DEPARTMENT OF ENERGY & ENVIRONMENT

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
PLANS APPROVED
Permit No. SH2400039 Date 04/09/24

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HPRB Review - Timothy Dennee - 04-05-2024
Zoning Review - Ernesto Watren - 04-05-2024
Structural Review - Tong Li - 04-09-2024
DOEE SR GW Review - Saba Gharavi - 04-09-2024

VIKA CAPITOL
ENGINEERS ★ PLANNERS ★ LANDSCAPE ARCHITECTS ★ SURVEYORS ★ GEOMATICS
PROJECT COORDINATOR:
BRIAN RUHL
ruhl@vikacapitol.com
VIKA CAPITOL, LLC ★ 4910 MASSACHUSETTS AVENUE, NW SUITE 16 ★ WASHINGTON, DC 20016 ★ PHONE: 202.244.4140 ★ WWW.VIKACAPITOL.COM ★

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

GRADING PLAN

AT&T LOT 832
SQUARE 2319
213,964 SQ.FT. OR 4.91194 ACRES (R)

"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"

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

**NOTE
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VIKA CAPITOL REVISIONS

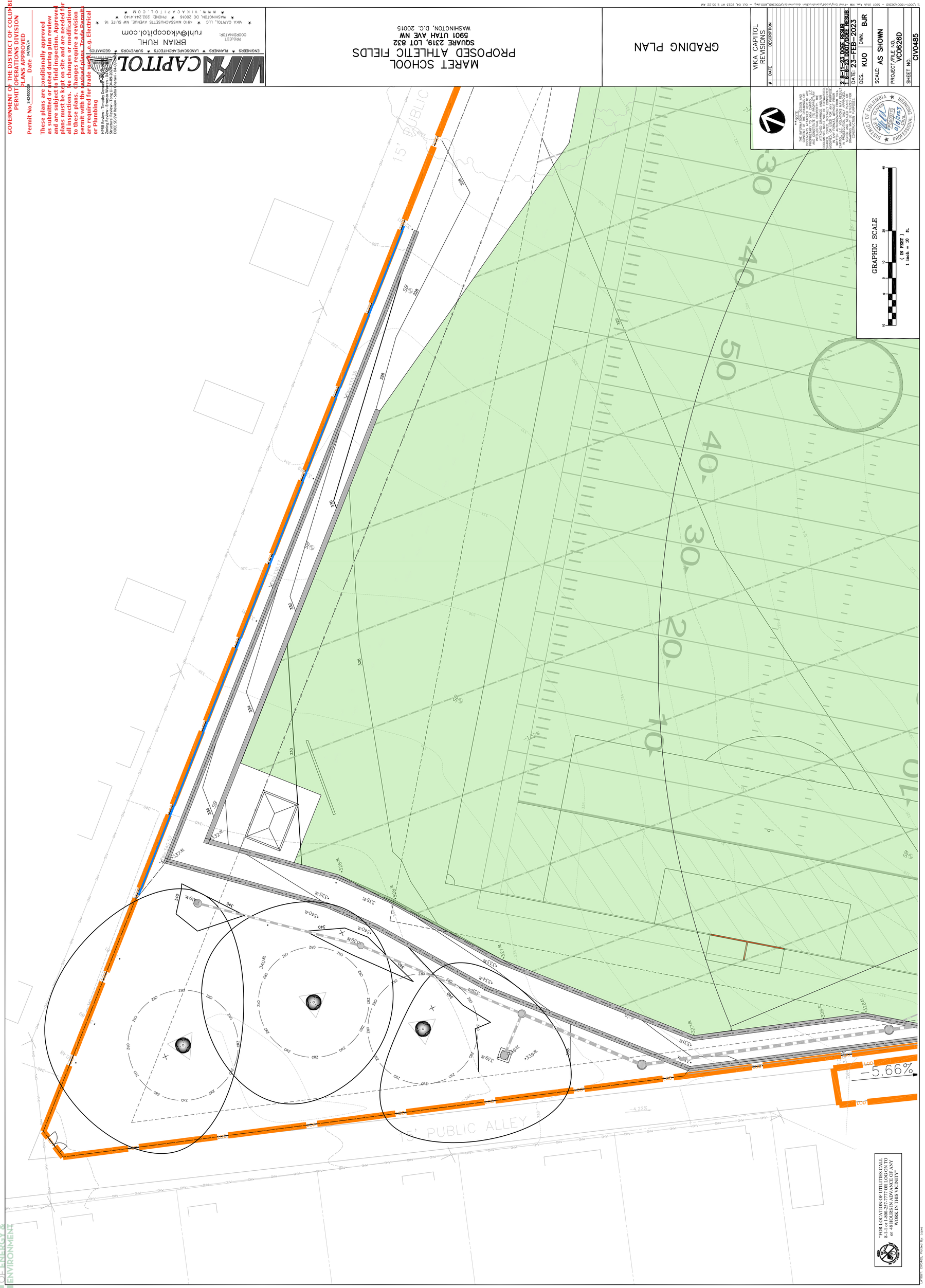
#	DATE	DESCRIPTION
2	8-11-23	DOEF RESUB
1	6-8-23	DDOT/DOEE RESUB

