

L=51.06'(DEED)
 L=51.20'(SURVEY)
 Δ=048°53'29"
 CH BEARING=N82°23'43"E
 CH LENGTH=49.66'

FLOODPLAIN LINE/LIMIT OF
 MODERATE WAVE ACTION RUNS
 ALONG THE BULKHEAD AS SCALED
 FROM F.I.R.M. #34009C0242F

ZONE "AE"
 (BFE: 10.0)
 (NAVD 88)

ZONE "AE"
 (BFE: 9.0)
 (NAVD 88)

EXISTING 8" LATERAL

VOLUME OF EXISTING 8" LATERAL = $\pi \times \text{RADIUS SQUARED} \times \text{HEIGHT}$
 $= \pi \times 42 \times 97$
 $= 1552\pi$
 $= 4,875.75 \text{ CUBIC FEET}$

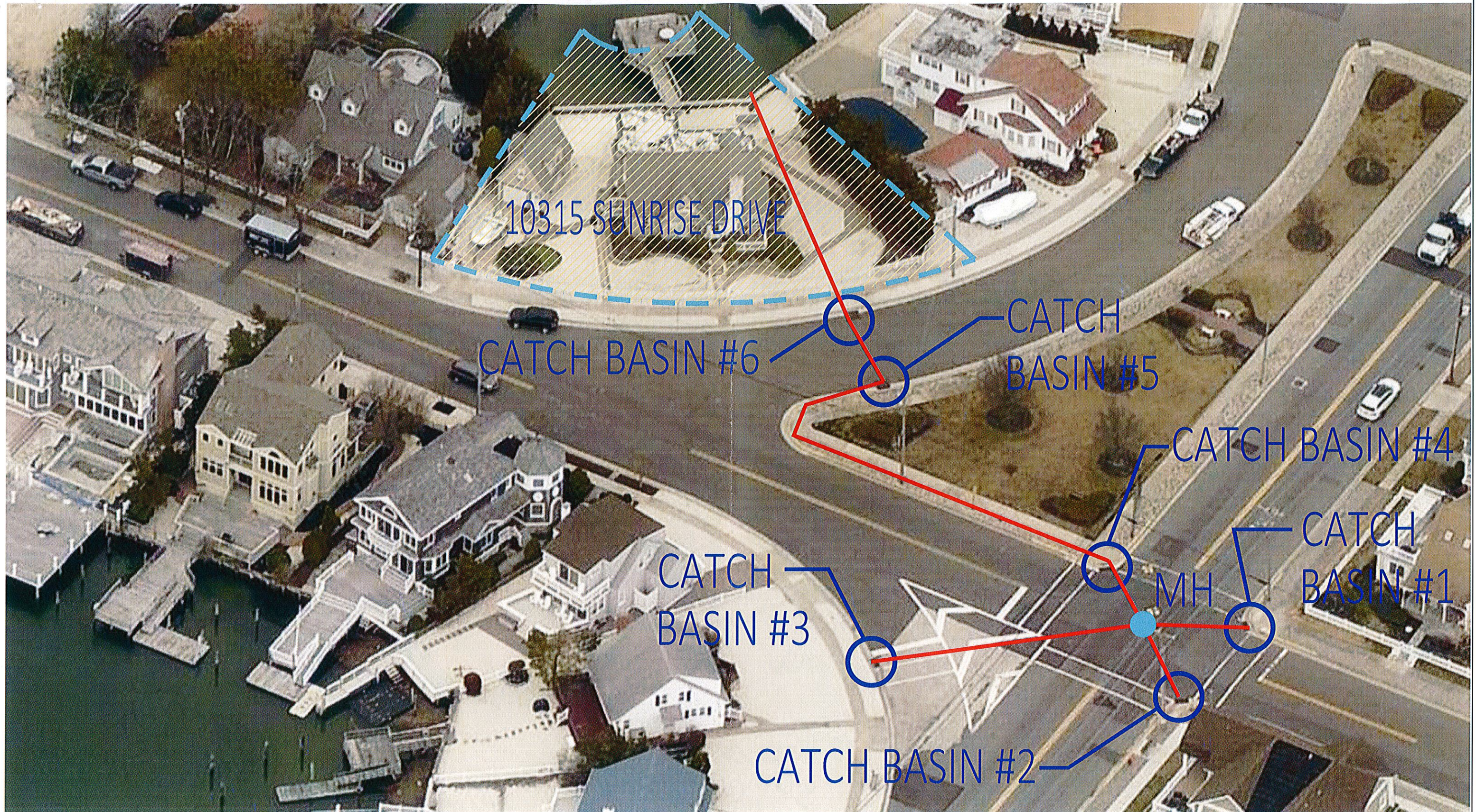
PROPOSED 16" LATERAL

VOLUME OF PROPOSED 16" LATERAL = $\pi \times \text{RADIUS SQUARED} \times \text{HEIGHT}$
 $= \pi \times 82 \times 220$
 $= 14080\pi$
 $= 44,233.62 \text{ CUBIC FEET}$

44,233.62 CUBIC FEET / 4,875.75 CUBIC FEET =
 9.07 TIMES THE EXISTING STORM WATER STORAGE

AI
 2/10/20
BSB
EV

Existing & Proposed Stormwater Laterals
 10315 Sunrise Drive
 Stone Harbor, New Jersey
 Block: 200.03 Lots: 531, 532, 533 & 534



Existing Stormwater Drainage Map
Area at 104th and Third Ave
Stone Harbor, New Jersey