

January 18, 2022

# 100% Design/Construction Kickoff Community Meeting

## Water Spring MS – Site 65-M-W-4



**Orange County  
Public Schools**

# Water Spring Middle School 100% Design/Construction Kickoff Meeting Agenda

January 18, 2022

- Welcome – Pam Gould, School Board Member, District 4
- Introductions – Lauren Roth, Facilities Communications
- School Update – Water Spring Middle School AP Brian Sanchez Corona
- Project Update – Architect: Harvard Jolly Architecture

Construction Manager: CORE Construction

- Questions & Answers
- Adjournment

***Welcome Message from  
District 4 Board Member  
Pam Gould***



***Introductions by Senior manager,  
Facilities Communications***

**Lauren Roth**

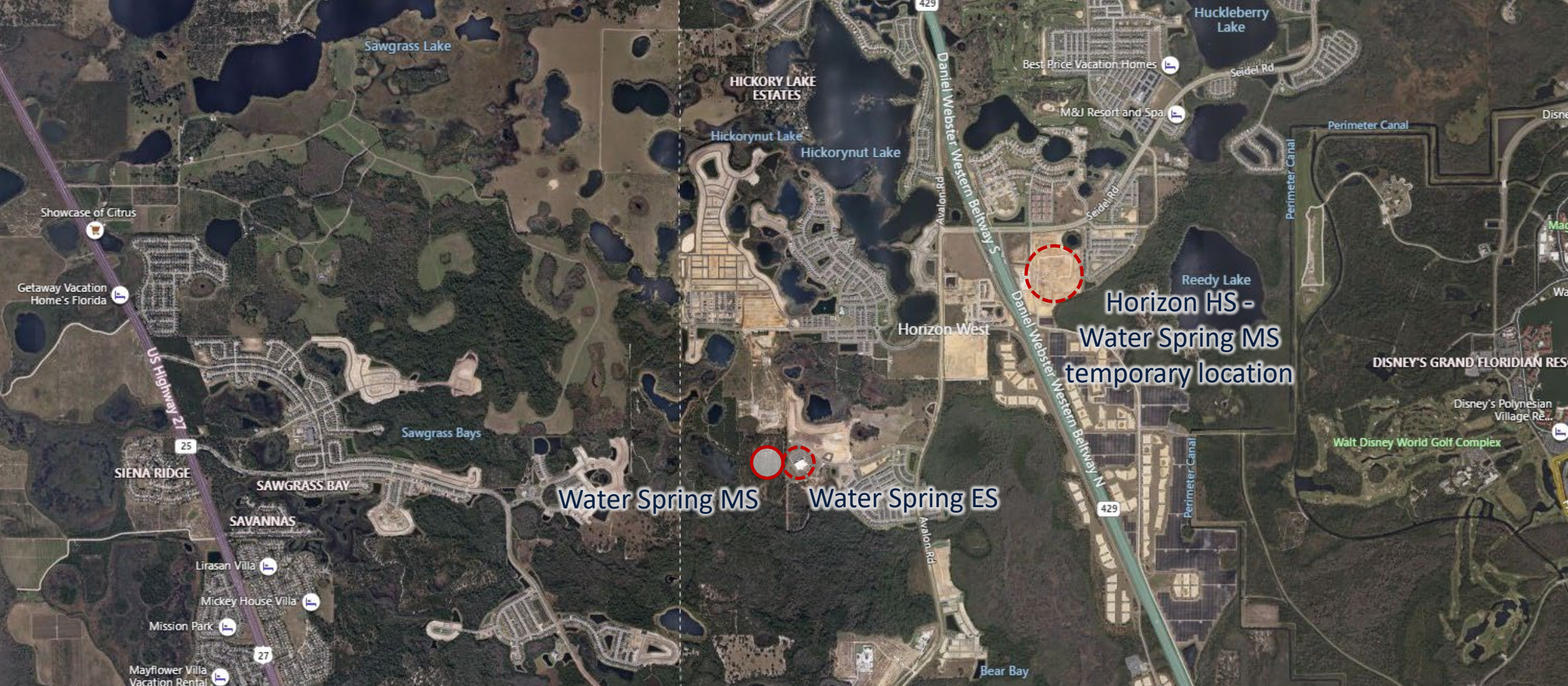


***Dedicated Assistant Principal  
for Water Spring MS***

**Brian Sanchez Corona**



# Vicinity Map



# Aerial of Existing Site



# Site Plan

## PROJECT DATA

### Capacity

1215 Students

### Parking

Provided: 183 spaces

Required: 174 spaces

### Car Queuing

Provided: 193 Cars (13%)

