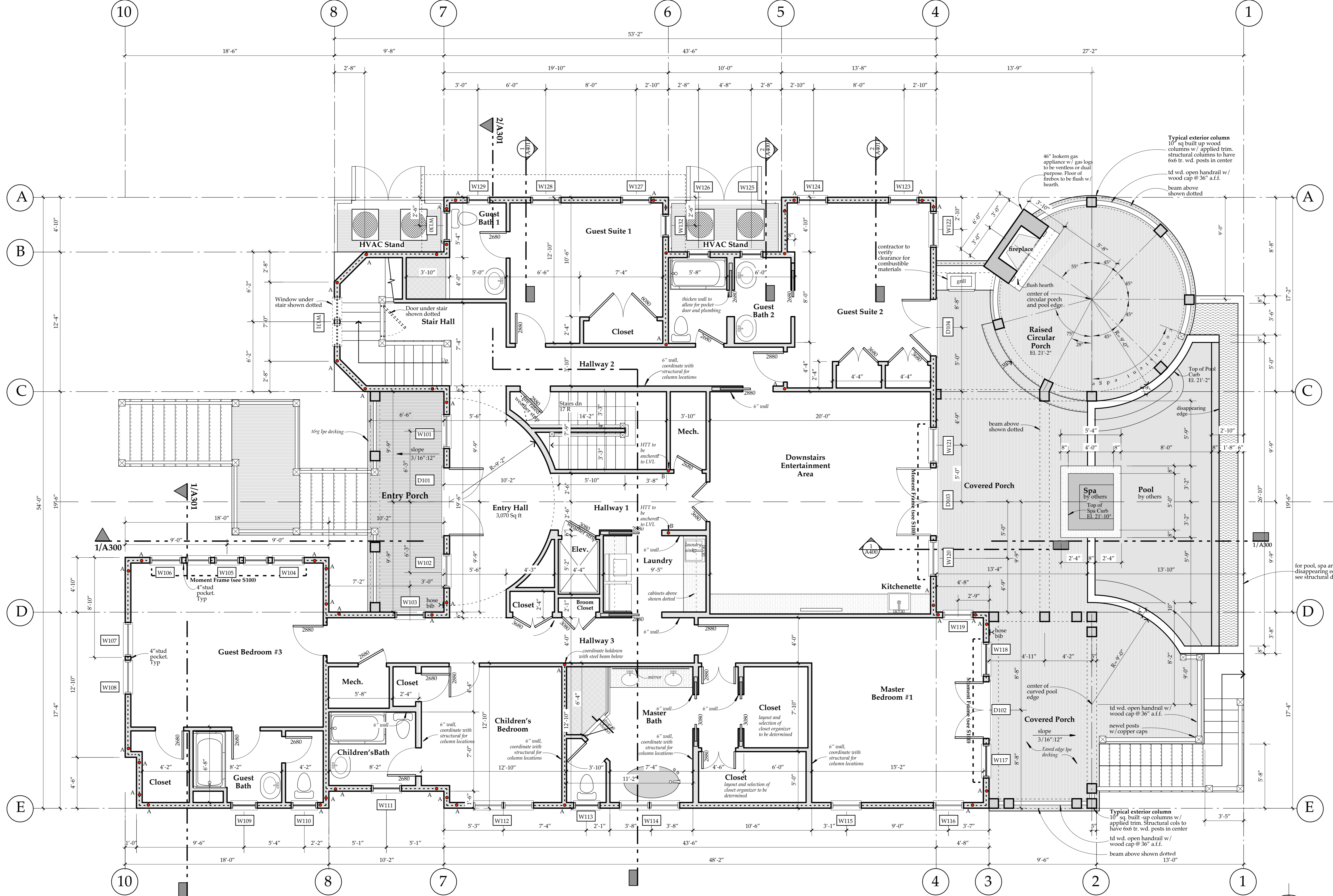


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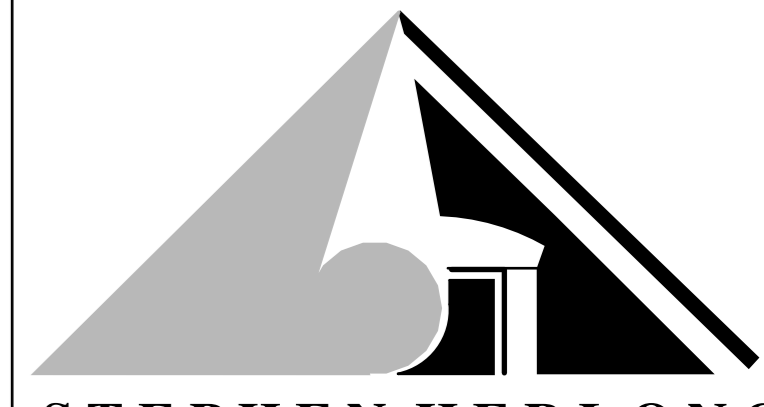
- ### Construction Notes
- All interior walls are to be framed with 2x4 wood studs @ 16" o.c. unless otherwise noted on plan. All walls or sections of walls containing pocket doors are to be framed with 2x6 wood studs @ 16" o.c. See structural drawings for additional framing information.
 - All interior walls to have sound batt insulation.
 - For sizes of structural columns refer to sheet S101 1st Floor Framing.
 - HVAC Contractor to perform heat gain calculations based on volume, amount of glazing, type of glazing, and components which give off heat (A/V components, ice makers, appliances etc.)
 - Exact cabinet layout and configuration by Cabinet Concepts. For cabinet Plans and Interior Elevations see drawings by Cabinet Concepts

