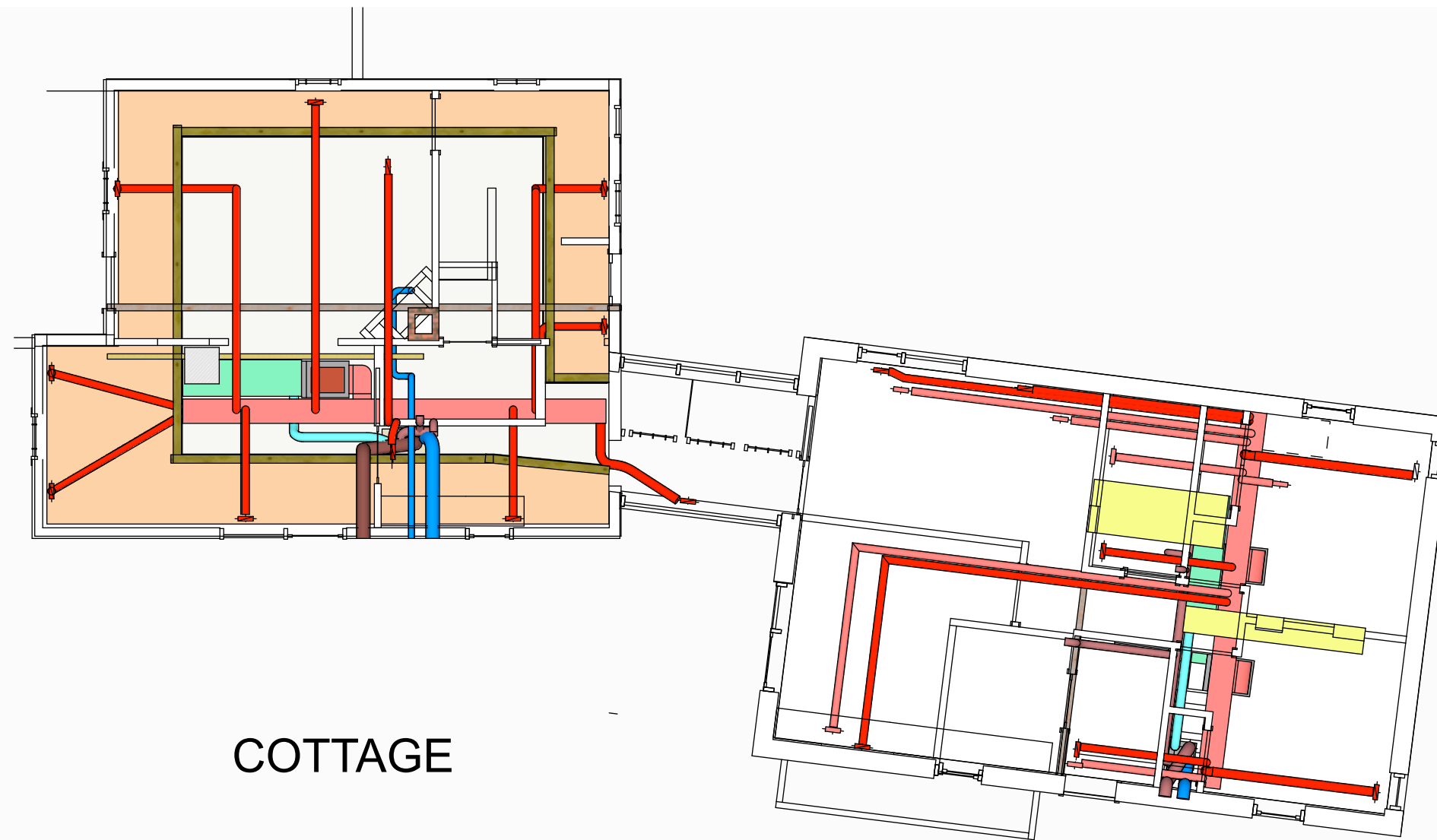


INDEX OF DRAWINGS

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SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	



COTTAGE

ADDITION










**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

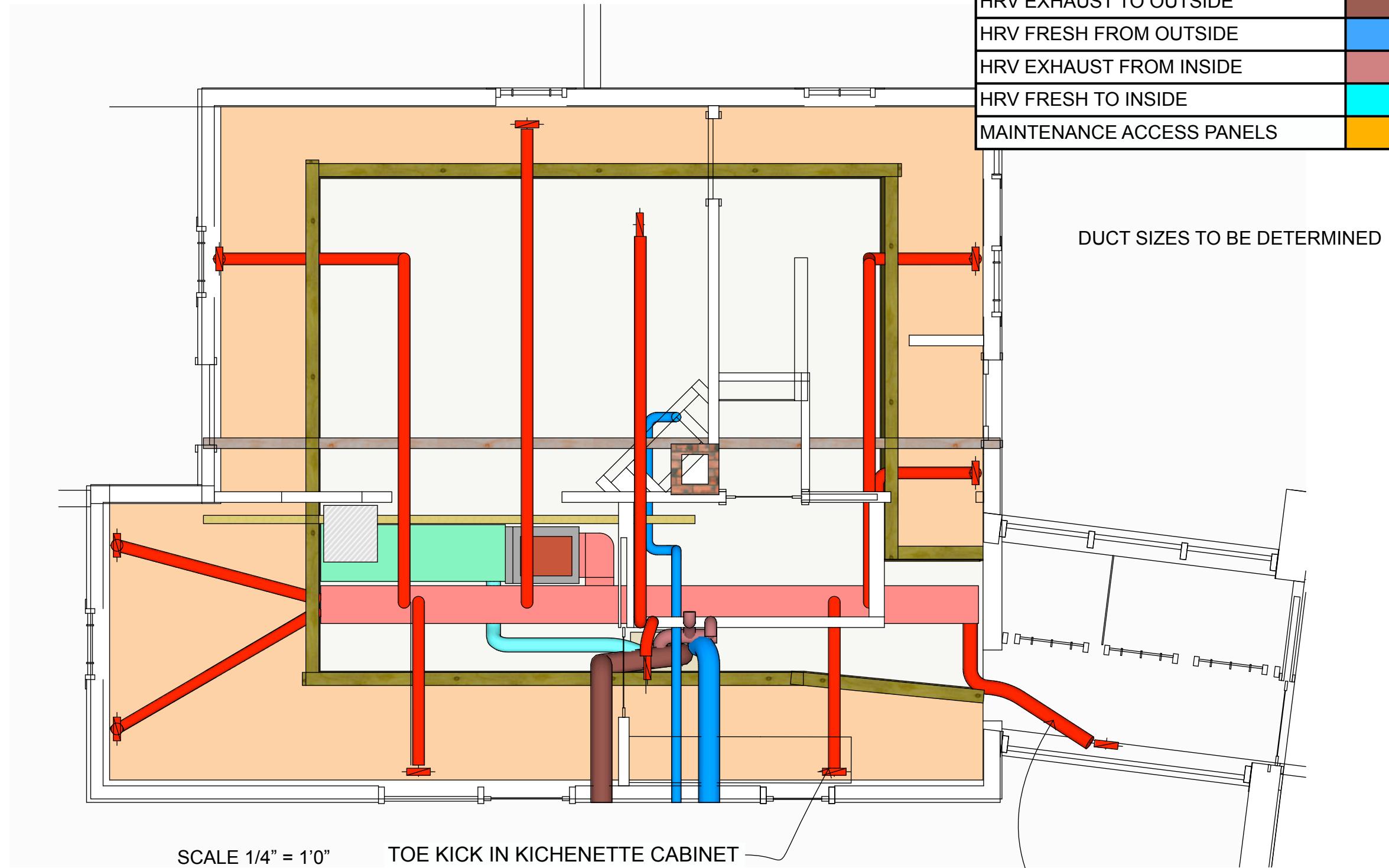
DATE  
June 8, 2023

PRELIMINARY  
MECHANICAL

DRAWN BY  
PA

OVERVIEW

SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	



SCALE 1/4" = 1'0"

