



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 30, 2001

Levi J. Valdez, P.E.
BJM Development Consultant
4409 K arral Road SW
Albuquerque, NM 87110

***RE: GOLD COAST CAFE, Forrester & Mountain NW (J14-D128). GRADING/PAVING
PLAN FOR GRADING AND PAVING PERMIT APPROVALS. ENGINEER'S STAMP
DATED MARCH 12, 2001.***

Dear Mr. Valdez:

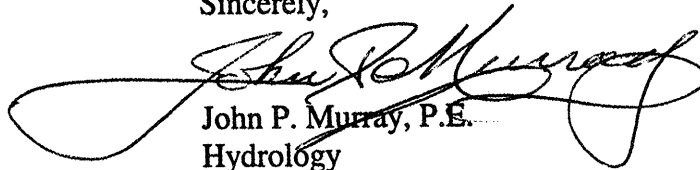
Based on the information provided on your March 14, 2001 submittal, the above referenced project is approved for Grading and Paving Permits.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology

Prior to Certificate of Occupancy approval. An Engineer's Certification per the DPM will be required.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: ☒ Terri Martin
☒ File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 18, 2001

Levi J. Valdez, P.E.
c/o BJM DEVELOPMENT CONSULTANT
4409 Karrol Rd SW
Albuquerque, New Mexico 87121

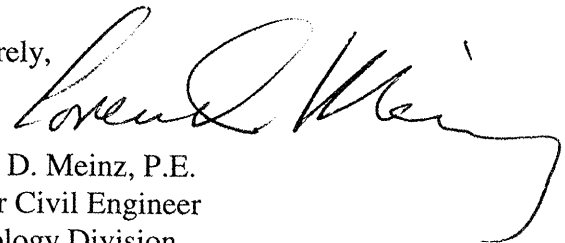
RE: GOLD COAST CAFE (J-14/D128)
(Mountain & Forrester NW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEER'S STAMP DATED 3/12/2001
ENGINEER'S CERTIFICATION DATED 4/23/2001

Dear Mr. Valdez:

Based upon the information provided in your submittal dated May 18, 2001, the above referenced site is approved for Permanent Certificate of Occupancy.

If you have any questions, please call me at 924-3980.

Sincerely,



Loren D. Mainz, P.E.
Senior Civil Engineer
Hydrology Division

c: Vickie Chavez, COA
Teresa Martin, COA
file

August 4, 1998

Tucker Green
Per SE Engineering
9109 La Barranca NE
Albuquerque, New Mexico 87111



RE: SO19 APPROVAL FOR MARCIE FARMER WALL REPAIR (J14-D128) ENGINEER'S
STAMP DATED 8/3/98

Dear Mr. Tucker:


Based on the information provided on your August 2, 1998 submittal, the above referenced site is approved for SO19 Permit.

Please be advised that a separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

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

C: Andrew Garcia
Arlene Portillo
File

Sincerely


Bernie J. Montoya CE
Associate Engineer



PROJECT TITLE: 5019 FERR MARCIE FARMER WALL REPAIR ZONE ATLAS/DRNG. FILE #: J-14/128

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

LEGAL DESCRIPTION: LOT B, BLOCK 1, WITH ADDN

CITY ADDRESS: 821 MOUNTAIN RD NW

ENGINEERING FIRM: PER SE ENGINEERING CONTACT: TUCKER GREEN

ADDRESS: 9109 LA BARBARA NE 87111 PHONE: 275-0451

OWNER: MARCELLA FARMER CONTACT: _____

ADDRESS: 1116 FORESTER NW 87104 PHONE: 242-0137

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: GREG BACZEK CONTACT: 246-9273

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☒ OTHER 5019

PRE-DESIGN MEETING:

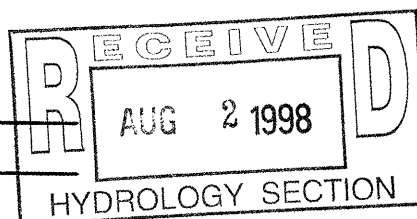
- ☒ YES SALT OF, W/ B. MONTANA
☐ NO
☐ COPY PROVIDED

