

GENERAL NOTES

Drawings are intended to be printed on 24"x36" (Arch D) paper. Printing these drawings at a different size will impact the scale. The Contractor, Owner and/or recipient of these Drawings shall be responsible for any errors resulting from incorrect copying or printing or any other alteration that causes a change of

General Contractor shall refer to all applicable construction procedures as provided in these Drawings or

Before performing any work or ordering any materials, the General Contractor and/or all Subcontractors shall be responsible for verifying all conditions, inclusions and dimensions of the work.

Written dimensions shall take precedence over scaled dimensions. Dimensions indicated are from finished wall surface to finished wall surface unless otherwise indicated.

codes, regulations and ordinances having jurisdiction.

Install all Manufacturer's items, materials and/or equipment in strict accordance with the Manufacturer's recommended instructions, methods and specifications.

The General Contractor must maintain a current, complete set of Construction Drawings at the site for review by Subcontractors and others on the Construction Site through all phases of construction.

Owner to coordinate with General Contractor for location of project materials staging, temporary office facilities, temporary restroom facilities, and/or temporary utilities for this project, if applicable.

Construction shall comply with the accessibility requirements, if applicable, per the Building Code and the Americans with Disabilities Act Accessibility Guidelines.

Size, placement and orientation of framing members on Engineered Structural Details override size, placement and orientation of framing members shown on the Construction Drawings.

Plumbing, Mechanical, and Electrical Contractors shall not penetrate or cut structural members without written authorization from a licensed Professional Structural Engineer and/or Architect.

Provide solid 2x wood blocking within wood stud walls at the anchorage locations of cabinets, door stops, toilet room accessories, mantels, ADA Handbars, TV stands or any other wall anchorage point. Anchorage through gypsum board on new walls is not acceptable.

Contractor to obtain any and all required Building Construction Permits associated with the work included in these Construction Drawings.

Contractor, Subcontractors and Owner to verify that site conditions are similar to the plans. Any discrepancies that arise from varying site conditions shall be reported to the Owner and Designer prior to construction. Contractor, Subcontractor and/or Owner assumes all liability for construction of project and results of construction using Construction Drawings.

DESIGN CRITERIA

CODE: **BUILDING TYPE:** LOADS:

2012 International Residential Code (2012 IRC) Light Framed Wood, Single-Family Residential Structure

32 PSF Floor-Live Loads:

Dead Loads:

First Floor & Stairs-100 PSF 50 PSF Second Floor-80 PSF Second Floor Corridors-Snow Loads: Ground Snow Load (Pg)-15 PSF 15 PSF Roof Snow Load (Ps)-

Snow Roof Slope Factor (Cs)-1.0 Importance Factor (Is)-Wind Loads: (ASCE 7-05) Basic Wind Speed (3 sec gusts)-100 MPH Exposure-

Seismic Load: (ASCE 7-05) Importance Factor (le)-1.0 Seismic Use Group-II - Normal 0.128 0.071

Design Spectral Response (Sd1)-0.114 Seismic Design Category-Basic Seismic Force Resisting System-Light Framed Walls w/ Shear Panels Seismic Response Modification Factor (R)-

1.0

0.137

2,500 PSI 25,000 PSI

Equivalent Lateral Force

FIRE SPRINKLER:

Undisturbed Earth-Bedrock-

FIRE ALARM SYSTEM: Yes

Analysis Procedure Used-

Importance Factor (Iw)-

Seismic Soil Profile Type-

Design Spectral Response (Sda)-

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GreenLeaf Designs, LLC

Tulsa, OK

918-524-9721

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COVER SHEET

Sheet:

CONTENTS:

Cover Sheet Site Plan Main Level Floor Plan Second Level Floor Plan

Building Elevations Building Elevations

Building Cut-through Kitchen Elevations Bathroom Elevations

Interior Elevations Roof & Ceiling Plan A.11: Building Sections A.12: Framing Plan A.13: Framing Plan

A.14: Shear Wall Details A.15: Framing Details A.16: Framing Details A.17: Framing Details

A.18: Stair/Railing Details

Mechanical Plan Mechanical Plan

Foundation Plan

Electrical Plan

Electrical Plan

Foundation Details

Foundation Details

2012 International Residential Code (IRC 2012)

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UTILITY LOCATE

Prior to excavation Contractor to schedule a utility locate.

Okie Dig Phone number:

811 or 1-800-522-OKIE (6543)

EROSION CONTROL NOTES:Install silt fence prior to any excavation or construction.

excavation limits.
- All exposed soil shall be mulched with straw or wood chips to minimize soil erosion. No soil shall be

- Minimize site disturbance by tight control of

left in an exposed condition. It is recommended that the contractor maintain a stock pile of this material on site for quick application.

- Hydroseed with a wood cellulose fiber mulch

applied at a rate of 2,000#/acre. Use an organic tackifier at no less than 150 #/acre or per manufacture's recommendation if higher. Application of tackifier shall be heavier at edges, in valleys and at crests of banks and other areas where seed can be moved by wind or water.

 Dispersion trenches shall overflow onto native undisturbed ground. No site disturbance below trenches.

GRADING NOTES:

- Contractor to verify location of all existing utilities.Provide positive drainage away from building.
- Final grade to convey surface drainage toward
- rock channels and dispersion trenches.
- Areas to be filled shall be cleared, grubbed to remove trees, vegetation, roots and other objectionable material and stripped of topsoil.
 Place fill slopes with a gradient steeper that 3:1 in

- Place fill slopes with a gradient steeper that 3:1 in lifts not to exceed 8 inches, and make sure each lift is properly compacted.

SHEET NOTES:

- Final grade to slope 6" per 10'-0" away from the house for the first 10'-0".
- All concrete pads to slope at 5% or 2" per 1'-0" away from building.
 General Contractor responsible for all utility locates
- General Contractor responsible for all utility locates and subsurface utility engineering for this project.
 General Contractor responsible for contacting Site Wise prior to digging for utility locate service. Call 811 or 1-800-522-6543
- General Contractor to immediately notify Site Wise if un-located utilities are encountered.
- 3/4" Domestic water line to be type 'K' copper.
 Drives and walks to be 4" concrete, minimum 3,000 psi at 28 days.
- The General Contractor shall be responsible for repairing any trenches or excavations that settle for a minimum of 1 year.
- The General Contractor shall prevent sediment, debris and all other pollutants from entering the storm sewer system during all construction operations.



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CUSTOM HOME SAMPLE PLANS

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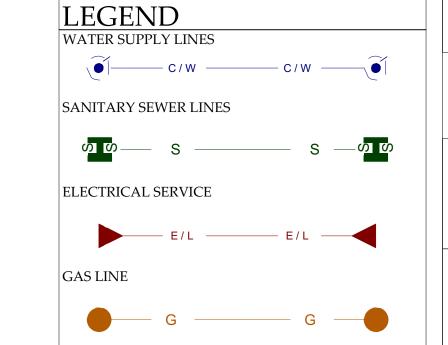
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SITE PLAN

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PROJECT NOTES:

Foundation

- Perimeter Footing: 24"x21" cont. min. 3,500 psi @28 days
- Interior Footing: 21"x18", min. 3,500 psi @ 28 days - Walk/Drive Footing: 12"x18" min. 2,500 psi @ 28 days
- Concrete Slab: 4" concrete slab, min. 3,000 psi @ 28 days - Drives/Walks: 4" concrete slab, min. 3,000 psi @ 28 days

Framing

- Exterior walls to be framed with 2"x6", 16" OC.
- Interior partition walls to be framed with 2"x4", 16" OC. - Floor Joist framing shall be 11-7/8" engineered TJI floor joists,
- Ceiling Joist framing to be 2"x8", 16" OC.

Exterior Veneer

- Wall Veneer: Hardie Siding / Masonry
- Fascia: 7-1/2" HardieTrim HZ10
- Soffit: 18" HardieSoffit vented HZ10
- Porch/Portico Ceiling: 4'x8' Hardie Soffit Beaded Porch Panels - Corner Boards: 1"x6" HardieTrim HZ10

Roofing

- Premium Lifetime Dimensional Architect Asphalt Shingle - Gutters to be 6" seamless metal gutters w/ downspouts.

- All electrical fixtures to be Energy Star rated when possible.
- All ceiling fans to be Energy Star rated. - All bath fans to be Energy Star rated.
- All recessed light fixtures to have LED bulbs and have dimmer controlled switches.
- All switches to be 'toggle' style.
- Undercabinet LED lighting to be installed in Kitchen, switch
- Install new security system, to be selected by Owner.

Plumbing/Mechanical

- Install new undermount sink in Kitchen, Bar and Baths.
- Install new adult height, elongated toilets/ - All bath fans to be ducted to exterior.
- New Geothermal HVAC System, 3-zones.
- Install new Aerobic septic system.
- Install new buried LP tank.

- Wall insulation to be min. R-20 Kraft faced batt insulation. - Rafter Insulation to be min R-38 Kraft faced batt insulation
- (vaulted ceilings only) - Ceiling Joist Insulation to be min. R-38 Kraft-faced batt insulation.
- Floor Joist insulation to be a min R-30 Kraft faced batt insulation. (floors)

- Install 1/2" on new framed interior partition walls, to be screwed, mud, taped and textured.

