

CITY OF COLLEGE PARK HOLLYWOOD GATEWAY ECO-PARK 4703 EDGEWOOD ROAD COLLEGE PARK, MARYLAND

DESCRIPTION	EXISTING	REMOVE
BUILDING	EX. BLDG	
BITUMINOUS CONCRETE PAVING	EX. MACADAM	
PORTLAND CEMENT CONCRETE	EX. CONC.	
BOLLARD/POST (CP)	○	○
BUSHES	○	○
CLEAN OUT	○	○
DRAIN INLET	□	□
ELECTRIC BOX	○	○
ELECTRIC CONDUIT	○	○
ELECTRIC MH	○	○
ELECTRIC RISER	○	○
FIRE HYDRANT	○	○
FIRE CONNECTION	○	○
FLAG POLE	○	○
FLOOR DRAIN	○	○
OBSERVATION WELL	○	○
GAS VALVE	○	○
HAND BOX	○	○
INLET MH	○	○
METAL POLE	○	○
PARKING METER	○	○
POWER POLE	○	○
PROPERTY MON.	○	○
ROOF DRAIN	○	○
SANITARY MH	○	○
SIGN (ONE-POST)	○	○
SIGN (TWO POST)	○	○
MANHOLE	○	○
STORM DRAIN MH	○	○
STREET LIGHT	○	○
TELEPHONE MH	○	○
TELEPHONE RISER	○	○
TRAVERSE STATION	○	○
TREES	○	○
UNKNOWN MH	○	○
WATER MH	○	○
WATER FOUNTAIN	○	○
WATER VALVE	○	○
WELL	○	○
SPOT ELEVATION	○	○
GEOTECHNICAL BORING	○	○
MAJOR CONTOUR	---	---
MINOR CONTOUR	---	---
WALL	---	---
BUILDING	---	---
CONC. CURB	---	---
SURVEY LIMITS	---	---
FENCE LINE	---	---
GUARDRAIL	---	---
O/H ELECTRIC	---	---
O/H TELEPHONE	---	---
U/G ELECTRIC	---	---
U/G GAS	---	---
U/G SANITARY	---	---
U/G STORM	---	---
U/G FIBER OPTIC	---	---
U/G WATER	---	---
UNKNOWN UTILITY	---	---
U/G TELEPHONE	---	---
LIMIT OF DISTURBANCE	---	---

W.B.C.M. SURVEY TRAVERSE CONTROL LISTING

PT#	NORTHING	EASTING	ELEV.	DESCRIPTION
900	491,257.94	1,333,269.88	162.76	REBAR & CAP
901	491,355.42	1,333,057.02	183.47	REBAR & CAP
902	491,397.66	1,333,139.85	182.42	X-CUT

- GENERAL NOTES**
- THIS PLAT IS BASED UPON A FIELD-RUN BOUNDARY & TOPOGRAPHIC SURVEY PERFORMED BY WBCM IN SEPTEMBER, 2012 AND REFLECTS SITE CONDITIONS AS OF THAT DATE.
 - COORDINATES SHOWN HEREON ARE REFERRED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM, NAD 83 (1991), AS DETERMINED FROM THE FOLLOWING W.S.S.C. HORIZONTAL CONTROL SURVEY MONUMENTS:
 - 20284 N 494,018.054 E 1,329,320.153 "W.S.S.C. BRASS DISK"
 - 19851 N 485,991.991 E 1,329,464.408 "W.S.S.C. BRASS DISK"
 - ELEVATIONS SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), AS DETERMINED FROM THE FOLLOWING W.S.S.C. VERTICAL BENCHMARK STATION:
 - BM 1277 ELEV. 186.044 "W.S.S.C. BRASS DISK"
 - THIS BOUNDARY SURVEY WAS PERFORMED WITHOUT BENEFIT OF A TITLE REPORT. NO REPRESENTATIONS ARE MADE BY THE UNDERSIGNED SURVEYOR AS TO THE EXISTENCE OR LOCATION OF ANY EASEMENT OR ANY OTHER ENCUMBRANCES BEYOND THOSE SHOWN HEREON.
 - ADDITIONAL SPOT ELEVATIONS RESIDE IN THE ELECTRONIC VERSION OF THIS DRAWING BUT ARE NOT PLOTTED HEREON.
 - THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. THE DESCRIPTION OF THE UNDERGROUND UTILITIES AS SHOWN HEREON WERE BASED SOLELY UPON FIELD OBSERVATIONS AND HAVE NOT BEEN COMPARED TO OR VERIFIED WITH RECORD UTILITY DRAWINGS OR FIELD TEST PITS. THE SIZE, TYPE AND LOCATION OF THE UTILITY LINES SHOULD BE VERIFIED BY THE USER OF THIS DRAWING.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL SITE CONDITIONS PRIOR TO THE START OF ANY WORK. THERE IS NO WARRANTY OR GUARANTEE ON THE COMPLETENESS OR CORRECTNESS OF THE EXISTING CONDITION INFORMATION. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO THE START OF ANY WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" AT 1-800-257-7777 THREE DAYS PRIOR TO THE START OF ANY EXCAVATION WORK.
 - THE WORDS "CERTIFY" OR "CERTIFICATION" AS USED HEREON ARE UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE UNDERSIGNED SURVEYOR, BASED UPON HIS BEST KNOWLEDGE, INFORMATION, AND BELIEF. AS SUCH, IT DOES NOT CONSTITUTE A GUARANTEE NOR A WARRANTY, EXPRESSED OR IMPLIED.



LOCATION MAP
SCALE: 1" = 20'

TABLE OF CONTENTS

SHT. NO.	DWG. NO.	DESCRIPTION
1	G101	TITLE SHEET
2	CX101	EXISTING CONDITIONS & DEMOLITION PLAN
3	CL101	LAYOUT PLAN
4	CG301	GRADING AND UTILITY PLAN
5	CL501	SITE DETAILS
6	CC101	SEDIMENT AND EROSION CONTROL PLAN
7	CC201	SEDIMENT AND EROSION CONTROL NOTES
8	CC202	SEDIMENT AND EROSION CONTROL DETAILS
9	CS101	CONCEPT STORMWATER MANAGEMENT PLAN

OWNER'S/DEVELOPER'S CERTIFICATION

"I/We hereby certify that I/we have reviewed this erosion and sediment control plan and that all clearing, grading, construction, and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at the Department of the Environment approved training program for the control of sediment and erosion before beginning the project."

Signature _____ Date _____
 Name (printed) _____ Firm _____ Title _____
 Complete address _____
 The Maryland-National Capital Park and Planning Commission
 Department of Parks and Recreation
 6600 Kenilworth Avenue
 Riverdale, MD 20737

CONSULTANT'S CERTIFICATION

"I certify that this plan of erosion and sediment control represents a practicable and workable plan based on my personal knowledge of the site, and that this plan was prepared in accordance with the requirements of the Prince George's Soil Conservation District and "Standards and Specifications for Soil Erosion and Sediment control plan with the owner/developer."

Signature _____ MD License#: 9972 Date: _____
 Name Philip Der, P.E. (printed)
 (include seal, company name, address and phone number if not included elsewhere on plan).

* Stabilization practices on all projects must be in compliance with the requirements of COMAR 26.17.1.08 G regulations by January 9, 2013, regardless of when an erosion and sediment control plan was approved

Following initial soil disturbance or re-disturbance, permanent or temporary stabilization must be completed within:

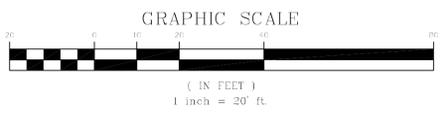
- Three (3) calendar days as to the surface of all perimeter dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and
- Seven (7) calendar days as to all other disturbed or graded areas on the project site not under active grading.

**PRINCE GEORGE'S SOIL CONSERVATION DISTRICT
APPROVAL
SEDIMENT CONTROL, GRADING, SOILS AND DRAINAGE**

SSC#	EXPIRATION DATE

ENVIRONMENTAL IMPACTS SUMMARY

Limits of Disturbance	0 - Square Feet
Wetland Buffer Impact (25' State Buffer)	0 - Square Feet
Wetlands Impact	0 - Square Feet (Temporary)
Floodplain Impacts	0 - Square Feet
Tree Removal	0 Total
Total Cut	0 - Cubic Yards
Total Fill	0 - Cubic Yards
Net Volume	0 - C.Y. Export



NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

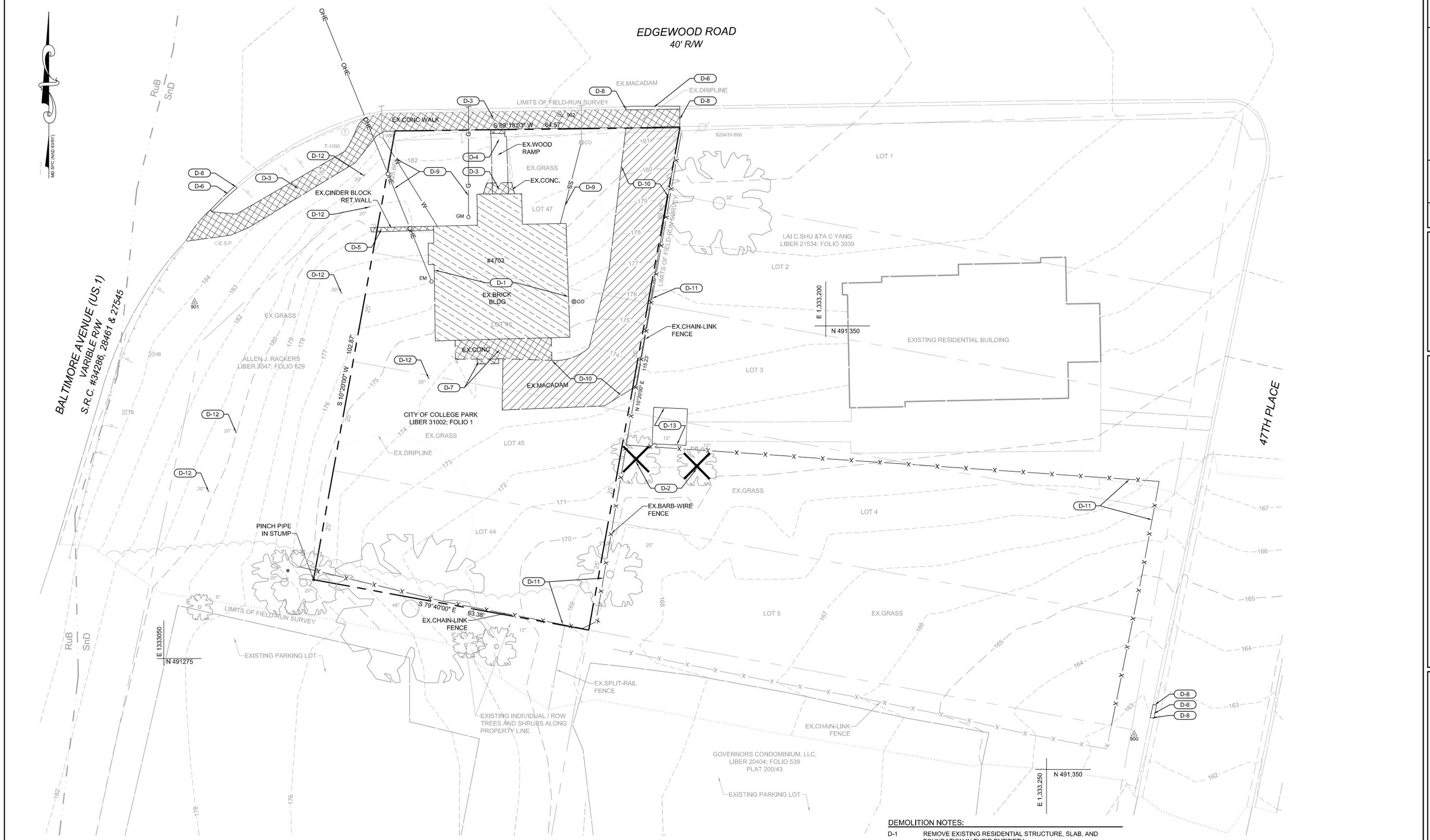
FLOURA TEETER
landscape architects
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

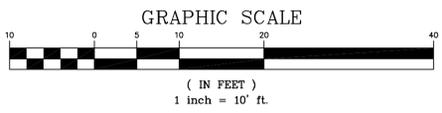
EROSION AND SEDIMENT CONTROL PLAN

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	1"=20'
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	G101



- DEMOLITION NOTES:**
- D-1 REMOVE EXISTING RESIDENTIAL STRUCTURE, SLAB, AND FOUNDATION IN THEIR ENTIRETY.
 - D-2 REMOVE EXISTING TREE.
 - D-3 REMOVE EXISTING CONCRETE SIDEWALK.
 - D-4 REMOVE EXISTING WOOD RAMP.
 - D-5 REMOVE EXISTING BLOCK WALL AND FOUNDATION IN THEIR ENTIRETY.
 - D-6 SAWCUT AND REMOVE EXISTING SECTION OF CONCRETE CURB AND/OR CURB AND GUTTER.
 - D-7 REMOVE EXISTING CONCRETE PAVING / STEP.
 - D-8 SAWCUT CONCRETE AT NEAREST JOINT.
 - D-9 COORDINATE WITH UTILITY PROVIDER TO SHUT OF SERVICE TO EXISTING RESIDENTIAL STRUCTURE AND REMOVE EXISTING UTILITIES (GAS, SANITARY SEWER, WATER, ELECTRIC, AND CABLE/FIBER). REMOVE EXISTING UNDERGROUND UTILITIES TO A POINT 2' INSIDE THE RIGHT OF WAY LINE AND CAP.
 - D-10 REMOVE EXISTING BITUMINOUS PAVING SECTION.
 - D-11 REMOVE EXISTING FENCE.
 - D-12 REMOVE EXISTING STUMP.
 - D-13 RELOCATE EXISTING SHED.



NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture

800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.8395
 Fax: 410.528.8425

WHITNEY BAILEY COX & MAGNANI, LLC
 800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.8400
 Fax: 410.528.8400
 www.wbcm.com

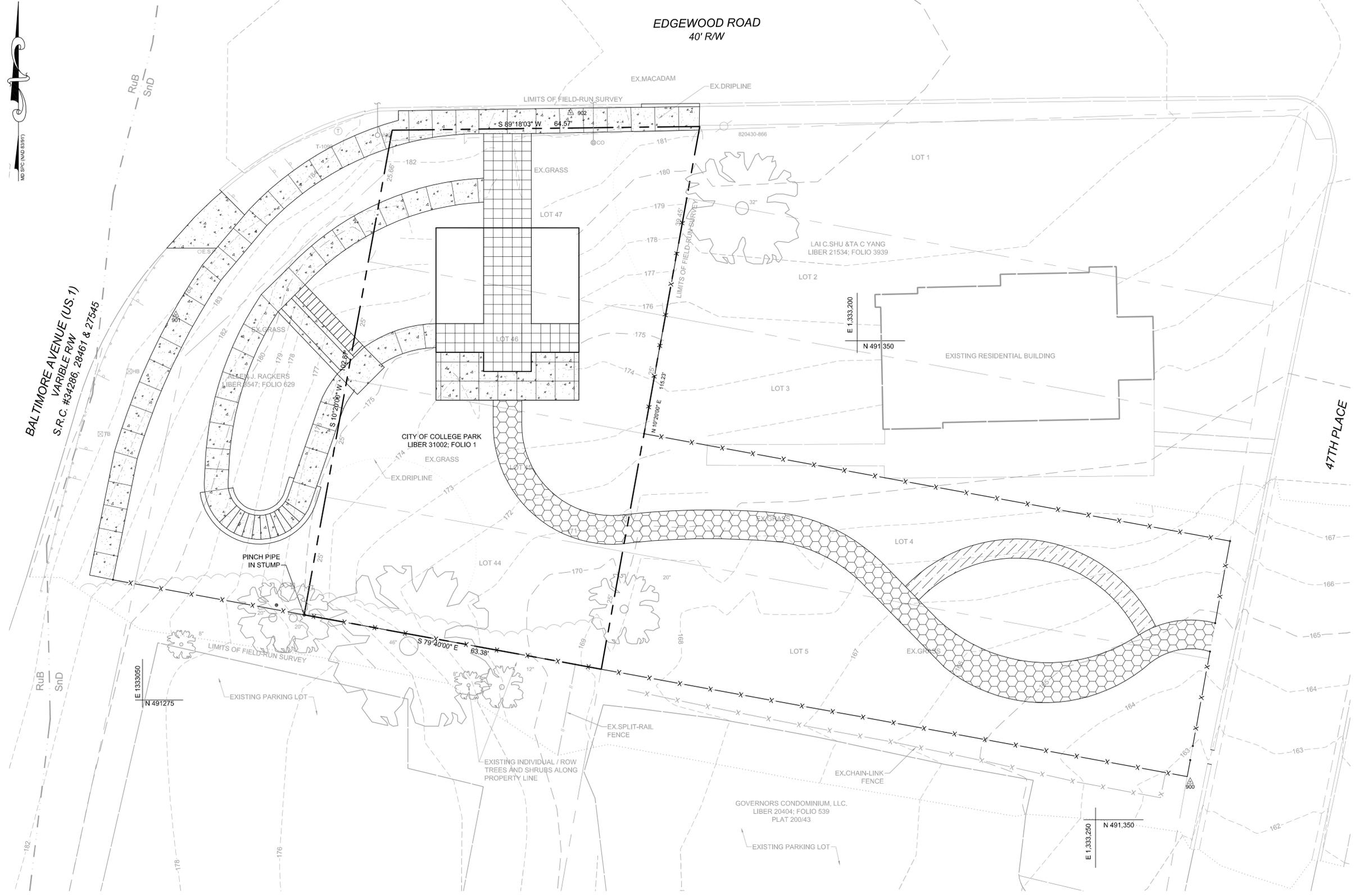
WBCM
 ARCHITECTURE ENGINEERING CONSTRUCTION

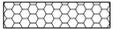
EXISTING CONDITIONS & DEMOLITION PLAN

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

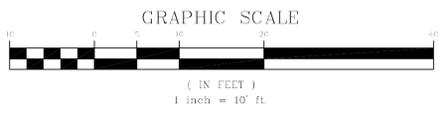
DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	1"=10'
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

CX101



- CONSTRUCTION LEGEND:**
-  PROP. CONCRETE WALK
 -  PROP. PERVIOUS PATH
 -  PROP. MULCH PATH

CONSTRUCTION NOTES:
N-1



Sep. 18, 2013 - 2:13pm User: rcmh

P:\2012\12033900\Drawings\07-SITE\Layout_Plan.dwg

NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
Landscape Architects
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

LAYOUT PLAN

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	1"=10'
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

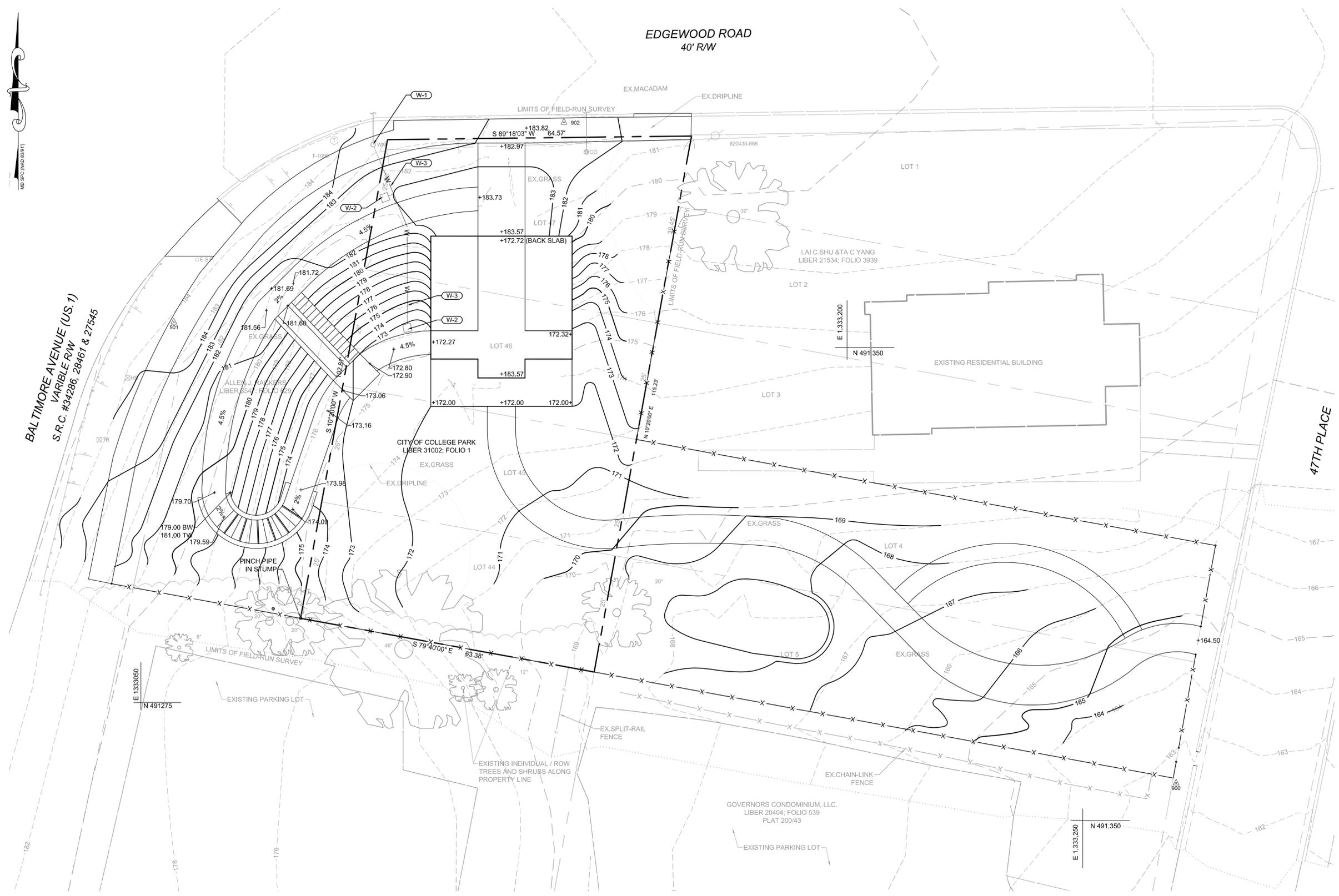
CL101



EDGEWOOD ROAD
40' R/W

BALTIMORE AVENUE (US. 1)
VARIABLE R/W
S.R.C. #34286, 28461 & 27545

47TH PLACE

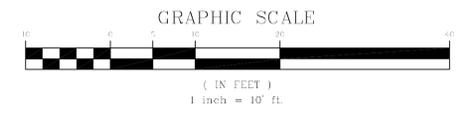


WATER NOTES :

- W-1 CONNECT TO EXISTING WATER VALVE AT EXISTING RESIDENTIAL SERVICE. CONTRACTOR SHALL COORDINATE AND OBTAIN CONNECTION PERMIT FROM WASHINGTON SUBURBAN SANITARY COMMISSION.
- W-2 NEW GROUND HYDRANT. PRODUCT NO. Z1370 WITH 3/4" HOSE CONNECTION AS MANUFACTURED BY ZURN INDUSTRIES, LLC OR APPROVED EQUIVALENT. ENCASE THE BOX IN CONCRETE 20" SQUARE X 8-1/2" DEPTH; 3,000 PSI CONCRETE.
- W-3 NEW 3/4" WATER LINE.

CONSTRUCTION LEGEND

- NEW MAJOR CONTOUR ——— 170
- NEW MINOR CONTOUR ——— 171
- NEW SPOT ELEVATION ——— 171.0
- NEW INLET □



NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
landscape architects
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

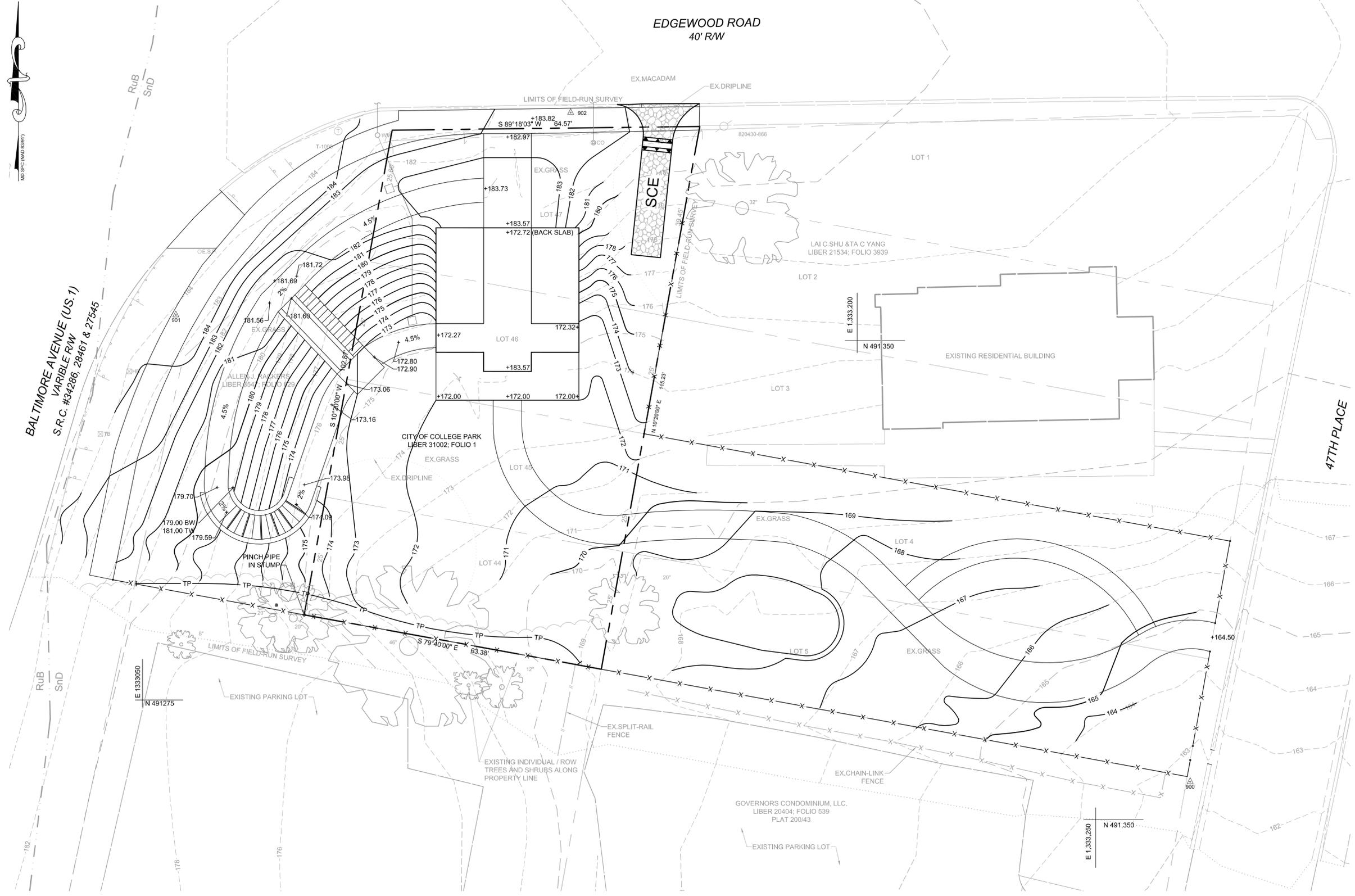
WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

GRADING AND UTILITY PLAN

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	1"=10'
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

CG301



BALTIMORE AVENUE (US: 1)
 VARIABLE R/W
 S.R.C. #34286, 28461 & 27545

EDGEWOOD ROAD
 40' R/W

47TH PLACE

SAME DAY STABILIZATION NOTE:

DISTURB ONLY THAT AMOUNT WHICH CAN BE COMPLETED & STABILIZED BY THE END OF THE DAY. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.

MAINTENANCE NOTE

SILT FENCE, SILT FENCE ON PAVEMENT, AND SUPER SILT FENCE SHALL BE INSPECTED & MAINTAINED EACH DAY & AFTER ALL STORM EVENTS. MAINTENANCE TO INCLUDE BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENT.

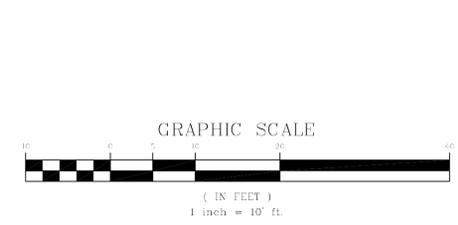
STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
- B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

SEDIMENT CONTROL LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- LIMITS OF DISTURBANCE
- SILT FENCE
- SUPER SILT FENCE
- TREE PROTECTION
- SILT FENCE ON PAVEMENT
- ROCK INFLOW / OUTFLOW PROTECTION
- SAME DAY STABILIZATION
- LIMIT OF DRAINAGE AREA



NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture

WHITNEY BAILEY COX & MAGNANI, LLC
 869 Farmington Road
 Phone: 410.528.6600 Fax: 410.528.4100
 www.wbco.com

FLOURA TEETER
 landscape architects
 800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.8395
 Fax: 410.528.8425

WBCM
 ARCHITECTURE ENGINEERING CONSTRUCTION

SEDIMENT AND EROSION CONTROL PLAN

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	1"=10'
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	CC101

PRINCE GEORGE'S COUNTY STANDARD EROSION AND SEDIMENT CONTROL GENERAL NOTES:

- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENT, RIGHT AND/OR RIGHTS-OF-WAY PURSUANT TO THE DISCHARGE FROM THE EROSION AND SEDIMENT CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OR ACROSS AND GRADING OR OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) AND B) SEVEN (7) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THE IN-PLACE SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF TWO ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS WILL NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- APPROVAL SHALL BE REQUESTED UPON FINAL STABILIZATION OF ALL SITES WITH DISTURBED AREAS IN EXCESS OF TWO ACRES BEFORE REMOVAL OF CONTROLS.
- THE OWNER/DEVELOPER THAT SIGNS THE CERTIFICATION ON AN EROSION AND SEDIMENT CONTROL PLAN IS THE RESPONSIBLE PARTY REGARDLESS OF ANY SALE OF THE PROPERTY OR WORK OF SUBCONTRACTORS. EROSION AND SEDIMENT CONTROL PLANS ARE APPROVED FOR **ONE OWNER/DEVELOPER ONLY**. ALL PERMITS UNDER AN EROSION AND SEDIMENT CONTROL PLAN MUST AND CAN ONLY BE ISSUED TO THE OWNER/DEVELOPER THAT SIGNS THE CERTIFICATION ON THE PLAN.
- PGSCD APPROVAL OF A EROSION AND SEDIMENT CONTROL PLAN, PURSUANT TO MEETING LOCAL PERMIT REQUIREMENTS FOR GRADING, BUILDING OR STREET PERMITS, ETC., IS VALID ONLY WHEN THE WORK TO BE PERFORMED UNDER THE PERMIT IS THE SAME AS (NO MORE/NO LESS THAN) THAT CONTAINED IN THE PLAN AS APPROVED BY THE PGSCD.
- ANY CHANGES OR MODIFICATIONS TO AN APPROVED EROSION AND SEDIMENT CONTROL PLAN, NOT APPROVED BY THE PGSCD, SHALL INVALIDATE THE PLAN APPROVAL.
- OFFSITE BORROW OR SPOIL AREAS MUST HAVE AN APPROVED AND ACTIVE EROSION AND SEDIMENT CONTROL PLAN.
- TEMPORARY DESIGNED SEDIMENT BASINS SHALL BE REMOVED WITHIN 36 MONTHS AFTER THE BEGINNING OF CONSTRUCTION OF THE BASIN.
- ON SMALL POND APPROVALS:
 - THE OWNER OR ENGINEER WILL NOTIFY PGSCD PROMPTLY IN WRITING WHEN CONSTRUCTION IS BEGUN AND WHEN CONSTRUCTION IS COMPLETED.
 - THE PROJECT SHALL BE CONSTRUCTED UNDER THE SUPERVISION OF THE ENGINEER-IN-CHARGE. WITHIN 30 DAYS OF THE COMPLETION OF CONSTRUCTION, THE ENGINEER-IN-CHARGE THAT DESIGNED THE STRUCTURE SHALL PROVIDE PGSCD WITH AN AS-BUILT PLAN AND SHALL CERTIFY, WITH THE ENGINEER'S SEAL, THAT THE MD378 POND WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLANS.
 - THE APPROVAL IS VALID ONLY FOR USE BY THE APPLICANT AND MAY NOT BE TRANSFERRED TO ANOTHER UNLESS WRITTEN APPROVAL FOR SUCH TRANSFER IS OBTAINED FROM PGSCD.
- DISTURBED SURFACE AREA: 76,198 SF / 1.75 Ac.
VOLUME OF SPOIL MATERIAL: 12 cubic yards
VOLUME OF BORROW MATERIAL: 0
- SOIL TYPES:

D1B: Dodon sandy loam	HGG B
MnB: MARR-DODON COMPLEX	HSG B
MoB: MARR-DODON URBAN LAND COMPLEX	HSG B

Table H.2: Stone Size

TYPE	SIZE RANGE	d ₅₀	d ₁₀₀	AASHTO	MIDSIZE WEIGHT ¹
NUMBER 57 ¹	3/8 to 1 1/2 inch	1/2 in	1 1/2 in	M-43	N/A
NUMBER 1	2 to 3 inch	2 1/2 in	3 in	M-43	N/A
RIPRAP ² (CLASS 0)	4 to 7 inch	5 1/2 in	7 in	N/A	N/A
CLASS I	N/A	9 1/2 in	15 in	N/A	40 lb
CLASS II	N/A	16 in	24 in	N/A	200 lb
CLASS III	N/A	23 in	34 in	N/A	600 lb

¹ This classification is to be used on the upstream face of stone outlets and check dams.

² This classification is to be used for gabions.

³ Optimum gradation is 50 percent of the stone being above and 50 percent below the midsize.

Stone must be composed of a well graded mixture of stone sized so that fifty (50) percent of the pieces by weight are larger than the size determined by using the charts. A well graded mixture, as used herein, is defined as a mixture composed primarily of larger stone sizes but with a sufficient mixture of other sizes to fill the smaller voids between the stones. The diameter of the largest stone in such a mixture must not exceed the respective d₅₀ selected from Table H.2. The d₅₀ refers to the median diameter of the stone. This is the size for which 50 percent, by weight, will be smaller and 50 percent will be larger.

Note: Recycled concrete equivalent may be substituted for all stone classifications for temporary control measures only. Concrete broken into the sizes meeting the appropriate classification, containing no steel reinforcement, and having a minimum density of 150 pounds per cubic foot may be used as an equivalent.

VEGETATIVE STABILIZATION

(PERMANENT AND TEMPORARY SEEDING, SODDING AND MULCHING)

- SITE PREPARATION** - PERMANENT OR TEMPORARY VEGETATION SHALL BE ESTABLISHED WITHIN SEVEN (7) DAYS ON THE SURFACE OF ALL SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, WATERWAYS, SEDIMENT CONTROL BASINS, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND WITHIN 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. MULCHING MAY ONLY BE USED ON DISTURBED AREAS AS TEMPORARY COVER WHERE VEGETATION IS NOT FEASIBLE OR WHERE SEEDING CANNOT BE COMPLETED BECAUSE OF WEATHER.
- SEEDED PREPARATION AND SEEDING APPLICATION** - LOOSEN THE TOP LAYER OF THE SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT SUCH AS DISC HARROWS, CHISEL PLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. INCORPORATE THE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF THE SOIL BY DISCING OR BY OTHER SUITABLE MEANS. ROUGH AREAS SHOULD NOT BE ROLLED OR DRAGGED SMOOTH, BUT LEFT IN A ROUGHENED CONDITION. STEEP SLOPES GREATER THAN 3:1 SHOULD BE TRACKED BY DOZER, LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. THE TOP 1 TO 3 INCHES OF SOIL SHOULD BE LOOSE AND FRIABLE. PERMANENT COVER MAY REQUIRE AN APPLICATION OF TOPSOIL. IF SO, IT MUST MEET THE REQUIREMENTS SET FORTH IN SECTION 21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL FROM THE 1994 STANDARDS AND SPECIFICATIONS.

- SOIL AMENDMENTS - SOIL TESTS SHALL BE MADE ON SITES OVER FIVE ACRES** TO DETERMINE THE EXACT REQUIREMENTS FOR BOTH LIME AND FERTILIZER. FOR SITES UNDER 5 ACRES, IN LIEU OF A SOIL TEST, APPLY THE FOLLOWING:

FERTILIZER NITROGEN 2 LBS/1000 SQ. FT. (90 LBS/AC) P205
4 LBS/1000 SQ. FT. (175 LBS/AC) K2O 4 LBS/1000 SQ. FT. (175 LBS/AC)

FOR LOW MAINTENANCE AREAS SUPPLY 150 LBS/AC UREAFORM FERTILIZER (38-0-0) AT 3.5 LBS/1000 SQ. FT. IN ADDITION TO THE ABOVE FERTILIZER AT THE TIME OF SEEDING. GROUND LIMESTONE 2 TONS/AC.

- SEDIMENT CONTROL PRACTICE SEEDING** - SELECT A SEEDING MIXTURE FROM TABLE 25 OR 26 IN SECTION G OF THE 1994 STANDARDS AND SPECIFICATIONS. DOCUMENT SEEDING ON THE EROSION AND SEDIMENT CONTROL PLAN USING APPROPRIATE CHART BELOW. **NOTE: IF SEDIMENT CONTROL PRACTICES ARE IN FOR LONGER THAN 12 MONTHS, PERMANENT SEEDING IS REQUIRED.**
- TEMPORARY/PERMANENT SEEDING MIXTURES AND RATE** - SELECT A SEEDING MIXTURE FROM APPROPRIATE TABLE 25 OR 26 IN SECTION G OF THE 1994 STANDARDS AND SPECIFICATIONS. DOCUMENT SEEDING ON THE EROSION AND SEDIMENT CONTROL PLAN USING APPROPRIATE CHART BELOW.

TEMPORARY SEEDING SUMMARY

Seed Mixture (Hardiness Zone 6b)				Fertilizer Rate 10-20-20	Lime Rate
Species	Application Rate	Seeding Dates	Depths		
ANNUAL RYEGRASS	40 lb/ac	3/1 - 5/15 8/1 - 10/15	1/2"	436 lb/ac (10 lb/ 1000 sf)	2 tons/ac (100 lb/ 1000 sf)
FOXTAIL MILLET	30 lb/ac	5/16 - 7/31	1/2"		

PERMANENT SEEDING SUMMARY

Seed Mixture (Hardiness Zone 6b)				Fertilizer Rate (10-20-20)			Lime Rate
Species	Application Rate	Seeding Dates	Depths	N	P205	K20	
TALL FESCUE PERENNIAL RYE BIRDSFOOT TREFOL	40 lb/ac 25 lb/ac 8 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4"-1/2"	45 lb/ac (1 lb/ 1000 sf)	90 lb/ac (2.0 lb/ 1000 sf)	90 lb/ac (2.0 lb/ 1000 sf)	2 tons/ac (100 lb/ 1000 sf)
CREEPING RED FESCUE KENTUCKY BLUEGRASS	60 lb/ac 15 lb/ac						
CREEPING RED FESCUE CHEWINGS FESCUE KENTUCKY BLUEGRASS ROUGH BLUEGRASS	30 lb/ac 30 lb/ac 20 lb/ac 15 lb/ac						

- TURFGRASS ESTABLISHMENT** - THIS INCLUDES LAWNS, PARKS, PLAYGROUNDS, AND COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. AREAS TO RECEIVE SEED SHALL BE TILLED BY DISCING OR BY OTHER APPROVED METHODS TO A DEPTH OF 3 TO 5 INCHES, LEVELED AND RAKED TO PREPARE A PROPER SEEDBED. STONES AND DEBRIS OVER 1-1/2 INCHES IN DIAMETER SHALL BE REMOVED. THE RESULTING SEEDBED SHALL BE IN SUCH CONDITION THAT FUTURE MOWING OF GRASSES WILL POSE NO DIFFICULTY. USE CERTIFIED MATERIAL AND CHOOSE A TURFGRASS MIXTURE FROM PAGE G-20 OF THE 1994 STANDARDS AND SPECIFICATIONS OR SELECT FROM THE LIST IN THE MOST CURRENT UNIVERSITY OF MARYLAND PUBLICATION, TURFGRASS TECHNICAL UPDATE TT-77, "RECOMMENDED TURFGRASS CULTIVARS".
- MULCHING** - ALL SEEDINGS REQUIRE MULCHING. ALSO MULCH DURING NON-SEEDING DATES UNTIL SEEDING CAN BE DONE. MULCH SHALL BE UNROTTED, UNCHOPPED, SMALL GRAIN STRAW APPLIED AT A RATE OF 2 TONS/ACRE OF 90 LBS/1000 SQ. FT. (2 BALES). IF A MULCH ANCHORING TOOL IS USED, APPLY 2.5 TONS/ACRE. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE COMPLETELY FREE OF PROHIBITED NOXIOUS WEEDS. SPREAD MULCH UNIFORMLY, MECHANICALLY OR BY HAND, TO A DEPTH OF 1-2 INCHES. MULCH ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER MULCH PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY MULCH NETTINGS, MULCH ANCHORING TOOL, WOOD CELLULOSE FIBER OR LIQUID MULCH BINDERS.

APPLY WOOD CELLULOSE FIBER AT A DRY WEIGHT OF 1,500 LBS/ACRE. IF MIXED WITH WATER USE 50 LBS. OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER. LIQUID BINDER SHOULD BE APPLIED HEAVIER AT THE EDGE, WHERE WIND CATCHES MULCH IN VALLEYS, AND ON CREST OF BANKS. THE REMINDER OF THE AREA SHOULD APPEAR UNIFORM AFTER BINDER APPLICATION. APPLY RATES RECOMMENDED BY THE MANUFACTURER TO ANCHOR AND MULCH. STAPLE LIGHT WEIGHT, PLASTIC NETTING OVER THE MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

- SODDING** - CLASS OF TURFGRASS SOD SHALL BE MARYLAND OR VIRGINIA STATE CERTIFIED, OR MARYLAND OR VIRGINIA STATE APPROVED SOD. SOD SHALL BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD IS TO BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOUR USING STAGGERED JOINTS WITH ALL ENDS TIGHTLY ABUTTED AND NOT OVER LAPPING. SOD SHALL BE ROLLED AND THOROUGHLY WATERED AFTER INSTALLATION. DAILY WATERING TO MAINTAIN 4 INCH DEPTH OF MOISTURE FOR THE FIRST WEEK IS REQUIRED IN THE ABSENCE OF RAINFALL. SOD IS NOT TO BE APPLIED ON FROZEN GROUND.
- MAINTENANCE**
A. IRRIGATE - APPLY MINIMUM 1" OF WATER EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE. WHEN SOIL MOISTURE BECOMES DEFICIENT TO PREVENT LOSS OF STAND OF PROTECTIVE VEGETATION.
B. REPAIRS - IF STAND PROVIDES BETWEEN 40% AND 94% GROUND COVERAGE, OVERSEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY APPLIED. IF STAND PROVIDES LESS THAN 40% COVERAGE, REESTABLISH STAND FOLLOWING ORIGINAL RATES AND PROCEDURES.
- NOTE:** USE OF THIS INFORMATION DOES NOT PRECLUDE MEETING ALL OF THE REQUIREMENTS OF THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL VEGETATIVE PRACTICES.

B-3 STANDARDS AND SPECIFICATIONS

FOR

LAND GRADING

Definition

Reshaping the existing land surface to provide suitable topography for building facilities and other site improvements.

Purpose

To provide erosion control and vegetative establishment for extreme changes in grade.

Conditions Where Practice Applies

Earth disturbances or extreme grade modifications on steep or long slopes.

Design Criteria

The grading plan should be based on the incorporation of building designs and street layouts that fit and utilize existing topography and desirable natural surroundings to avoid extreme grade modifications. Information submitted must provide sufficient topographic surveys and soil investigations to determine limitations that must be imposed on the grading operation related to slope stability, adjacent properties, drainage patterns, measures for water removal, and vegetative treatment, etc.

Many jurisdictions have regulations and design procedures already established for land grading that must be followed. The plan must show existing and proposed contours for the area(s) to be graded including practices for erosion control, slope stabilization, and safe conveyance of runoff (e.g., waterways, lined channels, reverse benches, grade stabilization structures). The grading/construction plans are to include the phasing of these practices and consideration of the following:

- Provisions to safely convey surface runoff to storm drains, protected outlets or stable water courses to ensure that surface runoff will not damage slopes or other graded areas.
- Cut and fill slopes, stabilized with grasses, no steeper than 2:1. (Where the slope is to be mowed, the slope should be no steeper than 3:1, but 4:1 is preferred because of safety factors related to mowing steep slopes.) Slopes steeper than 2:1 require special design and stabilization considerations to be shown on the plans.
 - Provide benches with a minimum width of six feet for ease of maintenance.
 - Design benches with a reverse slope of 6:1 or flatter to the toe of the upper slope and with a minimum of one foot in depth. Grade the longitudinal slope of the bench between 2 percent and 3 percent, unless accompanied by appropriate design and computations.

