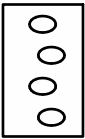


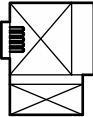
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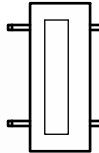
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



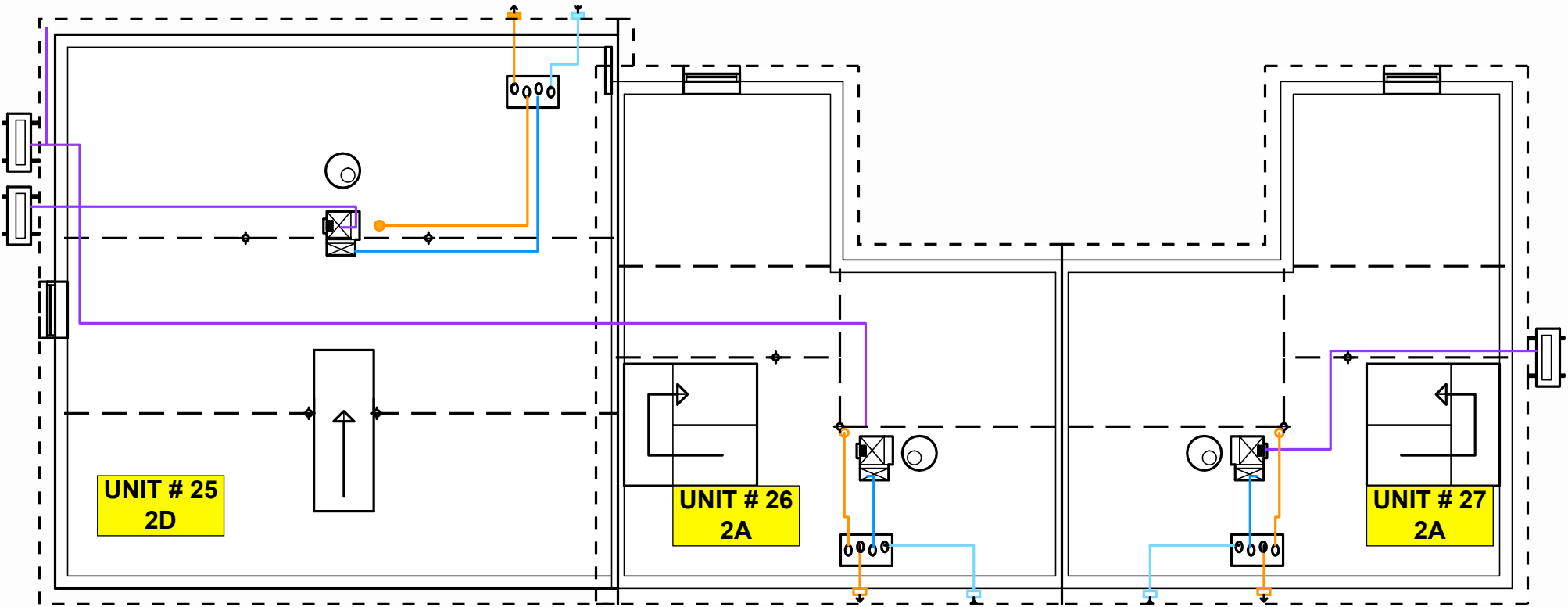
HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS



SEE P 9 FOR UNIT TYPE 2A HRV EXHAUST LAYOUT
SEE P 11 FOR UNIT TYPE 2D HRV EXHAUST LAYOUT

UNIT 28 HRV
DUCTING

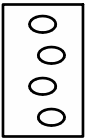
DATE
August 1, 2022

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BLOCK E
MECHANICAL

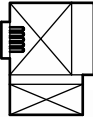
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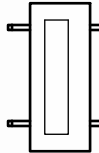
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



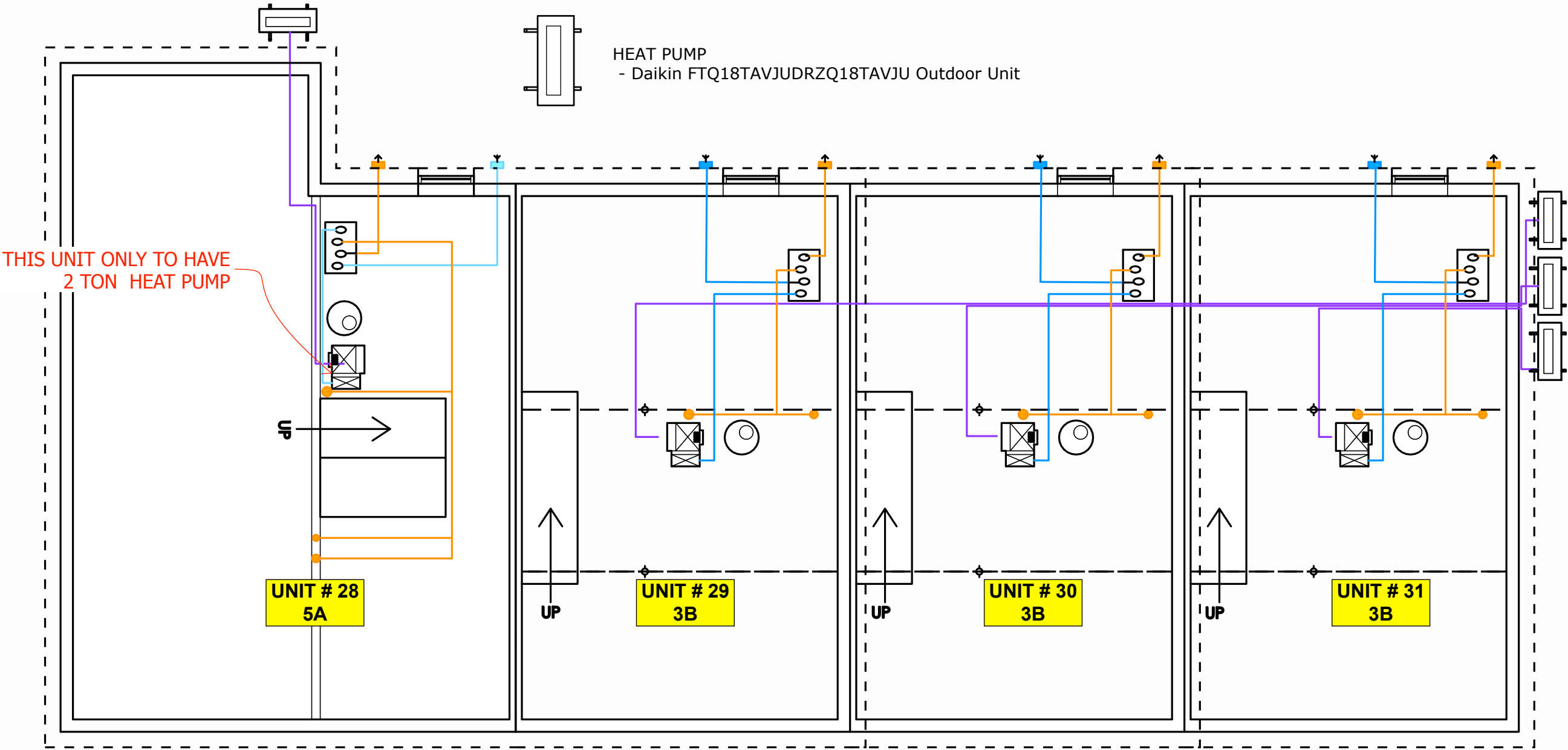
HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS



THIS UNIT ONLY TO HAVE
2 TON HEAT PUMP

UNIT # 28
5A

UNIT # 29
3B

UNIT # 30
3B

UNIT # 31
3B

SEE P 13 FOR UNIT TYPE 3B HRV EXHAUST LAYOUT
SEE P 15 FOR UNIT TYPE 5A HRV EXHAUST LAYOUT

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UNIT 28 HRV
DUCTING

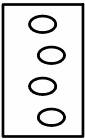
DATE
August 1, 2022

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UNLESS OTHERWISE NOTED

DRAWN BY
PA

BLOCK I
MECHANICAL

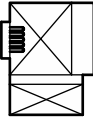
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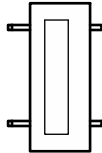
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



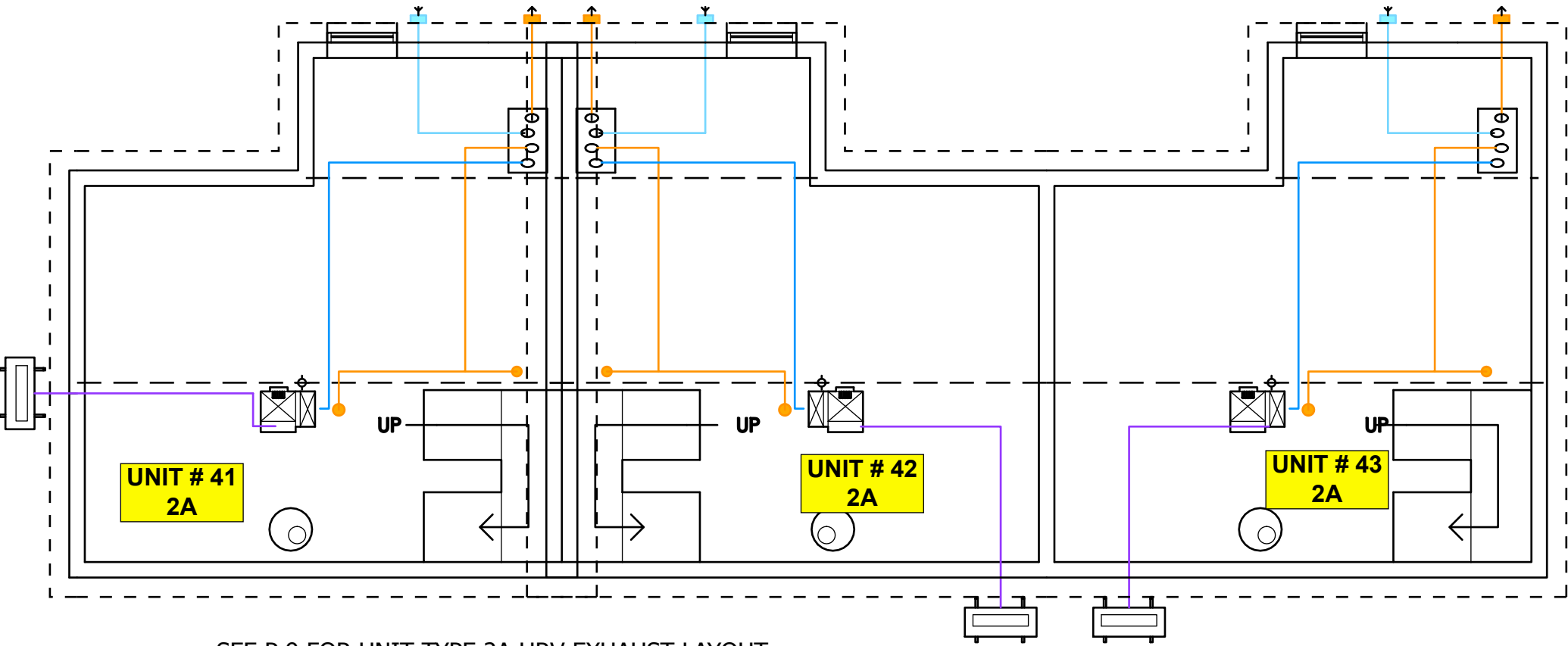
HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS



SEE P 9 FOR UNIT TYPE 2A HRV EXHAUST LAYOUT

BLOCK I MECHANICAL

UNIT 28 HRV
DUCTING

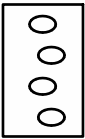
DATE
August 1, 2022

SCALE 1/8" = 1'0"
UNLESS OTHERWISE NOTED

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BLOCK J
MECHANICAL

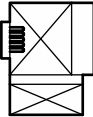
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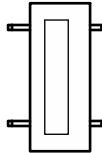
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



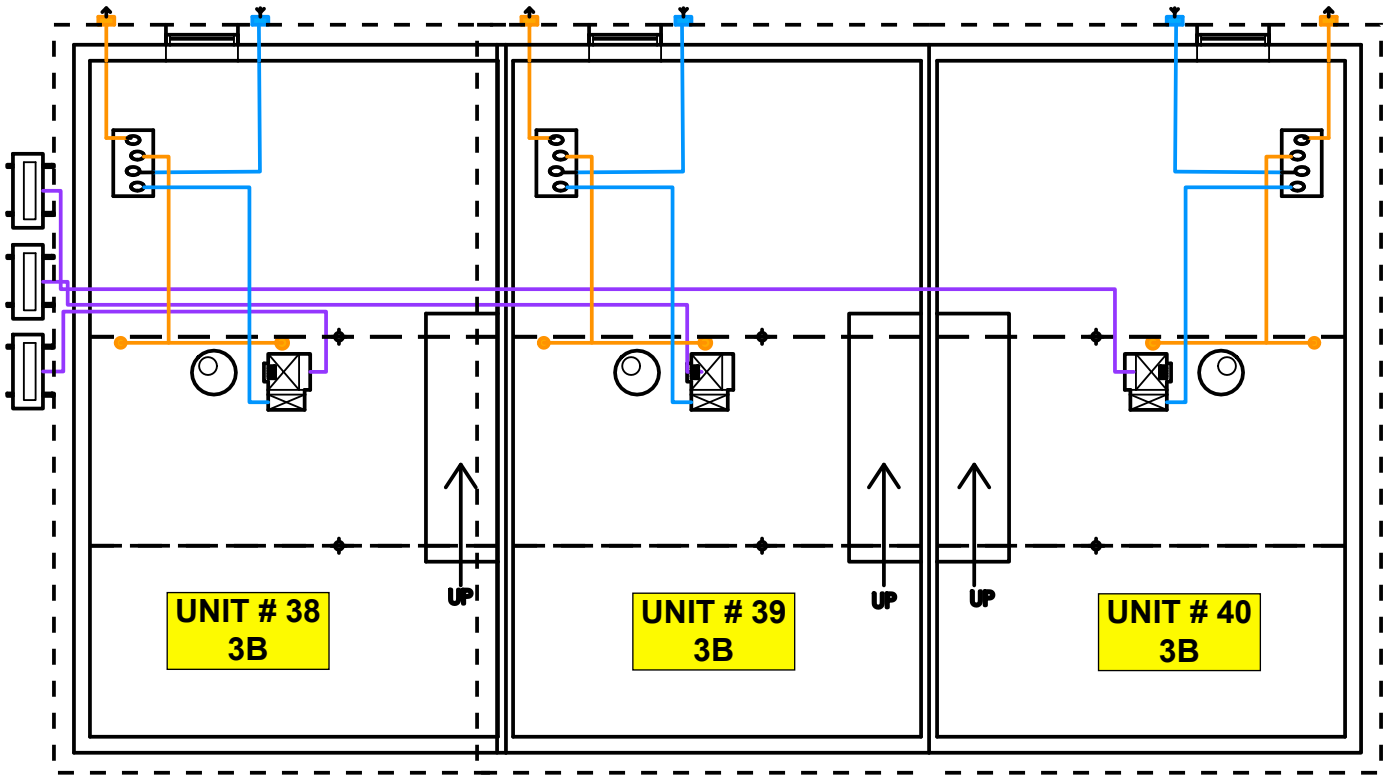
HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS



SEE P 13 FOR UNIT TYPE 3B HRV EXHAUST LAYOUT

UNIT 28 HRV
DUCTING

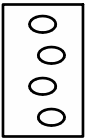
DATE
August 1, 2022

SCALE 1/8" = 1'0"
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BLOCK K
MECHANICAL

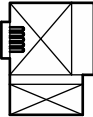
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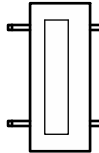
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS

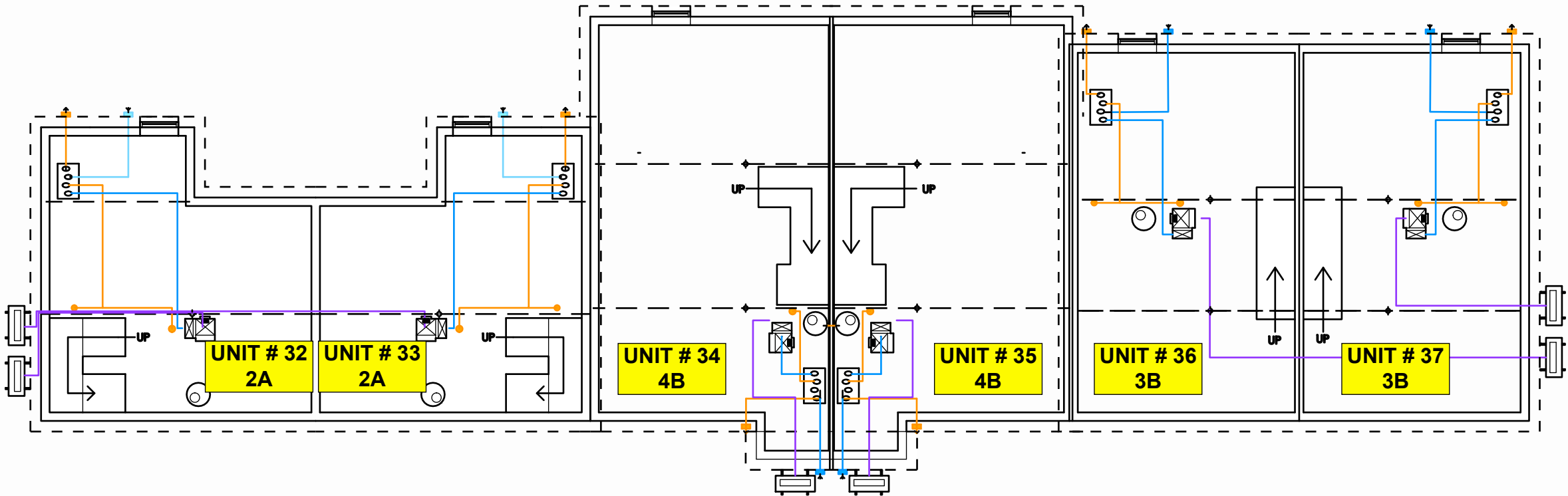
UNIT 28 HRV
DUCTING

DATE
August 1, 2022

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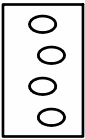
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BLOCK L
MECHANICAL



SEE P 9 FOR UNIT TYPE 2A HRV EXHAUST LAYOUT
SEE P 13 FOR UNIT TYPE 3B HRV EXHAUST LAYOUT
SEE P 14 FOR UNIT TYPE 4B HRV EXHAUST LAYOUT

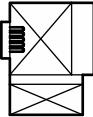
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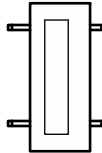
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



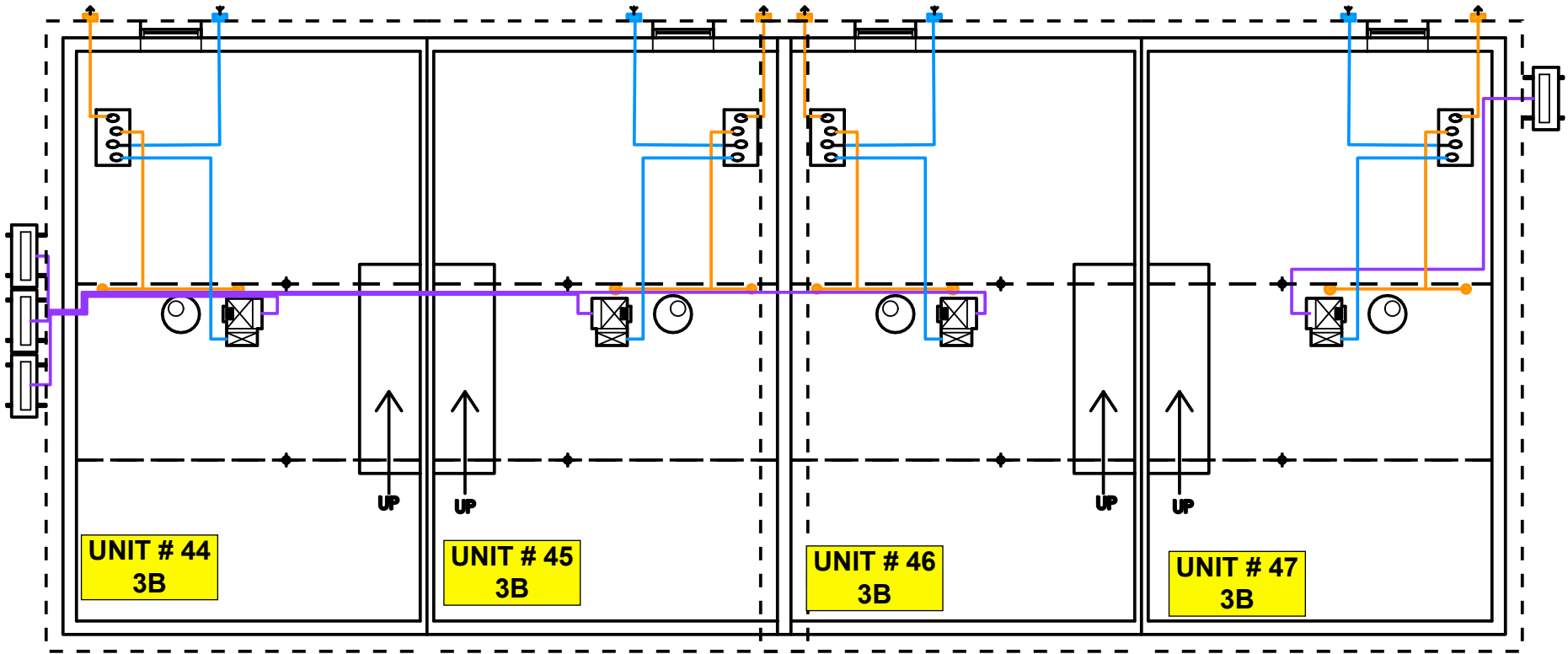
HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit

— HRV FRESH AIR

— HRV EXHAUST AIR

— HEAT PUMP LINE SETS

- - - - OUTLINE OF RETROFIT PANELS



SEE P 13 FOR UNIT TYPE 3B HRV EXHAUST LAYOUT

UNIT 28 HRV
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DATE
August 1, 2022

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UNIT 28 HRV
DUCTING

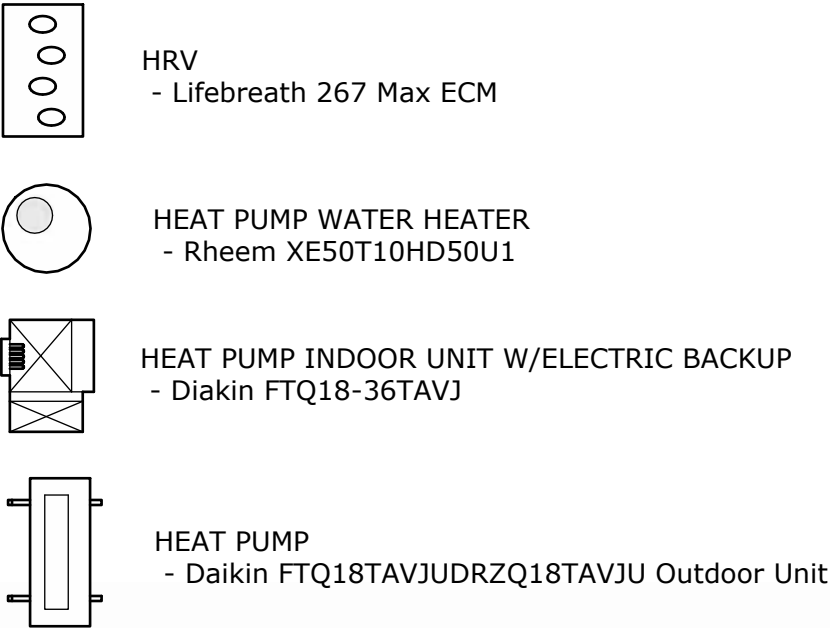
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August 1, 2022

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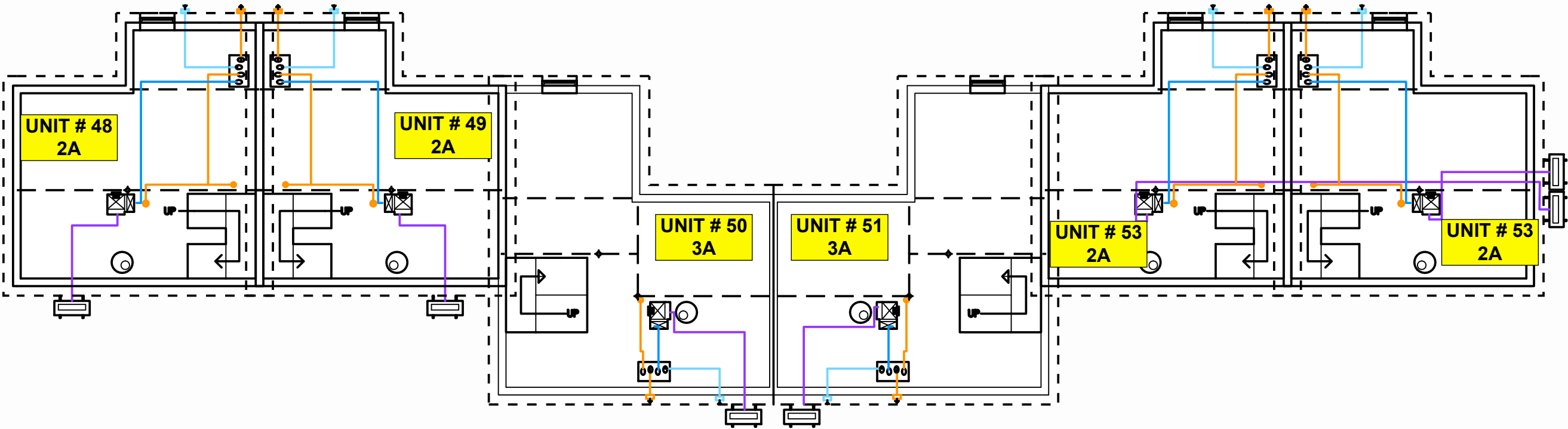
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BLOCK N
MECHANICAL

LEGEND



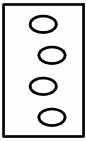
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SEE P 9 FOR UNIT TYPE 2A HRV EXHAUST LAYOUT
SEE P 12 FOR UNIT TYPE 3A HRV EXHAUST LAYOUT

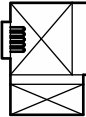
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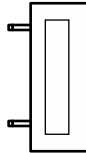
HRV
- Lifebreath 267 Max ECM



HEAT PUMP WATER HEATER
- Rheem XE50T10HD50U1



HEAT PUMP INDOOR UNIT W/ELECTRIC BACKUP
- Daikin FTQ18-36TAVJ



HEAT PUMP
- Daikin FTQ18TAVJUDRZQ18TAVJU Outdoor Unit



HRV FRESH AIR



HRV EXHAUST AIR



HEAT PUMP LINE SETS



OUTLINE OF RETROFIT PANELS

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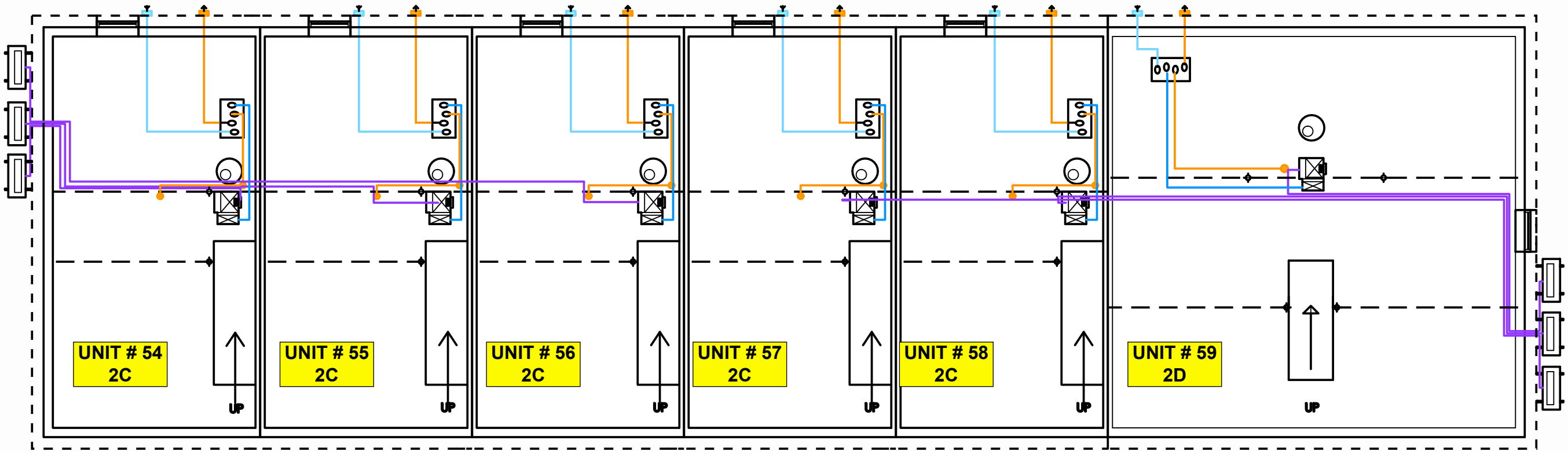
UNIT 28 HRV
DUCTING

