

## Computer Graphics 2 - Room Renovation Proposal

### Use Back for room sketch

Based on the concept in HGTV's "Hidden Potential" where a couple is shown three homes based on their budget, allowing for purchase and renovation, you will pick one room in your house to make some proposed renovations. In the television version, a designer walks through the homes with his laptop and displays what the hidden potential of the space may be, given some redesign. I would like you to pick one of three rooms in your house; living room, bathroom, or kitchen. Take pictures of that space with existing materials and permanent fixture/component location (cabinets, windows, doors, flooring material, wall material, etc.) Use this sheet to help identify important measurements to the overall room design. We will then draft that space in Autodesk Revit and, if needed, adjoining spaces, to demonstrate your vision for redesign potential with a "real" budget. You will research prices for proposed changes staying within 5% of the target budget. If you go over budget, you will state what deemed the overage. The 3D designs will include all proposed furnishings and be rendered with a camera walk-through in 3D Studio Max.

You may use relevant web sites (i.e. Lowes.com, HomeDepot.com, etc) or store locations to obtain pricing and item specifications.

Budget to include: wall treatments, new windows/doors, flooring change, furniture choices. Pictures of choices or models must accompany designs. Prices must be found for proposed items.

Living Room: \$15,000, Bathroom: \$15,000, Bedroom \$15,000 Kitchen \$25,000

By listing existing sizes, you will gain a better understanding of current space constraints and potential.

Room Selection \_\_\_\_\_

Room Size – Length \_\_\_\_\_ Width \_\_\_\_\_

Window sizes Width \_\_\_\_\_ Height \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

Window sizes Width \_\_\_\_\_ Height \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

Door sizes Width \_\_\_\_\_ Height \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

Counter Top Length \_\_\_\_\_ Depth \_\_\_\_\_ Length \_\_\_\_\_ Depth \_\_\_\_\_

Cabinet Height \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_ Height \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_

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**Proposed room changes from original layout and design (i.e. flooring, light fixtures, appliances, wall surfaces, counter tops, cabinets, furniture, etc.). Any change you are proposing must be realistic and have a price located from a reputable supplier. If you have construction changes, you must include an estimate on any demolition and new construction**

**Original Design item**

**New Item – Store-Price/unit**

1. \_\_\_\_\_ / \_\_\_\_\_

2. \_\_\_\_\_ / \_\_\_\_\_

3. \_\_\_\_\_ / \_\_\_\_\_

4. \_\_\_\_\_ / \_\_\_\_\_

5. \_\_\_\_\_ / \_\_\_\_\_

6. \_\_\_\_\_ / \_\_\_\_\_

7. \_\_\_\_\_ / \_\_\_\_\_

8. \_\_\_\_\_ / \_\_\_\_\_

9. \_\_\_\_\_ / \_\_\_\_\_

10. \_\_\_\_\_ / \_\_\_\_\_

**Notes:**

