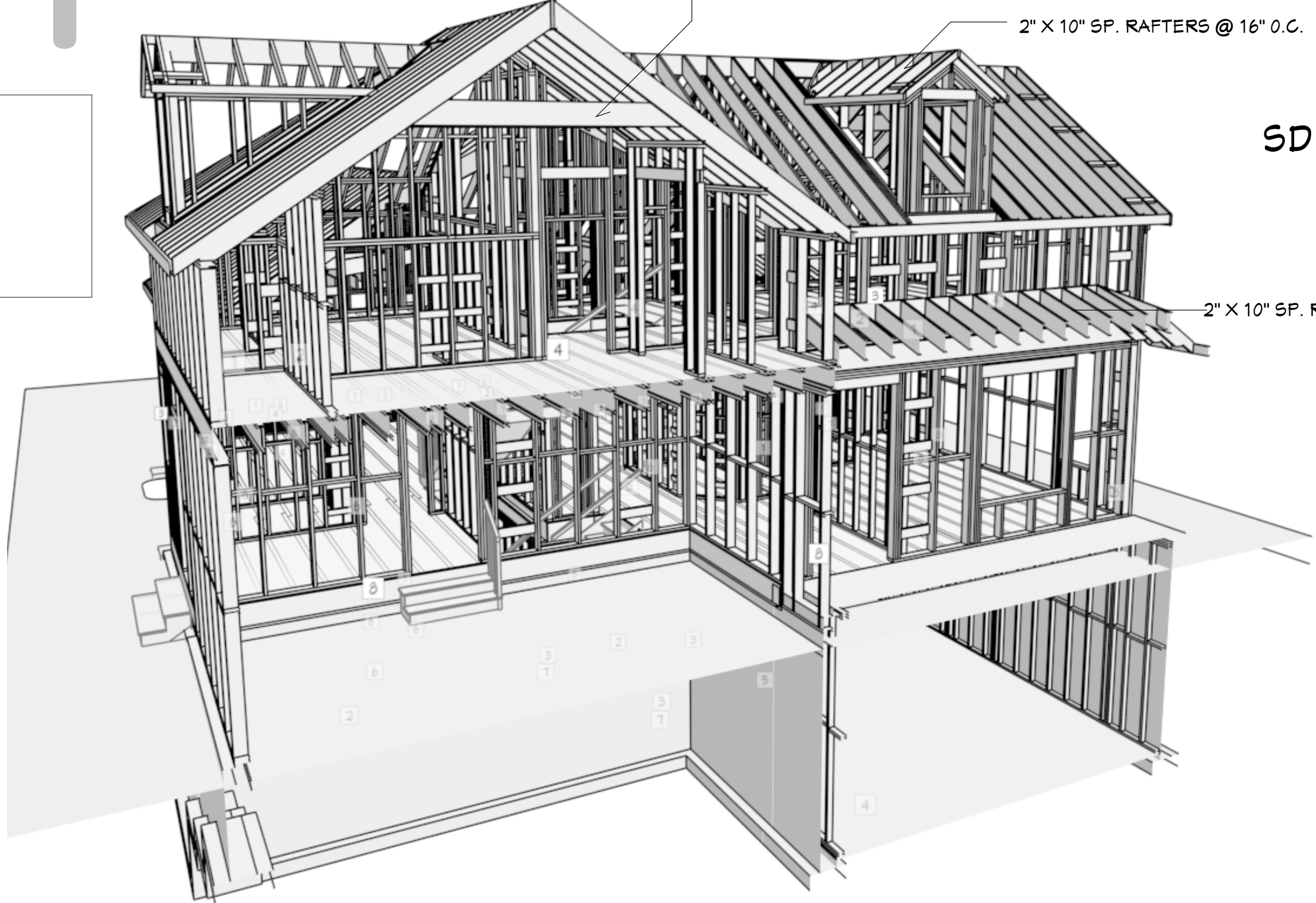
ALL TRUSSES SHALL CARRY MANUFACTURERS STAMP.
ALL TRUSSES SHALL BE INSTALLED & BRACED TO MANUFACTURERS SPECIFICATIONS.
ALL TRUSSES WILL NOT BE FIELD ALTERED WITHOUT PRIOR BUILDING DEPT. APPROVAL OF ENGINEERING CALCULATIONS.
ALL TRUSSES SHALL HAVE DESIGN DETAILS & DRAWINGS ON SITE FOR FRAMING INSPECTION.
NON BEARING WALLS SHOULD BE HELD DOWN FROM THE TRUSS BOTTOM CHORD W/ SIMPSON STC TO INSURE THAT THE TRUSS BOTTOM CHORD WILL NOT BEAR ON THE WALL.
ALL CONNECTIONS OF RAFTERS, JACK OR HIP TRUSSES TO MAIN GIRDER TO BE PROVIDED BY TRUSS MANUFACTURE.
ALL CONVENTIONAL ROOF FRAMING 16" O.C.
ROOF PITCH 8:12 REFER TO ELEVATIONS
TRUSSES MANUFACTURED BY ROOF TRUSSES AND COMPONENTS
ALL OVERHANGS 12"



TRUSS INSULATION DETAIL



SD RAFTER CONNECTORS



true north	const. north	
REVISION		
No.	Date	Description
project	12/25/2025	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.

3D NOT SCALE DRAWINGS.
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ADDRESS
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SASKATOON

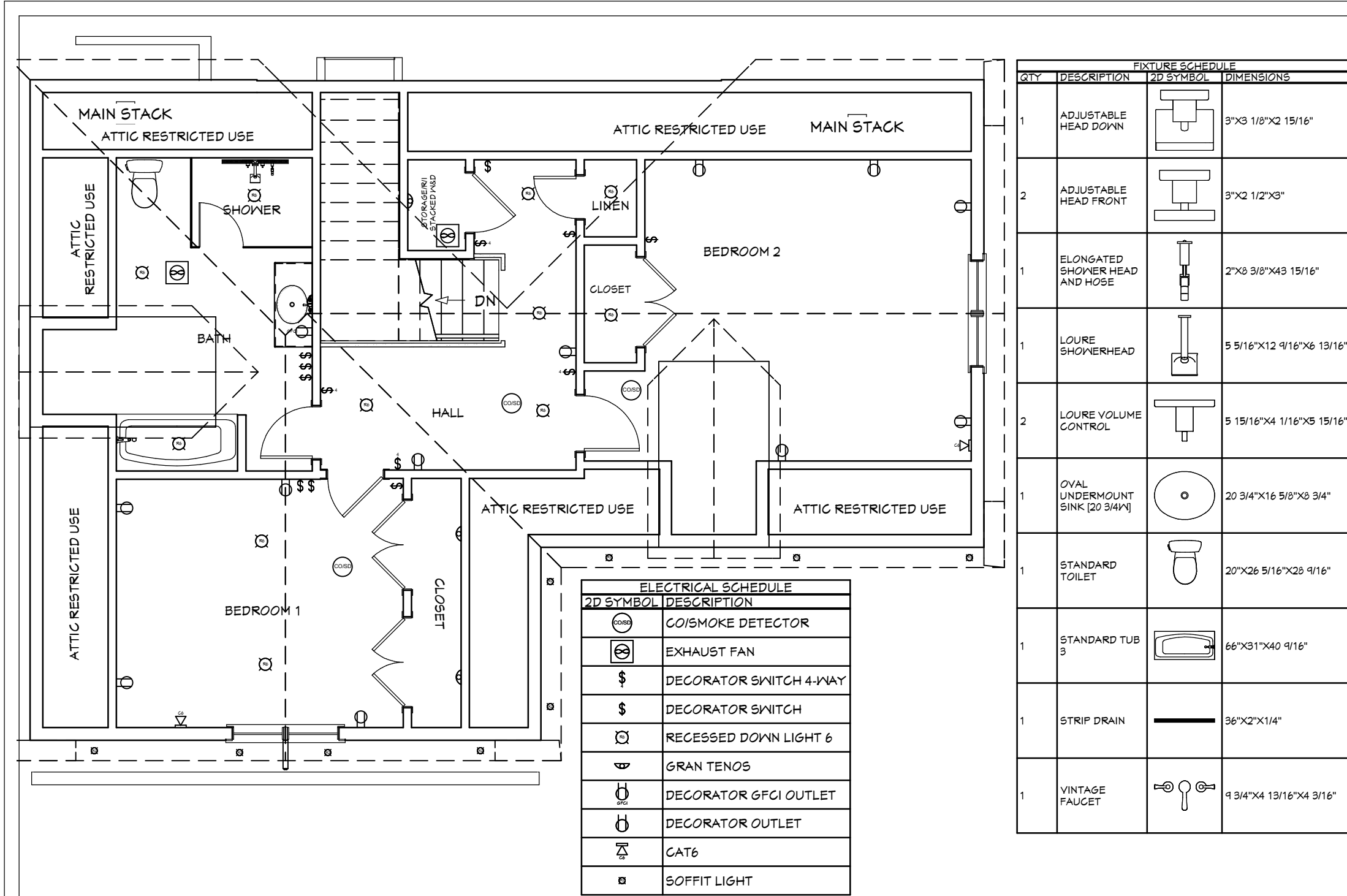
PROJECT
NEW SINGLE FAMILY
DWELLING
DESCRIPTION

