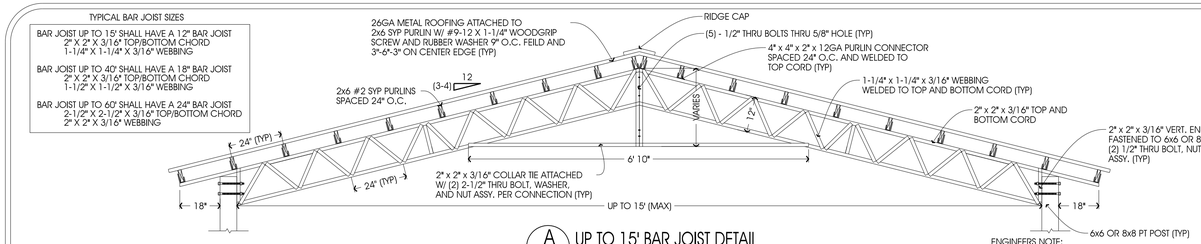
TYPICAL BAR JOIST SIZES

BAR JOIST UP TO 15' SHALL HAVE A 1.2" BAR JOIST
2" X 2" X 3/16" TOP/BOTTOM CHORD
1-1/4" X 1-1/4" X 3/16" WEBBING

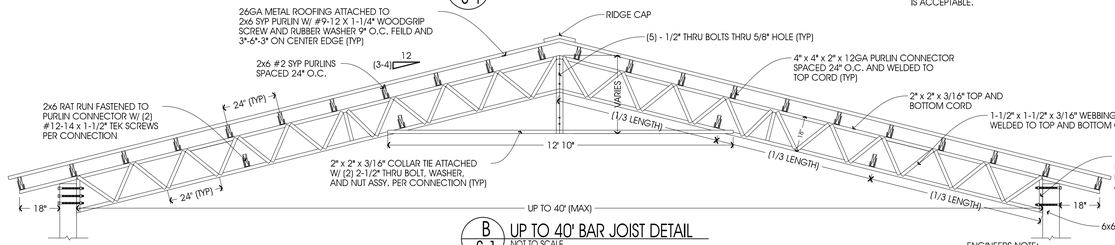
BAR JOIST UP TO 40' SHALL HAVE A 18" BAR JOIST
2" X 2" X 3/16" TOP/BOTTOM CHORD
1-1/2" X 1-1/2" X 3/16" WEBBING

BAR JOIST UP TO 60' SHALL HAVE A 24" BAR JOIST
2-1/2" X 2-1/2" X 3/16" TOP/BOTTOM CHORD
2" X 2" X 3/16" WEBBING



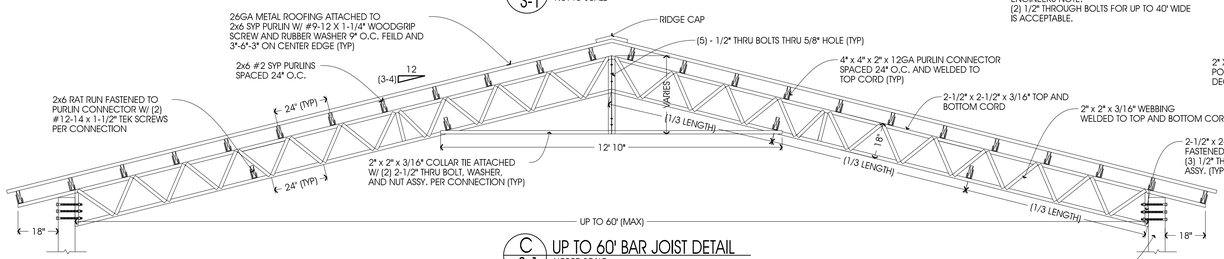
A S-1 UP TO 15' BAR JOIST DETAIL
NOT TO SCALE

ENGINEERS NOTE:
(2) 1/2" THROUGH BOLTS FOR UP TO 40' WIDE IS ACCEPTABLE.

