



PLANS FOR

2 BEDROOM ADA LEFT LIVING ROOM WITH SIDING

1091 SQUARE FOOT

SHEET INDEX

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P102	DOMESTIC WATER PLANS
P103	ISOMETRIC PLUMBING PLAN
E101	ELECTRICAL PLAN



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 Consulting Engineers
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 Cell 479.422.0763
 Email:
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PROJECT:
 2 Bedroom Left
 Living Room with
 Siding
 1091 Square Foot

CLIENT:
 Housing Authority
 of the Cherokee Nation
 1500 Hensley Drive
 Tahlequah, Oklahoma
 74465-1007

SHEET:
 Title Sheet

APPROVED BY:
 CDG

DATE PREPARED:
 May 2022

DESIGNED BY:
 -

DRAWN BY:
 MDD

1.	REVISION PER HACN	5/30/23
0.	REVISION PER HACN	11/10/22
NO.	REVISION	DATE

A101
 SHEET NO.

22"x34" PRINT ONLY



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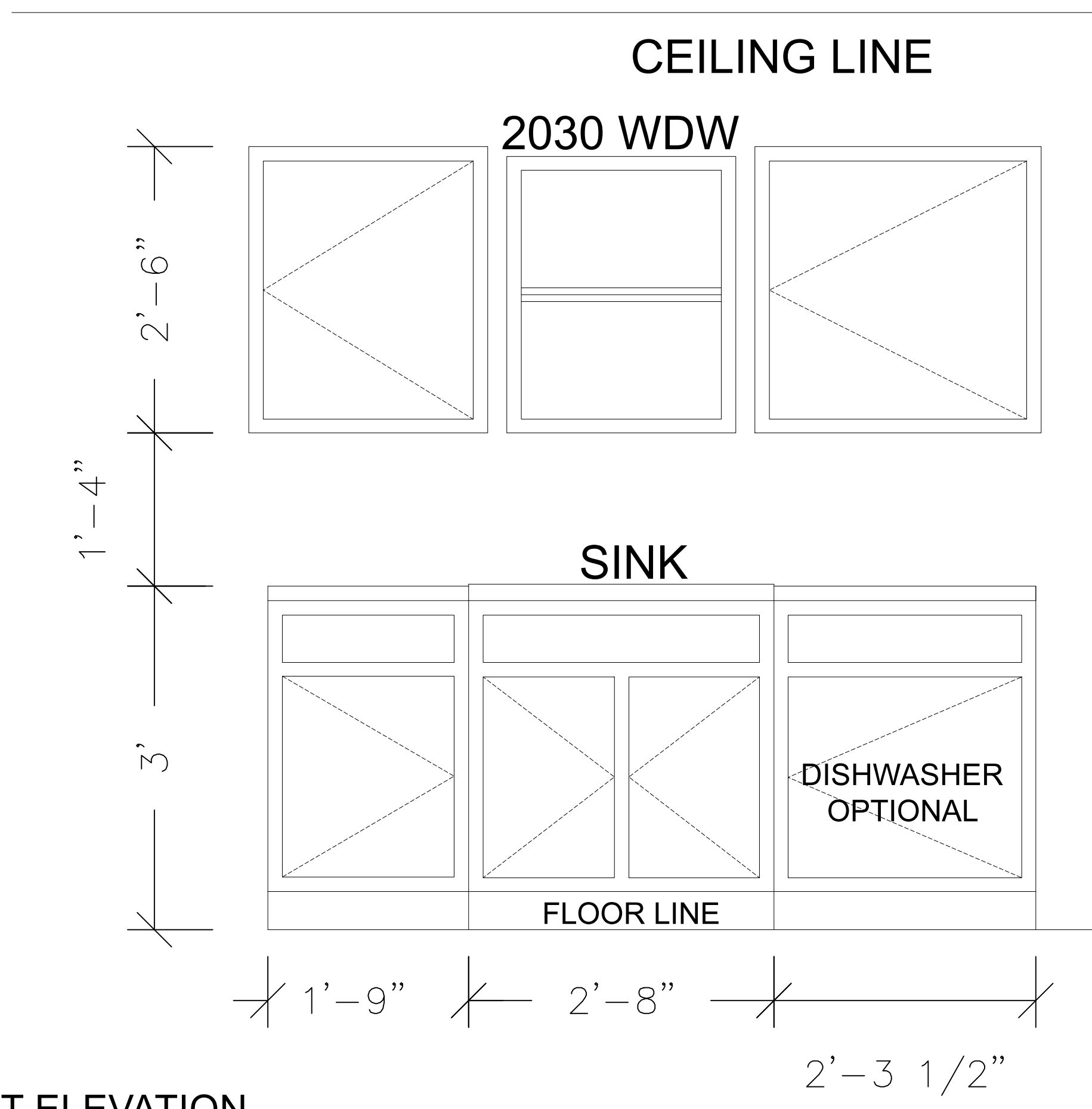
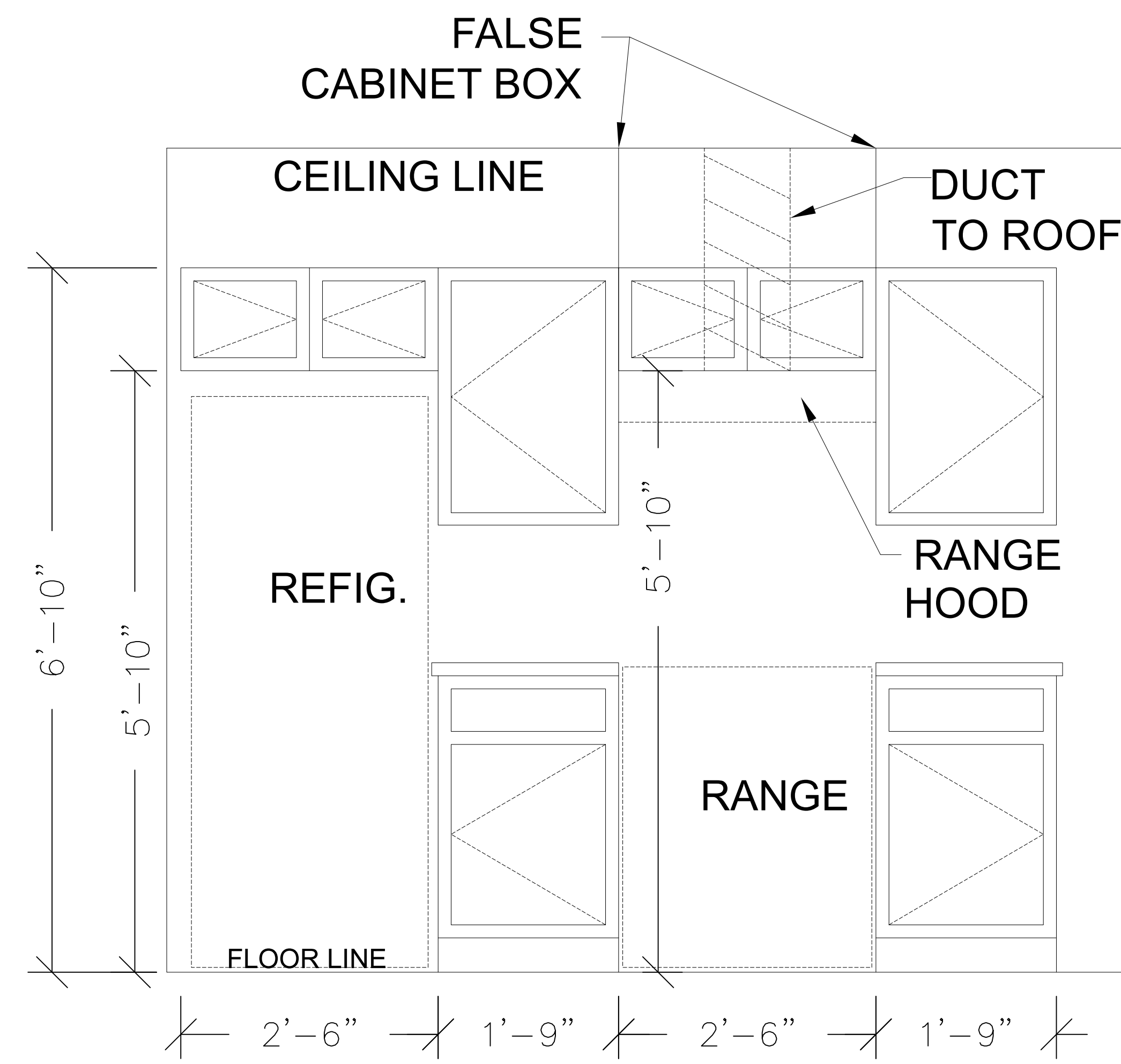
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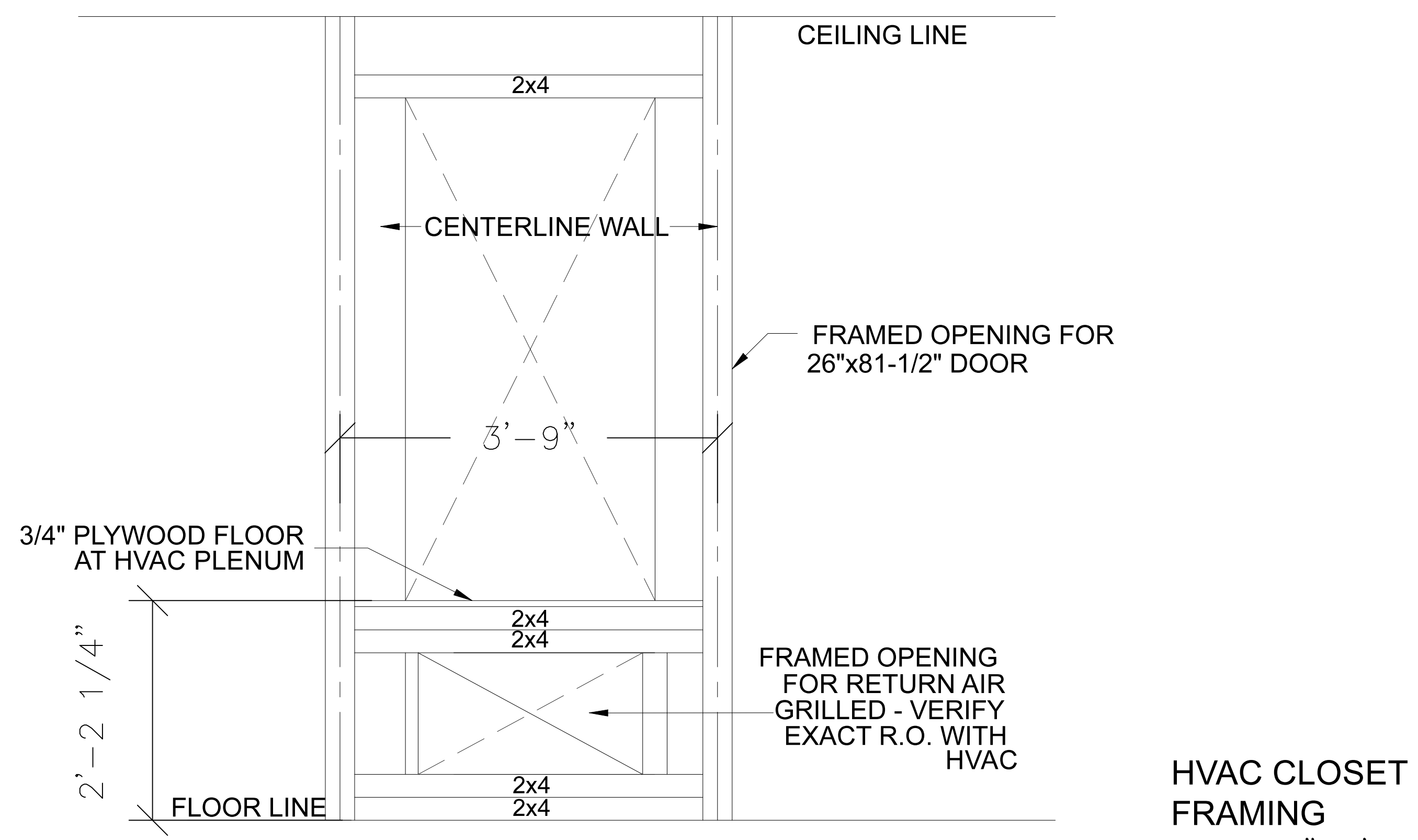
SHEET:
 HVAC and Cabinet
 Elevation

APPROVED BY:
 CDG
DATE PREPARED:
 September 2021
DESIGNED BY:
 .
DRAWN BY:
 MDD

NO.	REVISION	DATE
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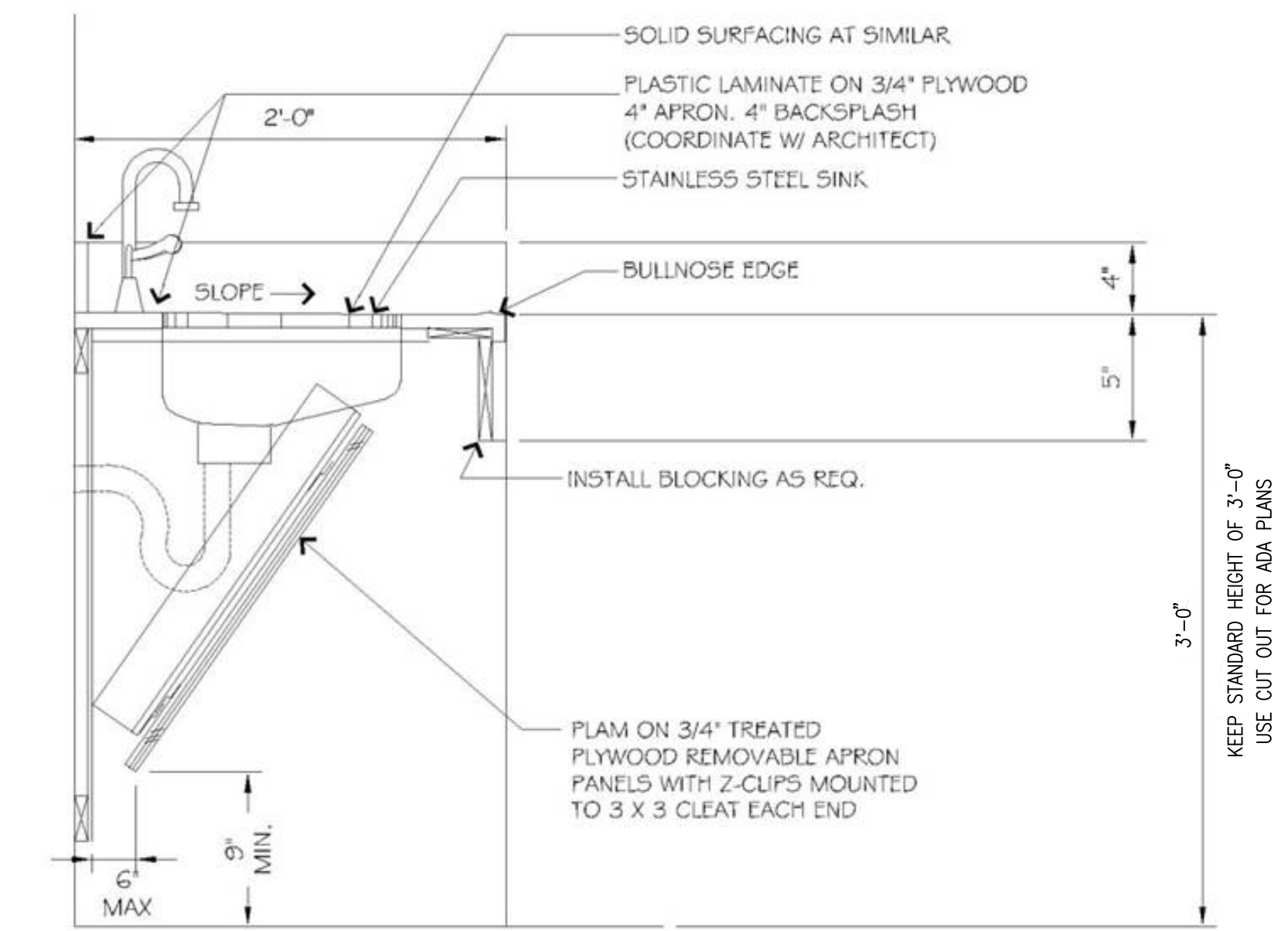


CABINET ELEVATION
 SCALE 1"=1'



HVAC CLOSET FRAMING
 SCALE 1"=1'

NOTE:
 ALL UNIT WILL BE SAME
 HEIGHT FOR ADA
 COMPLIANCE WITH
 OPEN UNDER SINK IN
 KITCHEN AND BATHROOM
 FOR WHEEL CHAIR
 ACCESSIBILITY. SEE
 ADA CABINET SIDE VIEW
 FOR DIMENSIONS.



ADA CABINET SIDE VIEW
 N.T.S.

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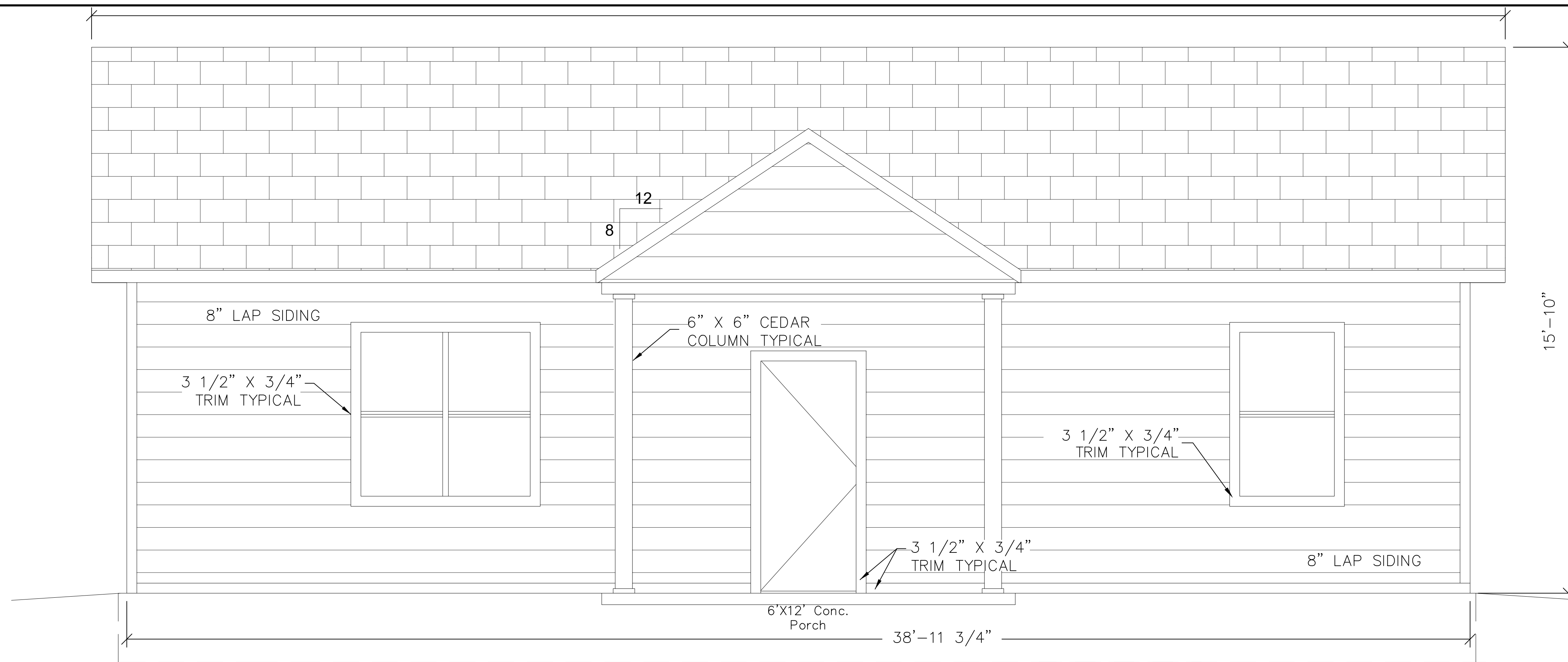
SHEET:
 Front and Rear
 Elevation

APPROVED BY:
 CDG
 DATE PREPARED:
 May 2022
 DESIGNED BY:
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 DRAWN BY:
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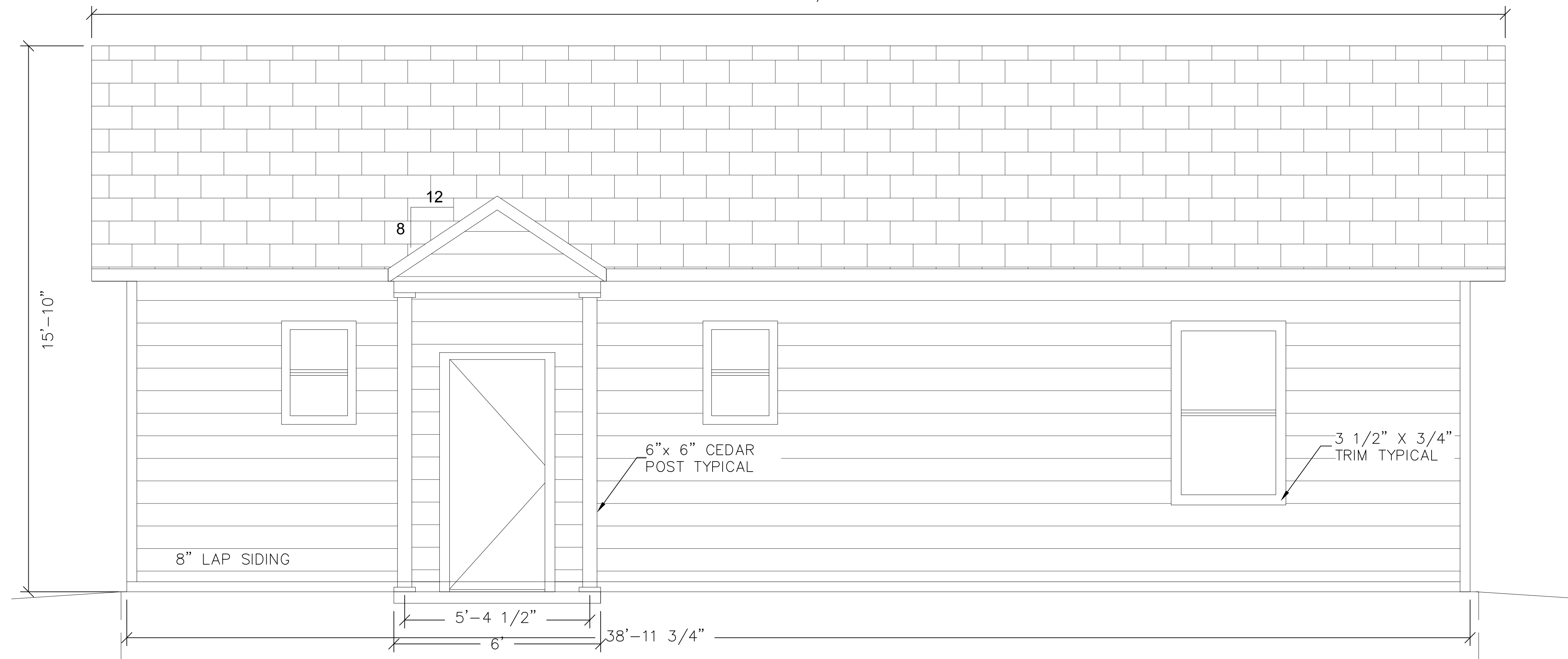
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FRONT ELEVATION

41'-0 1/4"



REAR ELEVATION

SCALE
 1/2" = 1'



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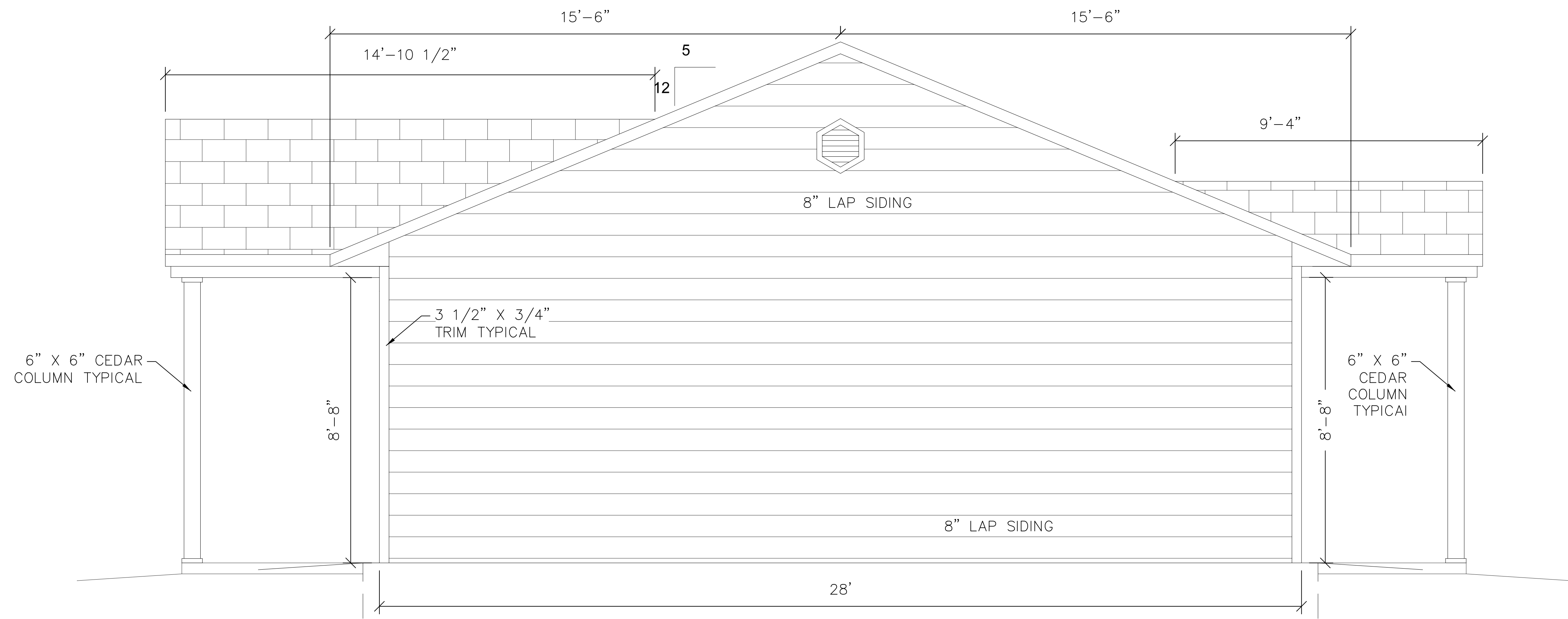
SHEET:
 Left and Right
 Elevation

APPROVED BY:
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 DESIGNED BY:
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 DRAWN BY:
 MDD

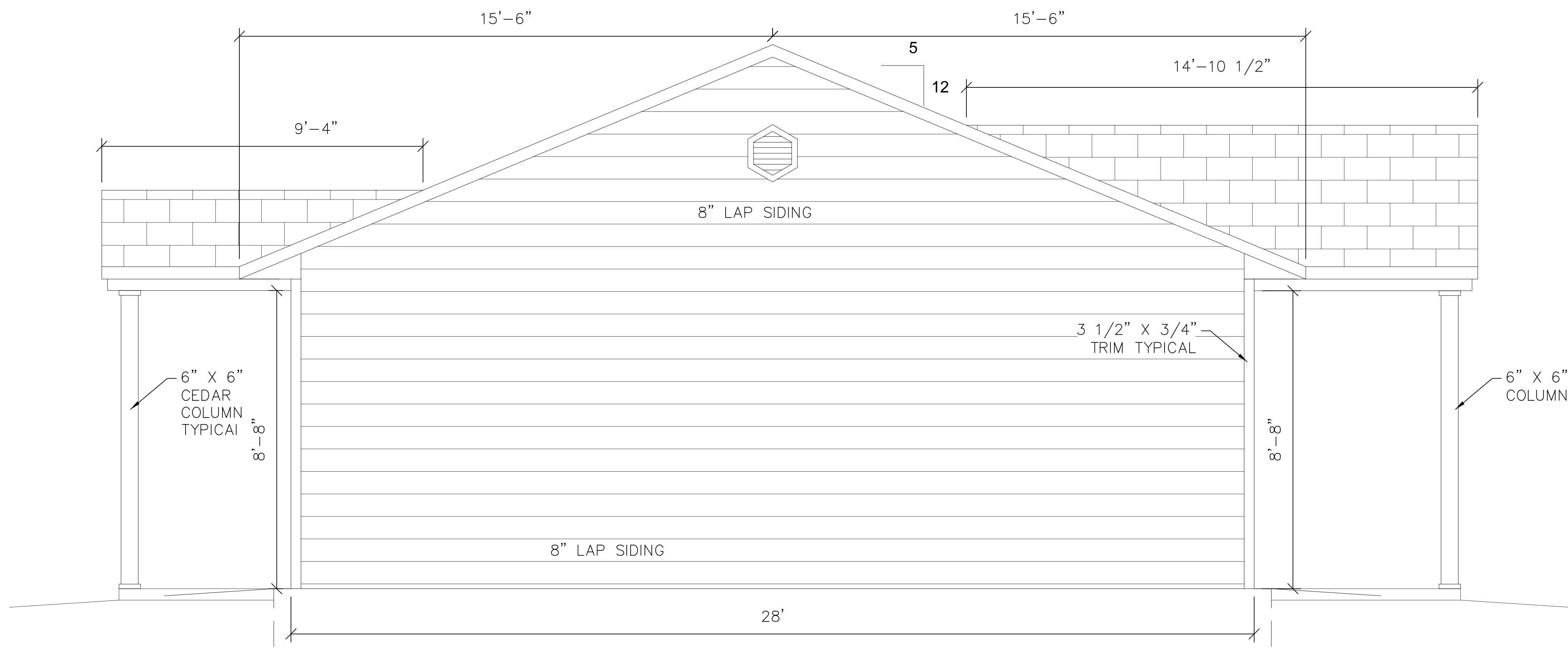
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RIGHT ELEVATION



LEFT ELEVATION

SCALE
 1/2" = 1'



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 Living Room with
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 1091 Square Foot

CLIENT:
 Housing Authority
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SHEET:
 HVAC Plan

APPROVED BY:
 CDG

DATE PREPARED:
 May 2022

DESIGNED BY:
 .

DRAWN BY:
 MDD

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M101
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AIR DEVICES - HART & COOLEY OR EQUAL

CEILING DIFFUSERS TYPE 500

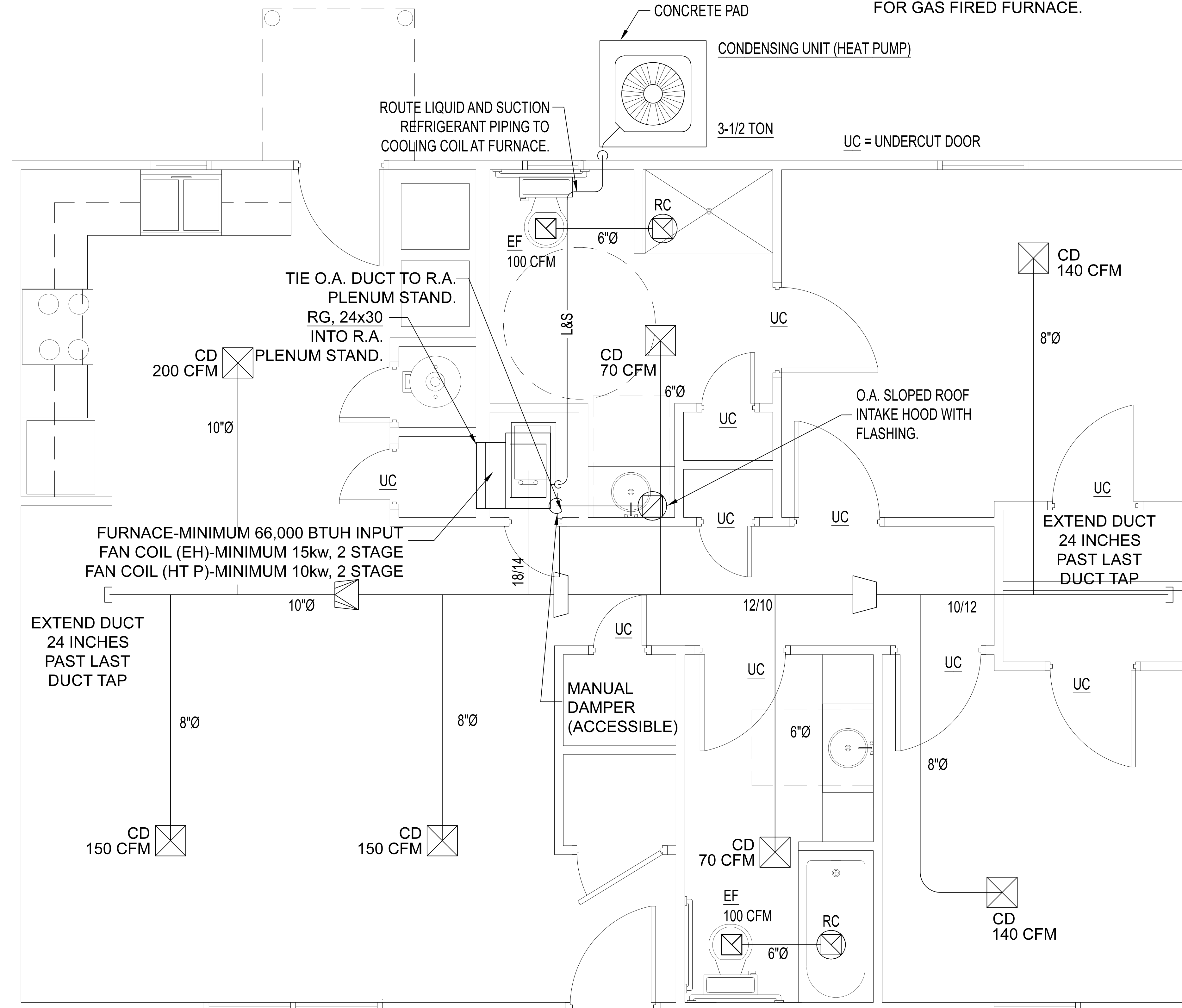
6x6	75 CFM OR LESS
8x8	75-120 CFM
10x10	120-175 CFM
12x12	175-300 CFM

SIDEWALL FURNACE (FAN COIL) RETURN GRILLE TYPE 672

30x12	800 CFM	(2T)
30x18	1200 CFM	(3T)
30x24	1600 CFM	(4T)

NOTE:

1. VERIFY HEAT SOURCE WITH CONSTRUCTOR. (GAS, ELECTRIC RESISTANCE, OR AIR TO AIR HEAT PUMP)
2. HEAT PUMP FAN COIL UNITS TO BE PROVIDED WITH SUPPLEMENTAL ELECTRIC HEATER. (SIZED TO PROVIDE SUPPLY AIR TEMPERATURE ABOVE 95°F WITH HEAT PUMP OPERATION AT 0°F OUTSIDE AIR TEMPERATURE.)
3. PROVIDE FLUE AND COMBUSTION AIR DUCTING FOR GAS FIRED FURNACE.



SCALE
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SHEET:
 Waste Water Plan

APPROVED BY:
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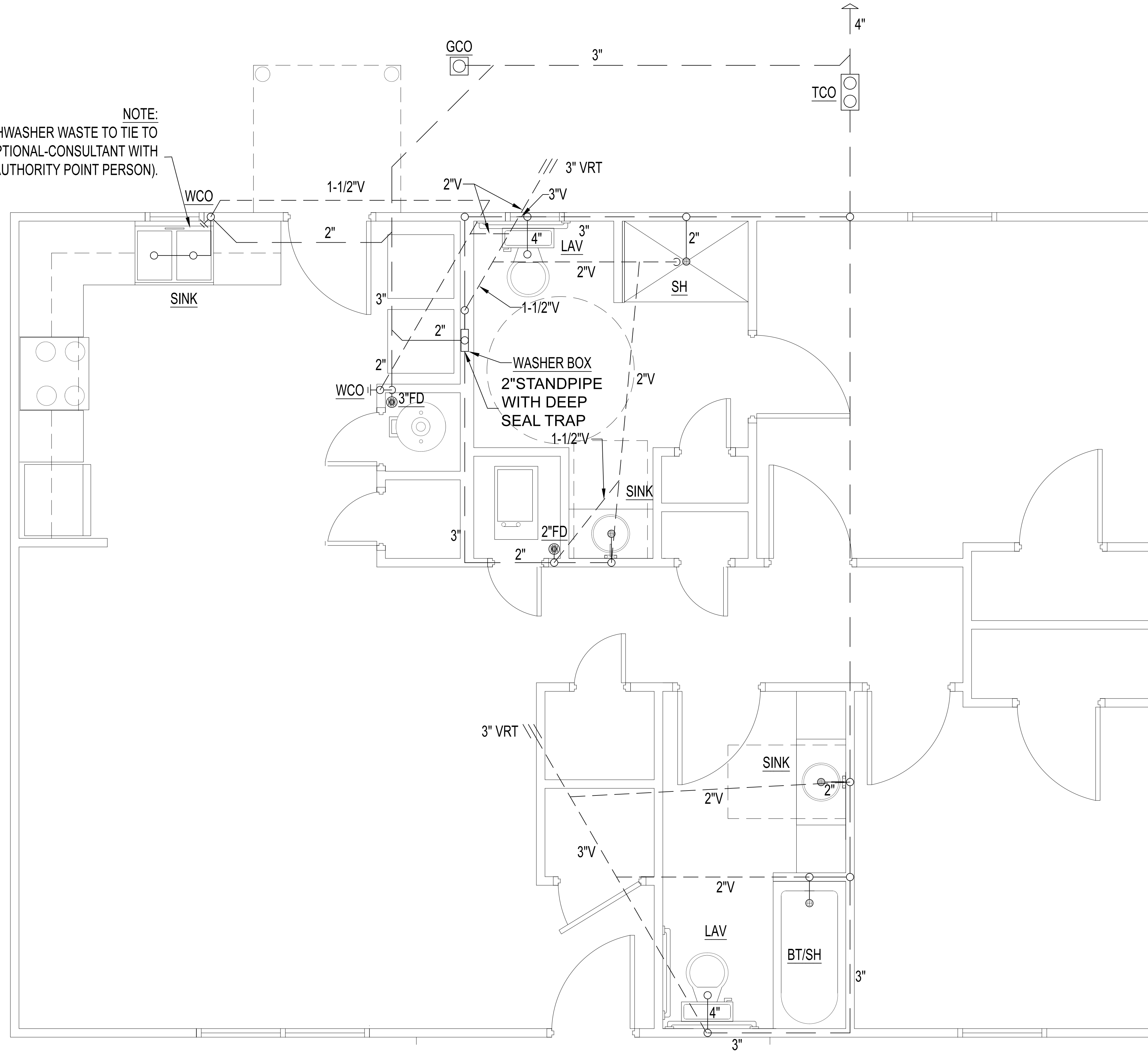
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EXTEND SANITARY
 SEWER TO SITE UTILITY
 OR PRIVATE DISPOSAL
 SYSTEM

NOTE:
 EXTEND DISHWASHER WASTE TO TIE TO
 DISPOSAL (OPTIONAL-CONSULTANT WITH
 HOUSING AUTHORITY POINT PERSON).



SCALE
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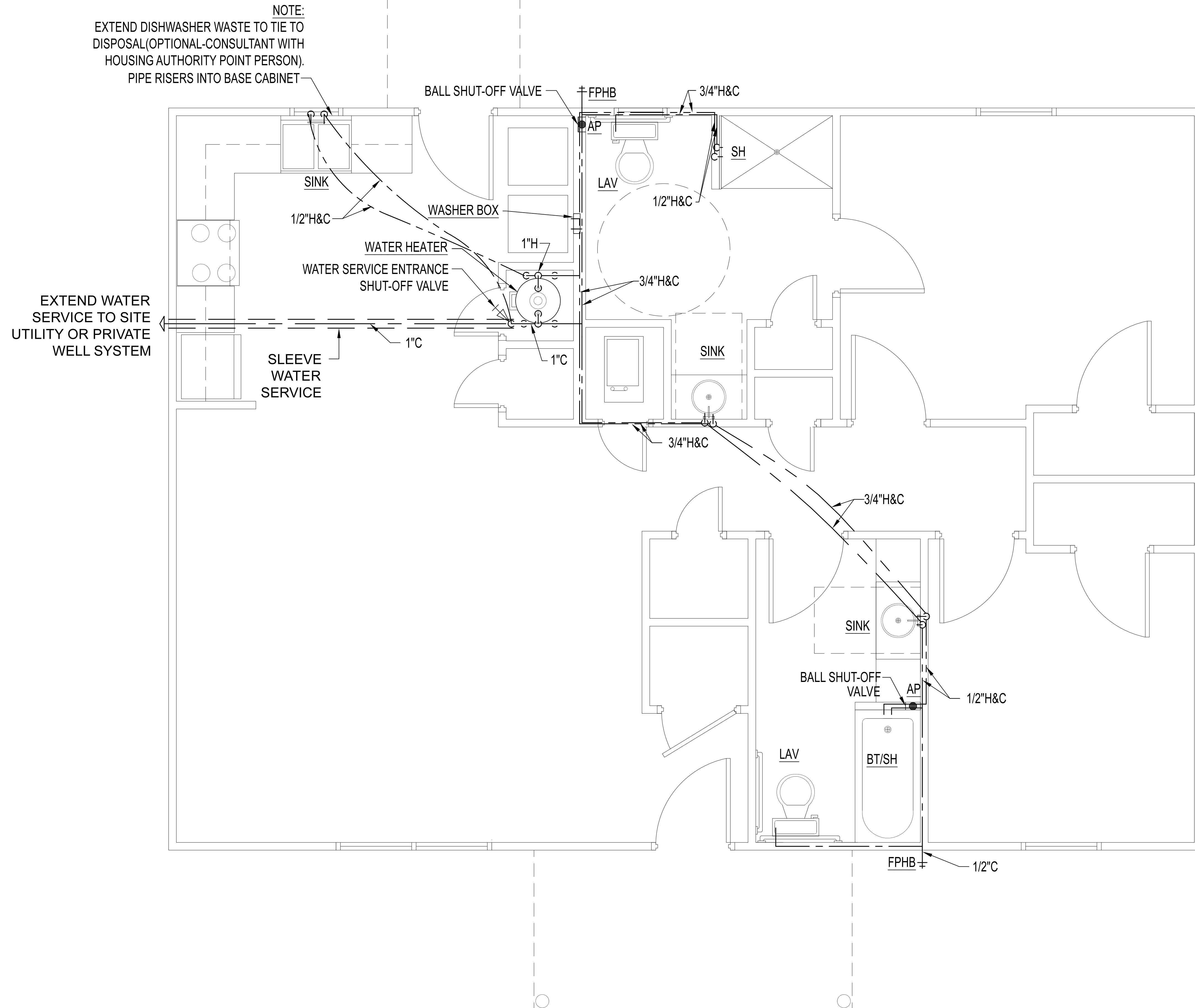
SHEET:
 Domestic Water Plan

APPROVED BY:
 CDG
DATE PREPARED:
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NO.	REVISION	DATE
1.	REVISION PER HACN	5/30/23
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SCALE
 1/2" = 1'



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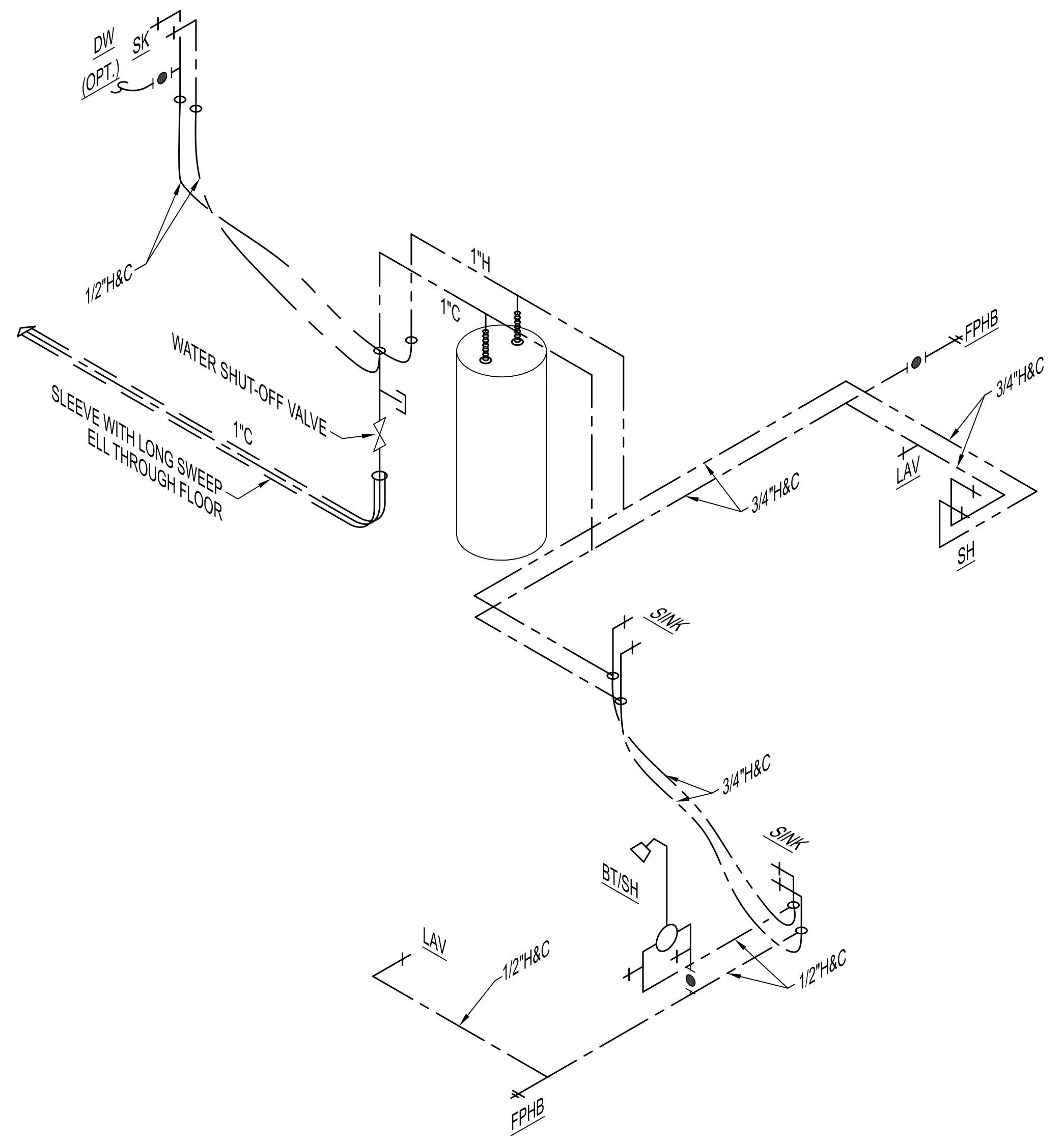
SHEET:
 Isometric Plumbing
 Plans

APPROVED BY:
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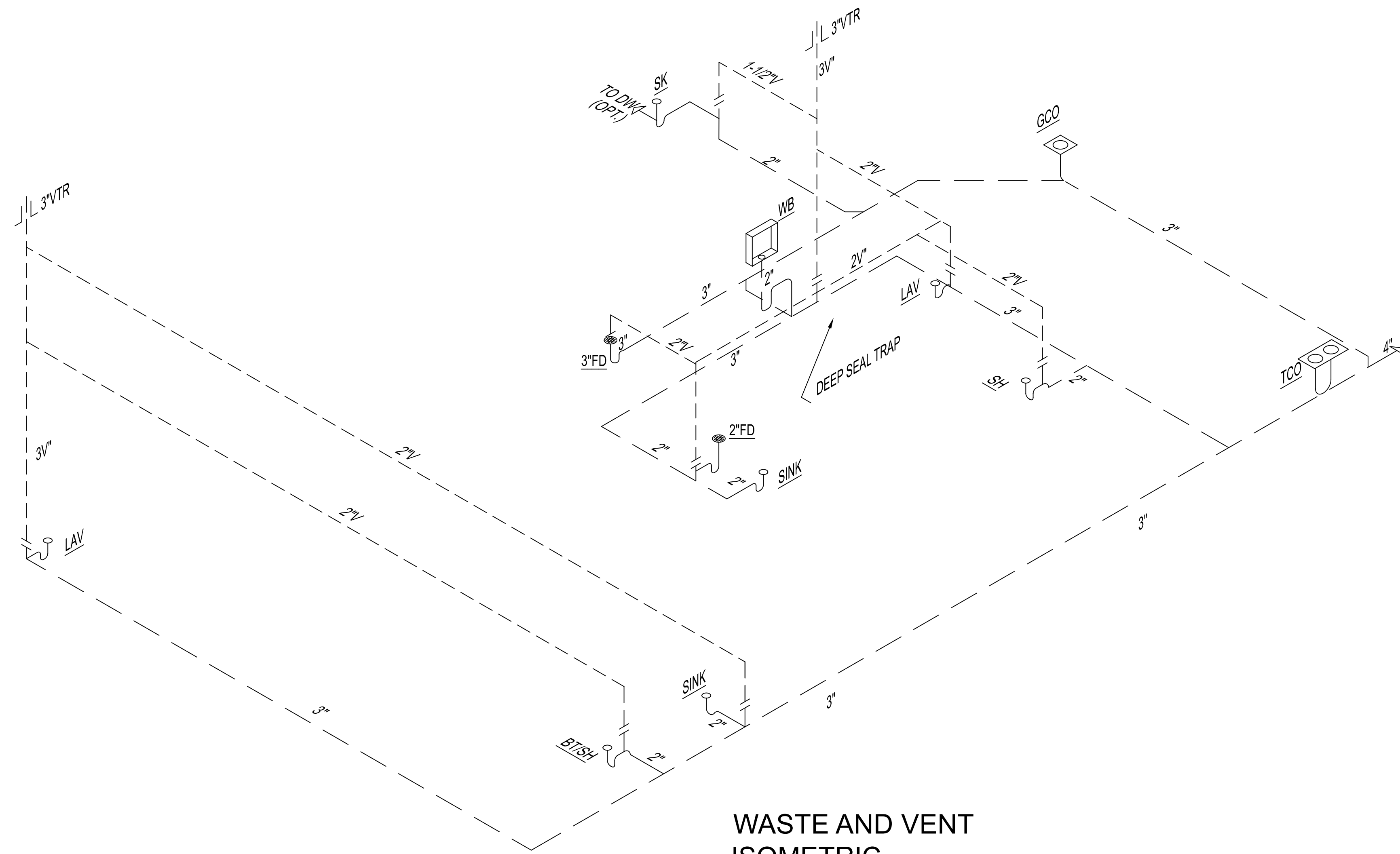
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**DOMESTIC WATER
 ISOMETRIC
 PLUMBING PLAN**



**WASTE AND VENT
 ISOMETRIC
 PLUMBING PLAN**

SCALE
 3/8" = 1'



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SHEET:
 Electrical Plan

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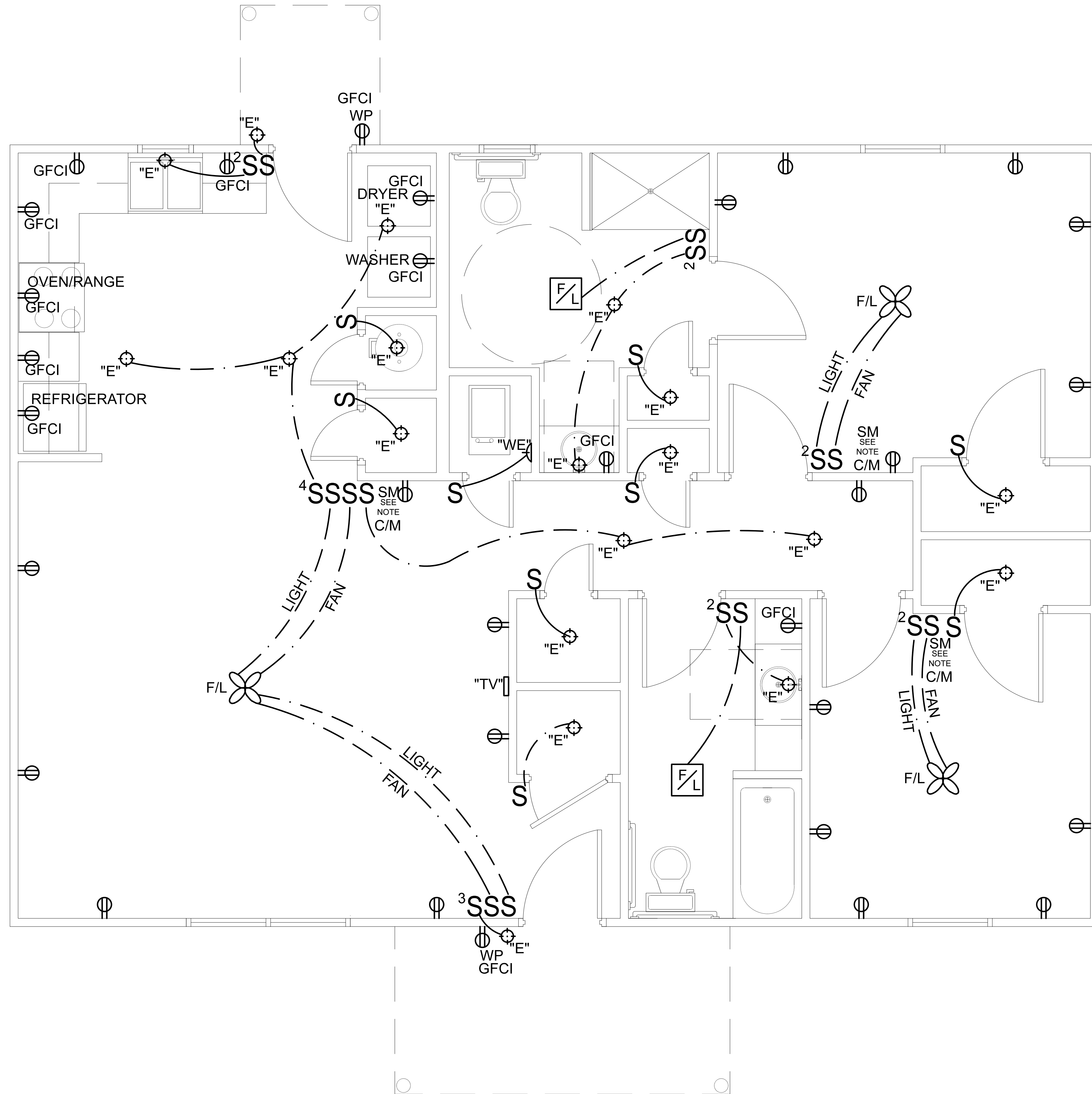
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OFFICE ELECTRICAL LEGEND			
SYMBOL	TYPE	QUANTITY	NOTES
	Bathroom Exhaust Fan with Light	2	
	Ceiling Fan with Lights	4	
4^{SSSS}	4 LIGHT SWITCH	1	
3^{SSS}	3 LIGHT SWITCH	1	
2^{SS}	2 LIGHT SWITCH	6	
S	1 LIGHT SWITCH	10	
	DUAL OUTLET	24	
	GFCI DUAL OUTLET	10	
	GFCI DUAL OUTLET WITH WATERPROOF COVER	2	
	ELECTRICAL BOX FOR CEILING LIGHTING STEEL OR PVC	16	
	ELECTRICAL BOX FOR WALL LIGHTING STEEL OR PVC	1	
	TV MULTIMEDIA RECESSED BOX	1	
	SMOKE DETECTOR/CARBON MONOXIDE DETECTOR	3	

NOTE:
 THE AMOUNT OF OUTLETS AND LIGHTING FIXTURES MAY VARY ON INSPECTORS REVIEW.



PANEL
 120/240/1PH
 200 AMP MAIN
 4-1P/20A GFCI
 8-1P/20A
 4-2P/30A
 1-2P/40A
 1-2P/60A

NOTE:
 SMOKE DETECTORS TO BE INSTALLED ON THE WALL 12 INCHES FROM CEILING PER NFPA

SCALE
 1/2" = 1'