

Franklin Elementary School

Early Education Classroom Building & Site Upgrades

FDAC PRESENTATION

November 12, 2024



AGENDA

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Project Introduction

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01

PROJECT INTRODUCTION

PROJECT INTRODUCTION

Project Overview

- Implementation of Phase 1 of Franklin Elementary School Master Plan
- Sequential construction schedule

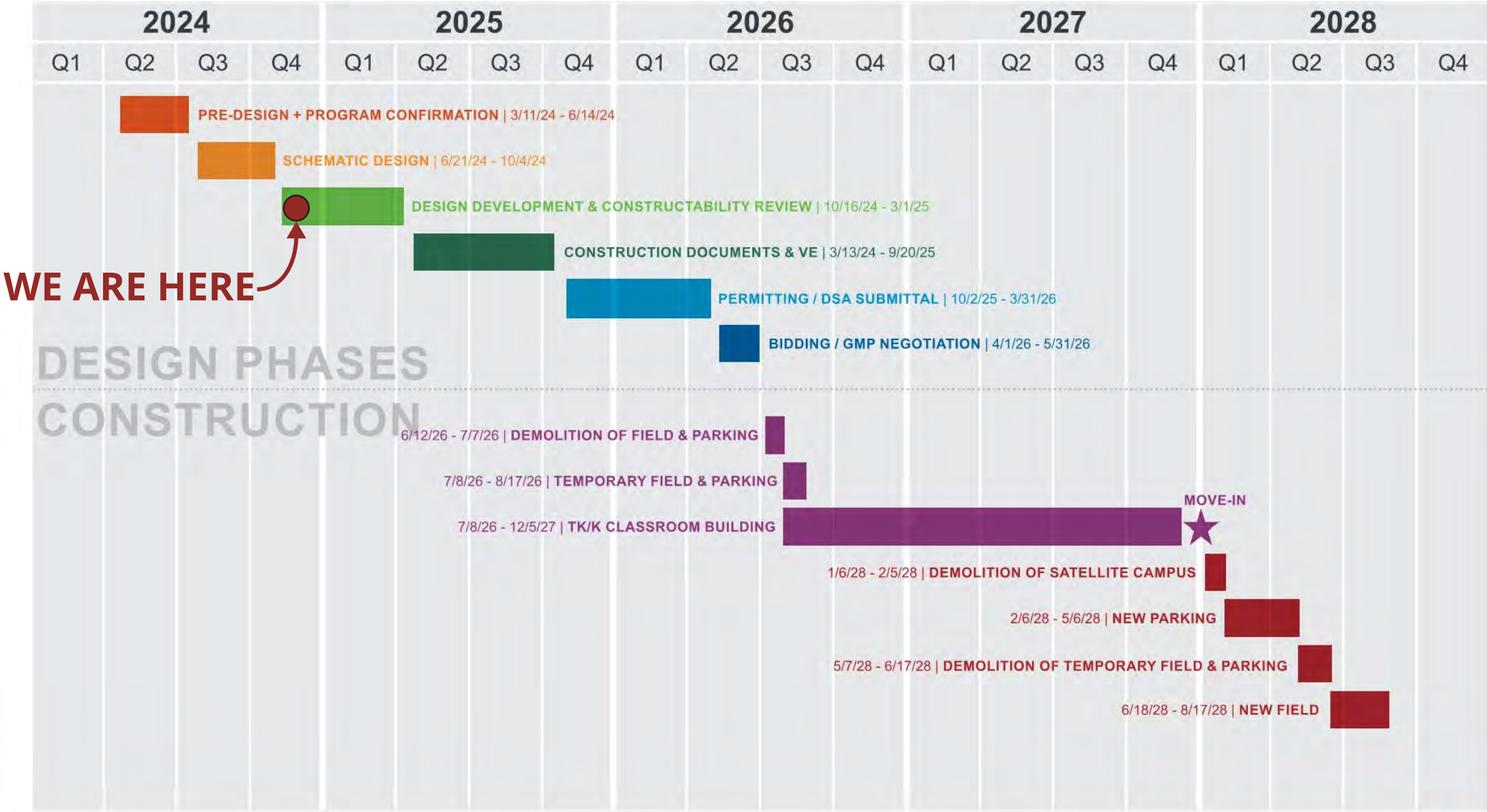
Program

- TK/K Classroom Building
 - **4** Kindergarten Classrooms
 - **3** Transitional Kindergarten Classrooms
 - **1** Teacher Collaboration Room
- U-10 Soccer Field
- Staff Parking Lot

02

PROJECT SCHEDULE

PROJECT SCHEDULE



03

SITE PLAN & LOGISTICS

SITE CONTEXT



FRANKLIN ELEMENTARY MASTER PLAN

FRANKLIN ELEMENTARY SCHOOL MASTER PLAN PHASING

- ① TK/K Classroom Building
U-10 Soccer Field
Staff Parking Lot
- ② 2-story Classroom Building
- ③ Makerspace
Kitchen / Cafe
Playground
- ④ Library
Music & Flex Sci / Art Building
Auditorium Building
Administration Building Reno.

