

General Notes and Specifications

MISCELLANEOUS NOTES:

PROFESSIONAL INVOLVEMENT.

- THE FOLLOWING PROJECT MAY NEED TO BE DESIGNED BY A PROFESSIONAL ENGINEER OR ARCHITECT, REGISTERED TO PRACTICE IN THE PROVINCE OF ALBERTA UPON THE DETERMINATION OF THE LOCAL BUILDING AUTHORITY AND SECTION 2.4 OF THE NATIONAL BUILDING CODE 2023 - ALBERTA EDITION

NOTE:

-DO NOT SCALE DRAWINGS

-ALL FLOOR PLAN DIMENSIONS ARE TO FACE OF STUDS

-ALL CONSTRUCTION SHALL CONFORM TO THE NEW HOME CONSTRUCTION PART OF THE LOCAL BUILDING CODE AND ANY OTHER CODES AND REQUIREMENTS

-ALL DIMENSIONS AND SPECIFICATIONS MUST BE CHECKED AND VERIFIED BY CONTRACTOR AND/OR OWNER BEFORE ANY CONSTRUCTION STARTS. ANY CORRECTIONS AND/OR OMISSIONS MUST BE REPORTED TO PLP DESIGN BEFORE CONSTRUCTION STARTS

- CONTRACTOR IS TO ENSURE ALL POSTS AND BEARING POINTS ARE PROPERLY PLACED ACCORDING TO ALL FLOOR JOISTS & ROOF TRUSS LAYOUTS SUPPLIED BY THE FLOOR AND TRUSS SUPPLIERS -ALL BEAMS, POSTS, FOOTINGS, AND ANY OTHER STRUCTURAL COMPONENT INVOLVED IN THIS PROJECT ARE SUGGESTED ONLY AND ARE TO BE CHECKED AND VERIFIED BY A LOCAL BUILDING AUTHORITY AND/OR A STRUCTURAL ENGINEER REGISTERED IN YOUR LOCAL BUILDING AREA

-ALL WINDOWS AND DOORS SHOWN ARE SHOWN IN APPROXIMATE FRAME SIZES ONLY. ACTUAL ROUGH OPENINGS WILL VARY DEPENDING ON SUPPLIER. CONSULT SUPPLIERS ROUGH OPENINGS FOR EXACT FRAMING REQUIREMENTS

-THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH THE NATIONAL BUILDING CODE 2023 - ALBERTA EDITION AND ALL ADDITIONAL PROVINCIAL 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 PROVINCIAL 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. CONTRACTOR SHALL CONTACT THIS OFFICE WITH ANY DISCREPANCIES.

-THIS OFFICE 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 CONSTRUCTION DOCUMENTS AND DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THIS OFFICE BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK.

DESIGN CRITERIA: THE NATIONAL BUILDING CODE 2023 - ALBERTA EDITION
ROOF: SNOW LOAD TO BE VERIFIED BY TRUSS SUPPLIER
10 PSF DEAD LOAD,
FLOOR: 40 PSF LIVE LOAD,
10 PSF DEAD LOAD,
SOIL: 2,000 PSF ALLOWABLE (ASSUMED), TO BE AT TIME OF EXCAVATION
ASSUMED FROST DEPTH: 4'-0"(1.2M) ZONE 6 & ZONE 7A, 6'-6"3/4" (2.0M) ZONE 7B

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

-INSTALL 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.

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

-ALL STRUCTURAL FRAMING SHALL CONFORM TO 9.23 WOOD FRAME CONSTRUCTION THE NATIONAL BUILDING CODE 2023 - ALBERTA EDITION

-ENSURE FINISHED GRADE SLOPE AWAY FROM STRUCTURE AT MIN 2% SLOPE

RESISTANCE TO FORCED ENTRY

ALL WINDOWS WITHIN 2m (6'-7") OF ADJACENT GROUND LEVEL AND ALL ENTRANCE DOORS TO DWELLING UNITS ARE TO BE RESISTANT TO FORCED ENTRY AS PER ABC 2014, DIV. B PART 9.7.5.3

WINDOW PERFORMANCE

RATINGS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING CODE 2019 - ALBERTA EDITION, DIV. B PART 9.7.2 & 9.7.4 TO BE PROVIDED BY WINDOW SUPPLIER

MAX. U-VALUE/ MIN TEMPERATURE INDEX (1) BASED ON 2.5% JANUARY DESIGN TEMPERATURE
CONSULT REGULATIONS FOR YOUR CLIMATIC ZONE

THE FOLLOWING MINIMUM PERFORMANCE REQUIREMENTS ARE BASED ON
A44051-09
WITH UPDATE NO. 1 (CANADIAN SUPPLEMENT TO NAFS-08)

TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S AND/OR BUILDERS SPECIFICATIONS AND ANY CHANGES MADE ON THEM AFTER PRINTS ARE MADE WILL BE DONE AT THE OWNERS AND/OR BUILDERS EXPENSE AND RESPONSIBILITY.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENCLOSED DRAWINGS.

