


Design Originals is A Professional Building Design Firm. We Are Not Qualified To Nor Licensed To Design Structural, Framing Or Foundations. A Licensed Professional Engineer Should Be Consulted Regarding The Framing And Foundation. Should An Engineer's Seal Be Present On These Drawings, The Engineer Of Record Shall Bear The Responsibility For The Structural Design. Design Originals, Will Not Be Held Responsible For The Structural Design In Any Way/Or Any Problems Which My Arise.

GENERAL NOTES:

- [illegible]

SYMBOL LEGEND	
—H	GAS/PROPANE VALVE
—HB	HOSE BIB
—H	SHOWER HEAD @ 80" A/F
+	DOOR SIZE TAG
	

ORIGINAL AREA'S	
FIRST FLOOR	1428
SECOND FLOOR	1172
TOTAL LIVING	2600
GARAGE	526
TOTAL COVERED	3126

NEW AREA'S	
FIRST FLOOR	2552
SECOND FLOOR	199
LOWER LEVEL	568
TOTAL LIVING	3319
GARAGE	671
BALCONY	506
TOTAL COVERED	4496

TWO STORY AREA

FIRST FLOOR

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

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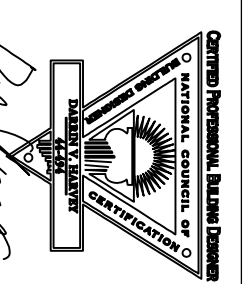
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1013 GASTON  
AVENUE

JOB # A9730

DATE: 04-10-14

DRAWN BY: JCD-MSD



  
President  
American Institute of Building Design  
(AIBD)  
Texas Institute of Building Design  
(TIBD)  
National Council of Building Design

06-18-  
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Design Originals is a Professional Building Design, Engineering, and Construction Firm. All designs are created by a Licensed Professional Engineer. Should the Engineer of Record be unavailable, the Engineer of Record's firm will be responsible for the design. The Engineer of Record's firm will not be held responsible for the structural design in any way or for any problems which may arise.

**R.320.3 VISITABLE BATHROOMS**

1. A MINIMUM CLEAR OPENING OF 30 INCHES IS REQUIRED.
2. A MINIMUM CLEAR OPENING OF 30 INCHES IS REQUIRED.
3. EDGES OF BATHROOM WALLS, AND
4. EDGES OF BATHROOM WALLS, AND
5. EDGES OF BATHROOM WALLS, AND