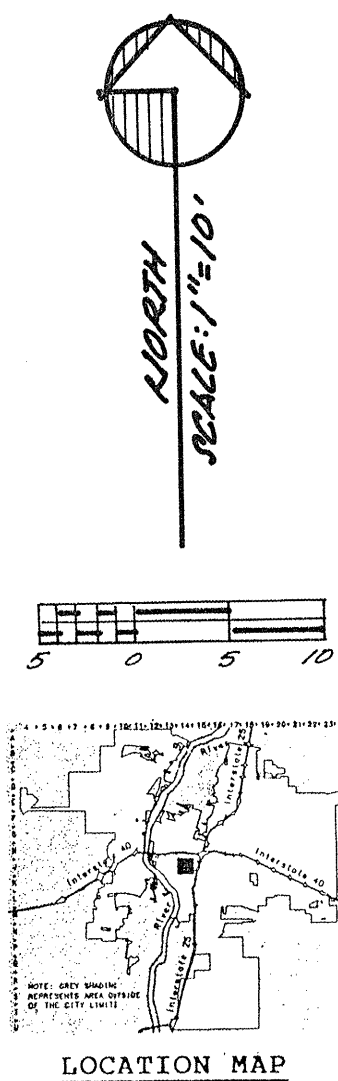
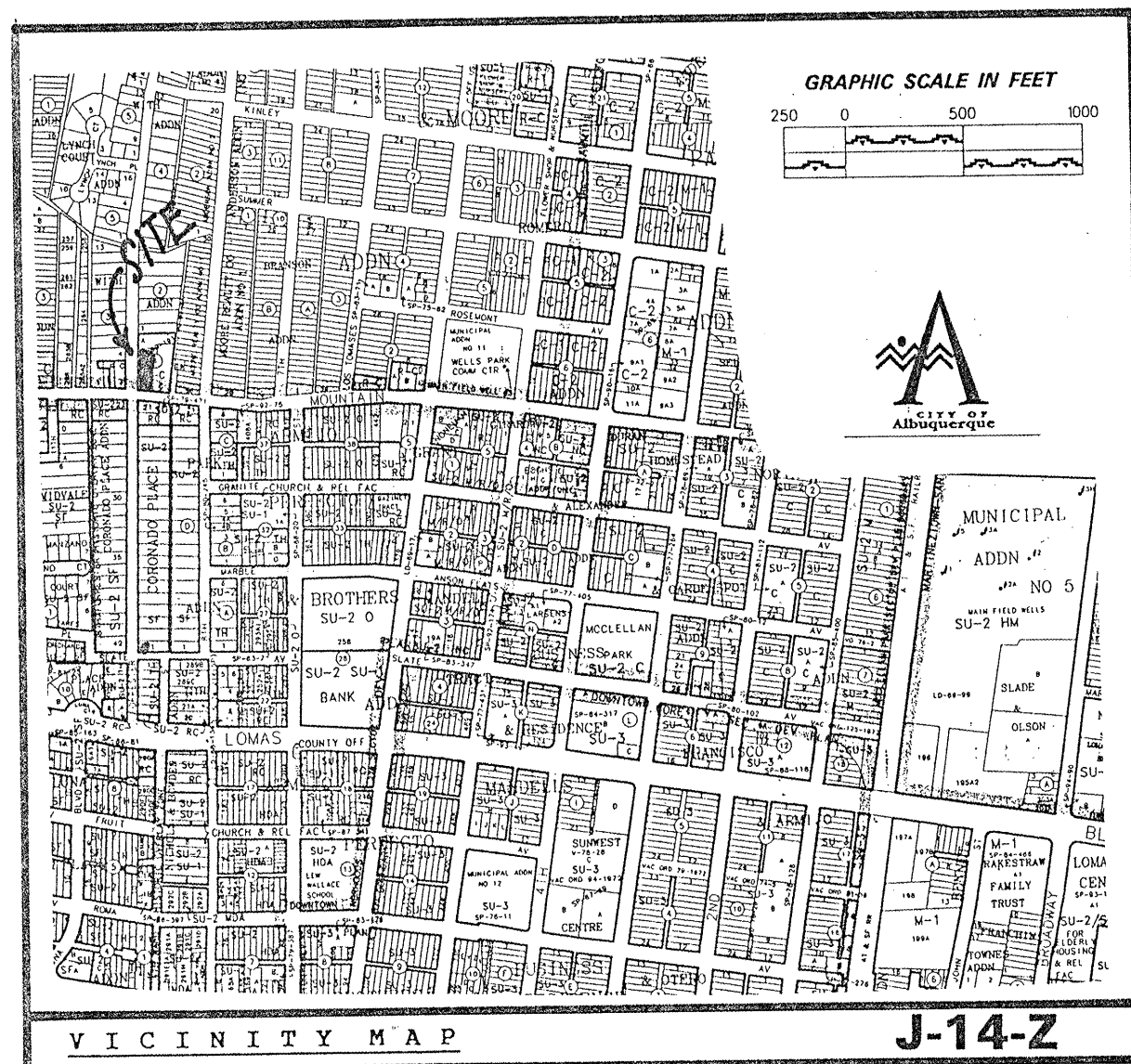
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ 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 5019 (SPECIFY)