PLP DESIGN IS NOT LIABLE FOR ERRORS ONCE CONSTRUCTION HAS BEGUN

WHILE EVERY EFFORT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE DESIGNER CAN NOT GUARANTEE AGAINST HUMAN ERROR.

THE CONTRACTOR OF THE JOB MUST CHECK AND DIMENSIONS AND OTHER DETAILS PRIOR TO CONSTRUCTION AND BE SOLELY RESPONSIBLE THEREAFTER.

FLOOR AND ROOF SYSTEMS.

- ALL PRE MANUFACTURED FLOOR SYSTEMS INCLUDING BEAMS, FLOOR JOISTS, OR ANY OTHER COMPONENT IN THE FLOOR MUST BE ENGINEERED BY SUPPLIER.
- ALL ROOF TRUSSES MUST BE DESIGNED AND ENGINEERED BY A PROFESSIONAL ENGINEER REGISTERED IN THE LOCAL BUILDING AREA
- ANY OTHER STRUCTURAL COMPONENTS REQUIRED MUST BE CHECKED AND VERIFIED BY LOCAL BUILDING AUTHORITY AND/OR STRUCTURAL ENGINEER REGISTERED IN THE LOCAL BUILDING AREA, AND ANY CHANGES REQUIRED MUST BE REPORTED TO THIS OFFICE

IT IS THE RESPONSIBILITY OF THE FLOOR JOIST AND ROOF TRUSS DESIGNER TO CONFIRM ALL OVER HANGS, ROOF SLOPES AND GENERAL ROOF AND FLOOR DESIGN AGAINST THE MOST CURRENT SET OF BUILDING PERMIT PLANS PRIOR TO ANY FACTORY PRODUCTION.
IT IS THE RESPONSIBILITY OF THE ROOF AND FLOOR SUPPLIERS DESIGNERS TO CONTACT THE PROJECT DESIGNER WITH ANY QUESTIONS OR CONCERNS PRIOR TO FACTORY PRODUCTION COMMENCING.

FLOOR JOISTS AND PRE-MANUFACTURED BEAMS OTHER THAN DIMENSIONAL LUMBER ARE TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND DETAILS

PROFESSIONAL INVOLVEMENT.

-THE FOLLOWING CONCRETE FOUNDATIONS ARE TO BE DESIGNED BY A PROFESSIONAL ENGINEER OR ARCHITECT, REGISTERED TO PRACTICE IN THE PROVINCE OF ALBERTA, PILE FOUNDATIONS, PILE AND GRADE BEAM FOUNDATIONS, FOUNDATIONS WITH A DEPTH OF LESS THAN 1.2 M (4'), AND COMPLICATED FOUNDATIONS DEEMED NECESSARY BY THE BUILDING SAFETY OFFICER.

FOUNDATION AND FLOOR SLABS.

- FOUNDATIONS ARE TO BE PLACED ON SOIL WITH A MINIMUM BEARING CAPACITY OF 75 KPA. THE FOOTINGS ARE TO BE DESIGNED BY THE OWNER MUST PROVIDE A COPY OF THE BEARING CERTIFICATE FROM THE GEO-TECHNICAL ENGINEER WHEN REQUESTING THE INSPECTION OF THE FOUNDATION.
- FOUNDATIONS THAT ARE FINISHED OR HAVE LIMITED EXPOSURE TO HEAT, SUCH AS ATTACHED GARAGES AND COLUMN PADS FOR DECKS ARE TO BE A MINIMUM OF 1.2M OR 2M BELOW FINISHED GRADE AS REQUIRED BASED ON BUILDING ZONE.
- EXCAVATIONS AND FOUNDATIONS SHALL BE KEPT FREE FROM WATER AND SHALL BE HEATED AS NECESSARY TO PREVENT THE FREEZING OF SOILS BENEATH FOUNDATIONS.
- WHEN A CONCRETE FOUNDATION IS BEING POURED AND THE TEMPERATURE IS BELOW 5°C THE FOUNDATION MUST BE KEPT AT 10°C FOR MINIMUM 72 HOURS, NO EXCEPTIONS.
- SOFFIT PROTECTION IS REQUIRED WHERE EAVES ARE NEARER THAN 1.2 METERS TO PROPERTY LINE. MAY BE ACHIEVED BY INSTALLING UNVENTED SOFFIT OR BY INSTALLING 1/2" DRYWALL OR PLYWOOD OR .38MM SHEET STEEL UNDER SOFFIT.
- EXTRA ATTIC VENTILATION MAY BE REQUIRED. ENSURE THE 1500 VENTILATION AREA TO ROOF AREA IS MAINTAINED.
- INTERIOR OF ATTACHED GARAGE IS TO BE FINISHED AS PER 9.35.4.1. (TYPICALLY ELECTRICAL INSTALLATION, INSULATION, 6M POLY. & 1/2" DRYWALL).
- MINIMUM 34" X 34" LANDING REQUIRED IN ATTACHED GARAGE AT PASSAGE DOOR INTO HOUSE IF MORE THAN THREE RISERS AND STAIRS WITH GRASP-ABLE HANDRAIL SHALL BE PROVIDED. ALBERTA BUILDING CODE 2014 SECTIONS 9.8.6.2.4, 9.8.7.1.3

-ANY EXCAVATION FOR FOUNDATIONS IS TO EXTEND TO UNDISTURBED SOIL AND BELOW THE DEPTH OF FROST PENETRATION MINIMUM OF 1.2 M (4') OR 2.0M (6'-3/4") AS REQUIRED BY BUILDING ZONE.

