

Basement exit could be off the side, but not directly below a window

- Note blackboards could be on any wall
- All measurements are to framing add 1/2" for drywall
- Max. occupant load 40

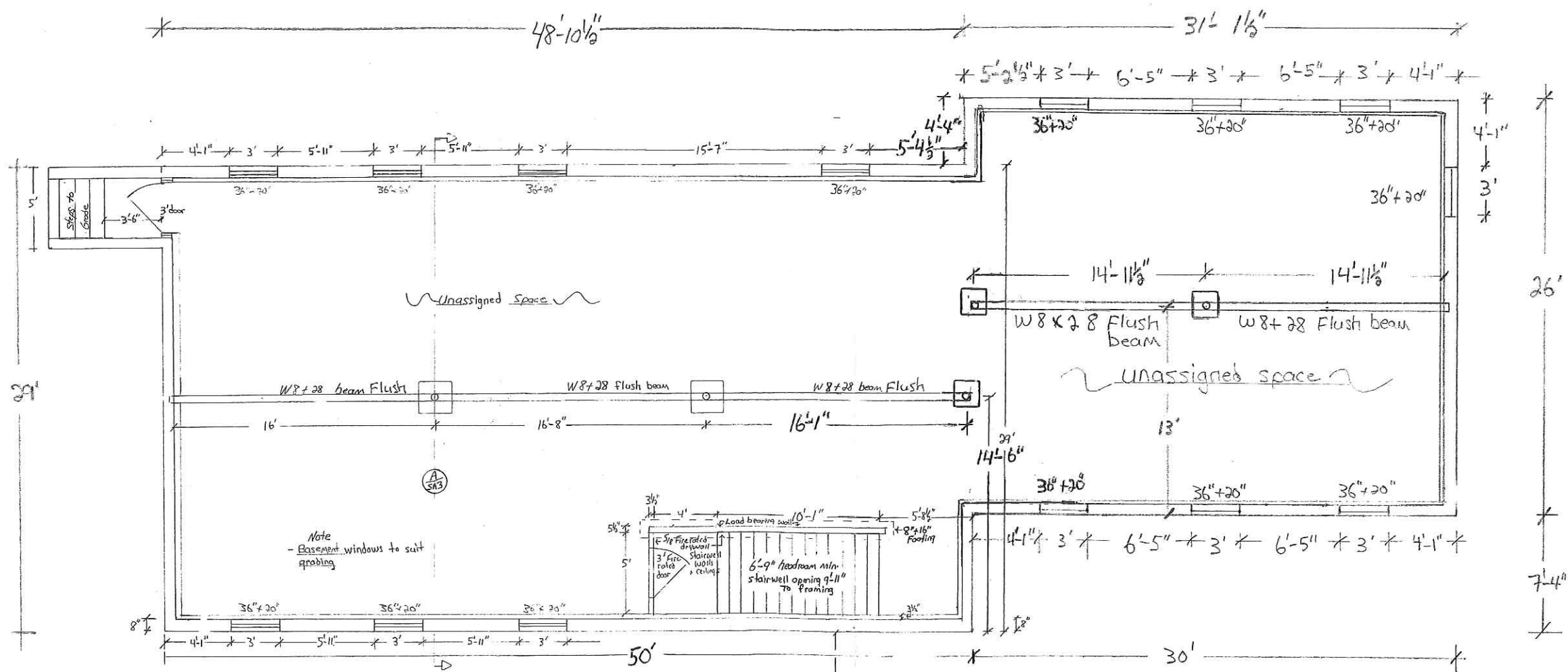
Note add 1/2" for drywall all measurements to framing

30+26 Classroom see SC1 Plan

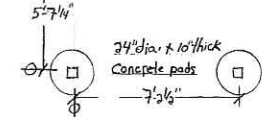
42" wide 36" between railings
Wheelchair ramp
1/12 slope max.

