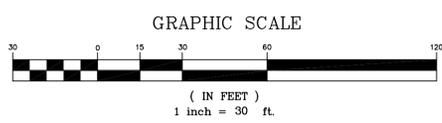


C1.1

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.  
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NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

EXISTING CONDITIONS PLAN  
 LOT 818, SQUARE 2550  
**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

**Macris, Hendricks & Glascock, P.A.**  
 Engineers • Planners  
 Landscape Architects • Surveyors

Proj. Mgr. PGL	Designer KDJ
Date 10/17/14	Scale 1"=30'
Project No. 14.144.11	Sheet 1 of 1

9220 Wightman Road, Suite 120  
 Montgomery Village, Maryland  
 20886-1279

Phone 301.670.0840  
 Fax 301.948.0693  
 www.mhgpa.com

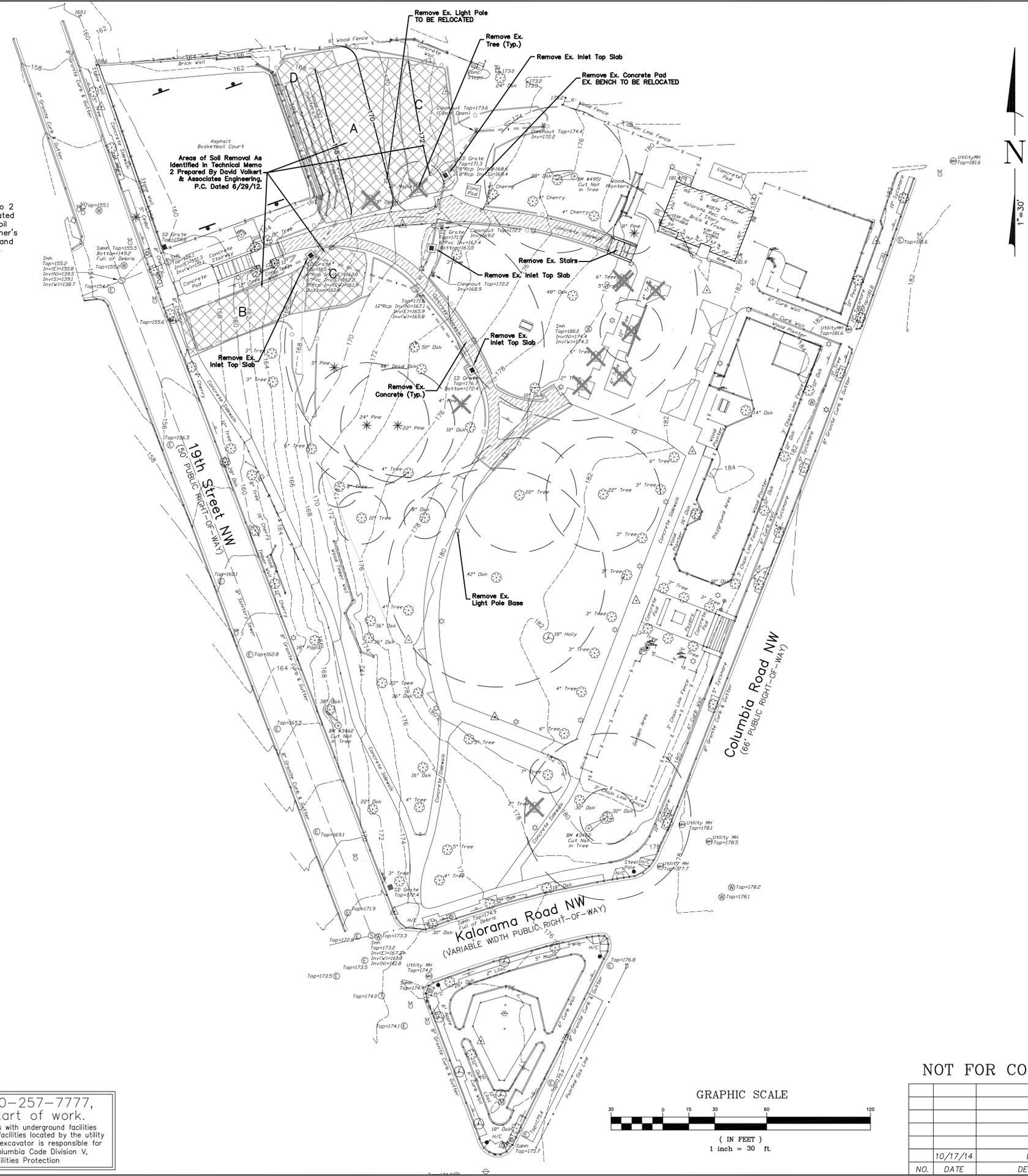
Depth of Soil Remediation*	
Zone A	3'-0"
Zone B	3'-0"
Zone C	3"
Zone D	3" to 6"

\*As Recommended in technical Memo 2 Prepared By David Volkert & Associated Engineering P.C. Dated 6/29/12. Soil Remediation To Be Monitored By Owner's Geotechnical Engineer. Final Depth and Extend of Remediation Is Subject to Modification By Owner's Geotechnical Engineer.

Areas of Soil Removal As Identified in Technical Memo 2 Prepared By David Volkert & Associates Engineering, P.C. Dated 6/29/12.