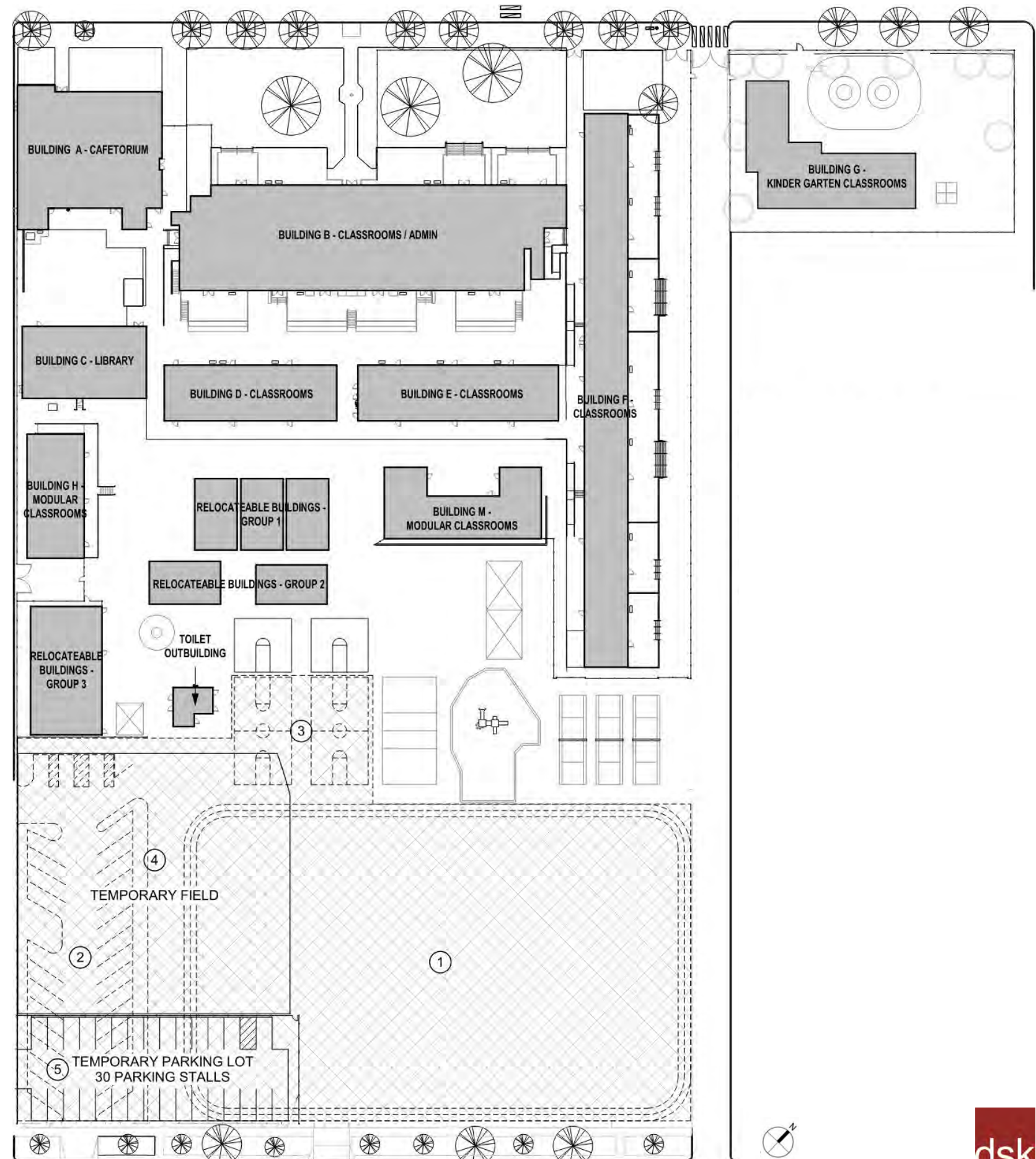


PROJECT PHASING

PHASE 1

Scope of Work

- ① Demolition of existing soccer field and asphalt track
- ② Demolition of parking lot
- ③ Demolition of (2) basketball courts
- ④ Construction of temporary field
- ⑤ Construction of temporary parking

