



**3/2/2023**

**Craine Architecture  
2490 Welton St  
Denver CO 80205**

**Attn: Pete Gozar**

**Re: Adams Avenue & 5<sup>th</sup> Street  
Silverthorne, CO 80497  
Mechanical, Electrical & Plumbing Progress Report #2 – Metering Matrix**

Dear Pete:

As a matter of record, please find the “Metering Matrix” based on the coordination email and discussion with Millender White, Craine Architecture, and MDP that was concluded on February 24th, 2023. It is understood that this report is to be utilized for the Permit Issuance on March 10<sup>th</sup>, 2023 and is the metering strategy for all buildings on the Adams Avenue & 5<sup>th</sup> Street project.

MDP suggests the metering matrix to be reviewed for final approval by the owner. Please see attached matrix on the next page of this document.

If you have any questions regarding the above, please do not hesitate to contact us.

Sincerely,

**MDP ENGINEERING GROUP, P.C.**

A handwritten signature in black ink, appearing to read 'Michael Passas', with a stylized flourish at the end.

Michael Passas, P.E.  
President  
MP/jl

J:\4th Street - Silverthorne\21061.01\4th Street North\Documents\Progress Report\2023-03-02 - Progress Report 2 - Metering Matrix.docx

| 4th Street Metering                      |                          |              |                              |                         |                          |                          |
|--|--------------------------|--------------|------------------------------|-------------------------|--------------------------|--------------------------|
|  | Gas Utility Meter        | Gas Submeter | Domestic Water Utility Meter | Domestic Water Submeter | Electrical Utility Meter | Electrical Submeter      |
| Site Lighting and Power                  | N/A                      | N/A          | N/A                          | N/A                     | NO                       | YES (HOUSE)              |
| Site Irrigation                          | N/A                      | N/A          | N/A                          | YES                     | N/A                      | YES (HOUSE)              |
| Parking Garage & Exhaust Ventilation     | N/A                      | N/A          | NO                           | YES <sup>1</sup>        | NO                       | YES (HOUSE)              |
| Emergency Power                          | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | N/A                      |
| Fire Pit                                 | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | N/A                      |
| Elevators                                | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | YES (HOUSE)              |
| Loading Dock                             | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | N/A                      |
| EV Charging Station                      | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | YES <sup>2</sup> (HOUSE) |
| 1st Floor Common Area                    | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | YES (HOUSE)              |
| 1st Floor Retail/Restaurant <sup>4</sup> | YES <sup>3</sup>         | N/A          | N/A                          | YES <sup>6</sup>        | NO                       | YES (RETAIL)             |
| Pool                                     | N/A                      | N/A          | N/A                          | N/A                     | N/A                      | N/A                      |
| Residential Condos                       | YES <sup>5</sup> (HOUSE) | NO           | NO                           | YES <sup>6</sup>        | NO                       | YES <sup>7</sup> (HOUSE) |
| Corridors                                | YES <sup>5</sup> (HOUSE) | NO           | NO                           | NO                      | NO                       | YES (HOUSE)              |
| Heat Trace / Snow Melt                   | N/A                      | N/A          | N/A                          | N/A                     | NO                       | YES (HOUSE)              |

- 1. Domestic water submeter for hose bibs in garage and trash room (House meter).
- 2. EV panel to be sub-metered with individual circuits and conduits to each charging station. If multiple vehicles are charging at once, the max available load would be distributed evenly with the use of the EV demand managing system.
- 3. Each retail space will be provided with one utility gas meter. Retail spaces at builldings C,D, & E will be provided with a gas stubout off each respective utility meter for future KMAUs.
- 4. Retail spaces to have standalone cooling and heating systems.
- 5. The residential condo fireplaces and corridors will be served by the house utility gas meter. The bill will be distributed equally amongst the homeowners.
- 6. Each building will have one utility water meter. Each residential condo and retail space will have one submeter.
- 7. Each building will have one utility electrical meter. Each residential condo and retail space will have one electrical submeter.

Metering Summary:

**GAS:**  
(1) Utility meter serving the condo fireplaces and the corridors (HOUSE) .The allocation is distributed amongst the homeowners.  
(1) Utility meter per retail space.

**WATER:**  
(1) Utility meter per building.  
(1) Submeter per retail space.  
(1) Submeter per residential condo.  
(1) Submeter for common areas (house).  
(1) Submeter for irrigation.

**ELECTRICAL:**  
(1) Utility meter per building.  
(1) Submeter per retail space.  
(1) Submeter per residential condo.  
(1) Submeter for common areas (house).  
(1) Submeter for elevators.  
(1) Submeter for the EV charging equipment.

Retail Matrix:  
See retail narrative.