

ALBUQUERQUE
BLOC & SAFETY
NOV - 2 2000
U.S.C.
PLANNING
SECTION

ENGINEER'S SEAL

THE B.E.A.R. COMPANY
ENGINEERING - SURVEYING
1311 APEX COURT, RIO RANCHO, NM 87124 505-892-0421

DATE: 22 JUNE 1999

SHEET 2 3

DRAINAGE PLAN FOR
8820 FLORENCE AVENUE, N.E.

AVULSION NO. 5 MAPPING, CROSS SECTIONS

APPROVALS
CITY/COUNTY FLOODPLAIN ADMINISTRATOR
COUNTY SURFACE WATER HYDROLOGIST
AMAZONIA DRAINAGE ENGINEER

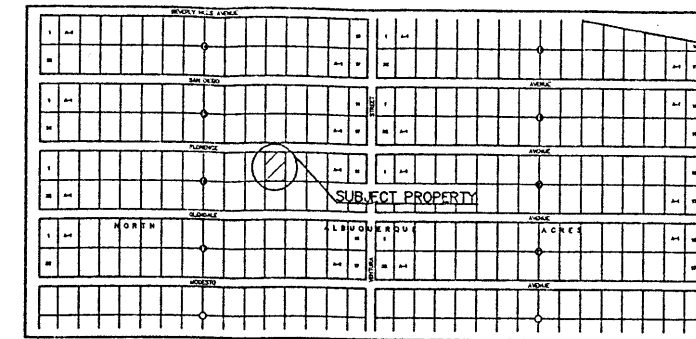
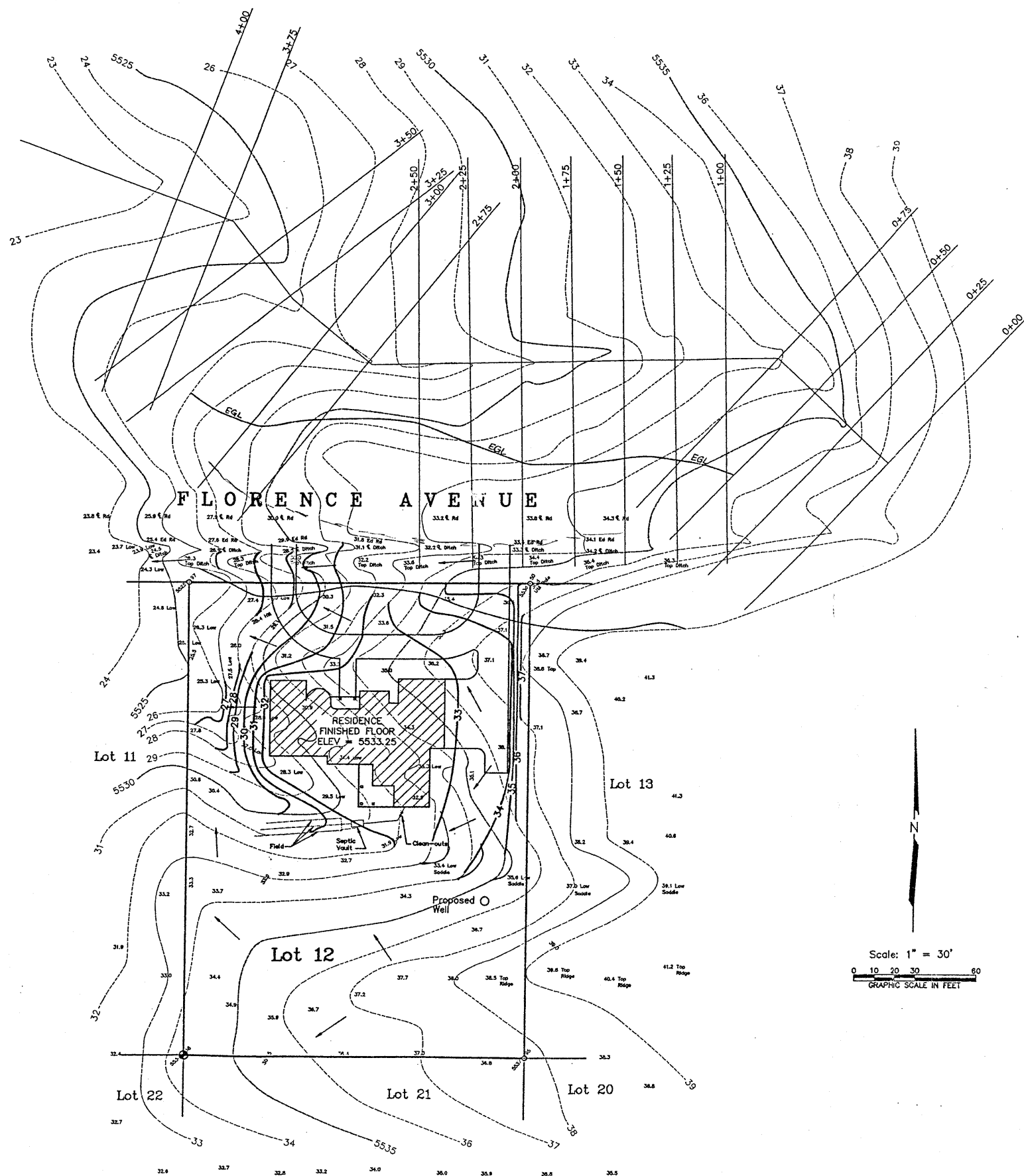
ENGINEER
DATE