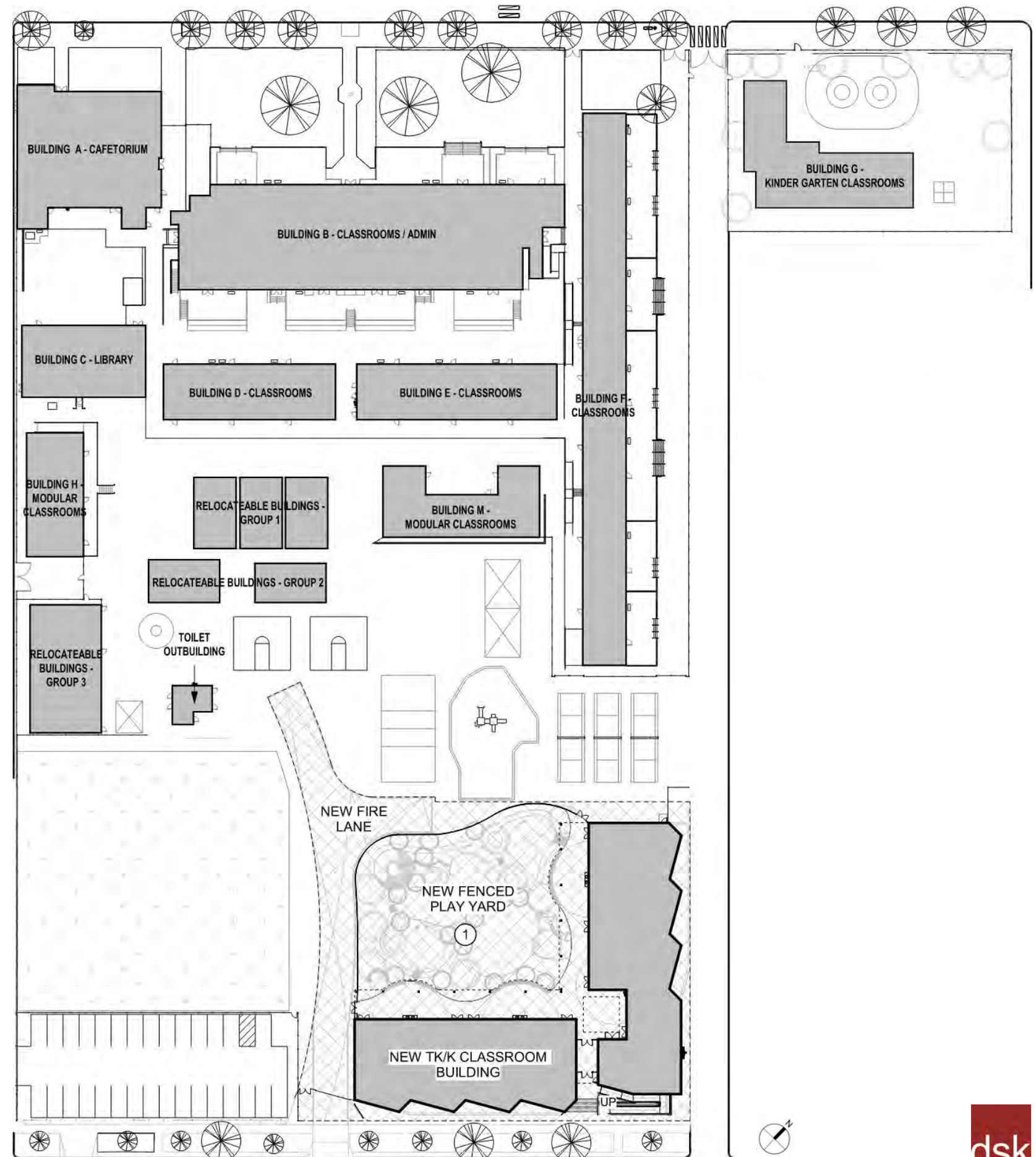


PROJECT PHASING

PHASE 2

Scope of Work

- 1 Build TK/K Classroom Building, fenced play yard, and fire lane

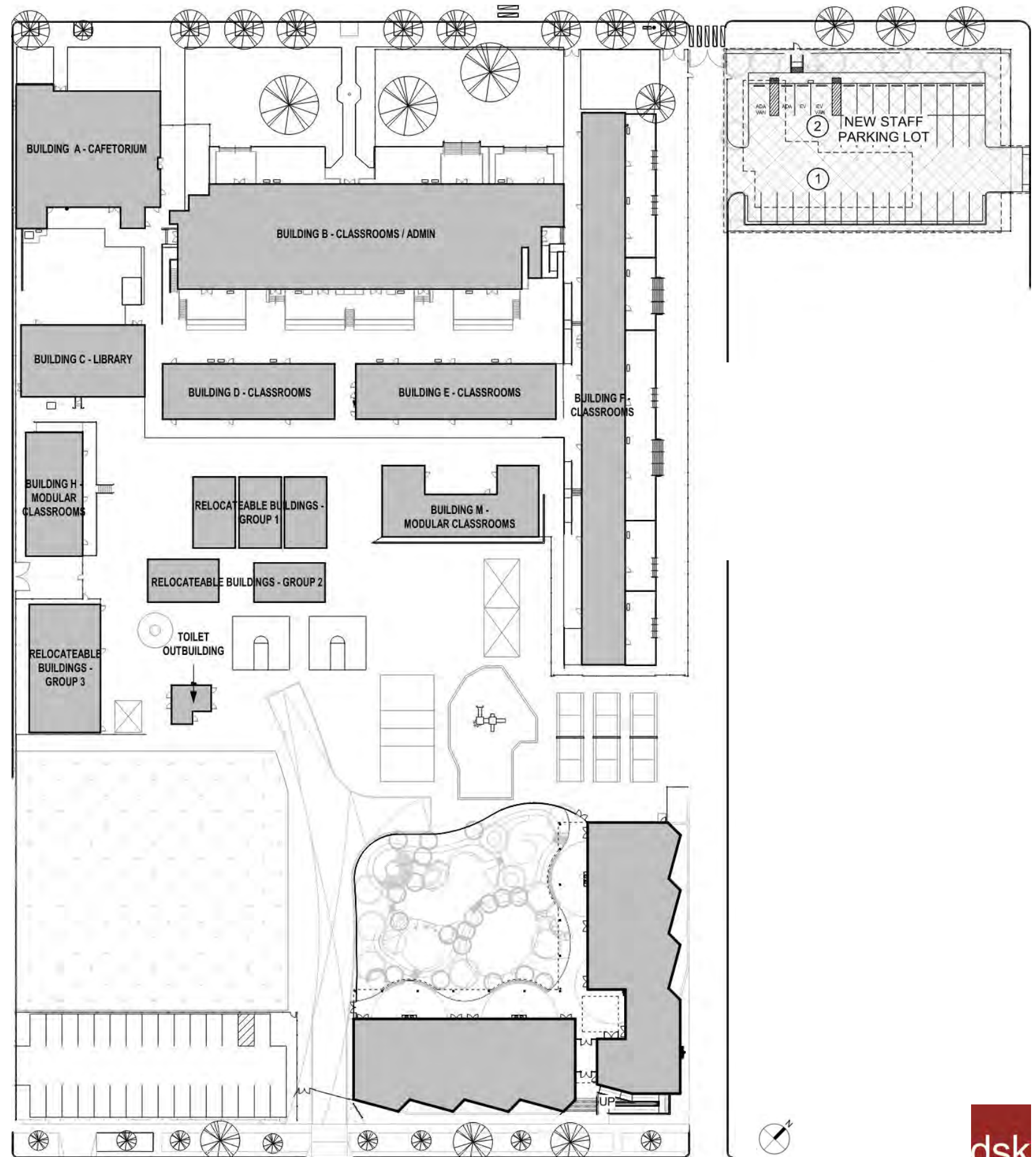


PROJECT PHASING

PHASE 3

Scope of Work

- ① Demolition of kindergarten satellite campus
- ② Construction of staff surface parking lot

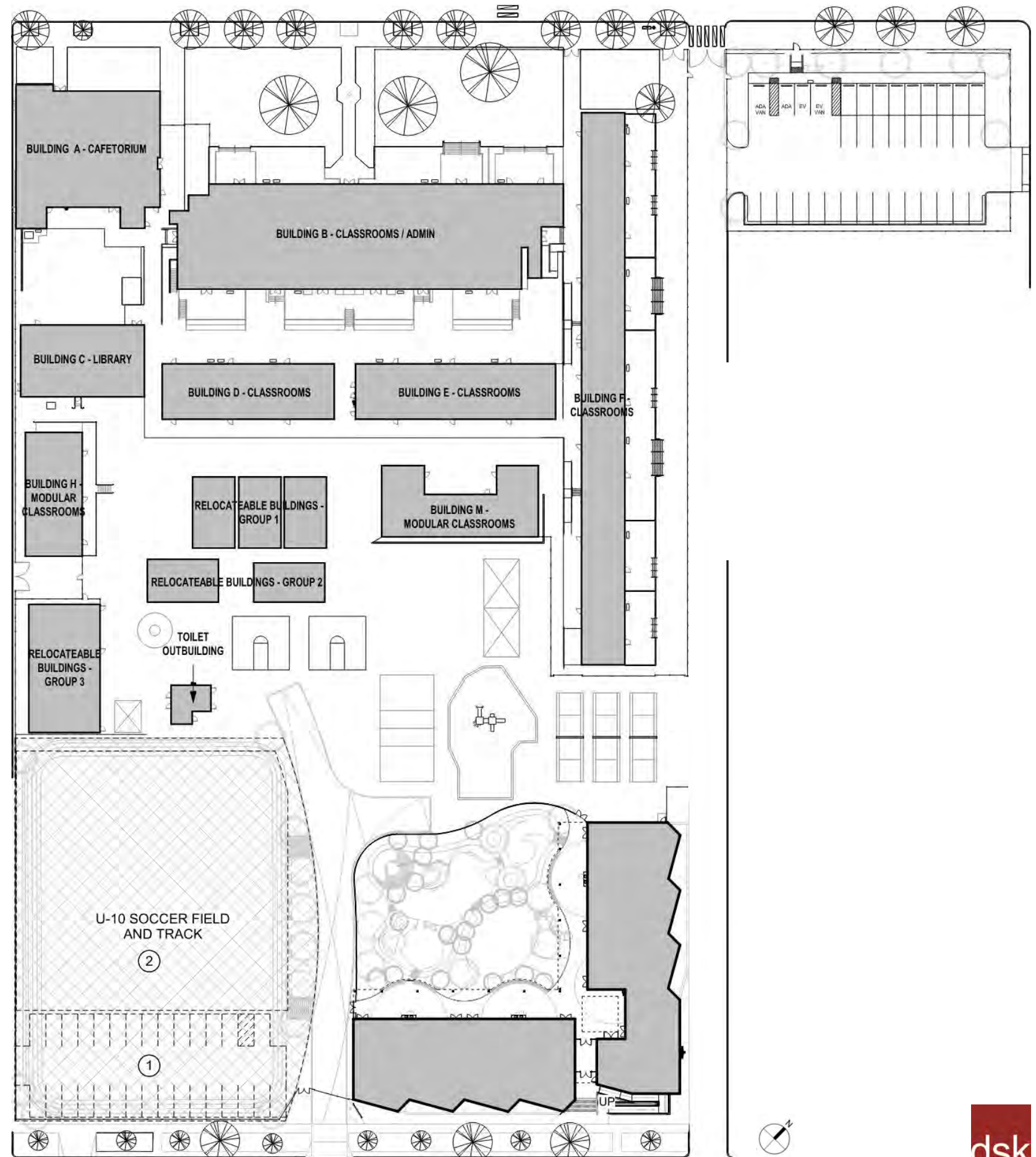


PROJECT PHASING

PHASE 4

Scope of Work

- ① Demolition of temporary field and parking lot
- ② Construction of U-10 soccer field and running track



