

DRAINAGE INFORMATION SHEET

PROJECT TITLE: WESTERN PLUMBING REMODEL ZONE ATLAS/DRNG. FILE #: K-18 *1021*

DRB #: EPC #: WORK ORDER #:

LEGAL DESCRIPTION: LOTS 6-A & 12-A, BLOCK 14, FAIRGROUNDS ADDITION

ADDRESS:

ENGINEERING FIRM: HALL ENGINEERING, INC.

CONTACT: RICHARD HALL

ADDRESS: 6840 2ND ST., NW 87107

PHONE: 345-1064 FAX 344-5404

OWNER: WESTERN PLUMBING

CONTACT: CHARLES KELSEY

ADDRESS: 324 KENTUCKY ST., SE

PHONE: 265-6102

ARCHITECT: JON ANDERSON

CONTACT:

ADDRESS: 912 ROMA AVENUE, NW

PHONE: 764-8306

SURVEYOR: HALL ENGINEERING

CONTACT: ED KIESS

ADDRESS: 6840 2ND ST., NW

PHONE: 345-1064

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:

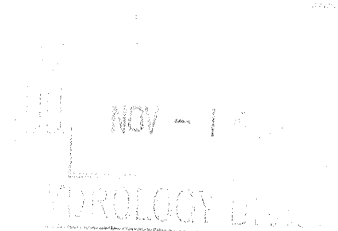
☐ YES
☒ NO
☐ COPY PROVIDED

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: *10-31-95*

BY: *[Signature]*





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 28, 1995

Richard Hall, P.E.
Hall Engineering, Inc.
6840 Second Street, NW
Albuquerque, New Mexico 87107

**RE: DRAINAGE PLAN FOR WESTERN PLUMBING REMODEL, LOT 6-A & 12-A,
BLOCK 14, FAIRGROUNDS ADDITION (K18/D21) SUBMITTED FOR PAVING
PERMIT APPROVAL, ENGINEER'S STAMP DATED 10/31/95.**

Dear Mr. Hall:

Based on the information provided with the submittal of November 1, 1995, the above referenced plan is approved for paving permit release.

Please be advised that the Engineer's Certification per the D.P.M. must be submitted to and approved by this office.

If you should have any questions, or if I may be of further assistance to you please do not hesitate to call me at 768-2666.

Sincerely,

Susan M. Calongne, P.E.
City/County Floodplain Administrator

c: Andrew Garcia, City Hydrology
Charles Kelsey, Western Plumbing, Owner
File

EXISTING ON-SITE CONDITIONS

THIS SITE IS ALREADY DEVELOPED. WESTERLY TRACT IS OCCUPIED BY AN EXISTING BUILDING, CONCRETE DRIVE, WALKS AND LANDSCAPING. NORTH PORTION OF IT IS AN UNPAVED, COMPACTED STORAGE AND PARKING AREA. THE EASTERN TRACT IS AN AN UNPAVED, COMPACTED STORAGE YARD. BOTH TRACTS DRAIN IN A NORTHWESTERLY DIRECTION.

THERE ARE NO DISCERNIBLE ERODED FLOWLINES.

TOTAL AREA WITHIN THE EXTERIOR BOUNDARIES OF BOTH TRACTS: 55922 S.F. (1.23 AC) OFFSITE CONTRIBUTORY FLOWS ENTER SITE ACROSS EAST AND SOUTHWEST LINES. SOUTHWEST LINES ARE 100-FOOT WIDE AND 100-FOOT HIGH. OFFSITE CONTRIBUTORY FLOWS ENTER SITE ACROSS EAST AND SOUTHWEST LINES. OFFSITE CONTRIBUTORY FLOWS ENTER SITE ACROSS EAST AND SOUTHWEST LINES. OFFSITE CONTRIBUTORY FLOWS ENTER SITE ACROSS EAST AND SOUTHWEST LINES.

0.00 = .58 CFS.

A SOUTHERLY PORTION OF THIS SITE LIES WITHIN FLOOD ZONE "A" AND IS SUBJECT TO 100-YEAR FLOODING AS INDICATED ON THE FLOOD HAZARD MAP. 50 OF 50 HAZARDS, NEW MEXICO. NORTH PORTION LIES IN ZONE "B" SUBJECT TO 500-YEAR HAZARDS. FINISH FLOOR OF EXISTING BUILDING IS 2 FEET HIGHER THAN ADJACENT FLOWLINE IN ZUNI ROAD.

PROPOSED DEVELOPMENT

NEW CONSTRUCTION WILL BE LIMITED TO A CONCRETE LOADING DOCK ON THE NORTH PORTION OF THE SITE. THE WESTERN TRACT WILL BE REMOVED AND THE ENTIRE TRACT WILL BE REDEVELOPED WITH A CONCRETE DRIVE, WALKS AND LANDSCAPING. THE ENTIRE AREA OF LOT 6-A IS TO BE PAVED AND SURROUNDED BY SOLID FENCING. THIS SITE IS SURROUNDED BY DEVELOPED LAND AND STREETS. NO ON-SITE DETENTION FACILITIES ARE PLANNED. DISCHARGE WILL BE DIRECTED INTO GEORGIA STREET, SE VIA WEST DRIVEPAD. ALL DOWNSWEEP ROUJINGS ARE EITHER ASPHALT-PAVED PUBLIC STREETS OR RCP STORM SEWERS.

