Preliminary
Hydrology & Drainage Plan
Existing Conditions & Post Construction BMP

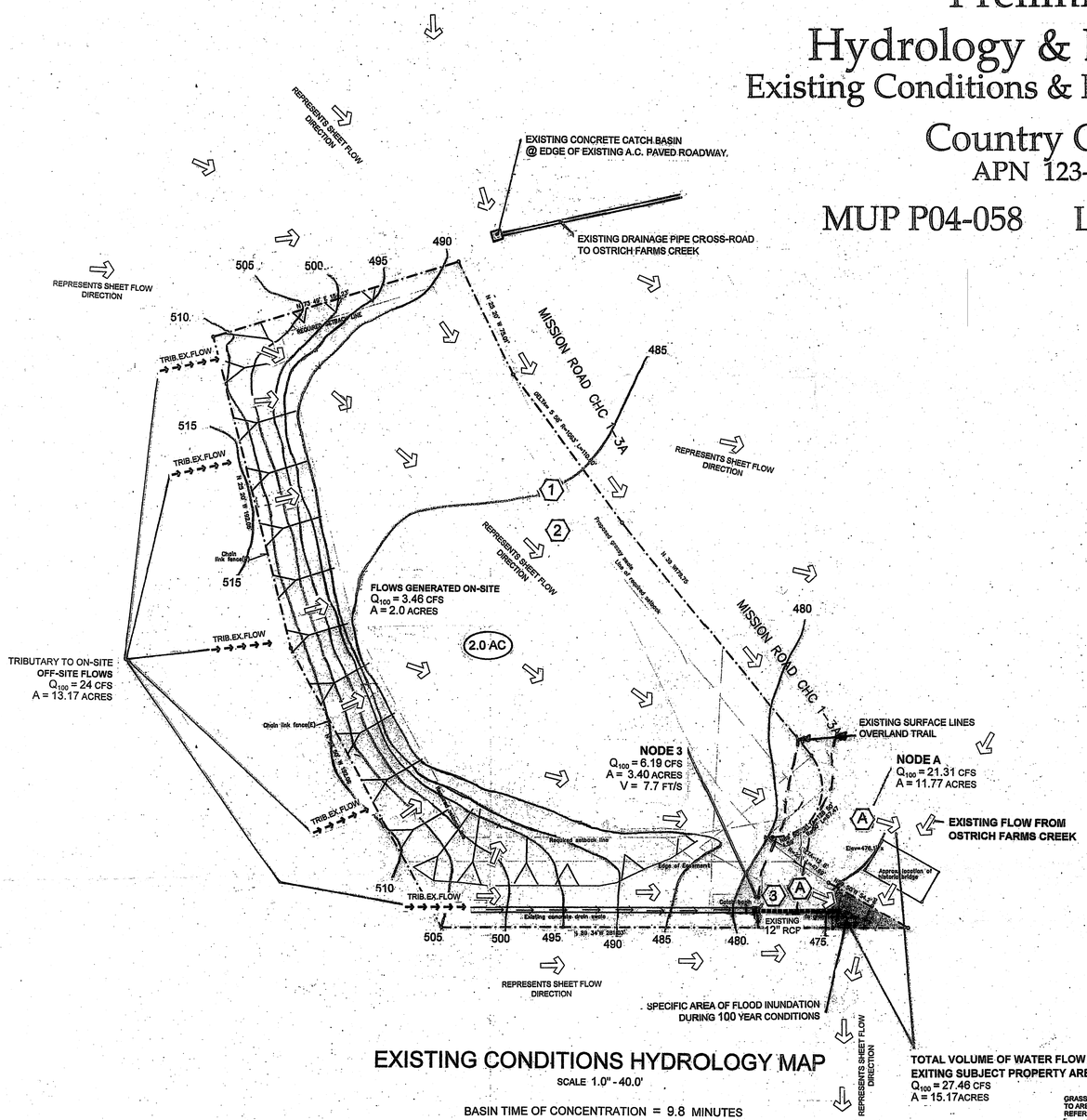
Country Gardens II
APN 123-010-52-00

MUP P04-058 Log No : 04-02-053

APN : 123-010-52-00
PARCEL MAP NO. 7295, LOT # 4
BUILDING FOOTPRINT AREA @ 16,320 SQUARE FEET
LOT AREA @ 87,120 SQUARE FEET
LOT COVERAGE @ 19%