-THE CONSTRUCTION OF ICF (INSULATED CONCRETE FORM) FOUNDATION AND WALLS MUST CONFORM TO THE NATIONAL BUILDING CODE 2023 - ALBERTA EDITION AND TO THE FOLLOWING CONDITIONS:
-MUST MEET REQUIREMENTS OF CCMC EVALUATION
-REPORT AND USED IN ACCORDANCE WITH LIMITATIONS AND CONDITIONS STATED IN THIS REPORT.

-MUST BE ERRECTED UNDER DIRECT SUPERVISION OF THE MANUFACTURER OR BY A CERTIFIED INSTALLER.

-MUST BE IN STRICT COMPLIANCE WITH THE MANUFACTURER'S TECHNICAL MANUAL.

-MUST BE PROTECTED FROM THE INSIDE BY A THERMAL BARRIER, I.E. 1/2" DRYWALL.

-FOUNDATION WALL CONTAINING OPENINGS MORE THAN 1.2 M LONG OR CONTAINING OPENINGS IN MORE THAN 25% OF ITS LENGTH, THAT PORTION OF THE WALL BENEATH SUCH OPENINGS SHALL BE CONSIDERED LATEROALLY UNSUPPORTED, UNLESS THE WALL AROUND THE OPENING IS REINFORCED TO WITHSTAND THE EARTH PRESSURE.

-WHEN THE LENGTH OF SOLID WALL BETWEEN WINDOWS IS LESS THAN THE AVERAGE LENGTH OF THE WINDOWS, THE COMBINED LENGTH OF SUCH WINDOWS SHALL BE CONSIDERED AS A SINGLE OPENING FOR THE PURPOSE OF DETERMINING IF A WALL IS LATEROALLY UNSUPPORTED.

-FOUNDATION WALLS ARE TO BE REINFORCED WHERE STAIR WELLS ARE ADJACENT TO STAIR OPENINGS AND ARE NOT LATEROALLY SUPPORTED.

-FOOTINGS ARE TO REST ON UNDISTURBED SOIL, ROCK, OR COMPACTED GRANULAR FILL.

-SULPHATE RESISTING CEMENT IS TO BE USED FOR CONCRETE IN CONTACT WITH SULPHATE SOILS DELETERIOUS TO NORMAL CEMENT.

-SULPHATE RESISTANT CONCRETE IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 32 MPa (2,175 PSI).

-WHERE A FOUNDATION RESTS ON GRAVEL, SAND OR SILT IN WHICH THE WATER TABLE IS LESS THAN THE WIDTH OF THE FOOTINGS BELOW THE BEARING SURFACE, THE FOOTING IS TO BE NOT LESS THAN TWICE THE WIDTH NORMALLY REQUIRED.

-IN AREAS WHICH SOIL MOVEMENT CAUSED BY CHANGES IN SOIL MOISTURE CONTENT IS KNOWN TO OCCUR TO THE EXTENT THAT IT MAY CAUSE SIGNIFICANT DAMAGE TO A BUILDING, MEASURES ARE TO BE TAKEN TO MINIMIZE THIS EFFECT.

WHEN A FOUNDATION IS LOCATED IN AN AREA WHERE SOIL MOVEMENT CAUSED BY CHANGES IN SOIL BY CHEMICAL-MICROBIOLOGICAL OXIDATION (PYRITE OR BENTONITE MATERIAL) IS KNOWN TO OCCUR, A SUBSURFACE INVESTIGATION SHALL BE CARRIED OUT AND SUBMITTED BY A PROFESSIONAL ENGINEER AND SUBMITTED TO THE AUTHORITY HAVING JURISDICTION PRIOR TO THE COMMENCEMENT OF FOUNDATION WORK.

-UNLESS SHOWN TO BE UNNECESSARY, FOUNDATION DRAINAGE IS TO BE INSTALLED. IT IS TO BE AT LEAST 100 MM (4") DIAMETER WEEPING TILE LAID ON UNDISTURBED OR WELL COMPACTED SOIL WITH NOT LESS THAN 150 MM (6") GRANULAR COVER ON THE TOP AND SIDES, DRAINING TO A BUILDING DRAIN, STORM DRAIN, DRAINAGE DITCH, DRY WELL OR TO THE GROUND SURFACE (CHECK YOUR LOCAL BYLAWS FOR LOCAL REQUIREMENTS).

FOUNDATION DRAINS ARE TO DRAIN TO A SEWER, DRAINAGE DITCH OR DRYWELL.