DATE
August 1, 2022

SCALE 1/8" = 1'0"
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MECHANICAL



SEE P 10 FOR UNIT TYPE 2C HRV EXHAUST LAYOUT
SEE P 11 FOR UNIT TYPE 2D HRV EXHAUST LAYOUT

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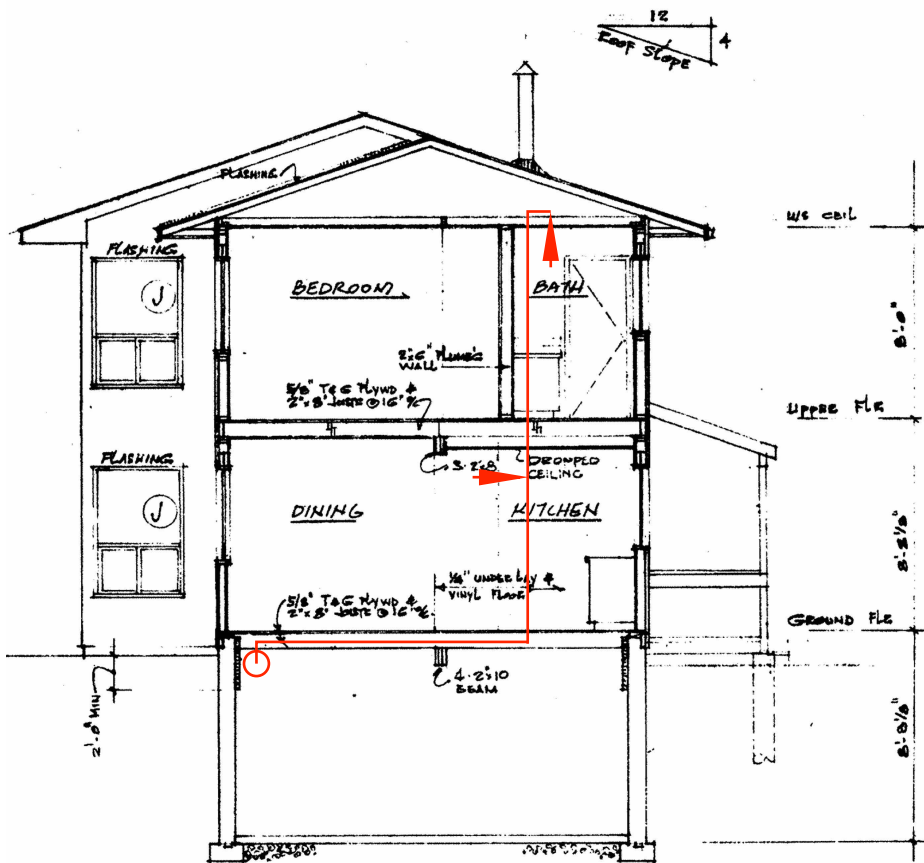
**UNIT 28 HRV
DUCTING**

DATE
August 1, 2022

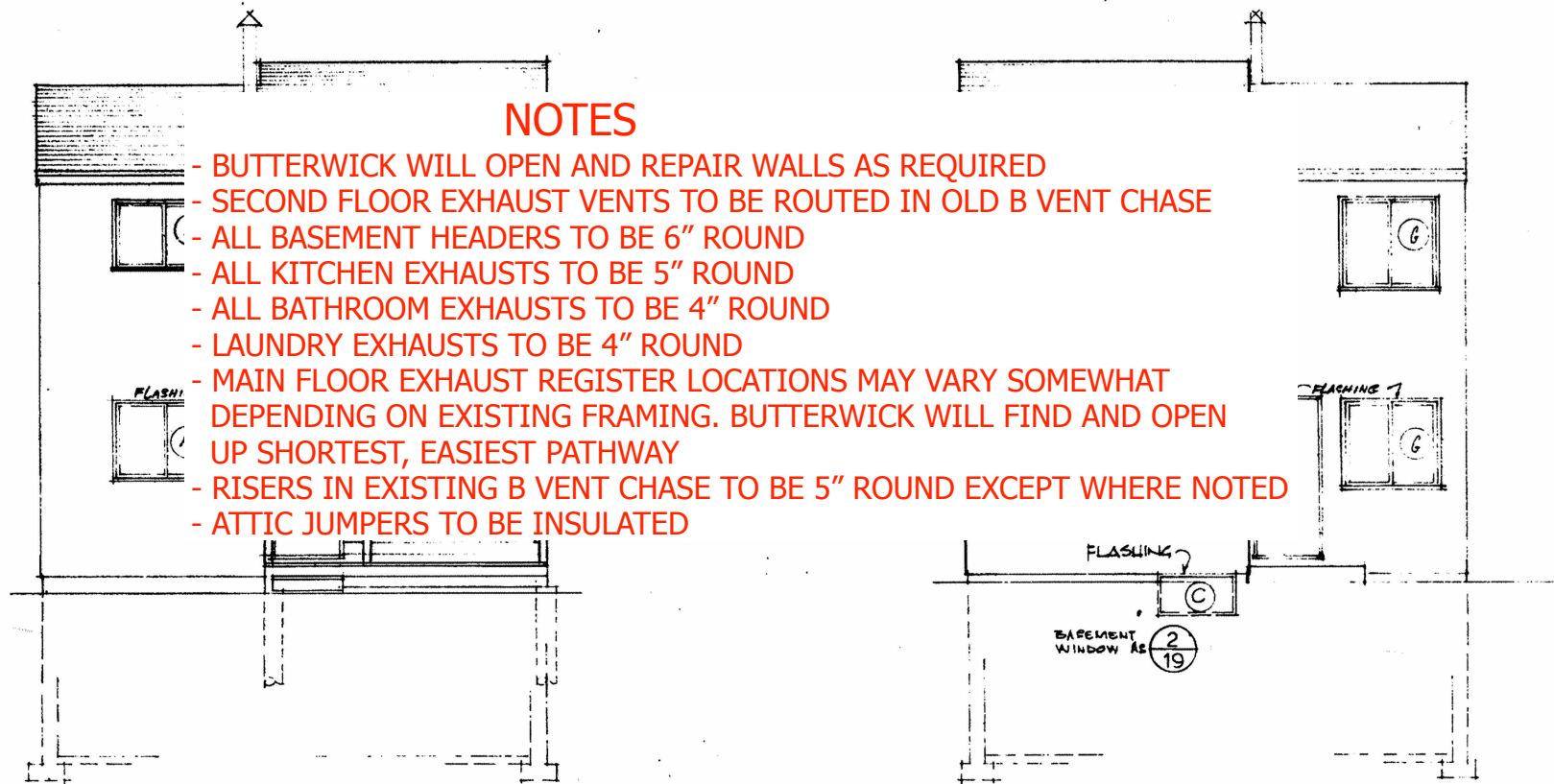
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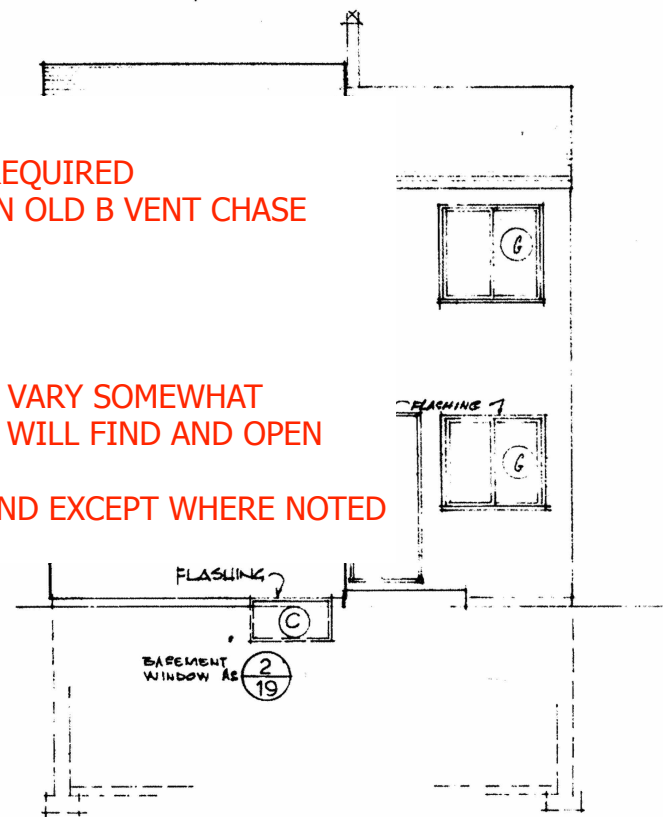
**UNIT 2A HRV
DUCTING**



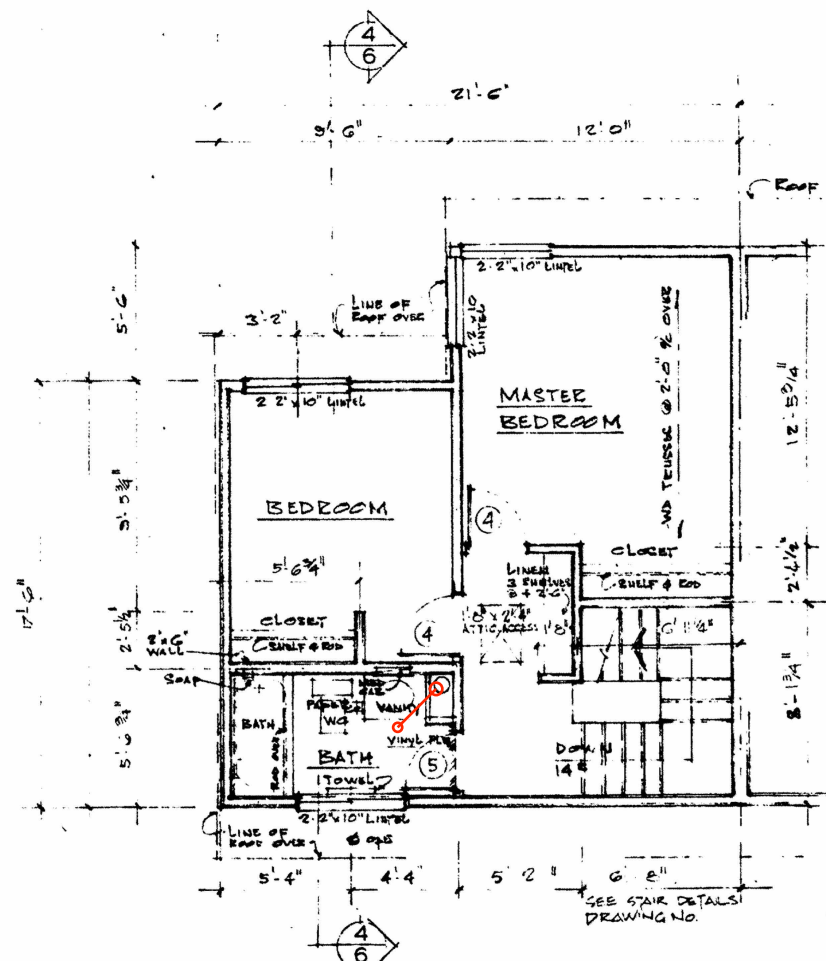
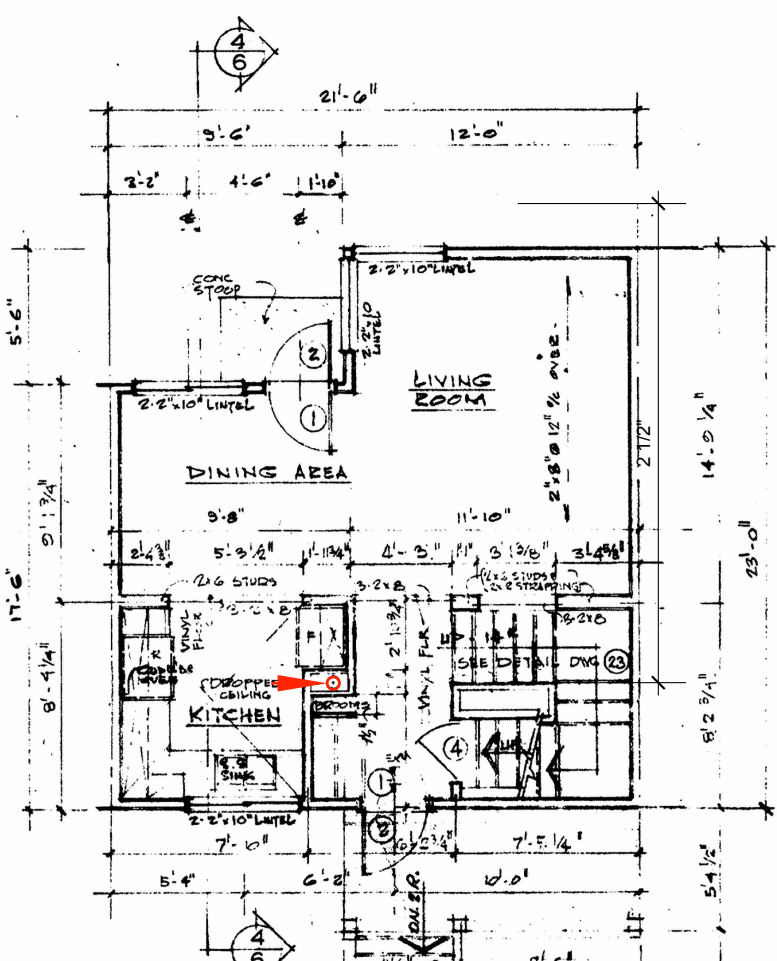
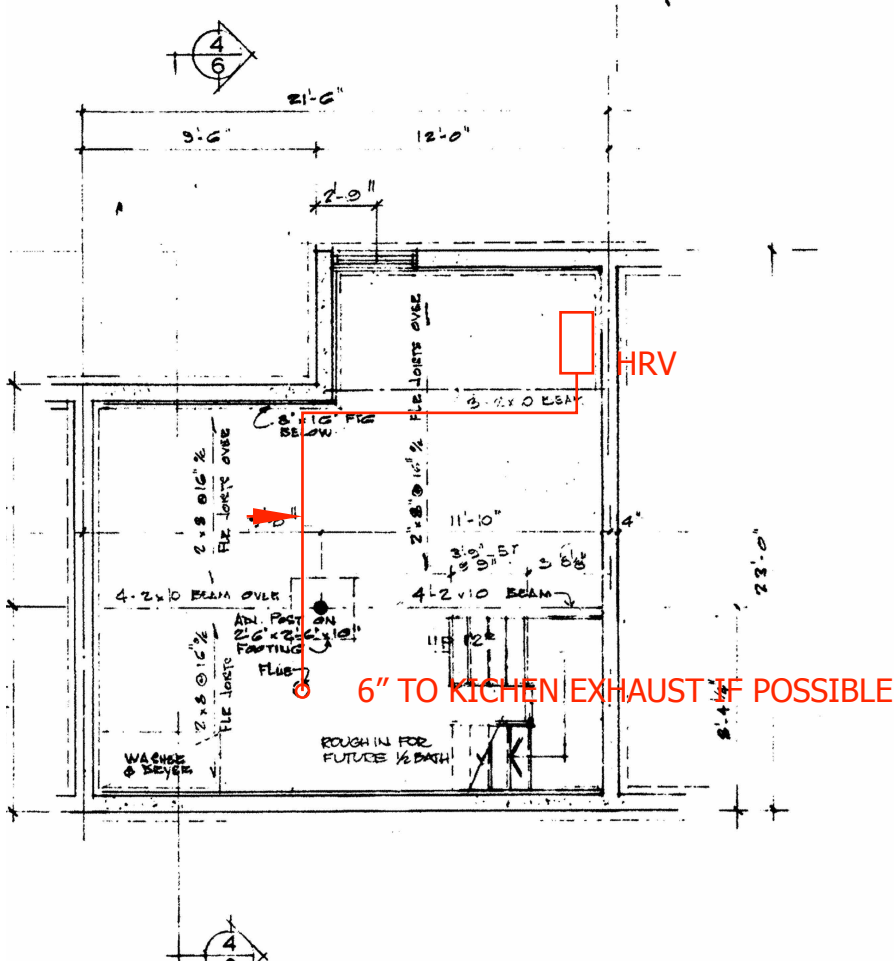
4/6 Section



