



# 23310 Vista De Tres Lagos

Lot: 44 Block: 2 Section: 1 MacKenzie Park - Tres Lagos 11/26/14

# **CONSTRUCTION SPECIFICATIONS**

**OWNER:** FOR SALE

<u>TEXAS STATE LICENSED DESIGNER</u>: Kevin Young Designers, Inc. <u>STRUCTURAL ENGINEER</u>: Eric L Davis Engineering, Inc. <u>GEOTECH</u>: Geoscience Engineering and Testing, Inc.

<u>GENERAL DESCRIPTION</u>: TWO-STORY, FIVE BEDROOM, FOUR FULL BATHS, ONE HALF BATHS, ONE – TWO-CAR GARAGE, ONE ONE-CAR GARGAGE, STUCCO VENEER with BRICK AND STONE DETAILING

LIVING SQUARE FOOTAGE: 5097 COVERED SQUARE FOOTAGE: 7247

 $\hbox{*\,All\,square\,footages\,per\,architectural\,plans}\\$ 



### STRUCTURAL and SYSTEM SPECIFICATIONS

#### **SITE PREPARATION:**

★ Site work performed per the soil and structural engineer specifications

#### **FOUNDATION:**

- ★ Foundation plans designed and engineered by a State of Texas Licensed Professional Engineer
- ¥ 3000 psi concrete
- ## Foundation is inspected by a representative of a State of Texas Licensed Professional Engineer

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  ## Foundation Inspected Bloom Inspe

## **WOOD CONSTRUCTION (FRAME and CORNICE):**

策 Structural plans designed and engineered by a State of Texas Licensed Professional Engineer



Advanced framing methods designed to increase energy efficiency and reduce waste - ladder T's, open corners, insulated headers, and other methods may be incorporated



策 Treated base plate - sill seal at all exterior walls to increase energy efficiency



₩ Walls studs 16" o.c. - u.n.o.



- ₩ PEST CONTROL Borate based termiticide applied during framing construction to 3' above foundation
- 第 Joist and rafters 16" o.c. u.n.o. (size and bearing condition to be determined by span), minimum 2x6 #2 SYP material
- Roof deck material 7/16" OSB with spacing plywood clips at every joint

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- ★ Sheathing 7/16" OSB with House Wrap
- ₩ Floor joists Designed to be an engineered product system specific to this home
- ## Sub floor 1-1/8" Advantech tongue and groove (glued, nailed, and screwed)
- 策 Exterior trim, fascia board and soffit James Hardie cement board

### **INSULATION:**

- - 2x6 wall 5.5" = R-19+ value
  - 2x4 wall 3.5" = R-13+ value
- ₩ Underside of roof decking area insulation type Open cell foam, 8.0" = R-26+ value
- ## Garage ceiling with living space above and overhang (cold floors) insulation type Open cell foam, 5.5" = R-19+



Base plates, windows, doors, and other areas insulated and sealed with expanding foam polyseal or caulking - to prevent air leakage

# **PLUMBING:**

署 Tankless closed combustion natural gas water heaters



- ★ All hot water supply lines insulated throughout the home
  - ★ Schedule 40 PVC waste and vent pipes thermoplastic roof jacks

  - **光 CPVC water supply lines**
  - 器 Water Meter 3/4" size
  - ₩ Main Water Service Line 1" PVC





- 爰 Fixtures and tubs

#### **ELECTRICAL:**

- ₩ Specifications per 2011 National Electric Code
- ₩ 14 Ga. Copper wire minimum for interior circuits
- # GFCI breakers where required (wet areas, garage, exterior)
- 策 Ceiling fans each location blocked and pre-wired (1 switch fan/light)
- 策 Under-Cabinet Lighting rough-in with separate switch in Kitchen and Butler's Pantry
- ☆ Irrigation system outlet located inside Garage to meet electrical code
- ★ Smoke Detectors as required by code line voltage with battery back-up
- # Combination Smoke and Carbon Monoxide detectors installed at 1 per each 1000 sq. ft., minimum 1 per floor, 1 per attic, 1 located at garage entrance to house
  - ★ Kitchen backsplash outlets strip plug type located underneath upper cabinet

