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Current code: 2021 IRC
Structural Sheathing plans must comply with R503.2.1.1(1)

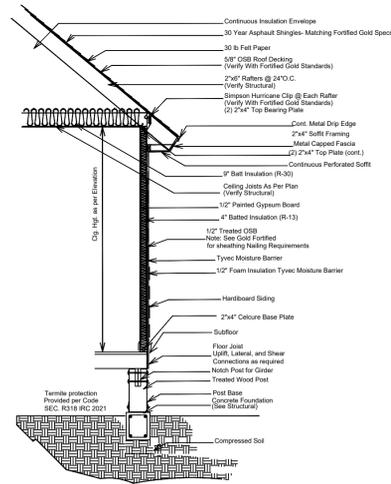
Fortified Gold Standard Certification is required
See Fortified Gold Standards for reference -Attachments A & B

See Fortified Gold Standards for reference:

- FRS-1 and FRS-2 - Enhanced Roof Deck Attachment
- F-SRD-2 - Sealed Roof Deck
- F-DE-1 - Locked Down Roof Edges
- F-RC-1 - Impact-Resistant Shingles Rated by IBHS
- F-GS-1 - Wind and Rain-Resistant Attic Vents
- F-CDT-1 - Chimney Bracing
- F-S-1 -Reinforced Soffits
- F-GE-1 - Gable End Bracing

- * Pressure-rated Windows & Doors See Fortified Home Standard 2020 5.2-5.3
- * Stronger Exterior Sheathing- See Fortified Home Standard 2020 6.3
- * Engineered Roof-to-Wall Connections-See Fortified Home Standard 2020 Appendix F- Bullet 5
- * Engineered Wall-to-Foundation Connections See Fortified Home Standard 2020 Appendix F- Bullet 8
- * Impact Protection for Window & Doors See Fortified Home Standard 2020 2.7

TYPICAL WALL DETAIL
Fortified Gold Standards will be applied for roof design and materials



