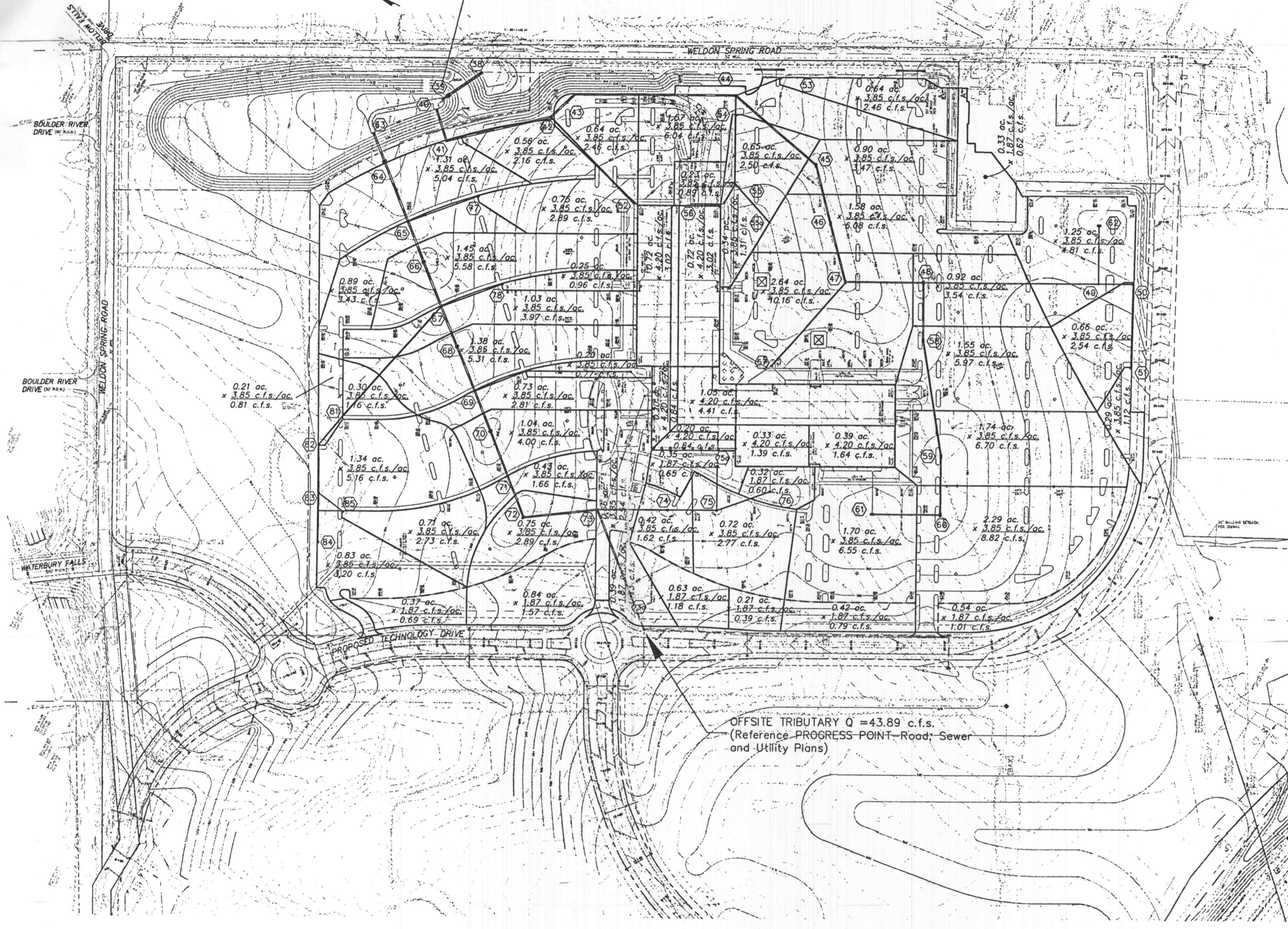
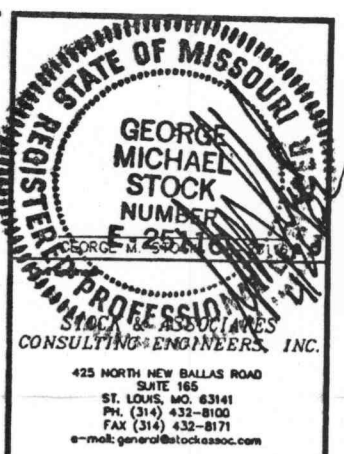


Q = 0.62 cfs
 Slope = 0.0044' / ft.
 n = 0.035
 A = 0.69 sq. ft.
 R = 0.19 ft.
 R^{2/3} = 1.50
 S^{1/2} = 0.07
 W.P. = 3.58 ft.
 V = 0.93 fps

NOTE:
 REFER TO DETENTION BASIN REPORT FOR
 BASIN ROUTING AND TOTAL RUNOFF TO
 PRINCIPAL SPILLWAY



OFFSITE TRIBUTARY Q = 43.89 c.f.s.
 (Reference PROGRESS POINT Road, Sewer
 and Utility Plans)



Forum Studio
 Structural Engineer
 Alper Audi
 Fire Protection Engineer
 Planning Engineer
 Mechanical Engineer
 Electrical Engineer

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 Progress Point O'Fallon, MO

DRAWING ISSUE / REVISION	Date
PROGRESS SET 1	01-07-02
FOR BID/PERMIT Pkg (INFORMATION ONLY)	01-16-02
ISSUE	01-31-02
PROGRESS SET 3	03-15-02
CITY COMMENTS	04-18-02
CITY COMMENTS	04-25-02

The Professional Engineers seal affixed to this sheet indicates that the named Engineer has prepared or directed the preparation of the material shown only on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.

DRAINAGE AREA PLAN
C12
 Scale 1" = 80'
 Des By P.K.B. Check By J.B.H.
 Date 1-31-02