



Application for Urban Design Committee Review

Department of Planning and Development Review

900 E. Broad Street, Room 510

Richmond, Virginia 23219 | (804) 646-6335

<https://www.rva.gov/planning-development-review/urban-design-committee>



Application Type (select one)

Location, Character, & Extent

Section 17.05

Other:

Encroachment

Design Overlay District

Review Type (select one)

Conceptual

Final

Project Information

Submission Date: **April 17, 2025**

Project Name: **Replacement of Woodville Elementary School**

Project Address: **2345 Fairfield Ave., Richmond, VA 23223 (based on survey)**

Brief Project Description (this is not a replacement for the required detailed narrative):

Richmond Public Schools plans to replace the existing Woodville Elementary School on the northern side of the existing school site. The new 72,000 square foot 3-story school is planned to occupy the corner of Fairfield Avenue and Newbourne Street. The site includes an entry plaza, covered walkways, landscaping and shade trees, staff and visitor parking areas, an off-street car drop-off lane, an off-street bus loop, stormwater strategies, playgrounds, and recreational fields and courts. A perimeter walking / biking trail connects to city sidewalks.

Applicant Information (a City representative must be the applicant, with an exception for encroachments)

Name: **Jonathan Balasa**

Email: **jbalasa@rvaschools.net**

City Agency: **Richmond Public Schools**

Phone: **804-718-1686**

Main Contact (if different from Applicant): **Kelly Callahan**

Company: **VMDO Architects**

Phone: **434-409-5976**

Email: **callahan@vmdo.com**

Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

Application

It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC. Applications should be emailed to the Urban Design Committee Secretary, Ray Roakes, at Raymond.roakes@rva.gov.

Background

The UDC is an 11 member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission (CPC) on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06, and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

last revised 01/04/2024



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Submission Requirements

- An electronic copy (PDF) of all application materials, which can be emailed, or delivered by FTP or USB.
- Plan sheets should be electronically scaled to be 11" x 17" if printed.
- All applications must include the attached application form and the support materials listed below, as applicable to the project, based on Review Type.

It is strongly recommended to request the Zoning Administration to review a project's compliance with the City Zoning Code prior to application to the UDC.

Conceptual Review:

- A detailed project narrative which includes the following: project purpose, background, and context, details of community outreach and copies of distributed materials if applicable, project budget and funding sources, description of construction program and estimated construction start date.
- A site plan for the project indicating site characteristics which include: building footprints, parking areas, pedestrian routes, recreation areas, open areas, and areas of future expansion.
- A set of floor plans and elevations, as detailed as possible. Precedent images if applicable.
- A landscaping plan which shows the general location and character of plant materials and notes any existing tree to be removed.

Final Review:

- A detailed project narrative which includes the following: project purpose, background, and context, details of community outreach and copies of distributed materials if applicable, project budget and funding sources, description of construction program, and estimated construction start date.
- A site plan for the project indicating site characteristics which include: building footprints, parking areas, pedestrian routes, recreation areas, open areas, and areas of future expansion.
- A set of floor plans and elevations, as detailed as possible. Elevations should show directly adjacent development.
- A landscaping plan that includes a complete plant schedule, the precise location of all plant materials, and a landscape maintenance analysis. The plant schedule must show number, size and type of each planting proposed. If existing trees are to be removed, their size, type, and location must be noted on the landscape plan.
- The location of all lighting units should be noted on a site plan, including wall-mounted, site, and parking lot lighting. Other site details such as benches, trash containers, and special paving materials should also be located. Include specification sheets for each item.
- Samples of all proposed exterior building materials, including but not limited to brick, mortar, shingles, siding, glass, paint, and stain colors. When an actual sample cannot be provided, a product information sheet that shows the item or a photo of an existing item may be substituted.

Review and Processing

- Once an application is received, it is reviewed by Staff, who compiles a report that is sent to the UDC.
- A copy of the report and the meeting agenda will be sent to the applicant prior to the meeting.
- At the UDC meeting, the applicant or a representative should be present or the application may be deferred to the next regularly scheduled meeting. It is also strongly suggested that a representative of the City Agency which will have final responsibility for the item be present.
- Once the UDC recommends action on the application, it is automatically placed on the agenda for the next City Planning Commission (CPC) meeting. Exceptions to this are encroachment applications, recommendations for which are forwarded to the Department of Public Works.
- At the Planning Commission meeting, the applicant or a representative should be present, or the application may be deferred to the next regularly scheduled meeting.



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Regular meetings are scheduled on the ~~second~~ Thursday after the first Tuesday of each month at **10:00 a.m. in the 5th floor conference room of City Hall, 900 E. Broad Street**. Special meetings are scheduled as needed.

Meeting Schedule 2025

UDC Meetings	UDC Submission Deadlines	Anticipated Date of Planning Commission Following the UDC Meeting
January 16, 2025	December 19, 2024	January 21, 2025
February 13, 2025	January 16, 2025	February 18, 2025
March 13, 2025	February 13, 2025	March 18, 2025
April 10, 2025	March 20, 2025	April 15, 2025
May 15, 2025	April 17, 2025	May 20, 2025
June 12, 2025	May 15, 2025	June 17, 2025
July 10, 2025	June 19, 2025	July 15, 2025
August 14, 2025	July 17, 2025	August 19, 2025
September 11, 2025	August 14, 2025	September 16, 2025
October 16, 2025	September 18, 2025	October 21, 2025
November 13, 2025	October 16, 2025	November 18, 2025
December 11, 2025	November 13, 2025	December 16, 2025

The Richmond Urban Design Committee is an 11 member advisory committee created by City Council in 1968. Its purpose is to advise the City Planning Commission on the design of City projects. The Urban Design Committee reviews projects for appropriateness in "location, character, and extent" and for consistency with the City's Master Plan and forwards recommendations to the City Planning Commission. The Urban Design Committee also advises the Department of Public Works in regards to private encroachments in the public right-of-way.

For more information, please contact the Urban Design Committee Secretary, Ray Roakes, at (804) 646-6335 and raymond.roakes@rva.gov.

Detailed Project Narrative for Woodville Elementary School

UDC Final Review

PROJECT PURPOSE

The existing Woodville Elementary, constructed in 1954, has reached the end of its useful life. The existing layout of the school also poses several learning and functional challenges. As such, Richmond Public Schools has prioritized the replacement of the existing Woodville Elementary with a new state-of-the-art school. To accommodate future growth, the new school will have a capacity of 500 students in grades Kindergarten through 5th grade, and one Pre-K classroom. To support the safety and well-being of the students and community, the fully accessible site design includes native landscaping, perimeter walking paths, playgrounds and recreational fields, nature-based and covered outdoor gathering spaces, off-street parking for staff and visitors, a car drop-off loop, a bus loop, and a generous entry plaza. The existing school will remain operational during construction. Demolition of the existing school will occur during the final phase of construction, and the existing school site will become a greenfield for future use to be determined.

BACKGROUND

The school replacement project has been on several past year CIPs as an identified need. Previous years' CIP funding allocations had fallen short of reaching full budgetary approval for a replacement school. RPS has applied for the Environmental and Climate Justice Community Change Grants Program (EPA-R-OEJECR-OCS-23-04) as a mechanism to help obtain an additional funding source. RPS issued an RFP for A/E services for a Net-Zero Energy Design for a new Woodville Elementary. After being shortlisted and interviewed, VMDO and their team of engineers and consultants were selected for the project. Programming and Community Engagement began in August of 2024. The project is currently at 50% Construction Documents phase.

CONTEXT

Woodville Elementary is in the East End of Richmond and serves the neighborhood of Creighton Court, which is currently under redevelopment and expansion as mixed-income housing. The 16 ½ - acre site is occupied by the existing school to the southeast, a community pool to the northwest, and a greenfield site to the north bordered by Fairfield Avenue and Newbourne Street. The surrounding context is single-story and multi-story residential. Two significant Willow Oaks on the site have been assessed by an arborist. Based on their condition and the project's development footprint, the tree on Fairfield will be replaced with a line of street trees, and the tree on the corner of Fairfield and Newbourne will be protected and preserved.

RPS, their community partners, and the design team collaborated early on to apply for an EPA Community Change Grant. Based on research, our application proposes multiple climate action and pollution reduction strategies for the project and the neighborhood. In partnership w/ the YMCA, the grant strategies would provide everyday services and benefits to the community, as well as potable water, shelter, and power to the community during a disruption due to an extreme heat or storm event. We are currently awaiting notification.

COMMUNITY OUTREACH

RPS facilitated an inclusive design process including district level leadership, school leadership and staff, parents and students. Community engagement events held during the school's Harvest Festival, Winter Concert, and Spring Talent Show included information-sharing on project progress, the use of VR goggles to experience the school in 3D, as well as receiving community feedback on building materials, exterior playground and recreational features, and vehicle and pedestrian site connections. Images of events and a community engagement schedule are included for reference.

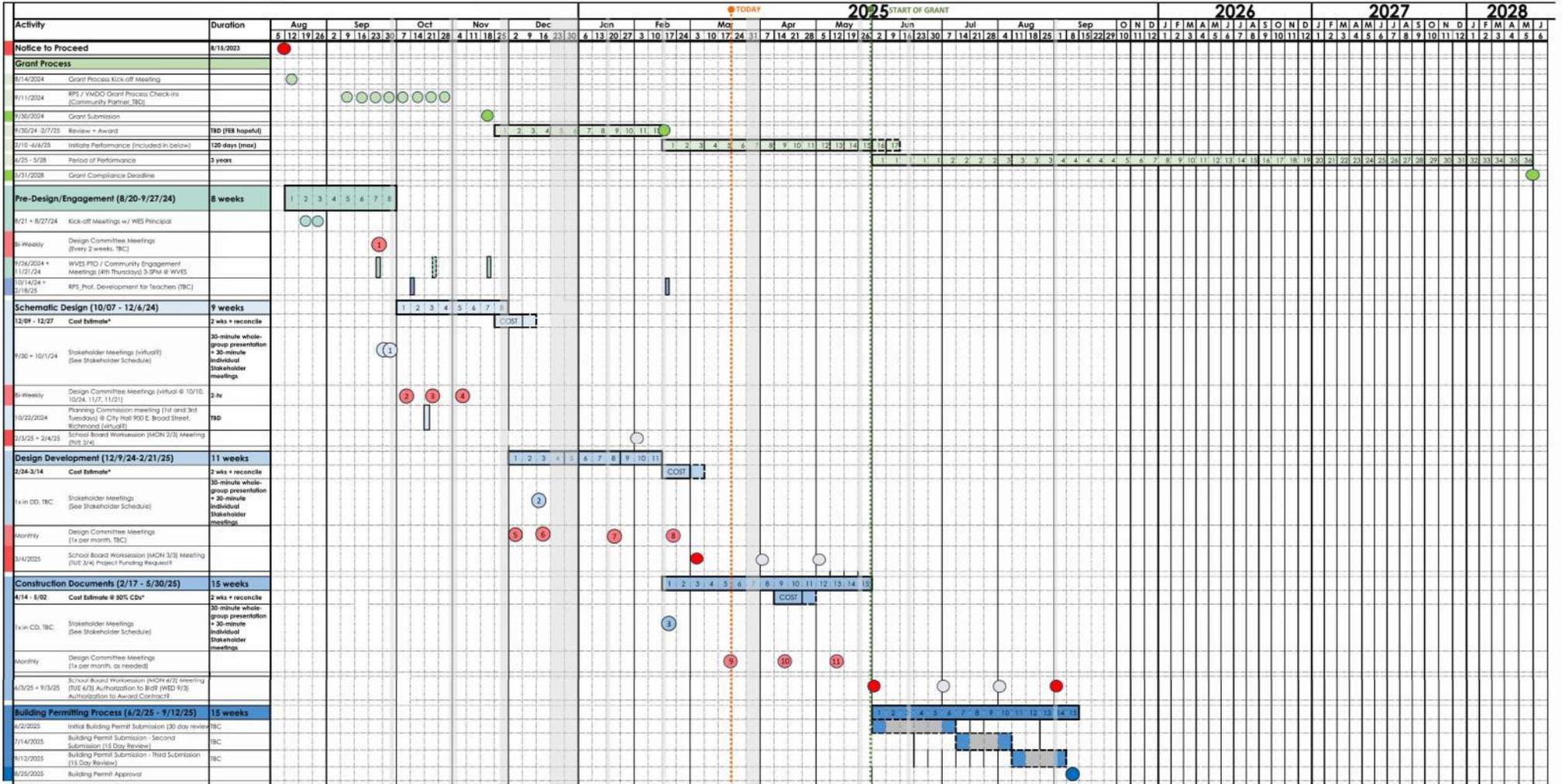
PROJECT BUDGET & FUNDING SOURCES

RPS initially budgeted at about \$37M for construction. An updated cost estimate dated March 21, 2025, based on the Design Development documents indicates a probable construction cost of \$49.6M. Should RPS be awarded the EPA's Environmental and Climate Justice Community Change Grant, the project could gain a funding source of up to \$20M.

CONSTRUCTION PROGRAM & ESTIMATED START DATE:

RPS plans to bid the project to qualified general contractors and will negotiate with the lowest bidder. Construction is scheduled to begin in September of 2025 with an anticipated occupancy in June of 2027. A project schedule has been included for reference.

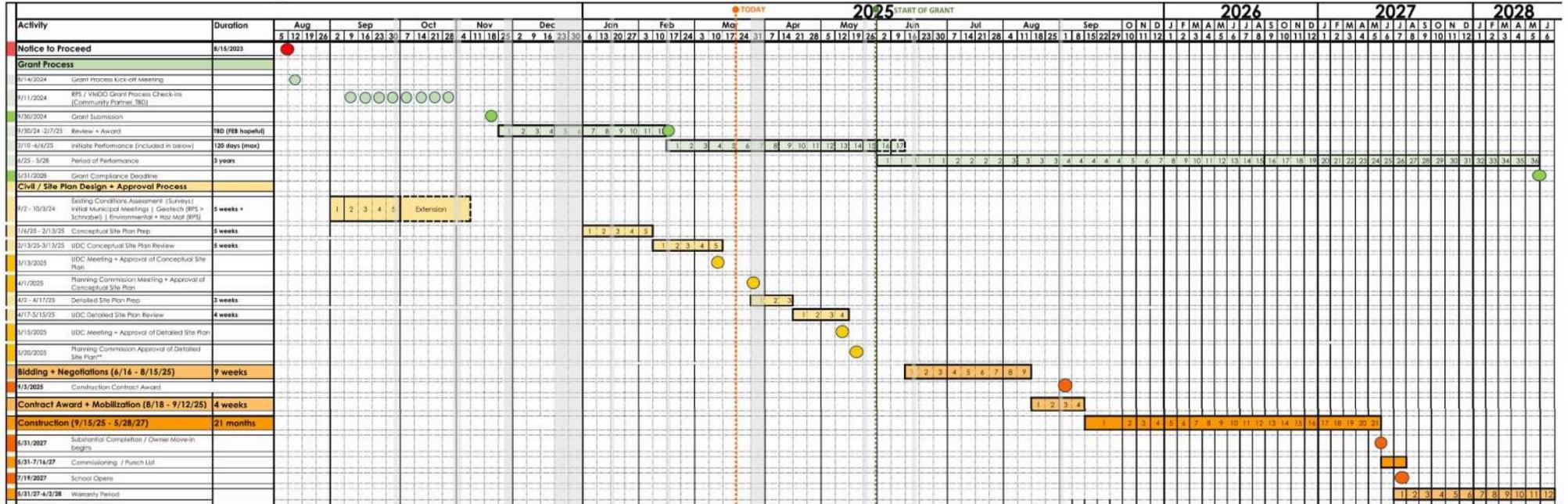
DETAILED PROJECT SCHEDULE_V2



Project Schedule

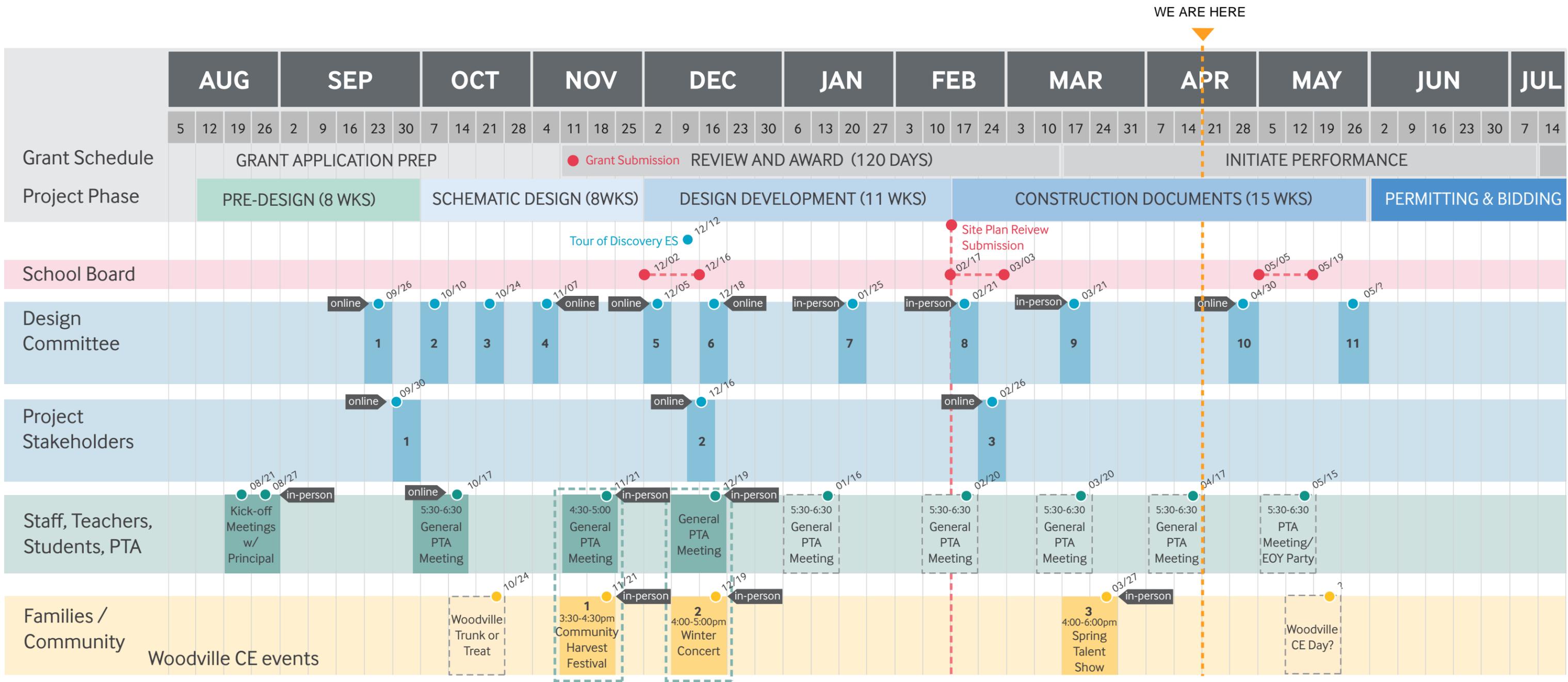


DETAILED PROJECT SCHEDULE_V2



Woodville ES Engagement Schedule

August 2024- July 2025



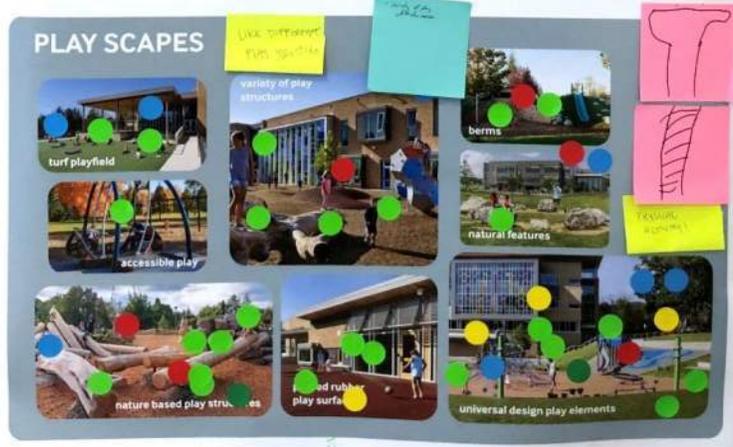


Community Engagement – Woodville Harvest Festival

WHAT SHOULD THE SITE INCLUDE?



- Place a dot on your favorite features
- Add a sticky note with your ideas and comments





Woodville ES has a **biking program**

It would be great to have **bike parking** and **storage**

as well as **safe bike and walking paths** around the site.

A **bike repair station for community use** would be nice to have.

Students and adults liked the **colorful street crossings** and intersection murals.

Want to **encourage people to slow down** when driving around the school.



Top favorites include:

Nature-based, durable, play elements like logs and big rocks.

Plants integrated with the playground

While placing a sticker on an image, a student shared **“I like plants!”**

A rock-climbing wall

Different options to chose from for physical activity.

Student added a comment **“Variety of play obstacle course”**

Students added their drawings of **ladders, slides, monkey bars, and swings.**



Students were excited about **water** and responded to images that showed **water being expressed on site during rain events.**

Several people liked the image of students interacting with **solar panels.**

One commenter liked the **writable chalk wall.**



Splash Park / Pool image was very popular

“**I really like this!** Where would we keep our swimsuits?”

Students are bused to another pool to learn how to swim.
Parent expressed a desire to see the **students using the local pool.**

Students shared that they use the local pool and expressed a sense of **ownership** of it.

Desire for activities on the site like **basketball, gaga ball, tennis.**

Desire for a **school garden** for the children

Desire for **lighting for site use at night**
and were concerned about **how to protect equipment from being damaged.**



Preferences for:

playground with shade elements.

One student commented that they liked it because **“it’s a big playground”**

covered outdoor classroom terrace.

A student put a dot on the pavilion and said they **“really want to eat outside.”**

WHAT WILL THE SITE LOOK LIKE?

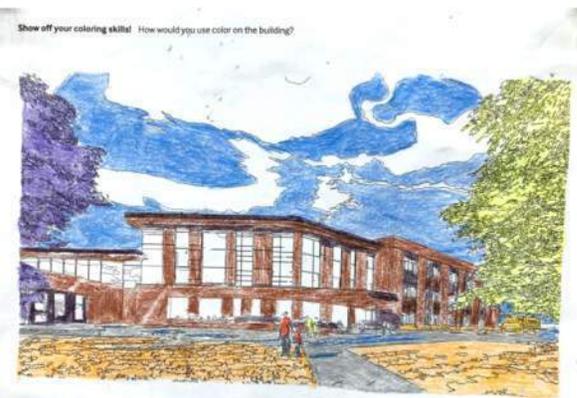
- Would like to see more **pedestrian / biking connections** to the school across site.
- **Vehicular connection** from 27th to the parking lot
- **Covered bus loading area.**
- Nice to have a **water fountain for people and pets** and an **enclosed dog run.**
- Concerned about **congestion in the car queuing area.**
- Some concern around the **closeness of the YMCA program space** and securing the rest of the school.



SITE PLAN



Community Engagement – Winter Concert (19 DEC 2024)



Community Engagement – Winter Concert (12/19/24)

V M D O

New Woodville Elementary School - Brick Color Survey

Thank you for participating in this survey! Survey results will be used to inform the design of the new Woodville Elementary School. If you have further questions about this project please contact Jonathan Balasa at jbalasa@rvschools.net.

1) **I AM A...** Check the box for as many as you identify with.

- RPS Student RPS Caregiver/Guardian RPS Volunteer
 RPS Teacher/Staff RPS Administrator Community Member

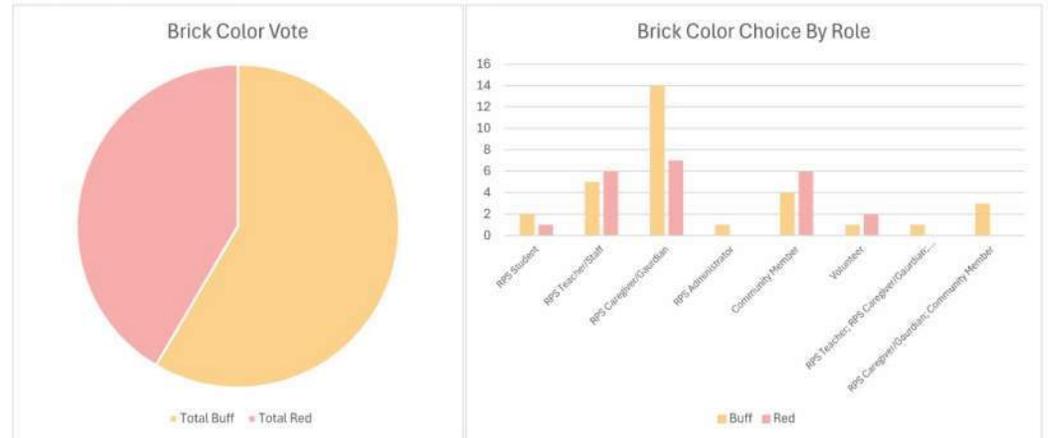
2) **I PREFER OUR SCHOOL TO HAVE...** Check the box for your favorite brick option.

- BUFF BRICK RED BRICK



3) **I ALSO WANT TO SHARE...** Please write in any other comments or ideas you have for this project!