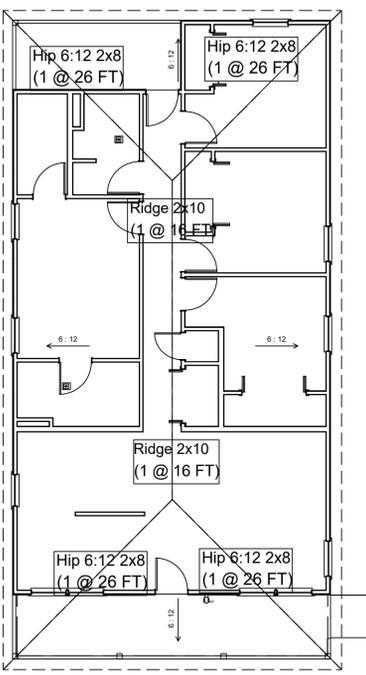
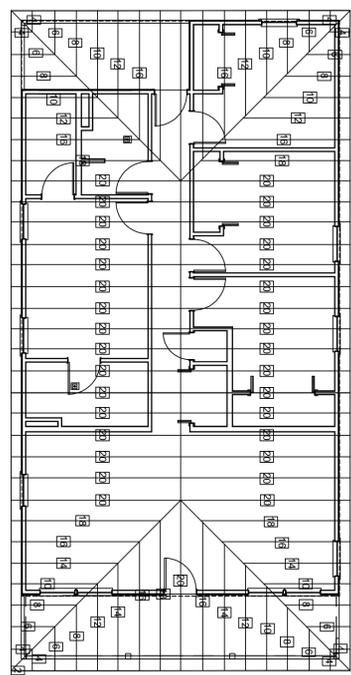
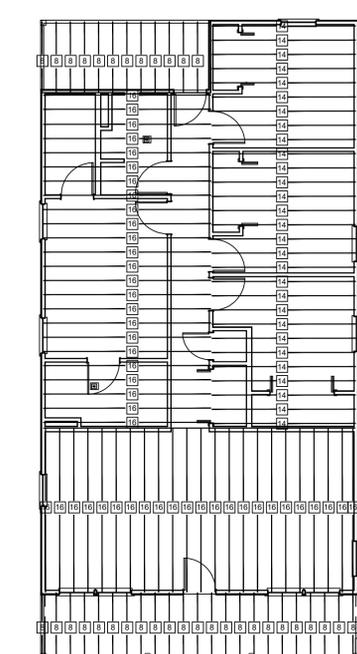
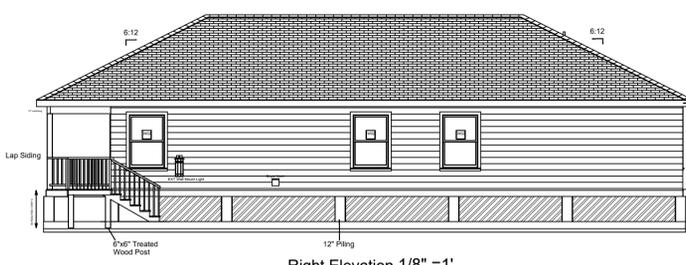
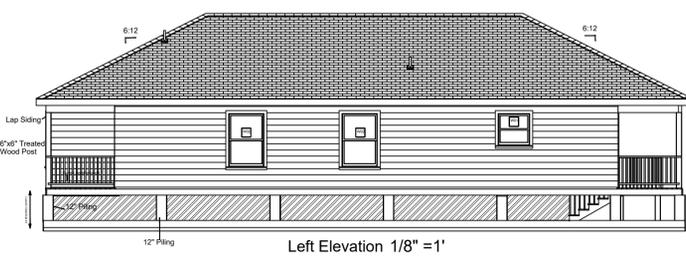
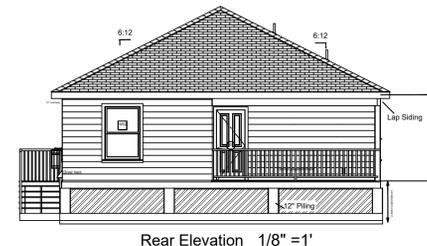
Wood stud walls to be capped with double top plate [IRC 602.3.2]
Exterior side of exterior wall, sheathing to be continuously sheathed with a minimum 7/16" wood structural panels [IRC 602.12.2]
Exterior structural wood sheathing shall be 8d common or 10d box nailed 6" o.c. at edges and 12" o.c. in the field [IRC T602.3(3)]
Exterior wall sheathing shall be continuous from bottom plate to top top-plate [IRC 602.10.2] All seams shall be block [IRC 602.10.10].
Roof sheathing shall be minimum 5/8" wood structural paneling [IRC 803.1J] and shall be fastened with 6d common nails at 6" o.c. all edges and intermediate supports [IRC T602.3(1) footnote f]
Collar ties or ridge straps to resist wind uplift shall be connected in the upper third of the attic space in accordance with Table R602.3(1) [IRC 802.3.1]
Collar ties shall be not less than 1 inch by 4 inches (nominal), spaced not more than 4 feet on center [IRC 802.3.1].
All anchor bolts shall be ASTM A307 Bolts with standard hooks and shall have a minimum embedment of 7" [IRC 403.1.6]
Anchor bolts shall be a minimum 1/2" bolt w/washer spaced no greater than 6' o.c. and within 12" of each corner [IRC 403.1.6]

Standard Walls 2"x4" 16" O.C.
Plumbing walls 2"x6" 16" O.C.
rafter strap every rafter
Joists to follow current code 2020 IRC
#2 SYP @ 16" O.C.
2x4 - max span = 8'
2x6 - max span = 12'
2x8 - max span = 15'3"
2x10 - max span = 18'1"
#2 SYP @ 12" O.C.
2x10 - max span = 20'11"

