

DRAINAGE INFORMATION SHEET

PROJECT TITLE: JIM'S AUTOMOTIVE

ZONE ATLAS/DRNG. FILE #: K17/D77

DRB #:

EPC #:

WORK ORDER #:

LEGAL DESCRIPTION: LOTS A & B, BLOCK 15, MESA GRANDE ADDITION

CITY ADDRESS: 4411 LEAD AVENUE, SE

ENGINEERING FIRM: HALL ENGINEERING, INC.

CONTACT: RICHARD HALL

ADDRESS: 6840 2ND ST., NW 87107

PHONE: 345-1064 FAX 344-5404

OWNER: JIM'S AUTOMOTIVE

CONTACT:

ADDRESS:

PHONE:

ARCHITECT: SADLER SOUTHWEST

CONTACT: MIKE PUGACH

ADDRESS: P.O.BOX 21640 ALBQ.87154-1640

PHONE: 856-7939

SURVEYOR: HALL ENGINEERING

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:

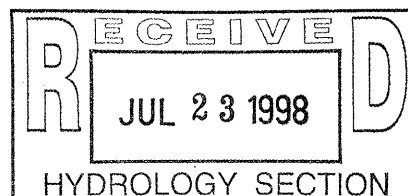
☐ YES
☐ NO
☐ COPY PROVIDED

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: JULY 23, 1998

BY: E. W. KIESS





August 3, 1998

Richard Hall
Hall Engineering Co. Inc.
1116 2nd St. NW
Albuquerque, New Mexico 87102

RE: ENGINEER CERTIFICATION FOR JIM'S AUTOMOTIVE (K17-D77) CERTIFICATION
STATEMENT DATED 7/23/98

Dear Mr. Hall:

Based on the information provided on your July 23, 1998 submittal, Engineer Certification for the above referenced site is acceptable.

Please be advised that the permanent CO will not be issued until a copy of the letter of acceptance for the Work Order construction.

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

C: Andrew Garcia ✓
File

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!



EXISTING ON-SITE CONDITIONS

This site has already been developed. Lot A is occupied by an existing building, asphalt driveways and a concrete pad. No landscaping currently exists within lots A and B. Approximately 1,125 square feet (0.026 acre) from the Northwest corner of lot C contributes water flow to lots A and B. The northernly alley does not contribute to the water flow in lots A and B. The site is adjacent to floodzone A0 (depth 1') within the street area (Lead Ave.). Finish floor of existing building is 3.4 feet higher than adjacent flowline in Lead Avenue.

PROPOSED DEVELOPMENT

New construction will include a new building overtopping the existing building and new drive pads. Approximately 1,140 square feet (0.026 acre) of landscaping will be added to the easterly side of lot B and northerly side of lot A. No on-site detention is planned. Discharge will be directed into Lead Avenue. All downstream routings are either asphalt-paved or RCP storm sewers. Finish floor of the proposed office area is to be 2 feet higher than adjacent flowline in Lead Avenue. Finish floor of the bays are to be 2.67 feet higher than adjacent flowline in Lead Avenue.

DRAINAGE DATA

THIS SITE LIES WITHIN PRECIPITATION ZONE 2

CONDITION	STORM RETURN PERIOD YEAR	TREATMENT TYPE	TREATMENT AREA SQ.FT.	EXCESS PRECIP. IN.	PEAK RUNOFF CFS/AC	PEAK RUNOFF VOLUME CU.FT.	RUNOFF RATE CFS
TABLE 4							
EXISTING	100	C	1,125	1.13	3.14	106	0.08
EXISTING	100	D	15300	2.12	4.70	2703	1.65
EXISTING	10	D	15300	1.34	3.14	1709	1.10

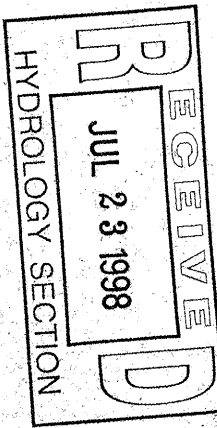
DEVELOPED	100	B	1,140	0.78	2.28	74	0.06
DEVELOPED	100	C	1,125	1.13	3.14	106	0.08
DEVELOPED	100	D	14,160	2.12	4.70	2502	1.53
DEVELOPED	10	B	1,140	0.28	0.95	27	0.02
DEVELOPED	10	C	1,125	0.52	1.71	49	0.04
DEVELOPED	10	D	14,160	1.34	3.14	1581	1.02
TOTAL	100		16,425			2682	1.67
TOTAL	10		16,425			1657	1.06

