

**DRAINAGE –STORM SEWER – DETENTION POND
AS BUILT CERTIFICATION REQUIREMENTS
FOR SITE GRADING AND STORMWATER MANAGEMENT BOND
CITY OF KENTWOOD**

DRAINAGE / SITE GRADING

Visual - design surface grades

STORM SEWER

Visual - type of pipe (same n factor)
Tape measurement - size, lengths, location
Instrument - top of casting / inverts

DETENTION POND

Visual - same castings as approved
- fabric under erosion control
- erosion control is toed in
- matting was used on bank and bottom
- fabric under spillway
Tape measurement - top, bottom, bank width of pond
- release pipe and spillway
- dimensions of erosion control
Instrument - invert of outlet
- top of spillway
- top and bottom of bank
Calculate - bank slopes (1 on 4 is steepest)
- bottom grades (2% is minimum, if low flow channel, 0.6%)

FLOODWAYS

Tape measurement - within easement
- cross section
Instrument - invert

NEED:

As Built Mylar
Date of Field Investigation _____
Certification As Follows:

I certify that the above measurements and observations have been made and that process allows me to state that the as-built mylar being transmitted herewith is in conformance to the approved design

Registration #

**DO NOT CERTIFY IF CONSTRUCTION DOES NOT EQUAL APPROVED DESIGN
OR IF PROFESSIONAL ENGINEERING STANDARDS APPLIED TO THIS SITE
CREATE A NON WORKABLE FACILITY**