BURTONSVILLE ELEMENTARY SCHOOL

WORK SESSION #1

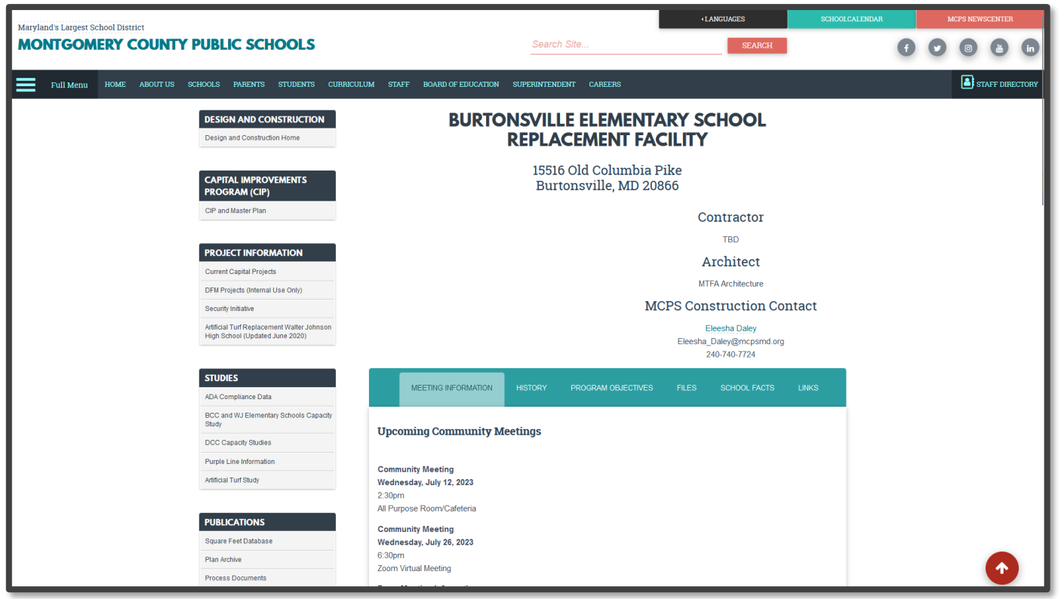
JULY 12, 2023

Maryland's Largest School District
MONTGOMERY COUNTY PUBLIC SCHOOLS
Expanding Opportunity and Unleashing Potential

MTFA architecture

BURTONSVILLE PROJECT WEBSITE:

https://www2.montgomeryschoolsmd.org/departments/facilities/construction/project/BurtonsvilleES/



PROJECT CONTACT:

Eleesha Daley

MCPS Project Manager

Eleesha_Daley@mcpsmd.org

240-740-7724

AGENDA

Maryland's Largest School District
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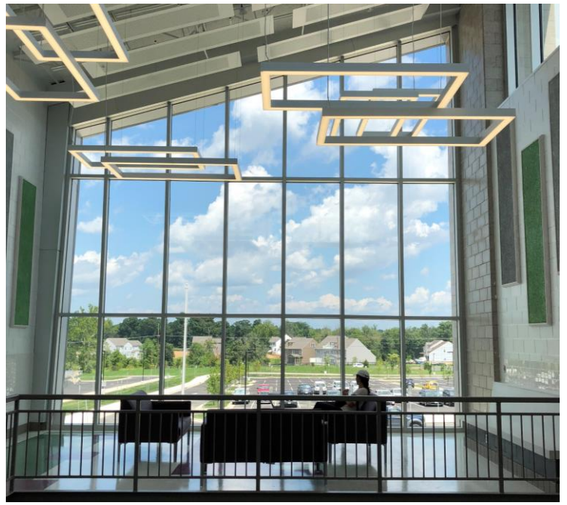
Burtonsville Elementary

MTFA architecture

1. Team introductions
2. Process and program
3. Project site
4. Vision for the school
5. Design concepts



TEAM INTRODUCTIONS

Maryland's Largest School District

MONTGOMERY COUNTY PUBLIC SCHOOLS

Expanding Opportunity and Unleashing Potential

Burtonsville Elementary

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architecture

Maryland's Largest School District

MONTGOMERY COUNTY PUBLIC SCHOOLS

Expanding Opportunity and Unleashing Potential

Burtonsville Elementary

MICHAEL FOSTER
FAIA
Principal-in-Charge

MEAGAN JANCY
AIA, LEED AP BD+C
Project Manager

BRADEN FIELD
AIA, LEED AP
Senior Project Architect

JASON AZAR
PE
Civil Principal

SEAN LINDAMAN
PE
Project Manager

MTFA architecture

Architecture, Interiors, Planning & Sustainability

Civil Engineering

Clark | Azar & Associates
Civil Engineering

James Posey Associates
MEP/FP Engineering

Linton Engineering
Structural Engineering

Downey & Scott, LLC
Construction Management Services
Downey & Scott
Cost Estimating

Polysonics
Acoustics & Technology Consulting
Polysonics
Acoustical

ECS Mid-Atlantic
Geotechnical Engineering

Nyikos-Garcia
Foodservice

Norton Land Design
Landscape Architecture + Environmental Planning
Norton Land Design
Landscape Architecture

PROJECT SCHEDULE

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- Programming / Schematic Design — June 2023 – October 2023
- Design Development / Construction Documents — November 2023 – September 2024
- Permit / Bidding — October 2024
- Construction — August 2025 – August 2027

PHASES

PROGRAM

Maryland's Largest School District
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Burtonsville Elementary

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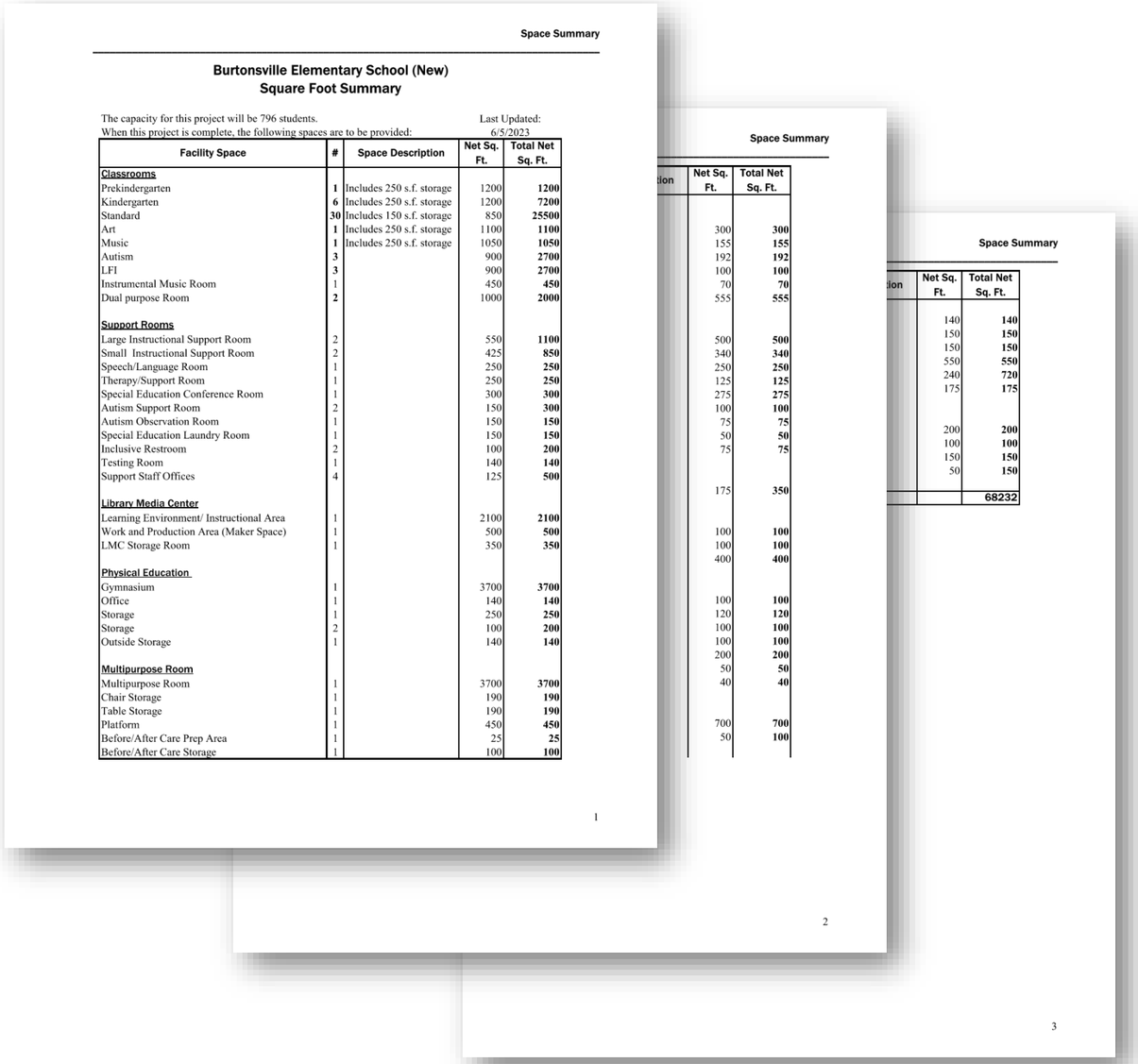
- Program Net Square Footage: 68,200 NSF
- Building Total Square Footage: ~100,000 GSF
- Design Capacity: 796 Students
- Site Area: 10.95 Acres
- Parking: 100-120 spaces



Space Summary

Burtonsville Elementary School (New)
Square Foot Summary

The capacity for this project will be 796 students. Last Updated:
When this project is complete, the following spaces are to be provided: 6/5/2023

Facility Space	#	Space Description	Net Sq. Ft.	Total Net Sq. Ft.
Classrooms				
Prekindergarten	1	Includes 250 s.f. storage	1200	1200
Kindergarten	6	Includes 250 s.f. storage	1200	7200
Standard	30	Includes 150 s.f. storage	850	25500
Art	1	Includes 250 s.f. storage	1100	1100
Music	1	Includes 250 s.f. storage	1050	1050
Autism	3		900	2700
LFI	3		900	2700
Instrumental Music Room	1		450	450
Dual purpose Room	2		1000	2000
Support Rooms				
Large Instructional Support Room	2		550	1100
Small Instructional Support Room	2		425	850
Speech/Language Room	1		250	250
Therapy/Support Room	1		250	250
Special Education Conference Room	1		300	300
Autism Support Room	2		150	300
Autism Observation Room	1		150	150
Special Education Laundry Room	1		150	150
Inclusive Restroom	2		100	200
Testing Room	1		140	140
Support Staff Offices	4		125	500
Library Media Center				
Learning Environment/ Instructional Area	1		2100	2100
Work and Production Area (Maker Space)	1		500	500
LMC Storage Room	1		350	350
Physical Education				
Gymnasium	1		3700	3700
Office	1		140	140
Storage	1		250	250
Storage	2		100	200
Outside Storage	1		140	140
Multipurpose Room				
Multipurpose Room	1		3700	3700
Chair Storage	1		190	190
Table Storage	1		190	190
Platform	1		450	450
Before/After Care Prep Area	1		25	25
Before/After Care Storage	1		100	100

1

Space Summary

Net Sq. Ft.	Total Net Sq. Ft.
300	300
155	155
192	192
100	100
70	70
555	555
500	500
340	340
250	250
125	125
275	275
100	100
75	75
50	50
75	75
175	350
100	100
100	100
400	400
100	100
120	120
100	100
100	100
200	200
50	50
40	40
700	700
50	100

2

Space Summary

Net Sq. Ft.	Total Net Sq. Ft.
140	140
150	150
150	150
550	550
240	720
175	175
200	200
100	100
150	150
50	150
	68232

3

BURTONSVILLE ES – EXISTING SITE

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Burtonsville Elementary

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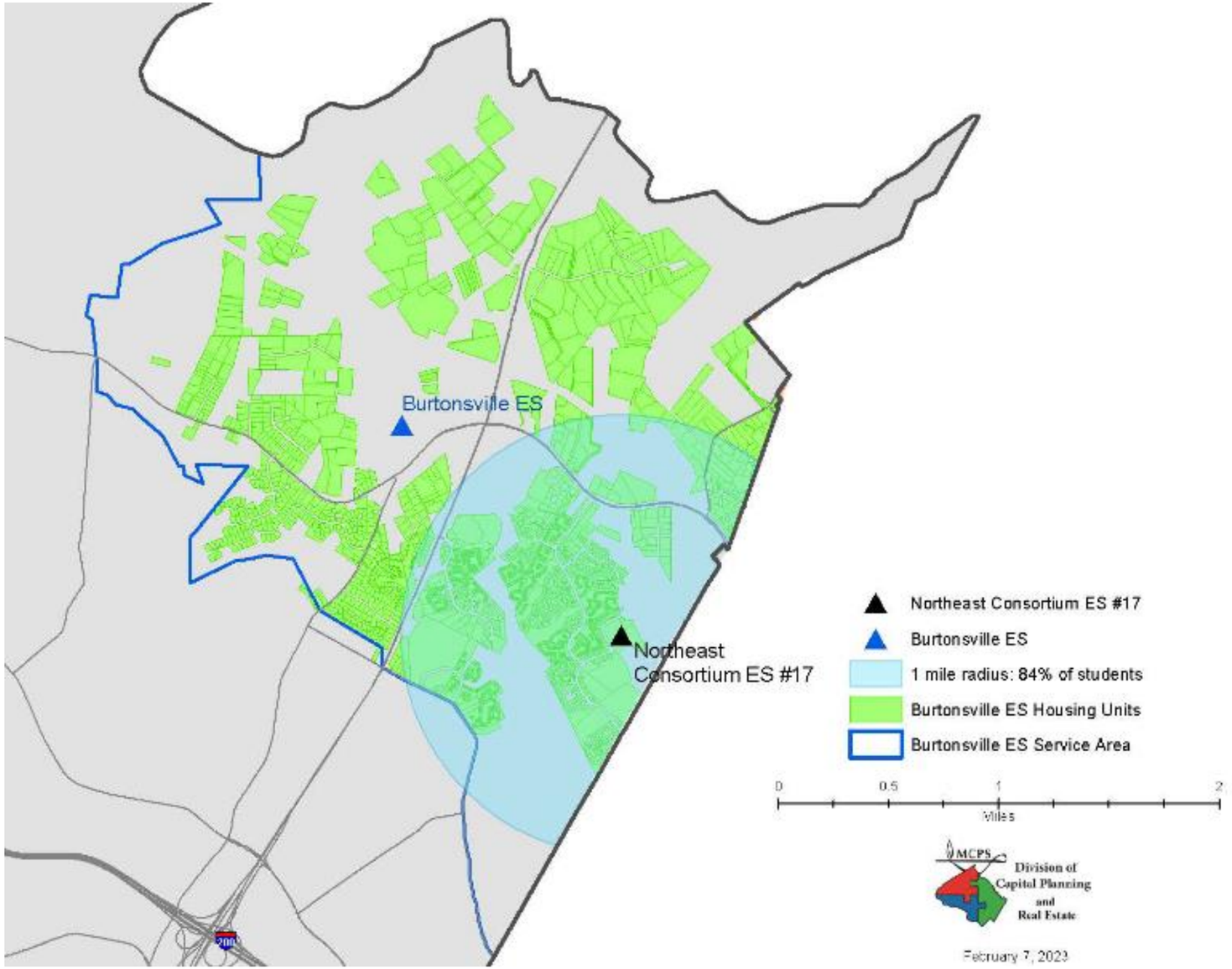
BURTONSVILLE ES – NEW COMMUNITY PRESENCE

- 1 Mile radius for walkers
  (to be determined by department of transportation)
- Civic presence in the community
- Significance in community
- Relocation from commercial area to dense residential neighborhood



BURTONSVILLE ES – NEW SITE

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BURTONSVILLE ES – NEW SITE

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BURTONSVILLE'S VISION AND VALUES

Maryland's Largest School District
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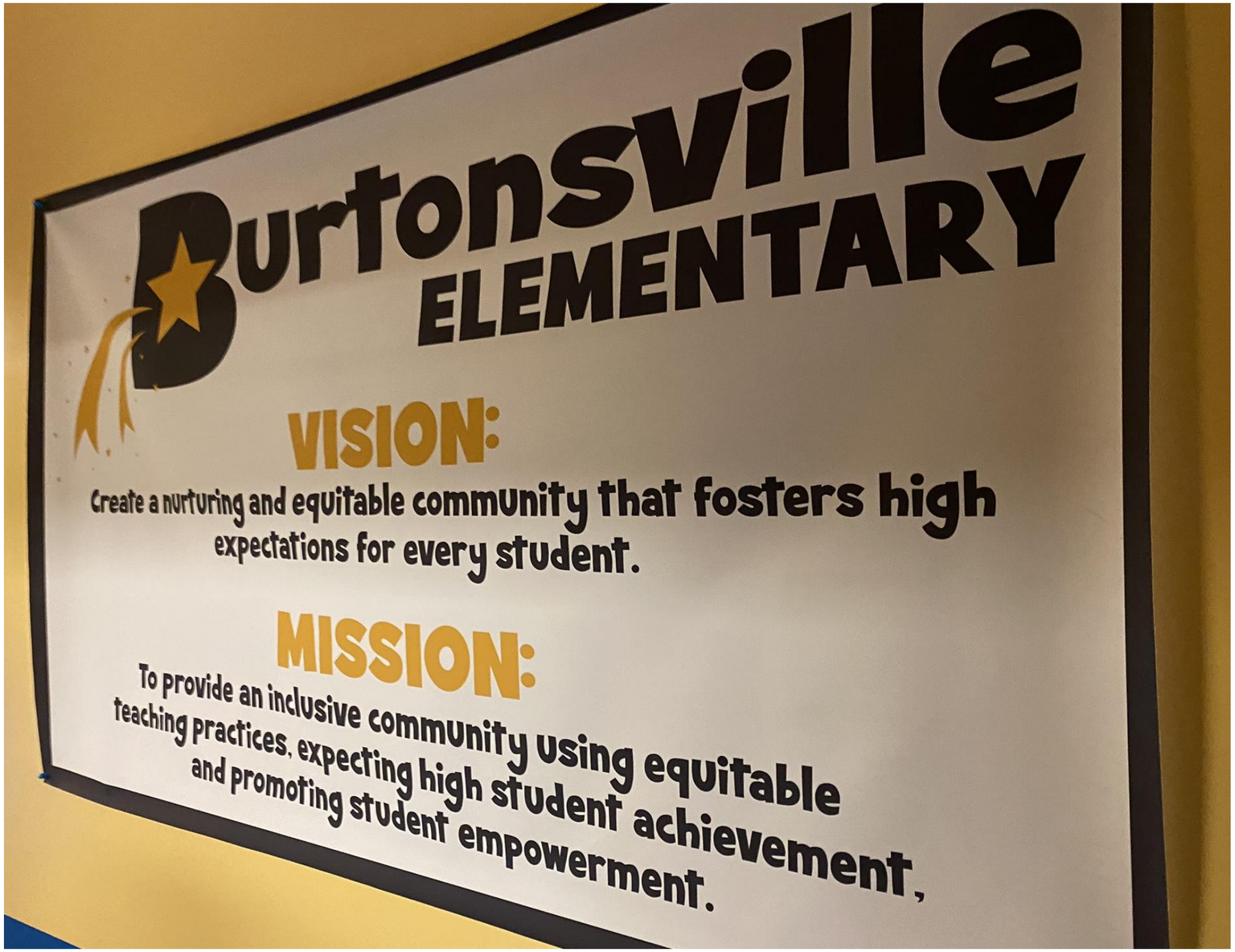
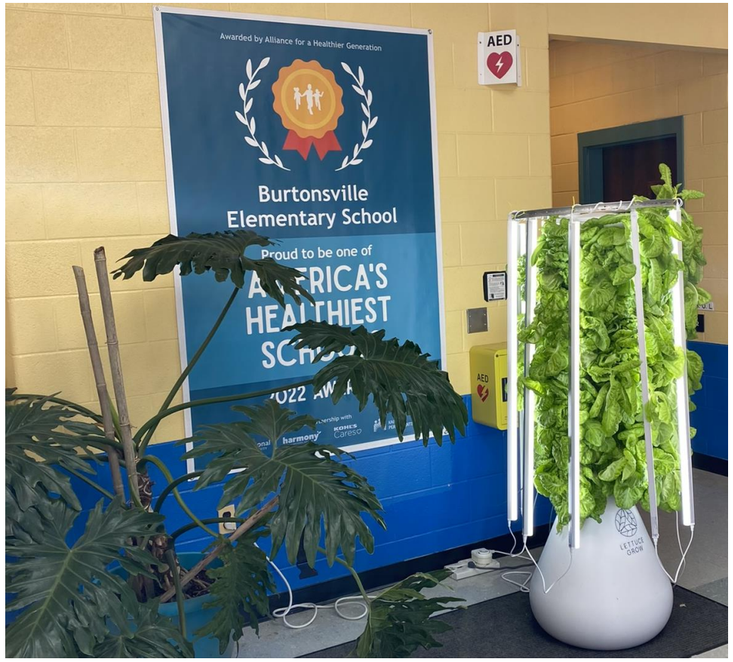


Burtonsville Elementary



What makes Burtonsville special?

- **Wellness** is very important to the school.
- Opportunities for **outdoor** learning, gardens, natural light and connections to nature are high priorities.
- **Open concepts** are preferred for the media center.
- The design of **flexible spaces** like niches, hallway features, etc. help aid and encourage collaboration and flexible teaching outside of the classroom.
- The school is a **fun** and **happy** space, but also **calming**. The school embodies an **inviting** and **welcoming** environment to the community.
- The school colors are **blue** and **yellow** and encouraged to be celebrated in the design.

BURTONSVILLE ES – WHAT SHOULD WE PRESERVE?

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CORNER PRESENCE *(PRESENCIA EN LA ESQUINA)*

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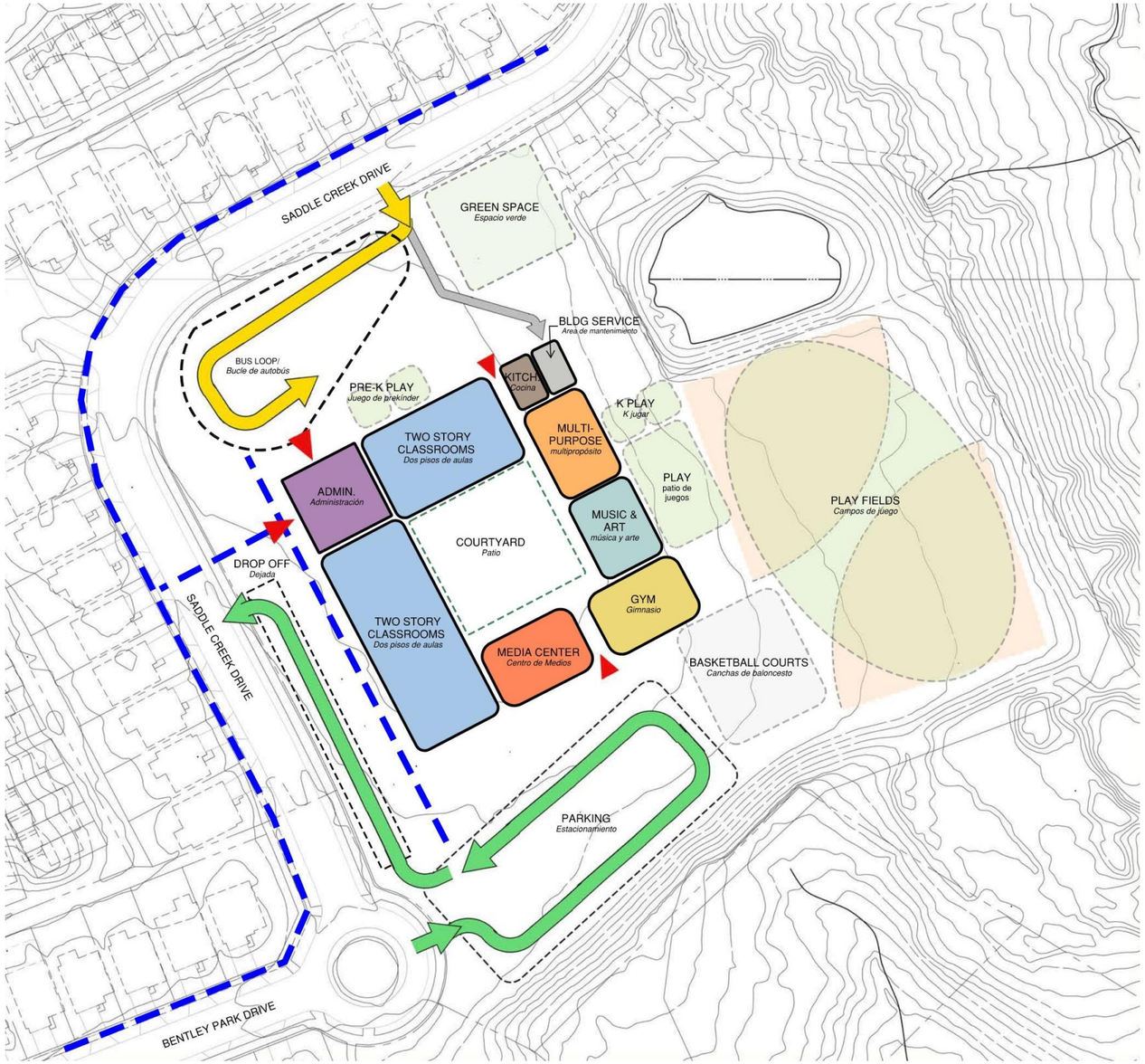
- Strong visual presence and main entry at the corner
  Fuerte presencia visual y entrada principal en la esquina
- Extended one-way car drop-off lane; buses and pedestrians share the same entrance
  Carril extendido para despedida en un solo sentido; los autobuses y los peatones comparten la misma entrada a la escuela
- Secondary Gym and Civic entry directly from parking
  Entrada secundaria para el gimnasio y espacios cívicos desde el estacionamiento
- Building massing aligned with street edge
  Masa del edificio alineada con el borde de la calle



CIRCULATION SYMBOLS LEGEND/
LEYENDA DE SÍMBOLOS DE CIRCULACIÓN:

- BUS ROUTE — *Ruta Del Autobus*
- SERVICE ROUTE — *Ruta de Servicio*
- CAR ROUTE — *Ruta en Auto*
- PEDESTRIAN ROUTE — *Ruta Peatonal*
- PROMINENT ENTRANCES — *Entradas prominentes*

PROGRAM LEGEND/
LEYENDA DEL PROGRAMA:

- ADMIN & HEALTH SUITE — *Administración & Suite de Salud*
- CLASSROOMS — *Aulas*
- MUSIC, ART, DUAL PURPOSE — *Música, Arte, Doble Propósito*
- MEDIA CENTER — *Centro de Medios*
- MULTIPURPOSE & STAGE — *Multiusos y Escenario*
- PHYSICAL EDUCATION — *Educación Física*
- KITCHEN — *Cocina*
- BUILDING SERVICES — *Area de mantenimiento*

