ACKNOWLEDGMENTS

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THANK YOU
This report is the result of a collaborative effort on the part of the Department of General Services (DGS), Department of Aging and Community Living (DACL), District of Columbia Public Schools (DCPS), the Ward 8 Senior Wellness Center Advisory Team, our many listening session participants, Salvi Associates, and Perkins Eastman DC. We thank all involved for their ideas, time, expertise, and passion.

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PUBLICATION DATE
September 1, 2022

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0. PROJECT OVERVIEW
PROJECT OVERVIEW

Project Scope

In FY18, Mayor Bowser announced a $11.4 million investment in a new senior wellness center (SWC) in Ward 8 near Anacostia. Due to the public health emergency (pandemic) the project went on hold until 2020 and is slated for completion in Q4 2024. In FY22, DGS awarded the Architect/Engineer (A/E) contract to Perkins Eastman DC (PEDC) with Salvi Associates, LLC as the associate architect.

The proposed SWC is an L-shaped building with a two-story wing running east-west and a one-story wing running north-south. The building creates a south-facing courtyard that will receive sunlight from the south, shade from the west, and block cold winter winds. The building steps down from three-story KMS to 18th Street SE where it faces smaller scale residential row houses. Key drivers for siting the building include passive sustainability strategies, the building’s relationship to KMS, the frontage on 18th Street SE, and the preservation and celebration of the heritage tree on Q Street SE. This project will achieve LEED Gold Certification.

In addition to the building, the project includes site enhancements. The middle school portion of the site will receive 45 new parking spaces, two basketball courts, and a large, grass play area. The SWC portion of the site will also receive 45 parking spaces and landscaped courtyards. The overall site will have new stormwater management facilities and perimeter fencing intended to be secure yet welcoming.

Project Program

The Ward 8 Senior Wellness Center is a center for all eight wards. It will be nutrition-focused with an emphasis on connection to the outdoors. This facility will include program found at other SWC throughout the city including a secure and welcoming entry experience, a multipurpose room, a fitness center and associated locker rooms, and flexible spaces that can be used for meetings, games, and crafting.

In addition, new program elements will be included in this senior wellness center. The Ward 8 SWC will have a commercial kitchen where daily lunches can be prepared on-site. Hydroponic and raised gardens directly outside of the kitchen support the lunch/nutrition programs. The center will include an open lounge area and roof terrace where seniors can gather and relax in a communal environment. Finally, the key exterior feature will be the minor and major courtyard spaces. The minor courtyard, located directly adjacent to the multipurpose room, will be used for recreation and relaxation. The major courtyard, located adjacent to the garden area, is available for additional fitness activities, outdoor dining, and general connection to landscaped elements, including trees.

Goals

The programmatic goal for this project is to create a building and programming that emphasizes nutrition and connection to the outdoors. The building aims to relate to the scale, massing, and materiality of Kramer Middle School and the adjacent Fairlawn homes, while remaining distinct and modern. The goal for the site is to provide enhancements that support safety and security, accessibility, recreation, and a landscape that is a refuge and learning tools for all site occupants.

Design principles include:

- Multigenerational Approach
- Senior Wellness Center for All 8 Wards
- Nutrition-Focused
- Seamless Indoor-Outdoor Connection
- Community Context
- Passively Sustainable
DESCRIPTION OF PROJECT AREA

The site is in southeast Washington, DC, nestled between Fairlawn Avenue on the north, Q Street SE on the south, 18th Street SE on the east and 17th Street SE on the west. The surrounding neighborhood consists of row houses and several apartment buildings. The site’s low point is to the north and it traps noise from the adjacent Kenilworth Ave Freeway/I-295. The Anacostia River and Anacostia Recreation Center are within walking distance from the proposed site. The proposed Ward 8 Senior Wellness Center will share the site of the existing Kramer Middle School.

Most of the existing site is covered with a deteriorating asphalt paving - a surface parking lot and an outline for three basketball courts serving the Kramer Middle School.

The proposed Senior Wellness Center will be located on the east side of the property with a parking area to the north and garden courtyard area to the south. The Senior Wellness Center’s porous perimeter will create a dialogue between the architecture and the landscape while providing close interaction with nature to create an area of respite for seniors.