DATE SUBMITTED: 8-3-98

BY: TUCKER GREEN





Benchmark	Elevation	Description	Order/Class
1-J13	4956.54	ACS "X" cut chiseled on top of concrete curb, WSW quadrant of Mountain Road & 11th St. NW.	2nd-Order,

LEGEND:

TOP OF CURB ELEVATION = $TC = 57.60$
 CURB FLOWLINE ELEVATION = $FL = 57.00$
 EXISTING SPOT ELEVATION = $SE = 58.1$
 EXISTING CONTOUR ELEVATION = 58.0
 PROPOSED SPOT ELEVATION = $SE = 58.20$
 PROPOSED CONTOUR ELEVATION = 58.00
 PROPOSED OR EXISTING CONCRETE SURFACE = $---$
 EXISTING FENCE LINE = $---$

GENERAL NOTES:

- NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD OTHER THAN SHOWN HEREON.

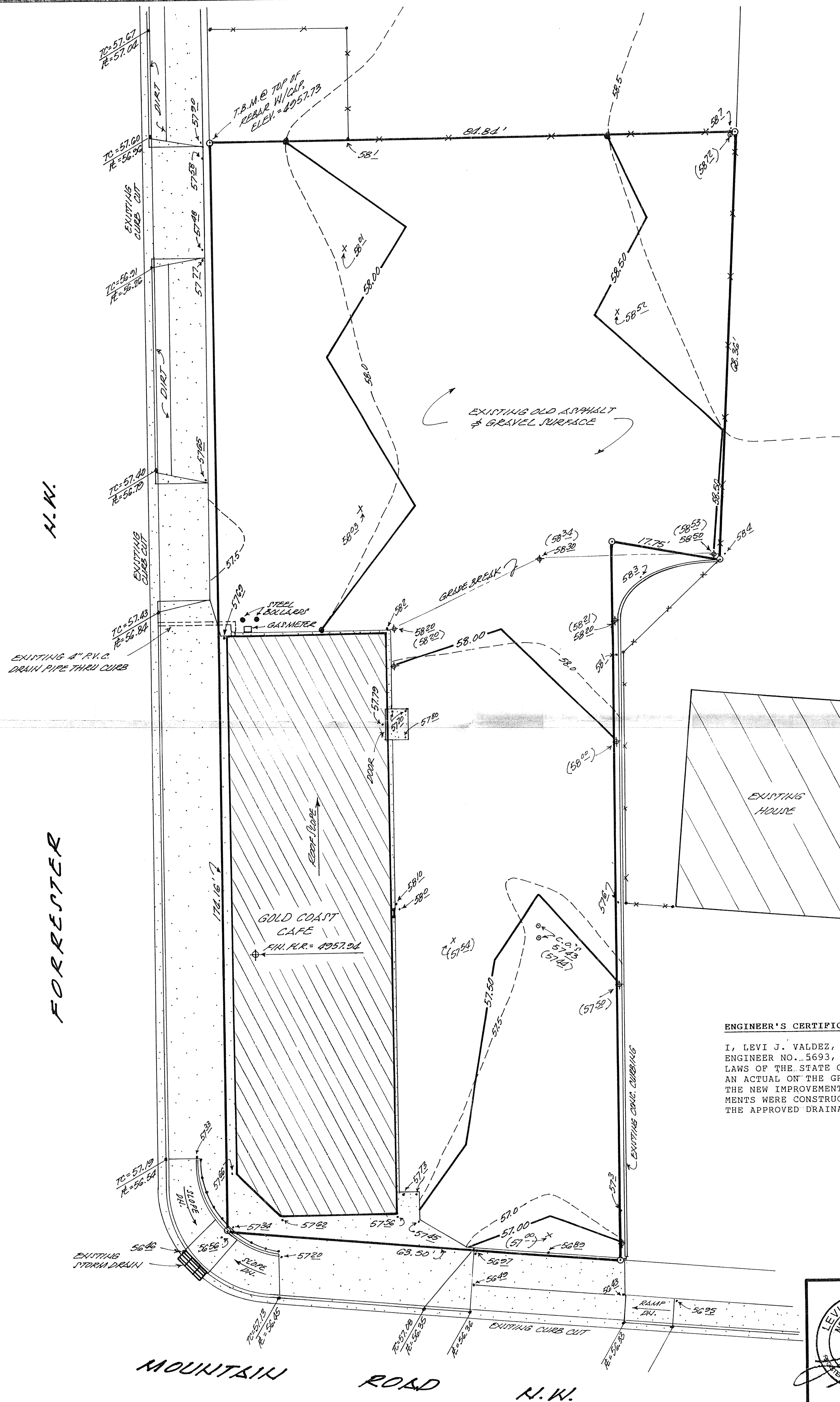
EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT OF STORM RUNOFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SUBJECT SITE AND ENTERING ADJACENT PROPERTIES.
- ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SUBJECT SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREET RIGHT-OF-WAYS.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT FROM PUBLIC STREETS THAT HAS BEEN BRODGED FROM THE SUBJECT SITE AND DEPOSITED THEREON.

