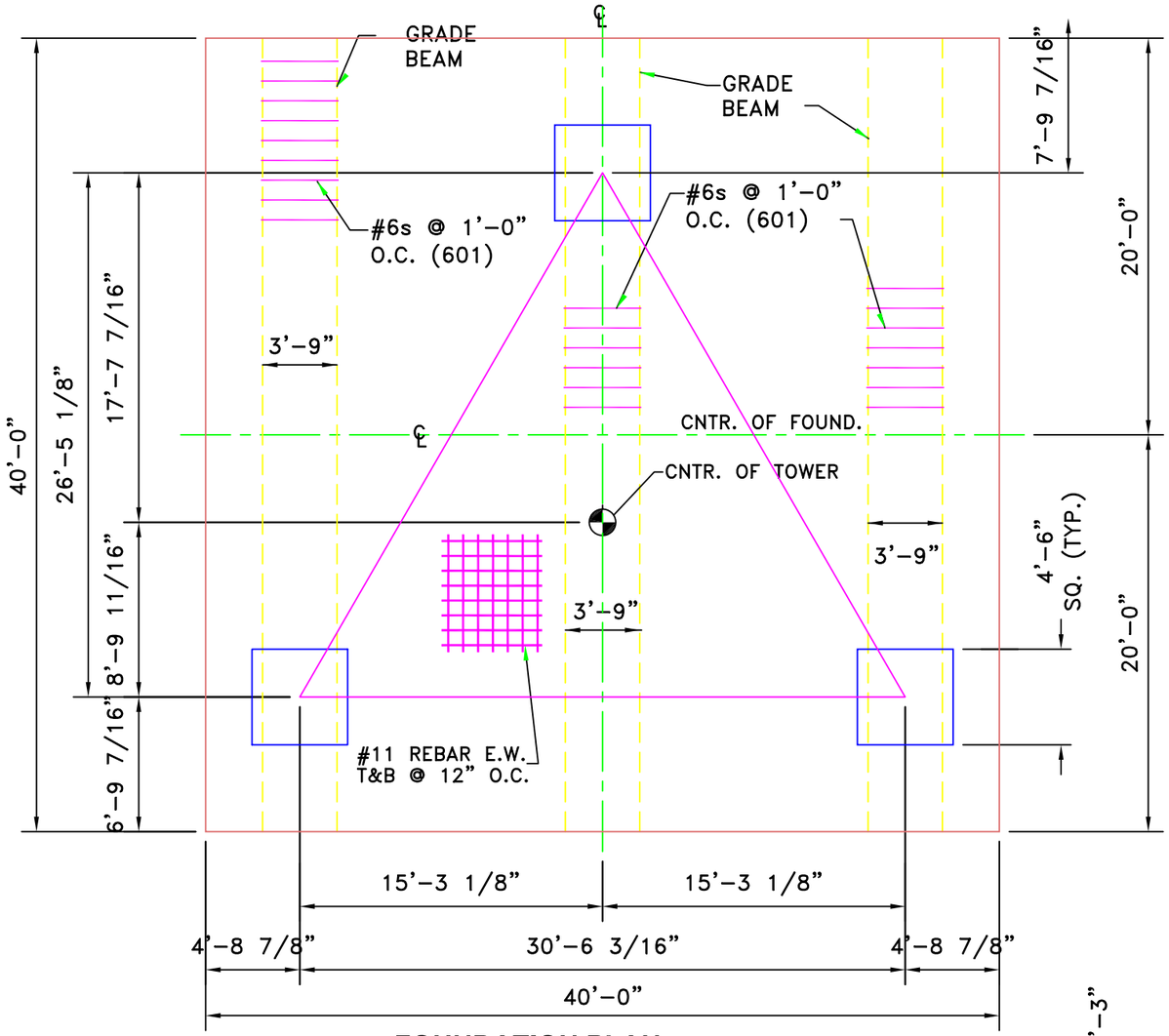
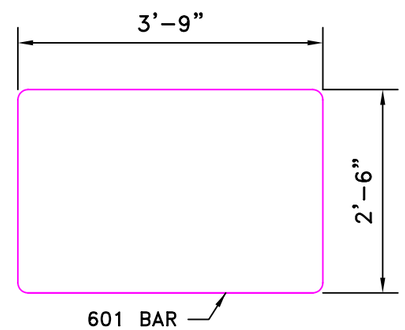


FOUNDATION PLAN

SCALE: 1/8"=1'-0"

THE TOWER PIERS AND BUILDING FOOTINGS FOR ALL OTHER BUILDINGS ON THE SITE HAVE BEEN DESIGNED TO WITHSTAND LIGHT SEISMIC FORCES. AND RETAIN THEIR INTEGRITY, IN ACCORDANCE WITH ARKANSAS ACT 1100 OF 1991. THIS SITE IS IN JOHNSON COUNTY AND REQUIRES SEISMIC LOADING FOR LIGHT ANTICIPATED DAMAGE. ZONE 1.

CONTRACTOR IS REQUIRED TO REVIEW SOILS REPORT FOR THIS PROJECT, PRIOR TO BEGINNING WORK.



"A" DETAIL OF STIRRUP

SCALE: 1/2"=1'-0"

STRUCTURAL NOTES

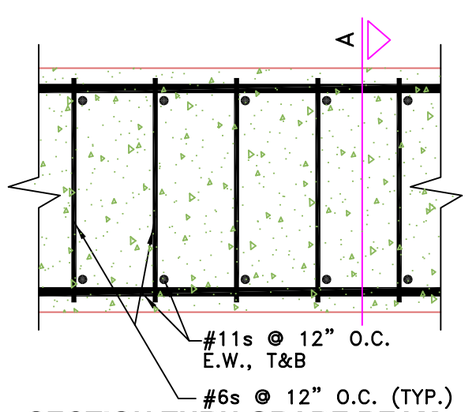
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS, CONFIRM WITH TOWER MANU. DRAWINGS. REPORT ANY DISCREPANCIES TO STRUCTURAL ENGR. PRIOR TO PROCEEDING WITH WORK.
2. CONSTRUCTION SHALL FOLLOW 1994 SBCCI BUILDING CODE AND EIA 222-F (1996)
3. CONTRACTOR TO PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE.
4. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL MEMBERS, AND NON-STRUCTURAL ITEMS DURING CONSTRUCTION.

SHOP DRAWING SUBMITTALS (REBAR)

1. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER IS RESPONSIBLE FOR ASSURING THAT ALL SUBMITTALS COMPLY WITH THE LATEST PROJECT PLANS, SPECIFICATIONS, GOVERNING CODES AND REGULATIONS AND IS SOLELY RESPONSIBLE FOR CONFIRMING ALL QUANTITIES, DIMENSIONS, FABRICATION TECHNIQUES, AND COORDINATING WORK WITH ALL TRADES.
2. REBAR SHOP DRAWINGS ARE TO BE SUBMITTED IN A TIMELY MANNER ALLOWING ADEQUATE TIME FOR PROCESSING.
3. ALL SUBMITTALS ARE TO BE ACCOMPANIED BY A LETTER OF TRANSMITTAL.
4. ALL SHOP DRAWINGS MUST BEAR EVIDENCE OF THE CONTRACTOR'S APPROVAL PRIOR TO SUBMITTAL.