DATE: 23-FEB-2023
DES. KUO DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0480

Board of Zoning Adjustment
District of Columbia
CASE NO. 21100
EXHIBIT NO. 23

LAYOUT: CIV0480, Plotted By: Lopez

S:\0001-1000\0626D - 5901 Utah Ave. NW - Final Eng\Land\construction documents\VC0626D_600.dwg, ~ Oct. 04, 2023 At 8:02:56 AM



GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
PLANS APPROVED
Date 04/09/24
Permit No. SH2400039
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HPRB Review - Timothy Dennis
Zoning Review - Ernesto Walker - 04/09/2024
Structural Review - Tongli - 04/09/2024
DOEE SE-SW Review - Saba Gharavi - 04/09/2024
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WWW.VIKACAPITOL.COM
MARET SCHOOL
PROPOSED ATHLETIC FIELDS
SQUARE 2319, LOT 832
5901 UTAH AVE NW
WASHINGTON, D.C. 20015
GRADING PLAN
VIKA CAPITOL REVISIONS
DATE DESCRIPTION
2 8-11-23 DOEE RESUB
1 6-6-23 DDOT/DOEE RESUB
DATE: 23-FEB-2023
DES. KUO
DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0485
DISTRICT OF COLUMBIA
PROFESSIONAL ENGINEER
GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.
15' PUBLIC ALLEY
-5.66%
"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"
DEPARTMENT OF ENERGY & ENVIRONMENT

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GOVERNMENT OF THE DISTRICT OF COLUMBIA
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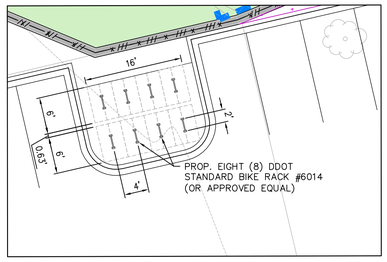
Zoning Review - Ernesto Warren - 04-05-2024
Structural Review - Tong Li - 04-09-2024
DDOT R-SW Review - Saba Gharavi - 04-09-2024

THE CONTRACTOR SHALL NOT USE THE ALLEY FOR ANY SITE RELATED ACCESS. ANY DAMAGE TO THE EXISTING ALLEY SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE DDOT INSPECTOR

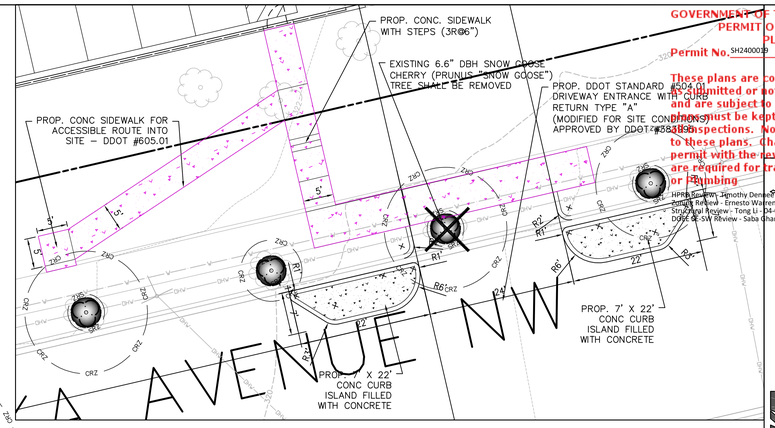
THE CONTRACTOR MAY NEED TO INSTALL AN IMPERMEABLE LINER WITH THE PROPOSED RETAINING WALLS, TO DEFLECT DRAINAGE FROM THE PERMEABLE PAVER ALLEY. ALSO, THE PROPOSED RETAINING WALL DESIGN SHALL ACCOUNT FOR DRAINAGE FROM THE ALLEY

TRANSPLANTED HERITAGE TREES

EXISTING HERITAGE TREE TO REMAIN



PROPOSED BIKE RACKS ENLARGEMENT
SCALE: 1"=10'



