BORDER REV. DATE: SEPTEMBER 6, 2017

LEGEND
30% PLAN GEORGE T.SNYDER TRAIL ALIGNMENT
PROPOSED BOARDWALK
PROPOSED BRIDGE STRUCTURE
EXISTING PROPERTY LINES/ RIGHT-OF-WAY
RESOURCE PROTECTION AREA
2-YR FLOODPLAIN
10-YR FLOODPLAIN
BODY OF WATER
TRAIL INTERSECTION CROSSING IMPROVEMENTS PROPOSED BY VDOT
POROUS ASPHALT PAVEMENT
RANGER ROAD
BOARDWALK
BRIDGE A
RESOURCE PROTECTION AREA
RAIDER LANE
RESOURCE PROTECTION AREA
WILLOW WOOD PLAZA
EATON PLACE
ROUTE 123 (CHAIN BRIDGE ROAD)
BRIDGE B
ROUTE 50 (FAIRFAX BOULEVARD)
ACCOTINK CREEK
SHEET FLOW TO CONSERVED OPEN SPACE
RESOURCE PROTECTION AREA
PLANTATION PARKWAY
MOSBY WOODS DRIVE
RANGER ROAD
GEORGE T. SNYDER TRAIL
DRY SWALE (BIORETENTION)
BOARDWALK
BRIDGE C
RANGER ROAD PARK
STAFFORD DRIVE
ROUTE 50 (FAIRFAX BOULEVARD)
RESOURCE PROTECTION AREA
GRASS CHANNEL WITH COMPOST AMENDMENTS
ACCOTINK CREEK
DRAPER DR PARK
BOARDWALK
BRIDGE E
RAIN GARDEN
BRIDGE F
RESOURCE PROTECTION AREA
DRAPER
SPRING STREET
CAMPBELL DRIVE
ROUTE 50 (FAIRFAX BOULEVARD)
PATRIOT HARLEY DAVIDSON
WILCOXON TRAIL
ACCOTINK CREEK
Observation Well - Solid (no perforations when connected to Underdrain) or Perforated when used with infiltration design (No Underdrain) 4"-6" PVC
Permeable Pavement Surface Material
Curb Edge Restraint
Bedding Layer - 2"
Reservoir Layer
Sand filter layer or choker stone
PRETREATMENT AS REQUIRED
EXISTING GRADE
3:1 MAX
3:1 MAX
ENGINEERED SOIL MIX 24" MIN
MINIMUM 3" DEPTH CHOKER STONE
12 - 18" INFILTRATION SUMP
PERFORATED UNDERDRAIN ABOVE INFILTRATION SUMP
TURF, PAVEMENT OR OTHER LAND COVER
NON-EROSIVE AND WIDTH AS NEEDED TO KEEP FLOW WITHIN THE CHANNEL WITH FREEBOARD
SHEET FLOW
BUFFER OPEN SPACE
SHEET FLOW
3:1 SLOPE
3:1 SLOPE
PRETREATMENT AS REQUIRED
PRETREATMENT AS REQUIRED
COMPOST AMENDMENTS (BASED ON SOIL TYPES) WITH BIODEGRADABLE STABILIZATION BLANKET (AS NEEDED BASED ON FLOW VELOCITY)
WIDTH AS NEEDED TO MAINTAIN MAXIMUM ALLOWED TREATMENT VOLUME PEAK FLOW VELOCITY AND FLOW DEPTH
IMPERVIOUS ROADWAY OR PARKING
GRAVEL DIAPHRAGM
PERMEABLE BERM
Y
X
MAXIMUM SLOPE
WIDTH AS DETERMINED
NATIVE GRASSES AND SHRUBS
PONDING DEPTH (6" MAXIMUM)
PRETREATMENT
FILTER MEDIA RECOMMENDED DEPTH = 18" MIN DEPTH = 36" MAX
UNDERDRAIN

▨ PROPOSED CONSERVATION EASEMENT

☐ PROPOSED STORMWATER PRACTICE

100' 0 100' 200'
SCALE: 1"=100'

Stantec

CLIENT/PROJECT
CITY OF FAIRAX
GEORGE T. SNYDER TRAIL

CLIENT/PROJECT
30% PLAN
ALIGNMENT

PROJECT NO:
18022

FEBRUARY 14, 2020

BY: $USERNAME$
PLOTTED:$DATETIME$