5/6 Entry Elevation

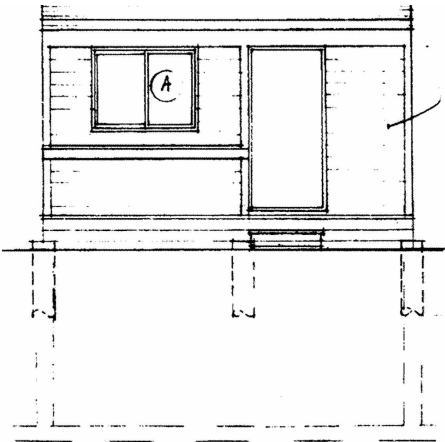


6/6 Patio Elevation

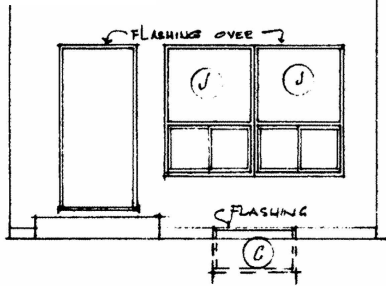


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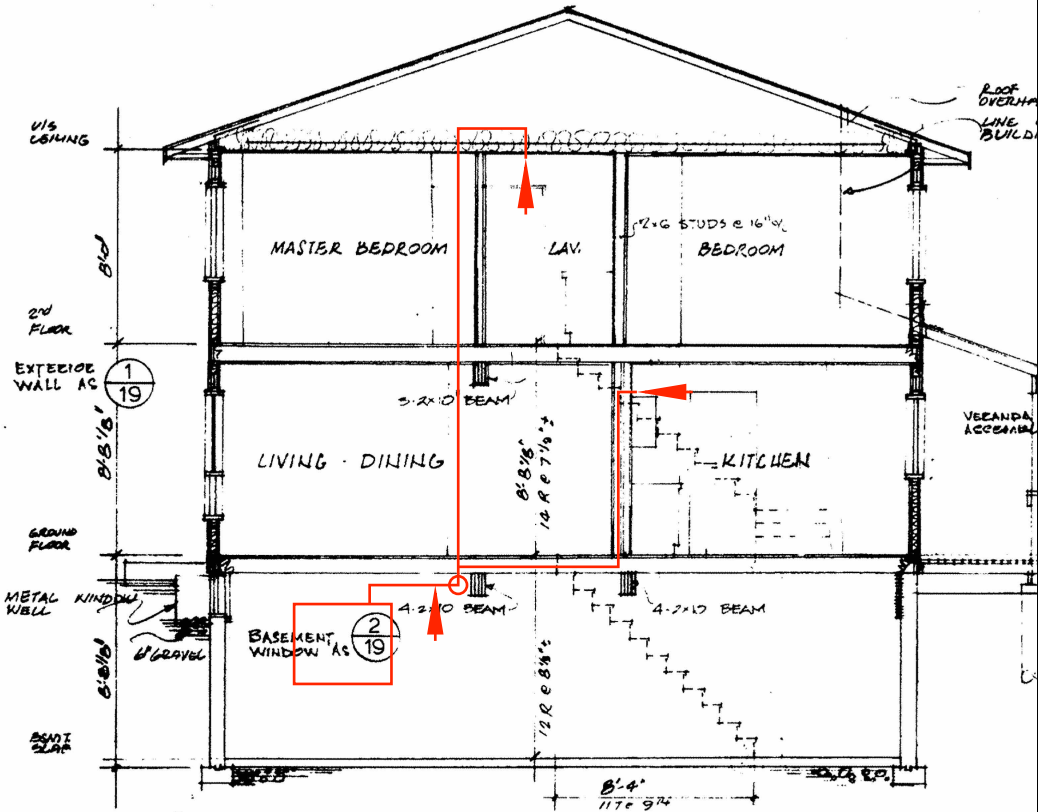
- BUTTERWICK WILL OPEN AND REPAIR WALLS AS REQUIRED
- SECOND FLOOR EXHAUST VENTS TO BE ROUTED IN OLD B VENT CHASE
- ALL BASEMENT HEADERS TO BE 6" ROUND
- ALL KITCHEN EXHAUSTS TO BE 5" ROUND
- ALL BATHROOM EXHAUSTS TO BE 4" ROUND
- LAUNDRY EXHAUSTS TO BE 4" ROUND
- MAIN FLOOR EXHAUST REGISTER LOCATIONS MAY VARY SOMEWHAT DEPENDING ON EXISTING FRAMING. BUTTERWICK WILL FIND AND OPEN UP SHORTEST, EASIEST PATHWAY
- RISERS IN EXISTING B VENT CHASE TO BE 5" ROUND EXCEPT WHERE NOTED
- ATTIC JUMPERS TO BE INSULATED



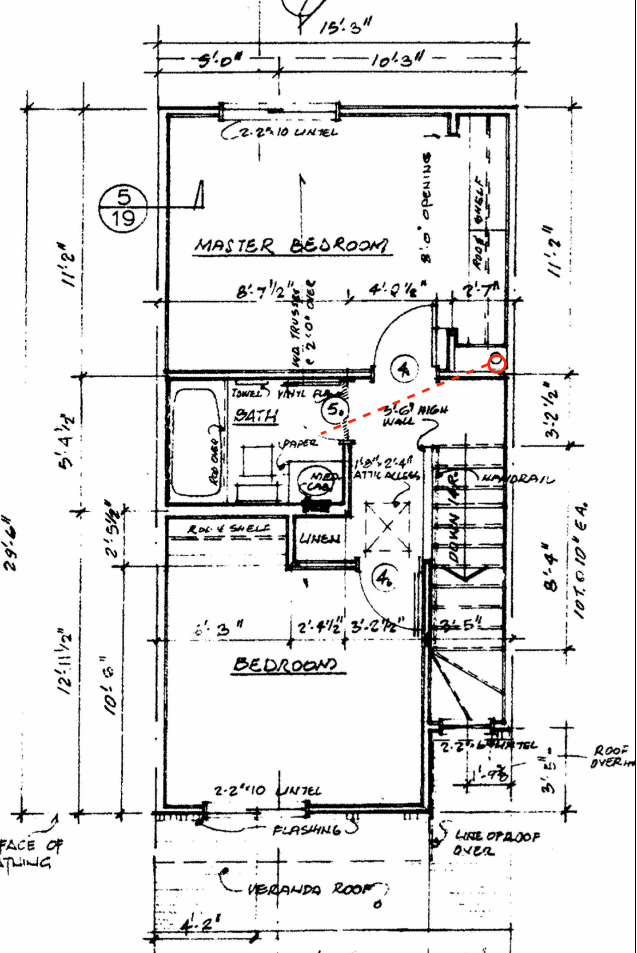
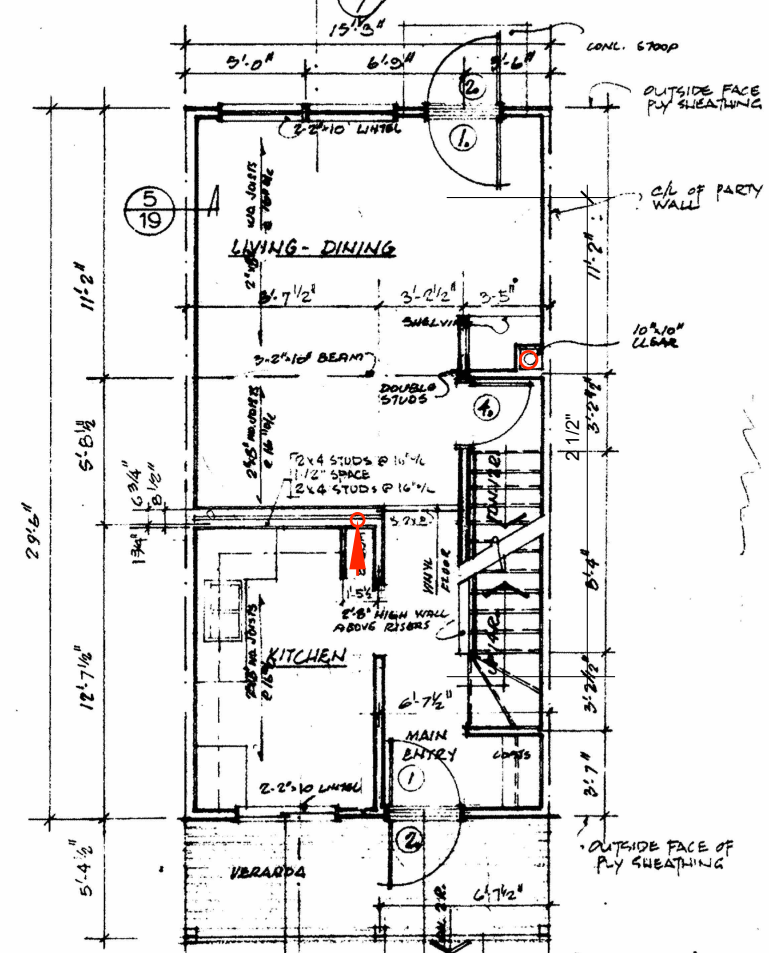
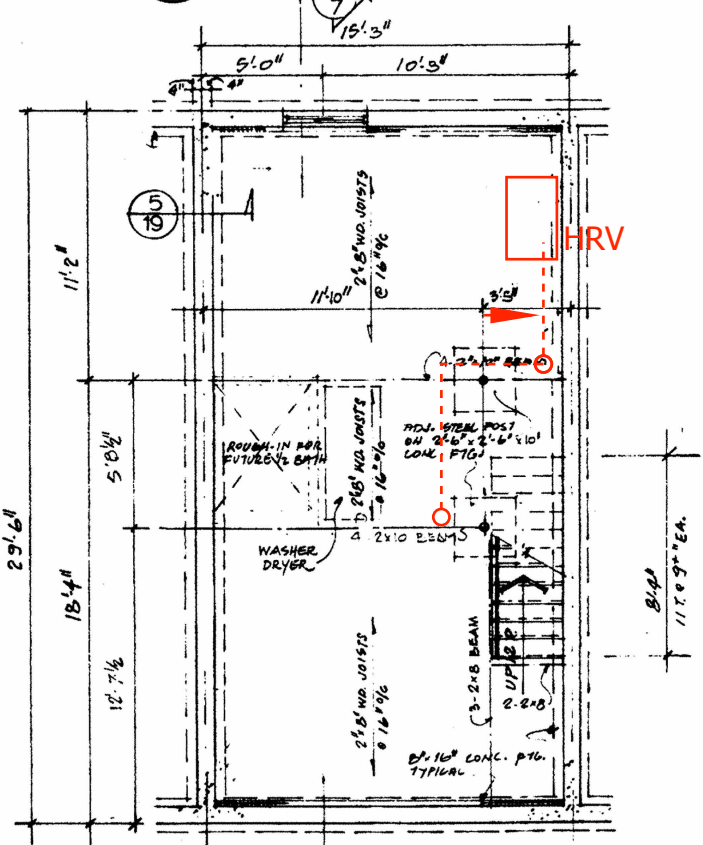
4 Entry Elevation



5 Patio Elevation



6 Section



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UNIT 28 HRV
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DATE
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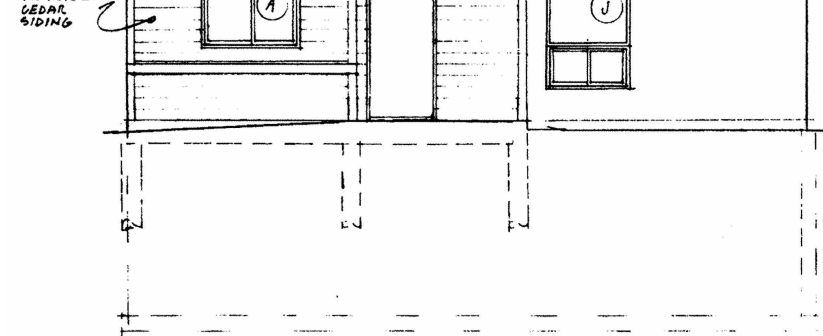
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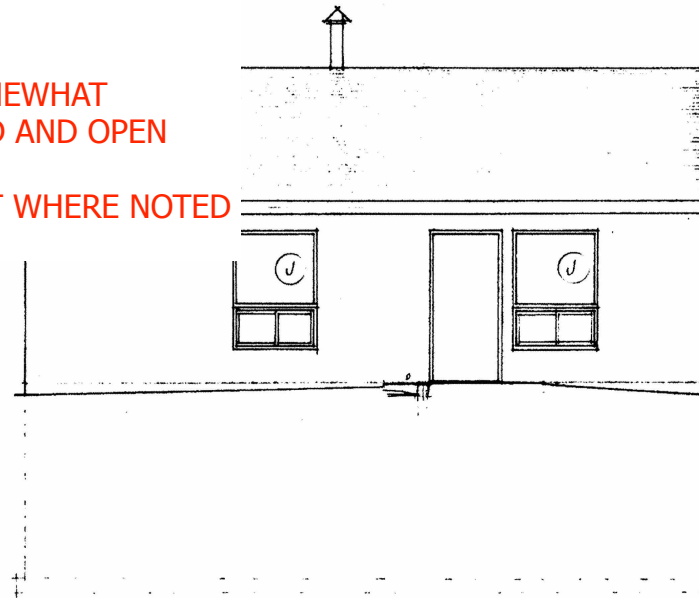
UNIT 2C HRV
DUCTING