Flip the page for a coloring activity



Role	# Surveys	Buff	Red
RPS Student	4	2	1
RPS Teacher/Staff	11	5	6
RPS Caregiver/Guardian	20	14	7
RPS Administrator	1	1	0
Community Member	10	4	6
Volunteer	3	1	2
RPS Teacher; RPS Caregiver/Guardian; Community Member	1	1	0
RPS Caregiver/Guardian; Community Member	3	3	0
Total Buff	31		
Total Red	22		



Community Engagement – Spring Talent Show (26 MAR 2025)



Aerial View from Fairfield Avenue



Aerial View from Fairfield Avenue



Front Entrance from Newbourne Street



South View from Playfields



Southeast View from Car Drop-Off Lane

**Aluminum Composite Material
ACM-1**

**Aluminum Composite Material
ACM-2**

**Ultra-High-Performance Concrete
UHPC-1**

**Face Brick – Modular
FB-1**

**Formed Metal Panel
FMP-1**

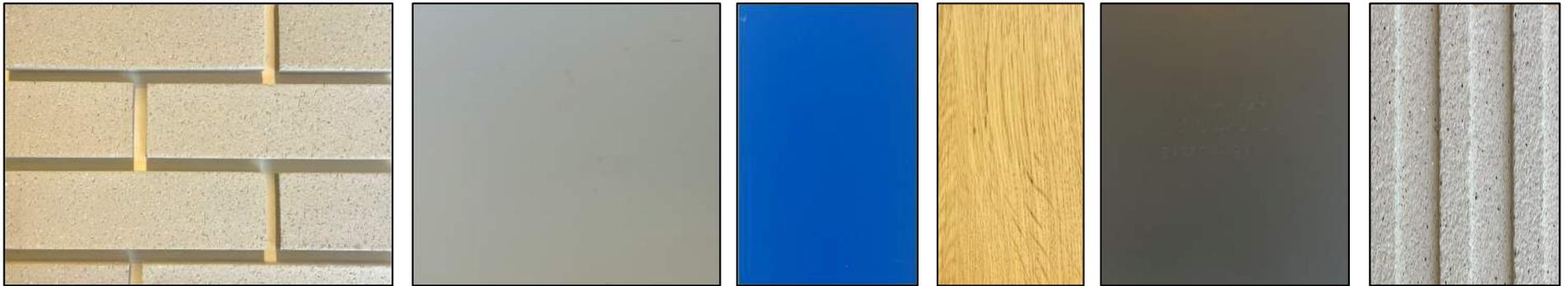
**Wood-Look Metal Soffit
MS-1**

**Ceramic Frit 'Dots' Glass
GL-11B**

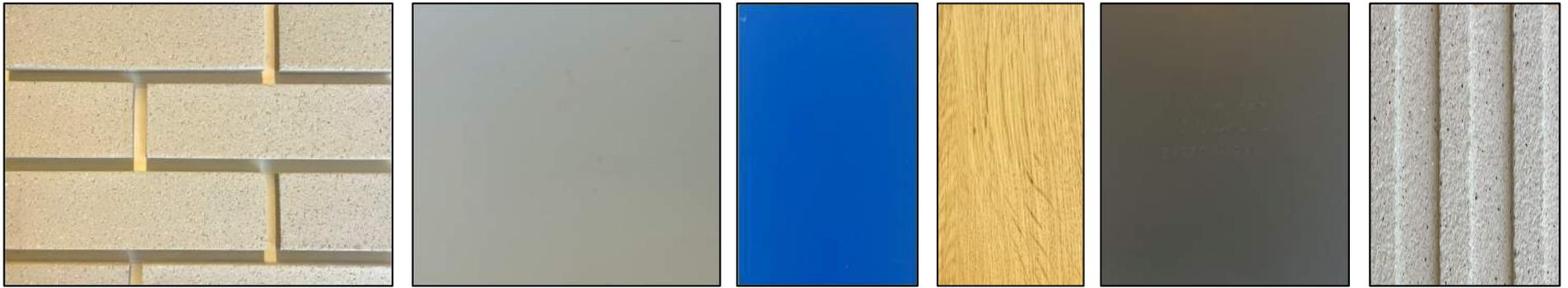
**See Elevation sheets A311-A317
for Material Locations**



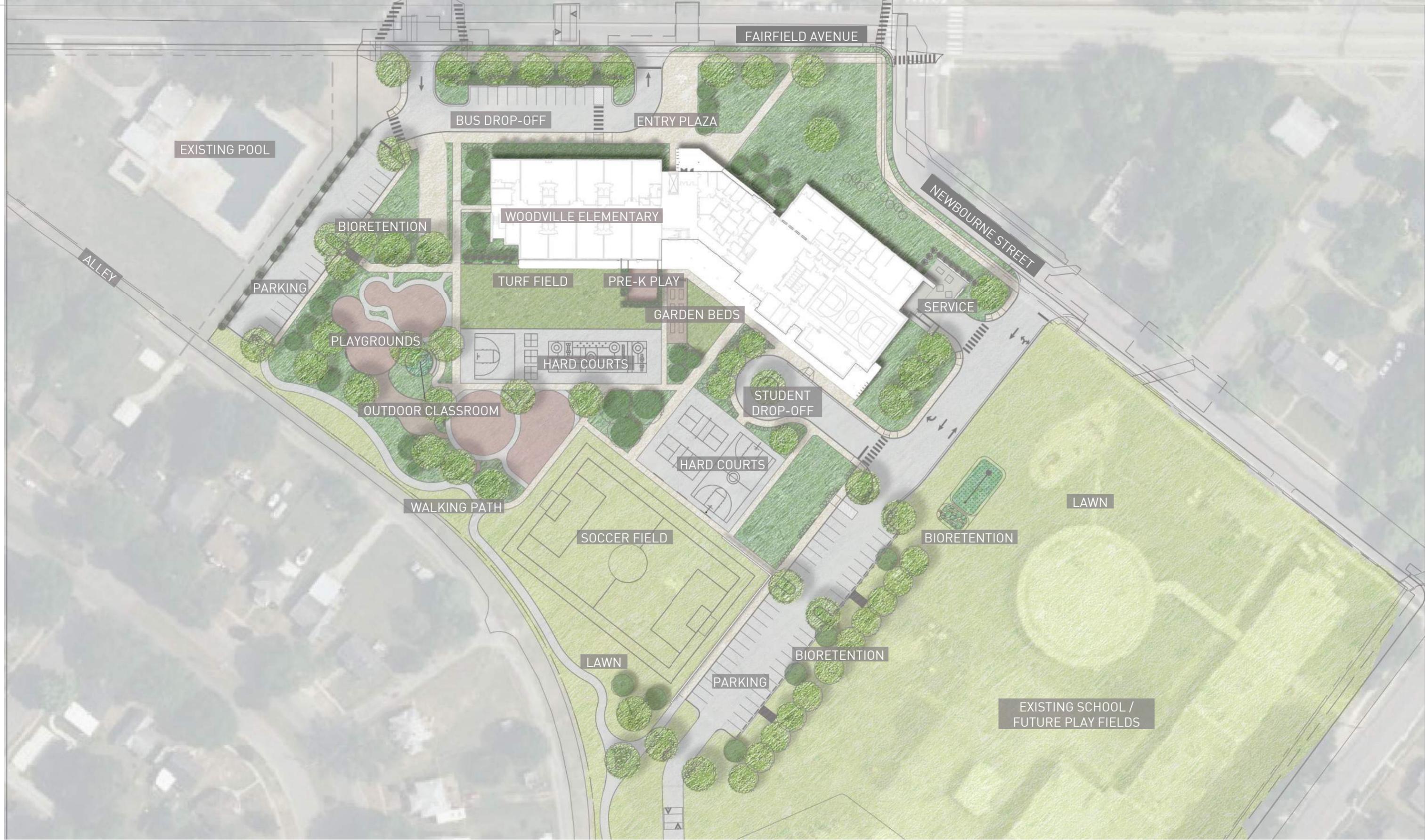
Exterior Materials Digital Samples

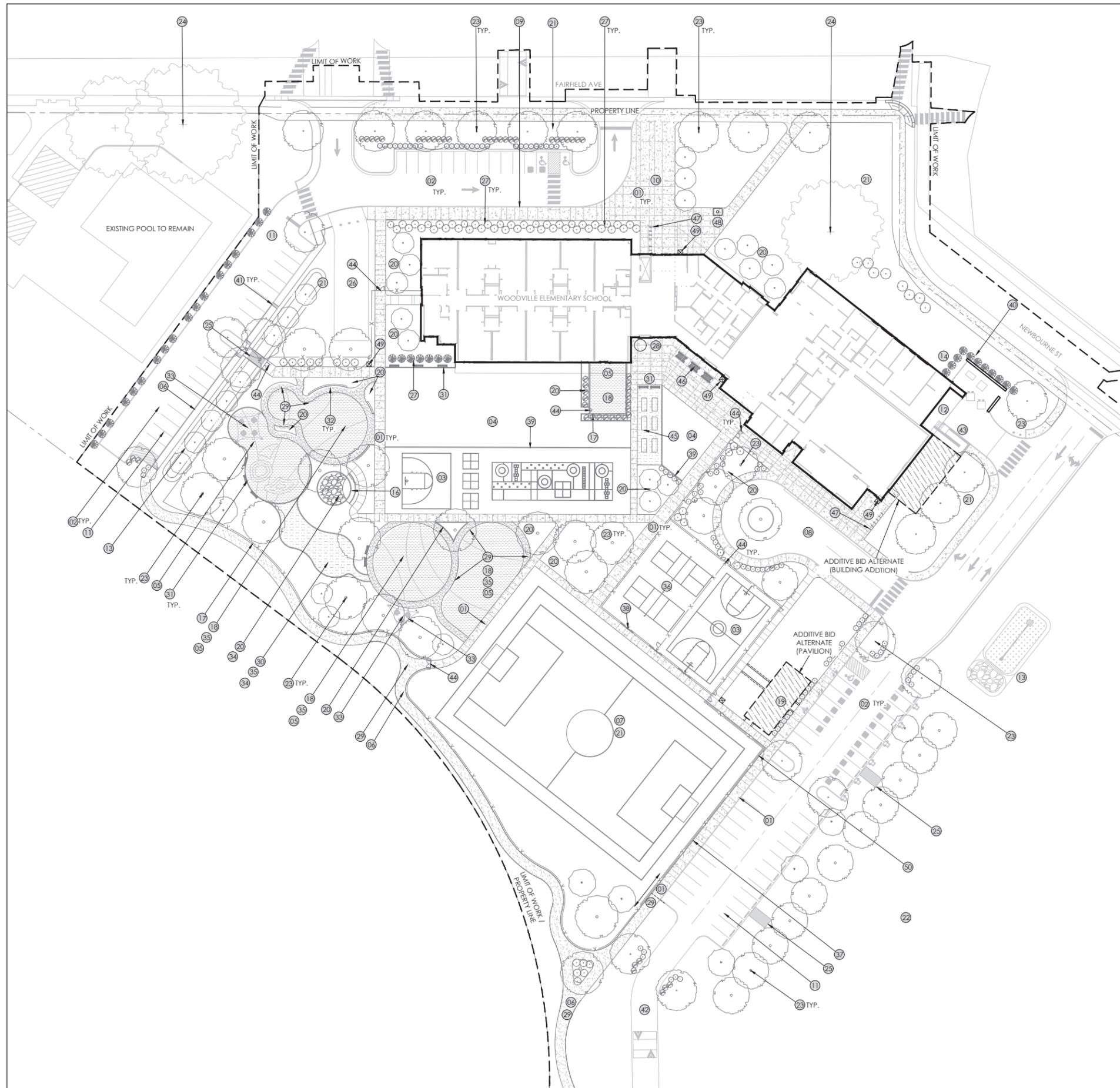


Exterior Materials Palette



Exterior Materials Palette





LANDSCAPE KEYNOTES

- | | |
|--|--|
| 01 CONCRETE PAVEMENT | 26 FIRE TRUCK ACCESS |
| 02 ROAD ASPHALT PAVEMENT (SEE CIVIL) | 27 SHRUBS |
| 03 BASKETBALL COURT ASPHALT PAVEMENT | 28 CISTERN |
| 04 SYNTHETIC TURF | 29 ASPHALT PAVEMENT |
| 05 P.I.P. SURFACING | 30 ENGINEERED WOOD FIBER |
| 06 WALKING PATH | 31 SEATING (BENCH) |
| 07 OPEN FIELD/PLAY FIELD | 32 SEATING (CONCRETE WALL) |
| 08 STUDENT DROP OFF | 33 SHADE SAIL |
| 09 BUS DROP OFF LOOP | 34 BOULDERS |
| 10 FRONT ENTRANCE PLAZA | 35 PLAY EQUIPMENT |
| 11 PARKING LOT, CURB AND ASPHALT (SEE CIVIL) | 36 PICKLEBALL COURT |
| 12 LOADING DOCK (SEE ARCH) | 37 WALL (SEAT HEIGHT) |
| 13 BIORETENTION | 38 WALL (LOW HEIGHT, <12") |
| 14 ORNAMENTAL FENCE, 8' H | 39 CONCRETE CURB, FLUSH |
| 15 OUTDOOR CLASSROOM | 40 SCREEN WALL, 8' H |
| 16 OUTDOOR SEATING | 41 DRAINAGE SLOT WITHIN CONC. PAVEMENT |
| 17 FENCE, 4' H | 42 DRIVE EXTENSION (SEE CIVIL) |
| 18 PLAYGROUNDS | 43 SERVICE AREA |
| 19 PAVILION AND BUILDING | 44 FENCE GATE |
| 20 PLANTING BED | 45 RAISED GARDEN BEDS |
| 21 LAWN | 46 PICNIC TABLES |
| 22 EXISTING LAWN | 47 BICYCLE RACKS |
| 23 CANOPY TREE | 48 FLAG POLE |
| 24 EXISTING TREE TO REMAIN | 49 TRASH RECEPTACLE |
| 25 METAL FOOTBRIDGE | 50 FENCE ON TOP OF WALL, 4' H |

VMDO

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 vmdo.com

waterstreetstudio
 landscape architecture + civil engineering
 1301 W. Main Street, 8th Floor
 Richmond, VA 23260

RPS
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 PUBLIC SCHOOLS

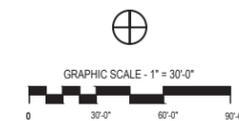
Richmond Public Schools

**WOODVILLE
 ELEMENTARY SCHOOL**

2000 N 28TH ST,
 RICHMOND, VA 23223

VMDO Project Number 1371

Checked By JM
 Drawn By JR
 MS



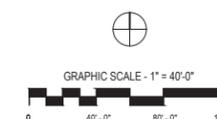
**DRAWING NOT FOR
 CONSTRUCTION**

REVISIONS	
NO.	DATE
NO. SUBMITTAL	
UDC FINAL REVIEW	04/17/2025
UDC CONCEPTUAL REVIEW	02/13/2025

KEYNOTE PLAN

L1.01 UDC

UDC FINAL REVIEW
 04/17/2025



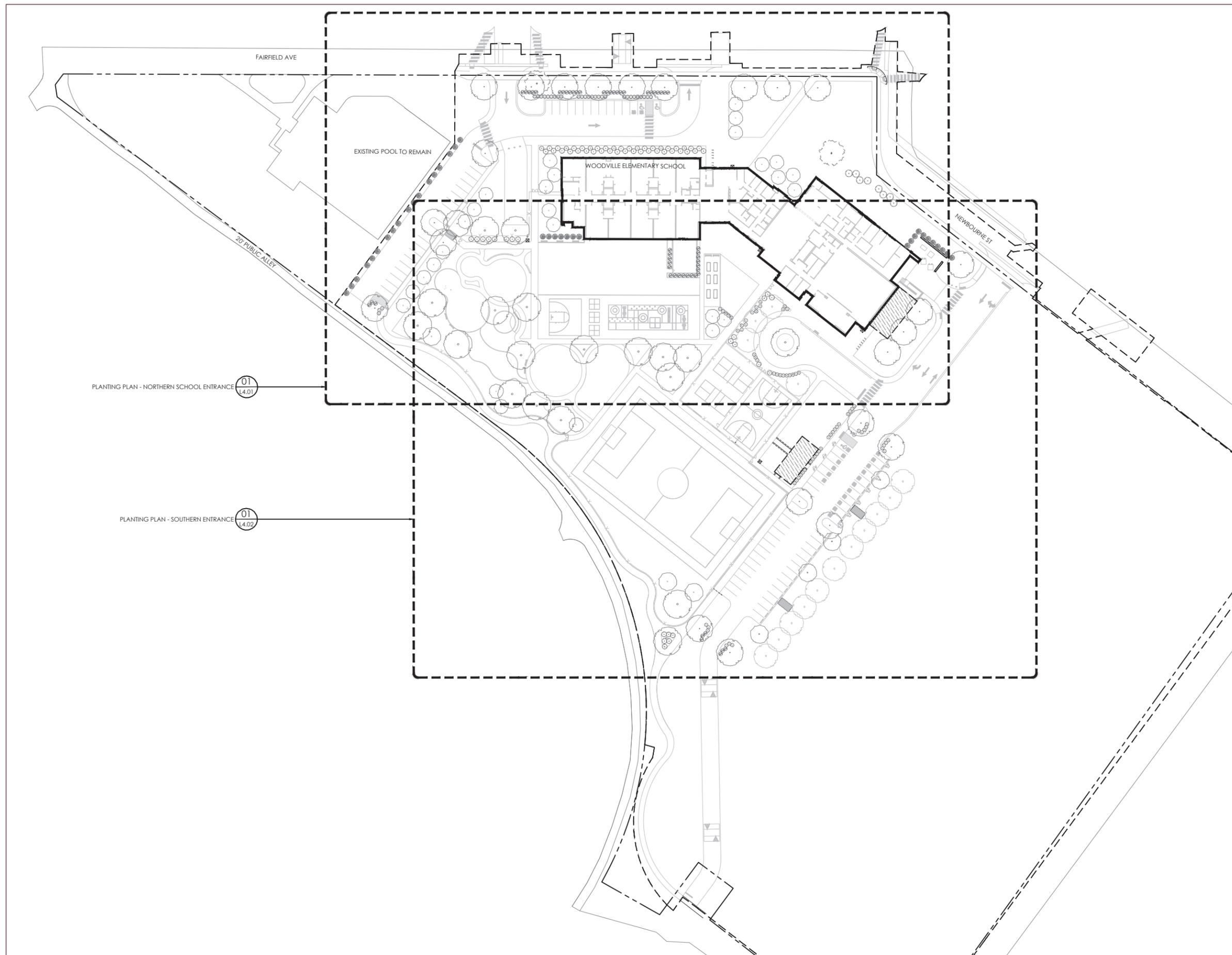
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OVERALL PLANTING PLAN

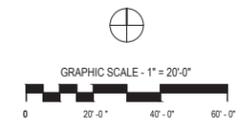
L4.00 UDC

UDC FINAL REVIEW
04/17/2025



General Note:
Please note that certain plant species indicated on the plan (identified with "*" at the end of their label) are included to meet the minimum requirements of the Urban Design Committee (UDC) review. The plant schedule shown on L5.01 identifies only these UDC required plantings. Additional plants shown on the plan are intended to depict anticipated additional plantings as part of the project's full construction.

Existing canopy tree to be removed indicated on plan (identified with "*" at the end of their label). Information regarding tree is shown on L5.01.



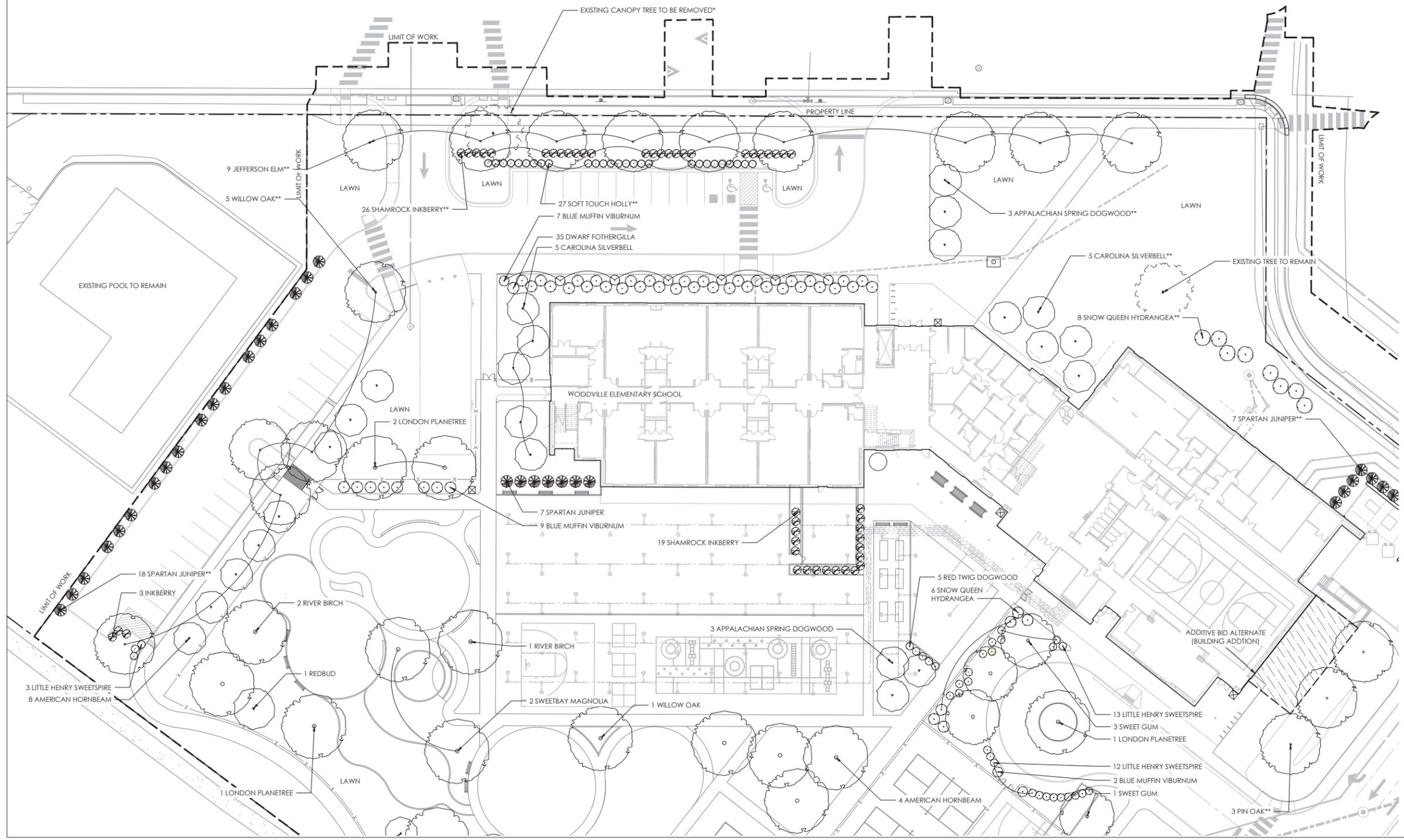
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**PLANTING PLAN -
NORTHERN SCHOOL
ENTRANCE**

L4.01 UDC

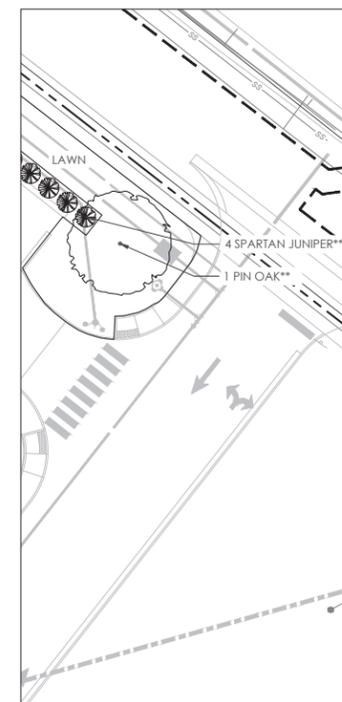
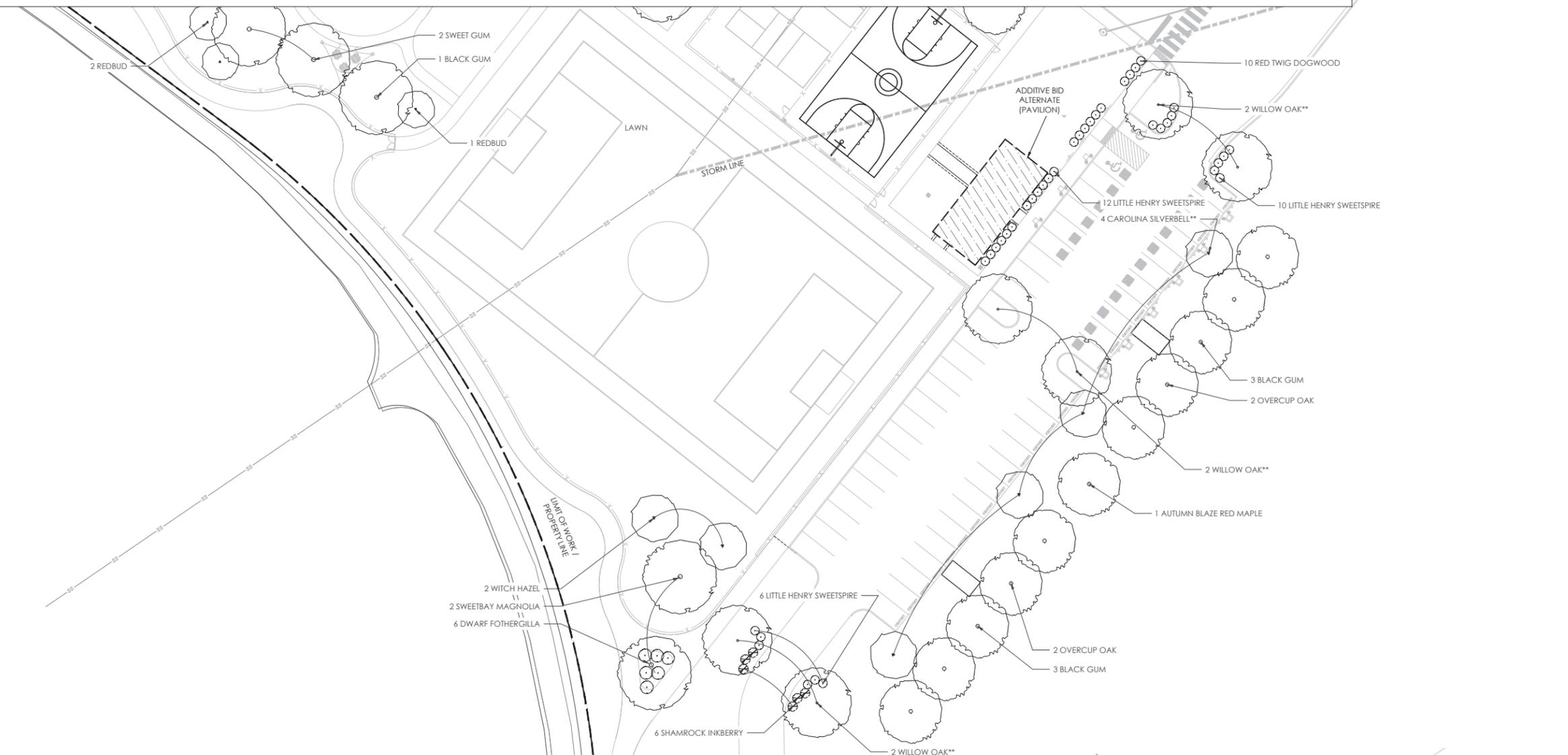
UDC FINAL REVIEW
04/17/2025



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Existing canopy tree to be removed indicated on plan (identified with "X" at the end of their label). Information regarding tree is shown on L5.01.