could have steps down from here if needed

2 room ENLARGED
Aug. 2021 1/4" = 1ft scale
Washroom area
Plan C | SC1A

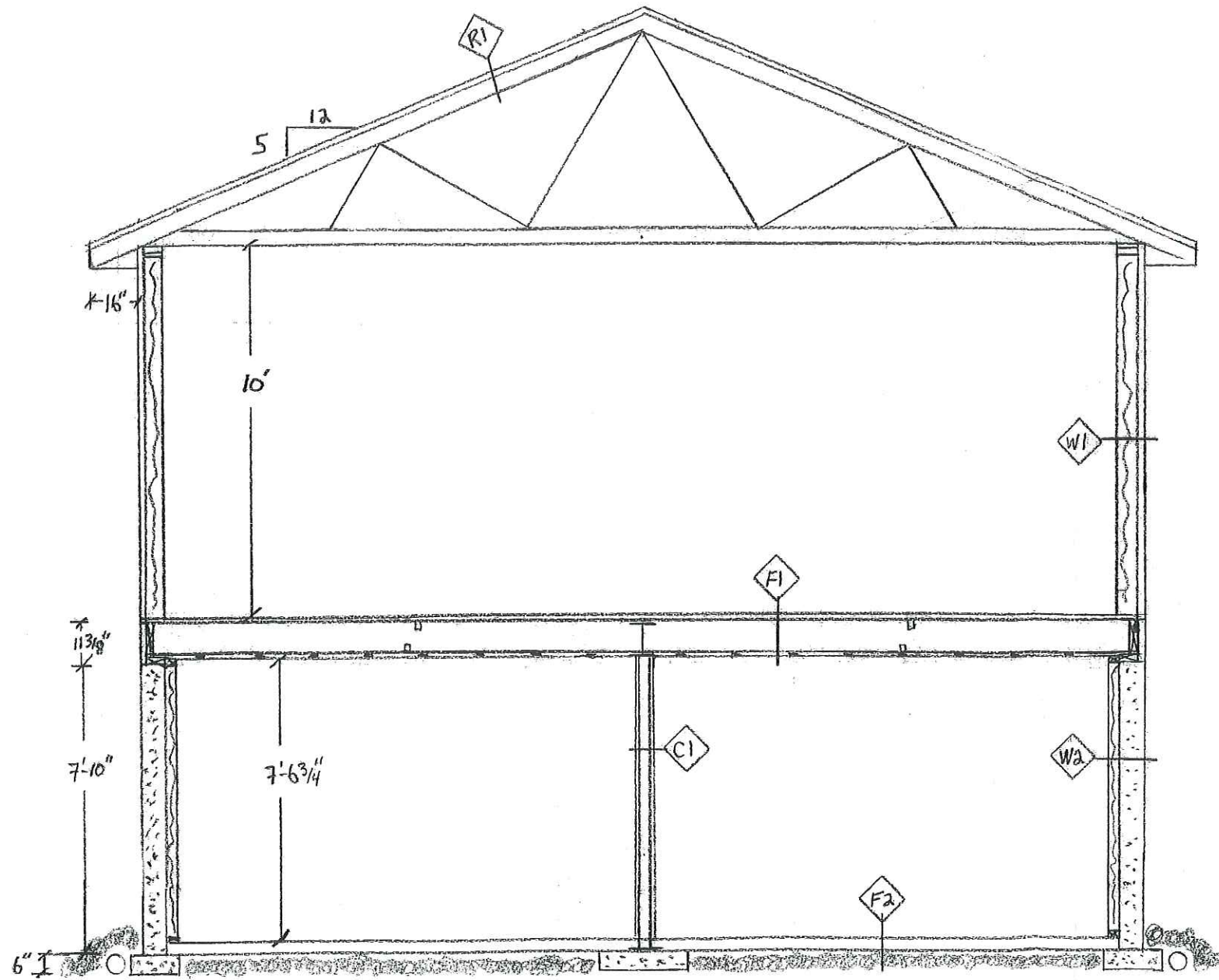


THIS AREA ENLARGED PAGE SC2A



2 Room school	
Aug. 2021	1/8" = 1 FT Scale
Basement Plan	
Plan C	SC2

29 ga prepainted steel or asphalt shingles
 5/8" Plywood sheathing w/felt paper
 Preengineered Trusses @ 2' o.c. 5/12 slope
 Truss tie downs + bracing
 Perforated soffit + attic vents
 R-50 blown in cellulose attic insulation
 1x4 + 16" o.c. strapping + 6 mil vapour barrier
 1/2" dry wall ceiling taped + sanded