- Install 5/8" Type-C ceiling rock on ceiling surfaces. mud, taped

- Install 1/2" moisture board in shower area.
- Install 5/8" Type-X fire rock on Garage, Utility and under stair wall and ceiling surfaces.
- All corners to be 'radius' edging.
- Drywall to wrap to windows.
- All walls and ceilings to have 'knockdown' texture. - All drywall to be installed with 1-1/4" fine thread screws, no nails

to be permitted.

Flooring - Install tile flooring in all Baths, Kitchen, Laundry, Entry and Mud

- Install hardwood flooring in Master Bedroom, Loft, Study, Hall,

Dining and Living Rooms. Install carpet in Bedroom 2 and Bedroom 3.

Install hardwood treads and risers w/ carpet runner on all stair

- Utility Room and Garage areas to have unfinished concrete

- Install new Energy Star compliant, windows on all floors.
- Bedroom windows to meet egress requirements. - All windows to be sealed with minimum expansion foam.

- Install Energy Star compliant exterior Entry, Side and Rear
- Front, Side and Rear doors keyed alike. - All doors to be sealed with minimum expansion foam.
- Utility Room and Garage walk doors to be self-closing with
- spring loaded hinges.

- Install adult height (36") vanity cabinets in Master Bathroom and
- Bathrooms.

- Install standard height (32") vanity cabinets in Bedroom

- All cabinets to be installed as shown. - All cabinetry to have plywood boxes.
- Kitchen cabinetry to have crown molding and light rail moldings
- on upper cabinets. - Cabinets visible from upper level to have finished skin attached
- to top of upper cabinets.
- Built-in Cabinetry to have finished wood tops.

Countertops

- Install 3-cm granite with 6" backsplash, under-mount sink in all Kitchens and Baths.
- Install new Granite countertops in Laundry Room.
- Granite to have 'eased edge' edging.

PROJECT NOTES CONT:

Appliances

- All standard appliances to meet or exceed Energy Star standards when possible.
- Water Heater to be 50 Gallon, 12-year tanked heater.
- New Gas (LP) 20kW Backup Generator to be installed.
- All Garbage Disposals to be minimum 3/4 HP. - Appliances to be installed per Manufacturer's Installation Instructions.

Interior Millwork

- All base molding to be 5-1/2" paint grade wood.
- All casing to be 3-1/2" paint grade wood. - All Crown Molding (except cabinetry) to be 6" paint
- grade wood, basic style.
- Install paint-grade wood closet shelves w/ heavy duty hangar rods, as shown.
- Install new solid-core, paint grade interior doors
- throughout, as shown.
- Decorative beams to be stained cedar beams. - Fireplace mantle to be stain grade pine wood, basic pattern. See Fireplace Elevation.

- All Kitchens, Baths, Garages and Laundry rooms to be painted with semi-gloss paint. One coat primer, two coats
- All Living, Dining, Hall, Entry, Closet and Bedrooms to be painted with satin/eggshell paint. One coat primer, two
- All trim moldings and doors to be stained with gloss or semi-gloss stain. One coat primer, two coats paint. - All Exterior paint to be painted with semi-gloss paint.
- Three coats paint. 100% Acrylic
- All Exterior trim, metal railings and doors to be painted with gloss paint. Three coats paint. 100% Acrylic - All decks and wood railings to be stained and sealed

with deck sealer.

- Glazing - New tempered 3/8" heavy glass shower door with
- frameless hardware. - Install new beveled vanity mirror in Baths.
- Glass panels in interior doors and cabinets to be tempered.

Hardware

- Install new door hardware on all interior doors. - Install new towel bars, TP holders and other bath accessories in Bathrooms, fixture location to be verified
- with Owner. - Install new bronze solid brass HVAC registers.

- All wall lumber and posts shall be treated where comes in contact with concrete.
- No roof penetrations allowed on street facing roof planes. All roof penetrations to be located in rear of home where possible.
- Every bedroom shall be provided with an egress window with finish sill height not greater than 42" above the finish floor height and shall have a minimum openable area of 5.7 sq. Ft. (5.0 sq. ft. on
- Doors between Garage and living area shall be 1-3/ 4" tight fitting solid core doors with a rating of 60 minutes. Door shall be self-closing.
- Exterior exit doors to be 36" min.

LIVING AREA 2,564 S.F. Main Level Area: Second Level Area: 1,846 S.F. Utility Room Area: 40 S.F.

Garage Area:	1,027 S.F.
Covered Porch Area:	1,069 S.F.
Total H/C Area:	4,410 S.F.
Total Area:	6,546 S.F.

Contractor, Owner and/or Subcontractors review and verify all dimensions, Specs, and connections before Construction

Electrical system code: sec.2701 Mechanical system code: sec.2801 Plumbing system code: sec.2901

G

- 17'-2 1/2" ·

PORCH 38'-9" × 14'-9"

387 sq # 01

LIVING

20'-2" × 19'-9"

422 sq ft

HALL

21'-7" × 4'-2"

63'-0" × 16'-3" 682 sq ft

13'-6" × 15'-11"

89 sq ft

MASTER BDRM

16'-2" × 18'-10"

305 sq ft

= 6'-1" × 6'-2" <u>37 sq ft</u>

17'-11" × 13'-2"

3 205 sq ft

CLOSET

9'-4" × 9'-1"

8**5** sq ft

32'-6"

TRACKING ROOM

19'-2" × 15'-2" 315 sq ft

CONTROL ROOM

LOUNGE

14'-10" × 15'-0"

222 sq ft

5'-2" × 5'-4"

ENTRY 16'-11" × 15'-0"

GARAGE 28'-7" × 41'-0" 1027 sq ft

-2" × 30'-1'

191 sa ft

3'-|1*0"* * 1**5**|-|1

57 sq ft

KITCHEN

DINING

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Title: MAIN LEVEL FLOOR PLAN Sheet:

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Main Level Floor Plan

Scale: 1/8"=1'

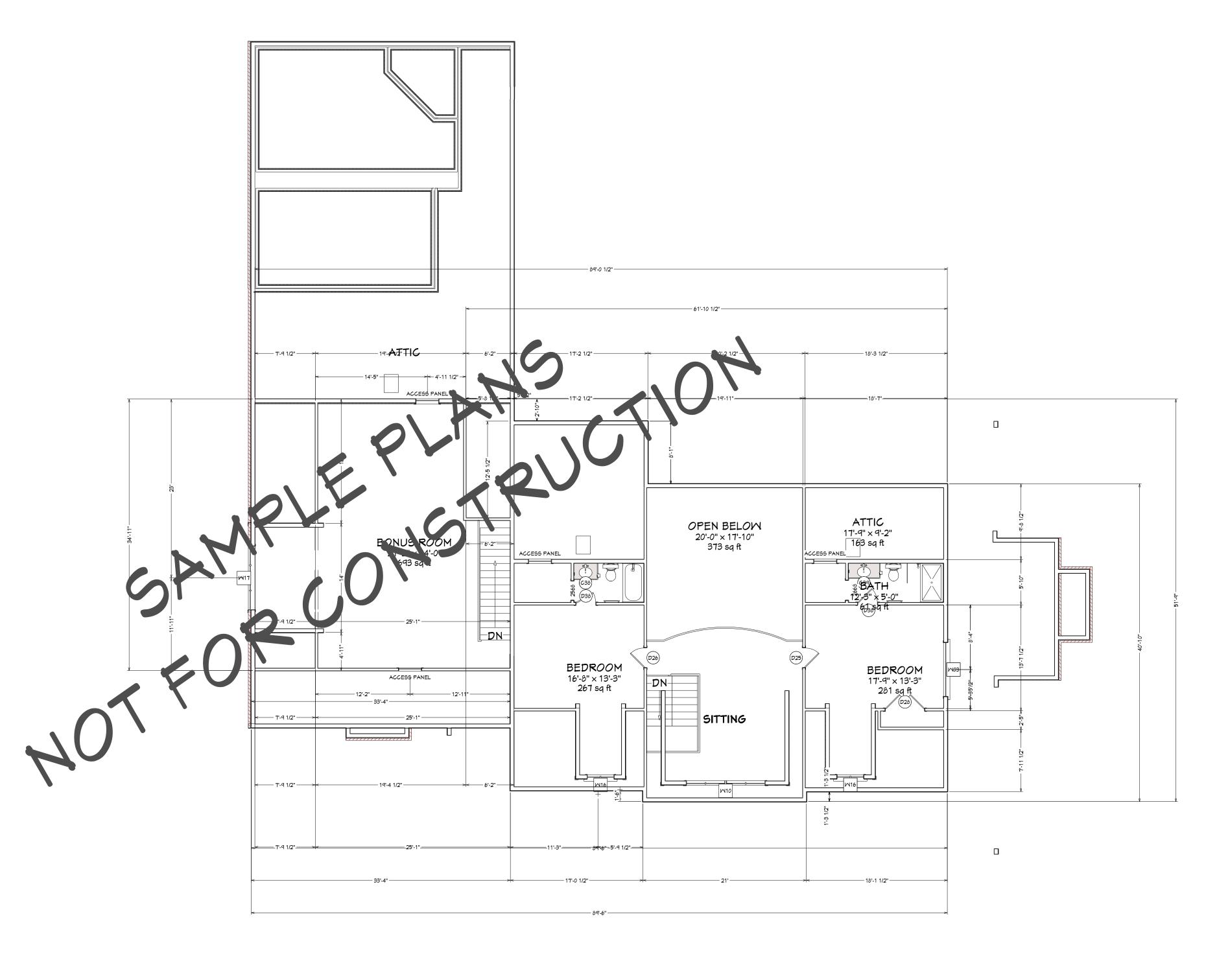
2012 International Residential Code (IRC 2012)











Second Level Floor Plan Scale: 1/8"=1'

SHEET NOTES:

 All wall lumber and posts shall be treated where comes in contact with concrete.

