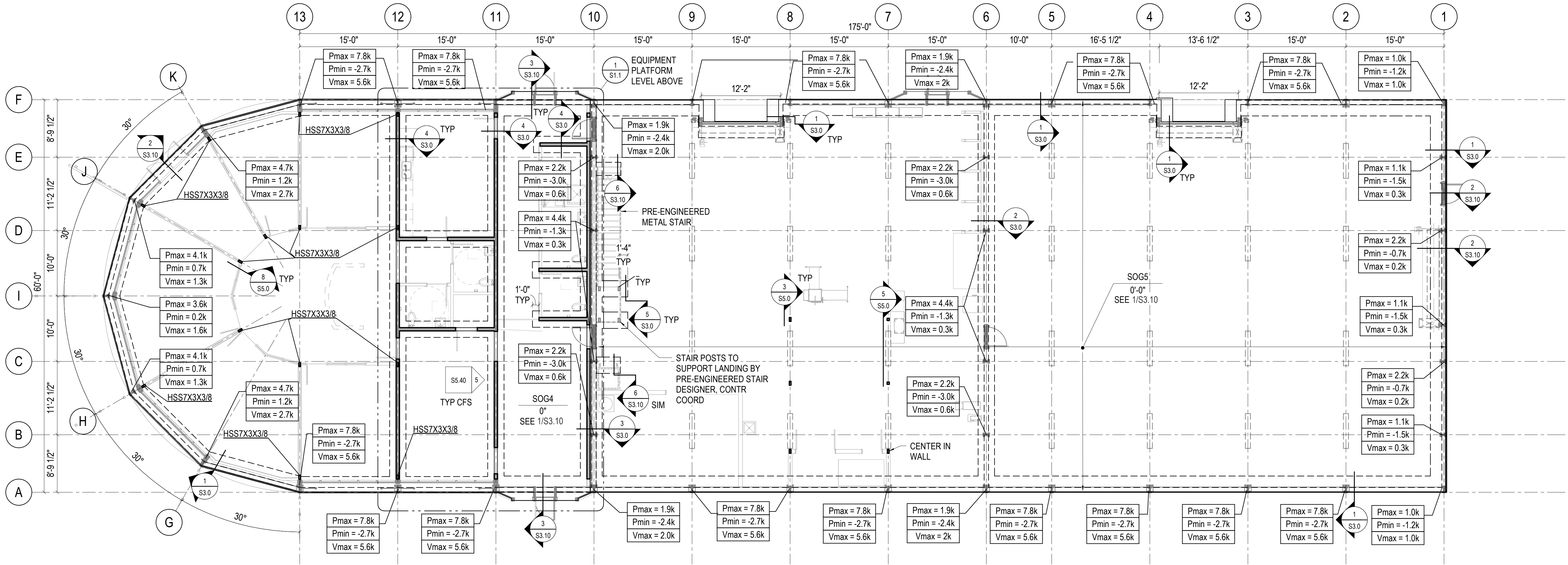




1 FOUNDATION PLAN

1/8" = 1'-0"

ALLOWABLE FRAME REACTIONS	
Pmax=XXk	MAXIMUM AXIAL LOAD
Pmin=XXk	MINIMUM AXIAL LOAD
Vmax=XXk	MAX SHEAR LOAD IN STRONG AXIS OF COL

NOTES:
REACTIONS FOR FOUNDATION DESIGN ARE ALLOWABLE STRESS DESIGN (ASD), BASED ON LOAD COMBINATIONS FROM ASCE 7-16, SECTION 2.4.

FOUNDATION PLAN NOTES:

1) GENERAL:

- 1A) SEE S0 SERIES SHEETS FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- 1B) SEE S3 SERIES SHEETS FOR TYPICAL CONCRETE DETAILS.
- 1C) SEE ARCHITECTURAL/CIVIL DRAWINGS FOR USGS ELEVATION EQUAL TO 0'-0"

2) FOUNDATIONS:

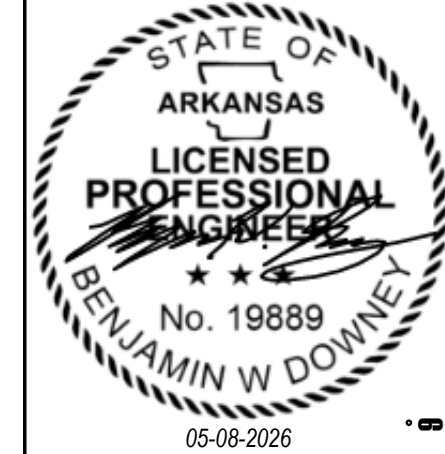
- 2A) ALL FOUNDATIONS ARE CENTERED ON THE SUPPORTED COLUMN UNLESS DIMENSIONED OTHERWISE.
- 2B) SEE 1/S3.0 FOR EXTERIOR CONTINUOUS FOOTING REQUIREMENTS.
- 2C) SEE 12/S3.0 FOR EXCAVATION REQUIREMENTS NEAR FOOTINGS, CONTRACTOR COORDINATE.
- 2D) SEE 9/S3.0 FOR REQUIREMENTS FOR UNDERGROUND UTILITIES PASSING BELOW FOOTINGS

3) SLAB-ON-GRADE: 0

- 3A) SEE DETAIL 1/S3.10 FOR TYPICAL SLAB-ON-GRADE DETAIL.
- 3B) SEE DETAIL 7/S3.10 FOR TYPICAL SLAB-ON-GRADE LAYOUT/INFORMATION.
- 3C) SEE ARCH AND MECH DRAWINGS FOR SLAB SLOPES, DEPRESSIONS, FILL, PADS, AND CURBS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- 3D) SEE ARCH DRAWINGS FOR VAPOR RETARDER LOCATIONS. INSTALL VAPOR RETARDER DIRECTLY UNDER SLAB PER RECOMMENDATIONS OF PCA AND ACI 302.1R-04. TAKE PRECAUTIONS TO MINIMIZE SLAB CURLING. GRIND SLAB TO ACHIEVE SPECIFIED FLOOR FLATNESS AND LEVELNESS VALUES.
- 3E) SEE GEOTECHNICAL REPORT FOR BUILDING PAD PREPARATION REQUIREMENTS.
- 3F) COORDINATE SLAB ON GRADE THICKNESS REQUIREMENTS WITH EQUIPMENT MANUFACTURERS. REVISIONS TO THE SLAB ON GRADE MAY BE REQUIRED BASED ON THE FINAL EQUIPMENT SELECTIONS. CONTRACTOR TO MAKE ALLOWANCE FOR THIS REVISION IN THE CONSTRUCTION SCHEDULE AND PRICING.

4) PREFABRICATED SPRUNG STRUCTURE BUILDING NOTES:

- 4A) COLUMN, FOUNDATION AND FRAME LOCATIONS TO REMAIN AS SHOWN ON PLAN.
- 4B) LOADS SHOWN ON THE PLAN ARE MAXIMUM SERVICE LOADS ASSUMED FOR FOUNDATION DESIGN. "P" LOADS ARE APPLIED IN THE VERTICAL DIRECTION. "V" LOADS ARE SHEAR LOADS DUE TO WIND OR SEISMIC LOAD COMBINATIONS AND CAN OCCUR IN EITHER INDICATED DIRECTION.
- 4C) SEE "PREFABRICATED BUILDING NOTES" ON S0.00 FOR ADDITIONAL REQUIREMENTS.



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FOUNDATION PLAN

S1.0