

GENERAL NOTES:

- THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT IS TO CONFORM TO THE ONTARIO BUILDING CODE – 2020 INCLUDING ALL AMENDMENTS, AND THE RELEVANT LISTED C.S.A. STANDARDS INCLUDING THE LATEST EDITIONS.
- READ THESE DRAWINGS IN CONJUNCTION WITH ALL RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS AND CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT TO THE ENGINEER ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE JOB BEFORE PROCEEDING WITH THE WORK.
- DO NOT SCALE THE DRAWINGS.
- DESIGN LIVE LOADS FOR EACH PORTION OF THE STRUCTURE ARE AS INDICATED ON THE DRAWINGS. DO NOT EXCEED THESE LOADS DURING CONSTRUCTION.
- DESIGN LOADS INDICATED ARE UNFACTORED UNLESS NOTED.
- CONSTRUCTION, FABRICATION AND SHOP DRAWING REVIEW MUST BE PROVIDED AS PER CODE.
- REFERENCE ELEVATIONS SHOWN CORRESPOND TO ACTUAL GEODETIC ELEVATION.
- DELIVER, HANDLE AND STORE MATERIALS TO AVOID DAMAGE IN ANY MANNER.
- MAINTAIN A SET OF DRAWINGS ON SITE & UPDATE FREQUENTLY WITH CONSTRUCTION RECORD INFORMATION.

MATERIALS:

UNLESS NOTED OTHERWISE ON THE DRAWINGS THE FOLLOWING MATERIALS SHALL BE USED FOR CONSTRUCTION:

- CONCRETE SHALL BE PROPORTIONED AS FOLLOWS (U.N.O.):

CONCRETE DESCRIPTION	FOOTINGS	FOUNDATION WALLS & PIERS (EXTERIOR)	SLAB ON GRADE (INTERIOR)	OTHER (FREEZING & THAWING) PAVEMENTS, SIDEWALKS, CURBS & GUTTERS
28 DAYS (MIN.) STRENGTH (MPA)	25	25	25	32
AIR CONTENT	4% TO 7%	4% TO 7%	4% TO 7%	5% TO 8%
MAX. AGGREGATE SIZE (mm)	20	20	20	20
EXPOSURE CLASS	F2	F2	N	C2

- BEARING GROUT:35MPA – 28 DAY MIN. COMP. STRENGTH NON SHRINK, NON METALLIC
- REINFORCING STL:BILLET STL. BARS TO G30.18-GRADE 400R, GRADE 400W WHERE WELDING IS REQUIRED
- WELDED STEEL WIRE FABRIC: G30.5
- ANCHOR BOLTS, NUTS AND WASHERS: ASTM A307 & A36
- HIGH STRENGTH BOLTS: ASTM A325
- WIDE FLANGE BEAMS AND WWF SECTIONS: G40.21-350W
- MISC. ROLLED SECTIONS & ROLLED PLATES: G40.21-300W
- HSS: G40.21-350W CLASS H
- GALVANIZING: CSA G164 & ASTM A153 CLASS B2
- WELDING: CSA W59, W55 AND W47 SERIES E480XX ELECTRODES
- BRICK: 55MPa CLAY TO CSA A82 SERIES
- BLOCK: 15MPa CONCRETE ON NET AREA TO CSA A165 SERIES AND AS REQUIRED TO PRODUCE SPECIFIED F'M VALUES
- MORTAR: TYPE S TO CSA A179
- GROUT MASONRY: TO CSA A179 AND TO STRENGTH OF 15MPA MIN. U.N.O.
- WIRE REINF. (MASONRY): CSA G30.3 & ASTM A82 (HOT DIP GALV.)
- STEEL DECK: TO CSSB1 101M, GRADE A MIN. C.N.T. 0.76mm U/N, ZF075 WIPED ZINC COATING.
- WOOD: LUMBER: GRADED TO NIGA RULES, SPF #1/2 -S-DRY U.N.O. MSR GRADE FOR TRUSSES AS REQUIRED.
- GLULAM:CSA 0122 SP GRADE 20FE BENDING STRESS U.N.O. 12cE COMPRESSION STRESS U.N.O.

I JOISTS:	LUMBER CHORDS AND ORIENTED STRAND BOARD WEBS, MANUFACTURER TO IDENTIFY GRADES/PROPERTIES.
PLYWOOD:	CSA 0151 SOFTWOOD EXTERIOR GRADE
WAFER BOARD:	CSA 0437 GRADE 0-1 OR 0-2.
COMPOSITE LUMBER:	PARALLAM P.S.L. OR MICROLAM L.V. (MIN.) VALUES AS PUBLISHED BY TRUS JOIST MACMILLAN.

FOUNDATION:

- STRUCTURE DESIGN IS BASED INDICATED SOIL CAPACITY SLS=150kPa AND ULS=220kPa ON RECOMMENDATIONS CONTAINED IN GEOTECHNICAL INVESTIGATION REPORT PREPARED BY TORONTO INSPECTION LTD., DATED APRIL 9TH, 2026 REF. NO. "7152-26-GA". STRICTLY FOLLOW THE RECOMMENDATIONS OF GEOTECHNICAL REPORT.
- FOUND ALL FOOTINGS WHICH WILL BE EXPOSED TO FROST ACTION IN THE COMPLETED BUILDING AT A MINIMUM OF 1200mm BELOW FINISHED GRADE.
- DO NOT EXCEED A RISE OF 1 IN A RUN OF 1.5 IN THE LINE OF SLOPE BETWEEN ADJACENT FOOTING EXCAVATIONS OR ALONG STEPPED FOOTINGS. UNLESS NOTED FOR STEPPED FOOTINGS, USE STEPS NOT EXCEEDING 400mm IN HEIGHT AND NOT LESS THAN 600MM IN LENGTH.
- FOOTING ELEVATIONS CONFORMING WITH NOTES 1, 2, AND 3, ABOVE AND BASED ON INFORMATION AVAILABLE AT THE TIME OF TENDER. IF UPON EXCAVATION TO THE LEVELS SHOWN, THESE CONDITIONS ARE NOT FULFILLED, OR ARE FULFILLED AT HIGHER ELEVATIONS THAN INDICATED, FOOTINGS MAY BE RAISED OR LOWERED BUY ONLY WITH THE REVIEW OF THE STRUCTURAL AND GEOTECHNICAL ENGINEER.
- MAINTAIN UNSUPPORTED SIDES OF EXCAVATION ONLY IF SAFE INCLINATION OF THE SIDES OF THE EXCAVATION IS PROVIDED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND/OR MUNICIPAL OR PROVINCIAL REGULATIONS.
- ERECT, MAINTAIN, AND IF REQUIRED, REMOVE A SUPPORTING SHORING SYSTEM ALONG THE SIDES OF THE EXCAVATION. DESIGN SUCH SYSTEM IN ACCORDANCE WITH THE SOIL REPORT RECOMMENDATIONS.
- PROTECT SOIL FROM FREEZING ADJACENT TO AND BELOW ALL FOOTINGS.
- BACKFILL AGAINST FOUNDATION WALL IN SUCH A MANNER THAT THE LEVEL OF BACKFILLING ON ONE SIDE OF THE WALL IS NEVER MORE THAN 450MM DIFFERENT FROM THE LEVEL ON THE OTHER SIDE OF THE WALL EXCEPT WHERE TEMPORARY SUPPORT FOR THE WALL IS PROVIDED OR WALLS ARE DESIGNED AS CANTILEVER WALLS.
- SOUL BARING CAPACITY SPECIFIED MUST BE VERIFIED BY THE GEOTECHNICAL ENGINEERS PRIOR TO THE PLACING OF THE FOUNDATIONS AND ANY NON-CONFORMANCE WITH THE SPECIFIED MINIMUM CAPACITIES MUST BE IMMEDIATELY REPORTED TO THE STRUCTURAL ENGINEER.
- SOFT AREAS UNCOVERED ON EXCAVATION SHALL BE SUB EXCAVATED TO SOUND MATERIAL AND FILLED WITH CLEAN FREE DRAINING GRANULAR MATERIAL COMPACTED TO 100% STANDARD PROCTOR DRY DENSITY.

CONCRETE AND REINFORCING STEEL:

- CONCRETE MATERIAL AND METHODS OF CONCRETE CONSTRUCTION CAN/CSA-A23.1 (LATEST EDITION).
- CODE FOR THE DESIGN OF CONCRETE STRUCTURES FOR BUILDINGS CAN/CSA-A23.3 (LATEST EDITION)
- THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL BE AS FOLLOWS:

SLABS (INT.)	25mm	TO TOP AND BOTTOM
SLABS (EXT.)	50mm	TO TOP AND BOTTOM
BEAMS	40mm	TO STIRRUPS
COLUMNS	40mm	TO TIES
WALLS	50mm	TO EXT. FACE; 25MM TO INT. FACE
CONCRETE PIERS	50mm	TO MAIN STEEL
FOOTINGS	75mm	TO MAIN STEEL

- CONCRETE PROTECTION FOR REINFORCING SHALL IN ALL CASES BE AT LEAST EQUAL TO THE BAR DIAMETER.
- ALL REINFORCING BARS SHALL BE SUPPORTED IN THE FORMS AND SPACED WITH STANDARD ACCESSORIES.
- REINFORCING IS TO BE GENERALLY DETAILED IN ACCORDANCE WITH R.S.I.C. MANUAL OF STANDARD PRACTICE (LATEST EDITION).
- CONCRETE PLACING, CURING AND TESTING TO CONFORM TO CAN3-A23.1 AND A23.2 (LATEST EDITION).
- FORMWORK AND TOLERANCES TO CONFORM TO ACI 347-78 (LATEST EDITION).
- NO CUTTING OR DRILLING IN HARDENED CONCRETE IS PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
- GROUT UNDERSIDE OF BEARING PLATES OF STEEL COLUMNS AND STEEL BEAMS WITH DRY-PACK NON-SHRINKING GROUT TO MANUFACTURERS INSTRUCTIONS.
- SLAB-ON-GRADE CONTROL JOINTS SHALL BE SPACED NO GREATER THAN 4M SPANS IN EITHER DIRECTION OR AS SHOWN ON PLAN.
- ALL BEAMS AND SPANDRELS TO BE POURED MONOLITHICALLY WITH THE SLAB EXCEPT AS NOTED ON SECTIONS. NO HORIZONTAL CONSTRUCTION JOINTS ARE TO BE MADE IN SLABS OR BEAMS.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, ANCHOR BOLTS, ETC. AS REQUIRED FOR MECHANICAL TRADES BEFORE CONCRETE IS POURED.
- AT OPENINGS IN CONCRETE WALLS, ADD 2-15M BARS IN HEADS AND SILLS, 2-15M BARS IN JAMBS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- FOR THICKNESS OF SLAB ON GRADE SEE FOUNDATION PLAN AND MAINTAIN SLAB THICKNESS AT ALL DEPRESSIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF FINISHES AND DEPRESSIONS. AT ALL DEPRESSIONS REINFORCE SLAB ON GRADE WITH WWM 305X305 MW37.4XMMW37.4 U.N.O.
- ALL SPLICES SHALL BE CLASS "B" U.N.O.
- ALL EMBEDDED STEEL EXPOSED TO THE EXTERIOR OR EXTERIOR WALL CAVITIES SHALL BE GALVANIZED.

TIMBER:

- ALL WOOD MATERIALS, FABRICATION AND ERECTION TO BE IN ACCORDANCE WITH CAN/CSA-086.1-M89-ENGINEERING DESIGN IN WOOD (LIMIT STATES DESIGN). ALL TIMBER GRADING TO BE IN ACCORDANCE WITH NLGA INCLUDING ALL LATEST EDITIONS.
- ALL TIMBER FOR JOIST RAFTERS, LINTELS, BEAMS, AND POSTS TO BE SPF NO. 1&2 MIXED UNLESS NOTED ON PLAN.
- ALL TIMBER SHALL CONFORM TO RECOGNIZED NOMINAL SIZES SHOWN ON PLAN AND STRESS RATING FOR APPROPRIATE SPECIES. NO TIMBER SHALL BE USED THAT DOES NOT CONFORM TO DIMENSIONS AND SPECIES.

