



Reviewing Firm:

|                     | Date | Reviewer |
|---------------------|------|----------|
| Initial Review:     |      |          |
| 1st Review Meeting: |      |          |
|                     |      |          |
| 2nd Review Meeting: |      |          |
| COMPLIES?           | YES  | NO       |

Project Name:  
 Project Address:  
 Application Number:

**PLUMBING CHECKLIST**

|  | Hansen Correction No. | Auto Corr. | Code Section | Description | Status | Comment | Critical | Not critical |
|--|-----------------------|------------|--------------|-------------|--------|---------|----------|--------------|
|--|-----------------------|------------|--------------|-------------|--------|---------|----------|--------------|

**Plan Information**

|                          |  |  |                            |  |  |  |  |  |
|--------------------------|--|--|----------------------------|--|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-601                  | Meet Chicago Building Code requirements for water, waste, and vents.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-403 to 403.1         | Meet all requirements for toilet facilities.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-403.1                | Meet all requirements for business equipment.  |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-603.3.7              | Show all water piping required for fire prevention.  |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-603.3.7              | Provide equipment cut views for dental, barber, beauty, etc.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-401 thru 18-29-425.4 | Provide plumbing fixture and equipment schedule: Listing quantity of each fixture.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-401 thru 18-29-425.4 | Provide plumbing fixture and equipment schedule: note make, model, and material for each item.                                 |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-401 thru 18-29-425.4 | Provide plumbing fixture and equipment schedule: All new and existing fixtures.  |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-702                  | Note the type of material being used for water, waste and vent piping  |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-105.4.4              | Provide isometric piping diagrams for water, waste, and vents. Show sizing of all piping and note type of material being used. |  |  |  |  |

**Water Service**



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| <input type="checkbox"/> |                       |            |              | Provide Fire Letter. |        |         |          |              |



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| <input type="checkbox"/> |                       |            |                   | Building permit <b>can be issued</b> without fire letter if all other corrections are made, however no water tap permit will be issued from the Water Department until the fire letter has been submitted.         |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-604.7       | Larger water service required: Install G.P.M. domestic pump.   |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-603.1.3     | Larger water service required: Provide drawing showing Fire line connection to water service.  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-608         | Provide RPZ on inlet side of _____ .   |        |         |          |              |
| <input type="checkbox"/> |                       |            | (18-29-603.3.4)2  | 1"-2" water service: Water meters are to be installed a maximum of 2'-0" from the outside wall or a maximum 50'-0" from the property line. If meter is over 50'-0" water meter must be installed in a meter vault. |        |         |          |              |
| <input type="checkbox"/> |                       |            | (18-29-603.3.4) 3 | 3" water service: Water meters are to be installed a maximum of 4'-0" from the outside wall or a maximum 100'-0" from the property line. If meter is over 100'-0" water meter must be installed in a meter vault.  |        |         |          |              |
| <input type="checkbox"/> |                       |            |                   | Line Valves: Buildings with more than 100 Dwelling units require two line valves installed on the water main in addition to a building shut-off valve on the water service line.                                   |        |         |          |              |
| <input type="checkbox"/> |                       |            |                   | Line Valves and Service: Hospitals and buildings over  |        |         |          |              |



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|                       |            |              | 300'-0" in height require two services with a shut-off valve at each service and a shut-off valve on the water main. |        |         |          |              |



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**Water Supply and Distribution**

|                          |  |                           |   |  |  |  |  |
|--------------------------|--|---------------------------|---|--|--|--|--|
| <input type="checkbox"/> |  | 18-29-608                 | Provide approved type ball cock, vacuum breaker air gap for _____ . |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-425.1.1             | Provide flushometer valve for each individual urinal.               |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-608                 | Water supply pipes  |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-604.5, 604.10       | Water supply pipes: of proper size.                                 |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-606.1, 606.2        | Water supply pipes: Provide proper control valve.                   |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-605.4               | Water supply pipes: of proper material.                             |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-604.11              | Water supply pipes: provide proper air chambers for                 |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-504.7, 504.7.1      | Water heater: provide a proper discharge pipe                       |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-503.1.1             | Water Heater: shut-off valve on inlet side of water                 |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-503.1.1             | Water heater: Remove valve on outlet side.                          |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-504.2, 504.5, 504.6 | Water heater: Provide approved type relief valve.                   |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-504.7, 504.7.1      | Provide a proper discharge pipe from water heater                   |  |  |  |  |
| <input type="checkbox"/> |  | 18-29-504.2, 504.5,       | Provide hot water storage tank relief valve from water              |  |  |  |  |



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|--------------------------|-----------------------|------------|-----------------------|--|--------|---------|----------|--------------|
| <input type="checkbox"/> |                       |            | 504.6<br>19-3-196-420 | Provide hot and cold water to each lavatory and/or sink. |        |         |          |              |



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| <input type="checkbox"/> |                       |            | 18-29-607.5  | Provide hot water supply pipe with properly constructed swing joint or expansion loop. |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-608    | Provide indirect connection for water supply.  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-504.8  | Provide Safe Pan for water heater pipe drain to floor drain                            |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-502.4  | Gas hot water heater is not allowed in washrooms.                                      |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-608    | Provide in line check valve for all beverage machines; provide note on plan            |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-425.11 | Flushometer valve for each individual urinal   |        |         |          |              |

**Soil, Waste & Vent Pipes**

|                          |  |  |               |  |  |  |  |  |
|--------------------------|--|--|---------------|--|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-1202.14 | Provide proper indirect connection for waste line from swimming pool.  |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1003    | Provide basins of proper material and construction to intercept and retain volatile wastes. Provide proper vent pipes for volatile basins. |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-803.2   | Provide approved waste pipe and dilution tank for corrosive waste.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-802.1   | Provide proper indirect sanitary waste pipe.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-711.3.2 | Suds pressure zones.   |  |  |  |  |