One of the key features of the Senior Wellness Center will be the integrated hydroponic gardens. The seniors will be introduced to this gardening technique and will have the opportunity to learn how to incorporate healthy eating habitats into their daily diet. The Ward 8 Senior Wellness Center will provide opportunities for food demonstration, food preparation and allow for spontaneous social interaction within the garden style Senior Wellness Center.

A large heritage oak tree on Q Street will be carefully protected and preserved during construction. It will become a symbolic threshold of evolution and inevitable change over time.

Perkins Eastman DC & Salvi Associates LLC
CONSTRUCTION SCHEDULE & COST ESTIMATE

CONSTRUCTION SCHEDULE
Project is scheduled to be completed Q4 of 2024

COST ESTIMATE
The Department of General Services (DGS) has budgeted $11.4M for this project
1. Outreach & Coordination
PUBLIC ENGAGEMENT & JURISDICTION COORDINATION

PUBLIC ENGAGEMENT

Project engagement – at a variety of scales – has been critical to the development of this project. Since the proposed building will be collocated with Kramer Middle School, the project team solicited early feedback from Principal Katreena Shelby. She provided key information about school operations and needs that helped the team finalize the building location and site amenities.

DACL, DGS, Perkins Eastman DC and Salvi Associates conducted five (5) Community Listening Sessions. These sessions were conducted in a hybrid fashion (in-person and online) on the following dates and in the following locations:

1. May 18, 2022  –  Congress Heights Senior Wellness Center
2. May 23, 2022  –  Hayes Senior Wellness Center
3. June 2, 2022  –  Kramer Middle School
4. June 6, 2022  –  Washington Senior Wellness Center
5. June 9, 2022  –  Ft Stanton DPR Recreation Center

The Community Listening Session discussions were centered around three (3) key themes including Growth, Energy, and Connection. Participants requested the elements listed below be incorporated into the design and programming of the proposed senior wellness center.

Growth:
- Outdoor
  - Raised gardens
  - Hydroponic gardens
  - Fountain
  - Outdoor seating and games
    (e.g. shuffleboard, bocce)
  - Rooftop garden & patio
- Indoor
  - Salad bar
  - Stage (performing arts, presentations)

Energy:
- Outdoor:
  - Walking trail
  - Outdoor fitness stations
- Indoor:
  - Class space + fitness equipment
  - Pool for water aerobics ($300,000)
- Sustainability:
  - Air quality
  - Sanitation
  - Clean water
  - Dedicated transportation for field trips

Connection:
- Security cameras
- Security guard
- Counselor
- Nutritionist
- Center website
- Building wifi

Other Program Elements:
- Temperature check
- Defibrillator
- Ramp (156’ of ramp + 6 landings)
- Shallower stair risers
- 2 elevators
- 1+ accessible restroom (1 stall per group toilet, 1 inclusive per floor)
- More accessible parking than code minimum
  (3 req’d; 4 provided)
- Intercom/speaker system
- More acoustic separation between rooms

JURISDICTION COORDINATION

The project team has engaged with the following agencies during the design phases of the project:

Commission of Fine Arts, State Historic Preservation Office
1. March 4, 2022  –  Staff-Level Meeting
2. July 7, 2022  –  Concept Design Submission
3. July 21, 2022  –  CFA Hearing; Concept Design denied approval
4. August 23, 2022  –  Staff-Level Meeting
5. September 1, 2022  –  Concept Design Re-Submission

DC Water
1. May 17, 2022
2. August 12, 2022

National Capital Planning Commission
1. May 31, 2022  –  Staff-Level Meeting
2. August 25, 2022  –  Staff-Level Meeting
3. September 1, 2022  –  Preliminary Review Submission

After the Community Listening Sessions were completed, DACL worked with the senior community to establish an Advisory Team. This team is responsible for reviewing design development, providing feedback, and informing other project stakeholders about the project progress. To date, virtual meetings have occurred on the following dates:

2. DETAILED PROJECT INFORMATION & DRAWINGS
Sites in Ward Eight
A project funded by the DC Historic Preservation Office and developed and designed by Cultural Tourism DC, this heritage trail project introduces over two hundred African American historic and cultural sites in Washington. Several sites in Ward Eight are marked with signs.
SITE HISTORY