TOE KICK IN KICHENETTE CABINET

HEAT TO 'NECK'. THIS COULD ALSO BE FED FROM ADDITION

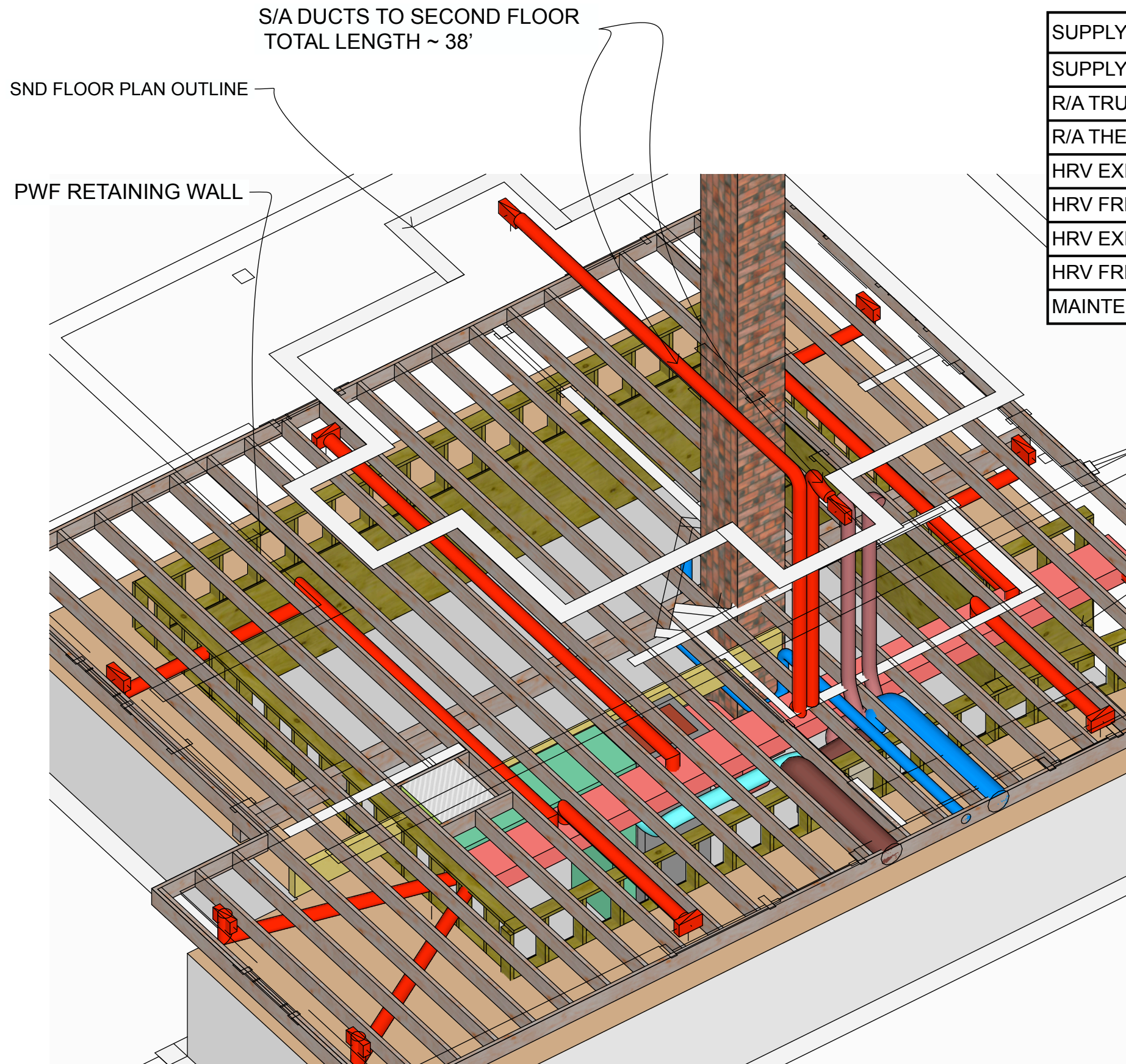
**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

DATE  
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MECHANICAL

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COTTAGE SUPPLY AIR  
BRANCH DUCTS PLAN  
VIEW



SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	

2X8 JOISTS SPACED APPROXIMATELY 16" OC. SPACING IS IRREGULAR

**RUTHERFORD  
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525 BUFFALO AVE  
BANFF, ALBERTA

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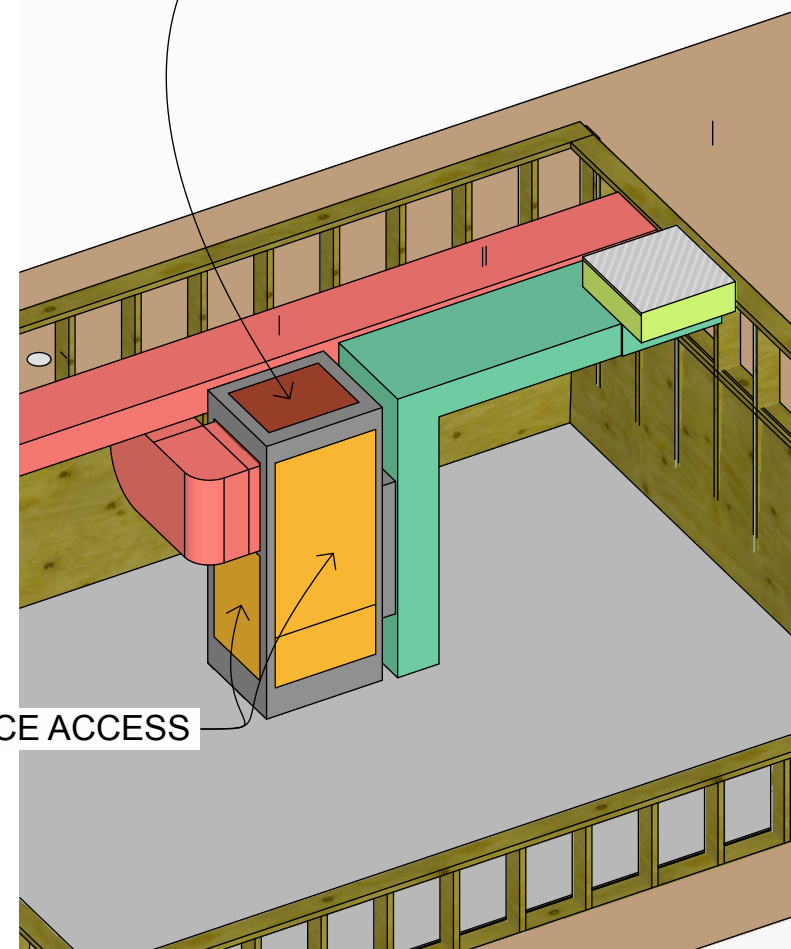
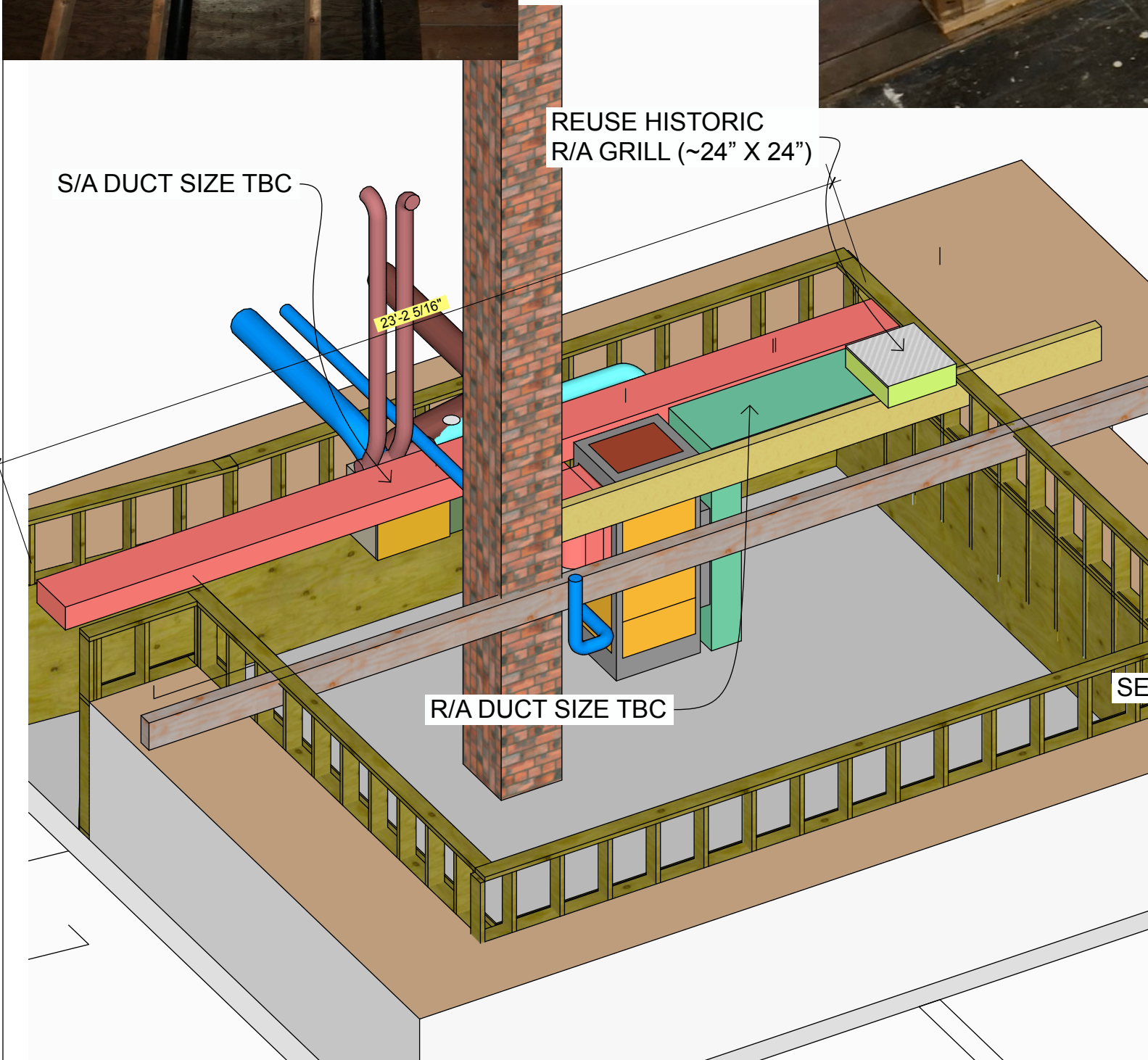
COTTAGE S/A ISO