Cross Section A

Prepainted 29 ga steel siding + flashings
 1" R-6 R+ board or ISO insulation board w/joints taped or tyvek
 1/2" plywood on studs
 2x6 + 16" o.c. studs
 R-20 or R-22 Fibreglass insulation + 6 mil vapour barrier
 1/2" dry wall taped + sanded
 Vinyl windows Low E argon with tyvek jamb wraps

6" + 18" concrete strip footings 20 mpa
 8" + 7'-10" concrete foundation wall 20 mpa
 4" big o drain tile around perimtre of footing to gravity outlet
 6" of 3/4" washed stone over tile drain
 Damproof tar spray foundation w/ Delta wrap or drainguard etc.
 Tyvek between foundation wall + studs
 2x4 + 2' o.c stud wall against concrete
 R-12 insulation batts w/ 6 mil vapour barrier
 1/2" plywood wall liner or (dry wall if required + 2x4 @ 16" o.c.)

Industrial grade vinyl tile or heavy grade laminate flooring
 5/8" T + 6 subfloor glued + screwed
 2x10 + 16" o.c. floor joists with x bridging + 2x10 ring joist
 Tyvek joist header wrap + 1 1/2" s.m. insul. board on rim joist
 1x3 + 16" o.c strapping below joists
 5/8" Type x firecode dry wall taped + sanded
 Flush beam joists to bear on bottom flange of I beam w/solid blocking

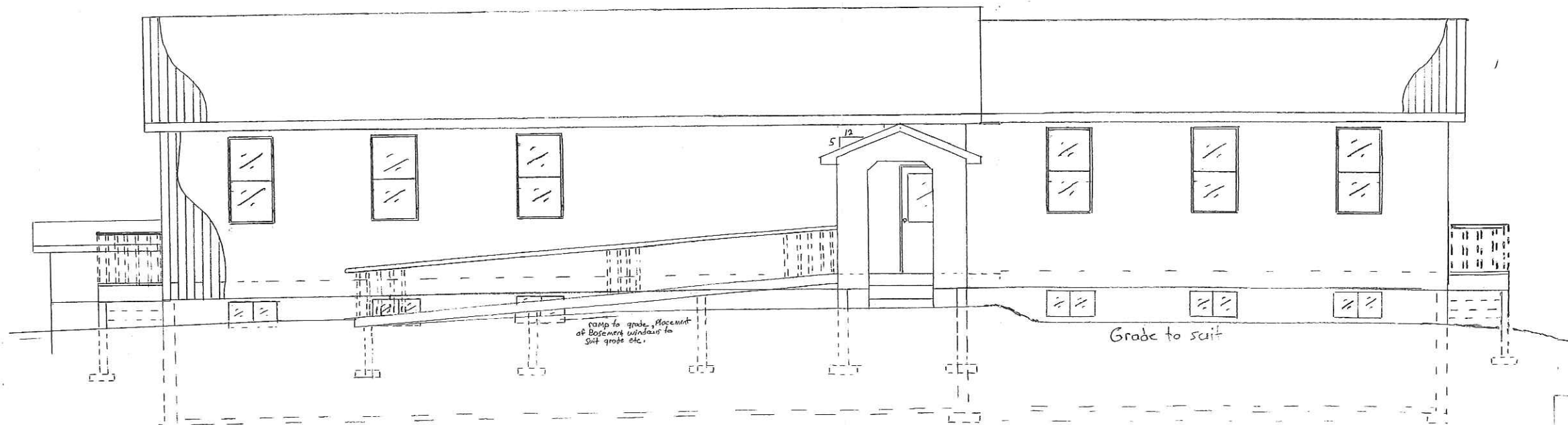
4" + 25 mpa power trowelled concrete floor
 6" - 3/4" stone below concrete floor

1/2" dry wall taped + sanded
 2x4 + 16" o.c. interior wall non load bearing stud wall
 1/2" dry wall taped + sanded

Same as above but 2x6 + 16" o.c. studs

4x4 + 3/16" HSS. post column. wrapped with 5/8" Type x fire rated dry wall
 or optional 8x8" heavy timber post.
 6x6 + 1/2" steel plate top + bottom steel column.
 28" + 28" x 10" thick concrete footing