- No roof penetrations allowed on street facing roof planes. All roof penetrations to be located in rear of home where possible.

- Every bedroom shall be provided with an egress window with finish sill height not greater than 42" above the finish floor height and shall have a minimum openable area of 5.7 sq. Ft. (5.0 sq. ft. on first level).

- Doors between Garage and living area shall be 1-3/4" tight fitting solid core doors with a rating of 60 minutes. Door shall be self-closing.

- Exterior exit doors to be 36" min.



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CUSTOM HOMES A MPI F PI A NE

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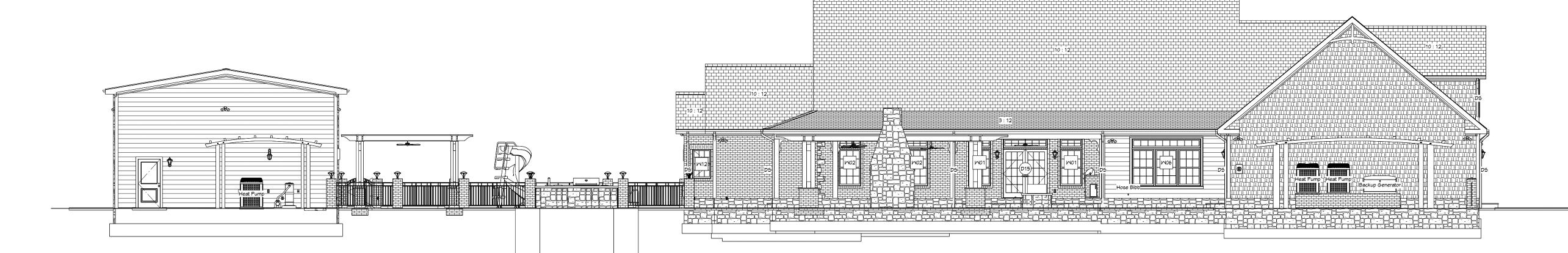


EXTERIOR FINISH NOTES:

- Exterior finish to be siding and masonry over 7/16 OSB ply. Window & door trim color by owner.
- Roofing to be dimensional asphalt over 30# felt, 7/16"
- Deck to be treated 5/4. Railing to be painted steel. - Downspouts to collect roof run off to be directed away
- Finish grade shall slope away from structure min. 1/2" per 1'-0" of run for first 10'.

ROOFING NOTES:

Main Roof: 10:12 Porch Roof: 3:12 Gutters: 5" (6" ok) Seamless Metal Gutters Roofing: Dimensional Architect Asphalt Shingle Roof Overhang to be 18" Gables and 18" Eaves



EL2 East Elevation

A.4 Scale: 1/8" = 1'

Scale: 1/8" = 1'

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EXTERIOR FINISH NOTES:

per 1'-0" of run for first 10'.

from structure.

ROOFING NOTES:

Main Roof: 10:12 Porch Roof: 3:12

ply. Window & door trim color by owner.

Gutters: 5" (6" ok) Seamless Metal Gutters

Roofing: Dimensional Architect Asphalt Shingle Roof Overhang to be 18" Gables and 18" Eaves

- Exterior finish to be siding and masonry over 7/16 OSB

- Roofing to be dimensional asphalt over 30# felt, 7/16"

- Finish grade shall slope away from structure min. 1/2"

- Deck to be treated 5/4. Railing to be painted steel. - Downspouts to collect roof run off to be directed away



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<u>Title:</u> **EXTERIOR ELEVATIONS**

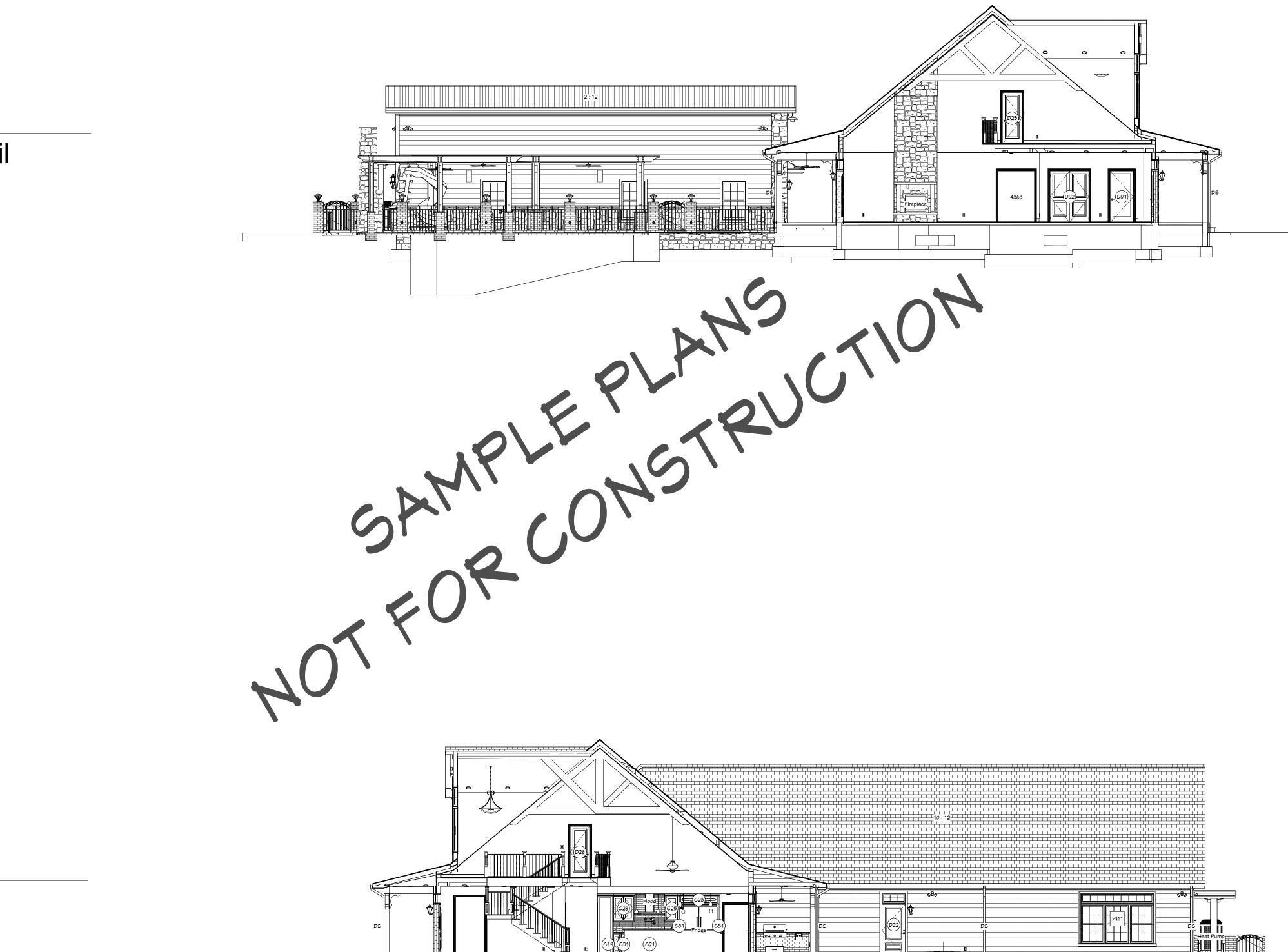
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South Elevation EL4 A.5

Scale: 1/8" = 1'





