

2 3 4 5 6 7 8 9 10 11 12 13 14 15  
26-7066.811-681

## RECORD DRAWING

I, **SHAHAB BIAZAR** OF THE FIRM OF **ADVANCED ENGINEERING AND CONSULTING, LLC**, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE INFRASTRUCTURE INSTALLED AS PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR BY A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY ENGINEER AND THAT THE ORIGINAL DESIGN INTENT OF THE APPROVED PLANS HAS BEEN MET, EXCEPT AS NOTED BY ME ON THE AS-BUILT CONSTRUCTION DRAWINGS. THIS CERTIFICATION IS BASED ON SITE INSPECTIONS BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY **LEONARD MARTINEZ** OF **ADVANCED ENGINEERING**, NMPs NUMBER 13479.

SHAHAB BIAZAR, PE  
NMP# NO. 13479  
DATE 6/8/07  
Advanced Eng. & Cons., LLC

# CONSTRUCTION PLANS

## FOR

# ALAMEDA TRAIL

## PAVING AND UTILITY IMPROVEMENTS

### NOTICE TO CONTRACTORS

- PROJECT IS SUBJECT TO THE REQUIREMENTS OF COUNTY ORDINANCE NO. 95-12 AND ORDINANCE NO. 96-3. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY. CONTRACTOR SHALL CALL 848-1500 FOR MORE INFORMATION.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE COUNTY TRAFFIC CONTROL MANAGER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK. TRAFFIC CONTROL PLANS SHALL BE PREPARED IN ACCORDANCE WITH NOTED REQUIREMENTS AND BY CERTIFIED PERSONNEL AND MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT. CALL 848-1500 FOR FURTHER INFORMATION.
- A DAILY TRAFFIC CONTROL LOG SHALL BE MAINTAINED BY THE CONTRACTOR REFLECTING THE TYPES AND LOCATIONS OF ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, ETC. BEING USED ON THE PROJECT IN COMPLIANCE WITH THE APPROVED TRAFFIC CONTROL PLAN. THIS LOG SHALL BE SUBMITTED TO THE BERNILLO COUNTY TRAFFIC CONTROL MANAGER UPON COMPLETION OF THE PROJECT CONSTRUCTION OR WHEN SO REQUESTED BY THE PROJECT OR THE TRAFFIC CONTROL MANAGER.
- CONTRACTOR SHALL PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNILLO COUNTY PUBLIC WORKS DIVISION.
- THE CONTRACTOR SHALL FILE WEEKLY WRITTEN REPORT TO THE TRAFFIC CONTROL MANAGER DESCRIBING THE TRAFFIC CONTROL PLAN THAT WILL BE IN EFFECT FOR THE FOLLOWING WEEK.
- SUBJECT TO THE APPROVED TRAFFIC CONTROL PLAN, AT LEAST ONE LANE SHALL BE OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE PROPER SIGNAGE AND FLAGMAN AND SHALL MAINTAIN THE TRAFFIC LANE IN SUCH A MANNER AS TO ASSURE PROPER SAFETY TO THE TRAVELING PUBLIC ON ALL AFFECTED ROADS. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL PRIVATE AND PUBLIC PROPERTY AT ALL TIMES, EXCEPT WHEN GRADING, EXCAVATION AND BACKFILL OPERATIONS ARE BEING CONDUCTED IMMEDIATELY IN FRONT OF THE PROPERTY, IN WHICH CASE ACCESS WILL NOT BE DENIED FOR MORE THAN 4 HOURS WITHOUT APPROVAL BY THE COUNTY.
- TRAFFIC LANES PROVIDED DURING CONSTRUCTION SHALL BE MAINTAINED, IN SUCH A CONDITION UNDER ALL WEATHER CONDITIONS.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH BERNILLO COUNTY PUBLIC WORKS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- BERNILLO COUNTY INSPECTOR MUST VERIFY THICKNESS OF THE EXISTING PAVEMENT. CALL 848-1500.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENT AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES WILL BE GOVERNED BY FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS, INCLUDING OSHA 29 CFR 1926.650 SUBPART P, CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH NPDES RULES AND REGULATION. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS. THE CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LAND OWNERS TO THE COUNTY. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE NATIONAL POLLUTANT ELIMINATION DISCHARGE SYSTEM (NPDES) REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, OBTAINING A NPDES PERMIT DURING CONSTRUCTION, SUBMISSION OF A COMPLETED NOTICE OF INTENT (NOI) APPLICATION, AND SUBMISSION OF A COMPLETED NOTICE OF TERMINATION (NOT).
- THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE IMPLEMENTATION OF INSPECTION REPORTS FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THE SWPPP REVIEWED AND APPROVED BY THE BERNILLO COUNTY PUBLIC WORKS DIVISION, AT NO ADDITIONAL COST TO THE COUNTY, PRIOR TO IMPLEMENTATION OF THE SWPPP.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED STREET SIGNS, WHICH SHALL MEET THE COUNTY INSPECTORS APPROVAL. IF THE COUNTY TRAFFIC ENGINEER DEEMS DURING THE TIME OF CONSTRUCTION THAT ADDITIONAL TRAFFIC SIGNS ARE REQUIRED, THEY SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE COUNTY AND SHALL MEET THE COUNTY INSPECTORS APPROVAL. ALL SIGNS AND CODING SHALL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
- WHEN APPLICABLE THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND AN EXCAVATION/CONSTRUCTION PERMIT FROM THE COUNTY. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE COUNTY RIGHT-OF-WAY.
- WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS THE EXISTING PAVEMENT SHALL BE SAW CUT PER BERNILLO COUNTY STANDARD DRAWING 2465 TO A STRAIGHT LINE AT RIGHT ANGLES AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO PAVING. THEREFOR, NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING. A BERNILLO COUNTY INSPECTOR (848-1500) MUST VERIFY PAVEMENT THICKNESS.
- THE CONTRACTOR WILL PLACE PERMANENT STRIPING AND MARKINGS. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, WORDS AND ARROWS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC AND LINE MARKINGS ARE TO BE CONSTRUCTED OF DURABLE PAINT IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ANY PAVEMENT MARKINGS AND SIGNS REMOVED OR DAMAGED DURING CONSTRUCTION OUTSIDE OF PROJECT LIMITS SHALL BE REPLACED AT EXISTING LOCATIONS BY THE CONTRACTOR AT HIS COST.
- NMDOT HAS JURISDICTION OVER ALAMEDA BOULEVARD. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WORK WITH THE ALAMEDA BOULEVARD ROW WITH NMDOT AND OBTAIN ALL NECESSARY PERMITS FOR SAID CONSTRUCTION WORK.

