

# BURTONSVILLE ELEMENTARY SCHOOL

## WORK SESSION #3

AUGUST 9, 2023

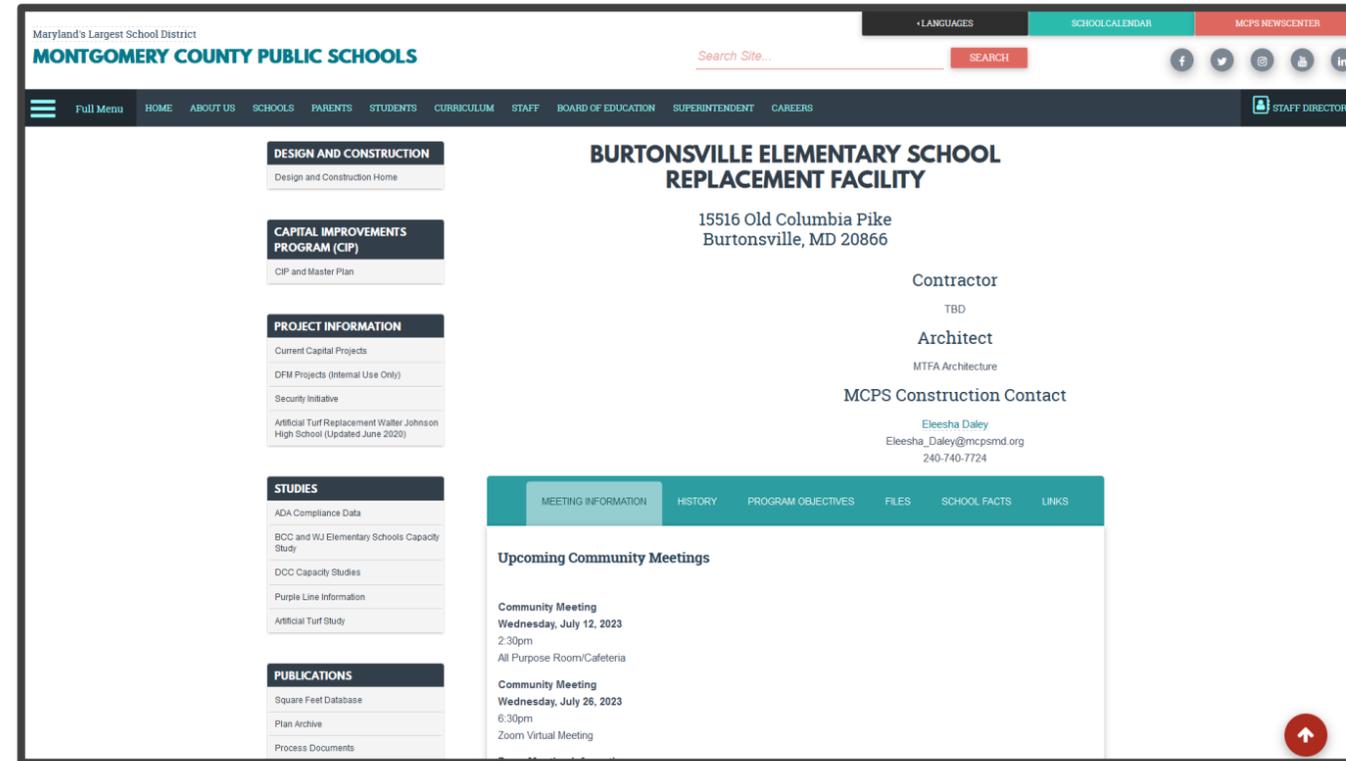


1. This meeting is being recorded. 「●REC」
2. Spanish interpreting services are available in a breakout room if needed.
3. Remain muted unless invited to speak – video is optional.
4. Sign in through the chat function. Provide the following information:
  - a. Full name
  - b. Email address
  - c. Affiliation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

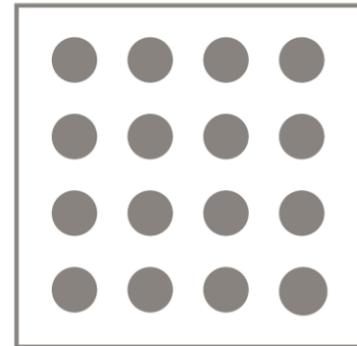


# TEAM INTRODUCTIONS

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

Space Summary

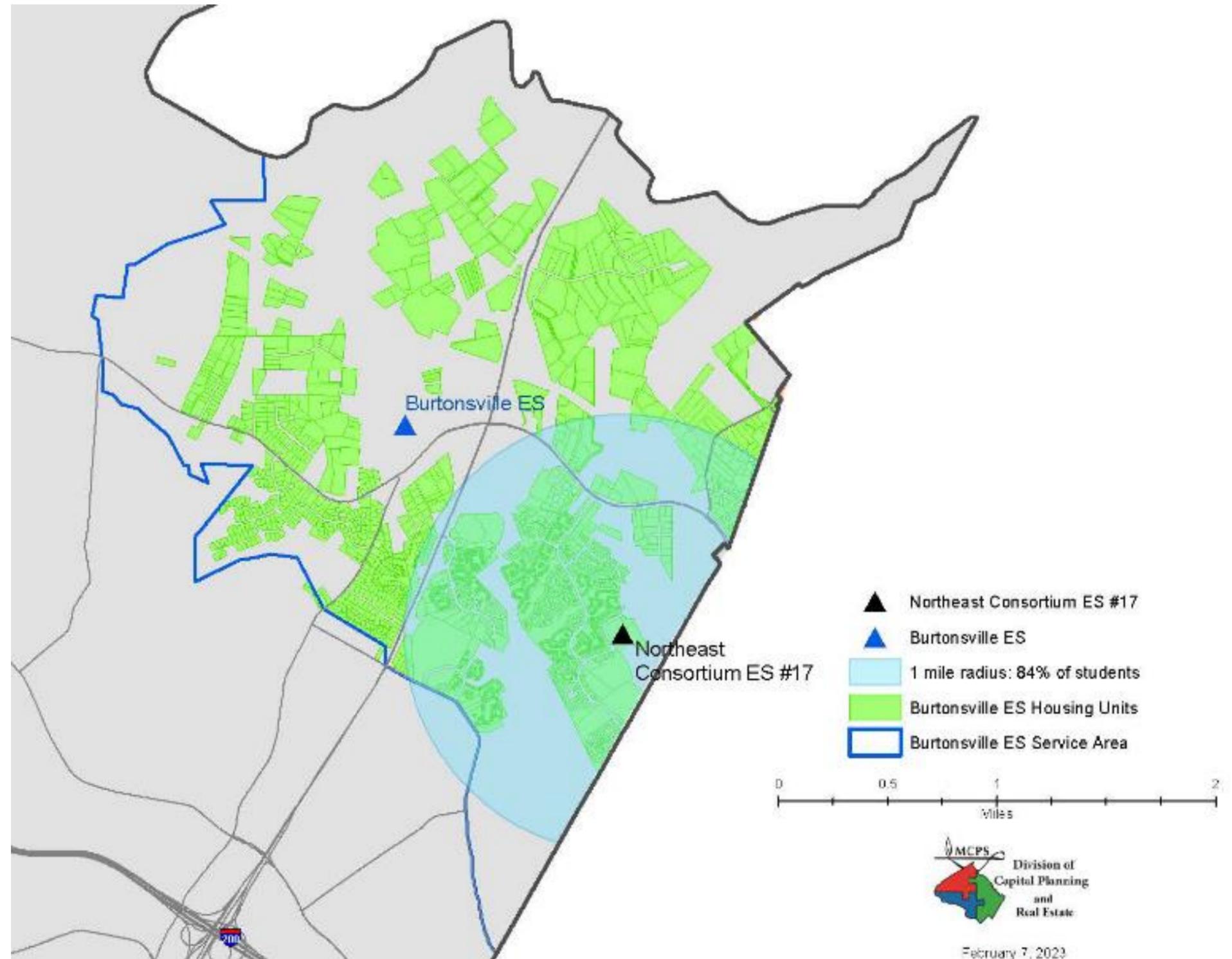
ion	Net Sq. Ft.	Total Net Sq. Ft.
	300	300
	155	155
	192	192
	100	100
	70	70
	555	555
	500	500
	340	340
	250	250
	125	125
	275	275
	100	100
	75	75
	50	50
	75	75
	175	350
	100	100
	100	100
	400	400
	100	100
	120	120
	100	100
	100	100
	200	200
	50	50
	40	40
	700	700
	50	100

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

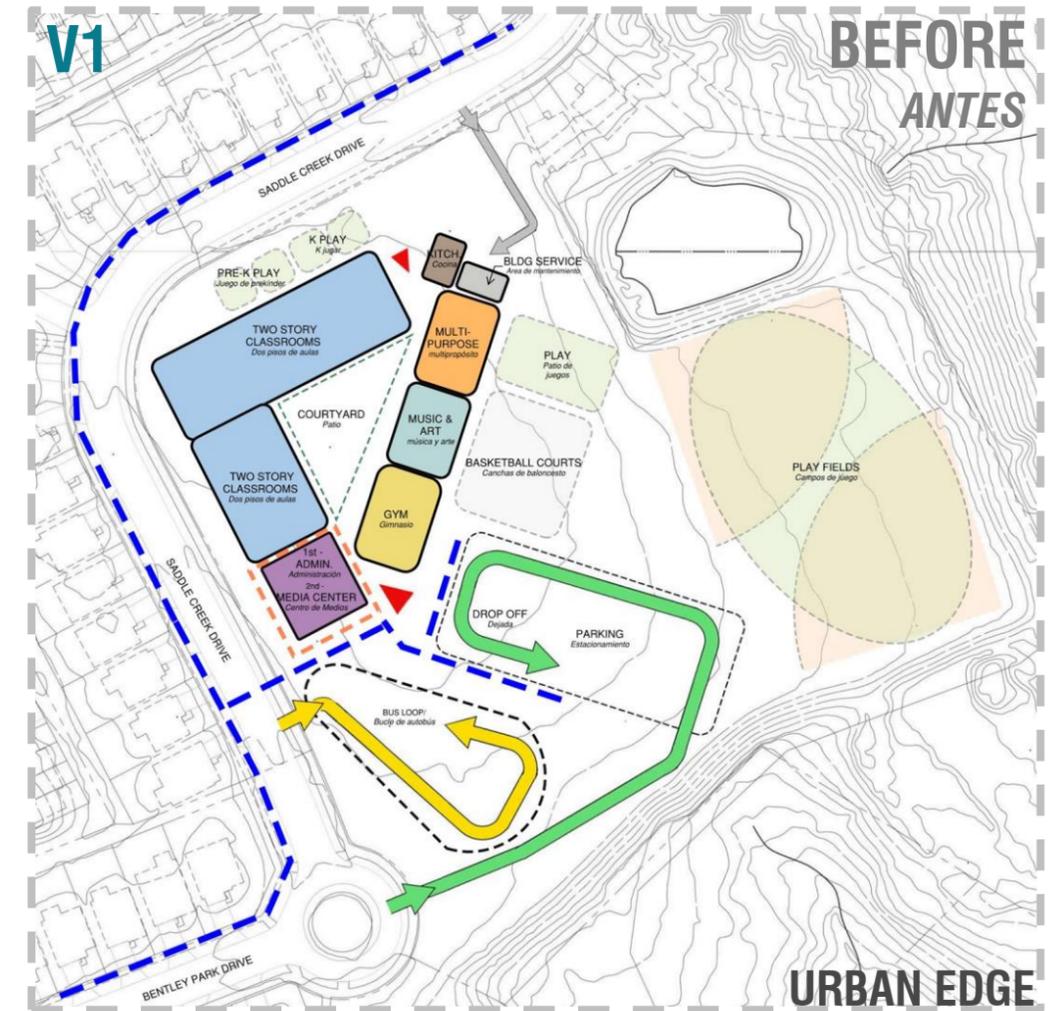
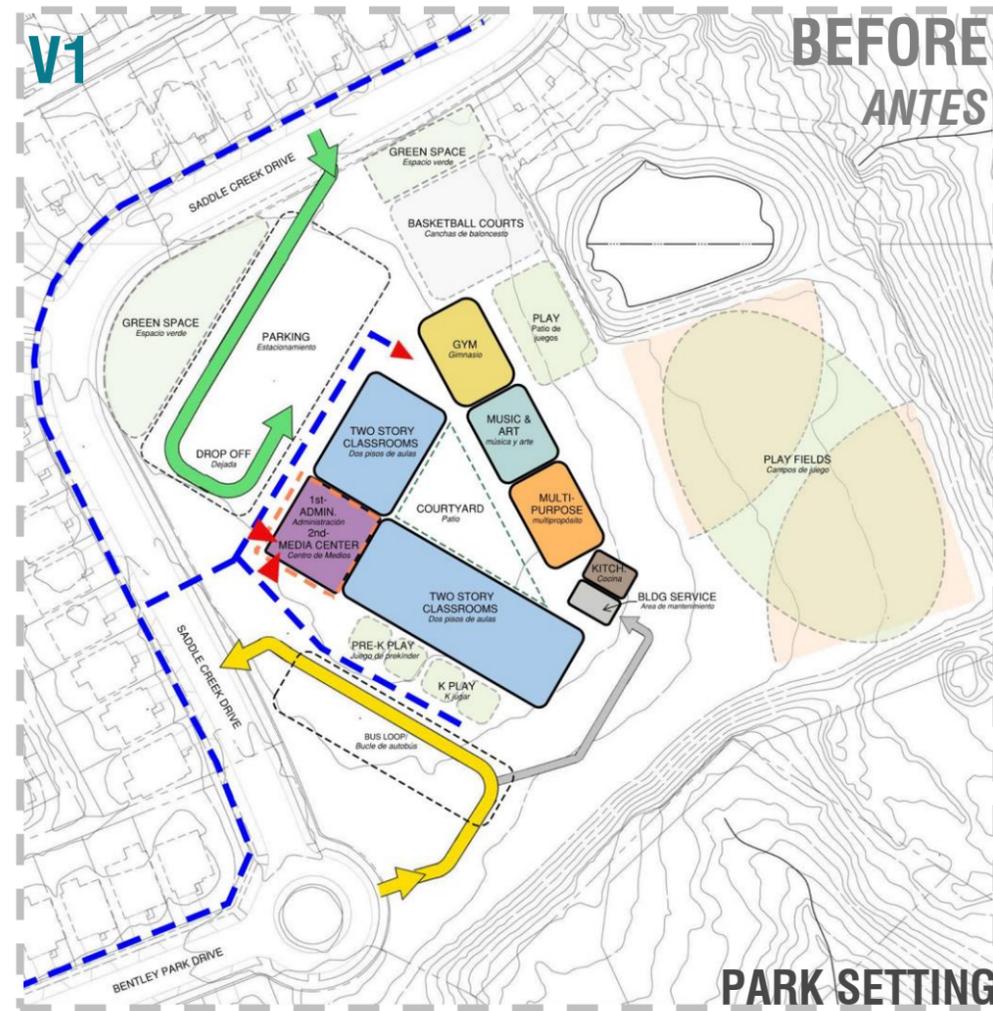
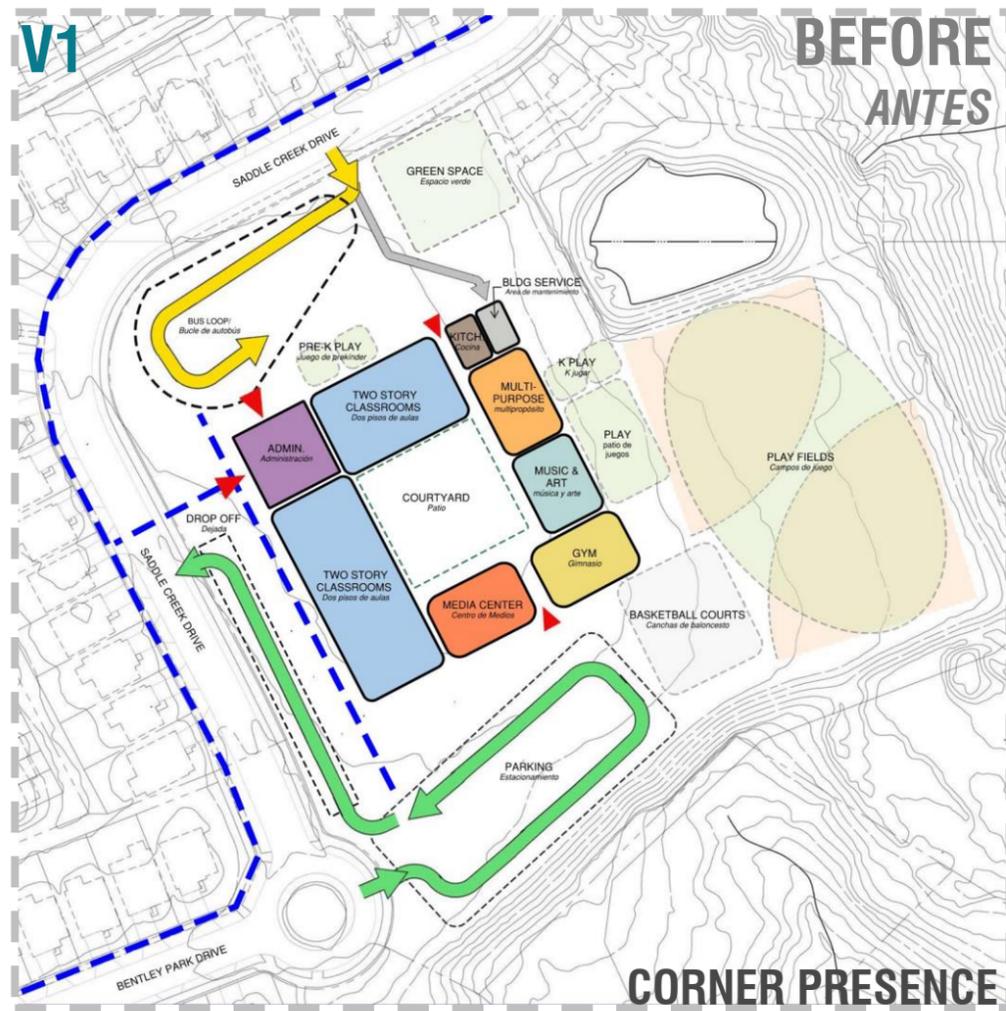
# BURTONSVILLE ES – NEW COMMUNITY PRESENCE

- 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





**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*

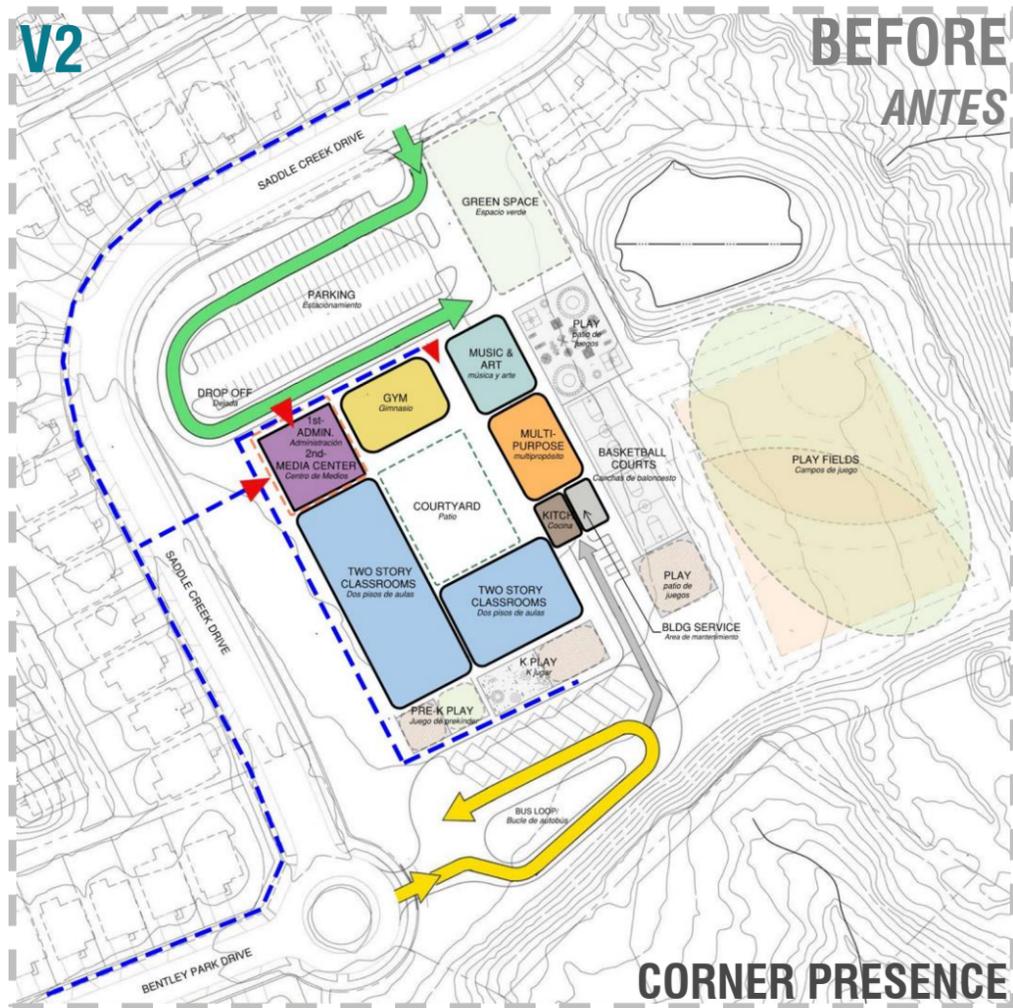


Site:

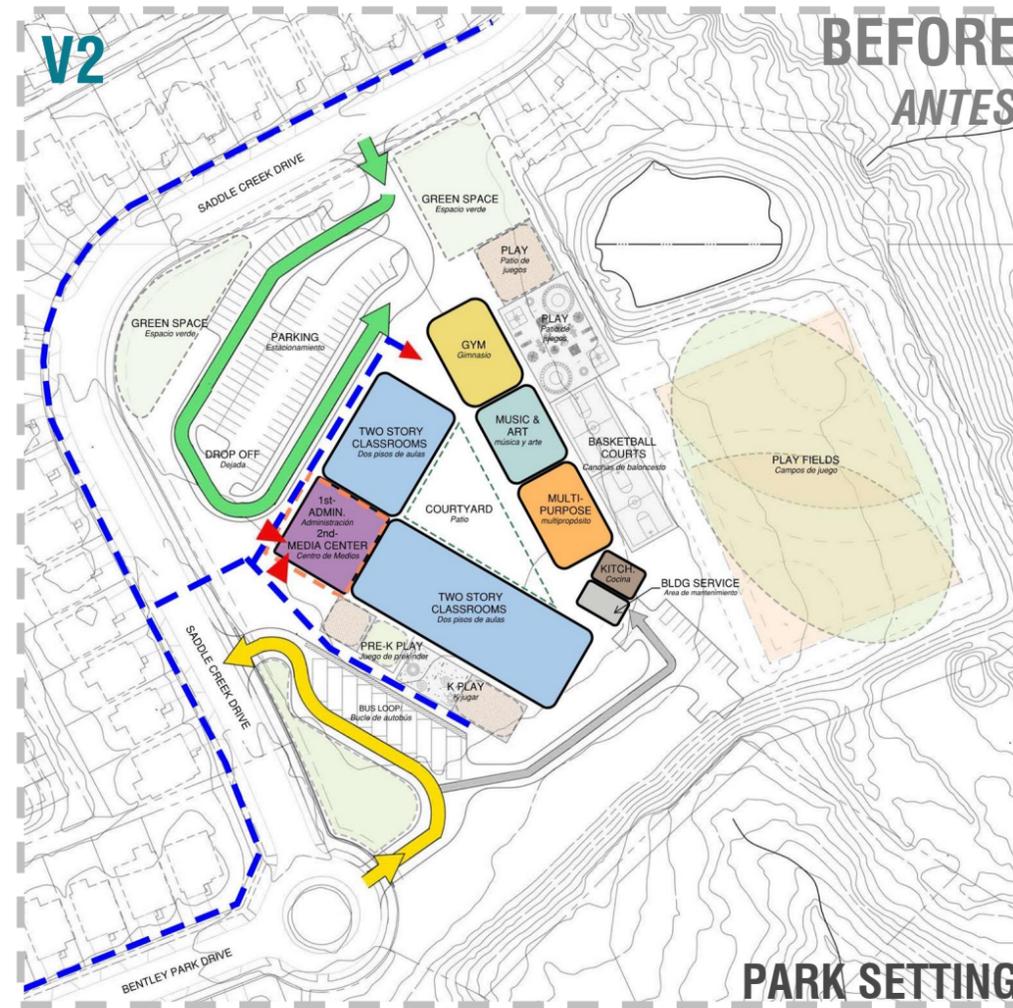
1. Set back the building massing from the street to open visibility and provide a buffer to the community.
2. Building should have a welcoming presence.
3. Separate car and bus traffic to improve safety and congestion (Saddle Creek Dr is not changing or widening).
4. Basketball courts should be set back 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:

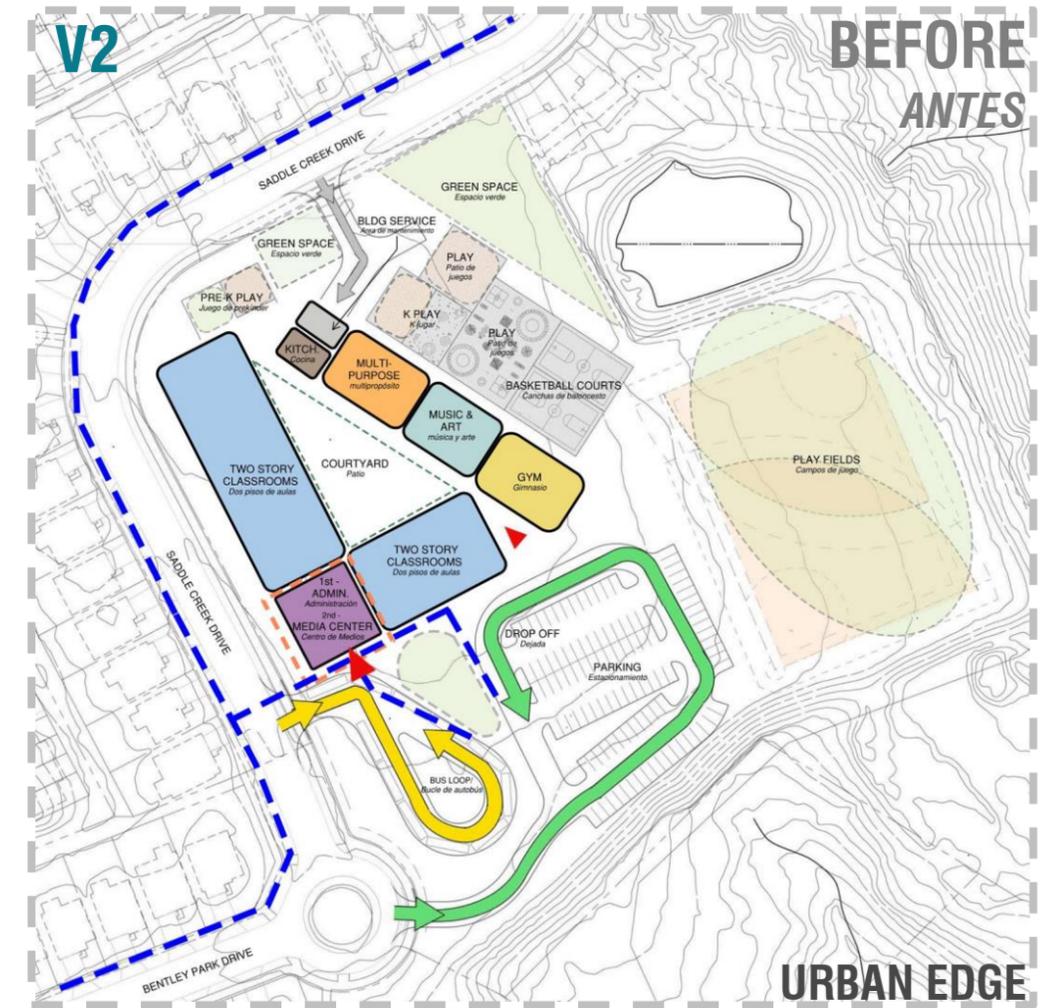
1. Entry identity should be close, orienting, and prominent from arrival.
2. Media Center can be on the second floor with a prominent civic identity.
3. A secure interior courtyard is preferred and the configuration should maximize outdoor space for teaching and school use.
4. Administrative area should 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.



**CORNER PRESENCE**



**PARK SETTING**



**URBAN EDGE**

**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  
*Multifuncional y Escenario*
- PHYSICAL EDUCATION  
*Educación Física*
- KITCHEN  
*Cocina*
- BUILDING SERVICES  
*Área 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 – REVISED CONCEPT FEEDBACK

