Government of the District of Columbia

Department of Transportation



d. Planning and Sustainability Division

October 15, 2020

Tom Luebke, FAIA
Secretary
Commission of Fine Arts
401 F Street, N.W., Suite 312
Washington, D.C. 20001

Re: Water Street Trailhead Restoration Project

Dear Mr. Luebke:

The District Department of Transportation (DDOT) in support of our partners – the National Park Service (NPS) and the Georgetown Business Improvement District (BID), seek concept review and approval from the Old Georgetown Board and the Commission of Fine Arts during the November meetings for the proposed Water Street Trailhead Restoration Project.

The project is located at the junction of the Capital Crescent Trail with the C&O Canal National Historical Park (C&O Canal NHP) located at 36th and Water Streets, NW in Georgetown. The current conditions at the project site include a crumbling concrete staircase and an area of poorly drained hard packed soil serving as the trailhead meeting point. DDOT has provided funding to the Georgetown BID, using a Federal Highway Administration Transportation Alternatives Program (TAP) grant intended to promote non-auto transportation modes. This project will restore an existing staircase and improve the trailhead at the bottom of the stairs. While not part of the NPS Georgetown Canal Plan, it is consistent with that planning effort and will provide a new connection between the C&O Canal NHP Towpath and the Capital Crescent Trail. The project corrects safety deficiencies in the existing stairs and trailhead meeting area.

Should you require additional information, please feel free to contact Kelsey Bridges at 202-741-5835 or kelsey.bridges@dc.gov or Tammy Stidham at (202) 619-7025 or tammy stidham@nps.gov.

Sincerely,

Anna Chamberlin
Associate Director

cc:

