



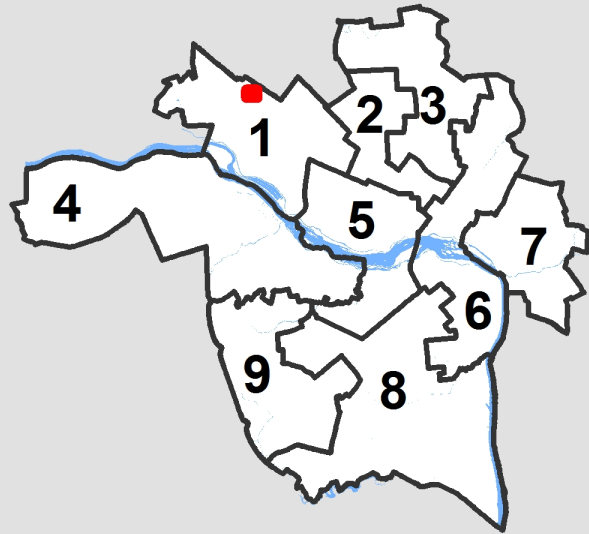
City of Richmond Department of Planning & Development Review

Location, Character, and Extent

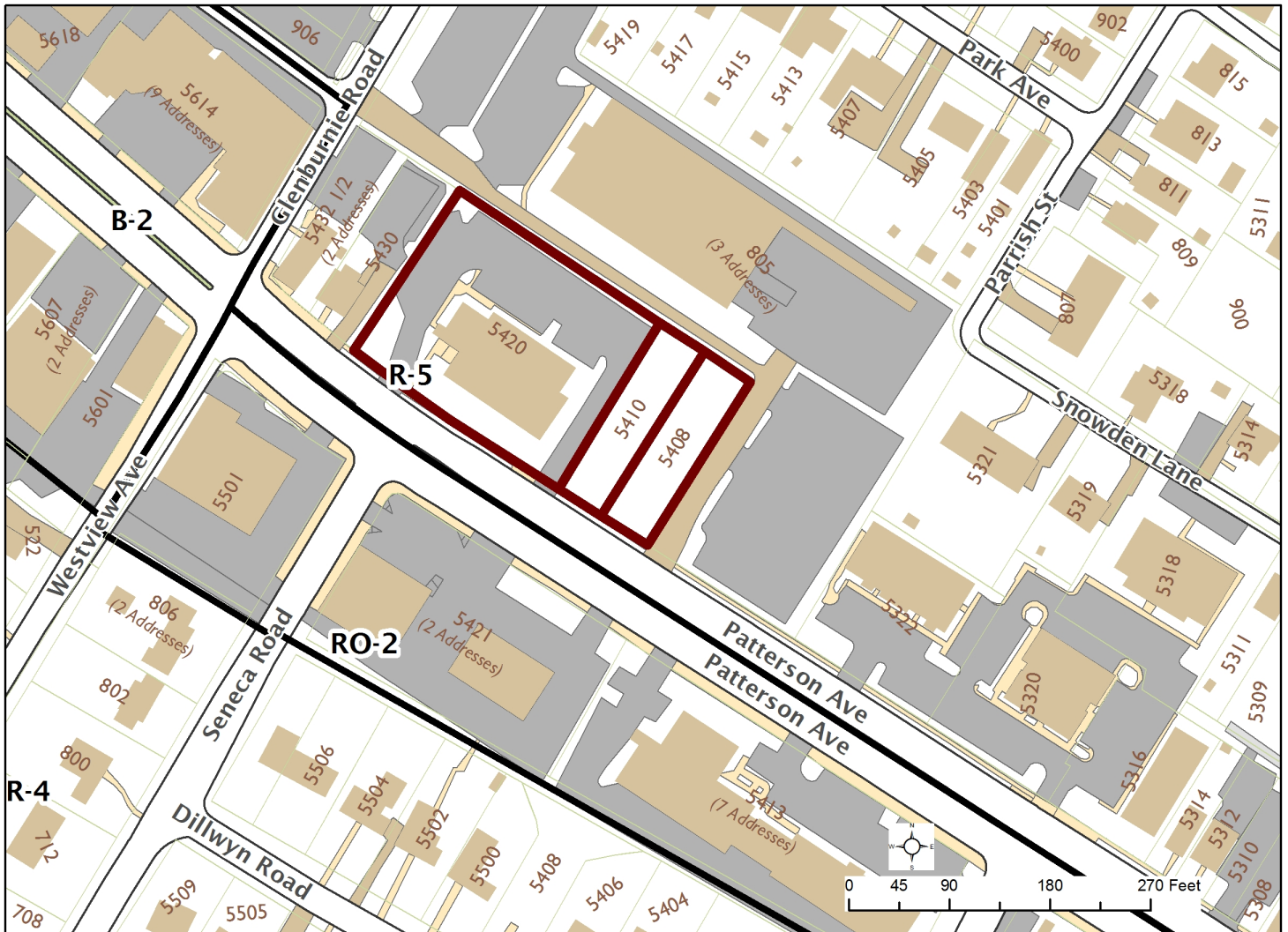
LOCATION: 5420 Patterson, West End Branch Library

COUNCIL DISTRICT: 1

PROPOSAL: To renovate & expand the West End Branch Library building and make site improvements.



For questions, please contact Kathleen Onufer at 646-5207 or Kathleen.Onufer@richmondgov.com





Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review
Planning & Preservation Division
900 E. Broad Street, Room 510
Richmond, Virginia 23219
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

Application Type

- Addition/Alteration to Existing Structure
 New Construction
 Streetscape
 Site Amenity

- Encroachment
 Master Plan
 Sign
 Other

Review Type

- Conceptual
 Final

Project Name: West End Branch Library Renovation and IT Upgrades Project

Project Address: 5420 Patterson Ave.1000

Brief Project Description (this is not a replacement for the required detailed narrative) : 1000 square foot addition to existing library building, new driveway, parking, and entrance improvements, new lighting, landscaping, plantings, HVA/C improvements, and new generator and enclosure per attached Plan Drawings and Specifications.

Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: Claes Tholand Email: Claes.Tholand@richmondgov.com

City Agency: Special Capital Projects Group Phone: (804) 646-5076

Address: Room 602, 900 E Braod Street

Main Contact (if different from Applicant): _____

Company: _____ Phone: _____

Email: _____

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.**

Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **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.**

UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission 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.



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Submission Requirements

- 9 copies of the application cover sheet and all support materials (see below), unless the application is for an encroachment, in which case only 4 copies are required. Plan sheets should be 11" x 17", folded to 8 1/2" x 11". If it is not possible to scale plans to these dimensions, please provide one set of larger, scaled plans.
- An electronic copy (PDF preferred) of all application materials, which can be burned to disc, emailed, or delivered by FTP.

All applications must include the attached cover sheet and the following support materials, as applicable to the project:

For Conceptual Review

- A detailed project narrative which includes the following: purpose of the project, project background, project budget and funding sources, description of construction program and estimated construction start date (description should also provide information on the surrounding area to provide context).
- 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.
- A landscaping plan which shows the general location and character of plant materials and notes any existing tree to be removed.

For Final Review

- A detailed project narrative which includes the following: purpose of the project, project background, project budget and funding sources, description of construction program and estimated construction start date (description should also provide information on the surrounding area to provide context).
- 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.
- 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 compile 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. The applicant or a representative should be present at the UDC meeting 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 at the meeting (if the applicant and the representative are not the same). Once the UDC recommends action on the application, it is automatically placed on the agenda for the next City Planning Commission (CPC) meeting. An exception to this is encroachment applications, recommendations for which are forwarded to the Department of Public Works. The applicant or a representative must be present at the CPC meeting or the application may be deferred to the next regularly scheduled meeting.

February 10, 2016

Urban Design Committee
900 East Broad Street, Room 510
Richmond, VA 23219

Re: Richmond Public Libraries
West End Branch Library, Addition and Renovation
UDC Narrative

Dear Committee:

The West End Branch Library is located at 5420 Patterson Ave., in Richmond. The existing building is approximately 7,400 square feet and was constructed in 1977. The proposed addition is approximately 1,250 square feet. The main purpose of the renovation and addition is to reorganize and improve the interior of the library to meet the needs of a modern facility. The addition will create additional space badly needed at this branch. The City purchased two lots adjacent to the library which are currently sitting empty and unutilized. This will allow for the addition and associated site work on the east side. The addition itself is contained within the setbacks of the original library property.

Site work will include moving the eastern driveway farther to the east to make room for the addition. The western access drive will remain. This western access drive allows for both left and right turns as it currently has a curb cut. The eastern drive (existing and proposed) only allows right turns and it is too close to other intersections to permit a new curb cut. The proposed new driveway location is driven by the locations of an existing utility pole to the west and three existing oak trees to the east of the proposed location. Also moving the driveway as far east as possible allows the library to make better use of the green space as it will be adjacent to the building rather than across a drive. This configuration will also allow expansion in the future should the need ever arise. Other site work includes the addition of three parking spaces to replace two that will be taken by a new generator, and one which will be converted to a landscape island to comply with current City parking lot design standards. The generator will be screened with a 6 feet high PVC privacy fence similar to what has been done at other branch libraries. A new patio will be added to the north of the proposed addition to be used as outdoor space for the library.

Site lighting for the parking lot and driveways will be replaced at the library's request as the parking lot is currently dark. LED fixtures are proposed for the parking lot lighting for energy savings and lower maintenance.