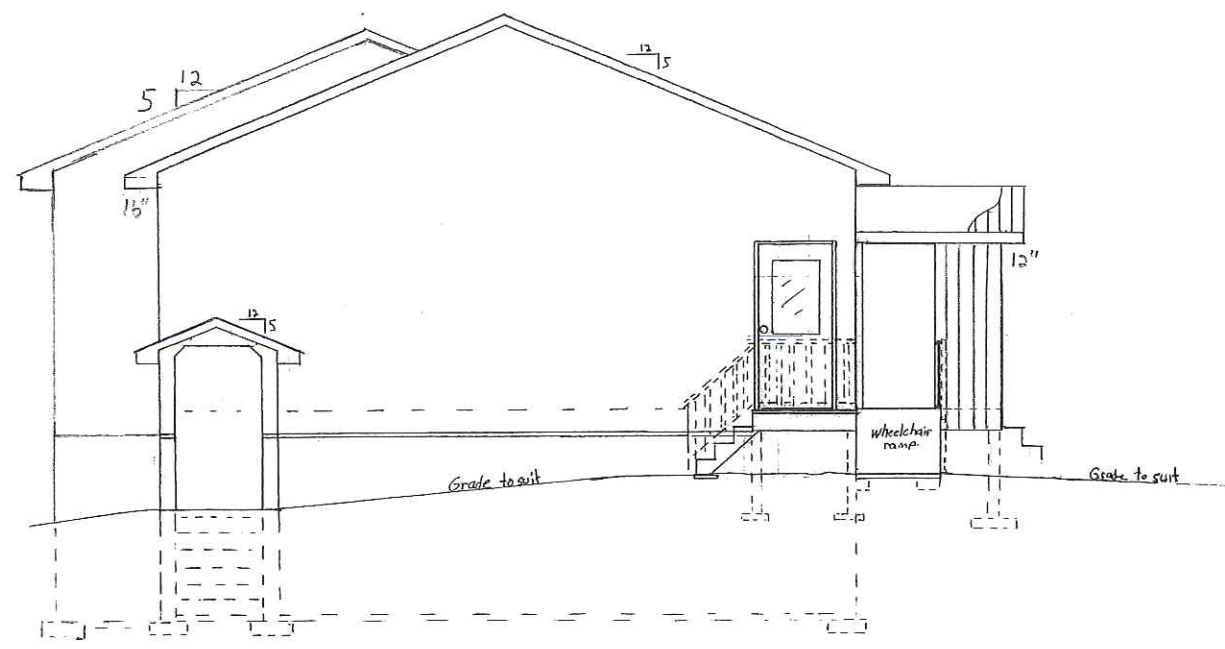
2 Room School	
Aug, 2021	1/4" = 1 FT Scale
CROSS Section A	
Plan c.	SC 2



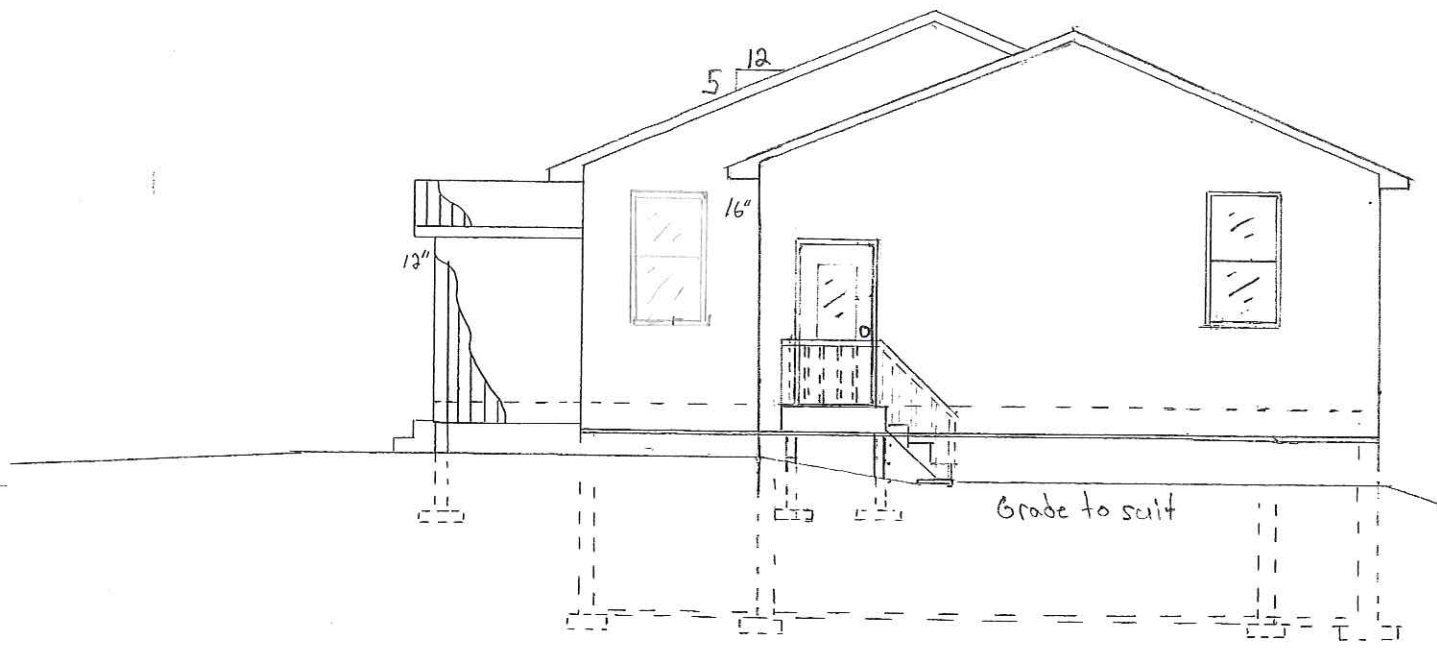
ramp to grade, Placement of Basement windows to suit grade etc.

