

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 THOROUGHLY REMOVE ANY AND ALL SEDIMENT FROM PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SUBJECT SITE AND DEPOSITED THEREON.

CONSTRUCTION NOTES:

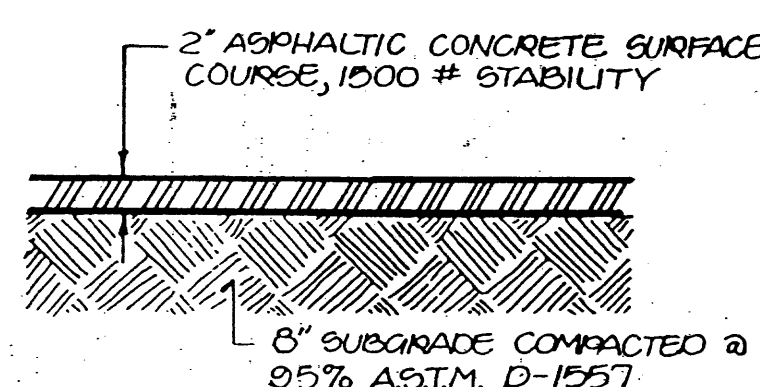
- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR THE ACTUAL FIELD LOCATION OF THE EXISTING SURFACE OR SUB-SURFACE UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION(S) OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.) 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.
- 4.) ALL CONSTRUCTION WITHIN PUBLIC STREET RIGHT-OF-WAY(S) SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE/BERNALILLO COUNTY STANDARDS AND PROCEDURES.

GENERAL NOTES:

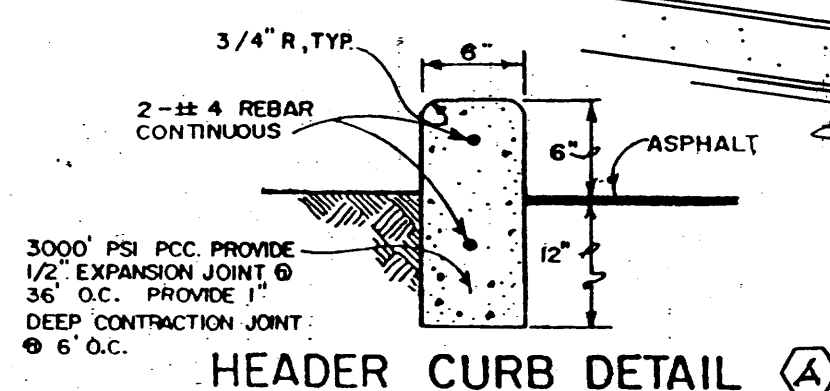
- 1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- 2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD OTHER THAN SHOWN HEREON.

LEGEND:

TOP OF CURB ELEVATION = 70'-49.84'
CURB FLOWLINE ELEVATION = 70'-50.18'
EXISTING SPOT ELEVATION = 70'-50.18'
EXISTING CONTOUR ELEVATION = 70'-50.18'
PROPOSED SPOT ELEVATION = 70'-50.25'
PROPOSED CONTOUR ELEVATION = 70'-50.25'
PROPOSED OR EXISTING CONCRETE SURFACE = [Symbol]
EXISTING FENCE LINE = [Symbol]

