PHILADELPHIA CITY PLANNING COMMISSION

CIVIC DESIGN REVIEW

CDR PROJECT APPLICATION FORM

L&I APPLICATION NUMBER: 689390

What is the trigger causing the project to require CDR Review? Explain briefly.

This facility is located in a SPINS district and is in excess of 100,000gsf.

PROJECT LOCATION

Planning District: Lower North **Council District:** 5th

Address: 1816 N. 15th Street
Philadelphia, PA 19122

Is this parcel within a Master Plan District? Yes X No ____

CONTACT INFORMATION

Applicant Name: Thomas F. McCreesh Jr. **Primary Phone:** 215-204-8113

Email: mccreesh@temple.edu **Address:** 1009 W. Montgomery Ave
Philadelphia, PA. 19122

Property Owner: Temple University - Of The Commonwealth System of Higher Education **Developer** N/A

Architect: Moody-Nolan

CONTINUED ON NEXT PAGE

SITE CONDITIONS

Site Area: 75,806sf

Existing Zoning: SPINS Are Zoning Variances required? Yes ____ No X

SITE USES

Present Use: Outdoor Recreation

Proposed Use: Classroom / Office, Mechanical / Lobby and Indoor Recreation

Area of Proposed Uses, Broken Out by Program (Include Square Footage and # of Units):

Classroom / Office - 42,675sf, Mech. and Lobby - 7,896sf, Indoor Recreation - 61,029sf
See layout material provided with application

Proposed # of Parking Units:

The parking for this facility is governed by SPINS requirements The facility SF requires 28 parking spaces which are located in the adjacent Liacouras Garage per the approved Master Plan amendment.

COMMUNITY MEETING

Community meeting held: Yes X No ____

If yes, please provide written documentation as proof.

If no, indicate the date and time the community meeting will be held:

Date: _____ Time: _____

ZONING BOARD OF ADJUSTMENT HEARING

ZBA hearing scheduled: Yes ____ No ____ NA X

If yes, indicate the date hearing will be held:

Date: _____

Temple University
Student Health and Wellness center

CIVIC DESIGN REVIEW *June 21, 2016*

Submitted By
Temple University

Temple University Student Health and Wellness Center

CIVIC DESIGN REVIEW

June 21, 2016

Prepared for:
CDR COMMITTEE

Prepared by:

MOODY•NOLAN

LANGAN

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NEW ENTRY FROM 15th STREET AND MONTGOMERY

Temple University is in the midst of a major transformation of its North Philadelphia Campus. The University is renovating and adding new facilities to better support the university's academic and research mission, encouraging student health and wellness and improving the physical character of the landscape that ties buildings together and connects the campus to the surrounding community. This project is a new Student Health and Wellness Center that brings together the functions of an indoor turf facility for football and intramural use, a new weight room for student recreation, classrooms and rehabilitation labs for the College of Public Health and offices for Athletics.

The new building will be surrounded by an outdoor jogging track for university and community use. Currently the site is a 400 meter track. Temple is building new track and field facilities off campus w which makes this track outdated. Because Temple has made the larger track available for public use when it is not being used for Athletics, Temple understands that the community considers the ability to have a safe jogging track as an amenity for community use. This new jogging track will provide a safe path for recreation. The new Student Health and Wellness center will provide an 8' wide jogging track around the building that will ramp up and over the entrance, have a stair down to the main plaza and be lit for security with mirrors on the north and west corners, and security cameras on the exterior to encourage a sense of security and openness for the community.

The building consists of four users and functions: indoor turf field, weight room, classroom teaching labs, and offices. About half of the building is a pre-engineered metal building housing a 60 yard indoor turf field. This space is surrounded on two sides by a conventional building in the front and a one story fitness center on the east to mask the massing of the field house from Montgomery and 15th street. The indoor turf field will be used for student use, including varsity sports, intramurals and other student recreational use.

The east wing is a Weight room for student recreation. The weight room is one story and the combination of glass for views and the height effectively reduce the mass of the building from the east for a more pedestrian scale.

The south wing on two floors will house a mix of eight flexible classrooms and labs for teaching occupational and physical therapy. These labs will offer training for students and physical therapy for some of the public. A demonstration apartment will be used for teaching real life skills for patients and students with disabilities.

The third floor will be used to house Athletics offices to bring several sets of offices into one location.
While the other buildings on Montgomery and 15th street are aligned with the sidewalk, this building is set back 19 feet from the existing retaining wall to reduce the mass of the building. The three story front portion screens the metal building field house portion so that it is minimally visible from Montgomery street.

The building will have one main entrance on the southeast corner of the site with a lot of welcoming glass, and a smaller secondary field house user entrance on the northeast corner. The building services are also at the northeast corner to be close to the building services for Pearson and McGonigle Hall next door to the east.

The building will use brick and composite metal panel on the south, metal building panel and brick on the east, brick and metal panel on the north, and metal panel with brick on the West Elevation. Windows are provided into the labs and offices. Slot windows on the east side of the lobby allow light into the lobby space and reduce the mass of the composite metal on the southeast corner.

W NORRIS ST
W BERKS ST
N 15 ST
N WILLINGTON ST
N 16 ST
N SYDENHAM ST
N 15 ST
W MONTGOMERY AVE
BROAD ST
LIACOURAS WALK
CECIL B. MOORE AVE
AERIAL PLAN

