



“A Home and a Workplace” 2020-2021



Interior Design Scenario

Written by professional members of the
Interior Design Educators Council (IDEC)

Client Bio: John Smith is a project manager with a computer company and his fiancée Michelle is a marketing manager at the same company. They are in their late 30’s and are getting married in October. They will be combining households and each of them currently also uses their homes for a teleworking space. John has a 14-year-old son, David, who will be living with them. As Michelle moves in, John has asked you to redesign his existing home to make Michelle feel welcome and create spaces for each of them to work as well as get away from work when they are home.

This one-story house is in a suburban neighborhood in Portland, Oregon. John and Michelle each like specific artists in terms of colors and styles. They have provided you with two artists to research and select a print/sculpture from each to include in the home.

Michelle likes the art of Walter Anderson, especially his nature themed watercolors. *Iris* (circa 1960) is a good example of one of her favorites. John likes the kinetic art of David C. Roy, especially the *Infinity* (2018) wall sculpture. They would like to have similar pieces located in their work areas or living spaces. These can help determine design styles, colors and textures.



Left: *Iris*, Walter Anderson



Right: *Infinity*, David C Roy

Scope of Project: Revising the provided house plan and lot, the student designer will:

1. Layout and furniture to provide living, working, cooking and eating spaces.
2. Make sure everyone has a semi-private place to telework as needed (including David)
3. The couple would like to redesign the Master Bedroom/Bathroom and Closets to provide a larger vanity with two sinks.

The clients have requested that if necessary, all interior walls may be removed. The only load bearing walls are the exterior walls. The footprint of the original house, location of existing exterior doors, and windows will remain in place. The client has provided an existing floor plan and dimensioned plans.

The Interior Space:

- **Architectural Details:** The windows are 30" AFF (above finished floor). The width of the windows is 36, double hung windows with divide lights. The head height of the windows is 6'-8" AFF.
- **Built-ins:** In order to maximize the use of the space, they clients are interested in providing built-ins or multifunctional pieces that can serve dual purposes. This might include a built-in buffet in the dining room that could also function as a telework desk.
- **Budget Purchases:** The clients are now interested in purchasing reasonably priced new furnishings as well as used furnishings from consignment stores, Goodwill, Habitat for Humanity and other recycled products.

Kitchen and Bath: The kitchen is currently acceptable, but some redesign would be ok if it helped maximize the space usage. The clients would like an updated Master Bathroom. A reliable source for clearances is the NKBA Planning Guide (Kitchen 8 & 9). NKBA provides appropriate seating and traffic clearances for all eating areas. The NKBA Planning Guidelines are available on the STAR Events Resources page on the National FCCLA website. To order the complete set of NKBA Kitchen and Bath Planning Guidelines call Customer Service at 1.800.The.NKBA (800.843.6522).

Design Research:

- Research information the artists for a design style direction
- Research spaces like tiny houses for ways to make the space as multi-functional as possible
- Interior should have a coordinated aesthetic through the use of materials and design elements.
- Maximize daylight to create a bright natural, healthy feel in the interior spaces.
- The use of plants to provide a healthy environment is preferred
- The useable space must be maximized by minimizing hallways.

Design "Deliverables" (documents):

1. A maximum of three (3) 20"x30" boards should be prepared to meet the following design requirements.
 - a. **Project Objectives** – List the top three objectives for the project and include how they are being addressed (in bullet form, minimum 18-point font)
 - b. **Floor Plan (with Furniture)**- A Develop a floor plan that is drawn to a consistent $\frac{1}{4}'' = 1'$ scale with rooms labeled correctly, all architectural features indicated appropriately, and furniture arrangement displayed. Floor plans may be hand drawn or computer generated. Using correct scale is very important in order to understand measurements of areas where dimensions aren't given, (i.e. furniture sizes)
 - c. **Rendered Elevation or 3D drawing** - A rendered (with color) 2-D elevation or 3D perspective showing the living area to include one of the teleworking spaces. The drawing should include the architectural details, all furnishings, fixtures and accessories. ($\frac{1}{2}'' = 1'0''$ for elevation, no scale for 3D perspective)
 - d. **Images of Furnishings, Accessories and Lighting** – Select images furnishings, accessories and lighting to indicate the interior style being recommended to the clients.
 - e. **Finishes** - Samples should represent the actual products, materials and selected for interior space and are to appear on the sample boards. Actual samples are not required, but may be included. Please don't include heavy or breakable samples.
 - f. **Labels and craftsmanship**- Make sure to label everything on your boards. A client will look at your design boards

for clarity and neatness.

- Client Invoice** - The clients have not established a budget at this time but would like the student designer to make reasonable recommendations. Create a budget for five different furnishings and/or lighting products that have been specified for the space as shown on the sample board. Also include the time involved for selecting the furnishings/lighting. As a student designer your billable rate is \$50 per hour. Labor costs, installation, or shipping and handling fees will be billed at a rate of 10%. Calculate tax based on your state's current tax percentage. Taxes will be calculated on furnishings and lighting. Billable hours are a service and are not taxed. A sample invoice template can be found in the FCCLA Adviser Portal and Student Portal.