- FLAT JOIST AND PROFILED TRUSS FABRICATOR SHALL SUPPLY ERECTION DRAWINGS SHOWING LOCATION, LOADING, ALLOWABLE STRESSES, WIND UPLIFT FORCES, REQUIRED BEARING AND TEMPORARY AND PERMANENT BRACING, CONNECTIONS AND SHALL BEAR A SEAL OF THE PROFESSIONAL DESIGN ENGINEER REGISTERED WITH THE PEO.
- PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS.
- MAXIMUM BRIDGING SPACING:

STD. WOOD JOISTS	1220mm
STUD WALLS	2000mm TO MATCH SHEATHING JOINTS

- FRAMING INTO FLUSH BEAMS MUST BE FASTENED WITH METAL JOIST OR BEAM HANGERS.
- SPIKE ALL BUILT-UP SAWN LUMBER BEAMS @300 O.C. (12") IN ROWS NOT EXCEEDING 75mm c/c (3").
- SPIKE & GLUE BUILT-UP COLUMNS @ 150mm C/C (6") IN ROWS NOT EXCEEDING 75mm c/c (3").
- SPIKE & GLUE BUILT-UP SAW LUMBER BEAM @ 300mm O.C. (12") IN ROWS NOT EXCEEDING 75mm c/c (3").
- SEPARATE ALL WOOD FROM CONCRETE WITH WATERPROOF BARRIER OR USE PRESSURE-TREATED WOOD.
- PREMANUFACTURED SPECIALTY WOOD PRODUCTS SUCH AS "PARALLAM" PARALLEL STRAND LUMBER, "MICRO-LAM" LAMINATED VENEER LUMBER, OR WOOD JOIST TRUSS JOIST MANUFACTURED JOISTS, MUST BE STORED HANDLED, MODIFIED AND ERECTED AS PER MANUFACTURERS' DETAILED GUIDELINES. AN INDEPENDENT TESTING AGENCY RETAINED BY THE MANUFACTURER WILL PROVIDE PRODUCT CERTIFICATION DOCUMENTS IF REQUIRED.

MISCELLANEOUS METALS AND STAIR FABRICATORS:

- PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION STAMPED, SIGNED AND DATED BY PROFESSIONAL ENGINEER TO THE ENGINEER FOR REVIEW.
- ALL GUARDS TO BE DESIGNED TO MEET LATERAL LOAD DESCRIBED IN OBC.
- ALL HANDRAILS TO BE DESIGNED TO MEET DESCRIBED IN OBC.
- ALL STAIRS TO BE DESIGNED TO SUPPORT A LIVE LOAD OF 4.8kPa.



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HOSPICE HOME IN MARKHAM
7672 ELGIN MILLS RD. E
MARKHAM, ONTARIO

NO	DESCRIPTION	DATE	BY
0	ISSUED FOR FINAL REVIEW	JUN 12, 2026	GX

NOTE: DRAWINGS ARE NOT TO BE SCALED, USE ONLY DRAWINGS MARKED 'ISSUED FOR CONSTRUCTION'. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCESSING WITH THE WORK. THIS DRAWING IS THE COPYRIGHT PROPERTY AND MUST BE RETURNED UPON REQUEST.

NOTE: THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN, AND HAS QUALIFICATIONS AND NEEDS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

Drawn by	W. CHEN
Date	MAY 2026
Scale	N/A
Project Number	26026
DRAWING NAME	STRUCTURAL GENERAL NOTES
SHEET NUMBER	S101

Diagram illustrating the cross-section of a wall and footing, showing reinforcement details and dimensions:

- Horz. Reinforcing:** SEE TO FND. SCHDL.
- Top of Finish Floor Slab:** Indicated by a dashed line.
- 32mm CLR.:** Vertical clearance dimension.
- T.O. GRADE:** Top of Ground Level.
- Specified Min. Frost Protection:** Indicated by a vertical line with a cross-hatched pattern.
- Horz. Reinforcing:** SEE TO FND. SCHDL.
- 32mm CLR.:** Vertical clearance dimension.
- T.O. FOOTING:** Top of Footing.
- Footing Beyond:** SEE FTG. SCHDL.

Diagram illustrating the construction details for a trench cross-section, showing a footing and pipe runs.

Key dimensions and construction requirements:

- IF MORE THEN 1200mm FTGS. MUST BE STEPPED
- 50mm DRY-PACK GROUT IF FOOTING IS CONSTRUCTED BEFORE EXCAVATION.
- 50mm COMPRESSIBLE MATERIAL AROUND PIPE RUNS.
- 25mm MIN.
- PROVIDE 10 MPa CONCRETE BACKFILL WHERE EXCAVATION RUNS PERPENDICULAR TO & UNDER THE LINE OF FOOTING MAINTAIN LINE OF SLOPE GIVEN IN GENERAL NOTES FOR ALL OTHER CASES.

SUPPLY FOOTING DOWELS IN SAME PLANE, AT SAME SPACING AND OF SAME SIZE AS VERTICAL WALL REINFORCING WHEREVER SHOWN OR NOTED ON SECTIONS

T.O. GRADE

MIN. FROST PROTECTION

SPECIFIED

HOOKED WHEN NOTED ON THE DRAWINGS

48mm CL.R.

8mm CL.R.

T.O. FOOTING

30 x Ø

8mm CL.R.

TOP OF FINISH FLOOR SLAB

Technical drawing of a drainage channel cross-section. The channel has a sloped bottom with a 1:2 slope (indicated by a triangle with vertical side 1 and horizontal side 2). The channel width at the bottom is labeled "1200mm MINIMUM". The channel depth is labeled "600mm MAX.". The channel is shown with a concrete base and a concrete curb on the right side. The channel is labeled "D" for drainage.

38X89MM(2"X4") WOOD STUDS @ 400MM (16") O.C.