Cut-Through
Section Detail





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CUSTOM

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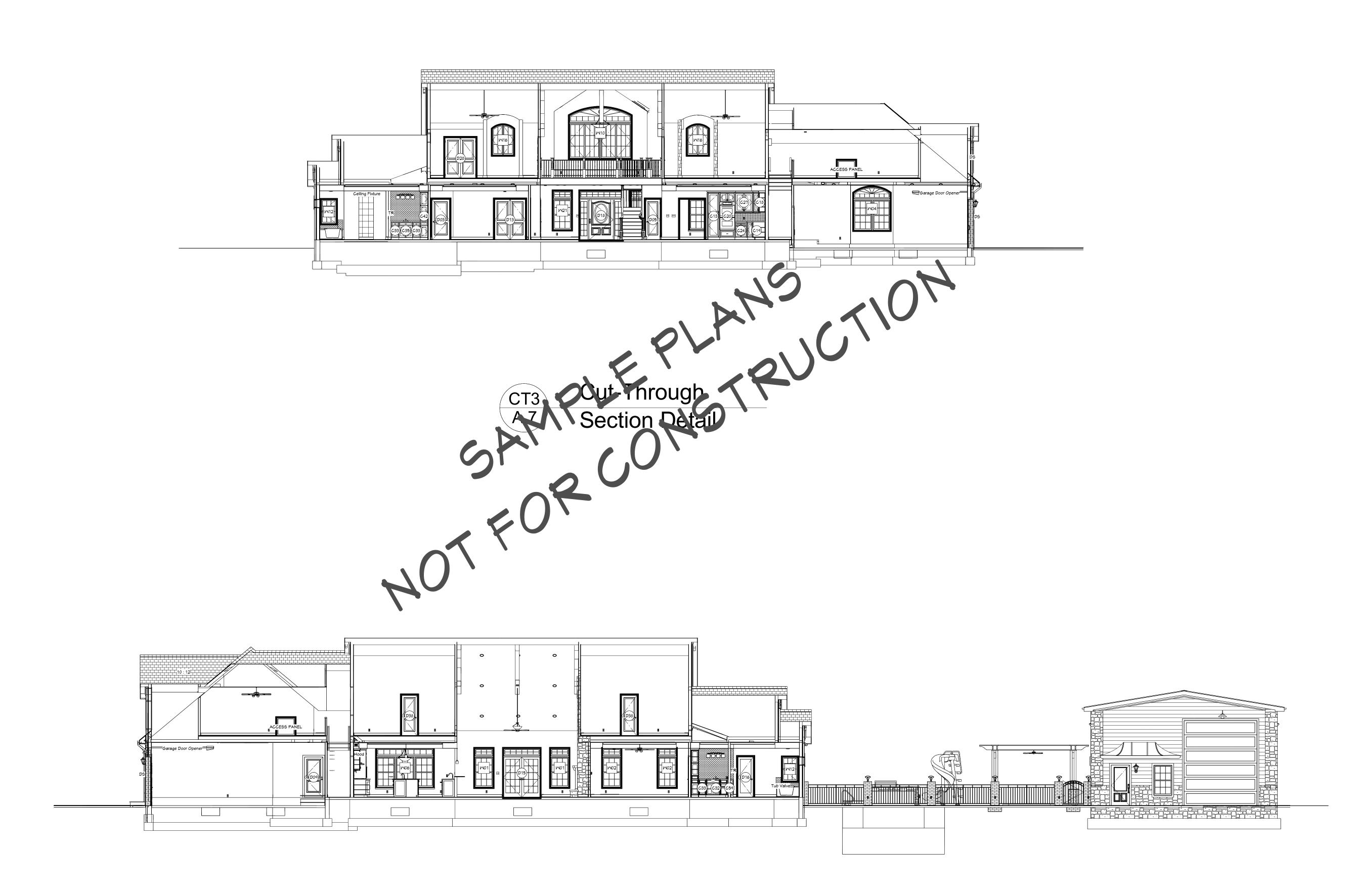
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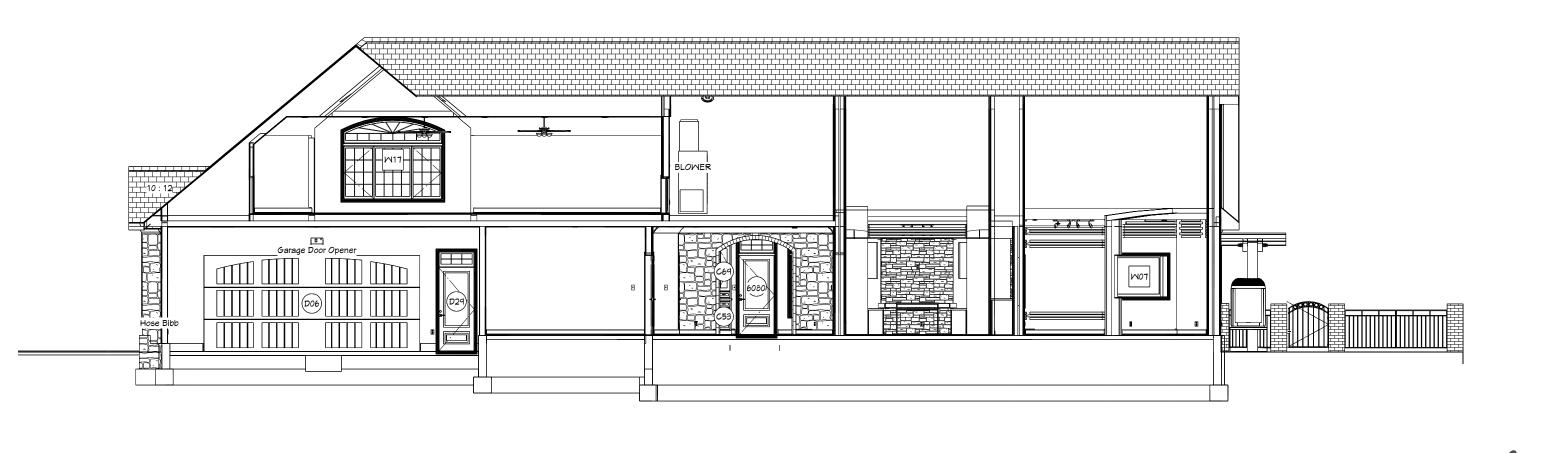
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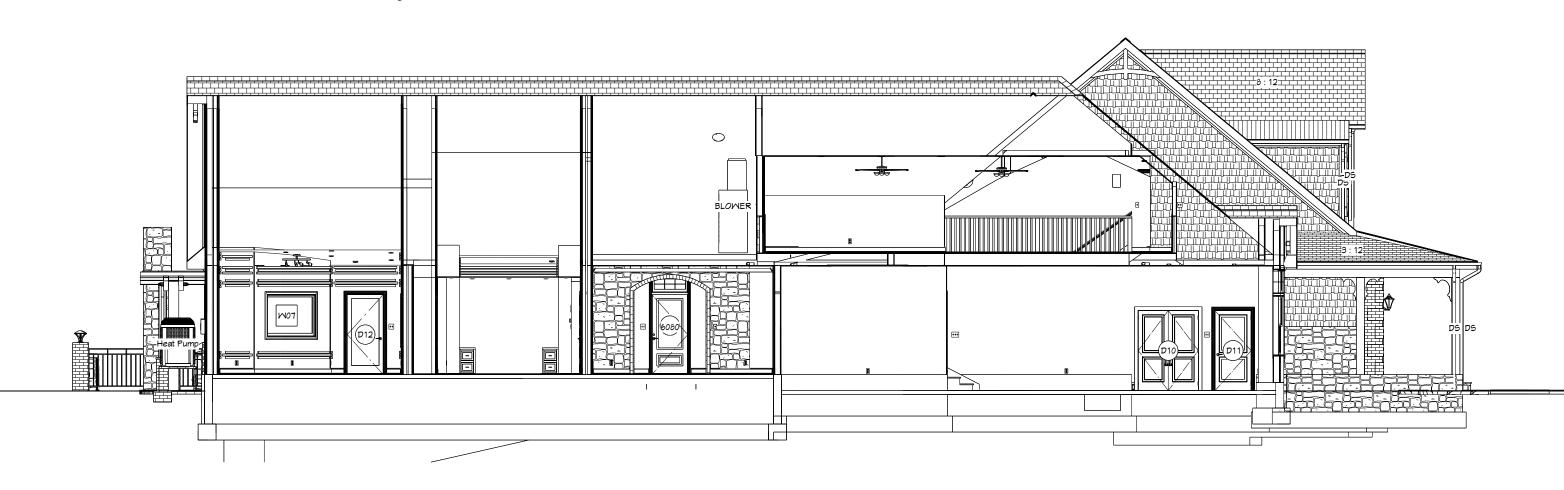
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CT4 A.7

Cut-Through Section Detail



CT5 Cut-Through
A.8 Section Detail



Ст6 Cut-Through
A.8 Section Detail



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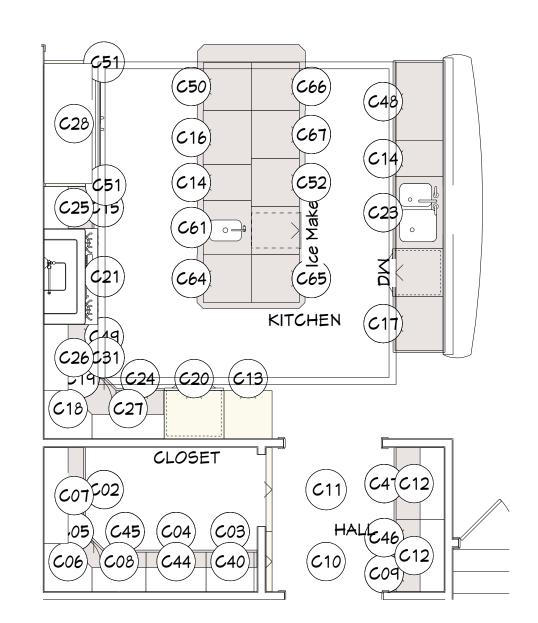
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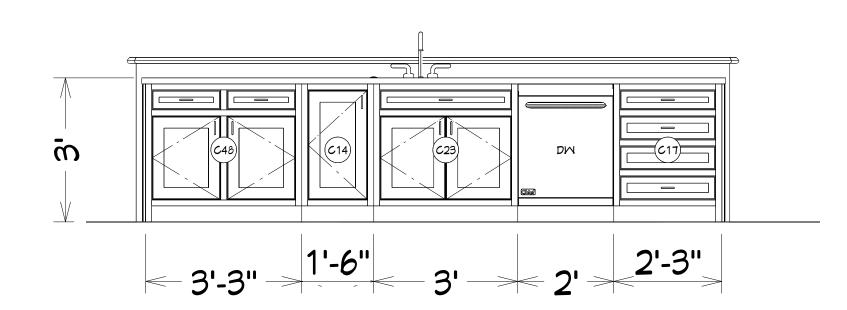
2012 International Residential Code (IRC 2012)



