

BURTONSVILLE ELEMENTARY SCHOOL

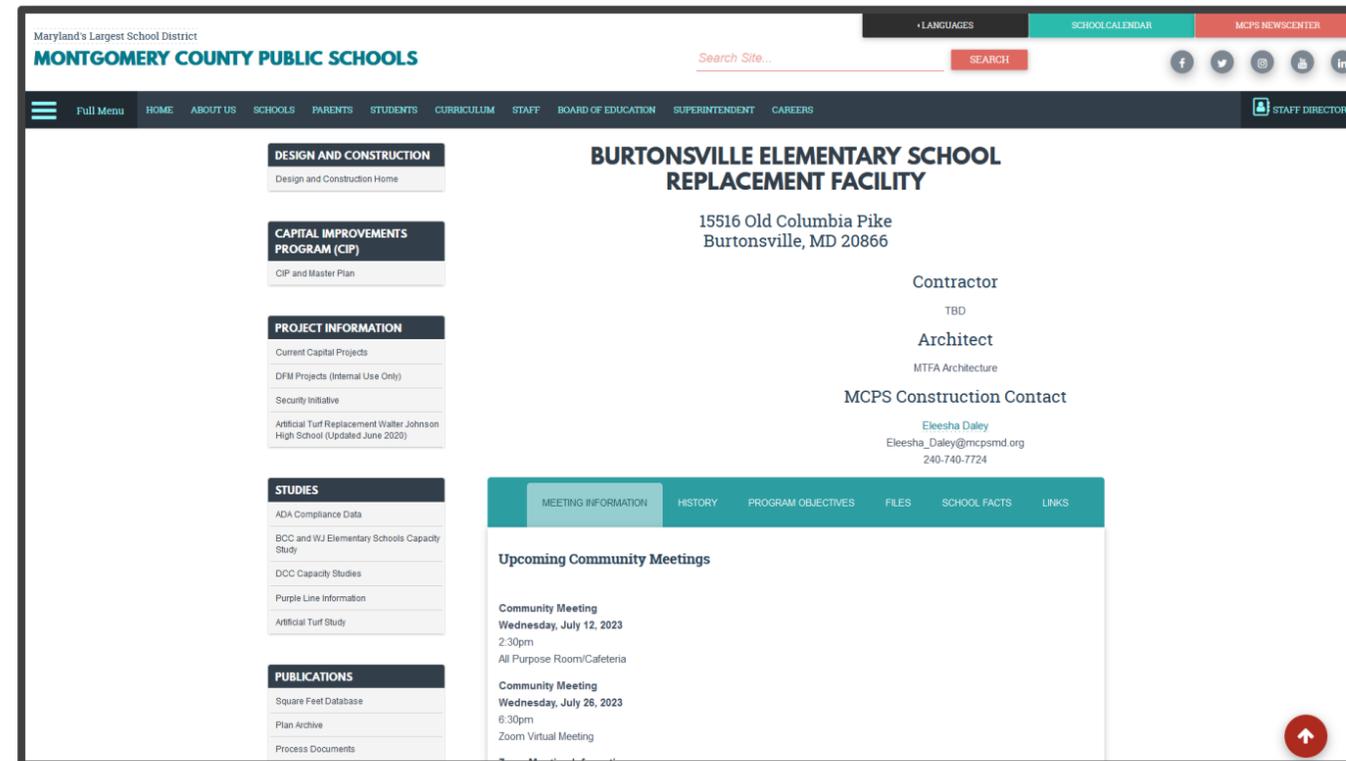
WORK SESSION #4

SEPTEMBER 19, 2023



BURTONSVILLE PROJECT WEBSITE:

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



PROJECT CONTACT:

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MCPS Project Manager
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AGENDA

1. Team introductions
2. Summary of process and program
3. Review of previous presentation
4. Schematic Design
5. Next steps

