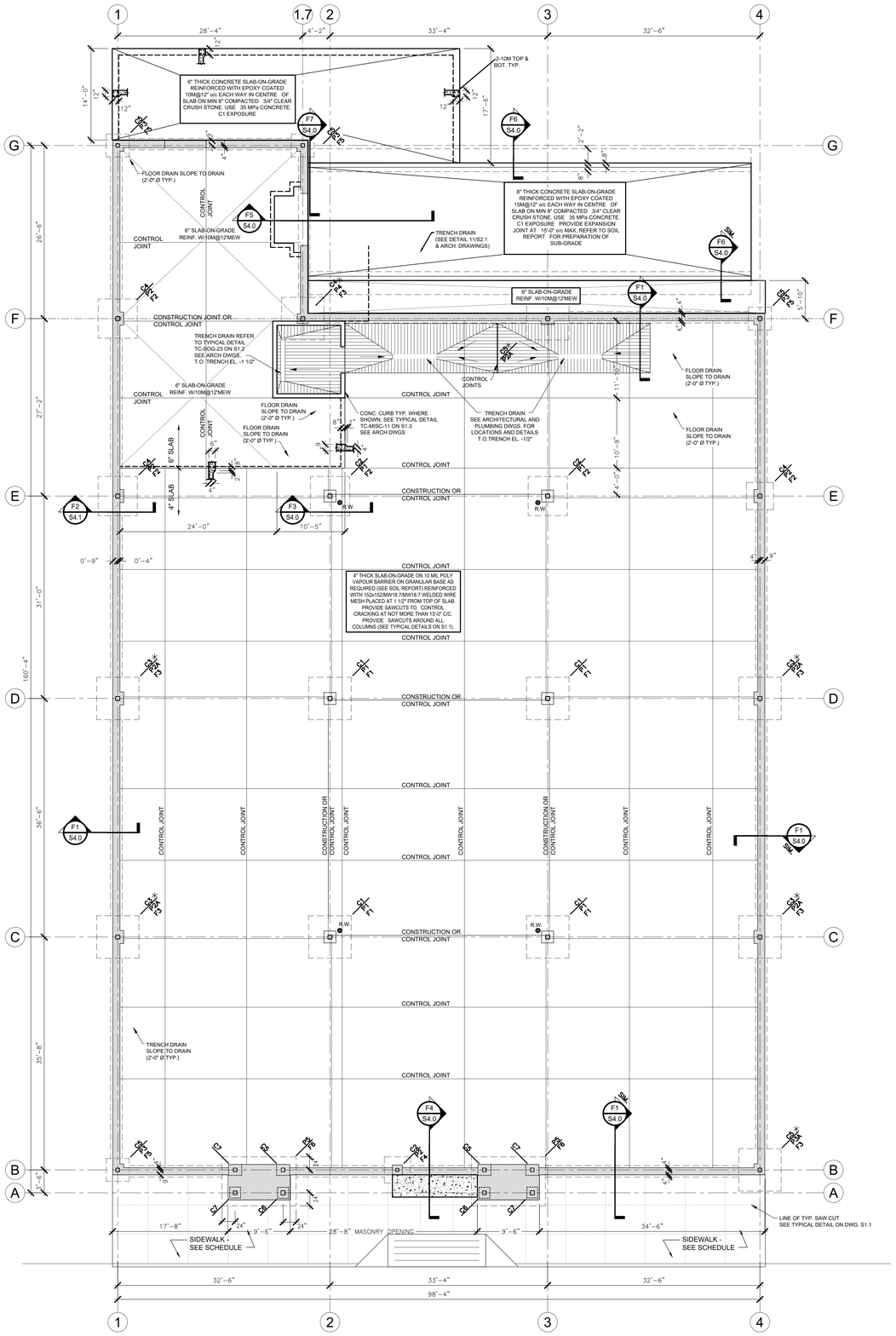

1 S2.0 FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

NORTH

FOUNDATION PLAN GENERAL NOTES:

1. FOUNDATION DESIGN IS BASED ON SOIL REPORT No. XXX, DATED XXX BY XXX, TEL. XXX.
2. ALL FOUNDATIONS SHALL BE FOUNDED ON NATIVE SOIL OR ENGINEERED FILL CAPABLE OF SAFELY SUSTAINING A BEARING PRESSURE OF 3000 P.S.F. (150 kPa) UNDER SLS LOADING CONDITIONS.
3. S.F. SHOWN ON PLAN DENOTES STEPPED FOOTING.
4. ALL EXTERIOR FOOTINGS SHALL BE FOUNDED A MINIMUM OF 4'-0" AS PER SOIL REPORT BELOW FINISHED GRADE U/N OTHERWISE ON PLAN OR SECTION. FOR REQUIRED FROST COVER AND INSULATION REQUIREMENTS REFER TO DWG. S4.0.
5. ALL WALL FOOTINGS SHALL BE 8" DEEP WITH 8" PROJECTION IN WAREHOUSE AND 4" PROJECTION IN OFFICE EACH SIDE OF WALL UNLESS NOTED OTHERWISE IN PLAN OR SECTIONS.
6. SLAB ON GRADE SHALL BE AS NOTED ON PLAN.
7. REFER TO GENERAL NOTES ON DWG. S100. FOR CAST-IN CONCRETE AND REINFORCING STEEL DETAILS
8. SUB SOIL AT FOOTING LEVELS SHALL BE INSPECTED BY SOILS ENGINEER BEFORE POURING CONCRETE. LEVELS SHOWN ON PLAN MAY VARY TO SUIT ACTUAL FIELD CONDITIONS.
9. ELEVATION TO UNDERSIDE OF FOOTINGS ARE SHOWN THUS ON PLAN.
10. FOR GENERAL NOTES AND TYPICAL DETAILS SEE DRAWING S100 SERIES.
11. FOR EXTENT OF 2" THICK RIGID INSULATION UNDER EXTERIOR SLABS & SIDEWALKS, REFER TO ARCHITECTURAL DWGS.

SLAB ON GRADE WITH VAPOUR RETARDER:

1. PROVIDE 10-MIL POLYETHYLENE VAPOUR RETARDER ON THE SUB-BASE PRIOR TO THE CONSTRUCTION OF THE SLAB-ON-GRADE.
2. VAPOUR RETARDER SHALL CONFORM TO ASTM E 1745.
3. VAPOUR RETARDER SHEETS SHALL BE OVERLAPPED BY 6 INCHES AT THE SEAMS AND TAPED.
4. VAPOUR RETARDER SHEETS SHALL BE SEALED AROUND UTILITY OR COLUMN OPENINGS, FOUNDATION WALL, AND FOOTINGS.
5. VAPOUR RETARDER SHEETS SHALL BE PLACED ON SMOOTH, COMPACTED FILL. NO COARSE MATERIAL SUCH AS CRUSHED STONES IS ALLOWED UNDERNEATH THE VAPOUR RETARDER.
6. NOTIFY THE ARCHITECT AFTER THE VAPOUR RETARDER IS IN-PLACE FOR INSPECTION. THE NOTIFICATION MUST BE GIVEN 48 HOURS PRIOR TO THE CONSTRUCTION OF THE SLAB-ON-GRADE.
7. EXERCISE EXTREME CARE TO PREVENT DAMAGE TO THE VAPOUR RETARDER AFTER IT IS IN PLACE AND DURING THE CONSTRUCTION OF THE SLAB-ON-GRADE.
8. THE FINISHED SLAB-ON-GRADE SHALL BE MOIST CURE FOR MINIMUM 7 CONSECUTIVE DAYS AT A MINIMUM TEMPERATURE OF 10 DEGREE CELSIUS.
9. COMPLETED SLAB-ON-GRADE SHALL BE PROTECTED FROM RAIN, FLOOR WASHING, AND ANY OTHER TYPE OF ACTIVITIES THAT WILL PREVENT OR DELAY THE EVAPORATION OF THE BLEED WATER TRAPPED ON THE VAPOUR RETARDER AND INCREASE THE DRYING TIME OF THE SLAB-ON-GRADE.
10. THE SLAB-ON-GRADE SHALL HAVE A MOISTURE VAPOUR EMISSION RATE OF NOT MORE THAN THREE(3) POUNDS PER 1000 SQUARE FEET WHEN TESTED USING ANHYDROUS CALCIUM CHLORIDE. TEST IN ACCORDANCE WITH THE PROCEDURE OF ASTM STANDARD F1869-98 AT LEAST THREE(3) WEEKS PRIOR TO THE OCCUPANCY DATE.

CLIENT:

PETSMART

19601 North 27th Avenue
Phoenix, Arizona 85027 - (623) 580-6100

CLIENT REF #: 1234

PROJECT:

14K 2025 CANADIAN INSTRUCTION SET

FEBRUARY 12, 2025

CONSULTANT:

ARCHITECT:

SEAL:

CITY SEAL:

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THIS DRAWING IS NOT TO BE SCALED.

ISSUED FOR:

NUMBER	ISSUE	DATE

PROJECT NO: CA0045686.0146

DATE: 02.12.25

ORIGINAL SCALE: AS NOTED

DESIGNED BY:

DRAWN BY:

CHECKED BY:

IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE. 1"

PAGE #: 30 OF: 53

DISCIPLINE: STRUCTURAL

TITLE:

FOUNDATION PLAN

SHEET NUMBER:

S2.0