ADDRESS:_____ FOOTING / FOUNDATION / SLAB DATE:_____

FOOTINGS:

1.1	____ provide soil report for bearing capacity (design bearing capacity > 2000 psf)	401.4.1
1.2	____ provide soil report for compaction / bearing capacity (footings supported by fill)	401.2
1.3	____ continious / spread footings must be min. 6" thick(1 story) ; 8" (1 ½ - 2 ½ story) ; 10" (3 story)	403.1.1
1.4	____ pier footings must be min. 8" in thickness	tbl403.1(a)
1.5	____ footing projections must be min. 2" and not exceed footing thickness	403.1.1
1.6	____ bottom of footing must be minimum 12" below grade	403.1.4
1.7	____ maximum slope of bottom of footing = 1:10(10% slope) or provide step down	403.1.5
1.8	____ provide min. 16" wide footing for 1&2 story wood frame or 1 story brick veneer	tbl403.1
1.9	____ provide proper footing width (3 story wood frame = 17" / 2 story brick veneer = 19" / 3 story brick veneer = 23")	tbl403.1
1.10	____ install reinforcement per design	
1.11	____ provide minimum 3" clearance for reinforcement from bottom of footing	ACI 318
1.12	____ reinforcement lap splices must be minimum 12" or 24 bar diameters	ACI 318
1.13	____ install bulk heads @ step downs and/or depth indicators in footing	403
1.14	____ miscellaneous _____	

SLABS:

2.1	____ remove all vegitation / foreign material from slab area	506.2
2.2	____ provide proper fill for slab (max. 24" for sand ; max. 8" for earth)	506.2.1
2.3	____ provide minimum 6 mil vapor barrier	506.2.3
2.4	____ lap vapor barrier joints minimum 6"	506.2.3
2.5	____ provide 24" of R-5 rigid insulation (vertically , horizontally or combination) around perimeter(when used)	1102.1.6
2.6	____ provide minimum slab thickness of 3 ½" (4" if welded wire fabric is used)	506.1
2.7	____ thickened areas / grade beams for interior bearing conditions must comply with footing requirements	401.2
2.8	____ turn downs / lugs for monolithic slabs must comply with footing requirements	401.2
2.9	____ provide ½" anchor bolts w/ 7" embedded @ 6'o.c. & within 12" of corners / plate sections	403.1.6
2.10	____ alternate anchor straps not installed according to manufacturers installation instructions	
2.11	____ provide termite treatment certificate	324.1
2.12	____ miscellaneous _____	

FOUNDATIONS:

3.1	____ provide min. 8"x16" piers(1&2 story up to 100sqft. Of tributary area / 2 ½ story max. 50sqft. Of tributary area)	tbl403.1a
3.2	____ provide min. 16"x16" piers(2 story150sqft. Tributary area and greater / 2 ½ story up to 200sqft. Of tributary area)	tbl403.1a
3.3	____ provide min. 16"x24" piers(2 ½ story > 200sqft. Of tributary area	tbl403.1a
3.4	____ provide min. 4" solid cap for 1 story or 8" solid cap for 2 & 2 ½ story	tbl403.1a(1)
3.5	____ max. unsupported height of piers = 10x least dimension(solid) & 4x least dimension(hollow)	606.5
3.6	____ 6" foundation walls must be solid or fully grouted	tbl404.1.1(1)
3.7	____ maximum height of unbalanced fill for 8" cmu wall (hollow) = 4'	tbl404.1.1(1)
3.8	____ provide engineering for foundation walls	404.1.3
3.9	____ provide lateral support for curtain walls @ max. 18x thickness	606.8
3.10	____ provide ½" anchor bolts w/7" embedded @ 6'o.c. and 12" from corners / ends of plate sections	403.1.6
3.11	____ alternate anchor straps not installed per manufacturers installation instructions	
3.12	____ provide foundation drain (interior grade 12" or greater below exterior grade	405.1
3.13	____ provide foundation dampproofing (outside grade higher than inside grade)	406.1
3.14	____ provide foundation water proofing (foundation encloses habitable or usable space)	406.2
3.15	___ provide minimum foundation venthilation (1sqft. / ea. 150sqft. Or 1sqft. / ea. 1500sqft. W/vapor barrier)	408.1
3.16	____ provide 1 venthilation opening within 3' of each corner of building	408.1
3.17	____ provide minimum 18" x 24" access opening	408.3
3.18	____ miscellaneous _____	

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COMMENTS:

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APPROVED_____ DISAPPROVED_____ DATE_____