SUPPLY AIR BASEMENT	Light Red
SUPPLY AIR MAIN & 2ND	Red
R/A TRUNK	Light Green
R/A THERMOPAN & FRAME	Yellow
HRV EXHAUST TO OUTSIDE	Brown
HRV FRESH FROM OUTSIDE	Blue
HRV EXHAUST FROM INSIDE	Pink
HRV FRESH TO INSIDE	Cyan
MAINTENANCE ACCESS PANELS	Orange

NORDIC R45 RIGHT RETURN



**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

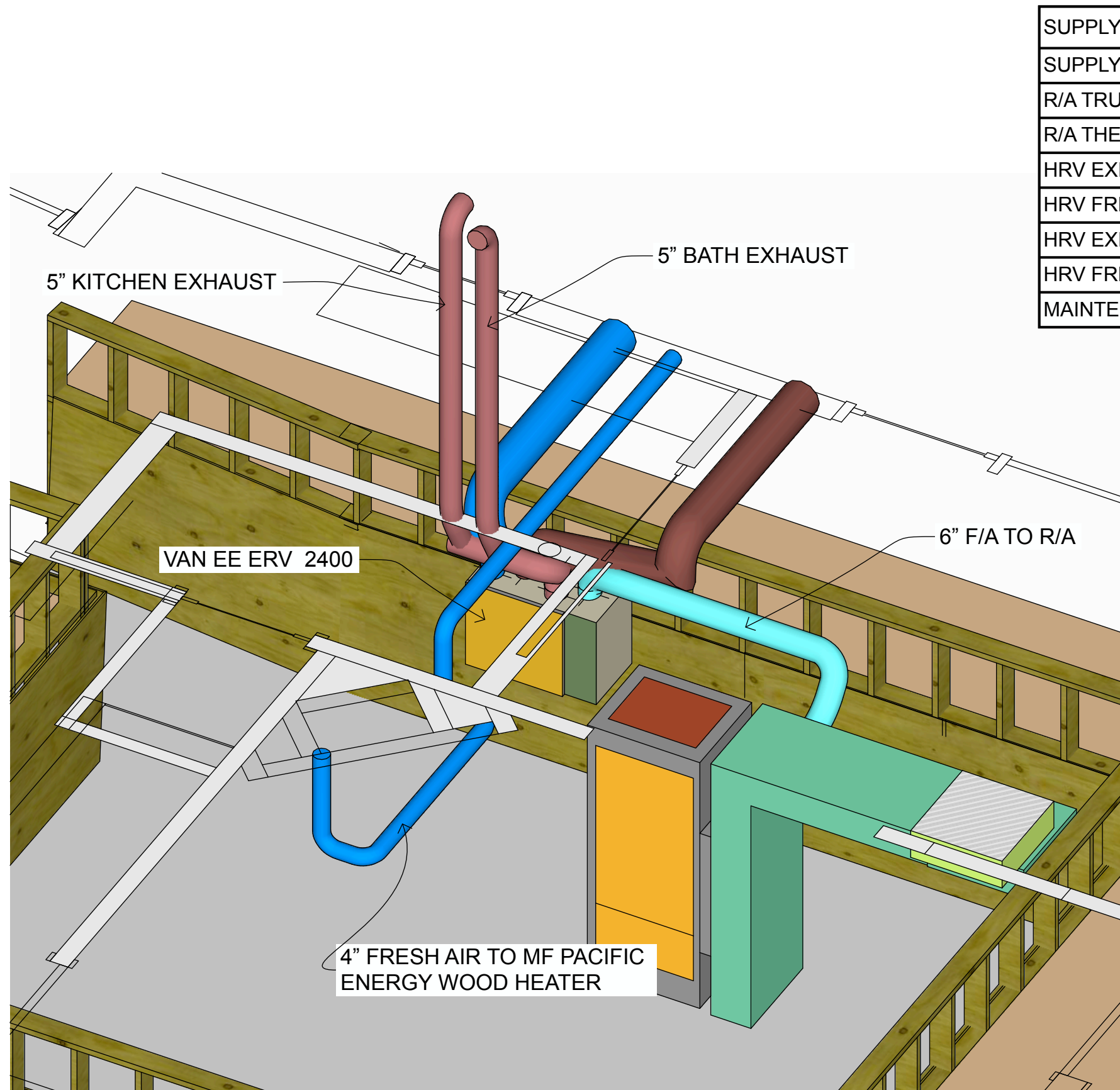
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June 8, 2023

PRELIMINARY  
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COTTAGE TRUNK  
DUCTS





SUPPLY AIR BASEMENT	Light Red
SUPPLY AIR MAIN & 2ND	Red
R/A TRUNK	Light Green
R/A THERMOPAN & FRAME	Yellow
HRV EXHAUST TO OUTSIDE	Brown
HRV FRESH FROM OUTSIDE	Blue
HRV EXHAUST FROM INSIDE	Dark Red
HRV FRESH TO INSIDE	Cyan
MAINTENANCE ACCESS PANELS	Orange