PROPOSED NEBRASKA AVE. NE CURB CUT ENLARGEMENT
SCALE: 1"=10'

THE CONTRACTOR SHALL PERFORM A SITE INSPECTION BEFORE WORK HAS STARTED AND AFTER WORK HAS COMPLETED OF THE EXISTING ALLEY WITH THE DDOT INSPECTOR AND JO-ELLE BURGARD OF DDOT. BOTH INSPECTIONS WILL INCLUDE A TEST OF THE EXISTING PERMEABLE PAVER UNDERDRAIN TO ENSURE IT IS NOT CLOGGED

PROP. DDOT STANDARD #503.01 PCC ALLEY

UTAH AVENUE NW
WIDTH VARIES
PUBLIC ROADWAY

AT&T LOT 832
SQUARE 2319
213,964 SQ.FT. OR 4.91194 ACRES (R)

AT&T LOT 831
SQUARE 2319
97,961 SQ.FT. OR 2.2488 ACRES (R)

EXISTING BUILDINGS, PEDESTRIAN TUNNELS, PARKING LOTS, TREES, AND OTHER ELEMENTS WITHIN THE SHADED AREA ARE NOT INCLUDED IN APPLICATION AND SHALL REMAIN (THIS AREA IS UNDER DOEE #7362)

EXISTING HERITAGE TREE TO REMAIN

NEBRASKA AVENUE NW
90' WIDE
PUBLIC ROADWAY

539.84' TO UTAH AVE NW

28TH STREET NW
60' WIDE
PUBLIC STREET

134.87' TO 28TH ST NW

196.03'

78.28'

118.75'

161.36'

APPROX. LOCATION OF CAPITAL BIKESHARE 10' X 50' CONCRETE BASE. FINAL LOCATION SHALL BE DETERMINED WITH DDOT INSPECTOR. THE BASE SHALL BE INSTALLED. THE BIKE DOCKING STATION WILL BE PROVIDED AND INSTALLED BY OTHERS.

CONTRACTOR SHALL IMPLEMENT THE PAVEMENT MARKING & SIGNING PLAN AND THE SCHOOL SIGNING PLAN FOR BOTH UTAH AVE. NW AND NEBRASKA AVE. NW. SEE THESE SEPARATE PLANS SETS, WHICH WERE BOTH PREPARED BY WELLS & ASSOCIATES, FOR DETAILS AND MORE INFORMATION.

PROP. CURB CUT TO BE CLOSED WITH GRANITE CURB PER DDOT #609.02 & CONCRETE APRON REMOVED

PROPOSED SMALL TREE (DUE TO OVERHEAD UTILITIES) SUCH AS A SNOW GOOSE CHERRY (PRUNUS "SNOW GOOSE") TO MATCH THE OTHER CHERRY TREES, OR A SPECIES APPROVED BY THE DDOT WARD URBAN FORESTER, TO BE PLANTED PER DDOT DETAILS. NO STRUCTURAL SOIL REQUIRED AS PLANTING STRIP WILL SATISFY SOIL REQUIREMENT

PROP. 100' PICK-UP/DROP-OFF (PUDO) ZONE SEE TRAFFIC CONSULTANT DRAWINGS FOR MORE DETAILS

PROP. CONC SIDEWALK FOR ACCESSIBLE ROUTE INTO SITE – DDOT #605.01

PROP. CONC. SIDEWALK WITH STEPS (3R@6")

PROP. DDOT STANDARD #504.01 DRIVEWAY ENTRANCE WITH CURB RETURN TYPE "A" (MODIFIED FOR SITE CONDITIONS) APPROVED BY DDOT #383995

EXISTING 6.6" DBH SNOW GOOSE CHERRY (PRUNUS "SNOW GOOSE") TREE SHALL BE REMOVED

PROP. EIGHT (8) DDOT STANDARD BIKE RACK #6014 (OR APPROVED EQUAL)

PROP. DDOT STANDARD #606.08 CURB RAMP

PROP. CROSWALK STRIPING PER DDOT STANDARDS

PROP. DDOT STANDARD #606.08 CURB RAMP

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GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

VIKA CAPITOL
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MARET SCHOOL
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SQUARE 2319, LOT 832
5901 UTAH AVE. NW
WASHINGTON, D.C. 20015

PUBLIC SPACE EXHIBIT

VIKA CAPITOL REVISIONS

#	DATE	DESCRIPTION
2	8-11-23	DOEE RESUB
1	6-8-23	DDOT/DOEE RESUB

DATE: 23-FEB-2023
DES. KUO DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0500

