

# CONSTRUCTION PLANS

FOR

*PHILLIPS 66*  
*86TH STREET, SW*

# PAVING IMPROVEMENTS

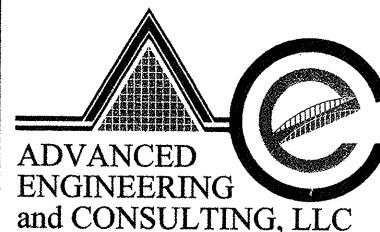
*CITY OF ALBUQUERQUE*  
*NEW MEXICO*  
*AUGUST 2001*

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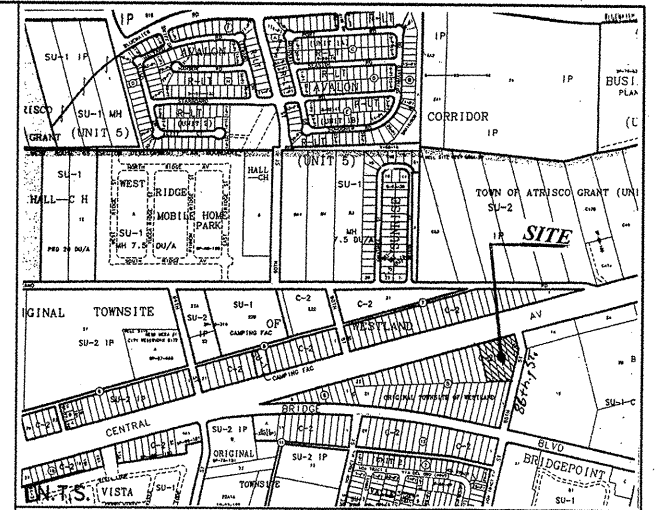
1. TITLE SHEET
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CONTROL STANDARDS

## TRAFFIC CONTROL PLAN

SEE SHEETS 6 OF 8 THRU 8 OF 8  
FOR TRAFFIC ROUTING PLAN



10205 SNOWFLAKE CT., NW  
ALBUQUERQUE, NEW MEXICO 87114  
(505)899-5570



VICINITY MAP      ZONE ATLAS K-9-Z

SCALE NONE

## NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #6)
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BUREAU OF ENGINEERING AND SURVEYING PRIOR TO UPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOT BE THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE TO THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REPAIRS TO THE MONUMENTS UNDER THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 5' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.

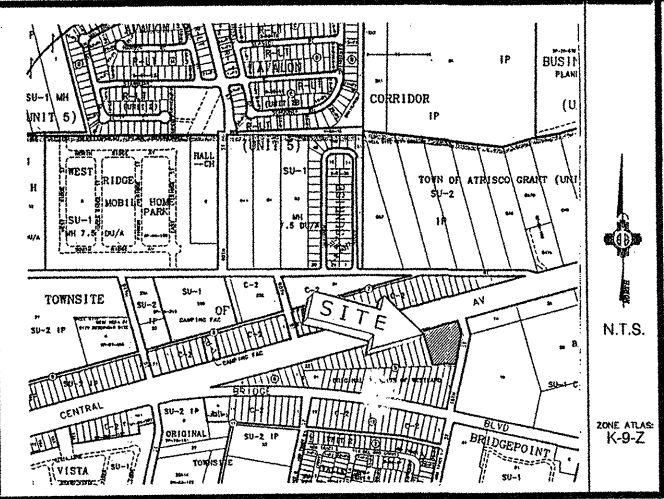
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

DRB CASE NUMBER: 1001132

[illegible]

SCANNED BY  
PLANNING



Vicinity Map

SUBDIVISION DATA / NOTES

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEY.
  2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1927, AND ARE BASED ON ACS CONTROL MONUMENTS 7-K10 AND 7-K9, AS SHOWN HEREON.
  3. DISTANCES ARE GROUND DISTANCES.
  4. PLAT SHOWS ALL EASEMENTS OF RECORD.
  5. BEARINGS AND DISTANCES IN PARENTHESES ( ) ARE PER THE PLAT OF ORIGINAL TOWN OF WESTLAND, FILED IN BERNALILLO COUNTY, NEW MEXICO ON MARCH 23, 1935 IN VOLUME D, FOLIO 53.
  6. BEARINGS AND DISTANCES IN BRACKETS [ ] ARE PER SURVEY PREPARED BY FORREST SMITH NMLS No. 7440 OF BOYLE ENGINEERING CORP. DATED 05/03/83.
  7. GROSS ACREAGE: 1.8356 ACRES
  8. NUMBER OF EXISTING TRACTS/LOTS: 6
  9. NUMBER OF TRACTS/LOTS CREATED: 1
- UPC# I-009-057-390-050-40301



MONUMENT LEGEND

- △ - FOUND CONTROL STATION AS NOTED
- - FOUND MONUMENT AS NOTED

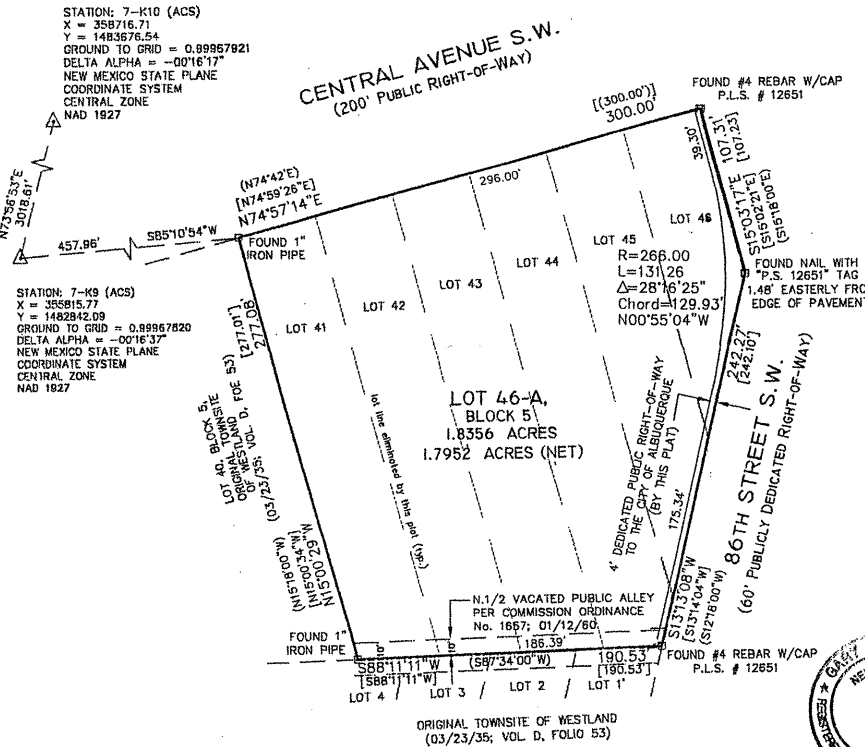
THIS IS TO CERTIFY THAT TAXES ARE CURRENT & PAID ON  
UPC#: \_\_\_\_\_  
PROPERTY OWNER OF RECORD: \_\_\_\_\_  
BERNALILLO COUNTY TREASURER'S OFFICE: \_\_\_\_\_