## Site:

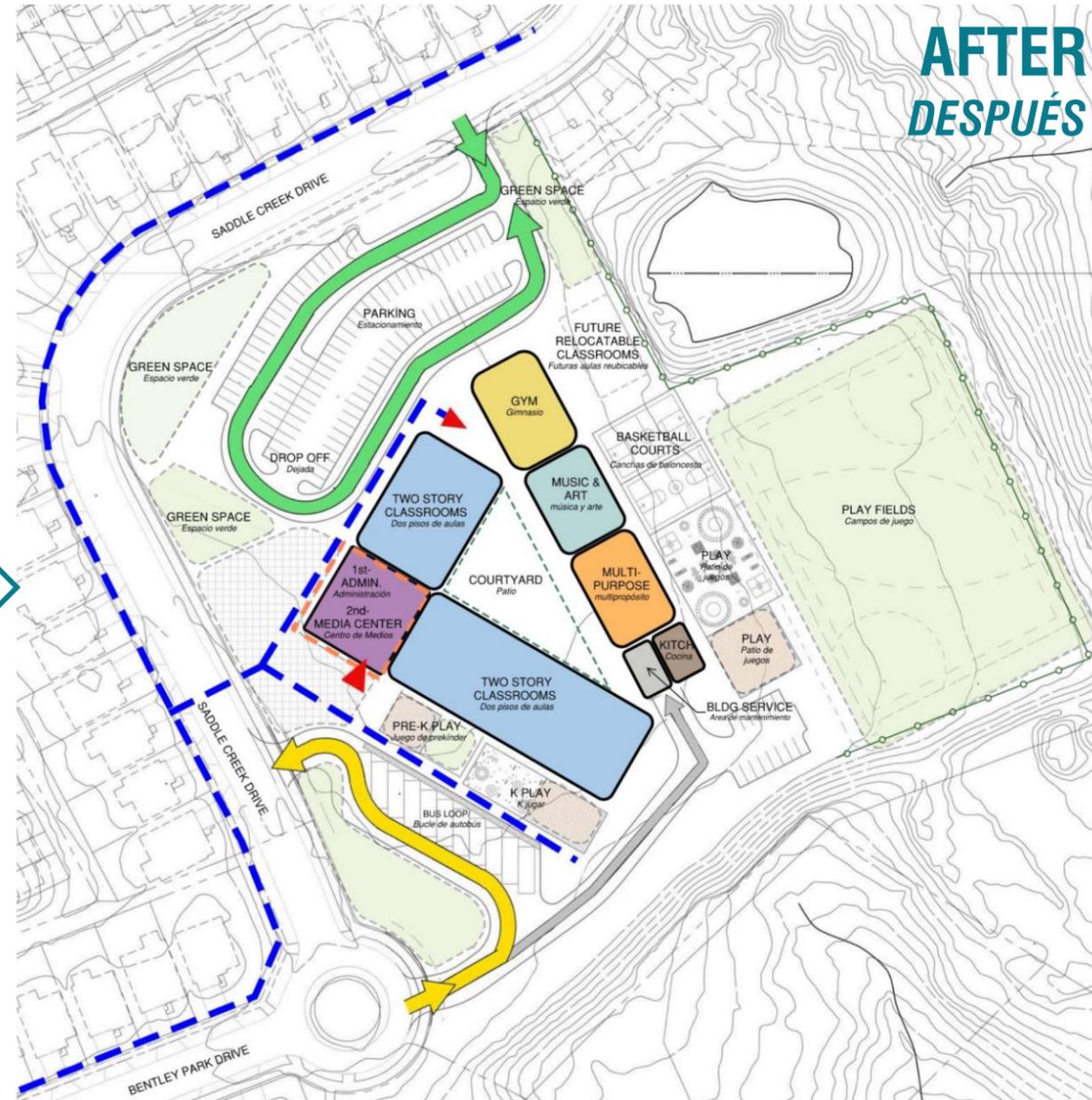
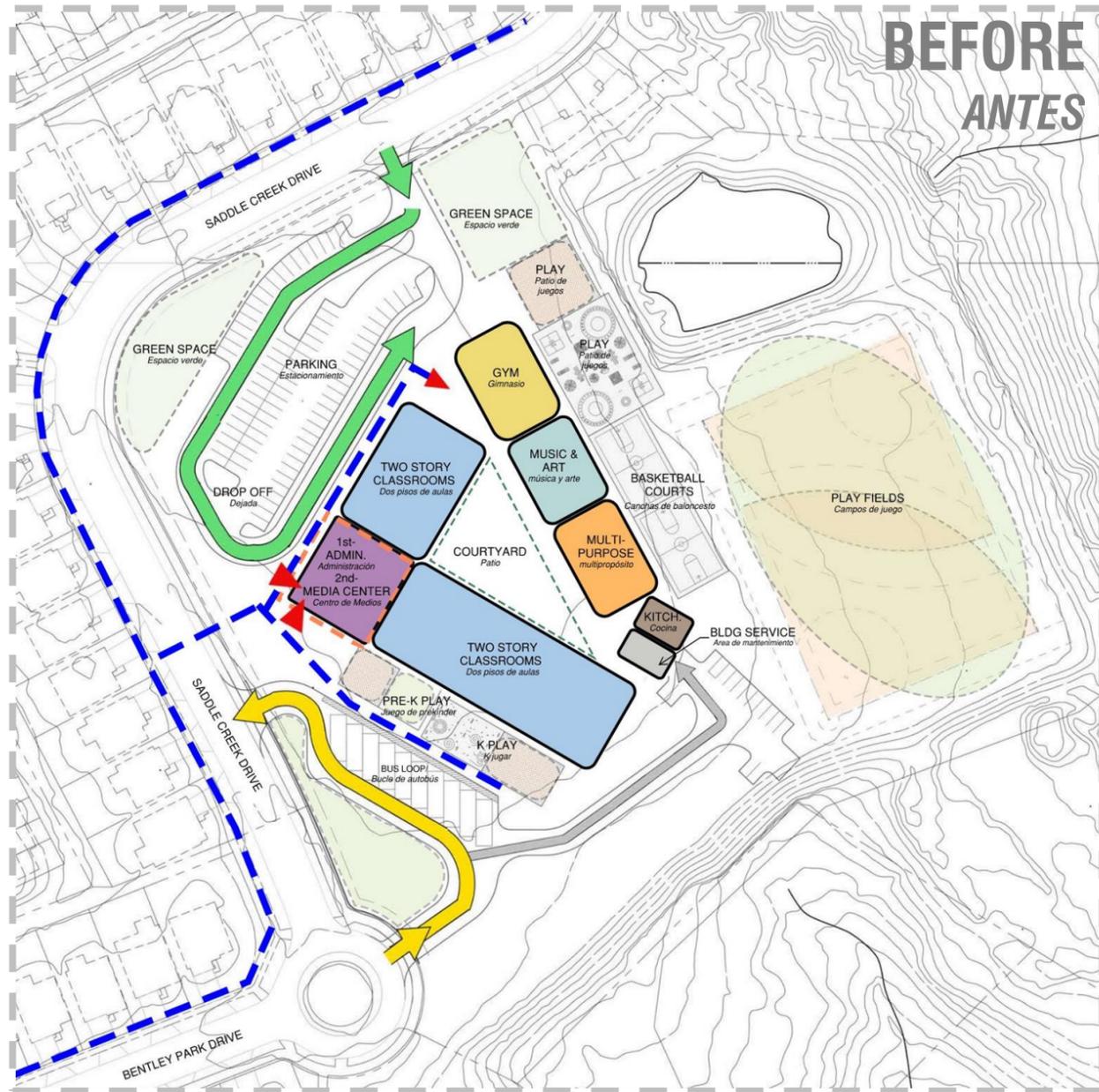
1. Evaluate the set back of building massing from the street to open visibility and provide a buffer to the community.
2. Shift parking back from the corner to open up space and visibility to the building.
3. Limit the amount of hard surface/parking between the school and the street to provide stronger street presence.
4. Maximize the play areas and open space toward the interior of the site.
5. Consider perimeter fencing where necessary for safety and security.
6. Traffic calming measures should be considered along the street.
7. Consider potential future location for relocatable classrooms.

## Building:

1. Main entry identity should be close, orienting, and prominent from arrival. Consider a primary entrance fronting the sidewalk.
2. Maximize entrance equity between pedestrians, buses, and drop-off.
3. Try to align the building massing with the street to help frame sidewalks and provide stronger street frontage with enough setback for safety.
4. Shield the view of the loading and service area from the street and neighbors.
5. Maximize outdoor space for teaching and school use.
6. Administrative area should have visual control of student and bus drop off for safety and security.
7. 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):

## OPTION A (OPCIÓN A)



### Refinements from previous version:

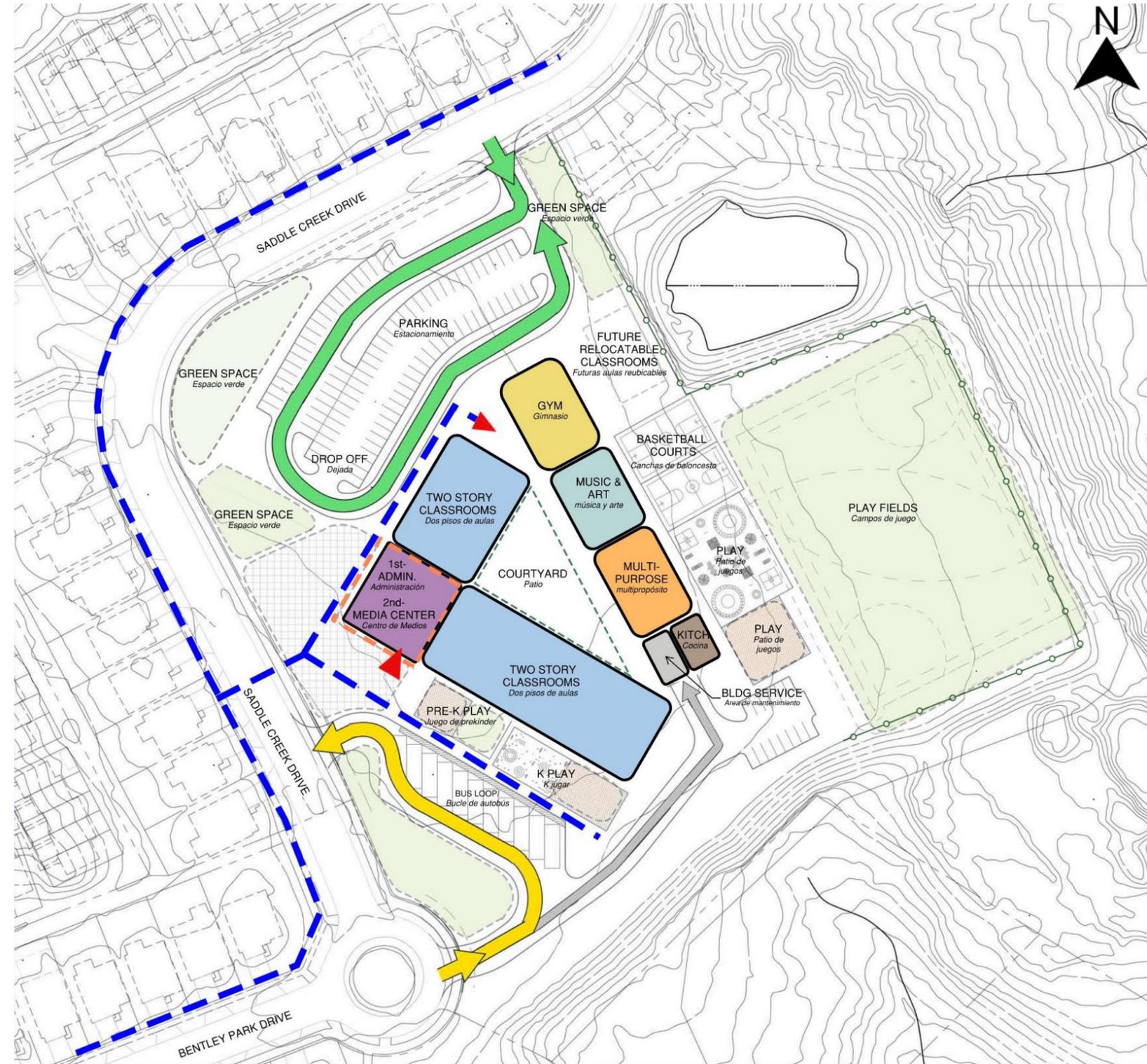
*Refinamientos de la versión anterior:*

- Shifted buses and parking farther back from street  
*Autobuses y estacionamiento más atrás de la calle*
- Added defined plaza and more green space at entry  
*Plaza definida y más espacio verde en la entrada*
- Tightened loading and service to shield from view  
*Área de mantenimiento ajustado para protegerlos de la vista*
- Indicated space for future relocatable classrooms  
*Espacio indicado para futuras aulas reubicables*

