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Project Descriptions

BACKYARD PATIO-MIDRANGE

Install 20x20-foot flagstone patio on flat ground behind home. Connect house and patio via a lift-and-slide glass door. Put gaspowered fire pit in the center of the patio and surround it with four mid-priced all-weather deck chairs. Opposite home, install a stone-veneer modular kitchen unit with gas grill, mini-refrigerator, sink, and storage. On each corner, erect 20x20-foot cedar pergola capable of holding an awning that can shade the entire deck. Install mid-priced, low-voltage lights on pergola sufficient to illuminate patio at night. Install underground gas and electrical connections.

BATHROOM ADDITION-MIDRANGE

Add 6x8-foot bathroom over crawlspace with poured concrete walls. Use cultured-marble vanity top with molded sink; standard chrome faucets; 30x60-inch white fiberglass tub/shower with ceramic tile surround; single-lever temperature and pressure-balanced faucet; white low-profile toilet; general and spot lighting; electrical wiring to code; mirrored medicine cabinet; linen storage closet or cabinet; vinyl wallpaper; painted trim; ceramic tile floor.

BATHROOM ADDITION-UPSCALE

Add new 100-square-foot master bath to existing master bedroom over crawlspace. Include 42x42-inch neo-angle shower with ceramic tile walls, accent strip, recessed shower caddy, body-spray fixtures, and frameless glass enclosure. Put in freestanding soaker tub with high-end faucets; stone countertop with two sinks; two mirrored medicine cabinets with lighting; a compartmentalized commode area with one-piece toilet; and a humidistat-controlled exhaust fan. Use larger matching ceramic tiles on the floor, laid on diagonal with ceramic tile base molding. Add general and spot lighting and waterproof shower fixture. Cabinetry has custom drawer base, wall cabinets. Extend HVAC. Electric in-floor heating.

BATHROOM REMODEL-MIDRANGE

Update an existing 5x7-foot bathroom. Replace all fixtures to include 30x60-inch porcelain-on-steel tub with 4x4-inch ceramic tile surround; new single-lever temperature and pressure-balanced shower control; standard white toilet; solid-surface vanity counter with integral sink; recessed medicine cabinet with light; ceramic tile floor; vinyl wallpaper.

BATHROOM REMODEL-UPSCALE

Expand existing 35-square-foot bathroom to 100 sf within existing house footprint. Relocate all fixtures. Include 42x42-inch neo-angle shower with ceramic tile walls with accent strip, recessed shower caddy, body-spray fixtures, and frameless glass enclosure. Include freestanding soaker tub with high-end faucets; stone countertop with two sinks; two mirrored medicine cabinets with lighting; a compartmentalized commode area with one-piece toilet; and a humidistat-controlled exhaust fan. Use all color fixtures. Use

larger matching ceramic tiles on the floor, laid on diagonal with ceramic tile base molding. Add general and spot lighting including waterproof shower fixture. Cabinetry shall include a custom drawer base and wall cabinets. Extend HVAC system, and include electric in-floor heating.

DECK ADDITION (COMPOSITE)—MIDRANGE

Add a 16x20-foot deck using pressure-treated joists supported by 4x4-inch posts anchored to concrete piers. Install composite deck material in a simple linear pattern. Include a built-in bench and planter of the same decking material. Include stairs, assuming three steps to grade. Provide a complete railing using a matching system made of the same composite as the decking material.

DECK ADDITION (WOOD)—MIDRANGE

Add a 16x20-foot deck using pressure-treated joists supported by 4x4-inch posts anchored to concrete piers. Install pressure-treated deck boards in a simple linear pattern. Include a built-in bench and planter of the same decking material. Include stairs, assuming three steps to grade. Provide a complete railing system using pressure-treated wood posts, railings, and balusters.