LEGAL DESCRIPTION:

A certain tract of land comprised of Lots numbered Forty-one (41) through Forty-six (46) inclusive except the Northern Eighty (80) feet along Central Avenue, Block Five (5) in the original TOWNSITE OF WESTLAND, a Subdivision of a certain tract of Land in School District #28, within the Town of Alamosa Grant, Bernalillo County, New Mexico, as the same Townsite is shown and designated on the Map of said Subdivision, filed in the Office of the County Clerk of Bernalillo County, New Mexico on March 23, 1935 in Plat Book D, folio 53; and being more particularly described as follows:  
BEGINNING at the northwest corner of said tract whence ACS city monument 7-K-9 bears S 85° 10' 54" W, 457.86 feet distant, thence from said point of beginning N 74° 57' 14" E, 300.00 feet along the south right-of-way of Central Avenue S.W. to the northeast corner, being a point on the west right-of-way of 86th Street S.W.; thence along said right-of-way S 15° 03' 17" E, 107.31 feet, thence S 13° 13' 08" W, 242.27 feet to the southeast corner; thence leaving said right-of-way S 88° 11' 11" W, 190.53 feet to the southwest corner; thence N 15° 00' 29" W, 277.08 feet to the point of beginning and containing 1.8356 acres, more or less.

FREE CONSENT

THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) OF THE PROPERTY DESCRIBED HEREON DO HEREBY CONSENT TO THE PLATTING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THEIR DESIRES AND DO HEREBY REPRESENT THAT THE UNDERSIGNED INDIVIDUALS ARE AUTHORIZED TO SO ACT AND DO HEREBY GRANT ADDITIONAL EASEMENT(S) AS SHOWN, AND DO HEREBY DEDICATE ADDITIONAL STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH OWNER(S) SIGNATURE: William Roberts DATE: 3/14/01  
OWNER(S) PRINT NAME: William Roberts  
ADDRESS: 408 ADZUNA SE ALBUQUERQUE NM 87108 TRACT: \_\_\_\_\_  
ACKNOWLEDGMENT  
STATE OF New Mexico )  
COUNTY OF Bernalillo )  
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 14 DAY OF March, 2001.  
BY: William Roberts  
MY COMMISSION EXPIRES: 8/3/02  
NOTARY



PLAT OF  
LOT 46-A, BLOCK 5,  
ORIGINAL TOWNSITE OF WESTLAND  
PROJECTED SECTION 21, T. 10 N., R. 2 E., N.M.P.M.  
CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO  
FEBRUARY 2001

DISCLOSURE STATEMENT

THE PURPOSE OF THIS PLAT IS TO COMBINE SIX (6) EXISTING LOTS INTO ONE (1) NEW LOT AND TO SHOW PREVIOUS VACATION ACTION ON PUBLIC ALLEY.

APPLICATION NO. & PROJECT NO.: 01440-00000-00372

CITY APPROVALS:

CITY SURVEYOR	<u>3-15-01</u>
TRAFFIC ENGINEERING	DATE
PARKS RECREATION	DATE
UTILITY DEVELOPMENT DIVISION	DATE
REAL PROPERTY DIVISION	DATE
A.M.A.F.C.A.	DATE
CITY ENGINEER	DATE
CITY PLANNER, ALBUQUERQUE PLANNING DIVISION	DATE

SURVEYOR'S CERTIFICATION

I, Gary E. Gritsko, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

Gary E. Gritsko March 13, 2001  
Gary E. Gritsko  
New Mexico Professional Surveyor, 8686



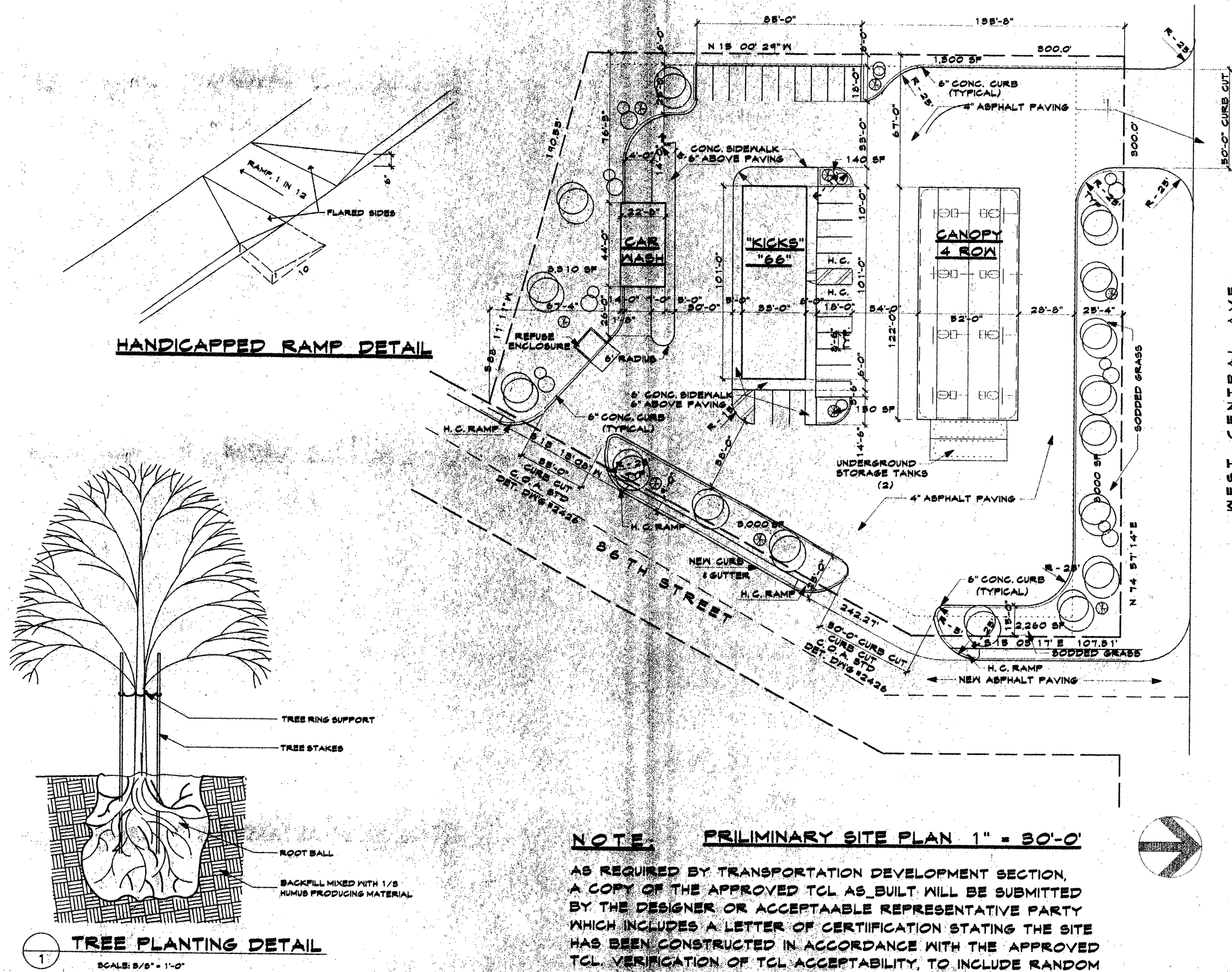
SURVEYS SOUTHWEST, LTD.

