



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 3, 1995

J. Arsenio Martinez
Rodriguez Development Consultant
12800 San Juan NE
Albuquerque, NM 87123

RE: DRAINAGE PLAN FOR AN ADDITION TO 514 COORS SW MARKET
BUILDING & AUTO FUELING FACILITY (K11-D49) ENGINEER'S
STAMP DATED 12/22/94.

Dear Mr. Martinez:

Based on the information provided on your December 27, 1994
submittal, the above referenced site is approved for Building
Permit.

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

If I can be of further assistance, please feel free to contact me
at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: 514 COORS BLVD. S.W. ZONE ATLAS/DRNG. FILE #: K-11-Z/049
 DRB #: _____ EPC #: _____ WORK ORDER #: _____
 LEGAL DESCRIPTION: LOTS 87, 88, 89 & S'LY 20' OF LOT 90, RIDGRANDE HEIGHTS
 CITY ADDRESS: 514 COORS BLVD. S.W.
 ENGINEERING FIRM: J. ARSENIO MARTINEZ, P.E. CONTACT: MR. MARTINEZ
GEORGE T. RODRIGUEZ MR. RODRIGUEZ
DEVEL. CONSULTANT
 ADDRESS: 12800 SAN JUAN N.E. 87123 PHONE: 294-0320
 OWNER: MIHAI SPILCA CONTACT: MR. SPILCA
 ADDRESS: 514 COORS BLVD. S.W. PHONE: _____
 ARCHITECT: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 SURVEYOR: TORRES SURVEYING CO. CONTACT: MR. JIM TORRES
 ADDRESS: 1570 BRIDGE BLVD. S.W. PHONE: 856-8898
 CONTRACTOR: SUN-DOR CONST. CO. CONTACT: MANUEL BARRAZA
 ADDRESS: ? ~~EA~~ PHONE: 836-4613

TYPE OF SUBMITTAL:

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

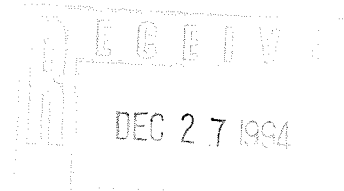
PRE-DESIGN MEETING:

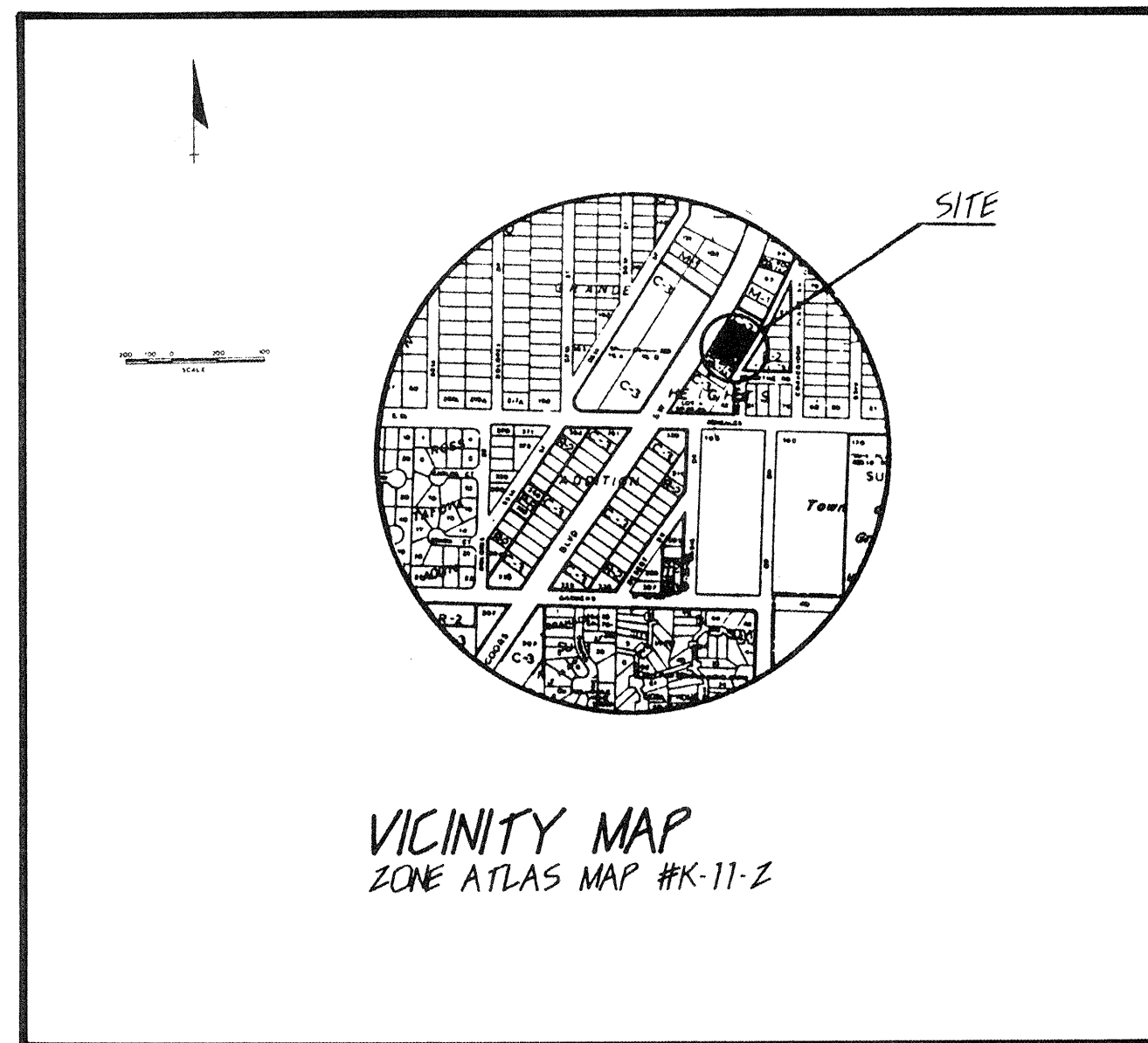
- ☒ YES
☐ NO
☐ COPY PROVIDED

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: 12-22-94
 BY: GEORGE T. RODRIGUEZ

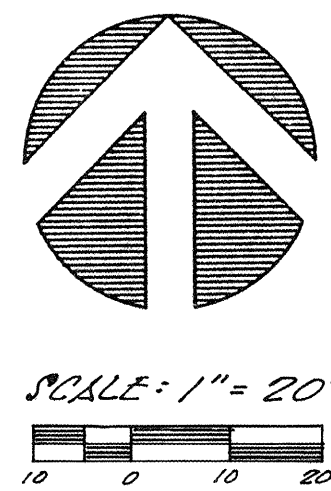




EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF 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 SITE AND ENTERING ADJACENT PROPERTIES.
- ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.



CONSTRUCTION NOTES:

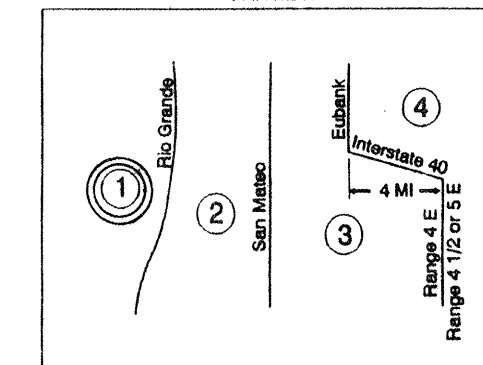
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, 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 APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE 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.

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, groundwater 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 weat soils. 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.

NOTE: CONTRACTOR TO PROVIDE WATERPROOF (PLASTIC) MEMBRANE ALONG NEW ADDITION FOUNDATION FOR MOISTURE PROTECTION FROM PONDING AREA.

