



Great Falls Public Schools



LONG RANGE FACILITIES PLAN

April 2021



TABLE OF CONTENTS

Director of Business Operations Message
Mission Statement
Strategic Plan
Facilities Master List
Facilities Plan Summary Information
2016-2021 Technology Master Plan
Facilities Plan
Chief Joseph Elementary
Lewis and Clark Elementary
Lincoln Elementary
Longfellow Elementary
Loy Elementary
Meadow Lark Elementary
Morningside Elementary
Riverview Elementary
Roosevelt Elementary
Sacajawea Elementary
Sunnyside Elementary
Valley View Elementary
West Elementary
Whittier Elementary
East Middle School
North Middle School
C. M. Russell High School
Great Falls High School
Paris Gibson Education Center
Bond Sale and Bond Schedule Information
Debt Capacity
Enrollment Projections
Great Falls Economic Development
SPED
ELF
Bond Financial Impact
Building by Building Status
Revenue Resources
Facilities Condition Inventory (FCI)

DIRECTOR OF OPERATIONS MESSAGE

This annual Long Range Facilities Plan provides a comprehensive picture of the Great Falls Public School facilities that include 1.85 million square feet of building space along with over 300 acres of grounds. As a public entity, we strive to be transparent in our operations. It is intended to help the board and public understand how we have evolved and continue to evolve to meet our changing needs. Our goal of providing a quality education for all students, including the student-learning environment, continues to be achieved through positive cooperation between our community and school.

The district's resources are focused on our mission of educating all our students to navigate their futures. This includes having safe and secure classrooms and buildings and grounds. District finances play a big part of the comprehensive facilities plan. Our entire team of dedicated professionals including carpenters, plumbers, painters, electricians, and grounds men, who all work together to keep our buildings operational.

The facilities include our twenty schools, which average 59 years in age. Our goal of providing a safe and secure learning environment for all our students, addressing safety issues, and upgrading our aging critical infrastructure components is coming to fruition with the passage of the \$98.8 million bond in October, 2016. Work nearly completed on all of the identified bond projects. Please refer to the district website at (<http://gfps.k12.mt.us/content/facility-action>) for the most up-to-date information on the progress of all the projects. The estimated timeframe to complete the construction is five years.

The Great Falls Schools annual facilities process takes place throughout the school year with a majority of the major construction work scheduled for the summer months while school is not in session. Building walkthroughs are held annually at each building. At these walkthroughs, the building Principal, First Engineer, Director of Information Technology, Assistant Superintendent, Director of Business Operations, Supervisor of Building and Grounds, Food Service Director and kitchen staff meet to review and update the building plan. Included in this annual review are items of safety, technology issues, building components of fire alarm system, intercom, building accessibility, fresh air circulation, and boiler status. The committee reviews the summer work orders and building projects, inspections, and kitchen facilities and equipment. This review helps guide the summer work planned throughout the district.

Our District web page (www.gfps.k12.mt.us) is an excellent resource for additional information on our facilities including the ongoing construction progress on each of the projects identified in the Facilities Action Plan.

Sincerely,

A handwritten signature in black ink that reads "Brian Patrick". The signature is written in a cursive, flowing style.

Brian Patrick

Director of Business Operations

MISSION STATEMENT AND STRATEGIC PLAN

Mission

Vision: All kids engaged in learning today.....for life tomorrow

Mission: We successfully educate students to navigate their future.

Belief Statements:

- All students and staff learn and work best in a safe, secure, and nurturing environment.
- Quality education is a partnership of students, staff, family, and community engagement.
- District resources, programs and staff are flexible, adaptable and provide choice to meet the changing needs of all students.
- District resources and staff are public assets requiring responsible stewardship and community involvement.

Healthy, Safe and Secure Schools

Goal: The District will provide all students a healthy, safe, and secure school environment in which to learn.

The Board recognizes its responsibility to protect the health, safety and welfare of all students within the District. The Board is committed to ensuring that plans and supporting resources are available to carry out this important responsibility.

Relevant Belief Statements:

- All students and staff learn and work best in a safe, secure, and nurturing environment.

Key Results:

- The District will coordinate all aspects, as well as enhance and/or expand the Board-adopted District Safety Plan.
- Conduct Safety Audits of buildings in collaboration with School Resource Officers (SROs) to include Crime Prevention Through Environmental Design (CPTED)
- Develop a plan for Point of Entry, Line of Sight, and a Secured Badge System
- Communicate and enlighten both internally and externally via:
 - Tammy's Top Ten, Facebook, Tribune/TV Stations

Stewardship and Accountability

Goal: Provide prudent stewardship and accountability of public resources to best support educational opportunity and student success.

The Board is committed to directing District resources to providing educational opportunity through both an instructional core and comprehensive programming while maximizing operational efficiency and public accountability within a sustainable budget. The District must recognize a need for a 21st Century learning environment, changing student population with more diverse needs, uncertain revenue streams and escalating costs.

Relevant Belief Statements:

- Quality education is a partnership of students, staff, family, and community engagement.
- District resources and staff are public assets requiring responsible stewardship and community involvement.

Key Results:

- The District will develop a strategy to address ongoing and significant budget challenges.

The strategy will include:

- Data analysis, Forecasting, Value setting, Goal setting, Timelines, Public relations, The District will maintain public involvement in the annual budget setting process in order to continue implementing a sustainable, long-term budget strategy., Maintain reserves at current levels to ensure a good bond rating for the next bond sale, Continue to explore alternative revenues, Identify opportunities for operational efficiencies and cost saving measures, Incorporate Cropper enrollment forecasts into future budget considerations, Continue to focus on community partnerships, Legislators, Service Clubs, Home-schooled families, Ministerial/Interfaith, Preschool partners, Police Department, Post-secondary partnerships, Business partnerships, Malmstrom Air Force Base (MAFB)/Montana Air National Guard (MANG), Social Service Organizations, Enhance social and traditional media engagement, Reporting school safety events, The District will determine the needs required to address learning in the 21st century., Address the needs around these concepts: Environmental conditions, Flexible learning environments, Manage the process associated with the bond funding of the Facility Plan, Implement the redistricting process as outlined with Cropper, Internal and external communications

FACILITIES - MASTER LIST

Elementary District

Building/School	Square Feet	Student Capacity	Grades Served	Year Constructed/ Major Additions
Chief Joseph	44,040	388	K-6	1963/1966
Giant Springs	57,442	500	K-6	2018
Lewis & Clark	55,586	458	K-6	1952/1956
Lincoln	41,230	353	K-6	1951/1956
Longfellow	58,510	511	K-6	1951 (under construction)
Loy	53,110	458	K-6	1962
Meadow Lark	44,644	458	K-6	1961/1990
Morningside	45,594	353	K-6	1961
Mountain View	45,393	335	K-6	1969
Riverview	45,342	370	K-6	1961
Roosevelt	33,825	318	K-6	1927/1939/1950/1956
Sacajawea	43,676	370	K-6	1963
Sunnyside	44,176	388	K-6	1961
Valley View	43,503	370	K-6	1961/1966
West	81,083	581	K-6	1952/1957
Whittier	29,557	300	K-6	1938/1990
East Middle	165,000	945	7-8	1958
North Middle	128,110	882	7-8	1969
Skyline Pre-K	46,797	335	Transition-K	1970

High School District

CMR High	331,241	1,533	9-12	1964/1996/2018
Great Falls High	385,366	1,995	9-12	1930/1949/1954/1976/1977/1996/ 2018
Paris Gibson Education Center	128,956	1,239	9-12	1948

Shared Facilities of the Districts

District Offices ¹	16,723	n/a	n/a	1957
Annex ¹	2,400	n/a	n/a	1968
Warehouse ^{1*}	14,626	n/a	n/a	1964
Little Russell, Trades, Storage ¹	20,000	n/a	n/a	1932/1950/2018

¹Facilities are jointly owned by the Districts.

* Food processor moved from Longfellow to Warehouse.

DEBT CAPACITY

Elementary District's Debt Limitation and Debt Capacity Remaining. Based on the information presented above, the Elementary District's total statutory debt limitation is \$251,380,220. Giving effect to the issuance of the Elementary District Bonds in the amount of \$34,675,000¹ and other outstanding Elementary District general obligation debt in the principal amount of \$4,568,252, for a total of \$39,243,252¹, the Elementary District is expected to have remaining debt capacity following such issuance of \$212,136,968¹.

Current Elementary Debt Capacity

Treating the remaining \$11,235,000² of Elementary District Bond Authorization as issued simultaneously with the Elementary District Bonds for an aggregate total of \$50,478,252^{1,2} of debt outstanding, the Elementary District's remaining debt capacity would be equal to \$200,901,968^{1,2}.

Projected Elementary Debt Capacity after 2nd Bond Sale

High School District's Debt Limitation and Debt Capacity Remaining. Based on the information presented above, the High School District's total statutory debt limitation is \$251,619,060. Giving effect to the issuance of the High School District Bonds in the amount of \$24,035,000³ and other outstanding High School District general obligation debt in the amount of \$1,301,706 for a total of \$25,336,706³, the High School District is expected to have remaining debt capacity following such issuance of \$226,282,354³.

Current High School Debt Capacity

Treating the remaining \$28,920,000^{3,4} of High School District Bond Authorization as issued simultaneously with the High School District Bonds for an aggregate total of \$54,256,706^{3,4} of debt outstanding, the High School District's remaining debt capacity would be equal to \$197,362,354^{3,4}.

Projected High School Debt Capacity after 2nd Bond Sale

¹ Assumes the issuance of the Elementary District Bonds. (See "ELEMENTARY DISTRICT FINANCIAL INFORMATION – Schedule of General Obligation Bond Debt Service" herein.)

² Assumes the issuance of the Projected 2018 Elementary District Bonds, as included in the Elementary District Bond Authorization. (See "ELEMENTARY DISTRICT FINANCIAL INFORMATION – Schedule of General Obligation Bond Debt Service" herein.)

³ Assumes the issuance of the High School District Bonds. (See "HIGH SCHOOL DISTRICT FINANCIAL INFORMATION – Schedule of General Obligation Bond Debt Service" herein.)

⁴ Assumes the issuance of the Projected 2018 High School District Bonds, as included in the High School District Bond Authorization. (See "HIGH SCHOOL DISTRICT FINANCIAL INFORMATION – Schedule of General Obligation Bond Debt Service" herein.)

Great Falls Public Schools—Long Range Plan

Chief Joseph Elementary School

School Information

Address: 5305 3rd Ave So.
Constructed: 1963
Additions: 1966
Lot Size: 10.99 Acres
Classrooms: 22
Sq. Ft: 44,040
Shared Use: Alliance for Youth/
 CARE Program, Hands, CSCT
Oct. 2020 Enrollment: 284 (-4)
Accredited Capacity: 554
Overload Max Capacity: 642
Functional Capacity: 388
Breakfast Program: Yes

Building Safety Items

Status

Fire Alarm System
 Intercom System (Fixed 2016)
 Lockdown Concerns—
 doors, gym secure area
 External Warning System—
 None

Other Safety Concerns:
 Building Access,
 Shifting foundation causing
 stability issues

Building Components

Fresh Air Circulation
 Boiler/Heating System
 Status
 Painted 2012 - Next 2036
 Asphalt Rating:

Kitchen Items

Items addressed during
 2020 summer gym bond
 work.

Enrollment Projection

GREAT FALLS PUBLIC SCHOOLS, MT
 DEMOGRAPHIC STUDY



Chief Joseph Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	49	48	50	49	49	48	51	50	50	46	46	45	45	44	45	46
1	32	65	43	46	40	48	47	47	46	46	45	45	44	44	43	44
2	39	32	61	36	49	43	52	49	49	47	47	46	46	45	45	44
3	41	41	37	55	37	40	45	51	48	47	45	45	44	44	44	44
4	32	47	42	40	48	39	43	46	52	49	48	46	46	45	45	45
5	29	32	46	40	39	48	41	42	45	50	47	46	44	44	43	43
6	49	33	35	44	37	37	50	40	41	43	48	45	44	42	42	41
Total: K-6	271	298	314	310	299	303	329	325	331	328	326	318	313	308	307	307
Total: K-6	271	298	314	310	299	303	329	325	331	328	326	318	313	308	307	307
Change		27	16	-4	-11	4	26	-4	6	-3	-2	-8	-5	-5	-1	0
% Change		10.0%	5.4%	-1.3%	-3.5%	1.3%	8.6%	-1.2%	1.8%	-0.9%	-0.6%	-2.5%	-1.6%	-1.6%	-0.3%	0.0%

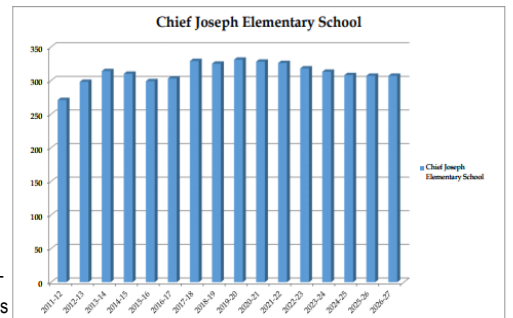
Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years

Building Information/0 to 2 Year Identified Projects

Constructed in 1963, this 44,040 square foot building sits on expansive soils that has caused major structural problems. The gym/cafeteria floor was fixed as a bond project during the summer of 2020. Drain tile has been added at various places around the building. Even though the structure of the Annex is in the worst condition of any building in the District, it serves as an excellent space for the special education program. Either major work or a demolition needs to occur to get this building stabilized. Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Plumbing, Door entrances, Structural issues, and Windows.



Long Range Use

Chief Joseph Elementary School, because of its close location to Loy Elementary School and Morningside Elementary School, would be targeted to be the first school closed if the enrollment district-wide sees a steady decline. Currently, it serves as an overflow school for Loy Elementary and as a location for high needs Special Education students (Annex). The school has major structural issues due to expansive soils. The gym floor, which had serious structural issues, was leveled as a part of the bond work completed. School bus traffic and parent drop off/visitor parking is an issue that should be addressed. The parking lot needs to be expanded and better lit. There is limited access compromised by accessibility to the annex building. Digital controls were installed as a bond-related project. There are some drainage issues on the grounds. Classroom doors have a lot of glass which is problematic during lockdowns.

Major Construction History:

2020: Gym/kitchen Renovation & Boiler
2019:
2018: Phone system installed
2017:
2016: Teleposts, Jet washer in kitchen
2015: Front entrance rehab, drainage on North side, Sump pump installed.
2014: Carpet 18, 19, CST, Ventilation work
2013: Sidewalk project
2010: Resurface parent parking lot, Water main/sewer work
2009: Replaced one boiler, storage enclosure
2008: Natural path sidewalk to asphalt, Replaced 8" water main
2007: Resurface east parking lot
2006: Re-carpet several rooms
2005: Resurface countertops, west side driveway asphalt
2004: Gym lighting retrofit
2003: Playground Chip and seal, Interior window retrofit
2002: Water Collection system installed, playground asphalt overlay

2016 Bond Related Master Facility Plan Items

Boiler—\$150,037
 HVAC—\$214,076
 Remodel Gym & Classroom Floors \$257,590
 Building Accessibility/External Warning System \$12,214
 Gym/Floor Foundation - \$750,000
Total—\$1,383,917
Phone Replacement

Technology Projection:

Windows 10 upgrade – completed 1/31/2018
 Phone System replacement – scheduled for 4/26/2018
 Full campus Video Surveillance – 2018-2019 school year
 Privacy/Security Training for Staff – 2018-2019 school year
 Visitor Management System – pending pilot at Roosevelt, Loy
 External Warning System – TBD
 Electronic Door Management System – TBD
 5 year computer replacement cycle – TBD (pending funding)
 Annual Technology Plan Review - yearly

GFPS Building Technology Plan – 11/11/20

Location: Chief Joseph Elementary

Building technology goals 2019:

1. PD – IXL, Stds based grading, Plan Book
2. Secure Foyer - PTA
3. 3 more cameras
4. Chromebook replacement plan

Building technology goals 2020:

1. Secure Foyer - PTA
2. Stay one to one with Chromebooks – 45 replacement
3. Cameras
4. Remove Library lab

Wireless – move to 5 Ghz

Video Surveillance Expansion – 3 int, 9 ext, 4 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$1,871.67

- PC – 102 (4, 58)
- Laptop – 4(1, 1)
- Chromebook – 307 (109)
- iPads – 128 (45, 83)
- Chromebook Carts - 14
- Printers - 7
- Projectors – 23
- Smartboards/Ebeams – 21/0
- Promethean Panels - 6
- Doc Cameras – 19

2:1 student to device goal (2-6) – 1.29:1 (214:166) 10 classes

Student Desktop Computers: 71 Total

- Library (21 - 7010-1, 7020-9, 790-11)
- Lab 12 (29 – 7020-1, 790-28)
- Classrooms (21 – 7010-5, 790-15, 990-1)

Professional Development – Define how you expect to see technology support your instructional goal. Seesaw, Google Classroom

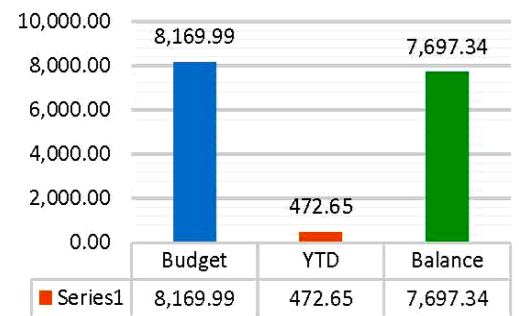
Misc:

Remote Learning – Mobile Devices

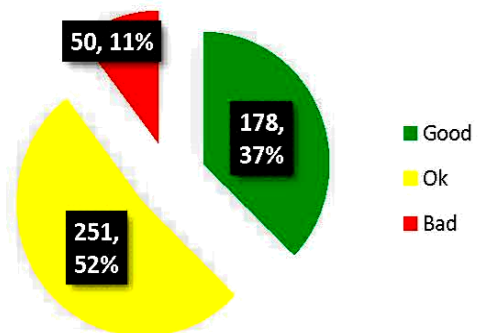
Security and Privacy

5 Year Technology Plan

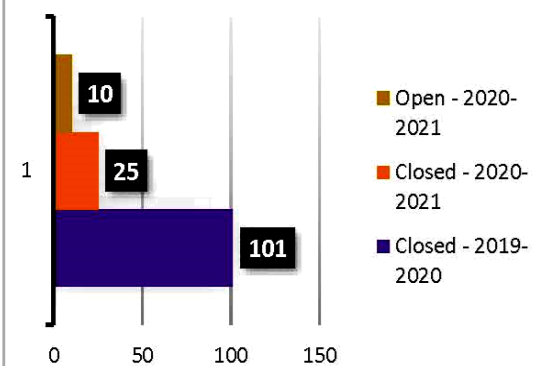
2020-2021 Technology Budget

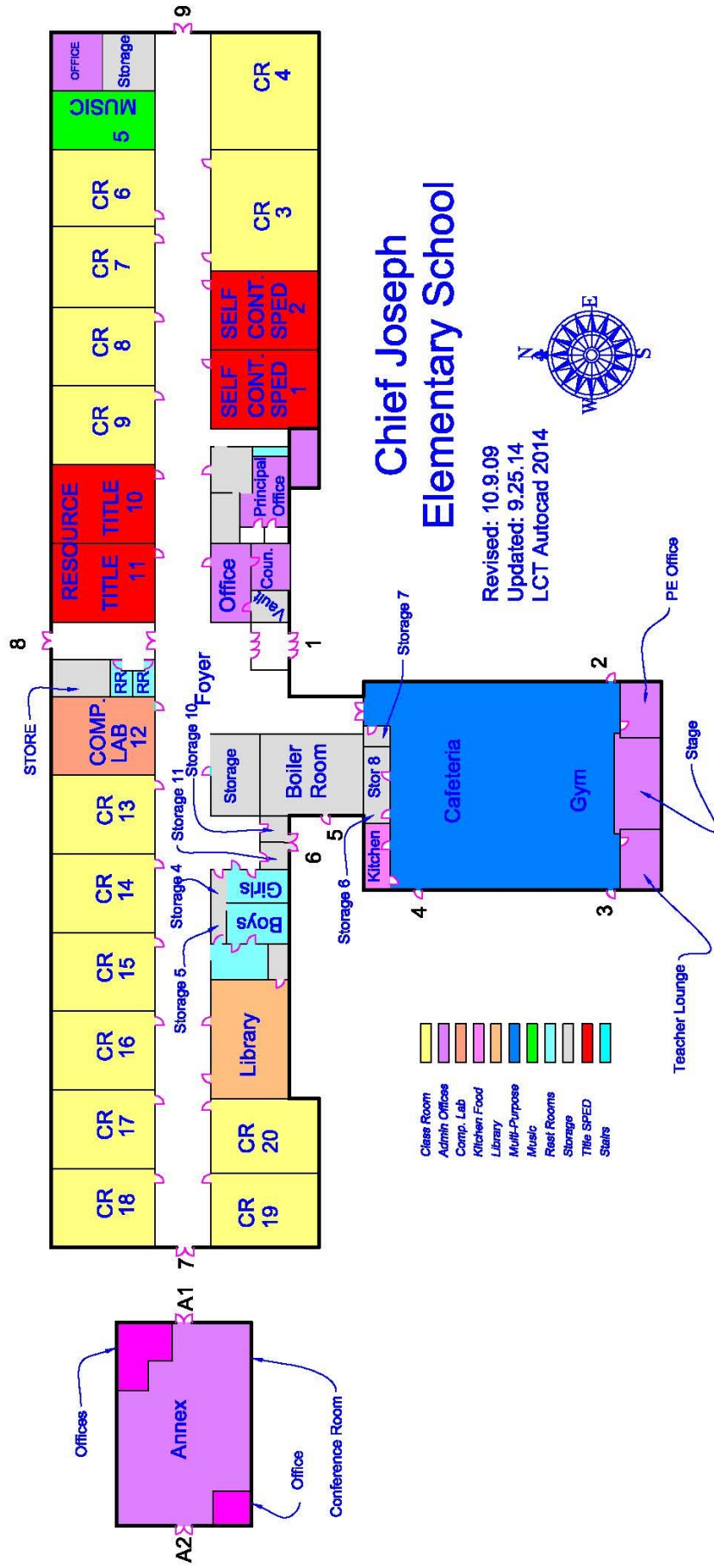


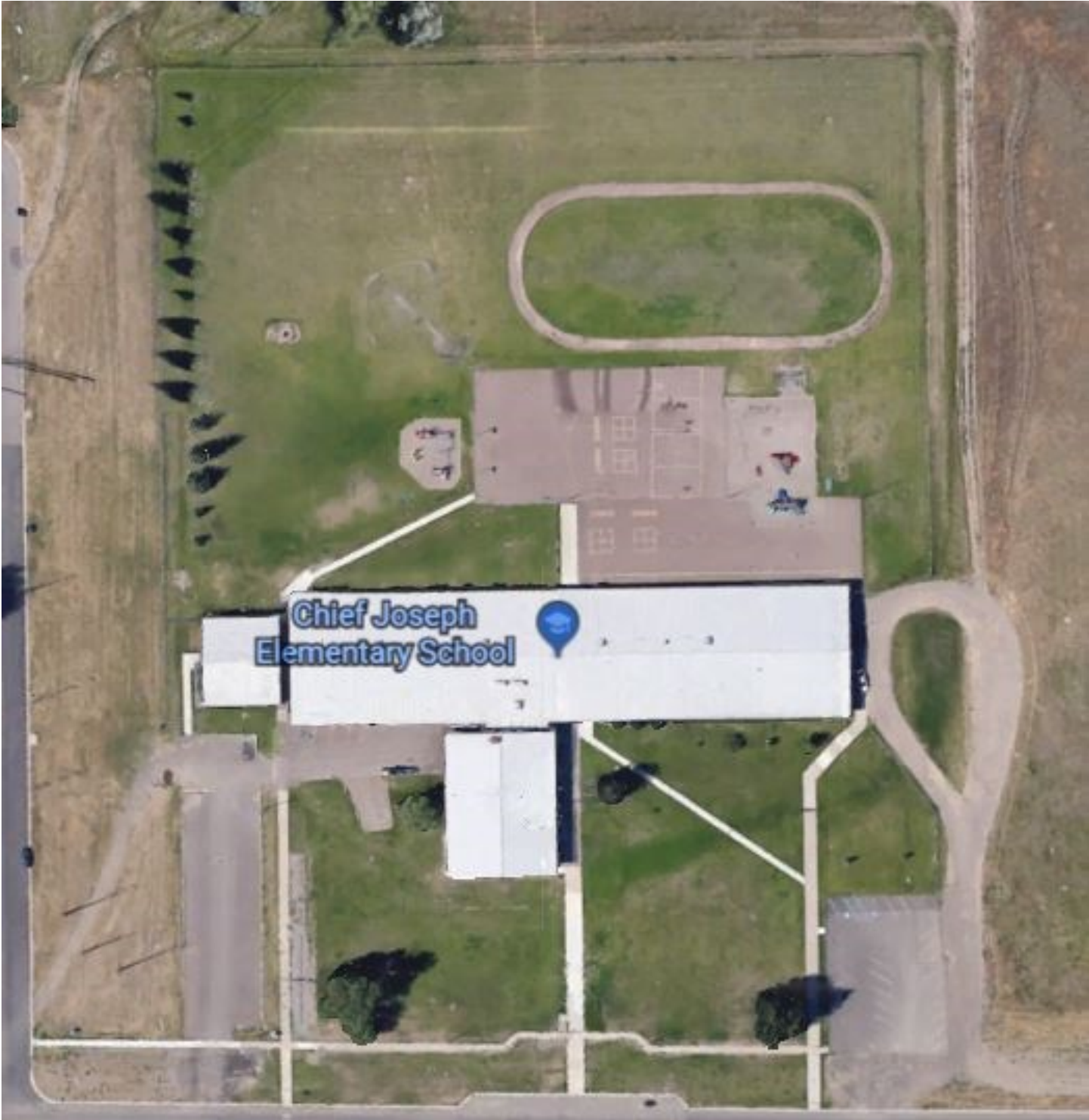
Computer Analysis



Ticket Count







Great Falls Public Schools Long Range Plan

Giant Springs Elementary School

Annual Building Walkthrough Agenda

Grants and PTA Plans
Fixed Assets (Need to verify list of items over \$5,000)
Technology Review/Overview
Review of Summer Projects & Work Orders

OSHA/DOL/Cascade Co. Health Dept. Inspections
AED

Video Inventory

Building Safety Items Status

Fire Alarm System—
Intercom System -
Lockdown Concerns—
Insurance Top Ten checklist
Other Safety Concerns: Building Access, Other

Building Components

Fresh Air Circulation
Boiler/Heating System Status—
Paint Schedule— 2043

Comments:

School Information

Address: 520 32nd St N.

Constructed: 2018

Additions: NA

Lot Size: One City Block

Classrooms: 22

Sq. Ft: 57,442

Shared Use: HANDS, Girl Scouts,
Heisey

Oct. Enrollment: 424 (+29)

Accredited Capacity: 538

Overload Max Capacity: 626

Functional Capacity: 500

Breakfast Program: Yes—Classroom
model

OPI School Code: 1855

Safety Items

*Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager- Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/ location of claims

- Payne West Training VOD Information - Employee Safety Training Videos

- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

-Fire Extinguishers Hung Up

-Breaker Boxes Clear

-Outlet Strips

-Storage Strips

-Safety Guards and Face Shields

-First Aid Kits Checked

-Eye Wash Stations Checked

-Containers Labeled

-Chemical Inventory Lists-SDS

-Refrigerators - "Food" or "No Food"

-Code Blue Teams/AED

-Playgrounds 9: of Fill

-Ice on Sidewalks

Facility Maintenance List

Punch list items from construction have been addressed.

Window tinting in lunch room

Building Information/0 to 2 Year Identified

Projects

Opened as a newly constructed school in August of 2019. This construction came from the successful \$98.8 million bond passed in 2016. The 57,442 square foot school also includes a handicapped accessible playground. Since this is a newly constructed building, there are no major facility projects planned for the next ten years.

Major Construction History:

2019:

2018: Opened School

Master Facility Plan Items

Kitchen Items

Technology Issues:

1. IT Tickets 173 Completed 1 Open.
2. 0 Summer Projects

Notes:

GFPS Building Technology Plan – 11/4/20

Location: Giant Springs Elementary

Building technology goals 2019:

1. PD – Direct instruction technology integration
2. Replace 6 desktops and 44 Chromebooks
- 3.

Building technology goals 2020:

1. Replace Teacher laptops – 1/2
2. Replace library check out pc
3. Cares Act Chromebooks replace 3120 Chromebooks
4. Purchase 2 additional drawing tablets

Wireless – move to 5 Ghz

Video Surveillance Expansion– 26 internal, 21 external, 2 NVR

Secure Foyer / Raptor Visitor Mgt – Y/Y

External Warning System - Y

Devices: Replacements - \$6,740.71

- PC – 51 (3)
- Laptop – 41(13, 25)
- Chromebook – 366 (76)
- Chromebook Carts – 12
- Printers - 4
- Projectors – 2
- Smartboards/Ebeams – 0/0
- Promethean Panels - 28
- Doc Cameras – 19

2:1 student to device goal (2-6) – 1.08:1 (278:258) 13 classes

Student Desktop Computers: 37 Total

- Library (30 - 790-30)
- Classrooms (7 - 790-7)

Professional Development – Define how you expect to see technology support your instructional goal. **Seesaw/Google Classroom. Instruction for Read Natural.**

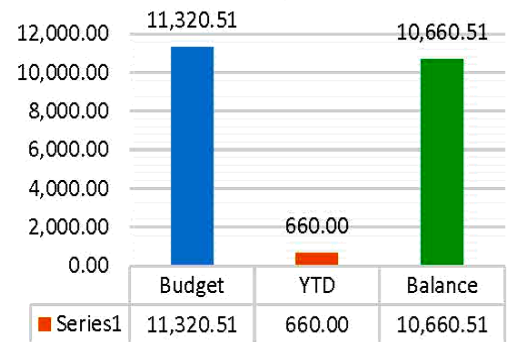
Misc:

Remote Learning – Mobile Devices

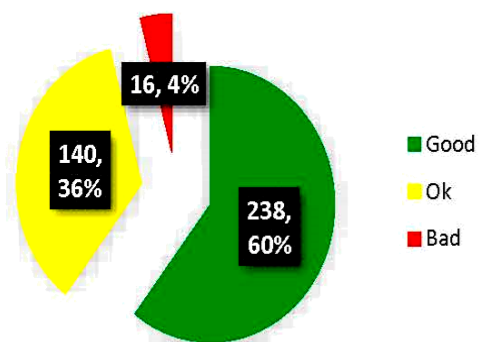
Security and Privacy

5 Year Technology Plan

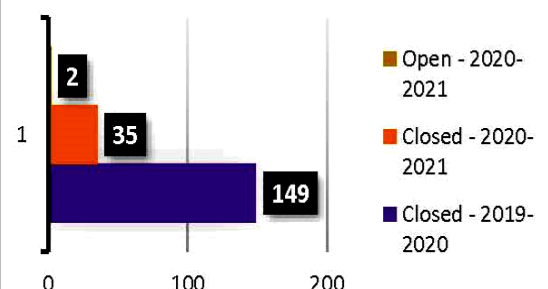
2020-2021 Technology Budget



Computer Analysis



Ticket Count



Great Falls Public Schools Long Range Plan

Lewis & Clark Elementary School

School Information

Address: 3800 First Ave S
Constructed: 1952
Additions: 1956
Lot Size: 14.25 Acres
Classrooms: 19 (20 if you count the classroom the district Hands office uses)
Sq. Ft: 55,586
Shared Use: HANDS, CSCT
Oct. Enrollment: 422 (+30)
Accredited Capacity: 654
Overload Max Capacity: 758
Functional Capacity: 458
Breakfast Program: Yes—cafeteria

Building Safety Items Status

Fire Alarm System
 Intercom System—
 Lockdown Concerns—doors adjusted as needed
 kitchen door
 Insurance Top Ten checklist
 Other Safety Concerns:
 Building Access, Other,
 Kitchen Hoods

Building Components

Fresh Air Circulation—
 Boiler/Heating System
 Status—
 Paint Schedule—Painted 2000 - Next 2021

Kitchen Items

2016 Bond Related Master Facility Plan Items

HVAC—\$130,000
 water pipes?
 H & V coil #4 steam system- \$10,628
Total—\$140,628
 Phone system

Enrollment Projection

Lewis & Clark Elementary School

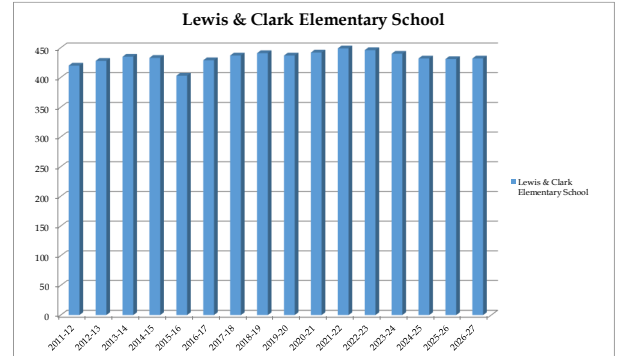
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	66	61	65	58	53	53	61	61	60	62	62	61	60	59	60	61
1	56	61	67	67	52	68	66	65	65	64	63	63	62	61	60	61
2	64	54	62	64	61	56	65	65	64	62	61	60	60	60	60	59
3	72	57	58	63	67	65	55	66	66	67	64	63	62	62	62	62
4	60	76	56	58	63	71	64	56	67	69	70	67	66	64	64	64
5	56	60	75	54	56	62	68	63	55	64	66	67	64	63	63	63
6	46	59	52	69	51	54	58	65	60	54	63	65	66	63	62	62
Total: K-6	420	428	435	433	403	429	437	441	437	442	449	446	440	432	431	432

Total: K-6	420	428	435	433	403	429	437	441	437	442	449	446	440	432	431	432
Change		8	7	-2	-30	26	8	4	-4	5	7	-3	-6	-8	-1	1
% Change		1.9%	1.6%	-0.5%	-6.9%	6.5%	1.9%	0.9%	-0.9%	1.1%	1.6%	-0.7%	-1.3%	-1.8%	-0.2%	0.2%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This 55,586 square foot building was constructed in 1952 with an addition being added in 1956. Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Plumbing, Entrance Safety, and Windows.

Major Construction History:

2020:
 2019:
 2018:
 2017:
 2016: #4 Coil replaced, parking lot manhole
 2015: New boiler, steam traps replaced, bathroom work, new exterior doors,
 2014: Door replacement & east entrance work, Fence work, asphalt work
 2013: Fire hydrant replacement
 2012: Compactor, gym & cafeteria ceiling work & painting
 2011: Carpet library & kindergarten rooms, asphalt
 2010: Remove old boiler
 2009: Carpet/Tile office area, new roof
 2008: Replace East & North doors
 2007: Replace 4.5 sections of front sidewalk
 2006: White boards
 2003: Playground remodel ADA compliance
 2002: Refinished classroom wood

Technology Projection:

1. Wireless access points switches—completed
2. IT Tickets **113** tickets closed **1** ticket open
3. E-Rate Program Update
4. Tech Plan Review Date & Time —**Held in October**
Goals-Projectors, Cameras, Increase Chromebooks (buy additional cart)

GFPS Building Technology Plan – 12/3/20

Location: Lewis & Clark Elementary

Building technology goals 2019:

1. Add more to Chromebook Carts
2. Projector Replacements (2-3)
3. Audio Enhancement Replacement – Possible Grant

Building technology goals 2020:

1. Prometheans
2. Desktops in Lab, pull red classroom computers
3. Projectors

Wireless – move to 5 Ghz (Gym)

Video Surveillance Expansion – 5 int, 15 ext, 2 SPED, 2 NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$3,403.52

- PC – 124 (3, 96)
- Laptop – 28 (2)
- Chromebook – 309 (33)
- Chromebook Carts - 11
- Printers - 8
- Projectors – 26 (83+4)
- Smartboards/Ebeams – 0/5
- Promethean Panels - 6
- Doc Cameras – 22

2:1 student to device goal (2-6) – 1.14:1 (277:244) 13 classes

Student Desktop Computers: 88 Total

- Lab 1 (42 - 7020-1, 790-41)
- Library (25 - 790-25)
- Classrooms (21 - 7010-4, 7020-2, 740-1, 780-2, 790-12)

Professional Development – Define how you expect to see technology support your instructional goal. **SeeSaw, Promethean**

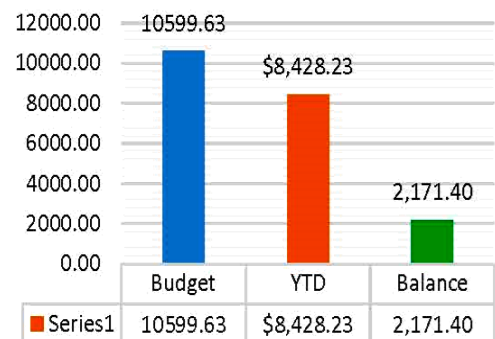
Misc:

Remote Learning – Mobile Devices

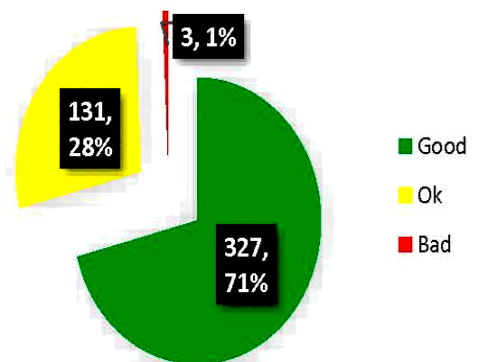
Security and Privacy

5 Year Technology Plan

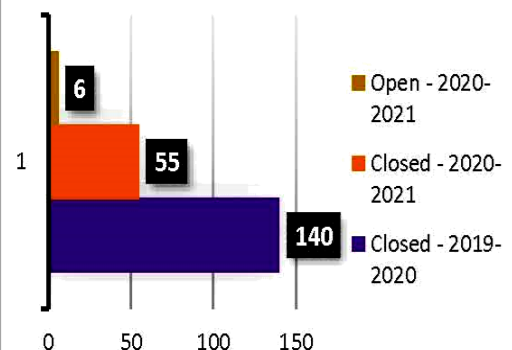
2020-2021 Technology Budget



Computer Analysis



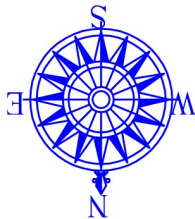
Ticket Count



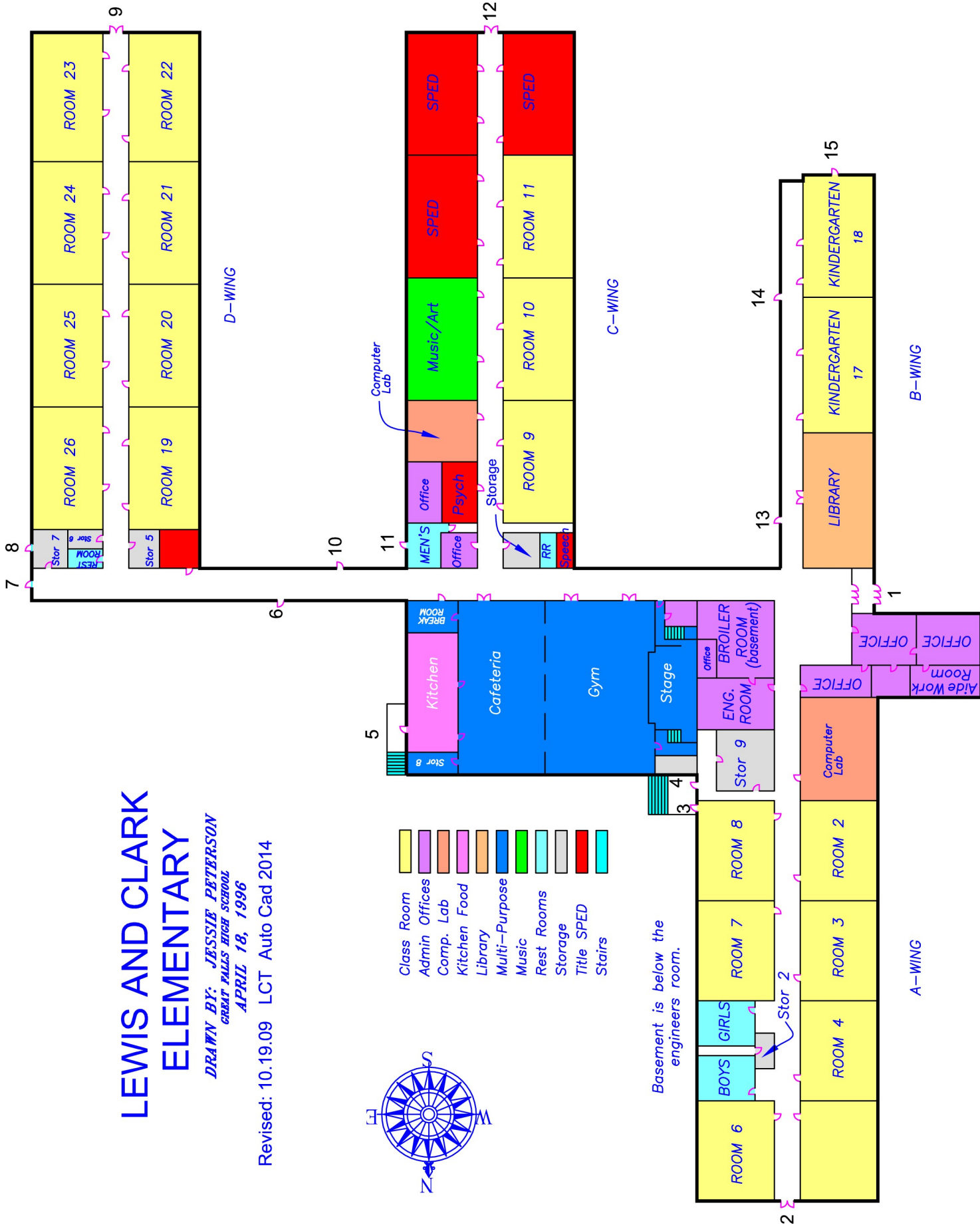
LEWIS AND CLARK ELEMENTARY

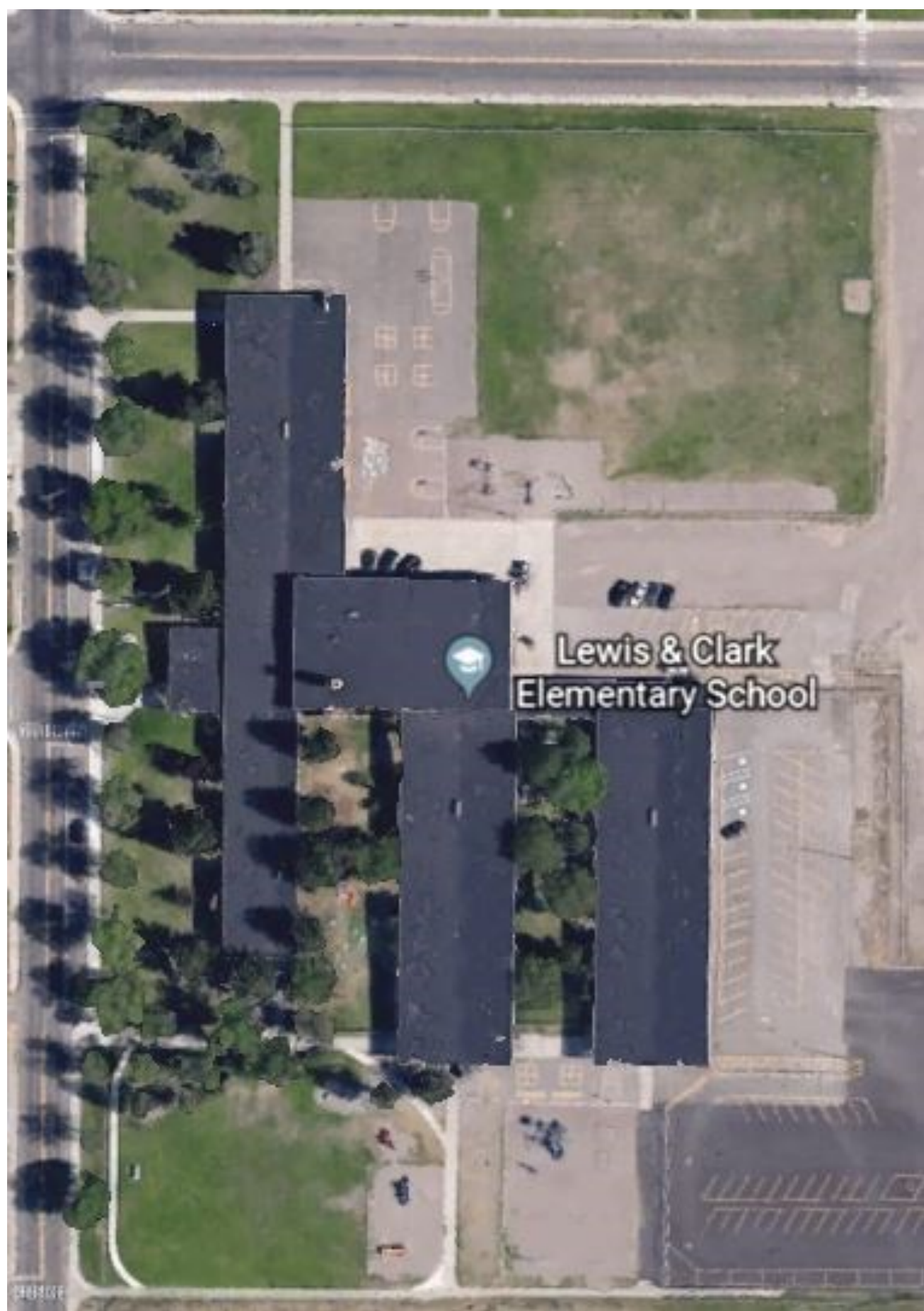
DRAWN BY: JESSIE PETERSON
GREAT FALLS HIGH SCHOOL
APRIL 18, 1996

Revised: 10.19.09 LCT Auto Cad 2014



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title
- SPED
- Stairs





Great Falls Public Schools Long Range Plan

Lincoln Elementary School

School Information

Address: 624 27th St S
Constructed: 1951
Additions: 1956
Lot Size: 4.9 Acres
Classrooms: 20
Sq. Ft: 41,230
Shared Use: HANDS, Girl Scouts, Heisey
Oct. Enrollment: 418 (+2)
Accredited Capacity: 503
Overload Max Capacity: 583
Functional Capacity: 353
Breakfast Program: Yes—
 Classroom model
Awards: Blue Ribbon School 2012

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
 Information - Employee Safety Training Videos

Kitchen Items

Duct work cleaning— annually
 New dishwasher
 Install lighter roll up window

Enrollment Projection

Lincoln Elementary School

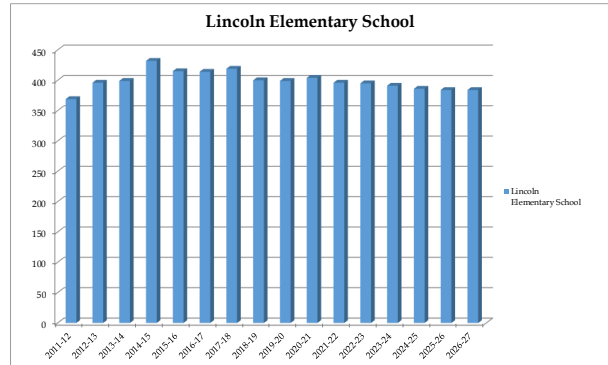
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	54	57	60	70	58	61	59	58	57	56	55	54	53	52	52	53
1	63	57	58	63	63	54	58	57	56	55	55	54	53	52	51	51
2	56	70	59	62	45	64	56	59	58	58	57	57	56	55	55	54
3	49	57	64	66	63	52	65	57	60	60	60	59	59	58	58	58
4	52	51	57	64	69	57	51	64	56	58	58	58	57	57	57	57
5	48	53	48	59	55	75	56	50	63	55	57	57	57	56	56	56
6	47	51	53	48	62	51	74	55	49	62	54	56	56	56	55	55
Total: K-6	369	396	399	432	415	414	419	400	399	404	396	395	391	386	384	384

Total: K-6	369	396	399	432	415	414	419	400	399	404	396	395	391	386	384	384
Change		27	3	33	-17	-1	5	-19	-1	5	-8	-1	-4	-5	-2	0
% Change		7.3%	0.8%	8.3%	-3.9%	-0.2%	1.2%	-4.5%	-0.3%	1.3%	-2.0%	-0.3%	-1.0%	-1.3%	-0.5%	0.0%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This school was built in 1951 with an addition being added in 1956. Major work in this structure during the 2020-21 fiscal year includes the addition of two handicapped lifts and a new gym floor. The District is working with the City to replace the street sidewalk on the North side of the building. A part of this project includes making it handicapped accessible. Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Campus Safety and Windows.

Major Construction History:

2020:

2019: ADA Renovation

2018: Boiler Replacement

2017: New kitchen tables purchased

2016: Compactor installed, rain gutter work, intercom updated

2015: Computer lab added, new door by dumpsters, door camera installed

2014: Restroom vinyl in rooms 1-6, pave S parking lot, drain tile work

2013: New ADA entrance, create S parking lot, paint school

2012: Stage remodel

2011: Library and computer lab carpet

2010: Gym door project, west parking lot paving, replace section of steam line

2007: Asbestos pipe removal

2004: Repair and resurface playground

2003: Interior Windows retrofit

2002: Cold storage shed added

2001: Drain water collection system

1998: Install ADA handicap lift

2016 Bond Related Master Facility Plan Items

2 Boilers
 HVAC
 Elevator/lift to connect K wing-
 Phone system

Technology Projection:

1. IT Tickets 70 Completed 0 open
2. E-Rate Program Update
3. Bond Impact—phone system
 UPS will be installed, Refresh schedule, minor tech items can be requested from Help Desk

GFPS Building Technology Plan – 12/8/20

Location: Lincoln Elementary

Building technology goals 2019:

1. Replace staff computers, Reduce upper lab to 48, Finish filling cart g
2. Standards based grading, planbook
3. Science curriculum implementation

Building technology goals 2020:

1. Downsize lab to one full class +
2. Chromebooks to 1:1
3. Raptor Visitor Mgt

Wireless – move to 5 Ghz

Video Surveillance Expansion– 15 internal, 16 external, NVR

Secure Foyer / Raptor Visitor Mgt – Y/N

External Warning System - N

Devices: Replacements - \$

- PC – 80 (47)
- Laptop – 34 (13, 1)
- Chromebook – 315 (31)
- Chromebook Carts – 10
- iPad – 2 (1,1)
- Printers - 8
- Projectors – 24 (83c-2)
- Smartboards/Ebeams – 2/15
- Promethean Panels - 10
- Doc Cameras – 21

2:1 student to device goal (2-6) –1.14:1 (288:252) 12 classes

Student Desktop Computers: 54 Total

- Lab 8(51 - 790-30, 7010-21)
- Classrooms (3 - 790-3)

Professional Development – Define how you expect to see technology support your instructional goal. **Promethean – café style**

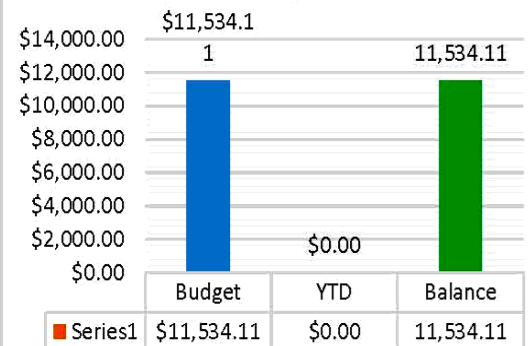
Misc:

Remote Learning – Mobile Devices

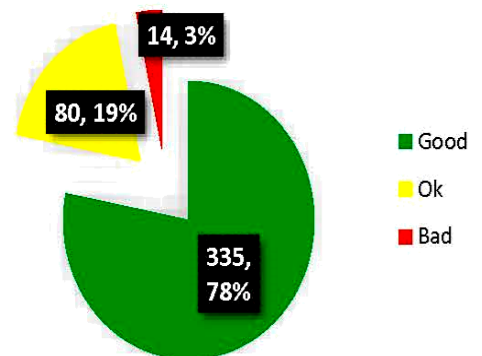
Security and Privacy

5 Year Technology Plan

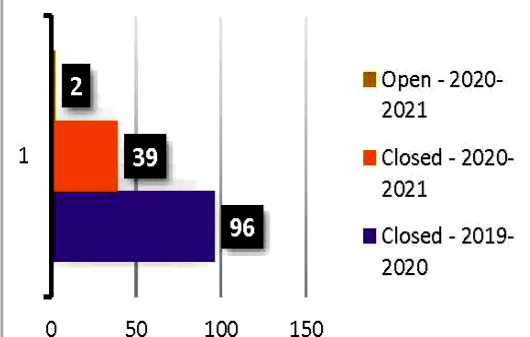
2020-2021 Technology Budget



Computer Analysis



Ticket Count

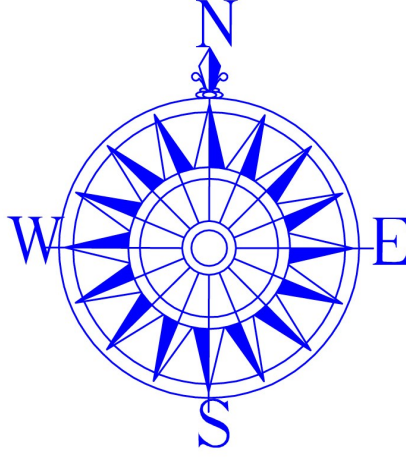


LINCOLN ELEMENTARY SCHOOL

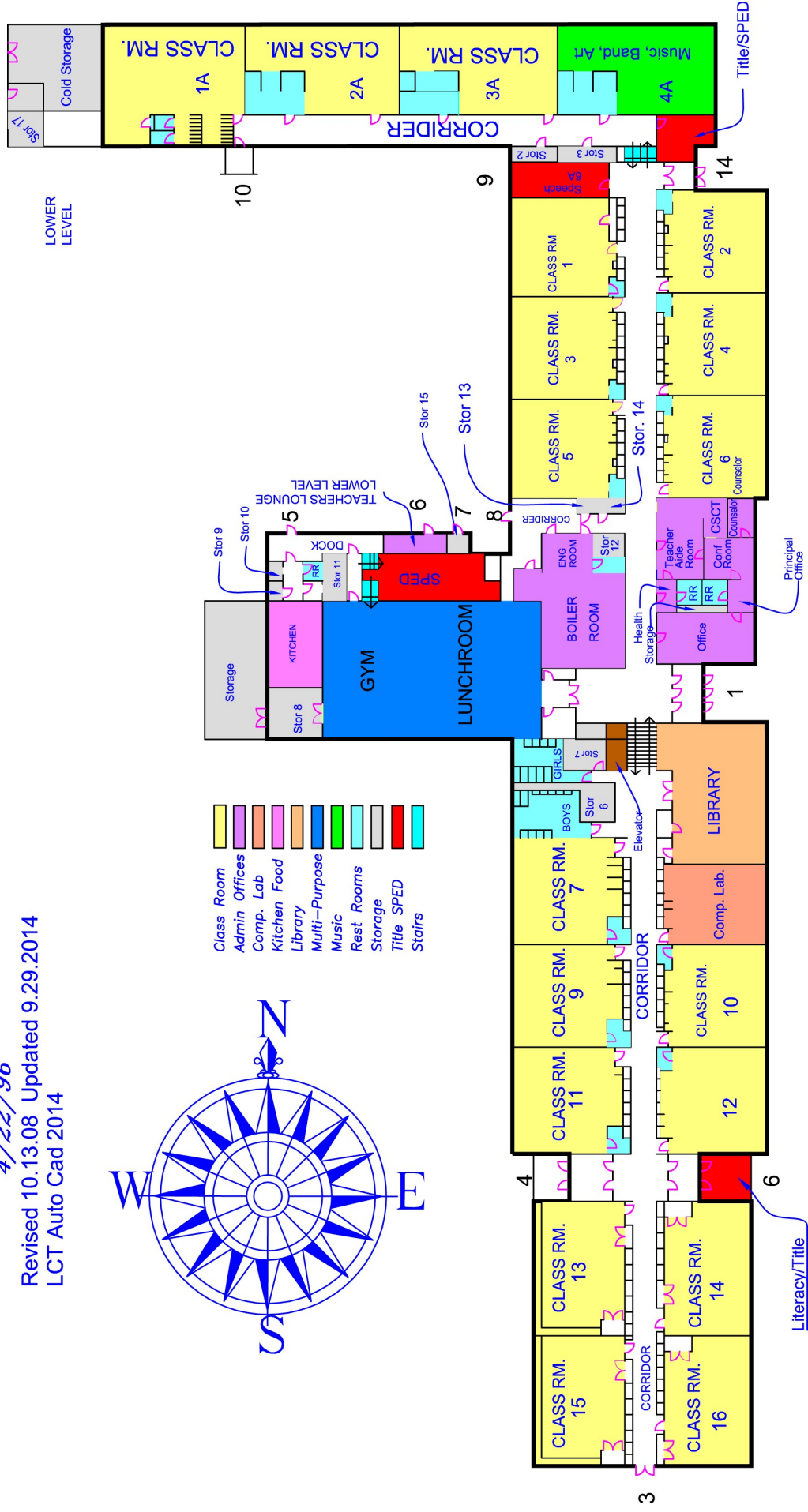
CHYDER PERKINS
GREAT FALLS HIGH SCHOOL

4/22/96

Revised 10.13.08 Updated 9.29.2014
LCT Auto Cad 2014



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs





Great Falls Public Schools Long Range Plan

Longfellow Elementary School

School Information

Address: 1101 7th Ave S
Constructed: 1951
Additions: NA
Lot Size: 4.82 Acres
Classrooms: 29
Sq. Ft: 61,291
Shared Use: 4 Headstart rooms, Healthy Mothers, Healthy Babies Program, CSCT Program, Heisey Youth Center, MT Special Olympics, Zumba Class
Oct. Enrollment: 293 (+1)
Accredited Capacity: 730
Overload Max Capacity: 846
Functional Capacity: 511
Breakfast Program: Yes in classrooms

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
 Information - Employee Safety Training Videos

Kitchen Items

Identify Lucy location during construction

Enrollment Projection

Longfellow Elementary School

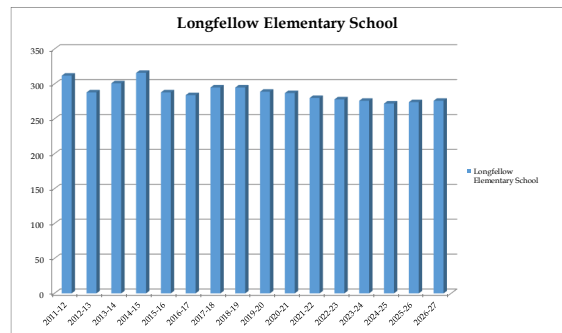
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	54	50	52	59	46	47	48	47	47	45	45	44	44	43	44	45
1	43	51	47	43	53	44	46	46	45	45	44	44	43	43	42	43
2	49	42	47	56	37	51	43	44	44	43	43	42	42	41	42	41
3	43	42	37	40	47	40	47	40	40	41	40	40	39	39	39	40
4	48	31	35	39	37	43	38	44	38	38	39	38	38	37	37	37
5	35	38	36	38	34	34	41	36	42	36	36	37	36	36	36	36
6	40	34	47	41	34	25	32	38	33	39	33	33	34	33	34	34
Total: K-6	312	288	301	316	288	284	295	295	289	287	280	278	276	272	274	276

Total: K-6	312	288	301	316	288	284	295	295	289	287	280	278	276	272	274	276
Change		-24	13	15	-28	-4	11	0	-6	-2	-7	-2	-2	-4	2	2
% Change		-7.7%	4.5%	5.0%	-8.9%	-1.4%	3.9%	0.0%	-2.0%	-0.7%	-2.4%	-0.7%	-0.7%	-1.4%	0.7%	0.7%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This school opened as a newly constructed school in August of 2020. This construction came from the successful \$98.8 million bond passed in 2016. The school also includes a handicapped accessible playground. Since this is a newly constructed building, there are no major projects planned for the next ten years.

Major Construction History:

2020: New Building
2019:
2018: Asbestos Removal—Demo Rebuild
2017:
2016:
2015: Camera Installed, Outside panel replaced.
2014: C-wing east chamber stream line replacement, D-wing restroom project (2), PA system work, Exterior door replacement project.
2013: New domestic hot water boiler project.
2012: Pave teacher parking lot, Asphalt removal and sod project, Installed new boiler.
2011: Extended teacher parking lot.
2010: Replaced steam line on west chamber of C-wing, carpeting.
2009: Rebuild B-wing roof drain, remove old boiler, sand and finish gym floor.
2008: Carpet library, office, lab.
2007: Replace hallway lighting.
2006: Collection system drain/sidewalk, tile r/r, bakery and cooler
2005: Repair sewer lines (B wing).
2004: Resurface primary playground.
2003: Ground water drainage system (B&C wing)
2002: Irrigation sprinkling system
2001: Steam line replacement A wing, Asphalt overlay and playground retrofit,

2016 Bond Related Master Facility Plan Items

Facility plan has total new school replacement
 Phone system

Technology Projection:

Replacement of switches
 Wireless access points— E-Rate—completed
 Camera—completed
 IT Tickets 161 Completed 3 Open—network switches
 E-Rate Program Update
 Bond Impact—see above
 Tech Plan Review Date & Time—meeting completed
 Old computers being replaced.

GFPS Building Technology Plan – 11/5/20

Location: Longfellow Elementary

Building technology goals 2019:

1. Laptops for Teachers
2. Professional for new building

Building technology goals 2020:

1. PD for Prometheans
2. Purchase Chromebook cart and some devices
3. Webcams for Prometheans 2-6

Wireless – move to 5 Ghz

Video Surveillance Expansion– 37-Ext, 32-Int, 8-SPED

Secure Foyer / Raptor Visitor Mgt – Y/Y

External Warning System - Y

Devices: Replacements - \$871.34

- PC – 33
- Laptop – 30 (2)
- Chromebook – 259 (32)
- Chromebook Carts – 9
- Printers - 5
- Projectors – 0
- Smartboards/Ebeams – 0/0
- Promethean Panels - 20
- Doc Cameras – 16

2:1 student to device goal (2-6) – 1.18:1 (231:195) 10 classes

Student Desktop Computers: 26 Total

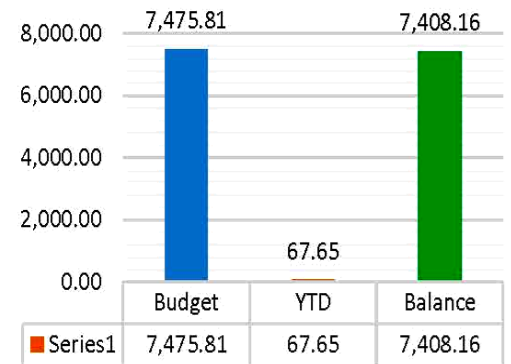
- Computer Lab (26 – M93p-26)

Professional Development – Define how you expect to see technology support your instructional goal. **Promethean support, SeeSaw for specialists, Chromebook device support**

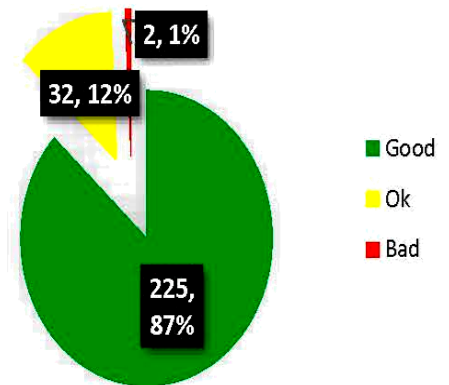
Misc:

Remote Learning – Mobile Devices
Security and Privacy
5 Year Technology Plan

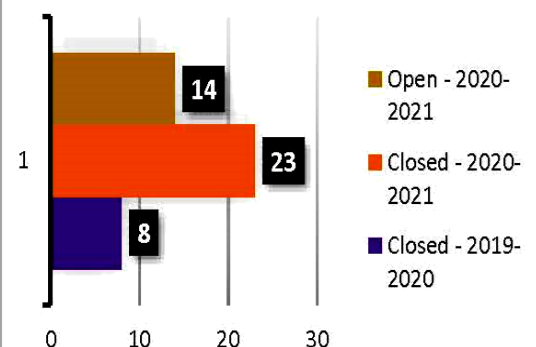
2020-2021 Technology Budget



Computer Analysis



Ticket Count



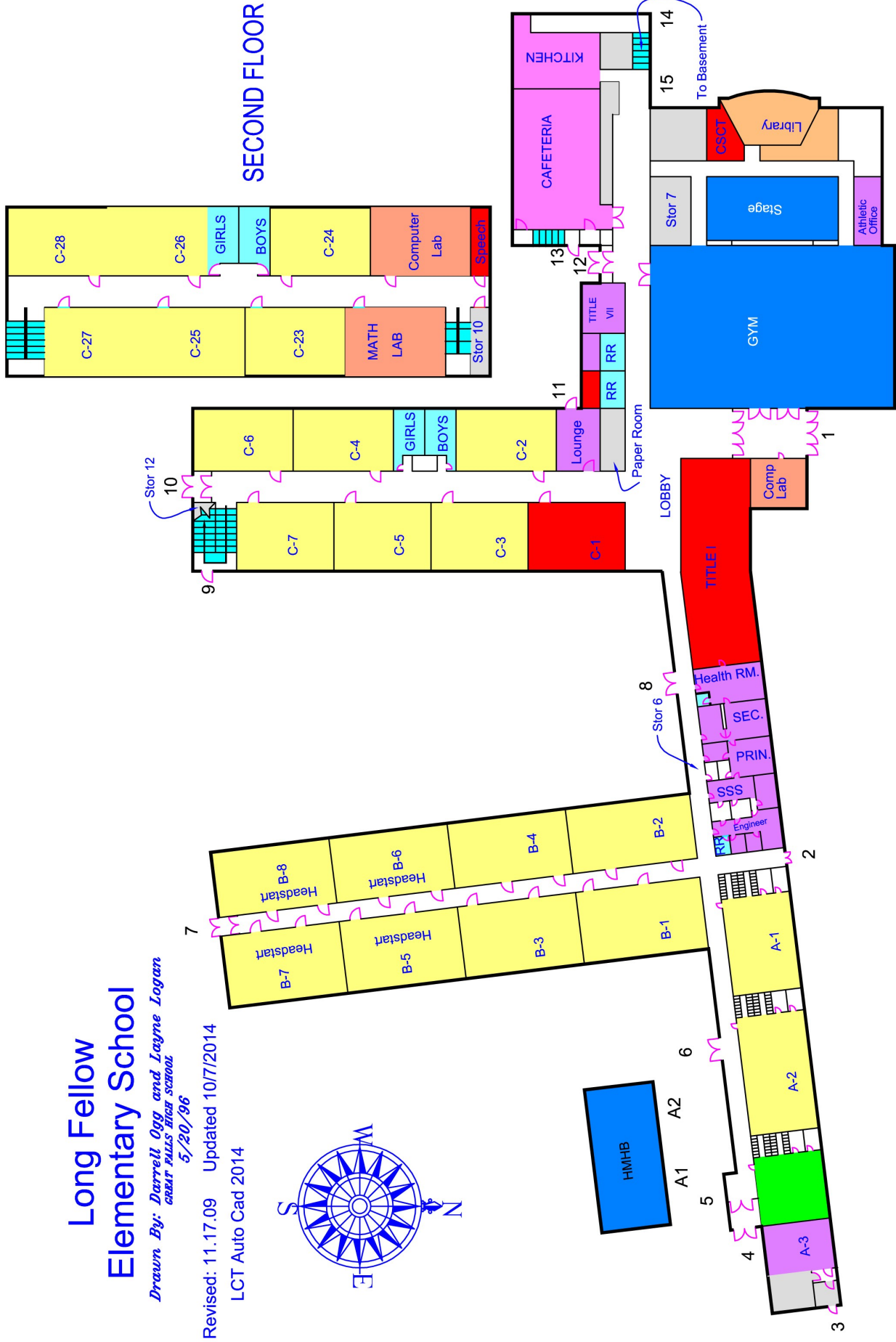
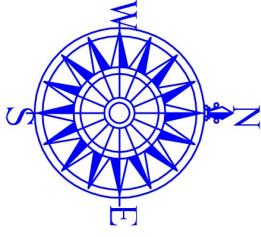
Long Fellow

Drawn By: Darrell Ogg and Layne Logan
GREAT FALLS HIGH SCHOOL

5/20/96

Revised: 11.17.09 Updated 10/7/2014

LCT Auto Cad 2014





Longfellow
Elementary School



Indian Education

6th Ave S

Great Falls Public Schools Long Range Plan

Loy Elementary School

School Information

Address: 501 57th St. N.
Constructed: 1962

Additions:
Lot Size: 20.04 Acres
Classrooms: 26
Sq. Ft: 53,110
Shared Use: HANDS
Oct. Enrollment: 388 (-2)
Accredited Capacity: 654
Overload Max Capacity: 758
Functional Capacity: 458
Breakfast Program: Yes
 Classroom based

Enrollment Projection

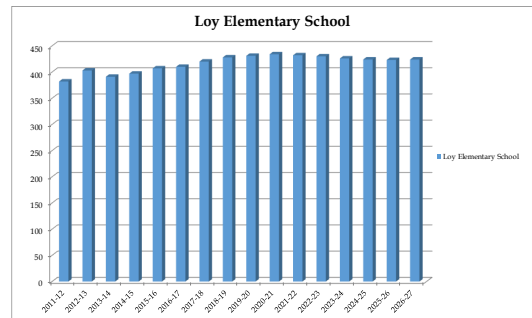
Loy Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	71	74	70	72	71	73	72	72	71	70	70	69	69	68	69	71
1	65	73	70	69	75	69	72	71	71	70	69	69	68	68	67	68
2	61	62	52	64	55	64	63	66	65	65	64	63	63	63	63	62
3	45	50	58	54	60	57	61	60	63	62	62	61	60	60	60	60
4	48	50	52	54	49	55	54	58	57	60	59	59	58	57	57	57
5	48	45	41	48	49	47	52	51	55	54	56	55	55	55	54	54
6	44	49	48	36	48	45	46	50	49	53	52	54	53	53	53	52
Total: K-6	382	403	391	397	407	410	420	428	431	434	432	430	426	424	423	424
Total: K-6	382	403	391	397	407	410	420	428	431	434	432	430	426	424	423	424
Change		21	-12	6	10	3	10	8	3	3	-2	-2	-4	-2	-1	1
% Change		5.5%	-3.0%	1.5%	2.5%	0.7%	2.4%	1.9%	0.7%	0.7%	-0.5%	-0.5%	-0.9%	-0.5%	-0.2%	0.2%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
 Information - Employee Safety Training Videos

Building Information/0 to 2 Year Identified Projects

The 53,110 square foot school was constructed in 1962 and serves as the main elementary school for children from Malmstrom Air Force Base as it abuts Base property. There is a lot of soil expansion on this site which has caused extensive plumbing work needed to be completed under the building.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Cement, Safety, and Windows.

