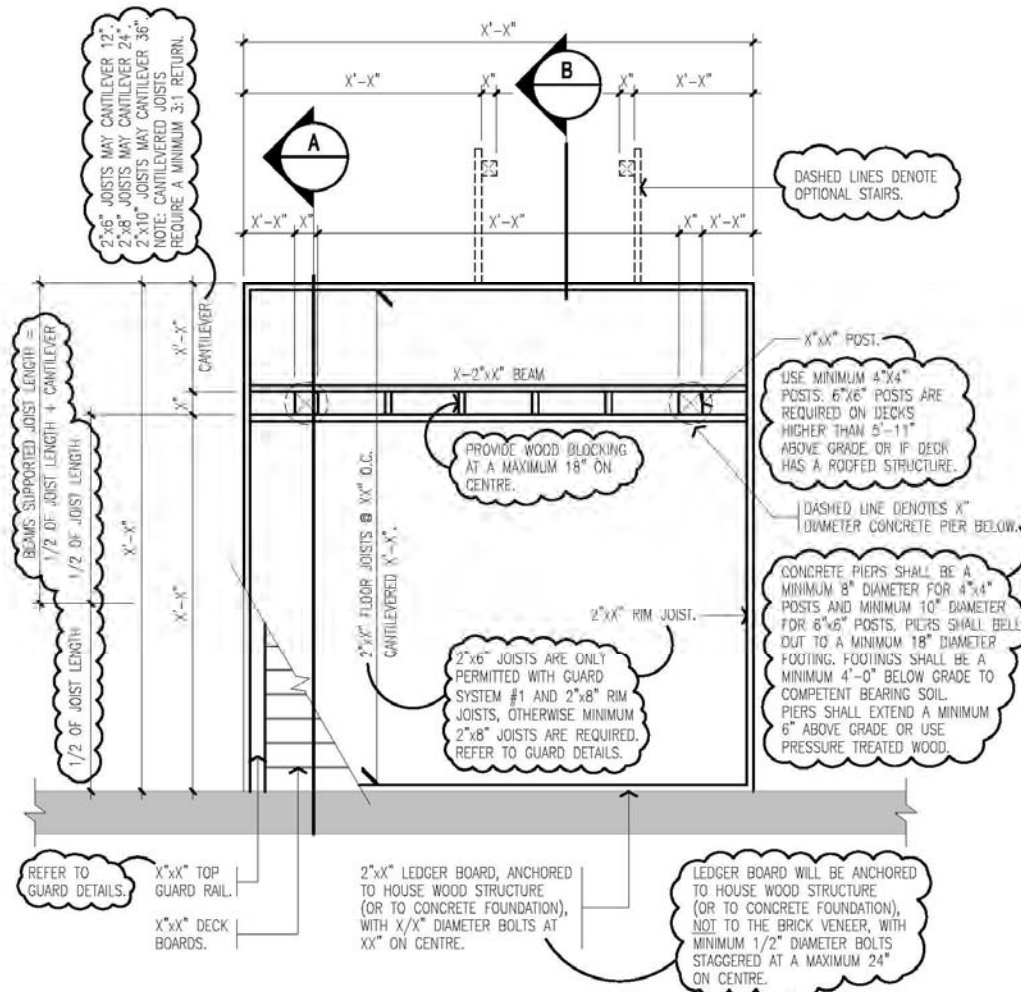


# DECKS AND EXTERIOR GUARDS FOR HOUSING



**\*\*REFER TO SPAN TABLES ON SHEET 3\*\***

## NOTES:

1. DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION
2. DRAWINGS ARE FOR SAMPLE PURPOSES ONLY
3. DO NOT SUBMIT THIS DRAWING AS PART OF YOUR DRAWING PACKAGE
4. PLANS SUBMITTED FOR REVIEW ARE TO BE DRAWN AT A RECOGNIZED SCALE. FOR EXAMPLE 1/4" = 1' OR 1/2" = 1'.
5. REFER TO THE TOWN OF ERIN ZONING BY-LAW FOR ZONING REQUIREMENTS.

