

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

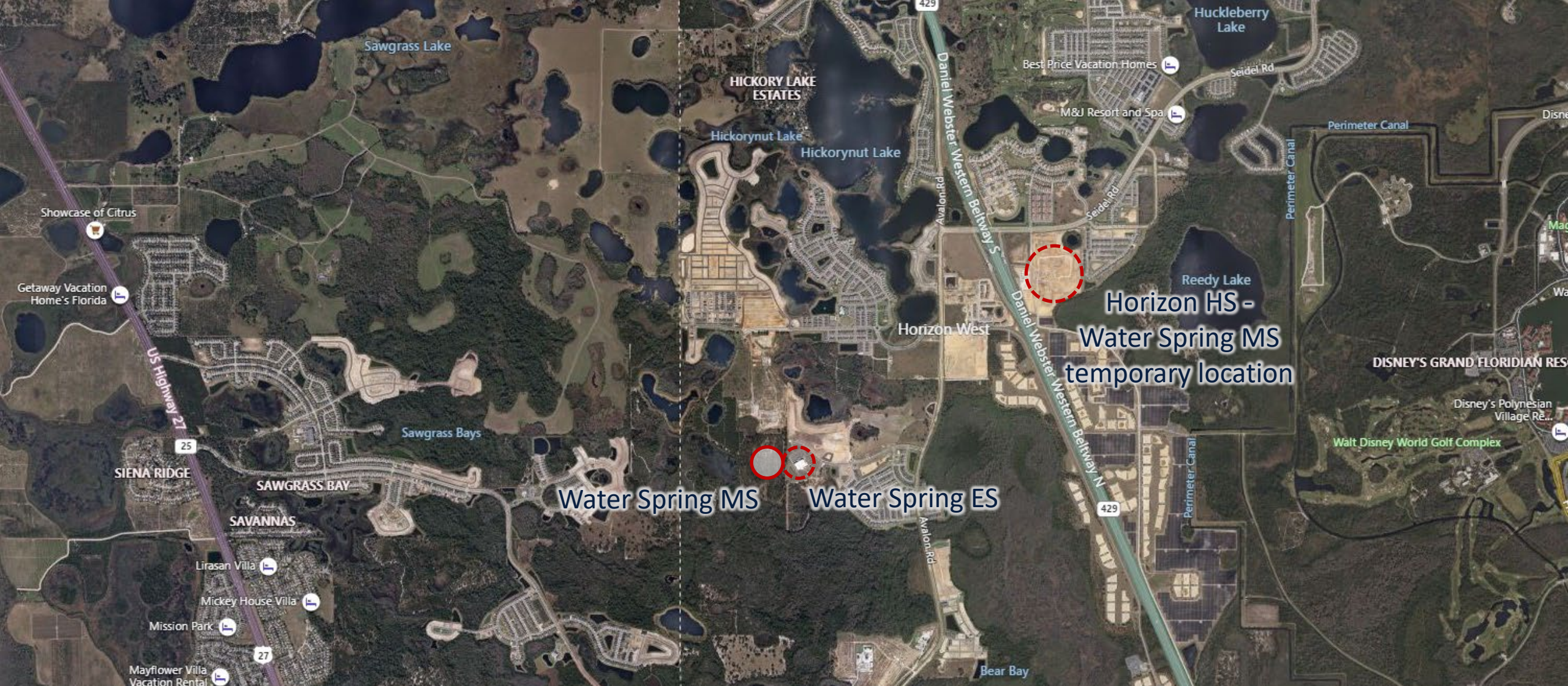


***Dedicated Assistant Principal
for Water Spring MS***

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

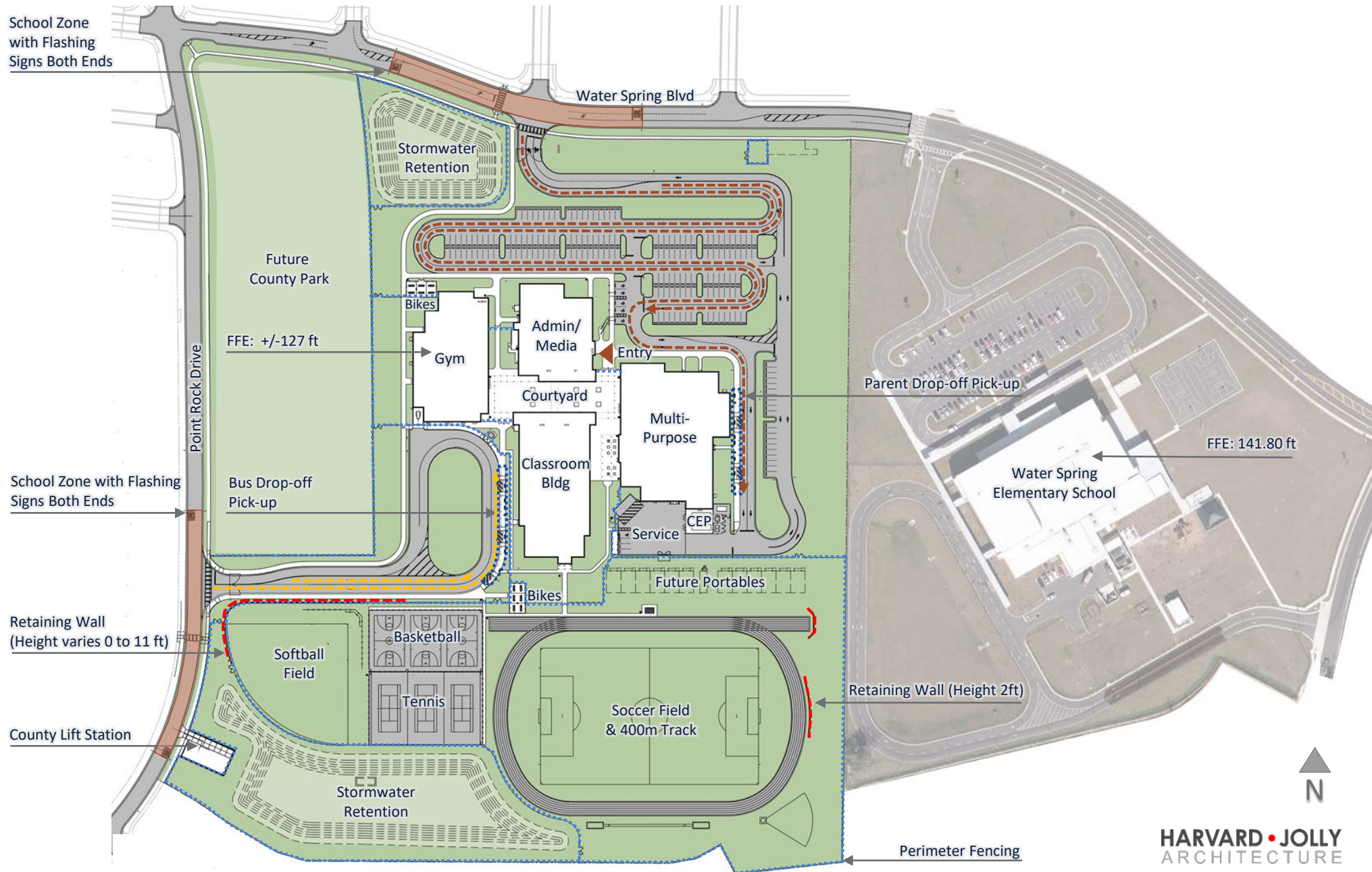
Required: 28 buses

Future Portables

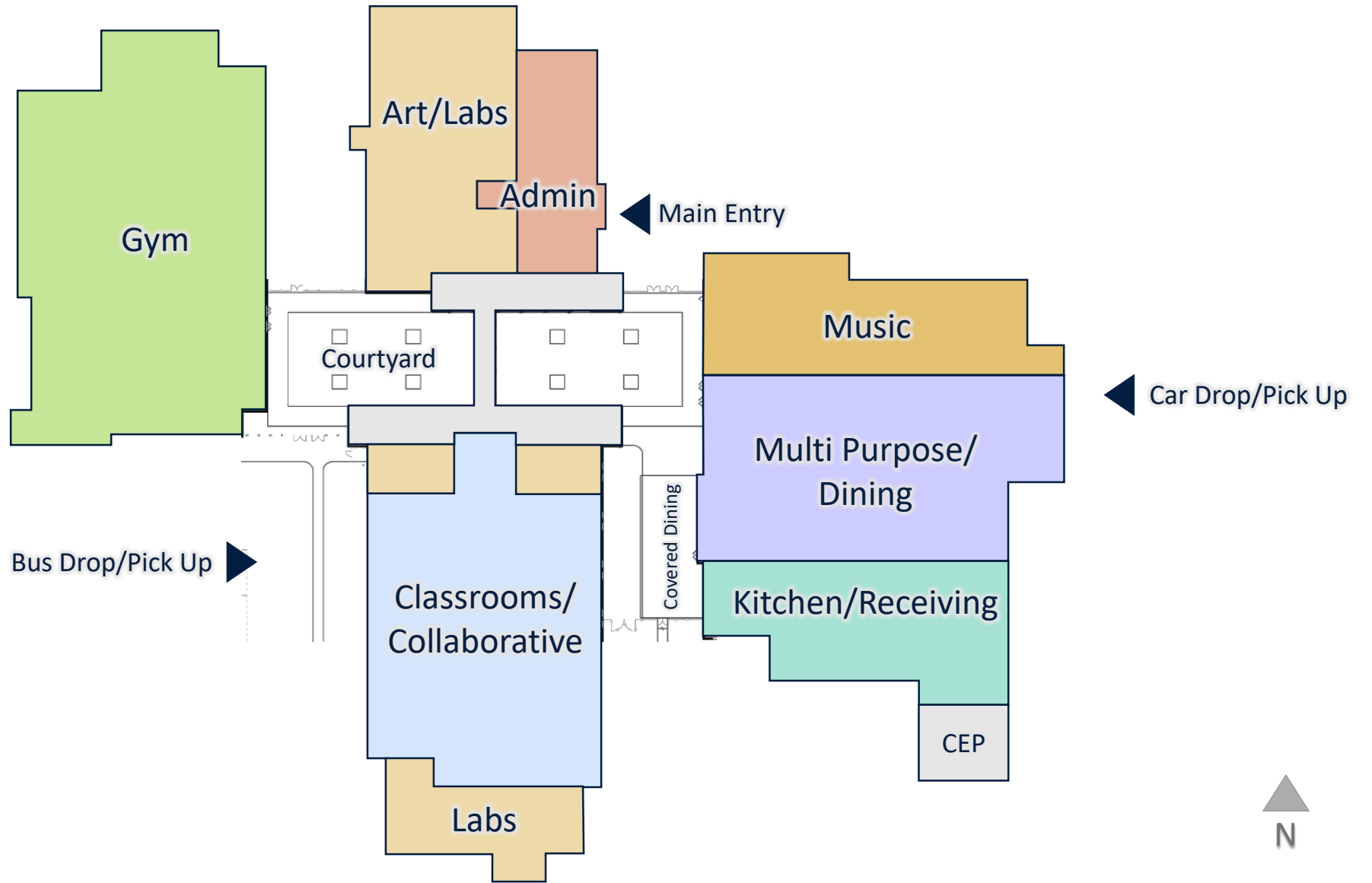
12 Portables

Site Area

