



Permit Number: _____ Job Address: _____

	Type of Inspection	Date	Insp. Initials		Type of Inspection	Date	Insp. Initials
Foundation	Caisson/Footing			Plumbing	Underground		
	Rebar/Fnd Wall Steel				Rough		
	Foundation Drain				Above Ceiling		
	Dampproofing of FND				Gas Piping		
	Foundation Insulation				Gas Meter Release		

	Type of Inspection	Date	Insp. Initials		Type of Inspection	Date	Insp. Initials
Structural	Structural Bsm Flr			HVAC	Underground		
	Structural Sheathing				Rough		
	House Wrap/Flashing				Above Ceiling		
	Roofing						
	Fire Rated Wall						
	Rough Frame						
	Insulation						
	Drywall						
	Radon						

	Type of Inspection	Date	Insp. Initials		Type of Inspection	Date	Insp. Initials	
Electrical	Construction Meter			Final Inspections	Structural			
	Underground				Electrical			
	Grounding/CEG				Plumbing			
	Closed Loop				HVAC			
	Rough				TCO Only	Structural		
	Above Ceiling					Electrical		
	Elec. Service Change					Plumbing		
				HVAC				

	Type of Inspection	Date	Insp. Initials		Type of Inspection	Date	Insp. Initials
Engineering	CO-Public Improvements			Other	Planning		
					Fire District		

Additional Inspections		
Date	Inspector	Comments

REQUIRED INSPECTIONS Not all inspections will pertain to your specific project and will not require an inspection. If the permit holder is unsure which inspections are required, call the Building Inspection Division at 720-898-7620, before concealing any work. There shall be no work on any part of a building or structure beyond the point indicated in each successive inspection without specific Building Division approval.

1. **CONSTRUCTION METER** - Is inspected after a construction meter is installed. When approved by the inspector, XCEL Energy will be notified by the City inspector that power can be connected upon builder's request to XCEL Energy 1-800-628-2121.
2. **FOOTINGS** - This inspection should be requested after excavations are complete, all forms are in place, any required reinforcing steel is in place and footings are ready for concrete, but before concrete placement. **PIERS**: after all holes are excavated and reinforcement is in place but before concrete placement. Third party inspections are allowed, the report must be submitted before TCO/CO request.
3. **FOUNDATION WALLS** - This inspection should be requested after all forms, required void, and required reinforcing steel are in place and ready for concrete, but before concrete placement. **MASONRY WALLS** - must be inspected during construction when reinforcement is in place and before placement of grout in cells. **NOTE**: Clean-outs are required. R703.8.6 Weepholes. Weepholes shall be provided in the outside wythe of masonry walls at a maximum spacing of 33 inches (838 mm) on center. Weepholes shall be not less than 3/16 inch (5 mm) in diameter. Weepholes shall be located immediately above the flashing. Third party inspections of foundation and masonry walls are allowed, report must be submitted before TCO/CO request.
4. **FOUNDATION DRAINS/DAMP-PROOFING** - If a drain system is required; after the drain pipe is in place, prior to backfill and visible for its entire length. Damp-proofing also to be applied at this time. If foundation is inspected by engineer, then they should inspect the drain and damp-proofing. Third party inspections are allowed, the report must be submitted before TCO/CO request.
5. **CAISSONS** - This inspection is to be done by the Colorado registered engineer who designed the foundation or a Colorado registered engineer may be engaged for observation purposes and the original written report of his/her findings, stamped and signed, must be submitted to the Building Division for approval. The engineer's report must include; an open excavation observation, caisson steel and wall steel inspections and foundation drain and damp-proofing inspection.
6. **STRUCTURAL FLOORS** - Provide engineer approval. Inspection report must be submitted to the Arvada Building Inspection Division before rough frame inspection.
7. **UNDERGROUND PLUMBING** - This inspection to be made after under-slab plumbing is in place, visible for its entire length and under test during inspection as per adopted codes
8. **SHEATHING INSPECTION** - This inspection to be made before the vapor barrier/house wrap is installed. The purpose of this inspection is to insure that the exterior lateral bracing requirements of the code are satisfied.
9. **FIRE RATED WALL** - This inspection is required for all fire rated walls and assemblies typically found between dwelling units in multi-unit residential buildings and in many applications within commercial buildings (between tenant spaces, at shafts, elevator enclosures, corridor walls, rated columns and at other locations as required by the International Building Code and as noted on the approved plans). For multi-layer rated walls and columns, each layer must be inspected and approved before installing subsequent layers.
10. **ROUGH INSPECTIONS** - **Rough Plumbing** - This inspection to be made after all water supply, drain/waste/vent, and fuel piping is installed, but before any fixtures or appliances. System piping must be under test during inspection. **Rough Mechanical** - This inspection to be made after all piping and equipment, air distribution ducts, hydronic circulation lines, exhaust ducts, appliance vents, prefabricated fireplaces and chimneys are installed. **Rough Electrical** - This inspection to be made after all electric wiring, raceways and boxes have been installed and all wiring in boxes (but without switches or receptacles installed), main distribution panel and sub-panels is complete, but before connection to utility service. House and roof to be dried in at this time. **Rough Framing** - This inspection to be made after all framing, bracing, sheathing, fire blocking and the roof is completed; and the rough plumbing, mechanical and electrical inspections have been approved and signed off on the inspection record card. Exception, Residential interior, Basement Finish, and similar permits, may schedule all rough inspections on one day and all final inspections on one day. **Note**: Before a rough frame inspection will be scheduled for new residential construction, the Arvada Foundation Inspection Form must be completed by a structural engineer.
11. **INSULATION INSPECTION** - This inspection to be requested after all insulation is in place. Blown in attic insulation need not be in place. A certificate verifying installation will be required when a C.O. or T.C.O. is requested.
12. **DRYWALL** - This inspection is to be requested after all wallboard is installed and properly fastened. Exception: Any assembly not required to be of fire resistive construction.
13. **ABOVE CEILING STRUCTURAL, ELECTRICAL, HVAC OR PLUMBING** - This inspection is required where suspended grid type ceilings are to be installed, and should be requested after all work above the grid ceiling is completed, all light fixtures are set, all grills, registers, and connecting ductwork are completed, but before any tile has been installed. This inspection is in addition to any other rough inspection already required above.
14. **FINAL or CO/TCO INSPECTIONS**: Inspection request must be submitted 3 days before intent to obtain a Certificate of Occupancy. Required for all new buildings. **Plumbing** - After the installation of all fixtures and appliances. **Mechanical** - After the installation of all appliances and connections are complete to any source of energy or fuel. **Electrical** - After all devices, fixtures, fixed appliances and permanent power has been installed and connected. **Building** - After all code related building construction, exterior stairs and decks, required finish and exterior grade is complete. **CO- Public Improvement** - After installation of all public improvements (Meter Pits, Curb, Gutter and sidewalk, Sewer clean outs, Fire Hydrant, Inlets), inspection must be completed 7 days before a C.O. request is made.
15. **FIRE SAFETY**: Fire inspections are done by the Fire Department and will need to be contacted directly to schedule inspections. Arvada Fire Department 303-425-0905, Southwest Adams County Fire 303-429-3597.