














Wicking Raised Bed Parts, V2

| Product                         |   | Vendor    | Part #  | Qty | Price   | Unit Per Qty | Total   | Url   |
|---------------------------------|---|-----------|---|-----|---------|--------------|---------|---|
| All purpose sand                |    | HomeDepot | Model #115251<br>Store SKU #137263            | 3   | \$3.40  | EA           | \$10.20 | <a href="https://www.homedepot.com/p/Quikrete-50-lb-All-Purpose-Sand-115251/100318450?NCNI=5">https://www.homedepot.com/p/Quikrete-50-lb-All-Purpose-Sand-115251/100318450?NCNI=5</a>   |
| 2 x 8" x 12' Douglas fir boards |    | HomeDepot | Model # 604372<br>Store SKU#604372            | 4   | \$18.52 | EA           | \$74.08 | <a href="https://www.homedepot.com/p/2-in-x-8-in-x-12-ft-2-and-Better-Prime-Douglas-Fir-Board-604372/206182009">https://www.homedepot.com/p/2-in-x-8-in-x-12-ft-2-and-Better-Prime-Douglas-Fir-Board-604372/206182009</a>   |
| Wood Water proofing             |   | HomeDepot | Model # 55548XI-01<br>Store SKU #1003317178   | 1   | \$11.98 | Ea           | \$11.98 | <a href="https://www.homedepot.com/p/Olympic-Waterguard-1-gal-Clear-Multi-Surface-Brush-0022110020">https://www.homedepot.com/p/Olympic-Waterguard-1-gal-Clear-Multi-Surface-</a>   |
| Paintbrush                      |  |           | Store SKU #670030<br>Store SO SKU #1000074485 | 1   | \$6.17  |              | \$6.17  | <a href="https://www.homedepot.com/p/Wooster-2-in-Shortcut-Polyester-Angle-Sash-Brush-0022110020">https://www.homedepot.com/p/Wooster-2-in-Shortcut-Polyester-Angle-Sash-Brush-0022110020</a>   |
| Sheeting plywood                |  | HomeDepot | Model #20159<br>Store SKU #915378             | 1   | \$32.00 |              | \$32.00 | <a href="https://www.homedepot.com/p/Sheathing-Plywood-Common-15-32-in-x-4-ft-x-8-ft-Actual-0-438-in-x-48-in-x-96-in-20159/206827282?MERCH=REC--rv_categorypages_r-_-NA--206827282--N">https://www.homedepot.com/p/Sheathing-Plywood-Common-15-32-in-x-4-ft-x-8-ft-Actual-0-438-in-x-48-in-x-96-in-20159/206827282?MERCH=REC--rv_categorypages_r-_-NA--206827282--N</a> |






| Product                    |   | Vendor    | Part #                                 | Qty | Price   | Unit Per Qty | Total   | Url   |
|----------------------------|---|-----------|--|-----|---------|--------------|---------|---|
| Woodscrews, polymer coated |    | HomeDepot | Model #PTN3S1<br>Store SKU #134380     | 1   | \$8.97  |              | \$8.97  | <a href="https://www.homedepot.com/p/Grip-Rite-9-x-3-in-Philips-Bugle-Head-Coarse-Thread-Sharp-Point-Polymer-Coated-Exterior-Screw-1-lb-Pack-PTN3S1/100115639">https://www.homedepot.com/p/Grip-Rite-9-x-3-in-Philips-Bugle-Head-Coarse-Thread-Sharp-Point-Polymer-Coated-Exterior-Screw-1-lb-Pack-PTN3S1/100115639</a> |
| Dowel Kit                  |    | HomeDepot | Model #841516<br>Store SKU #1001062498 | 1   | \$5.97  |              | \$5.97  | <a href="https://www.homedepot.com/p/General-Tools-5-16-in-Wood-Doweling-Kit-841516/205585">https://www.homedepot.com/p/General-Tools-5-16-in-Wood-Doweling-Kit-841516/205585</a>   |
| Pond liner 7'              |   | HomeDepot |  | 1   | \$34.97 | SQ FT.       | \$34.97 | <a href="https://www.amazon.com/TotalPond-pondskins-Liner-10-Foot/dp/B004DLOY4Y/ref=sr_1_2?dchild=1&amp;keywords=pond+liner&amp;qid=1591221747&amp;sr=8-2">https://www.amazon.com/TotalPond-pondskins-Liner-10-Foot/dp/B004DLOY4Y/ref=sr_1_2?dchild=1&amp;keywords=pond+liner&amp;qid=1591221747&amp;sr=8-2</a>         |
| sand                       |  | Lowe's    | Model #478119                          | 1   | \$29.00 | 9 cu ft.     | \$29.00 | <a href="https://www.lowes.com/pd/Oldcastle-900-lb-All-purpose-Sand/3467923">https://www.lowes.com/pd/Oldcastle-900-lb-All-purpose-Sand/3467923</a>   |
| BulkHead                   |  | HomeDepot | Model #800479                          | 1   | \$14.92 |              | \$14.92 | <a href="https://www.homedepot.com/p/Everbilt-3-4-in-FIP-Barrel-Bulkhead-Union-with-EPDM-Washer-Fitting-800479/207176307">https://www.homedepot.com/p/Everbilt-3-4-in-FIP-Barrel-Bulkhead-Union-with-EPDM-Washer-Fitting-800479/207176307</a>   |
| 10' long 3" pipe           |  | HomeDepot | Model #27383<br>Store SKU #193828      | 1   | \$15.47 | \$1.00       | \$15.47 | <a href="https://www.homedepot.com/p/JM-eagle-3-in-x-10-ft-ABS-Sch-40-Foamcore-Pipe-27383/193828">https://www.homedepot.com/p/JM-eagle-3-in-x-10-ft-ABS-Sch-40-Foamcore-Pipe-27383/193828</a>   |



| Product              |   | Vendor    | Part #                                 | Qty | Price   | Unit Per Qty | Total           | Url   |
|----------------------|---|-----------|--|-----|---------|--------------|-----------------|---|
| Landscape Fabric     |  | HomeDepot | Model #GC320612BK                      | 1   | \$17.98 |              | \$17.98         | <a href="https://www.homedepot.com/p/6-ft-x-12-ft-Heavy-Duty-Polypropylene-Ground-Cover-Weed-Barrier-Vegetable-Raised-Beds-Lawn-Yard-GC320612BK/315548259">https://www.homedepot.com/p/6-ft-x-12-ft-Heavy-Duty-Polypropylene-Ground-Cover-Weed-Barrier-Vegetable-Raised-Beds-Lawn-Yard-GC320612BK/315548259</a> |
| Plastic Garden Fence |  | HomeDepot | Model #889250EB12<br>Store SKU #603403 | 1   | \$17.83 |              | \$17.83         | <a href="https://www.homedepot.com/p/Everbilt-Everbilt-1-in-x-3-3-ft-x-25-ft-Green-Plastic-Garden-Fence-889250EB12/206478200">https://www.homedepot.com/p/Everbilt-Everbilt-1-in-x-3-3-ft-x-25-ft-Green-Plastic-Garden-Fence-889250EB12/206478200</a>   |
| <b>Total</b>         |   |           |  |     |         |              | <b>\$269.34</b> |   |
|                      |   |           |  |     |         |              |                 |   |
|                      |   |           |  |     |         |              |                 |   |

Raised Bed Calculator

|                        | Mm | in    | Qty  | Volume (in <sup>3</sup> ) | Vol (ft <sup>3</sup> ) | Gallons     | Vol (m <sup>3</sup> ) |
|------------------------|----|-------|------|---------------------------|------------------------|-------------|-----------------------|
| Liner thickness        | 1  | 0.04  |      |                           |                        |             |                       |
| Inner length           |    | 97.50 |      |                           |                        |             |                       |
| Inner width            |    | 41.00 |      |                           |                        |             |                       |
| height                 |    | 16.00 |      |                           |                        |             |                       |
| Water depth            |    | 5     |      | 19987.50                  | 11.57                  | 86.53       | 0.33                  |
| Soil height            |    | 11    |      | 43972.50                  | 25.45                  | 190.36      | 0.72                  |
| % sand                 |    |       | 0.25 | 10993.13                  | 6.36                   | 47.59       | 0.18                  |
| % other                |    |       | 0.75 | 32979.38                  | 19.09                  | 142.77      | 0.54                  |
| Pond liner             |    |       |      |                           |                        |             |                       |
| Long pond wall         |    |       | 2    | 122.83                    | 11.64                  | 0.53        | 0.33                  |
| Short pond wall        |    |       | 2    | 51.65                     | 0.03                   | 0.22        | 0.00                  |
| Floor pond wall        |    |       | 1    | 157.38                    | 0.09                   | 0.68        | 0.00                  |
|                        |    |       |      |                           |                        |             |                       |
| <b>Pond wall total</b> |    |       |      | <b>331.87</b>             | <b>11.76</b>           | <b>1.44</b> |                       |
| interior vol           |    |       |      | 63960.00                  | 37.01                  | 276.88      |                       |

Tools list

| Product           |   | Vendor    | Part #                                | Price | Url   |
|-------------------|---|-----------|---------------------------------------|-------|---|
| Stapler           |    | HomeDepot | Model # JT27 Store SKU #423615        | 11.27 | <a href="https://www.homedepot.com/p/Arrow-JT27-Economy-Light-Duty-Staple-Gun-JT27/202558142">https://www.homedepot.com/p/Arrow-JT27-Economy-Light-Duty-Staple-Gun-JT27/202558142</a>   |
| Staples           |    | HomeDepot | Model # 21450 Store SKU #172715       | 3.10  | <a href="https://www.homedepot.com/p/Arrow-1-4-in-Leg-x-7-16-in-Crown-21-Gauge-Galvanized-Steel-Staples-1-000-Pack-21450/100205632">https://www.homedepot.com/p/Arrow-1-4-in-Leg-x-7-16-in-Crown-21-Gauge-Galvanized-Steel-Staples-1-000-Pack-21450/100205632</a>   |
| Hack Saw          |    | HomeDepot | Model # 122JHSC Store SKU #1000032947 | 4.97  | <a href="https://www.homedepot.com/p/Husky-6-in-Hack-Saw-with-Comfort-Grip-Handle-122JHSC/204748808">https://www.homedepot.com/p/Husky-6-in-Hack-Saw-with-Comfort-Grip-Handle-122JHSC/204748808</a>   |
| 9/16" drill bit   |  | HomeDepot | Model # KFDRSD9/16                    | 6.53  | <a href="https://www.homedepot.com/p/Drill-America-9-16-in-High-Speed-Steel-Twist-Black-and-Gold-Reduced-Shank-Drill-Bit-with-1-2-in-Shank-KFDRSD9-16/306565655">https://www.homedepot.com/p/Drill-America-9-16-in-High-Speed-Steel-Twist-Black-and-Gold-Reduced-Shank-Drill-Bit-with-1-2-in-Shank-KFDRSD9-16/306565655</a> |
| 1" wood drill bit |  | HomeDepot | Model # HCD100 Store SKU #1001689731  | 8.97  | <a href="https://www.homedepot.com/p/Bosch-Daredevil-1-in-Wood-Hole-Saw-with-Arbor-HCD100/206703585">https://www.homedepot.com/p/Bosch-Daredevil-1-in-Wood-Hole-Saw-with-Arbor-HCD100/206703585</a>   |
| 2" wood drill bit |  | HomeDepot | Model # HCD200 Store SKU #1001689967  | 12.97 | <a href="https://www.homedepot.com/p/Bosch-Daredevil-2-in-Wood-Hole-Saw-with-Arbor-HCD200/206703601">https://www.homedepot.com/p/Bosch-Daredevil-2-in-Wood-Hole-Saw-with-Arbor-HCD200/206703601</a>   |
| Drill             |  | HomeDepot | Model # D43K Store SKU #1000052302    | 39.97 | <a href="https://www.homedepot.com/p/RYOBI-5-5-Amp-Corded-3-8-in-Variable-Speed-Compact-Drill-Driver-with-Bag-D43K/205216326">https://www.homedepot.com/p/RYOBI-5-5-Amp-Corded-3-8-in-Variable-Speed-Compact-Drill-Driver-with-Bag-D43K/205216326</a>   |
| Caulk Gun         |  | HomeDepot | Model # HD109 Store SKU #449032       | 3.97  | <a href="https://www.homedepot.com/p/HDX-smooth-rod-caulk-gun-10-oz-HD109/203788465">https://www.homedepot.com/p/HDX-smooth-rod-caulk-gun-10-oz-HD109/203788465</a>   |

| Product      |   | Vendor    | Part #                                  | Price        | Url   |
|--------------|---|-----------|---|--------------|---|
| Level        |  | HomeDepot | Model # 42-470<br>Store SKU #1004515705 | 9.98         | <a href="https://www.homedepot.com/p/Stanley-48-in-Non-Magnetic-High-Impact-ABS-Level-42-470/203791770">https://www.homedepot.com/p/Stanley-48-in-Non-Magnetic-High-Impact-ABS-Level-42-470/203791770</a> |
| Hobby Knife  |  | HomeDepot | Model # 10-401<br>Store SKU #184918     | 3.97         | <a href="https://www.target.com/p/fiskars-softgrip-detail-knife/-/A-51647729">https://www.target.com/p/fiskars-softgrip-detail-knife/-/A-51647729</a>   |
| <b>Total</b> |   |           |   | <b>105.7</b> |   |
|              |   |           |   |              |   |