

# BASEMENT AREA WELL AND EGRESS WINDOWS

## APPLICABLE CODES AND LIFE SAFETY INFORMATION SUMMARY

ALL ROOMS WILL MEET CITY OF ANN ARBOR HOUSING CODE.  
 8% LIGHT  
 4% VENTILATION

BUILDING CODE: 2015 MICHIGAN CODE FOR NEWLY CONSTRUCTED ELEMENTS

BUILDING CODE: 2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS  
 MECHANICAL CODE: 2015 MICHIGAN MECHANICAL CODE  
 ELECTRICAL CODE: MICHIGAN ELECTRICAL CODE (BASED ON NEC 2017)  
 PLUMBING CODE: 2018 MICHIGAN PLUMBING CODE

OCCUPANCY TYPE : R-2

AREA OF BUILDING (PER 502.1) GROSS SQUARE FEET INCLUDES OUTSIDE WALL THICKNESS)

FIRST FLOOR : 1,885 GROSS SQUARE FEET  
 SECOND FLOOR : 1,760 GROSS SQUARE FEET  
 THIRD FLOOR : 1,760 GROSS SQUARE FEET  
 BASEMENT : 1,898 GROSS SQUARE FEET

BARRIER FREE: NOT APPLICABLE

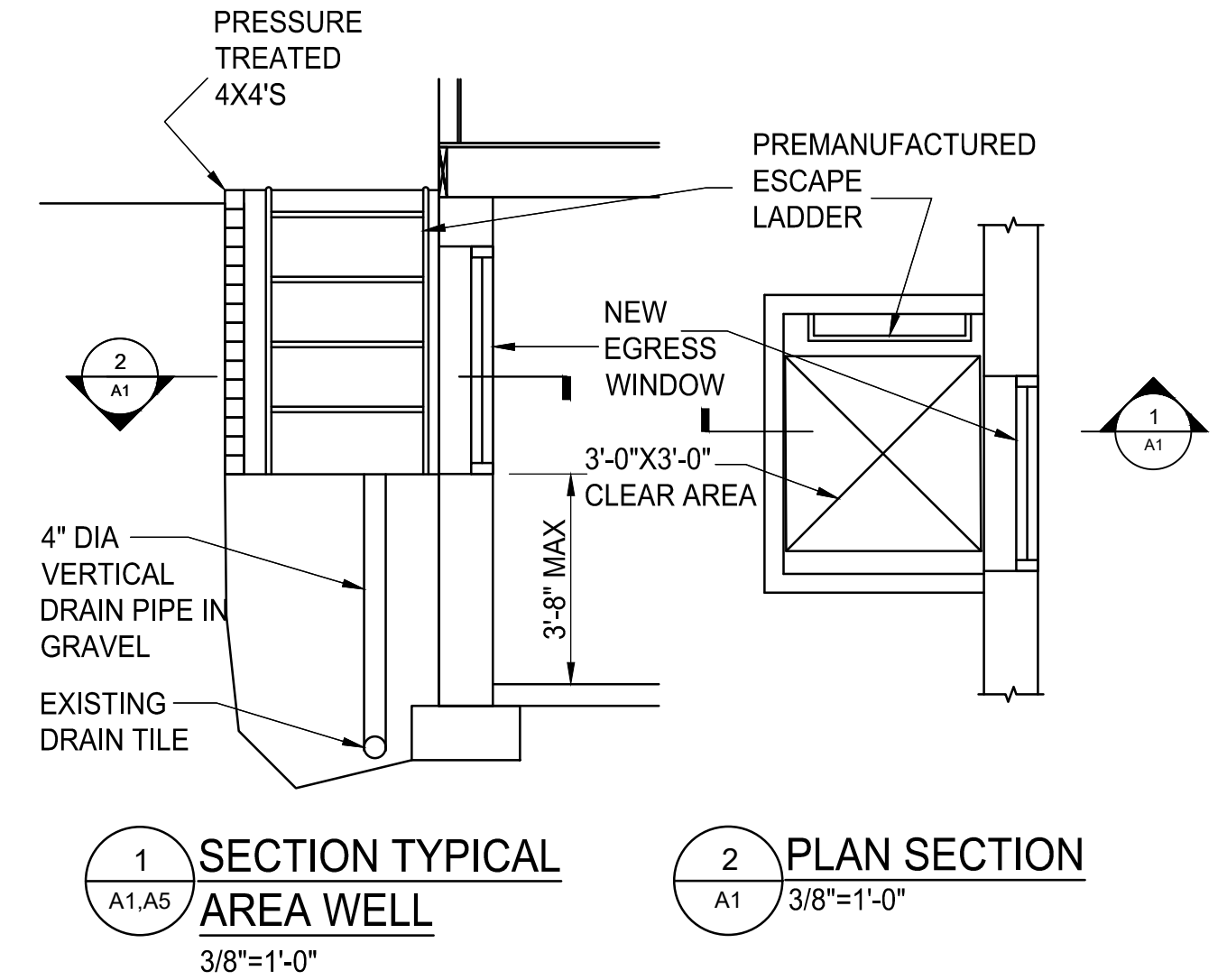
HEIGHT OF BUILDING (PER 502.1) 28'-5"

CONSTRUCTION TYPE: TYPE: VB

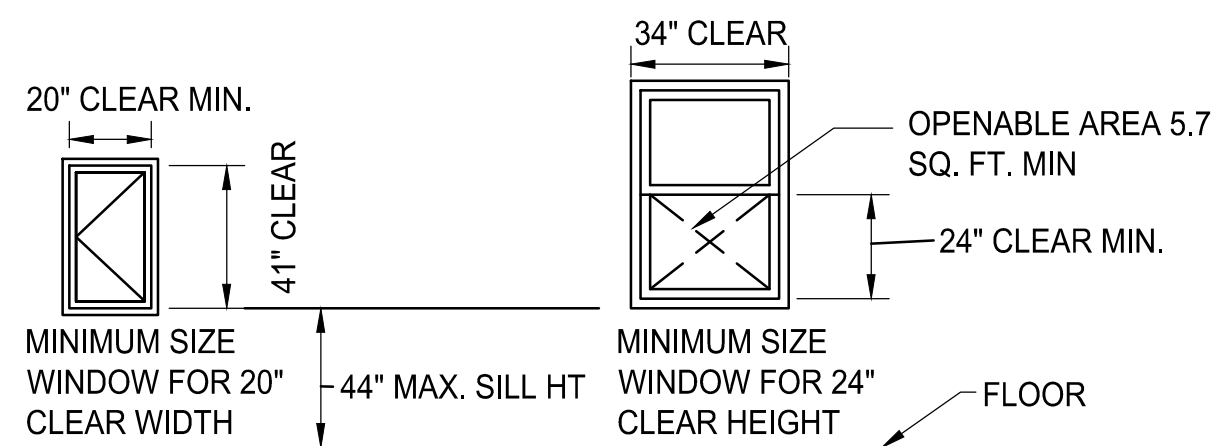
FIRE SUPPRESSION: YES SUPPRESSION DESIGNED BY OTHERS

FIRE ALARM: YES PROVIDED BY OTHERS

HISTORIC DISTRICT: YES



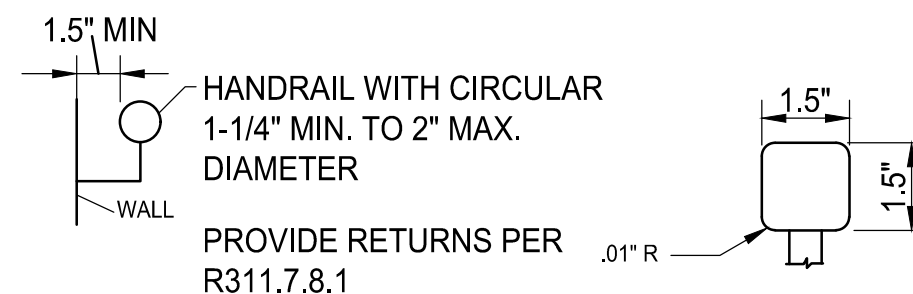
## EGRESS WINDOWS



## HANDRAILS

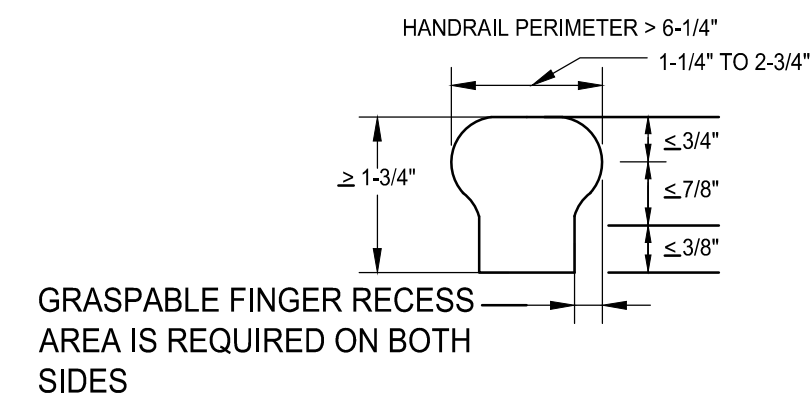
HANDRAIL HEIGHT MEASURED FROM NOSING 34\"/>