DRAINAGE CALCULATIONS

REFERENCES:

- CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) VOL. 2 DESIGN CRITERIA, CHAPTER 22: DRAINAGE, FLOOD CONTROL, AND EROSION CONTROL.
- SOIL SURVEY OF BERNALILLO COUNTY AND PARTS OF SANDOVAL AND VALENICA COUNTIES, NEW MEXICO, UNITED STATES DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE.
- FLOODWAY, FLOOD BOUNDARY AND FLOODWAY MAP, CITY OF ALBUQUERQUE, NEW MEXICO, PANEL 27 OF 50.
- ZONE ATLAS PAGE K-11-2.

GENERAL INFORMATION:

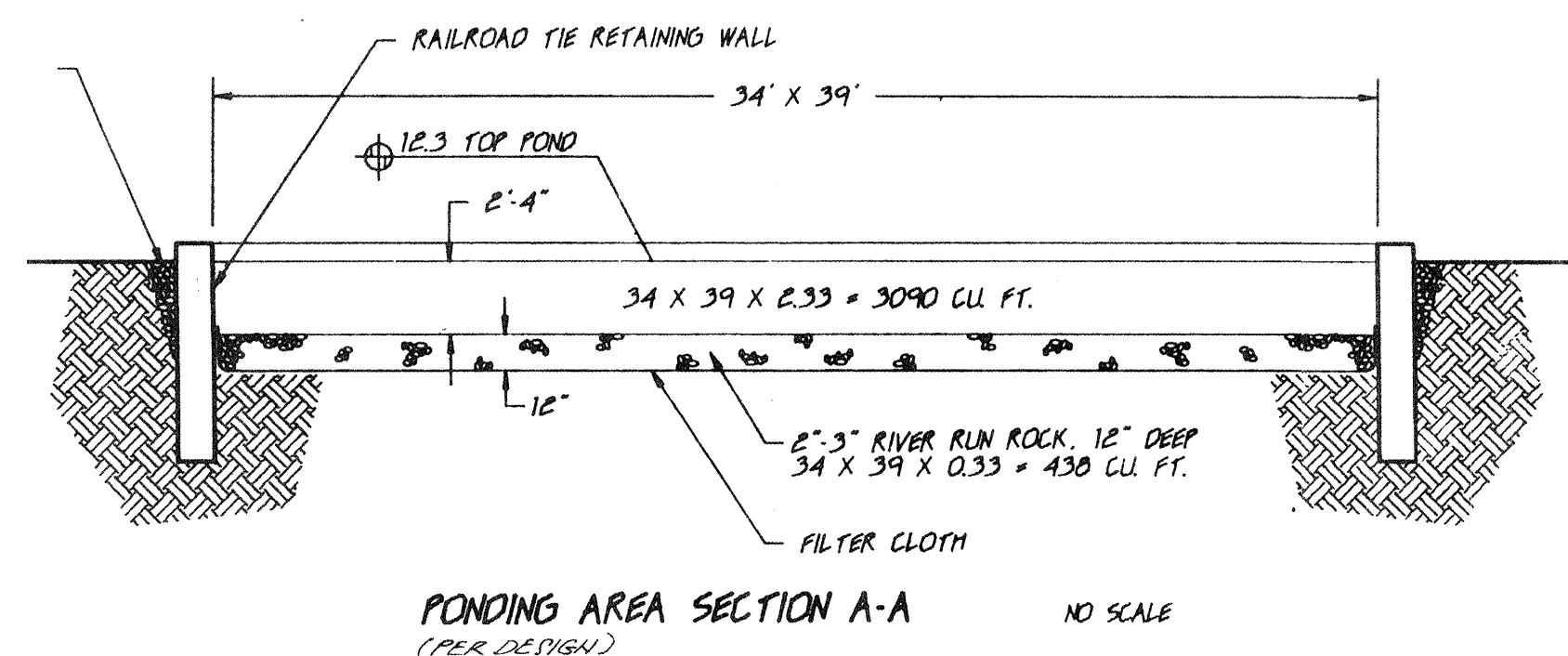
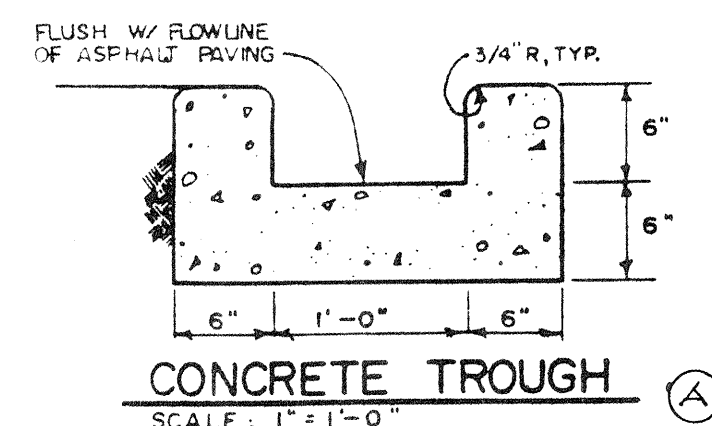
- SOIL TYPE (REF. B, SHEET NO. 30) SOIL TYPE IS MADUREZ-WINK ASSOCIATION (MWA), HYDROLOGIC SOIL GROUP "B".