  - 署 Decorative Light Fixtures
  - **光 General Light Fixtures -**



Recess Cans - LED bulb included, white trim with white baffle

Ceiling Fans -

Interior - 52" Supra by Minka fan only - Diva fan speed control - Energy Star

Exterior - 52" Sundance by Minka fan only - Diva fan speed control - Energy Star

Under-Cabinet Lighting - Xenon light fixture

Garage Lights - 4' fluorescent

Exterior Flood Lights - 2-bulb shielded



★ Solar Ready - Interduct from panel to attic space - ready for future solar panel installation

### **HEATING, VENTILATION, AIR CONDITIONING:**



\*\* BE Each air conditioning and heating system is designed to meet specific requirements of the house



★ Amana condensing units (or equivalent) 16 SEER system



**彩** Two-speed condensers



★ Closed combustion - Natural Gas furnaces - 95% efficient



₩ High efficiency media air filter at each unit - MERV 11 rating



※ 第 Fresh Air intake integrated into system design





★ Thermostat - fully programmable with humidity control - see Home Automation



★ Energy Star rated 80 CFM exhaust fans at all bathrooms and utility rooms - vented to outside





策 R6 flexible ductwork and mastic duct sealant at all connections to meet Texas Energy Code

### **HOME AUTOMATION, SECURITY, and LOW VOLTAGE WIRING:**

- ₩ HOME AUTOMATION HAI Platform
  - 6 Lighting Control Dimmer Switch locations for LED bulb fixtures
  - 2 RC-2000 Omnistats Learning Thermostats

Fully programmable to control temperature and humidity - operate from your device

#### **¥** SECURITY

2 HAI Keypads - integrated into HAI Platform

Contact all Doors

Contact all operable Windows

- 1 Glass Break Detector at Master Bath
- 2 Overhead Garage Door Contacts integrated into HAI Platform
- 1 Interior Wall Mount Siren

Battery Back-up

Pre-wire - 2 Motion Detectors

Pre-wire - 3 Keypad locations total

#### **¥ LOW VOLTAGE WIRING**

Phone, Data, Audio, and Video wiring specified in room locations following

D-mark Location for Service Provider

- 1 Weather Proof Box to include -
  - 1 CAT 5E Data
  - 1 CAT 5E Phone
  - 2 RG 6 Coax

Pre-wire 4 Camera locations

- 1 UStec UX-100 Rough-in Can with UX-430 Panel Cover
- 1 UStec 8x4x10 Phone/CATV Module

#### **CENTRAL VACUUM:**

#### **EXTERIOR SPECIFICATIONS**

#### WINDOWS:

- ★ Aluminum RAM MI 2700 Thermally broken
- 器 Color selection Bronze



- 🗬 🕱 Double pane, Low E 366 insulated glass fixed and operable per plan

## **EXTERIOR DOORS:**

- ★ Front door Style and details per plan
- 第 Game room, Pool Bath, Guest Retreat, Breakfast, Master Retreat hallway Fiberglass one-lite clear glass, rot resistant jamb, integrated threshold
- 策 Garage Porch, Fiberglass half-lite clear glass, rot resistant jamb, integrated threshold





## **ROOFING and GUTTERS:**

★ GAF Timberline HD - Limited Lifetime composition shingle

Color selection - Weatherwood

15# felt underlayment

Closed valleys

Step-flashing where required

- # Gutters Full rain gutters Ogee profile with round down-spouts
- ₩ Chimney Caps Decorative metal fireplace chimney caps