SEE L4.01 UDC



VMDO

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RPS
RICHMOND
PUBLIC SCHOOLS

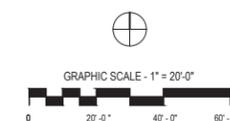
Richmond Public Schools

**WOODVILLE
ELEMENTARY SCHOOL**

2000 N 28TH ST.
RICHMOND, VA 23223

VMDO Project Number 1371

Checked By JM
Drawn By JR MS



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UDC CONCEPTUAL REVIEW	02/13/2025

**PLANTING PLAN -
SOUTHERN ENTRANCE**

L4.02 UDC

UDC FINAL REVIEW
04/17/2025

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Existing canopy tree to be removed indicated on plan (identified with "" at the end of their label). Information regarding tree is shown on L5.01.

Richmond Public Schools

**WOODVILLE
ELEMENTARY SCHOOL**

2000 N 28TH ST.
RICHMOND, VA 23223

VMDO Project Number

1371

Checked By JM
Drawn By JR
MS

PLANT SCHEDULE -

QTY.	Scientific Name	Common Name	Size	Spacing	Root	Native
LARGE CANOPY TREES						
11	<i>Quercus phellos</i>	Willow Oak	2.5" CAL	AS SHOWN	B&B	YES
4	<i>Quercus palustris</i>	Pin Oak	2.5" CAL	AS SHOWN	B&B	YES
9	<i>Ulmus americana 'Jefferson'</i>	Jefferson Elm	2.5" CAL	AS SHOWN	B&B	YES
SMALL CANOPY TREES						
9	<i>Halesia carolina</i>	Carolina Silverbell	6-8' HT	AS SHOWN	B&B	YES
3	<i>Cornus Florida 'Appalachian Spring'</i>	Appalachian Spring Dogwood	6-8' HT	AS SHOWN	B&B	YES
SHRUBS						
27	<i>Ilex crenata 'Soft Touch'</i>	Soft Touch Holly	24-36" HT	AS SHOWN	3 GAL	NO
26	<i>Ilex glabra 'Shamrock'</i>	Shamrock Inkberry	24-36" HT	AS SHOWN	3 GAL	YES
29	<i>Juniperus chinensis 'Spartan'</i>	Spartan Juniper	48-60" HT	AS SHOWN	5 GAL	NO
8	<i>Hydrangea quercifolia 'Snow Queen'</i>	Snow Queen Hydrangea	24-36" HT	AS SHOWN	3 GAL	YES

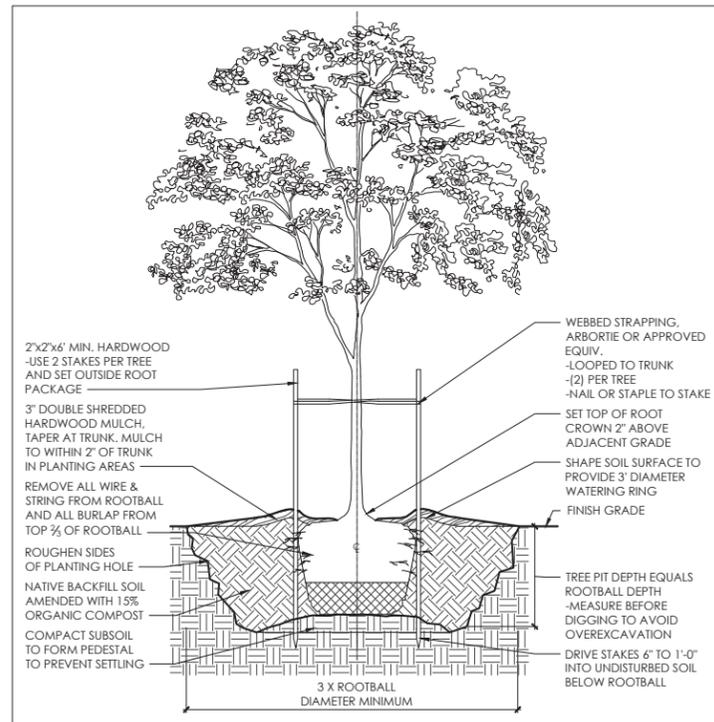
* EXISTING TREE TO BE REMOVED. SEE PLANTING PLAN.

SOD AND GROUNDCOVERS

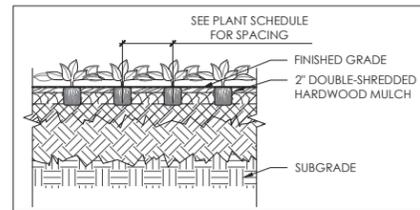
QTY.	Scientific Name	Common Name	Size	Spacing	Root	Native
Sod						
		Bioretention Area				

SPECIES: *Quercus phellos*, Willow Oak

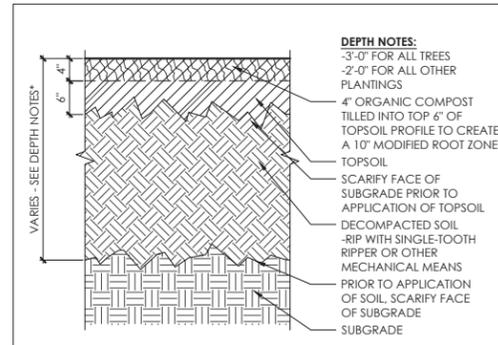
SIZE: 75" Diameter canopy



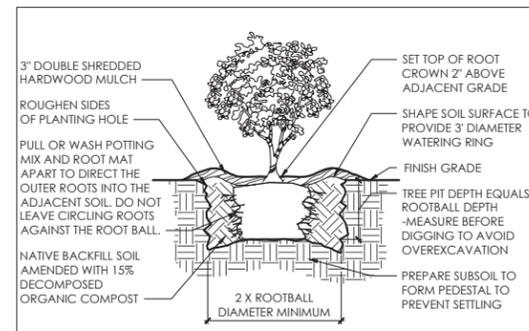
01 TREE PLANTING - SECTION
SCALE: 1/2" = 1'-0"



02 PERENNIAL PLANTING - SECTION
SCALE: 1/2" = 1'-0"



03 SOIL PREPARATION - SECTION
SCALE: 1" = 1'-0"



04 SHRUB PLANTING - SECTION
SCALE: 1/2" = 1'-0"

- CONTRACTOR SHALL VERIFY PLANT QUANTITIES SHOWN ON PLAN WITH TOTALS IN PLANTING SCHEDULE. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO FINAL BIDDING. UNITS PRICES BE SUBMITTED AS PART OF FINAL BID.
- ALL PLANTS SHALL BE GUARANTEED FOR ONE (1) FULL YEAR AND SHALL BE IN A HEALTHY GROWING CONDITION. PLANT MATERIALS WHICH DO NOT FULFILL THIS GUARANTY SHALL BE REPLACED AT NO COST TO THE OWNER. REPLACEMENT SHALL BE GUARANTEED THROUGHOUT THE ORIGINAL GUARANTY PERIOD. PLANTS THAT DIE SHALL BE REPLACED IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR WATERING, WEEDING, PEST CONTROL, AND FERTILIZATION OF ALL PLANTS UNTIL, a.) UPON FINAL ACCEPTANCE IS ISSUED BY LANDSCAPE ARCHITECT AND/OR OWNER, AND b.) THE CONTRACTOR PROVIDES OWNER WRITTEN NOTIFICATION OF ALL MAINTENANCE NEEDS OF ALL SCOPE ASSOCIATED WITH THE PLANTING PLAN(S) CONTRACT DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR LOCATION OF ALL UTILITY LINES. TREES SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
- THE LANDSCAPE ARCHITECT IS THE OWNER'S REPRESENTATIVE AND SHALL BE THE APPROVING AUTHORITY FOR INFORMATION PROVIDED WITHIN THESE PLANS AND SPECIFICATIONS.
- ALL PLANTS, TOPSOIL, MULCH, FERTILIZERS, SOIL AMENDMENTS, PLANTING SUPPLIES, AND METHODS SHALL BE SUBJECT TO LANDSCAPE ARCHITECTS APPROVAL. REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE WITHOUT DELAY AT NO EXPENSE TO THE OWNER.
- CONTRACTOR SHALL LAYOUT AND MARK LOCATION FOR ALL PLANTS, AND IMPROVEMENTS SHOWN AND SHALL REQUEST IN FIELD APPROVAL FROM LANDSCAPE ARCHITECT.
- ALL PLANTS AND PLANTING METHODS SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK.
- BEDS TO CONTAIN SHRUBS, PERENNIALS, ORNAMENTAL GRASSES, OR PERENNIALS SHALL BE TILLED TO A DEPTH OF 12" AND THE SOIL CONDITIONED BY ADDING 4" OF A U.S. COMPOSTING COUNCIL APPROVED COMPOST.
- ALL PLANTING BED AREAS SHALL BE COVERED WITH A 3" MINIMUM LAYER OF MEDIUM TEXTURED SHREDDED HARDWOOD MULCH UNLESS OTHERWISE NOTED.
- ALL SUBSTITUTIONS OF PLANTS SHALL BE REQUESTED IN WRITING TO THE LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
- ALL PLANTING OPERATIONS SHALL BE UNDER THE SUPERVISION OF AN EXPERIENCED PLANTSMAN.
- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO SELECT PLANTS IN THE NURSERY.
- FOR TREES BALLED IN WIRE BASKETS, CUT AND REMOVE TOP AND SIDES OF BASKET AFTER INSTALLATION.
- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT AND PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO A.A.N. STANDARDS.
- SOIL SHALL BE FREE OR ALL WEEDS AND ROCKS GREATER THAN 1" IN DIAMETER.
- PLANT SIZES, QUANTITIES, AND SPECIES WILL BE CHECKED BY MUNICIPALITY INSPECTION FOR COMPLIANCE WITH PLANT SCHEDULE AS APPROVED BY THE MUNICIPALITY. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DELAY IN ISSUANCE OF CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY RESULTING FROM UNAUTHORIZED SUBSTITUTIONS OR DOWNSIZING.
- UPON COMPLETION OF LANDSCAPE INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR WHO WILL VERIFY COMPLETENESS, INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL, AND SCHEDULE A FINAL INSPECTION FOR ACCEPTANCE BY OWNER.
- CONTRACTOR SHALL REMOVE TREE STAKING AT THE END OF THE ONE YEAR WARRANTEE PERIOD.
- CONTACT D.P.R. PRIOR TO PLANTING ALL TREES ON SITE TO REVIEW EXCAVATION, PLANTING MEDIA, AND INSTALLED PLANTING STOCK.
- ALL PEST CONTROL SHALL BE UNDER THE DIRECTION OF A VIRGINIA LICENSED APPLICATOR.

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CONSTRUCTION**

NO.	REVISIONS	DATE
01	UDC FINAL REVIEW	04/17/2025
02	UDC CONCEPTUAL REVIEW	02/13/2025

PLANT SCHEDULE

L5.01 UDC

UDC FINAL REVIEW
04/17/2025

DERO | Hoop Rack Submittal Sheet

CAPACITY 2 Bikes

MATERIALS 1 1/2\"/>

FINISHES

- Galvanized**
An other fabrication hot dipped galvanized finish is our standard option.
- Powder Coat** BLACK
Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Chemically cleaned and treated for corrosion reduction
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat
- Stainless**
Stainless Steel: 304 grade stainless steel material in a satin finish, high polished shine, or powder coat over unpolished stainless
 - Satin Finish (#4) - Brushed (our standard)
 - Electropolished - High Polished Shine
 - Powder Coat over Unpolished Stainless

MOUNT OPTIONS

- Surface**
Foot Mount has two 2.5\"/>
- In-Ground**
In-ground mount is embedded into concrete base. Specify in-ground mount for this option.
- Rail**
Rail Mounted Downtown Racks are bolted to two parallel rails which can be left freestanding or anchored to the ground. Rails are heavy duty 3\"/>

FOOTING DIAGRAMS

IN-GROUND MOUNT **SURFACE MOUNT** (for standard 4\"/> sidewalk width)

SITE BICYCLE RACK - HOOP RACK

VICTOR STANLEY Create a timeless moment.®

FBF-50

Simple, clean lines through the use of horizontal steel tubing and horizontal steel slat seating.

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) lengths. Horizontal steel slats.

STANDARD

All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

OPTIONS

Surface mount In-ground mount. Armrests (special order). Skateboard guards (US Patent D647,729 S).

LENGTH

4 ft (1.2 m)

6 ft (1.8 m)

8 ft (2.4 m)

COLORS

BLACK

SITE BENCH

VICTOR STANLEY Create a timeless moment.®

FBF-56

Table with two backless benches included. Displaying distinctive style with clean lines.

6 or 8 ft (1.8 or 2.4 m) length. Horizontal steel slats.

ADA Compliance: Pair table in 8 ft (2.4 m) length with 6 ft (1.8 m) benches.

STANDARD

All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

OPTIONS

Surface mount In-ground mount. Skateboard guards, US Patent D647,729 S.

MATERIAL

Recycled Solid Steel Bar
Tabular Steel

COLORS

BLACK

SITE PICNIC TABLE

VICTOR STANLEY Create a timeless moment.®

SD-42

Side-door litter receptacles are a marvel of detail and structural integrity. The side-door hinges have stainless-steel hinge pins and oil-impregnated bronze bushings.

Tapered Formed Lid. Latch. Bottom recessed pedestal.

STANDARD

All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

Other standard features include a formed lid attached to the frame, a high-density plastic liner, and rubber-tipped leveling feet on the base.

Interior plastic liners for our litter receptacles offer substantial value and are produced on molds that we designed and own. These plastic cans are reinforced, ribbed, and molded for durability, ease of use, and greater capacity.

OPTIONS

Rain bonnet lid

FEATURES

- 375 x 1 in (10 x 25 mm) Bars
- Bottom Recessed Pedestal
- Side-Door Opening

MATERIAL

Recycled Solid Steel Bar

COLORS

BLACK

SITE TRASH RECEPTACLE

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RPS
RICHMOND
PUBLIC SCHOOLS

Richmond Public Schools

WOODVILLE
ELEMENTARY SCHOOL

2000 N 28TH ST,
RICHMOND, VA 23223

VMDO Project Number 1371

Checked By JM
Drawn By JR
MS

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CONSTRUCTION

REVISIONS		
NO.	SUBMITTAL	DATE
UDC FINAL REVIEW		04/17/2025
UDC CONCEPTUAL REVIEW		02/13/2025

SITE SPEC SHEETS

L6.01 UDC

UDC FINAL REVIEW
04/17/2025

LEGEND

EXTENTS OF BUILDING AT GRADE
 BUILDING OVERHANG

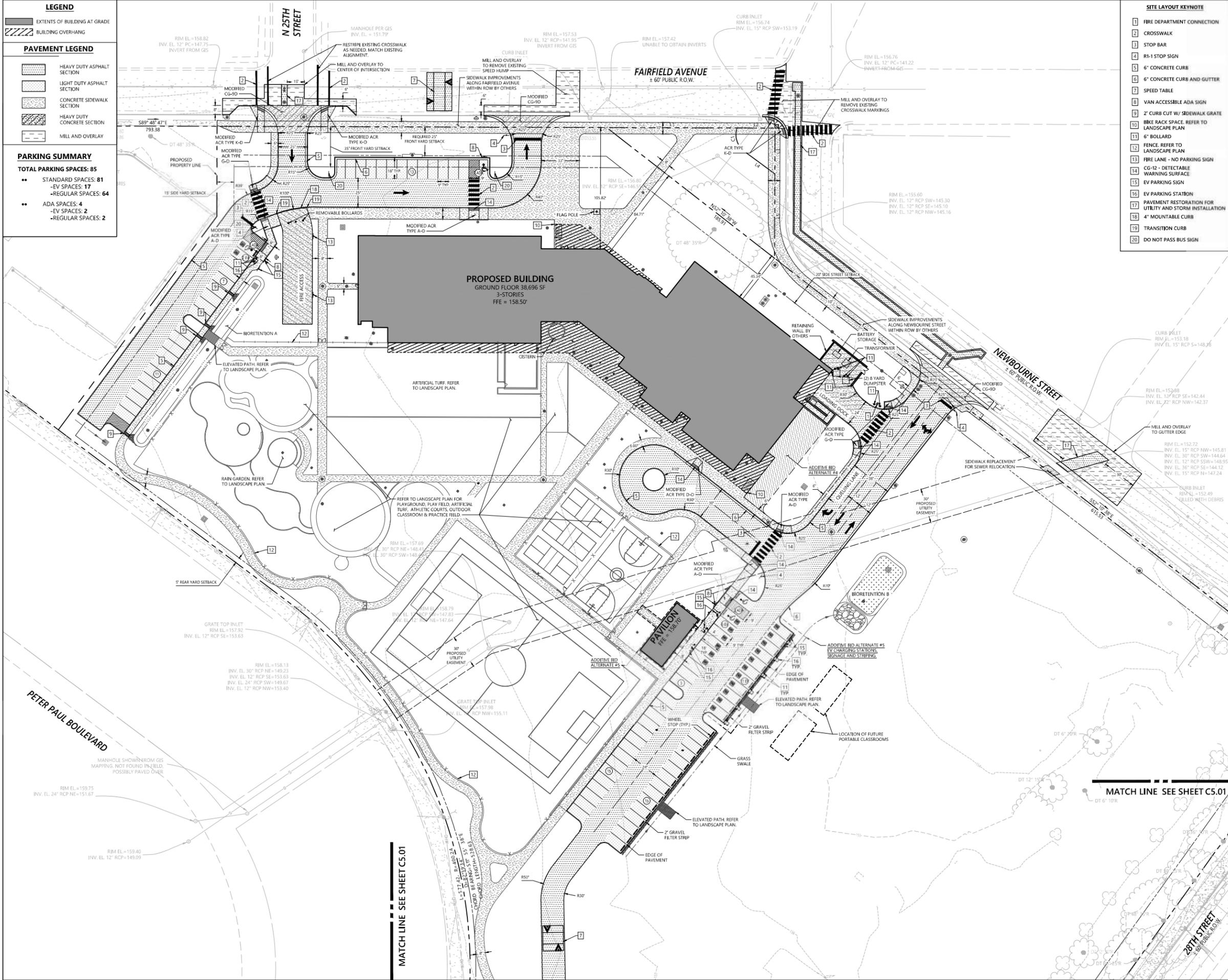
PAVEMENT LEGEND

HEAVY DUTY ASPHALT SECTION
 LIGHT DUTY ASPHALT SECTION
 CONCRETE SIDEWALK SECTION
 HEAVY DUTY CONCRETE SECTION
 MILL AND OVERLAY

PARKING SUMMARY

TOTAL PARKING SPACES: 85

- STANDARD SPACES: 81
- EV SPACES: 17
- REGULAR SPACES: 64
- ADA SPACES: 4
- EV SPACES: 2
- REGULAR SPACES: 2



SITE LAYOUT KEYNOTE

- FIRE DEPARTMENT CONNECTION
- CROSSWALK
- STOP BAR
- R1-1 STOP SIGN
- 6" CONCRETE CURB
- 6" CONCRETE CURB AND GUTTER
- SPEED TABLE
- VAN ACCESSIBLE ADA SIGN
- 2" CURB CUT W/ SIDEWALK GRATE
- BIKE BACK SPACE. REFER TO LANDSCAPE PLAN
- 6" BOLLARD
- FENCE. REFER TO LANDSCAPE PLAN
- FIRE LANE - NO PARKING SIGN
- CG-12 - DETECTABLE WARNING SURFACE
- EV PARKING SIGN
- EV PARKING STATION
- UTILITY RESTORATION FOR UTILITY AND STORM INSTALLATION
- 4" MOUNTABLE CURB
- TRANSITION CURB
- DO NOT PASS BUS SIGN

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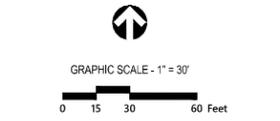
vhb

RPS
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 PUBLIC SCHOOLS

RICHMOND PUBLIC SCHOOLS
WOODVILLE ELEMENTARY SCHOOL
 2000 N 28TH ST.
 RICHMOND, VA 23223

VMDO Project Number 1371

Checked By EG
 Drawn By IK



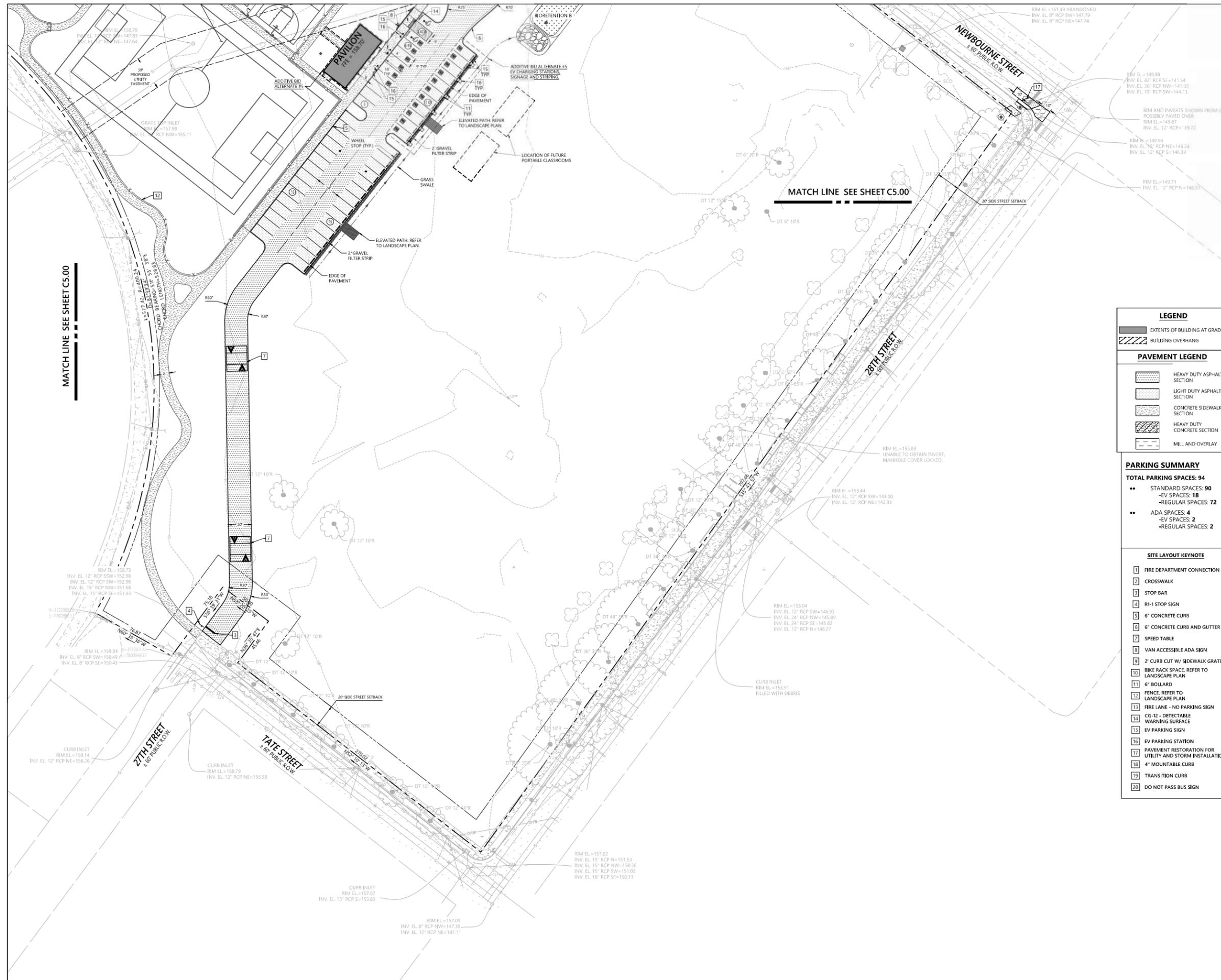
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REVISIONS

NO.	SUBMITTAL	DATE

LAYOUT PLAN

C5.00
 UDC FINAL REVIEW
 04/17/2025



MATCH LINE SEE SHEET C5.00

MATCH LINE SEE SHEET C5.00

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GRAPHIC SCALE - 1" = 30'
0 15 30 60 Feet

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REVISIONS
NO. SUBMITTAL DATE