**R.320.4 VISITABLE LIGHT SWITCHES RECEPTACLES AND ENVIRONMENTAL CONTROLS**

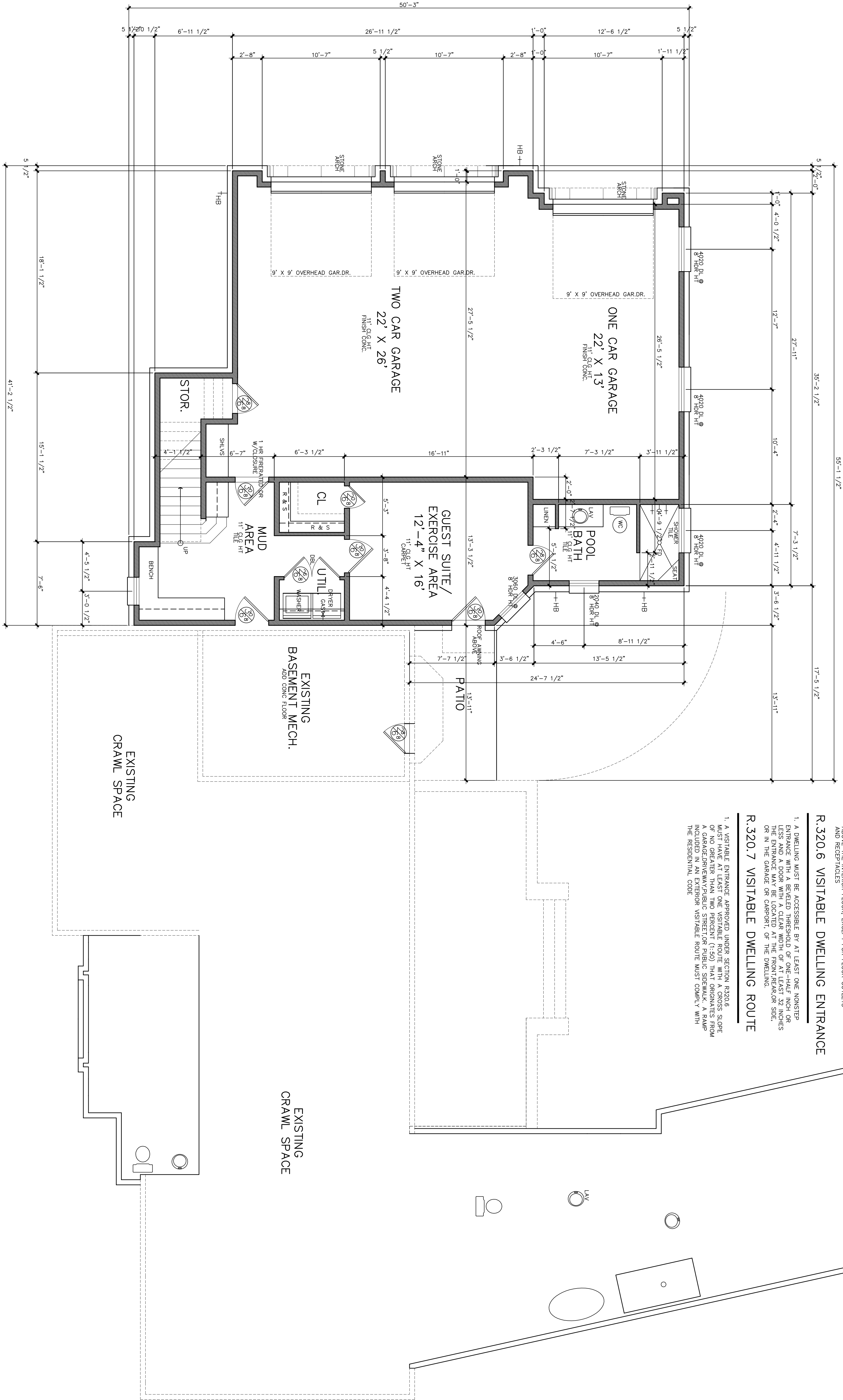
1. LIGHT SWITCHES AND ENVIRONMENTAL CONTROLS MUST BE
2. NO HIGHER THAN 48" INCHES ABOVE THE INTERIOR FLOOR
3. ABOVE THE INTERIOR FLOOR, EXCEPT FOR FLOOR OUTLETS
4. AND RECEPTACLES

**R.320.6 VISITABLE DWELLING ENTRANCE**

1. A DWELLING MUST BE ACCESSIBLE BY AT LEAST ONE NONSTEP
2. ENTRANCE WITH A BRICKED THRESHOLD OR ONE-TAIL KICK OR
3. THE ENTRANCE MAY BE LOCATED AT THE FRONT/REAR SIDE,
4. OR IN THE GARAGE OR CARPORT, OF THE DWELLING.

**R.320.7 VISITABLE DWELLING ROUTE**

1. A VISITABLE ENTRANCE APPROVED UNDER SECTION R.320.6
2. A VISITABLE ROUTE APPROVED UNDER SECTION R.320.6
3. A GARAGE/DRIVEWAY/PUBLIC STREET OR PUBLIC SIDEWALK, A RAMP
4. INCLUDED IN AN EXTERIOR VISITABLE ROUTE MUST COMPLY WITH
5. THE RESIDENTIAL CODE