Landscaping will include new plantings for the disturbed area around the addition and proposed driveway. Existing established landscaping around the building will be left in place except as

noted. Three existing smaller trees on the south (Patterson Ave.) side of the building are proposed to be removed. The removal of these trees was requested by the Library as they are too close to the building and have grown into the roof. These trees are shown on the submitted drawings on the site and landscape plans and labeled in the photos on sheet A-001 (photos C2 and C4). Note that four street trees have recently been planted by the City in the curb lawn along Patterson Avenue in front of the library just to the south of these smaller trees. These are noted on the submitted site and landscape drawings. Three crape myrtles will be removed from the east end of the building in order to construct the addition. Also to be removed is a diseased maple from one of the purchased properties. This site was reviewed with Urban Forestry several years ago during planning phases and it was requested that this tree be removed. This tree is pictured in the photo on drawing sheet C-101. Efforts were made where possible to save significant trees on the sites. As mentioned above, three existing oak trees just to the east of the proposed drive will be saved and a very large oak just to the south east of the existing drive will be saved. The addition and driveway were designed around these trees in an effort to preserve them. All trees to the west and southwest of the building will be left in place.

New landscaping plantings were chosen to match what has been planted at other library branches during recent renovations. Native species are proposed where practical to minimize water usage. Larger trees are proposed for the new parking lot island and along the new drive (away from the existing oaks).

The existing bike rack, pictured in photo C1 on sheet A-001 and located on the floor plan on sheet A-101, will remain at the request of Richmond Public Libraries. This bike rack was installed two to three years ago and matches some of the bike racks used on other branches at the time. As the other branches are not replacing theirs, the Library requested that this one remain. The existing rack is fairly new and is in excellent condition.

Improvements to the exterior of the existing building will include replacement of existing deteriorated painted wood siding with new metal panels. Richmond Public Libraries has requested that the wood siding be replaced as it lends a dated appearance to the building and has become a maintenance issue because of moisture damage and the requirement to keep it painted. The metal panels will be a cost effective way to clad the building in materials that will not require painting and maintenance. All brick portions of the building will remain and will be cleaned as part of the project. The existing standing seam metal roof will be replaced in kind.

The addition is designed to match the configuration, scale and materials of the existing building where it is attached. The roof slope, height and materials were chosen to match or complement the existing building. Glass is proposed on the north and south elevations of the addition in order to improve interior natural light and visibility from outside. New brick will match the existing building's brick.

A small vestibule is proposed under the existing canopy on the west end in order to improve interior traffic flow and energy efficiency. A small part of the canopy will be enclosed with

storefront matching the existing storefront entrance in that location and the addition on the opposite end.

At the request of the Library, the existing building mounted letters will be removed as they are not legible from the street. Additionally, at their request, the pole mounted sign will be removed as it is damaged and out of date. A new ground mounted sign is proposed just to the east of the western driveway. This sign will be made of brick and metal panels to match the building and will feature dimensional letters. The proposed sign is shown on drawing sheet A-201 and its location is shown on sheet C-104.

Please feel free to contact me should you have any questions.

Sincerely,
Austin Brockenbrough & Associates, LLP

A handwritten signature in black ink, appearing to read "Paul W. Shope Jr.", written in a cursive style.

Paul W Shope Jr, AIA
Architect



RICHMOND PUBLIC LIBRARIES TECHNOLOGY UPGRADES AND LIBRARY RENOVATIONS

CITY INFRASTRUCTURE IMPROVEMENT PROGRAM
CITY OF RICHMOND, VIRGINIA

WEST END BRANCH LIBRARY

5420 PATTERSON AVENUE
RICHMOND, VIRGINIA

URBAN DESIGN COMMITTEE SUBMITTAL

DESIGN TEAM

ARCHITECTS

AUSTIN BROCKENBROUGH & ASSOCIATES

1011 BOULDER SPRINGS DRIVE, SUITE 200
RICHMOND, VIRGINIA 23225
(804) 592-3900 FAX (804) 592-3901

IN ASSOCIATION
WITH

QUINN EVANS ARCHITECTS

219 1/2 N. MAIN STREET
ANN ARBOR, MICHIGAN 48104
(734) 663-5888

CIVIL ENGINEERS

AUSTIN BROCKENBROUGH
& ASSOCIATES, LLP
1011 BOULDER SPRINGS DRIVE, SUITE 200
RICHMOND, VIRGINIA 23225

LANDSCAPE DESIGN

SNEAD ASSOCIATES, P.C.
8005 CREIGHTON PARKWAY, NO. 703
MECHANICSVILLE, VIRGINIA 23111
(804) 649-8500 FAX (804) 240-7823

INDEX OF DRAWINGS	
DRAWING NUMBER	DRAWING TITLE
GENERAL	
G-001	COVER SHEET
CIVIL	
C-101	EXISTING CONDITIONS AND DEMO PLAN
C-104	LAYOUT PLAN
ELECTRICAL SITE LIGHTING	
CE101	SITE LIGHTING PLAN
LANDSCAPE	
L-101	LANDSCAPE PLAN
L-201	LANDSCAPE PLANT PHOTO SHEET
ARCHITECTURAL	
A-001	EXISTING PHOTOS
A-101	FLOOR PLAN
A-201	EXTERIOR ELEVATIONS & SIGN ELEVATIONS

DATE	BY	REVISIONS
2/4/16 <td>JRW <td>AS NOTED</td> </td>	JRW <td>AS NOTED</td>	AS NOTED

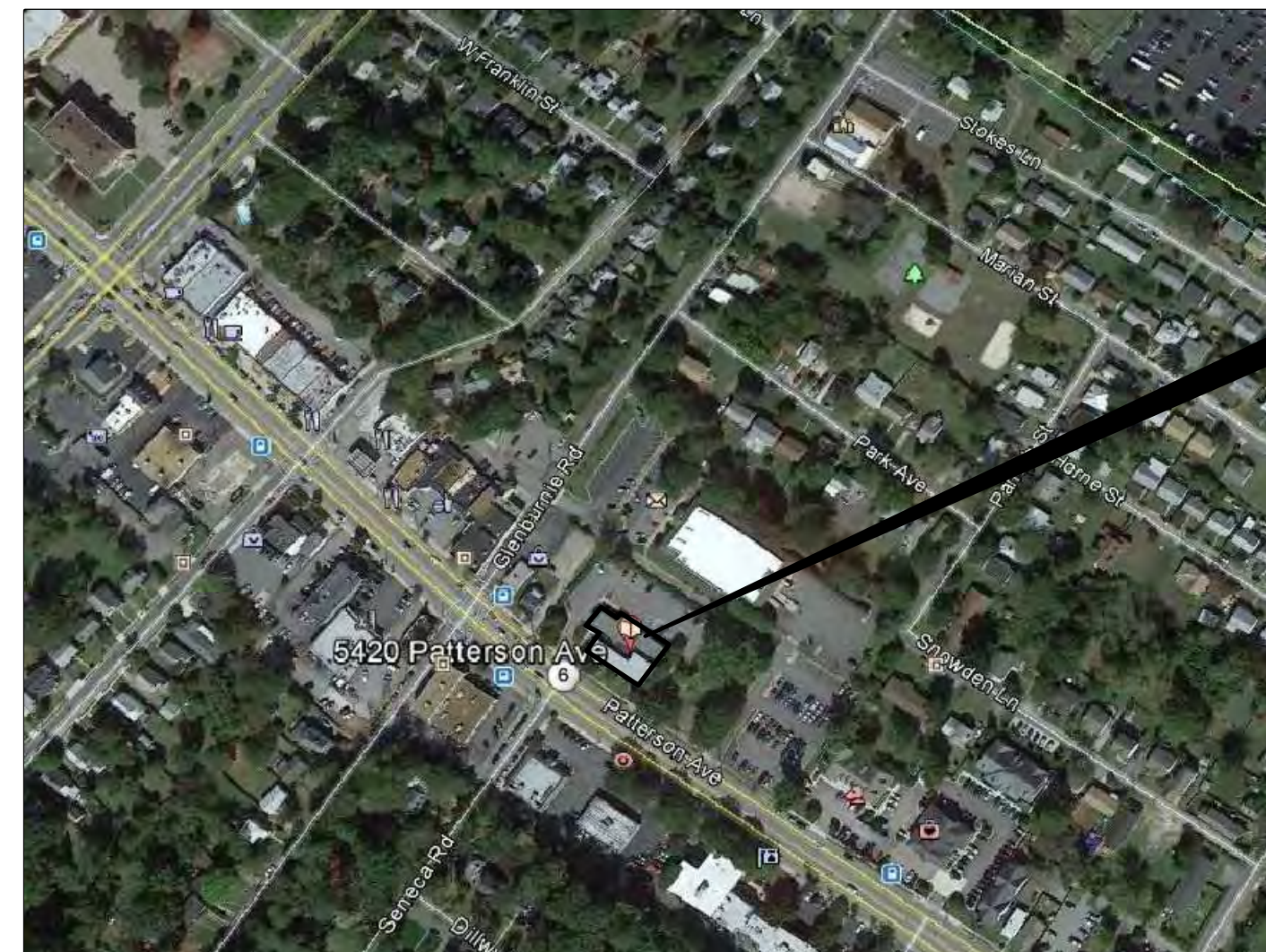
Austin Brockenbrough
ENGINEERING + CONSULTING
1011 Boulder Springs Drive, Suite 200 | Richmond, Virginia 23225
804.592.3900 main | 804.592.3901 fax
www.brockenbrough.com