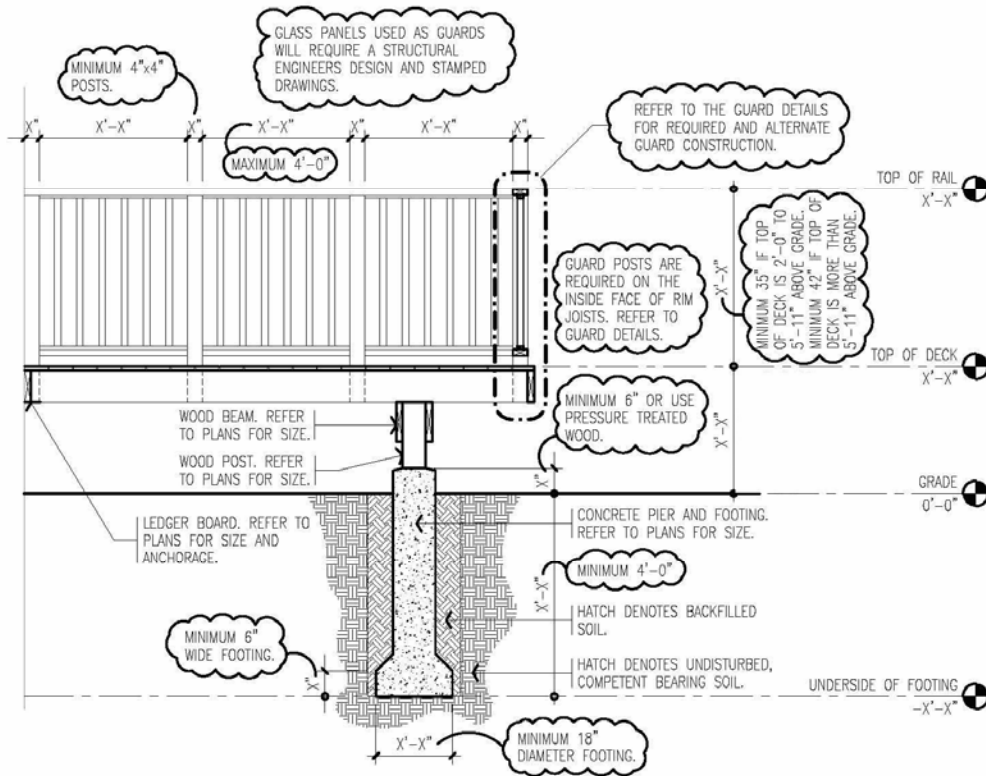
## LEGEND:



DENOTES MINIMUM CODES

X' - X", X",  
2 x X", XX DENOTES INFORMATION THAT IS REQUIRED IN YOUR DRAWING PACKAGE, THIS INFORMATION CONSISTS OF DIMENSIONS, SIZES FOR STRUCTURAL ELEMENTS AND OTHER MATERIALS

# DECKS AND EXTERIOR GUARDS FOR HOUSING



**\*\*FOR LOTS CONTAINING ENGINEERED FILL REFER TO CONNECTION DETAILS HANDOUT\*\***

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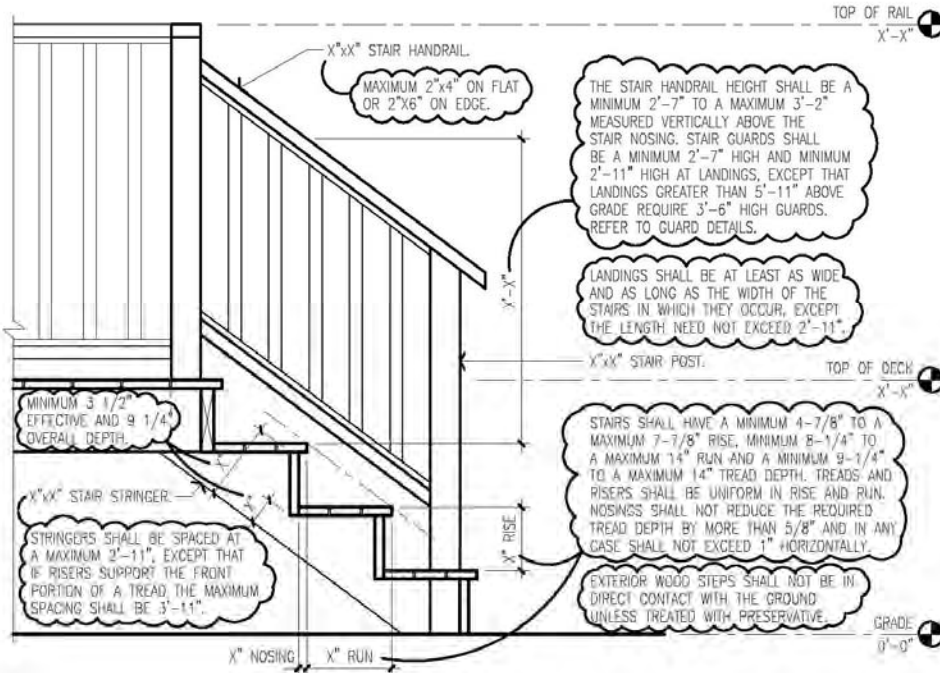
## LEGEND:



DENOTES MINIMUM CODES

X' - X'', X'', 2 x X'', XX DENOTES INFORMATION THAT IS REQUIRED IN YOUR DRAWING PACKAGE, THIS INFORMATION CONSISTS OF DIMENSIONS, SIZES FOR STRUCTURAL ELEMENTS AND OTHER MATERIALS

# DECKS AND EXTERIOR GUARDS FOR HOUSING



DECK JOIST	S-P-F #1 & 2	2"x6"			2"x8"			2"x10"		
		SPACING - ON CENTRE			SPACING - ON CENTRE			SPACING - ON CENTRE		
		12"	16"	24"	12"	16"	24"	12"	16"	24"
STRAPPING		9'-7"	8'-11"	8'-2"	11'-7"	11'-0"	10'-6"	13'-8"	13'-0"	12'-4"
BRIDGING		10'-4"	9'-4"	8'-2"	12'-5"	11'-9"	10'-9"	14'-6"	13'-8"	12'-10"
BRIDGING & STRAPPING		10'-4"	9'-4"	8'-2"	13'-1"	12'-2"	10'-9"	15'-1"	14'-1"	13'-2"

DECK BEAM	S-P-F #1 & 2	2"x8"			2"x10"			2"x12"		
		NUMBER OF MEMBERS			NUMBER OF MEMBERS			NUMBER OF MEMBERS		
		2-PLY	3-PLY	4-PLY	2-PLY	3-PLY	4-PLY	2-PLY	3-PLY	4-PLY
8'-0"		8'-7"	10'-7"	12'-2"	10'-6"	12'-11"	14'-11"	12'-2"	15'-0"	17'-4"
10'-0"		7'-8"	9'-5"	10'-11"	9'-4"	11'-7"	13'-4"	10'-10"	13'-5"	15'-6"
12'-0"		7'-0"	8'-8"	10'-0"	8'-6"	10'-7"	12'-2"	9'-11"	12'-3"	14'-2"
14'-0"		6'-6"	8'-0"	9'-3"	7'-11"	9'-9"	11'-3"	9'-2"	11'-4"	13'-1"
16'-0"		6'-1"	7'-6"	8'-8"	7'-5"	9'-2"	10'-7"	8'-7"	10'-7"	12'-3"
18'-0"		5'-9"	7'-1"	8'-2"	6'-11"	8'-7"	9'-11"	8'-1"	10'-0"	11'-7"
20'-0"		5'-5"	6'-8"	7'-9"	6'-8"	8'-2"	9'-5"	7'-8"	9'-6"	10'-11"