Tammy Stidham, National Park Service



WATER STREET TRAILHEAD OLD GEORGETOWN BOARD CONCEPT SUBMISSION

5 NOVEMBER 2020

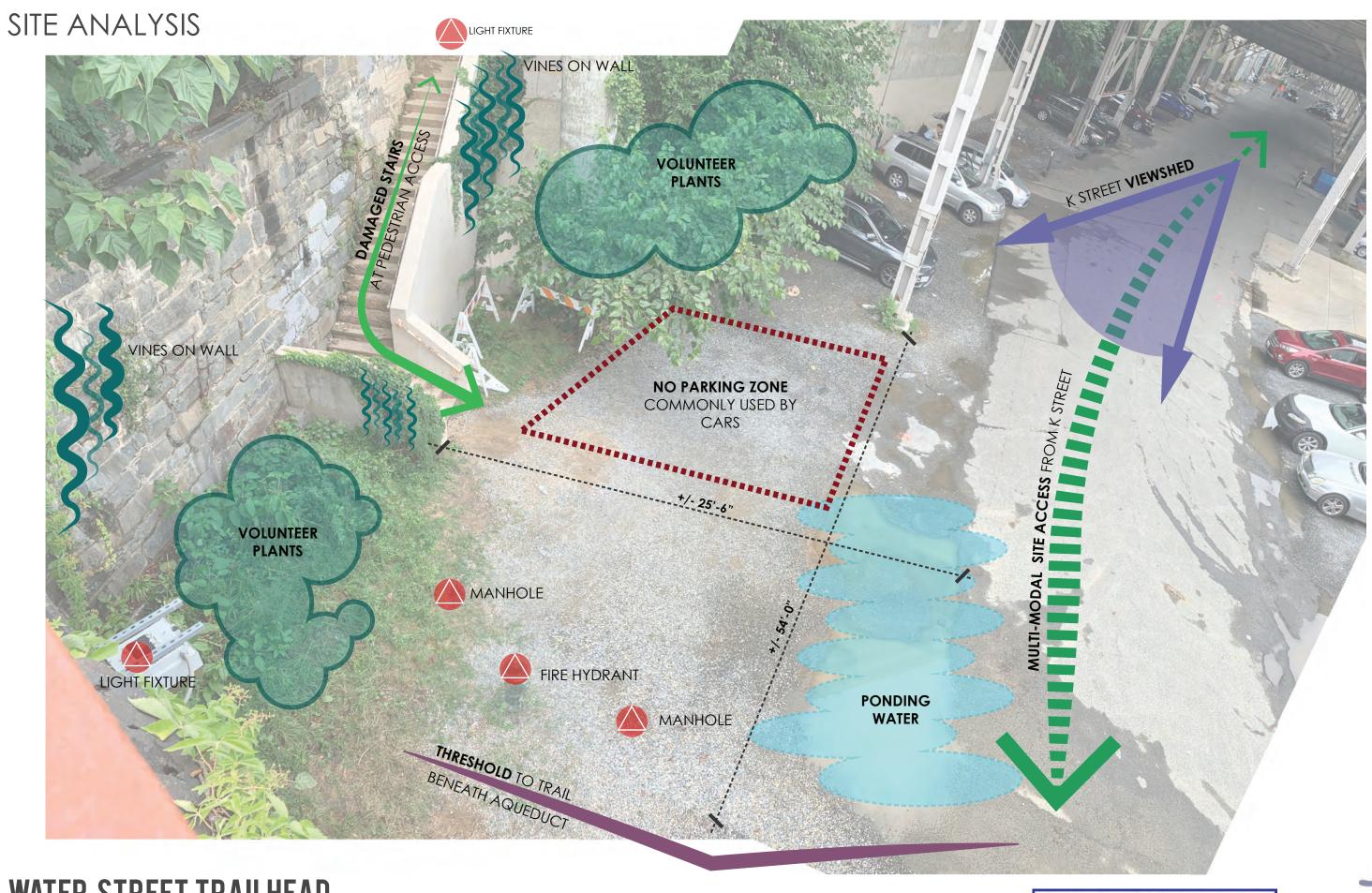




LOCATION

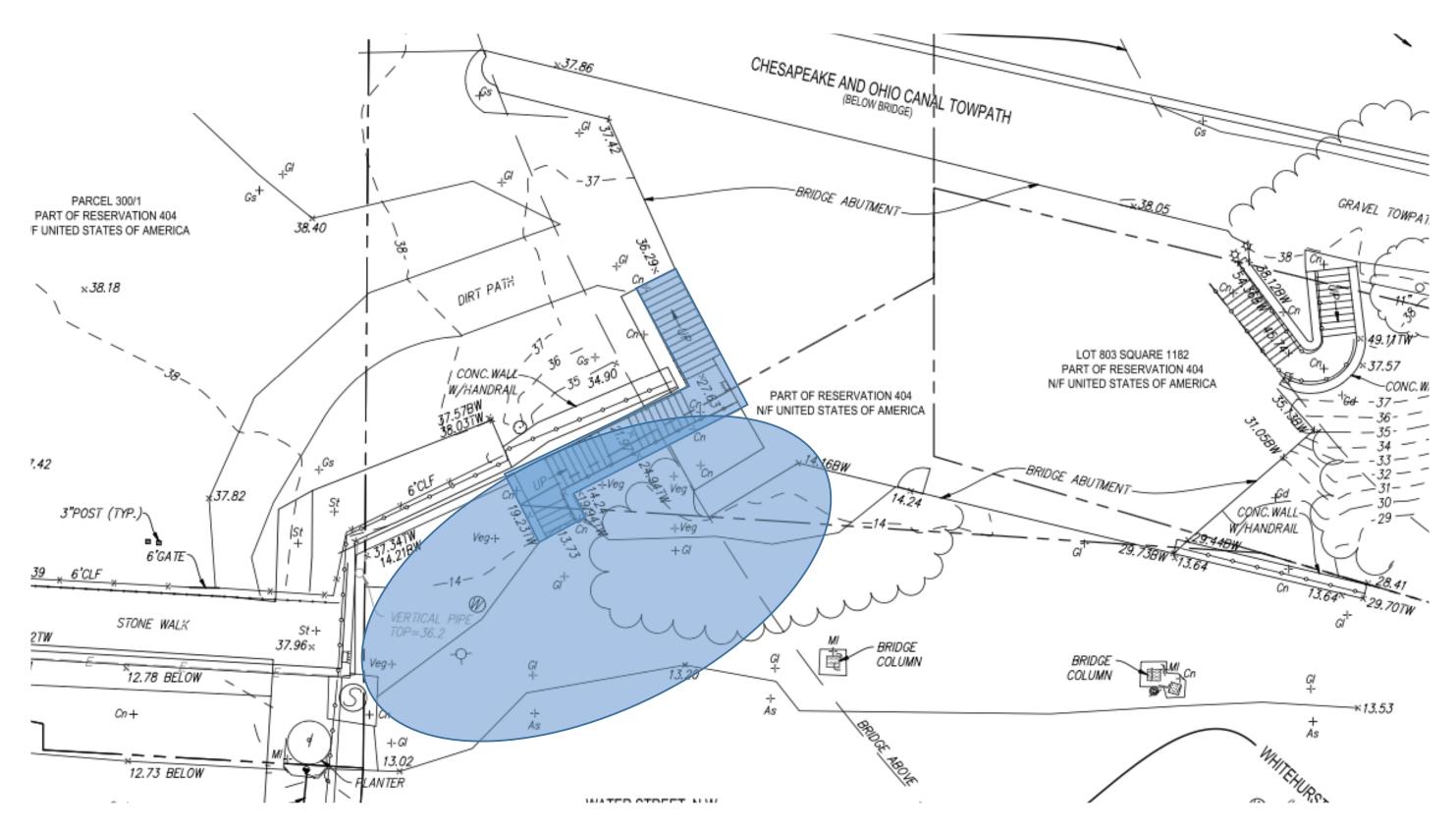






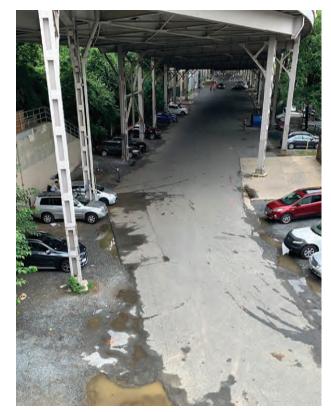
BRADLEY SITE DESIGN

SITE SURVEY





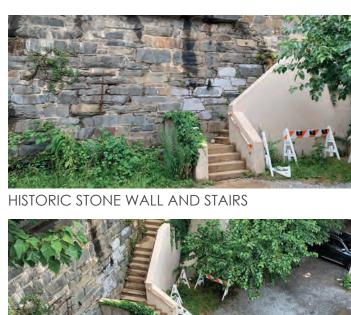
EXISTING CONDITIONS



SITE APPROACH FROM K STREET



TRAILHEAD GATEWAY THRESHOLD









THRESHOLD FROM C&O CANAL TO TRAILHEAD SITE



ORNAMENTAL RAIL AT ALEXANDRIA AQUEDUCT



GRAFFITI AT ALEXANDRIA AQUEDUCT



CONCRETE STAIRS FROM C&O CANAL



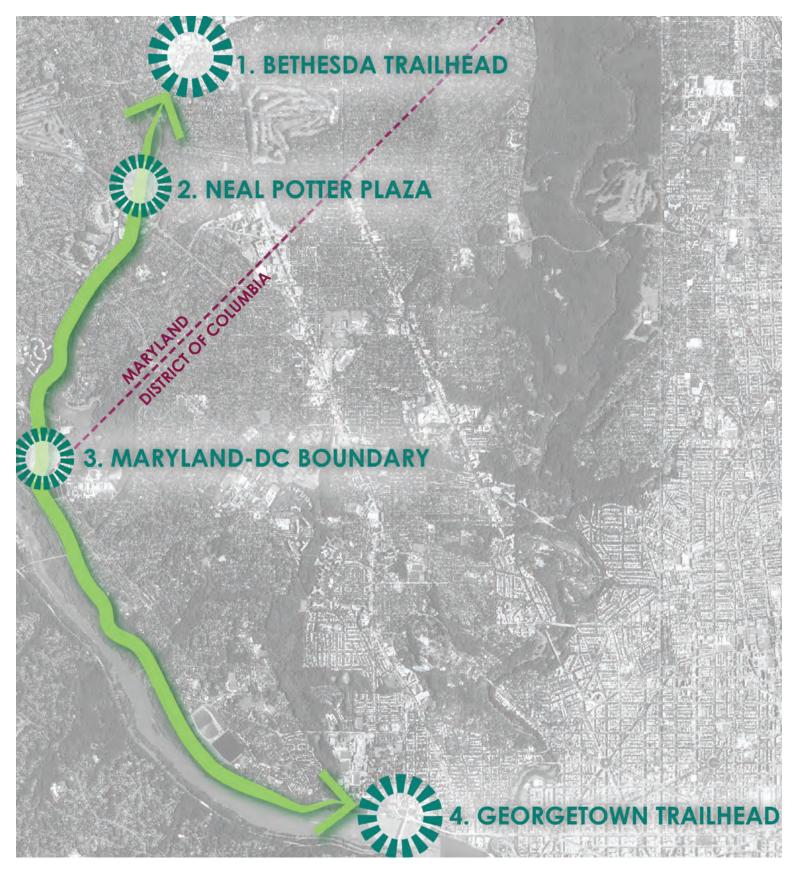
GEORGETOWN TOWPATH







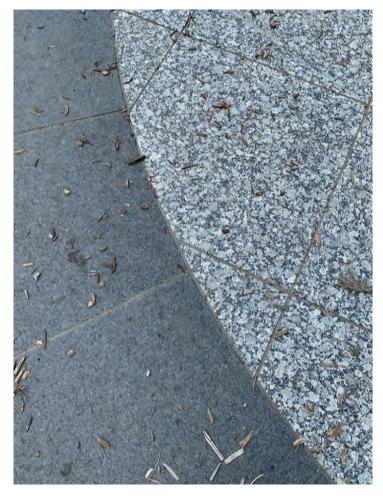
CAPITAL CRESCENT TRAIL - CONTEXTUAL NODES



1. BETHESDA TRAILHEAD















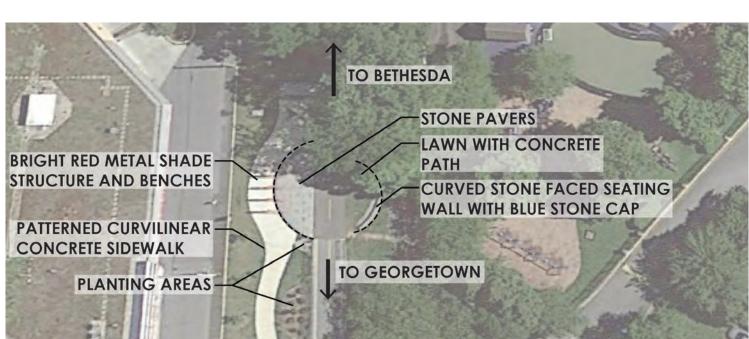
CAPITAL CRESCENT TRAIL - CONTEXTUAL NODES