1 VIEW EAST ON MONTGOMERY

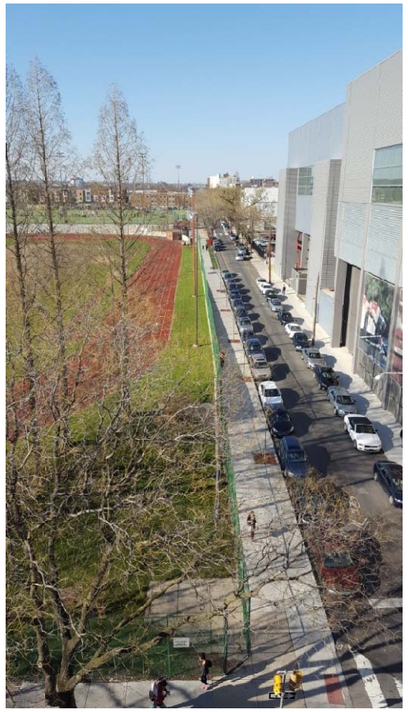
4 15TH STREET LOOKING SOUTH

EXISTING SITE

2 LOOKING WEST AT CORNER OF SITE AND MONTGOMERY

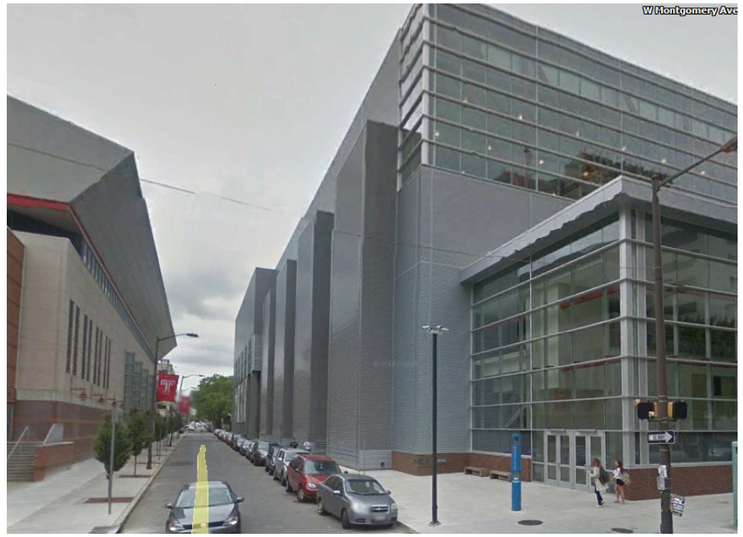
3 LOOKING NORTH ACROSS SITE

5 MONTGOMERY LOOKING EAST TOWARD PARKING GARAGE



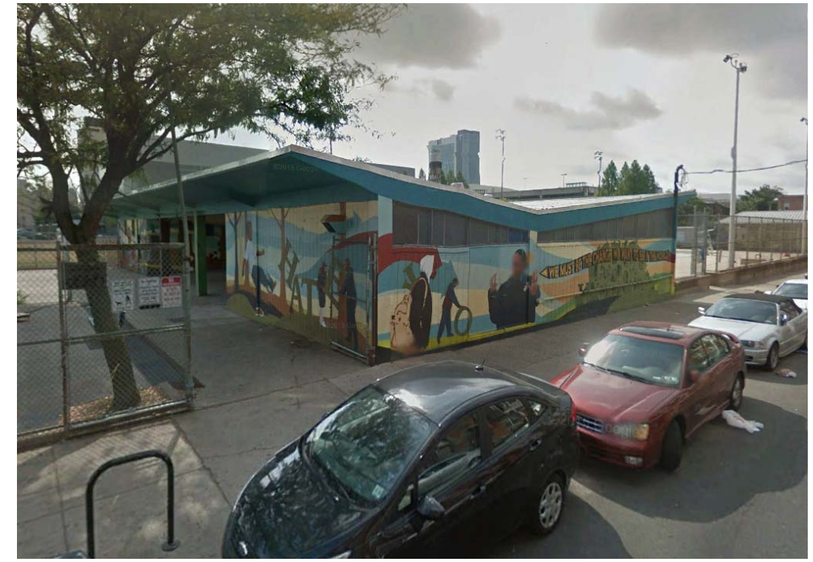
6 LOOKING NORTH ALONG 15TH STREET

7 LOOKING AT CORNER OF SITE TOWARDS 15TH STREET AND MONTGOMERY



8 LIACOURAS WALK LOOKING NORTH

9 LOOKING WEST ACROSS SITE



10 16TH STREET LOOKING AT COMMUNITY CENTER

14 MONTGOMERY LOOKING EAST TOWARD SITE

15 MONTGOMERY LOOKING WEST

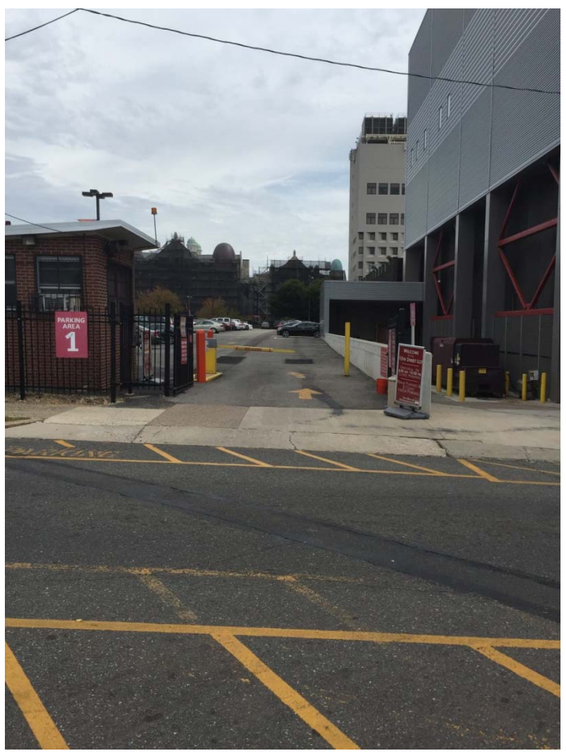
16 LOOKING SOUTHWEST FROM SITE

EXISTING SITE

11 16TH STREET VIEW LOOKING SOUTH

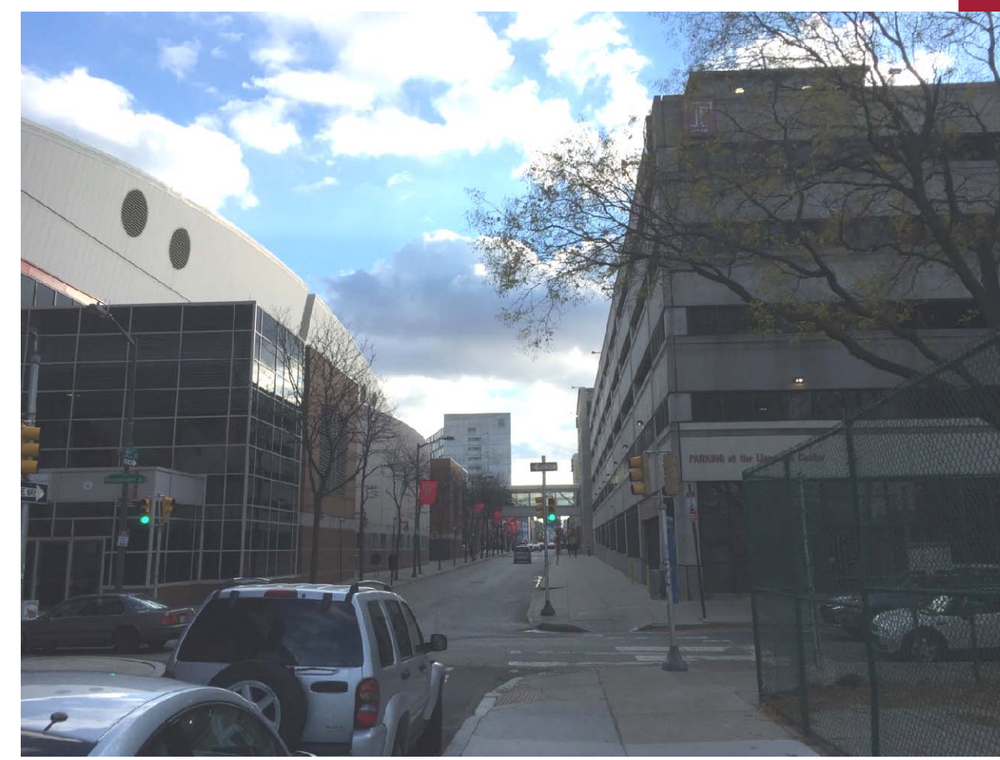
12 COMMUNITY CENTER POOL LOOKING AT SITE

13 WALK AT FAR NORTH END OF SITE

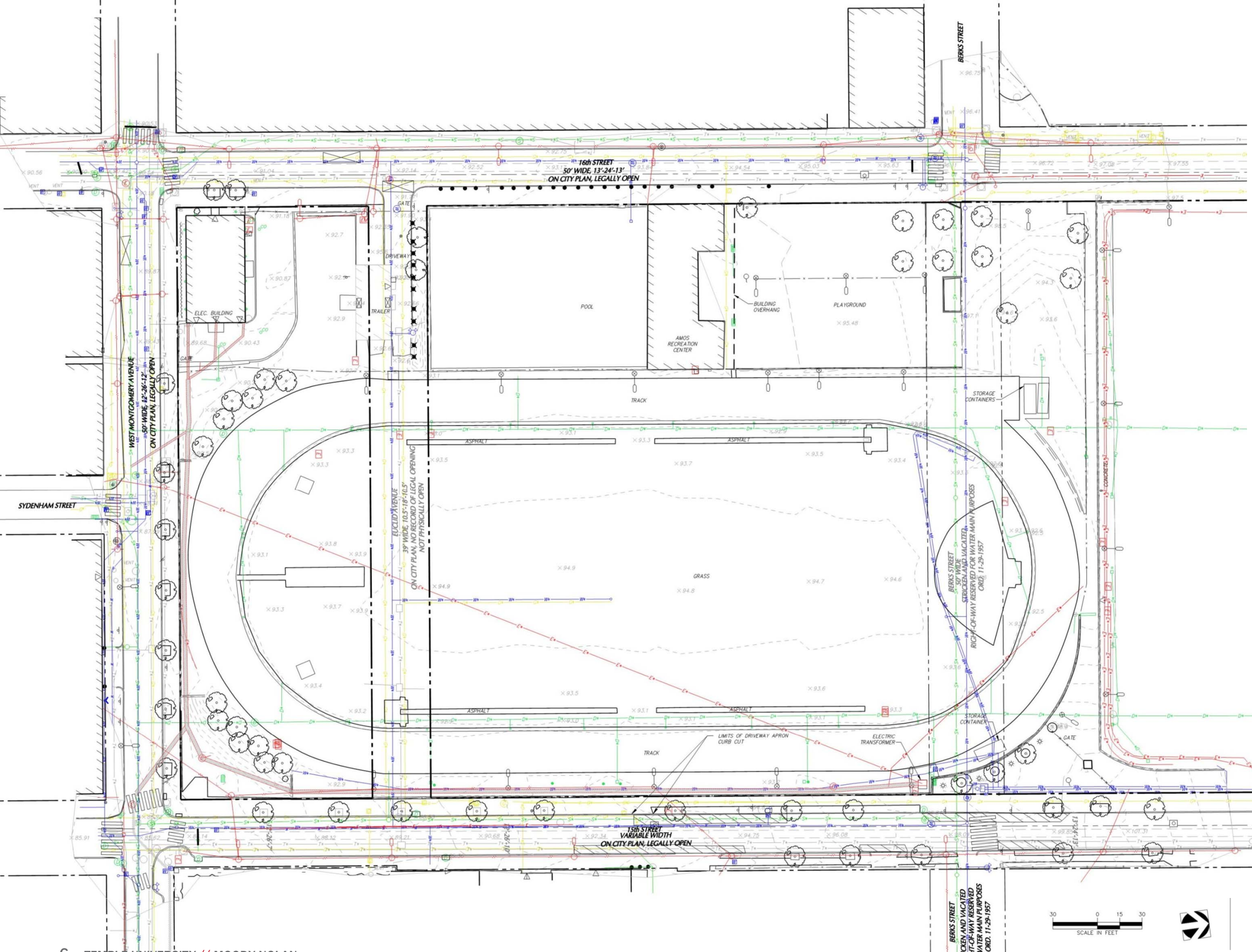


17 15TH STREET LOOKING EAST JUST NORTH OF PEARSON & McGONIGLE

20 PEARSON &McGONIGLE



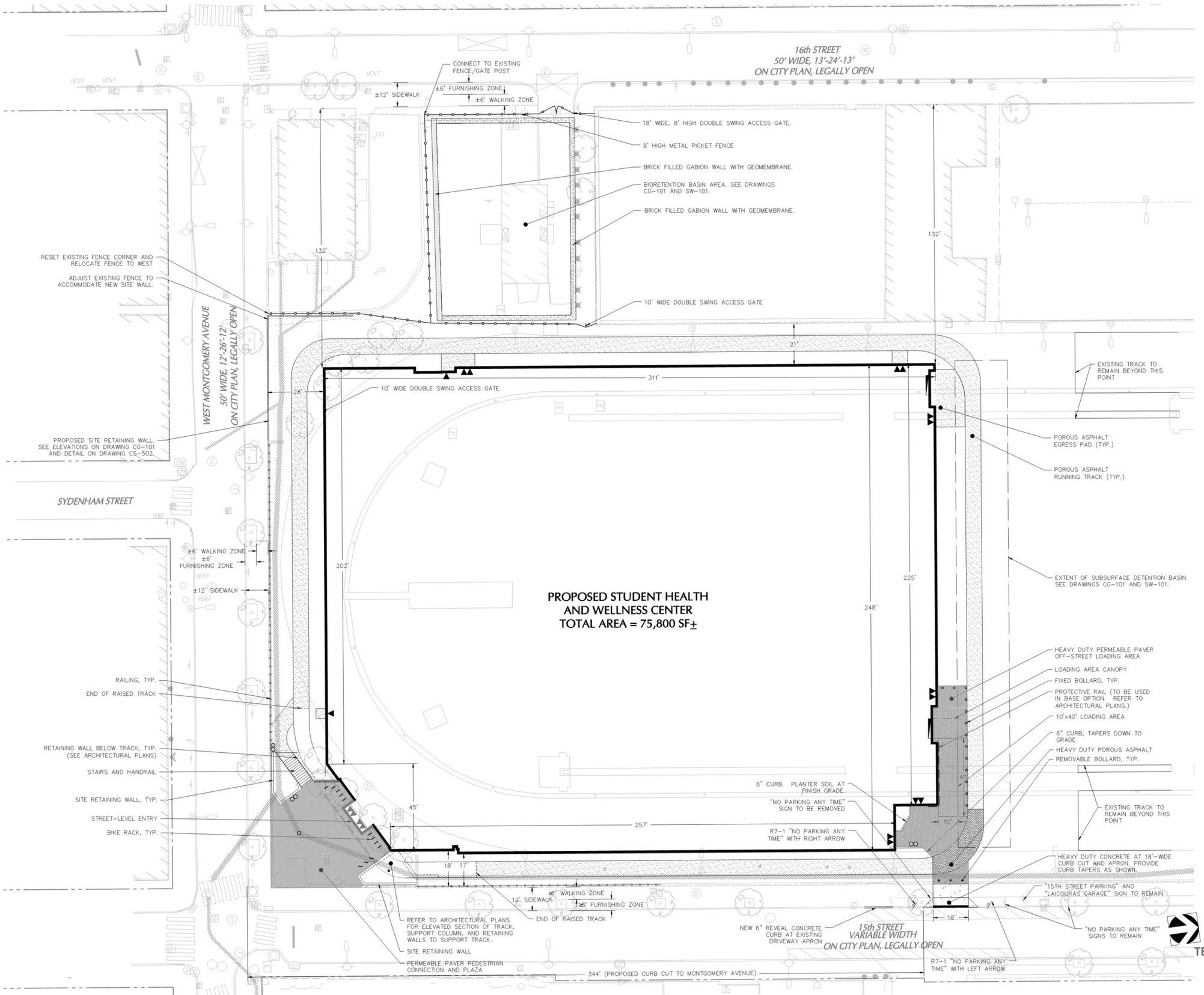
21 15TH STREET LOOKING SOUTH FROM SITE



LEGEND

- HYDRANT
- STREET/AREA LIGHT
- POLE
- UTILITY MANHOLES
- WATER VALVE
- GAS VALVE
- ELECTRICAL METER
- CATCH BASIN
- x322.35 SPOT ELEVATION
- TREE
- SIGN
- NP NO PARKING AREA (DIRECTION AS INDICATED)
- BS BUS STOP
- BOLLARD
- METAL COVER
- ELECTRIC BOX
- DOOR
- DOUBLE DOOR
- UNKNOWN VAULT
- BUILDING COLUMN
- STORM DRAIN
- GAS LINE
- WATER LINE
- ELECTRIC LINE
- TELEPHONE LINE
- OVERHEAD WIRE
- FENCE (TYPE AS NOTED)
- PROPERTY/RIGHT-OF-WAY LINE
- INTERIOR LOT LINE
- REFERENCED WATER LINES
- REFERENCED TELECOM LINES
- REFERENCED GAS LINES
- REFERENCED SEWER LATERAL LINES
- REFERENCED ELECTRIC LINES
- REFERENCED STORM DRAIN
- RAPID TRANSIT LINE
- 100 MAJOR CONTOUR LINE
- 99 MINOR CONTOUR LINE
- EASEMENT WATER SUPPLY
- FENCE
- TRANSIT LINE
- ELECTRICAL DUCTBANK

