



Detailed Tools List

Quantity Item

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| 1 | Air compressor |
| TBD | Backhoe or loader with front bucket. For moving groundcover. |
| 4 | Bars, steel digging. 6 feet or longer |
| 1 | Bobcat with 16-18" bit (with additional 12" bit for fence posts), forks and a bucket. All post holes should be drilled prior to PBD construction consultants' arrival. Boom auger trucks are also acceptable. Will need a bobcat on site for construction week. |
| 1 | Bolt cutters. Heavy duty for cutting chain. |
| 2 | Brooms. 1 push, 1 standard. |
| 15 | Buckets, 5-gallon. Recycled spackle buckets are great. Used for storage, holding materials, etc. |
| 15 | Quick Clamps, large. With openings larger than 4 inches. |
| 200 | Cans or Big Plastic Cups, Empty coffee cans or 24 ounce plastic cups. Used to hold nails and screws. |
| 1 | Caulk gun. |
| 1 | Chainsaws. Heavy-duty, high-quality, with proper fuel. Used on site all days of construction. |
| 3 | Chalk lines, with chalk. |
| 2 | Chisels. 1" |
| 5 | Clamps, pipe. 4 to 8 feet long. |
| 1 | Crane. To set pre-fabricated roofs into place. Roofs weigh approximately 3,000 lbs., 80 to 100 feet reach. Needed for 3 hours on final day of build. |
| 2 | Crowbars, large steel. |



- 35 **Drills, 3/8"**. Variable speed and reversible. Tape chuck keys to cords on all drills. Have extra chuck keys on hand. Cordless drills are also very useful. Have 2 batteries and a charger for each one. At least 12 heavy-duty cordless impact drivers are best option.
- 30 **Impact Drills, 3/8"** Variable speed and reversible
- 2 **Drills, 1/2"**. Extra heavy duty and reversible.
- 1 **Dumpster or dump truck**. Preferably 30 to 40 cubic yards. Must be on site all week for construction debris. May need separate smaller unit for food waste if it cannot be mixed.
- 100 **Earplugs**, disposable.
- 20 **Electric extension cords, 25'-50'**. #12 or #14 wire. All cords must have a ground wire with the ground prong properly connected.
- 3 **Electric gang boxes**. Must be #10 or #12 wire with ground and with 4 plug-ins on the end.
- 3 **Electric lead cords, 100'**. Each must be #10 or #12 wire with ground and with 4 to 6 plug-ins on the end. See illustration for main distribution from panel to site.
- 3 **Electric lead cords, 50'**. Each must be #10 or #12 wire with ground and with 4 to 6 plug-ins on the end. For main distribution from panel to site.
- 12 **Electric splitters**. Two-way and three-way.
- 1 **Electrical panel**. See description and attached drawing.
- 2 **Extension ladder**. 24' minimum.
- 2 **Fire extinguishers**. Rated for electrical fires (ABC).
- 80 **Gloves**. Pairs of heavy cotton work gloves, both large and small.
- 2 **Grinders, side**. 4-1/2 and 5". For cutting hardware and sanding with flap discs.
- 10 **Hammers**. 16- or 22-ounce carpentry.
- 15 **Hardhats**.
- 15 **Levels**. 48" or longer. A few 24" are acceptable.