Major Construction History:

2020:

2019:

2018: Fencing, Mechanical Upgrade, Lunchroom ceiling tiles

2017: Parking lot, electrical upgrade

2016: Paved back parking lot, painted school

2013: Kindergarten playground equipment, Added new 5-12 playground equipment, Compactor, Asbestos tile removal & flooring, asphalt work, New natural gas service, meter, pipe bol-

lards, and piping, Heating system work, 2011: Building Marquee

2010: Roof repairs, Flood area grading

2009: C-wing, Ceiling tiles in hallways

2008: Resurface gym floor, Patch, chip & seal North service road, Resurface

North parking lot

2007: Backfill fence area Air Force Gate

2006: White boards

2005: Resurface soccer field

2004: New water main on 57th St

2003: Asphalt playground, playground update, Interior window retrofit

Kitchen Items

2016 Bond Related Master Facility Plan Items

2 Boilers—\$225,582 -Summer 18

Excavation of lines under school covered by gumbo- \$210,000

Parking area/bus route circular drive- \$150,000 Completed Summer 2017

Upgrade electrical - \$40,000 Completed Summer 2017

Total—\$625, 582

Phone system Jan/Feb

Technology Projection:

1. IT Tickets 167 Closed 1 Current ticket open
2. E-Rate Program Update
3. Bond Impact—see above
4. Tech Plan Review Date & Time

GFPS Building Technology Plan – 12/7/20

Location: Loy Elementary

Building technology goals 2019:

1. Remove Lab 16 and move machines to Lab 2 (summer)
2. Replace projectors with Prometheans / Short Throws
3. Milepost PD

Building technology goals 2020:

1. PD for Google Classroom – proficiency (2nd, 3rd, 4th, 5th)
2. PD for SeeSaw
3. Chromebook replacement

Wireless – move to 5 Ghz (Rooms 11, 12)

Video Surveillance Expansion– 15 int, 10 ext, 4 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – Y/Y

External Warning System - N

Devices: Replacements - \$8,545

- PC – 69 (6,45)
- Laptop – 31 (1)
- Chromebook – 320 (32)
- Chromebook Carts – 10
- Printers - 10
- Projectors – 21 (83+-11)
- Smartboards/Ebeams – 1/17
- Promethean Panels - 11
- Doc Cameras – 19

2:1 student to device goal (2-6) –.96:1 (247:256) 12 classes

Student Desktop Computers: 32 Total

- Lab 16(25 –790-25)
- Library (4 - 790-4)
- Classrooms (3 – 745-1, 780-1, 790-1)

Professional Development – Define how you expect to see technology support your instructional goal. Google Classroom

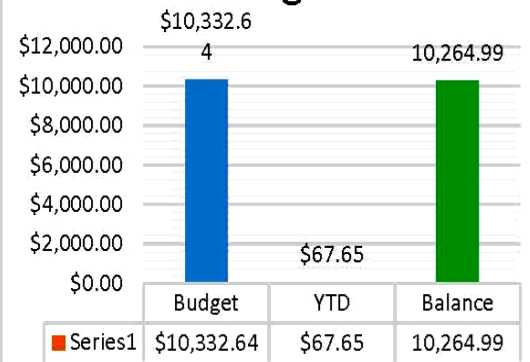
Misc:

Remote Learning – Mobile Devices

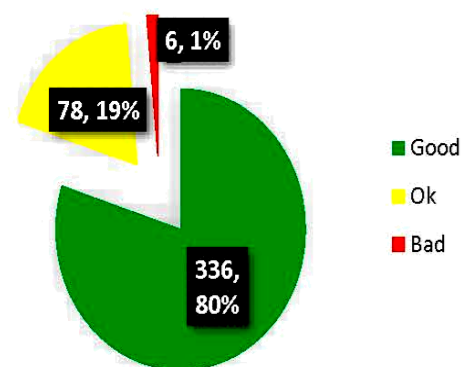
Security and Privacy

5 Year Technology Plan

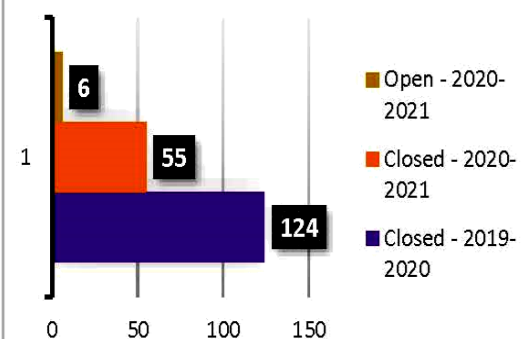
2020-2021 Technology Budget



Computer Analysis



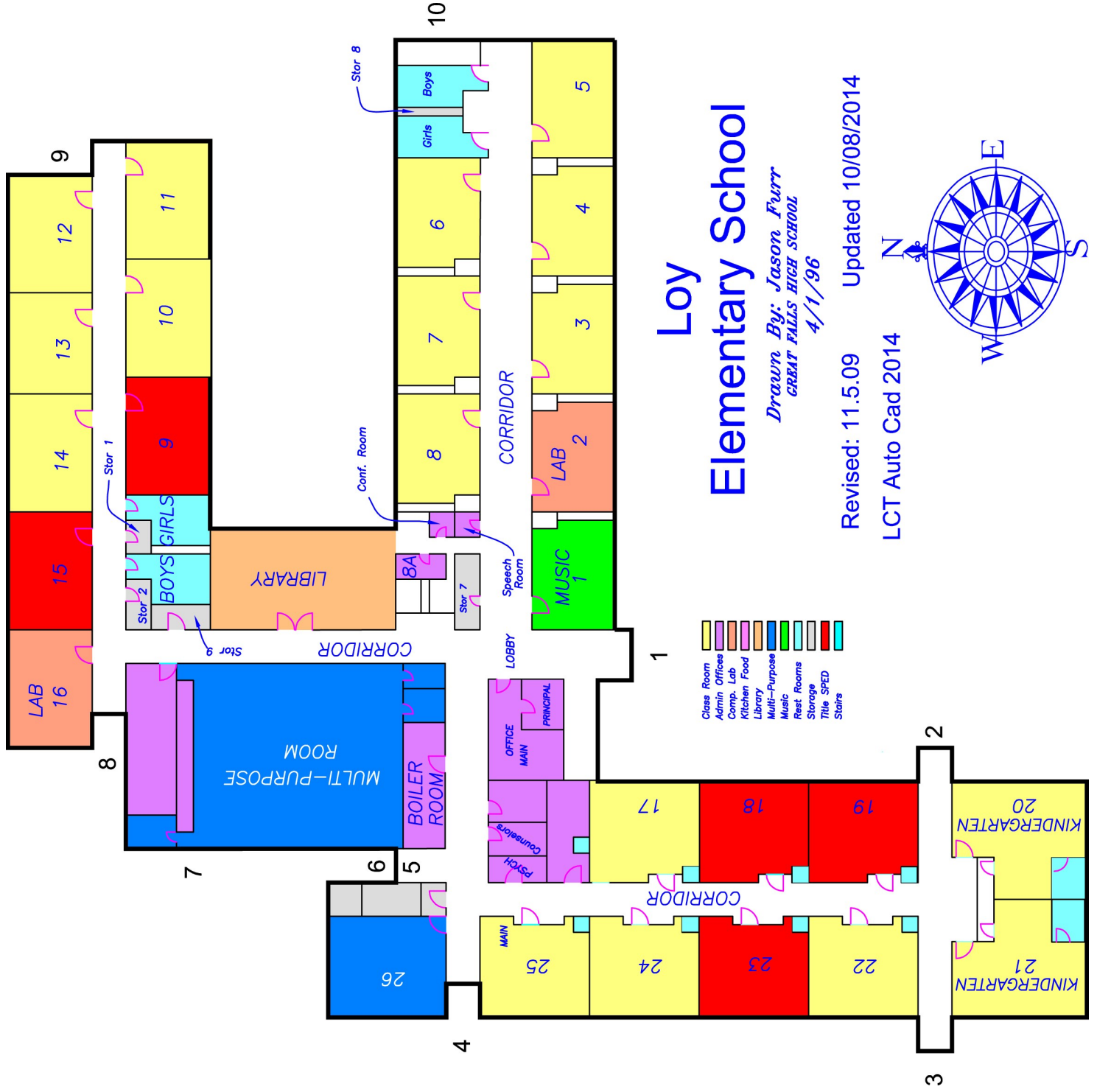
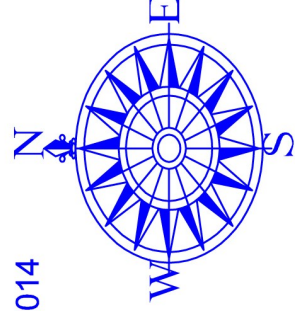
Ticket Count



Loy Elementary School

Drawn By: Jason Furr
GREAT FALLS HIGH SCHOOL
4/1/96

Revised: 11.5.09 Updated 10/08/2014
LCT Auto Cad 2014





Great Falls Public Schools Long Range Plan

Meadowlark Elementary School

School Information

Address: 2204 Fox Farm Rd
Constructed: 1961
Additions: 1990
Lot Size: 9.29 Acres
Classrooms: 26
Sq. Ft: 44,644
Shared Use: HANDS, Heisey, Boy Scouts, Girl Scouts, Boys & Girls Club, Neighborhood Council
Oct. Enrollment: 510 (+27)
Accredited Capacity: 654
Overload Max Capacity: 758
Functional Capacity: 458
Breakfast Program: No

Enrollment Projection

Meadow Lark Elementary School

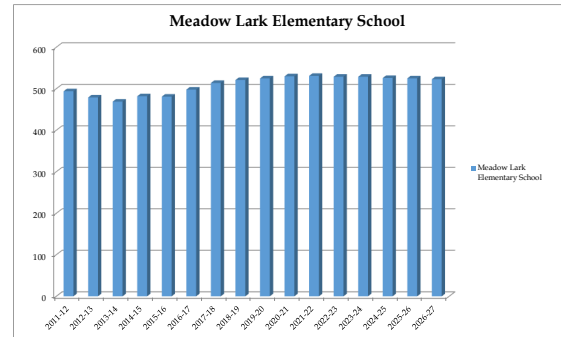
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	59	65	71	72	67	67	72	73	74	76	75	75	74	73	74	75
1	77	59	60	67	68	69	70	71	72	73	73	72	72	71	70	71
2	76	74	60	68	70	71	73	73	74	73	74	74	73	73	72	71
3	72	72	73	65	69	71	72	74	74	75	74	75	75	74	74	73
4	58	72	70	75	72	76	74	75	77	75	77	75	77	77	75	75
5	76	64	71	68	68	74	78	75	77	79	77	79	77	79	79	77
6	76	73	64	67	67	70	75	80	77	79	81	79	81	79	81	81
Total: K-6	494	479	469	482	481	498	514	521	525	530	531	529	529	526	525	523

Total: K-6	494	479	469	482	481	498	514	521	525	530	531	529	529	526	525	523
Change		-15	-10	13	-1	17	16	7	4	5	1	-2	0	-3	-1	-2
% Change		-3.0%	-2.1%	2.8%	-0.2%	3.5%	3.2%	1.4%	0.8%	1.0%	0.2%	-0.4%	0.0%	-0.6%	-0.2%	-0.4%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

*Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
 Information - Employee
 Safety Training Videos

Building Information/0 to 2 Year Identified Projects

This 44,644 square foot school was built in 1961 with an addition being added in 1990. This school maximizes its student numbers with a number of students needing to attend other elementary school due to the capacity of the building. The PTA added a new playground structure in late 2020 and plans are underway to make the playground area handicapped accessible. Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Door Entrance Security, Cement, and Windows.

Major Construction History:

2020:
2019:
2018: Boilers, Phone system
2017: Upper Parking lot
2016: Readerboard sign installed
2015: New doors, faucets replaced, shed, NW Energy Transformer replacement, new gas meter.
2014: Floor polish & seal, door replacement (2 entrances)
2013: ADA sidewalk & entrance work
2012: Mill cracks on playground asphalt
2010: ADA restroom
2009: Replace classroom grilles with solid panels
2008: Running track, whiteboards, resurface faculty parking lot
2007: Replace 14 room countertops, roof drainage project
2006: Vinyl gymnasium flooring
2003: Interior window retrofit
2002: Staff parking lot, west side irrigation sprinklers
2001: Single ply membrane roof
2000: Playground surface and seal

Kitchen Items

Replace/Install baseboards
 Stainless steel counters with hot wells
 Install ventless dishwasher

2016 Bond Related Master Facility Plan Items

Phone System
 Boiler (\$126,675)
 Parking Lot upgrade (\$90,000)
TOTAL: \$216,675

Total—\$1,383,917

Technology Projection:

1. Wireless Access Points Network switches replaced
2. Coverage in classrooms B6 & C6 need improved coverage
3. Main distribution system replaced
4. New phone in lab added
5. Check in district for replacement parts—OPI donation
6. Projector change out—work in as a project—grant?
7. IT Tickets 183 tickets, 6 open tickets
8. E-Rate Program Update—more work + UPS will be added
9. Bond Impact—see above—(Master Facility Plan Items)
10. Check phones in A6 & A8—completed?

GFPS Building Technology Plan – 11/17/20

Location: Meadow Lark Elementary

Building technology goals 2019:

1. Phased in approach to projector replacements
2. Additional Chromebook Cart
3. Coaching opportunities – Stds based, Plan Book, Bold Sc
4. Remove Lab A1 after painting
5. 11 laptops and 5 desktops for Library
6. Best tech team

Building technology goals 2020:

1. Projector/Doc Cam replacements
2. Remote Learning Coaching/PD
3. Secure Foyer – PTA
4. Teacher desktop transition

Wireless – move to 5 Ghz

Video Surveillance Expansion– 18 int, 13 ext, NVR

Secure Foyer / Raptor Visitor Mgt – N/Y

External Warning System - N

Devices: Replacements - \$9,382.70

- PC – 97 (14,56)
- Laptop – 32 (10)
- Chromebook – 393 (46)
- Chromebook Carts - 13
- Printers - 11
- Projectors – 38 (18-83+)
- Smartboards/Ebeams – 6/0
- Promethean Panels - 7
- Doc Cameras – 24

2:1 student to device goal (2-6) – 1.20:1 (379:315) 15 classes

Student Desktop Computers: 63 Total

- BLab(40 – 790-36, 990-4)
- Library (4 – 960-1, 990-3)
- Classrooms (19 – 780-3, 790-16)

Professional Development – Define how you expect to see technology support your instructional goal. IXL, Seesaw, Google Classroom, Google Meet, Promethean

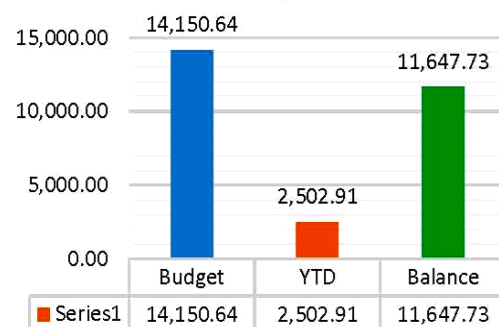
Misc:

Remote Learning – Mobile Devices

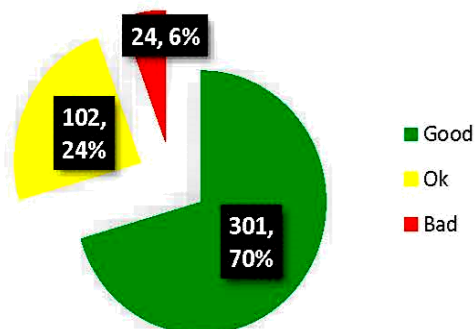
Security and Privacy

5 Year Technology Plan

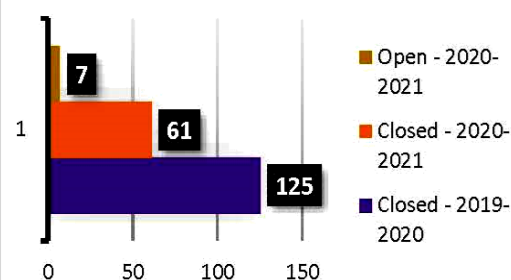
2020-2021 Technology Budget



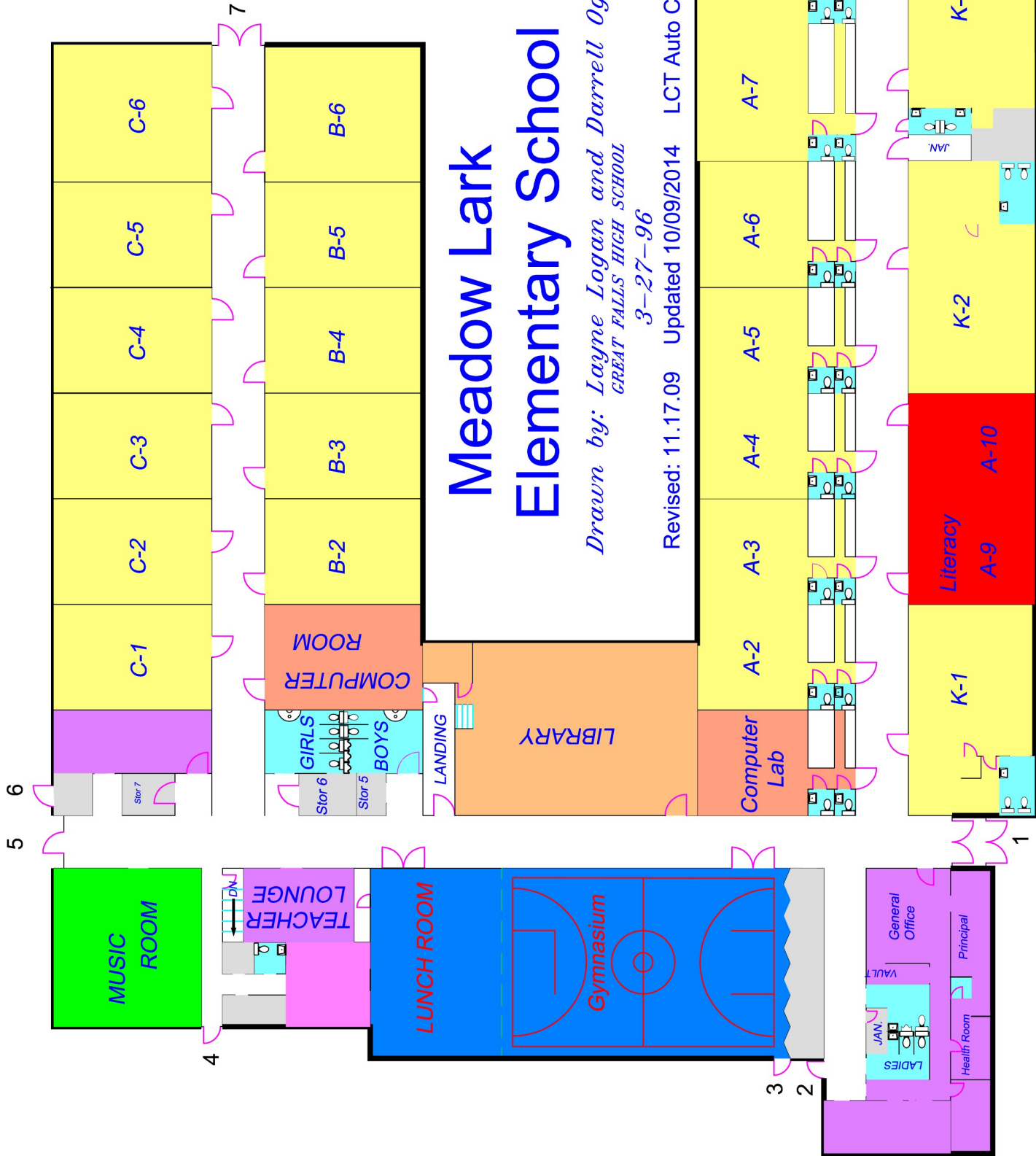
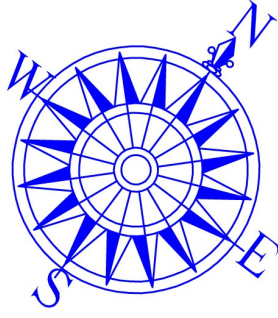
Computer Analysis



Ticket Count



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs



Meadow Lark Elementary School

Drawn by: Layne Logan and Darrell Ogg
 GREAT FALLS' HIGH SCHOOL
 3-27-96

Revised: 11.17.09 Updated 10/09/2014 LCT Auto Cad 2014



Great Falls Public Schools Long Range Plan

Morningside Elementary School

School Information

School Information

Address: 4119 7th Ave N

Constructed: 1961

Additions:

Lot Size: 8.23 Acres

Classrooms: 22

Sq. Ft: 45,594

Shared Use: HANDS, CSCT,
Heisey, Scouts

Oct. Enrollment: 297 (-15)

Accredited Capacity: 503

Overload Max Capacity: 583

Functional Capacity: 353

Breakfast Program: Yes
cafeteria

Enrollment Projection

Morningside Elementary School

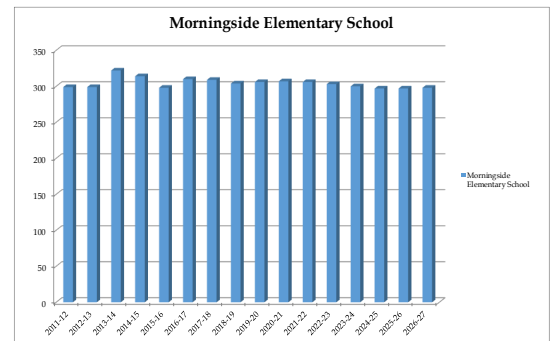
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	52	41	47	44	43	43	44	43	43	44	43	43	42	42	43	44
1	43	54	44	47	44	45	46	46	45	45	45	44	44	43	43	44
2	36	44	52	44	43	45	46	45	45	44	44	44	43	43	42	42
3	51	34	51	47	47	46	46	47	46	46	45	45	45	44	44	43
4	43	50	36	48	49	41	45	45	46	45	45	44	44	44	43	43
5	38	38	51	34	44	45	38	41	41	43	42	42	41	41	42	41
6	36	38	41	50	28	45	44	37	40	40	42	41	41	40	40	41
Total: K-6	299	299	322	314	298	310	309	304	306	307	306	303	300	297	297	298

Total: K-6	299	299	322	314	298	310	309	304	306	307	306	303	300	297	297	298
Change		0	23	-8	-16	12	-1	-5	2	1	-1	-3	-3	-3	0	1
% Change		0.0%	7.7%	-2.5%	-5.1%	4.0%	-0.3%	-1.6%	0.7%	0.3%	-0.3%	-1.0%	-1.0%	-1.0%	0.0%	0.3%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos
- First Aid Kits Checked
- Eye Wash Stations Checked
- Containers Labeled

Building Information/0 to 2 Year Identified Projects

The 45,494 square foot school was built in 1961.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Door entrance security, and Windows.

Major Construction History:

2020: Remodel Storage room

2019: Drain tile installed

2018: Toilet partitions, phone system

2017: Water main, drain tile installed, electrical system upgrade, camera's added

2016: Drain tiles, Air Handling controls, cameras installed

2015: Intercom system, network upgrade, steam traps replaced

2014: Domestic hot water boiler project, Exterior door project, PA system work, Paint school, curb, sidewalks, and approach, Asphalt west side of north playground area, Boiler replacement project

2012: New ramp flooring, Asphalt east side of north playground

2011: Drainage work

2010: Computer lab counters

2009: Cold storage unit built, cabinets in aide's room, landscape curbing in front of school

2008: Asphalt parking lot, Resurface gym floor

2007: SW drain collection

2006: NE groundwater drain, Classroom outlets

2002: Interior window retrofit

2001: Irrigation sprinkling system

Kitchen Items

Stainless Steel Countertop with hot wells for serving, electrical for hot wells

Replace rollup windows-track is rusting/falling apart on smaller window

50 amp outlet for future new oven

Move electrical, new refrigerator

2016 Bond Related Master Facility Plan Items

HVAC Controls- \$126,050

Repair settling walls-\$250,000 Summer 2019

Replace water line- \$100,000

Total—\$516,050

Phone system Start Jan/Feb

Technology Projection:

1. IT Tickets 207 Completed 2 Open
2. E-Rate Program Update—switches will be replaced
3. Bond Impact—see above
4. Tech Plan Review Date & Time—completed

GFPS Building Technology Plan – 12/1/20

Location: Morningside Elementary

Building technology goals 2019:

1. Classroom teachers with laptops
2. Video Surveillance expansion
3. Prometheans for Title Rooms
4. Replace Secretary computer and move to new location
5. Large monitors for announcements/principal office

Building technology goals 2020:

1. Secure Foyer / Raptor Visitor Mgt
2. Lab pc's current
3. Cameras (once decision is made)

Wireless – move to 5 Ghz (A6?)

Video Surveillance Expansion – 5 int, 9 ext, 2 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$4,966.30

- PC – 54 (11, 38)
- Laptop – 25 (1, 2)
- Chromebook – 248 (32)
- Chromebook Carts - 8
- Printers - 8
- Projectors – 18 (83+1)
- Smartboards/Ebeams – 13/0
- Promethean Panels - 7
- Doc Cameras – 16

2:1 student to device goal (2-6) – 1.03:1 (190:184) 10 classes

Student Desktop Computers: 39 Total (14 removed)

- Lab B1(25 - 7010-1, 780-3, 790-21)
- Library(1 – 790-1)
- Classrooms (13 – 7010-1, 780-7, 790-5)

Professional Development – Define how you expect to see technology support your instructional goal. Parent support (video), Promethean

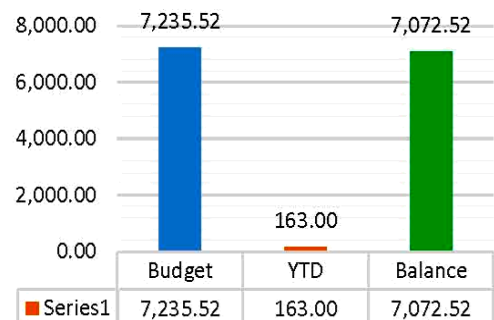
Misc:

Remote Learning – Mobile Devices

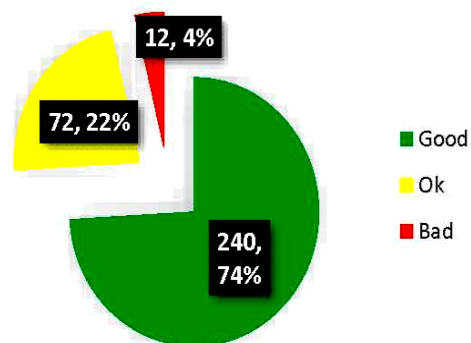
Security and Privacy

5 Year Technology Plan

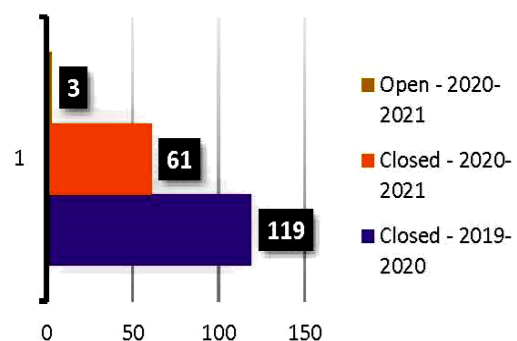
2020-2021 Technology Budget

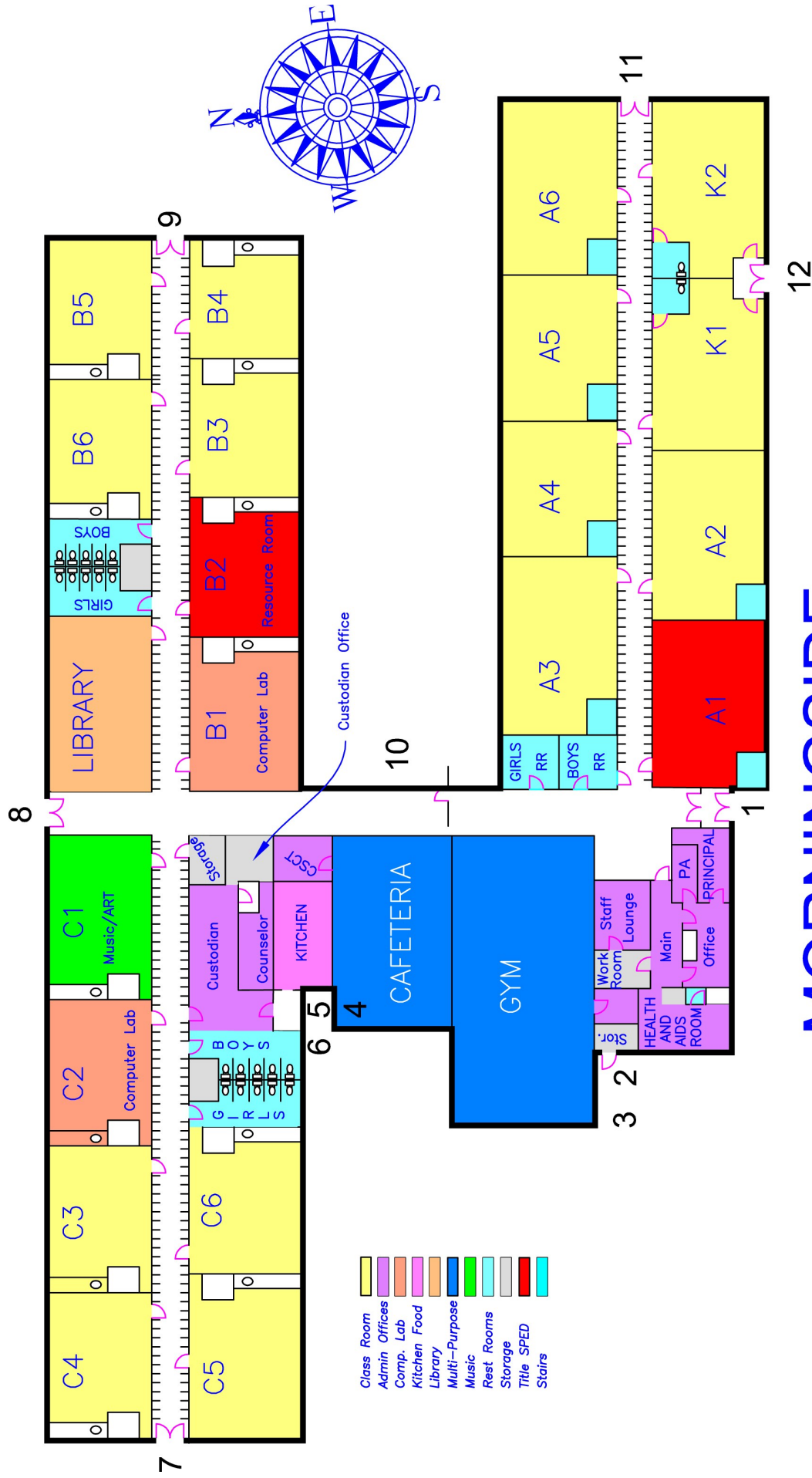


Computer Analysis



Ticket Count





MORNINGSIDE ELEMENTARY SCHOOL

BEN PETZAK
GREAT FALLS HIGH SCHOOL
 Revised: 11.17.09
 Updated 10/11/2014
 LCT Auto Cad 2014
 4/25/96



Great Falls Public Schools Long Range Plan

Mountain View Elementary School

School Information

Address: 3420 15th Ave S.
Constructed: 1969
Additions:
Lot Size: 13.63 Acres
Classrooms: 19
Sq. Ft: 45,393
Shared Use: Hands, CSCT, Heisey, Neighborhood Council meetings
Oct. Enrollment: 306 (-26)
Accredited Capacity: 478
Overload Max Capacity: 554
Functional Capacity: 335
Breakfast Program: Yes in classrooms

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos

- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

-Fire Extinguishers Hung Up

Kitchen Items

Add Stainless steel to two countertops
 Kitchen flooring
 Plug in by serving line—work order
 New warmer & refrigeration

Enrollment Projection

Mountain View Elementary School

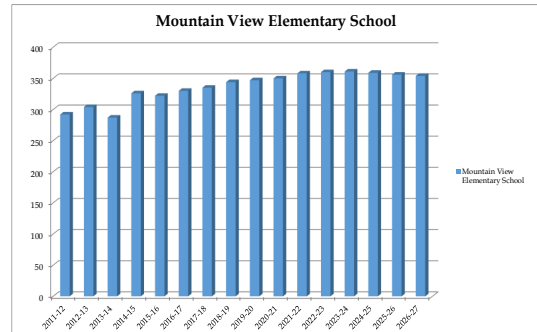
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	46	41	46	48	46	48	48	49	49	49	48	48	47	46	47	48
1	51	45	40	50	42	48	49	50	51	51	50	49	49	48	47	48
2	52	48	35	49	52	45	50	50	51	53	53	52	51	51	50	49
3	45	49	45	38	43	49	43	48	48	50	52	52	51	50	50	49
4	44	41	42	53	43	51	53	46	52	52	54	56	56	55	54	54
5	29	48	36	49	50	43	50	52	45	51	51	53	55	55	54	53
6	25	32	43	39	46	46	42	49	51	44	50	50	52	54	54	53
Total: K-6	292	304	287	326	322	330	335	344	347	350	358	360	361	359	356	354

Total: K-6	292	304	287	326	322	330	335	344	347	350	358	360	361	359	356	354
Change		12	-17	39	-4	8	5	9	3	3	8	2	1	-2	-3	-2
% Change		4.1%	-5.6%	13.6%	-1.2%	2.5%	1.5%	2.7%	0.9%	0.9%	2.3%	0.6%	0.3%	-0.6%	-0.8%	-0.6%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This 45,393 square foot school was built in 1969. It was built as an open school concept and therefore has few walls that separate classrooms. This was an architectural design that was prevalent in the late 1960's. There are some handicapped accessibility issues with this building as people have to go outside to access the gym. A storage room was converted to usable classroom space as a part of the bond work.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Campus safety and Windows.

Major Construction History:

2020:

2019: Kitchen remodel, elevator work
2018: Phone, upper playground black-top, Raptor security system, library bookshelves, teacher storage

2017: Storage area converted to teaching space. Full campus camera system
2016: Replaced two fire hydrants, carpet, bottle filler water fountain, mural on lunchroom wall

2015: Boilers installed, asphalt driveway

2014: New domestic hot water boiler project, PA system work, Purchase 2 boilers (no install), Asphalt work on entrance

2013: Computer lab work, fire alarm system
2010: South ADA restroom, South ADA lift, Safety access/playground/walking track

2008: Computer lab rooftop air, Retrofit building lighting, Reroute access to playground

2007: White boards, Resurface gym floor

2006: Lockers in courtyard, re-carpet entire building

2003: Boiler room storage door

2002: Retrofit playground equipment

2001: Irrigation sprinkling system, Reroute playground traffic, Enclose SW deck storage

2016 Bond Related Master Facility Plan Items

Storage area converted to teaching space

Total—\$175,000

Phone system—summer 2017

Technology Projection:

1. Cameras installed. PTA purchase? Get cost estimate
2. Discussed old computers & refresh schedule
3. IT Tickets **84 Done 1 Open**
4. E-Rate Program Update
5. Bond Impact—see above
6. Tech Plan Review Date & Plan
7. **Wireless coverage will be tweaked for better coverage**

GFPS Building Technology Plan – 12/2/20

Location: Mountain View Elementary

Building technology goals 2019:

1. Lab replacement
2. Library remove/replacement
3. TLC replacement

Building technology goals 2020:

1. Spare laptops for subs
2. PD for K,1 (Prometheans)
3. Remote Learning usage – fidelity checklist

Wireless – move to 5 Ghz

Video Surveillance Expansion – 15 internal, 10 external, 2 SPED

Secure Foyer / Raptor Visitor Mgt – Y/Y

External Warning System - N

Devices: Replacements - \$8,156.78

- PC – 81 (13, 35)
- Laptop – 24
- Chromebook – 283 (32)
- Chromebook Carts - 9
- Printers - 3
- Projectors – 21 (61P-1, 77c-1, 83+-1)
- Smartboards/Ebeams – 0/0
- Promethean Panels - 7
- Doc Cameras – 18

2:1 student to device goal (2-6) .98:1 (215:219) 10 classes

Student Desktop Computers: 57 Total

- CLAB (26 – 7020-26)
- TLC (6 – 780-6)
- LIBR (3 – 790-3)
- Classrooms (22 – 3060-1, 780-5, 790-16)

Professional Development – Define how you expect to see technology support your instructional goal. PE?, SeeSaw Admin, Plan Book, Promethean

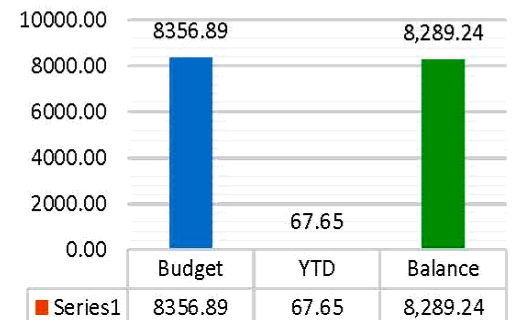
Misc:

Remote Learning – Mobile Devices

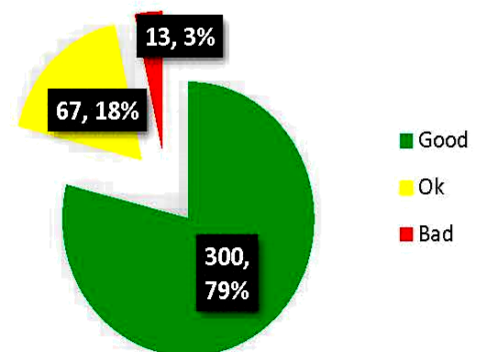
Security and Privacy

5 Year Technology Plan

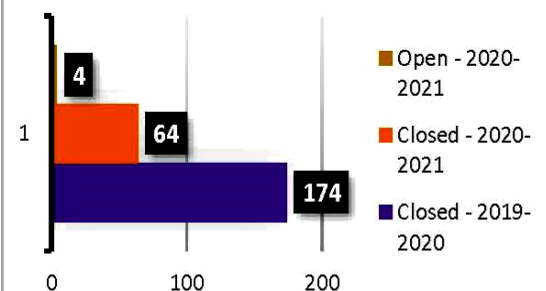
2020-2021 Technology Budget



Computer Analysis



Ticket Count





Updated 10/11/2014



Great Falls Public Schools Long Range Plan

Riverview Elementary School

School Information

Address: 100 Smelter Ave NW

Constructed: 1961

Additions: NA

Lot Size: 9.33 Acres

Classrooms: 21

Sq. Ft: 45,342

Shared Use: HANDS Program,
Heisey, Neighborhood Council,
Cub Scouts

Oct. Enrollment: 462 (+12)

Accredited Capacity: 528

Overload Max Capacity: 612

Functional Capacity: 370

Breakfast Program: No

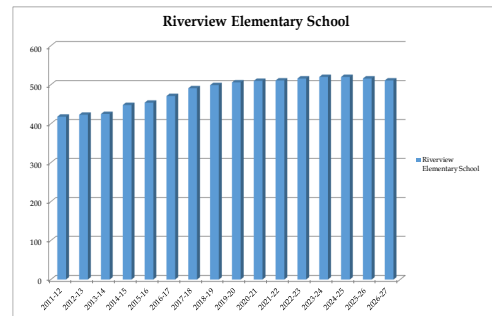
Enrollment Projection

Riverview Elementary School																
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	64	63	66	72	62	68	71	72	73	73	72	71	70	68	68	69
1	62	65	61	67	72	68	71	72	73	74	74	73	72	71	69	69
2	58	58	58	69	62	71	67	68	69	72	73	73	72	71	70	68
3	53	58	61	62	72	71	74	70	71	72	75	76	76	75	74	73
4	57	54	63	61	62	69	72	75	71	72	73	77	78	78	77	75
5	62	62	54	66	59	67	70	73	77	72	73	74	79	80	80	79
6	62	63	62	51	65	57	66	69	72	75	71	72	73	77	78	78
Total K-6	418	423	425	448	454	471	491	499	506	510	511	516	520	520	516	511
Total K-6	418	423	425	448	454	471	491	499	506	510	511	516	520	520	516	511
Change		5	2	23	6	17	20	8	7	4	1	5	4	0	-4	-5
% Change		1.2%	0.5%	5.4%	1.3%	3.7%	4.2%	1.6%	1.4%	0.8%	0.2%	1.0%	0.8%	0.0%	-0.8%	-1.0%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
Information - Employee
Safety Training Videos

Building Information/0 to 2 Year Identified Projects

This 45,342 square foot school was constructed in 1961 and has a student capacity of 370 students. There have been no major additions to this building. The PTA has been raising funds for playground equipment. A thorough study is being conducted in order to meet all the handicapped accessibility requirements mandated for new playgrounds. A re-asphalt of the playground is scheduled for the summer of 2022.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Asphalt, kitchen remodel, computer lab remodel, Door Entrance Security, and Windows.

Kitchen Items

Stainless Steel Countertop
Larger serving window with
roll up door 8'
Re-caulking needed—work order

2016 Bond Related Master Facility Plan Items

Sectional Boilers—\$217,073

HVAC Controls- \$62,526

Phones—**Installation scheduled for week of Feb 11th**

Total—\$279,599

Technology Projection:

1. New video signs will be made for entrances.
2. IT Tickets (**89 Closed since school began**)
3. E-Rate Program Update—more improvements will be made
4. Bond Impact—see above—Phones VOIP
5. Tech Plan Review Date & Time—**held earlier this year**
6. TV's & Projectors in Gym & Cafeteria need installed—waiting for electrical work to be completed.

Major Construction History:

2020:

2019: New boilers & controls, concrete drainage by main entrance, new doors and keys

2018: Phones

2017: ADA Sidewalks by MDT

2016:

2015: Service hallway tiles were replaced, Moved shed and parking spots.

2014: SE concrete slab replacement, compactor, floor polishing and sealant work.

2013: Heating system, ventilation work kitchen/cafeteria.

2012: Paint school

2011: Walking path

2009: Parking lot expansion and asphalt, carpet computer lab, library, break room

2008: Whiteboards, concrete slab replacement.

2007: Carpet 2 rooms, resurface gym floor

2006: Lighting retrofit classrooms A1-A6, build running track, remodel ADA bathrooms

2005: Power assist doors

2004: Interior window retrofit

2002: Resurface playground—check this could be overlay.

2001: Drain water collection system

GFPS Building Technology Plan – 11/30/20

Location: Riverview Elementary

Building technology goals 2019:

1. Promethean panel purchase
2. PD – Promethean, Plan Book, Project Based
3. Lab Downsize

Building technology goals 2020:

1. Promethean panels for classrooms (1)
2. Lab Downsize to 36
3. PD – see below

Wireless – move to 5 Ghz

Video Surveillance Expansion – 13 int, 9 ext, 2 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$1,881.26

- PC – 105 (2,32)
- Laptop – 55
- Chromebook – 315 (33)
- Chromebook Carts – 10
- Laptop Carts - 2
- Printers - 3
- Projectors – 23 (83+-1)
- Smartboards/Ebeams – 20/0
- Promethean Panels - 16
- Doc Cameras – 18

2:1 student to device goal (2-6) – 1.18:1 (314:304) 12 classes

Student Desktop Computers: 70 Total

- CLAB (63 – 3020-4, 7010-33, 790-26)
- Classrooms (7 – 3020-2, 7010-3, 790-2)

Professional Development – Define how you expect to see technology support your instructional goal. **Seesaw, Remote Learning, Promethean, Office 365**

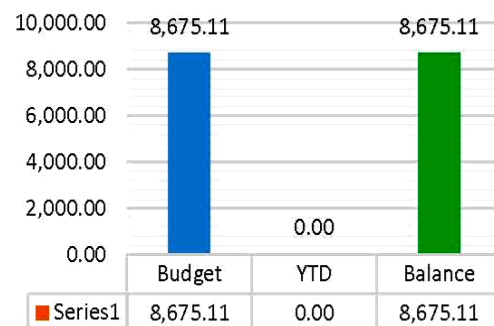
Misc:

Remote Learning – Mobile Devices

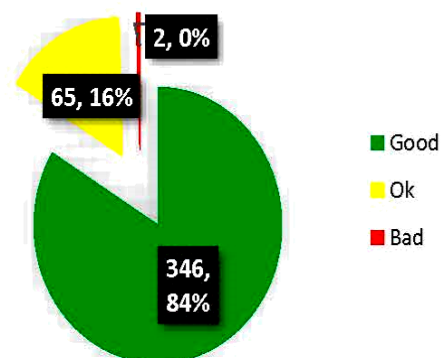
Security and Privacy

5 Year Technology Plan

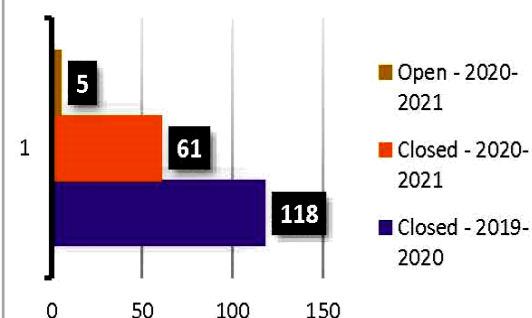
2020-2021 Technology Budget

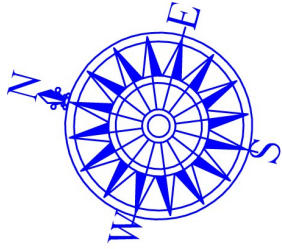


Computer Analysis



Ticket Count



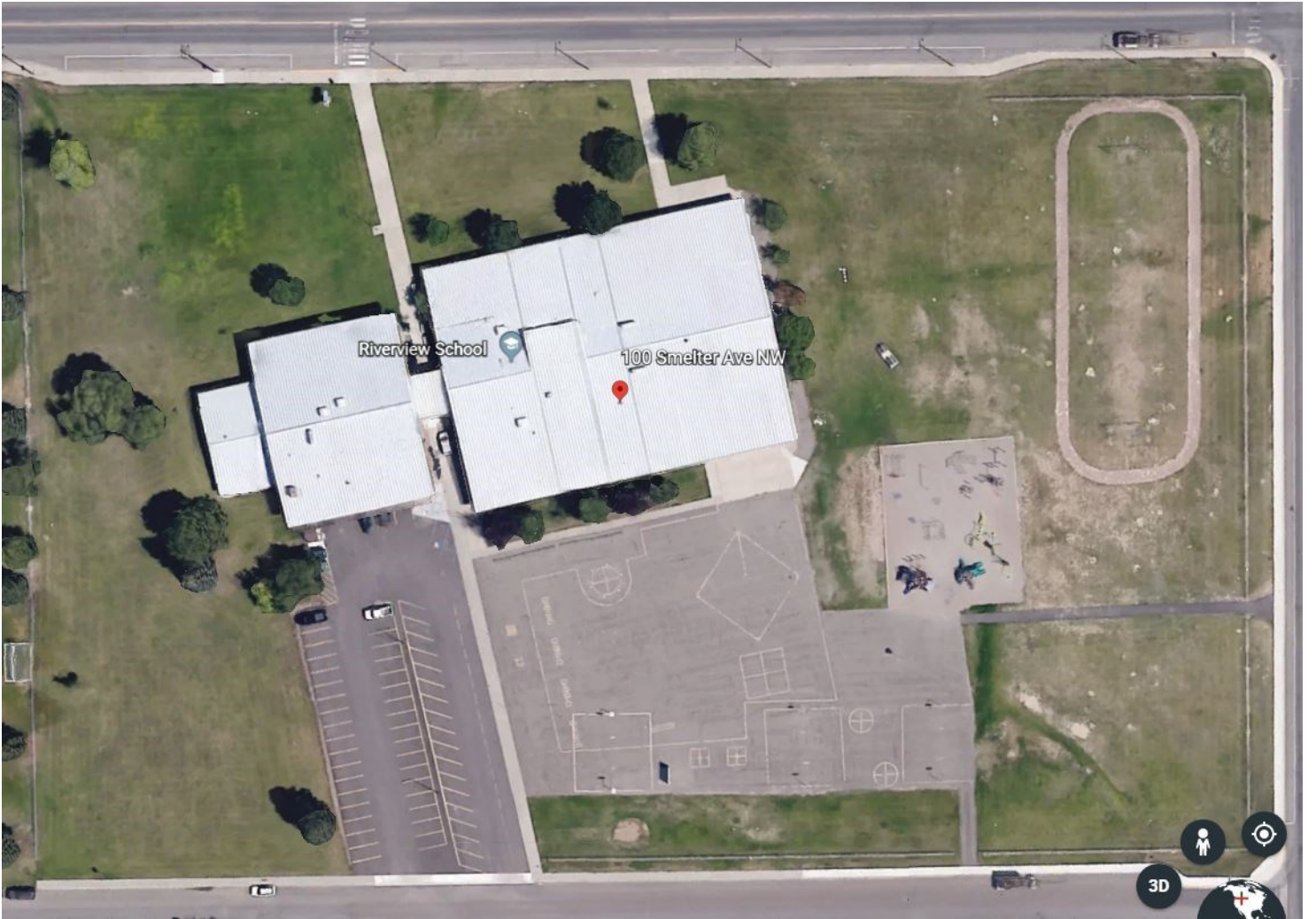


- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs



RiverView Elementary

Tuan N. Vu
 GREAT FALLS HIGH SCHOOL
 02-14-96
 Revised: 9.18.09



Great Falls Public Schools Long Range Plan

Roosevelt Elementary School

School Information

Address: 2501 2nd Ave N

Constructed: 1927

Additions: 1939,1950,1956

Lot Size: 2.57 Acres

Classrooms: 17

Sq. Ft: 33,825

Shared Use: HANDS, Heisey, Girl

Scouts, CSCT, Big Brothers, Big

Sisters

Oct. Enrollment: 312 (-21)

Accredited Capacity: 453

Overload Max Capacity: 525

Functional Capacity: 318

Breakfast Program: Yes
classroom

Enrollment Projection

Roosevelt Elementary School

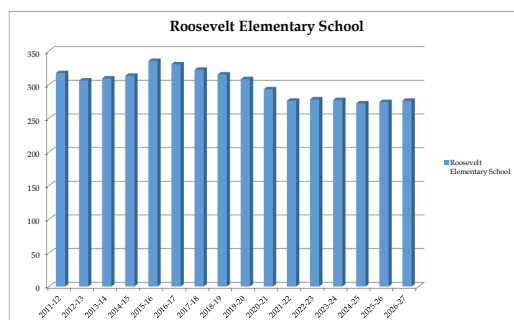
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	41	38	48	49	40	42	38	37	37	36	36	36	36	35	36	36
1	61	46	42	49	50	36	40	40	39	39	38	38	37	37	36	37
2	43	56	50	42	56	57	39	42	42	41	41	40	40	39	39	38
3	47	38	46	53	43	55	37	40	41	40	40	40	39	39	40	40
4	41	42	41	38	48	45	53	53	36	39	40	39	39	38	40	41
5	43	41	46	44	45	47	48	56	56	38	41	42	41	41	40	42
6	41	45	36	38	53	48	49	50	58	59	40	43	45	43	43	42
Total: K-6	317	306	309	313	335	330	322	315	308	293	276	278	277	272	274	276

Total: K-6	317	306	309	313	335	330	322	315	308	293	276	278	277	272	274	276
Change		-11	3	4	22	-5	-8	-7	-7	-15	-17	2	-1	-5	2	2
% Change		-3.5%	1.0%	1.3%	7.0%	-1.5%	-2.4%	-2.2%	-2.2%	-4.9%	-5.8%	0.7%	-0.4%	-1.8%	0.7%	0.7%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

*Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos
- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

- Fire Extinguishers Hung Up
- Breaker Boxes Clear
- Outlet Strips
- Storage Strips

Kitchen Items

Complete remodel
Serving line okay to move to another school. Will breakfast program racks move to Giant Springs?

Building Information/0 to 2 Year Identified Projects

Constructed in 1927, this building is one of the older buildings in the District. Students from this school now attend the newly constructed (2019) Giant Springs Elementary School. During the 2020-21 school year, this building housed the Remote Learning Center. Due to the COVID outbreak and the large amount of students who selected remote learning, this building was an excellent resource for the District as it was used as a convenient location for staff. The District will need to study the possibility of selling this property due to its high maintenance and lack of functional use after the 2021 school year.

Major Construction History:

2020:

2017:

2016:

2015: Playground equipment installed

2014: Flooring work

2013: Flooring work, Structural work, plumbing, Office relocation

2012: Flooring work

2009: RE-carpet library, whiteboards

2008: Resurface parking lot

2007: Parapet flashing & ceiling leaks

2006: Building assessment

2005: Retrofit bathroom fixtures

2004: Asphalt playground

2002: Irrigation sprinkling system, Replace roofing, single ply membrane

2001: Parking lot, Cold storage shed

2016 Bond Related Master Facility Plan Items

Total- \$0

Scheduled for new building

Phone system –training for Longfellow staff who may use the building

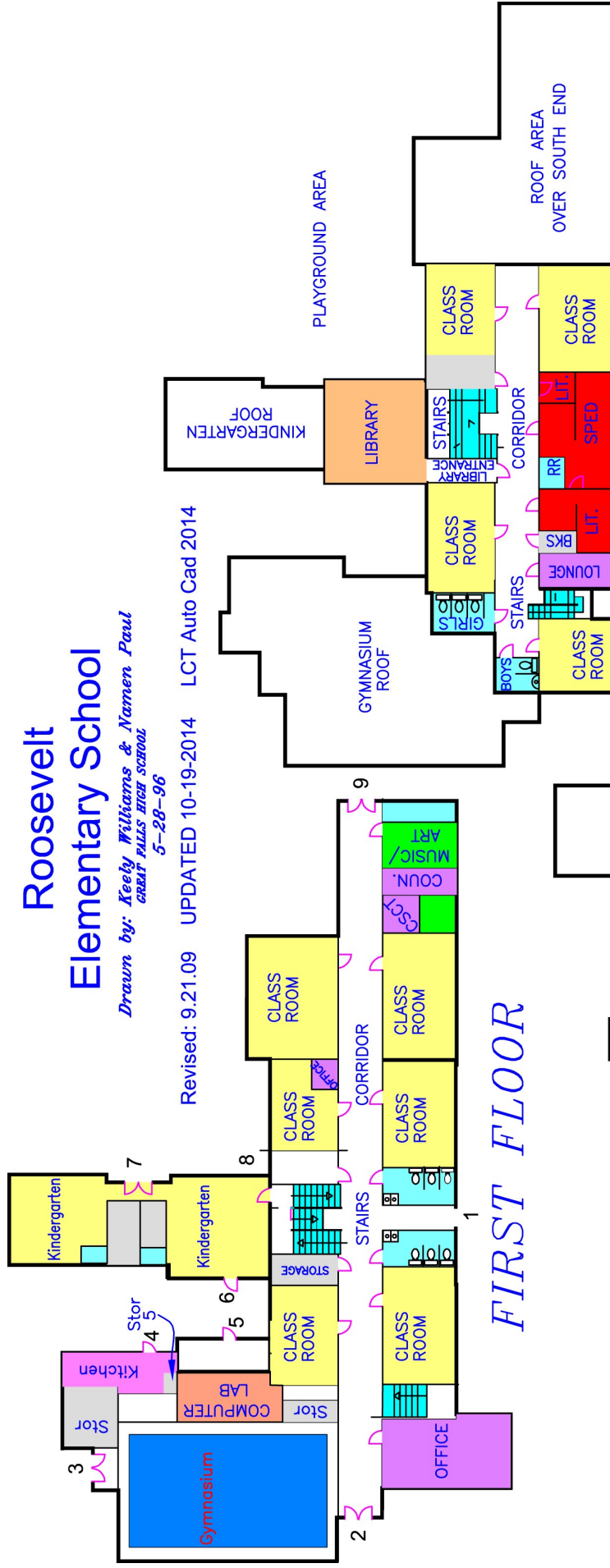
Technology Projection:

1. IT Tickets 273 Tickets closed 2 tickets open
2. E-Rate Program Update
3. Bond Impact
4. Tech Plan Review Date & Time –meeting was held in September. School is receiving a Chromebook cart. Planning on working on Wireless Access Points (WAPS). New phone system installation was discussed.

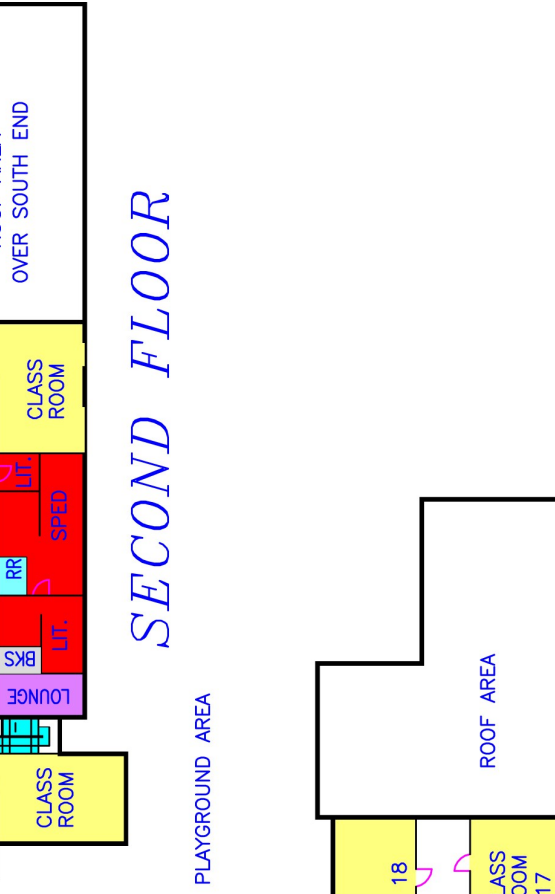
Roosevelt Elementary School

Drawn by: *Keely Williams & Namen Paul*
CREAT FALLS HIGH SCHOOL
 5-28-96

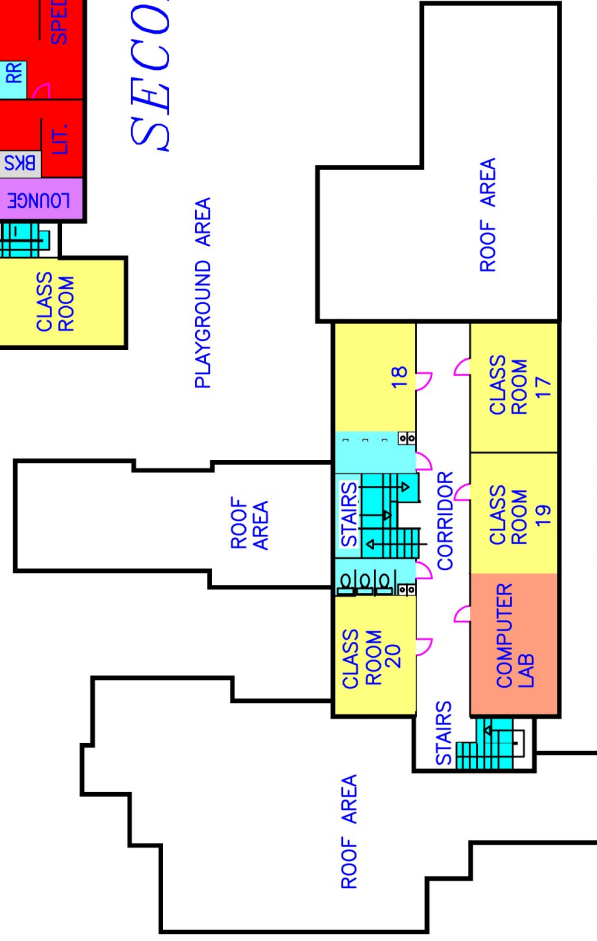
Revised: 9.21.09 UPDATED 10-19-2014 LCT Auto Cad 2014



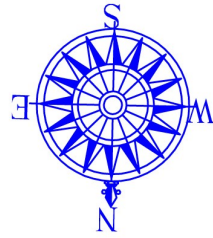
SECOND FLOOR



THIRD FLOOR



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs





Great Falls Public Schools Long Range Plan

Sacajawea Elementary School

School Information

Address: 630 Sacajawea Dr.
Constructed: 1963
Additions: NA
Lot Size: 9.3 Acres
Classrooms: 20
Sq. Ft: 43,676
Shared Use: HANDS, CSCT Program, Girl Scouts, Cub Scouts
Oct. Enrollment: 457 (+7)
Accredited Capacity: 528
Overload Max Capacity: 612
Functional Capacity: 370
Breakfast Program: NO

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos

- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

Kitchen Items

Clean hood over dishwasher
 Open west wall- install roll up door- LR
 Remove counter- rolling serving lines with hot wells- LR

Enrollment Projection

Sacajawea Elementary School

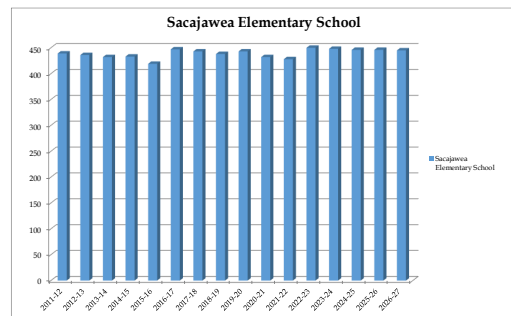
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	62	62	58	56	37	58	57	58	59	59	58	57	56	56	57	58
1	65	64	65	71	59	40	61	62	63	64	63	62	61	60	60	61
2	56	65	63	57	68	65	41	60	61	62	63	62	61	60	61	61
3	60	55	66	69	57	76	68	43	63	63	64	66	64	63	62	63
4	67	60	55	66	71	62	78	69	44	64	64	65	67	65	64	63
5	59	66	56	56	70	72	63	80	70	46	67	67	68	70	68	67
6	70	64	69	58	57	74	75	66	83	74	49	71	71	72	74	72
Total: K-6	439	436	432	433	419	447	443	438	443	432	428	450	448	446	446	445

Total: K-6	439	436	432	433	419	447	443	438	443	432	428	450	448	446	446	445
Change		-3	-4	1	-14	28	-4	-5	5	-11	-4	22	-2	-2	0	-1
% Change		-0.7%	-0.9%	0.2%	-3.2%	6.7%	-0.9%	-1.1%	1.1%	-2.5%	-0.9%	5.1%	-0.4%	-0.4%	0.0%	-0.2%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This 43,676 square foot school was constructed in 1963. It has a rated capacity of 370 students.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Cement work, remodel office area, Entrance Security, water/irrigation, and Windows.