333 LOMAS BLVD., N.E.  
ALBUQUERQUE, NEW MEXICO 87102  
PHONE: (505) 998-0303  
FAX: (505) 998-0306

T10N R2E SEC. 21

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PLANNING

# PROPOSED FACILITY FOR ROBERTS OIL COMPANY



## VICINITY MAP

## DESIGN DATA:

CONSTRUCTION TYPE:  
STORE VN  
CAR WASH  
CANOPY II

OCCUPANCY GROUP M & S-B  
OCCUPANCY LOAD 1799/30 = 60  
STORAGE 466/300 = 2  
SOIL BEARING 1,500 PSF  
WIND PRESSURE 75 MPH

CONCRETE:  
SLAB 3,000 PSI  
FLATWORK 2,500 PSI

FLOOR AREA:  
STORE 3,333 S.F.  
CAR WASH 1,012 S.F.  
CANOPY 6,344 S.F.

## LANDSCAPING

SEE LANDSCAPE SHEET

- MODESTO ASH - 2" CALIPHER  
MIN. 6' IN HEIGHT (FRAXINUS VELUTINA)
  - CHAMISA - 5 GAL  
(CHRYSOETHAMNUS NAUSEOSUS)
  - GOLDEN ASTER - 5 GAL  
(CHRYSOPSIS VILLOSA)
- GROUND COVER - 3/4" GRAVEL SANTA FE TAN  
AND NATIVE GRASS WERE CALLED FOR ON SITE PLAN  
IRRIGATION BY AUTOMATIC DRIP SYSTEM  
NOZZLES LOCATED AT EVERY PLANT  
MAINTENANCE BY OWNER

## LEGAL DESCRIPTION:

LOT #46, BLOCK #5, ORIGINAL  
TOWNSHIP, WESTLAND

SHEET TITLE  
SITE PLAN & DETAILS

MILLER AND ASSOCIATES  
ARCHITECTS  
PLANNERS  
2823 RICHMOND AVE.  
ALBUQUERQUE, NEW MEXICO 87107

PROPOSED FACILITY  
FOR  
ROBERTS OIL COMPANY  
8600 CENTRAL AVE. S.W.

JOB TITLE

T

# GRADING/DRAINAGE PLAN

THE FOLLOWING ITEMS CONCERNING PORTIONS OF LOTS 41 THRU 46, BLOCK 5, ORIGINAL TOWNSITE OF WESTLAND, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO ARE CONTAINED HEREON

1. VICINITY MAP 2. FEMA FLOODMAP 3. DRAINAGE CALCULATIONS

## EXISTING CONDITIONS

AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 1.84 ACRES AND IS LOCATED AT THE SOUTHWEST CORNER OF CENTRAL AVENUE SW AND 86TH ST SW. THE EXISTING LAY OF THE LAND IS FROM NORTHWEST TO SOUTHEAST. ACCORDING TO THE FLOOD INSURANCE RATE MAP PANEL 03280, DATED SEPTEMBER 20, 1996, THIS SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE. IT DOES APPEAR TO BE DOWNSTREAM FLOODING WITHIN BRIDGE BLVD SW, WHICH IS BEING TERMINATED BY THE BRIDGE BLVD STORM SEWER IMPROVEMENTS.

## PROPOSED CONDITIONS

AS SHOWN BY THE GRADING/DRAINAGE PLAN, THE PROPOSED PROJECT WILL CONSIST OF 3333 SQ. FT. OF BUILDING, 991 SQ. FT. OF CANOPY, 1000 SQ. FT. OF CANOPY AREA, ALONG WITH PAVED PARKING AND LANDSCAPING. THE DEVELOPED RUN-OFF WILL BE ROUTED TO THE EXISTING SOUTHEAST DRIVEWAY, WHICH THEN WILL ENTER A PROPOSED V-SHAPED BAR DITCH, WHICH WILL ROUTE THE RUN-OFF TO THE INTERSECTION OF 86TH ST. AND BRIDGE BLVD. (FREE DISCHARGE ALLOWED PER STEVE BOBERG CIP HYDROLOGY ENGINEER). THE CALCULATIONS WHICH APPEAR HEREON, ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PRELIMINARY 10 ACRES AND SMALLER BASINS, AS SET FORTH IN THE PRELIMINARY SECTION 22.2 HYDROLOGY OF THE DEVELOPMENT PROCESS, MANUAL, VOLUME II, DESIGN CRITERIA DATED 1997, HAS BEEN USED TO DETERMINE THE PEAK RATE OF DISCHARGE AND VOLUME OF RUN-OFF GENERATED.

