

# BURTONSVILLE ELEMENTARY SCHOOL

## WORK SESSION #2

JULY 26, 2023

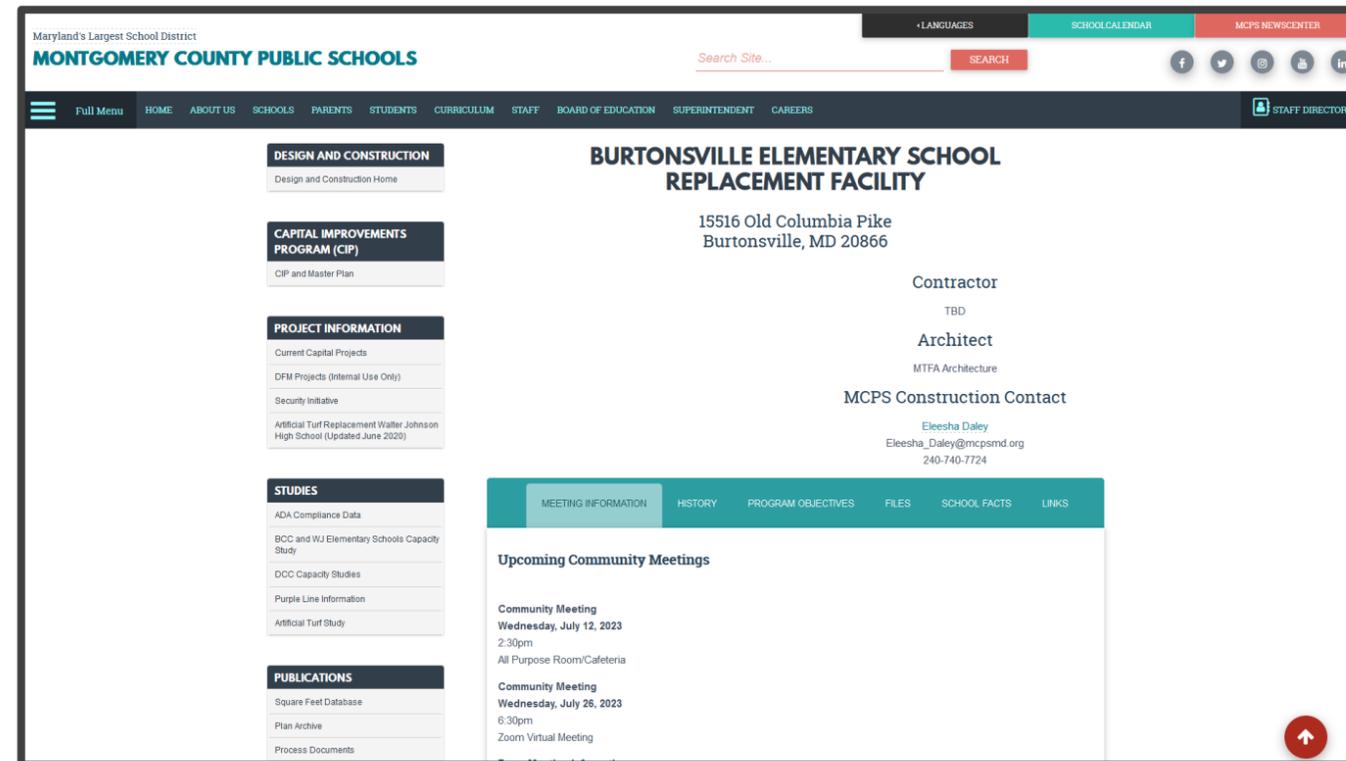


1. This meeting is being recorded. 「●REC」
2. Spanish interpreting services are available in a breakout room if needed.
3. Remain muted unless invited to speak – video is optional.
4. Sign in through the chat function. Provide the following information:
  - a. Full name
  - b. Email address
  - c. Affiliation
5. Submit questions through the chat function. We'll pause periodically to address them.



## 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

1. Team introductions
2. Process and program
3. Review of previous presentation
4. Refined design concepts
5. Next steps

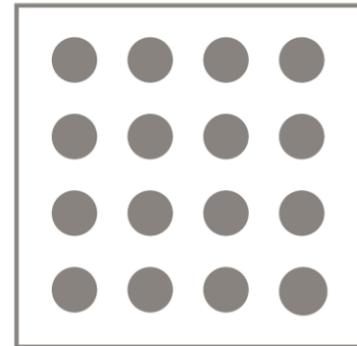


# TEAM INTRODUCTIONS

Maryland's Largest School District

**MONTGOMERY COUNTY PUBLIC SCHOOLS**

*Expanding Opportunity and Unleashing Potential*



**MTFA**

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 + Environmental Planning

**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 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.
<b>Classrooms</b>				
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
<b>Support Rooms</b>				
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
<b>Library Media Center</b>				
Learning Environment/ Instructional Area	1		2100	2100
Work and Production Area (Maker Space)	1		500	500
LMC Storage Room	1		350	350
<b>Physical Education</b>				
Gymnasium	1		3700	3700
Office	1		140	140
Storage	1		250	250
Storage	2		100	200
Outside Storage	1		140	140
<b>Multipurpose Room</b>				
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

