



WEBER STATE
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Solar Decathlon 2020

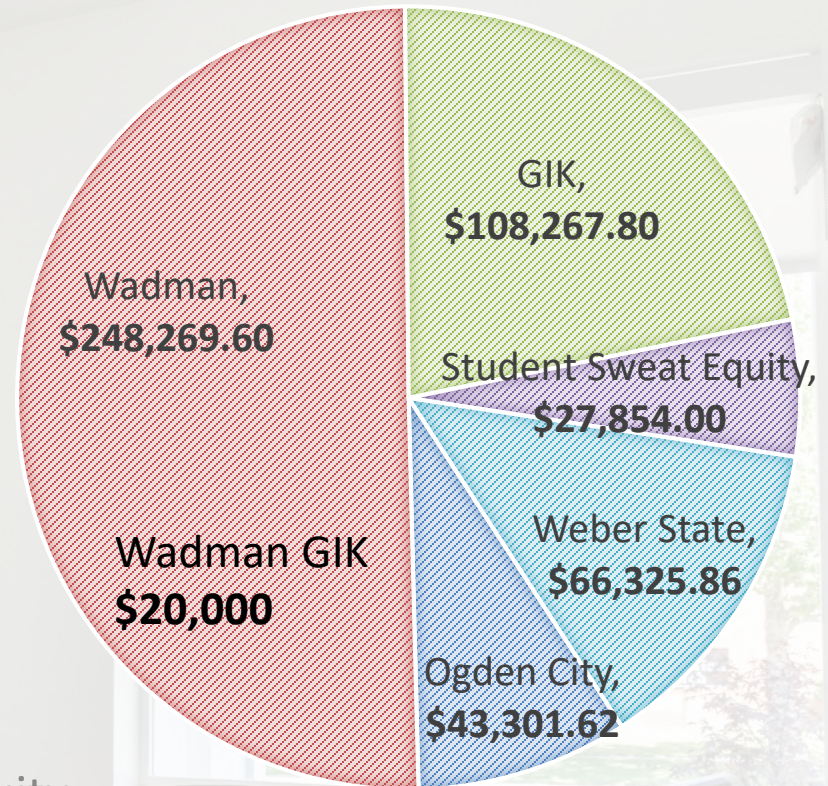
Cost Analysis



\$514,018.88

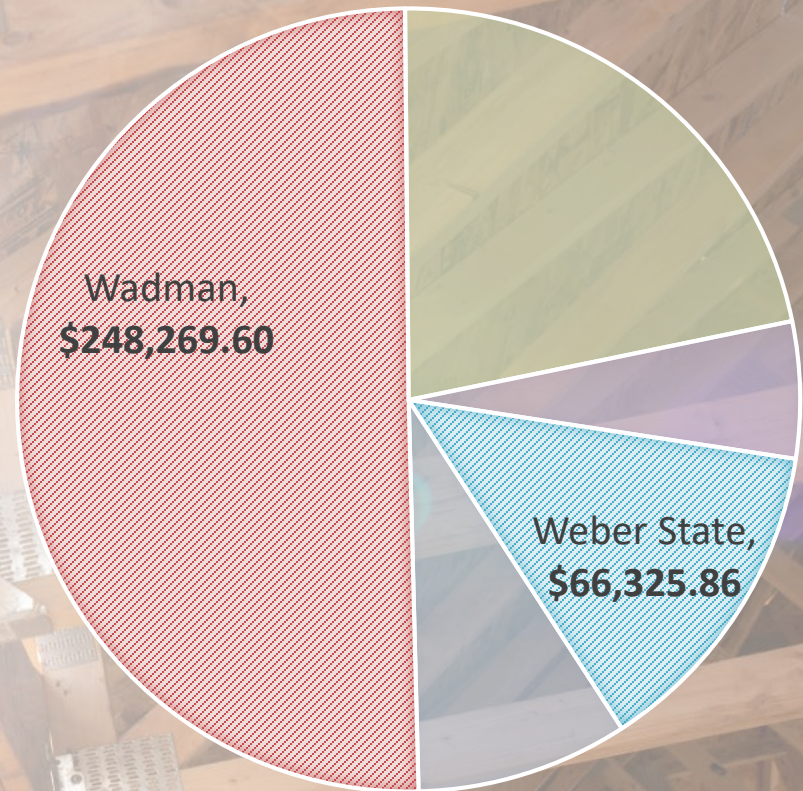
Actual Cost + Donations + Sweat Equity

**WHAT WAS THE TRUE VALUE OF
THE HOME?**



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\$314,595.46

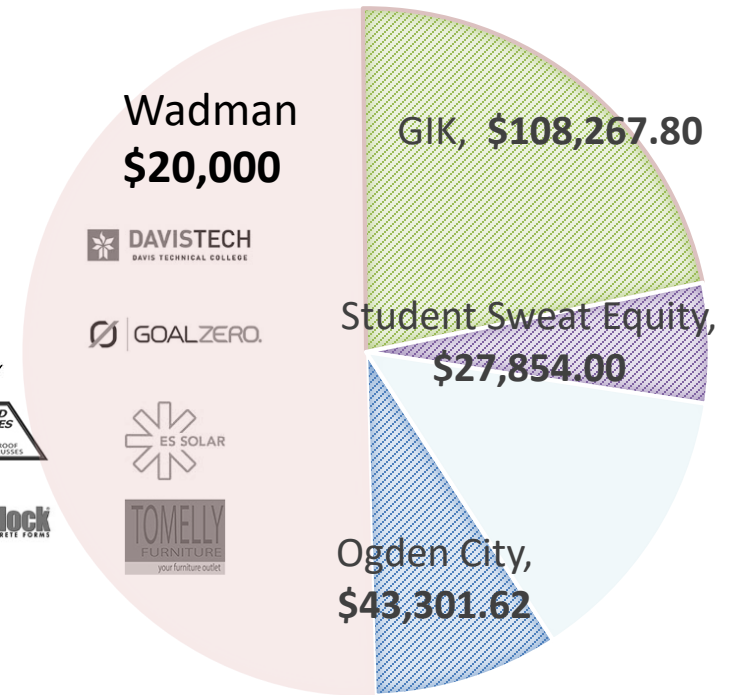


**WHAT WAS THE TOTAL OUT OF
POCKET COST**



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Thank you to our sponsors



Donations + Discounts + Sweat Equity + Ogden Land Donation

HOW MUCH WAS DONATED?

\$199,423.42



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How much sweat equity was provided?

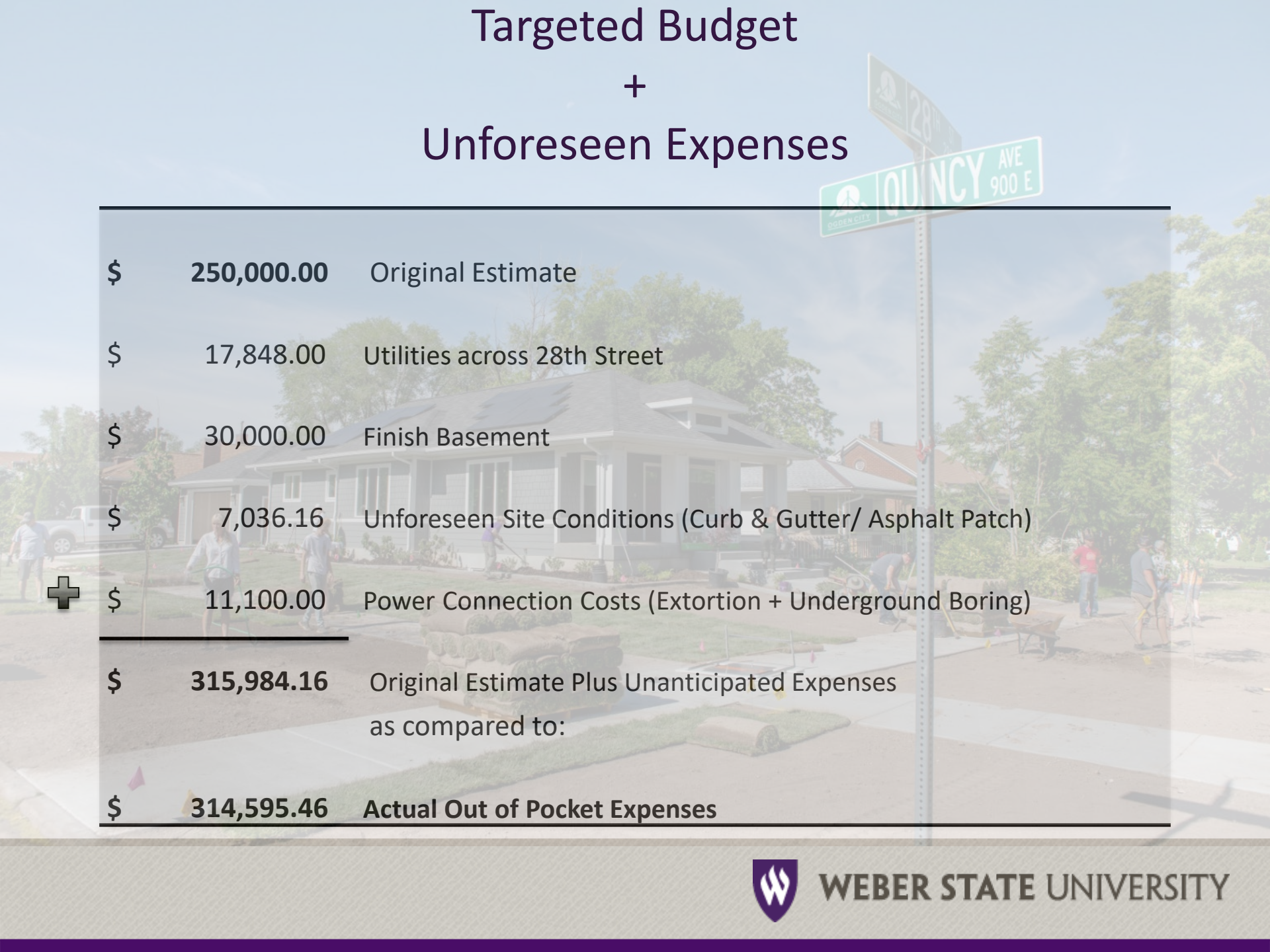


Category	GIK	
Plans by WSU	\$ 2,610.00	Sweat Equity by Jeremy's Senior Project Group
Superintendent	\$ 10,000.00	Sweat Equity by Jeremy' class \$500/week for 20 weeks
Final Cleaning	\$ 500.00	Sweat Equity by Jeremy's Senior Project Group
Excavation, Sewer & Water Lines, remove sidewalk, approaches, curb & gutter	\$ 1,500.00	Sweat Equity by Jeremy's Senior Project Group
Sod	\$ 1,000.00	Sweat Equity by FM
ICF Labor & Water Proofing for Home	\$ 4,750.00	Donated by Jeremy's Senior Project Group
Gravel Conveying & Concrete Prep	\$ 1,700.00	Donated by Jeremy's Senior Project Group
Framing Labor & Nails/Staples	\$ 1,644.00	Sweat Equity by Jeremy's Senior Project Group
Interior Trim Labor	\$ 500.00	Donated by Jeremy
Attic Insulation	\$ 500.00	Rim Joist insulation and air sealing donated by Jeremy's Senior Project Group
Windows Install	\$ 500.00	\$500 Install Donated by Jeremy's Senior Project Group
Electrical Labor & Materials	\$ 250.00	Labor donated by D Tech electrical program
Plumbing Labor	\$ 2,400.00	Davis Technical College to donate the rough labor, but we had to hire the instructor to finish because of Covid
Estimated Total Worth	\$ 27,854.00	



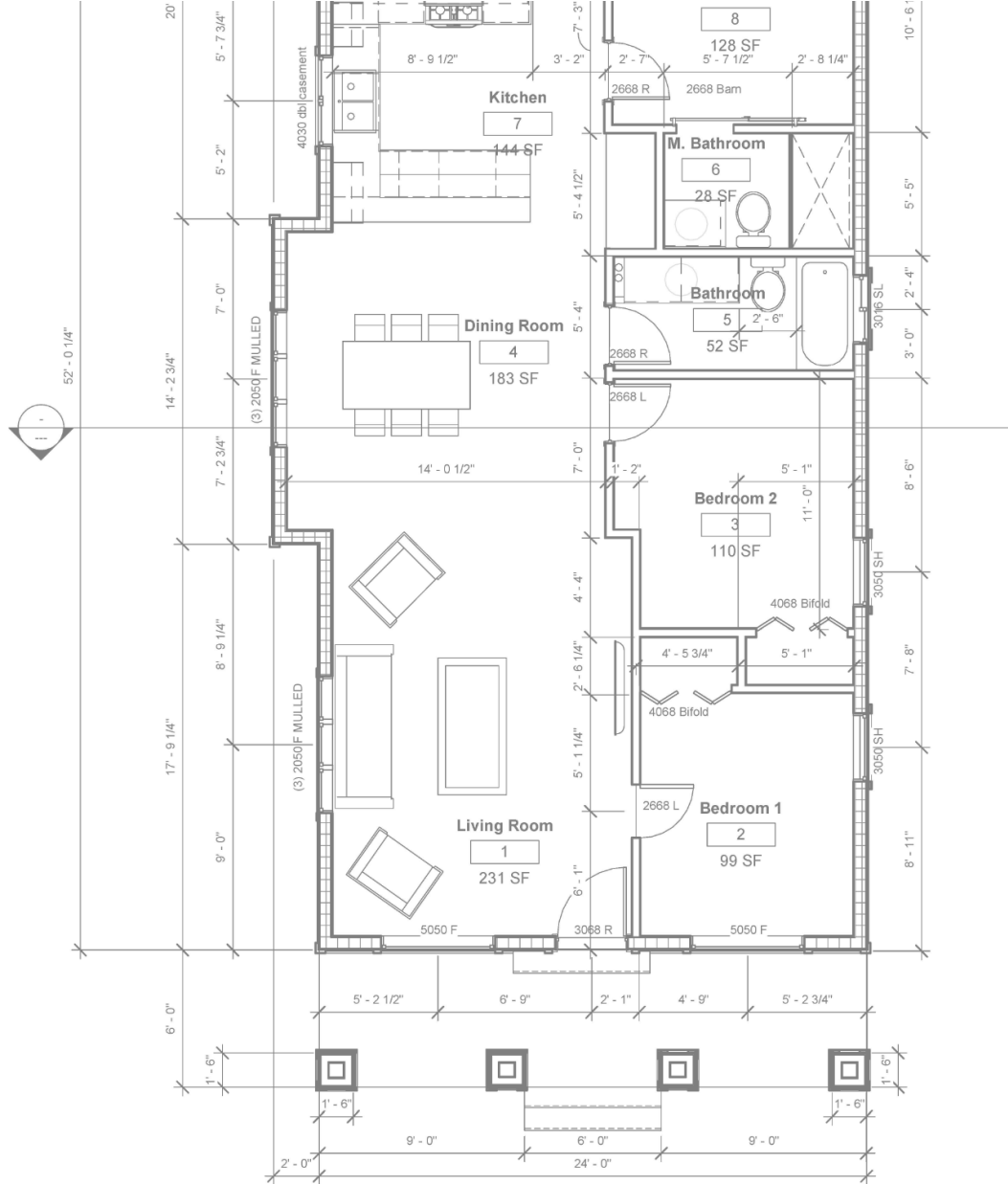
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Targeted Budget + Unforeseen Expenses



\$	250,000.00	Original Estimate
\$	17,848.00	Utilities across 28th Street
\$	30,000.00	Finish Basement
\$	7,036.16	Unforeseen Site Conditions (Curb & Gutter/ Asphalt Patch)
	\$ 11,100.00	Power Connection Costs (Extortion + Underground Boring)
\$	315,984.16	Original Estimate Plus Unanticipated Expenses as compared to:
\$	314,595.46	Actual Out of Pocket Expenses





2450 Finished
Square Feet

\$147.51

Cost per SF
Including Permit &
Lot Fees Paid by
Ogden City

VS

\$175

Going rate for new
construction today

COST PER SQUARE FOOT



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\$201.64

2450 Finished
Square Feet

Value Including All Donations & Sweat Equity

TRUE VALUE PER SQUARE FOOT



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Engineering, Applied Science & Technology

— DEPARTMENT OF —
**CONSTRUCTION AND
BUILDING SCIENCES**