## DOWNSTREAM CAPACITY

PER THE MASTER DRAINAGE PLAN FOR THE BRIDGE BLVD IMPROVEMENTS, FREE DISCHARGE IS ALLOWED FROM THIS SITE. (LOCAL CONVERSATION WITH STEVE BOBERG CIP HYDROLOGY ENGINEER).

ROBERTS OIL AREA 4.54ac

PRECIPITATION 360" = 2.20in

1440" = 2.66in

1680" = 3.67in

EXCESS PRECIPITATION RUN-OFF RATIO

TREATMENT A	0.44%	1.25	0.13
TREATMENT B	0.67%	2.01	0.25
TREATMENT C	0.99%	2.88	0.35
TREATMENT D	1.97%	4.77	0.70

EXISTING CONDITIONS AREA AREA

TREATMENT A	0.00	0.00
TREATMENT B	0.00	0.00
TREATMENT C	1.84ac	0.40in
TREATMENT D	0.00	1.24ac

EXISTING EXCESS PRECIPITATION:

$$\text{Weighted E} = (0.44)(0.00) + (0.67)(0.00) + (0.99)(1.84) + (1.97)(0.00) = 1.84$$

$$V_{100-360} = (0.99)(1.84)/12 = 0.1514ac-in = 0.99 in$$

EXISTING PEAK DISCHARGE:

$$Q_{100} = (1.29)(0.00) + (2.03)(0.00) + (2.87)(1.84) + (4.77)(0.00) = 5.28 cfs$$

PROPOSED EXCESS PRECIPITATION:

$$\text{Weighted E} = (0.44)(0.00) + (0.67)(0.00) + (0.99)(1.46) + (1.97)(1.37) = 3.80ac$$

$$V_{100-360} = (1.72)(1.84)/12 = 0.260ac-in = 1.483 in$$

$$V_{100-1440} = (0.26-1.37)(1.46-2.20)/12 = 0.00ac-in = 0.00 in$$

$$V_{100-10day} = (0.26-1.37)(1.46-2.20)/12 = 0.00ac-in = 0.00 in$$

$$V_{100-10year} = 4.8 cfs$$

PROPOSED PEAK DISCHARGE:

$$Q_{100} = (1.29)(0.00) + (2.03)(0.00) + (2.87)(1.46) + (4.77)(1.37) = 7.31 cfs$$

$$\text{INCREASE } 7.31 cfs - 5.28 cfs = 2.03 cfs$$

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PLANNING

## GRADING & DRAINAGE PLAN

Scale 1"=30' (C-1)

## NOTE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within the city right-of-way. Approved copy of this plan must be submitted at the time of application for permit.
2. All work detailed in this plan to be performed, except as otherwise stated or provided herein, shall be constructed in accordance with City of Albuquerque Standard Specification for Public Works Construction.
3. Two working days prior to any excavation, contractor must contact line locating Services at (505) 260-1990 for locating existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all construction. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.

LEGAL  
PLAT OF 46-A BLOCK 5  
ORIGINAL TOWNSITE OF WESTLAND  
ALBUQUERQUE, BERNALILLO COUNTY  
NEW MEXICO  
UPC# 1-009-057-390-050-40301

## BENCHMARK

"ACS" 7-K9  
THE STATION IS LOCATED 0.14 MILES WEST OF 86TH STREET SW CENTERLINE OF 86TH STREET SW CENTER OF THE MEDIAN ON CENTRAL ELEVATION: 5137.363  
T.B.M. SEE PLAN DRAWING

CITY PROJECT NO.

ZONE MAP NO.

SHEET NO.

