

Table 1 - List of materials (incomplete)

| Materials | | |
|--------------------|-------------------------------------|----------|
| Building envelope | | |
| | Metal Roofing | |
| | Wood (2X4), (2X6) (2X8) | |
| | Plywood | |
| | Foam insulation | Ecothree |
| | Rigid foam insulation slabs | |
| | drywall | |
| | Flooring | |
| | Spray foam cans | |
| | Caulk and wood glue | |
| | Joint compound | |
| | paint | |
| | Vapor barrier material | |
| | Windows (energy efficient) | |
| | Doors | |
| | Shading materials | |
| | Phase change materials | |
| | Decking lumber | |
| Building equipment | | |
| | Shower enclosure | |
| | Toilet | |
| | Bathroom sink | |
| | Kitchen sink | |
| | Vanity | NeedCo |
| | Kitchen cabinets | NeedCo |
| Furniture | | |
| | Queen beds x 2 | |
| | Bed sheets | |
| | Chairs | |
| | Sofa | |
| | Dining table & chairs | |
| | Computer desk | |
| | Dresser & mirror | |
| Fasteners & tools | | |
| | Drywall screws | |
| | Work gloves | |
| | Nuts and bolts | |
| | Joint compound spreaders | |
| | Paint rollers and brushes | |
| | Drills | |
| | Nail guns | |
| | Saw (circular, jigsaw, oscillating) | |
| | Hammer | |

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| | Hard hats | |
| Mechanical system | | |
| | Mini-split Heat pump | Carrier |
| | Heat pump water heater | SoCo |
| | fans | Watts Eng. |
| | pumps | JMP |
| | Compressed air tank | |
| | Air compressor | |
| Water supply | | |
| | pumps | JMP |
| | tubing | |
| | Pipe insulation | |
| | Tube fittings | |
| | Water tank | |
| | Sewage tank | |
| Electrical | | |
| | LED light bulbs | |
| | Wires and cables | |
| | Wall plugs | |
| | Solar PV panels | |
| | Batteries (12 V and 1.5 V) | |
| | Ceiling fans | |
| Appliances | | |
| | TV (40") | Royal Cup |
| | Laptop computer | |
| | Dish washer | Royal Cup |
| | Clothes washer & Dryer | Royal Cup |
| | Refrigerator | Royal Cup |
| | Sound system | |
| | Computer monitor | |
| | Toaster | |
| | Microwave oven | |
| | Kitchen range with oven | Royal Cup |
| | Coffee maker | |
| | Food processor | |
| Measurement & control | | |
| | Temperature sensors | Siemens |
| | Humidity sensors | Siemens |
| | Flow rate sensors | |
| | Watt meters | |
| | Light-intensity meters | |
| | Smoke detectors | |
| | CO ₂ monitors | |
| | Solar radiation sensors | |

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| | Switches and relays | |
| Miscellaneous | | |
| | Disposable plates, cups, utensils | |
| | Napkins | |
| | Paper towels | |
| | Air fresheners | |
| | Toilet papers | |
| | Garbage bags | |
| | Trash cans | |
| | Kitchen utensils | |
| | Pots & pans | |
| | Decorative items | |

Table 2 - List of required services (incomplete)

| Services | |
|------------------------------------|--|
| Plumbing | |
| AC installation | |
| Electrical wiring | |
| Frame building | |
| painting | |
| roofing | |
| Exterior panel installation | |
| Heavy transportation to Denver, CO | |
| Airplane tickets to Denver, CO | |
| Brochure printing | |
| Legal advice | |
| Truck trailer rental | |
| Food and beverages | |
| Accommodation in Denver, CO | |