**Demolition Legend**

-  Remove Existing Soils
-  Remove Existing Concrete
-  Remove Existing Surface Feature
-  Remove Existing Utility
-  Remove Existing Tree



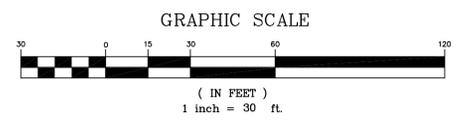
**DEMOLITION NOTES**

- Contact "Miss Utility" at 1 (800) 257-7777 for utility locations at least 48 hours in advance of beginning construction.
- All erosion and sediment control measures as shown on the approved Soil Erosion & Sediment Control Plan shall be installed prior to any demolition or construction. Refer to the sequence of construction for additional information.
- Utility appurtenances that are to be abandoned require all surface elements, such as manhole or valve covers, hydrants, etc. to be removed a minimum of 2 feet below finished grade. Remaining below grade features shall be capped and any voids filled with stone or flowable fill.
- Underground utilities that conflict with new work to be removed in their entirety. Contractor to coordinate with the affected utility company to ensure that any utility removal or relocation does not affect service to existing facilities during construction.
- Existing pavement shall be sawcut straight and even prior to removal. Sawcut depth shall extend at least 2/3 times the thickness of the existing pavement that remains in place.
- All areas for asphalt removal shall include removal of stone base.
- Removal of existing poles & fences shall include foundations.
- All existing improvements to remain shall be protected from damage during demolition and construction.
- Any existing improvements to remain that are damaged by the Contractor shall be repaired or replaced in kind at the Owner's discretion.
- Contractor to coordinate with the Owner concerning improvements to be salvaged prior to beginning demolition.
- All materials not specified to be salvaged shall be completely removed by the Contractor and disposed of off site.
- Information concerning underground utilities was obtained from surface locating, available records and visual field inspection. The Contractor must determine the exact location of existing utilities by digging test pits at all utility crossings well in advance of trenching. If clearance is less than shown on this plan, Contractor is to contact this office immediately.

**C1.2**

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of the District of Columbia Code Division V, Title 34, subtitle VII, Chapter 27, Underground Facilities Protection