ENTRY DOOR REPLACEMENT (STEEL)—MIDRANGE

Remove existing 3-0/6-8 entry door and jambs and replace with new 20-gauge steel unit, including clear dual-pane half-glass panel, jambs, and aluminum threshold with composite stop. Door is factory finished with same color both sides. Exterior brick-mold and 2.5-inch interior colonial or ranch casings in poplar or equal prefinished to match door color. Replace existing lockset.

GARAGE DOOR REPLACEMENT-UPSCALE

Remove and dispose of existing 16x7-foot garage door and tracks. Install new four-section garage door on new heavy-duty galvanized steel tracks; reuse existing motorized opener. New door is high-tensilestrength steel with two coats of factory-applied paint, and foam insulated to minimum R-12, with thermal seals between pinch-resistant panels. Windows in top panel are ½-inch insulated glass. Hardware includes galvanized steel hinges and ball-bearing urethane rollers. Lifetime warranty.

GRAND ENTRANCE (FIBERGLASS)-UPSCALE

Remove existing 3-0/6-8 entry door and cut and reframe opening for a 12-36-12 entrance door with dual sidelites. Move double-gang electrical box with two switches. Fiberglass door blank matches upscale entry, including color, threshold, lockset, and decorative half-glass; sidelites match door. PVC-wrapped exterior trim in color to match existing trim; wider interior colonial or ranch casings (3.5-inch to cover new jack studs) in hardwood stained to match door. All work to be completed in one day.

MINOR KITCHEN REMODEL-MIDRANGE

In a functional but dated 200-square-foot kitchen with 30 linear



feet of cabinetry and countertops, leave cabinet boxes in place but replace fronts with new shaker-style wood panels and drawer fronts, including new hardware. Replace cooktop/oven range and slide-in refrigerator with new energy-efficient models. Replace laminate countertops; install midpriced sink and faucet. Repaint trim, add wall covering, and remove and replace resilient flooring.

MAJOR KITCHEN REMODEL-MIDRANGE

Update an outmoded 200-square-foot kitchen with a functional layout of 30 linear feet of semi-custom wood cabinets, including a 3x5-foot island; laminate countertops; and standard double-tub stainless-steel sink with standard single-lever faucet. Include energy-efficient range, ventilation system, built-in microwave, dishwasher, garbage disposal, and custom lighting. Add new resilient flooring. Finish with painted walls, trim, and ceiling.

MAJOR KITCHEN REMODEL-UPSCALE

Update outmoded 200-square-foot kitchen with 30 linear feet of top-of-the-line custom white cabinets with built-in sliding shelves and other interior accessories. Include stone countertops with imported ceramic- or glass-tile backsplash; built-in refrigerator, commercial grade cooktop and vent hood, wall oven, and built-in microwave unit. Install high-end undermount sink with designer faucets and water filtration system. Add new general and task lighting, including low-voltage undercabinet lights. Install tile or similar flooring that looks like wood.

MANUFACTURED STONE VENEER-MIDRANGE

Remove 300 square-foot continuous band of existing vinyl siding from bottom third of street-facing façade, beginning at garage, and continuing around main entry. Replace with adhered manufactured stone veneer, including 36 linear feet (LF) of sills, 40 LF of corners, and one address block. Installation includes two separate layers of water resistive barrier laid over bare sheathing, corrosion resistant lath and fasteners, and nominal ½-inch-thick mortar scratch coat and setting bed. Outline the archway, use an 8x10-inch keystone and a soldier course of flats on either side.

MASTER SUITE ADDITION-MIDRANGE

Add 24x16-foot master bedroom suite over crawlspace. Include walk-in closet/dressing area, freestanding soaker tub, separate 3x4-foot ceramic tile shower, and double-bowl vanity with solid-surface countertop. Carpet the floor; put tile in bath. Paint walls, ceiling, and trim. Install general and spot lighting, exhaust fan..

