

## LANDSCAPE NOTES:

1. LANDSCAPING SHALL BE PER "PLANTING RESTRICTIONS APPROACH":

MEDIUM AND LOW WATER USE TREES/PLANTS 80% (MINIMUM) OF LANDSCAPED AREA: WATER REQUIREMENTS: (H) = HIGH, (M) = MEDIUM, (L) = LOW, NOTED ON SCHEDULE IS PER ALBUQUERQUE PLANT LIST.

**GENERAL:** 

LANDSCAPED AREAS: SHALL BE PREPARED WITH REQUIRED AND

SUITABLE AMENDMENTS FOR PLANTING AND MAINTAINING SOD, TREES, SHRUBS, ETC. EXCAVATE TO NATURAL SUBSOIL LEVEL: FILL WITH CLEAN SUBSOIL AND 4" TOPSOIL (MINIMUM) CONTAINING HUMUS, (FREE OF DEBRIS, WEEDS, FIELD GRASSES, ETC.)

TREES: SHALL BE 2"O CALIPER (MINIMUM) AT 2' ABOVE GROUND AND SHALL BE 10'-0" (MINIMUM) IN HEIGHT.

PLANTS / SHRUBS: SHALL BE 5 GALLON (MINIMUM).

GROUND COVER: SHALL BE ESTABLISHED WITHIN ONE (1) YEAR OF PLANTING (MAXIMUM).

SOD, PLANTINGS, SHREDDED BARK, RIVER-RUN GRAVEL SHALL BE OVER SOIL TREATED FOR WEED

IRRIGATION: UNDERGROUND SPRINKLER AND DRIP SYSTEM AS FOLLOWS:

(CONTRACTOR SHALL SUBMIT PLAN AND SPECIFICATIONS FOR SYSTEM PROPOSED).

> VALVE BOXES PRESSURE LINES: SCHEDULE 40 PVC LATERAL AND DISTRIBUTION LINES: CLASS 200 PVC HEADS: POP-UP TYPE INSTALLED IN LAWN AREAS CONTROL WIRE: SOLID COPPER, UL APPROVED

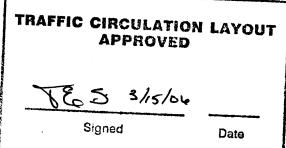
NOTE: OWNER SHALL MAINTAIN LANDSCAPING.

NOTE: LANDSCAPING PLAN SHALL BE IN COMPLIANCE WITH THE CITY OF ALBUQUERQUE WATER CONSERVATION, POLLUTION, AND WASTE WATER ORDINANCE.



ARTEMISIA CANA (SILVER SAGE) = Commen

PURPLE ICEPLANT - 3/11 VIII \* GRAVEL MULCH (3/4" SANTA FE BROWN)
BROWND COVER

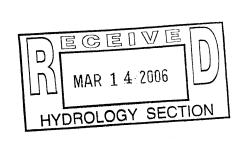


SITE DATA:

**USAGE: AUTO REPAIR SHOP** ZONED: "C-2"

LOT AREA: 0.29 ACRE BUILDING AREA: 4,500.0 SQ. FT. LANDSCAPE AREA REQ. = 1,200 SQ. FT.

LANDSCAPE AREA PROVIDED = 1,844.0 SQ.FT. PARKING REQ. = 4,500.0/200 = 23 SPACES -10% BUS ROUTE = 2 SPACES NET SPACES REQ. = 21 SPACES ? SPACES PROVIDED = 19 SPACES



