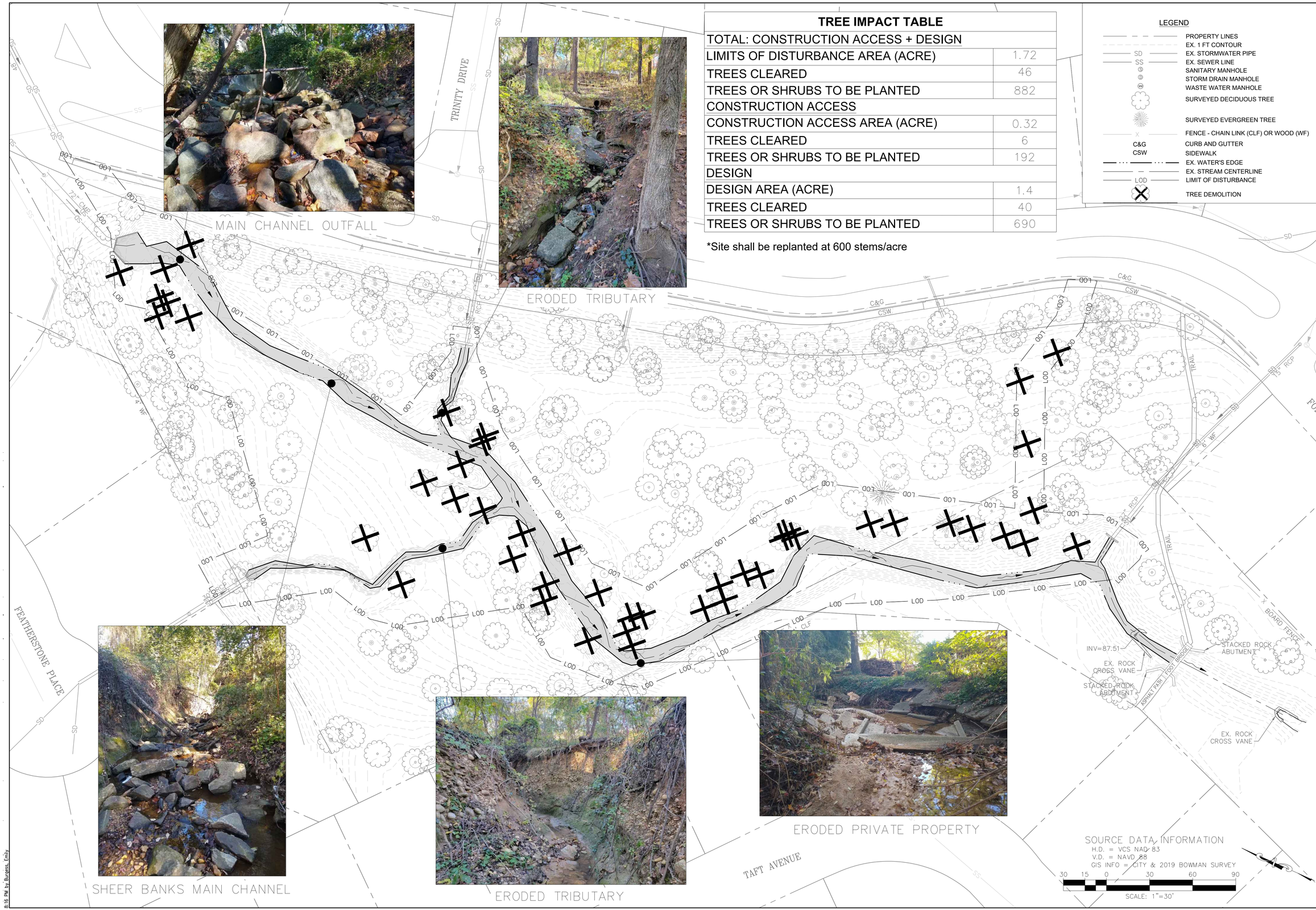


TREE IMPACT TABLE	
TOTAL: CONSTRUCTION ACCESS + DESIGN	
LIMITS OF DISTURBANCE AREA (ACRE)	1.72
TREES CLEARED	46
TREES OR SHRUBS TO BE PLANTED	882
CONSTRUCTION ACCESS	
CONSTRUCTION ACCESS AREA (ACRE)	0.32
TREES CLEARED	6
TREES OR SHRUBS TO BE PLANTED	192
DESIGN	
DESIGN AREA (ACRE)	1.4
TREES CLEARED	40
TREES OR SHRUBS TO BE PLANTED	690

