



**Therma**  **Star**<sup>TM</sup>

S U S T A I N A B L E H O M E S

Copyright 2020 Therma-Star



## BUILDING SUSTAINABLE, RESILIENT, AND RESPONSIBLE HOMES.



### WHAT IS A SUSTAINABLE HOME?

A sustainable home is one that is built to last for generations with low maintenance and cost of ownership. Our homes cost less to live in with lower utility bills and insurance costs. These homes will last without need of major structural repair due to weather, insects, or other pests for generations!



### WHAT IS A RESILIENT HOME?

A resilient home is one that can withstand harsh weather and natural disasters with little or no damage! Our homes are rated to withstand 220 mph winds and the debris that might be in these winds. They are also rated to withstand earthquakes, and are fire resistant. These homes are also resistant to wood boring insects and animals that like to chew on homes. Floods would not effect these homes as there is no wood, or drywall that will need to be replaced. This also makes these home mold resistant!



### WHAT IS A RESPONSIBLE HOME?

A Responsible home is one that is built using eco-friendly techniques to responsibly use natural resources and reduce the impact to the environment. Green Technology allows us to use highly available , renewable products that are stronger and last longer. Our building techniques reduces the construction waste by 98%! These homes incorporate the latest in heating and cooling technologies as well as having higher insulation value than traditional construction to reduce the homeowners energy consumption by 75%.



## BUILDING SUSTAINABLE, RESILIENT, RESPONSIBLE, AND ATTAINABLE HOMES.



### WHAT IS AN ATTAINABLE HOME?

An Attainable home is one that is affordable to first time home buyers, recent college graduates, and downsizing seniors. Its price range will allow persons in the %80 to %120 AMI (average median income) level to purchase. Many are able to utilize First Time Home Owners down payment assistance from State, Federal and local organizations.



# Building Technology

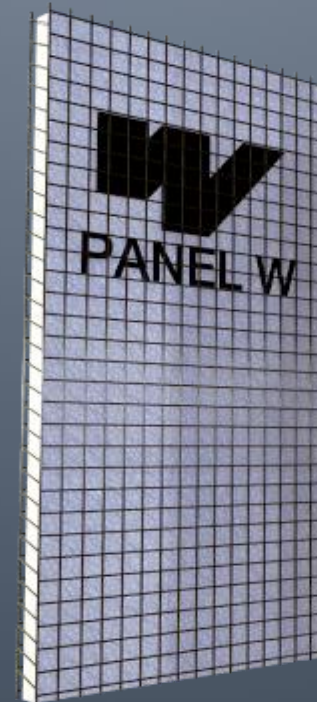
- Use Structured Concrete Insulated Panels (SCIP) made of a sandwich of steel-wire and insulating foam core.
- Is Eco-friendly as it saves energy, does not contain harmful substances and does not promote deforestation.
- Versatile for all architectural styles and sizes of buildings.
- Provides outstanding thermal and acoustical insulation.
- Reduces building waste by 90%.





## Panels Benefits

- Lower labor cost to build
- Less time to complete a new home
- Environmentally friendly and sustainable
- Lower material cost to build with less wasted materials
- Lower maintenance cost for the life of the property
- Fire and Flood resistant
- Destructive insect resistant
- High winds and tornados resistant
- Energy effective using only 25% of what a standard constructed home would use
- Lower insurance costs due to the reduced risk of fire and weather
- Video on building process :  
[https://youtu.be/V064Hx24\\_kw](https://youtu.be/V064Hx24_kw)