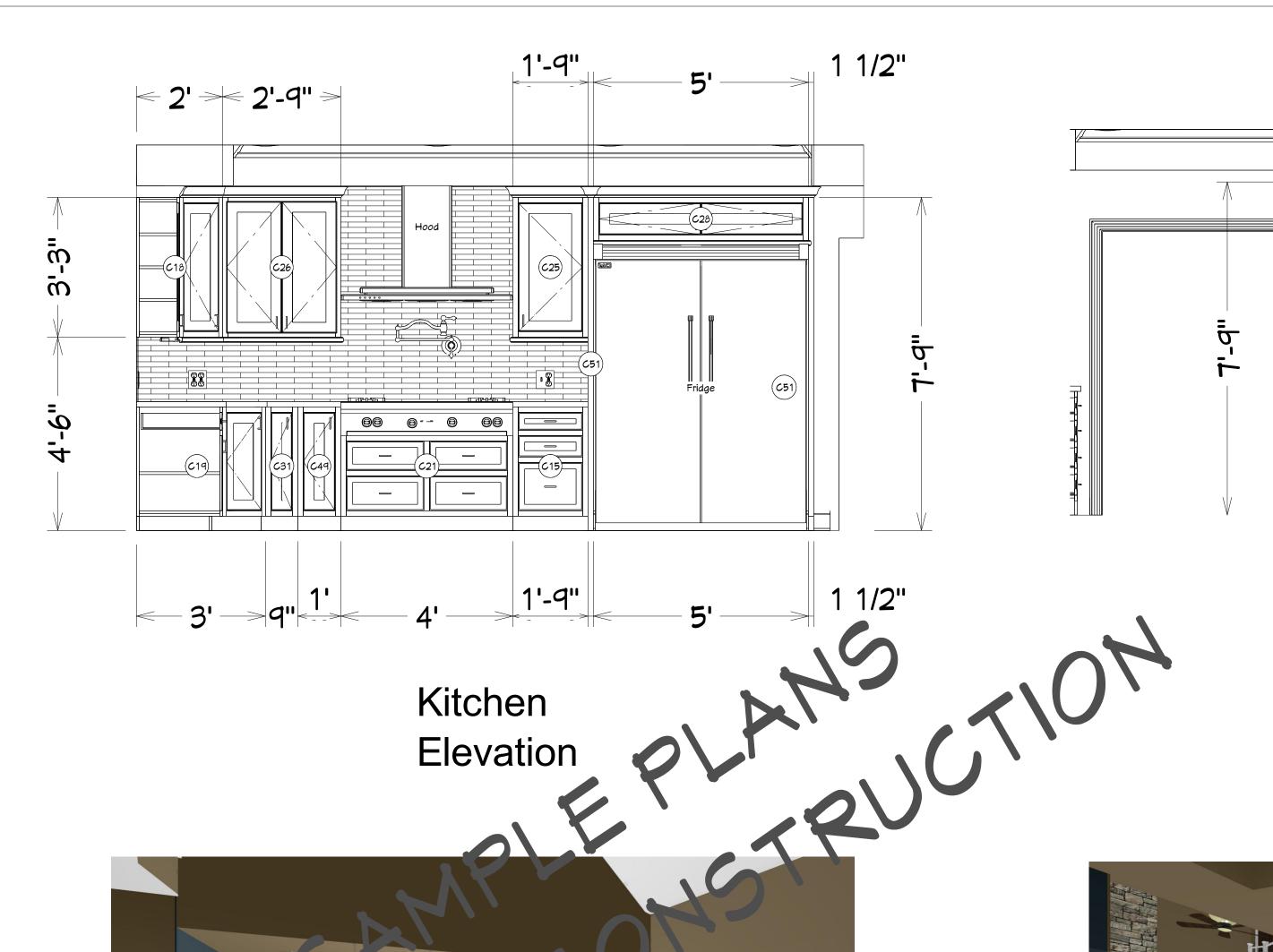
- Confirm cabinet color and species with Owner prior to
- Confirm cabinet door & drawer styles with Owner prior to
- Install cabinet door and drawer hardware on site.
- Cut all cabinet openings on site, see manufacturer appliance
- Trim Moldings include: 3" Crown Molding, 1-1/2" Light Rail, 3/4" Scribe, 4" Toe-kick moldings.
- Install moldings on site; match cabinet color; confirm profile
- and dimension with Owner. - Confirm final materials for backsplash and countertop with
- Owner prior to ordering.
- Install all appliances per Manufacturers Installation Instructions.



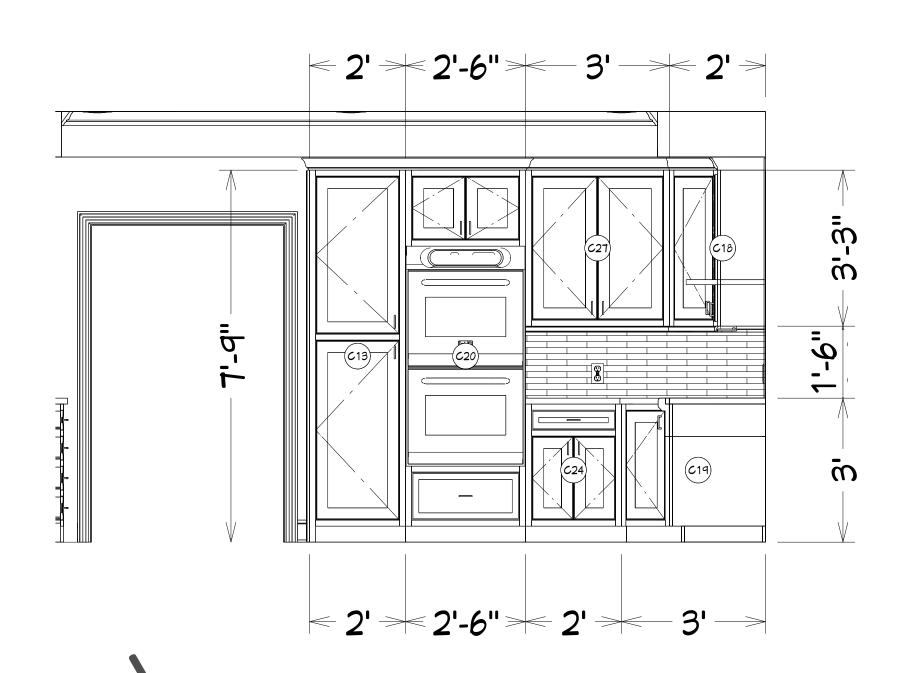
Kitchen Floorplan Scale: 1/4" = 1'



