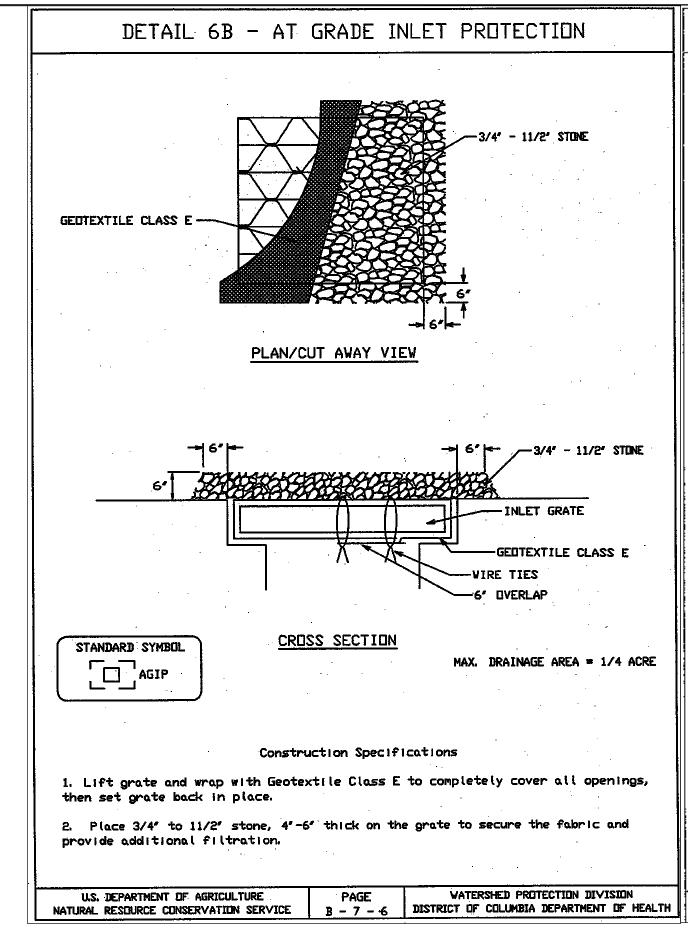
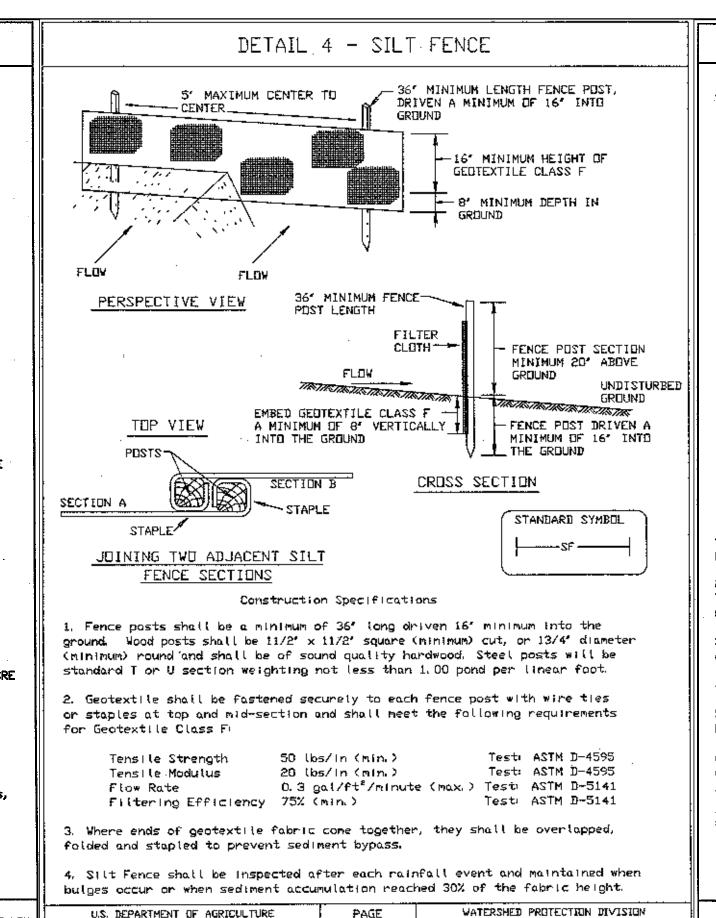