NOTES

1. A flow rate decrease of 0.06 CFS and 0.06 CFS for the 100-year and 10-year storms, respectively, may be expected. The 6-hour runoff volumes will decrease by 127 cubic feet for the 100-year storm and 101 cubic feet for the 10-year storm.
2. Erosion control during construction will be the responsibility of the builder and continuing erosion control will be the responsibility of the owner.
3. Those areas indicated as being "groveled", "landscaped", "concrete" and the footprint of the house are from a floor plan and site plan provided by the builder.

ENGINEER'S CERTIFICATION

I, Richard V. Hall, hereby certify that I observed conditions on and around this site on May 22, 1986 and found that the ground elevations as shown on this drawing have not, as of that date been altered by any recent grading operations.

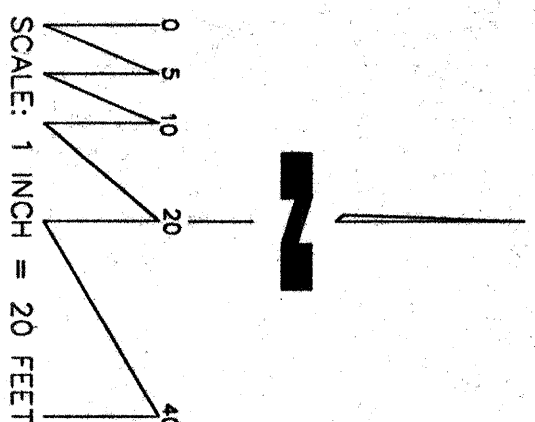


T.B.M.

SANITARY SEWER MANHOLE LOCATED IN THE 20' ALLEY AT THE NORTHWEST CORNER OF LOT A
R/W ELEV. 5230.99

GRADING AND DRAINAGE PLAN
LOT A & B OF WILLIAM J. BENN'S REPLAT OF LOTS 8, 9, 10 & 11 IN BLOCK 15 OF MESA GRANDE ADDITION ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

HALL ENGINEERING COMPANY INC.
ENGINEERING • SURVEYING • PLANNING • CONSTRUCTION
6840 2ND ST., NW, SUITE 306 • ALBUQUERQUE, NEW MEXICO 87107
PHONE (505) 345-1064 FAX (505) 344-5404



On July 17, 1988, an as-built elevation survey was performed on this site by Hall Engineering, Inc. This site was found to be in substantial compliance with the designed and approved Drainage Plan.