# **EXTERIOR VENEER:**

₩ Stucco - 3 part conventional installation

Band details per plan

Sherwin Williams Conflex coating applied as final color product

- 器 Exterior Ceilings -

Exterior grade drywall - finished, textured, painted

Entry Porch and Garage Porch - Wood 1x6 V-groove

₩ Paint - Sherwin Williams Superpaint - satin finish

Trim Color - Fascia, soffit, porch ceilings

## **PAVERS and FLOORING:**

- 署 Paver standard selection
- 署 Flooring Entry Porch

**Brick** 

★ Flooring - Garage Porch, Lanai, Pavilion, Summer Kitchen

Stained concrete

# **LANDSCAPING and FENCE:**



₩ R Professionally designed landscape plan



₩ % Plants, turf, beds, hardscape, full irrigation



₩ Plants and turf to be a native mix drought-tolerant species



₩ Plants spaced minimum of 24" from foundation



★ Irrigation system with programmable timer and rain sensor



- Rain water drainage system designed to properly move water away from the foundation and conform to Community Guidelines. Must be maintained.

  - 策 Courtyard drainage system to include two ground drains and integral gutter downspout connections

#### POOL:

署 Not included - underground utilities routed for future installation





### INTERIOR SPECIFICATIONS

#### **FLOORING:**

- ₩ Wood Floors
- ★ Carpet Green Label+ manufactured

# **PAINTING and DRYWALL:**



- 💸 ∺ All Paints and sealant products categorized as Low VOC reducing toxic chemicals released into the air
  - 器 Interior Paint Sherwin Williams Superpaint flat all interior walls and ceilings
  - ★ Interior Enamel / Trim Paint Sherwin Williams Pro Classic semi-gloss
  - 署 Texture All walls and ceilings light rolled texture

Skip trowel wall finish at locations defined in Interior Room Specifications

- # Duraroc board (or equivalent cementious product) at shower walls

#### MILLWORK, TRIM, CABINETS:

- 策 Cabinets and built-ins custom designed and job-built per plan locations by carpenter on-site
- ## Interior doors 8' tall, 1-3/8" thick Two-panel square or arch-top Solid core Masonite or knotty alder paint grade jambs

Door type defined in Interior Room Specifications

Bath 3, 4, and 5 - shower rod for owner's curtain

- ₩ Door Casing 3" with profile paint grade
- 器 Shoe mould at all hard surfaces
- ₩ Windows 3 sides drywall with wood sill
- 策 Closets custom designed and built with shelving and metal rods to maximize convenience and storage

# **COUNTERTOPS:**

- Solid surface 4" splash at Master, Powder, Utility, Pool Bath, Bath 3, 4, 5

   ■
- ₩ Wood countertop at Master closet chests
- 器 Includes all under mount sinks

#### **MIRRORS and SHOWER DOORS:**

- ₩ Mirrors polished edge to door height
- 署 Shower Doors -

Master Bath - frameless style shower enclosure, match plumbing finish - 8' height Pool Bath - semi-frameless shower enclosure, match plumbing finish - 8' height



### **TILE at SHOWERS and BACKSPLASHES:**

- ₩ Wall tile at showers and tub-shower combos to 8' height
  - Built-in recessed soap box at each shower location
  - Built-in seat at Master and Guest shower locations
- 署 Backsplash at Kitchen

#### **FIREPLACES:**



**能** 留reat Room

42" Pre-fabricated Direct Vent natural gas unit with sealed glass front and gas log set Mantle and surround - flush hearth

₩ Pavilion

42" Pre-fabricated wood burning Stainless Steel fireplace

Mantle - Decorative wood beam as shelf

### INTERIOR ROOM SPECIFICATIONS

## **FOYER:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished skip trowel painted
- ₩ Base 8" tall painted

#### **GREAT ROOM:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished skip trowel painted
- 器 Base 8" tall painted

