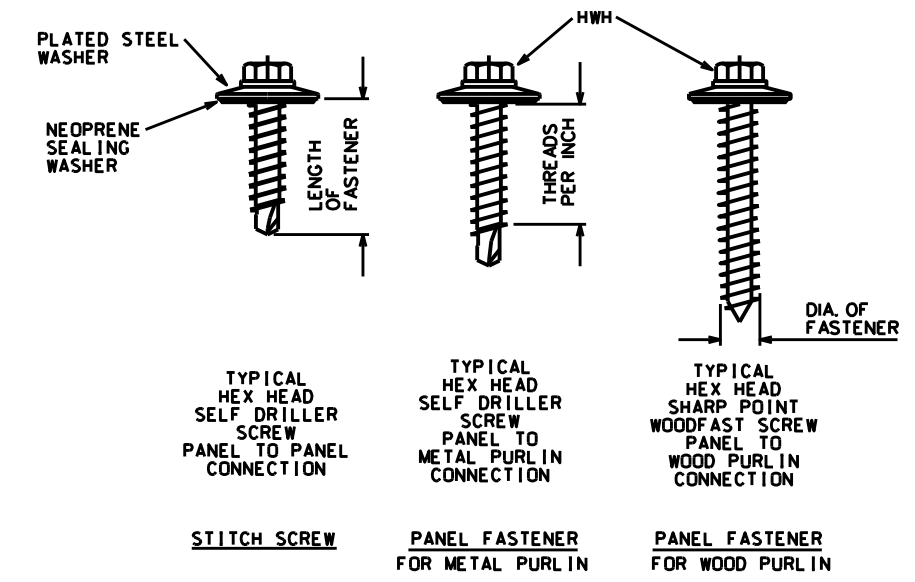
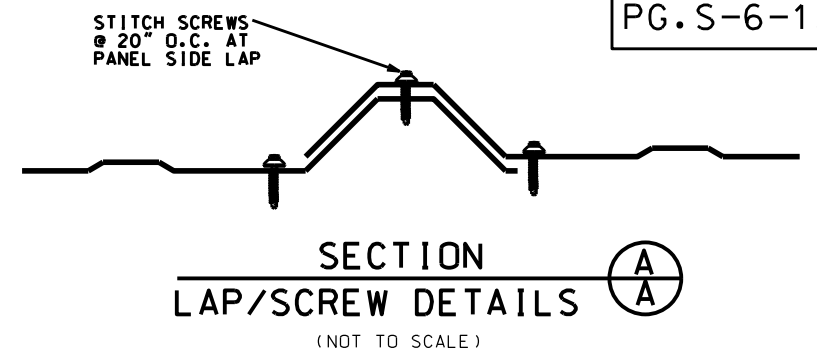
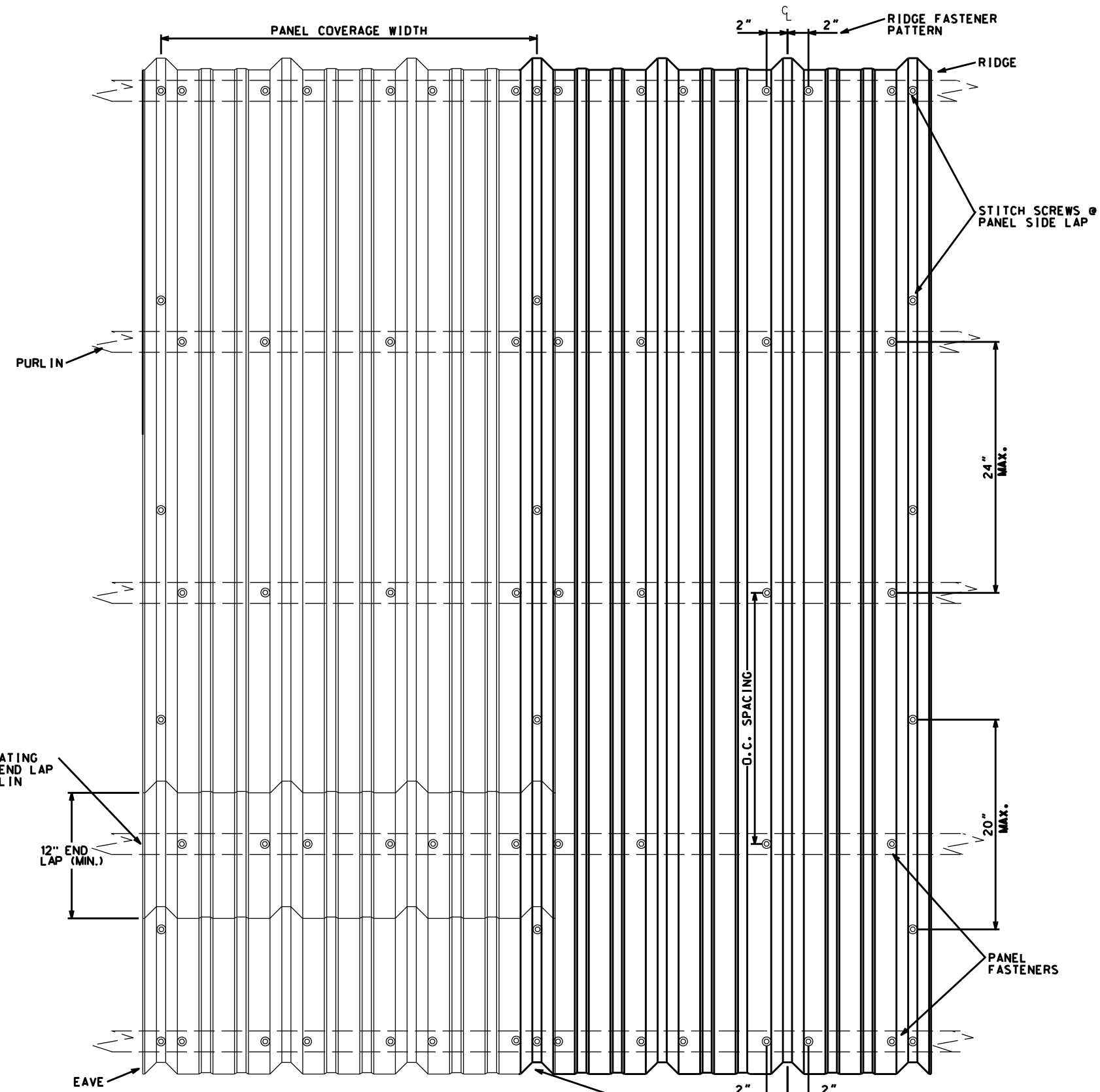


