JEFFCO PUBLIC SCHOOLS

CAAC Design and Construction Update

4-17-25

Tim Reed
Executive Director of Facilities & Construction Management

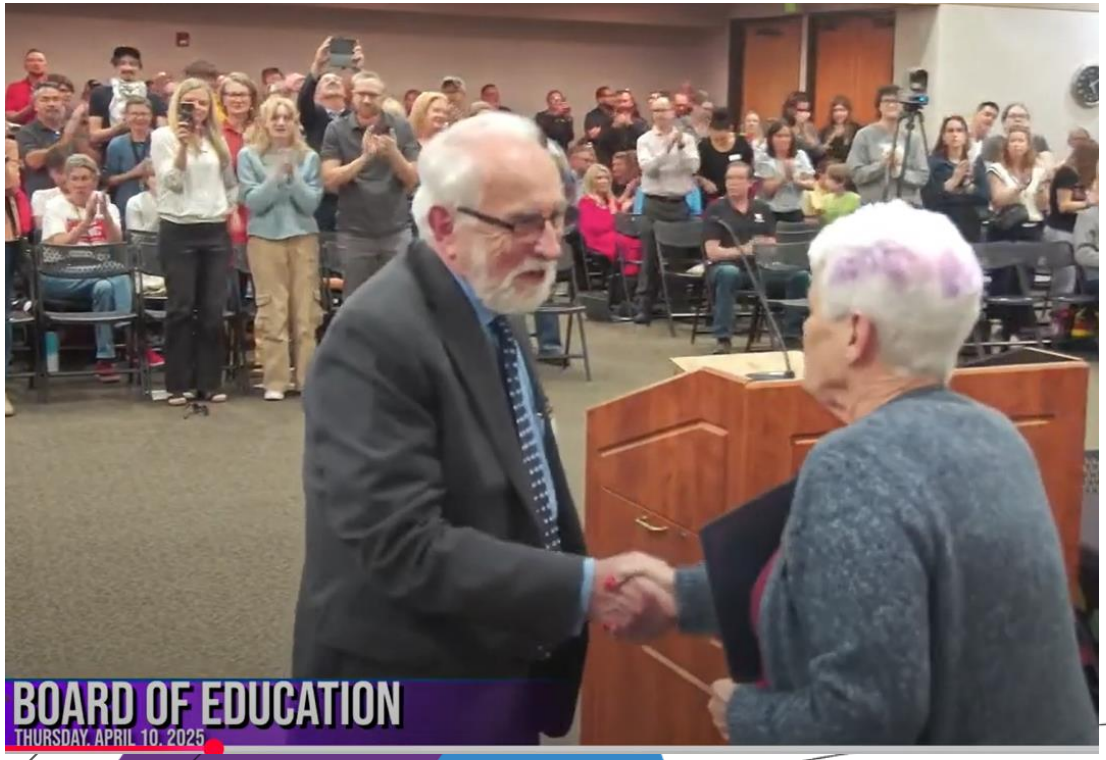
RETIREMENT

Agenda Item Details

Meeting	Apr 10, 2025 - Regular Meeting
Category	Honors, Recognition, and School Reports 5:05 p.m.
Subject	Our People: Our Strength - Tim Reed, Providing Outstanding Service to Jeffco Facilities
Type	Recognition

estimated time: 5:10 p.m.(estimated duration: 5 minutes)

The Board of Education is pleased to recognize Tim Reed, Executive Director of Facilities & Construction Management for providing outstanding service to our Jeffco Facilities.



Priority 2: Our People. Our Strength.

JEFFCO PUBLIC SCHOOLS

Ed Huszcza – Senior Project Manager - RETIREMENT

Managed over $140 million of Jeffco Construction Projects

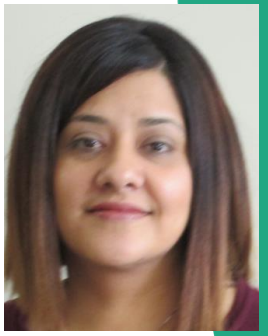
Priority 2: Our People. Our Strength.

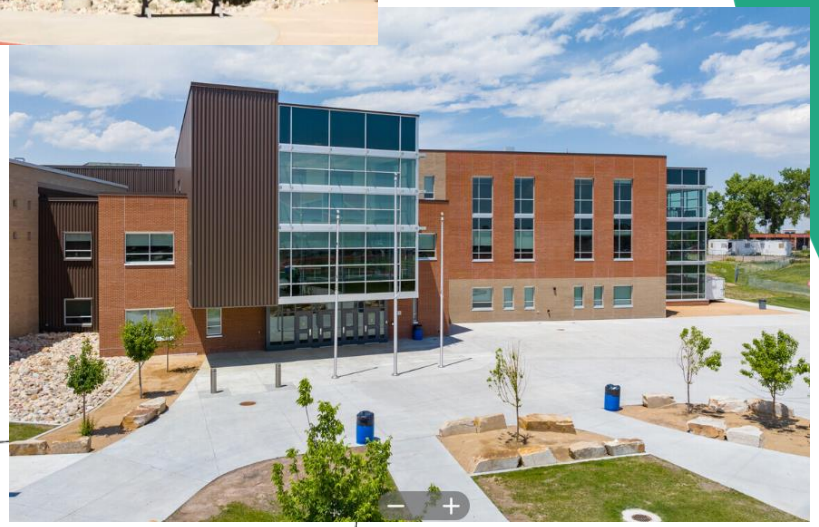
JEFFCO PUBLIC SCHOOLS

Danelle Berzoza - Senior Project Manager - PROMOTION

Managed over $150 million of Jeffco Construction Projects - To Date

Priority 2: Our People. Our Strength.





Chatfield HS – Secure Entry
MOA - Mark Young Construction

COMPLETE

JEFFCO PUBLIC SCHOOLS

West Woods – Roof Top Unit Replacement Equipment Failure

COMPLETE

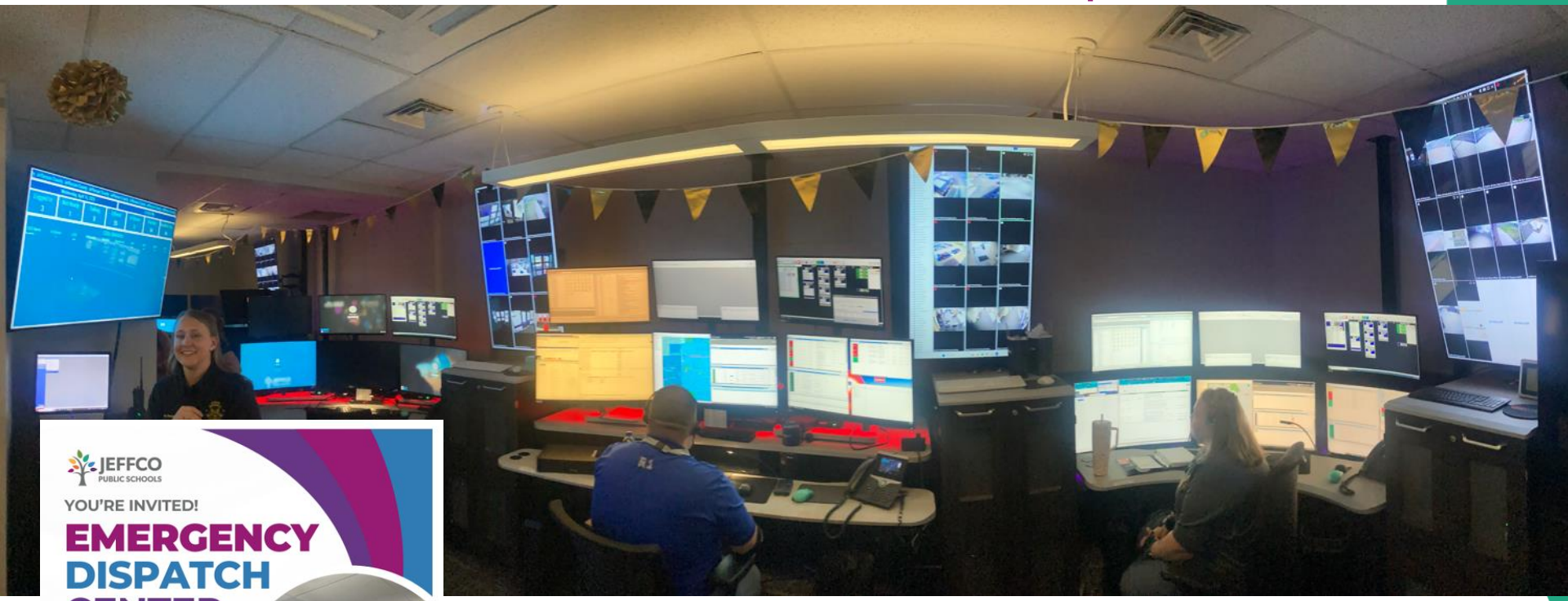
Columbine Engineering
US Engineering / Jeffco Maintenance Shops