38X89mm(2 "X 4") BOTTOM WOOD PLATE

PLYWOOD SU-FLOOR AS SPECIFIED

BUILT-UP WOOD BEAM AS SPECIFIED ON PLAN

STANDARD METAL JOIST HANGERS TO MATCH FLR. JOIST SIZE

DOUBLE JOIST UNDER PARTITIONS FROM ABOVE

20 x
BAR Ø

36 Ø

50mm x 100mm KEY

BUILT UP WOOD BEAM OR LAMINATED VENEER LUMBER

APPROVED METAL JOIST HANGERS

TYPICAL FLOOR JOISTS

BUILT UP WOOD BEAM OR LAMINATED VENEER LUMBER

APPROVED METAL JOIST HANGERS

TYPICAL FLOOR JOISTS

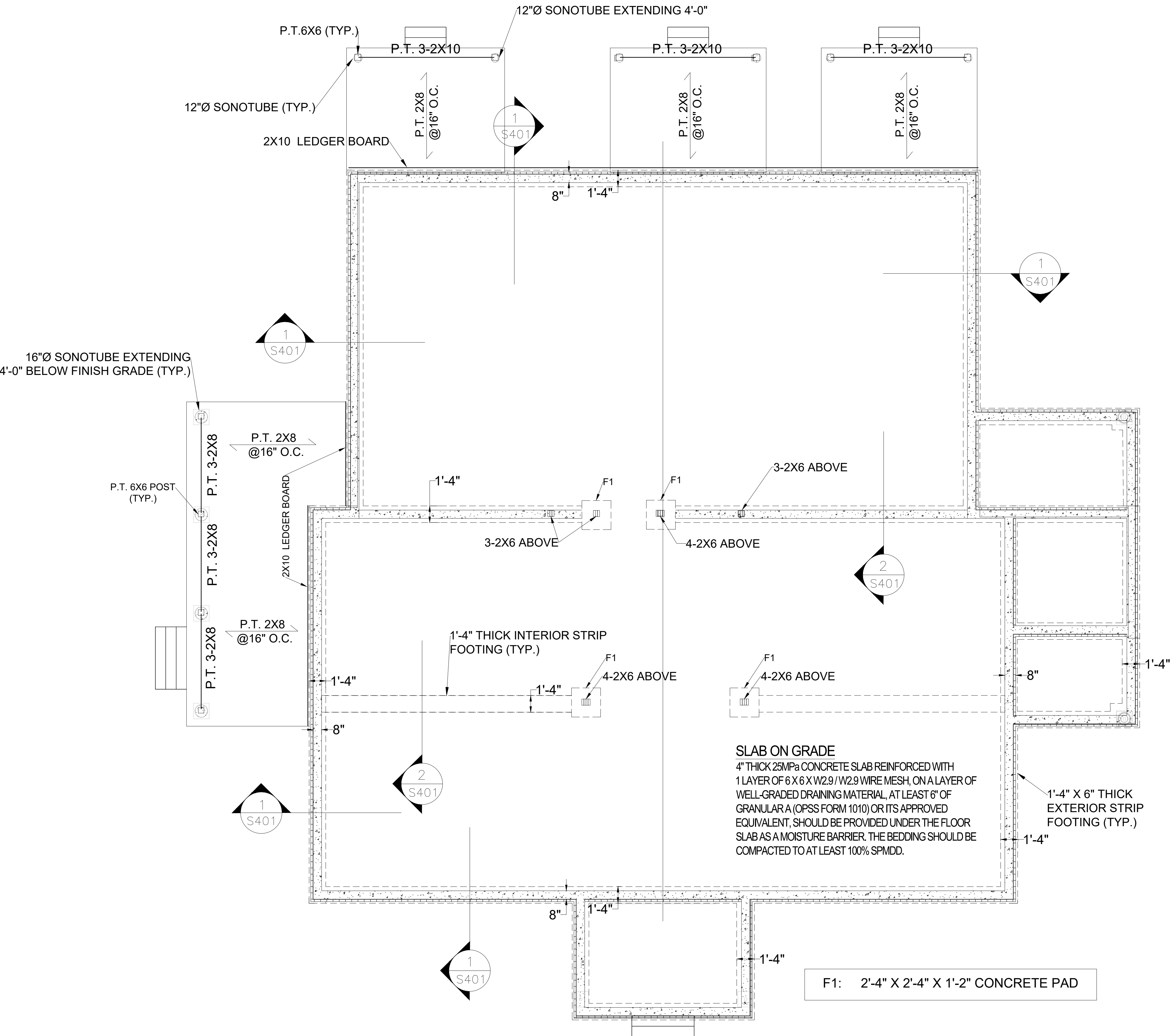
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SHEET NUMBER	S102
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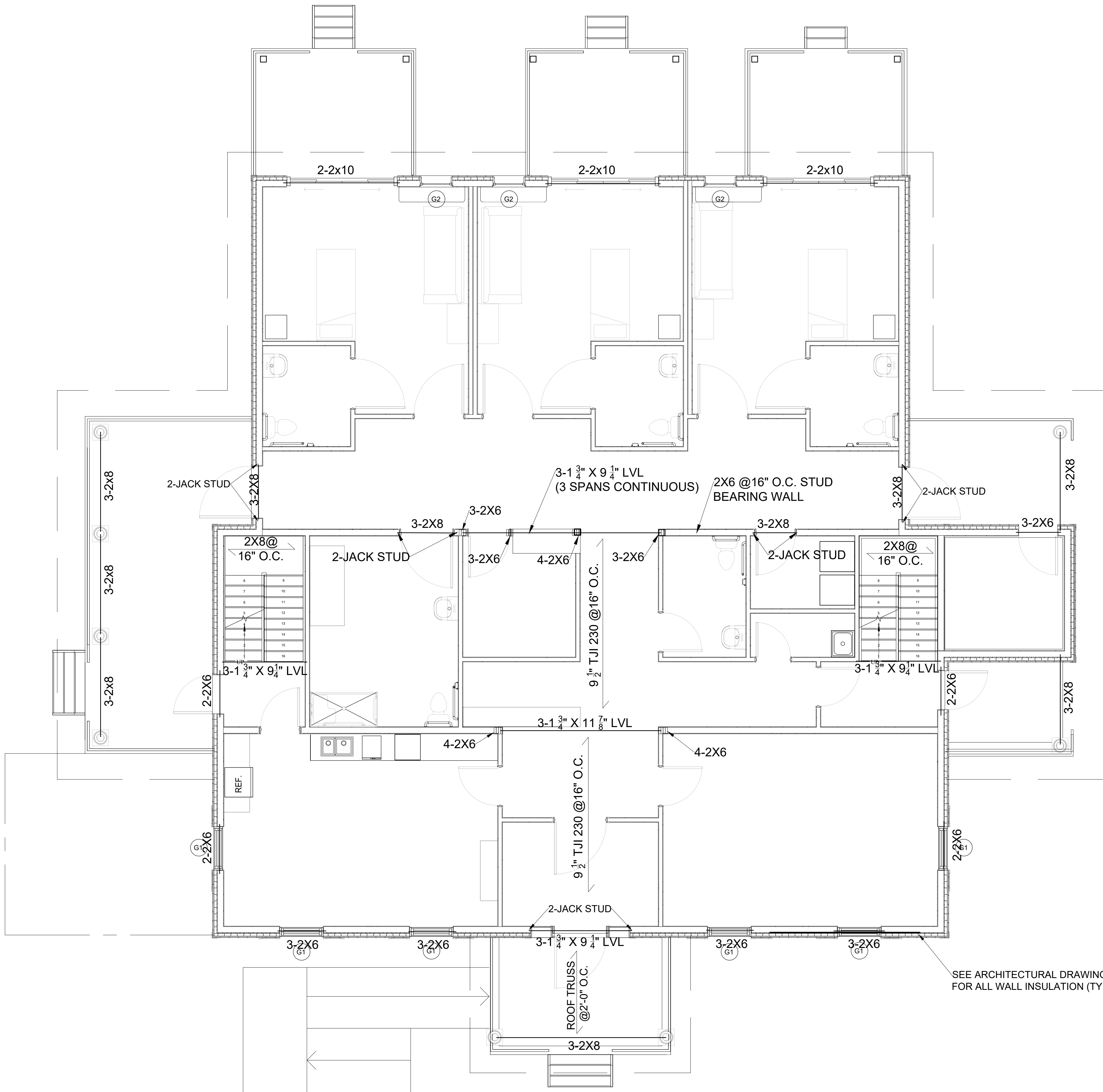
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Drawn by	W. CHEN
Date	MAY 2026
Scale	N/A
Project Number	26026
DRAWING NAME	FOUNDATION PLAN
SHEET NUMBER	S201