04

BUILDING DESIGN

DESIGN CONCEPT | EXTERIOR

Controlling Visibility and Exposure

Security is of the utmost importance for the Franklin Elementary School campus. With the new Transitional Kindergarten and Kindergarten Classroom building sited on the perimeter of the campus, the building itself acts as a security boundary of the campus. Thus, the outward facing façades of the building are designed to limit visibility into the classrooms, by adopting a crenulated language which allows for openings into the short building walls.

A Building Scale that Relates to the Neighborhood

With the building articulation shaping the Idaho Avenue and the 24th Court alley frontage, the new classroom building nods to the residential scale of the neighborhood that it faces. As such, the 180 foot long façade on Idaho Avenue is broken down to five elements, and the alley facing frontage is broken down into four pieces.

Bringing Daylight through a 3rd Dimension

The crenulated design language expressed in plan view engenders a defensible architecture by controlling the lines of sight into the building, however it also limits the amount of natural light required for a teaching and learning environment. In order to mitigate this negative effect, the same crenulated design language is introduced to the roof line, generating a sawtooth roof which takes advantage of clerestories to bring in controlled light, deeper into the classrooms.



DESIGN CONCEPT | EXTERIOR



Grounding the Building

The wainscot is a design element applied to the base of a wall, differentiating it from the remainder of the vertical surface. It is utilized as a grounding element on the exterior of the new TK/K Classroom building, expressing a stronger base to the building. The wainscot base implements a more resilient and maintainable material where people come into contact with the building the most. As a design feature, it also wraps the entirety of the building and provides continuity from the outside to the inside of the building.

Expressing Site Specificity

The new TK/K Classroom building, sited on the corner of Idaho Avenue and the 24th Court Alley, experiences a significant sloping of the site from the East corner, upwards in either direction towards the alley and Idaho Avenue. The lowest point of the site being 4'-6" below the finish floor elevation of the new TK/K Classroom building.

In order to negotiate this elevation change, a stair and a ramp provide access at the Eastern corner of the building. These site elements reinforce the expression of the building's base, and accentuate the slope of the site against the level lines of the wainscot.

Furthermore, the wainscot serves an architectural datum for planting zones outside of the building's crenulated walls for an additional landscape buffer.

DESIGN CONCEPT | COURTYARD



Building as a Geode

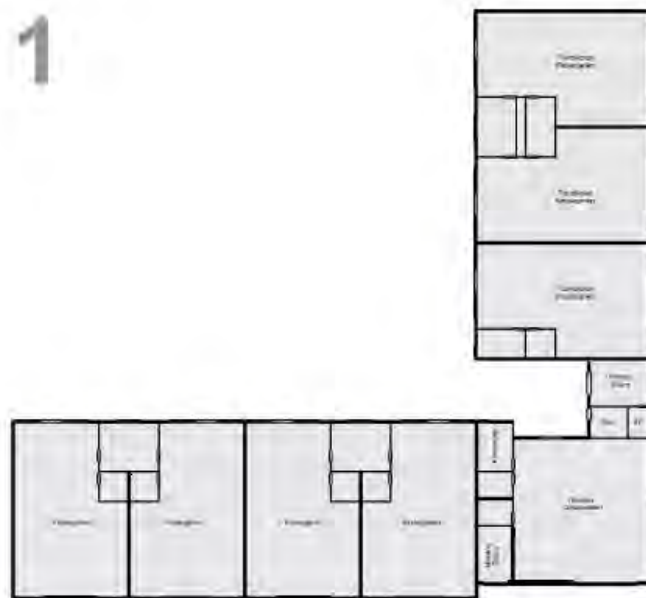
The new TK/K Classroom Building is inherently an interior-facing project. The safety and security requirements for an elementary school building fundamentally place a protective shell onto the building, in order to provide a sanctuary for a place of learning and discovery to the children on the inside. As such, the TK/K Classroom building can be equated to a geode, which has a durable outer wall that is more resistant to the environment, while its interior is able to showcase an atmosphere of exploration and discovery.



Courtyard as an Extension of the Learning Environment

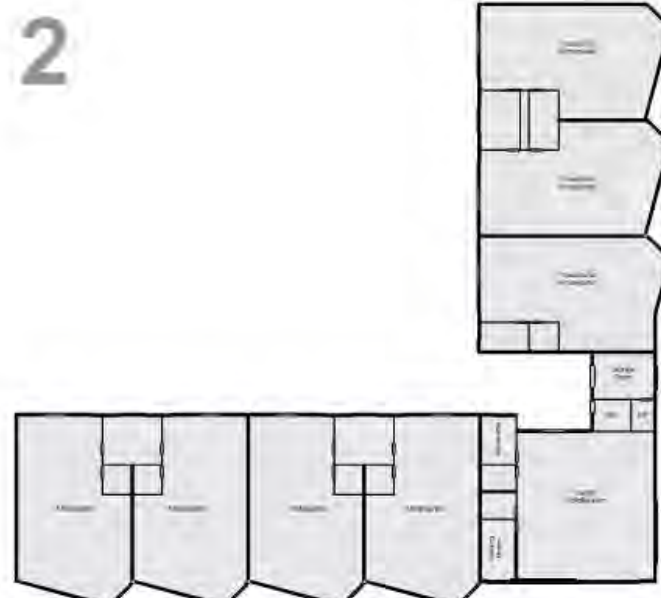
The interior of the TK/K Classroom building forms an L-shape, enclosing the courtyard from the street side. This courtyard is the jewel of the building, boasting a dedicated TK/K Play Yard with several different learning zones. To further encourage an indoor-outdoor learning environment, a tall canopy is extended outside of the classrooms yielding the required outdoor classroom space. To further blur the line from interior to exterior, the classroom walls have a large expanse of glazing opening to the courtyard. Natural materials like the wood of the columns and canopy are paired with concrete to complement the landscaped Play Yard, and contribute to the Reggio Emilia pedagogy, allowing children to discover and learn through architecture and their environment.

