

DRAINAGE INFORMATION SHEET

PROJECT TITLE: RESUBMITTAL
HOUSE RELOCATION ZONE ATLAS/DRNG. FILE #: K-15-1461

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT A, BLOCK 43 OF TERRACE ADDITION

CITY ADDRESS: (SYCAMORE ST & LEAD AVE) 318 Sycamore

ENGINEERING FIRM: RYALS ENGINEERING CONTACT: BOB RYALS

ADDRESS: 5301 CENTRAL AVE, SUITE 913 PHONE: 256-4701

OWNER: ALBUQUERQUE, NM CONTACT: J.J. MAHONEY

J.J. MAHONEY PHONE: 268-2355

ARCHITECT: 3010 MONTE VISTA, NE CONTACT: JOHN BRISCOE

ALBUQUERQUE, NM 87110 PHONE: 262-0193

ARCHITECT: JOHN BRISCOE

ADDRESS: 718 ADAMS, NE CONTACT: _____

ALBUQUERQUE, NM 87110 PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☒ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER

PRE-DESIGN MEETING:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

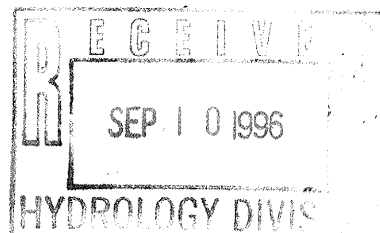
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☒ DRAINAGE REQUIREMENTS
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED:

9/9/96

BY:

JASON NGUYEN

PROJECT TITLE: House Relocation ZONE ATLAS/DRNG. FILE #: K-15/D61
DRB #: N/A 318 SYCAMORE EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: TRACT A BLK 43 TERRACE ADDITION
CITY ADDRESS: 318 SYCAMORE ST SE
ENGINEERING FIRM: Ryals Eng CONTACT: Bob Ryals
ADDRESS: 5301 Central Ave NE PHONE: 256-4701
OWNER: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERTIFICATION
☐ OTHER _____

PRE-DESIGN MEETING:

- ☐ YES
☐ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
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☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ SUBDIVISION CERTIFICATION
☐ OTHER _____ (SPECIFY)

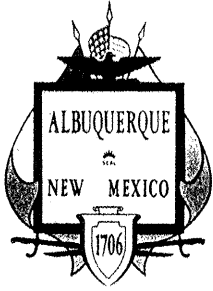
DATE SUBMITTED:

BY:

11/18/97
BR

30 day temp on 11/19/97

R **E** **C** **E** **I** **V** **E** **D**
NOV 18 1997
HYDROLOGY SECTION



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 15, 1997

Bob Ryals
Ryals Engineering
5301 Central Ave. NE
Albuquerque, New Mexico 87108

RE: ENGINEER CERTIFICATION FOR A HOUSE RELOCATION (K15-D61)
CERTIFICATION STATEMENT DATED 11/17/97

Dear Mr. Ryals:

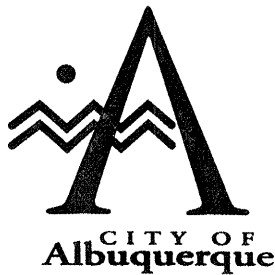
Based on the information provided on your November 18, 1997 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me 924-3986.

C: Andrew Garcia
File

Sincerely


Bernie J. Montoya CE
Associate Engineer



P.O. Box 1293 Albuquerque, NM 87103

October 7, 1996

Martin J. Chávez, Mayor

Bob Ryals, PE
Ryals Engineering
5301 Central NE, Suite 913
Albuquerque, NM 87110

RE: GRADING & DRAINAGE PLAN FOR 318 SYCAMORE SE (K-15/D61)
RECEIVED SEPTEMBER 10, 1996 FOR GRADING PERMIT &
ENGINEER'S STAMP DATED 9-6-96 REQUIREMENTS

Dear Mr. Ryals:

Based on the information included in the submittal referenced above, City Hydrology approves the grading & drainage plan for Building Permit.

Engineer's Certification of grading & drainage per DPM checklist must be accepted by City Hydrology before any Certificate of Occupancy will be released. Reference the ACS benchmark on the Certification.

If you have any questions about this project, You may contact me at 768-2727.

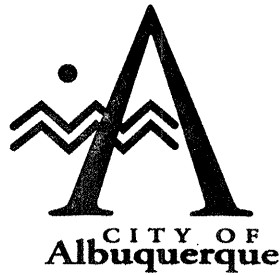
Sincerely,

John P. Curtin, P.E.
Civil Engineer, Hydrology

c: Andrew Garcia

Good for You, Albuquerque!