FLOOR FRAMING NOTES

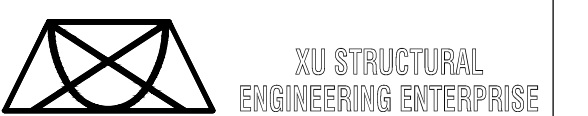
- REFER TO DRAWING S101 FOR GENERAL NOTES.
- SPECIFIED FLOOR LOADING (DO NOT EXCEED DURING CONSTRUCTION):

DESIGN FLOOR LOADS

DEAD LOADS:	
WOOD FLOOR SYSTEM:	
FLOOR FINISH	0.10 kPa
SHEATHING:	0.15 kPa
JOIST:	0.20 kPa
MECH/ELEC:	0.20 kPa
CEILING:	0.10 kPa
TOTAL DEAD LOADS:	0.75 kPa

LIVE LOADS:	1.92 kPa
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- FLOOR SHEATHING: FLAT: $\frac{3}{4}$ " PLYWOOD
- INSTALL PLYWOOD FLOOR SHEATHING WITH AT LEAST A 2mm GAP MINIMUM BETWEEN SHEETS.
- INSTALL PLYWOOD FLOOR SHEATHING WITH SURFACE GRAIN AT RIGHT ANGLES TO ROOF FRAMING. END JOINTS PARALLEL TO FRAMING MUST BE STAGGERED.
- USE 2.0E LVL OR EQUIVALENT.
- USE SPF NO1/NO2 FOR ALL SAWN TIMBER.
- USE 2X6 SPF @ 16" O.C. STUD WALL TYP. UNLESS NOTIFIED OTHERWISE (U.N.O.)
- TEMPORARY BRACING OF ALL MEMBERS TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