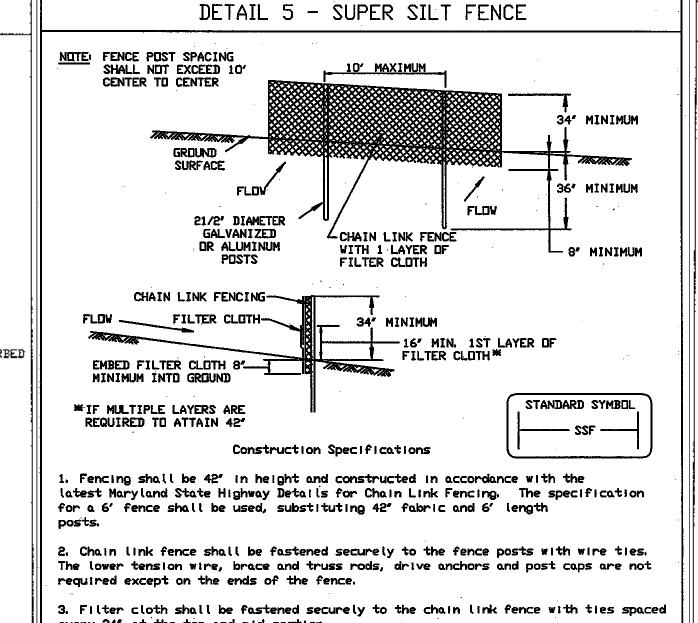
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DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

NATURAL RESOURCE CONSERVATION SERVICE



- every 24" at the top and mid section.
- 4. Filter cloth shall be embedded a minimum of 8' into the ground. 5. When two sections of filter cloth adjoin each other, they shall be overlapped
- 6. Maintenance shall be performed as needed and silt buildups removed when "bulges"
- develop in the silt fence, or when silt reaches 30% of fence height 7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for

Geotextile Class Fi Tensile Strength Test ASTM D-4595 50 lbs/in (min.) Test ASTM D-4595 Tensile Modulus 20 lbs/in (min.) Flow Rate

0.3 gal/ft /minute (max.) Testi ASTM D-5141 Filtering Efficiency 75% (min.) Test ASTM D-5141 WATERSHED PROTECTION DIVISION

NATURAL RESOURCE CONSERVATION SERVICE

U.S. DEPARTMENT OF AGRICULTURE WATERSHED PROTECTION DIVISION B - 6 - 3 DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH NATURAL RESOURCE CONSERVATION SERVICE

DETAIL 1 - STABILIZED CONSTRUCTION ENTRANCE

MINIMUM 6" OF 2"-3" AGGREGATE

OVER LENGTH AND WIDTH OF

STRUCTURE

MINIMUM

Construction Specification

2. Width — 10' minimum, should be flored at the existing road to provide a turning

3. Geotextile fabric (filter cloth) shall be piaced over the existing ground prior

to placing stone. **The plan approval authority may not require single family

5. Surface Water -- all surface water flowing to an diverted toward construction

has no drainage to convey a pipe will not be necessary. Pipe should be sized

The mountable berm is required on all SCEs not located at a high spot.

installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe.

according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location -- A stabilized construction entrance shall be located at every point

where construction traffic enters or leaves a construction site. Vehicles leaving

the site must travel over the entire length of the stabilized construction entrance.

entrances shall be blood through the entrance, maintaining positive drainage. Pipe

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete

equivalent shall be placed at least 6" deep over the length and width of the

LÉNGTH

PROFILE

<u>Plan view</u>

1. Length - minimum of 50' (*30' for single residence lot).

When the SCE is located at a high spot and

** GEOTEXTILE CLASS 'SE'-

OR BETTER

EXISTING GROUND

STANDARD SYMBOL

residences to use geotextile.