DISTRICT OF COLUMBIA ★ KYLE U. OLIVER ★ 10/18/2023 ★ PROFESSIONAL ENGINEER ★ CIVIL

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S:\0001-1000\0626D - 5901 Utah Ave. NW - Field Eng\Land\construction documents\VC0626D_200.dwg, ~ Oct. 03, 2023 At 6:40:03 PM
LAYOUT: CIV0500 PUBLIC SPACE EXHIBIT, Plotted By: Lopez

DEPARTMENT OF ENERGY & ENVIRONMENT

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
PLANS APPROVED
Permit No. SH2400039
Date 04/09/24

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HPRB Review - Timothy Dennee - 04-09-2024
DC Water - Alan Walker - 04-05-2024
Structural Review - Tong Li - 04-09-2024
DOEE SE-SW Review - Saba Gharavi - 04-09-2024

STORMWATER MANAGEMENT NARRATIVE:

STORMWATER MANAGEMENT FOR THESE PROPOSED ATHLETIC FIELD AND PARKING LOT WILL BE ACHIEVED BY PROVIDING DETENTION STORAGE THROUGH A GRAVEL AREA AND A LARGE STORAGE PIPE AND INSTALLING A BIO-RETENTION FACILITY. THE EXISTING INFILTRATION FACILITY FOR THE PREVIOUSLY CONSTRUCTED "MEDIA CENTER" WILL BE REMOVED AND THE WATER WILL BE TREATED IN THE PROPOSED BIO-RETENTION FACILITY.

ATHLETIC FIELD DETENTION REQUIREMENT:

PER SECTION 2.12.3 OF THE STORMWATER MANAGEMENT GUIDEBOOK JANUARY 2020, AN ATHLETIC FIELD THAT HAS:

- PRE-PROJECT LAND DISTURBANCE THAT IS COMPACTED COVER
- THE ATHLETIC SURFACE IS LOCATED AT A SCHOOL OR PUBLIC PARK AND IS AVAILABLE FOR USE BY THE GENERAL PUBLIC

SHALL MEET THE 2 AND 15 YEAR POST DEVELOPMENT PEAK DISCHARGE REQUIREMENTS FOR MAJOR LAND-DISTURBANCE.

THROUGH THE BOARD OF ZONING ADJUSTMENTS, THESE ATHLETIC FIELDS WILL BE OPEN TO THE GENERAL PUBLIC, AND THUS, SHALL MEET THE 2 AND 15 YEAR REQUIREMENTS.

ATHLETIC FIELD DETENTION PROVIDED:

DUE TO THE EXISTING SITE'S GRADES AND RETAINING WALL RESTRICTIONS, A LEVEL OR CROWNED FIELD COULD NOT BE BUILT. THEREFORE, THE FIELD SLOPES AT APPROXIMATELY 1.4% FROM NORTHWEST TO SOUTHEAST. THE PROPOSED ARTIFICIAL TURF FIELD SHALL HAVE A STONE LAYER WITH UNDERDRAINS WHICH WILL DRAIN TO A LARGE GRAVEL RESERVOIR. THIS GRAVEL RESERVOIR IN THE SOUTHERN PART OF THE FIELDS TAKES THE PLACE OF A UNIFORM GRAVEL LAYER UNDER THE ENTIRE FIELD DUE TO THE SLOPING NATURE OF THE FIELD. THIS GRAVEL STRUCTURE/RESERVOIR IS 22,000 SF AND 4' DEEP, GIVING 88,000 CF OF WATER STORAGE. WITHIN THE GRAVEL RESERVOIR LARGE PERFORATED PIPES WILL DRAIN INTO A CONCRETE JUNCTION BOX WITH ADDITIONAL STORAGE IN A 60" DIAMETER PIPE. THIS JUNCTION BOX WILL HAVE A WEIR WALL AND A 3" ORIFICE WHICH SHALL RELEASE THE 1.2" STORM IN APPROXIMATELY 43 HOURS.

BIO-RETENTION FACILITY

DUE TO THE AMOUNT OF LAND DISTURBANCE, THE BIO-RETENTION FACILITY HAS BEEN DESIGNED TO MEET THE RETENTION OF A 1.2'STORM EVENT. THE SURFACE AREA OF THE PARKING LOT SHALL ALL BE DRAINED INTO THE BIO-RETENTION FACILITY. ADDITIONAL AREAS ARE ALSO PROVIDED TO BE DRAINED INTO THIS BIO-RETENTION.