NOT FOR CONSTRUCTION

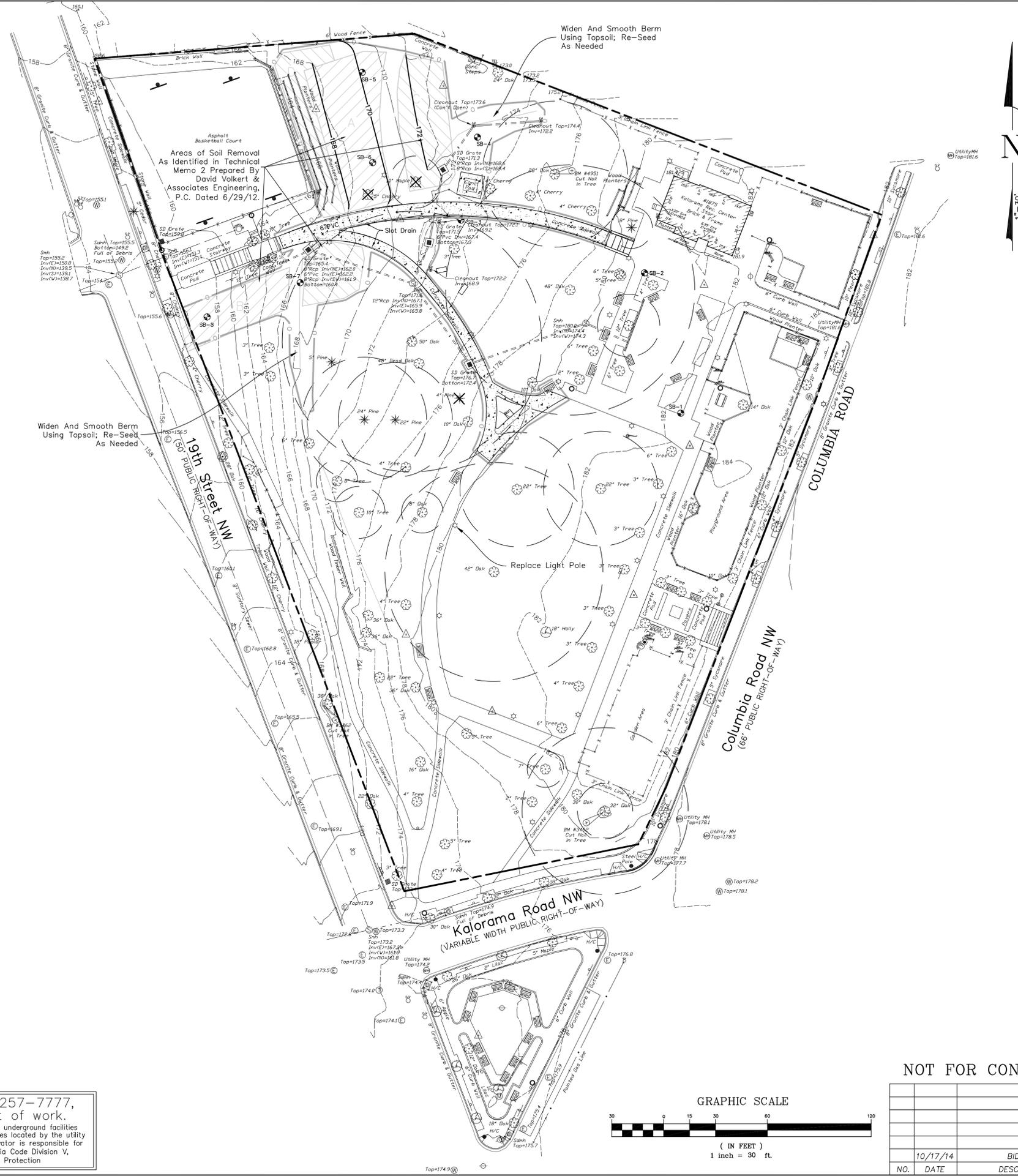


NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

**DEMOLITION PLAN - PHASE 1**  
**LOT 818, SQUARE 2550**  
**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

 <b>MHG</b> Macris, Hendricks & Glascock, P.A. Engineers • Planners Landscape Architects • Surveyors	Proj. Mgr. PGL	Designer KDJ
	Date 10/17/14	Scale 1"=30'
9220 Wightman Road, Suite 120 Montgomery Village, Maryland 20886-1279	Phone 301.670.0840 Fax 301.948.0693 www.mhgpa.com	Project No. 14.144.11

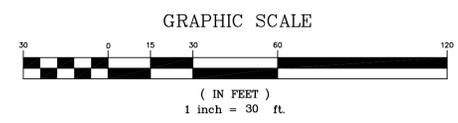
Sheet  
1 of 1



EXISTING		PROPOSED	
	Asphalt Paving		Asphalt Paving
	Curb & Gutter		Curb & Gutter
	Sign		Sign
	Utility Pole		Utility Pole
	Lamp Post		Lamp Post
	Post or Bollard		Post or Bollard
	Tree		Tree
	Electric		Electric
	Sanitary Sewer		Sanitary Sewer
	Storm Drain		Storm Drain
	Water Line		Water Line
	Fire Hydrant		Fire Hydrant
	Gas		Gas
	Telephone		Telephone
	Concrete		Concrete
	Spot Elevation		Spot Elevation
	Contour		Contour



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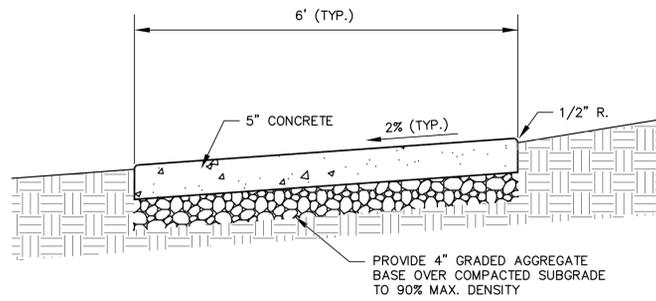
NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

C1.3

**SITE PLAN - PHASE 1**  
**LOT 818, SQUARE 2550**  
**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

	Macris, Hendricks & Glascock, P.A. Engineers • Planners Landscape Architects • Surveyors	Proj. Mgr. PGL	Designer PGL
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		Project No. 14.144.11	Sheet 1 of 2



**SITE CONCRETE SIDEWALK**

NTS REFER TO DDOT STD. 608.01 FOR ADDITIONAL CONSTRUCTION DETAILS

1. ALL CONCRETE SHALL BE DDOT CLASS F, DEPTH OF 5".
2. SIDEWALK WIDTH VARIES, SEE SITE PLAN FOR DIMENSIONS.
3. PROVIDE CONTROL JOINTS EVERY 5'-0" MIN. CONTROL JOINTS SHALL BE SAW-CUT OR FORMED, 3/4" DEEP.
4. PROVIDE 2" WIDE SMOOTH EDGE AT EACH SQUARE EDGE.
5. PROVIDE EXPANSION 1/2" EXPANSION JOINTS EVERY 20 FEET MAX. IF SIDEWALK WIDTH IS GREATER THAN 8'-0", ADD LONGITUDINAL CONTRACTION JOINT AT CENTERLINE OF SIDEWALK. EXPANSION JOINT MATERIAL SHALL BE 1/2" PERFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING, TWO-COMPONENT POLYURETHANE ELASTOMETRIC TYPE SEALANT COMPLYING WITH ASTM-C920.
6. PROVIDE 1/2" EXPANSION JOINT FILLTER WHERE SIDEWALK ABUTS CURB, BUILDING OR OTHER RIGID STRUCTURE(S).

