

# BOROUGH OF FRANKLIN PARK

## RESIDENTIAL

### ROUGH ELECTRICAL INSPECTION CHECK LIST

Property Address: \_\_\_\_\_

Contractor: \_\_\_\_\_ Phone #: \_\_\_\_\_

Inspection Agency: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

Electrical Inspectors Signature: \_\_\_\_\_

Certification No.: \_\_\_\_\_

Inspection Date: \_\_\_\_\_

Re-Inspection Dates: \_\_\_\_\_

Inspector's notes and details: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Note: All items shown on check list must be checked showing satisfactory conditions or marked N/A showing not applicable. Details of failed inspections and re-inspections must be provided. These forms must be complete and submitted to the borough prior to borough inspection acceptance. All documents must be original.**

\_\_\_\_\_  
Franklin Park Borough BCO Acceptance Signature

\_\_\_\_\_  
Date

## RESIDENTIAL ROUGH INSPECTIONS CHECKLISTS

General Requirements (All Areas)				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check wiring methods (usually cable assemblies) for support and suitability for the conditions. Check signaling and communications circuit wiring methods.	Chapter 3, Chapter 7, and Chapter 8	
	2.	Check cable installation through or parallel to framing members for 1 1/4-in. (31.8 mm) clearance or protective steel plates.	300-4	
	3.	Check boxes for suitability of use.	370-27	
	4.	Verify that boxes are installed in accessible locations for all junctions and outlets and pull points.	300-15, 370-29	
	5.	Check that cables are secured to boxes.	370-17(b) and (c)	
	6.	Check boxes for conductor fill.	370-16	
	7.	Check positioning of boxes intended to be flush with combustible and noncombustible finished surfaces.	370-20	
	8.	Check for splicing devices on all equipment grounding conductors within boxes and bonding connections to metal boxes.	250-8, 250-86, 250-148	
	9.	Check equipment grounding conductors for suitability and size.	250-118, 250-122	
	10.	Check boxes used in floors, or for support of ceiling fans, for listing.	370-27(b)	
	11.	Check recessed fixtures for clearances from combustibles and insulation.	410-66	

### Residential Rough Inspections Checklists (continued)

Kitchen				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check spacing of receptacles for walls and countertops, including islands and peninsulas.	210-52(a) and (c)	
	2.	Verify that a minimum of two 20-A small-appliance branch circuits are used for kitchen receptacles.	210-52(b)	
	3.	Verify that a wall switched lighting outlet is provided and wired on a general lighting circuit.	210-70(a), 210-52(b)(2)	
	4.	Verify that properly sized circuits have been provided for specific kitchen appliances, such as dishwashers, disposers, ranges, cooktops, trash compactors, and the like.	210-23, 422-10	
	5.	Check for additional small-appliance branch circuits where there is more than one kitchen.	210-52(b)(3)	
	6.	Check for other outlets or appliances on small-appliance branch circuits.	210-52(b)(2)	

### Dining Room

✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check receptacle outlets for proper spacing.	210-52(a)	
	2.	Verify that all required receptacle outlets are supplied by small-appliance branch circuits.	210-52(b)	
	3.	Check for wall switch-controlled lighting outlet on a general lighting circuit.	210-70(a), 210-52(b)(2)	

### Bathrooms

✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Verify that receptacle outlets are installed adjacent to and within 36 in. (914 mm) of each basin.	210-52(d)	
	2.	Verify that receptacles are supplied by dedicated 20-A branch circuits.	210-11(c)(3)	
	3.	Check for a wall switch-controlled lighting outlet on a general lighting circuit.	210-70	

### Other Habitable Rooms (Bedrooms, Family Rooms, Parlors, and Dens)

✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check receptacle outlets for proper spacing.	210-52(a)	
	2.	Check for wall switch-controlled lighting outlets (including switched receptacles).	210-70	

### Hallways

✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check for at least one wall switch-controlled (or automatic-, remote-, or centrally controlled) lighting outlet.	210-70(a)(2)	
	2.	Verify that hallways continuous for 10 ft (3.05 m) or more have at least one receptacle outlet.	210-52(h)	

<b>Stairways</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check for at least one wall switch-controlled (or automatic-, remote-, or centrally controlled) lighting outlet.	210-70(a)(2)	
	2.	Verify that wall switches are provided at each floor level where there are six or more steps between levels.	210-70(a)(2)	

<b>Closets</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check clearances between lighting fixtures and storage spaces if fixtures are installed.	410-8	