NOTES

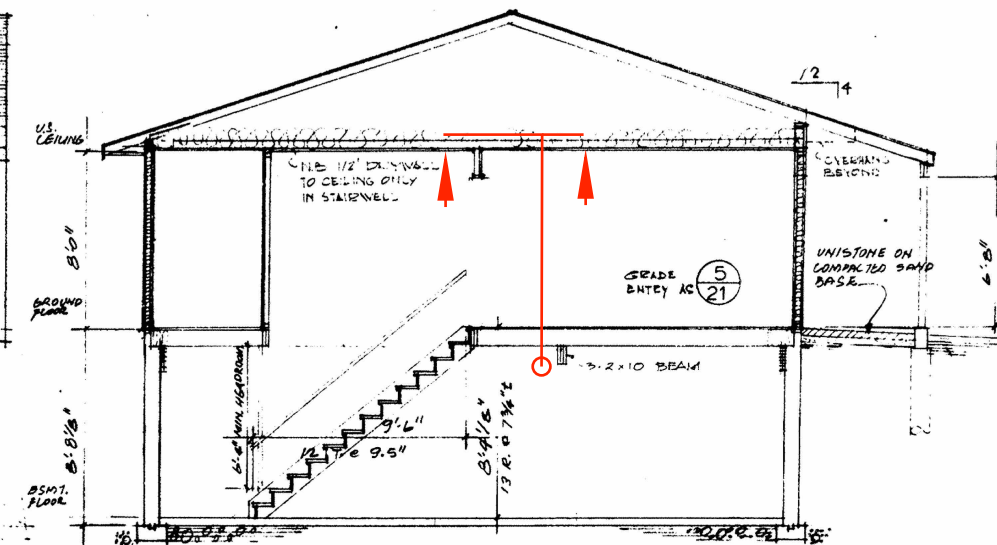
- BUTTERWICK WILL OPEN AND REPAIR WALLS AS REQUIRED
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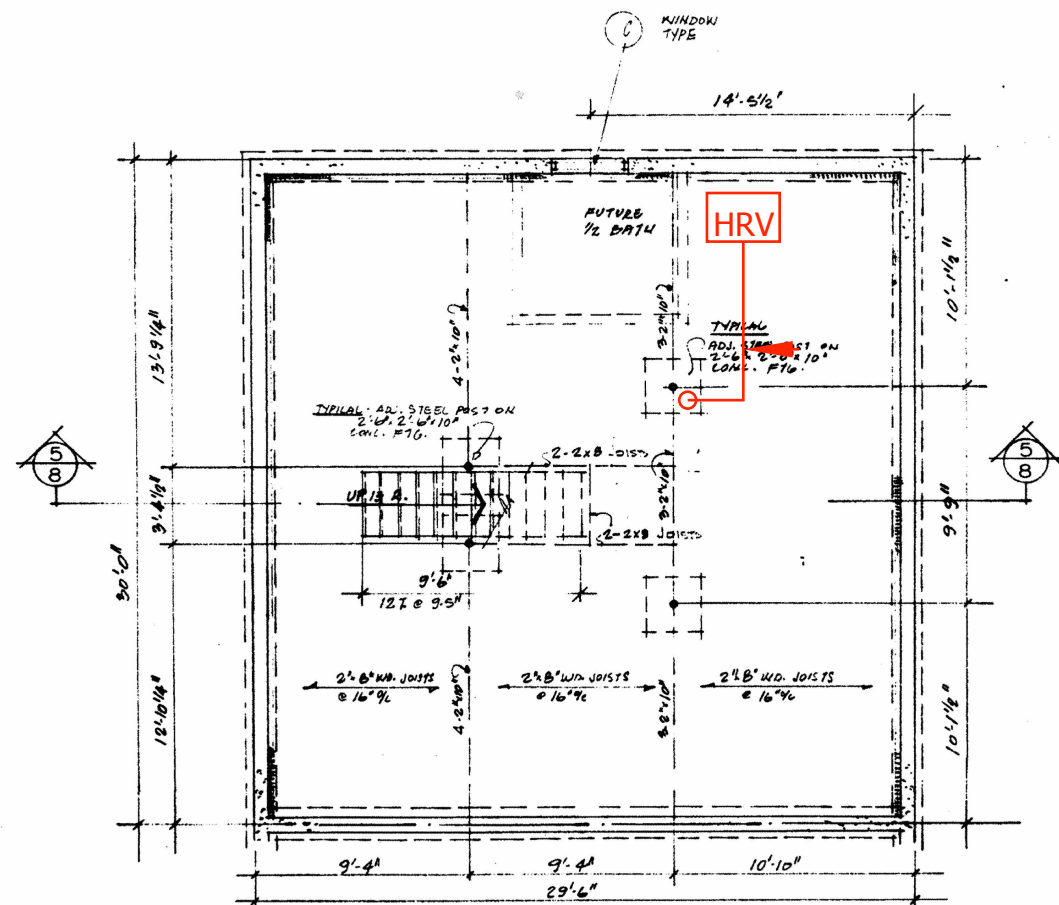
3/8 Entry Elevation



