



## Project Memorandum

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Date: July 9, 2019  
From: Gary Kuhl, PE

Project: Rapid City Public Library AHU Replacement  
Project No.: 18042

Re: Schematic Design Meeting

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1. **Project Status:** Review Schematic Design, budget and schedule

2. **Proposed Schematic Design:**

a. Rebuild AHU-1 in Place:

- i. Install new access panels for current project and future maintenance;
- ii. Remove existing supply and return fans replacing with modular fan arrays;
- iii. Remove existing fan baffle plates;
- iv. Remove existing chilled and heating water coils, replacing with new coils of similar capacity;
- v. Provide new temperature controls for air handler.

b. Replace Existing AHU-2 with new VAV Air Handling Unit:

- i. Install new roof-mounted VAV AHU with chilled and heating water coils;
- ii. Provide new VAV boxes to serve existing temperature control zones;
- iii. Provide new temperature controls for system;
- iv. Remove and reinstall ceiling in Men's Restroom.

3. **Proposed Schedule:**

Approval of Schematic Design	July 9, 2019
Engineering Design	July 10, 2019 – December 6, 2019
95% Owner Review Meeting	November 15, 2019
Advertisement to Bid	January 4 and January 11, 2020
Plans Available to Bidders	January 6, 2020
Bidding Period	January 7 – 28, 2020 (3 weeks)
Bid Date	January 28, 2020 (Tuesday)
City Council Approval and Award	February 3, 2020
Notice to Proceed	February 17, 2020
Construction	February 17 – June 17, 2020 (4 months)