LAYOUT PLAN

C5.01

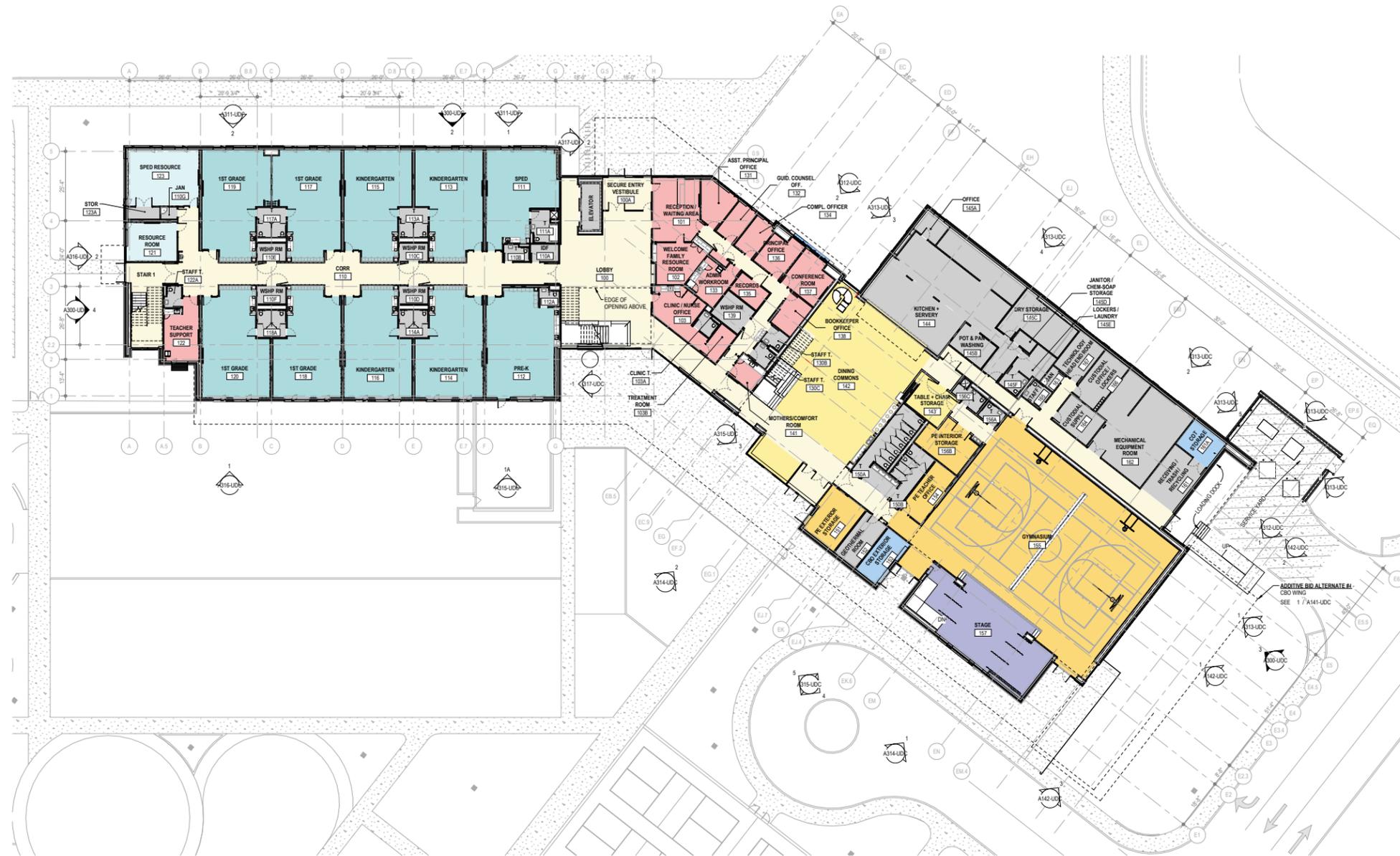
UDC FINAL REVIEW
04/17/2025

LEGEND	
	EXTENTS OF BUILDING AT GRADE
	BUILDING OVERHANG

PAVEMENT LEGEND	
	HEAVY DUTY ASPHALT SECTION
	LIGHT DUTY ASPHALT SECTION
	CONCRETE SIDEWALK SECTION
	HEAVY DUTY CONCRETE SECTION
	MILL AND OVERLAY

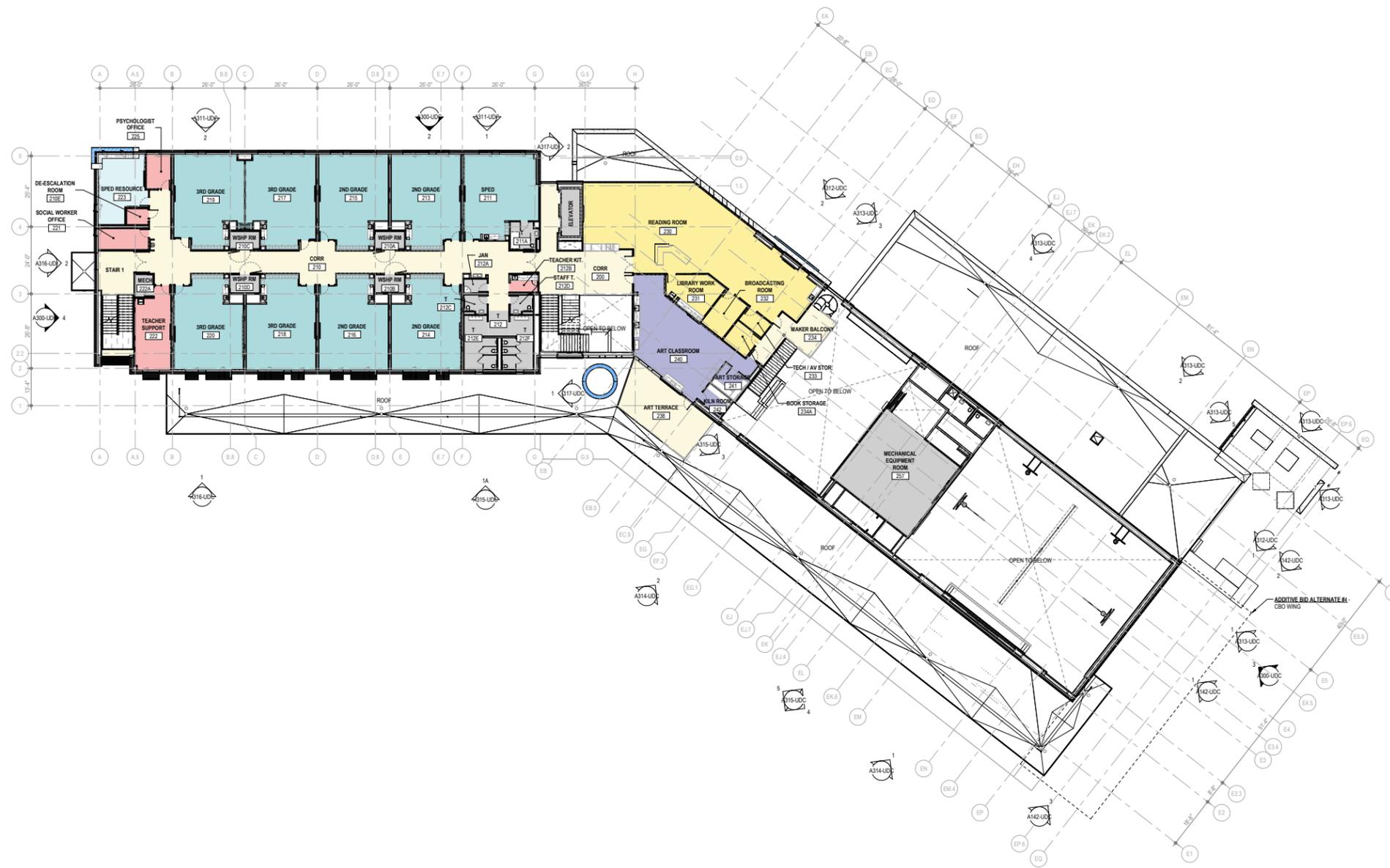
PARKING SUMMARY	
TOTAL PARKING SPACES: 94	
••	STANDARD SPACES: 90
	-EV SPACES: 18
	-REGULAR SPACES: 72
••	ADA SPACES: 4
	-EV SPACES: 2
	-REGULAR SPACES: 2

SITE LAYOUT KEYNOTE	
1	FIRE DEPARTMENT CONNECTION
2	CROSSWALK
3	STOP BAR
4	R1-1 STOP SIGN
5	6" CONCRETE CURB
6	6" CONCRETE CURB AND GUTTER
7	SPEED TABLE
8	VAN ACCESSIBLE ADA SIGN
9	2' CURB CUT W/ SIDEWALK GRATE
10	BIKE RACK SPACE. REFER TO LANDSCAPE PLAN
11	6" BOLLARD
12	FENCE. REFER TO LANDSCAPE PLAN
13	FIRE LANE - NO PARKING SIGN
14	CG-12 - DEFECTABLE WARNING SURFACE
15	EV PARKING SIGN
16	EV PARKING STATION
17	PAVEMENT RESTORATION FOR UTILITY AND STORM INSTALLATION
18	4" MOUNTABLE CURB
19	TRANSITION CURB
20	DO NOT PASS BUS SIGN



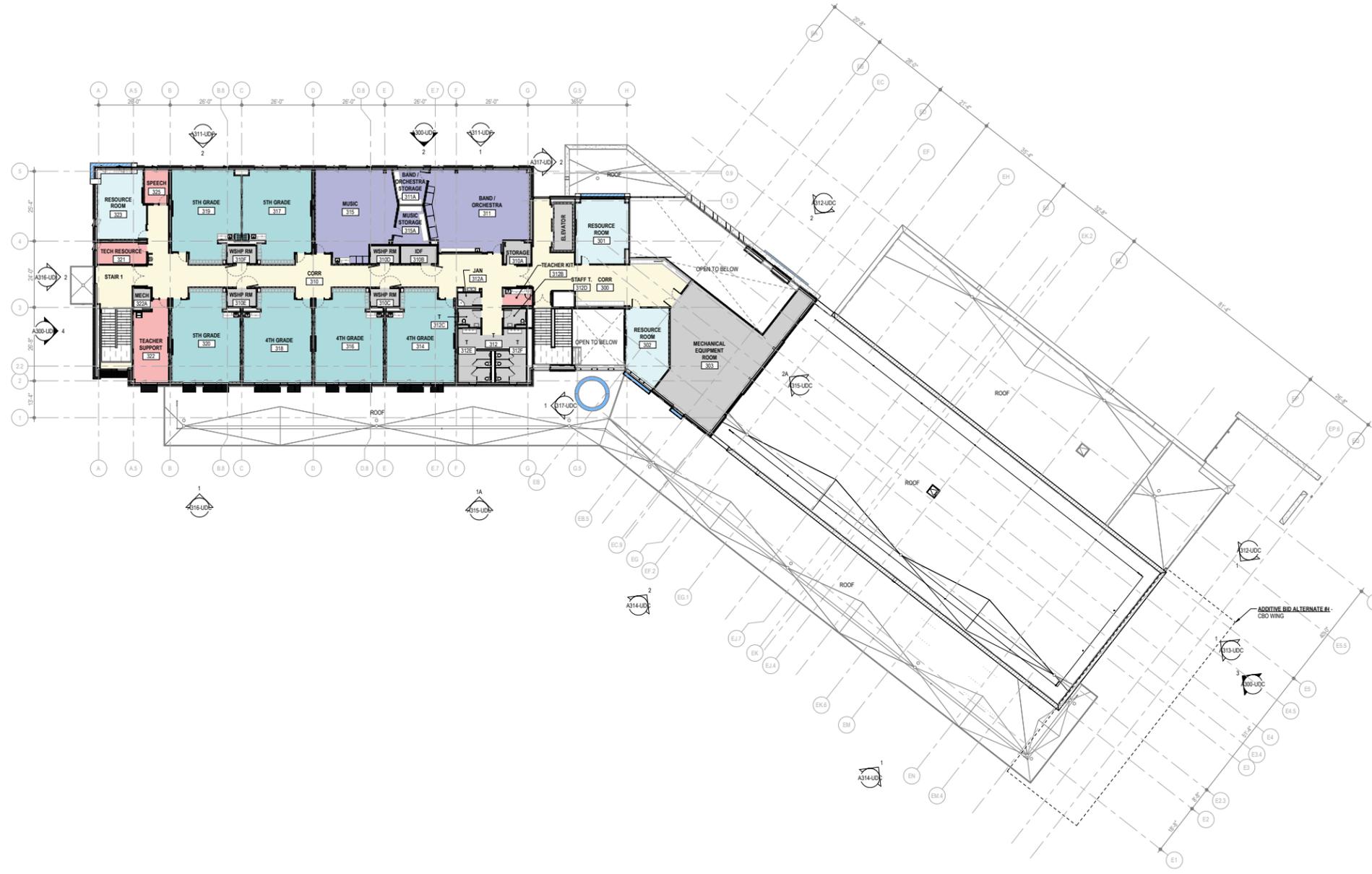
1 LEVEL 1 KEY PLAN - UDC
 A100-UDC 1/8" = 1'-0"

KEY PLAN - LEVEL 1



1 LEVEL 2 KEY PLAN - UDC
 1/16" = 1'-0"

KEY PLAN - LEVEL 2

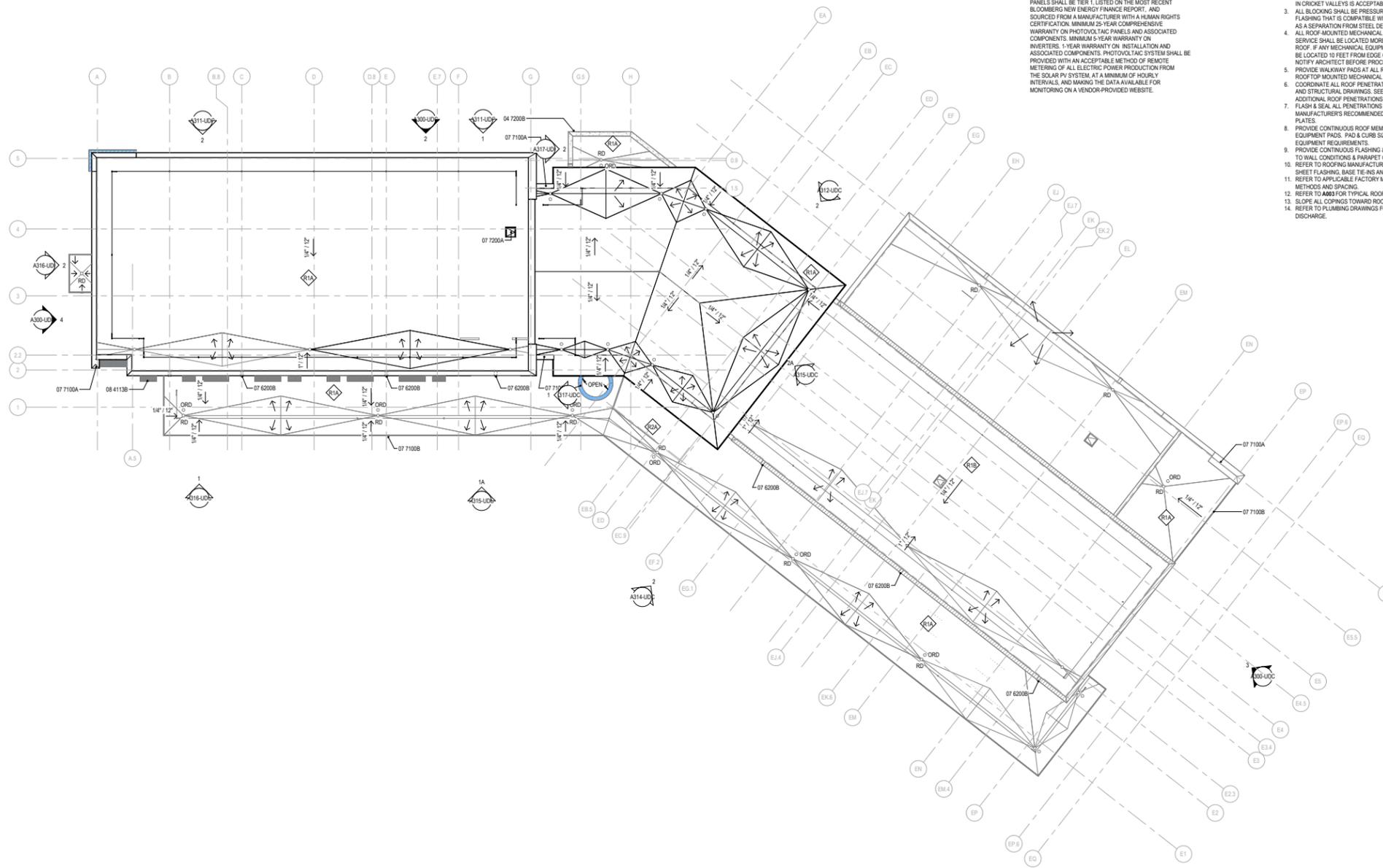


1 LEVEL 3 KEY PLAN - UDC
 TRIP = 1-3

KEY PLAN - LEVEL 3

A120-UDC

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PHOTOVOLTAIC SYSTEM NOTES

PHOTOVOLTAIC SYSTEM SHALL BE ATTACHED TO THE STANDING SEAM METAL ROOF WITH THROUGH BUILDING ROUTING TO HIGH CAPACITY TRANSFORMERLESS INVERTERS LOCATED IN THE MECHANICAL ROOM. PHOTOVOLTAIC PANELS SHALL BE TIE 1 LISTED ON THE MOST RECENT BLOMBERG NEW ENERGY FINANCE REPORT AND SOURCED FROM A MANUFACTURER WITH A HUMAN RIGHTS CERTIFICATION, MINIMUM 25-YEAR COMPREHENSIVE WARRANTY ON PHOTOVOLTAIC PANELS AND ASSOCIATED COMPONENTS, MINIMUM 5-YEAR WARRANTY ON INVERTERS, 1-YEAR WARRANTY ON INSTALLATION AND ASSOCIATED COMPONENTS. PHOTOVOLTAIC SYSTEM SHALL BE PROVIDED WITH AN ACCEPTABLE METHOD OF REMOTE METERING OF ALL ELECTRIC POWER PRODUCTION FROM THE SOLAR PV SYSTEM, AT A MINIMUM OF HOURLY INTERVALS, AND MAKING THE DATA AVAILABLE FOR MONITORING ON A VENDOR-PROVIDED WEBSITE.

ROOF PLAN GENERAL NOTES

1. ALL TAPERED ROOFING INSULATION SHALL HAVE A MINIMUM DEPTH OF 6" AT CRANES & SLOPE TO DRAIN AT 1/4" PER FOOT, TYPICAL.
2. PROVIDE CROCKETS AT ALL OBSTRUCTIONS TO MAINTAIN POSITIVE DRAINAGE. CROCKETS SHALL SLOPE AT 1/2" PER FOOT. 1/8" PER FOOT IN CROCKET VALLEYS IS ACCEPTABLE. SEE SPEC.
3. ALL FLOORING SHALL BE PRESSURE TREATED. PROVIDE FLEXIBLE FLASHING THAT IS COMPATIBLE WITH SPECIFIED ROOF MEMBRANE AS A SEPARATION FROM STEEL DECKING.
4. ALL ROOF MOUNTED MECHANICAL EQUIPMENT THAT REQUIRES SERVICE SHALL BE LOCATED MORE THAN 10 FEET FROM EDGE OF ROOF. IF ANY MECHANICAL EQUIPMENT REQUIRING SERVICE CANNOT BE LOCATED 10 FEET FROM EDGE OF ROOF, CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING.
5. PROVIDE WALKWAY PADS AT ALL ROOF ACCESS POINTS AND TO ALL ROOF TOP MOUNTED MECHANICAL UNITS.
6. COORDINATE ALL ROOF PENETRATIONS W/ MECH., PLUMB., ELEC. AND STRUCTURAL DRAWINGS. SEE M.E.P. DRAWINGS FOR ADDITIONAL ROOF PENETRATIONS NOT SHOWN.
7. FLASH & SEAL ALL PENETRATIONS & CURBS PER ROOFING MANUFACTURER'S RECOMMENDED DETAILS AND APPLICABLE NRCA PLATES.
8. PROVIDE CONTINUOUS ROOF MEMBRANE OVER ALL CURBS AND EQUIPMENT PADS. PAD & CURB SIZES ARE TO BE DETERMINED BY EQUIPMENT REQUIREMENTS.
9. PROVIDE CONTINUOUS FLASHING & COUNTER FLASHING AT ALL ROOF TO WALL CONDITIONS & PARAPET CONDITIONS.
10. REFER TO ROOFING MANUFACTURER'S REQUIREMENTS FOR CAP SHEET FLASHING, BASE TIE-INS AND SEALANT BEADS.
11. REFER TO APPLICABLE FACTORY MUTUAL LISTING FOR FASTENING METHODS AND SPACING.
12. REFER TO A003 FOR TYPICAL ROOF TYPES.
13. SLOPE ALL COPINGS TOWARD ROOF DRAIN.
14. REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING AND DISCHARGE.



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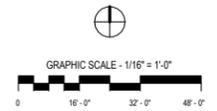


Richmond Public Schools

WOODVILLE
ELEMENTARY SCHOOL

VMDO Project Number 1371

Checked By TJ
 Drawn By HO, JR



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CONSTRUCTION

NO.	SUBMITTAL	DATE

1 ROOF KEY PLAN - UDC
1/8" = 1'-0"

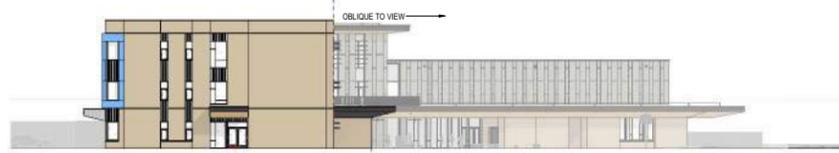
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK

NO.	DESCRIPTION
04 7200B	CAST STONE MASONRY - COPING
07 6200B	SHEET METAL FLASHING AND TRIM - THRU-WALL SCUPPER
07 7100A	ROOF SPECIALTIES - COPING
07 7100B	ROOF SPECIALTIES - GRAVEL STOP
07 7200A	ROOF ACCESSORIES - HATCH
08 4113B	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS - SUN CONTROL DEVICE

KEY PLAN - ROOF

A130-UDC

UDC FINAL REVIEW
04/17/2025



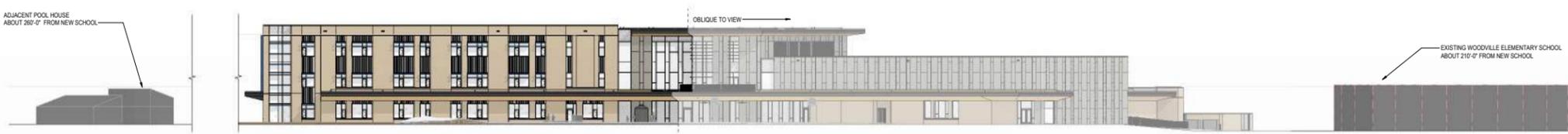
4 WEST ELEVATION - OVERALL - UDC
3/6" = 1'-0"



3 SOUTH EAST ELEVATION - OVERALL - UDC
3/6" = 1'-0"



2 NORTH ELEVATION - OVERALL - UDC
3/6" = 1'-0"



1 SOUTH ELEVATION - OVERALL - UDC
3/6" = 1'-0"

MATERIALS IN ELEVATION

FOR ADDITIONAL INFORMATION ON MATERIALS, SEE B.O.D. SCHEDULE IN A300 SERIES

-  BRICK
-  ALUMINUM COMPOSITE PANEL
GRAY (ACM-1), BLUE (ACM-2)
-  FORMED METAL PANEL
-  UHPC PANEL
-  ALUMINUM COMPOSITE PANEL
FASCIA, CHARCOAL
-  WOOD-ALTERNATIVE
-  CLEAR GLASS
-  SPANDELR GLASS

ELEVATION / BUILDING SECTION GENERAL NOTES

1. SEE SHEET A300 FOR EXTERIOR ENVELOPE TYPES
2. ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
3. PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS WHETHER GALVANIZED OR NOT (STRUCTURAL AND DECORATIVE).
4. ALL EXTERIOR HANDRAILS AND GUARDRAILS SHALL BE HOT DIPPED GALVANIZED AND WILL RECEIVE HIGH PERFORMANCE COATING IN THE FIELD.
5. INTERIOR VIEWS IN BUILDING SECTIONS ARE TYPICALLY SIMPLIFIED FOR CLARITY. REFER TO LARGER SCALED INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
6. FOOTINGS AND FOUNDATIONS ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK.
7. REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
8. SEE G SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

STOREFRONT & CURTAINWALL GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
2. DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
3. CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
4. COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
5. ALL EXTERIOR GLASS IS TYPE GL55A U.O.N. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
6. SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
7. DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
8. CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
9. COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
10. CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
11. ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
12. SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
13. SEE ROPS FOR ROLLER SHAPE SCOPE.
14. SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
15. COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
16. SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.