DRAWING

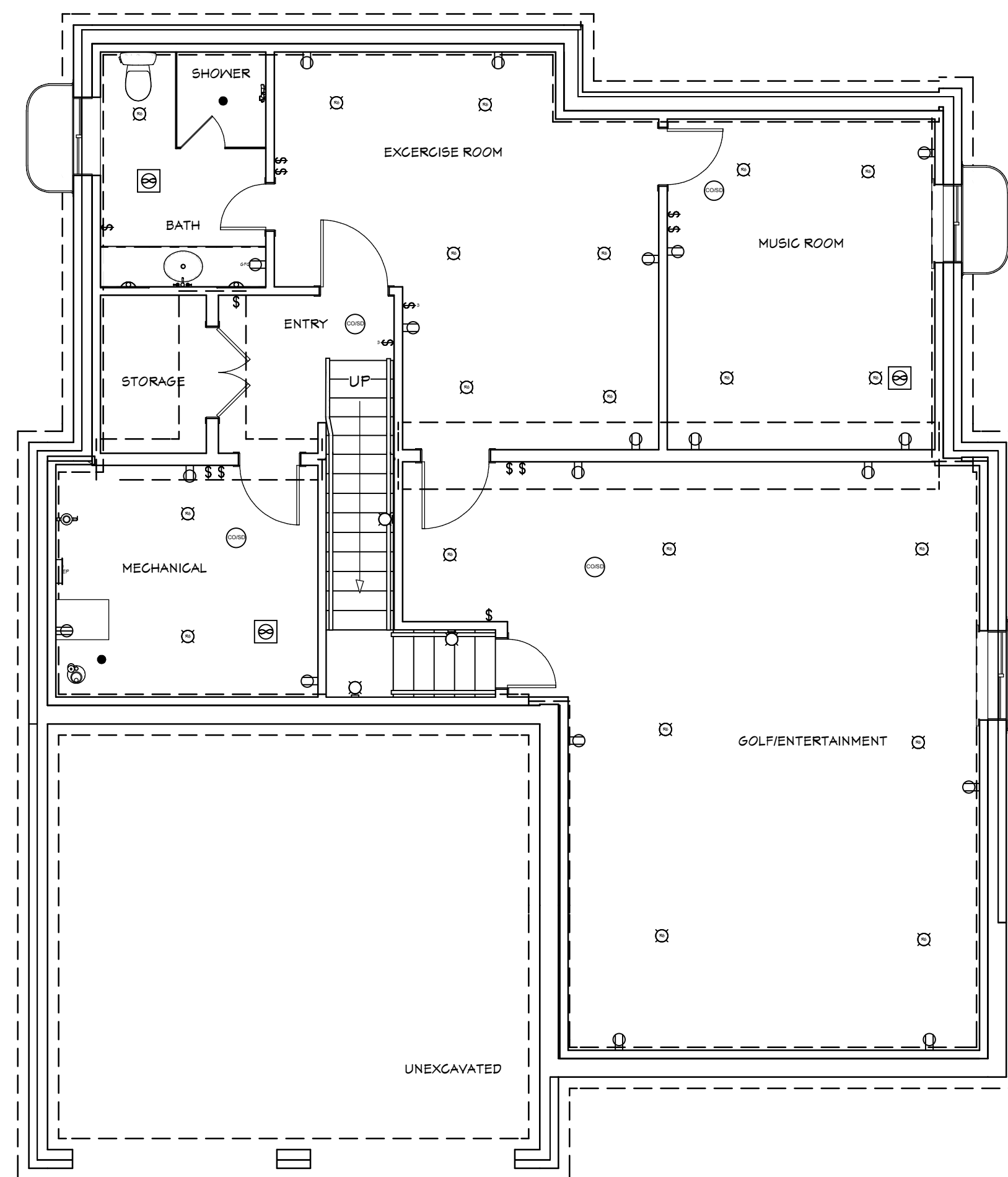
ROOF
FRAMING
PROJECT NO.

PLOT DATE: 12/25/2025

SCALE:
SHEET:



WIRING PLAN 2ND FLOOR 3/16"=1'-0"



WIRING PLAN BASEMENT 3/16"=1'-0"

QTY	DESCRIPTION	NO SYMBOL	DIMENSIONS
1	ADJUSTABLE HEAD DOWN		3'X3 1/8"X2 15/16"
2	ADJUSTABLE HEAD FRONT		3'X2 1/2"X3"
1	ELONGATED SHOWER HEAD AND HOSE		2'X3 3/8"X3 15/16"
1	LOURE SHOWERHEAD		5 5/16"X12 9/16"X6 13/16"
2	LOURE VOLUME CONTROL		5 15/16"X4 1/16"X3 15/16"
1	OVAL UNDERMOUNT SINK (20 3/4")		20 3/4"X18 5/8"X3 3/4"
1	STANDARD TOILET		20"X26 5/16"X23 9/16"
1	STANDARD TUB		66"X31"X40 9/16"
1	STRIP DRAIN		36"X2"X1/4"
1	VINTAGE FAUCET		8 3/4"X4 13/16"X4 3/16"

2D SYMBOL	DESCRIPTION
⊖	CO/SMOKE DETECTOR
⊕	EXHAUST FAN
⊕	DECORATOR SWITCH 4-WAY
⊕	DECORATOR SWITCH
⊕	RECESSED DOWN LIGHT 6
⊕	GRAN TENOS
⊕	DECORATOR GFCI OUTLET
⊕	DECORATOR OUTLET
⊕	CAT6
⊕	SOFFIT LIGHT