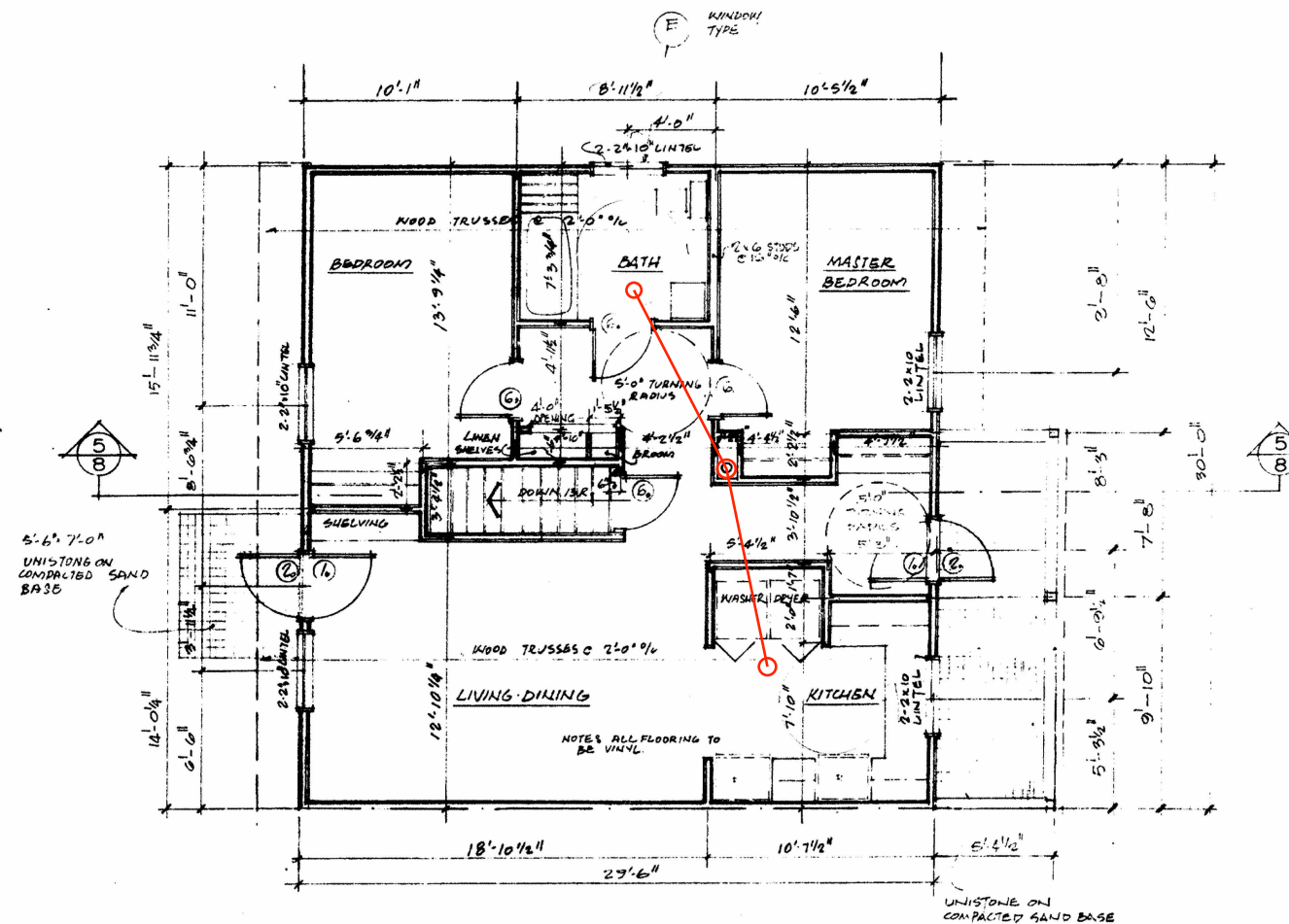
4/8 Patio Elevation



5/8 Section



1/8 Basement Plan



2/8 Ground Floor Plan

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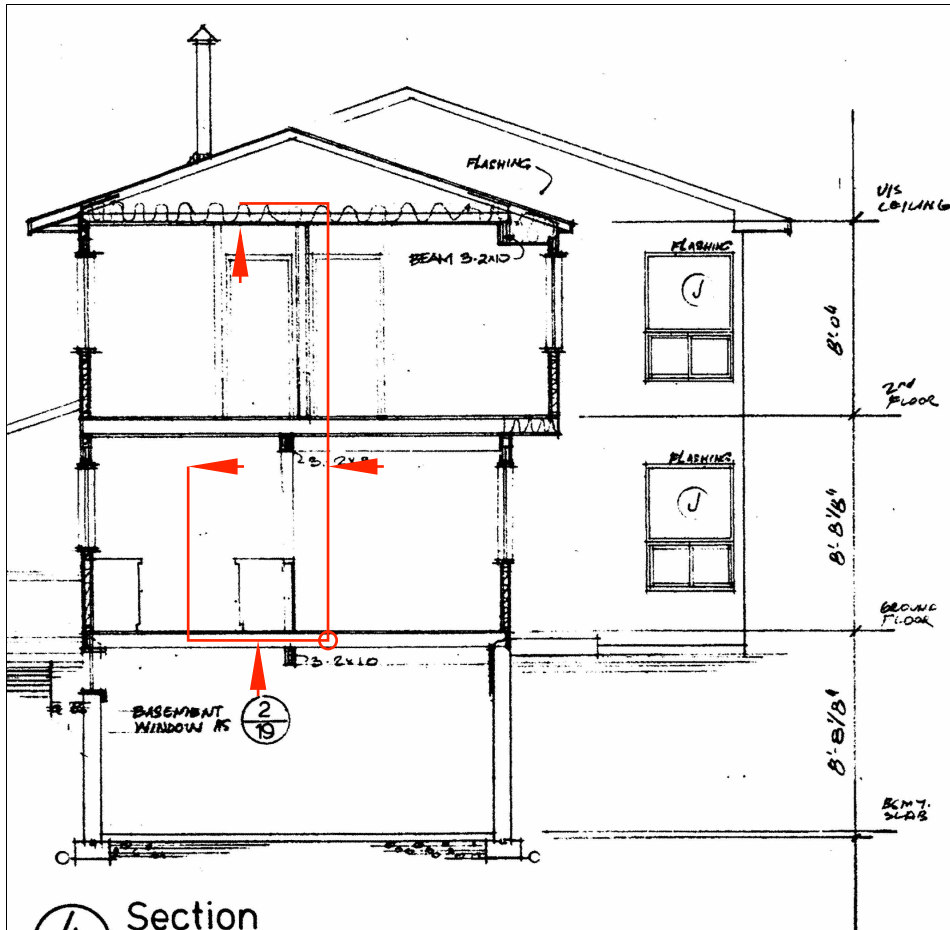
UNIT 28 HRV
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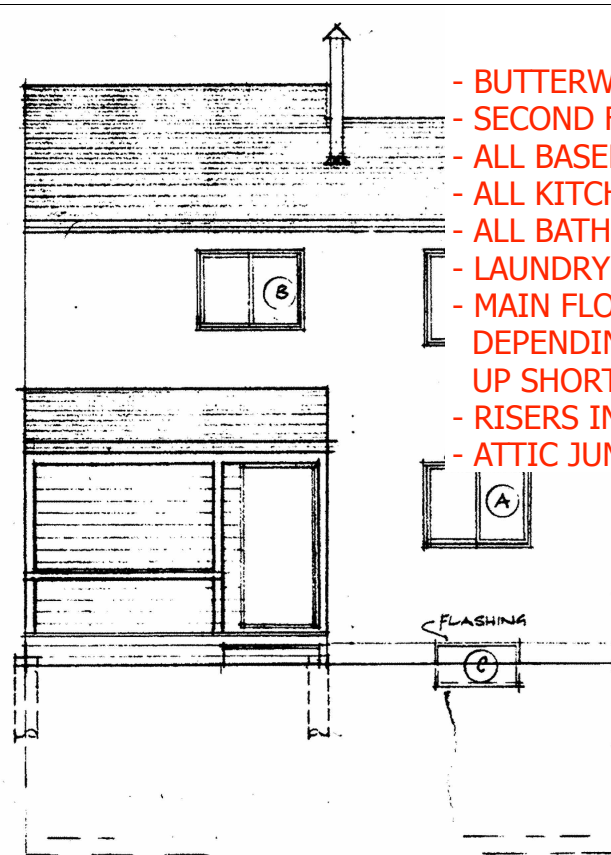
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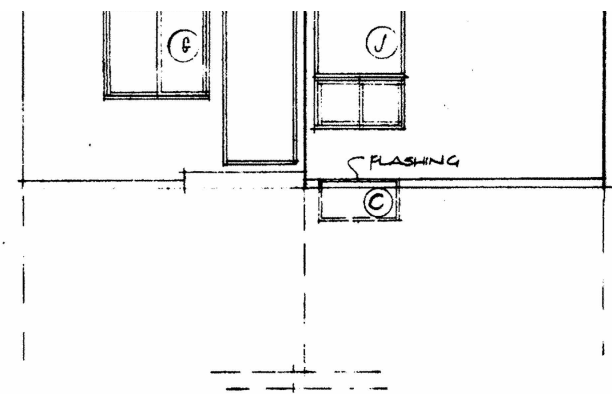
UNIT 2D HRV
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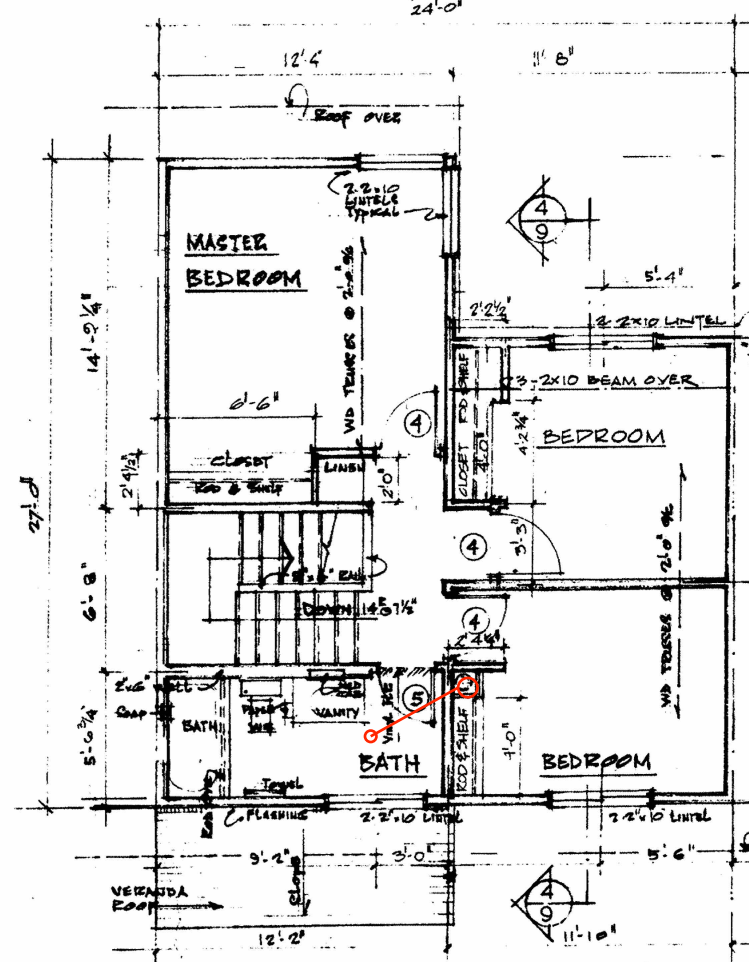
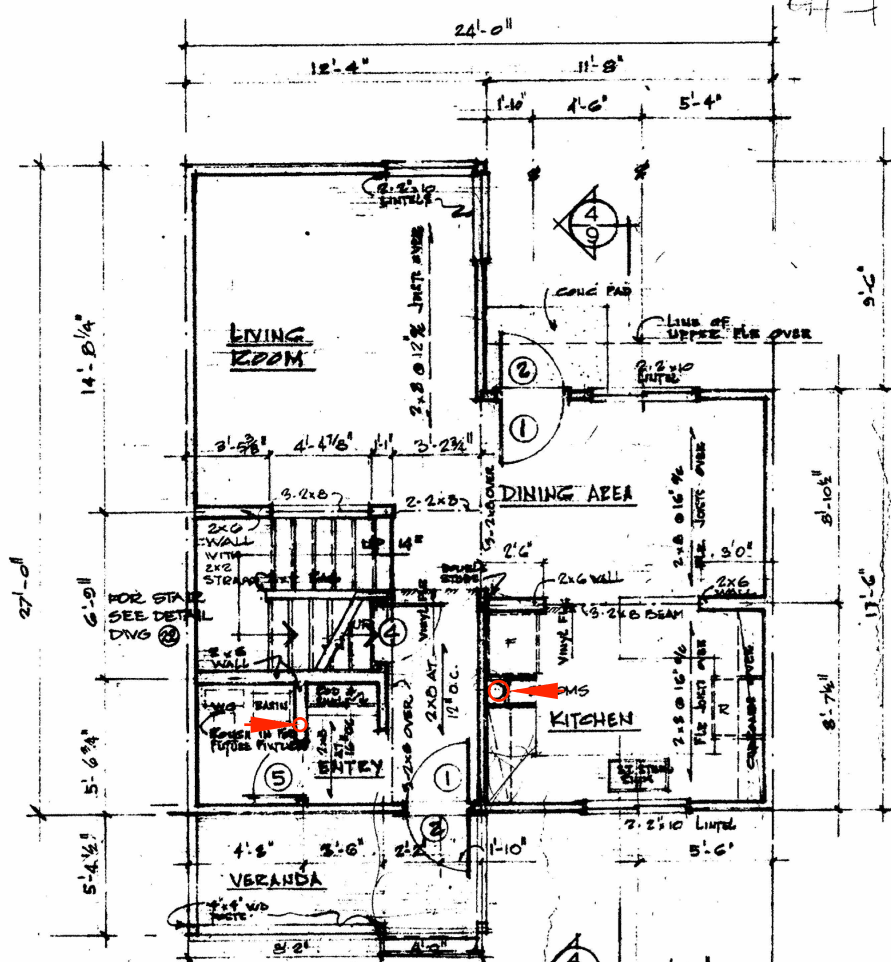
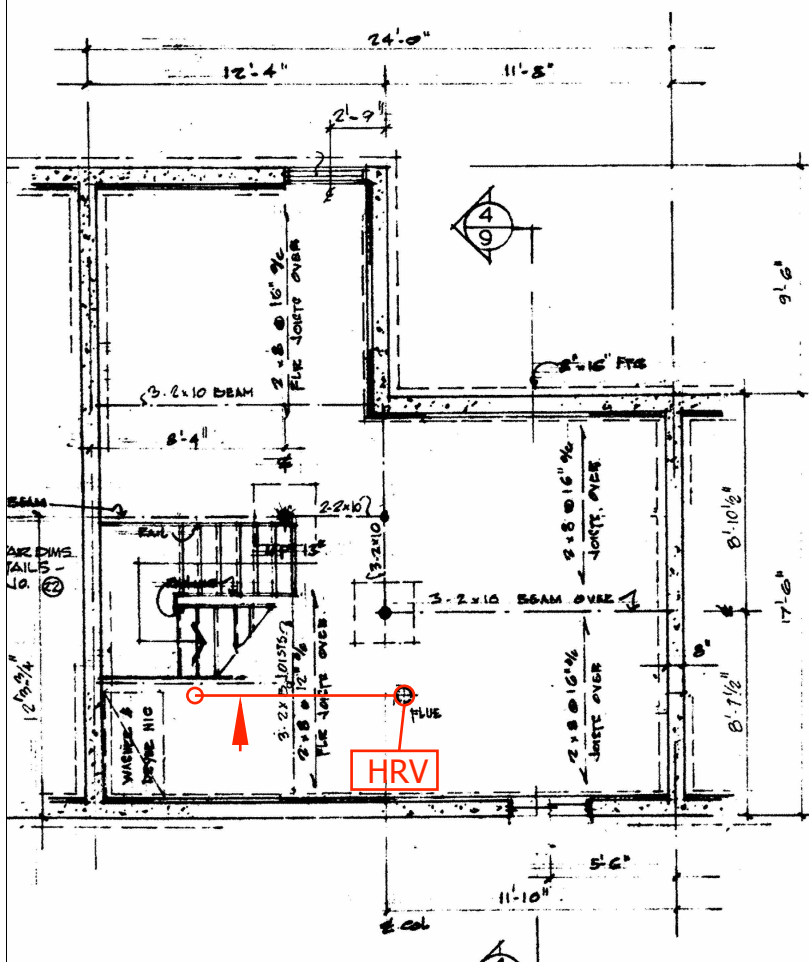
4/9 Section



5/9 Entry Elevation



6/9 Patio Elevation



NOTES

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- ATTIC JUMPERS TO BE INSULATED

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UNLESS OTHERWISE NOTED

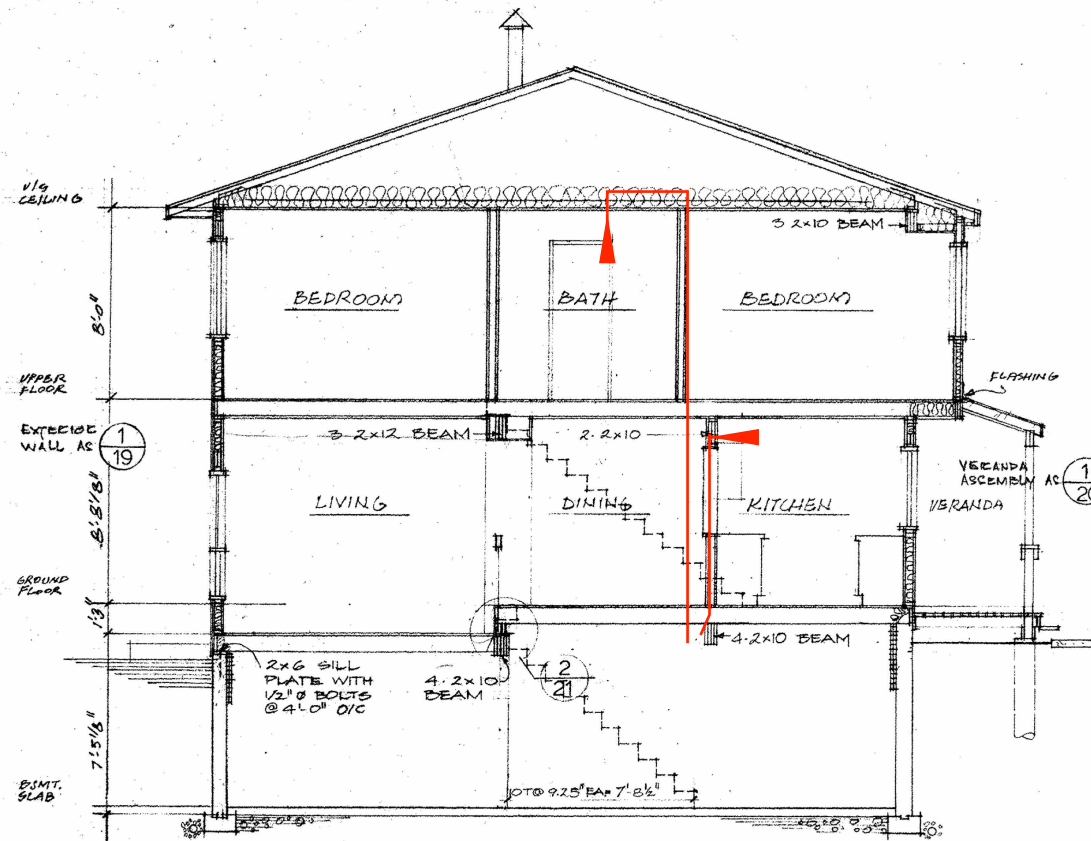
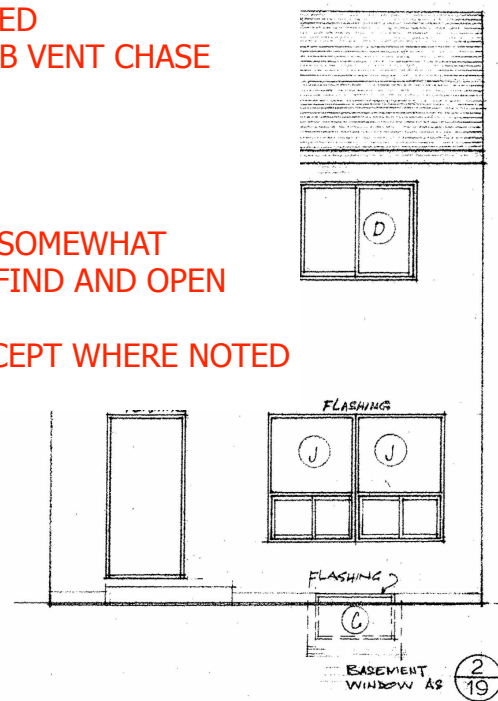
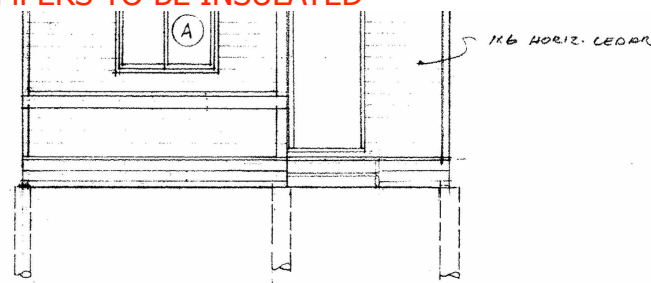
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DUCTING

