

EAST NOTTINGHAM TOWNSHIP

158 Election Road, Oxford, PA 19363

Tax Parcel # 69- _____

**APPLICATION FOR DECK
PLAN EXAMINATION AND
BUILDING PERMIT #** _____

IMPORTANT – Applicant to complete all items in sections: I, II, III, & IV.

I. LOCATION OF BUILDING	AT (LOCATION) _____ ZONING DISTRICT _____ (no.) (street) BETWEEN _____ AND _____ (cross street) (cross street) SUBDIVISION _____ LOT _____ BLOCK _____ LOT SIZE _____
Applicant's Notes:	
_____ _____ _____	

Circle Y or N

- Y N Is deck floor greater than 30" above finished grade at greatest distance.
If greater than 30", what is the greatest distance? _____
- Y N Is basement ceiling exposed?
- Y N Will proposed deck be free standing?
- Y N Depth of footing bottoms _____ inches.
Type of footing bottom post support.
 - o 6" minimum concrete
 - o 6" crushed stone
- Y N Will support post be on concrete piers with a minimum of 3" above grade? _____ Diameter or Size
Specify post rest anchorage _____
- Y N Will proposed deck be attached to the dwelling with a treated ledger board?
Length of 1/2" lag bolts being used. (must show through ribbon board.) _____
Length of 1/2" minimum bolts if used. _____
- Y N Will LedgerLok or equal fasteners be used.
Check existing exterior wall covering
 - o Vinyl or wood siding.
 - o Stucco, brick, masonry or EIFS Circle which one.
 - o Other type _____
- Y N Is ledger board installed over foam sheathing? Thickness _____
- Y N Ledger board installed over plywood or OSB sheathing. Thickness _____
- Y N Ledger attached to stucco, brick, stone, masonry or EIFS. (circle)
- Y N Will ledger be spaced from building for drainage? Gap width. _____
- Y N Does exit door have proper sub sill flashing?
If not, show detail of proposed flashing under door sill.
- Y N Will a water resistive barrier be provided between wall sheathing and ledger?
 - o 15# or 30# asphalt felt or ice barrier.
 - o Grade D building paper
 - o Tested and labeled house wraps
 - o Flexible membrane
 - o Vinyl, copper or corrosive resistant material
 - o Foam (specify type and thickness _____)
- Y N Will flashing be used to shield the ledger board?
 - o Vinyl
 - o Copper
 - o Flexible membrane
 - o Approved corrosion resistant material (specify) _____
- Y N Will proposed deck have steps to grade. Number or treads _____
Width between guardrail, railing/s or wall/s. _____ Inches
- Y N Will deck have electrical installed? Show layout on plans
- Y N Will deck have gas or propane supply?
- Y N Will deck have a hot tub or spa installed?
- Y N Will dryer vent, heating vent or other vents, pipes, wires require changes?
Specify on plans.
- Y N Have you located sewage lines, tanks, and lines. Reference on plans?

A drawing of the deck, both top and crosscut views should also be included.

V. IDENTIFICATION – To be complete by all applicants				
Name		Mailing address – <i>Number, street, city and State</i>	ZIP Code	Tel. No.
Owner or Lessee				
Contractor			Registration #	
Architect or Engineer				
I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and we agree to conform to all applicable laws of this jurisdiction.				
Applicant Print Name	Address		Application Date	
Signature	Email			

No fee is required until the time permit is issued.

Requirements for deck spacing with 40 PSF Live Load and 10 PSF Dead Load

Joist Span (maximum distance between ledger & beam or between beams)
 Reference Table R502.3.1(2) Southern Pine #2

<u>Joist Size</u>	<u>Joist Spacing 16" O.C.</u>	<u>Joist Spacing 24" O.C.</u>
2 x 8's	12'-10"	10'-11"
2 x 10's	16"-1"	13'-1"
2 x 12's	18'-10"	15'-4"

ALLOWED BEAM SPAN BETWEEN POSTS

Beam Size	Joist Span is (ledger board to beam or between beams)												
	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
Double 2x8's	14-10	13-10	11-9	11-0	10-3	9-6	9-0	8-9	8-4	8-0	7-9	7-6	7-3
Double 2x10's	X	X	14-0	13-0	12-3	11-6	10-11	10-5	10-0	9-7	9-3	8-11	8-8
Double 2x12's	X	X	16-6	15-4	14-3	13-6	12-10	12-3	11-10	11-4	10-10	10-5	10-1

International Residential Code 2009 Requirements

Footing depth is 36" minimum x 12" minimum diameter	Tables R301.2(1) & R403.1
Treated post to rest on 6" minimum thick concrete base	R403.1
Treated post alternate to rest on 8" minimum treated plate over 6" crush stone	R403.1
Treated post minimum size is 4" x 4" minimum (consider 6" x 6" when over 48" high)	R407.3
Beams & joist (use tables above for treated material only)	R502
Cantilever maximum overhang see Table R502.3.3(2) (may require Professional Design Engineer)	R502.3.3
Bolting ledger board to house	Table R502.2.2.1
Flashing at ledger board to wall sheathing	R703.8 (item 5)
Deck surface to top of exterior door threshold is 7 ¾" maximum	R311.3.2
Landing, 36" in direction of travel required at doors if more than 2 treads to deck surface	R311.3
Stair width must be not less than 36"	R311.7.1
Stair riser no greater than 7 ¾" and tread less than 10"	R311.7.4.1 & .2
Stair risers to be closed with no greater than 4" opening	R311.7.4.3
Handrail required on one side of steps when more than 4 or more risers	R311.7.7
Handrail height shall not be less than 34" & not more than 38"	R311.7.7.1
Handrail grip size to be 1 ¼" minimum and 2" maximum in width and if greater than 6 ¼" perimeter, provide graspable finger recess along its length	R311.7.7.3
Guardrails required if deck surface is greater than 30" above grade	R312.1
Guardrails shall not be less than 36" above deck surface	R312.2
Guardrail opening limitation is 4" maximum	R312.3
Guardrail opening at stairs shall not allow a sphere 4 3/8" to pass through	R312.3 exception 1
Guardrail openings at step triangle is a 6" sphere maximum	R312.3 exception 2
Guardrails required on open sides of stairs when rise is more than 30" above floor or grade.	R312.1
Guardrail at open sides of stairs shall not be less than 34" measured vertically from nosings.	R312.2 exception 1

Note, handrails and guardrails are not the same and serve separate functions.