- THE NORTHWEST AREA WHERE THE HERITAGE TREES WERE RELOCATED HAS BEEN GRADED AND DRAINAGE PROVIDED TO THE BIO-RETENTION FACILITY
- A SMALL AREA OF OFF-SITE IMPERVIOUS WAS ALSO ADDED AS CONTRIBUTING DRAINAGE AREA FOR THE BIO-RETENTION FACILITY

REMOVAL OF PREVIOUSLY APPROVED INFILTRATION FACILITY

INFILTRATION FACILITY #517-0-1 WAS INSTALLED WITH THE 2002 CONSTRUCTION OF THE MEDIA CENTER BUILDING. THE CIVIL PLAN SHOWING THIS FACILITY AND CALCULATIONS HAS BEEN INCLUDED WITH THIS SET. THIS INFILTRATION FACILITY WILL BE REMOVED WITH THE CONSTRUCTION OF THE ATHLETIC FIELDS. THE EXISTING DRAIN PIPE LEADING TO THE INFILTRATION FACILITY FROM THE ROOF LEADERS OF THE MEDIA CENTER SHALL BE INTERCEPTED WITH A PROPOSED MANHOLE AND THIS STORMWATER WILL BE DIVERTED TO THE BIO-RETENTION FACILITY. THE CALCULATED 389 CF OF DETENTION DESIGNED FOR THIS INFILTRATION FACILITY SHALL BE ABSORBED BY THE PROPOSED BIO-RETENTION.

STORMWATER MANAGEMENT LEGEND:

PROPOSED DRAINAGE DIVIDE

LIMITS OF DISTURBANCE — LOD

PROPOSED STORM DRAIN OUTFALL — XX"SD

PROPOSED BIORETENTION

7718-1-1 CDA

7718-1-1 OFF SITE CDA

7718-1-2 CDA

COMPACT COVER WITHIN A CDA

VEHICULAR ACCESS AREAS

CONCRETE SIDEWALK

PROPOSED HISTORIC BOUNDARY

CDA NORTHWEST
UNCONTROLLED
2,328 COMP

7718-1-3
HERITAGE TREE
PRESERVATION
#386 – 43" DBH
LIRIDENDRON
TULIPIFERA
(TULIPTREE)

7718-1-3
HERITAGE TREE
PRESERVATION
#393 – 43" DBH
LIRIDENDRON
TULIPIFERA
(TULIPTREE)

7718-1-3
HERITAGE TREE
PRESERVATION
#391 – 39" DBH
PRUNUS SEROTINA
(BLACK CHERRY)

7718-1-1
CDA BIO-A
7502 SF
COMPACT COVER

7718-1-3
HERITAGE TREE
PRESERVATION
#380 – 36" DBH
ACER RUBRUM
(RED MAPLE)

7718-1-3
HERITAGE TREE
PRESERVATION
#363 – 34" DBH
PAULONIA
TOMENTOSA
(ROYAL
PAULONIA)

CDA NORTHEAST
267 SF IMP
2,694 SF COMP
2,961 SD TOTAL

7718-1-2
CDA FIELD
13,916 SF COMP
3,419 SF IMP
130,013 SF BMP
147,348 SF TOTAL

7718-1-1
OFFSITE-CDA BIO-B
3,468 SF
3,468 IMP

UNCONTROLLED AREA
4,807 SF
1,232 IMP
3,575 CC

7718-1-1
CDA BIO-B
1,190 SF
291 IMP
899 CC

EXISTING PREVIOUSLY APPROVED INFILTRATION PIT #517-0-1 SHALL BE REMOVED THE 389 CF OF DETENTION SHALL BE ABSORBED BY THE PROPOSED BIO-RETENTION FACILITY.

AT&T LOT 832
SQUARE 2319
213,964 SQ.FT. OR 4.91194 ACRES (R)

7718-1-1
CDA BIO-D
21,988 SF IMP
1,767 SF CC
2,786 SF BMP
26,541 SF TOTAL

7718-1-2
LIMITS OF 4' DEEP
DOUBLE WASHED #57
GRAVEL DETENTION
RESERVOIR

7718-1-3
HERITAGE TREE
PRESERVATION
#353 – 39" DBH
PRUNUS SEROTIN
(BLACK CHERRY

CDA EAST
17,326 COMP

7718-1-1
BIO-R
2786 SF

CHECK DAMS
W/ SPLASH
PADS

UTIL TRENCH ONLY
1,261 SF

UTIL TRENCH ONLY
493 SF

7718-2
PROW NEB D
286 SF IMP
482 SF COMP
768 SF TOTAL

UTAH AVENUE NW
WIDTH VARIES
PUBLIC ROADWAY

AT&T LOT 831
SQUARE 2319
97,961 SQ.FT. OR 2.2488 ACRES (R)