2D SYMBOL	DESCRIPTION	2D SYMBOL	DESCRIPTION
⊕	DECORATOR GFCI OUTLET	⊕	ASHMOORE WALL SCONCE
⊖	CO/SMOKE DETECTOR	⊕	EXHAUST FAN
⊕	EXHAUST FAN	⊖	CO/SMOKE DETECTOR
⊕	DECORATOR SWITCH	⊕	DECORATOR GFCI OUTLET
⊕	DECORATOR SWITCH 3-WAY	⊕	DECORATOR SWITCH 4-WAY
⊕	DECORATOR SWITCH	⊕	DECORATOR SWITCH
⊕	RECESSED DOWN LIGHT 6	⊕	GRAN TENOS
⊕	GRAN TENOS	⊕	RECESSED DOWN LIGHT 6
⊕	DECORATOR OUTLET	⊕	CAT6
⊕	220V RECEPTACLE	⊕	CLOTHES DRYER RECEPTACLE
⊕	ELECTRICAL PANEL - SURFACE MOUNTED	⊕	CLOTHES WASHER RECEPTACLE
⊕	MAIN STREET WALL SCONCE	⊕	DISHWASHER RECEPTACLE

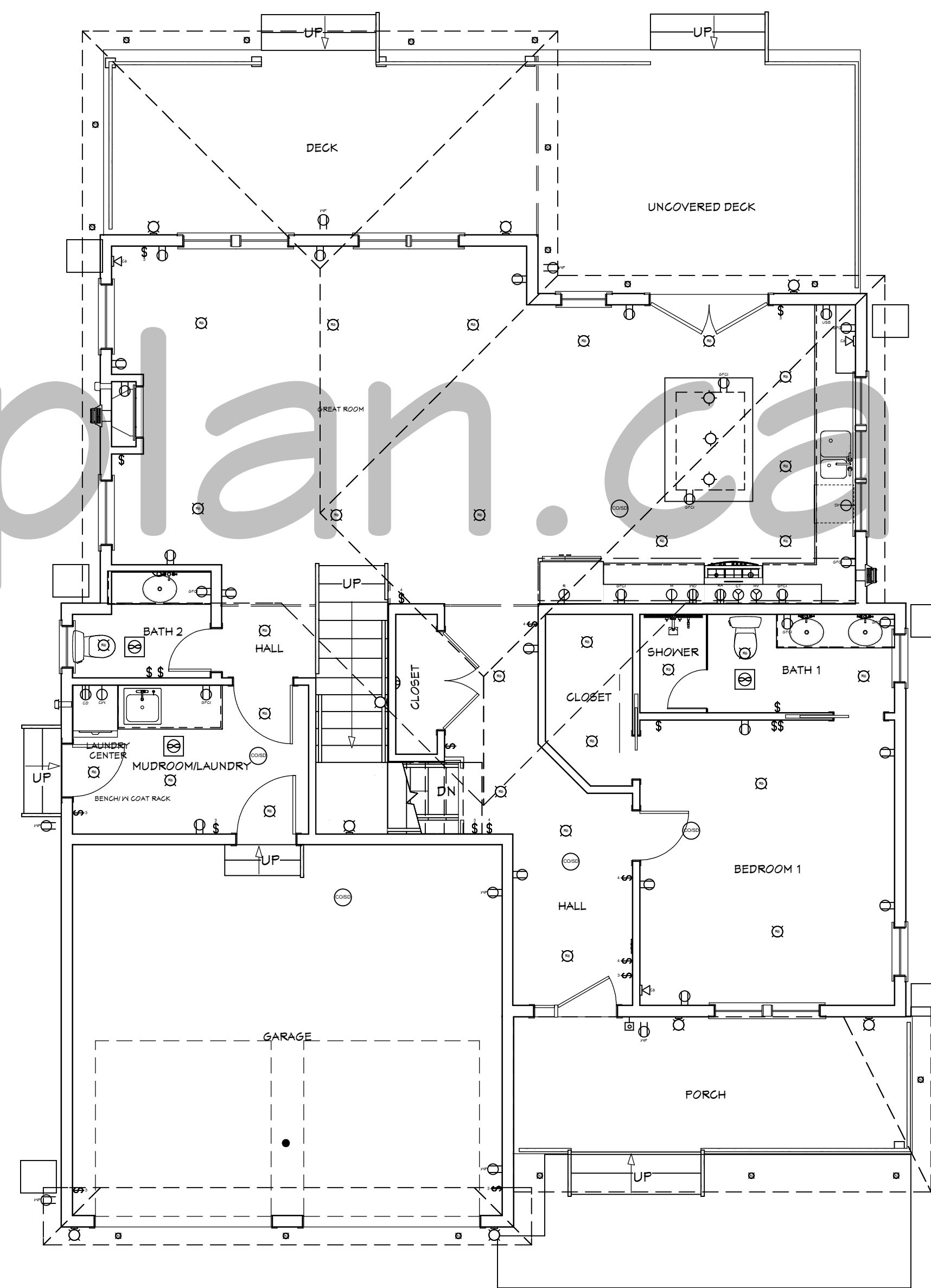
NUMBER	QTY	3D ELEVATION	DESCRIPTION
A19	1		OVAL UNDERMOUNT SINK (20 3/4")
A25	1		STANDARD TOILET
A33	1		VINTAGE FAUCET

QTY	DESCRIPTION	NO SYMBOL	DIMENSIONS
1	24" TV GAS LIFT/ON (22 1/2"X23 5/8")		22 1/2"X23 5/8"X76"
1	ROUND DRAIN		4 1/2"X4 1/2"X1 3/4"
1	SUMP PUMP		8 1/2"X10 1/16"X17"

9.10.19 SMOKE ALARMS CARBON MONOXIDE-9.32.3.9.
 (1) WITHIN DWELLING UNITS SUFFICIENT SMOKE ALARMS CONFORMING TO CAN/ULC-531 SHALL BE INSTALLED SO THAT (A) THERE IS AT LEAST ONE SMOKE ALARM ON EACH STOREY, INCLUDING BASEMENTS, AND (B) ON ANY STOREY OF A DWELLING UNIT CONTAINING SLEEPING ROOMS, A SMOKE ALARM IS INSTALLED, IN EACH SLEEPING ROOM, AND IN A LOCATION BETWEEN THE SLEEPING ROOMS AND THE REMAINDER OF THE STOREY, AND IF THE SLEEPING ROOMS ARE SERVED BY A HALLWAY, THE SMOKE ALARM SHALL BE LOCATED IN THE HALLWAY.
 (2) SMOKE ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT CONFORMING TO THE REQUIREMENTS IN 18.5.3. OF NFPA 72. THE VISUAL SIGNALING COMPONENT NEED NOT BE INTEGRATED WITH THE SMOKE ALARM PROVIDED IT IS INTERCONNECTED TO IT.
 INTERCONNECTED SMOKE ALARMS TO BE PERMANENTLY CONNECTED AND HAVE A BATTERY BACKUP

HOME OWNER SHALL DO A WALK-THRU WITH RELEVANT INSTALLERS TO VERIFY THE EXACT LOCATION FOR OUTLETS, LIGHTS, SWITCHES AND CABLE

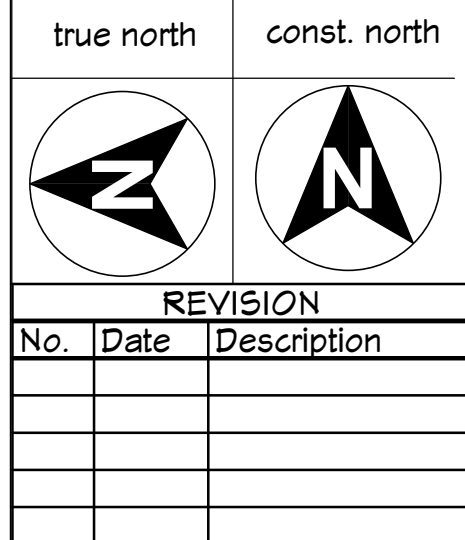
ELECTRICAL NOTES:
 ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS AND GARAGES SHALL BE ACCORDANCE TO ESA (Ontario Electrical Safety Code (OESC or "the Code"), which came into effect May 5, 2022. PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION. FINAL SWITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED WITH HOME OWNER. FIXTURES TO BE SELECTED BY HOME OWNER.