Major Construction History:

2020:
2019: New boilers installed
2018: Phone system replaced, Main Door camera, painting
2017:
2016:
2015: Front Doors replaced, Bus loop created, Office line of sight corrected, cameras added
2014: Compactor, flooring work
2013: Computer lab work, Air cond. Project
2012: Pneumatic system work
2010: Drain and downspout work
2009: Restroom vinyl project, replace stairs by flagpole, ice guards on roof, re-surface playground, fencing work, concrete edging on parking lot
2008: Redesign parking lot and asphalt
2006: Resurface gym floor
2003: Replace PA system
2002: Interior window retrofit
2001: Playground retrofit and asphalt
2000: Irrigation sprinkling system
1999: Repair flagpole sidewalk

2016 Bond Related Master Facility Plan Items

2 Boilers—\$217,073

Total—\$217,073

Phone system

Technology Projection:

1. IT Tickets 127 Closed 1 Open
2. E-Rate Program Update
3. Bond Impact
4. Tech Plan Review Date & Time

GFPS Building Technology Plan – 11/12/20

Location: Sacajawea Elementary

Building technology goals 2019:

1. Intentional planning on technology objectives
2. Remove red computers in lab and library. Replace in B10 and A4 and gym laptop.
3. Add a few cameras
4. Promethean panels – K,1 then the rest of the building

Building technology goals 2020:

1. Promethean panels – rest of the building / PD
2. Secure Foyer / Raptor - PTA
3. Move good teacher computers to lab

Wireless – move to 5 Ghz

Video Surveillance Expansion– 21 internal, 14 external, 2 NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$581.63

- PC – 79 (62)
- Laptop – 5
- Chromebook –348 (32)
- Chromebook Carts - 11
- Printers - 4
- Projectors – 20 (53c-1)
- Smartboards/Ebeams – 20/0
- Promethean Panels - 11
- Doc Cameras – 19

2:1 student to device goal (2-6) –.95:1 (271:284) 12 classes

Student Desktop Computers: 57 Total

- Lab 8(10 –790-7, 7010-3)
- Lab C8(30 – 790-28, 7010-2)
- Library (10 - 790-10)
- Classrooms (7 - 790-4, 7010-1, 7020-2)

Professional Development – Define how you expect to see technology support your instructional goal. **Prometheans, IXL**

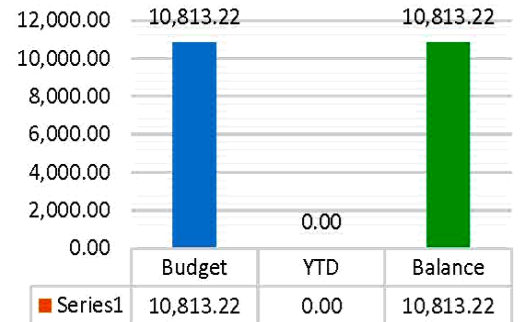
Misc:

Remote Learning – Mobile Devices

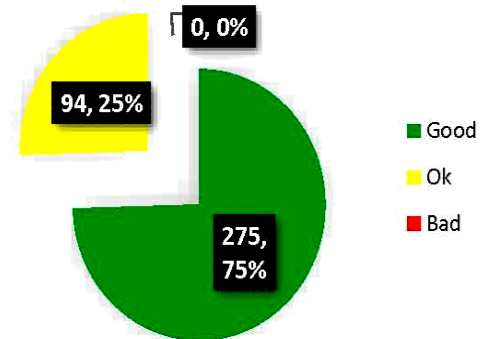
Security and Privacy

5 Year Technology Plan

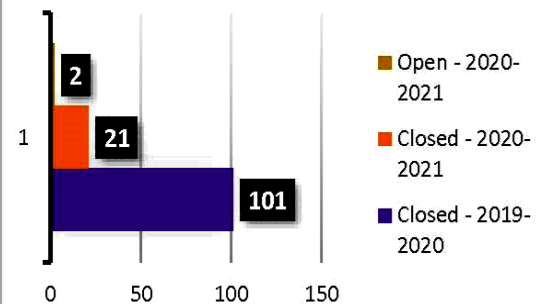
2020-2021 Technology Budget



Computer Analysis



Ticket Count





SACAJAWEA ELEMENTARY SCHOOL

JENNIFER TUTEN
GREAT FALLS HIGH SCHOOL
1/4/96



Great Falls Public Schools Long Range Plan

Sunnyside Elementary School

School Information

School Information

Address: 1800 19th St S

Constructed: 1961

Additions:

Lot Size: 7.22 Acres

Classrooms: 22

Sq. Ft: 44,166

Shared Use: HANDS, CSCT, Neighborhood Council, Neighborhood Watch, Heisey, Girl Scouts, Boy Scouts, Veterans of Foreign Wars

Oct. Enrollment: 451 (-4)

Accredited Capacity: 554

Overload Max Capacity: 642

Functional Capacity: 388

Breakfast Program: Yes (Cafeteria based)

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD
Information - Employee
Safety Training Videos

Kitchen Items

Install a roll up door in the window area for security (Bond)
Expand service window to the original size
Dishwasher being installed

Enrollment Projection

Sunnyside Elementary School

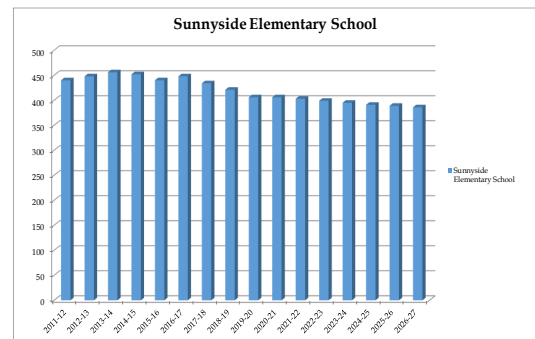
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	63	72	64	67	64	62	63	62	62	61	60	59	58	57	58	57
1	81	55	76	63	66	63	62	62	61	61	60	59	58	57	56	57
2	66	78	57	73	55	59	59	57	57	57	57	56	55	55	55	54
3	61	68	78	55	70	57	58	58	56	56	56	56	55	54	54	54
4	55	58	62	74	61	68	55	56	56	55	55	55	55	54	53	53
5	63	52	61	65	68	67	69	56	57	57	56	56	56	56	55	54
6	51	65	58	55	56	72	68	70	57	59	59	58	58	58	58	57
Total: K-6	440	448	456	452	440	448	434	421	406	406	403	399	395	391	389	386

Total: K-6	440	448	456	452	440	448	434	421	406	406	403	399	395	391	389	386
Change		8	8	-4	-12	8	-14	-13	-15	0	-3	-4	-4	-4	-2	-3
% Change		1.8%	1.8%	-0.9%	-2.7%	1.8%	-3.1%	-3.0%	-3.6%	0.0%	-0.7%	-1.0%	-1.0%	-1.0%	-0.5%	-0.8%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

Constructed in 1961, this 44,176 square foot school has a rated capacity of 388 students.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Door Entrance Security, Windows, and Gutter work.

Major Construction History:

2020: Shed, restroom stalls

2019:

2018: Phone, sidewalks, partial fence, kitchen window

2017: New boilers, electrical upgrade

2016: Library & lounge carpet replaced, doors replaced

2015: Compactor installed

2014: Kitchen plumbing work, repair damaged wall & complete art room construction

2013: Music room connection

2009: Library loft, classroom countertops

2008: Drop off ;pp[extension, resurface parking lot

2007: Resurface gym floor

2006: Whiteboards

2005: Hallway lighting, hallway air circulation

2004: Asphalt playground surface

2003: Exterior building siding

2002: Cold storage shed, retrofit playground, interior window

2016 Bond Related Master Facility Plan Items

2 Boilers—This summer.

Upgrade electrical for computer lab

Phone System

Technology Projection:

1. IT Tickets 143 Completed 2 Open
2. E-Rate Program Update—UPS installation—office operational
3. Bond Impact—See above
4. Tech Plan Review Date & Time
5. Projectors ordered—replacement timeline discussed

GFPS Building Technology Plan – 11/17/20

Location: Sunnyside Elementary

Building technology goals 2019:

1. Downsize lab to 49 – 8 to A2, A6, B1, Engineer, K2
2. 21 teacher computers
3. Chromebook cart (12)
4. **Lab Shorthrow**

Building technology goals 2020:

1. **1:1 Chromebook**
2. **Prometheans/Short Throw as projector replacement**
- 3.

Wireless – move to 5 Ghz

Video Surveillance Expansion – 10 int, 11 ext, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$1,957.93

- PC – 94 (1, 64)
- Laptop – 34 (1)
- Chromebook – 298 (40)
- Chromebook Carts - 11
- Printers - 5
- Projectors – 24 (83+-1, VS230-1)
- Smartboards/Ebeams – 11/5
- Promethean Panels - 7
- Doc Cameras – 22

2:1 student to device goal (2-6) – 1.15:1 (260:226) 13 classes

Student Desktop Computers: 61 Total

- Lab CLAB (52 - 780-1, 790-46, 7010-1, 7020-4)
- Library (3 – 7020-3)
- Classrooms (6 - 790-6)

Professional Development – Define how you expect to see technology support your instructional goal. **Google Classroom, Seesaw, IXL, Promethean**

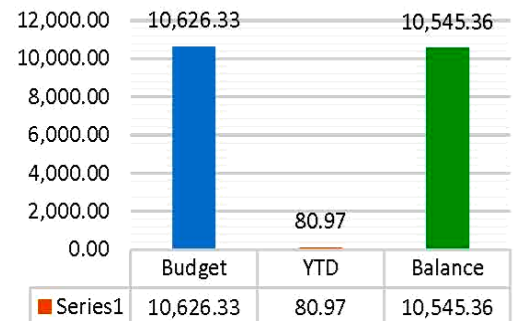
Misc:

Remote Learning – Mobile Devices

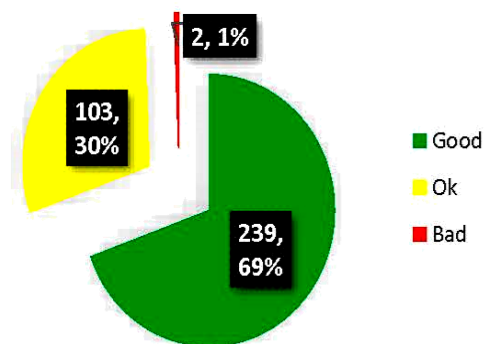
Security and Privacy

5 Year Technology Plan

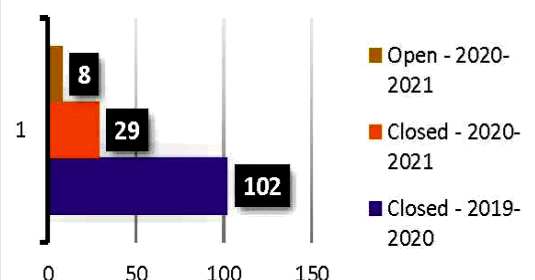
2020-2021 Technology Budget

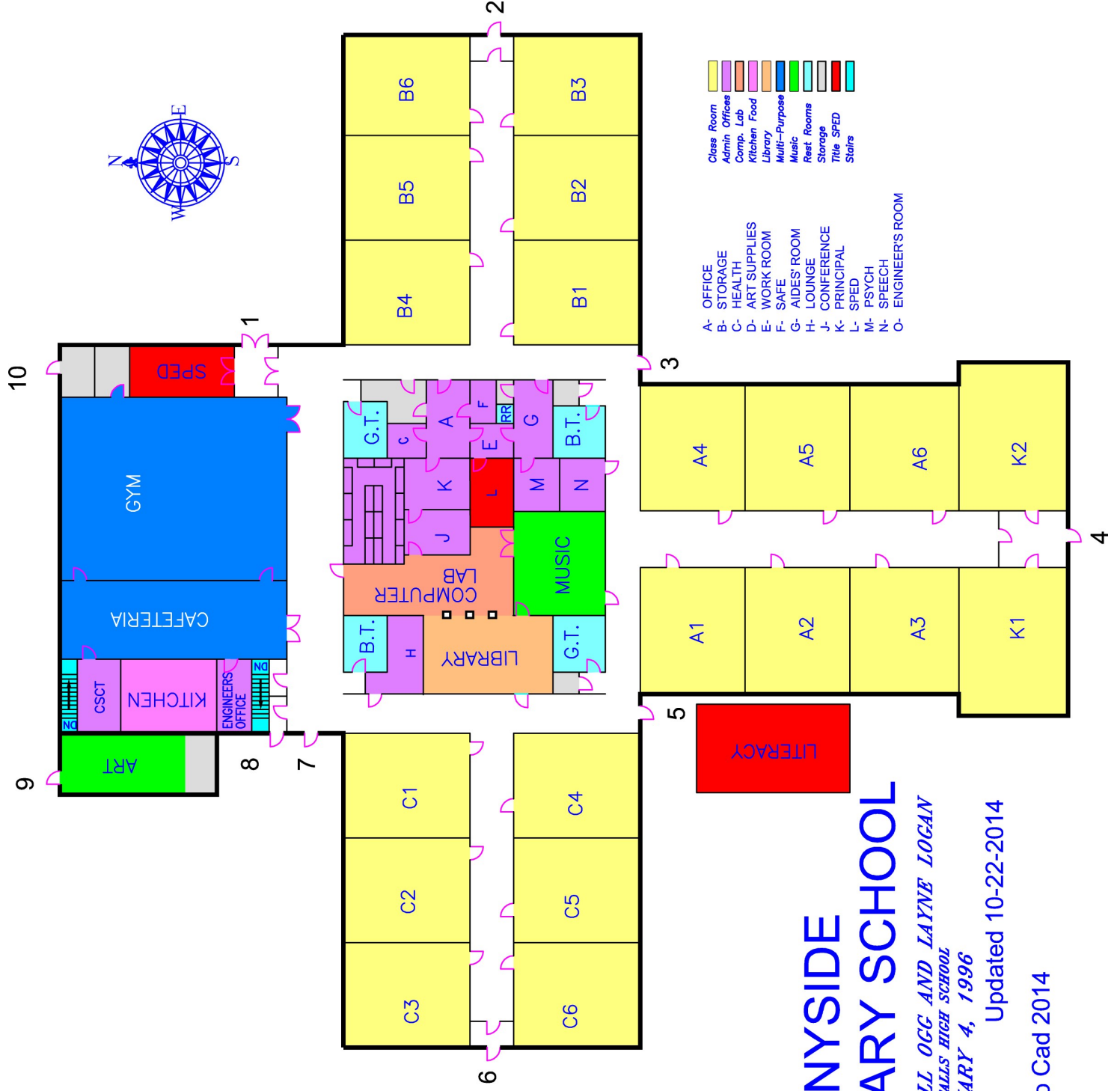


Computer Analysis



Ticket Count





SUNNYSIDE ELEMENTARY SCHOOL

*DRAWN BY: DARRELL OGG AND LAYNE LOGAN
GREAT FALLS HIGH SCHOOL
JANUARY 4, 1996*

Revised: 9.23.09 Updated 10-22-2014

LCT Auto Cad 2014



Sunnyside
Elementary School

Great Falls Public Schools Long Range Plan

Valley View Elementary School

School Information

Address: 900 Avenue A NW
Constructed: 1961

Additions: 1966
Lot Size: 8.60 Acres

Classrooms: 21

Sq. Ft: 43,503

Shared Use: Hands Program

Oct. Enrollment: 385

Accredited Capacity: 528

Overload Max Capacity: 612

Functional Capacity: 364 (-6)

Breakfast Program: Yes—
in classrooms

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos
- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

-Fire Extinguishers Hung Up

-Breaker Boxes Clear

-Outlet Strips

-Storage Strips

Safety Guards and Face Shields

-First Aid Kits Checked

-Eye Wash Stations Checked

-Containers Labeled

-Chemical Inventory Lists-SDS

-Refrigerators - "Food" or "No Food"

Kitchen Items

Clean hood system—Maintenance schedule will be established.

Stainless Steel countertop and shelving needs to be added.

Enrollment Projection

Valley View Elementary School

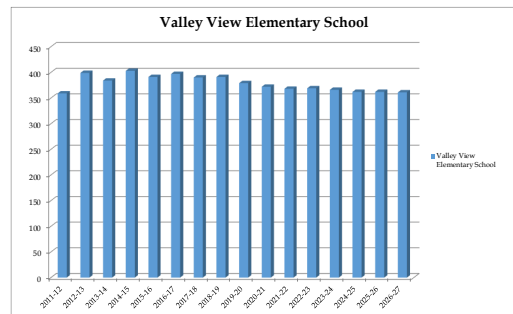
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	65	66	58	55	44	50	51	50	50	49	49	48	48	47	48	47
1	60	69	59	58	56	48	53	53	52	52	51	51	50	50	49	50
2	48	64	59	66	56	56	50	54	54	53	53	52	52	51	52	51
3	43	55	60	62	61	60	57	51	55	55	54	54	53	53	53	54
4	48	46	55	60	58	67	61	58	52	56	56	55	55	54	54	54
5	50	50	44	59	60	53	66	60	57	51	55	55	54	54	53	53
6	45	49	49	43	56	63	52	65	59	56	50	54	54	53	53	52
Total: K-6	359	399	384	403	391	397	390	391	379	372	368	369	366	362	362	361

Total: K-6	359	399	384	403	391	397	390	391	379	372	368	369	366	362	362	361
Change		40	-15	19	-12	6	-7	1	-12	-7	-4	1	-3	-4	0	-1
% Change		11.1%	-3.8%	4.9%	-3.0%	1.5%	-1.8%	0.3%	-3.1%	-1.8%	-1.1%	0.3%	-0.8%	-1.1%	0.0%	-0.3%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

Constructed in 1961, this 43,503 square foot school has a rated capacity of 370 students.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Asphalt, Cement work, HVAC, Door Entrance Security, and Windows.

Major Construction History:

2020: Drainage-west side, asphalt playground-partial

2019: Intercom

2018: Back stairs replaced

2017: 2 Boilers Installed, Phone system

2016:

2015: Asbestos tile removal and replacement, PA system work, floor abatement and tile replacement A-wing, combustion air dampers

2013: Replace front entry doors

2012: Exterior door replacement, New storage cabinetry

2011: Ground stabilizing near track

2010: Paint exterior, Exterior door and sidewalk at W. hallway entrance, paved parking lot

2009: Carpet library and office, re-designed front parking lot, replace 3 sets of exterior doors

2008: Sand and seal gym

2007: parking lot reroute and fill

2016 Bond Related Master Facility Plan Items

2 Boilers—\$225,000—completed summer 2017

Phone system—begin around Christmas

Total—\$225,000 Plus phone costs

Technology Projection:

1. IT Tickets **324** completed **3** Open (IPADS)
2. Bond Impact (see above)
3. Tech Plan Review Date & Time—Done

GFPS Building Technology Plan – 12/9/20

Location: Valley View Elementary

Building technology goals 2019:

1. IXL implementation
2. Planbook implementation
3. Promethean training
4. Replace 990 in B7, Library 780
5. non-iPad Airs removed?

Building technology goals 2020:

1. PD for IXL
2. Framework implemented into Planbook
3. Promethean training
4. Device walkthrough

Wireless – move to 5 Ghz

Video Surveillance Expansion – 9 int, 7 ext, 2 SPED, NVR (**outside exit 2**)

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$3,264.94

- PC – 69 (1, 28)
- Laptop – 25 (4, 3)
- Chromebook – 312 (64)
- iPad – 64 (64)
- Chromebook Carts - 10
- Printers - 4
- Projectors – 24 (83+-2)
- Smartboards/Ebeams – 6/0
- Promethean Panels - 6
- Doc Cameras – 16

2:1 student to device goal (2-6) 1.03:1 (222:216) 10 classes

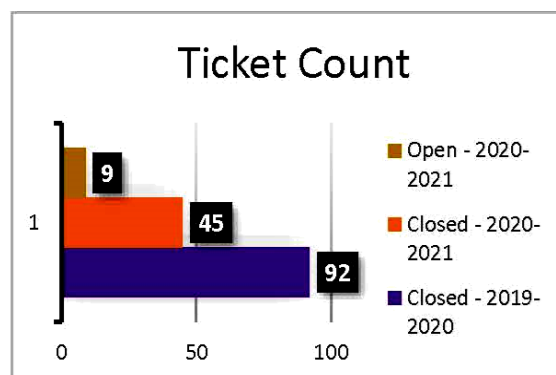
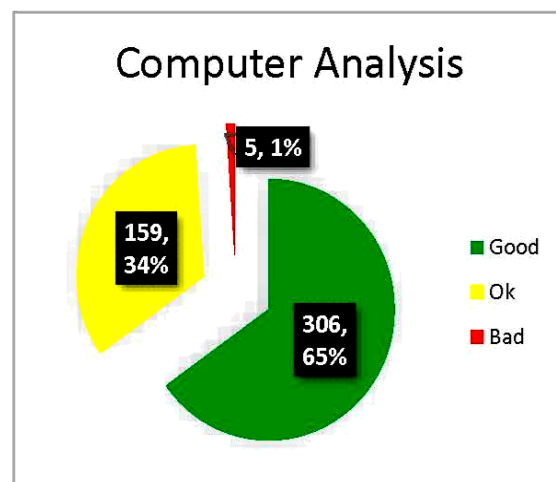
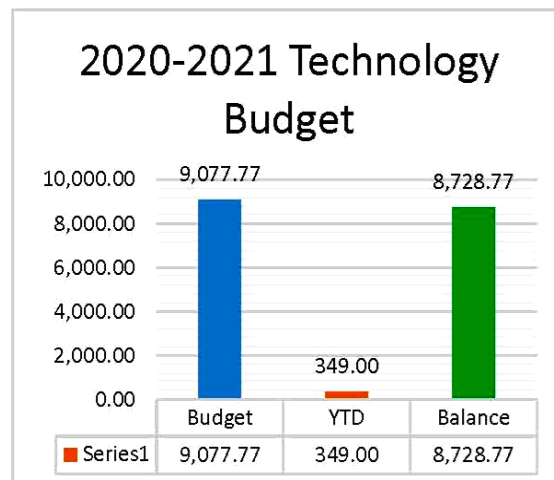
Student Desktop Computers: 38 Total

- Lab B6 (25 - 790-25)
- Classrooms (13 – 7010-3, 7020-8, 780-1, 790-1)

Professional Development – Define how you expect to see technology support your instructional goal. **IXL, Promethean, Planbook, Google Classroom, SeeSaw**

Misc:

Remote Learning – Mobile Devices
Security and Privacy
5 Year Technology Plan

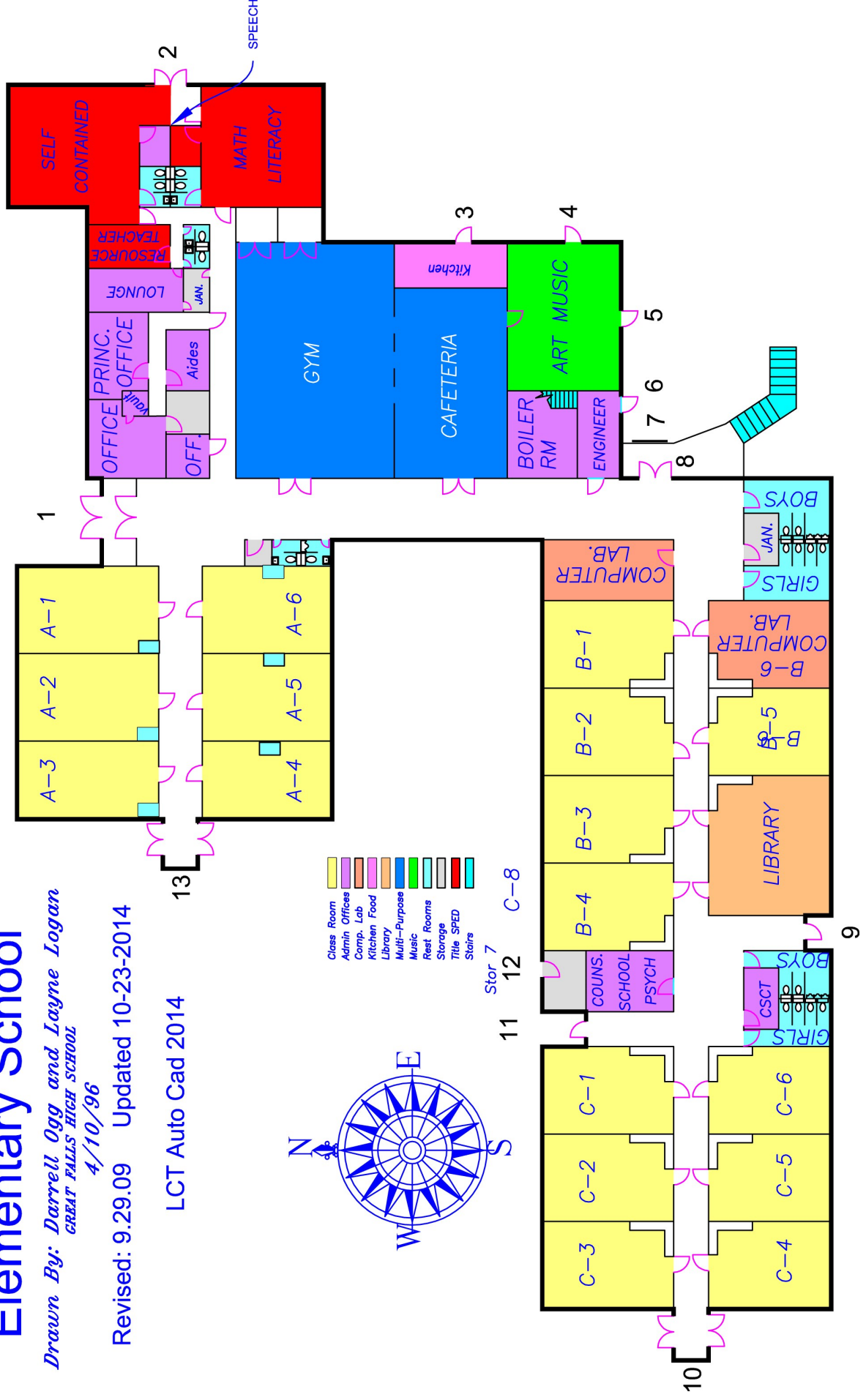


Valley View Elementary School

Drawn By: Darrell Ogg and Layne Logan
GREAT FALLS HIGH SCHOOL
4/10/96

Revised: 9.29.09 Updated 10-23-2014

LCT Auto Cad 2014





Great Falls Public Schools Long Range Plan

West Elementary School

School Information

Address: 1205 First Ave NW
Constructed: 1952
Additions: 1957
Lot Size: 10.48 Acres
Classrooms: 24
Sq. Ft: 81,083
Shared Use: HANDS,AWARE/CSCT, CMR B-ball & V-ball, Special Olympics, Miss Linda's Dance Studio, Soul Dance Academy, Denise Harper's Dance Studio, Neighborhood Council
Oct. Enrollment: 480 (-8)
Accredited Capacity: 830
Overload Max Capacity: 962
Functional Capacity: 581
Breakfast Program: Yes in classroom, Community Eligibility Program (CEP)- 100% participation.

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear

Kitchen Items

Tables—parts hard to obtain—need to adjust one table

2016 Bond Related Master Facility Plan Items

Boiler tube replacement—\$80,000 Summer of 19 projected
 HVAC controls—\$296,624
 Stairs outside auditorium- \$75,000—complete
Total—\$451,624
Phones

Enrollment Projection

West Elementary School

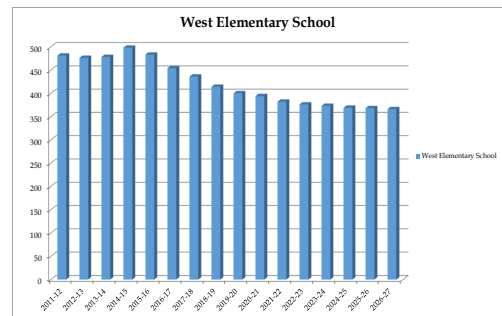
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	72	87	65	81	64	63	61	60	60	59	58	58	57	56	57	56
1	67	72	73	62	78	61	59	59	58	58	57	56	56	55	54	55
2	75	61	72	69	60	66	59	55	55	55	55	54	53	53	53	52
3	64	59	68	78	66	60	65	58	54	54	54	54	53	52	52	52
4	69	61	75	71	77	66	59	64	57	53	53	53	53	52	51	51
5	76	66	59	71	72	72	63	57	61	55	51	51	51	51	51	50
6	58	70	66	66	66	66	70	61	55	60	54	50	50	50	50	50
Total: K-6	481	476	478	498	483	454	436	414	400	394	382	376	373	369	368	366

Total: K-6	481	476	478	498	483	454	436	414	400	394	382	376	373	369	368	366
Change		-5	2	20	-15	-29	-18	-22	-14	-6	-12	-6	-3	-4	-1	-2
% Change		-1.0%	0.4%	4.2%	-3.0%	-6.0%	-4.0%	-5.0%	-3.4%	-1.5%	-3.0%	-1.6%	-0.8%	-1.1%	-0.3%	-0.5%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This 81,083 square foot school was constructed in 1952 with an addition being added in 1957. It served as a Junior High School prior to becoming an elementary school. It has a large campus and an excellent auditorium. A new boiler system was installed in 2020 and the west stairs were reconstructed as a part of the bond money spent on this school. A controlled entry system was added in 2019. Construction on a new roof will begin in the summer of 2021. Because of the size of the roof, this is scheduled for two summers.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Roof replacement, Campus Safety, and Windows.

Major Construction History:

2020:
2019:
2018: Stage curtains
2017: Outside Auditorium Stairs, Water main valve replacement
2016: Playground equipment installed, intercom update, Drain tile, HVAC system improvements, Trizak floor, kitchen
2015: Fixed floor in room 19, Installed sound system in gym
2014: Stage lighting retrofit, Ventilation work, New domestic hot water boiler, Flooring
2013: Flooring
2012: Exterior doors, flooring
2011: Office carpet, electric upgrade, asphalt, paint school
2010: Remodel office area, refinish gym floor, ADA ramp, relocate N. playground
2009: Gym bleachers, carpeting, SE corner parking lot
2008: White boards, excavate dirt & retile
2007: Replace carpets
2006: Bathroom between kindergartens, replace hallway drinking fountains
2005: Carpet 8A, 10, 17, 15, replaced gym curtain
2004: Asphalt playground replacement, auditorium seating replacement
2003: Water main replacement
2001: Irrigation sprinkling system

Technology Projection:

1. Camera— need one on front door— camera issues—contact GFPS before KENCO
2. Computer Labs
3. Equipment Replacement
4. IT Tickets 199 completed
5. E-Rate Program Update—infrastructure—Wireless, WAPS, Switches, Network boxes
6. Bond Impact Phone work will begin in December or January
7. Fiber upgrades—projectors in labs, phones in front office moved

GFPS Building Technology Plan – 11/3/20

Location: West Elementary

Building technology goals 2019:

1. 5 Hovercams
2. Laptops for teachers, replace old 780s in labs
3. Smartboards from Little Russell

Building technology goals 2020:

- 1.
- 2.
- 3.

Wireless – move to 5 Ghz

Video Surveillance Expansion – 21 int, 11 ext, 4 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – Y/Y

External Warning System - N

Devices: Replacements - \$12,529.65

- PC – 125 (26, 87)
- Laptop – 32 (6)
- Chromebook – 312 (32)
- Chromebook Carts - 11
- Printers - 13
- Projectors – 30 (83c-1)
- Smartboards/Ebeams – 15/0
- Promethean Panels - 7
- Doc Cameras – 25

2:1 student to device goal (2-6) – 1.22:1 (305:248) 14 classes

Student Desktop Computers: 106 Total

- Lab 11 (2 - 780-2)
- Lab 30 (40 - 780-16, 790-20, 9010-1, 7010-3)
- Lab 34 (38 - 780-7, 790-27, 7010-4)
- Library (23 - 790-22, 9010-1)
- Classrooms (3 - 780-1, 790-1, 3060-1)

Professional Development – Define how you expect to see technology support your instructional goal.

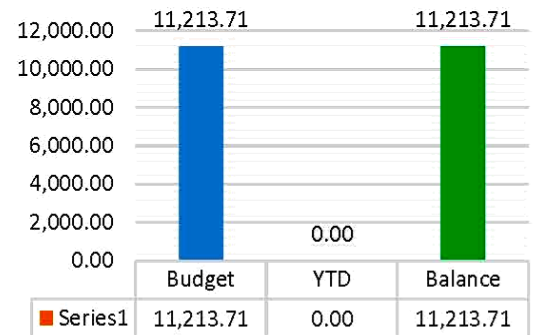
Misc:

Remote Learning – Mobile Devices

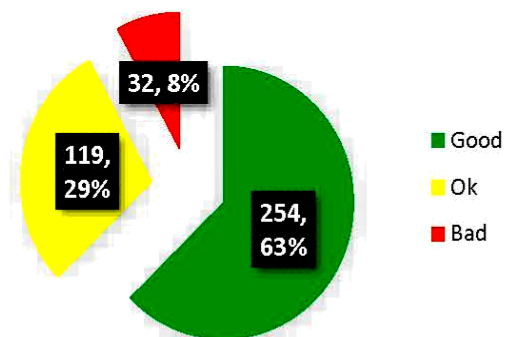
Security and Privacy

5 Year Technology Plan

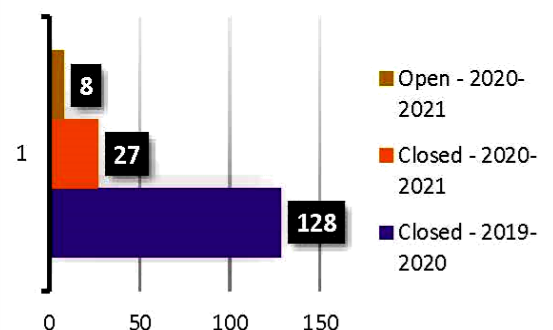
2020-2021 Technology Budget

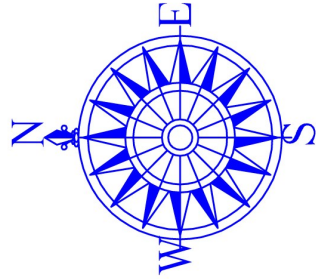
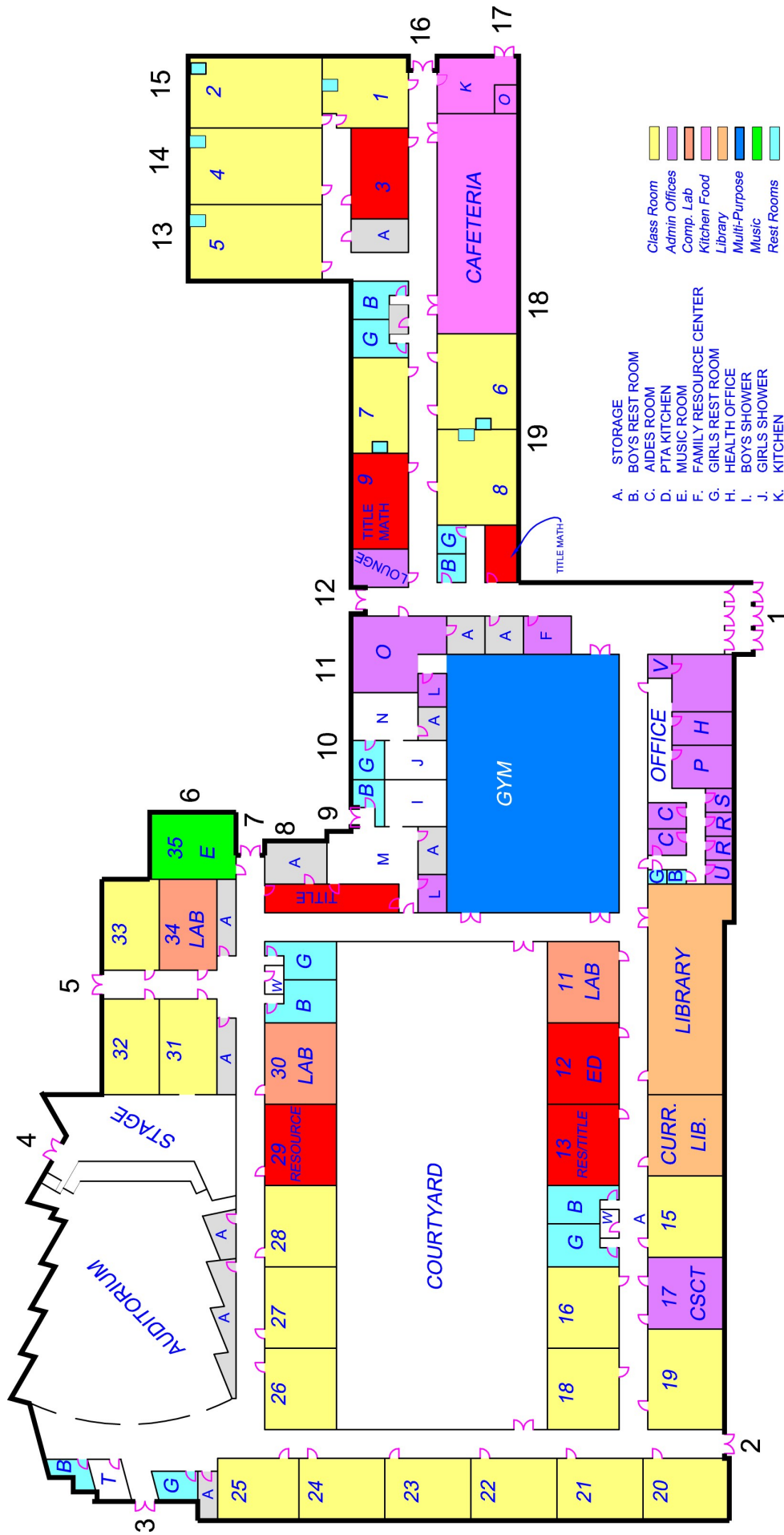


Computer Analysis



Ticket Count





WEST ELEMENTARY

JENNIFER TUTEN
GREAT FALLS HIGH SCHOOL

2/12/96

Revised: 10.9.09

Updated 10-24-2014

LCT Auto Cad 2014



Great Falls Public Schools Long Range Plan

Whittier Elementary School

School Information

Address: 305 8th St. N

Constructed: 1938

Additions: 1990

Lot Size: 1.72 Acres

Classrooms: 22

Sq. Ft: 29,557

Shared Use: HANDS

Oct. Enrollment: 239 (-9)

Accredited Capacity: 428

Overload Max Capacity: 496

Functional Capacity: 300

Breakfast Program: Yes

Classroom

Building Safety Items

Safe & Secure Protocols/Phone Tree -
Make sure current and available crisis
Manager-Electronic Access to District
Emergency Protocols
*Employee - General Safety Training and
Corresponding documentation
*MT Dept. of Labor and City Co. Health
Dept. visits
*SRO Safety Survey - Review if applica-
ble
*Western States Safety Survey - Review if
applicable
*Discussion Workers Comp History for
Bldg. - Determine safety focus based on
top cause/location of claims
- Payne West Training VOD Infor-
mation - Employee Safety Train-
ing Videos
- MSGIA Training Video Information
- Employee Safety Training Vide-
os (1st & 2nd semester gift card
drawing incentive)
-Fire Extinguishers Hung Up
-Breaker Boxes Clear
-Outlet Strips
-Storage Strips
-Safety Guards and Face Shields
-First Aid Kits Checked
-Eye Wash Stations Checked
-Containers Labeled
-Chemical Inventory Lists-SDS
-Refrigerators - "Food" or "No Food"
-Code Blue Teams/AED
-Playgrounds 9: of Fill
-Ice on Sidewalks
-Accident/Incident Reporting

Kitchen Items

Stainless Steel tables to re-
place cabinets & countertops
New freezer added in the fall

Enrollment Projection

Whittier Elementary School

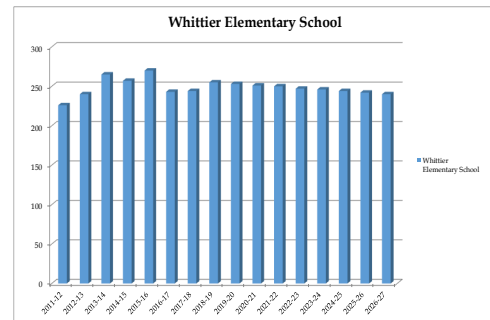
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	33	40	42	40	40	34	36	37	37	36	36	35	35	34	35	35
1	42	33	42	40	42	36	37	37	38	38	37	37	36	36	35	36
2	36	37	41	36	45	37	38	36	36	37	37	36	36	35	35	34
3	30	36	42	34	37	38	36	37	35	35	36	36	35	35	34	34
4	33	39	38	40	31	39	39	37	38	36	36	37	37	36	36	35
5	27	29	37	35	43	23	37	37	35	36	34	34	35	35	34	34
6	25	26	23	32	32	36	21	34	34	33	34	32	32	33	33	32
Total: K-6	226	240	265	257	270	243	244	255	253	251	250	247	246	244	242	240

Total: K-6	226	240	265	257	270	243	244	255	253	251	250	247	246	244	242	240
Change		14	25	-8	13	-27	1	11	-2	-2	-1	-3	-1	-2	-2	-2
% Change		6.2%	10.4%	-3.0%	5.1%	-10.0%	0.4%	4.5%	-0.8%	-0.8%	-0.4%	-1.2%	-0.4%	-0.8%	-0.8%	-0.8%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

Constructed in 1938 as a part of the WPA, this elementary school is located in the original downtown of Great Falls and serves a unique population of students. As a part of the bond projects, an elevator was added in 2017 to better meet handi-capped accessibility needs. New boilers were added in 2018. A new roof was added in 2020 along with alarm poles. The computer lab was remodeled in 2020 as well. During the 2021 school year a major flood occurred two times in the building. The first one was due to internal drains, which hadn't been used in years being used as a part of the new roof system. The drains were plugged causing major damage to over four rooms. In February, during an extreme cold weather event and a long holiday weekend, the boiler went out and froze a portion of the plumbing.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Fire Alarm Kitchen remodel, plumbing (water main), Library remodel, and Door Entrance Security.

Major Construction History:

2020: Roof, Alarm strobes, carpet (4 Computer lab remodel, roof work, drain work—major project due to leakage

2019: Refinish gym floor

2018: Boilers

2017: Elevator

2016: Office entrance remodel

2015: Library remodel—additional classroom space, Purchased lot 820 4th Ave N to use as a rental

2013: Re-build steam traps

2012: Boiler work, carpeting

2010: Pave parking lot/seal playground, N sidewalks, Repair NE gym floor

2009: Replace boiler sections

2007: Sidewalks 3rd Ave, 8th St, 4th Ave.

2005: Install irrigation/soccer field

2001: Sand and seal gym floor, Carpet halls and rooms.

2000: Drainage system, gym acoustic package

2016 Bond Related Master Facility Plan Items

2 Boilers—\$243,747 planned for summer of 2018

Elevator- \$225,000 completed summer 2017

Floor shifting- \$100,000—continue to monitor

Total—\$568,747

Phone system

Technology Projection:

1. Phone system (bond) **scheduled for late May**
2. Refresh sooner—evaluate and work with Tom—annual event
3. IT Tickets **67** Closed **4** Open
4. E-Rate Program Update
5. Bond Impact **see above**
6. Tech Plan Review Date & Time
7. **Chromebook computers timeline discussed**
8. **Camera system update discussed—Potential PTA donation**

GFPS Building Technology Plan – 11/9/20

Location: Whittier Elementary

Building technology goals 2019:

1. Cameras in Gym/Cafeteria
2. Replace teacher machines (3) in room 1 and move the old ones to replace 780's in K, 1.
3. Replace 7 additional 780's in K, 1, Lab and 2 laptops for RTI
4. Approve Tumble Books and order projector adapters

Building technology goals 2020:

1. Computer Replacements – Red, Yellow
2. Headphones for Chromebooks
3. Secure Foyer – Raptor?

Wireless – move to 5 Ghz

Video Surveillance Expansion– 15 internal, 13 external, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$1,658.00

- PC – 61 (3, 31)
- Laptop – 23(1)
- Chromebook – 237 (32)
- Chromebook Carts – 8
- Printers - 5
- Projectors – 21 (83-1)
- Smartboards/Ebeams – 6/4
- Promethean Panels - 5
- Doc Cameras – 18

2:1 student to device goal (2-6) – .99:1 (147:149) 9 classes

Student Desktop Computers: 37 Total

- Lab 9 (30 – 7020-8, 7040-4, 790-16, 960-1, 990-1)
- Library (2 – 7040-1, 990-1)
- Classrooms (5 - 790-5)

Professional Development – Define how you expect to see technology support your instructional goal. **SeeSaw, IXL**

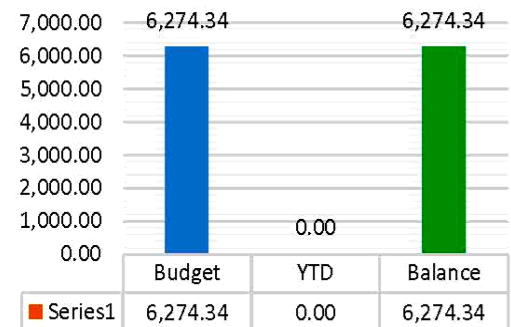
Misc:

Remote Learning – Mobile Devices

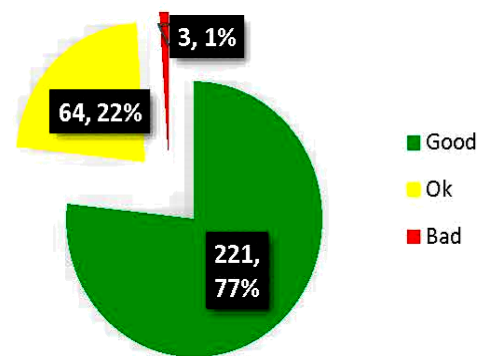
Security and Privacy

5 Year Technology Plan

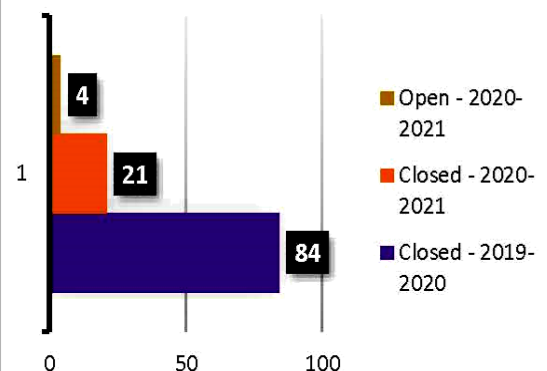
2020-2021 Technology Budget

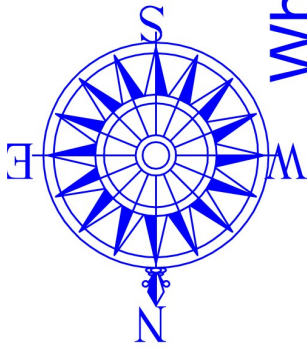


Computer Analysis



Ticket Count





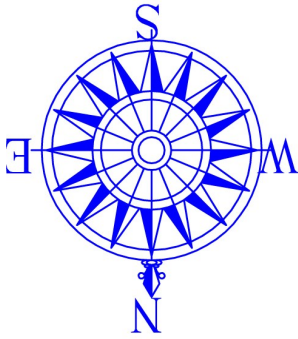
- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

Whittier Elementary 1st Floor

Drawn by: Layne Logan and Darrell Ogg
GREAT FALLS HIGH SCHOOL
3/12/96

Revised: 9.29.09 Updated 10-26-2014 LCT Auto Cad 2014



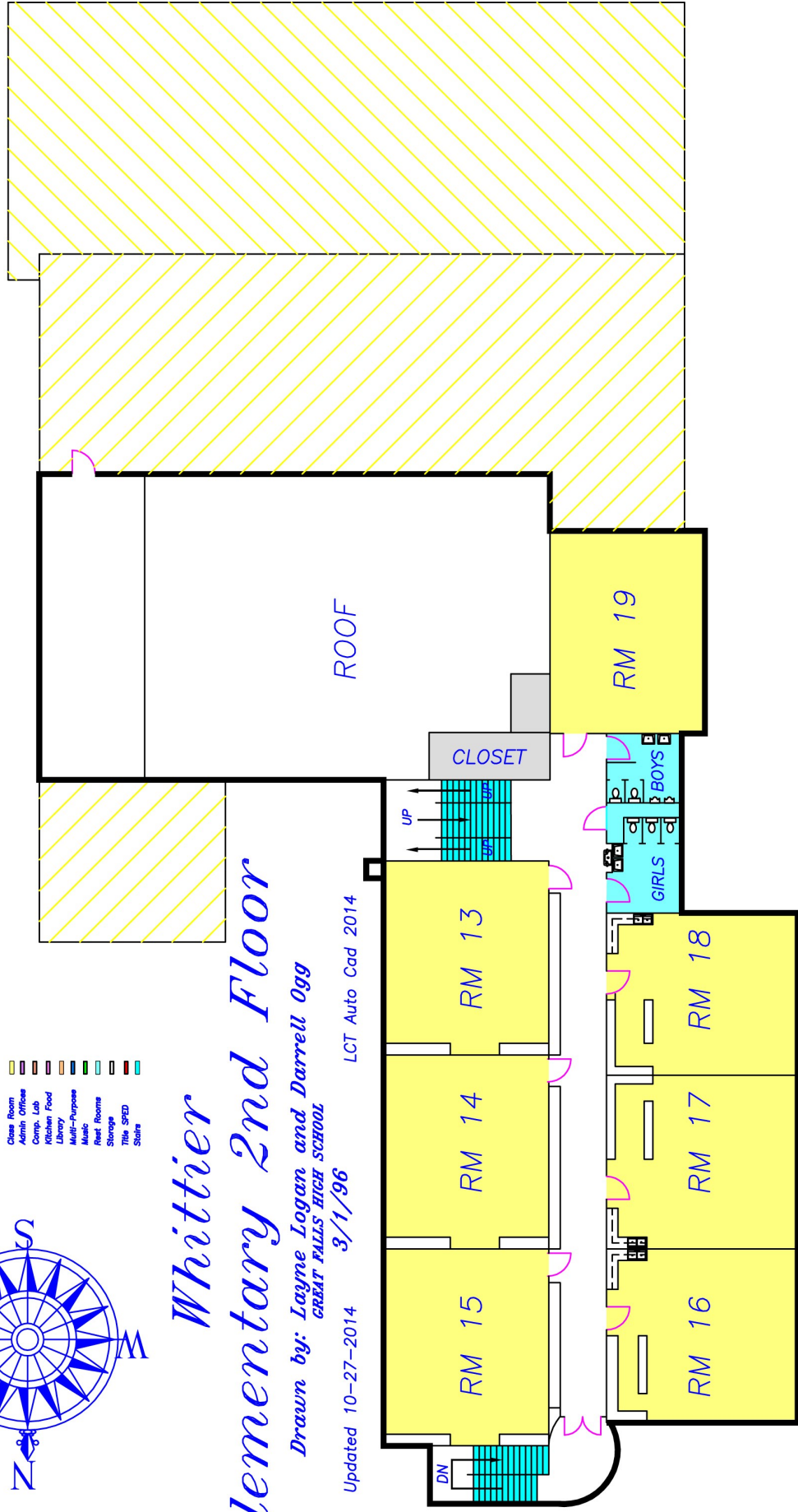


- Class Room
- Admin. Office
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

Whittier Elementary 2nd Floor

Drawn by: *Layne Logan and Darrell Ogg*
GREAT FALLS HIGH SCHOOL

Updated 10-27-2014 3/1/96
LCT Auto Cad 2014





Great Falls Public Schools Long Range Plan

East Middle School

School Information

Address: 4040 Central Ave
Constructed: 1958
Additions:
Lot Size: 29.30 Acres
Classrooms: 45
Sq. Ft: 165,000
Shared Use: CSCT, GF V-ball Club, MSDB Games for Visually Impaired, GFPS Summer Music Program, GFPS Indian Education MS Bridge, MTFWP Hunter Education, GF Parks & Rec Adult B-ball/V-ball leagues, GFPS Extended School Year, East MS Summer Literacy Prog., SES services, GFPS SRO officer, METS
Oct. Enrollment: 758 (+3)
Accredited Capacity: 1350
Overload Max Capacity: 1350
Functional Capacity: 945
Breakfast Program: Yes

Building Safety Items

Safe & Secure Protocols/Phone Tree -
 Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear
 -Outlet Strips
 -Storage Strips
 -Safety Guards and Face Shields
 -First Aid Kits Checked
 -Eye Wash Stations Checked
 -Containers Labeled
 -Chemical Inventory Lists-SDS
 -Refrigerators - "Food" or "No Food"
 -Code Blue Teams/AED
 -Playgrounds 9: of Fill
 -Ice on Sidewalks
 -Accident/Incident Reporting

Kitchen Items

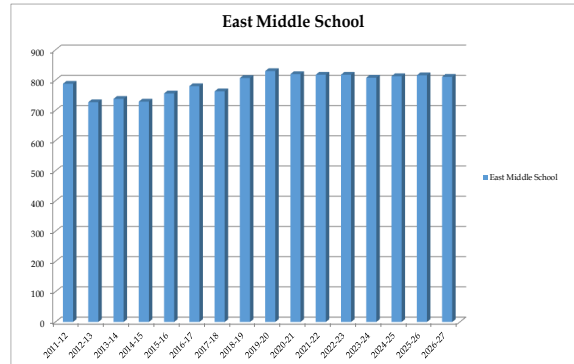
Health Dept. vinyl floor
 must be replaced

Enrollment Projection

East Middle School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
7	393	354	380	365	406	375	397	420	420	408	418	408	408	413	409	408
8	395	373	358	364	350	405	366	387	410	412	400	410	400	400	407	403
Total: 7-8	788	727	738	729	756	780	763	807	830	820	818	818	808	813	816	811
Total: 7-8	788	727	738	729	756	780	763	807	830	820	818	818	808	813	816	811
Change		-61	11	-9	27	24	-17	44	23	-10	-2	0	-10	5	3	-5
% Change		-7.7%	1.5%	-1.2%	3.7%	3.2%	-2.2%	5.8%	2.9%	-1.2%	-0.2%	0.0%	-1.2%	0.6%	0.4%	-0.6%

Forecasts Developed April 2017
 Green Cells (2016-17 and earlier) are historical data
 Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This 165,000 square foot middle school was constructed in 1958. As a part of the bond projects, a new roof was added, a new boiler, and controls were installed. New windows are scheduled to be installed during the summer of 2021. As a part of the McKinstry project, completed in 2011, new energy efficient lighting was installed throughout the building.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Remodel office space and Campus safety.

Major Construction History:

2020: Replace roof sections, drill well, Doors and buzz system, fire hydrant, locker room, restroom partitions, front doors, Art room work
2019: Sidewalk/bus loop
2018: Boiler, fire hydrant, phones
2017: Fire alarm, windows, roof coating
2016:
2015: New sidewalks North side of G & H wing, home ec counter tops and plumbing fixtures.
2014: Security camera upgrade, Ductwork, fencing, water main, bus loop asphalt
2013: Kitchen & tile replacement several rooms, G-wing restroom renovation, Library remodel
2012: G&H wing flooring
2010: G-wing court yard asphalt basketball courts, compactor, roof repair
2009: Electrical retrofit, B-wing & hallway tile project, H-wing restroom remodel, H-wing court yard sidewalk, SW traffic gates, re-surface N. side student drop off, fencing
2008: ADA sidewalk to track, kitchen tile replacement, rebuild east ADA access, widen bus loop, carpet main office, D2&D4
2007: Kitchen dishwasher
2006: Security cameras, hallway lighting gym & cafeteria, Westside bus loop
2005: Marker boards, moisture drain system
2002: cafeteria floor, replace 2 boilers
2001: Drain water collection system

2016 Bond Related Master Facility Plan Items

Boilers—\$225,000
 Fire Alarm System- \$150,000
 HVAC, valves and piping- \$334,279
 Roof Repair- \$28,834
 Install emergency strobes in various locations- \$40,806
 Window Retrofits- \$950,000
Total—\$1,728,919

Technology Projection:

1. Fiber will be run underneath the school
2. A-1 lab needs phone
3. Wireless conversion will happen
4. Inadequate wiring in G & H wings
5. IT Tickets 617 Tickets 42 Open 10 Consolidated
6. E-Rate Program -wireless upgrade, UPS, Switches
7. Library equipment room cooling needed?
8. Tech Plan Review Date & Time

GFPS Building Technology Plan – 12/10/20

Location: East Middle School

Building technology goals 2019:

1. Library pc replacements
2. Additional 70 Chromebooks for resource areas
3. Annual projector replacements (4-5)
4. Nick and Bobbi Sangwin – new desktop

Building technology goals 2020:

1. Teacher pc replacements
2. Chromebook replacements for D-F
3. Projector for Cafeteria
4. Camera additions (secure foyer, engineer entrance)

Wireless – move to 5 Ghz

Video Surveillance Expansion– 81 internal/external, 8 SPED, 4 NVRs (secure foyer)

Secure Foyer / Raptor Visitor Mgt – Y/N

External Warning System - N

Devices: Replacements - \$33,166.00

- PC – 310 (77, 154)
- Laptop – 50(7,2)
- Chromebook – 645 (98)
- Chromebook Carts – 17
- Laptop Cart - 1
- Printers - 44
- Projectors – 60 (4-83+)
- Smartboards/Ebeams – 4/0
- Promethean Panels - 1
- Doc Cameras – 47

2:1 student to device goal (7-8) – 1.57:1 (811:515) w/S44&Math
1.97:1 (811:411)

Student Desktop Computers: 229/71, 98

Professional Development – Define how you expect to see technology support your instructional goal.

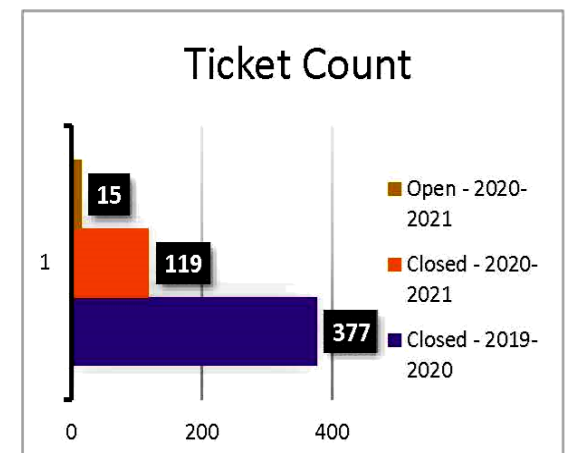
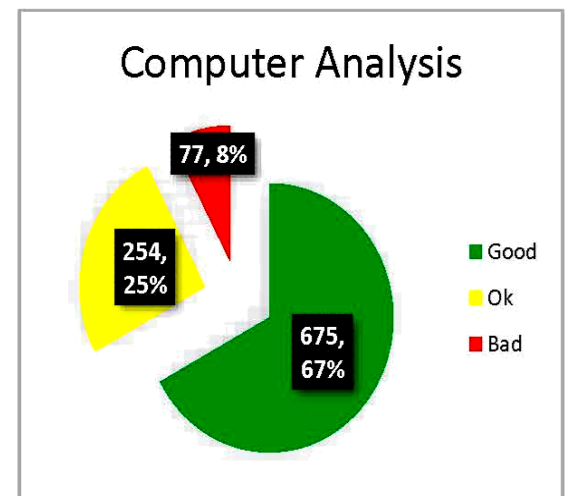
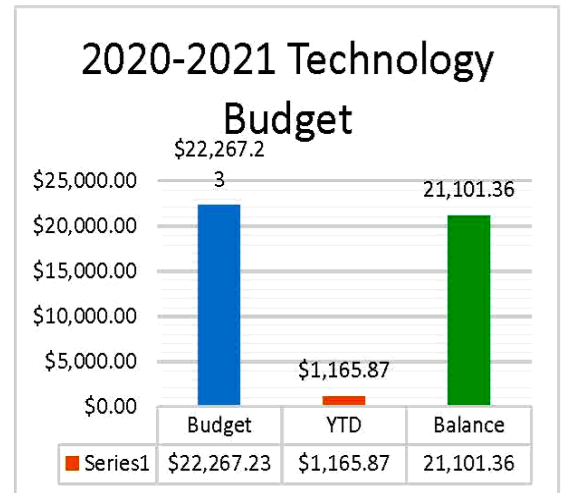
Google Classroom, Screen Castify

Misc:

Remote Learning – Mobile Devices

Security and Privacy

5 Year Technology Plan



EAST MIDDLE SCHOOL

JEFF SHORT
GREAT FALLS HIGH SCHOOL

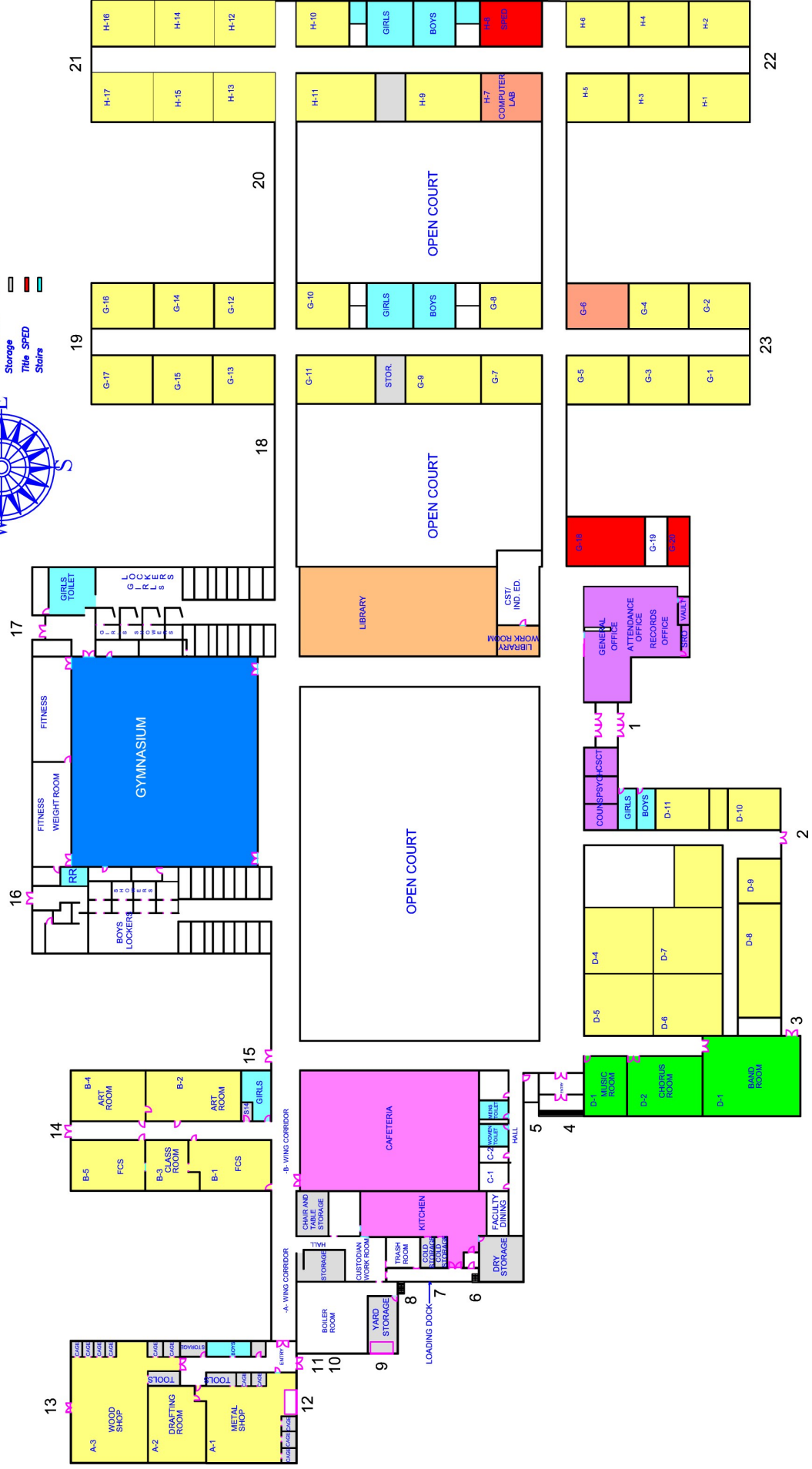
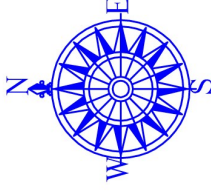
Revised: 10.21.08

Updated 10-29-2014

LCT Auto Cad 2014

5/10/96

- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs





Great Falls Public Schools Long Range Plan

North Middle School

School Information

Address: 2601 8th St NE
Constructed: 1969
Additions:
Lot Size: 16.09 Acres
Classrooms: 49
Sq. Ft: 128,110
Shared Use:
Oct. Enrollment: 751 (+23)
Accredited Capacity: 1260
Overload Max Capacity: 1260
Functional Capacity: 882
Breakfast Program: Yes
 in cafeteria

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear
 -Outlet Strips
 -Storage Strips
 -Safety Guards and Face Shields
 -First Aid Kits Checked
 -Eye Wash Stations Checked
 -Containers Labeled
 -Chemical Inventory Lists-SDS
 -Refrigerators - "Food" or "No Food"

Kitchen Items

5 lights in storage areas need lens covers
Cafeteria tables need replacing \$27K
 Bigger fan for ventilation
 Move milk cooler away from fire extinguisher

Enrollment Projection

North Middle School

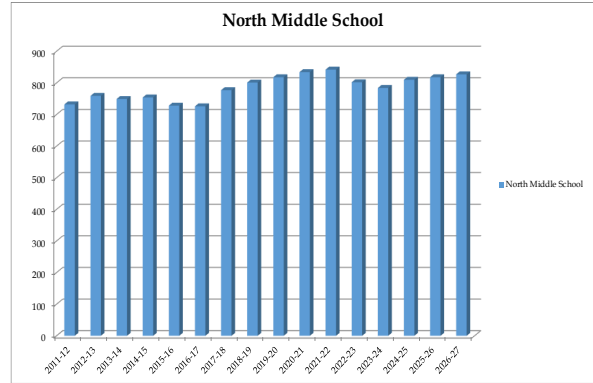
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
7	382	375	397	370	341	379	394	403	411	417	419	377	401	403	407	412
8	350	384	352	384	387	347	383	398	407	417	423	425	383	407	411	415
Total: 7-8	732	759	749	754	728	726	777	801	818	834	842	802	784	810	818	827

Total: 7-8	732	759	749	754	728	726	777	801	818	834	842	802	784	810	818	827
Change		27	-10	5	-26	-2	51	24	17	16	8	-40	-18	26	8	9
% Change		3.7%	-1.3%	0.7%	-3.4%	-0.3%	7.0%	3.1%	2.1%	2.0%	1.0%	-4.8%	-2.2%	3.3%	1.0%	1.1%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This middle school was built in 1969. It has an open school concept design in which there are few internal walls in the building. Since its initial construction, walls and partitions have been added. This school is an attendance center for students from Malmstrom Air Force Base.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Doors and Locks, Roof, and Campus Safety.