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Richmond Public Schools
**WOODVILLE
ELEMENTARY SCHOOL**

VMDO Project Number **1371**

Checked By **JPM**
Drawn By **SD**

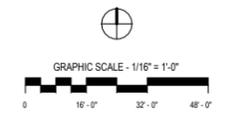


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CONSTRUCTION**

NO.	SUBMITTAL	DATE

**EXTERIOR ELEVATIONS -
OVERALL**

A300-UDC
UDC FINAL REVIEW
04/17/2025



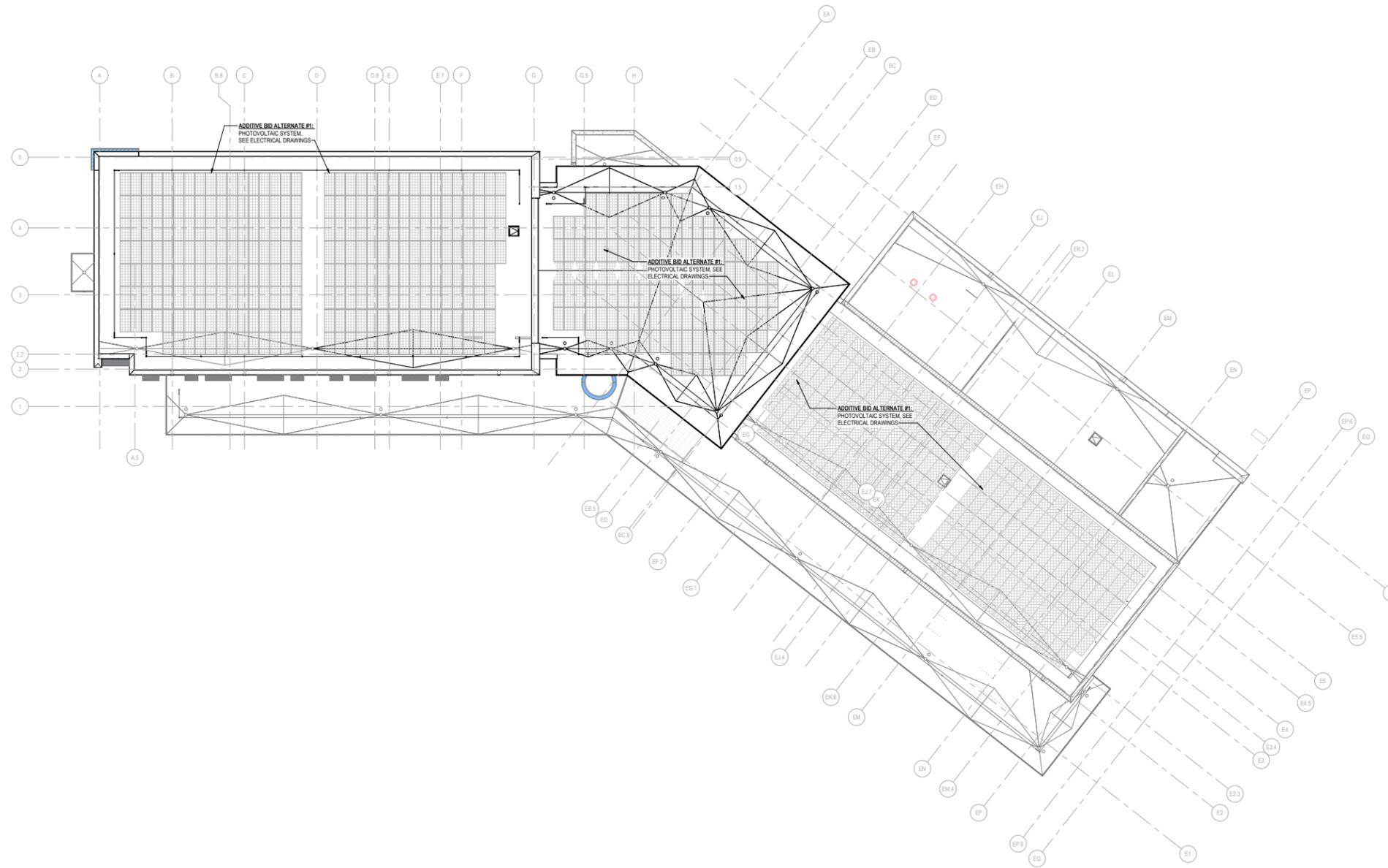
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CONSTRUCTION

REVISIONS	NO.	SUBMITTAL	DATE

ADDITIVE BID #1 -
PHOTOVOLTAIC ROOF
ARRAY - ROOF PLAN

A140-UDC

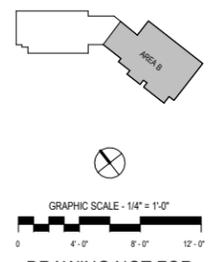
UDC FINAL REVIEW
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1 ROOF KEY PLAN - ADDITIVE BID #1 - UDC
1/8" = 1'-0"

PHOTOVOLTAIC ARRAY INFORMATION SEE ELECTRICAL DRAWINGS

04/17/2025



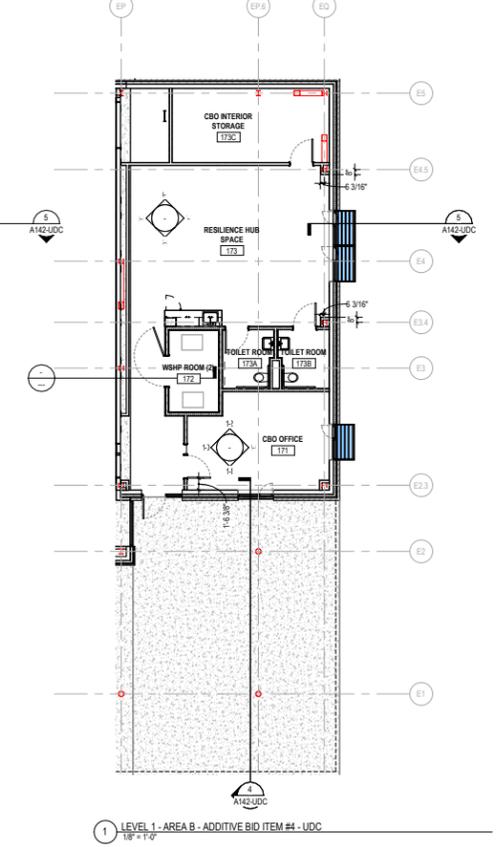
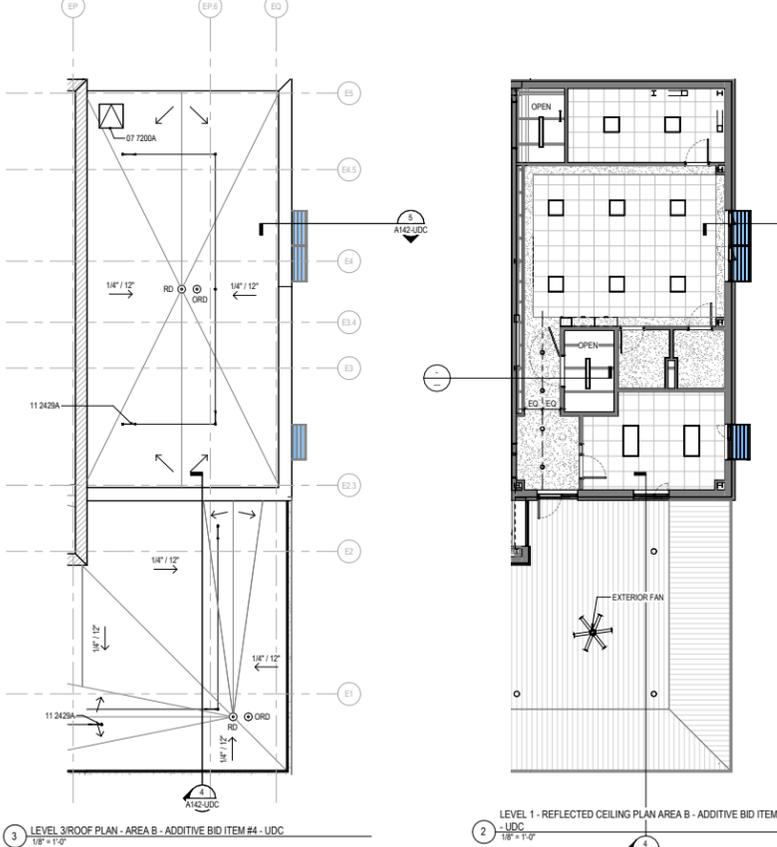
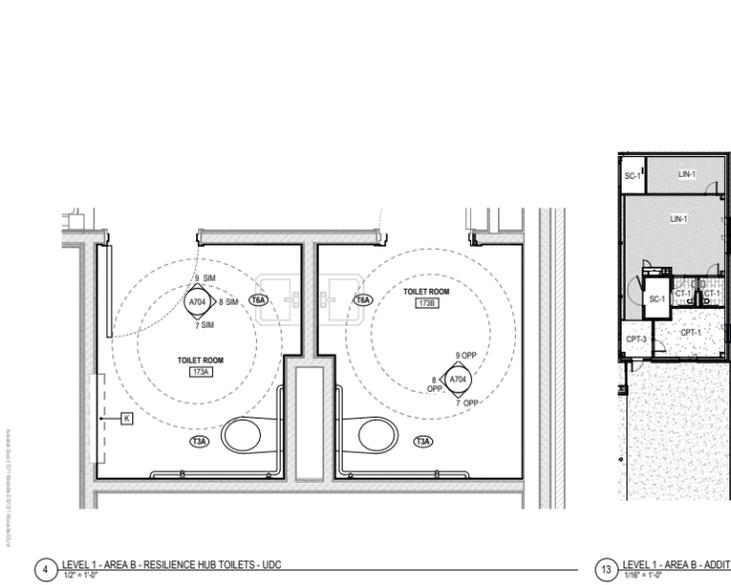
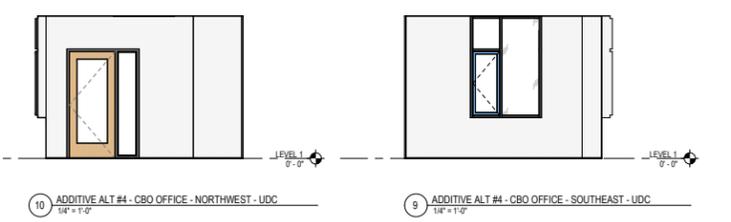
GRAPHIC SCALE - 1/4" = 1'-0"
 0 4'-0" 8'-0" 12'-0"
DRAWING NOT FOR CONSTRUCTION

REVISIONS

NO.	SUBMITTAL	DATE

ROOF PLAN GENERAL NOTES

- ALL TAPERED ROOFING INSULATION SHALL HAVE A MINIMUM DEPTH OF 6" AT DRAINS & SLOPE TO DRAIN AT 1/4" PER FOOT, TYPICAL.
- PROVIDE CRICKETS AT ALL OBSTRUCTIONS TO MAINTAIN POSITIVE DRAINAGE. CRICKETS SHALL SLOPE AT 1/2" PER FOOT, 1/8" PER FOOT IN CRICKET VALLEYS IS ACCEPTABLE. SEE SPEC.
- ALL BLOCKING SHALL BE PRESSURE TREATED. PROVIDE FLEXIBLE FLASHING THAT IS COMPATIBLE WITH SPECIFIED ROOF MEMBRANE AS A SEPARATION FROM STEEL DECKING.
- ALL ROOF MOUNTED MECHANICAL EQUIPMENT THAT REQUIRES SERVICE SHALL BE LOCATED MORE THAN 10 FEET FROM EDGE OF ROOF. IF ANY MECHANICAL EQUIPMENT REQUIRING SERVICE CANNOT BE LOCATED 10 FEET FROM EDGE OF ROOF, CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING.
- PROVIDE WALKWAY PADS AT ALL ROOF ACCESS POINTS AND TO ALL ROOFTOP MOUNTED MECHANICAL UNITS.
- COORDINATE ALL ROOF PENETRATIONS W/ MECH., PLUMB., ELEC. AND STRUCTURAL DRAWINGS. SEE M.E.P. DRAWINGS FOR ADDITIONAL ROOF PENETRATIONS NOT SHOWN.
- FLASH & SEAL ALL PENETRATIONS & CURBS PER ROOFING MANUFACTURER'S RECOMMENDED DETAILS AND APPLICABLE NRCA PLATES.
- PROVIDE CONTINUOUS ROOF MEMBRANE OVER ALL CURBS AND EQUIPMENT PADS. PAD & CURB SIZES ARE TO BE DETERMINED BY EQUIPMENT REQUIREMENTS.
- PROVIDE CONTINUOUS FLASHING & COUNTER FLASHING AT ALL ROOF TO WALL CONDITIONS & PARAPET CONDITIONS.
- REFER TO ROOFING MANUFACTURER'S REQUIREMENTS FOR CAP SHEET FLASHING, BASE TIE-INS AND SEALANT BEADS.
- REFER TO APPLICABLE FACTORY MUTUAL LISTING FOR FASTENING METHODS AND SPACING.
- REFER TO AIAA3 FOR TYPICAL ROOF TYPES.
- SLOPE ALL COPINGS TOWARD ROOF U.N.O.
- REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING AND DISCHARGE.



FLOOR PLAN GENERAL NOTES

- SEE "L-SERIES" LANDSCAPE DRAWINGS FOR HARDSCAPE ELEMENTS, PAVING AND SITE WALLS ADJACENT TO THE BUILDING. DEPICTED LANDSCAPE IN "A-SERIES" DRAWINGS IS FOR REFERENCE ONLY.
- REFER TO "XXX" DRAWINGS FOR ALL FINISHES APPLIED TO PARTITIONS AS SCHEDULED AND ILLUSTRATED IN THE A-SERIES DRAWINGS. NOT ALL APPLIED INTERIOR FINISHES ARE ILLUSTRATED IN THE A-SERIES DRAWINGS. WHERE INTERIOR FINISH IS INDICATED, COORDINATE WITH XXX FINISH SCHEDULE.
- ALL INTERIOR PARTITIONS ARE TYPE XXX U.N.O.
- SEE SHEET A102 FOR PARTITION TYPES.
- SEE A100X SERIES FOR PLAN ENLARGEMENTS SERIES WITH ADDITIONAL NOTES AND DETAILS.
- SEE "O-SERIES" DRAWINGS FOR FULL SCOPE OF FIRE RATINGS.
- SEE A100X FOR INTERIOR FRAME TYPES. SEE EXTERIOR ELEVATIONS FOR EXTERIOR STOREFRONT CATALOG.
- BEFORE INSTALLATION, CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ARCHITECT THE EXACT MOUNTING LOCATIONS OF ALL SWITCHES, WALL RECEPTACLES, PLUGS, FEED AND OTHER WALL MOUNTED FIXTURES AND GRAPHICS/FINISHES. NO SWITCHES, DEVICES, EQUIPMENT, ETC. TO BE INSTALLED IN SPECIALTY FINISH/DISPLAY WALL AREAS.
- LOCATE FACE OF DOOR PANELS (WHEN OPEN @ 90 DEGREES) 4" FROM FACE OF ADJACENT WALL U.N.O.
- PROVIDE WOOD BLOCKING OR 1/8 GAUGE METAL STRAPPING BEHIND G.W.B. WHERE REQUIRED TO SUPPORT FIXTURES OR EQUIPMENT PROVIDED BY THE CONTRACTOR OR BY OTHERS.
- WHERE METAL FRAMING REQUIRES SUPPORT AT COLUMNS & BEAMS, PROVIDE METAL STAND-OFFS PRIOR TO APPLYING FIREPROOFING.
- PROVIDE ACCESS PANELS TO DOORS IN PARTITIONS AT ALL LOCATIONS REQUIRING ACCESS. PANELS SHALL MAINTAIN FIRE RATING. INTERIOR DIMENSIONS ARE TYPICALLY SHOWN FROM OUTSIDE FACE OF WALL FINISH TO OUTSIDE FACE OF WALL FINISH UNLESS NOTED OTHERWISE. WHEN NOTED AS "CL", DIMENSION IS TAKEN FROM CENTER OF STRUCTURAL CORE. CONTRACTOR SHALL NOTE SPECIAL LOCATIONS IN WHICH "CLEAR" AND "HOLD" DIMENSIONS ARE INDICATED ("CLEAR" DIMENSIONS ARE FROM FINISH TO FINISH).
- EXTERIOR DIMENSIONS ARE TAKEN FROM FACE OF BACKUP WALL U.N.O. ALL EXPOSED AREAS INCLUDING ALL SYSTEMS (IF EXPOSED) ARE TO BE FULLY PAINTED INCLUDING COLOR COORDING OF ALL SYSTEMS AND PIPING.
- M, E, AND P ITEMS ARE ILLUSTRATED IN PLAN FOR COORDINATION. NOT ALL ENGINEERING COMPONENTS ARE ILLUSTRATED. REFER TO M.E.P. DRAWINGS FOR FULL SCOPE OF THESE COMPONENTS.
- COORDINATE WITH OVERALL SITE PLAN, CIVIL, LANDSCAPE, STRUCTURAL, INTERIOR DESIGN ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ALL SITE CONDITIONS.
- CONTRACTOR TO COORDINATE FINISH PLANS, AND LIFE SAFETY DRAWINGS FOR WALL TYPES AND PARTITION CONSTRUCTION.
- REFER TO ROOF PLAN GENERAL NOTES AT ROOFS.

REFLECTED CEILING PLAN GENERAL NOTES

- CEILING HEIGHTS ARE MEASURED FROM T.O. CONCRETE SLAB EXCEPT FOR ROOMS WITH CERAMIC TILE WHERE HEIGHTS ARE MEASURED FROM FINISH TILE ELEVATION.
- REFER TO REFLECTED CEILING PLANS FOR GRID LAYOUTS AND FIXTURE LOCATIONS & COORDINATE WITH M.E.P. IN CASE OF CONFLICT. CONSULT ARCHITECT. SEE ELECTRICAL FOR SPECIFIC LIGHT FIXTURE TYPE DESIGNATION.
- PAINT ALL STRUCTURE AND INFRASTRUCTURE COMPONENTS AND SURFACES AT OPEN OR EXPOSED CEILING.
- SPRINKLERS, WHERE SHOWN, INDICATE PREFERRED RELATIONSHIP TO ADJACENT BUILDING ELEMENTS ONLY. ALL SPRINKLER PIPING IS TO BE CONCEALED IN WALL OR CEILING CAVITIES. CONSULT WITH ARCHITECT ON CONFLICTS.
- ALL SUSPENDED ACOUSTICAL TILE CEILING SHALL BE CENTERED IN EACH ROOM PER THE REFLECTED CEILING PLAN U.N.O.
- CENTER SPRINKLER HEADS, MECHANICAL AIR DEVICES, LIGHT FIXTURES AND OTHER ELECTRICAL DEVICES IN ACOUSTICAL CEILING PANELS, U.N.O.
- LOCATE M.E.P. COMPONENTS REQUIRING ACCESS AT ACCESSIBLE CEILING AREAS TO THE GREATEST EXTENT POSSIBLE. WHERE CEILING ARE INACCESSIBLE, PROVIDE ACCESS PANELS. ALERT ARCHITECT AND COORDINATE LOCATION.
- SOME M.E.P. COMPONENTS, ELECTRICAL DEVICES AND PLUMBING DEVICES MAY NOT BE SHOWN. REFER TO M.E.P. DRAWINGS.
- PROVIDE VERTICAL GYP. BID AT ALL CEILING HEIGHT TRANSITIONS, U.N.O.
- WHERE GYP BOARD CONTROL JOINTS ARE NOTED ACROSS OFFSET CEILING HEIGHTS, CONTINUE CONTROL JOINT ON VERTICAL FACE OF GYP. BOARD BULKHEAD.
- WHERE GYP. BOARD CONTROL JOINTS ARE REQUIRED BUT NOT SHOWN ON RCP, ALERT ARCHITECT AND COORDINATE LOCATION.
- U.N.O., ALL EXPOSED CEILING AREAS ABOVE SUSPENDED DECORATIVE WOOD GRILLE ARE TO RECEIVE SPRAY-APPLIED CELLULOSIC INSULATION W/ INTEGRAL COLOR/PT-M.

INTERIOR ELEVATION GENERAL NOTES

- CERTAIN ELEMENTS MAY NOT BE SHOWN IN INTERIOR ELEVATIONS. REFER TO COMPLETE DOCUMENT SET FOR INFORMATION ON MECHANICAL, ELECTRICAL & PLUMBING ITEMS, ETC. FOR INFORMATION ON FINISHES SEE A100X.

KEYNOTES

NO.	DESCRIPTION
07 720A	ROOF ACCESSORIES - HATCH
11 2429A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 1/2" TALL ANCHORS, TYP.

ADDITIVE BID #4 - CBO
 WING - PLANS &
 INTERIOR ELEVATIONS

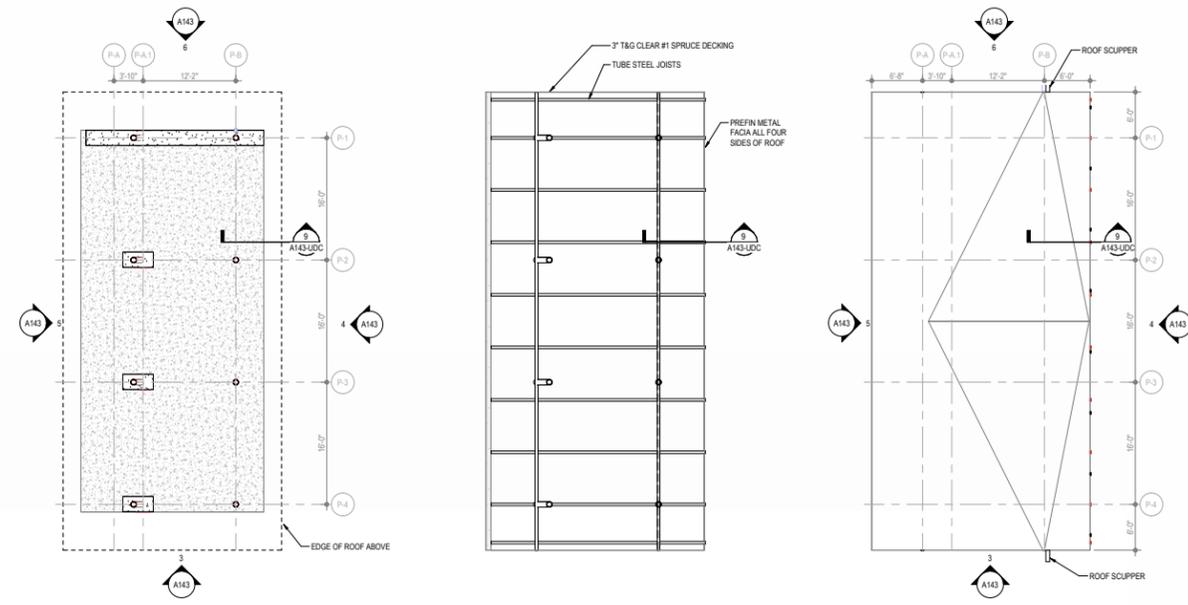
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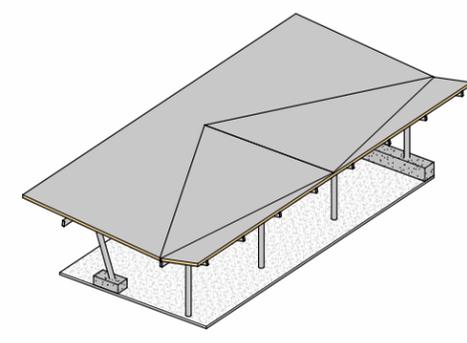
NO.	SUBMITTAL	DATE



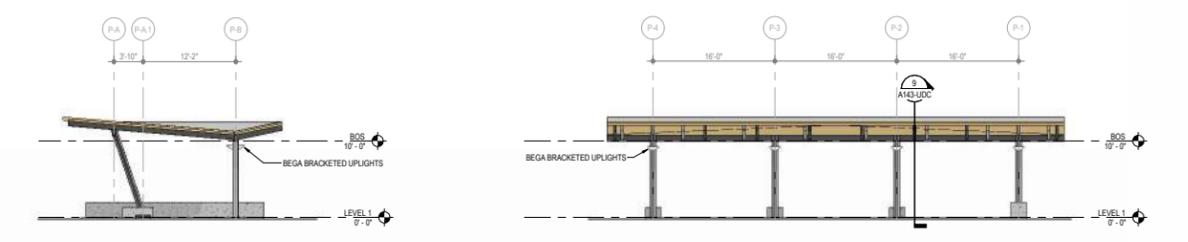
1 PAVILION FLOOR PLAN - UDC
 1/8" = 1'-0"

2 PAVILION RCP - UDC
 1/8" = 1'-0"

7 PAVILION ROOF PLAN - UDC
 1/8" = 1'-0"

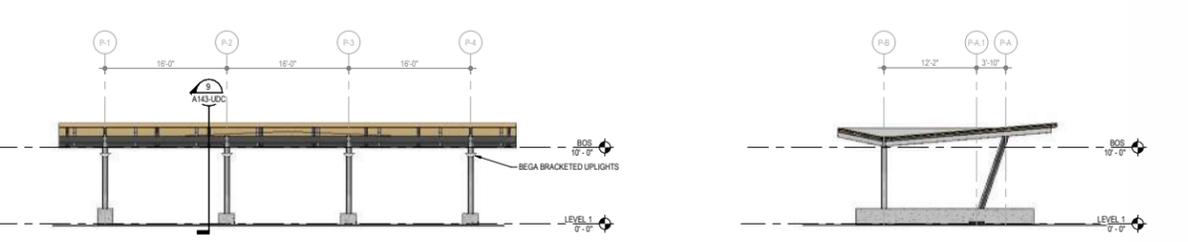


8 AXON - PAVILION - UDC
 N.T.S.



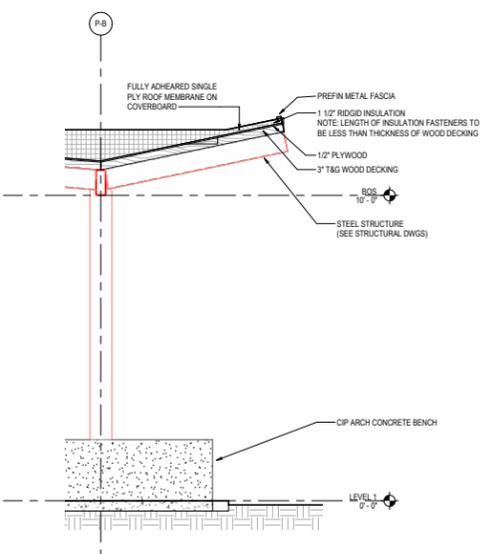
3 PAVILION - NORTHEAST ELEVATION - UDC
 1/8" = 1'-0"

4 PAVILION - NORTHWEST ELEVATION - UDC
 1/8" = 1'-0"



5 PAVILION - SOUTHEAST ELEVATION - UDC
 1/8" = 1'-0"

6 PAVILION - SOUTHWEST ELEVATION - UDC
 1/8" = 1'-0"



9 PAVILION WALL SECTION - UDC
 1/2" = 1'-0"

**FLOOR PLAN
 GENERAL NOTES**

- SEE "L-SERIES" LANDSCAPE DRAWINGS FOR HARDSCAPE ELEMENTS, PAVING AND SITE WALLS ADJACENT TO THE BUILDING. DEPICTED LANDSCAPE IN "A-SERIES" DRAWINGS IS FOR REFERENCE ONLY. REFER TO "XXX" DRAWINGS FOR ALL FINISHES APPLIED TO PARTITIONS AS SCHEDULED AND ILLUSTRATED IN THE A-SERIES DRAWINGS. NOT ALL APPLIED INTERIOR FINISHES ARE ILLUSTRATED IN THE A-SERIES DRAWINGS. WHERE INTERIOR FINISH IS INDICATED, COORDINATE WITH XXX FINISH SCHEDULE.
- ALL INTERIOR PARTITIONS ARE TYPE XXX U.N.O.
- SEE SHEET A102 FOR PARTITION TYPES.
- SEE XXX SERIES FOR PLAN ENLARGEMENTS SERIES WITH ADDITIONAL NOTES AND DETAILS.
- SEE "O-SERIES" DRAWINGS FOR FULL SCOPE OF FIRE RATINGS.
- SEE AXON FOR INTERIOR FRAME TYPES. SEE EXTERIOR ELEVATIONS FOR EXTERIOR STOREFRONT CATALOG.
- BEFORE INSTALLATION, CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ARCHITECT THE EXACT MOUNTING LOCATIONS OF ALL SWITCHES, WALL RECEPTACLES, PLUGS, FEED AND OTHER WALL MOUNTED FIXTURES AND GRAPHIC FINISHES. NO SWITCHES, DEVICES, EQUIPMENT, ETC. TO BE INSTALLED IN SPECIALTY FINISH/DISPLAY WALL AREAS.
- LOCATE FACE OF DOOR PANELS (WHEN OPEN @ 90 DEGREES) 4" FROM FACE OF ADJACENT WALL U.N.O.
- PROVIDE WOOD BLOCKING OR 18 GAUGE METAL STRAPPING BEHIND G.W.B. WHERE REQUIRED TO SUPPORT FIXTURES OR EQUIPMENT PROVIDED IN THE CONTRACT OR BY OTHERS.
- WHERE METAL FRAMING REQUIRES SUPPORT AT COLUMNS & BEAMS, PROVIDE METAL STAND-OFFS PRIOR TO APPLYING FIREPROOFING.
- PROVIDE ACCESS PANELS TO DOORS IN PARTITIONS AT ALL LOCATIONS REQUIRING ACCESS. PANELS SHALL MAINTAIN FIRE RATING. INTERIOR DIMENSIONS ARE TYPICALLY SHOWN FROM OUTSIDE FACE OF WALL FINISH TO OUTSIDE FACE OF WALL FINISH, UNLESS NOTED OTHERWISE. WHEN NOTED AS "CL", DIMENSION IS TAKEN FROM CENTER OF STRUCTURAL CORE. CONTRACTOR SHALL NOTE SPECIAL LOCATIONS IN WHICH "CLEAR" AND "HOLD" DIMENSIONS ARE INDICATED ("CLEAR" DIMENSIONS ARE FROM FINISH TO FINISH).
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- COORDINATE WITH OVERALL SITE PLAN, CIVIL, LANDSCAPE, STRUCTURAL, INTERIOR DESIGN, ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ALL SITE CONDITIONS.
- CONTRACTOR TO COORDINATE FINISH PLANS, AND LIFE SAFETY DRAWINGS FOR WALL TYPES AND PARTITION CONSTRUCTION.
- REFER TO ROOF PLAN GENERAL NOTES AT ROOFS.