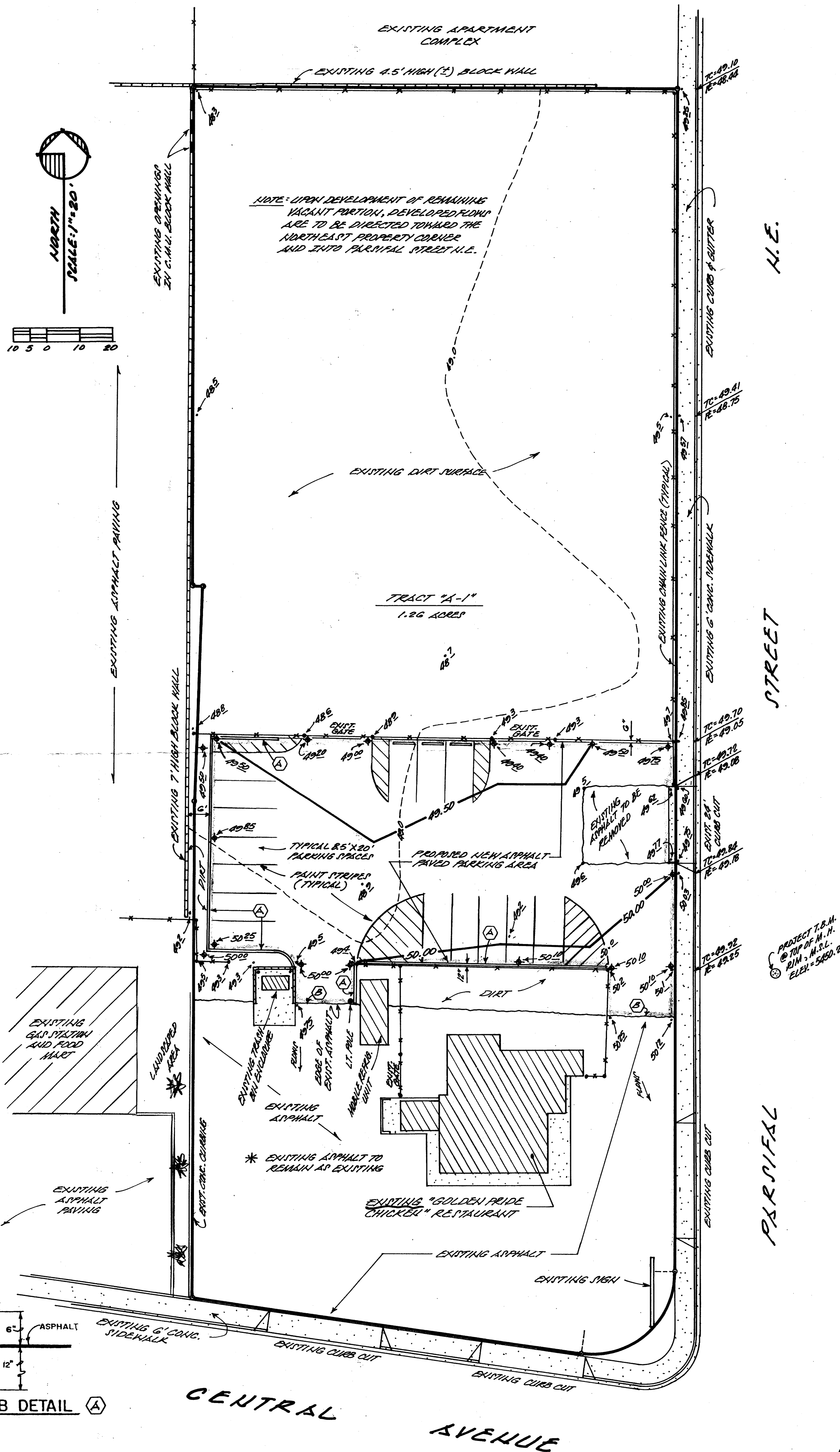


TYPICAL PAVEMENT SECTION
SCALE: 1" = 1'-0"



HEADER CURB DETAIL (A)
SCALE: 1" = 1'-0"

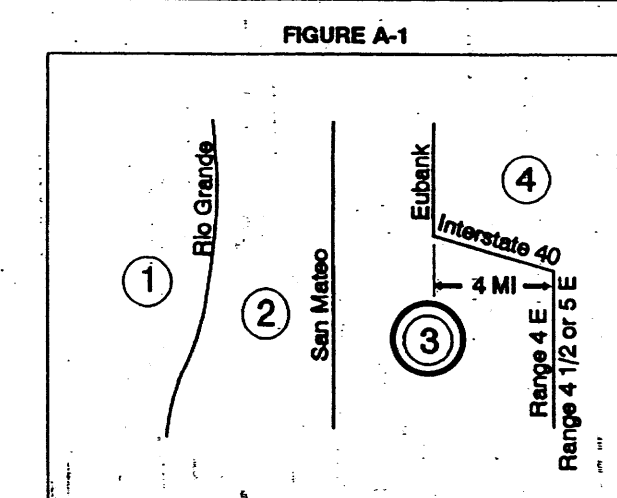
(B) MATCH NEW ASPHALT PAVING TO EDGE OF EXISTING PAVING



A.1 PRECIPITATION ZONES

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



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

Zone	Treatment			
	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, 0.38]	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 [0.78, 2.00]	5.02 [2.04, 3.39]
4	2.20 [0.05, 0.87]	2.92 [0.38, 1.45]	3.73 [1.00, 2.28]	5.28 [2.17, 3.57]

DPM SECTION 22.2 - HYDROLOGY

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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.

