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See Fortified Gold Standards for reference:

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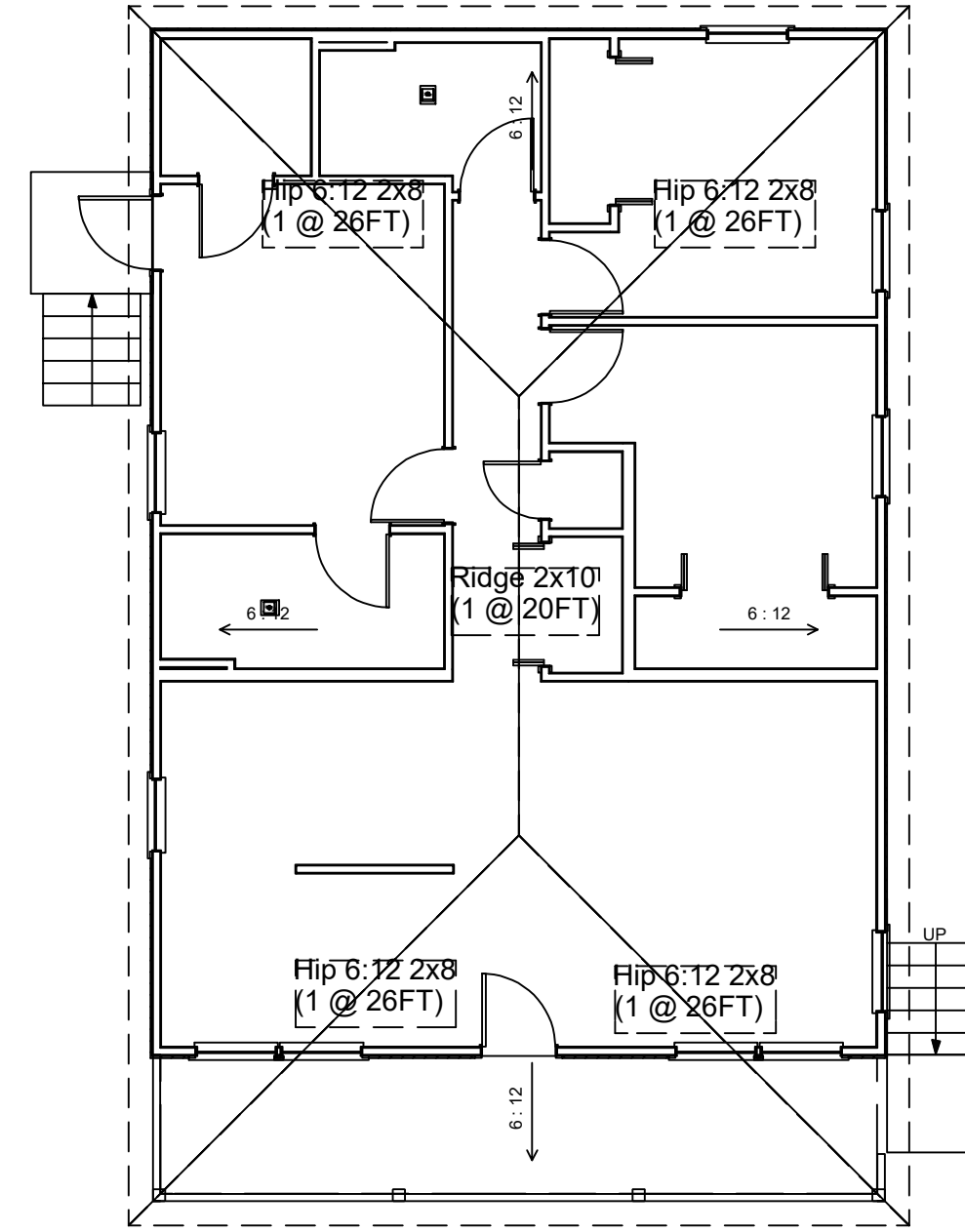
- * Pressure-rated Windows & Doors See Fortified Home Standard 2020 5.2-5.3
 - * Stronger Exterior Sheathing- See Fortified Home Standard 2020 6.3
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Hip 6" x 12" 2x8 104 FT
(4 @ 26FT)

Ridge 2 x 10 20 FT
(1 @ 20 FT)



Roof Plan 1/8" = 1'

Standard Walls 2"x4" 16" O.C.
Plumbing walls 2"x6" 16" O.C.

Joists to follow current code IRC 2021
#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"

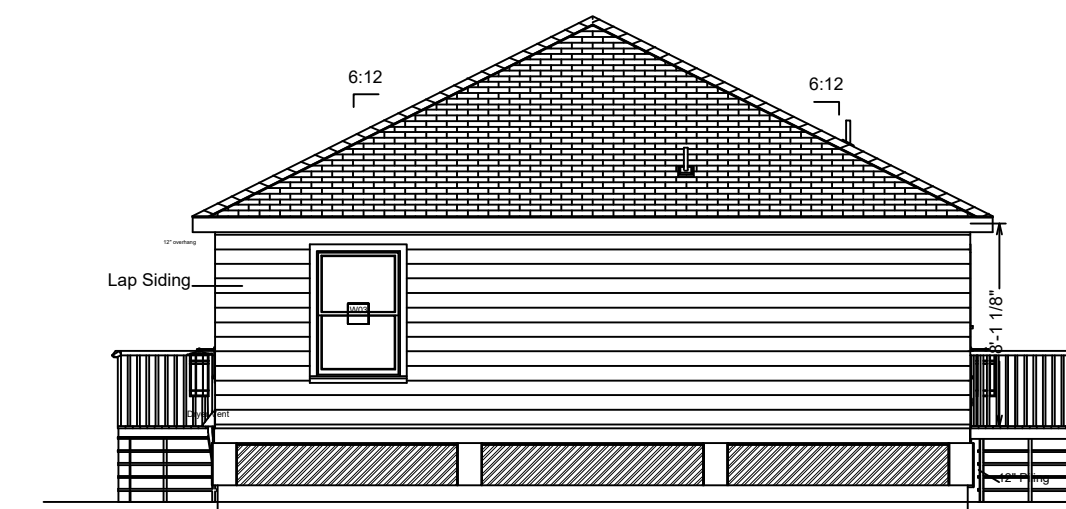
Wood stud walls to be capped with double top plate [IRC 602.3.2].
Exterior side of exterior wall, sheathing to be continuously sheathed with a minimum 7/16" wood structural panels [IRC 602.12.2].
Exterior structural wood sheathing shall be 8d common or 10d box nailed 6" o.c. at edges and 12" o.c. in 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 803.1] 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].

