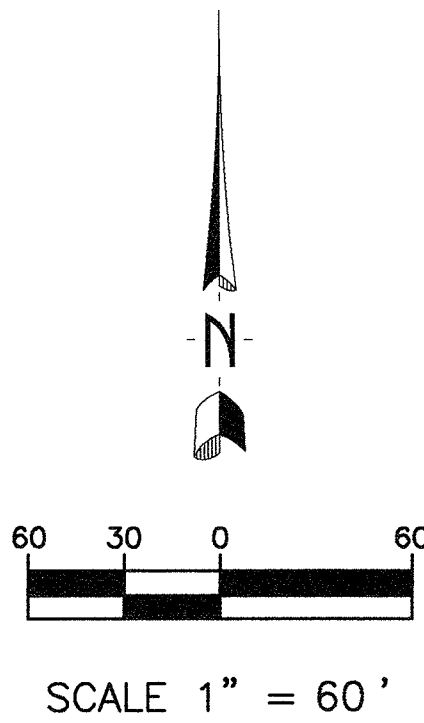
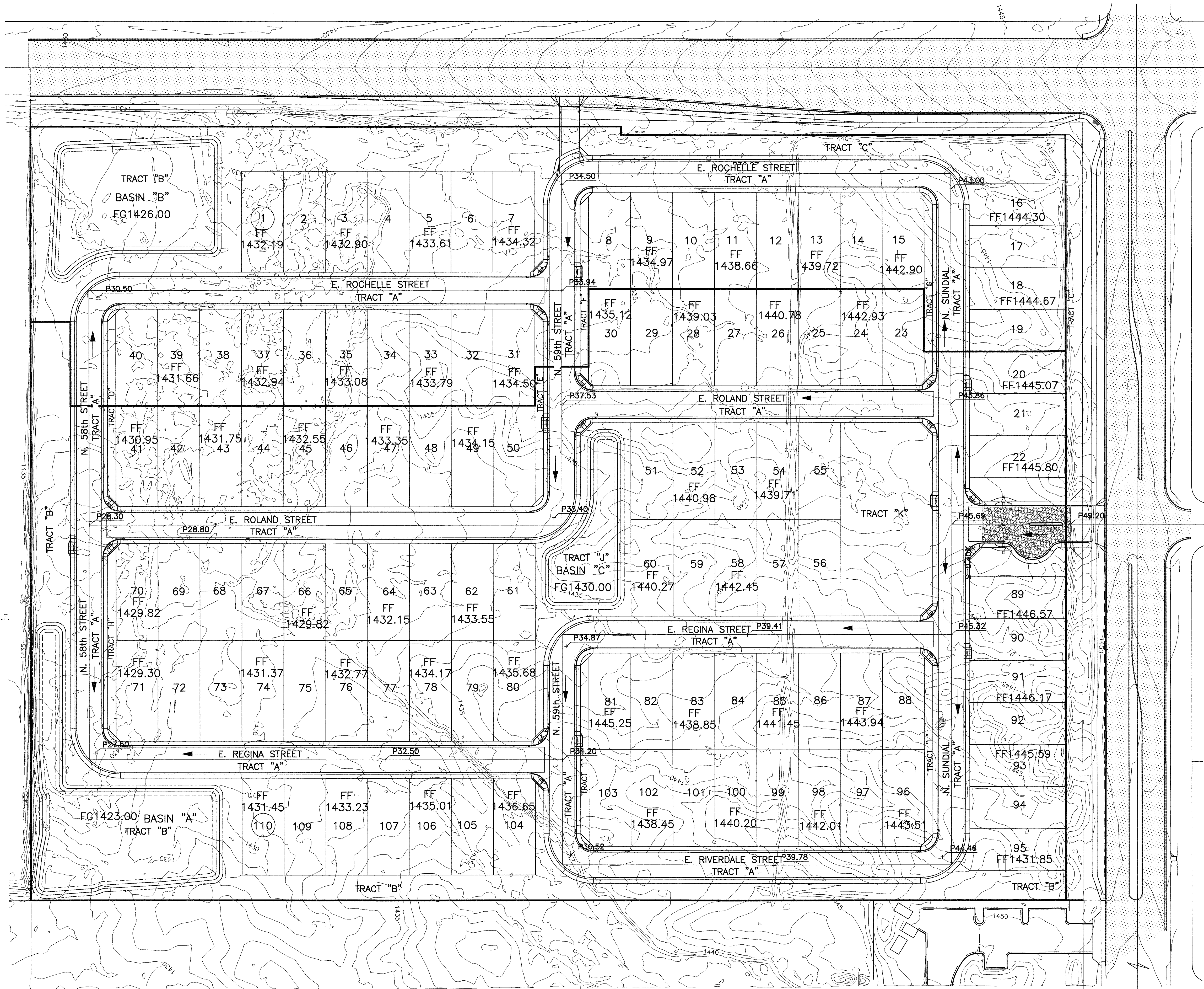


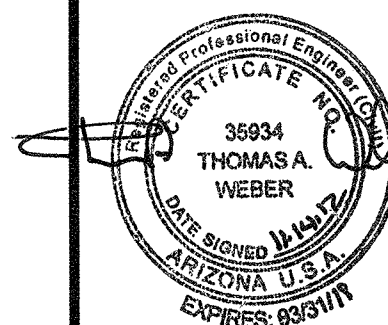


RETENTION VOLUME REQUIRED = $A \times C \times X (2.6/12)$
RETENTION VOLUME REQUIRED = $26.37 \times 0.65 \times (2.6/12) = 3.71 \text{ AC} - \text{FT} / 161,786.6 \text{ C.F.}$

RETENTION VOLUME PROVIDED			
BASIN	AVG. AREA (S.F.)	DEPTH (FT)	VOLUME PROVIDED (C.F.)
A	29,233.5	3.0'	87,700.5
B	25,540.5	3.0'	76,621.5
C	10,764.5	3.0'	32,293.5
TOTAL			196,615.5



CLOUSE ENGINEERING, INC., SHALL NOT BE LIABLE FOR ANY PORTION OF WORK NOT CONFORMING TO APPROVED PLANS SHOULD THEIR STAKES BE FOUND MISSING OR DISTURBED.



Revised
9-19-17
11-14-17

Date
7-31-17
As-Built

Job No.
161005