Zone	Intensity
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]

DRAINAGE COMMENTS AND CALCULATIONS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTH-WEST CORNER OF THE INTERSECTION OF EAST CENTRAL AVENUE AND PARSIPAL STREET N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS MAP "K-20-Z").

THE SUBJECT SITE, 1.) IS PRESENTLY A PARTIALLY VACANT COMMERCIAL INFILL SITE, 2.) IS NOT LOCATED WITHIN A DESIGNATED FLOODPLAIN (RE: F.E.M.A. PANEL 358 OF 825), 3.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 4.) PRESENTLY CONTRIBUTES A MINIMAL AMOUNT OF FLOWS THROUGH OPENINGS IN THE EXISTING BLOCK WALL LOCATED AT THE NORTHWEST CORNER OF THE SUBJECT PROPERTY; THESE FLOWS WILL BE RE-DIRECTED TO DISCHARGE INTO AFOREMENTIONED PARSIPAL STREET N.E. UPON THE DEVELOPMENT OF THE REMAINING PORTION OF THE SUBJECT PROPERTY, 5.) PER THIS PLAN IS TO HAVE AN ADDITIONAL PAVED PARKING AREA FOR THE EXISTING IMPROVEMENTS ON SAID SITE.

PER A MEETING WITH MR. BRAD BINGHAM, P.E., WITH THE HYDROLOGY DEPARTMENT OF THE CITY OF ALBUQUERQUE, ON DECEMBER 7, 2000, THE DISCHARGE OF THE NEW ADDITIONAL ASPHALT PAVED PARKING AREA FLOWS TOWARD AND INTO PARSIPAL STREET N.E. WILL NOT BE REQUIRED AT THIS TIME; HOWEVER, AT THE TIME OF ANY ADDITIONAL NEW IMPROVEMENTS TO SAID SITE, FLOWS WILL BE REQUIRED TO BE DISCHARGED INTO PARSIPAL STREET N.E..

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, DATED JANUARY 1993.

SITE AREA: 1.26 ACRES

PRECIPITATION ZONE: THREE (3)

PEAK INTENSITY: "I" = 5.38

LAND TREATMENT METHOD FOR THE CALCULATION OF "Q_p".

EXISTING CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.91	X 3.45	= 3.14
D	0.35	X 5.02	= 1.76

"Q_p" = 4.90 CFS

PROPOSED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.70	X 3.45	= 2.42
D	0.56	X 5.02	= 2.81

"Q_p" = 5.23 CFS

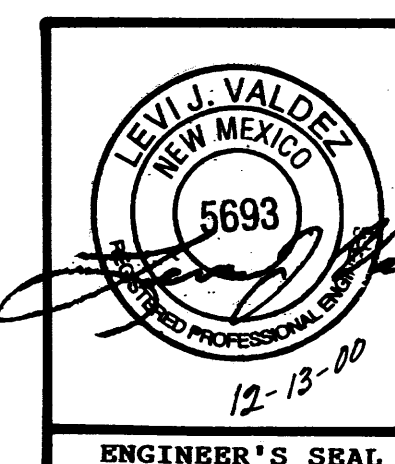
5.23 CFS - 4.90 CFS = 0.33 CFS (INCREASE)

BENCH MARK REFERENCE:

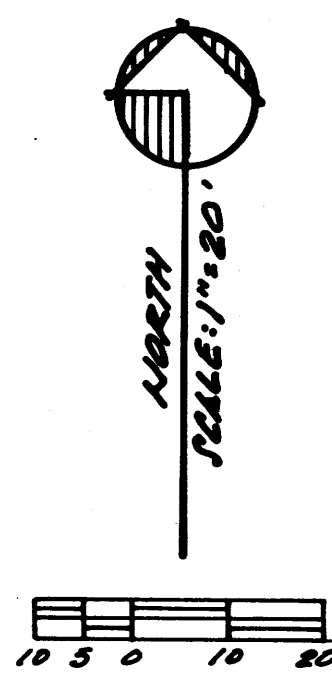
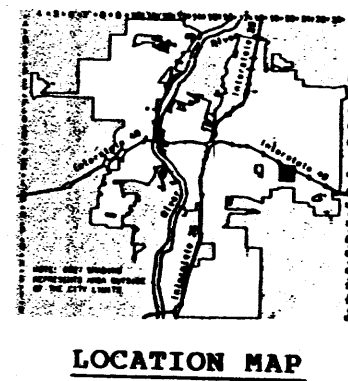
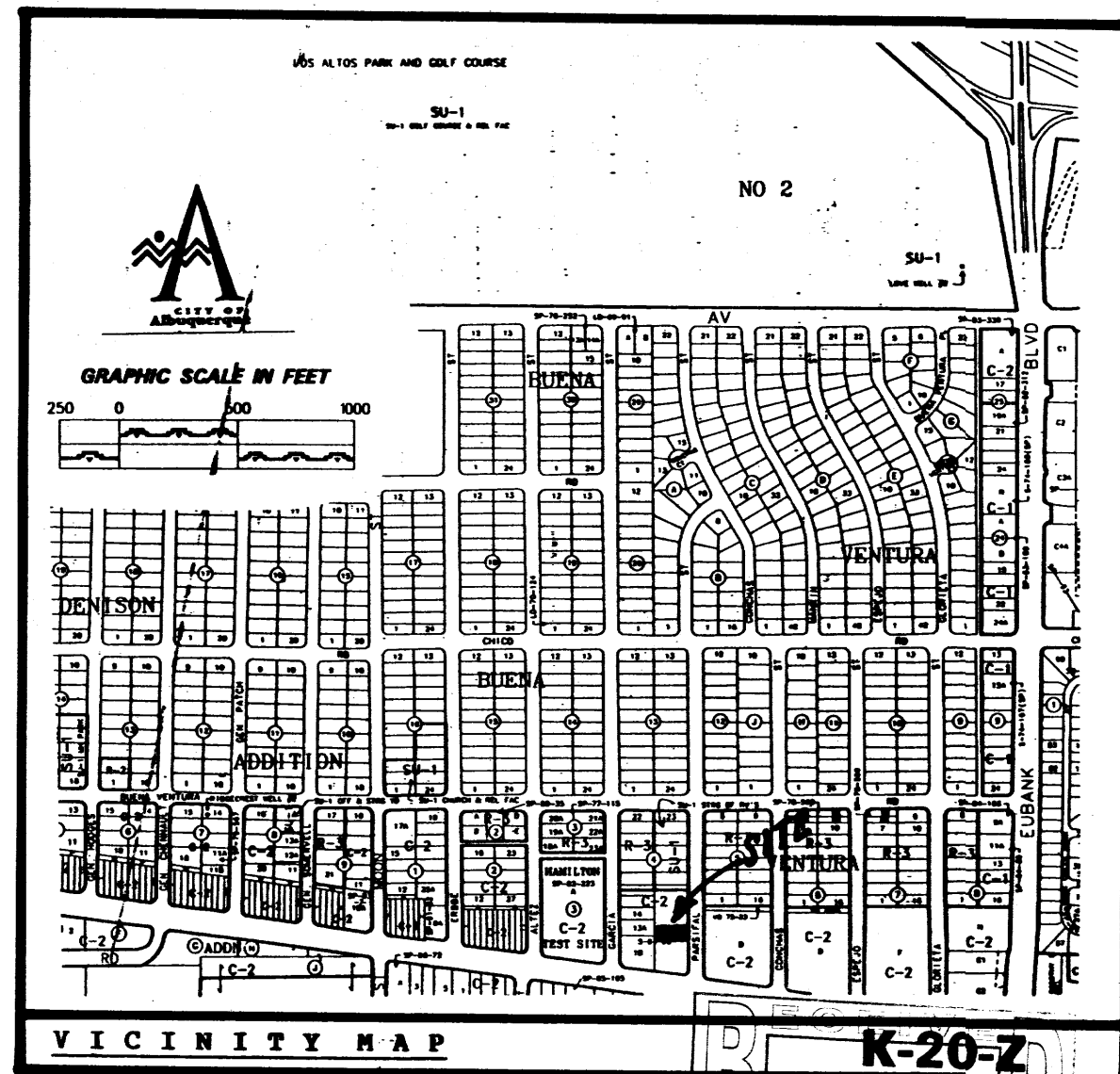
ACS STATION "16 K-20", LOCATED AT TOP OF CURB AT THE NORTHEAST CORNER OF THE INTERSECTION OF CENTRAL AVENUE N.E. AND GARCIA STREET N.E.; M.S.L. ELEVATION = 5446.163; PROJECT T.B.M. AS SHOWN ON THE PLAN HEREON.