COVER SHEET
UPGRADES AND RENOVATIONS TO
WEST END BRANCH LIBRARY
RICHMOND PUBLIC LIBRARIES

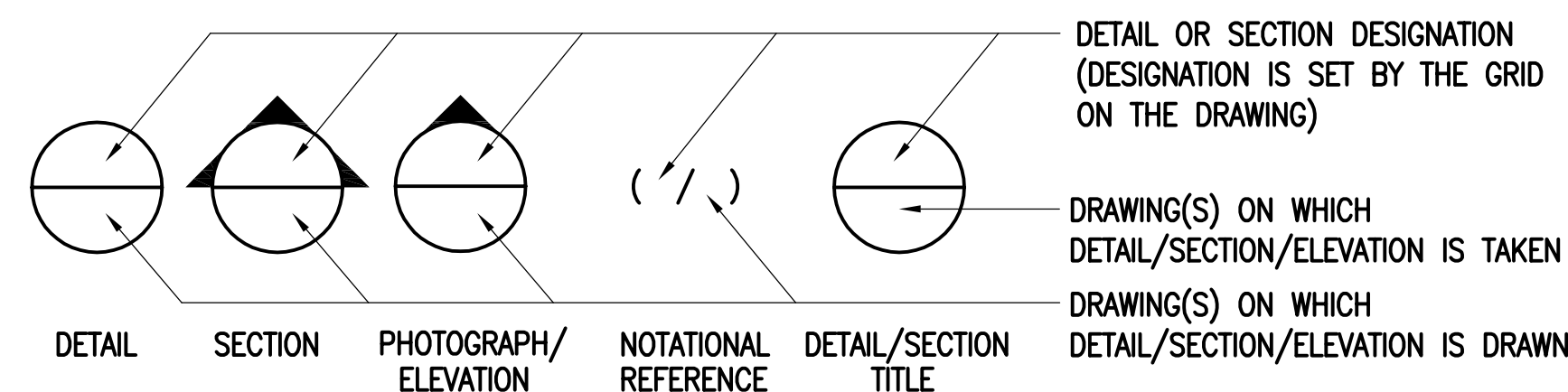
UDC
SUBMITTAL
2/4/16
SHEET 1 OF 9
G-001

CONTACT INFORMATION

- ARCHITECT/ENGINEER
AUSTIN BROCKENBROUGH & ASSOCIATES, LLP
1011 BOULDER SPRINGS DRIVE, SUITE 200
RICHMOND, VA 23225
PAUL W. SHOPE, JR., AIA LEED AP
(804) 592-3900 FAX (804) 592-3901
pshope@brockenbrough.com



LOCATION MAP
NO SCALE



BUBBLE SYMBOLS

FILE NAME: C:\13 Jobs\13-034.06 West End Branch Library - Richmond\Submittals\UDC submittal\CAD\C-101-EXIST.dwg LAYOUT NAME: EXISTING CONDITIONS AND DEMO PLAN PLOTTED: Thursday, February 04, 2016 - 1:46pm USER: gpadiner

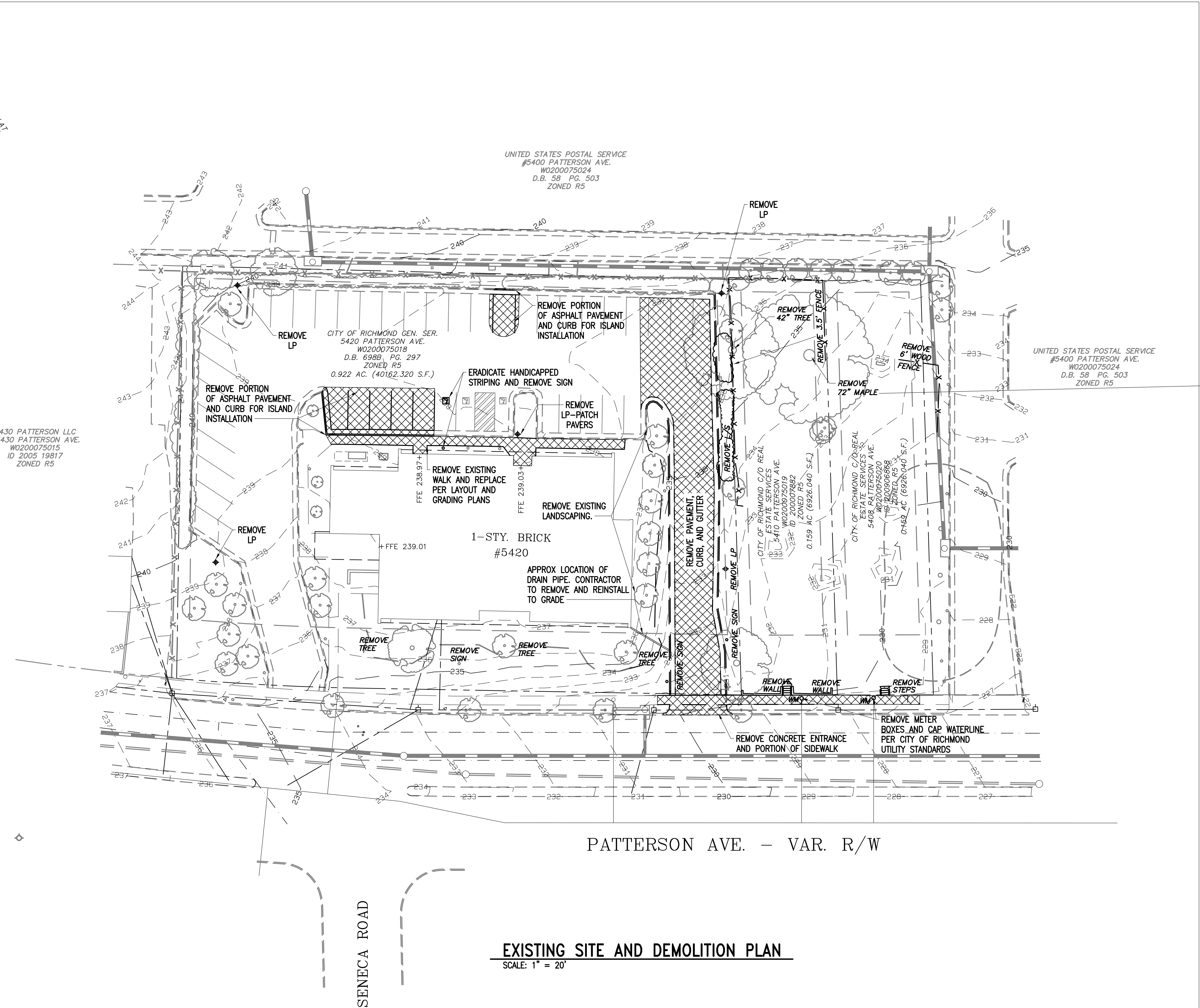
SURVEY LEGEND AND NOTES

- EXISTING LEGEND:**
- FFE FINISHED FLOOR ELEVATION
 - AC AIR COND. UNIT
 - CO CLEANOUT
 - G/L GAS LINE
 - L/S LANDSCAPING
 - OH OVERHANG
 - OHW OVERHEAD WIRE
 - PP POWER POLE
 - P/F PIPE FOUND
 - RD ROOF DRAIN
 - R/F ROD FOUND
 - SAN SANITARY LINE
 - W/L WATER LINE
 - STORM SEWER
 - WM WATER METER
 - MH MANHOLE
 - DI DROP INLET
 - LHT/F LEAD HUB & TACK FOUND
 - R/F ROD FOUND
 - R/S ROD SET
 - STONE/P STONE FOUND
 - TPED TELEPHONE PEDESTAL
- ASPHALT

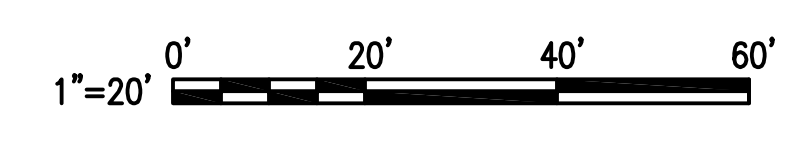
NOTES:
 BUILDING SETBACKS:
 FRONT = 25'
 SIDE = 5'
 REAR = 5'
 PARKING REQUIRED:
 10 SPACES + 1 PER 300 SF OVER 2000 SF
 35% MAX. LOT COVERAGE



PHOTO: DISEASED MAPLE TO BE REMOVED
 SCALE: NO SCALE



EXISTING SITE AND DEMOLITION PLAN
 SCALE: 1" = 20'



CLIENT	RICHMOND
DESIGN	KDS
APPROVED	KDS
DATE	2/4/16
SCALE	AS NOTED
REVISIONS	

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 ENGINEERING + CONSULTING
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www.brockenbrough.com