- 器 Low Voltage Wiring -

2 RG 6 Coax/1CAT 5E Data

Pre-wire 5.1 Surround Sound

1 1.5" Interduct for future expansion

₩ Fireplace - see FIREPLACES specifications

## STUDY:

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted

- **光 Low Voltage Wiring -**

Pre-wire 2 Speakers / 1 Volume Control - CAT 5E





1 RG 6 Coax/1CAT 5E Data 1 CAT 5E Phone/2CAT 5E Data

# **POWDER ROOM:**

- ₩ Floor Tile
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ₩ Crown mould 5" cove type paint grade
- # Door two-panel square(or arch)-top solid-core stained alder
- ₩ Light fixture wall sconce lights and recessed can lights
- ₩ Mirror see MIRRORS and SHOWER DOORS specifications
- ₩ Cabinetry Custom designed and built-in by trim carpenter

Material - paint grade

Finish - painted

## Counter-top − Solid surface with standard edge, 4" splash, and under-mount bowl

### **MASTER RETREAT:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ★ Crown mould 5" cove type paint grade
- ₩ Door(s) two-panel square(or arch)-top solid-core Alder
- ₩ Light fixture recessed cans and ceiling fan
- 器 Low Voltage Wiring -
  - 1 RG 6 Coax/1CAT 5E Data
  - 1 CAT 5E Phone

Pre-wire 2 Speakers / 1 Volume Control - CAT 5E

1.5" Duct to Head End location

# **MASTER BATH:**

- ₩ Floor -Tile
- 器 Walls and Cathedral Vault Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ₩ Door(s) two-panel square(or arch)-top solid-core Alder
- 器 Light fixture recessed cans and wall sconce lights
- ★ Low Voltage Wiring -

Pre-wire 2 Speakers / 1 Volume Control - CAT 5E

Material - paint grade

Finish - painted

Drawers - Full extension

Drawer stack at each sink

- ★ Counter-top Solid surface with standard edge, 4" splash, and under-mount bowl
- ★ Closets Custom designed for efficient use of space painted

Built-in chest of drawers with wood top

Fixed shelving





Metal clothes rods Track lights Carpet flooring

# **GUEST SUITE:**

- ₩ Floor -Wood
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ★ Crown mould 5" cove type paint grade
- ₩ Door(s) two-panel square(or arch)-top solid-core Alder
- - 1 RG 6 Coax/1CAT 5E Data
  - 1 CAT 5E Phone

#### **GUEST BATH:**

- ₩ Floor Tile
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ☆ Crown mould 5" cove type paint grade
- ₩ Door two-panel square(or arch)-top solid-core Alder

Material - paint grade

Finish - painted

Drawers - Full extension

Drawer stack at each sink (if space allows)

- ₩ Counter-top Solid surface with standard edge, 4" splash, and under-mount bowl

Built-in stack of shelves (if space allows)

Fixed shelving

Metal clothes rods

Lighting - Ceiling mount 2 bulb compact fluorescent light

# **GALLERY:**

- ₩ Walls and Ceiling Sheetrock, finished skip trowel painted
- ₩ Base 8" tall painted
- ★ Crown mould 5" cove type paint grade
- 器 Light fixtures recessed cans

### **DINING ROOM:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ₩ Sheetrock openings radius corners painted
- 器 Light fixture recessed cans and hanging chandelier





**光 Low Voltage Wiring -**

Pre-wire 2 Speakers / 1 Volume Control - CAT 5E

# **BUTLERS PANTRY:**

- ₩ Floor -Wood
- ₩ Walls and Ceiling Glass walls with sheetrock ceiling
- ₩ Base 8" tall painted
- ₩ Crown mould 5" cove type paint grade
- 策 Cabinetry Custom designed and built-in by trim carpenter

Material - maple, alder, or paint grade

Finish - painted or stained

Drawers - Full extension

Upper cabinets - 42" tall

### **KITCHEN:**

- # Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished skip trowel painted
- ₩ Base 8" tall painted
- ☆ Crown mould 5" cove type paint grade
- **光 Low Voltage Wiring -**
  - 1 CAT 5E Phone/1CAT 5E Data