Required (Traffic Study):  
119 Cars (8%)

### Buses

Provided: 28 buses

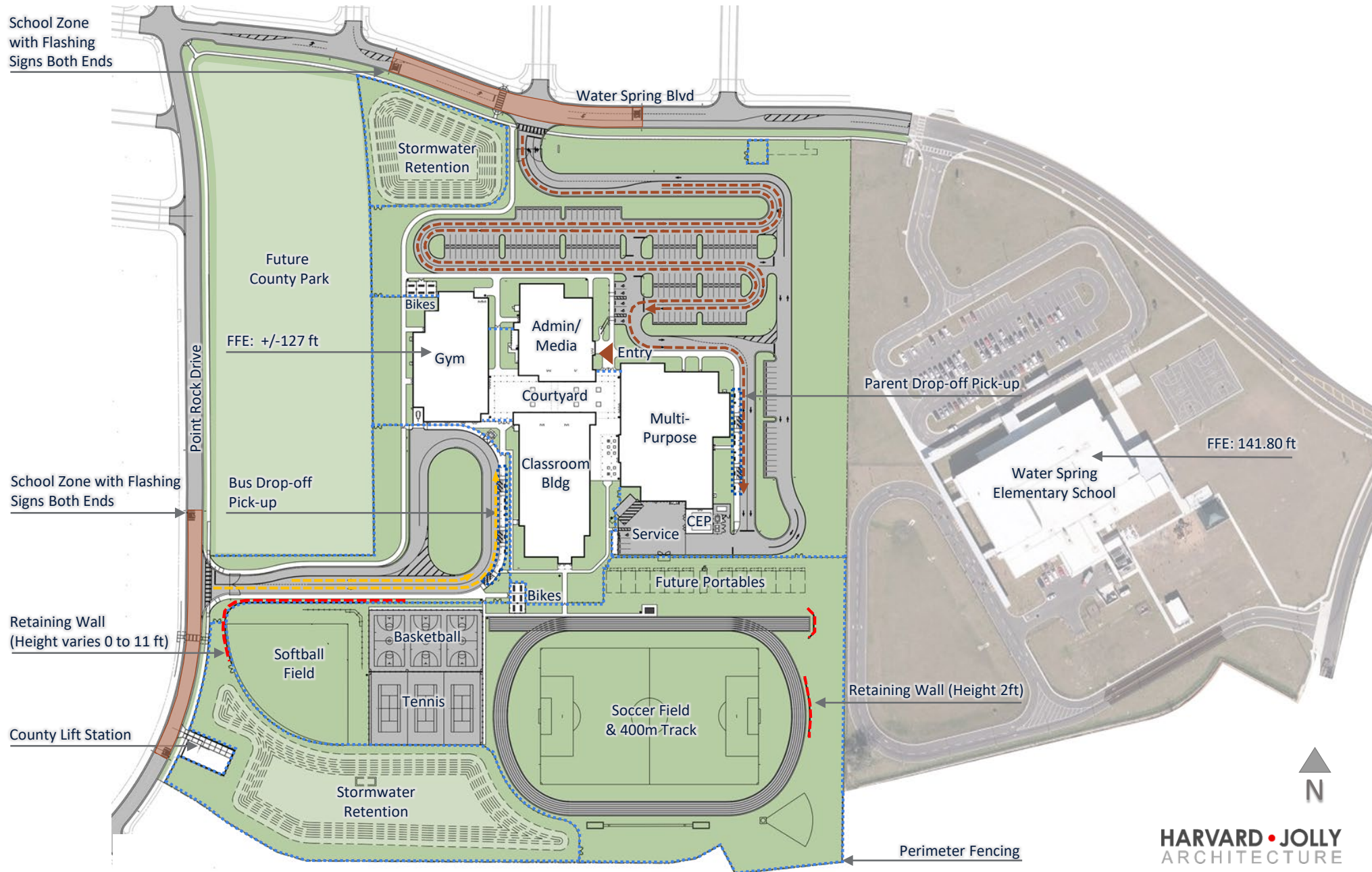
Required: 28 buses