WIRING PLAN GROUND FLOOR 3/16"=1'-0"

QTY	DESCRIPTION	NO SYMBOL	DIMENSIONS
1	ADJUSTABLE HEAD DOWN		3'X3 1/8"X2 15/16"
2	ADJUSTABLE HEAD FRONT		3'X2 1/2"X3"
2	DIRECT VENT TERMINATION CAP		13 1/2"X12 1/16"X13 1/2"
1	DISHWASHER (INTEGRATED)		23 5/16"X1 15/16"X30 1/2"
1	ELONGATED SHOWER HEAD AND HOSE		2'X3 3/8"X3 15/16"
1	EXTERIOR VENT EXHAUST HOOD		5 15/16"X10 1/4"X4 15/16"
1	EXTERIOR VENT EXHAUST HOOD		5 1/8"X10 1/4"X4 7/8"
1	GAS STOVE INSERT ARCH		34"X15"X3 1/4"
1	ISLAND GAS RANGE		35 3/8"X26 1/8"X31 1/2"
1	LAUNDRY CENTER		21 1/4"X32"X1 3/4"
1	LOURE SHOWERHEAD		5 5/16"X12 9/16"X6 13/16"
2	LOURE VOLUME CONTROL		5 15/16"X4 1/16"X3 15/16"
1	OFFSET UNDERMOUNT SINK (24 5/8")		24 5/8"X14 3/4"X3 1/16"
3	OVAL UNDERMOUNT SINK (20 3/4")		20 3/4"X18 5/8"X3 3/4"
1	ROUND DRAIN		4 1/2"X4 1/2"X1 3/4"
1	SIDE-BY-SIDE REFRIGERATOR		36"X24"X66"
1	SINGLE BASIN SINK (22 1/2")		23"X22"X20 5/8"
2	STANDARD TOILET		20"X26 5/16"X23 9/16"
1	STRIP DRAIN		36"X2"X1/4"
1	VENT HOOD (MEDIUM)		35 1/8"X16"X3 15/16"
3	VINTAGE FAUCET		8 3/4"X4 13/16"X4 3/16"

2D SYMBOL	DESCRIPTION
⊕	ASHMOORE WALL SCONCE
⊕	EXHAUST FAN
⊖	CO/SMOKE DETECTOR
⊕	DECORATOR GFCI OUTLET
⊕	DECORATOR SWITCH 3-WAY
⊕	DECORATOR SWITCH 4-WAY
⊕	DECORATOR SWITCH
⊕	GRAN TENOS
⊕	RECESSED DOWN LIGHT 6
⊕	CAT6
⊕	CLOTHES DRYER RECEPTACLE
⊕	CLOTHES WASHER RECEPTACLE
⊕	DISHWASHER RECEPTACLE
⊕	ELECTRIC RANGE RECEPTACLE
⊕	ELECTRIC WALL OVEN RECEPTACLE
⊕	GAS COOKTOP RECEPTACLE
⊕	HOOD VENT RECEPTACLE
⊕	MICROWAVE RECEPTACLE
⊕	REFRIGERATOR RECEPTACLE
⊕	DUPLEX WEATHERPROOF RECEPTACLE
⊕	CAMERA DOORBELL
⊕	TOUCHSCREEN PANEL
⊕	DECORATOR OUTLET
⊕	MAIN STREET PENDANT
⊕	MAIN STREET WALL SCONCE
⊕	DECORATOR 2 USB CHARGER OUTLET
⊕	SOFFIT LIGHT



REVISION		
No.	Date	Description

project 12/25/2025 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.

ADDRESS
 INFILL CITY OF SASKATOON

PROJECT
 NEW SINGLE FAMILY DWELLING

DESCRIPTION
 DRAWING

PROJECT NO.
 PLOT DATE: 12/25/2025

SCALE:
 SHEET:

A-12

NAILING NOTES: (PER IRC TABLE 4.23.3.4

JOIST TO SILL OR GIRDER
BRIDGING TO JOIST
SOLE PLATE TO JOIST OR BLK'G
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" SPACER
TOP PLATES, LAPS AND INTERSECTIONS

FACE NAIL 16d @ 24" OC
FACE NAIL 16d @ 16" OC
16d @ 16" OC ALONG EA. EDGE
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

1. SLABS TO BE 30MPA, FOOTINGS AND FOUNDATION WALLS 25MPA,
2. FOUNDATIONS FOR COLUMNS AS PER STRUCTURAL DRAWINGS,
3. 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,
4. PROTECT CONCRETE FROM FROST OR PREMATURE MOISTURE LOSS,
5. FOUNDATION WALLS, FOOTINGS, AND SLABS AS PER DETAILS ON DRAWINGS,
6. CAST IN 5/8" BY 8" LONG ANCHOR BOLTS AT 6' O.C.,
7. REFER TO STRUCTURAL NOTES FOR DETAILED INFORMATION,

- 05120 STRUCTURAL STEEL
1. PROVIDE ENGINEERED SHOP DRAWINGS FOR STRUCTURAL STEEL MEMBERS WITH P.ENG STAMP,
2. ALL STEEL TO BE SHOP PRIMED, ALL JOINTS TO BE WELDED,
3. GROUT BELOW ALL BEAM POCKETS WITH 30MPA DRY PACK NO-SHRINK GROUT,
4. PROVIDE STEEL MEMBERS AS INDICATED,
5. REFER TO STRUCTURAL NOTES FOR DETAILED INFORMATION,

- 06100 ROUGH CARPENTRY
1. ALL LUMBER TO BE NO. 1 AND 2 SPF, FSC CERTIFIED.
2. SUB-FLOORING TO BE 5/8" T&G PLYWOOD GLUED AND SCREWED TO JOISTS, UNLESS OTHERWISE NOTED.
3. TYPICAL WOOD FRAMED CONSTRUCTION FOR NEW WALLS & ROOFS.
4. PROVIDE ENGINEERED SHOP DRAWINGS WITH P. ENG STAMP FOR ALL PRE-ENGINEERED PRODUCTS.
5. LINTELS AND COLUMNS AS PER SCHEDULES AND MANUFACTURERS' RECOMMENDATIONS,
6. SILL PLATES TO BE PRESSURE TREATED WOOD ON FOAM GASKETS ANCHORED TO FOUNDATION WALLS,
7. PROVIDE TYVEK AIR BARRIER, TAPED AND SEALED,
8. PROVIDE 6 MIL POLY AT INTERIOR SURFACES, TAPED AND SEALED, PROVIDE CONTINUOUS VAPOUR BARRIER AROUND SILL PLATES AND HEADERS,
9. REFER TO STRUCTURAL NOTES FOR DETAILED INFORMATION,

- 06400 MILLWORK
1. MILLWORK FOR KITCHEN AND BATHROOMS PROVIDED BY OWNER, INSTALLED BY GC.
2. 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:

- 1) 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
- 2) 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" X 6" 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 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.

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 4.23.3.4 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)

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

true north	const. north	
REVISION		
No.	Date	Description

project
12/25/2025 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.