## CITY OF ALBUQUERQUE

### NEW MEXICO

## JANUARY, 2006

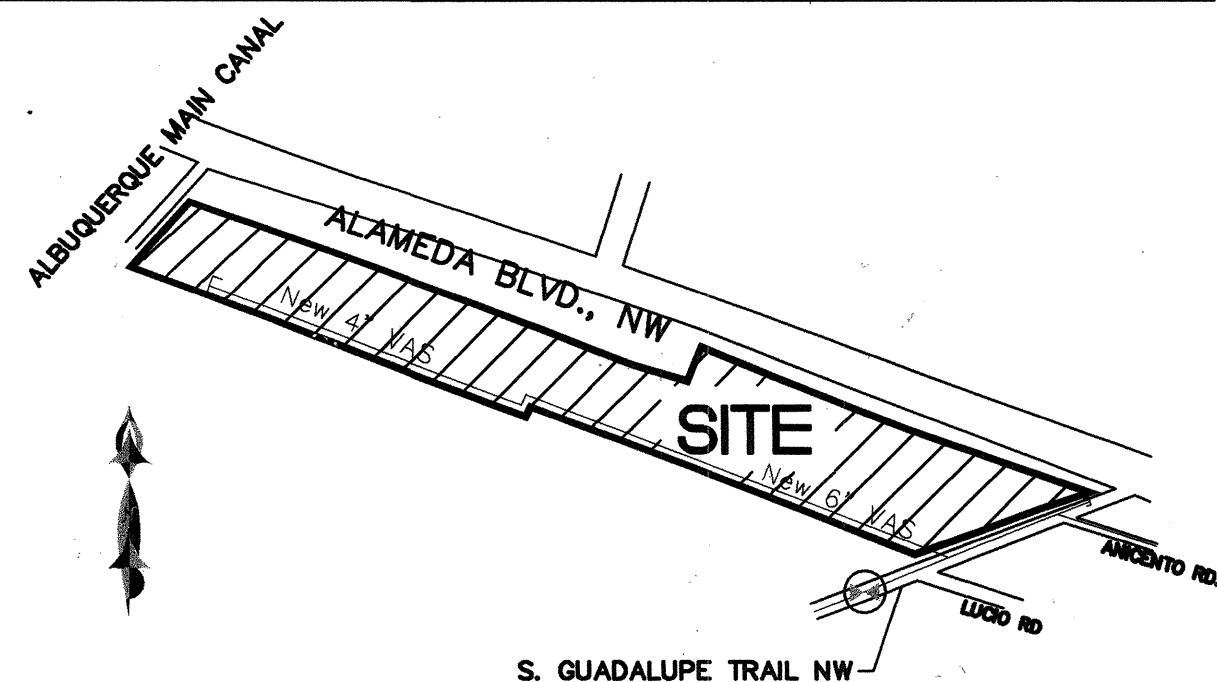
### INDEX TO DRAWINGS

- TITLE SHEET
- PLAT
- GRADING AND DRAINAGE PLAN
- PEJMAN PAVING IMPROVEMENTS
- ROHAN PAVING IMPROVEMENTS
- ALBUQUERQUE MAIN CANAL/ALAMEDA UTILITY IMPROVEMENTS & TRAFFIC CONTROL PLAN
- PEJMAN UTILITY IMPROVEMENTS
- ROHAN UTILITY IMPROVEMENTS
- S. GUADALUPE TRAIL TRAFFIC CONTROL PLAN
- S. GUADALUPE TRAIL UTILITY IMPROVEMENT PLAN

#### S.A.S. SHUTOFF NOTES:

- ONLY C.O.A. SANITARY SEWER PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
- NOTIFY CITY OF ALBUQUERQUE, SANITARY SEWER DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE S.A.S. SHUT OFF PLAN
- APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
- SHUTOFF VALVES INDICATED ON THE PLAN BELOW (→) X

#### SANITARY SEWER SHUTOFF PLAN



#### WATER SYSTEMS NOTES:

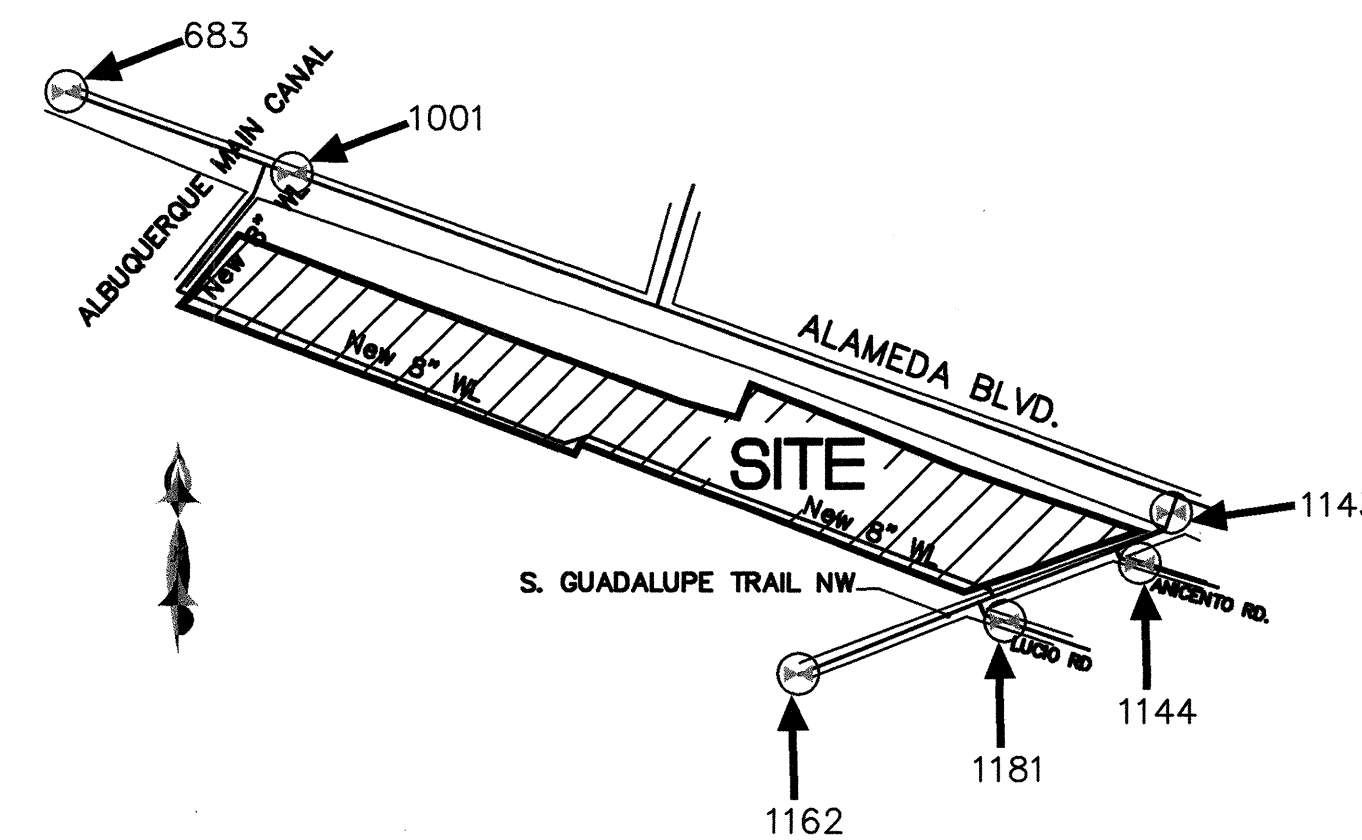
- THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

- ELECTRIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE STANDARD SPECIFICATIONS, PLUS AT ALL BENDS, VALVES AND MAIN LINE WYES ON VACUUM SEWERS.