MOUNTABLE

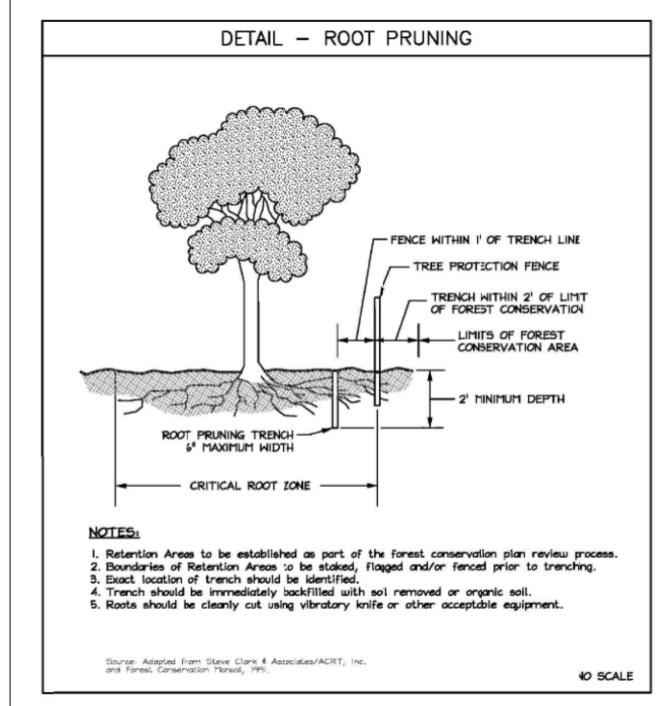
---- PIPE AS NECESSARY

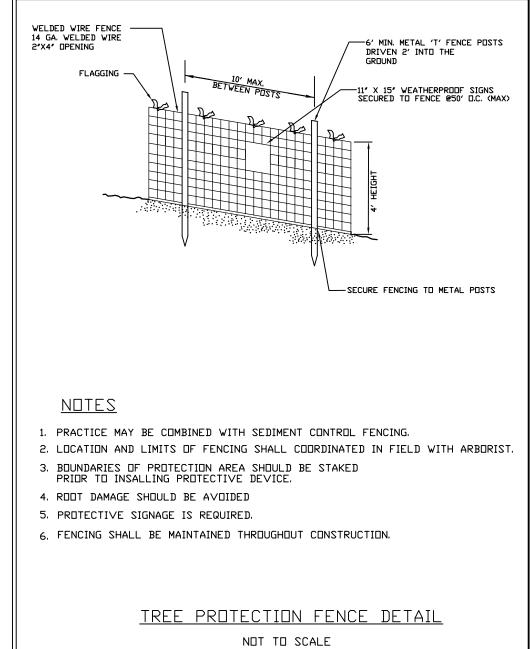
--- EARTH FILL

BERM (6" MIN.)

PAVEMENT

EXISTING PAVEMENT





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 1CO3 - WASHINGTON, DC

				L
				92
	10/17/14	BID SET		92 M 20
NO.	DATE	DESCRIPTION	BY	

NOT FOR CONSTRUCTION

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

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

Proj. Mgr. Designer PGL KDJ Scale 10/17/14 NONE Phone 301.670.0840 Fax 301.948.0693 Project No. Sheet www.mhgpa.com 14.144.11

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

- ALL DEBRIS IS TO BE REMOVED FROM SITE.
- ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEPT 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 GROUNDCOVER 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 GUILDING 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:
 - (A) CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK.
 - (B) EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
 - (C) 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;
 - (D) 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 DDOE. 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 ---- CU. YDS.

TOTAL FILL OFFSITE WASTE/BORROW

AREA LOCATION

TOTAL CUT

TO BE SUBMITTED BY CONTRACTOR FOR APPROVAL

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

---- CU. YDS.

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

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 LOOSENED. 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 2 TONS PER ACRE OR 92 LBS/1,000 LIMESTONE (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

"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.

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

V. TEMPORARY SEEDING: PER GROWING SEASON

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

DATES: 2/1 - 4/30 AND 8/15 - 11/30SEED: MILLET 40 LBS/ACRE OR

0.92 LBS/1,000 SQ. FT. DATES: 5/1 - 8/14

VI. PERMANENT SEEDING

SEED:

- 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.

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

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

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 sg.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 CUTBACK 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 ABUTTING 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 DDOE) STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL VEGETATIVE PRACTICES.

STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

- 1. 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.
- 2. The contractor must provide clean water, free from salt, oil and other deleterious material to be used for on-site dust
- 3. The contractor shall supply water spraying equipment capable of accessing all work areas.
- 4. 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.
- 5. For water application to undisturbed soil surfaces, the contractor shall:
- A. Apply water with equipment consisting of tank, spray bar, and
- pump with discharge pressure gauge. B. 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.
- 6. For water application to soil surfaces during demolition and/or excavation. the contractor shall:
- A. Apply water with equipment consisting of a tank, pump with discharge gauge, hoses, and mist nozzles.
- B. 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.
- C. Apply water spray in a manner to prevent movement of spray beyond the site boundaries.