**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

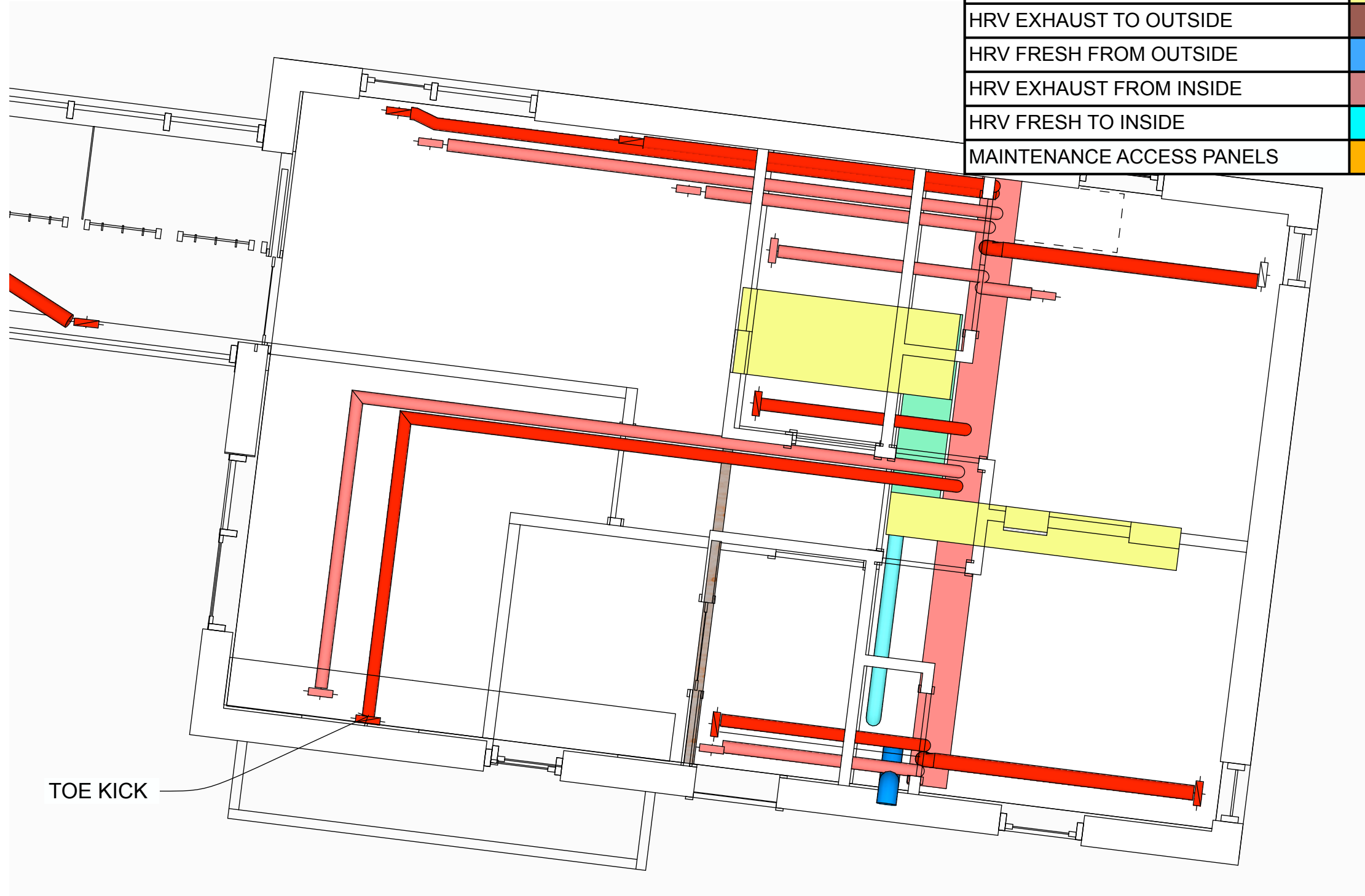
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COTTAGE HRV

SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	



TOE KICK

SCALE 1/4" = 1'0"

DUCT SIZES TO BE DETERMINED

**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA










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June 8, 2023

PRELIMINARY  
MECHANICAL

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ADDITION SUPPLY AIR  
BRANCH DUCTS PLAN  
VIEW



SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	

**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
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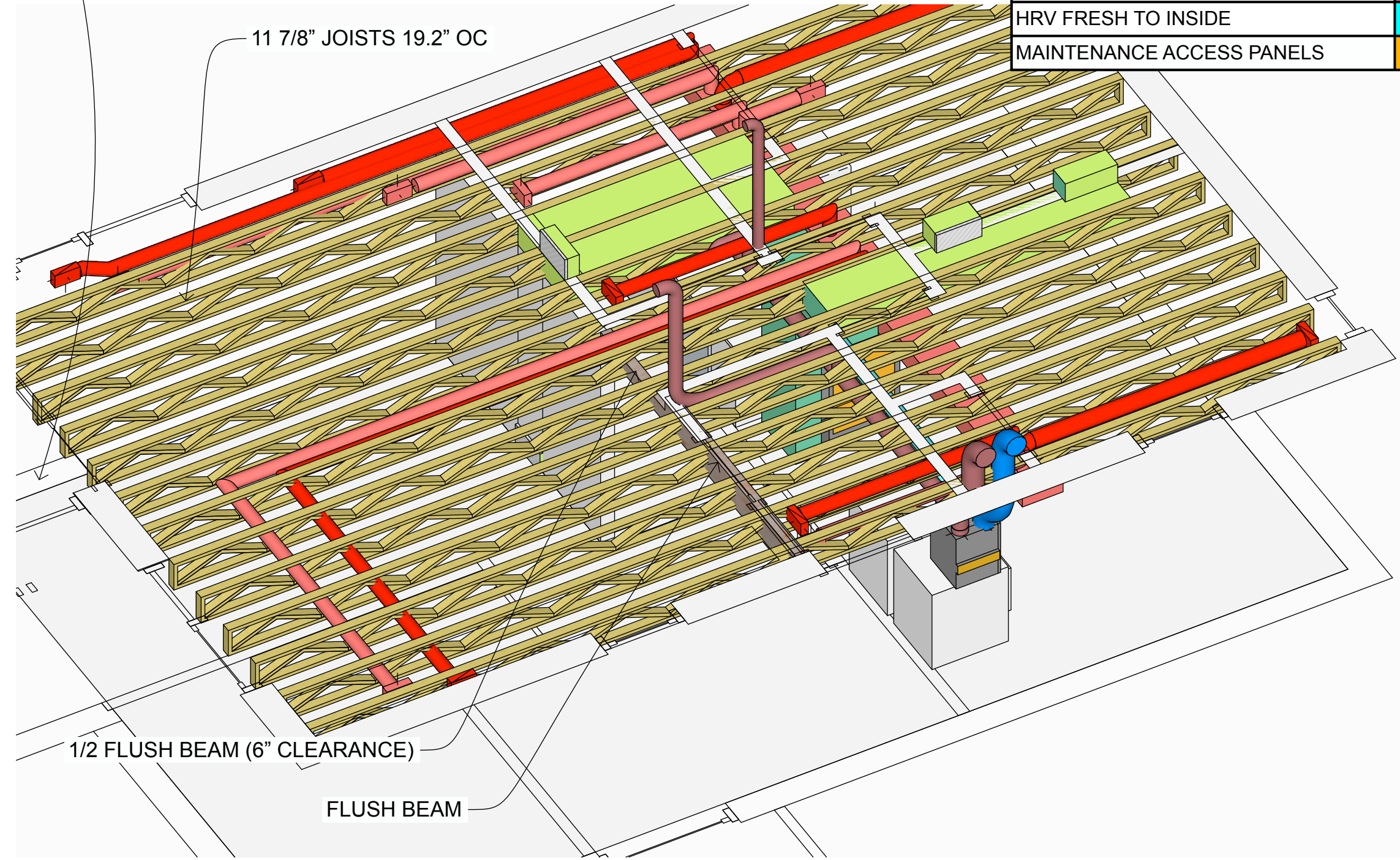
ADDITION S/A ISO