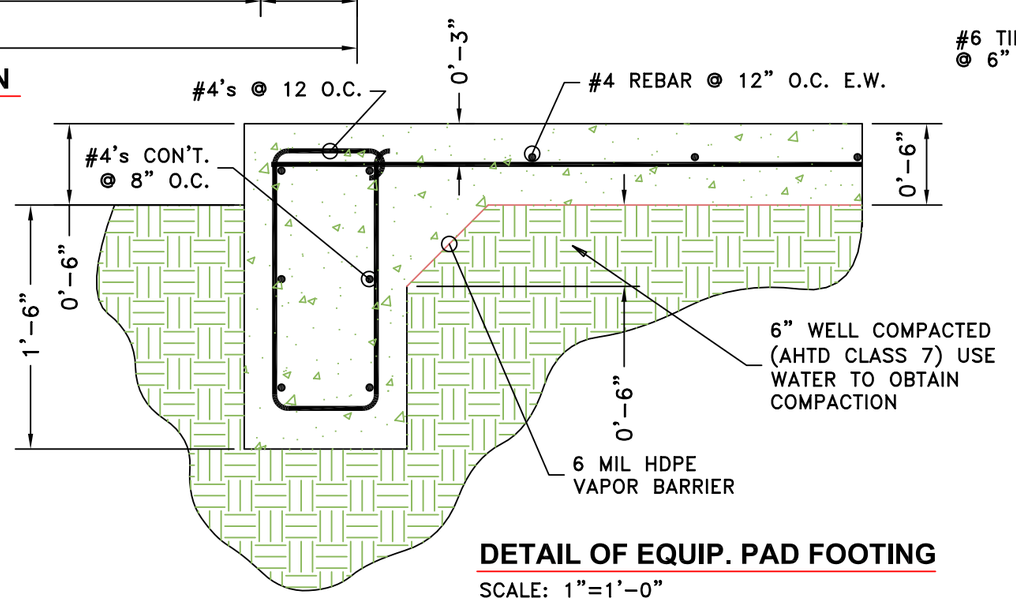
REINFORCED CONCRETE

1. CONCRETE SHALL CONFORM TO ACI 301 & 318, AND SHALL HAVE 5000 PSI COMPRESSIVE STRENGTH IN 28 DAYS.
2. AGGREGATES SHALL BE CLEAN AND WELL-GRADED, MAXIMUM SIZE 1-1/2". CONCRETE COMPRESSIVE TESTS SHALL CONFORM TO ASTM C39
3. USE NORMAL WEIGHT CONCRETE.
4. USE ASTM A-615 GR. 60 FOR ALL REINFORCING STEEL.
5. ALL REINFORCEMENT SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE WITH BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 301 AND ACI 318.
6. MAXIMUM PERMISSIBLE SLUMP: 5", USE PLACTISIZER-FOR WORKABILITY.
7. APPLY A WATER REPELLENT SEALANT TO ALL EXPOSED CONCRETE SURFACES (W.R. MEADOWS SEALTIGHT #1200, OR EQUAL) IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ALSO USE RED DYE FOR INDICATION OF APPLICATION.



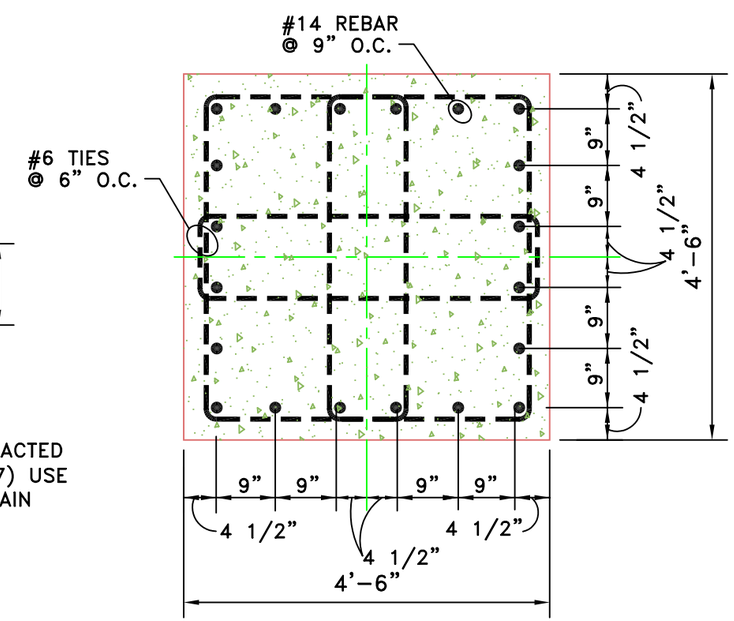
SECTION THRU GRADE BEAM

SCALE: 1/2"=1'-0"



DETAIL OF EQUIP. PAD FOOTING

SCALE: 1"=1'-0"



PLAN OF PEDESTAL

SCALE: 1/2"=1'-0"

HOPE ENGINEERS, Inc.
203 Lillian Street
Benton, Arkansas 72015
(501) 315-0786 FAX (501) 315-0700

SITE NO.
SITE_#

REVISIONS

NO.	DATE

DESIGNED BY:
REVIEWER:
DATE:
JOB NO: