



- 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- 2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
- 3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
- 4. REPAIR OF DAMAGED FACILITIES AND CLEAN—UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
- 6. ALL SITES OVER 1 ACRE DISTURBANCE REQUIRE FEDERAL NPDES PERMIT.

KEYED NOTE:

A NEW CONCRETE SIDEWALK

Drainage Plan for Unplatted Lands, within the NE 1/4 of Section 16, Township 10

North, Range 3 East, N.M.P.M.

The project is located southwest of Indian School Rd and University Blvd, NE. The site is the location of an existing gas station and convenience store and has been developed for many years. This project proposes to add a 315 square foot expansion to the existing building on the site. The site is located on Zone Atlas Page J-15 and contains approximately 0.447 acres.

The site is located on FIRM map 35001C0332E and 35001C0351E which show the site is not within a 100-year floodplain. The drainage across the site is from east to west and therefore no flows enter the site from the south or west. Drainage from the east and north is captured by adjacent roadways.

The existing on-site 100-year drainage of 2.24 cfs sheet flows across the site and flows out the three driveway entrances. The developed conditions will not increase or decrease the peak discharge. Drainage patterns will remain as is prior to the proposed improvements.

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A S1-35211 SU-2 SU-1 PARK	NETHERWOOD	VIII ACE	BROWNSTONETRACT AM	R-3
	SP-81-317	C.3 (D-72-12)	FLOOD CONTROL AUTHORITY PHASE 2	H1 6 S
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35001C0332E AND 35001C0351E

Weighted E Method

												100-Year			10-Year	
Basin	Area	Area	Treat	ment A	Treatn	nent B	Treatn	nent C	Treat	tment D	Weighted E	Volume	Flow	Weighted E	Volume	Flow
	(sf)	(acres)	%	(acres)	%	(acres)	%	(acres)	%	(acres)	(ac-ft)	(ac-ft)	cfs	(ac-ft)	(ac-ft)	cfs
Existing	19,473	0.45	0%	0	0%	0.00	0%	0.00	100%	0.45	2.360	0.088	2.24	1.500	0.056	1.52
Developed	19 473	0.45	0%	0	0%	0.00	0%	0.00	100%	0.45	2.360	0.088	2.24	1.500	0.056	1.52

FIRM MAP:

Equations:

Weighted E = Ea*Aa + Eb*Ab + Ec*Ac + Ed*Ad / (Total Area)

Volume = Weighted D * Total Area

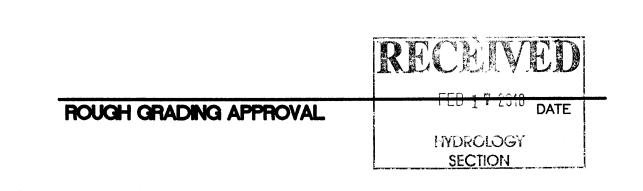
Flow = Qa * Aa + Qb * Ab + Qc * Ac + Qd * Ad

Excess Precipitation, E (inches)						
Zone 3	100-Year	10 - Year				
Ea	66	0.19				
Ε _b	0.92	0.36				
E _c	1.29	0.62				
E _d	2.36	1.5				

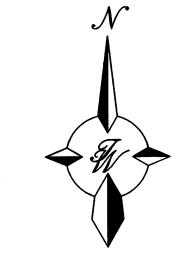
Peak	Peak Discharge (cfs/acre)					
Zone 3	100-Year	10 - Year				
Q	1.87	0.58				
Q _b	2.6	1.19				
Qç	3.45	2.00				
Q_d	5.02	3.39				

LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
5010	CONTOUR MAJOR
5011	CONTOUR MINOR
x 5048.25	SPOT ELEVATION
——————————————————————————————————————	FLOW ARROW
	EXISTING CURB & GUTTE
	EXISTING BOUNDARY LINE
5010	EXISTING CONTOUR MAJO
	EXISTING CONTOUR MINO
x 5048.25	EXISTING SPOT ELEVATION
	NEW LANDSCAPING