P.O. Box 1293 Albuquerque, NM 87103

September 5, 1996

Martin J. Chávez, Mayor

Bob Ryals
Ryals Engineering
5301 Central NE, Suite 913
Albuquerque, NM 87110

RE: GRADING & DRAINAGE PLAN FOR HOUSE RELOCATION (K-15/D61)
RECEIVED AUGUST 12, 1996 FOR GRADING PERMIT & REQUIREMENTS
ENGINEER'S STAMP DATED 8-8-96

Dear Mr.

Based on the information included in the submittal referenced above, City Hydrology has the following comments:

The grading plan the not meet the requirements of the DPM checklist. Add the Legal Description, Address, basement FF elevation with complete mean sea level designation, Albuquerque Control Survey & Temporary bench mark to the Plan. Indicate whether the site is associated with a 100 year flood hazard zone. Discuss downstream capacity (infill site, established neighborhood, drains to storm inlet on Sycamore). Existing contours & spot elevations should extend at least 25' beyond the property line. Clarify whether walls are existing or proposed. Indicate where the offsite basin & sump pump are located.

Do you need a Foundation or Building Permit instead of Grading Permit.

If you have any questions about this project, You may contact me at 768-2727.

Sincerely,

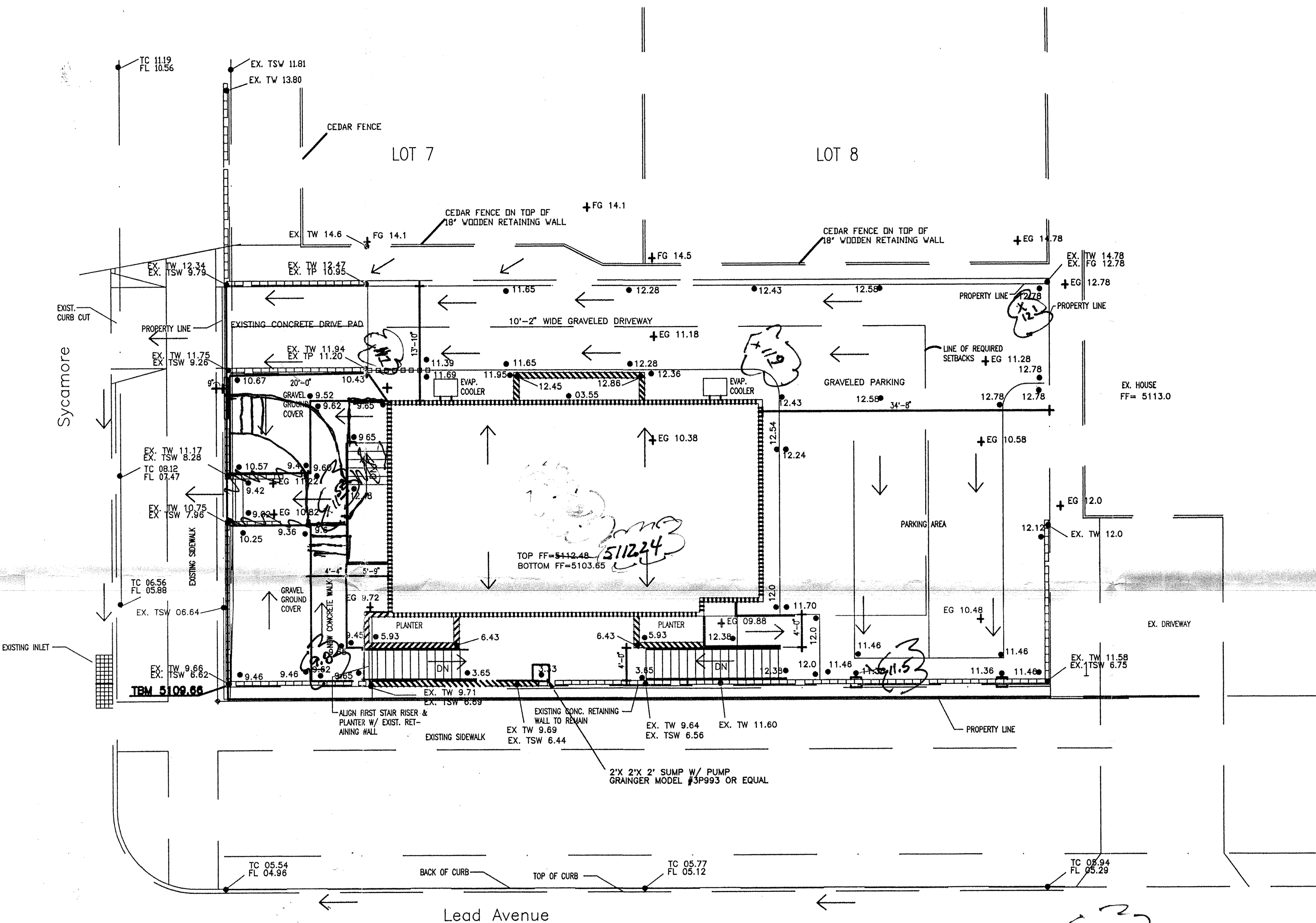
John P. Curtin, P.E.
Civil Engineer, Hydrology

c: Andrew Garcia

Good for You, Albuquerque!