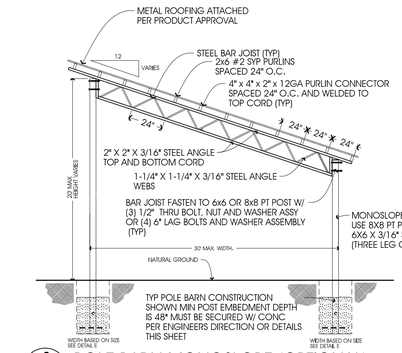


B S-1 UP TO 40' BAR JOIST DETAIL
NOT TO SCALE

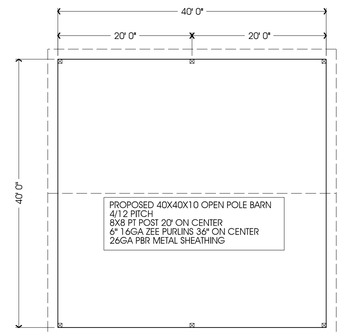
ENGINEERS NOTE:
(2) 1/2" THROUGH BOLTS FOR UP TO 40' WIDE IS ACCEPTABLE.

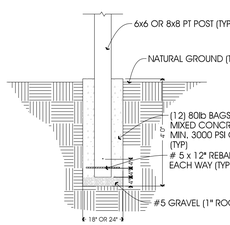


C S-1 UP TO 60' BAR JOIST DETAIL
NOT TO SCALE

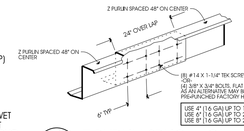


S S-1 POLE BARN MONOSLOPE (OPTIONAL)
NOT TO SCALE



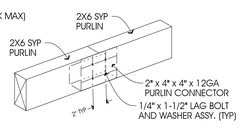


D S-1 Z PURLIN SPLICE JOINT
SCALE: NTS

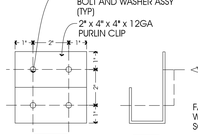


BAR JOIST SIZE	POST BASE SIZE
UP TO 30'	18" x 48" W/ 12" MIN. #5 REBAR
30' 1" - 40' 0"	24" x 48" W/ 16" MIN. #5 REBAR
40' 1" - 60' 0"	36" x 48" W/ 24" MIN. #5 REBAR

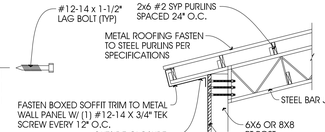
E S-1 POST AND FOOTING DETAIL
NOT TO SCALE



F S-1 PURLIN BUTT JOINT
NOT TO SCALE



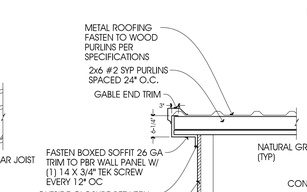
G S-1 PURLIN CLIP
NOT TO SCALE



H S-1 BOXED SOFFIT DETAIL (EAVE)
NOT TO SCALE

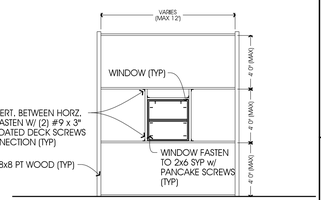
1 S-1 SITE SPECIFIC LAYOUT
NOT TO SCALE

ENGINEERS NOTE:
THIS PLAN HAS BEEN ENGINEERED A RISK CATEGORY 1 AGRICULTURAL BUILDING. THE PLAN HAS NOT BEEN ENGINEERED FOR A RISK CATEGORY II RESIDENCE.

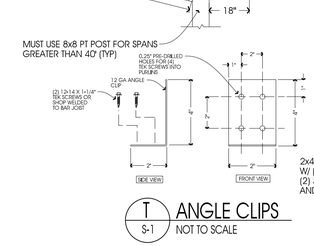


I S-1 BOXED SOFFIT DETAIL (GABLE END)
NOT TO SCALE

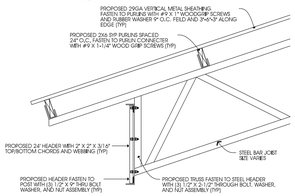
J S-1 CONCRETE FOUNDATION (OPTIONAL)
NOT TO SCALE



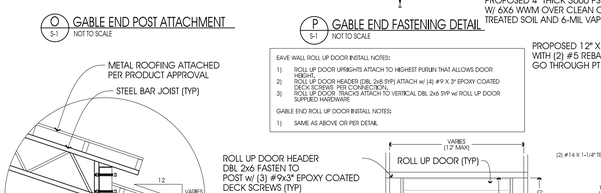
K S-1 WINDOW DETAIL (OPTIONAL)
NOT TO SCALE



T S-1 ANGLE CLIPS
NOT TO SCALE



M S-1 GABLE END VIEW W/ GARAGE OPENING (OPTIONAL)
NOT TO SCALE



N S-1 GABLE END ENCLOSURE