HANDRAIL THAT IS NOT CIRCULAR MUST HAVE A PERIMETER OF 4\"/>

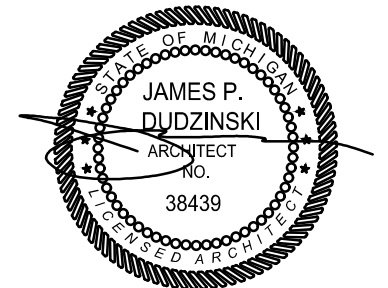


CIRCULAR HANDRAIL

NON CIRCULAR HANDRAIL



TYPE II HANDRAIL



	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE:	SHEET NO:
	RENOVATION	216 N STATE ST	NEW 1ST FLOOR SCALE: 1/4"=1'-0"		10/25/2022	PERMITS				18X24	1 OF 9
					12/07/2022	REVISION					A1
					12/14/2023	REVISION					

**WALL LEGEND**

- NEW WALL
- EXISTING WALL
- NEW 1 HOUR FIRE RATED WALL

**SYMBOL LEGEND**

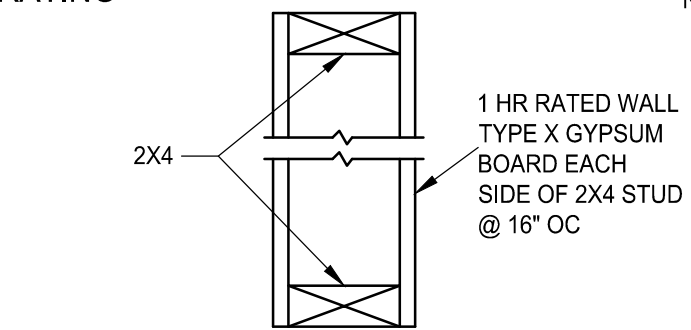
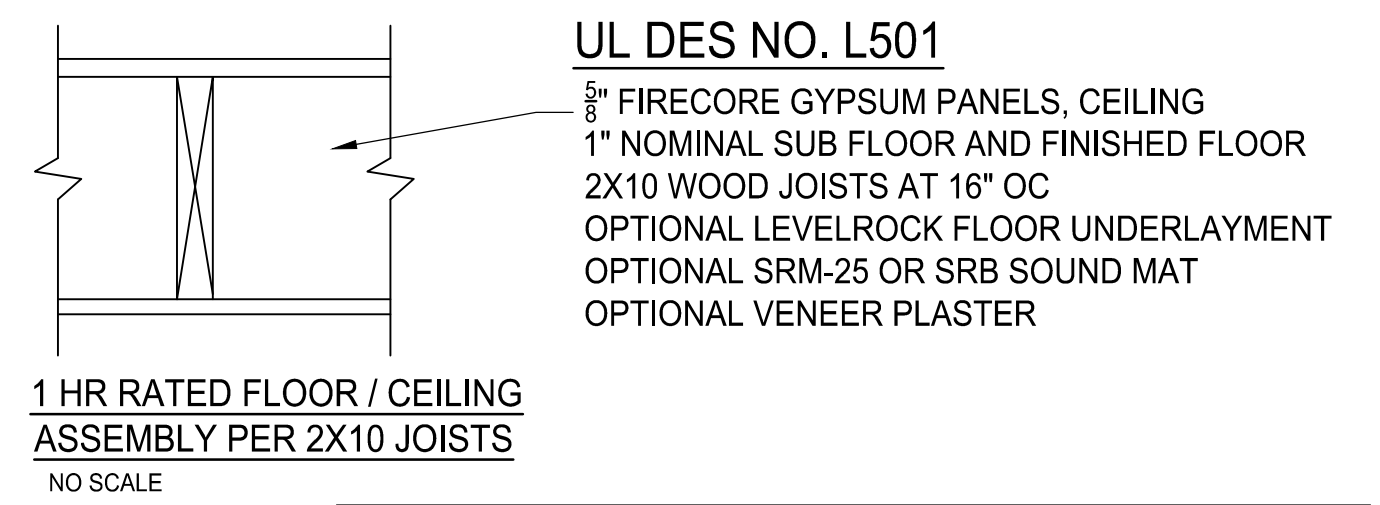
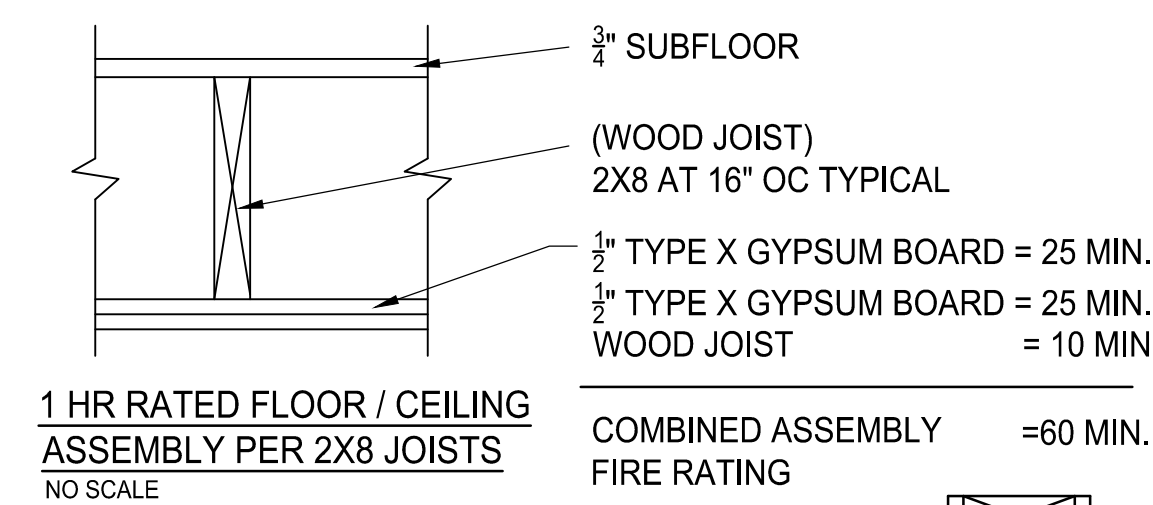
- SMOKE DETECTOR
- EXHAUST FAN
- CARBON MONOXIDE DETECTOR
- GROUND FAULT INTERRUPTER
- HEATED AND COOLED SPACE PER CODE
- WASHER

