2006 NEW CASTLE COUNTY **FINAL PLUMBING** CHECKLIST

(2006 IBC , 2006 IPC, 2006 IRC)

	Pass	Corr. Req'd	N/A		
1.	**O**	**O**	**O**	Verify site identification & permit displayed at worksite	IRC 321.1, Ch 6 6.03.012(Q)
2.	**O**	**O**	**O**	Access provided to all areas to be inspected	Ch 6 6.03.018(A)(E)
3.	**O**	**O**	**O**	NCC apprv'd constr docs at inspection site (revision req'd for changes)	Ch 6 6.03.013(B.6a)(B.7)
4.	**O**	**O**	**O**	Info on drawings shall clearly indicate the extent of the work	Ch 6 6.03.013(B.1)(B.7)
5.	**O**	**O**	**O**	Verify all permits issued (Inside/Outside Plumbing, sewer/water lateral permitting & inspec reqmnts)	Ch 6 6.03.012(A), 6.03.018(C)(F)
6.	**O**	**O**	**O**	Verify all req. inspections (S/W, DWV, underground, gas test)complete w/o leaks	Ch 6 6.03.018(E)(F)
7.	**O**	**O**	**O**	Verify re-inspection items have been corrected or appd.	Ch 6 6.03.018(F) & see prior inspection list
8.	**O**	**O**	**O**	Plumbing work installed per NCC approved construction documents and per code	Ch 6 6.03.013(B.7)
9.	**O**	**O**	**O**	Pipes sized properly for fixtures served	Ch 6 6.03.013(B.7), 2003 IPC (T) 604.5, (T) 709.1
10.	**O**	**O**	**O**	Pipe supported & sloped per code: PVC horizontal: 48"; less than 3" = ¼ per ft, 3" to 6" pipe=1/8" /ft	IPC (T) 704.1, (T) 308.5
11.	**O**	**O**	**O**	All required full-open and shut-off valves are accessible & located per code	IPC 606.3, 606.1, 606.2
12.	**O**	**O**	**O**	Verify minimum facilities/fixtures installed for use group & occupant load (drinking fountains, w.c.'s, lav's, bathtubs/showers, service sinks)	IPC (T) 403.1
13.	**O**	**O**	**O**	Hose bib in place with labeled shutoffs & vacuum breaker	IPC 608.15.4.2, 606.2
14.	**O**	**O**	**O**	All penetrations sealed & sleeved through masonry	IPC 305.4, 305.5
15.	**O**	**O**	**O**	Rain & sump water directed away from dwelling, 5' from foundation walls	IRC 801.3
16.	**O**	**O**	**O**	Capped cleanouts on sanitary line (cut to grade in yard)	IPC 708.3.5
17.	**O**	**O**	**O**	Sump pit complete, pump, piping, cover, check valve & operates w/o recycl.	Ch 6 R405.1.1, R405.2.3
18.	**O**	**O**	**O**	Firesafing detail for rated floor, wall, ceiling penetrations & assemblies provided and installed per plan	IPC 307.2, IBC 711.5, 712, Ch 6 6.03.013(B.7)
19.	**O**	**O**	**O**	Combustible materials in type I and II comm. constr. installed where allowed	IBC 603.1,717,IPC 307.6
20.	**O**	**O**	**O**	Verify no materials embedded in req.fire protect covering in comm. constr.	IBC714.3, IPC301.2, 307.3
21.	**O**	**O**	**O**	Materials used & joints installed per code (no type M or WM copper allowed, plastic water service pipe shall terminate within 5' inside basement, SAN Tee & Short 90 in proper use in change of direction)	IPC 605, 605.3, 706.3, (T) 605.4, (T) 605.5, (T) 706.3,Ch 6 6.07.002
22.	**O**	**O**	**O**	Sep. of water supply and sanitary (5' apart or water line 1' above, w/exceptions)	IPC 603.2
23.	**O**	**O**	**O**	Fixtures in contact with walls & floors shall be caulked (tub spouts, faucets,etc.)	IPC 405.5
24	**O**	**O**	**O**	Plumbing pipes protected from freezing in unheated areas	Ch 6 6.07.002 P305.6
25.	**O**	**O**	**O**	All future drainage plumbing capped with an approved cap or plug	IPC 704.4
26.	**O**	**O**	**O**	Verify dishwasher air gap/air break	per manf's specs, IPC 802.1.6 & 409
27.	**O**	**O**	**O**	Verify hot water supply to fixtures is on the left side	IPC 607.4
28.	**O**	**O**	**O**	Verify mech ventilation for bathing fixtures w/o window	IMC (T) 403.3, IRC 303.3 excep
29.	**O**	**O**	**O**	Verify access panels (for whirlpool tub pumps, shut-off valves)	IPC 421.5, 606.3
30.	**O**	**O**	**O**	Check for anti-scald shower valve (showers), max temp 120 DEG	IPC 424.3, 424.4
31.	**O**	**O**	**O**	Verify traps installed and max distance from outlet to vent	IPC 1002.1, (T) 906.1
32.	**O**	**O**	**O**	Water Heater - first 18" of hot and cold water lines are rigid metallic pipe, full open valve on supply (cold) line, Temperature & pressure valve w/blowoff pipe (rigid metallic), pan req. if installed where leak will cause damage	Ch 6 P502.5, 504.6.2, IPC 503.1, 606.1(8), 504.6, 504.4, 504.7
33.	**O**	**O**	**O**	If laundry sink is provided with threaded hose bib, vacuum breaker fitting is req.	IPC 608.15.4.2
34.	**O**	**O**	**O**	Verify plumbing fixtures installed &spacing (toilets-15" center line) (30" x 30" min shower stalls; 21" front clearance (24" /shower stall); 2"lav to tub; 4"lav to w/c; 4"lav to lav; 4" lav to wall)	IRCFig.307.1
35.	**O**	**O**	**O**	Check bathroom ceiling height (7') & above fixtures (6'8") (21" clearance in front of sinks, lavs, wc's, tubs) (24" clearance in front of shower stalls)	IBC 1208.2, IRC 305.1,305.1 ex. 4
36.	**O**	**O**	**O**	Venting: Vent collars installed & at least one 3" stack extending 12" above roof, distance of trap from vent, weathertight	Ch 6 P 904.1,916.2 IPC 904, IRC 903, IPC (T) 906.1
37.	**O**	**O**	**O**	Verify cleanouts installed: location, size, clearance, access	IPC 708
38.	**O**	**O**	**O**	Laundry standpipe (18" minimum/42" maximum above trap weir)	IPC 802.4, 406.3

Inspector_____ Permit Number _____

Date_____ Inspection Results: **Pass**_____ **Corrections Required** ____

O See correction notice for additional items that require correction