

SITE DATA

Year Built: 2001

- Portable Addition: 2002

Year Modernized:

Student Population (2017 – 2018): 540-550

PRINCIPAL PRIORITIES

1. One to two portables needed for increasing enrollment.
2. Better Special Ed space. Could be fixed by portable addition.
3. Wireless, ceiling mounted projector in MPR needed.

Program Support Needs

- Special Ed has 1.5 classrooms (shared) and 2.6 to 2.8 FTE. Needs more space.
- Room L2 is underutilized but too small for prep and teaching.
- One to two portable needed for increasing enrollment. This year okay because head start program has left.



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CATEGORY:

- [0] No Work
- [1] Minor Work
- [2] Minor Modernization
- [3] Standard Modernization
- [4] Major Modernization / Reconfiguration
- [5] Complete Replacement

General Organization

Category [0]

- Student counseling uses space converted from storage. Amount of storage is good.
- Staff and admin space accommodates many people. Space tight but okay.

Parking

Category [1]

- Must be repainted for fire drill.

Concrete Paving

Category [1]

- In general, in good condition throughout campus. Some cracking and uneven surfaces at lunch shelter area. Uneven surface joints at with AC/concrete paving.

AC paving

Category [3]

- In general, in good condition in traffic / parking lot areas. Major cracks in play area. Some cracks are several inches wide and are a tripping hazard.

Ramps & Stairs

Category [-]

Site Amenities

Drinking Fountains

Category [2]

- Not enough drinking fountains in play area.
- Some existing drinking fountains don't meet current code requirements.

Shade Shelter

Category [-]

Bike Area

Category [-]

Covered Walkways

Category [-]

Athletic Fields & Facilities

Category [3]

- Padded surface at play area worn out. Needs replacement. Also refer to notes under AC Paving.

Landscape

Category [0]

- No issues reported.

SECTION 5



FACILITY CONDITION ASSESSMENT MARGUERITE MONTGOMERY ELEMENTARY

CATEGORY:

- [0] No Work
- [1] Minor Work
- [2] Minor Modernization
- [3] Standard Modernization
- [4] Major Modernization / Reconfiguration
- [5] Complete Replacement

Irrigation**Category [0]**

- No issues reported

Fencing & Gates**Category [0]**

- No issues reported.

ASSESSMENT OF BUILDINGS**Exterior****Overall Rating: Category [1]**

- Plaster system damaged at pipe penetrations. Some areas have gaps around entire pipe penetration. Building's waterproofing system appears compromised.

Paint**Category [0]**

- No issues reported.

Door / Frames / Locks**Category [0]**

- No issues reported.

Windows**Category [0]**

- In general, in good condition throughout campus.

Roof**Category [0]**

- No access to roofs and no issues were reported.

ADA Compliance**Category [2-3]**

- Door threshold issues at D-Wing.
- Continuous wheelchair accessible path of travel to public way interrupted by curbs. Not barrier free. No detectable domes.

Interior**Overall Rating: Category [-]****Food Service****Category [0]**

- No issues reported.

Restrooms**Category [0]**

- No issues reported.

ASSESSMENT OF SYSTEMS**Site Utilities****Domestic Water****Category [-]****Fire Protection****Category [0]**

- No issues reported.

Gas**Category [0]**

- No issues reported.

Sewer**Category [0]**

- No issues reported.

Storm Drain / Drainage**Category [0]**

- No issues reported.

Mechanical**Overall Rating: Category [5]**

- New HVAC and Control systems needed.

Plumbing**Category [0]**

- No issues reported.

