



ATTACHMENT J.
BAXTER FAMILY HOUSING PHASE I – VERTICAL CONSTRUCTION

SCOPE PERMITTING & ENGINEERING, LLC

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April 14, 2025

CIHA Building A
Permit C25-1332

To: Plan Reviewer:

MECHANICAL:

3) M7.0 Provide details for the boiler breeching and combustion air routing, sizes and termination.

RESPONSE: See Detail M9.0. Note added. This type of boiler has flexibility of 100 ft for exhaust and CA. Note added to detail 4. This is well known and not typically drawn as it is in installation guide and contractor has many options to meet installation guide.

4) The basement and first floor floor/ceiling assemblies have a required 1-hour rating. With most I-joists running east-west and some north-south, clarify where the dryer ducts, range hood ducts and other exhaust fan ducts will either penetrate the I-joists or run between them and how the integrity of the rated assemblies will be maintained at the duct penetrations. Also, because the rated walls separating the units do not continue up to the roof sheathing, the ceiling/roof assembly also requires a 1-hour rating.

RESPONSE: Duct work is to be below or depicted in shafts on the Architectural sheets. Architect says he has it covered.

5) M7.0 THRU M7.2 Provide sheet notes to notify the contractor that "All duct penetrations of I-joists must be coordinated with and approved by the structural engineer."

RESPONSE: Note added to sheet M-2.0.

6) M7.1 & M7-2 Clarify the diameter for the Hood-1 exhaust ducts.

RESPONSE: It was shown on each sheet as 4" but I revised the duct to be shown as 6" dia for all units in the middle of sheet M7.1 and M7.2.

7) M7.1 & M7.2 In units A101, A103, & A201 there is neither a 10' separation of the exhaust duct outlets from the kitchen window nor room to place the exhaust outlets at least 3 feet above the kitchen windows.



RESPONSE: Those are fixed windows as far as I know and see in the plans.

8) M7.2 In unit A201 the exhaust outlets will be exhausting under the roof eave and eave vent opening. (IMC 501.3.1.3)

RESPONSE: The note on the plans covers this I revised it slightly.

9) M7.2 The exhaust ducts for unit A203 will need to rise up through the attic insulation in order to get the exhaust outlets at least 3 feet above the operable kitchen window. As such the ducts will need to be insulated.

RESPONSE: Those are fixed windows as far as I know and see in the plans.

PLUMBING:

3) M5.2 The vent riser coming up from the first floor at column lines "D" and "2.4" is missing.

RESPONSE: Vent sheet corrected. See Sheet M5.1, Note added to show where basement vent comes up from basement FD-1's

4) M6.0 The basement hot water circulation piping (HWC) is missing from the plan.

RESPONSE: Fixed the layer issue. Shows up now on Sheet M6.0.

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CIHA Building B
Permit C25-1333

To: Plan Reviewer:

MECHANICAL:

3) M7.0 Provide details for the boiler breeching and combustion air routing, sizes and termination.

RESPONSE: See Detail M9.0. Note added. This type of boiler has flexibility of 100 ft for exhaust and CA. Note added to detail 4. This is well known and not typically drawn as it is in installation guide and contractor has many options to meet installation guide.

4) The basement and first floor floor/ceiling assemblies have a required 1-hour rating. With most I-joists running east-west and some north-south, clarify where the dryer ducts, range hood ducts and other exhaust fan ducts will either penetrate the I-joists or run between them and how the integrity of the rated assemblies will be maintained at the duct penetrations. Also, because the rated walls separating the units do not continue up to the roof sheathing, the ceiling/roof assembly also requires a 1-hour rating.

RESPONSE: Duct work is to be below or depicted in shafts on the Architectural sheets. Architect says he has it covered.

5) M7.0 THRU M7.3 Provide sheet notes to notify the contractor that "All duct penetrations of I-joists must be coordinated with and approved by the structural engineer."

RESPONSE: Note added to sheet M-2.0.

6) M7.1 thru M7-3 Clarify the diameter for the Hood-1 exhaust ducts.

RESPONSE: It was shown on each sheet as 4" but I revised the duct to be shown as 6" dia for all units in the middle of sheet M7.1 and M7.2.

7) M7.1 thru M7.3 In units A101, A103, & A201, A203 & A301 there is neither a 10' separation of the exhaust duct outlets from the kitchen window nor room to place the exhaust outlets at least 3 feet above the kitchen windows.



RESPONSE: Those are fixed windows as far as I know and see in the plans.

8) M7.3 In unit A301 the exhaust outlets will be exhausting under the roof eave and eave vent opening. (IMC 501.3.1.3)

RESPONSE: The note on the plans covers this I revised it slightly.

9) M7.3 The exhaust ducts for unit A303 will need to rise up through the attic insulation in order to get the exhaust outlets at least 3 feet above the operable kitchen window. As such the ducts will need to be insulated.

RESPONSE: Those are fixed windows as far as I know and see in the plans.

10) M3.0 Provide a schedule for Hood-1.

RESPONSE: Schedule added

PLUMBING:

3) M5.2 The vent riser coming up from the first floor at column lines "D" and "2.4" is missing.

RESPONSE: Vent sheet corrected. See Sheet M5.1 and M5.2, Note added to show where basement vent comes up from basement FD-1's and how it goes up

4) M6.0 The basement hot water circulation piping (HWC) is missing from the plan.

RESPONSE: Fixed the layer issue. Shows up now on Sheet M6.0.

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CIHA Building C
Permit C25-1334

To: Plan Reviewer:

MECHANICAL:

3) M7.0 Provide details for the boiler breeching and combustion air routing, sizes and termination.

RESPONSE: See Detail M9.0. Note added. This type of boiler has flexibility of 100 ft for exhaust and CA. Note added to detail 4. This is well known and not typically drawn as it is in installation guide and contractor has many options to meet installation guide.

4) The basement and first floor floor/ceiling assemblies have a required 1-hour rating. With most I-joists running east-west and some north-south, clarify where the dryer ducts, range hood ducts and other exhaust fan ducts will either penetrate the I-joists or run between them and how the integrity of the rated assemblies will be maintained at the duct penetrations. Also, because the rated walls separating the units do not continue up to the roof sheathing, the ceiling/roof assembly also requires a 1-hour rating.

RESPONSE: Duct work is to be below or depicted in shafts on the Architectural sheets. Architect says he has it covered.

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7) M7.1 thru M7.3 In units A101, A103, & A201, A203 & A301 there is neither a 10' separation of the exhaust duct outlets from the kitchen window nor room to place the exhaust outlets at least 3 feet above the kitchen windows.



RESPONSE: Those are fixed windows as far as I know and see in the plans.

8) M7.3 In unit A301 the exhaust outlets will be exhausting under the roof eave and eave vent opening. (IMC 501.3.1.3)

RESPONSE: The note on the plans covers this I revised it slightly.

9) M7.3 The exhaust ducts for unit A303 will need to rise up through the attic insulation in order to get the exhaust outlets at least 3 feet above the operable kitchen window. As such the ducts will need to be insulated.

RESPONSE: Those are fixed windows as far as I know and see in the plans.

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PLUMBING:

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