



Existing Condition



Re-landscape  
Pedestrian Edge

Wood Panels

Vestibule

Brick  
White to Light Gray  
Tones

Delivery Truck  
Entry Gate



High School Parcel



Northeast View Existing Facade & Parking

1



North View Existing Facade & Parking

2



Northeast View Existing Facade & Parking

3



North View Existing Facade & Parking

4



East View Existing Rec. Center & Facade

5



Southeast View Existing Rec. Center

6



South View Existing Rec. Center

7



South View Baseball Field & Rec. Center

8



East View Existing Rec. Center & Facade

9



Southeast View Existing Rec. Center

10



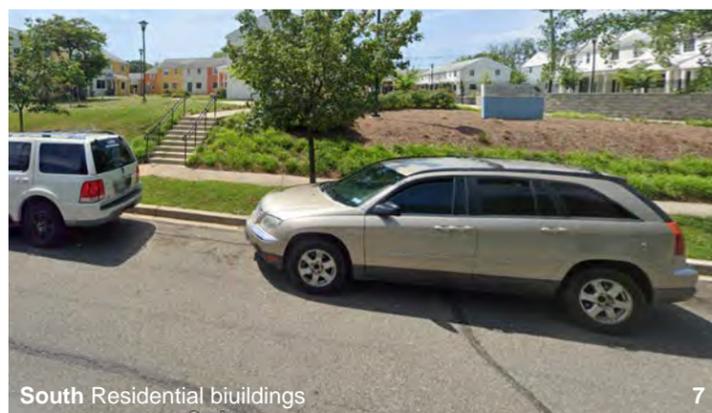
Southwest View

11



Northwest View

12





Existing Condition



Playground Area

Baseball Field

Basketball Court

Community Recreation Center

Biofilter

Parking Lot



Existing Condition



High School

Native Plant Garden &  
Outdoor Classroom

Athletic Field

Community Garden  
Space





Playground Area

Baseball Field

Basketball Court

Community Recreation Center

Parking Lot

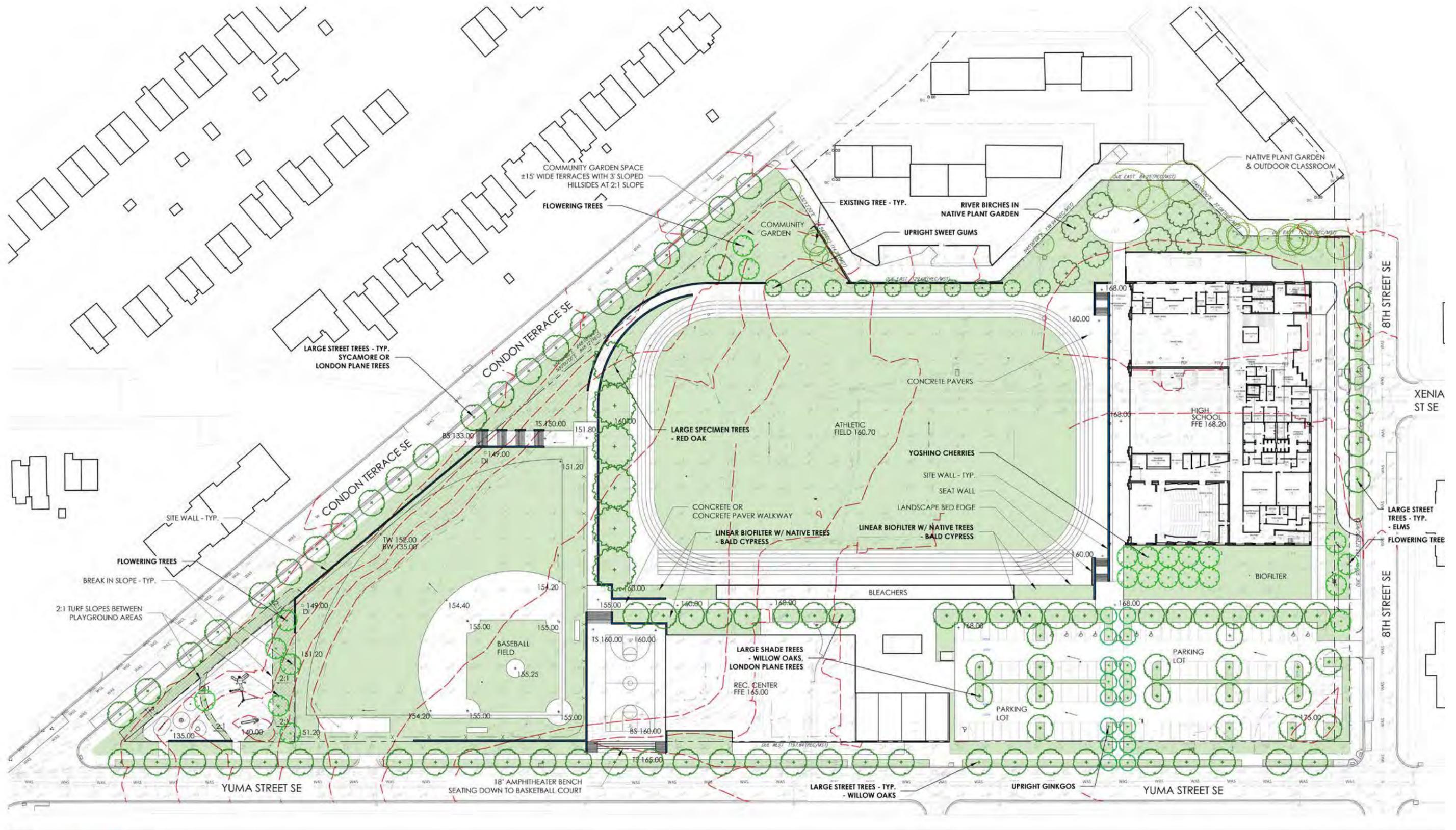
Biofilter

High School

Community Garden

Track and Field







*Acer Rubrum* 'October Glory' / Red Maple

*Platanus acerifolia* / London Plane Tree

*Quercus palustris* / Pin Oak



*Quercus Phellos* / Willow Oak

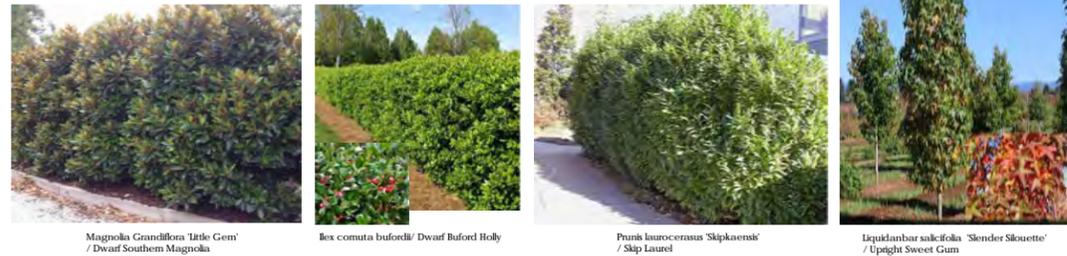
*Quercus Rubra* / Southern Red Oak



*Ulmus americana* / American Elm

*Ulmus parvifolia* 'Alee 2' / Chinese Elm

1 STREET TREES AND LARGE CANOPY TREES



*Magnolia Grandiflora* 'Little Gem' / Dwarf Southern Magnolia

*Ilex cornuta bufordii* / Dwarf Burford Holly

*Prunus laurocerasus* 'Skooplaensis' / Skip Laurel

*Liquidambar styraciflua* 'Slender Silhouette' / Upright Sweet Gum



*Juniperus virginiana* 'Grey Owl' / Grey Owl Juniper

*Hypericum frondosum* 'Sunbunt' / St. John's Wort