- DRYER
- STACKABLE WASHER AND DRYER
- FURNACE
- HOT WATER HEATER
- DISHWASHER
- EXISTING DOOR

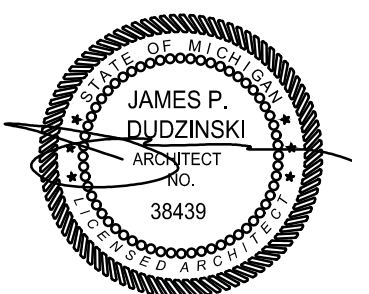
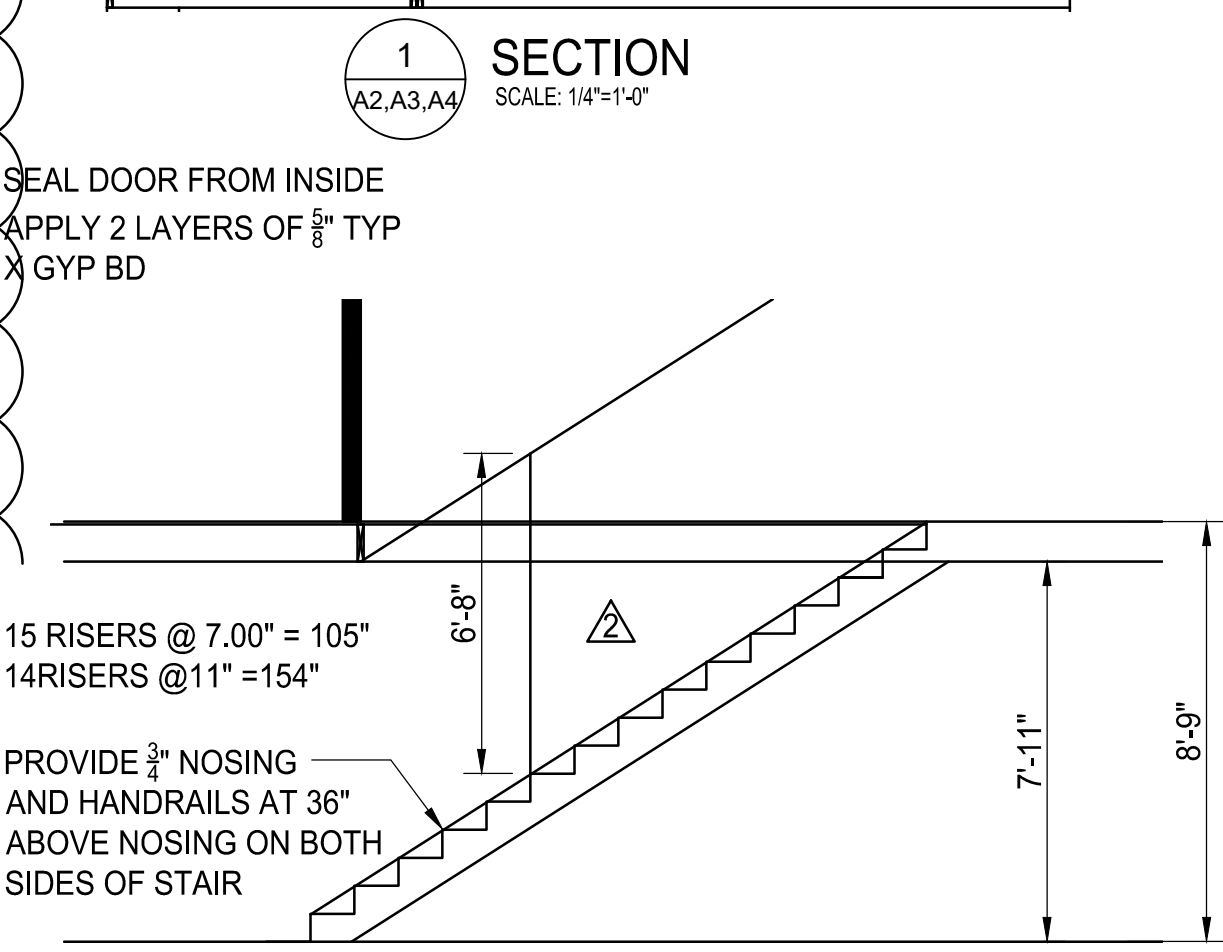
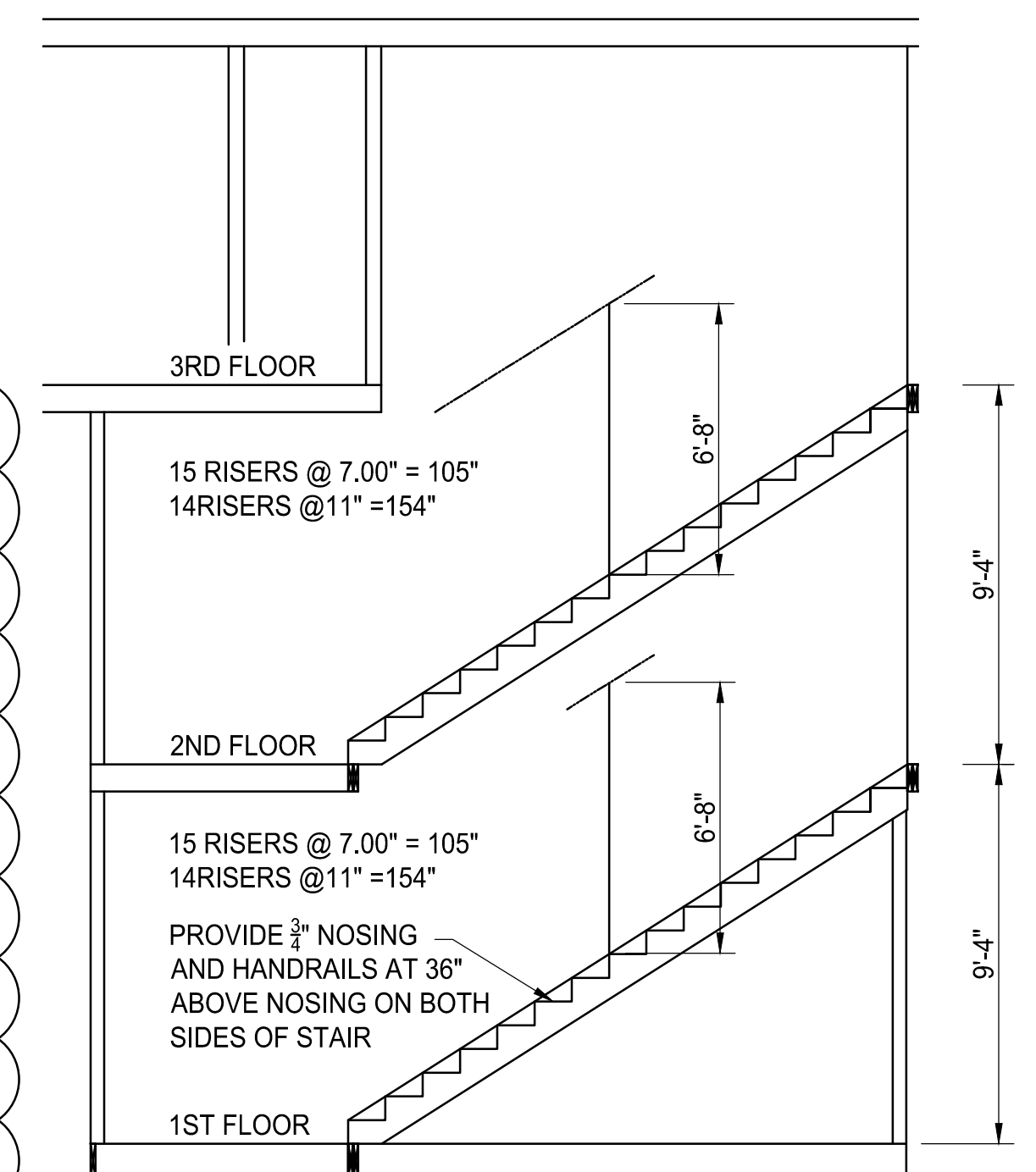
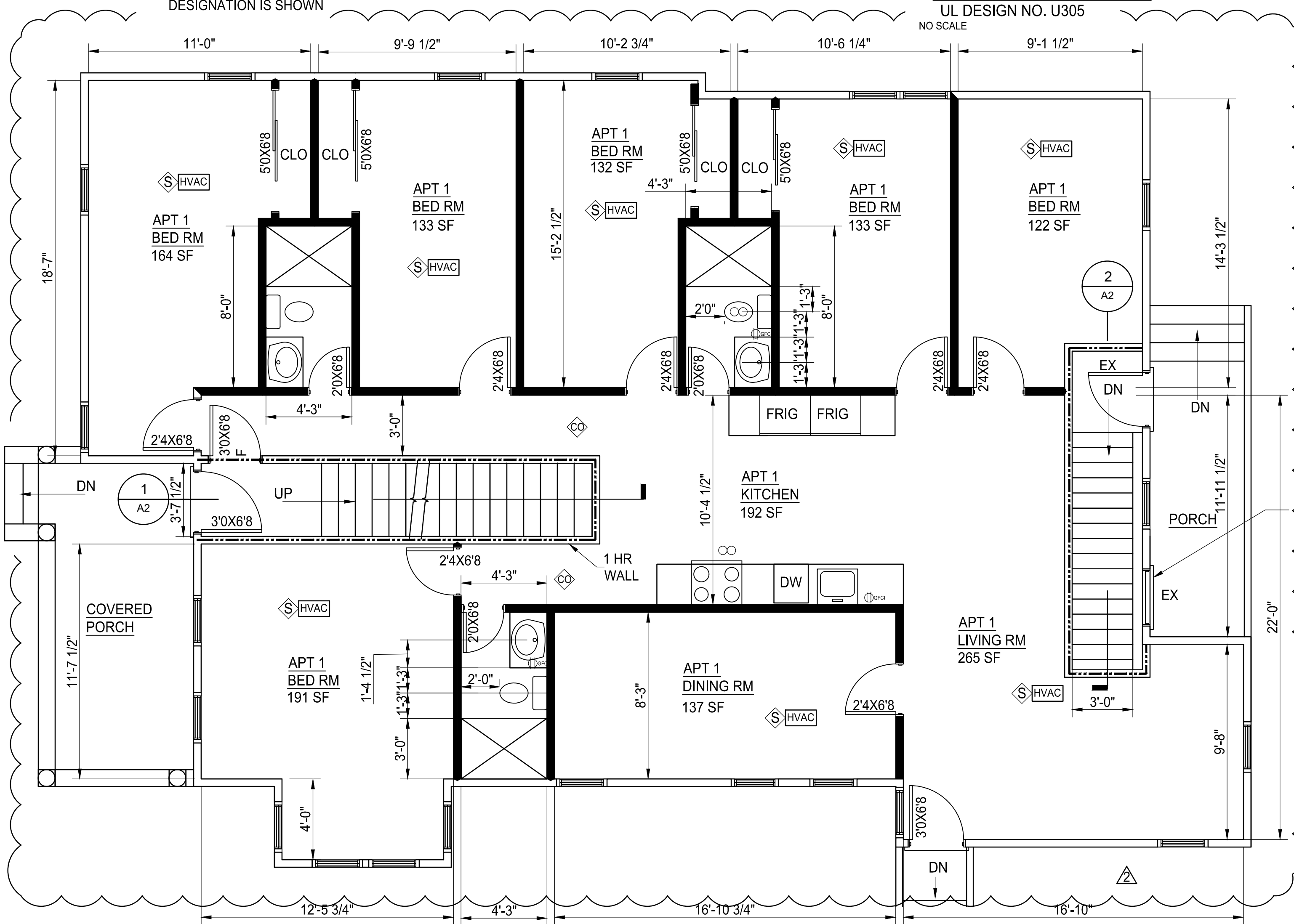
EXISTING FLOOR FRAMING IS COVERED. AT TIME OF CONSTRUCTION ARCHITECT WILL DESIGN FLOOR FRAMING TO ACCOMMODATE NEW STAIR

**FIRE RATED DOOR SYMBOLS**

X'X" X'Y" F: PROVIDE 1 HOUR RATED DOOR WITH CLOSER WHERE THIS DOOR DESIGNATION IS SHOWN



ALL BEDROOMS TO HAVE AN EGRESS WINDOW, SEE SHEET A-1 FOR REQUIREMENTS



	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE: 18X24	SHEET NO. 2 OF 9  A2
	RENOVATION	216 N STATE ST	NEW 1ST FLOOR SCALE: 1/4"=1'-0"	1	10/25/2022	PERMITS					
				2	12/07/2022	REVISION					
				3	12/14/2023	REVISION					

**WALL LEGEND**

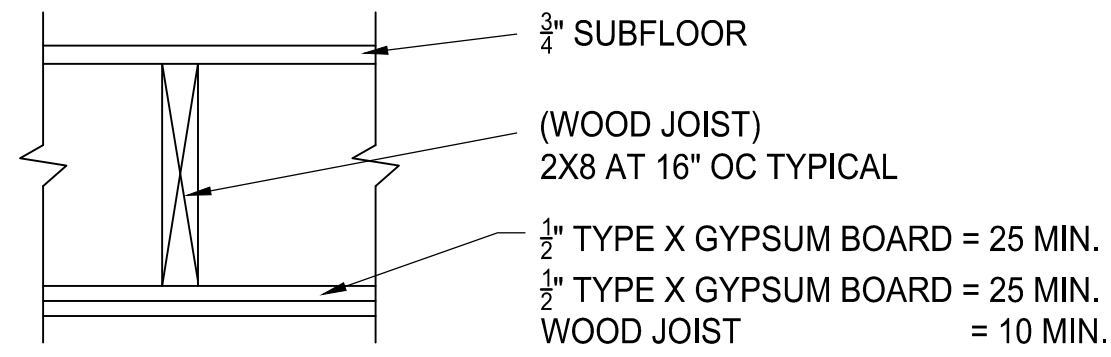
- NEW WALL
- EXISTING WALL
- NEW 1 HOUR FIRE RATED WALL

**SYMBOL LEGEND**

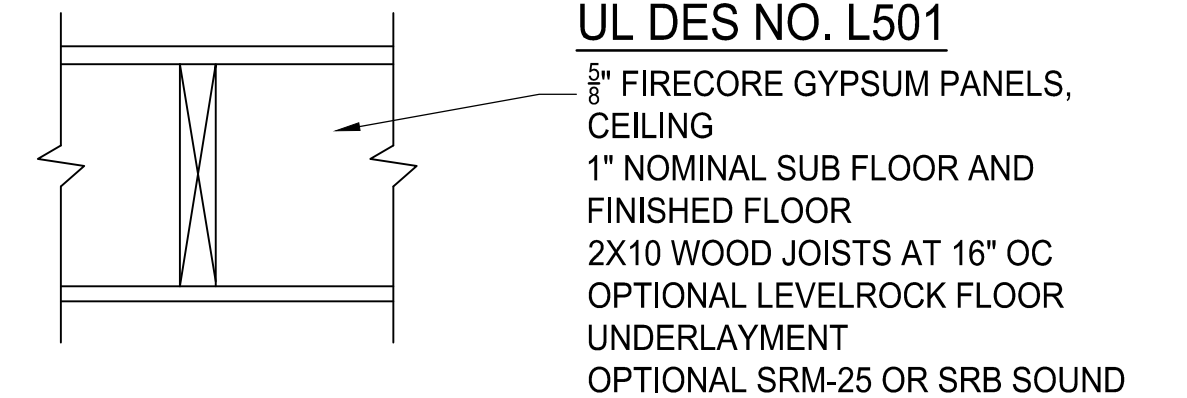
- SMOKE DETECTOR
- EXHAUST FAN
- CARBON MONOXIDE DETECTOR
- GROUND FAULT INTERRUPTER
- HEATED AND COOLED SPACE PER CODE
- WASHER
- DRYER
- STACKABLE WASHER AND DRYER
- FURNACE
- HOT WATER HEATER
- DISHWASHER
- EXISTING DOOR