#### WATER SHUTOFF NOTES:

- ONLY C.O.A. WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
- NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
- APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
- SHUTOFF VALVES INDICATED ON THE PLAN BELOW (→) 1001, 1061, 1071, 1073, 1142, 1143, 1144, 1181

#### WATER SHUTOFF PLAN

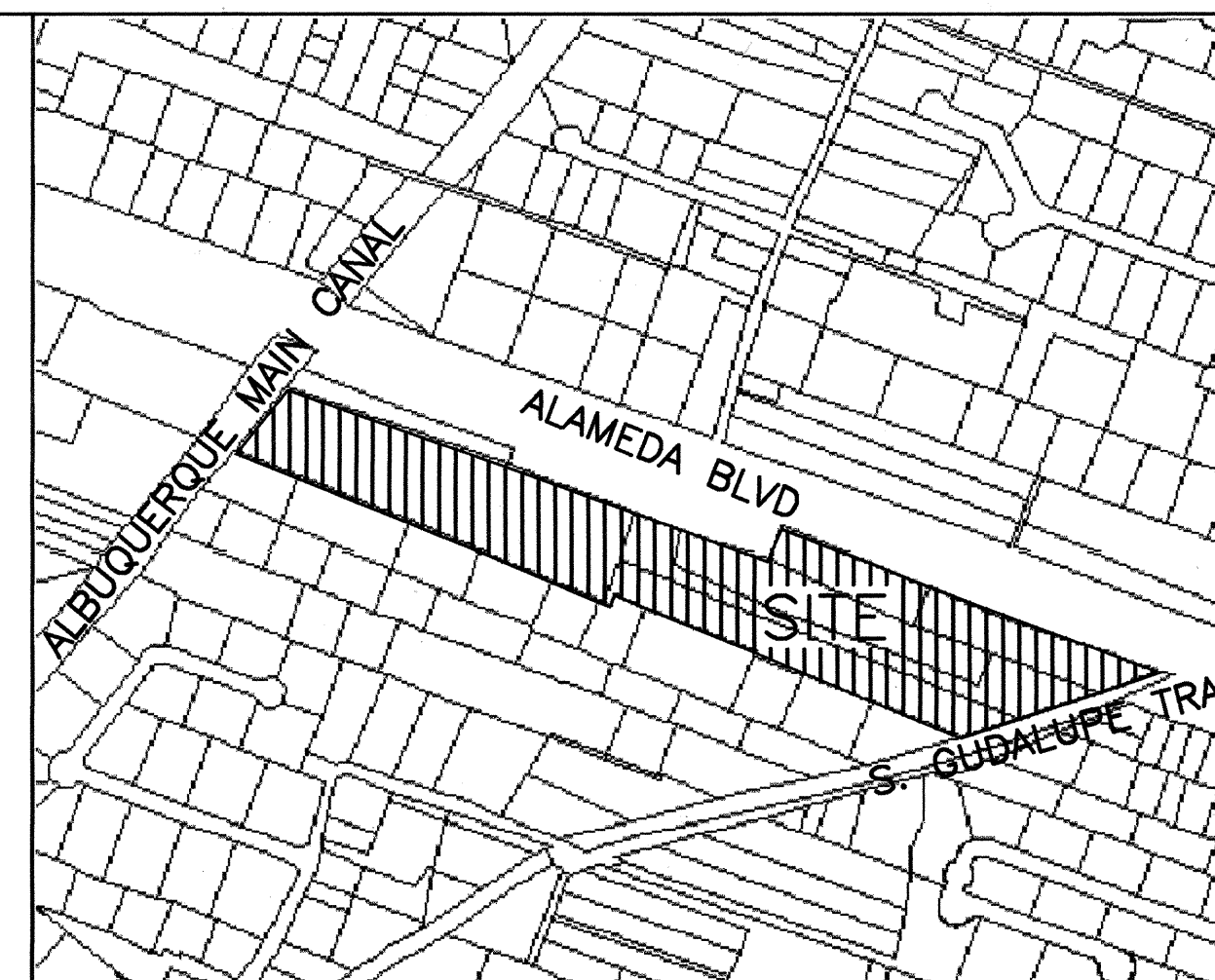


MIDDLE RIO GRANDE CONSERVANCY DISTRICT DATE

D3-DIST TRAFFIC ENGINEER - NMDOT DATE

BERNILLO COUNTY PUBLIC WORK DIVISION DATE

PROJECT #PWCO 50031



VICINITY MAP ZONE ATLAS B-15-Z

### N.T.S. NOTICE TO CONTRACTORS

- 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 #7)
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (765-1234) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
- 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.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO BERNILLO COUNTY PUBLIC WORKS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE BERNILLO COUNTY PUBLIC WORKS DIVISION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEER (848-1500) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS, SECTION 19.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMO-PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 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 NOTIFY 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 IN 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. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUNDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUNDED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

#### 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 DESIGN ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMP WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSIONED 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.

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman		2-15-06	APPROVED FOR CONSTRUCTION		
		Transportation					
		Water/Wastewater		4/15/06			
		Hydrology					
		C.I.P.					
		Constr. Coord.					
		CITY PROJECT NO.	773681				
		SHEET	1 OF 9				



# GENERAL NOTES:

- PORTIONS OF THIS PROPERTY ARE WITHIN A 100 YEAR FLOODPLAIN AS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM'S "FLOOD INSURANCE RATE MAP". ANY DEVELOPMENT OF THIS PROPERTY MUST CONFORM TO THE BERNALILLO COUNTY FLOOD DAMAGE PREVENTION ORDINANCE. THE PROPERTY MAY BE SUBJECT TO THE FLOOD INSURANCE REQUIREMENTS OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA). FLOOD INSURANCE IS LIKELY TO BE REQUIRED FOR DEVELOPMENT OF THESE PROPERTIES.

## EASEMENTS:

THIS PLAT SHOWS EXISTING RECORDED AND APPARENT EASEMENTS AS NOTED. PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

- THE PNM ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
- THE PNM GAS SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
- QUEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
- COMCAST CABLE COMMUNICATION, INC. FOR THE INSTALLATION, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

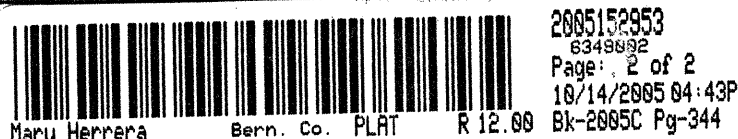
INCLUDED IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN, NO BUILDING, SING, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL, DECKING, OR OTHER STRUCTURE SHALL BE ERRECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON, PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO WITHIN OR NEAR EASEMENTS SHOWN ON THIS PLAT.

IN APPROVING THIS PLAT, THE UTILITY COMPANIES DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, THE UTILITY COMPANIES DO NOT WAIVE OR RELEASE ANY EASEMENT OR EASEMENT RIGHTS WHICH MAY HAVE BEEN GRANTED BY PRIOR PLAT, REPLAT OR OTHER DOCUMENT AND WHICH ARE NOT SHOWN ON THIS PLAT.