Major Construction History:

2020: Roof
2019: Parking lot resealed, remodel SPED room by cafeteria, irrigation work
2018: Foundation Stabilization, LED lights
2017: Roof (Cafeteria), Boilers (2), walk in cooler, Fire Alarm System
2016: Re-asphalt student play area –fix water pooling
2015: Security cameras in office for front entrance approach to add line of sight, new tubes in boiler-added pumps, Fire main water line replacement
2014: Fire main work, parking lot additions, fencing
2013: Phone room A/C, Compactor & catwalk
2012: Irrigation system work, circulation pump replacement, dock area was rebuilt, asphalt S. parking lot
2011: Rock barrier, fire hydrant, classroom walls
2010: S. side parking work, refinish gym floor
2009: G locker room repair, Installed new bleachers in gym, asphalt N. parking lot, asphalt playground, den drainage
2008: Classroom walls & doors, roof repair over cafeteria
2007: Upgrade boiler controls
2006: Re-carpet entire building
2004: Refurbish lockers
2003: Northside curb drainage
2002: Main entry side walk
2001: Install drafting table

2016 Bond Related Master Facility Plan Items

Boilers— Completed Summer 2017
 Door Replacement-
 Fire Alarm System- Completed Summer 2017
 Fire Suppression System- Completed Summer 2017
 Roof- Completed Summer 2017
 Emergency Strobe Lights-Completed Summer 2017
 Foundation Repair- Be sure to add door between music rooms
3001-3002 as a part of the bond work.
 Phone System
Total—\$1,383,917

Technology Projection:

1. Upgrading network backbone— adding new wireless access points (WAPS) - new E-Rate funding
2. Looking to increase refresh rate - **3 Chrome carts added**
3. IT Tickets—**353 Completed 229 This Yr.**
4. E-Rate Program Update—replace network switches
5. Bond Impact—Phone—**will start in May—3rd Phase**
6. Tech Plan Review Date & Time - **schedule soon**
7. Kenco camera & DVR's

GFPS Building Technology Plan – 11/9/20

Location: North Middle School

Building technology goals 2019:

1. SPED/Math/Literacy – determine replacement computer
2. Milepost, Google, Planbook Training
3. Replace outdated projectors
4. Replace teacher Chromebooks

Building technology goals 2020:

1. Replace Dell Lab desktop computers
2. Replace outdated projectors
3. Chromebook Cart and Chromebooks to replace outdated cart

Wireless – move to 5 Ghz

Video Surveillance Expansion – 70 internal/external, 8 SPED, 4 NVRs

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$15,332.36

- PC – 192 (33, 76)
- Laptop – 39(8,22)
- Chromebook – 629 (106)
- Chromebook Carts – 16
- iPod - 7
- Printers - 41
- Projectors – 55 (14 83+, 2 83c, 1 77c)
- Smartboards/Ebeams – 9/2
- Promethean Panels - 3
- Doc Cameras – 22

2:1 student to device goal (7-8) – 1.65:1 (760:491)

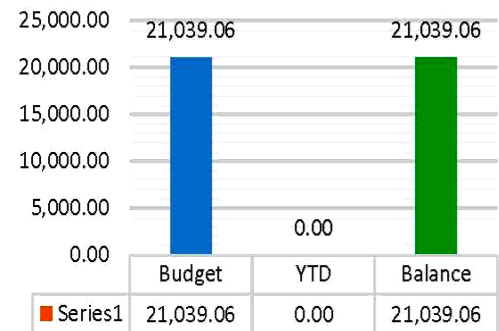
Student Desktop Computers: 122/35

Professional Development – Define how you expect to see technology support your instructional goal. IXL, Google Classroom, Read 180, Math 180

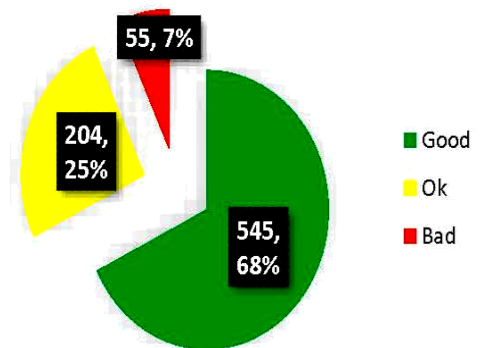
Misc:

Remote Learning – Mobile Devices
Security and Privacy
5 Year Technology Plan

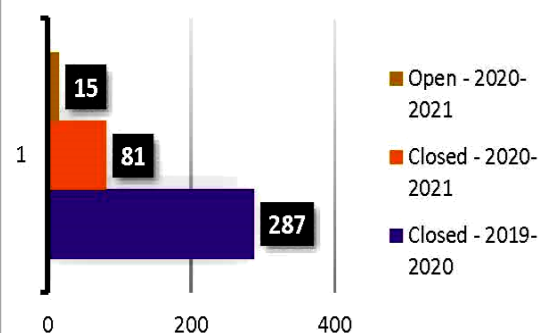
2020-2021 Technology Budget

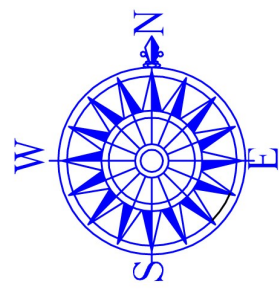
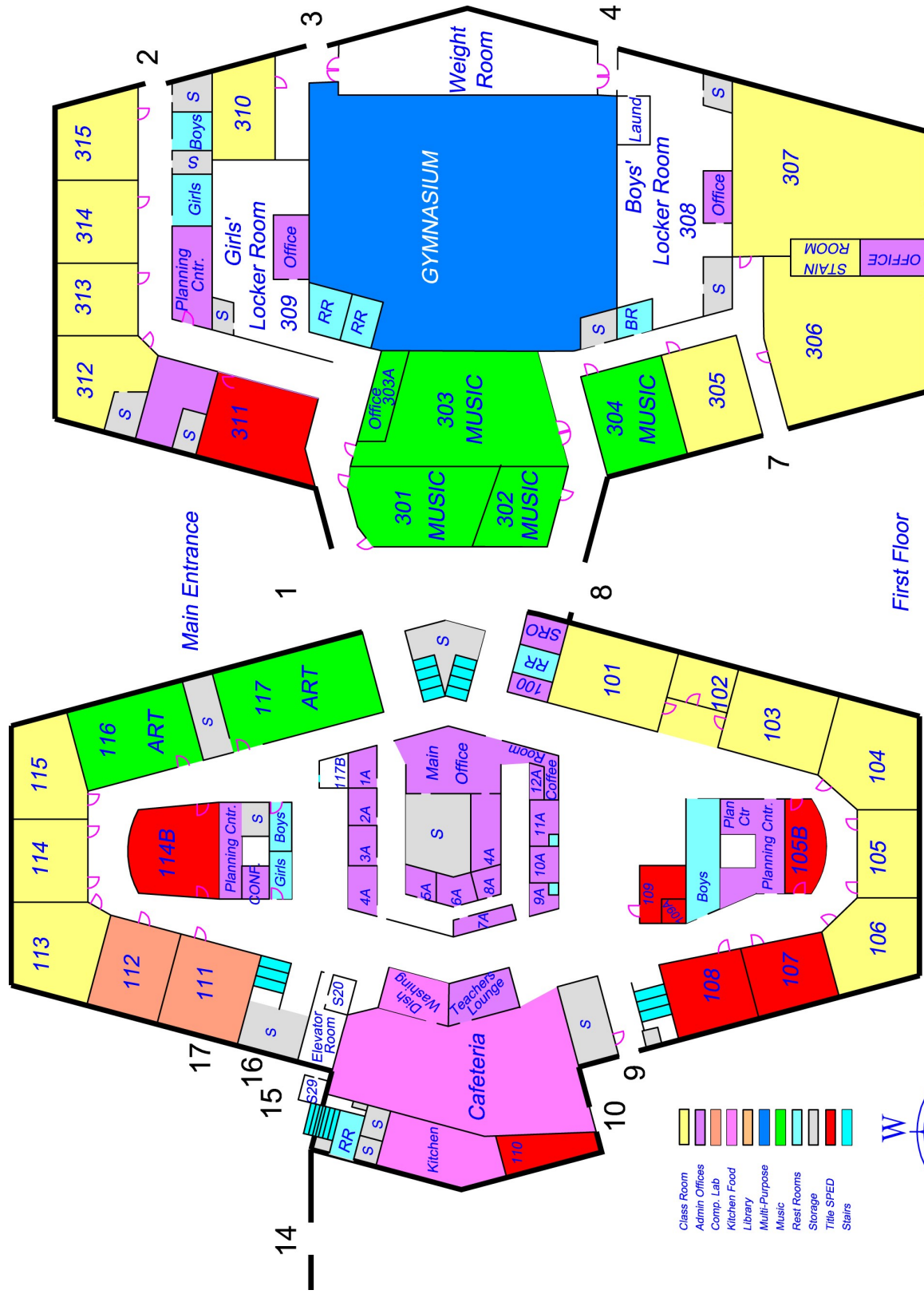


Computer Analysis



Ticket Count





- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

First Floor

NORTH MIDDLE SCHOOL

Revised: 5.17.10 Updated 11-2-2014 LCT Auto Cad 2014

LORI GUETHERMAN
GREAT FALLS HIGH SCHOOL
5-13-96



Great Falls Public Schools Long Range Plan

C. M. Russell High School

School Information

Address: 228 17th Ave NW

Constructed: 1964

Additions:

Lot Size: 38.68 Acres

Classrooms: 60 clsrms, 6 sp ed

Sq. Ft: 301,673

Shared Use: CSCT, Nite Cap, METS, SRO, Pathways Advisor, City League, Comm. Symphonic Choir, Church Services, N. MT Wrestling, MHSA Tournaments, MT Taekwondo, GFC-MSU welding, UGF wrestling, MT. Special Olympics

Oct. Enrollment: 1304 (-197)

Accredited Capacity: 2190

Overload Max Capacity: 2190

Functional Capacity: 1,533

Breakfast Program: N

Enrollment Projection

Charles M. Russell High School

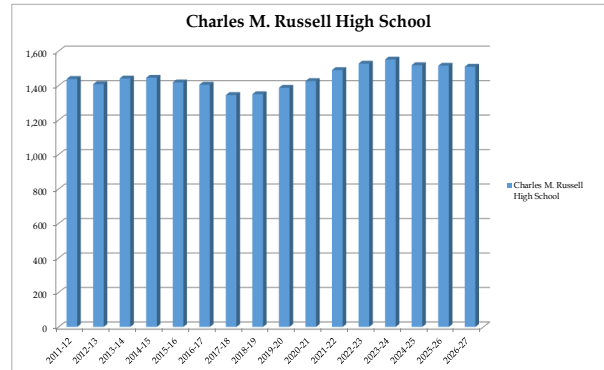
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
9	430	429	455	434	427	413	389	429	446	458	469	476	478	431	460	464
10	359	364	338	387	357	332	339	319	352	366	376	385	390	392	353	377
11	328	334	335	300	350	328	305	312	293	324	337	346	354	359	361	325
12	321	281	313	324	284	332	312	290	296	278	308	320	329	336	341	343
Total:9-12	1,438	1,408	1,441	1,445	1,418	1,405	1,345	1,350	1,387	1,426	1,490	1,527	1,551	1,518	1,515	1,509

Total: 9-12	1,438	1,408	1,441	1,445	1,418	1,405	1,345	1,350	1,387	1,426	1,490	1,527	1,551	1,518	1,515	1,509
Change		-30	33	4	-27	-13	-60	5	37	39	64	37	24	-33	-3	-6
% Change		-2.1%	2.3%	0.3%	-1.9%	-0.9%	-4.3%	0.4%	2.7%	2.8%	4.5%	2.5%	1.6%	-2.1%	-0.2%	-0.4%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols

*Employee - General Safety Training and Corresponding documentation

*MT Dept. of Labor and City Co. Health Dept. visits

*SRO Safety Survey - Review if applicable

*Western States Safety Survey - Review if applicable

*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims

- Payne West Training VOD Information - Employee Safety Training Videos

- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)

-Fire Extinguishers Hung Up

-Breaker Boxes Clear

-Outlet Strips

-Storage Strips

-Safety Guards and Face Shields

-First Aid Kits Checked

-Eye Wash Stations Checked

-Containers Labeled

-Chemical Inventory Lists-SDS

-Refrigerators - "Food" or "No Food"

-Code Blue Teams/AED

-Playgrounds 9: of Fill

-Ice on Sidewalks

-Accident/Incident Reporting

Building Information/0 to 2 Year Identified Projects

This high school was built in 1964 with additions being added in 1996, and 2018. Recent bond improvements added a STEM Center and Auxiliary gymnasium. An all-weather track was also a part of the bond work for this campus.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Shop roof, Campus Safety (Alarm poles), and windows.

Major Construction History:

2020:
2019: Courtyard concrete work, Gym floor, Athlete lot drainage, Sr. Parking lot resealed
2018: STEM Addition, Auxiliary Gym/Fitness Center
2017: Well, fire alarm, sidewalks, bleachers, electrical service, partial water main, retaining wall, girls locker room remodel, LED Outdoor lighting
2016: Well, location and initial work, 1/2 bleachers
2015: Cafeteria remodel, FH exhaust relief, Exterior door replacement, Wrestling sub floor, Woodshop ventilation, Welding shop ventilation & wiring, Vacuum breaker and manhole installation, New storm drain installation
2014: Water main & hydrant project, refrigerator & freezer project, boiler #3 work, S. hand-rail, restroom partitions, drinking fountain, shower, fixture replacement, commons area ceiling tiles, lights, fans, etc.
2013: Elevator call system work, ventilation system work, boiler burner, plumbing work (kitchen etc) irrigation valves & manhole
2012: Boiler burner demo, ventilation work, boys locker room fixture & plumbing work
2011: E. sidewalks
2010: Re-route room 402 ducts, pride field work, pride field bleacher work, N. campus sidewalks, compactor, auditorium track & curtains, resurface senior & staff parking lots
2009: Varsity locker room flooring, resurface student parking lot, carpeting, west field level & irrigate
2008: second floor science remodel, faculty parking sidewalk, SE parking lot drainage, tunnel lighting, bathroom fixtures all floors, third floor classroom outlets
2007: Replace boiler burners
2006: Auditorium Seating
2003: Emergency water line repair
2001: Parking lot asphalt repair
1999: Fire alarm system

Kitchen Items

Replace double stacked ovens

2016 Bond Related Master Facility Plan Items

HVAC—
 Plumbing—
 Fire Alarm—
 Water main replacement—
 Elevator repair—
 Doors/locks—
 Foundation repairs—
 Sidewalks—
 Windows—
 Lockers:
 Other
 Multi-purpose space—
 Track & Field upgrades—
 Phone System

Technology Projection:

1. IT Tickets **454 to date**
2. E-Rate Program Update—another round of work will begin
3. Bond Impact—Phone **begin in June**
4. Tech Plan Review Date & Time—
5. **New cameras are not in the bond, Fiber replacement in process (phone)**

GFPS Building Technology Plan – 12/17/20

Location: CM Russell High School

Building technology goals 2019:

1. Replace outdated computers – Video production / Journalism
2. Add to mobile lab inventory
3. Projector replacement

Building technology goals 2020:

- 1.
- 2.
- 3.

Wireless – move to 5 Ghz

Video Surveillance Expansion – 138-internal/external, 9-SPED, 8-NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$54,770

- PC – 431 (46, 201)
- Laptop – 381 (55, 134)
- Chromebook – 264
- Chromebook Carts – 9
- Laptop Carts - 8
- iPad – 7 (3, 3)
- Printers - 38
- Projectors – 75 (16-83+, 3-83c, 2-77c)
- Smartboards/Ebeams – 8/9
- Promethean Panels - 2
- Doc Cameras – 27

2:1 student to device goal (9-12) – 2.76:1 (1365:494)

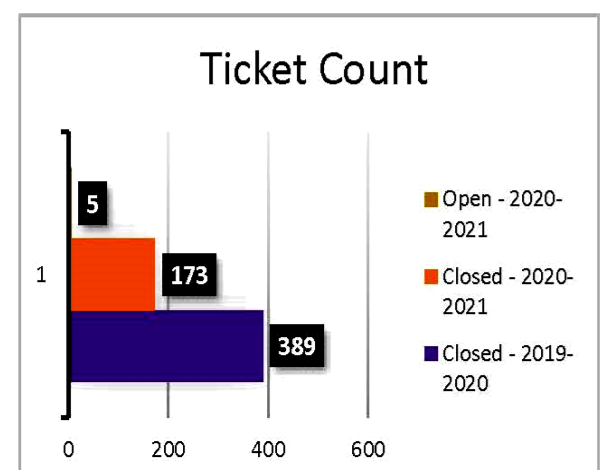
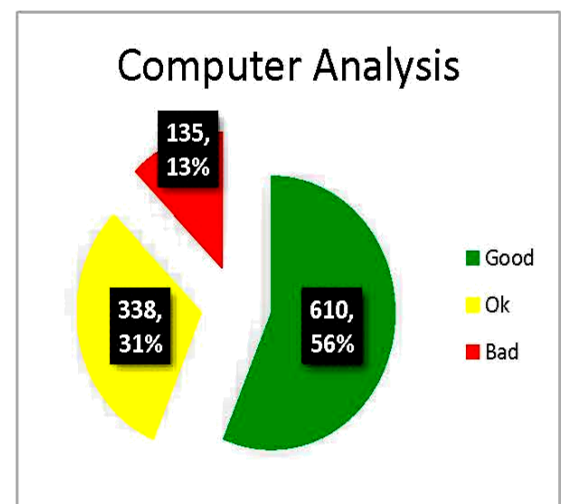
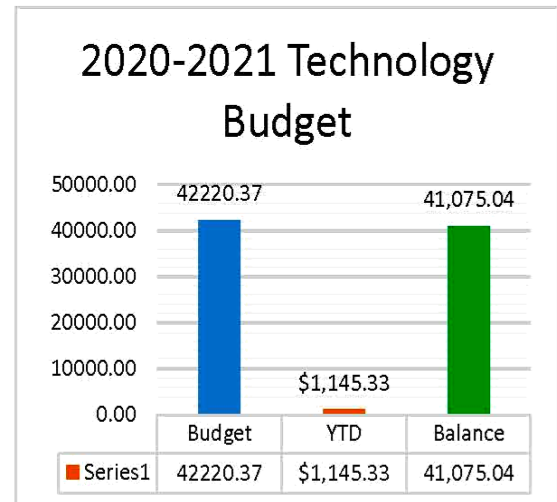
Student Desktop Computers: 292/33, 168

Student Laptop Computers: 313/77, 121

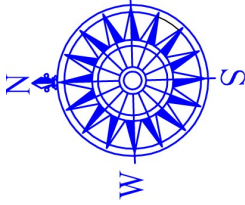
Professional Development – Define how you expect to see technology support your instructional goal.

Misc:

Remote Learning – Mobile Devices
Security and Privacy
5 Year Technology Plan



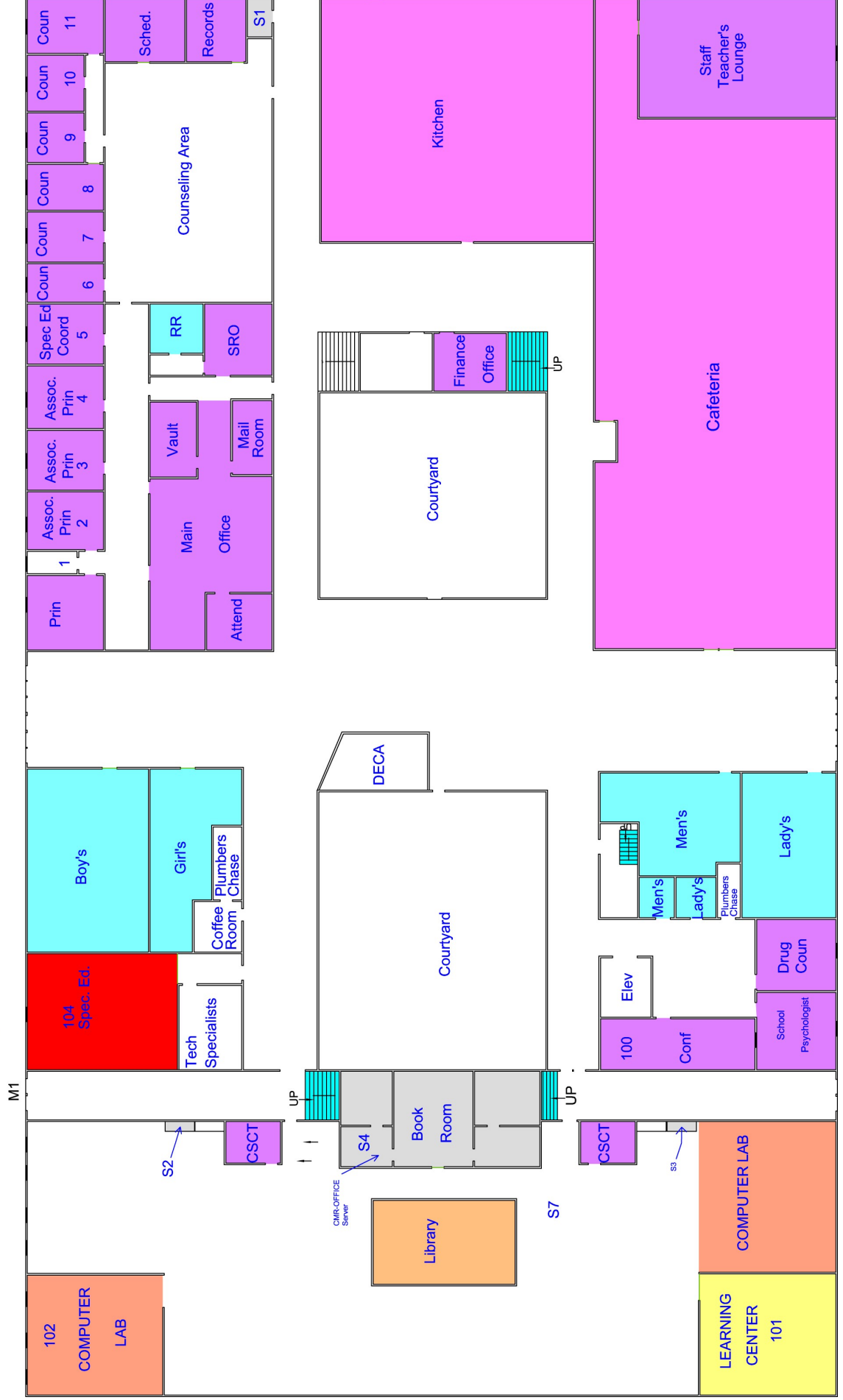
- Class Room
- Admin Offices
- Class Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

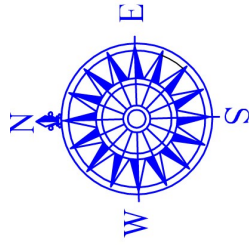


C. M. Russell High School

1st Floor

5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014





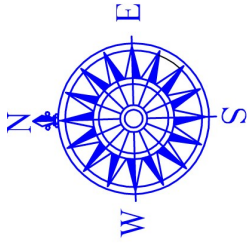
- Class Room
- Admin. Offices
- Comp. Lab.
- Kitchen Food
- Library
- Multi-Purposes
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

C. M. Russell High School

2nd Floor

5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014





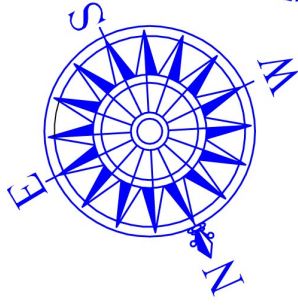
- Class Room
- Admin. Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

C. M. Russell High School

3rd Floor

5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014

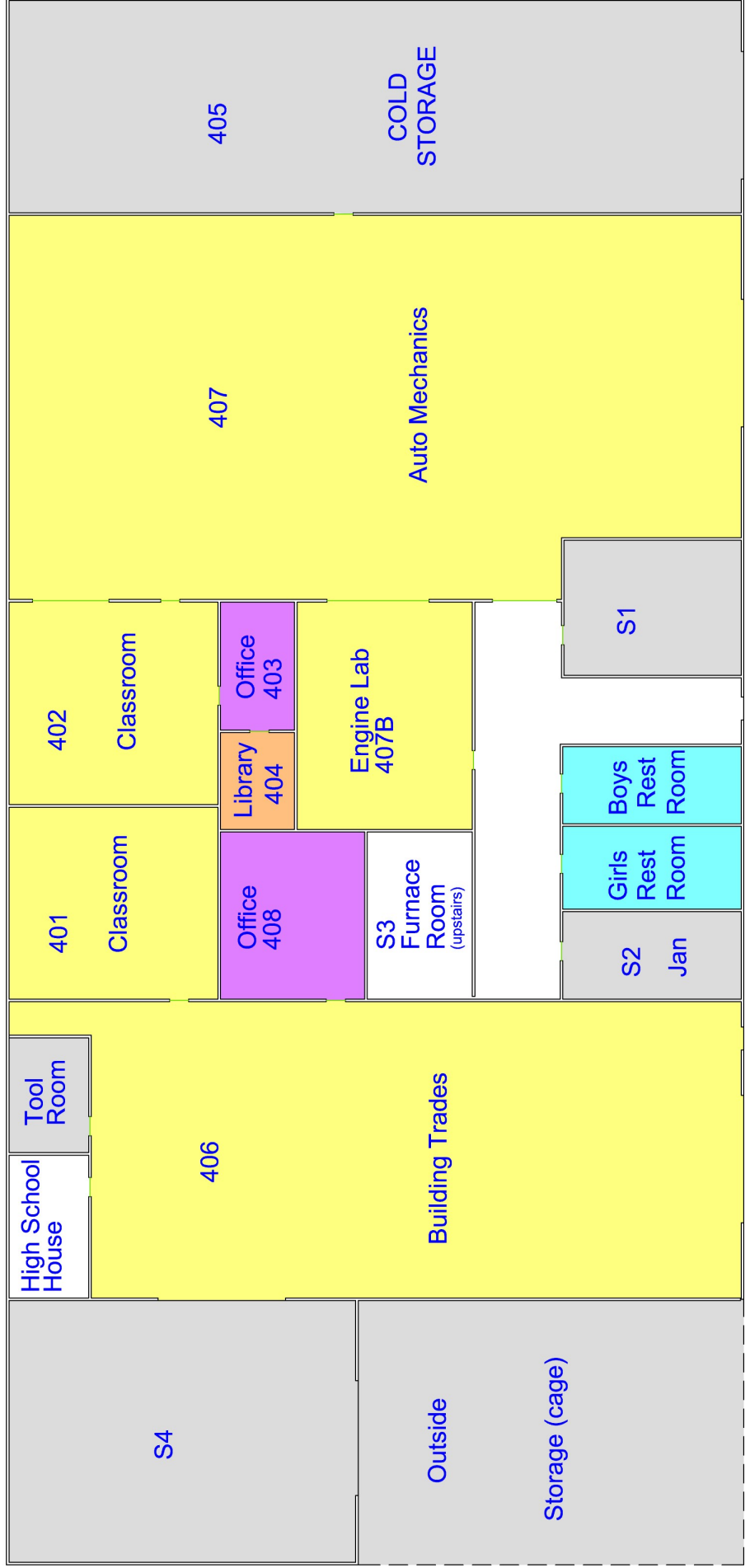




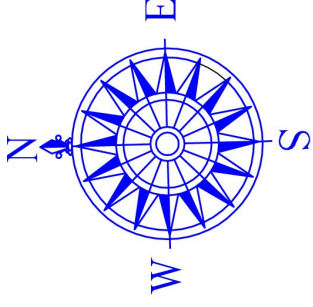
- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

CMR Shop Annex

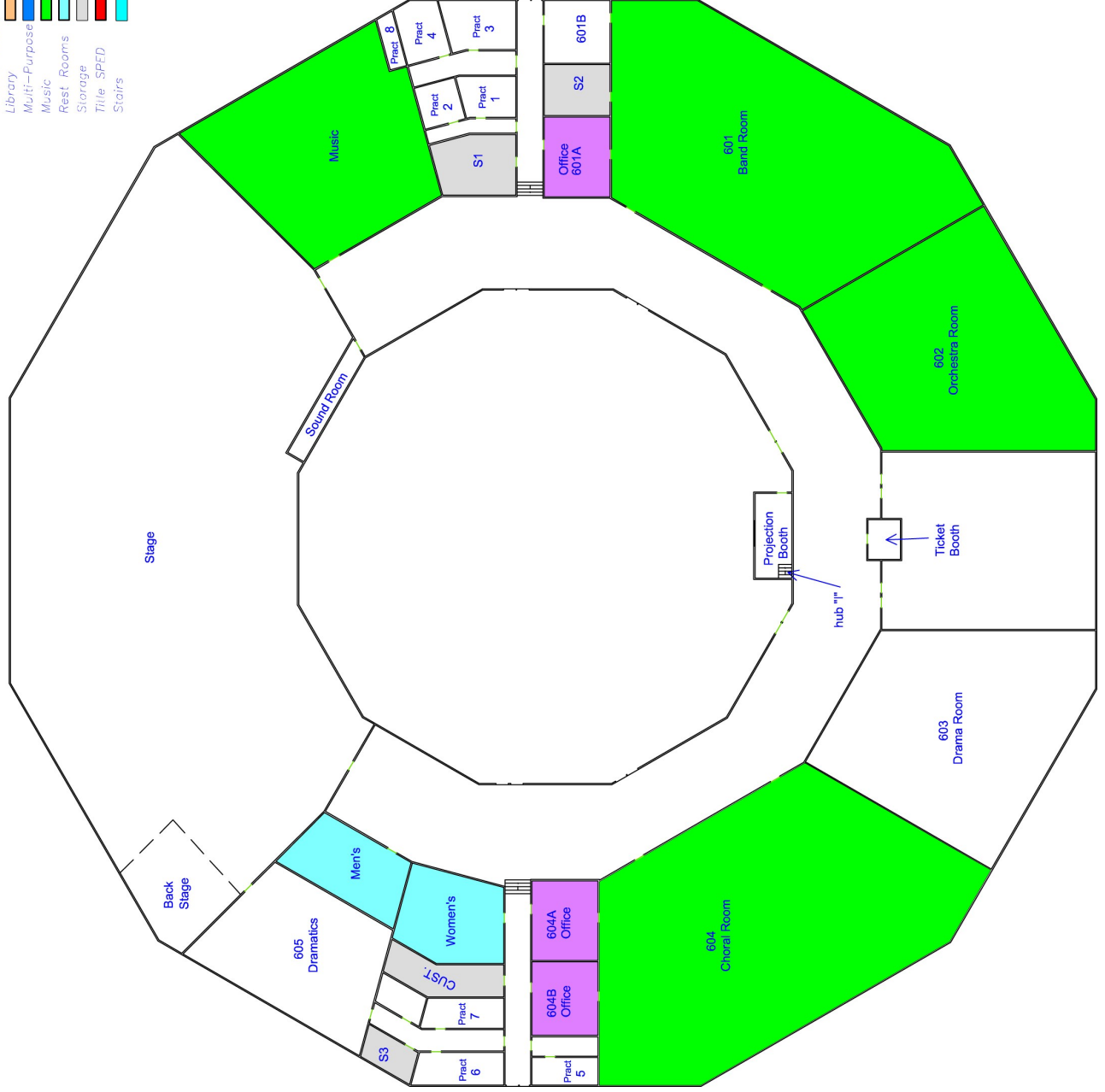
5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014



CMR High School
 Bill Williamson Hall
 5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014

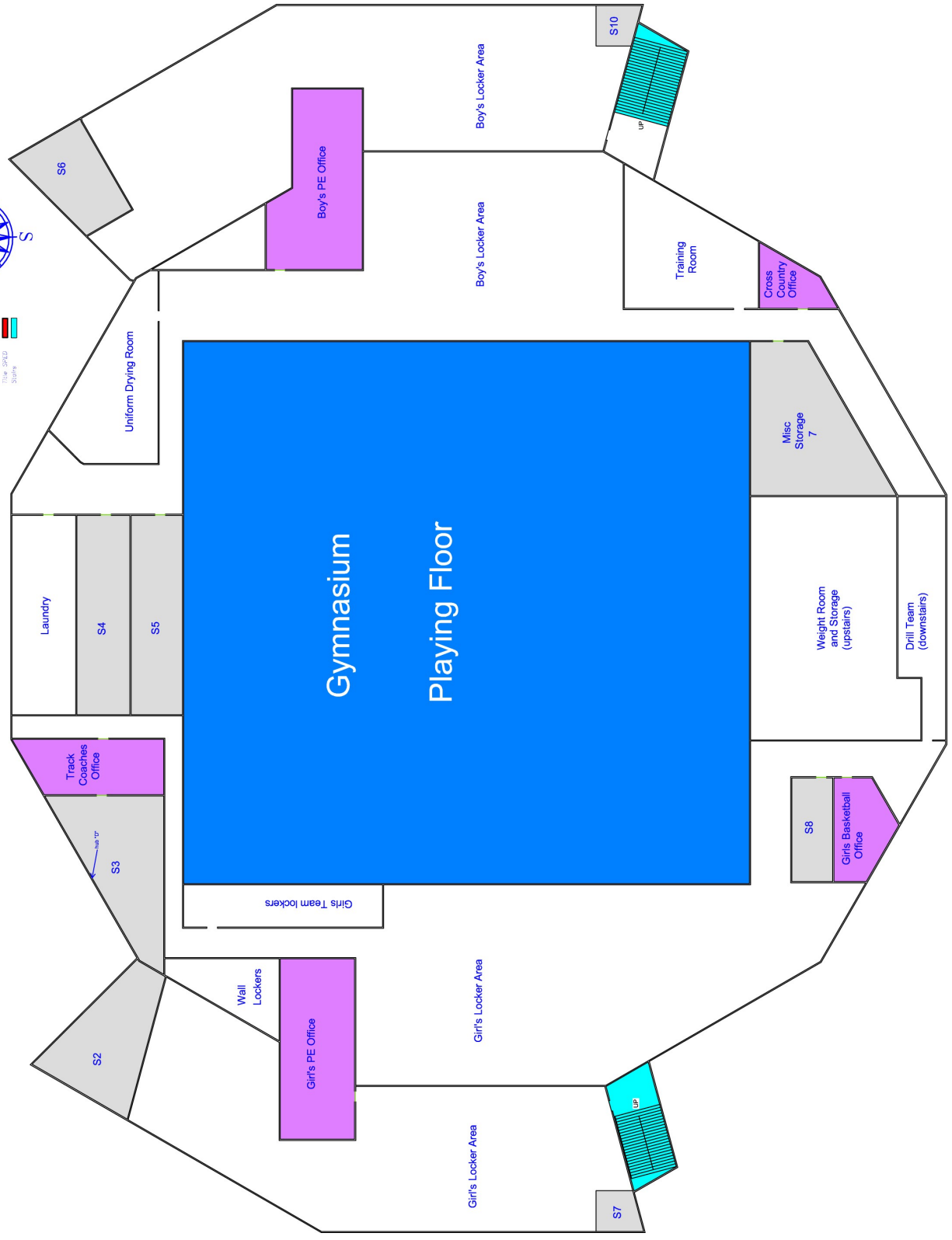
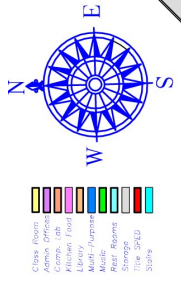


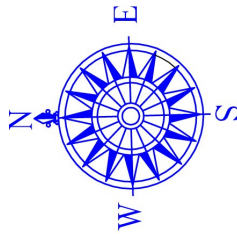
- Class Room
- Admin. Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs



CM Russell High School Fieldhouse (lower level)

5.13.2010 UPDATED 11-5-2014 LCT AUTOCAD 2014

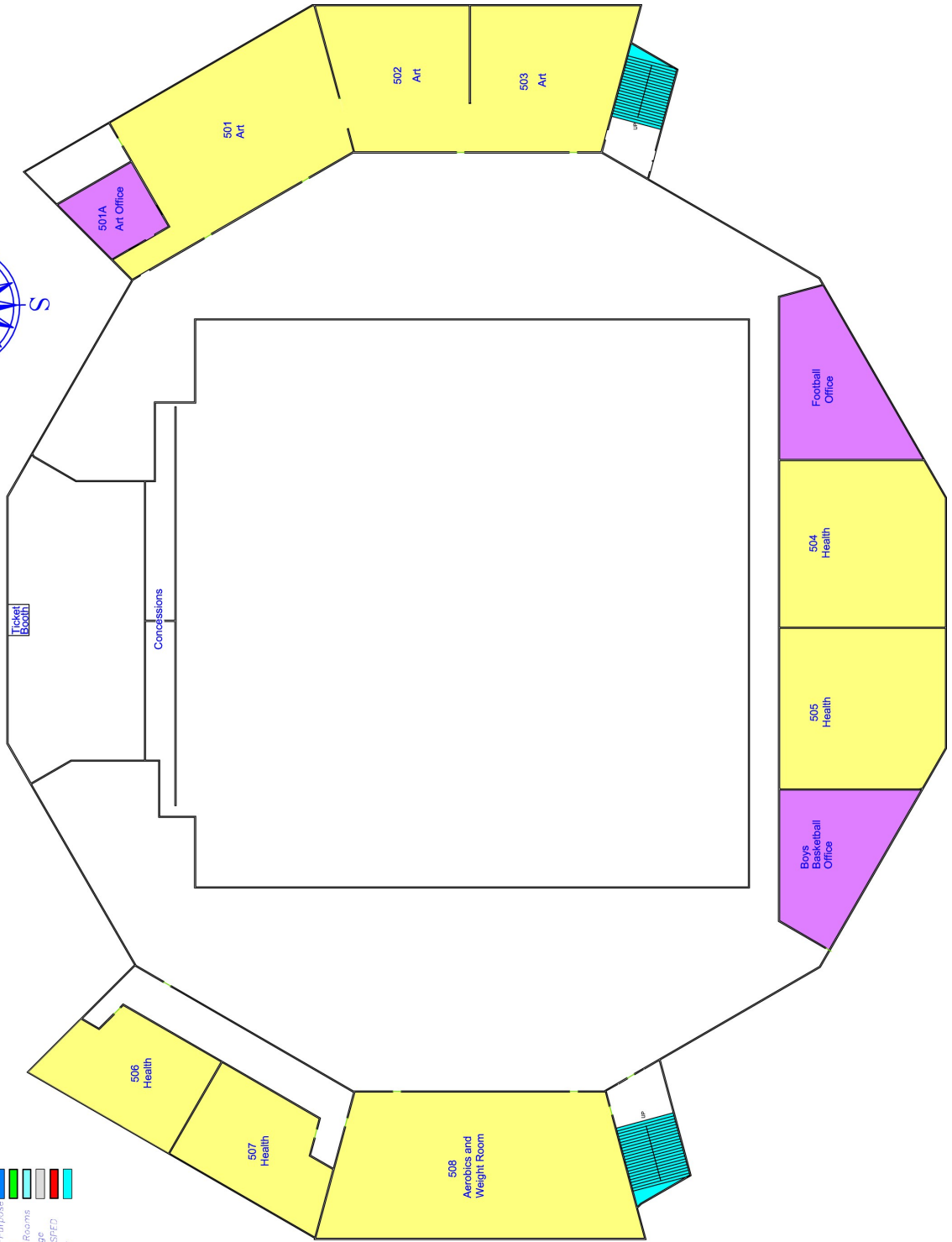


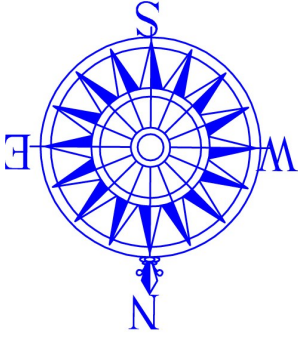


CMR Fieldhouse Upper Level

5.13.2010 UPDATED 11-7-2014 LCT AUTOCAD 2014

- Class Room
- Admin. Offices
- Comp. Lab
- Kitchen / Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title / SFEQ
- Stairs

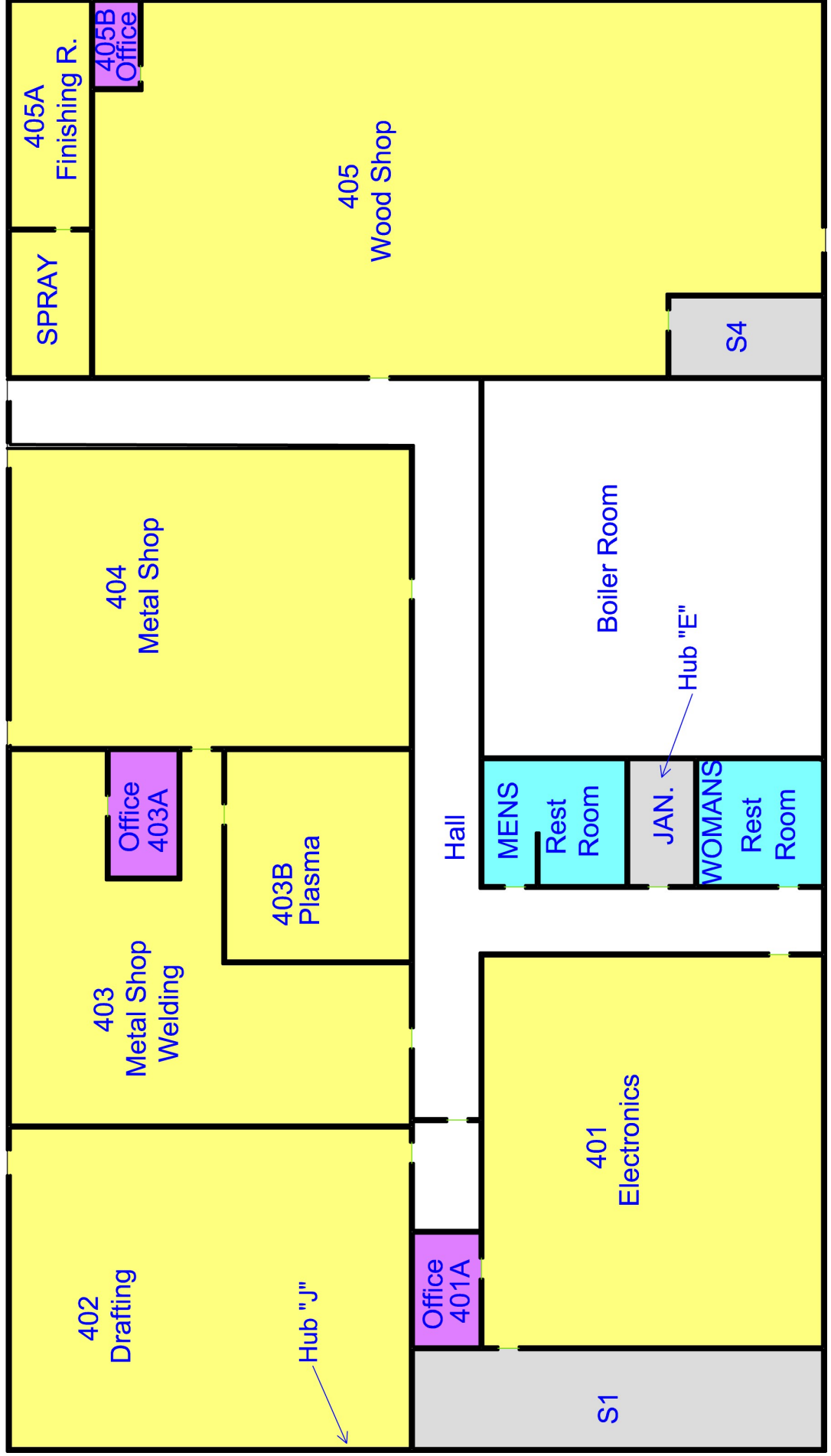




- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

CMR Shop Building

5.13.2010 UPDATED 11-7 2014 LCT AUTO CAD 2014





Great Falls Public Schools Long Range Plan

Great Falls High School

School Information

Address: 1900 2nd Ave S
Constructed: 1930
Additions: 1949, 1954, 1976, 1977
Lot Size: 18.51 Acres
Classrooms: 57 MC, 15 SC
Sq. Ft: 318,201
Shared Use: CSCT, SRO, Probation, Pathway Advisor, City League Sports, Lesley College, MT Coaches' Assoc. Clinic, Armed Forces Recruiters
Oct. Enrollment: 1,322 (-37)
Accredited Capacity: 2,850
Overload Max Capacity: 2,850
Functional Capacity: 1,995
Breakfast Program: Yes
 Cafeteria based

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear
 -Outlet Strips
 -Storage Strips
 -Safety Guards and Face Shields
 -First Aid Kits Checked
 -Eye Wash Stations Checked
 -Containers Labeled
 -Chemical Inventory Lists-SDS
 -Refrigerators - "Food" or "No Food"
 -Code Blue Teams/AED
 -Playgrounds 9: of Fill
 -Ice on Sidewalks
 -Accident/Incident Reporting

Kitchen Items

Install plastic cover over the on/off switch for ventilation
 -Cold water in main sink will not get cold
 -Hand washing sink will surge scalding hot water occasionally
 -Investigate for insulation of steam pipe
 - work order items—no update as meeting was not held

2016 Bond Related Master Facility Plan Items

Memorial Stadium—turf & track
 Phone System
 Plumbing
 HVAC
 HUB
 Parking
 CTE/STEM
 Electrical

Enrollment Projection

Great Falls High School

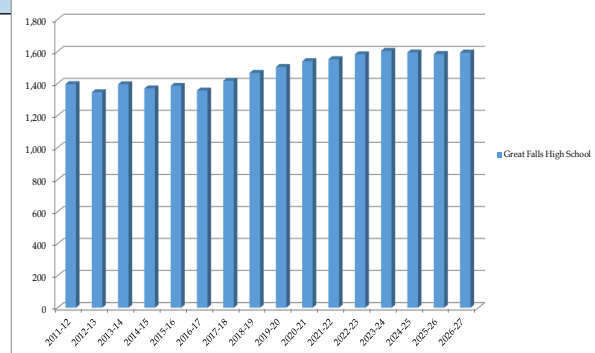
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
9	404	419	401	388	419	427	460	415	439	467	470	456	467	456	458	466
10	356	322	368	364	318	346	376	405	365	386	411	414	401	411	401	403
11	314	322	321	329	341	281	322	350	377	339	359	382	385	373	382	373
12	322	282	305	288	307	302	259	296	322	347	312	330	351	354	343	351
Total:9-12	1,396	1,345	1,395	1,369	1,385	1,356	1,417	1,466	1,503	1,539	1,552	1,582	1,604	1,594	1,584	1,593
Total: 9-12	1,396	1,345	1,395	1,369	1,385	1,356	1,417	1,466	1,503	1,539	1,552	1,582	1,604	1,594	1,584	1,593
Change		-51	50	-26	16	-29	61	49	37	36	13	30	22	-10	-10	9
% Change		-3.7%	3.7%	-1.9%	1.2%	-2.1%	4.5%	3.5%	2.5%	2.4%	0.8%	1.9%	1.4%	-0.6%	-0.6%	0.6%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years

Great Falls High School



Building Information/0 to 2 Year Identified Projects

This high school was constructed in 1930 with additions being added in 1949, 1954, 1976, 1977, 1996 and 2018. The most recent bond related construction work included the addition of the HUB which connected the original Main Campus building to the South Campus. Memorial Stadium was upgraded by adding turf as well as replacing the all-weather track. The auditorium also had a major renovation provided by the DA Davidson family. The District traded twenty acres of land by Loy Elementary School for 6 lots of Kranz Park. The long range plan includes adding parking right next to Memorial Stadium while working with the City of Great Falls to close the street between the existing practice field and Kranz Park. The current practice field would then be extended to make up the space that the new parking took.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Plumbing and windows.

Major Construction History:

2020: Irrigation, Auditorium, HVAC, windows, Stadium sound system, pool showers and pumps, lower hallway, music room, gym floor temp fix, restroom partitions (field house)
2019: Windows, HUB, Parking lots, Fire lane, roof
2018: Phone systems, Start of Bond project
2017: Memorial stadium turf, Fieldhouse boiler, Verizon antenna, Pool—cleaning, epoxy & blocks, ADA Curb, Air Handlers—gym, Exterior safety lights, windows—room 309
2016: Fieldhouse boiler, SPED bathroom, added windows (12), Jack Fischer Memorial Garden
2015: Well, LED lights in auditorium, Women's restrooms, Pool cleaning, Tech & Verizon room, Asbestos abatement, New windows, New electrical service to main campus, I.T. building coil
2014: I.T. boilers, S.Campus fire alarm system, Dust collection system work, new lighting main campus and I.T., Asbestos abatement, I.T. building doors, Fieldhouse Entrance concrete, Stadium asphalt, irrigation, fences, retaining wall project, new computer labs 105, library computer lab and office construction, weight room & wrestling room ventilation, pipe insulation, remodel science lab tables, S.Campus ventilation work, replace fire system sprinkler heads, new drinking fountains, new pool pump & plumbing work, S.Campus chiller, New natural gas service for I.T. building
2013: Condensate return project, Beasto, New DHW boiler, fuel tank removal project, pool cleaning & repair, boiler burner, Field house speaker project
2012: S.Campus 107 handicap remodel, room 107 main campus remodel (B&G portion), refinish field-house gym floor, Asbestos abatement
2011: Shop retrofit, Enclose field house storage, new west side stairs, Asphalt staff lot, bleacher replacement
2010: concrete outdoor classroom, fire alarm system (partial), remove B-1 parking area, Deca store upgrade
2009: S.Campus lower steps, S.Campus sidewalk drain, Entrance to field house parking
2008: S.Campus boiler, re-asphalt lake bison, exterior redo stadium press box, carpet music rooms/office
2007: Replace kitchen dishwasher, B&G shower room remodel
2006: Replace I.T. shop concrete entrance, gas airflow burner in wrestling room
2005: Sand & seal old gym, main roof replacement
2004: Replace auditorium sound system

Technology Projection:

projection project completed, sound booth being built,

1. IT Tickets
2. E-Rate Program Upgrade
3. Bond Impact—see above
4. Tech Plan Review Date & Time

GFPS Building Technology Plan – 11/12/20

Location: Great Falls High School

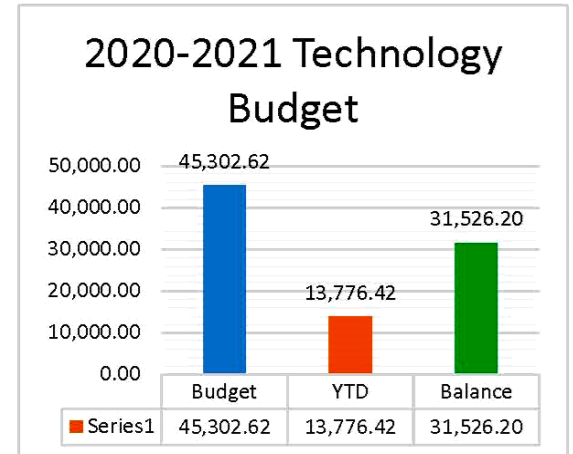
Building technology goals 2019:

1. Laptops for counselors
2. The big guy gets a new desktop and laptop
3. Review teacher computers for replacement
4. Training for interactive projectors
5. Run activity report on iPads
6. Move computers from 112a to 104B
7. Replace mobile lab in library?

8. Develop plan for centralized print centers

Building technology goals 2020:

1. Door security system operational and new added to main campus
2. Wireless 3rd floor Main
3. Business room move to 103 (summer)
4. Old Cafeteria – Drafting/CAD (wiring, electrical)
5. South Campus projector replacements



Wireless – move to 5 Ghz

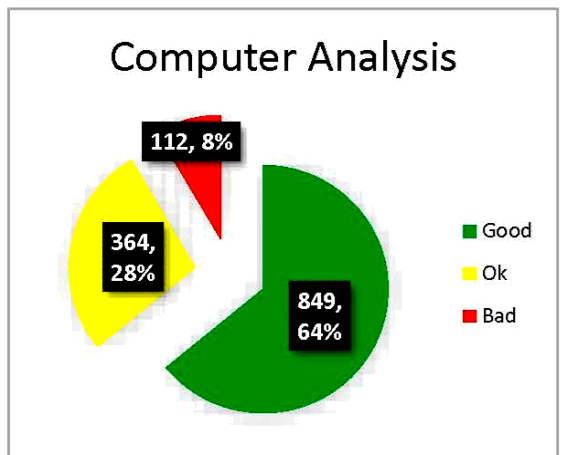
Video Surveillance Expansion– 192-internal/external, 8-SPED, 9-NVR

Secure Foyer / Raptor Visitor Mgt – Y/N

External Warning System - Y

Devices: Replacements - \$37,422.54

- PC – 589 (29, 309)
- Laptop – 200(62, 10)
- Chromebook – 494
- Chromebook Carts – 16
- iPod/iPad – 40 (21, 19)
- Printers - 67
- Projectors – 65 (4-83+, 2-83c, 1-77c)
- Smartboards/Ebeams – 3/1
- Promethean Panels - 6
- Doc Cameras – 40



2:1 student to device goal (9-12) – 2.39:1 (1439:601)

Student Desktop Computers: 456/26, 282

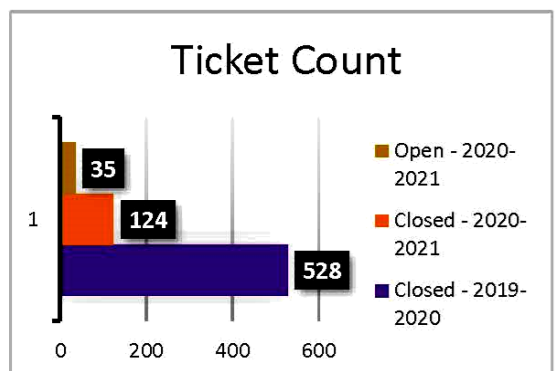
Professional Development – Define how you expect to see technology support your instructional goal. Google Classroom, Zoom, many others

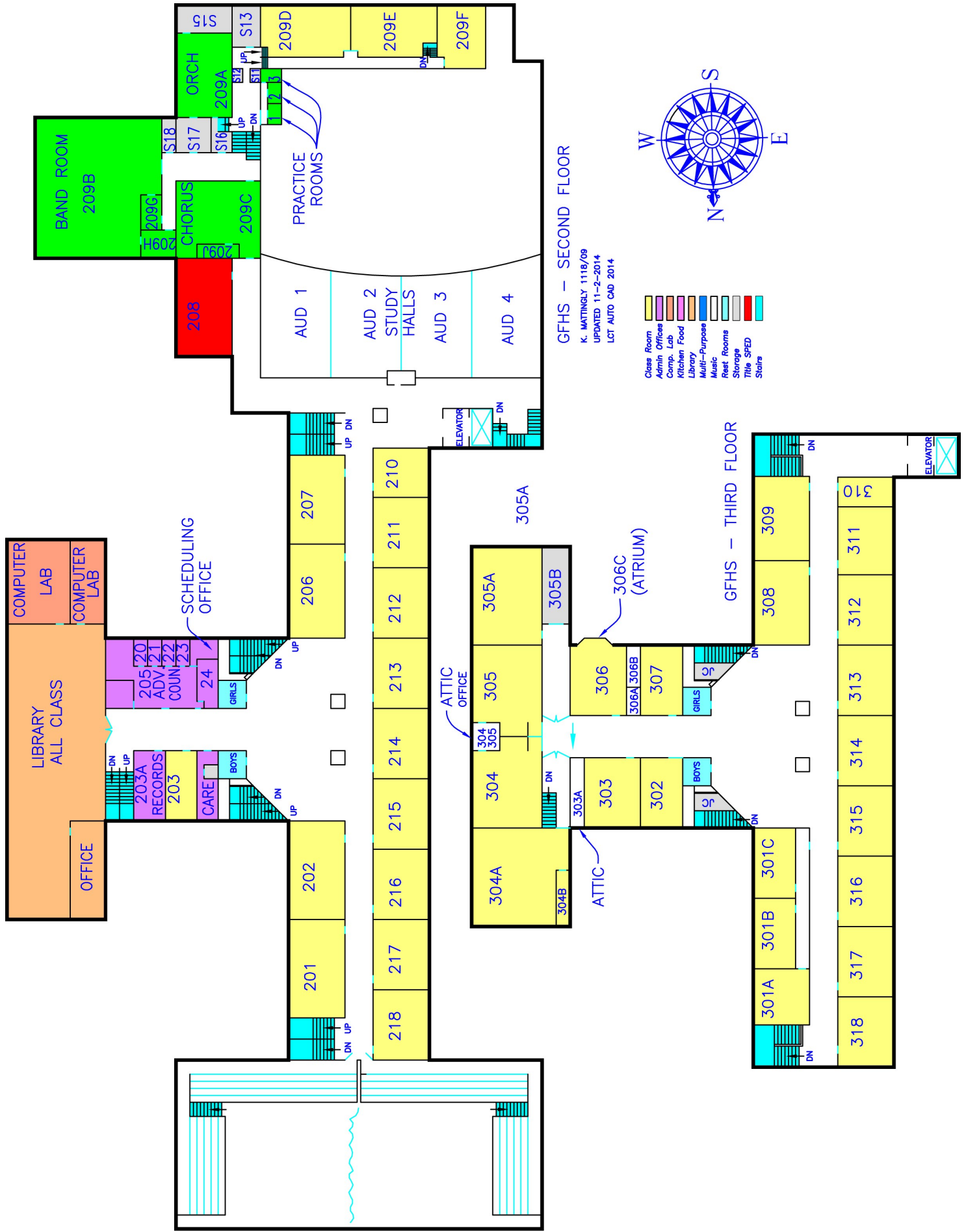
Misc:

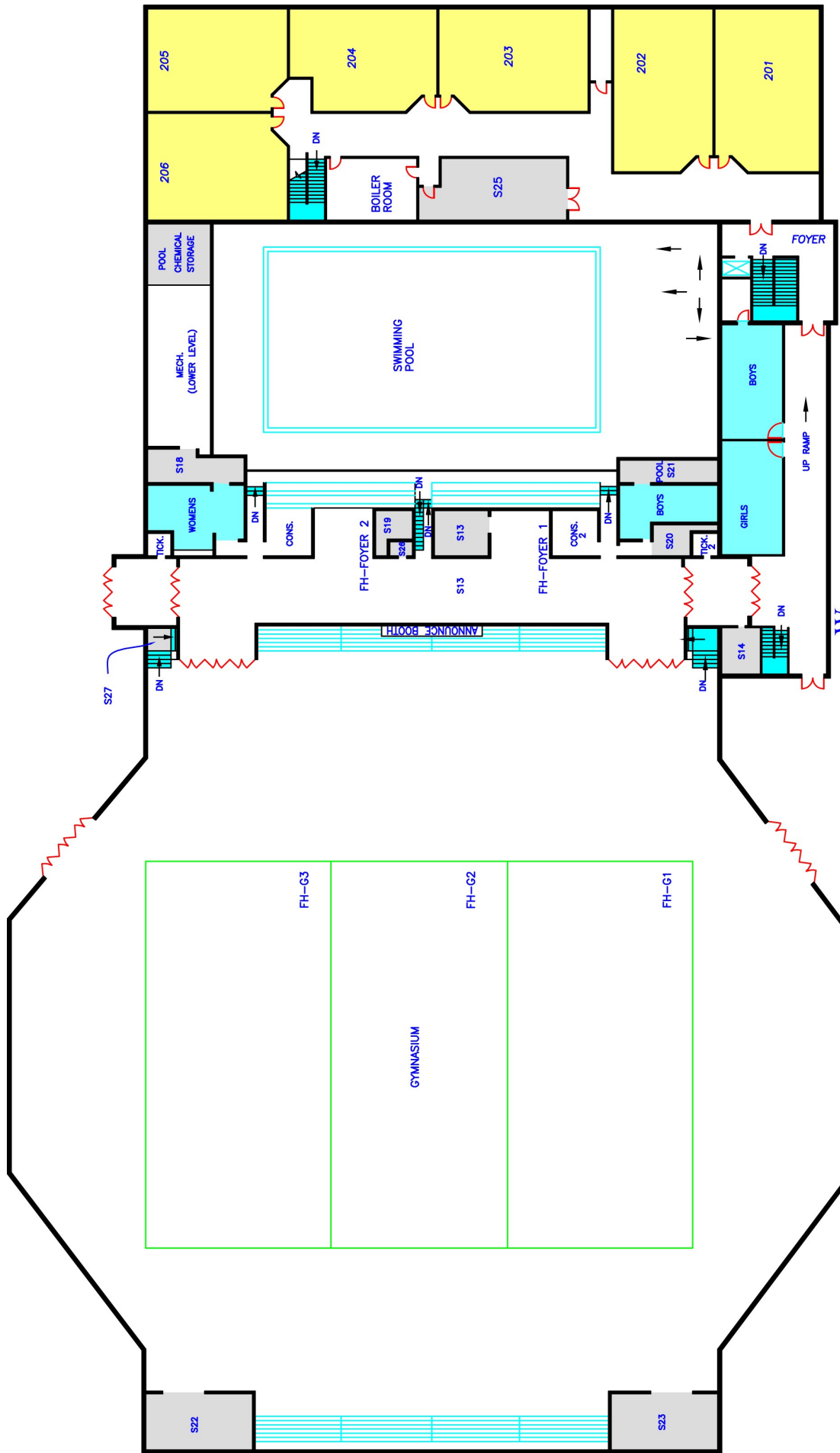
Remote Learning – Mobile Devices

Security and Privacy

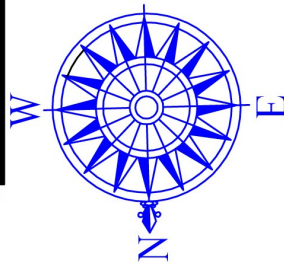
5 Year Technology Plan







- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

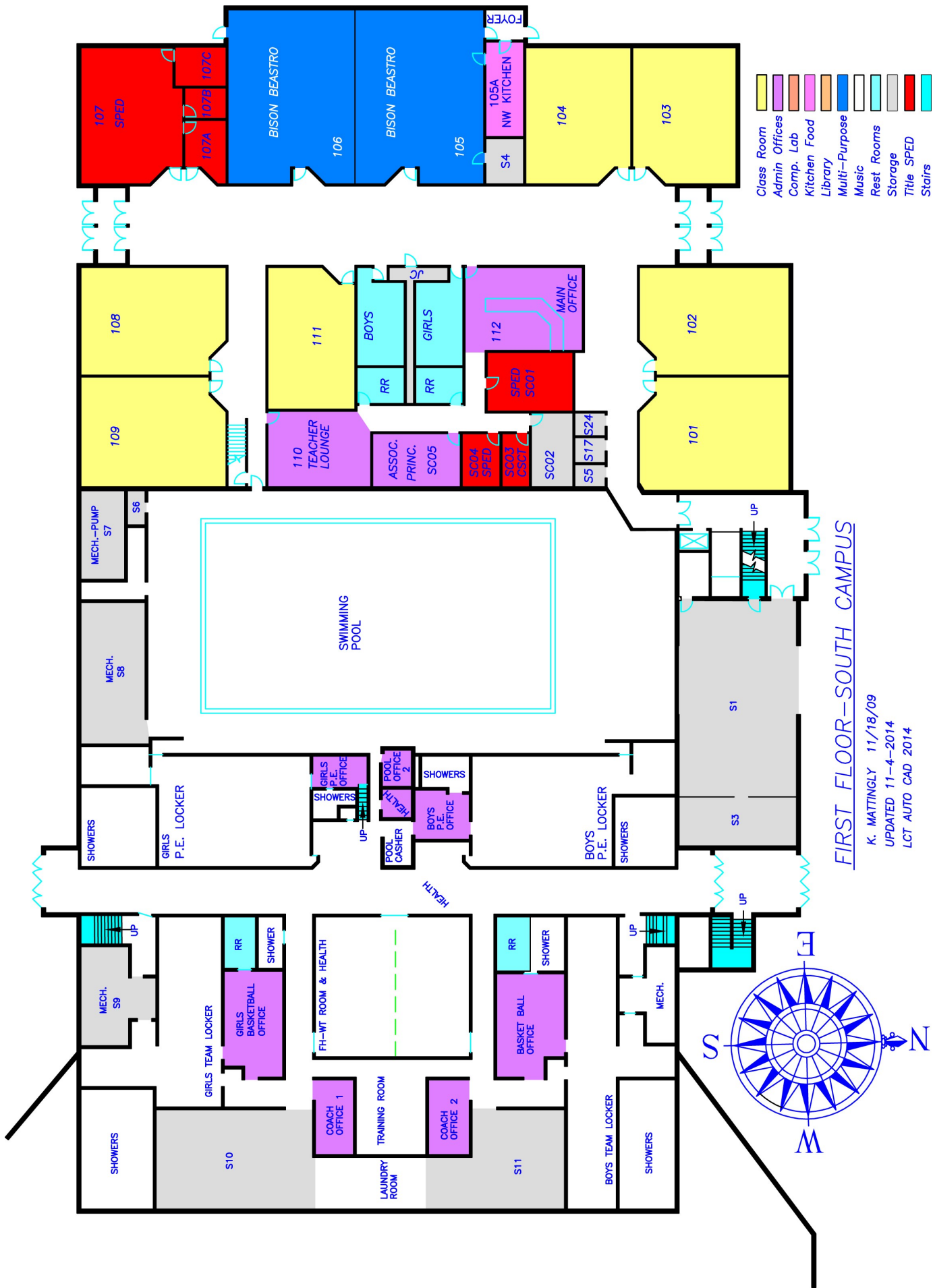


SECOND FLOOR-SOUTH CAMPUS

K. MATTINGLY 11/18/08

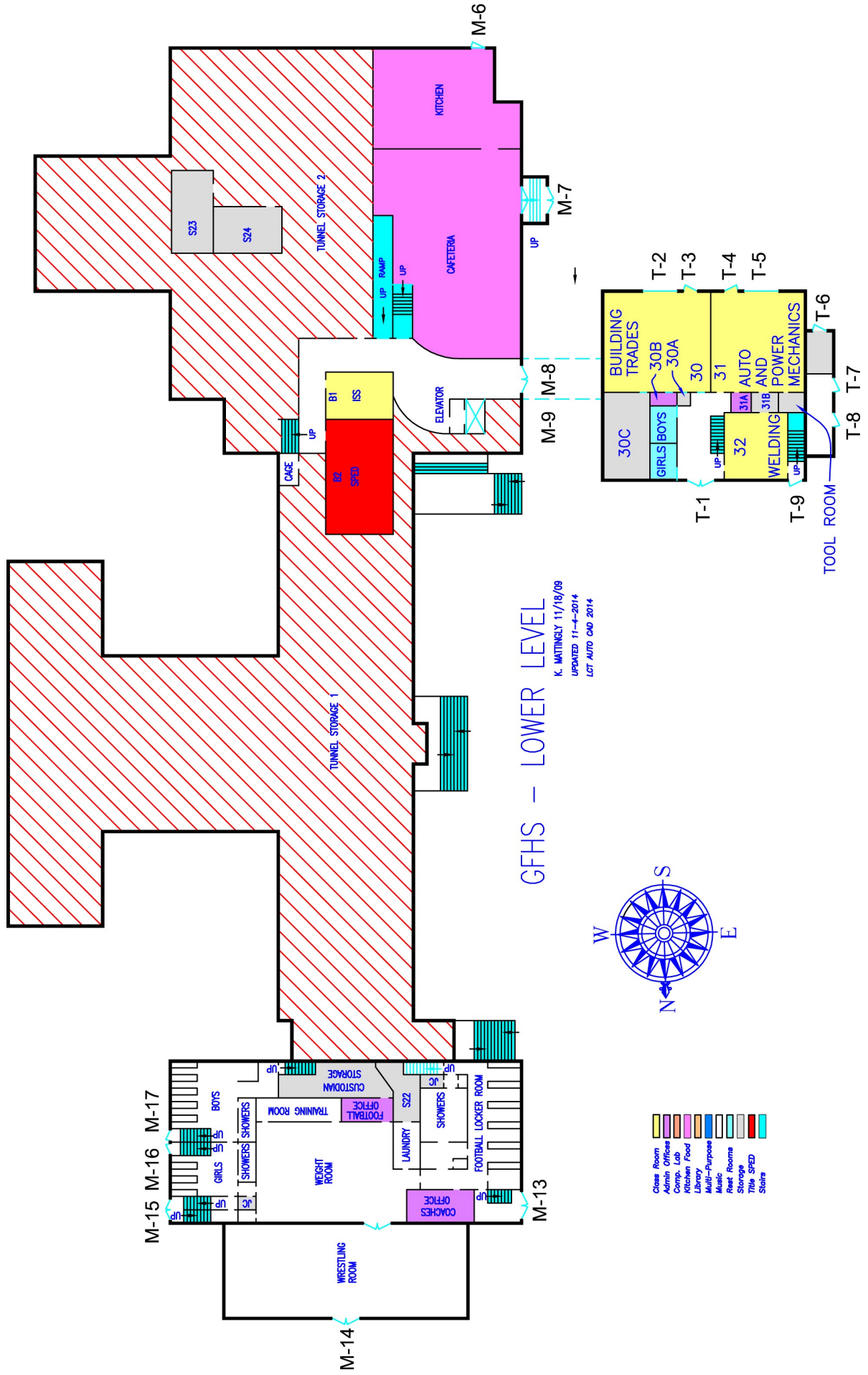
UPDATED 11-4-2014

LCT AUTO CAD 2014



FIRST FLOOR—SOUTH CAMPUS

K. MATTINGLY 11/18/09
 UPDATED 11-4-2014
 LCT AUTO CAD 2014





Great Falls Public Schools Long Range Plan

Paris Gibson Education Center

School Information

Address: 2400 Central Ave
Constructed: 1948
Additions:
Lot Size: 6.44 Acres
Classrooms: 59
Sq. Ft: 128,956
Shared Use: Daycare facility with 5 rooms, Fitness Center, District Programs— Art, Music, Nurses, Homeless Coordinator, Mental Health, Special Education, Native American Library, Adult Education classrooms, Drug & Alcohol Center, community resource center, district office personnel and District auto center, CARE Program, Environmental Education
Oct. Enrollment: 256 (+38)* Avg Enrollment
Accredited Capacity: 1770
Overload Max Capacity: 1770
Functional Capacity: 1239
Breakfast Program: Yes - cafeteria

Building Safety Items

Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear
 -Outlet Strips
 -Storage Strips
 -Safety Guards and Face Shields
 -First Aid Kits Checked
 -Eye Wash Stations Checked
 -Containers Labeled
 -Chemical Inventory Lists-SDS
 -Refrigerators - "Food" or "No Food"
 -Code Blue Teams/AED
 -Playgrounds 9: of Fill
 -Ice on Sidewalks
 -Accident/Incident Reporting

Kitchen Items

Paint both roll down doors - **not utilized—use for lockdown**
 Exhaust hood—clean
 Ceiling tiles in office area
 Bumpers for tables—**work order**
 hook for roll up door—**work order**
 Vent for dishwasher (fan)- **work order**
 drain does not connect from the HUB AC—**work order**
 Ceiling above the freezer not complete (need air flow)

Enrollment Projection

Paris Gibson Education Center

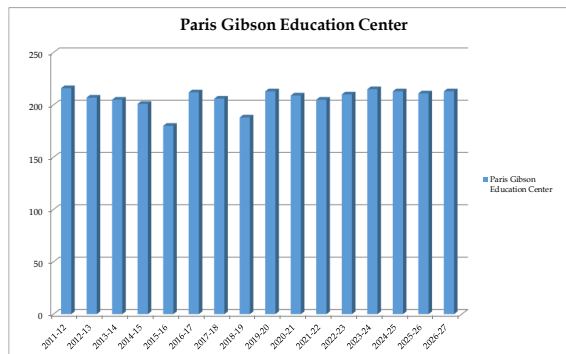
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
9	34	26	20	5	11	43	41	37	39	41	41	40	41	40	40	41
10	49	35	35	34	31	23	47	45	41	43	45	45	44	45	44	44
11	48	70	52	65	59	55	30	52	50	45	47	50	50	48	50	48
12	85	76	98	97	79	91	88	54	83	80	72	75	80	80	77	80
Total: 9-12	216	207	205	201	180	212	206	188	213	209	205	210	215	213	211	213

Total: 9-12	216	207	205	201	180	212	206	188	213	209	205	210	215	213	211	213
Change		-9	-2	-4	-21	32	-6	-18	25	-4	-4	5	5	-2	-2	2
% Change		-4.2%	-1.0%	-2.0%	-10.4%	17.8%	-2.8%	-8.7%	13.3%	-1.9%	-1.9%	2.4%	2.4%	-0.9%	-0.9%	0.9%

Forecasts Developed April 2017

Green Cells (2016-17 and earlier) are historical data

Blue Cells (2017-18 and later) are forecasted years



Building Information/0 to 2 Year Identified Projects

This building, constructed in 1948 has received extensive bond related work including a new roof, the addition of an elevator, a new heating system along with controls, and new windows to be added during the summer of 2021. This building houses the Young Parents Education Center and an Alluvion Health Clinic as well as many Districtwide programs. The Native American Library is one of the best in the region.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Safety and Windows.

Major Construction History:

2020: Major Paint and Patch
2019: Boilers, Domestic water lines, Ceilings (HUB & Lobby), Library flood renovation, roof
2018: Roof work, cafeteria remodel, Outdoor Alarm system
2017: Elevator, windows, loading dock
2016: Refrigerator/Freezer, Parking lot
2015: Boiler burner, Exterior doors
2014: Roof work, Basement sewer line work, entrance sidewalk, Gym sound system replaced, Library/HUB/Office carpeting,
2013: Domestic hot water, AC work
2012: Compactor, Fire Alarm System
2011: Cafeteria tile
2010: paint stucco and trim, abate and re-tile cafeteria and 2nd floor hallways, boiler feed pump
2009: gym sound system, replace W bleachers
2008: Re-plumb kitchen, resurface gym floor, window coverings 9 rooms, CCTV security system
2007: Move from Skyline
2006: Auto Technology Center
2004: Replace sewer line, refurbish all lockers
2001: Install drafting lab
1999: Gym entrance doors, irrigation

2016 Bond Related Master Facility Plan Items

Elevator- completed Summer 2017
 HVAC Controls-
 Domestic water system replacement-
 Extensive plumbing throughout building-
 Shop roof-
 Roof on main building-
 Replace windows- dates?—will it conflict with summer school? June 11th—July 2nd classes end at noon each day
 Cafeteria tables-
 Phone system
 Need Storage for items leaving the building

Technology Projection:

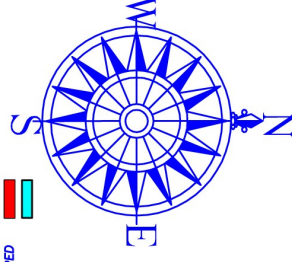
1. No mobile labs at this time
2. **Fiber fix**
3. E-Rate Program Update
4. Bond Impact—phone
5. **Phone room cooling**
6. Indian Education lab is outdated
7. **Hub projector installed**

PARIS GIBSON MIDDLE SCHOOL

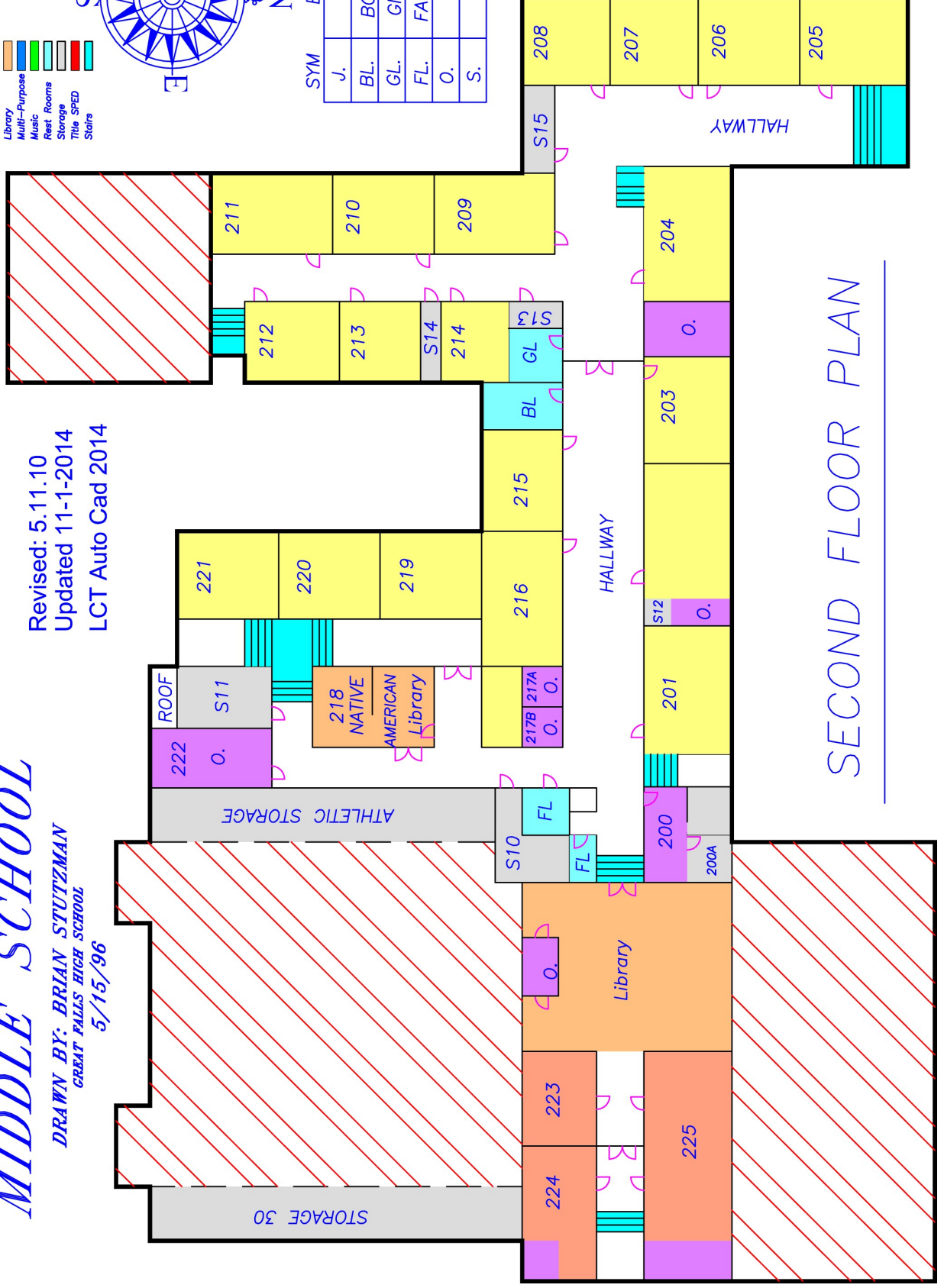
DRAWN BY: BRIAN STUTZMAN
GREAT FALLS HIGH SCHOOL
5/15/96

Revised: 5.11.10
Updated 11-1-2014
LCT Auto Cad 2014

- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs



SYM	EXPLANATION
J.	JANITOR
BL.	BOYS' LAVATORY
GL.	GIRLS' LAVATORY
FL.	FACULTY LAVATORY
O.	OFFICE
S.	STORAGE



SECOND FLOOR PLAN

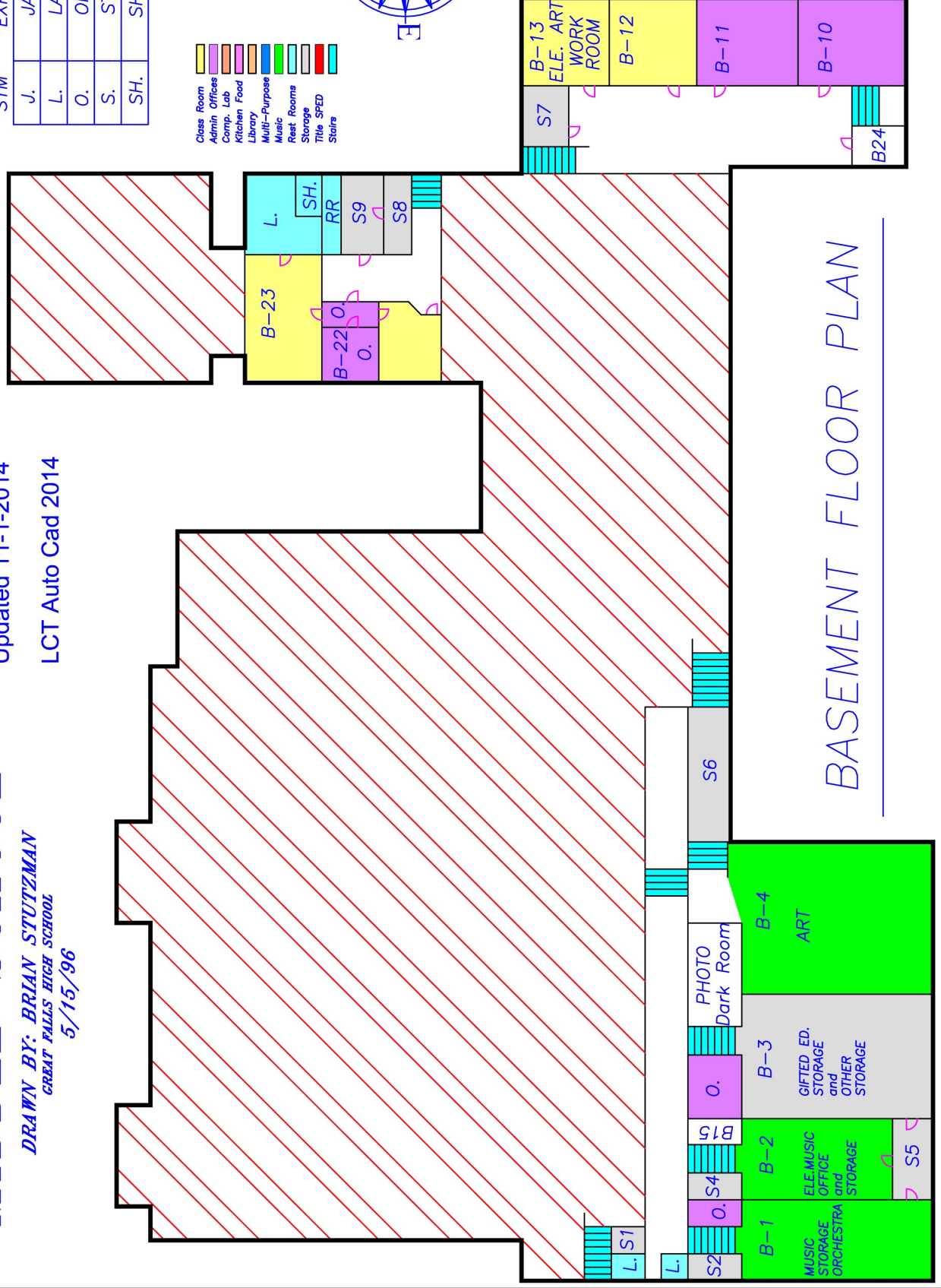
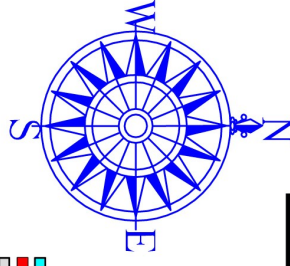
PARIS GIBSON MIDDLE SCHOOL

DRAWN BY: BRIAN STUTZMAN
GREAT FALLS HIGH SCHOOL
5/15/96

Revised: 5.11.10
Updated 11-1-2014
LCT Auto Cad 2014

SYM	EXPLANATION
J.	JANITOR
L.	LAVATORY
O.	OFFICE
S.	STORAGE
SH.	SHOWER

Class Room	Admin. Offices
Comp. Lab	Kitchen Food
Library	Multi-Purpose
Music	Rest Rooms
Storage	Title
Stairs	Stairs



PARIS GIBSON

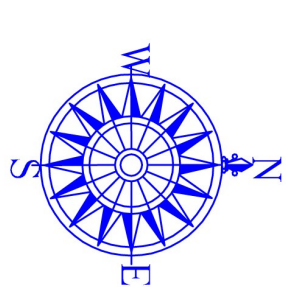
Revised: 5.11.10

Updated 11-1-2014

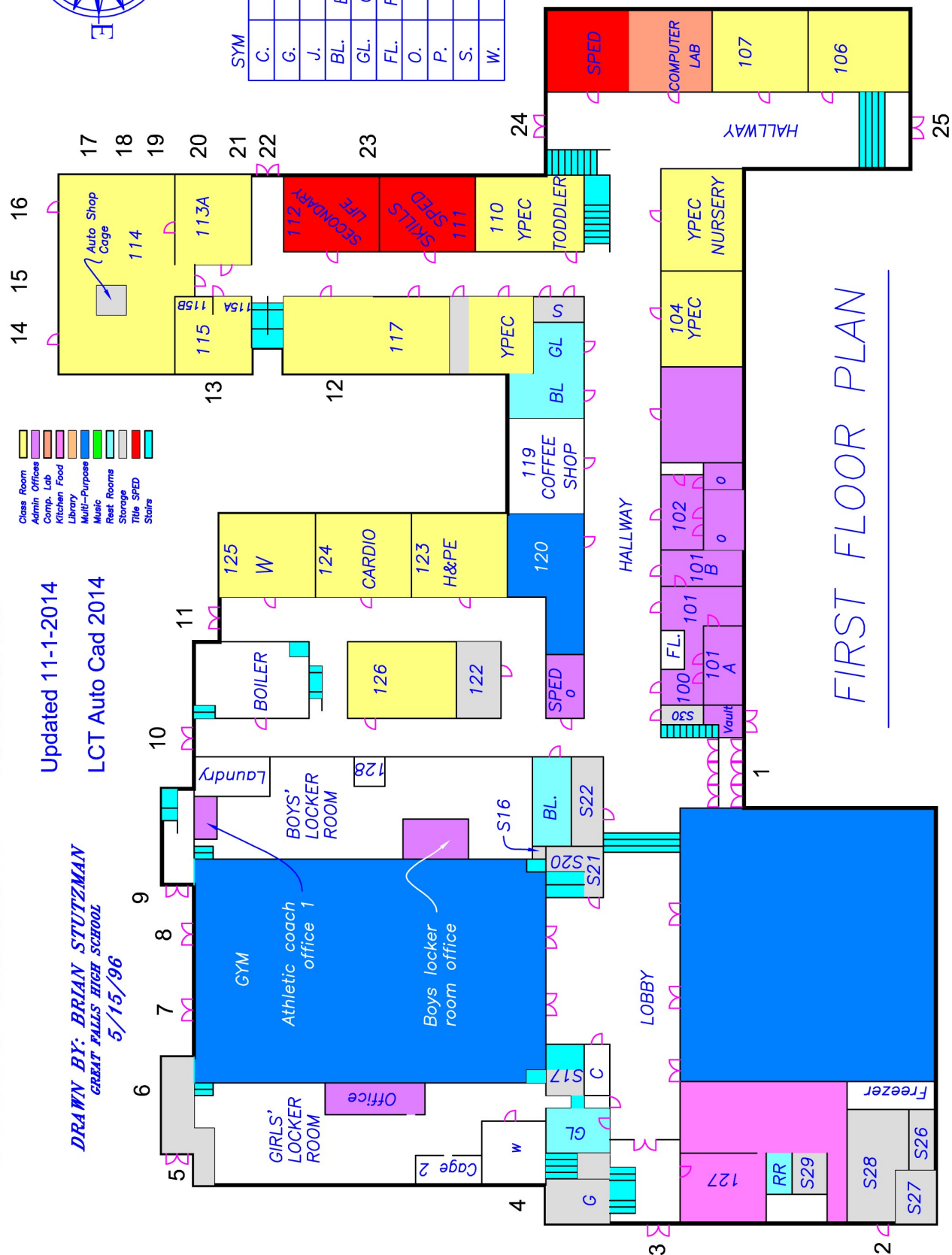
LCT Auto Cad 2014

- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

DRAWN BY: BRIAN STUTZMAN
GREAT FALLS HIGH SCHOOL
5/15/96



SYM	EXPLANATION
C.	CONCESSION
G.	GARAGE
J.	JANITOR
BL.	BOYS' LAVATORY
GL.	GIRLS' LAVATORY
FL.	FACULTY LAVATORY
O.	OFFICE
P.	PAINT
S.	STORAGE
W.	WEIGHT



FIRST FLOOR PLAN



Great Falls Public Schools Long Range Plan

Skyline School

School Information

Address: 3300 Third St NE
Constructed: 1970
Additions:
Lot Size: 8.02 Acres
Classrooms: 19
Sq. Ft: 46,797
Shared Use: AWARE, Benefis, MSU Extension, QLC
Oct. Enrollment: 112
Accredited Capacity: 478
Overload Max Capacity: 554
Functional Capacity: 335
Breakfast Program: Yes—Classroom model

Building Safety Items

Safe & Secure Protocols/Phone Tree
- Make sure current and available
crisis Manager-Electronic Access to District Emergency Protocols
*Employee - General Safety Training and Corresponding documentation
*MT Dept. of Labor and City Co. Health Dept. visits
*SRO Safety Survey - Review if applicable
*Western States Safety Survey - Review if applicable
*Discussion Workers Comp History for Bldg. - Determine safety focus based on top cause/location of claims
- Payne West Training VOD Information - Employee Safety Training Videos
- MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
- Fire Extinguishers Hung Up
- Breaker Boxes Clear
- Outlet Strips
- Storage Strips
- Safety Guards and Face Shields
- First Aid Kits Checked
- Eye Wash Stations Checked
- Containers Labeled
- Chemical Inventory Lists-SDS
- Refrigerators - "Food" or "No Food"
- Code Blue Teams/AED
- Playgrounds 9: of Fill
- Ice on Sidewalks
- Accident/Incident Reporting

Kitchen Items

Vent hood—install permanent damper—Jessa will contract this work. Need to purchase wire rack shelving.

Enrollment Projection

Skyline school was built as an elementary school in 1969 and held classes from 1970 through 1979. In 1979, the building became a Special Education Center. April 9, 1980, a large portion of the building was damaged in a fire. The reconstruction was completed in April 1981.

The building was opened as a preschool in January of 2010 with an enrollment in three classrooms of 25 children, primarily children with disabilities. With the addition of five Title 1 classrooms, the enrollment grew to 95 children in 2013, 104 in 2014, 90 in 2015, 112 in 2016 and 127 in the fall of 2017. While funding currently serves as a limit to enrollment, the anticipated increase in the number of children with disabilities will probably push attendance to over 150 students in the spring fall of 2019.

Building Information/0 to 2 Year Identified Projects

This school was built in 1970 and has served as an elementary school, alternative education program located and most recently as the Early Learning Family Center. It houses the District's Preschool program. The building shares space with the Cascade County Extension Office.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Campus safety and Windows.

Major Construction History:

2020:

2019: **Boiler—replace burner**
2018: Paving, carpet, phone, paint
2017: Playground
2016: Shed
2015: Parking lot asphalt, replaced two fire hydrants.
2014: Awning materials purchased to cover entrance, entry way changed from rug to tile, parking lot reconstruction (asphalt)
2012: Restroom flooring work
2010: Kitchen remodel, playground fencing
2006: NW ADA door windbreaks
2004: Repair student parking
2003: Irrigation sprinkling system
2002: Remodel technology wiring
2000: Reroofing (Modified bit)
1999: Replace fencing

2016 Bond Related Master Facility Plan Items

Phone system - base system will be started in Jan/Feb
SB 307—Wall finishes—painting will begin soon

Technology Projection:

1. IT Tickets 94 Completed 5 Open
2. E-Rate Program Update
3. Bond Impact (see above—phone system)
4. Tech Plan Review Date & Plan
5. Electrical requests

GFPS Building Technology Plan – 11/19/20

Location: Transitional Kindergarten

Building technology goals 2019:

1. Lab Operational
2. Purchase two additional laptops
3. PD to support lab applications

Building technology goals 2020:

1. Mobile lab – Care Act dollars?
2. Raptor Visitor Mgt
3. Camera – gym, cafeteria (deferred)

Wireless – move to 5 Ghz

Video Surveillance Expansion – 7 int, 8 ext, 8 SPED, NVR

Secure Foyer / Raptor Visitor Mgt – N/N

External Warning System - N

Devices: Replacements - \$2,178.35

- PC – 17 (10)
- Laptop – 15 (5)
- Surface Pro – 11
- Printers - 5
- Projectors – 10
- Smartboards/Ebeams – 0/2
- Promethean Panels - 1
- Doc Cameras – 7

Student Desktop Computers: 15 Total

- Stage (15 - 9020-5, 790-10)

Professional Development – Define how you expect to see technology support your instructional goal. Seesaw

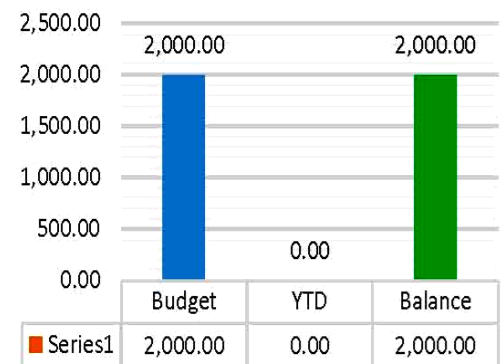
Misc:

Remote Learning – Mobile Devices

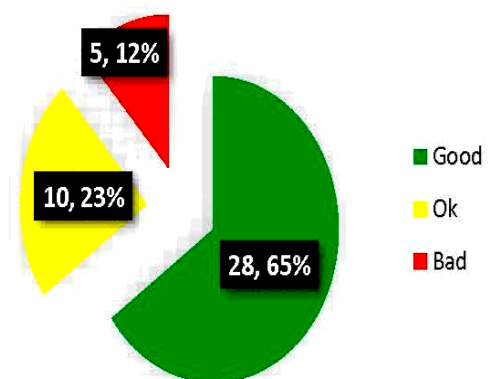
Security and Privacy

5 Year Technology Plan

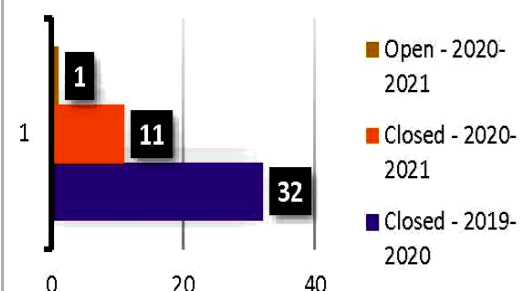
2020-2021 Technology Budget



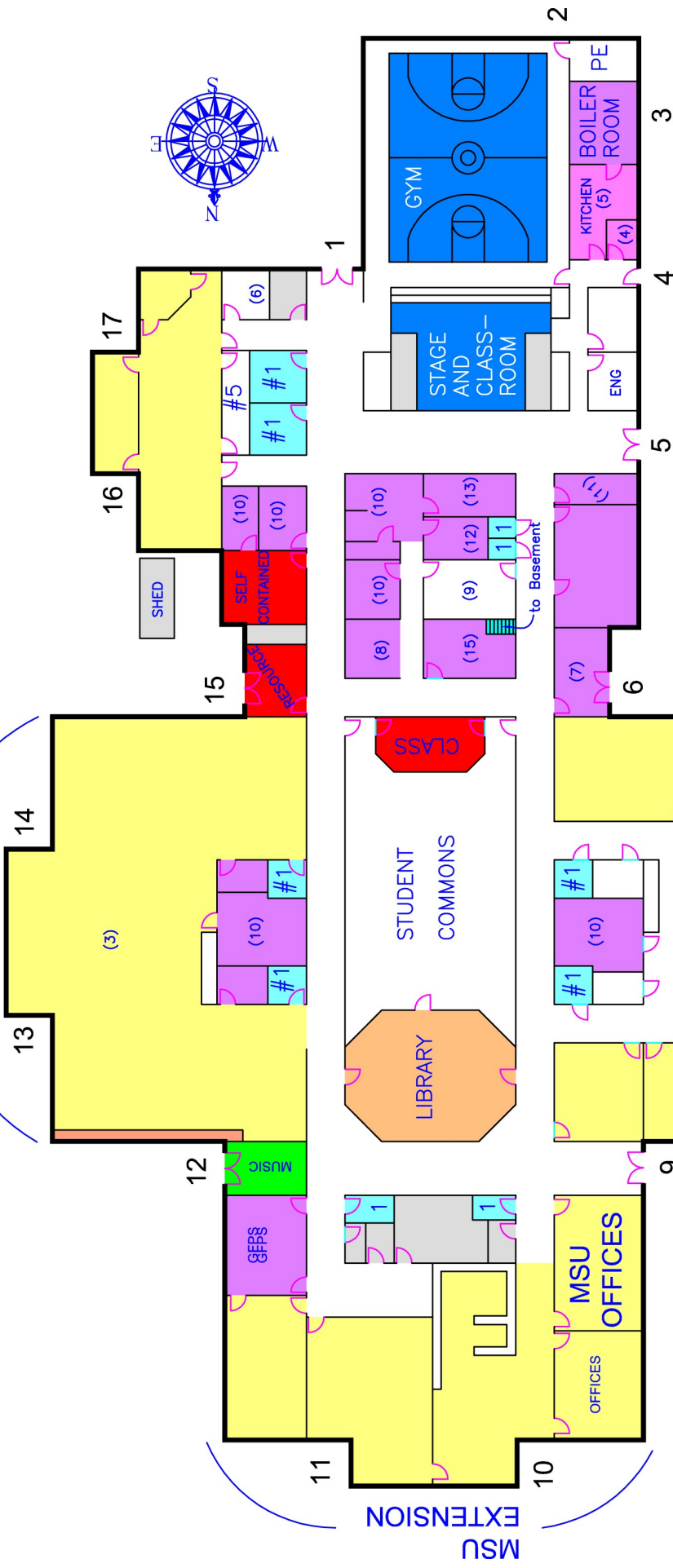
Computer Analysis



Ticket Count



GREAT FALLS
PUBLIC SCHOOLS



- #1 BATHROOM
- #2 EMPLOYABILITY SPECIALIST
- #3 CLASSROOM
- #4 KITCHEN STORAGE
- #5 KITCHEN
- #6 SHOWER ROOM
- #7 AWARE
- #8 HEAD START AWARE
- #9 BENEFIS THERAPY
- #10 OFFICE
- #11 LAUNDRY
- #12 MAIN OFFICE
- #13 HEAD START STORAGE
- #14 HEAD START SUPERVISOR

- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs

SKYLINE EDUCATION CENTER

Revised: 5.11.10

Updated 10-19-2014

LCT Auto Cad 2014

COLIN LANE
GREAT FALLS HIGH SCHOOL
1-5-96



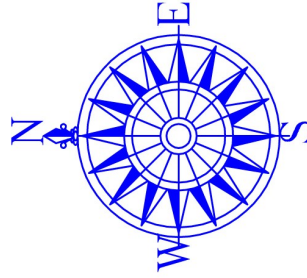
No Lowell Walk Through Sheet

(Lowell)

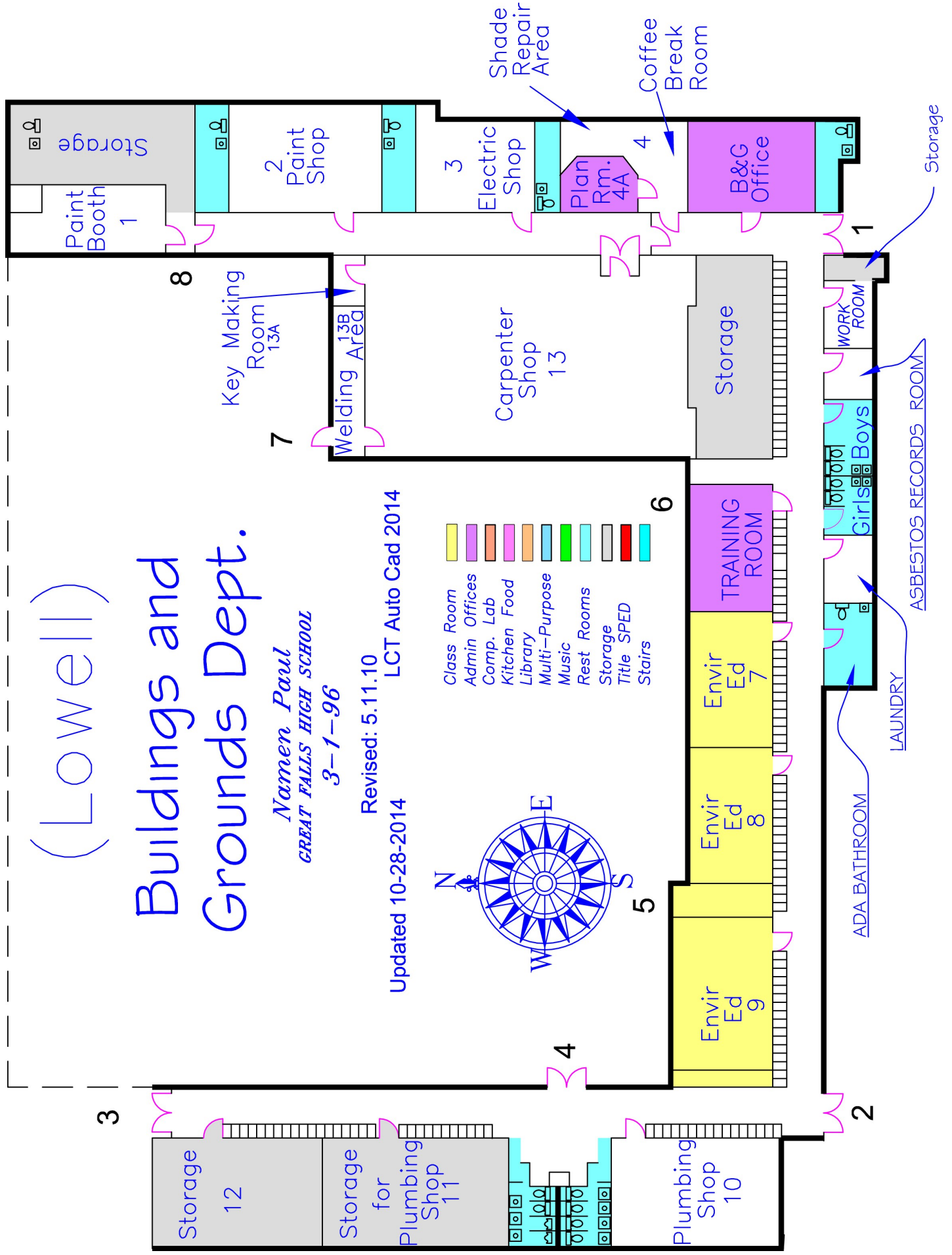
Buildings and Grounds Dept.

Namen Paul
GREAT FALLS HIGH SCHOOL
3-1-96

Updated 10-28-2014
Revised: 5.11.10
LCT Auto Cad 2014



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs





Lowell School

Great Falls Public School Long Range Plan

District Offices Building

Agenda

Fixed Assets	Brian Patrick
Radio Update	
Technology Review/Overview	Tom Hering
Review of Summer Projects & Work Orders	Shaun Hammatt
Building ADA Review Items	Shaun Hammatt
OSHA/DOL/Cascade Co. Health Dept. Inspections	
Building Safety Items Status	Comments:
Fire Alarm System—	
Intercom System—panic buttons need to be reviewed with staff	
Lockdown Concerns— use of verbal intercom protocols established	
Insurance Top Ten checklist	
Other Safety Concerns: Building Access, Other—	
Building Components	
Fresh Air Circulation	
Boiler/Heating System Status	
Paint Schedule—Not listed— Not on district-wide schedule	

School Information

Address: 1100 4th St S
Constructed: 1957
Additions: 1964 Warehouse, 1968—instructional materials center
Lot Size: not listed
Classrooms: NA
Sq. Ft: 16,723
Shared Use:
Oct. Enrollment: NA
Accredited Capacity: NA
Overload Max Capacity: NA
Functional Capacity: NA
Breakfast Program: NA

Safety Items

*Safe & Secure Protocols/Phone Tree - Make sure current and available crisis Manager-Electronic Access to District Emergency Protocols
 *Employee - General Safety Training and Corresponding documentation
 *MT Dept. of Labor and City Co. Health Dept. visits
 *SRO Safety Survey - Review if applicable
 *Western States Safety Survey - Review if applicable
 *Discussion Workers Comp History for Bldg.
 - Determine safety focus based on top cause/location of claims
 - Payne West Training VOD Information - Employee Safety Training Videos
 - MSGIA Training Video Information - Employee Safety Training Videos (1st & 2nd semester gift card drawing incentive)
 -Fire Extinguishers Hung Up
 -Breaker Boxes Clear
 -Outlet Strips
 -Storage Strips
 -Safety Guards and Face Shields
 -First Aid Kits Checked
 -Eye Wash Stations Checked
 -Containers Labeled
 -Chemical Inventory Lists-SDS
 -Refrigerators - "Food" or "No Food"
 -Code Blue Teams/AED
 -Playgrounds 9: of Fill
 -Ice on Sidewalks
 -Accident/Incident Reporting

Facility Maintenance List

Leaks in drain gutters cause ice on sidewalks
(Warehouse corners, Annex—middle)
 Warehouse window ledges
 Boiler room plumbing— rubber patches
 Remove unused metal exhaust system
 Roof water drainage in warehouse loading zone
 Cooler trailer starting to pull away from building.
 Needs jacked up at front.
 Roof leaks- Chris Mee's area, Fire Suppression test in phone room
 Eye bolts need to be installed in Print Center
Grounds shop leaks
Install smaller door on warehouse dock

Building Information/0 to 2 Year Identified Projects

The District Offices Building and Warehouse was constructed in 1964. It serves as the District administrative offices location for the District. The food services operations is housed at the Warehouse building. As a part of the bond projects, the food processor was moved from Longfellow Elementary School to the warehouse.

Facilities Condition Inventory (FCI) and other identified long range building projects identified to be addressed in the next few years include: Flooring (Music Office), Remodel, and Safety Enhancements.

Master Facility Plan Items

Total—\$0
Phone system

Kitchen Items

Paint Food Service's Offices

Temperature control in office
 Replace carpet in office
 Flooring in area across from office
 AC in warehouse for hot summer days

Technology Information:

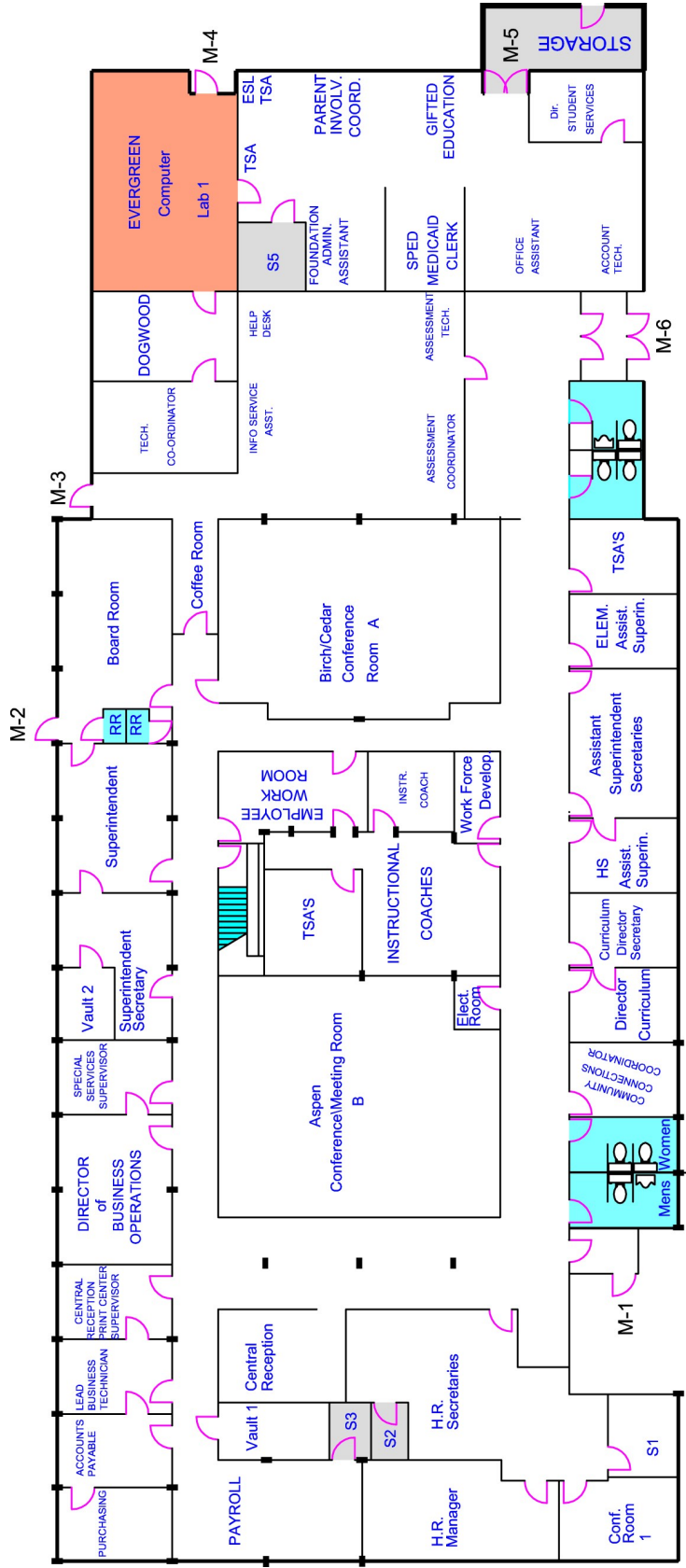
1. Sensors need to be installed on freezer—attached to phone line
2. IT Tickets **152 Completed 8 Open**
3. Bond Impact—phone system—**June**

Notes:

45 Work orders **13** Open ADA Door Handles
 Strains most common Work Comp injury—investigate training
 Safety Door locking devices have been installed

Major Construction History:

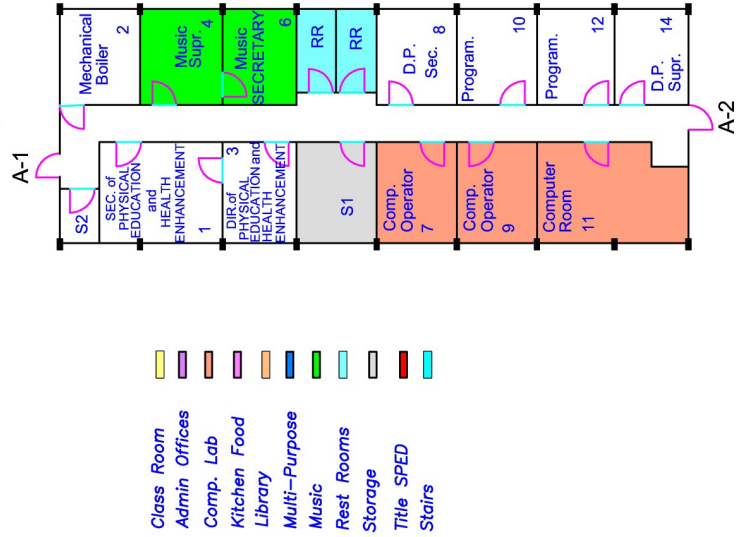
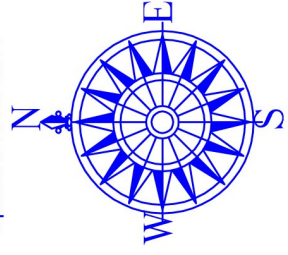
2020: Food Service Offices downstairs, Gas service
2019: Food Processor in warehouse, remodel Print Center— move window sills— metal retrofit
2018: Warehouse lot expanded
2017: Enclose Cold Storage building
2016:
2015: Intercom speaker added to fire alarm system, New transformer, generator, windows in Dogwood and office, air circulation in Print Center
2014: Carpet in Asst. Supts office, Installed digital
2013: Upgraded cooling system for data center
2010: Freezer added to warehouse
2009: New fire alarm system installed
2007: Regrade and asphalt parking lot
2002: West end ADA parking ramp
2001: West parking retaining wall
2000: Irrigation Sprinkling System
1999: Phone system district wide
1996: Open courtyards converted to meeting rooms



Administration Building

Narman Paul
GRANT HILLS HIGH SCHOOL
3-6-96

Revised: 5.12.10 Updated 10-28-2014 LCT Auto Cad 2014



- Class Room
- Admin Offices
- Comp. Lab
- Kitchen Food
- Library
- Multi-Purpose
- Music
- Rest Rooms
- Storage
- Title SPED
- Stairs



District Offices Building

Great Falls Public Schools

No Little Russell Walk Through Sheet



Little Russell

FACILITIES CONDITION INVENTORY (FCI)

Background Information

The State of Montana K-12 Public Schools Facility Condition Assessment in Brief prepared for the School Funding Interim Commission, December 2015, by Pad McCracken, Commission Staff

This brief is intended to provide a high-level overview/introduction to the K-12 Public Schools Facility Condition Assessment that was conducted as a multi-phase project from 2006 through 2008 and administered by the Architecture & Engineering Division (A&E) of the Department of Administration. The assessment was conducted as a result of a \$2.5 million legislative appropriation in [House Bill 1](#) of the Special Session of December 2005, and a 59-page [final report executive summary](#) was published July 1, 2008. The entire report and associated data reports exceed 30,000 pages.

A&E contracted with Omaha-headquartered architectural design firm DLR Group to manage and execute the assessment. DLR utilized the Facility Condition Inventory (FCI) system developed by Montana State University as the database tool for the assessment and contracted with Montana architectural and engineering consultants so that subsequent updates to the assessment could be made with local resources and support. The state was divided into three regions and multiple teams of inspectors (usually an architectural consultant and engineer) trained to consistently assess and record the condition of school facilities made site visits in a 12-week window between Jan. 14 and April 4, 2008, to provide a “snapshot in time”.

The site visit inspections focused on four areas:

1. Facility Condition
2. Energy Use
3. Educational Characteristics
4. Technology Infrastructure

The assessment by the numbers:

Field inspectors	42
Buildings assessed	2,200
Square footage assessed	31 million
Hours spent assessing	15,000
Cost to address deficiencies (est.)	\$360 million

The facility condition inspections identified deficiencies, calculated “cost allowances” to remediate these deficiencies, and further calculated “deficiency ratios” as the cost allowances divided by the estimated cost of replacing the entire building.

$$\text{Deficiency Ratio} = \frac{\text{estimated cost of repairs}}{\text{estimated replacement cost}}$$

Low deficiency ratios (<10%) indicate good overall condition and as ratios increase, condition worsens. Buildings with ratios exceeding 50% warrant consideration of replacement rather than repair. Inspection reports that include cost allowances and deficiency ratios for every building inspected are available here: www.mtk12facilitysurveys2008.com. Statewide cost allowances totaled \$360 million.

The executive summary includes the following in its recommendations section:

- Each district should have in place a long-range capital improvement program that identifies facility goals and outlines procedures and guidelines to be followed to approach and accomplish those goals.
- It is highly recommended that districts continue to update this baseline data by performing FCI observations on a 2-4 year recurring basis to achieve maximum benefit from this powerful and worthwhile tool in the overall management of their facility maintenance operations and long range planning. [MSU can provide training and support in using FCI system.]
- Prioritization of facility improvements goals should clearly realize the relationship between facilities utilization and operational program objectives.
- A comprehensive cost estimate should be developed for each and every proposed project to ensure accuracy of budget requests and the ultimate ability to complete the improvements intended without additional or supplemental funds.

FACILITIES CONDITION INVENTORY (FCI)

Enabling Legislature

20-9-525. School major maintenance aid account -- formula. (1) There is a school major maintenance aid account in the state special revenue fund provided for in [17-2-102](#).

(2) The purpose of the account is to provide, contingent on appropriation from the legislature, funding for school major maintenance aid as provided in subsection (3) for school facility projects that support a basic system of free quality public elementary and secondary schools under [20-9-309](#) and that involve:

(a) first, making any repairs categorized as "safety", "damage/wear out", or "codes and standards" in the facilities condition inventory for buildings of the school district as referenced in the K-12 public schools facility condition and needs assessment final report prepared by the Montana department of administration pursuant to section 1, Chapter 1, Special Laws of December 2005; and

(b) after addressing the repairs in subsection (2)(a), any of the following:

(i) updating the facility condition inventory as recommended in the final report referenced in subsection (2)(a) with the scope and methods of the review to be determined by the trustees, employing experts as the trustees determine necessary. The first update must be completed by July 1, 2019, and each district shall certify the completion to the office of public instruction no later than October 31, 2019. Subsequent updates must be certified to the office of public instruction no less than once every 5 years following the first certification.

(ii) undertaking projects designed to produce operational efficiencies such as utility savings, reduced future maintenance costs, improved utilization of staff, and enhanced learning environments for students, including but not limited to projects addressing:

- (A) roofing systems;
- (B) heating, air conditioning, and ventilation systems;
- (C) energy-efficient window and door systems and insulation;
- (D) plumbing systems;
- (E) electrical systems and lighting systems;
- (F) information technology infrastructure, including internet connectivity both within and to the school facility; and
- (G) other critical repairs to an existing school facility or facilities.

FACILITIES CONDITION INVENTORY (FCI)

20-9-525. School major maintenance aid account -- formula. (1) There is a school major maintenance aid account in the state special revenue fund provided for in [17-2-102](#).

(2) [Subject to legislative fund transfer,] the purpose of the account is to provide, contingent on appropriation from the legislature, funding for school major maintenance aid as provided in subsection (3) for school facility projects that support a basic system of free quality public elementary and secondary schools under [20-9-309](#) and that involve:

(a) **first**, making any repairs categorized as **"safety", "damage/wear out", or "codes and standards"** in the facilities condition inventory **for buildings of the school district** as referenced in the K-12 public schools facility condition and needs assessment final report prepared by the Montana department of administration pursuant to section 1, Chapter 1, Special Laws of December 2005; and

(b) **after addressing the repairs in subsection (2)(a), any of the following:**

DEFICIENCY CATEGORY SYSTEM

Category Definition

1. **SAFETY** - Situations or conditions that pose an immediate danger to life, limb or property, if the deficiency is not corrected.
2. **DAMAGE/WEAR OUT** - Potential for serious damage to the building or the building components if the deficiency is not corrected.
3. **CODES/STANDARDS** - Building codes and/or institutional construction standards were not met during construction or renovation. Condition may or may not represent an urgent situation if deficiency is not corrected. This category does not include grandfathered deficiencies due to changes in subsequent codes.
4. **ENVIRONMENTAL IMPROVEMENTS** - Correctable deficiencies that will improve system operations and increase the comfort level of the building occupants.
5. **ENERGY CONSERVATION** - Amelioration or upgrading of the operating systems in order to reduce energy consumption in the building.
6. **AESTHETICS** - Renovation/maintenance designed to improve the appearance of the building.
7. **BUILDING ENHANCEMENTS** - Renovation/Adaptive, Life Safety/Code upgrades, i.e., ADA. These items are not calculated as part of the building's total deferred maintenance, but deficiency category 7 is frequently used to note other building needs.

Note that of the 7 categories of deficiency, only the first three must be prioritized and resolved before moving on to other repairs. Additionally, according to the 2008 report, all "safety" deficiencies identified in the study were immediately corrected or at least mitigated sufficiently to be recategorized as "damage/wear out". The following is an excerpt from the executive summary:

FCI INSPECTION FORM

Building Name: _____
Bld Type/ Age Class: _____

Audit Date: _____
Building Number: _____

SYSTEM	COMPONENT	SYSTEM	COMPONENT	SYSTEM	COMPONENT
1. Foundations	A Footings/Foundation Walls	6. Specialties	A Toilet Partitions	9. Electrical System	A Building Service
	B Exterior Steps/Retaining Walls		B Signage/Directories		B Lighting
2. Envelope	A Exterior Walls		C Fixed Seating/Risers		C Distribution
	B Exterior Windows		D Chalk/Tackboards/Cabinets		D Voice/Data
	C Exterior Doors/Hatches		E Fume Hoods	10. Conveying System	A Elevator/Lift
	D Interior Columns/Beams		F Lockers		A Egress
3. Floor System	A Floor Structure		G Cells & Visitor Cubicles		B Extinguishing System
	B Stair Treads/Risers		H Ansul Hoods		C Exit/Emergency Lighting/Alarms
4. Roof System	A Structure		I Swimming Pool		D Asbestos/Hazardous Mat'l
	B Covering	7. HVAC System	A Heating		E ADA Accessibility
	C Insulation		B Ventilating	Deficiency Categories: 1: Safety, 2: Damage/Wear out, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements	
5. Finishes	A Interior Walls		C Cooling		
	B Ceilings	8. Plumbing System	A Fixtures		
	C Interior Doors/Hardware/Windows		B Supply Piping		
	D Floor Finishes		C Waste Piping		
	E Wall Finishes				

Foundations (1)

A) Footings/Foundation Walls - (Sub Components Include: Stem walls, Foundation)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Footings/ Foundation Walls

B) Exterior Steps/Retaining Walls - (Sub Components Include: Finish, Railing, Steps/Structure, Retaining Walls attached to building)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Exterior Steps/Retaining Walls

Envelope (2)

A) Exterior Walls - (Sub Components Include: Concrete Tilt Up, Masonry Mortar, Masonry Unit/ Glass Block, Wood/Plaster/Metal, Paint/Sealer, Insulation)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Exterior Walls

FCI INSPECTION FORM

B) Exterior Windows - (Sub Components Include: Glass, Single Pane, Hardware, Frame)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Exterior Windows

C) Exterior Doors/Hatches - (Sub Components Include: Hardware, Door, Frame, Overhead Door, Hatches)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Exterior Doors/Hatches

D) Interior Columns/Beams - (Sub Components Include: Wood, Concrete/Steel)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of D) Interior Columns/ Beams

Floor System (3)

A) Floor Structure - (Sub Components Include: Slab, Raised Floor Wood , Raised Floor Concrete/Steel)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Floor Structure

B) Stair Treads/Risers - (Sub Components Include: Stair Finishes, Stair Rails, Stair Structure)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Stair Treads/Risers

Roof System (4)

A) Structure - (Sub Components Include: Wood, Concrete/Steel)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Structure

FCI INSPECTION FORM

B) Covering - (Sub Components Include: Flashing, Roof Drainage, Skylights, Asphalt Shingle Tiles, Membrane/Metal, Clay/Cement Tiles)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Covering

C) Insulation - (Sub Components Include: Batt)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Insulation

Finishes (5)

A) Interior Walls - (Sub Components Include: Framed - GWB, Framed - Plaster, Masonry)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Interior Walls

B) Ceilings - (Sub Components Include: Plaster/GWB, Lay In, Wood/Specialty, Hydronic Piping)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Ceilings

C) Interior Doors/ Hardware/ Windows - (Sub Components Include: Hardware, Door, Frame, Relites/Interior Windows)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Interior Doors/ Hardware/ Windows

FCI INSPECTION FORM

D) Floor Finishes - (Sub Components Include: Resilient, Carpet, Ceramic/Stone/Terrazzo, Wood)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of D) Floor Finishes

E) Wall Finishes - (Sub Components Include: Paint, Wall Covering/FRP, Ceramic/Stone Tile)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of E) Wall Finishes

Specialties (6)

A) Toilet Partitions - (Sub Components Include: Metal/Other)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Toilet Partitions

B) Signage/Directories - (Sub Components Include: Directory, Room & Directional Signs)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Signage/Directories

C) Fixed Seating/Risers - (Sub Components Include: Bleachers, Theater, Classroom/Lecture, Cafeteria)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Fixed Seating/Risers

D) Chalk/Tackboards/Cabinets - (Sub Components Include: Resilient, Carpet, Ceramic/Stone/Terrazzo, Wood)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of D) Chalk/Tackboards/Cabinets

FCI INSPECTION FORM

HVAC System (7)

A) Heating - (Sub Components Include: Controls, BMS, Boiler/Furnace, Room Units, Hydronic Piping, Alternative Fuel)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Heating

B) Ventilating - (Sub Components Include: Air Handler, Ductwork, Specialized Exhaust, Room Ventilators)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Ventilating

C) Cooling - (Sub Components Include: Central AC, Room AC)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Cooling

Plumbing System (8)

A) Fixtures - (Sub Components Include: Sinks/Toilets/Showers, Hot Water Generation, Alternative Fuel)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Fixtures

B) Supply Piping - (Sub Components Include: Piping, Pumps)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Supply Piping

FCI INSPECTION FORM

C) Waste Piping - (Sub Components Include: Piping, Pumps)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Waste Piping

Electrical System (9)

A) Building Service - (Sub Components Include: Transformer, Meter Base, Generator, Alternative Source)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Building Service

B) Lighting - (Sub Components Include: Fixtures -PCP, Fixtures - Energy, Light Level Controls, Occupancy/Daylight Sensor, Wiring)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Lighting

C) Distribution - (Sub Components Include: Switchgear, Service Panels, Devices, Wiring)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Distribution

D) Voice/Data - (Sub Components Include: Intercom, Clock, Telephone, Data)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of D) Voice/Data

FCI INSPECTION FORM

Conveying (10)

A) Elevator/Lift - (Sub Components Include: Controls, Communication, Hoist Way, Lift)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Elevator/Lift

Safety System (11)

A) Egress - (Sub Components Include: Exit Systems)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of A) Egress

B) Extinguishing System - (Sub Components Include: Sprinkler, Cabinet Systems)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of B) Extinguishing System

C) Exit/Emergency Lighting/Alarms - (Sub Components Include: Exit Lights, Emergency Lighting, Smoke/ Heat Detection, Fire Alarm System)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of C) Exit/Emergency Lighting/Alarms

D) Asbestos/Hazardous Material - (Sub Components Include: Flooring, Other Asbestos Containing Material-ACM)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of D) Asbestos/Hazardous Material

FCI INSPECTION FORM

E) ADA Accessibility- (Sub Components Include: Upgrade with Elevator, Restrooms)

Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of E) ADA Accessibility

Additional

System & Component	Description/Action (include sub-component affected, location, and generic action to resolve)	Def. Cat (1-7)	% deficiency of Component

ASPHALT RATING SCALE

RATING SCALE: 10 EXCELLENT, 1 POOR

<u>SCHOOL</u>	<u>LOCATION</u>	<u>RATING</u>	<u>STRIPING NEEDED</u>	<u>SCHOOL</u>	<u>LOCATION</u>	<u>RATING</u>	<u>STRIPING NEEDED</u>
Chief Joseph	east parking lot	9	N	Mountain View	approach	10	N
Chief Joseph	west approach	5	N	Mountain View	south parking lot	3	Y
Chief Joseph	west parking lot	7	Y	Mountain View	east playground	2	N
Chief Joseph	playground	8	N	Mountain View	west playground	2	N
CMR	NE parking lot	8	N	Mountain View	main parking lot	4	Y
CMR	Jock lot	6	N	North	west parking lot	3	Y
CMR	SW parking lot	9	N	North	north parking lot	9	N
CMR	west parking lot	8	N	North	south parking lot	9	N
DOB	parking lot	8	N	Paris	parking lot	10	N
East	parking lot	8	N	Riverview	playground	3	N
East	front loading zone	7	N	Riverview	parking lot	9	N
GFHS	east parking lot	10	N	Roosevelt	parking lot	8	Y
GFHS	SE parking lot	10	N	Roosevelt	playground	N/A	N/A
GFHS	SW parking lot	10	N	Sacajawea	playground	8	N
Lewis & Clark	north playground	9	N	Sacajawea	parking lot	8	N
Lewis & Clark	south playground	4	N	Skyline	playground	2	N
Lewis & Clark	east parking lot	4	Y	Skyline	parking lot	9	N
Lewis & Clark	south parking lot	8	N	Sunnyside	parking lot	7	Y
Lewis & Clark	north parking lot	4	N	Sunnyside	playground	7	N
Lincoln	SE parking lot	9	N	Sunnyside	south playground	7	N
Lincoln	parking lot	9	N	Sunnyside	Drop off loop	8	N
Lincoln	south playground	6	Y	Valleyview	parking lot	7	N
Lincoln	north playground	6	Y	Valleyview	playground	10	N
Longfellow	east playground	10	N	West	parking lot	8	N
Longfellow	parking lot	10	N	West	north playground	7	N
Longfellow	west playground	10	N	West	south playground	8	N
Loy	parking lot	8	N	Whittier	parking lot	8	Y
Loy	approach	10	N	Whittier	playground	4	Y
Loy	playground	9	N				
Meadowlark	parking lot	8	N				
Meadowlark	playground	7	N				
Morningside	north playground	9	Y				
Morningside	parking lot	8	N				

PAINTING ORDER

<u>Rank</u>	<u>Building</u>	<u>Last Year Painted</u>	<u>Due to be Painted</u>
1	Morningside	2015	2039
2	Loy	2016	2040
3	Whittier	2017	2041
4	Skyline	2018	2042
5	Sacajawea	2019	2043
6	Meadowlark	2020	2044
7	Lewis & Clark	2020	2045
8	Sunnyside	2001	2022
9	Valley View	2001	2023
10	Giant Springs	2019	2037
11	East MS	2003	2024-25
12	Longfellow	2020	2038
13	Mountain View	2006	2026
14	Paris Gibson (gym)	2019	2027
15	CMR	2007	2028-29
16	GFH	2008	2030-31
17	North MS	2009	2032
18	West	2011	2033
19	Chief Joe	2012	2034
20	Riverview	2013	2035
21	Lincoln	2014	2036

Appendix A

Facilities Condition Inventory

2021 FACILITIES CONDITION INVENTORY (FCI)

ELEMENTARY

2021																		
April	Lincoln	Chief Joe	Lewis & Clark	Giant Springs	Lincoln	Longfellow	Loy	Meadow Lark	Morningside	Mountain View	Riverview	Roosevelt	Sacajawea	Sunnyside	Valley View	West	Whittier	
Foundation Exterior Walls Exterior Windows Floor Structure Stair Treads/Risers Interior Walls Ceilings Floor Finishes Wall Finishes Heating Plumbing Lighting Voice/Data ADA Windows Exterior Doors		36							30									
	10	12	10		10		0		30								20	
	100	100	100		100		100	100	100	95	100	25	100	100	100	60	90	
		60																
		10																
	12	40			12		5						7					
			14												6			
		26													42		5	
		40					5											
		28	5				0											
			15				10						20					20
		10	10				10	10	10	10	10	10		10	10	10		10
		15																
		50	10			50	10	5	10		10	70	10	10	10	50		10
		22																

Windows Interior Walls	Windows Floor	Windows Plumbing	Windows Interior Walls	Windows Walls	Windows	Windows	Windows	ADA Windows	Windows Plumbing	Windows	Windows ADA Floor Finishes	Windows Plumbing	Windows Exterior Walls
---------------------------	------------------	---------------------	---------------------------	------------------	---------	---------	---------	----------------	---------------------	---------	----------------------------------	---------------------	---------------------------

Windows Interior Walls	Windows Floor	Windows Plumbing	Windows Interior Walls	Windows Walls	Windows	Windows	Windows	Windows	ADA Windows	Windows Plumbing	Windows	Windows ADA Floor Finishes	Windows Plumbing	Windows	Windows Plumbing Exterior Walls
---------------------------	------------------	---------------------	---------------------------	------------------	---------	---------	---------	---------	----------------	---------------------	---------	----------------------------------	---------------------	---------	---------------------------------------

2021 FACILITIES CONDITION INVENTORY (FCI)

MIDDLE/HIGH SCHOOL

April	2021								
	East	North	CMR	GFH	Paris	DOB	Lowell	Little Russell	Skyline
Foundation		10	5	5					
Exterior Walls			3	10	10	5		10	
Exterior Windows		85	65	65					
Floor Structure			10	5					
Stair Treads/Risers		5							
Interior Walls					10			10	
Ceilings					20			15	
Floor Finishes			5					20	
Wall Finishes								24	
Heating	5		5	5		20		30	
Plumbing		5	13	15	40			30	10
Lighting		5			10			25	10
Voice/Data								5	5
ADA	5	10	10	5	10	20		10	10
Windows									
Exterior Doors			5					5	

Windows	Windows ADA	Windows Plumbing		ADA		Floor Finishes Voice Data
---------	----------------	---------------------	--	-----	--	------------------------------

2021 ELEMENTARY SUMMARY SHEET

PURPLE = 0-1
RED = 2-5
YELLOW = 6-10
ORANGE = 10-20
GREEN = 20+
BLUE = WISH
BLACK = N/A

BLACK = N/A

PURPLE = 0-1
RED = 2-5
YELLOW = 6-10
ORANGE = 10-20
GREEN = 20+
BLUE = WISH
BLACK = N/A

2021 HIGH SCHOOL SUMMARY SHEET

Great Falls Public Schools

May 2021

PURPLE = 0-1
RED = 2-5
YELLOW = 6-10
ORANGE = 10-20
GREEN = 20+
BLUE = WISH
BLACK = N/A

	Asphalt	Boiler	Flooring	Cement	Doors/Locks	Electrical	Elevator	Fire Alarm	HVAC	Kitchen	Phone System	Plumbing	Remodel	Roof	Safety	Structural	Water	Windows	Other	0-1	2-5	6-10
East	Orange	Green	Office	Red	Yellow	Orange	Black	Green	Yellow	Orange	Green	Yellow	Psy Rm / Server	Green	Purple	Green	Yellow	Green	Asbestos	2	1	4
North	Red	Green	Yellow	Red	Locks	Green	Orange	Green	Yellow	Green	Green	Yellow	Orange	Purple	Purple	Green	Yellow	Orange		3	2	4
CMR	Yellow	Green	Orange	Red	Orange	Green	Orange	Green	Yellow	Orange	Green	Yellow	Media Stage	Shop	Alarm poles	SE Corner	Yellow	Purple		3	5	5
GFHS	Memorial Parking	Orange	Green	Red	Main	Green	Yellow	Green	Green	Green	Green	Main-Campus	Drafting lab	Green	Speed sign	Green	Purple	Stage Roof Fieldhouse		3	6	3
Paris	Yellow	Green	Orange	Red	Yellow	Orange	Green	Green	Yellow	Green	Green	Walls	Green	Green	Purple	Green	Yellow	Green		1	1	5
Little Russell	Black	Red	Red	Red	Red	Yellow	Black	N/A	/	N/A	Green	Red	Tech	Yellow	Purple	Green	-	Black		2	5	2
DOB Warehouse	Orange	Yellow	Ware-house	Orange	Green	Orange	Black	Green	Yellow	N/A	Green	Orange	Music Dept (Dusty)	Green	Purple	Green	Yellow	Orange		3	0	3

CHIEF JOSEPH

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.44

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary Add

Gross Area: 3,200 Sq Ft

Report Renewal Cost: \$22,364

Building Type/ Elementary School (17C)

Cost/Sq Ft: \$365.76

Deficiency Ratio: 1.9%

Age Class:

Const. Date: 1988

Replacement Cost: \$1,170,464

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>						Totals:	\$14,981	\$199,360	
49584	Exterior Windows (B)	01-29-2008	01-29-2008	5	12%	\$15.49	\$5,948		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49585	Exterior Windows (B)	01-29-2008	01-29-2008	2	6%	\$15.49	\$2,974		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: Latches are broken
49586	Exterior Windows (B)	01-29-2008	01-29-2008	2	12%	\$15.49	\$5,948		Sub-Component: Frame Condition Observed: Frame or sash is physically broken so as to be inoperable. Note: Aluminum sliders are worn
49587	Exterior Doors/Hatches (C)	01-29-2008	01-29-2008	2	2%	\$1.74	\$111		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: Worn-age
<i>System: Finishes (5)</i>						Totals:	\$1,846	\$201,216	
49588	Interior Wall Systems (A)	01-29-2008	01-29-2008	2	3%	\$13.31	\$1,278		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: Cracks & light damage on interior partitions
49589	Ceilings (B)	01-29-2008	01-29-2008	2	1%	\$17.76	\$568		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: Water damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 1 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.44

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary Add

Gross Area: 3,200 Sq Ft

Report Renewal Cost: \$22,364

Building Type/ Elementary School (17C)

Cost/Sq Ft: \$365.76

Deficiency Ratio: 1.9%

Age Class:

Const. Date: 1988

Replacement Cost: \$1,170,464

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>Totals:</i>							\$5,537	\$118,144	
49590	Lighting (B)	01-29-2008	01-29-2008	4	14%	\$12.36	\$5,537		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: 30%

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 2 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary_Gre

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$975,084

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 7.5%

Age Class:

Const. Date: 1964

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
---------	-----------	---------------	-------------	-----------	--------	-----------	------------------	---------------------	-------------

System: Foundations (1)

Totals: \$155,665 \$576,244

49139 Footings/Foundation Walls (A) 01-29-2008 01-29-2008 2 30% \$9.77 \$155,665

Sub-Component: Foundation
Condition Observed: Foundation system settling or pulling away.
Note: perimeter footings of whole building have settled 3 to 4 inches - a perimeter drainage system has been installed and settling seems to have subsided.

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 3 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary_Gre

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$975,084

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 7.5%

Age Class:

Const. Date: 1964

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>							Totals: \$253,091	\$2,251,864	
49140	Exterior Walls (A)	01-29-2008	01-29-2008	4	1%	\$20.25	\$10,755		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare damage to joints - settlement
49141	Exterior Walls (A)	01-29-2008	01-29-2008	4	1%	\$20.25	\$10,755		Sub-Component: Masonry Unit / Glass Block Condition Observed: Units are cracked, spalled, or coming loose. Note: brick 90% throughout - rare damage to bricks missing & splitting - settlement exposed concrete columns 5% throughout
49142	Exterior Walls (A)	01-29-2008	01-29-2008	5	8%	\$20.25	\$86,038		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: at window infill areas only
49143	Exterior Windows (B)	01-29-2008	01-29-2008	4	1%	\$10.54	\$5,598		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: b-b holes
49144	Exterior Windows (B)	01-29-2008	01-29-2008	5	25%	\$10.54	\$139,945		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: throughout

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 4 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary_Gre

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$975,084

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 7.5%

Age Class:

Const. Date: 1964

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$168,385	\$812,583	
49145	Floor Structure (A)	01-29-2008	01-29-2008	2	13%	\$9.35	\$64,555		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: frequent cracks in floor, frequent cracks and heaving, boilers have been placed on structural steel frame 24" above concrete
49146	Floor Structure (A)	01-29-2008	01-29-2008	2	19%	\$9.35	\$94,350		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: concrete - utility tunnels at perimeter
49147	Stair Treads/Risers (B)	01-29-2008	01-29-2008	2	3%	\$5.95	\$9,480		Sub-Component: Stair Structure Condition Observed: Stair flight is settling or the under-structure physically failing. Note: metal stair into boiler room leaning a little but sound

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 5 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary_Gre

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$975,084

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 7.5%

Age Class:

Const. Date: 1964

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals: \$169,910	\$2,272,577	
49148	Interior Wall Systems (A)	01-29-2008	01-29-2008	2	13%	\$9.06	\$62,553		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: gypsum 60% throughout - frequent damage near perimeter wall due to settling with holes, cracks, damage due to settling
49149	Interior Wall Systems (A)	01-29-2008	01-29-2008	2	1%	\$9.06	\$4,812		Sub-Component: Masonry Condition Observed: Grout joints have voids and & spalling out. Note: 40% masonry - rare but large cracks (1" plus) & broken clay masonry units due to settling
49150	Ceilings (B)	01-29-2008	01-29-2008	2	1%	\$12.09	\$6,421		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 40% throughout - only 7' high ceiling in corridor - reare damage to ceilings & grid
49151	Floor Finishes (D)	01-29-2008	01-29-2008	2	2%	\$10.59	\$11,249		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 40% throughout - occational damage
49152	Floor Finishes (D)	01-29-2008	01-29-2008	2	2%	\$10.59	\$11,249		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 50% throughout - wearing, tearing at floor cracks
49153	Floor Finishes (D)	01-29-2008	01-29-2008	2	3%	\$10.59	\$16,873		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: terrazzo 10% throughout - frequent cracks, displacement due to floor heaving / settling

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 6 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/29/2008

Building: Chief Joseph Elementary_Gre

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$975,084

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 7.5%

Age Class:

Const. Date: 1964

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49154	Wall Finishes (E)	01-29-2008	01-29-2008	2	13%	\$8.22	\$56,753		Sub-Component: Wall Covering / FRP Condition Observed: Wall covering is blistered, peeling off or separating at seams. Note: vinyl 60% throughout - used to stabilize gypsum finish from damage - frequent damage near perimeter wall due to settling
Totals:							\$89,267	\$2,231,682	
49155	Heating (A)	01-29-2008	01-29-2008	4	8%	\$21.01	\$89,267		Sub-Component: Boiler/Furnace Condition Observed: Burner, combustion chamber, or fans are faulty beyond repair. Note: (2) hot water - (1) is down completely for 4 years
Totals:							\$138,766	\$1,210,908	
49156	Lighting (B)	01-29-2008	01-29-2008	4	10%	\$7.57	\$40,204		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: No explanation
49157	Lighting (B)	01-29-2008	01-29-2008	5	18%	\$7.57	\$72,368		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: only 10% new
49158	Voice/Data (D)	01-29-2008	01-29-2008	2	12%	\$4.11	\$26,194		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: 50% battery powered atomic clocks

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 7 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LEWIS AND CLARK

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Lewis and Clark Elementary

Gross Area: 61,324 Sq Ft

Report Renewal Cost: \$952,459

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 6.3%

Age Class:

Const. Date: 1953

Replacement Cost: \$15,098,582

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						Totals:	\$9,358	\$665,365	
49261	Exterior Steps/Retaining Walls (B)	01-30-2008	01-30-2008	2	7%	\$1.09	\$4,679		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: edge of loading dock has damage
49262	Exterior Steps/Retaining Walls (B)	01-30-2008	01-30-2008	2	7%	\$1.09	\$4,679		Sub-Component: Railing Condition Observed: Exterior step railing broken or pulled out. Note: loading dock
System: Envelope (2)						Totals:	\$347,860	\$2,600,138	
49263	Exterior Walls (A)	01-30-2008	01-30-2008	4	1%	\$20.25	\$12,418		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare cracks in mortar
49264	Exterior Walls (A)	01-30-2008	01-30-2008	2	1%	\$20.25	\$12,418		Sub-Component: Paint/Sealer Condition Observed: Paint peeling; masonry or concrete shows efflorescence. Otherwise, exterior siding or material is intact. Note: soffits and fascia
49265	Exterior Walls (A)	01-30-2008	01-30-2008	5	13%	\$20.25	\$161,435		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: insulation is only present at window infills
49266	Exterior Windows (B)	01-30-2008	01-30-2008	5	25%	\$10.54	\$161,589		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1

Page 28 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Lewis and Clark Elementary_

Gross Area: 61,324 Sq Ft

Report Renewal Cost: \$952,459

Building Type/ Age Class: Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 6.3%

Age Class:

Const. Date: 1953

Replacement Cost: \$15,098,582

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						Totals:	\$3,649	\$938,257	
49267	Stair Treads/Risers (B)	01-30-2008	01-30-2008	2	1%	\$5.95	\$3,649		Sub-Component: Stair Finishes Condition Observed: Interior tread and riser finishes separating from substrate (not just worn). Note: loose tread at stage/teacher's lounge
System: Roof System (4)						Totals:	\$83,303	\$1,014,299	
49268	Covering (B)	01-30-2008	01-30-2008	4	16%	\$8.49	\$83,303		Sub-Component: Membrane/Metal Condition Observed: History of leaks; seams separating, punctured, or lifting at edges. Note: single-ply PVC roofing membrane - leaking a lot - approx. 20 yrs. Old
System: Finishes (5)						Totals:	\$29,656	\$2,624,054	
49269	Ceilings (B)	01-30-2008	01-30-2008	2	1%	\$12.09	\$7,414		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: plaster 100% throughout, rare cracks
49270	Ceilings (B)	01-30-2008	01-30-2008	2	3%	\$12.09	\$22,242		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: glue on acoustical tiles 12" & 24" _% throughout - rare damage to pan

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
 Deficiency Categories 1-6

FCI Version: 2.0.1

Page 29 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Lewis and Clark Elementary_

Gross Area: 61,324 Sq Ft

Report Renewal Cost: \$952,459

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 6.3%

Age Class:

Const. Date: 1953

Replacement Cost: \$15,098,582

Deficiencies (%): 1 - 100

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Specialties (6)</i>							<i>Totals:</i>	<i>\$3,385 \$976,891</i>	
49271	Chalk/Tack/Whiteboards/Cabinets (D)	01-30-2008	01-30-2008	2	3%	\$1.84	\$3,385		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: bottoms of cabinet doors in classrooms is ragged near sinks, one missing drawer
<i>System: HVAC System (7)</i>							<i>Totals:</i>	<i>\$103,073 \$2,576,834</i>	
49272	Heating (A)	01-30-2008	01-30-2008	4	8%	\$21.01	\$103,073		Sub-Component: Boiler/Furnace Condition Observed: Burner, combustion chamber, or fans are faulty beyond repair. Note: (2) ,old original boiler has been condemned by state, one newer one online
<i>System: Plumbing System (8)</i>							<i>Totals:</i>	<i>\$211,261 \$1,599,330</i>	
49273	Supply Piping (B)	01-30-2008	01-30-2008	2	25%	\$13.78	\$211,261		Sub-Component: Piping Condition Observed: Leaks, clogged, or otherwise not delivering water reliably. Note: domestic hot water lines have frequent leaks - 1 1/2" galv. Currently

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 30 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Lewis and Clark Elementary

Gross Area: 61,324 Sq Ft

Report Renewal Cost: \$952,459

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 6.3%

Age Class:

Const. Date: 1953

Replacement Cost: \$15,098,582

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Electrical System (9)</i>							Totals:	\$160,914 \$1,398,187	
49274	Lighting (B)	01-30-2008	01-30-2008	4	1%	\$7.57	\$4,642		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: No explanation
49275	Lighting (B)	01-30-2008	01-30-2008	5	19%	\$7.57	\$88,202		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: exist in boiler room only
49276	Distribution (C)	01-30-2008	01-30-2008	2	12%	\$9.25	\$68,070		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: almost full with a few tripping frequently, district has talked about electrical upgrades for this building

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 31 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LINCOLN

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Lincoln Elementary_Great Fa

Gross Area: 41,320 Sq Ft

Report Renewal Cost: \$260,211

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.4%

Age Class:

Const. Date: 1952

Replacement Cost: \$10,796,503

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals:	\$2,376	\$476,006
49277	Exterior Steps/Retaining Walls (B)	01-31-2008	01-31-2008	2	5%	\$1.15	\$2,376		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: damage at loading dock & stairs

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Lincoln Elementary_Great Fa

Gross Area: 41,320 Sq Ft

Report Renewal Cost: \$260,211

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.4%

Age Class:

Const. Date: 1952

Replacement Cost: \$10,796,503

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>						Totals:	\$184,349	\$1,858,987	
49278	Exterior Walls (A)	01-31-2008	01-31-2008	4	1%	\$21.49	\$8,880		Sub-Component: Wood/Plaster/Metal Condition Observed: Siding is delaminating, buckling, or otherwise physically failing. Note: metal fascia and metal siding at window infills 55% throughout plaster under roof overhangs 5% throughout, rare cracks
49279	Exterior Walls (A)	01-31-2008	01-31-2008	5	6%	\$21.49	\$53,278		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: present at window infills only
49280	Exterior Windows (B)	01-31-2008	01-31-2008	4	1%	\$11.18	\$4,620		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: couple of cracked panes - b-b holes
49281	Exterior Windows (B)	01-31-2008	01-31-2008	5	25%	\$11.18	\$115,489		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49282	Exterior Doors/Hatches (C)	01-31-2008	01-31-2008	2	2%	\$1.26	\$1,041		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: wearing with age
49283	Exterior Doors/Hatches (C)	01-31-2008	01-31-2008	2	2%	\$1.26	\$1,041		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: some damage at bottoms, wear, age

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 33 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Lincoln Elementary_Great Fa

Gross Area: 41,320 Sq Ft

Report Renewal Cost: \$260,211

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.4%

Age Class:

Const. Date: 1952

Replacement Cost: \$10,796,503

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)							Totals:	\$19,747	\$671,037
49284	Floor Structure (A)	01-31-2008	01-31-2008	2	1%	\$9.93	\$4,103		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: corridors with terrazzo on top typ. - rare cracks in corridors
49285	Stair Treads/Risers (B)	01-31-2008	01-31-2008	2	6%	\$6.31	\$15,644		Sub-Component: Stair Finishes Condition Observed: Interior tread and riser finishes separating from substrate (not just worn). Note: nosing damage into lounge and boiler

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
 Deficiency Categories 1-6

FCI Version: 2.01
 Page 34 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Lincoln Elementary_Great Fa

Gross Area: 41,320 Sq Ft

Report Renewal Cost: \$260,211

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.4%

Age Class:

Const. Date: 1952

Replacement Cost: \$10,796,503

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$33,261	\$1,876,341	
49286	Interior Wall Systems (A)	01-31-2008	01-31-2008	2	3%	\$9.62	\$11,925		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 90% throughout - occasional cracking
49287	Ceilings (B)	01-31-2008	01-31-2008	2	1%	\$12.83	\$5,301		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: plaster 15% throughout - rare cracking
49288	Ceilings (B)	01-31-2008	01-31-2008	2	1%	\$12.83	\$5,301		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: glue on acoustic tile 85% throughout - rare damage
49289	Interior Doors/Hardware/Windows (C)	01-31-2008	01-31-2008	2	2%	\$3.01	\$2,487		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: worn with age
49290	Floor Finishes (D)	01-31-2008	01-31-2008	2	1%	\$11.24	\$4,644		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: terrazzo 20% throughout - rare cracking quarry tile in kitchen only
49291	Wall Finishes (E)	01-31-2008	01-31-2008	2	1%	\$8.72	\$3,603		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: some flaking in classrooms

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
 Deficiency Categories 1-6

FCI Version: 2.0.1
 Page 35 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Lincoln Elementary_Great Fa

Gross Area: 41,320 Sq Ft

Report Renewal Cost: \$260,211

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.4%

Age Class:

Const. Date: 1952

Replacement Cost: \$10,796,503

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						Totals:	\$2,417	\$698,721	
49292	Chalk/Tack/Whiteboards/Cabinets (D)	01-31-2008	01-31-2008	2	3%	\$1.95	\$2,417		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: linoleum countertops worn, some damage to fronts
System: HVAC System (7)						Totals:	\$14,743	\$1,842,459	
49293	Heating (A)	01-31-2008	01-31-2008	4	1%	\$22.30	\$9,214		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: intending to replace
49294	Ventilating (B)	01-31-2008	01-31-2008	4	2%	\$6.69	\$5,529		Sub-Component: Air Handler Condition Observed: The distribution fans and coils are dysfunctional. Note: (5) - bearing problems on one unit
System: Electrical System (9)						Totals:	\$3,318	\$999,944	
49295	Lighting (B)	01-31-2008	01-31-2008	5	1%	\$8.03	\$3,318		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: 95% have been replaced

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 36 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LONGFELLOW

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals: \$270,224	\$600,189	
49297	Footings/Foundation Walls (A)	01-24-2008	01-24-2008	2	50%	\$9.77	\$270,224		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: The foundations of this building is either heaving or sagging everywhere. Very unstable and unpredictable soils - crawl space doesn't have ventilation to ext

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 37 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>							Totals: \$333,589	\$2,345,441	
49298	Exterior Walls (A)	01-24-2008	01-24-2008	4	1%	\$20.25	\$11,202		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: large cracks in mortar visible - particularly in gym walls - patched
49299	Exterior Walls (A)	01-24-2008	01-24-2008	4	1%	\$20.25	\$11,202		Sub-Component: Masonry Unit / Glass Block Condition Observed: Units are cracked, spalled, or coming loose. Note: brick 60% throughout - some broken & damaged bricks
49300	Exterior Walls (A)	01-24-2008	01-24-2008	4	1%	\$20.25	\$11,202		Sub-Component: Wood/Plaster/Metal Condition Observed: Siding is delaminating, buckling, or otherwise physically failing. Note: stucco 33% throughout - some panels have multiple cracks metal penthouses 2% throughout
49301	Exterior Windows (B)	01-24-2008	01-24-2008	4	1%	\$10.54	\$5,830		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: rare damage
49302	Exterior Windows (B)	01-24-2008	01-24-2008	5	25%	\$10.54	\$145,760		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49303	Exterior Windows (B)	01-24-2008	01-24-2008	2	25%	\$10.54	\$145,760		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: can't open windows more than 3 inches typ.

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 38 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49304	Exterior Doors/Hatches (C)	01-24-2008	01-24-2008	2	4%	\$1.19	\$2,633		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: wood doors are very worn - most have some damage at lock set area, top or bottom
Totals:							\$252,495	\$846,350	
49305	Floor Structure (A)	01-24-2008	01-24-2008	2	13%	\$9.35	\$67,238		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: frequent cracks - damage at slab in boiler room from corrosive chemicals
49306	Floor Structure (A)	01-24-2008	01-24-2008	2	26%	\$9.35	\$134,476		Sub-Component: Raised Floor Wood Condition Observed: Floor sagging or showing other similar such failure. Note: classroom areas - almost every classroom has issues with floor structure and finishes, including gym
49307	Floor Structure (A)	01-24-2008	01-24-2008	2	6%	\$9.35	\$31,033		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: in corridors under terrazzo - frequent cracks 15 ft O.C. typ - locations of settling that has been ground down to remove tripping h
49308	Stair Treads/Risers (B)	01-24-2008	01-24-2008	2	6%	\$5.95	\$19,748		Sub-Component: Stair Structure Condition Observed: Stair flight is settling or the under-structure physically failing. Note: large crack and displacement at landing of NE stair

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 39 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals: \$228,723	\$2,367,014	
49309	Interior Wall Systems (A)	01-24-2008	01-24-2008	2	6%	\$9.06	\$30,070		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 75% throughout - frequent cracks in corridor, occasional cracks in classrooms with occasional damage
49310	Ceilings (B)	01-24-2008	01-24-2008	2	3%	\$12.09	\$20,063		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: 95% throughout - frequent cracks in corridors - occasional cracks in classrooms
49311	Interior Doors/Hardware/Windows (C)	01-24-2008	01-24-2008	2	10%	\$2.84	\$15,710		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: badly worn or damaged
49312	Interior Doors/Hardware/Windows (C)	01-24-2008	01-24-2008	2	1%	\$2.84	\$1,571		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: wood doors are very worn - many have some damage top or bottom
49313	Interior Doors/Hardware/Windows (C)	01-24-2008	01-24-2008	2	2%	\$2.84	\$3,142		Sub-Component: Frame Condition Observed: The frame is split or separating from wall. Note: frames are moving with the walls - the head of some frames are not level - some displaced 2" across door openings

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 40 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49314	Floor Finishes (D)	01-24-2008	01-24-2008	2	2%	\$10.59	\$11,716		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 15% throughout - light damage, mostly in restrooms in B-Wing
49315	Floor Finishes (D)	01-24-2008	01-24-2008	2	5%	\$10.59	\$29,290		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: 10% throughout - terrazzo - has frequent cracks in corridors, 15 ft O.C. avg. some settling displacement
49316	Floor Finishes (D)	01-24-2008	01-24-2008	2	20%	\$10.59	\$117,161		Sub-Component: Wood Condition Observed: Boards are split or warped. Note: 45% throughout - frequent damage and heaving to wood floor structure
Totals:							\$0	\$881,200	
System: Specialties (6)									
49317	Fixed Seating/Risers (C)	01-24-2008	01-24-2008	2	12%	\$0.00	\$0		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: original to building - worn out

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 41 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: HVAC System (7)</i>							Totals:	\$227,774 \$2,324,420	
49318	Heating (A)	01-24-2008	01-24-2008	4	8%	\$21.01	\$92,977		Sub-Component: Boiler/Furnace Condition Observed: Burner, combustion chamber, or fans are faulty beyond repair. Note: (2) steam boilers - only one is operable, looking to replace the second
49319	Heating (A)	01-24-2008	01-24-2008	4	8%	\$21.01	\$92,977		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: multiple patches in crawl spaces - some only a few inches apart
49320	Ventilating (B)	01-24-2008	01-24-2008	4	12%	\$6.30	\$41,820		Sub-Component: Air Handler Condition Observed: The distribution fans and coils are dysfunctional. Note: (2) in gym - one hasn't worked in years

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 42 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/24/2008

Building: Longfellow Elementary_Great

Gross Area: 55,317 Sq Ft

Report Renewal Cost: \$1,626,408

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 11.9%

Age Class:

Const. Date: 1958

Replacement Cost: \$13,619,599

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)							Totals: \$274,483	\$1,261,228	
49321	Lighting (B)	01-24-2008	01-24-2008	4	16%	\$7.57	\$67,000		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: throughout except TNT Addition
49322	Lighting (B)	01-24-2008	01-24-2008	5	19%	\$7.57	\$79,562		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: replace
49323	Distribution (C)	01-24-2008	01-24-2008	2	25%	\$9.25	\$127,921		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: original - almost out of space
System: Safety System (11)							Totals: \$39,120	\$574,744	
49324	Exit/Emergency Lighting/Alarms (C)	01-24-2008	01-24-2008	3	22%	\$2.08	\$25,313		Sub-Component: Exit Lights Condition Observed: The fixture above the exit doors are either not illuminated or non-existent. Note: most are not illuminated
49325	Exit/Emergency Lighting/Alarms (C)	01-24-2008	01-24-2008	3	12%	\$2.08	\$13,807		Sub-Component: Emergency Lighting Condition Observed: The lighting along the path of egress is either not illuminated or non-existent. Note: there is a work order in

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1

Page 43 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LOY

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Loy Elementary_Great Falls

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$1,251,463

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 9.6%

Age Class:

Const. Date: 1963

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						Totals:	\$229,775	\$2,251,864	
49358	Exterior Walls (A)	01-30-2008	01-30-2008	5	8%	\$20.25	\$86,038		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: at window infills only
49359	Exterior Windows (B)	01-30-2008	01-30-2008	5	25%	\$10.54	\$139,945		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49360	Exterior Doors/Hatches (C)	01-30-2008	01-30-2008	2	6%	\$1.19	\$3,792		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: window glides
System: Roof System (4)						Totals:	\$4,509	\$878,439	
49361	Covering (B)	01-30-2008	01-30-2008	4	1%	\$8.49	\$4,509		Sub-Component: Flashing Condition Observed: Obvious lifting, seam separation, or corrosion. Note: some leaks

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 51 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Loy Elementary_Great Falls

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$1,251,463

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 9.6%

Age Class:

Const. Date: 1963

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Finishes (5)</i>						Totals:	\$94,482	\$2,272,577	
49362	Interior Wall Systems (A)	01-30-2008	01-30-2008	2	3%	\$9.06	\$14,435		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 25% throughout
49363	Ceilings (B)	01-30-2008	01-30-2008	2	1%	\$12.09	\$6,421		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: 65% throughout - rare damage to tiles
49364	Floor Finishes (D)	01-30-2008	01-30-2008	2	2%	\$10.59	\$11,249		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 65% throughout - damaged tiles at concrete slab joints
49365	Floor Finishes (D)	01-30-2008	01-30-2008	2	1%	\$10.59	\$5,624		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 4% throughout
49366	Wall Finishes (E)	01-30-2008	01-30-2008	2	13%	\$8.22	\$56,753		Sub-Component: Ceramic/Stone Tile Condition Observed: Broken tiles. Note: ceramic brick 3% throughout, in restrooms, at divider curtain recess in gym - frequent cracks or some damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 52 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Loy Elementary_Great Falls

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$1,251,463

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 9.6%

Age Class:

Const. Date: 1963

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)							Totals: \$18,918	\$846,042	
49367	Toilet Partitions (A)	01-30-2008	01-30-2008	2	10%	\$3.01	\$15,986		Sub-Component: Metal/Other Condition Observed: Structurally failing in some manner or doors fallen from hinges. Note: rusting
49368	Chalk/Tack/Whiteboards/Cabinets (D)	01-30-2008	01-30-2008	2	3%	\$1.84	\$2,932		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: classroom 11
System: HVAC System (7)							Totals: \$274,478	\$2,231,682	
49369	Heating (A)	01-30-2008	01-30-2008	4	5%	\$21.01	\$55,792		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: pneumatic , temperature fluctuates frequently
49370	Heating (A)	01-30-2008	01-30-2008	4	16%	\$21.01	\$178,535		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: piping is buried in acidic clay soils and are corroding from the outside
49371	Ventilating (B)	01-30-2008	01-30-2008	4	12%	\$6.30	\$40,151		Sub-Component: Room Ventilators Condition Observed: The room ventilator no longer provides heat or air movement. Note: not used because air velocity not controllable - too cold in winter. Used in warmer periods but doesn't provide enough cooling

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1

Page 53 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/30/2008

Building: Loy Elementary_Great Falls

Gross Area: 53,110 Sq Ft

Report Renewal Cost: \$1,251,463

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$246.21

Deficiency Ratio: 9.6%

Age Class:

Const. Date: 1963

Replacement Cost: \$13,076,213

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)						Totals:	\$548,892	\$1,385,109	
49372	Supply Piping (B)	01-30-2008	01-30-2008	2	25%	\$13.78	\$182,964		Sub-Component: Piping Condition Observed: Leaks, clogged, or otherwise not delivering water reliably. Note: hot water lines developing numerous pin holes, need to replace throughout
49373	Supply Piping (B)	01-30-2008	01-30-2008	2	50%	\$13.78	\$365,928		Sub-Component: Pumps Condition Observed: Circulation pumps have fully failed or have history of repeated break downs. Note: circulation pump - bearings overheat frequently and it just shuts off
System: Electrical System (9)						Totals:	\$80,409	\$1,210,908	
49374	Lighting (B)	01-30-2008	01-30-2008	5	20%	\$7.57	\$80,409		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: existing use T12 bulbs

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 54 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

MEADOW LARK

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.08

Last Audit Date: 1/22/2008

Building: Meadowlark Elementary_Great

Gross Area: 38,303 Sq Ft

Report Renewal Cost: \$213,397

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$271.33

Deficiency Ratio: 2.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$10,393,136

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)							Totals: \$111,174	\$1,789,899	
49375	Exterior Windows (B)	01-22-2008	01-22-2008	5	25%	\$11.61	\$111,174		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: throughout
System: Electrical System (9)							Totals: \$102,223	\$962,554	
49376	Lighting (B)	01-22-2008	01-22-2008	4	15%	\$8.34	\$47,917		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: No explanation
49377	Lighting (B)	01-22-2008	01-22-2008	5	17%	\$8.34	\$54,306		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: except gym, class addition, cafeteria

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 55 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

MORNINGSIDE

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 2/1/2008

Building: Morningside Elementary_Grea

Gross Area: 45,594 Sq Ft

Report Renewal Cost: \$346,657

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.9%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,913,256

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Foundations (1)</i>							Totals:	\$71,902	\$525,243
49379	Footings/Foundation Walls (A)	02-01-2008	02-01-2008	2	15%	\$10.36	\$70,853		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: Significant heaving occurring at the East and West corners of the south face of the building
49380	Exterior Steps/Retaining Walls (B)	02-01-2008	02-01-2008	2	2%	\$1.15	\$1,049		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: loading dock edge damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 56 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 2/1/2008

Building: Morningside Elementary_Grea

Gross Area: 45,594 Sq Ft

Report Renewal Cost: \$346,657

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.9%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,913,256

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)							Totals: \$246,449	\$2,051,274	
49381	Exterior Walls (A)	02-01-2008	02-01-2008	4	1%	\$21.49	\$9,798		Sub-Component: Masonry Unit / Glass Block Condition Observed: Units are cracked, spalled, or coming loose. Note: brick 60% throughout - cracks and damage at the south facing entryways and on the west wall near the health room
49382	Exterior Walls (A)	02-01-2008	02-01-2008	5	10%	\$21.49	\$97,982		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: present only at window infill areas
49383	Exterior Windows (B)	02-01-2008	02-01-2008	5	25%	\$11.18	\$127,435		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49384	Exterior Doors/Hatches (C)	02-01-2008	02-01-2008	2	2%	\$1.26	\$1,149		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: worn out with age & use
49385	Interior Columns/Beams (D)	02-01-2008	02-01-2008	2	2%	\$11.06	\$10,085		Sub-Component: Wood Condition Observed: Settling, shifting, or separating is visible from cracked finishes. Note: Glu-lam beams - they seem to be twisting slightly at areas where heaving is occurring

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
 Deficiency Categories 1-6

FCI Version: 2.0.1
 Page 57 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 2/1/2008

Building: Morningside Elementary_Grea

Gross Area: 45,594 Sq Ft

Report Renewal Cost: \$346,657

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.9%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,913,256

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$22,082	\$2,070,424	
49386	Interior Wall Systems (A)	02-01-2008	02-01-2008	2	1%	\$9.62	\$4,386		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 35% throughout - rare cracks or damage
49387	Ceilings (B)	02-01-2008	02-01-2008	2	1%	\$12.83	\$5,850		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: 5% throughout - minor rare cracks
49388	Interior Doors/Hardware/Windows (C)	02-01-2008	02-01-2008	2	2%	\$3.01	\$2,745		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: worn with age
49389	Floor Finishes (D)	02-01-2008	02-01-2008	2	1%	\$11.24	\$5,125		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 68% throughout - rare damage - in classrooms typically
49390	Wall Finishes (E)	02-01-2008	02-01-2008	2	1%	\$8.72	\$3,976		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: rare flaking and damage
System: Plumbing System (8)						Totals:	\$6,224	\$1,262,042	
49391	Fixtures (A)	02-01-2008	02-01-2008	2	3%	\$4.55	\$6,224		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: one toilet not working

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 58 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

MOUNTAIN VIEW

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Mountain View Elementary_Gr

Gross Area: 45,393 Sq Ft

Report Renewal Cost: \$117,954

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 1.0%

Age Class:

Const. Date: 1973

Replacement Cost: \$11,860,737

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Floor System (3)</i>						<i>Totals:</i>	<i>\$13,101</i>	<i>\$737,182</i>	
49393	Floor Structure (A)	01-31-2008	01-31-2008	2	1%	\$9.93	\$4,508		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: some cracking noted in storage flooring
49394	Stair Treads/Risers (B)	01-31-2008	01-31-2008	2	3%	\$6.31	\$8,593		Sub-Component: Stair Finishes Condition Observed: Interior tread and riser finishes separating from substrate (not just worn). Note: damage at resilient flooring on stair down to gym

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 59 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Mountain View Elementary_Gr

Gross Area: 45,393 Sq Ft

Report Renewal Cost: \$117,954

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 1.0%

Age Class:

Const. Date: 1973

Replacement Cost: \$11,860,737

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$21,117	\$2,061,296	
49395	Interior Wall Systems (A)	01-31-2008	01-31-2008	2	1%	\$9.62	\$4,367		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 85% throughout - rare nicks & dings
49396	Ceilings (B)	01-31-2008	01-31-2008	2	1%	\$12.83	\$5,824		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: gypsum 5% throughout - damage in enclosed storage room
49397	Ceilings (B)	01-31-2008	01-31-2008	2	1%	\$12.83	\$5,824		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 95% throughout - rare damage & staining to acoustical panels
49398	Floor Finishes (D)	01-31-2008	01-31-2008	2	1%	\$11.24	\$5,102		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 23% throughout - rare damage - 2006 most of it was
System: Specialties (6)						Totals:	\$14,480	\$767,596	
49399	Toilet Partitions (A)	01-31-2008	01-31-2008	2	10%	\$3.19	\$14,480		Sub-Component: Metal/Other Condition Observed: Structurally failing in some manner or doors fallen from hinges. Note: screws are pulling out of panels frequently

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 60 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/31/2008

Building: Mountain View Elementary_Gr

Gross Area: 45,393 Sq Ft

Report Renewal Cost: \$117,954

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 1.0%

Age Class:

Const. Date: 1973

Replacement Cost: \$11,860,737

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$69,256	\$1,098,511	
49400	Lighting (B)	01-31-2008	01-31-2008	5	19%	\$8.03	\$69,256		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: only 1 new fixture in building

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 61 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

RIVERVIEW

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

✓ 1

✓ 2

✓ 3

✓ 4

✓ 5

✓ 6

✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/14/2008
Building: Riverview Elementary_Great	Gross Area: 45,342 Sq Ft	Report Renewal Cost: \$248,869
Building Type/ Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 3.7%
Age Class:		
Const. Date: 1960	Replacement Cost: \$6,696,107	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$6,167	\$499,669	
System: Floor System (3)									
219882	Floor Structure (A)	01-14-2008	01-14-2008	2	2%	\$6.80	\$6,167		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: Occasional cracks noted in corridors & 2 classrooms
Totals:							\$4,108	\$379,966	
System: Roof System (4)									
219883	Covering (B)	01-14-2008	01-14-2008	4	2%	\$4.53	\$4,108		Sub-Component: Rof drainage Condition Observed: Interior drains, gutters, or scuppers are not functional or corroded to point of failure. Note: gutters in good shape but they tend to form ice dams and not function.
Totals:							\$11,072	\$1,366,608	
System: Finishes (5)									
219884	Interior Doors/Hardware/Windows (	01-14-2008	01-14-2008	2	2%	\$1.79	\$1,623		Sub-Component: Relites / Interior Windows Condition Observed: Glass and/or stops are broken. Note: At transoms in classroom corridor walls
219885	Wall Finishes (E)	01-14-2008	01-14-2008	2	4%	\$5.21	\$9,449		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: Throughout - restrooms

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 1 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail by Building

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/14/2008	✓ 1
Building: Riverview Elementary_Great	Gross Area: 45,342 Sq Ft	Report Renewal Cost: \$248,869	✓ 2
Building Type/ Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 3.7%	✓ 3
Age Class:			✓ 4
Const. Date: 1960	Replacement Cost: \$6,696,107		✓ 5
			✓ 6
			✓ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						Totals:	\$27,477	\$510,551	
219886	Chalk/Tackboards/Cabinets (D)	01-14-2008	01-14-2008	2	10%	\$6.06	\$27,477		Sub-Component: Chalkboard/Markerboard Condition Observed: At least 25% of board surface does not retain ink/chalk. Note: typically chalkboards in classrooms
System: Electrical System (9)						Totals:	\$158,557	\$738,621	
219887	Lighting (B)	01-14-2008	01-14-2008	4	45%	\$5.65	\$115,282		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: Throughout
219888	Lighting (B)	01-14-2008	01-14-2008	5	12%	\$5.65	\$30,742		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: Throughout except in multipurpose room & corridors
219889	Distribution (C)	01-14-2008	01-14-2008	2	4%	\$6.91	\$12,533		Sub-Component: Service Panels Condition Observed: Panels old - breaker: / fuses no longer available AND no remaining capacity. Note: kitchen panel trips

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 2 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/14/2008
Building: Riverview Elementary_Great	Gross Area: 45,342 Sq Ft	Report Renewal Cost: \$248,869
Building Type/ Age Class: Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 3.7%
Const. Date: 1960	Replacement Cost: \$6,696,107	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$41,488	\$405,811	
219890	Exit/Emergency Lighting/Alarms (C)	01-14-2008	01-14-2008	7	70%	\$0.98	\$31,105		Sub-Component: Fire Alarm System Condition Observed: Alarms are either non-existent, not per current code (ADA), or annunciator not present. Note: only pull stations & bell alarm - no horns or stobes or annunciator
219891	ADA Accessibility (E)	01-14-2008	01-14-2008	7	10%	\$2.29	\$10,383		Sub-Component: Door Hardware Condition Observed: Existing hardware is not code compliant or auto opener is not functional. Note: automatic door at rear entrance door only

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 3 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls
 Building: Riverview Elementary_Great
 Building Type/ Age Class: Elementary School (17B)
 Const. Date: 1960

Area Correction: 1.00
 Gross Area: 45,342 Sq Ft
 Cost/Sq Ft: \$147.68

Last Audit Date: 1/14/2008
 Report Renewal Cost: \$248,869
 Deficiency Ratio: 3.7%

Replacement Cost: \$6,696,107

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$6,167	\$499,669	
System: Floor System (3)									
219882	Floor Structure (A)	01-14-2008	01-14-2008	2	2%	\$6.80	\$6,167		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: Occasional cracks noted in corridors & 2 classrooms
Totals:							\$4,108	\$379,966	
System: Roof System (4)									
219883	Covering (B)	01-14-2008	01-14-2008	4	2%	\$4.53	\$4,108		Sub-Component: Rof drainage Condition Observed: Interior drains, gutters, or scuppers are not functional or corroded to point of failure Note: gutters in good shape but they tend to form ice dams and not function.
Totals:							\$11,072	\$1,366,608	
System: Finishes (5)									
219884	Interior Doors/Hardware/Windows (	01-14-2008	01-14-2008	2	2%	\$1.79	\$1,623		Sub-Component: Relites / Interior Windows Condition Observed: Glass and/or stops are broken. Note: At transoms in classroom corridor walls
219885	Wall Finishes (E)	01-14-2008	01-14-2008	2	4%	\$5.21	\$9,449		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: Throughout - restrooms

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 1 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls
 Building: Riverview Elementary_Great
 Building Type/ Age Class: Elementary School (17B)
 Const. Date: 1960

Area Correction: 1.00
 Gross Area: 45,342 Sq Ft
 Cost/Sq Ft: \$147.68

Last Audit Date: 1/14/2008
 Report Renewal Cost: \$248,869
 Deficiency Ratio: 3.7%

Replacement Cost: \$6,696,107

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Specialties (6)</i>							<i>Totals:</i>	<i>\$27,477</i>	<i>\$510,551</i>
219886	Chalk/Tackboards/Cabinets (D)	01-14-2008	01-14-2008	2	10%	\$6.06	\$27,477		Sub-Component: Chalkboard/Markerboard Condition Observed: At least 25% of board surface does not retain ink/chalk. Note: typically chalkboards in classrooms.
<i>System: Electrical System (9)</i>							<i>Totals:</i>	<i>\$158,557</i>	<i>\$738,621</i>
219887	Lighting (B)	01-14-2008	01-14-2008	4	45%	\$5.65	\$115,282		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: Throughout
219888	Lighting (B)	01-14-2008	01-14-2008	5	12%	\$5.65	\$30,742		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: Throughout except in multipurpose room & corridors
219889	Distribution (C)	01-14-2008	01-14-2008	2	4%	\$6.91	\$12,533		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: kitchen panel trips

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 2 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

✓ 1

✓ 2

✓ 3

✓ 4

✓ 5

✓ 6

✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/14/2008
Building: Riverview Elementary_Great	Gross Area: 45,342 Sq Ft	Report Renewal Cost: \$248,869
Building Type/ Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 3.7%
Age Class:		
Const. Date: 1960	Replacement Cost: \$6,696,107	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>Totals:</i>							\$41,488	\$405,811	
219890	Exit/Emergency Lighting/Alarms (C	01-14-2008	01-14-2008	7	70%	\$0.98	\$31,105		Sub-Component: Fire Alarm System Condition Observed: Alarms are either non-existent, not per current code (ADA), or annunciator not present. Note: only pull stations & bell alarm - no horns or stobes or annunciator
219891	ADA Accessibility (E)	01-14-2008	01-14-2008	7	10%	\$2.29	\$10,383		Sub-Component: Door Hardware Condition Observed: Existing hardware is not code compliant or auto opener is not functional. Note: automatic door at rear entrance door only

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 3 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

SACAJAWEA

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/10/2008

Building: Sacajawea Elementary_Great

Gross Area: 43,676 Sq Ft

Report Renewal Cost: \$419,700

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 3.7%

Age Class:

Const. Date: 1963

Replacement Cost: \$11,412,102

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)						Totals:	\$4,525	\$503,148	
49501	Footings/Foundation Walls (A)	03-10-2008	03-10-2008	2	1%	\$10.36	\$4,525		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: NE corner by Kindergarten - hasn't moved in 20 years
System: Envelope (2)						Totals:	\$191,899	\$1,964,983	
49502	Exterior Walls (A)	03-10-2008	03-10-2008	4	1%	\$21.49	\$9,386		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare damage at mortar joints - NE corner by Kindergarten
49503	Exterior Walls (A)	03-10-2008	03-10-2008	5	8%	\$21.49	\$75,088		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: occurs only at window infill locations
49504	Exterior Windows (B)	03-10-2008	03-10-2008	5	22%	\$11.18	\$107,425		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1
Page 79 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/10/2008

Building: Sacajawea Elementary_Great

Gross Area: 43,676 Sq Ft

Report Renewal Cost: \$419,700

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 3.7%

Age Class:

Const. Date: 1963

Replacement Cost: \$11,412,102

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Roof System (4)</i>							<i>Totals:</i>	<i>\$7,158</i>	<i>\$766,514</i>
49505	Structure (A)	03-10-2008	03-10-2008	2	2%	\$3.69	\$3,223		Sub-Component: Wood Condition Observed: Dry rot observed from underside or clearly sagging. Note: woodpecker damage
49506	Covering (B)	03-10-2008	03-10-2008	4	1%	\$9.01	\$3,935		Sub-Component: Rof drainage Condition Observed: Interior drains, gutters, or scuppers are not functional or corroded to point of failure. Note: gutters & downspouts - downspouts are damaged, kids bending them

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 80 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/10/2008

Building: Sacajawea Elementary_Great

Gross Area: 43,676 Sq Ft

Report Renewal Cost: \$419,700

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 3.7%

Age Class:

Const. Date: 1963

Replacement Cost: \$11,412,102

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$68,410	\$1,983,327	
49507	Interior Wall Systems (A)	03-10-2008	03-10-2008	2	1%	\$9.62	\$4,202		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 75% throughout - rare damage
49508	Interior Wall Systems (A)	03-10-2008	03-10-2008	2	3%	\$9.62	\$12,605		Sub-Component: Masonry Condition Observed: Grout joints have voids and & spalling out. Note: 15% throughout - occasional damage to joints and/or brick, usually near beam bearing points
49509	Ceilings (B)	03-10-2008	03-10-2008	2	3%	\$12.83	\$16,811		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: gypsum board 90% throughout - occasional cracking and damage, encapsulated asbestos acoustical treatment in classrooms and halls about 80% throughout
49510	Interior Doors/Hardware/Windows (C)	03-10-2008	03-10-2008	2	2%	\$3.01	\$2,629		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: hole in gym door
49511	Floor Finishes (D)	03-10-2008	03-10-2008	2	2%	\$11.24	\$9,818		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 38% throughout - occasional damage in VAT in classroom restrooms, otherwise rare damage in rest of the building
49512	Floor Finishes (D)	03-10-2008	03-10-2008	2	1%	\$11.24	\$4,909		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 30% throughout - rare seam damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 81 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/10/2008

Building: Sacajawea Elementary_Great

Gross Area: 43,676 Sq Ft

Report Renewal Cost: \$419,700

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 3.7%

Age Class:

Const. Date: 1963

Replacement Cost: \$11,412,102

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49513	Floor Finishes (D)	03-10-2008	03-10-2008	2	2%	\$11.24	\$9,818		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: Ceramic in bathrooms 3% throughout - occasional damage or missing tiles in restrooms, normally at cove base Terrazzo in corridors 20% throughout - occasional damage at NE nea
49514	Wall Finishes (E)	03-10-2008	03-10-2008	2	1%	\$8.72	\$3,809		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: rare paint peeling in classroom restrooms
49515	Wall Finishes (E)	03-10-2008	03-10-2008	2	1%	\$8.72	\$3,809		Sub-Component: Ceramic/Stone Tile Condition Observed: Broken tiles. Note: Ceramic tile 5% throughout - restrooms, a few missing tiles in boys
Totals:							\$852	\$738,561	
System: Specialties (6)									
49516	Chalk/Tack/Whiteboards/Cabinets (D)	03-10-2008	03-10-2008	2	1%	\$1.95	\$852		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: damage to plastic laminate in countertops in kitchen and rarely in classrooms

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 82 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/10/2008

Building: Sacajawea Elementary_Great

Gross Area: 43,676 Sq Ft

Report Renewal Cost: \$419,700

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 3.7%

Age Class:

Const. Date: 1963

Replacement Cost: \$11,412,102

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)							Totals: \$17,885	\$1,208,952	
49517	Fixtures (A)	03-10-2008	03-10-2008	2	9%	\$4.55	\$17,885		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: sinks with porcelain finish damage, exposed black steel, need to be replaced
System: Electrical System (9)							Totals: \$128,971	\$1,056,959	
49518	Lighting (B)	03-10-2008	03-10-2008	4	10%	\$8.03	\$35,072		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: old fixtures
49519	Lighting (B)	03-10-2008	03-10-2008	5	17%	\$8.03	\$59,622		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: some newer fixtures in offices
49520	Voice/Data (D)	03-10-2008	03-10-2008	2	18%	\$4.36	\$34,277		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: system exists but expensive to replace, they have been replacing with battery powered satellite clocks - they do this everywhere in this district

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 83 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/5/2008

Building: Skyline Alternative School_

Gross Area: 46,797 Sq Ft

Report Renewal Cost: \$269,343

Building Type/ Vocational School (20C)

Cost/Sq Ft: \$252.88

Deficiency Ratio: 2.3%

Age Class:

Const. Date: 1985

Replacement Cost: \$11,834,025

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>						Totals:	\$29,734	\$2,124,116	
49522	Exterior Walls (A)	03-05-2008	03-05-2008	4	1%	\$30.71	\$14,371		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: a couple of lintels over door ways look to be sagging, rare damage at sloped brick sill under windows.
49523	Exterior Walls (A)	03-05-2008	03-05-2008	4	1%	\$30.71	\$14,371		Sub-Component: Masonry Unit / Glass Block Condition Observed: Units are cracked, spalled, or coming loose. Note: some spalling brick faces at sloped brick sill areas under windows
49524	Exterior Doors/Hatches (C)	03-05-2008	03-05-2008	2	1%	\$1.06	\$496		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: door fits too tightly in frame opening - hard to close.
49525	Exterior Doors/Hatches (C)	03-05-2008	03-05-2008	2	1%	\$1.06	\$496		Sub-Component: Frame Condition Observed: The frame is split or separating from wall. Note: there must be some movement because door fits too tightly

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 84 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/5/2008

Building: Skyline Alternative School_

Gross Area: 46,797 Sq Ft

Report Renewal Cost: \$269,343

Building Type/ Vocational School (20C)

Cost/Sq Ft: \$252.88

Deficiency Ratio: 2.3%

Age Class:

Const. Date: 1985

Replacement Cost: \$11,834,025

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals:	\$98,188	\$2,015,079
49526	Interior Wall Systems (A)	03-05-2008	03-05-2008	2	6%	\$10.58	\$29,707		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 40% throughout - frequent damage, mostly due to cabinets and other wall mounted implements being removed
49527	Ceilings (B)	03-05-2008	03-05-2008	2	4%	\$7.70	\$14,413		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 75% throughout - occasional damage to acoustical panels
49528	Ceilings (B)	03-05-2008	03-05-2008	2	1%	\$7.70	\$3,603		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: acoustical tile 15% throughout - rare damage
49529	Floor Finishes (D)	03-05-2008	03-05-2008	2	1%	\$10.89	\$5,096		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 20% throughout - rare damage
49530	Floor Finishes (D)	03-05-2008	03-05-2008	2	7%	\$10.89	\$35,673		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 80% throughout - frequent damage, slated to be replaced this summer
49531	Wall Finishes (E)	03-05-2008	03-05-2008	2	1%	\$10.36	\$4,848		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: rare damage to paint due to water leak

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 85 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

SUNNYSIDE

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 1/17/2008

Building: Sunnyside Elementary_Great

Gross Area: 44,166 Sq Ft

Report Renewal Cost: \$258,186

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 2.2%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,540,134

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)							Totals: \$123,444	\$1,987,028	
49540	Exterior Windows (B)	01-17-2008	01-17-2008	5	25%	\$11.18	\$123,444		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: see metal siding note above
System: Floor System (3)							Totals: \$26,314	\$717,256	
49541	Floor Structure (A)	01-17-2008	01-17-2008	2	6%	\$9.93	\$26,314		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: numerous cracks in slab on grade - most occur near exterior wall and almost every floor has at least one crack going to the
System: Electrical System (9)							Totals: \$108,428	\$1,068,817	
49542	Distribution (C)	01-17-2008	01-17-2008	2	25%	\$9.82	\$108,428		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: panels are really full and they have frequent trouble with breakers tripping

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 88 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

VALLEY VIEW

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Foundations (1)</i>						Totals:	\$22,030	\$501,155	
49543	Footings/Foundation Walls (A)	03-06-2008	03-06-2008	2	2%	\$10.36	\$9,014		Sub-Component: Stem Walls Condition Observed: Stem or basement walls cracked, allowing moisture penetration. Note: dampness on north wall at A-wing
49544	Footings/Foundation Walls (A)	03-06-2008	03-06-2008	2	2%	\$10.36	\$9,014		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: 3/4" crack at interior brick wall by classroom C-1, don't know if it is just floor movement or if foundation is involved as well.
49545	Exterior Steps/Retaining Walls (B)	03-06-2008	03-06-2008	2	7%	\$1.15	\$3,502		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: damage from salting
49546	Exterior Steps/Retaining Walls (B)	03-06-2008	03-06-2008	2	1%	\$1.15	\$500		Sub-Component: Retaining Walls (attached) Condition Observed: Retaining walls (attached to building) broken, settling or shifting out of vertical. Note: water passing through base near building foundation, minor cracks otherwise

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1
Page 89 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Envelope (2)</i>							Totals:	\$239,436	\$1,957,200
49547	Exterior Walls (A)	03-06-2008	03-06-2008	5	9%	\$21.49	\$84,139		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: only occurs at window infill locations
49548	Exterior Windows (B)	03-06-2008	03-06-2008	4	2%	\$11.18	\$9,727		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: a couple of cracked windows & b-b holes
49549	Exterior Windows (B)	03-06-2008	03-06-2008	5	25%	\$11.18	\$121,591		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49550	Exterior Windows (B)	03-06-2008	03-06-2008	2	2%	\$11.18	\$9,727		Sub-Component: Frame Condition Observed: Frame or sash is physically broken so as to be inoperable. Note: break-in damage
49551	Exterior Doors/Hatches (C)	03-06-2008	03-06-2008	2	6%	\$1.26	\$3,289		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: hinge screws at cheap aluminum doors keep coming loose
49552	Exterior Doors/Hatches (C)	03-06-2008	03-06-2008	2	20%	\$1.26	\$10,963		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: cheap aluminum doors are junk, riveted together, air gaps

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 90 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Roof System (4)</i>						<i>Totals:</i>	<i>\$35,277</i>	<i>\$763,478</i>	
49553	Covering (B)	03-06-2008	03-06-2008	4	8%	\$9.01	\$31,357		Sub-Component: Rof drainage Condition Observed: Interior drains, gutters, or scuppers are not functional or corroded to point of failure. Note: gutters & downspouts - frequent damage at PVC downspouts
49554	Covering (B)	03-06-2008	03-06-2008	4	1%	\$9.01	\$3,920		Sub-Component: Membrane/Metal Condition Observed: History of leaks; seams separating, punctured, or lifting at edges. Note: metal "Butler building" panels - one small leak that they can't seem to track down

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Finishes (5)</i>						Totals:	\$87,461	\$1,975,471	
49555	Interior Wall Systems (A)	03-06-2008	03-06-2008	2	1%	\$9.62	\$4,185		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 25% plaster throughout - rare damage
49556	Ceilings (B)	03-06-2008	03-06-2008	2	3%	\$12.83	\$16,744		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: 60% acoustic tiles throughout - occasional damage 20% wood tectum de
49557	Interior Doors/Hardware/Windows (C)	03-06-2008	03-06-2008	2	5%	\$3.01	\$6,547		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: break-in damage, plus finish veneer damage at a couple of doors
49558	Interior Doors/Hardware/Windows (C)	03-06-2008	03-06-2008	2	1%	\$3.01	\$1,309		Sub-Component: Relites / Interior Windows Condition Observed: Glass and/or stops are broken. Note: couple of cracks at clerestory windows into classrooms
49559	Floor Finishes (D)	03-06-2008	03-06-2008	2	3%	\$11.24	\$14,669		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 65% throughout - mostly VAT, frequent damage plus crack at cold joints in the floor
49560	Floor Finishes (D)	03-06-2008	03-06-2008	2	2%	\$11.24	\$9,779		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: 15% terrazzo throughout - occasional cracks and damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 92 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49561	Floor Finishes (D)	03-06-2008	03-06-2008	2	7%	\$11.24	\$34,228		Sub-Component: Wood Condition Observed: Boards are split or warped. Note: 10% throughout - in gym, damage to the floor from water leaks in 2 locations, needs to be refinished
Totals:							\$27,755	\$735,636	
49562	Toilet Partitions (A)	03-06-2008	03-06-2008	2	20%	\$3.19	\$27,755		Sub-Component: Metal/Other Condition Observed: Structurally failing in some manner or doors fallen from hinges. Note: metal - a couple of doors are beat up a little, replacement needed
Totals:							\$29,104	\$1,939,799	
49563	Heating (A)	03-06-2008	03-06-2008	4	3%	\$22.30	\$29,104		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: pneumatic - hot & cold spots, a few thermostats have trouble switching between night and day mode and need to be started up manually, timer for night set

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 93 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/6/2008

Building: Valley View Elementary_Grea

Gross Area: 43,503 Sq Ft

Report Renewal Cost: \$577,275

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$261.28

Deficiency Ratio: 5.1%

Age Class:

Const. Date: 1961

Replacement Cost: \$11,366,899

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)							Totals: \$24,427	\$1,204,163	
49564	Fixtures (A)	03-06-2008	03-06-2008	2	3%	\$4.55	\$5,938		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: leaks at (2) toilets
49565	Waste Piping (C)	03-06-2008	03-06-2008	2	5%	\$8.50	\$18,489		Sub-Component: Piping Condition Observed: Pump, if there is one, is working properly, but sewer still backs up. Note: (2) floor urinal connections might be leaking
System: Electrical System (9)							Totals: \$111,785	\$1,052,773	
49566	Lighting (B)	03-06-2008	03-06-2008	4	14%	\$8.03	\$48,906		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: No explanation
49567	Lighting (B)	03-06-2008	03-06-2008	5	14%	\$8.03	\$48,906		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: older T12 fixtures
49568	Lighting (B)	03-06-2008	03-06-2008	5	4%	\$8.03	\$13,973		Sub-Component: Occupancy/Daylight Sensor Condition Observed: Sensors not present. Note: some exterior building lights are still manually switch - need to install wall packs

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 94 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

WEST

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.96

Last Audit Date: 1/16/2008

Building: West Elementary_Great Falls

Gross Area: 81,083 Sq Ft

Report Renewal Cost: \$235,514

Building Type/ Elementary School (17B)

Cost/Sq Ft: \$241.18

Deficiency Ratio: 1.2%

Age Class:

Const. Date: 1950

Replacement Cost: \$19,556,409

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals:	\$7,200 \$3,398,999	
49570	Interior Wall Systems (A)	01-16-2008	01-16-2008	2	1%	\$8.88	\$7,200		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: cracking and infrequent spalling
System: Specialties (6)							Totals:	\$0 \$1,265,706	
49571	Fixed Seating/Risers (C)	01-16-2008	01-16-2008	2	25%	\$0.00	\$0		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: gym - 5 risers high both sides - badly worn
System: Electrical System (9)							Totals:	\$228,314 \$1,810,583	
49572	Lighting (B)	01-16-2008	01-16-2008	4	19%	\$7.41	\$114,157		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: throughout
49573	Lighting (B)	01-16-2008	01-16-2008	5	19%	\$7.41	\$114,157		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: 5% are newer - newer remodeled classrooms in NE corner

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 95 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

WHITTIER

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

✓ 1

✓ 2

✓ 3

✓ 4

✓ 5

✓ 6

✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/29/2008
Building: Whittier Elementary_Great F	Gross Area: 29,557 Sq Ft	Report Renewal Cost: \$410,876
Building Type/ Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 9.4%
Age Class:		
Const. Date: 1960	Replacement Cost: \$4,364,978	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals: \$449	\$254,190	
220024	Exterior Steps/Retaining Walls (B)	01-29-2008	01-29-2008	2	2%	\$0.76	\$449		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: nosing damage - they've repair them but the patches are spalling off again
System: Envelope (2)							Totals: \$28,020	\$448,380	
220025	Exterior Walls (A)	01-29-2008	01-29-2008	2	1%	\$7.04	\$2,081		Sub-Component: Paint/Sealer Condition Observed: Paint peeling; masonry or concrete shows efflorescence. Otherwise, exterior siding or material is intact. Note: some flaking at painted fascia
220026	Exterior Walls (A)	01-29-2008	01-29-2008	5	12%	\$7.04	\$24,970		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: addition only
220027	Exterior Doors/Hatches (C)	01-29-2008	01-29-2008	2	4%	\$0.82	\$969		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: worn with age
System: Roof System (4)							Totals: \$72,119	\$247,688	
220028	Insulation (C)	01-29-2008	01-29-2008	5	100%	\$2.44	\$72,119		Sub-Component: Batt Condition Observed: Insulation non-existent or, if present, exhibiting some form of failure. Note: need batt or blown-in insulation like other similar retro-fits seen in district

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 1 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

✓ 1

✓ 2

✓ 3

✓ 4

✓ 5

✓ 6

✓ 7

Site: Great Falls
 Building: Whittier Elementary_Great F
 Building Type/ Age Class: Elementary School (17B)
 Const. Date: 1960

Area Correction: 1.00
 Gross Area: 29,557 Sq Ft
 Cost/Sq Ft: \$147.68

Last Audit Date: 1/29/2008
 Report Renewal Cost: \$410,876
 Deficiency Ratio: 9.4%

Replacement Cost: \$4,364,978

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$40,469	\$890,848	
System: Finishes (5)									
220029	Floor Finishes (D)	01-29-2008	01-29-2008	2	14%	\$9.78	\$40,469		Sub-Component: Wood Condition Observed: Boards are split or warped. Note: 17% throughout - some damage
Totals:							\$5,373	\$332,812	
System: Specialties (6)									
220030	Chalk/Tackboards/Cabinets (D)	01-29-2008	01-29-2008	2	3%	\$6.06	\$5,373		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: countertop - room not noted
Totals:							\$61,493	\$225,815	
System: Plumbing System (8)									
220031	Fixtures (A)	01-29-2008	01-29-2008	2	65%	\$2.81	\$53,986		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: No explanation
220032	Supply Piping (B)	01-29-2008	01-29-2008	2	10%	\$2.54	\$7,507		Sub-Component: Pumps Condition Observed: Circulation pumps have fully failed or have history of repeated break downs. Note: need hot water circulation pump

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 2 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

✓ 1

✓ 2

✓ 3

✓ 4

✓ 5

✓ 6

✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/29/2008
Building: Whittier Elementary_Great F	Gross Area: 29,557 Sq Ft	Report Renewal Cost: \$410,876
Building Type/ Elementary School (17B)	Cost/Sq Ft: \$147.68	Deficiency Ratio: 9.4%
Age Class:		
Const. Date: 1960	Replacement Cost: \$4,364,978	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Electrical System (9)</i>							<i>Totals: \$135,267</i>	<i>\$481,484</i>	
220033	Lighting (B)	01-29-2008	01-29-2008	4	30%	\$5.65	\$50,099		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: No explanation
220034	Lighting (B)	01-29-2008	01-29-2008	5	51%	\$5.65	\$85,168		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: T12 fixtures except in corridor, new addition, & gym
<i>System: Safety System (11)</i>							<i>Totals: \$67,686</i>	<i>\$264,535</i>	
220035	ADA Accessibility (E)	01-29-2008	01-29-2008	7	100%	\$2.29	\$67,686		Sub-Component: Upgrade with Elevator Condition Observed: Differential with adjacent floor levels is such that a ramp is not practical for ADA accessibility. Note: need elevator

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 3 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

EAST MIDDLE SCHOOL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail by Building

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/28/2008	✓ 1
Building: East Middle School_Great Fa	Gross Area: 145,124 Sq Ft	Report Renewal Cost: \$1,488,958	✓ 2
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 6.6%	✓ 3
Age Class:			✓ 4
Const. Date: 1960	Replacement Cost: \$22,395,536		✓ 5
			✓ 6
			✓ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals: \$3,831	\$493,422	
219645	Footings/Foundation Walls (A)	01-28-2008	01-28-2008	2	1%	\$2.64	\$3,831		Sub-Component: Stem Walls Condition Observed: Stem or basement walls cracked, allowing moisture penetration. Note: rare cracking
System: Envelope (2)							Totals: \$647,775	\$2,738,490	
219646	Exterior Walls (A)	01-28-2008	01-28-2008	4	1%	\$8.36	\$12,132		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: minor cracks in mortar due to settling
219647	Exterior Windows (B)	01-28-2008	01-28-2008	5	90%	\$4.25	\$555,099		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: throughout except some in newer D- wing
219648	Exterior Doors/Hatches (C)	01-28-2008	01-28-2008	2	24%	\$0.75	\$26,122		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: very cheap aluminum storefront with problems & frequent damage
219649	Exterior Doors/Hatches (C)	01-28-2008	01-28-2008	2	50%	\$0.75	\$54,422		Sub-Component: Hatches Condition Observed: The roof hatch is allowing in moisture or is dysfunctional. Note: all blocked after roof retrofit

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 1 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail by Building

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/28/2008	✓ 1
Building: East Middle School_Great Fa	Gross Area: 145,124 Sq Ft	Report Renewal Cost: \$1,488,958	✓ 2
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 6.6%	✓ 3
Age Class:			✓ 4
Const. Date: 1960	Replacement Cost: \$22,395,536		✓ 5
			✓ 6
			✓ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals: \$289,101	\$4,783,287	
219650	Interior Doors/Hardware/Windows (	01-28-2008	01-28-2008	2	1%	\$1.66	\$2,409		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: some locksets very loose
219651	Floor Finishes (D)	01-28-2008	01-28-2008	2	15%	\$13.17	\$286,692		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 15% throughout - worn and rare damage in offices
System: HVAC System (7)							Totals: \$92,299	\$4,101,204	
219652	Ventilating (B)	01-28-2008	01-28-2008	4	15%	\$4.24	\$92,299		Sub-Component: Room Ventilators Condition Observed: The room ventilator no longer provides heat or air movement. Note: they no longer use the ventilator systems, they have asbestos inside and so they have disabled them - should be replaced
System: Electrical System (9)							Totals: \$134,400	\$2,600,622	
219653	Lighting (H)	01-28-2008	01-28-2008	5	9%	\$5.67	\$74,057		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: older T12 fixtures
219654	Distribution (C)	01-28-2008	01-28-2008	2	6%	\$6.93	\$60,343		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: classroom panels are full in G and J wing

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 2 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail by Building

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/28/2008	✓ 1
Building: East Middle School_Great Fa	Gross Area: 145,124 Sq Ft	Report Renewal Cost: \$1,488,958	✓ 2
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 6.6%	✓ 3
Age Class:			✓ 4
Const. Date: 1960	Replacement Cost: \$22,395,536		✓ 5
			✓ 6
			✓ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$321,552	\$1,092,784	
System: Safety System (11)									
219655	Exit/Emergency Lighting/Alarms (C	01-28-2008	01-28-2008	3	4%	\$2.15	\$12,481		Sub-Component: Exit Lights Condition Observed: The fixture above the exit doors are either not illuminated or non-existent. Note: not enough fixtures - kids keep damaging them so they only use signs
219656	ADA Accessibility (E)	01-28-2008	01-28-2008	7	85%	\$2.29	\$282,484		Sub-Component: Restrooms Condition Observed: Existing rooms are not configured to accommodate ADA requirements, but adequate square footage exists to re-configure without reducing fixture count. Note: public and student upgrades needed
219657	ADA Accessibility (E)	01-28-2008	01-28-2008	7	8%	\$2.29	\$26,587		Sub-Component: Door Hardware Condition Observed: Existing hardware is not code compliant or auto opener is not functional. Note: lever locksets in D-wing only currently

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 3 of 3

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

NORTH MIDDLE SCHOOL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls Area Correction: 1.00 Last Audit Date: 1/25/2008
 Building: North Middle School_Great F Gross Area: 128,110 Sq Ft Report Renewal Cost: \$1,109,178
 Building Type/ Junior High School (18B) Cost/Sq Ft: \$154.32 Deficiency Ratio: 5.6%
 Age Class:
 Const. Date: 1960 Replacement Cost: \$19,769,935

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$25,162	\$435,574	
System: Foundations (1)									
219834	Footings/Foundation Walls (A)	01-25-2008	01-25-2008	2	6%	\$2.64	\$20,293		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: 3" settlement in area near girls' locker room
219835	Exterior Steps/Retaining Walls (B)	01-25-2008	01-25-2008	2	1%	\$0.76	\$974		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: nosing damage at SW
219836	Exterior Steps/Retaining Walls (B)	01-25-2008	01-25-2008	2	4%	\$0.76	\$3,895		Sub-Component: Retaining Walls (attached) Condition Observed: Retaining walls (attached to building) broken, settling or shifting out of vertical. Note: (2) south end - SE wall is tipping
Totals:							\$478,952	\$2,417,436	
System: Envelope (2)									
219837	Exterior Walls (A)	01-25-2008	01-25-2008	4	1%	\$8.36	\$10,710		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: some damage - settling
219838	Exterior Windows (B)	01-25-2008	01-25-2008	4	1%	\$4.25	\$5,445		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: minor damage - b-b holes
219839	Exterior Windows (B)	01-25-2008	01-25-2008	5	85%	\$4.25	\$462,797		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: throughout except at TNT addition

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 1 of 4

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail by Building

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/25/2008	✓ 1
Building: North Middle School_Great F	Gross Area: 128,110 Sq Ft	Report Renewal Cost: \$1,109,178	✓ 2
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 5.6%	✓ 3
Age Class:			✓ 4
Const. Date: 1960	Replacement Cost: \$19,769,935		✓ 5
			✓ 6
			✓ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
							Totals: \$137,462	\$2,872,226	
219840	Floor Structure (A)	01-25-2008	01-25-2008	2	5%	\$21.46	\$137,462		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: concrete - settling trouble near girls locker room & at expansion joint near main office

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 2 of 4

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/25/2008
Building: North Middle School_Great F	Gross Area: 128,110 Sq Ft	Report Renewal Cost: \$1,109,178
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 5.6%
Age Class:		
Const. Date: 1960	Replacement Cost: \$19,769,935	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$206,347	\$4,222,506	
219841	Interior Walls (A)	01-25-2008	01-25-2008	2	2%	\$5.88	\$15,066		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 35% throughout - rare damage
219842	Interior Walls (A)	01-25-2008	01-25-2008	2	18%	\$5.88	\$135,592		Sub-Component: Masonry Condition Observed: Grout joints have voids and & spalling out. Note: 65% throughout - rare damage typically - multiple large cracks in area near girls locker room
219843	Ceilings (B)	01-25-2008	01-25-2008	2	3%	\$7.19	\$27,633		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 80% throughout - very minor damage or staining present
219844	Interior Doors/Hardware/Windows (	01-25-2008	01-25-2008	2	1%	\$1.66	\$2,127		Sub-Component: Frame Condition Observed: The frame is split or separating from wall. Note: frame damage at room 302 - settling problems
219845	Wall Finishes (E)	01-25-2008	01-25-2008	2	4%	\$5.06	\$25,929		Sub-Component: Ceramic/Stone Tile Condition Observed: Broken tiles. Note: ceramic 5% throughout - damage to ceramic brick in girls shower

System: Specialties (6)						Totals:	\$166,543	\$1,492,482	
219846	Fixed Seating/Risers (C)	01-25-2008	01-25-2008	2	100%	\$1.30	\$166,543		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: original - worn out, hard to operate - 10 sections

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 3 of 4

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail by Building

Def. Categories

- ✓ 1
- ✓ 2
- ✓ 3
- ✓ 4
- ✓ 5
- ✓ 6
- ✓ 7

Site: Great Falls	Area Correction: 1.00	Last Audit Date: 1/25/2008
Building: North Middle School_Great F	Gross Area: 128,110 Sq Ft	Report Renewal Cost: \$1,109,178
Building Type/ Junior High School (18B)	Cost/Sq Ft: \$154.32	Deficiency Ratio: 5.6%
Age Class:		
Const. Date: 1960	Replacement Cost: \$19,769,935	

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
							Totals:	\$65,375 \$2,295,731	
219847	Lighting (B)	01-25-2008	01-25-2008	5	9%	\$5.67	\$65,375		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: No explanation
							Totals:	\$29,337 \$964,668	
219848	ADA Accessibility (E)	01-25-2008	01-25-2008	7	10%	\$2.29	\$29,337		Sub-Component: Door Hardware Condition Observed: Existing hardware is not code compliant or auto opener is not functional. Note: mostly knobs

12/12/2008

Deficiency Detail by Building

FCI Version: 1.1.5

Page 4 of 4

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

C.M. RUSSELL
HIGH SCHOOL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals:	\$43,612 \$1,204,307	
49159	Footings/Foundation Walls (A)	01-21-2008	01-21-2008	2	2%	\$4.41	\$19,526		Sub-Component: Stem Walls Condition Observed: Stem or basement walls cracked, allowing moisture penetration. Note: small cracks showing signs of water infiltration, more serious looking damage to grade beams and foundation wall corners at tunnel locatio
49160	Footings/Foundation Walls (A)	01-21-2008	01-21-2008	2	2%	\$4.41	\$19,526		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: rare signs of settling in a couple of building corners on exterior wall
49161	Exterior Steps/Retaining Walls (B)	01-21-2008	01-21-2008	2	2%	\$1.03	\$4,560		Sub-Component: Retaining Walls (attached) Condition Observed: Retaining walls (attached to building) broken, settling or shifting out of vertical. Note: large crack and slight displacement from vertical

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 8 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						Totals: \$1,033,291	\$9,490,561		
49162	Exterior Walls (A)	01-21-2008	01-21-2008	4	1%	\$18.70	\$41,398		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare cracks in mortar
49163	Exterior Walls (A)	01-21-2008	01-21-2008	4	1%	\$18.70	\$41,398		Sub-Component: Wood/Plaster/Metal Condition Observed: Siding is delaminating, buckling, or otherwise physically failing. Note: metal 2% throughout - fascia panels Plaster 3% throughout - ceiling at apron walkway, some spalling & cracks
49164	Exterior Windows (B)	01-21-2008	01-21-2008	4	1%	\$13.85	\$30,661		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: spandrel glazing is plastic - multiple cracks and breaks allowing moisture into spaces above ceilings
49165	Exterior Windows (B)	01-21-2008	01-21-2008	5	25%	\$13.85	\$766,528		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: throughout
49166	Exterior Windows (B)	01-21-2008	01-21-2008	2	5%	\$13.85	\$153,306		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: aluminum doors at breezeways wearing

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 9 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Finishes (5)</i>							Totals:	\$134,376 \$8,795,427	
49167	Interior Wall Systems (A)	01-21-2008	01-21-2008	2	1%	\$10.21	\$22,603		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 40% throughout - rare minor damage
49168	Ceilings (B)	01-21-2008	01-21-2008	2	1%	\$11.47	\$25,392		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: 5% throughout - rare minor damage
49169	Ceilings (B)	01-21-2008	01-21-2008	2	1%	\$11.47	\$25,392		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 70% throughout - occasional damage to panel's vinyl facing, rare grid damage - maintenance believes the walls are tipping from vertical
49170	Interior Doors/Hardware/Windows (C)	01-21-2008	01-21-2008	2	1%	\$2.69	\$5,955		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: rare trouble with locks & knobs
49171	Interior Doors/Hardware/Windows (C)	01-21-2008	01-21-2008	2	1%	\$2.69	\$5,955		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: abuse
49172	Interior Doors/Hardware/Windows (C)	01-21-2008	01-21-2008	2	1%	\$2.69	\$5,955		Sub-Component: Relites / Interior Windows Condition Observed: Glass and/or stops are broken. Note: occasional damage to classroom door side lights

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 10 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49173	Floor Finishes (D)	01-21-2008	01-21-2008	2	1%	\$9.74	\$21,562		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 50% throughout, classrooms, kitchen, cafeteria, science labs - very rare damage
49174	Floor Finishes (D)	01-21-2008	01-21-2008	2	1%	\$9.74	\$21,562		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 15% throughout, offices, classrooms - very rare damage, rare looking worn
Totals:							\$29,422	\$3,685,977	
49175	Signage/Directories (B)	01-21-2008	01-21-2008	2	5%	\$0.69	\$7,638		Sub-Component: Room & Directional Signs Condition Observed: Fallen off or physically broken. Note: missing room numbers
49176	Chalk/Tack/Whiteboards/Cabinets (D)	01-21-2008	01-21-2008	2	1%	\$9.84	\$21,784		Sub-Component: Chalkboard/Markerboard Condition Observed: At least 25% of board surface does not retain ink/chalk. Note: 85% markerboards throughout 5 or 6 chalkboards need replacement due to damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 11 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)							Totals: \$308,028	\$8,427,937	
49177	Heating (A)	01-21-2008	01-21-2008	4	5%	\$8.61	\$95,304		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: pneumatic - room temperatures fluctuates
49178	Heating (A)	01-21-2008	01-21-2008	4	5%	\$8.61	\$95,304		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: multiple valve problems & leaks - rubber diaphragms failing - corrosion
49179	Ventilating (B)	01-21-2008	01-21-2008	4	12%	\$4.42	\$117,420		Sub-Component: Specialized Exhaust Condition Observed: Area or equipment exhaust not functional or otherwise inadequate based on interview. Note: (2) in kitchen, (1) home ec, (3) science labs - need replacement
System: Plumbing System (8)							Totals: \$37,989	\$2,459,532	
49180	Fixtures (A)	01-21-2008	01-21-2008	2	6%	\$2.86	\$37,989		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: all urinals in process of being replaced