B.5

- The maximum allowable flow length within a bench is 800 feet unless accompanied by appropriate design and computations.

- Diversion of surface water from the face of all cut and fill slopes using earth dikes or swales. Convey surface water down slope using a designed structure, and:
 - Protect the face of all graded slopes from surface runoff until they are stabilized.

- Do not subject the slope's face to any concentrated flow of surface water such as from natural drainage ways, graded swales, downspouts, etc.

- Protect the face of the slope by special erosion control materials to include, but not be limited to, approved vegetative stabilization practices, riprap or other approved stabilization methods.

- Serrated slopes as shown in Detail B-3-1. The steepest allowable slope for ripable rock is 1.5:1. For non rock surfaces, the slopes are to be 2:1 or flatter. These steps will weather and act to hold moisture, lime, fertilizer and seed thus producing a much quicker and longer lived vegetative cover and better slope stabilization.

- Subsurface drainage provisions. Provide subsurface drainage where necessary to intercept seepage that would otherwise adversely affect slope stability or create excessively wet site conditions.

- Proximity to adjacent property. Slopes must not be created close to property lines without adequate protection against sedimentation, erosion, slippage, settlement, subsidence, or other related damages.

- Quality of fill material. Fill material must be free of brush, rubbish, logs, stumps, building debris, and other objectionable material. Do not place frozen materials in the fill nor place the fill material on a frozen foundation.

- Stabilization. Stabilize all disturbed areas structurally or vegetatively in compliance with Section B-4 Standards and Specifications for Stabilization Practices.

Maintenance

The line, grade, and cross section of of benches and serrated slopes must be maintained. Benches and serrated slopes must continuously meet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization.

SEQUENCE OF CONSTRUCTION

ACTIVITY: TRAIL SEGMENT #1	TIMING
1. CLEAR AND GRUB ONLY AS NECESSARY FOR THE INSTALLATION OF ALL PHASE 1 SEDIMENT AND EROSION CONTROL DEVICES WITHIN TRAIL SEGMENT #1. WHEN COMPLETE, INSTALL PHASE 1 SEDIMENT CONTROLS ONLY, AS SHOWN IN THE INSET ON DRAWING C-3.1.	DAYS 1 - 3
2. CLEAR, GRUB AND ROUGH GRADE AREA AND INSTALL CULVERT ES-3 TO HW-1.	DAYS 3 - 8
3. WHEN CULVERT AND APPURTENANCES ARE COMPLETE, REMOVE CLEAR WATER DIVERSION PIPE AND SANDBAGS, FILL OVER PIPE TO PROPOSED GRADE AND IMMEDIATELY STABILIZE THE SLOPES AND TRAIL WITH SOIL STABILIZATION MATTING AND TRAIL BASE STONE. INSTALL TRAIL SEGMENT PAVING OVER BASE STONE TO THE EXTENT SHOWN IN PHASE 1.	DAYS 8 - 12
4. WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE REMAINING PHASE 1 SEDIMENT AND EROSION CONTROL DEVICES, EXCEPT FOR SCE-2 WHICH IS TO REMAIN, AND PERMANENTLY STABILIZE ANY AREA DISTURBED BY THE REMOVAL.	DAYS 12 - 14
5. CLEAR AND GRUB ONLY AS NECESSARY FOR THE INSTALLATION OF ALL OTHER SEDIMENT AND EROSION CONTROL DEVICES WITHIN TRAIL SEGMENT #1. WHEN COMPLETE, INSTALL ALL OTHER SEDIMENT CONTROLS FOR TRAIL SEGMENT #1. EARTH DIKES MUST BE TEMPORARILY STABILIZED WITHIN 3 DAYS OF CONSTRUCTION.	DAYS 14 - 17
6. CLEAR, GRUB AND ROUGH GRADE THE REST OF TRAIL SEGMENT #1. INSTALL STORM DRAIN SYSTEMS FIRST, UPON INSTALLATION OF STORM DRAIN INLETS, INSTALL INLET PROTECTION, INSTALL TRAIL PAVING, FINE GRADE AND STABILIZE VEGETATIVE AREAS OUTSIDE OF THE SWM FACILITIES.	DAYS 17 - 25
7. WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR AND NOTIFYING CERTIFYING ENGINEER 72 HOURS IN ADVANCE, CONSTRUCT SWM FACILITIES WITHIN TRAIL SEGMENT #1; DISTURB ONLY THAT AREA WHICH CAN BE STABILIZED WITHIN A THREE DAY NOAA DRY WEATHER FORECAST.	DAYS 23 - 27
8. PERMANENTLY STABILIZE ANY REMAINING DISTURBED AREAS IN TRAIL SEGMENT #1.	DAYS 27 - 28
9. WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES, FOR TRAIL SEGMENT #1 ONLY, AND PERMANENTLY STABILIZE ANY AREA DISTURBED BY THE REMOVAL.	DAYS 28 - 29

TRAIL SEGMENT #2

- CLEAR AND GRUB ONLY AS NECESSARY FOR THE INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES WITHIN TRAIL SEGMENT #2. INSTALL STABILIZED CONSTRUCTION ENTRANCE #3, SILT FENCE, AND SUPER SILT FENCE.
- BEGIN GRADING AND TRAIL SEGMENT #2 CONSTRUCTION. INSTALL TRAIL PAVING. STABILIZE VEGETATIVE AREAS OUTSIDE OF SWM FACILITY.
- WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR AND NOTIFYING CERTIFYING ENGINEER 72 HOURS IN ADVANCE, CONSTRUCT SWM FACILITY WITHIN TRAIL SEGMENT #2; DISTURB ONLY THAT AREA WHICH CAN BE STABILIZED WITHIN A THREE DAY NOAA DRY WEATHER FORECAST.
- PERMANENTLY STABILIZE ALL DISTURBED AREAS IN TRAIL SEGMENT #2.
- WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES, THE CLEAR WATER DIVERSION PIPE, AND PERMANENTLY STABILIZE ANY AREA DISTURBED BY THE REMOVAL.

PROPERTY	TEST METHOD	MINIMUM AVERAGE ROLL VALUE ¹					
		WOVEN SLIT FILM GEOTEXTILE		WOVEN MONOFILAMENT GEOTEXTILE		NONWOVEN GEOTEXTILE	
		MD	CD	MD	CD	MD	CD
Grab Tensile Strength	ASTM D-4632	200 lb	200 lb	370 lb	250 lb	200 lb	200 lb
Grab Tensile Elongation	ASTM D-4632	15%	10%	15%	15%	50%	50%
Trapezoidal Tear Strength	ASTM D-4533	75 lb	75 lb	100 lb	60 lb	80 lb	80 lb
Puncture Strength	ASTM D-6241	450 lb		900 lb		450 lb	
Apparent Opening Size ²	ASTM D-4751	U.S. Sieve 30 (0.59 mm)		U.S. Sieve 70 (0.21 mm)		U.S. Sieve 70 (0.21 mm)	
Permittivity	ASTM D-4491	0.05 sec ⁻¹		0.28 sec ⁻¹		1.1 sec ⁻¹	
Ultraviolet Resistance Retained at 500 hours	ASTM D-4355	70% strength		70% strength		70% strength	

¹ All numeric values except apparent opening size (AOS) represent minimum average roll values (MARV). MARV is calculated as the typical minus two standard deviations. MD is machine direction, CD is cross direction.

² Values for AOS represent the average maximum opening.

Geotextiles must be evaluated by the National Transportation Product Evaluation Program (NTPPEP) and conform to the values in Table H.1.

The geotextile must be inert to commonly encountered chemicals and hydrocarbons and must be rot and mildew resistant. The geotextile must be manufactured from fibers consisting of long chain synthetic polymers and composed of a minimum of 95 percent by weight of polyolefins or polyesters, and formed into a stable network so the filaments or yarns retain their dimensional stability relative to each other, including selvages.

When more than one section of geotextile is necessary, overlap the sections by at least one foot. The geotextile must be pulled taut over the applied surface. Equipment must not run over exposed fabric. When placing riprap on geotextile, do not exceed a one foot drop height.

NOTE TO CONTRACTOR: EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

BY	REVISION	DATE	NO.

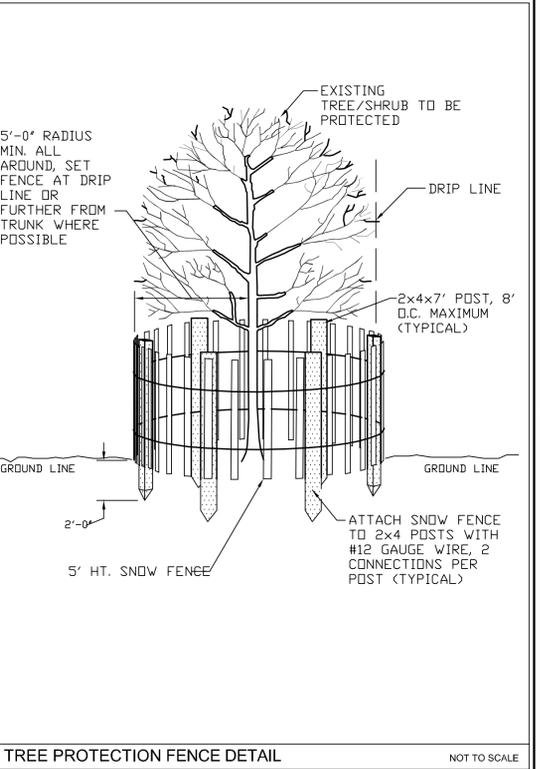
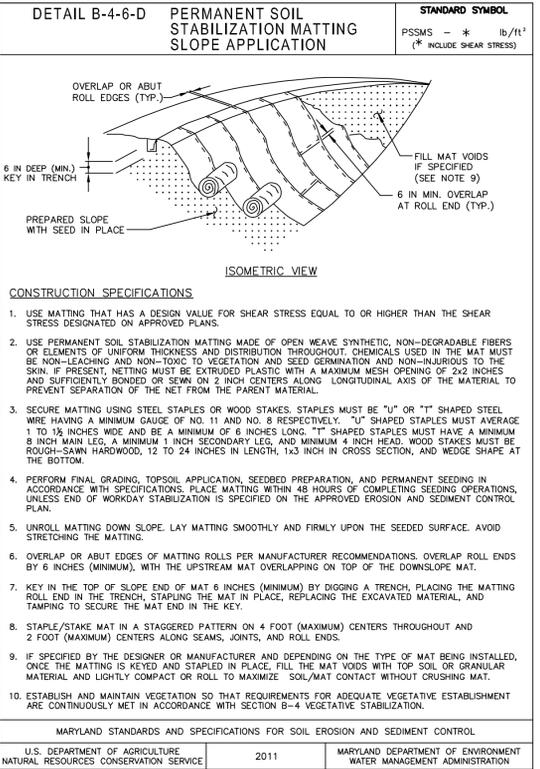
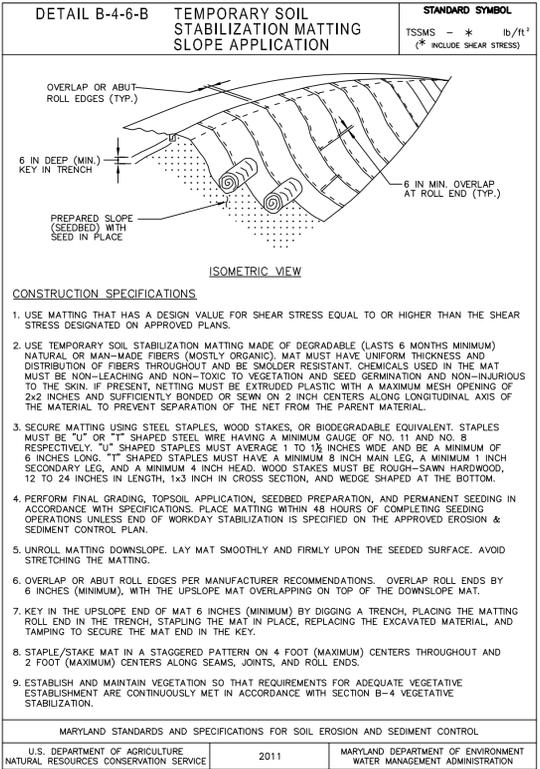
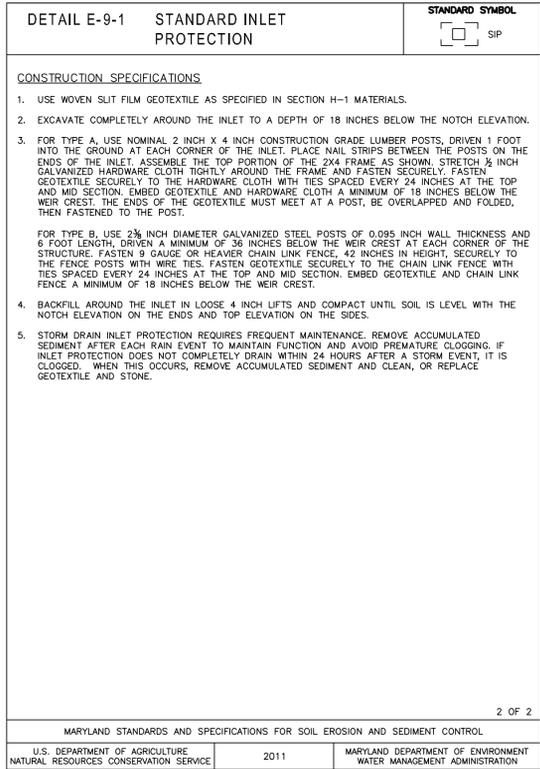
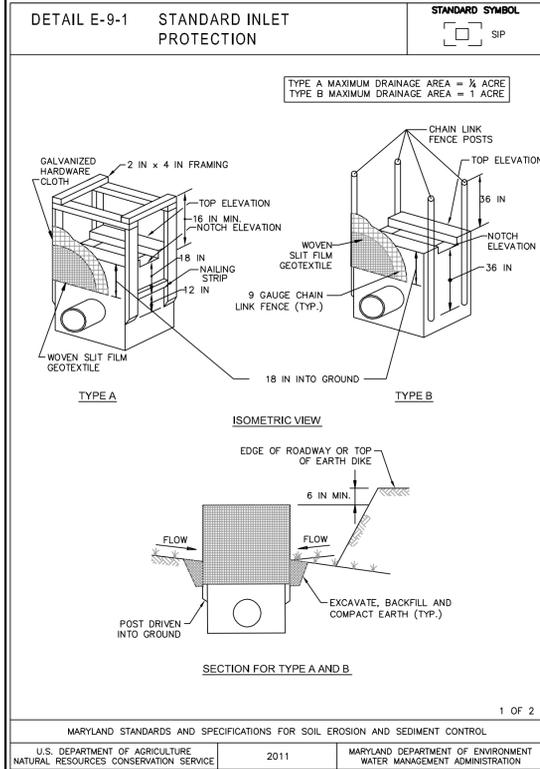
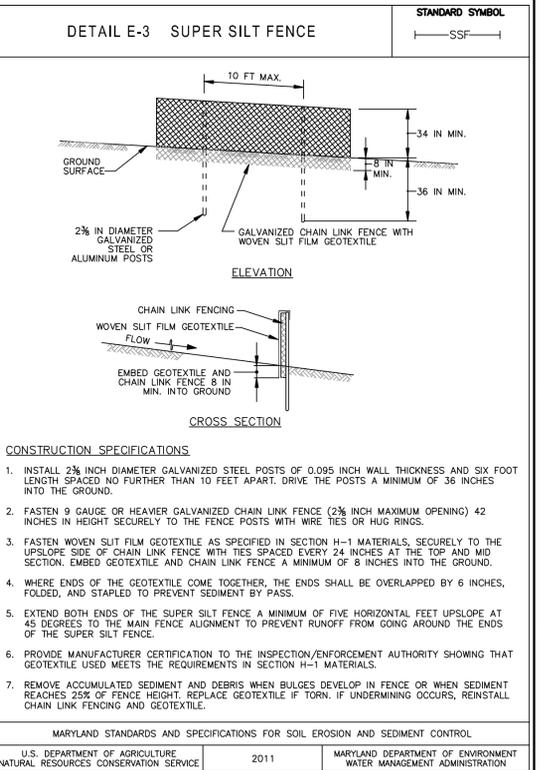
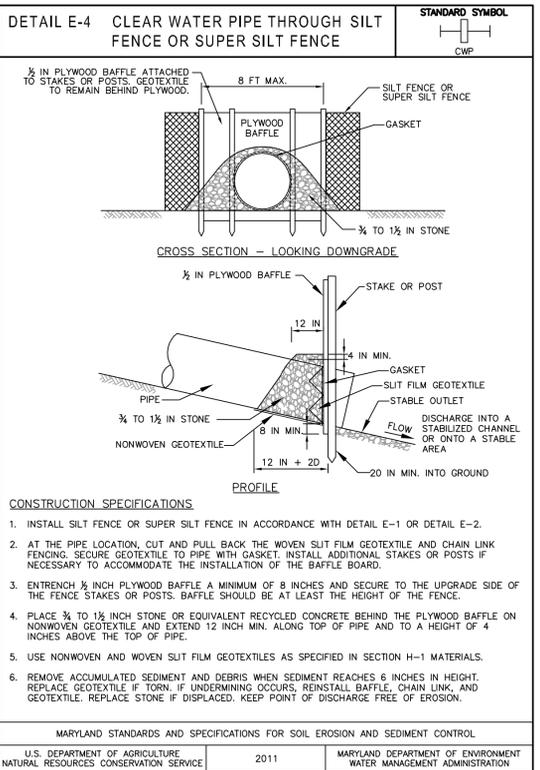
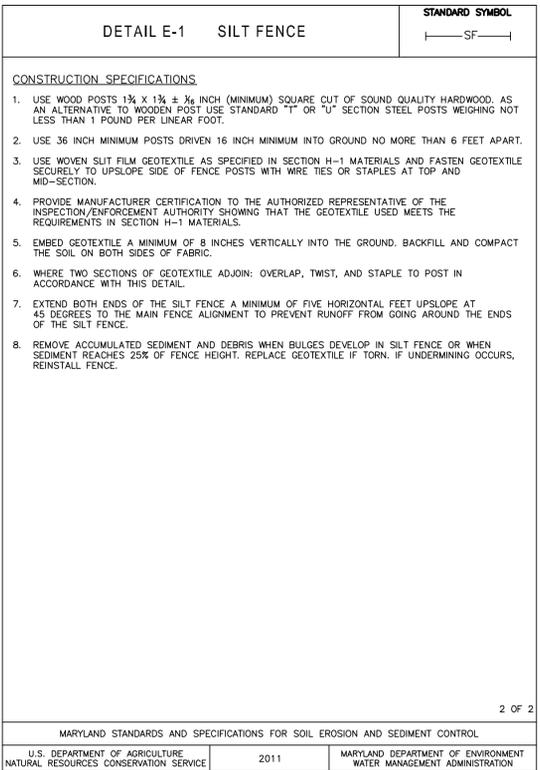
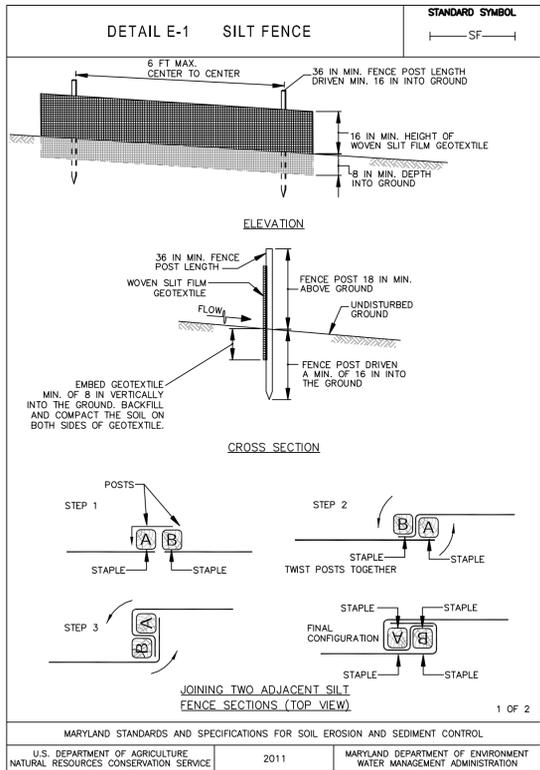
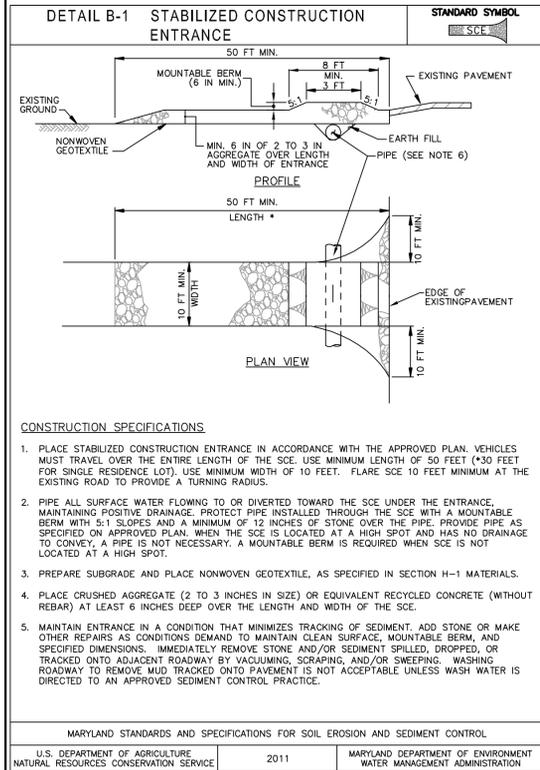
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture
 FLOURA TEETER
 landscape architects
 800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.6395
 Fax: 410.528.6425


SEDIMENT AND EROSION CONTROL NOTES
 Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

DESIGNED: X.X.X.
DRAWN: X.X.X.
CHECKED: X.X.X.
SCALE: AS SHOWN
DATE: 08/28/13
PROJECT: 2012.0339.00.0
DRAWING:

CC201



DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

BY	
REVISION	
DATE	
NO.	

