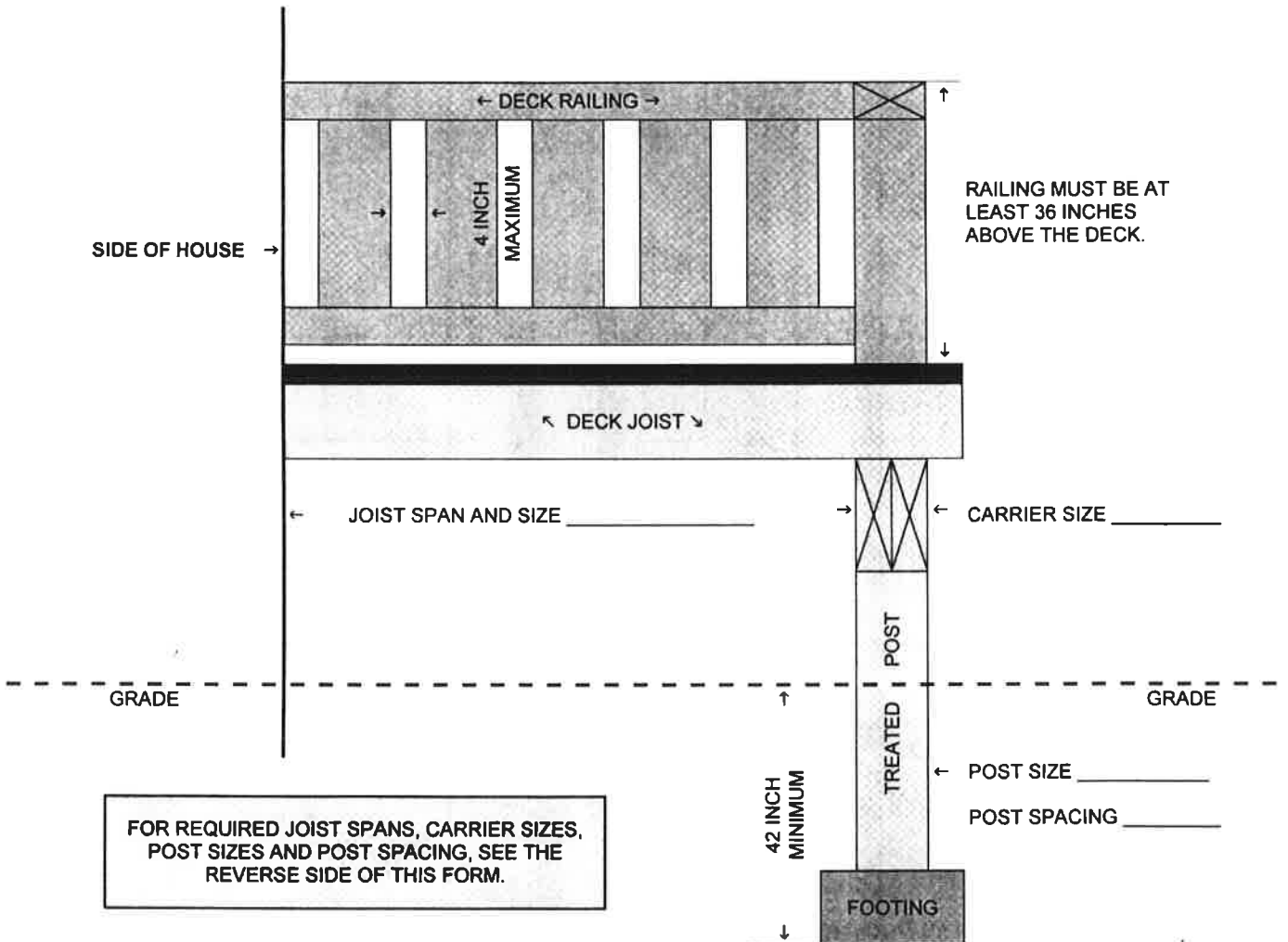
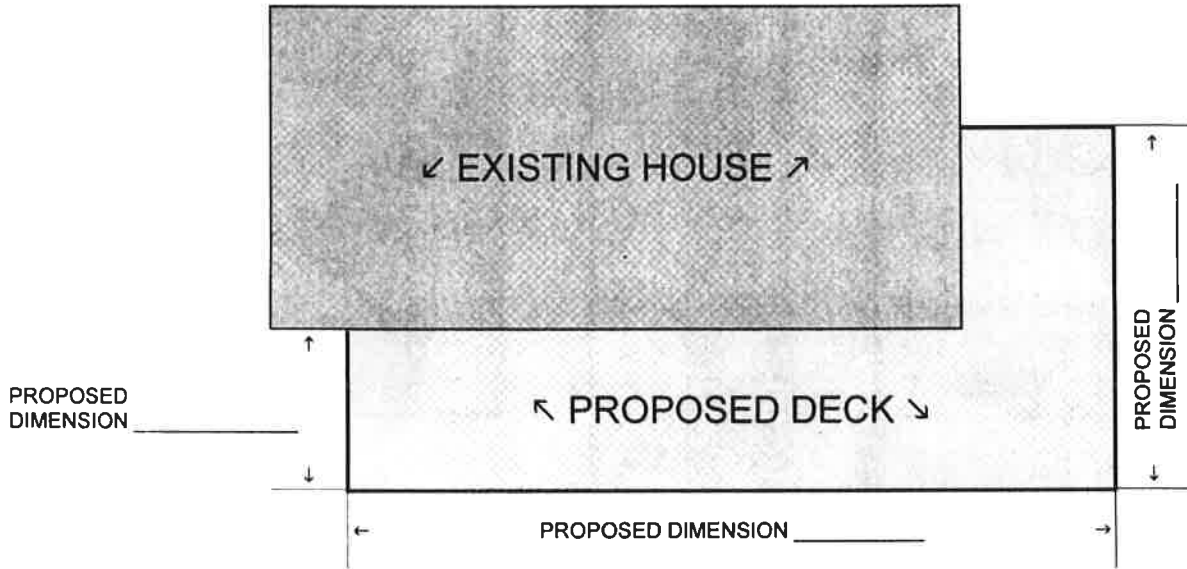