(Ply) 2" x 12" Beams 144 Ft
(2 @ 18 Ft)
(6 @ 8 Ft)
(2 @ 20 Ft)
(2 @ 10 Ft)

2 x 6 664 Ft (35 / 8.00)
24 / 16.00

2 x 8 406 Ft (29 / 14.00)



REVISION TABLE	
NUMBER	DATE REVISID BY DESCRIPTION

Project Location:
Residence: Dogwood ADA

DRAWINGS REVISED BY:
UDS HOMES
Drawn by: Dilsad Meratler

DATE:
8/11/2022

SCALE:

SHEET:
P1

Although every effort has been made to assure the accuracy of dimensions, details, and compliance's with pertaining codes, ie SBCCI, CABO, and NEC, the final responsibility of such falls solely on the builder/contractor, and discrepancies found shall be resolved prior to start of construction. Designer/Architect shall not be held liable for any grievances that may result in the future due to human error on my part or the part of others.

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Vapor retarder - a 6-mil polyethylene or approved vapor retarder with joints lapped not less than 6 inches (152mm) shall be placed between the concrete floor slab and the base course or the prepared subgrade where no base course exists.

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For cabinets refer to Reasonable Accommodation Sheet to determine base cabinet height (whether ADA (30") or traditional (36"). Also will determine whether ADA showers with grab bars or traditional tub/shower combos will be used.

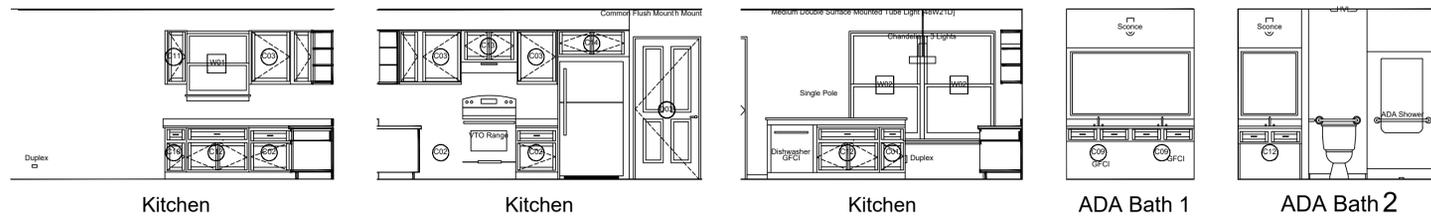
CABINET SCHEDULE							ADA	STD
NUMBER	QTY	FLOOR	WIDTH	DEPTH	DESCRIPTION	HEIGHT	HEIGHT	
C01	1	2	15"	24"	BASE CABINET	30"	36"	
C02	3	2	24"	24"	BASE CABINET	30"	36"	
C03	3	2	24"	12"	WALL CABINET	30"		
C06	1	2	24"	24"	CORNER BASE CABINET	30"	36"	
C07	1	2	24"	24"	CORNER WALL CABINET	30"	36"	
C09	2	2	36"	24"	BASE CABINET	30"		
C10	1	2	12"	24"	BASE CABINET	30"	36"	
C11	1	2	12"	12"	WALL CABINET	30"		
C12	3	2	36"	24"	BASE CABINET	30"		
C13	1	2	30"	12"	WALL CABINET	18"		
C14	1	2	39"	24"	WALL CABINET	15"		

(2 Ply) 2"x12" Beams 144 Ft
(2 @ 18 Ft)
(6 @ 8 Ft)
(2 @ 20 Ft)
(2 @ 10 Ft)