25% NOT SCALE DRAWINGS.
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ADDRESS

INFILL
CITY OF
SASKATOON

PROJECT

NEW SINGLE FAMILY DWELLING

DESCRIPTION

CONSTR. DETAILS

DRAWING

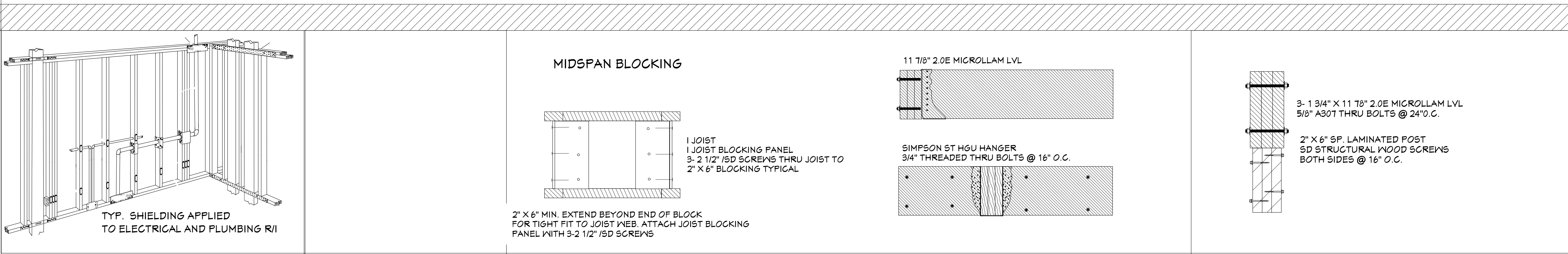
PROJECT NO.

PLOT DATE: 12/25/2025

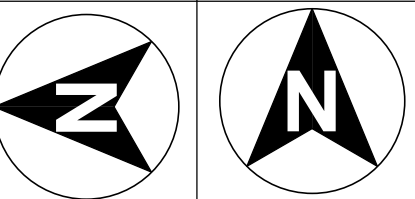
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true north const. north



REVISION		
No.	Date	Description

project
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PROJECT
NEW SINGLE FAMILY
DWELLING
DESCRIPTION
DRAWING

PROJECT NO.
PLOT DATE: 12/25/2025

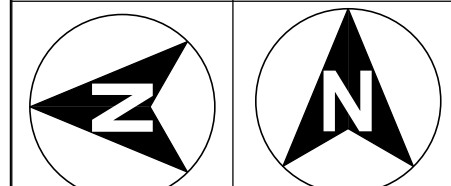
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BASEMENT							GROUND FLOOR							SECOND FLOOR									
DOOR ELEVATION	NUMBER	LABEL	QTY	FLOOR	SIZE	DESCRIPTION	DOOR ELEVATION	NUMBER	LABEL	QTY	FLOOR	SIZE	DESCRIPTION	DOOR ELEVATION	NUMBER	LABEL	QTY	FLOOR	SIZE	DESCRIPTION			
	D01	2052	1	0	2052 L	24"x61 1/2"	SHOWER-GLASS SLAB		D02	2052	1	1	2052 L	24"x61 1/2"	SHOWER-GLASS SLAB		D01	1110	1	2	1110 R IN	24 15/16"x56 1/2"	HINGED-TS1000
	D02	2000	1	0	2000 L IN	26 1/2"x96 1/2"	HINGED-TS1000		D03	2280	1	1	2280 L	59 1/4"x96 1/2"	POCKET-PANEL		D02	2052	1	2	2052 L	24"x61 1/2"	SHOWER-GLASS SLAB
	D03	2268	1	0	2268 R IN	29"x62 1/2"	HINGED-TS1000		D04	2280	1	1	2280 L IN	29"x96 1/2"	HINGED-PANEL		D03	2410	1	2	2410 L IN	30"x66 1/2"	HINGED-TS1000
	D04	2680	1	0	2680 L IN	32"x96 1/2"	HINGED-TS1000		D05	2680	1	1	2680 L	61 1/4"x96 1/2"	POCKET-PANEL		D04	2610	2	2	2610 R IN	32"x66 1/2"	HINGED-TS1000
	D05	2680	1	0	2680 L IN	34"x96 1/2"	HINGED-TS1000		D06	2680	1	1	2680 L IN	32"x96 1/2"	HINGED-PANEL		D05	2610	1	2	2610 L IN	34"x66 1/2"	HINGED-TS1000
	D06	3080	1	0	3080 R IN	38"x96 1/2"	HINGED-TS1000		D07	3070	1	1	3070 R EX	38"x96"	EXT. HINGED-DOOR E21		D01	4070	3	2	4070 L/R IN	50"x66 1/2"	DOUBLE HINGED-PANEL
	D07	4080	1	0	4080 L/R IN	50"x96 1/2"	DOUBLE HINGED-TS1000		D08	2910	1	1	2910 L EX	34"x96"	EXT. HINGED-DOOR E21								
	D08	3080	1	0	3080 L IN	38"x96 1/2"	HINGED-TS1000		D09	3080	1	1	3080 L EX	38"x96"	EXT. HINGED-GLASS PANEL								
	D09	2688	1	0	2688 L IN	32"x62 1/2"	HINGED-TS1000		D10	3080	1	1	3080 L IN	38"x96 1/2"	HINGED-PANEL								
	D10	2688	1	0	2688 R IN	32"x62 1/2"	HINGED-TS1000		D11	5070	1	1	5070 L/R IN	62"x66 1/2"	DOUBLE HINGED-PANEL								
									D12	6080	1	1	6080 L/R EX	74"x96"	EXT. DOUBLE HINGED-GLASS PANEL								
									D13	4040	1	1	4040	110"x111"	GARAGE-GARAGE DOOR CHD8								
									D14	4040	1	1	4040	110"x111"	GARAGE-GARAGE DOOR CHD8								

