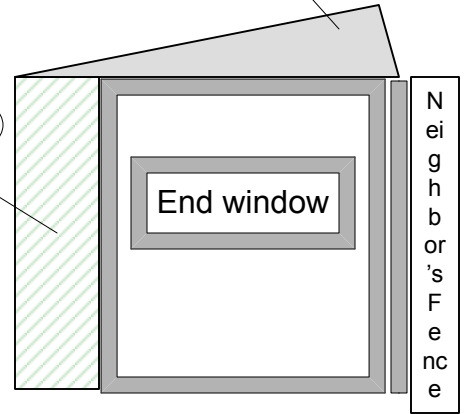


Entire structure to be built over 4 rubber stall mats, 6'x4'

Roof -- 8' bottom dimension, long angle toward our side, clear corrugated roofing, incl sides for lighting

Bale size estimate 24"w x 18"h x 40" long
 Bales set on edge to provide 24" height per row
 Row = 12 bales
 Overall roof footprint 8' x 19'
 Roofline extends above coop, set on slant to provide snow runoff
 ... extends height of doorway to 6.4" or ??
 Install green garage door?

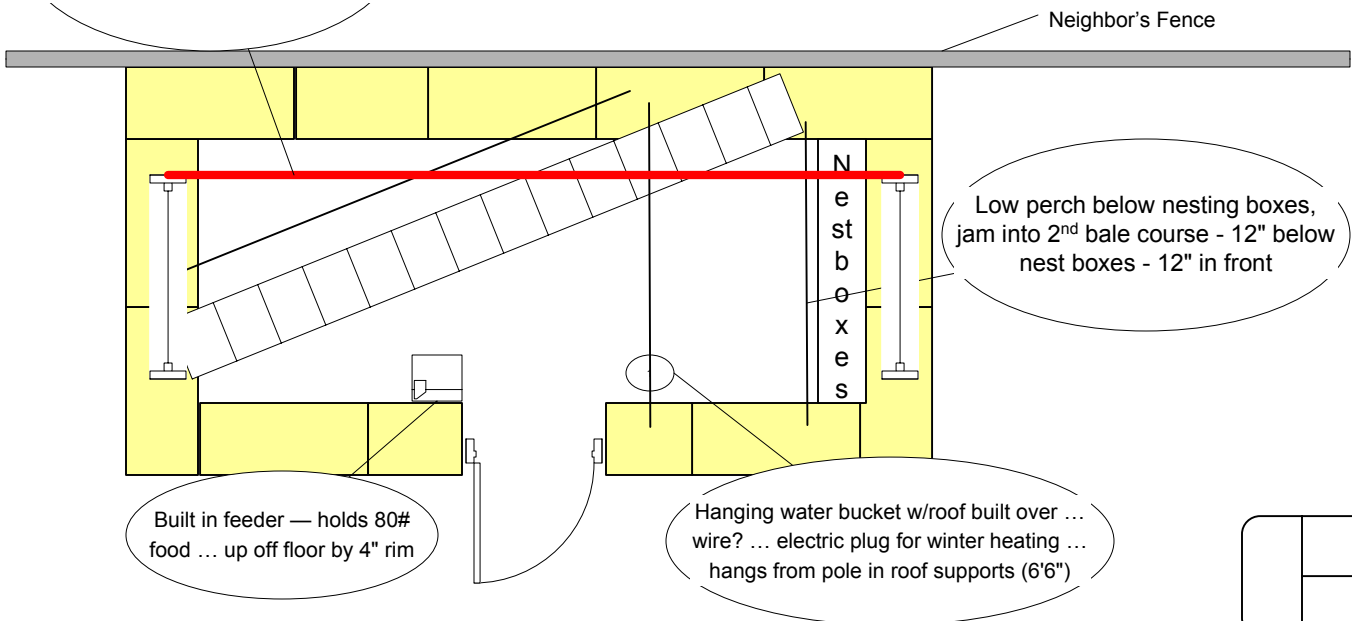
FRONT ROOF OVERHANG 19"



Flourescent lights in high section of roof above, using regular "plug", i.e. not wired-in, plugged into timer for 10 hrs light per day when desired

Needs: 1 addl 4x6 stall mat; 36 bales of straw; 2 doz 24" rebar for pinning; clear corrugated roofing 11.4 sheets x 10' if 20" coverage

End windows are boxes built the width of the bales, with wooden shutter-style windows which connect on the bottom to allow dropping and hanging open for access and during warm months for air circulation. No netting, the windows will be closed at night along with the door for complete predator control.



Low perch below nesting boxes, jam into 2nd bale course - 12" below nest boxes - 12" in front

Built in feeder — holds 80# food ... up off floor by 4" rim

Hanging water bucket w/roof built over ... wire? ... electric plug for winter heating ... hangs from pole in roof supports (6'6")

Entire outside can be traditionally finished in adobe, or sheathed in wood covering, utilizing the bales as structural and insulating materials only. Your choice

Martinson Straw Bale Hen House	
Scale: 1/48 : 1	11/5/2004