SCALES:
HORIZ. 1"=10'



HYDROLOGY CALCULATIONS AND RESULTS

FILE=DPMHYD40.W01
ALBUQUERQUE, NM, DPM (1/93) CRITERIA - SIMPLE PROCEDURE FOR <= 40 ACRES
PX100-6 = PRECIPITATION EXCESS FROM 100-YEAR 6-HOUR STORM
VOL100 = VOLUME OF RUNOFF FROM 100-YEAR 10-DAY STORM
TRMT CLASS A=UNDISTURBED, B=LAWNS, C=UNPAVED ROADS, D=ROOFS,PAVEMENT; SEE DPM P 22.5-5

***** PROJECT INFO *****
HOUSE RELOCATION @ SYCAMORE & LEAD
ONSITE FLOW

RAIN ZONE 2 SEE DPM P 22.2-2
100-YEAR PRECIPITATION (P) DEPTHS, INCHES
1 HR 6 HR 24 HR 4 DAY 10 DAY
2.01 2.35 2.75 3.30 3.95

08/13/96 01:02 PM HISTORICAL FLOW TO SYCAMORE AVE. BASIN 1

TRMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	0.00	0.0000	0.78	2.28	0.000	0.000	0.000	0.000	0.000	0.00
C	4565.00	0.1048	1.13	3.14	0.329	0.010	0.010	0.010	0.010	100.00
D	0.00	0.0000	2.12	4.70	0.000	0.000	0.000	0.000	0.000	0.00
TOTAL	4565.00	0.1048			0.329 CU FT	0.010 430	0.010 430	0.010 430	0.010 430	100.00

08/13/96 01:02 PM PROPOSED FLOW TO SYCAMORE

TRMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	0.00	0.0000	0.78	2.28	0.000	0.000	0.000	0.000	0.000	0.00
C	2549.00	0.0585	1.13	3.14	0.184	0.006	0.006	0.006	0.006	55.84
D	2016.00	0.0463	2.12	4.70	0.218	0.008	0.010	0.012	0.014	44.16
TOTAL	4565.00	0.1048			0.401 CU FT	0.014 598	0.015 663	0.017 756	0.020 865	100.00

08/13/96 01:02 PM OFFSITE FLOW

TRMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	0.00	0.0000	0.78	2.28	0.000	0.000	0.000	0.000	0.000	0.00
C	1068.00	0.0245	1.13	3.14	0.077	0.002	0.002	0.002	0.002	50.00
D	1068.00	0.0245	2.12	4.70	0.115	0.004	0.005	0.006	0.008	50.00
TOTAL	2136.00	0.0490			0.192 CU FT	0.007 289	0.007 325	0.008 374	0.010 432	100.00

08/13/96 01:02 PM BASEMENT SUMP

TRMT CLASS	AREA SQUARE FEET	AREA ACRES	PX100-6 IN/AC	QP100-6 CFS/AC	QP100-6 CFS	VOL6HR AC-FT	VOL1D AC-FT	VOL4D AC-FT	VOL10D AC-FT	TRMT PERCENT
A	0.00	0.0000	0.53	1.56	0.000	0.000	0.000	0.000	0.000	0.00
B	0.00	0.0000	0.78	2.28	0.000	0.000	0.000	0.000	0.000	0.00
C	0.00	0.0000	1.13	3.14	0.000	0.000	0.000	0.000	0.000	0.00
D	291.00	0.0067	2.12	4.70	0.031	0.001	0.001	0.002	0.002	100.00
TOTAL	291.00	0.0067			0.031 CU FT	0.001 51	0.001 61	0.002 74	0.002 90	100.00

LEGAL DESCRIPTION: TRACT A, BLOCK 43 TERRACE ADDITION

FLOOD PLAIN: N/A

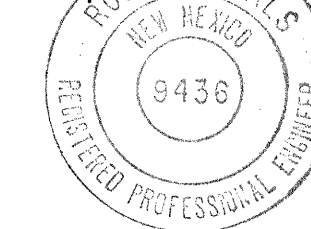
PROJECT DESCRIPTION: This lot formerly had a single family residence on it. The house was demolished some time ago leaving the existing concrete retaining wall in place around the lot boundary. Existing drainage is from NE to SW across the lot with a small amount of the side yards of lots 7 and 8 draining onto this lot.