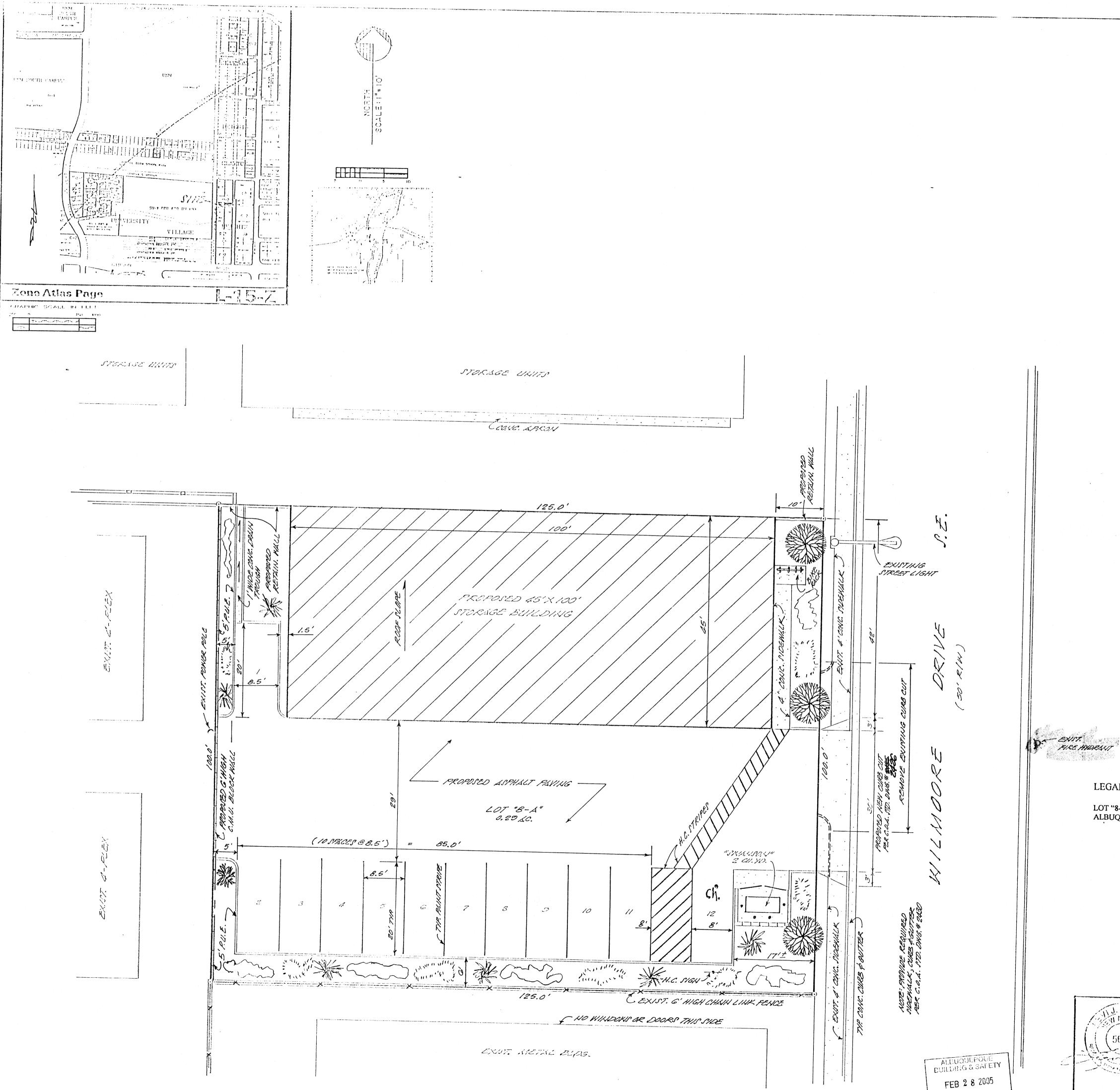
ALBUQUERQUE BUILDING & SAFETY MAR 1 8 2005

TRAFFIC CIRCULATION LAYOUT AN CHECK SECTION

JANUARY, 2005

A PROPOSED PLAN FOR AN **AUTO REPAIR SHOP** (1831 WILMOORE DRIVE S.E.)





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VALVE BOXES PRESSURE LINES: SCHEDULE 40 PVC

LATERAL AND DISTRIBUTION LINES: CLASS 200 PVC HEADS: POP-UP TYPE INSTALLED IN LAWN AREAS CONTROL WIRE: SOLID COPPER, UL APPROVED

NOTE: OWNER SHALL MAINTAIN LANDSCAPING.

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LEGEND:

SKIZONS ASH = THE

ARTEMISIA CAMA (SILVER SAGE) = Comment YUCCA PENDULA =

PURILE ICEPLANT - TIM VINON \* GRAYEL MULCH (3/4" SANTA FE BEOKIN)
BROWN COVER

TRAFFIC CIRCULATION LAYOUT APPROVED

SITE DATA:

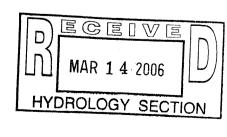
LEGAL DESCRIPTION:

ENGINEER'S SEA

LOT "8-A", BLOCK 14, CLAYTON HEIGHTS ADDITION, ALBUQUERQUE, NEW MEXICO.