*Site shall be replanted at 600 stems/acre

LEGEND

- PROPERTY LINES
- EX. 1 FT CONTOUR
- SD — EX. STORMWATER PIPE
- SS — EX. SEWER LINE
- SANITARY MANHOLE
- STORM DRAIN MANHOLE
- WASTE WATER MANHOLE
- SURVEYED DECIDUOUS TREE
- SURVEYED EVERGREEN TREE
- X — FENCE - CHAIN LINK (CLF) OR WOOD (WF)
- C&G — CURB AND GUTTER
- CSW — SIDEWALK
- EX. WATER'S EDGE
- EX. STREAM CENTERLINE
- LOD — LIMIT OF DISTURBANCE
- TREE DEMOLITION

SOURCE DATA INFORMATION
H.D. = VCS NAD 83
V.D. = NAVD 88
GIS INFO = CITY & 2019 BOWMAN SURVEY

30 15 0 30 60 90
SCALE: 1"=30'

CONCEPTUAL DESIGN

CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
301 KING ST., RM 3200
ALEXANDRIA, VA 22314

REVISIONS

DATE	BY	DESCRIPTION

CITY PROJECT NO.: T0-41
DATE OF PLAN ISSUANCE: XX/XX/XX
CONSULTANT PROJECT ID.: 60668730
DESIGNED BY: BWA DATE: 12/17/21
DRAWN BY: ST DATE: 12/17/21
CHECKED BY: CRW DATE: 12/17/21
APPROVED BY: MBH DATE: 12/17/21

SEAL:

STRAWBERRY RUN INFRASTRUCTURE PROTECTION

BIOENGINEERING DESIGN – EXISTING CONDITIONS

URS
12420 MILESTONE CENTER DR., SUITE 150
GERMANTOWN, MD 20876
(301) 820-3000

DRAWING

SCALE 1"=30'

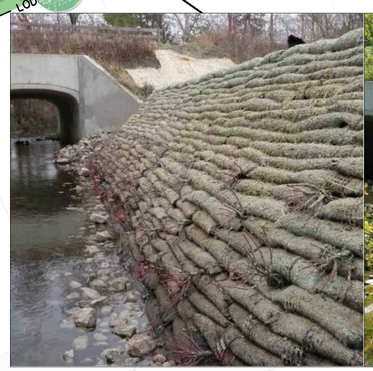
SHEET 1 OF 2

8:16 PM by Burgess, Emily

RIPRAP PLUNGE POOL

CONSTRUCTION ACCESS ROAD 1
STRAWBERRY RUN
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
8+13
PROPOSED DROP STRUCTURE
PROPOSED 30" RCP STORM
PROPOSED PLUNGE POOL
LIMITS OF DISTURBANCE
VEGETATED WALL
PROPOSED PLUNGE POOL
PROPOSED 48" RCP STORM
PROPOSED DROP STRUCTURE
FILL EXISTING CHANNEL
TEMPORARY STREAM CROSSING
VEGETATED WALL
CONSTRUCTION ACCESS ROAD 2
VEGETATED WALL
LOD
PEARLSTONE PLACE

NOTES:
1. VEGETATED WALL SHALL BE COMPOSED OF PERMANENT SEEDED BAGS OR EQUIVALENT AND ANCHORED IN PLACE.



VEGETATED WALL EXAMPLE (RECENTLY INSTALLED)

VEGETATED WALL EXAMPLE (1-2 YEARS POST-CONSTRUCTION)

SOURCE DATA INFORMATION
H.D. = VCS NAD 83
V.D. = NAVD 88
GIS INFO = CITY & 2019 BOWMAN SURVEY
30 15 0 30 60 90
SCALE: 1"=30'

CONCEPTUAL DESIGN

CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
301 KING ST., RM 3200
ALEXANDRIA, VA 22314

REVISIONS
DATE | BY | DESCRIPTION

CITY PROJECT NO: T0-41
DATE OF PLAN ISSUANCE: XX/XX/XX
CONSULTANT PROJECT ID.: 60668730
DESIGNED BY: BWA DATE: 12/17/21
DRAWN BY: ST DATE: 12/17/21
CHECKED BY: CRW DATE: 12/17/21
APPROVED BY: MBH DATE: 12/17/21

SEAL:

STRAWBERRY RUN INFRASTRUCTURE PROTECTION
BIOENGINEERING DESIGN – PROPOSED CONDITIONS

URS
NORTH HILTON, 9200 SUITE 300
GREENSBORO, NC 27409
(336) 852-3080

DRAWING
GP-01
SCALE 1"=30'
SHEET 2 OF 2

by Burgess, Emily