EXISTING CONDITIONS AND DEMO PLAN
UPGRADES AND RENOVATIONS TO WEST END BRANCH LIBRARY
 RICHMOND PUBLIC LIBRARIES

UDC SUBMITTAL 2/4/16

LAYOUT NOTES

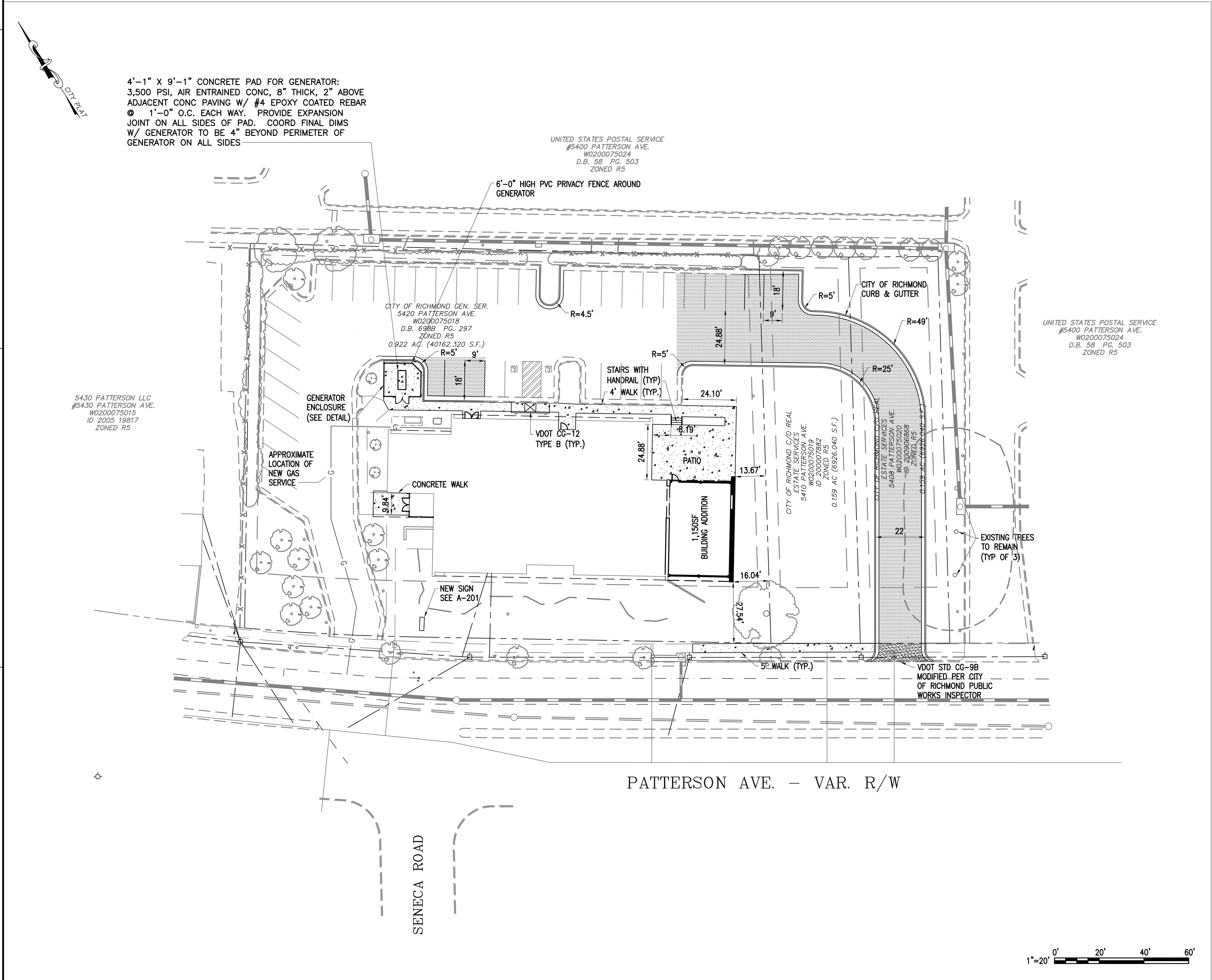
1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. CONTRACTOR MUST COORDINATE WITH CITY OF RICHMOND DEPARTMENT OF PUBLIC WORKS PRIOR TO AND DURING INSTALLATION OF ENTRANCE ONTO PATTERSON AVENUE. FOR MODIFICATIONS TO VDOT STD CG-9B TO MEET CITY STANDARDS
3. SEAL COAT AND RESTRIPE EXISTING PARKING.

CLIENT	RICHMOND
DESIGN	KDS
APPROVED	KDS
DATE	2/4/16
SCALE	AS NOTED
DATE	
REVISIONS	
NO.	

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804.592.3900 main | 804.592.3901 fax
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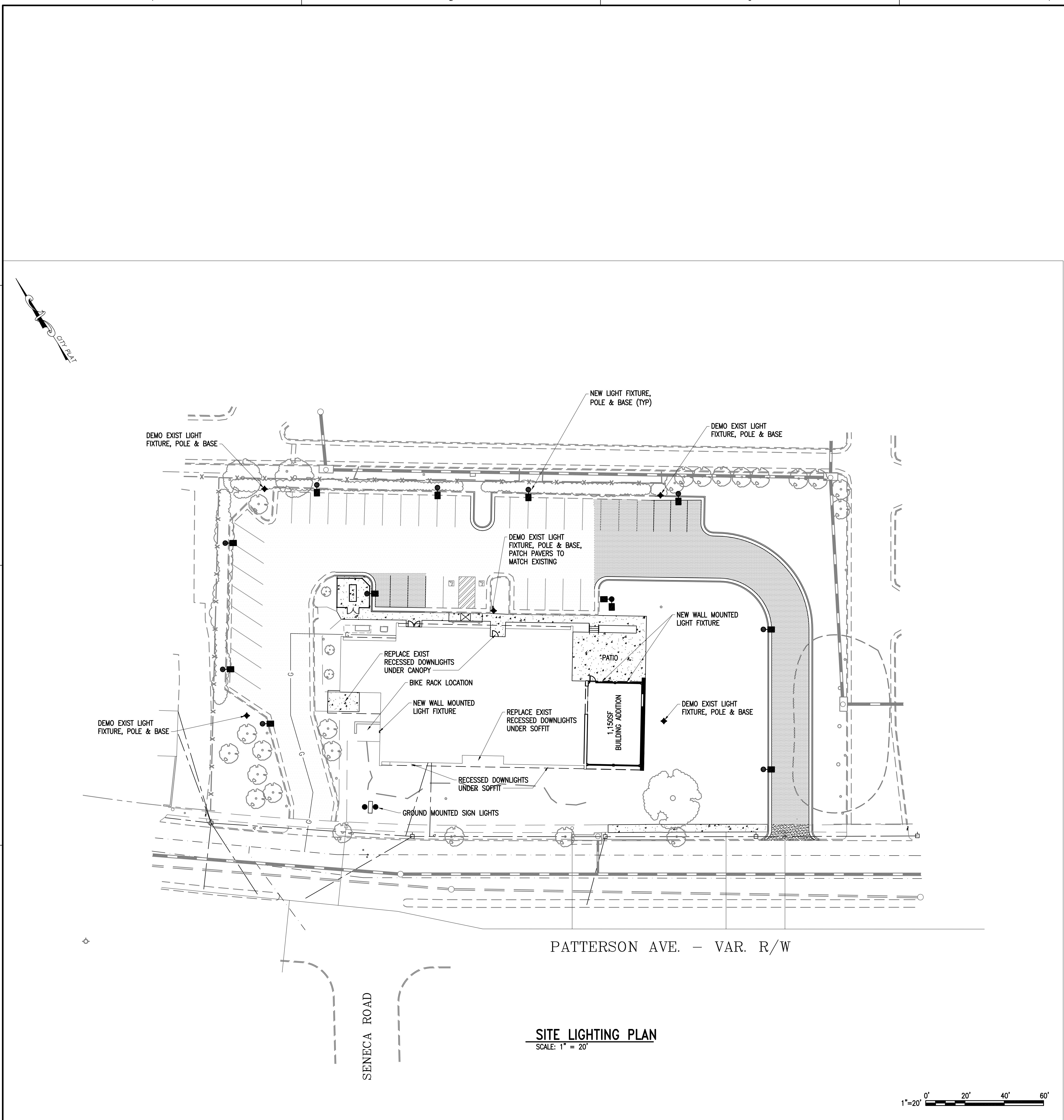
LAYOUT PLAN
UPGRADES AND RENOVATIONS TO WEST END BRANCH LIBRARY
RICHMOND PUBLIC LIBRARIES
RICHMOND VIRGINIA

UDC SUBMITTAL 2/4/16
SHEET 3 OF 9
C-104

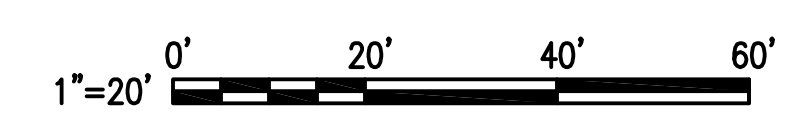


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FILE NAME: G:\13 Jobs\13-03406 West End Branch Library - Richmond\Submittals\016-02-04 UDC Submittal\CAD\CE101 SITE LIGHTING PLAN.dwg LAYOUT NAME: CE101 SITE LIGHTING PLAN PLOTTED: Thursday, February 11, 2016 - 6:03pm USER: gschaefer



SITE LIGHTING PLAN
SCALE: 1" = 20'

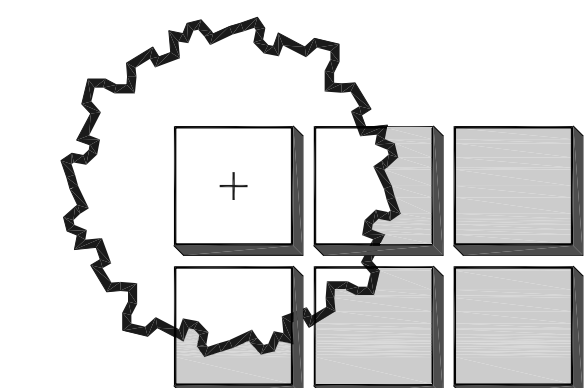


**PROPOSED EXTERIOR
POLE MOUNTED LED LIGHT**
SCALE: NO SCALE



**PROPOSED EXTERIOR
WALL MOUNTED LED LIGHT**
SCALE: NO SCALE

DRAWN	PMS	RICHMOND
DESIGN	CHM	JOB NO. 13-034.06
APPROVED	CHM	DATE 2/4/16
C.C. REVIEW	CHM	SCALE
NO.	JRW	AS NOTED
DATE		
REVISIONS		
Austin Brockenbrough ENGINEERING + CONSULTING 1011 Boulder Springs Drive, Suite 200 Richmond, Virginia 23225 804.592.3900 main 804.592.3901 fax www.brockenbrough.com		
VIRGINIA UPGRADES AND RENOVATIONS TO WEST END BRANCH LIBRARY RICHMOND PUBLIC LIBRARIES		
RICHMOND SITE LIGHTING PLAN UDC SUBMITTAL 2/4/16		
SHEET 4 OF 9 CE101		



Snead Associates, P.C.
 •Landscape Architecture•
 •Land Use Planning•
 8005 Creighton Pkwy #703
 Mechanicsville, VA 23111
 Cell(804)240-7823 Office(804) 649-8500