-WHERE A SUMP PIT IS REQUIRED TO BE PROVIDED, IT IS TO BE:
A) NOT LESS THAN 750 MM (30") DEEP.
B) NOT LESS THAN 0.25 M² (2.7 FT²) IN AREA, AND

-BE PROVIDED WITH A COVER.
COVERS FOR SUMP PITS ARE TO BE DESIGNED TO RESIST REMOVAL BY CHILDREN.

-CONCRETE SLABS-ON-GROUND ARE TO BE AT LEAST 75 MM (3") THICK EXCLUSIVE OF TOPPING ON TOP OF 0.15 MM (6 MIL) POLYETHYLENE OR TYPE 'S' POLY ROOFING DAMP-PROOFING.

-WHEN STEP FOOTINGS ARE USED, THE VERTICAL RISE BETWEEN HORIZONTAL PORTIONS IS NOT TO EXCEED 600 MM (2') AND HORIZONTAL DISTANCE BETWEEN RISERS IS NOT TO BE LESS THAN 600 MM (2').

-BUILDING ANCHORAGE TO BE PROVIDED BY EMBEDDING IN CONCRETE TWO 38 MM X 89 MM (2'X 4") SILL PLATES.

-PLACED ON EDGE AND SEPARATED BY BLOCKING SPACED 1.2 M (4') O.C., OR FASTENING THE SILL PLATE TO THE FOUNDATION WITH NOT LESS THAN 12.7 MM (1/2") ANCHOR BOLTS SPACED NOT MORE THAN 2.4 M (8') O.C., OR EMBEDDING ENDS OF THE FIRST FLOOR JOISTS IN CONCRETE.

-ALL WALL, FLOOR AND ROOF ASSEMBLIES SEPARATING CONDITIONED SPACE FROM GROUND SHALL BE PROTECTED BY AN AIR BARRIER SYSTEM CONFORMING TO ABC 2014 9.25.3 AND SHALL BE PROVIDED WITH A ROUGH IN FOR FUTURE INSTALLATION OF A RADON EXTRACTION SYSTEM CONFORMING TO ABC 9.13.40.3

CONSTRUCTION ABOVE FOUNDATION.

- USE ONLY SURFACE DRIED, GRADE STAMPED LUMBER.
- END BEARING OF JOISTS AND RAFTERS TO BE NOT LESS THAN 38 MM (1 1/2").
- WOOD SIDING IS NOT TO EXTEND WITHIN 200 MM (8") OF FINISHED GRADE.
- FLASHING SHALL BE INSTALLED AT EVERY HORIZONTAL JUNCTION BETWEEN 2 DIFFERENT EXTERIOR FINISHES.

EXCEPT WHERE THE UPPER FINISH OVERLAPS THE LOWER FINISH.

FLASHING SHALL BE APPLIED OVER EXTERIOR WALL OPENINGS WHERE THE VERTICAL DISTANCE FROM THE BOTTOM OF THE EAVE TO THE TOP OF THE TRIM IS MORE THAN ONE-QUARTER OF THE HORIZONTAL OVERHANG OF THE EAVE.

FLASHING SHALL BE INSTALLED SO THAT IT EXTENDS UPWARDS NOT LESS THAN 50 MM BEHIND THE SHEATHING PAPER AND FORMS A DRIP ON THE OUTSIDE EDGE.

FLASHING SHALL CONSIST OF NOT LESS THAN:
A) 0.73 MM THICK SHEET LEAD,
B) 0.33 MM THICK GALVANIZED STEEL,
C) 0.46 MM THICK COPPER,
D) 0.46 MM THICK ZINC,
E) 0.48 MM THICK ALUMINUM. STAIRS, GUARDS & HANDRAILS

STAIRS

- STAIRS ARE TO HAVE A MAXIMUM RISE OF 180 MM (7 1/16"), MINIMUM RUN OF 180 MM (11").

INSULATION.

INSULATION IS TO BE PROVIDED IN ASSEMBLIES BETWEEN HEATED AND UNHEATED SPACES AND THE BUILDING EXTERIOR.

A CONTINUOUS 0.15 MM (6 MIL) VAPOR BARRIER, CGSB APPROVED, IS TO BE PROVIDED ON THE WARM SIDE OF THE INSULATION.

INSULATION TO FOLLOW THE REQUIREMENTS SET OUT IN ABC 2014, 9.36
FOAMED PLASTIC INSULATION IS TO BE PROTECTED BY AN APPROVED THERMAL BARRIER (I.E., 12 MM (1/2") GYPSUM WALLBOARD) WHICH IS TO BE INSTALLED AT THE WARM SIDE OF THE INSULATION.

WHERE INSULATION IS EXPOSED TO THE WEATHER AND SUBJECT TO MECHANICAL DAMAGE, IT IS TO BE PROTECTED WITH AT LEAST 6 MM (1/4") ASBESTOS-CEMENT BOARD OR 12 MM (1/2") CEMENT PARGING ON WIRE LATH.

INSULATION AND VAPOR BARRIER IN AN UNFINISHED BASEMENT THAT IS CLOSE TO LAUNDRY AREAS, FURNACES OR OTHER AREAS WHERE IT IS SUBJECT TO PHYSICAL DAMAGE, MUST BE PROTECTED WITH DRYWALL OR EQUIVALENT MATERIAL.