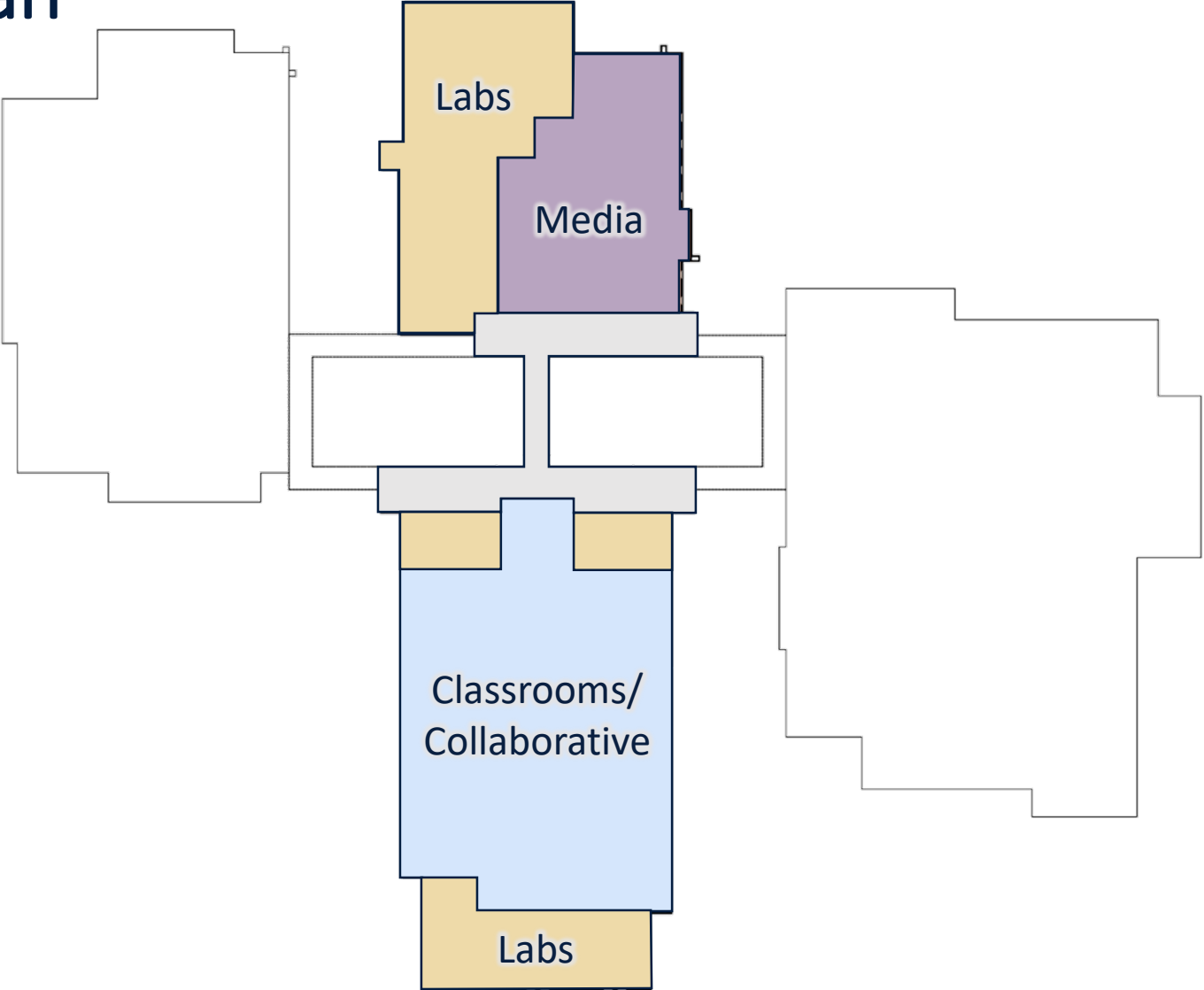
+/- 25 Acres



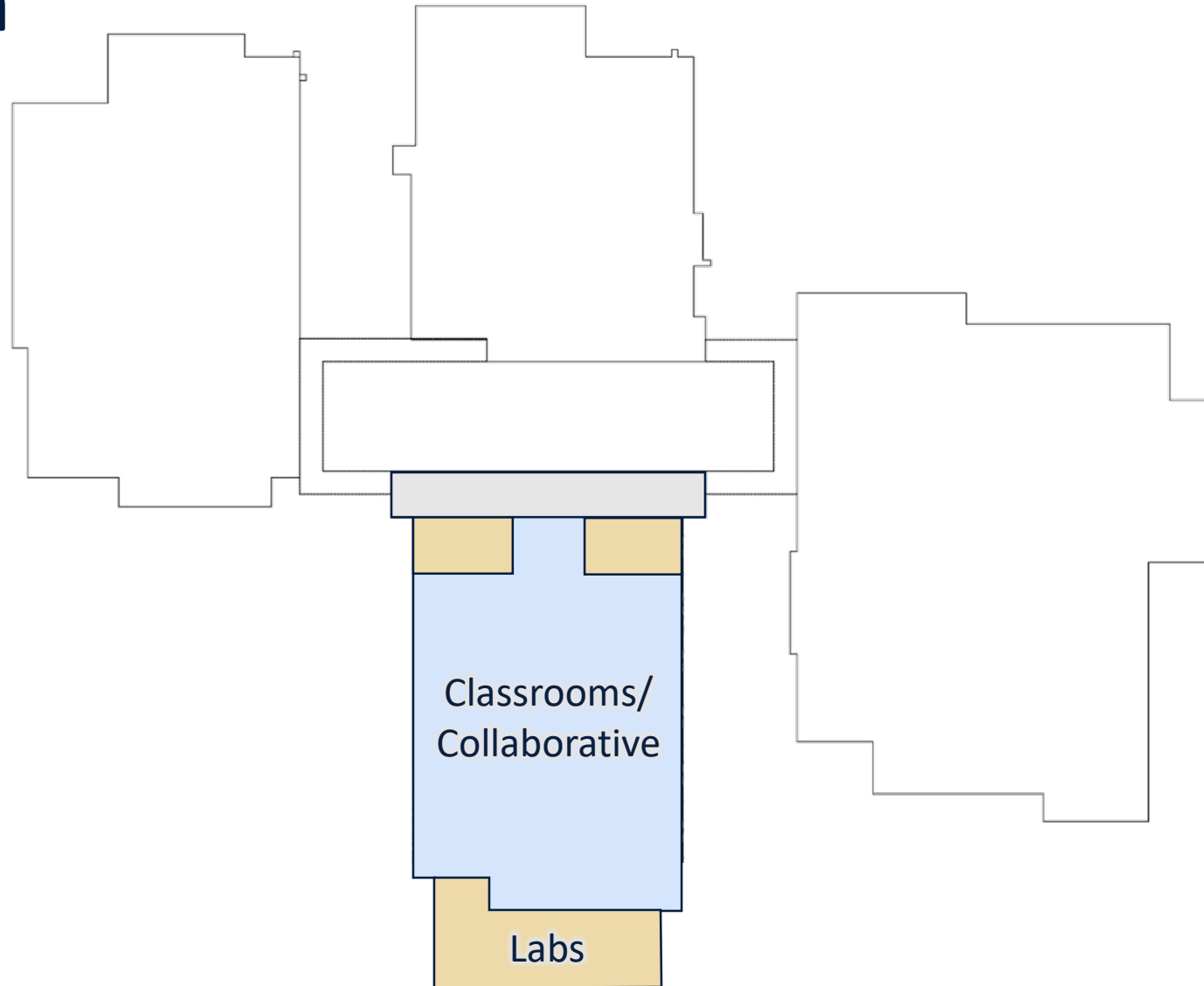
First Floor Plan



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



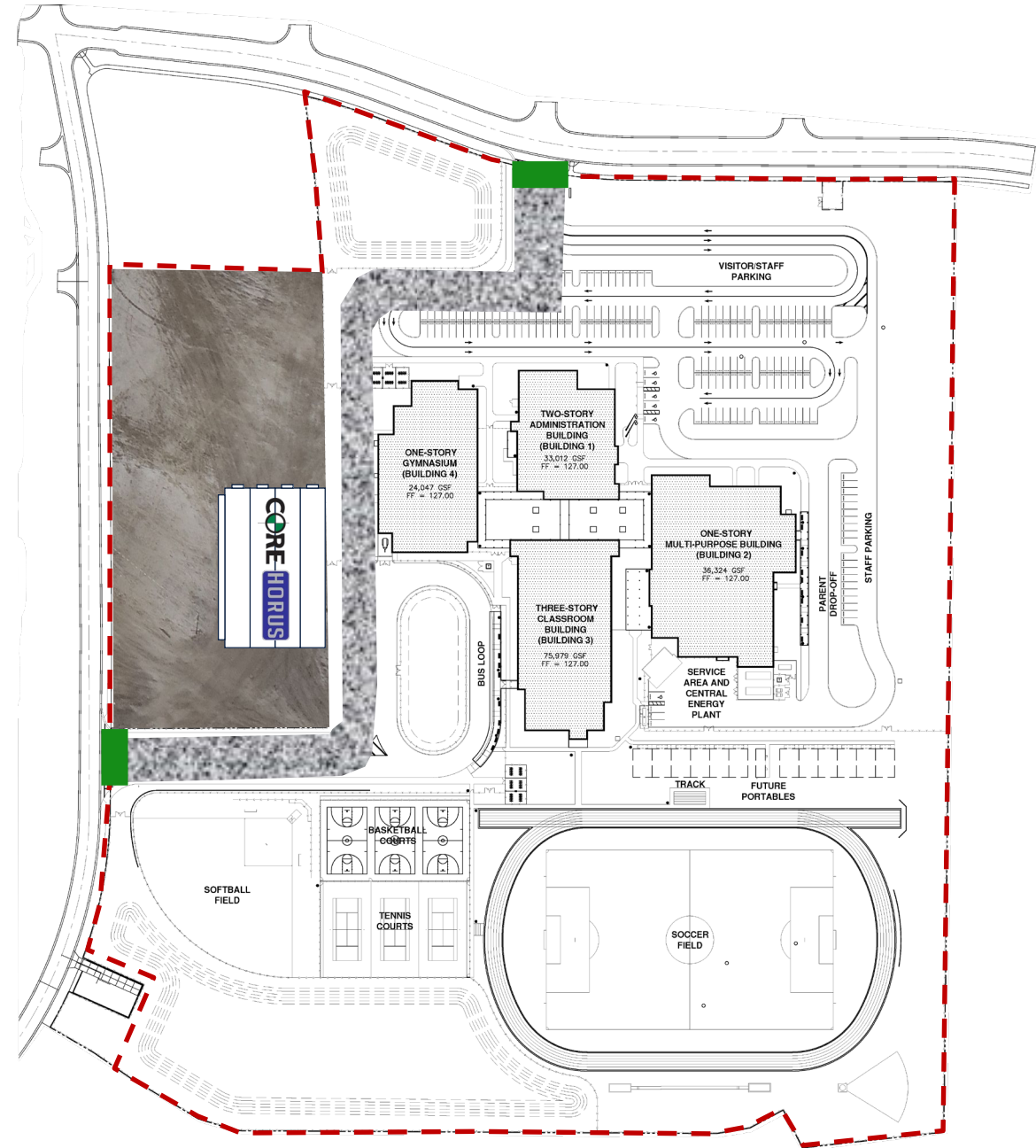
Rendering at Main Entry



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



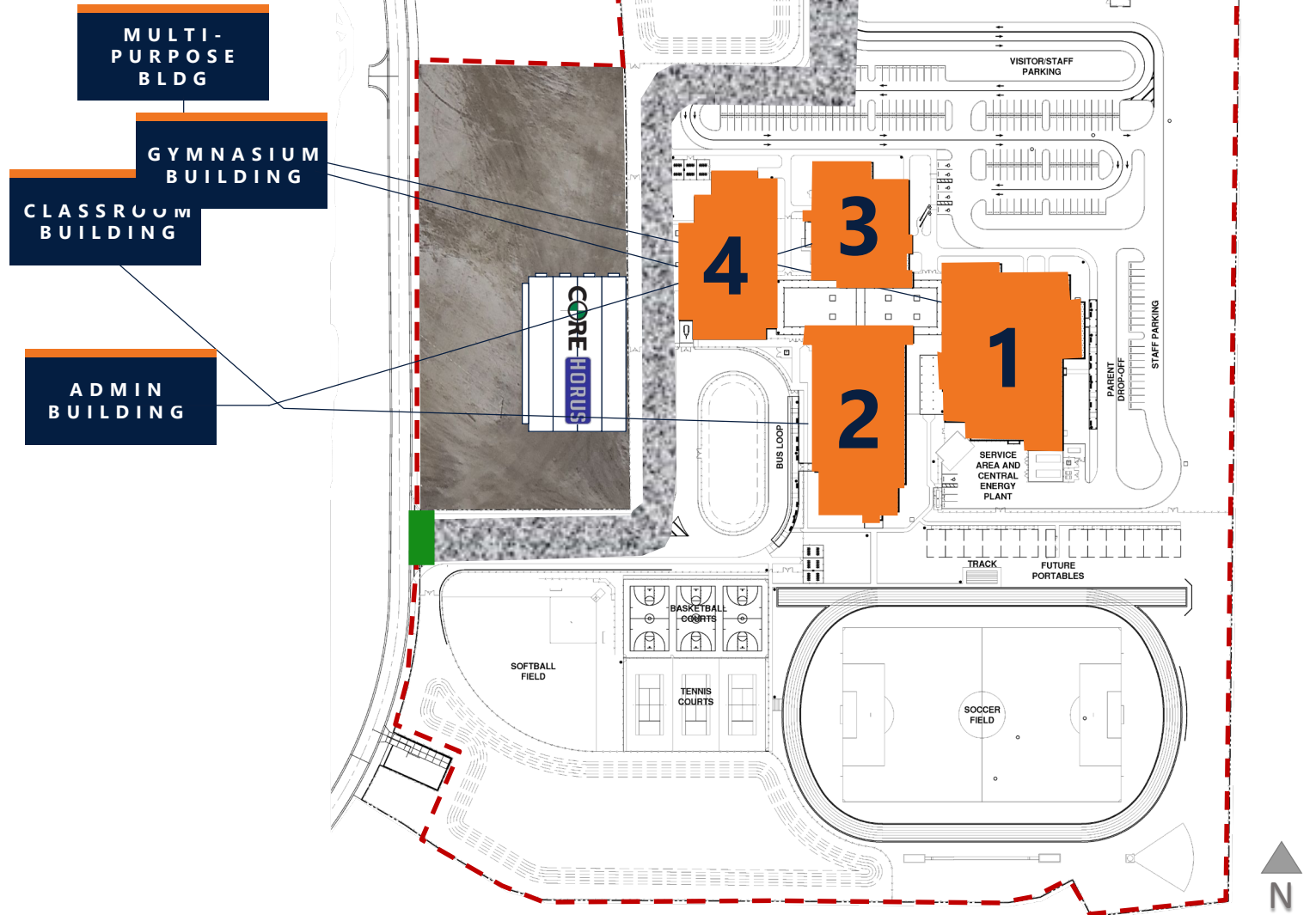
WATER SPRING MIDDLE SCHOOL CONSTRUCTION SEQUENCE

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		
Water Spring Middle School Relief	21-Jan-2022	26-May-2023																								
Notice to Proceed	21-Jan-2022*		◆ Notice to Proceed																							
Issue Contracts	24-Jan-2022	18-Feb-2022	■ Issue Contracts																							
Mobilize on site	01-Feb-2022	07-Feb-2022	■ Mobilize on site																							
Install Temp Fence	01-Feb-2022	07-Feb-2022	■ Install Temp Fence																							
Sitework	04-Feb-2022	19-Jan-2023	■ Sitework																							
Grade Building Pads	08-Feb-2022	07-Mar-2022	■ Grade Building Pads																							
MEP Underground Building 2, 3, 1, 4	16-Mar-2022	20-Oct-2022	■ MEP Underground Building 2, 3, 1, 4																							
Slab on Grade for Building 2, 3, 1 4	08-Apr-2022	07-Nov-2022	■ Slab on Grade for Building 2, 3, 1 4																							
Ready to accept Transformer	27-May-2022	02-Jun-2022	■ Ready to accept Transformer																							
Tilt-Up Forms Building 2, 3, 1, 4	17-Jun-2022	03-Nov-2022	■ Tilt-Up Forms Building 2, 3, 1, 4																							
Set Transformer	24-Jun-2022	30-Jun-2022	■ Set Transformer																							
Tilt Building 2, 3, 1, 4	09-Sep-2022	17-Nov-2022	■ Tilt Building 2, 3, 1, 4																							
Joist and Deck Building 2, 3, 1, 4	23-Sep-2022	03-Apr-2023	■ Joist and Deck Building 2, 3, 1, 4																							
Roofing / Dry in Building 2, 3, 4, 1	13-Oct-2022	21-Apr-2023	■ Roofing / Dry in Building 2, 3, 4, 1																							
Finishes - Building 2, 3, 1, 4	04-Nov-2022	24-May-2023	■ Finishes - Building 2, 3, 1, 4																							
Track & Playcourts	20-Jan-2023	04-May-2023	■ Track & Playcourts																							
Project Substantial Completion		26-May-2023	◆ Project Substantial Completion																							

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



Questions & Answers