DOOR SCHEDULE

**GROUND FLOOR
REFER TO SEALED ROOF
DRAWINGS
PROVIDED BY SUPPLIER**

true north const. north

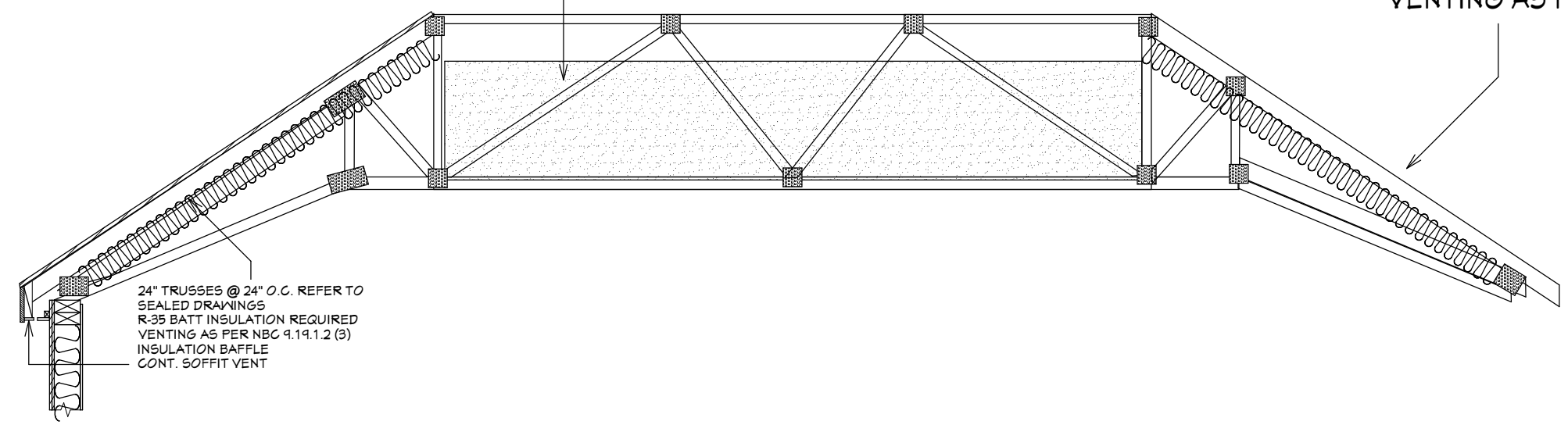


REVISION		
No.	Date	Description

project
12/25/2025 issue for permit

CAN/ULC-S705.1
REQUIRED VENTING AS PER NBC 9.19.1.2 (3)
VAPOUR BARRIER
1/2" GYPSUM @ CEILING LEVEL

