From: Scala, Mary Joy

Sent: Thursday, September 18, 2014 11:04 AM

To: 'Knipp, Jay'

Cc: 'mrmstynson@gmail.com'

Subject: BAR Action - September 16, 2014 - 427 Park Street

September 18, 2014

Jay Knipp – Ilex Construction 433 Park Street Charlottesville, VA 22902

Certificate of Appropriateness Application (deferred from August)
BAR 14-08-03
427 Park Street
Tax Parcel 530023000
Price-Poore House, LLC, Owner/ Jay Knipp, Ilex Construction, Applicant
Partial demolition, new rear addition, parking lot

Dear Applicant,

The above referenced project was discussed before a meeting of the City of Charlottesville Board of Architectural Review (BAR) on September 16, 2014. The following action was taken:

The BAR approved (8-0) as submitted except parking and landscape plan, which will come back to staff for review before approval.

Regarding the landscape plan, the BAR strongly recommended reconsideration of (single trunk) trees instead of shrubs at bottom of lot; possibly make tree space larger on south side and delete tree space on north side of lot to make room for larger, native species tree instead of Zelcova; make groupings of shrubs along sides more narrow (possibly pencil hollies instead of arborvitae), and closer-spaced with larger spaces between groupings.

Please submit a revised parking and landscape plan to me for review and approval before your site plan is approved.

In accordance with Charlottesville City Code 34-285(b), this decision may be appealed to the City Council in writing within ten working days of the date of the decision. Written appeals, including the grounds for an appeal, the procedure(s) or standard(s) alleged to have been violated or misapplied by the BAR, and/or any additional information, factors or opinions the applicant deems relevant to the application, should be directed to Paige Barfield, Clerk of the City Council, PO Box 911, Charlottesville, VA 22902.

This certificate of appropriateness shall expire in 18 months (March 16, 2016), unless within that time period you have either: been issued a building permit for construction of the improvements if one is required, or if no building permit is required, commenced the project. The expiration date may differ if the COA is associated with a valid site plan. You may request an extension of the certificate of appropriateness *before this approval expires* for one additional year for reasonable cause.

Upon completion of the project, please contact me for an inspection of the improvements included in this application. If you have any questions, please contact me at 434-970-3130 or scala@charlottesville.org.

Sincerely yours,

Mary Joy Scala, AICP Preservation and Design Planner

Mary Joy Scala, AICP
Preservation and Design Planner
City of Charlottesville
Department of Neighborhood Development Services
City Hall – 610 East Market Street
P.O. Box 911
Charlottesville, VA 22902

CITY OF CHARLOTTESVILLE BOARD OF ARCHITECTURAL REVIEW STAFF REPORT September 16, 2014 (deferred from August)



Certificate of Appropriateness Application

BAR 14-08-03
427 Park Street
Tax Parcel 530023000
Price-Poore House, LLC, Owner/ Jay Knipp, Ilex Construction, Applicant
Partial demolition, new rear addition, parking lot

NOTE: Changes are shown in bold type.

Background

This property, a federal style structure with an unusual mansard roof, is designated a contributing structure in the North Downtown ADC district. The original 1-1/2 story portion was built in 1836-7; the 2-1/2 story height was added shortly thereafter; the mansard roof added after 1868.

<u>August 19. 2014</u> – The BAR accepted (7-0) the applicant's request for deferral. The BAR encouraged the applicant to provide less parking, save more trees, and narrow the entrance to parking. They suggested an ornamental tree for the front yard if the Silver Maple must be removed.

Application

This property is being rehabilitated for office use. The following items require BAR review:

- 1. Demolition of rear screen porch;
- 2. New two-story rear addition;
- 3. New window opening in existing building on basement north side;
- 4. Site clearing and grading to construct new rear parking lot with alley access;
- 5. Install operable shutters on front:
- 6. Amended paint colors:

Roof, shutters, and front door: Sherwin Williams Greenblack SW 6994; Exterior trim and new addition siding: Benjamin Moore White Dove 06; New addition brick: White washed.

The new addition will have brick pilasters and base; painted hardi siding with 5" exposure; Marvin clad casement windows with SDL's and azek casing; azek pilasters above brick pilasters; azek cornice with copper gutters; membrane roofing. There will be a new outside stair (unspecified material) on the north side of the addition.

The new parking lot will have 12 spaces, including one handicapped, with permeable pavers (Eagle Bay Aqua-Bric). Many large trees and shrubs will be removed, and replaced with 3 Zelcova trees; 1 Red Bud; 20 Arborvitae shrubs; 18 English Boxwood; and 10 American Boxwood. The applicant has submitted a tree inventory plan and evaluation that recommends retaining only the existing Burford Hollies.

Criteria, Standards, and Guidelines

Review Criteria Generally

Sec. 34-284(b) of the City Code states that,

In considering a particular application the BAR shall approve the application unless it finds:

- (1) That the proposal does not meet specific standards set forth within this division or applicable provisions of the Design Guidelines established by the board pursuant to Sec.34-288(6); and
- (2) The proposal is incompatible with the historic, cultural or architectural character of the district in which the property is located or the protected property that is the subject of the application.

Pertinent Standards for Review of Construction and Alterations include:

- (1) Whether the material, texture, color, height, scale, mass and placement of the proposed addition, modification or construction are visually and architecturally compatible with the site and the applicable design control district;
- (2) The harmony of the proposed change in terms of overall proportion and the size and placement of entrances, windows, awnings, exterior stairs and signs;
- (3) The Secretary of the Interior Standards for Rehabilitation set forth within the Code of Federal Regulations (36 C.F.R. §67.7(b)), as may be relevant;
- (4) The effect of the proposed change on the historic district neighborhood;
- (5) The impact of the proposed change on other protected features on the property, such as gardens, landscaping, fences, walls and walks;
- (6) Whether the proposed method of construction, renovation or restoration could have an adverse impact on the structure or site, or adjacent buildings or structures;
- (8) Any applicable provisions of the City's Design Guidelines.

Pertinent Standards for Considering Demolitions include:

The following factors shall be considered in determining whether or not to permit the moving, removing, encapsulation or demolition, in whole or in part, of a contributing structure or protected property:

- (a) The historic, architectural or cultural significance, if any, of the specific structure or property, including, without limitation:
 - (1) The age of the structure or property;
 The porch addition appears to be late 20th century.
 - (2) Whether it has been designated a National Historic Landmark, listed on the National Register of Historic Places, or listed on the Virginia Landmarks Register;

The building is a contributing structure in the Charlottesville- Albemarle County Courthouse historic district, which is listed on the National Register of Historic Places and the Virginia Landmarks Register.

- (3) Whether, and to what extent, the building or structure is associated with an historic person, architect or master craftsman, or with an historic event;
- There are no known associations.
- (4) Whether the building or structure, or any of its features, represent an infrequent or the first or last remaining example within the city of a particular architectural style or feature; The early date of the original building makes it significant. The mansard roof is unusual in Charlottesville. The porch does not contribute to the character of the building.
- 5) Whether the building or structure is of such old or distinctive design, texture or material that it could not be reproduced, or could be reproduced only with great difficulty; and The porch could be reproduced using new materials.
- (6) The degree to which distinguishing characteristics, qualities, features or materials remain;

The building is intact.

(b) Whether, and to what extent, a contributing structure is linked, historically or aesthetically, to other buildings or structures within an existing major design control district, or

is one of a group of properties within such a district whose concentration or continuity possesses greater significance than many of its component buildings and structures.

427 Park Street is linked historically and aesthetically to other residential and formerly residential buildings along Park Street.

(c) The overall condition and structural integrity of the building or structure, as indicated by studies prepared by a qualified professional engineer and provided by the applicant or other information provided to the board;

No structural report has been requested or submitted.

(d) Whether, and to what extent, the applicant proposes means, methods or plans for moving, removing or demolishing the structure or property that preserves portions, features or materials that are significant to the property's historic, architectural or cultural value; and The applicant is asking permission to raze the rear porch only.

(e) Any applicable provisions of the city's Design Guidelines

1. The criteria established by the City Code.

See above.The public necessity of the proposed demolition.

There is no public necessity.

3. The public purpose or interest in land or buildings to be protected.

The rear porch of 427 Park Street is not of particular significance because of its recent age.

4. The existing character of the setting of the structure or area and its surroundings. This part of Park Street has large, former residences used for offices.