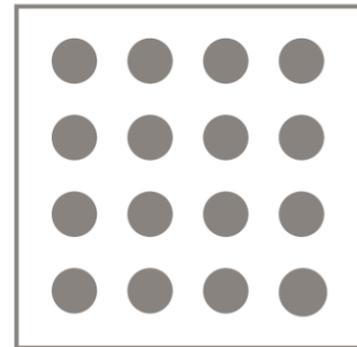


TEAM INTRODUCTIONS

Maryland's Largest School District

MONTGOMERY COUNTY PUBLIC SCHOOLS

Expanding Opportunity and Unleashing Potential



MITFA

a r c h i t e c t u r e

Maryland's Largest School District

MONTGOMERY COUNTY PUBLIC SCHOOLS

Expanding Opportunity and Unleashing Potential



MEAGAN JANCY
AIA, LEED AP BD+C
Project Manager



BRADEN FIELD
AIA, LEED AP
Senior Project Architect



ELIZABETH PARRY
AIA
Project Designer



SEAN LINDAMAN
PE
Project Manager



Architecture, Interiors, Planning & Sustainability



Civil Engineering



Clark|Azar & Associates
Civil Engineering



James Posey Associates
MEP/FP Engineering



Linton Engineering
Structural Engineering



Downey & Scott
Cost Estimating



Polysonics
Acoustical



ECS Mid-Atlantic
Geotechnical Engineering



Nyikos-Garcia
Foodservice



Norton Land Design
Landscape Architecture

PROJECT SCHEDULE

- 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

- 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: 6/5/2023
 When this project is complete, the following spaces are to be provided:

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

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Space Summary

Facility Space	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

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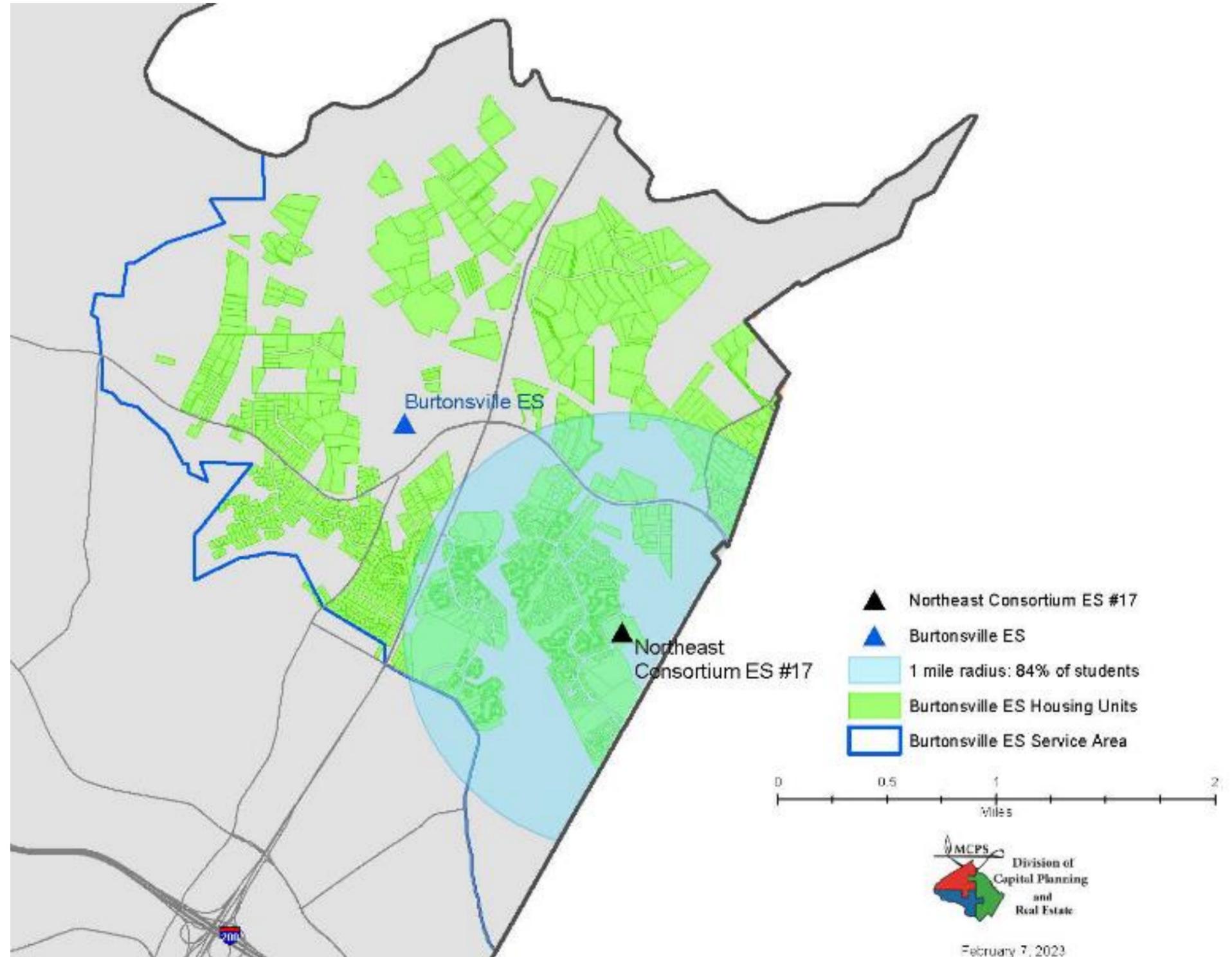
Space Summary