Oneida Charter Township
Department of Construction Codes

11041 Oneida Rd, Grand Ledge, MI 48837
Telephone: (517) 622-8078 Fax: (517) 622-8671

"OUR GOAL IS TO PROVIDE A SAFER PLACE TO LIVE, WORK AND PLAY"

DECK PLAN AND SITE DETAIL



FOR REQUIRED JOIST SPANS, CARRIER SIZES,
POST SIZES AND POST SPACING, SEE THE
REVERSE SIDE OF THIS FORM.

STANDARD WOOD DECKS

This chart does not include any roof loading or concentrated loads such as Hot Tubs or Large Barbecue Grills.

CARRIER SIZES FOR DECKS

TOTAL WIDTH OF DECK (From the house to outside edge of the deck)	SUPPORT POST SPACING													
	TREATED #2 DOUGLAS FIR-LARCH OR SOUTHERN PINE					TREATED #2 RED/PONDEROSA PINE								
	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET
4 Feet														
6 Feet														
8 Feet														
10 Feet														
12 Feet														
14 Feet														
16 Feet														

Note: Design formulas are from the American Forest & Paper Association, National Design Specifications For Wood Construction.

JOIST SIZES FOR DECKS

JOIST SPACING	LENGTH OF JOISTS FROM BUILDING TO CARRIERS													
	TREATED #2 DOUGLAS FIR-LARCH OR SOUTHERN PINE					TREATED #2 RED/PONDEROSA PINE								
	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET
12 Inches on Center														
16 Inches on Center														
24 Inches on Center														

Note: 5/4 Radius Edge Decking may not be used on joists 24 inches on center.

FOOTING SIZES FOR DECKS

TOTAL WIDTH OF DECK (FROM HOUSE TO OUTSIDE EDGE OF DECK)	SUPPORT POST SPACING FOR 3000# PER SQUARE FOOT SOIL BEARING CAPACITY													
	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET
4 FEET														
6 FEET														
8 FEET														
10 FEET														
12 FEET														
14 FEET														
16 FEET														

Example: Concrete is 6 inches thick, 12 inches in diameter and the posts are 8 feet on center. The bottom of the footings must be 42 inches below the final grade.

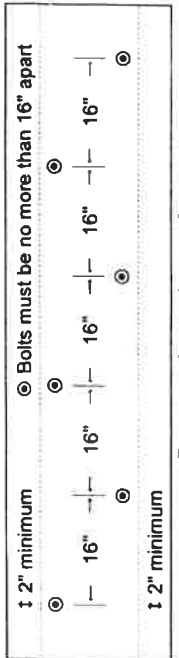
SUPPORT POST SIZES FOR DECKS

DECKS HEIGHT ABOVE FINISHED GRADE.	MAXIMUM SQUARE FEET OF DECK SUPPORTED PER POST						
	48	72	96	128	168	196	256
6 FEET							
8 FEET							
10 FEET							

THIS CHART IS FOR TREATED #2 DOUGLAS FIR-LARCH OR SOUTHERN PINE

NOTE

With deck joists up to 16 feet long, the deck ledger board must be attached to the ribbon of the building with at least one 1/2 inch lag screw with a flat washer or one 1/2 machine bolt with flat washers a maximum of 16 inches on center. The lag screws or machine bolts must be staggered and must be 2 inches below the top and 2 inches above the bottom of the ledger or ribbon.



LEDGER BOARD SAMPLE