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

## LEGEND

- BOUNDARY LINE
- EXISTING LOT LINE
- EASEMENT

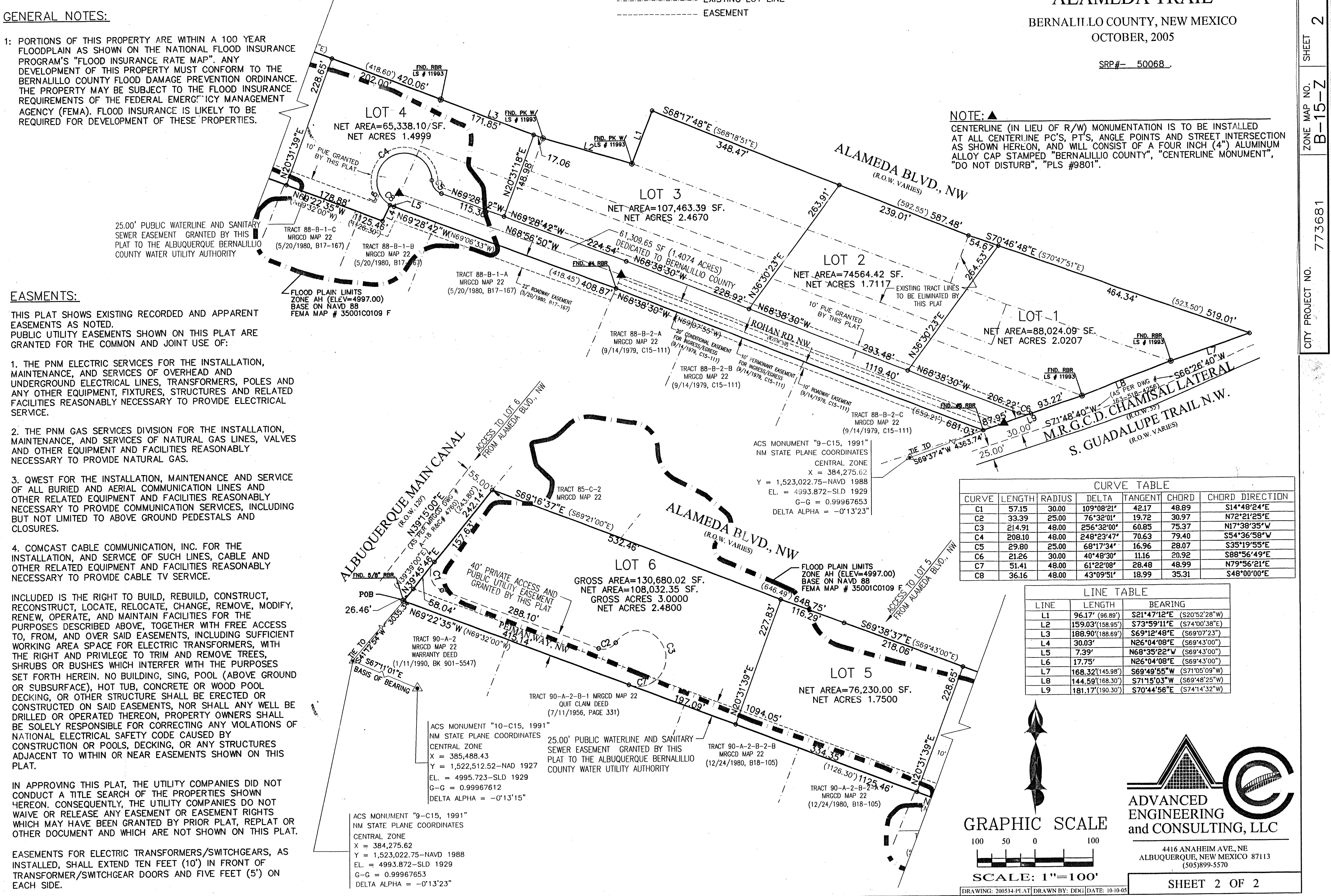


## PLAT OF LOTS 1 THRU 6 ALAMEDA TRAIL

BERNALILLO COUNTY, NEW MEXICO  
OCTOBER, 2005

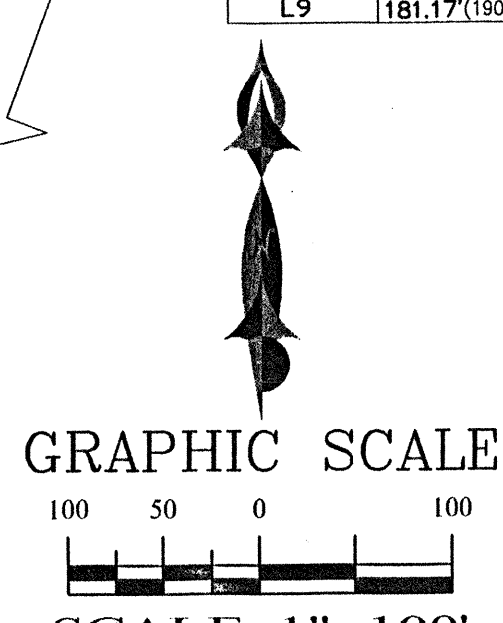
SRP# - 50068

NOTE: CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET INTERSECTION AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "BERNALILLO COUNTY", "CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS #9801".



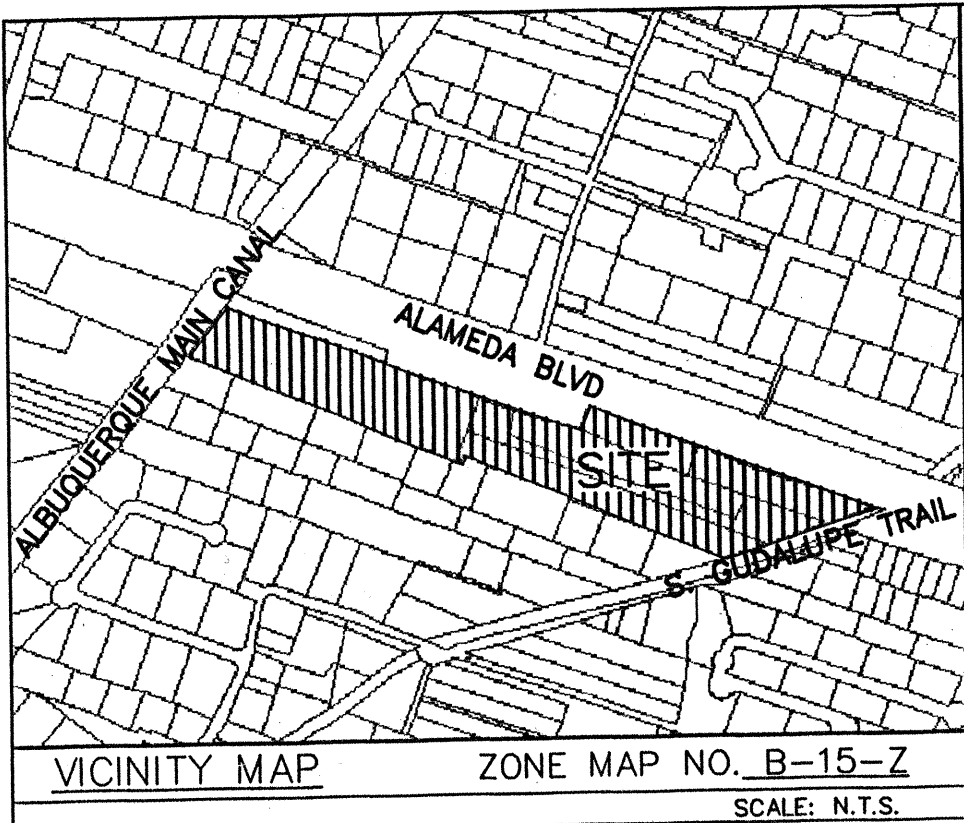
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD DIRECTION
C1	57.15	30.00	109°08'21"	42.17	48.89	S14°48'24"E
C2	33.39	25.00	76°32'01"	19.72	30.97	N72°21'25"E
C3	214.91	48.00	256°32'00"	60.85	75.37	N17°38'35"W
C4	208.10	48.00	248°23'47"	70.63	79.40	S54°36'58"W
C5	29.80	25.00	68°17'34"	16.96	28.07	S35°19'55"E
C6	21.26	30.00	40°48'30"	11.16	20.92	S88°56'49"E
C7	51.41	48.00	61°22'08"	28.48	48.99	N79°56'21"E
C8	36.16	48.00	43°09'51"	18.99	35.31	S48°00'00"E