INDUSTRY RESOURCES:

Industry resources available to designers may provide the opportunity to obtain materials not available to the average consumer. Below are a few resources; there are many more to be discovered online.

Walter Andersen (Artist) Gallery Website

<https://www.walterandersonmuseum.org/collection>

Roy David (Artist) Website

<https://www.woodthatworks.com/wood-that-works-2010-2019>

Universal Design Resource

<http://www.universaldesignresource.com/>

<http://universaldesign.ie/What-is-Universal-Design/>

Human Centered Design

<https://www.humancentereddesign.org/resources/universal-design-housing>

Tiny Houses/Small Spaces

<https://learn.compactappliance.com/tiny-house-design-tips/>

<https://www.archdaily.com/891257/6-tips-for-designing-and-building-a-tiny-house>

<https://www.housebeautiful.com/home-remodeling/interior-designers/tips/g1454/small-space-design-ideas/?slide=11>

<https://www.architecturaldigest.com/story/decorating-small-spaces>

<https://www.apartmenttherapy.com/best-small-space-design-tricks-263681>

Telework

<https://www.owllabs.com/blog/home-office>

<https://www.virtualvocations.com/blog/telecommuting-survival/home-office-help/relaxing-home-office-design/>

Plumbing Fixtures and tile

kohler.com
annsacks.com
efaucets.com

Residential Furniture – Accessories – Lighting - Rugs

ballarddesigns.com
deringhall.com
onekingslane.com
restorationhardware.com

Millwork

designermillworks.com

Hardware

signaturehardware.com

Window Treatments

smithandnoble.com

Paint

benjaminmoore.com
sherwinwilliams.com

Wallcovering

yorkwall.com

Office Furniture

gunlocke.com
hermanmiller.com
steelcase.com

Contract Fabrics

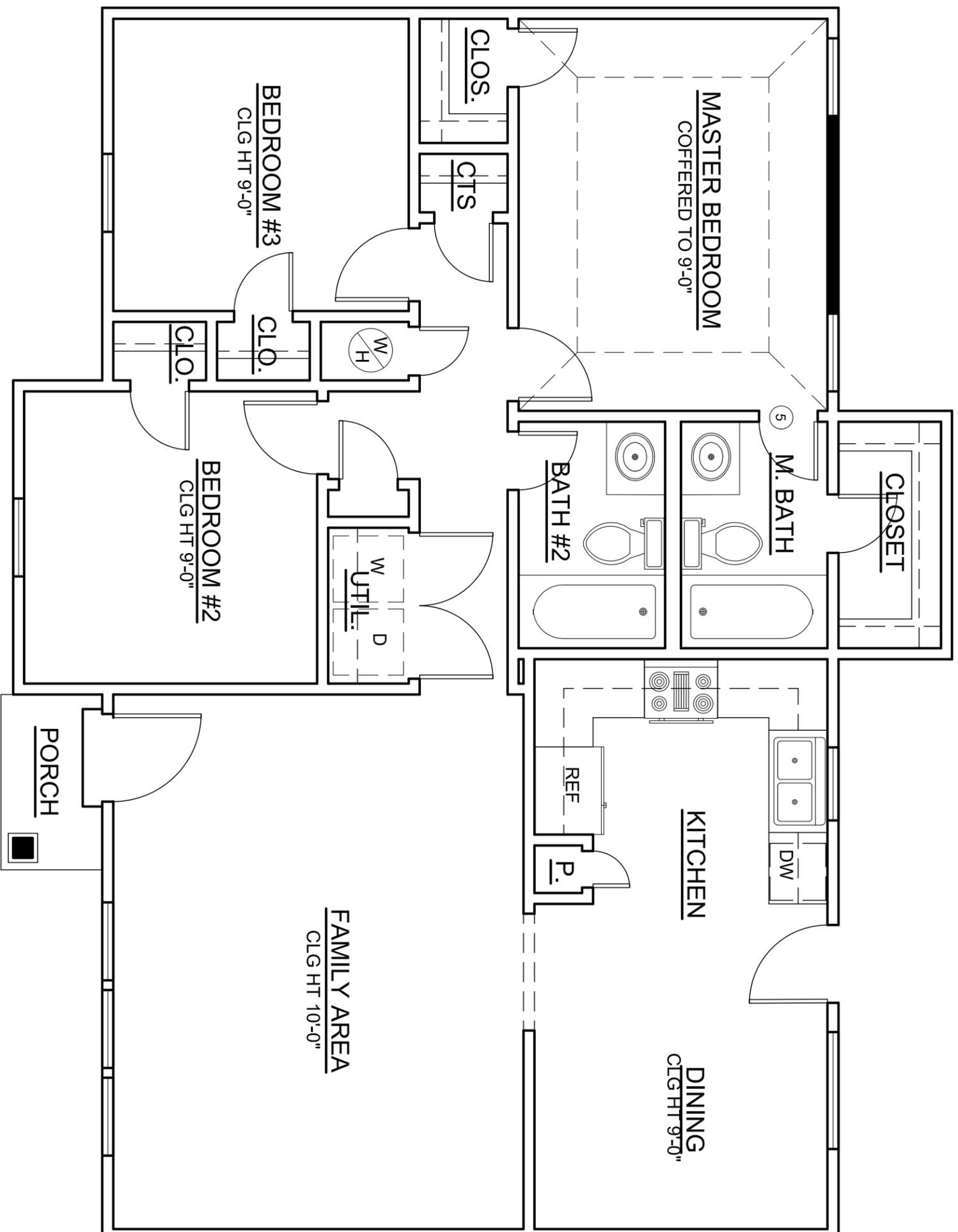
robertallendesign.com/contract
kravetcontract.com
designtex.com