TRUE NORTH

PARK SETTING *(COMO UN PARQUE)*

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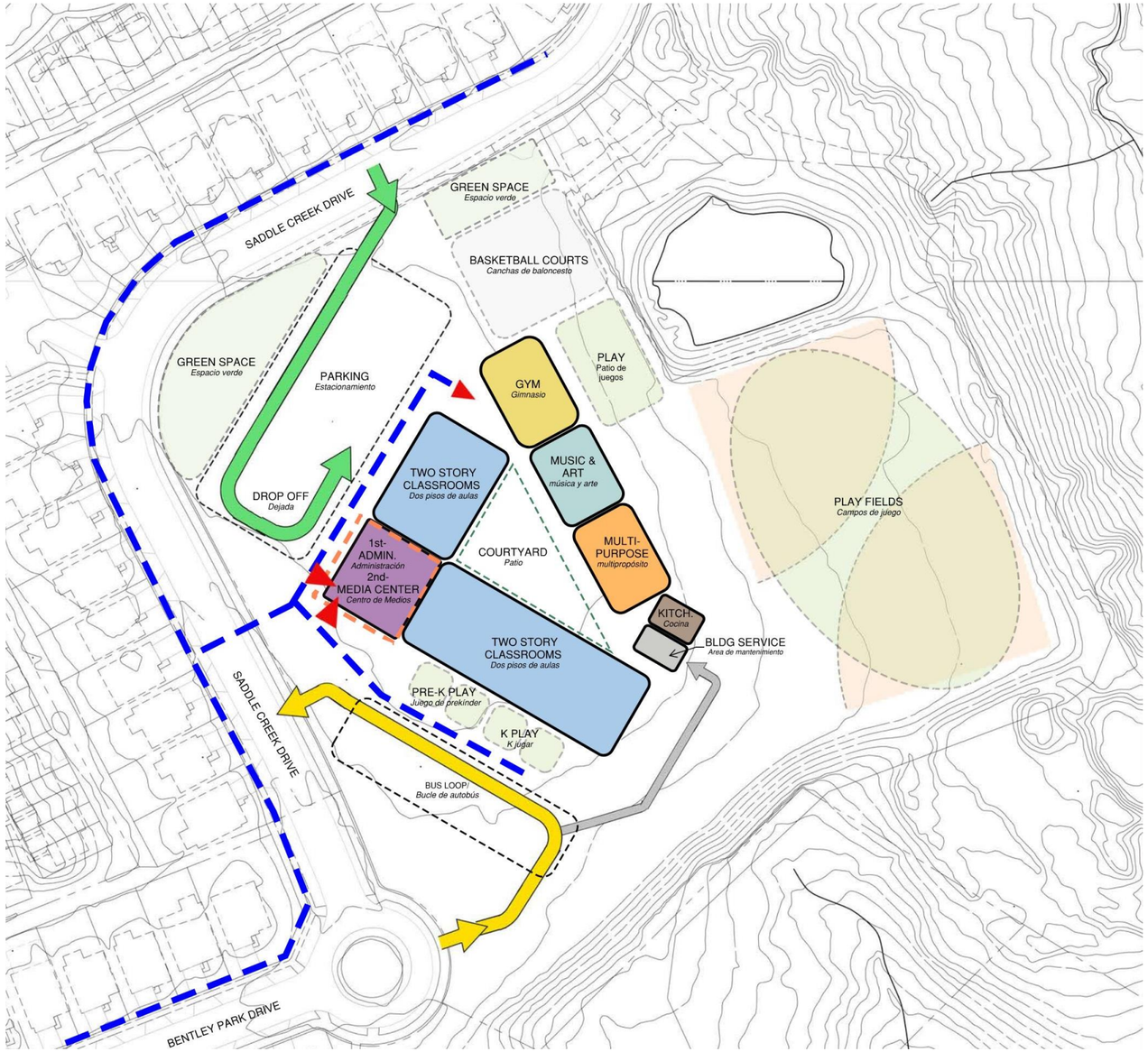
Burtonsville Elementary

MTFA architecture

- Shared, equitable arrival for all students
  Llegada compartida y equitativa para todos los estudiantes
- Balances civic presence with site safety and visibility
  Equilibra la presencia cívica con la seguridad y visibilidad de la escuela
- Strong secondary civic entrance off main parking
  Prominente entrada cívica secundaria fuera del estacionamiento
- Building massing sets back to provide green space along street in a park-like setting
  Masa del edificio recedida para proporcionar espacios verdes a lo largo de la calle en un entorno similar a un parque