MASTER SUITE ADDITION-UPSCALE

Add a 32x20-foot master bedroom suite over a crawlspace. Add spacious sleeping area with lounging/sitting area adjacent to large master bath. Include custom bookcases and built-in storage with millwork details; high-end gas fireplace with stone hearth and custom mantle; and walk-in closet/dressing area with natural light,

mirrors, and linen storage. Add French doors. Bathroom includes a walk-in shower with dual-shower system, stone walls and floor, and custom frameless glass enclosure. Add freestanding soaker tub. Include two sinks in separate custom vanities with stone countertops and large mirrors. Create partitioned area for luxury one-piece toilet. Outside the bath, add 5-foot-long hospitality center with bar sink, undercounter refrigerator, custom cabinetry, granite or marble countertop, and microwave. Include soundproofing, infloor heating, custom wall finishes and hardware, general and spot lighting, and lighting controls.

ROOFING REPLACEMENT-MIDRANGE

Remove existing roofing to bare wood sheathing and dispose of properly. Install 30 squares of 235-pound fiberglass asphalt shingles (min. 25-year warranty) with new felt underlayment, galvanized drip edge, and mill-finish aluminum flashing. Assume a 5-square hip roof; custom flashing at two average-size skylights; and custom cap treatment at vented ridge.

SIDING REPLACEMENT-MIDRANGE

Replace 1,250 square feet of existing siding with new siding. Include factory trim at all openings and corners.

UNIVERSAL DESIGN BATHROOM-MIDRANGE

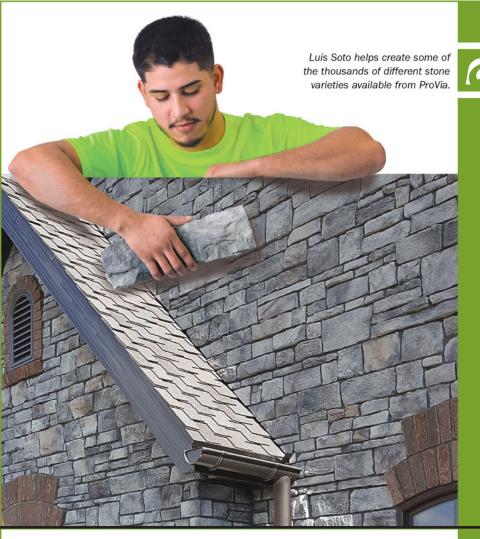
In existing 5x7-foot space, widen doorway so room is accessible by wheelchair. Install a wider wood interior door and standard knobs. Reinforce bathroom walls as appropriate to support grab bars, towel hooks, and seats. Place electrical switches and outlets at wheelchair heights. Replace existing 3x5-foot tub/shower unit with walk-in, zero-threshold shower. Install fold-down seat in shower area. Use a height-adjustable/removable shower head. Replace existing toilet with comfort-height toilet. Install support bars as needed. Replace bathroom vanity and sink with a unit whose doors are easily accessible while sitting and has space beneath for a person to sit comfortably at it. Install standard porcelain sink and faucets with lever handles. Place mid-priced light fixtures on either side of the mirror. Replace overhead lighting with 100-watt equivalent LED unit. Reconfigure storage so it can be accessed from a wheelchair.

WINDOW REPLACEMENT (VINYL)-MIDRANGE

Replace 10 existing 3x5-foot double-hung windows with insulated, low-E, simulated-divided-lite vinyl windows. Simulated woodgrain interior finish; custom-color exterior finish. Trim exterior to match existing; do not disturb existing interior trim.

WINDOW REPLACEMENT (WOOD)—MIDRANGE

Replace 10 existing 3x5-foot double-hung windows with insulated, low-E, simulated-divided-lite wood windows. Interior finish of stained hardwood; exterior finish of custom-color aluminum cladding. Trim exterior to match existing; do not disturb existing interior trim.