*Prunus laurocerasus* 'Otto Layken' / Cherry Laurel

*Viburnum burkwoodii* 'Conoy' / Conoy Viburnum

3 HEDGES AND SCREENS



*Cornus Florida* / Dogwood

*Cercis canadensis* / Redbud



*Lagerstroemia indica* 'Natchez' / Crape Myrtle

*Magnolia virginiana* / Sweetbay Magnolia

2 FLOWERING AND ORNAMENTAL TREES



*Gonkgo biloba* 'Princeton Sentry' / Upright Gaikgo

*Magnolia grandiflora* / Southern Magnolia

PLANT PALETTE NARRATIVE:

The majority of plants will be regionally native, with a few exceptions where durable non-native, non-invasive species will be beneficial due to their particular attributes. It is understood that this is to be a high-traffic, heavily used school and recreational environment and all the proposed plants must be resilient, tough, and low maintenance. Our criteria are also that they are hardy, readily available, and grow well in this region. The planting design has several goals including:

- Providing an aesthetically pleasing and visually stimulating environment.
- Climate attenuation by providing shade and cooling effect and wind breaks.
- Structuring the site and helping with the creation of a sense of place, and outdoor rooms as well as fostering school identity.
- Wildlife benefits, particularly for pollinators and migratory songbirds that depend on native plants.
- Educational Benefits.

This last point is emphasized with the idea that native plants can contribute to the school's educational mission and provide opportunities for outdoor learning and understanding the local environment. We are endeavoring, where possible, to provide approximations of local plant communities in some small areas of the site. For example, the proposed Biofilter Outdoor Learning Lab references the floodplains of the Potomac and Anacostia River and the meadow hillside the endangered Piedmont prairies of Maryland and Virginia.