<b>Laundry Area</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Verify that at least one receptacle outlet is installed for the laundry.	210-52(f)	
	2.	Verify that a dedicated 20-ampere circuit supplies the laundry outlet(s) and no other outlets.	210-11(c)(3)	
	3.	Check for a laundry receptacle outlet within 6 ft (1.83 m) of the intended appliance location.	210-50(c)	
	4.	Check for proper branch-circuit conductors, including equipment grounding conductors, for 240-V dryers (if used).	422-10, 250-134, 250-138	
	5.	Verify that lighting outlets for the area are supplied from general lighting circuits.	210-11(c)(3)	

<b>Basements and Attics</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Verify that at least one receptacle outlet is provided in unfinished basement areas in addition to any receptacles installed for laundry equipment.	210-52(g)	
	2.	Verify that a receptacle outlet is provided for servicing mechanical equipment, if any.	210-63	
	3.	Verify that individual branch circuits are supplied for central heating equipment, if any.	422-12	
	4.	Verify that a wall switch-controlled lighting outlet or a lighting outlet containing a switch is provided at the entrance to equipment requiring servicing.	210-70(a)(3)	
	5.	Check accessible attics, attic entrances, and scuttle holes for clearances from or protection of cable assemblies.	336-6(d), 333-12	

<b>Garages (Attached or with Electric Power)</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Verify that at least one receptacle outlet is provided.	210-52(g)	
	2.	Verify that a wall switch-controlled lighting outlet is provided.	210-70(a)(2)	

<b>Outdoors</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Check for at least two receptacle outlets, one each at the front and back of a dwelling.	210-52(e)	
	2.	Check for wall switch-controlled (or remote-, central-, or automatic-controlled) exterior lighting outlets at outdoor entrances or exits with grade-level access.	210-70(a)(2)	

## RESIDENTIAL SERVICE, FEEDER, AND GROUNDING INSPECTIONS CHECKLISTS

<b>Services and Feeders and System Grounding</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Review calculation of service load and determine minimum size of service conductors.	Article 220, 230-42	
	2.	Verify that service disconnects and overcurrent devices are located outside or inside nearest the point of entrance of the service conductors.	230-70, 230-91	
	3.	Verify that service disconnects are grouped together, with no more than six in any one location.	230-71, 230-72, 384-16(b), Exc.	
	4.	Check for proper accessibility, working clearances, and dedicated spaces around service equipment.	110-26, 230-91, 240-24	
	5.	Check service-entrance wiring methods for suitability, support, and protection from damage.	230-43, 230-50, 230-51	
	6.	Check for a proper drip loop and weatherhead on overhead services.	230-54	
	7.	Verify that the point of attachment is adequate and will provide required support and clearances above roofs and grade.	230-24, 230-26	
	8.	Check service masts for adequate strength and support.	230-28	
	9.	Check for proper clearances of service conductors from building openings.	230-9	
	10.	Check underground service conductors for proper depth, fill, protection, marking, and allowances for ground movement.	300-5	
	11.	Determine which grounding electrodes are available, and verify that they are bonded together to form a grounding electrode system.	250-50	

## Residential Service, Feeder, and Grounding Inspections Checklists (continued)

<b>Services and Feeders and System Grounding (cont'd)</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	12.	Check any made electrodes for proper size, type, and installation.	250-52, 250-56	
	13.	Verify that grounding electrode conductors are unspliced and protected and that any metal enclosures are bonded and electrically continuous.	250-64	
	14.	Check grounding electrode conductor(s) for proper sizing.	250-66	
	15.	Check grounding electrode connections for proper type, for protection, and for accessibility.	250-8, 250-10, 250-68	
	16.	Verify that the main bonding jumper is installed and of the proper size and type.	250-28	
	17.	Verify that interior metal piping systems are bonded, that bonding jumpers are properly sized, and that continuity around removable devices is assured.	250-50(a)(1), 250-68	
	18.	Verify that service raceways and enclosures are properly bonded.	250-80, 250-92, 250-94	

<b>Feeders and Panelboards</b>				
✓	Item	Inspection Activity	NEC Reference	Comments
	1.	Review calculation of feeder loads, and verify that conductors are properly sized and rated.	220, 310-15	
	2.	Verify that panelboards have proper ratings and protection.	220, 384-14, 384-16	
	3.	Check for proper accessibility, working clearances, and dedicated spaces around panelboards.	110-26, 240-24	
	4.	Verify that at least the minimum number of overcurrent devices and circuits is provided.	210-11	
	5.	Check lighting and appliance panelboards for excessive circuits and circuit provisions.	384-14, 384-15	
	6.	Verify that grounded feeder conductors are insulated and isolated from equipment grounding conductors and grounded enclosures.	250-24(a)(5), 310-2	
	7.	Verify that panelboards are grounded by an appropriate and properly sized equipment grounding conductor (or conductors).	384-20, 215-6, 250-118, 250-122	