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Drawn by W. CHEN

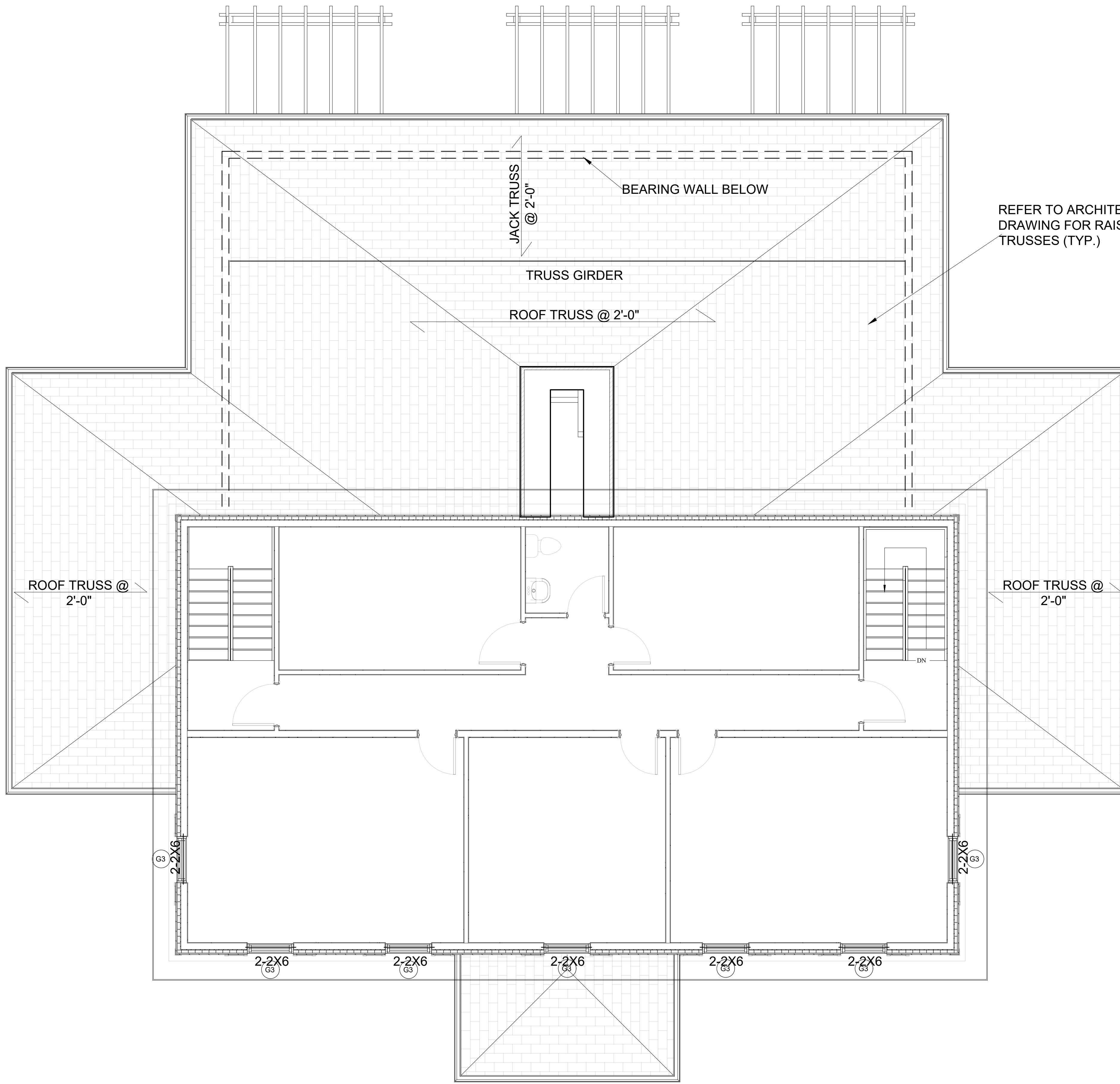
Date MAY 2026

Scale N/A

Project Number 26026

DRAWING NAME
FIRST FLOOR
FRAMING PLAN

SHEET NUMBER
S202



ROOF FRAMING NOTES

- REFER TO DRAWING S101 FOR GENERAL NOTES.
- SPECIFIED ROOF LOADING (DO NOT EXCEED DURING CONSTRUCTION):

- DESIGN ROOF LOADS:

- DEAD LOADS:

- WOOD ROOF SYSTEM

SHINGLES:	0.15 kPa
SHEATHING:	0.10 kPa
JOIST:	0.20 kPa
INSULATION:	0.10 kPa
MECH/ELEC:	0.20 kPa
CEILING:	0.15 kPa
TOTAL DEAD LOADS:	0.90 kPa

- SNOW LOADS:

BASIC FACTORS:	$S_s = 1.30 \text{ kPa}$
	$S_r = 0.40 \text{ kPa}$

BASIC ROOF LIVE LOAD = 1.11 kPa

- WIND LOADS:

BASIC PARAMETERS: $q \left(\frac{1}{50} \right) = 0.44 \text{ kPa}$

- SEISMIC DATA:

BASIC FACTORS:	$S_a(0.2) = 0.18$
	$S_a(0.5) = 0.11$
	$S_a(1.0) = 0.067$
	$S_a(2.0) = 0.022$

- INSTALL ROOF SHEATHING WITH AT LEAST A 2mm GAP BETWEEN SHEETS.
- ROOF SHEATHING:
 $\frac{5}{8}$ " PLYWOOD INSTALL PLYWOOD ROOF SHEATHING WITH SURFACE GRAIN AT RIGHT ANGLES TO ROOF FRAMING. END JOINTS PARALLEL TO FRAMING MUST BE STAGGERED.
- TEMPORARY BRACING OF ALL MEMBERS TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- USE 2.0E LVL OR EQUIVALENT.
- USE SPF NO1/NO2 FOR ALL SAWN TIMBER.
- WALL STUD TO BE 2X6 SPF. @ 1'-4" O.C. U.N.O.
- WALL SHEATHING TO BE $\frac{5}{8}$ " O.S.B. OR 0-2.