PLAN DEVELOPMENT DIAGRAM



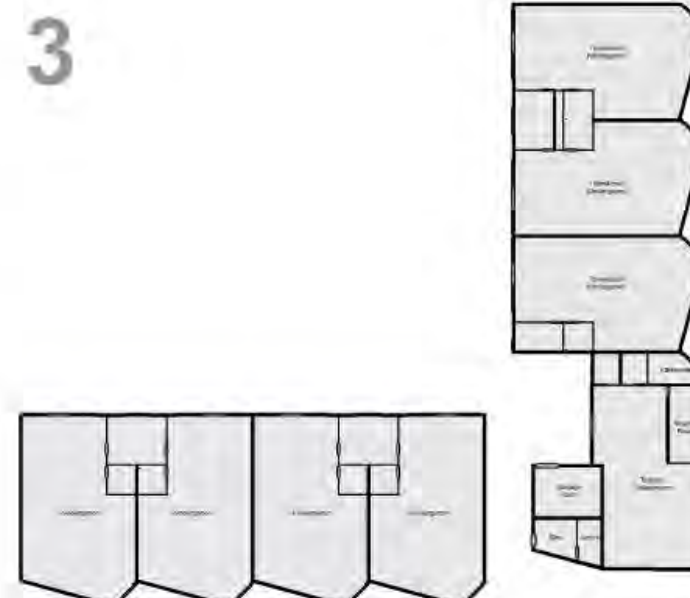
Starting Building Block

The building blocks are laid out per the required and desired adjacencies. The three TK classrooms are grouped in the short leg of the L-shape, and the four K classrooms make up the longer leg of the L-shape. At the elbow of the building configuration is the Teacher Collaboration room and support program.



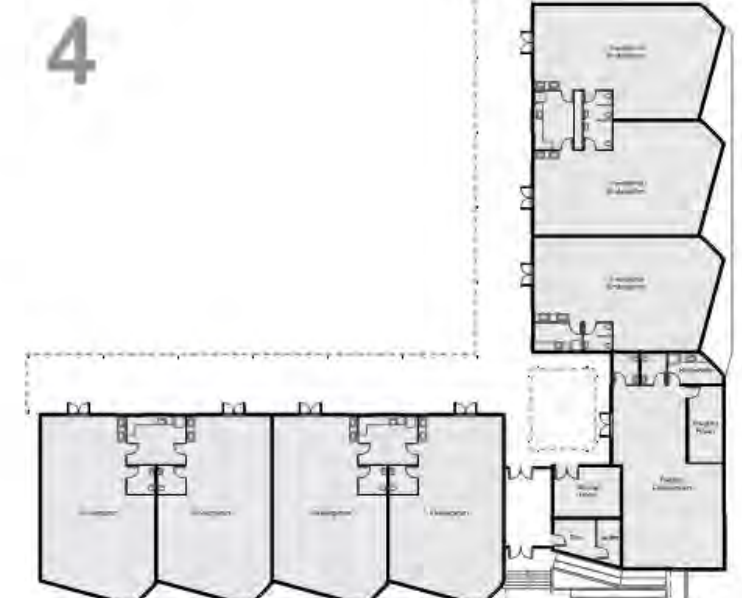
Development of Façade articulation

The building mass is articulated at the public, exterior sides of the building. The serrated language breaks up the two long façades and provides a relief for the deliberate placement of windows. This manipulation controlled the visibility into the classrooms. Additionally, the street facing façades mimic the scale of the residential neighborhood that the building is sited in.



Creation of Building Entry

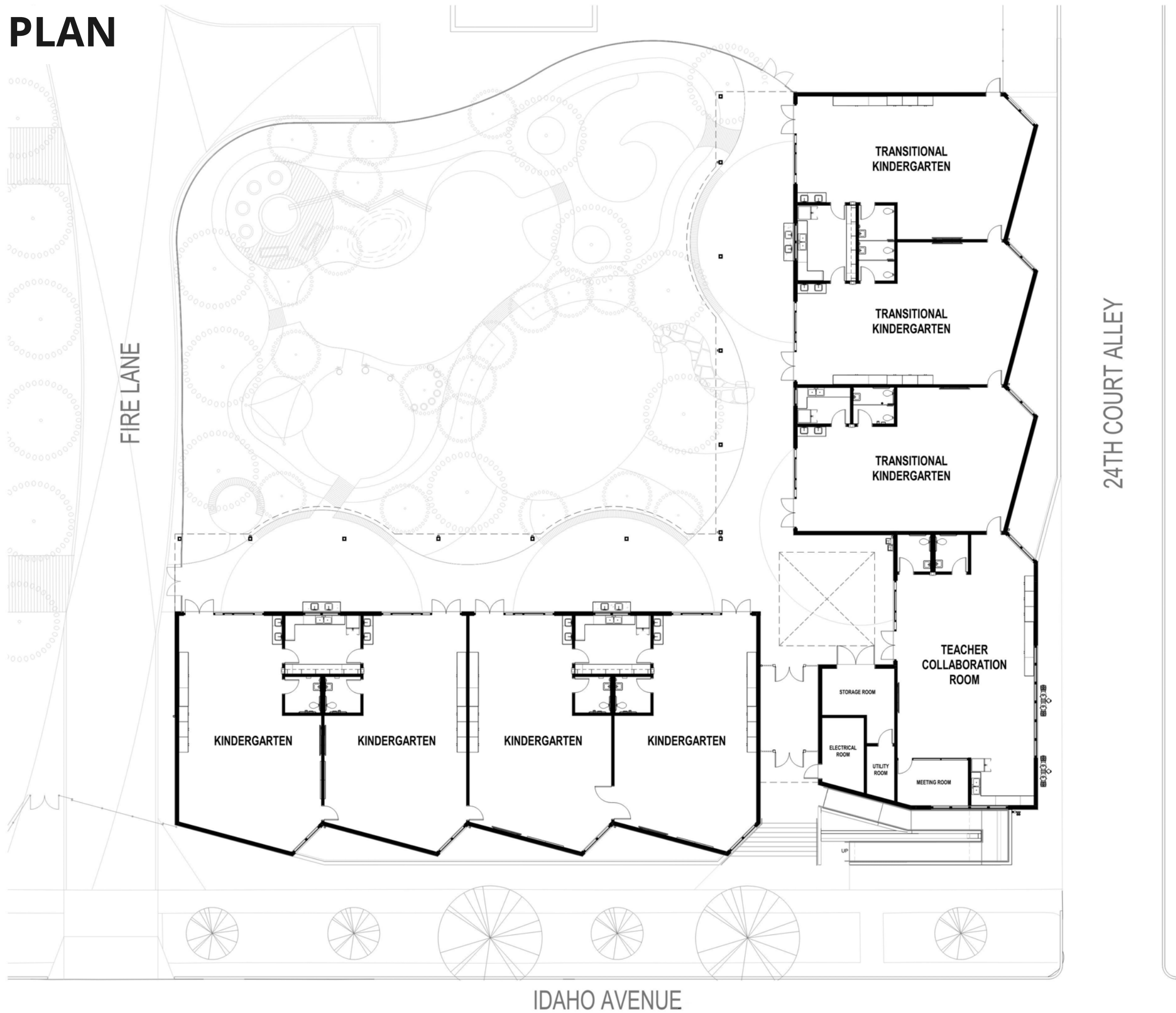
To further control access to the secured TK/K complex, a separate entrance is dedicated adjacent to the Teacher Collaboration room. The gated breezeway opens into a gathering area in front of the Teacher Collaboration space, further facilitating the student drop-off and pick up experience.



