

Date _____ Address _____
 Permit # _____ Inspector _____

A. FOUNDATION INSPECTION

Y	N	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Job site ready for inspection	R109.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Approved plans and job card on site	R106.3.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Building location per plan	R302.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) Are special inspection reports req'd	R106.3.5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) Clearances from ascending slopes maintained	R403.1.7.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) Drainage away from footings	R401.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	f) Pipe penetrations must be sleeved	R2603.5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	g) Continuous interior footing required (seismic zone D1 & D2)	R403.1.2
			2. Site preparation:	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Debris and vegetation removed	ACI 318.5.7 - R408.4 - R506.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Loose dirt removed from trenches	R506.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) Stepped and level foundation if slope over 1 in 10	R403.1.5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) Forms tight and braced	ACI 318.6.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) Foundations supporting wood 8" above finish grade	R404.1.6
			3. Foundation; footing and stemwall sizes:	Chapter 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Footing sizes per plan. Structure sizes per plan	R403.1.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Foundation - wood frame const. per min code	R407.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) If crawl space, check pier location	Per plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) Check for girder pockets	R323.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) Crawl space (18" x 24" min, 22" x 30" f/undflr equip)	M1305.1.4 - R408.3
			4. Rebar	ACI 318.7.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) size	TBL 403.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) standard hooks	R403.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) minimum bend diameters	R403.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) surface condition of reinforcement	R403.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) adequate support to prevent displacement	R403.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	f) adequate protection (clearances from ground)	R403.1.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	g) Zone D1 & D2 req horiz bar top & bottom of wall and footing	R403.1.3 1 & 2
			5. Slab	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Mono slab on grade (3½" min)	403.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Reinforcement of mono slab	Per plan

COMMENTS;

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A. GROUND WORK PLUMBING

1. DWV UNDERGROUND

Y	N	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Water test w/10 foot head or air test 5# / 15 min _____	712 & 103.5.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Approved materials _____	301.1.1 & 701.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) Use of correct fittings _____	701
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) DWV slope (1/4" p/ft min, 1" p/ft 4" & larger) _____	718.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) Required cleanouts each branch @ 50' max _____	707.1 thru 707.14 TBL 7-6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	f) Venting system & proper drain pipe sizing _____	TBL 7-8 & 904.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	g) Proper rough-in for water heaters _____	508
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	h) Support (bedding & anchoring risers) _____	718.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	i) Check for approved joints & connections _____	316 & 606.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	j) Check relation of plumbing to framing (sinks & windows) _____	IRC FIG 602.6(1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	k) No more than 3 W.C.'s on a 3" drain _____	TBL 7-5 FN #4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	l) Max 3/4" minus for trench fill _____	718.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	m) Hangers and Supports _____	314.0 & TBL 3-2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n) Protect pipes with sleeves thru concrete _____	313.10

B. 2. WATER SUPPLY

Y	N	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	a) Proper pipe sizing per fixture units _____	TBL 6-4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	b) Minimum size watermain _____	TBL 6-5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	c) Watermain sleeve through concrete _____	313.10.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	d) Watermain tracer wire _____	P/U Req
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	e) Water pressure test at available pressure (≥80 lbs = regulator) _____	609
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	f) Check water piping for listed materials _____	604
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	g) Use of correct fittings _____	606
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	h) Under concrete; No type M...OK; Wrought CU unions, brazed jnts, type L CU _____	604.2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	i) Backflow prevention device for lawn sprinklers _____	603.4.6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	j) Testing, Unions & Location _____	609

COMMENTS;