Holddown Legend

designated by ●

designation	Simpson connector	#
A	HD 10A	1
B	HTI-22	1

- ### Shear Walls
- Exterior Shear Walls (ALL exterior walls) are Type II, Exposure Category C and are shown on the floor plans as to be sheathed with 5/8" plywood (on exterior side) and nailed as per schedule on S100.
 - Interior Shear Walls are shown on the floor plans as and are to be constructed with 5/8" plywood on framing studs one side only - unless otherwise noted, and nailed as per schedule on Sheet S100.



STEPHEN HERLONG & ASSOCIATES, INC. ARCHITECTS
 103 Palm Blvd. Suite 3A Phone: 843-886-9199
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 Isle of Palms, S.C.

STATUS	DATE
✓ Conceptual Design	2/14/06
✓ Design Dev.	
✓ Construction Documents	
✓ Permitting	05/24/06
✓ Construction	06/27/06
Revision:	
Revision:	
Revision:	
Revision:	

Plot Reference: 9:38 AM Tuesday, May 15, 2007

STRUCTURAL MANDATORY INSPECTIONS

THE FOLLOWING INSPECTIONS ARE MANDATORY BY THE SIGNATORY OF THE V ZONE CERTIFICATE TO VERIFY THE REQUIREMENTS FOR SCOUR AND WIND RESISTANCE HAVE BEEN MET:

- INSPECT THE GRADE BEAM PRIOR TO THE POURING WITH ALL THE REINFORCING INSTALLED.
- INSPECT ALL THE CMU 16" PIERS INSTALLED WITH THE INSTALLED REINFORCING PRIOR TO POURING THE CELLS.
- INSPECT THE INSTALLATION OF THE ANGLE CONNECTIONS BETWEEN THE FIRST FLOOR DROPPED GIRDERS AND THE PIERS.
- INSPECT THE SHEAR WALL INSTALLATION, INCLUDING THE SHEAR WALL HOLD DOWNS, SHEAR WALL INSTALLATION AND NAILING.
- INSPECT THE BREAK AWAY WALLS.

Plumbing Legend

	Water Closet - Elongated Bowl
	Oval Lavatory
	Tub - With shower connections and shower rod
	Shower Stall
	Air Conditioning Condenser Unit
	Water Heater - 80 gal. elect. unit with 220v outlet
	Double Sink - with disposal, under counter dishwasher, faucets selected by owner
	Washer & Dryer - Connections with 1, 110 duplex, 1, 220 outlet, and hot and cold water and 1 1/2" vented waste for washer. Vent dryer to exterior of building.

General Symbols

per number

Grade beam 24" wide x 20" deep See Details

Piers to be 16"x16", unless otherwise dimensioned. Piers to be reinforced with 4-#5 vertically, with #3 stirrups vertically spaced at 12" o.c. and all cells filled solid with 3000 psi concrete.

CMU pier & Grade beam

tr. wood pile

2x4 stud wall

2x6 stud wall

Piles for main structure to be #2 SYP, pt. 12" nominal dia. w/ 10" dia tip. Pile length 26' (Contractor to verify). Total embedment 16' below grade. Bearing capacity = 45kips. Tensile Capacity = 22kips.

2x4 studs @ 16" o.c., use treated lumber below flood plane and when in contact with masonry. Typical unless otherwise noted.

2x6 studs @ 16" o.c., use treated lumber below flood plane and when in contact with masonry. Typical unless otherwise noted.

General Symbols

	Detail Reference		Interior Door
	Exterior Window		Pocket Door
	Exterior Door		Bi-Fold Door
	Sliding Bypass Door		