DRAINAGE COMMENTS:

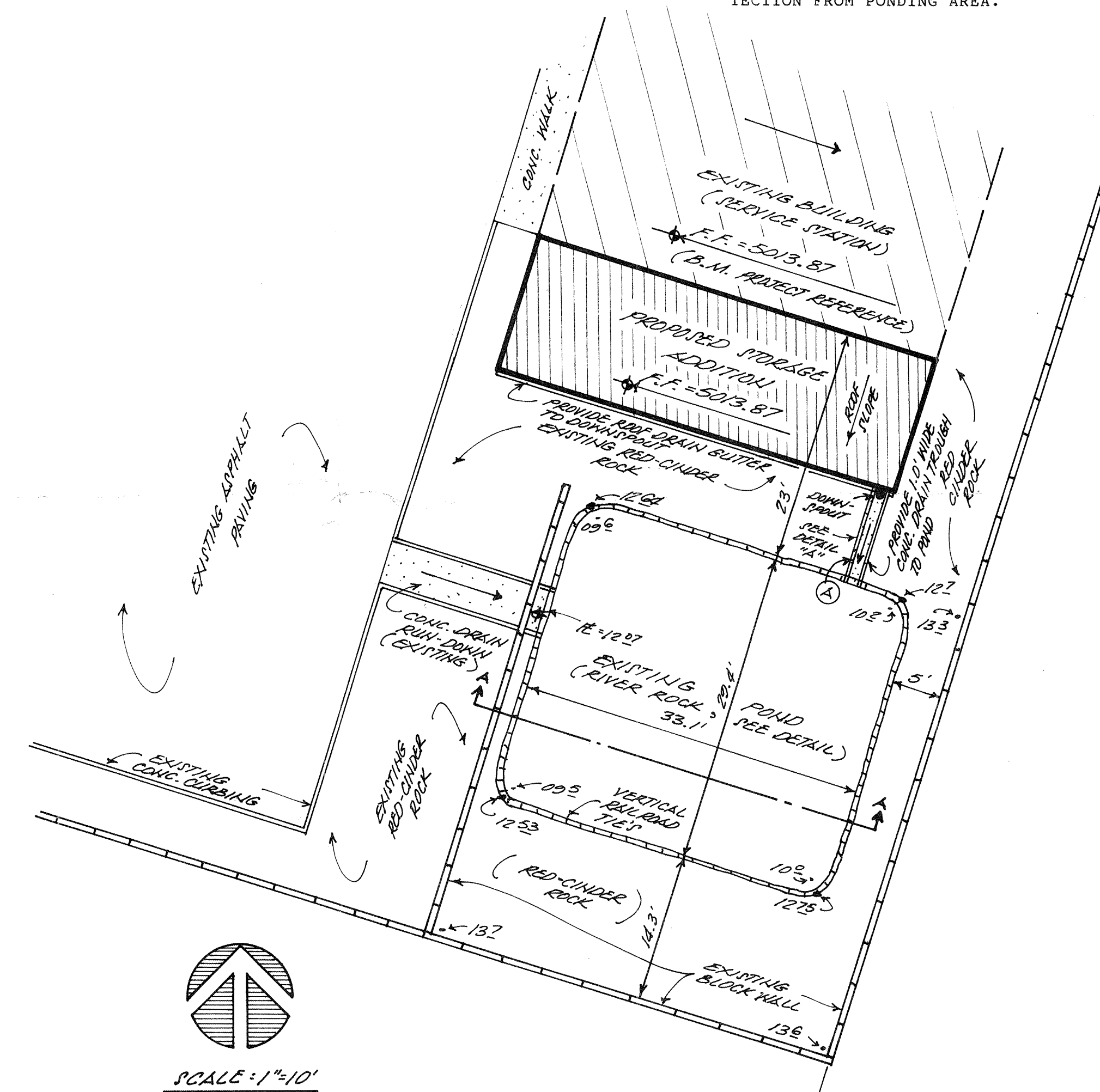
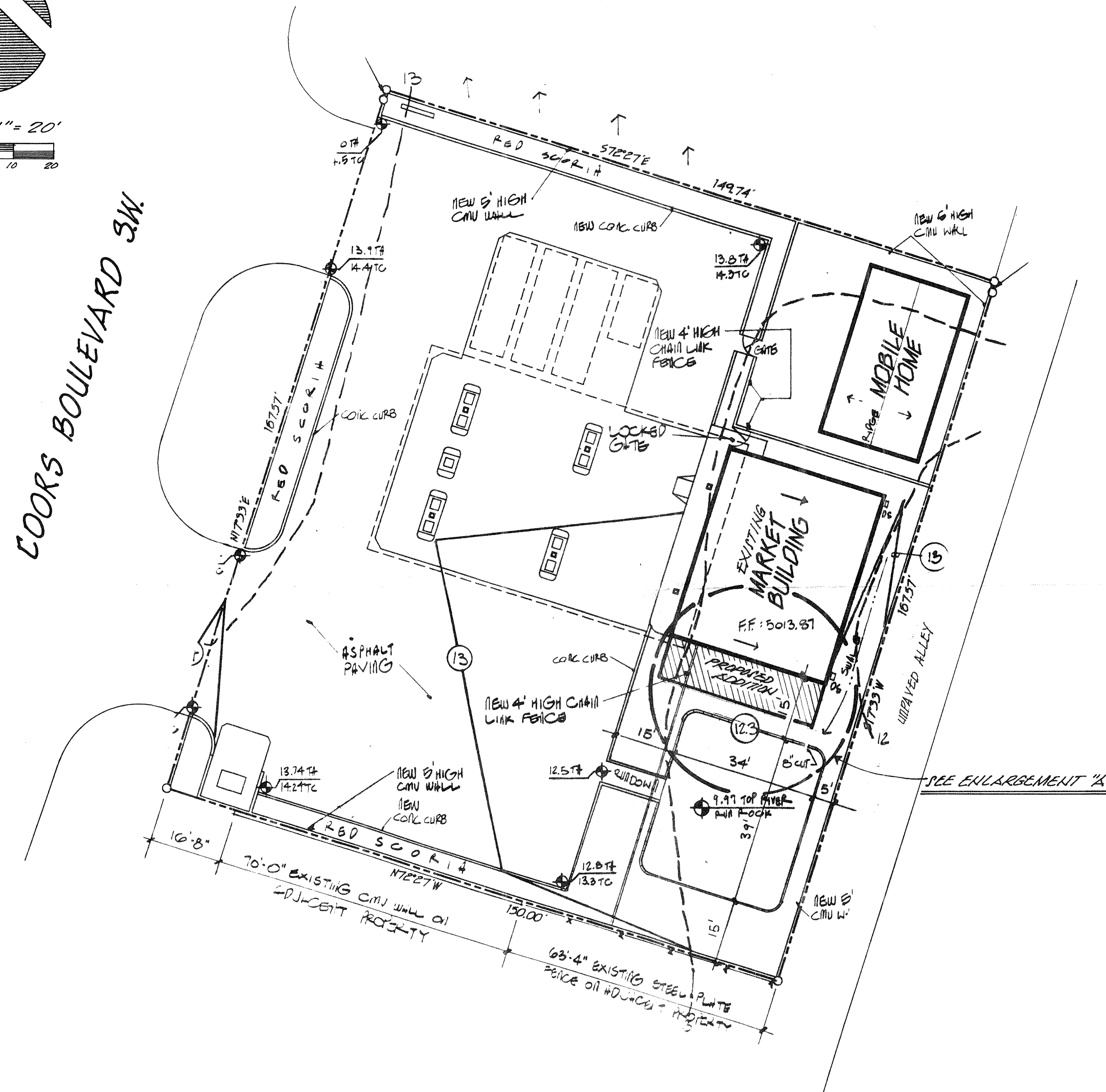
AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED ON THE EAST SIDE OF COORS ROAD S.W. BETWEEN CENTRAL AVENUE AND GONZALES ROAD S.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE PROPOSED PLAN IS FOR A PROPOSED BUILDING ADDITION TO AN EXISTING SERVICE STATION AND MARKET FACILITY LOCATED AT 514 COORS BLVD. S.W.; THE ADDITIONAL AREA OF 628.0 SQUARE FEET WILL GENERATE AN ADDITIONAL VOLUME OF 103.6 CU. FT. THAT WILL BE DIRECTED TO THE EXISTING POND THAT HAS SUFFICIENT CAPACITY FOR THE DEVELOPED PROJECT SITE AND PROPOSED IMPROVEMENTS, (ANY OVERFLOW FROM SAID EXISTING POND WILL SPILL INTO THE EXISTING PAVED PARKING AREA).