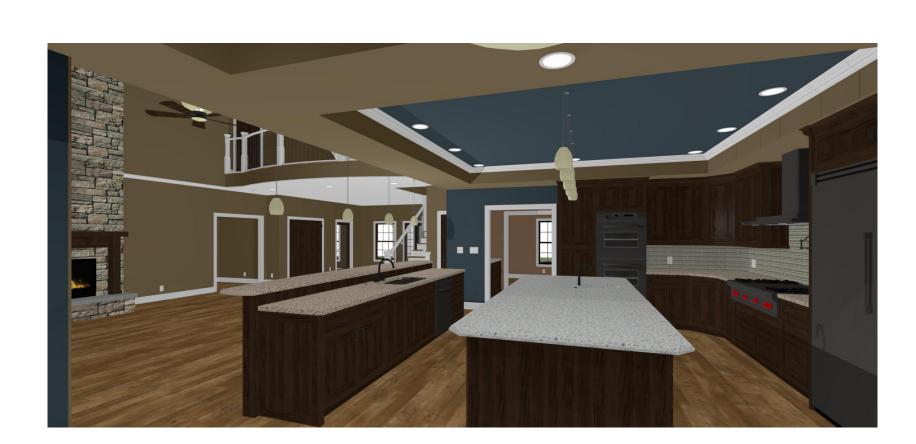
Kitchen Elevation

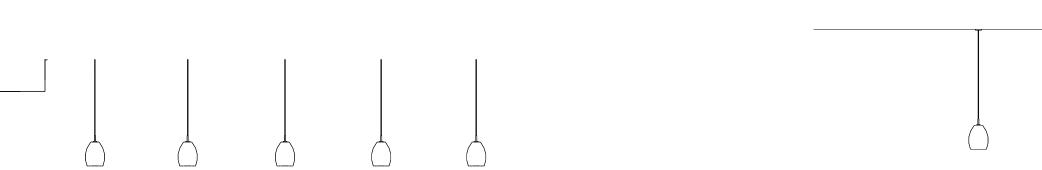


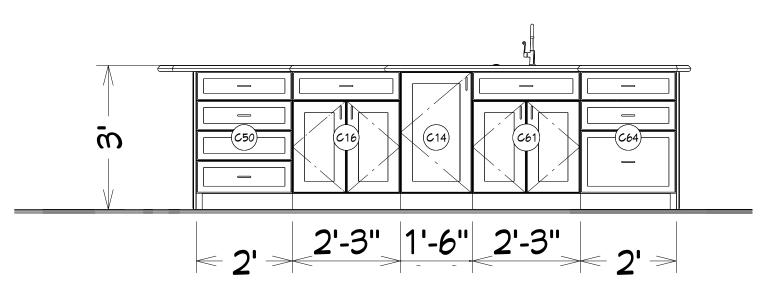
Kitchen Elevation



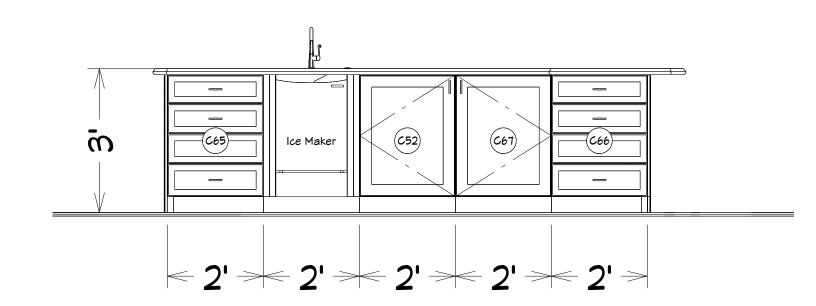
Kitchen Elevation







Island Elevation



Island Elevation



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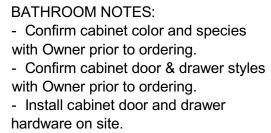
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<u>Title:</u> KITCHEN **ELEVATIONS** Sheet:

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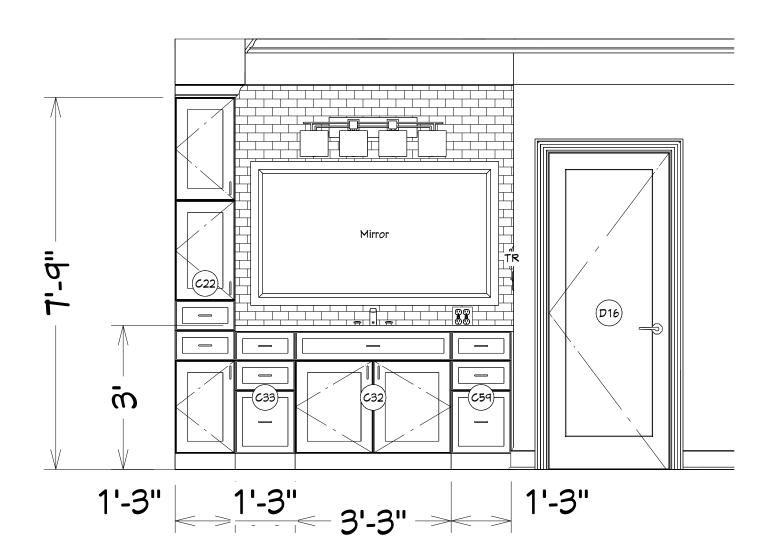


Cut all cabinet openings on site, see manufacturer appliance specifications.Trim Moldings include: 3" Crown

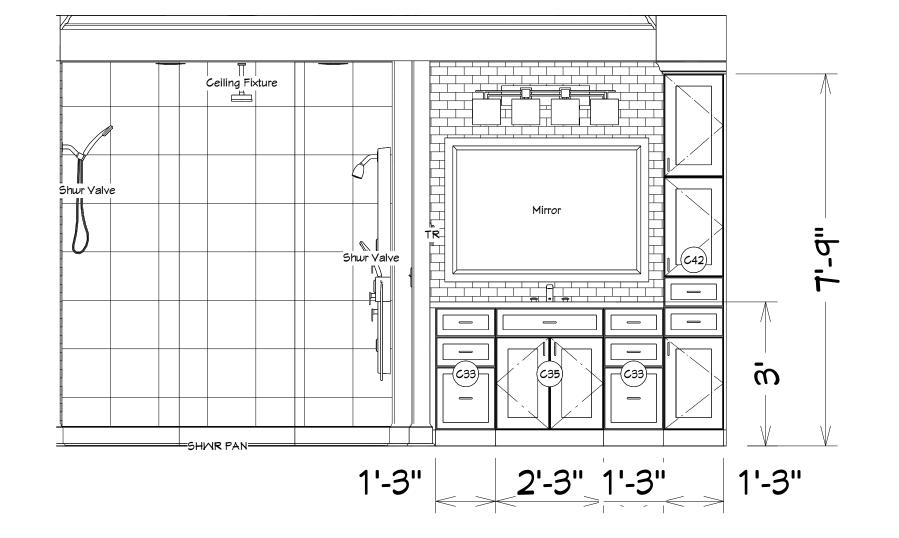
Molding, 3/4" Scribe, 4" Toe-kick moldings.

 Install moldings on site; match cabinet color; confirm profile and dimension with Owner.

- Confirm final materials for backsplash and countertop with Owner prior to ordering.



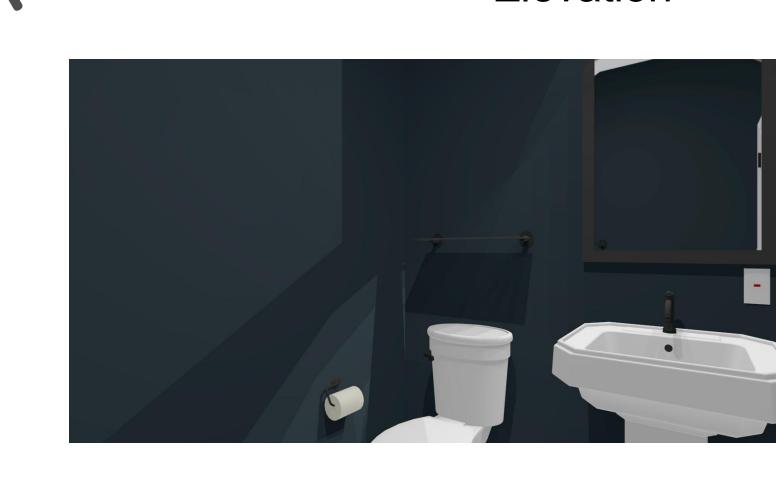
Master Bath Elevation

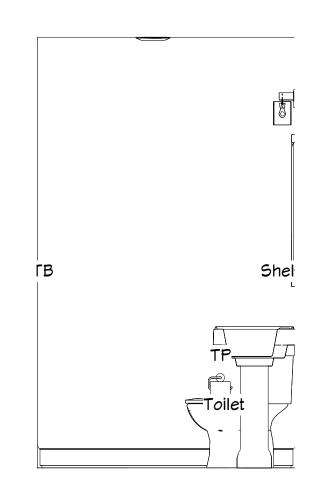


Tub Valve

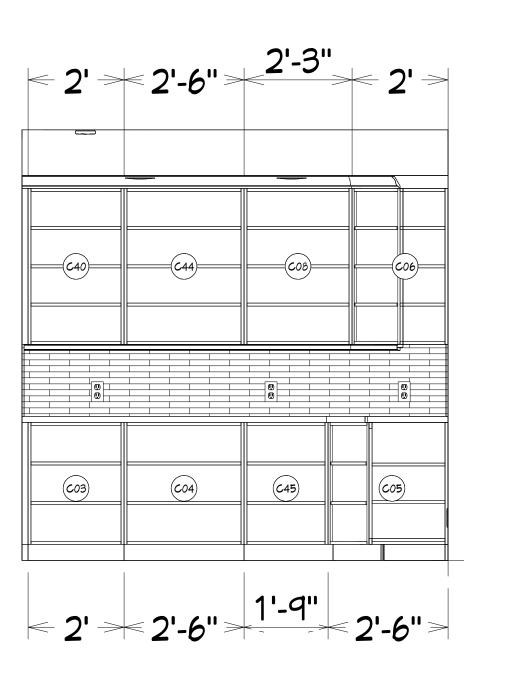
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Master Bath Elevation

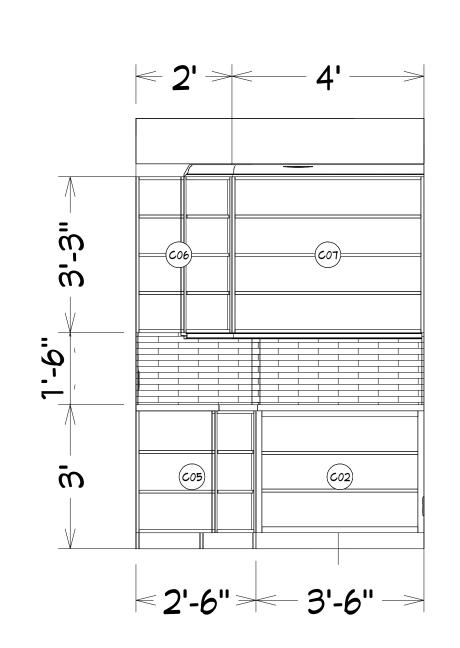




Hall Bath Elevation



Pantry Elevation



Pantry Elevation



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LAUNDRY & PANTRY NOTES:

- Confirm cabinet color and species with Owner prior to

- Confirm cabinet door & drawer styles with Owner prior to ordering.