JEFFCO PUBLIC SCHOOLS

809 Quail Building #1
Emergency Dispatch Center

COMPLETE

Columbine Engineering
Smart Homes / Jeffco Maintenance Shops

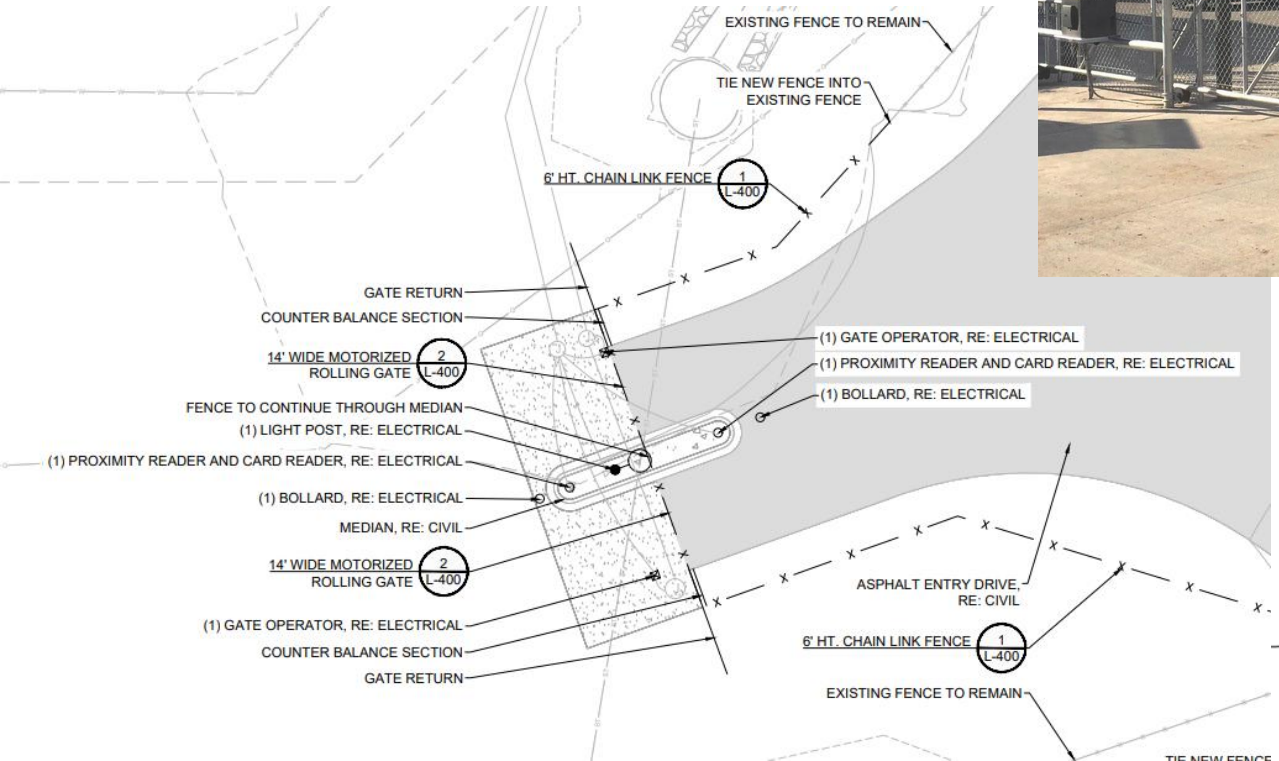


JEFFCO
PUBLIC SCHOOLS

Landscape Yard - Warren Tech
Security Gate / Camera

Construction

Ackerman Engineering
Single Track / Jeffco Grounds & Maintenance Shops



JEFFCO PUBLIC SCHOOLS

Fletcher Miller Special School
New Facility @ Current Site
MOA – Crossland

Construction

JEFFCO PUBLIC SCHOOLS

Fletcher Miller Special School
New Facility @ Current Site
MOA – Crossland

Construction

JEFFCO PUBLIC SCHOOLS

Fletcher Miller Special School
New Facility @ Current Site
MOA – Crossland

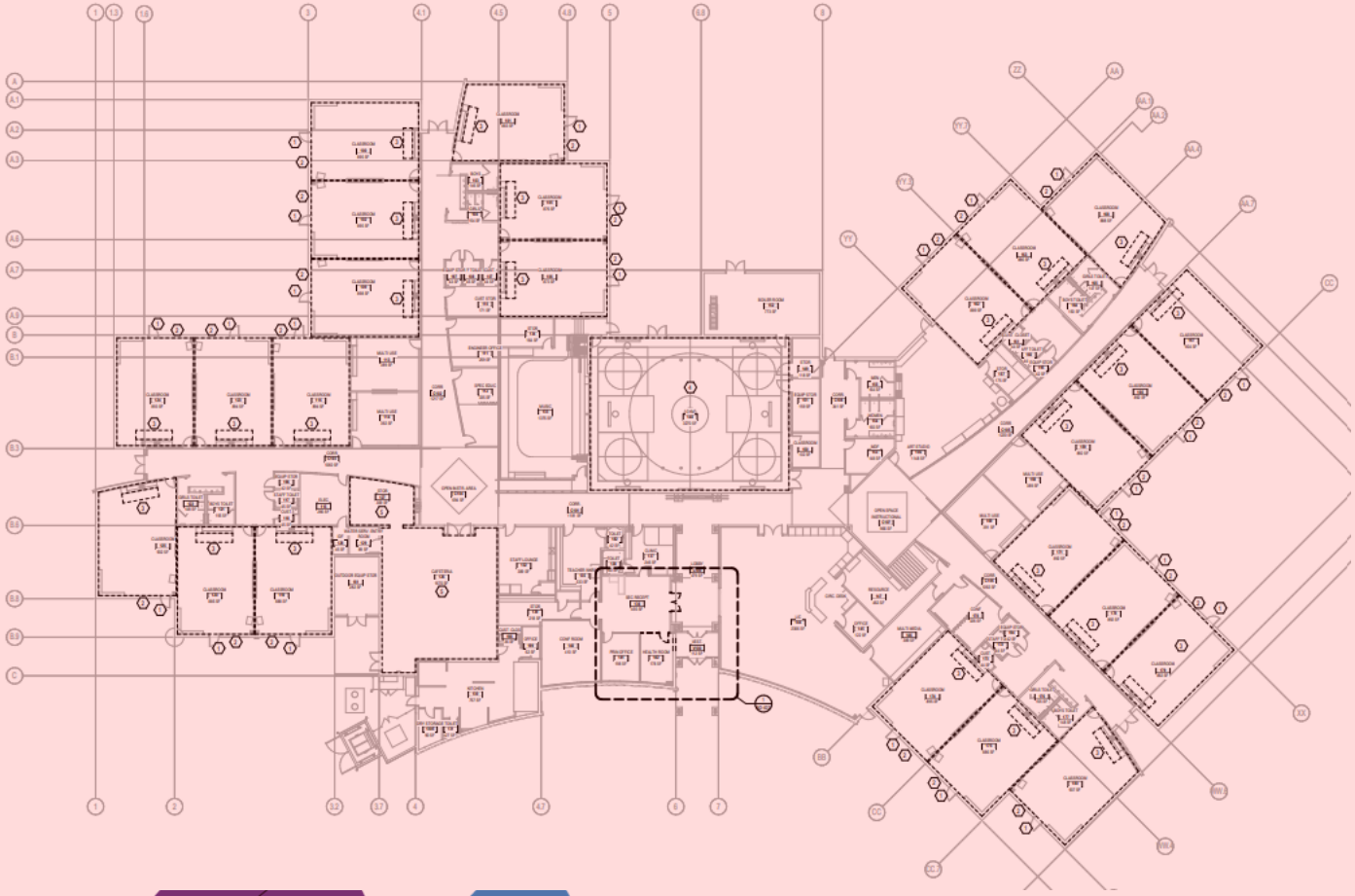
Fletcher Miller Special School
New Facility @ Current Site
MOA – Crossland