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TRUE NORTH

URBAN EDGE *(BORDE URBANO)*

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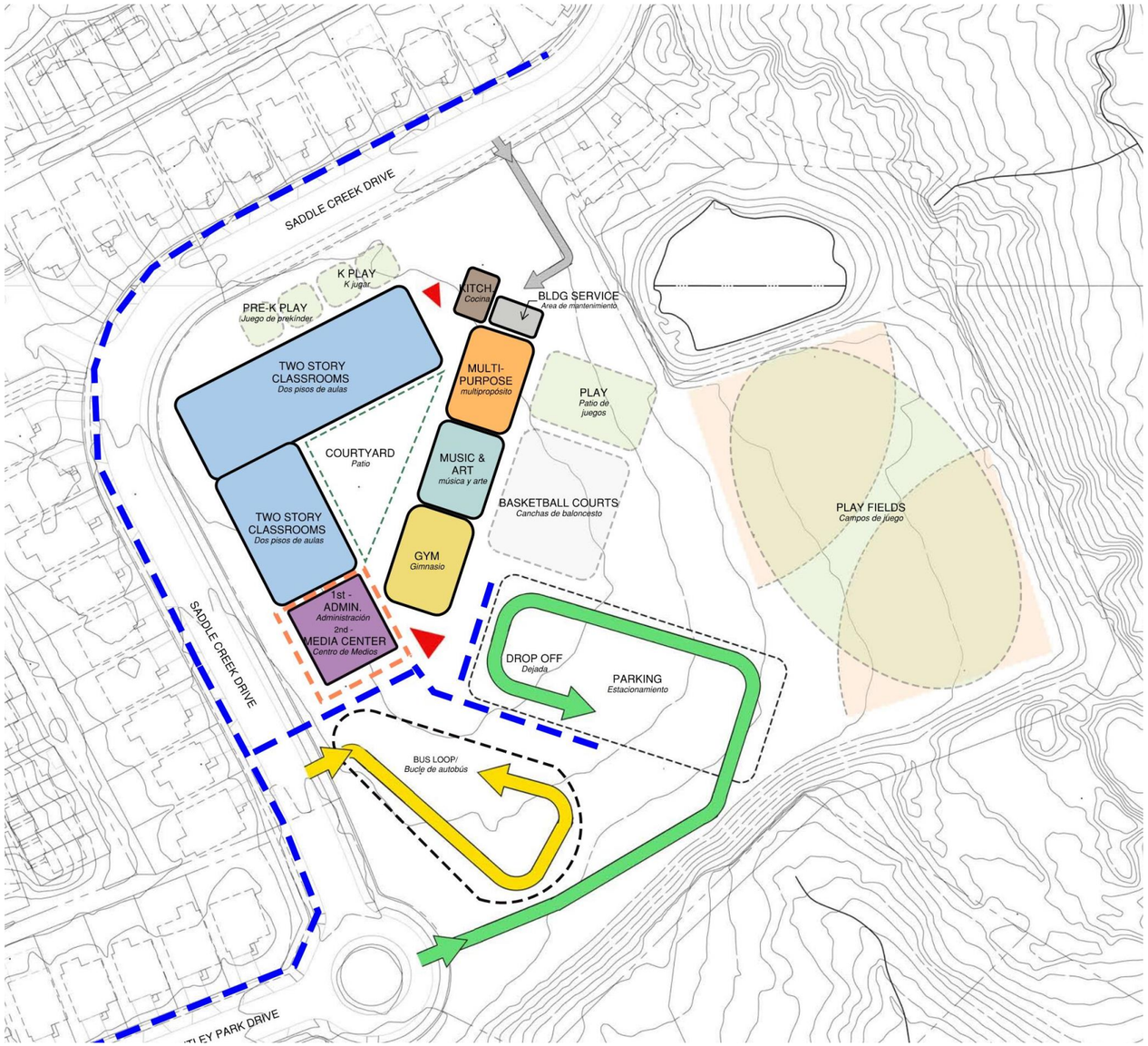
MTFA architecture

- Building massing holds street edge
  La concentración de edificios mantiene el borde de la calle
- Main entry volume in center of block
  Volumen de entrada principal en el centro del bloque
- Shared primary entrance lobby
  Vestíbulo de entrada principal compartido
- Bus and parking closest together for same entry experience
  Autobús y estacionamiento más cercanos para la misma experiencia de entrada
- Loading and service best separated
  Carga y área de servicio mejor separados



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OPTION OVERVIEW (*RESUMEN DE OPCIONES*)

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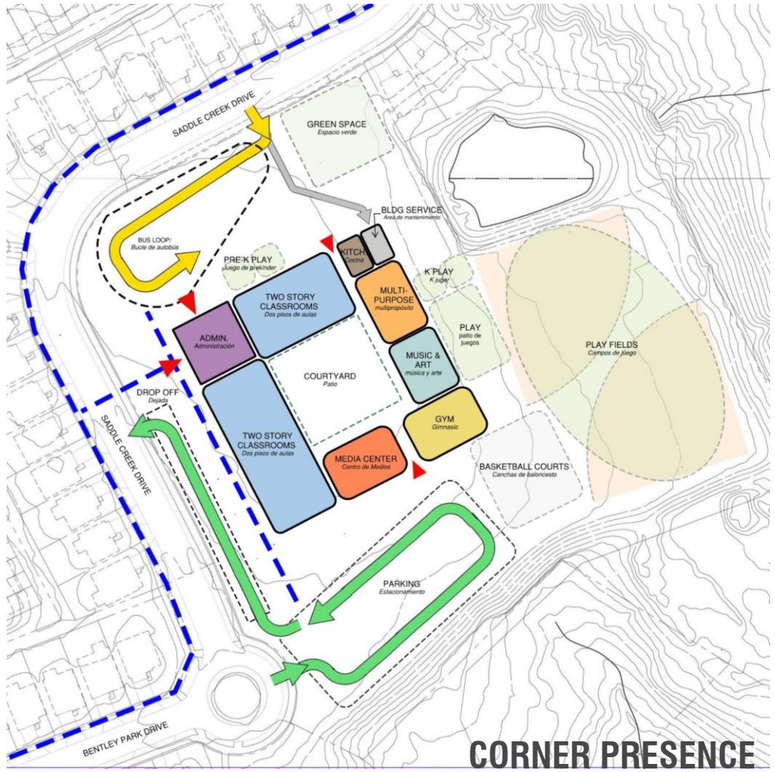
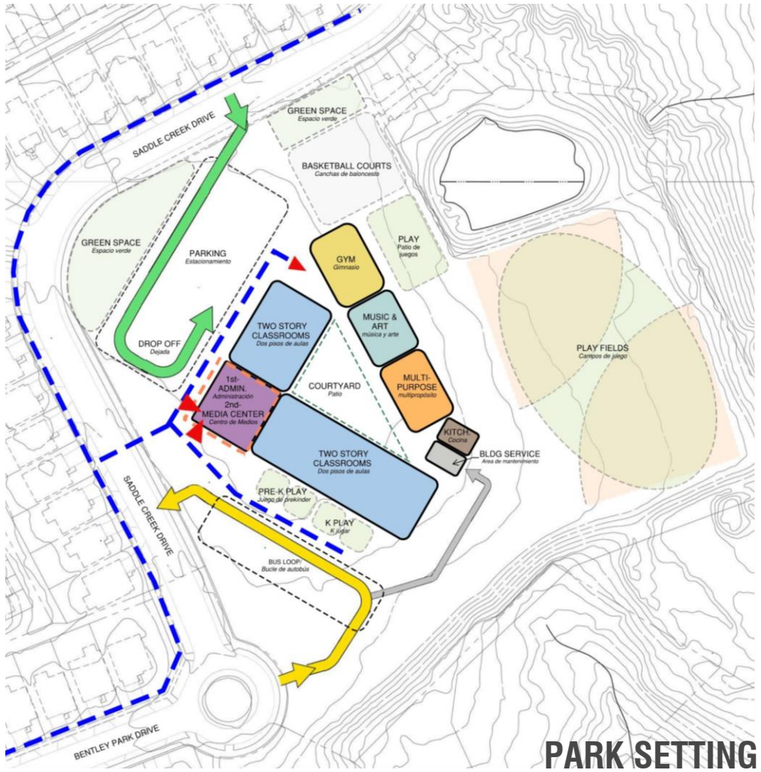
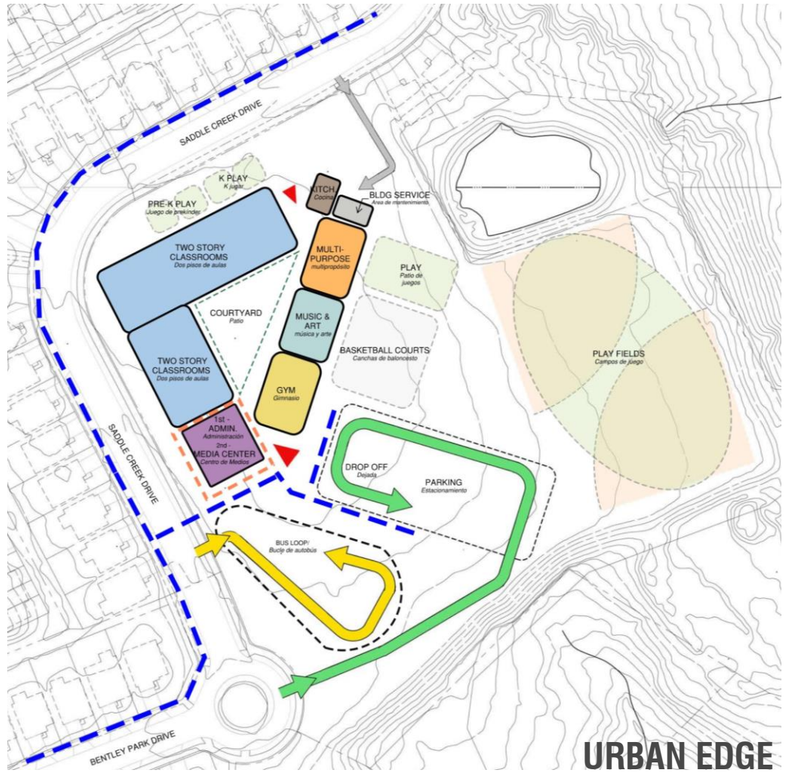


