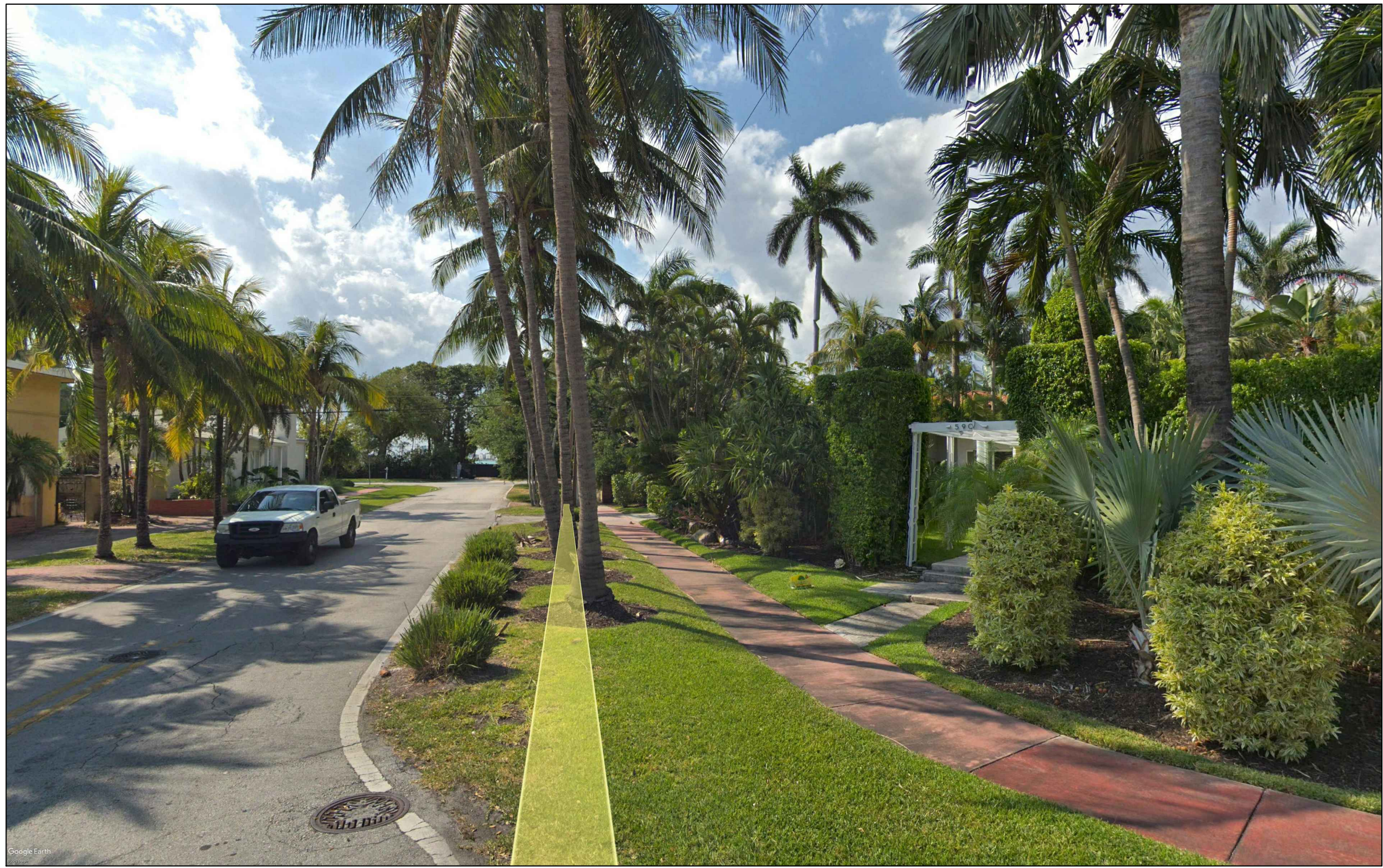




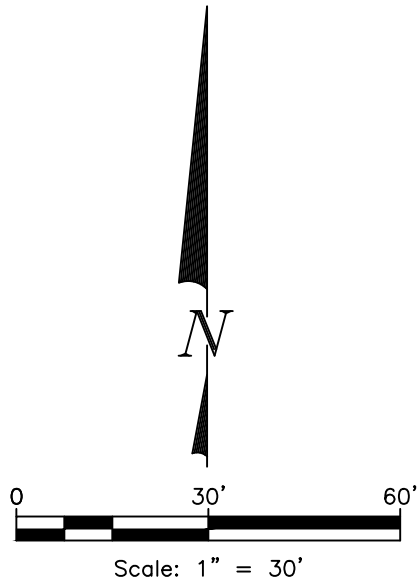
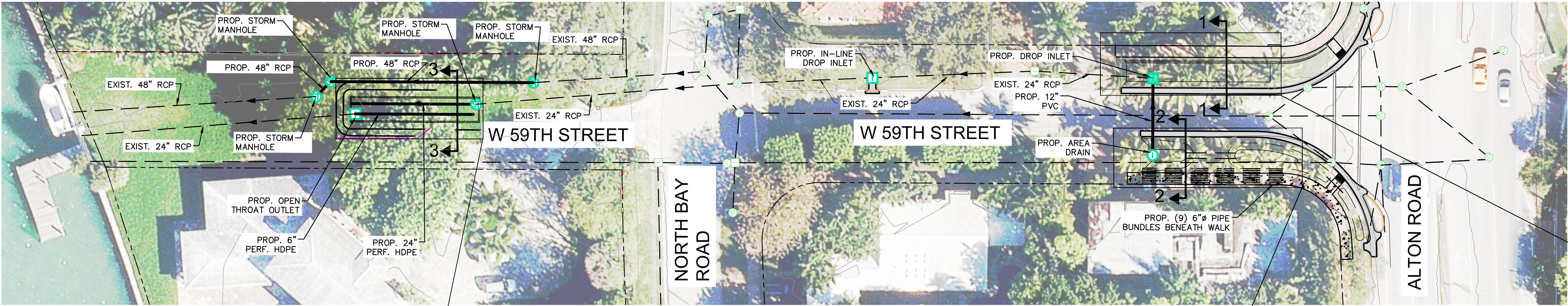
EXISTING CONDITIONS
(LOOKING WEST AT W. 59TH ST)



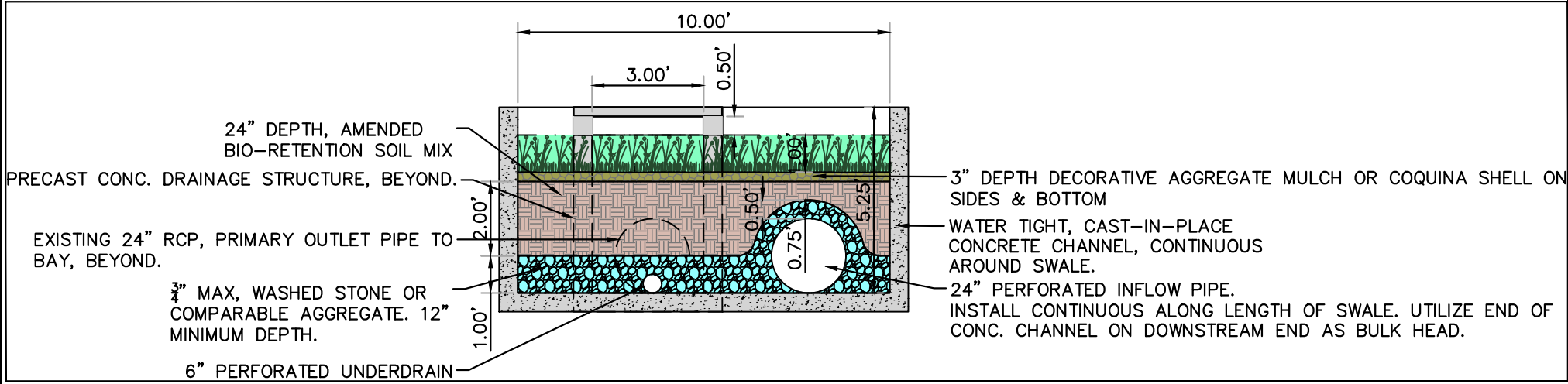
PROPOSED TYPE I BIOSWALE
(LOOKING WEST AT W. 59TH ST)

- BENEFITS
- Very effective in removing nutrients (nitrogen and phosphorus) and other pollutants from stormwater before it enters the bay
 - Allows stormwater to infiltrate into the ground and replenishes the fresh water lens beneath Miami Beach
 - Captures the first 1.5 inches of runoff from every rain event
 - Beautifies the area with attractive plantings
 - Uses a mixture of native plantings to minimize maintenance requirements