IT MIGHT BE POSSIBLE TO INSTALL  
S/A IN NECK FROM THE ADDITION HEAT PUMP

11 7/8" JOISTS 19.2" OC

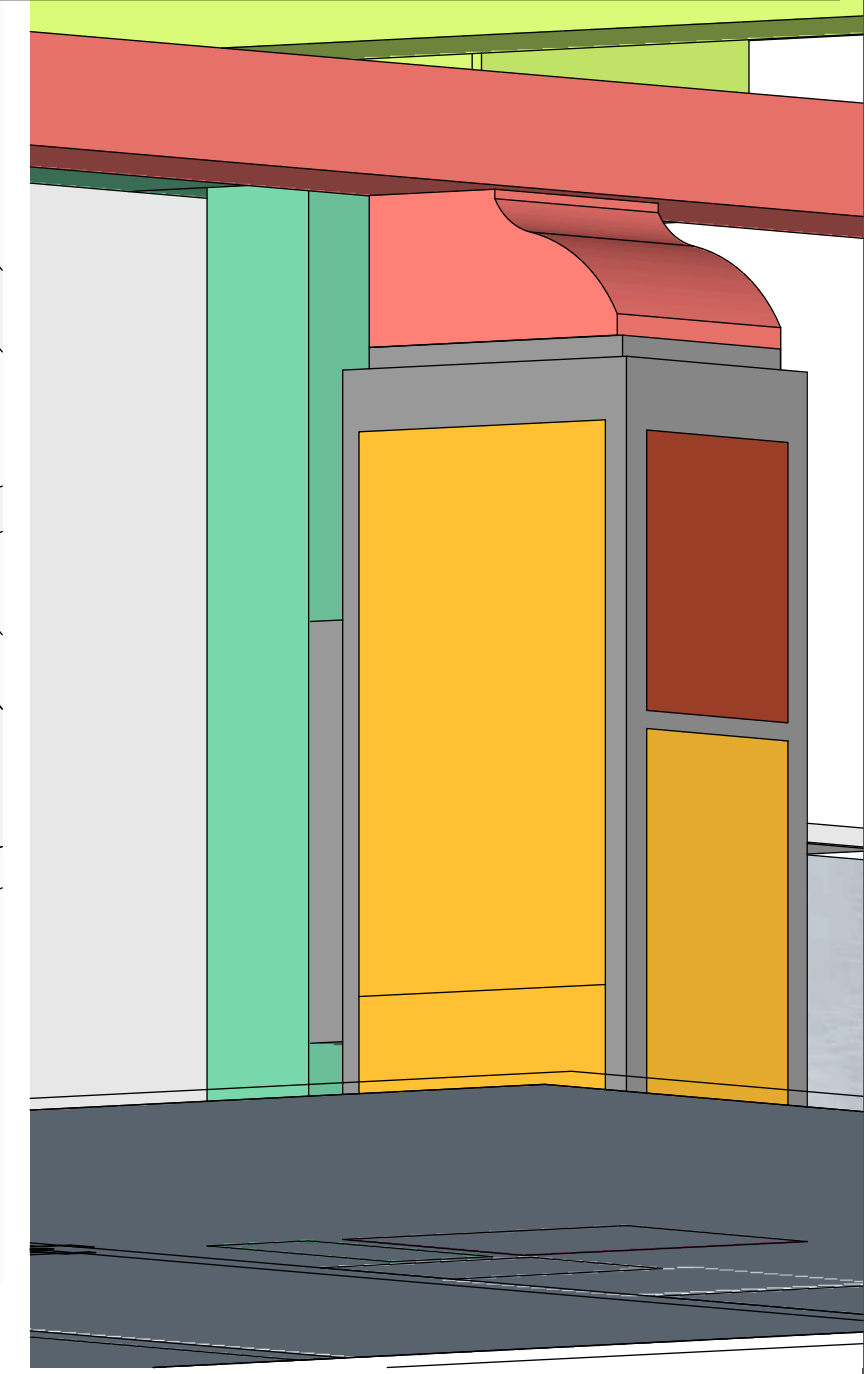
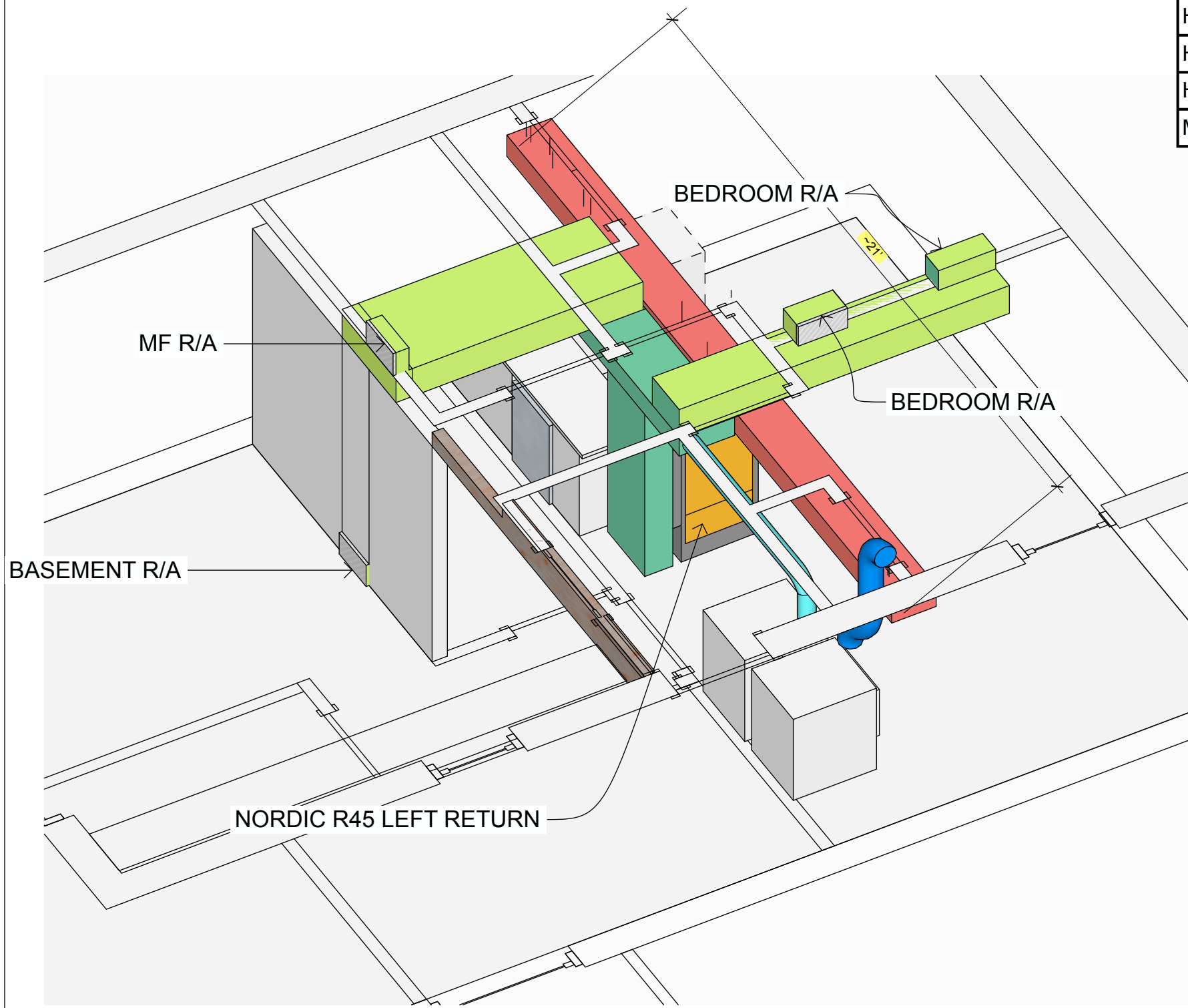
1/2 FLUSH BEAM (6" CLEARANCE)