2. NEAL POTTER PLAZA









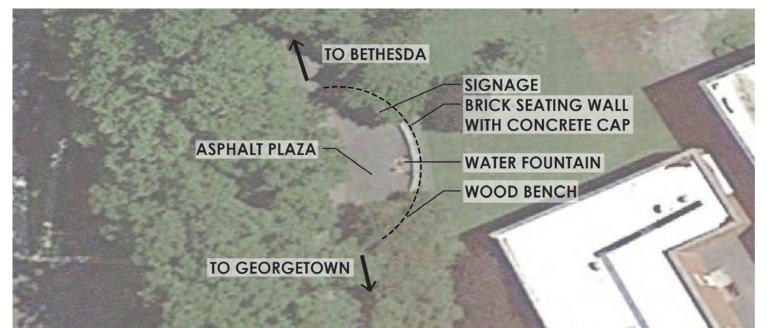
3. MARYLAND-DC BOUNDARY









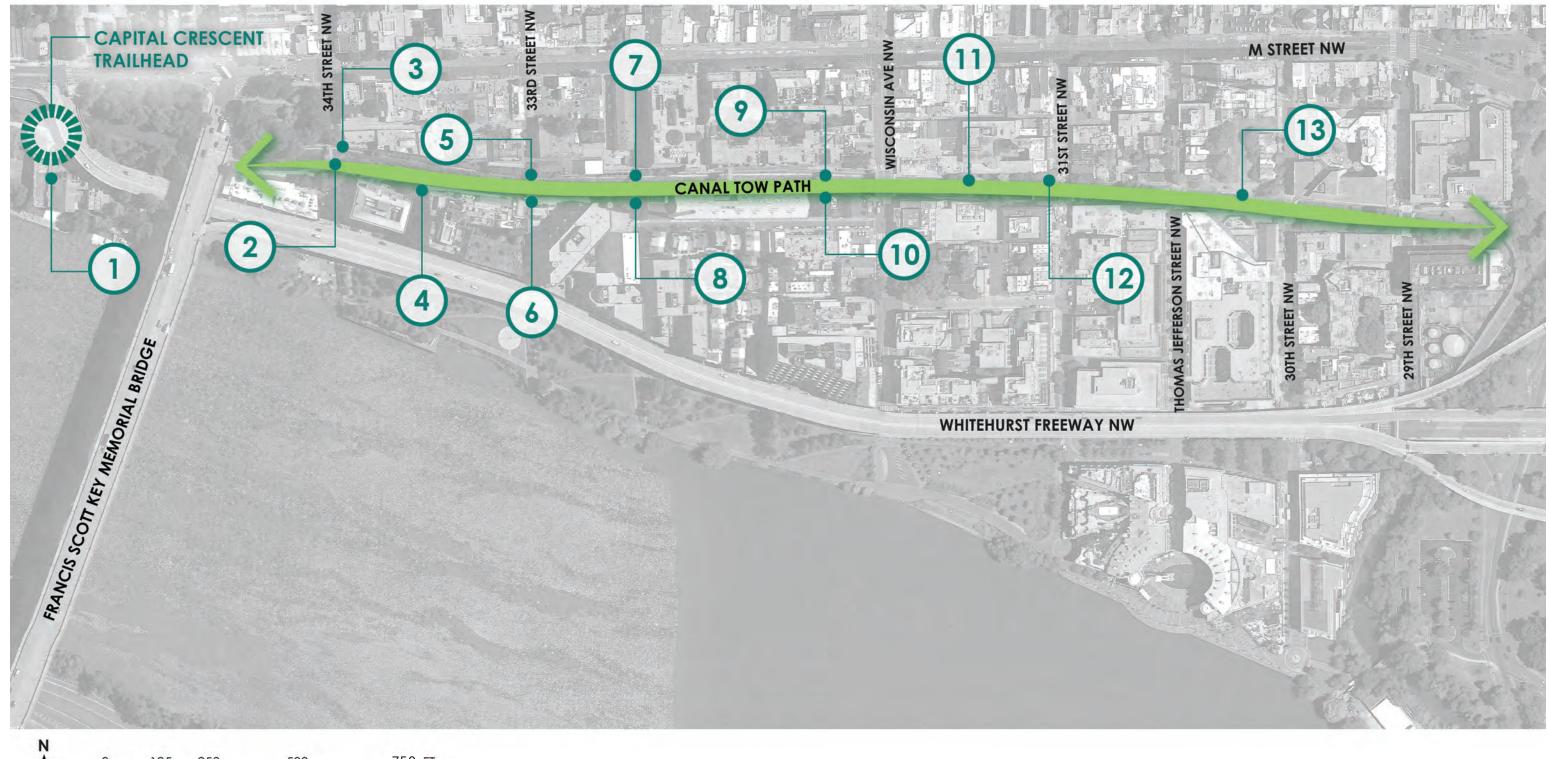


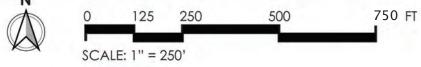






GEORGETOWN - CONTEXTUAL NODES AND MATERIALS











GEORGETOWN - CONTEXTUAL NODES AND MATERIALS



1 CAPITAL CRESCENT TRAILHEAD



2 34TH STREET BRIDGE



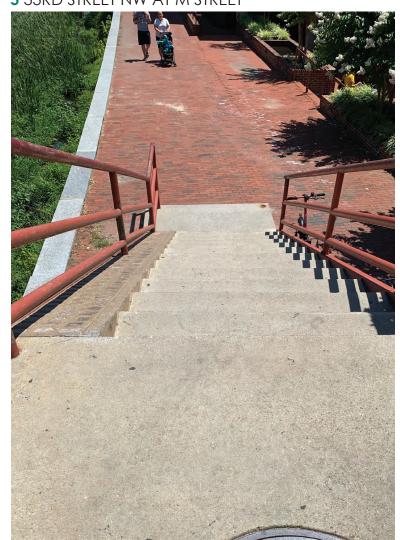
3 FRANCIS SCOTT KEY PARK



4 34TH STREET CONNECTION AT WATER STREET



5 33RD STREET NW AT M STREET



6 33RD STREET NW AT WATER STREET



7 FISH MARKET PLAZA AT THE SOUTH



7 FISH MARKET PLAZA AT THE SOUTH



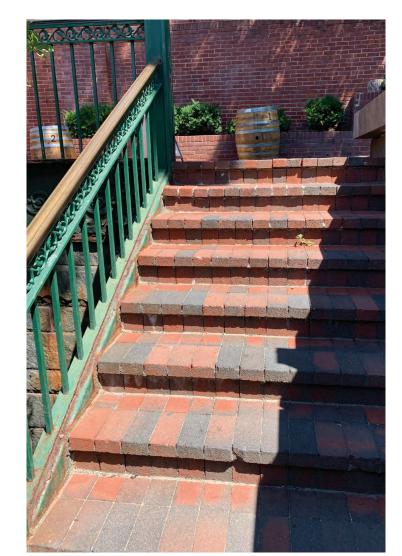




GEORGETOWN - CONTEXTUAL NODES AND MATERIALS



8 FISH MARKET PLAZA AT THE CANAL



9 PINSTRIPES CANAL CONNECTION



10 PINSTRIPES CANAL CONNECTION



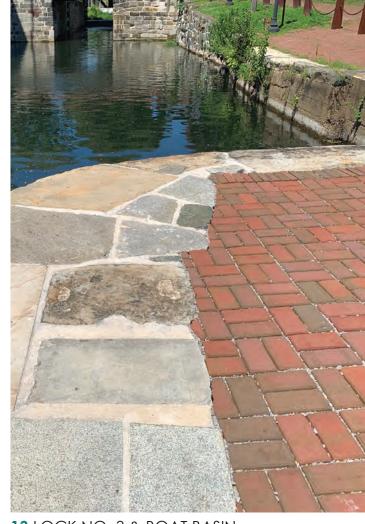
10 PINSTRIPES CANAL CONNECTION



11 PRIVATE ACCESS STEPS



12 31ST STREET NW ACCESS



13 LOCK NO. 3 & BOAT BASIN



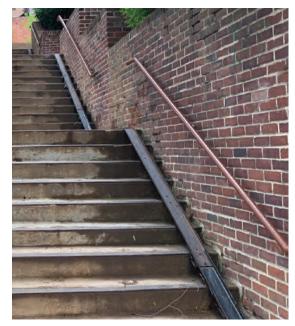
13 LOCK NO. 3 & BOAT BASIN





WATER STREET TRAILHEAD

CONTEXTUAL NODES AND FEATURES IN GEORGETOWN



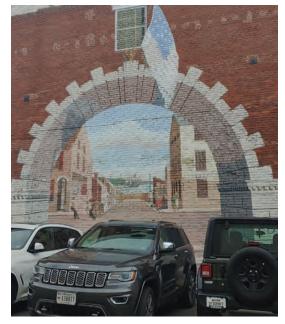
ACCESSIBLE BIKE RAIL AT 34TH STREET PAVED BIKE RAIL INTEGRATED NW CONNECTION TO CANAL



INTO STAIRS AT C&O TRAIL



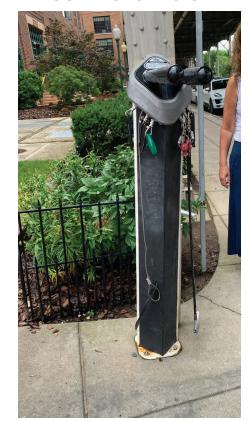
WALL TREATMENT ALONG K STREET AT THE BERLINER