CLIENT	RICHMOND
JOB NO.	KOS 13-034.06
DATE	1/27/16
SCALE	###
AS NOTED	

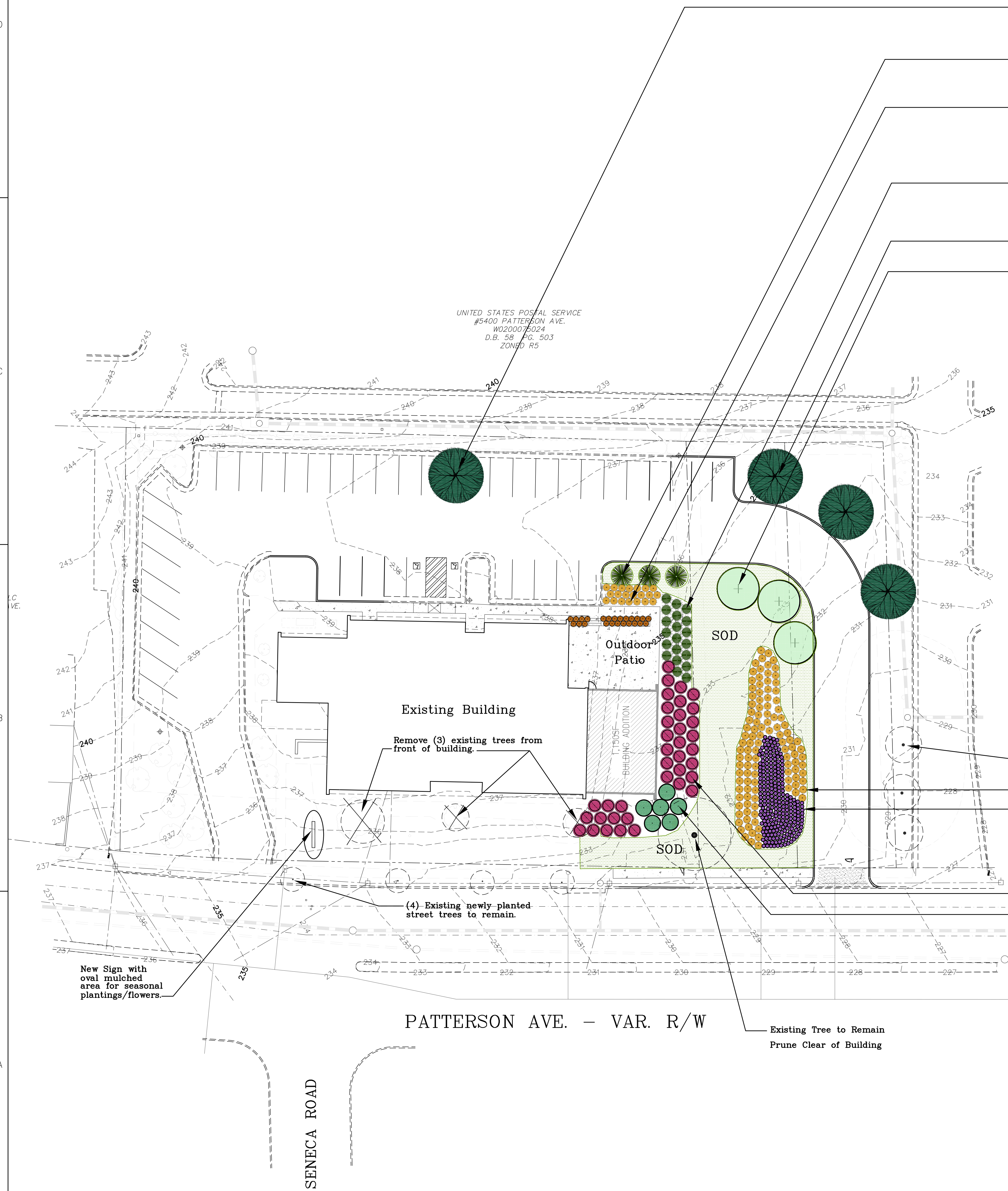
- Black Gum
- Black Gum
- Emerald Green Arborvitae
- Fountain Grass
- Indian Hawthorne
- Black Gum
- Natchez White Crape Myrtle

PLANT LIST

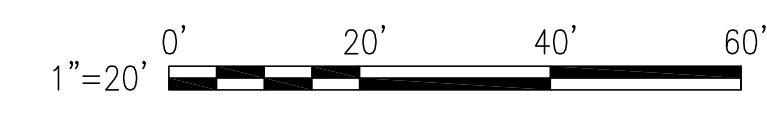
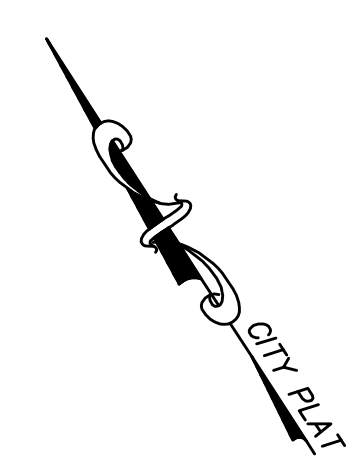
Note: This Project Includes an Underground Irrigation System.

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES/SPACING
TREES					
A	4	<i>Nyssa sylvanica</i>	Black Gum	2-1/2" Caliper	B & B, Specimen, Spacing as shown
B	3	<i>Lagerstroemia indica</i> 'Natchez'	Natchez White Crape Myrtle	10-12' Ht.	B & B, Multi-Stem, 15' O.C.
C	3	<i>Thuja occidentalis</i> 'Emerald Green'	Emerald Green Arborvitae	4'-5' HT.	Container, As Shown
SHRUBS					
D	21	<i>Raphiolepis indica</i>	Indian Hawthorne	5 Gallon	Container, 4' O.C.
E	37	<i>Rosa</i> spp 'Red Knock Out'	Red Knock Out Rose	3 Gallon	Container, 4' O.C.
F	6	<i>Hydrangea macrophylla</i> 'Limelight'	Limelight Hydrangea	3 Gallon	Container, 3' O.C.
GROUNDCOVERS & PERENNIALS					
G	250	<i>Acorus gramineus</i> 'Variegatus'	Sweet Flag	1 Gallon	Container, 12" O.C.
H	133	<i>Pennisetum alopecuroides</i>	Fountain Grass	1 Gallon	Container, 2' O.C.
I	24	<i>Calamagrostis</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 Gallon	Container, 3' O.C.
Sod	500SY	Turf Type Tall Fescue	Turf Type Tall Fescue		

Note: This Project Includes an Underground Irrigation System.



- Existing Tree to Remain (Typ)
- Fountain Grass
- Sweet Flag
- Red Knockout Rose
- Limelight Hydrangea



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LANDSCAPE PLAN
**UPGRADES AND RENOVATIONS TO
 WEST END BRANCH LIBRARY**
 RICHMOND PUBLIC LIBRARIES

Design Development
 1/27/16



Nyssa sylvatica
Black Gum



Lagerstroemia indica 'Natchez'
Natchez White Crapemyrtle



Thuja occidentalis 'Emerald Green'
Emerald Green Arborvitae



Rhamphiolepis indica
Indian Hawthorn



Rosa spp. 'Red Knockout'
Red Knockout Rose



Hydrangea macrophylla 'Limelight'
Limelight Hydrangea



Acorus gramineus 'Variegata'
Sweet Flag



Pennisetum alopecuroides
Fountain Grass



Calamagrostis 'Karl Foerster'
Feather Reed Grass

NO.	REVISIONS	DATE	SCALE	DATE	JOB_NO	CLIENT

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LANDSCAPE_PLANT_PHOTO_SHEET
UPGRADES_AND_RENOVATIONS_TO
WEST_END_BRANCH_LIBRARY
RICHMOND_PUBLIC_LIBRARIES
RICHMOND VIRGINIA



EXISTING BIKE RACK TO REMAIN

C1
A-001 **PHOTO: WEST SIDE**
SCALE: NO SCALE



EXISTING SIGN TO BE REMOVED

EXIST SIGNAGE TO BE REMOVED

WOOD SIDING TO BE REPLACED WITH METAL PANELS - SEE ELEVATIONS (TYP)

TREE TO BE REMOVED DUE TO PROXIMITY TO ROOF AND BUILDING - REMAINDER OF LANDSCAPING TO REMAIN

C2
A-001 **PHOTO: SOUTH (PATTERSON AVE.) SIDE**
SCALE: NO SCALE



REMOVE TREE DUE TO PROXIMITY TO ROOF AND BUILDING - REMAINDER OF LANDSCAPING TO REMAIN

C4
A-001 **PHOTO: SOUTH (PATTERSON AVE.) SIDE**
SCALE: NO SCALE



OAK TREE IN FOREGROUND TO REMAIN

ADDITION TO BE LOCATED HERE

A2
A-001 **PHOTO: EAST SIDE**
SCALE: NO SCALE



WOOD SIDING TO BE REPLACED WITH METAL PANELS - SEE ELEVATIONS (TYP)

A3
A-001 **PHOTO: NORTH SIDE**
SCALE: NO SCALE

CLIENT	RICHMOND
DESIGN	PMS
APPROVED	PMS
DATE	2/4/16
SCALE	AS NOTED
REVISIONS	
DATE	
NO.	