Material - maple, alder, or paint grade

Finish - painted or stained

Drawers - Full extension

Upper cabinets - 42" tall

Trash can pull-out by sink

Drawer stack in base cabinets

- ★ Counter-top Solid surface with standard edge
- ₩ Backsplash

Viking 48" Refrigerator - Stainless Steel

Viking Pro 48" Range - all gas - Stainless Steel

Hood Vent Liner- Stainless Steel - job-built cabinet surround

Viking Pro Microwave with 30" trim kit - Stainless Steel

Bloomberg Dishwasher - Stainless Steel

# **BREAKFAST ROOM:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished skip trowel painted
- ₩ Base 8" tall painted

### **POOL BATH:**



- 第 Floor Tile
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- # Door two-panel square(or arch)-top solid-core stained alder
- ★ Light fixture wall sconce lights and recessed can lights
- 器 Cabinetry Custom designed and built-in by trim carpenter

Material - paint grade

Finish - painted

## Counter-top − Solid surface with standard edge, 4" splash, and under-mount bowl

### **GAME ROOM:**

- ₩ Floor Carpet
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ☆ Crown mould 5" cove type paint grade
- 器 Low Voltage Wiring -
  - 1 RG 6 Coax/1CAT 5E Data
  - 1 CAT 5E Phone

Pre-wire 5.1 Surround Sound

1.5" Duct for Projector

#### **UTILITY ROOM:**

- ₩ Floor Tile
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ₩ Crown mould 5" cove type paint grade
- ₩ Door two-panel square(or arch)-top solid-core Alder

Material - paint grade

Finish - painted

Drawers - Full extension

- ★ Counter-top Solid surface with standard edge, 4" splash, and under-mount bowl
- ₩ Light fixture 4' cloud fluorescent

#### **SIDE FOYER:**

- ₩ Floor Wood
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ★ Crown mould 5" cove type paint grade

Material - paint grade

Finish - painted

# **GARAGES:**



- ₩ Door Fire-rated two-panel square(or arch)-top solid-core painted self-closing hinges
- 器 Overhead Garage Doors Clopay insulated, steel, pre-finished, Ultra Grain stained wood finish
- ★ Garage Door Opener installed at each door sized per door manufacturer
- ₩ Floor Epoxy coated concrete floor Standard color selection
- ₩ Base 6" tall painted

## **STAIRS:**

- ★ Treads Wood red oak stained
- ₩ Hand rail and Newel Posts red oak stained
- ₩ Balusters iron standard selection
- ₩ Walls and Ceiling Sheetrock, finished painted

# **BEDROOM 3, 4, 5:**

- ₩ Floor Carpet
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- 策 Crown mould 5" cove type flat ceilings only paint grade
- ₩ Door two-panel square(or arch)-top solid-core painted
- - 1 RG 6 Coax/1CAT 5E Data
  - 1 CAT 5E Phone

# **SECONDARY BATH AREAS:**

- ₩ Floor Tile
- ₩ Walls and Ceiling Sheetrock, finished painted
- ₩ Base 8" tall painted
- ★ Crown mould 5" cove type paint grade
- ₩ Door two-panel square(or arch)-top solid-core painted
- 器 Cabinetry Custom designed and built-in by trim carpenter

Material - paint grade

Finish - painted

Drawers - Full extension

- ★ Counter-top Solid surface with standard edge, 4" splash, and under-mount bowl
- ★ Light fixture wall sconce lights and recessed can lights

Built-in stack of shelves (if space allows)

Fixed shelving

Metal clothes rods

Lighting - Ceiling mount 2 bulb compact fluorescent light

Carpet flooring

#### **PAVILION:**





- 器 Low Voltage Wiring -

Pre-wire 2 Speakers / 1 Volume Control - CAT 5E

### **SUMMER KITCHEN:**

Coyote 36" Grill with sear rotisserie - Stainless Steel

In the event of a conflict or discrepancy between the Contract, the Specifications, and the Plans; the Contract, the Specifications and then the Plans shall prevail, in that same order.

10 year warranty provided by ACES - see warranty manual for various lengths of specific warranties.

Title policy by purchaser. Purchaser pays discount points, closing fees, and expenses. **Possession of home after closing and funding.** 



