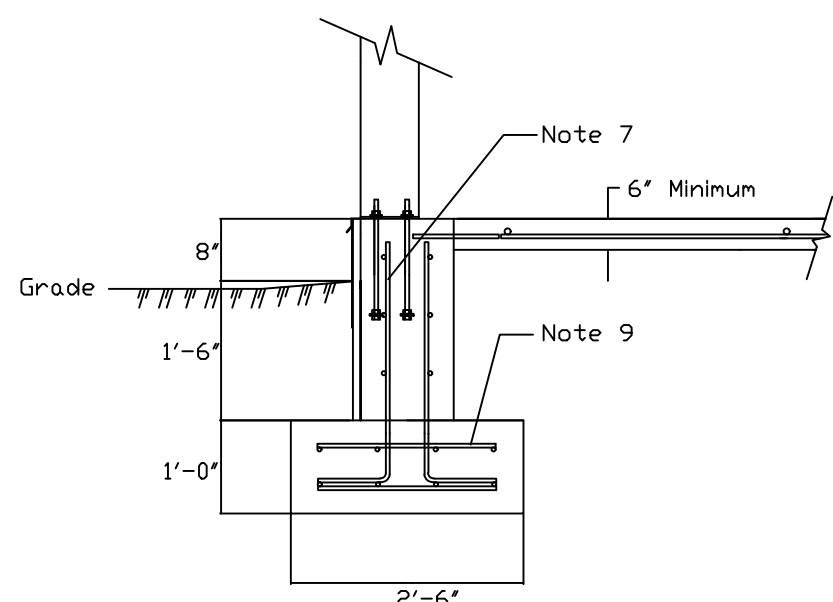
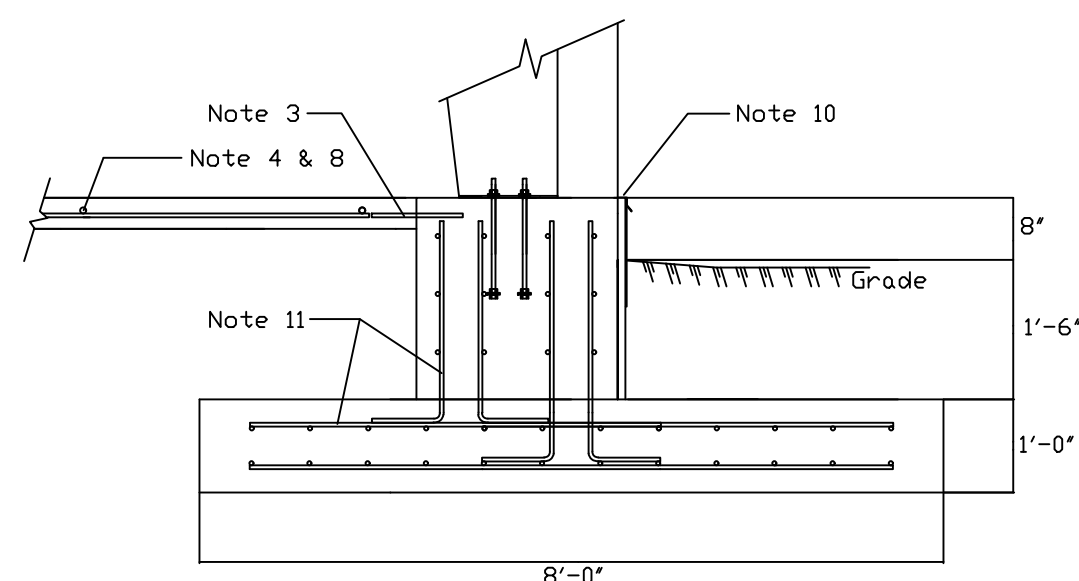