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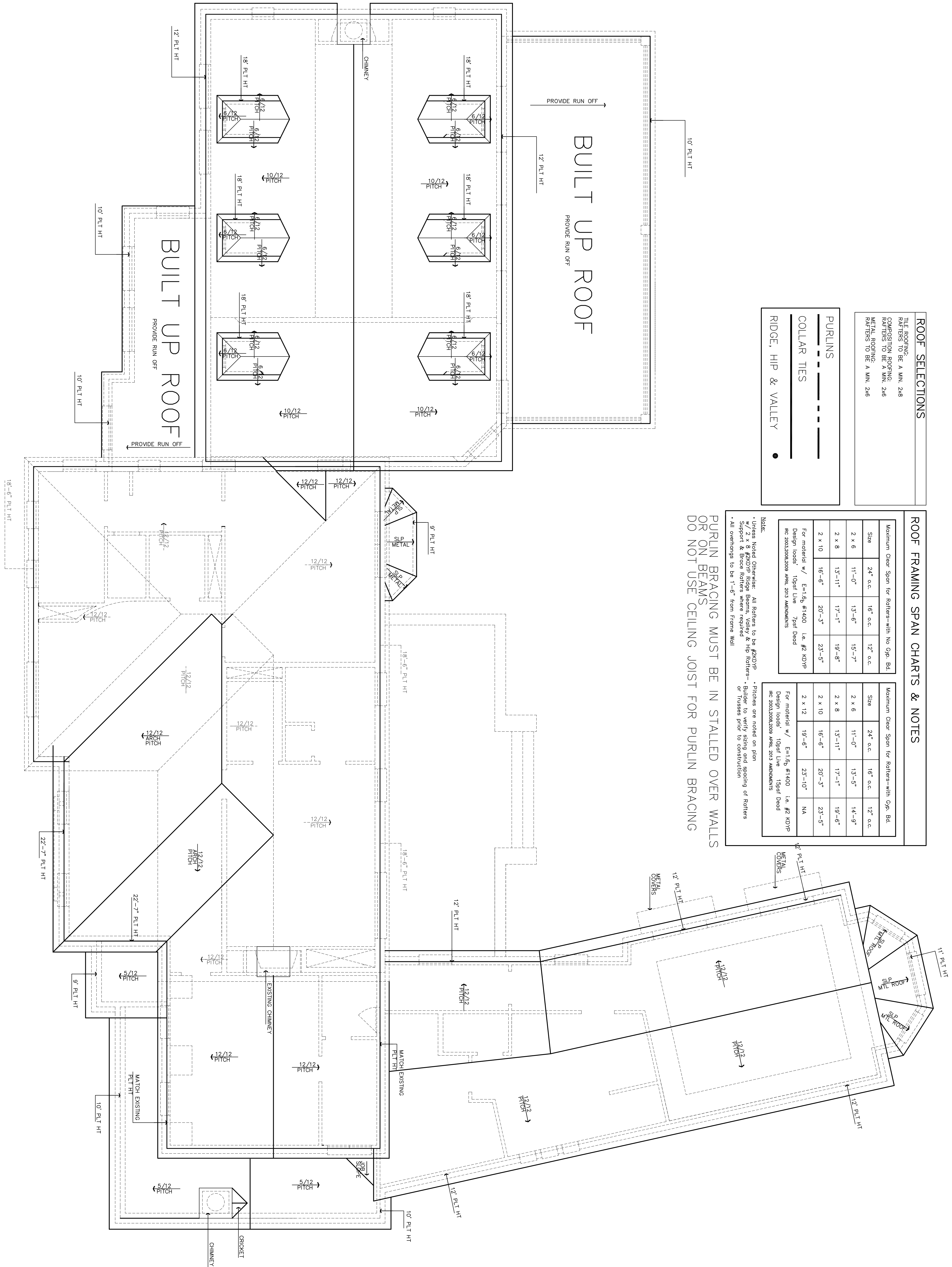
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# ROOF PLAN

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

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## ROOF SELECTIONS

RAFTERS TO BE A MIN. 2x8  
COMPOSITION ROOFING:  
RAFTERS TO BE A MIN. 2x6  
METAL ROOFING:  
RAFTERS TO BE A MIN. 2x6

## PURLINS

COLLAR TIES

RIDGE, HIP &amp; VALLEY

## ROOF FRAMING SPAN CHARTS & NOTES

Maximum Clear Span for Rafter with No Opn. Bd.		
Size	24" o.c.	16" o.c.
2 x 6	11'-0"	13'-6"
2 x 8	13'-11"	17'-1"
2 x 10	16'-6"	20'-3"
		23'-5"

For material w/ E=1.6g, #1400 i.e. #2 KDVP  
Design loads: 10psi live 7psi dead  
see 2013-2014 code book for 2013 amendments

Maximum Clear Span for Rollers—with Cgs. Bd.			
Size	24" o.c.	16" o.c.	12" o.c.
2 x 6	11'-0"	13'-5"	14'-9"
2 x 8	13'-11"	17'-1"	19'-6"
2 x 10	16'-6"	20'-3"	23'-5"
2 x 12	19'-6"	23'-10"	NA

For material w/ E=1.5 $\times$ 10<sup>6</sup> i.e. #2 GCP  
Design loads 10psf live 15psf Dead  
See 2003-2009 Allowable Stresses and Moments

- **Unless Noted Otherwise:** All Rofters to be #2KDYP w/ 2 x 8 #2KDYP Ridge Beams, Valley & Hip Rofters—Support & Brace Rofters where required
- **Pitches are noted on plan**
- **Builder to verify sizing and spacing of Rofters or Trusses prior to construction**
- All overhangs to be 1'-6" from Frame Wall

PURLIN BRACING MUST BE IN S/LLED OVER WALLS  
OR ON BEAMS  
DO NOT USE CEILING JOIST FOR PURLIN BRACING

**R602.10.6.2. ALTERNATE BRACING WALL PANEL ADJACENT TO A DOOR OR WINDOW OPENING**

[illegible]