Flooring

Daltile.com
Armstrong.com
mohawkgroup.com
millikencarpet.com

Cabinetry

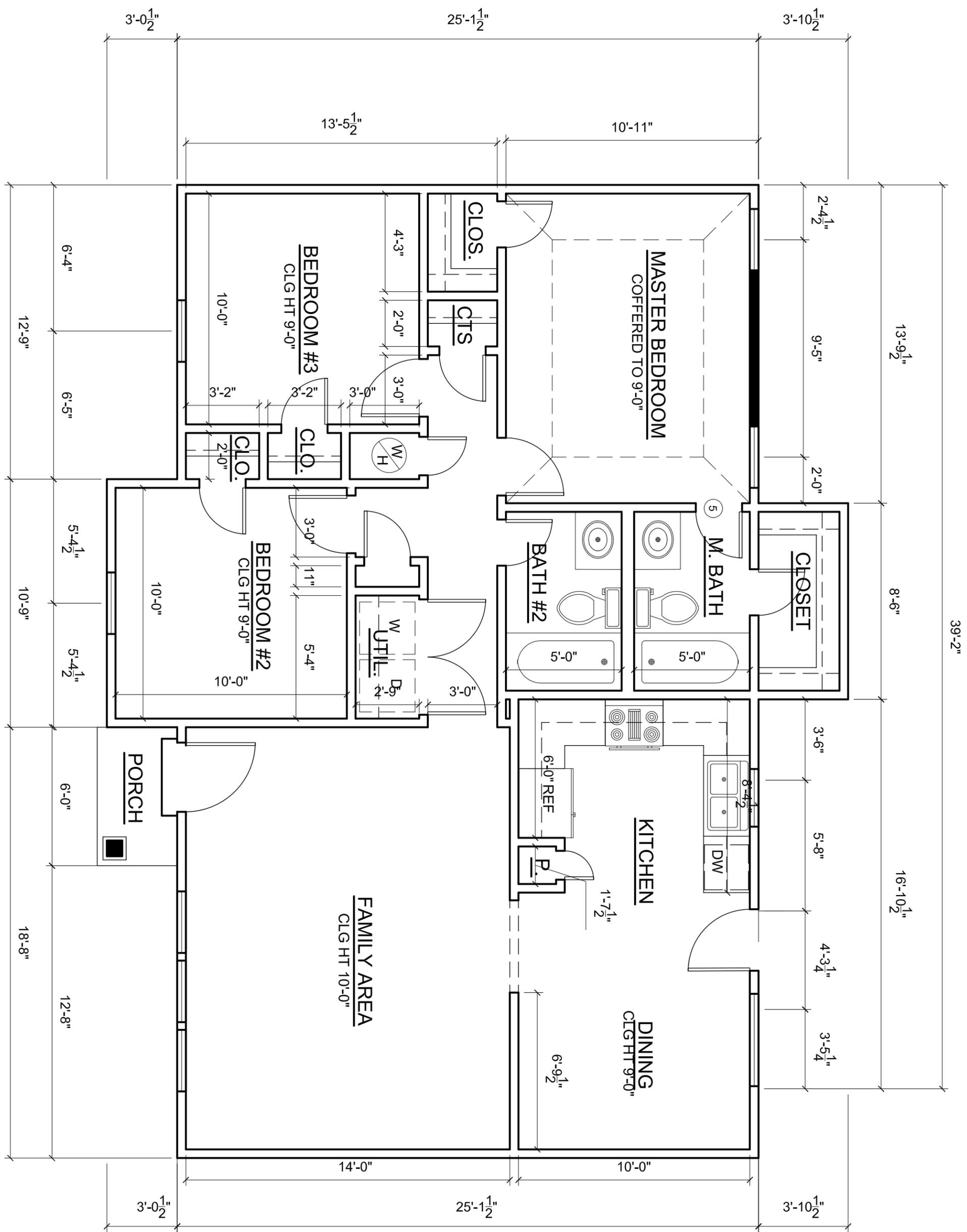
kraftmaid.com
wood-mode.com



2020-2021 FCCLA COMPETITION
 INTERIOR DESIGN SCENERIO

FLOOR
 PLAN

SCALE
 1/4"=1'-0"



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 INTERIOR DESIGN SCENERIO

DIMENSIONE
 PLAN
 SCALE
 1/4"=1'-0"