**C1.4**

NOT FOR CONSTRUCTION

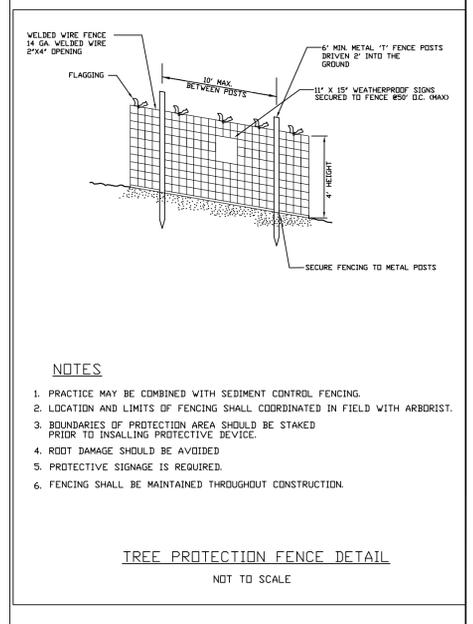
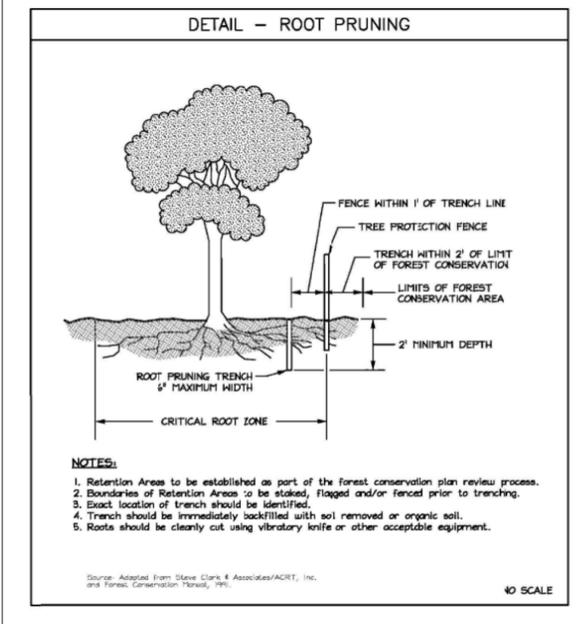
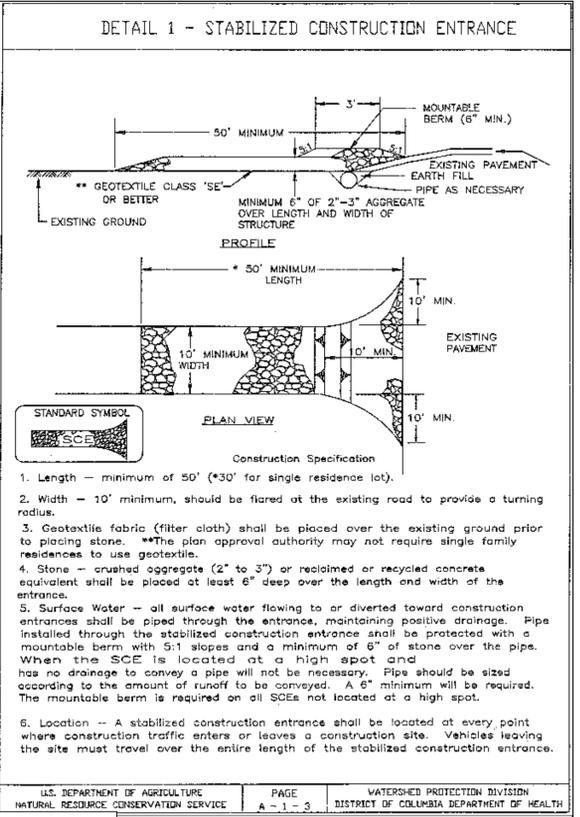
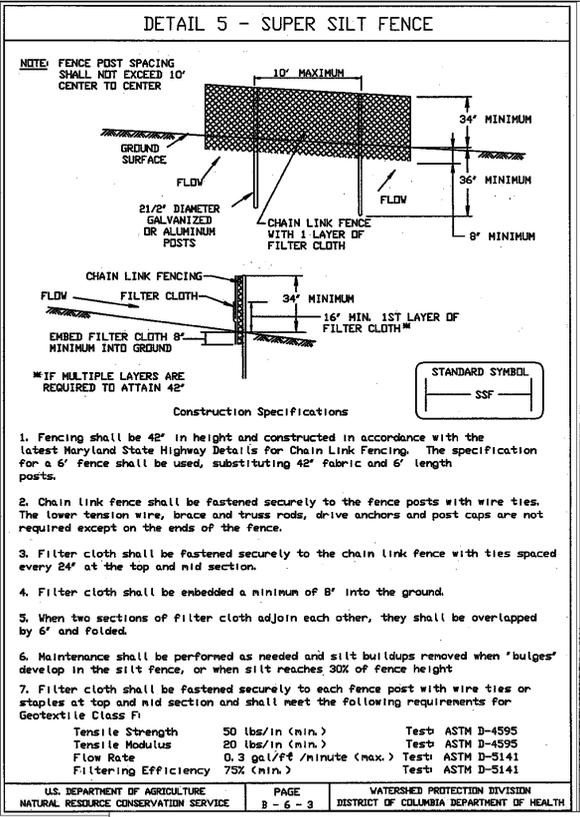
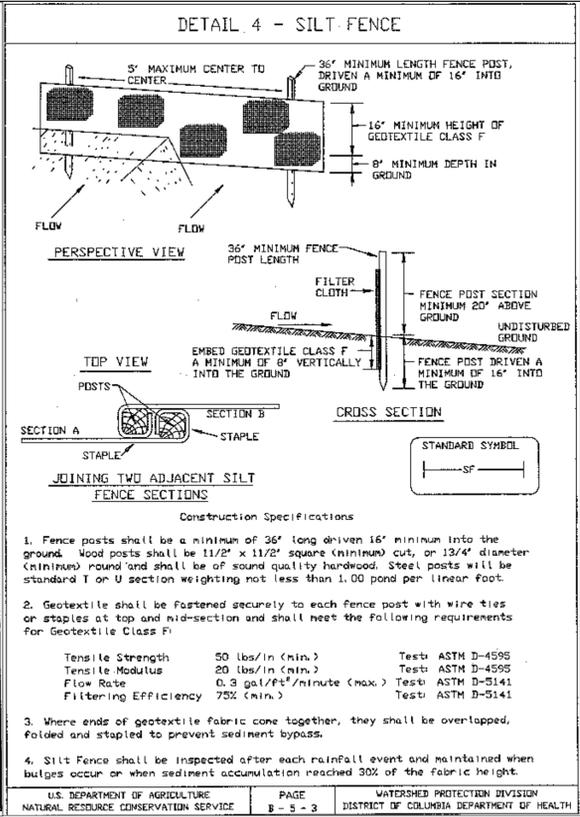
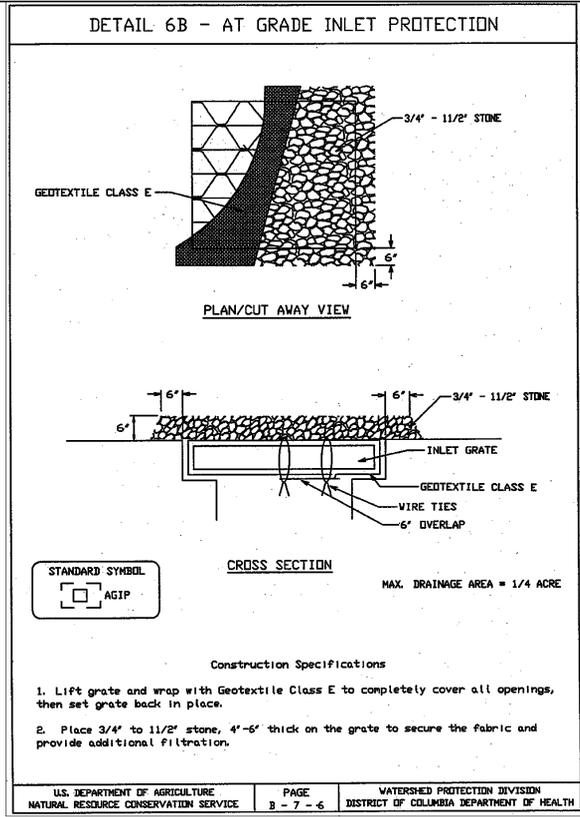
NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