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 12 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/21/2008

Building: CM Russell High School_Grea

Gross Area: 221,380 Sq Ft

Report Renewal Cost: \$2,142,648

Building Type/ High School (19B)

Cost/Sq Ft: \$222.71

Deficiency Ratio: 4.3%

Age Class:

Const. Date: 1964

Replacement Cost: \$49,303,540

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						Totals:	\$528,302	\$4,598,063	
49181	Lighting (B)	01-21-2008	01-21-2008	4	14%	\$6.67	\$206,725		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: ballasts replaced with electronic as they fail
49182	Lighting (B)	01-21-2008	01-21-2008	5	18%	\$6.67	\$265,789		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: estimated only 10 percent new fixtures
49183	Voice/Data (D)	01-21-2008	01-21-2008	2	6%	\$4.20	\$55,788		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: functioning in most classrooms still
System: Conveying (10)						Totals:	\$27,628	\$230,235	
49184	Elevator/Lift (A)	01-21-2008	01-21-2008	2	12%	\$1.04	\$27,628		Sub-Component: Controls Condition Observed: The elevator controls from the hall or cab work intermittently or not at all. Note: key lockout in elevator cab not functioning correctly

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 13 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.21

Last Audit Date: 1/22/2008

Building: CMR Shop Annex_ Great Falls

Gross Area: 13,280 Sq Ft

Report Renewal Cost: \$40,812

Building Type/ Vocational Shops (6B)

Cost/Sq Ft: \$219.06

Deficiency Ratio: 1.4%

Age Class:

Const. Date: 1978

Replacement Cost: \$2,909,250

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)							Totals: \$3,466	\$397,603	
49195	Exterior Doors/Hatches (C)	01-22-2008	01-22-2008	2	6%	\$4.35	\$3,466		Sub-Component: Overhead Door Condition Observed: Door binds to point of not operable. Note: (5) total - wood & auto shop are binding
System: Floor System (3)							Totals: \$6,809	\$324,430	
49196	Floor Structure (A)	01-22-2008	01-22-2008	2	3%	\$17.09	\$6,809		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: some cracking
System: Finishes (5)							Totals: \$490	\$277,154	
49197	Ceilings (B)	01-22-2008	01-22-2008	2	1%	\$0.87	\$116		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 30% throughout - occasional damage
49198	Floor Finishes (D)	01-22-2008	01-22-2008	2	1%	\$2.82	\$374		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 15% throughout - some damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 14 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.21

Last Audit Date: 1/22/2008

Building: CMR Shop Annex_Great Falls

Gross Area: 13,280 Sq Ft

Report Renewal Cost: \$40,812

Building Type/ Vocational Shops (6B)

Cost/Sq Ft: \$219.06

Deficiency Ratio: 1.4%

Age Class:

Const. Date: 1978

Replacement Cost: \$2,909,250

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)							Totals: \$2,550	\$61,221	
49199	Chalk/Tack/Whiteboards/Cabinets (D)	01-22-2008	01-22-2008	2	3%	\$3.20	\$1,275		Sub-Component: Tackboard Condition Observed: Covering is ripped. Note: worn - abuse
49200	Chalk/Tack/Whiteboards/Cabinets (D)	01-22-2008	01-22-2008	2	3%	\$3.20	\$1,275		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: occational wear & abuse - small engine repair & auto shop
System: HVAC System (7)							Totals: \$8,693	\$289,770	
49201	Heating (A)	01-22-2008	01-22-2008	4	6%	\$10.91	\$8,693		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: electronic
System: Electrical System (9)							Totals: \$18,804	\$222,573	
49202	Lighting (B)	01-22-2008	01-22-2008	5	20%	\$7.08	\$18,804		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: throughout

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1

Page 15 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.21

Last Audit Date: 1/23/2008

Building: CMR Shop_Great Falls

Gross Area: 18,000 Sq Ft

Report Renewal Cost: \$108,666

Building Type/ Vocational Shops (6B)

Cost/Sq Ft: \$219.06

Deficiency Ratio: 2.8%

Age Class:

Const. Date: 1965

Replacement Cost: \$3,943,260

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)							Totals: \$49,219	\$439,740	
49187	Floor Structure (A)	01-23-2008	01-23-2008	2	16%	\$17.09	\$49,219		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: large areas where slab is heaving or settling - drafting room as 2 major cracks
System: Finishes (5)							Totals: \$2,695	\$375,660	
49188	Ceilings (B)	01-23-2008	01-23-2008	2	1%	\$0.87	\$157		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 30% throughout - damaged face on panels
49189	Floor Finishes (D)	01-23-2008	01-23-2008	2	5%	\$2.82	\$2,538		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 30 % throughout - damaged because of slab cracking - old
System: HVAC System (7)							Totals: \$5,891	\$392,760	
49190	Heating (A)	01-23-2008	01-23-2008	4	3%	\$10.91	\$5,891		Sub-Component: Boiler/Furnace Condition Observed: Burner, combustion chamber, or fans are faulty beyond repair. Note: (3) hot water boilers, original 1964- this boiler room serves all buildings on campus except Shop Annex Building - (2) running full tim

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
 Deficiency Categories 1-6

FCI Version: 2.0.1

Page 16 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.21

Last Audit Date: 1/23/2008

Building: CMR Shop_Great Falls

Gross Area: 18,000 Sq Ft

Report Renewal Cost: \$108,666

Building Type/ Vocational Shops (6B)

Cost/Sq Ft: \$219.06

Deficiency Ratio: 2.8%

Age Class:

Const. Date: 1965

Replacement Cost: \$3,943,260

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Plumbing System (8)							Totals:	\$3,708	\$234,180
49191	Fixtures (A)	01-23-2008	01-23-2008	2	10%	\$2.06	\$3,708		Sub-Component: Hot Water Generation Condition Observed: Multiple components (burners, peripherals, exchanger or combustion chamber) require overhaul. Water temp unreliable. Note: serves whole campus except Shop Annex building (3) heaters - (2) operatio
System: Electrical System (9)							Totals:	\$47,153	\$301,680
49192	Lighting (B)	01-23-2008	01-23-2008	4	17%	\$7.08	\$21,665		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: all old fixtures
49193	Lighting (B)	01-23-2008	01-23-2008	5	20%	\$7.08	\$25,488		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: all old fixtures

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 17 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/22/2008

Building: CMRFieldhouse_Great Falls

Gross Area: 64,573 Sq Ft

Report Renewal Cost: \$140,661

Building Type/ Athletic Facilities (5B)

Cost/Sq Ft: \$248.27

Deficiency Ratio: 0.9%

Age Class:

Const. Date: 1965

Replacement Cost: \$16,032,184

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)							Totals: \$34,030	\$987,967	
49204	Floor Structure (A)	01-22-2008	01-22-2008	2	4%	\$9.35	\$24,150		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: cracks, heaving or settling depending on location - settling in SW corner
49205	Floor Structure (A)	01-22-2008	01-22-2008	2	1%	\$9.35	\$6,038		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: concrete - damage below weight room in SW corner steel at classroom remodels
49206	Stair Treads/Risers (B)	01-22-2008	01-22-2008	2	1%	\$5.95	\$3,842		Sub-Component: Stair Rails Condition Observed: Interior stair railings physically broken or coming disassembled. Note: some a little loose
System: Roof System (4)							Totals: \$3,971	\$1,144,879	
49207	Covering (B)	01-22-2008	01-22-2008	4	1%	\$6.15	\$3,971		Sub-Component: Membrane/Metal Condition Observed: History of leaks; seams separating, punctured, or lifting at edges. Note: single-ply membrane - soffit panels are asbestos based with some damage

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 18 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/22/2008

Building: CMRFieldhouse_Great Falls

Gross Area: 64,573 Sq Ft

Report Renewal Cost: \$140,661

Building Type/ Athletic Facilities (5B)

Cost/Sq Ft: \$248.27

Deficiency Ratio: 0.9%

Age Class:

Const. Date: 1965

Replacement Cost: \$16,032,184

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals: \$5,128	\$2,500,267	
49208	Interior Doors/Hardware/Windows (C)	01-22-2008	01-22-2008	2	1%	\$3.97	\$2,564		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: wear & abuse
49209	Interior Doors/Hardware/Windows (C)	01-22-2008	01-22-2008	2	1%	\$3.97	\$2,564		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: abuse
System: Specialties (6)							Totals: \$63,850	\$2,548,696	
49210	Signage/Directories (B)	01-22-2008	01-22-2008	2	15%	\$0.72	\$6,974		Sub-Component: Room & Directional Signs Condition Observed: Fallen off or physically broken. Note: missing
49211	Fixed Seating/Risers (C)	01-22-2008	01-22-2008	2	12%	\$5.78	\$44,788		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: telescoping bleachers on upper level worn - won't pull out easily
49212	Chalk/Tack/Whiteboards/Cabinets (D)	01-22-2008	01-22-2008	2	9%	\$1.04	\$6,044		Sub-Component: Tackboard Condition Observed: Covering is ripped. Note: worn out
49213	Chalk/Tack/Whiteboards/Cabinets (D)	01-22-2008	01-22-2008	2	9%	\$1.04	\$6,044		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: worn counters, door damage, work tables are beat up

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 19 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.98

Last Audit Date: 1/22/2008

Building: CMRFieldhouse_Great Falls

Gross Area: 64,573 Sq Ft

Report Renewal Cost: \$140,661

Building Type/ Athletic Facilities (5B)

Cost/Sq Ft: \$248.27

Deficiency Ratio: 0.9%

Age Class:

Const. Date: 1965

Replacement Cost: \$16,032,184

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Electrical System (9)</i>							Totals:	\$33,682	\$1,059,643
49214	Lighting (B)	01-22-2008	01-22-2008	4	4%	\$6.52	\$16,841		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: offices and lockers
49215	Lighting (B)	01-22-2008	01-22-2008	5	4%	\$6.52	\$16,841		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: offices and lockers
49216	Voice/Data (D)	01-22-2008	01-22-2008	2	5%	\$0.00	\$0		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: replaced with battery powered clocks

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 20 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

GREAT FALLS HIGH SCHOOL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Foundations (1)</i>							Totals:	\$8,017 \$1,259,004	
49238	Exterior Steps/Retaining Walls (B)	01-18-2008	01-18-2008	2	2%	\$2.06	\$8,017		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: nosing damage
<i>System: Envelope (2)</i>							Totals:	\$1,052,095 \$8,213,686	
49239	Exterior Walls (A)	01-18-2008	01-18-2008	5	13%	\$18.70	\$473,051		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: only shop addition has insulation plus where large windows were infilled with Kal-wall looking pan
49240	Exterior Windows (B)	01-18-2008	01-18-2008	5	25%	\$11.77	\$572,584		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: large windows have been infilled but small operable windows still single pane
49241	Exterior Doors/Hatches (C)	01-18-2008	01-18-2008	2	4%	\$0.83	\$6,460		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: very old and worn - kept up as well as possible

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 22 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)							Totals: \$45,651	\$4,736,345	
49242	Floor Structure (A)	01-18-2008	01-18-2008	2	1%	\$23.46	\$45,651		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: occational heaving and cracking in non-public basement areas only; settling in automotive shop but not cracking; rare crack
System: Finishes (5)							Totals: \$62,716	\$8,451,087	
49243	Interior Doors/Hardware/Windows (C)	01-18-2008	01-18-2008	2	7%	\$2.69	\$36,641		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: functional but wearing out
49244	Interior Doors/Hardware/Windows (C)	01-18-2008	01-18-2008	2	1%	\$2.69	\$5,234		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: wooden kitchen freight door damage - original classroom doors are 80% glass, looks nice but not very secure.
49245	Floor Finishes (D)	01-18-2008	01-18-2008	2	1%	\$10.71	\$20,841		Sub-Component: Wood Condition Observed: Boards are split or warped. Note: 45% throughout - classrooms, gym - some warping and rare damage in classrooms

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 23 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Specialties (6)</i>						<i>Totals:</i>	<i>\$24,674</i>	<i>\$3,099,835</i>	
49246	Signage/Directories (B)	01-18-2008	01-18-2008	2	2%	\$0.69	\$2,685		Sub-Component: Room & Directional Signs Condition Observed: Fallen off or physically broken. Note: some missing room number plates
49247	Fixed Seating/Risers (C)	01-18-2008	01-18-2008	2	5%	\$2.26	\$21,989		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: telescoping bleachers worn badly - fixed bleachers in gym = steel risers w/ wood seats - great shape

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 24 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)							Totals: \$342,695	\$6,092,644	
49248	Heating (A)	01-18-2008	01-18-2008	4	16%	\$5.17	\$160,966		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: pneumatic - usually too hot in building although 3 or 4 rooms where rather cool
49249	Heating (A)	01-18-2008	01-18-2008	4	1%	\$5.17	\$10,060		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: occasional failures some possible clogging
49250	Heating (A)	01-18-2008	01-18-2008	4	16%	\$5.17	\$160,966		Sub-Component: Alternative Fuel Condition Observed: Alternative fuel system inoperable. Note: back up oil for existing boiler - very old and should probably be discarded. The only time they tried to use it 10 or so years ago it took days to clean the bl
49251	Ventilating (B)	01-18-2008	01-18-2008	4	5%	\$1.10	\$10,703		Sub-Component: Specialized Exhaust Condition Observed: Area or equipment exhaust not functional or otherwise inadequate based on interview. Note: cafeteria, home ec., chemistry, wood shop, welding shop, auto shop - teachers noted that auto and welding s
System: Plumbing System (8)							Totals: \$4,398	\$1,883,641	
49252	Fixtures (A)	01-18-2008	01-18-2008	2	1%	\$2.26	\$4,398		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: noted a couple of broken or "out of order" toilets

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 25 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)							Totals: \$482,236	\$3,629,122	
49253	Lighting (B)	01-18-2008	01-18-2008	4	1%	\$5.93	\$11,539		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: most ballasts have been replaced but fixtures are old
49254	Lighting (B)	01-18-2008	01-18-2008	5	19%	\$5.93	\$219,246		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: 5% are newer
49255	Distribution (C)	01-18-2008	01-18-2008	2	7%	\$7.24	\$98,619		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: no expansion room, breakers tripping - age is assumed, knife switches with fuses are still being used in boiler room
49256	Voice/Data (D)	01-18-2008	01-18-2008	2	21%	\$3.74	\$152,832		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: very few clocks on master system left - most are battery powered
System: Conveying (10)							Totals: \$2,238	\$223,780	
49257	Elevator/Lift (A)	01-18-2008	01-18-2008	2	1%	\$1.15	\$2,238		Sub-Component: Controls Condition Observed: The elevator controls from the hall or cab work intermittently or not at all. Note: key activation is cheap - breaks about every 3 months or so

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 26 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.93

Last Audit Date: 1/18/2008

Building: Great Falls High School_Gre

Gross Area: 194,591 Sq Ft

Report Renewal Cost: \$2,035,306

Building Type/ High School (19A)

Cost/Sq Ft: \$216.80

Deficiency Ratio: 4.8%

Age Class:

Const. Date: 1931

Replacement Cost: \$42,187,329

Deficiencies (%): 1 - 100

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Safety System (11)</i>							Totals:	\$10,586 \$1,947,856	
49258	Exit/Emergency Lighting/Alarms (C)	01-18-2008	01-18-2008	3	2%	\$2.72	\$10,586		Sub-Component: Exit Lights Condition Observed: The fixture above the exit doors are either not illuminated or non-existent. Note: we noticed not enough exit signs in art & band area - easy to get lost. Multiple stairs add to confusion

PARIS GIBSON
EDUCATION CENTER

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals:	\$13,360	\$936,221
49419	Footings/Foundation Walls (A)	03-11-2008	03-11-2008	2	2%	\$5.18	\$13,360		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: floor sagging beneath office B-23

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)						Totals:	\$296,599	\$5,209,822	
49420	Exterior Walls (A)	03-11-2008	03-11-2008	4	1%	\$27.76	\$35,798		Sub-Component: Masonry Unit / Glass Block Condition Observed: Units are cracked, spalled, or coming loose. Note: brick 60% throughout limestone 3% throughout - some cracks in panels at main entrance
49421	Exterior Walls (A)	03-11-2008	03-11-2008	4	1%	\$27.76	\$35,798		Sub-Component: Wood/Plaster/Metal Condition Observed: Siding is delaminating, buckling, or otherwise physically failing. Note: stucco 30% throughout - rare damage, looks like cars backed into wall 7% metal fascia panels
49422	Exterior Windows (B)	03-11-2008	03-11-2008	4	1%	\$6.99	\$9,014		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: damage at cafeteria & couple of basement windows
49423	Exterior Windows (B)	03-11-2008	03-11-2008	5	22%	\$6.99	\$198,309		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: No explanation
49424	Exterior Windows (B)	03-11-2008	03-11-2008	2	1%	\$6.99	\$9,014		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: latches broken
49425	Exterior Doors/Hatches (C)	03-11-2008	03-11-2008	2	4%	\$0.96	\$4,952		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: old & worn

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 63 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49426	Exterior Doors/Hatches (C)	03-11-2008	03-11-2008	2	3%	\$0.96	\$3,714		Sub-Component: Overhead Door Condition Observed: Door binds to point of not operable. Note: (7) O.H. doors at shop - 4 security gates
Totals:							\$18,569	\$4,160,121	
49427	Stair Treads/Risers (B)	03-11-2008	03-11-2008	2	1%	\$3.60	\$4,642		Sub-Component: Stair Finishes Condition Observed: Interior tread and riser finishes separating from substrate (not just worn). Note: very rare nosing damage to terrazzo steps
49428	Stair Treads/Risers (B)	03-11-2008	03-11-2008	2	3%	\$3.60	\$13,927		Sub-Component: Stair Rails Condition Observed: Interior stair railings physically broken or coming disassembled. Note: one has a loose end

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$256,674	\$5,479,340	
49429	Interior Wall Systems (A)	03-11-2008	03-11-2008	2	3%	\$10.52	\$40,699		Sub-Component: Framed - GWB Condition Observed: Framing obviously out of plumb, or large surface holes and breaks. Note: 30% throughout - occasional holes & face paper damage
49430	Interior Wall Systems (A)	03-11-2008	03-11-2008	2	1%	\$10.52	\$13,566		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 30% throughout - occasional cracks & damage
49431	Ceilings (B)	03-11-2008	03-11-2008	2	1%	\$7.66	\$9,878		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: 70% throughout - rare cracks & damage
49432	Ceilings (B)	03-11-2008	03-11-2008	2	4%	\$7.66	\$39,512		Sub-Component: Lay In Condition Observed: Fiber-based ceiling tiles are damaged or ceiling grid has deflected. Note: 13% throughout - frequent cracks & damage
49433	Ceilings (B)	03-11-2008	03-11-2008	2	6%	\$7.66	\$59,268		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: wood 15% throughout - gym acoustical tile 70% throughout - frequent
49434	Interior Doors/Hardware/Windows (C)	03-11-2008	03-11-2008	2	5%	\$3.18	\$20,504		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: worn, age, locks worn badly

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 65 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Age Class: Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49435	Interior Doors/Hardware/Windows (C)	03-11-2008	03-11-2008	2	1%	\$3.18	\$4,101		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: worn, age - veneer peeling
49436	Floor Finishes (D)	03-11-2008	03-11-2008	2	2%	\$10.83	\$27,932		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 50% throughout - occasional damage & cracks - a lot of tiles popped up & damaged in room 210 (hoping to abate and redo with VCT
49437	Floor Finishes (D)	03-11-2008	03-11-2008	2	2%	\$10.83	\$27,932		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 20% throughout - frequent damage & staining in classrooms, offices typically OK
49438	Wall Finishes (E)	03-11-2008	03-11-2008	2	1%	\$10.30	\$13,282		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: some peeling & damage

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Specialties (6)</i>						<i>Totals:</i>	<i>\$105,021</i>	<i>\$1,618,398</i>	
49439	Toilet Partitions (A)	03-11-2008	03-11-2008	2	50%	\$0.95	\$61,254		Sub-Component: Metal/Other Condition Observed: Structurally failing in some manner or doors fallen from hinges. Note: metal - rust & damage
49440	Fixed Seating/Risers (C)	03-11-2008	03-11-2008	2	25%	\$0.96	\$30,949		Sub-Component: Bleachers Condition Observed: Telescoping bleachers broken or bind to a point of inoperable. Note: a lot of damage, won't close properly
49441	Chalk/Tack/Whiteboards/Cabinets (D)	03-11-2008	03-11-2008	2	1%	\$9.94	\$12,818		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: some veneer damage, a couple of drawers & doors close very tightly - in home ec rooms

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 67 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School _ Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: HVAC System (7)</i>							Totals:	\$129,342 \$4,191,070	
49442	Heating (A)	03-11-2008	03-11-2008	4	3%	\$10.03	\$38,803		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: hot & cold spots
49443	Heating (A)	03-11-2008	03-11-2008	4	5%	\$10.03	\$64,671		Sub-Component: Boiler/Furnace Condition Observed: Burner, combustion chamber, or fans are faulty beyond repair. Note: (2) steam boilers - 15 years old, trouble with pressure fluctuation, pumps undersized, leaks in one boiler section, various problems - t
49444	Heating (A)	03-11-2008	03-11-2008	4	1%	\$10.03	\$12,934		Sub-Component: Room Units Condition Observed: Baseboards or fin tubes not emitting heat. Note: occasional valve sticking
49445	Heating (A)	03-11-2008	03-11-2008	4	1%	\$10.03	\$12,934		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: boiler room piping will probably need to be resized with pumps are up-sized

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 68 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 0.94

Last Audit Date: 3/11/2008

Building: Paris Gibson School_Great F

Gross Area: 128,956 Sq Ft

Report Renewal Cost: \$958,657

Building Type/ Vocational School (20A)

Cost/Sq Ft: \$217.63

Deficiency Ratio: 3.4%

Age Class:

Const. Date: 1948

Replacement Cost: \$28,064,694

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Electrical System (9)</i>							<i>Totals:</i>	<i>\$139,092 \$2,500,457</i>	
49446	Lighting (B)	03-11-2008	03-11-2008	5	2%	\$6.47	\$16,687		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: still some old fixtures
49447	Distribution (C)	03-11-2008	03-11-2008	2	12%	\$7.91	\$122,405		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: panels in original building full, home ec full, need more power in classrooms

1/22/2018

Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1

Page 69 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

SKYLINE

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/5/2008

Building: Skyline Alternative School_

Gross Area: 46,797 Sq Ft

Report Renewal Cost: \$269,343

Building Type/ Vocational School (20C)

Cost/Sq Ft: \$252.88

Deficiency Ratio: 2.3%

Age Class:

Const. Date: 1985

Replacement Cost: \$11,834,025

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49532	Wall Finishes (E)	03-05-2008	03-05-2008	2	1%	\$10.36	\$4,848		Sub-Component: Wall Covering / FRP Condition Observed: Wall covering is blistered, peeling off or separating at seams. Note: vinyl wall covering 50% throughout - rare damage
Totals:							\$63,063	\$563,436	
System: Plumbing System (8)									
49533	Fixtures (A)	03-05-2008	03-05-2008	2	3%	\$3.17	\$4,450		Sub-Component: Sinks/Toilets/showers Condition Observed: Fixture is broken or valve parts no longer available. Note: plugged, problems from not being used, one faucet broken
49534	Supply Piping (B)	03-05-2008	03-05-2008	2	25%	\$5.01	\$58,613		Sub-Component: Pumps Condition Observed: Circulation pumps have fully failed or have history of repeated break downs. Note: 1 of 2 hot circulation pumps not functioning
Totals:							\$56,344	\$1,228,421	
System: Electrical System (9)									
49535	Lighting (B)	03-05-2008	03-05-2008	2	2%	\$8.95	\$8,377		Sub-Component: Wiring Condition Observed: Wiring to fixtures is known to be failing. Note: problem with a circuit which has some emergency lights and fire exit lights on it - electrician hasn't had time to troubleshoot
49536	Voice/Data (D)	03-05-2008	03-05-2008	2	25%	\$4.10	\$47,967		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: they have been pretty much abandoned

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 86 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.04

Last Audit Date: 3/5/2008

Building: Skyline Alternative School_

Gross Area: 46,797 Sq Ft

Report Renewal Cost: \$269,343

Building Type/ Vocational School (20C)

Cost/Sq Ft: \$252.88

Deficiency Ratio: 2.3%

Age Class:

Const. Date: 1985

Replacement Cost: \$11,834,025

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Safety System (11)</i>							Totals:	\$22,014	\$525,998
49537	Exit/Emergency Lighting/Alarms (C)	03-05-2008	03-05-2008	3	12%	\$1.96	\$11,007		Sub-Component: Exit Lights Condition Observed: The fixture above the exit doors are either not illuminated or non-existent. Note: believed to be a wiring problem
49538	Exit/Emergency Lighting/Alarms (C)	03-05-2008	03-05-2008	3	12%	\$1.96	\$11,007		Sub-Component: Emergency Lighting Condition Observed: The lighting along the path of egress is either not illuminated or non-existent. Note: believed to be a wiring problem

DISTRICT OFFICES BUILDING

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.21

Last Audit Date: 11/14/2008

Building: District Administration Bui

Gross Area: 16,000 Sq Ft

Report Renewal Cost: \$53,901

Building Type/ General Classroom/Office (3B)

Cost/Sq Ft: \$309.54

Deficiency Ratio: 1.1%

Age Class:

Const. Date: 1950

Replacement Cost: \$4,952,800

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)							Totals: \$6,643	\$411,840	
49220	Exterior Walls (A)	11-14-2008	11-14-2008	5	6%	\$6.92	\$6,643		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: present at 60% of exterior walls
System: Electrical System (9)							Totals: \$47,258	\$688,480	
49221	Lighting (B)	11-14-2008	11-14-2008	4	10%	\$11.36	\$18,176		Sub-Component: Fixtures - PCB Condition Observed: Fixture ballasts are known to contain PCB's. Note: original building
49222	Lighting (B)	11-14-2008	11-14-2008	5	16%	\$11.36	\$29,082		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: throughout

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 21 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LITTLE RUSSELL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Envelope (2)		Totals: \$302,249 \$1,462,255							
49468	Exterior Walls (A)	03-12-2008	03-12-2008	4	1%	\$23.97	\$6,986		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare cracking at mortar joints with some joints needing repointing at top of brick pilasters
49469	Exterior Walls (A)	03-12-2008	03-12-2008	5	15%	\$23.97	\$104,794		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: insulation at window infills only
49470	Exterior Windows (B)	03-12-2008	03-12-2008	4	1%	\$10.60	\$3,089		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: some damaged glass - almost all windows have been covered with plywood to prevent vandalism
49471	Exterior Windows (B)	03-12-2008	03-12-2008	5	25%	\$10.60	\$77,237		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: old wood double hung windows
49472	Exterior Windows (B)	03-12-2008	03-12-2008	2	25%	\$10.60	\$77,237		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: none operate - broken, damaged, aged
49473	Exterior Doors/Hatches (C)	03-12-2008	03-12-2008	2	20%	\$1.40	\$8,161		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: old & worn

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 72 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49474	Exterior Doors/Hatches (C)	03-12-2008	03-12-2008	2	10%	\$1.40	\$4,080		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: old, word & swelling
49475	Interior Columns/Beams (D)	03-12-2008	03-12-2008	2	5%	\$14.18	\$20,665		Sub-Component: Wood Condition Observed: Settling, shifting, or separating is visible from cracked finishes. Note: a lot of roof leak damage, it is assumed there is probably some damage to the wood roof structure/decking as well
Totals:							\$26,954	\$614,689	
49476	Covering (B)	03-12-2008	03-12-2008	4	8%	\$11.56	\$26,954		Sub-Component: Roof drainage Condition Observed: Interior drains, gutters, or scuppers are not functional or corroded to point of failure. Note: gutters & downspouts - gutters need to be cleaned and possible that some sections need to be replaced

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 73 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)							Totals: \$217,747	\$1,614,105	
49477	Interior Wall Systems (A)	03-12-2008	03-12-2008	2	4%	\$11.80	\$13,757		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: plaster 90% throughout - frequent damage, cracking, some water damage
49478	Interior Wall Systems (A)	03-12-2008	03-12-2008	2	1%	\$11.80	\$3,439		Sub-Component: Masonry Condition Observed: Grout joints have voids and & spalling out. Note: brick 8% throughout - rare cracks to mortar joints or brick units
49479	Ceilings (B)	03-12-2008	03-12-2008	2	3%	\$15.74	\$13,763		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: plaster 4% throughout - occasional damage & cracks, water damage
49480	Ceilings (B)	03-12-2008	03-12-2008	2	23%	\$15.74	\$105,514		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: acoustic tile 96% throughout - frequent and sometimes severe damage,
49481	Interior Doors/Hardware/Windows (C)	03-12-2008	03-12-2008	2	5%	\$3.36	\$4,897		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: locksets and knobs worn with age

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 74 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49482	Interior Doors/Hardware/Windows (C)	03-12-2008	03-12-2008	2	1%	\$3.36	\$979		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: veneer damage
49483	Floor Finishes (D)	03-12-2008	03-12-2008	2	10%	\$13.79	\$40,192		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: 74% throughout - frequent and sometimes severe damage, missing tiles, damage from equipment sliding across surface
49484	Floor Finishes (D)	03-12-2008	03-12-2008	2	1%	\$13.79	\$4,019		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: carpet 3% throughout - worn, water damage, stains - replace all
49485	Wall Finishes (E)	03-12-2008	03-12-2008	2	9%	\$10.70	\$28,068		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: frequent & sometimes severe damage, water damage, peeling, cracking, bubbling off of wall surface
49486	Wall Finishes (E)	03-12-2008	03-12-2008	2	1%	\$10.70	\$3,119		Sub-Component: Wall Covering / FRP Condition Observed: Wall covering is blistered, peeling off or separating at seams. Note: masonite wall panels 5% throughout - water damage, cracked, warping - replace all

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 75 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Specialties (6)						Totals:	\$9,530	\$492,276	
49487	Chalk/Tack/Whiteboards/Cabinets (D)	03-12-2008	03-12-2008	2	6%	\$2.18	\$3,812		Sub-Component: Chalkboard/Markerboard Condition Observed: At least 25% of board surface does not retain ink/chalk. Note: some slate & newer chalkboards, some have had black paint applied to make them look like the slate I think - need to be repainted or
49488	Chalk/Tack/Whiteboards/Cabinets (D)	03-12-2008	03-12-2008	2	9%	\$2.18	\$5,718		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: water damage, damage from equipment being bumped into, or onto them
System: HVAC System (7)						Totals:	\$10,332	\$996,793	
49489	Heating (A)	03-12-2008	03-12-2008	4	2%	\$14.92	\$8,697		Sub-Component: Room Units Condition Observed: Baseboards or fin tubes not emitting heat. Note: original building has radiators only - west wing addition has unit ventilators as well
49490	Ventilating (B)	03-12-2008	03-12-2008	4	3%	\$1.87	\$1,635		Sub-Component: Room Ventilators Condition Observed: The room ventilator no longer provides heat or air movement. Note: one unit ventilator is broken

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 76 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Plumbing System (8)</i>						<i>Totals:</i>	<i>\$310,043</i>	<i>\$793,354</i>	
49491	Fixtures (A)	03-12-2008	03-12-2008	2	26%	\$4.01	\$30,388		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: only fixtures in day care (2 rooms) work consistently - damage due to unuse and problems from galvanized piping corrosion
49492	Supply Piping (B)	03-12-2008	03-12-2008	2	45%	\$14.68	\$192,538		Sub-Component: Piping Condition Observed: Leaks, clogged, or otherwise not delivering water reliably. Note: galvanized pipe in building - rusty water and some sediment comes from fixtures in unused sections of the building
49493	Waste Piping (C)	03-12-2008	03-12-2008	2	35%	\$8.54	\$87,117		Sub-Component: Piping Condition Observed: Pump, if there is one, is working properly, but sewer still backs up. Note: sewer line at west wing is not connected to city sewer system, if toilets or sinks are used the water just dumps under the street somew

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 77 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Russell ES_Great Falls

Gross Area: 29,146 Sq Ft

Report Renewal Cost: \$1,012,311

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 12.6%

Age Class:

Const. Date: 1939

Replacement Cost: \$8,019,522

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)						Totals:	\$135,456	\$706,499	
49494	Lighting (B)	03-12-2008	03-12-2008	5	14%	\$7.96	\$32,480		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: a lot of 300 & 500 watt incandescent
49495	Distribution (C)	03-12-2008	03-12-2008	2	12%	\$9.73	\$34,031		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: full - not enough power in classrooms
49496	Distribution (C)	03-12-2008	03-12-2008	3	3%	\$9.73	\$8,508		Sub-Component: Devices Condition Observed: Room outlets lack grounding prongs or GFI at wet locations. Note: didn't notice any GFI outlets near sinks
49497	Voice/Data (D)	03-12-2008	03-12-2008	2	25%	\$4.32	\$31,478		Sub-Component: Telephone Condition Observed: The central portion of the system is inoperable. Note: no school district phone service in building - day care pays for their single line
49498	Voice/Data (D)	03-12-2008	03-12-2008	3	23%	\$4.32	\$28,959		Sub-Component: Data Condition Observed: Data access not provided in all instructional & admin areas. Note: only had data access from tech closet

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 78 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

ROOSEVELT

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Site: Great Falls

Area Correction: 1.08

Last Audit Date: 1/15/2008

Building: Roosevelt Elementary_Great

Gross Area: 33,825 Sq Ft

Report Renewal Cost: \$81,400

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$256.18

Deficiency Ratio: 0.9%

Age Class:

Const. Date: 1927

Replacement Cost: \$8,665,288

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Foundations (1)							Totals:	\$11,338	\$445,137
49460	Footings/Foundation Walls (A)	01-15-2008	01-15-2008	2	2%	\$10.76	\$7,279		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: Evidence of settling at corner of Classroom addition
49461	Exterior Steps/Retaining Walls (B)	01-15-2008	01-15-2008	2	5%	\$2.40	\$4,059		Sub-Component: Finish Condition Observed: Exterior steps spalling. Note: nosing at entry stairs
System: Envelope (2)							Totals:	\$27,581	\$1,579,966
49462	Exterior Walls (A)	01-15-2008	01-15-2008	4	1%	\$22.32	\$7,550		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: Classroom addition
49463	Exterior Windows (B)	01-15-2008	01-15-2008	5	6%	\$9.87	\$20,031		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: Classroom addition only

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 70 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.08

Last Audit Date: 1/15/2008

Building: Roosevelt Elementary_Great

Gross Area: 33,825 Sq Ft

Report Renewal Cost: \$81,400

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$256.18

Deficiency Ratio: 0.9%

Age Class:

Const. Date: 1927

Replacement Cost: \$8,665,288

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Floor System (3)						Totals:	\$5,706	\$370,290	
49464	Floor Structure (A)	01-15-2008	01-15-2008	2	1%	\$10.31	\$3,487		Sub-Component: Raised Floor Concrete/Steel Condition Observed: Floor sagging or showing other similar such failure. Note: frequent cracks in terrazzo in corridors - no sagging
49465	Stair Treads/Risers (B)	01-15-2008	01-15-2008	2	1%	\$6.56	\$2,219		Sub-Component: Stair Finishes Condition Observed: Interior tread and riser finishes separating from substrate (not just worn). Note: terrazzo central stairs - broken nosing
System: Electrical System (9)						Totals:	\$36,775	\$763,092	
49466	Distribution (C)	01-15-2008	01-15-2008	2	12%	\$9.06	\$36,775		Sub-Component: Service Panels Condition Observed: Panels old - breakers / fuses no longer available AND no remaining capacity. Note: cannot find replaced breakers - replacing some panels already

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 71 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

LOWELL

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
<i>System: Foundations (1)</i>							Totals:	\$15,472	\$378,246
49328	Footings/Foundation Walls (A)	03-12-2008	03-12-2008	2	5%	\$11.56	\$15,472		Sub-Component: Foundation Condition Observed: Foundation system settling or pulling away. Note: some water infiltration when irrigation system is running - possible irrigation leaks

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
Totals:							\$234,844	\$1,343,001	
49329	Exterior Walls (A)	03-12-2008	03-12-2008	4	1%	\$23.97	\$6,417		Sub-Component: Masonry Mortar Condition Observed: Masonry grout joints show multiple voids & cracking, but the units themselves are intact. Note: rare cracks in mortar - mostly right by the main entrance
49330	Exterior Walls (A)	03-12-2008	03-12-2008	4	1%	\$23.97	\$6,417		Sub-Component: Wood/Plaster/Metal Condition Observed: Siding is delaminating, buckling, or otherwise physically failing. Note: metal fascia and siding at window infills 10% throughout plaster soffits at 1950 addition 3% throughout - frequent damage to
49331	Exterior Walls (A)	03-12-2008	03-12-2008	5	15%	\$23.97	\$96,248		Sub-Component: Insulation Condition Observed: Insulation known to be not present in the wall cavity or, if present, exhibiting some form of failure. Note: insulation at window infill locations only
49332	Exterior Windows (B)	03-12-2008	03-12-2008	4	1%	\$10.60	\$2,838		Sub-Component: Glass Condition Observed: Glass is cracked and/or glazing putty is failing. Note: rare cracks or b-b holes
49333	Exterior Windows (B)	03-12-2008	03-12-2008	5	25%	\$10.60	\$70,938		Sub-Component: Single Pane Condition Observed: Window assembly is single pane. Note: mostly old wood double-hung
49334	Exterior Windows (B)	03-12-2008	03-12-2008	2	17%	\$10.60	\$48,238		Sub-Component: Hardware Condition Observed: Hardware operators are broken, limiting operation. Note: not functioning

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 45 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49335	Exterior Doors/Hatches (C)	03-12-2008	03-12-2008	2	10%	\$1.40	\$3,748		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: old wood doors swelling and don't open correctly
							Totals:	\$8,890	\$484,787
49336	Floor Structure (A)	03-12-2008	03-12-2008	2	3%	\$11.07	\$8,890		Sub-Component: Slab Condition Observed: Concrete slab on grade has differential cracks but not effecting rest of structure. Note: boiler room slab has frequent cracks with a lot of damage from corrosive boiler chemicals

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Finishes (5)						Totals:	\$299,003	\$1,482,467	
49337	Interior Wall Systems (A)	03-12-2008	03-12-2008	2	6%	\$11.80	\$18,952		Sub-Component: Framed - Plaster Condition Observed: Framing obviously out of plumb, or surface blisters, cracking, or spalling. Note: 93% throughout - occasional damage to walls
49338	Ceilings (B)	03-12-2008	03-12-2008	2	6%	\$15.74	\$25,281		Sub-Component: Plaster / GWB Condition Observed: Sagging, cracking, or spalling. Note: plaster 6% throughout - occasional damage & cracks
49339	Ceilings (B)	03-12-2008	03-12-2008	2	23%	\$15.74	\$96,909		Sub-Component: Wood/Specialty Condition Observed: Specialized ceiling system (wood slat, hidden spline, metal, etc.) has deflection or other physical damage beyond minor stains. Note: acoustic tile 94% throughout - frequent and severe damage throughout
49340	Interior Doors/Hardware/Windows (C)	03-12-2008	03-12-2008	2	5%	\$3.36	\$4,497		Sub-Component: Hardware Condition Observed: One or more components are dysfunctional, but the door is intact. Note: knobs missing, old and worn locksets
49341	Interior Doors/Hardware/Windows (C)	03-12-2008	03-12-2008	2	2%	\$3.36	\$1,799		Sub-Component: Door Condition Observed: The door is physically damaged, but frame intact. Note: a door won't close
49342	Interior Doors/Hardware/Windows (C)	03-12-2008	03-12-2008	2	3%	\$3.36	\$2,698		Sub-Component: Relites / Interior Windows Condition Observed: Glass and/or stops are broken. Note: couple of cracks - one missing glass panel at clerestory above lockers

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

FCI Version: 2.0.1

Deficiency Categories 1-6

Page 47 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
49343	Floor Finishes (D)	03-12-2008	03-12-2008	2	25%	\$13.79	\$92,286		Sub-Component: Resilient Condition Observed: Vinyl tile is popping up, or sheet vinyl has blisters or separating seams. Note: sheet vinyl 6% throughout - this is in Kindergarten and Room 2 which is currently being used as a paint & glass shop & storage
49344	Floor Finishes (D)	03-12-2008	03-12-2008	2	2%	\$13.79	\$7,383		Sub-Component: Carpet Condition Observed: Rippled, seams separating, or face yarn unraveling. Note: 20% throughout - worn
49345	Floor Finishes (D)	03-12-2008	03-12-2008	2	1%	\$13.79	\$3,691		Sub-Component: Ceramic/Stone/Terrazzo Condition Observed: Broken tiles. Note: terrazzo 16% throughout - occasional cracks
49346	Floor Finishes (D)	03-12-2008	03-12-2008	2	10%	\$13.79	\$36,914		Sub-Component: Wood Condition Observed: Boards are split or warped. Note: 55% throughout - rare damage to the actual surface of the wood but they need corrections of floor squeaks and they all need to be resurfaced
49347	Wall Finishes (E)	03-12-2008	03-12-2008	2	3%	\$10.70	\$8,593		Sub-Component: Paint Condition Observed: Paint is peeling or known to contain lead. Note: bubbling & peeling from water damage
Totals:							\$5,252	\$452,128	
System: Specialties (6)									
49348	Chalk/Tack/Whiteboards/Cabinets (D)	03-12-2008	03-12-2008	2	9%	\$2.18	\$5,252		Sub-Component: Cabinets Condition Observed: Doors or drawers are not functional, or counter has delaminated. Note: damage in shops

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 48 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Deficiency Detail Report, Selected Deficiency Range

Def. Categories

- ☒ 1
☒ 2
☒ 3
☒ 4
☒ 5
☒ 6
☐ 7

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: HVAC System (7)							Totals: \$95,854	\$915,500	
49349	Heating (A)	03-12-2008	03-12-2008	4	16%	\$14.92	\$63,903		Sub-Component: Controls Condition Observed: The sensors or valve actuators are dysfunctional. Note: no thermostats throughout - other controls are pneumatic
49350	Heating (A)	03-12-2008	03-12-2008	4	8%	\$14.92	\$31,951		Sub-Component: Hydronic Piping Condition Observed: Piping damaged, leaking, or clogged beyond repair. Note: steam leaks at heater units
System: Plumbing System (8)							Totals: \$3,220	\$728,652	
49351	Fixtures (A)	03-12-2008	03-12-2008	2	3%	\$4.01	\$3,220		Sub-Component: Sinks/Toilets/Showers Condition Observed: Fixture is broken or valve parts no longer available. Note: faucets & flush valves don't work from lack of use

1/22/2018

Deficiency Detail Report, Selected Deficiency Range

Deficiency Categories 1-6

FCI Version: 2.0.1

Page 49 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

K-12 School Districts, Central Montana - Facilities Condition Inventory

Def. Categories

Deficiency Detail Report, Selected Deficiency Range

Site: Great Falls

Area Correction: 1.16

Last Audit Date: 3/12/2008

Building: Lowell Building_Great Falls

Gross Area: 26,769 Sq Ft

Report Renewal Cost: \$799,479

Building Type/ Elementary School (17A)

Cost/Sq Ft: \$275.15

Deficiency Ratio: 10.9%

Age Class:

Const. Date: 1939

Replacement Cost: \$7,365,490

Deficiencies (%): 1 - 100

- ☒ 1
- ☒ 2
- ☒ 3
- ☒ 4
- ☒ 5
- ☒ 6
- ☐ 7

Entry #	Component	Initial Entry	Last Update	Def. Cat.	Def. %	Unit Cost	Comp. Renew Cost	System Replace Cost	Description
System: Electrical System (9)							Totals: \$136,944	\$648,881	
49352	Lighting (B)	03-12-2008	03-12-2008	5	18%	\$7.96	\$38,355		Sub-Component: Fixtures - Energy Condition Observed: Lamps are T12 or incandescent. Note: newer T8 fixtures in main office only - otherwise old fluorescents and incandescents
49353	Distribution (C)	03-12-2008	03-12-2008	3	1%	\$9.73	\$2,605		Sub-Component: Devices Condition Observed: Room outlets lack grounding prongs or GFI at wet locations. Note: damage at outlets in some shops
49354	Voice/Data (D)	03-12-2008	03-12-2008	2	25%	\$4.32	\$28,911		Sub-Component: Intercom Condition Observed: The central portion of the system is inoperable. Note: intercom does not function
49355	Voice/Data (D)	03-12-2008	03-12-2008	2	25%	\$4.32	\$28,911		Sub-Component: Clock Condition Observed: The central portion of the system is inoperable. Note: central clock system disabled
49356	Voice/Data (D)	03-12-2008	03-12-2008	2	15%	\$4.32	\$17,346		Sub-Component: Telephone Condition Observed: The central portion of the system is inoperable. Note: not every room has a functioning phone
49357	Voice/Data (D)	03-12-2008	03-12-2008	3	18%	\$4.32	\$20,816		Sub-Component: Data Condition Observed: Data access not provided in all instructional & admin areas. Note: only a few rooms have data access

1/22/2018

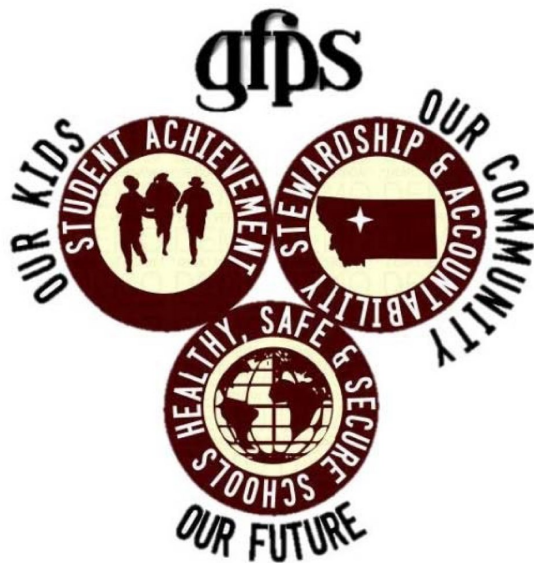
Deficiency Detail Report, Selected Deficiency Range
Deficiency Categories 1-6

FCI Version: 2.0.1
Page 50 of 95

Deficiency Categories: 1: Safety, 2: Damage/Wearout, 3: Codes/Standards, 4: Environmental Improvements, 5: Energy Conservation, 6: Aesthetics, 7: Building Enhancements

Appendix B

Facilities Action Plan
2016



Facility Action Plan

Great Falls Public Schools

Board Approved: February 22, 2016

A conceptual plan to address aging buildings, safety and technology in Great Falls Public Schools. Publish date: April 4, 2016.

Table of Contents

FACILITY ISSUES DEFINED	5
BUILDING STATUS	5
TECHNOLOGY	5
INCREASING ENROLLMENT	6
2013-2016 COMMUNITY INVOLVEMENT:	6
OWNER’S REPRESENTATIVE/CONSULTANT	7
K-8 FACILITY ISSUES ADDRESSED	8
1. Upgrade Infrastructure in All K-8 Buildings (except Longfellow and Roosevelt)	8
PROJECT PURPOSE(S)	8
PROJECT OVERVIEW	8
PROJECT RATIONALE	9
PROJECT IMPACTS AND/OR CONSEQUENCES	10
PROJECT COST ESTIMATES:	10
2. Replace Phone System	10
PROJECT PURPOSE(S)	10
PROJECT OVERVIEW	10
PROJECT RATIONALE	10
PROJECT IMPACTS AND/OR CONSEQUENCES	10
PROJECT COST ESTIMATES	10
3. Build a New School to Replace Roosevelt Elementary School	11
PROJECT PURPOSE(S)	11
PROJECT OVERVIEW	11
PROJECT RATIONALE:	11
PROJECT IMPACTS AND/OR CONSEQUENCES	12
PROJECT COST ESTIMATES	12
4. Build a New School to Replace Longfellow Elementary School	12
PROJECT PURPOSE(S)	12
PROJECT OVERVIEW	12
PROJECT RATIONALE	12
PROJECT IMPACTS AND/OR CONSEQUENCES	13
PROJECT COST ESTIMATES	13
9-12 FACILITY ISSUES ADDRESSED	14

5.	Replace Phone System	14
	PROJECT PURPOSE(S)	14
	PROJECT OVERVIEW	14
	PROJECT RATIONALE	14
	PROJECT IMPACTS AND/OR CONSEQUENCES	14
	PROJECT COST ESTIMATES	14
6.	Upgrade Memorial Stadium	15
	PROJECT PURPOSE(S)	15
	PROJECT OVERVIEW	15
	PROJECT RATIONALE	15
	PROJECT IMPACTS AND/OR CONSEQUENCES	15
7.	Upgrade Paris Gibson Education Center Infrastructure	16
	PROJECT PURPOSE(S)	16
	PROJECT OVERVIEW	16
	PROJECT RATIONALE	16
	PROJECT IMPACTS AND/OR CONSEQUENCES	16
	PROJECT COST ESTIMATES	16
8.	Upgrade CMR Infrastructure	17
	PROJECT PURPOSE(S)	17
	PROJECT OVERVIEW	17
	PROJECT RATIONALE	17
	PROJECT IMPACTS AND/OR CONSEQUENCES	17
	PROJECT COST ESTIMATES	17
9.	Construct CMR Multipurpose Space, Upgrade the Athletic Facilities and Add STEM Classrooms	18
	PROJECT PURPOSE(S)	18
	PROJECT OVERVIEW	18
	PROJECT RATIONALE	18
	PROJECT IMPACTS AND/OR CONSEQUENCES	18
	PROJECT COST ESTIMATES	18
10.	Upgrade GFHS Main Campus Infrastructure, Classrooms, Parking and Technology	19
	PROJECT PURPOSE(S)	19
	PROJECT OVERVIEW	19
	PROJECT RATIONALE	19
	PROJECT IMPACTS AND/OR CONSEQUENCES	20
	PROJECT COST ESTIMATES	20

<u>11. Upgrade GFHS Career & Technical Education (CTE) Facilities, Lunch/Dining Areas, and Building Entrances; Add STEM and CTE Classrooms</u>	20
<u>PROJECT PURPOSE(S)</u>	20
<u>PROJECT OVERVIEW</u>	20
<u>PROJECT RATIONALE</u>	20
<u>PROJECT IMPACTS AND/OR CONSEQUENCES</u>	21
<u>PROJECT COST ESTIMATES</u>	21
<u>SUMMARY OF PROJECTS:</u>	22
<u>ESTIMATE OF PROPERTY TAX IMPACTS</u>	23
<u>Appendix A: Glossary of Terms and Acronyms</u>	24
<u>Appendix B: Roosevelt/Lowell Map</u>	26
<u>Appendix C: Russell Elementary Map</u>	27
<u>Appendix D: Longfellow Map</u>	28
<u>Appendix E: CMR Map</u>	29
<u>Appendix F: GFHS Conceptual Drawing</u>	30
<u>Appendix G: Photos</u>	31

FACILITY ISSUES DEFINED

BUILDING STATUS

Statement of Concern:

A major problem GFPS must address is the current and expected condition of the public's educational buildings. There are 1.9 million square feet of building space in 27 buildings. The buildings are aged and are in need of upgrades and repairs. Some of these needs are critical, meaning they must be done in the very near future, while others can be timed out beyond 20 years. Building systems have a total life expectancy. Many of those systems within the District's buildings have reached or are reaching the end of their life expectancies. Additionally, there is a need for additional multi-purpose space at C.M. Russell High School and shared community athletic spaces need to be updated and maintained.

Age of buildings:

TECHNOLOGY

Statement of Concern:

Over the last decade, GFPS has made significant investments in hardware, software, infrastructure, professional development, and support services. Currently, GFPS funds technology investments via a \$225,000 perpetual annual technology levy, via E-rate and since the passage of the operational levy in 2014, \$300,000 for software subscriptions. The costs of these investments continue to increase without the accompanying increases in funding. All of the GFPS buildings were built before the proliferation of technology. They are not equipped to handle the requirements of a technology rich environment that is currently required of schools.

Fast and reliable wifi is a concern in some schools. The construction of some schools is so dense that wifi solutions are challenging.

The age of the GFPS phone system is a concern. GFPS is tasked with finding a replacement communication system which will undoubtedly incur additional costs.

Video surveillance cameras are an important aspect of the school safety program. As more and more cameras are purchased and installed, there is a concern for the ongoing costs associated with future updates.

INCREASING ENROLLMENT

Statement of Concern:

For the last several years, GFPS and the community has held lots of conversations about enrollment. Of concern are the number of elementary classrooms where the number of students exceeds the accreditation standards for class size. The District will continue to monitor demographic information and to analyze enrollment data and trends. The projects in this plan do not specifically address overloaded classrooms, however some boundary adjustments may be possible given the increased student capacities in the proposed new buildings of Longfellow and Roosevelt.

2013-2016 COMMUNITY INVOLVEMENT:

Community Informational Meetings:

Wednesday, February 25 – 5:30-7:30 – CMR Auditorium

Monday, March 2 – 5:30–7:30 pm – Roosevelt gym

Tuesday, March 10 – 5:30–7:30 pm – Longfellow cafeteria

Wednesday, March 25 – 5:30-7:30 pm – GFH Auditorium

14 Board Work/Public Comment Sessions:

Monday, November 4, 2013, 5:00-8:00 – GFHS South Campus

Tuesday, December 2, 2014, 5:00-7:00 – Aspen

Wednesday, December 10, 2014, 4:30-6:30 – Aspen

Monday, January 5, 2015, 4:30-6:30 – Aspen

Monday, March 30, 2015, 5:30-7:30 – Aspen

Monday, May 11, 2015, 6:30-8:30 – Aspen

Monday, June 15, 2015, 5:30-7:30 – Aspen

Tuesday, July 14, 2015, 5:30-7:30 – Aspen

Tuesday, August 4, 2015, 5:30 -7:30 – Aspen

Monday, August 17, 2015, 5:30-7:30 – Aspen

Monday, August 31, 2015, 4:00-6:00 – Aspen

Monday, November 2, 2015, 5:00-8:00 – GFHS

Monday, December 21, 2015, 5:30-7:00 – Aspen

Tuesday, January 26, 2016, 5:30-7:30 – Aspen

OWNER'S REPRESENTATIVE/CONSULTANT

In order to ensure the viability and feasibility of the final concepts to address the facility needs and to ensure the reasonability of the cost estimates, an owner's representative was sought and subsequently hired.

At the August 31, 2015 Board meeting, the Board requested that a Request For Qualifications (RFQ) be created to solicit the help of a firm or individual to help the district manage all aspects of planning, design, and construction of the Facilities Plan. At the September 14, 2015 Board meeting, the Board approved advertising a Request for Qualifications for an Owner's Facility Planning/Construction Representative. Applications were due October 2, 2015. On October 13, 2015, the interview committee selected Hulteng CCM, Inc. as the top candidate to serve as the Owner's Facility Planning/Construction Representative.

Hulteng CCM, Inc. was established solely for the purpose of providing construction consulting services to a wide range of clients and which consists of: Owners' Representatives, project management, construction management, construction cost consulting, construction project scheduling, and expert witness work including trial testimony and litigation support. Current and past clients include: Billings Public Schools, Glasgow School District #1A, Billings Catholic Schools, Lame Deer School, Yellowstone County, the State of Montana, the State of Wyoming, numerous individuals, corporations and law firms.

The following Hulteng team members working with GFPS are:

Shane Swandal, Principal-in-charge

Eric Hulteng, Principal

Andy Becker, Senior Project Manager

William "BJ" Williams, Project Manager

Ken Elliott, Project Manager (special emphasis in hazardous materials)

In order to evaluate cost proposals, fees, budgets, and change orders, Hulteng has in-house estimating capabilities with qualified estimators in their office. They conduct side-by-side comparative cost estimates with both the contractors and consultants, and have in-depth meetings to discuss findings and assessments. Using these proven processes, Hulteng made adjustments to the cost estimates originally set forth by GFPS. The cost estimates included in this plan have been adjusted accordingly.



K-8 FACILITY ISSUES ADDRESSED

Upgrade Infrastructure in All K-8 Buildings (except Longfellow and Roosevelt)

PROJECT PURPOSE(S):

- Address infrastructure upgrades depending on the needs of the schools

PROJECT OVERVIEW: These high priority infrastructure items have been identified in order to address the challenges presented by aging buildings:

K-6:

Chief Joseph

Lockdown Warning Lights

*Mechanical System Upgrade

Gym Foundation Repair & Remodel

Foundation Repair & Stabilization

Lewis & Clark

*Mechanical System Upgrade

Domestic Water Piping Upgrade

Lincoln

*Mechanical System Upgrade

ADA Compliant Lift Install

Loy

*Mechanical System Upgrade

Manual Excavation of Tunnels

Parking/Bus/Traffic Safety Improvements

Electrical Upgrades

Meadowlark

*Mechanical System Upgrade

Parking/Traffic Safety Improvements

Morningside

Electrical Upgrade

Temperature Control Upgrade

Water Main Line Replacement

Foundation Repair & Stabilization

Mountain View

Conversion of Storage to Education Space

Riverview

*Mechanical System Upgrade

Sacajawea

*Mechanical System Upgrade

Sunnyside

*Mechanical System Upgrade

Electrical Upgrade

West

*Mechanical System Upgrade

Exterior Auditorium Stair Replacement

Valley View

*Mechanical System Upgrade

Whittier

*Mechanical System Upgrade

Elevator Installation

Foundation Repair & Stabilization

7-8:

East Middle School

*Mechanical System Upgrade

Fire Alarm System Replacement

Roof Repair

Partial Window Replacement

North Middle School

Fire Alarm System Replacement

Fire Suppression System Upgrade

Exterior Door Replacement

*Mechanical System Upgrade

Partial Roof Replacement

Foundation Repair & Stabilization

Remodeling Due to Foundation Repair

***Mechanical System Upgrade** includes:

- Boiler replacement
- Air handling equipment upgrades
- Heating, ventilation, and air controls upgrades
- Related equipment upgrades

PROJECT RATIONALE: The public indicated that a concerted effort is needed to address the infrastructural needs of every building. Each school's projects are summarized below:

- Chief Joseph: This building has major structural and foundation issues caused by settling. The mechanical (HVAC) system needs to be updated. The pneumatic controls have major problems and will be replaced by a digital system. The installation of lockdown warning lights will make for safer communications.
- Lewis and Clark: The mechanical (HVAC) system needs to be updated to digital controls to provide for better energy efficiency which will result in energy savings and the steam system needs repair. Some of the domestic water piping needs to be replaced.
- Lincoln: The two boilers are original to the building and are far past life expectancy. There is currently a lift in the building, but it doesn't serve the kindergarten wing. Another ADA (Americans with Disabilities Act) compliant lift is necessary for accessibility.
- Loy: The existing boiler is nearing end of life. Parking lot revisions provide a safer environment for parents, students, and buses. The school's electrical system requires a new distribution panel to supply the needed circuits for the addition and expansion of computer labs, IDF's, and other technology endeavors. The steam and condensate lines as well as other infrastructure items need to be excavated as they are under soil deposited by flooding and are corroding very rapidly.
- Meadow Lark: The existing boiler is nearing end of life. Parking lot upgrade will solve water run-off issues while providing safer drop off and pick up of students along with additional parking.
- Morningside: The mechanical (HVAC) system needs to be updated to digital controls to provide for better energy efficiency which will result in energy savings. Walls are in need of repair due to settling. The school's electrical system requires a new distribution panel to supply the needed circuits for the expansion of technology and infrastructure. The water line continues to have breaks which necessitate a new water line.
- Mountain View: A large and mostly unused space will be converted into an instructional/classroom space to increase the functional capacity.
- Riverview: The boilers which are original to the building will be end of life in the next few years. The mechanical (HVAC) system needs to be updated to digital controls to provide for better energy efficiency which will result in energy savings.
- Sacajawea: The boilers which are original to the building will be end of life in the next few years.
- Sunnyside: The boilers which are original to the building will be end of life in the next few years. The school's electrical system requires a new distribution panel to supply the needed circuits for the expansion of technology and infrastructure.
- West: The boilers, which are original to the building, need to have the tubes replaced. The mechanical (HVAC) system needs to be updated to digital controls to provide for better energy efficiency which will result in energy savings. The stairs leading to the auditorium and used as the entrance/exit to the buses are steep, cracking and not handicap accessible and will be replaced.
- Valley View: The boilers which are original to the building will be end of life in the next few years.
- Whittier: The boilers will need to be replaced in the next few years. To meet the Americans with Disabilities Act (ADA), an elevator needs to be installed. Settling floors need to be repaired and leveled.
- East: Boilers will need to be replaced. A shop electrical upgrade is recommended for student safety. The Fire Alarm System is at its end of life. Major work needs to be done to valves & piping which will pay back in energy savings. Hallway emergency strobes need to be installed to provide a safe environment for handicapped students including students who attend classes from the Montana School for the Deaf and Blind. Windows need to be replaced which will provide for energy savings.
- North: Boilers are original to the building and are nearing end of life. The main walkway & doors are in need of replacement. The Fire Alarm system is nearing end of life. Roof repair will keep water out of the building. Strobe lights need to be installed in high noise classrooms, which include shop and music, for notification purposes. The building has faced substantial foundation shifting which causes the need for stabilization and repair.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Work will need to be spread out over time to allow for the least amount of disruption to educational programming during the school year.
- The identified projects for the bond levy do not include any and all work to be done. Ongoing repair and maintenance from current budgets are assumed.
- The identified projects are those identified to be completed within a 5-year timeframe. There are other infrastructure needs and requirements beyond the 5 years.
- Scope of work will require passage of a bond levy.

PROJECT COST ESTIMATES:

- | | |
|---|-------------|
| • K-6 excluding Longfellow and Roosevelt (13 buildings) | \$7,304,681 |
| • Middle Schools (2 buildings) | \$5,418,370 |

TOTAL FOR K-8

\$12,723,051

2. Replace Phone System

PROJECT PURPOSE(S):

- Replace 950 K-8 phones and the phone system that was originally purchased in 1998 with a modern Voice Over IP system

PROJECT OVERVIEW:

- Purchase and install a new Voice Over IP system that:
 - ◊ Ties in with the Microsoft Active Directory system
 - ◊ Has advanced Emergency-911 Notification Services
 - ◊ Is fault tolerant which allows it to remain operational during power failures

PROJECT RATIONALE:

- It makes sense to replace the 18-year old phone system because:
 - ◊ According to the industry, it reached its end-of-life in 2009.
 - ◊ The manufacturer is no longer in business and therefore parts to make repairs are no longer manufactured.
 - ◊ The District is running out of in-stock parts and parts that can be found on internet sites.
 - ◊ There are frequent outages leaving schools without phone communication while technicians piece it back together. This not only compromises parents' and others' abilities to communicate with the schools, it can also compromise communications required for safety and security purposes.
 - ◊ It is feared that a major failure of the current phone system could leave schools without communication for a significant period of time as the District explored options.
 - ◊ The Voice Over IP system is the most commonly used in modern organizations and is considered best practice.
 - ◊ This concern was first identified in 2008 at a cost of \$1.2M. The cost has decreased.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Scope of work requires passage of a bond levy.

PROJECT COST ESTIMATES:

TOTAL FOR K-8

\$500,000

3. Build a New School to Replace Roosevelt Elementary School

PROJECT PURPOSE(S):

- Construct a modern elementary school to replace an 88-year old building in a safer location at the current location of the Building and Grounds Headquarters at the old Lowell Elementary School, 3117 5th Ave. N. See map in Appendix B.

PROJECT OVERVIEW:

- Upgrade Russell Elementary (2615 Central Ave. W.) See map in Appendix C.
 - ◊ Renovation of ceilings, floor coverings, walls/doors finishes, lighting, etc.
 - ◊ Mechanical System Upgrade
 - ◊ Exhaust system
 - ◊ Exhaust system
 - ◊ New Construction 80' x 180' building
- Continue to accommodate technology work space at Russell Elementary
- Relocate the Buildings and Grounds (B&G) Department housed at Lowell (3117 5th Ave. N.) to Russell Elementary
- Relocate B&G located at the District Office Building (DOB) to Russell Elementary
- Relocate the Environmental Education Department from Lowell to Paris Gibson Education Center (PGEC)
- Demolish Lowell
- Construct a new school on the 5th Ave. N. property

PROJECT RATIONALE:

- It makes sense to build a replacement building for Roosevelt.
 - ◊ It is 88 years old and its infrastructure is suffering from age. A very conservative estimate of repairs that need to be done in the next 10 years is over \$1M with more anticipated to include major plumbing and structural fixes.
 - ◊ It is not a viable educational building for another 50 years.
 - ◊ The location of Roosevelt, surrounded by 3 heavily trafficked one-ways, is less than ideal. There are safety issues for students and parents due to the traffic.
 - ◊ Enrollment is projected to slightly increase and this northside neighborhood has affordable housing which leads to predictions that this will continue to be a family-oriented area.
 - Annual operational savings will occur because the building will include many modern energy saving measures.
- It makes sense to build the replacement building at Lowell.
 - ◊ The District already owns the property.
 - ◊ There will be no disruption of the educational school year as this location does not serve students on a regular basis.
 - ◊ Relocation of current departments and programs at Lowell is possible.
 - ◊ It is only 9 blocks between the two sites so it is still within the neighborhood.
- It makes sense to relocate all Buildings & Grounds departments to Russell Elementary.
 - ◊ Better coordination of efforts
 - ◊ The amount of space available is conducive to this department's needs.
- It makes sense to relocate Environmental Education at PGEC.
 - ◊ It is centrally located and has good bus access to drop off students for instruction
 - ◊ There is classroom space that is available with no need for modification

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Russell Elementary is not centrally located so there will be travel time from the westside to eastside. This can be mitigated by proper dispatching.
- Boundaries may need to be reviewed and there may be busing/transportation implications.
- Preschool opportunities should be considered.
- It will require the moving of programs and departments.
- Scope of work will require passage of a bond levy.

PROJECT COST ESTIMATES:

- Costs of Russell Elementary renovation & construction of building \$ 2,498,554
- Demolition of Lowell and construction of new school \$14,952,217
- Moving expenses – TBD

TOTAL **\$17,450,771**

4. Build a New School to Replace Longfellow Elementary School

PROJECT PURPOSE(S):

- Construct a modern elementary school to replace a 64-year old building with considerable structural concerns. See map in Appendix D.

PROJECT OVERVIEW:

- Relocate and transport Longfellow students to Roosevelt Elementary once Roosevelt students have moved to their new school
- Demolish current building
- Construct a new school on the same block of land where Longfellow is currently located (1101 6th Ave. S.)

PROJECT RATIONALE:

- It makes sense to build a replacement building for Longfellow.
 - ◇ It is 64 years old and its infrastructure is suffering from age and from structural issues caused by an unstable foundation. A very conservative estimate of repairs that need completed in the next 10 years is over \$2.3M with little confidence that the repairs will fix the foundational issues.
 - ◇ It is not a viable educational building for another 50 years.
 - ◇ The location of Longfellow is strategic. It serves a low-income neighborhood and is easily accessible on foot or by public transportation. It serves as a “community center” for this neighborhood.
 - ◇ Enrollment is projected to increase and this southside neighborhood has low-income housing which leads to predictions that this will continue to be a family-oriented area.
- It makes sense to build the replacement building on its current site.
 - ◇ The District already owns the property.
 - ◇ Modern engineering can solve the foundational issues that exist.
 - ◇ With the right design, an even better community center concept could be built.
 - ◇ Annual operational savings will occur because the building will include many modern energy saving measures.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Timing would require the relocation of the entire student body to a different location while the new school is built. There is not enough lot space to build and have school in the current building.
 - ◊ Option: Relocate to the current Roosevelt school once that student body has been moved to its new school.
 - ◊ Transportation will be an issue during this phase.
- Boundaries may need to be reviewed.
- Headstart and preschool opportunities should be considered.
- Scope of work will require passage of a bond levy.