REFLECTED CEILING PLAN GENERAL NOTES

- CEILING HEIGHTS ARE MEASURED FROM T.O. CONCRETE SLAB EXCEPT FOR ROOMS WITH CERAMIC TILE WHERE HEIGHTS ARE MEASURED FROM FINISH TILE ELEVATION.
- REFER TO REFLECTED CEILING PLANS FOR GRID LAYOUTS AND FIXTURE LOCATIONS & COORDINATE WITH MEP. IN CASE OF CONFLICT, CONSULT ARCHITECT. SEE ELECTRICAL FOR SPECIFIC LIGHT FIXTURE TYPE DESIGNATION.
- PAINT ALL STRUCTURE AND INFRASTRUCTURE COMPONENTS AND SURFACES AT OPEN OR EXPOSED CEILINGS.
- SPRINKLERS, WHERE SHOWN, INDICATE PREFERRED RELATIONSHIP TO ADJACENT BUILDING ELEMENTS ONLY. ALL SPRINKLER PIPING IS TO BE CONCEALED IN WALL OR CEILING CAVITIES. CONSULT WITH ARCHITECT ON CONFLICTS.
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- CENTER SPRINKLER HEADS, MECHANICAL AIR DEVICES, LIGHT FIXTURES AND OTHER ELECTRICAL DEVICES IN ACOUSTICAL CEILING PANELS, U.N.O.
- LOCATE M.E.P. COMPONENTS REQUIRING ACCESS AT ACCESSIBLE CEILING AREAS TO THE GREATEST EXTENT POSSIBLE. WHERE CEILINGS ARE INACCESSIBLE, PROVIDE ACCESS PANELS. ALERT ARCHITECT AND COORDINATE LOCATION.
- SOME M.E.P. COMPONENTS, ELECTRICAL DEVICES AND PLUMBING DEVICES MAY NOT BE SHOWN. REFER TO M.E.P. DRAWINGS.
- PROVIDE VERTICAL GYP. BD. AT ALL CEILING HEIGHT TRANSITIONS, U.N.O.
- WHERE GYP BOARD CONTROL JOINTS ARE NOTED ACROSS OFFSET CEILING HEIGHTS, CONTINUE CONTROL JOINT ON VERTICAL FACE OF GYP BOARD BULKHEAD.
- WHERE GYP BOARD CONTROL JOINTS ARE REQUIRED BUT NOT SHOWN ON RCP, ALERT ARCHITECT AND COORDINATE LOCATION.
- U.N.O., ALL EXPOSED CEILINGS AND AREA ABOVE SUSPENDED DECORATIVE WOOD GRILLE ARE TO RECEIVE SPRAY-APPLIED CELLULOSIC INSULATION W/ INTEGRAL COLOR/P.T.M.

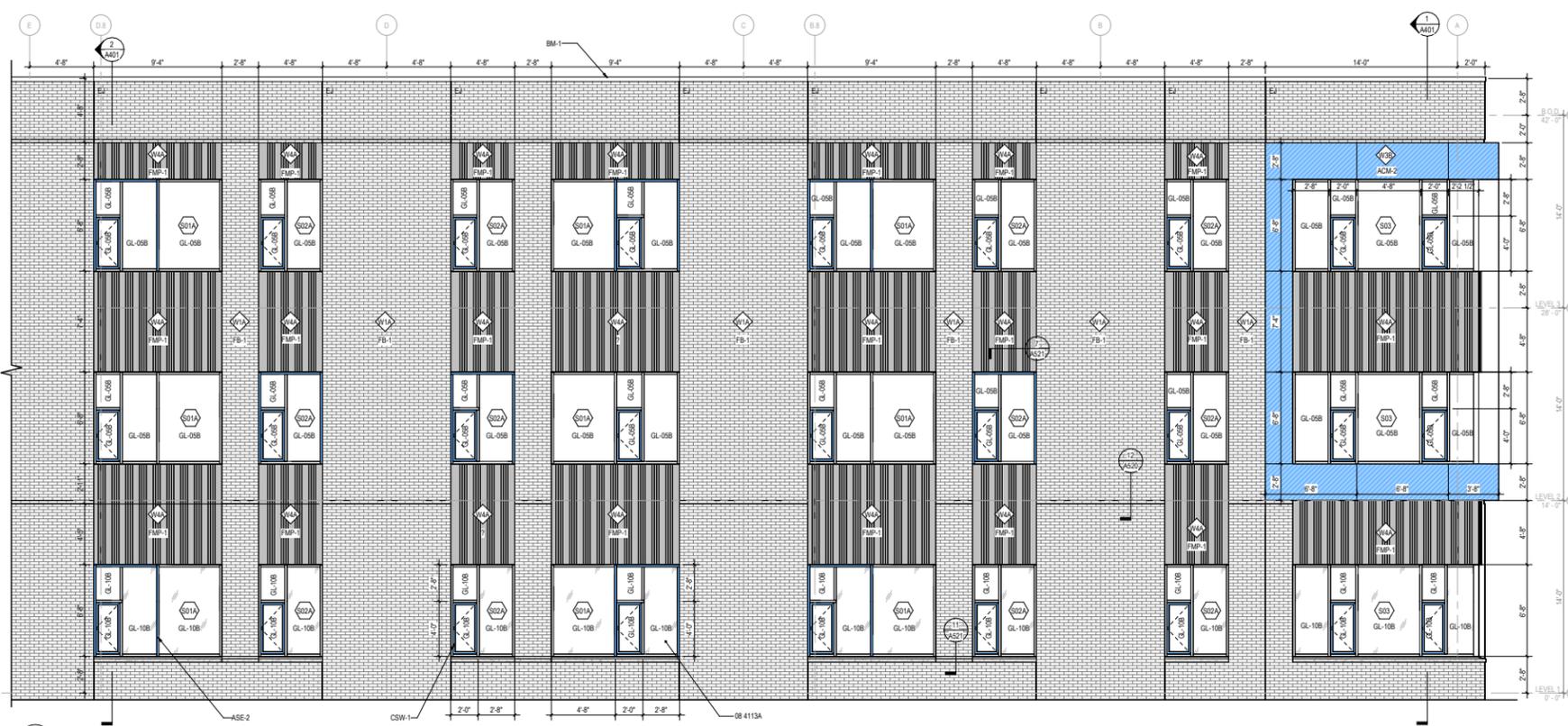
ROOF PLAN GENERAL NOTES

- ALL TAPERED ROOFING INSULATION SHALL HAVE A MINIMUM DEPTH OFF* AT DRAINS & SLOPE TO DRAIN AT 1/4" PER FOOT, TYPICAL.
- PROVIDE CRICKETS AT ALL OBSTRUCTIONS TO MAINTAIN POSITIVE DRAINAGE. CRICKETS SHALL SLOPE AT 1/2" PER FOOT. 1/8" PER FOOT IN CRICKET VALLEYS IS ACCEPTABLE. SEE SPEC.
- ALL BLOCKING SHALL BE PRESSURE TREATED. PROVIDE FLEXIBLE FLASHING THAT IS COMPATIBLE WITH SPECIFIED ROOF MEMBRANE AS A SEPARATION FROM STEEL DECKING.
- ALL ROOF-MOUNTED MECHANICAL EQUIPMENT THAT REQUIRES SERVICE SHALL BE LOCATED MORE THAN 10 FEET FROM EDGE OF ROOF. IF ANY MECHANICAL EQUIPMENT REQUIRING SERVICE CANNOT BE LOCATED 10 FEET FROM EDGE OF ROOF, CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING.
- PROVIDE WALKWAY PADS AT ALL ROOF ACCESS POINTS AND TO ALL ROOF TOP MOUNTED MECHANICAL UNITS.
- COORDINATE ALL ROOF PENETRATIONS W/ MECA., PLUMB., ELEC. AND STRUCTURAL DRAWINGS. SEE M.E.P. DRAWINGS FOR ADDITIONAL ROOF PENETRATIONS NOT SHOWN.
- FLASH & SEAL ALL PENETRATIONS & CURBS PER ROOFING MANUFACTURER'S RECOMMENDED DETAILS AND APPLICABLE NRCA PLATES.
- PROVIDE CONTINUOUS ROOF MEMBRANE OVER ALL CURBS AND EQUIPMENT PADS. PAD & CURB SIZES ARE TO BE DETERMINED BY EQUIPMENT REQUIREMENTS.
- PROVIDE CONTINUOUS FLASHING & COUNTER FLASHING AT ALL ROOF TO WALL CONDITIONS & PARAPET CONDITIONS.
- REFER TO ROOFING MANUFACTURER'S REQUIREMENTS FOR CAP SHEET FLASHING, BASE TIE-INS AND SEALANT BEADS.
- REFER TO APPLICABLE FACTORY MUTUAL LISTING FOR FASTENING METHODS AND SPACING.
- REFER TO A103 FOR TYPICAL ROOF TYPES.
- SLOPE ALL COPINGS TOWARD ROOF U.N.O.
- REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN SIZING AND DISCHARGE.

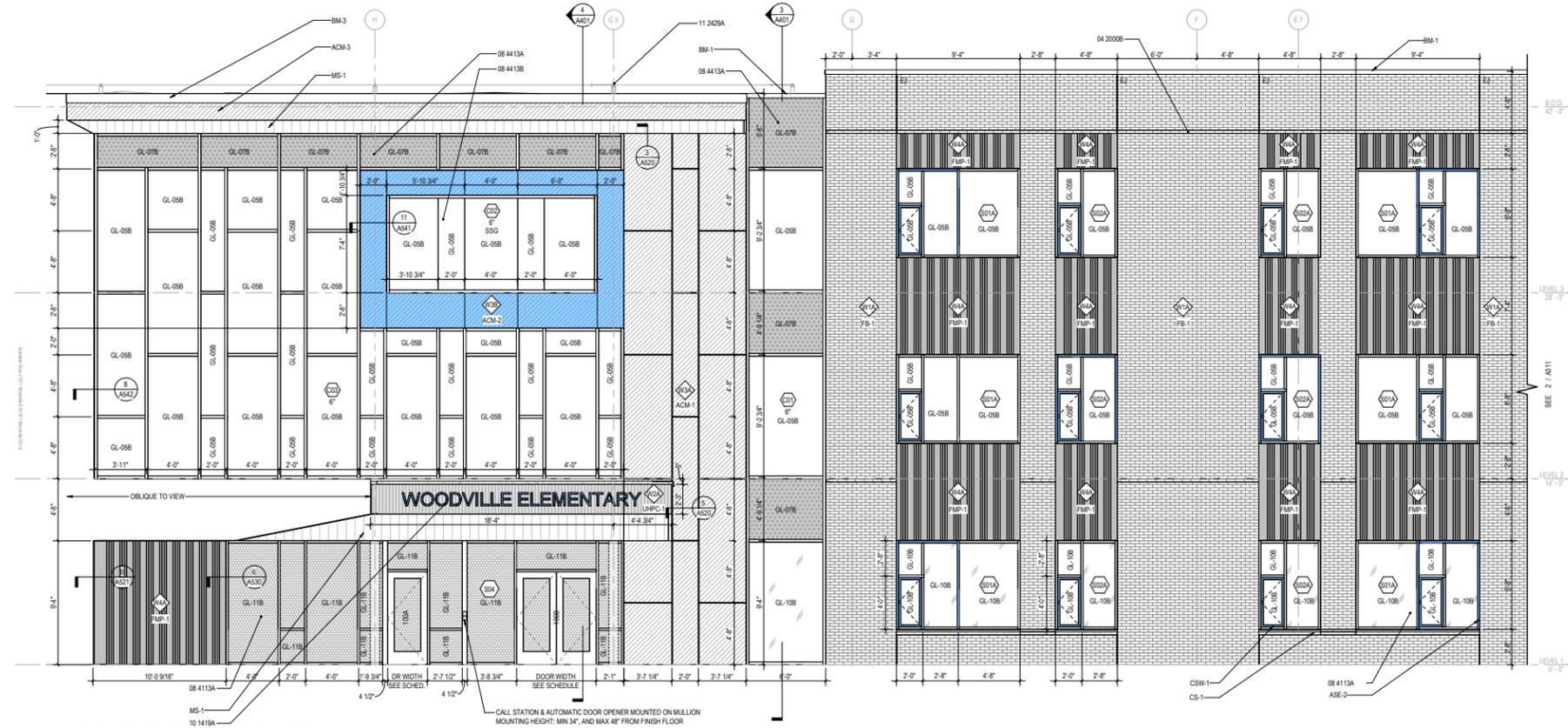
ADDITIVE BID #5 - SITE
 PAVILION - PLANS, RCP, &
 ELEVATIONS

A143-UDC

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2 ENLARGED BLDG ELEVATION - NORTH - ACADEMIC WING - UDC
1/4" = 1'-0"



1 ENLARGED BLDG ELEVATION - NORTH - ACADEMIC WING & ENTRY - UDC
1/4" = 1'-0"

ELEVATION / BUILDING SECTION GENERAL NOTES

- SEE SHEET A800 FOR EXTERIOR ENVELOPE TYPES
- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS WHETHER GALVANIZED OR NOT (STRUCTURAL AND DECORATIVE).
- ALL EXTERIOR HANDRAILS AND GUARDRAILS SHALL BE HOT DIPPED GALVANIZED AND RECEIVE HIGH PERFORMANCE COATING IN THE FIELD.
- INTERIOR VIEWS IN BUILDING SECTIONS ARE TYPICALLY SIMPLIFIED FOR CLARITY. REFER TO LARGER SCALED INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- FOOTINGS AND FOUNDATIONS ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK.
- REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- SEE G SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

STOREFRONT & CURTAINWALL GENERAL NOTES

- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- ALL EXTERIOR GLASS IS TYPE GL-05A U.L.O. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
- SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
- ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
- SEE SOPS FOR ROLLER SHADE SOPS.
- SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
- COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

- ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.L.O.
- ALL EXTERIOR GLAZING IS GL-05A U.L.O.
- AIR LEAKAGE CRITERIA:
 - 0.05 dm³/m² h (penetration framing and glazed areas)
 - 0.50 dm³/m² h (per door leaf)
- SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LITES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
- FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A800 FOR MORE INFORMATION

EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
W1A	UNIT MASONRY
W1B	UNIT MASONRY - SITE WALL
W2A	ULTRA HIGH PERFORMANCE CONCRETE
W3A	METAL COMPOSITE MATERIAL WALL PANEL - GRAY
W3B	METAL COMPOSITE MATERIAL WALL PANEL - BLUE
W4A	FORMED METAL WALL PANEL
EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK
EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

KEYNOTES	
NO.	DESCRIPTION
04 2000B	UNIT MASONRY - RECESSED COURSE
08 4113A	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 4413A	GLAZED ALUMINUM CURTAIN WALLS
08 4413B	GLAZED ALUMINUM CURTAIN WALLS - SSG VERTICALS
10 1419A	DIMENSIONAL LETTER SIGNAGE
11 2429A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 18" TALL ANCHORS, TYP.

BOD EXTERIOR MATERIALS SEE A800 FOR FULL SCHEDULE

FINISH	NO.	KEYNOTE	STYLE	COLOR	REMARKS	
EXTERIOR - GLAZING	GL-05A	08 8000A	SOLARBAN 70		CLEAR VISION	
	GL-05B	08 8000A	SOLARBAN 60		CLEAR VISION	
	GL-07B	08 8000A	SOLARBAN 60	WARM GRAY	SPANDREL, PRESS GLASS SX3324	
	GL-18A	08 8000A	SOLARBAN 70		CLEAR VISION, SECURITY LAMINATED	
	GL-18B	08 8000A	SOLARBAN 60		CLEAR VISION, SECURITY LAMINATED	
	GL-11B	08 8000A	SOLARBAN 60		CERAMIC FRIT, SECURITY LAMINATED	
	EXTERIOR - MASONRY	CS-1	04 7200A	MATCH FB-1		SEE A800 FOR CAST STONE TYPES
		CS-2	04 7200A	MATCH LHPC-1		SEE A800 FOR CAST STONE TYPES
		CS-3	04 7200B	MATCH LHPC-1		SEE A800 FOR CAST STONE TYPES
	EXTERIOR - METAL	ACM-1	07 4215A	PLUS - DRY REVEAL	CASTLE GRAY	
ACM-2		07 4215A	PLUS - DRY REVEAL	BOWTIE BLUE II	ACCENT BLUE	
ACM-3		07 4215A	PLUS - DRY REVEAL	GREYHOUND	DARK GRAY	
ACM-4		08 4413A	1600JT	CHARCOAL	CURTAINWALL. SEE ELEV. FOR SIZE	
ASE-1		08 4113A	ASUIT	CHARCOAL	STOREFRONT	
ASE-2		08 4113D	APPLIED COVER	CUSTOM - MATCH ACM-2	STOREFRONT	
BM-1		07 7100A	ACCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS CORNER	
BM-3		07 7100B	ACCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS GRAVEL STOP	
BM-4		07 7100C	ACCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS SCRAPERS	
CSW-1		08 4113C	AA425	CUSTOM - MATCH ACM-2	OPERABLE CASEMENT STOREFRONT WINDOW VERTICAL	
EXTERIOR - OTHER	FMP-1	07 4213A	MATRIX MIX-2	BLUE GRAY	STOREFRONT WINDOW	
	MS-1	09 5423A	METALWORKS LINEAR	EFFECTS MACADAMA		
	VSS-1	10 7113A	STANLEY SERIES - BOSTON	CUSTOM - MATCH ACM-2	3/8" THICK BENT PERFORATED PANEL	
LHPC-1	107 4247A	ITERO CAST	WH87			



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Richmond Public Schools

WOODVILLE ELEMENTARY SCHOOL

VMDO Project Number 1371

Checked By JPM
Drawn By SD



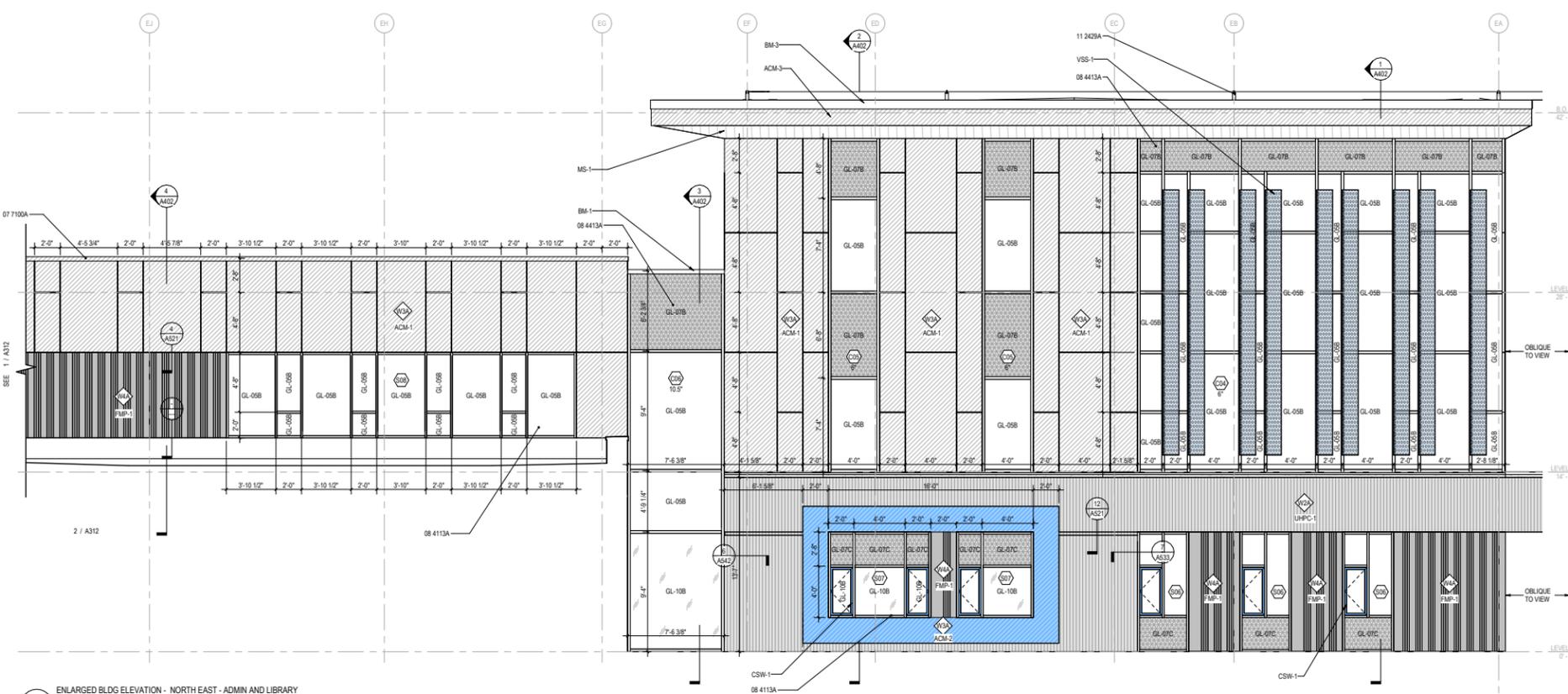
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NO. SUBMITTAL DATE

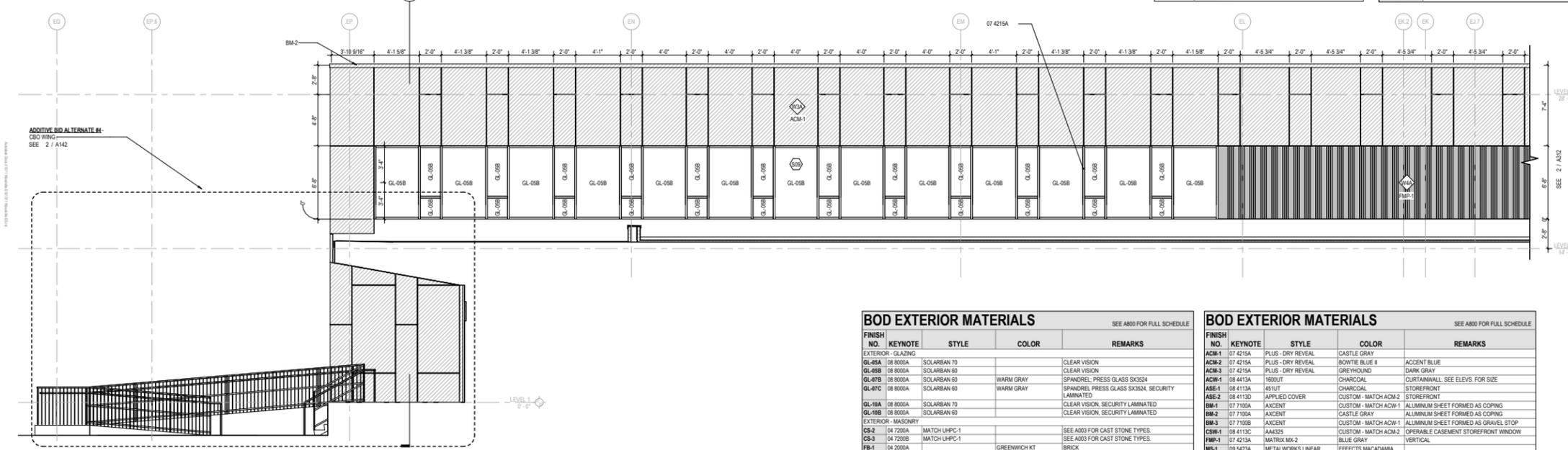
BUILDING ELEVATIONS - ENLARGED

A311-UDC

UDC FINAL REVIEW
04/17/2025



2 - ENLARGED BLDG ELEVATION - NORTH EAST - ADMIN AND LIBRARY
 1/100-UDC 1/8" = 1'-0"



1 - ENLARGED BLDG ELEVATION - NORTH EAST - GYM - UDC
 1/100-UDC 1/8" = 1'-0"

ELEVATION / BUILDING SECTION GENERAL NOTES

- SEE SHEET A800 FOR EXTERIOR ENVELOPE TYPES
- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS WHETHER GALVANIZED OR NOT (STRUCTURAL AND DECORATIVE).
- ALL EXTERIOR HANDRAILS AND GUARDRAILS SHALL BE HOT DIPPED GALVANIZED AND RECEIVE HIGH PERFORMANCE COATING IN THE FIELD.
- INTERIOR VIEWS IN BUILDING SECTIONS ARE TYPICALLY SIMPLIFIED FOR CLARITY. REFER TO LARGER SCALED INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- FOOTINGS AND FOUNDATIONS ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK.
- REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- SEE Q SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

STOREFRONT & CURTAINWALL GENERAL NOTES

- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SPIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- ALL EXTERIOR GLASS IS TYPE GL-05A U.O.N. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
- SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SPIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
- ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
- SEE SOPS FOR ROLLER SHADE SCOPE.
- SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
- COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

- ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.O.N.
- ALL EXTERIOR GLAZING IS GL-05A U.O.N.
- AIR LEAKAGE CRITERIA:
 - 0.05 cm³/m² ft. (penetration framing and glazed areas)
 - 0.50 cm³/m² ft. (per door head)
- SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LITES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
- FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A800 FOR MORE INFORMATION

EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
W1A	UNIT MASONRY
W1B	UNIT MASONRY - SITE WALL
W2A	ULTRA HIGH PERFORMANCE CONCRETE
W3A	METAL COMPOSITE MATERIAL WALL PANEL - GRAY
W3B	METAL COMPOSITE MATERIAL WALL PANEL - BLUE
W4A	FORMED METAL WALL PANEL
EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK
EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

KEYNOTES	
NO.	DESCRIPTION
07 4215A	METAL COMPOSITE MATERIAL WALL PANELS
07 7100A	ROOF SPECIALTIES - COPING
08 4113A	ALUMINUM FRAMES ENTRANCES AND STOREFRONTS
08 4413A	GLAZED ALUMINUM CURTAIN WALLS
11 2425A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 18" TALL ANCHORS, TYP.