Construction

Blue Heron ES – Fire Alarm Upgrade

Construction

TLH – Odin Electric



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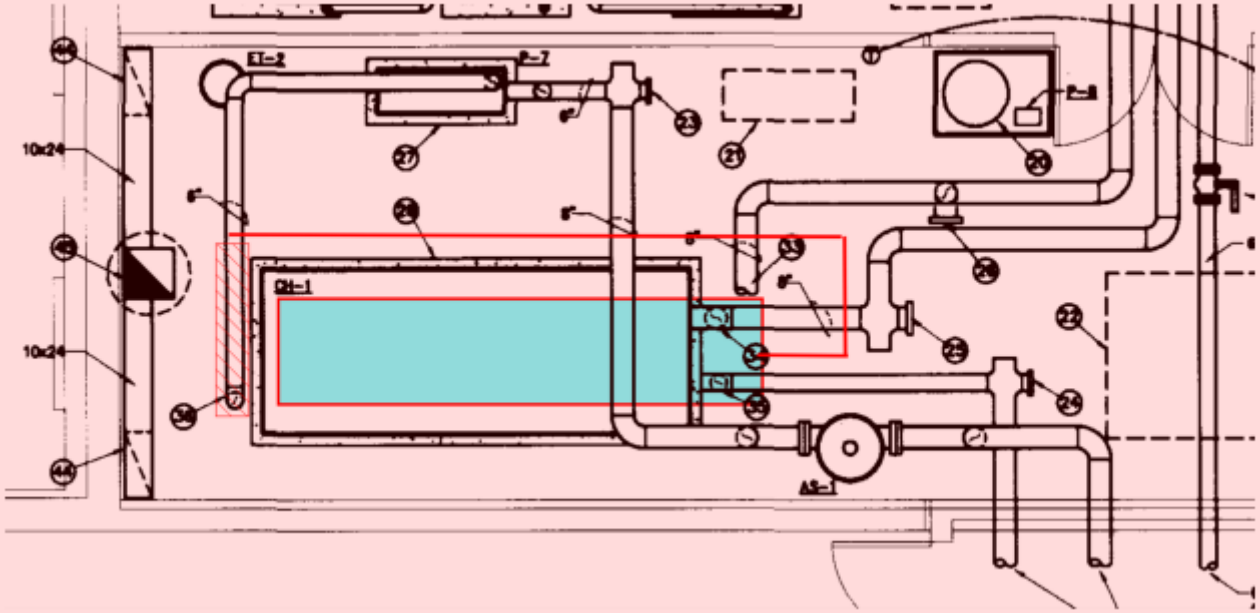
Dakota Ridge HS – Chiller arrives 5/10

Construction

Columbine – US Engineering



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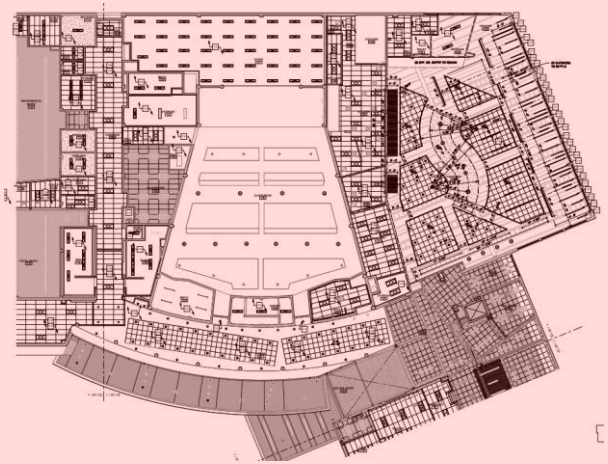
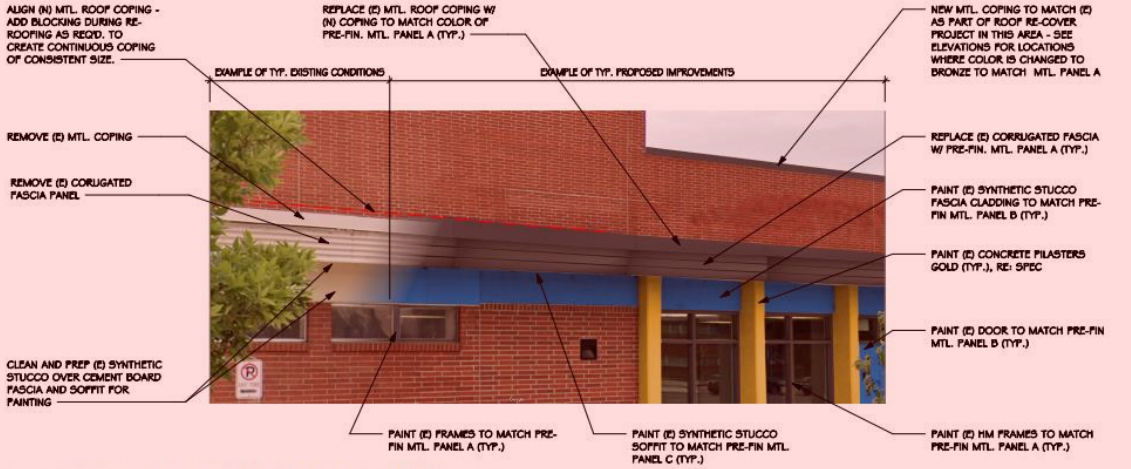
Wheat Ridge HS Phase II