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License # _____ Expiration Date: _____

WHITNEY BAILEY COX & MAGNANI, LLC
8609 Parklands Drive
Baltimore, MD 21286
PHONE: 410.528.6000 FAX: 410.528.4100
www.wbcbcm.com

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

FLORA TEETER
landscape architects
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.6395
Fax: 410.528.6425

FLORA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

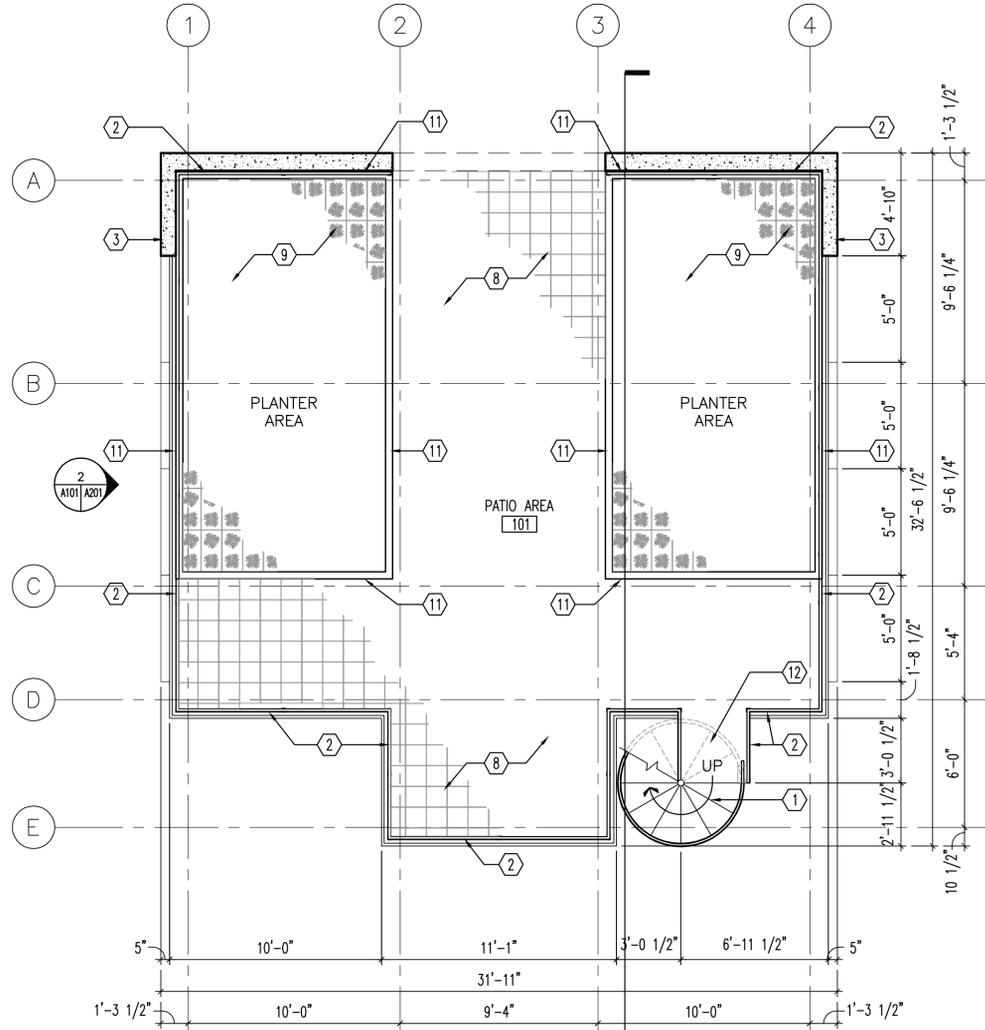
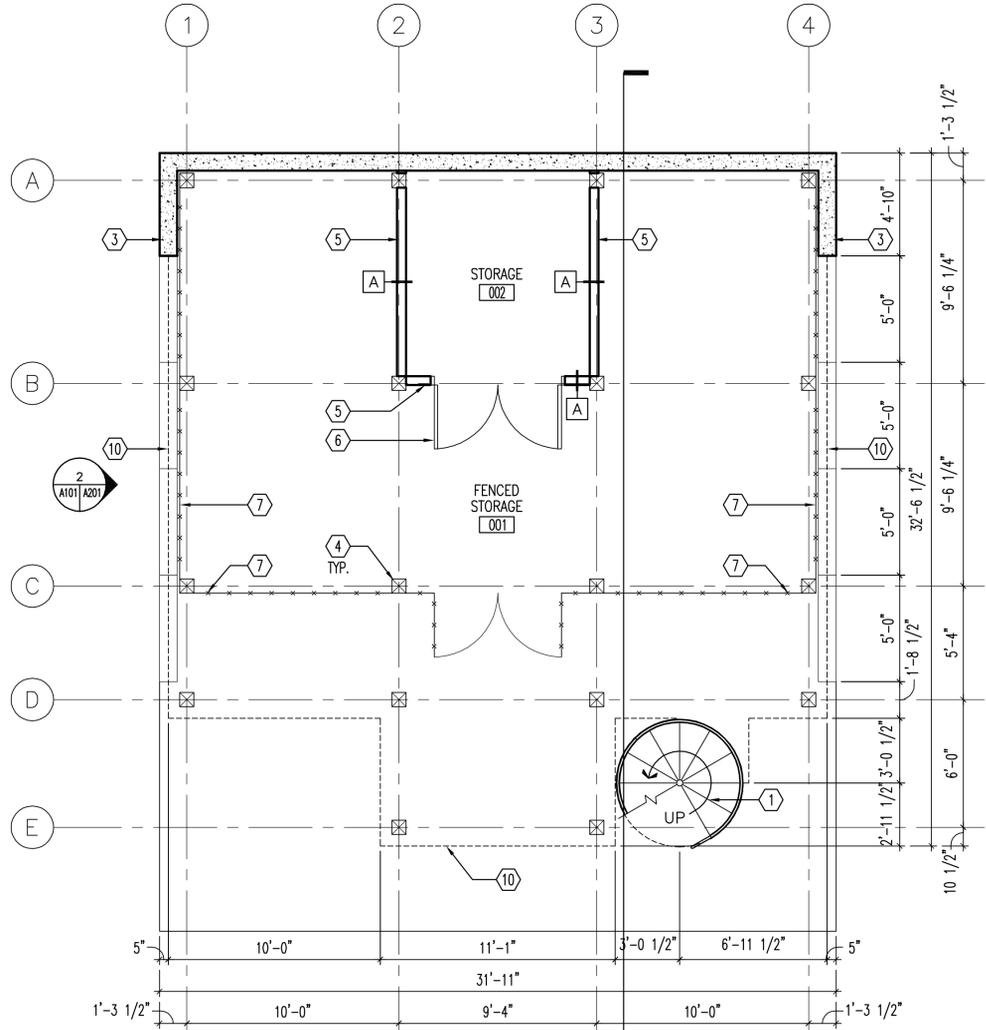
SEDIMENT AND EROSION CONTROL DETAILS

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	X.X.X.
DRAWN:	X.X.X.
CHECKED:	X.X.X.
SCALE:	AS SHOWN
DATE:	08/28/13
PROJECT:	2012.0339.00.0
DRAWING:	

NOTE TO CONTRACTOR: EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

CC202



- SHEET KEYNOTES:**
- ① METAL SPIRAL STAIR WITH OPEN RISER. GUARD RAIL W/ METAL PANEL SCREENING & HAND RAIL
 - ② 2" X 2" SQUARE POSTS WITH 1 1/2" METAL RAIL @ GUARD RAIL HEIGHT & METAL MESH PANEL IN CHANNEL FRAME FASTENED TO GUARD RAIL POST.
 - ③ 10" REINFORCED CONCRETE WALL REFER TO STRUCTURAL DRAWINGS.
 - ④ 8" X 8" TREATED ROUGH CUT WOOD COLUMNS WITH CONCRETE FOOTING.
 - ⑤ 2" X 4" WOOD STUD FRAMING @ 24" O.C. WITH 3/4" WOOD PANELS BATTENS @ 24" O.C.
 - ⑥ (2) 3' X 7" HOLLOW METAL UNINSULATED HINGED DOORS WITH METAL WRAP AROUND FRAME AND JAMB ANCHORS, PAINT FINISH.
 - ⑦ GALVANIZED STEEL CHAIN LINK FENCING WITH HINGED (2) 3' X 7" GATES.
 - ⑧ 12" X 12" ROOF PAVERS WITH RIGID HIGH TAB PEDESTALS.
 - ⑨ 1' X 2' MODULAR PRE-GROWN SEDUM TRAY SYSTEM SIMILAR TO (LIVEROOF STANDARD SYSTEM B)
 - ⑩ LINE OF PATIO ROOF ABOVE.
 - ⑪ 4"W X 6"H TREATED WOOD CURB AROUND PLANTER AREA.
 - ⑫ SPIRAL STAIR METAL LANDING AT PATIO LEVEL, FLUSH WITH PAVERS.

NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License # _____ Expiration Date: _____

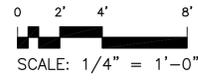
FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
landscape architects
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

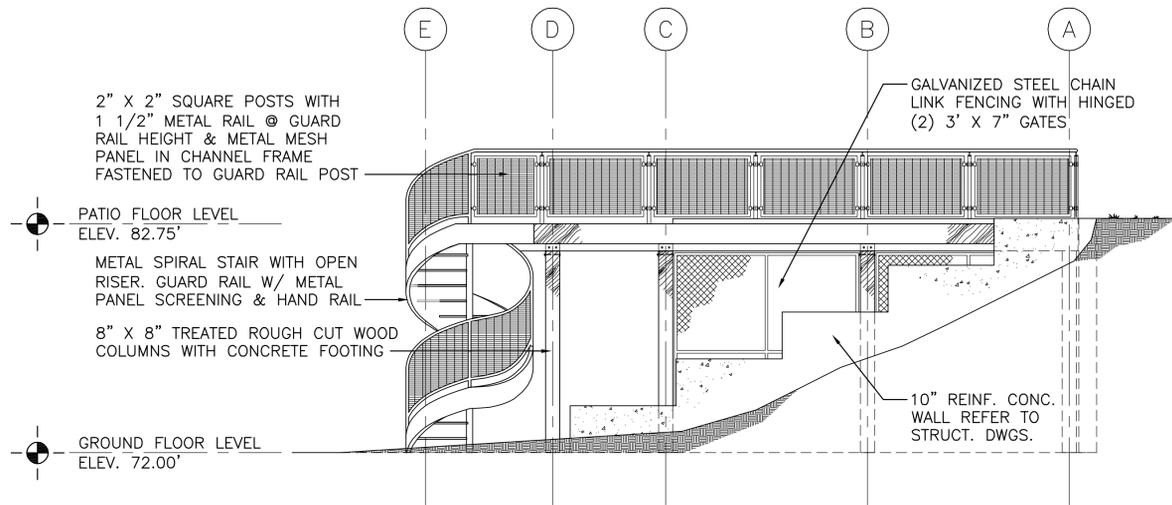
WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

GROUND & PATIO FLOOR PLANS
Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

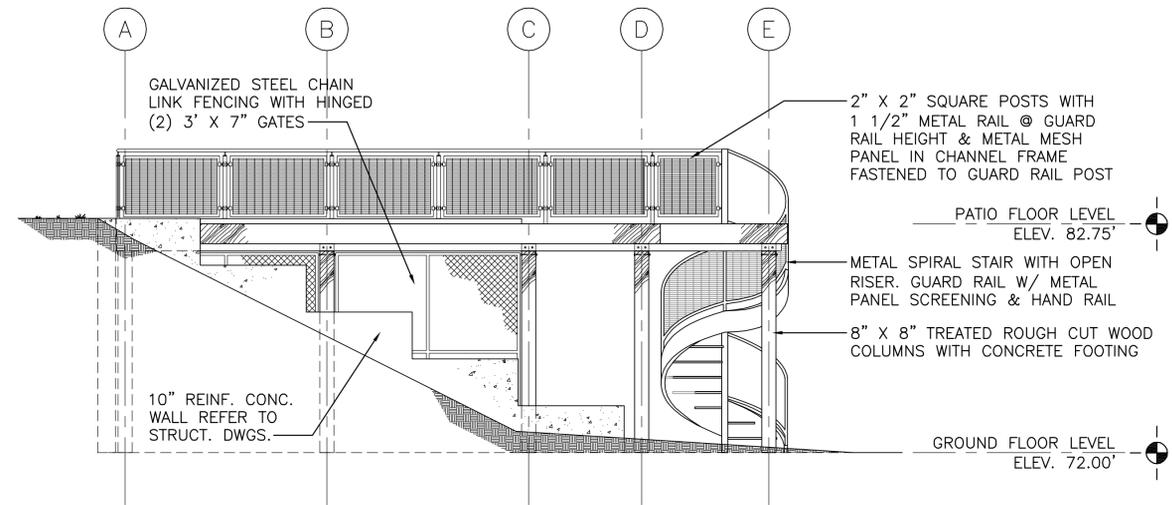
DESIGNED:	SCB
DRAWN:	JMM
CHECKED:	JMM
SCALE:	AS NOTED
DATE:	09/17/13
PROJECT:	2012.0339.00.0
DRAWING:	



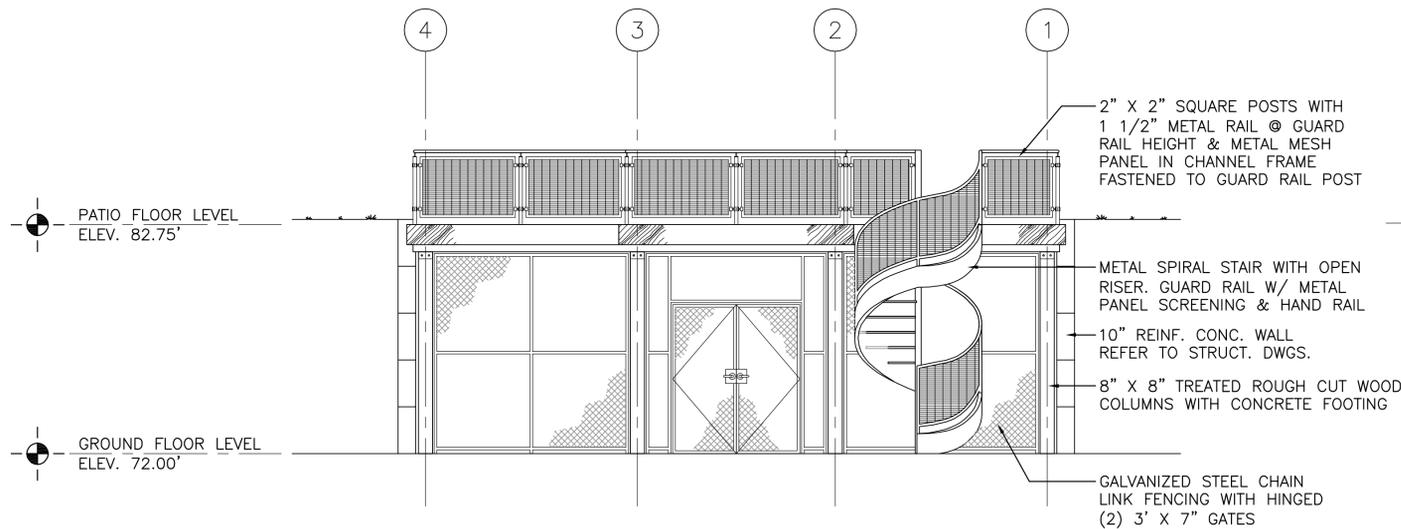
A101



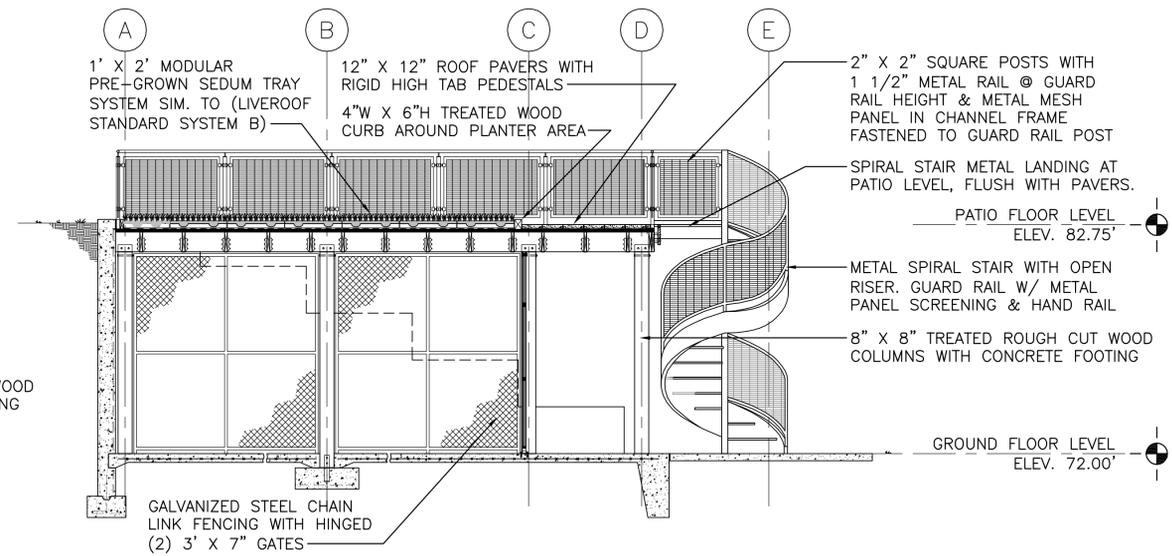
1 WEST ELEVATION
SCALE: 1/4" = 1'-0"



2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



4 PATIO LEVEL FLOOR PLAN
SCALE: 1/4" = 1'-0"

NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License # _____ Expiration Date: _____

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

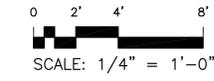
WHITNEY BAILEY COX & MAGNANI, LLC
669 Farmington Road
P.O. Box 110
Baltimore, MD 21286
Phone: 410.528.8395
Fax: 410.528.8425
www.wbcm.com

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

ELEVATIONS & BUILDING SECTION

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	SCB
DRAWN:	JMM
CHECKED:	JMM
SCALE:	AS NOTED
DATE:	09/17/13
PROJECT:	2012.0339.00.0
DRAWING:	



A201

GENERAL NOTES

1. CODE

- A. ALL NEW CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2012 INTERNATIONAL BUILDING CODE AND ALL SUPPLEMENTS.

2. DESIGN LOADS

- A. THE MINIMUM DESIGN DEAD LOADING FOR ALL FRAMING IS BASED ON THE CONSTRUCTION MATERIALS SHOWN ON THE DRAWINGS AND INDICATED IN THE SPECIFICATIONS.
- B. THE MINIMUM DESIGN LIVE LOADING FOR ALL FRAMING IS AS FOLLOWS:
FLOOR LIVE LOAD..... 100 PSF
WIND LOAD..... 25 PSF

3. GENERAL

- A. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS OF EXISTING WORK PRIOR TO FABRICATION OF ANY NEW MATERIALS.
- B. THE CONTRACTOR IS ADVISED THAT ALL PLANS, DIMENSIONS, AND DETAILS DEPICT FIELD CONDITION AS SHOWN. MINOR VARIATIONS ARE TO BE EXPECTED AND ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE APPROVED BY THE CONTRACTING OFFICER IN WRITING PRIOR TO PROCEEDING.
- C. ANY REVIEW OF STRUCTURAL SHOP DRAWINGS BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AS PRESENTED BY THE CONTRACT DOCUMENTS. NO DETAILED CHECK OF QUANTITIES OR DIMENSIONS WILL BE MADE BY THE ENGINEER.
- D. SUBMIT SHOP DRAWINGS FOR ALL AREAS OF WORK IN THEIR ENTIRETY.
- E. THE STRUCTURAL CONTRACT DOCUMENTS ARE NOT TO BE REPRODUCED FOR USE AS SHOP DRAWINGS.
- F. SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE CONTRACTOR. IF A CONTRACTOR OR CONTRACTING OFFICER FAILS TO SUBMIT THE SHOP DRAWINGS, THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION OR FOR THE DESIGN OF THE PROJECT.

4. FOUNDATIONS

- A. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH GRADE FOR FROST PROTECTION.
- B. ALL FOOTINGS HAVE BEEN DESIGNED FOR A NET ALLOWABLE SOIL BEARING PRESSURE OF 2 KSF. SHOULD THE ACTUAL SOIL BEARING PRESSURE BE LESS THAN 2 KSF, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- C. ALL FILL PLACED UNDER SPREAD FOOTINGS SHALL BE COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698.
- D. ALL EXCAVATION AND BACKFILLING OPERATIONS WITHIN THE BRIDGE FOOTPRINT, INCLUDING ALL COMPACTION TESTS AND INSPECTIONS, SHALL BE DONE UNDER THE DIRECTION AND SUPERVISION OF A REGISTERED GEOTECHNICAL ENGINEER.
- E. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL FOUNDATION AND SOIL CONDITIONS WHICH DIFFER FROM THOSE ANTICIPATED OR INDICATED IN THE CONTRACT DOCUMENTS.