PROPOSED IMPROVEMENTS: It is proposed to construct a basement foundation on this lot and move an existing house located across Sycamore on to the new foundation. The resulting structure will be a triplex with two basement apartments and the relocated house on top. Entrance to the apartments will be by the stairs shown. This will create a sump which will hold approximately 51 c.f. of water during a 100 yr 6 hr storm. A small sump pump is planned to drain this area. In the event the pump fails, sufficient storage has been provided below the basement finished floor.

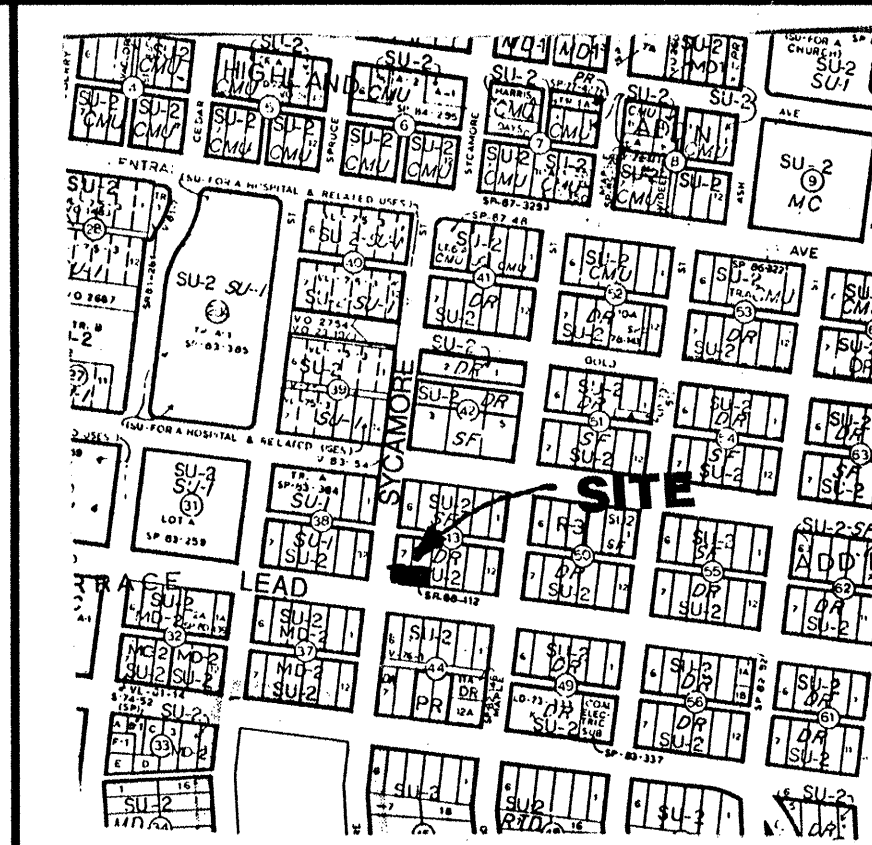
This is an infill project which replaces an existing developed lot which historically drained to Sycamore and Lead. There is no evidence of downstream capacity problems and this project will have very little impact on existing conditions.

GRADING AND DRAINAGE CERTIFICATION

I, Robert B. Ryals, a Registered Professional Engineer in the State of New Mexico, hereby certify, based on as built field information that improvements, including retaining wall construction have been completed in substantial compliance with this approved plan.



Robert B. Ryals, P.E.



VICINITY MAP K-15 NTS

LEGEND

DESCRIPTION	PROPOSED	EXISTING
TSW	TOP OF SIDEWALK	
TP	TOP OF PAVEMENT	
TW	TOP OF WALL	
BW	BOTTOM OF WALL	
TC	TOP OF CURB	
FL	FLOW LINE	
FG	FINISHED GRADE	
EG	EXISTING GRADE	
PROPERTY LINE		
ROW		
CL		
EXISTING CURB AND GUTTER		
EXISTING GROUND CONTOURS		
POWER POLE W/ GUY WIRE		
EXISTING WALL		
PROPOSED RETAINING WALL		

DWG:FW(WORK)SYCTOP01 DATE:08/13/96 TIME:13:06 RYALS Engineering-HB

RYALS

5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 engineering & construction services
239-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GRADING PLAN
TRACT A, BLK 43 OF TERRACE ADDITION
HOUSE RELOCATION: 318 Sycamore St.

Design Review Committee City Engineer Approval

Ms./Day/Yr. Ms./Day/Yr.

City Project No. Zone Map No. Sheet Of

K-15 1 1