USAGE: AUTO REPAIR SHOP ZONED: "C-2" LOT AREA: 0.29 ACRE BUILDING AREA: 4,500.0 SQ. FT. LANDSCAPE AREA REQ. = 1,200 SQ. FT. LANDSCAPE AREA PROVIDED = 1,844.0 SQ. FT. PARKING REQ. = 4,500.0/200 = 23 SPACES

-10% BUS ROUTE = 2 SPACES NET SPACES REQ. = 21 SPACES SPACES PROVIDED = 19 SPACES

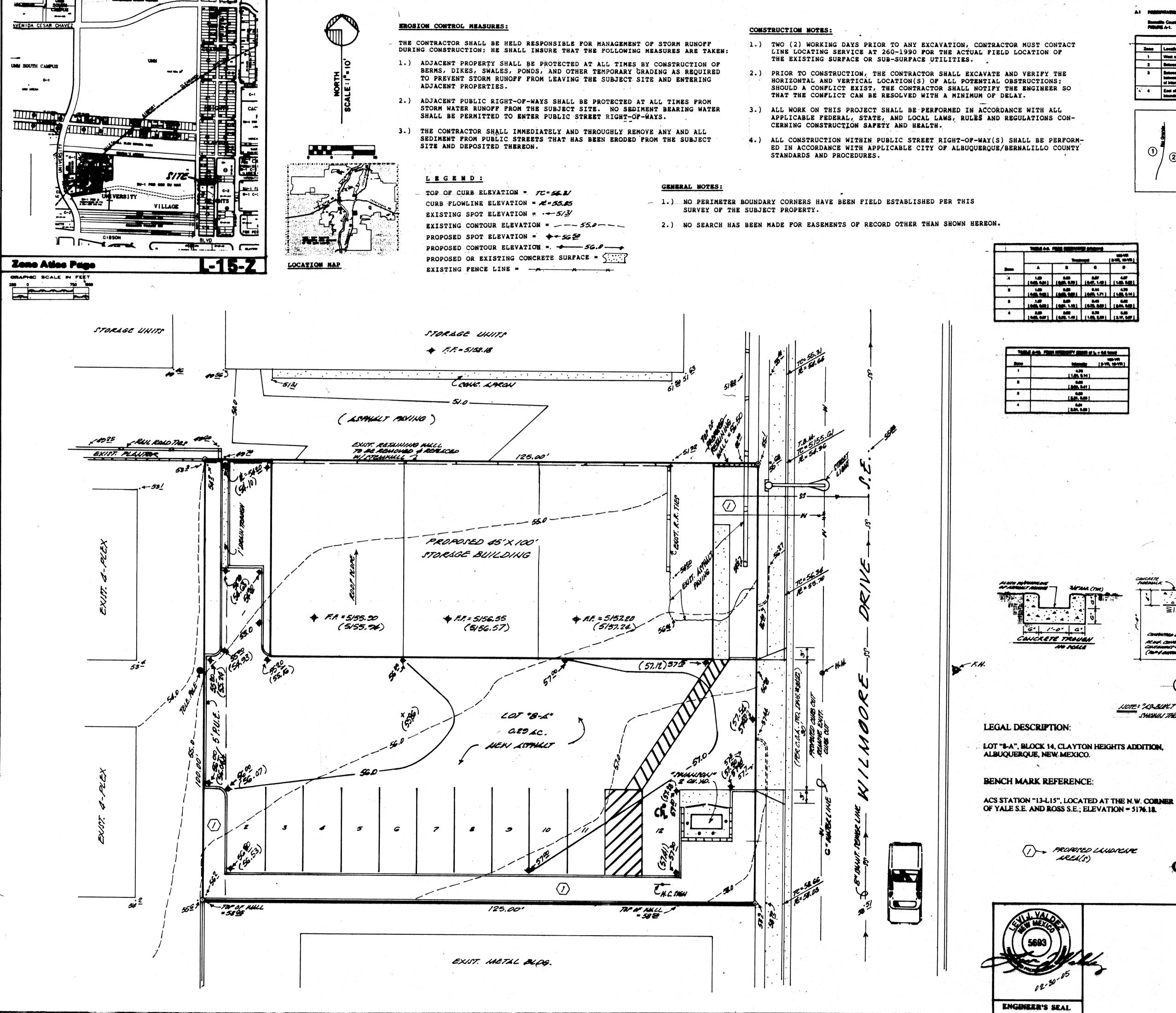


ALBUQUERQUE BUILDING & SAFETY MAR 1 8 2005

TRAFFIC CIRCULATION LAYOUT AN CHECK SECTION

A PROPOSED PLAN FOR AN **AUTO REPAIR SHOP** ( 1831 WILMOORE DRIVE S.E. ) ALBUQUERQUE, NEW MEXICO

JANUARY, 2005



- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR THE ACTUAL FIELD LOCATION OF
- 2.) 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
- 3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CON-
- 4.) ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORM-ED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY

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	•	1000 0001	9,00 [9,001, 1,10]	0.46 [0.75, 8.69]	[207.500]
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	TABLE A-1. PRESIDENTATION 20168
Zene	Lecution
1	West of the Rio Grands
2	Between the File Grande and San Meteo
3	Setures San Mates and Euberts, North of Interstate 40; and between San Mates 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 Mange 4 East, South of Interstate 40

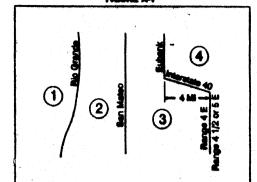


TABLE A-4. LAND TREATMENTS						
Treatment	Land Condition					
*	Soil uncompacted by human activity with 0 to 10 percent slopes. Native grasses, weeds and shrubs in typical densities with minimal disturbance to grading, groundcover and infiltration capacity. Croplands. Unlined arroyce.					
8	trigated lewns, parks and golf courses with 0 to 10 percent slopes. Netwo grasses, weeds and shrubs, and sell uncompacted by human activity with slopes greater than 10 percent and less than 20 percent					