Austin Brockenbrough
ENGINEERING + CONSULTING
1011 Boulder Springs Drive, Suite 200 | Richmond, Virginia 23225
804.592.3900 main | 804.592.3901 fax
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EXISTING PHOTOS
UPGRADES AND RENOVATIONS TO WEST END BRANCH LIBRARY
RICHMOND PUBLIC LIBRARIES

UDC SUBMITTAL 2/4/16
SHEET 7 OF 9
A-001

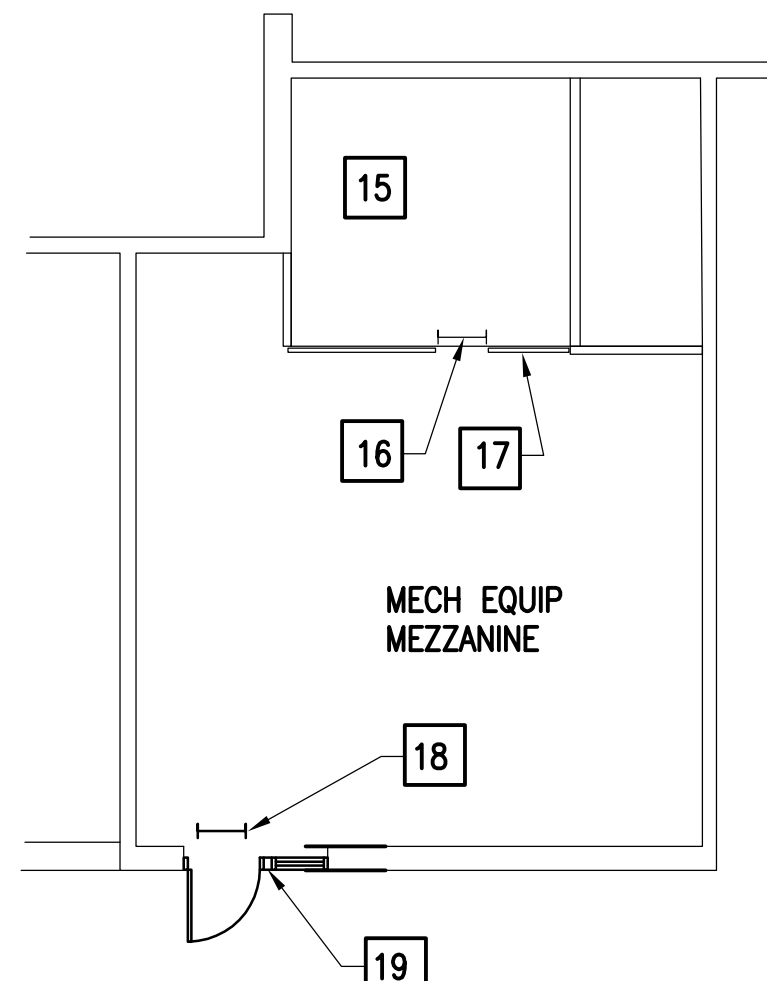
D

C

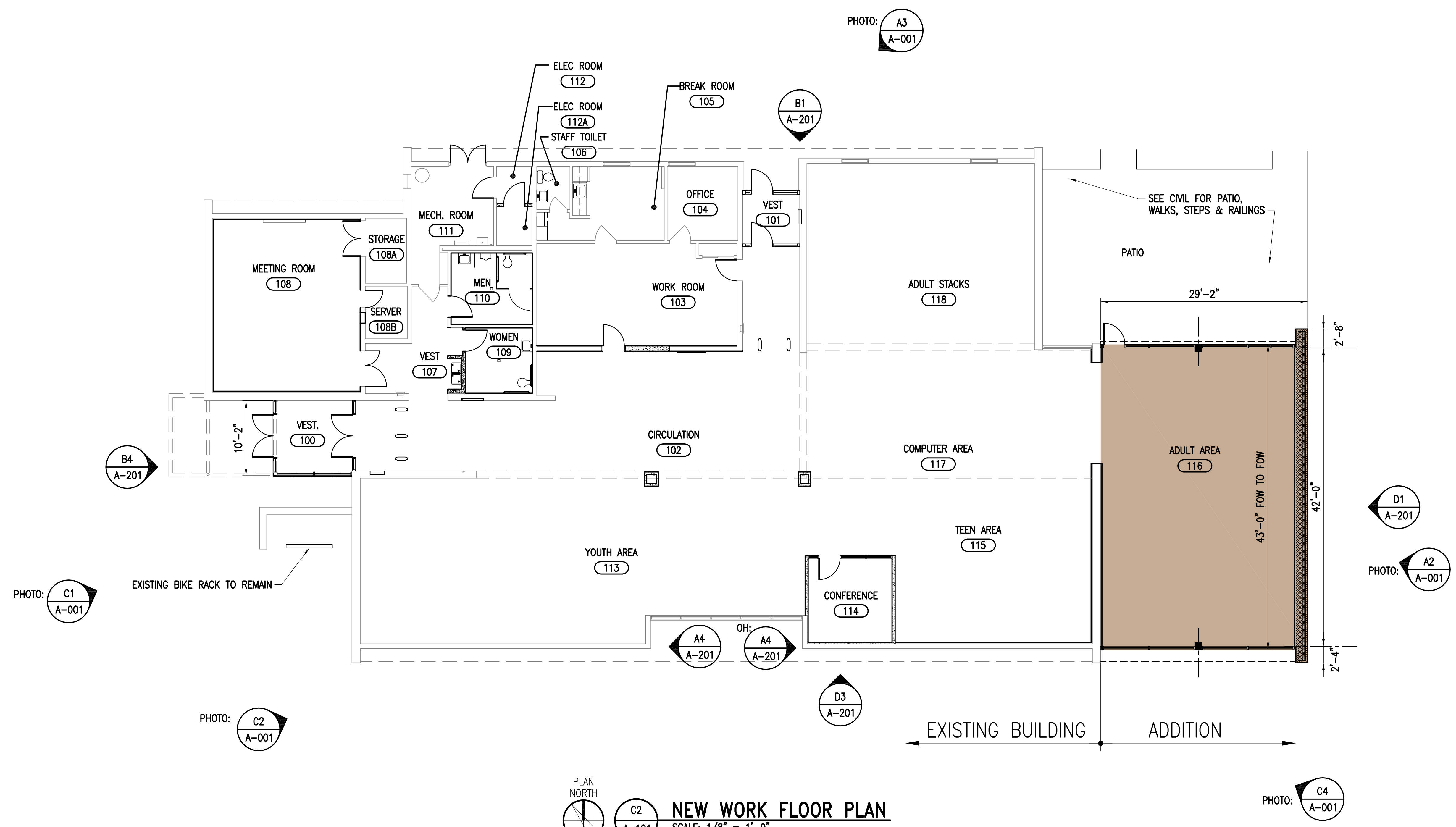
B

A

PLAN NORTH
**MECH EQUIP MEZZANINE
 NEW WORK FLOOR PLAN**
 SCALE: 1/8" = 1'-0"



PLAN NORTH
NEW WORK FLOOR PLAN
 SCALE: 1/8" = 1'-0"



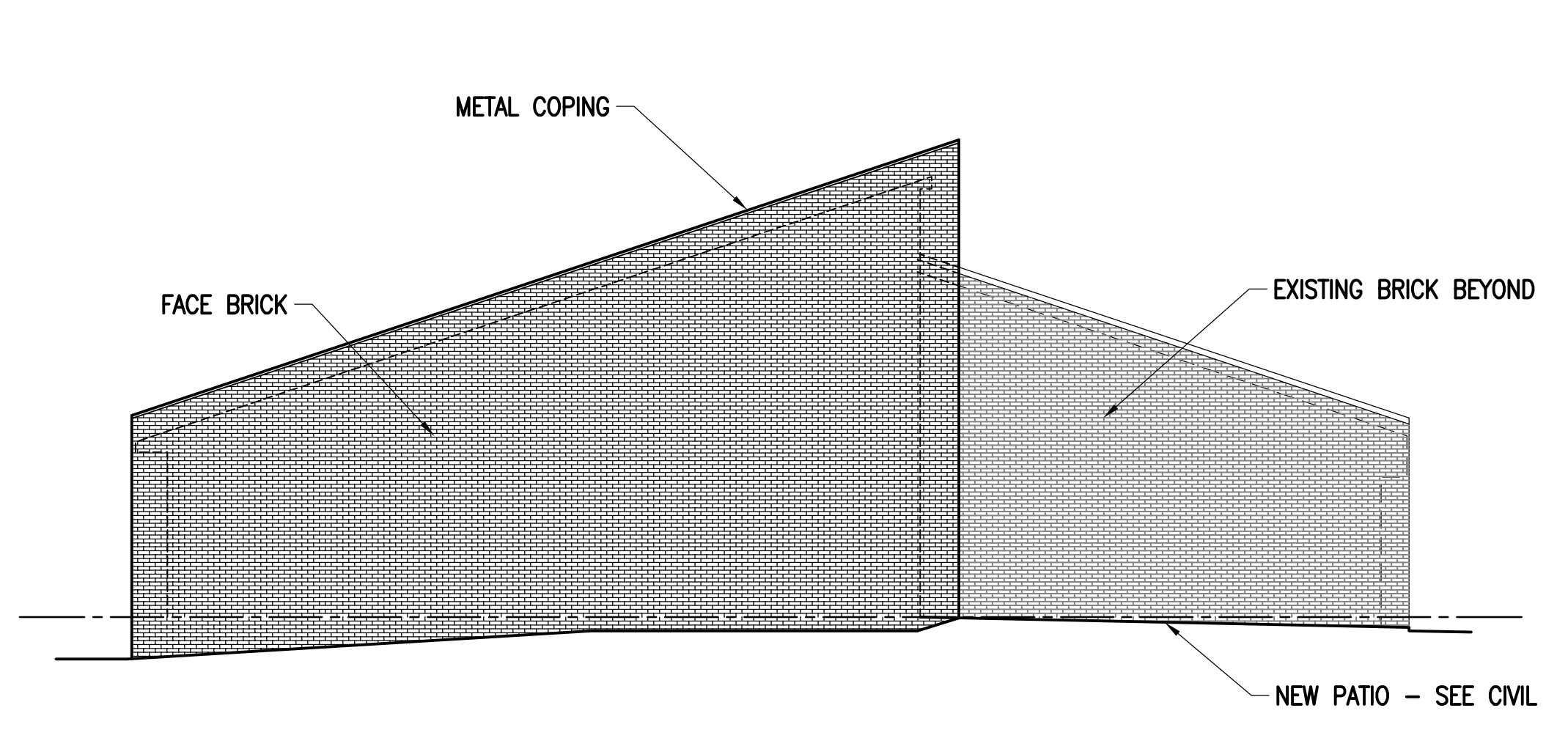
1/8"=1'-0" 0' 4' 8' 16' 24'

CLIENT	RICHMOND
DRAWN	JRW
DESIGN	PMS
APPROVED	PMS
DATE	2/4/16
SCALE	AS NOTED
DATE	
REVISIONS	
NO.	