Richmond Public Schools
 WOODVILLE ELEMENTARY SCHOOL

VMDO Project Number 1371

Checked By JPM
 Drawn By SD



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REVISIONS
 NO. SUBMITTAL DATE

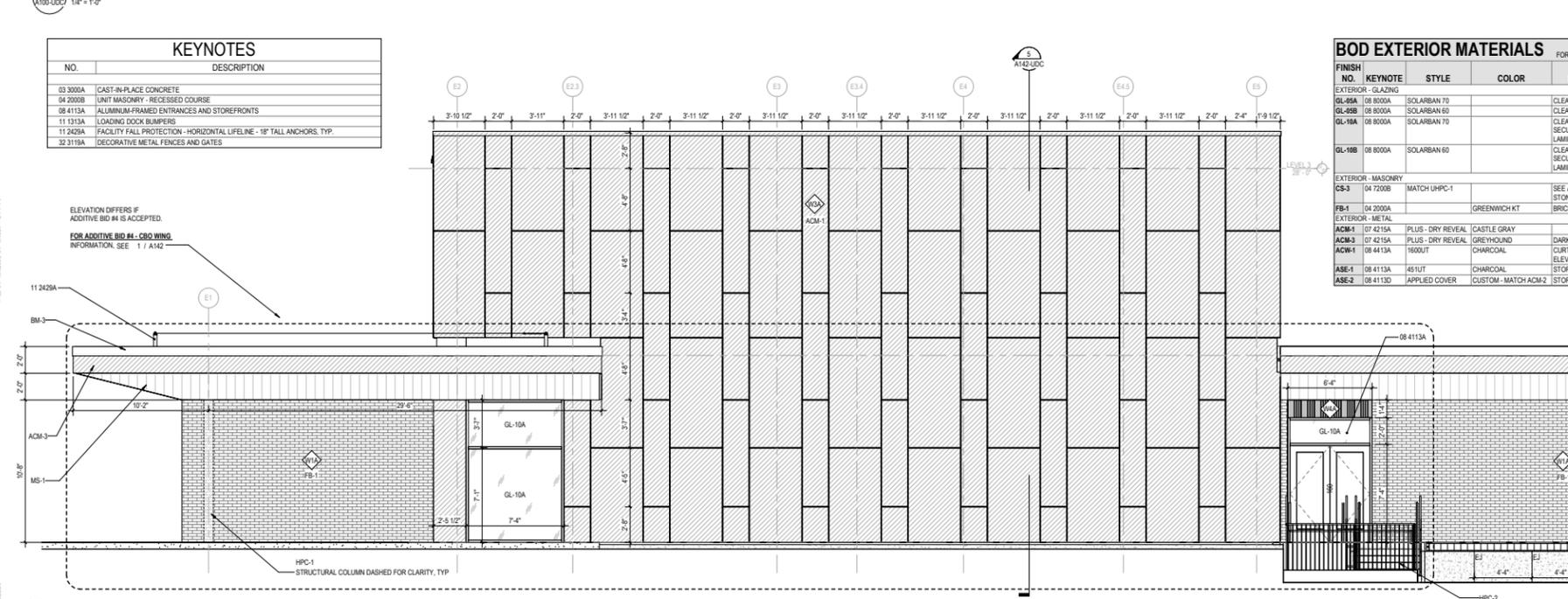
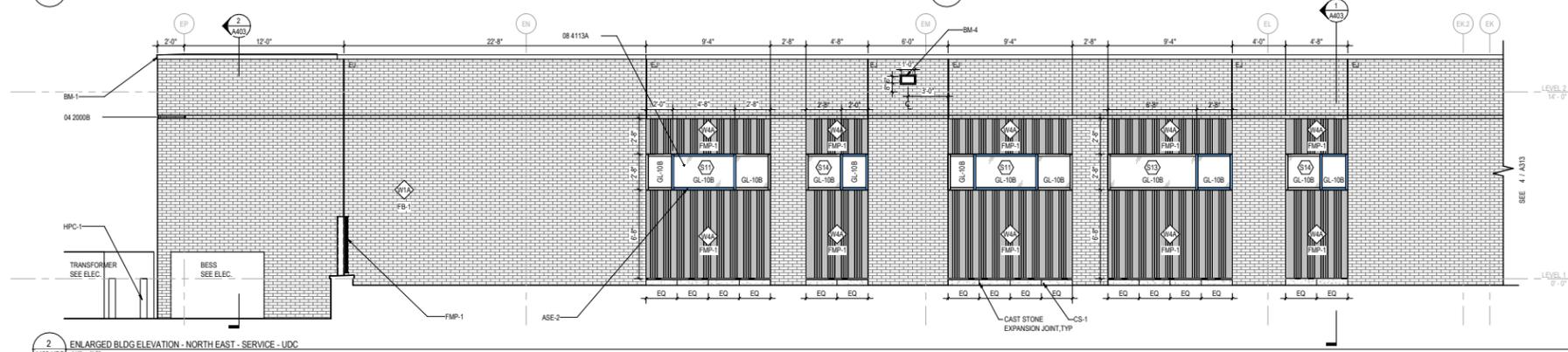
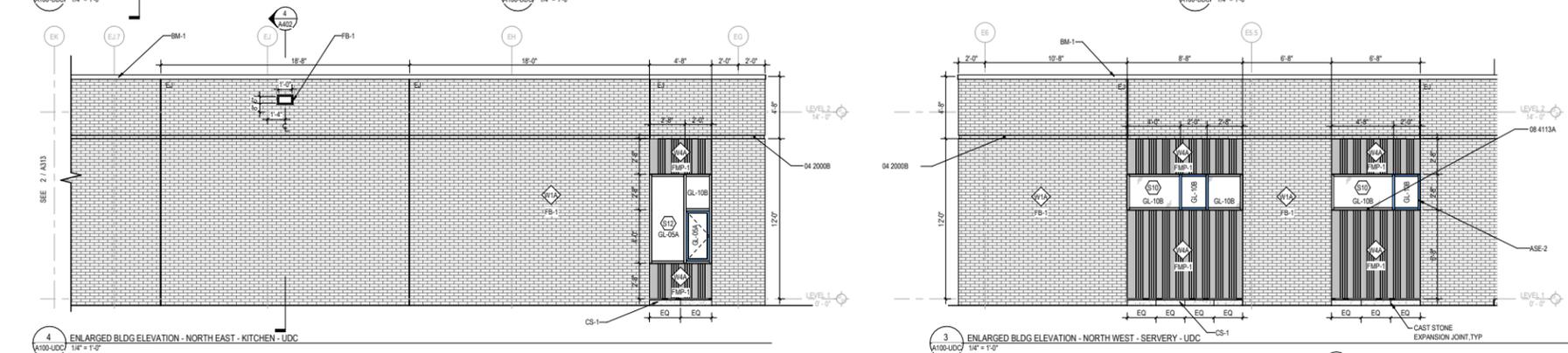
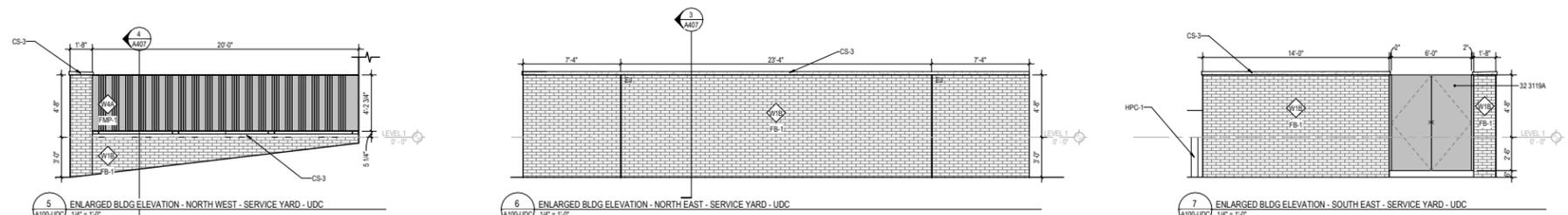
BOD EXTERIOR MATERIALS				
SEE A800 FOR FULL SCHEDULE				
FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - GLAZING				
GL-05A	08 8000A	SOLARBAN 70		CLEAR VISION
GL-05B	08 8000A	SOLARBAN 60		CLEAR VISION
GL-07B	08 8000A	SOLARBAN 60	WARM GRAY	SPANDREL, PRESS GLASS SX324
GL-07C	08 8000A	SOLARBAN 60	WARM GRAY	SPANDREL, PRESS GLASS SX324, SECURITY LAMINATED
GL-10A	08 8000A	SOLARBAN 70		CLEAR VISION, SECURITY LAMINATED
GL-10B	08 8000A	SOLARBAN 60		CLEAR VISION, SECURITY LAMINATED
EXTERIOR - MASONRY				
CS-2	04 7200A	MATCH UHPC-1		SEE A800 FOR CAST STONE TYPES.
CS-3	04 7200B	MATCH UHPC-1		SEE A800 FOR CAST STONE TYPES.
FB-1	04 2000A		GREENWICH KT	BRICK
EXTERIOR - METAL				

BOD EXTERIOR MATERIALS				
SEE A800 FOR FULL SCHEDULE				
FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - OTHER				
ACM-1	07 4215A	PLUS - DRY REVEAL	CASTLE GRAY	
ACM-2	07 4215A	PLUS - DRY REVEAL	BOWTIE BLUE II	ACCENT BLUE
ACM-3	07 4215A	PLUS - DRY REVEAL	GREYHOUND	DARK GRAY
ACM-4	08 4413A	1600JT	CHARCOAL	CURTAINWALL SEE ELEV. FOR SIZE
ASE-1	08 4113A	4510T	CHARCOAL	STOREFRONT
ASE-2	08 4113C	APPLIED COVER	CUSTOM - MATCH ACM-2	STOREFRONT
BM-1	07 7100A	ACCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS COPING
BM-2	07 7100A	ACCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS COPING
BM-3	07 7100B	ACCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS GROUND STOP
CSW-1	08 4113C	AA4325	CUSTOM - MATCH ACM-2	OPERABLE CASEMENT STOREFRONT WINDOW
FMP-1	07 4213A	MATRIX MK-2	BLUE GRAY	VERTICAL
MS-1	09 5423A	METALWORKS LINEAR	EFFECTS MACADAMIA	
VSS-1	12 7113A	STANLEY SERIES - BOSTON	CUSTOM - MATCH ACM-2	3/8" THICK BENT PERFORATED PANEL
EXTERIOR - OTHER				
UHPC-1	07 4247A	ITERO CAST	WH87	

BUILDING ELEVATIONS - ENLARGED

A312-UDC

UDC FINAL REVIEW
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KEYNOTES	
NO.	DESCRIPTION
03 300A	CAST-IN-PLACE CONCRETE
04 200B	UNIT MASONRY - RECESSED COURSE
08 413A	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
11 151A	LOADING DOCK BUMPERS
11 242A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 18" TALL ANCHORS, TYP.
33 319A	DECORATIVE METAL FENCES AND GATES

ELEVATION DIFFERS IF ADDITIVE BID #4 IS ACCEPTED.
FOR ADDITIVE BID #4 - CBD WIND INFORMATION, SEE 1 / A142

1 ENLARGED BLDG ELEVATION - SOUTH EAST - UDC
1/4" = 1'-0"

ELEVATION / BUILDING SECTION GENERAL NOTES

- SEE SHEET A803 FOR EXTERIOR ENVELOPE TYPES
- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
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- ALL EXTERIOR HANDRAILS AND GUARDRAILS SHALL BE HOT DIPPED GALVANIZED AND RECEIVE HIGH PERFORMANCE COATING IN THE FIELD.
- INTERIOR VIEWS IN BUILDING SECTIONS ARE TYPICALLY SIMPLIFIED FOR CLARITY. REFER TO LARGER SCALED INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- FOOTINGS AND FOUNDATIONS ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK.
- REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- SEE Q SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

STOREFRONT & CURTAINWALL GENERAL NOTES

- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- ALL EXTERIOR GLASS IS TYPE GL-55A U.L.O. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
- SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
- ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
- SEE SOPS FOR ROLLER SHADE SCOPE.
- SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
- COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

- ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.L.O.
- ALL EXTERIOR GLAZING IS GL-55A U.L.O.
- AIR LEAKAGE CRITERIA:
 - 1. 0.05 cfm/ft² (penetration framing and glazed areas)
 - 2. 0.50 cfm/ft² (per door leaf)
- SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LINES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
- FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A803 FOR MORE INFORMATION

EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
W1A	UNIT MASONRY
W1B	UNIT MASONRY - SITE WALL
W2A	ULTRA HIGH PERFORMANCE CONCRETE
W3A	METAL COMPOSITE MATERIAL WALL PANEL - GRAY
W3B	METAL COMPOSITE MATERIAL WALL PANEL - BLUE
W4A	FORMED METAL WALL PANEL

EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK

EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

BOD EXTERIOR MATERIALS

FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - GLAZING				
GL-55A	08 8000A	SOLARBAN 70		CLEAR VISION
GL-55B	08 8000A	SOLARBAN 50		CLEAR VISION
GL-10A	08 8000A	SOLARBAN 70		CLEAR VISION, SECURITY LAMINATED
GL-10B	08 8000A	SOLARBAN 50		CLEAR VISION, SECURITY LAMINATED
EXTERIOR - MASONRY				
CS-3	04 1200B	MATCH HPC-1		SEE A003 FOR CAST STONE TYPES.
FB-1	04 2000A		GREENWICH KT	BRICK
EXTERIOR - METAL				
ACM-1	07 4215A	PLUS - DRY REVEAL	CASTLE GRAY	
ACM-3	07 4215A	PLUS - DRY REVEAL	GREYHOUND	
ACW-1	08 4413A	16000T	CHARCOAL	CURTAINWALL. SEE ELEV. FOR SEE.
ASE-1	08 4113A	451UT	CHARCOAL	STOREFRONT
ASE-2	08 4113D	APPLIED COVER	CUSTOM - MATCH ACM-2	STOREFRONT

BOD EXTERIOR MATERIALS

FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - MASONRY				
BM-1	07 7100A	AXCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS COPING
BM-2	07 7100A	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS COPING
BM-3	07 7100B	AXCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS GRAVEL STOP
BM-4	07 7100C	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS SCUPERS
CSW-1	08 4113C	AA4325	CUSTOM - MATCH ACM-2	OPERABLE CASEMENT STOREFRONT WINDOW
FMP-1	07 4213A	MATRIX MX-2	BLUE GRAY	VERTICAL
MS-1	09 5423A	METALWORKS LINEAR		EFFECTS MACADAMIA
EXTERIOR - OTHER				
HPC-1	09 9600A		SW 7674 PEPPER CORN	COLUMNS, BOLLARDS & STEEL LINTELS @ BRICK



DRAWING NOT FOR CONSTRUCTION

REVISIONS
NO. SUBMITTAL DATE

BUILDING ELEVATIONS - ENLARGED

A313-UDC

UDC FINAL REVIEW
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Richmond Public Schools

WOODVILLE ELEMENTARY SCHOOL

VMDO Project Number 1371

Checked By JPM
Drawn By SD

**ELEVATION / BUILDING
SECTION GENERAL NOTES**

- SEE SHEET A803 FOR EXTERIOR ENVELOPE TYPES
- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
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- REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- SEE Q SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

**STOREFRONT & CURTAINWALL
GENERAL NOTES**

- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SPIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- ALL EXTERIOR GLASS IS TYPE GL-05A U.O.N. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
- SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SPIMS, SEALANT, ETC.
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- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
- SEE SOPS FOR ROLLER SHADE SOPS.
- SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
- COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

- ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.O.N.
- ALL EXTERIOR GLAZING IS GL-05A U.O.N.
- AIR LEAKAGE CRITERIA:
 - 1. 0.05 cm³/sq. ft. (per door leaf)
 - 2. 0.50 cm³/sq. ft. (per door leaf)
- SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LITES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
- FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A803 FOR MORE INFORMATION

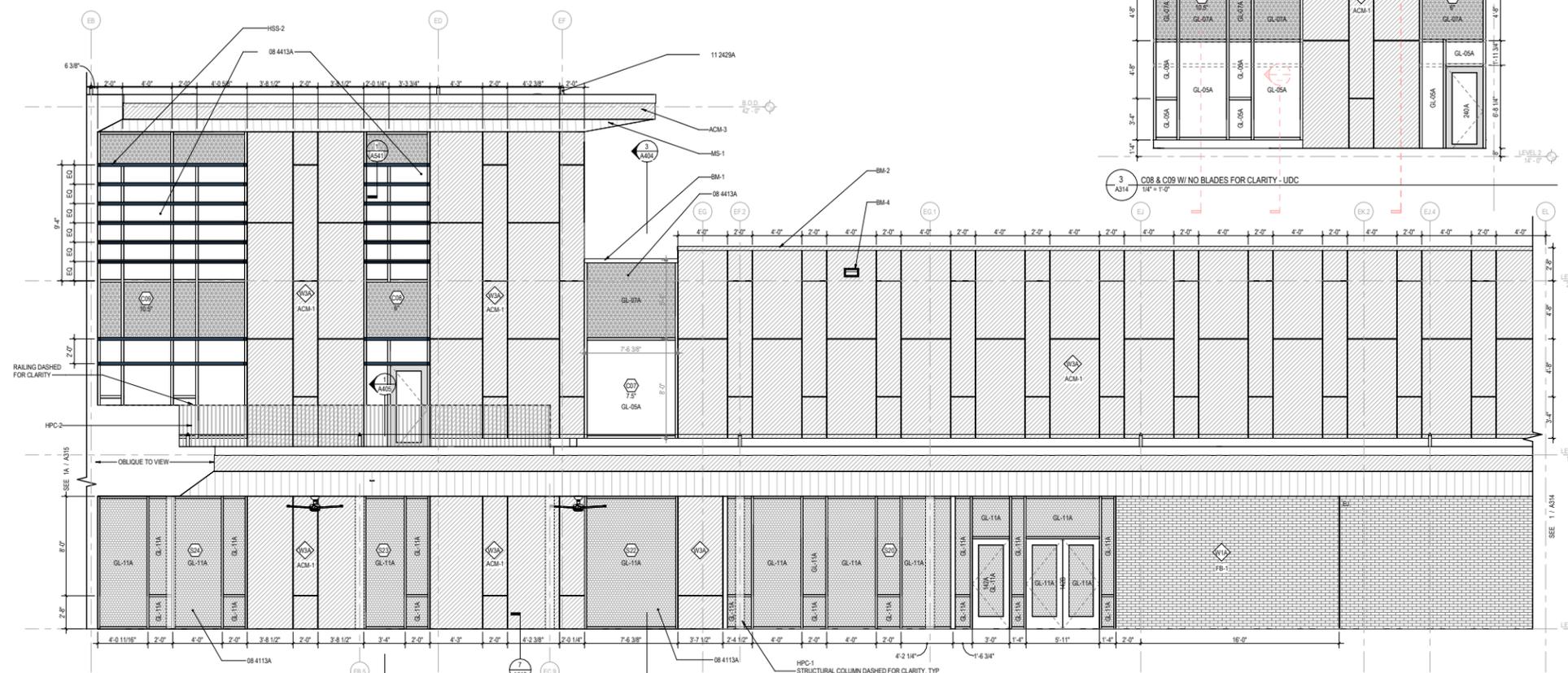
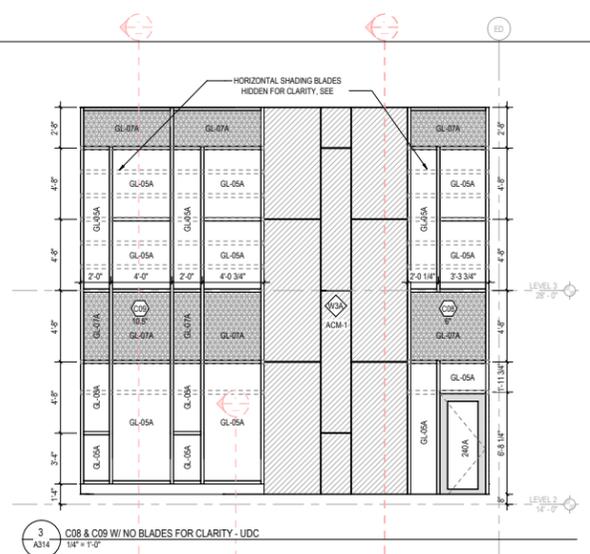
EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
W1A	UNIT MASONRY
W1B	UNIT MASONRY - SITE WALL
W2A	ULTRA HIGH PERFORMANCE CONCRETE
W3A	METAL COMPOSITE MATERIAL WALL PANEL - GRAY
W3B	METAL COMPOSITE MATERIAL WALL PANEL - BLUE
W4A	FORMED METAL WALL PANEL
EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK
EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

KEYNOTES

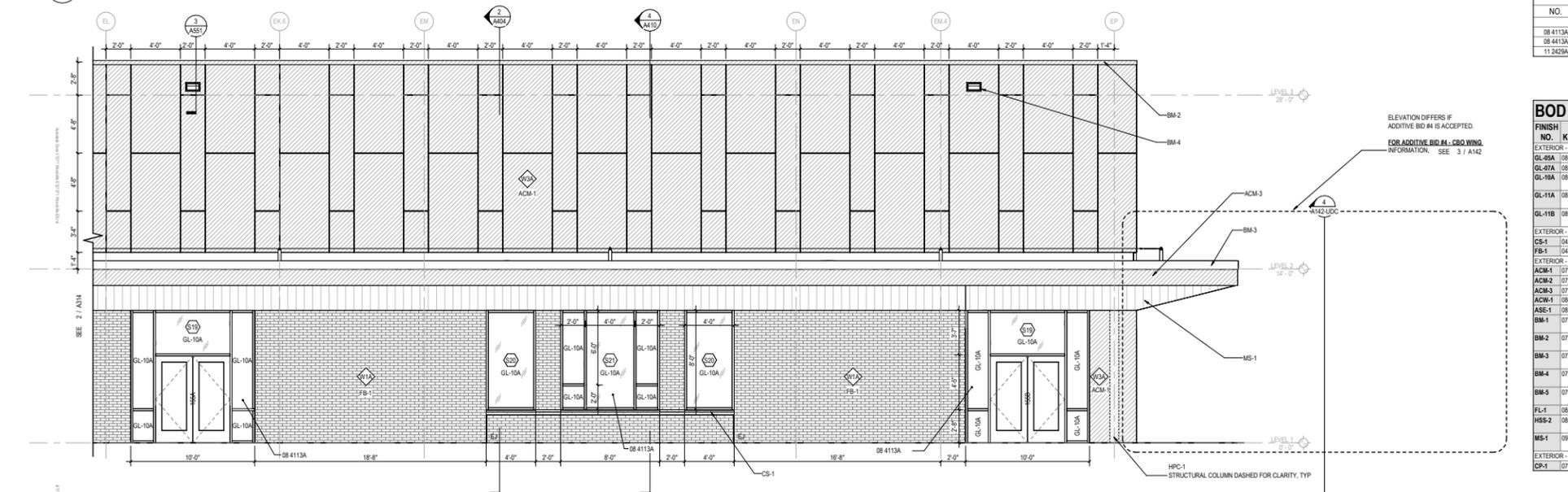
NO.	DESCRIPTION
08 4113A	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 4113A	GLAZED ALUMINUM CURTAIN WALLS
11 2429A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 18" TALL ANCHORS, TYP.