C	Soil compensed by human activity. Minimal vegetation. Unpaived parting, 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 activit 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.					

ent D, the areal percentages in TABLE A-5 may be employed

### Drainage Comments:

As shown on the Vicinity Map hereon, the subject site is locatedon the West side of Wilmoore Drive S.E. and North of Gibson Blvd. S.E., in the City of Albuquerque, Bernalillo County, New Mexico.

The subject site, 1.) Does not lie within a designated Floodplain (Re: F.E.M.A. Panel 361 of 825), 2.) Does not lie adjacent to a natural or artificial water course, 3.) Does contribute to the offsite flows to the property North of and adjacent to the subject site, 4.) Does not accept offsite flows from adjacent properties.

#### Drainage Calculations:

Per Section 22.2, Hydrology of the Development Process Manual, Volume 2. Design Criteria For the City of Albuquerque, New Mexico, January

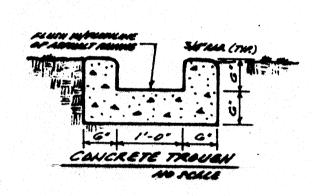
Site Area : 0.29 Acres

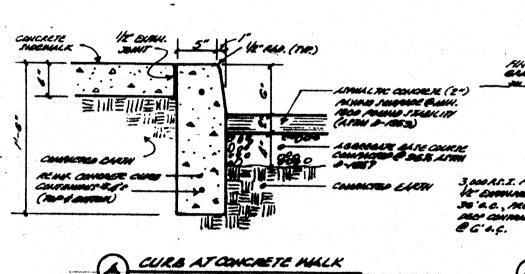
Precipitation Zone : Two (2)

Peak Intensity: In./Hr. at T = Twelve (12) minutes, 100-yr. = 5.05 Existing Conditions:

Treatment	Area/Acres	Area/Acres Factor			Cfs	
C	0.29	X	3.14	#	0.91	
"Qp" = 0.9	l cfs					
Proposed C	conditions:					
Treatment	Area/Acres		Factor		Cfs	
c	0.04	X	3.14	=	0.13	
D	0.25	X	4.70	-	1.18	

\*\*\* Increase = 0.40 cfs





HOTE: "KS BURT" ELEKTIONS SHOWN THUS (54.93)

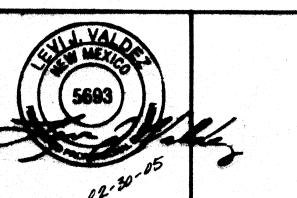
# **DRAINAGE CERTIFICATION:**

I, LEVI J. VALDEZ, N.M.P.E. NO. 5693, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED PERCURY 30, 2005. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOW-LEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A RE-QUEST FOR PERMANENT CERTIFICATE OF OCCUPANY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSES.