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Drawn by W. CHEN

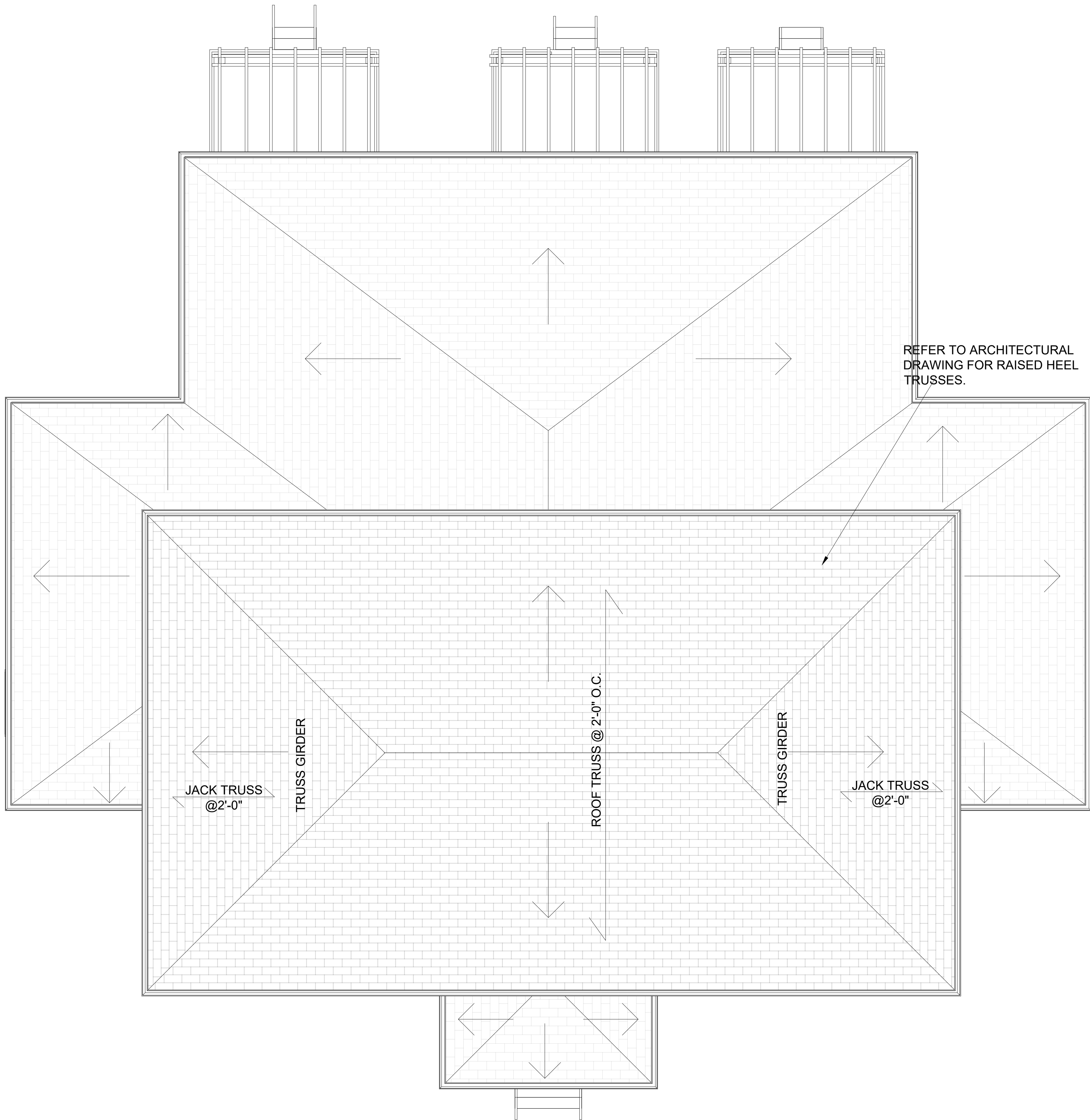
Date MAY 2026

Scale N/A

Project Number 26026

DRAWING NAME LOW ROOF FRAMING PLAN

SHEET NUMBER S203



ROOF FRAMING NOTES

1. REFER TO DRAWING S101 FOR GENERAL NOTES.
2. SPECIFIED ROOF LOADING (DO NOT EXCEED DURING CONSTRUCTION):

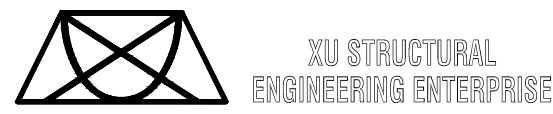
DESIGN ROOF LOADS:
DEAD LOADS:
WOOD ROOF SYSTEM
SHINGLES: 0.15 kPa
SHEATHING: 0.10 kPa
JOIST: 0.20 kPa
INSULATION: 0.10 kPa
MECH/ELEC: 0.20 kPa
CEILING: 0.15 kPa
TOTAL DEAD LOADS: 0.90 kPa

SNOW LOADS:
BASIC FACTORS: $S_s = 1.30 \text{ kPa}$
 $S_r = 0.40 \text{ kPa}$
BASIC ROOF LIVE LOAD = 1.11 kPa

WIND LOADS:
BASIC PARAMETERS: $q_{(50)} = 0.44 \text{ kPa}$

SEISMIC DATA:
BASIC FACTORS: $S_a(0.2) = 0.18$
 $S_a(0.5) = 0.11$
 $S_a(1.0) = 0.067$
 $S_a(2.0) = 0.022$

3. INSTALL ROOF SHEATHING WITH AT LEAST A 2mm GAP BETWEEN SHEETS.
4. ROOF SHEATHING:
 $\frac{5}{8}$ " PLYWOOD INSTALL PLYWOOD ROOF SHEATHING WITH SURFACE GRAIN AT RIGHT ANGLES TO ROOF FRAMING. END JOINTS PARALLEL TO FRAMING MUST BE STAGGERED.
5. TEMPORARY BRACING OF ALL MEMBERS TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
6. USE 2.0E LVL OR EQUIVALENT.
7. USE SPF NO1/NO2 FOR ALL SAWN TIMBER.
8. WALL STUD TO BE 2X6 SPF. @ 1'-4" O.C. U.N.O.
9. WALL SHEATHING TO BE $\frac{5}{8}$ " O.S.B. OR 0-2.



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NO.	DESCRIPTION	DATE	BY
0	ISSUED FOR FINAL REVIEW	JUN 12, 2026	GX

NOTE: DRAWINGS ARE NOT TO BE SCALED, USE ONLY DRAWINGS MARKED 'ISSUED FOR CONSTRUCTION'. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCESSING WITH THE WORK. THIS DRAWING IS THE COPYRIGHT PROPERTY AND MUST BE RETURNED UPON REQUEST.

NOTE: THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN, AND HAS QUALIFICATIONS AND NEEDS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