Facility Space	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

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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

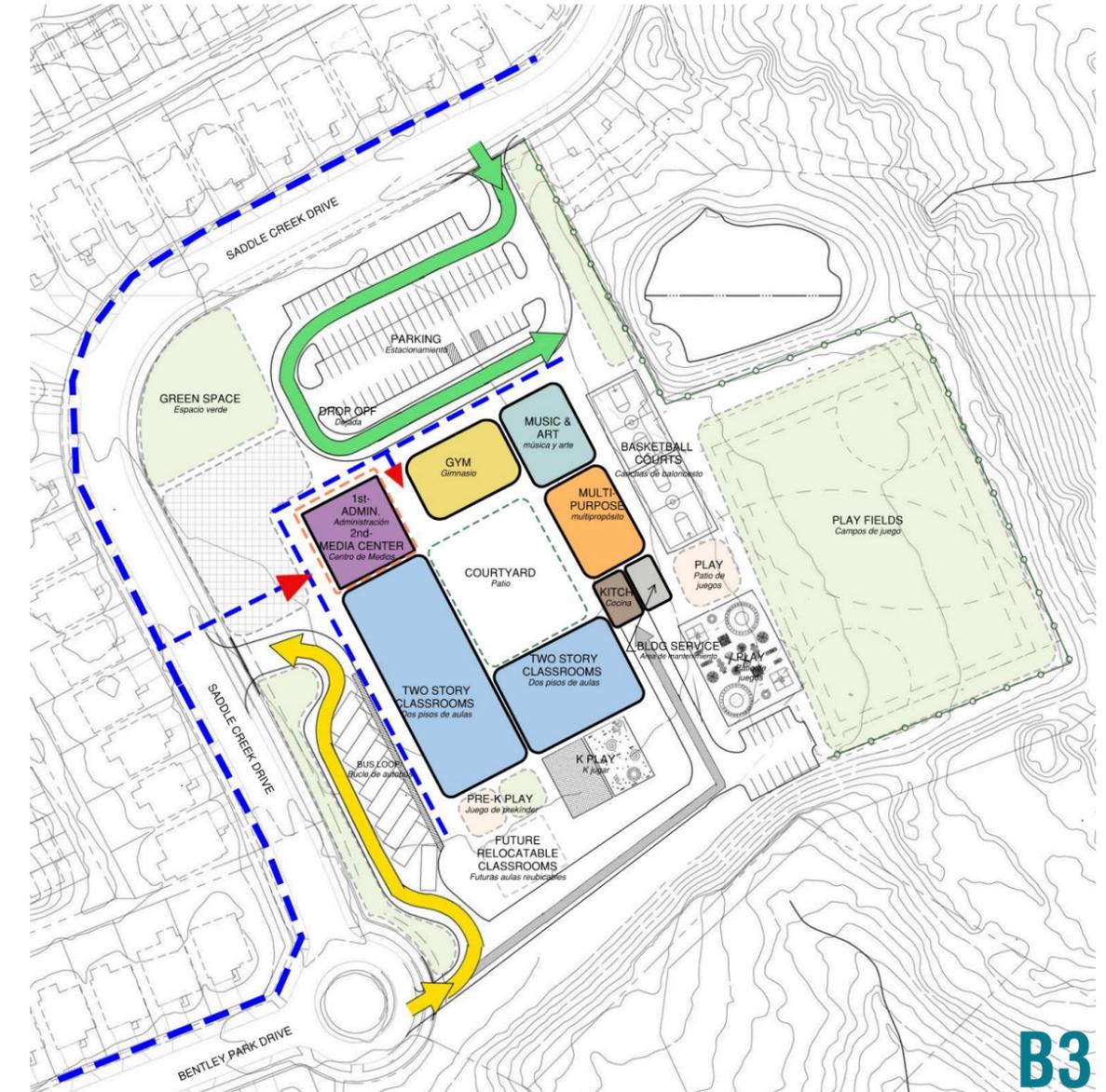
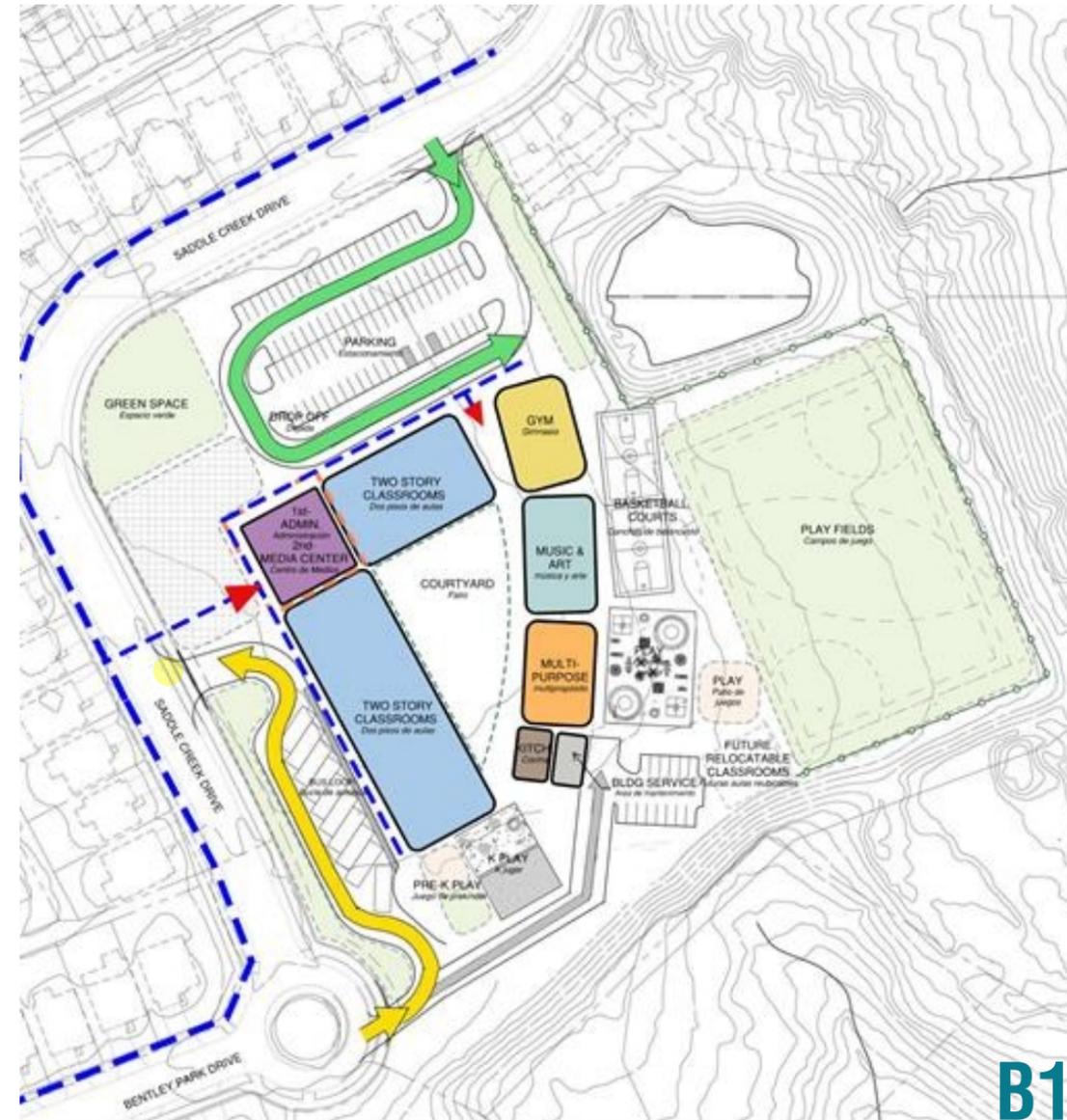