ion	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

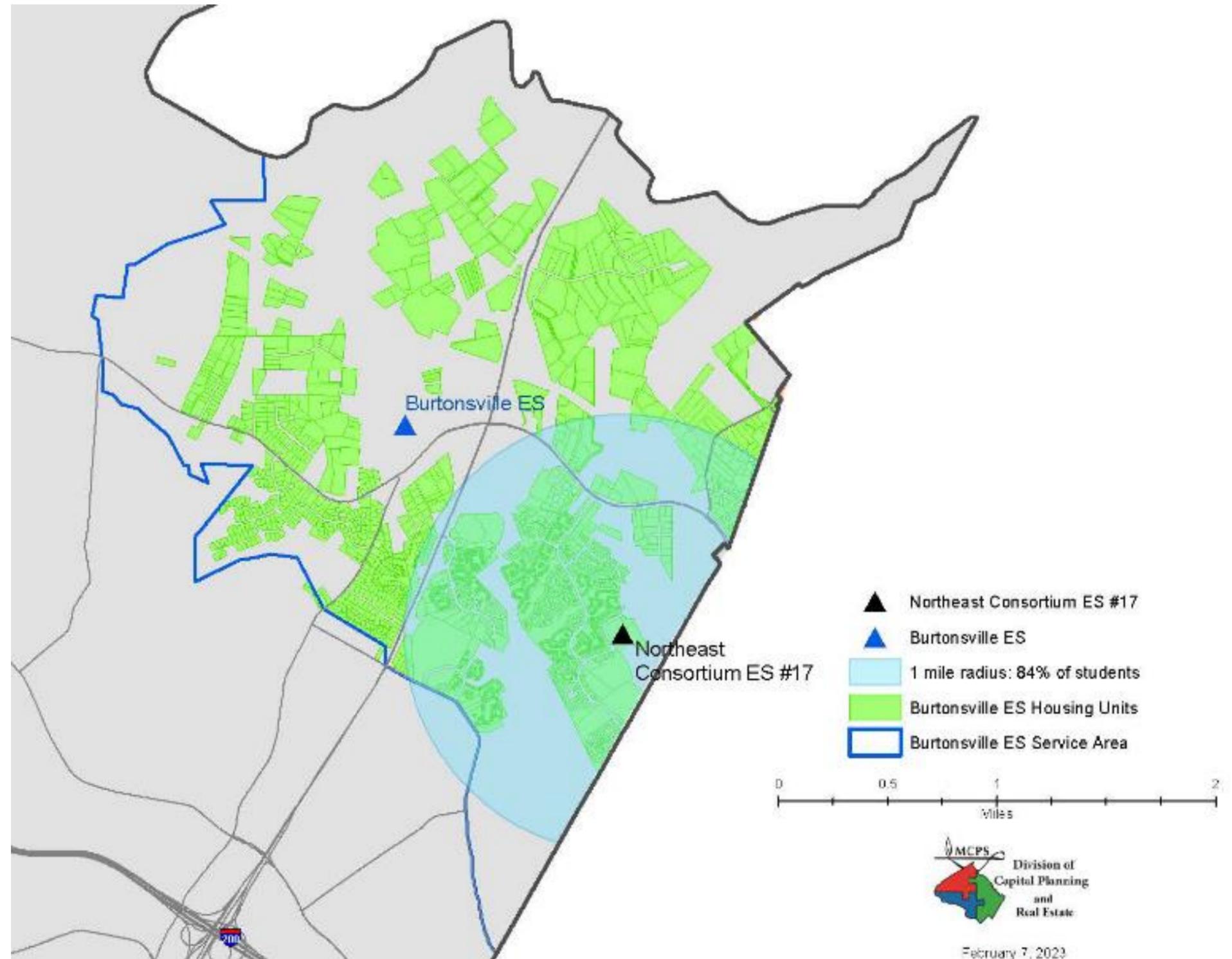
2

Space Summary

ion	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

# BURTONSVILLE ES – NEW COMMUNITY PRESENCE

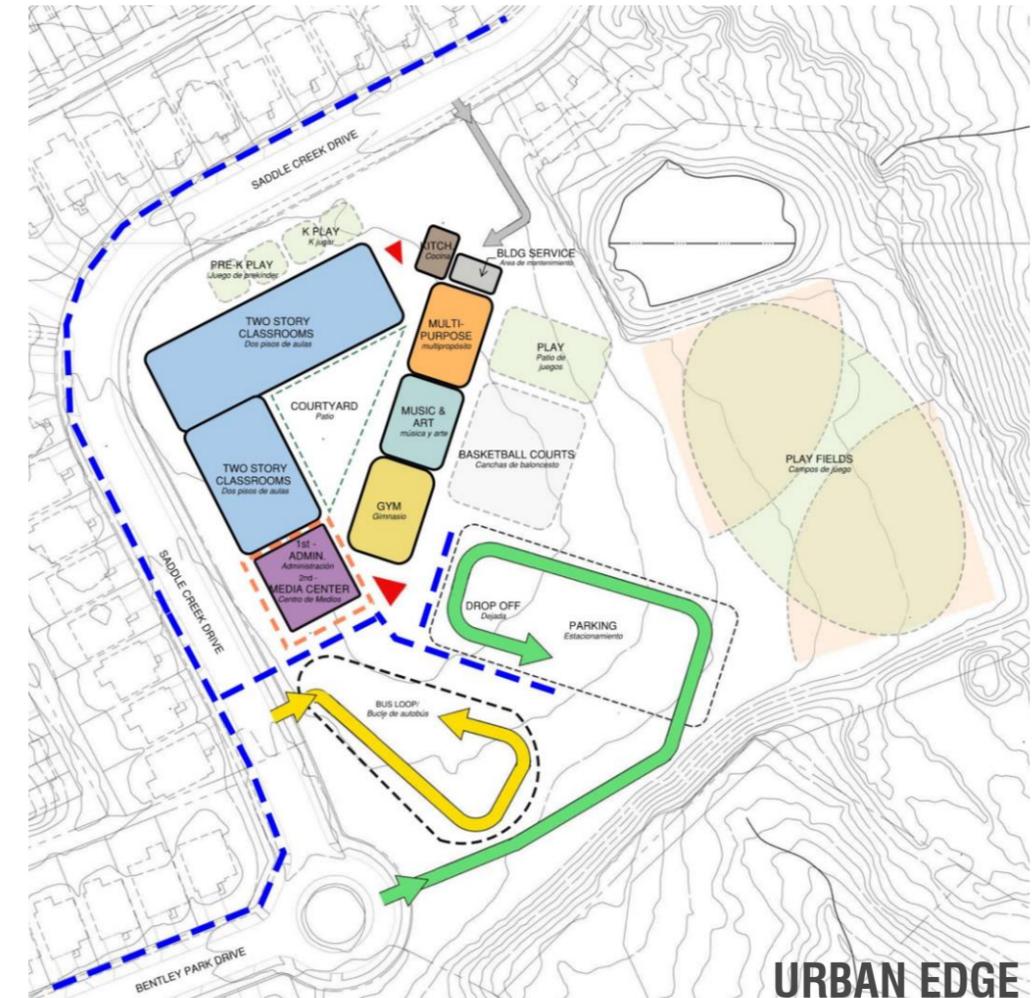
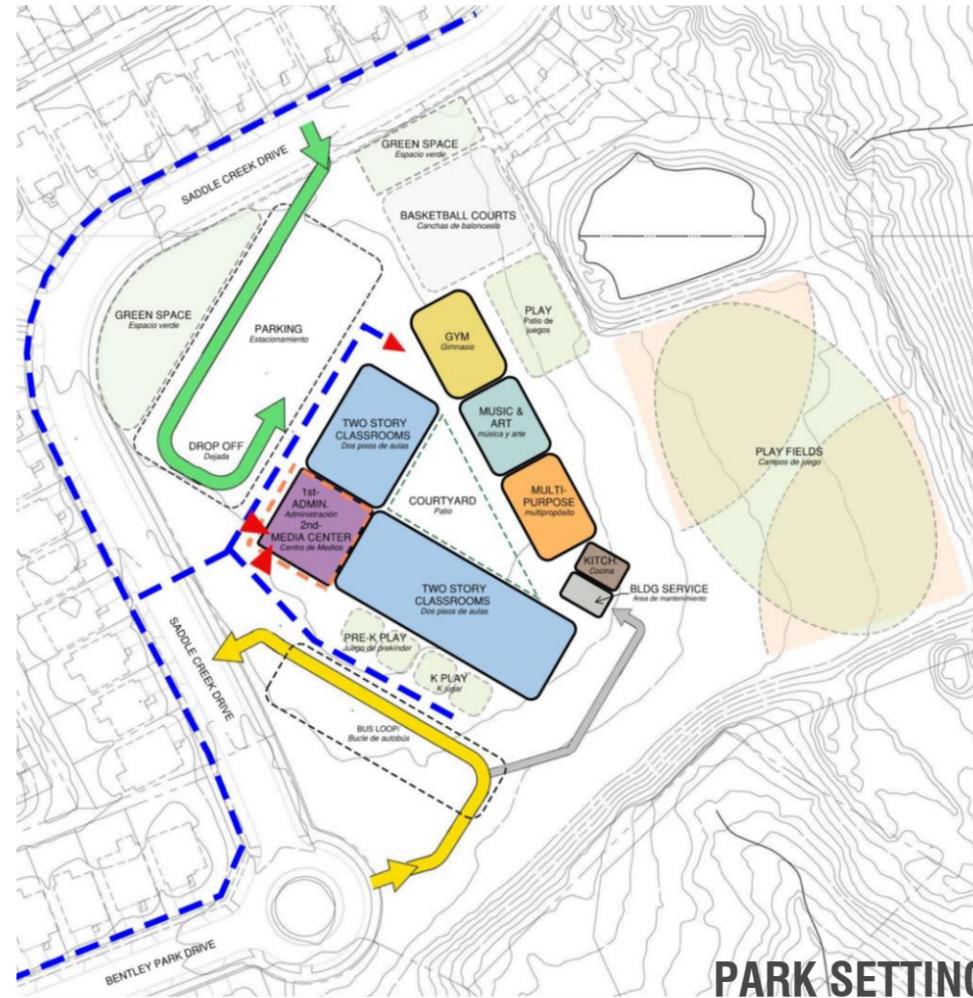
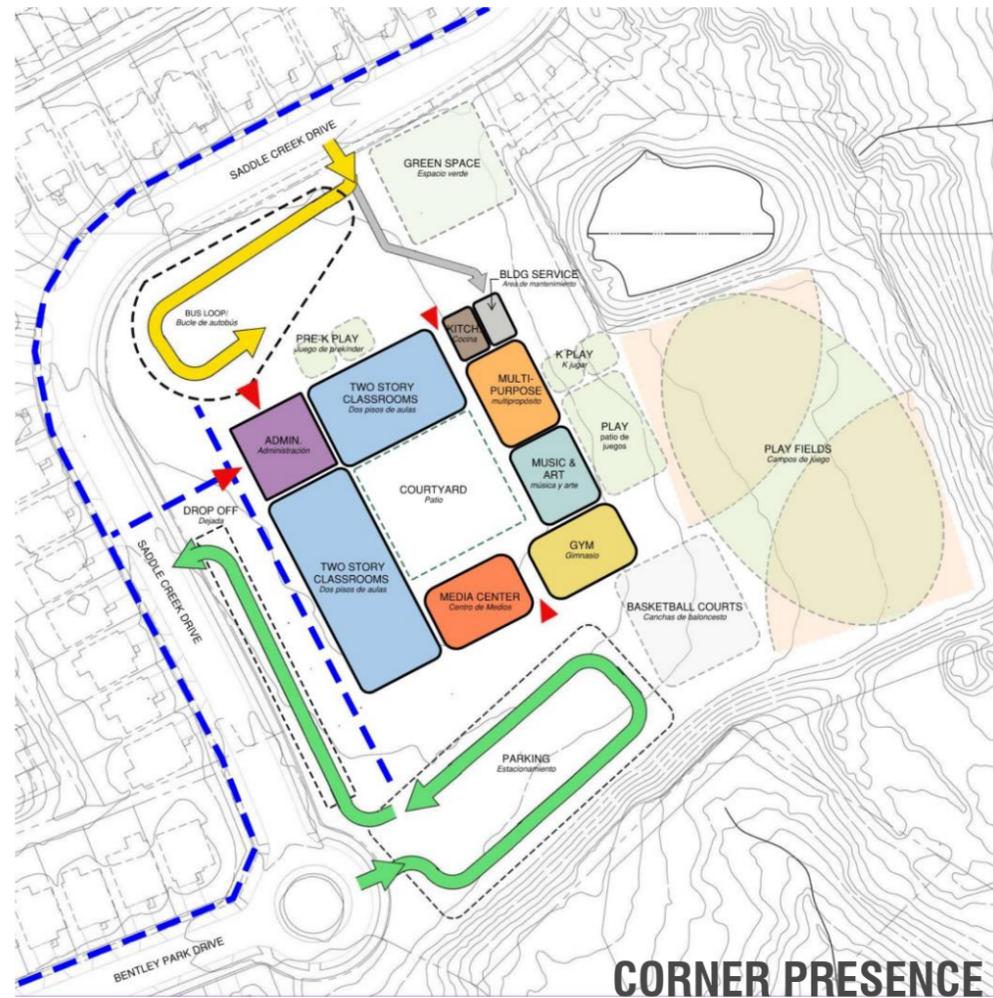
- 1 Mile radius for walkers (to be determined by department of transportation)
- Civic presence in the community
- Significance in community
- Relocation from commercial area to dense residential neighborhood



# BURTONSVILLE ES – NEW SITE



# INITIAL CONCEPT REVIEW (RESUMEN DE OPCIONES INICIALES)



**Design drivers:**  
*Criterio de diseño:*

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

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

**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*



# WHAT WE HEARD – INITIAL CONCEPT FEEDBACK

## Site:

1. Set back the building massing from the street to open visibility and provide a buffer to the community.
2. Building should have a welcoming presence.
3. Separate car and bus traffic to improve safety and congestion (Saddle Creek Dr is not changing or widening).
4. Basketball courts should be set back from the road.
5. Loading dock and service areas should be located away from view from the street and screened.
6. Bus loop can provide after-hours community parking.

## Building:

1. Entry identity should be close, orienting, and prominent from arrival.
2. Media Center can be on the second floor with a prominent civic identity.
3. A secure interior courtyard is preferred and the configuration should maximize outdoor space for teaching and school use.
4. Administrative area should have visual control of student and bus drop off for safety and security.
5. Gym and Multipurpose Room should have direct orienting access and be secured as a civic wing separate from classrooms.

# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

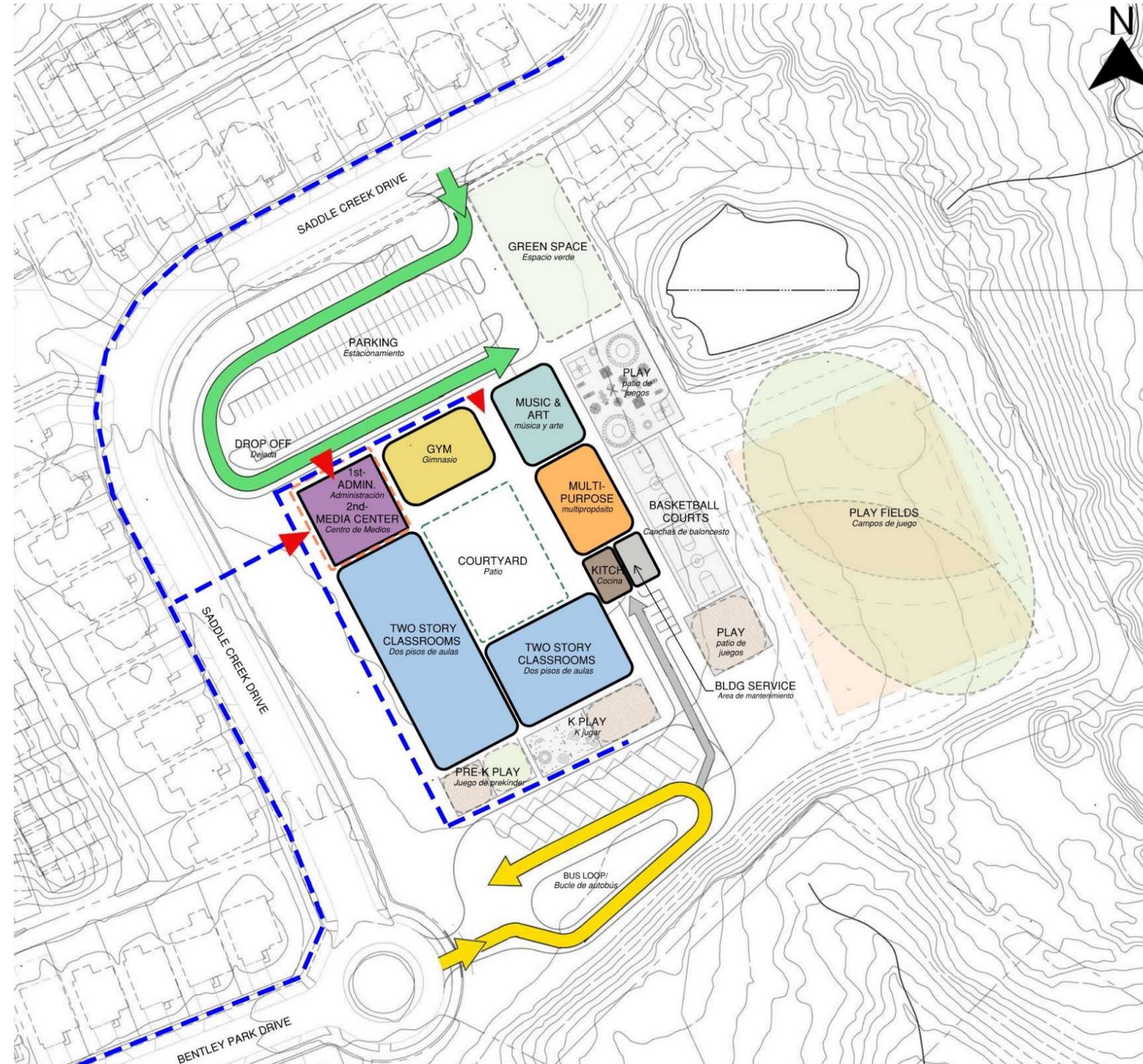
## CORNER PRESENCE (PRESENCIA EN LA ESQUINA)

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

**Burtonsville Elementary**

**MTFA**  
architecture

- Strong visual presence and main entry at the corner  
*Fuerte presencia visual y entrada principal en la esquina*
- 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*



