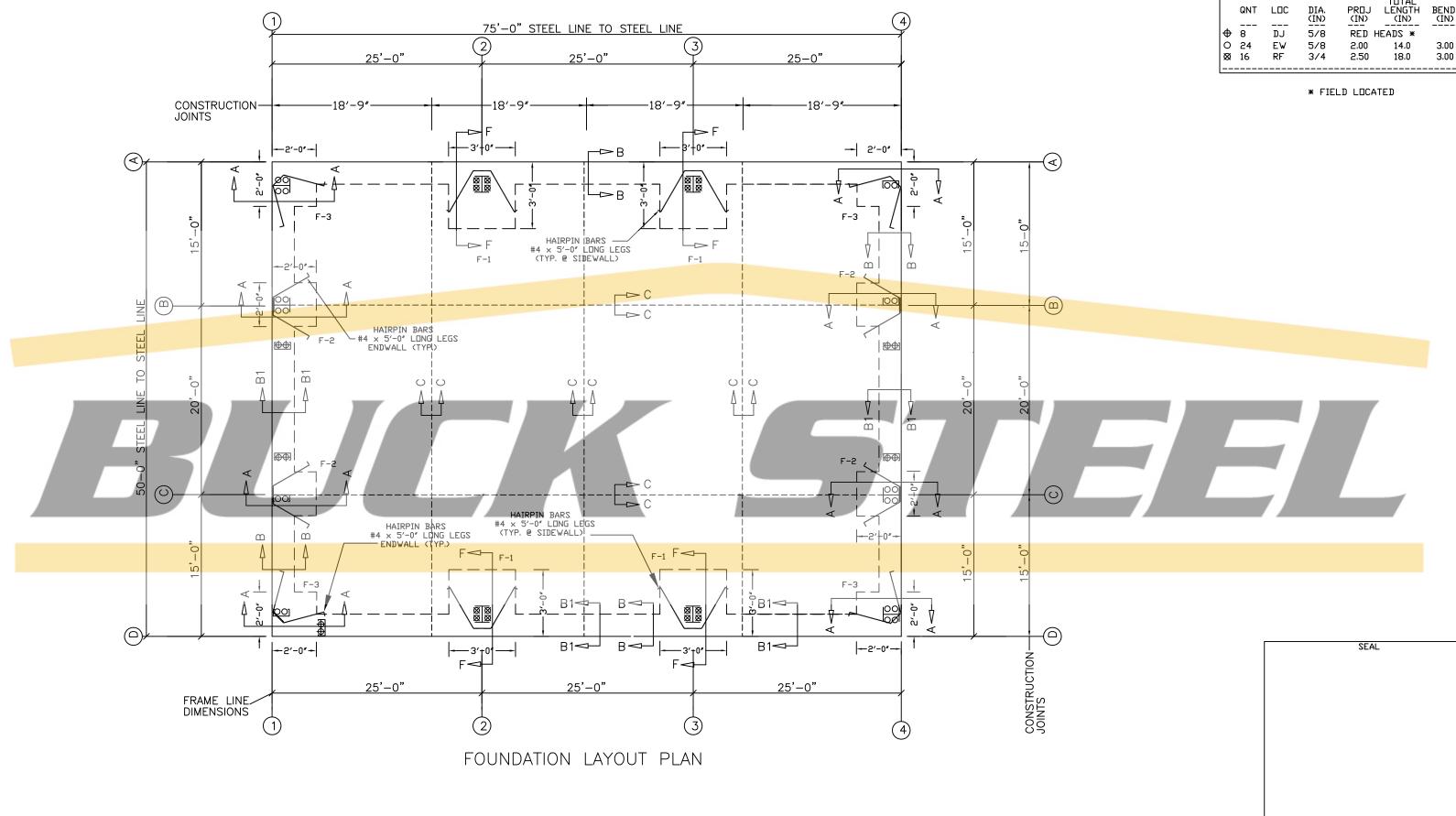
Foundation engineering varies greatly depending on the building size and design, job-site location and many other factors.