# Standard Features

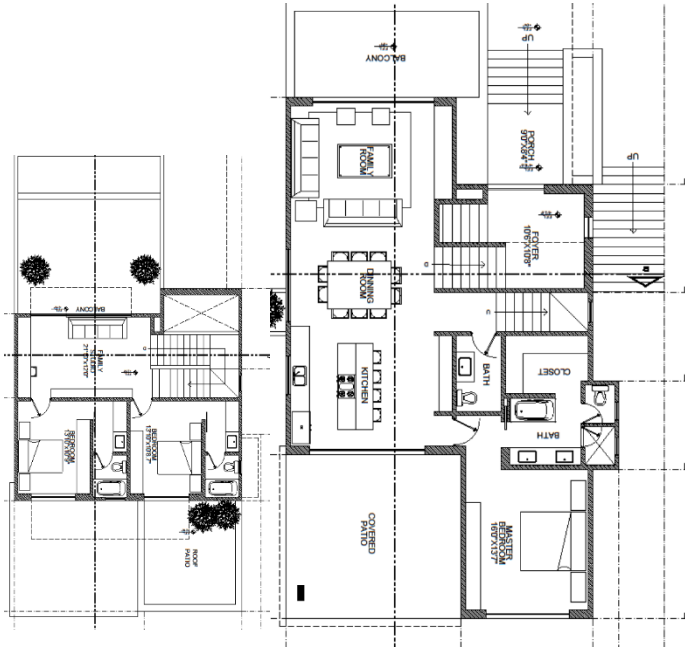
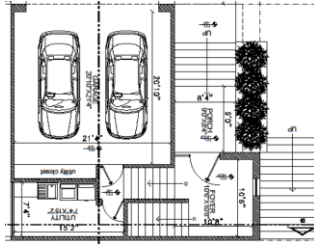
- Wheelchair accessible doors and hallways
- Electrical outlets near toilets to enable add on features for personal hygiene and home medical devices
- 10-foot ceilings
- Extra outlets in pantries and kitchen for modern devices and appliances
- Pre-wired for EV (Electric Vehicle) charging stations in the carport or garage area
- Switches and wiring for SmartHome capabilities
- Water conserving sanitary fixtures
- Native and low water need landscaping
- Ductless A/C
- Tankless Water Heaters
- Stained Floors





# Plan 5735

3-3½-2 2000 Sqf. Split Level

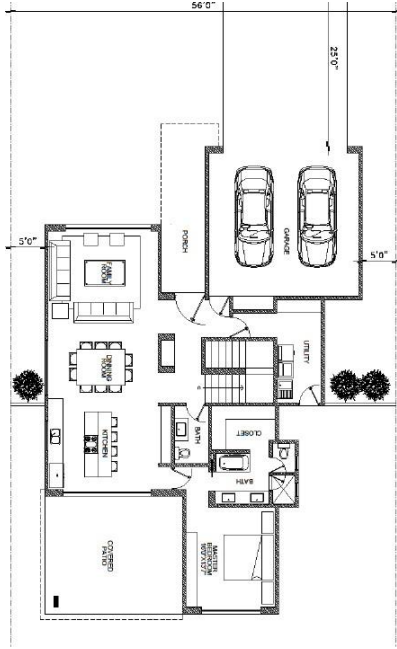
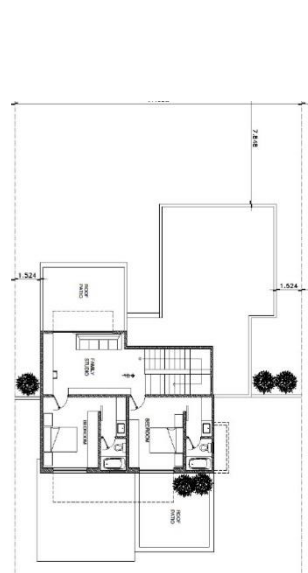