### Future Portables

12 Portables

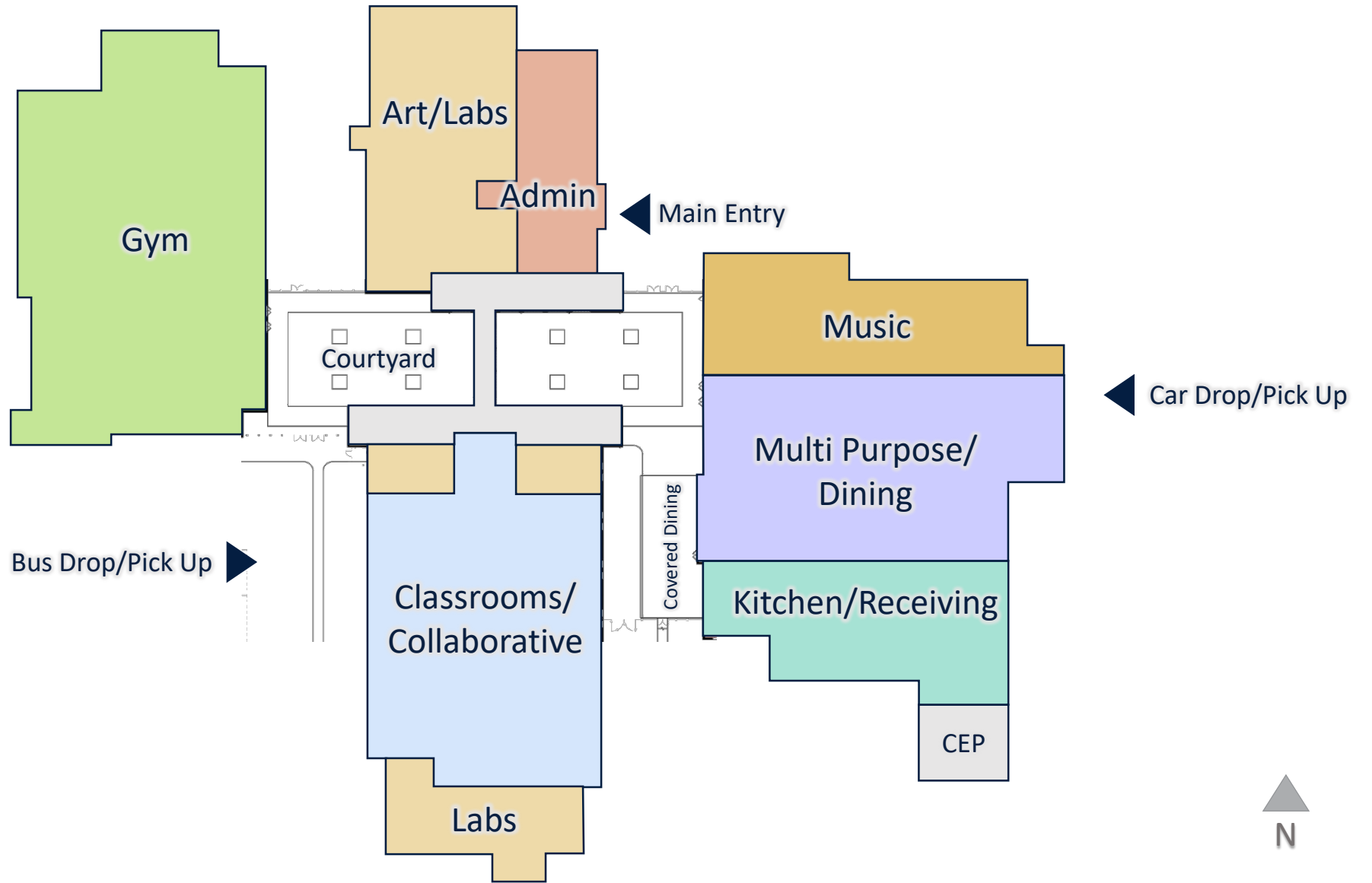
### Site Area

+/- 25 Acres

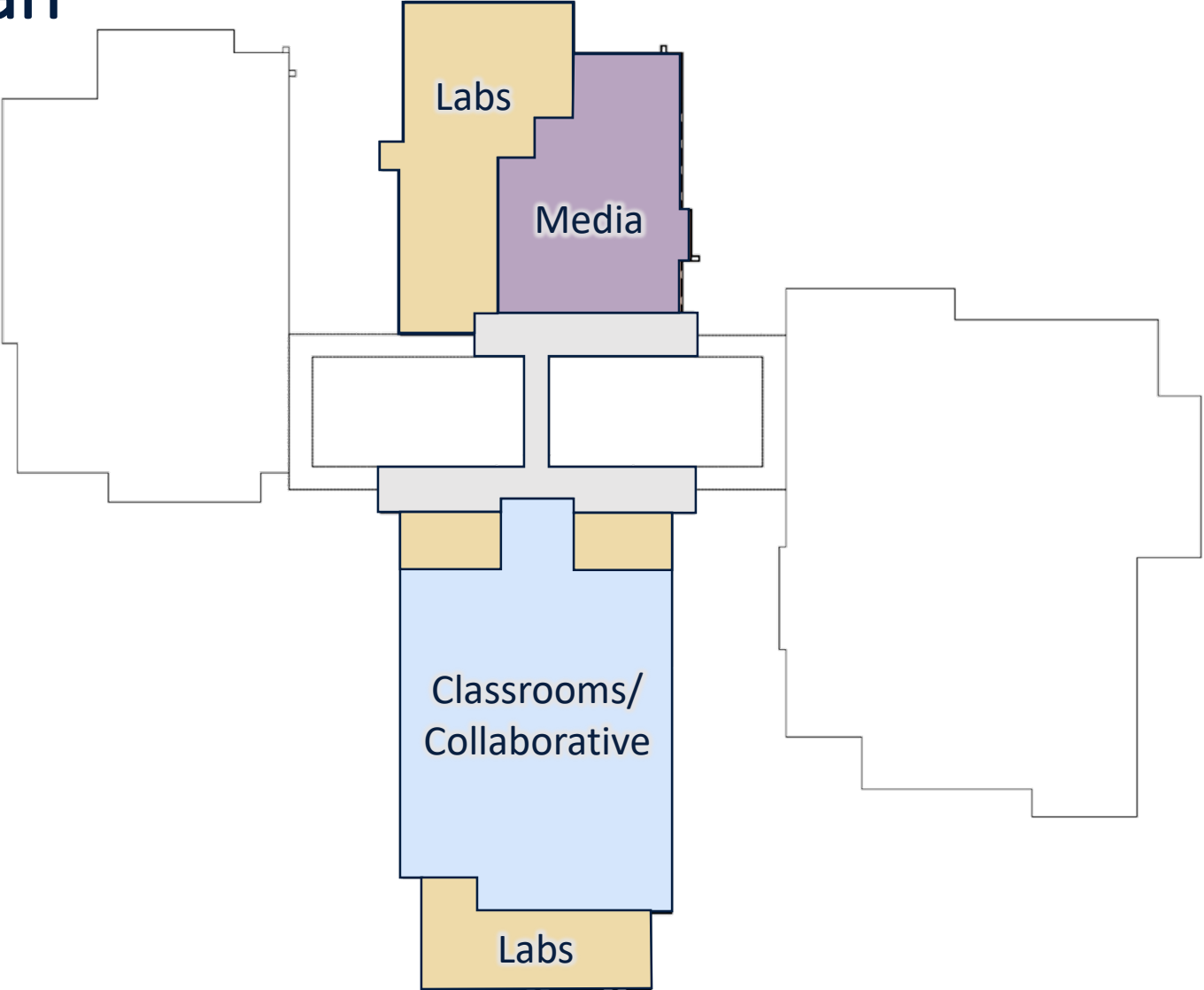