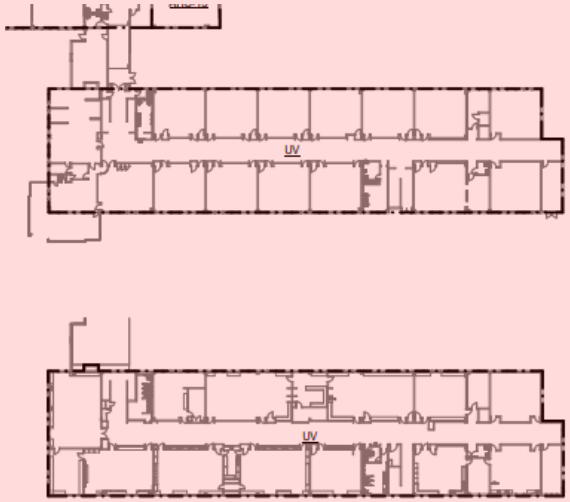
Construction

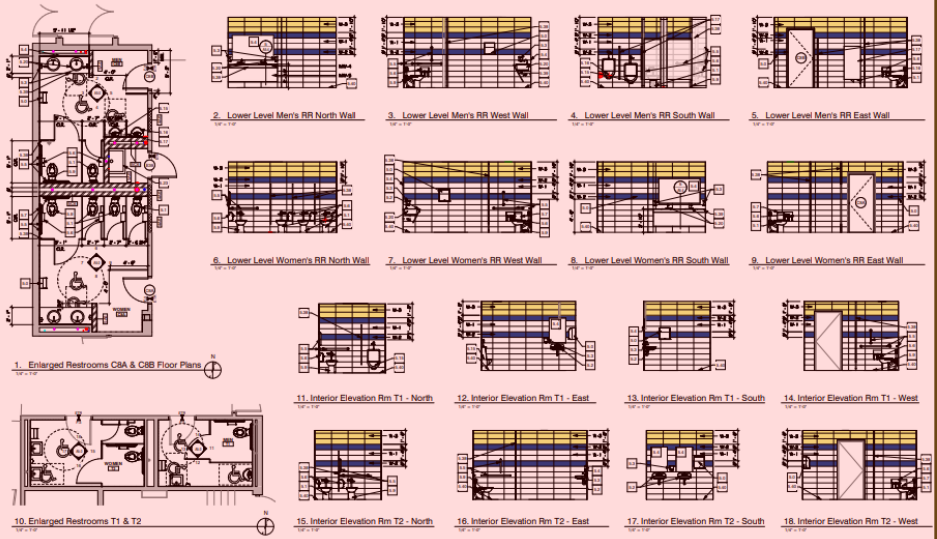
Eidos – GTC





5. Exterior Improvements Photo - Existing / Proposed

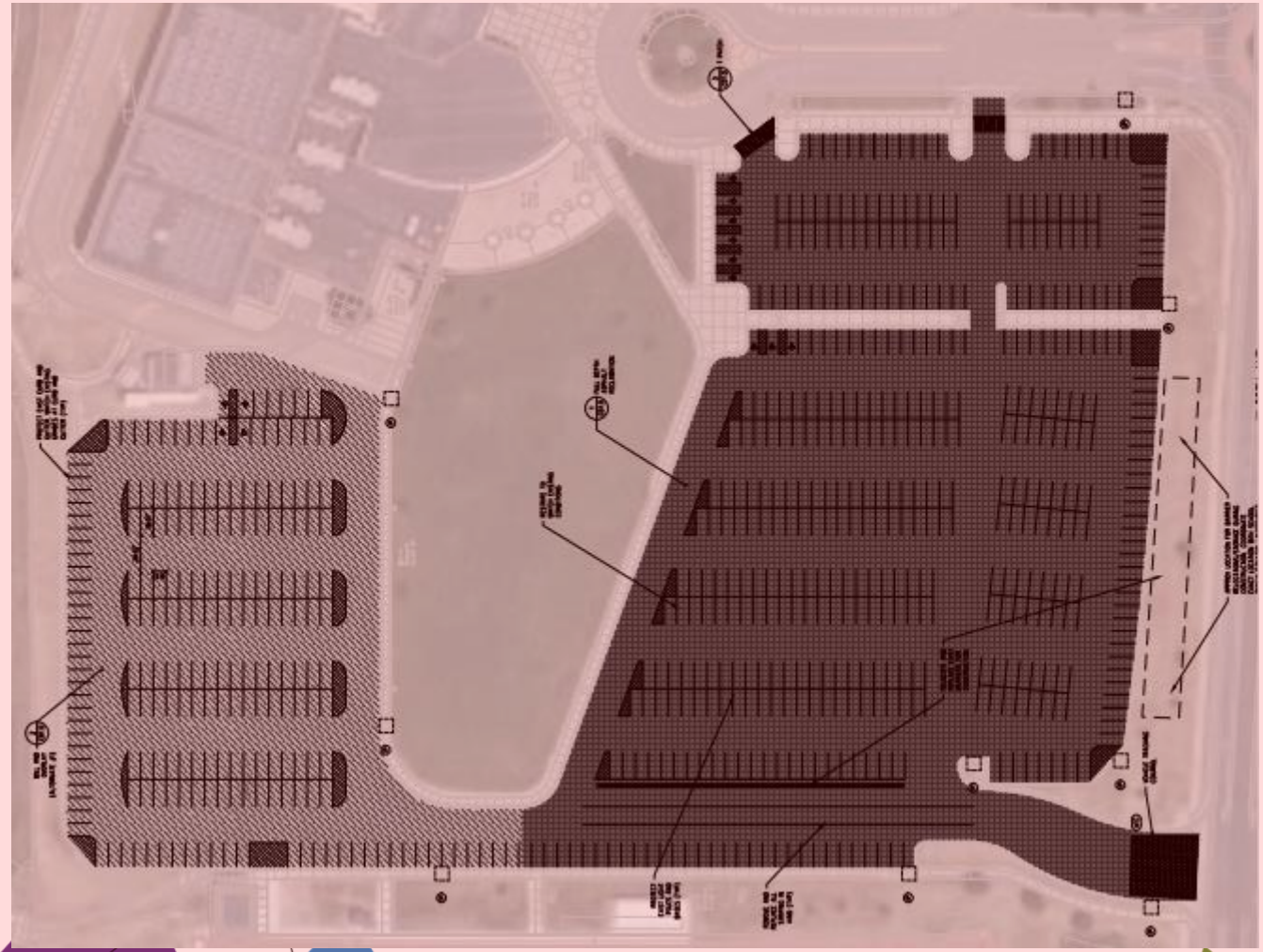




RVHS – Paving

Construction

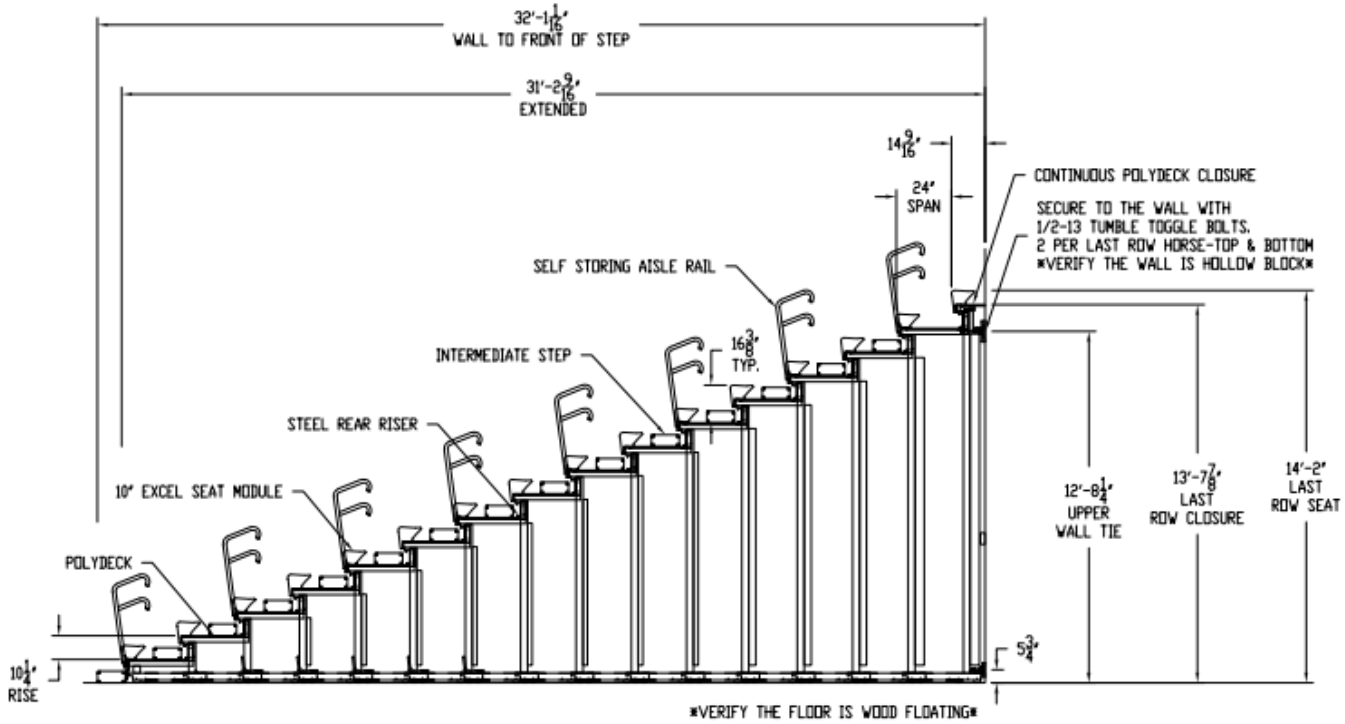
JVA - APC



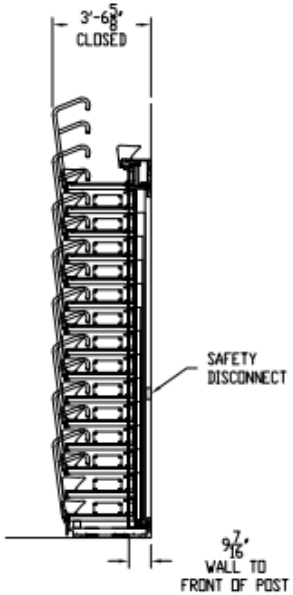
District Wide – Bleachers