5. CAST-IN-PLACE CONCRETE

5A. GENERAL CONSTRUCTION

- A. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF THE FOLLOWING A.C.I. AND A.S.T.M. DOCUMENTS:
ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
ACI-302.1R FLOOR AND SLAB CONSTRUCTION
ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
ACI-214 COMPRESSION TESTS
ACI-306 COLD WEATHER
ACI-315 DETAILING
ACI-347 FORMWORK
ACI-305 HOT WEATHER
ACI-211 PROPORTIONS OF CONCRETE
ACI-304 PLACING CONCRETE
ASTM C94 READY-MIX CONCRETE
- B. ALL FIELD AND LAB TESTING OF CONCRETE SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL GOVERNMENT) EDITIONS OF ASTM:
ASTM C31 FIELD CYLINDER SPECIMENS
ASTM C143 SLUMP TEST
ASTM C231 AIR CONTENT (WHEN REQUIRED)
ASTM C39 LAB TESTING CYLINDERS
ASTM C172 SAMPLING FRESH CONCRETE
ASTM C42 HARDENED CORES (WHEN REQUIRED)

- C. ALL CONCRETE, UNLESS NOTED OTHERWISE, SHALL BE STONE AGGREGATE CONCRETE HAVING THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS:

SLAB ON GRADE - 3500 PSI
WALLS & FOOTINGS - 4000 PSI

- D. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 6% ± 1.5%, UNLESS NOTED OTHERWISE. NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED. MAXIMUM AGGREGATE SIZE FOR CONCRETE SHALL BE 1", U.N.O. ALL CONCRETE SHALL CONTAIN A WATER REDUCING ADMIXTURE, U.N.O.
- E. ALL CONCRETE MIX DESIGNS AND ADMIXTURES SHALL BE APPROVED BY THE ENGINEER 30 DAYS PRIOR TO INITIATION OF FIRST POUR. ALL CONCRETE UNLESS NOTED OTHERWISE, SHALL BE STONE AGGREGATE CONCRETE CONFORMING TO SHA MIX #3.
- F. ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, FLAT SHEETS.
- G. ALL CONCRETE SHALL BE SAMPLED AND TESTED AND REINFORCING INSPECTED BY AN AGENCY RETAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE TESTING AGENCY 48 HOURS PRIOR TO THE POURING OF ANY CONCRETE.
- H. TESTING FREQUENCY: OBTAIN ONE CONCRETE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YD. BUT LESS THAN 25 CU. YD. PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF.
- I. a. CAST AND LABORATORY CURE TWO SETS OF TWO STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
b. CAST AND FIELD CURE TWO SETS OF TWO STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
- J. COMPRESSIVE STRENGTH TESTS: ASTM C39/C 39M; TEST ONE SET OF TWO LABORATORY CURED SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS.
a. TEST ONE SET OF TWO FIELD-CURED SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS.
b. A COMPRESSIVE-STRENGTH TEST SHALL BE THE AVERAGE COMPRESSIVE STRENGTH FROM A SET OF TWO SPECIMENS OBTAINED FROM SAME COMPOSITE SAMPLE AND TESTED AT AGE INDICATED.
- K. CONCRETE EXPOSED TO PUBLIC VIEW SHALL MEET THE REQUIREMENTS FOR ARCHITECTURAL CONCRETE OF ACI 301.
- L. ALL FORMWORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "FORMWORK FOR CONCRETE", SPECIAL PUBLICATION NO. 4 AND ACI'S "STANDARD RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" (ACI-347, LATEST LOCAL APPROVED EDITION).
- M. STEEL REINFORCING SHOP DRAWINGS: DRAWINGS THAT DETAIL FABRICATION, BENDING, AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT, SPLICES AND LAPS, AND MECHANICAL CONNECTIONS, TIE SPACING, HOOP SPACING AND SUPPORT FOR CONCRETE REINFORCEMENT. SHOP AND ERECTION DRAWINGS SHALL NOT BE REPRINTS OF THE CONTRACT DRAWINGS NOR SHALL THEY REFERENCE THE CONTRACT DRAWINGS IN LIEU OF INDICATING THE REQUIRED INFORMATION. THEY SHALL, IN THE OPINION OF THE ARCHITECT BE COMPLETE IN ALL DETAILS AND SHALL ACCURATELY INDICATE THE LOCATION OF ALL CAST-IN-PLACE WORK AND CLEARLY INDICATE ALL DIMENSIONS, REINFORCING DETAILS, ELEVATIONS, MEMBER SIZES, CLEARANCES AND ALL APPURTENANCES AND DETAILS IN CONJUNCTION WITH THIS WORK. FIGURED DIMENSIONS ONLY SHALL BE USED, SCALING DRAWINGS IS NOT PERMITTED.

6. WOOD FRAMING

6A.GENERAL WOOD FRAMING

- A. ALL WOOD FRAMING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION SPECIFICATION AITC 105 'RECOMMENDED PRACTICE FOR THE ERECTION OF STRUCTURAL TIMBER FRAMING, AITC 106, "CODE OF STANDARD PRACTICE", AND "THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION, AS PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- B. ALL STEEL TIMBER FASTENINGS AND JOIST HANGERS SHALL BE A MINIMUM OF A 16 GA. GALVANIZED STEEL WITH A RATED LOAD CAPACITY EQUAL TO OR EXCEEDING THE IMPOSED LOADING REQUIREMENTS.
- C. ALL STRUCTURAL LUMBER SHALL BE DENSE NO.1 DOUGLAS FIR KILN DRIED TO 16 TO 19% MAXIMUM MOISTURE IN THE CORE.
- D. NAILING OF ALL FRAMING SHALL MEET THE RECOMMENDED NAILING SCHEDULE CONTAINED IN 2012 IBC.
- E. NO CUTTING AND NOTCHING OF WOOD FRAMING IS ALLOWED.

NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License # 10984 Expiration Date: 06/18/14



WHITNEY BAILEY COX & MAGHANI, LLC
 ARCHITECTURE ENGINEERING CONSTRUCTION



FLOURA TEETER
 ARCHITECTS
 A Joint Venture



WHITNEY BAILEY COX & MAGHANI, LLC
 ARCHITECTS

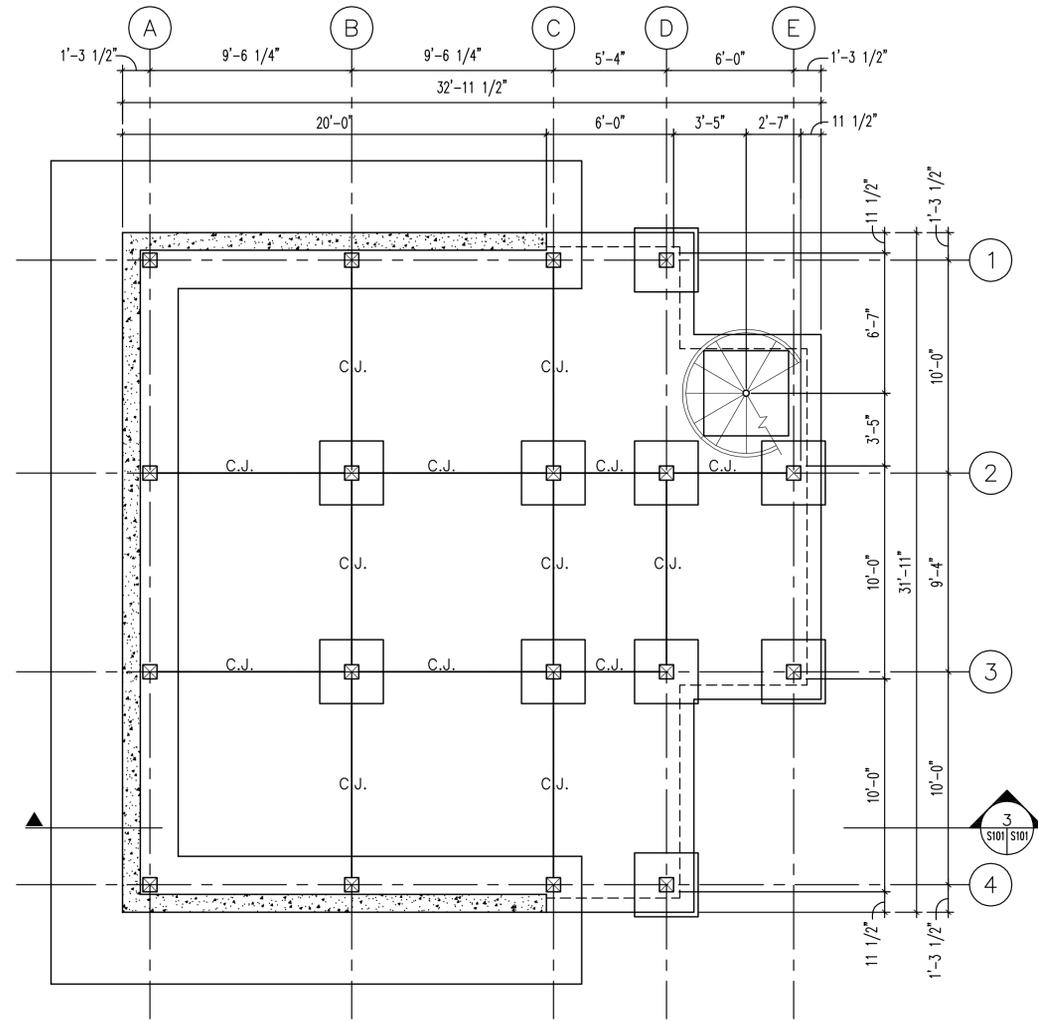
GENERAL NOTES

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

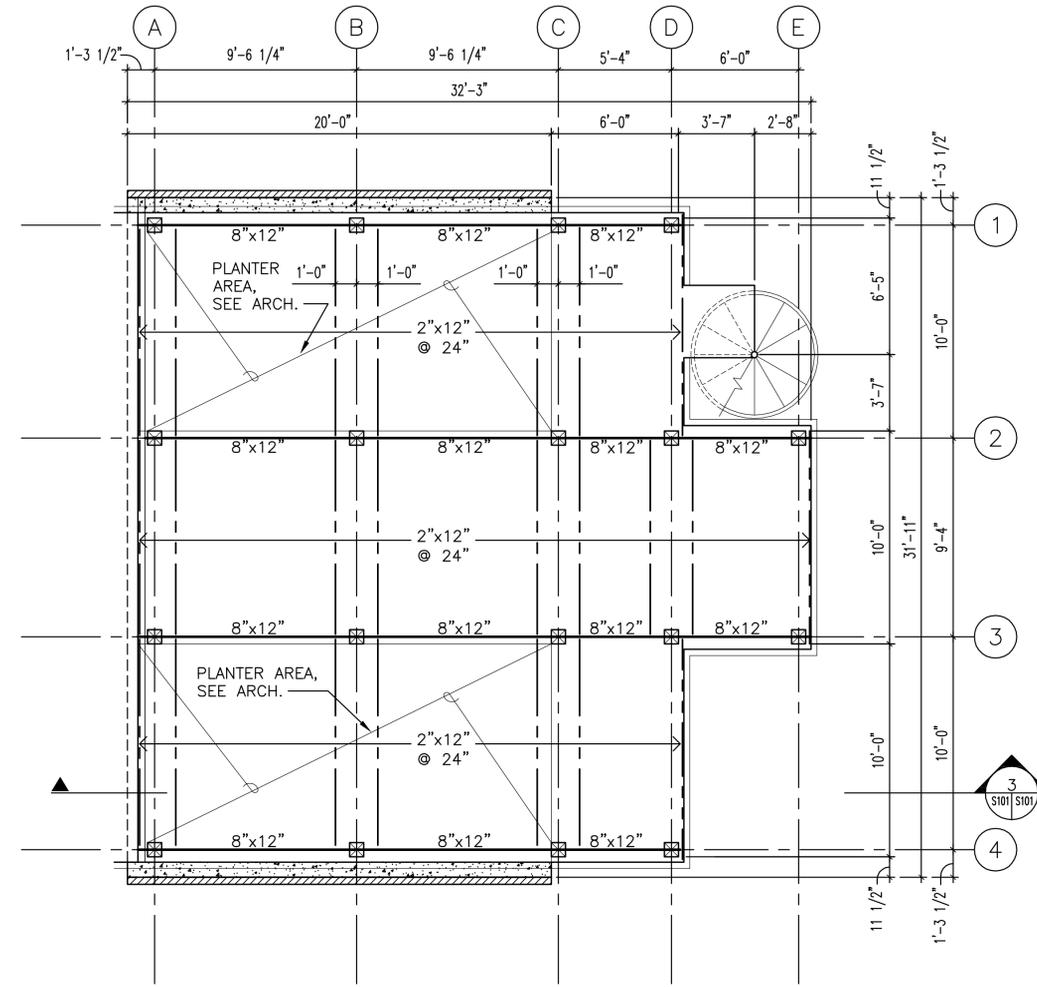
DESIGNED:	BEH
DRAWN:	CG
CHECKED:	BEH
SCALE:	NOT TO SCALE
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	S100

PROGRESS PRINT
 09/18/2013

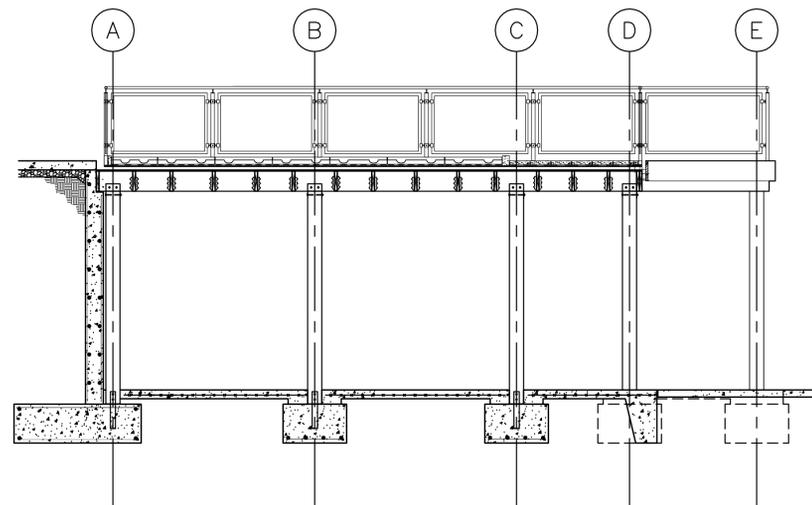
S100



1 FOUNDATION PLAN
S101 SCALE: 1/4"=1'-0"



2 FRAMING PLAN
S101 SCALE: 1/4"=1'-0"



3 SECTION
S101 SCALE: 1/4"=1'-0"

NO.	DATE	REVISION	BY

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License # 10984 Expiration Date: 06/16/14

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

WHITNEY BAILEY COX & MAGNANI, LLC
849 Farmport Ave. Suite 100, Baltimore, MD 21206
PHONE: 410.528.2600
WWW.WBCM.COM

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

FLOURA TEETER
Landscape Architects
100 North Charles St., Ste. 300
Baltimore, MD 21201
Phone: 410.528.8395
Fax: 410.528.8425

FOUNDATION & FRAMING PLANS

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	BEH
DRAWN:	CG
CHECKED:	BEH
SCALE:	1/4"=1'-0"
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

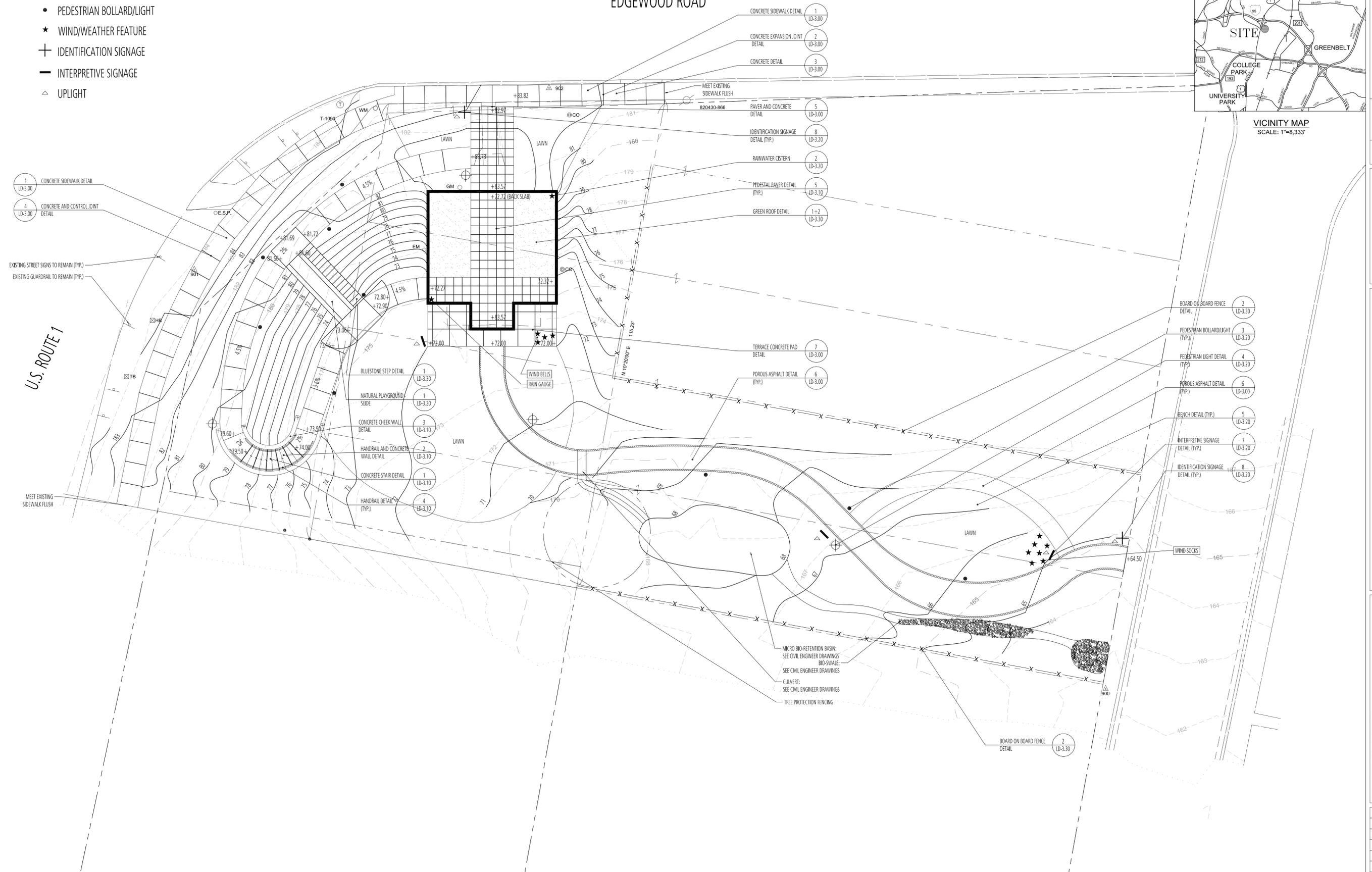
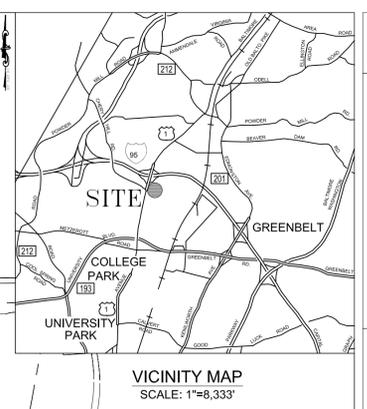
PROGRESS PRINT
09/18/2013

S101

LEGEND

- ⊕ PEDESTRIAN LIGHT
- PEDESTRIAN BOLLARD/LIGHT
- ★ WIND/WEATHER FEATURE
- ⊕ IDENTIFICATION SIGNAGE
- INTERPRETIVE SIGNAGE
- △ UPLIGHT

EDGEWOOD ROAD



- 1 LD-3.00 CONCRETE SIDEWALK DETAIL
- 4 LD-3.00 CONCRETE AND CONTROL JOINT DETAIL

EXISTING STREET SIGNS TO REMAIN (TYP.)
EXISTING GUARDRAIL TO REMAIN (TYP.)

U.S. ROUTE 1

- 1 LD-3.30 BLUESTONE STEP DETAIL
- 1 LD-3.20 NATURAL PLAYGROUND SUDE
- 3 LD-3.10 CONCRETE CHEEK WALL DETAIL
- 2 LD-3.10 HANDRAIL AND CONCRETE WALL DETAIL
- 1 LD-3.10 CONCRETE STAIR DETAIL
- 4 LD-3.10 HANDRAIL DETAIL (TYP.)

- 1 LD-3.00 CONCRETE SIDEWALK DETAIL
- 2 LD-3.00 CONCRETE EXPANSION JOINT DETAIL
- 3 LD-3.00 CONCRETE DETAIL

- 5 LD-3.00 PAVER AND CONCRETE DETAIL
- 8 LD-3.20 IDENTIFICATION SIGNAGE DETAIL (TYP.)
- 2 LD-3.20 RAINWATER CISTERN
- 5 LD-3.10 PEDESTAL PAVER DETAIL (TYP.)
- 1+2 LD-3.30 GREEN ROOF DETAIL

- 7 LD-3.00 TERRACE CONCRETE PAD DETAIL
- 6 LD-3.00 POROUS ASPHALT DETAIL (TYP.)

- 2 LD-3.30 BOARD ON BOARD FENCE DETAIL
- 3 LD-3.20 PEDESTRIAN BOLLARD/LIGHT (TYP.)
- 4 LD-3.20 PEDESTRIAN LIGHT DETAIL (TYP.)
- 6 LD-3.00 POROUS ASPHALT DETAIL (TYP.)
- 5 LD-3.20 BENCH DETAIL (TYP.)
- 7 LD-3.20 INTERPRETIVE SIGNAGE (DETAIL TYP.)
- 8 LD-3.20 IDENTIFICATION SIGNAGE DETAIL (TYP.)

