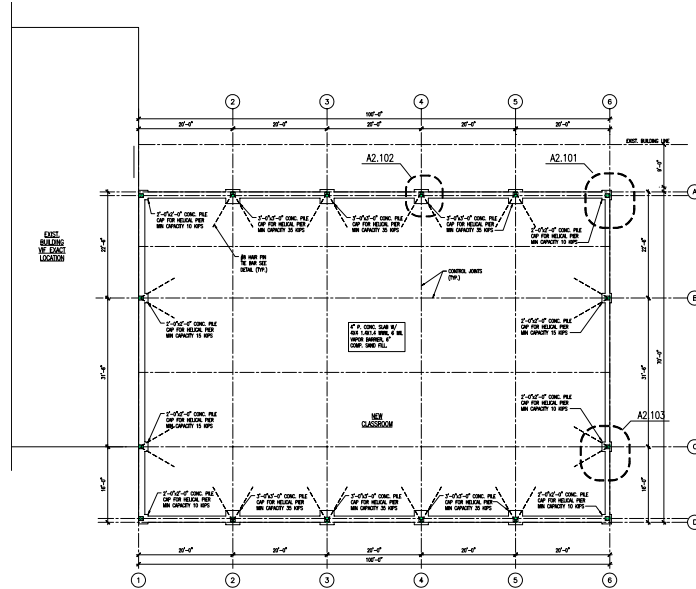


FOUNDATION PROJECT EXAMPLE



Project Name: **STAR BASE**

Structure Use: Class Room
(Institutional)

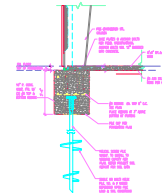
Project Address: Selfridge ANG
Utica, Michigan

Architect: The Foresta Group, P.C.
32233 Schoolcraft Road
Suite 100
Livonia, MI 48150

Contact: Mr. Chris Biggers
Tel: (248) 471 – 2900
Fax: (734) 293 - 2901

at the proposed building location. The geotech data indicated that the soil down to 10' bgs passes reasonable bearing capacity of (1000 – 1500) psf, however the bearing capacity reduces to only 500psf to the end of soil boring, i.e. 20' bgs. Based on this observation, the geotech report suggested the use of helical piers or timber pile.

DESIGN



PROJECT DESCRIPTION

The Starbase is a proposed pre-engineered institutional structure of approximately 20,000 square feet in area located within the Selfridge Air National Guard (ANG) in Utica, Michigan.

SAM was contacted by the Architect to provide structural engineering, design and drafting services to this proposed structure in late September 2005. SAM also received a geotechnical report which included logs of five soil borings that were conducted

SAM obtained the electronic drawings from the ARCHITECT and proceeded with design. While proceeding with the design, SAM maintained project communications with the ARCHITECT's project manager to incorporate any design and layout changes. SAM completed the entire foundation analysis and design with an electronic calculation package in less than two weeks for a Fee of \$3,000.