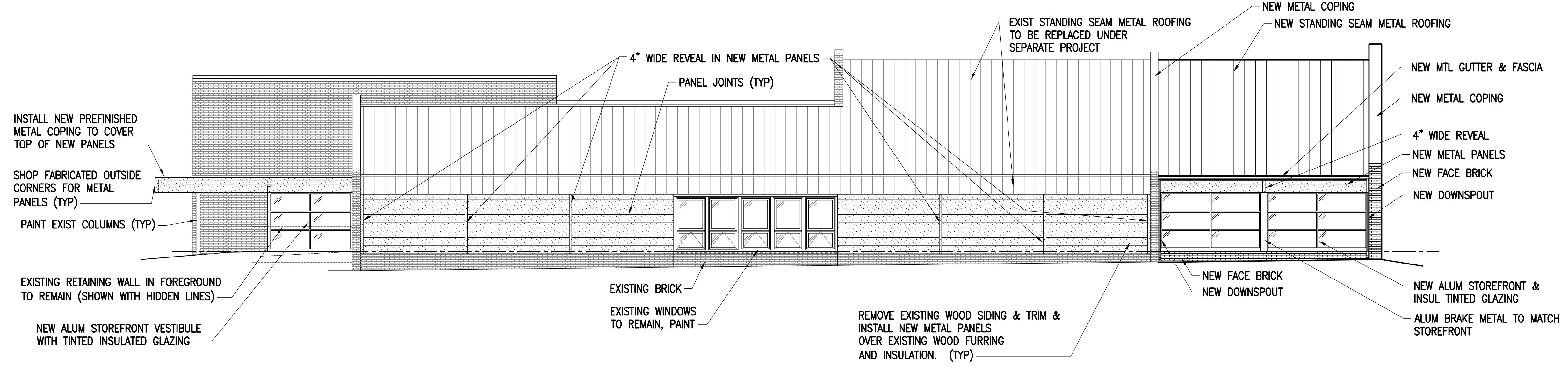
Austin Brockenbrough
 ENGINEERING + CONSULTING
 1011 Boulder Springs Drive, Suite 200 | Richmond, Virginia 23225
 804.592.3900 main | 804.592.3901 fax
 www.brockenbrough.com

FLOOR PLAN
**UPGRADES AND RENOVATIONS TO
 WEST END BRANCH LIBRARY**
 RICHMOND PUBLIC LIBRARIES
 VIRGINIA

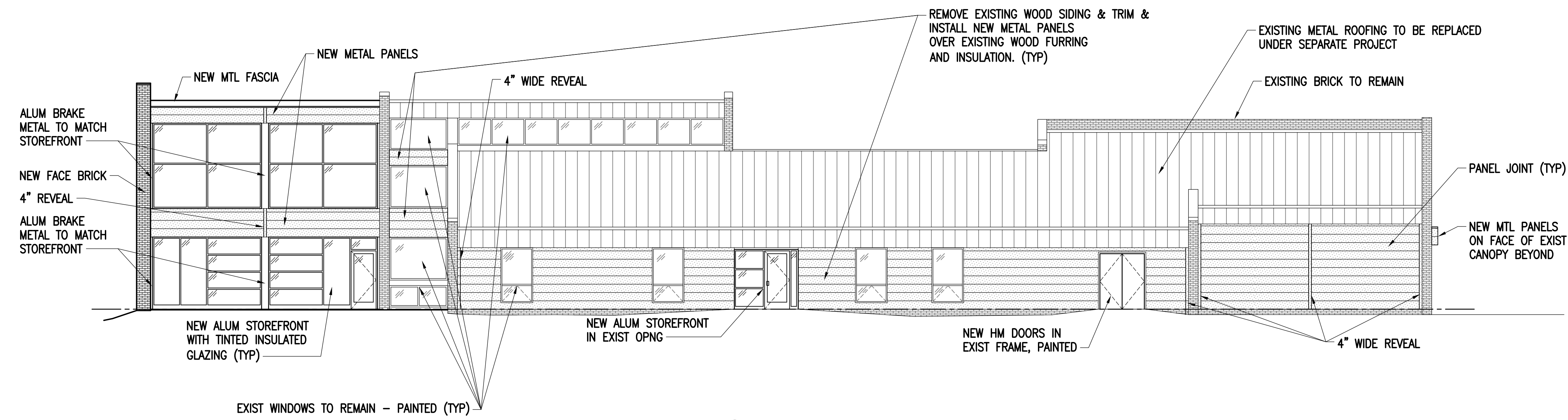
UDC
 SUBMITTAL
 2/4/16



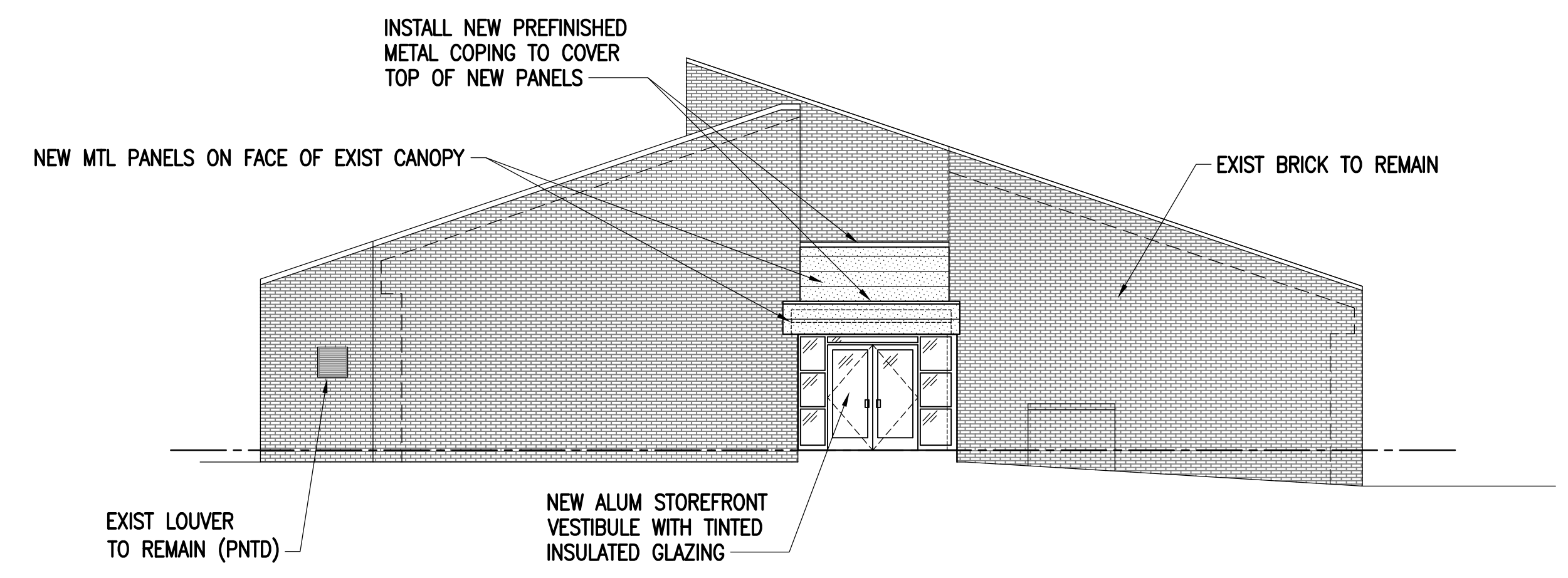
D1 EAST ELEVATION
SCALE: 1/8" = 1'-0"



D3 SOUTH (PATTERSON AVE.) ELEVATION
SCALE: 1/8" = 1'-0"

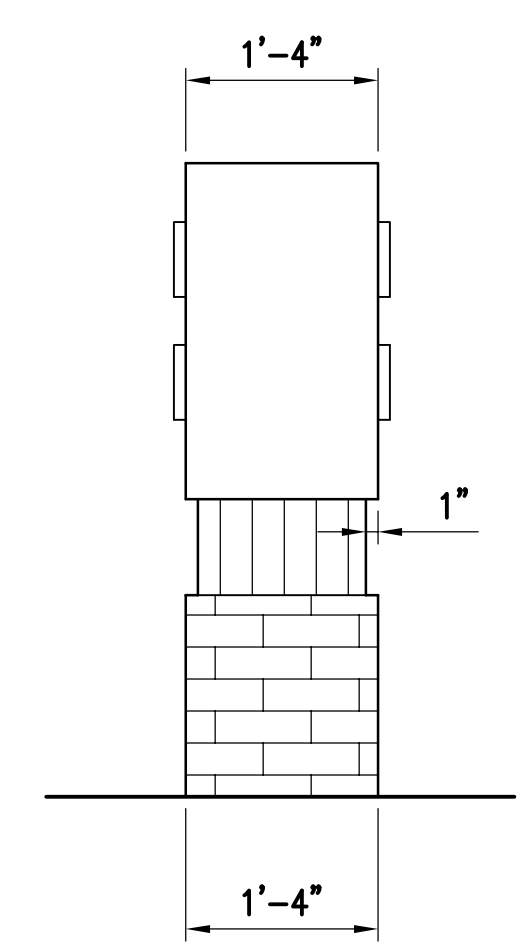


B1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"