SITE SURVEY & PROPOSED SITE



LEGEND

- STREET LIGHT
- AREA LIGHT
- POLE
- UTILITY MANHOLES
- WATER VALVE
- GAS VALVE
- CATCH BASIN
- x322.35 SPOT ELEVATION
- TREE
- SIGN
- BOLLARD
- ELECTRIC BOX
- DOOR
- DOUBLE DOOR
- PROPERTY/RIGHT-OF-WAY LINE
- PROPOSED DOOR
- PROPOSED DOUBLE DOOR
- PROPOSED LOADING DOOR
- PROPOSED FENCE
- PROPOSED POROUS ASPHALT TRACK
- PROPOSED HEAVY DUTY POROUS ASPHALT
- PROPOSED PERMEABLE PAVER PLAZA
- PROPOSED HEAVY DUTY PERMEABLE PAVER
- PROPOSED HEAVY DUTY CONCRETE

16TH STREET
WEST MONTGOMERY AVE
STUDENT HEALTH AND
WELLNESS CENTER
15TH STREET
B
B
H
D
F
E
C
A
E

LANDSCAPE

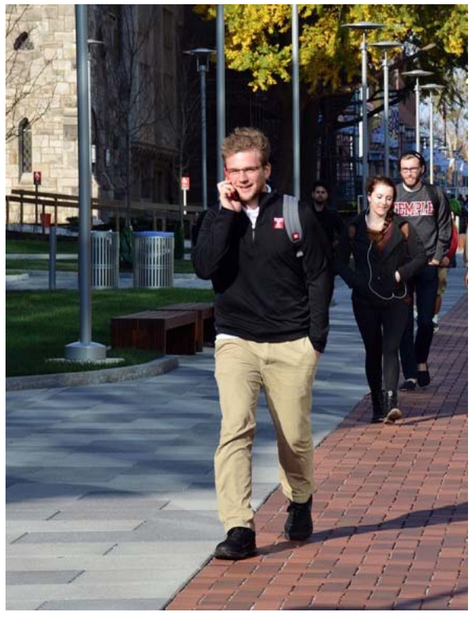
A RUNNING TRACK
A public running track encircles the building

B STORM WATER MANAGEMENT
- Brick filled gabions and Geo-wall provide additional stormwater storage capacity within the sidewalls of the stormwater management basin, planted with native grasses trees and flowering plants.
.

C BIKE RACKS
Provide simple, safe locking options for bicycle commuters

D SITE STAIRS - Designed of precast concrete to allow water to drop through the bottom of each riser to the bed below help to infiltrate stormwater.

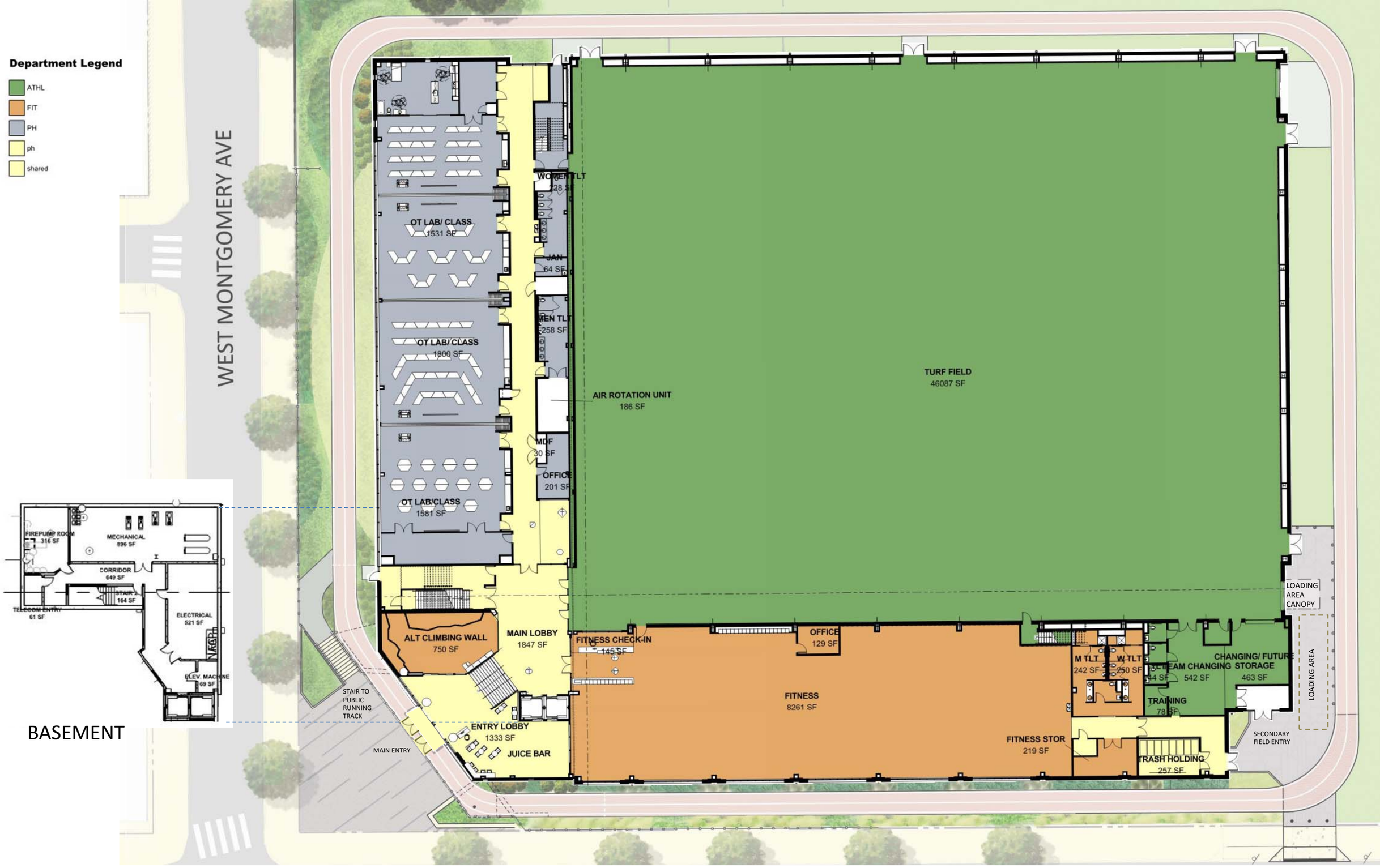
E POROUS PAVERS AND ELONGATED PAVERS
Are used at the loading area and entry plaza to control stormwater runoff/
Long porous pavers point to the front entry.
.



F SITE LIGHTING
Pedestrian-level lighting provides a consistent light levels and relates to the lighting used throughout the campus.

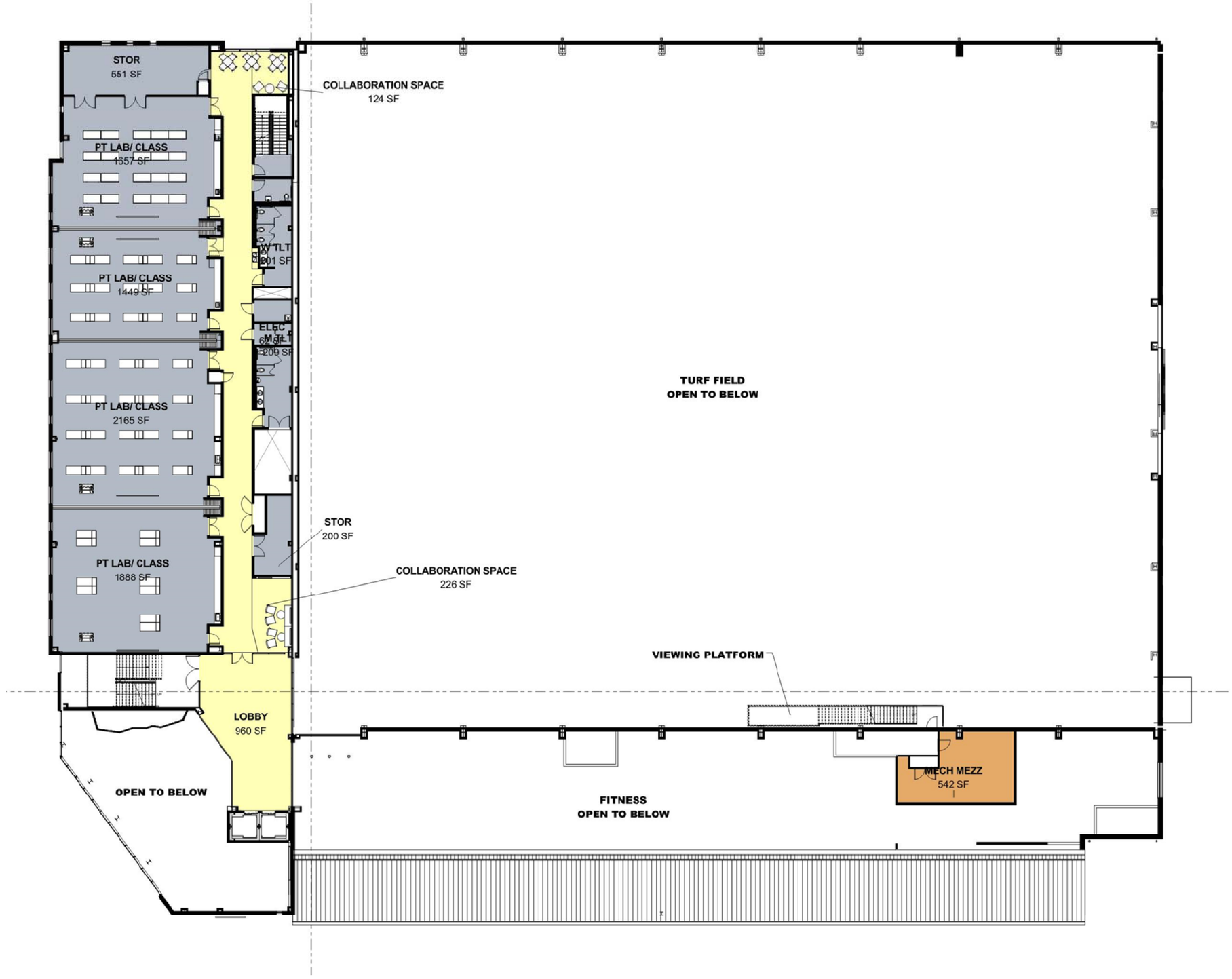
G SEAT WALLS AND EXISTING SITE WALLS
Low concrete walls serve as planters and offer seating opportunities.