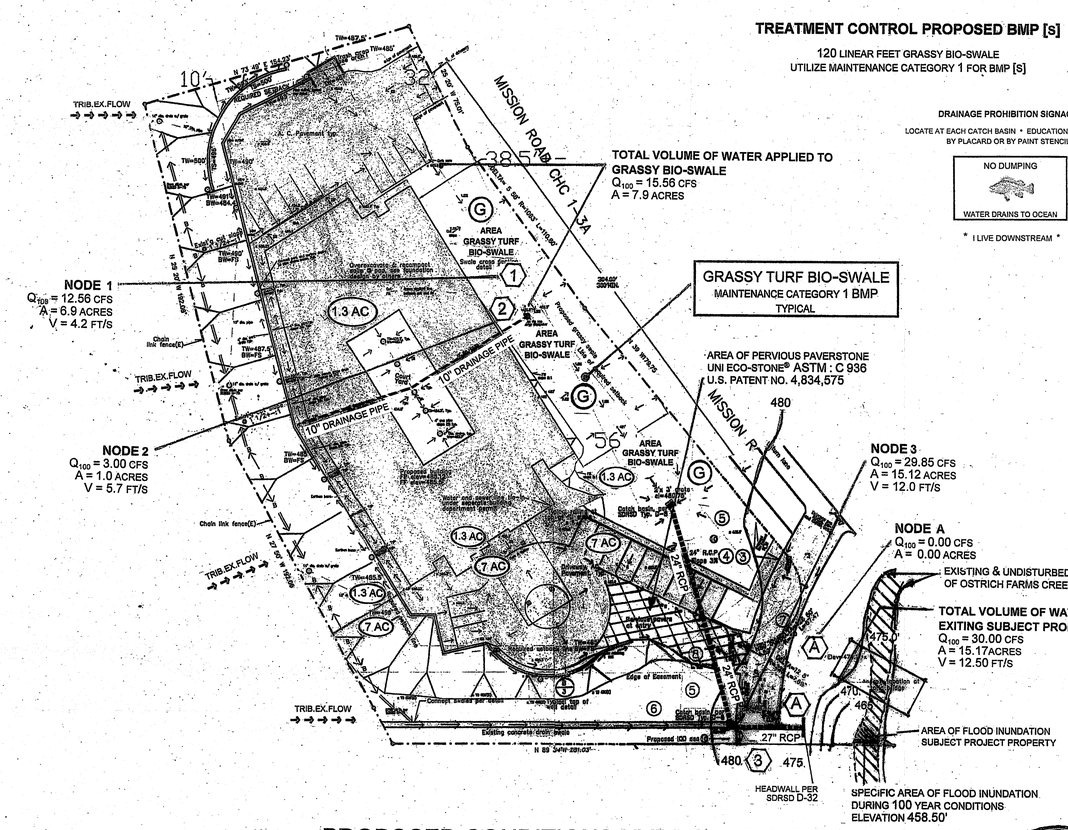
TREATMENT CONTROL PROPOSED BMP [S]

120 LINEAR FEET GRASSY BIO-SWALE
UTILIZE MAINTENANCE CATEGORY 1 FOR BMP [S]



EXISTING CONDITIONS HYDROLOGY MAP
SCALE 1.0" - 40.0'

BASIN TIME OF CONCRETE = 9.8 MINUTES



DRAINAGE PROHIBITION SIGNAGE

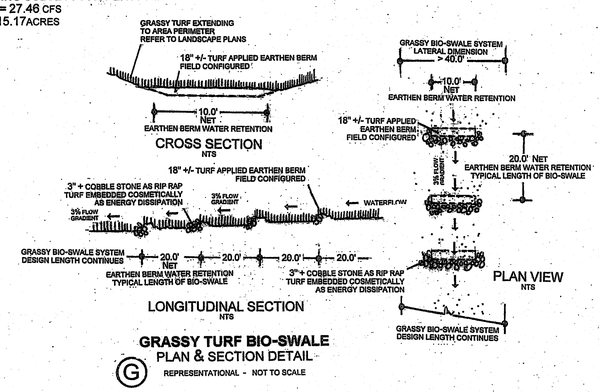
LOCATE AT EACH CATCH BASIN • EDUCATIONAL SIGNAGE BY PLACARD OR BY PAINT STENCIL

NO DUMPING
WATER DRAINS TO OCEAN

* I LIVE DOWNSTREAM *

PROPOSED CONDITIONS HYDROLOGY MAP & POST CONSTRUCTION BMP EXHIBIT
SCALE 1.0" - 40.0'

BASIN TIME OF CONCRETE = 9.8 MINUTES



GRASSY TURF BIO-SWALE
PLAN & SECTION DETAIL
REPRESENTATIONAL - NOT TO SCALE

HYDROLOGY LEGEND

- 2.0 AC — SUBJECT BASIN AREA
- TRIB.EX.FLOW — OFF-SITE DRAINAGE TRIBUTARY TO ON-SITE APPROXIMATELY 25% OF TOTAL EACH LOCATION A = 3.3 AC Q_{100} = 6 CFS
- 1 — STUDY DRAINAGE NODE
- SUBJECT IMPERVIOUS SURFACE AREAS
- AREA OF PERVIOUS PAVERSTONE UNI ECO-STONE® ASTM : C 936
- REPRESENTS DIRECTION DRAINAGE WATER SHEET FLOW

PLAN NORTH
SCALE 1.0" - 40.0'
0 10 20 40

REGISTERED PROFESSIONAL ENGINEER
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EXP. 06-30-09
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STATE OF CALIFORNIA

MUP P04-058 LOG No. 04-02-053

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TBMC REVISIONS: 06 @ 08.17.07