# REFINED DESIGN CONCEPT

## OPTION A (OPCIÓN A)

- 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*



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

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

### PROGRAM LEGEND/ LEYENDA DEL PROGRAMA:

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

# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

## OPTION B (OPCIÓN B)

Maryland's Largest School District

**MONTGOMERY COUNTY PUBLIC SCHOOLS**  
Expanding Opportunity and Unleashing Potential

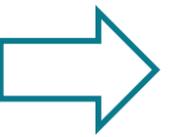
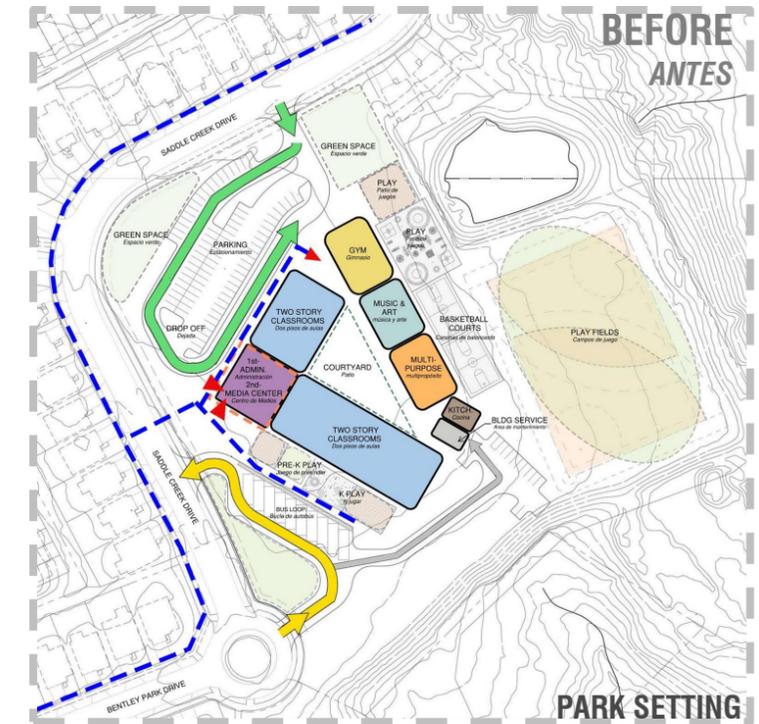
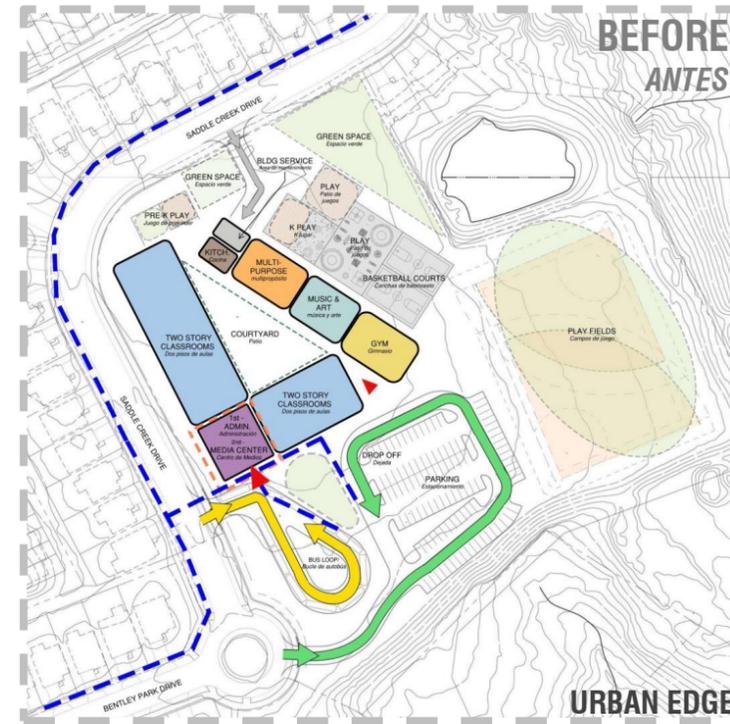
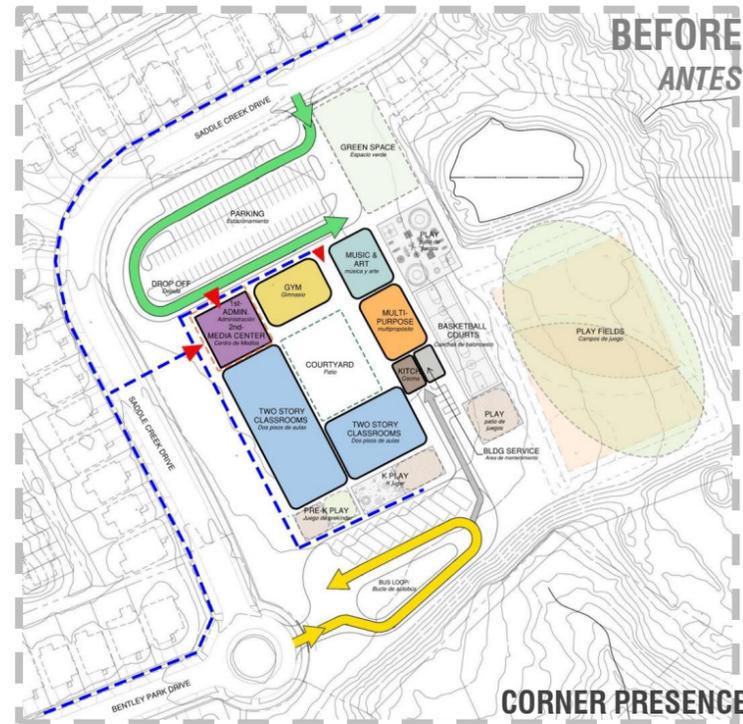
**Burtonsville Elementary**

**MTFA**  
architecture

### Hybrid evolution from previous versions:

*Refinamientos de las versiones anteriores:*

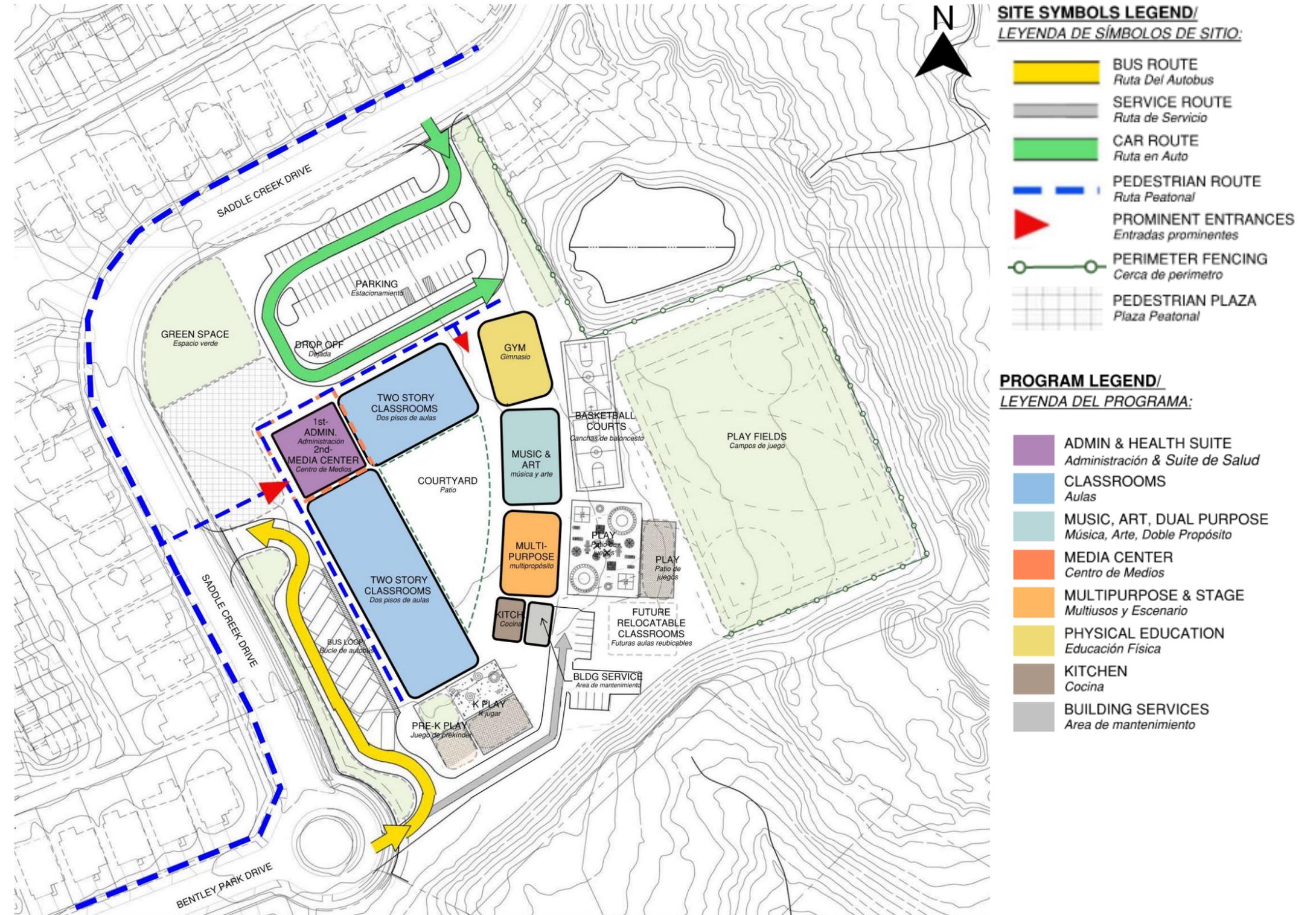
- Main entry presence and street frontage from “Corner Presence”  
*Presencia en la entrada principal y frente a la calle desde “Corner Presence”*
- Simplified vehicle circulation and green space from “Park Setting”  
*Circulación de vehículos simplificada y espacio verde desde “Park Setting”*
- Shared plaza and equitable arrival experience from “Urban Edge”  
*Plaza compartida y experiencia de llegada equitativa de “Urban Edge”*
- Screened loading and service from “Park Setting” and “Corner Presence”  
*Controles visuales para la área de mantenimiento desde “Park Setting” y “Corner Presence”*
- Open site visibility and consolidated play areas from “Urban Edge”  
*Se abrió la visibilidad del sitio hacia los campos de juego desde “Urban Edge”*



# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

## OPTION B1

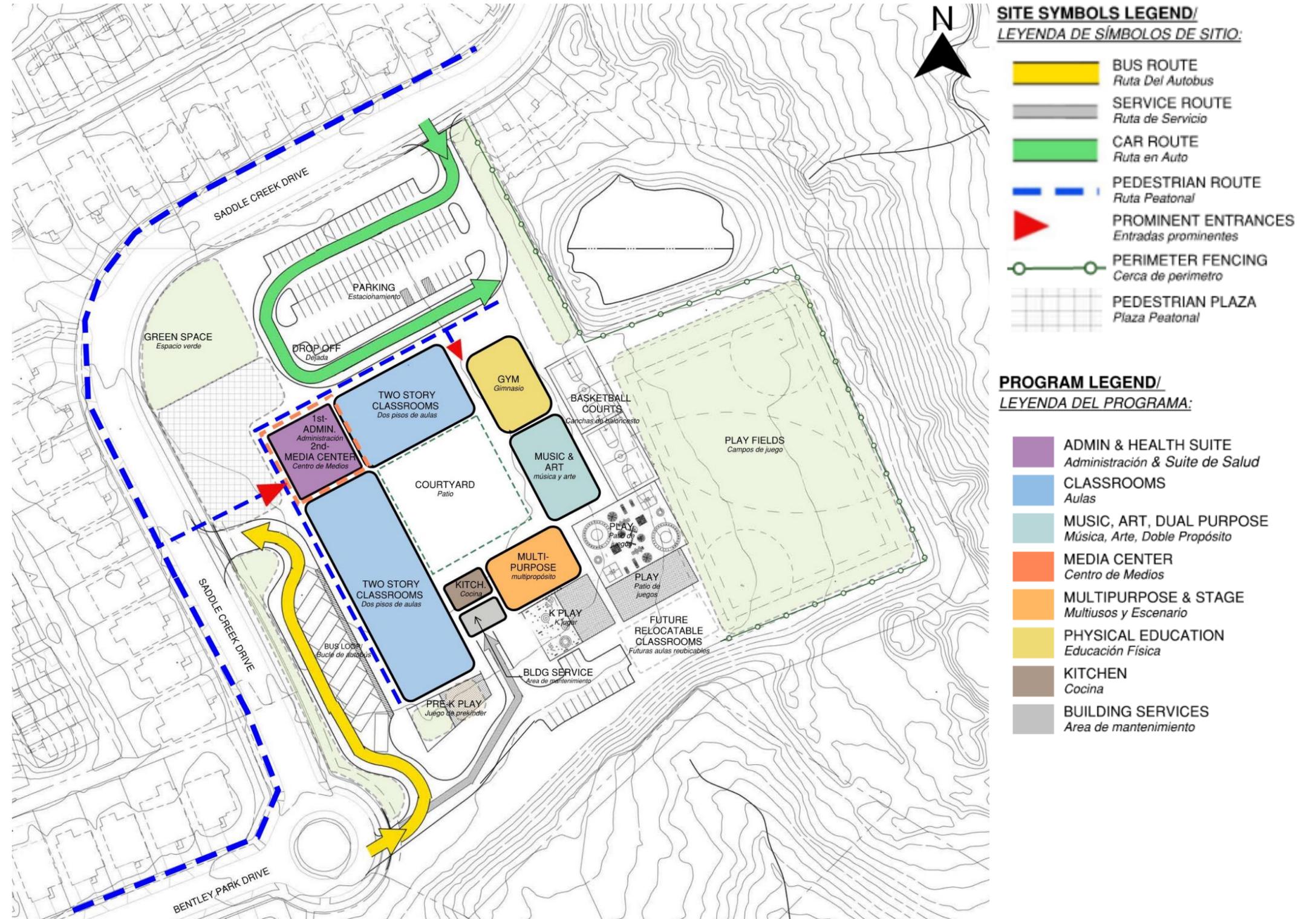
- Hybrid of previous options  
*Híbrido de opciones anteriores*
- Strong visual presence and main entry at the corner  
*Fuerte presencia visual y entrada principal en la esquina*
- Secondary Gym and Civic entry directly from parking  
*Entrada secundaria para el gimnasio y espacios cívicos desde el estacionamiento*
- Building massing aligned with street edge  
*Masa del edificio alineada con el borde de la calle*
- Shared, equitable arrival for all students  
*Llegada compartida y equitativa para todos los estudiantes*



# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

## OPTION B2

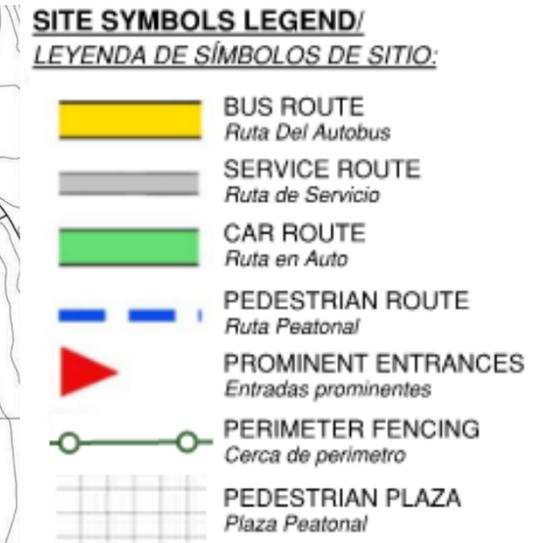
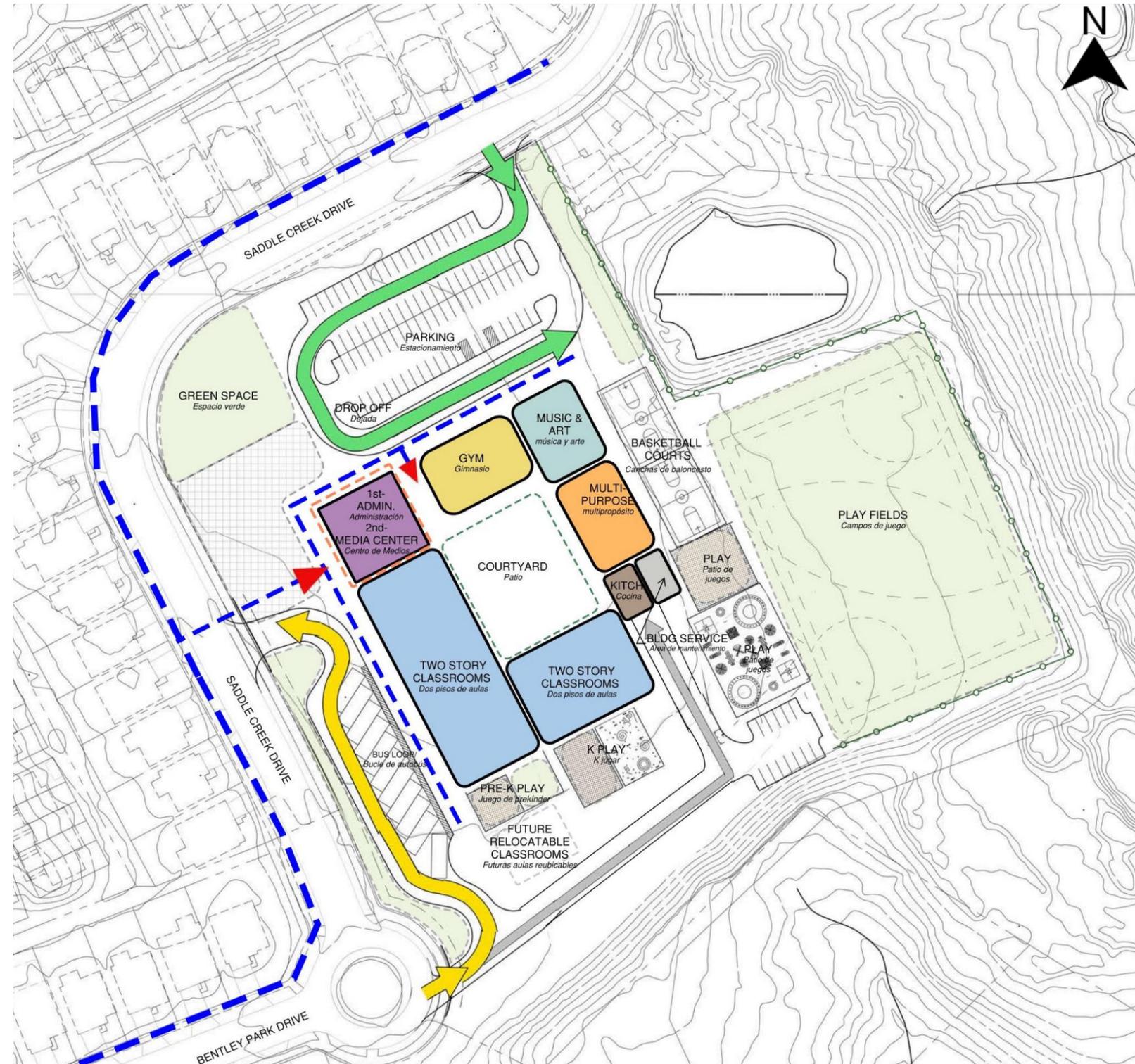
- Hybrid of previous options  
*Híbrido de opciones anteriores*
- Strong visual presence and main entry at the corner  
*Fuerte presencia visual y entrada principal en la esquina*
- Secondary Gym and Civic entry directly from parking  
*Entrada secundaria para el gimnasio y espacios cívicos desde el estacionamiento*
- Building massing aligned with street edge  
*Masa del edificio alineada con el borde de la calle*
- Shared, equitable arrival for all students  
*Llegada compartida y equitativa para todos los estudiantes*