CONSTRUCTION NOTES:

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR THE ACTUAL FIELD LOCATION OF THE EXISTING SURFACE OR SUB-SURFACE UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION(S) OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY STANDARDS AND PROCEDURES.

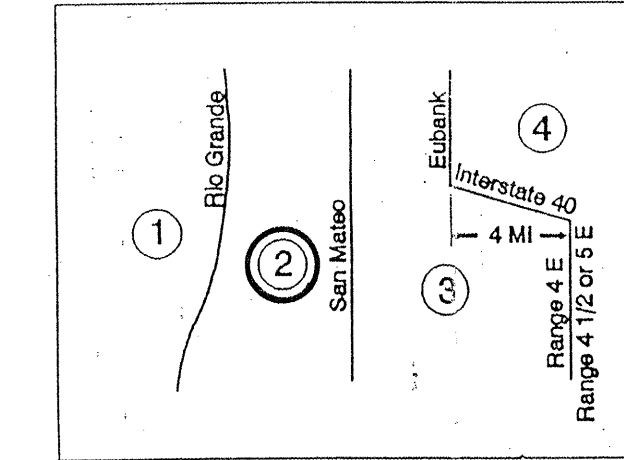


A-1 PRECIPITATION ZONES

Bernalillo County's four precipitation zones are indicated in TABLE A-1 and on FIGURE A-1.

Zone	Location
1	West of the Rio Grande
2	Between the Rio Grande and San Mateo
3	Between San Mateo and Eubank, North of Interstate 40; and between San Mateo and the East boundary of Range 4 East, South of Interstate 40
4	East of Eubank, North of Interstate 40; and East of the East boundary of Range 4 East, South of Interstate 40

FIGURE A-1



Where a watershed extends across a zone boundary, use the zone which contains the largest portion of the watershed.