GMHS & Chatfield

Construction

BROC



16 ROW SIDE ELEVATION - BANK #1



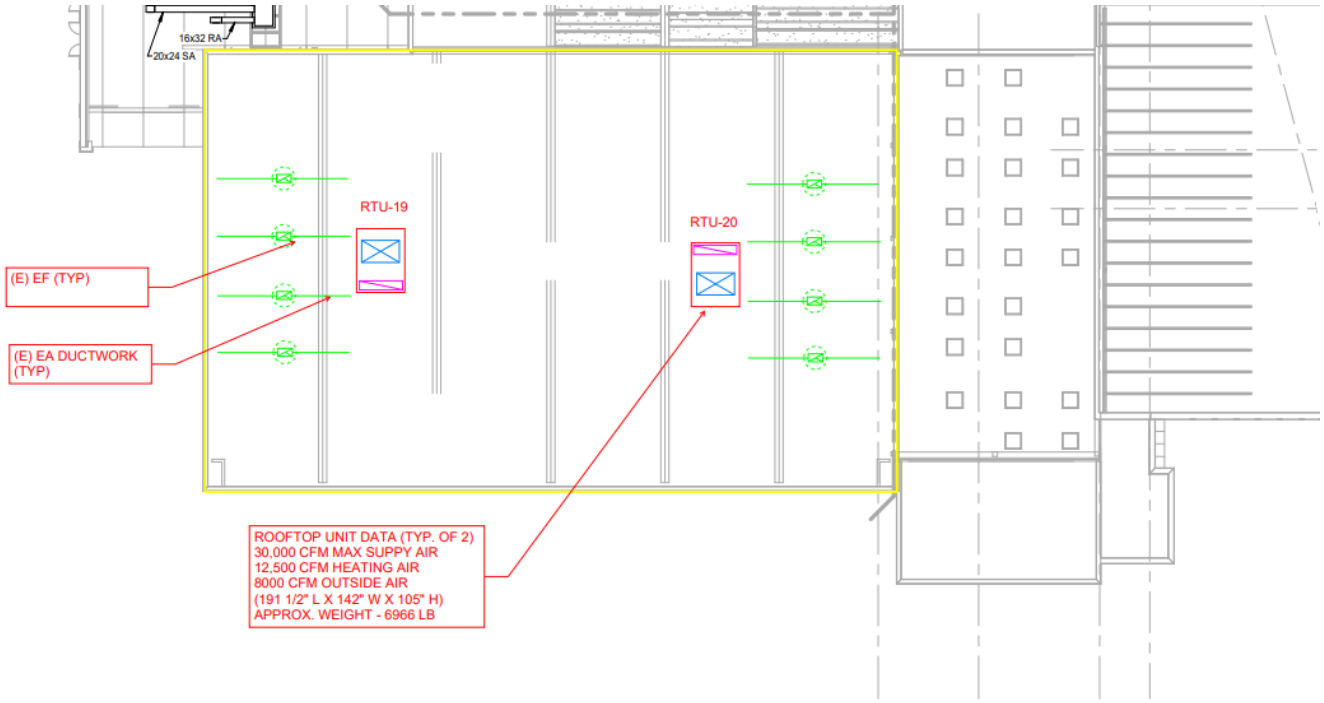
CLOSED VIEW

JEFFCO PUBLIC SCHOOLS

Alameda HS – Mechanical

Construction

Cator Ruma – US Engineering



OPTION 1: (2) 30K CFM ROOFTOP UNITS

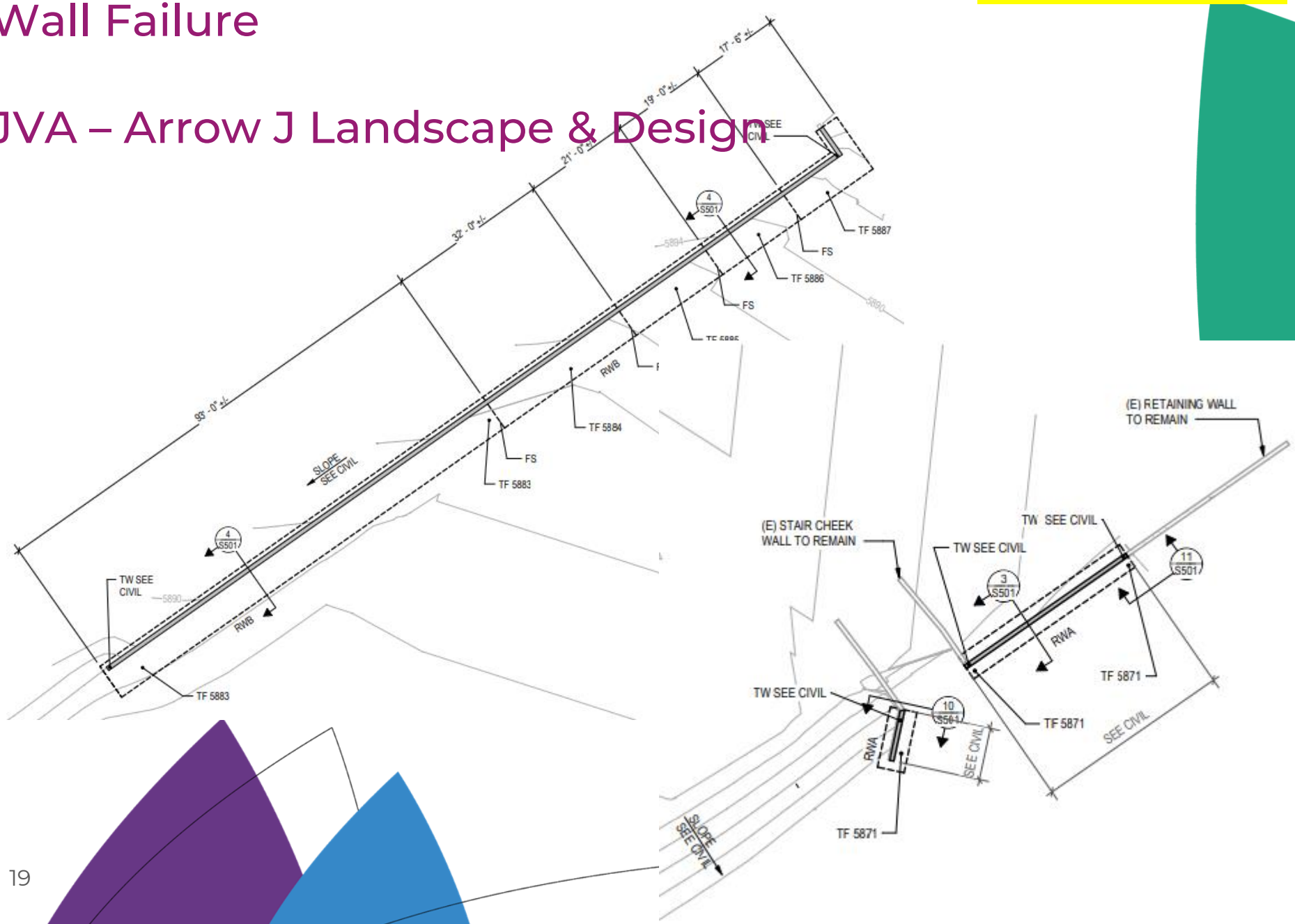
MECHANICAL ROOF PLAN
SCALE: 1" = 20'-0"

