CAAC Design and Construction Update 3-16-2023
2022 Projects
New Buildings & Additions
Ralston Valley HS
10 Additional Classrooms
EUA - Himmelman
Ralston Valley HS
10 Additional Classrooms
EUA - Himmelman
Efficiency Future Ready
Windy Peak OEL
HCM – Bryan

Permanent Power Scheduled Mid April
Efficiency Future Ready
Windy Peak OEL
HCM – Bryan
Efficiency Future Ready
Mount Evans OEL

HCM – GH Phipps
Efficiency Future Ready
Mount Evans OEL
HCM – GH Phipps
DW LED 2022
Ackerman – CMGC McKinstry

1. Brady
2. Bradford North
3. Bradford South
4. Ute Meadows ES
5. Leawood ES
6. Normandy ES
7. Rooney Ranch ES
8. Creighton MS
9. Moore MS
10. Mandalay MS
11. Deer Creek MS
12. Lawrence
13. Weber ES
14. Meiklejohn
15. West Woods
16. Chatfield HS
17. Dakota Ridge HS
2023 Efficiency Future Ready & DW projects
Efficiency Future Ready
Wheat Ridge HS
Eidos – GTC
Efficiency Future Ready
Wheat Ridge HS
Eidos – GTC
Efficiency Future Ready
Wheat Ridge HS
Eidos – GTC
Blue Heron ES – Efficiency Future Ready
MOA – Crossland
Ken Caryl MS – Efficiency Future Ready
HCM – PG Arnold
Mt Carbon – Efficiency Future Ready
Eidos – Single Track
Summit Ridge MS – Efficiency Future Ready
H&M – GTC

Construction
Kendallvue ES – Efficiency Future Ready
H&M – GTC
Deer Creek MS
Efficiency Future Ready
RB+B – GTC
Mandalay MS
Efficiency Future Ready
RB+B – GTC
Dunstan MS – Efficiency Future Ready
HCM – Single Track
2. Enlarged Entry Plan

1/4″ = 1'-0″

Pennington ES – Efficiency Future Ready
Eidos – Single Track

Construction
Bear Creek K8 – Efficiency Future Ready
MOA – Flintco
Falcon Bluffs MS – Efficiency Future Ready
MOA – Flintco

Construction
Governors Ranch – Efficiency Future Ready
MOA – Flintco
Construction
Van Arsdale ES – Efficiency Future Ready
H+M – O-A-K

Construction
DW Mechanical 2023
Bradford South (RTU’s, Controls), Sobesky (Boilers, Pumps, Controls)
*West Woods ES scope & funding moved back to E&FFR summer 2024

Columbine – CMGC Himmelman
DW Playground 2023
Edgewater ES, Hutchinson ES

Design Concepts – Richdell

Construction
Swanson ES – Efficiency Future Ready
H+M – O-A-K

Construction
Bid 2/15/23
$2,193,000

Budget
$1,715,762

$477,238
Over Budget

(High – LED, MECH, Cabinetry Scope)
Oberon MS – Efficiency Future Ready
Larson Incitti – TBD

Construction
Bid 2/23/23
$3,054,820

Budget
$6,004,094
$2,949,274
Under Budget
Change order approval to BOE 3/9/23 will exceed $53,500 or 10% of the contract.

Change order - $143,693.98
Connections – Efficiency Future Ready
Studiotrope – TBD
Project Information