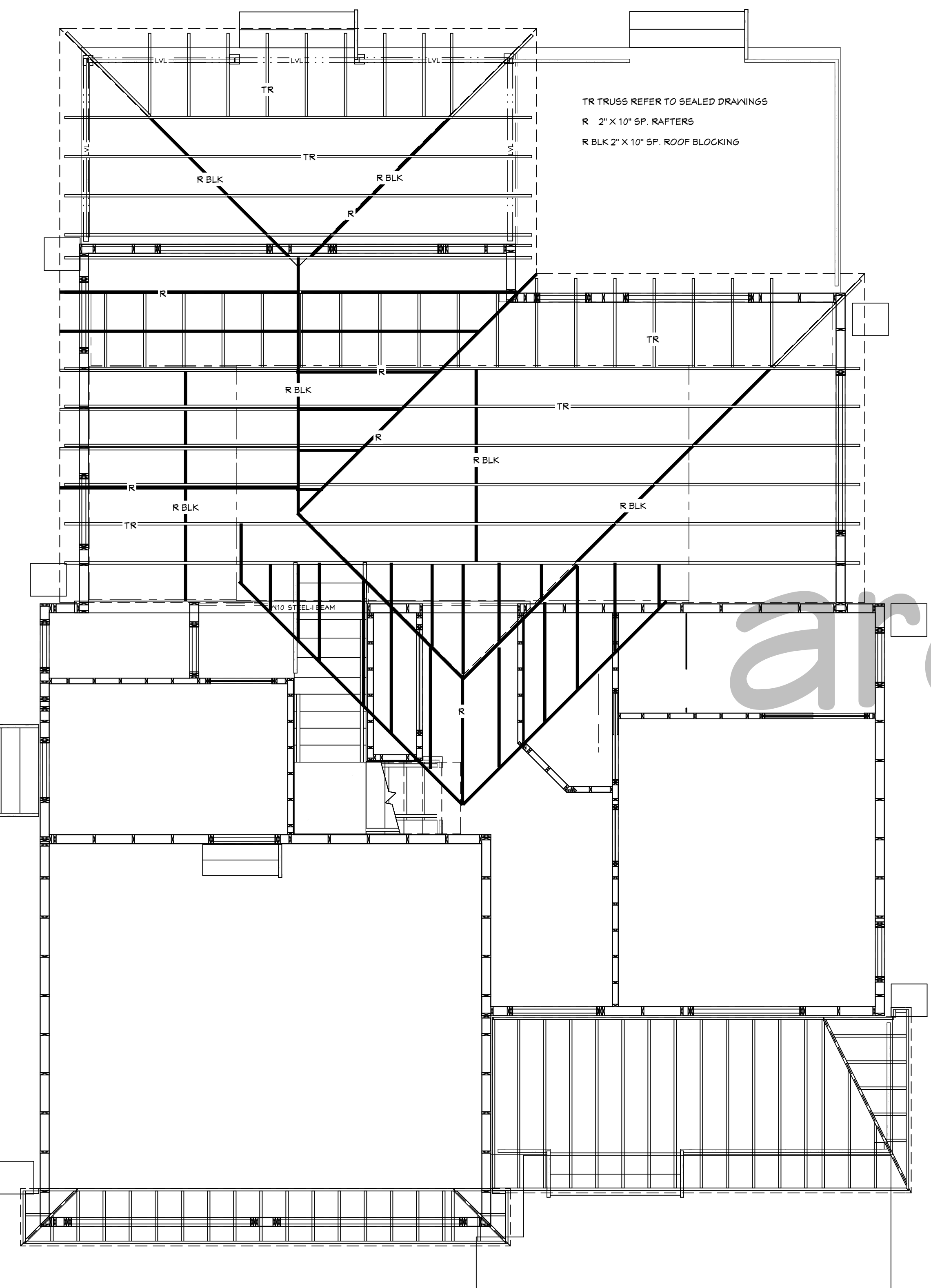
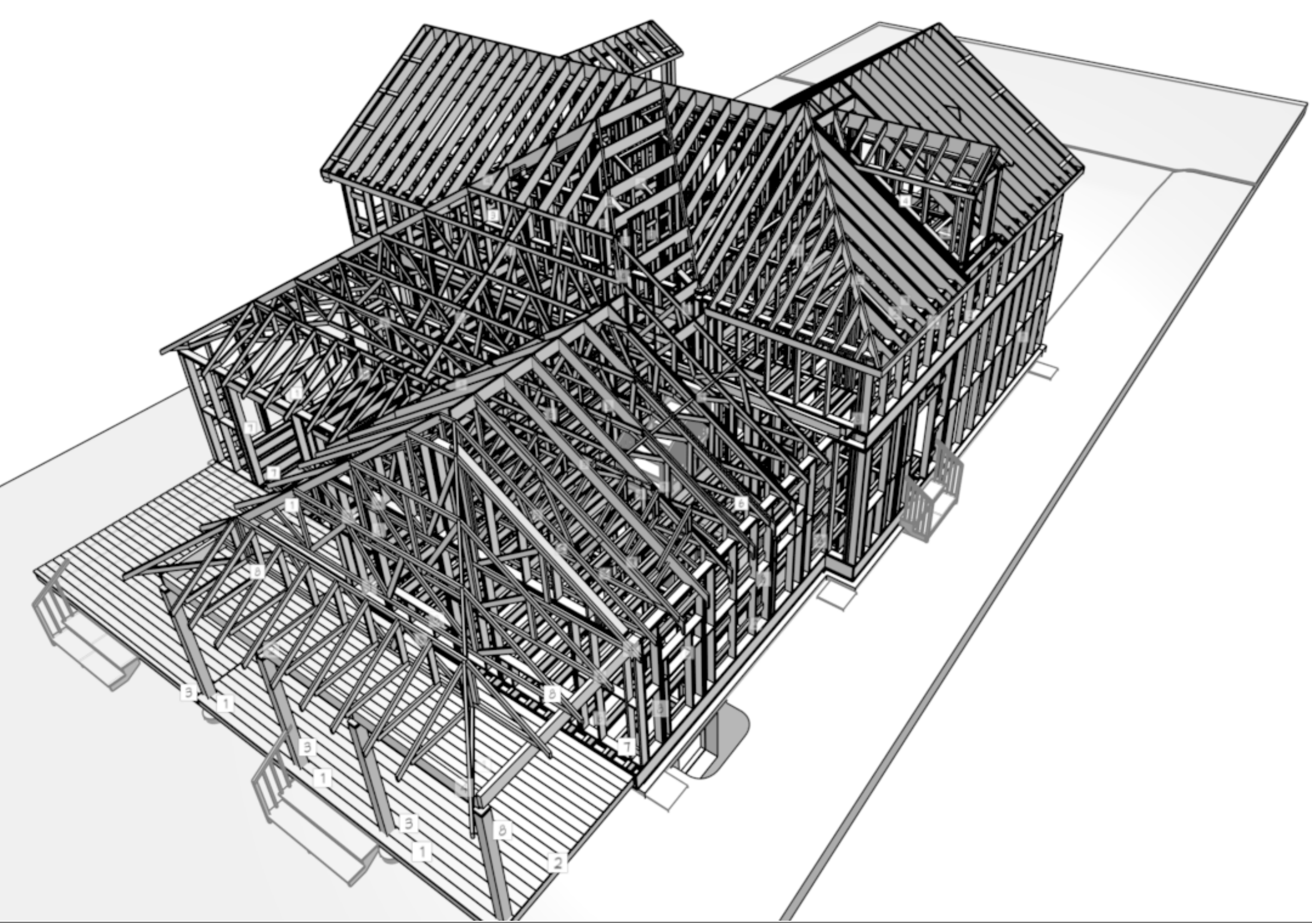
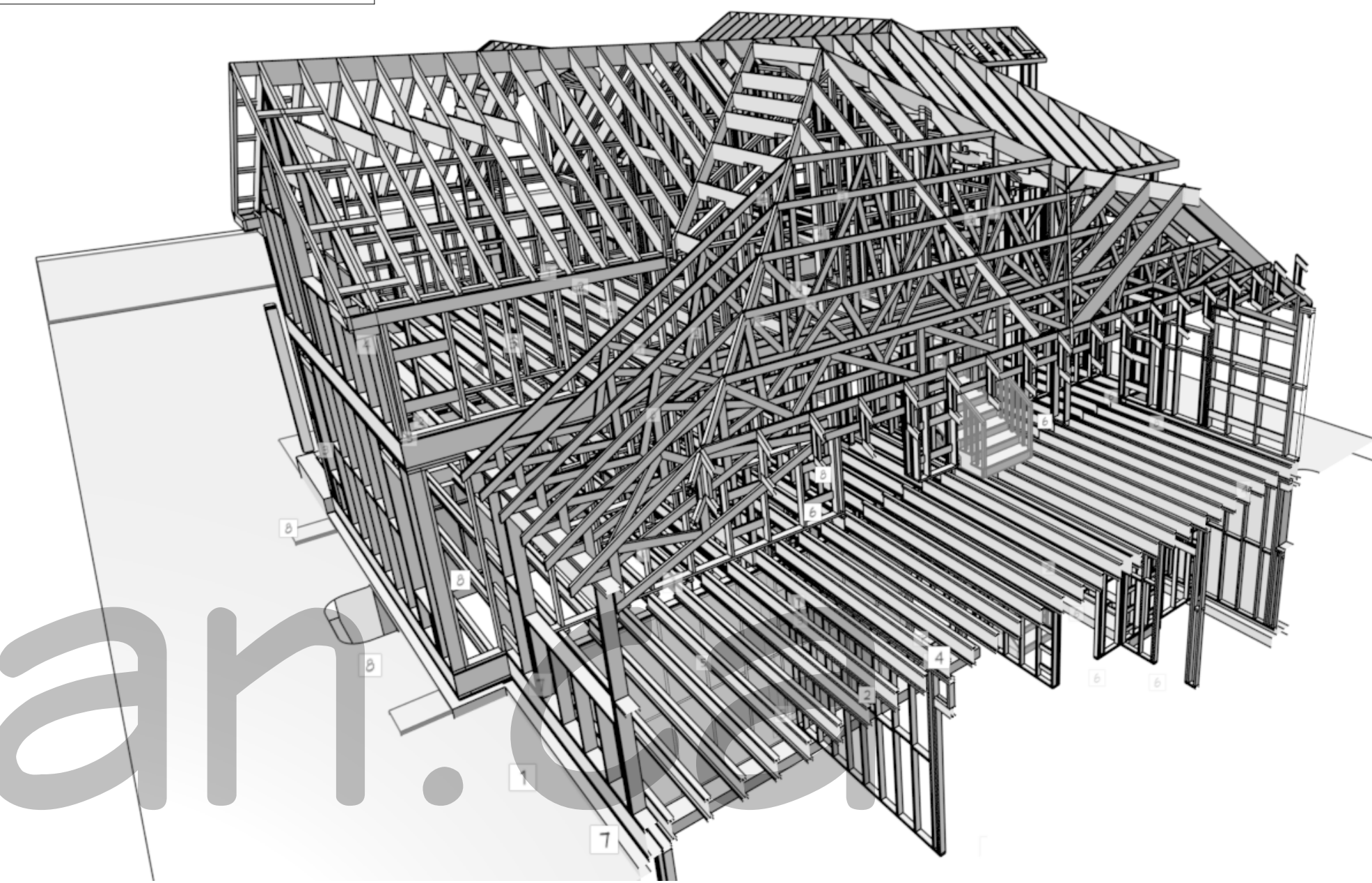
ASPHALT SHINGLES
ROOF MEMBRANE ENTIRE AREA
1/2" PLYWOOD DECK
24" TRUSSES @ 24" O.C. REFER TO
SEALED DRAWINGS
R-35 BATT INSULATION REQUIRED
VENTING AS PER NBC 9.19.1.2 (3)