7718-1-1
OFF SITE
CDA BIO-C
2,223 SF
IMPERVIOUS

7718-1-3
HERITAGE TREE
PRESERVATION
#323 – 35" DBH
PINUS STROBUS
(EASTERN WHITE PINE)

EXISTING BUILDINGS, PEDESTRIAN TUNNELS, PARKING LOTS, TREES, AND OTHER ELEMENTS WITHIN THE SHADED AREA ARE NOT INCLUDED IN APPLICATION AND SHALL REMAIN (THIS AREA IS UNDER DOEE #7362)

NEBRASKA AVENUE NW
90' WIDE
PUBLIC ROADWAY

7718-2
CDA NEB 1
596 SF IMP
16,730 SF COMP
17,326 SF TOTAL

7718-2
PROW NEB B
443 SF IMP
248 SF COMP
691 SF TOTAL

7718-2
PROW NEB A
1,973 SF IMP
831 SF COMP
2,804 SF TOTAL

7718-2-1
SMALL TREE
PLANTING

7718-2
PROW NEB C
561 SF

APPROX. VERIZON RESIDENTIAL LINE

15' BUILDING RESTRICTION LINE

NOTE: IF A TREE DIES, IT MUST BE REPLACED BY A TREE OF SIMILAR MATURE SPREAD NO LONGER THAN 6 MONTHS FROM DEATH IN AN APPROPRIATE LOCATION

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.

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

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

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SQUARE 2319, LOT 832
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STORMWATER MANAGEMENT PLAN

VIKA CAPITOL REVISIONS

#	DATE	DESCRIPTION

2-8-11-24 DOEE RESUB
1-8-8-24 DDOT/DOEE RESUB

DATE: 23-FEB-2023
DES. KUO DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0600

DISTRICT OF COLUMBIA
BLAKE U. OLIVER
PE900770
CIVIL
PROFESSIONAL ENGINEER

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S:\0000-1000\0626D - 5901 Utah Ave. NW - Prelim Eng\Land\Construction documents\VC0626D_200.dwg - Oct 19, 2023 AT 3:46:56 PM

LAYOUT: CIV0600 SWM PLAN, Plotted By: Lopez

DEPARTMENT OF ENERGY & ENVIRONMENT

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
PLANS APPROVED
Permit No. SH2400039 Date 04/09/24

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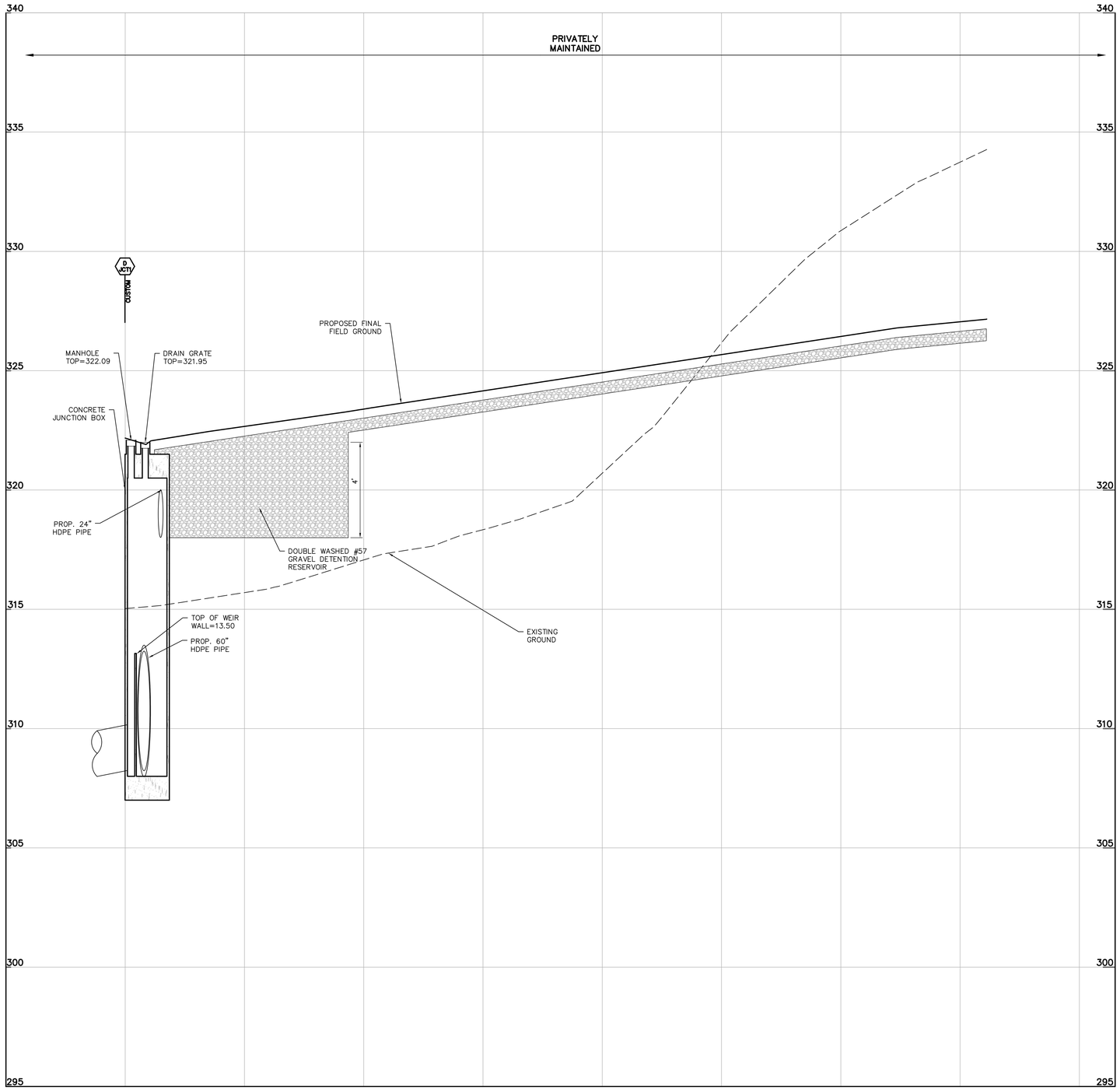