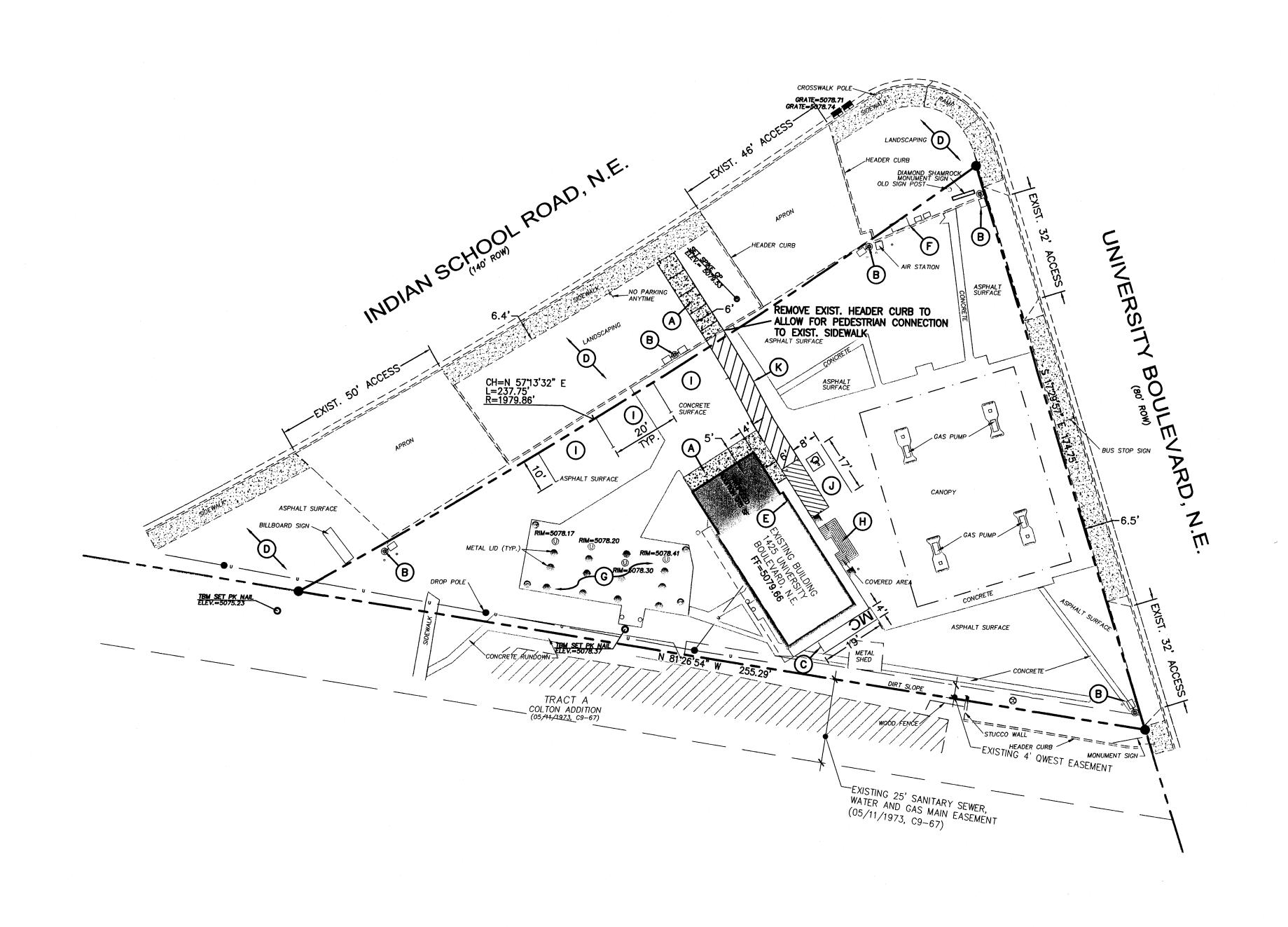


ENGINEER'S SEAL	VALERO, INDIAN SCHOOL RD AND	DRAWN BY DY
O RAY BOW	UNIVERSITY BLVD	<i>DATE</i> 2/02/10
PROFESSIONAL PROFE	GRADING AND DRAINAGE PLAN	2949-GRE
	ŧ	SHEET #
	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100	1
RONALD R. BOHANNAN P.E. # 7868	tierrawestllc.com	JOB # 29049



GRAPHIC SCALE

SCALE: 1"=20'



SITE DATA

PROPOSED USAGE: **ZONING:**

LOT AREA: **BUILDING AREA:**

19,473 SF (0.44 ACRE) 960 SF (EXISTING)