GD

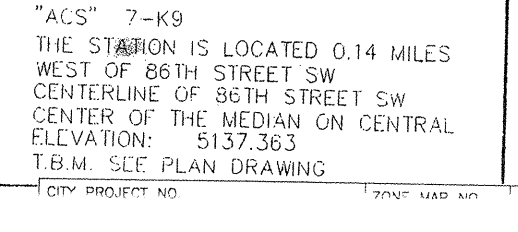
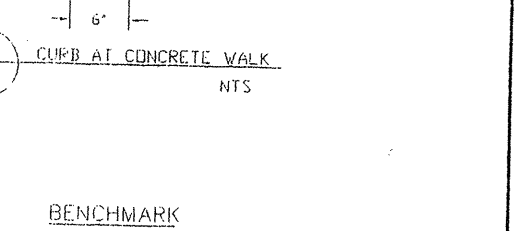
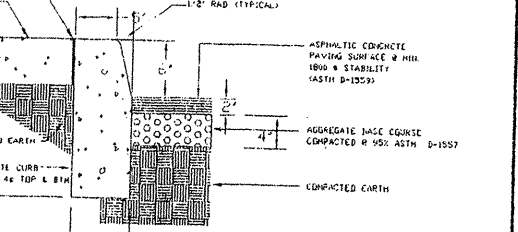
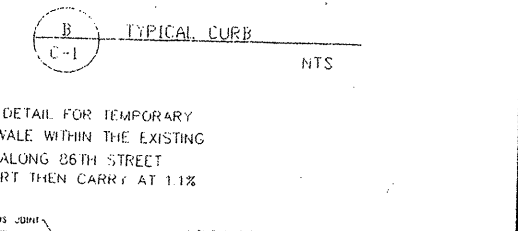
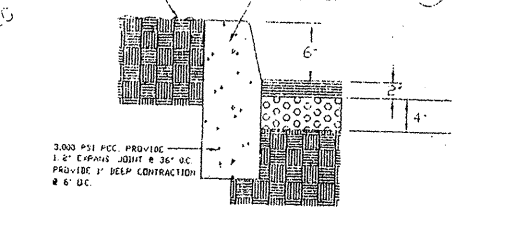
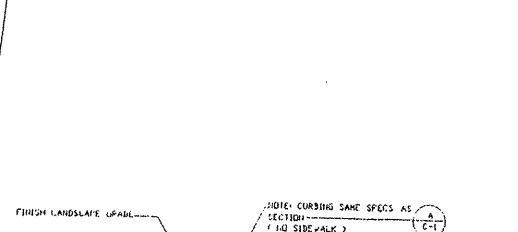
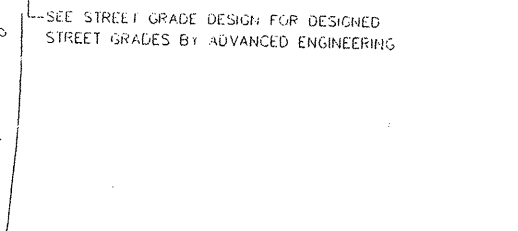
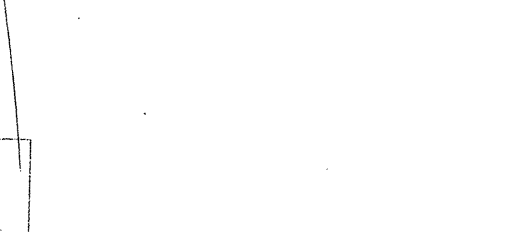
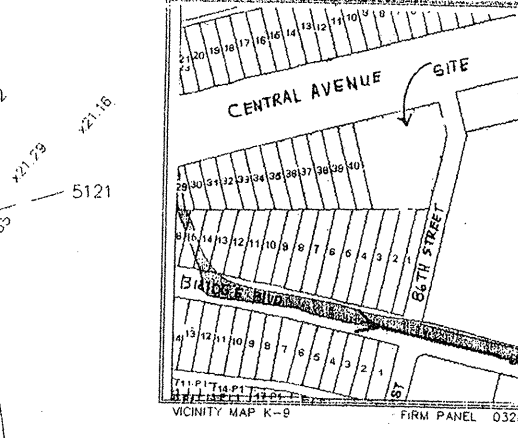
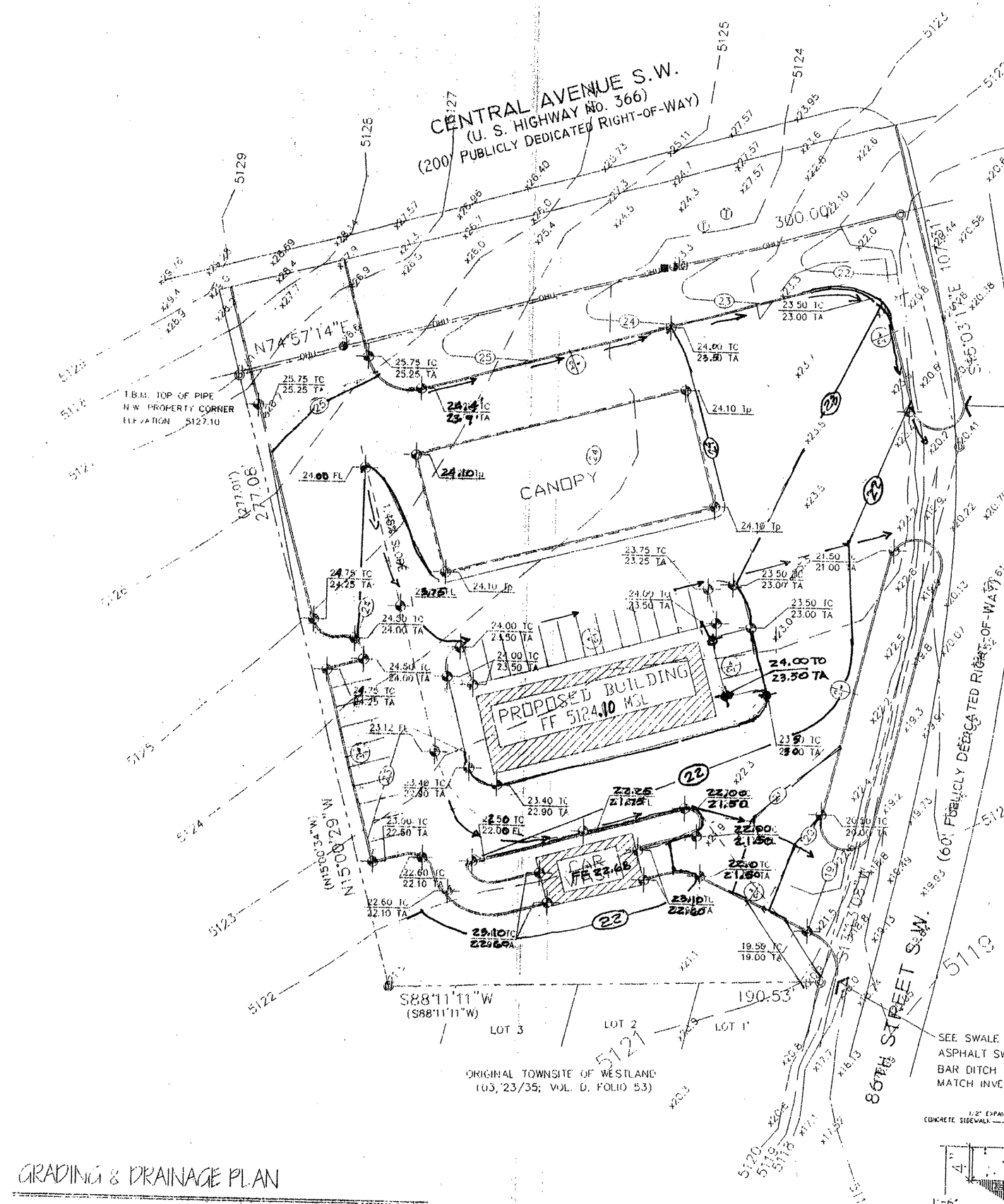
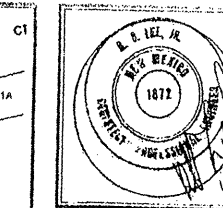
Project Name  
KICK 66 @ 86TH & CENTRAL S.W.  
ALBUQUERQUE, NEW MEXICO