WALL TREATMENT AT PNC BANK ON M STREET



SEPARATION OF VEHICULAR AND PEDESTRIAN TRAFFIC AT CANAL ENTRANCE



34TH STREET NW BIKE REPAIR STATION





PAVEMENT TREATMENT AT K STREET **CROSSINGS**



GEORGETOWN WATERFRONT PARK WITH MIXED HARDSCAPE MATERIALS



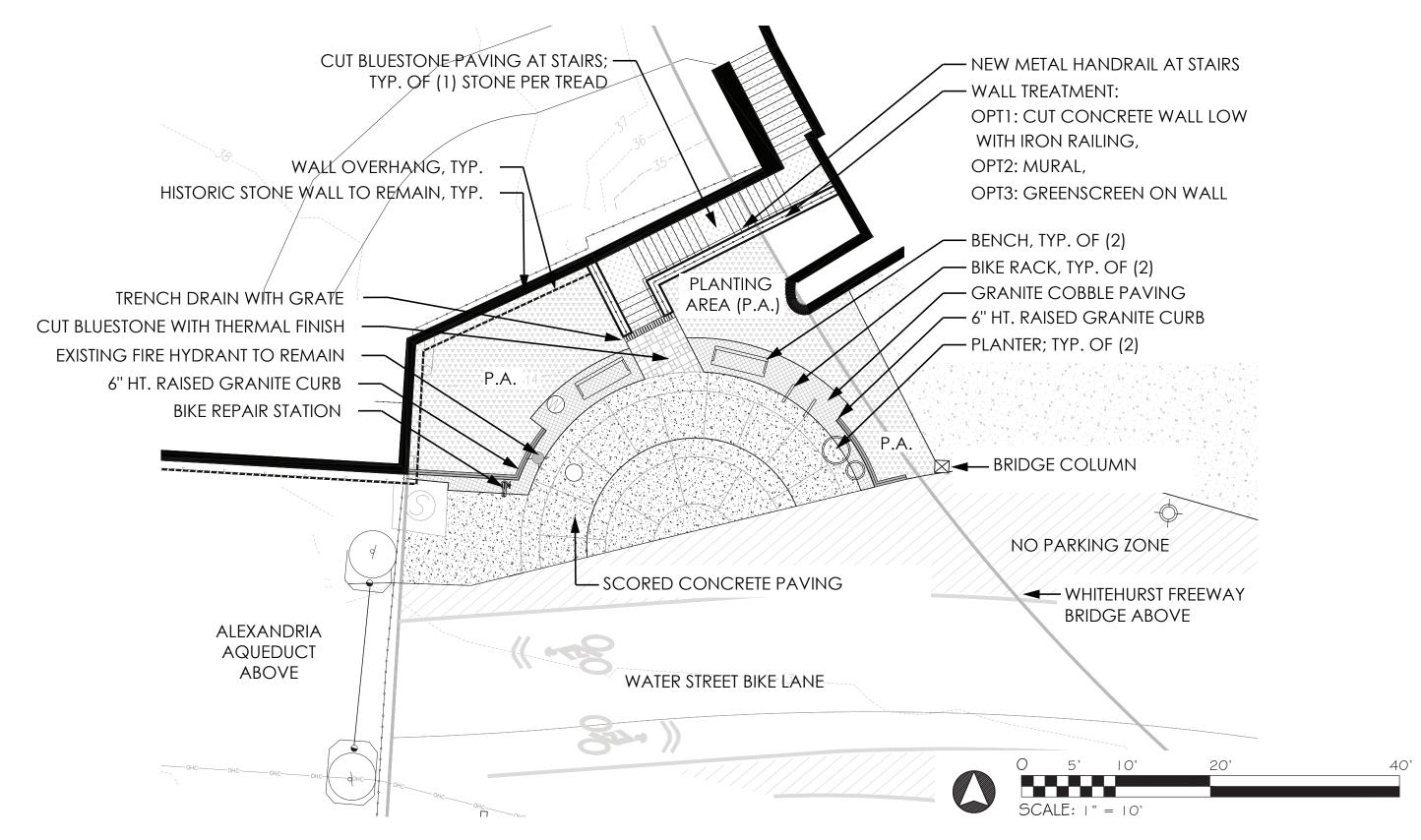
LUSH NATIVE PLANTINGS AT BIORETENTION







GEORGETOWN TRAILHEAD - SITE PLAN

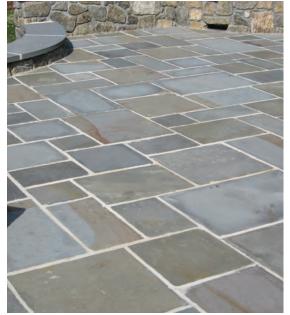








PRECEDENT IMAGERY









CUT BLUESTONE

BLUESTONE STEPS

SHALLOW RAIN GARDEN AT STREET

MULTILEVEL RAINGARDEN AT STREET











WORD STYLIST MURALS

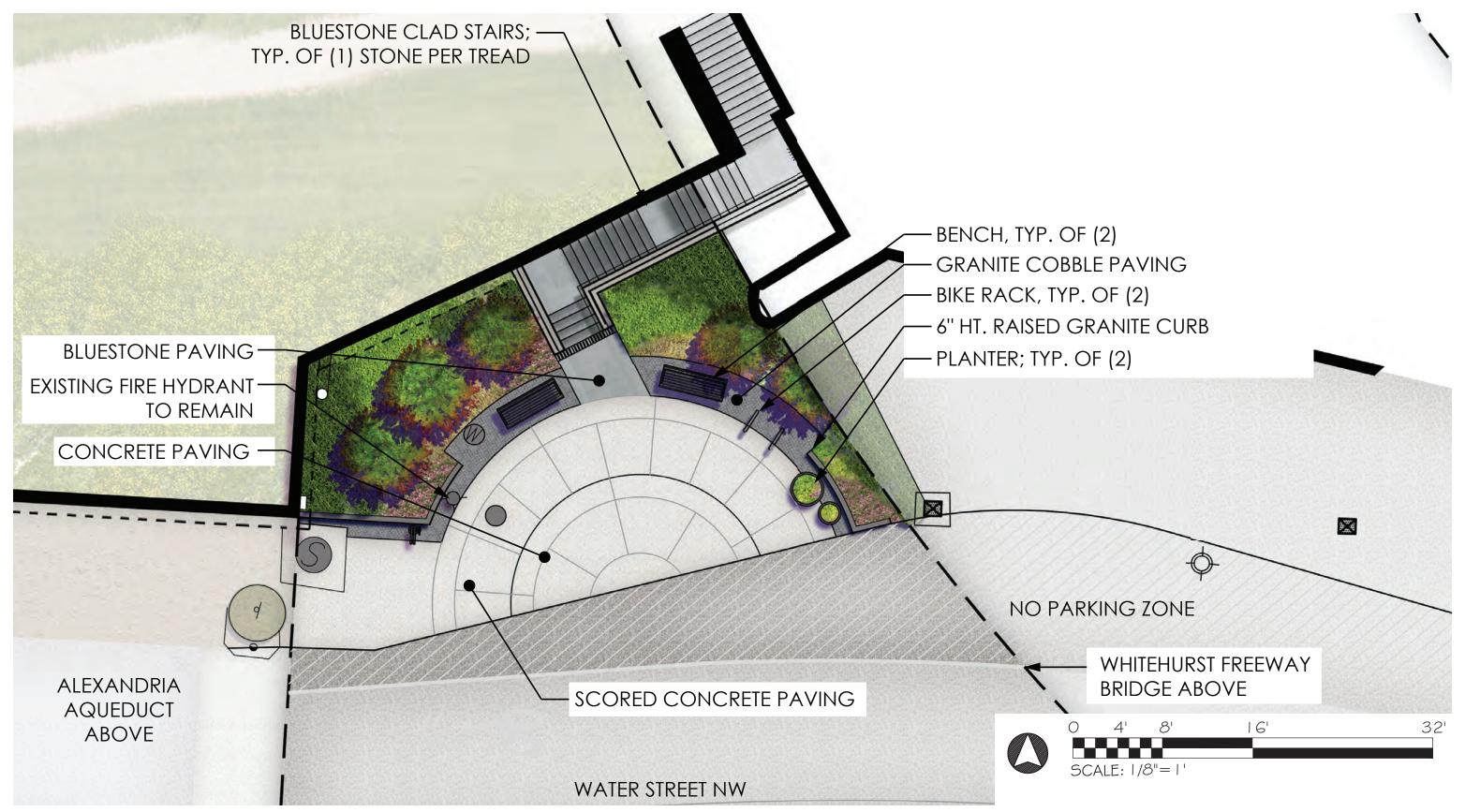
RAISED GRANITE CURB

SITE FURNISHINGS



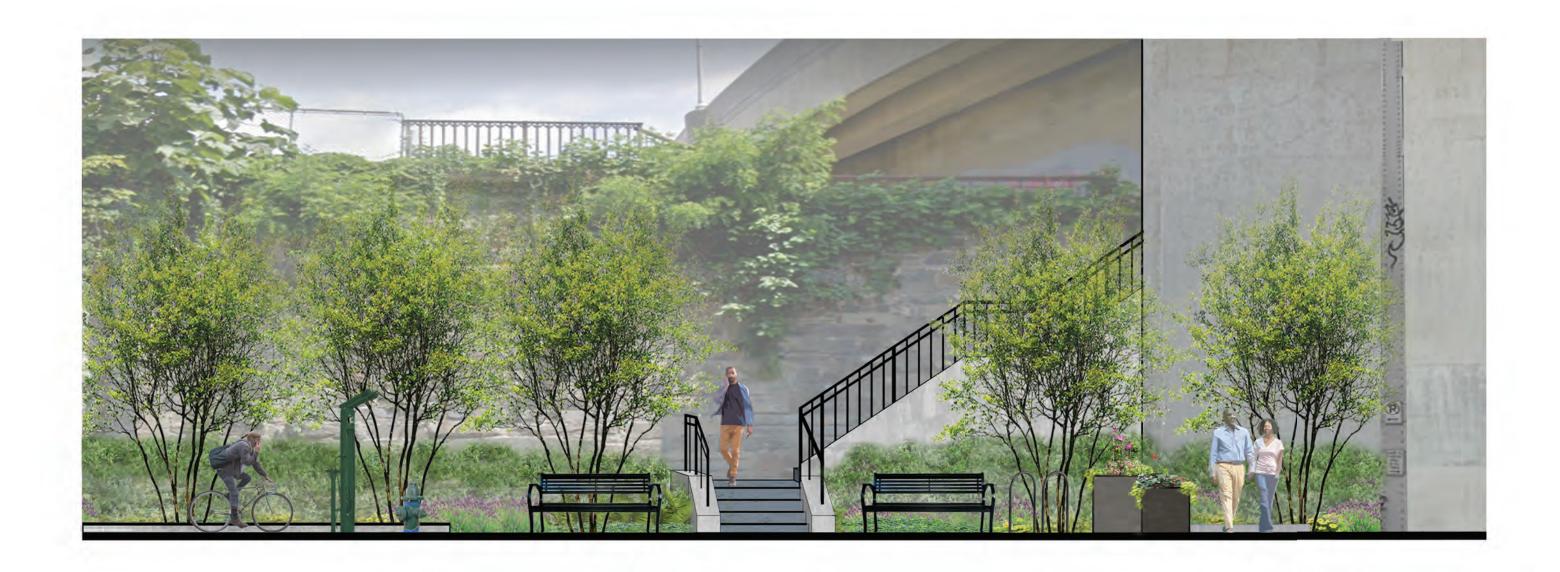


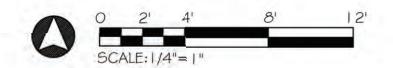
GEORGETOWN TRAILHEAD - ILLUSTRATIVE PLAN





GEORGETOWN TRAILHEAD - SITE ELEVATION



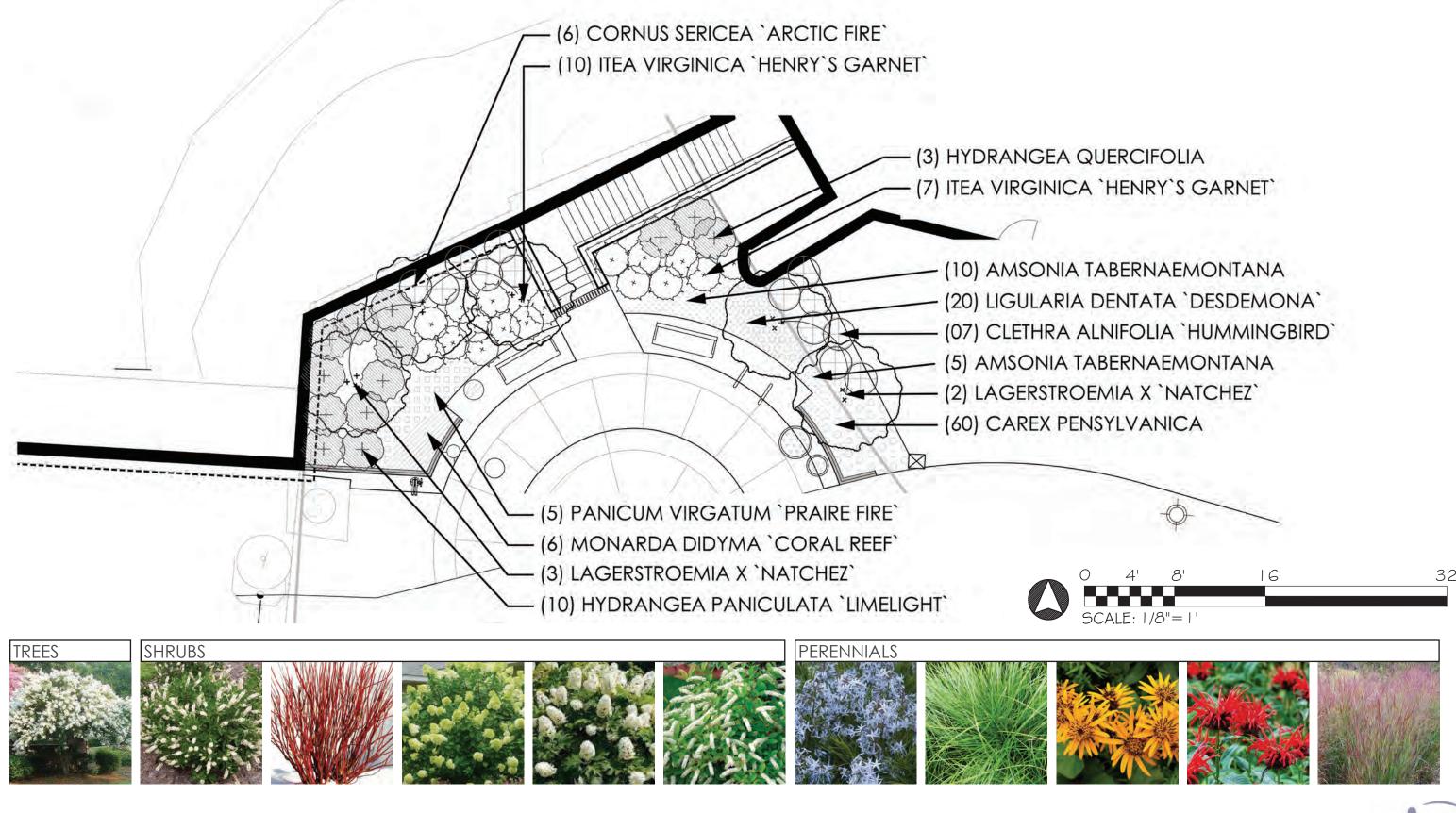








GEORGETOWN TRAILHEAD - PLANTING PLAN









WATER STREET TRAILHEAD

WATER STREET NW WASHINGTON, DC 20007 75% CD PACKAGE



BRADLEY SITE DESIGN, INC.

LANDSCAPE ARCHITECTURE WASHINGTON, DC 20007 P: 202.695.8056



GENERAL NOTES:

- THE CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE CONDITIONS OF THE SITE. THE CONTRACTOR SHALL THOROUGHLY EXAMINE AND BE FAMILIAR WITH THE DRAWINGS AND SPECIFICATIONS. AFTER VISITING THE SITE OR DURING CONSTRUCTION, SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES, OMISSIONS, AMBIGUITIES, OR CONFLICTS IN OR AMONG THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO THEIR MEANING, HE SHALL BRING THESE ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR DIRECTION BEFORE PROCEEDING
- 2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
- THE CONTRACTOR SHALL IDENTIFY ALL STAGING AREAS AND LIMIT OF DISTURBANCE FOR APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER PRIOR TO THE START OF WORK. AREAS OUTSIDE THE LIMIT OF DISTURBANCE SHALL NOT BE USED FOR STORAGE OR MOVEMENT OF MATERIALS, MACHINERY, OR DEBRIS.
- THE CONTRACTOR SHALL DISTRIBUTE ALL MATERIALS AND EQUIPMENT AND SPREAD ANY STOCKPILES IN SUCH A MANNER AS TO PROTECT EXISTING CONDITIONS, SUCH AS UTILITIES, PAVING, VEGETATION, ETC. DO NOT STOCKPILE SOIL OR CONSTRUCTION MATERIALS, OR DRIVE VEHICLES WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE OWNER'S REPRESENTATIVE FOR ALL CONSTRUCTION ACCESS AREAS, STAGING, AND STOCKPILE AREAS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING CONDITIONS UNLESS OTHERWISE NOTED. METHODS USED TO PROTECT EXISTING CONDITIONS SHALL BE MAINTAINED AND REPLACED IF DAMAGED DURING CONSTRUCTION. COST OF REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- PROMPTLY REPAIR ALL DAMAGE TO EXISTING PAVEMENT, DRIVEWAYS, AND ADJACENT FACILITIES CAUSED BY CONSTRUCTION OPERATIONS.
- 7. THE CONTRACTOR SHALL PROVIDE MOCK-UPS OF VERTICAL AND HORIZONTAL SURFACES PER NOTES ON DETAILS FOR OWNER'S REPRESENTATIVE TO APPROVE IN THE FIELD PRIOR TO CONSTRUCTION, ALL MOCK-UPS SHALL BE PRESERVED AND PROTECTED SO THAT THEY CAN BE USED FOR REFERENCE DURING CONSTRUCTION, DO NOT REMOVE OR DESTROY MOCK-UPS UNTIL CONSTRUCTION IS COMPLETE.
- 8. SUBSTITUTIONS IN PRODUCTS AND MATERIALS ARE NOT ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT.
- 9. THE CONTRACTOR SHALL KEEP THE DRIVEWAY AND OTHER VEHICULAR ACCESS AREAS CLEAN DURING CONSTRUCTION. PAVED AREAS SHALL BE WASHED FREE OF MUD ON A WEEKLY BASIS
- 10. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND FREE OF TRASH AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE A TRASH RECEPTACLE TO BE USED ON SITE DURING CONSTRUCTION AND SHALL REMOVE TRASH FROM THE SITE ON A DAILY BASIS.
- II. UPON COMPLETION OF THE PROJECT, ALL EXCESS SOIL, TEMPORARY FENCING, EROSION CONTROL MEASURES, STABILIZATION MATERIALS, AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. ALL PAVED AREAS, WALLS, ETC. SHALL BE THOROUGHLY WASHED AND CLEANED UPON COMPLETION OF THE PROJECT.
- 12. THE CONTRACTOR SHALL BE ON SITE AT THE TIME OF ALL MATERIALS DELIVERIES
- 1.3 PROPOSED GRADING SHALL MEET EXISTING GRADES UNIFORMLY WITH A SMOOTH TRANSITION