LINE	LENGTH	BEARING
L1	96.17' (86.89')	S21°47'12"E (S20°52'28"W)
L2	159.03' (158.95')	S73°59'11"E (S74°00'38"E)
L3	188.90' (188.89')	S69°12'48"E (S69°07'23"E)
L4	30.03'	N26°04'08"E (S69°43'00"W)
L5	7.39'	N68°35'22"W (S69°43'00"W)
L6	17.75'	N26°04'08"E (S69°43'00"W)
L7	168.32' (145.98')	S69°49'55"W (S71°05'09"W)
L8	144.59' (168.30')	S71°15'03"W (S69°48'25"W)
L9	181.17' (180.30')	S70°44'56"E (S74°14'32"W)



ADVANCED ENGINEERING and CONSULTING, LLC  
4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505) 899-5570

SHEET 2 OF 2



## LEGAL DESCRIPTION:

A CERTAIN PARCEL OF LAND SITUATE WITHIN SECTION 9, TOWNSHIP 11 NORTH, RANGE 3 EAST, TOWN OF ALAMEDA, GRANT, NEW MEXICO, N.M.P.M., BERNALILLO COUNTY, NEW MEXICO, COMPRISING TRACTS 85-A-2, 86-A-1-B, 87, 88-A-1, 88-A-2, AND A PORTION OF TRACT 86-A-1-A-2 OF M.R.G.C.D. MAP NUMBER 22, BEING DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE HEREIN DESCRIBED PARCEL, BEING A POINT ON THE EASTERLY ROW LINE OF ALBUQUERQUE MAIN CANAL, WHENCE A TIE TO ACS MONUMENT "9-C15" BEARS S 41°12'54" W, A DISTANCE OF 3035.34 FEET;

- THENCE, N 39°45'46" E, A DISTANCE OF 242.14 FEET TO THE NORTHWEST CORNER OF THE TRACT HEREIN BEING DESCRIBED A POINT ON SOUTH RIGHT OF ALAMEDA BLVD., NW;
- THENCE, S 69°16'37" E, A DISTANCE OF 648.75 FEET TO A POINT;
- THENCE S 69°38'37" E, A DISTANCE OF 420.06 FEET TO A POINT;
- THENCE S 69°12'48" E, A DISTANCE OF 188.90 FEET TO A POINT;
- THENCE S 73°59'11" E, A DISTANCE OF 159.03 FEET TO AN ANGLE POINT;
- THENCE N 21°47'12" E, A DISTANCE OF 96.17 FEET TO AN ANGLE POINT;
- THENCE S 68°17'48" E, A DISTANCE OF 587.48 FEET TO A POINT;
- THENCE, S 70°46'48" E, A DISTANCE OF 519.01 FEET TO THE NORTHEAST CORNER OF TRACT AND A POINT ON THE EASTERLY RIGHT OF WAY LINE OF CHAMISAL LATERAL;
- THENCE, S 71°15'03" W, A DISTANCE OF 144.59 FEET TO A POINT;
- THENCE, S 69°49'55" W, A DISTANCE OF 168.32 TO A POINT;
- THENCE, S 70°44'56" W, A DISTANCE OF 181.17 FEET TO THE SOUTHEAST CORNER OF TRACT;
- THENCE, N 68°38'30" W, A DISTANCE OF 681.03 FEET TO A POINT;
- THENCE, N 69°28'42" W, A DISTANCE OF 408.87 FEET TO A POINT;
- THENCE, N 68°35'22" W, A DISTANCE OF 7.39 FEET TO AN ANGLE POINT;
- THENCE, S 26°04'08" W, A DISTANCE OF 30.03 FEET TO AN ANGLE POINT;
- THENCE, N 69°22'35" W, A DISTANCE OF 1125.46 FEET TO THE POINT OF BEGINNING CONTAINING 13.8651 ACRES (603,963.76 SF) MORE OR LESS.

## UTILITY APPROVALS:

Charles F. Brown 10-11-05  
PNM GAS SERVICES  
Charles F. Brown 10-11-05  
PNM ELECTRIC SERVICES  
Sonja Juarez 10-13-05  
QUEST  
Rogee Bulson 10-12-05  
COMCAST CABLE COMMUNICATION, INC.  
Rogee A. Juarez 10-13-05  
WATER UTILITY DEPARTMENT

OWNER(S) SIGNATURE: Esmail Hardari DATE: 10/3/05  
OWNER(S) PRINT NAME: Esmail Hardari

## ACKNOWLEDGMENT

STATE OF NEW MEXICO ) S.S.  
COUNTY OF BERNALILLO )  
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 3rd DAY OF October

2005 BY Raymond A. Gallegos  
NOTARY  
2005 BY Esmail Hardari  
NOTARY

## PLAT OF LOTS 1 THRU 6 ALAMEDA TRAIL

BERNALILLO COUNTY, NEW MEXICO  
OCTOBER, 2005

APPROVED on the condition that all rights of the Middle Rio Grande Conservancy District in easements, rights of way, assessments and liens, are fully reserved to said District, and that if provision for irrigation source and easements are not provided for by the subdivisor for the subdivision, addition or plat, said District is absolved of all obligations to furnish irrigation waters and services to any portions thereof, other than from existing turnouts.

SRP# - 50068

## APPROVALS:

MRCO 11/11/05  
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY 10-12-05  
CITY SURVEYOR, CITY OF ALBUQUERQUE, N.M. 10/3/05  
CITY APPROVALS:  
Bernalillo County Development Review Authority, Chair 10/14/05  
Bernalillo County Zoning 10-13-05  
Bernalillo County Sheriff's Office 10-13-05  
Bernalillo County Public Works 10-13-05  
Bernalillo County Environmental Health 10/13/05