DRAINAGE DATA

THIS SITE LIES WITHIN PRECIPITATION ZONE 3. BOTH LOTS ARE INCLUDED

CONITION	STORM RETURN PERIOD (TABLE 4)	TREATMENT TYPE	EXCESS AREA (TABLE A-9)/(TABLE A-9)	PEAK EXCESS PRECIP. RUNOFF INCHES CFS/AC	PEAK RUNOFF VOLUME CU.FT.	RUNOFF RATE CFS
EXISTING	100	A	0.66	1.87	273	0.15
		B	0.92	2.60	390	0.21
		C	1.29	3.45	500	0.28
		D	1.79	4.52	663	0.37
EXISTING	10	A	0.19	0.58	76	0.07
		B	0.36	1.19	175	0.16
		C	0.62	2.00	289	0.26
		D	1.50	3.39	494	0.45
PROPOSED	100	A	0.66	1.87	273	0.15
		B	0.92	2.60	390	0.21
		C	1.29	3.45	500	0.28
		D	1.79	4.52	663	0.37
PROPOSED	10	A	0.19	0.58	76	0.07
		B	0.36	1.19	175	0.16
		C	0.62	2.00	289	0.26
		D	1.50	3.39	494	0.45
TOTALS	100				10319	6.02
	10				6463	4.04

FLOW RATE INCREASES OF 1.3 CFS AND 1.16 CFS FOR THE 100-YEAR AND 10-YEAR STORMS MAY BE EXPECTED. THE 6-HOUR RUNOFF VOLUMES WILL INCREASE BY 3235 CUBIC FEET FOR THE 100-YEAR STORM AND 2663 CUBIC FEET FOR THE 10-YEAR STORM.

BENCH MARK

STA 6+41.8 STANDARD 3-1/4" ALUMINUM CAP SET FLUSH WITH CONCRETE PAVEMENT IN NE QUADRANT OF INTERSECTION OF ZUNI ROAD AND SAN PEDRO DRIVE, SE

T.B.M.

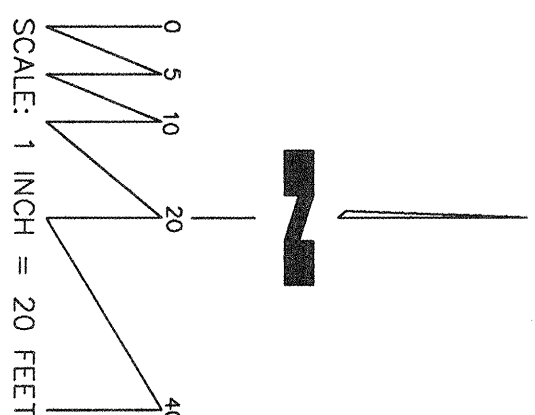
TOP OF CURB AT THE ENE RETURN, INTERSECTION OF ZUNI ROAD WITH GEORGIA STREET, SE