5. Whether or not a relocation of the structure would be a practical and preferable alternative to demolition.

Relocation would not be a preferable alternative.

6. Whether or not the proposed demolition would affect adversely or positively other historic buildings or the character of the historic district.

It would not.

7. Whether or not there has been a professional economic and structural feasibility study for rehabilitating or reusing the structure and whether or not its findings support the proposed demolition. No structural report has been requested or submitted.

Pertinent Design Review Guidelines for Additions

P. ADDITIONS

- 1. Function and Size
 - a. Attempt to accommodate needed functions within the existing structure without building an addition.
 - b. Limit the size of the addition so that it does not visually overpower the existing building.
- 2. Location
 - a. Attempt to locate the addition on rear or side elevations that are not visible from the street.
 - b. If additional floors are constructed on top of a building, set the addition back from the main façade so that its visual impact is minimized.
 - c. If the addition is located on a primary elevation facing the street or if a rear addition faces a street, parking area, or an important pedestrian route, the façade of the addition should be treated under the new construction guidelines.
- 3. Design
 - a. New additions should not destroy historic materials that characterize the property. b. The new work should be differentiated from the old and should be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- 4. Replication of Style
 - a. A new addition should not be an exact copy of the design of the existing historic building. The design of new additions can be compatible with and respectful of existing buildings without being a mimicry of their original design.
 - b. If the new addition appears to be part of the existing building, the integrity of the original historic design is compromised and the viewer is confused over what is historic and what is

new.

- 5. Materials and Features
 - a. Use materials, windows, doors, architectural detailing, roofs, and colors that are compatible with historic buildings in the district.
- 6. Attachment to Existing Building
 - a. Wherever possible, new additions or alterations to existing buildings should be done in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the buildings would be unimpaired.
 - b. The new design should not use the same wall plane, roof line, or cornice line of the existing structure.

Pertinent Design Guidelines for Rehabilitations

C. WINDOWS

- 1) Prior to any repair or replacement of windows, a survey of existing window conditions is recommended. Note number of windows, whether each window is original or replaced, the material, type, hardware and finish, the condition of the frame, sash, sill, putty, and panes.
- 2) Retain original windows when possible.
- 3) Uncover and repair covered up windows and reinstall windows where they have been blocked in.
- 4) If the window is no longer needed, the glass should be retained and the back side frosted, screened, or shuttered so that it appears from the outside to be in use.
- 5) Repair original windows by patching, splicing, consolidating or otherwise reinforcing. Wood that appears to be in bad condition because of peeling paint or separated joints often can be repaired.
- 6) Replace historic components of a window that are beyond repair with matching components.
- 7) Replace entire windows only when they are missing or beyond repair.
- 8) If a window on the primary façade of a building must be replaced and an existing window of the same style, material, and size is identified on a secondary elevation, place the historic window in the window opening on the primary façade.
- 9) Reconstruction should be based on physical evidence or old photographs.
- 10) Avoid changing the number, location, size, or glazing pattern of windows by cutting new openings, blocking in windows, or installing replacement sash that does not fit the window opening.
- 11) Do not use inappropriate materials or finishes that radically change the sash, depth of reveal, muntin configuration, reflective quality or color of the glazing, or appearance of the frame.
- 12) Use replacement windows with true divided lights or interior and exterior fixed muntins with internal spacers to replace historic or original examples.
- 13) If windows warrant replacement, appropriate material for new windows depends upon the context of the building within a historic district, and the age and design of the building. Sustainable materials such as wood, aluminum-clad wood, solid fiberglass, and metal windows are preferred. Vinyl windows are discouraged.
- 14) False muntins and internal removable grilles do not present an historic appearance and should not be used.
- 15) Do not use tinted or mirrored glass on major facades of the building. Translucent or low (e) glass may be strategies to keep heat gain down.
- 16) Storm windows should match the size and shape of the existing windows and the original sash configuration. Special shapes, such as arched top storms, are available.
- 17) Storm windows should not damage or obscure the windows and frames.
- 18) Avoid aluminum-colored storm sash. It can be painted an appropriate color if it is first primed with a zinc chromate primer.
- 19) The addition of shutters may be appropriate if not previously installed but if compatible with the style of the building or neighborhood.
- 20) In general, shutters should be wood (rather than metal or vinyl) and should be mounted on hinges. In some circumstances, appropriately dimensioned, painted, composite material shutters may be used.
- 21) The size of the shutters should result in their covering the window opening when closed.
- 22) Avoid shutters on composite or bay windows.

Pertinent Design Review Guidelines for Site Design

B. PLANTINGS

- 1) Encourage the maintenance and planting of large trees on private property along the streetfronts, which contribute to the "avenue" effect.
- 2) Generally, use trees and plants that are compatible with the existing plantings in the neighborhood.
- 3) Use trees and plants that are indigenous to the area.
- 4) Retain existing trees and plants that help define the character of the district, especially street trees and hedges.
- 5) Replace diseased or dead plants with like or similar species if appropriate.
- 6) When constructing new buildings, identify and take care to protect significant existing trees and other plantings.
- 7) Choose ground cover plantings that are compatible with adjacent sites, existing site conditions, and the character of the building.
- 8) Select mulching and edging materials carefully and do not use plastic edgings, lava, crushed rock, unnaturally colored mulch or other historically unsuitable materials.

F. PARKING AREAS & LOTS

- 1) If new parking areas are necessary, construct them so that they reinforce the street wall of buildings and the grid system of rectangular blocks in commercial areas.
- 2) Locate parking lots behind buildings.
- 3) Screen parking lots from streets, sidewalks, and neighboring sites through the use of walls, trees, and plantings of a height and type appropriate to reduce the visual impact year-round.
- 4) Avoid creating parking areas in the front yards of historic building sites.
- 5) Avoid excessive curb cuts to gain entry to parking areas.
- 6) Avoid large expanses of asphalt.
- 7) On large lots, provide interior plantings and pedestrian walkways.
- 8) Provide screening from adjacent land uses as needed.
- 9) Install adequate lighting in parking areas to provide security in evening hours.
- 10) Select lighting fixtures that are appropriate to a historic setting.

Discussion and Recommendations

This is a potential tax credit project. The demolition of the rear porch will not adversely affect the character of the original building. This is an appropriate use for this lovely old building.

The new window opening should be discussed. The BAR may want to hear more about the window restoration and brick re-pointing.

The material/color of the proposed new exterior stair should be specified.

The parking lot requires a site plan review in addition to BAR review. The BAR should comment on the proposed new parking and landscaping plan.

Since the last meeting the applicant has met with the Department of Historic Resources regarding the tax credits and the City Traffic Engineer regarding the revised parking lot .

Suggested Motions

Having considered the standards set forth within the City Code, including City Design Guidelines for Demolitions, New Construction and Additions, Rehabilitations, and for Site Design, I move to find that the proposed porch demolition, new addition and other changes, **and parking and landscape plan** satisfy the BAR's criteria and guidelines and are compatible with this property and other properties in the North Downtown ADC district, and that the BAR approves the application as submitted (or with the following modifications...).



Rear lot and alley looking north



Rear lot looking north – 427 Park Street building on right

ILEX® CONSTRUCTION & WOODWORKING

September 16, 2014

Project: 427 Park Street, Charlottesville, Virginia

Proposed Exterior Paint Colors

Shutters, Roof and Front Door: Sherwin Williams Greenblack SW 6994

Exterior Trim and Addition Siding: Benjamin Moore White Dove 06

Addition Brick: White Washed

433 PARK STREET ~ CHARLOTTESVILLE, VIRGINIA 22902 OFFICE 434.244.0802 ~ FAX 434.244.0805





P.O. Box 717 • 2032 West Main Street • Waynesboro, VA 22980 • Phone 540-942-4646 • Fax 540-949-7743

TREE INVENTORY AND EVALUATION

427 PARK STREET CHARLOTTESVILLE, VA

Prepared for:

Ilex Construction

Prepared by: VanCleve Anderson, ASLA

August 28, 2014





P.O. Box 717 • 2032 West Main Street • Waynesboro, VA 22980 • Phone 540-942-4646 • Fax 540-949-7743

TREE INVENTORY AND EVALUATION

427 PARK STREET CHARLOTTESVILLE, VA

Introduction

The stand of trees located in the back yard of 427 Park Street represent a post WWII residential landscape planting. Two main trees (trees #1 & #2), both 48" Silver Maples originally formed the shade tree component of the landscape. The White Pines (trees #2-#7) and the Burford Holly (trees #24-#29) formed the screening component. The remainder of the trees served as either accent trees (ex. Tree #8 Northern White Cedar and American Holly tree # 22) or are volunteers (hemlock #14-#17) or invasives (Ailanthus tree# 21, Black Cherry tree # 20, and Black Locust trees #20 & #33) which have been allowed to grown up in the landscape do to neglect.