Electrical Power**Category [-]**

- Campus is ~20 years old. Equipment in good shape.
- Siemens, cutler-hammer, and others (no standard manuf.)
- Voltage-120/208A-3-phase
- T8 lights throughout
- No preferred lighting and controls vendors

Fire Alarm**Category [-]**

- Manual pull stations
- Smoke detectors and alarms – verify full coverage, likely not automatic
- No fire sprinklers – verify as-builts
- Gamewell is the preferred manufacturer
- Integrated Fire System – preferred vendor/consultant
- Fiber to all sites – verify as-builts

Technology - Overall Site**Category [4]**

- Campus Distribution for Telecommunications – The campus has a conduit infrastructure which supports a Main Distribution Frame (MDF) in the Library building, along with dedicated Intermediate Distribution Frames (IDF) per building. Conduit infrastructure is ran on the canopies from building to building. No additional conduit infrastructure is needed to support low voltage infrastructure systems. Existing fiber optic backbone cabling is 62.5um along with copper backbone from MDF to each IDF room. All backbone cabling needs to be replaced.
- Recommendation: Upgrade fiber optic backbone cable to 50um (OM3) and single mode (OS2) from MDF to each IDF to obtain network speed/bandwidth and future growth

Exterior Paging System**Category [0]**

- Exterior PA speakers are on campus

Exterior Security Cameras**Category [0]**

- Campus currently does not have security cameras. None are required

Exterior Wireless Access Points**Category [3]**

- Campus currently does not have exterior wireless access points

SECTION 5



FACILITY CONDITION ASSESSMENT MARGUERITE MONTGOMERY ELEMENTARY

CATEGORY:

- [0] No Work
- [1] Minor Work
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Building Systems:

MDF

- Three floor standing data racks with ladder racking and wire managers. No Telecommunications Main Grounding Busbar (TMGB). Poor cable management. CAT5 network cabling to all workstations. Room has dedicated cooling. No master clock system. No proper grounding and bonding. Security Camera system no longer functional. No Intrusion detection system. All horizontal cabling is in surface mounted wiremold in classrooms and corridor.

Provide Telecommunication Main Grounding Busbar (TMGB) [4].

Provide dedicated cooling 24/7 [5]

Upgrade fiber optic backbone cabling to multimode 50um (OM3) and single mode (OS2) [4]

Data/Voice

Category [5]

- Full VoIP CAT6A structured cabling
- Full wireless coverage

Intercom/PA/Clock

Category [0]

- Carehawk System

CATV

Category [0]

Intrusion Detection

Category [5]

- Honeywell System
- Administration, Gymnasium, Computer Lab, Library

Security Camera

Category [0]

Access Control

Category [5]

- All doors

Audio Visual

Category [4]

- Classroom room technology, Interactive boards.
- Conference rooms, flat screen TV's
- Culinary Arts Video Streaming
- Digital Menu Boards (60" min.)

Assistive Listening System

Category [4]

Lighting

Category [-]

SECTION 5





Shade Structure



Drop-Off Lane



Parking



Concrete Paving



Hardcourts



Windows



Playfields / Athletics



Play Structure



Exterior Door Hardware

SECTION 5



FACILITY CONDITION ASSESSMENT MARGUERITE MONTGOMERY ELEMENTARY





Multi-Purpose Room



Food Service



Administration Office



Staff Work Room / Lounge



Dining Area



Library



Fencing / Gates



Music Room



Science Lab

SECTION 5



FACILITY CONDITION ASSESSMENT MARGUERITE MONTGOMERY ELEMENTARY



Art



Computer Lab

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FACILITY CONDITION ASSESSMENT MARGUERITE MONTGOMERY ELEMENTARY



Classrooms, CR
 CDC - Child Daycare, PK - Preschool
 TK - Transitional Kindergarten
 KG - Kindergarten, INC - Inclusion
 M/S - Inclusion: Moderate/Severe
 MI - Math Intervention, R - Reading Intervention

Electives / Labs
 SCI - Science, CL - Computer Lab

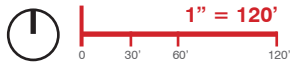
Student Services
 EL - English Learners, CO - Counseling
 INT - Intervention, OT - Occupational Therapy
 PSY - Psychology, SP - Speech
 RSP - Resource Specialist Program

Shared Spaces
 LIB - Library, MPR - Multi-Purpose Room

Admin / Faculty
 FW - Faculty Work, FL - Faculty Lounge,
 O - Office, CF - Conference Room

