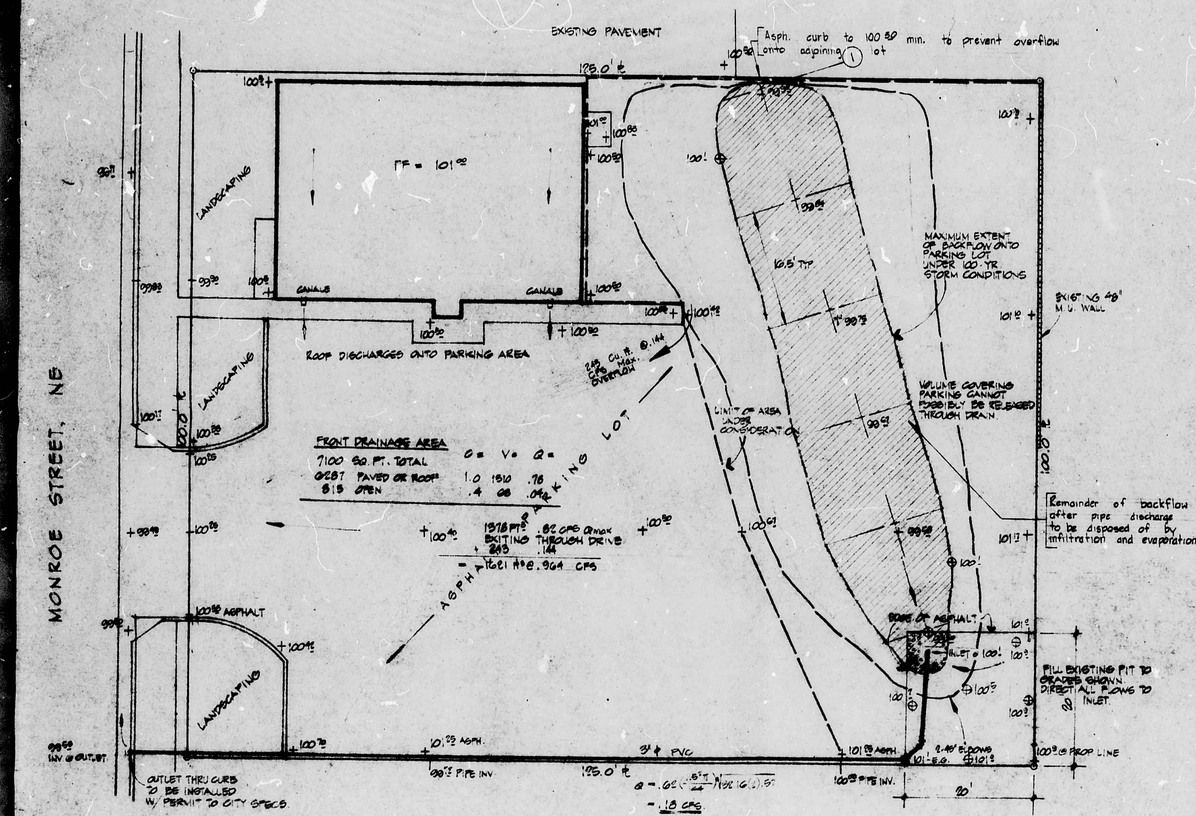
HYDROLOGY K17/ D16 2 PLANS




## CALCULATIONS REAR PORTION ONLY

| | |
|---|---|
| DRAINAGE AREA | 5400 SQ FT ± |
| 100-YEAR STORM | 2.6 IN |
| RUNOFF COEFFICIENT | 1.0 |
| GROSS GENERATED VOLUME | 1125 FT³ |
| ENTIRE AVAILABLE CAPACITY ON REAR PARKING LOT AS SHOWN | 882 FT³ |
| Spill to front = 243 FT³ | |

PAVEMENT —

| | DEPTH (MAX) | SECTION WIDTH | X-SECT. AREA | VOL. |
|---|---|---|---|---|
| 1 | .17 | 10' | .85 | |
| 2 | .26 | 18' | 2.34 | 26 |
| 3 | .35 | 17' | 2.97 | 44 |
| 4 | .43 | 18 | 3.87 | 56 |
| 5 | .52 | 18' | 4.68 | 71 |
| 6 | .60 | 10' | 3.00 | 68 |
| | | | | 260 FT³ |

REMAINING SURFACE VOLUME AT INLET

$.60 \times \frac{28}{3}$ = 8 FT³

TOTAL VOLUME TO BE DISPOSED BY INFILTRATION 268 FT³

THE REMAINING 597 FT³ CAN BE RELEASED THROUGH THE PROPOSED DRAIN PIPE AND MONROE STREET.