Overview

When taken as a whole, the landscape, and trees contained therein, has been left unattended for many, many years and suffers from neglect. Remedial action, if undertaken, would be of limited benefit. The tree spacing, sufficient at the time of planting, is now insufficient to adequately support the stand as it now exists. All of the trees are suffering from the intense competition for limited resources including sun, water, nutrients, and adequate soil space for root expansion. As a result many of the trees are suffering moderate to severe dieback, lack of general vigor, misshapen crowns, galls and other disease, ice damage, chlorosis, insect damage, epicormic sprouting, and other signs indicative of overcrowding and stress.

Comments/Observations

Release

Release of any one tree, while allowing more sunlight and potential for recovery of remaining overstory as well as understory, would create a potential tree fall hazard. In the event of a major storm event (ice storm, thunderstorm microburst, or hurricane force winds) the remaining trees would no longer have the structural support of their neighbors (i.e. when they lean...they no longer have the other trees to lean on...and they could potentially fall). And should any of the larger trees fall, they will fall onto buildings, cars, and potentially people.

Due to the hazards posed by the existing trees susceptibility to breakage or toppling, tree release through removal is not advised.

Dominant Maples

The two most dominant trees on site are Silver Maples (#1-#2). Michael Dirr, in his book "Dirr's Encyclopedia of Trees and Shrubs" states, "Once the most widely planted native maple, Silver Maple has fallen out of favor with nursery people and gardeners. Broken limbs, limited ornamental attributes, and a gross-feeding root system that buckles sidewalks and clogs drains have inhibited its planting. The fastest growing maple species, it is at the same time the most susceptible to breakage in storms." Given these facts and the low condition ranking (10) these trees are best removed.

Understory Trees

Understory trees including (9) Hemlocks may benefit if released from overstory branching but stand a minimal chance of recovery due to length of time immersed in full shade. This fact coupled with the increase in prevalence of the Wooly Aldegid (aphids) and their detrimental effects on Hemlock make these trees a candidate for removal.

The Burford Hollies (Trees # 25-#29) may be worthy of retension. Once released, properly pruned, and fertilized, they may rebound and serve as an effective screen to neighboring property.

Conclusion

Due to neglect, overcrowding, disease, snow, ice and wind damage, trees on site 427 Park Street are in general decline. If released, few stand a favorable chance of recovery, and pose a potential safety hazard to property and people. Burford Hollies have the potential to recover with remedial care.

TREE SPECIES, SIZE AND CONDITION RANKING

KEY#	TREE SPECIES	CALIPER	CONDITION RANKING
1	Silver Maple	48"	10
2	Silver Maple	48"	9
3	White Pine	12"	10
4	White Pine	6"	10
5	White Pine	15"	9
6	White Pine	24"	9
7	White Pine	15"	9
8	Northern Cedar	18"	9
9	White Pine	15"	8
10	Black Locust	15"	12
11	Silver Maple	24"	11
12	White Pine	6"	9
13	White Pine	10"	10
14	Hemlock	4"	8
15	Hemlock	4"	8
16	Hemlock	6"	8
17	Hemlock	4"	8
18	Hemlock	12"	8
19	Black Locust	12"	12
20	Black Cherry	14"	9
21	Ailanthus	12"	7
22	Am. Holly	20"	12
23	Hemlock	2"	8
24	Burford Holly	10"	14
2	Burford Holly	10"	14
26	Burford Holly	10"	14
26	Burford Holly	10"	14
27	Burford Holly	10"	14
28	Burford Holly	10"	14
29	Burford Holly	10"	14
30	Hemlock	10"	9
31	Hemlock	10"	8
32	Hemlock	10"	9
33	Black Locust	24"	17

Tree Condition Ranking

Total Points	Condition	
18-20	Excellent	
15-17	Good	
12-14	Fair	
11 or less	Poor	

TREE CONDITION EVALUATION FORM

A tree's condition is determined from the sum of the condition points established from the rating of a tree's roots, trunk, limb/branch structure, twigs and foliage. The condition ratings range from excellent to poor the

and ar	e determined by a condition The condition point system i	i point system that weights structured as follows	ne condition ratings range from excellent to poon this problems identified on each component of no apparent problems (4 points), minor
probl	ems (3 points), major prob	lems (2 points) and ex	streme problems (1 point).
ROO	ΓS		
•	Root anchorage		
•	Restricted root system re	lative to canopy	
•	Mechanical injury		
•	Girdling roots		
•	Compaction or water-log	ged roots	
•	Presence of insects or dis	eases	Condition points
TRUN	TΚ		
•	Sound bark and wood, no	cavities	
	Upright trunk (well tapere	ed)	
•	Included bark between co		
•	Mechanical or fire injury		
•	Cracks		
•	Swollen or sunken area		
, •	Presence of insect and dis	ease	Condition points
LIMB	AND BRANCH STRUCT	URE	
•	Strong attachments, no inc		
•	Free of decay and cavities		
•	Well proportioned, good f		
•	Wound closure		
•	Dead limbs/epicormic spre	outing	
•	Presence of decay, insects	and diseases	Condition points
TWIG	S		
•	Shoot vigor compared to p	ast 3-vear growth	
•	Presence of weak or dead	twigs	
•	Presence of insects and dis		Condition points
FOLTA	C.D.		Totalion points
FOLIA			
•	Normal appearance (size, o	color, density)	
•	Nutrient deficiencies		
•	Herbicidal, chemical injury Wilted or dead leaves	y symptoms	
	Presence of insect or disease	200	G 11.
_	resence of insect of diseas	ses	Condition points Total Condition Points
TPEF	CONDITION DANGER	(m)	
root coll	ar and includes an evaluation	(The ranking does not on of the tree's canopy	incorporate a wood density evaluation of the from the ground surface only)
	Total Points	Condition	
	18-20	Excellent	Evaluated by:
	15-17	Good	Dete:

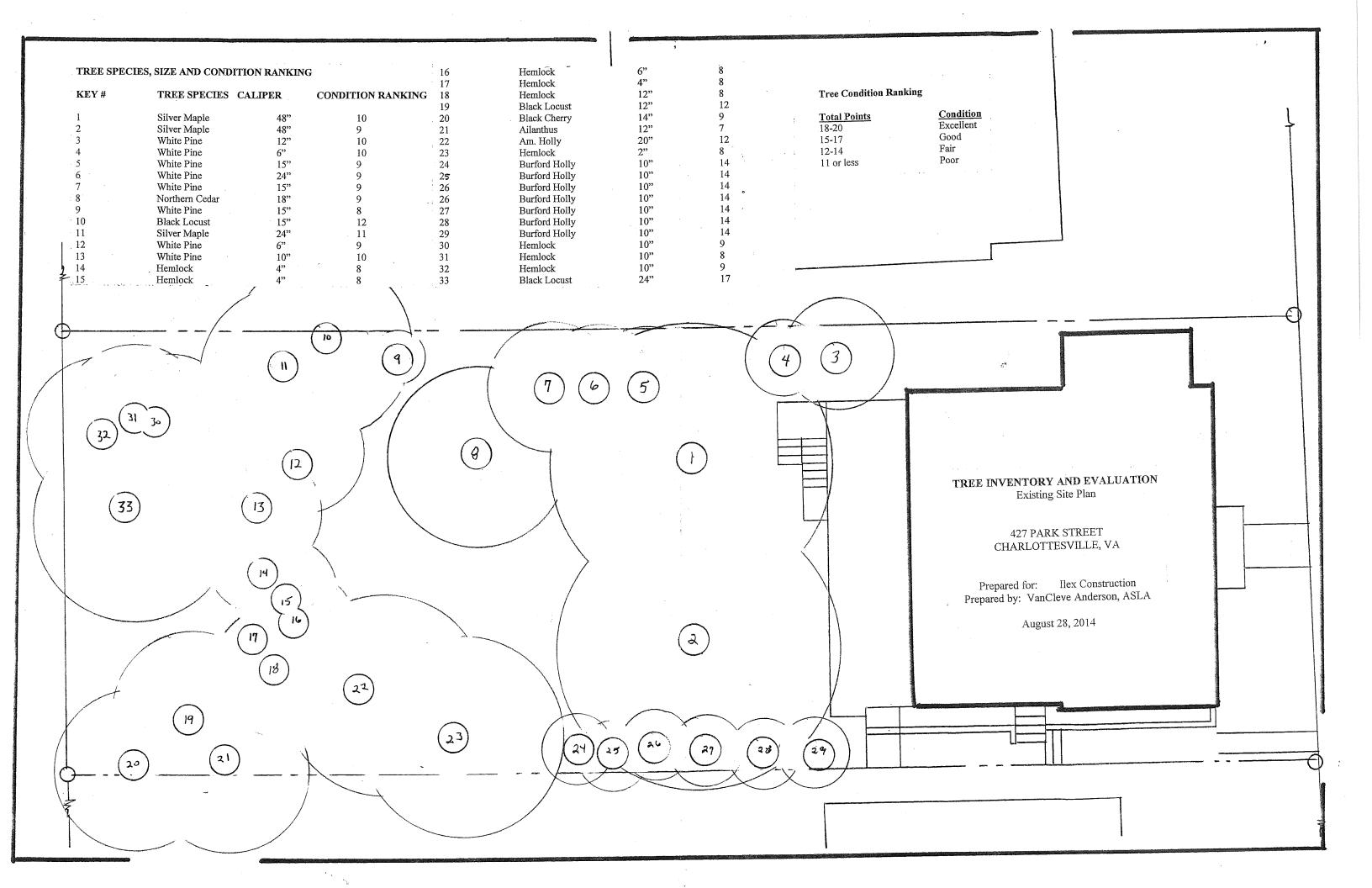
12-14

11 or less

Fair

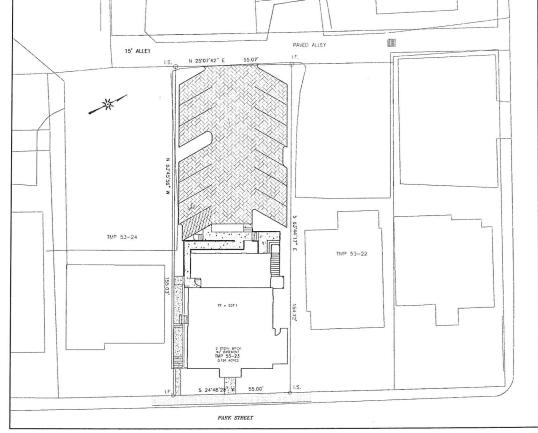
Poor

Tree Species:

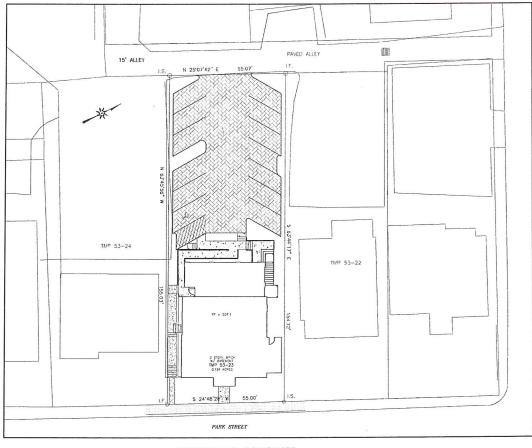


427 PARK STREET

SITE PLAN AMENDMENT CITY OF CHARLOTTESVILLE, VIRGINIA



SHEET LAYOUT



SCALE: 1" = 50'

SION REVI **VICINITY MAP SHEET INDEX** SHEET TITLE COVER SHEET TOTAL SHEETS **AMENDMENT** Ш **LEGEND** PLAN ROADS EXISTING CULVERT U CULVERT DROP INLET & STRUCTURE NO. SITE SOVER S CURB & GUTTER PROPOSED ASPHALT PROPOSED CONCRETE PROPOSED VEGETATIVE COVER PROPOSED BIOFILTER VEGETATION STREE EC-3A DITCH SUI DEPTH OF EC-JA DITCH EC-2 DITCH 6-) DEPTH OF EC-2 DITCH PARK EARTH DITCH DRIVEWAY CULVERT BENCH MARK CLEARING LIMITS -22 VOOT STANDARD STOP SIGN 42. EXISTING CONTOUR PROPOSED SPOT ELEVATION TBC DENOTES TOP/BACK OF CURB T/B DENOTES TOP OF BOX 122077 SIGNATURE PANEL SCALE N/A DIRECTOR, NEIGHBORHOOD DEVELOPMENT_ SHEET NO.

PROJECT DATA:

THE OWNER/CUENT OF THIS PROPERTY IS:
PRICE—POORE HOUSE, LLC
455 2ND STREET SE, SUITE 402
CHARLOTTESMILE, VA 22902
PARCEL ID #530023000 (0.1960 AC.)
THESE PLANS HAVE BEEN PREPARED BY:

FRONT YARD: 20' MINIMUM REQUIRED SIDE YARD: NONE REQUIRED REAR YARD: NONE REQUIRED

SITE AND BUILDING CONSTRUCTION SHALL MEET CURRENT IBC ACCESSIBILITY REQUIREMENTS.

IES:
ALL SIGNAGE AND PAYEMENT MARKINGS SHALL BE CONSISTENT WITH THE MUTCO.
HIC 505-THE BUILDING STREET NUMBER TO BE PLAINLY VISIBLE FROM THE STREET FOR EMERGENCY RESPONDERS.
HIC 506.1—AN APPROVED KEY BOX SHALL BE MOUNTED TO THE SIDE OF THE FRONT OR MAIN ENTRANCE. THE
CHARLOTTESVILE FIRE DEPARTMENT CARRIES THE KNOX BOX MASTER KEY. A KNOX BOX KEY BOX CAN BE ORDERED BY
GOING ONLINE TO WWW.KNOXBOX.COM. THE KNOX BOX ALLOWS ENTRY TO THE BUILDING WITHOUT DAMAGING THE LOCK
AND DOOR SYSTEM AND DOOR SYSTEM.

FIRE HYDRANTS, FIRE PUMP TEST HEADER, FIRE DEPARTMENT CONNECTIONS OR FIRE SUPPRESSION SYSTEM CONTROL

CHARLOTESVILE, VA 22502

TELEPHONE (34) 293-3719 FACSIMILE** (434) 293-2813

SOURCE OF SURVEY, TOPOGRAPHY & BOUNDARY INFORMATION: COMMONWEALTH LAND SURVEYING, MARCH 2013.

ZONING: B-III

USGS DATUM: NAD 83

LOCATION/ADDRESS OF PROJECT: 427 PARK STREET, CHARLOTTESVILE VA 22902

FLOODPLAIN: THIS PROJECTY IS LOCATED IN ZONE "X" AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP NUMBER 51003CO288D, DATED FEBRUARY 4, 2005. THE PROPOSED DEVELOPMENT AND PARCELS ARE NOT LOCATED WITHIN THE STREAM BUFFERS LOCATED ON THE PROFERT THE FLOODPLAIN.

STREAM BUFFE: THERE ARE NO STREAM BUFFERS LOCATED ON THE PROFERTIES.

BULLING HEIGHT:

REAR YARD: MONE REQUIRED
PROPOSED USE: EXISTING BUILDING TO BE RENOVATED FOR OFFICE USE
TOTAL ACREAGE OF PARCELS: 0.196 AG.
TOTAL LAND DISTURBED: 5,650 SF (NO EROSION CONTROL PLAN IS REQUIRED)
STEE PHASINGS: PROJECT TO OCCUR IN ONE PHASE.
CRITICAL SLOPES: NO NATURAL CRITICAL SLOPES ARE PROPOSED TO BE IMPACTED ON—SITE. CARE WILL BE TAKEN TO
PREVENT THE REGISION AND SEDIMENTATION OF THE EXISTING GRADE AND TO PROTECT THE NEIGHBORING PROPERTIES,
AS WELL AS THE SLOPE AND VEGETATION BETWEEN THE PROPOSED DEVELOPMENT AND ADJACENT PROPERTIES.