DESIGNED BY: MICHAEL E. BEYER
DATE: 15 MAY 99

CHECKED BY: MICHAEL E. BEYER
DATE: 17 MAY 99

REVISIONS
NO. DATE DESCRIPTION

1 3 OCT 97 ADDED COMMENTS RESPONSES & ADDITIONAL TABLES



VICINITY MAP
Not to Scale

LEGAL DESCRIPTION

LOT 12, BLOCK 16, TRACT 1, UNIT 3
NORTH ALBUQUERQUE ACRES

GENERAL NOTES

1. THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS FROM FIELD DATA SHOWN HEREON.
2. THE PEAK DISCHARGE AND VOLUME INCREASE OF 3.0 CFS AND 1,745 CFS RESPECTIVELY WILL NOT ADVERSELY AFFECT PROPERTIES DOWNSTREAM OF THIS SITE.
3. NO ADDITIONAL GRADING WILL BE REQUIRED FOR THE DRIVEWAY. CROSSING FROM DRIVEWAY TO FLORENCE AVENUE ACROSS EXISTING DITCH WILL BE BY SLIGHT SWALE OR DIP SECTION. NO CULVERTS WILL BE USED.

ENGINEER'S CERTIFICATION

THIS IS TO CERTIFY THAT I, MICHAEL E. BEYER, A DULY QUALIFIED PROFESSIONAL ENGINEER AND SURVEYOR, LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, HAVE ON 16 MAY 1999 VISITED THE SUBJECT PROPERTY SITE AND DETERMINED THAT NO GRADING, FILLING OR EXCAVATION HAS OCCURRED SINCE THE EXISTING CONTOUR MAP WAS PREPARED.

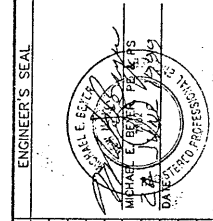
LEGEND

- EXISTING CONTOURS
- NEW CONTOURS
- EXISTING SPOT ELEVATION
- BENCH MARK SET ON TOP OF EXISTING 3/8" DIAMETER REBAR LOCATED IN THE SOUTHWEST CORNER OF SUBJECT LOT. ELEVATION 5,531.28 MSL. BASED ON NSC & GS BRASS TABLET, STAMPED 'MILE 1969', ELEV = 5416.288, LOCATED NEAR SOUTH BOUNDARY OF SANDIA PUEBLO INDIAN RESERVATION, APPROXIMATELY 600 FEET NORTH OF ELENA DRIVE AND 1,200 FEET WEST OF BARSTOW STREET
- EXISTING MONUMENT
- FLOW DIRECTION
- MAXIMUM LATERAL EROSION LIMIT



TYPICAL SWALE DETAIL
Not to Scale

THE
B. E. A. R.
COMPANY
ENGINEERING - SURVEYING
1311 APEX COURT, RIO RANCHO, NM 87124
505-892-0421



NO.	DATE	REVISIONS	BY
1	15 MAY 99	DESIGNED BY: MICHAEL E. BEYER	
2	16 MAY 99	DRAWN BY: ALAN R. CEBALCA	
3	17 MAY 99	CHECKED BY: MICHAEL E. BEYER	

DRAINAGE PLAN FOR 8820 FLORENCE AVENUE N.E.		ENGINEER	DATE
GRADING PLAN, VICINITY MAP, CERTIFICATION AND DETAILS			
APPROVALS	CITY/COUNTY FLOODPLAIN ADMINISTRATOR		
	COUNTY SURFACE WATER HYDROLOGIST		
	STATE/CITY DRAINAGE ENGINEER		
DATE:	22 JUNE 1999		
SHEET	3	OF	3