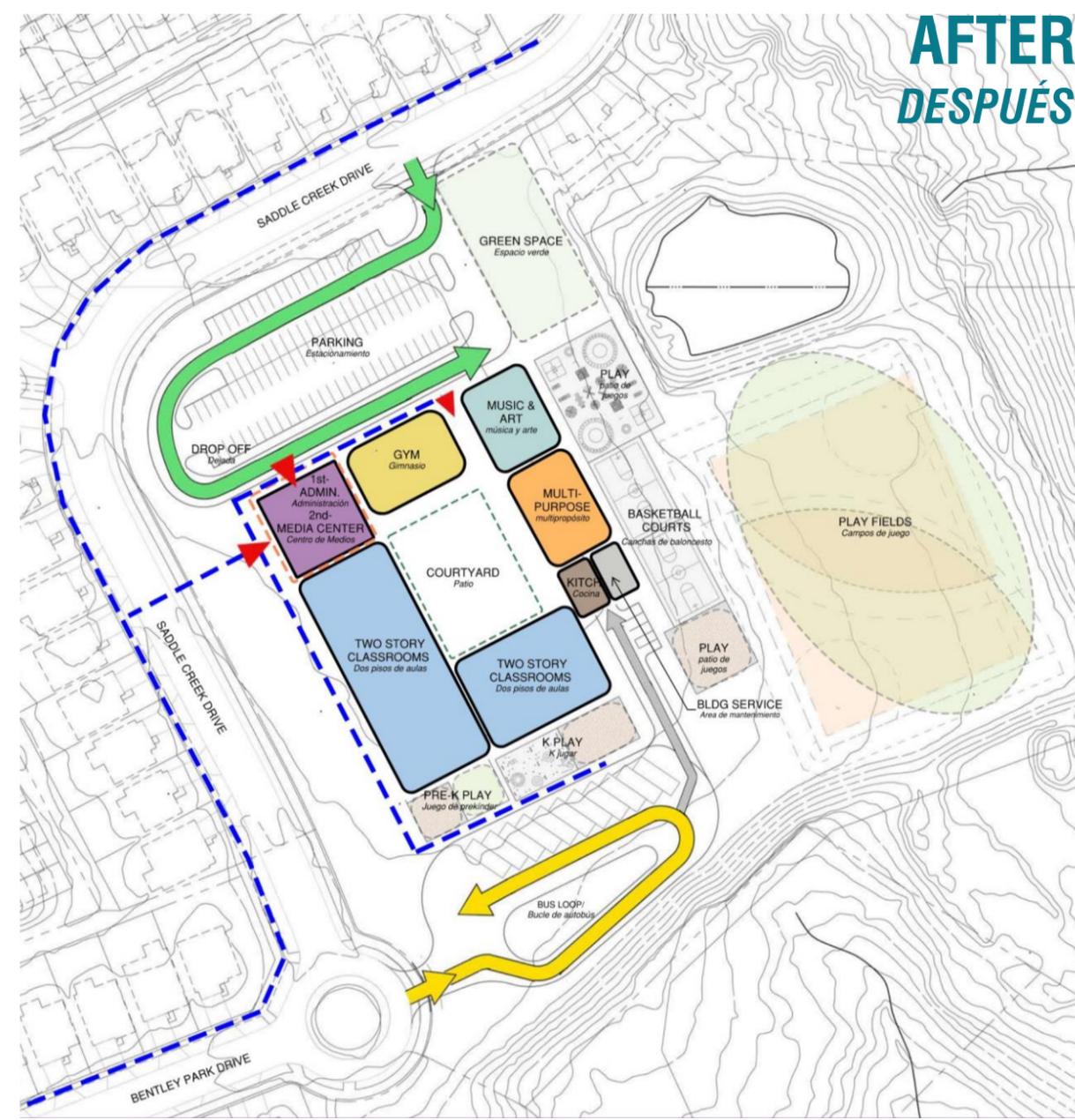
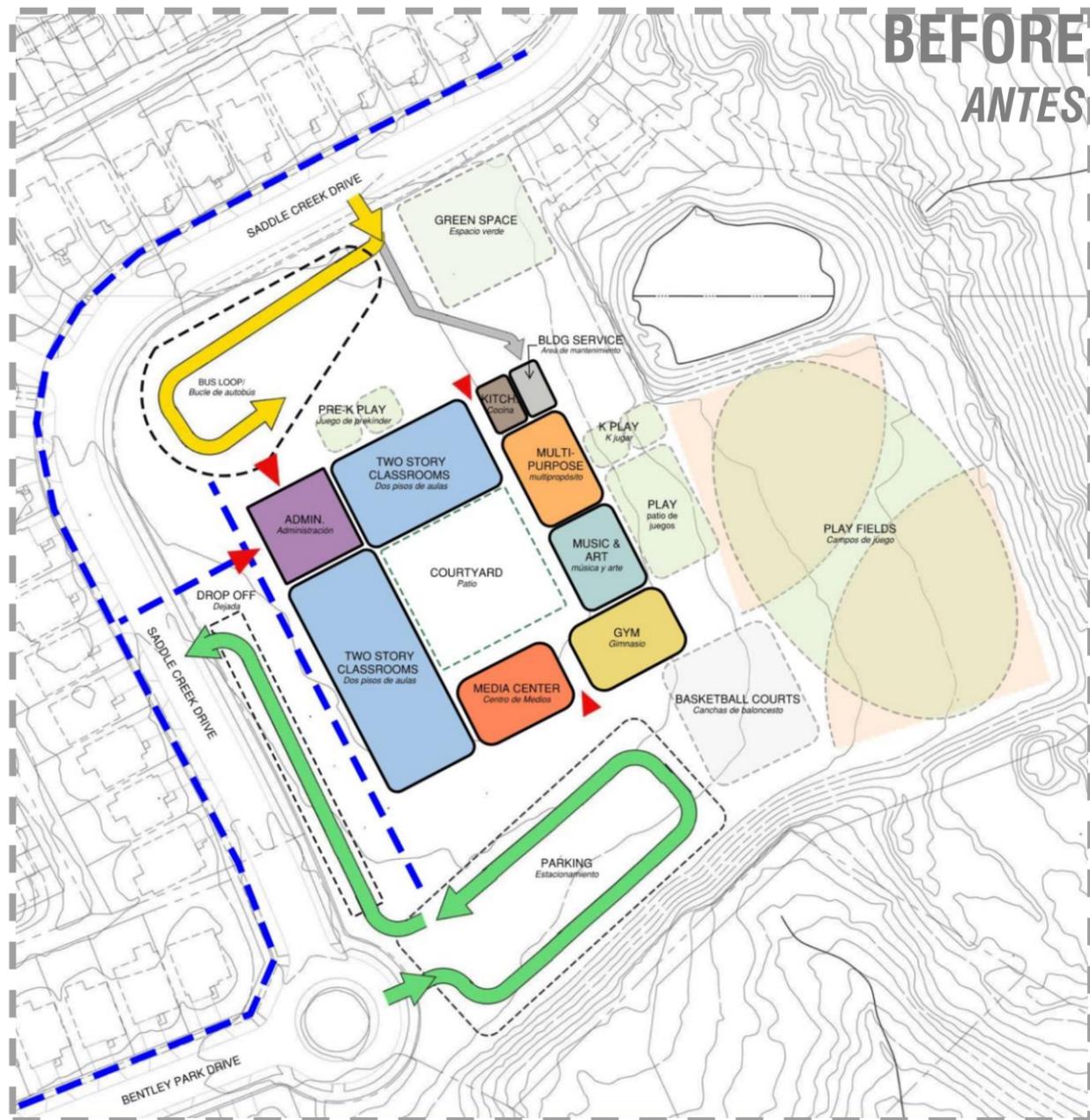
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	BUS ROUTE <i>Ruta Del Autobus</i>
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	CAR ROUTE <i>Ruta en Auto</i>
	PEDESTRIAN ROUTE <i>Ruta Peatonal</i>
	PROMINENT ENTRANCES <i>Entradas prominentes</i>

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	KITCHEN <i>Cocina</i>
	BUILDING SERVICES <i>Area de mantenimiento</i>

# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO): CORNER PRESENCE (PRESENCIA EN LA ESQUINA)



## Refinements from previous version:

*Refinamientos de la versión anterior:*

- Flipped and refined bus and parking circulation  
*El área de Autobús y estacionamiento se cambiaron y refinaron*
- Pushed the building back from street  
*El edificio se movió hacia atrás en relación a la calle*
- Moved media center upstairs and tightened footprint on site  
*Se movió el centro de medios arriba y se ajustó el espacio en el sitio*
- Shifted basketball courts away from street view  
*Se movieron las canchas de baloncesto lejos de la vista de la calle*
- Flipped loading away from main approach  
*El área de mantenimiento fue movida fuera de la entrada principal*

# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

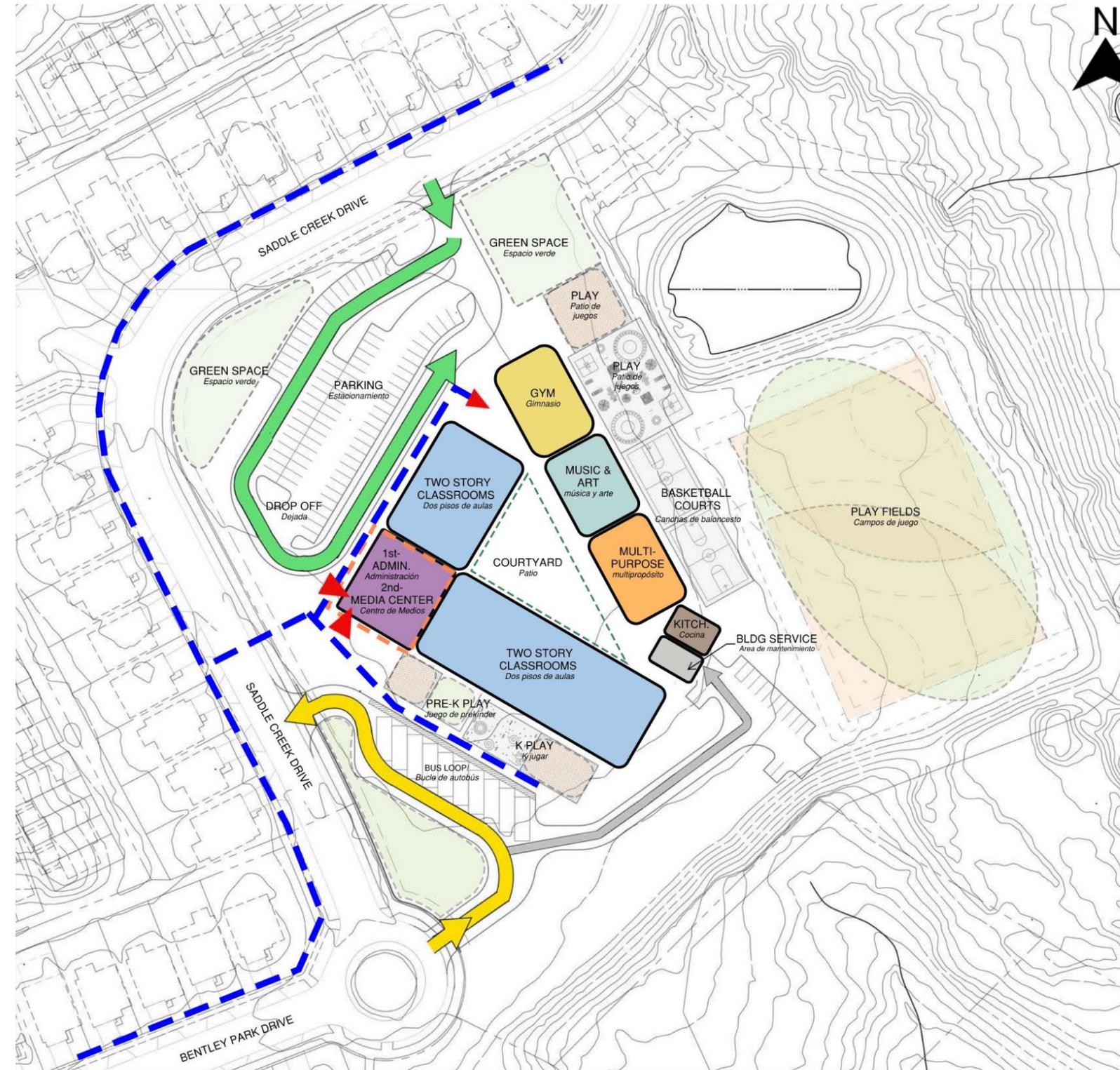
## PARK SETTING (COMO UN PARQUE)

Maryland's Largest School District  
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Expanding Opportunity and Unleashing Potential

**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*



### CIRCULATION SYMBOLS LEGEND/ LEYENDA DE SÍMBOLOS DE CIRCULACIÓN:

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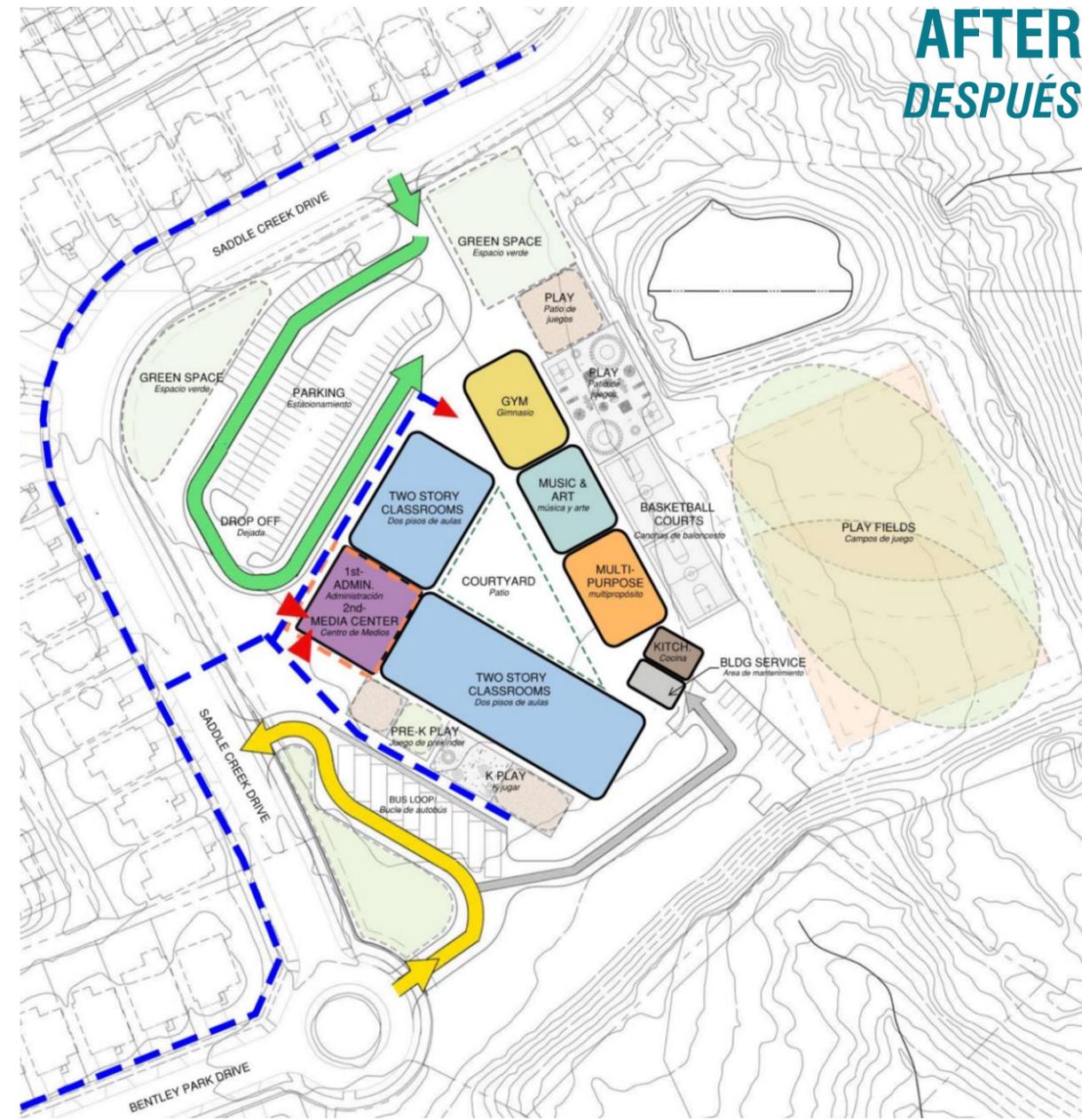
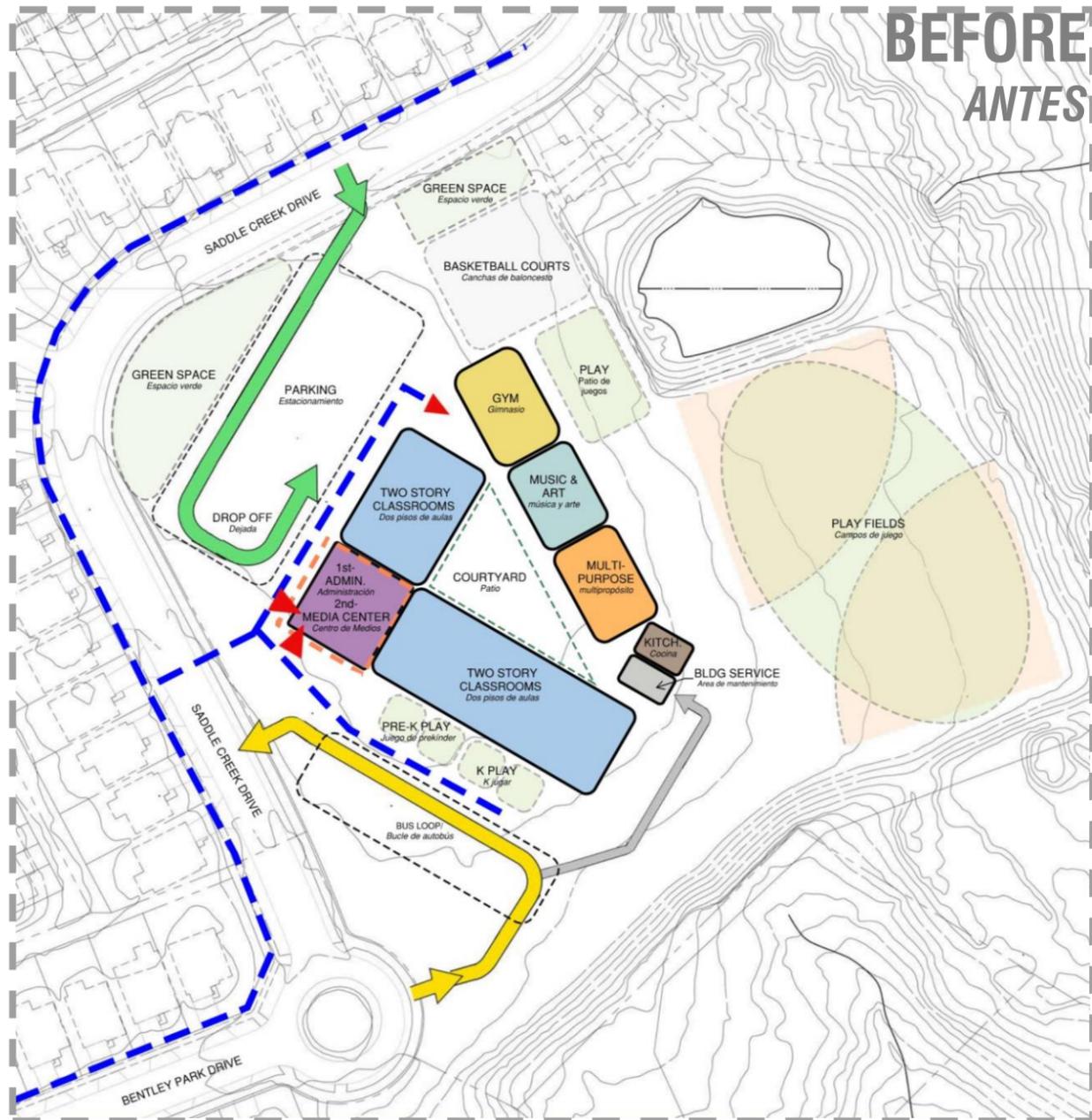
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architecture



