

IMPORTANT

Foundation engineering varies greatly depending on the building size/design, jobsite location and many other factors.

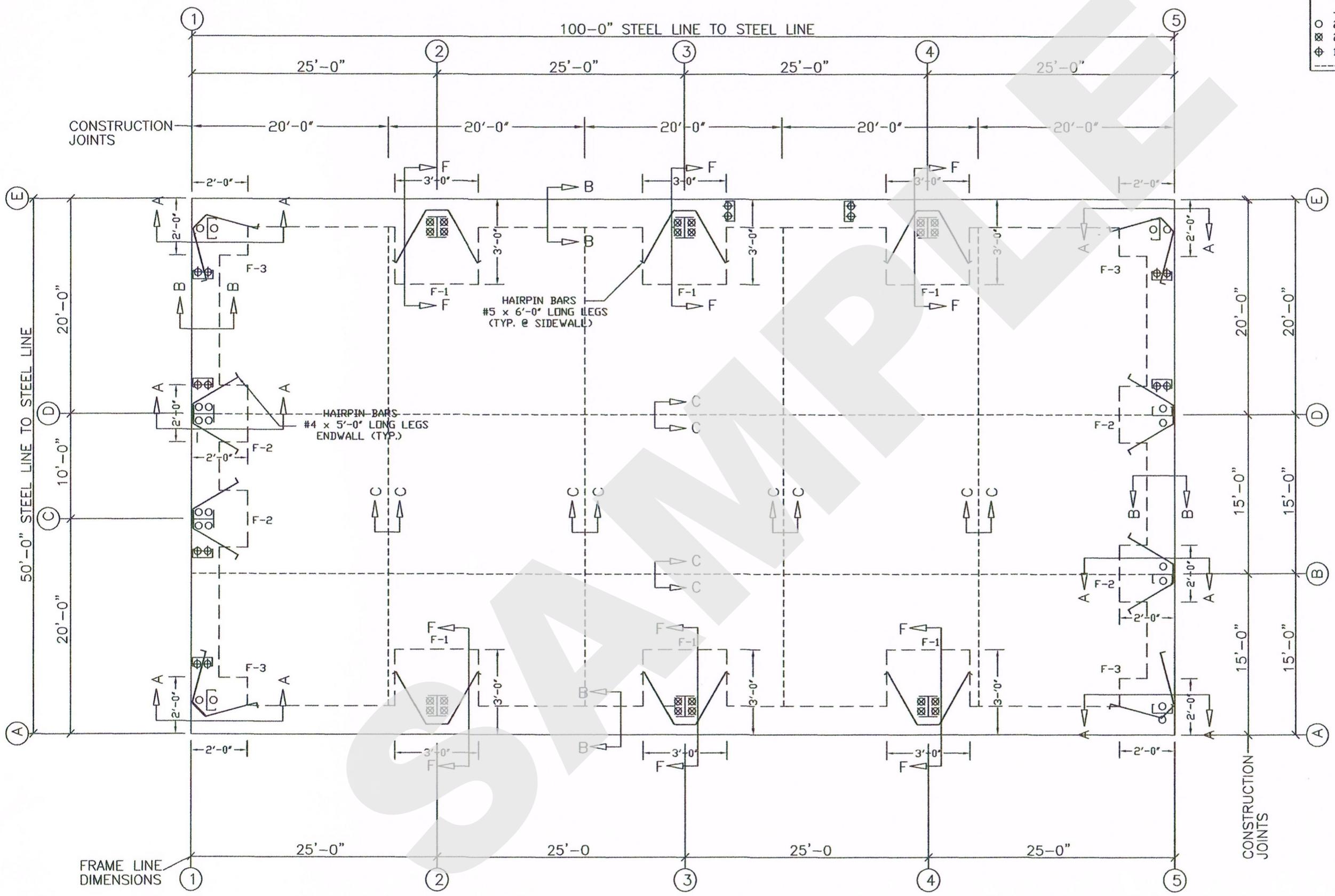
The following pages contain a SAMPLE set of foundation plans and are ONLY intended to demonstrate the complexity and importance of a properly engineered metal building foundation.

Under NO CIRCUMSTANCES are they to be used for construction.