**SITE DETAILS**  
 LOT 818, SQUARE 2550  
**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

<b>MHG</b> Macris, Hendricks & Glascock, P.A. Engineers • Planners Landscape Architects • Surveyors	9220 Wightman Road, Suite 120 Montgomery Village, Maryland 20886-1279	Phone 301.670.0840 Fax 301.948.0693 www.mhgpa.com	Proj. Mgr. PGL	Designer PGL
			Date 10/17/14	Scale AS SHOWN
			Project No. 14.144.11	Sheet 2 of 2

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.  
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NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

THIS PLAN IS FOR SOIL EROSION AND SEDIMENT CONTROL ONLY

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
LOT 818, SQUARE 2550  
**KALORAMA PARK**  
1875 COLUMBIA ROAD, NW  
WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

<b>Macris, Hendricks &amp; Glascock, P.A.</b> Engineers • Planners Landscape Architects • Surveyors	Proj. Mgr. PGL	Designer KDJ
	Date 10/17/14	Scale NONE
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Sheet 3 of 4

C2.2

1/14/14/MSD/SEC\_1\_C2.dwg, SEEC, Sheet 4, 10/16/2014 5:10:38 PM, Copyright © 2014 Macris, Hendricks & Glascock, P.A.

**STANDARD EROSION CONTROL NOTES**

- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
- ALL DEBRIS IS TO BE REMOVED FROM SITE.
- ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEEPED CLEAN AT ALL TIMES DURING DEMOLITION, EXCAVATION AND CONSTRUCTION.
- ALL CATCH BASINS AND DRAIN AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
- IF ANY CATCH BASINS OR DRAINS BECOME CLOGGED AS A RESULT OF DEMOLITION, EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
- WHEN SEDIMENT TRAP/SEDIMENT TANK HAS REACHED 67% CAPACITY, CLEANING OUT OF SAME IS REQUIRED.
- ANY STOCKPILING, REGARDLESS OF LOCATION SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
- AFTER RAZING OR DEMOLITION, THERE IS THE NEED FOR GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING. SUCH AS APPLYING SEED, SOD, PAVE, BRICKBAT OR MULCH, ETC.
- THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY AUTHORIZED OFFICIALS OF DCRA RESPONSIBLE FOR PROJECT.
- TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED, WITH PERMISSION OF INSPECTOR, WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.
- VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE D.C. STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING AND GROUND COVERS.
- SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
- WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL GUIDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE MUST BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.
- SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNED CONTROLS OR AS DIRECTED BY ENGINEER OR INSPECTOR:
  - CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK.
  - EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
  - TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCHES SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY, UNLESS:
  - TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.

OFF-SITE SPOIL, WASTE, OR BORROW AREAS IN THE DISTRICT OF COLUMBIA OR ON FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY DDCE. ALL WASTE AN BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED IN ACCORDANCE WITH THE ORDINANCES AND REGULATIONS OF THE JURISDICTION WHERE THE SPOIL, WASTE, OR BORROW AREA IS LOCATED/STABILIZED.

SITE INFORMATION: LOT 818, SQUARE 2550

TOTAL AREA OF SITE ----- ACRES  
 AREA DISTURBED ----- ACRES

TOTAL CUT ----- CU. YDS.\*  
 TOTAL FILL ----- CU. YDS.\*

OFFSITE WASTE/BORROW AREA LOCATION TO BE SUBMITTED BY CONTRACTOR FOR APPROVAL

\* THESE NUMBERS ARE FOR PERMIT PURPOSES ONLY AND NOT FOR BIDDING.