MICRO BIO-RETENTION BASIN:
SEE CIVIL ENGINEER DRAWINGS
BIO-SWALE:
SEE CIVIL ENGINEER DRAWINGS
CULVERT:
SEE CIVIL ENGINEER DRAWINGS
TREE PROTECTION FENCING

- 2 LD-3.30 BOARD ON BOARD FENCE DETAIL

1 HARDSCAPE PLAN
PLAN

SCALE: 1"=10'-0"



NO.	DATE	REVISION	BY

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

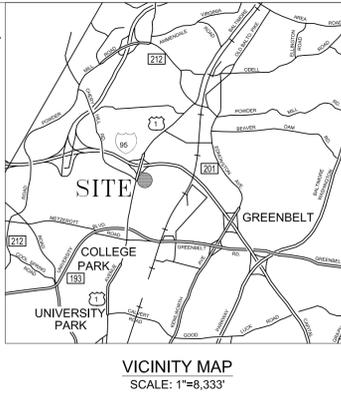
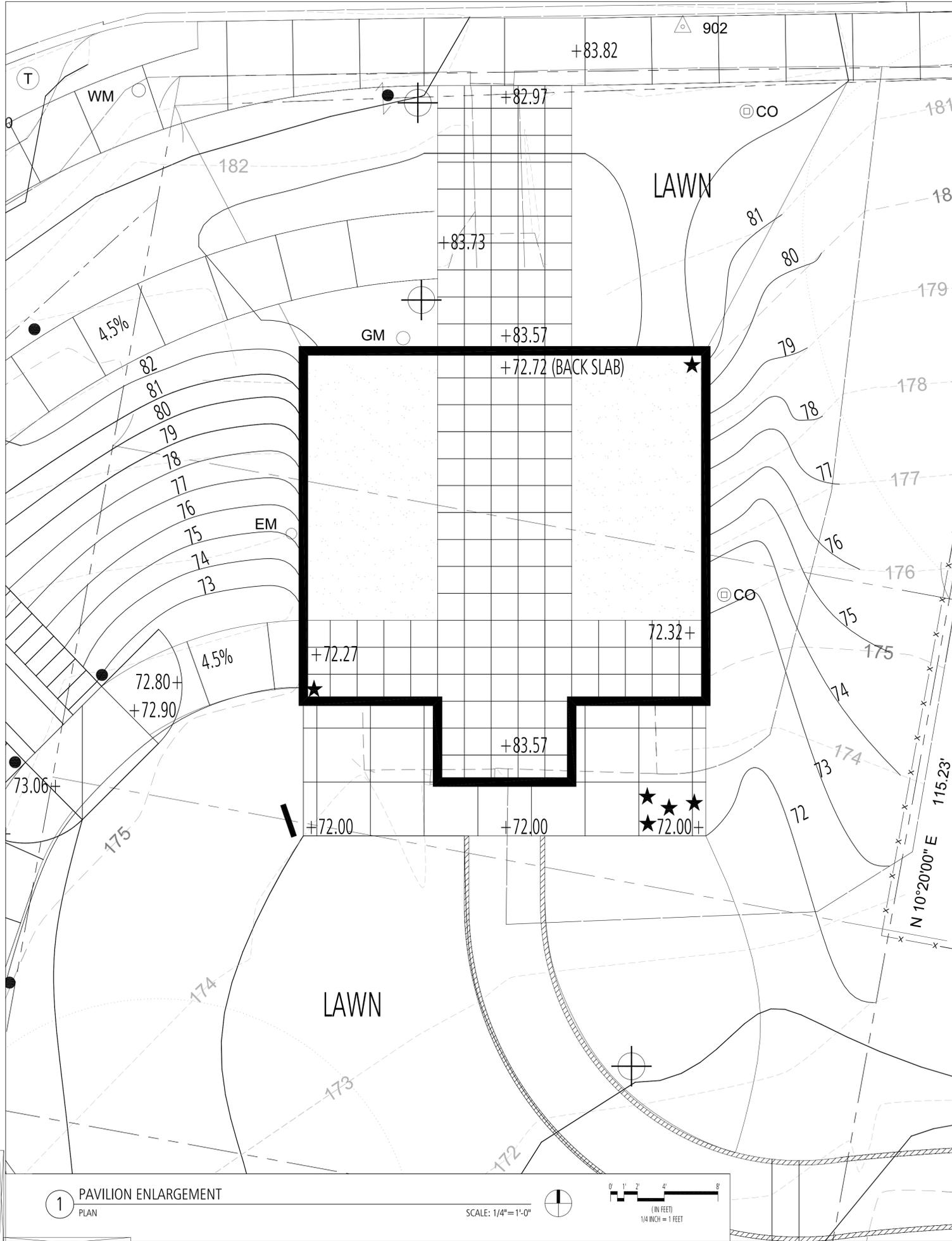
FLOURA TEETER
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-1.00



NO.	DATE	REVISION	BY

FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture

FLOURA TEETER
 800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.8395
 Fax: 410.528.8425

WBCM
 ARCHITECTURE ENGINEERING CONSTRUCTION

PAVILION ENLARGEMENT PLAN + DETAILS
 75% SUBMISSION

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

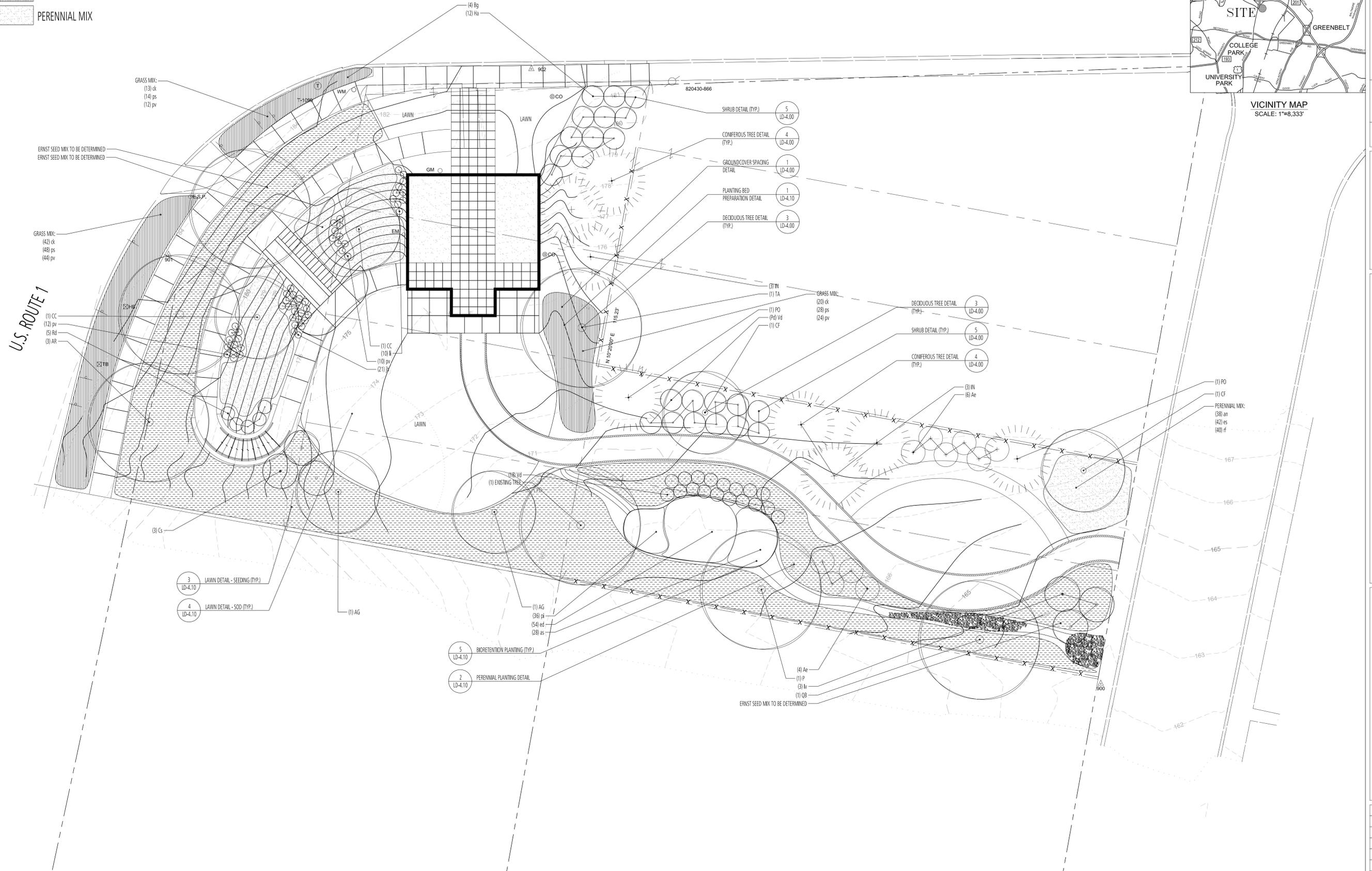
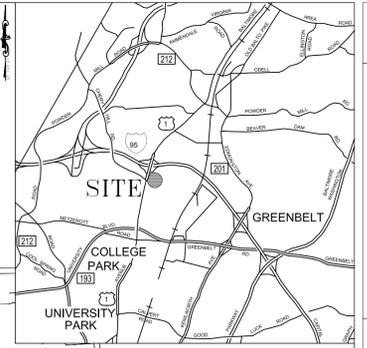
DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-1.10

LEGEND

-  ERNST SEED MIX #1
-  GRASS MIX
-  PERENNIAL MIX

EDGEWOOD ROAD



NO.	DATE	REVISION	BY

WHITNEY BAILEY COX & MAGNANI, LLC
 849 FARMERS LANE
 BALTIMORE, MD 21201
 PHONE: 410.528.8395
 FAX: 410.528.8425

FLOURA TEETER
 FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture



WBCM
 ARCHITECTURE ENGINEERING CONSTRUCTION

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

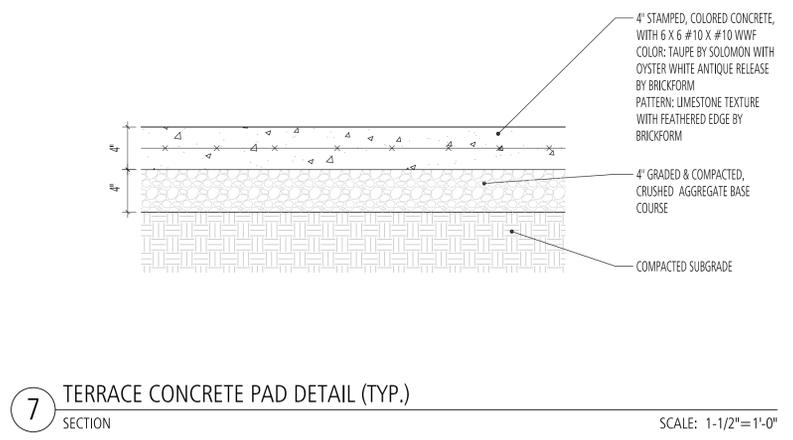
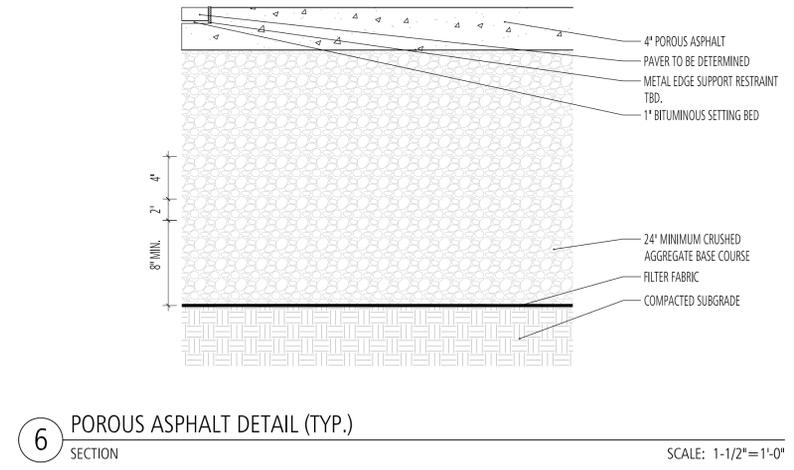
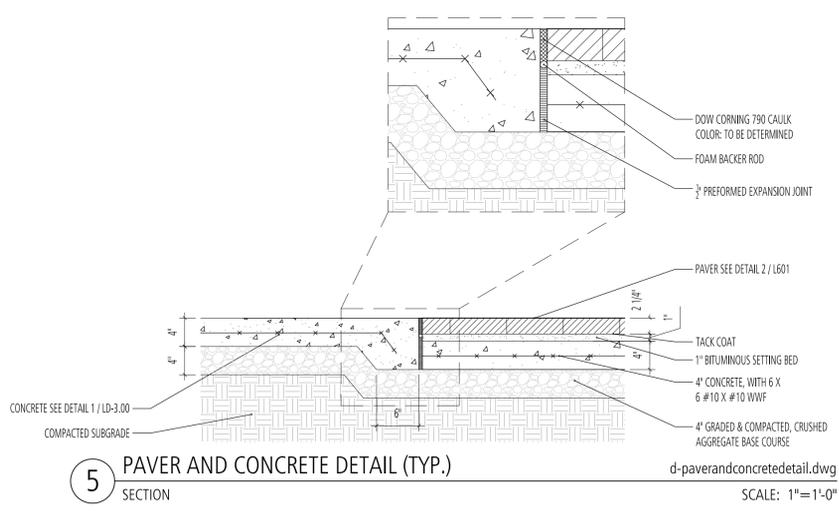
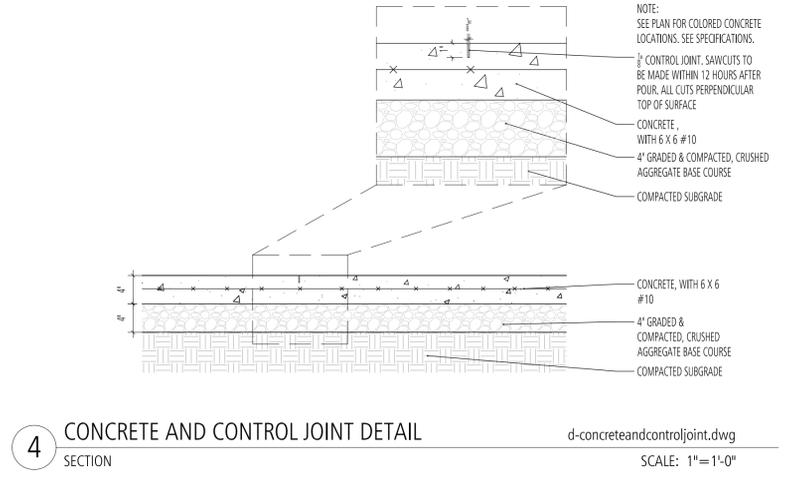
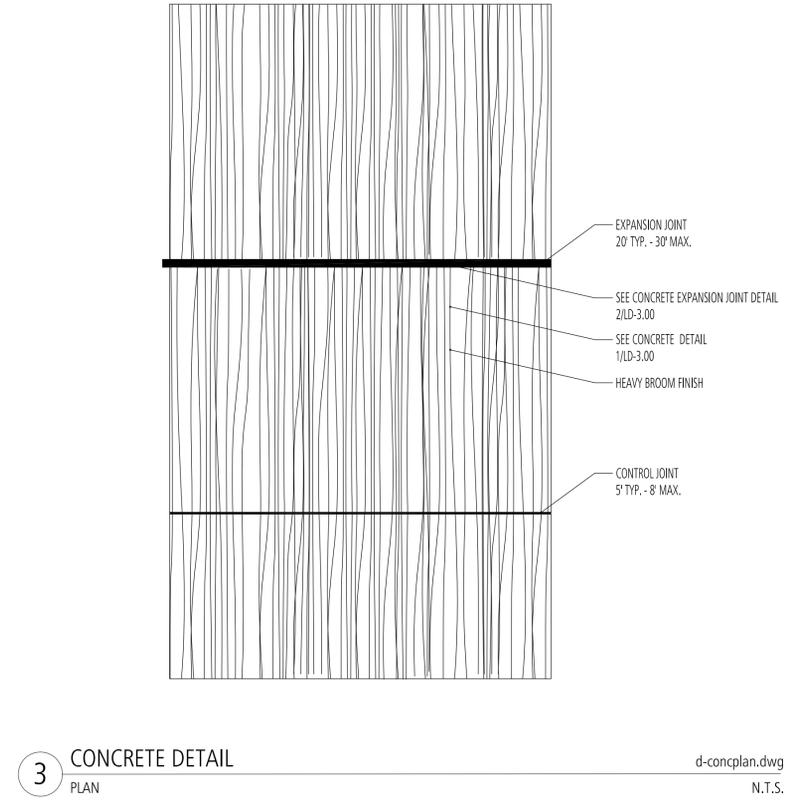
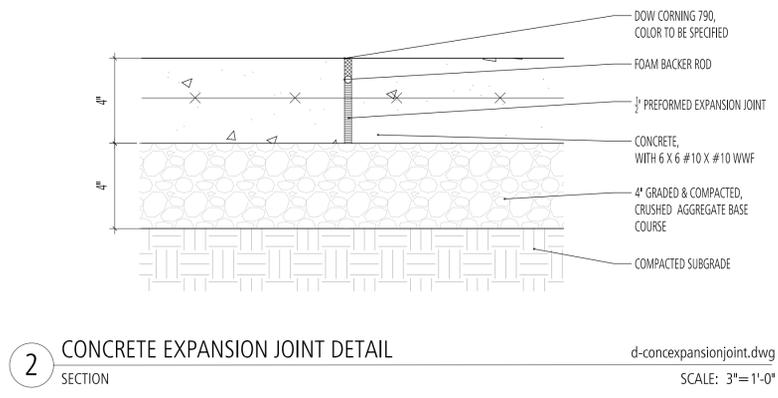
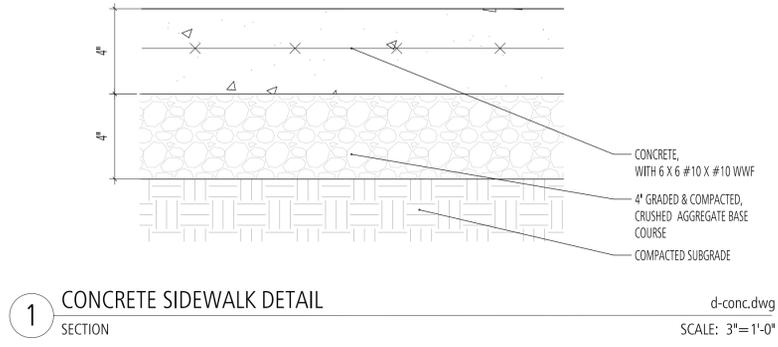
DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-2.00

1 LANDSCAPE PLAN
 PLAN

SCALE: 1"=10'-0"





NO.	DATE	REVISION	BY



FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

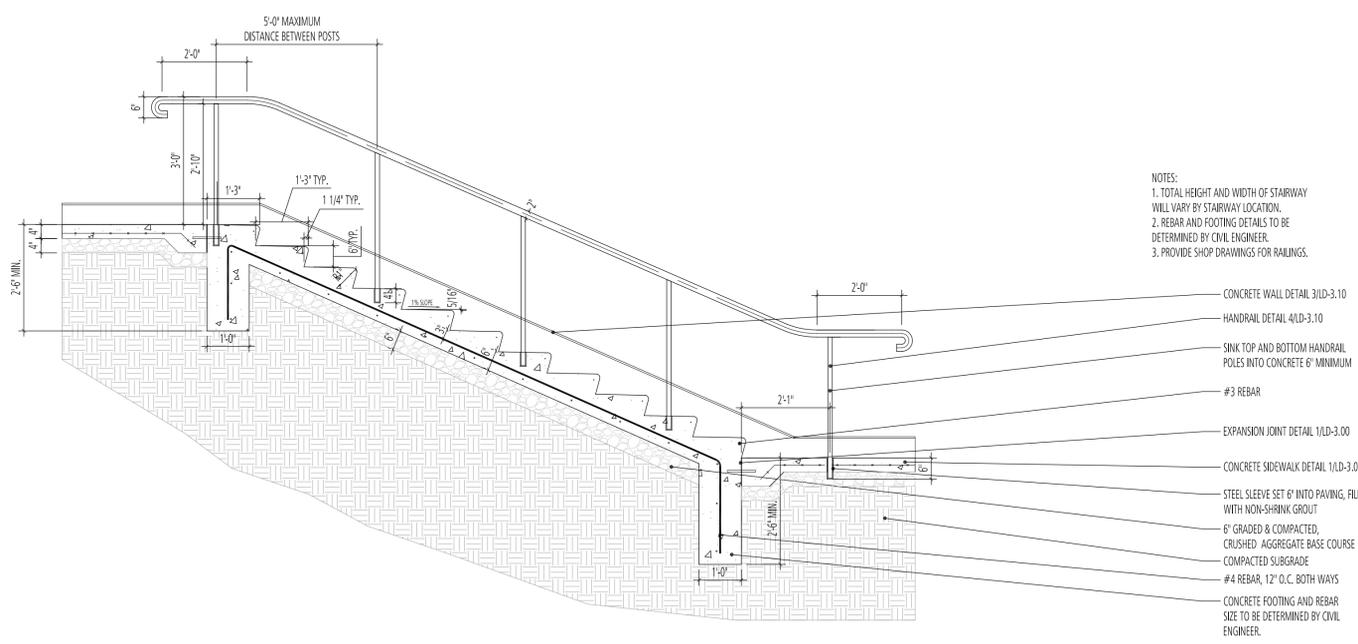
HARDSCAPE DETAILS
75% SUBMISSION

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED: ZR / AS
DRAWN: AS
CHECKED: ZR
SCALE: SEE SHEET
DATE: 09/18/13
PROJECT: 2012.0339.00.0
DRAWING:

LD-3.00

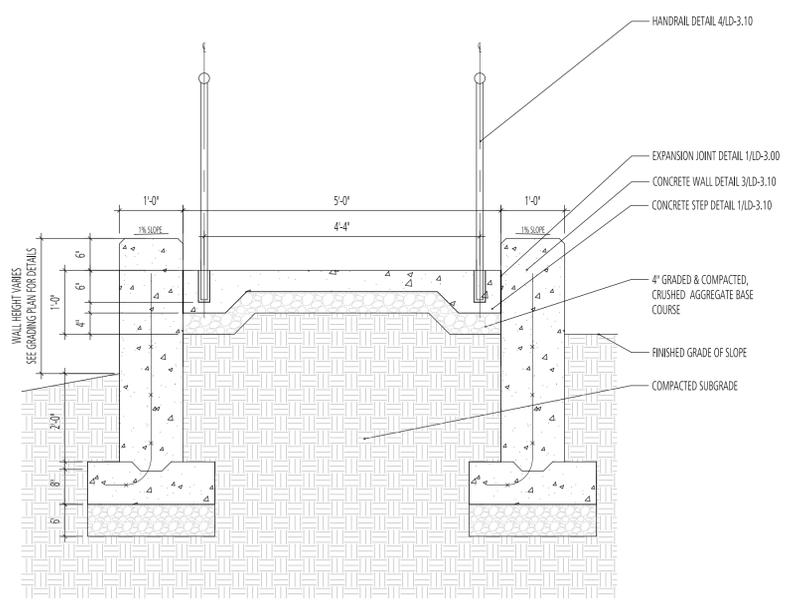
© WBCM 2013



- NOTES:
 1. TOTAL HEIGHT AND WIDTH OF STAIRWAY WILL VARY BY STAIRWAY LOCATION.
 2. REBAR AND FOOTING DETAILS TO BE DETERMINED BY CIVIL ENGINEER.
 3. PROVIDE SHOP DRAWINGS FOR RAILINGS.
- CONCRETE WALL DETAIL 3/LD-3.10
 - HANDRAIL DETAIL 4/LD-3.10
 - SINK TOP AND BOTTOM HANDRAIL POLES INTO CONCRETE 6" MINIMUM
 - #3 REBAR
 - EXPANSION JOINT DETAIL 1/LD-3.00
 - CONCRETE SIDEWALK DETAIL 1/LD-3.00
 - STEEL SLEEVE SET 6" INTO PAVING, FILL WITH NON-SHRINK GROUT
 - 6" GRADED & COMPACTED, CRUSHED AGGREGATE BASE COURSE
 - COMPACTED SUBGRADE
 - #4 REBAR, 12" O.C. BOTH WAYS
 - CONCRETE FOOTING AND REBAR SIZE TO BE DETERMINED BY CIVIL ENGINEER.