DOOR SCHEDULE										
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER	THICKNESS
D02	2668	1	2	2668 R IN	30"	80"	32" X 82 1/2"	HINGED-DOOR P07	2X6X35" (2)	1 3/8"
D03	3068	1	2	3068 R EX	36"	80"	38" X 83"	EXT. HINGED-DOOR P07	2X6X41" (2)	1 3/4"
D04	3068	5	2	3068 R IN	36"	80"	38" X 82 1/2"	HINGED-DOOR P07	2X6X41" (2)	1 3/8"
D05	3068	1	2	3068 L EX	36"	80"	38" X 83"	EXT. HINGED-DOOR P07	2X6X41" (2)	1 3/4"
D06	5068	2	2	5068 L/R	60"	80"	62" X 82 1/2"	4 DR. BIFOLD-DOOR P11	2X8X65" (2)	1 3/8"
D07	6068	2	2	6068 L/R	72"	80"	74" X 82 1/2"	4 DR. BIFOLD-DOOR P11	2X10X77" (2)	1 3/8"
D08	3068	2	2	3068 L IN	36"	80"	38" X 82 1/2"	HINGED-DOOR P07	2X6X41" (2)	1 3/8"

WINDOW SCHEDULE											
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER	TOP	
W01	3030DH	1	2	3030DH	36"	80"	36" X 36"	EGRESS	DOUBLE HUNG	2X6X39" (2)	84"
W02	3450DH	10	2	3450DH	40"	60"	40" X 60"		DOUBLE HUNG	2X6X43" (2)	84"

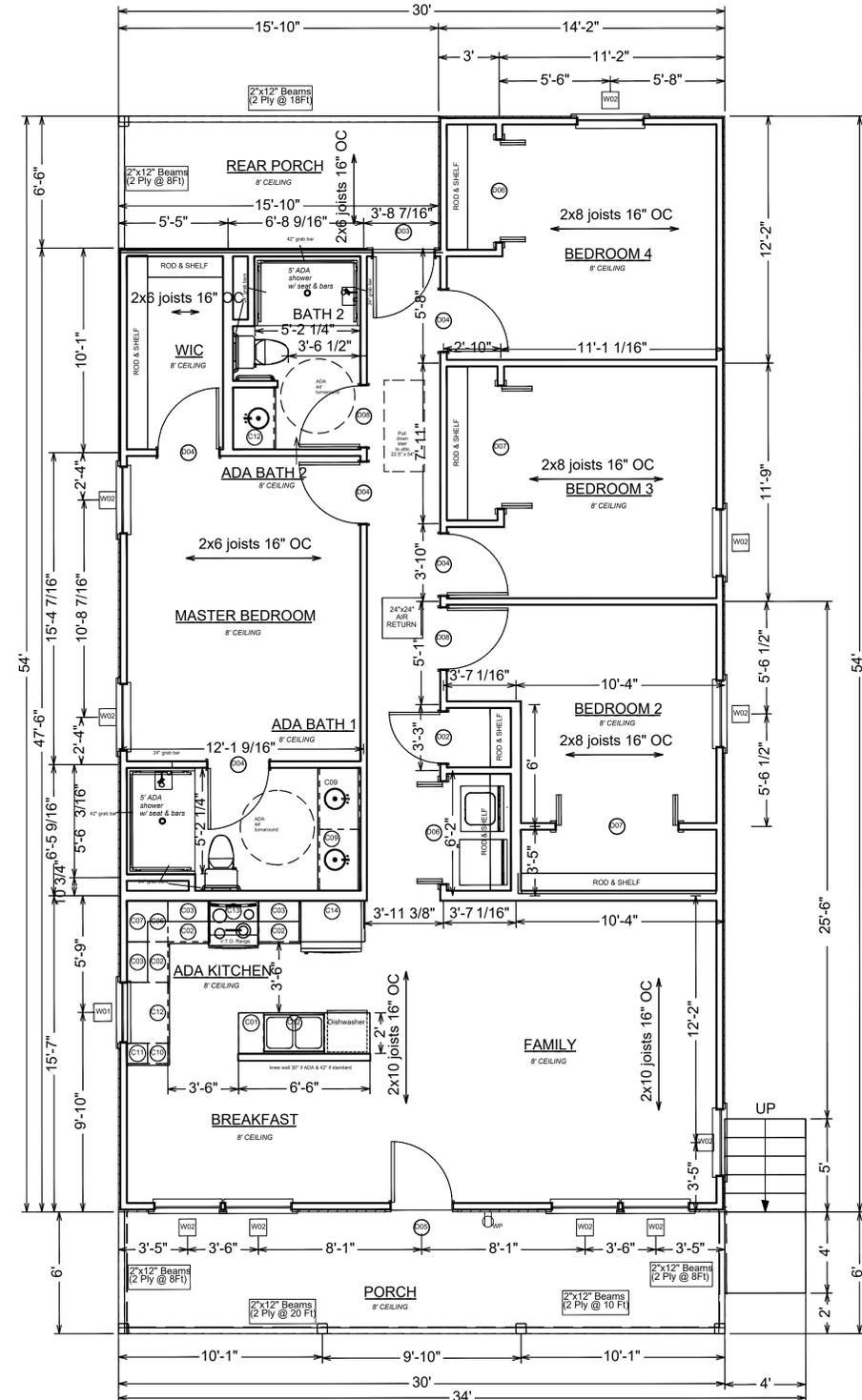
Cabinets 1/4" = 1'