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**VEGETATIVE STABILIZATION**

PERMANENT AND TEMPORARY SEEDING, SODDING AND MULCHING

I. SITE PREPARATION

PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN (A) SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, DIKES, GRASSED WATERWAYS, SEDIMENT BASINS, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND (B) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

II. SEEDBED PREPARATION AND SEEDING APPLICATION

THE TOP LAYER OF SOIL SHALL BE LOOSENEED, LIMED AND FERTILIZED BY RAKING, DISCING OR HARROWING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. FLAT AREAS AND SLOPES UP TO 3 TO 1 GRADE SHALL BE LOOSE AND FRIABLE TO A DEPTH OF AT LEAST 3 INCHES SLOPES STEEPER THAN 3 TO 1 SHALL HAVE THE TOP 1-3 INCHES OF SOIL LOOSE AND FRIABLE BEFORE SEEDING. FLAT AREAS AND SLOPES UP TO 3 TO 1 GRADE SHALL BE LOOSE AND FRIABLE TO A DEPTH OF AT LEAST 3 INCHES SLOPES STEEPER THAN 3 TO 1 SHALL HAVE THE TOP 1-3 INCHES OF SOIL LOOSE AND FRIABLE BEFORE SEEDING.

APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL CULTIPACKER,SEEDER OR HYDROSEEDER ON A FIRM MOIST SEEDBED.

III. SOIL AMENDMENTS

LIME AND FERTILIZE ACCORDING TO SOIL TESTS. IN LIEU OF SOIL TEST APPLY THE FOLLOWING:

DOLOMITIC LIMESTONE 2 TONS PER ACRE OR 92 LBS/1,000 (PERMANENT AND SODDING SQ.FT.)

FERTILIZER 1 TON PER ACRE OR 46 LB/1,000 (TEMPORARY) 10-10-10 OR EQUIVALENT AT 1,000 LBS PER ACRE OR 23 LBS PER 1,000 SQ. FT. (PERMANENT AND SODDING)

IV. SEDIMENT CONTROL PRACTICES, SEEDING

SEED: "KENTUCKY 31" TALL FESCUE 60 LBS/ACRE OR 1.38 LBS/1,000 SQ. FT AND ITALIAN (ANNUAL) RYEGRASS 40 LBS/ACRE OR .91 LBS/1,000 SQ. FT.

DATES: 1/2 - 10/31 5/1 - 8/14 WITH IRRIGATION.

V. TEMPORARY SEEDING: PER GROWING SEASON

SEED: ITALIAN OR PERENNIAL RYEGRASS 40 LBS/ACRE OR .92 LBS/1,000 SQ. FT.

DATES: 2/1 - 4/30 AND 8/15 - 11/30

SEED: MILLET 40 LBS/ACRE OR 0.92 LBS/1,000 SQ. FT.

DATES: 5/1 - 8/14

VI. PERMANENT SEEDING

A. RESIDENTIAL AND HIGH MAINTENANCE AREAS

1. KENTUCKY BLUEGRASS, "PLUSH", "BIRKA", "PARADE", "VANTAGE", "COLUMBIA", "MERION", "ADELPHI", "SOUTH DAKOTA", "KENBLUE". ANY THREE VARIETIES AT 30 LBS. TO MAKE 90 LBS/ACRE OR 2 LBS/1,000 SQ.FT. AND RED FESCUE - "PENNLAWN" OR JAMESTOWN 10 LBS/1000 SQ.FT.

DATES: 2/1 - 4/30 AND 8/15 - 10/31.

2. "KENTUCKY 31" TALL FESCUE 220-260 LBS/ACRE OR 5-6 LBS/1,000 SQ. FT.

DATES: 2/1 - 10/31 5/1 - 8/14 IRRIGATION REQUIRED.

B. LOW MAINTENANCE AND MINING AREAS

"KENTUCKY 31" TALL FESCUE 40 LBS/ACRE OR 0.92 LBS/1,000 SQ. FT. AND "INTERSTATE" SERVICE LESPEDEZA (INOCULATED)20 LBS/ACRE OR 0.46 LBS/1,000 SQ. FT.

DATES: 2/1 - 4/30 AND 8/15 - 10/31

C. GENERAL AND LARGE ACREAGE

"KENTUCKY 31" TALL FESCUE 60 LBS./ACRE OR 1.38 LBS/1,000 SQ.FT.(0.5 kg/100 sq.m)

VII. MULCHING

ALL SEEDINGS REQUIRE MULCHING. USE MULCH ONLY DURING NON-SEEDING DATES UNTIL SEEDING CAN BE DONE.

MULCH SHALL BE UNROTTED, UNCHOPPED SMALL GRAIN STRAW APPLIED AT A RATE OF 1 TO 2 TONS/ACRE OR 70-90 LBS/1,000 SQ.FT. (2 BALES) MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEED BEDS AND SHALL BE FREE OF PROHIBITED NOXIOUS WEEDS. SPREAD MULCH UNIFORMLY MECHANICALLY OR BY HAND. 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, PEG AND TWIN OR LIQUID MULCH BINDERS.