Drawn by W. CHEN

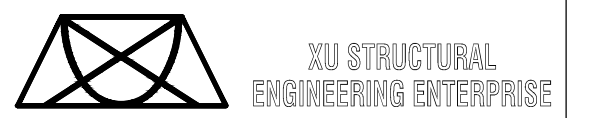
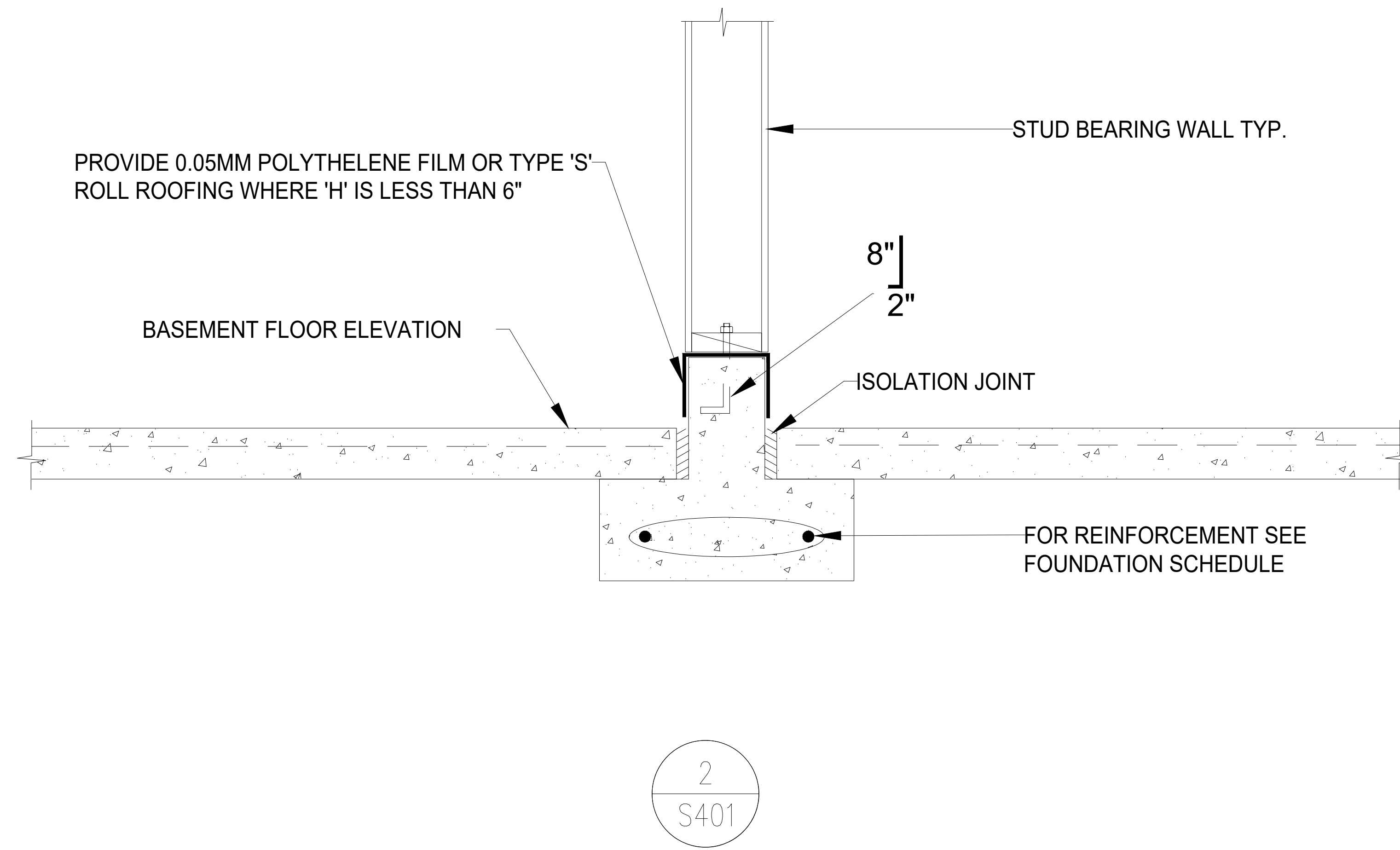
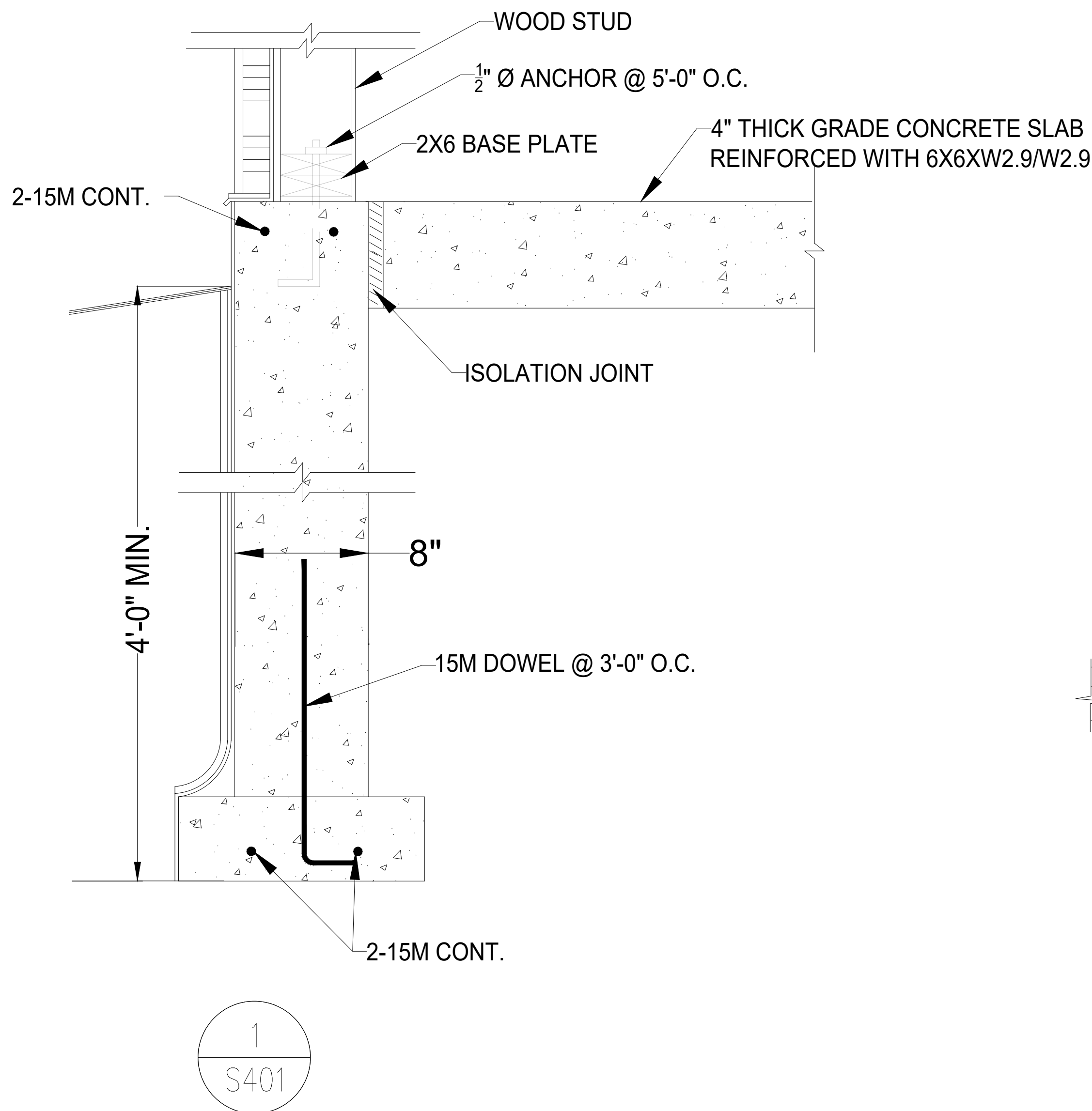
Date MAY 2026

Scale N/A

Project Number 26026

DRAWING NAME HIGH ROOF FRAMING PLAN

SHEET NUMBER S204



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HOSPICE HOME IN MARKHAM
7672 ELGIN MILLS RD. E
MARKHAM, ONTARIO

NO.	DESCRIPTION	DATE	BY
0	ISSUED FOR FINAL REVIEW	JUN 12, 2026	GX

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Drawn by W. CHEN

Date MAY 2026

Scale N/A

Project Number 26026

DRAWING NAME SECTIONS

SHEET NUMBER S401