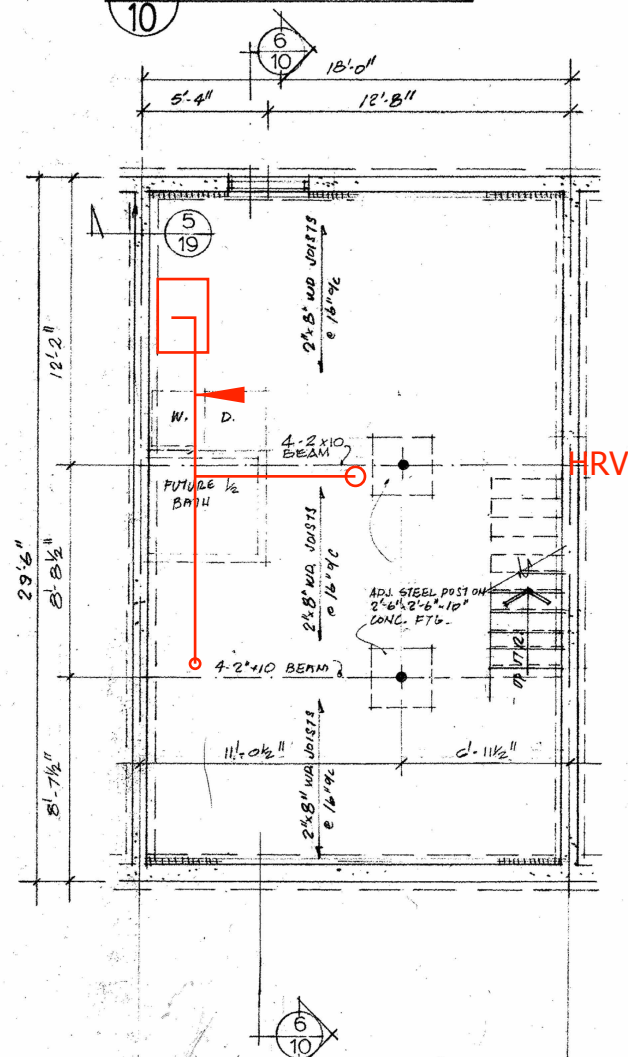
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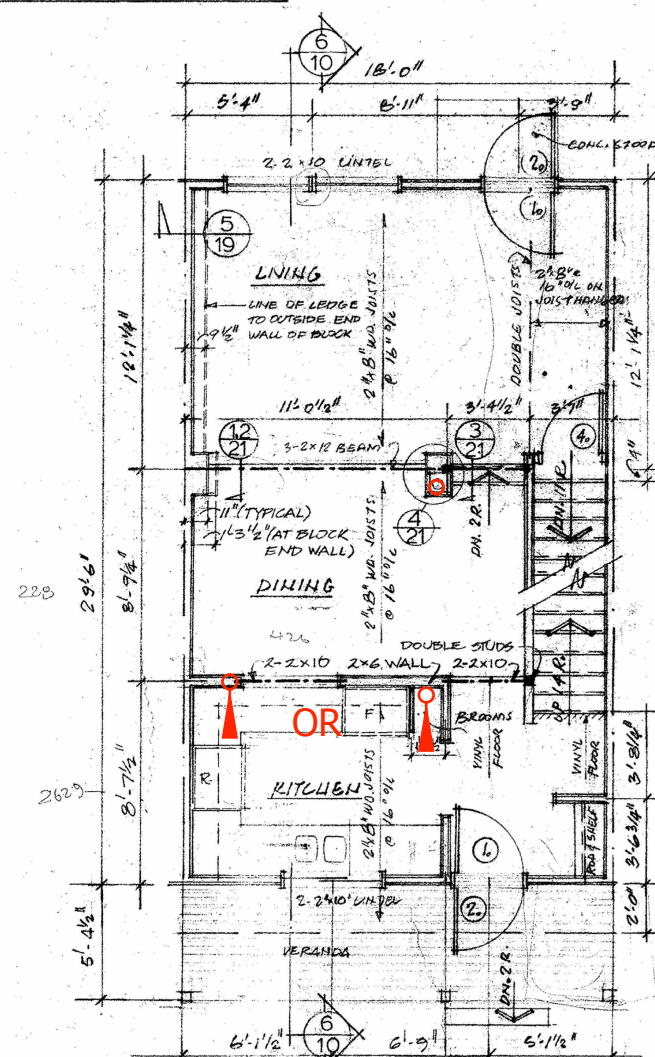
- BUTTERWICK WILL OPEN AND REPAIR WALLS AS REQUIRED
- SECOND FLOOR EXHAUST VENTS TO BE ROUTED IN OLD B VENT CHASE
- ALL BASEMENT HEADERS TO BE 6" ROUND
- ALL KITCHEN EXHAUSTS TO BE 5" ROUND
- ALL BATHROOM EXHAUSTS TO BE 4" ROUND
- LAUNDRY EXHAUSTS TO BE 4" ROUND
- MAIN FLOOR EXHAUST REGISTER LOCATIONS MAY VARY SOMEWHAT DEPENDING ON EXISTING FRAMING. BUTTERWICK WILL FIND AND OPEN UP SHORTEST, EASIEST PATHWAY
- RISERS IN EXISTING B VENT CHASE TO BE 5" ROUND EXCEPT WHERE NOTED
- ATTIC JUMPERS TO BE INSULATED



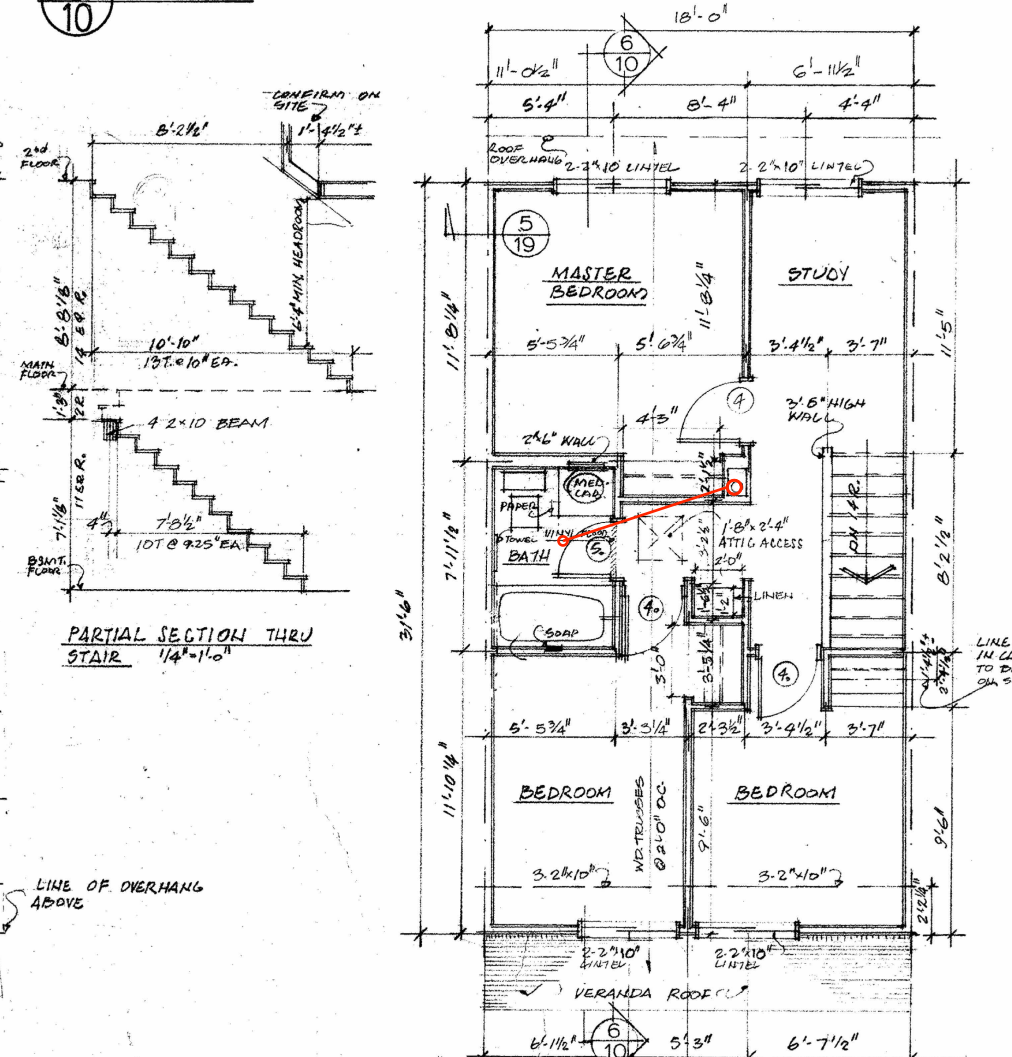
4 Entry Elevation



5 Patio Elevation



6 Section



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**UNIT 28 HRV
DUCTING**

DATE
August 1, 2022

SCALE 1/8" = 1'0"
UNLESS OTHERWISE NOTED

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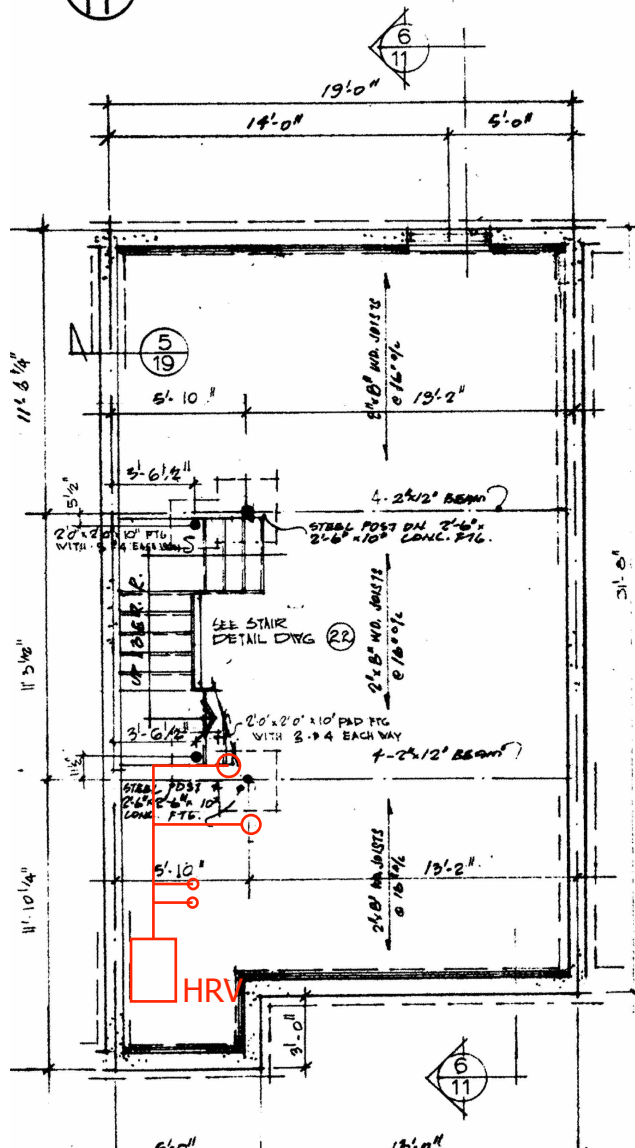
**UNIT 3B HRV
DUCTING**

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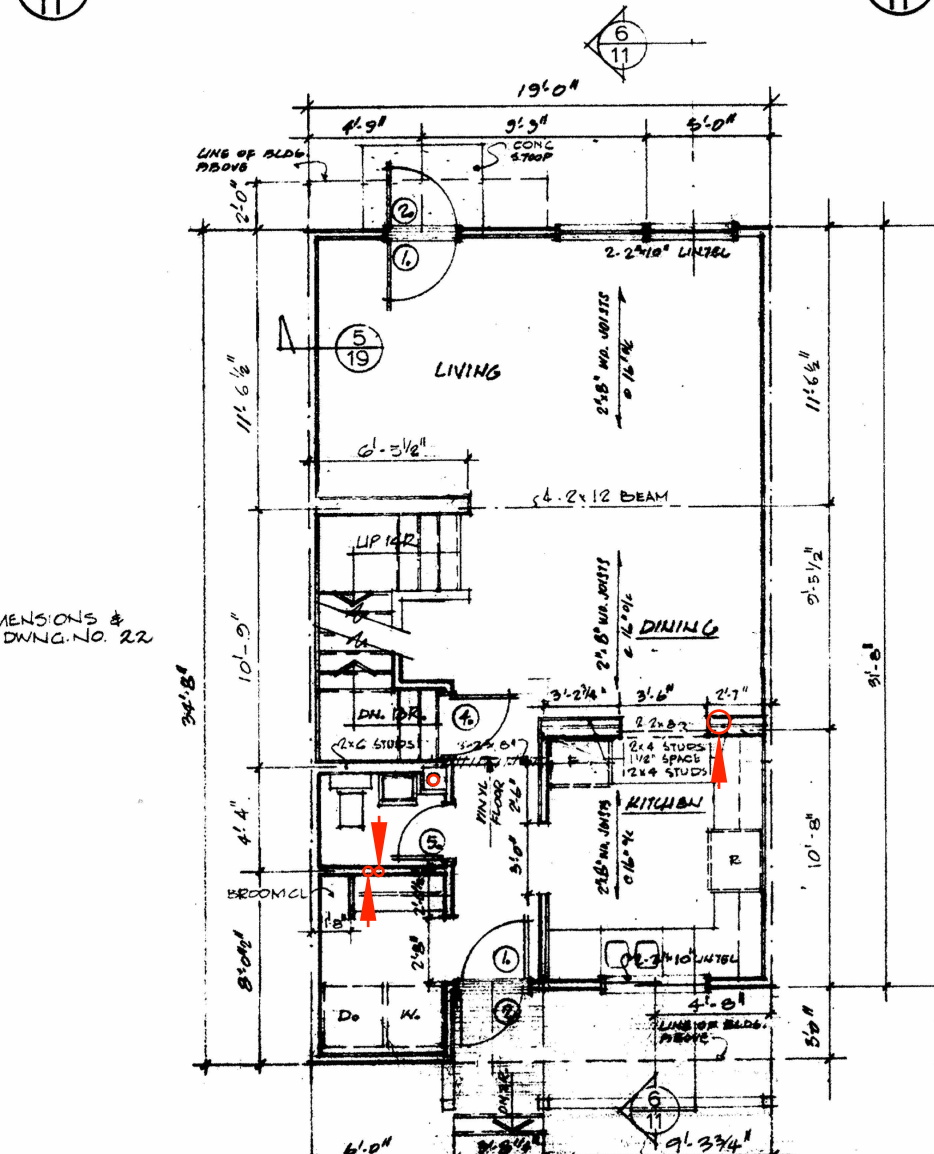
NOTES

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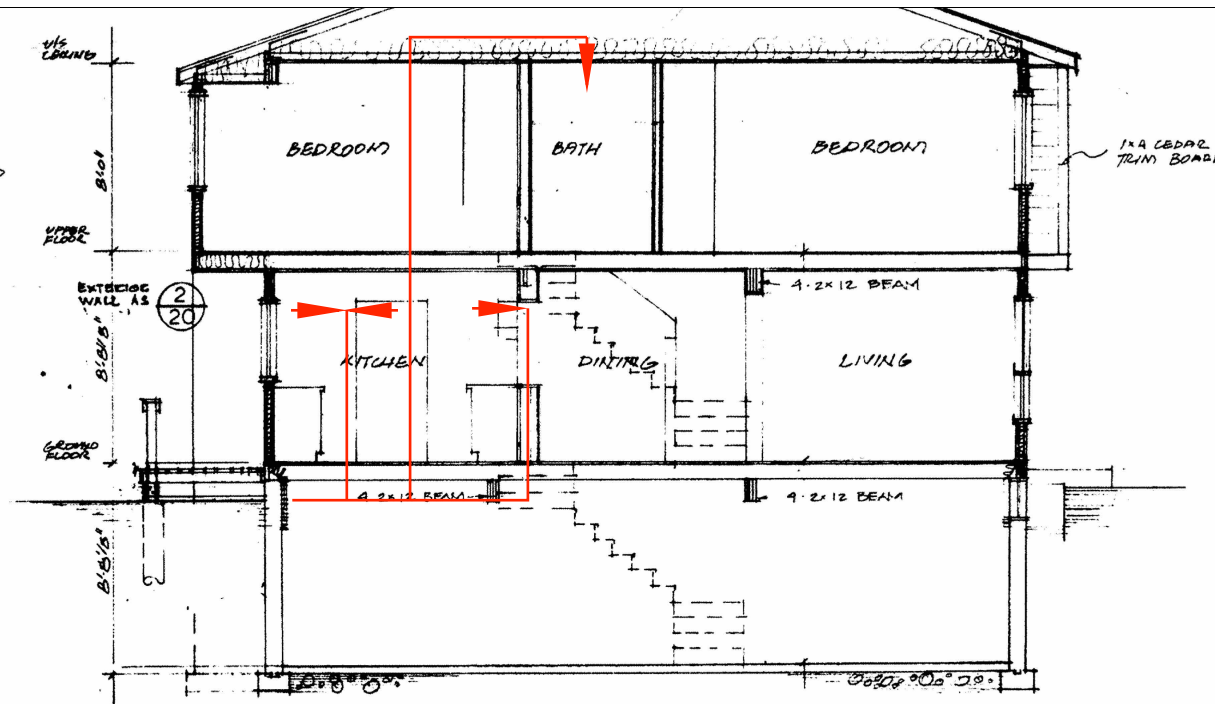
4 Entry Elevation