PREVIOUS OPTIONS

Design drivers:

Criterio de diseño:

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



**SITE SYMBOLS LEGEND/
 LEYENDA DE SÍMBOLOS DE SITIO:**

- BUS ROUTE
Ruta Del Autobus
- SERVICE ROUTE
Ruta de Servicio
- CAR ROUTE
Ruta en Auto
- PEDESTRIAN ROUTE
Ruta Peatonal
- PROMINENT ENTRANCES
Entradas prominentes
- PERIMETER FENCING
Cerca de perimetro
- PEDESTRIAN PLAZA
Plaza Peatonal

**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
Multifusos y Escenario
- PHYSICAL EDUCATION
Educación Física
- KITCHEN
Cocina
- BUILDING SERVICES
Area de mantenimiento

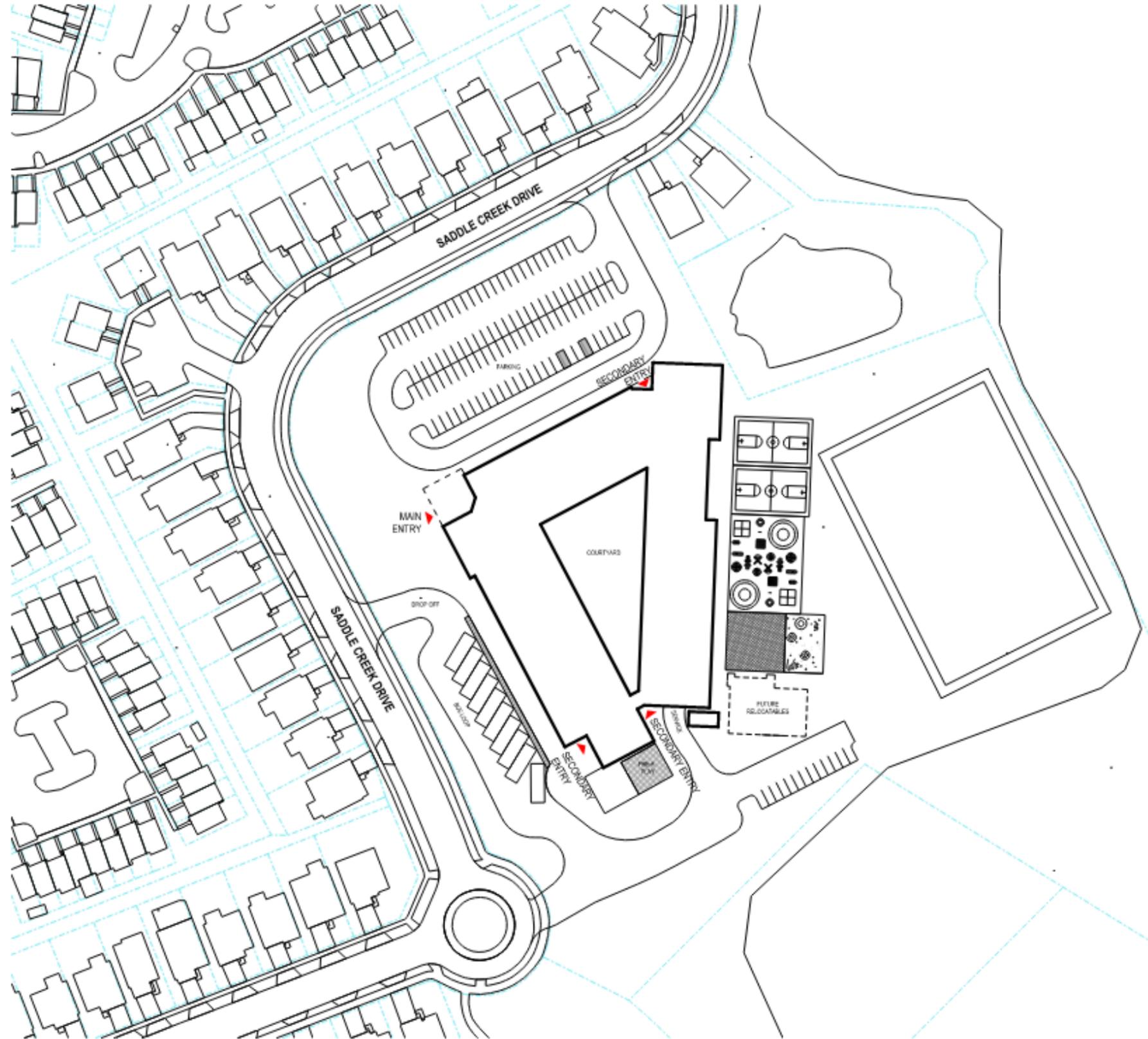
Site Design Drivers:

- Civic identity and welcoming presence
- Shared arrival experience for pedestrians, cars, and buses
- Enhanced visibility from administration offices to the parking lot and the bus loop
- Building mass aligned with street
- Compact footprint providing more space for play spaces and courts
- Loading and service screened from the street view
- Landscaped buffer between the community and school

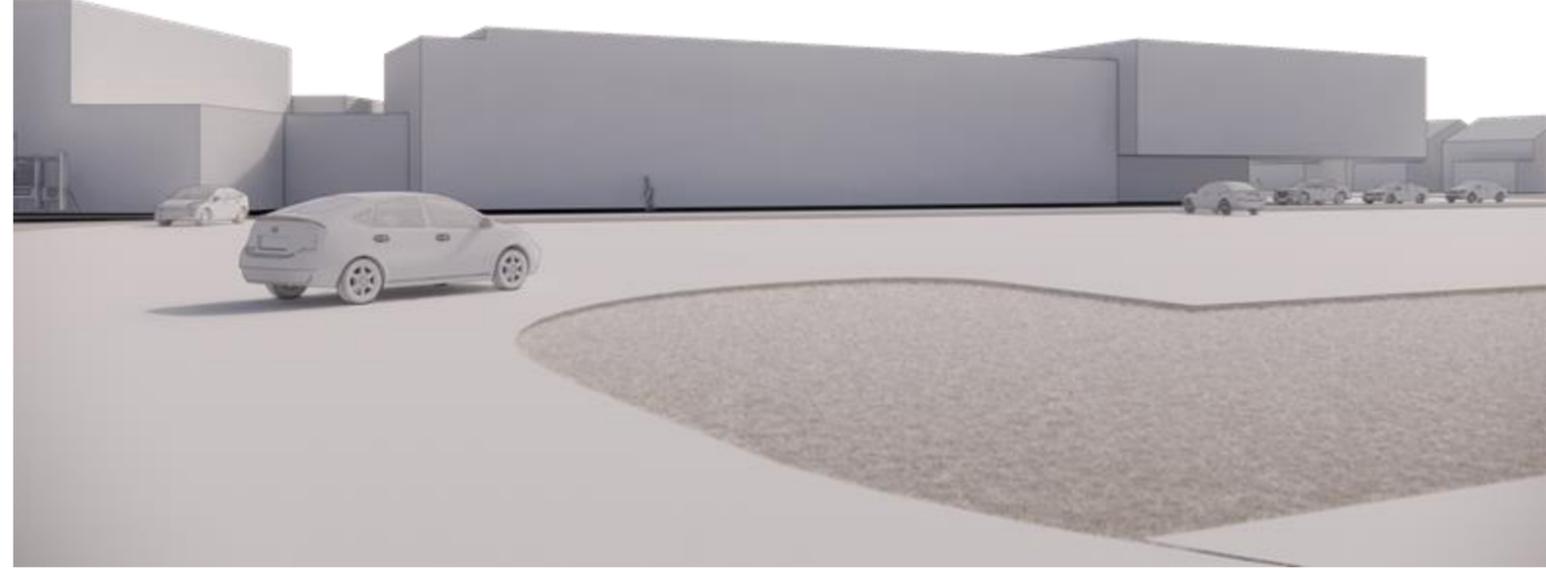
Building Design Drivers:

- Safety and Security
 - Secure classrooms separately from civic program elements (Gym, Multi-purpose, Library, Admin)
 - Media Center on the ground floor allows the civic elements to be grouped more efficiently for after hours use
- Natural Light
 - Maximizes access to daylight for all educational spaces and full time offices
 - Media Center on the ground floor allows for high ceilings and the ability to share light to the corridor
- Enhance use of the courtyard
 - Locating Art, Dual Purpose and Media Center adjacent to the courtyard allows for direct access to outdoor learning opportunities
- Efficient, clear circulation
 - Consolidated classroom wing provides simple circulation with visibility throughout corridors and efficient vertical circulation

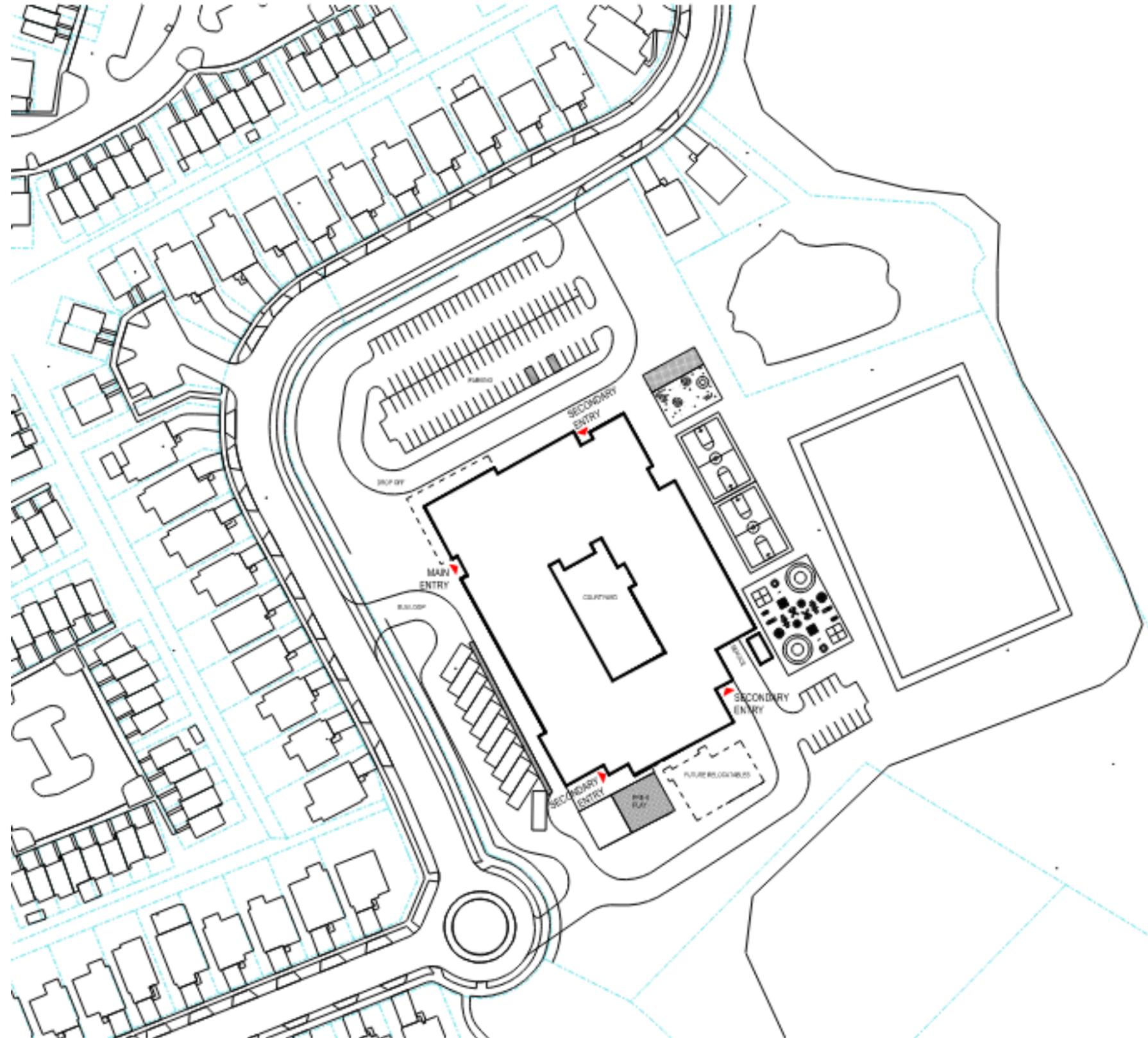
B1: UPDATED OVERALL SITE LAYOUT



B1: SCHEMATIC DESIGN – 3D MASSING



B3: UPDATED OVERALL SITE LAYOUT



B3: SCHEMATIC DESIGN – 3D MASSING



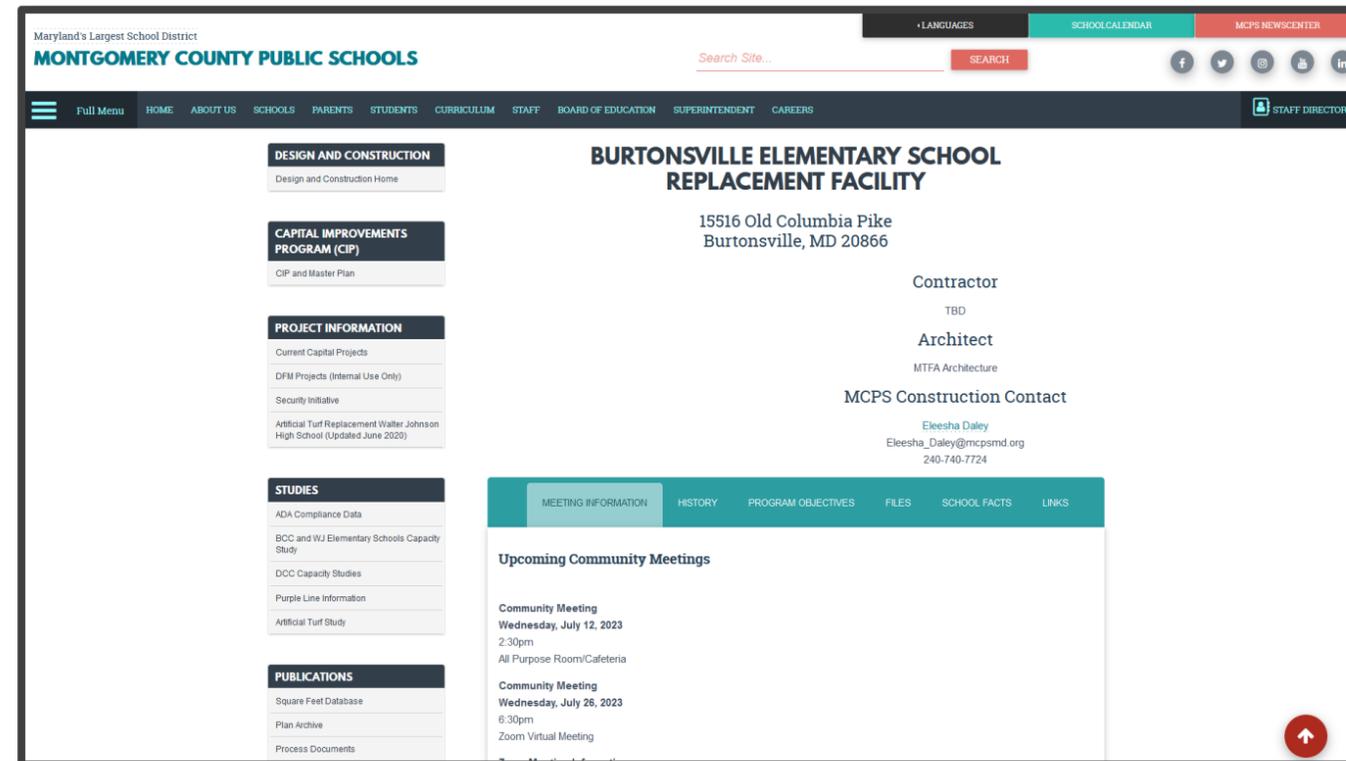
NEXT STEPS

- Review and incorporate what we heard today
- Continue to develop and refine schematic design concept



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