

CONSTRUCTION SPECIFICATIONS

Project Name:	Wilson Residence Addition
Project Address:	789 Maple Drive, Springfield, IL 62704
Architect:	Johnson Architecture & Design
General Contractor:	Superior Construction LLC
Project Manager:	David Martinez
Specification Date:	2024-05-15

SECTION 1: FOUNDATION

Component	Specification	Standard/Code
Excavation	Machine excavation to 8' depth	ASTM D2488
Footings	24" x 12" reinforced concrete	ACI 318
Foundation Walls	8" concrete block, Type N mortar	ASTM C90
Waterproofing	Membrane waterproofing system	ASTM D6164
Drainage	4" perforated drain tile	ASTM D3034

SECTION 2: FRAMING

Component	Specification	Standard/Code
Floor Joists	2x10 SPF @ 16" O.C.	IRC 502
Wall Studs	2x6 SPF @ 16" O.C.	IRC 602
Roof Rafters	2x8 SPF @ 16" O.C.	IRC 802
Sheathing	7/16" OSB, APA rated	APA PRP-108
Hardware	Simpson Strong-Tie connectors	ICC-ES reports

SECTION 3: FIRE SAFETY SYSTEMS

System	Specification	Standard/Code
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Fire Alarm	Addressable system, 24V DC	NFPA 72
Sprinkler System	Wet pipe system, standard response	NFPA 13
Fire Extinguishers	2A:10B:C rated, wall mounted	NFPA 10
Emergency Exits	Illuminated exit signs, LED	NFPA 101
Fire Doors	90-minute rated, self-closing	NFPA 80

QUALITY CONTROL

All materials and workmanship shall conform to applicable building codes and standards. Regular inspections will be conducted at key milestones: • Foundation inspection before concrete pour • Framing inspection before insulation • Electrical rough-in inspection • Plumbing rough-in inspection • Fire safety systems testing and inspection • Final building inspection All work must be performed by licensed contractors and inspected by certified inspectors.

This is a sample document for testing purposes only. All information is fictional.