

? "ledger lock" legs are they OK w/ use on GUARDPOSTS?

## Deck Information

- FREE STANDING 10x8

(existing window to 3' door)  
(existing floodlighting)

- ① Plot Plan attached
- ② Foundation - I spoke briefly w. Phil DiPiero,  
PLANNER John Rioux + Don Macpherson, INSP.

I explained the paper (available on line [Doc])

## Frost-Heave Resistant Structures for Maine

(R. Hill)  
U of M.

→ Basically the topsoil is excavated  
only enough to "remove organic  
material and level ~ 4" → 8"

→ a 2" layer of foam is placed and  
a 12x16 Block with core filled w/ concrete  
a simpson 6x6 post Base supports 6x6  
a " " " Cap " " (3) 2x8 Beam  
Brace in both directions, (use "ledger lock"?)

★ Note that I have increased the insulation  
to 4'x4'x2" I have built 3 decks  
in N.Y. that use this and do not move.

John Rioux points to IRC R403.1.4.1 ex 3

③ 6x6 columns w 1'9" → 2' - BRACED  
and simpsoned

④ Framing - 2x8. PT. 16" oc. - NO LEDGER

Simpson's clips attach joist to (3) 2x8 beams  
NOM. 5/4 x 6 composite decking

⑤ Guardrail 36, Balusters 4" max open, Handrail 34"

⑥ Stair 4 pc pre cut stringers 6.5' rise 11.25 Run  
1/4 nose (Riser open 4" Max)