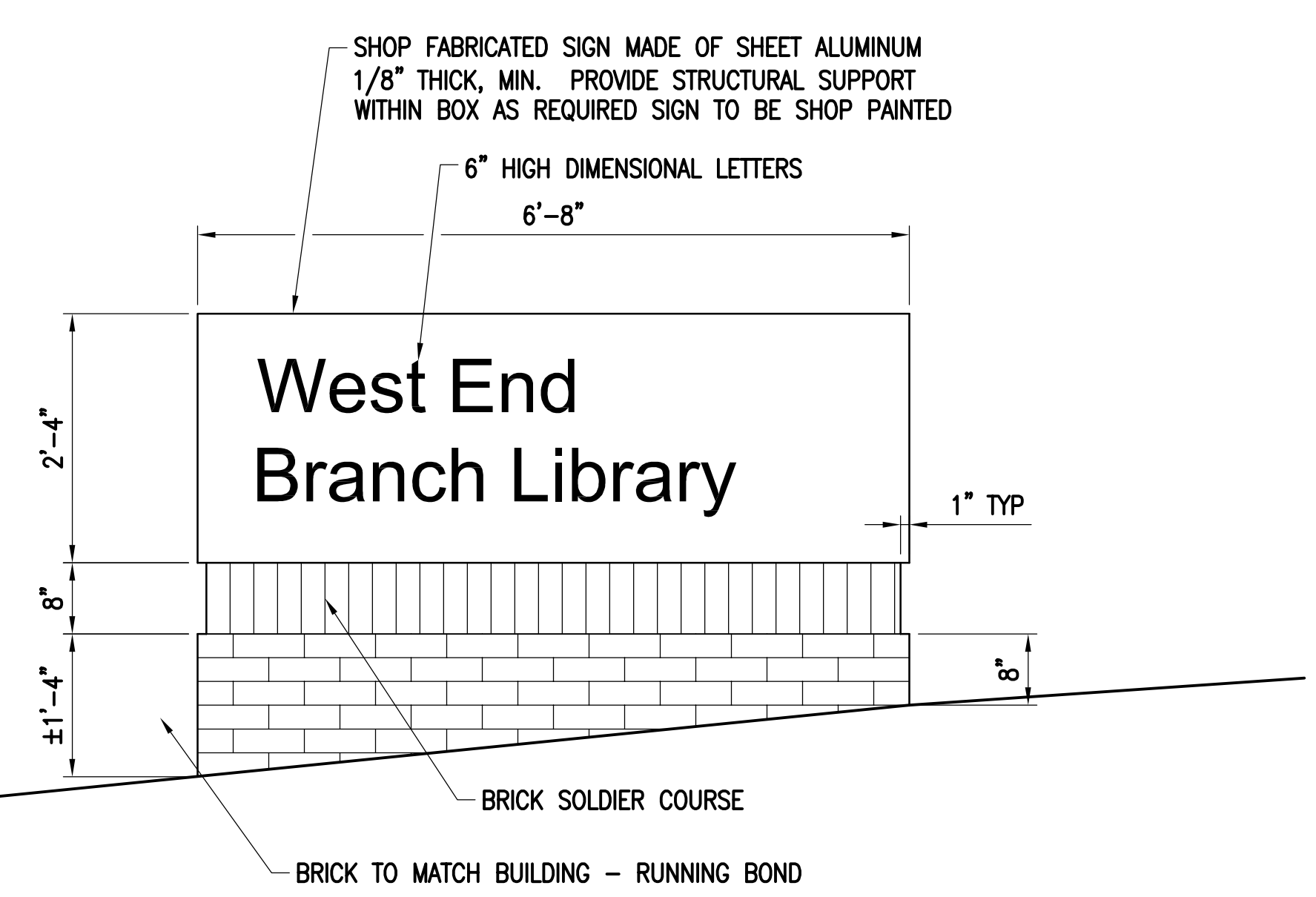


B4 WEST ELEVATION
SCALE: 1/8" = 1'-0"

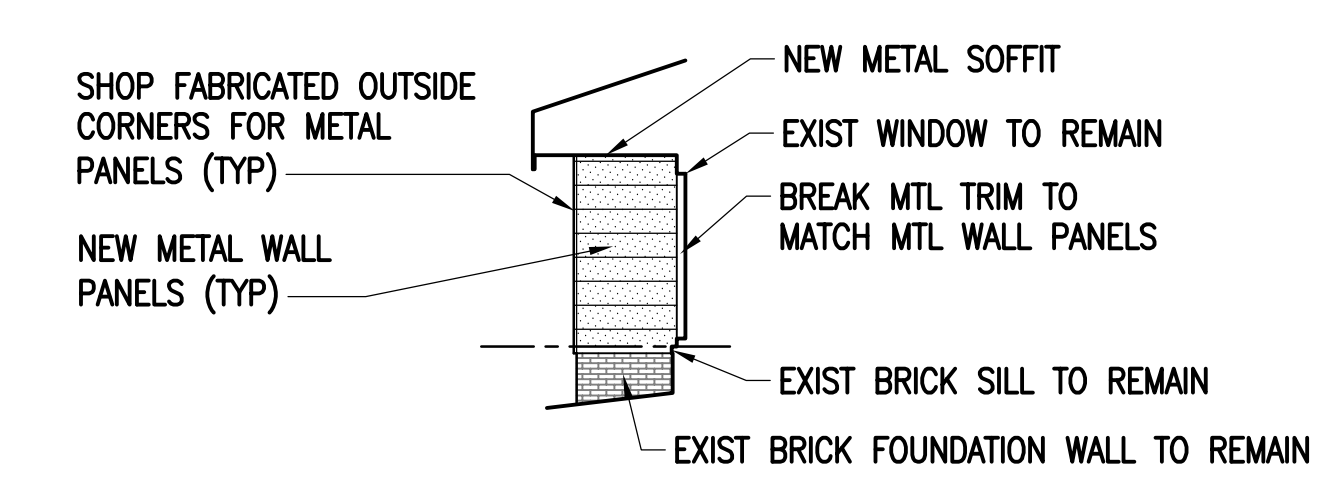
NOTE: FREESTANDING SIGN, 16 SQUARE FEET, TWO SIDED, APPROX 12' FROM PATTERSON AVE. CURB. REFERENCE C-104 FOR LOCATION



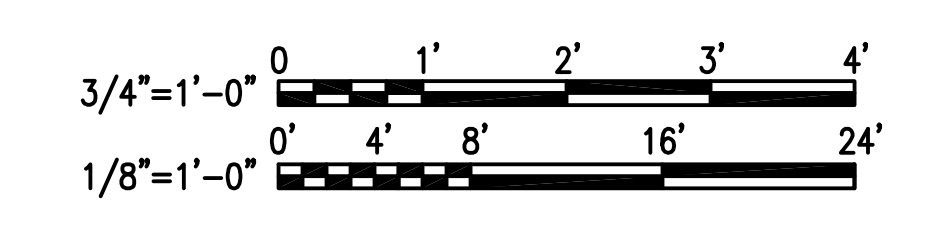
A1 SIGN ELEVATION - END
SCALE: 3/4" = 1'-0"



A2 SIGN ELEVATION - SIDE TYPICAL OF (2) SIDES
SCALE: 3/4" = 1'-0"



A4 PARTIAL ELEVATION
SCALE: 1/8" = 1'-0"



FILE NAME: C:\13 Jobs\13-03408 West End Branch Library - Richmond\Submittals\0116-02-04 UDC submittal\CAD\A-201 EXTERIOR ELEVATIONS PLOTTED: Thursday, February 04, 2016 - 3:02pm USER: gashauer

CLIENT	RICHMOND	DATE	
DRAWN	PMS	JOB NO.	13-034.06
DESIGN	PMS	DATE	2/4/16
APPROVED	PMS	SCALE	AS NOTED
C.C. REVIEW	JRW	DATE	
REVISIONS			

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EXTERIOR ELEVATIONS
UPGRADES AND RENOVATIONS TO WEST END BRANCH LIBRARY
RICHMOND PUBLIC LIBRARIES

Luminaire Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
□	T_TFTM	2	Lithonia Lighting	DSX1 LED 60C 700 40K TFTM MVOLT HS	DSX1 LED WITH (2) 30 LED LIGHT ENGINES, RIGHT ROTATED TYPE TFTM OPTIC, 4000K, @ 700mA WITH HOUSE SIDE SHIELD	LED	1	9147	0.7	130.39
□	T-3S	2	Lithonia Lighting	DSX1 LED 60C 530 40K T3S MVOLT HS	DSX1 LED WITH (2) 30 LED LIGHT ENGINES, TYPE T3S OPTIC, 4000K, @ 530mA WITH HOUSE SIDE SHIELD	LED	1	8943	0.7	99.28
□	T-4M	1	Lithonia Lighting	DSX1 LED 60C 530 40K T4M MVOLT HS	DSX1 LED WITH (2) 30 LED LIGHT ENGINES, TYPE T4M OPTIC, 4000K, @ 530mA WITH HOUSE SIDE SHIELD	LED	1	8173	0.7	99.28
□	T_4M 40C	5	Lithonia Lighting	DSX1 LED 40C 530 40K T4M MVOLT HS	DSX1 LED WITH (2) 20 LED LIGHT ENGINES, TYPE T4M OPTIC, 4000K, @ 530mA WITH HOUSE SIDE SHIELD	LED	1	5568	0.7	67.78
□	T_3M 40C	2	Lithonia Lighting	DSX1 LED 40C 530 40K T2M MVOLT	DSX1 LED WITH (2) 20 LED LIGHT ENGINES, TYPE T2M OPTIC, 4000K, @ 530mA	LED	1	7591	0.7	67.74

Statistics						
Description	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Entry East	1.8 fc	3.3 fc	0.6 fc	5.5:1	3.0:1	0.5:1
Entry West	2.9 fc	5.8 fc	0.6 fc	9.7:1	4.8:1	0.5:1
Parking North	1.5 fc	7.2 fc	0.6 fc	12.0:1	2.5:1	0.2:1
Parking West	1.2 fc	4.2 fc	0.6 fc	7.0:1	2.0:1	0.3:1
PL - East	0.3 fc	0.5 fc	0.0 fc	N/A	N/A	0.6:1
PL - North	0.3 fc	0.5 fc	0.0 fc	N/A	N/A	0.6:1
PL - South	0.2 fc	0.8 fc	0.0 fc	N/A	N/A	0.3:1
PL - West	0.2 fc	0.5 fc	0.0 fc	N/A	N/A	0.4:1