PROPOSED LAUDICARE

GRADING AND DRAINAGE PLAN ENGINEER'S CERTIFICATION



ENGINEER'S SEAL

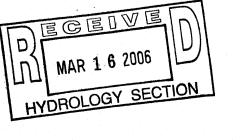
MEA(S)

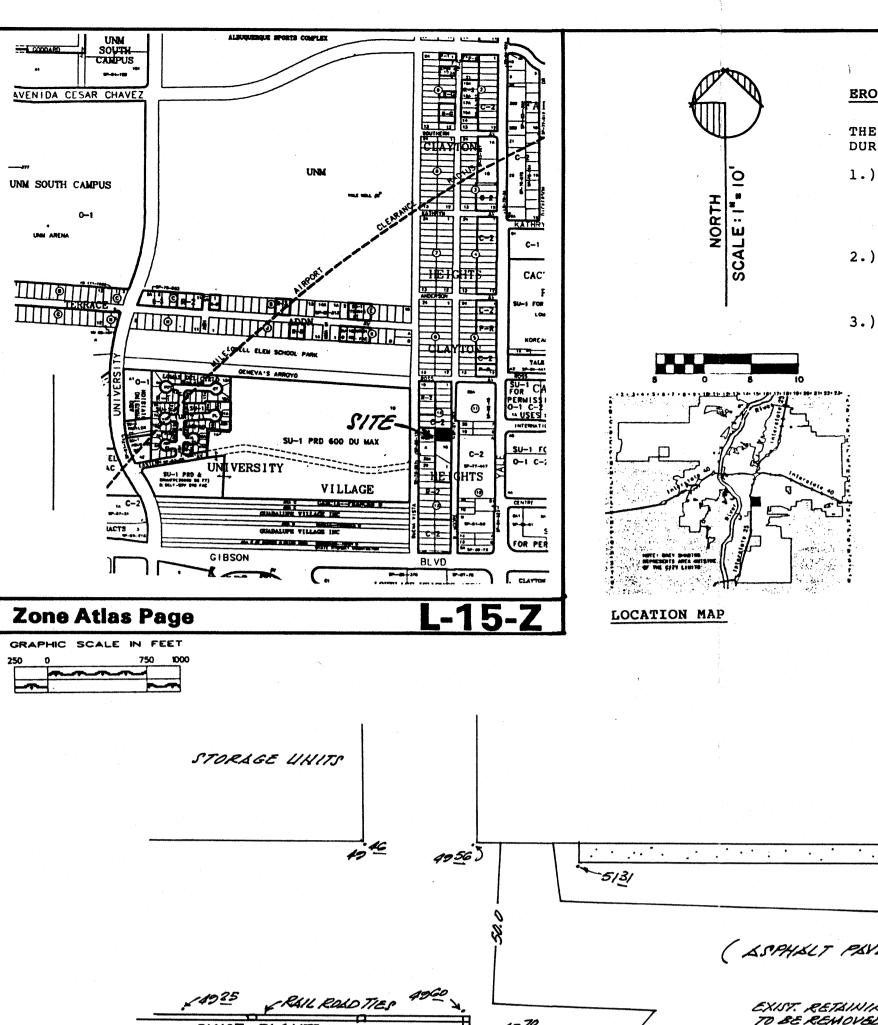
A PROPOSED PLAN FOR AN

(MSRCH16200G)

**AUTO REPAIR SHOP** (1831 WILMOORE DRIVE S.E.) **ALBUQUERQUE, NEW MEXICO** 

JANUARY, 2005





## **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:

- 1.) 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.
- 2.) 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.
- 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THROUGHLY REMOVE ANY AND ALL SEDIMENT FROM PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SUBJECT SITE AND DEPOSITED THEREON.