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| <input type="checkbox"/> |                       |            | 18-29-901    | <b>Vent stacks:</b>                                      |        |         |          |              |
|                          |                       |            | 18-29-903.1  | Vent stacks: extend undiminished in size above the roof. |        |         |          |              |





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| <input type="checkbox"/> |                       |            | 18-29-903.4                  | Vent stacks: connect at or below lowest fixture.                                |        |         |          |              |
| <input type="checkbox"/> |                       |            | [13-168-830]                 | Vent stacks: Provide proper re-vent for the trap of _____.                      |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-903                    | Provide a vent stack or main vent for soil and or wastestack                    |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-710.1<br>18-29-710.1.1 | Provide a vent stack or main vent for a soil and/or waste stack of proper size. |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-712, 18-29-710         | Provide soil-waste and/or vent pipes of proper material, and of proper size.    |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-412.4.3                | Provide floor drain in public washrooms.  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-504.7.1                | Provide floor drain for water heater relief valve.                              |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-702.1                  | No PVC allowed in commercial building.  |        |         |          |              |

**Sanitation Requirements**

|                          |  |  |             |   |  |  |  |  |
|--------------------------|--|--|-------------|---|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-403.1 | Sanitation Requirements: Provide and properly install plumbing fixtures   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-403.1 | Sanitation Requirements: Provide and properly install plumbing fixtures: Provide additional fixtures to meet plumbing code requirements |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-403.2 | Sanitation Requirements: separate water closets for each gender are required when there are more then 5 employees.                      |  |  |  |  |



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| <input type="checkbox"/> |                       |            | 18-29-403.1  | Sanitation requirements: Provide a minimum number of waterclosets  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-403.1  | Provide minimum number of waterclosets: In public buildings provide one accessible watercloset for every 500 occupants |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-403.1  | Sanitation requirements: Provide drinking fountains in retail store  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 4-60-100     | Sanitation requirements: Provide separate washrooms for men and women in establishments that serve liquor.             |        |         |          |              |

**Catch Basins, Traps & Cleanouts**

|                          |  |  |                |  |  |  |  |  |
|--------------------------|--|--|----------------|--|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-1003     | Provide grease interceptor or outside catch basin.   |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1003.4   | Provide grease interceptor or outside catch basin using proper materials and construction. |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1001     | Catch Basin, Traps and Cleanouts: Grease Interceptor                                       |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1003.3.2 | Provide grease trap or catch basin for kitchen sink.                                       |  |  |  |  |

**House Drains and Sewers**

|                          |  |  |             |   |  |  |  |  |
|--------------------------|--|--|-------------|---|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-702   | House drains and sewers: Provide House sewer of proper material |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-710 A | House drains and sewers: Provide storm water drain              |  |  |  |  |



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| <input type="checkbox"/> |                       |            | 18-29-710 B   | pipes of proper size  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-916.5   | House drains and sewers: Provide vent pipe for sump receiving tank.                             |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-916.5.1 | House drains and sewers: Provide vent pipe for sump receiving tank of proper size and material. |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-712.3.2 | Provide sump or receiving of proper material  |        |         |          |              |
| <input type="checkbox"/> |                       |            | 18-29-111.3.4 | Provide check valve on discharge line of sump and or ejector                                    |        |         |          |              |

**Roof Drainage**

|                          |  |  |                |   |  |  |  |  |
|--------------------------|--|--|----------------|---|--|--|--|--|
| <input type="checkbox"/> |  |  | 18-29-1101.2.2 | Provide catch basin for outside paved areas of more than 400 square feet. |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1101.2.1 | All roofs exceeding 750 square feet must be drained to a sewer.           |  |  |  |  |
| <input type="checkbox"/> |  |  | 18-29-1106.2   | Provide downspout of proper size.   |  |  |  |  |

**Comments**

- 1.)
- 2.)
- 3.)

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## HOW TO COMPLETE THE CHECKLIST

| Plan Sheet No. | Code Section | Description | Status | Comment | Critical | Not critical |
|----------------|--------------|-------------|--------|---------|----------|--------------|
|----------------|--------------|-------------|--------|---------|----------|--------------|

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### Comments

- 1.) [Redacted]
- 2.)
- 3.)

#### Top of the checklist

Fill out: Project Name  
 Project Address  
 Reviewing Firm: (Company Name)  
 Initial Review: (Date the review is performed and initials of the reviewer.)

The "1st Review Meeting" and "2nd Review Meeting" will be filled out by hand at each review meeting.  
 "COMPLIES?": "YES" will be circled when all items on the checklist are compliant.

#### Body of the checklist

**Check** only lines where there is an issue of code compliance.  
**Plan Sheet No.** : (List the plan sheet where the code issue needs to be addressed. If several sheets, list all sheets or the range of sheets.)  
**Code Section:** (The Code that the item references.)  
**Status:** Leave blank until the first review meeting. After discussing the non-compliant issue with the Design Team, the progress of the issue will be marked with a "C" for Complies or "NTC" for Needs to comply. Additional notes may be used to create an Outstanding Issues list for the next meeting.  
**Comments:** The comment needs to be detailed and the exact plan sheet must be referenced. If your comment does not fit within cell please reference the end of the checklist with "See comment #1".

The column "**Critical**" or "**Not Critical**" will be left blank.

#### Comments:

Enter comments that can not fit within the cell here.