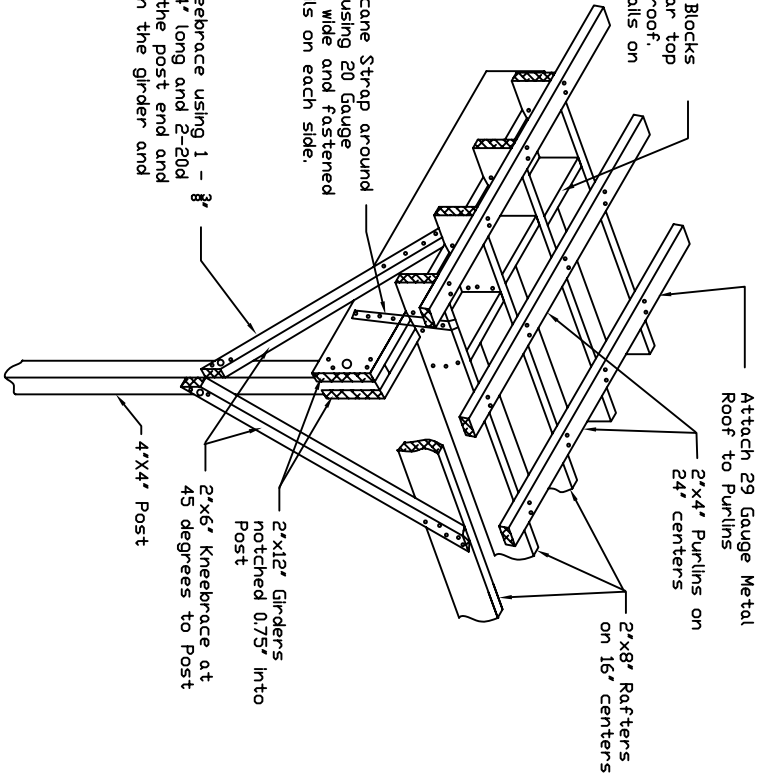


KNEEBRACE DETAILS

Place 2'x8" Bridging Blocks between Rafters near top and bottom end of roof. Fasten with 3-16d nails on each end.

Place a Hurricane Strap around each Rafter, using 20 gauge metal band 1" wide and fastened with 4-10d nails on each side.

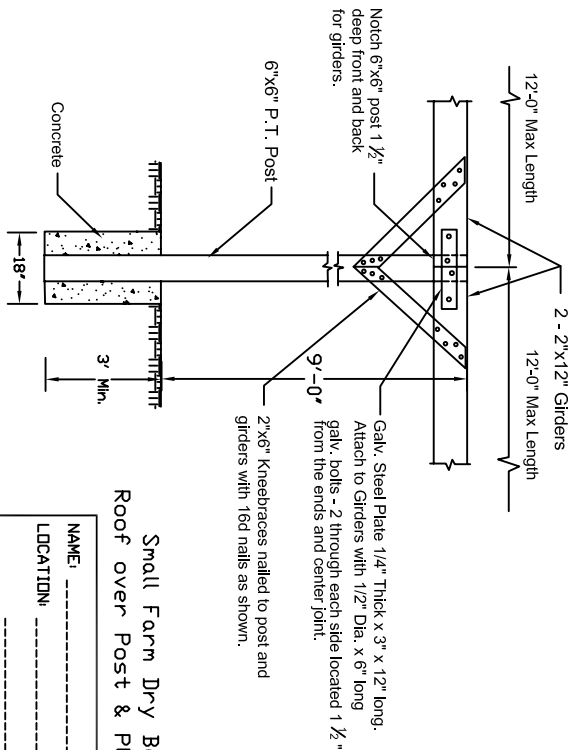
Fasten the Kneebrace using 1 - 3/8" galv. lag bolt 4' long and 2-20d spike nails on the post end and 5-20d spikes on the girder end and rafter ends.



GIRDER TO POST AND RAFTERS DETAIL

MATERIAL LIST AND QUANTITIES

Planks 2'x 12' x 14' long	ea.	
Planks 2'x 8' x 14' long	ea.	
Planks 2'x 4' x 14' long	ea.	
Posts 4'x4' x 8' long	ea.	
20 gauge metal band 1" wide	Feet	
Galvanized 20d Nails	lbs.	
Galvanized 16d nails	lbs.	
Galvanized 1/2" Bolts 10' long	ea.	
Galvanized 1/2" Bolts 6' long	ea.	
Galvanized 3/8" Lag Bolts 4' long	ea.	
Galvanized 10d nails	lbs.	
29 Gauge Metal roofing 14' long	Sheets	
Concrete for Posts	Cu. Yds.	
Planks - Kneebraces 2'x6' x 8'	ea.	
Special Galv. Roofing nails	lbs.	
Galv. Steel Plates (3'x12'x1/4" thick)	ea.	
Post, 6'x6' x12' long, Pres Treated	ea.	



CENTER POST DETAIL
(Use when width exceeds 12'-0", requiring additional support for roof sections)

(NH_ROOF_P&P_STRUC_2) ND SCALE

Small Farm Dry Bedded Manure
Roof over Post & Plank Structure

NAME: _____
LOCATION: _____

NH DEPARTMENT OF AGRICULTURE
AG NUTRIENT MANAGEMENT GRANT PROGRAM

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