HEATING AND VENTILATION

FACTORY-BUILT FIREPLACES AND THEIR CHIMNEYS ARE TO HAVE A LABEL SHOWING THAT THEY CONFORM TO ULC S610, "STANDARD FOR FACTORY BUILT FIREPLACES".

WOOD STOVES, RANGES AND SPACE HEATERS WHICH ARE CERTIFIED AND HAVE A LABEL, ARE TO BE INSTALLED AS PER THE MANUAL SUPPLIED.

UNCERTIFIED WOOD STOVES, RANGES AND SPACE HEATERS ARE TO BE INSTALLED WITH CLEARANCES OF AT LEAST 1.2 M (4' 0") ON ALL SIDES AND FRONT, PLUS 1.5 M (5' 0") AT THE TOP UNLESS OTHERWISE APPROVED, AND ON A NON-COMBUSTIBLE FLOOR SURFACE.

COMBUSTION AIR IS REQUIRED FOR ALL FUEL FIRED APPLIANCES, INCLUDING FIREPLACES.

INTRODUCED BY AIR INTAKES OTHER THAN A DOOR OR WINDOW.

THE COMBUSTION AIR INLET IS NOT TO BE LOCATED WITHIN AN ATTIC OR ROOF SPACE, NOR WITHIN A CRAWL SPACE.

CHIMNEYS ARE TO EXTEND AT LEAST 900 MM (36") ABOVE ANY CONNECTING ROOF SURFACE AND 600 MM (24") ABOVE ANY ROOF SURFACE WITHIN 3 M (10' 0") AND THEY ARE TO BE EQUIPPED WITH A WATERPROOF CAP.

THE ROOF OR ATTIC SPACE IS TO BE PROVIDED WITH AN UNOBSTRUCTED VENT AREA OF NOT LESS THAN 1/200 OF THE INSULATED CEILING AREA, DISTRIBUTED TO PROVIDE GOOD CROSS VENTILATION.

WHEN VENTILATING A CATHEDRAL CEILING, IT IS TO HAVE A 75 MM (3") AIR SPACE BETWEEN THE INSULATION AND THE ROOF SHEATHING, OR SHALL HAVE AT LEAST 38 MM X 38 MM (2' X 2") CROSS PURLINS APPLIED ACROSS THE TOP OF THE JOIST AND THE INSULATION SHALL BE 25 MM (1") BELOW THE TOP OF THE JOISTS.

CRAWL SPACES ARE TO BE VENTILATED BY NATURAL OR MECHANICAL MEANS, NATURAL VENTILATION IS TO BE NOT LESS THAN 0.1 m² (1 FT²) OF UNOBSTRUCTED VENT FOR EVERY 50 m² (538 FT²) OF FLOOR AREA.

DUCTWORK FOR RANGE HOODS AND RANGE-TOP FANS ARE TO:
A) BE OF NONCOMBUSTIBLE, CORROSION—RESISTANT MATERIAL,
B) LEAD DIRECTLY TO THE OUTDOORS WITH NO CONNECTIONS TO OTHER EXHAUST FANS OR DUCTS, AND
C) BE EQUIPPED WITH A GREASE FILTER AT THE INTAKE END.

EXHAUST FROM KITCHEN OR WASHROOM FANS IS TO BE DUCTED DIRECTLY TO THE OUTSIDE AND THE DUCT IS TO BE INSULATED TO NOT LESS THAN RSI 0.5 (R-2.85), WHERE PASSING THROUGH AN UNHEATED SPACE.

ALL SUPPLY AIR DUCTS NOT FITTED WITH ADJUSTABLE DIFFUSERS ARE TO HAVE ADJUSTABLE DAMPER FITTED WITH AN EXTERNAL POSITION INDICATOR.

JOINTS IN SUPPLY, RETURN AND MAKE-UP AIR DUCTS ARE TO BE SEALED WITH MASTIC, METAL FOIL DUCT TAPE OR THE MANUFACTURER'S APPROVED SEALANT.

HOUSES INTENDED FOR USE IN THE WINTER MONTHS ON A CONTINUING BASIS MUST BE EQUIPPED WITH HEATING FACILITIES CAPABLE OF MAINTAINING THE FOLLOWING INDOOR AIR TEMPERATURES AT THE OUTSIDE WINTER DESIGN TEMPERATURE:

A) 22° C FOR ALL LIVING SPACES,
B) 18° C IN UNFINISHED BASEMENTS, AND
C) 15° C IN HEATED CRAWL SPACES.

EACH HABITABLE ROOM OR SPACE IS TO HAVE THE CAPACITY OF EXHAUSTING AND REPLACING AIR IN ACCORDANCE WITH SECTION 9.32.2, AND 9.32.3. THE SYSTEM IS TO CONSIST OF SUFFICIENT PRINCIPAL AND SUPPLEMENTARY EXHAUST FANS, OR BE VENTILATED BY USING A HRV (HEAT RECOVERY VENTILATOR).