ANCHOR BOLT SUMMARY

QNT	LDC	DIA. (IN)	PROJ (IN)	TOTAL LENGTH (IN)	BEND (IN)
20	EW	5/8	2.00	12.0	3.00
24	RF	3/4	2.00	18.0	3.00
12	DJ	5/8	EXP. BOLTS *		

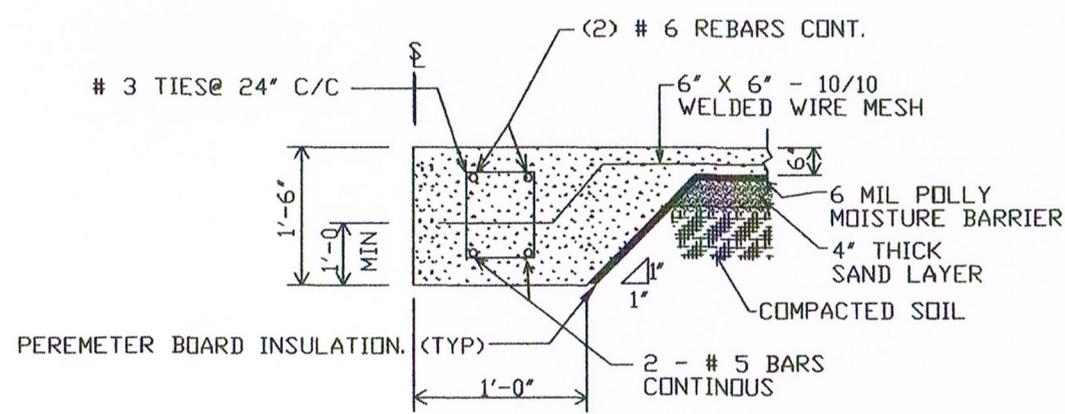
* FIELD INSTALLED



SAMPLE

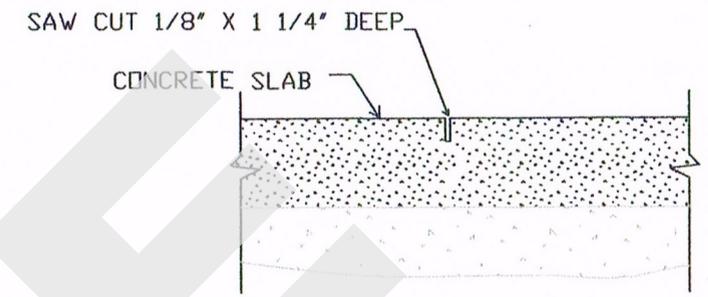
NOT FOR CONSTRUCTION

SAMPLE



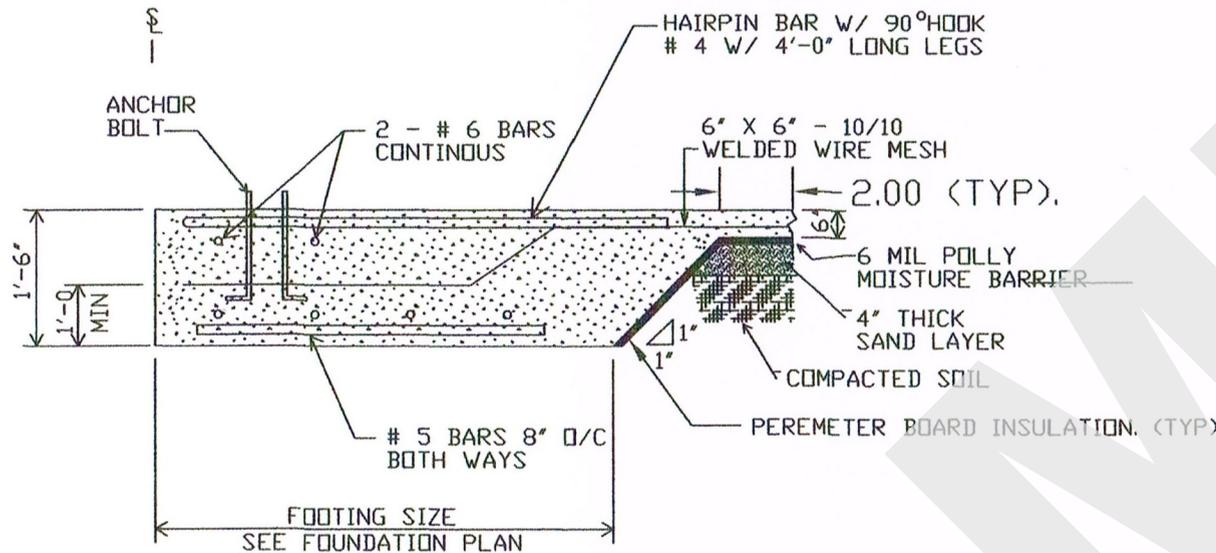
SECT. B-B

NOT TO SCALE



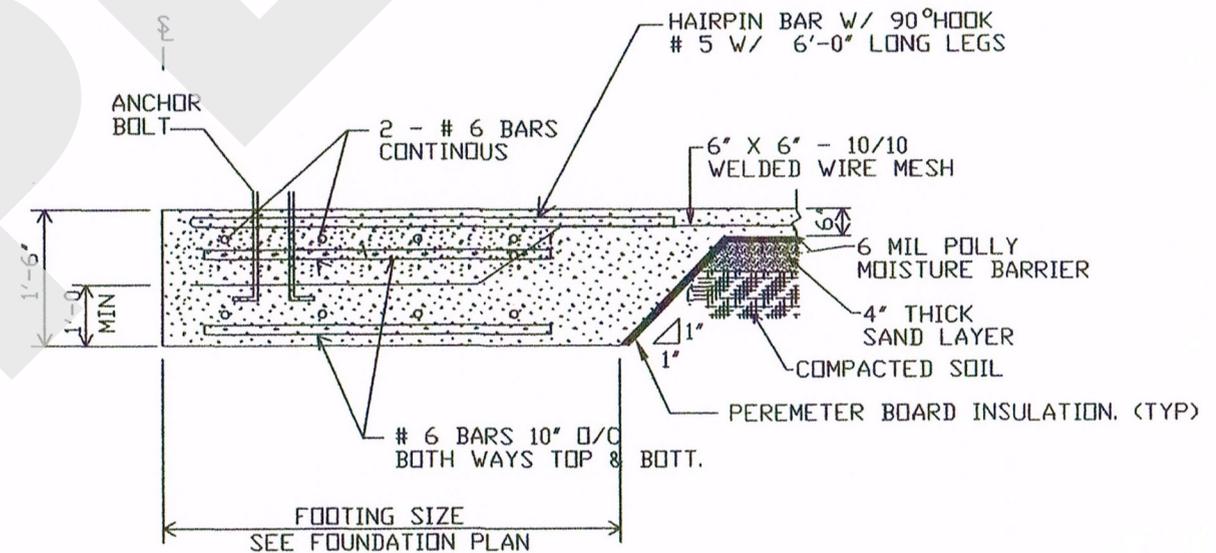
SECT. C-C (Const. Joint)

NOT TO SCALE



SECT. A-A

NOT TO SCALE



SECT. F-F

NOT TO SCALE

GENERAL FOUNDATION NOTES

1. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS.
2. ALL POURED IN PLACE SHALL BE F'c 3000 PSI MIN @ 28 DAYS.
3. WELDED WIRE MESH SHALL MEET ASTM A-185.
4. FOUNDATION AND FOOTING SIZING BASED ON ASSUMED SOIL BEARING CAPACITY OF 2500 PSF.
5. THE UPPER 12" OF BEARING SOIL IN FOOTING SHALL BE COMPACTED TO 95% OF THE STANDARD PROCTOR.
