ADDRESS:_____ PLUMBING FINAL DATE:_____

BUILDING SEWER:

1.1	____ pipe listed for building sewer	702.3
1.2	____ minimum slope = 1/8" per foot	704.1
1.3	____ minimum size building sewer = 4"	710.1(1)(b)
1.4	____ minimum cover for building sewer = 3"	305.6.1
1.5	____ provide cleanout at junction of building drain / sewer	708.3.5
1.6	____ sewer within 5' of water service must be ABS, PVC, cast iron or copper	703.1
1.7	____ provide cleanout at ea. 100' max. & 1 per (4) 45deg. Changes in direction	708.3.2
1.8	____ backwater valve required (floor level lower than next upstream manhole)	715.1
1.9	____ provide sleeve(min. 2 pipe sizes greater) thru foundation wall and under footing	305.5
1.10	____ provide proper fitting between different materials	705.16/706.2
1.11	____ miscellaneous _____	

WATER SUPPLY & DISTRIBUTION:

2.1	____ pipe material listed for water service	605.4
2.2	____ pipe material listed for water distribution	605.5
2.3	____ minimum size of water service = ¾"	603.1
2.4	____ top of water line must be minimum 12" below finish grade	305.6
2.5	____ provide sleeve(min. 2 pipe sizes greater) thru foundation wall and under footing	305.5
2.6	____ insulate water lines min. R-6.5 in unconditioned attic or utility room	305.6
2.7	____ max. horizontal spacing of hangers(copper tubing 6' o.c. max. / pex 32" o.c. max.)	308.5
2.8	____ minimum test pressure = 100psi	312.5
2.9	____ provide pressure reducing valve (pressure in building > 80psi)	604.8
2.10	____ provide main cut-off	606.1
2.11	____ provide expansion tank for water heater	607.3.2
2.12	____ provide vacuum breakers for hose bibs / hydrants	608.15.4.2
2.13	____ provide water hammer arrestors @ quick closing valves (metallic piping)	604.9
2.14	____ provide brass transition or dielectric fitting for copper to galvanized connection	605.22.1
2.15	____ miscellaneous _____	

WATER HEATERS:

3.1	____ provide cold-water cut-off (must be accessible)	606.1(8)
3.2	____ provide vacuum breaker min. 6" above on cold water side (if bottom fed)	504.2/608.15.4
3.3	____ provide galvanized steel pan (1/16" plastic for electric ok)	504.7
3.4	____ pan must be 1 ½" deep with 1" drain	504.7.1
3.5	____ pan drain must terminate min. 6" & max. 24" of ground	504.7.2
3.6	____ provide minimum 18" of copper at water heater (gas) before changing to pex	manuf. Install. Instr.
3.7	____ miscellaneous _____	

GENERAL:

4.1	____ provide Teflon tape or pipe dope for air admittance valve	705.14.3
4.2	____ air admittance valve marked ASSE1051	917.1
4.3	____ air admittance valve must be min. 4" above trap arm	917.4
4.4	____ air admittance valve must be accessible	917.5
4.5	____ fixtures must be caulked / sealed at floors and walls	405.5
4.6	____ secure shower head to wall	417.2
4.7	____ provide min. 15" clr. From center line of W.C. to adjacent walls / vanities etc…	405.3.1
4.8	____ provide minimum 21" clr. In front of W.C.	405.3.1
4.9	____ wall area above built-in tubs w/shower heads & shower stalls must be nonabsorbent to 6' above floor level	417.4.1
4.10	____ cultured marble lavatories marked ANSI Z124.3 or CSA B45.5	416.2
4.11	____ whirlpool bathtubs marked ASME A112.19.7 , CSA B45.5	421.1
4.12	____ provide access to whirlpool pump	421.2
4.13	____ whirlpool pump access must be min. 12" x 12" with a 21" cube on front or side	DOI interp.
4.14	____ purple primer shall be used	705.14.2
4.15	____ remove " S " trap and vent fixture	1002.3(5)
4.16	____ water closet screws and bolts must be of brass	405.4.1
4.17	____ set air admittance valve plumb	manuf. Install. Instr.

VENT TERMINATION:

5.1	____ terminate vent minimum 6" above roof	904.1
5.2	____ properly flash vent @ roof	904.3
5.3	____ vent cannot terminate below vented soffit	904.6
5.4	____ vent cannot terminate within 10' of building openings unless 2 feet above	904.5
5.6	____ miscellaneous _____	

SUMPS & EJECTORS:

6.1	____ sump pit must be minimum 18" dia. X 24" deep	712.3.2
6.2	____ install cut-off valve on discharge side of check valve	712.2
6.3	____ minimum size of discharge line = 2"	712.4.2
6.4	____ minimum capacity of sump/ejector = 2ft. per second (20gpm)	712.4.2
6.5	____ sump/ejector discharge must connect to building drain min. 10' from the base of any stack or fixture drain	712.3.5
6.6	____ connection must be made thru wye fitting into the top of the drainage pipe	712.3.5
5.10	____ miscellaneous _____	

_____

comments on reverse side

APPROVED_____ **DISAPPROVED**_____ **DATE**_____