## SURVEYORS CERTIFICATE:

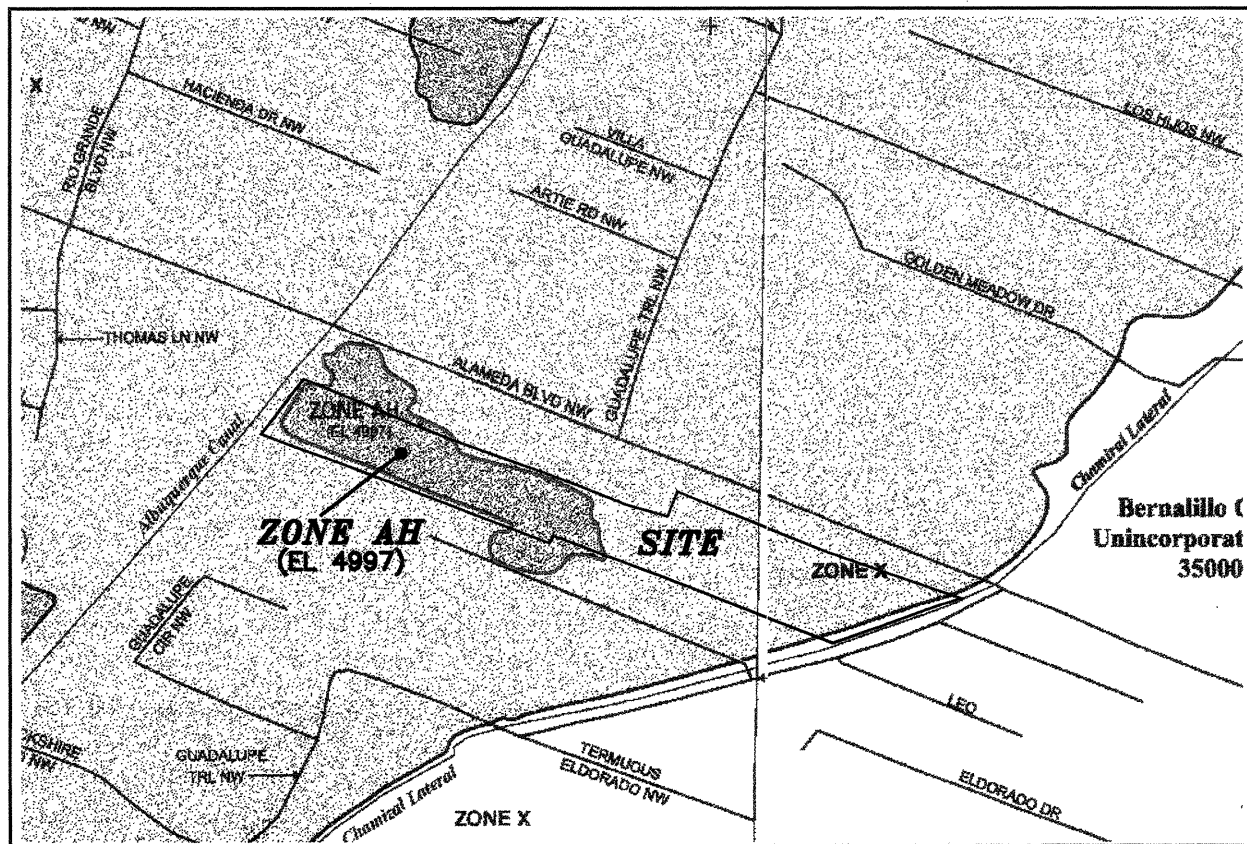
I, LEONARD MARTINEZ, A DULY PROFESSIONAL LAND SURVEYOR, UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION AND MEETS THE REQUIREMENTS FOR MONUMENTATION AND SURVEY OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND ALSO MEETS THE MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Leonard Martinez 9/30/05  
LEONARD MARTINEZ P.S. # 9801

ADVANCED ENGINEERING and CONSULTING, LLC  
4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505) 899-5570