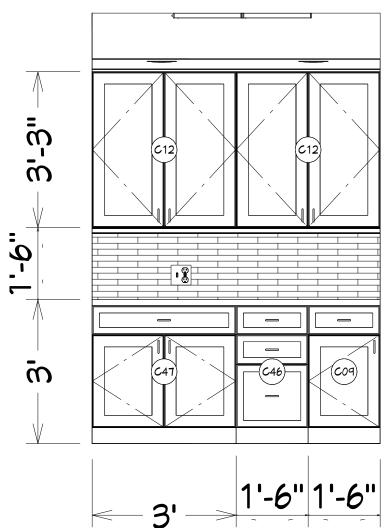
- Install cabinet door and drawer hardware on site. - Cut all cabinet openings on site, see manufacturer appliance

- Trim Moldings include: 3" Crown Molding, 3/4" Scribe, 4"

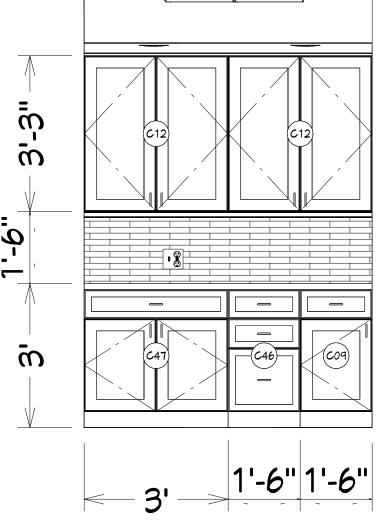
Toe-kick moldings.

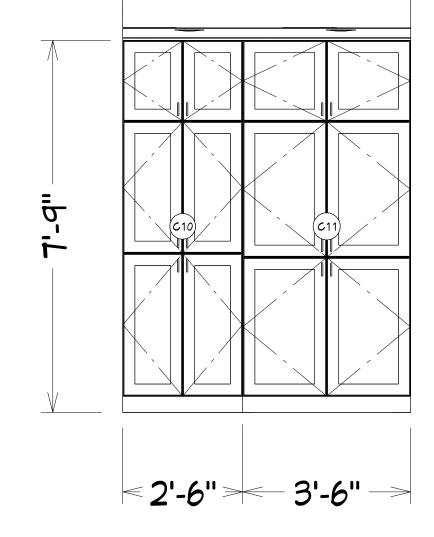
- Install moldings on site; match cabinet color; confirm profile and dimension with Owner.

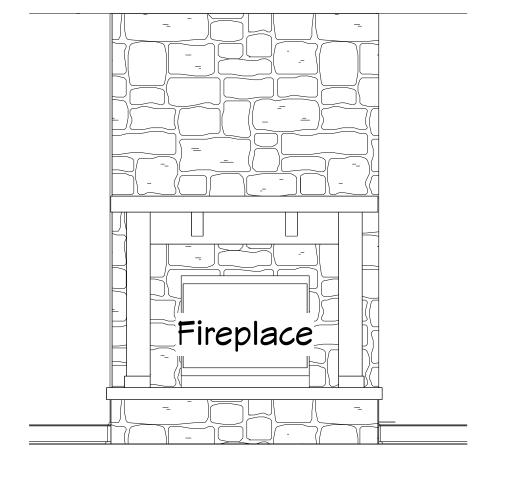
- Confirm final materials for backsplash and countertop with Owner prior to ordering.