LEGAL DESCRIPTION:

TRACT "A-1", LANDS OF HOLIDAY WORLD, IN BLOCK FOUR (4), BUENA VENTURA ADDITION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ADDRESS: 10015 CENTRAL AVENUE N.E.)



A PROPOSED GRADING AND PAVING PLAN
FOR
GOLDEN PRIDE BBQ, CHICKEN & RIBS
(10015 CENTRAL AVENUE, N.E.)
ALBUQUERQUE, NEW MEXICO
DECEMBER, 2000



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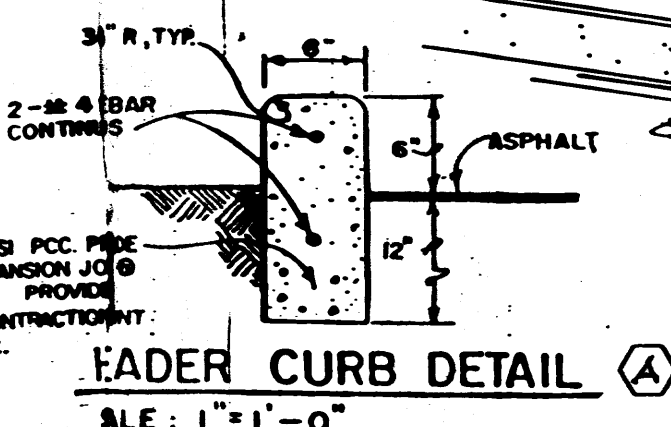
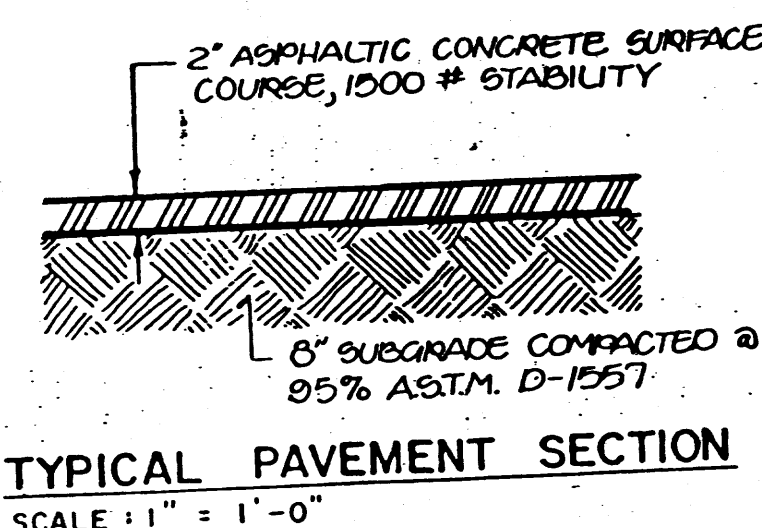
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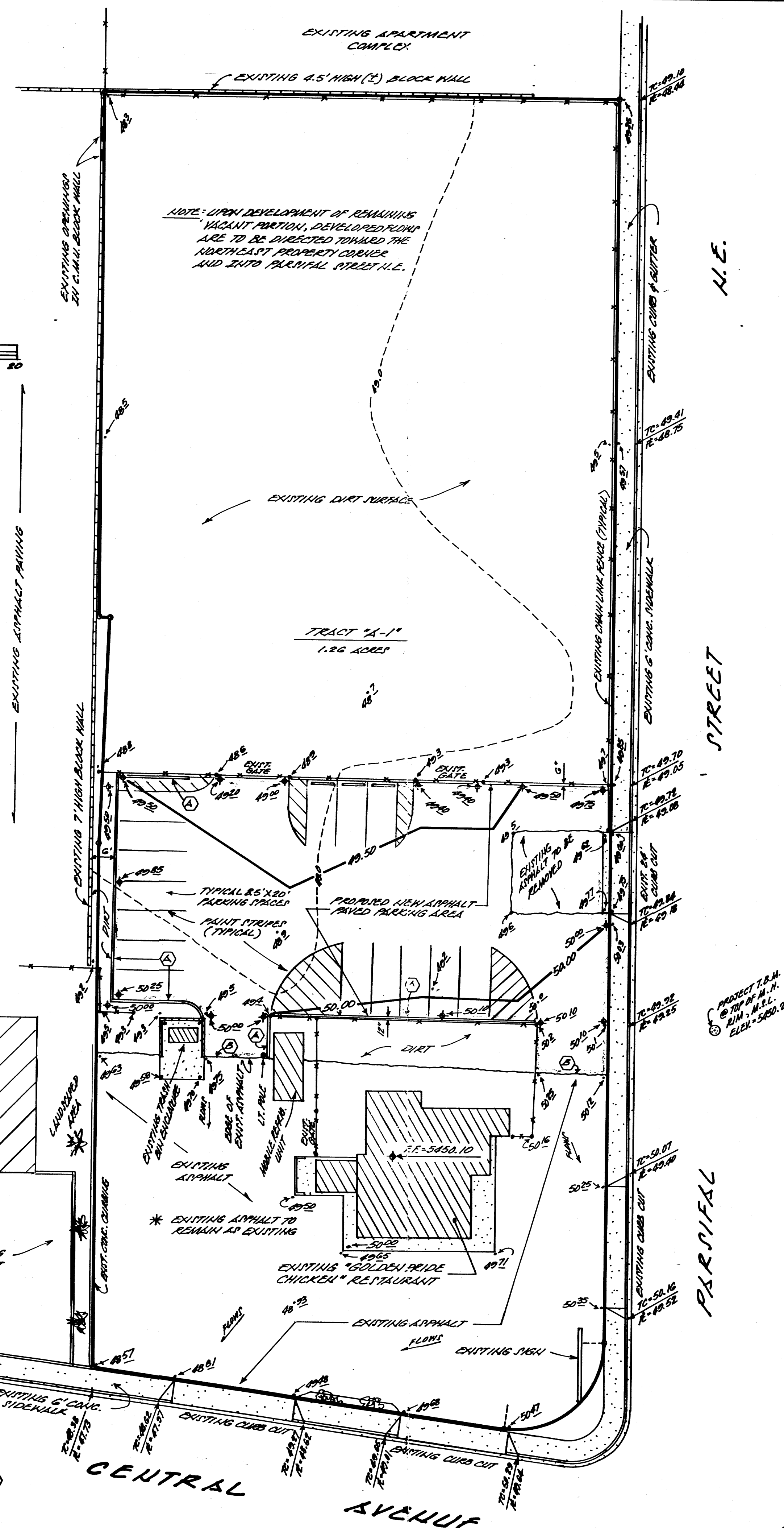