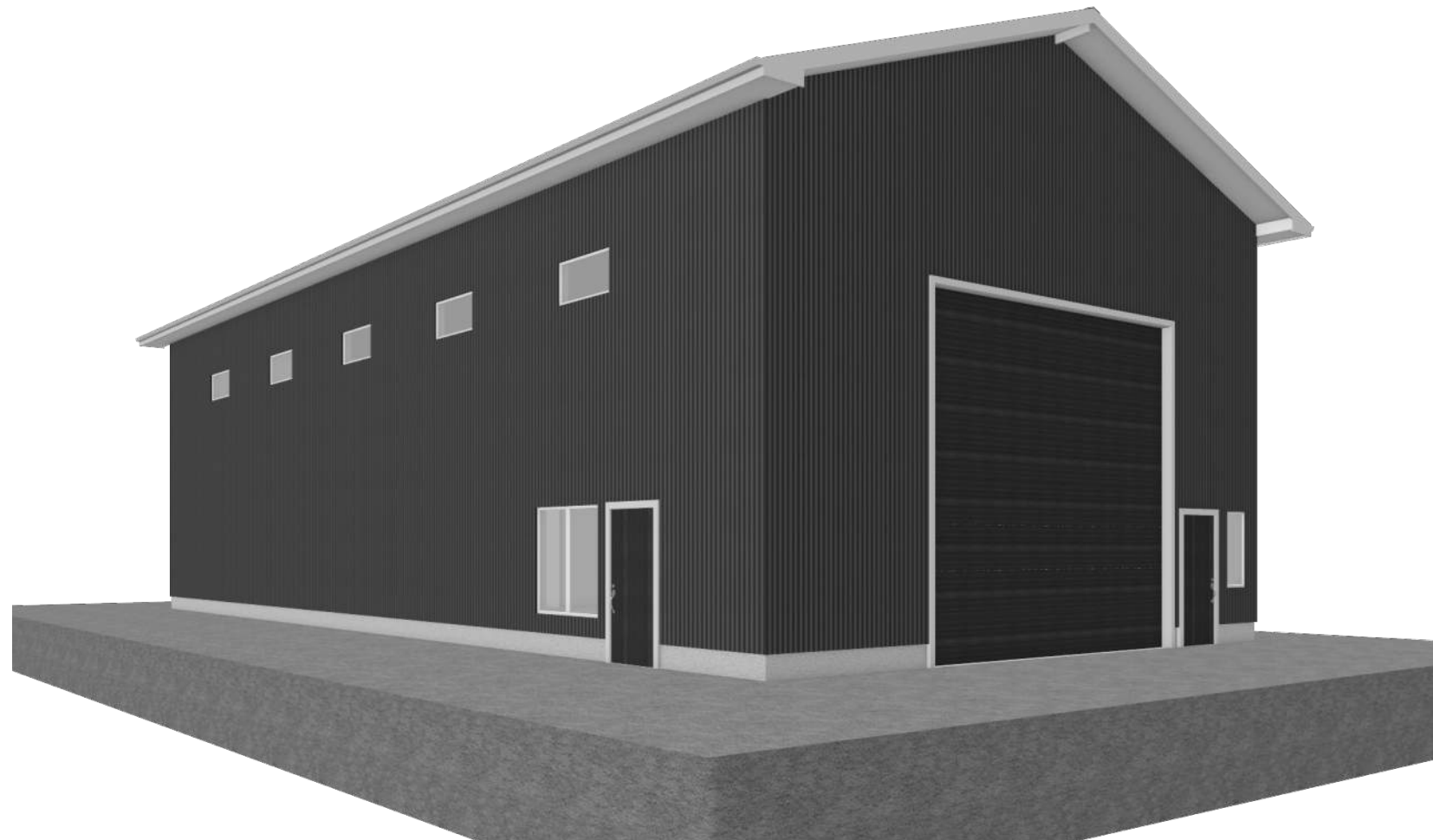
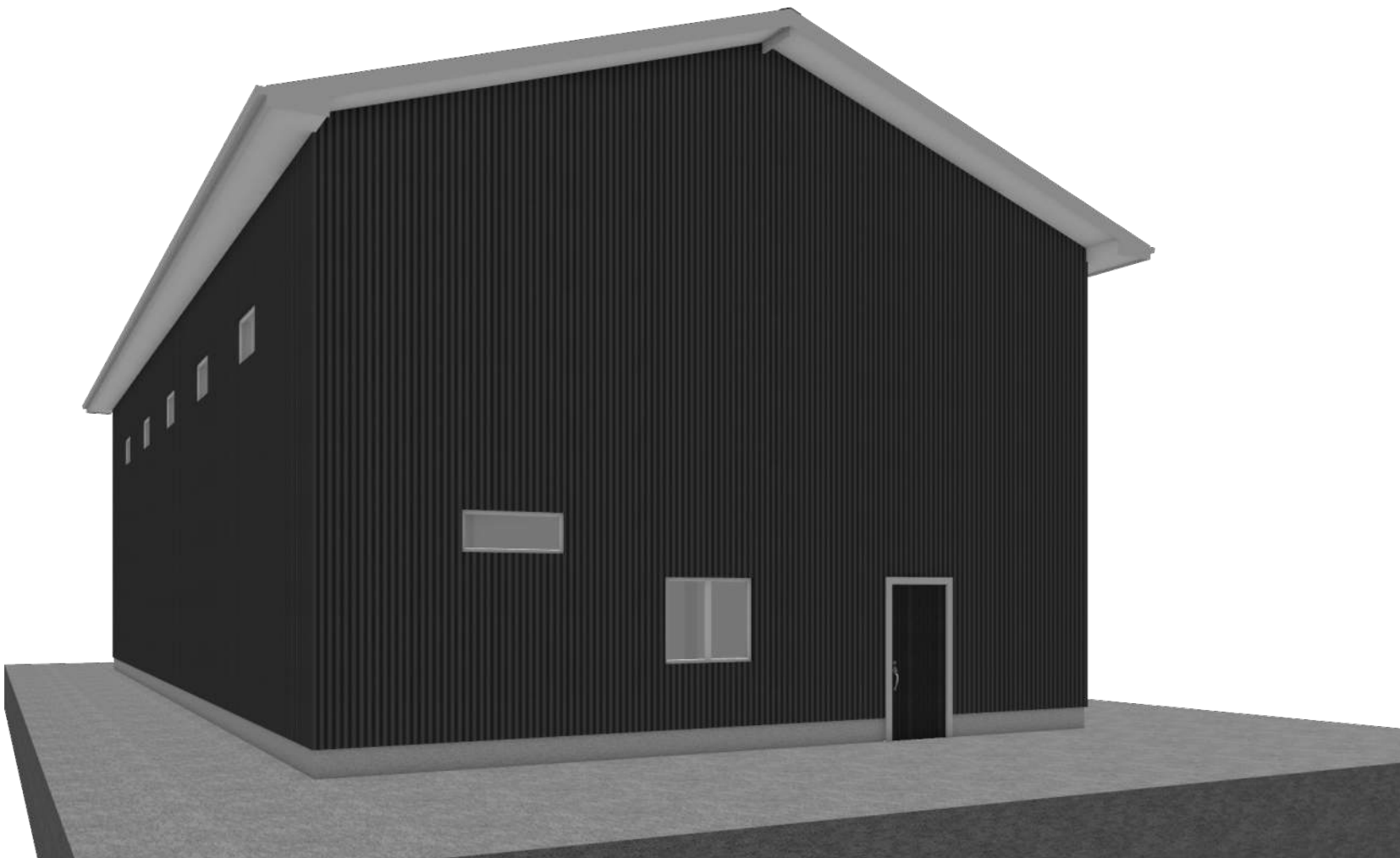
THE DWELLING UNIT IS TO INCORPORATE PROVISIONS FOR THE NON-HEATING SEASON VENTILATION. IF SUPPLIED WITH ELECTRICAL POWER, VENTILATION IS TO BE SUPPLIED BY THE HEATING APPLIANCE SUCH AS A FURNACE INTERCONNECTED WITH SUFFICIENT PRINCIPAL AND SUPPLEMENTARY EXHAUST FANS, OR BE VENTILATED BY USING A HRV (HEAT RECOVERY VENTILATOR).