BUM DEVELOPMENT CONSULTANT  
DESIGN - PLANNER  
Albuquerque, New Mexico

Sheet Title  
GRADING & DRAINAGE PLAN

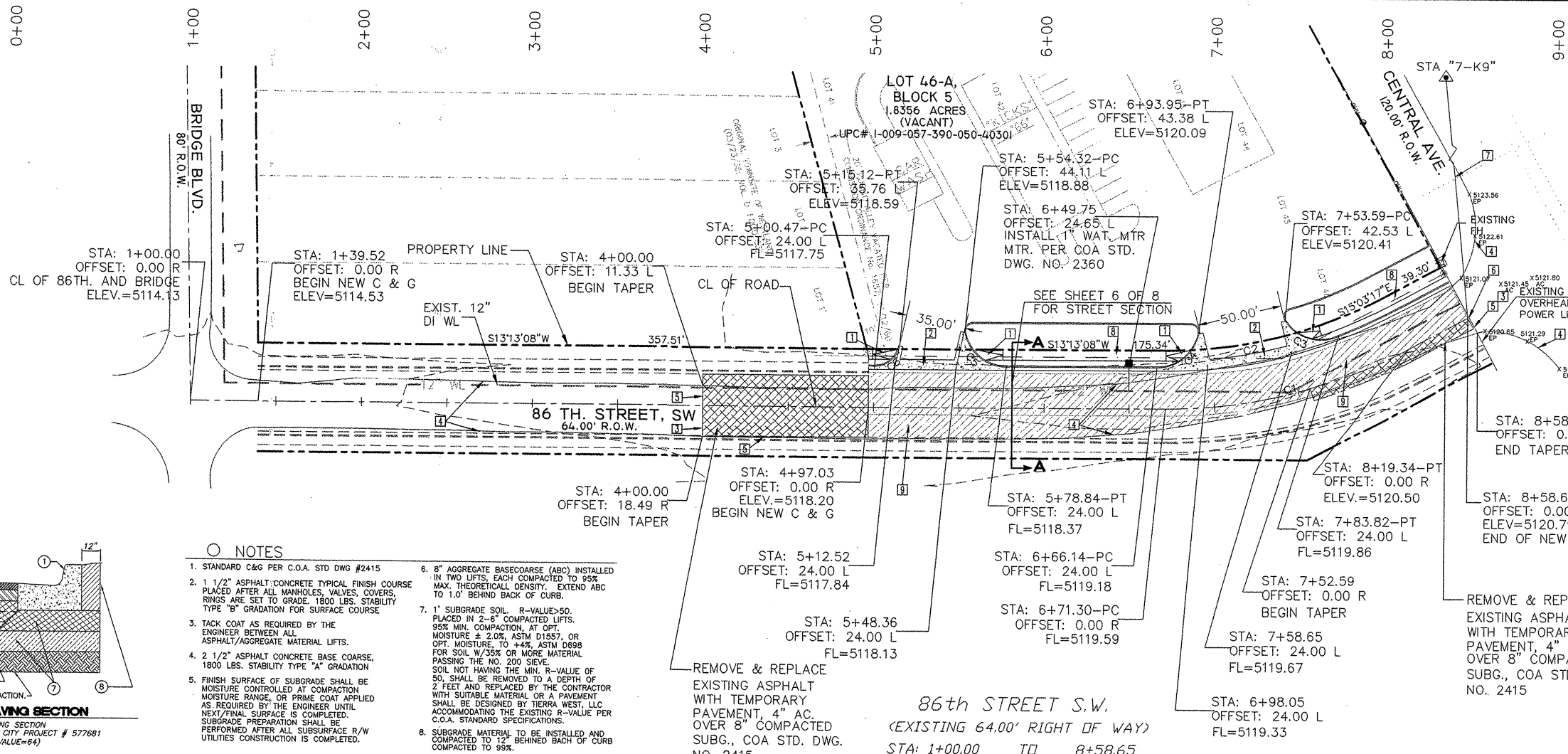
Drawn By: BLM Checked By:

JOB NO.  
DATE: MAY 2001  
REVISIONS





SCANNED BY  
PLANNING



- KEYED NOTES
- CONSTRUCT NEW WHEELCHAIR RAMP PER COA STD. DWG. NO. 2440.
  - CONSTRUCT NEW PRIVATE ENTRANCE W/CONCRETE VALLEY GUTTER PER COA STD. DWG. NO. 2426
  - MATCH EXISTING PAVEMENT
  - EDGE OF EXISTING ASPHALT
  - TAPER TO THE EXISTING EDGE OF PAVEMENT
  - CL STATIONING TIE POINT TO PROPERTY CORNER IS N 74°56'43" E AND 30.00'.
  - CL STATIONING TIE POINT TO CITY STA 7-K9" IS S 80°52'35" W AND 784.92'.
  - INSTALL 6' SIDEWALK SIDEWALK PER COA STD DWG #2430
  - EXISTING PAVEMENT TO BE REMOVED AND REPLACED

CURVE TABLE (FACE OF CURB)					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CH. DIRECTION
C1	148.04'	300.00'	28°16'25"	146.54'	N00°55'04"W
C2	131.26'	266.00'	28°16'25"	129.93'	N00°55'04"W
C3	33.92'	25.00'	77°44'03"	31.38'	N30°55'35"E
C4	33.92'	25.00'	78°43'06"	31.71'	N26°08'25"W
C5	34.35'	25.00'	78°43'06"	31.71'	N52°34'42"E
C6	20.30'	15.00'	77°31'59"	18.78'	N25°32'51"W