DESCRIPTION OF PROPERTY

LOTS 6A & 12A
BLOCK 14
FAIRGROUNDS ADDITION
ALBUQUERQUE, NEW MEXICO

GRADING AND DRAINAGE PLAN
WITHIN BLOCK 14 FAIRGROUNDS ADDITION
ALBUQUERQUE, NEW MEXICO
WESTERN PLUMBING

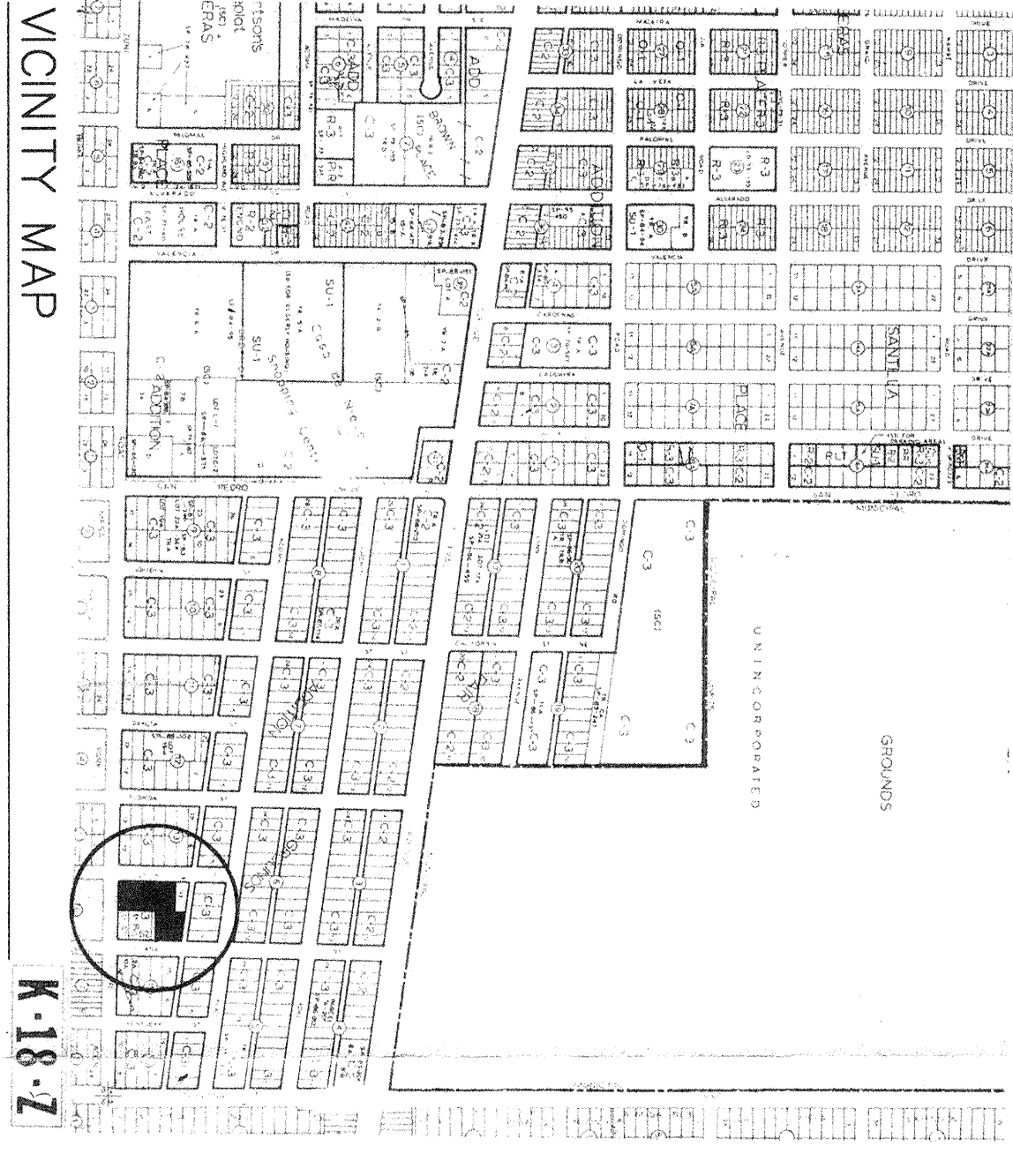
HALL ENGINEERING COMPANY INC.
ENGINEERING • SURVEYING • PLANNING • CONSTRUCTION
6940 2ND ST., NW, SUITE 306 • ALBUQUERQUE, NEW MEXICO 87107
PHONE (505) 345-1064 FAX (505) 344-5404



LEGEND

- 58 EXISTING CONTOURS @ 1.0' INTERVALS
- 56 PROPOSED CONTOURS @ 1.0' INTERVALS
- + 5308.00 EXISTING SPOT ELEVATION
- 5308.00 PROPOSED SPOT ELEVATION
- FLOW LINE
- NEW CONCRETE CONSTRUCTION
- NEW ASPHALT PAVEMENT
- PROPOSED SOLID FENCE
- INTERNAL CONTRIBUTORY AREA BOUNDARIES

PROPOSED FINISH GRADES SHOWN ARE TO FINISH SURFACES. CONTRACTOR SHALL DETERMINE APPROPRIATE SUBGRADE. PROPOSED CONTOURS SHOWN ARE FOR FINAL SURFACE PREPARATION AND INDICATION OF FLOW ROUTING. CONTRACTOR IS RESPONSIBLE FOR THE ABATEMENT OF SEGMENT ONTO ADJOINING PUBLIC RIGHTS-OF-WAY DURING CONSTRUCTION AND FOR THE REMOVAL OF OR ANY SEGMENT DEPOSITED IN PUBLIC RIGHT-OF-WAY. CONTRACTOR SHALL OBTAIN A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO ANY GRADING OR CONSTRUCTION.



NOTE: LOT 12-A, BLOCK 14, FAIRGROUNDS ADDITION IS SUBJECT TO BLANKET DRAINAGE EASEMENT FOR CONVEYANCE OF STORMWATERS FROM LOTS 6-A AND 9-A, BLOCK 14, FAIRGROUNDS ADDITION.

0.04 ACRE DRAINS
TO ZUNI ROAD
25% IMPERVIOUS
Q₁₀₀ = 0.13 CFS, PEAK
Q₁₀ = 0.06 CFS

ZUNI ROAD, SE

GEORGIA STREET, SE

INDIANA STREET, SE

