



# TOWNSHIP OF BRUCE

## Building Department

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## DECK CONSTRUCTION INFORMATION

Revised 4/2023

### Building Permit Application Requirements:

- two (2) sets of construction plans (see example)
- site plan indicating size, shape and distances from property lines, existing buildings and easements (see example)
- building permit application
- A non-refundable fee of \$100.00 shall be submitted at the time of application.

Fees: *Per Inspection Fee \$75.00 Decks- \$0.20 square foot Plan review fee- \$50.00*

### General Construction Information:

Foundation: posts to be set a minimum of 42" below grade

Framing Material: all material in contact with the ground is to be .40 pressure treated and labeled "ground contact acceptable".

Framing Fasteners: all nails, bolts, brackets and fasteners shall be of zinc, zinc coated, or other approved corrosion-resistive fasteners.

### Framing Requirements:

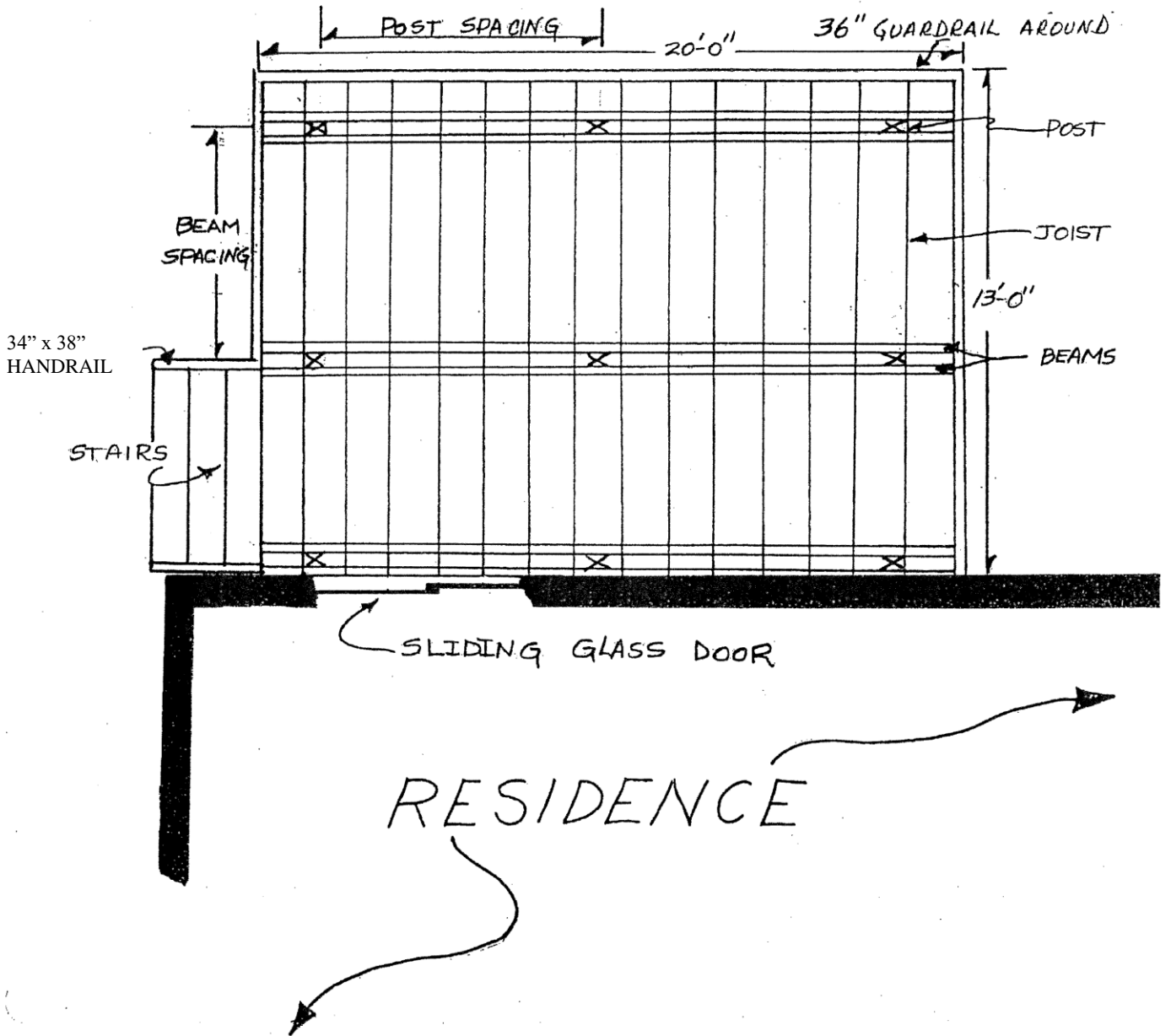
- posts - minimum size 4" x 4"
- beams -