H EXISTING SITE WALLS
Existing concrete retaining walls serve as a backdrop for new plantings that will cascade over the top and climb up the side, providing a greener focus along the sidewalks.


Department Legend
ATHL
FIT
PH
ph
shared
WEST MONTGOMERY AVE
OT LAB/ CLASS
1531 SF
OT LAB/ CLASS
1800 SF
OT LAB/CLASS
1581 SF
WOMEN TLT
228 SF
JAN
64 SF
MEN TLT
258 SF
AIR ROTATION UNIT
186 SF
MDF
30 SF
OFFICE
201 SF
TURF FIELD
46087 SF
ALT CLIMBING WALL
750 SF
MAIN LOBBY
1847 SF
FITNESS CHECK-IN
145 SF
OFFICE
129 SF
FITNESS
8261 SF
M TLT
242 SF
W TLT
250 SF
TEAM CHANGING
542 SF
CHANGING/ FUTURE STORAGE
463 SF
TRAINING
FITNESS STOR
219 SF
TRASH HOLDING
257 SF
LOADING AREA CANOPY
LOADING AREA
SECONDARY FIELD ENTRY
STAIR TO PUBLIC RUNNING TRACK
MAIN ENTRY
ENTRY LOBBY
1333 SF
JUICE BAR
FIREPUMP ROOM
316 SF
MECHANICAL
896 SF
CORRIDOR
649 SF
STAIR 2
164 SF
TELECOM ENTRY
61 SF
ELECTRICAL
521 SF
ELEV. MACHINE
69 SF
BASEMENT
MAIN LEVEL

Department Legend

- ATHL
- FIT
- PH
- ph
- shared

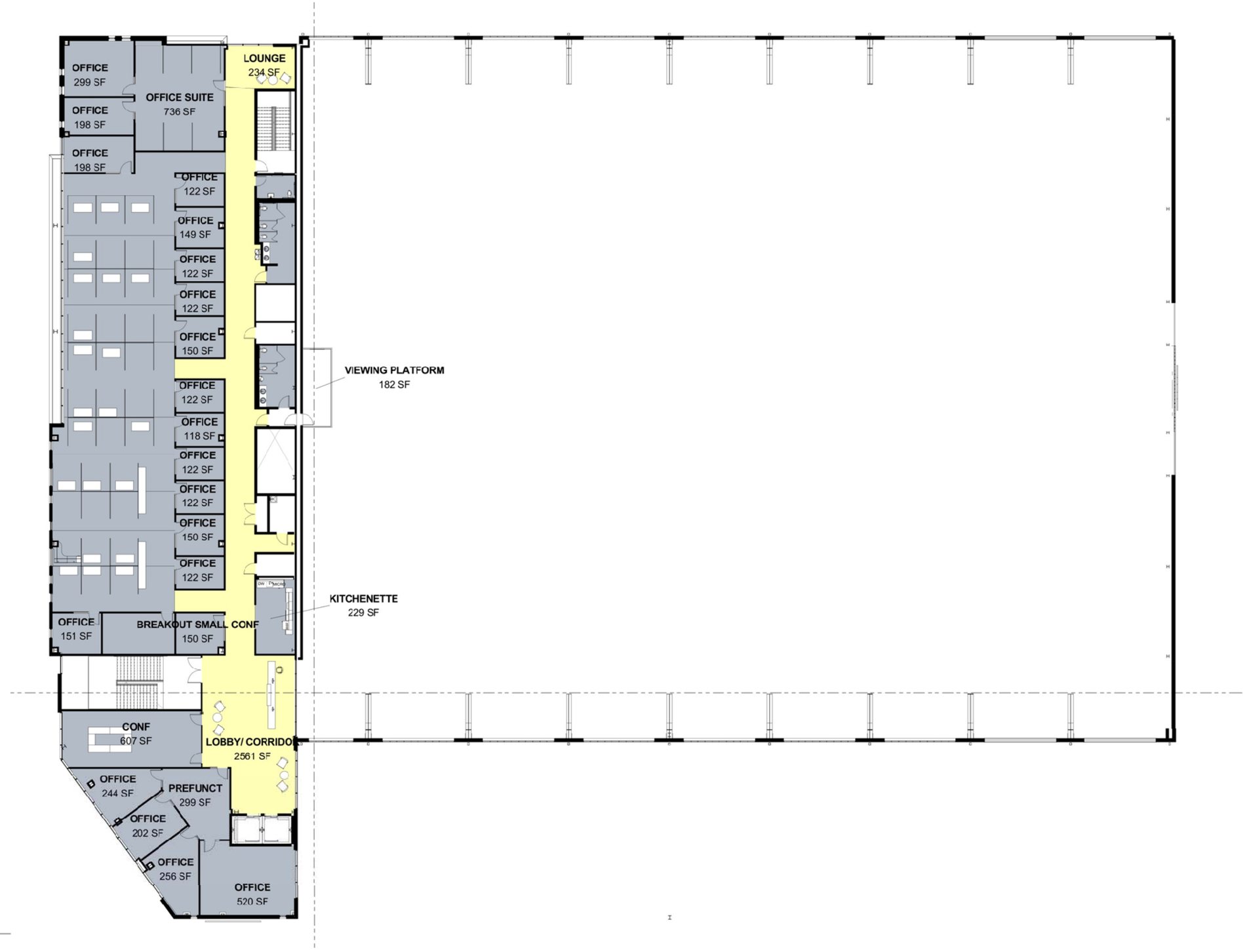


1 **PLAN** SECOND FLOOR

1" = 30'-0"