Support Spaces
 X - Storage, T - Toilets, U - Utility,
 J - Janitor, K - Kitchen

- Portable Classrooms
- Main Entry
- Drop-Off
- Electrical Transformer



SECTION 5



**EXISTING CAMPUS PLAN
 MARGUERITE MONTGOMERY ELEMENTARY**





Classrooms, CR
 CDC - Child Daycare, PK - Preschool
 TK - Transitional Kindergarten
 KG - Kindergarten, INC - Inclusion
 M/S - Inclusion: Moderate/Severe, R - Reading Intervention, MI - Math Intervention

Electives / Labs
 SCI - Science, CL - Computer Lab
 IL - Innovation Lab

Student Services
 EL - English Learners, CO - Counseling
 OT - Occupational Therapy, PSY - Psychology
 SP - Speech, RSP - Resource Specialist Program

Shared Spaces
 LC - Learning Center, LIB - Library
 MPR - Multi-Purpose Room

Admin / Faculty
 FW - Faculty Work, FL - Faculty Lounge,
 O - Office, CF - Conference Room

Support Spaces
 X - Storage, T - Toilets, U - Utility,
 J - Janitor, K - Kitchen

▭ Portable Classrooms

★ Main Entry

➔ Drop-Off

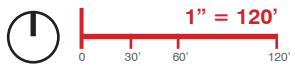
● Electrical Transformer

■ Outdoor Learning / Playfields ■ Rubberized Surface

■ Hardcourts ■ Parking Lot

■ NO WORK ■ MODERNIZATION

■ RECONFIGURE ■ NEW CONSTRUCTION



SECTION 5



**PROPOSED CAMPUS MASTER PLAN
 MARGUERITE MONTGOMERY ELEMENTARY**



SCOPE OF WORK CATEGORIES	MASTER PLAN COST (2018\$)	GROUP 1 SCOPE	GROUP 2 SCOPE
1. Modernize / Reconfigure Existing Classrooms	\$ -	\$ -	\$ -
2. Existing Building Systems, Toilets & Improved Energy Efficiency	\$ 1,111,000	\$ 48,000	\$ -
3. Site Utilities & Infrastructure	\$ -	\$ -	\$ -
4. New Construction (Classrooms)	\$ 2,742,000	\$ -	\$ -
5. Elementary STEM & JrHS/HS Science Programs	\$ 2,593,000	\$ -	\$ -
6. JrHS/HS Electives Improvements	\$ -	\$ -	\$ -
7. Music, Drama & Performing Arts Improvements	\$ -	\$ -	\$ -
8. MPR, Student Union & Food Service Improvements	\$ -	\$ -	\$ -
9. Physical Education Improvements	\$ -	\$ -	\$ -
10. Staff & Community Support	\$ 401,000	\$ 145,000	\$ -
11. Library & Student Support Services	\$ 719,000	\$ -	\$ -
12. Safety & Security	\$ 672,000	\$ 672,000	\$ -
13. Bike / Car Parking & Drop-Off	\$ 58,000	\$ 58,000	\$ -
14. Outdoor Learning Courts, Quads & Gardens	\$ 1,090,000	\$ -	\$ -
15. Exterior Play Spaces, Playfields & Hardcourts	\$ 779,000	\$ -	\$ -
16. Next Generation Learning Furniture	\$ 742,000	\$ -	\$ -
17. Technology Infrastructure & Equipment	\$ 625,000	\$ 445,000	\$ -
Total Construction / Project Cost (2018\$)	\$ 11,532,000	\$ 1,368,000	\$ -

The following items are excluded from this budget:

- Utility hook-up fees & City connection fees
- Off-site work and traffic signals
- Land acquisition costs
- Temporary classrooms
- Hazardous material surveys, abatement and disposal
- Escalation (costs are in 2018\$)

SECTION 5



COST SUMMARY MARGUERITE MONTGOMERY ELEMENTARY