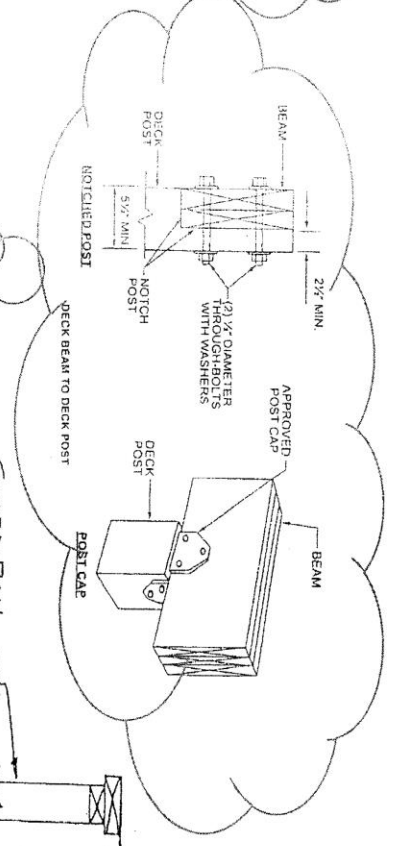
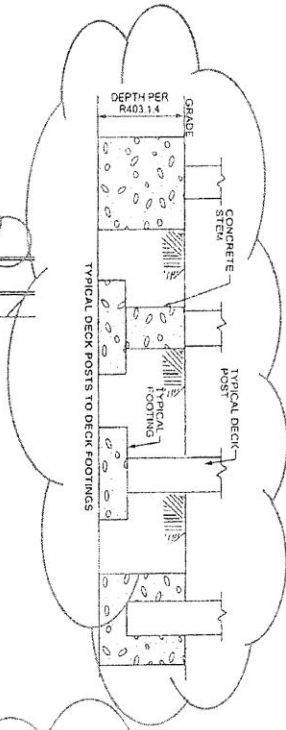
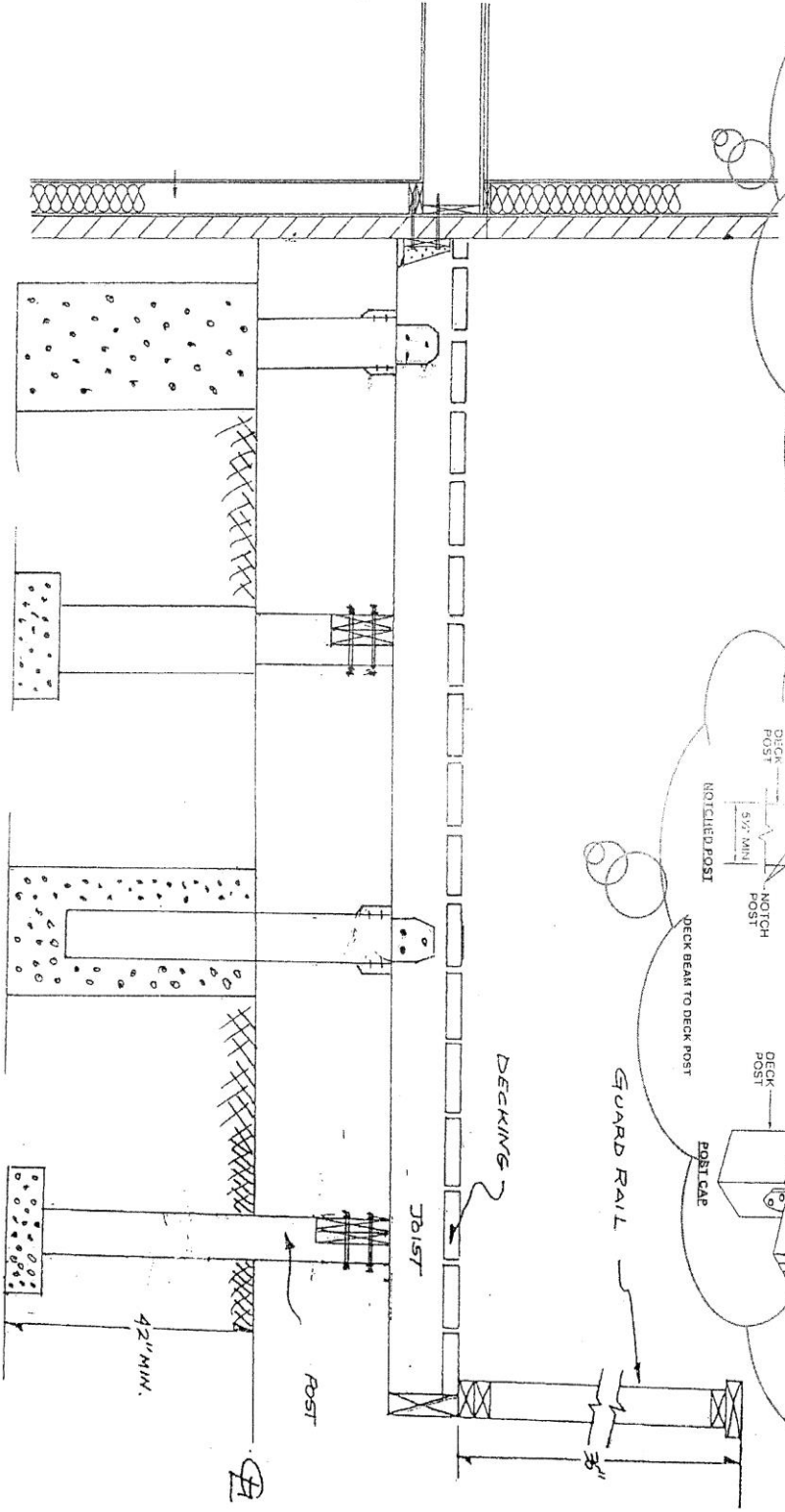
quantity	size	span	
2	2" x 6"	5'4"	(Maximum clear span based on 10' span each side of beams.
2	2" x 8"	6'4"	
3	2" x 6"	6'8"	
2	2" x 10"	8'0"	40 lbs. live load)
3	2" x 8"	8'6"	
2	2" x 12"	10'	
3	2" x 10"	10'	