Stairways notes:

- Treads and risers - 3/4" max. riser & 10" min. tread - nosing 3/4" - 1 1/4"
- Handrails - (34" - 38") circular 1 1/4" - 2" diameter (required if 4 or more risers)
- Guardrails (required >30" high) 36" guard (34" stairs), 4" max opening in rail
- R311.1.7.3: A flight of stairs shall not have a verticle rise of more than 147 inches between floor levels or landings.
- R 312.1.2 - Required guards at open-sided walking surfaces, including stairs, porches, balconies, or landings, shall not be less than 36" in height as measured vertically above the adjacent waking surface or the line connecting the leading edge of the treads.
- Handrails shall be provided on not less than one side of each continuous run of treads of flight with 4 or more risers.
- Handrail height measured vertically from sloped plne adjoining the tread nosing, or finish surface of ramp slope, shall not be less than 34" and not more than 38".
- Landings for stairways - There shall be a floor or landing at the top and bottom of each stairway. the width perp. to direction of travel shall not be less than the width of the flight served. The depth of direction of travel shall not

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1500 SQ FT LIVING
182 SQ FT FRONT PORCH
106 SQ FT REAR PORCH
1788 SQ FT UB (TOTAL)

Floorplan 1/4" = 1'

REVISION TABLE	
NUMBER	DATE / REVISION BY / DESCRIPTION

Project Location:

Residence:
Plan: Dogwood ADA

DRAWINGS REVISED BY:
UDS HOMES
Drawn by: Dilsad Meratler

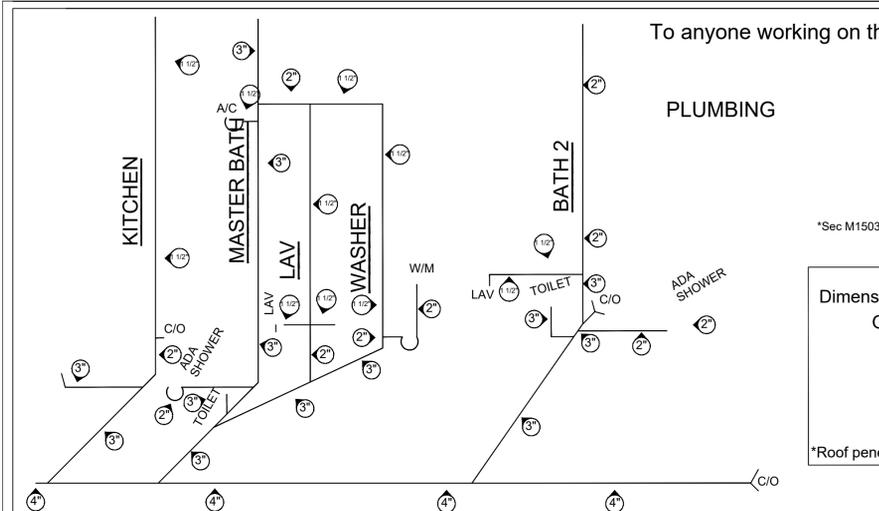
DATE:
7/20/2022

SCALE:

SHEET:
P-2

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PLUMBING

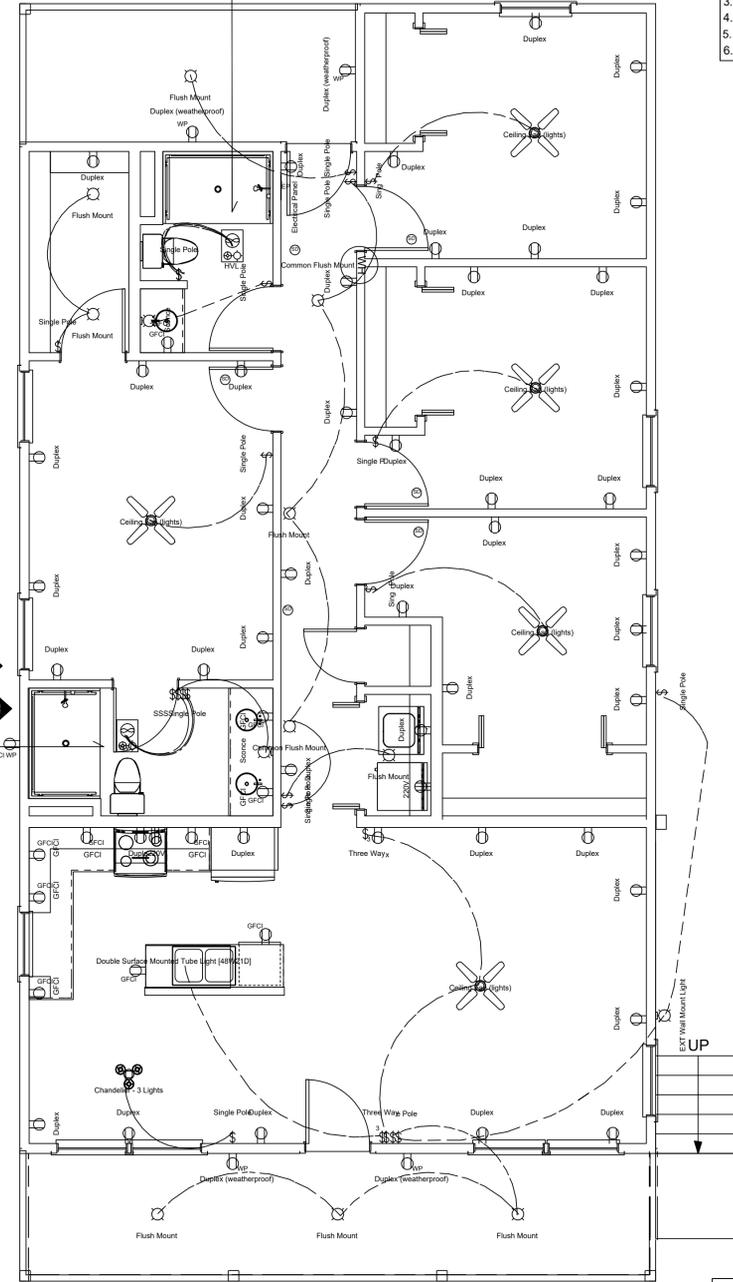
*Sec M1503 - range hoods shall discharge to the outdoors through a duct

HVL - Nutone Model 665RP
 Dimensions: Housing 14 5/8" x 7 7/8" x 5 5/8"
 Grille 9 7/8" x 16 1/4" x 1 3/4"
 4" diameter duct
 120VAC, 60HM, 12.5A
 70 CFM
 Duct: 4" metal pipe with roof jack

*Roof penetration with metal duct in parishes requiring it.