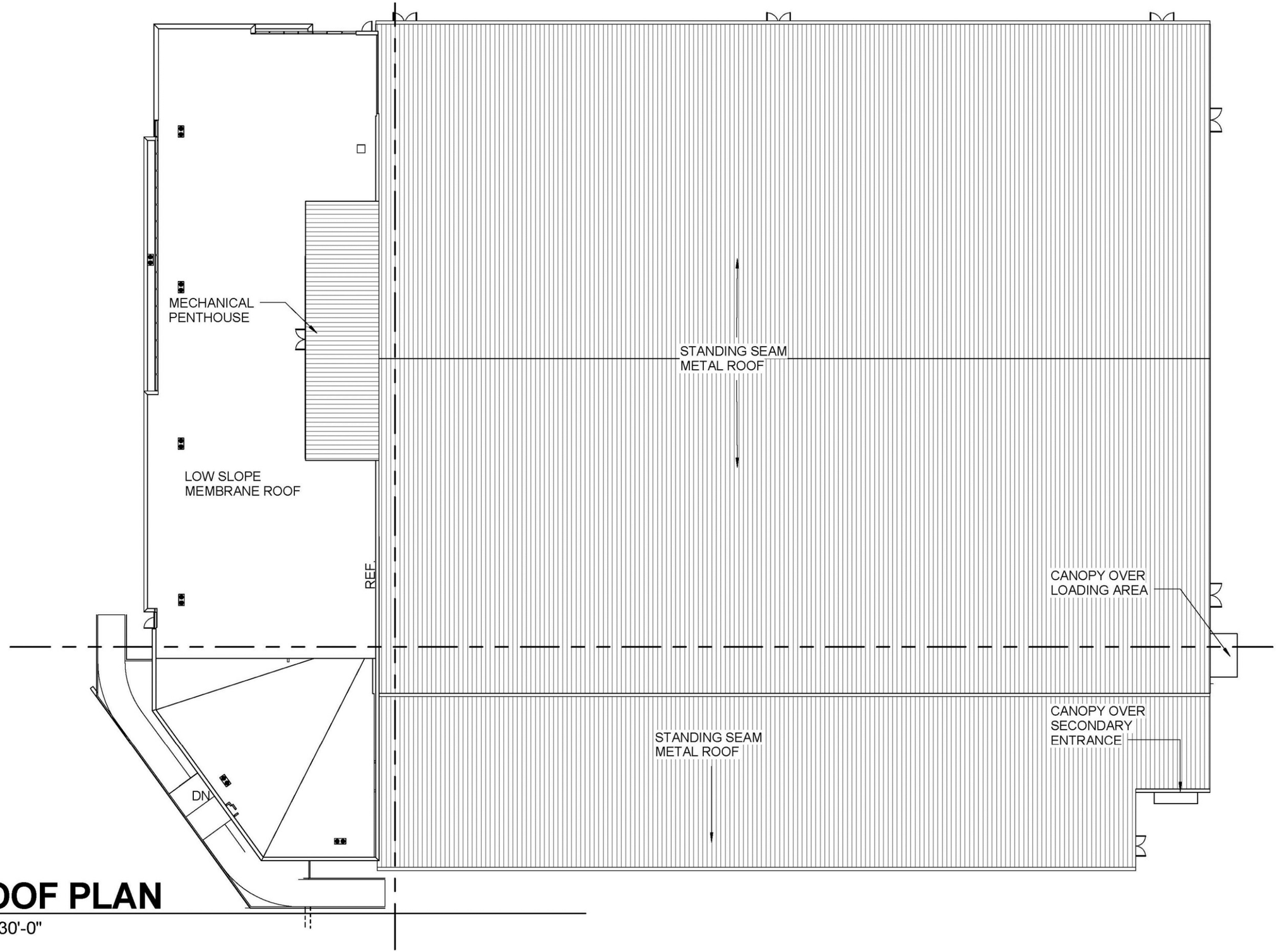
Department Legend

- ATHL
- FIT
- PH
- ph
- shared



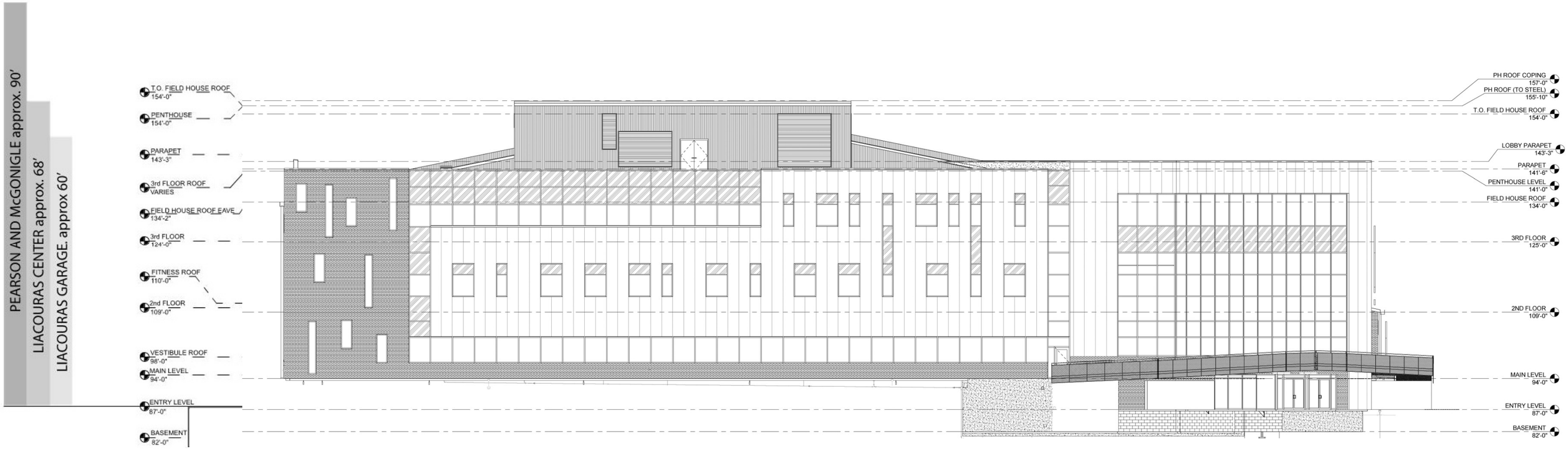
1 PLAN THIRD FLOOR

1" = 30'-0"

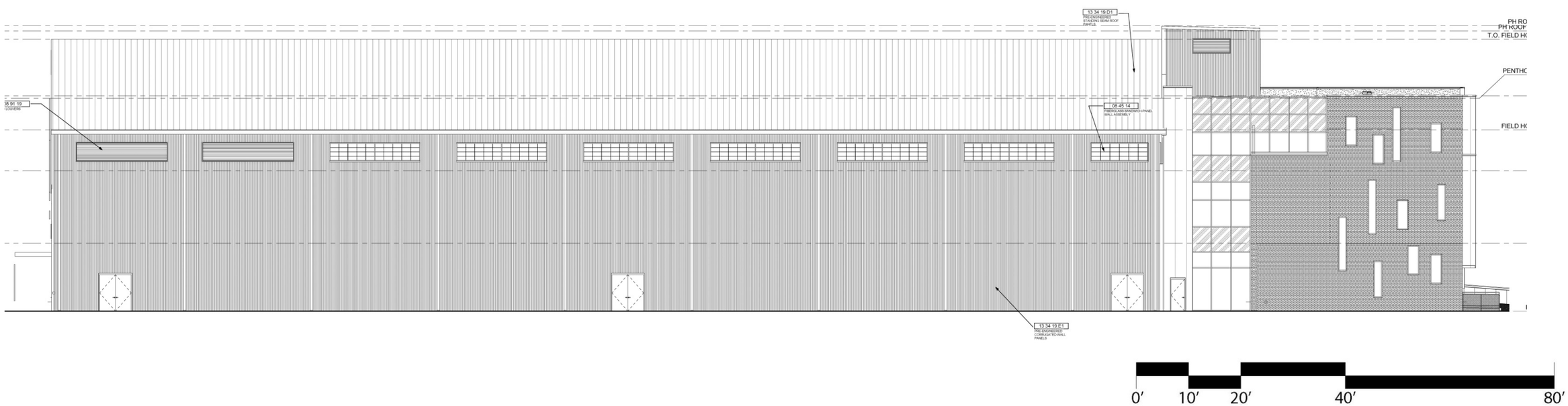


1 ROOF PLAN

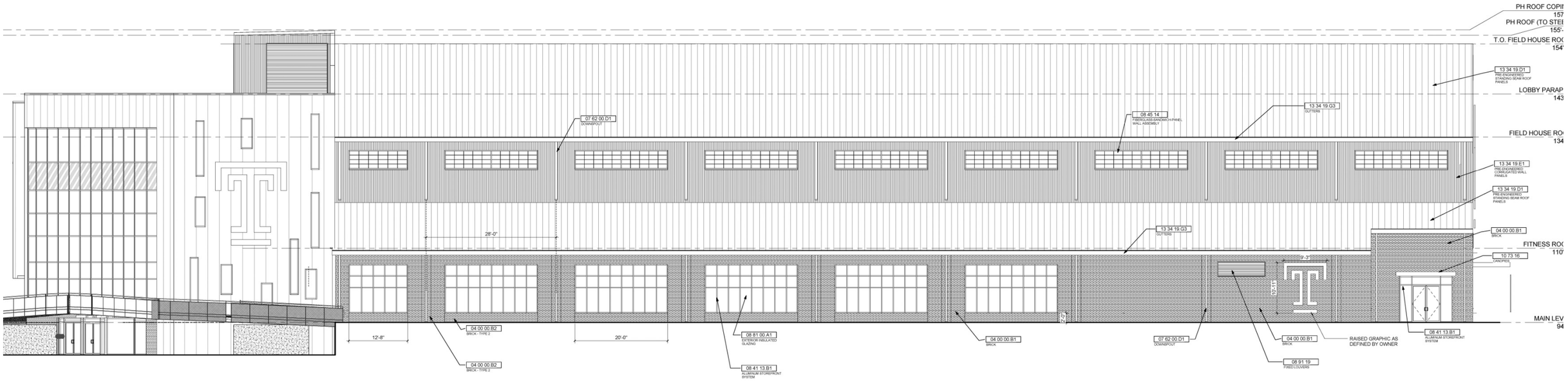
1" = 30'-0"