SHEET 1 OF 2

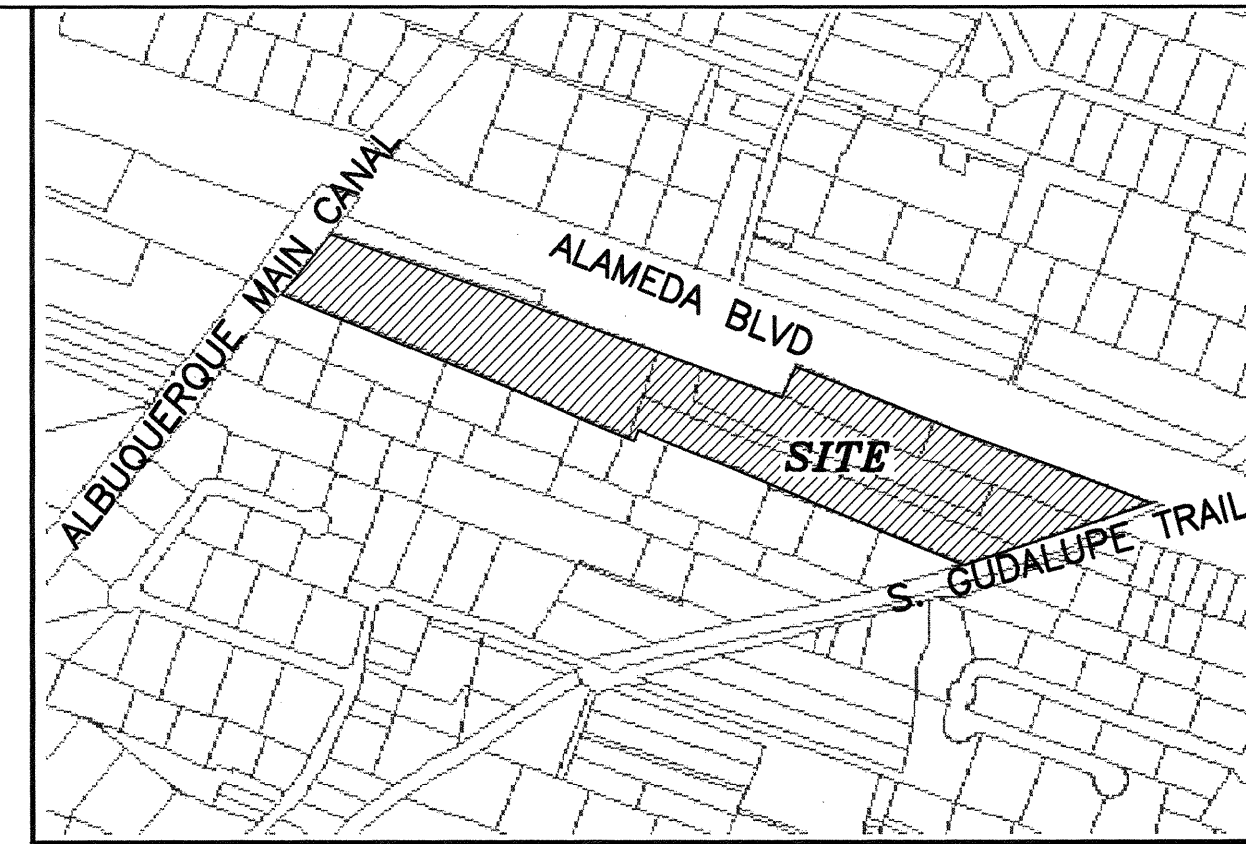




FIRM MAP: 35001C0109 F & 0128 F

#### NOTICE TO CONTRACTORS

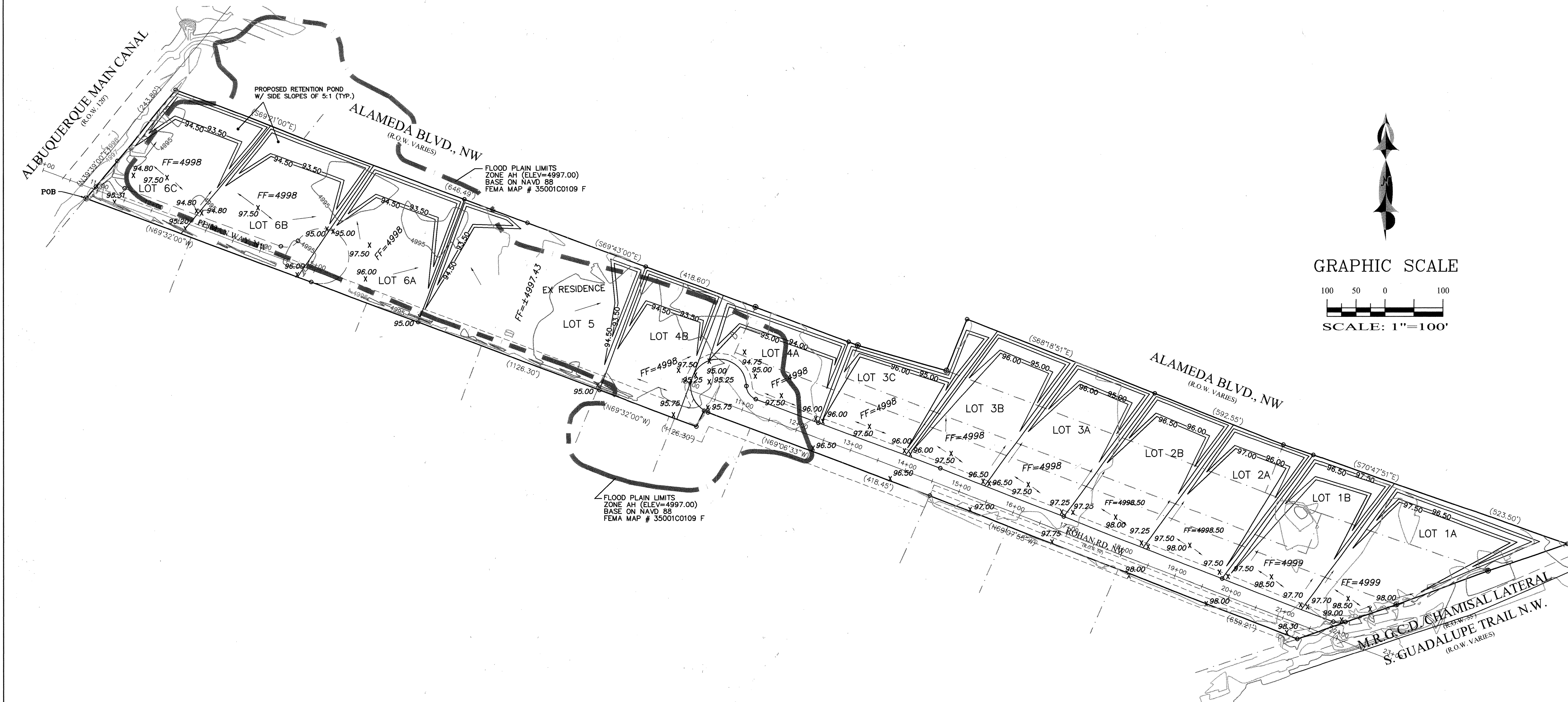
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN BERNALILLO COUNTY, R.O.W.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.



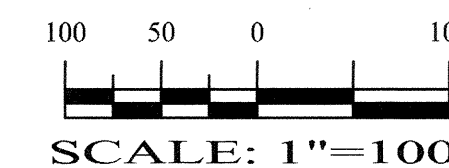
VICINITY MAP: B-15-Z

#### LEGAL DESCRIPTION:

LOTS 1A TROUGH 6C, ALAMEDA TRAIL  
CONTAINING 13.86 ACRES MORE OR LESS.



#### GRAPHIC SCALE



#### LEGEND

	EXISTING SAS MANHOLE
	EXISTING METER
	EXISTING VALVE W/BOX
	EXISTING FIRE HYDRANT
	EXISTING AIR RELEASE VALVE
	EXISTING REDUCER
	EXISTING 8" SAS
	EXISTING 16" WL
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	EXISTING CONTOUR (MAJOR)
	EXISTING CONTOUR (MINOR)
	BOUNDARY LINE
	EASEMENT
	LIMITS OF TOP OF EXISTING SLOPE
	PROPOSED SIDEWALK
	PROPOSED GRADE
	PROPOSED SPOT ELEVATION
	EXISTING GRADE
	EXISTING POWER LINES
	EXISTING FENCE
	100-YEAR WSEL (FROM HEC-RAS OUTPUT)
	EXISTING FENCE
	FLOODPLAIN LIMITS FROM FEMA MAP
	EXISTING GARDEN WALL
	PROPOSED RETAINING WALL
	PROPOSED EXTENDED STEM WALL
	TOP OF RETAINING WALL
	TOP OF FOOTING
	TOP OF EXTENDED STEM WALL
	TOP OF FOOTING
	SINGLE "A" INLET
	DOUBLE "A" INLET

#### GENERAL NOTES:

1. ADD 4900 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
2. CONTOUR INTERVAL IS ONE (1) FOOT.
3. ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL ACS MONUMENT "9-C15, 1991", HAVING AN ELEVATION OF EL. = 4996.53 FEET (NGVD-88) ABOVE SEA LEVEL.
4. UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
5. THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
6. SLOPES ARE AT 3:1 MAXIMUM.

#### EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

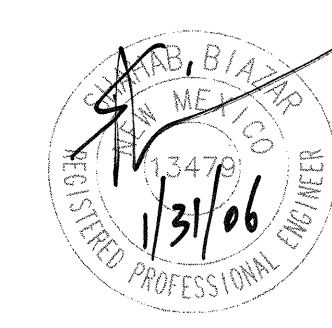
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF 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 THE DISTURBED AREAS MUST BE REVEGETATED.

#### EXISTING CONDITIONS

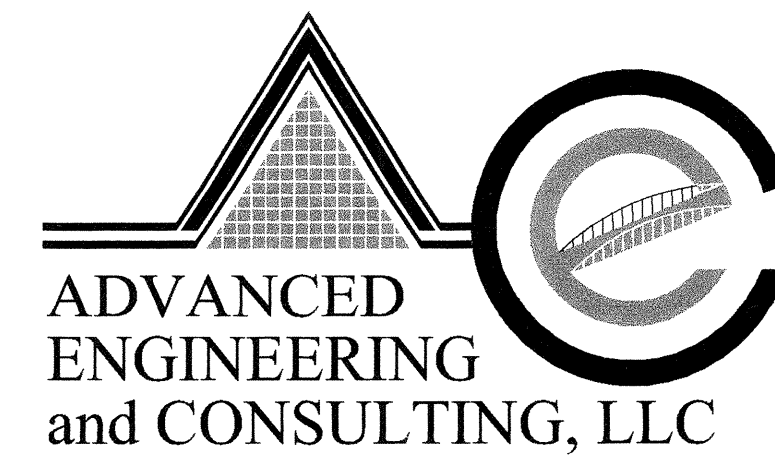
THE ENGINEER HAS PERSONALLY INSPECTED THE LAND, AND NO GRADING, FILLING, OR EXCAVATION HAS OCCURRED THEREON SINCE THE EXISTING CONTOUR MAP WAS PREPARED.

SHAHAB BIAZAR, P.E.