FOUNDATION DESIGN :
Type of the pillars (wood, concrete columns or CMU) will be decided after soil analysis done and structural engineer design per job site.

This plan shows generic wood pillar option.



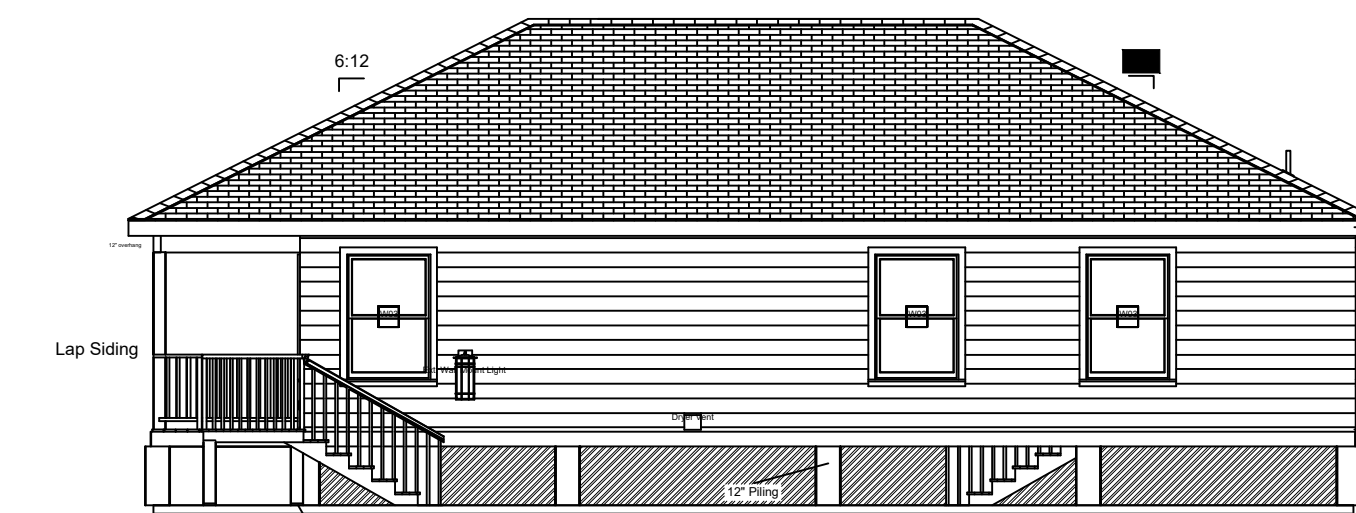
Front Elevation 1/4" = 1'



Rear Elevation 1/8" = 1'

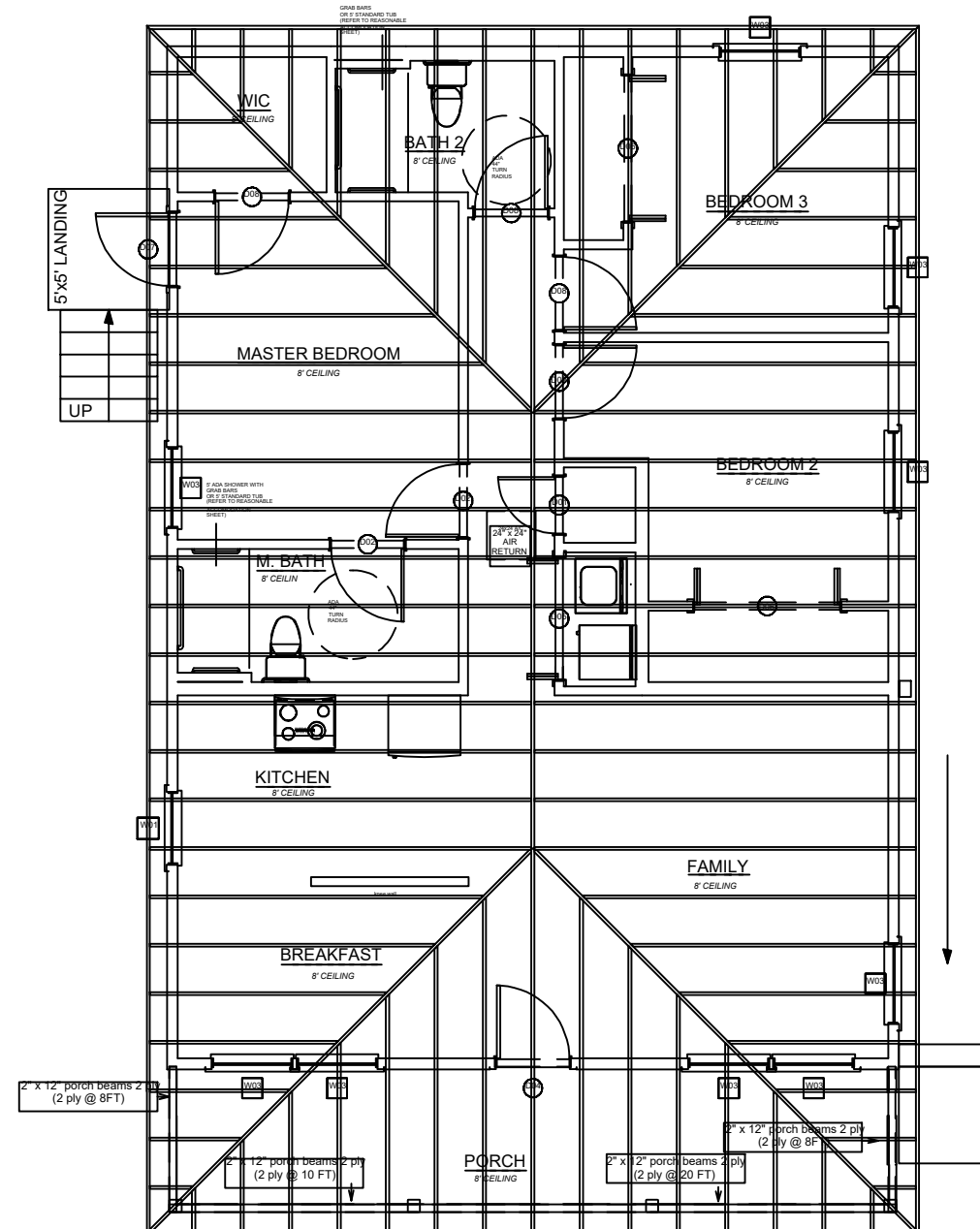
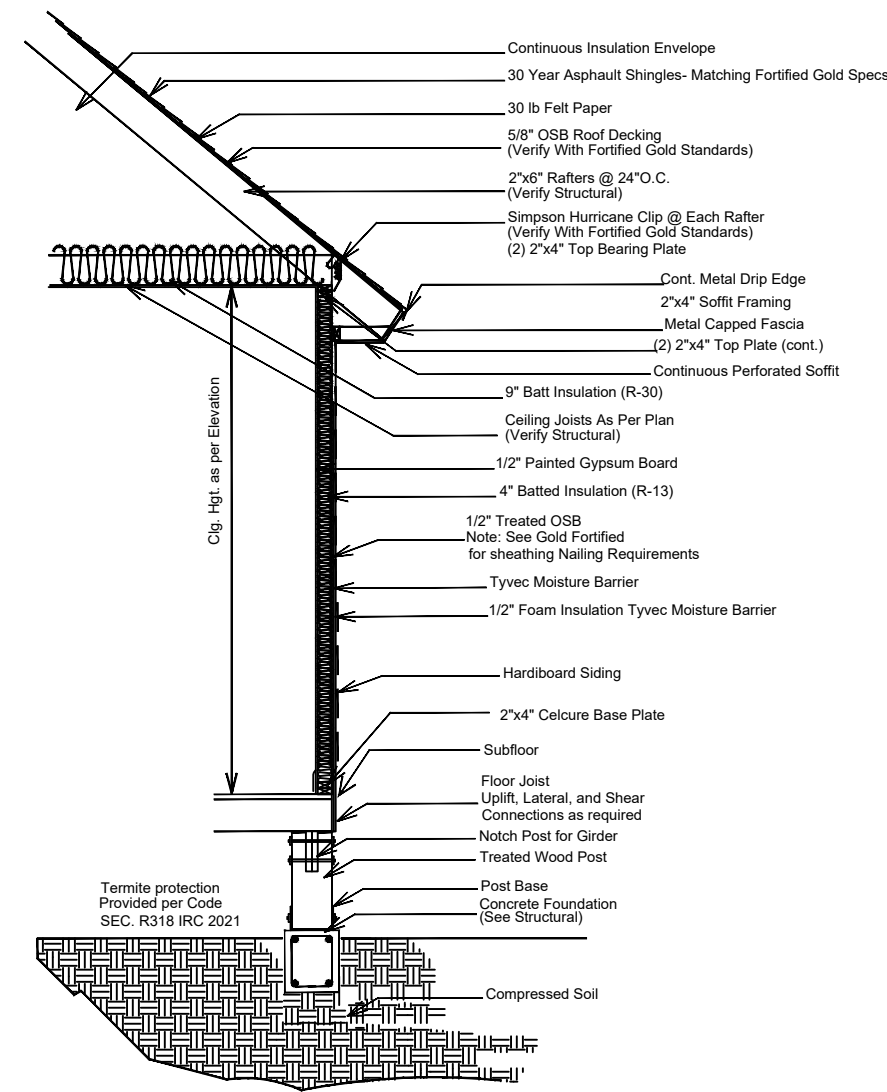


Left Elevation 1/8" = 1'



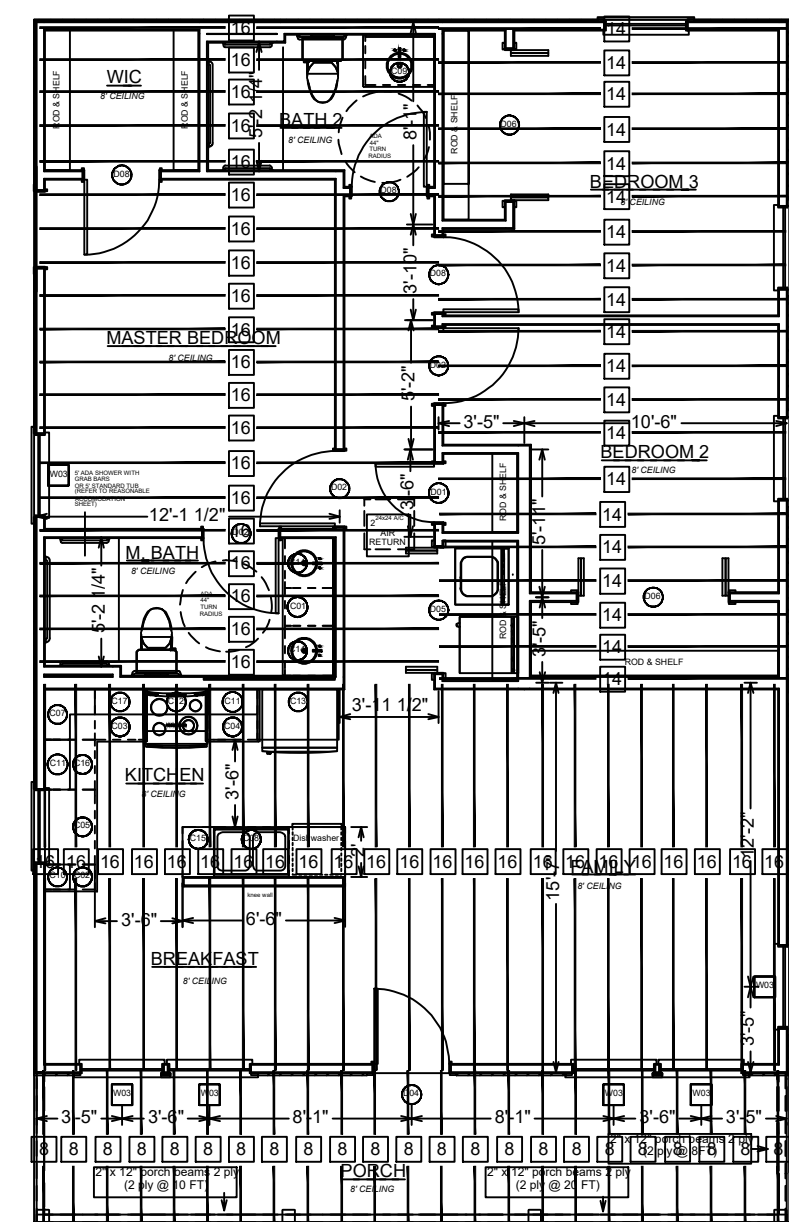
Right Elevation 1/8" = 1'

TYPICAL WALL DETAIL



Roof Framing 1/8" = 1'

Rafter straps every rafter



Ceiling Joist

PLY) 2: X 12" PORCH BEAMS 2PLY92 FT
(4 @ 8 FT)
(2 @ 20 FT)
(2 @ 10 FT)

2X6 686 FT
(13 / 14.00)
(20 / 16.00)
(23 / 8.00)

2X10 368 FT
(23 / 16.00)

2X8 98 FT
(7 / 14.00)

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REVISION TABLE	
NAME	DATE

Project Location:

Residence
Cypress ADA Elevated

DRAWINGS REVISED BY:
UDS HOWES
Drawn by: Dilsad Merataler

DATE:
8/11/2022

SCALE:

P-1

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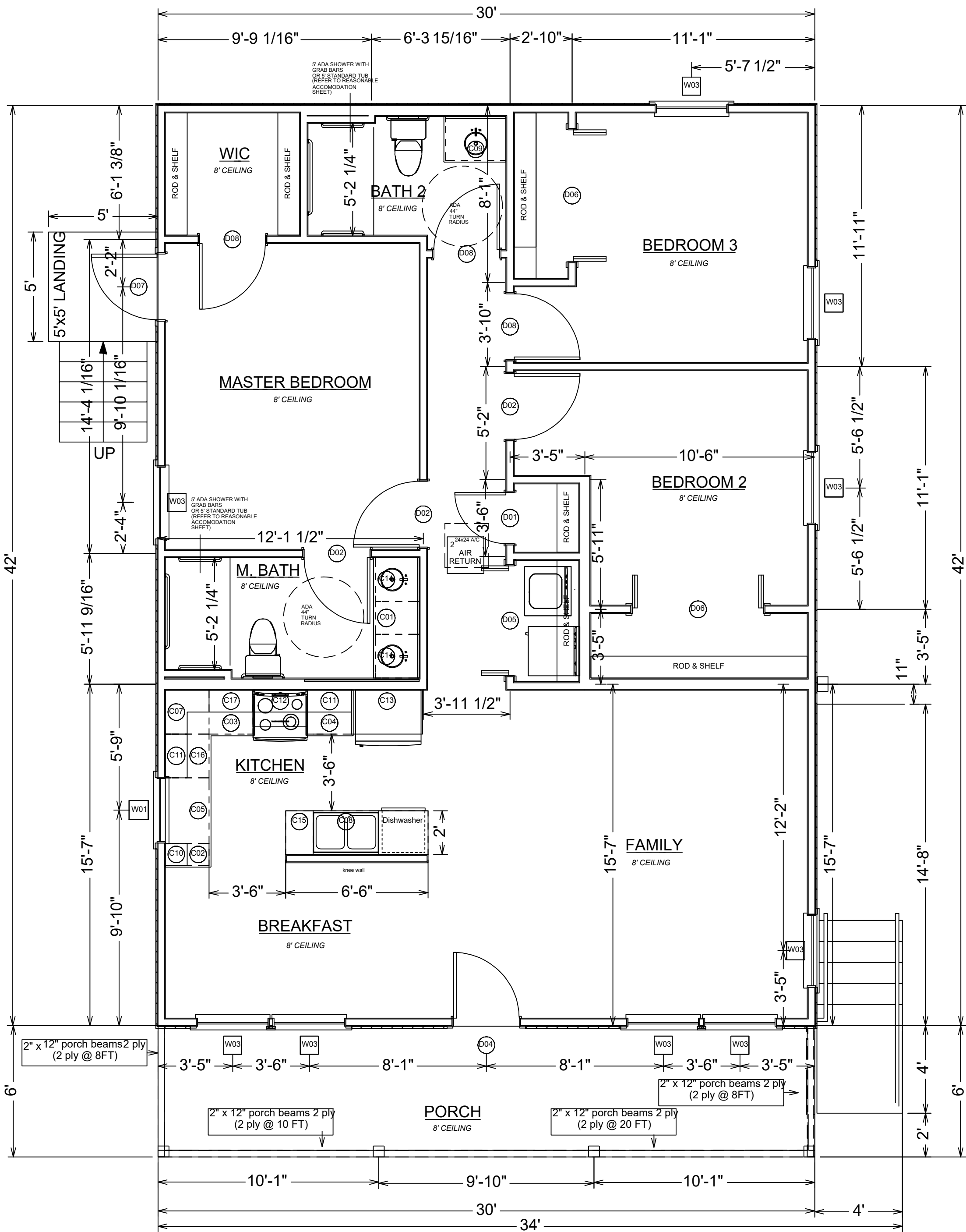
PROTECTION AGAINST TERMITES

Sec. R 318: Protection against termites must be provided. Methods of protection shall be one, or a combination of the following methods:

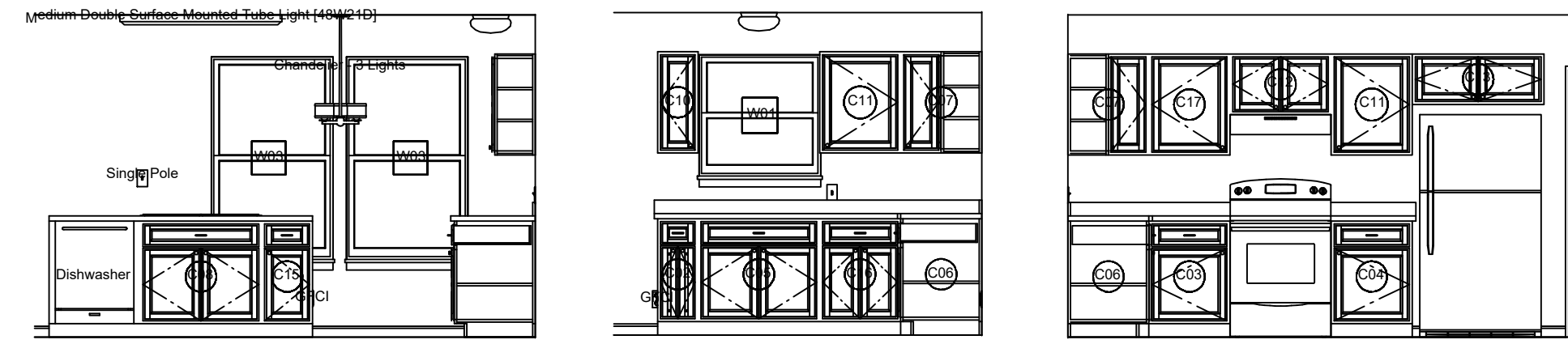
1. Chemical termite treatment in accordance with Section R318.2
2. Termite baiting system installed and maintained in accordance with the label.
3. Pressure-preservative-treated wood in accordance with the provisions of Section R317.1
4. Naturally durable termite resistant wood
5. Physical barriers in 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

Columns adequately anchored to prevent lateral displacement.

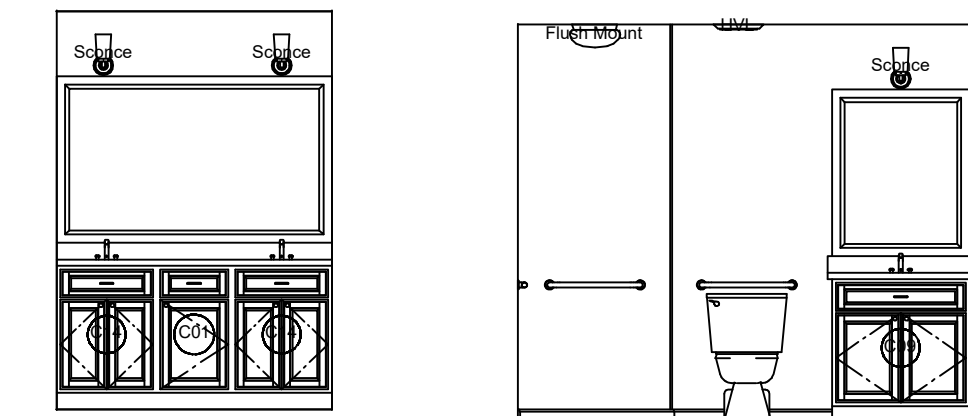
NOTE: HOUSE TO HAVE WHOLE HOUSE VENTILATION



Floorplan 1/4" = 1'



Kitchen 1/4" = 1' Kitchen 1/4" = 1' Kitchen 1/4" = 1'



Master Bath 1/4" = 1' Bath 2 1/4" = 1'

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.

DOOR SCHEDULE										
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER	THICKNESS
D01	2468	1	2	2468 R IN	28"	80"	30"X82 1/2"	HINGED-DOOR P07	2X6X33" (2)	1 3/8"
D02	3068	3	2	3068 L IN	36"	80"	38"X82 1/2"	HINGED-DOOR P07	2X6X41" (2)	1 3/8"
D04	3068	1	2	3068 L EX	36"	80"	38"X83"	EXT. HINGED-DOOR P07	2X6X41" (2)	1 3/4"
D05	5068	1	2	5068 L/R	60"	80"	62"X82 1/2"	4 DR. BIFOLD-DOOR P1	2X8X65" (2)	1 3/8"
D06	6068	2	2	6068 L/R	72"	80"	74"X82 1/2"	4 DR. BIFOLD-DOOR P1	2X10X77" (2)	1 3/8"
D07	3068	1	2	3068 R EX	36"	80"	38"X83"	EXT. HINGED-DOOR P07	2X6X41" (2)	1 3/4"
D08	3068	3	2	3068 R IN	36"	80"	38"X82 1/2"	HINGED-DOOR P07	2X6X41" (2)	1 3/8"

WINDOW SCHEDULE											
NUMBER	LABEL	QTY	FLOOR	SIZE	WIDTH	HEIGHT	R/O	EGRESS	DESCRIPTION	HEADER	TOP
W01	3030DH	1	2	3030DH	36"	36"	36"X36"		DOUBLE HUNG	2X6X39" (2)	84"
W03	3450DH	9	2	3450DH	40"	60"	40"X60"		DOUBLE HUNG	2X6X43" (2)	84"

CABINET SCHEDULE									
NUMBER	LABEL	QTY	FLOOR	WIDTH	DEPTH	DESCRIPTION	STD HEIGHT	ADA HEIGHT	
C01	B18R	1	2	18"	24"	BASE CABINET	36"	30"	
C02	B12	1	2	12"	24"	BASE CABINET	36"	30"	
C03	B24L	1	2	24"	24"	BASE CABINET	36"	30"	
C04	B24R	1	2	24"	24"	BASE CABINET	36"	30"	
C05	B36	1	2	36"	24"	BASE CABINET	36"	30"	
C06	LCB24R	1	2	24"	24"	CORNER BASE CABINET	36"	30"	
C07	LCW2430R	1	2	24"	24"	CORNER WALL CABINET	30"		
C08	SB36	1	2	36"	24"	BASE CABINET	36"	30"	
C09	SB33	1	2	33"	24"	BASE CABINET	36"	30"	
C10	W1230L	1	2	12"	12"	WALL CABINET	30"		
C11	W2430R	2	2	24"	12"	WALL CABINET	30"		
C12	W3018	1	2	30"	12"	WALL CABINET	18"		
C13	W391524	1	2	39"	24"	WALL CABINET	15"		
C14	SB24	2	2	24"	24"	BASE CABINET	36"	30"	
C15	B15R	1	2	15"	24"	BASE CABINET	36"	30"	
C16	B24	1	2	24"	24"	BASE CABINET	36"	30"	
C17	W2430L	1	2	24"	12"	WALL CABINET	30"		

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Stairways notes:

- Treads and risers - 7 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

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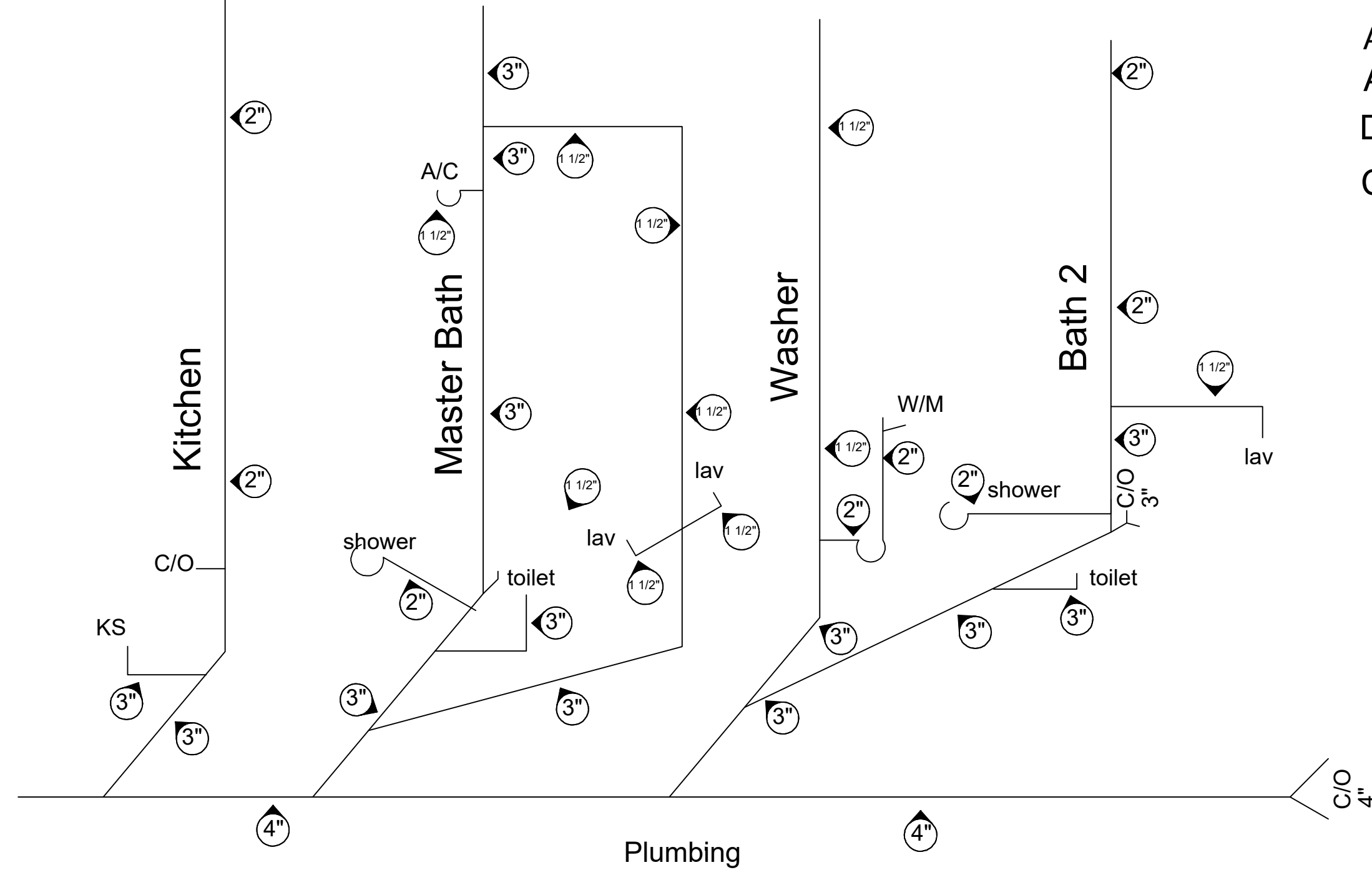
DRAWINGS REVISED BY:
UDS HOMES
Drawn by: Dilsad Meratler

DATE:

7/23/2022

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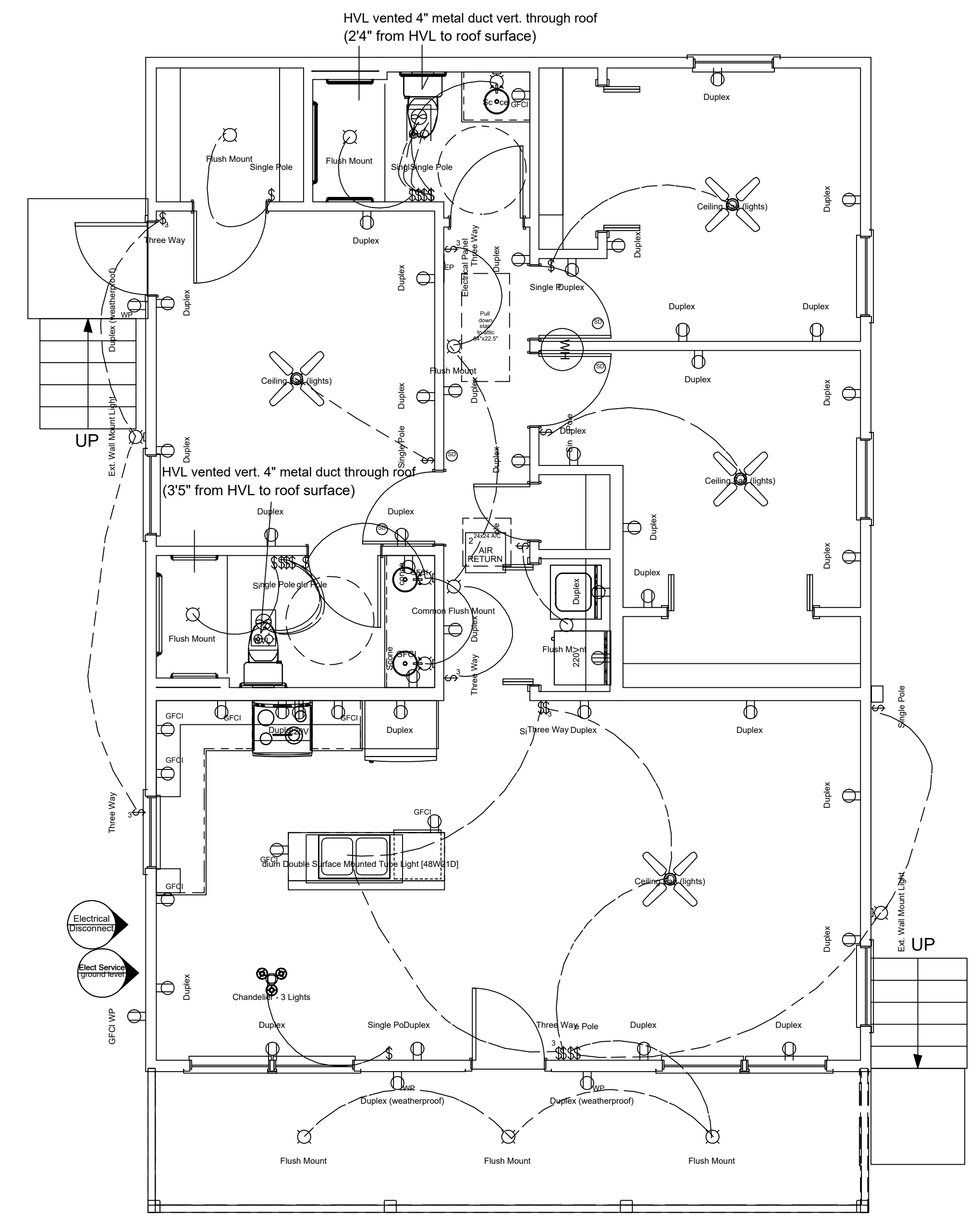
ATTIC & DECKING:
 Attic access shall be a min. of 22"x30" with a vertical height of 30" or more.
 Decking 30"x30" minimum work area
 Catwalk >20' needs 6' headroom - max 50' length

2D SYMBOL	NUMBER	QTY	FLOOR	ATTACHED TO	DESCRIPTION
	E01	2	2	WALL	EXT. WALL MOUNT LIGHT
	E02	1	2	WALL	GFCI WP
	E03	9	2	CEILING	COMMON FLUSH MOUNT
	E04	1	2	CEILING	CHANDELIER - 3 LIGHTS
	E05	4	2	CEILING	CEILING FAN (LIGHTS)
	E06	3	2	WALL	DUPLEX (WEATHERPROOF)
	E07	21	2	WALL	SINGLE POLE
	E09	2	2	CABINET	GFCI
	E10	2	2	WALL	220V
	E11	35	2	WALL	DUPLEX
	E12	8	2	WALL	GFCI
	E13	6	2	WALL	THREE WAY
	E14	1	2	CEILING	MEDIUM DOUBLE SURFACE MOUNTED TUBE LIGHT [48W/210]
	E15	4	2	CEILING	SMOKE DETECTOR
	E16	3	2	WALL	SCONCE
	E17	1	2	WALL	ELECTRICAL PANEL
	E18	2	2	CEILING	HVL - HVL - NUTONE MODEL 665RP DIMENSIONS: HOUSING 14 5/8" x GRILLE 9 7/8" x 16 1/4" x 1 3/4" 4" DIAMETER DUCT 120VACI 60HZI 12.5A 70 CFM

HVL - Nutone Model 665RP
 Dimensions: Housing 14 5/8" x
 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
 vented through roof

HVAC:
 2.5 TON 14 SEER HEAT PUMP SYSTEM - 10 KW EMERGENCY HEAT
 GOODMAN GSZ 140301 - CONDENSOR
 ARUF 31B - AIR HANDLER
 MAX AIR FLOW @ .5 (WC) 990 CFM

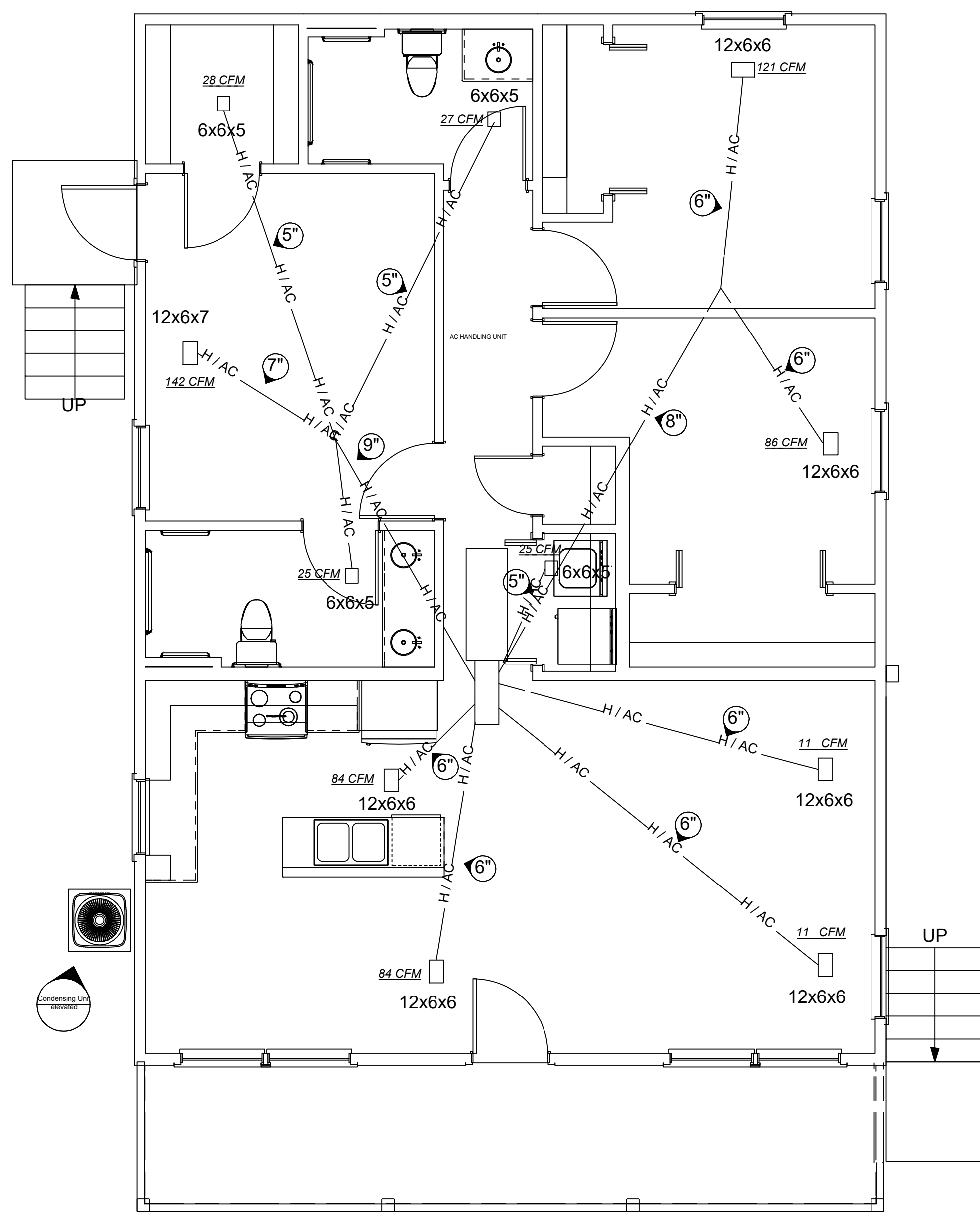
*Sec M1503 - range hoods shall discharge to the outdoors through a duct.



Electrical 1/4" = 1'

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.

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REVISION TABLE
NUMBER DATE REVISION BY DESCRIPTION

Project Location:

Residence
 Plan: Cypress ADA access

DRAWINGS REVISED BY:
 UDS HOMES
 Drawn by: Dilsad Meraler

DATE:
 7/23/2022

SCALE:

SHEET:
 P-3

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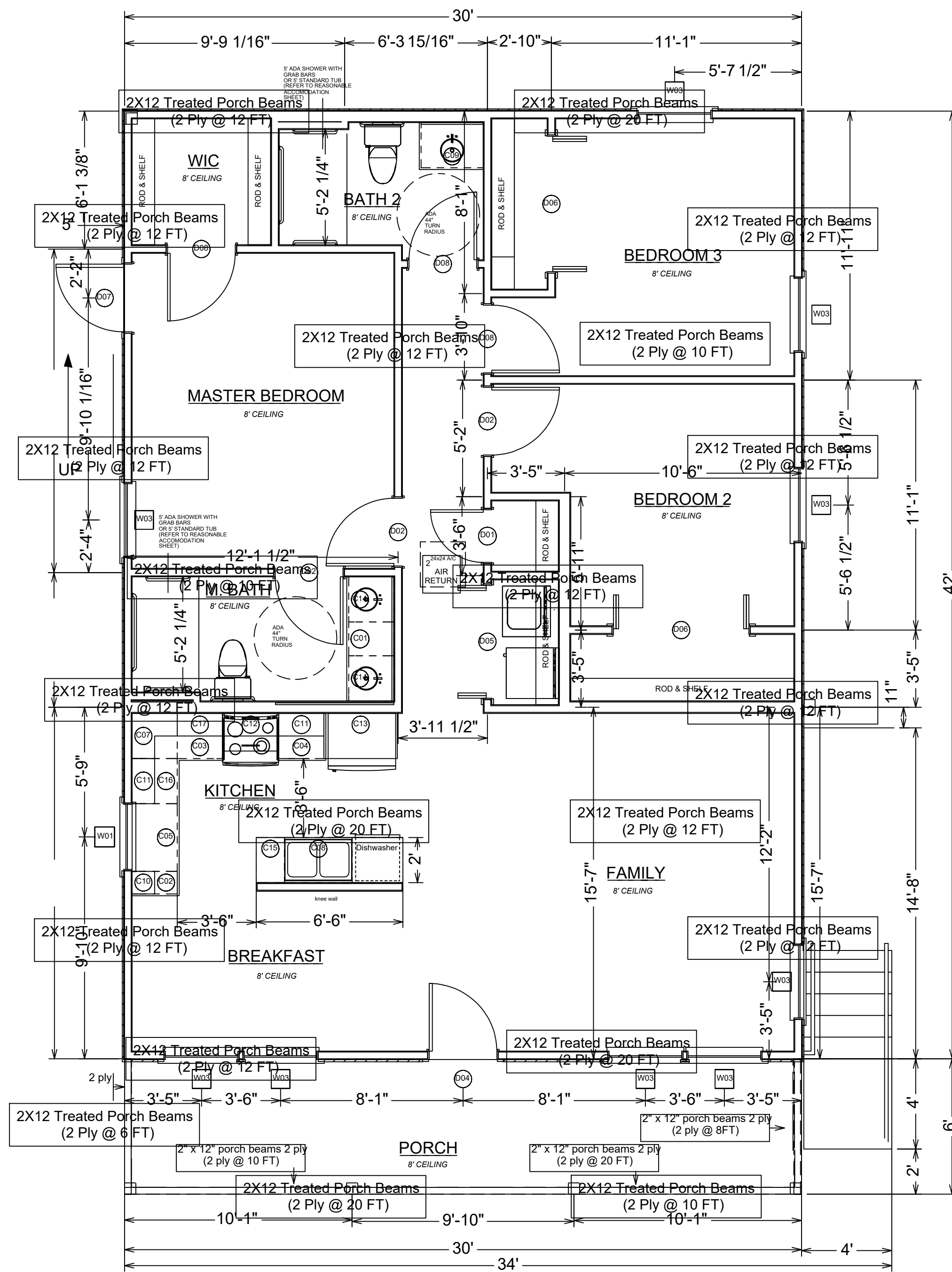
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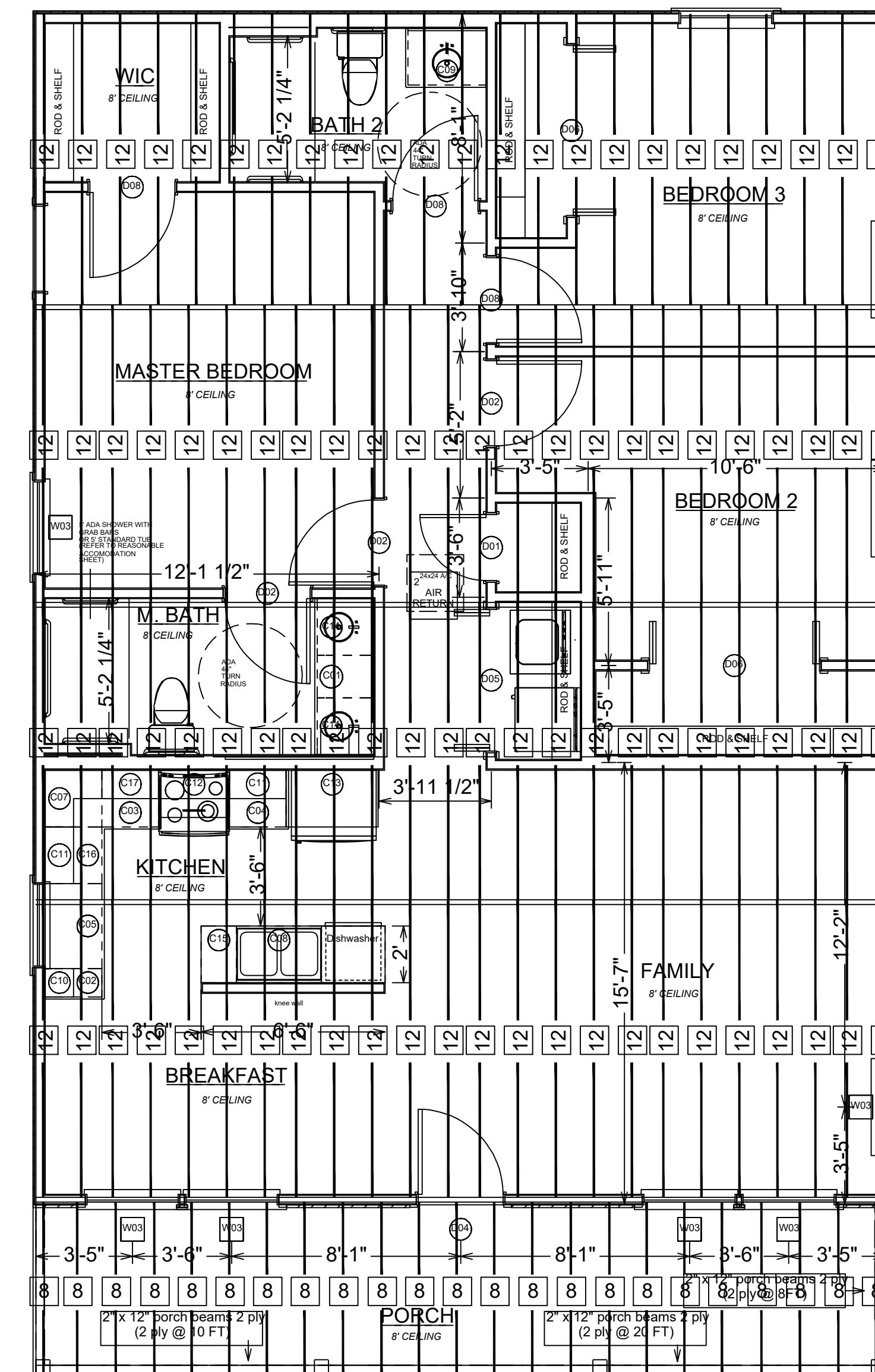
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TP SILL BEAM



SBB FLOOR JOIST



DO NOT USE THIS TO SET FORMS!

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UDS HOMES
Drawn by: Dilasad Meraler

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7/23/2022

SCALE:

SHEET:
P-4