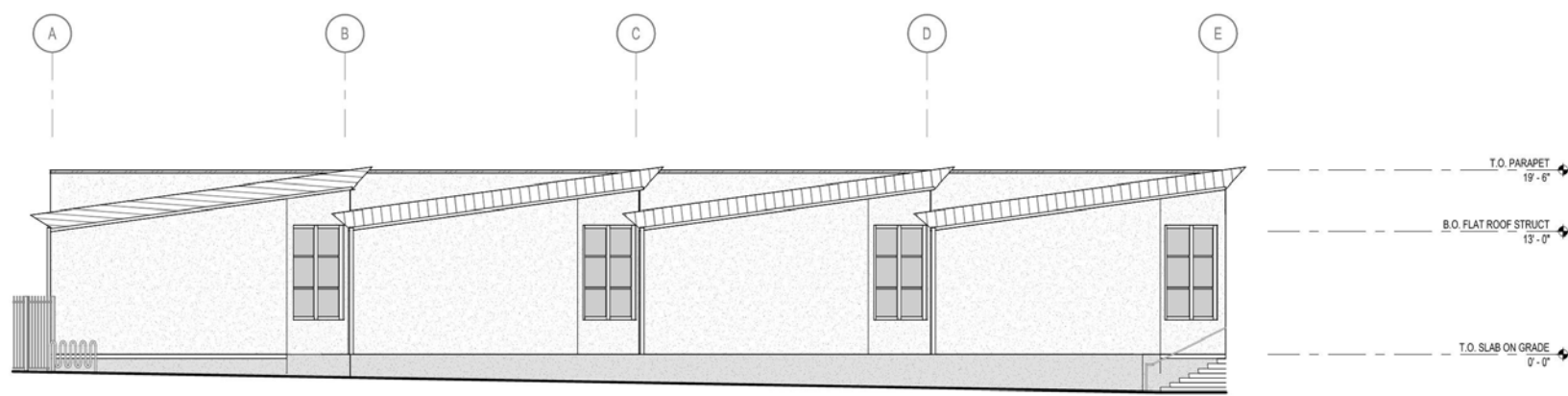
Crafting the indoor-outdoor experience

All indoor spaces are linked by a canopy, which promotes a greater connection to the outdoors. The large canopy provides ample room for the classrooms to be extended to the outdoor learning environment, encouraging the Reggio Emilia educational philosophy. The natural materials in this roof element is carried from the courtyard side to the street side entry to allow for a reading of this pedagogy by the community it serves.