FLUSH BEAM



SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	

DUCT SIZES TBC



**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA










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PRELIMINARY  
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ADDITION TRUNK  
DUCTS



SUPPLY AIR BASEMENT	
SUPPLY AIR MAIN & 2ND	
R/A TRUNK	
R/A THERMOPAN & FRAME	
HRV EXHAUST TO OUTSIDE	
HRV FRESH FROM OUTSIDE	
HRV EXHAUST FROM INSIDE	
HRV FRESH TO INSIDE	
MAINTENANCE ACCESS PANELS	

4" HRV EXHAUST FROM MAIN FLOOR BATH

4" HRV EXHAUST FROM BASEMENT BATH

5" HRV EXHAUST FROM KITCHEN

VAN EE ERV Top ports: V160E75RT

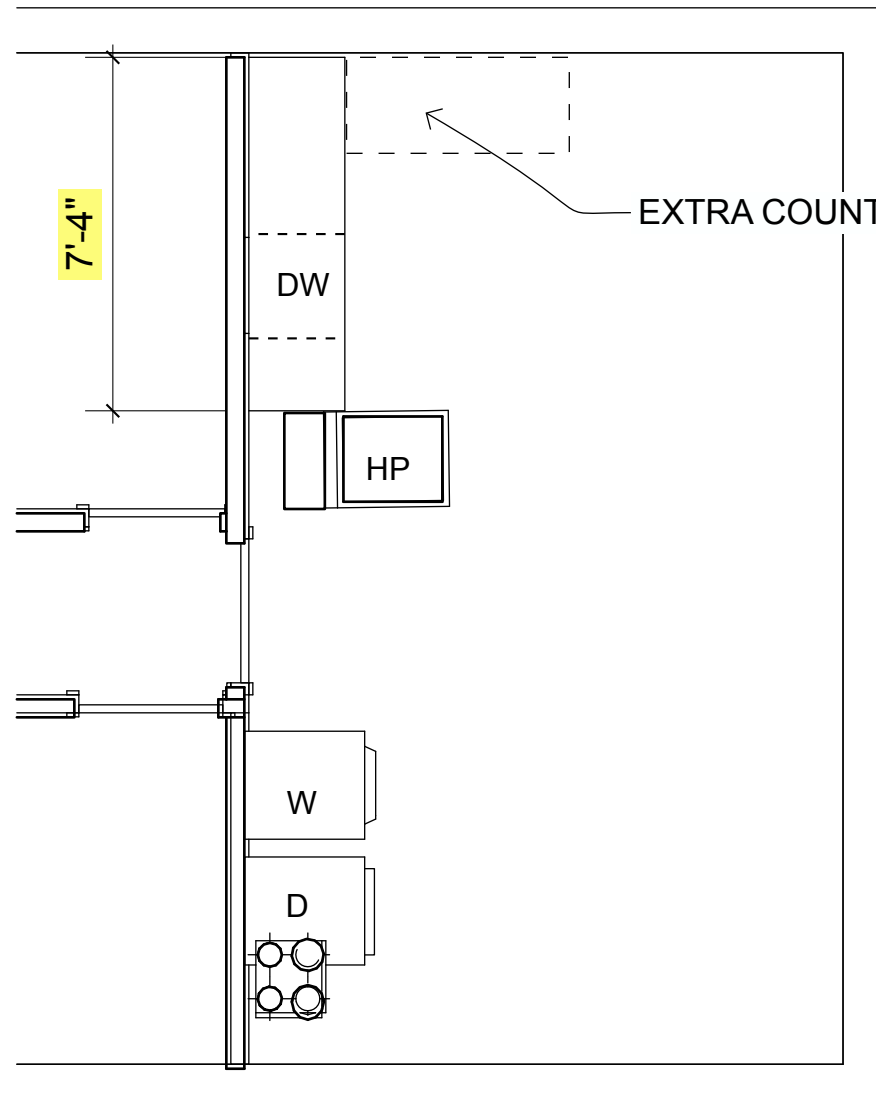
**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

DATE  
June 8, 2023

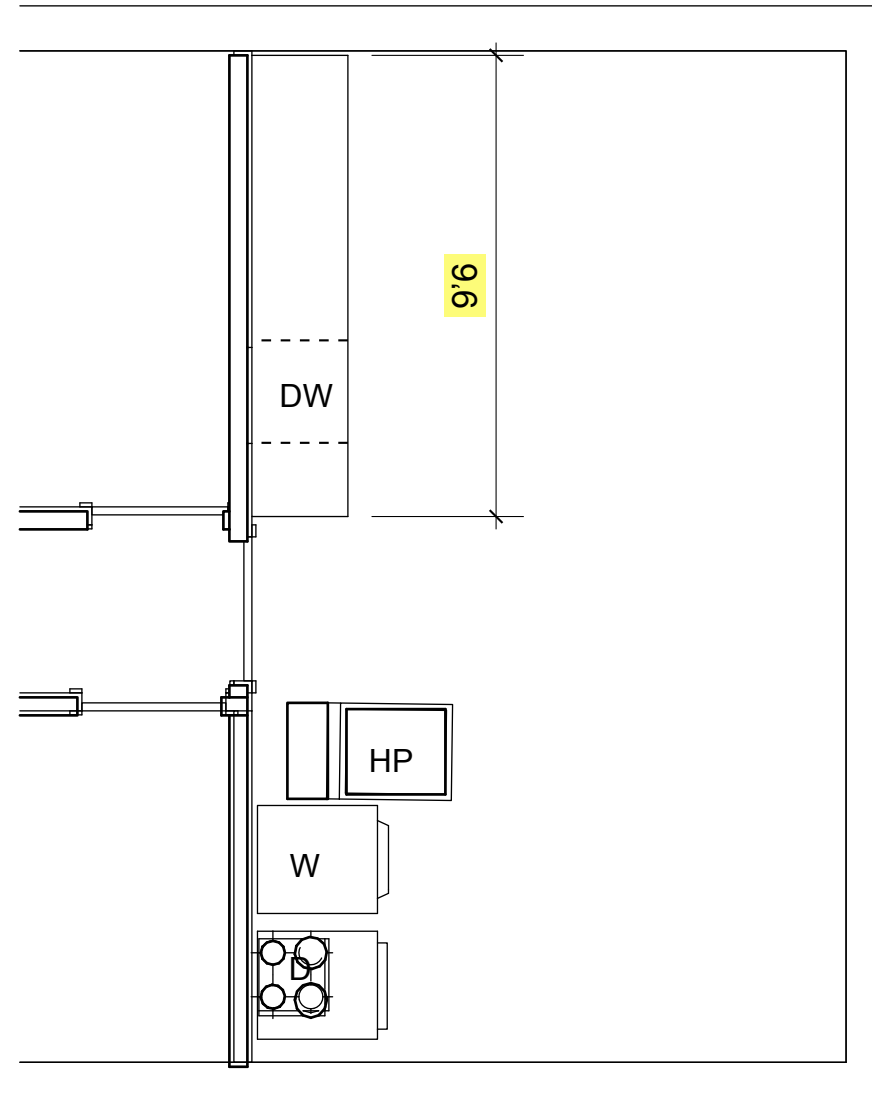
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ADDITION HRV



