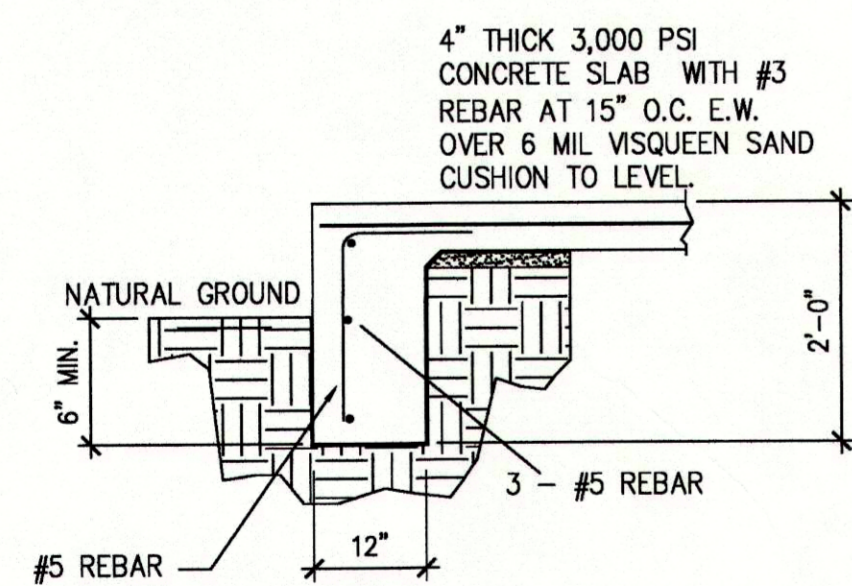
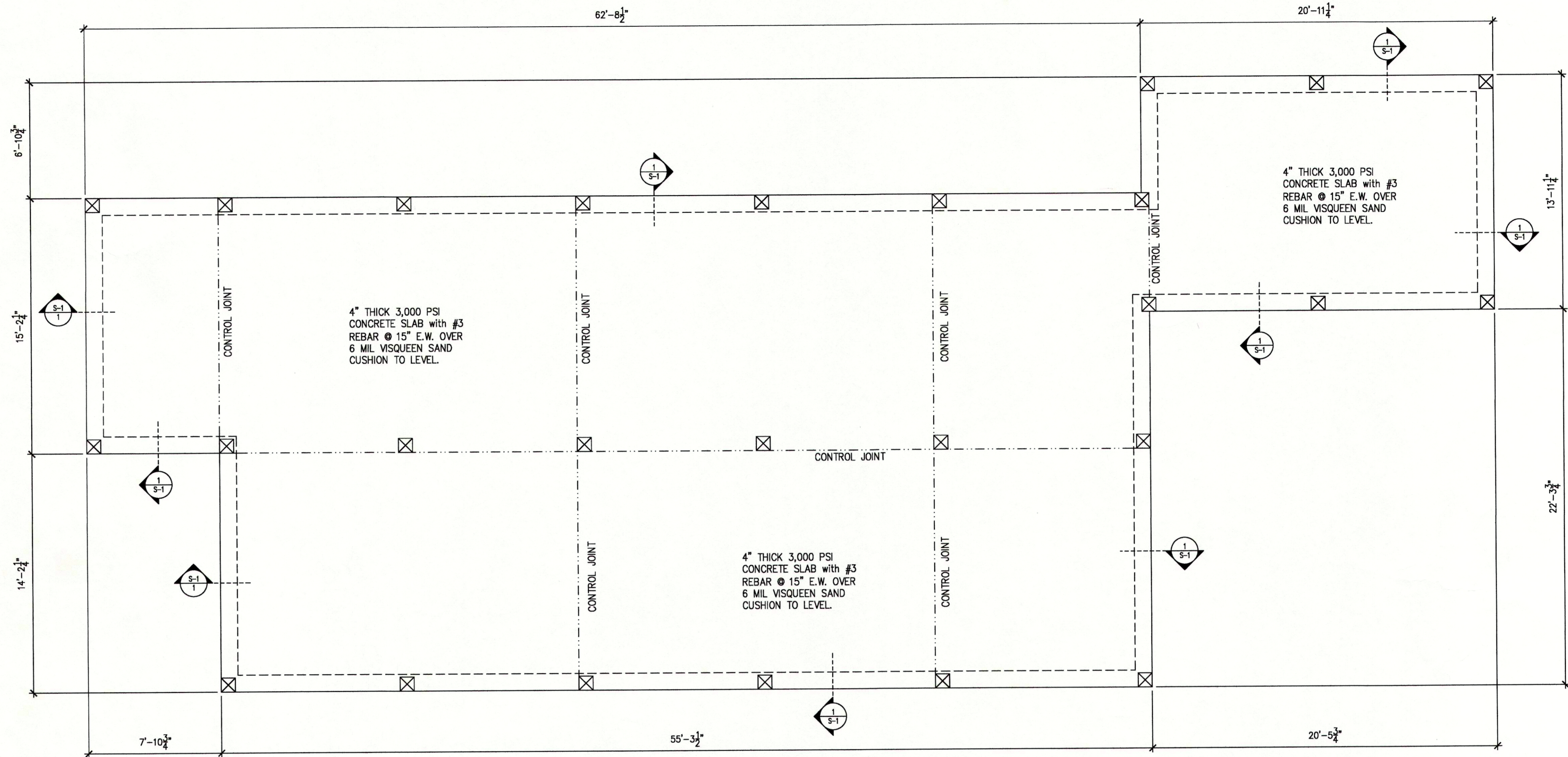