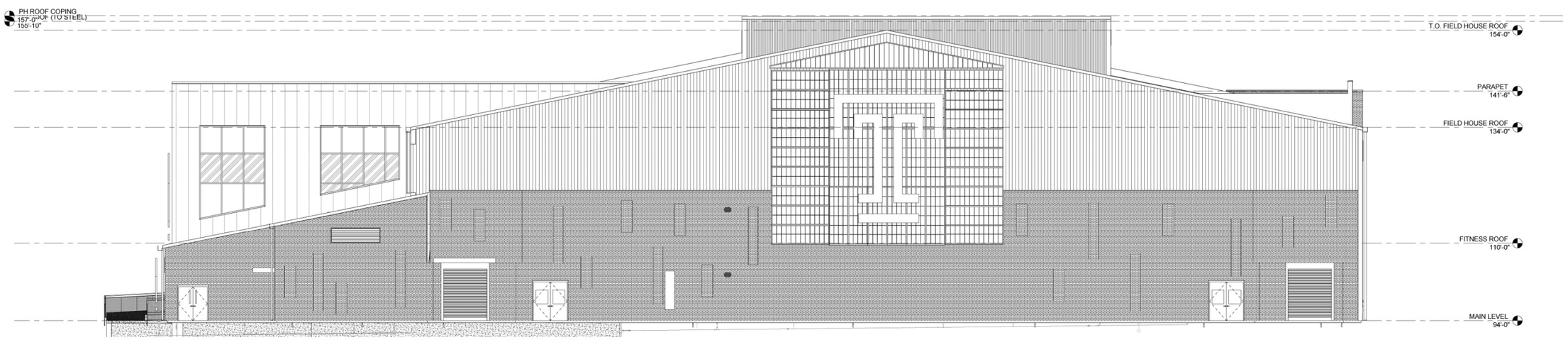
MONTGOMERY STREET ELEVATION



WEST ELEVATION

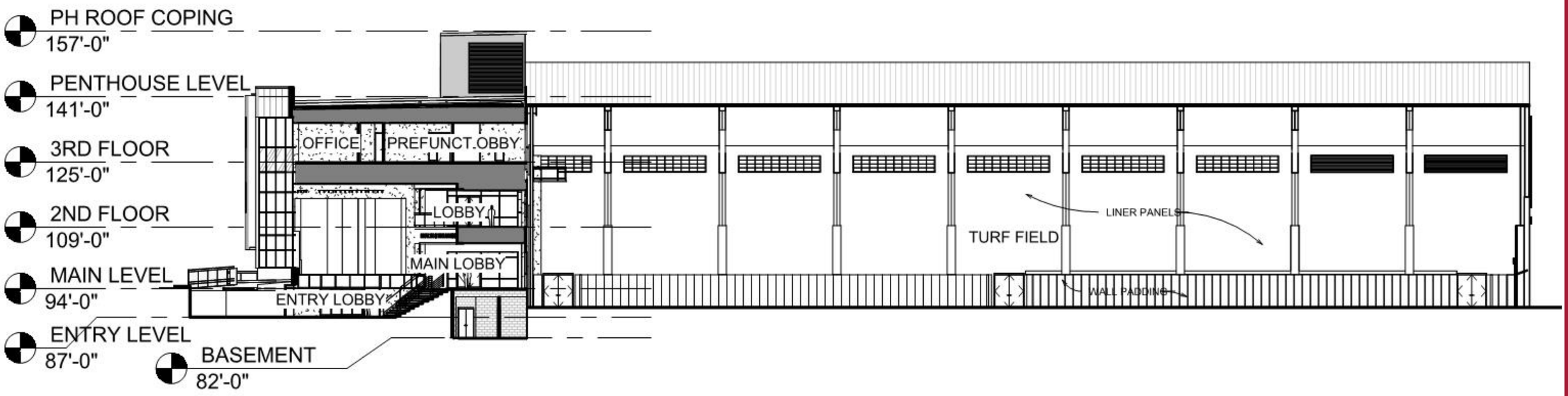


15TH STREET ELEVATION-

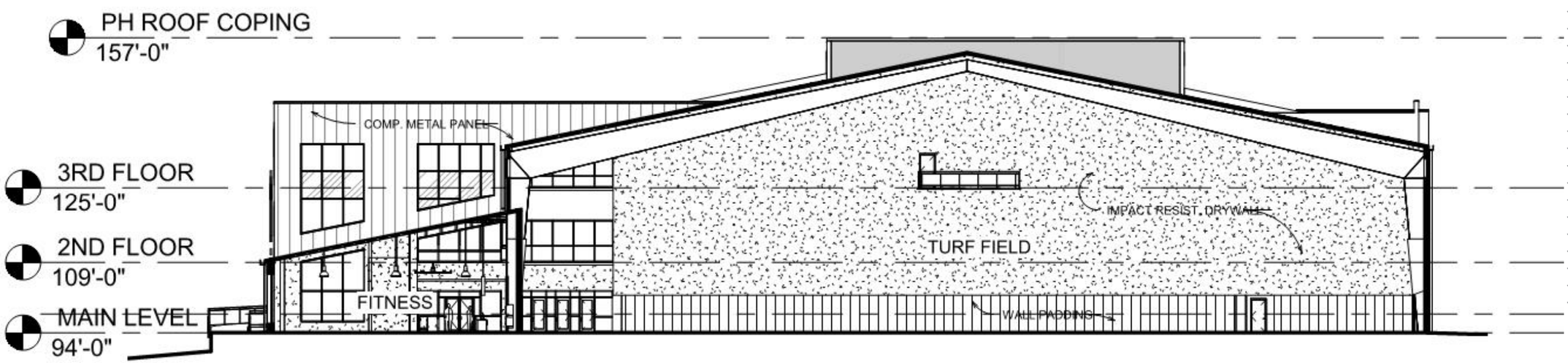


NORTH ELEVATION

BUILDING SECTIONS

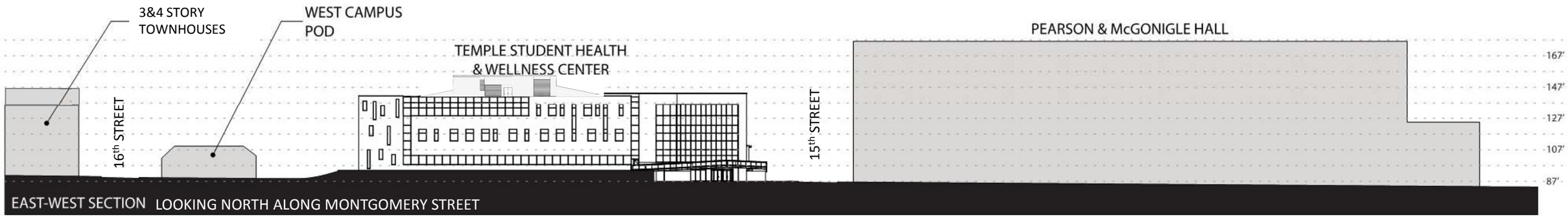


SECTION THROUGH LOBBY AND TURF FIELD LOOKING WEST

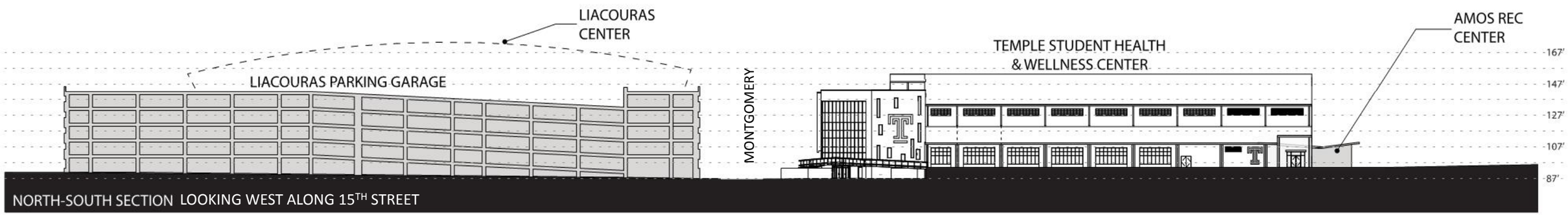


SECTION THROUGH FITNESS AND TURF FIELD LOOKING SOUTH

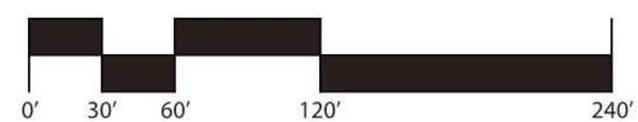
SITE SECTIONS



EAST-WEST SECTION LOOKING NORTH ALONG MONTGOMERY STREET



NORTH-SOUTH SECTION LOOKING WEST ALONG 15TH STREET



SUSTAINABLE DESIGN

Sustainable design at Temple Student Health and Wellness Center begins by creating a dynamic facility that inspires today's best and brightest while reducing the annual consumption of energy, water, and waste. As part of the goal to achieve a LEED Silver rating for the project, the New Student Health and Wellness Center design will incorporate several sustainable strategies.

In addition to the LEED prerequisite requirements, the design team has prioritized the follow- ing sustainable objectives:

- Implementation of on-site water-reducing strategies.
- Sensitivity to project site and local ecosystem.
- Promotion of active lifestyle choices and enhanced work environment
- Selection of high performance products and finishes
- Use of highly recycled and recyclable materials

See the LEED Checklist for a preliminary tabulation of proposed LEED credits.

ENERGY EFFICIENCY STRATEGIES

Sustainable design requires the integration of ar- chitectural design with engineered systems for enhanced energy efficiency and environmental quality. The following strategies are targeted to enhance the New Student Health and Wellness Center energy performance:

Reduced Energy Consumption - Heating, Ventilation and Air Conditioning (HVAC) Systems:

HVAC systems account for 50% of a conventional facility's energy usage. In an effort to reduce energy consumption, the project will use a large air rotation unit in the field house with heating and cooling coils and circulating fans, combined with exhaust at the northwest corner to improve air circulation and tempering in the field house.

Reduced Energy Consumption – Lighting Systems:
Lighting systems often account for 30% of a conventional facility's energy usage. A strategic effort to reduce the lighting load within the Student Health and Wellness Center will have a major impact on achieving energy reduction targets.

Natural daylight will be maximized in regularly occupied areas as a passive way to reduce energy consumption. Where artificial lighting must be relied upon, specification of energy-efficient LED lighting will be prioritized. Occupancy sensors will be installed in each workspace to automatically turn off lights when the space is not occupied. The field house uses translucent glazing on 3 walls to provide diffuse natural light and reduce energy use while also reducing glare. Windows in the College of Public Health teaching spaces and the Weight room will maximize the amount of natural light.

Optimize Thermal Envelope Performance:
Investing in the facility's thermal envelope can reduce thermal bridging and lead to reduced heating and cooling demand. The insulation value for the New Student Health and Wellness Center's floors, walls, and roof meet or exceed 2009 International Energy Conservation Code minimum requirements. Double glazed windows and Insulated Translucent window panels are used throughout which contributes significantly to improving R-value thermal performance when compared to a typical window.

WATER CONSERVATION AND MANAGEMENT

Sustainable design strategies must consider implementation of on-site water-reducing strategies in an effort to reduce potable water demand. The design team will prioritize the following strategies to reduce the SH&WC's water usage:

Low water use plantings:
The plant varieties that were selected will not require supplemental irrigation after the initial establishment period; No permanent irrigation system will be installed.

Low-Flow Plumbing Fixtures:
Low flow plumbing fixtures will maximize the water-reduction impact of the municipal water demands for this building.

ECOSYSTEM IMPACT

Sustainable design makes an effort to be a "good neighbor," considerate of impacts that decisions about the project site have on the local ecosystem:

Stormwater Management:
Post-construction strategies designed to minimize overloading municipal sewer systems during and after storms include: surface and subsurface retention; permeable paving; and pervious landscape areas to reduce runoff and filter pollutants before entering the storm water system.

Reduction of Urban Heat Island Effect:
Site hardscape is shaded by preserved street trees, new plantings, or buildings to the extent possible. The, pavers, concrete and track surfacing specified have a Solar Reflectivity Index (SRI) of at least 29.

Plant Selection and Irrigation:
Plantings around the building shall be primarily regional natives and plants that are adapted to the urban conditions and tight subsurface spaces found at the site. Plant lists have been reviewed to confirm that no exotic invasive plants were specified.
The plan preserves deciduous street trees that build climate control by providing cooling shade in the summer and more sun and light after leaves drop in winter.

WORK ENVIRONMENT

Sustainable design promotes active lifestyle choices and enhances every day work environments. The Student Health and Wellness Center shall enhance the quality of Temple community's day-to-day living:

Community Building:
A running track that is on the site will be accessible to the public and will facilitate community-building and serve to bring the public, student and staff to the Student Health and Wellness Center.

Healthy Indoor Air Quality:
A key strategy for providing comfortable, healthful environment for employees and visitors is to specify paint, flooring, adhesives, and other materials that are low in VOC (volatile organic compound) emissions.

Active Lifestyle Promotion:
The facility design shall encourage active lifestyle choices through the provision of an athletic practice field and work out spaces with weight training equipment. The lobby design encourages visitors to use stairs between floors rather than taking the elevators and promote bike commuting through the provision of secured bike storage and shower facilities.

Considerate Acoustic Design:
The design team is creating an acoustic model of the field house to evaluate strategies to minimize noise transmission from the field house to the College of Public health labs. The design uses a double wall separating these two spaces as well as creating a service core zone between the field house and the labs. Acoustic sealants will be used at these walls, and acoustical gasketing on doors in an overall strategy to minimize sound transmission and improve the overall classroom environment. High quality operable sound partitions will allow flexibility in the teaching labs and still provide sound separation.

MATERIALS AND WASTE

To achieve LEED Silver certification, the project team is considering not only energy and water efficiency but also extensive use of recycled materials in the metal building structure, and multiple types of metal skin. Additional strategies contribute to the facilities approach to high performance material specification and the overall effort towards waste reduction.

Soil Erosion and Sediment Control:
Construction phase control measures are designed to prevent erosion of exposed soils during the construction.

Specification of High Performance Finishes:
Selection of high performance finishes is prioritized, with a preference for locally-sourced materials, FSC (Forest Stewardship Council) certified woods, and products with a high recycled content.

Recycling Program:
The Student Health and Wellness Center will be designed to make recycling easy and accessible through the provision of recycling and trash receptacles on the site and throughout the building.

Construction Waste Management:
The project intends to divert construction waste from landfills, targeting 75% of materials from both the demolition of pre-existing site items and from waste generated throughout the construction process to be recycled or reused.

LEED 2009 for New Construction and Major Renovations

Project Checklist

Temple Student Health & Wellness Center

6/17/2016

Sustainable Sites — Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
		3	Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
1			Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
		1	Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
1			Credit 8	Light Pollution Reduction	1

Water Efficiency — Possible Points: 10

Y	?	N			
Y			Prereq 1	Water Use Reduction—20% Reduction	
	2	2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
2	1	1	Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 35

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
1		18	Credit 1	Optimize Energy Performance	1 to 19
		7	Credit 2	On-Site Renewable Energy	1 to 7
		2	Credit 3	Enhanced Commissioning	2
2			Credit 4	Enhanced Refrigerant Management	2
3			Credit 5	Measurement and Verification	3
2			Credit 6	Green Power	2

Materials and Resources — Possible Points: 14

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		3	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
		1	Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

Indoor Environmental Quality — Possible Points: 15

Y	?	N			
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan—During Construction	1
		1	Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
	1		Credit 4.3	Low-Emitting Materials—Flooring Systems	1
1			Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
1			Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems—Lighting	1
1			Credit 6.2	Controllability of Systems—Thermal Comfort	1
		1	Credit 7.1	Thermal Comfort—Design	1
1			Credit 7.2	Thermal Comfort—Verification	1
		1	Credit 8.1	Daylight and Views—Daylight	1
1			Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

Y	?	N			
1			Credit 1.1	Innovation: Green Cleaning	1
1			Credit 1.2	Innovation: Green Education	1
		1	Credit 1.3	Exemplary Waste Management	1
	1		Credit 1.4	Exemplary Recycled Content	1
1			Credit 1.5	Exemplary Public Transit	1
1			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

Y	?	N			
1			Credit 1.1	Aternative Transportation -Bicycle storage and changing rooms	1
1			Credit 1.2	Site Development Protect or restore habitat	1
		1	Credit 1.3	Daylight and Views-daylight	1
		1	Credit 1.4	Water Use Exemplary	1

Total — Possible Points: 110

Y	?	N	
53	5	52	Total

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

BUILDING MATERIALS

The primary exterior materials are brick, metal panel and glass. These materials complement existing Campus buildings to the east and southeast, as well as complement the brick, metal panel and glass Townhomes to the west.