# Plan 5810

3-3½-2 2000 Sqf. 2 Story

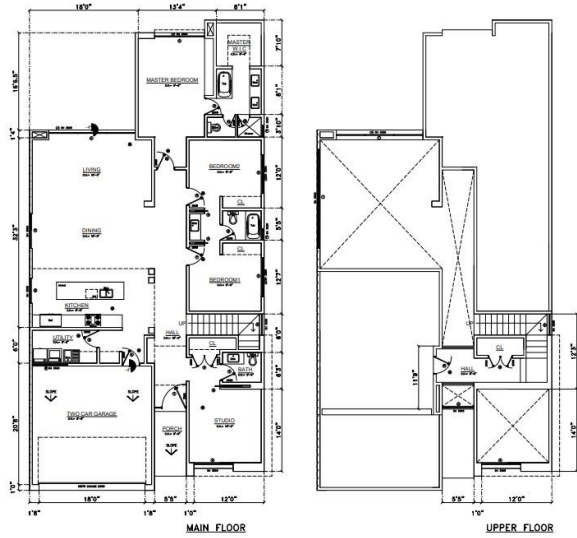






# Plan 6030

4-2½-2 2000 Sqf. With an Upper Patio

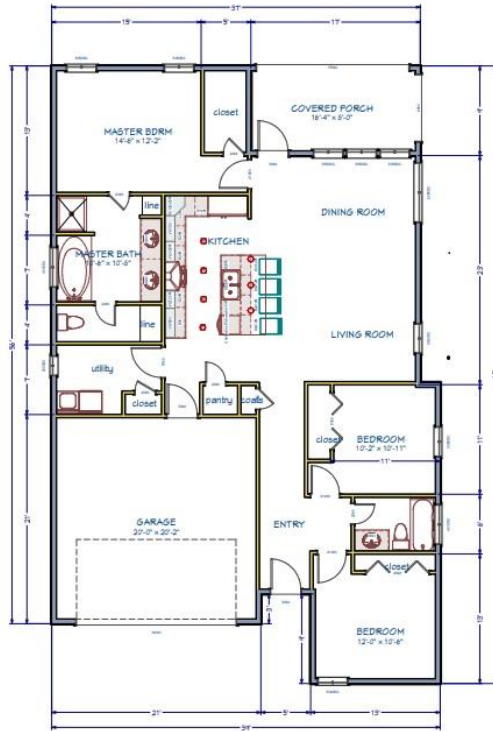






# Plan 6034

3-2-2 1600 Sqft



FLOOR PLAN - LIVING AREA 1,610 sqft

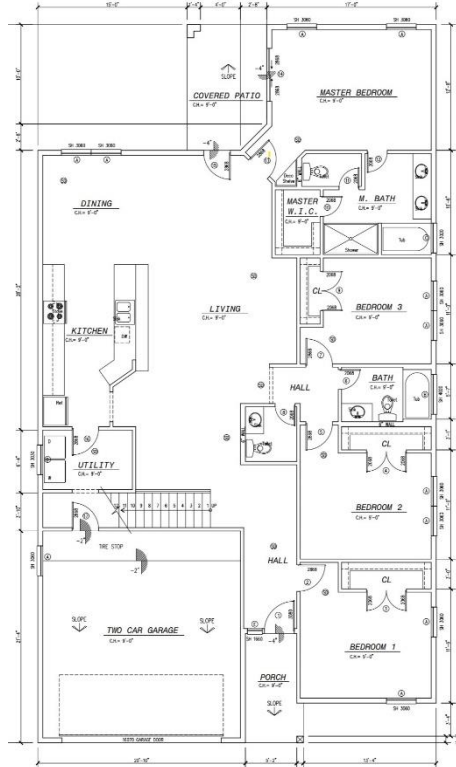
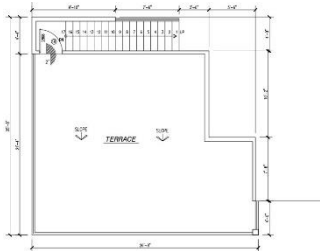






# Plan 6035

4-2½-2 2000 Sqf. With an Upper Patio



# Energy Efficient Components

- Ductless or Mini-Split Heating and Cooling systems (standard)
- Tankless Water heaters (standard)
- Wind and or Solar generation systems integration(Optional)



# Cabinets

- Slow Close drawers and Cabinet doors
- Stone or similar Countertops







# Therma Star<sup>TM</sup>

S U S T A I N A B L E   H O M E S

2901 W. Parker Rd

P.O. Box 863241

Plano, TX 75086

<https://therma-star.com>

Sales@therma-star.com

+1 469.688.0308

**“Do Good by Doing Good”**