*Betula Nigra* / River Birch



*Amelanchier arborea* / Serviceberry

*Liquidambar styraciflua* 'Rotundiloba' / Sweet Gum

*Taxodium distichum* / Bald Cypress

*Quercus bicolor* / Swamp White Oak



*Aronia arbutifolia* 'Bellaissima' / Red Chokeberry

*Cornus sericea* 'Arctic Fire' / Red Twig Dogwood

*Ilex glabra* 'Shamrock' / Inkberry Holly

*Itea virginica* 'Henry's Garnet' / Virginia Sweetspire

*Amsonia tabernaemontana* / Arkansas Blitar



*Carex flacca* / Blue Sedge

*Solidago rugosa* 'Fireworks' / Fireworks Goldenrod

*Muhlenbergia capillaris* / Pink Muhly Grass

*Ilex verticillata* 'Red Spite' / Winterberry Holly

4 BIOFILTERS AND WETLAND/ENVIRONMENTAL LEARNING LAB PLANTS



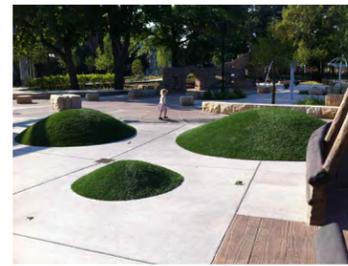
Biofilter with *Panicum virgatum* 'Shenandoah' / Shenandoah Switch Grass



FUN AND BRIGHT COLORED STRUCTURES



COOPERATIVE PLAY



PARK-LIKE SETTING



LANDFORM PLAY



FUN AND BRIGHT COLORED STRUCTURES



UNIFIED DESIGN AND COLOR COMBINATION



INTEGRATED PLAY WITH TOPOGRAPHY



**PLAYGROUND NARRATIVE:**

The goal of the design is to provide a safe, fun, and durable play environment that utilizes the best ideas in current child play and development. It should help foster healthy social connections, interactive and collaborative play, and a connection with the outdoors and the natural world. In addition, it is to be a cohesive and integrated design that adds to the character and quality of the neighborhood.



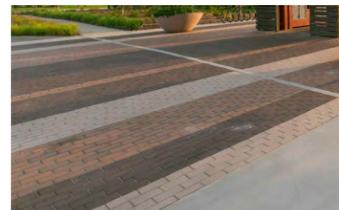
RETAINING WALLS TYPE 1: HILLSIDE WALL



**1 PLAYGROUND AND EQUIPMENT**



EAST WEST AXIS PAVERS - PAVER BANDS



NORTH SOUTH AXIS PAVERS - STAGGERED RUNNING BOND PAVERS

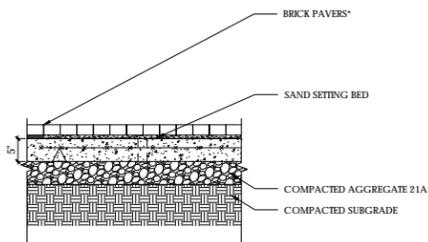


INTERSECTION PLAZAS - COLORED CONCRETE



PARKING LOT POROUS PAVING

**3 PAVING**



**PAVING NARRATIVE:**

The paved surfaces with their bold patterns are meant to provide a pleasing and stimulating visual experience as well as enjoyable textures for walking and play. A change in color and texture from pavers to textured concrete to crushed stone and composite play courts, provides a range of experiences and sensations. Paving patterns that change when walking on the north-south or the east west axis help with wayfinding and interest. Extensive use of porous pavements helps mitigate runoff and protect the watershed.



BLUESTONE PAVING

**2 WALLS, STAIRS, AND SEATS**



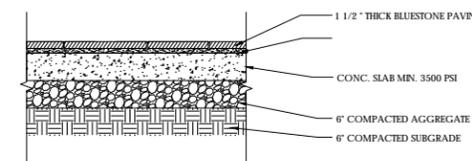
RETAINING WALLS TYPE 2: LOW SITE WALLS



AMPHITHEATER - BLEACHER SEATING



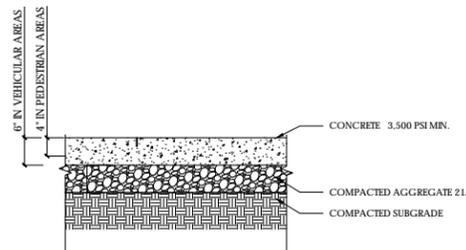
STAIRS WITH LIFT HANDRAIL



**WALLS, STAIRS, AND SEATS NARRATIVE:**

These large site structures are designed to be durable while supporting and contributing to the contemporary aesthetic of the overall project. Utilizing simple and affordable materials like poured concrete and segmental walls, their forms, color, and execution are chosen to coordinate with the High School and Recreation Center buildings. This will provide help provide project cohesion across the site and support a sense of school identity and place.

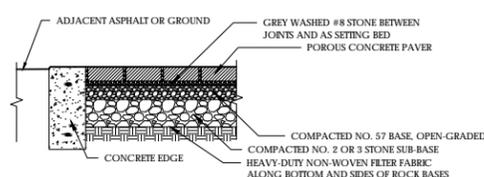
In support of the project's sustainability goals and fiscal realities, all materials will be regionally sourced and the building methods typical of local practice.