Brick is used as a base around three sides of the building and as a wall element at the southwest corner, along the east façade, and as a high base on the north façade.
Two types of metal panel will be used on the building, a decorative composite metal panel on the south elevation that wraps around the three story south portion of the building, and a metal building panel system with a slight corrugation pattern.

Extensive glazing is used at the southeast corner. The clear glass with low-E film will allow views into the lobby from the exterior and provide views of the proposed Climbing wall. The Glass is continued up to the offices above to enhance the sense of lightness. The metal panel along the south wall uses punched openings into the classrooms and offices to allow wall space for teaching monitors.

The metal panel and glass are intended as lighter than the heavier masonry base.

In the fieldhouse, Kalwall (Insulated translucent glazing panels) will provide day lighting into the large space while not providing a glare which can impact the student use. In addition, the panels also provide a soft glow to the outside at night which will be appealing yet will provide substantially less visual impact to neighbors to the west. The largest Kalwall panel faces the north towards campus fields.

The metal building portion will have a light colored roof standing seam metal roof that provides reflectance with enough color to minimize potential glare to the new townhomes on the west. The Front portion will have a white membrane roof to minimize heat island effect.

1 CURTAINWALL GLAZING

2 BRICK

3 DECORATIVE COMPOSITE METAL PANEL

4 BRICK AND METAL PANEL

EXISTING VIEW FROM ABOVE LACOURAS CENTER
LOOKING NORTHWEST

AERIAL FROM LACOURAS CENTER LOOKING NORTHWEST

STREET VIEW FROM 15TH AND MONTGOMERY
LOOKING NORTHWEST

VIEW FROM TRACK LEVEL LOOKING NORTH ALONG EAST SIDE

VIEW FROM 15TH STREET LOOKING NORTH ALONG EAST SIDE

VIEW OF ELEVATION FROM 15TH STREET LOOKING AT EAST SIDE

VIEW OF FROM 16TH STREET LOOKING EAST

VIEW FROM 16TH STREET LOOKING EAST

VIEW FROM 15TH STREET LOOKING SOUTHWEST

VIEW FROM 15TH STREET LOOKING AT SECONDARY FIELD HOUSE ENTRY AND LOADING

COMPLETE STREETS HANDBOOK CHECKLIST

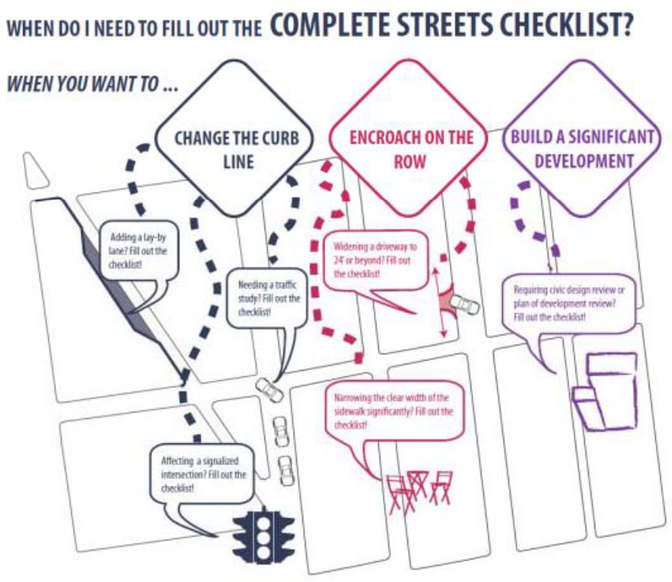
Philadelphia City Planning Commission

INSTRUCTIONS

This Checklist is an implementation tool of the *Philadelphia Complete Streets Handbook* (the "Handbook") and enables City engineers and planners to review projects for their compliance with the Handbook's policies. The handbook provides design guidance and does not supersede or replace language, standards or policies established in the City Code, City Plan, or Manual on Uniform Traffic Control Devices (MUTCD).

The Philadelphia City Planning Commission receives this Checklist as a function of its Civic Design Review (CDR) process. This checklist is used to document how project applicants considered and accommodated the needs of all users of city streets and sidewalks during the planning and/or design of projects affecting public rights-of-way. Departmental reviewers will use this checklist to confirm that submitted designs incorporate complete streets considerations (see **§**11-901 of The Philadelphia Code). Applicants for projects that require Civic Design Review shall complete this checklist and attach it to plans submitted to the Philadelphia City Planning Commission for review, along with an electronic version.

The Handbook and the checklist can be accessed at
http://www.phila.gov/CityPlanning/projectreviews/Pages/CivicDesignReview.aspx



PRELIMINARY PCPC REVIEW AND COMMENT: DATE

FINAL STREETS DEPT REVIEW AND COMMENT: DATE

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

INSTRUCTIONS (continued)

APPLICANTS SHOULD MAKE SURE TO COMPLY WITH THE FOLLOWING REQUIREMENTS:

This checklist is designed to be filled out electronically in Microsoft Word format. Please submit the Word version of the checklist. Text fields will expand automatically as you type.

All plans submitted for review must clearly dimension the widths of the Furnishing, Walking, and Building Zones (as defined in Section 1 of the Handbook). "High Priority" Complete Streets treatments (identified in Table 1 and subsequent sections of the Handbook) should be identified and dimensioned on plans.

All plans submitted for review must clearly identify and site all street furniture, including but not limited to bus shelters, street signs and hydrants.

Any project that calls for the development and installation of medians, bio-swales and other such features in the right-of-way may require a maintenance agreement with the Streets Department.

ADA curb-ramp designs must be submitted to Streets Department for review

Any project that significantly changes the curb line may require a City Plan Action. The City Plan Action Application is available at http://www.philadelphiastreets.com/survey-and-design-bureau/city-plans-unit . An application to the Streets Department for a City Plan Action is required when a project plan proposes the:

- Placing of a new street;
- Removal of an existing street;
- Changes to roadway grades, curb lines, or widths; or
- Placing or striking a city utility right-of-way.

Complete Streets Review Submission Requirement*:

- EXISTING CONDITIONS SITE PLAN, should be at an identified standard engineering scale
  - FULLY DIMENSIONED
  - CURB CUTS/DRIVEWAYS/LAYBY LANES
  - TREE PITS/LANDSCAPING
  - BICYCLE RACKS/STATIONS/STORAGE AREAS
  - TRANSIT SHELTERS/STAIRWAYS
- PROPOSED CONDITIONS SITE PLAN, should be at an identified standard engineering scale
  - FULLY DIMENSIONED, INCLUDING DELINEATION OF WALKING, FURNISHING, AND BUILDING ZONES AND PINCH POINTS
  - PROPOSED CURB CUTS/DRIVEWAYS/LAYBY LANES
  - PROPOSED TREE PITS/LANDSCAPING
  - BICYCLE RACKS/STATIONS/STORAGE AREAS
  - TRANSIT SHELTERS/STAIRWAYS

***APPLICANTS PLEASE NOTE: ONLY FULL-SIZE, READABLE SITE PLANS WILL BE ACCEPTED. ADDITIONAL PLANS MAY BE REQUIRED AND WILL BE REQUESTED IF NECESSARY**

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

GENERAL PROJECT INFORMATION

1. PROJECT NAME

   ——Temple University Student Health &Wellness Center

2. DATE

   May 3, 2016

3. APPLICANT NAME

   Tom McCreesh

4. APPLICANT CONTACT INFORMATION

   1009 W Montgomery Avenue

   Philadelphia, PA 19122

   215.204.8113

5. PROJECT AREA: list precise street limits and scope

   Bounded by North 15th Street, West Montgomery Avenue, Amos Playground and lot line sought of Polett Walkway (aka Berks Street)

6. OWNER NAME

   Temple University

7. OWNER CONTACT INFORMATION

   Same as above

8. ENGINEER / ARCHITECT NAME

   Langan/ Moody Nolan

9. ENGINEER / ARCHITECT CONTACT INFORMATION

   c/o Jayne Spector, PLA

   Langan

   30 S. 17th Street, Suite 300

   Philadelphia, PA 19103

   215-446-2936

10. STREETS: List the streets associated with the project. Complete Streets Types can be found at www.phila.gov/map under the "Complete Street Types" field. Complete Streets Types are also identified in Section 3 of the Handbook.

STREET	FROM	TO	COMPLETE STREET TYPE
N. 15th Street	**W. Montgomery Ave.**	**South of Polett Walk (aka Berks)**	**City Neighborhood**
West Montgomery Ave.	**N. 15th Street**	**N. 16th Street**	**City Neighborhood**
N. 16th Street	**W. Montgomery Ave**	**Amos Playground**	**City Neighborhood**

11. Does the **Existing Conditions** site survey clearly identify the following existing conditions with dimensions?

		YES	NO	N/A
a.	Parking and loading regulations in curb lanes adjacent to the site	☒	☐	
b.	Street Furniture such as bus shelters, honor boxes, etc.	☒	☐	☐
c.	Street Direction	☒	☐	
d.	Curb Cuts	☒	☐	☐
e.	Utilities, including tree grates, vault covers, manholes, junction boxes, signs, lights, poles, etc.	☒	☐	☐
f.	Building Extensions into the sidewalk, such as stairs and stoops	☐	☐	☒

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

APPLICANT: General Project Information

Additional Explanation / Comments: _____

DEPARTMENTAL REVIEW: General Project Information

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

PEDESTRIAN COMPONENT (Handbook Section 4.3)

12. SIDEWALK: list Sidewalk widths for each street frontage. Required Sidewalk widths are listed in Section 4.3 of the Handbook.

STREET FRONTAGE	TYPICAL SIDEWALK WIDTH (BUILDING LINE TO CURB) Required / Existing / Proposed	CITY PLAN SIDEWALK WIDTH Existing / Proposed
N. 15th Street	12' / 12' / 12'	12' / 12'
W. Montgomery Avenue	12' / 12' / 12'	12' / 12'
N. 16th Street	12' / 12'/ 12'	12' / 12'
____	____/ ____/ ____	____/ ____

13. WALKING ZONE: list Walking Zone widths for each street frontage. The Walking Zone is defined in Section 4.3 of the Handbook, including required widths.