LIQUID MULCH BINDER SHALL BE RAPID CURING OUTBACK ASPHALT APPLIED AT A RATE OF 200 GAL/ACRE OR 5 GAL. PER 1,000 SQ. FT. SLOPES 8 FEET OR MORE HIGH USE 348 GAL./ACRE OR 8 GAL./1,000 SQ. FT.

VIII. 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 WITH STAGGERED JOINTS WITH ALL ENDS TIGHTLY ADJUTTING AND NOT OVERLAPPING. SOD SHALL BE ROLLED AND THOROUGHLY WATERED WITHIN EIGHT HOURS OF 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.

IX. MAINTENANCE

A. IRRIGATION - WHEN SOIL MOISTURE BECOMES DEFICIENT, IRRIGATE TO PREVENT LOSS OF STAND OF PROTECTIVE VEGETATION.  
 B. REPAIRS - IF STAND IS INADEQUATE FOR EROSION CONTROL, OVERSEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY APPLIED. IF STAND IS OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL RATES AND PROCEDURES.

NOTE: USE OF THIS INFORMATION DOES NOT PRECLUDE MEETING ALL OF THE REQUIREMENTS OF THE 1987 DISTRICT OF COLUMBIA DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS (NOW DDCE) STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL VEGETATIVE PRACTICES.

**STANDARDS AND SPECIFICATIONS FOR DUST CONTROL**

- The contractor shall conduct operations and maintain the project site so as to minimize the creation and dispersion of dust. Dust control shall be used throughout the site.
- The contractor must provide clean water, free from salt, oil and other deleterious material to be used for on-site dust control.
- The contractor shall supply water spraying equipment capable of accessing all work areas.
- The contractor shall implement strict dust control measures during active construction periods on-site. These control measures will generally consist of water applications that shall be applied a minimum of once per day during dry weather or more often as required to prevent dust emissions.
- For water application to undisturbed soil surfaces, the contractor shall:
  - Apply water with equipment consisting of tank, spray bar, and pump with discharge pressure gauge.
  - Arrange spray bar height, nozzle spacing and spray pattern to provide complete coverage of ground with water.
  - Disperse water through nozzles on spray bar at 20 PSI (137.8 KPa) minimum. Keep areas damp without creating nuisance conditions such as ponding.
- For water application to soil surfaces during demolition and/or excavation, the contractor shall:
  - Apply water with equipment consisting of a tank, pump with discharge gauge, hoses, and mist nozzles.
  - Locate tank and spraying equipment so that the entire excavation area can be misted without interfering with demolition and/or excavation equipment or operations. Keep areas damp without creating nuisance conditions such as ponding.
  - Apply water spray in a manner to prevent movement of spray beyond the site boundaries.

**SEQUENCE OF CONSTRUCTION**

PHASE 1

- A minimum of 72 hours prior to the start of any grading activity the Permittee/Contractor shall notify the office of Erosion, Sediment Control Branch at (202) 535-2977.
- The Permittee/Contractor shall contact the owner's Archeological Consultant to coordinate construction monitoring as required by the owner.
- The Phase 1 limits of disturbance must be field marked prior to beginning grading operation, installation of sediment control measures, construction, or other land disturbing activities.
- Clear and grade for installation of Phase 1 sediment control devices.
- Install Phase 1 sediment control devices.
- Begin demolition.
- Begin soil remediation. Refer to Technical Memo 2 prepared by David Volkert & Associated Engineering, P.C. dated 8/29/12. Soil remediation shall be monitored by the project Geotechnical Engineer.
- Begin grading.
- Begin slot drain and storm drain construction.
- Begin sidewalk and hardscape construction.

Note: Items 6-10 do not need to be completed in the exact order specified.

11. All construction is to be inspected daily by the contractor, and any damaged siltation or erosion control devices or measures are to be repaired at the close of the day. All silt fence must be maintained in working condition. The stabilized construction entrance is to be periodically supplemented with additional stone as needed.

12. As various areas are completed, place topsoil and sod/seed on grassed areas in conformance with these plans and the Standard Erosion control Notes as well as the Landscape Plan.

13. Upon completion of all grading and permanent site stabilization, the remainder of the sediment control devices may be removed with the inspector's approval.

Note: The permittee/Contractor will notify the office of the Erosion, Sediment Control Branch at (202) 535-2977 within two weeks after completion of the phase.