MEP

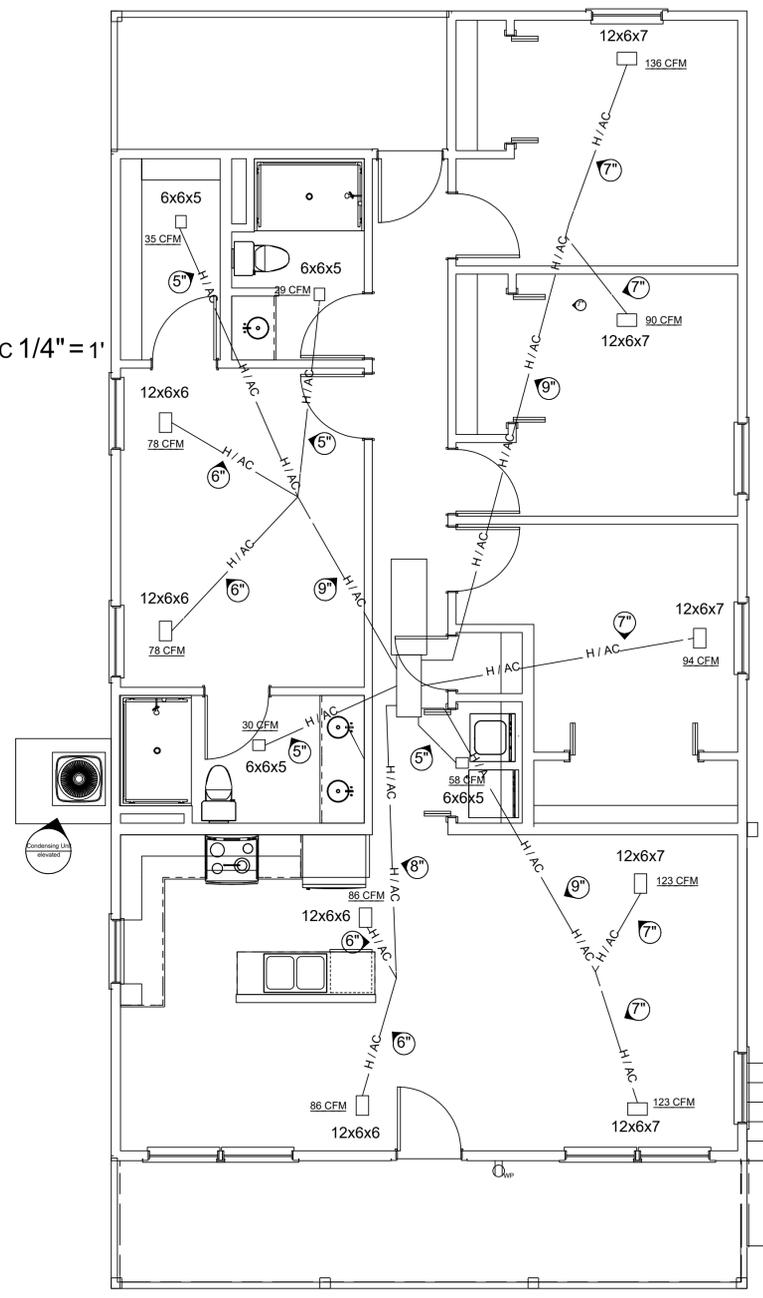
HVL vented 4" metal duct vert. through roof (5'11" from HVL to roof)