DWELLINGS ARE TO BE EQUIPPED WITH HIGH EFFICIENCY APPLIANCES OR HAVE SUFFICIENT FRESH AIR FOR COMBUSTION AIR FOR PROTECTION AGAINST DEPRESSURIZATION.

CLOTHES DRYER VENTS ARE TO BE DUCTED TO THE OUTSIDE.

THE PRINCIPAL VENTILATION FAN CONTROL IS TO BE WIRED SO THAT THE ACTIVATION OF THE PRINCIPAL VENTILATION FAN AUTOMATICALLY ACTIVATES THE FORCED AIR HEATING SYSTEM'S CIRCULATION FAN TO PROVIDE AN AIRFLOW NOT GREATER THAN THE SPACE-HEATING AIRFLOW.

IF THE HOME IS HEATED WHOLLY OR PARTIALLY BY HYDRONIC RADIANT FLOOR HEATING, ENGINEERED DRAWINGS ARE TO BE SUBMITTED OF THE SPECIFIC LAYOUT. BEDROOMS LOCATED IN HYDRONICALLY HEATED AREAS ARE TO BE PROVIDED WITH A SOURCE OF FRESH AIR OTHER THAN OPENING A WINDOW. THE FRESH AIR IS TO BE PREHEATED. IN WINTER, VENTILATION SYSTEMS IN A HOUSE AND SECONDARY SUITE MUST BE SEPARATE AND INDEPENDENT



NOTES:

ALL DIMENSIONS AND DETAILS ARE TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES ARE TO BE REPORTED TO PARK AVENUE CONTRACTING .