PROJECT COST ESTIMATES:

- | | |
|---|--------------------|
| • Demolition of Longfellow and construction of new school | \$15,233,211 |
| • Moving expenses | Existing Resources |

TOTAL	\$15,233,211
--------------	---------------------

9-12 FACILITY ISSUES ADDRESSED

5. Replace Phone System

PROJECT PURPOSE(S):

- Replace 450 high school phones and the phone system that was originally purchased in 1998 with a modern Voice Over IP system

PROJECT OVERVIEW:

- Purchase and install a new Voice Over IP system that:
 - ◇ Ties in with the Microsoft Active Directory system
 - ◇ Has advanced Emergency-911 Notification Services
 - ◇ Is fault tolerant which allows it to remain operational during power failures

PROJECT RATIONALE:

- It makes sense to replace the 18-year old phone system because:
 - ◇ According to the industry, it reached its end-of-life in 2009.
 - ◇ The manufacturer is no longer in business and therefore parts to make repairs are no longer manufactured.
 - ◇ The District is running out of in-stock parts and parts that can be found on internet sites.
 - ◇ There are frequent outages leaving schools without phone communication while technicians piece it back together. This not only compromises parents' and others' abilities to communicate with the schools, it can also compromise communications required for safety and security purposes.
 - ◇ It is feared that a major failure of the current phone system could leave schools without communication for a significant period of time as the District explored options.
 - ◇ The Voice Over IP system is the most commonly used in modern organizations and is considered best practice.
 - ◇ This concern was first identified in 2008 at a cost of \$1.2M. The cost has decreased.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Scope of work requires passage of a bond levy.

PROJECT COST ESTIMATES:

TOTAL FOR 9-12

\$250,000

6. Upgrade Memorial Stadium

PROJECT PURPOSE(S):

- Address the need for upgrades and repairs to District athletic facilities

PROJECT OVERVIEW:

- Install artificial turf on Memorial field
- Resurface the Memorial Stadium track

PROJECT RATIONALE:

- Artificial turf offers:
 - ◇ Lower maintenance costs for mowing, watering and field preparation
 - ◇ No pesticides or fertilizers
 - ◇ Fewer injuries
 - ◇ Water savings
 - ◇ Increased playing time and field access
 - ◇ Eliminates the need for periodic “Crowning” of natural field surface (expensive)
 - ◇ Eliminates the need for total replacement of the failing irrigation system
- It makes sense that the Memorial track would be resurfaced at the same time that the field is being renovated due to the extensive nature of that construction.
- The track needs to be periodically resurfaced due to:
 - ◇ The heavy use and wear over time
 - ◇ Freezing and thawing effects the subsurface and overcoat layers

PROJECT IMPACTS AND/OR CONSEQUENCES:

- The timing of the construction of Memorial Field would be crucial for football season. If the construction began as soon as the spring track season ended, the field would be complete for the fall football season.
- If artificial turf is not installed, the surface needs to be crowned in the near future which is expensive. Without turf, the entire irrigation system needs to be replaced in the very near future as well.
- The proposed upgrades will provide improved opportunities for both high schools and extended access by the community for Memorial Field use.
- The proposed projects can be partially paid for by reserve funds that the district is currently holding. However, the remaining costs will require passage of a bond levy.

PROJECT COST ESTIMATES AND PROPOSED FUNDING SOURCES:

Area	Cost
Artificial turf Memorial Stadium	\$800,000
Track upgrades at Memorial Stadium	\$225,000
Total	\$1,025,000

Sources of Funding:

Existing Athletic Reserve Funds: **\$320,000**

Bond Levy: **\$705,000**

Total

\$705,000

7. Upgrade Paris Gibson Education Center Infrastructure

PROJECT PURPOSE(S):

- Address the infrastructure, safety and accessibility needs of a 68-year old building

PROJECT OVERVIEW:

- Partial Roof Replacement
- *Mechanical System Upgrade
- Window Replacement in Cafeteria and Library
- Installation of an Elevator, Elevator Shaft and Enclosure, and Stair Lifts
- Plumbing Upgrades
- Cafeteria Furnishing Upgrade

PROJECT RATIONALE: As PGEC is 68 years old, it is time to attend to several infrastructural concerns:

- There are major roof repairs needed to keep water and mold out of the building.
- The burner needs to be replaced in one of the boilers.
- The mechanical (HVAC) system needs to be updated to digital controls to provide for better energy efficiency which will result in energy savings.
- The heating and plumbing piping, drains, vents, and fittings are corroded to such an extent that most can no longer be feasibly repaired, but must be replaced.
- Windows need to be replaced which will provide for energy savings.
- To meet the Americans for Disabilities Act (ADA), an elevator and stair lift need to be installed.
- The tables in the cafeteria are heavily used by the district for events and are at end-of-life and therefore need to be replaced.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Safety and security issues during construction
- Maintaining an instructional environment during construction
- Upgrades and renovations are expensive and sometimes uncover unknowns
- Scope of work requires passage of a bond levy

PROJECT COST ESTIMATES:

TOTAL\$3,352,560

- *Mechanical System Upgrade includes:

 - Boiler replacement
 - Air handling equipment upgrades
 - Heating, ventilation, and air controls upgrades
 - Related equipment upgrades

C.M. Russell High School Concepts

8. Upgrade CMR Infrastructure

PROJECT PURPOSE(S):

- Address the infrastructure, safety and technology needs of a 51-year old building

PROJECT OVERVIEW:

- Fire Alarm System Replacement
- *Mechanical System Upgrade
- Plumbing Upgrade
- Foundation Repair & Stabilization
- Elevator Repair
- Perimeter Sidewalk Repair
- Partial Locker & Bleacher Replacement
- Window Panel Replacement

PROJECT RATIONALE: In 2015 CMR celebrated its 50th birthday and it is time to upgrade.

- It makes sense to upgrade mechanical (HVAC), plumbing and water main to ensure:
 - ◇ A comfortable learning environment
 - ◇ Efficient and cost effective ways of heating the buildings
 - ◇ Water and toilets are available to building inhabitants
- It makes sense to upgrade the fire alarm system to bring the building up to current safety expectations
- It makes sense to fix foundation and cement/sidewalk issues to repair current problems and prevent further issues associated with settlement.
- It makes sense to repair/replace the elevator to comply with ADA specifications. Future repairs will only become more costly
- The wear and tear on lockers is significant as students access them six to seven times per day.
- The upper sections of the bleachers are damaged and need replacing.
- The windows are original to the building and the plastic panels are cracking and need replaced.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Safety and security issues during construction
- Maintaining an instructional environment during construction
- Upgrades and renovations are expensive and sometimes uncover unknowns
- Scope of work requires passage of a bond levy

PROJECT COST ESTIMATES:

TOTAL

\$4,364,844

***Mechanical System Upgrade** includes:

- Boiler replacement
- Air handling equipment upgrades
- Heating, ventilation, and air controls upgrades
- Related equipment upgrades

9. Construct CMR Multipurpose Space, Upgrade the Athletic Facilities and Add STEM Classrooms

PROJECT PURPOSE(S):

- Provide additional space for student activities and community access that are part of GFPS comprehensive educational programming
- Provide adequate classroom space for Science, Technology, Engineering & Math (STEM) education.

PROJECT OVERVIEW: See map in Appendix E.

- Construction of a two-story multipurpose space to include an athletic practice facility located adjacent to the current fieldhouse & connected to current gym for shared access to locker rooms, etc.
- Refurbish track and Pride Field
- Construct a 6,000 square foot addition to provide a minimum of two new classrooms for STEM education and to provide a secure connection between the main campus and the current Career and Technical Education (CTE) building.

PROJECT RATIONALE: In 2015, CMR celebrated its 50th birthday and it is time to upgrade.

- It makes sense to build a multi-purpose learning space because:
 - ◇ Gym practice space is minimal and in dire need (some teams practice at West and PGEC)
 - ◇ Three physical education classes are conducted at the same time in the same space
 - ◇ Visitor gathering area and concessions area inadequate
 - ◇ Inadequate wrestling practice area
 - ◇ Inadequate/antiquated weight and workout facilities for AA competition
 - ◇ This need was identified in 1991 with no progress on a solution
- It makes sense to refurbish the track and Pride Field
 - ◇ Due to the proximity of the track & field to the anticipated multipurpose space construction, it is anticipated there will be some disruption to the surfaces so repair will need to be done anyway.
 - ◇ Pride Field is the site of all sub-varsity CMR football games and is the varsity practice field so it gets a lot of play and use.
 - ◇ Health enhancement classes also use it when the weather is nice but they are not able to use Pride Field in the spring due to the fragile nature of the grass.
 - ◇ The track has not seen a major renovation since being built in approximately 1968. Putting an all-weather surface on it will create a versatile environment for years to come.
 - ◇ Creating a level grade between the track and football field increases safety.
- It makes sense to add construct 6,000 new square feet of STEM classroom space
 - ◇ It allows for CMR students to have access to current best practices in STEM education in order to prepare them to be competitive in the workplace and college.
 - ◇ It allows for the security and safety of students and staff as they utilize an enclosed corridor between the main campus and the CTE building.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Safety and security issues during construction
- Maintaining an instructional environment during construction
- Comparability with other AA school environments

PROJECT COST ESTIMATES:

- | | |
|--|-------------|
| • Multi-purpose space and track/field upgrades | \$5,452,200 |
| • STEM Classrooms | \$1,500,000 |

TOTAL

\$6,952,200

Great Falls High School Revitalization Concepts

10. Upgrade GFHS Main Campus Infrastructure, Classrooms, Parking and Technology

PROJECT PURPOSE(S): See improve the educational environment and safety:

- Address infrastructure needs for mechanical, electrical, & plumbing operations
- Increase natural lighting through a window replacement project
- Create a 21st century learning environment.
- Address parking and access concerns.

PROJECT OVERVIEW:

- A new heating and ventilation system will be installed and commissioned.
- Replacement of electrical receptacles, circuits and breakers throughout the building.
- Replacement of pipes, sinks, toilets and water fountains throughout the building.
- Provide support and matching funds for community effort for new windows.
- Remodel classrooms in conjunction with the mechanical, electrical, plumbing and technology upgrades.
- Develop new parking areas.
- Upgrade the technological infrastructure for current and future bandwidth demands
 - ◇ Requires Fiber mainline in building and fiber peripheral to each class room
 - ◇ Central hub and switches with terminal locations to accommodate fiber in each classroom
 - ◇ Projection devices and flexible technology in classrooms for more versatility in teaching
- Install accessible and versatile wireless throughout the common spaces for student, faculty and visitor use for teaching and learning

PROJECT RATIONALE: As the public indicated that they preferred to upgrade GFHS instead of building a new high school, the scope of the work is large but necessary.

- It makes sense to upgrade mechanical (HVAC), electricity and plumbing to ensure:
 - ◇ A comfortable learning environment
 - ◇ Efficient and cost effective ways of heating the buildings
 - ◇ Adequate electrical infrastructure for modern technology and electrical needs
 - ◇ Water and toilets are available to building inhabitants
- It makes sense to replace the windows because:
 - ◇ Natural light creates a better learning environment
 - ◇ They improve the outside aesthetics of the building
 - ◇ There is community support of this project
- It makes sense to remodel classrooms as the mechanical (HVAC), electrical, plumbing and technology upgrades happen:
 - ◇ Access to these items will necessitate some destruction of current walls, cabinets, etc.
 - ◇ This will modernize classrooms and make them viable for years to come
- It makes sense to establish additional parking because:
 - ◇ The availability of parking is inadequate
 - ◇ Special event parking is especially problematic
 - ◇ Will increase the safety of students, staff, neighbors and visitors
- It makes sense to upgrade the GFHS technological footprint because:
 - ◇ Original building construction has posed major hurdles and restrictions to current upgrades
 - ◇ To do so during major reconstruction of classroom and common space makes sense

- ◇ A (fiber) backbone to support technology into the foreseeable future of the high school will pay off in the long run
- ◇ Flexible access to technology will drive versatility of instruction
- ◇ Students are engaged when teachers plan effective use of integrated technology and when technology is available “on demand” for students and instructors

PROJECT IMPACTS AND/OR CONSEQUENCES:

- As GFHS is on the Historical Register, historical preservation will need to be evaluated and considered for all projects
- Work will need to be phased to ensure the least amount of disruption during the school year
- As work is done in the Main Campus, classrooms will be relocated to the new classroom spaces created in the CTE/Hub construction which will be completed first.
- To do all projects, will need other sources of funding. For example, window replacement via private donations is assumed. This plan assumes there will be private donations for some projects.
- Parking upgrades may need to utilize current green spaces
- Parking upgrades may require a need to secure additional land
- Scope of work requires passage of a bond levy

PROJECT COST ESTIMATES:

TOTAL

\$20,758,574

11. Upgrade GFHS Career & Technical Education (CTE) Facilities, Lunch/Dining Areas, and Building Entrances; Add STEM and CTE Classrooms

PROJECT PURPOSE(S): Upgrade and expand Career and Technical Education (CTE) learning spaces

- New construction of a “hub” area:
 - ◇ To allow for expanded classrooms for CTE and Science, Technology, Engineering and Math (STEM)
 - ◇ For modern lunch/dining facilities and student gathering areas
 - ◇ For obvious and accessible access to the Main Campus, Fieldhouse and South Campus
 - ◇ For indoor and efficient traffic flow within and between the two campuses

PROJECT OVERVIEW:

Construction of a new Career and Technical Education (CTE)/Hub facility to be located between the current Main Campus, CTE building and South Campus. See conceptual drawing in Appendix F.

PROJECT RATIONALE:

- It makes sense to remodel and expand the CTE facility in conjunction with construction of a hub because:
 - ◇ Current building space is inadequate for current program needs, i.e welding and metals manufacturing, construction technology program, etc.
 - ◇ The current facility does not allow for flexibility of programmatic changes as workforce training demands change
 - ◇ There is inadequate project and material storage space
 - ◇ There is inadequate classroom space
 - ◇ The CTE program can be effectively integrated with the STEM programs when in proximal space.

- It makes sense to build a hub between the two buildings because:
 - ◊ STEM classroom space and school operations can be located in the hub, freeing up areas in the existing building for enlargement of classrooms and enhancement of current learning space on the Main Campus.
 - ◊ It provides for new dining and gathering spaces with the hopes of keeping students on campus during lunch. This generation of students enjoy casual gathering places that are woefully lacking on both campuses. Having this kind of space will create a more positive school climate.
 - ◊ It provides for an obvious, attractive and accessible entrance to both campuses. Currently, guests to the Fieldhouse and to the school often cannot determine where to enter. Handicap accessibility is very awkward and limited. It would also allow for a single and efficient point of entrance for emergency responders which is currently lacking.
 - ◊ It addresses student and public foot traffic flow. By creating indoor traffic flow within and between the two campuses, safety concerns are addressed. Currently, the passage between the two buildings from November through March can be treacherous at times due to the slope, northside shading and the propensity for ice accumulation. These safety concerns would be eliminated. It would also allow for less congested hallways & more consistent adult supervision.
 - ◊ It enhances safety and security during a situations that require lockdown procedures. Currently, there is a vulnerability during these times as students pass in the open air between the buildings. As all travel would be indoors, students can be better protected.
 - ◊ The hub would be constructed before the Main Campus revitalization project begins. Once completed, students and staff would be temporarily located in the new hub classrooms on a rotating basis as the revitalization takes place. This eliminates the need for off-site locations and related expenses.

PROJECT IMPACTS AND/OR CONSEQUENCES:

- Historical preservation will need to be evaluated and considered for all projects
- Work will need to be phased to ensure the least amount of disruption during the school year
- As work is done in the Main Campus, classrooms will be relocated to the new classroom spaces created in the CTE/Hub construction which will be completed first.
- Scope of work requires passage of a bond levy

PROJECT COST ESTIMATES:

TOTAL

\$16,568,574

SUMMARY OF PROJECTS:

K-8 FACILITY ISSUES ADDRESSED

1. Upgrade Infrastructure in All K-8 Buildings	\$12,723,051
2. Build a New School to Replace Roosevelt Elementary	\$17,450,771
3. Build a New School to Replace Longfellow Elementary	\$15,233,211
4. Replace Phone System	\$ 500,000
SUBTOTAL K-8	\$45,907,033

9-12 FACILITY ISSUES ADDRESSED

1. Replace Phone System	\$ 250,000
2. Upgrade Memorial Stadium	\$ 705,000
3. Upgrade Paris Gibson Education Center Infrastructure	\$ 3,352,560
4. Upgrade CMR Infrastructure	\$ 4,364,844
5. Construct CMR Multipurpose Space, Upgrade the Track/Field and Add STEM Classrooms	\$ 6,952,200
6. Upgrade GFHS Main Campus Infrastructure, Classrooms, Parking and Technology	\$20,758,574
7. Upgrade GFHS Career & Technical Education (CTE) Facilities, Lunch/Dining Areas, and Building Entrances; Add STEM and CTE Classrooms	\$16,568,574
SUBTOTAL 9-12	\$52,951,752

TOTAL	\$98,858,785
--------------	---------------------

ESTIMATE OF PROPERTY TAX IMPACTS

On September 14, 2015, the GFPS Board of Trustees approved a Bond Underwriting Engagement Agreement with D.A. Davidson which allows D. A. Davidson to offer guidance in the area of bonds to GFPS. They have prepared the following preliminary estimate that indicates a cost of \$68.74 on a \$100,000 taxable valued home. See footnotes for estimate information:



Feb-16

Great Falls Public Schools Estimated MILL LEVY IMPACT ANALYSIS General Obligation Tax-Exempt Bonds - 20 Year Term

Mill Levy Computation:	ESD	HSD
Principal Amount:	\$45,907,033	\$52,951,752
Estimated Annual Payment (1):	\$3,453,119	\$3,983,022
LESS: Estimated Annual State Aid for Debt Service (2):	\$585,771	\$333,842
EQUALS: Estimated Net Annual Debt Service:	\$2,867,348	\$3,649,180
DIVIDED BY: FY 2015/16 Mill Value:	<u>\$126,467.3</u>	<u>\$129,195.5</u>
EQUALS: Estimated Number of Mills Required:	22.67	28.25

Estimated Tax Increase for Individual Residential Taxpayer:

2015/16 Tax Year "ASSESSED VALUE" of Residential Property(3)	2015/16 Tax Year "TAXABLE VALUE" of Residential Property(3)	Estimated ANNUAL Tax (4)	Estimated ANNUAL Tax (4)
\$25,000	\$338	\$7.65	\$9.53
\$50,000	\$675	\$15.30	\$19.07
\$75,000	\$1,013	\$22.96	\$28.60
\$100,000	\$1,350	\$30.61	\$38.13
\$150,000	\$2,025	\$45.91	\$57.20
\$200,000	\$2,700	\$61.22	\$76.26
\$250,000	\$3,375	\$76.52	\$95.33
\$300,000	\$4,050	\$91.82	\$114.39

All property owners (including farming and ranching operations, commercial businesses, home owners etc...) should use the following formula to calculate the estimated tax impact of the Bond issue.

**Taxable Value (From personal tax statement or column 3 above) X ("Mills/1000") =
Estimated Annual Tax Impact.**

footnotes:

(1) Based on estimated true interest cost rates with conservative sample rates of 4.25%.

(2) The estimated effects of State aid for debt service have been calculated using the current estimated eligibility for Great Falls Elem and HS Districts. The Office of Public Instruction's estimates are based 2015/16 variables (which change annually) and depend on appropriation by the Legislature for the biennium. As additional qualifying districts sell bonds, the amount of State aid for individual districts will decrease each year without an offsetting increase in the total amount appropriated by the State. THE AMOUNT, IF ANY, OF FUTURE BIENNIAL APPROPRIATIONS IS UNKNOWN.

(3) Based upon Class 4 residential property. To better calculate the estimated tax impact of the bond issue, property owners should look up their exact taxable value as shown on their personal tax statement and use the formula shown above in grey.

(4) Tax Impacts are based on property tax legislation adopted at the 2015 Legislative Session, which implemented the 2014 Department of Revenue reappraisal effective for the 2015/16 and 2016/17 tax years. Tax impact information varies every year depending on such factors as District Mill Value, State reimbursement (if any), method of calculating taxable valuation and actual debt service.

Appendix A: Glossary of Terms and Acronyms

AA The GFPS district classification based on the Montana High School's distinctions based on enrollment. GFPS is one of seven AA districts in Montana. The others are: Billings, Bozeman, Butte, Helena, Kalispell, and Missoula.

ADA The Americans with Disabilities Act, passed in 1990, is a wide-ranging civil rights law that is intended to protect against discrimination based on disability. It affords similar protections against discrimination to Americans with disabilities as the Civil Rights Act of 1964, which made discrimination based on race, religion, sex, national origin, and other characteristics illegal. The ADA also requires covered employers to provide reasonable accommodations to employees with disabilities, and imposes accessibility requirements on public accommodations.

B & G Buildings and Grounds; the GFPS department in charge of providing safe, clean and comfortable environments for our students, staff and community members.

Bond Election A bond is a debt obligation school districts may ask voters to approve. If approved through a ballot election, it allows the district to gain money from investors that can be used for capital spending projects such as new schools. The bond amount gained from investors is provided to the district in one payment but is paid back by taxpayers over time. Once the debt is paid off, the taxpayers no longer are taxed. In Montana, there are very specific laws that govern bond elections for school districts. They start here: <http://leg.mt.gov/bills/mca/20/9/20-9-402.htm>. Click on "Next Section" at the top. MCA 20-9-402 through MCA 20-9-446 governs bonding.

CCM Construction, Consulting, Management

CMR Charles M. Russell High School, 228 17th Ave. NW, Great Falls, MT

CTE Career and Technical Education includes rigorous and relevant coursework preparing students for a wide range of high-wage, high-skill, and high-demand careers. CTE combines core academic skills with employability skills and technical, job-specific skills in the following areas: Business, Computer Science, Health Science, Family Consumer Science, and Industrial Technology.

DOB District Offices Building-The administrative offices for GFPS located at 1100 4th St. S.

E-Rate The commonly used name for the Schools and Libraries Program of the Universal Service Fund. The program provides discounts to assist schools and libraries in the United States to obtain affordable telecommunications and Internet access. It is one of four support programs funded through a Universal Service fee charged to companies that provide interstate and/or international telecommunications services.

FTE Full Time Equivalent. Example: three people who work half time would combined have an FTE of 1.5

Functional Capacity Capacity is the number of students that can be reasonably accommodated by a school building and site taking into consideration physical, operational, and programmatic variables. The functional capacity is a ratio that considers curriculum and program offerings.

GFHS Great Falls High School, 1900 2nd Ave. S., Great Falls, MT

GFPS Great Falls Public Schools

HUB Term used to describe the proposed connector building to be built between Main Campus and South Campus at Great Falls High School.

HVAC Heating, ventilating, and air conditioning; synonymous with “mechanical systems”; is the technology of indoor environmental comfort. Its goal is to provide thermal comfort and acceptable indoor air quality. HVAC system design is a sub discipline of mechanical engineering, based on the principles of thermodynamics, fluid mechanics, and heat transfer.

IDF's The Intermediate Distribution Frame (IDF) is a central location where computer wiring from classrooms is combined and connected to network equipment. The network equipment in the IDF is then connected by either fiber optic cable or traditional computer wire to a main distribution point in the building. For example, an IDF might be located on each floor of a multi-floor building routing the cabling down the walls to a Main Distribution Frame (MDF) on the first floor. The MDF would contain cabling that would interconnect to a centrally located data center that could be several blocks or miles away.

IT Information Technology is the use of any computers, storage, networking and other physical devices, infrastructure and processes to create, process, store, secure and exchange all forms of electronic data.

Montana Accreditation Standards Standards for School Accreditation as per 20-7-101 MCA: (1) Standards of accreditation for all schools shall be adopted by the board of public education upon the recommendations of the Superintendent of Public Instruction. <http://www.opi.mt.gov/Programs/SchoolPrograms/Accreditation/index.html>

Refresh Schedule The schedule at which technology is replaced in the district. Currently, the district purchases two year old computers, use them for five years, and then the computers are replaced.

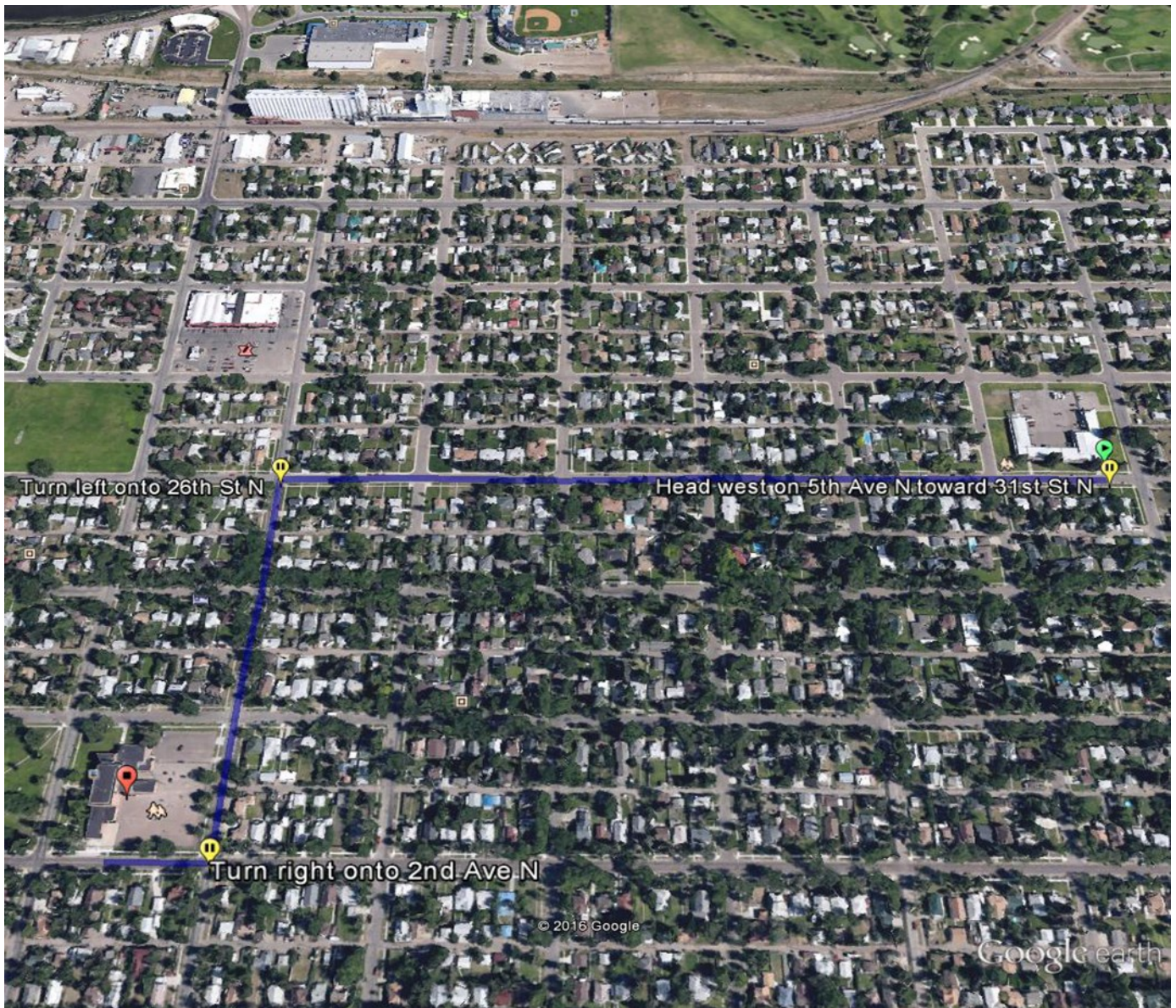
PGEC Paris Gibson Education Center, 2400 Central Ave., Great Falls, MT

STEM This acronym, an educational term used worldwide, refers to the academic disciplines of science, technology, engineering, and mathematics. The term is typically used when addressing education policy and curriculum choices in schools to improve competitiveness in science and technology development. It has implications for workforce development.

TBD To be determined

VOIP Voice Over Internet Protocol is basically a telephone connection over the Internet. The data is sent digitally, using the Internet instead of analog telephone lines. This allows people to talk to one another long-distance and around the world without having to pay long distance or international phone charges. This technology uses the same wiring and network equipment as computers which consolidate voice and data across the same network.

Appendix B: Roosevelt/Lowell Map



Appendix C: Russell Elementary Map



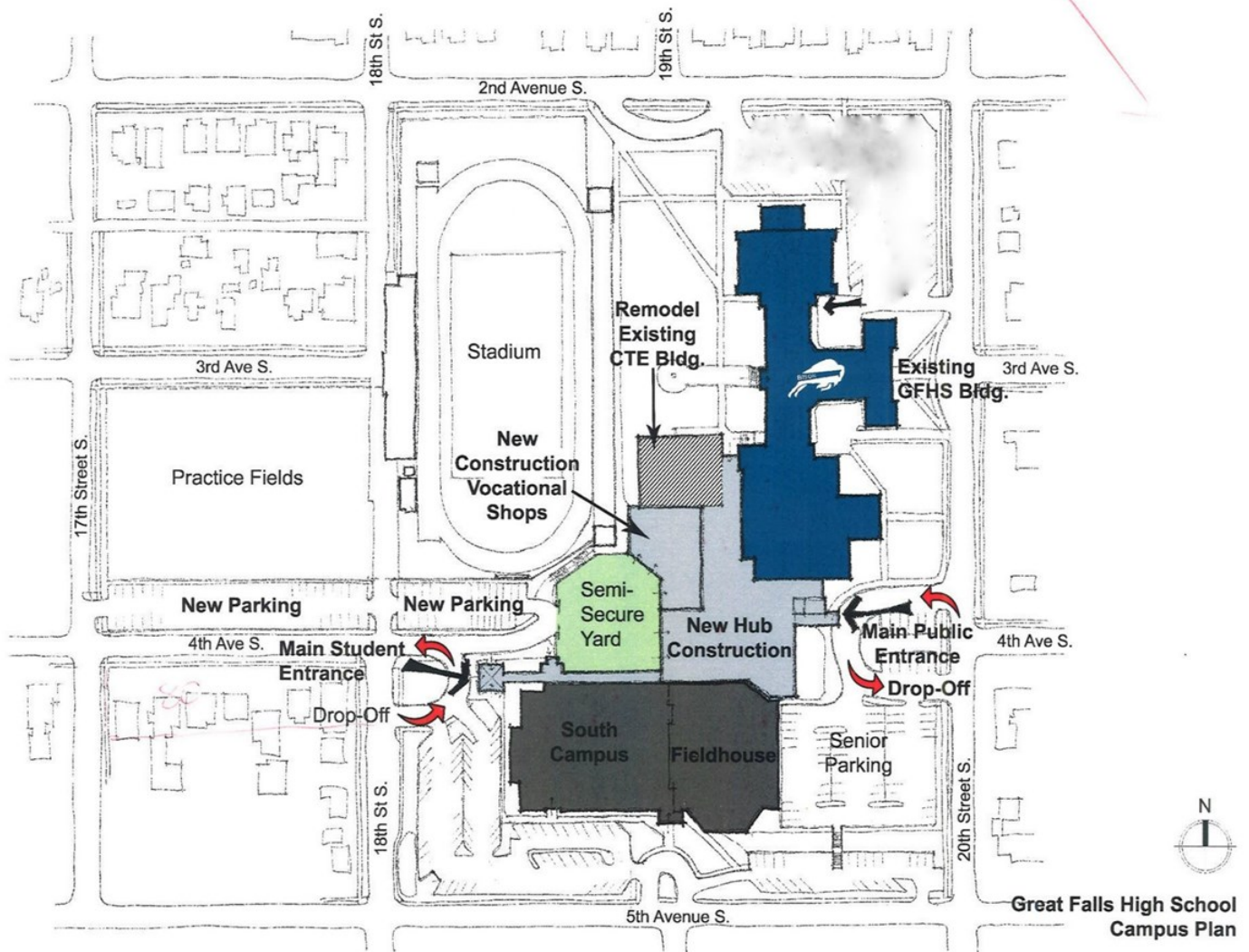
Appendix D: Longfellow Map



Appendix E: CMR Map



Appendix F: GFHS Conceptual Drawing



Appendix G: Photos

Photos are only a sampling and do not represent all concerns

OBSOLETE & INEFFICIENT BOILERS



PLUMBING ISSUES

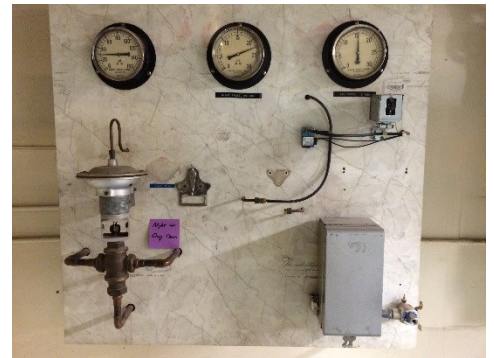
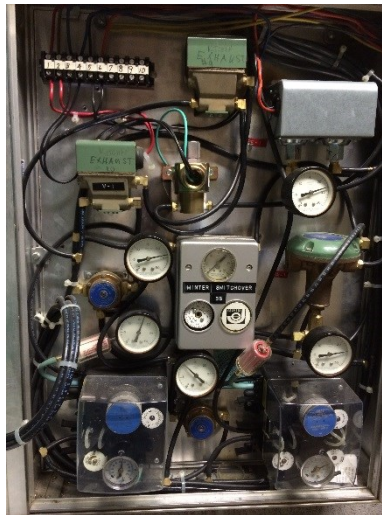




LEAKING ROOFS



OBSOLETE SYSTEMS



INEFFICIENT AND DETERIORATED WINDOWS



FACILITY PLAN SUMMARY INFORMATION



K-8 FACILITY ISSUES ADDRESSED

Upgrade Infrastructure in All K-8 Buildings

\$12,723,051

Build a New School to Replace Roosevelt Elementary

\$17,450,771

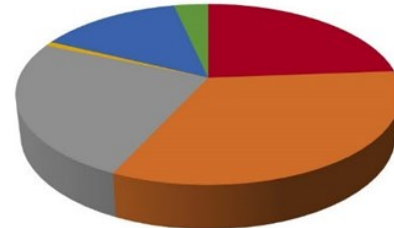
Build a New School to Replace Longfellow Elementary

\$15,233,211

Replace Phone System \$ **500,000**

SUBTOTAL K-8 \$45,907,033

Investments by Category



■ New Educational Spaces ■ Replacement Educational Spaces
■ Remodeled Educational Spaces ■ Phone System Upgrades
■ Mechanical, Electrical, Plumbing Upgrades ■ Structural and Foundation Stabilization

9-12 FACILITY ISSUES ADDRESSED

Replace Phone System \$ **250,000**

Upgrade Memorial Stadium \$ **705,000**

Upgrade Paris Gibson Education Center Infrastructure

\$ 3,352,560

Upgrade CMR Infrastructure \$ **4,364,844**

Construct CMR Multipurpose and STEM classrooms;
Upgrade Athletic Facilities

\$ 6,952,200

BOND ELECTION:

October 11, 2016

WHAT WILL IT COST TAXPAYERS?

Taxes on a \$100,000 “market
valued” home estimated at
\$68.74/year or

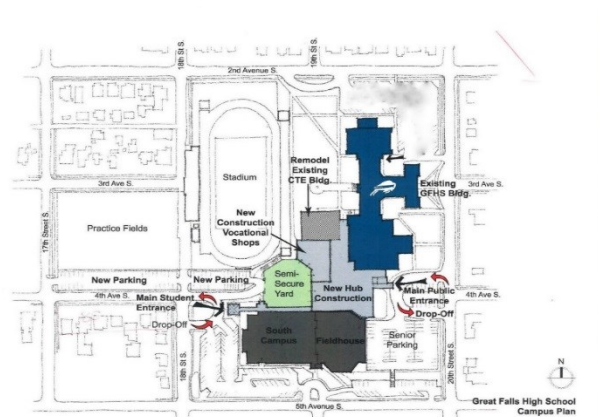
\$5.73/month for 20 years

To calculate the estimated cost for
your property, go here:

www.gfps.k12.mt.us



C.M Russell High School expansion concepts



Great Falls High School CTE and Hub expansion concepts

FACILITY PLAN SUMMARY INFORMATION

INFRASTRUCTURE INVESTMENTS:

K-8 INFRASTRUCTURE

TOTAL = \$12,723,051

Chief Joseph

Lockdown Warning Lights
*Mechanical System Upgrade
Gym Foundation Repair & Remodel
Foundation Repair & Stabilization



Leaking roof damage

Lewis & Clark

*Mechanical System Upgrade
Domestic Water Piping Upgrade



Old & leaking

Lincoln

*Mechanical System Upgrade
ADA Compliant Lift Install

Loy

*Mechanical System Upgrade
Manual Excavation of Tunnels
Parking/Bus/Traffic Safety Improvements



Foundation

Electrical Upgrades

Meadowlark

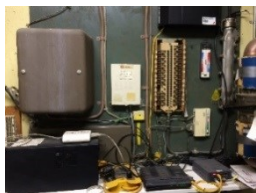
*Mechanical System Upgrade
Parking/Traffic Safety Improvements



Structural issues

Morningside

Electrical Upgrade
Temperature Control Upgrade
Water Main Line Replacement
Foundation Repair & Stabilization



Obsolete phone systems

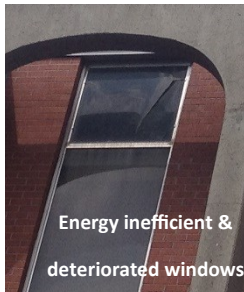
Plumbing issues



Leaking roofs



Obsolete mechanical systems



Energy inefficient & deteriorated windows

East

*Mechanical System Upgrade
Fire Alarm System Replacement
Roof Repair
Partial Window Replacement

North

Fire Alarm System Replacement
Fire Suppression System Upgrade
Exterior Door Replacement
*Mechanical System Upgrade
Partial Roof Replacement
Foundation Repair & Stabilization
Remodeling Due to Foundation Repair

9-12 INFRASTRUCTURE

TOTAL = \$28,475,978

CMR

Fire Alarm System Replacement
*Mechanical System Upgrade
Plumbing Upgrade
Foundation Repair & Stabilization
Elevator Repair
Perimeter Sidewalk Repair
Partial Locker & Bleacher Replacement
Window Panel Replacement

***Mechanical System Upgrade includes:**

Boiler replacement
Air handling equipment upgrades



Roosevelt is 88 years old.



Longfellow has extensive foundation issues

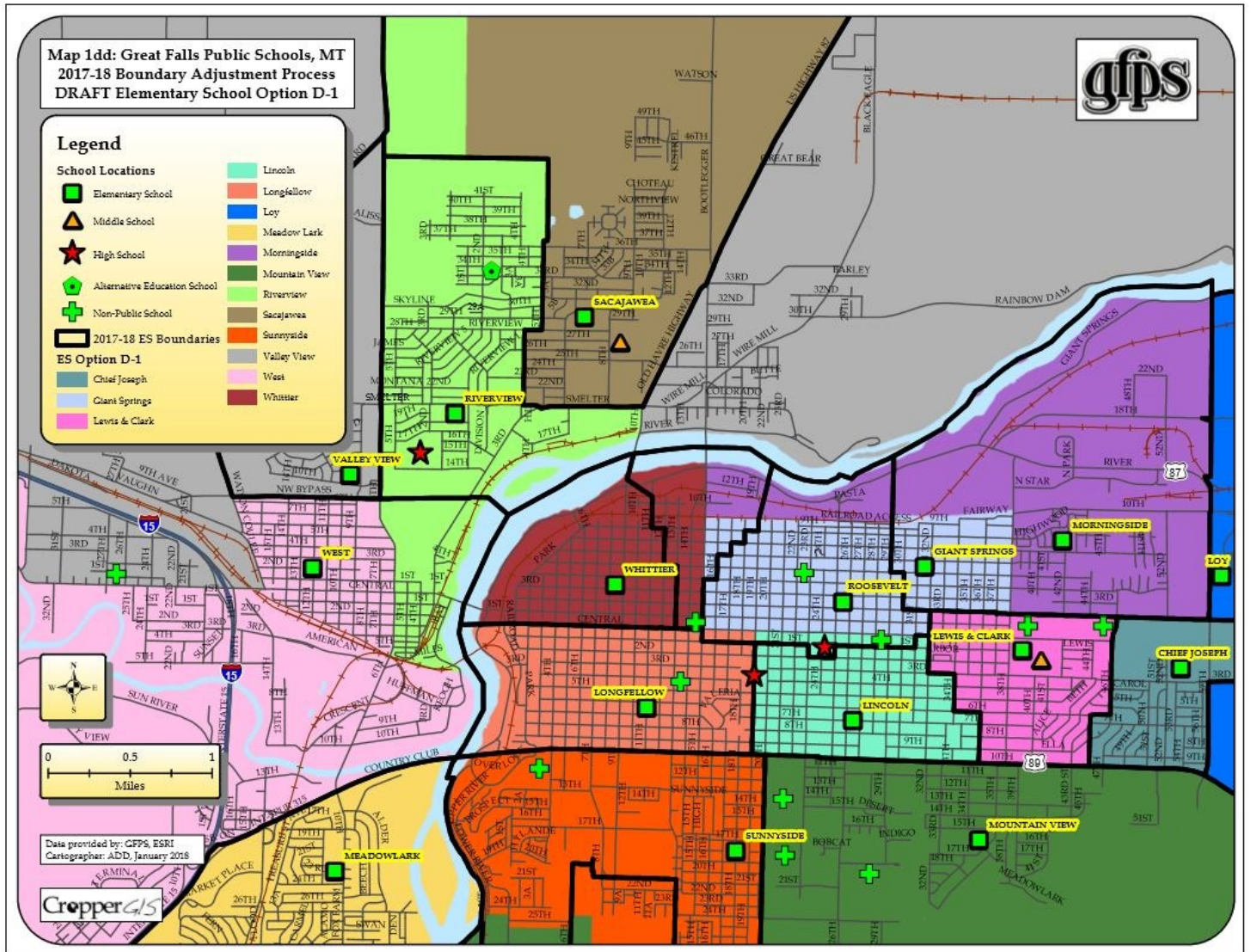
It is cost prohibitive to repair instead of replace these two buildings:

Roosevelt's infrastructure is suffering from age making it not viable as an educational building for the future. Safety issues include serious traffic concerns and lack of accessibility.

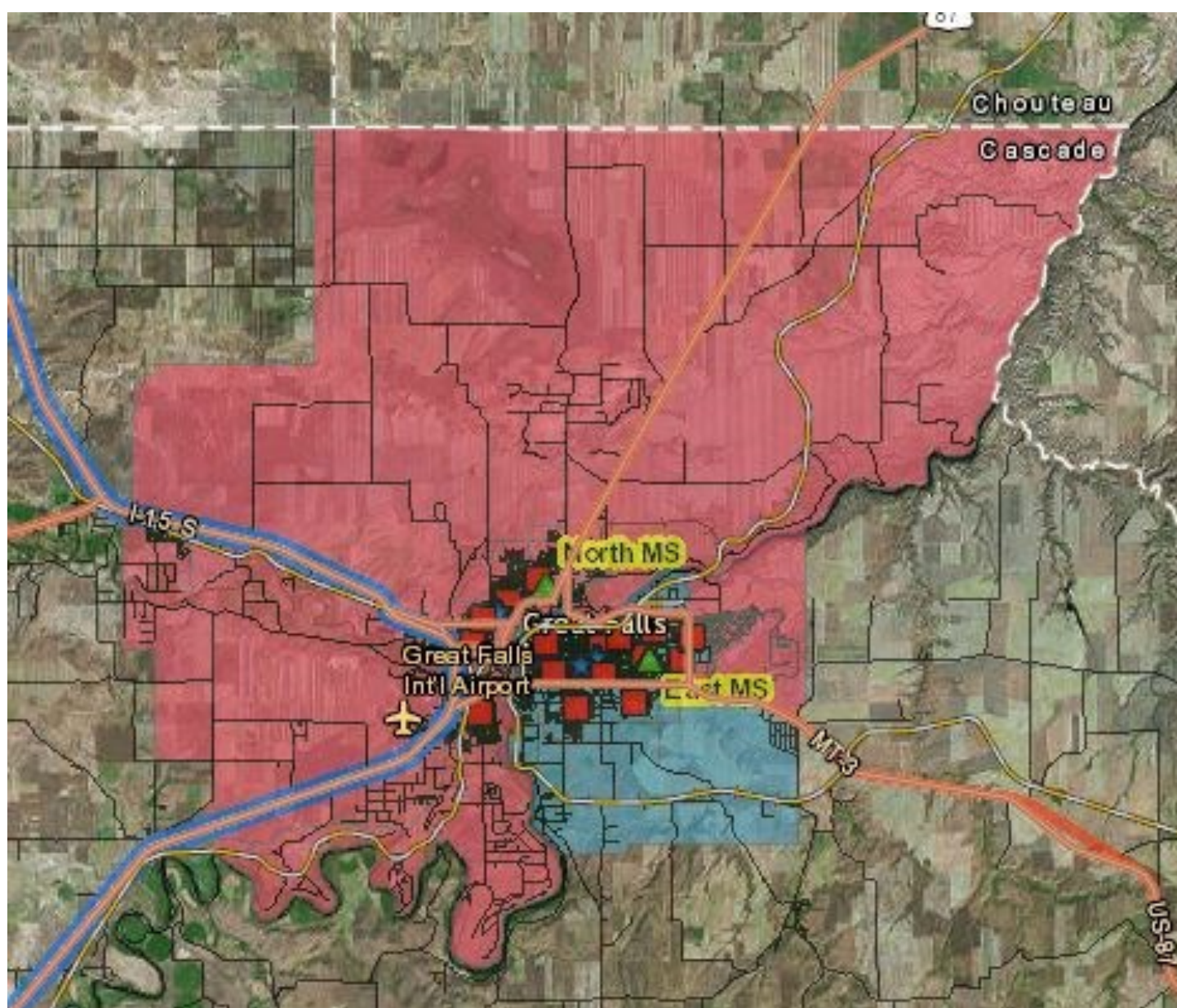
Appendix C

Enrollment Study Information

ELEMENTARY SCHOOL BOUNDARIES



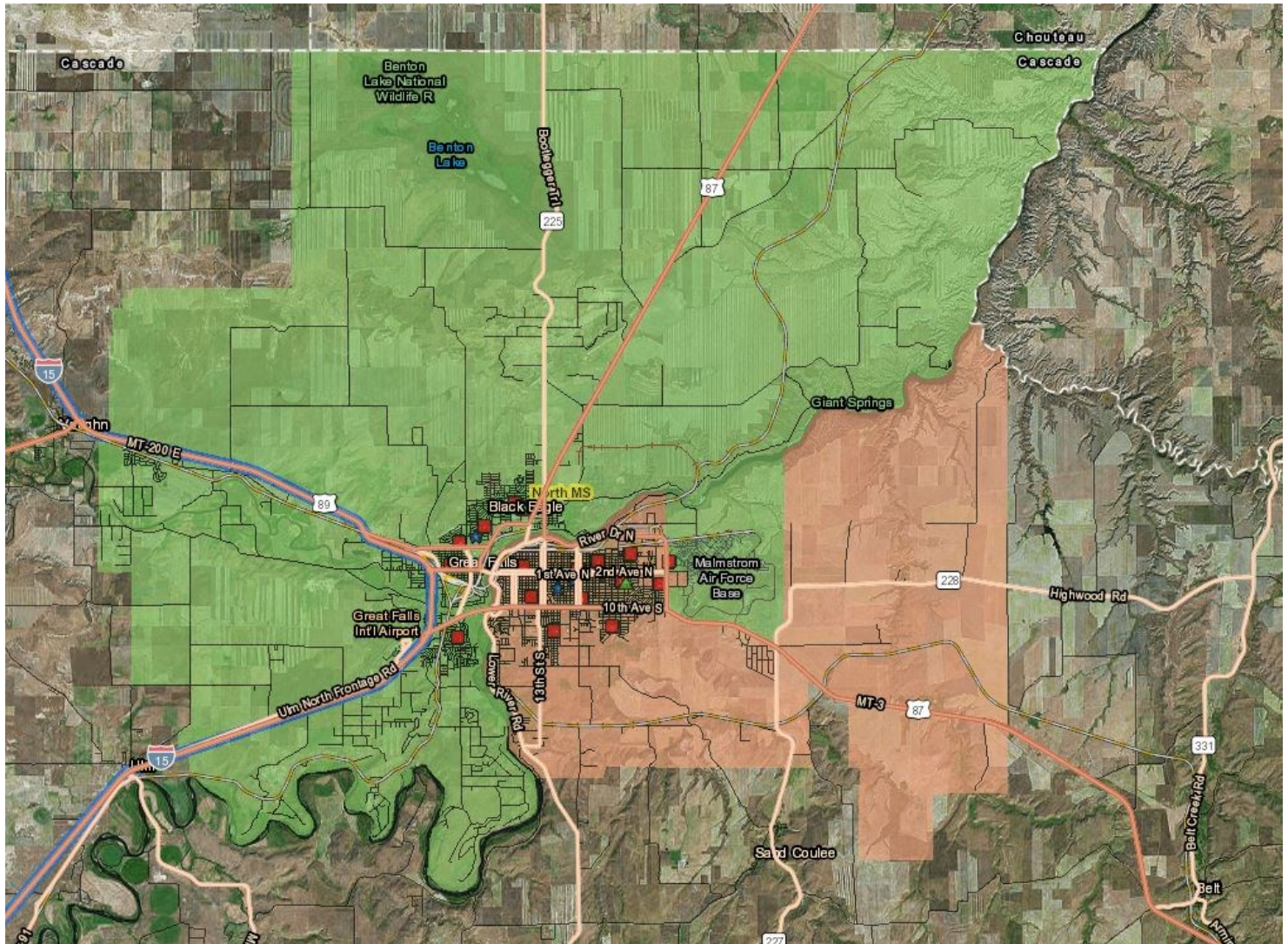
MIDDLE SCHOOL BOUNDARIES



HIGH SCHOOL BOUNDARIES

Green = CMR Boundaries

Brown = GFH Boundaries



Elementary Enrollment/Live-In Statistics

The following table shows how many 2017-18 K-6th students are enrolled at each Elementary School, how many students were not able to be matched in the GIS (*Unmatched*), and how many currently live outside of the zone of the school in which they attend (*Live Out and Attend In*). The color legend below explains the meaning of the blue, green, and orange cells within the table.

Below the Low Capacity
Within the Low and High Capacity
Above the High Capacity

School	Grade Config	Low Capacity	High Capacity	Total K-6th Enrolled	Unmatched	Live Out and Attend In
Chief Joseph	K-6th	388	450	320	2	206
Giant Springs	K-6th	370	429	310		100
Lewis And Clark	K-6th	458	500	424	3	192
Lincoln	K-6th	353	409	414	6	158
Longfellow	K-6th	370	500	292	2	58
Loy	K-6th	458	500	403	2	53
Meadow Lark	K-6th	458	500	507	5	4
Morningside	K-6th	353	409	297	1	75
Mountain View	K-6th	335	388	302	2	72
Riverview	K-6th	370	429	463		15
Sacajawea	K-6th	370	429	456	3	87
Sunnyside	K-6th	388	450	433	2	109
Valley View	K-6th	370	429	368	7	170
West	K-6th	450	500	469	1	54
Whittier	K-6th	300	348	238		103
Total		5791	6670	5696	36	1456

Student data reflects the 2017-18 database.

Elementary Enrollment/Live-In Statistics: Continued

The following table shows the estimated enrollment for each option. The estimated enrollment is calculated by adding the K-6th students that “Live Out and Attend In” a 2017-18 school, , plus the Unmatched students in the GIS, plus the total number of live in K-6th grade students within each new DRAFT option zone that “Live and Attend In” during the 2017-18 school year. The color legend below explains the meaning of the blue, green, and orange cells within the table.

Below the Low Capacity
Within the Low and High Capacity
Above the High Capacity

School	Grade Config	Low Capacity	High Capacity	Total K-6th Enrolled	Option D K-6th Estimated Enrollment	Option D-1 K-6th Estimated Enrollment
Chief Joseph	K-6th	388	450	320	320	320
Giant Springs	K-6th	370	429	310	364	357
Lewis And Clark	K-6th	458	500	424	451	424
Lincoln	K-6th	353	409	414	356	383
Longfellow	K-6th	370	500	292	329	298
Loy	K-6th	458	500	403	403	403
Meadow Lark	K-6th	458	500	507	507	507
Morningside	K-6th	353	409	297	244	251
Mountain View	K-6th	335	388	302	325	325
Riverview	K-6th	370	429	463	396	423
Sacajawea	K-6th	370	429	456	422	420
Sunnyside	K-6th	388	450	433	410	410
Valley View	K-6th	370	429	368	420	422
West	K-6th	450	500	469	487	491
Whittier	K-6th	300	348	238	262	262
Total		5791	6670	5696	5696	5696

Student data reflects the 2017-18 database.

Elementary Enrollment/Live-In Statistics: Continued

The table below shows the total number of K-6th grade students that live within each DRAFT option zone regardless of which school they attend.

School	Grade Config	Total 2017-18 K-6th Live-In	Option D K-6th Total Live-In	Option D-1 K-6th Total Live-In
Chief Joseph	K-6th	157	157	157
Giant Springs	K-6th	323	422	415
Lewis And Clark	K-6th	305	342	305
Lincoln	K-6th	333	239	276
Longfellow	K-6th	464	512	471
Loy	K-6th	412	412	412
Meadow Lark	K-6th	545	545	545
Morningside	K-6th	291	197	204
Mountain View	K-6th	387	413	413
Riverview	K-6th	530	447	480
Sacajawea	K-6th	390	356	354
Sunnyside	K-6th	412	386	386
Valley View	K-6th	228	313	315
West	K-6th	646	637	645
Whittier	K-6th	235	280	280
Total		5658	5658	5658

Student data reflects the 2017-18 database.



Elementary Free and Reduced Lunch Statistics

The following table shows how many 2017-18 K-6th students are enrolled at each Elementary School and receive Free or Reduced Lunch.

School	Grade Config	Total K-6th Enrolled FR %	Option D Estimated K-6th FR %	Option D-1 Estimated K-6th FR %
Chief Joseph	K-6th	62%	62%	62%
Giant Springs	K-6th	54%	52%	52%
Lewis And Clark	K-6th	58%	55%	58%
Lincoln	K-6th	45%	47%	45%
Longfellow	K-6th	67%	67%	67%
Loy	K-6th	37%	37%	37%
Meadow Lark	K-6th	13%	13%	13%
Morningside	K-6th	54%	56%	57%
Mountain View	K-6th	48%	48%	48%
Riverview	K-6th	41%	36%	38%
Sacajawea	K-6th	35%	33%	34%
Sunnyside	K-6th	62%	63%	63%
Valley View	K-6th	57%	58%	58%
West	K-6th	60%	59%	59%
Whittier	K-6th	78%	74%	74%
Total		49%	49%	49%

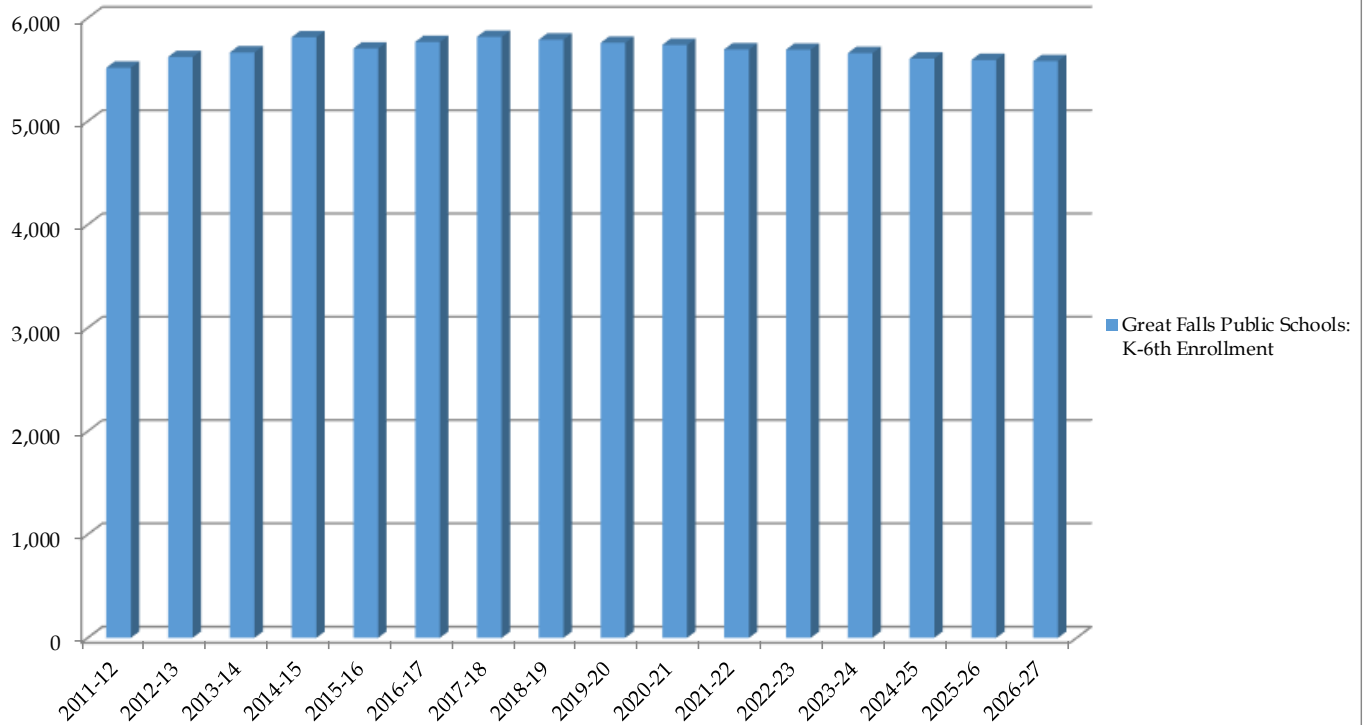
Student data reflects the 2017-18 database.

GREAT FALLS PUBLIC SCHOOLS: TOTAL DISTRICT ENROLLMENT

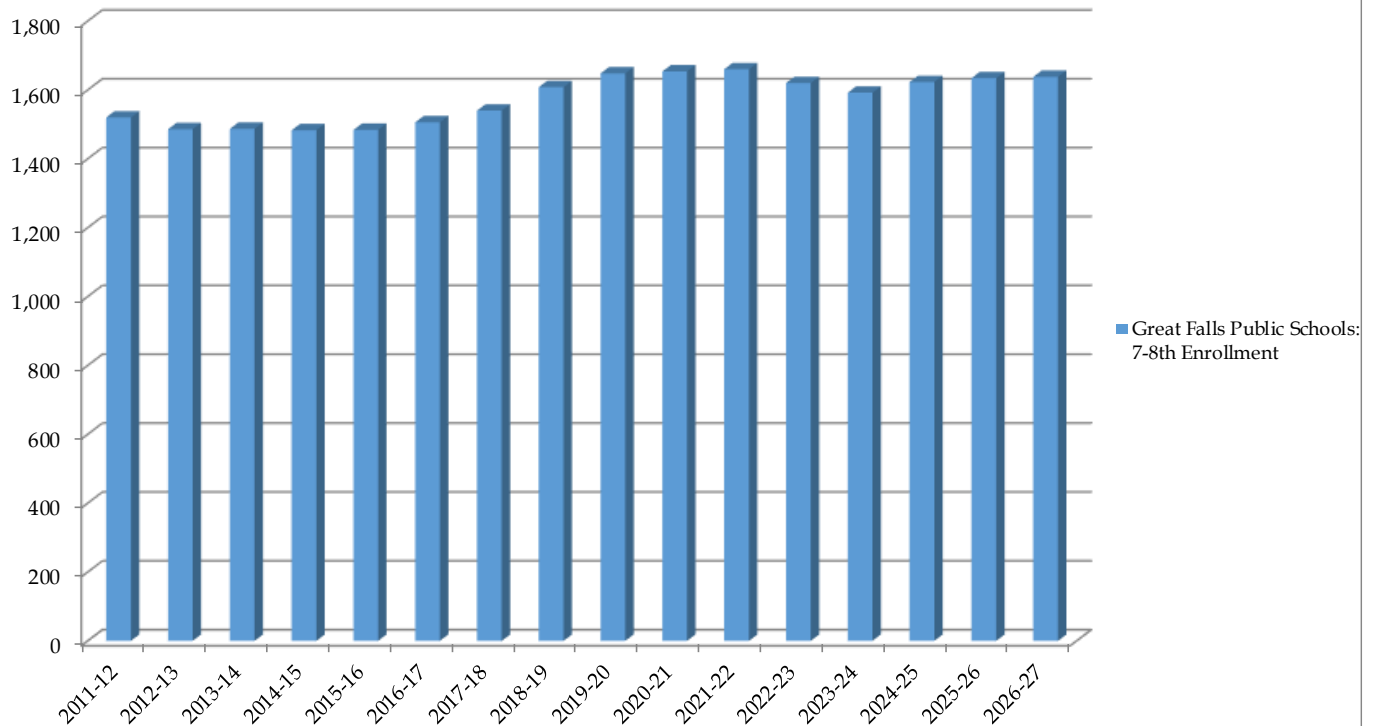
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	851	865	862	892	784	817	832	829	829	821	813	803	794	780	793	801
1	868	869	847	862	860	797	837	838	835	835	824	816	805	796	782	795
2	815	845	828	855	814	850	801	823	824	822	822	811	803	795	794	780
3	776	771	844	841	839	837	847	797	819	824	821	822	810	802	800	799
4	755	778	779	841	838	849	839	846	799	821	827	824	826	813	807	804
5	739	744	761	786	812	829	840	829	836	787	809	815	813	816	808	802
6	715	751	746	737	758	789	822	829	818	830	780	803	810	806	810	802
Total: K-6	5,519	5,623	5,667	5,814	5,705	5,768	5,818	5,791	5,760	5,740	5,696	5,694	5,661	5,608	5,594	5,583
7	775	729	777	735	747	754	791	823	831	825	837	785	809	816	816	820
8	745	757	710	748	737	752	749	785	817	829	823	835	783	807	818	818
Total: 7-8	1,520	1,486	1,487	1,483	1,484	1,506	1,540	1,608	1,648	1,654	1,660	1,620	1,592	1,623	1,634	1,638
9	868	874	876	827	857	883	890	881	924	966	980	972	986	927	958	971
10	764	721	741	785	706	701	762	769	758	795	832	844	835	848	798	824
11	690	726	708	694	750	664	657	714	720	708	743	778	789	780	793	746
12	728	639	716	709	670	725	659	640	701	705	692	725	760	770	761	774
Total: 9-12	3,050	2,960	3,041	3,015	2,983	2,973	2,968	3,004	3,103	3,174	3,247	3,319	3,370	3,325	3,310	3,315
Total: K-12	10,089	10,069	10,195	10,312	10,172	10,247	10,326	10,403	10,511	10,568	10,603	10,633	10,623	10,556	10,538	10,536
Total: K-12	10,089	10,069	10,195	10,312	10,172	10,247	10,326	10,403	10,511	10,568	10,603	10,633	10,623	10,556	10,538	10,536
Change		-20	126	117	-140	75	79	77	108	57	35	30	-10	-67	-18	-2
%-Change		-0.2%	1.3%	1.1%	-1.4%	0.7%	0.8%	0.7%	1.0%	0.5%	0.3%	0.3%	-0.1%	-0.6%	-0.2%	0.0%
Total: K-6	5,519	5,623	5,667	5,814	5,705	5,768	5,818	5,791	5,760	5,740	5,696	5,694	5,661	5,608	5,594	5,583
Change		104	44	147	-109	63	50	-27	-31	-20	-44	-2	-33	-53	-14	-11
%-Change		1.9%	0.8%	2.6%	-1.9%	1.1%	0.9%	-0.5%	-0.5%	-0.3%	-0.8%	0.0%	-0.6%	-0.9%	-0.2%	-0.2%
Total: 7-8	1,520	1,486	1,487	1,483	1,484	1,506	1,540	1,608	1,648	1,654	1,660	1,620	1,592	1,623	1,634	1,638
Change		-34	1	-4	1	22	34	68	40	6	6	-40	-28	31	11	4
%-Change		-2.2%	0.1%	-0.3%	0.1%	1.5%	2.3%	4.4%	2.5%	0.4%	0.4%	-2.4%	-1.7%	1.9%	0.7%	0.2%
Total: 9-12	3,050	2,960	3,041	3,015	2,983	2,973	2,968	3,004	3,103	3,174	3,247	3,319	3,370	3,325	3,310	3,315
Change		-90	81	-26	-32	-10	-5	36	99	71	73	72	51	-45	-15	5
%-Change		-3.0%	2.7%	-0.9%	-1.1%	-0.3%	-0.2%	1.2%	3.3%	2.3%	2.3%	2.2%	1.5%	-1.3%	-0.5%	0.2%
Forecasts Developed April 2017																
Green Cells (2016-17 and earlier) are historical data																
Blue Cells (2017-18 and later) are forecasted years																

GREAT FALLS PUBLIC SCHOOLS: TOTAL DISTRICT ENROLLMENT

Great Falls Public Schools: K-6th Enrollment

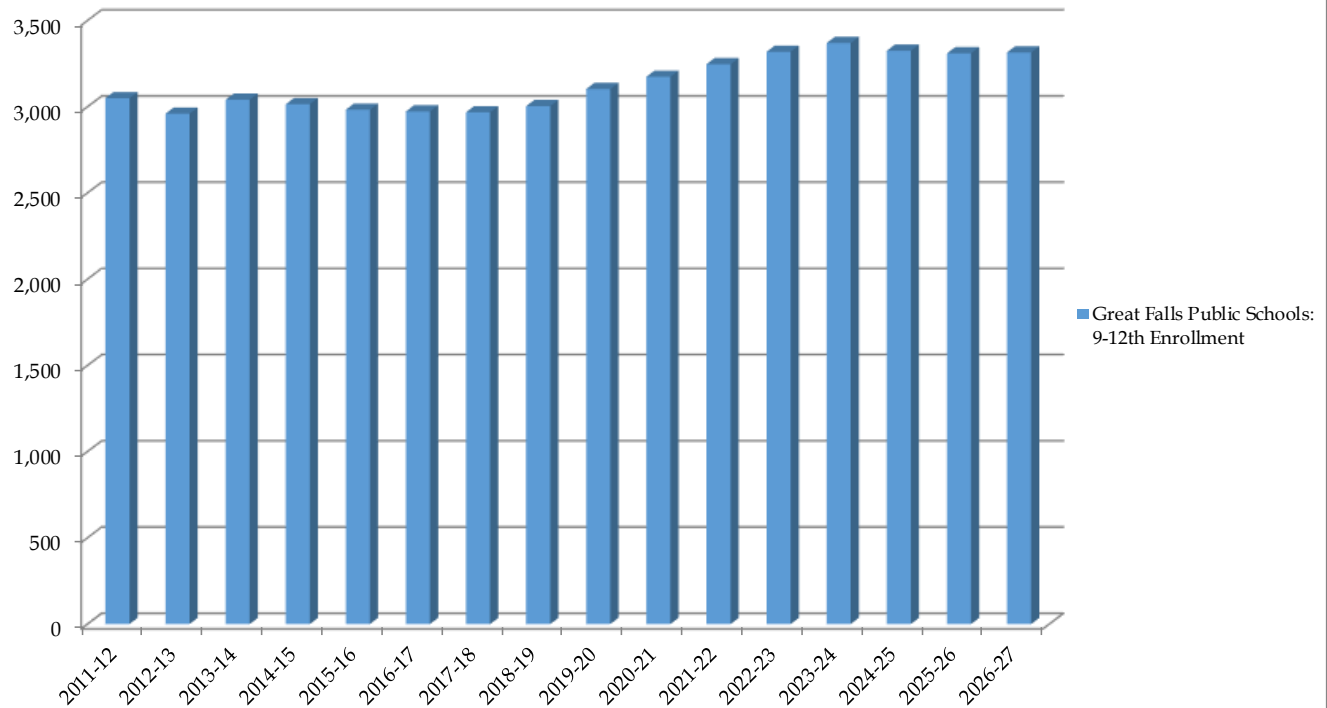


Great Falls Public Schools: 7-8th Enrollment



GREAT FALLS PUBLIC SCHOOLS: TOTAL DISTRICT ENROLLMENT CONTINUED

Great Falls Public Schools: 9-12th Enrollment



Great Falls Public Schools: K-12th Enrollment