PROTECTION AGAINST TERMITES
 Sec. R 318: Protection against termites must be provided. Methods of protection shall be one, or a combination of the following methods:
 1. Chemical termite treatment in accordance with Section R318.2
 2. Termite baiting system installed and maintained in accordance with the label.
 3. Pressure-preservative-treated wood in accordance with the provisions of Section R317.1
 4. Naturally durable termite resistant wood
 5. Physical barriers in accordance with Section R318.3 and used in locations as specified in Section R317.1
 6. Cold-formed steel framing in accordance with sections R505.2.1 and R603.2.1

2D SYMBOL	NUMBER	QTY	FLOOR	ATTACHED TO	DESCRIPTION	CODE
[Symbol]	E01	1	2	WALL	EXT WALL MOUNT LIGHT	
[Symbol]	E02	2	2	CEILING	HVL - NUTONE MODEL 665RP DIMENSIONS: HOUSING 14 5/8" X 7 7/8" X 5 5/8" GRILLE 9 7/8" X 16 1/4" X 1 3/4" 4" DIAMETER DUCT 120VAC, 60HZ, 12.5A 70 CFM	
[Symbol]	E03	10	2	CEILING	COMMON FLUSH MOUNT	
[Symbol]	E04	1	2	CEILING	CHANDELIER - 3 LIGHTS	
[Symbol]	E05	5	2	CEILING	CEILING FAN (LIGHTS)	
[Symbol]	E06	4	2	WALL	DUPLEX (WEATHERPROOF)	
[Symbol]	E07	22	2	WALL	SINGLE POLE	
[Symbol]	E09	2	2	CABINET	GFCI	
[Symbol]	E10	2	2	WALL	220V	
[Symbol]	E11	45	2	WALL	DUPLEX	
[Symbol]	E12	8	2	WALL	GFCI	
[Symbol]	E13	2	2	WALL	SCONCE	
[Symbol]	E14	1	2	CEILING	MEDIUM DOUBLE SURFACE MOUNTED TUBE LIGHT (48W21D)	
[Symbol]	E15	6	2	CEILING	SMOKE DETECTOR	
[Symbol]	E16	1	2	WALL	ELECTRICAL PANEL	
[Symbol]	E17	2	2	WALL	THREE WAY at end of hall	
[Symbol]	E18	1	2	WALL	GFCI WP	

HVAC 1/4" = 1'



HVL vented 4" metal duct vert. through roof (3'5" from HVL to roof surface)

Electrical 1/4" = 1'
 Current code: 2014 NEC

ATTIC & DECKING:
 Attic access shall be a min. of 22"x30" with a vertical height of 30" or more.
 Decking 30"x30" minimum work area
 Catwalk >20' needs 6' headroom - max 50' length
 Attic crawl space must provide 1 SqFt ventilation per 150 SqFt of area unless conditioned space.

HVAC:
 3 TON HEAT PUMP 14 SEER 10 KW EMERGENCY HEAT
 GOODMAN GSZ-140361- CONDENSER
 ARUF 37C AIR HANDLER W/ EXPANSION VALVE
 24X24 RETURN AIR FILTER
 MAX CFM AT .5 WC 1375

FOR ADA PLANS
 LIGHT SWITCHES, THERMOSTAT, CONTROLS, AND ALL OTHER FUNCTION CONTROLS SHOULD BE INSTALLED AT HEIGHTS OF AROUND 36" TO 48"
 *PLATE ROCKER SWITCH TO BE USED FOR UNIVERSAL ACCESSIBILITY.

REFER TO REASONABLE ACCOMODATION SHEET TO DETERMINE IF PLAN REQUIRES ADA. AN ADA PLAN REQUIRES LIGHT SWITCHES, THERMOSTAT, CONTROLS, AND ALL OTHER FUNCTION CONTROLS SHOULD BE INSTALLED AT HEIGHTS OF AROUND 36" TO 48"
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Residence:
 Plan: Dogwood ADA

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 UDS HOMES
 Drawn by: Dilas Meraler

DATE:
 7/20/2022

SCALE:

SHEET:
P3