c. floor joists size	maximum clear span	
	16" on center	24" on center
2" x 6"	9'0"	7'7"
2" x 8"	11'10"	9'8"
2" x 10"	14'	11'5"

Handrails and Guardrails: Handrails are required on both sides of stairs with 3 or more risers. Hand rails are required on both sides of stairs with a width of 44" or more. Handrails are to be not less than 34" or more than 38" measured vertical from the nosing of treads. Guardrails are to be a minimum of 36" above finished floor with intermediate rails or ornamental closures with a maximum of 4" between. A guard rail is required when height is 30" or more from grade.

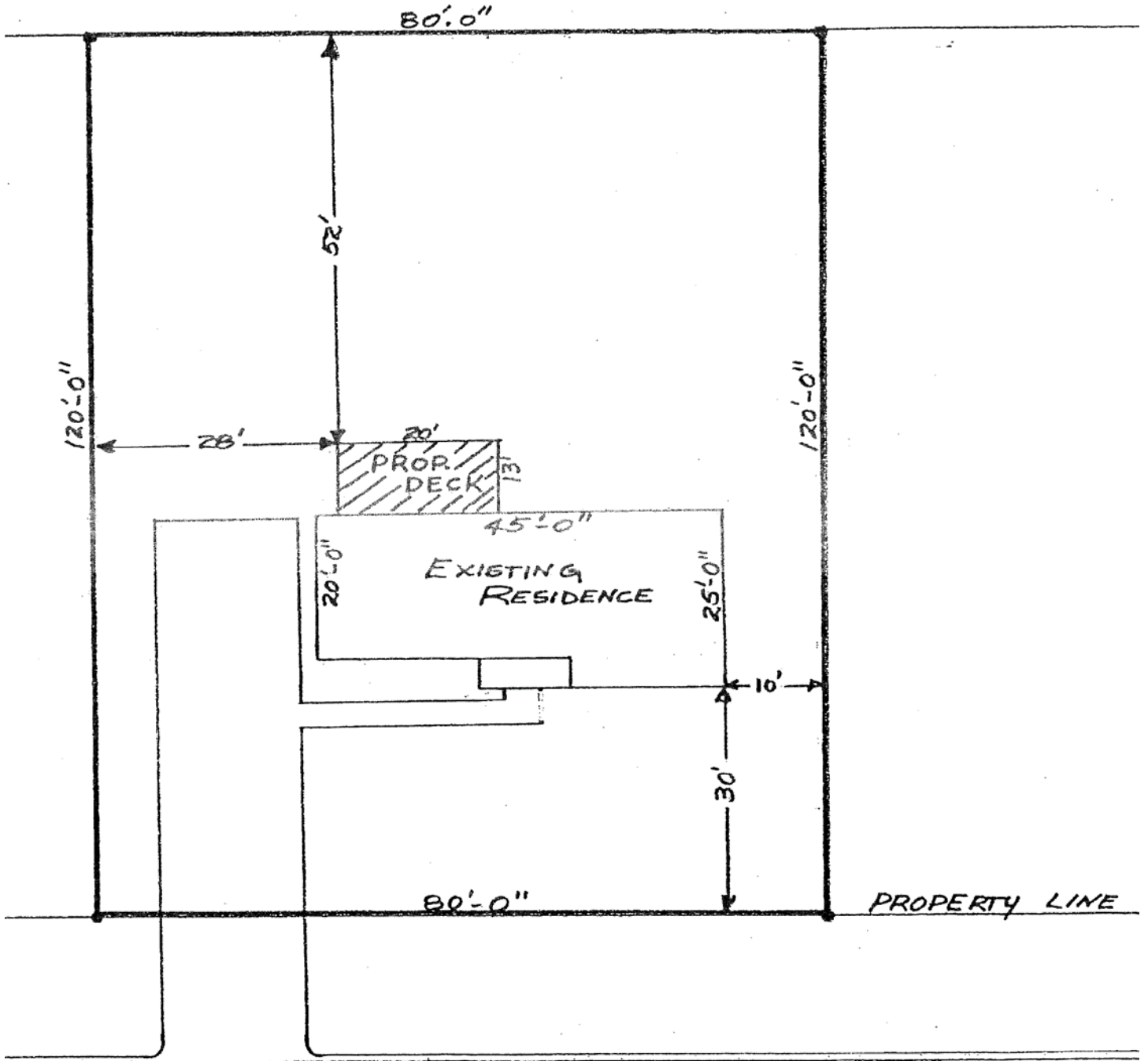
TYPICAL DECK FRAMING PLAN





Deck Post & Foundation Examples

TYPICAL SITE PLAN



**ROAD**  
SCALE 1" = 20'-0"

CENTERLINE OF ROAD