BOD EXTERIOR MATERIALS SEE A800 FOR FULL SCHEDULE

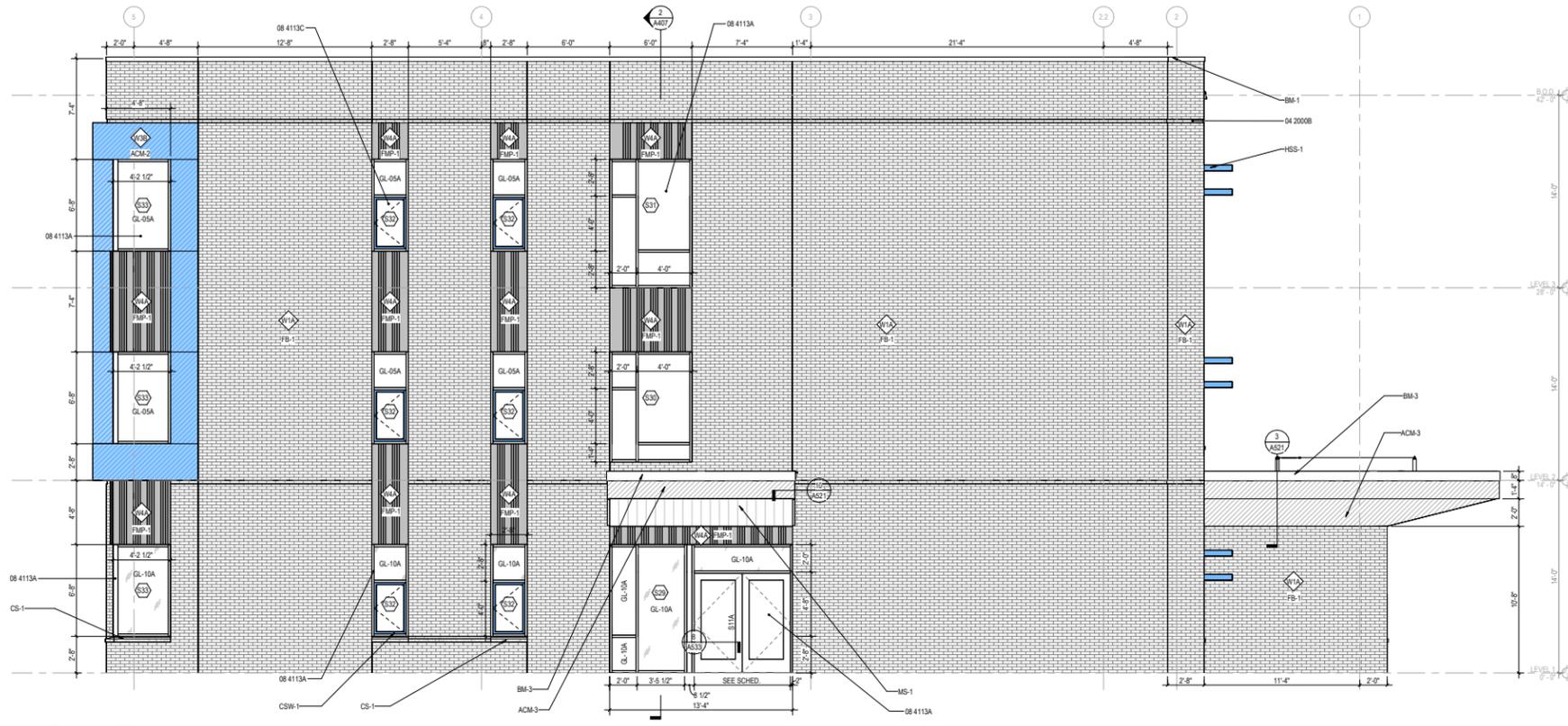
FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - GLAZING				
GL-05A	08 8000A	SOLARBAN 70		CLEAR VISION
GL-07A	08 8000A	SOLARBAN 70	WARM GRAY	SPANDREL, PRESS GLASS SX324
GL-10A	08 8000A	SOLARBAN 70		CLEAR VISION, SECURITY LAMINATED
GL-11A	08 8000A	SOLARBAN 70		CERAMIC FRIT, SECURITY LAMINATED
GL-11B	08 8000A	SOLARBAN 60		CERAMIC FRIT, SECURITY LAMINATED
EXTERIOR - MASONRY				
CS-1	04 7200A	MATCH FB-1		SEE A803 FOR CAST STONE TYPES.
FB-1	04 2500A		GREENWICH KT	BRICK
EXTERIOR - METAL				
ACM-1	07 4215A	PLUS - DRY REVEAL	CASTLE GRAY	ACCENT BLUE
ACM-2	07 4215A	PLUS - DRY REVEAL	BOWTIE BLUE II	DARK GRAY
ACM-3	07 4215A	PLUS - DRY REVEAL	GREYHOUND	CHARCOAL
ACM-4	08 4113A	1600UT		CURTAINWALL. SEE ELEVS. FOR SIZE
ASE-1	08 4113A	451UT		CHARCOAL
BM-1	07 7100A	AXCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS COPING
BM-2	07 7100A	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS COPING
BM-3	07 7100B	AXCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS GRAVEL STOP
BM-4	07 7100C	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS SCUPPERS
BM-5	07 4215A	AXCENT	CUSTOM - MATCH ACM-1	ALUMINUM SHEET FORMED AS COPING
FL-1	08 9119A	ESD-635	MATCH FMP-1	8" DRAINABLE LOUVER
HSS-2	08 4413C	VERSIDELER SINGLE BLADE	CUSTOM - MATCH ACM-2	SINGLE BLADE SYSTEM FOR CURTAINWALL
MS-1	09 5423A	METALWORKS LINEAR	EFFECTS MACADAMIA	
EXTERIOR - OTHER				
CP-1	07 7823A	ECOPREMER	HEP-10	CONCRETE PAVERS



2 ENLARGED BLDG ELEVATION - SOUTH EAST - GYM B - UDC
1/4" = 1'-0"



1 ENLARGED BLDG ELEVATION - SOUTH EAST - GYM A - UDC
1/4" = 1'-0"



2 ENLARGED BLDG ELEVATION - WEST-ACADEMIC WING - UDC
A100-UDC-A316-UDC-1'0"



1 ENLARGED BLDG ELEVATION - SOUTH - ACADEMIC WING B - UDC
A100-UDC-A316-UDC-1'0"

ELEVATION / BUILDING SECTION GENERAL NOTES

- SEE SHEET A800 FOR EXTERIOR ENVELOPE TYPES
- ON SYMMETRICAL DRAWINGS, ALL NOTES AND DIMENSIONS SHOWN ON ONE-HALF OF DRAWING SHALL APPLY TO BOTH HALVES OF DRAWINGS.
- PROVIDE HIGH PERFORMANCE COATINGS AT ALL EXTERIOR FERROUS METALS WHETHER GALVANIZED OR NOT (STRUCTURAL AND DECORATIVE).
- ALL EXTERIOR HANDRAILS AND GUARDRAILS SHALL BE HOT DIPPED GALVANIZED AND RECEIVE HIGH PERFORMANCE COATING IN THE FIELD.
- INTERIOR VIEWS IN BUILDING SECTIONS ARE TYPICALLY SIMPLIFIED FOR CLARITY. REFER TO LARGER SCALED INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- FOOTINGS AND FOUNDATIONS ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK.
- REFERENCE MEP & CIVIL DRAWINGS FOR FULL SCOPE OF M.E.P. AND CIVIL WORK.
- SEE Q SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

STOREFRONT & CURTAINWALL GENERAL NOTES

- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- ALL EXTERIOR GLASS IS TYPE GL-05A U.N.O. AND ALL INTERIOR GLASS IS TYPE XXX U.O.N.
- SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
- DIMENSIONS SHOWN ARE NOMINAL AND/OR ROUGH OPENINGS. CONTRACTOR TO ACCOUNT FOR JOINTS, SHIMS, SEALANT, ETC.
- CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
- COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
- CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
- ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
- SEE SOPS FOR ROLLER SHADE SCOPE.
- SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
- COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
- SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

- ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.N.O.
- ALL EXTERIOR GLAZING IS GL-05A U.N.O.
- AIR LEAKAGE CRITERIA:
 - 0.05 cm³/sq. ft. (per door leaf)
 - 0.50 cm³/sq. ft. (per door leaf)
- SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LINES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
- FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A800 FOR MORE INFORMATION

EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
W1A	UNIT MASONRY
W1B	UNIT MASONRY - SITE WALL
W2A	ULTRA HIGH PERFORMANCE CONCRETE
W3A	METAL COMPOSITE MATERIAL WALL PANEL - GRAY
W3B	METAL COMPOSITE MATERIAL WALL PANEL - BLUE
W4A	FORMED METAL WALL PANEL

EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK

EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

KEYNOTES

NO.	DESCRIPTION
04 2000B	UNIT MASONRY - RECESSED COURSE
08 4113A	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 4113C	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS - OPERABLE WINDOW
08 4413A	GLAZED ALUMINUM CURTAIN WALLS
11 2429A	FACILITY FALL PROTECTION - HORIZONTAL LIFELINE - 18" TALL ANCHORS, TYP.



Richmond Public Schools
WOODVILLE ELEMENTARY SCHOOL

VMDO Project Number 1371

Checked By JPM
Drawn By SD



DRAWING NOT FOR CONSTRUCTION

REVISIONS
NO. SUBMITTAL DATE

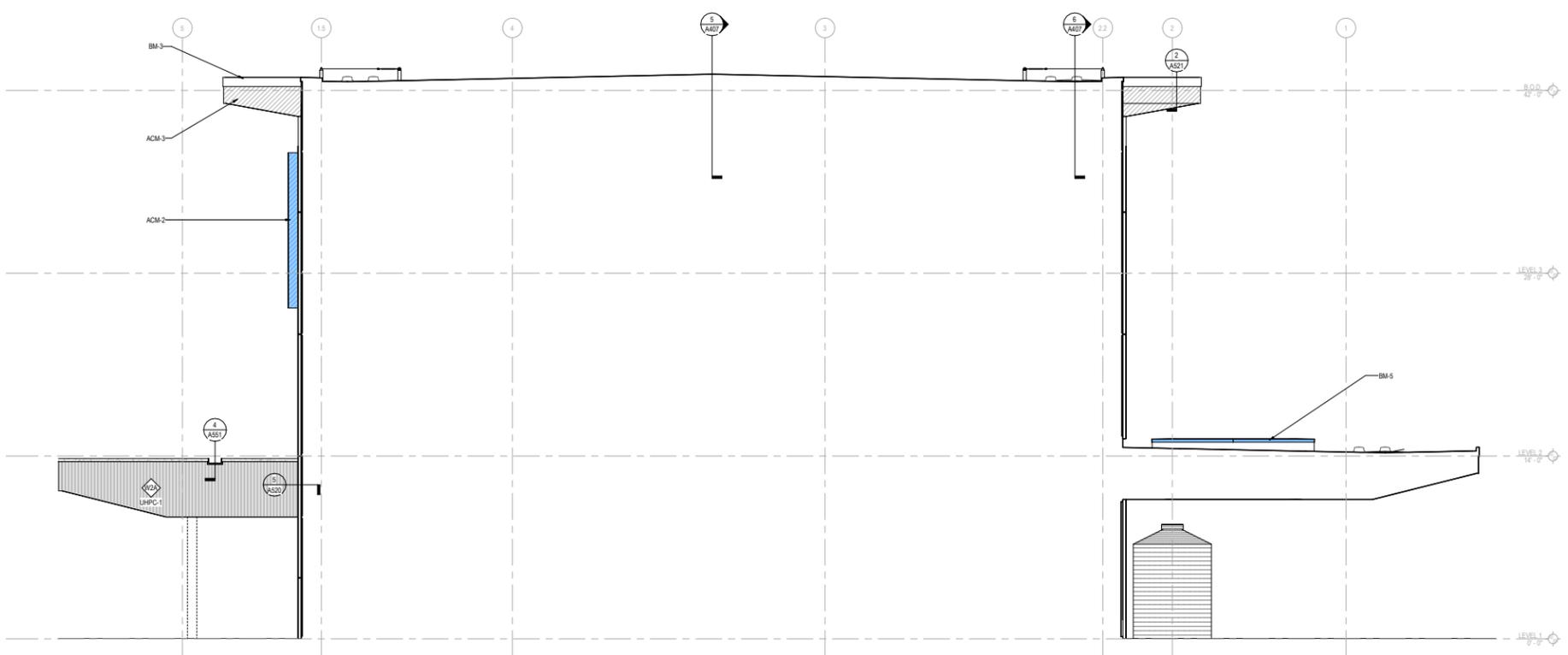
BUILDING ELEVATIONS - ENLARGED

A316-UDC

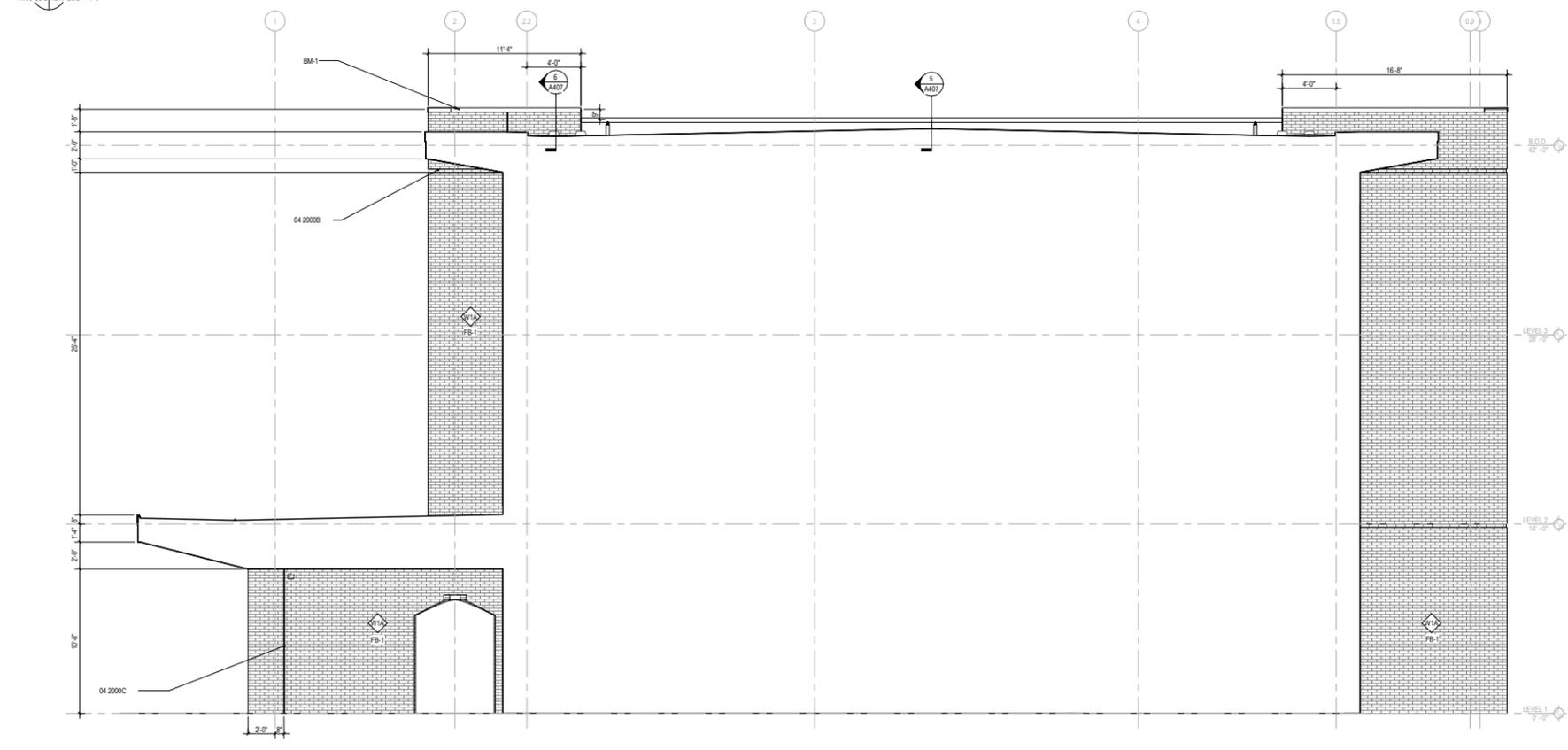
UDC FINAL REVIEW
04/17/2025

BOD EXTERIOR MATERIALS SEE A800 FOR FULL SCHEDULE

FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - GLAZING				
GL-05A	08 8000A	SOLARBAN 70		CLEAR VISION
GL-05B	08 8000A	SOLARBAN 60		CLEAR VISION
GL-07B	08 8000A	SOLARBAN 60	WARM GRAY	SPANDREL, PRESS GLASS SX3324
GL-10A	08 8000A	SOLARBAN 70		CLEAR VISION, SECURITY LAMINATED
GL-10B	08 8000A	SOLARBAN 60		CLEAR VISION, SECURITY LAMINATED
EXTERIOR - MASONRY				
CS-1	04 7200A	MATCH FB-1		SEE A800 FOR CAST STONE TYPES.
FB-1	04 2000A		GREENWICH KT	BRICK
EXTERIOR - METAL				
ACMA-2	07 4215A	PLUS - DRY REVEAL	BONTIE BLUE II	ACCENT BLUE
ACMA-3	07 4215A	PLUS - DRY REVEAL	GREYHOUND	DARK GRAY
ACW-1	08 4413A	1600UT	CHARCOAL	CURTAINWALL, SEE ELEV. FOR SIZE
ASE-1	08 4113A	451UT	CHARCOAL	STOREFRONT
ASE-2	08 4113B	APPLIED COVER	CUSTOM - MATCH ACMA-2	STOREFRONT
BM-1	07 7100A	AXCENT	CUSTOM - MATCH ACW-1	ALUMINUM SHEET FORMED AS COPING
BM-3	07 7100B	AXCENT	CUSTOM - MATCH ACW-1	ALUMINUM SHEET FORMED AS GRANITE SLOP
BM-4	07 7100C	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS SCUPPERS
CSW-1	08 4113C	AA432S	CUSTOM - MATCH ACMA-2	OPERABLE CASEMENT STOREFRONT WINDOW
FMP-1	07 4213A	MATRIX MIX-2	BLUE GRAY	VERTICAL
HSS-1	08 4113B	VERSOLEL OUTTRIGGER	CUSTOM - MATCH ACMA-2	OUTTRIGGER SYSTEM FOR STOREFRONT
HSS-3	08 4413F	VERSOLEL OUTTRIGGER	CUSTOM - MATCH ACMA-2	OUTTRIGGER SYSTEM FOR CURTAIN WALL
MS-1	09 5423A	METALWORKS LINEAR	EFFECT'S MACADAMIA	



2 ENLARGED BLDG ELEVATION - EAST, ACADEMIC WING 2 - UDC
A100-UDC/A317-UDC - 1/4"



1 ENLARGED BLDG ELEVATION - EAST, ACADEMIC WING - UDC
A100-UDC/A317-UDC - 1/4"

ELEVATION / BUILDING SECTION GENERAL NOTES

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8. SEE Q SERIES FOR INFORMATION ON RATED EXTERIOR WALLS

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3. CONTRACTOR RESPONSIBLE TO COORDINATE ALL ALUMINUM FRAMES WITH ALL RELEVANT DETAILS DEPICTED THROUGHOUT DRAWINGS.
4. COORDINATE ALL ALUMINUM FRAMES WITH SPECIFICATION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO PROVIDING ENGINEERING TO VERIFY REQUIRED WIND LOADING CRITERIA IS MET IN ALL CASES.
5. ALL EXTERIOR GLASS IS TYPE GL-55A U.N.O. AND ALL INTERIOR GLASS IS TYPE XXX U.N.O.
6. SEE SPECIFICATIONS FOR GLASS TYPE DESCRIPTIONS.
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10. CONTRACTOR RESPONSIBLE TO COORDINATE REQUIREMENTS FOR DEFLECTION HEADS AT STOREFRONT HEADS.
11. ALUMINUM FRAME DRAWINGS REPRESENT DESIGN INTENT. SHOP DRAWINGS ARE REQUIRED PRIOR TO FABRICATION.
12. SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.
13. SEE SOPS FOR ROLLER SHAPE SCOPE.
14. SOME FRAME TYPES ARE REPEATED AS SIMILAR OR OPPOSITE. SEE ELEVATIONS FOR QUANTITIES, LOCATIONS, AND INSTALLATION.
15. COORDINATE ALL HARDWARE WITH DOOR SCHEDULE AND SPECIFICATIONS.
16. SEE DOOR SCHEDULE FOR TYPICAL DOOR TYPES, WHICH INCLUDE ALUMINUM DOORS INSTALLED IN ALUMINUM FRAMES.

GLAZING NOTES & TYPES

1. ALL GLAZING ON THIS PROJECT TO BE TEMPERED, U.N.O.
2. ALL EXTERIOR GLAZING IS GL-55A U.N.O.
3. AIR LEAKAGE CRITERIA:
 1. 0.05 cfm/ft. (per door head)
 2. 0.50 cfm/ft. (per door leaf)
4. SECURITY LAMINATED GLASS REQUIRED AT ALL EXTERIOR GROUND LEVEL LITES UP TO A HEIGHT OF AT LEAST 8 FT., OR FIRST HORIZONTAL MULLION ABOVE 8 FT. SEE GLAZING SPECIFICATION.
5. FRAMES WITH 'C' PREFIX = CURTAINWALL AND 'S' PREFIX = STOREFRONT

EXTERIOR ASSEMBLY TYPES

REFERENCE A803 FOR MORE INFORMATION

EXTERIOR WALL TYPES	
TYPE	DESCRIPTION
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W2A	ULTRA HIGH PERFORMANCE CONCRETE
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W4A	FORMED METAL WALL PANEL
EXTERIOR ROOF TYPES	
TYPE	DESCRIPTION
R1A	TPO MEMBRANE ON 1 1/2" METAL DECK
R1B	TPO MEMBRANE ON 3" ACOUSTIC METAL DECK
EXTERIOR SOFFIT TYPES	
TYPE	DESCRIPTION
S1A	METAL PANEL - INSULATED

KEYNOTES	
NO.	DESCRIPTION
04 2008B	UNIT MASONRY - RECESSED COURSE
04 2008C	UNIT MASONRY - EXPANSION JOINT



Richmond Public Schools
WOODVILLE ELEMENTARY SCHOOL

VMDO Project Number **1371**

Checked By _____
Drawn By _____

Checker
Author



DRAWING NOT FOR CONSTRUCTION

REVISIONS
NO. SUBMITTAL DATE

BOD EXTERIOR MATERIALS SEE A800 FOR FULL SCHEDULE

FINISH NO.	KEYNOTE	STYLE	COLOR	REMARKS
EXTERIOR - GLAZING				
GL-55A	08 8000A	SOLARBAN 70		CLEAR VISION
GL-55B	08 8000A	SOLARBAN 60		CLEAR VISION
GL-47A	08 8000A	SOLARBAN 70	WARM GRAY	SPANDREL, PRESS GLASS SX3324
GL-47B	08 8000A	SOLARBAN 60	WARM GRAY	SPANDREL, PRESS GLASS SX3324
GL-11B	08 8000A	SOLARBAN 60		CLEAR VISION, SECURITY LAMINATED
GL-11A	08 8000A	SOLARBAN 70		CERAMIC FRIT, SECURITY LAMINATED
GL-11B	08 8000A	SOLARBAN 60		CERAMIC FRIT, SECURITY LAMINATED
EXTERIOR - MASONRY				
CS-1	04 2200B	MATCH LUPC-1		SEE A803 FOR CAST STONE TYPES.
FB-1	04 2000A	GREENWICH KT		BRICK
EXTERIOR - METAL				
ACM-1	07 4215A	PLUS- DRY REVEAL	CASTLE GRAY	
ACM-2	07 4215A	PLUS- DRY REVEAL	BOWTIE BLUE II	ACCENT BLUE
ACM-3	07 4215A	PLUS- DRY REVEAL	GREYHOUND	DARK GRAY
ACW-1	08 4413A	1600UT	CHARCOAL	CURTAINWALL, SEE ELEVS. FOR SIZE
ASE-1	08 4113A	451UT	CHARCOAL	STOREFRONT
BM-1	07 7100A	AXCENT	CUSTOM - MATCH ACW-1	ALUMINUM SHEET FORMED AS COPING
BM-3	07 7100B	AXCENT	CUSTOM - MATCH ACW-1	ALUMINUM SHEET FORMED AS GRAVEL STOP
BM-4	07 7100C	AXCENT	CASTLE GRAY	ALUMINUM SHEET FORMED AS SCUPPERS
BM-5	07 4215A	AXCENT	CUSTOM - MATCH ACM-2	ALUMINUM SHEET FORMED AS COPING
MS-1	05 5423A	METALWORKS LINEAR	EFFECTS MACADAMIA	
EXTERIOR - OTHER				
LUPC-1	07 4247A	ITERO CAST	WH87	

BUILDING ELEVATIONS - ENLARGED

A317-UDC

UDC FINAL REVIEW
04/17/2025

