

VKA CAPITOL, LLC
4910 Massachusetts Avenue
SUITE 16
Washington, DC 20016

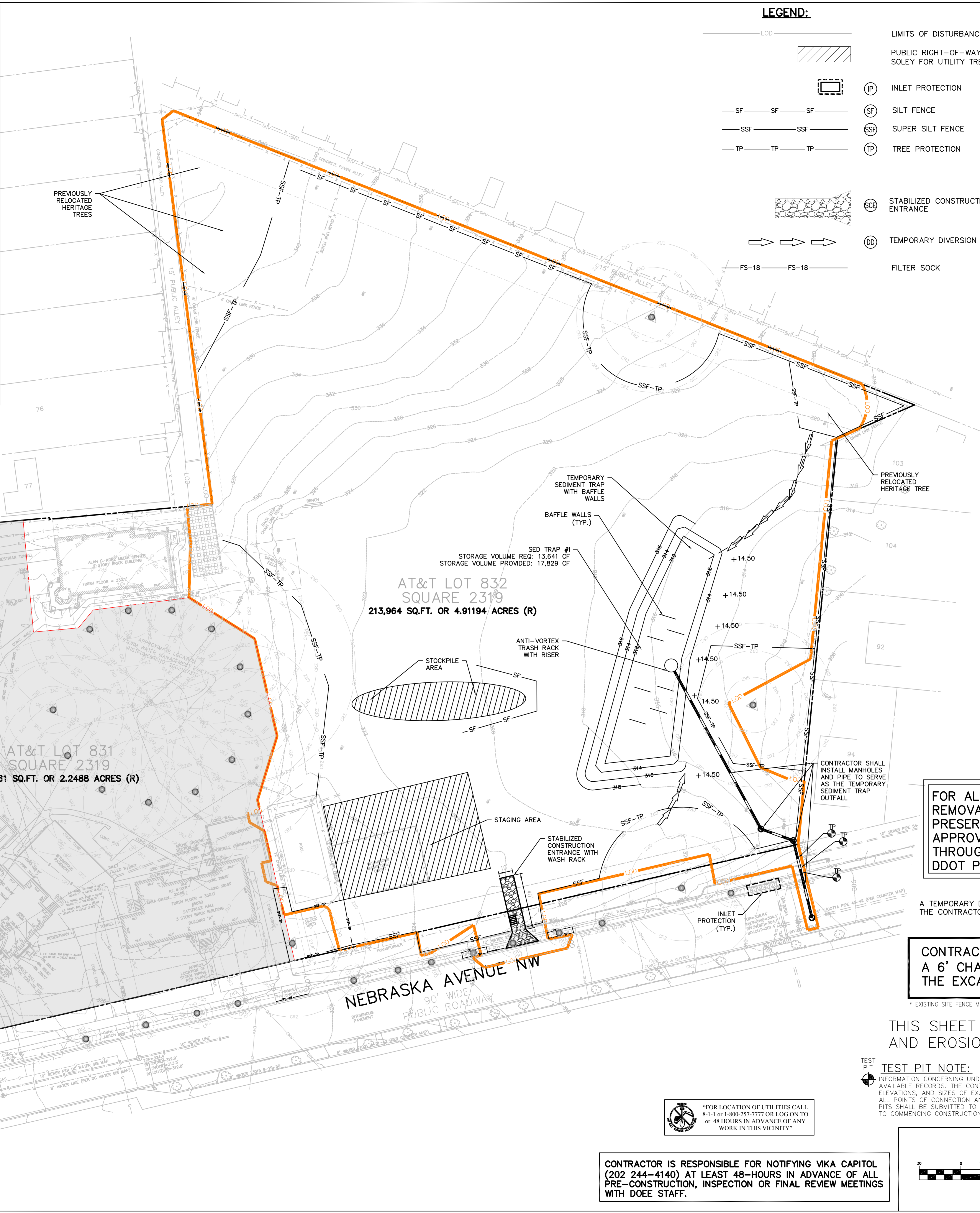
PROJECT: VC06260 - Athletic Fields
COMPUTED BY: BJR

SEDIMENT TRAP #1

SCALE = ELEV INTERVAL: AS SHOWN

STAGE VS STORAGE							
ELEV FT	AREA SQ IN	AREA SQ FT	H FT	VOL CU FT	TOT VOL CU FT	TOT VOL AC-FT	TOT VOL CU YD
312.00	5629	6881.0	2.00	0	0	0.00	0.0
314.00	8133	8133.0	0.50	13762	13762	0.31593	509.7
314.50	8133	8133.0	0.50	4066.5	17828.5	0.40929	660.3

