

ADDRESS: \_\_\_\_\_

PLUMBING ROUGH-IN

DATE: \_\_\_\_\_

**GENERAL:**

- 1.1 \_\_\_ DWV test 312.2/312.3
- 1.2 \_\_\_ water test @ 100psi minimum 312.5
- 1.3 \_\_\_ provide sleeve for DWV/water lines minimum 2 pipe sizes larger & seal 305.5
- 1.4 \_\_\_ provide min. 16ga. Shield plates for piping < 1 1/2" from edge of framing members 305.8
- 1.5 \_\_\_ notching of joists max. 1/4<sup>th</sup> depth of joist / 1/6<sup>th</sup> depth in top or bottom / not in center 1/3<sup>rd</sup> of span 307.2
- 1.6 \_\_\_ bored holes max. 40% of stud width / max. 60% if studs doubled and not > 2 sets of doubled studs 307.2.3
- 1.7 \_\_\_ bored holes shall be min. 5/8" from edge of stud 307.2.4
- 1.8 \_\_\_ provide minimum slope of 1/4" per foot for sizes 2 1/2" and less 704.1
- 1.9 \_\_\_ provide minimum slope of 1/8" per foot for sizes 3" to 6" 704.1
- 1.10 \_\_\_ support PVC pipe max. 4' o.c. (max. 5' o.c. for cast iron [ 10' o.c. w/10' sections]) 308.5
- 1.11 \_\_\_ support base of stack ( cement , block or metal straps ) 308.9
- 1.12 \_\_\_ PURPLE primer shall be used on all PVC joints 705.14.2
- 1.13 \_\_\_ miscellaneous \_\_\_\_\_

**SANITARY DRAINAGE:**

- 2.1 \_\_\_ provide cleanout for every (4)45deg. Changes in direction(90deg. & longsweeps = (2)45deg.) 708.3.3
- 2.2 \_\_\_ provide cleanout at base of stack 708.3.4
- 2.3 \_\_\_ provide min 18" clearance for cleanouts size 6" and smaller 708.8
- 2.4 \_\_\_ extend cleanout to exterior if crawl space is < 24" 708.4
- 2.5 \_\_\_ provide proper drainage fitting between different materials 705.16
- 2.6 \_\_\_ provide proper drainage fittings for changes in direction 706.3
- 2.7 \_\_\_ horizontal branches must connect downstream of stack min. 10x size of stack 704.3
- 2.8 \_\_\_ properly size building drain tbl710.1(1)
- 2.9 \_\_\_ minimum size underground = 2" tbl710.1(1)(d)
- 2.10 \_\_\_ maximum 3 water closets served by a 3" line tbl710.1(1)(c)
- 2.11 \_\_\_ properly size horizontal fixture branches and stacks tbl710.1(2)
- 2.12 \_\_\_ miscellaneous \_\_\_\_\_

**WET VENTING:**

- 3.1 \_\_\_ wet venting permitted for bathroom fixtures only 909.1
- 3.2 \_\_\_ dry vent must be sized based on largest pipe within the wet vent system 909.2
- 3.3 \_\_\_ properly size wet vent(1 1/2" = 1dfu ; 2" = 4dfu ; 2 1/2" = 6dfu ; 3" = 12dfu) 909.3
- 3.4 \_\_\_ miscellaneous \_\_\_\_\_

**VENTING (GENERAL) :**

- 4.1 \_\_\_ all fixtures discharging downstream of water closet must be individually vented 901.2.1
- 4.2 \_\_\_ vents must grade back towards drainage pipe 905.2
- 4.3 \_\_\_ dry vent must connect above center line of horizontal drain 905.3
- 4.4 \_\_\_ dry vent must be vertical to min. 6" above flood level rim of fixture(s) served 905.4
- 4.5 \_\_\_ max. distance from trap to vent ( 1/4" tr & dr=3 1/2' ; 1/4" or 1/2" tr w/1 1/2" dr=5' ; 1/2" tr w/2" dr=8' ; 2"=6' ; 3"=10' ) 906.1
- 4.6 \_\_\_ common vent connections at different levels: max. discharge from upper drain ( 1 1/2"=1 ; 2"=4 ; 2 1/2" & 3" = 6 ) 908.3
- 4.7 \_\_\_ vent size must be minimum 1/2 diameter of drain served & not < 1/4" 916.2
- 4.8 \_\_\_ vents > 40' in length shall be increased by 1 pipe size for entire length 916.2
- 4.9 \_\_\_ properly size vent(s) tbl916.1
- 4.10 \_\_\_ terminate vent minimum 6" above roof 904.1
- 4.11 \_\_\_ vent cannot terminate below vented soffit 904.6
- 4.12 \_\_\_ vent cannot terminate 10' of building openings unless 2' above 904.5
- 4.13 \_\_\_ miscellaneous \_\_\_\_\_

**WASTE STACKS:**

- 5.1 \_\_\_ water closets and urinals prohibited from discharging into stack 910.2
- 5.2 \_\_\_ waste stack must be vertical with no offsets 910.2
- 5.3 \_\_\_ waste stack vent must be same size as waste stack 910.3
- 5.4 \_\_\_ properly size waste stack ( 1 1/2" = 2dfu w/1dfu per branch ; 2" = 4dfu w/2dfu per branch ; 2 1/2"=8dfu ; 3"=24dfu ) 910.4
- 5.5 \_\_\_ miscellaneous \_\_\_\_\_

**FIXTURES / MISCELLANEOUS:**

- 6.1 \_\_\_ provide proper clearances for water closet (min. 15" ea. Side ; 21" front) 405.3.1
- 6.2 \_\_\_ provide minimum 21" clearance in front of lavatory 405.3.1
- 6.3 \_\_\_ washer standpipe must be min. 34" AFF / min. 18" & max. 48" in height 802.4
- 6.4 \_\_\_ kitchen sink W/ waste grinder or dishwasher requires min. 1 1/2" trap & arm w/ min. 2" vertical drain tbl709.1(g)
- 6.5 \_\_\_ provide minimum 1 1/2" trap for bathtub/whirlpool tbl709.1
- 6.6 \_\_\_ provide minimum 2" trap for shower tbl709.1
- 6.7 \_\_\_ support plastic water lines max. 32" o.c. horizontally & max. 4' o.c. vertically 308.5
- 6.8 \_\_\_ support copper tubing max. 6' o.c. horizontally & max. 10' vertically 308.5
- 6.9 \_\_\_ trap fixture within 24" of drain outlet 1002.1
- 6.10 \_\_\_ provide minimum 1 1/4" trap for lavatory tbl709.1
- 6.11 \_\_\_ provide minimum 1 1/2" trap for sink tbl709.1
- 6.12 \_\_\_ provide minimum 1 1/2" trap for laundry tray tbl709.1
- 6.13 \_\_\_ laundry tray must be maximum 30" horizontally from standpipe trap when connected to washer drain 802.4
- 6.14 \_\_\_ provide proper access to whirlpool pump ( side or front w/ min. 12" x 12" & 21" clearance ) 421.2
- 6.15 \_\_\_ miscellaneous \_\_\_\_\_

See comments on reverse side

APPROVED \_\_\_\_\_

DISAPPROVED \_\_\_\_\_

DATE \_\_\_\_\_