AS BUILT DRAINAGE SCHEME
(PAGHANIAN RESTAURANT)
FOR
NICK KAY CONST. CO.

PREPARED BY:
ENCHANTMENT ENGINEERING
1817 EUBANK BLVD. NE
ALBUQUERQUE, NEW MEXICO
294 8850

JULY 7, 1980

REVISED: NOVEMBER 10, 1980

APPROVED FOR DRAINAGE
4-27-81
DATE
SIGNATURE P.E.
TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED
Revised plan approved — No ponding was required per the original plan.

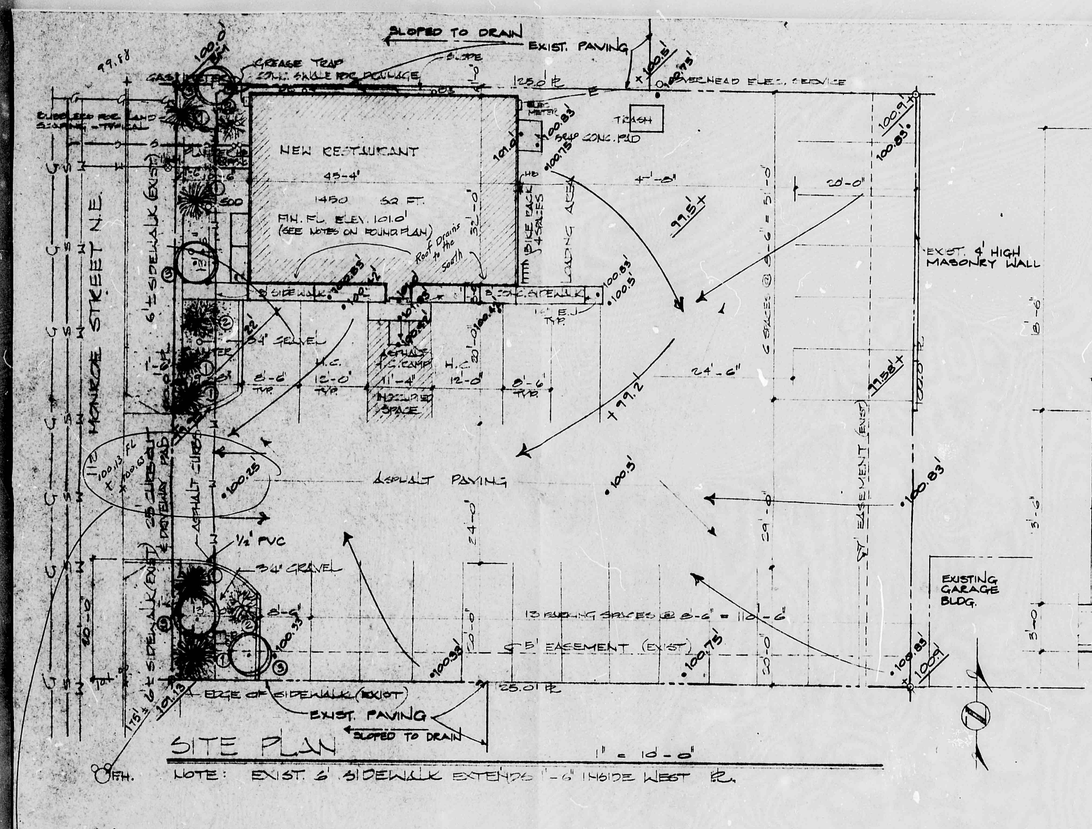
Revised 4-22-81

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

K17/D16

2 Plans

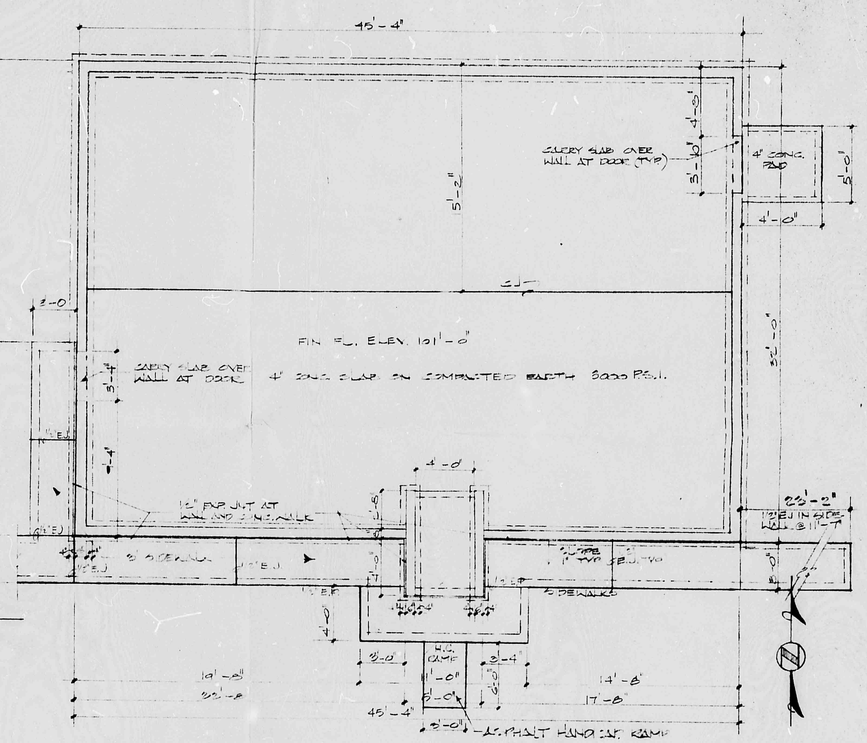
CITY OF ALBUQUERQUE




SITE PLAN

1" = 10'-0"

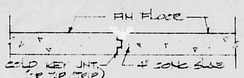
NOTE: EXIST. 6' SIDEWALK EXTENDS 1'-6" INSIDE WEST P.L.




FOUNDATION PLAN

1/4" = 1'-0"

NOTES:
- FIN. FL. ELEV. 100.0' = 5111.5 FROM SURVEY
- BOTTOM OF FOOTING 98.0'
- ALL EXT. CONCRETE TO BE 2500 P.S.I. AIR & SEALED PER INDUSTRY STANDARDS




E.J. DETAIL NTS

## CODE DATA & CONSTRUCTION NOTES

| | |
|---|---|
| CONSTRUCTION TYPE | V-N |
| OCCUPANCY TYPE | A-2 |
| ZONING | C-2 |
| FIRE ZONE | II |
| ROOF LIVE LOAD | 20 |
| WIND LOAD | 15 PSF |
| SEISMIC ZONE | 15 PSF (HORIZ) |
| SOIL PRESSURE | III |
| CONC. STRENGHT | 2500 PSI |
| WOOD STRENGHT | 2500 PSI @ 28 DAYS |
| #2 OR BETTER | fb = 900 PSI |