### Refinements from previous version:

*Refinamientos de la versión anterior:*

- Refined bus and parking circulation  
*El área de autobús y estacionamiento se refinaron*
- Added green space buffer at bus loop  
*Se agregó espacio verde en el bucle del autobús*
- Moved basketball courts away from street  
*Se movieron las canchas de baloncesto desplazadas lejos de la calle*

# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

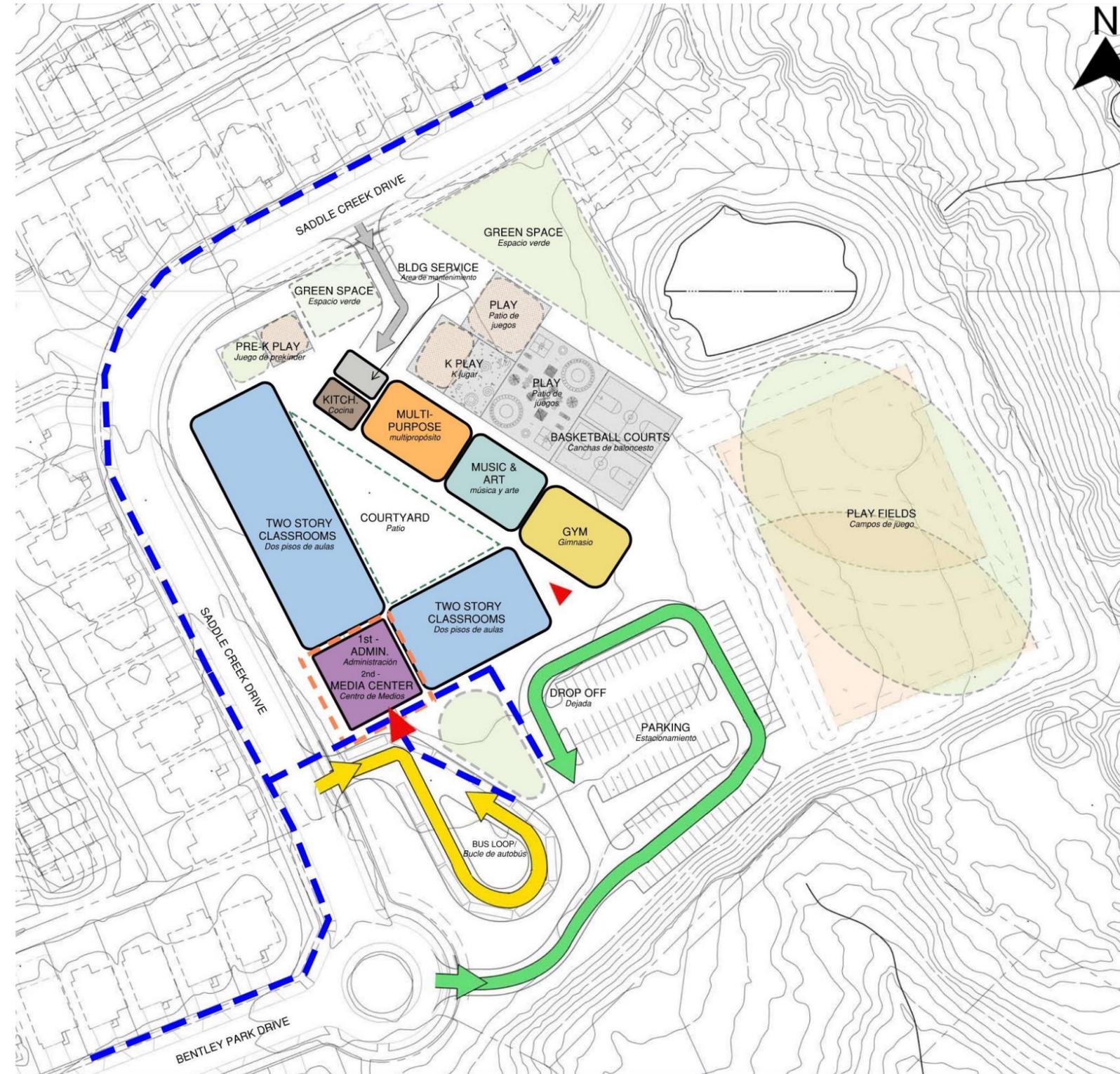
## URBAN EDGE (BORDE URBANO)

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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*
- 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*