CALCULATION: $\frac{2.20}{12} \times 628.0 \times 0.90 = 103.6$ CU. FT. ADDITIONAL VOLUME GENERATED



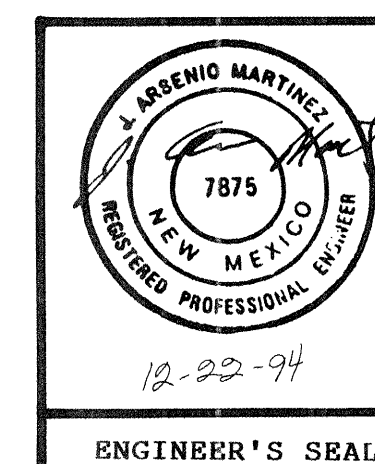
COORS BOULEVARD SW.



LEGAL DESCRIPTION:

LOTS EIGHTY-SEVEN (87), EIGHTY-EIGHT (88), EIGHTY-NINE (89), AND THE SOUTH TWENTY FEET (20') OF LOT NINETY (90) OF RIO GRANDE HEIGHTS, AN ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO

TEMPORARY BENCHMARK IS NAIL SET IN SOUTHWEST QUADRANT OF POWER POLE, APPROXIMATELY 3" ABOVE GRADE



A PROPOSED ADDITION TO
A MARKET BUILDING AND AUTO FUELING FACILITY
FOR
MIHAI SPILCA
514 COORS BLVD. S.W.
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1994