**C2.3**

THIS PLAN IS FOR SOIL EROSION AND SEDIMENT CONTROL ONLY

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 LOT 818, SQUARE 2550

**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 - WASHINGTON, DC

NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

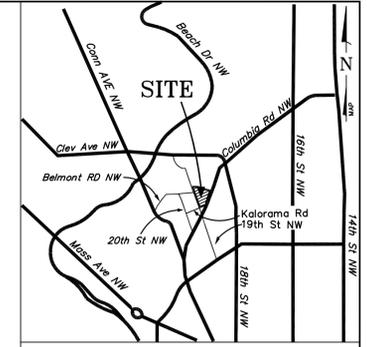
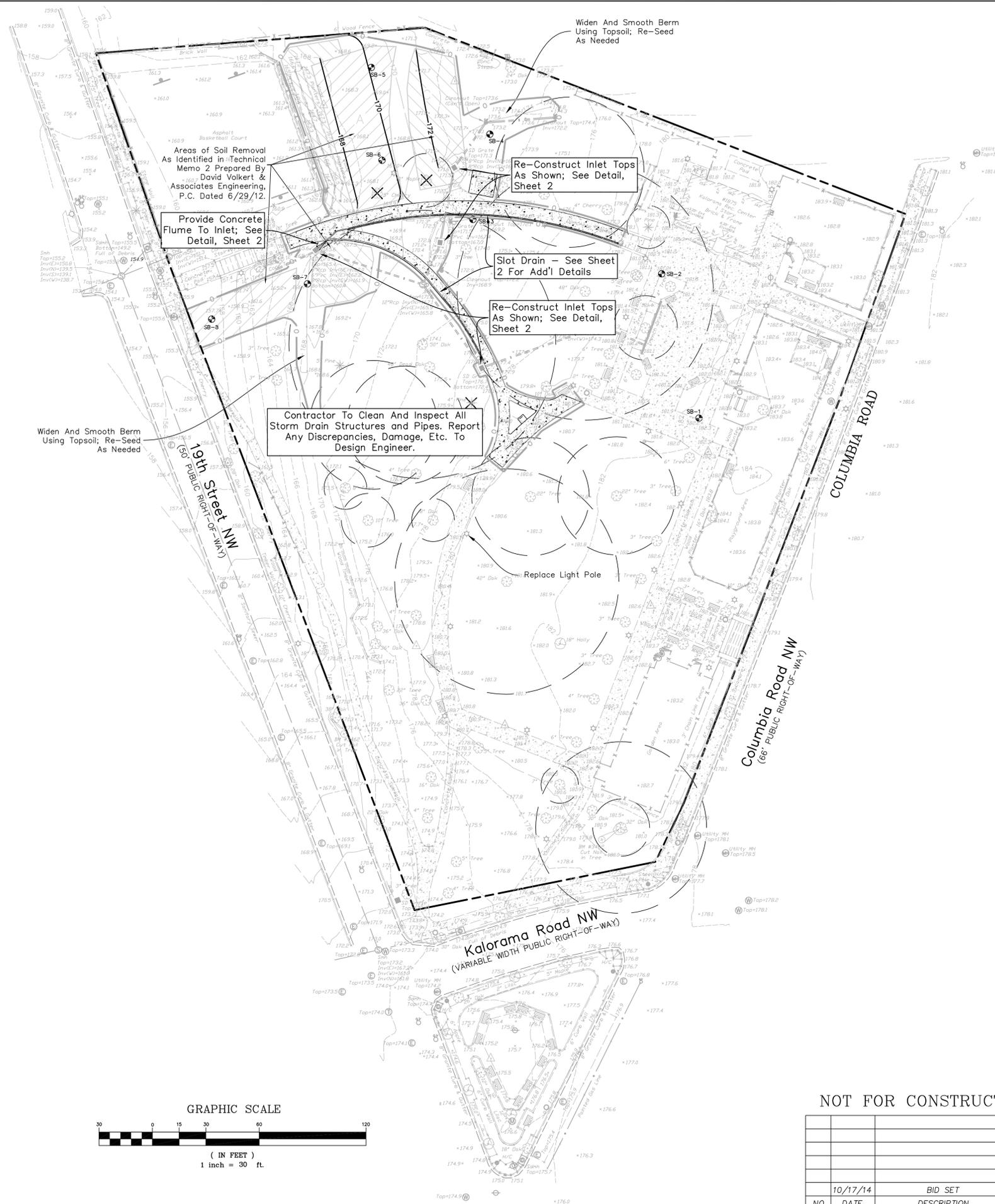


**Macris, Hendricks & Glascock, P.A.**  
 Engineers ■ Planners  
 Landscape Architects ■ Surveyors

9220 Wightman Road, Suite 120  
 Montgomery Village, Maryland  
 20886-1279

Phone 301.670.0840  
 Fax 301.948.0693  
 www.mhga.com

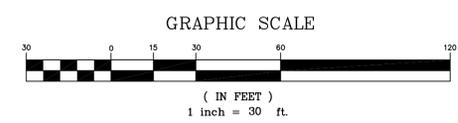
Proj. Mgr.	Designer
PGL	KDJ
Date	Scale
10/17/14	NONE
Project No.	Sheet
14.144.11	3 of 3



VICINITY MAP  
SCALE 1" = 2,000'

Legend	
EXISTING	PROPOSED
	Asphalt Paving
	Curb & Gutter
	Sign
	Utility Pole
	Lamp Post
	Post or Bollard
	Tree
	Electric
	6" SEWER
	24" RCP
	3" WATER
	Fire Hydrant
	4" GAS
	TELE
	Concrete
	Spot Elevation
	Contour

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of the District of Columbia Code Division V, Title 34, subtitle VII, Chapter 27, Underground Facilities Protection



NOT FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	BY
	10/17/14	BID SET	

**C3.1**

**DRAINAGE IMPROVEMENT PLAN – PHASE 1**  
**LOT 818, SQUARE 2550**  
**KALORAMA PARK**  
 1875 COLUMBIA ROAD, NW  
 WARD 1 / ANC 1C / SMD 1C03 – WASHINGTON, DC

<b>MHG</b> Macris, Hendricks & Glascock, P.A. Engineers • Planners Landscape Architects • Surveyors	Proj. Mgr. PGL	Designer SLW
	Date 10/17/14	Scale 1"=30'
9220 Wightman Road, Suite 120 Montgomery Village, Maryland 20886-1279	Phone 301.670.0840 Fax 301.948.0693 www.mhga.com	Project No. 2014.144.11 Sheet 1 of 2