**FIRE RATED DOOR SYMBOLS**

X'X" X'Y" F: PROVIDE 1 HOUR RATED DOOR WITH CLOSER WHERE THIS DOOR DESIGNATION IS SHOWN



**1 HR RATED FLOOR / CEILING ASSEMBLY PER 2X8 JOISTS**  
NO SCALE



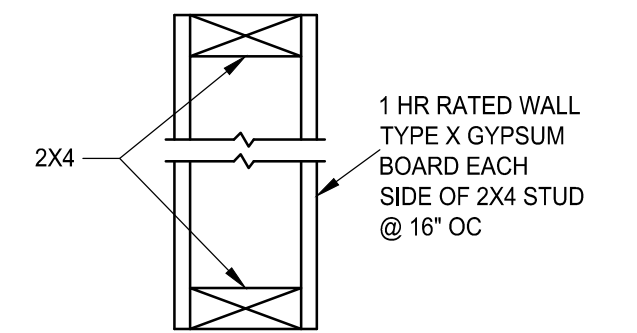
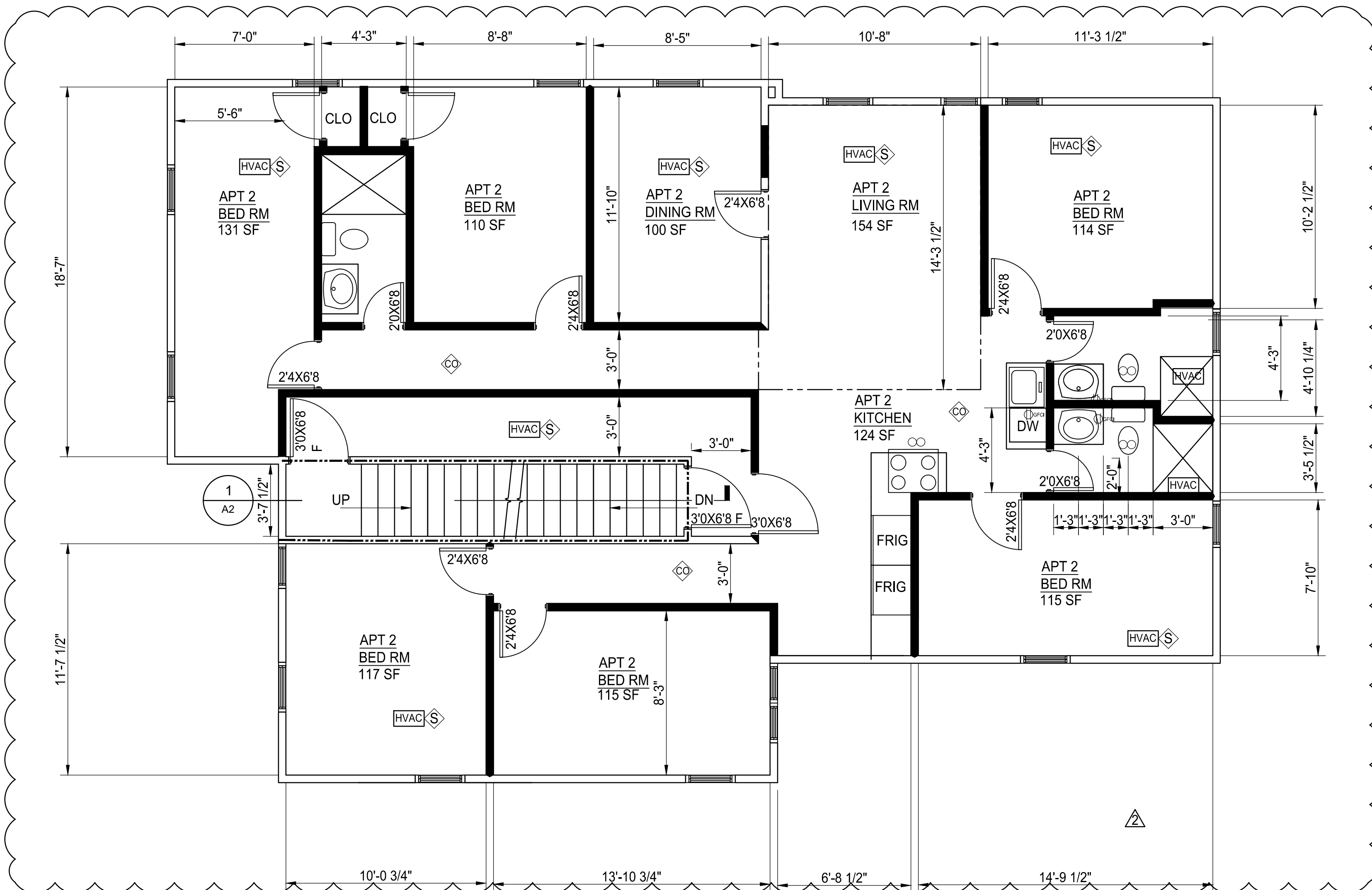
**1 HR RATED FLOOR / CEILING ASSEMBLY PER 2X10 JOISTS**  
NO SCALE

EXISTING FLOOR FRAMING IS COVERED. AT TIME OF CONSTRUCTION ARCHITECT WILL DESIGN FLOOR FRAMING TO ACCOMMODATE NEW STAIR

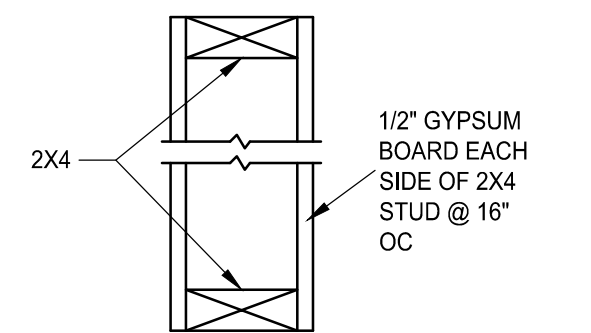
**UL DES NO. L501**

- 5/8" FIRECORE GYPSUM PANELS, CEILING
- 1" NOMINAL SUB FLOOR AND FINISHED FLOOR
- 2X10 WOOD JOISTS AT 16" OC
- OPTIONAL LEVELROCK FLOOR UNDERLAYMENT
- OPTIONAL SRM-25 OR SRB SOUND MAT
- OPTIONAL VENEER PLASTER

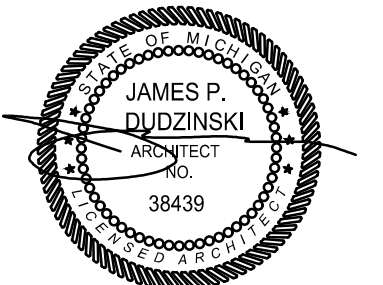
ALL BEDROOMS TO HAVE AN EGRESS WINDOW, SEE SHEET A-1 FOR REQUIREMENTS



**TYPICAL 1 HR RATED WALL**  
UL DESIGN NO. U305  
NO SCALE



**TYPICAL NON RATED WALL**  
NO SCALE



	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE:	SHEET NO:
	REVOCATION	216 N STATE ST	NEW 2ND FLOOR SCALE: 1/4"=1'-0"	1	10/25/2022	PERMITS				18X24	3 OF 9
				2	12/07/2022	REVISION					A3
					12/14/2023	REVISION					

**WALL LEGEND**

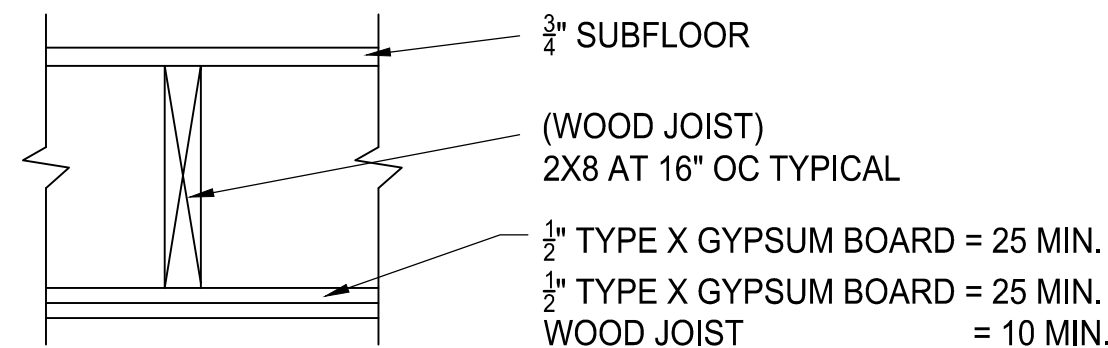
- NEW WALL
- EXISTING WALL
- NEW 1 HOUR FIRE RATED WALL

**SYMBOL LEGEND**

- SMOKE DETECTOR
- EXHAUST FAN
- CARBON MONOXIDE DETECTOR
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- HEATED AND COOLED SPACE PER CODE
- WASHER
- DRYER
- STACKABLE WASHER AND DRYER
- FURNACE
- HOT WATER HEATER
- DISHWASHER
- EXISTING DOOR