SEQUENCE OF CONSTRUCTION

PHASE 1

- 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.
- 2. The Permittee/Contractor shall contact the owner's Archeological Consultant to coordinate construction monitoring as required by the owner.
- 3. 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.
- 4. Clear and grade for installation of Phase 1 sediment control devices.
- 5. Install Phase 1 sediment control devices.
- 6. Begin demolition.
- 7. 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
- 8. Begin grading.
- 9. Begin slot drain and storm drain construction
- 10. 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 pemittee/Contractor will notify the office of the Erosion, Sediment Control Branch at (202) 535-2977 within two weeks after completion of the phase.

Proj. Mgr. | Designer

KDJ

Scale

NONE

Sheet

PGL

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 1CO3 - WASHINGTON, DC

		9220 Wightman Road, Suit			
0/17/14	BID SET		Montgomery Village, Maryl 20886-1279		
DATE	DESCRIPTION	BY	20000-12/9		

NOT FOR CONSTRUCTION

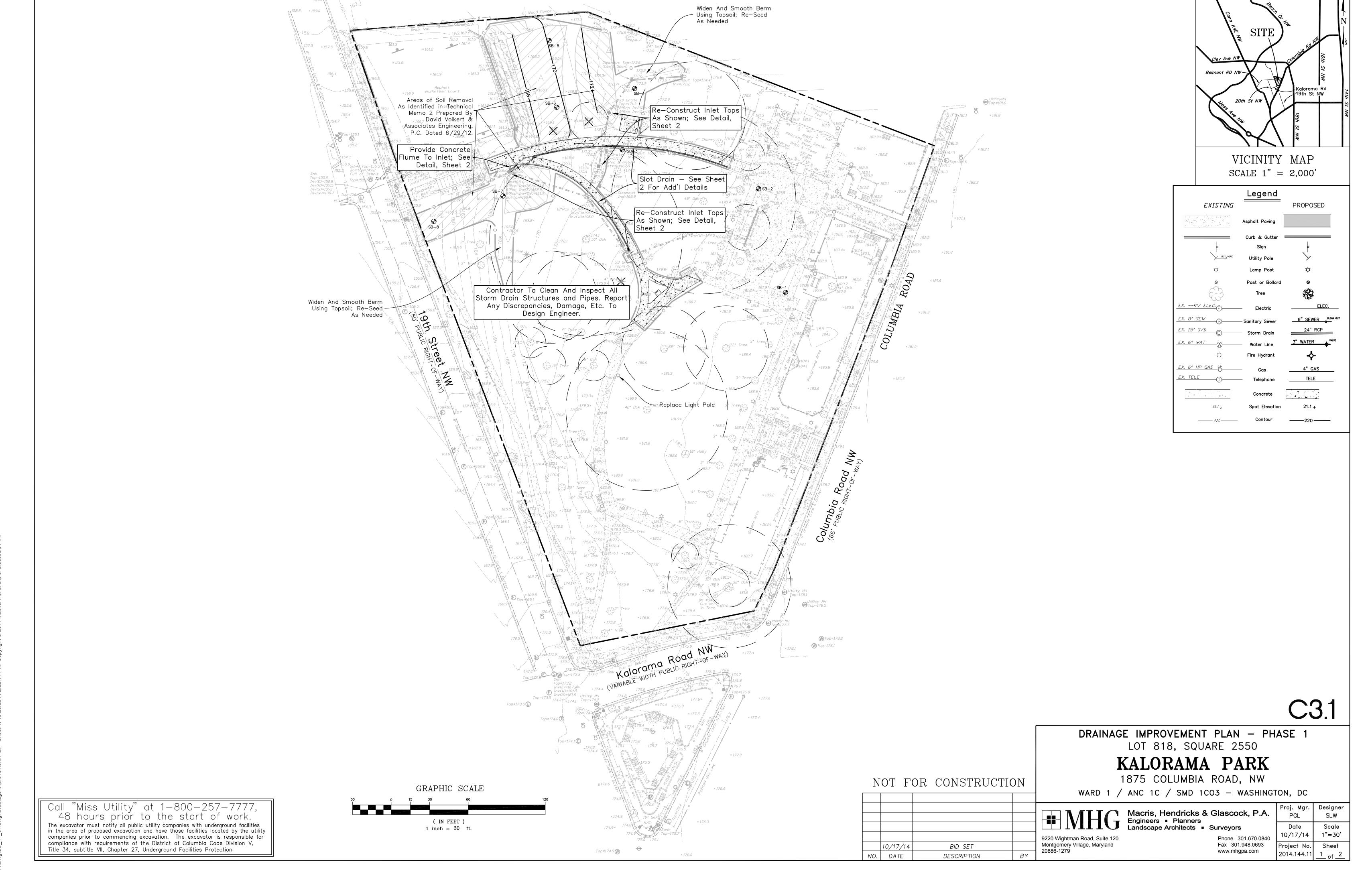
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Macris, Hendricks & Glascock, P.A. ■ Engineers ■ Planners