LEGEND:

TOP OF CURB ELEVATION = 10=55.31

CURB FLOWLINE ELEVATION = #= 55.85

EXISTING SPOT ELEVATION = -- 5/3

PROPOSED SPOT ELEVATION = +-5650

EXISTING CONTOUR ELEVATION = \_ - 55.0 - -

PROPOSED CONTOUR ELEVATION = 56.0

PROPOSED OR EXISTING CONCRETE SURFACE =

EXISTING FENCE LINE = -x x

## GENERAL NOTES:

1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.

CONSTRUCTION NOTES:

2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD OTHER THAN SHOWN HEREON.

STANDARDS AND PROCEDURES.

1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT

2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE

THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL

THE EXISTING SURFACE OR SUB-SURFACE UTILITIES.

CERNING CONSTRUCTION SAFETY AND HEALTH.

LINE LOCATING SERVICE AT 260-1990 FOR THE ACTUAL FIELD LOCATION OF

HORIZONTAL AND VERTICAL LOCATION(S) OF ALL POTENTIAL OBSTRUCTIONS;

SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO

APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CON-

ED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY

4.) ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORM-

!	TABLE A-9. PEAK DISCHARGE (cfs/acre)						
	100-YF Treetment (2-YR, 10-						
Zone	^	8	С	D			
.4	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	2.28 [ 0.08, 0.95 ]	3.14 [ 0.60, 1.71 ]	4.70 [ 1.86, 3.14]			
3	1.87	2.60 { 0.21, 1.19 }	3.45 { 0.78, 2.00 }	5.02 [ 2.04, 3.36 ]			
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 ]			

TABLE	A-10. PEAK INTENSITY (IN/HR at	t <sub>c</sub> = 0.2 hour)
Zone	Intensity	100-YR [ 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	5.61 [ 2.34, 3.83 ]	

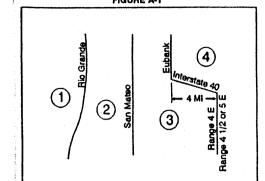
#### A.1 PRECIPITATION ZONES

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

1	TABLE A-1. PRECIPITATION ZONES								
1	Zone	Location							
Ì	1	West of the Rio Grande							
	2	Between the Rio Grande and San Mateo							
1	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

zone boundary use the zone which contains the largest portion of the



### **DPM SECTION 22.2 - HYDROLOGY**

Treatment	Land Condition				
Α	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 arroycs.				
В	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				
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Site Area: 0.29 Acres

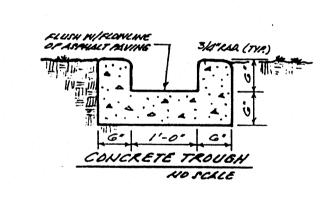
Precipitation Zone : Two (2)

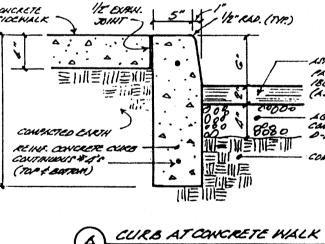
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\*\*\* Increase = 0.40 cfs

X 4.70 = 1.18

Treatment	Area/Acres		ractor		CIS
C	0.29	X	3.14	=	0.9
"Qp" = 0.91 cfs					
Proposed Conditi	ons:				
Treatment	Area/Acres		Factor		Cfs
<b>C</b>	0.04	X	3.14	=	0.1





36'0.C. , MOVIDE /

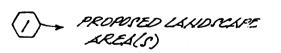
B TYPICAL CURB

# LEGAL DESCRIPTION:

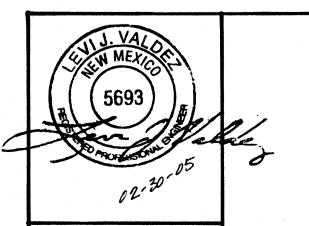
LOT "8-A", BLOCK 14, CLAYTON HEIGHTS ADDITION, ALBUQUERQUE, NEW MEXICO.

## **BENCH MARK REFERENCE:**

ACS STATION "13-L15", LOCATED AT THE N.W. CORNER OF YALE S.E. AND ROSS S.E.; ELEVATION = 5176.18.



GRADING AND DRAINAGE PLAN



ENGINEER'S SEAL

A PROPOSED PLAN FOR AN **AUTO REPAIR SHOP** 

(1831 WILMOORE DRIVE S.E.) ALBUQUERQUE, NEW MEXICO JANUARY, 2005

