

**TR1 Special Inspection Checklist**

Tick the categories listed on your permit's TR1 (Technical Report: Statement of Responsibility). Each ticked item must be witnessed by a registered special inspection agency while the work is still visible, and certified on the final TR1 before sign-off or Certificate of Occupancy. Code sections: NYC BC Chapter 17 (2022).

SOILS, EXCAVATION & FOUNDATIONS

☐ Subgrade inspection	1705.6	before footings
☐ Fill placement & in-place density	1705.6	every lift
☐ Subsurface investigations (TR4)	1705.6	before drilling
☐ Deep foundation elements (TR5)	1705.7	continuous
☐ Helical piles (TR5H)	1705.9	continuous
☐ Excavations – sheeting, shoring, bracing	1705.25.3	before excavation
☐ Underpinning	1705.25.4	every pit
☐ Operations influencing adjacent structures	1705.25.2	before excavation
☐ Structural stability – alterations	1705.25.1	before removal
☐ Demolition	1705.25.5.1	before start
☐ Tenant protection plan compliance	1705.26	before & during

CONCRETE

☐ Concrete – cast-in-place	1705.3	every pour, rebar done
☐ Concrete – precast / prestressed	1705.3	per schedule
☐ Concrete design mix (TR3)	1905.3	before first pour
☐ Concrete sampling & testing (TR2)	1905.6	every pour
☐ Post-installed anchors	1705.37	each installation

MASONRY

☐ Masonry	1705.4	each wall, grouting
☐ Vertical masonry foundation elements	1705.19	before grouting
☐ Post-installed anchors in masonry	BB 2016-005	each installation

STRUCTURAL STEEL & METALS

☐ Structural steel – welding	1705.2.1	every welding day
☐ Structural steel – high strength bolting	1705.2.3	each connection group
☐ Structural steel – details	1705.2.2	before deck / fireproofing
☐ Structural cold-formed steel	1705.2.6	before sheathing
☐ Open-web steel joists & joist girders	1705.2.7	before deck
☐ Aluminum construction	1705.33	per schedule

WOOD

☐ High-load diaphragms	1705.5.1	before finishes
☐ Metal-plate-connected trusses	1705.5.2	before sheathing
☐ Prefabricated I-joists	1705.5.3	before subfloor
☐ CLT / SCL construction, Type IV	1705.5.6	per schedule

ENVELOPE & FIRE PROTECTION

☐ EIFS	1704.13	each stage
☐ Wall panels, curtain walls & veneers	1705.20	before closing
☐ Sprayed fire-resistant materials	1705.14	before cover
☐ Mastic & intumescent coatings	1705.15	after application
☐ Fire-resistant penetrations & joints	1705.17	before cover
☐ Combustible exterior wall coverings	1705.16	per schedule

MECHANICAL, PLUMBING & LIFE SAFETY

☐ Mechanical systems	1705.21	before closing
☐ Heating systems	1705.31	before closing
☐ Sprinkler systems	1705.29	test day
☐ Standpipe systems	1705.30	test day
☐ Fuel-oil storage & piping	1705.22	test day
☐ Emergency & standby power (generator)	1705.36	test day
☐ Smoke control systems testing	1705.18	test day
☐ Luminous exit path markings (TR7)	1705.35	before sign-off
☐ Flood zone compliance	1705.34	before sign-off

PROGRESS INSPECTIONS (SAME TR1, USUALLY THE DESIGN PROFESSIONAL)

☐ Preliminary	110.2	before start
☐ Footing and foundation	110.3.1	before backfill
☐ Lowest floor elevation	110.3.2	after slab
☐ Structural wood frame	110.3.3	before cover
☐ Fire-resistance rated construction	110.3.4	before cover
☐ Energy code compliance (TR8)	110.3.5	per TR8
☐ Final	110.5	before sign-off

Send your agency before day one

- TR1 as filed — the agency signs for its categories *before* that work starts
- Approved drawings & specs (structural set, foundation plan, soil report)
- Construction schedule for foundations and first pours
- Concrete mix designs (TR3) and ready-mix supplier
- Welder certifications and WPS for field welding
- Site contact who calls inspections; how you want reports (email, Procore)

Notice, as a working rule

- 1 business day: scheduled pours, steel inspections
- Same day: sampling at the truck, inspector already on site
- 1 week: anything that needs the laboratory ready (pile load tests, prisms, large sampling programmes)

At closeout, the DOB needs

- Final TR1, every category certified by the agency that accepted it
- TR2 (sampling & testing) and TR3 (mix designs) for concrete
- TR4 / TR5 / TR5H where they apply; TR8 if the job has it
- Laboratory reports on request — the lab must be DOB-licensed