PUBLIC UTILITIES: THE DEVELOPMENT IS SERVED BY EXISTING PUBLIC WATER AND SEVER.
STORMWATER MANAGEMENT AND STORM DRAINAGE: THE STORMWATER RUNOFF RATES, VOLUMES, AND VELOCITIES
STORMWATER MANAGEMENT AND STORM DRAINAGE: THE STORMWATER RUNOFF STORM SEVER SYSTEM.
STORMWATER RUNOFF (QUANTITY) IS HANDLED VAN PROFOSED PAVERS AND UNDERDRAIN SYSTEM, FRIOR TO BE
RELEASED INTO THE CITY'S STORM SEVER SYSTEM. THE STORMWATER BUNOFF (QUALITY) IS HANDLED VAN THE PAVERS
AND ITS STORE BASE AND ITS ENCOUPAGEMENT OF INFILITATION. BASED ON THE SIZE OF THE PROPOSED SITE, NO
ADDITIONAL STORMWATER MANAGEMENT OR SYM PLAN IS REQUIRED.
AREAS DEDICATED FOR PUBLIC USE: CURRENILY, THERE IS NO LAND ON THIS PROPERTY THAT IS PROPOSED TO BE
RESERVED ON PEDICAL DEFOR PUBLIC USE.
TOTAL SUGGECT PLACEL INFERNOUS AREAS:
DISTING BULLDIANCE APPACE AND AREAS:
0.046 AC.

PAYED AREAS & EXISTING BUILDING TO REM/IN: 0.055 AC.
PROPOSED PERMEABLE PAYERS: 0.050 AC.
TOTAL 0.153 AC.
SIGNAGE- ANY SIGNAGE ADDED TO THE BUILDING WILL BE IN ACCORDANCE WITH CITY GUIDELINES AND REQUIREMENTS

SIGNACE- ANY SIGNACE ADDED TO THE BUILDING WILL BE IN ACCORDANCE WITH CITY GUIDELINES AND REQUIREMENTS INGRESS AND GERESS: THE EXISTING ALLEY IN THE REAR OF THE PARCEL. SITE TRIP GENERATION. TRAFFIC MAPCET MUBERS ARE BASED ON THE ITE TRIP GENERATION MANUAL, BIH EDITION. CODE 710 WAS USED FOR THE EXISTING BUILDING ASSUMING 5,800 SF 0F OFFICE SPACE. AND TRAFE - 64 VPD (11.01 VPD/1,000 SF * 5,800 SF)
AM PEAKS RATE - 9 VPH (7 VPH EINTER/2 VPH EXIT)
PAYEDAC RATE - 9 VPH (2 VPH NITER/7 VPH EXIT)
EXISTING PIRE INTORANTS SHALL CONTINUE TO BE UTILIZED FOR THE EXISTING BUILDING.

COLLINS ENGINEERING SHALL NOT HAVE AUTHORITY OVER CONTRACTOR'S WORK, SAFETY PRECAUTIONS, SCHEDULES, OR COMPLANCE WITH LAWS AND REGULATIONS. WE SHALL NOT ASSUME RESPONSIBILITY FOR ANY CONSTRUCTION BEGUN PRIOR TO PLAN APPROVAL.

CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS, IF THERE APPEARS TO BE A CONFLICT, AND UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THE PLANS.

CITY OF CHARLOTTESVILLE IS NOT RESPONSIBLE FOR ACCURACY OF THE GIS DATA USED IN THE PLANS AND THE CONTRACTOR MUST LOCATE ALL SURFACE AND SUB-SURFACE UTILITIES PRIOR TO ANY WORK ONSITE. ANY SIDEWALK AND/OR CURB DAMAGE IDENTIFIED IN THE SITE VICINITY DUE TO PROJECT CONSTRUCTION ACTIVITIES AS DETERMINED BY THE CITY INSPECTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A TEMPORARY STREET CLOSURE PERMIT IS REQUIRED FOR CLOSURE OF SIDEWALKS, PARKING SPACES AND ROADWAYS AND IS SUBJECT TO APPROVAL BY THE CITY TRAFFIC ENGINEER.

45' MAXIMUM (BUILDING IS EXISTING — ADDITION TO MATCH THE HEIGHT OF THE EXISTING BUILDING)
BUILDING SETBACK REQUIREMENTS:

ARKING REQUIREMENTS:

1 SPACE FRE 500 50, FT, OF GFA OF OFFICE SPACE

5,800 50, FT,/500 50, FT, = 12 SPACES REQUIRED FOR THE EXISTING BUILDING

TOTAL SPACES REQUIRED= 12

TOTAL SPACES PROVIDED= 13

- FIRE HYDRANTS, FIRE FUMP TEST HEADER, FIRE DEPARTMENT CONNECTIONS OR FIRE SUPPRESSION SYSTEM CONINCU.
 VALVES SHALL REMAIN CLEAR AND UNDOSSTRUCTED BY LANDSCAPING, PARKING OR OTHER OBJECTS. THE FIRE MARSHAL'S
 OFFICE NO LONGER ALLOWS ANY TYPE OF LANDSCAPING TO BE PLACED IN FRONT OF AND WITHIN 5 FEET OF FIRE
 HYDRANTS, FIRE PUMP TEST HEADERS, FIRE DEPARTMENT CONNECTIONS OR FIRE SUPPRESSION STEM CONTROL VALVES.
 AN APPROVED WATER SUPPLY FOR FIRE PROTECTION SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL
 ARRIVES ON THE SITE.
 ALL PAYEMENT SHALL BE CAPABLE OF SUPPORTING FIRE APPARATUS WEIGHTING 75,000 LBS.
 IFC 1404.7—MONITOR DE ALLOWED IN ONLY DESIGNATED SPACES WITH PROPER RECEPTACLES.
 IFC 1404.2—WASTE DISPOSAL OF COMBUSTIBLE DEBRIS SHALL BE REMOVED FROM THE BUILDING AT THE END OF EACH
 WORKDAY.

- IFC 1404.2-WASTE DISPOSAL OF COMBUSTIBLE DEBRIS SHALL BE REMOVED FROM THE BUILDING AT THE END OF EACH WORKDAY.

 IFC 1410.1-ACCESS TO THE BUILDING DURING DEMOLITION AND CONSTRUCTION SHALL BE MAINTAINED.