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**LEGEND:**



DENOTES MINIMUM CODES

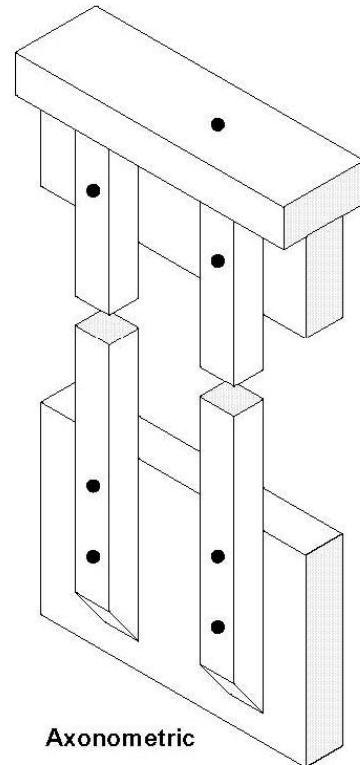
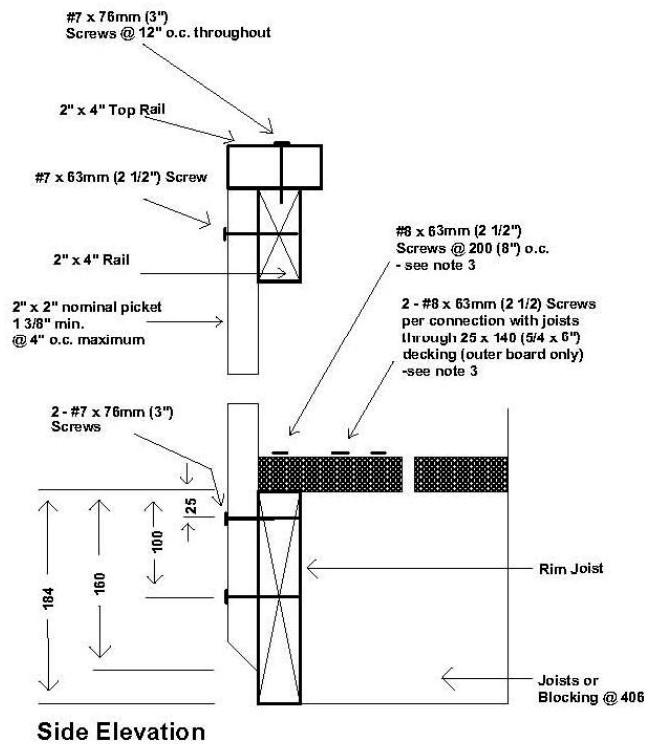
X' - X", X",  
2 x X", XX DENOTES INFORMATION THAT IS REQUIRED IN YOUR DRAWING PACKAGE, THIS INFORMATION CONSISTS OF DIMENSIONS, SIZES FOR STRUCTURAL ELEMENTS AND OTHER MATERIALS

# DECKS AND EXTERIOR GUARDS FOR HOUSING

## EXTERIOR GUARDS FOR HOUSING

### SYSTEM #1

### CANTILEVERED PICKET SCREWED TO RIM JOIST FROM SB-7 O.B.C.



\* O.C.- on centre

- 1) Provide a suitable post, return, or solid support at each end of the guard
- 2) Fasten rim joist to each floor joist with 3-82mm (3 1/4") nails
- 3) The outer deck board shall not be less than 140mm (6" nominal wide). Where 38mm (2" nominal) thick board are used, the length of the wood screws shall be not less than 76mm (3").

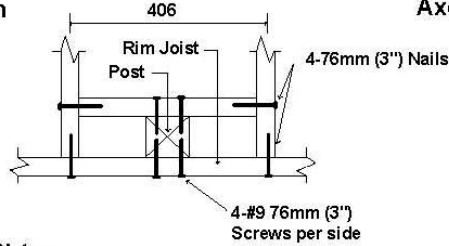
**\*Note: Consult Building Department  
for any variance to design**

# DECKS AND EXTERIOR GUARDS FOR HOUSING

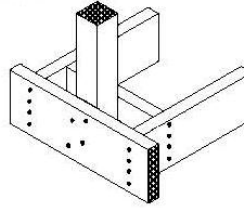
## POST CONNECTION DETAILS MAXIMUM SPACING 4' BETWEEN POSTS FROM SB-7 O.B.C.

### Post Screwed to Rim Joist

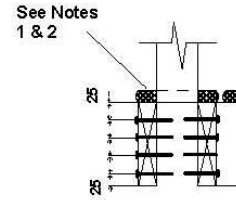
Plan



Axonometric



Side Elevation

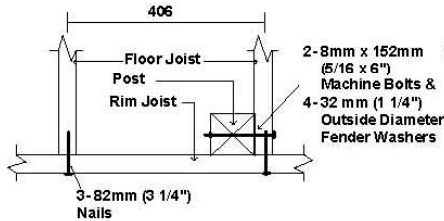


Notes:

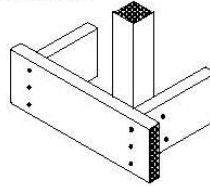
1. Fasten 25mm x 140mm (5/4 x 6" nominal) outer deck board to rim joist with 63mm (2 1/2") nails @
2. Fasten 25mm x 140mm (5/4 x 6" nominal) outer deck board to floor joist with 1-63mm (2 1/2") nail
3. The post may be positioned anywhere between the joists.