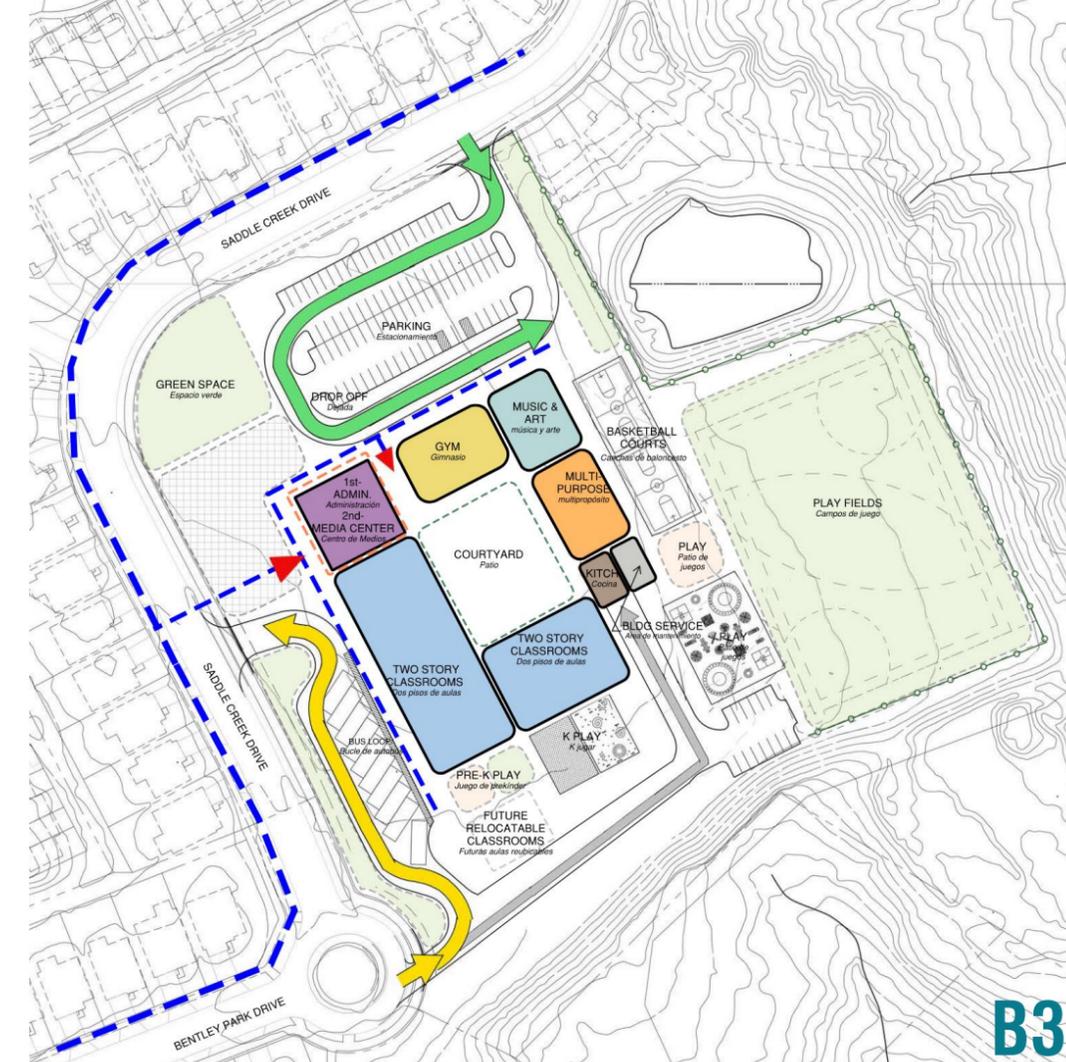
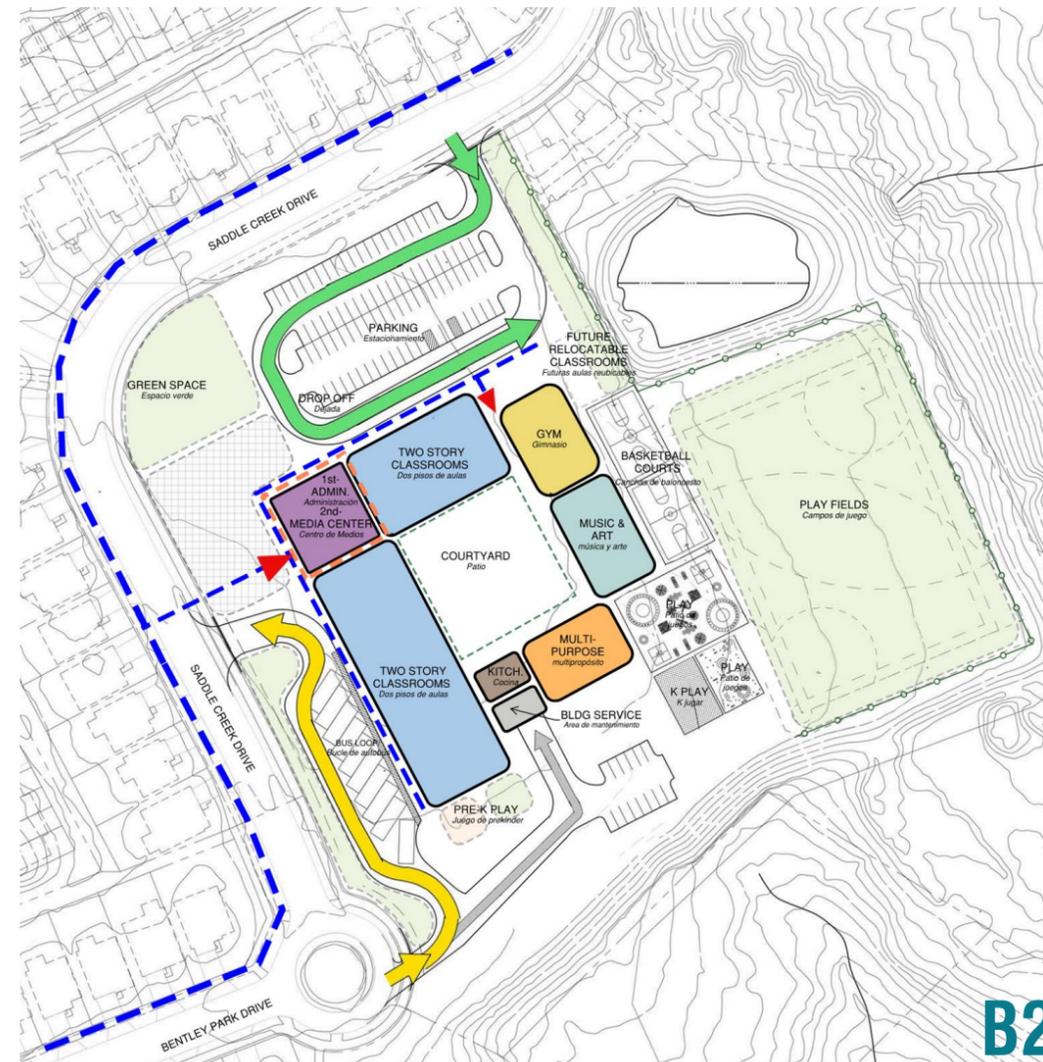
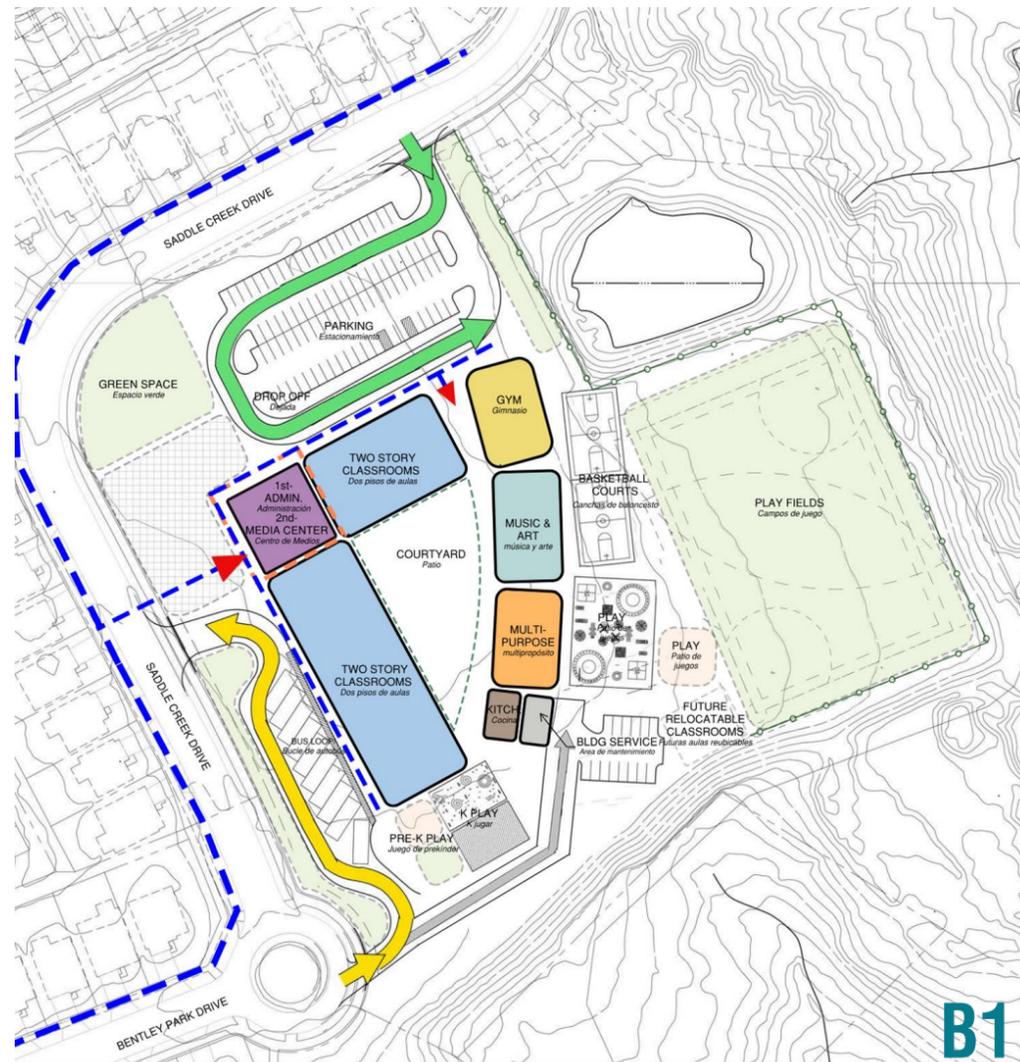
# REFINED DESIGN CONCEPT (CONCEPTO DE DISEÑO REFINADO):

## OPTION B3

- Hybrid of previous options  
*Híbrido de opciones anteriores*
- 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*
- Shared, equitable arrival for all students  
*Llegada compartida y equitativa para todos los estudiantes*