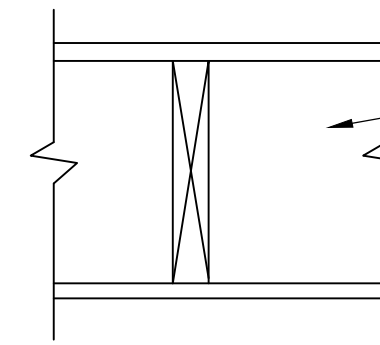
**FIRE RATED DOOR SYMBOLS**

X'X" X Y'Y" F: PROVIDE 1 HOUR RATED DOOR WITH CLOSER WHERE THIS DOOR DESIGNATION IS SHOWN



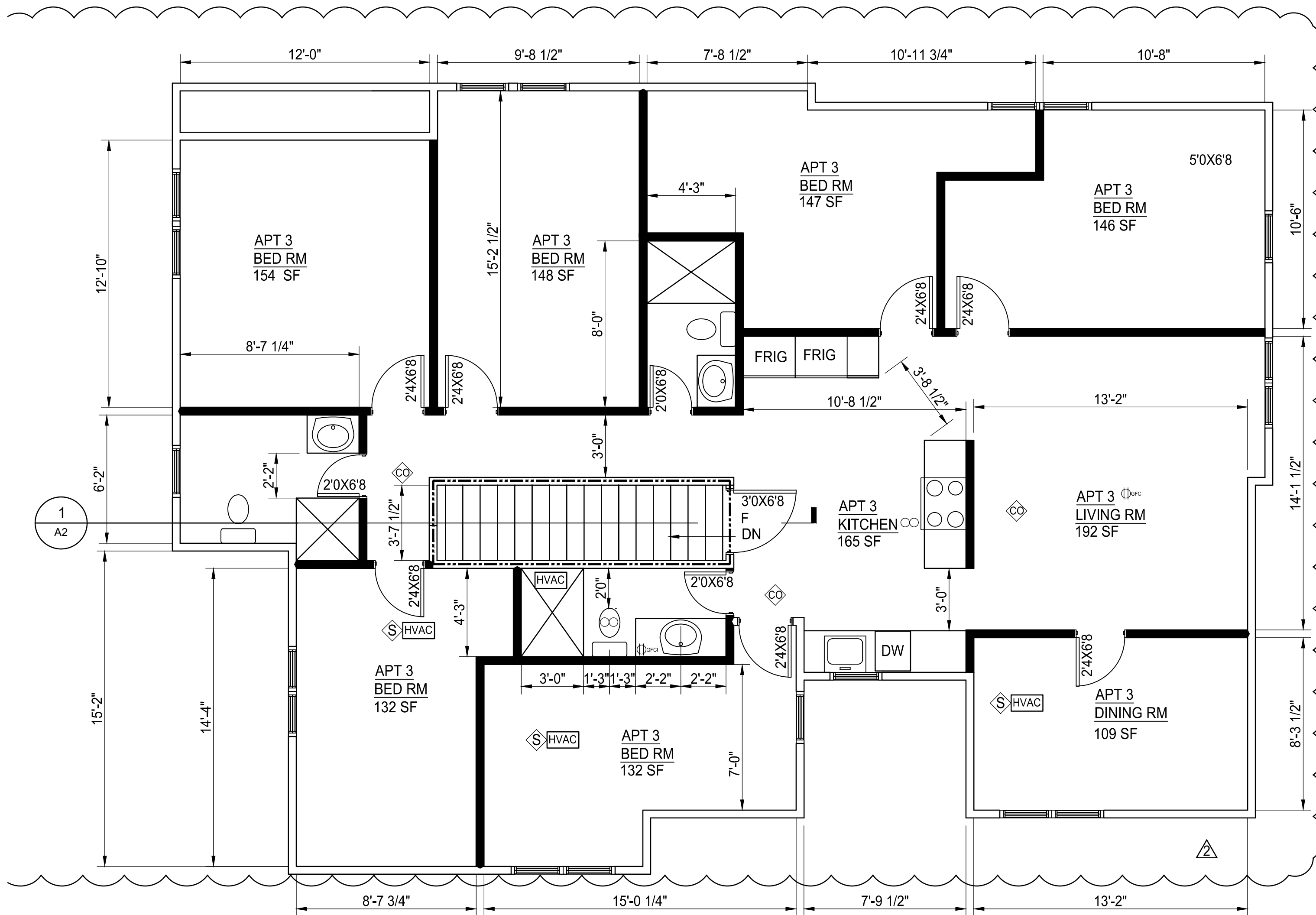
**1 HR RATED FLOOR / CEILING ASSEMBLY PER 2X8 JOISTS**  
NO SCALE

COMBINED ASSEMBLY FIRE RATING =60 MIN.

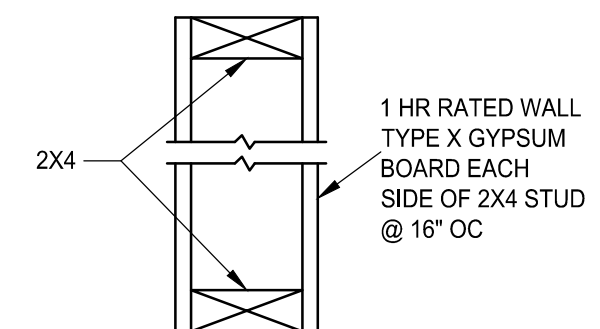


**1 HR RATED FLOOR / CEILING ASSEMBLY PER 2X10 JOISTS**  
NO SCALE

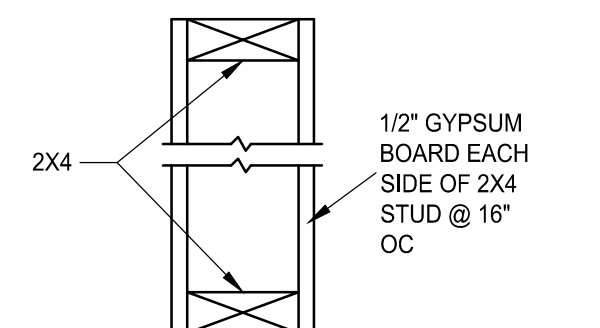
**UL DES NO. L501**  
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1" NOMINAL SUB FLOOR AND FINISHED FLOOR  
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OPTIONAL LEVELROCK FLOOR UNDERLAYMENT  
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ALL BEDROOMS TO HAVE AN EGRESS WINDOW, SEE SHEET A-1 FOR REQUIREMENTS