### Post Bolted to Floor Joist- 8mm (5/16") Bolts

Plan



Axonometric

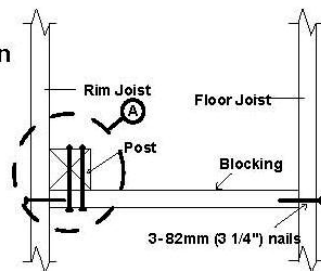


Notes:

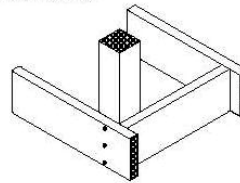
1. Where floor joists are spaced at 610mm (24") o.c., decking shall have a minimum thickness of 38mm (1 1/2") and shall be fastened to the floor with 2 -76mm (3") nails.

### Post Fastened to Floor, Guard Parallel to Floor Joists

Plan



Axonometric



**\*Note: Consult Building Department for any variance to design**

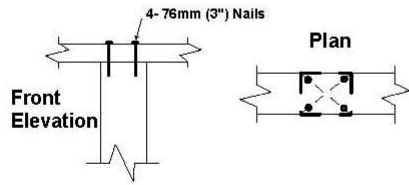
Notes: Use any connection detail above at Location "A"

# DECKS AND EXTERIOR GUARDS FOR HOUSING

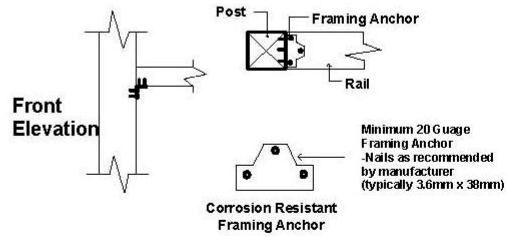
## SYSTEM #2      EXTERIOR GUARDS FOR HOUSING

### TOP/BOTTOM RAIL DETAILS FROM SB-7 O.B.C.

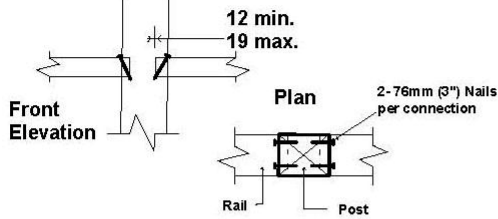
**Option #1**  
Top Rail Only



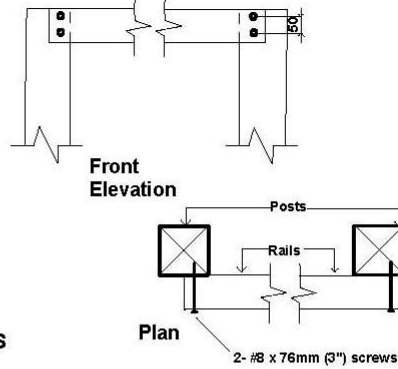
**Option #2**  
Top or Bottom Rail



**Option #3**  
Top or Bottom Rail



**Option #4**  
Top or Bottom Rail



**MINIMUM SIZE OF LOADBEARING ELEMENTS- ALL SYSTEMS**

Guard Element	Minimum Size, mm (in.)
Post	89 x 89 (4" x 4" nominal)
Top Rail	39 x 89 (2" x 4" nominal)
Bottom Rail	39 x 89 (2" x 4" nominal)
Picket/ Baluster	32 x 32 (1 9/32" x 1 9/32" nominal)

\*Picket Infill Between Posts  
- min. 1 3/8" x 1 3/8" @ 4" o.c. max.  
screwed at Top & Bottom

\*Note: Consult Building Department  
for any variance to design

# DECKS AND EXTERIOR GUARDS FOR HOUSING

## BEAM AND POST CONNECTIONS

TO ALLOW FOR FUTURE RAISING OF DECK IN  
CASE OF SETTLEMENT