CORNER PRESENCE



PARK SETTING



URBAN EDGE

Design drivers:
Criterio de diseño:

- Site safety and visibility
  Seguridad y visibilidad del sitio
- Civic Presence
  Presencia cívica
- Equity in access and arrival
  Equidad en el acceso y la llegada
- Building layout efficiency
  Eficiencia de la configuración del edificio

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TRUE NORTH

NEXT STEPS

- Review and incorporate what we heard today
- Continue to develop and refine schematic design concept
- Present progress update to community:

  Work Session #2

  Wednesday, July 26, 2023 at 6:30pm

  Meeting Location: Zoom video conference call

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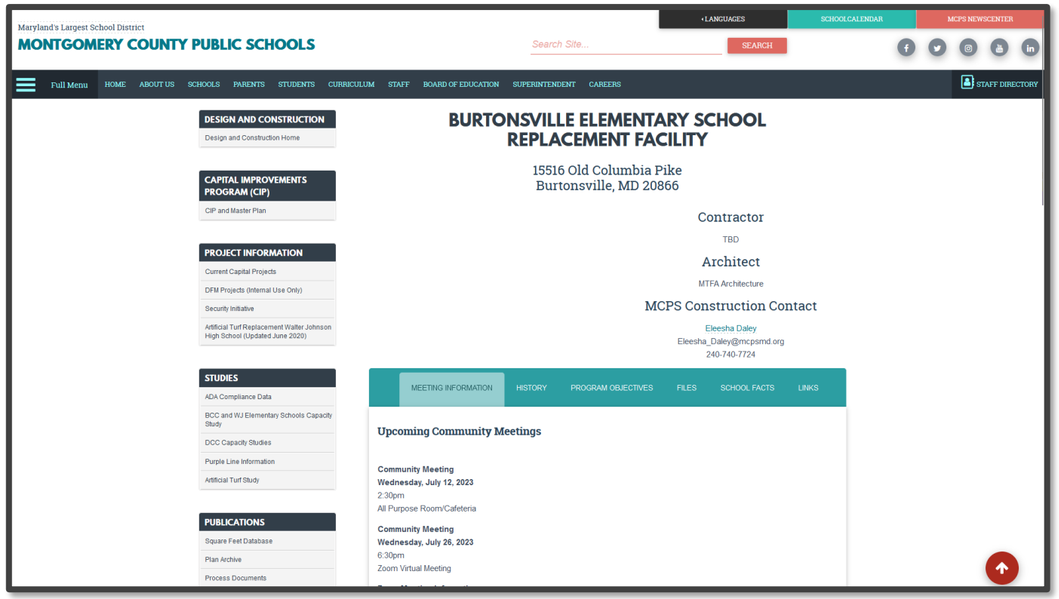

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