DRAINAGE AREA (SF)	165,058
DRAINAGE AREA (ACRES)	3.79
TRAP VOLUME REQUIRED (CF/AC)	3600
TOTAL STORAGE REQUIRED (CF)	13641
MIN STORAGE REQUIRED (CF)	13641
DRY STORAGE VOLUME	6821
DRY STORAGE ELEVATION	313.99
WET STORAGE VOLUME	6821
WET STORAGE ELEV.	313.15
CLEANOUT STORAGE VOLUME	2274
CLEANOUT STORAGE ELEV.	312.33



LEGEND:

- LOD — LIMITS OF DISTURBANCE
- SF — PUBLIC RIGHT-OF-WAY DISTURBANCE
- SSF — SOLELY FOR UTILITY TRENCH WORK
- TP — INLET PROTECTION
- SSF — SILT FENCE
- SSF — SUPER SILT FENCE
- TP — TREE PROTECTION
- FS-18 — STABILIZED CONSTRUCTION ENTRANCE
- FS-18 — TEMPORARY DIVERSION DIKE
- FS-18 — FILTER SOCK

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMITS OPERATIONS DIVISION
PLANS APPROVED
Permit No. BCV210010 Date 11/16/23

SITE PLAN is conditionally approved and is subject to field inspection. Approved plans must be kept on site and are needed for all inspections. No changes or modifications to these plans. Changes require a revision permit with the revised plans. Trade Permits are required for trade work, e.g. Electrical or Plumbing.

Structural Review: Glenn Keshavan
DOE Review: Shwanti Zaky
DOE SE-SW Review: Saba Ghafari - 11-16-2023
JPB Review: Timothy Dennee - 11-16-2023
DC Water Review: Vahid Bahari - 11-16-2023

VICINITY MAP
SCALE 1" = 1000'

SEDIMENT AND EROSION CONTROL NARRATIVE

AREA OF SITE = 213,964 SQ. FT. (4.91 ACRES)
APPROX. QUANTITY OF DISTURBED AREA (SITE) = 200,943 SQ. FT.
APPROX. QUANTITY OF UTILITY TRENCHING AREA (SITE) = 1,261 SQ. FT.
APPROX. QUANTITY OF CUT = 4,500 CY
APPROX. QUANTITY OF FILL = 4,500 CY

APPROX. QUANTITY OF DISTURBED AREA (PROW) = 4,971 SQ. FT.
APPROX. QUANTITY OF UTILITY TRENCHING AREA (PROW) = 493 SQ. FT.

SITE AND EROSION CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROLS TO MEET DOEE STANDARD CRITERIA SHALL BE PROVIDED FOR THE WORK ASSOCIATED WITH THE INTERIOR RENOVATION AND SITE IMPROVEMENT ACTIVITIES. DUE TO THE COST AND SCOPE OF THE SITE IMPROVEMENTS, STORMWATER MANAGEMENT CONTROLS WILL BE PROVIDED BY WAY OF TREE PLANTINGS, TREE PRESERVATION, RAINWATER HARVESTING, GRASS CHANNEL AND BIOTENTATION IMPROVEMENTS.

SITE STABILIZATION NOTE

FOLLOWING INITIAL LAND DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR INTERIM STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FOR THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE (3) HORIZONTAL TO ONE (1) VERTICAL (3:1); AND FOURTEEN (14) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THE REQUIREMENTS OF THIS PARAGRAPH DO NOT APPLY TO THOSE AREAS WHICH ARE SHOWN ON THE PLAN AND ARE BEING USED FOR MATERIAL STORAGE OTHER THAN STOCKPILING, OR FOR THOSE AREAS ON WHICH ACTUAL CONSTRUCTION ACTIVITIES ARE BEING PERFORMED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY SO THAT STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF THE DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

DEWATERING NOTE:

OUR SEDIMENT AND EROSION CONTROL PLANS SHOW THE STANDARD DEWATERING DESIGN THAT IS NEEDED AFTER A RAINFALL EVENT TO REMOVE SEDIMENT LADEN STORM WATER FROM THE BOTTOM OF THE EXCAVATION AREA. ANY OTHER TEMPORARY OR PERMANENT DEWATERING DESIGN FOR GROUNDWATER WILL NEED TO COME FROM THE GEOTECHNICAL ENGINEER OR ANOTHER CONSULTANT.