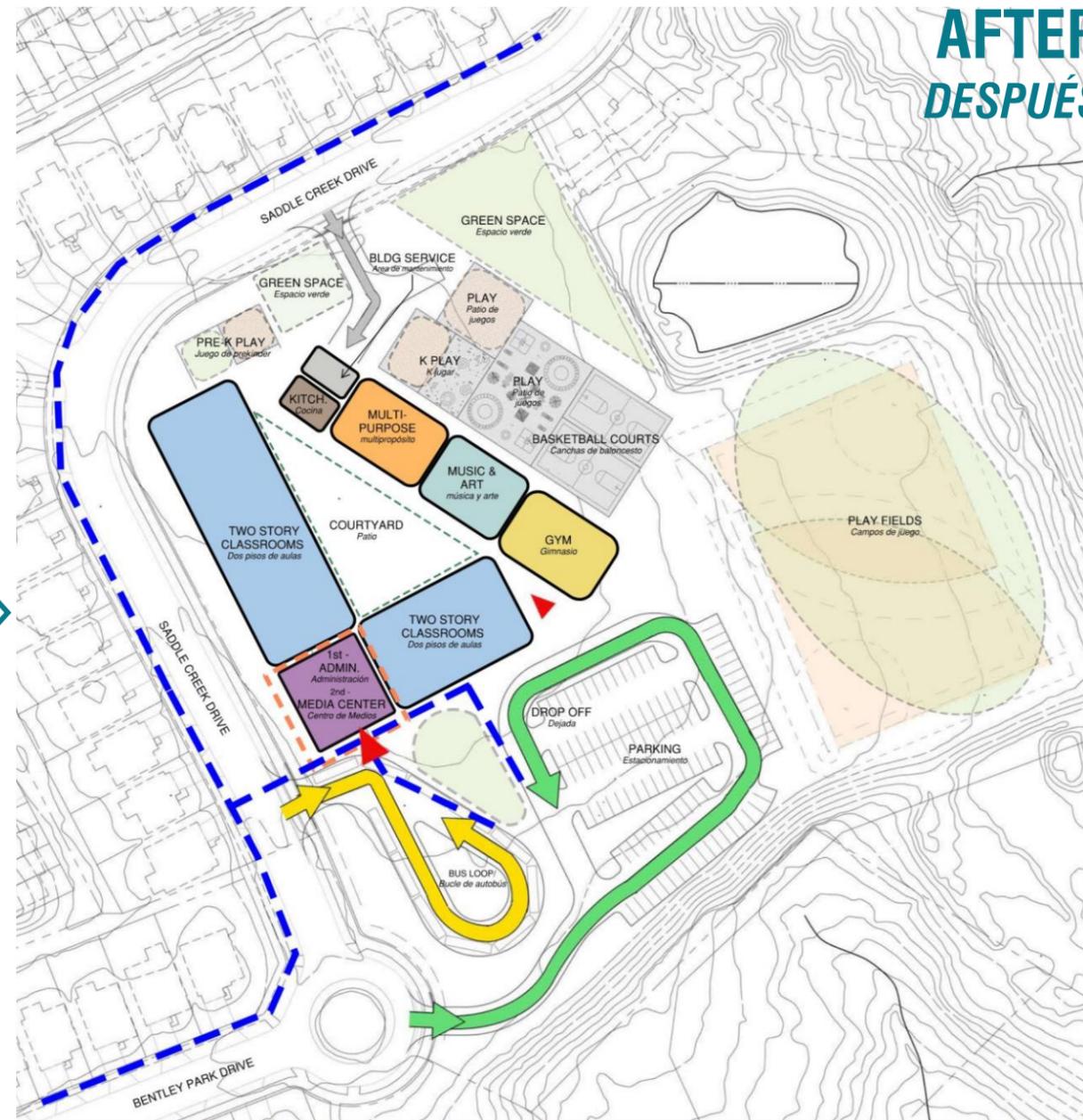
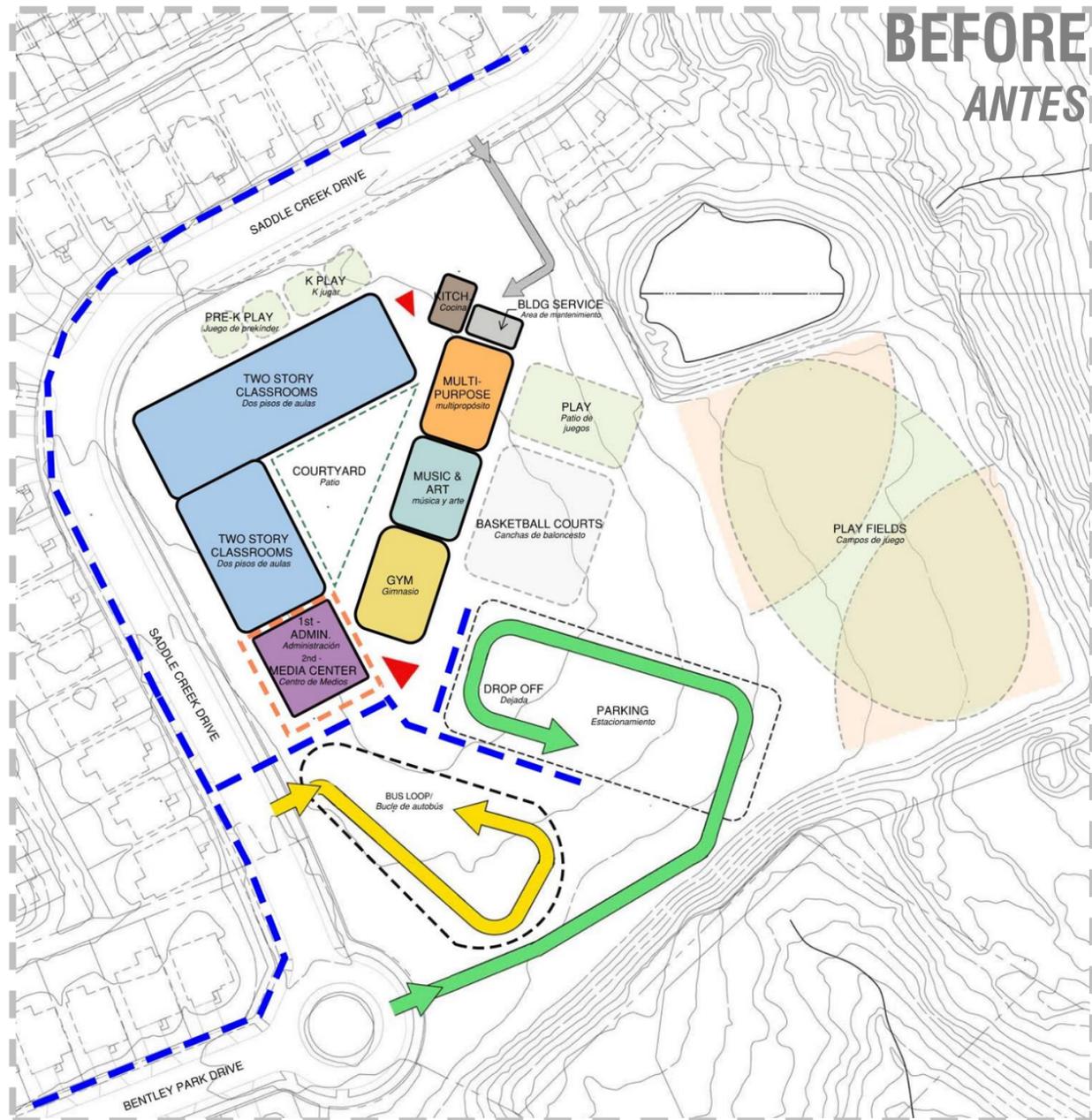
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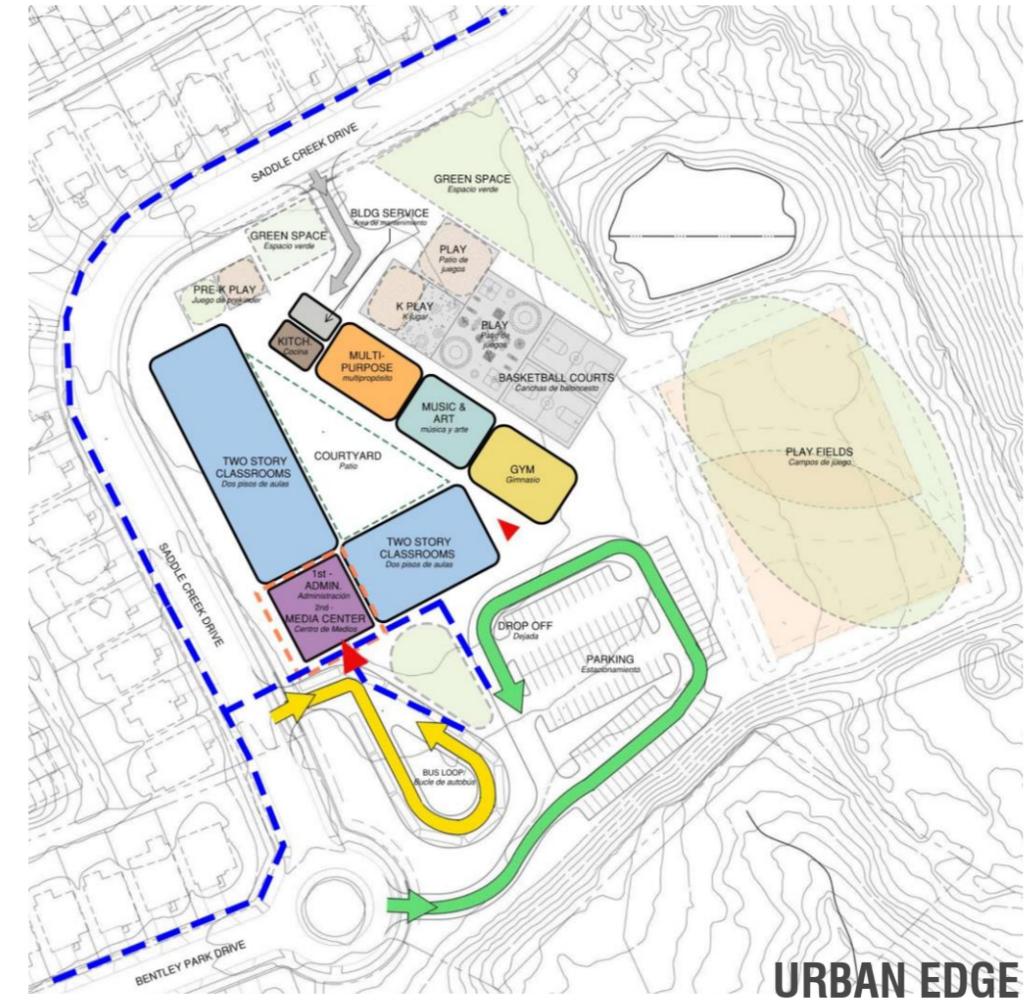
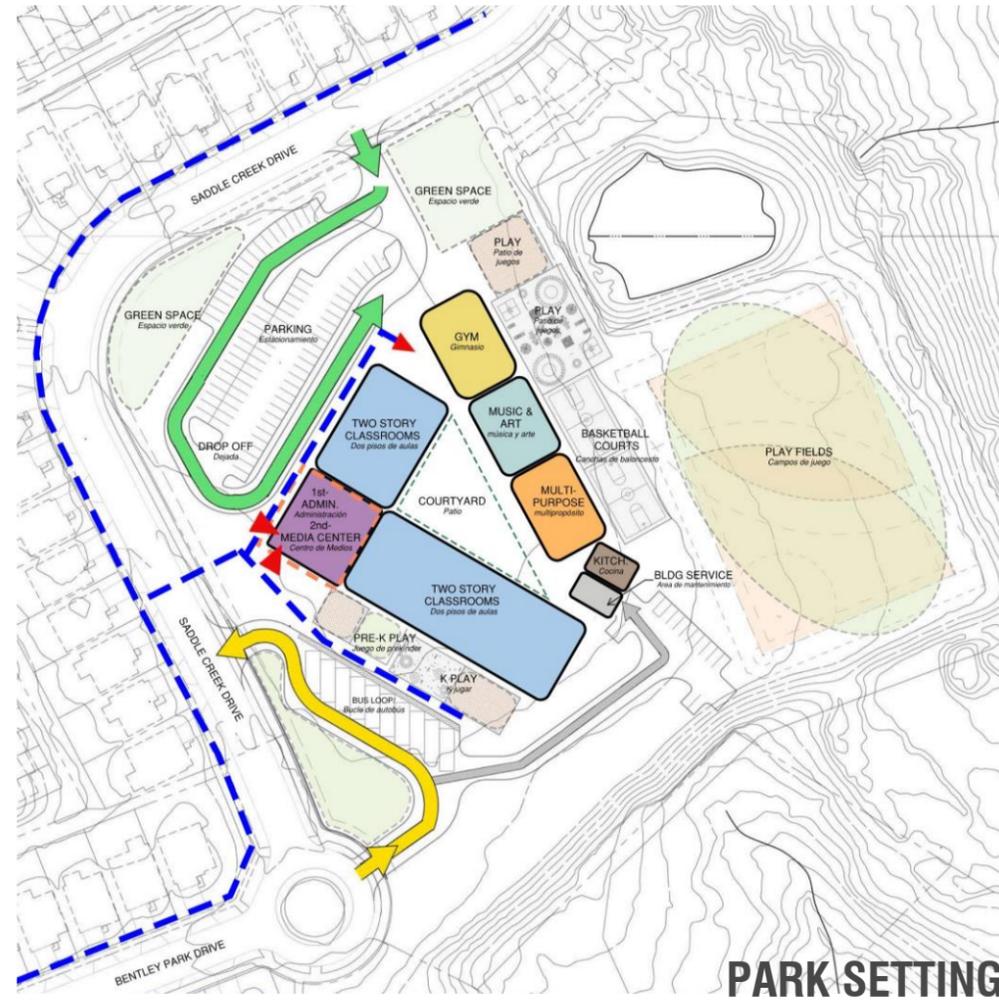
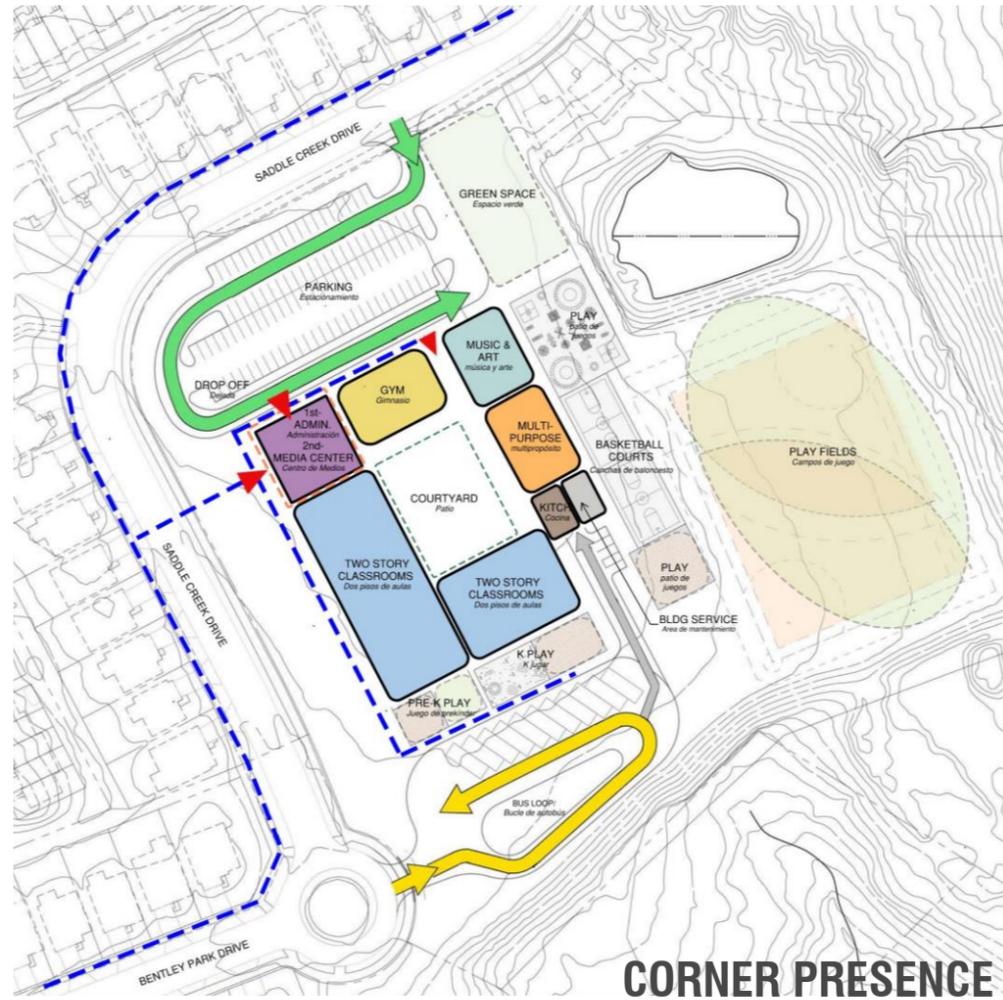