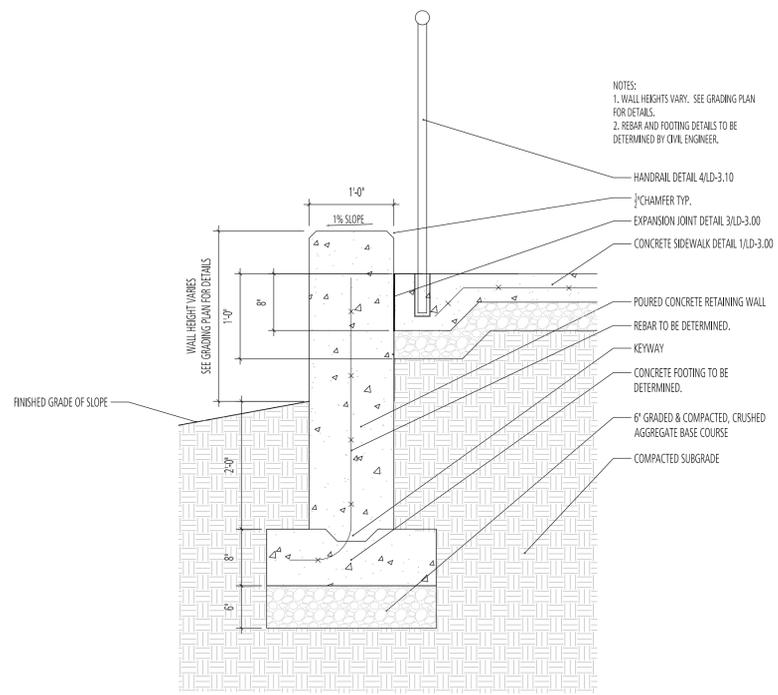
1 CONCRETE STAIR DETAIL SECTION

d-concretestair.dwg
 SCALE: 1/2" = 1'-0"



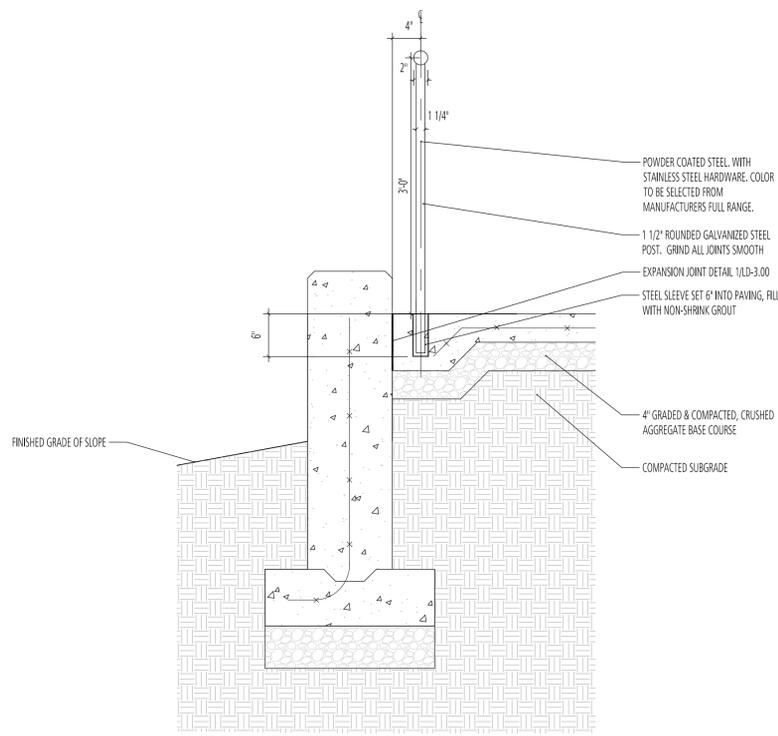
2 HANDRAIL AND CONCRETE WALL DETAIL SECTION

d-handandwall.dwg
 SCALE: 3/4" = 1'-0"



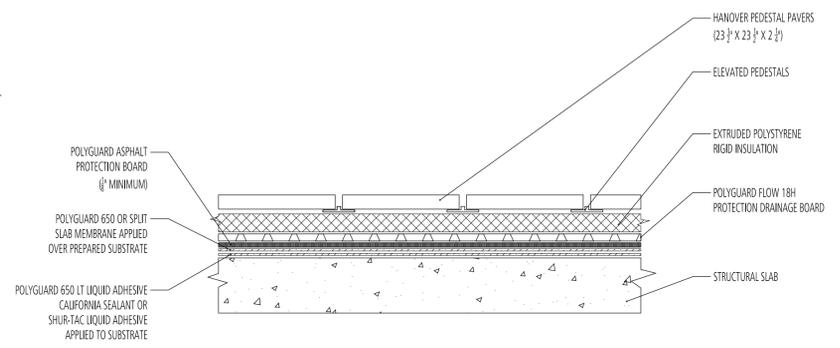
3 CONCRETE CHEEK WALL DETAIL SECTION

d-concretewall.dwg
 SCALE: 1" = 1'-0"



4 HAND RAIL DETAIL (TYP.) SECTION

d-handrail.dwg
 SCALE: 1" = 1'-0"



5 PEDESTAL PAVER DETAIL SECTION

pedestalpaver.dwg
 SCALE: 1" = 1'-0"

NO.	DATE	REVISION	BY



WHITNEY BAILEY COX & MAGNANI, LLC
 849 Bimingham
 PHONE: 410.528.1200 FAX: 410.528.4100
 www.wbcm.com

FLOURA TEETER
 800 North Charles St., Ste. 300
 Baltimore, Maryland 21201
 Phone: 410.528.8395
 Fax: 410.528.8425

HARDSCAPE DETAILS
 75% SUBMISSION

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

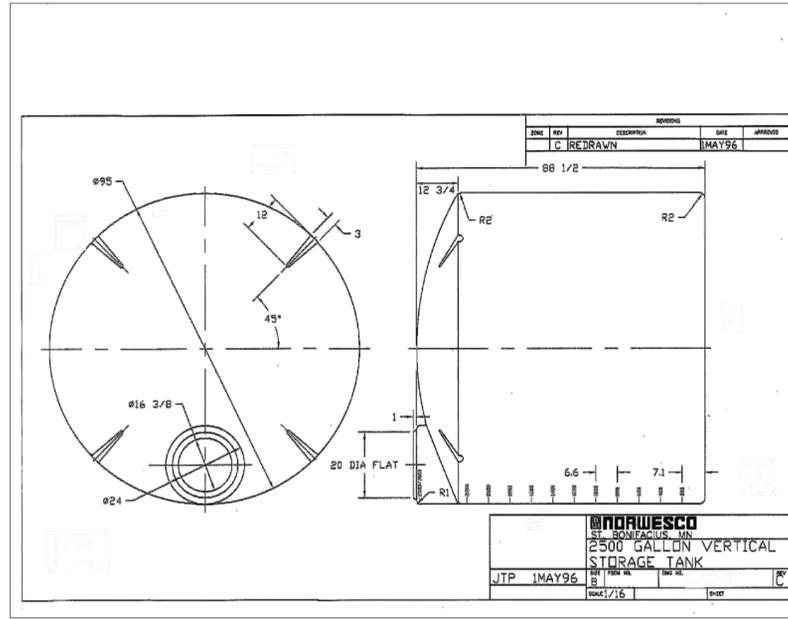
DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-3.10

TBD

1 NATURAL PLAYGROUND - SLIDE
PLAN

slideplan.dwg
SCALE: N.T.S.



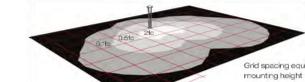
2 RAINWATER CISTERN
SECTION

slidesection.dwg
SCALE: N.T.S.



Hawthorne

Structure: Housing, LED cartridge and cabinet are cast aluminum. Base plate is stainless steel.
Lamps: 8 Cree XRE LED's
Optics: 3 frosted Collimators
Diffuser: 83% transmissive Cyto Acrylics
Power Supply: 110V-277V
LED Driver: MagTech LP1020
BUG Rating: 80/131
IP Rating: 66 for sealed LED cartridge
Weight: 50 lbs
LED Working life: 80,000h



Hawthorne Light Distribution and Spacing
Hawthorne distribution is an IES Type 4 pattern and meets or exceeds IESNA DG-4 for Park walkways, Class I bikeways, Residential sidewalks and intermediate sidewalks at 80' pole spacing, and Commercial sidewalks at 15' pole spacing. Pole lights can also be spaced 18' apart on both sides of a 10' wide Path-to-Walkway Emergency Space. Outside of North America, Hawthorne meets CE-158-3000 standard for Residential Parks at 80' pole spacing.

lighting facts

Light Output (lumens)	291
Watts	8
Lumens per Watt (lm/watt)	32
Color Accuracy (CRI)	80

LM-79 Photometry

landscapeforms
800.821.2648 299.291.5455 fax
431 Lavandale Avenue
Kalamazoo, MI 49004
www.landscapeforms.com
specify@landscapeforms.com

General Description: Pathway light for outdoor walkways. Light is highly designed using state-of-the-art LED lamp technology. Durable cast aluminum LED lamp housing sealed with thermoformed lens works with the integrated pole to provide outstanding maintenance. Sealed housing uses the latest LED technology and improves lamp life by using more LEDs driven with less current. May be removed for servicing. A warm white 3,000K lamp color was chosen for its warm aesthetic and ecological benefits.

Electrical: 110V-277V 50/60 Hz, Class 2 LED driver is standard and mounted within integrated cast aluminum base cabinet. Hawthorne ships pre-wired, fully assembled and ready for installation.

Finish: Pargard PF, offered exclusively by Landscape Forms, is a 15 step program of cleaning, priming, and powder-coating that produces the finest metal finish available for site furniture. In addition, Pargard PF contains no heavy metals and is free of hazardous Air Pollutants.

Warranty: Six years (50,000h) on LED cartridge and three years on finish and manufacturing defects.

To Order: Specify Hawthorne and powdercoat color for finish. Surface mount only.

Other: Pargard PF finish is available in a variety of colors. Patent in US Pat. D552,073 © 2011 Landscape Forms, Inc.

3 BOLLARD/LIGHT
SECTION

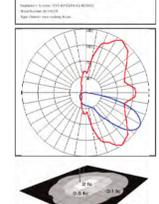
rainwatercistern.dwg
SCALE: N.T.S.

Alcott



Type 3

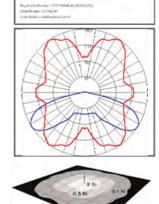
Structure: Housing and cabinet are cast aluminum, pole is aluminum extrusion.
Lamp: 48 Cree XP-H
Timer: L79 timer 80,000 h
Drive Current: 350mA
Optics: Proprietary Avenir™ Opto
Diffuser: Impact Modified Acrylic®
Power Supply: 110V-277V
LED Driver: 1 Dimmable TPO-078821007
BUG Rating: 80/131
IP Rating: 66
Weight: 170 lbs (complete assembly)



Alcott Light Distribution and Spacing
Alcott meets or exceeds the IESNA DG-4 standard for Park walkways, Class I bikeways, and Residential sidewalks at 80' pole spacing, intermediate sidewalks at 80' pole spacing, and Commercial sidewalks at 15' pole spacing. Alcott, at 80' pole spacing, also meets the "Special Conditions" criteria where increased vertical luminance levels are needed for safety by improving facial recognition. Outside of North America, Alcott meets CE-158-3000 standard for Residential Parks at 80' pole spacing, and City Center/ArCADES at 80'.

Type 5

Structure: Housing and cabinet are cast aluminum, pole is aluminum extrusion.
Lamp: 96 Cree XP-H
Timer: L79 timer 80,000 h
Drive Current: 350mA
Optics: Proprietary Avenir™ Opto
Diffuser: Impact Modified Acrylic®
Power Supply: 110V-277V
LED Driver: 2 Dimmable TPO-078821007
BUG Rating: 80/131
IP Rating: 66
Weight: 170 lbs (complete assembly)



Alcott Light Distribution and Spacing
Alcott meets or exceeds the IESNA DG-4 standard for Park walkways, Class I bikeways, and Residential sidewalks at 80' pole spacing, intermediate sidewalks at 80' pole spacing, and Commercial sidewalks at 15' pole spacing. Alcott, at 80' pole spacing, also meets the "Special Conditions" criteria where increased vertical luminance levels are needed for safety by improving facial recognition. Outside of North America, Alcott meets CE-158-3000 standard for Residential Parks at 80' pole spacing, and City Center/ArCADES at 80'.

4 PEDESTRIAN LIGHT DETAIL (TYP.)
SECTION

pedlight.dwg
SCALE: N.T.S.

Concord Data Sheet

Melville Bench
Structural backrest engineered for comfort. Bench is 72" in length. Backrest or backless. Frame and supports are cast aluminum. Seat is wood or aluminum extrusion. LP Woods offering: maple, red oak, maple or birch with LP-80. Exterior - redwood, jirah, or ipa. Center or intermediate seat dividers may be specified. Powdercoat finish. Free-standing, surface mount or embedded. Surface mount and embedded option features hidden anchor system. Emerson ships fully assembled. Meets ANSI/BIFMA performance standards.

Pole Litter Receptacle
Heavy duty construction (cast and extruded aluminum). Litter base is cast iron for stability. All units are 54 gallon capacity. Side coating style may be specified with signage to designate collection of recyclables or waste. One size, 18" diameter or standard opening. Black polyethylene liner strips with each unit. Units feature hinged side door for easy emptying. With or without lock. Shipped with freestanding glides. Surface mount holes provided in base. Powdercoat finish. Recycling litter signage is available with standard wording options. Custom wording available for an upcharge. Pole ships fully assembled.

Emerson Bike Rack
Cast aluminum frame. Cast aluminum cover plate. Powdercoat finish. Cover plate conceals anchoring hardware and leveling glide adjustment screws. Surface mount or embedded. Attachment method guards against theft. 4 stainless steel leveling glides are pre-installed for easy field adjustment. Emerson ships fully assembled. Bike racks must be placed 30" apart, and 24" from wall. Meets ANSI guidelines.

At landscapeforms.com for the Hawthorne and Alcott lights available on separate listing and shavers. Visit landscapeforms.com.

To Specify: Visit landscapeforms.com

Metal Finishes
All metal parts are finished with Landscape Forms exclusive Pargard PF polyester powdercoat - a 15 step, wet finish, finishing process that resists rusting, oxidizing, peeling and fading. A wide range of standard, optional and custom colors are available.

Join the conversation on our blogs:
insite.landscapeforms.com

landscapeforms
800.821.2648 299.291.5455 fax
431 Lavandale Avenue, Kalamazoo, MI 49004
www.landscapeforms.com

5 BENCH DETAIL (TYP.)
SECTION

benchdetail.dwg
SCALE: 1"=1'-0"

8 IDENTIFICATION SIGNAGE DETAIL (TYP.)
SECTION

signage.dwg
SCALE: N.T.S.

TBD

TBD

7 INTERPRETIVE SIGNAGE DETAIL (TYP.)
SECTION

signage.dwg
SCALE: N.T.S.

NO.	DATE	REVISION	BY



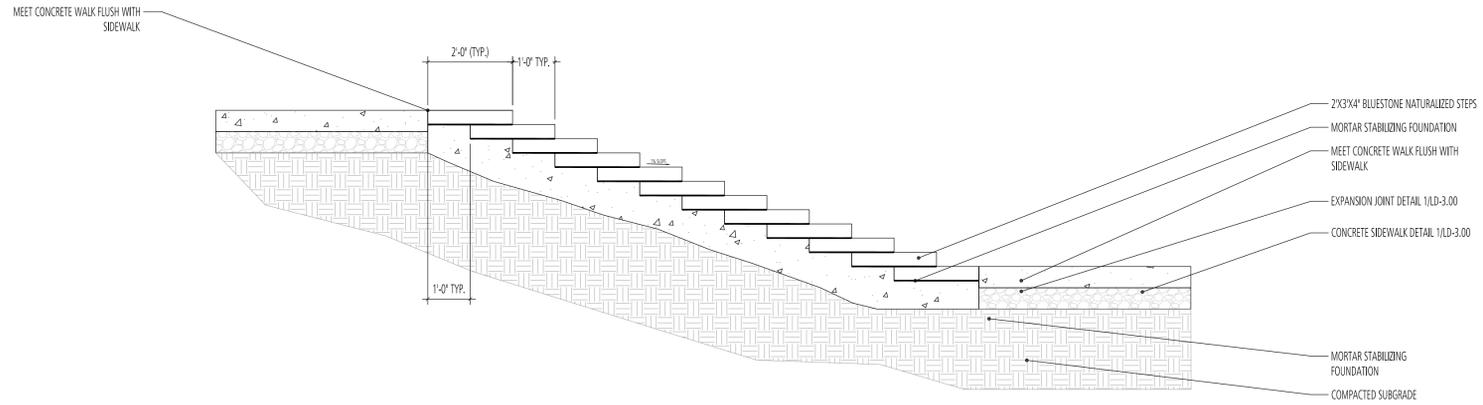
WHITNEY BAILEY COX & MAGNANI, LLC
849 Baltimore Avenue
PHONE: 410.528.8395 FAX: 410.528.8425
www.wbc.com

FLOURA TEETER
A Joint Venture
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

HARDSCAPE DETAILS
75% SUBMISSION
Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

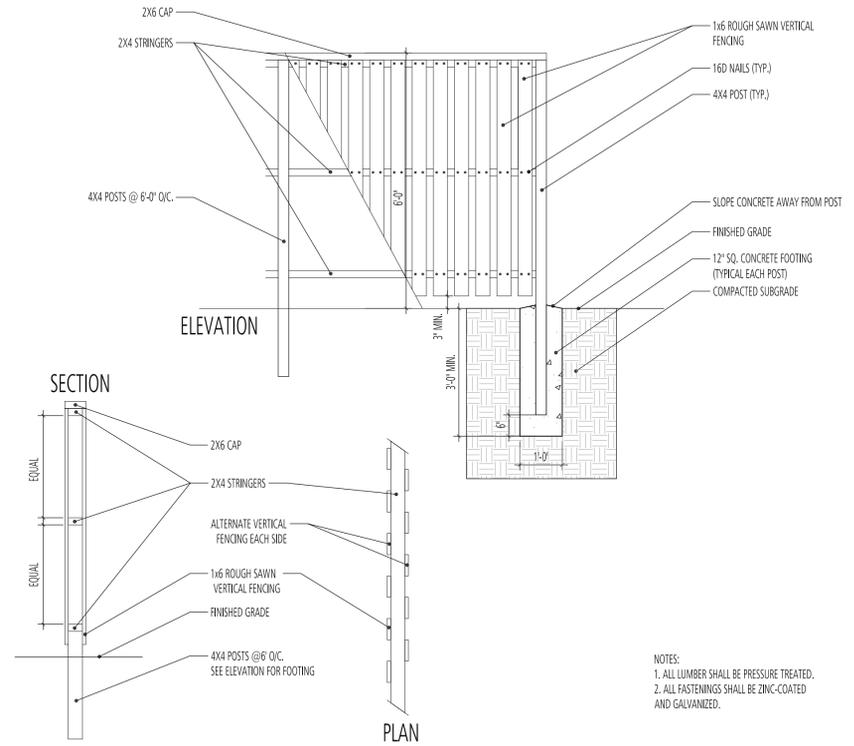
LD-3.20



NOTES:
1. TOTAL HEIGHT AND WIDTH OF STAIRWAY WILL VARY BY STAIRWAY LOCATION.

1 BLUESTONE STAIR DETAIL
SECTION

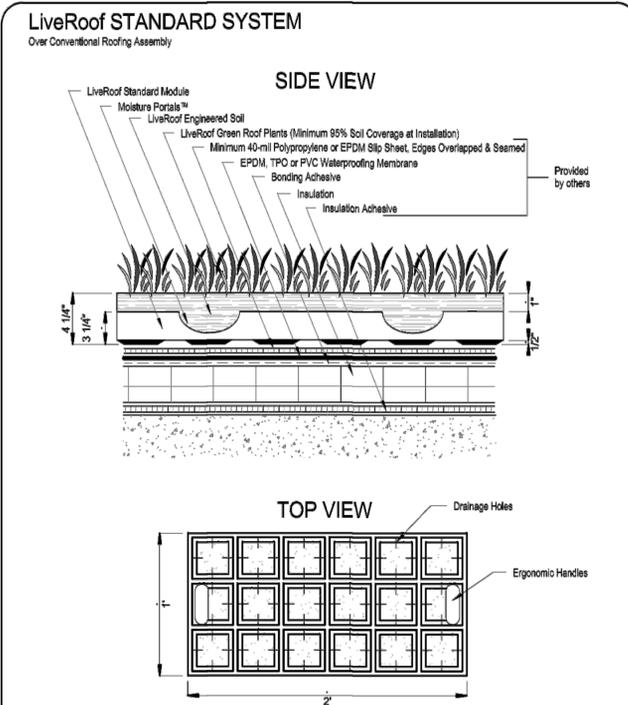
d-bluestonestair.dwg
SCALE: 1/2" = 1'-0"



NOTES:
1. ALL LUMBER SHALL BE PRESSURE TREATED.
2. ALL FASTENINGS SHALL BE ZINC-COATED AND GALVANIZED.

2 BOARD ON BOARD FENCE DETAIL
SECTION

d-fence.dwg
SCALE: 1/2" = 1'-0"



LiveRoof System Saturated Weight: 27-29 lbs / sf
NOT TO SCALE



LiveRoof, LLC
P.O. Box 533
Spring Lake, MI 49466
(800) 876-1392
www.liveroof.com

3 GREEN ROOF DETAIL
SECTION + PLAN

greenroofplan.dwg
SCALE: 1/2" = 1'-0"

NO.	DATE	REVISION	BY

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

HARDSCAPE DETAILS
75% SUBMISSION

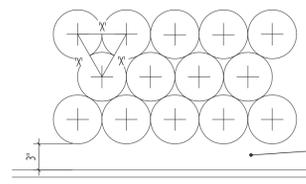
Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-3.30

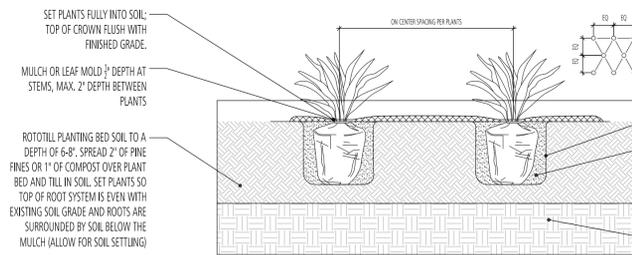
1 GROUNDCOVER SPACING DETAIL
PLAN

d-gmcover_planting.dwg
SCALE: 1/2" = 1'-0"



NOTE:
ALL SHRUBS AND GROUNDCOVER
MASSSES TO USE TRIANGULAR SPACING
EXCEPT WHERE NOTED. REFER TO
PLANT LIST FOR INDIVIDUAL PLANT
SPACING 'X'.