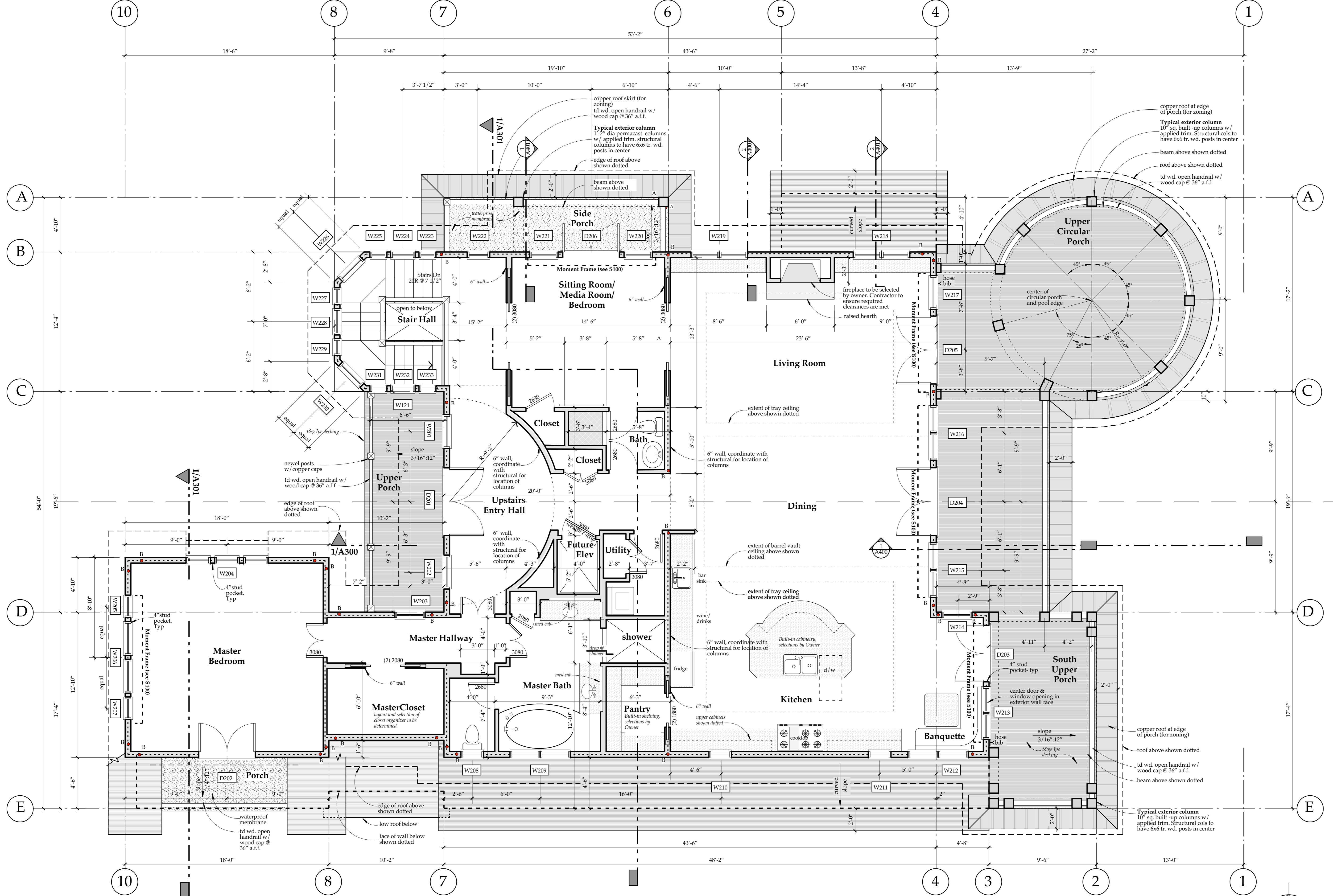
1 First Floor Plan

Scale: 1/4" = 1'-0"

Area calculations for 1st Floor

Heated:	3047.1 sq. ft.
Covered Porches:	821.5 sq. ft.
Open Deck:	149.4 sq. ft.

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- ### Construction Notes
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 2. All interior walls to have sound batt insulation.
 3. For sizes of structural columns refer to sheet S101 1st Floor Framing
 4. HVAC Contractor to perform heat gain calculations based on volume, amount of glazing, type of glazing, and components which give off heat (A/V components, ice makers, appliances etc.)

Holddown Legend

designated by ●

designation	Simpson connector	#
A	HD-10A	1
B	HTT-22	1 pair

Shear Walls

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- 2) INSPECT ALL THE CMU 16" PIERS INSTALLED WITH THE INSTALLED REINFORCING PRIOR TO POURING THE CELLS.
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- 5) INSPECT THE BREAK AWAY WALLS.

Plumbing Legend

	Water Closet - Elongated Bowl		Air Conditioning Condenser Unit
	Oval Lavatory		Water Heater - 80 gal. elect. unit with 220v outlet
	Tub - With shower connections and shower rod		Double Sink - with disposal, under counter dishwasher; faucets selected by owner
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General Symbols

per number
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 2x4 stud wall
 2x6 stud wall

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2x6 studs @ 16" o.c., use treated lumber below flood plane and when in contact with masonry. Typical unless otherwise noted.

General Symbols

	Detail Reference		Interior Door
	Exterior Window		Pocket Door
	Exterior Door		Bi-Fold Door
	Sliding Bypass Door		

Second Floor Plan

Scale: 1/4" = 1'-0"

Area calculations for 2nd Floor

Heated:	2548.5 sf
Covered Porches:	881.5 sf
Open Deck:	280 sf