Grade to suit

2 Room School	
Aug. 2021	1/8" = 1 Ft Scale
Front Elevation	
Plan C	SCY

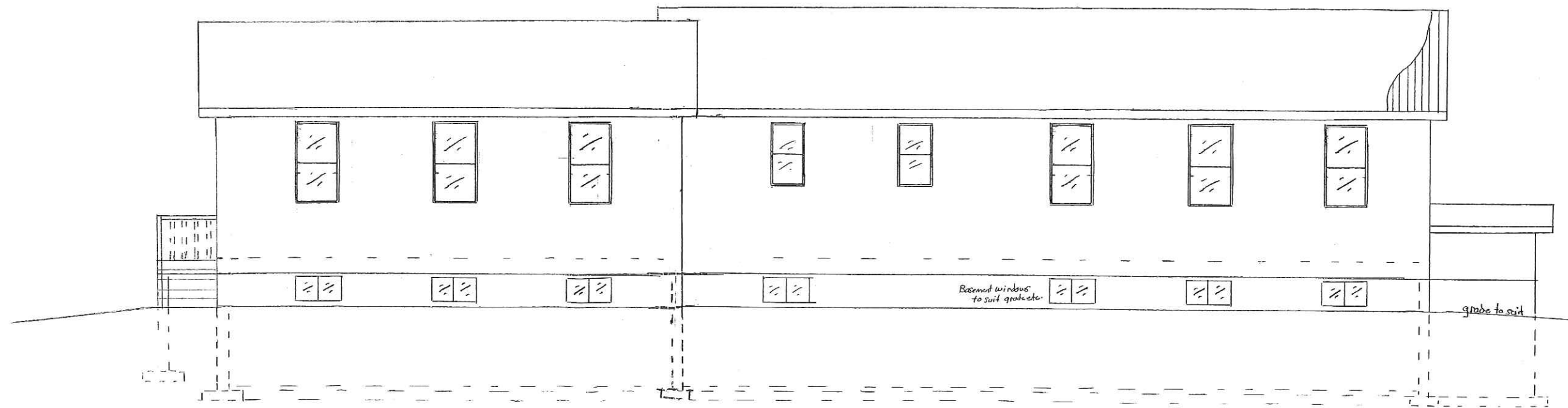


Left Elevation
 $\frac{1}{8}'' = 1 \text{ Ft Scale}$



Right Elevation
 $\frac{1}{8}'' = 1 \text{ Ft Scale}$

2 Room School	
Aug. 2021	$\frac{1}{8}'' = 1 \text{ Ft scale}$
Left and Right Elevation	
Plan C	SC 5



2 Room School	
Aug. 2021	1/8" = 1 Ft. Scale
Rear Elevation	
Plan C	SC 6