5 Patio Elevation



6 Section



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DATE
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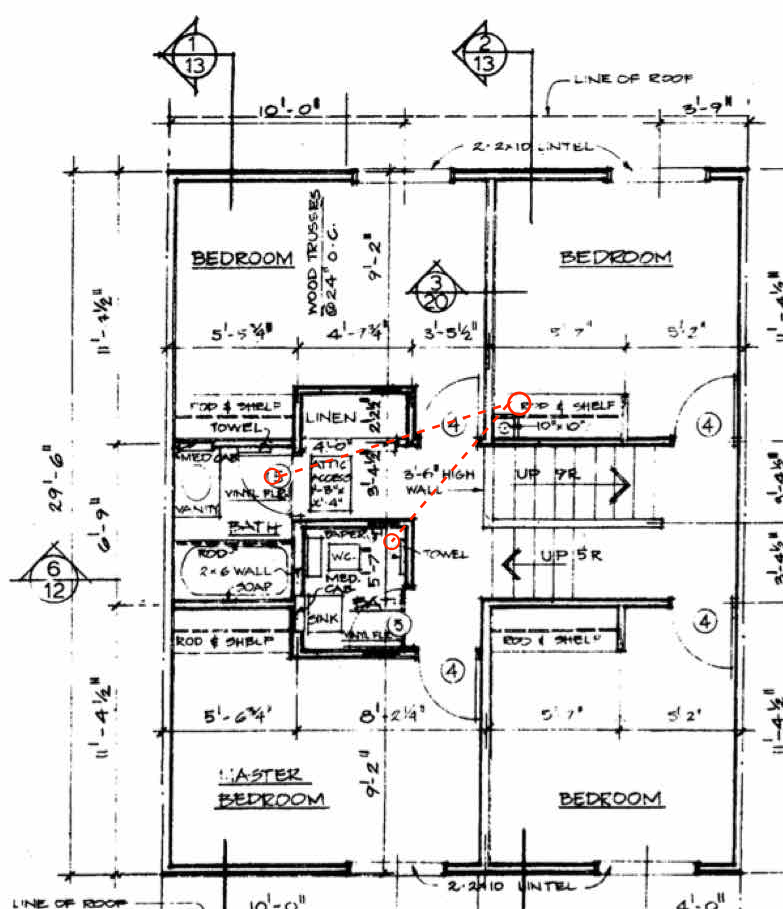
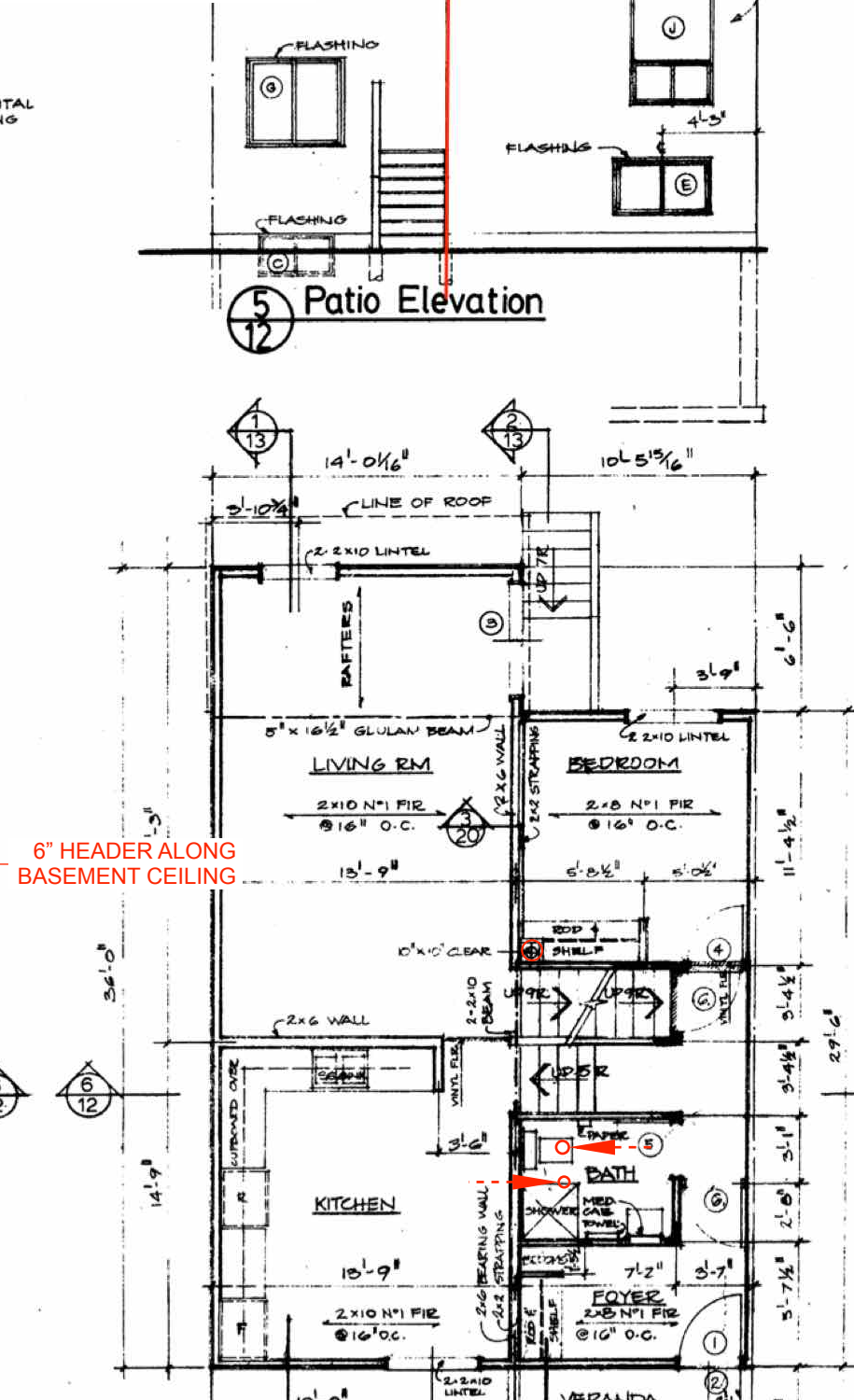
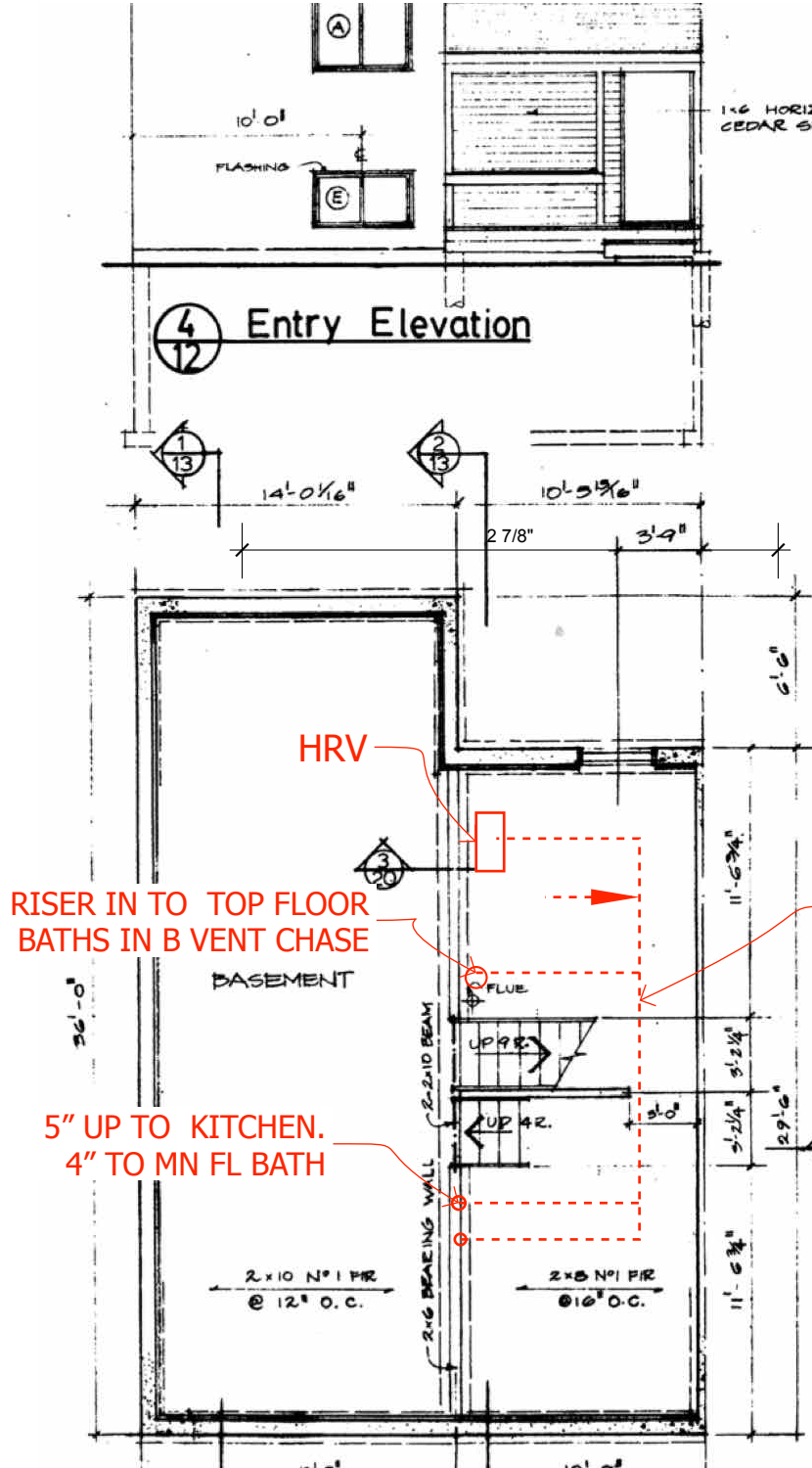
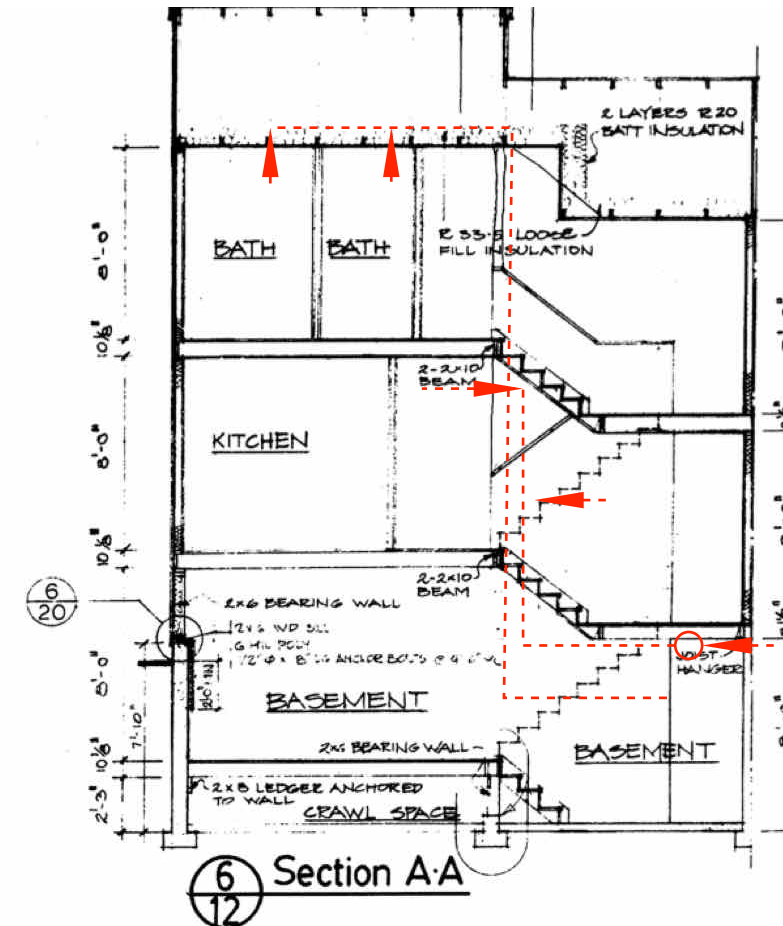
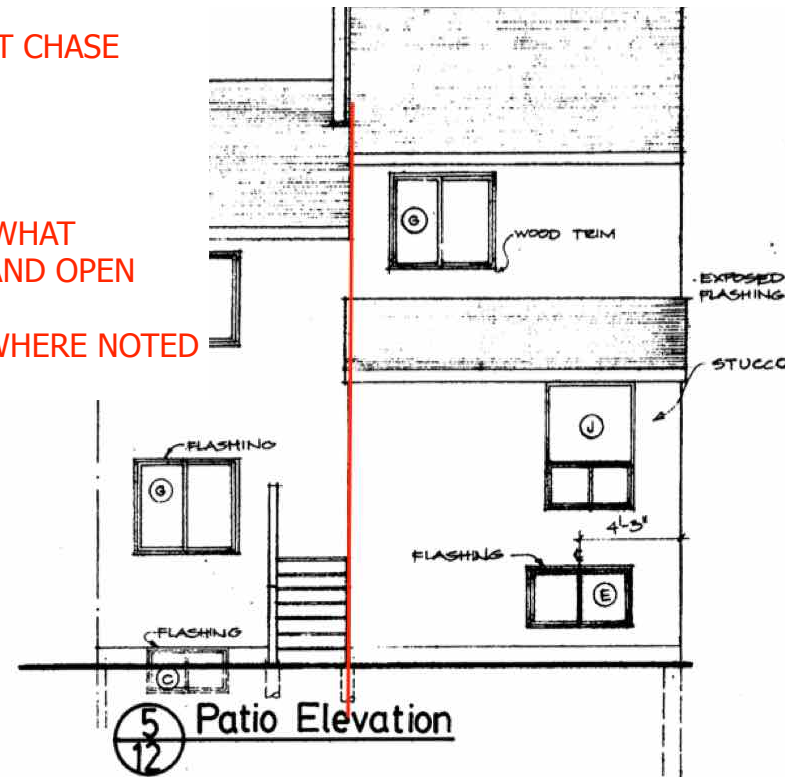
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UNIT 4B HRV
DUCTING

NOTES

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