## Refinements from previous version:

*Refinamientos de la versión anterior:*

- Rotated footprint to avoid sense of turned back  
*Se giro el edificio para evitar la sensación de vuelta atrás*
- Refined bus and parking circulation  
*El área de autobús y estacionamiento se refinaron*
- Added plaza at entry to reduce vehicle congestion  
*Se agregó una plaza en la entrada para reducir la congestión vehicular*
- Opened up site visibility toward play fields  
*Se abrió la visibilidad del sitio hacia los campos de juego*
- Added buffer and screening for loading and service areas  
*Se agregaron controles visuales para la área de mantenimiento*

# OPTION OVERVIEW (RESUMEN DE OPCIONES)



**Design drivers:**  
*Criterio de diseño:*

- Site safety and visibility  
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*Ruta Peatonal*
- PROMINENT ENTRANCES  
*Entradas prominentes*



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

### **Work Session #3**

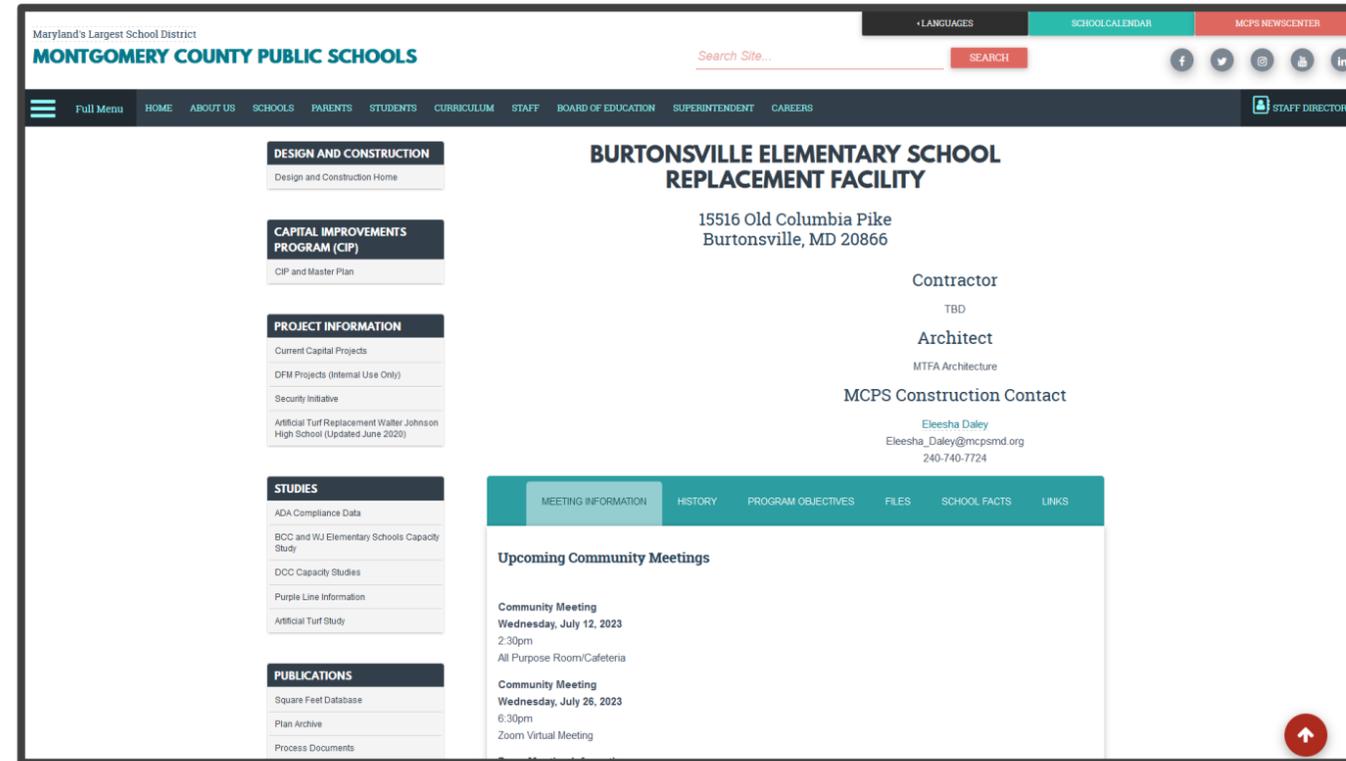
August 9 at 6:30pm

Meeting Location: Zoom video conference call



## BURTONSVILLE PROJECT SPECIFIC WEBSITE:

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



## PROJECT CONTACT:

**Eleesha Daley**  
MCPS Project Manager  
Eleesha\_Daley@mcpsmd.org  
240-740-7724