315 SF (ADDITION) 1,275 SF TOTAL

COMMERCIAL

12 SPACES

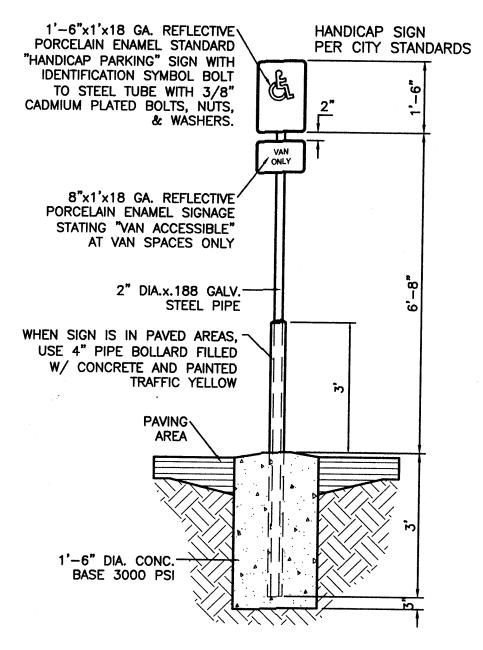
9 SPACES

C-3

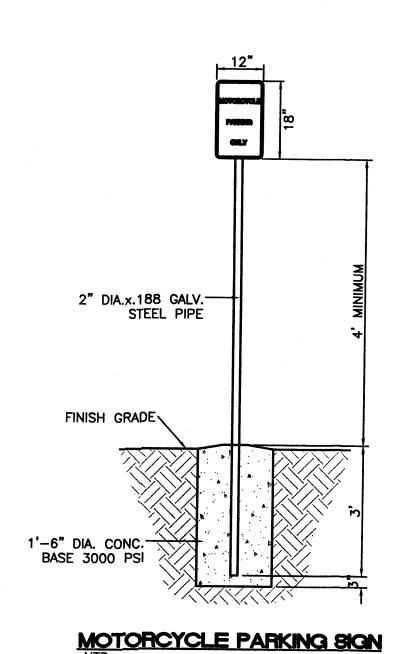
PARKING PROVIDED: PARKING REQUIRED: HC PARKING PROVIDED:

1 SPACES HC PARKING REQUIRED: 1 SPACES O SPACES VAN ACCESSIBLE

MOTORCYCLE PARKING PROVIDED: 1 SPACES MOTORCYCLE PARKING REQUIRED: 1 SPACES

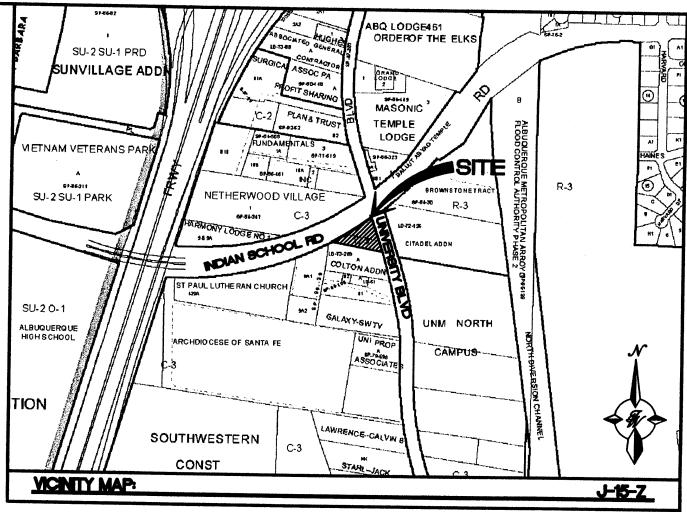


HANDICAP SIGN



LEGEND

CURB & GUTTER
BOUNDARY LINE
 EASEMENT
CENTERLINE
RIGHT-OF-WAY
BUILDING
SIDEWALK
EXISTING AREA LIGHT
 LANE
STRIPING
EXISTING CURB & GUTTER
EXISTING BOUNDARY LINE
EXISTING SIDEWALK
 EXISTING LANE
EXISTING STRIPING

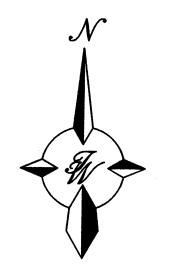


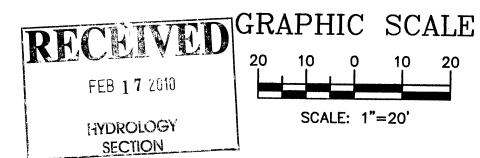
LEGAL DESCRIPTION

DIAMOND SHAMROCK STATIONS, INC. UNPLATTED LANDS, WITHIN THE NE 1/4 OF SECTION 16, TOWNSHIP 10 NORTH, RANGE 3 EAST, N.M.P.M.

KEYED NOTE:

- A NEW CONCRETE SIDEWALK
- B EXIST. AREA LIGHT TO REMAIN
- © MOTORCYCLE SIGN PER COA SPECIFICATIONS (SEE DETAIL THIS SHEET)
- D EXIST. LANDSCAPE AREA TO REMAIN
- E HANDICAP PARKING SIGN PER COA SPECIFICATIONS (SEE DETAIL THIS SHEET)
- F EXIST. PAYPHONES TO REMAIN
- © UNDERGROUND TANKS TO REMAIN
- H EXIST. HANDICAP RAMP TO REMAIN
- NEW 10' X 20' PARALLEL PARKING SPACE
- J 8' X 17' HANDICAP PARKING SPACE
- K 6' WIDE PEDESTRIAN ACCESS





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ENGINEER'S SEAL	VALERO, INDIAN SCHOOL RD AND	DRAWN BY DY
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	TRAFFIC CIRCULATION	2/02/10
	LAYOUT	2949-TCL
	1	SHEET #
	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100	1
RONALD R. BOHANNAN P.E. #7868	tierrawestllc.com	JOB # 29049
**		23043

NOTE:

VARIANCE OF 2,730 SF TO THE 2,730 SF MINIMUM 15% OF LANDSCAPING AREA REQUIREMENT ON THIS LOT GRANTED PER PROJECT NO. 1008096, SPECIAL EXCEPTION NO. 09ZHE-80402 DATED 01-25-10.