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TRAIL

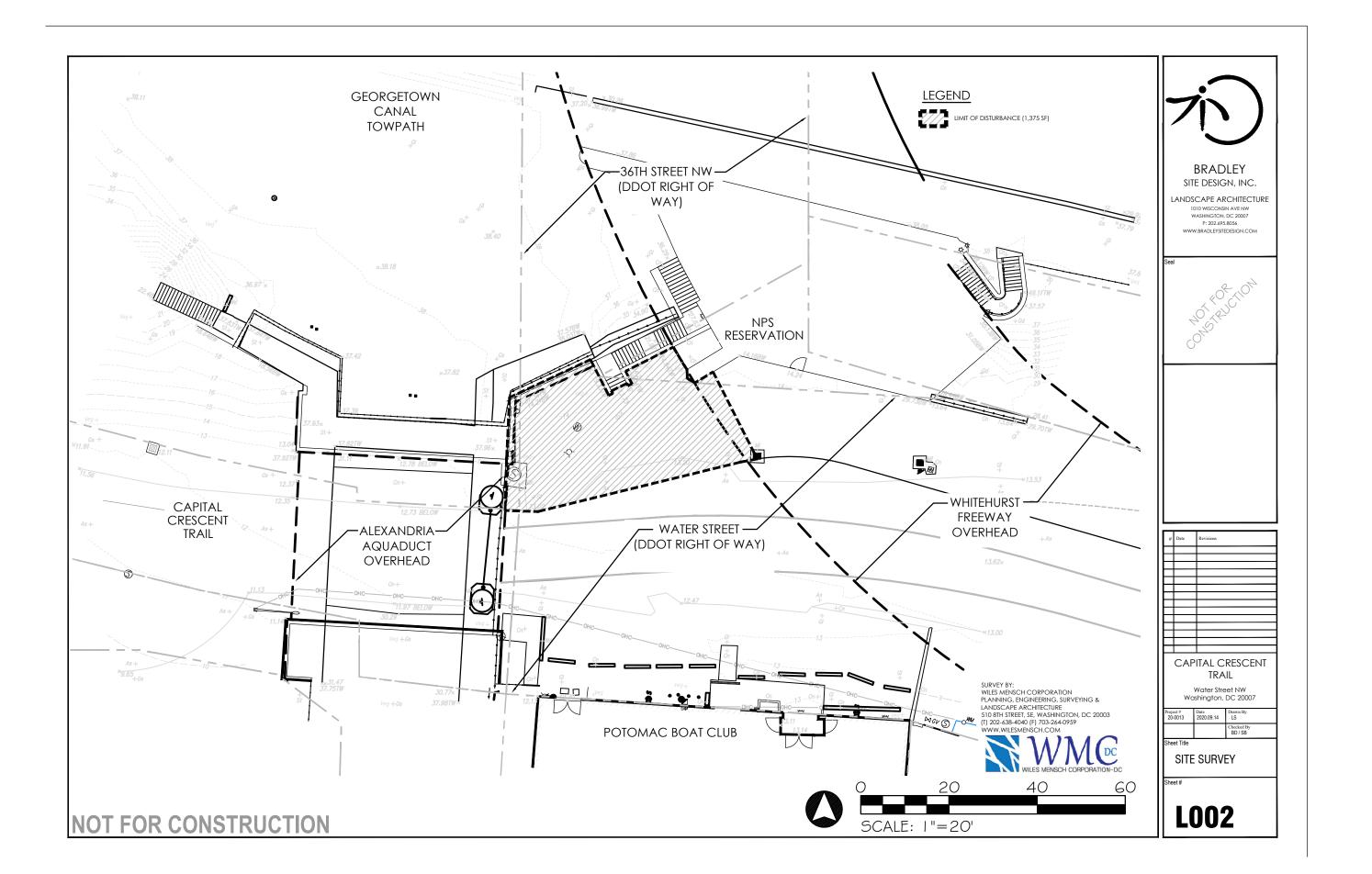
Water Street NW Washington, DC 20007

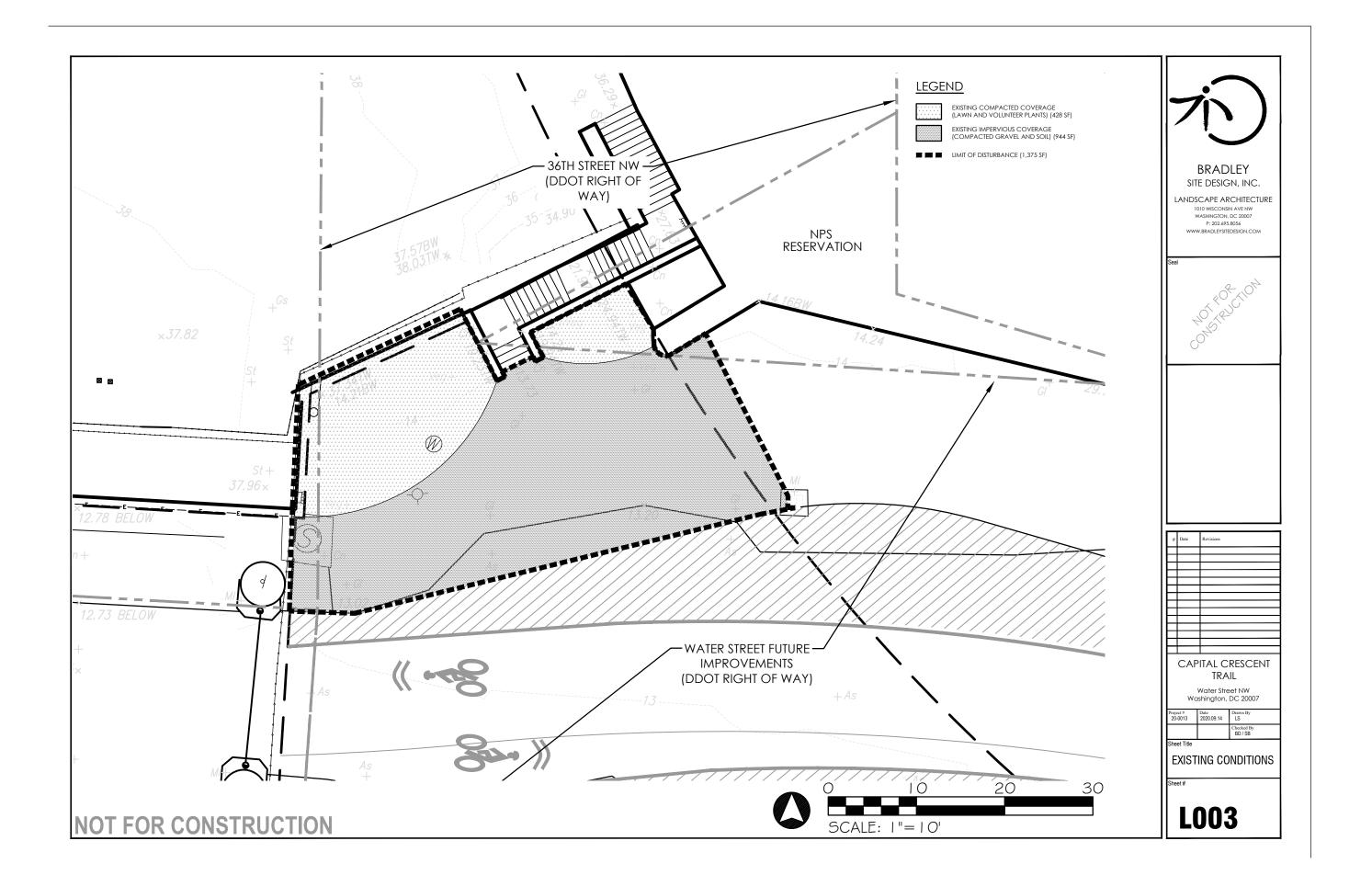
Project # 20-0013	Date 2020.09.14	Drawn By LS
		Checked By BD / SB
Sheet Title		