Zone	TABLE A-9: PEAK DISCHARGE (cfs/acre)			
	A	B	C	D
1	1.29 [0.00, 0.24]	2.03 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.69, 2.89]
2	1.56 [0.00, 0.39]	2.28 [0.08, 0.95]	3.14 [0.60, 1.71]	4.70 [1.86, 3.14]
3	1.87 [0.00, 0.58]	2.60 [0.21, 1.19]	3.45 [0.74, 2.00]	5.05 [2.04, 3.39]
4	2.20 [0.05, 0.87]	2.92 [0.38, 1.45]	3.73 [1.00, 2.26]	5.25 [2.17, 3.57]

GRADING/PAVING PLAN

THE FOLLOWING ITEMS CONCERNING LOT B, BLOCK 1, WITH ADDITION, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO ARE CONTAINED HEREON:

- VICINITY MAP
- FEMA FLOODMAP
- DRAINAGE CALCULATIONS

EXISTING CONDITIONS

AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 0.289 ACRES AND IS LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF FORRESTER ST. NW AND MOUNTAIN RD. NW. THE SITE HAS AN EXISTING BUILDING WHICH IS BEING USED AS A RESTAURANT ALONG WITH DETERIORATED PAVED PARKING. THE SITE SLOPES TO THE SOUTH AND WEST. ACCORDING TO THE FLOOD INSURANCE RATE MAP, PANEL 0332D, DATED SEPTEMBER 20, 1996, THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS

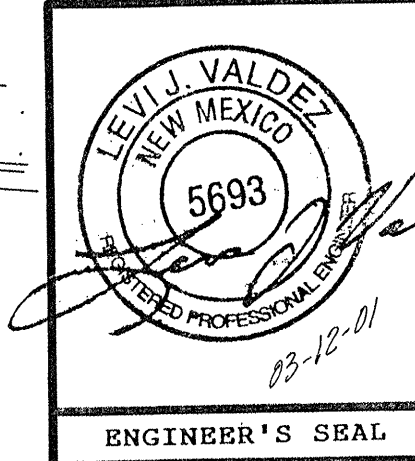
AS SHOWN BY THE GRADING/PAVING PLAN, THE PROJECT WILL CONSIST OF PULVERIZATION OF THE EXISTING ASPHALT PAVED AREAS. THE EXISTING PAVEMENT WILL BE REPLACED WITH NEW ASPHALT ACCORDING TO THE NEW DESIGNED GRADES. THE SITE ALSO CONTAINS AN EXISTING BUILDING, WHICH IS BEING USED AS RESTAURANT TOTALING (2320 SQ. FT.). POSITIVE DRAINAGE WILL BE OUT THE EXISTING DRIVEPADS. THE CALCULATION WHICH APPEAR HEREON, ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRES AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2 HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL VOLUME II, DESIGN CRITERIA DATED 1997, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUN-OFF GENERATED.

DOWNSIDE CAPACITY

THERE IS AN EXISTING "D" INLET LOCATED AT THE EAST NORTH EAST CURB RETURN OF THE INTERSECTION OF MOUNTAIN RD. AND FORRESTER ST. NW. RUN-OFF FROM THE SITE IS ALREADY DIRECTED TO THE EXISTING INLET.

ENGINEER'S CERTIFICATION:

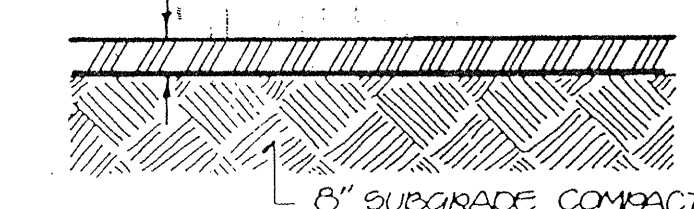
I, LEVI J. VALDEZ, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER NO. 5693, LICENSED AND REGISTERED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT AN ACTUAL ON THE GROUND FIELD SURVEY OF THE GRADES OF THE NEW IMPROVEMENTS SHOWN HEREON VERIFY THAT SAID IMPROVEMENTS WERE CONSTRUCTED IN "SUBSTANTIAL COMPLIANCE" WITH THE APPROVED DRAINAGE PLAN FOR SAID SITE.



