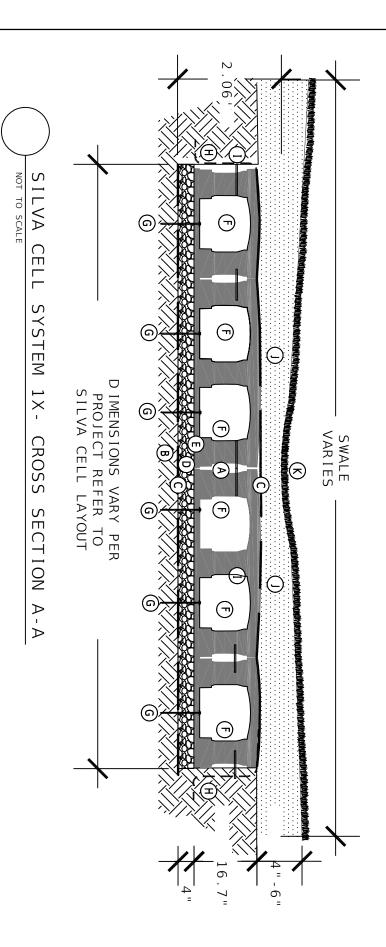


SILVA CELL SYSTEM 1X- PLAN VIEW



BENEF I TS

ALLOWS STORMWATER
INFILTRATION TO REPLENISH
THE FRESH WATER LENS BENEATH
THE GROUND

LIMITATIONS

- NOT INTENDED TO SOLVE WATER QUANTITY ISSUES; THUS, FLOODING WOULD NOT BE COMPLETELY ADDRESSED
- POTENTIAL LOSS OF PARKING IF BIOSWALES ARE PLACED IN RIGHT-OF-WAY AREAS CURRENTLY BEING USED BY PROPERTY OWNERS FOR PARKING.

YPLAN

- (A)SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (B) SUBGRADE, COMPACTED
- © GEOTEXTILE FABRIC
- $igoplus_0$ 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- ESILVA CELL BASE SLOPE, 10% MAX
- (F) EMPTY WATER DETENTION SPACE 'TANK'
- (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE
- (H) GEOGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
- () CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- DPLANTING SOIL REGRADED TO DIVERT WATER INTO SWALE INFILTRATION AREA
 (K) GRASS PLANTING IN SWALE INFILTRATION AREA
- DIRECTOR: ROY COLEY CITY MANAGER: JIMMY L. MORALES DITY ENGINEER:NELSON PEREZ-JACOME, P.E RAWN BY: ESIGN ENGINEER: APP'D. BY Date: **02/18/2020** Sheet **of** File Name: Bioswales 02-28-20.dwg Field Book: N/A Page: N/A Work Order: N/A

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