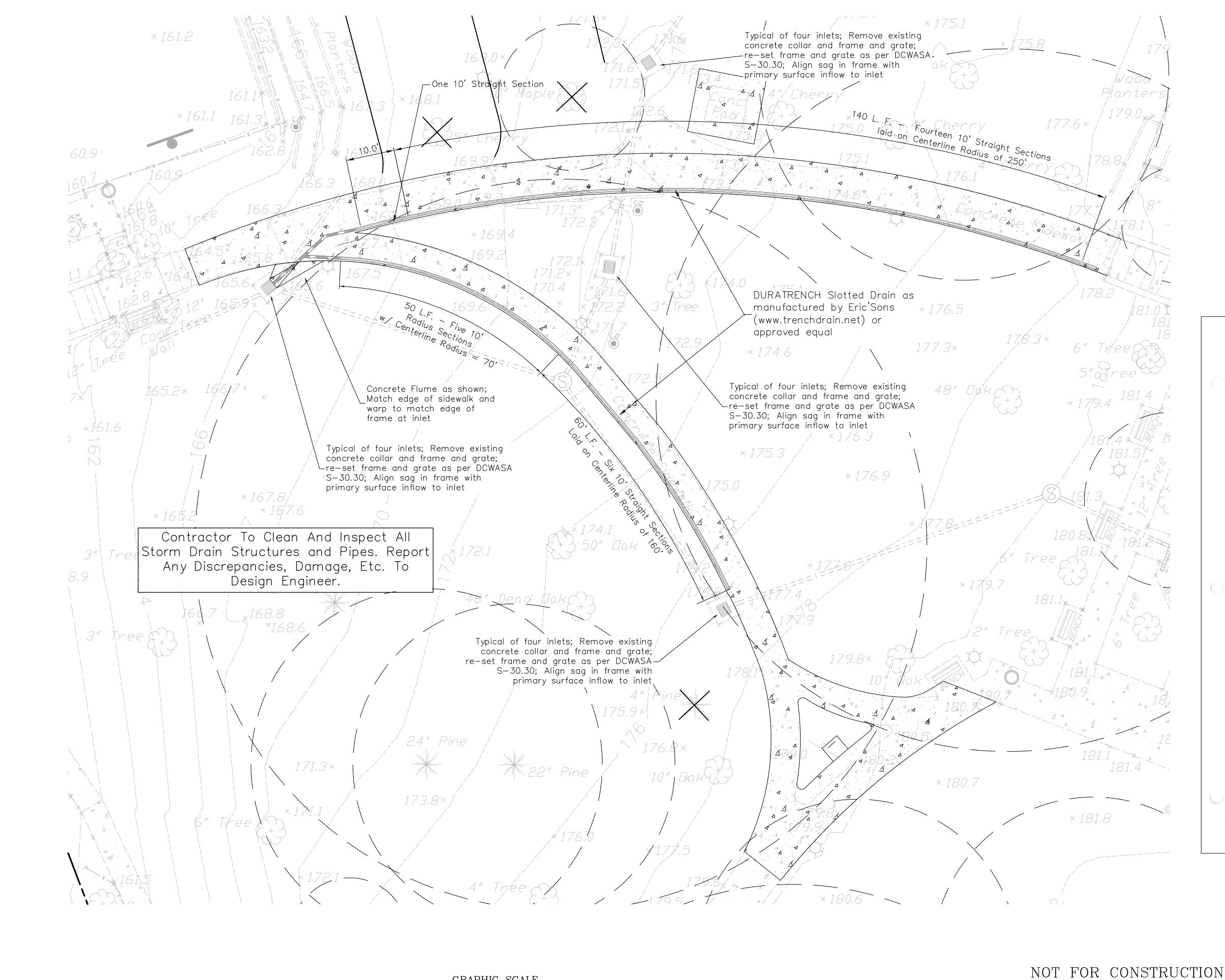
Landscape Architects ■ Surveyors

Date 10/17/14 Project No. 14.144.11

Phone 301.670.0840 Fax 301.948.0693 www.mhgpa.com



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MANUFACTURED BY ERIC'SONS WWW.TRENCHDRAIN.NET _ 1"X1"X¾6" STRUCTURAL STEEL FRAME PRECAST FIBERGLASS SLOT PIPE BODY CONCRETE AND REINFORCING PER GEOTECHNICAL ENGINEER'S REQUIREMENTS (4" MIN. CONCRETE INVERT AROUND SLOT PIPE) VARIES INSTALLATION BRACKETS FOR —ALIGNING AND ANCHORING SLOT PIPE SECTIONS -#4 REBAR INSTALLATION LEGS