FIELD SECTION 1
HORIZ. 1"=20
VERT. 1"=2

TEST PIT

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FIELD SECTION

VIKA CAPITOL REVISIONS

#	DATE	DESCRIPTION

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DISTRICT OF COLUMBIA
KYLE U. OLIVER
PE900770
10/8/2023
CIVIL
PROFESSIONAL ENGINEER

DATE: 23-FEB-2023
DES. KUO DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0620

S:\0001-1000\0626D - 5901 Utah Ave. NW -Final Eng\cadd\construction documents\VC0626D_400.dwg, - Mar 30, 2023 AT 11:26:55 AM

LAYOUT: CIV0620, Plotted By: merkel

DEPARTMENT OF ENERGY & ENVIRONMENT

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

PROJECT: VC0626D - Athletic Fields
COMPUTED BY: BJR
SEDIMENT TRAP #1

SCALE = ELEV INTERVAL: AS SHOWN

STAGE VS STORAGE

ELEV FT	AREA SQ IN	AREA SQ FT	AREA SQ FT	H FT	VOL CU FT	TOT VOL CU FT	TOT VOL AC-FT	TOT VOL CU YD
312.00		5629			0	**0**	0.00	0.0
			6881.0	2.00				
314.00		8133			13762	**13762**	0.31593	509.7
		.	8133.0	0.50				
314.50		8133			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**

A TREE REMOVAL PERMIT FROM DDOT MUST BE GRANTED PRIOR TO CONSTRUCTION. CONTACT THE WARD ARBORIST RAJIT BABRA AT 202-507-2505 OR ranjit.babra@dc.gov TO DISCUSS REMOVAL AND PROTECTION.

LEGEND:

- LOD — LIMITS OF DISTURBANCE
- PUBLIC RIGHT-OF-WAY DISTURBANCE SOLEY FOR UTILITY TRENCH WORK
- (IP) INLET PROTECTION
- SF — (SF) SILT FENCE
- SSF — (SSF) SUPER SILT FENCE
- TP — (TP) TREE PROTECTION
- (SCE) STABILIZED CONSTRUCTION ENTRANCE
- (DD) TEMPORARY DIVERSION DIKE
- FS-18 — FILTER SOCK
- PROPOSED HISTORIC BOUNDARY

THIS SHEET IS FOR SEDIMENT AND EROSION CONTROL ONLY

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

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 VIKA CAPITOL (202 244-4140) AT LEAST 48-HOURS IN ADVANCE OF ALL PRE-CONSTRUCTION, INSPECTION OR FINAL REVIEW MEETINGS WITH DOEE STAFF.

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 BIORETENTION IMPROVEMENTS.