6. MIN. REINFORCING STEEL COVER AT EARTH : 3"
7. SLUMP RANGE AT POINT OF DISCHARGE: 3"-6"
8. OVERLAP ALL WWF A MINIMUM OF 8".
9. LAP ALL REINFORCING STEEL A MINIMUM OF 48 DIAMETERS.
10. REMOVE TOPSOIL & ORGANIC MATERIAL FROM TOP 12" OF EXISTING GRADE.
11. FDN. IS DESIGNED TO MEET THE 2012 ED. OF THE IBC CODE. W.S. IS 115 MPH, EXP. B
12. PROOF ROLL OF 5' OUTSIDE BUILDING FOOTPRINT WITH VIBRATORY COMPACTOR.
13. FILL TO WITHIN 4" OF FINISHED FLOOR ELEVATION WITH CLEAN SAND FILL.
14. COMPACT TOP 6" OF FILL MATERIAL TO 95% OF MODIFIED PROCTOR DENSITY. (MIN)
15. SAW INDICATED CRACK CONTROL JOINTS WITHIN 8 HOURS OF PLACEMENT OF CONCRETE.
16. 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.
17. CONTRACTOR TO REVIEW FOUNDATION DRAWINGS AND CHECK FOR COMPLIANCE WITH ERECTION DRAWINGS BEFORE COMENCMENT OF CONSTRUCTION. ANY DISCREPANCY SHOULD BE BROUGHT TO ENGINEER'S

SAMPLE

NOT FOR CONSTRUCTION

SAMPLE