QUARTER POINTS

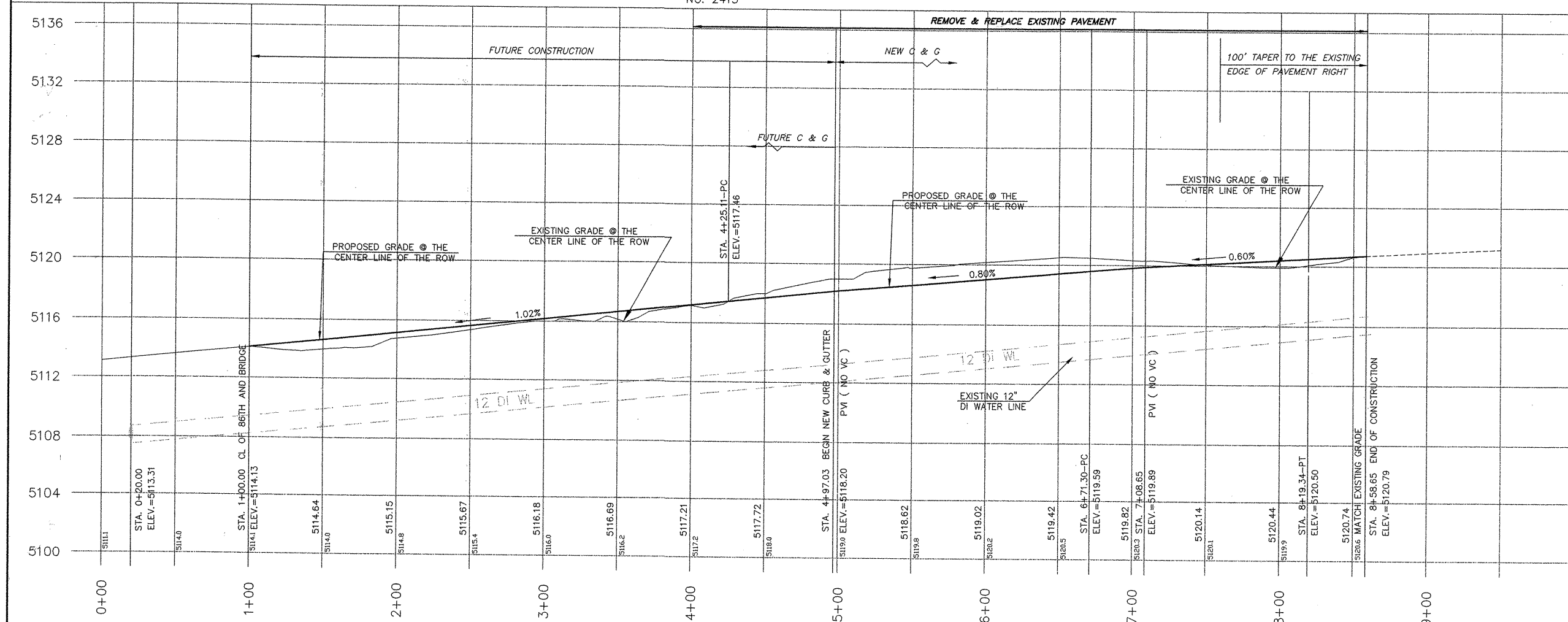
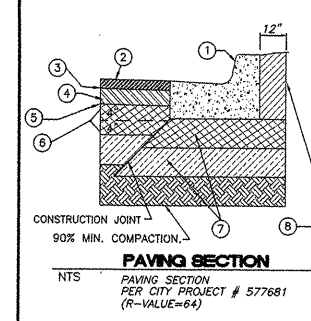
C5	FL	ELEV.
	7	5118.26
	8	5118.38
	9	5118.51

C3	FL	ELEV.
	1	5119.77
	2	5119.91
	3	5120.04

C6	FL	ELEV.
	10	5118.22
	11	5118.01
	12	5117.80

C4	FL	ELEV.
	4	5119.71
	5	5119.28
	6	5118.85

- NOTES
- STANDARD C&G PER COA STD DWG #2415
  - 1 1/2" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLES, VALVES, COVERS, RINGS ARE SET TO GRADE. 1800 LBS. STABILITY TYPE "B" GRADATION FOR SURFACE COURSE
  - TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
  - 2 1/2" ASPHALT CONCRETE BASE COURSE, 1800 LBS. STABILITY TYPE "A" GRADATION
  - FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION. MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACE IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION IS COMPLETED.
  - 8" AGGREGATE BASECOURSE (ABC) INSTALLED IN TWO LIFTS, EACH COMPACTED TO 95% MAX. THEORETICAL DENSITY. EXTEND ABC TO 1.0' BEHIND BACK OF CURB.
  - 1" SUBGRADE SOIL, R-VALUE=50. PLACED IN 2-6" COMPACTED LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE ± 2.0%, ASTM D1557, OR OPT. MOISTURE, TO +4%, ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SHALL BE DESIGNED BY TIERRA WEST, LLC ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.
  - SUBGRADE MATERIAL TO BE INSTALLED AND COMPACTED TO 12" BEHIND BACK OF CURB COMPACTED TO 95%.



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **86TH STREET, SW  
PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE: **APPROVED** SEP 2 5 2001  
CITY ENGINEER: **APPROVED** SEP 2 5 2001

MO./DAY/YR. MO./DAY/YR.  
DESIGNED BY: SB DATE: 4-01  
DRAWN BY: SB DATE: 4-01  
CHECKED BY: SB DATE: 4-01

CITY PROJECT NO. **663481** ZONE MAP NO. **K-9-Z** SHEET **5** OF **8**

AS BUILT INFORMATION

CONTRACTOR: **ADVANCED ENGINEERING and CONSULTING, LLC**  
DATE: **SEP 2 5 2001**  
INSPECTOR: **APPROVED**  
DATE: **SEP 2 5 2001**  
FIELD OFFICE: **APPROVED**  
DATE: **SEP 2 5 2001**  
VERIFICATION: **APPROVED**  
DATE: **SEP 2 5 2001**  
CORRECTION: **APPROVED**  
DATE: **SEP 2 5 2001**  
RECORDED BY: **APPROVED**  
DATE: **SEP 2 5 2001**  
NO. **5137.36, NGVD 1929**

