

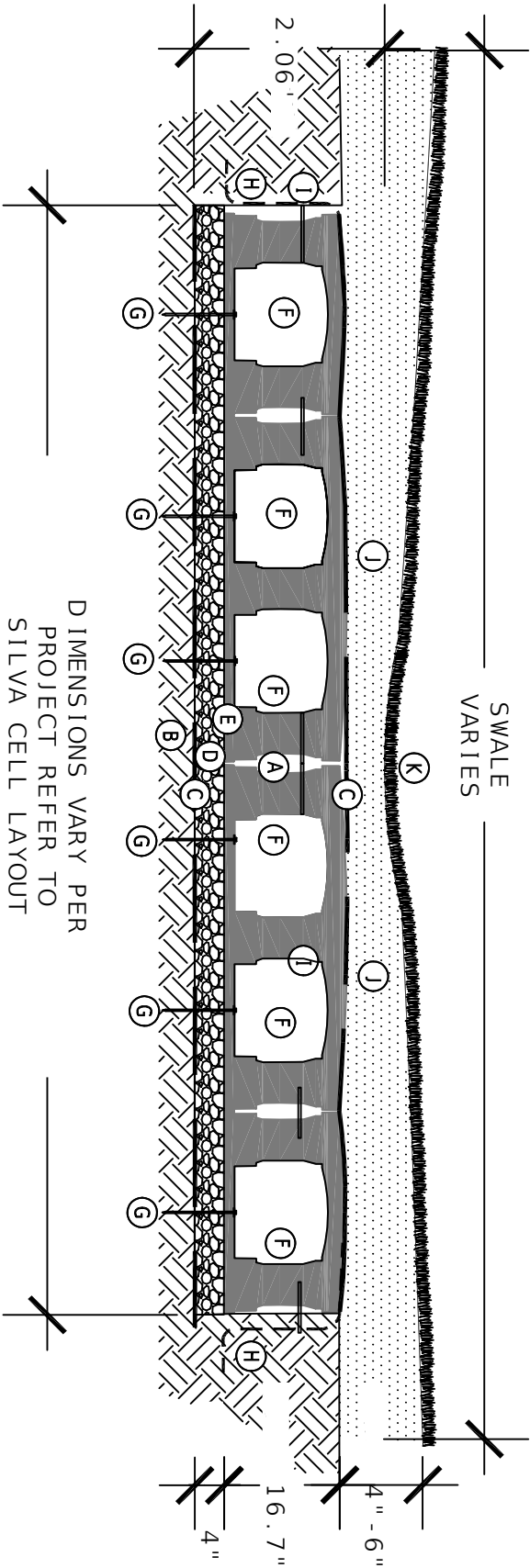
BENEFITS

- 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.

SILVA CELL SYSTEM 1X- PLAN VIEW



SILVA CELL SYSTEM 1X- CROSS SECTION A-A

KEY PLAN

- ➊ SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- ➋ SUBGRADE , COMPACTED
- ➌ GEOTEXTILE FABRIC
- ➍ 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- ➎ SILVA CELL BASE SLOPE , 10% MAX
- ➏ EMPTY WATER DETENTION SPACE 'TANK'
- ➐ ANCHORING SPIKES , CONTACT DEEPROOT FOR ALTERNATIVE
- ➑ GEOGRID , WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
- ➒ CABLE TIE , ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- ➓ PLANTING SOIL REGRADED TO DIVERT WATER INTO SWALE INFILTRATION AREA
- ➔ GRASS PLANTING IN SWALE INFILTRATION AREA