OPTION 1



OPTION 2

**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

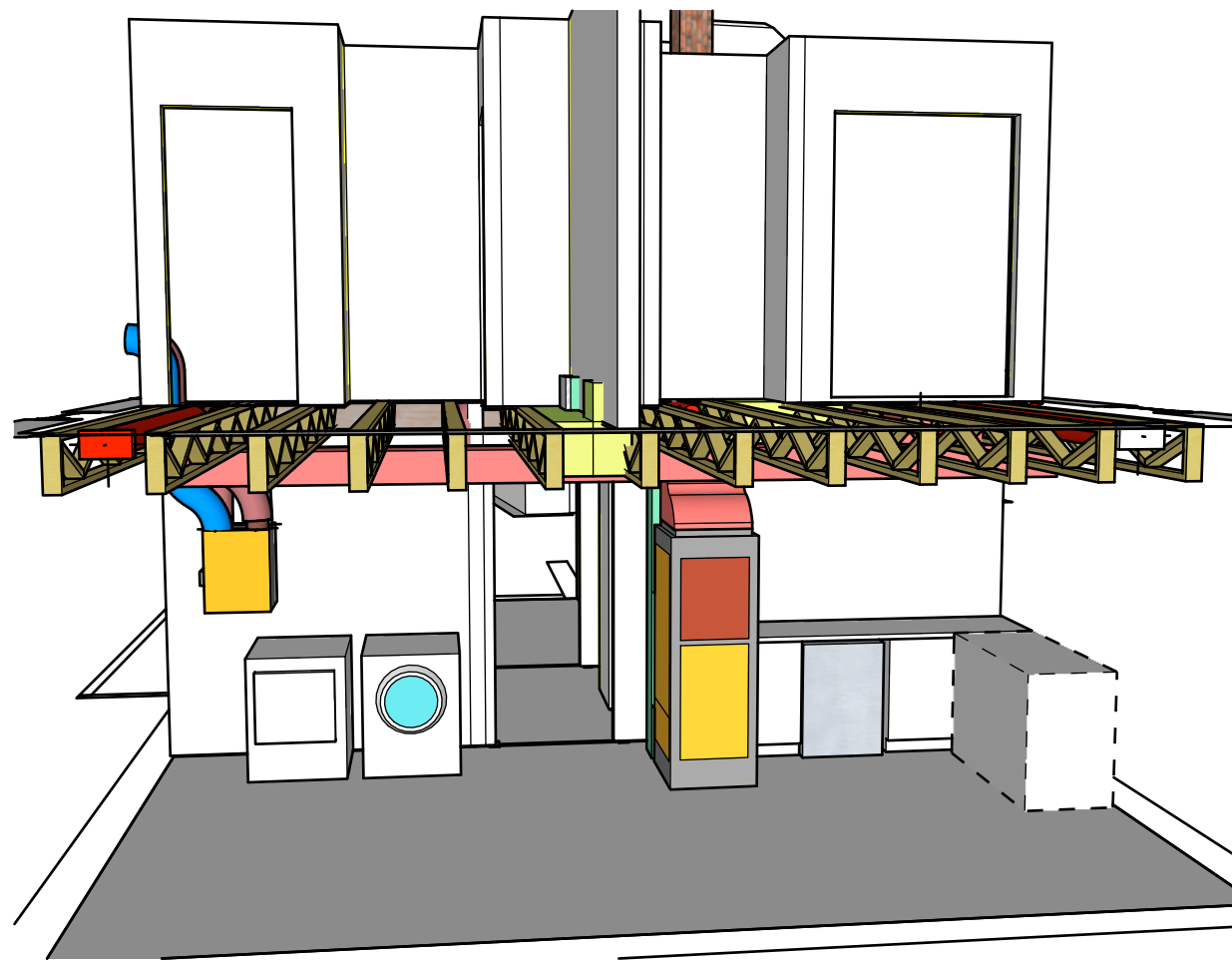
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DISHWASHER  
OPTIONS PLAN





OPTION 1



OPTION 2

---

**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

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DATE  
June 8, 2023

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PRELIMINARY  
MECHANICAL

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DISHWASHER  
OPTIONS ISO

---



FLOW THROUGH



UNDER COUNTER

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**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

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DATE  
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PRELIMINARY  
MECHANICAL

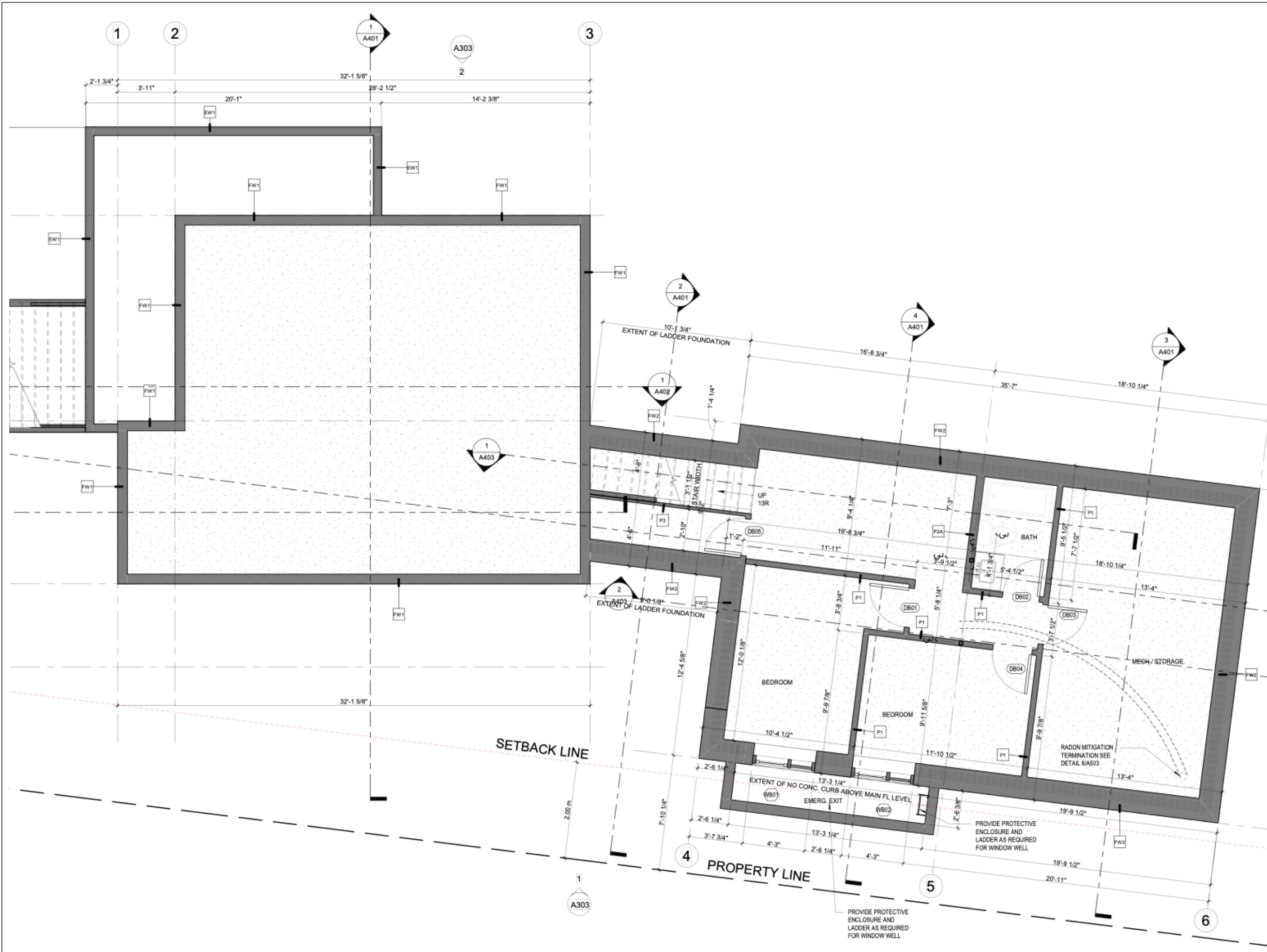
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DISHWASHERS