Map of Cultural and Heritage Resources

Map Key
- Historic Landmarks:
  1. Anacostia Historic District
  2. Boundary Stones
  3. Congress Heights Firehouse
  4. Civil War Fort Sites
  5. Frederick Douglass National Historic Site
  6. St. Elizabeths Hospital Historic District
  7. Saitland Parkway
- Churches:
  8. Allen Chapel AME Church
  9. Bethlehem Baptist Church
  10. Campbell AME Church
  11. Church of the Assumption
  12. Church of the Holy Communion
  13. Garden Memorial Presbyterian Church
  14. Guiding Light Church (Old Matthews Memorial Church)
  15. Macedonia Baptist Church
  16. Matthews Memorial Baptist Church
  17. St. Teresa of Avila Catholic Church
  18. Washington Highlands Synagogue
  19. Righteous Branch Commandment Church
- Parks and Places of Recreation:
  26. 100 Block of Xenia Street
  27. Anacostia Park
  28. Barry Farm Recreation Center
  29. Carver Theater
  30. Oxon Run
- Places of Commerce:
  31. Anderson Tire Manufacturing Company/ Carroll Laundry
  32. The Big Chair
  33. Liff's Market Building
  34. Loeffer's Hotel / The Myrtle
  35. Schmid House
  (Columbian Iron Works)
- Government Buildings:
  36. 11th Street Precinct Building
  37. DC Water and Sewer Authority (DC Water)
  38. Poplar Point Pump Station
- Communities:
  39. Anacostia Historic District Expansion
  40. Apartment Complexes - Halley House
  41. Evans Road
  42. Farm Houses
- Other:
  43. Barry Farm Dwellings Street Names
  44. Call Boxes

Office of Planning – June 14, 2018
Government of the District of Columbia

This map was created for planning purposes from a variety of sources. It is neither a survey nor a legal document. Information provided by other agencies should be verified with them where appropriate.

SITE ANALYSIS
- Near to cultural heart
- Near to Anacostia Waterfront Park
- Near to bridge crossing
REGIONAL AND NEIGHBORHOOD CONTEXT
REGIONAL AND NEIGHBORHOOD CONTEXT
SITE CONSIDERATIONS

TOPOGRAPHY

Existing Section
PRECEDENT IMAGES
LANDSCAPE AND STREETSCAPE

The existing north portion of the site is surrounded by 8’ high metal fencing and consists of a large asphalt parking area, open lawn and approx. 3 trees under 4” diameter. The south portion of the site is surrounded by 4’ high metal fence and consists of open lawn, one heritage oak tree and approx. 15 trees under 8” diameter.

The proposed plan includes two parking areas (one for the Kramer Middle School and one for the Senior Wellness Center). There will be two fully fenced-in basketball courts and an outdoor classroom for the Kramer Middle School students.

The Senior Wellness Center includes internal courtyard garden with a fountain, hydroponic towers, raised garden beds, layered edible planting, bioretention, flexible open space and outdoor seating. A winding path connects Senior Wellness courtyard garden with the existing heritage tree, located at the upper-level south portion of the site, along Q Street, SE. This path creates opportunities for exercise and close interaction with nature with several seating opportunities for respite and garden immersion.

A proposed planting buffer along Fairlawn Ave will help mitigate the noise and dust pollution from the adjacent Kenilworth Ave Freeway/1-295. The layered native plants will support biodiversity and will provide habitat for local wildlife. Three bioretention areas will collect the stormwater run-off from the adjacent parking lot, building roof and lawn area.
PROPOSED SITE
ANALYSIS DIAGRAM

OUTDOOR CLASSROOM

PLAYING FIELD

BASKETBALL COURTS

B O R E T T ON AREA

B O R E T T ON AREA

WELLNESS CENTER DROP OFF

WELLNESS CENTER
HYDROPONIC GARDEN & RAISED GARDEN BEDS

B O R E T T ON AREA

COMMUNITY ART

Perkins Eastman DC & Salvi Associates LLC
The site has two types of perimeter fence – a tall 8’ high fence and a short, 4’ high fence. The proposed plans will keep portions of the 8’ tall high fence along P Street SE, the north property line and around the Kramer School parking lot on the west side at 17th Street SE. The rest of the perimeter fence is a short 4’ tall fence that wraps around Kramer Middle School and the southeast corner of the proposed Senior Wellness Center – refer to fence diagram.

Low fence will be added between the proposed Senior Wellness Center and existing Kramer Middle School to delineate the uses of both and for the security of both sites. Proper gates will be added for access to both Kramer Middle School and the Senior Wellness Center. The building entrances to the Senior Wellness Center will be secured.