- NOTES:**
- SOILS: B1B - BRANDYWINE - URBAN LAND COMPLEX
 - SOURCE: USDA NRCS WEB SOIL SURVEY MAP
 - CONTRACTOR SHALL PERFORM ROUTINE MAINTENANCE TO PREVENT ANY NEW DESTABILIZED AREAS.
 - TEMPORARY MEASURES AND DEVICES SUCH AS FILTER SOCK, ASPHALT SILT FENCE, DIVERSION DIKES, OR OTHERS, MAY BE REQUIRED AND REQUESTED BY THE DOEE INSPECTOR TO CONTROL AND DIVERT RUNOFF DURING CONSTRUCTION.

FOR ALL TREE WORK, INCLUDING TREE REMOVAL, TREE RELOCATION, AND TREE PRESERVATION, CONTRACTOR SHALL FOLLOW APPROVED TREE PRESERVATION PLANS LR-1 THROUGH LR-9 BY WSSI ASSOCIATED WITH DDOT PERMIT #TA88465

A TEMPORARY DISCHARGE PERMIT FROM DC WATER WILL BE OBTAINED BY THE CONTRACTOR FOR ANY STORMWATER DISCHARGE FROM DEWATERING.

CONTRACTOR SHALL MAINTAIN A 6' CHAIN LINK FENCE AROUND THE EXCAVATION AT ALL TIMES.*

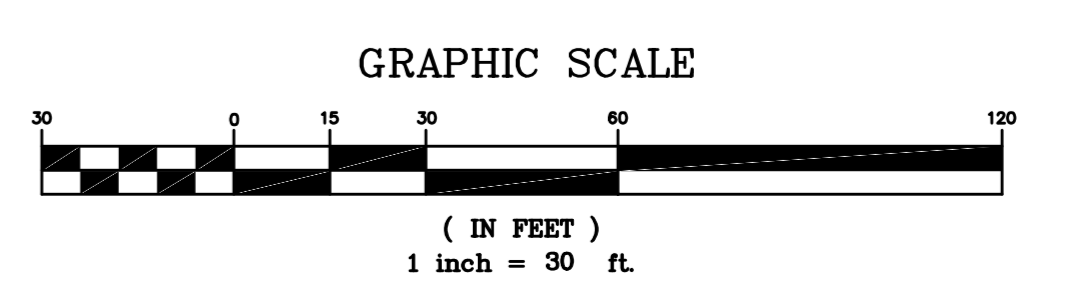
* EXISTING SITE FENCE MAY BE USED IF IT IS ACCEPTABLE CONDITIONS

THIS SHEET IS FOR SEDIMENT AND EROSION CONTROL ONLY

TEST PIT NOTE:
INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION, ELEVATIONS, AND SIZES OF EX. UTILITIES BY DIGGING TESTS PITS BY HAND AT ALL POINTS OF CONNECTION AND AT CROSSINGS. RESULTS FROM THESE TEST PITS SHALL BE SUBMITTED TO THE ARCHITECT FIVE (5) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION AND/OR ORDERING MATERIALS.

FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO OR 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

CONTRACTOR IS RESPONSIBLE FOR NOTIFYING VKA CAPITOL (202 244-4140) AT LEAST 48-HOURS IN ADVANCE OF ALL PRE-CONSTRUCTION, INSPECTION OR FINAL REVIEW MEETINGS WITH DOEE STAFF.



VKA CAPITOL REVISIONS

#	DATE	DESCRIPTION

DATE: 23-FEB-2023

DES. KUO DWN. BJR

SCALE: AS SHOWN

PROJECT/FILE NO. VC0626D

SHEET NO. CIV0700

VKA CAPITOL
ENGINEERS * PLANNERS * LANDSCAPE ARCHITECTS * SURVEYORS * CIVIL ENGINEERS

BRIAN RUHL
ruih@vkapitol.com

MARET SCHOOL PROPOSED ATHLETIC FIELDS
SQUARE 2319, LOT 832
5901 UTAH AVE NW
WASHINGTON, D.C. 20015

SEDIMENT AND EROSION CONTROL PLAN

THE INFORMATION, DESIGN AND CONTENT OF THE DRAWINGS OR DOCUMENTS ATTACHED HERETO ARE PROPRIETARY TO VKA CAPITOL, LLC AND CONSTITUTE ITS PROPRIETARY INTELLECTUAL PROPERTY. THE ATTACHED DRAWINGS AND DOCUMENTS MUST NOT BE REPRODUCED, COPIED, DISTRIBUTED, MODIFIED, OR USED FOR ANY PURPOSE, IN ANY FORM, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM VKA CAPITOL, LLC. VIOLATION MAY RESULT IN PROSECUTION. ONLY APPROVED DRAWINGS AND SCALE PLANS OR DRAWINGS MAY BE UTILIZED FOR CONSTRUCTION PURPOSES.

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