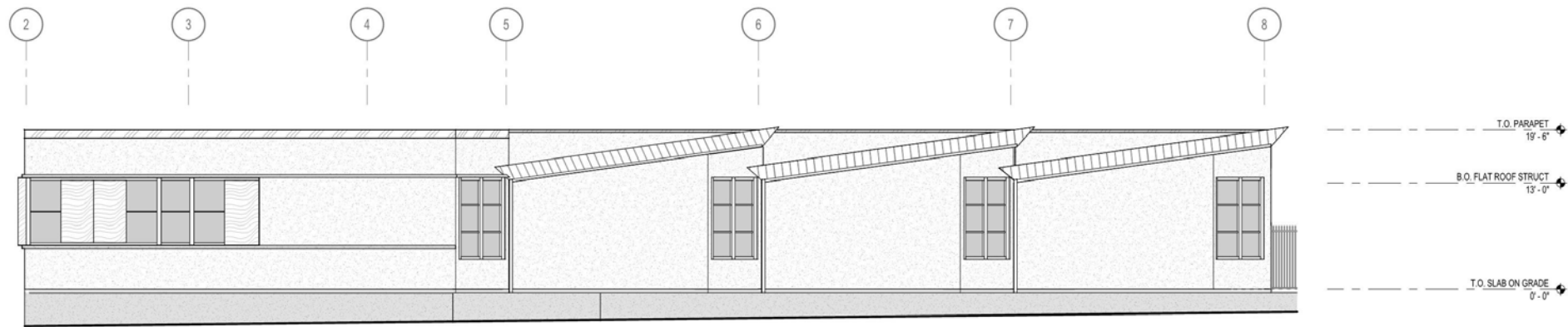
FLOOR PLAN



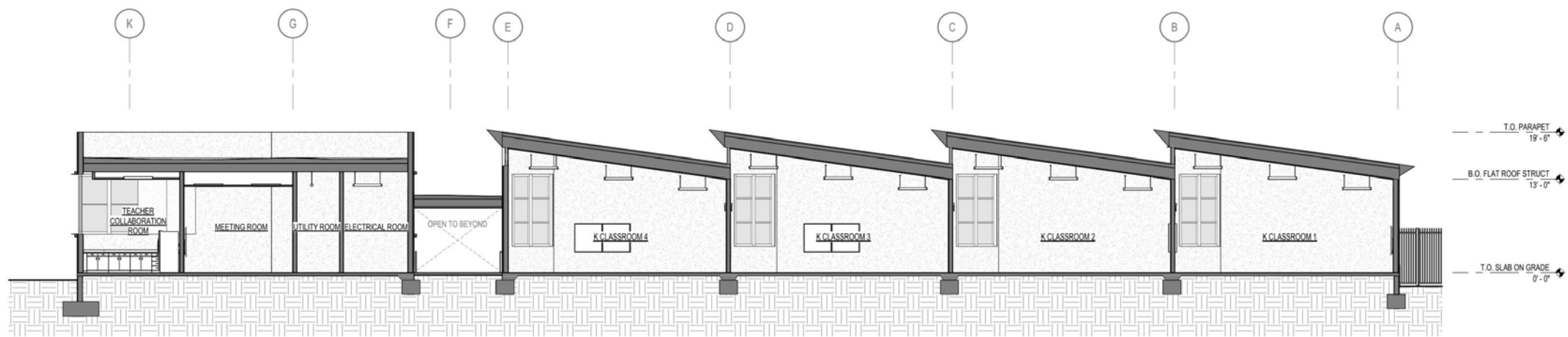
BUILDING ELEVATIONS & SECTION



1 IDAHO AVENUE ELEVATION

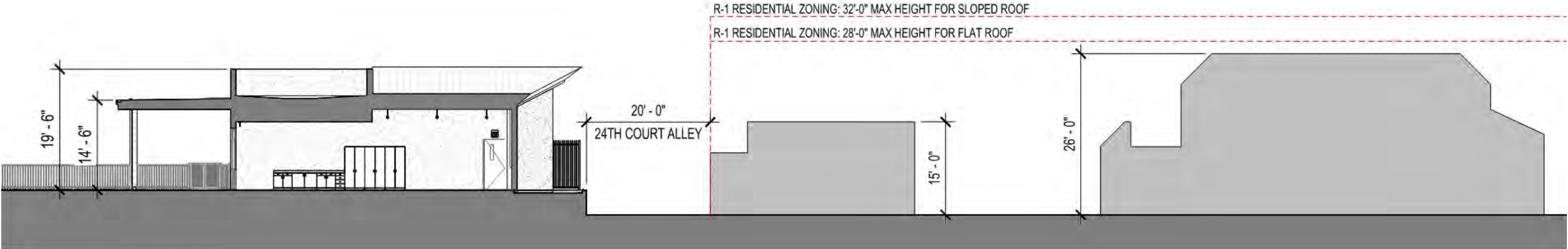


2 24TH COURT ALLEY ELEVATION

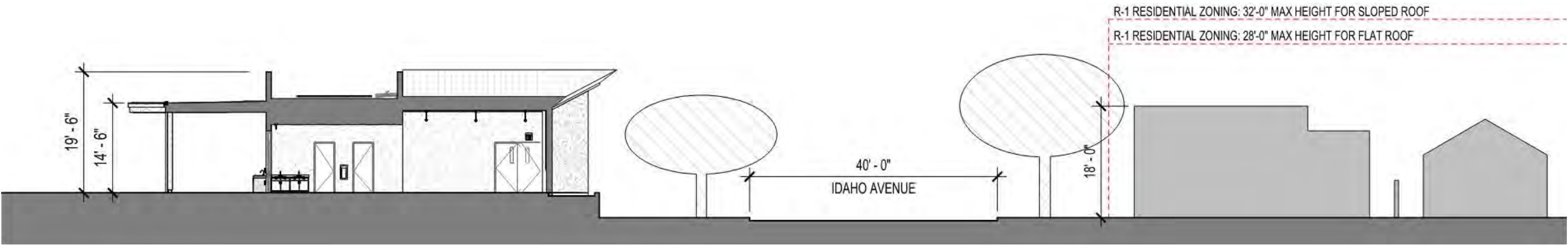


3 BUILDING A - LONGITUDINAL SECTION

SITE SECTIONS

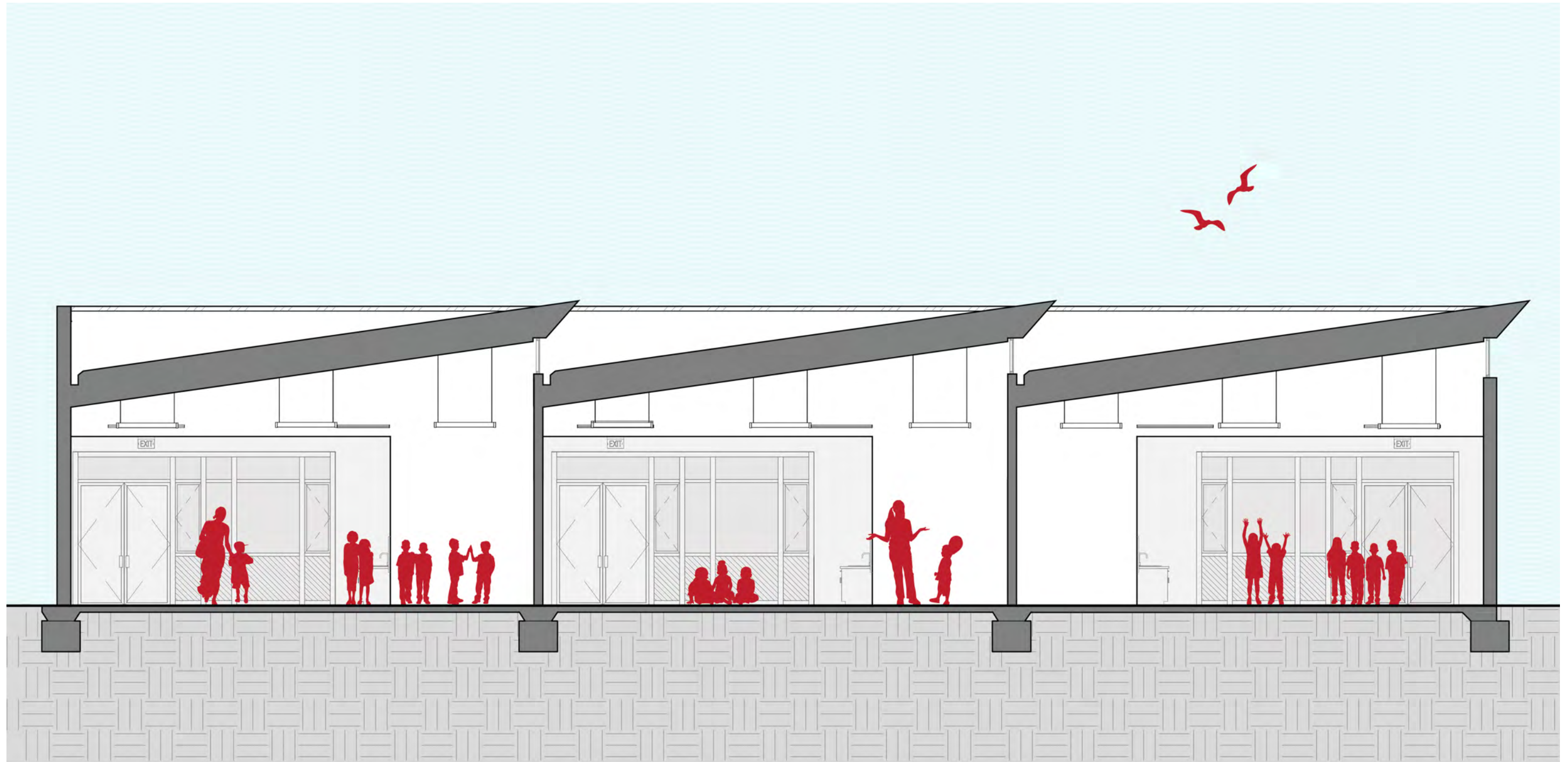


1 24TH COURT ALLEY - SITE SECTION



2 IDAHO AVENUE - SITE SECTION

CLASSROOM SECTION



CLASSROOM RENDERING



TRANSITIONAL KINDERGARTEN PRECEDENTS



Beach Park Elementary School
Foster City, CA



Hatch Elementary School
Half Moon Bay, CA

05

SITE DESIGN

SITE PLAN

23RD COURT ALLEY

24TH COURT ALLEY

IDAHO AVE



PLAYGROUND LAYOUT



- LEGEND**
- 1 Outdoor Classroom
 - 2 Flex Space
 - 3 Wash Zone
 - 4 Lawn
 - 5 Play Structure
 - 6 Mound with Slide and Cave
 - 7 Sand Pit with Lid
 - 8 Veggie Planters
 - 9 Water Tables
 - 10 Wooden Planks
 - 11 Rain Garden
 - 12 Boulder Hop
 - 13 Log Steppers
 - 14 Geology Path
 - 15 Reading Nook
 - 16 Pedestrian Gate
 - 17 Basketball Hoops
 - 18 TK/K Entrance