GENERAL CONCRETE NOTES

1. VERIFY ALL DIMENSIONS AND ELEVATIONS OF RECESS, LEDGES AND STEPS WITH ARCHITECT BEFORE COMMENCEMENT OF FORM WORK.
2. NO CONCRETE SHALL BE PLACED WITHOUT APPROVAL FROM THE ENGINEER OR THE ARCHITECT.
3. CONCRETE SHALL NOT BE PLACED IN WEATHER WHERE THE AMBIENT AIR TEMPERATURE IS 40°F AND FALLING NOR IN RAINY WEATHER.
4. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH AC-318 WITH THE LATEST REVISIONS.
5. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI UNLESS NOTED OTHERWISE.
6. REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 WITH A305 DEFORMATION DETAILED, FABRICATED AND INSTALLED PER ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE REINFORCEMENT," ACI-315 LATEST REVISIONS.
7. WELDED SMOOTH WIRE FABRIC SHALL CONFORM TO ASTM-A185.
8. REINFORCING STEEL MINIMUM COVERAGE UNLESS NOTED ON REBAR CHAIRS SHALL BE:
 - FOOTINGS 3" BOTTOM AND SIDES, 2" TOP
 - GRADE BEAMS 3" FROM EARTH
 - SLAB 2-1/2" FROM VAPOR BARRIER
9. CHAMFER ALL EXPOSED EDGES 3/4" AT 45 DEGREES.
10. HOLES FOR DRILLED FOOTINGS SHALL BE PLUMB AND FREE OF ALL LOOSE MATERIAL/DEBRIS AND WATER. CONCRETE AND REINFORCING SHALL BE PLACED IMMEDIATELY AFTER EXCAVATION.
11. PROVIDE CORNER BARS IN THE OUTSIDE FACE OF THE EXTERIOR GRADE BEAMS. MATCH THE HORIZONTAL STEEL. AT ALL RE-ENTRANT CORNERS PLACE 2 - #4 x 4'-0" IN THE SLAB.
12. UNDERGROUND UTILITIES OR OBSTRUCTIONS ENCOUNTERED SHALL BE REMOVED, RELOCATED OR LEFT IN PLACE AS DIRECTED BY THE ENGINEER.
13. BARS DETAILED AS CONTINUOUS SHALL BE LAPPED 48 BAR DIAMETERS AT SPLICES. THE SPLICES SHALL STAGGERED.
14. ALL CONSTRUCTION SHALL CONFORM WITH CURRENT CITY OF JURISDICTION BUILDING CODES AND THE 2009 IRC WITH TEXAS REVISIONS WERE APPLICABLE.
15. IF NO GEOTECHNICAL REPORT IS PROVIDED, THEN THE ENGINEER RECOMMENDS THAT THE OWNER/CONTRACTOR OBTAIN A GEOTECHNICAL REPORT.
16. SUBGRADE PREPARATION AND COMACTION
 - SELECT FILL MATERIAL; SANDY-CLAY (CL)
 - MC<40; PI 10-20; COMPACT TO 95% STANDARD PROCTOR DENSITY.