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**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
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BASEMENT PLAN



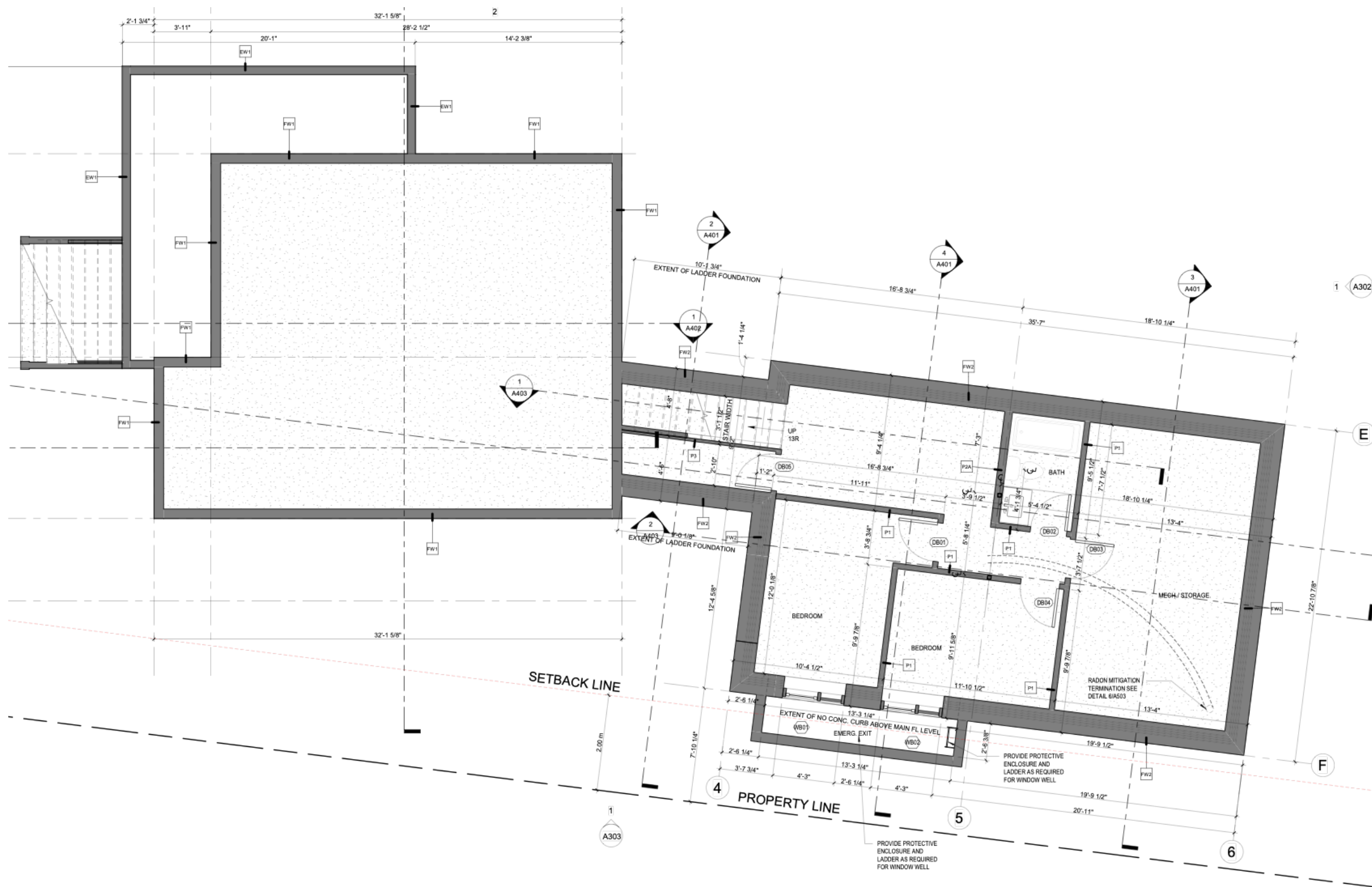
**RUTHERFORD  
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525 BUFFALO AVE  
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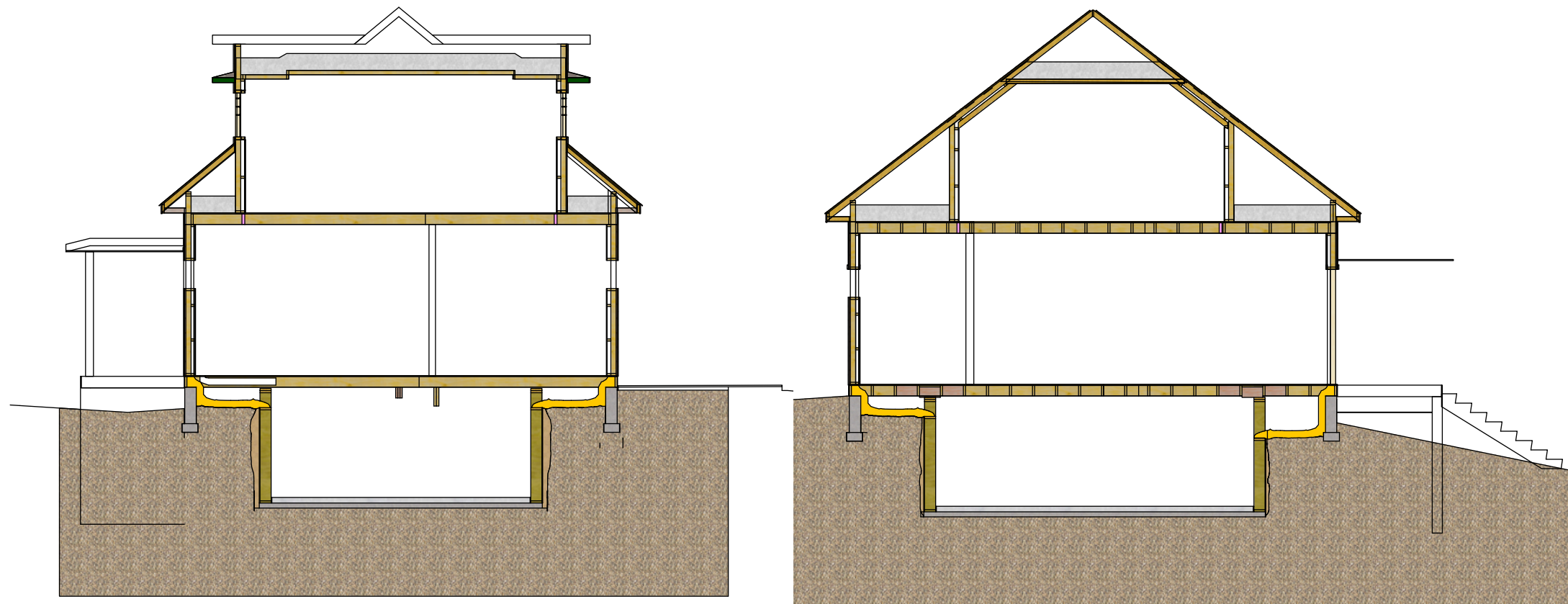
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**MAIN PLAN**



**1 PROPOSED FOUNDATION PLAN**  
A202A003 1/4" = 1'-0"

INDEX OF DRAWINGS



EAST WEST COTTAGE SECTION

NORTH SOUTH COTTAGE SECTION

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**RUTHERFORD  
COTTAGE**  
525 BUFFALO AVE  
BANFF, ALBERTA

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COTTAGE SECTIONS

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