**FENCE HEIGHT KEY**

- **EXISTING FENCE TO REMAIN**
- **PROPOSED TALL FENCE**
- **PROPOSED BASKETBALL FENCE**
- **PROPOSED SHORT FENCE**
- **GATE**

**FENCE HEIGHT KEY**

- **4’-0” FENCE**
- **8’-0” FENCE**
- **GATE**
PROPOSED SIGNAGE

PRECEDENT IMAGE
PROPOSED SIGNAGE

MONUMENT SIGN REPLACEMENT FOR KRAMER

REPLACE EXISTING WITH NEW MONUMENT SIGN

MONUMENT SIGN PRECEDENT
PROGRAM DIAGRAM

THE FAMILY ROOM

THE READING ROOM

THE TERRACE

SECOND FLOOR

18TH ST SE

N

Perkins Eastman DC & Salvi Associates LLC
MATERIAL SELECTION - NORTH AND EAST BUILDING ELEVATIONS
MATERIAL SELECTION - SOUTH AND WEST BUILDING ELEVATIONS
Ward 8 Senior Wellness Center

OUTDOOR PROGRAM DIAGRAMS

SEATING
- 1 Person
Number of People: 32

GARDENING ACTIVITIES
- 1 Person
Number of People: 26

POTENTIAL GARDEN EXPANSION
- 1 Person
1 Raised Garden Bed
Number of People: 24

Perkins Eastman DC & Salvi Associates LLC
OUTDOOR PROGRAM DIAGRAMS

CORN HOLE GAMES
- 1 Person
- Corn Hole Area (~10' x 25')
- Number of People: 20

OUTDOOR EXERCISE
- 1 Person
- Shaded Flat Area
- Number of People: 20

BOCCE GAMES
- 1 Person
- Bocce Area (~13' x 60', not regulation)
- Number of People: 18
WALKING PATHS

FIGURE 8 LAWN LOOP

MEDIUM LOOP AND OFF SITE LOOP

LONG LOOP

Perkins Eastman DC & Salvi Associates LLC
MULTIPURPOSE PROGRAM

PRIMARY DINING: SEATS 72 PEOPLE

PERFORMANCE E/W: SEATS 90 PEOPLE

PERFORMANCE N/S: SEATS 100 PEOPLE
Zoning Report for 1700 Q ST SE WASHINGTON DC 20020

Zoning Data Summary

Premises Address
1700 Q ST SE WASHINGTON DC 20020

Square/Suffix/Lot
5568  0801

Zoning District
R-3

PUDs
None

Ward
Ward 8

Council Member
Troyon White, Sr.

ANC Chairperson
Jamila White

Commissioner
Holly Muhammad

For a detailed explanation of zoning related items, please refer to the DC Zoning Map glossary.

*To the extent an active PUD exists on a particular site, the PUD zoning depicts the zoning in effect for that site.

While DCOZ is committed to providing accurate and timely zoning information via the zoning map, DCOZ cannot guarantee the quality, content, accuracy, or completeness of the information, text, graphics, links, and other items contained therein. All data visualizations on the zoning map should be considered approximate. Information provided in the zoning map should not be used as a substitute for legal, accounting, real estate, business, tax, or other professional advice. DCOZ assumes no liability for any errors, omissions, or inaccuracies in the information provided regardless of the cause of such or for any decision made, action taken, or action not taken by the user in reliance upon any maps or information provided herein. DCOZ retains the right to change any content on its zoning map without prior notice.
PERSPECTIVE - ALONG 18TH STREET
Ward 8 Senior Wellness Center

PERSPECTIVE - MINOR COURTYARD

Perkins Eastman DC & Salvi Associates LLC
Ward 8 Senior Wellness Center

PERSPECTIVE - MAJOR COURTYARD

Perkins Eastman DC & Salvi Associates LLC
3. HISTORICAL CONSIDERATIONS
HISTORICAL SUMMARY

In 1942, the way was cleared for the completion of Kramer School. There had been much debate and discussion whether it would be used by an emergency government agency, but the decision was made by the War Productions Board that the primary and sole purpose of the building would be as a junior high school. Because of such problems concerning the government, the Ross Engineering Co., Inc. did not complete the construction until April of 1943 (just shy of two years after the contract was signed). The new building was smaller than the old, consisting of 24 classrooms and 13 special rooms. It also showed the effects of the war by its lack of metal tipped chairs and showers. When the school opened on April 12, 1943, 1240 pupils attended, and by 1948, 1490 students attended the school built to house only 1000. Kramer had the highest junior high school enrollment in the city. Due to overcrowding, swing shifts were being enforced at the school until October of 1948.