CRUSHED STONE PLAZA WITH TREES

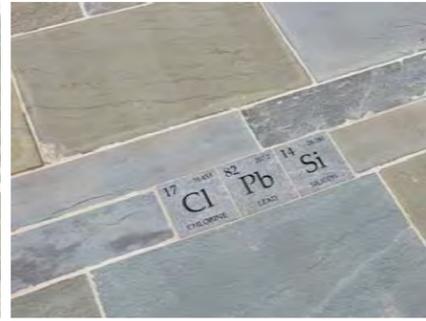


TREE WELL IN CRUSHED STONE

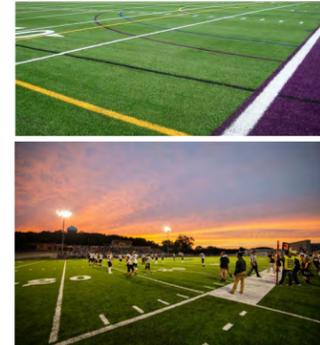




BOARDWALK ENTRY WITH BRIDGE OVER BIOFILTER



EDUCATIONAL DETAILS



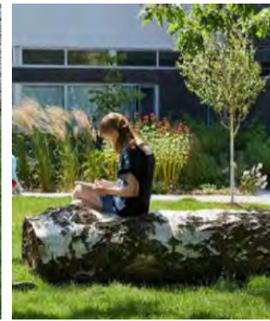
SYNTHETIC MULTIPURPOSE ATHLETIC FIELD



SYNTHETIC TRACK AROUND MULTIPURPOSE FIELD



OUTDOOR CLASSROOM WITH CHALKBOARD AND MOVABLE CHAIRS



NATURAL BOULDER OR LOG SEATING



FOUL POLES, BATTING CAGES, BACKSTOPS, ATHLETIC LIGHTING, FIELD GOALS, & ATHLETIC FENCING

1 OUTDOOR ENVIRONMENTAL LEARNING LAB & BIOFILTER

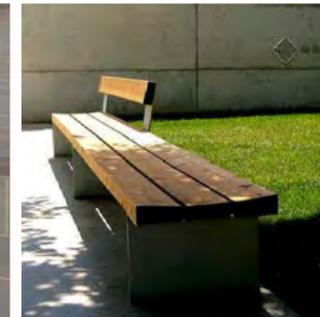
OUTDOOR ENVIRONMENTAL LEARNING LAB NARRATIVE:

Several areas on site provide the potential for outdoor education and learning. Immediately south of the school is a grove of trees with benches and lawn that can be used for recreation or as an ideal place for an outdoor class on a nice day. At the north end of the school, a terrace of local stone with a few boulder seats, sits in the midst of a biofilter planted with native plants typical of the floodplains of the Potomac Fall Line. We call this the Outdoor Learning Lab. Here students get to experience, in a safe environment, local nature, plant communities, and geology.

2 ATHLETIC FIELD FURNISHING



BENCHES



POLE LIGHTS

SITE FURNISHING NARRATIVE:

Site furniture is to be modest, durable, and meet goals for regional and sustainable sources.