# OPTION B - COMPARISONS



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

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

**PROGRAM LEGEND/**  
**LEYENDA DEL PROGRAMA:**

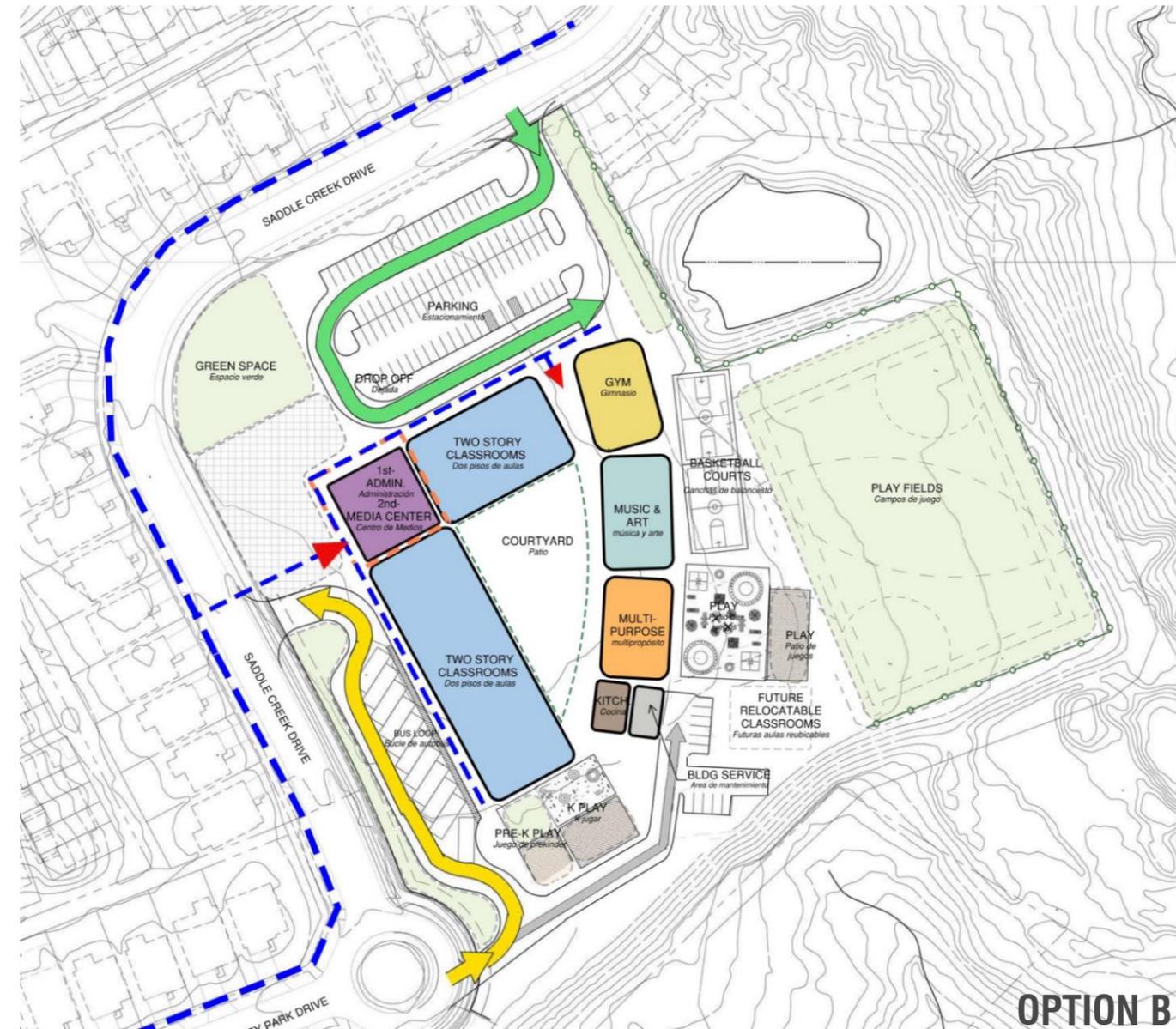
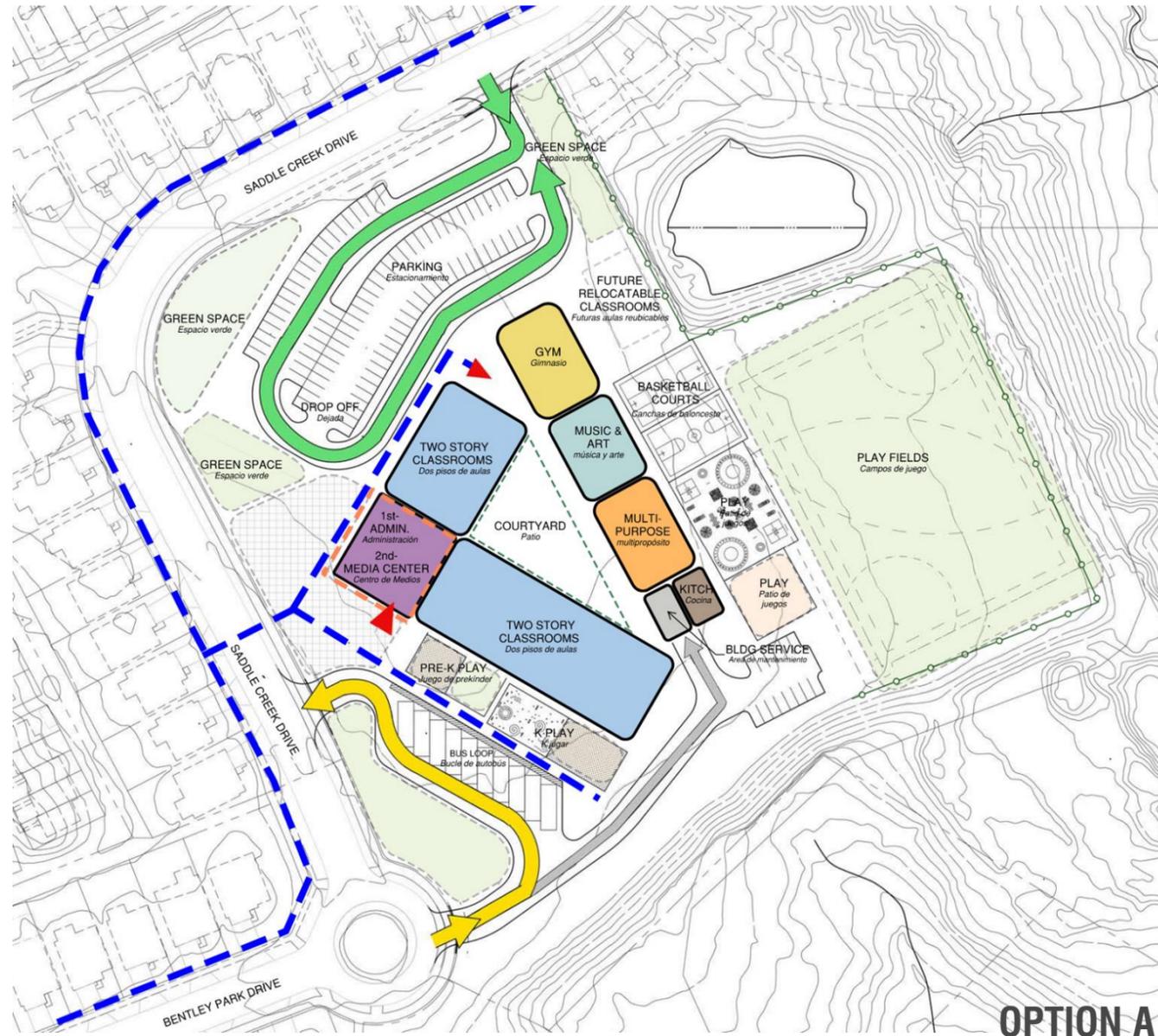
	<b>ADMIN &amp; HEALTH SUITE</b> Administración & Suite de Salud
	<b>CLASSROOMS</b> Aulas
	<b>MUSIC, ART, DUAL PURPOSE</b> Música, Arte, Doble Propósito
	<b>MEDIA CENTER</b> Centro de Medios
	<b>MULTIPURPOSE &amp; STAGE</b> Multiusos y Escenario
	<b>PHYSICAL EDUCATION</b> Educación Física
	<b>KITCHEN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

**Design drivers:**

*Criterio de diseño:*

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

# OPTION OVERVIEW (RESUMEN DE OPCIONES)



- 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  
 Área de mantenimiento
- 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 perímetro
  - PEDESTRIAN PLAZA  
 Plaza Peatonal



## Design drivers:

Criterio de diseño:

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

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

### **Work Session #4**

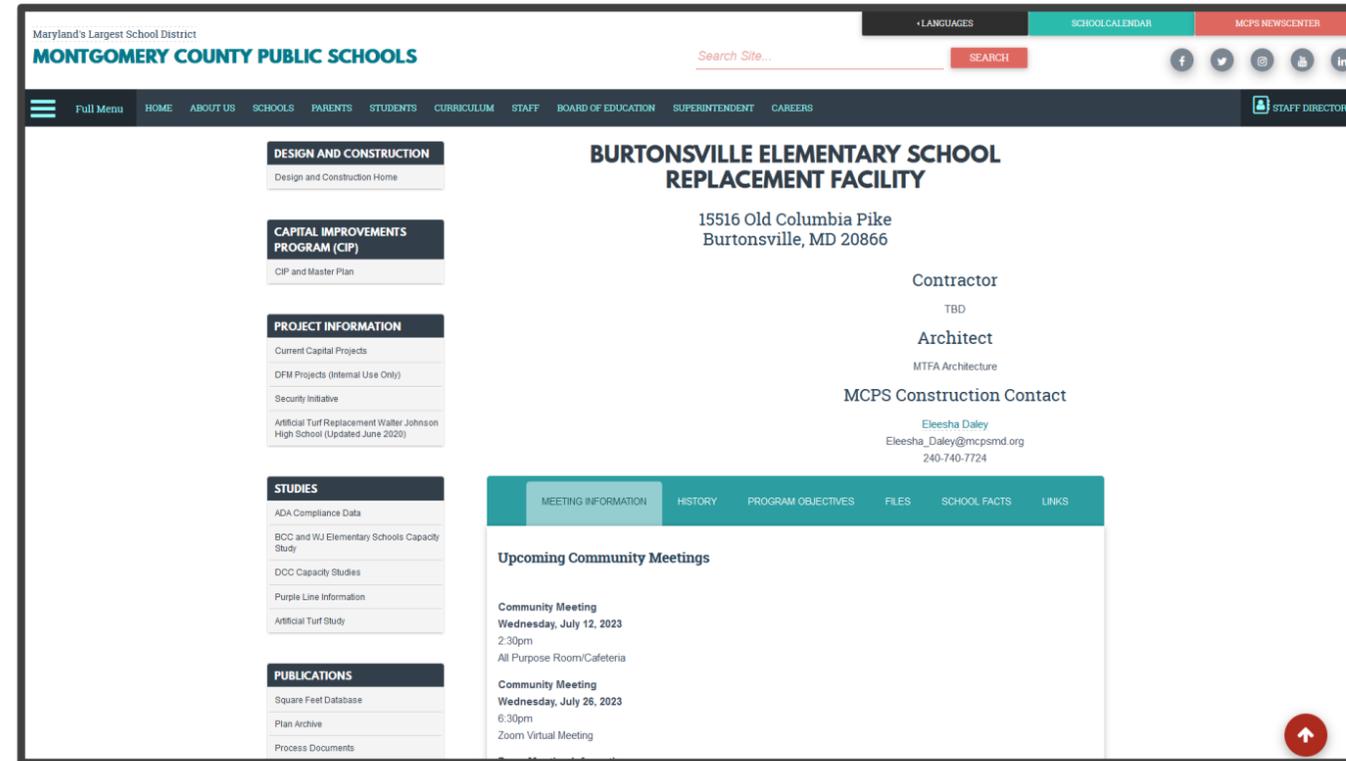
September 19 at 4:15pm

Meeting Location: All Purpose Room/Cafeteria



## BURTONSVILLE PROJECT SPECIFIC WEBSITE:

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



## PROJECT CONTACT:

**Eleesha Daley**

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