| PINE (SINGLE) | fv = 1180 PSI |
| (SUBSTITUTE) | fc⊥ = 1000 PSI |
| HEM-FIR (SINGLE) | fc∥ = 1400 PSI |
| (SUBSTITUTE) | E = 1400 PSI |
| SEATING CAPACITY | 50 |
| PARKING REQUIRED | 19 SPACES |
| ACTUAL PARKING | 23 SPACES |
| LANDSCAPING REQUIRED-7% OF 10,031 SQ. FT. | 702 SQ. FT. |
| LANDSCAPING PROVIDED-7.5% | 752 SQ. FT. |
| ZONING MAP | K-17 |

PRELIMINARY REVIEWED BY CALL 9-25-80. I FELT HIM THAT THE P.L. MUST BE 3' ABOVE TOP OF CURB. 9/26/

WILL SUBMIT REVISED COPY

+ 79.58' EXIST. SPOT ELEVATION

• 98.75' NEW SPOT ELEVATION

| LEGAL DESCRIPTION | |
|---|---|
| LOT (PLAT 1010/79) | 29A |
| BLOCK | 41 |
| VALLEY VIEW ADDITION | |
| MAP K-17 | |

| LANDSCAPING LEGEND | | N.I.C. |
|---|---|---|
| ① YUCCA | 4-6 FT. | 5 GAL. |
| ② JUNIPER | 4-6 FT. | 5 GAL. |
| ③ PURPLE LEAF PLUM | | 8-10 FT. |

APPROVED FOR DRAINAGE
2-25-80
DATE
Lionel Montoya Jr. Fed Agents
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED

SHEET NO. F-1

ROBERT FAIRBANKS ARCHITECTURE A.I.A.
ALBUQUERQUE, N.M.
505 345-3504

REVISIONS

PLANS BY ENN
DATE 10/16/79

PROJECT
NEW RESTAURANT FOR
VRC & VRB PARTNERSHIP
1121 MONROE STREET N.E.
ALBUQUERQUE, N.MEX.

JOB NO. 7938

SHEET TITLE
SITE PLAN
FOUNDATION PLAN

SHEET NO. F-1

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT