



FOUNDATION PLAN  
SCALE: 1/8" = 1'

GRADE BEAM SCHEDULE					
MARK	SIZE	REINF	BAR TYPE SUPPORT	#3 STIRRUPS	
				TYPE	SPACING
GB1	12X24	2-#5 T 2-#6 B			#3 @ 18" O.C.
GB2	12X24	2-#5 T 2-#5 B			#3 @ 18" O.C.
GB4	12X48	2-#5 T 2-#4 M 2-#6 B			#3 @ 18" O.C.
GB5	12X36	2-#5 T 2-#4 M 2-#6 B			#3 @ 18" O.C.

GENERAL FOUNDATION NOTES:

- FOUNDATION DESIGN IS BASED ON A MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF.
- ALL CONCRETE SHALL CONFORM TO A.C.I. STANDARD 318-83 (BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE) AND SHALL HAVE 28 DAY MINIMUM COMPRESSIVE STRENGTH,  $f'_c = 3,500$  PSI FOR POURED IN PLACE CONSTRUCTION UNLESS NOTED OTHERWISE.
- SLUMP OF POURED IN PLACE CONCRETE SHALL NOT EXCEED THE FOLLOWING WHEN PLACED:
  - FOOTINGS AND STEM WALLS - 6"
  - SLABS ON GRADE - 4"
- REINFORCING STEEL SHALL BE AS FOLLOWS:
  - STIRRUPS, TIES, & #3 BARS A.S.T.M. A615 GRADE 60
  - ALL OTHER REINFORCING A.S.T.M. A615 GRADE 60
- LAP ALL REINFORCING BAR SPLICES 30 BAR DIAMETERS UNLESS OTHERWISE NOTED.
- CLEAR DISTANCES FROM CONCRETE TO MAIN REINFORCING SHALL NOT BE LESS THAN 2" FOR GRADE WALLS, 3" FOR FOOTINGS.
- PROVIDE CORNER BARS IN OUTSIDE FACES OF ALL EXTERIOR FOOTING AND WALLS. NUMBER, SIZE, AND SPACING OF CORNER BARS SHALL BE EQUAL TO THE NUMBER, SIZE, AND SPACING OF HORIZONTAL REINFORCING WITH WHICH THEY LAP AND SHALL EXTEND TO 36 BAR DIAMETERS IN EACH DIRECTION.
- SUB BASE MATERIAL 8" OF CRUSHER RUN ROCK COMPACTED TO A DEPTH OF 8" BENEATH THE BUILDING FINISH FLOOR.
- ALL FOOTINGS SHALL BE POURED IN THE DRY BOTTOMS FREE OF LOOSE MATERIAL AND BEARING ON UNDISTURBED MATERIAL AS SPECIFIED BY NOTE #1.

PRELIMINARY

**FOX ENGINEERING**  
CIVIL ENGINEERS  
ARDMORE - OKLAHOMA

Fox Engineering, Inc.  
211 E. Street N.W., PO Box 666  
Ardmore, Oklahoma 73401  
Phone: 580.223.2319  
Fax: 580.223.2492  
E-mail: foxengineering@aboglobal.net

CERTIFICATE OF AUTHORIZATION NO. 375  
CERTIFICATE OF AUTHORIZATION EXPIRES 6-30-2009

FOUNDATION PLAN  
PROPOSED METAL BUILDING  
CHOCTAW, OKLAHOMA

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SCALE: NONE

DATE: 08/01/07

REVISIONS:

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