INSTALL PLANT MATERIAL WITH
FOLIAGE WITHIN 3" OF ADJACENT
WALKWAYS OR PLANTER EDGE.



PERENNIAL AND ANNUAL
AS SPECIFIED REFER TO PLANT LIST FOR
SPACING
DEPTH VARIES ACCORDING TO
CONTAINER SIZE
BACKFILL WITH EXCAVATED MATERIAL
OR PLANT MIX AS SPECIFIED. BEFORE
PLANTING, BIODEGRADABLE POTS
SHALL BE SLIT IN THREE PLACES AND
NON-BIODEGRADABLE POTS SHALL BE
REMOVED. (SCARIFY THE BOTTOM OF
THE ROOTBALL).

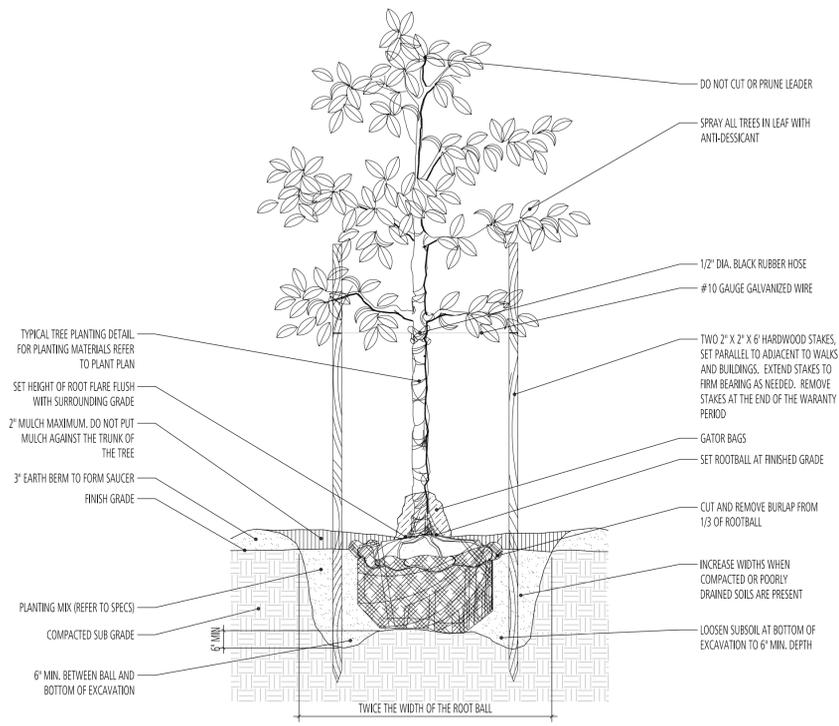
SET PLANTS FULLY INTO SOIL:
TOP OF CROWN FLUSH WITH
FINISHED GRADE.
MULCH OR LEAF MOLD 3" DEPTH AT
STEMS, MAX. 2" DEPTH BETWEEN
PLANTS
ROTTITILL PLANTING BED SOIL TO A
DEPTH OF 6-8". SPREAD 2" OF PINE
FINES OR 1" OF COMPOST OVER PLANT
BED AND TILL IN SOIL. SET PLANTS SO
TOP OF ROOT SYSTEM IS EVEN WITH
EXISTING SOIL GRADE AND ROOTS ARE
SURROUNDED BY SOIL BELOW THE
MULCH (ALLOW FOR SOIL SETTLING)

2 PERENNIAL PLANTING DETAIL
SECTION

d-gmcover_planting.dwg
SCALE: 1/2" = 1'-0"

3 TREE PLANTING DETAIL
SECTION

d-tree_planting.dwg
SCALE: 1/2" = 1'-0"



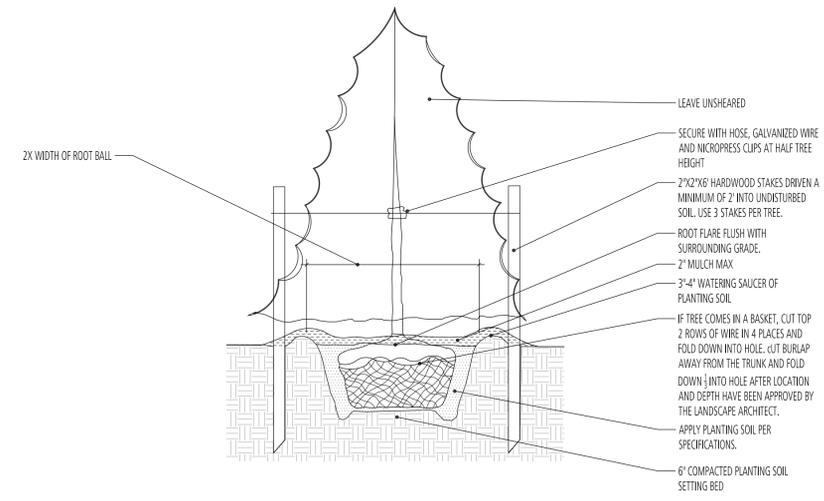
TYPICAL TREE PLANTING DETAIL
FOR PLANTING MATERIALS REFER
TO PLANT PLAN
SET HEIGHT OF ROOT FLARE FLUSH
WITH SURROUNDING GRADE
2" MULCH MAXIMUM. DO NOT PUT
MULCH AGAINST THE TRUNK OF
THE TREE
3" EARTH BERM TO FORM SAUCER
FINISH GRADE
PLANTING MIX (REFER TO SPECS)
COMPACTED SUB GRADE
6" MIN. BETWEEN BALL AND
BOTTOM OF EXCAVATION

DO NOT CUT OR PRUNE LEADER
SPRAY ALL TREES IN LEAF WITH
ANTI-DESICCANT
1/2" DIA. BLACK RUBBER HOSE
#10 GAUGE GALVANIZED WIRE
TWO 2" X 2" X 6' HARDWOOD STAKES,
SET PARALLEL TO ADJACENT TO WALKS
AND BUILDINGS. EXTEND STAKES TO
FIRM BEARING AS NEEDED. REMOVE
STAKES AT THE END OF THE WARRANTY
PERIOD
GATOR BAGS
SET ROOTBALL AT FINISHED GRADE
CUT AND REMOVE BURLAP FROM
1/3 OF ROOTBALL
INCREASE WIDTHS WHEN
COMPACTED OR POORLY
DRAINED SOILS ARE PRESENT
LOOSEN SUBSOIL AT BOTTOM OF
EXCAVATION TO 6" MIN. DEPTH

NOTE:
1. REMOVE ANY BROKEN OR DAMAGED BRANCHES WITH CLEAN CUTS.
2. ALL TREES GREATER THAN 3" CALIPER SHOULD BE GUYED, RATHER THAN STAKED.
3. IF TREE ONES IN A BASKET, CUT TOP TWO ROWS OF WIRE IN FOUR PLACES AND FOLD DOWN INTO HOLE. CUT BURLAP AWAY FROM THE TRUNK AND FOLD
DOWN INTO HOLE AFTER LOCATION AND DEPTH HAVE BEEN APPROVED BY THE LANDSCAPE ARCHITECT.

4 EVERGREEN TREE PLANTING DETAIL
SECTION

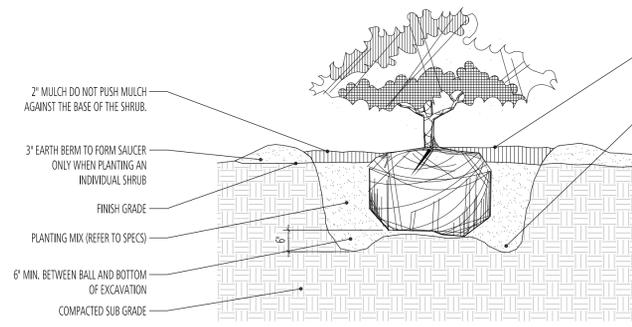
d-evergreenplanting.dwg
SCALE: 1/2" = 1'-0"



2X WIDTH OF ROOT BALL
LEAVE UNSHEARED
SECURE WITH HOSE, GALVANIZED WIRE
AND INCOMPRESS CLIPS AT HALF TREE
HEIGHT
2"X2"X6' HARDWOOD STAKES DRIVEN A
MINIMUM OF 2 INTO UNDISTURBED
SOIL. USE 3 STAKES PER TREE.
ROOT FLARE FLUSH WITH
SURROUNDING GRADE.
2" MULCH MAX
3'-4" WATERING SAUCER OF
PLANTING SOIL
IF TREE COMES IN A BASKET, CUT TOP
2 ROWS OF WIRE IN 4 PLACES AND
FOLD DOWN INTO HOLE. CUT BURLAP
AWAY FROM THE TRUNK AND FOLD
DOWN INTO HOLE AFTER LOCATION
AND DEPTH HAVE BEEN APPROVED BY
THE LANDSCAPE ARCHITECT.
APPLY PLANTING SOIL PER
SPECIFICATIONS.
6" COMPACTED PLANTING SOIL
SETTING BED

5 SHRUB PLANTING DETAIL
SECTION

d-shrub_planting.dwg
SCALE: 1/2" = 1'-0"



SET TOP OF ROOT BALL FLUSH WITH
THE FINISHED GRADE.
LOOSEN SUBSOIL AT BOTTOM OF
EXCAVATION TO 6" MIN. DEPTH, TAMP

NOTE:
1. FOR CONTAINER SHRUBS,
COMPLETELY REMOVE ALL OF
NON-BIODEGRADABLE CONTAINER
AND SCARIFY ROOTBALL.
2. FOR BBR, CUT AND REMOVE
BURLAP FROM TOP 1/3 OF ROOTBALL.
3. 12" MIN. DEPTH OF PLANTING SOIL
FOR GROUNDCOVER BEDS.
4. SHRUBS IN PLANTING BEDS
SHOULD BE CONTINUALLY MULCHED
WITHIN A BED WITH CLEAN SPADED
EDGE.
5. IN SHRUB BEDS, PLANTING SOIL
SHALL BE CONTINUOUS.

2" MULCH DO NOT PUSH MULCH
AGAINST THE BASE OF THE SHRUB.
3" EARTH BERM TO FORM SAUCER
ONLY WHEN PLANTING AN
INDIVIDUAL SHRUB
FINISH GRADE
PLANTING MIX (REFER TO SPECS)
6" MIN. BETWEEN BALL AND BOTTOM
OF EXCAVATION
COMPACTED SUB GRADE

NO.	DATE	REVISION	BY

FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

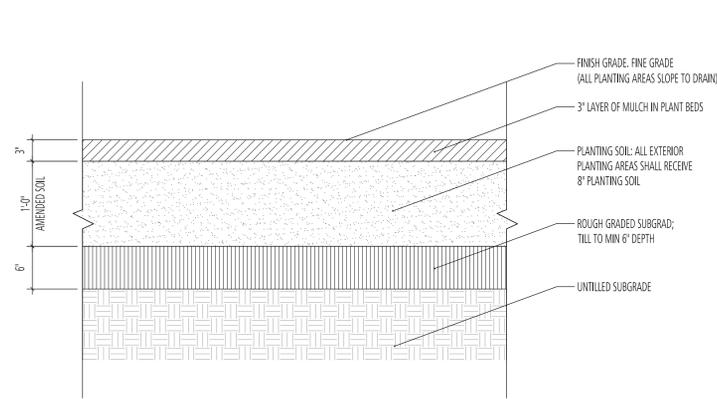
WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

LANDSCAPE DETAILS
75% SUBMISSION

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

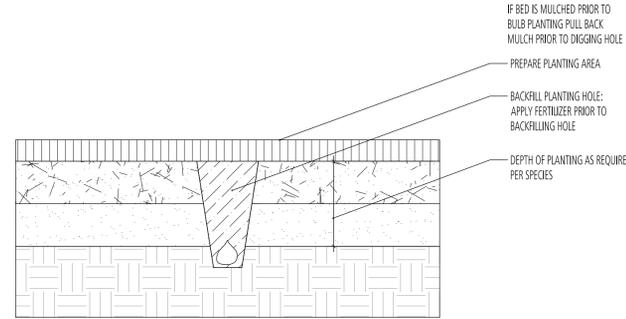
DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-4.00

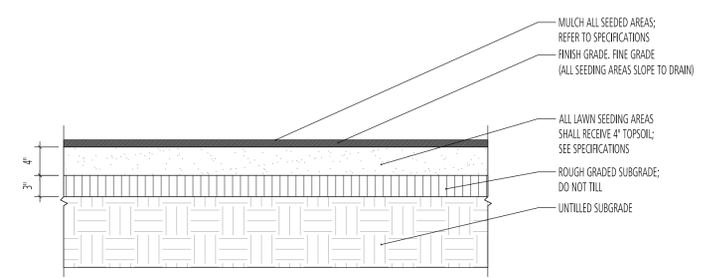


- PLANTING BED AND SOD AREA PREPARATION NOTES:
1. ROTOTILL SUBGRADE TO A DEPTH OF 6 INCHES PRIOR TO PLACEMENT OF TOPSOIL AND ORGANIC MATERIALS.
 2. PLACE PLANTING SOIL ON TOP OF TILLED SUBGRADE IN 7'-8' LIFTS TO DEPTH REQUIRED.
 3. COMPACT EACH LIFT PER SPECIFICATIONS.
 4. FINE GRADE FINISHED PLANTING BED AREA PRIOR TO MULCHING.
 5. PLANT AS PER DETAILS AND SPECIFICATIONS.
 6. FERTILIZE AS REQUIRED. SEE SPECIFICATIONS.
 7. PROTECT PREPARED PLANTING BEDS AND SODDED AREAS FROM SUBSEQUENT CONSTRUCTION ACTIVITY.
 8. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

1 PLANTING BED PREPARATION DETAIL SECTION d-planting bed prep.dwg
SCALE: 1"=1'-0"

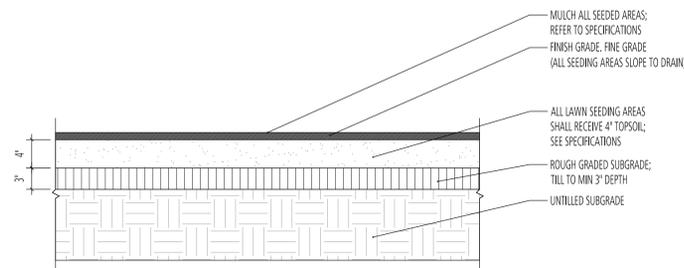


2 BULB PLANTING DETAIL (TYP.) SECTION d-bulb planting detail.dwg
SCALE: 1"=1'-0"



- LAWN SEEDING PREPARATION NOTES:
1. PLACE PLANTING SOIL ON TOP OF TILLED SUBGRADE IN 6 INCH LIFTS TO DEPTH REQUIRED.
 2. COMPACT EACH LIFT PER SPECIFICATIONS.
 3. FINE GRADE SEEDING AREA PRIOR TO SEEDING.
 4. SEED AS PER DETAIL AND SPECIFICATIONS.
 5. MULCH AS PER SPECIFICATIONS.
 6. FERTILIZE AS REQUIRED. SEE SPECIFICATIONS.
 7. PROTECT SEEDED AREAS FROM SUBSEQUENT CONSTRUCTION ACTIVITY.
 8. ALL DISTURBED AREAS THAT ARE NOT PLANT BEDS OR SODDED SHALL BE SEEDDED.
 9. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

3 LAWN DETAIL - SEEDING (TYP.) SECTION d-lawn detail seed.dwg
SCALE: 1"=1'-0"



- LAWN SEEDING PREPARATION NOTES:
1. ROTOTILL SUBGRADE TO A DEPTH OF 3 INCHES PRIOR TO PLACEMENT OF TOPSOIL.
 2. PLACE PLANTING SOIL ON TOP OF TILLED SUBGRADE IN 6' LIFTS TO DEPTH REQUIRED.
 3. COMPACT EACH LIFT PER SPECIFICATIONS.
 4. FINE GRADE SEEDING AREA PRIOR TO SEEDING.
 5. SEED AS PER DETAIL AND SPECIFICATIONS.
 6. MULCH AS PER SPECIFICATIONS.
 7. FERTILIZE AS REQUIRED. SEE SPECIFICATIONS.
 8. PROTECT SEEDED AREAS FROM SUBSEQUENT CONSTRUCTION ACTIVITY.
 9. ALL DISTURBED AREAS THAT ARE NOT PLANT BEDS OR SODDED SHALL BE SEEDDED.
 10. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

4 LAWN DETAIL - SOD (TYP.) SECTION d-lawn detail sod.dwg
SCALE: 1"=1'-0"

TBD

5 BIORETENTION PLANTING (TYP.) SECTION bioretentionplanting.dwg
SCALE: 1/2"=1'-0"

NO.	DATE	REVISION	BY



FLOURA TEETER LANDSCAPE ARCHITECTS
 WHITNEY BAILEY COX & MAGNANI, LLC
 A Joint Venture

WHITNEY BAILEY COX & MAGNANI, LLC
 849 Brimley Road
 Phone: 410.528.8395
 Fax: 410.528.8425

WBCM

ARCHITECTURE ENGINEERING CONSTRUCTION

LANDSCAPE DETAILS
75% SUBMISSION

Hollywood Gateway Eco-Park
 CITY OF COLLEGE PARK, MARYLAND
 4703 EDGEWOOD ROAD
 COLLEGE PARK, MARYLAND

DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-4.10

MASTER PLANT SCHEDULE					
Deciduous Trees					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
AR	3	Acer rubrum 'Red Sunset'	Red Sunset Maple	2.5' Cal.	B&B
P	1	Platanus occidentalis	American Sycamore	2.5' Cal.	B&B
QB	1	Quercus bicolor	Swamp White Oak	2.5' Cal.	B&B
TA	1	Tilia americana 'Redmond'	American Linden	2.5' Cal.	B&B
Ornamental Tree					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
AG	2	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	6' Ht.	B&B
CC	2	Cercis canadensis	Eastern Redbud	2' Cal.	B&B/ #15 CG
CF	2	Cornus florida	Flowering Dogwood	2' Cal.	B&B/ #15 CG
Coniferous Tree					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
IN	6	Ilex x 'Nellie R. Stevens'	Nellie Stevens Holly	6' Ht.	B&B
PO	2	Picea omorika	Serbian Spruce	6' Ht.	B&B
Shrubs					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
Ae	10	Abelia x. 'Edward Goucher'	Abelia	#3 CG	
Cs	3	Cornus sericea 'Kelsey'	Kelsey Red-Osier Dogwood	#3 CG	
Ha	12	Hydrangea arborescens 'Annabelle'	Hydrangea	#3 CG	
Iv	3	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	#3 CG	
Pd	11	Physocarpus opulifolius 'Diablo'	Ninebark	#3 CG	
Rd	5	Rhododendron 'Delaware Valley White'	Delaware Valley White Azalea	#3 CG	
Vd	18	Viburnum dentatum	Arrowwood Viburnum	#3 CG	
Vines, Groundcovers, and Perennials					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
an	38	Aster novae angliae	New England Aster	#1 CG	24" O.C.
as	28	Asclepias syriaca	Common Milkweed	1 Qt.	24" O.C.
ck	75	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1 CG	24" O.C.
es	42	Echinacea 'Prairie Splendor'	Coneflower	#1 CG	24" O.C.
ed	54	Eupatorium dubium 'Baby Joe'	Joe-Pye Weed	1 Qt.	24" O.C.
jh	21	Juniperus horizontalis 'Prince of Wales'	Creeping Juniper	#1 CG	36" OC
li	10	Lavandula intermedia 'Provence'	Lavender	#1 CG	24" O.C.
pi	36	Pycnanthemum incanum	Mountain Mint	1 Qt.	18" O.C.
ps	90	Panicum virgatum 'Shenandoah'	Shenandoah switchgrass	#1 CG	24" O.C.
pv	102	Panicum virgatum	Switchgrass	#1 CG	24" O.C.
rf	40	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	#1 CG	24" O.C.

1 MASTER PLANTING SCHEDULE

MARYLAND UPLAND MIX (ERNMX-172)		
Quantity (%)	Botanical Name	Common Name
23%	Sorghastrum nutans, PA Ecotype	Indiangrass, PA Ecotype
19%	Tridens flavus	Purpletop
15%	Andropogon gerardii, 'Niagara'	Big Bluestem, 'Niagara'
15%	Elymus virginicus, PA Ecotype	Virginia Wildrye, PA Ecotype
10%	Bouteloua curtipendula, 'Butte'	Sideoats Grama, 'Butte'
4%	Chamaecrista fasciculata (Cassia f.), PA Ecotype	Partridge Pea, PA Ecotype
3%	Aster novae-angliae (Symphyotrichum n.), PA Ecotype	New England Aster, PA Ecotype
2%	Agrostis perennans, PA Ecotype	Autumn Bentgrass, PA Ecotype
2%	Rudbeckia hirta	Blackeyed Susan
1%	Asclepias syriaca, PA Ecotype	Common Milkweed, PA Ecotype
1%	Monarda fistulosa	Wild Bergamot
1%	Senna marilandica (Cassia m.)	Maryland Senna
1%	Lespedeza virginica, VA Ecotype	Slender Lespedeza, VA Ecotype
1%	Vernonia noveboracensis, PA Ecotype	New York Ironweed, PA Ecotype
1%	Solidago juncea, PA Ecotype	Early Goldenrod, PA Ecotype
1%	Senna hebecarpa (Cassia h.), VA & WV Ecotype	Wild Senna, VA & WV Ecotype
Total: 100% (Seeding Rate: 20 lbs/acre with a cover crop (30 lbs/acre grain oats, Jan 1 - May 1; 10 lbs/acre brown top millet)		
Upland & Meadow Sites by Ernst Conservation Seed		
Address: 9006 Mercer Pike Meadville, PA 16335 Phone: 800-873-3321 www.ernstseed.com		

2 ERNST SEED MIX - MARYLAND UPLAND MEADOW

TBD

3 GREEN ROOF PLANTING SCHEDULE

NO.	DATE	REVISION	BY



FLOURA TEETER LANDSCAPE ARCHITECTS
WHITNEY BAILEY COX & MAGNANI, LLC
A Joint Venture

FLOURA TEETER
800 North Charles St., Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

WBCM
ARCHITECTURE ENGINEERING CONSTRUCTION

LANDSCAPE DETAILS + PLANT LISTS
75% SUBMISSION

Hollywood Gateway Eco-Park
CITY OF COLLEGE PARK, MARYLAND
4703 EDGEWOOD ROAD
COLLEGE PARK, MARYLAND

DESIGNED:	ZR / AS
DRAWN:	AS
CHECKED:	ZR
SCALE:	SEE SHEET
DATE:	09/18/13
PROJECT:	2012.0339.00.0
DRAWING:	

LD-4.10