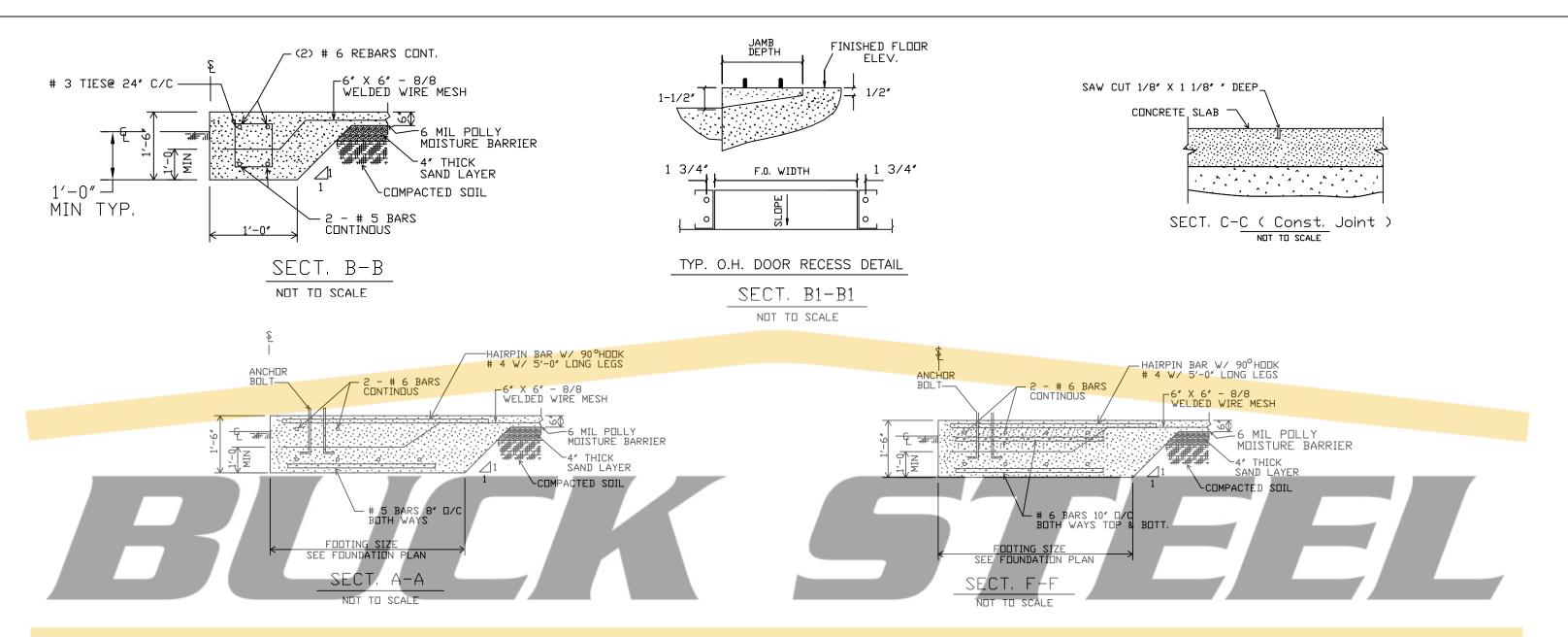
The following pages contain a **SAMPLE** set of foundation plans and are **ONLY** intended to demonstrate the complexity and importance of a properly engineered metal building foundation.

## **UNDER NO CIRCUMSTANCES** are they to be used for construction.



REVI	RE∨ISIDNS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD	

	AN	CHOR	BOLT	SUM	MARY	
	QNT		DIA. (IN)	PRDJ (IN)	TDTAL LENGTH (IN)	BEND (IN)
¢	8	DJ	5/8	RED I	HEADS *	
0	24	EW	5/8	2.00	14.0	3.00
Ø	16	RF	3/4	2.50	18.0	3.00



## GENERAL FOUNDATION NOTES

- ALL REINFORCING STEEL SHALL BE GRADE 60 1. DEFORMED BARS.
- ALL POURED IN PLACE SHALL BE F'c 2. 3000 PSI MIN @ 28 DAYS.
- WELDED WIRE MESH SHALL MEET ASTM A-185. FOUNDATION AND FOOTING SIZING BASED ON З.
- 4. ASSUMED SOIL BEARING CAPACITYOF 2500 PSF
- THE UPPER 12" OF BEARING SOIL IN FOOTING SHALL 5. BE COMPACTED TO 95% OF THE STANDARD PROCTOR.
- MIN. REINFORCING STEEL COVER AT EARTH : 3" SLUMP RANGE AT POINT OF DISCHARGE: 3"-6" 6.
- 7.
- 8.
- OVERLAP ALL WWF A MINIMUM OF 8". LAP ALL REINFORCING STEEL A MINIMUM OF 48 DIAMETERS. 9.
- 10. REMOVE TOPSOIL & ORGANIC MATERIAL FROM TOP 12" OF EXISTING GRADE.
- 11. FDN. IS DESIGNED TO MEET THE 2021 ED. OF THE SBC CODE. W.S. IS 115 MPH. (Vult.) EXPOSURE B
- 12. BOTT. OF FTG. MUST BE A MIN. OF 12' BELOW FIN. GRADE

- 13. PROOF ROLL 5' OUTSIDE OF BUILDING FOOTPRINT WITH VIBRATORY COMPACTOR.
- 14. FILL TO WITHIN 4" OF FINISHED FLOOR ELEVATION WITH CLEAN SAND FILL.
- 15. COMPACT TOP 6" OF FILL MATERIAL TO 95% OF MODIFIED PROCTOR DENSITY. (MIN)
- SAW INDICATED CRACK CONTROL JOINTS WITHIN 16.
- 8 HOURS OF PLACEMENT OF CONCRETE.
  17. SOIL IN FOOTING TRENCHES SHALL BE FREE OF ORGANIC MATERIAL OR CLAY: IF EITHER IS ENCOUNTERED IN FOOTING TRENCHES, REMOVE IT & REPLACE WITH COMPACTED SAND.
- 18. CONTRACTOR TO REVIEW FOUNDATION DRAWINGS AND CHECK FOR COMPLIANCE WITH ERECTION DRAWINGS BEFORE COMENCMENT OF CONSTRUCTION. ANY DISCREPANCY SHOULD BE BROUGHT TO ENGINEER'S ATTENTION.
- 19. TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMICIDES OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTITIVE TREATMENT TO NEW CONSTRUCTION.

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

