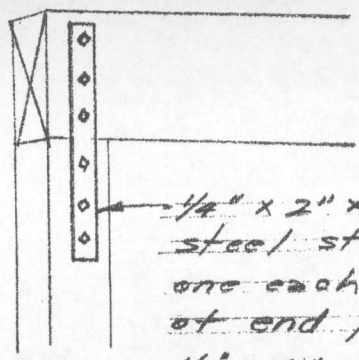
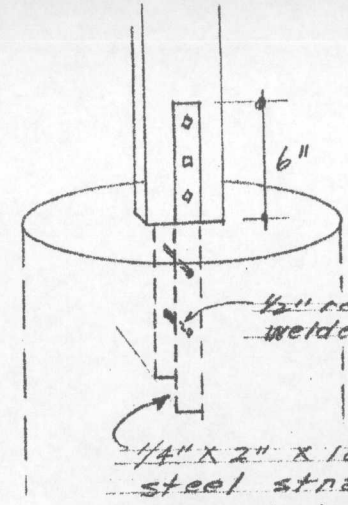


post & beam connection

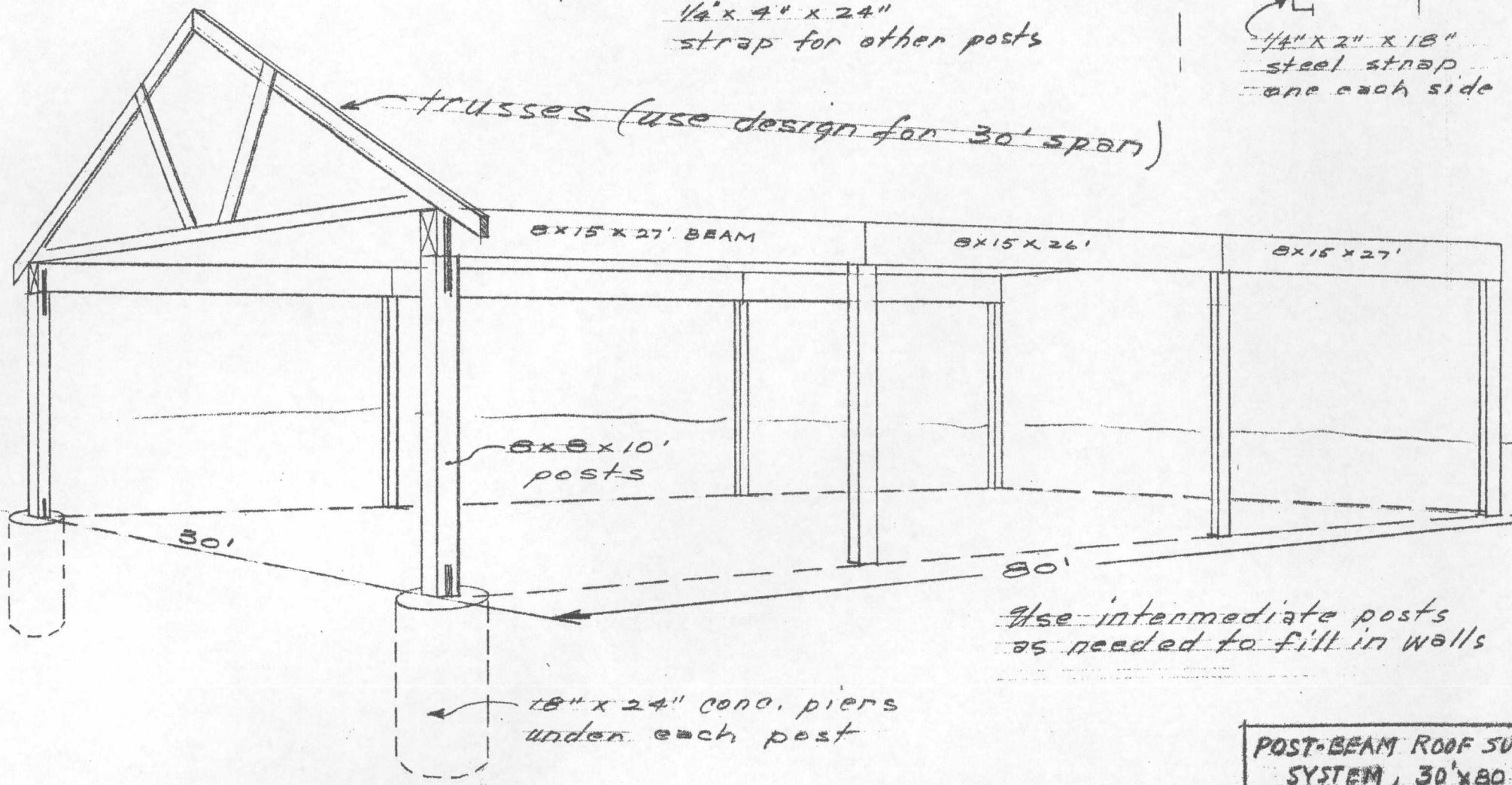


$\frac{1}{2}$ " x 2" x 24"  
 steel strap  
 one each side  
 of end posts  
 $\frac{1}{2}$ " x 4" x 24"  
 strap for other posts



6"  
 $\frac{1}{2}$ " reinf. rods  
 welded to strap  
 $\frac{1}{4}$ " x 2" x 18"  
 steel strap  
 one each side

trusses (use design for 30' span)



8x15x27' BEAM

8x15x26'

8x15x27'

6x6x10'  
posts

30'

80'

Use intermediate posts  
as needed to fill in walls

18" x 24" conc. piers  
under each post

POST-BEAM ROOF SUPPORT  
SYSTEM, 30'x80'

NDSU EXT. AGRIC. ENG'G

1970 RC

N.D. 708-3-1