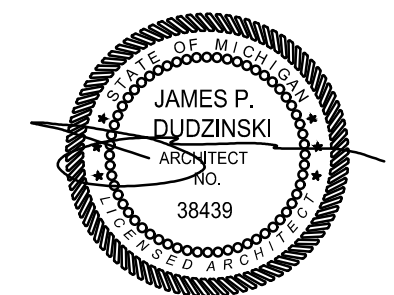


**TYPICAL 1 HR RATED WALL**  
UL DESIGN NO. U305  
NO SCALE

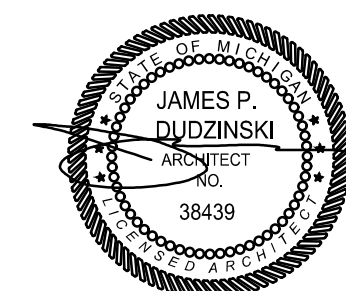
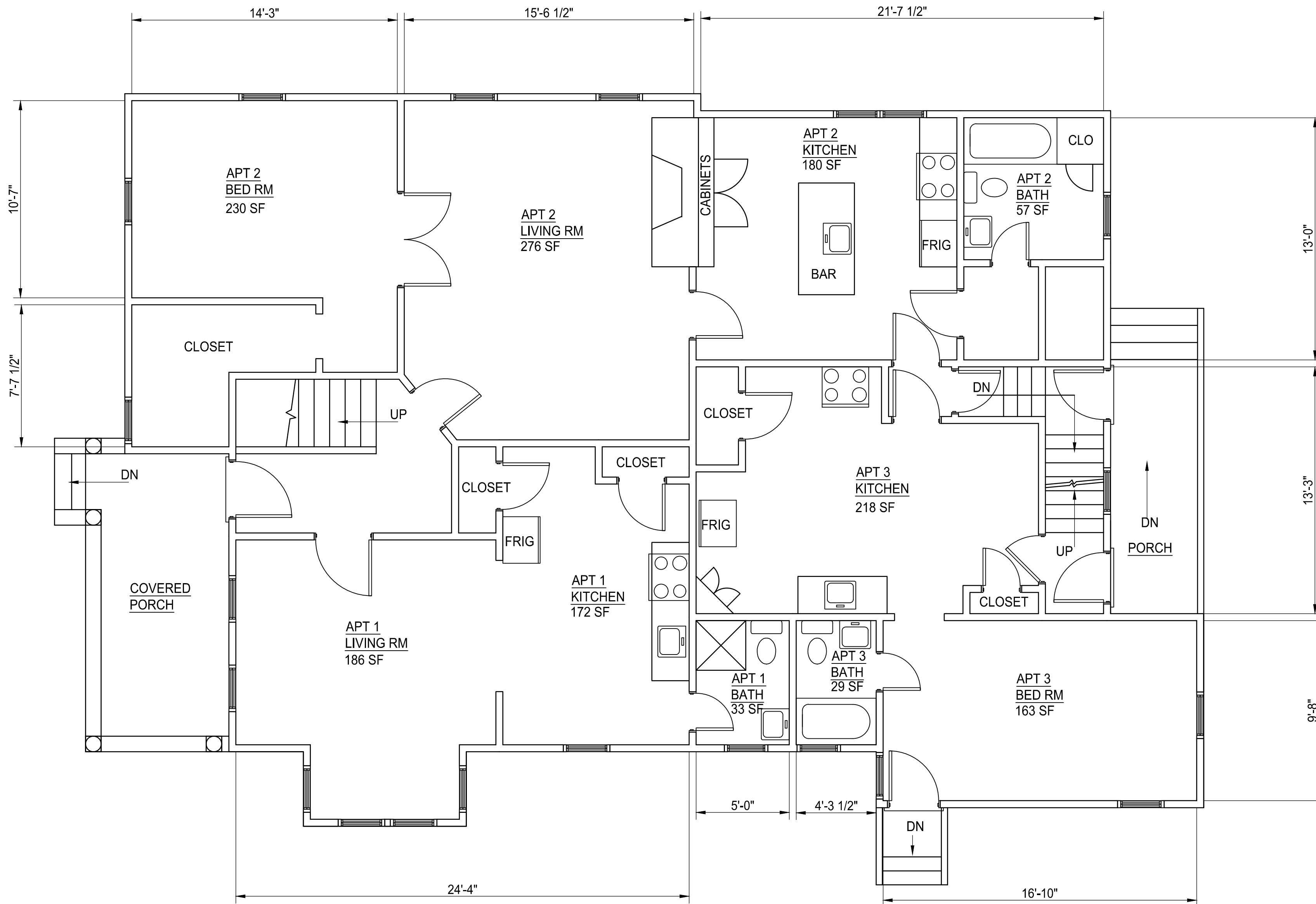


**TYPICAL NON RATED WALL**  
NO SCALE

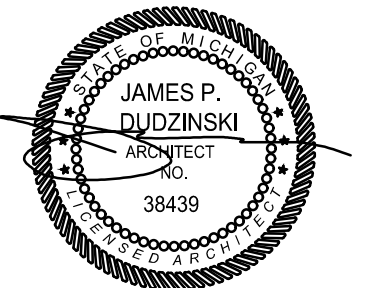
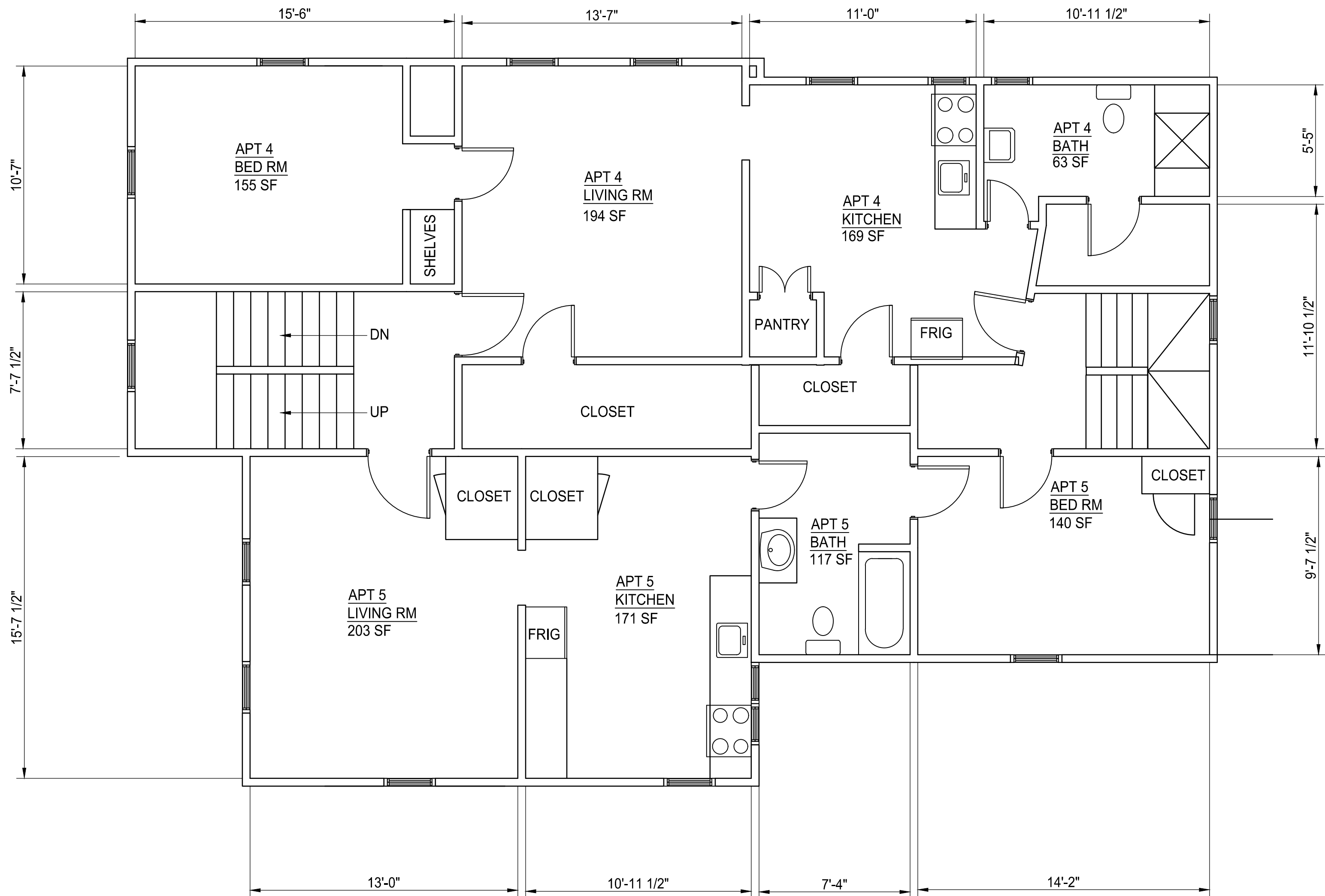
EXISTING FLOOR FRAMING IS COVERED. AT TIME OF CONSTRUCTION ARCHITECT WILL DESIGN FLOOR FRAMING TO ACCOMMODATE NEW STAIR