PHOTO BY JOHN P. WYMER

ARCHITECTURAL SUMMARY

Kramer Junior High School is a brick three-story building, consisting of a central auditorium. An extruded Doric double portico emphasizes its main entrance of three metal doors. The side entrance is defined by a single story limestone Doric portal, topped with an iron rail balcony. Limestone belt coursing runs above the second and third floors of the building offsetting the verticality of the portico columns. Twelve over twelve windows pierce the third floor, while double nine over nine span the bottom two floors. Arched windows decorating the rear (north) of the building.

Sources:
SITE HISTORY

2014

2017

Perkins Eastman DC & Salvi Associates LLC
4. ENVIRONMENTAL CONSIDERATIONS
SOLAR ENERGY GENERATION ANALYSIS

- TOTAL SOLAR RADIATION ON SOLAR PANELS: 392,398 KWH
- AC ENERGY GENERATION: 75,400 KWH

Perkins Eastman DC & Salvi Associates LLC
SUN PATH

Washington, DC experiences extreme weather swings, with hot humid summers and cold dry winters. It is therefore challenging to create a thermally comfortable outdoor environment, except in the swing seasons of spring and fall, but even including these seasons the outdoor environment is only comfortable around 11% of the year.

Additional measures for solar and wind control in outdoor spaces should therefore be employed to extend thermal comfort. Core learning spaces and areas with high levels of occupancy will be oriented in such a way that they are protected from glare disturbance and unwanted heat gains.
WIND PATTERN

In the Washington, DC region, prevailing winds shift by season.

Cold winter winds tend to come from the northwest with relatively high velocity, making outdoor areas that face north relatively inhospitable.

During the rest of the year, winds come from the south primarily, especially in the summer months. These breezes are more welcome for ventilation to extend comfort.
Although mechanical heating and cooling will still be needed to maintain indoor thermal comfort in this climate, passive design strategies can be employed to reduce the amount of mechanical cooling necessary. While passive cooling strategies such as natural ventilation and the use of fans can reduce mechanical cooling needs, the climate predominantly requires heating, so focusing on passive heating strategies can have more impact on energy performance and thermal comfort. With the current climate, passive heating strategies such as utilizing a well insulated and airtight building envelope to capture internal heat gains and utilizing the sun to passively heat the building, can provide added comfort for 65% of the year, significantly reducing the need for mechanical heating.
SUSTAINABLE ANALYSIS

SHADOWS CREATED BY KRAMER MS

8:00 AM

March 21, September 21

11:00 AM

June 21

2:00 PM

December 21

5:00 PM

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SUSTAINABLE ANALYSIS

WINDOW/ WALL RATIO

SOUTH FACADE

EAST FACADE

WEST FACADE

NORTH FACADE

Perkins Eastman DC & Salvi Associates LLC
Ward 8 Senior Wellness Center

SUSTAINABLE ANALYSIS

DAYLIGHT AND GLARE ANALYSIS

The daylight study indicates that there is 19% glare in the second floor flex rooms and administrative spaces. The maximum percentage of glare recommended for comfort is 10%. The design team will be exploring solutions to reduce the glare including exterior shading devices and alternative glass.

TOTAL RESULTS

DAYLIGHT (SDA): 65%
  IDEAL: >55%

GLARE (ASE): 9%
  IDEAL: <10%

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FIRST FLOOR

DAYLIGHT (SDA): 53%
GLARE (ASE): 3%

SECOND FLOOR

GLARE (ASE): 19%

Perkins Eastman DC & Salvi Associates LLC
A preliminary report was generated by the U.S. Fish & Wildlife Services for the project area on August 25, 2022. The report indicates that no endangered species within the proposed action area and no critical habitats will be affected by this work. The report lists a variety of Migratory Birds that are either on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in the area. By using the E-bird Mapping Tool referenced in the report, it was determined that site the migratory birds most likely to be found on site are the Bobolink and Chimney Swift, both of which are BCC. However, the overall existing conditions of the site are improving; there will not be significant destruction of the habitat contributing to the loss of these migratory birds. The proposed site improvements include an increase in additional compact and natural cover and numerous trees and bushes, resulting in overall improved conditions for habitat restoration. In the same vein, the on-site improvements will also reduce overall runoff to the Anacostia River and therefore decrease the chances of pollutants that could enter the waterway. In conclusion, the overall proposed conditions of the project do not adversely affect any existing wildlife or adjacent waterways.

