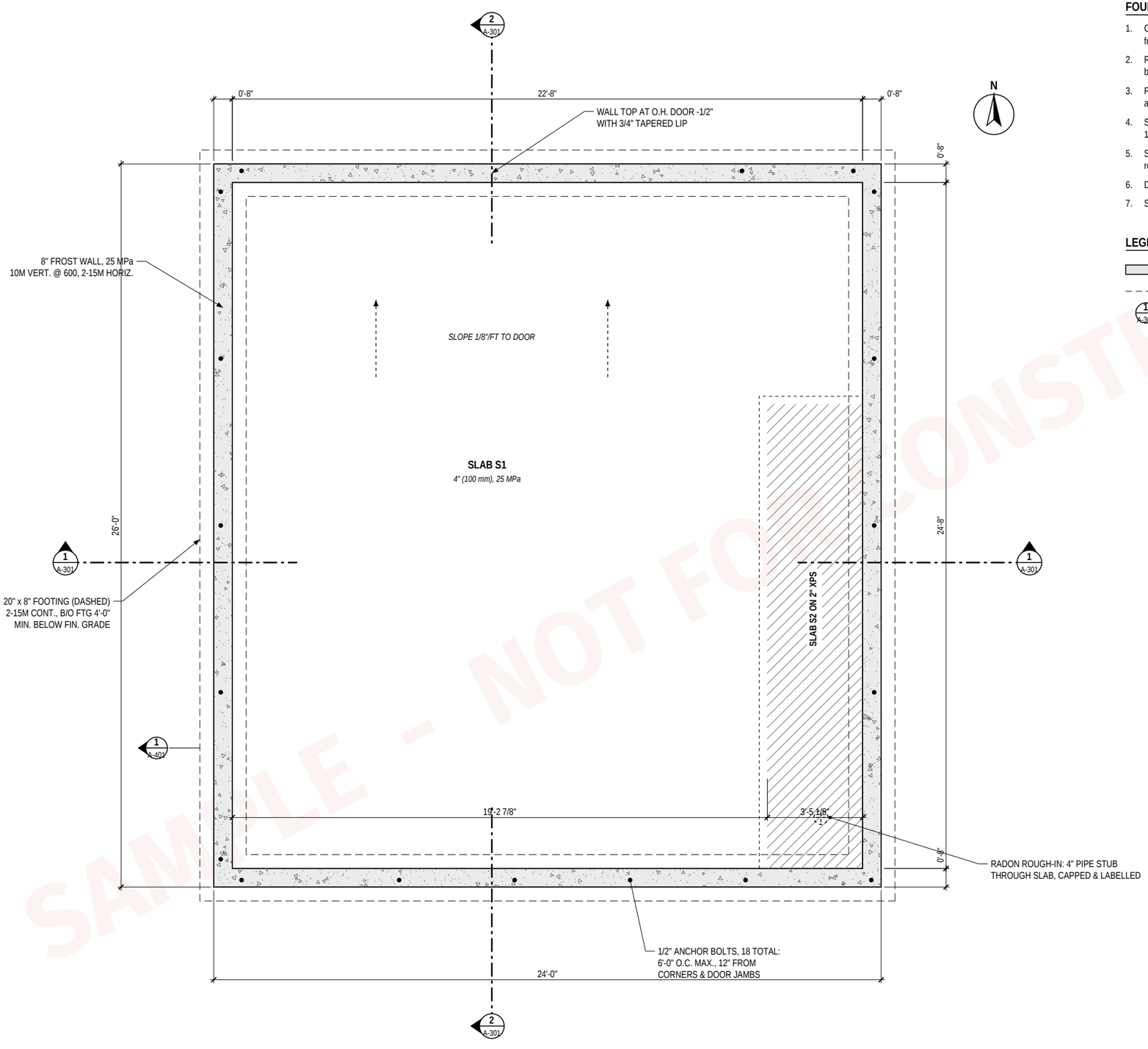

1 S-101 **FOUNDATION PLAN**

SCALE: 1/4" = 1'-0" · T/O WALL = T/O SLAB = EL. 100'-0"

0 2 4 8 FEET

FOUNDATION NOTES

1. Concrete: footings, walls and slabs 25 MPa at 28 days, max. 20 mm aggregate. Protect from freezing for 7 days (cold-weather concreting).
2. Reinforcing: CSA G30.18 Grade 400. Footing 2-15M continuous; wall 2-15M horizontal top and bottom, 10M vertical @ 600 o.c. dowelled 300 mm into footing. Lap 600 mm.
3. Footings bear on undisturbed native soil min. 4'-0" below finished grade. Allowable bearing 75 kPa assumed; verify on site.
4. Slab S1 (garage): 4" (100 mm) on 6" compacted 20 mm crushed gravel, saw-cut control joints at 10'-0" max., isolation joint at walls.
5. Slab S2 (stair / vestibule, heated): 4" slab on sealed 6 mil poly on 2" XPS on gravel, with radon rough-in (City of Calgary backyard suite checklist).
6. Damp-proof the exterior face of frost walls below grade. Backfill in 8" lifts, compacted.
7. Sill gasket under all PT sill plates. 1/2" anchor bolts with 7" embedment.

LEGEND

- Concrete (cut)
- Above / beyond / hidden
- 1 / A-302 — Section: number / sheet

SAMPLE - NOT FOR CONSTRUCTION

EXAMPLE DESIGN CO.
Residential design (fictional)

200, 456 Sample Avenue SW, Calgary, AB
403-555-0142 · studio@example.org

PROJECT
Garage Suite: backyard suite above a double garage

ADDRESS
123 Example Street NW, Calgary, AB

LEGAL / ZONING
Lot 00, Block 0, Plan 000 0000 (fictional) · R-CG

OWNER
Pat & Sam Example

ISSUED FOR
PRICING **REV 0**

NO.	DATE	DESCRIPTION
0	Jul 27, 2026	Issued for pricing

SAMPLE
NOT FOR CONSTRUCTION
Fictional project for a document-workflow demo. Not designed or reviewed by a registered professional. No seal.

DRAWN	CHECKED	DATE
EDC	EDC	2026-07-27

SCALE
1/4" = 1'-0"

DRAWING LIST

A-000	Cover sheet, project data & notes
A-100	Site plan
S-101	**Foundation plan**
A-101	Level 1 plan (garage)
A-102	Level 2 plan (suite)
A-103	Roof plan
A-201	Elevations: north & south
A-202	Elevations: east & west
A-301	Building sections
A-401	Details & assemblies
A-501	Schedules & stair
S-201	Level 2 floor framing plan
S-202	Roof framing plan

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SHEET TITLE
FOUNDATION PLAN

S-101