JEFFCO PUBLIC SCHOOLS

Devinny Retaining Wall
Wall Failure

Construction

JVA – Arrow J Landscape & Design

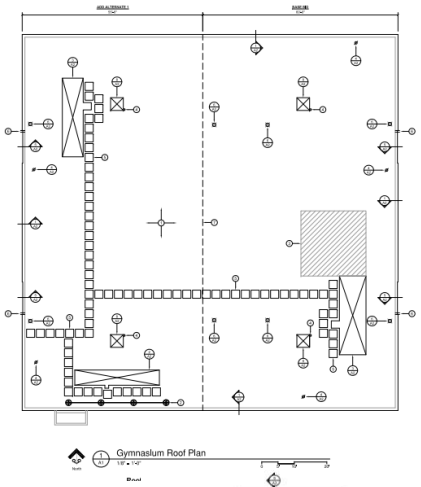


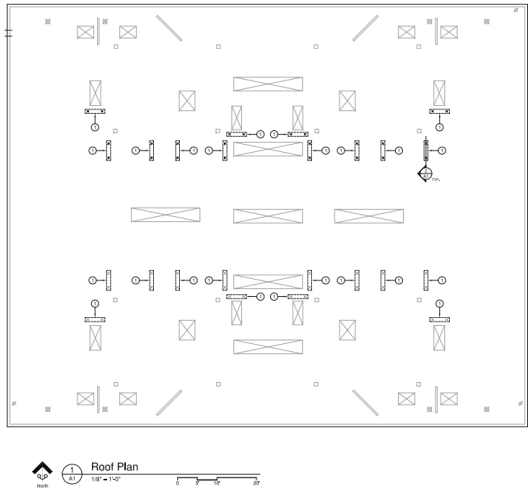
District Wide – Roofing

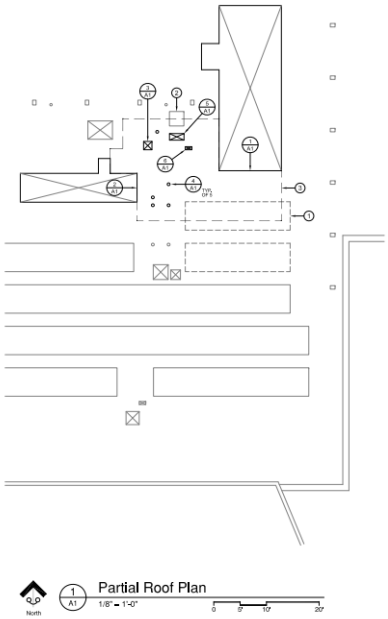
Construction

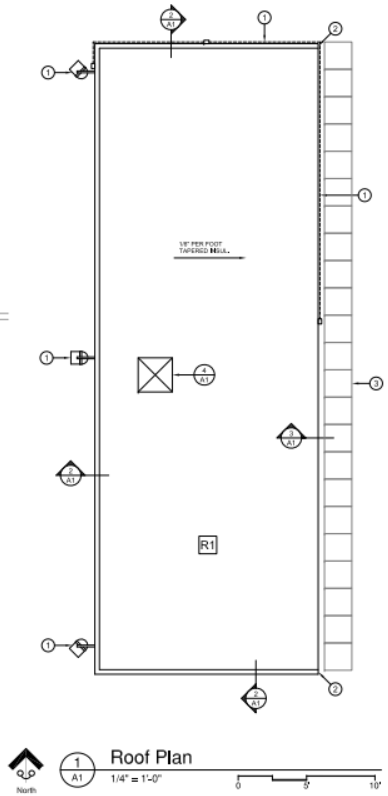
RD+dk - Arapahoe

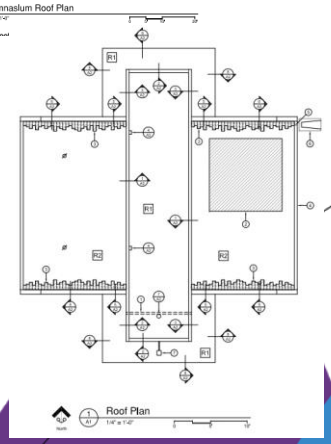
Evergreen HS gym, Jefferson HS (repair),
Jeffco stadium east side press box (repair)
Jeffco driver training, Lakewood HS (repair)





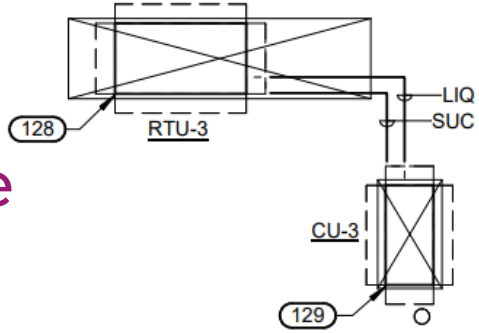






Columbine Hills – RTU-3 Replacement Equipment Failure

Construction



IMEG – Trautman & Shreve

AIR HANDLING SCHEDULE

NOTES:
1.PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION ----{15170} [22 05 13] [23 05 13].
2.PROVIDE 120V CONNECTION FOR RECEPTICALE.

		SUPPLY FAN (NOTE 1)								RETURN FAN (NOTE 1)									ELECTRICAL											
																						DISCONNECT(S)		CONTROLLER STARTER(S)						
TAG NAME	AREA SERVED	NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP EA CH (NOTE E)	MHP EACH (NOTE E)	NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP EA CH (NOTE E)	MHP EACH (NOTE E)	MINIMUM OUTSIDE AIR CFM	NO. OF POWER CONNECTIONS	VOLTAGE	PHASES	BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	TYPE (NOTE C)	SCCR	NO. OF AUXILIARY CONNECTIONS	EMERGENCY POWER	FULL LOAD AMPS	MINIMUM CIRCUIT AMPACITY	MAXIMUM OVERCURRENT PROTECTION
RTU-3	ADMIN, OFFICES, AND LOUNGE	1	2400	2400	1.3	PLENUM	1850	1.4	2	1	2400	2400	0.3	PLENUM	880	0.7	1	340	1	480	3	MFR	NF	MFR	VFD	10000	1	No	16 A	18 A	25 A

AIR HANDLING SCHEDULE - CONT.

	DX COOLING COIL									FILTER			MAX. DIMENSIONS						
										MIXED AIR FILTER									
											PRESSURE DROP								
TAG NAME	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	AMBIENT TEMPERATURE	TOTAL MBH	SENSIBLE MBH	REFRIGERANT	SEER	TYPE	DIRTY	CLEAN	LENGTH	WIDTH	HEIGHT	WEIGHT	MANUFACTURER	MODEL	NOTES
RTU-3	78.5	61.9	53.2	51.0	100	62.6	49.5	R-454B	0	MERV 11	0.45	0.25	83"	44"	44"	1250	AAON	RN-006	ALL

CONDENSING UNIT SCHEDULE

NOTES:
1.REFER TO SPECIFICATION SECTION 15671 [23 62 13] FOR ADDITIONAL REQUIREMENTS.