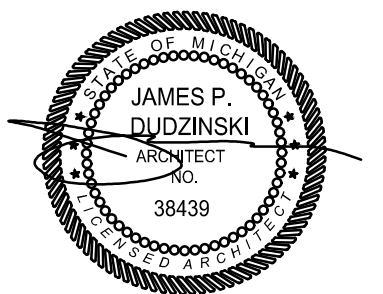
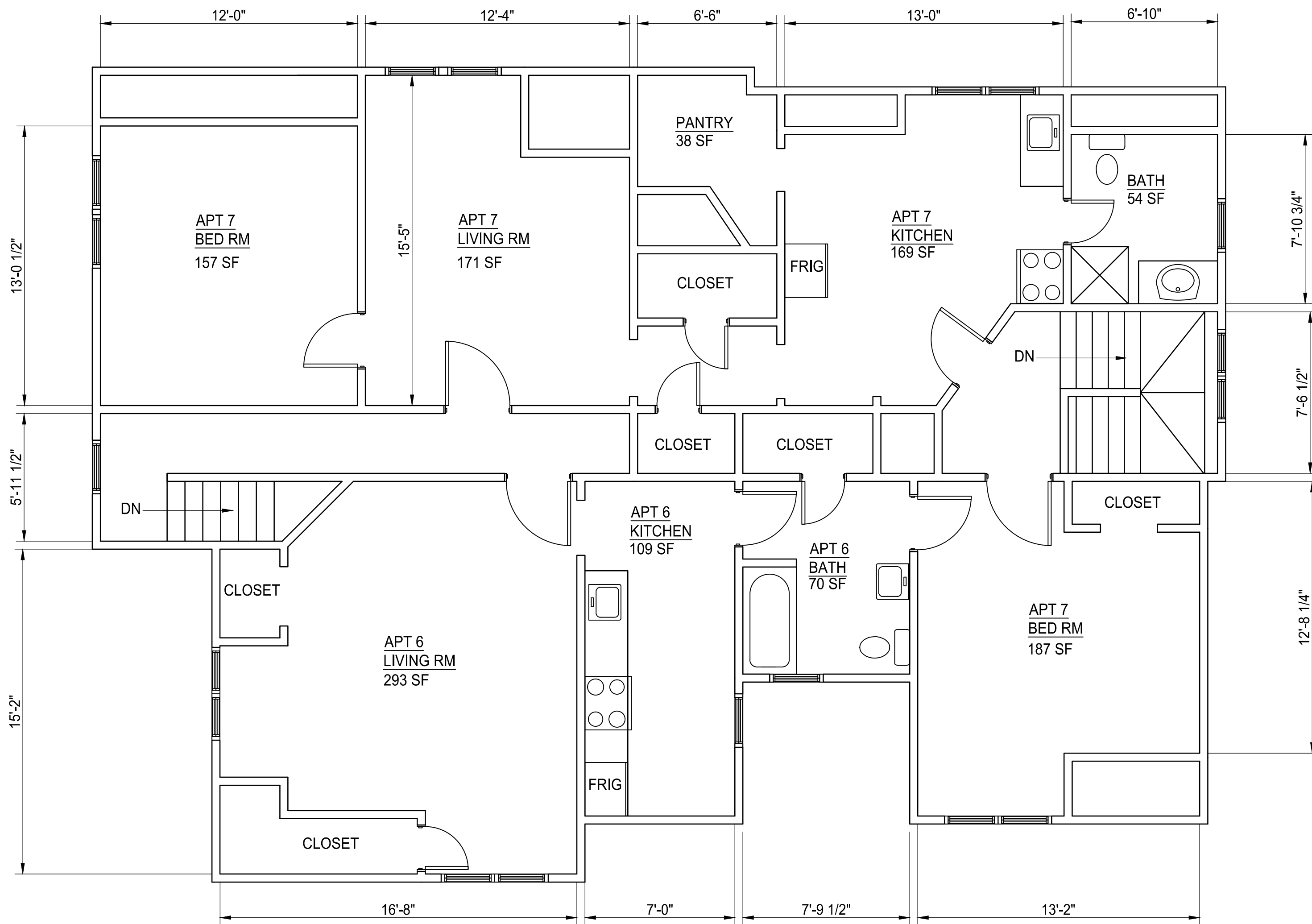




	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE:	SHEET NO:
	REVOCATION	216 N STATE ST	EXISTING 1ST FLOOR SCALE: 1/4"=1'-0"		10/25/2022	PERMITS				18X24	6 OF 9
					12/14/2023	REVISION					A6

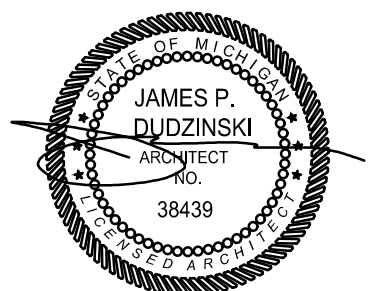
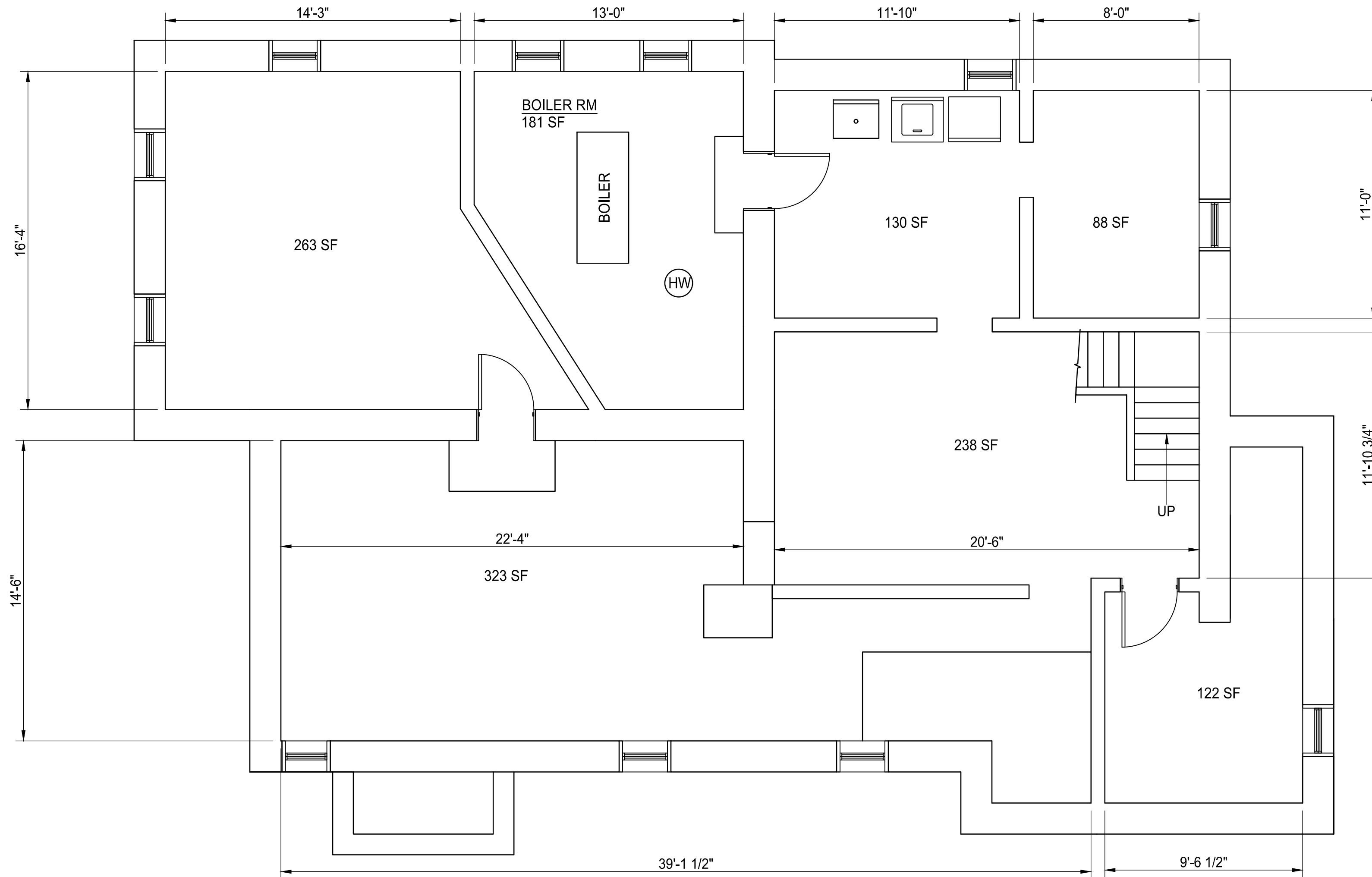


	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE:	SHEET NO:
	REVOCATION	216 N STATE ST	EXISTING 2ND FLOOR SCALE: 1/4"=1'-0"		10/25/2022	PERMITS				18X24	7 OF 9
					12/14/2023	REVISION					A7



	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE: 18X24	SHEET NO: 8 OF 9 A8
	REVOCATION	216 N STATE ST	EXISTING 3RD FLOOR SCALE: 1/4"=1'-0"		10/25/2022	PERMITS					
					12/14/2023	REVISION					





	PROJECT TITLE:	PROJECT LOCATION:	SHEET TITLE:	MARK:	DATE:	ISSUED FOR:	MARK:	DATE:	ISSUED FOR:	SHEET SIZE:	SHEET NO:
	REVOCATION	216 N STATE ST	EXISTING BASEMENT		10/25/2022	PERMITS				18X24	9 OF 9
			SCALE: 1/4"=1'-0"	▲	12/07/2022	REVISION					A9
				▲	12/14/2023	REVISION					