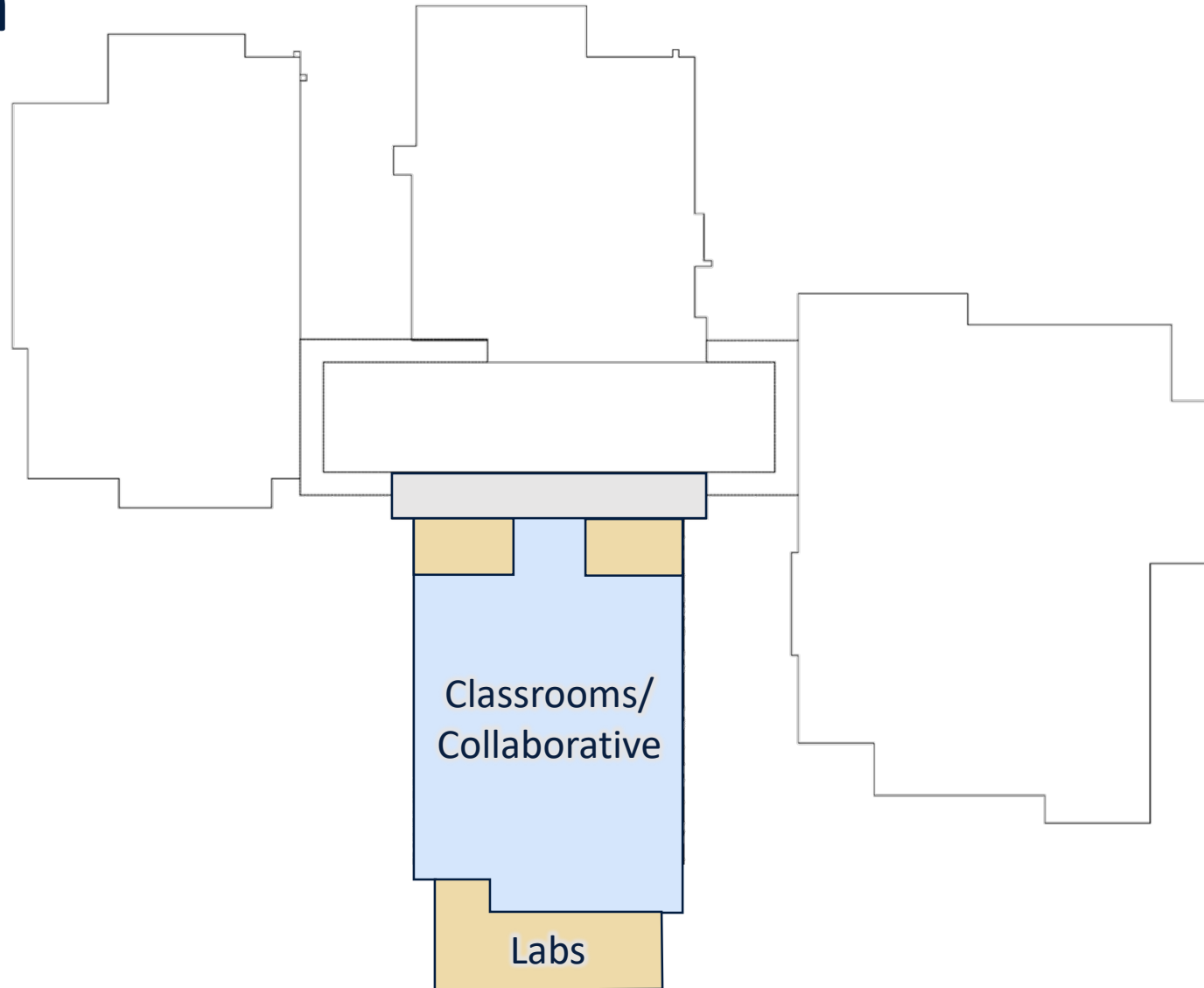
# First Floor Plan



# Second Floor Plan



# Third Floor Plan



# Sustainable Features include:

## Site

- Native/low water landscaping – reduced water consumption
- Low Impact Design (LID) stormwater design

## Building

- 10% more energy efficient than ASHRAE 90.1 standard
- High Efficiency Chillers (8% energy reduction)
- Light colored roof reduces heat gain and improves energy efficiency
- Energy Star rated equipment
- Water saving toilets, faucets and fixtures
- All general classrooms have daylighting
- Over 75% of ALL spaces have daylighting
- Fully automated building control system

# Harvard Jolly Middle School Prototype

School	Year Open
Horizon West Middle School	2019
Innovation Middle School	2017

# Example – Entry



# Example – Lobby



# Example – Typical Classroom





# Example – Technology Resource Center



# Example – Typical Classroom Corridor



# Example – Typical Science Lab



# Example – Media Center



# Example – TV Studio



# Example – Art Lab



# Example – Multi Purpose Room



# Example – Kitchen





# Example – Gymnasium



# Example – Courtyard



# Example – Hardcourt



# Example – Soccer Field and Track



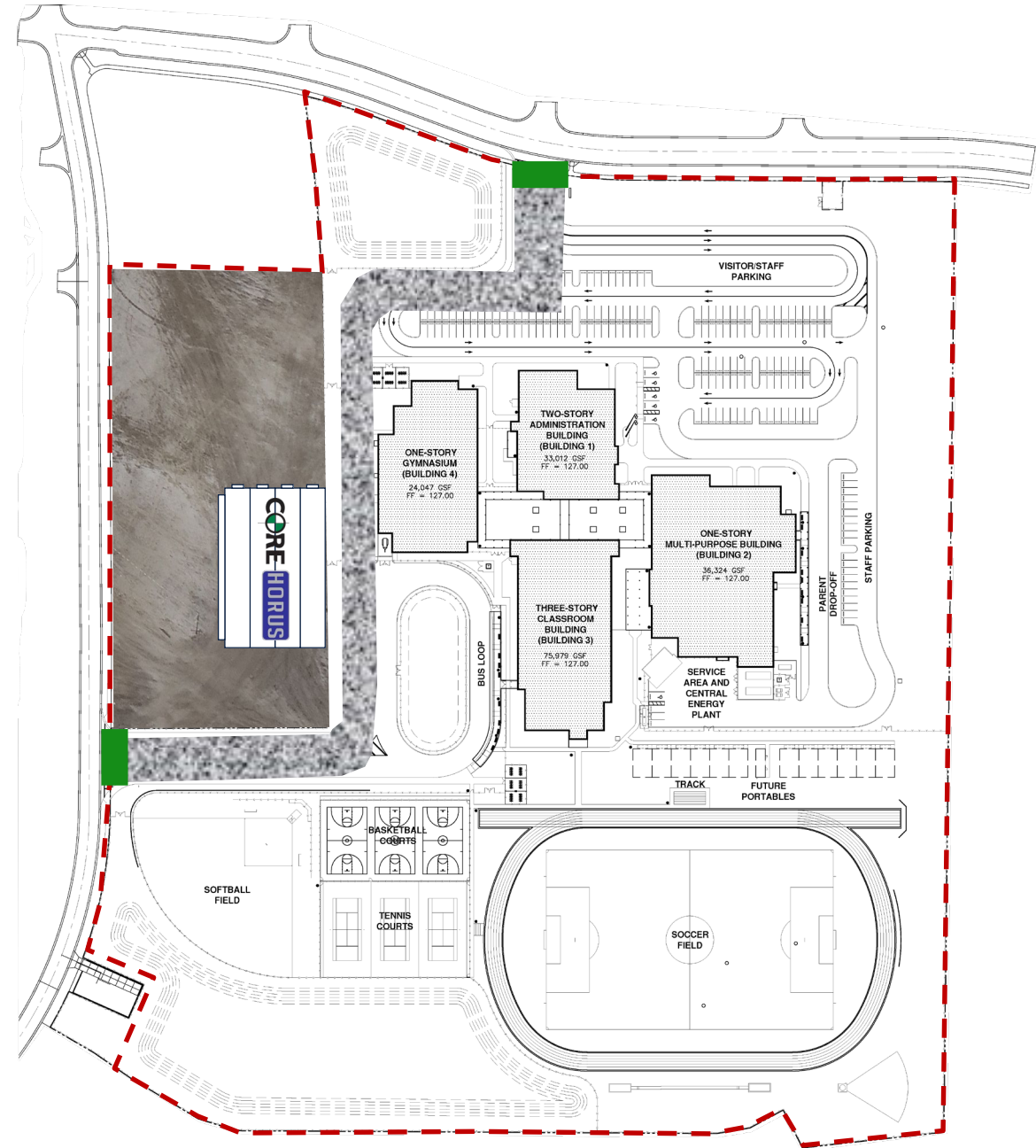
# Rendering at Main Entry



# WATER SPRING MIDDLE SCHOOL CONSTRUCTION SITE LOGISTICS PLAN

## MAP LEGEND

-  SITE SECURITY FENCING WITH WINDSCREEN
-  TEMPORARY CONSTRUCTION ACCESS ROAD
-  SITE ENTRY & EXIT GATES
-  CONSTRUCTION STAGING, PARKING, & STORAGE
-  CONSTRUCTION OFFICES



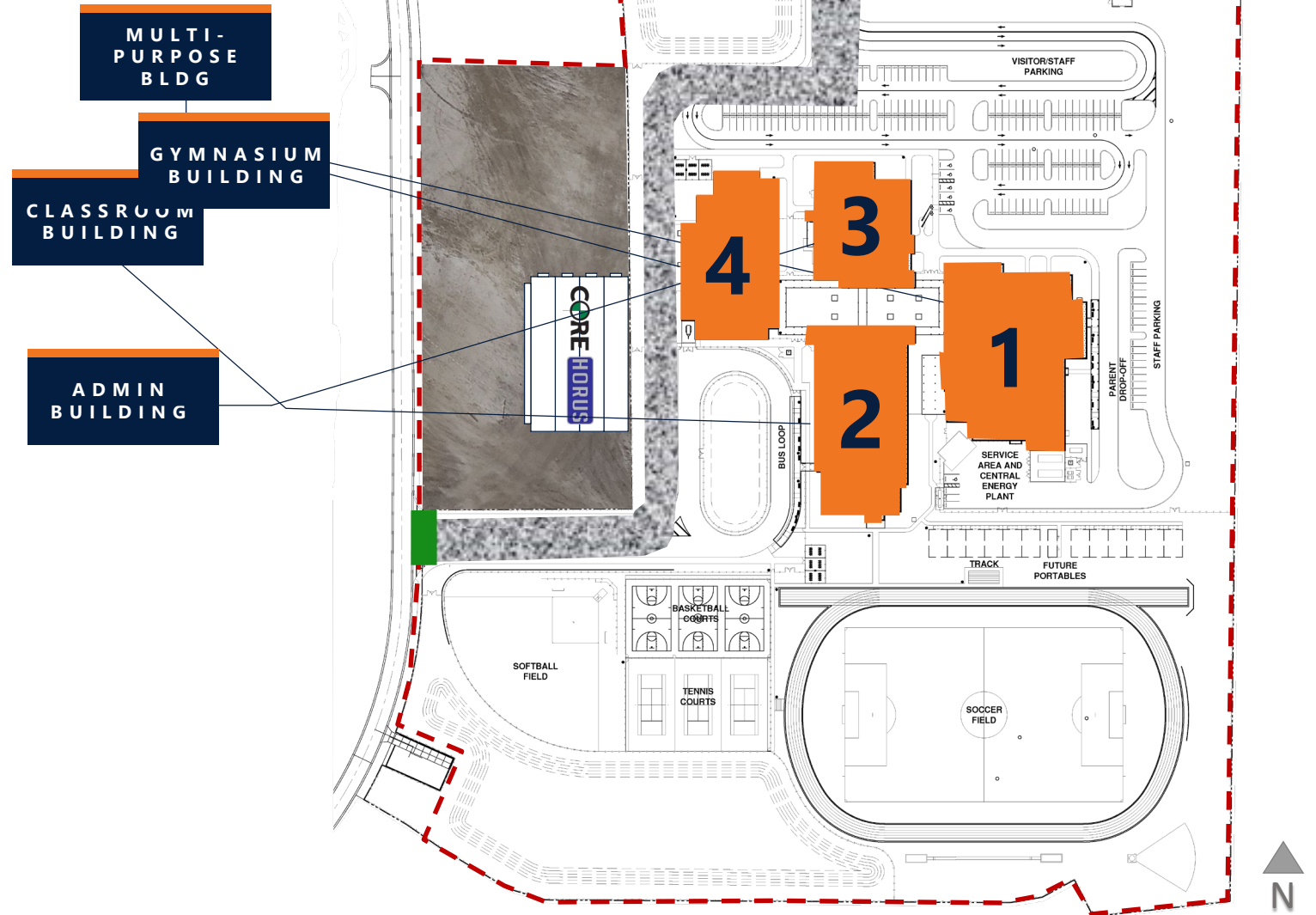
# WATER SPRING MIDDLE SCHOOL CONSTRUCTION SEQUENCE

**1** CAMPUS BLDG. 2  
MULTI-PURPOSE BUILDING

**2** CAMPUS BLDG. 3  
CLASSROOM BUILDING

**3** CAMPUS BLDG. 1  
ADMINISTRATION BUILDING

**4** CAMPUS BLDG. 4  
GYMNASIUM BUILDING





S0097 Water Spring Middle School



Activity Name	Start	Finish	2022												2023											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
<b>Water Spring Middle School Relief</b>	<b>21-Jan-2022</b>	<b>26-May-2023</b>	<ul style="list-style-type: none"> <li>◆ Notice to Proceed</li> <li>■ Issue Contracts</li> <li>■ Mobilize on site</li> <li>■ Install Temp Fence</li> <li>■ Sitework</li> <li>■ Grade Building Pads</li> <li>■ MEP Underground Building 2, 3, 1, 4</li> <li>■ Slab on Grade for Building 2, 3, 1 4</li> <li>■ Ready to accept Transformer</li> <li>■ Tilt-Up Forms Building 2, 3, 1, 4</li> <li>■ Set Transformer</li> <li>■ Tilt Building 2, 3, 1, 4</li> <li>■ Joist and Deck Building 2, 3, 1, 4</li> <li>■ Roofing / Dry in Building 2, 3, 4, 1</li> <li>■ Finishes - Building 2, 3, 1, 4</li> <li>■ Track &amp; Playcourts</li> <li>◆ Project Substantial Completion</li> </ul>																							
Notice to Proceed	21-Jan-2022*																									
Issue Contracts	24-Jan-2022	18-Feb-2022																								
Mobilize on site	01-Feb-2022	07-Feb-2022																								
Install Temp Fence	01-Feb-2022	07-Feb-2022																								
Sitework	04-Feb-2022	19-Jan-2023																								
Grade Building Pads	08-Feb-2022	07-Mar-2022																								
MEP Underground Building 2, 3, 1, 4	16-Mar-2022	20-Oct-2022																								
Slab on Grade for Building 2, 3, 1 4	08-Apr-2022	07-Nov-2022																								
Ready to accept Transformer	27-May-2022	02-Jun-2022																								
Tilt-Up Forms Building 2, 3, 1, 4	17-Jun-2022	03-Nov-2022																								
Set Transformer	24-Jun-2022	30-Jun-2022																								
Tilt Building 2, 3, 1, 4	09-Sep-2022	17-Nov-2022																								
Joist and Deck Building 2, 3, 1, 4	23-Sep-2022	03-Apr-2023																								
Roofing / Dry in Building 2, 3, 4, 1	13-Oct-2022	21-Apr-2023																								
Finishes - Building 2, 3, 1, 4	04-Nov-2022	24-May-2023																								
Track & Playcourts	20-Jan-2023	04-May-2023																								
Project Substantial Completion		26-May-2023																								

Start Construction: January 21, 2022  
 Open for School Year 2023-2024





# Questions & Answers