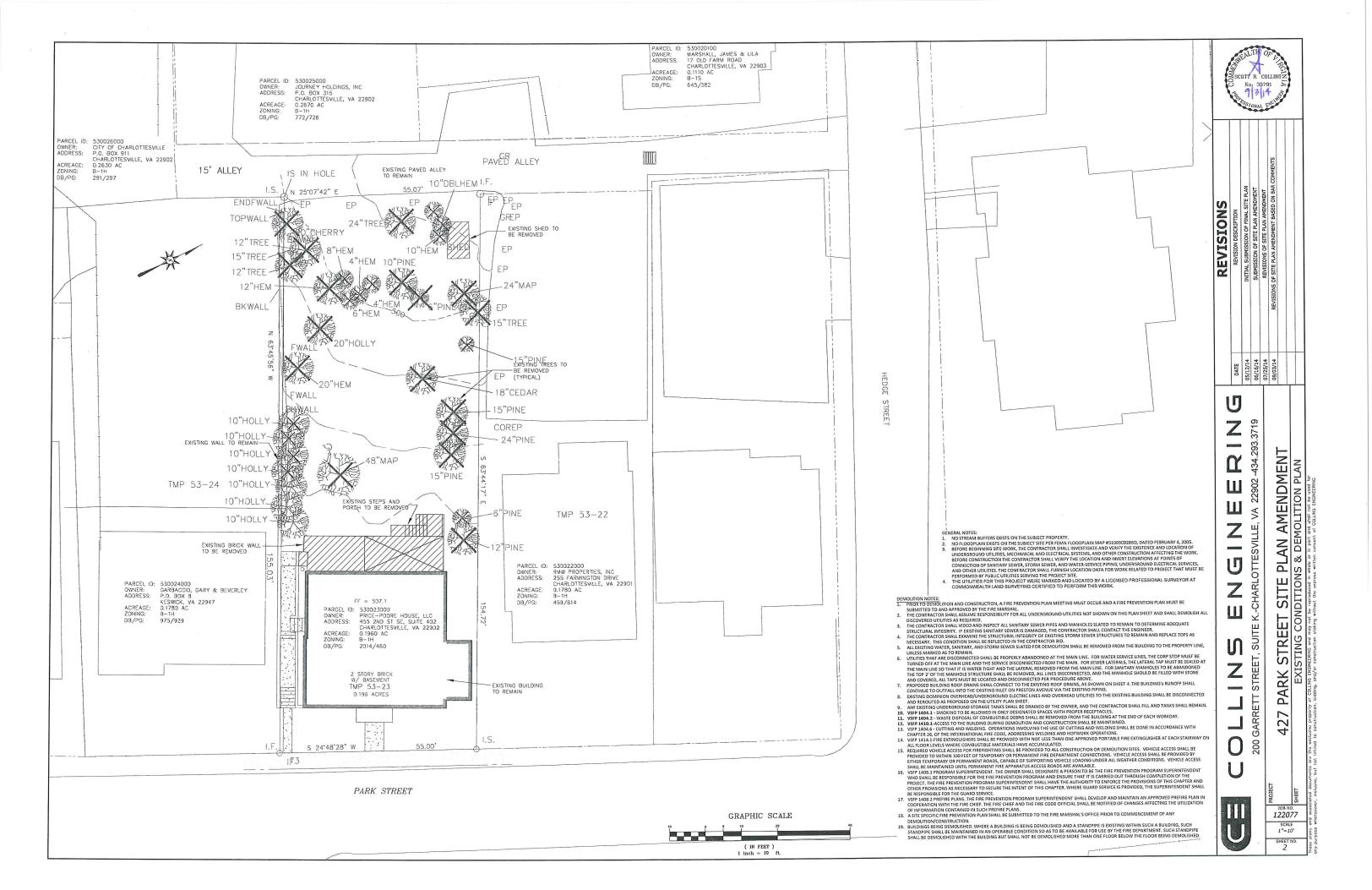
 IFC 1404.6-CUTING AND WELDING, OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH CHAPTER 26, OF THE INTERNATIONAL FIRE CODE, ADDRESSING WELDING SHALL BE DONE IN ACCORDANCE WITH CHAPTER 25, OF THE INTERNATIONAL FIRE CODE, ADDRESSING WELDING AND HOTWOORK OPERATIONS. IFC 1414.1-FIRE EXTRUCUSHERS SHALL BE PROVIDED WITH NOT LESS THAN ONE APPROVED PORTABLE FIRE EXTRUCUSHER FOR A PROVED FOR TABLE FIRE EXTRUCUSHER APPROVED FOR TABLE FIRE EXTRUCUSHER APPROVED FOR TABLE FIRE EXTRUCUSHED TO ALL GONSTRUCTION OR DEMOLITION SITES. VEHICLE ACCESS SHALL BE PROVIDED TO WITHIN THE EXPORARY OR PERMANENT ROADS, GENERAL SUPPRIVING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. VEHICLE ACCESS SHALL BE PROVIDED BY EITHER TEMPORARY OR PERMANENT ROADS, GENERAL SUPPRIVING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. VEHICLE ACCESS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS ARE AVAILABLE.

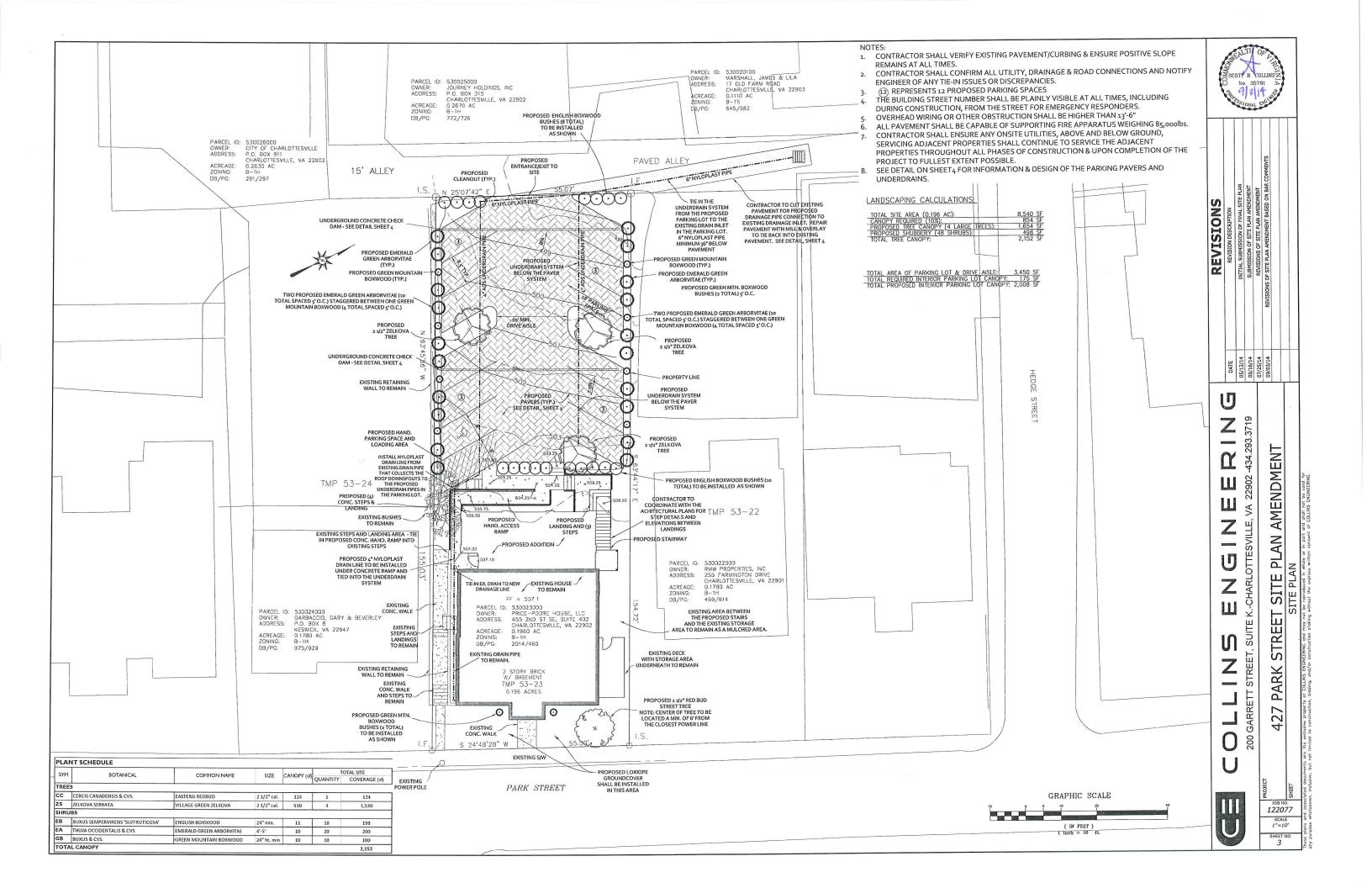
 OVERHEAD WIRNIO OR OTHER OBSTRUCTIONS SHALL BE HIGHER THAN 13 FEET 6 INCHES.

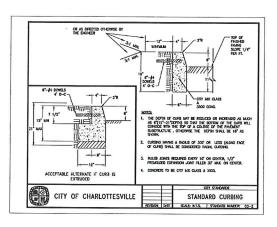
 ALL SIGNS SHALL BE IN ACCORDANCE WITH ARTICLE IX, SECTION 34-1020 CITY CODE.

 A SIDEWARK CLOSURE PERMIT IS NEEDED, THE DEVELOPER WILL BE REQUIRED TO PROVIDE ADEQUATE PEDESTRIAN BARRIER).