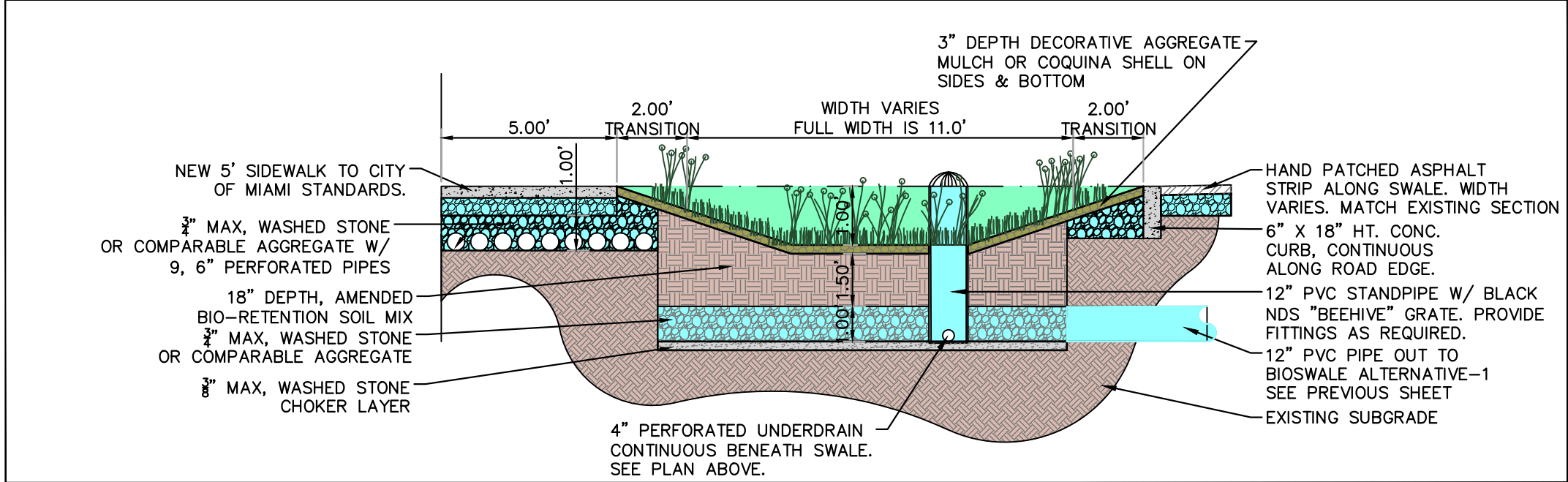
- LIMITATIONS
- Will not solve flooding in problem areas
 - Periodic maintenance is required (replacing the mulch layer) to maintain functionality
 - Large rain events (> 1.5 inches) will not be captured and will bypass the bioswales



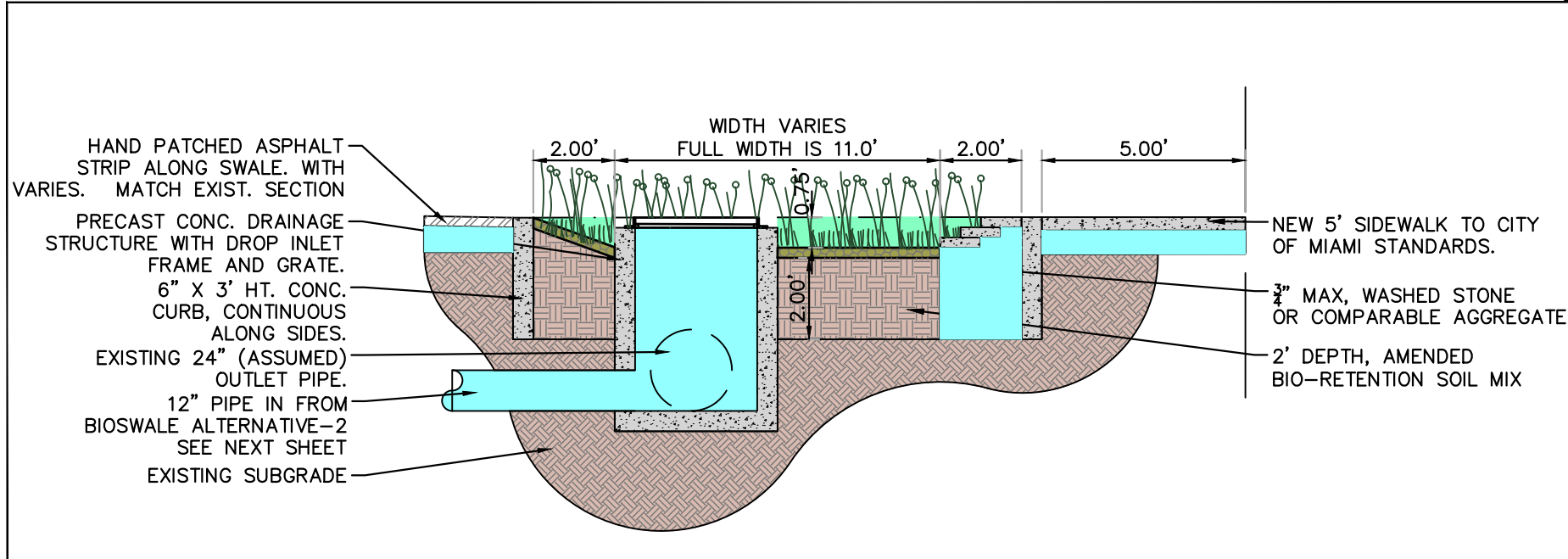
PLAN
SCALE: 1"=30' (22"x34")
1"=60' (11"x17")



TYPE III
SECTION 3
SCALE: 1"=4' (22"x34")
1"=8' (11"x17")



TYPE II
SECTION 2
SCALE: 1"=4' (22"x34")
1"=8' (11"x17")



TYPE I
SECTION 1-1
SCALE: 1"=4' (22"x34")
1"=8' (11"x17")