- 1 **Level, contractors laser, and tripod.** Needed first 3 days of construction.
- 4 **Lights.** 4 or more high-wattage emergency lights, portable/generator type.
- 10 **Light strings.** Typical construction site light strings in good condition with safety baskets.
- 20 **Markers,** fine point. Sharpies work best.
- 6 **10” Miter Saws**
- 80 **Nail aprons.** Donated cloth aprons.
- 5 **Orbital jigsaws.** Must be heavy duty with orbital action—not a scroll saw.
- TBD **Paint brushes.** ¼” to 3”, for standard water-based paints and stains.
- 200 **Pencils.** #2 or carpenter. Also need a sharpener.
- 2 **Pickaxes.** Or grub hoes.
- 2 **Portable table saw.** 10-12” blade. Must have all safety guards; please verify as these are commonly removed.
- 9 **Post-hole diggers.** Used to hand dig and clean out holes.
- 15 **Rags.** Several utility.
- 15 **Rakes.** Metal garden.
- 500 ft. **Rope.** 3/8” is acceptable. Utility use/securing tarps.
- 4 **Routers.** Be sure 3/8” corner-round bits fit routers (typically ¼” shank).
- 6 **Laminate Routers.** Be sure 3/8” corner-round bits fit routers (typically ¼” shank).
- 1 **Router table.**
- 80 **Safety glasses.**
- 6 **Sanders, orbital.** Inform materials coordinator of sizes so that correct size pad can be obtained.



- 10** **Saws, circular.** 7 to 7-1/4" hand-held, heavy-duty.
- 2** **Saws, hand.** Sharp for woodcutting.
- 25 pairs** **Sawhorses.** Build prior to construction if necessary.
- 2** **Sawzalls.** Heavy-duty (metal and wood blades are on materials list).
- 6** **Scissors.** For cutting filter fabric.
- 3** **Screwdrivers.** Various sizes, Phillips and regular heads.
- 20** **Shovels.** Long-handled spades preferred.
- 1** **Sledge hammer.** 3 to 5 lb.
- 1** **Sledge hammer.** 8 to 12 lb.
- 4** **Slide compound miter saws.** This is a very specific type of saw—no substitutions. Discuss with project manager if you have questions.
- 2** **Squares, framing.**
- 25** **Squares, speed.** 6" used to mark boards.
- 2** **Stepladders, 6 to 8'.** OSHA rated, heavy-duty only.
- 4** **Stepladders, 10 to 12'.** OSHA rated, heavy-duty only.
- 2** **Storage containers with shelves.** At least 8' wide x 20' long x 8' high, with lighting. Trailers can also work. Also need stairs and lighting. To house tools and materials.
- 8+/-** **Tables.** Folding cafeteria style. For sign-in area, tools trailer, etc. Does not include food-service tables.
- 2** **Tape measure.** 100-foot length.
- 35** **Tape measures.** 25-foot plus
- 5** **Tarps.** 20x30' or larger, for emergency rain cover.
- TBD** **Tents.** At least 20x30', for pre-fab area and food service. Exact number will be determined at pre-construction meetings.



- 10 Pop-up Tents** At least one should be 15x15' for volunteer sign-in table
- 10 Trash cans**, 30-gallon. For construction and food waste.
- 6 Utility knives** Blades are on materials list.
- 2 Vise grips**.
- 20 Wheelbarrows**.
- 2 Wrenches, adjustable crescent**.
- 1 sets Wrenches, allen** (also called hex keys). Various sizes.
- 3 Wrenches, open-end**. 3 at 9/16" and 3 at 1/2".
- 1 set Wrenches, ratchet**. With complete sets of deep-well sockets, especially 9/16" and 1/2".
- 1 Portable Bandsaw**



Organized Screws



Workbenches



Miter Saw



Slide Compound Miter Saw



Portable Table Saw



Router Table



Router w/ 1/4" Shank



Circular Saw



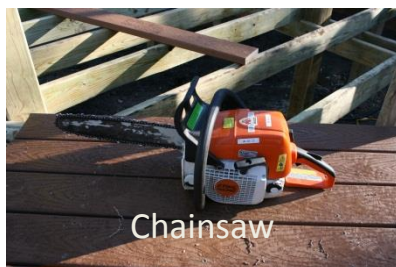
Orbital Jigsaw



3/8" Variable Speed Impact Drill



3/8" Variable Speed Drill



Chainsaw



Portable Bandsaw



Drill Press



Electrical Lead/Extension Cords