BENCH MARKS

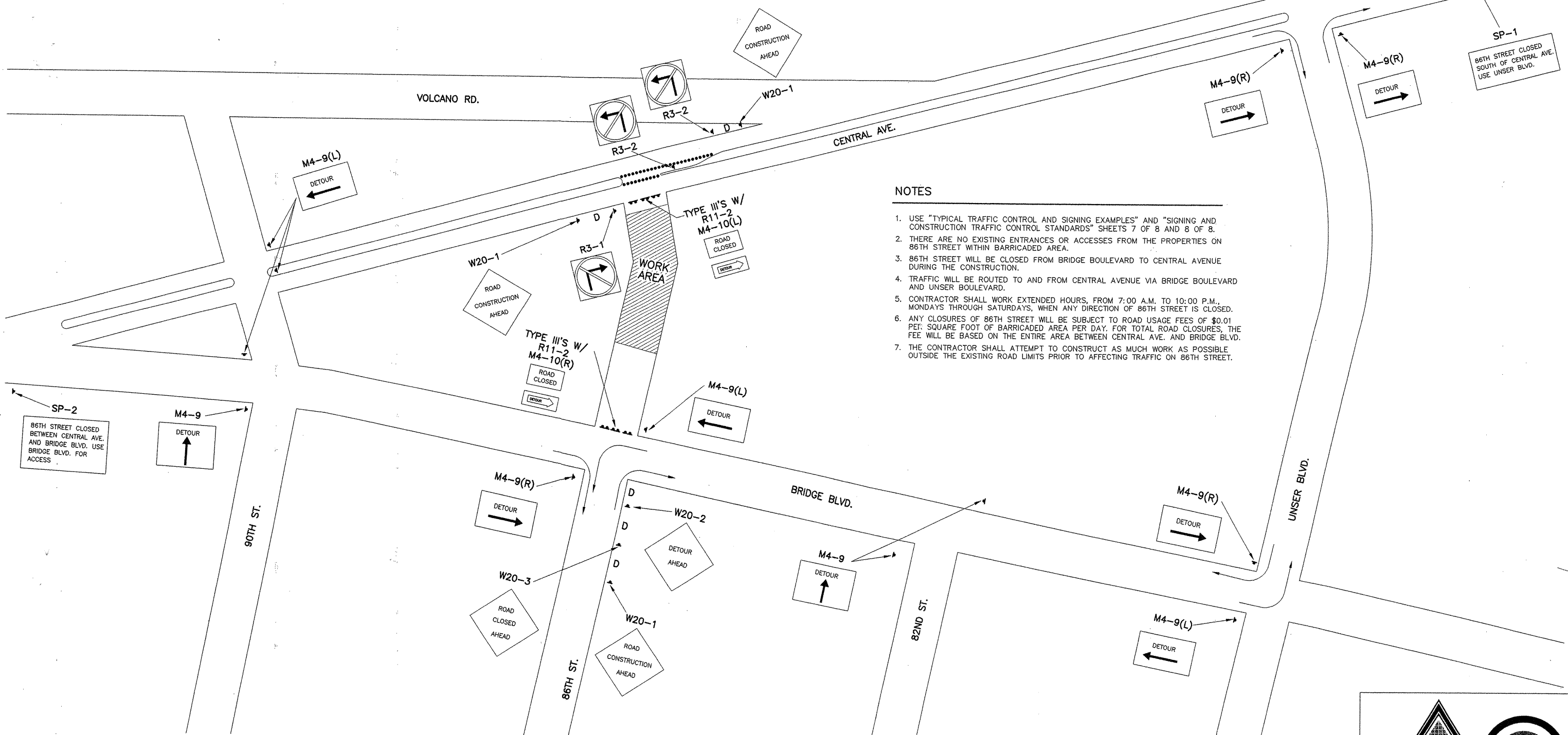
AS 7-K9" LOCATED IN THE CENTRAL AVE. MEDIAN APPROX. 0.14 M. WEST OF 86TH ST.

FIELD NOTES

DATE: **SEP 2 5 2001**  
BY: **APPROVED**  
NO. **5137.36, NGVD 1929**

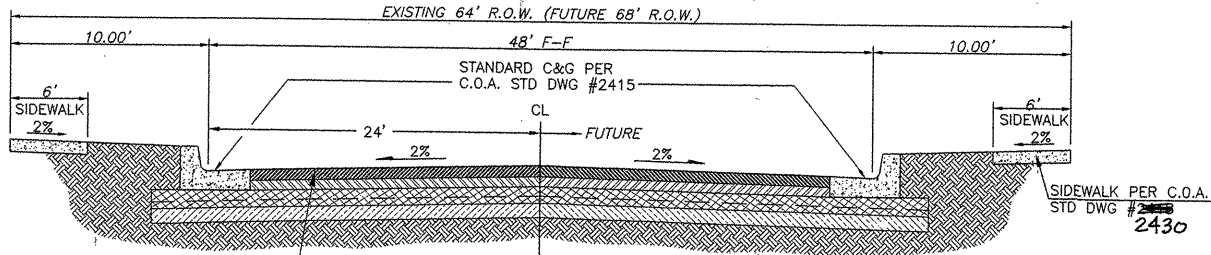
ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER  
STATE OF NEW MEXICO  
NO. **10000**  
NAME: **ADVANCED ENGINEERING and CONSULTING, LLC**  
ADDRESS: **10205 SNOWFLAKE CT. NW, ALBUQUERQUE, NEW MEXICO 87114**  
PHONE: **(505)899-5570**



NOTES

1. USE "TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES" AND "SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS" SHEETS 7 OF 8 AND 8 OF 8.
2. THERE ARE NO EXISTING ENTRANCES OR ACCESSES FROM THE PROPERTIES ON 86TH STREET WITHIN BARRICADED AREA.
3. 86TH STREET WILL BE CLOSED FROM BRIDGE BOULEVARD TO CENTRAL AVENUE DURING THE CONSTRUCTION.
4. TRAFFIC WILL BE ROUTED TO AND FROM CENTRAL AVENUE VIA BRIDGE BOULEVARD AND UNSER BOULEVARD.
5. CONTRACTOR SHALL WORK EXTENDED HOURS, FROM 7:00 A.M. TO 10:00 P.M., MONDAYS THROUGH SATURDAYS, WHEN ANY DIRECTION OF 86TH STREET IS CLOSED.
6. ANY CLOSURES OF 86TH STREET WILL BE SUBJECT TO ROAD USAGE FEES OF \$0.01 PER SQUARE FOOT OF BARRICADED AREA PER DAY. FOR TOTAL ROAD CLOSURES, THE FEE WILL BE BASED ON THE ENTIRE AREA BETWEEN CENTRAL AVE. AND BRIDGE BLVD.
7. THE CONTRACTOR SHALL ATTEMPT TO CONSTRUCT AS MUCH WORK AS POSSIBLE OUTSIDE THE EXISTING ROAD LIMITS PRIOR TO AFFECTING TRAFFIC ON 86TH STREET.



SECTION A-A  
NTS  
SEE SHEET 5 OF 8 FOR SECTION LOCATION



THIS DRAWING IS NOT TO SCALE

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	NO.		AS BUILT	DATE	NO.		NO.	BY	DATE		NO.	BY	DATE	
INSPECTOR'S	DATE	NO.		LOCATED IN THE CENTRAL AVE.	DATE	NO.		FIELD NOTES				REGISTERED PROFESSIONAL ENGINEER			
FIELD CHANGE BY	DATE	NO.		CENTRAL STATION DATA											
VERIFICATION BY	DATE	NO.		NM STATE PLANE COORDINATES											
CORRECTED BY	DATE	NO.		CENTRAL ZONE, NAD 1927											
				X=355.815.77											
				Y=1.482.842.09											
				G-G=0.99967820											
				D=0.001637											
				ELEV=5177.36, NOVD 1929											

**ADVANCED  
ENGINEERING  
and CONSULTING, LLC**

10205 SNOWFLAKE CT., NW  
ALBUQUERQUE, NEW MEXICO 87114  
(505)899-5570

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: <b>86TH STREET, SW TRAFFIC CONTROL PLAN</b>			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
SEP 10	SEP 25 2004		
CITY ENGINEER			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
663481	K-9-Z	6	8

C:\CSTND2.DWG