GUARD RAILS



BIKE RACKS



TRASH CANS



ACCESSIBLE DRINKING FOUNTAINS



POLE LIGHTS

3 SITE FURNISHING



Existing Condition



High School

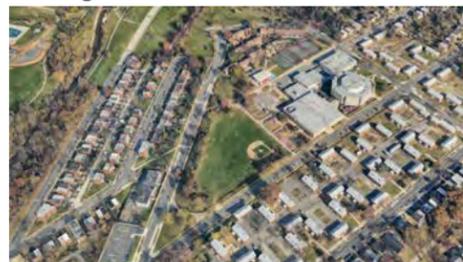
Native Plant Garden & Outdoor Classroom

Athletic Field

Community Garden Space



Existing Condition



Playground Area

Baseball Field

Basketball Court

Community Recreation Center

Biofilter

Parking Lot



Existing Condition



Re-landscape  
Pedestrian Edge

Wood Panels

Vestibule

Brick  
White to Light Gray  
Tones

Delivery Truck  
Entry Gate



Existing Condition



Wood Panels

Brick  
White to Light Gray  
Tones

Glazing

Athletic Field







2 WEST ELEVATION  
SCALE: 3/32" = 1'-0"



1 EAST ELEVATION  
SCALE: 3/32" = 1'-0"

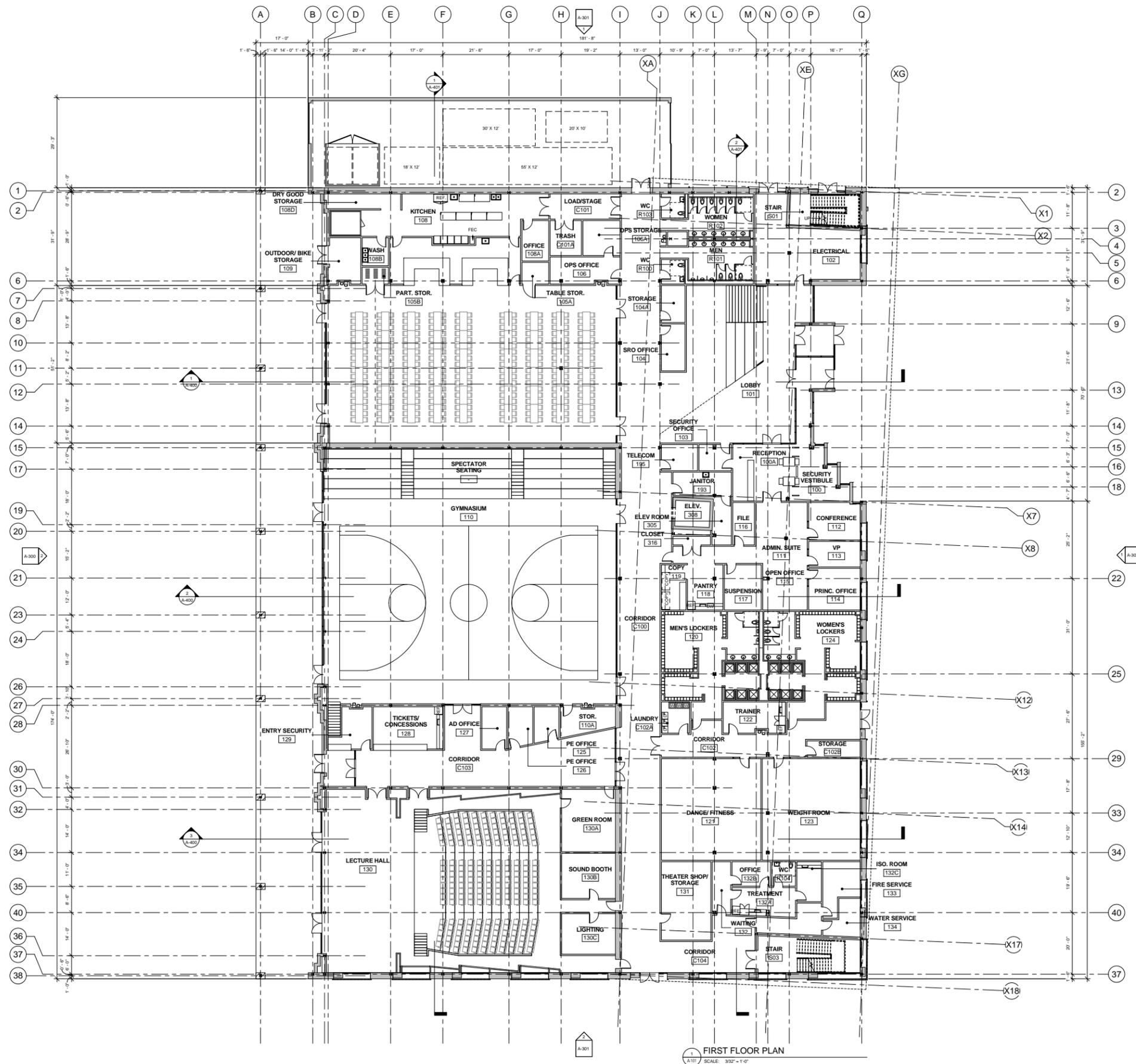
DC. FEREBEE HOPE	OWNER	ARCHITECT	MEP ENGINEER	GEOTECHNICAL + ENVIRONMENTAL ENGINEER	LANDSCAPE ARCHITECT	KEY PLAN	NO.	DATE	DESCRIPTION	SCHEMATIC DESIGN DRAWINGS
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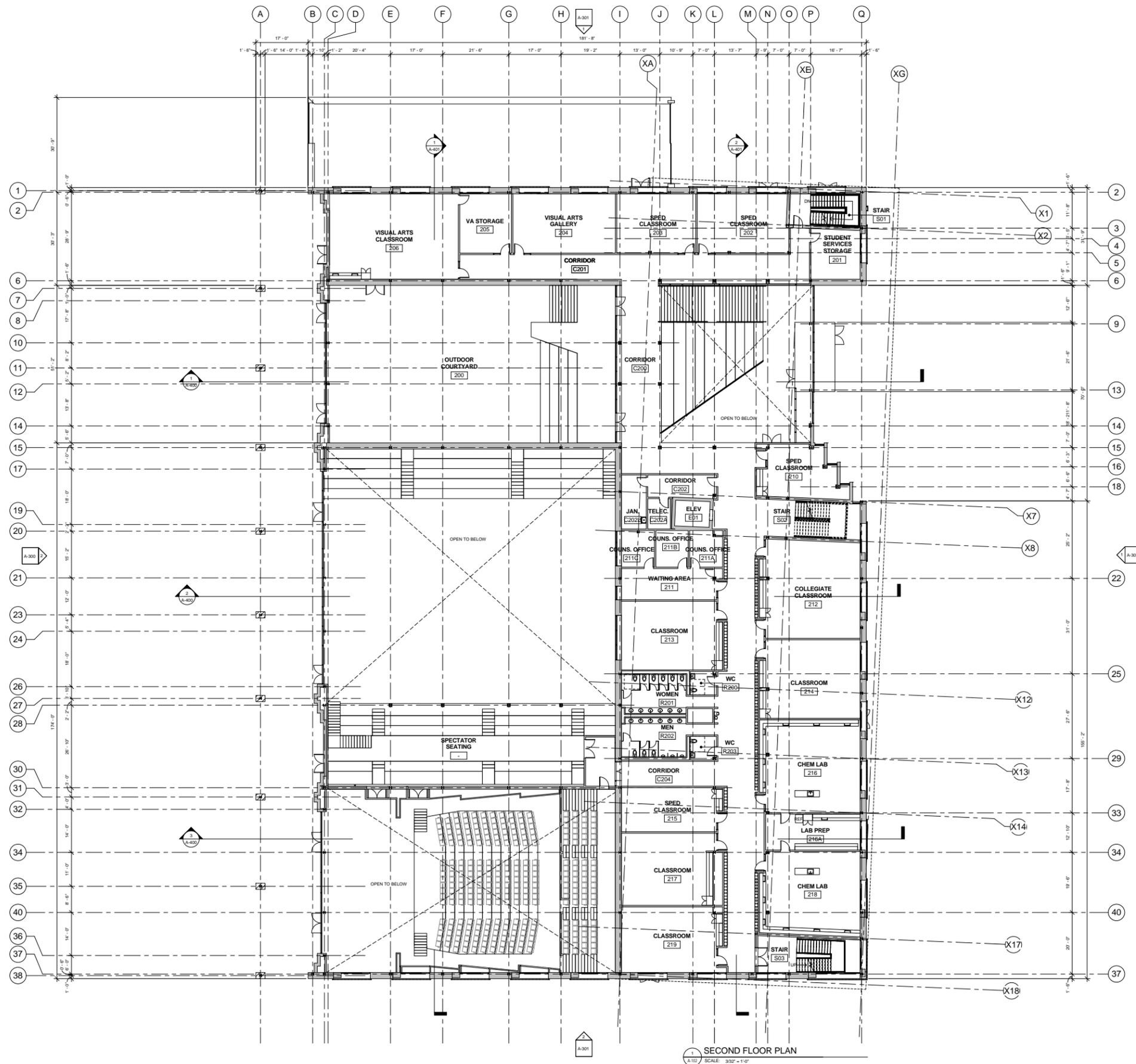
2 SOUTH ELEVATION  
SCALE: 3/32" = 1'-0"