DIMENSIONS ARE REFERENCED TO EDGE OF STUD TO EDGE OF STUD UNLESS OTHERWISE NOTED

DO NOT SCALE DRAWINGS, A DRAWING SCALE WILL BE NOTED IN THE TITLE BLOCK ALONG WITH THE RECOMMENDED PAPER SIZE INTENDED.



REVISION TABLE	
DATE	DESCRIPTION
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PROJECT NAME:

CUSTOM RV STORAGE

SHOP c/w/ MEZZANINE

STORAGE

PROJECT ADDRESS:

2250-226 AVE SE
MD FOOT HILLS

SHEET:

PROJECT

INFORMATION

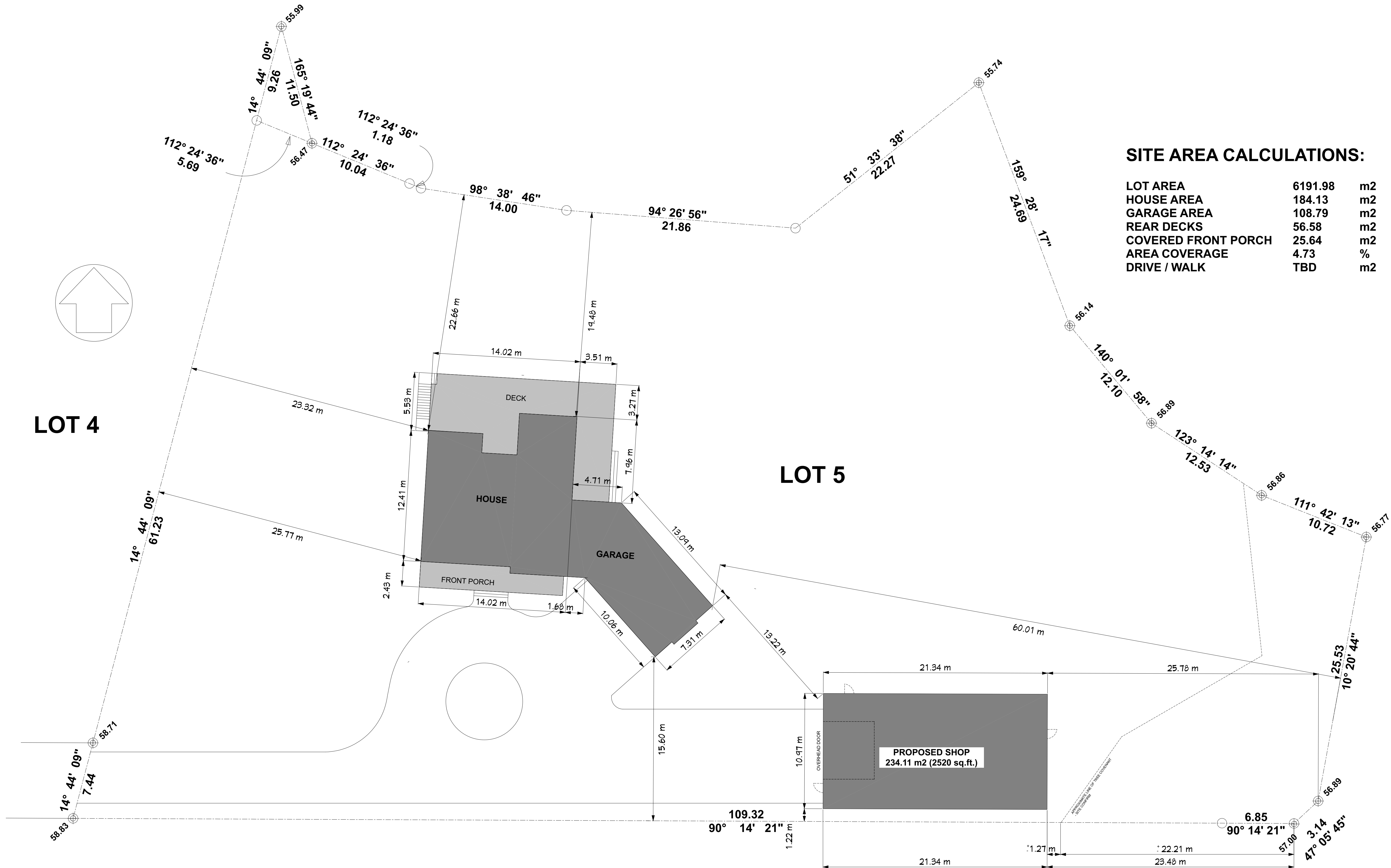
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FILE 2026-15-2026

date: 2026-06-15

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SITE AREA CALCULATIONS:

LOT AREA	6191.98	m2
HOUSE AREA	184.13	m2
GARAGE AREA	108.79	m2
REAR DECKS	56.58	m2
COVERED FRONT PORCH	25.64	m2
AREA COVERAGE	4.73	%
DRIVE / WALK	TBD	m2

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TWO-PAGE TABLE	
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CUSTOM RV STORAGE
SHOP.cw/MEZZANINE
STORAGE

PROJECT ADDRESS:

2250-226 AVE SE
MD FOOT HILLS

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SITE PLAN

drawn by: PLP

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