

GENERAL STRUCTURAL NOTES

- DESIGN LIVE & SNOW LOADS
- a. ROOF, UNCOVERED DECK.....100 psf snow
 - c. WIND.....90 mph Exp B
 - d. SEISMIC..... $S_s=0.26g$ $S_1=0.068g$ Group I Category II

FOUNDATION DESIGN

- a. Design of pads and footings is based on an allowable soil bearing pressure of 3500 psf with 1000 psf minimum per SoilLogic Report 14-4004 dated 10/2/14. Contact the soils engineer during excavation to verify structural concrete has been placed on suitable bearing material.
- c. See soils report for additional information including slab, footer and pad information, underslab prep, perimeter drain, surface drainage and grading backfill, curtain walls, and discussions or disclaimers on expansive soils, slab movement, slope stability or site suitability.
- d. The owner should review the soils report for limitations and risks. All soils issues should be addressed to the soils engineer. The owner or his representative are responsible for following the soils report, contacting the soils engineer, and following their recommendations.
- e. The structural design drawings are for the permanent foundation only. The structural engineer is not responsible for slope stability, excavation, shoring, drainage, soils issues, or construction methods. The structural engineer's duties are limited to design only and is not a project engineer.

CONCRETE

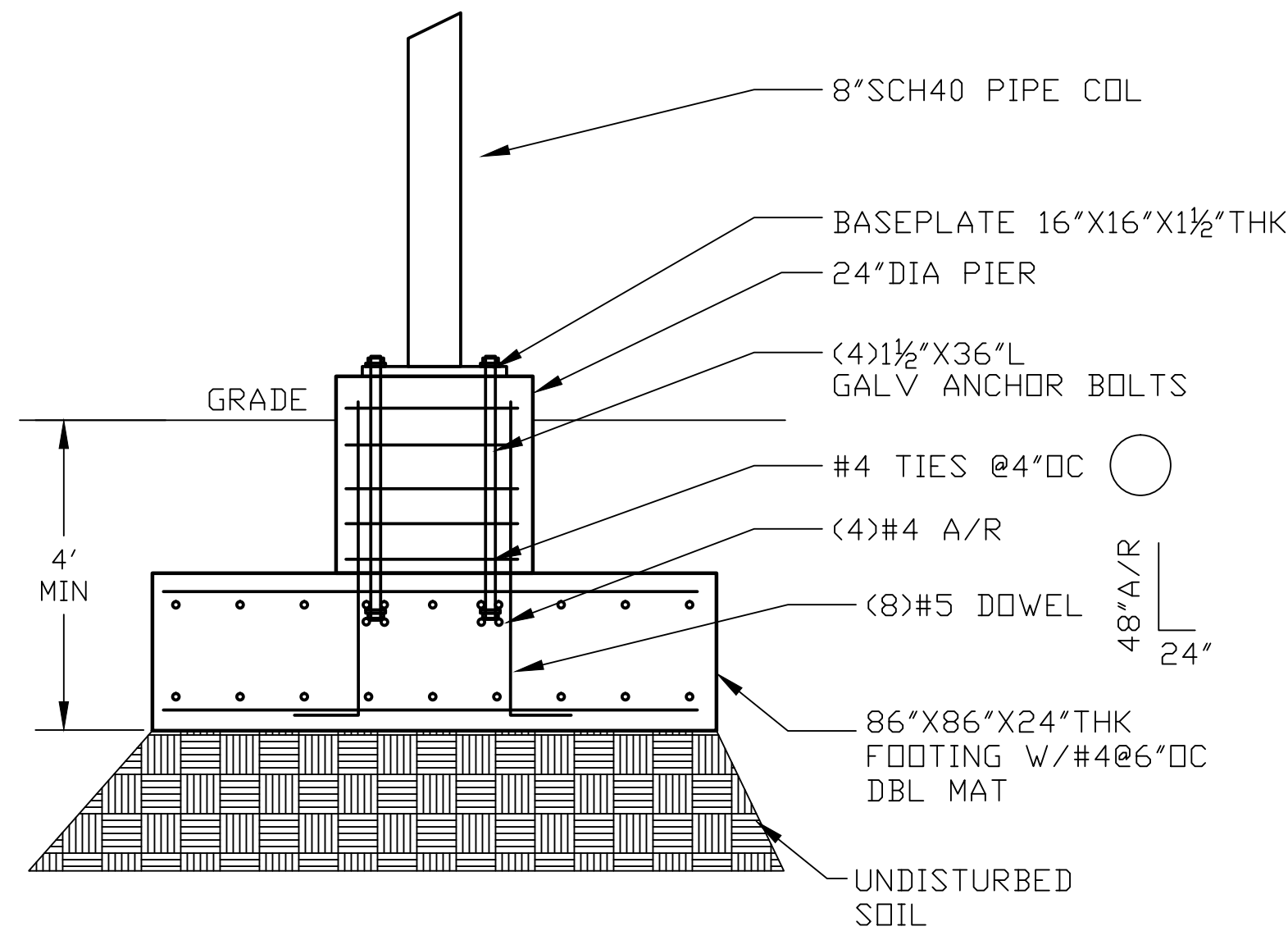
- a. Concrete to have a minimum compressive strength of 3000 psi and be reinforced with Grade 60 bar except as noted on drawing.
- b. All bars continuous unless noted. Additional lap splices permitted with written approval only. All splices to be a minimum of 38 bar diameters.

STRUCTURAL STEEL

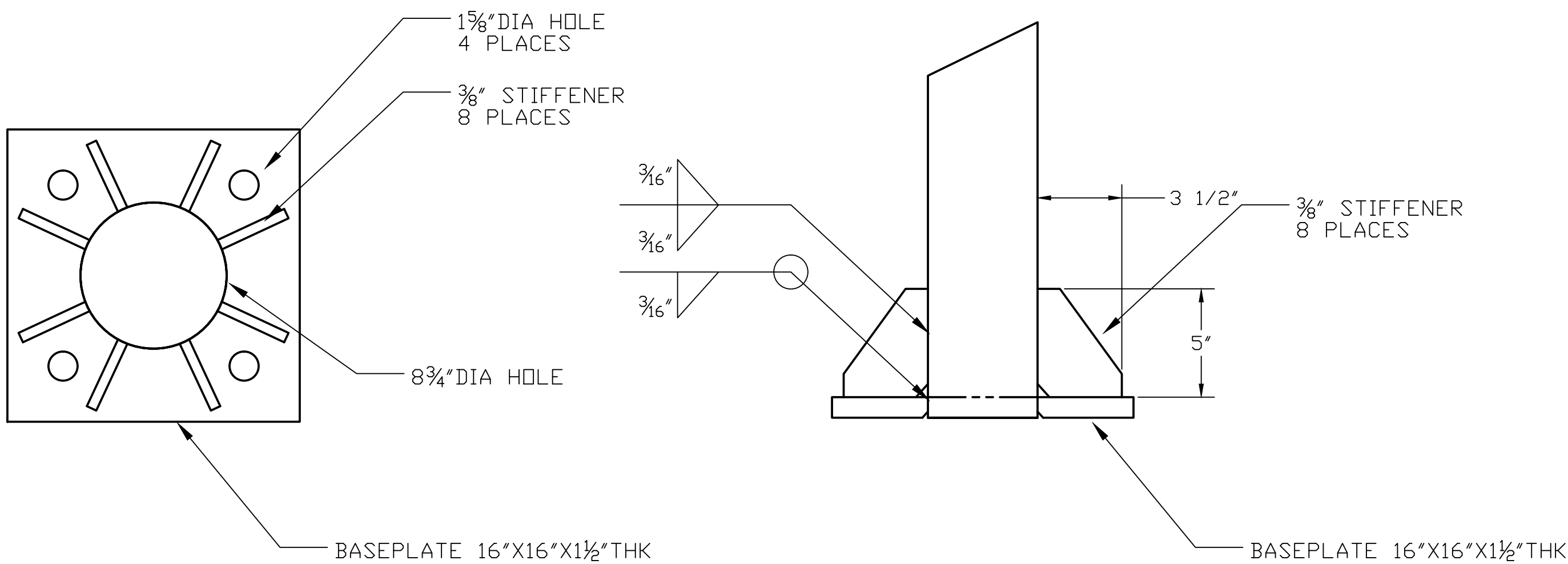
- a. All bolts, including anchor bolts, shall conform to ASTM Specification A307.
- b. Structural steel rolled shapes, including plates and angles shall be ASTM A36. Tube shapes shall conform to ASTM A500 Grade B, 46 ksi yield. Pipe shapes shall conform to ASTM A53 Grade B.
- c. Threaded anchor bolts may be extended through coupler.

GENERAL

The contract structural drawings and specifications represent the finished structure. They do not indicate the method of construction. The contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to bracing and shoring for loads due to excavation, sliding soil, or construction equipment. Observation visits to the site by the design professionals shall not include inspection of the above items, nor will the design professionals be responsible for the contractor's means, methods, techniques, sequences for procedure of construction, or the safety precautions and the programs incident thereto.



SOLAR PANEL FOUNDATION



BASEPLATE DETAILS

SOLAR PANEL FOUNDATION

BLACKDOG RESIDENCE

56010 HANNAH'S WAY

CLARK, CO

MICHAEL EHRLICH

STRUCTURAL ENGINEERING INC

0700729-3866

PO BOX 72388 STEAMBOAT SPRINGS, CO

8/14/16

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