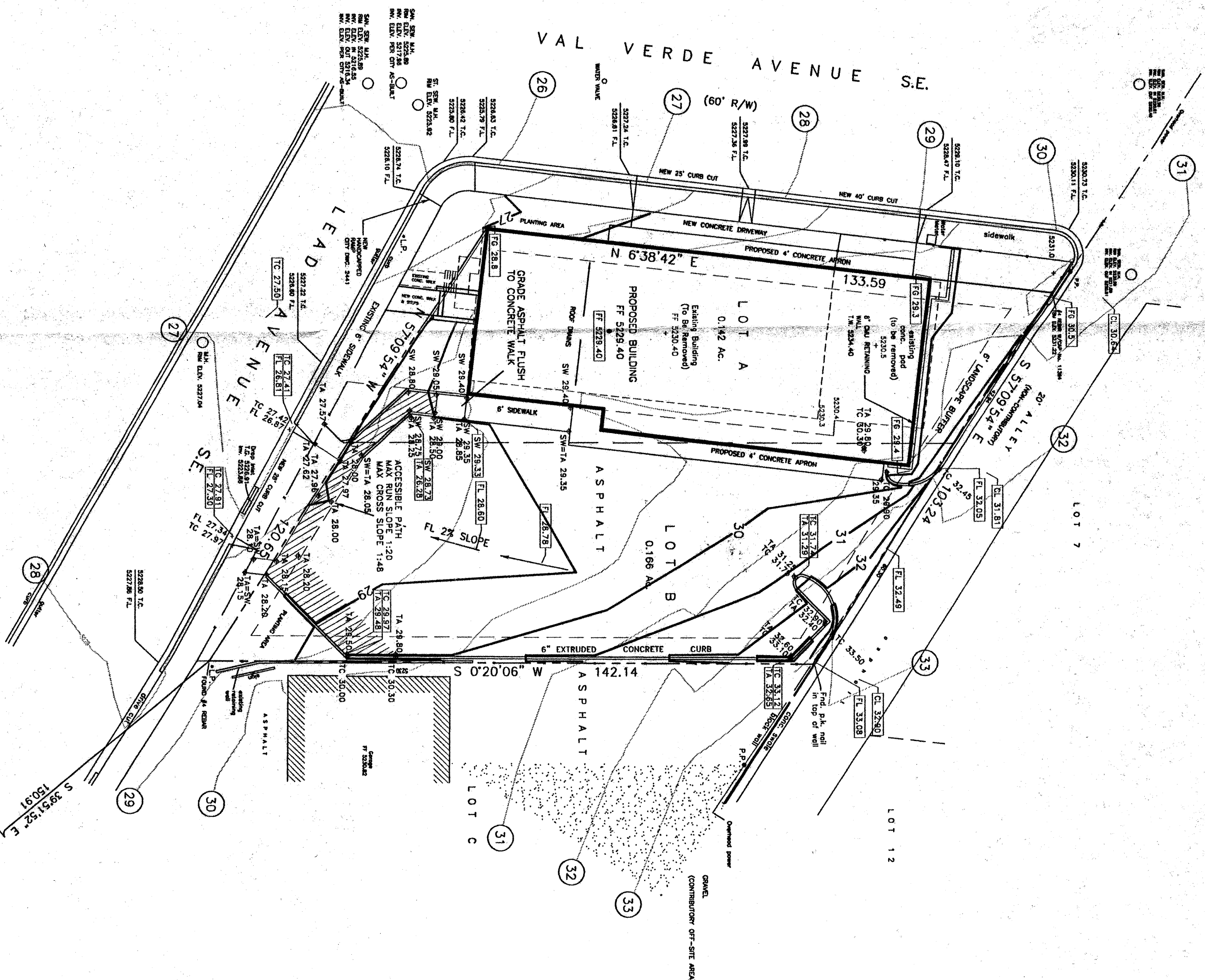
Richard V. Hall
Richard V. Hall N.M.P.E. No. 7264



THIS PLAN HAS BEEN AMENDED TO SHOW PROPOSED CONCRETE CURBING AND FOR SPECIFYING SPOT ELEVATIONS ON CURBS AND ALONG HANDICAP ACCESSIBLE PATH.

NOTICE TO CONTRACTOR

PROPOSED CONTOURS SHOWN ARE TO FINISH SURFACES AND ARE PROVIDED FOR THE PURPOSE OF SHOWING FLOW ROUTING.
CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEDIMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF ANY SEDIMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY.
CONTRACTOR SHALL OBTAIN A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO ANY GRADING OR CONSTRUCTION.



LEGEND

- EXISTING CONTOURS @ 0.5' INTERVALS
- PROPOSED CONTOURS @ 1.0' INTERVALS
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- FLOW LINE
- EXISTING BUILDING
- PROPOSED BUILDINGS
- EXISTING CHAIN LINK FENCE
- PROPOSED RETAINING WALL

NOTES:

1. Field survey was completed 7-23-1986.
2. Bearings are N.M.C.Z. grid bearings. Basis of bearing is S 39°51'52" E as measured between ACS brass cap 8-K17 and the found rebar at the southeast corner of Lot B.
3. Elevation data are derived from ACS monument 8-K17 published elevation of 5230.99.
4. Spot elevations are given to the nearest tenth of a foot; the decimal point marks the horizontal position of the spot elevation.
5. Contour interval is one foot (1').
6. Information was used from the following plat: WILLIAM J. BENN'S REPLAT OF LOTS 8, 9, 10 & 11 IN BLOCK 15 OF MESA GRANDE ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO, filed in the Office of the County Clerk of Bernalillo County, April 15, 1981.
7. Any existing easements not disclosed by the above referenced plat (note 6) are not shown herein.

VICINITY MAP