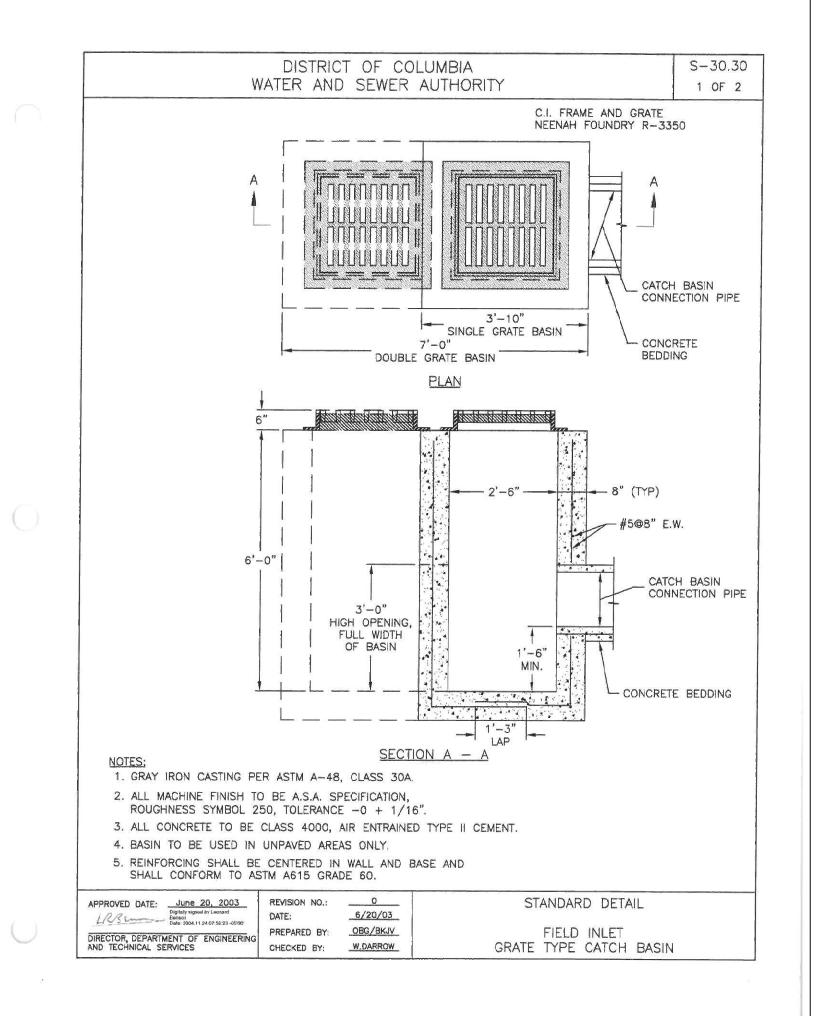
-COMPACTED EARTH

SLOT DRAIN SECTION

1. SLOT DRAIN SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

DURA-TRENCH

- 2. UNIFORM HEIGHT CHANNEL TO MATCH SLOPE OF ADJACENT SIDEWALK.
- 3. CONCRETE REINFORCEMENT SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER.



DRAINAGE IMPROVEMENT PLAN - PHASE 1 LOT 818, SQUARE 2550

KALORAMA PARK

1875 COLUMBIA ROAD, NW

WARD 1 / ANC 1C / SMD 1CO3 - WASHINGTON, DC

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

10/17/14

NO. DATE

BID SET

DESCRIPTION

Macris, Hendricks & Glascock, P.A.

Engineers • Planners

Landscape Architects • Surveyors Phone 301.670.0840 Fax 301.948.0693

www.mhgpa.com

10/17/14 Project No. Sheet

Proj. Mgr. Designer

Call "Miss Utility" at 1-800-257-7777,

48 hours prior to the start of work.

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GRAPHIC SCALE (IN FEET) 1 inch = 10 ft.