- **Project Start**: April 29, 2020
- **Total Miles of conduit to be bored**: 114
- **1,090 Permits to date**: 16 remaining
- **Miles Conduit installed**: 108 (95%)
- **Miles Fiber installed**: 63 (37%)
- **North Backbone transitioning to Jeffco Ownership**
- **South Backbone turnover**: Jul 2023
Meyers Pool
City of Arvada / Jeffco / Apex
OLC Designs – Saunders CMGC
Meyers Pool
City of Arvada / Jeffco / Apex
OLC Designs – Saunders CMGC
2024
Bond Projects
<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Construction Budget</th>
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<tbody>
<tr>
<td>West Lakewood</td>
<td>New School Morrison</td>
<td>$22,402,800.00</td>
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<tr>
<td>Leyden Rock</td>
<td>New School Golden</td>
<td>$21,336,000.00</td>
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<tr>
<td>Fairmount</td>
<td>Efficiency &amp; Future Ready (Roofing, Flooring, Playground Complete) (HVAC Design Complete)</td>
<td>$1,292,181.00</td>
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<tr>
<td>McLain High School</td>
<td>Efficiency &amp; Future Ready</td>
<td>$605,816.00</td>
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<tr>
<td>Rooney Ranch</td>
<td>Efficiency &amp; Future Ready (Flooring, LED Complete)</td>
<td>$141,623.00</td>
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<tr>
<td>Bradford North</td>
<td>Efficiency &amp; Future Ready (Flooring, Paving, LED Complete)</td>
<td>$226,594.00</td>
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<tr>
<td>Bradford South</td>
<td>Efficiency &amp; Future Ready (Flooring, HVAC, LED Complete)</td>
<td>$169,351.00</td>
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<tr>
<td>Leawood</td>
<td>Efficiency &amp; Future Ready (Led Complete)</td>
<td>$684,210.00</td>
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<td>Normandy</td>
<td>Efficiency &amp; Future Ready (Playground LED Complete)</td>
<td>$1,044,213.00</td>
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<td>Coal Creek K8</td>
<td>Efficiency &amp; Future Ready</td>
<td>$788,966.00</td>
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<td>Moore MS</td>
<td>Late Summer Bid Efficiency &amp; Future Ready</td>
<td>$925,804.00</td>
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<td>Warren Tech Central</td>
<td>Efficiency &amp; Future Ready -</td>
<td>$2,492,054.00</td>
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<tr>
<td>Meiklejohn</td>
<td>Efficiency &amp; Future Ready (LED Complete)</td>
<td>$200,705.00</td>
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<td>West Woods</td>
<td>Efficiency &amp; Future Ready (flooring LED Complete) HVAC design 99% complete)</td>
<td>$2,672,666.00</td>
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<td>Drake Middle</td>
<td>Efficiency &amp; Future Ready</td>
<td>$658,174.00</td>
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<td>Free Horizon</td>
<td>Efficiency &amp; Future Ready (Secure Entry Remains)</td>
<td>$175,000.00</td>
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2023 Policy Projects

Capital Investments for Thriving Schools - BOE Jun 08, 2022
Healthy & Equitable Start Times - BOE Mar 03, 2022
Regional Opportunities for Thriving Schools – BOE Nov 10, 2022
Program Verification & Feasibility Study – DLR Group
Fletcher Miller Special School

BOE Jun 08, 2022 - Special Meeting-Study/Dialogue Session
Capital Investments for Thriving Schools

Programming

Building Program Summary

Test fits will be based upon a 77,014 SF program composed of small learning communities (suites of spaces including classrooms and other flexible learning spaces) for each cohort. This space program is based upon an enrollment of 1,000 students, with capacity to flex up to 1,150 if future staffing supports an increased enrollment. The spaces outlined for the future Fletcher Miller School are sized to accommodate adequate space for collaborative learning, specialized instruction, family and community connections, and specialized storage requirements. Additionally, to support the mobility requirements of this campus, spaces and grouping factors have been sized to either meet or exceed federally mandated American with Disabilities Act (ADA) required clearances.

Throughout each of the DAG meetings, the importance of indoor play space was discussed. These areas may be built into the presented program in a number of ways including within the dining/collaboration spaces within each of the learning communities. Therefore, it has not been included as additional square footage within the program.

Reduced to 66,244 Square Feet

Study Complete 11/11/22

PROGRAM SUMMARY

<table>
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<tr>
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<th>SF</th>
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<tr>
<td>Admin Area:</td>
<td>3,960</td>
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<tr>
<td>Pre-K Learning:</td>
<td>4,925</td>
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<tr>
<td>K-12 Learning:</td>
<td>13,590</td>
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<td>Lighthouse Learning:</td>
<td>5,070</td>
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<td>Jeffco Transition:</td>
<td>3,370</td>
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<td>Vocational:</td>
<td>1,600</td>
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<td>Library/Media:</td>
<td>3,300</td>
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<td>Food Service:</td>
<td>1,260</td>
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<td>Art/Music/P.E.:</td>
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<td>Clinic:</td>
<td>1,190</td>
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<td>Therapeutic:</td>
<td>5,930</td>
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<td>Bldg. Support:</td>
<td>2,960</td>
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<td><strong>TOTAL BUILDING AREA</strong></td>
<td><strong>77,014</strong></td>
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Program Verification & Feasibility Study – DLR Group

Fletcher Miller Special School

BOE Jun 08, 2022 - Special Meeting-Study/Dialogue Session Capital Investments for Thriving Schools

Combination of reduced Square Footage and Cost/SF utilizing Jeffco Historical Cost/SF data:

Scenario 1 (NEW Build) Updated Construction Estimate: $28M - $32M

Scenario 2 (Addition) Updated Construction Estimate: $23M – $27M

Scenario 3 (Relocation) Updated Construction Estimate: $19M - $25M

March 1, 2023 Update to the Board of Education
Prospect Valley ES (8CR Addition) MOA & Phipps CMGC

GH Phipps to remain the contractor for the new scope.