STREET FRONTAGE	WALKING ZONE Required / Existing / Proposed
N. 15th Street	6' / 6' / 6'
W. Montgomery Avenue	6' / 6' / 6'
N. 16th Street	6' / 6' / 6'
____	____/ ____/ ____

14. VEHICULAR INTRUSIONS: list Vehicular Intrusions into the sidewalk. Examples include but are not limited to; driveways, lay-by lanes, etc. Driveways and lay-by lanes are addressed in sections 4.8.1 and 4.6.3, respectively, of the Handbook.

EXISTING VEHICULAR INTRUSIONS

INTRUSION TYPE	INTRUSION WIDTH	PLACEMENT
Driveway entrance (To be removed)	14'	N. 15th approx. 330' N. of W. Montgomery Avenue
____	____	____
____	____	____
____	____	____

PROPOSED VEHICULAR INTRUSIONS

INTRUSION TYPE	INTRUSION WIDTH	PLACEMENT
Driveway for loading area	18'	N. 15th approx. 350' N. of W. Montgomery Avenue
____	____	____
____	____	____
____	____	____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

PEDESTRIAN COMPONENT (continued)

		DEPARTMENTAL APPROVAL
15. When considering the overall design, does it create or enhance a pedestrian environment that provides safe and comfortable access for all pedestrians at all times of the day?	YES ☒ NO ☐	YES ☐ NO ☐

APPLICANT: Pedestrian Component

Additional Explanation / Comments: The existing driveway entrance is being relocated slightly to the north to accommodate loading requirement.

DEPARTMENTAL REVIEW: Pedestrian Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

BUILDING & FURNISHING COMPONENT (Handbook Section 4.4)

16. BUILDING ZONE: list the MAXIMUM, **existing and proposed** Building Zone width on each street frontage. The Building Zone is defined as the area of the sidewalk immediately adjacent to the building face, wall, or fence marking the property line, or a lawn in lower density residential neighborhoods. The Building Zone is further defined in section 4.4.1 of the Handbook.

STREET FRONTAGE	MAXIMUM BUILDING ZONE WIDTH Existing / Proposed
N. 15th Street	0' / 0'
W. Montgomery Avenue	0' / 0'
N. 16th Street	0' / 0'
_____	_____ / _____

17. FURNISHING ZONE: list the MINIMUM, **recommended, existing, and proposed** Furnishing Zone widths on each street frontage. The Furnishing Zone is further defined in section 4.4.2 of the Handbook.

STREET FRONTAGE	MINIMUM FURNISHING ZONE WIDTH Recommended / Existing / Proposed
N. 15th Street	4' / 6' / 6'
W. Montgomery Avenue	4' /6' / 6'
N. 16th Street	4' / 6' / 6'
_____	_____ / _____ / _____

				DEPARTMENTAL APPROVAL	
18. Identify proposed "high priority" building and furnishing zone design treatments that are incorporated into the design plan, where width permits (see Handbook Table 1). Are the following treatments identified and dimensioned on the plan?					
▪ Bicycle Parking	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
▪ Lighting	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
▪ Benches	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
▪ Street Trees	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
▪ Street Furniture	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
19. Does the design avoid tripping hazards?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
20. Does the design avoid pinch points? Pinch points are locations where the Walking Zone width is less than the required width identified in item 13, or requires an exception	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

BUILDING & FURNISHING COMPONENT (continued)

21. Do street trees and/or plants comply with street installation requirements (see sections 4.4.7 & 4.4.8)	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
22. Does the design maintain adequate visibility for all roadway users at intersections?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐

APPLICANT: Building & Furnishing Component

Additional Explanation / Comments: Bicycle racks, pedestrian lighting, trash and recycling receptacles, plantings and and seat walls are incorporated within the site boundaries to avoid creating additional pedestrian pinch points within the public sidewalk. Existing mature street trees to be preserved.

DEPARTMENTAL REVIEW: Building & Furnishing Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

BICYCLE COMPONENT (Handbook Section 4.5)

23. List elements of the project that incorporate recommendations of the Pedestrian and Bicycle Plan, located online at http://phila2035.org/wp-content/uploads/2012/06/bikePedfinal2.pdf

    Adequate sidewalk width allows pedestrians to walk comfortably. Minimal (1) drive entrance cross the walkway. Convenient, secure bicycle parking provided. Easy access to transit stations and bus stops.

24. List the existing and proposed number of bicycle parking spaces, on- and off-street. Bicycle parking requirements are provided in The Philadelphia Code, Section 14-804.

BUILDING / ADDRESS	REQUIRED SPACES	ON-STREET Existing / Proposed	ON SIDEWALK Existing / Proposed	OFF-STREET Existing / Proposed
Temple University Student Health & Wellness Center	**12**	**0 / 0**	**0 / 0**	**0 / 12**
____	____	____ / ____	____ / ____	____ / ____
____	____	____ / ____	____ / ____	____ / ____
____	____	____ / ____	____ / ____	____ / ____

25. Identify proposed "high priority" bicycle design treatments (see Handbook Table 1) that are incorporated into the design plan, where width permits. Are the following "High Priority" elements identified and dimensioned on the plan?

				DEPARTMENTAL APPROVAL	
▪ Conventional Bike Lane	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
▪ Buffered Bike Lane	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
▪ Bicycle-Friendly Street	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
26. Does the design provide bicycle connections to local bicycle, trail, and transit networks?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
27. Does the design provide convenient bicycle connections to residences, work places, and other destinations?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐

APPLICANT: Bicycle Component

Additional Explanation / Comments: The project provides convenient bicycle racks and showers for students and staff that use the building to encourage bicycle commuting. No changes are proposed to the roadways adjacent to the project.

DEPARTMENTAL REVIEW: Bicycle Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

CURBSIDE MANAGEMENT COMPONENT (Handbook Section 4.6)

				DEPARTMENTAL APPROVAL	
28. Does the design limit conflict among transportation modes along the curb?	YES ☒	NO ☐		YES ☐	NO ☐
29. Does the design connect transit stops to the surrounding pedestrian network and destinations?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
30. Does the design provide a buffer between the roadway and pedestrian traffic?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
31. Does the proposed plan affect the accessibility, visibility, connectivity, and/or attractiveness of public transit?				YES ☐	NO ☒

APPLICANT: Curbside Management Component

Additional Explanation / Comments: No proposed changes affect the accessibility, visibility, connectivity, and/or attractiveness of public transit.

DEPARTMENTAL REVIEW: Curbside Management Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

VEHICLE / CARTWAY COMPONENT (Handbook Section 4.7)

32. If lane changes are proposed, , identify existing and proposed lane widths and the design speed for each street frontage; **If not, go to question No. 35**

STREET	FROM	TO	LANE WIDTHS Existing / Proposed	DESIGN SPEED
____	____	____	____/____	____
____	____	____	____/____	____
____	____	____	____/____	____
____	____	____	____/____	____

				DEPARTMENTAL APPROVAL	
33. What is the maximum AASHTO design vehicle being accommodated by the design?	SU-30			YES ☐	NO ☐
34. Will the project affect a historically certified street? An inventory of historic streets[1] is maintained by the Philadelphia Historical Commission.	YES ☐	NO ☐		YES ☐	NO ☐
35. Will the public right-of-way be used for loading and unloading activities?	YES ☐	NO ☒		YES ☐	NO ☐
36. Does the design maintain emergency vehicle access?	YES ☒	NO ☐		YES ☐	NO ☐
37. Where new streets are being developed, does the design connect and extend the street grid?	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
38. Does the design support multiple alternative routes to and from destinations as well as within the site?	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
39. Overall, does the design balance vehicle mobility with the mobility and access of all other roadway users?	YES ☒	NO ☐		YES ☐	NO ☐

APPLICANT: Vehicle / Cartway Component

Additional Explanation / Comments: No changes to the cartway are proposed.

DEPARTMENTAL REVIEW: Vehicle / Cartway Component

Reviewer Comments: _____

(1) http://www.philadelphiastreets.com/images/uploads/documents/Historical_Street_Paving.pdf

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

URBAN DESIGN COMPONENT (Handbook Section 4.8)

				DEPARTMENTAL APPROVAL	
40. Does the design incorporate windows, storefronts, and other active uses facing the street?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
41. Does the design provide driveway access that safely manages pedestrian / bicycle conflicts with vehicles (see Section 4.8.1)?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐
42. Does the design provide direct, safe, and accessible connections between transit stops/stations and building access points and destinations within the site?	YES ☒	NO ☐	N/A ☐	YES ☐	NO ☐

APPLICANT: Urban Design Component

Additional Explanation / Comments: _____

DEPARTMENTAL REVIEW: Urban Design Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

INTERSECTIONS & CROSSINGS COMPONENT (Handbook Section 4.9)

43. If signal cycle changes are proposed, please identify Existing and Proposed Signal Cycle lengths; **if not, go to question No. 48.**

SIGNAL LOCATION	EXISTING CYCLE LENGTH	PROPOSED CYCLE LENGTH
Not applicable: no proposed signal cycle changes	____	____
____	____	____
____	____	____
____	____	____

				DEPARTMENTAL APPROVAL	
44. Does the design minimize the signal cycle length to reduce pedestrian wait time?	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
45. Does the design provide adequate clearance time for pedestrians to cross streets?	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
46. Does the design minimize pedestrian crossing distances by narrowing streets or travel lanes, extending curbs, reducing curb radii, or using medians or refuge islands to break up long crossings? *If yes, City Plan Action may be required.*	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
47. Identify "High Priority" intersection and crossing design treatments (see Handbook Table 1) that will be incorporated into the design, where width permits. Are the following "High Priority" design treatments identified and dimensioned on the plan?				YES ☐	NO ☐
▪ Marked Crosswalks	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
▪ Pedestrian Refuge Islands	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
▪ Signal Timing and Operation	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
▪ Bike Boxes	YES ☐	NO ☐	N/A ☐	YES ☐	NO ☐
48. Does the design reduce vehicle speeds and increase visibility for all modes at intersections?	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐
49. Overall, do intersection designs limit conflicts between all modes and promote pedestrian and bicycle safety?	YES ☐	NO ☐	N/A ☒	YES ☐	NO ☐

APPLICANT: Intersections & Crossings Component

Additional Explanation / Comments: No changes are proposed for intersections and crossings adjacent to the project.

DEPARTMENTAL REVIEW: Intersections & Crossings Component

Reviewer Comments: _____

COMPLETE STREETS HANDBOOK CHECKLIST

Philadelphia City Planning Commission

ADDITIONAL COMMENTS

APPLICANT

Additional Explanation / Comments: _____

DEPARTMENTAL REVIEW

Additional Reviewer Comments: _____