 - 19 Sliding Firelane Gate
 - 20 Spectator Seating
 - 21 Artificial Turf Field
 - 22 Artificial Turf Track
 - 23 Raised Planters with Defensible Planting
 - 24 Round Concrete Seating

SCHEMATIC LANDSCAPE IMAGERY



ROUND STEPPERS THROUGH NATURE



FIRE LANE WITH CONTRASTING PAVING PATTERN



LUSH PLANTING SURROUNDING NATURAL PLAY ELEMENTS



POLLINATOR GARDENS



MOUND WITH SLIDE, WOOD DECKING, BIRD HOUSES



ARTIFICIAL TURF FIELD AND TRACK



RAISED BEDS FOR EDIBLE GARDENS



EDUCATIONAL RAIN GARDEN WITH BOULDERS



PLAYFUL CROSSINGS THROUGH PLANTED AREAS



WEAVING PLAY SPACES WITH NATURE

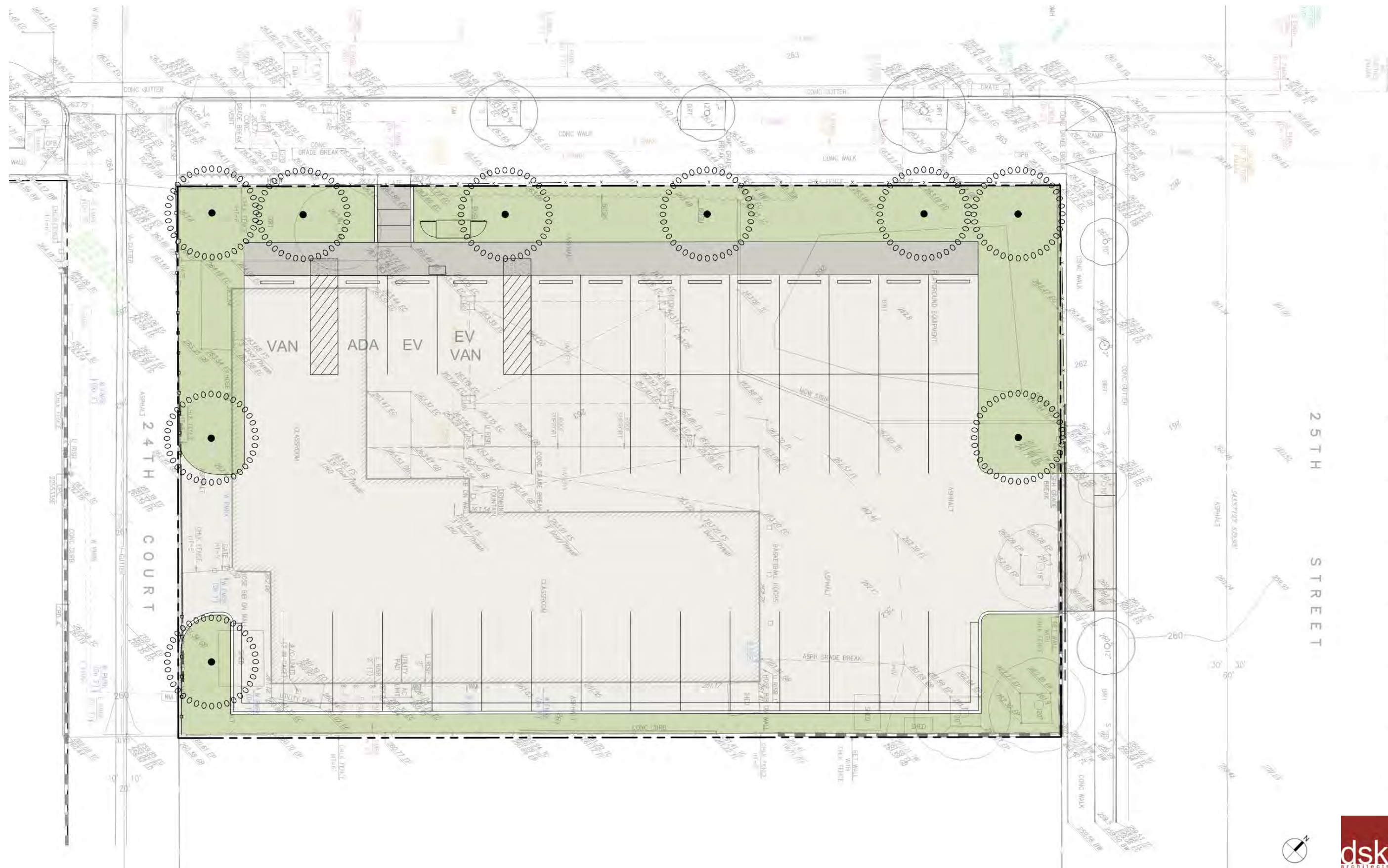


DEFENSIBLE PLANTINGS ALONG SITE PERIMETER



TRICYCLE TRACK

SATELLITE CAMPUS STAFF PARKING



06

PROJECT RENDERINGS

AERIAL VIEW FROM IDAHO AVENUE



VIEW FROM IDAHO AVENUE | TK/K DROP-OFF



VIEW FROM IDAHO AVENUE | MAIN CAMPUS ENTRANCE



VIEW OF OUTDOOR CLASSROOM & PLAY YARD



VIEW OF OUTDOOR CLASSROOM & PLAY MOUND



THANK YOU



Santa Monica-Malibu Unified School District
Franklin Elementary School TK/K Classroom Building & Site Upgrades