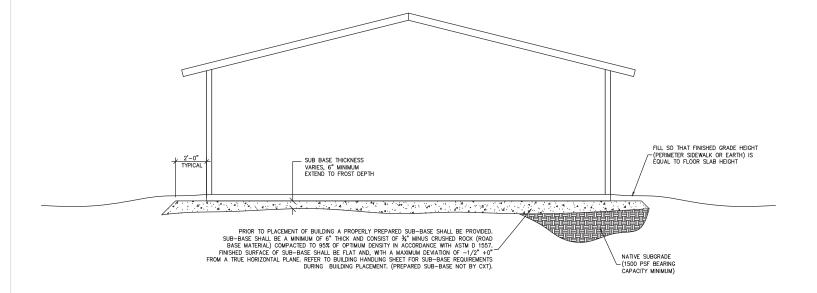
NOTE:

THIS FACTORY ASSEMBLED BUILDING, AS CONSTRUCTED, PROVIDES A RIGID BOX TYPE STRUCTURAL SYSTEM. VERTICAL LOADS ARE TRANSFERRED PRIMARILY THROUGH BEARING WALLS TO THE STRUCTURAL SLAB FLOOR OF THE BUILDING. THE VERTICAL LOADS ARE THEN DISTRIBUTED THROUGH THE REINFORCED CONCRETE FLOOR TO THE PREPARED GRANULAR, NON-FROST SUSCEPTIBLE (NFS) SUB-BASE WHICH DISTRIBUTES THE VERTICALOADS IN RELATIVELY UNIFORM FASHION TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOOR THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO FLOORING THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO BE STRIPPED OF VECETATION AND TOP SOIL PRIOR TO THE NATIVE SUB-GRADE TO THE SU THE UNLIKELY EVENT OF FREEZING ACTION BELOW THE BUILDING REGARDLESS OF NATURAL FREEZE/ THAW CYCLES ANTICIPATED TO BE ENCOUNTERED IN THE STATE OF ARIZONA.

LATERAL LOADS ARE TRANSFERRED TO THE ORQUIND THROUGH FRICTIONAL RESISTANCE WITHOUT SLIDING OR SHIFTING BETWEEN THE BUILDING FLOOR SLAB AND THE PREPARED SOIL AND GRAVEL SUB-BASE ON WHICH THE BUILDING RESTS. SEISMIC BANALYSES ARE BASED ON LOADS DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE USING PARAMETERS, WHICH MEET OR EXCEED THE CODE PRESCRIBED REQUIREMENTS FOR THIS INSTALLATION.

THIS BUILDING AS DESIGNED, RESTING ON A PROPERLY PREPARED GRANULAR SUB-BASE WILL BE SAFE AND STRUCTURALLY SOUND FOR VERTICAL AND LATERAL LOADS AS DISCUSSED ABOVE. A FULL DEPTH FOUNDATION WALL AT THE BUILDING PERMETER AND AN ANCHORAGE SYSTEM, TYPICAL FOR OTHER TYPES OF BUILDING CONSTRUCTION, ARE NOT REQUIRED FOR THIS BUILDING.

THE "FOUNDATION" FOR THIS STRUCTURE IS ESSENTIALLY THE COMBINATION OF THE COMPACTED SUB-BASE MATERIAL AND THE BUILDING'S REINFORCED SLAB.
THE COMBINATION OF THE COMPACTED SUB-BASE MATERIAL AND THE BUILDING'S REINFORCED SLAB NEED TO BE AT LEAST 12" THICK AND THE COMPACTED
SUB-BASE MATERIAL SHALL EXTEND BELOW THE LOCAL FROST DEPTH





LBFoster CXT[®] Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687 901 N. Highway 77 Hillsboro, TX 76645 362 Waverly Road Williamstown, WV 26187

SANTIAGO BUILDING NUMBER S-412 & S-414



FOUNDATION DETAIL