					MAXIMUM ALLOWABLE SOUND POWER IN DB RE 10^{-12} WATTS OCTAVE BAND CENTER FREQUENCY							ELECTRICAL											MAX. DIMENSIONS							
																		DISCONNECT		CONTROLLER/ STARTER										
TAG NAME	AREA SERVED	NOMINAL DESIGN TONS	REFRIGERANT	AMBIENT TEMP °F	63	125	250	500	1000	2000	4000	NO. OF POWER CONNECTIONS	VOLTAGE	PHASES	FLA	MCA	MOCP	BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	SCCR	EMERGENCY POWER	LENGTH	WIDTH	HEIGHT	WEIGHT	MANUFACTURER	MODEL (NOTE 1)	NOTES
CU-3	ADMIN, OFFICES, AND LOUNGE	5	R-454B	100.0	0	0	0	0	0	0	0		480	3	11.0	13	20	EC	NF	MFR	10000	No	61	30	57	450	AAON	CFA-007	ALL

JEFFCO PUBLIC SCHOOLS

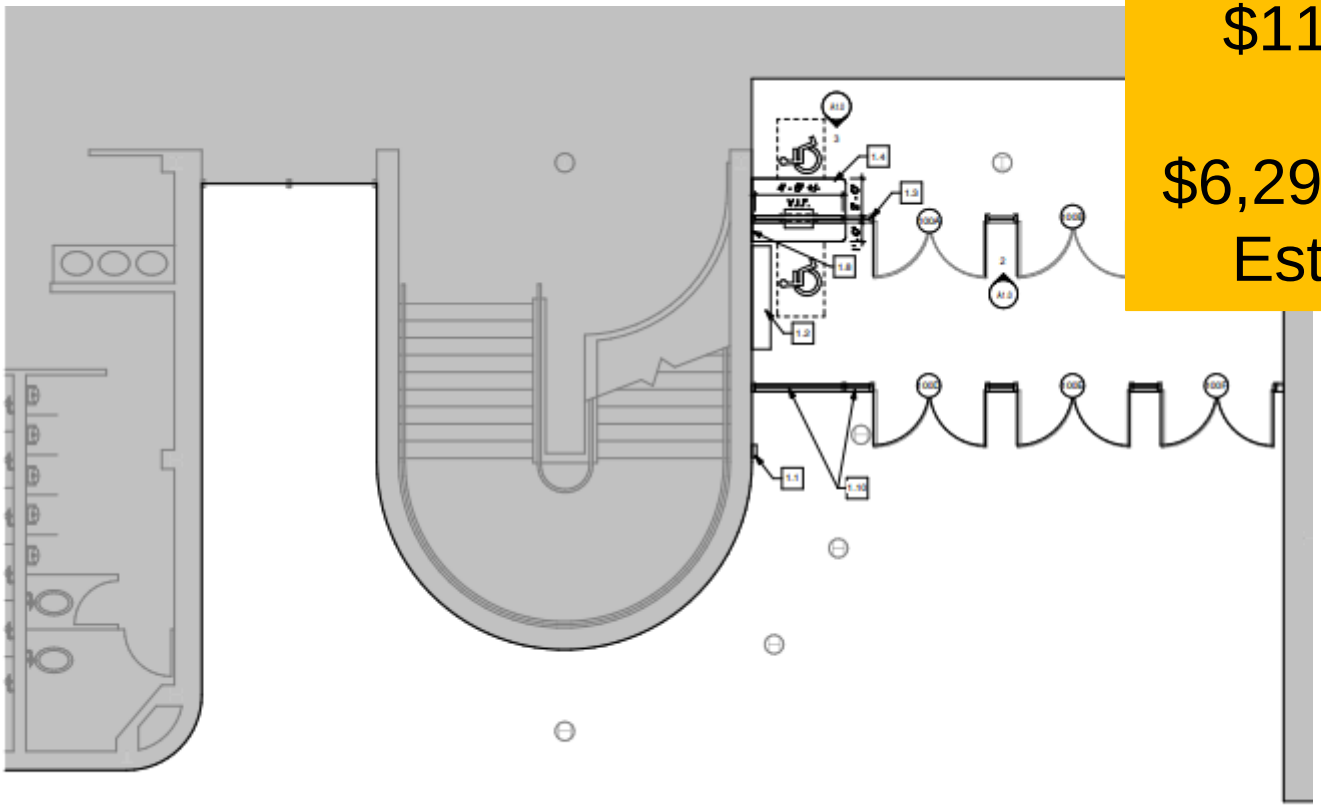
West Jefferson MS – Secure Entry

Eidos – Single Track

Bid $110,000

Estimate
$116,292

$6,292 Under
Estimate



1. Enlarged Entry Plan

JEFFCO PUBLIC SCHOOLS

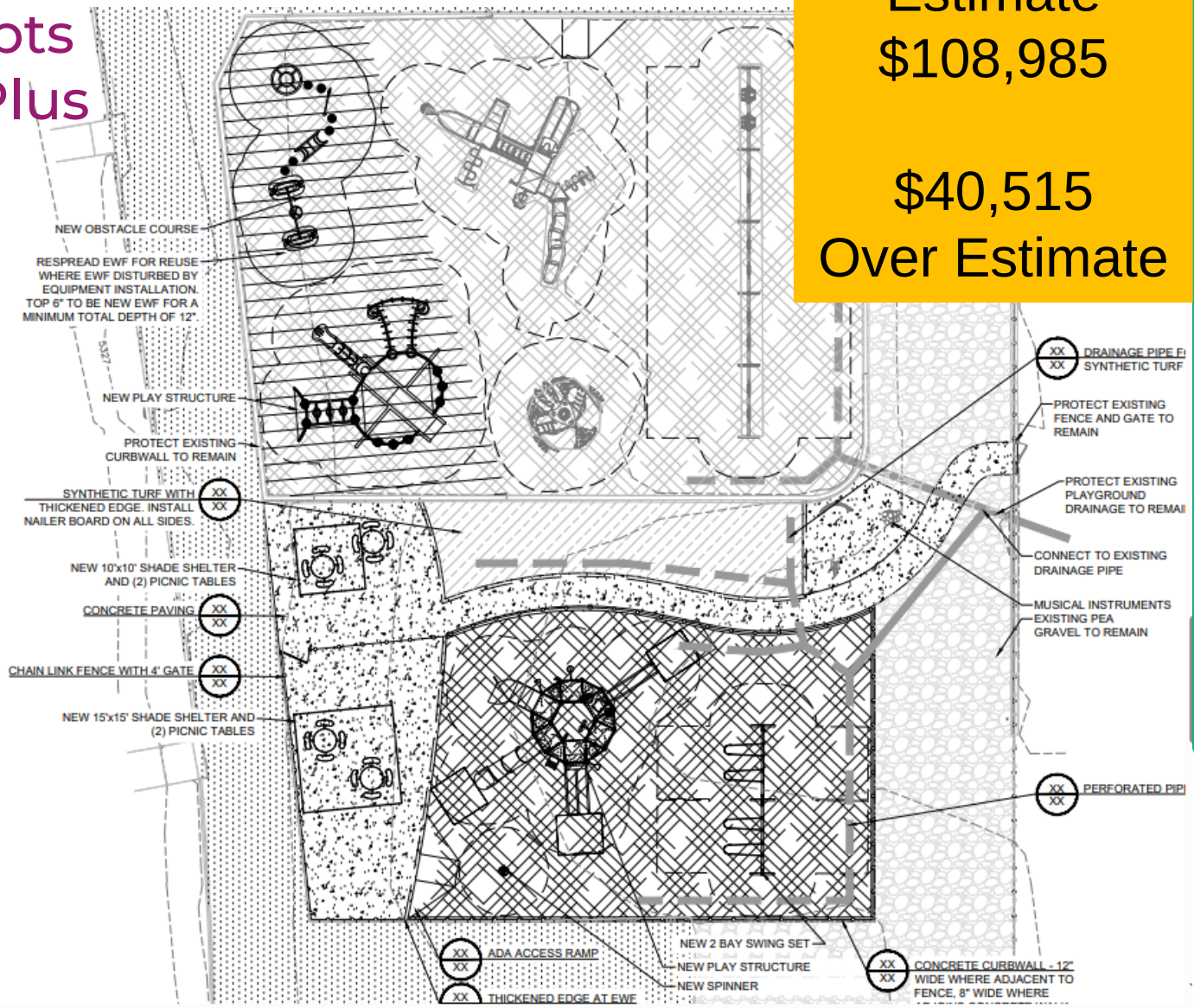
Edgewater ES Playground

City of Edgewater, Design Concepts & Recreation Plus

Bid $149,500

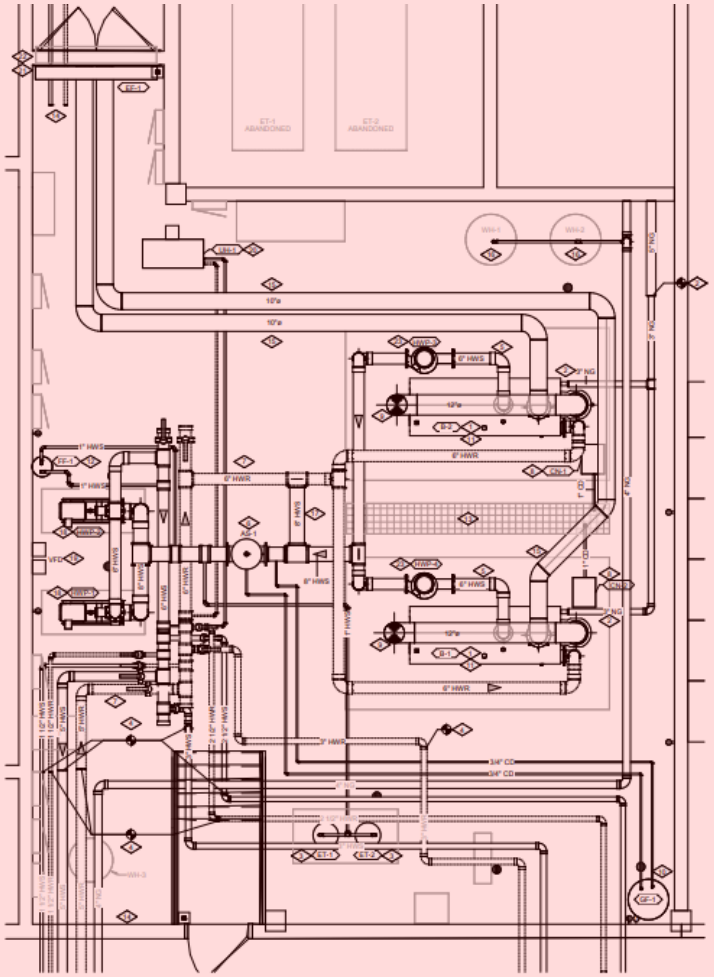
Estimate
$108,985

$40,515
Over Estimate



Alameda International Jr./Sr. High Boiler Replacement

Columbine Engineering – JCOR Mech



ENLARGED MECHANICAL ROOM NEW WORK PLAN

Bid $599,390

Estimate
$1,600,000

$1,000,610
Under
Estimate

JEFFCO
PUBLIC SCHOOLS

FF&E

Drake MS	FF&E	CR
Normandy ES	FF&E	HP
Pennington ES	FF&E	SK
Secrest ES	FF&E	SK
Swanson ES	FF&E	SK
Ute Meadows ES	FF&E	HP
Van Arsdale ES	FF&E	SK
Warder ES	FF&E	CR
Westgate ES	FF&E	CR
West Woods ES	FF&E	CR

FFE BOE April -

Virco	$1,100,000
BC Interiors	$600,000
OS Schools	$600,000
Meteor	$600,000