Butler Pantry Elevation



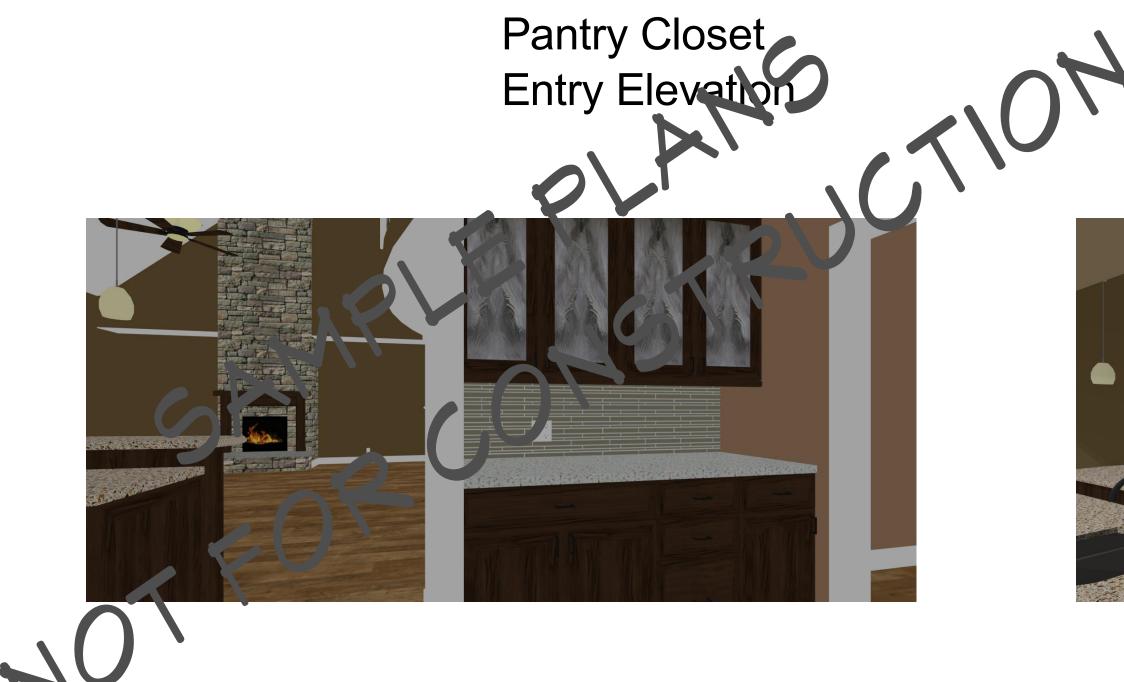




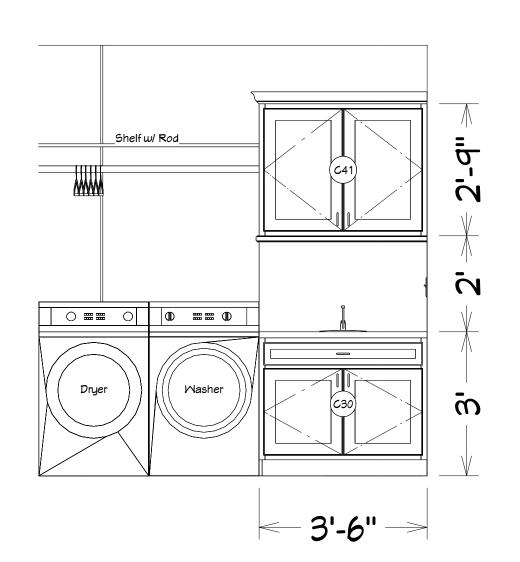
Fireplace Mantle Elevation



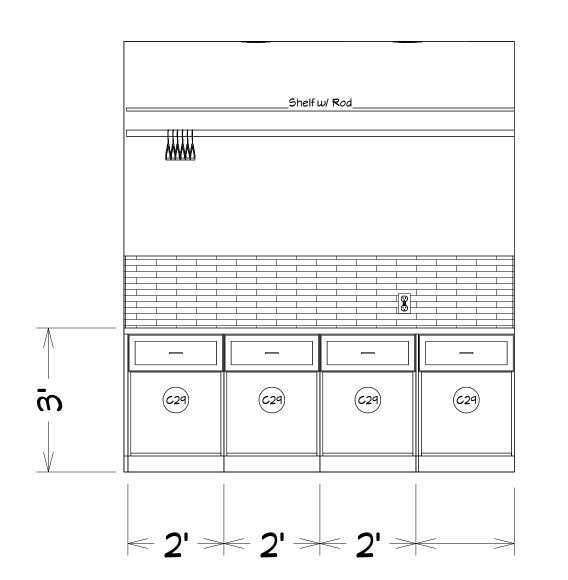




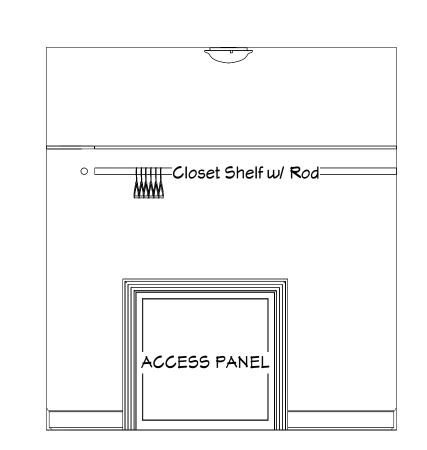




Laundry Elevation



Laundry Elevation



Closet Elevation



GreenLeaf Designs, LLC Tulsa, OK 918-524-9721

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CUSTOM

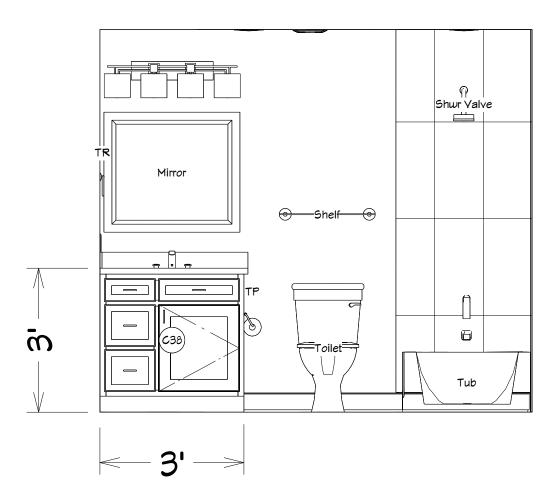
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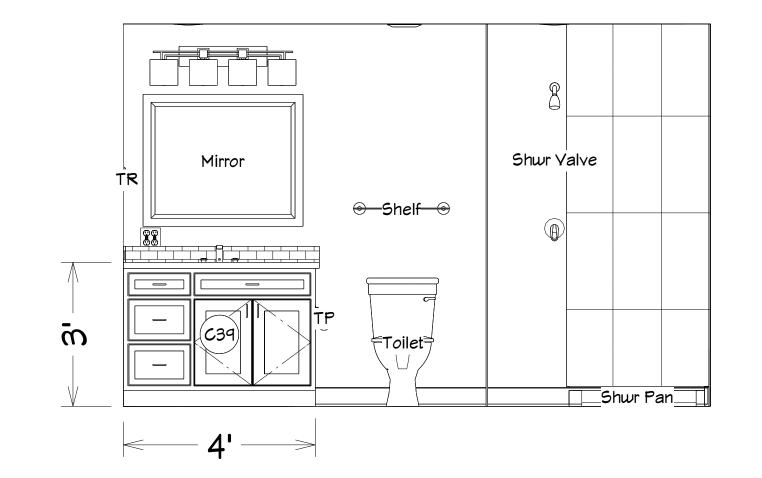
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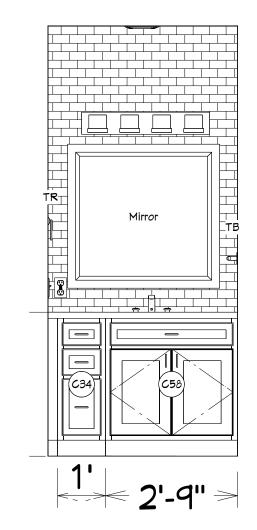
Date:

<u>Title:</u> INTERIOR **ELEVATIONS** Sheet:





Bath Elevation





Stamp:

Revisions: 1. NOT FOR CONSTRUCTION

Print Scale: 24"x36"

Date:

<u>Title:</u> INTERIOR **ELEVATIONS**

Sheet:

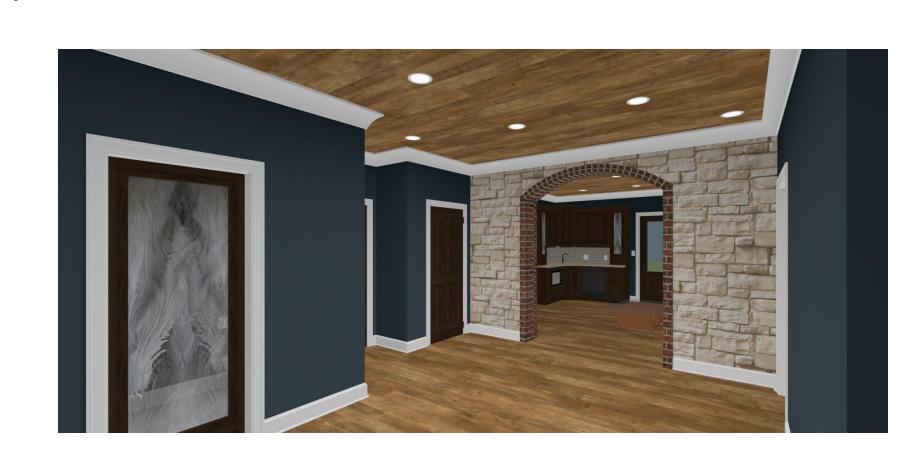
Copyright 2017

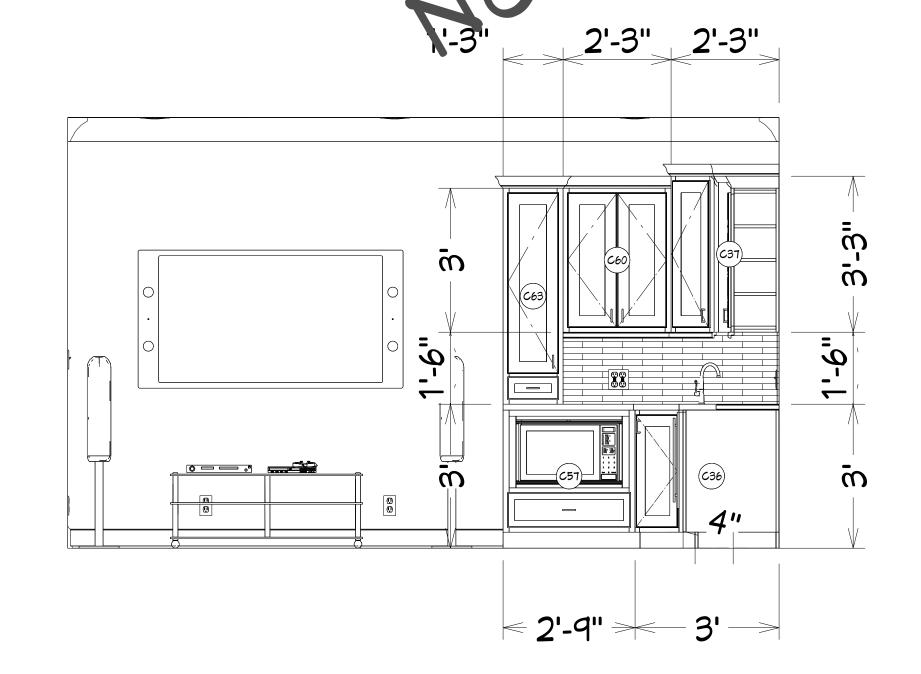
Bath Elevation

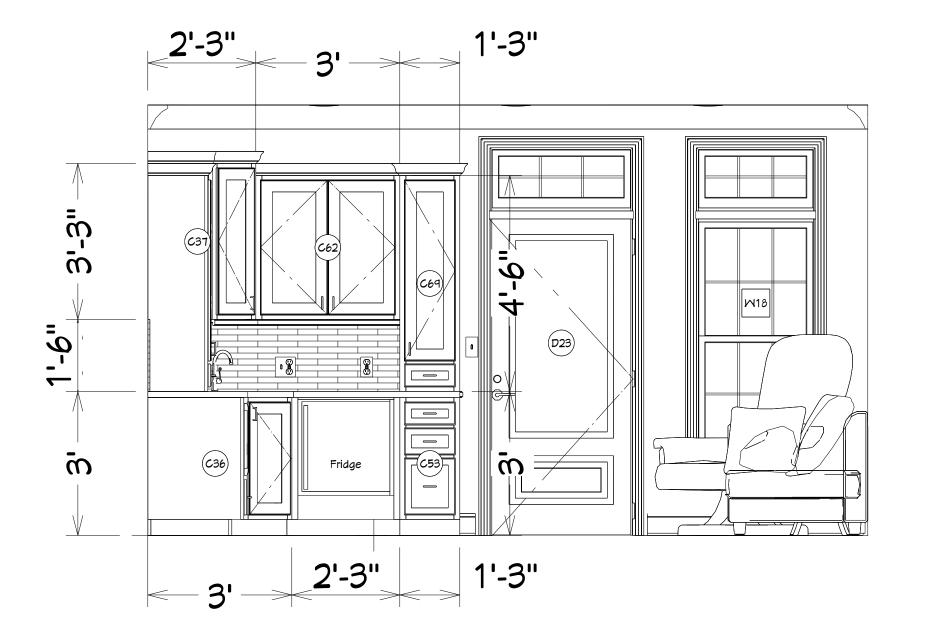


Studio Bath Elevation









Studio Lounge Elevation

Studio Lounge Elevation

ROOF NOTES:

Truss drawing is for illustration only. All trusses shall be installed & braced to manufacturer's drawings & specifications.

All trusses shall carry manufacturers stamp.

All trusses will not be field altered without prior building dept. Approval of engineering calculations.

All trusses shall have design details & drawings on site for framing inspection.

All connections of rafters, jack or hip trusses to main girder to be provided by truss manufacturer.

Roof & floor truss manufacturer: TBD

All roof framing 16" o.c.

All overhangs 18".

Install polyisocyanurate foam type insulation at floor and plate lines, openings in plates, corner stud cavities and around door and window rough opening

Attic ventilation required.

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Stamp:

Revisions: 1. NOT FOR CONSTRUCTION

Print Scale:

24"x36"

Date:

Title:
ROOF & CEILING PLAN Sheet:

SAMPLERSTRUCTION 4 3/8 : 12

> Roof Plan Scale: 1/8"=1'