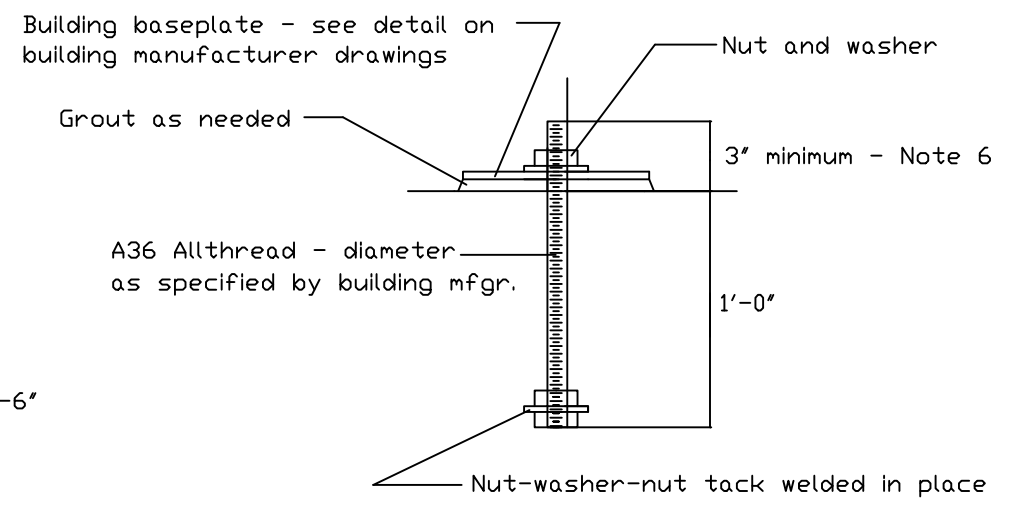
- NOTES:
1. The foundation shown this drawing to correspond to details shown on Rapidset Buildings drawings dated 5/5/2020 for Jeffery Wolf 8353 Weiscamp Rd., Peyton, CO.
 2. New foundation to be placed on undisturbed soil. If over excavated any fill is to be compacted to 95% dry density. Reference also the soils report for this site dated 6/3/2020.
 3. Floor slab to pin to foundation stem wall using #4 rebar as shown. The pins are to be located on 12" centers and penetrate the foundation and floor slab a minimum of 6" on both sides
 4. Floor slab to be reinforced with minimum #3 rebar on maximum 3'-0" centers in both directions. This is a minimum requirement and owner may substitute larger rebar and/or closer centers.
 5. Concrete is to have minimum strength of 4000 PSI.
 6. Anchor bolts to be fabricated as shown in the detail below. Bolts are to extend above the concrete such that the nut has full thread engagement. At owners discretion "J" bolts may be substituted for the A36 fabricated anchors.
 7. Stem wall horizontal reinforcement to be #4 rebar on 8" centers. Vertical reinforcement to be #4 rebar on 9" centers when within 2'-6" of a column bearing plate. For the remainder of the stem wall (outside 2'-6" from a column plate) the vertical reinforcement may be on 18" centers.
 8. All rebar reinforcement to be placed such that it is 3" from the edge of the concrete including the floor slab where the #3 rebar is to be centered in the 6" thick slab.
 9. Footer horizontal reinforcement to be #4 rebar on 8" centers both directions in the area of building columns (within 2'-6" of a column). Outside of the building column areas the longitudinal reinforcement (along the length of the footer) to remain on 8" centers but crosspieces may be spaced at 18" centers.
 10. Rigid insulation with a minimum R10 value is to be applied to exterior of foundation wall. Prior to the insulation being placed a vapor barrier is to be applied to the outside face of the concrete foundation wall (6 mil polyethylene sheet or similar). The insulation is to be placed against the vapor barrier and wall as shown. The insulation is to be placed from the top of the foundation wall and extend to the top of the footer as shown. A flashing is to be placed over the open edge of the insulation and a protective board or coating applied to the exterior of the insulation to a depth below grade of at least 6".
 11. Horizontal and vertical reinforcement in the area of the main column spread footers (Section B-B) to be as specified in notes 7, 8, and 9 above but over the wider area as shown. Vertical reinforcement in the area of the main column base plates (section B-B stemwall) to be at least eight (8) vertical bars with horizontal reinforcement as specified in Note 7.
 12. Foundation design based upon loading as noted on the approved Rapidset Metal Building drawings job ID DBS069195 sealed 5/10/2020. Soil bearing strength of 2000 lbs/sq ft was used (per the soils report) and a soil lateral load of 30 lb/sq ft has been assumed based upon soil classification SP.



Section View "A-A"



Section View "B-B"



Typical Anchor Bolt Detail

REVISION:	REVISION:	REVISION:	REVISION:	REVISION:	REVISION:	REVISION:	REVISION:	REVISION:	REVISION:
DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:
Client Example Peyton, Colorado								LOCAL DWG NO:	
Foundation & Details Sheet 1 of 1								DRAWN: Joe Lovett	
Southern Colorado Engineering								DATE: 6/17/2020	
								APPROVED:	
								SCALE:	
								LOCATION NUMBER:	
								PROJECT NUMBER:	
								SCE-20-11	