BMP OWNERSHIP INFORMATION:	PR CE-POORE HOUSE, ILC 455 2ND STREET SE, SUITE 402 CHARLOTTESMILE, VA 22302
TYPE OF BMP INSTALLED:	PAVERS
GEOGRAPHIC LOCATION (HYDROLOGIC UNIT CODE)	INTERSECTION OF PARK STREET & MAPLE STREET (SOIL GROUP TYPE 121C)
WATEREODY THE BVP IS ULTIMATELY DISCHARGING INTO:	MEADOW CREEK, WHICH THEN FEEDS THE RIVANNA RIVER
# OF ACRES TREATED BY BMPs:	0.1950 AC
DESCRIPTION OF REQUIRED MAINTENANCE:	THE MAINTENANCE PROSPAM FOR THE FACULTY SHALL CONSIST OF AN ANNUAL VISIAL INSPECTION OF THE INSTITUTE AFTER THE WAITER SHADON AND AFTER ANYSTORM FOR THE THE EXCEEDS THE LOFFER STORM FOR THE THE STEEPEN SHALL BE CONVERTED ANYWARD THE PROPERTY PROTECTION AND ADD THE BOO OCCUSIONS. AREAS UNDER ANY DAY ACCENT TO, TREES SHALL BE GIVEN SPECIAL ATTENTION DUE TO THE MODIFIED AND ADD ADDRESS. AND DO MACENT TO, TREES SHALL BE GIVEN SPECIAL ATTENTION DUE TO THE
OWNER'S SIGNATURE AGREEING TO MAINTAIN FACILITY:	







GENERAL NOTES:

GENERAL NOTES:

JULIUS

1. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONTRACTOR OR ITS SUBCONTRACTORS SHALL BE
CONTRACTOR'S SOLE RESPONSIBLITY AND REPARED AT CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR'S SOLE RESPONSIBLITY AND REPARED AT CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR SHALL PREPT THE EXISTENCE AND LOCATION OR THE NON-EXISTENCE OR LOCATION OF UTILITIES.
AT LEAST
48 HOURS PRIOR TO ANY EXCANATION OR CONSTRUCTION, CONTRACTOR SHALL NOTIFY WAS UTILITY
(1-800-352-7001) MAYOR THE RESPECTIVE MUTILITY COMPANSES FOR AGA, WAITE, SEMER, POWER, PHONE
AND CABLE, CONTRACTOR SHALL INVEX ARRANGE TO HAVE THE WARDOUS UTILITIES LOCATED, AND TO HAVE
HER PREVIOUR OF RELOCATED, OR TO DETERMANE THE WETHOUS OF PROTECTION COMPARISOR SHALL
CONDUCT ITS WORK IN THE VOANTY OF EXISTING UTILITIES IN ACCOUNTED. CONTRACTOR SHALL
CONDUCT ITS WORK IN THE VOANTY OF EXISTING UTILITIES IN ACCOUNTED. CONTRACTOR SHALL
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EXCANATE TO LOCATE BURED UTILITIES THE MOUGH IN ADMANCE OF ITS WORK TO ALLOW FOR HORIZONTAL
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EXCANATE TO LOCATE BURED UTILITIES THAT BURDOWN IN ADMANCE OF ITS WORK TO ALLOW FOR HORIZONTAL
EXCANATE TO LOCATE BURED UTILITIES THAT RESULTING FROM CONTRACTORS SHALL
EXCANATE TO LOCATE BURED UTILITIES THAT BURDOWN IN THE SHALL PROVINCING UTILITIES. NO ADJUSTMENT IN COUPERAGING OR
SCHEDULE WILL BE ALLOWED FOR DELAYS RESULTING FROM CONTRACTORS FAILURE TO CONTRACT MAD
CORDINATE WITH UTILITIES.

AND JOR VERTICAL ADJUSTMENTS TO ITS WORK AND/OR THE UTILITIES. NO ADJUSTMENT IN CONCENSION ON SCHEDULE WILL BE ALLOSED FOR DELAYS RESULTING FROM CONTRACTOR'S FAULE TO CONTRACT AND COORDINATE WITH UTILITIES.

3. WHEN THE WORK CROSSES EISTING UTILITIES, THE EXISTING UTILITIES SHALL BE ADEQUATELY SUPPORTED AND ADMINISTRATION OF THE THEORY OF THE WORK CROSSES EISTING UTILITIES. THE EXISTING UTILITIES SHALL BE ADDICATED AND WASHINNED THE ADMINISTRATION OF THE THEORY OF THE WORK AND ADMINISTRATION OF THE THEORY OF THE WORK AND ADMINISTRATION OF THE WORK AND NOT MODIFIED TO BE REVOYED AS PART OF THE WORK, AND NOT MODIFIED TO BE REVOYED AS PART OF THE WORK, AND NOT MODIFIED TO BE REVOYED OR PARAMONICS, SHALL BE RESIDED USING WATERULES AND INSTALLATION COULD IN THE UTILITIES. A STANDARDS.

4. CONTRACTOR SHALL MOTIFY LANDOWNERS, TENANTS AND THE EXCINCER PRIOR TO THE INTERPUPTION OF ANY SERVICES. SERVICE WISEPRIPIONIS SHALL BE REFORD TO THE UTILITIES AND CONDUITS IN SERVICE SERVICE AND CONDUITS OF THE WORK AND THE WORK AND THE CONTRACTOR SHALL BE DESTRACTED. SHALL CONTRACT OF THE WORK AND THE WORK AND THE CONTRACTOR SHALL BE DESTRATED AND CONDUITS IN SERVICE WISEPRIPADED AND CONDUITS IN SERVICE WISEPRIPADED AND CONDUITS OF THE WORK AND THE WORK AND THE CONTRACTOR SHALL BE PERSONAL OF THE WORK AND THE WORK OF THE CITY OF THE PROPERTY OF SO COORDINATE IN SERVICE AND THE WORK AND THE WORK OF THE WORK ON THE WORK OF THE WORK OF THE WORK ON THE WORK OF THE WORK OF THE WORK ON THE WORK OF THE WORK OF

CONTRACTOR.

CONCRETE AND ASPHALT

25 ALL FORMS SHALL BE INSPECTED BY THE ENDINEER BEFORE ANY CONCRETE IS PLACED. THE ENDINEER

WAY REQUIRE CONTRACTOR, AT NO ADDITIONAL COST, TO REMOVE AND REPLACE CONCRETE PLACED PRIDE

15 ALL METERAL BIRLY TORKE SHALL BE LEAN AND FREE OF ALL ROCKS AND OTHER LOOSE DEBRIS.

15 ALL METERAL SHALL BE CONVACTED BY WECHNICAL WEST.

27 CONCRETE SHALL NOT BE PLACED UNITES THE AR TEMPERATURE IS AT LEAST 40 DEGREES FARENHETT

(7) IN THE SHOPE AND RANGE.

28 CONCRETE SHALL NOT BE PLACED UNITES THE AR TEMPERATURE IS AT LEAST 40 DEGREES FARENHETT

(7) IN THE SHOPE AND RANGE.

28 CONCRETE SHALL NOT BE PLACED UNITES THE ARE TEMPERATURE.

23.00/20/20/20 ES SALL NOT BE PALCED UNITE STEEL DOWELS HAVE BEEN INSTALLED IN EXISTING CONCRETE
IN ACCORDANCE WITH DIT STRUMBARS.
23.1/27 PREVIOUSED EXPANSION JOINT WATERAL SHALL BE PLACED AT A WANGUIN OF 37 INTERNALS ON
NEW SCHARL, QUISA, CURS & DUTTER, AT EACH END OF THE NEW SCHARL SHALL BE ACH END OF
HANDLAP BAMPS, SOME POINT OF ENTRY ENTRY BANGS AND STEPS ADJUSTMENTS, AND ACKNO BUILDINGS
HANDLAP BAMPS, SOME POINT OF ENTRY BANGS AND STEPS ADJUSTMENTS, AND ACKNO BUILDINGS
HANDLAP BAMPS, BONE POINT OF ENTRY BANGS AND STEPS ADJUSTMENTS, AND ACKNO BUILDINGS
HANDLAP BAMPS, CORRES, CHARLES BONE BANGS AND STEPS ADJUSTMENTS, AND ACKNO BUILDINGS
THE NAREST JOHN DEVOLITION AND DEPOSAL COST TO BE INCLIDED IN OTHER UNIT BIO ITEMS BY
SEPARATE PARKENT WILL BE WANG FOR THE AND THE POINT OF CHARLOTTESYLLE. IT SHALL
BE REVIVED AND DELIVERS BY THE CONTRACTOR TO THE CITY OF CHARLOTTESYLLE. IT SHALL
BE REVIVED AND DELIVERS BY THE CONTRACTOR TO THE CITY OF CHARLOTTESYLLE. IT SHALL
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BE REVIVED AND DELIVERS BY THE CONTRACTOR TO THE CITY OF CHARLOTTESYLLE. IT SHALL
BE REVIVED AND DELIVERS BY THE CONTRACTOR THE PARKET PARKET THAN ABOUT BREAKS AT THE BEACH OF WARKS. GRAVE TO BE DONE IN SENTIL FIRST DAYS.

JUDICAL PARKET OF WARKS. GRAVE LONG THE SOUND STREET GRADE STRUCTURE AND WHERE APPLICABLE.

JUDICAL PARKET OF WARKS. GRAVE LONG THE SOUND STREET GRADE STRUCTURE AND WHERE APPLICABLE.

PARKETED AND THE SECOND THE BACK OF THE SOUNDAM CURB AN OUTTON A PROVIDED AN PREPARABLE OF PERPENDICULAR

TO THE DESCRIPTION OF TRAFFIC.

JUDICAL PROVIDE AND THE BACK OF THE SOUNDAM CURB AND CONTRACTOR BROWN ON THE SOUNDAM CONTRACTOR.

PARKEVAL SHALL BE COLD IN SOUNDAM WARE AND CONTRACTOR.

JUDICAL SHALL BE COLD IN SOUNDAM WAS BEEN AND CONTRACTOR BROWN OF A WANDOW.

JUDICAL SHALL BE COLD IN SOUNDAM WAS BEEN AND CONTRACTOR BROWN ON THE SOUNDAM CONTRACTOR.

PREVENT BOOK OF THE SOUNDAM CONTRACT

DRAINAGE

35 CONTROLOR SHALL EXERCISE CARE, ESPECIALLY AT INTERSECTIONS AND GUTTER LINES, TO PROVIDE POSITIVE DRAINAGE. ANY AREAS WHERE MATER IS IMPOUNDED SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL COST. POSITIVE DRAINAGE OF ALL RADAWAY AREAS TO THE STORM DRAIN INLETS OR OTHER ACCUPATIONAL DRAINAGE CHANNELS AS INDICATED, DRAINAGE STRUCTURES, CULVERTS AND FLOWS AND ALL THESE DRAINS THE MOSE STRUCTURES, DRAINAGE STRUCTURES, CULVERTS AND FLOWS AND ALL THESE DRAINS THE MOSE ASSETTION OF A SESSIOL OF THE MUSIC OF MANIAN ARCQUIATE DRAINAGE WHO PROPERTY DAMAGE WHICH ANY OCCUP AS A SESSIOL OF FAUNDING TO MANIAN ARCQUIATE DRAINAGE HEROE BRING BRANCH AND ADDITIONAL DRAIN ASSETTION OF A SESSIOL OF THUMBED ON THE MOSE REFORE BRING BRANCH AND ADDITIONAL COST. TO LUCCOVER AND RE-COVER SUCH STRUCTURES IF THEY HAVE BEEN BACKFILLED OR BURNED WITHOUT SUCH INSPECTION.

DISCOVER AND RE-CUDITY SUCH SIMULIUMES W INC. TAME SECON BRACINESS ON BUSINESS MINION MISSEEDING.

39.AL CAICLES ASSISS EXCOURAGES WITHIN NEW CONSTRUCTION SHALL BE CONVERTED TO DROP INLETS.

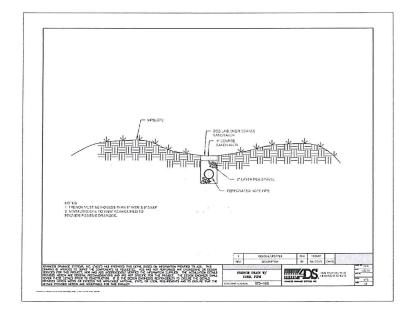
40. ALL STATES ASSISSED FOR A REDUCTION IN STONE DEPTH FROM 2.0" TO A NOTION OF THE PROPERTY OF CONTRACTOR AND IF NOT SALVAGED FOR RE-USE, SMALL BE DISCOSED OF LANDILLY.

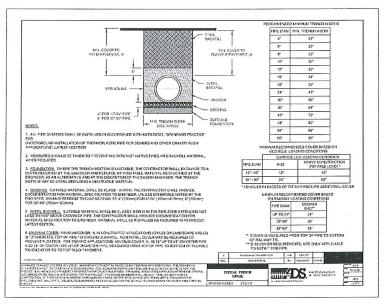
42.ALL STORM SERVER PIPE AND DROP INLETS SHALL BE CLEARED OF DEBNS AND ERODED MATERIAL PRIOR TO FINAL RECEPTIONS.

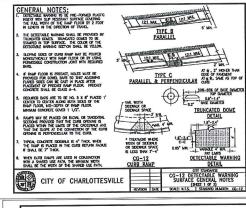
43.ALL STORM SERVER PIPE JOINTS SHALL BE SEATED AND SEALED IN ACCORDANCE WITH THE WANDFACTURERS SPECIFICATIONS.

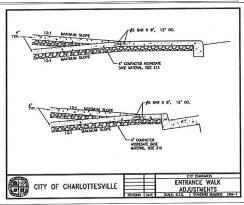
MANUFACTURES'S SPECIFICATIONS

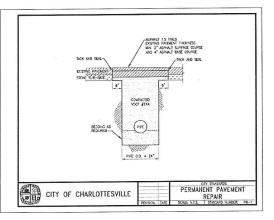
44 ALL EXISTING PROOF DRAWS AND OTHER DRAWAGE CONDUIT INTO EXISTING PIPE SHALL BE TIED INTO
NEW PIPE A.L EXISTING PROOF DRAWS AND OTHER DRAWAGE CONDUIT BLOCKED OR DISRUPTED FROM
THEIR PRE-CONSTRUCTION.

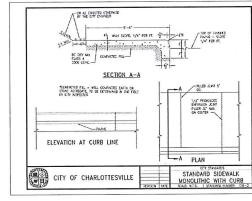


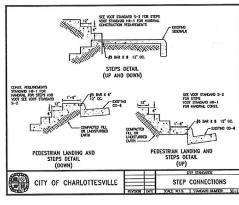


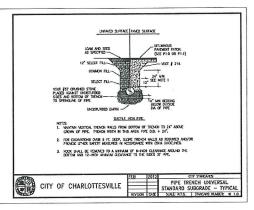


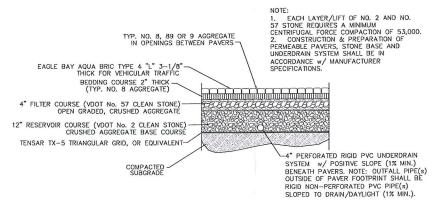










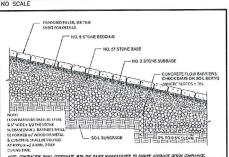


PERMEABLE PAVERS PAVEMENT DESIGN

NOTES:

BECAUSE THE SOIL UNDERNEATH THE PROPOSED LOCATION OF THE PAYERS IS FROM PREVIOUS CONSTRUCTION ACTIVITY. THE
CONTRACTOR SHALL CONDUCT A GEOTECHNICAL INVESTIGATION OF THE SOIL UNDERNEATH THE PROPOSED PAYERS AFTER FINAL CRADE
CONTRACTOR SHALL PROPOSED PAYERS AFTER FINAL GRADE
RESULTS PRIOR TO ORDERING AND INSTALLATION OF THE STOLE BASE FOR THE PERMEABLE PAYERS TO ENSURE AN ADEQUATE DESIGN.
2. ALL OPEN GRADED STOLE LAYERS SHALL BE CLEAN AE DOUBLE WASHED IN ACCORDANCE WITH DOR REALT AND ANY STONE IS
SCREENED TO SIZE AND THE BULK OF THE FINES/DUST IS REMOVED, BUT THERE IS STILL DUST ON THE STONE. "WASHED THROUGH THE SCREENING PROCESS AND/OR MANUALLY WASHED STOLE IS
WASHED THROUGH THE SCREENING PROCESS AND/OR MANUALLY WASHED STOLE IS
WERE UNDERDRAIN CLEANOUTS ARE PROPOSED WITHIN PAYED AREAS & ARE SUBJECT TO VEHICULAR TRAFFIC, CLEANOUTS SHALL BE
BENCASED IN 485 "CONCRETE FOR THE UPPER 24". THE CLEANOUT FRAME & UD SHALL BE CONSTRUCTED OF CAST IRON, OR A SIMILAR
MATERIAL THAT IS STRUCTURALLY FORTIFIED.

PERMEABLE PAVERS CHECK DAM DETAIL





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122077 SCALE 1"=10' SHEET NO.