The site is located close to Anacostia River. The proposed design improves the current conditions by eliminating large portions of deteriorating asphalt and replacing it with layered native planting. We anticipate the native ribbon of plants will provide biodiversity and create habitat for local wildlife. In addition, there are several proposed bioretention areas that will collect stormwater run-off on site. An existing willow oak heritage tree located in the south side of the property will be preserved and will become a focal point for the Senior Wellness Center.
The Senior Wellness Center envelope is inspired by the surrounding neighborhood architecture. The center will be accessible by foot, by bike, or by car. Proposed pedestrian connections tie into the existing neighborhood infrastructure and provide easy access to the proposed building. A proposed curvilinear garden path will connect the Senior Wellness Center to the surrounding neighborhood and will create a focal point and will anchor the corner view shed at Q Street SE and 18th Street SE. A direct sidewalk will provide access to the main lobby from 18th Street SE.

Layered planting will create additional interest and provide shade and privacy by mitigating the heat island effect.

Refer to tree list and tree diagram for additional information on trees. (See tree addition and removal diagrams)

Diameter of trees proposed for removal (N&S):

- -3.5"
- -4"
- -4"
- -6"
- -3"
- -2"
- -2"
- -5"

Additional trees: 91 Total

- (6) Amelanchier arborea
- (37) Betula nigra
- (3) Carya ovata
- (5) Cercis canadensis
- (6) Chionanthus virginicus
- (4) Cornus florida
- (1) Ilex opaca
- (5) Juniperus virginiana ‘Skyrocket’
- (5) Magnolia virginiana ‘Henry Hicks’
- (3) Nyssa sylvatica
- (5) Taxodium distichum
- (11) Asimina triloba
According to FEMA’s National Flood Hazard Reports, most of the site lies in an area with “Minimal Flood Hazard” (see Figure 1), while an area of approximately 200 sf which is less than 1% of the overall property area appears to be within the bounds of an the Floodplain “X,” area, a flood zone between the area of base flood and the 0.2% Annual Chance Flood.

This area is located at the northern-most extents of the property. A report of the flood risk of this area and the extents of the project site were run through DOE’s Flood Risk Management Viewer and the overall projected 100Yr. Structural Loss on the site was $0 (see supporting documents). Furthermore, the overall site conditions for flooding are being greatly improved through the increase in pervious area and the planting of trees along the perimeter of the site, including the small area within the risk zone.

The proposed work will be on the same lot as an existing feature that will remain, the Kramer Middle School, considerations are also made to protect the school building and appurtenances. These considerations primarily consist of increasing the pervious area that surrounds the existing school building and adding landscaping islands in the parking area designated for the school. The school parking lot is further being improved by adding curbs to convey the surface rainwater runoff into stormwater management facilities to be treated, partially infiltrated that will ultimately decrease the volume of rainwater released to the existing storm drainage network to prevent overflow conditions.
The proposed stormwater management (SWM) measures for the site address only the areas being improved and include both intensive and extensive bioretention facilities, rainwater harvesting, impervious surface disconnection, and an increase in natural land cover through the planting of trees. The runoff from the proposed impervious areas on-site will be routed directly to BMPs to treat the water as close as possible to the outfall point, prior to entering the proposed storm drainage system and ultimately the existing system. The proposed SWM measures are placed adjacent to the major impervious areas: the two parking lots, the two basketball courts, the proposed Senior Wellness Center building, and the proposed walkways. The measures are sized appropriately to treat the contributing runoff from these surfaces. Each of these SWM facilities are sized using the standards set forth in the DOEE Stormwater Management Guidebook (2020). The required storage volume for the site is XXX. The sum of storage volume provided with the proposed SWM features, and facilities have a storage volume of 9,871 cubic feet, which amounts to 25% more than the required minimum storage volume from DOEE. In conclusion, the SWM measures proposed are sized to comply with the design criteria and regulations and will not require modification that could ultimately result in site plan changes.

At this time the project team scheduled the beginning of coordination with the permitting agency within the next few weeks.