JEFFCO PUBLIC SCHOOLS

Small Projects (School Funded) - 30 Day Activity

South Artic Areas

Chatfield
Columbine
Dakota Ridge
Alameda
Bear Creek
Green Mountain

+9 Requests

Central / Mountain Artic Areas

Conifer
Evergreen
Golden
Jefferson
Lakewood

+10 Requests

North Artic Areas

Arvada
Arvada West
Pomona
Ralston Valley
Standley Lake
Wheat Ridge

+18 Requests

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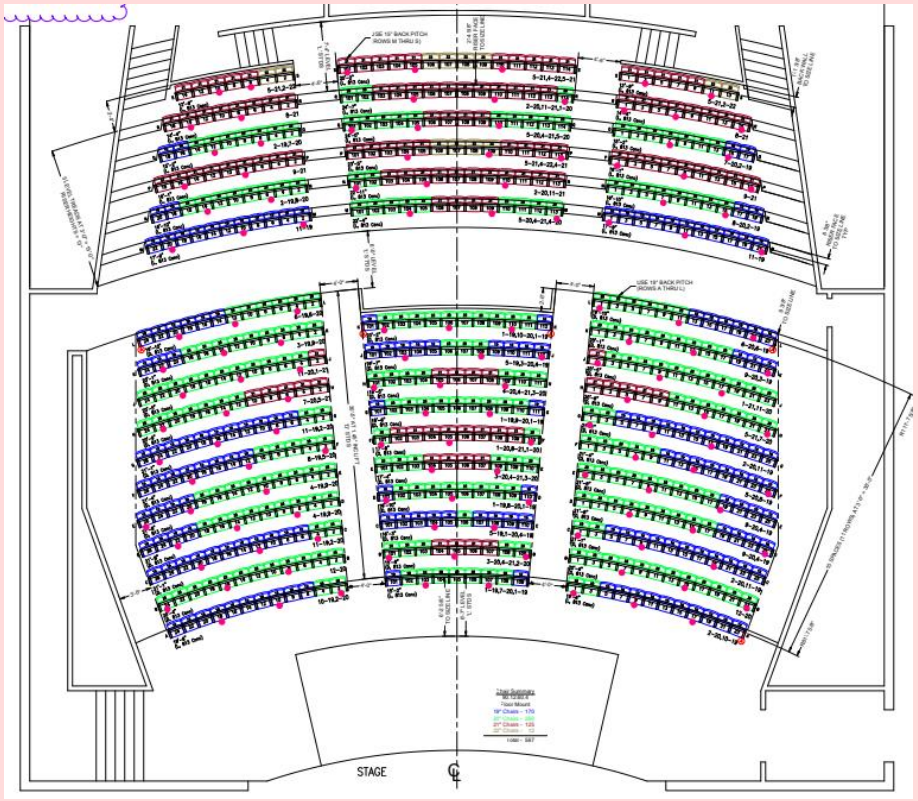
Columbine HS - Auditorium Seating

Irwin



Demolition - Week of June 2
Installation - 3 Days after Demo Complete
Complete - July's Leadership Event

JEFFCO PUBLIC SCHOOLS

Colorado Front Range K-12 Construction Climate

Apx. $6 Billion in Bond Programs

1	Denver Public Schools: (88,235 students)	$	975,000,000.00
2	Douglas County School District: (61,964 students)	$	490,000,000.00
3	Cherry Creek School District: (52,419 students)	$	950,000,000.00
4	Aurora Public Schools: (39,148 students)	$	1,000,000,000.00
5	Adams 12 Five Star Schools: (34,998 students)	$	830,000,000.00
6	Saint Vrain Valley Schools: (32,506 students)	$	740,000,000.00
7	Poudre School District: (29,914 students)	$	49,000,000.00
8	Academy 20	$	83,140,000.00
9	Mesa County District 51	$	190,000,000.00
10	Durango School District	$	150,000,000.00
11	Westminster School District	$	11,000,000.00
12	Platte Valley School District	$	89,500,000.00
13	Rangely School District	$	27,950,000.00
14	Dolores RE-4 + Best Grant	$	29,200,000.00
15	Weld RE-9	$	89,500,000.00
16	Adams 14 + Premium	$	131,400,000.00
	Total	$	5,835,690,000.00

JEFFCO PUBLIC SCHOOLS

Next Meeting 5-15-25