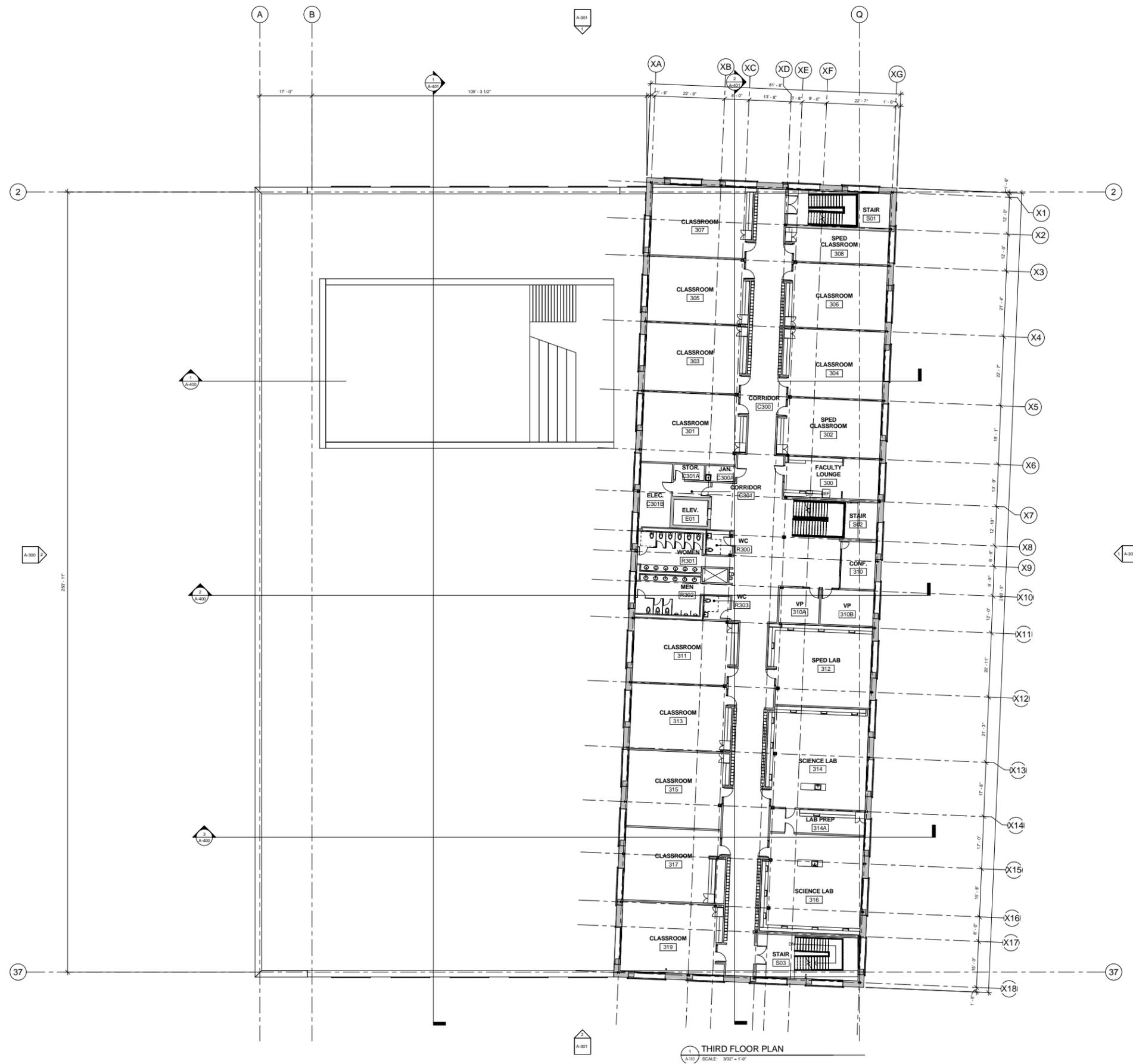
1 NORTH ELEVATION  
SCALE: 3/32" = 1'-0"