DESIGNED	E. J. GIERING	DATE	07/09
DRAWN	A. GREMILLION		07/09
CHECKED	M. KENNEDY		07/09
APPROVED	E. J. GIERING		07/09



**FASTENER DETAILS**

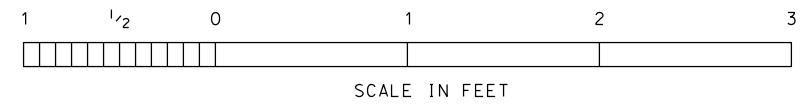
**FASTENER NOMENCLATURE:**  
 EXAMPLE: NO. 12-14 X 1" HWH  
 \* NO. 12 - DIAMETER OF FASTENER (HIGHER THE NUMBER THE LARGER THE DIAMETER)  
 \* 14 - THREADS PER INCH. (TPI)  
 \* 1" - LENGTH OF FASTENER  
 \* HWH - HEX WASHER HEAD

**FASTENER AND STICH SCREW SIZES:**  
 1. STICH SCREW SHALL BE NO. 14 X 3/4" HWH  
 2. PANEL FASTENERS SHALL BE NO. 12-14 X 1" HWH  
 3. WOODFAST SCREW SHALL BE NO. 9-15 X 1 1/2" HWH  
 4. ALL FASTENERS SHALL HAVE A SEPERATE 5/8" O.D. PLATED STEEL WASHER AND A BONDED NEOPRENE SEALING WASHER.

**FASTENER SPACING:**  
 1. EAVE AND RIDGE FASTENER PATTERN SHALL BE 2 INCHES FROM THE CL OF THE PANEL RIDGE ON EACH SIDE OF PANEL RIDGE.  
 2. STICH SCREW SPACING SHALL BE 20" O.C. (MAX) AT PANEL SIDE LAP.  
 3. PANEL TO PURLIN FASTENER SPACING SHALL BE ON ONE SIDE OF PANEL RIDGE EXCEPT AT PANEL END AND SIDE LAPS.

- NOTE:**
1. MANUFACTURERS RECOMMENDATIONS MAY BE USED IN LIEU OF THE SPECIFICATIONS STATED ABOVE IF THE MANUFACTURER SUPPLIES WRITTEN FASTENING PATTERN DETAILS OR IF THE MANUFACTURER'S WARRANTY COULD BE VOIDED.
  2. THE MANUFACTURERS RECOMMENDATIONS SHALL BE SUBMITTED IN WRITING TO THE LOCAL NRCS FIELD OFFICE PRIOR TO CONSTRUCTION.
  3. FASTENER SIZES AND ATTACHMENT REQUIREMENTS SHALL MEET MANUFACTURER'S RECOMMENDATIONS.

**PLAN ROOF PANEL**



**CONCRETE HEAVY USE AREA FOR WINTER FEEDING TYPICAL DRAWING**