SEDIMENT TRAP MAINTENANCE & CONVERSION NOTES

- INSPECT TEMPORARY SEDIMENT TRAPS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (0.5-INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY.
- SEDIMENT AND DEBRIS MUST BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT ACCUMULATES TO THE CLEANOUT ELEVATION (50% OF THE WET STORAGE DEPTH)
- REMOVED SEDIMENT MUST BE DEPOSITED IN AN APPROVED AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE POINTS OF INFLOW AND OUTFLOW AS WELL AS THE INTERIOR OF THE TRAP MUST BE CLEARED OF ANY ACCUMULATED DEBRIS AND KEPT FREE OF EROSION.
- THE EMBANKMENTS MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION 2.10 VEGETATIVE STABILIZATION.
- REMOVE ANY TREES, BRUSH, OR OTHER WOODY VEGETATION GROWING ON THE EMBANKMENT OR NEAR THE PRINCIPAL SPILLWAY. MAINTAIN THE LINE, GRADE, AND CROSS SECTION.
- REMOVE THE SEDIMENT TRAP FOLLOWING THE APPROPRIATE STABILIZATION OF THE SITE
- ALL SEDIMENT DEPOSITS MUST BE CAREFULLY REMOVED AND DISPOSED PROPERLY
- REMOVE ALL TEMPORARY SEDIMENT TRAPS AND GRADE AND STABILIZE THE AREAS OCCUPIED BY THE TRAPS. SILT FENCE OR OTHER SEDIMENT CONTROL DEVICES MAY BE REQUIRED DURING TRAP REMOVAL.
- WHEN THESE TRAPS ARE REMOVED, REMOVE THE WET SOIL AROUND THE TRAPS TO FACILITATE COMPACTION. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS, AND STABILIZE PROPERLY.
- ONCE THE TRAP HAS BEEN REMOVED, THE LOCATION MUST MEET THE SOIL COMPACTION AND REQUIREMENTS FOR THE PROPOSED PERMEABLE PAVEMENT/ARTIFICIAL TURF

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.

A TEMPORARY DISCHARGE PERMIT FROM DC WATER WILL BE OBTAINED BY THE CONTRACTOR FOR ANY STORMWATER DISCHARGE FROM DEWATERING.
CONTACT PATRICK DONOHUE OF DOEE AT 202-671-2466 OR PATRICK.DONOHUE2@DC.GOV TO OBTAIN A GROUNDWATER DISCHARGE AUTHORIZATION LETTER FOR PORTABLE SEDIMENT TANK DISCHARGE TO THE MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). ALTERNATIVE EMAIL: MS4DISHARGEAUTHORIZATION@DC.GOV

NOTES:
- SOILS: BtB – 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

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
PLANS APPROVED
Permit No. SH2400019 Date 04/09/24

These plans are conditionally approved as submitted or noted during plan review and are 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

HPRB Review - Timothy Dennee - 04-09-2024
Zoning Review - Ernesto Warren - 04-09-2024
Structural Review - Tong Li - 04-09-2024
DOEE SE-SW Review - Saba Gharavi - 04-09-2024

VIKA CAPITOL
ENGINEERS ★ PLANNERS ★ LANDSCAPE ARCHITECTS ★ SURVEYORS ★ GEOMATICS
PROJECT COORDINATOR: BRIAN RUHL
ruhl@vikacapitol.com
★ VIKA CAPITOL, LLC ★ 4910 MASSACHUSETTS AVENUE, NW SUITE 16 ★ WASHINGTON, DC 20016 ★ PHONE: 202.244.4140 ★ WWW.VIKACAPITOL.COM ★

MARET SCHOOL PROPOSED ATHLETIC FIELDS

SQUARE 2319, LOT 832
5901 UTAH AVE NW
WASHINGTON, D.C. 20015

SEDIMENT AND EROSION CONTROL PLAN

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DISTRICT OF COLUMBIA — KYLE U. OLIVER — PE900770 — 10/18/2023 — CIVIL — PROFESSIONAL ENGINEER

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

VIKA CAPITOL REVISIONS

#	DATE	DESCRIPTION
2	8-11-23	DOEE RESUB
1	6-6-23	DDOT/DOEE RESUB

DATE: 23-FEB-2023
DES. KUO DWN. BJR
SCALE: AS SHOWN
PROJECT/FILE NO. VC0626D
SHEET NO. CIV0700

LAYOUT: CIV0700 SEC PLAN, Plotted By: ruhl
S:\0001-1000\0626D – 5901 Utah Ave. NW –Final Eng\cadd\construction documents\VC0626D_200.dwg, ~ Aug 11, 2023 AT 11:53:26 AM