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Yes No N/A

- 1. Check exterior of structure for;** _____
- a) Anchor bolt - size, spacing _____ R403.1.6
 - b) Girders - size, spacing, post beam connection _____ R403.1.6
 - c) Studs - size, spacing, height, and lumber grade _____ R602.3.1
 - d) Wall bracing / shear panels (size, nailing, hold-downs or straps) _____ R602.10.3
 - e) Roof, wall & floor sheathing nailing _____ TBL602.3(1) - R602.3.1
 - f) Door and window headers and beams (size, span, lumber grade) _____ R602.7
 - g) Metal connectors (post to beam, post to header, around corners) _____ Per listing
 - h) Window sizes – light, ventilation & egress _____ R310.1
 - i) Flashing around doors and windows _____ R703.8
 - j) Lateral Wall and Diaphragm Bracing _____ R602.6
- 2. Check interior structure for;** _____
- a) Shear walls (size, thickness, nailing, lumber grade, HD's)
 (check for proper blocking of shear walls) _____ R602.10.7
 - b) Post to beam connections _____ Per plan
 - c) Header and Beam _____ R703.8
 - d) Joist hangars and framing anchors _____ Per listing
 - e) Anchor bolts - size, spacing _____ R602.6
 - f) Wall Studs – size, spacing, grade, height _____ R602.3.1
 - 1) Cutting and notching _____ R502.8
 - 2) Bored holes _____ R502.8
 - g) Plate straps (req'd @ <48" max plate splice) _____ R602.3.2
 - h) Cripples (length, size, blocks or plywood) _____ R602.9
 - i) Cripple wall bracing _____ R602.10.2
 - j) Stairway (rise, run, width, and headroom) _____ R311.5.8.1
 - k) Fire blocking - stair stringers, dropped ceilings & soffits _____ R602.8
 - l) Fire caulking complete _____ R602.8
 - m) Floor & Ceiling Joists (size, species, direction, grade, blocking) _____ R502.12
 - 1) Cutting and notching, _____ R602.6
 - 2) Bored holes _____ R602.6
 - n) Firewall framing (complete separation of occupancies) _____ R310.2.1
 - o) Double joist under parallel bearing partitions _____ R502.4
 - p) Attic access (min 22" x 30" - 30" headroom) _____ R807.1
 - q) Floor joist (span, size, spacing, grade) _____ R502.3
 - r) Floor sheathing (type, size, nailing) _____ R503
 - s) Roof rafters (span, size, spacing, grade, purlins) _____ TBL 802.5
 - t) Roof sheathing (type, grade, thickness, nailing) _____ CHAPTER - 8
 - u) Ceiling joist spans (grade, nailing) _____ TBL 802.4
 - v) Truss Requirements (layout, nailing, bracing per mfg) _____ R802.10
 - w) Check eave and overhang encroachment _____ R302.1
 - x) Attic ventilation _____ R806.1

COMMENTS;

C. ROUGH-IN PLUMBING

1. Check drainage, waste, and vent system: _____ CHAP 7, 8, 9 &10

Y N N/A

- a) Approved materials _____ 701
- b) Air or water test _____ 712 & 103.5.1
- c) DWV proper fittings _____ 705 & 706
- d) Check required drain sizes per fixture units _____ TBL 7-3
- e) Check required vent sizes _____ 904
- f) Check for proper fall (1/4" per foot) _____ 701.2.3
- g) Cleanouts _____ 707
- h) Check for use of correct fittings _____ 704
- i) Check for approved joints and connections _____ 705
- j) Check for firewall penetrations (metal only) _____ 701.1.2
- k) Ensure cleanouts are in place _____ 707
- l) Check for proper anchorage and support _____ 718
- m) Check for tub trap access _____ 1007

2. Check water pipe system: _____ 704

- a) Use of approved materials _____ 603.1
- b) Proper sizing of entire system _____ TBL 6-4
- c) Use of correct fittings, valves, etc. _____ 316
- d) Protection of piping _____ 313
- e) Proper anchoring and strapping _____ 314

3. Check gas piping system: _____ 704

- a) Use of approved materials _____ 301.1.1
- b) Proper sizing of entire system _____ 1217
- c) Proper fittings (no unions) _____ TBL 12-7 thru 12-23
- d) Proper location of shut-off valves _____ 1209.10
- e) Proper anchoring, support, and strapping _____ 1209.6.3

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Yes No N/A

1. Check structure for; _____

- | | | | | |
|--------------------------|--------------------------|--------------------------|--|-------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a) Building classification _____ | IBC & IRC Chap 3 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1) Townhouse _____ | R317.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2) R-1 _____ | R310.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3) R-2 _____ | R310.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4) R-4 _____ | R310.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5) Commercial Building _____ | IBC Chap 3 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6) Other (Specify) _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7) Area Separation _____ | TBL 302.1.1 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b) Distance to property line for req'd firewalls _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1) Proper drywall type _____ | TBL R 702.3.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2) Proper drywall size _____ | TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c) Multiple layers for firewalls: _____ | TBL 601 & TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1) First layer _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a) Fasteners _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b) Fire tape _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2) Second layer _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a) Fasteners _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b) Fire tape _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3) Third layer _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a) Fasteners _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b) Fire tape _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4) Forth layer _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a) Fasteners _____ | Per Plan |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b) Fire tape _____ | Per Plan |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | d) Proper fasteners for type of wall _____ | TBL R 702.3.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1) type _____ | TBL R 702.3.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2) size _____ | TBL R 702.3.5 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3) spacing _____ | TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | e) Each layer fire taped _____ | TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | f) Staggered seams if multiple layers _____ | TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | g) Identify special fastening for shearwalls _____ | TBL R 702.3.5 |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | h) Orientation of gypsum board to framing _____ | TBL R 702.3.5 |