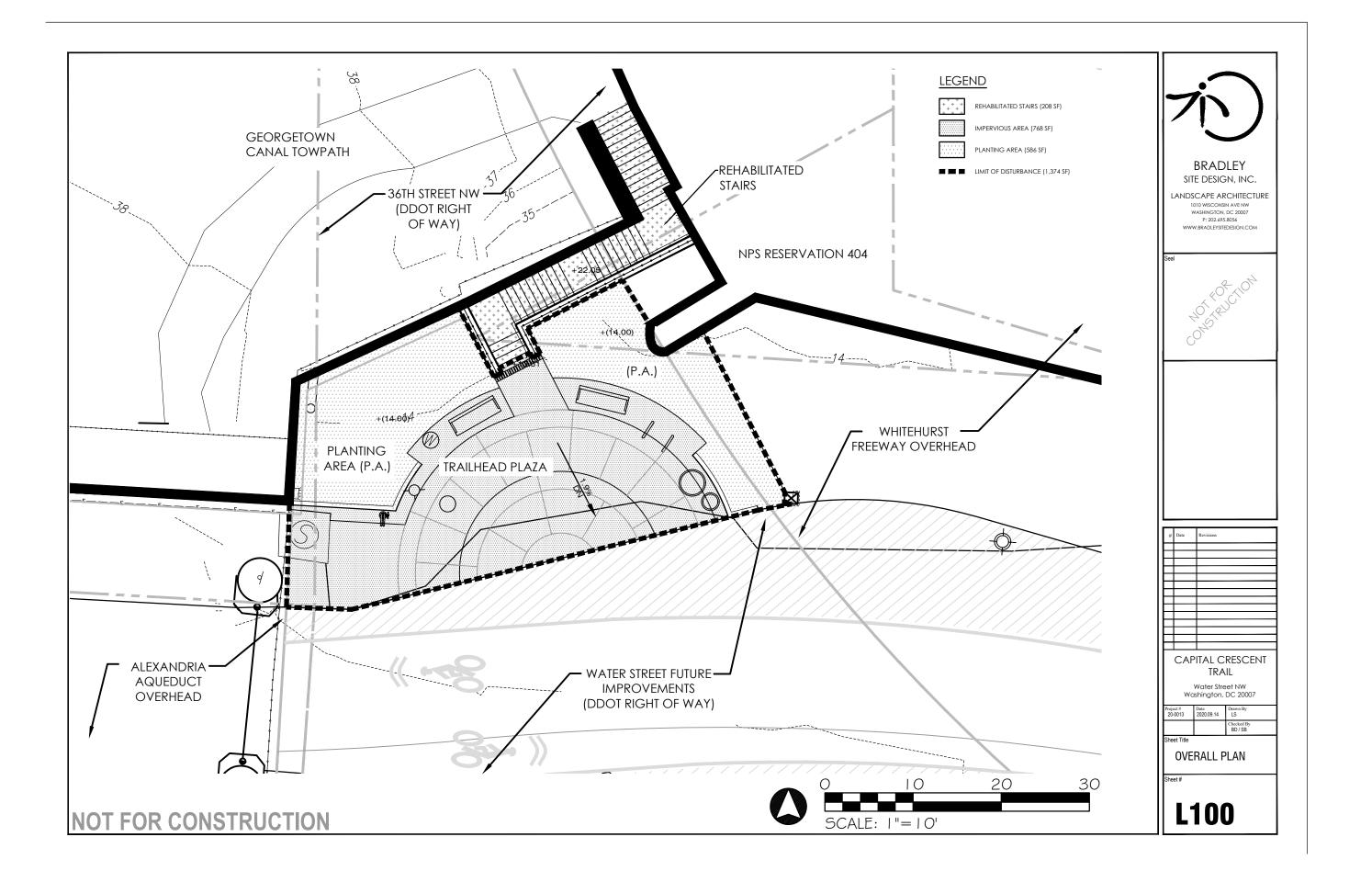
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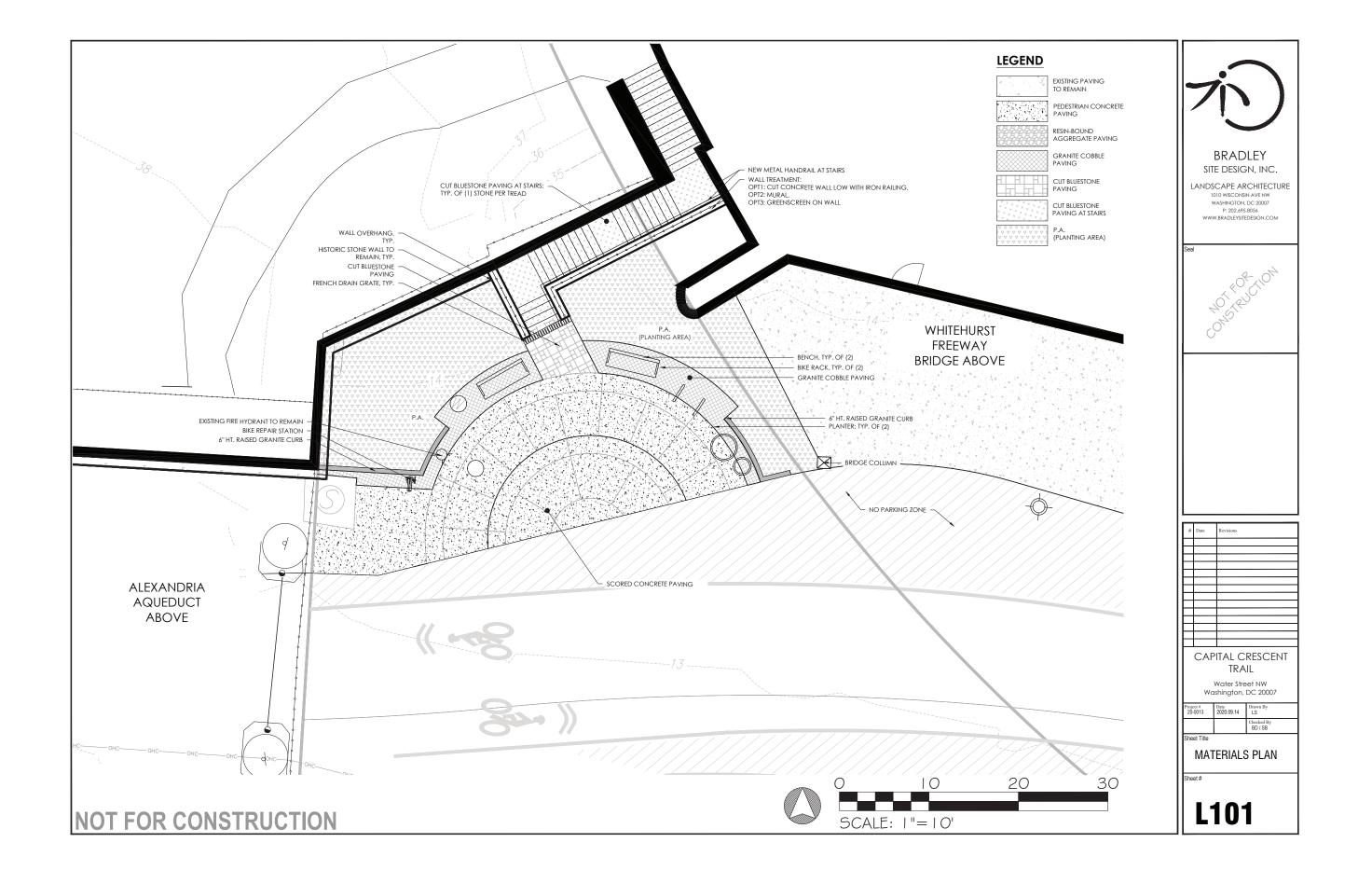
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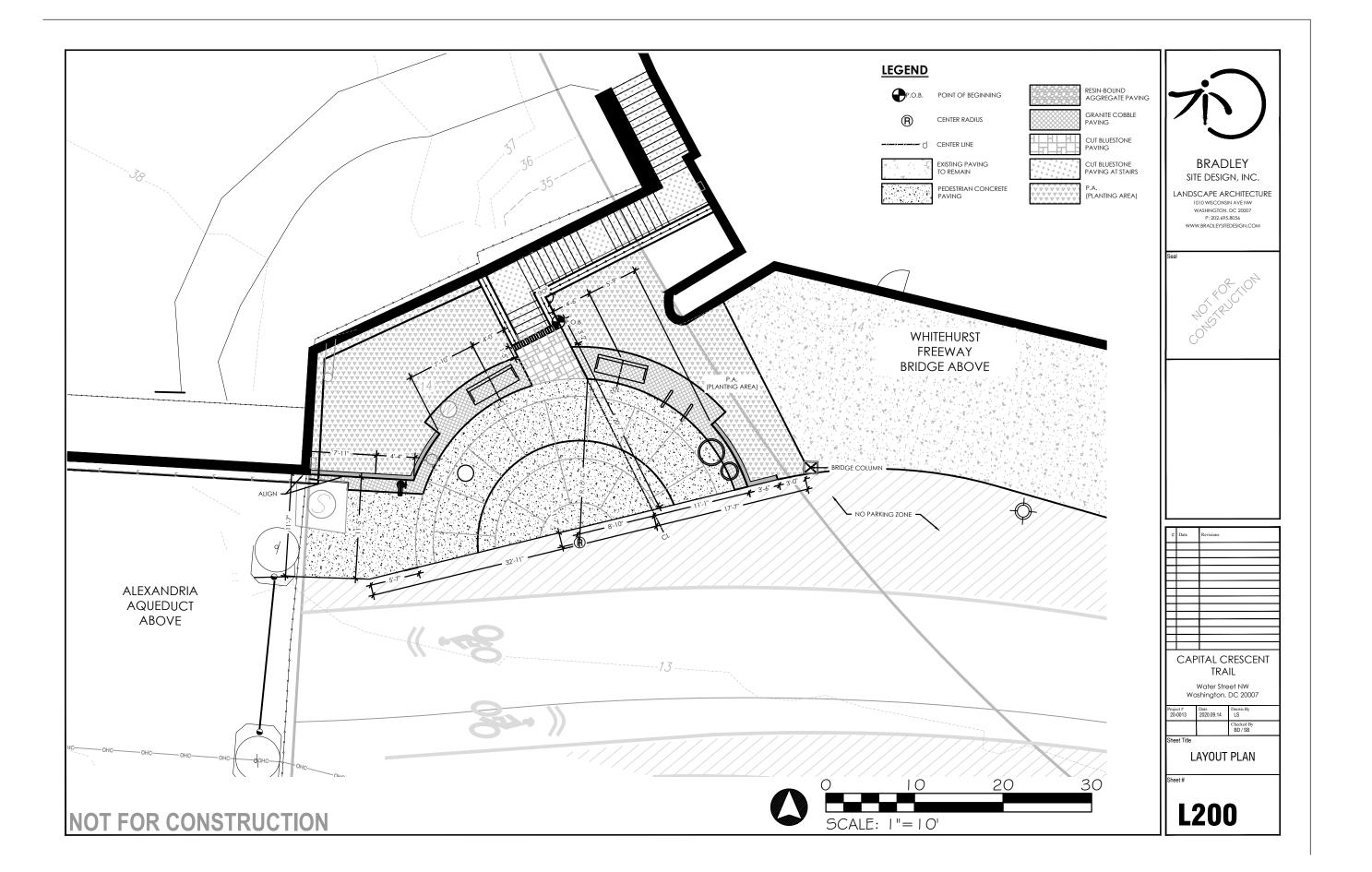
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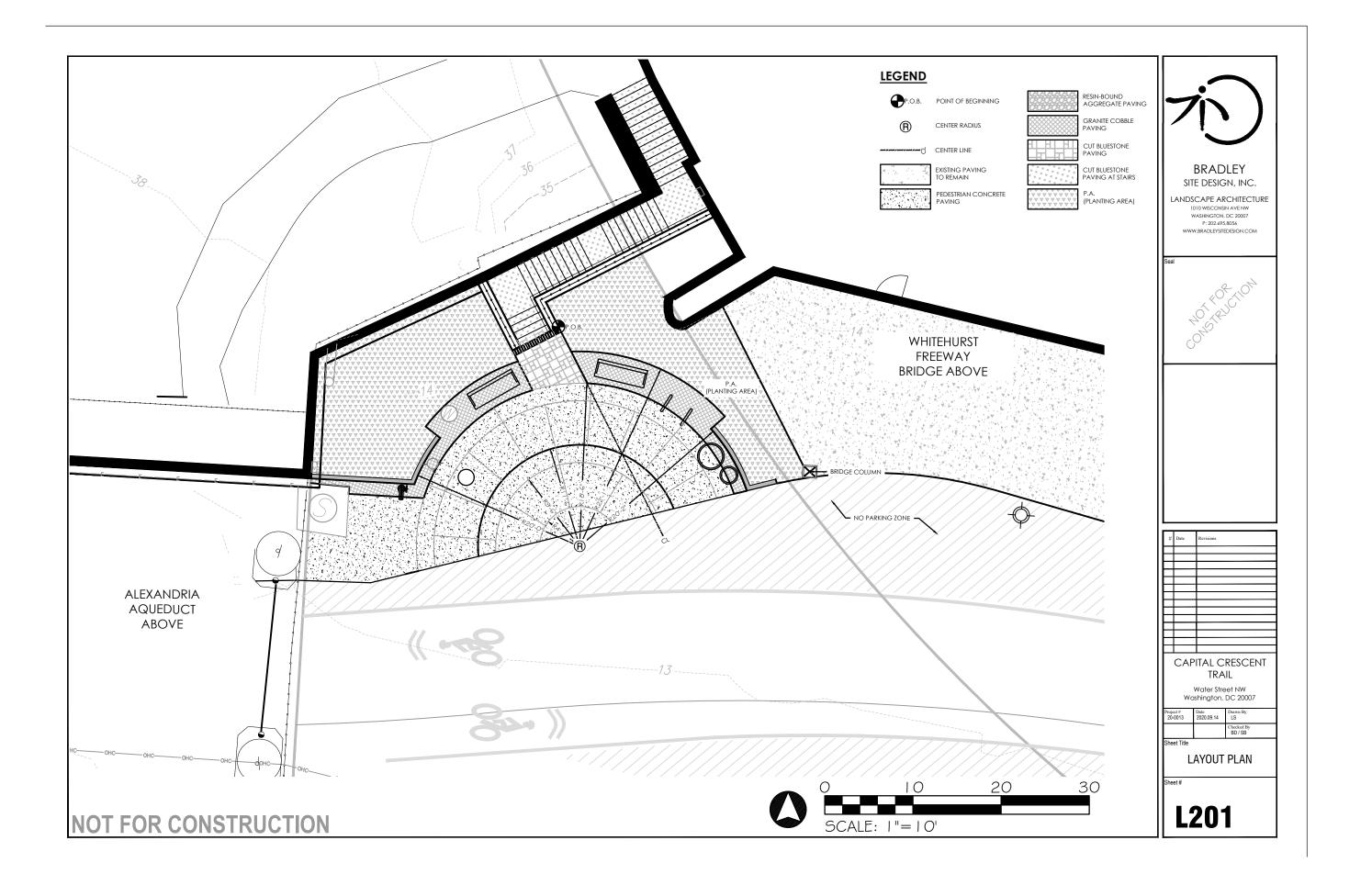


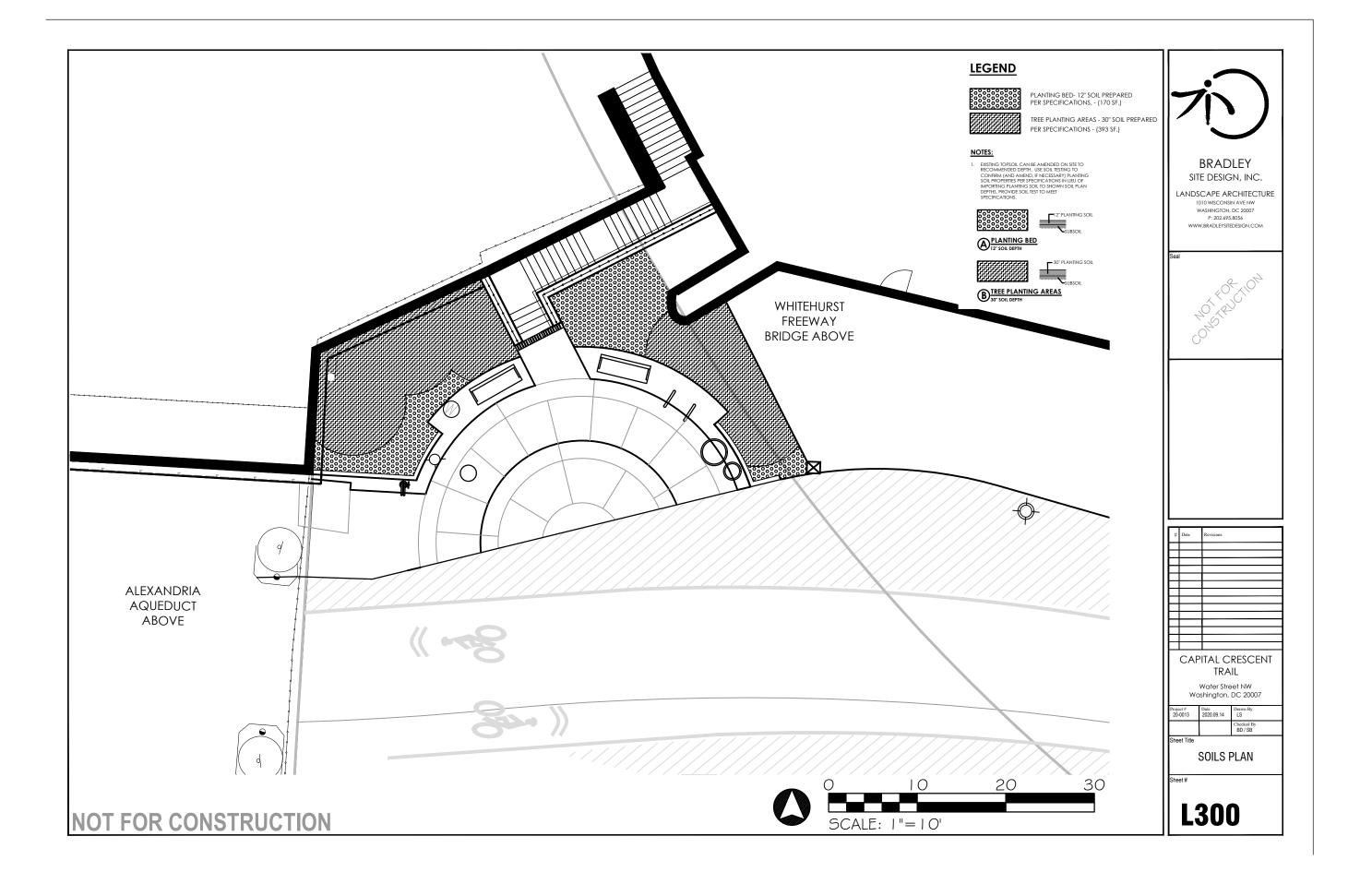


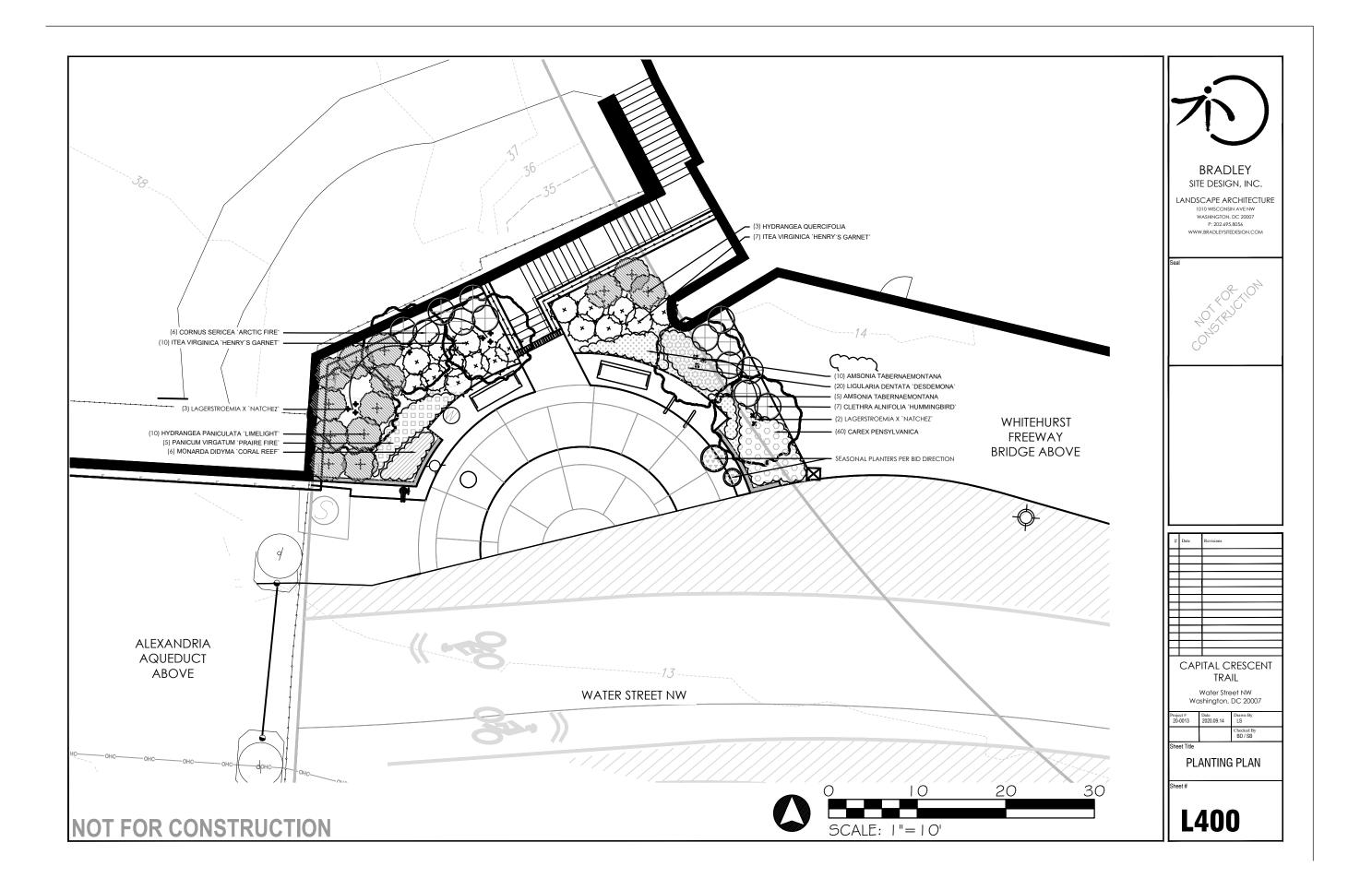












	PLANTING SCHEDULE				
QTY.	ORNAMENTAL TREES	COMMON NAME	SIZE		REMARKS
5	LAGERSTROEMIA X `NATCHEZ`	WHITE CRAPE MYRTLE	1.25" CAL.		MULISTEMMED SPECIMEN
	SHRUBS	COMMON NAME	SIZE	SPACING	REMARKS
7	CLETHRA ALNIFOLIA `HUMMINGBIRD`	SUMMERSWEET	2` HT.	36" o.c.	MIN. 4 CANES
6	CORNUS SERICEA 'ARCTIC FIRE'	ARCTIC FIRE DOGWOOD	3` HT.	36" o.c.	MIN. 5 CANES
10	HYDRANGEA PANICULATA `LIMELIGHT`	LIMELIGHT HYDRANGEA	4` HT.	48" o.c.	MIN. 5 CANES
3	HYDRANGEA QUERCIFOLIA	OAKLEAF HYDRANGEA	3` HT.	48" o.c.	MIN. 5 CANES
17	ITEA VIRGINICA 'HENRY'S GARNET'	HENRY'S GARNET SWEETSPIRE	2` HT.	36" o.c.	MIN. 4 CANES
	PERENNIALS	COMMON NAME	SIZE	SPACING	REMARKS
15	AMSONIA TABERNAEMONTANA	EASTERN BLUESTAR	#1	24" o.c.	
60	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE	#1	12" o.c.	
20	LIGULARIA DENTATA `DESDEMONA`	LEOPARD PLANT	#1	18" o.c.	
6	MONARDA DIDYMA 'CORAL REEF'	CORAL REEF BEE BALM	#1	24" o.c.	
5	PANICUM VIRGATUM `PRAIRE FIRE`	RED SWITCH GRASS	#1	36" o.c.	