17. WHERE SHOWN ON THE DRAWINGS GRADE BEAMS SHALL BE POURED ON TRAPEZOIDAL SHAPE CORRUGATED FIBERBOARD FORMS AS MANUFACTURED BY CONTAINMENT CORPORATION OF AMERICA OR EQUAL. THE FIBERBOARD SHALL BE IMPREGNATED WITH A POLYETHYLENE-WAX BLEND AND LAMINATED WITH WATERPROOF ADHESIVE. BEAM FORMS SHALL BE 4" DEEP AND ONE INCH LESS IN WIDTH EITHER SIDE OF THE GRADE BEAM AT BOTTOM OF THE CARTON. NO REINFORCEMENT SHALL BE SUPPORTED ON CARTON VOID FORMS.
18. THE GENERAL CONTRACTOR SHALL EXAMINE THE MECHANICAL DRAWINGS FOR REQUIRED MECHANICAL WORK TO BE PLACED IN CONCRETE. THE CONTRACTOR SHALL NOTIFY AND RECEIVE PERMISSION FROM THE STRUCTURAL ENGINEER FOR THE PLACING OF SLEEVES, PIPES AND OTHER MATERIALS.
19. ALL PIPES GOING THROUGH THE EXTERIOR GRADE BEAMS SHALL BE SLEEVED. ALL PIPES SHALL BE LOCATED AT MID-DEPTH OF GRADE BEAM.
20. SIZE OF SLEEVES SHALL NOT EXCEED 1/3 THE OVERALL THICKNESS OF THE GRADE BEAM. SPACING OF SLEEVES SHALL NOT BE CLOSER THAN 3 DIAMETERS OF PIPE.
21. THE ENGINEER SHALL NOT BE LIABLE FOR ANY FOUNDATION REVISIONS OR CHANGES FROM THE ARCHITECT, CONTRACTORS OR OWNERS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
22. CURE ALL CONCRETE IMMEDIATELY AFTER FINISHING WITH APPROVED CHEMICAL CURING COMPOUNDS OR APPROVED CURING METHODS.



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

CONCRETE FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

THIS STRUCTURE HAS BEEN DESIGNED TO RESIST A 3 SECOND WIND GUST SPEED OF 120 MPH, EXPOSURE "C" AND IN ACCORDANCE WITH THE 2009 IRC, THE CITY OF KEMAH BUILDING STANDARDS AND TEXAS WINDSTORM STANDARDS.

PROJECT NO:	
DATE DRAWN:	
BID DATE:	
CONSTR. ISSUE:	
REVISIONS:	

McCoy Engineering and Inspection, L.L.C.
 3911 South Beechwood Court Houston, Texas 77059
 T. B. P. E. Firm No. 10789
 MICHAEL W. MCCOY
 LICENSED PROFESSIONAL ENGINEER
 59865
 STATE OF TEXAS

NEW CUSTOM HOME
MARK HESSLER
 806 KIPP AVE
 KEMAH, TEXAS 77565

McCoy Engineering and Inspection, L.L.C.
 T. B. P. E. Firm No. 10789
 3911 South Beechwood Court HOUSTON, TEXAS 77059 713-857-3525



MIKE MCCOY, P.E. #59865
 JUNE 29, 2015

S-1