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Job Cost \$ 53,548 43,845	Resale Value \$ 19,667	Cost Recouped	Job Cost	Resale	Cost	Job	Resale	Coot
	\$ 19,667		0031	Value	Recouped	Cost	Value	Cost Recouped
13 815	,	36.7%	\$ 55,473	\$ 23,565	42.4%	\$ 54,130	\$ 25,769	47.6%
45,045	24,357	55.6%	45,646	23,914	52.6%	44,717	26,769	59.9%
81,983	44,357	54.1%	84,749	43,784	51.7%	83,869	45,752	54.6%
18,719	10,615	56.7%	19,510	11,522	59.2%	19,134	13,422	70.1%
59,390	48,038	80.9%	62,169	34,668	56.1%	61,662	34,633	56.2%
17,534	7,458	42.5%	17,749	10,625	60.0%	17,668	11,239	63.6%
10,600	5,625	53.1%	10,910	7,885	72.3%	10,950	9,065	82.8%
1,444	1,203	83.3%	1,887	1,337	70.9%	1,471	1,344	91.3%
3,423	2,027	59.2%	3,457	2,856	82.4%	3,470	3,411	98.3%
8,637	3,729	43.2%	8,601	5,211	60.5%	8,591	5,809	67.6%
63,629	32,361	50.9%	64,748	33,947	52.5%	63,829	37,637	59.0%
122,533	66,250	54.1%	126,871	62,586	49.4%	125,721	67,212	53.5%
8,127	4,742	58.3%	8,199	6,794	82.8%	8,221	7,986	97.1%
119,711	60,667	50.7%	123,843	64,947	52.7%	123,420	69,807	56.6%
252,554	118,750	47.0%	257,265	117,899	46.0%	256,229	123,797	48.3%
20,991	12,647	60.2%	21,455	14,532	67.6%	21,198	17,193	81.1%
20,479	7,250	35.4%	21,512	12,335	57.6%	20,939	14,320	68.4%
14,454	6,455	44.7%	15,234	11,006	72.1%	15,072	11,554	76.7%
16,110	8,450	52.5%	16,961	10,362	61.2%	16,393	11,581	70.6%
15,974	7,545	47.2%	15,959	11,096	69.6%	15,955	11,855	74.3%
19,361	9,909	51.2%	19,258	12,045	62.5%	19,391	13,468	69.5%
	81,983 18,719 59,390 17,534 10,600 1,444 3,423 8,637 63,629 122,533 8,127 119,711 252,554 20,991 20,479 14,454 16,110 15,974	81,983 44,357 18,719 10,615 59,390 48,038 17,534 7,458 10,600 5,625 1,444 1,203 3,423 2,027 8,637 3,729 63,629 32,361 122,533 66,250 8,127 4,742 119,711 60,667 252,554 118,750 20,991 12,647 20,479 7,250 14,454 6,455 16,110 8,450 15,974 7,545	81,983 44,357 54.1% 18,719 10,615 56.7% 59,390 48,038 80.9% 17,534 7,458 42.5% 10,600 5,625 53.1% 1,444 1,203 83.3% 3,423 2,027 59.2% 8,637 3,729 43.2% 63,629 32,361 50.9% 122,533 66,250 54.1% 8,127 4,742 58.3% 119,711 60,667 50.7% 252,554 118,750 47.0% 20,991 12,647 60.2% 20,479 7,250 35.4% 14,454 6,455 44.7% 16,110 8,450 52.5% 15,974 7,545 47.2%	81,983 44,357 54.1% 84,749 18,719 10,615 56.7% 19,510 59,390 48,038 80.9% 62,169 17,534 7,458 42.5% 17,749 10,600 5,625 53.1% 10,910 1,444 1,203 83.3% 1,887 3,423 2,027 59.2% 3,457 8,637 3,729 43.2% 8,601 63,629 32,361 50.9% 64,748 122,533 66,250 54.1% 126,871 8,127 4,742 58.3% 8,199 119,711 60,667 50.7% 123,843 252,554 118,750 47.0% 257,265 20,991 12,647 60.2% 21,455 20,479 7,250 35.4% 21,512 14,454 6,455 44.7% 15,234 16,110 8,450 52.5% 16,961 15,974 7,545 47.2% 15,959 19,361 9,909 51.2% 19,258	81,983 44,357 54.1% 84,749 43,784 18,719 10,615 56.7% 19,510 11,522 59,390 48,038 80.9% 62,169 34,668 17,534 7,458 42.5% 17,749 10,625 10,600 5,625 53.1% 10,910 7,885 1,444 1,203 83.3% 1,887 1,337 3,423 2,027 59.2% 3,457 2,856 8,637 3,729 43.2% 8,601 5,211 63,629 32,361 50.9% 64,748 33,947 122,533 66,250 54.1% 126,871 62,586 8,127 4,742 58.3% 8,199 6,794 119,711 60,667 50.7% 123,843 64,947 252,554 118,750 47.0% 257,265 117,899 20,479 7,250 35.4% 21,512 12,335 14,454 6,455 44.7% 15,234 11,006 16,110 8,450 52.5% 16,961 10,362	81,983 44,357 54.1% 84,749 43,784 51.7% 18,719 10,615 56.7% 19,510 11,522 59.2% 59,390 48,038 80.9% 62,169 34,668 56.1% 17,534 7,458 42.5% 17,749 10,625 60.0% 10,600 5,625 53.1% 10,910 7,885 72.3% 1,444 1,203 83.3% 1,887 1,337 70.9% 3,423 2,027 59.2% 3,457 2,856 82.4% 8,637 3,729 43.2% 8,601 5,211 60.5% 63,629 32,361 50.9% 64,748 33,947 52.5% 122,533 66,250 54.1% 126,871 62,586 49.4% 8,127 4,742 58.3% 8,199 6,794 82.8% 119,711 60,667 50.7% 123,843 64,947 52.7% 252,554 118,750 47.0% 257,265 117,899 46.0% 20,479 7,250 35.4% 21,512 12,	81,983 44,357 54.1% 84,749 43,784 51.7% 83,869 18,719 10,615 56.7% 19,510 11,522 59.2% 19,134 59,390 48,038 80.9% 62,169 34,668 56.1% 61,662 17,534 7,458 42.5% 17,749 10,625 60.0% 17,668 10,600 5,625 53.1% 10,910 7,885 72.3% 10,950 1,444 1,203 83.3% 1,887 1,337 70.9% 1,471 3,423 2,027 59.2% 3,457 2,856 82.4% 3,470 8,637 3,729 43.2% 8,601 5,211 60.5% 8,591 63,629 32,361 50.9% 64,748 33,947 52.5% 63,829 122,533 66,250 54.1% 126,871 62,586 49.4% 125,721 8,127 4,742 58.3% 8,199 6,794 82.8% 8,221 119,711<	81,983 44,357 54.1% 84,749 43,784 51.7% 83,869 45,752 18,719 10,615 56.7% 19,510 11,522 59.2% 19,134 13,422 59,390 48,038 80.9% 62,169 34,668 56.1% 61,662 34,633 17,534 7,458 42.5% 17,749 10,625 60.0% 17,668 11,239 10,600 5,625 53.1% 10,910 7,885 72.3% 10,950 9,065 1,444 1,203 83.3% 1,887 1,337 70.9% 1,471 1,344 3,423 2,027 59.2% 3,457 2,856 82.4% 3,470 3,411 8,637 3,729 43.2% 8,601 5,211 60.5% 8,591 5,809 63,629 32,361 50.9% 64,748 33,947 52.5% 63,829 37,637 122,533 66,250 54.1% 126,871 62,586 49.4% 125,721

CONFIDENCE LEVEL: 95% +/-8.0 CONFIDENCE LEVEL: 95% +/-1.4

^{*} Entry door replacement cost and value numbers are extrapolations based on national changes for seven other exterior projects