PLANTING NOTES:

- I. REFER TO CIVIL ENGINEER'S UTILITY AND GRADING AND DRAINAGE PLANS FOR UTILITY LOCATION AND DRAINAGE INFORMATION. REFER TO CIVIL ENGINEER'S GRADING PLANS FOR GRADING INFORMATION. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS OR IF THERE ARE DISCREPANCIES BETWEEN THE PLANS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
- 2. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT LANDSCAPE ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
- PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- 4. MINIMIZE GRADING AND CONSTRUCTION OPERATIONS AS MUCH AS POSSIBLE IN THE ROOT ZONES OF EXISTING TREES TO REMAIN. CIVIL ENGINEER AND LANDSCAPE ARCHITECT TO APPROVE ALL GRADING, CONSTRUCTION, TRENCHING AND OTHER DISTURBANCE REQUIRED WITHIN THE ROOT ZONES OF THE TREES. DO NOT SHRED OR TEAR TREE ROOTS WITH EXCAVATION EQUIPMENT; CLEAN CUT ALL ROOT LARGER THAN I-INCH WITH SAW OR CLIPPERS.
- 5. ALL SLOPE AREAS GREATER THAN 30% MUST BE STABILIZED WITH EROSION CONTROL FABRIC BEFORE PLANTING, SLOPE AREAS THAT WILL NOT BE PLANTED MUST BE SODDED PER CIVIL'S SPECIFICATIONS.
- 6. ALL LANDSCAPING SHALL BE PLANTED AS TO NOT INTERFERE WITH UTILITY LINES, SIGHT TRIANGLES, UNDERGROUND UTILITIES, OR PUBLIC WALKWAYS.
- 7. TILL AND PREPARE SOIL IN ENTIRE PLANTING BED ACCORDING TO SPECIFICATIONS. HAVE SOIL SAMPLES FROM THE PREPARED BEDS TESTED TO ENSURE THAT THE CHEMICAL AND MECHANICAL PROPERTIES COMPLY WITH THE SPECIFICATIONS. SUPPLY LANDSCAPE ARCHITECT WITH COPIES OF THE LAB REPORTS AND OBTAIN APPROVAL OF THE PREPARED SOIL FROM THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- 8. TOPSOIL TO BE FREE AND CLEAR OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, WEED, GRASS STOLONS, SEEDS [E.G. CYPERUS SPECIES (COMMON NAME NUTSEDGE)] AND OTHER EXTRANEOUS MATERIALS HARMFUL
- 9. FINISH GRADES OF PLANTER AREAS SHALL BE 2 INCHES BELOW ADJACENT PAVING OR TOP OF WALL UNLESS OTHERWISE NOTED.
- 10. DO NOT DRIVE MACHINERY OVER PREPARED PLANTING BEDS, OR OTHERWISE COMPACT THE SOIL AFTER PREPARATION.
- 11. THE MINIMUM DEPTH OF TOPSOIL IN CURBED ISLAND PLANTERS MUST BE ONE FOOT FOR SHRUBS AND TWO FEET FOR TREES. REFER TO SOIL PLANS FOR DEPTH AND SPECIFICATIONS.
- 12. ONLY NURSERY GROWN PLANT MATERIALS ARE ACCEPTABLE.
- 13. LANDSCAPE ARCHITECT TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO DIGGING OR SHIPPING OF PLANT MATERIALS.
- 14. TREES AND SHRUBS MUST HAVE A SPECIES IDENTIFICATION TAG FROM THE NURSERY TO REMAIN ON 2 OF EACH PLANTED SPECIES UNTIL THE LANDSCAPE ARCHITECT HAS REVIEWED. TAGS TO BE REMOVED AFTER FINAL INSPECTION TO PREVENT GIRDLING.
- 15. ALL PLANT MATERIAL SHALL BE SUFFICIENTLY HARDY TO WITHSTAND THE EFFECTS OF POLLUTION, SALT, INSECT MANIFESTATIONS AND ANY OTHER HAZARD ASSOCIATED WITH THE SPECIFIC ENVIRONMENT.
- I G. PLANT MATERIAL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT BEFORE THE PLANTS ARE BROUGHT TO THE SITE.
- 17. EXACT LOCATIONS OF PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION, LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN FIELD.
- I.8. TREES AND SHRUBS SHALL BE PLANTED ONLY WHEN THE SOIL IS FROST FREE.
- 19. PLANTING SEASON SHALL BE MARCH 15 TO JUNE 30, OR SEPTEMBER 1 TO NOVEMBER 30, FOR ALL SHADE AND BUFFER TREES.
- 20. ALL PLANTING BEDS MUST HAVE A MINIMUM OF 2" OF MULCH IN ALL NON-GRASSED LANDSCAPE BED AREAS.
- 21. DISTURBED EXISTING LAWN AREAS ARE TO BE SEEDED UPON COMPLETION OF CONSTRUCTION.
- 22. IF DISCREPANCIES BETWEEN THE PLANTING PLAN AND PLANT LIST OCCUR, THE PLANTING PLAN TAKES PRECEDENCE.
- 23. EXISTING TREES SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO EXISTING.
- 24. TREES TO BE PLANTED A MINIMUM OF 4 FEET FROM FACE OF BUILDING, PAVEMENT, OR OTHER HARDSCAPE FEATURE EXCEPT AS APPROVED BY LANDSCAPE ARCHITECT.
- 25. ALIGN AND EQUALLY SPACE IN ALL DIRECTIONS TREES AND SHRUBS AS DESIGNATED PER THESE NOTES AND DRAWINGS
- 26. FOR TREES WITH WIRE BASKET AROUND ROOT BALL, CUT WIRE BASKET IN FOUR PLACES AND FOLD DOWN 12" INTO PLANTING HOLE.
- 27. CUT AND REMOVE OR TURN BACK 1/3 OF BURLAP AWAY FROM TOP OF ROOT BALL. CUT ROPE FROM TOP OF ROOT BALL.
- 28. EXISTING LAWN AREAS AND ASSOCIATED SOILS TO BE PROTECTED THROUGHOUT DURATION OF CONSTRUCTION. ADDITIONAL AMENDMENTS NOT NECESSARY WITHIN PROTECTED AREAS UNLESS DISTURBED, IF DISTURBED, PREPARE/AMEND SOIL AS INDICATED IN DRAWINGS.
- 29. PROTECTED LAWN AREAS WITH PRIOR SIGNIFICANT DAMAGE TO BE IMPROVED AS INDICATED IN DRAWINGS. COORDINATE WITH OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT.

NOT FOR CONSTRUCTION



BRADLEY SITE DESIGN, INC.

LANDSCAPE ARCHITECTURE WASHINGTON, DC 20007 P: 202.695.8056 WWW.BRADLEYSITEDESIGN.COM

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#	Date	Revisions
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TRAIL

Water Street NW Washington, DC 20007

roject #	Date	Drawn By
20-0013	2020.09.14	LS
		Checked By BD / SB

PLANTING SCHEDULE

L401







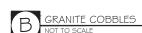
PRODUCT: HANOVER INDIVIDUAL GRANITE PAVER OR OWNER APPROVED EQUAL MANUFACTURER: HANOVER ARCHITECTURAL PRODUCTS

WWW.HANOVERPAVERS.COM

SIZE: XX

COLOR(S): XX

APPROVED BY SUBMITTAL PRIOR TO ORDERING









PRODUCT: CBF-10
MANUFACTURER: VICTOR STANLEY
P.O. DRAWER 330
DUNKIRK, MD 20754 U5A
(301) 855-8300
WWW.VICTORSTANLEY.COM
DIMENSIONS: 6' LENGTH

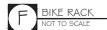




PRODUCT: CLASSIC BIKE U RACK
MANUFACTURER: CYCLESAFE

\$21 | CASCADE RD. SE, SUITE 210
GRAND RAPIDS, MICHIGAN 49546
WW. CYCLESAFE.COM
(616) 954-9977

DIMENSIONS: 36" HT.
COLOR(S): BLACK FOWDERCOAT









PRODUCT: FIX IT
MANUFACTURER: DERO
WWW.DERO.COM
42 NORTHERN STACKS DR, SUITE 100
MINNEAPOLIS, MN 55421
(551) 20G-3502
COLOR(5): XX





PRODUCT: REGULAR JOE HEEL PROOF TRENCH DRAIN
MANUFACTURER: IRON AGE GRATES
2 10.4 SW 152ND 5T. SUITE #4
BURIEN, WA 98 I 66
(8/77). 41.9-35.62
WWW.IRONAGEGRATES.COM
DIMENSIONS: 8' x 20'
QUANTITY: (3)





BRADLEY SITE DESIGN, INC.

LANDSCAPE ARCHITECTURE
1010 WISCONSIN AVE NW
WASHINGTON, DC 20007
P: 202.695.8056
WWW.BRADLEYSITEDESIGN.COM

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Water Street NW Washington, DC 20007

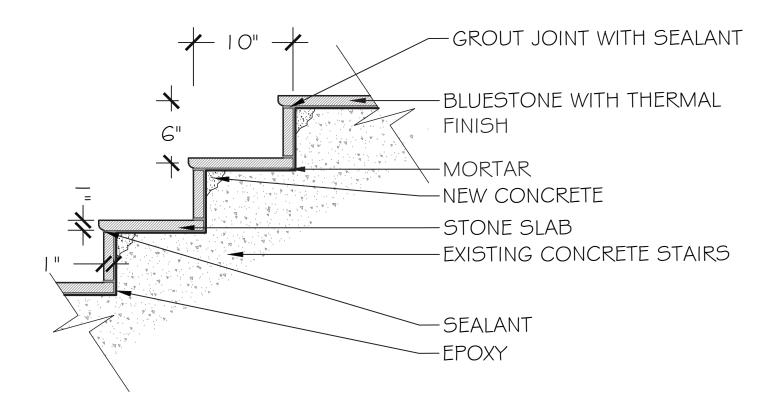
Project # Date Drawn By 20-0013 2020.09.14 LS

PRODUCT INFORMATION

L500

	NOT USED	
NOT	POR CONSTRUCTION	

STEP DETAIL



PREFERRED STEP CLADDING:

BLUE STONE TREAD AND RISER

EXPLORED STEP CLADDING OPTIONS:

- CONCRETE: DOES NOT ADHERE WELL OVER TIME
- ANTI-SLIP METAL GRATE EMBEDDED IN CONCRETE: CONCERN REGARDING LONGEVITY IN FREEZE-THAW
- BRICK: UNITS TOO SMALL TO PROVIDE STABLE FOOTING AND DEPTH OF UNIT SIGNIFICANT (GUARDRAIL HEIGHTS AND ADJACENT GRADE CONNECTIONS), THE USE OF BRICK ALSO DOES NOT MATCH THE SURROUNDING CONTEXT OF GEORGETOWN AND THE GEORGETOWN WATERFRONT PARK
- CONCRETE PAVERS: DEPTH OF UNIT SIGNIFICANT (GUARDRAIL HEIGHTS AND ADJACENT GRADE CONNECTIONS)
- PRECAST CONCRETE: DEPTH OF UNIT SIGNIFICANT (GUARDRAIL HEIGHTS AND ADJACENT GRADE CONNECTIONS)
- METAL STRUCTURE: AN EXPENSIVE STRUCTURE, THE FRAME MAINTAIN A SLIGHT GAP BETWEEN THE STRUCTURE BELOW AND THE METAL FRAME, THIS GAP WILL ACCUMULATE TRASH AND OTHER DEBRIS THAT WOULD REQUIRE REGULAR REMOVAL



PATCHED CONCRETE STAIR



CONCRETE WITH GRATES



BRICK