24" TRUSSES @ 24" O.C. REFER TO
SEALED DRAWINGS
R-35 BATT INSULATION REQUIRED
VENTING AS PER NBC 9.19.1.2 (3)
INSULATION BAFFLE
CONT. SOFFIT VENT

TR TRUSS REFER TO SEALED DRAWINGS
R 2" X 10" SP. RAFTERS
R BLK 2" X 10" SP. ROOF BLOCKING

TRUSS INSULATION DETAIL



TRUSS LAYOUT GROUND FLR 1/4"=1'-0"

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PROJECT
NEW SINGLE FAMILY
DWELLING
DESCRIPTION
DRAWING

PROJECT NO.
PLOT DATE: 12/25/2025

SCALE:
SHEET:
A-15



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true north	const. north	
REVISION		
No.	Date	Description

project
12/25/2025 issue for permit

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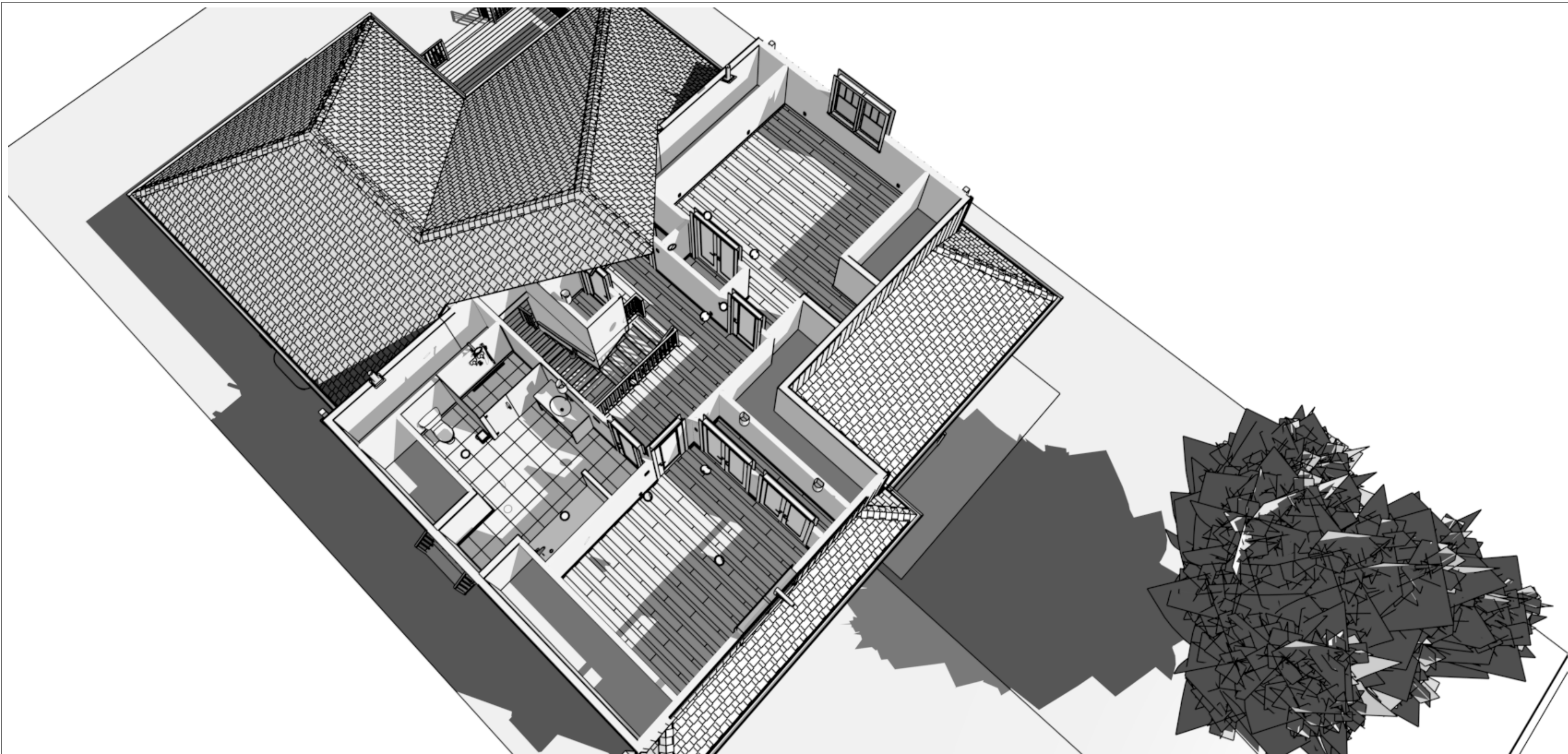
PROJECT DESCRIPTION
NEW SINGLE FAMILY DWELLING

DRAWING

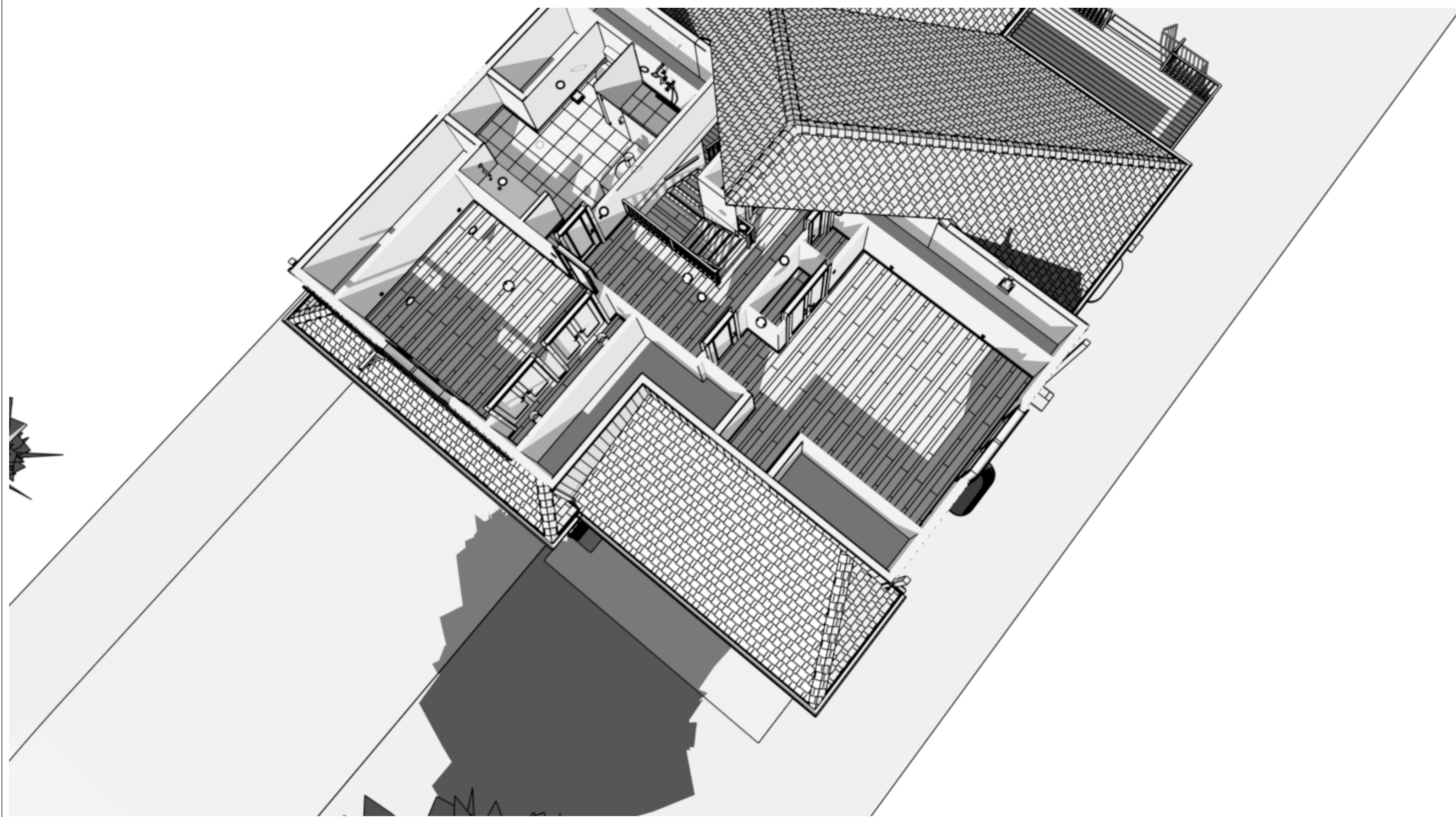
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PLOT DATE: 12/25/2025

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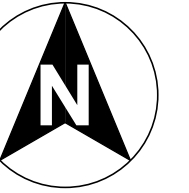
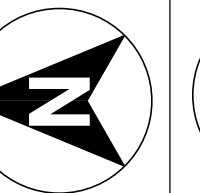
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true north const. north



REVISION		
No.	Date	Description

project
12/25/2025 issue for permit

CHAPTER 9 OF THE STATUTES OF SASKATCHEWAN, 2021
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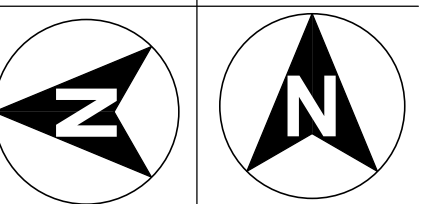
SCALE:
SHEET:

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true north const. north



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PROJECT
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DWELLING
DESCRIPTION
DRAWING

PROJECT NO.
PLOT DATE: 12/25/2025

SCALE:
SHEET:
A-18