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C. FINAL

Y N N/A

1. Ensure connection to an approved sewage system _____ CHPT 7

2. Check all plumbing fixtures for: _____

- a) Connection to water supply (backflow req'd in commercial) _____ 704
- b) Properly installed traps and vents _____ TBL 7-3
- c) Check water pressure _____ 608
- d) Balance water temp tub/shower _____ 420.0
- e) Clean-out @ kitchen sink _____ 707
- f) Air gap @ dishwasher _____ 807.4
- g) Caulk all plumbing fixtures @ floor and wall _____ 408.2

3. Check water heaters for: _____

- a) Working clearance in front _____ 505.3
- b) Earthquake straps _____ 508.2
- c) Pilot 18" above floor in garage _____ 508.14
- d) Overflow pan to drain to exterior _____ UMC
- e) Check vacuum relief _____ 608.7
- f) Connection to water supply _____ 604.11.2
- g) Required pan and drain to exterior _____ 508.4
- h) Pressure relief valve on water heater _____ 608.5
 - 1) (down pipe, 6" to 24" above ground, no threads at base) _____ 608.5

4. Water Closet _____ 409

- a) Check water closet stall dimensions _____ ICC/ANSI A117.1-1998
- b) Width (30" min residential) _____ 408.6
- c) Dimensions for commercial (handicap) _____ 408.7
- d) Proper installation - caulk @ floor & wall attachment _____ 408.2

5. Check cleanouts _____ 707

- a) Location _____ 707.4
- b) Size _____ TBL 7-6

6. Check traps (size & location) _____ 702

7. Check showers for: _____ CHPT 12

- a) non-absorbent surface _____ 412.5
- b) shower head height (70" above drain) _____ 412.7

8. Remove test caps from roof vents

COMMENTS;

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Yes No N/A

- 1. All req'd reports and special inspections on file _____ R109.2
- 2. Floor finishes affecting stairs and landings _____ R109.1.6
- 3. Appliances and fixtures in place _____ R109.1.6
- 4. All required exterior caulking _____ R260.1.1
- 5. Wood siding and trim min 8" from grade _____ R323.1
- 6. Smoke detectors installed and operational _____ R317.1
 - a) Hard wired w/ battery backup _____ R317.2
 - b) In each bedroom and adjoining hall _____ R317.1
 - c) One req'd on each floor _____ R317.1
 - d) All interconnected wiring required _____ R317.1
 - e) Battery operated ok if existing finishes not removed _____ R317.1.1
 - f) Upgrade req'd in existing @ remodel > \$1000. _____ R317.1.1X
- 1. Check stairways for _____ R311
 - a) tread rise, run, and deviation _____ R314.2
 - b) landings - required length _____ R312
 - c) overhead clearance _____ R311.5.8.1
 - d) handrails (height, space behind, grip, return) _____ R315.1
- 2. Check for guardrails on balconies, porches, etc. _____ IBC 1003.2.12 - R316
 - a) height _____ R315.1
 - b) space between members (4" clear) _____ R312.2
 - c) lateral strength (200 lbs) _____ R301.5
- 3. Check doors for:
 - a) landings _____ R312.1 IBC 1003.3.3.4
 - b) threshold _____ IBC1003.3.1.6
 - c) fire rating _____ IBC1005.3.5.2 & 714.2.3
 - d) smoke gasket _____ IBC1005.3.5.2 & 714.2.3
 - e) proper hardware _____ IBC1003.3.1.9
 - f) required closers _____ IBC1005.3.5.2
 - g) direction of travel for door swing _____ IBC1003.3.1.2
 - h) handicapped access _____ IBC CHAP 11
- 4. Check windows for:
 - a) sill height, in bedrooms _____ R310.1
 - b) openable dimensions for egress _____ R310.1
 - c) window wells (below grade) _____ IBC 1009.5
- 5. Check firewalls for:
 - a) openings, gaps, cracks, all sealed w/ aprvd fire caulk _____ IBC Chapter 7 & 9
 - b) duct penetration (min 26 ga. steel) _____ IBC 711.3
 - c) required dampers _____ IBC 712
 - d) plastic piping (not permitted) _____ IRC R317.2
 - e) approved electrical boxes _____ IRC R317.3
- 6. Check for required retaining walls and back fill _____ IBC 1803.2
- 7. Check finish grading _____ IBC 1803.3
- 8. Handicap signage _____ ANSI 117.1

COMMENTS;