(ENGINEER'S CERTIFICATION)

A PROPOSED PAVING PLAN FOR
 GOLD COAST CAFE
 (MOUNTAIN ROAD H.W.)
 ALBUQUERQUE, NEW MEXICO
 MARCH, 2001

2" ASPHALTIC CONCRETE SURFACE COURSE, 1500 # STABILITY



TYPICAL PAVEMENT SECTION
 SCALE: 1" = 1'-0"

DPM SECTION 22.2 - HYDROLOGY

January, 1993 Page A-4

Treatment	Land Condition
A	Soil uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity. Croplands. Unlined arroyos.
B	Irrigated lawns, parks and golf courses with 0 to 10 percent slopes. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes greater than 10 percent and less than 20 percent.
C	Soil compacted by human activity. Minimal vegetation. Unpaved parking, roads, trails. Most vacant lots. Gravel or rock on plastic (desert landscaping). Irrigated lawns and parks with slopes greater than 10 percent. Native grasses, weeds and shrubs, and soil uncompacted by human activity with slopes at 20 percent or greater. Native grass, weed and shrub areas with clay or clay loam soils and other soils of very low permeability as classified by SCS Hydrologic Soil Group D.
D	Impervious areas, pavement and roofs.

Most watersheds contain a mix of land treatments. To determine proportional treatments, measure respective subareas. In lieu of specific measurement for treatment D, the areal percentages in TABLE A-5 may be employed.

TABLE A-10: PEAK INTENSITY (NHR at $t_c = 0.2$ hour)

Zone	Intensity [2-YR, 10-YR]
1	4.70 [1.84, 3.14]
2	5.05 [2.04, 3.41]
3	5.38 [2.21, 3.65]
4	5.81 [2.34, 3.83]

FORRESTER & MOUNTAIN RD. AREA = 0.29 ac.

PRECIPITATION:
 360 = 2.35 in.
 1440 = 2.75 in.
 10day = 3.95 in.

TREATMENT	EXCESS PRECIPITATION	PEAK DISCHARGE
TREATMENT A	0.53 in.	1.56 cfs/ac.
TREATMENT B	0.78 in.	2.28 cfs/ac.
TREATMENT C	1.13 in.	3.14 cfs/ac.
TREATMENT D	2.12 in.	4.70 cfs/ac.

EXISTING CONDITIONS:	PROPOSED CONDITIONS:
TREATMENT A	0 ac.
TREATMENT B	0 ac.
TREATMENT C	0.043 ac.
TREATMENT D	0.246 ac.

EXISTING EXCESS PRECIPITATION:

Weighted E = $(0.53 \times 0.00) + (0.78 \times 0.00) + (1.13 \times 0.00) + (2.12 \times 0.29) = 2.12$
 $V_{100-360} = (2.12 \times 0.29) / 12 = 0.051057 \text{ ac-ft} = 2224 \text{ cf}$

EXISTING PEAK DISCHARGE:

$Q_{100} = (1.56 \times 0.00) + (2.28 \times 0.00) + (3.14 \times 0.00) + (4.70 \times 0.29) = 1.36$

PROPOSED EXCESS PRECIPITATION:

Weighted E = $(0.53 \times 0.00) + (0.78 \times 0.00) + (1.13 \times 0.04) + (2.12 \times 0.25) = 1.07$
 $V_{100-360} = (1.07 \times 0.29) / 12 = 0.047509 \text{ ac-ft} = 2069 \text{ cf}$

$V_{100-1440} = (0.05) \times (0.25) \times 2.75 \times 2.35 / 12 = 0.055709 \text{ ac-ft} = 2427 \text{ cf}$
 $V_{100-10day} = (0.05) \times (0.25) \times 3.95 \times 2.35 / 12 = 0.080309 \text{ ac-ft} = 3488 \text{ cf}$

PROPOSED PEAK DISCHARGE:

$Q_{100} = (1.56 \times 0.00) + (2.28 \times 0.00) + (3.14 \times 0.04) + (4.70 \times 0.25) = 1.29$
 DECREASE 1.38 CFS - 1.29 CFS = 0.07 CFS