37 Week Design & Construction Schedule

Effective July 1, 2023, Kullerstrand Elementary School will close and combine its existing attendance area with that of Prospect Valley Elementary School.
School Closings & Consolidations
Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools
Thursday, November 10, 2022

37 Week Design & Construction Schedule

Stober ES (5CR Addition + Kitchen) LOA & CMGC GTC

Effective July 1, 2023, New Classical Academy at Vivian will close and combine its existing attendance area with that of Stober Elementary School;

Construction

IGMP
$5,422,602
Start 3/20/23
School Closings & Consolidations
Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools
Thursday, November 10, 2022

A. Effective July 1, 2023, Emory Elementary School will close and combine its existing attendance area with that of Lasley Elementary School;
Alameda: Emory → Lasley (Emory Center Program → Rose Stein)

37 Week Design & Construction Schedule

Stein ES
(Elevator/Stair Addition)
HCM & CMGC Himmelman

Construction
GMP
$1,713,656
School Closings & Consolidations
Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools
Thursday, November 10, 2022

Kitchen Improvements

Kendallvue ES
H&M GC GTC

Bid w/ E&FR

Receiving Schools Upgrades & Kitchen Improvements

Fremont ES
(Wilmore Davis Re-design)

Lukas ES
Eidos - CMGC Mark Young

Construction

Kendallvue
Bid
$187,200

Fremont
GMP
$304,571

Lukas
GMP
$936,665
School Closings & Consolidations
Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools Thursday, November 10, 2022

Campbell (ELC) Eidos & Palace CMGC

Arvada West: Campbell = ECE Center 2023-24*

Identify preschool options based on an articulated strategy for district-wide preschool as part of students’ PK-12 educational experience;

3/9/23 BOE Agenda
4/12/23 BOE Agenda
School Closings & Consolidations
Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools Thursday, November 10, 2022

DW – Receiving Schools Upgrades Bundle #1
A/E RB+B – CMGC HPM

Foothills, Vanderhoof, Green Gables, Hutchinson, Maple Grove, Powderhorn, Ryan, Secrest, Semper, Slater, Slater Back on 2/6, Fremont, Wheat Ridge, Standley Lake, Adams, Meiklejohn

3/9/23 BOE Agenda
4/12/23 BOE Agenda

9 Week Construction Schedule
Identify preschool options based on an articulated strategy for district-wide preschool as part of students’ PK-12 educational experience;

IGMP 3/3/23
$5,342,148
School Closings & Consolidations

Resolution: Board of Education Decision on Staff Recommendation Regional Opportunities for Thriving Schools
Thursday, November 10, 2022

9 Week Construction Schedule

Estimate
Weber
$975,536
Sierra
$792,422

DW – Receiving Schools Upgrades Bundle #2
A/E MOA – CMGC Saunders

Sierra, Weber

Identify preschool options based on an articulated strategy for district-wide preschool as part of students’ PK-12 educational experience;

4/12/23 BOE Agenda
High School Athletic Field Lighting
Phase I - Fall 2023 (with NTP 2/9)

Engineer Ackerman – CMGC Himmelman

Address challenges related to athletics and activities.

Alameda International High School
Arvada High School
Arvada West High School
Bear Creek High School
Chatfield High School
Columbine High School
Dakota Ridge Senior High School
D’Evelyn Junior/Senior High School
Golden High School
Green Mountain High School
Jefferson High School
Lakewood High School
Pomona High School
Ralston Valley Senior High School
Standley Lake High School
Wheat Ridge High School

4/12/23 BOE Agenda
Effective July 1, 2024, Bergen Meadow K-2 will close and the grade configuration of Bergen Valley will be converted to a PK-5.
2023 Miscellaneous Projects
DW FA Upgrades (Voice Evac) D’Evelyn & Pomona TLH Fire – Weifield Group

Bid 12/13/22
$1,178,353

Estimate
$1,721,000

Below Estimate
$542,647

Project Cancelled
Turf Field Replacement
Wheat Ridge HS
Eidos – GTC

Construction

Change order approval to
BOE 3/9/23
will exceed $68,817 or 10% of
the contract.

Change order - $393,062
larger play surface
Construction
GMP  $1,082,796
Estimate  $800,000
$282,796 over estimate
DW Exterior Lighting 2023

Ackerman – GC TBD

- Replace Direct Burial electrical lines at the 6th & Kipling Stadium Lighting
- Replace the existing Mercury Vapor lights at Trailblazer Stadium with LED
- Replace parking lot lighting with LED and add exterior security cameras at the Ed Center
DW Carbon Monoxide Notification

7 Schools – Required by South Metro Fire District

Coronado, Blue Heron, Leawood, Normandy, Dutch Creek, Stony Creek, Columbine Hills

TLH Fire – TBD
Stride Clinic @ Alameda International Jr/Sr High

Jordin – TBD
Security Office Renovation
809 Quail – Building 1

HCM – CMGC WE O’Neal
Shadow Mountain Diversion

WW Wheeler – GC TBD
Next Meeting 4/20/23