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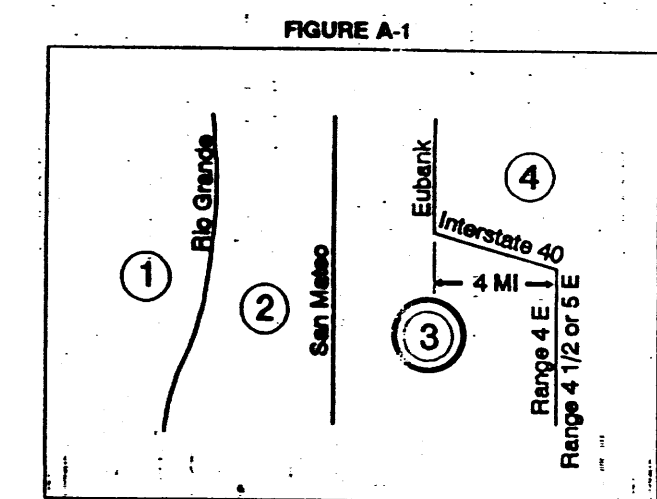
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Zone	Treatment	100-YR (2-YR, 10-YR)
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2	B	1.56 [0.02, 0.38]
3	C	1.87 [0.02, 0.58]
4	D	2.20 [0.02, 0.87]

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Treatment	Land Condition
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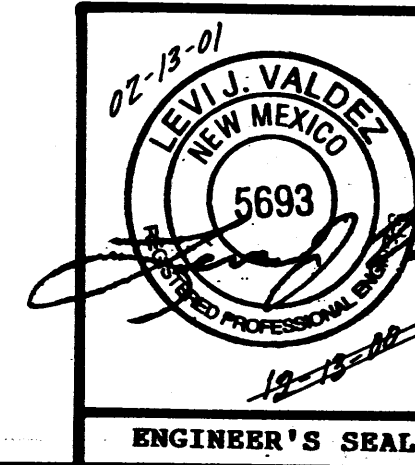
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