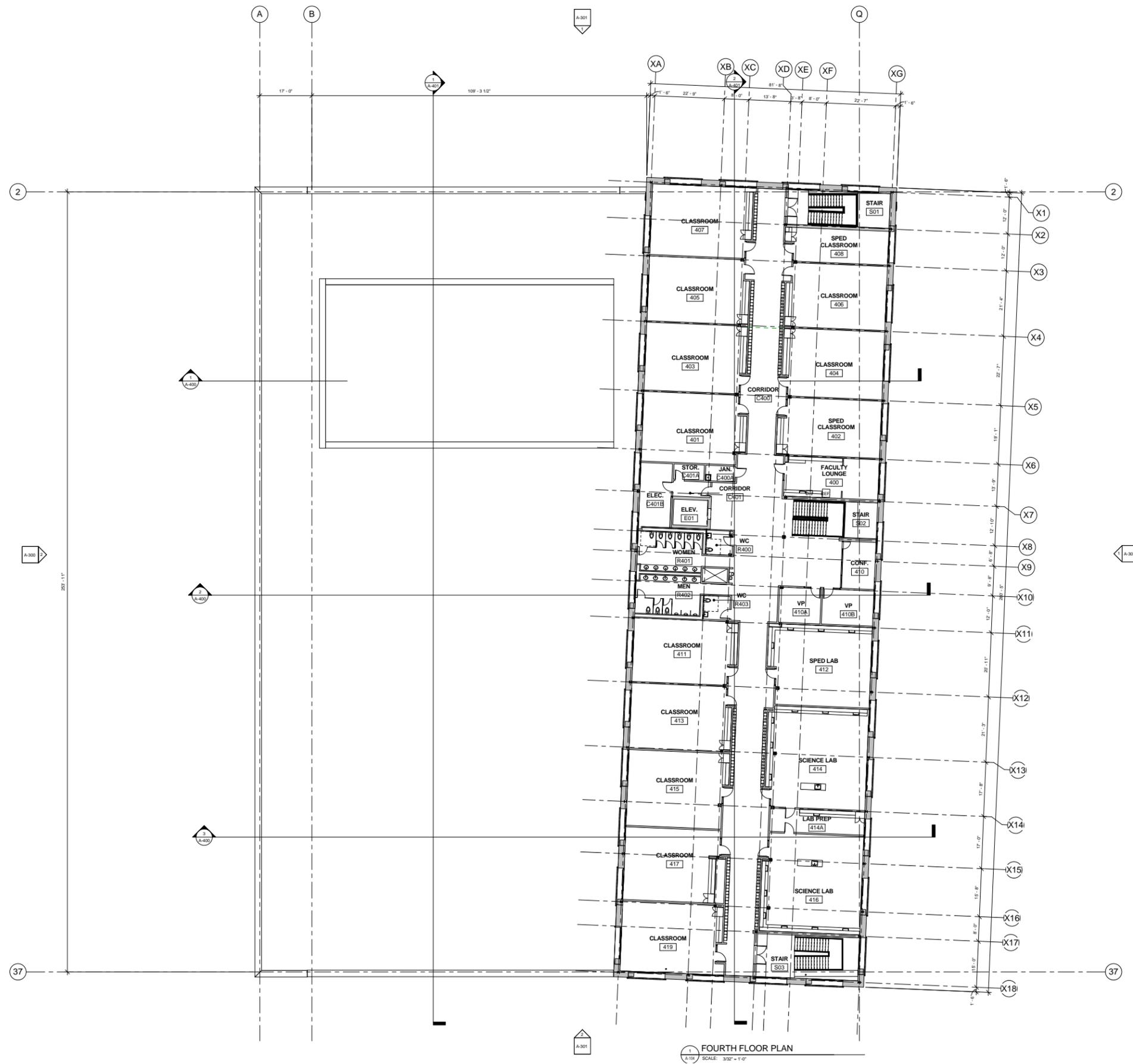


FIRST FLOOR PLAN  
SCALE: 3/32" = 1'-0"

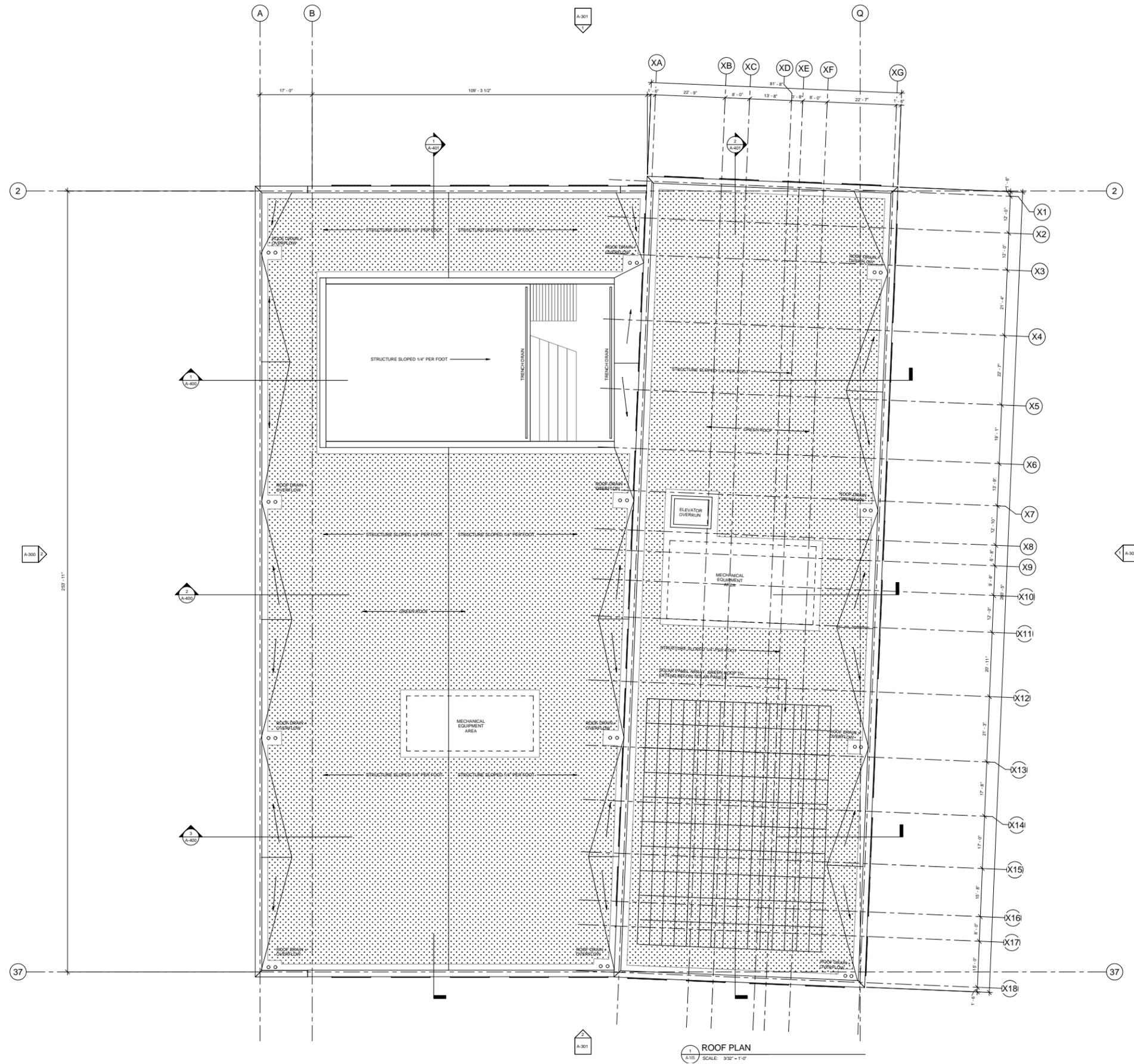


1 SECOND FLOOR PLAN  
 1/8" = 1'-0"





FOURTH FLOOR PLAN  
SCALE: 3/32" = 1'-0"



ROOF PLAN  
SCALE: 3/32" = 1'-0"