1/31/06  
DATE



SHAHAB BIAZAR  
P.E. #13479



ADVANCED  
ENGINEERING  
and CONSULTING, LLC

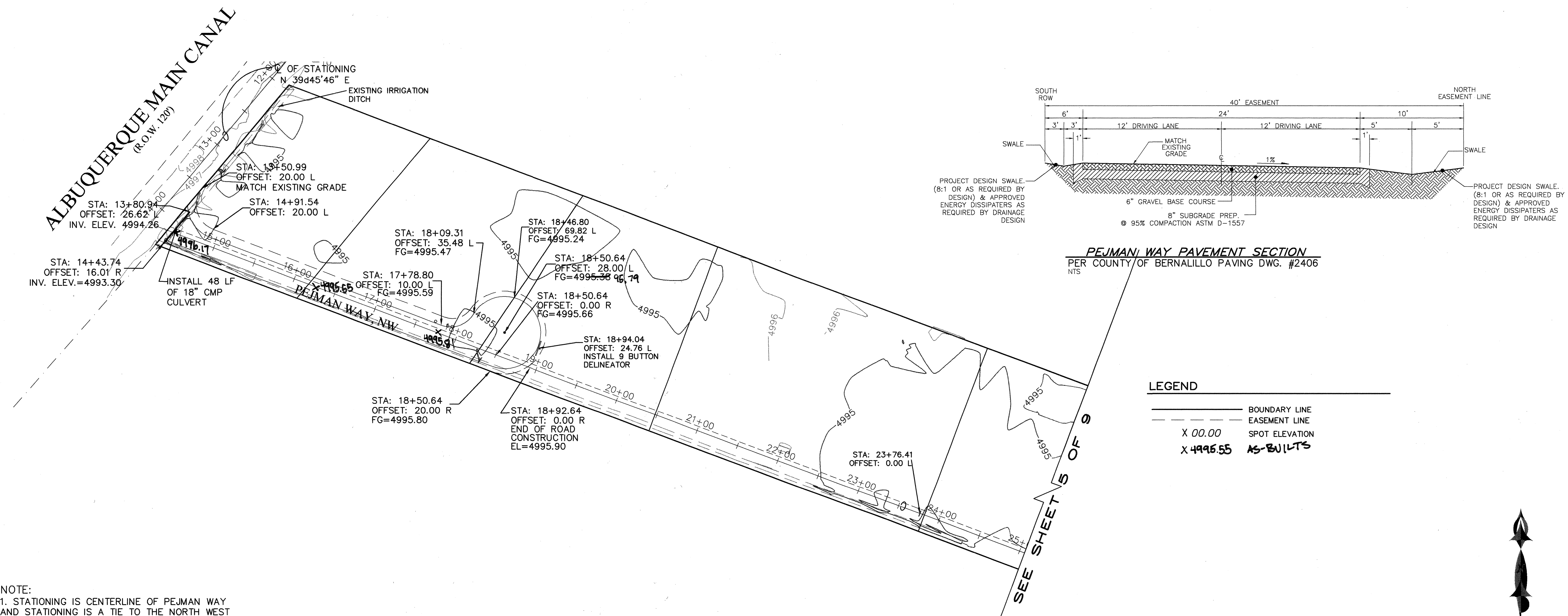
4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

LOTS 1A TROUGH 6C, ALAMEDA TRAIL  
GRADING AND DRAINAGE PLAN

CITY PROJECT NO. 773681 ZONE MAP NO. B-15-Z SHEET 3 OF 9

RECORD DRAWINGS

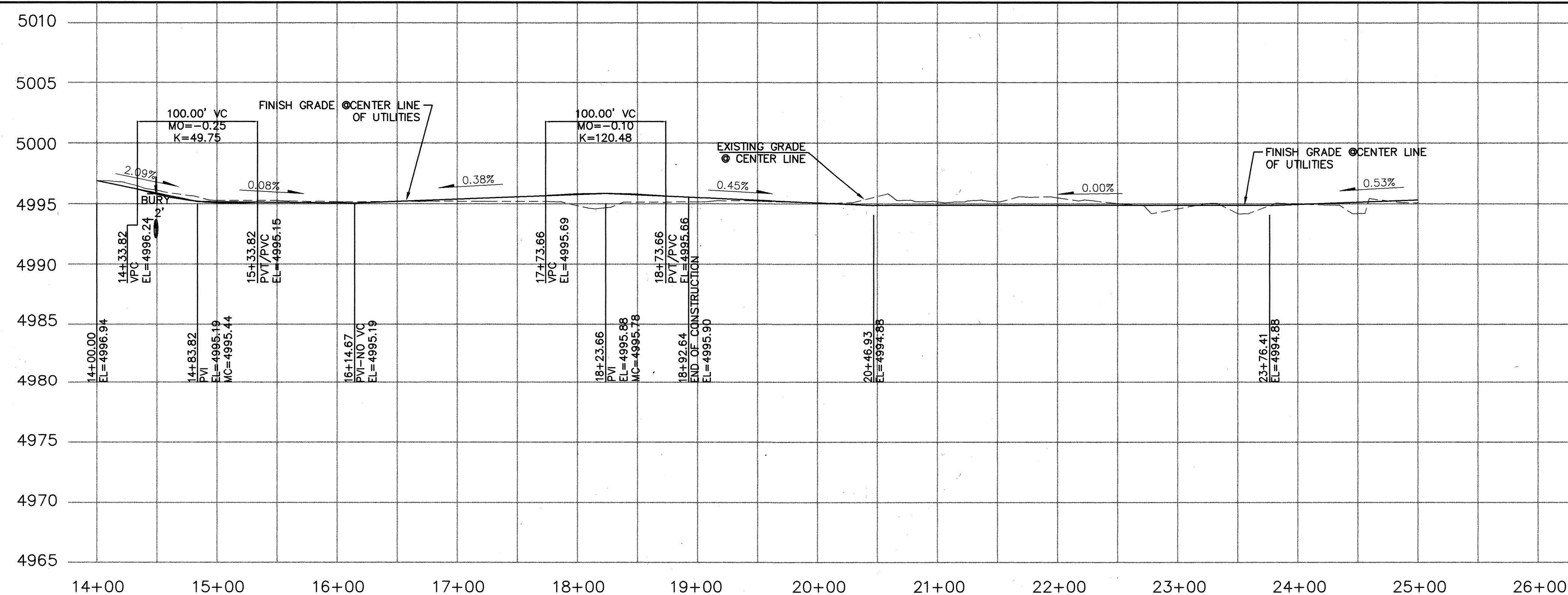




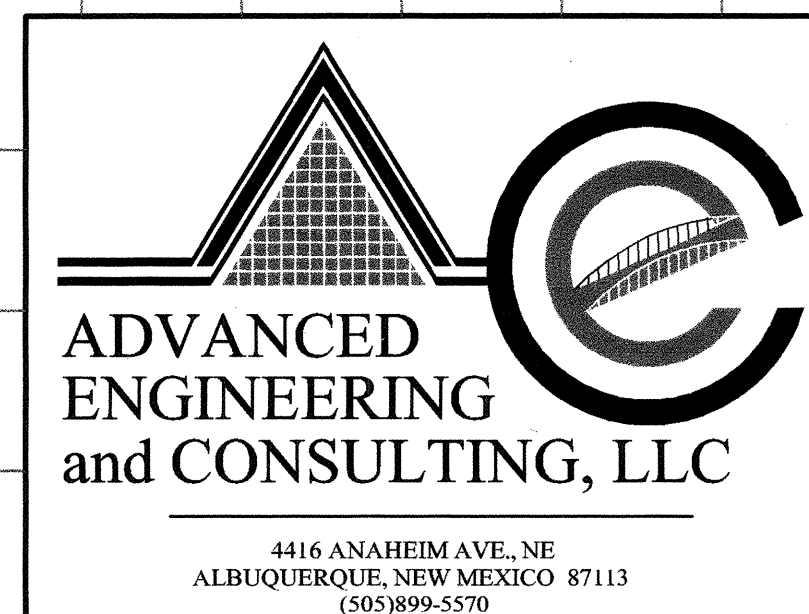
NOTE:  
1. STATIONING IS CENTERLINE OF PEJMAN WAY  
AND STATIONING IS A TIE TO THE NORTH WEST  
CORNER OF PROPERTY AT N 14° 48' 24" W  
DISTANCE 24.55'

PEJMAN WAY PAVING IMPROVEMENTS  
STA: 14+00.00 TO 25+00.00

SCALE: HORIZ. 1"=60'  
VERT. 1"= 6'



ELEVATIONS ARE NGVD 29



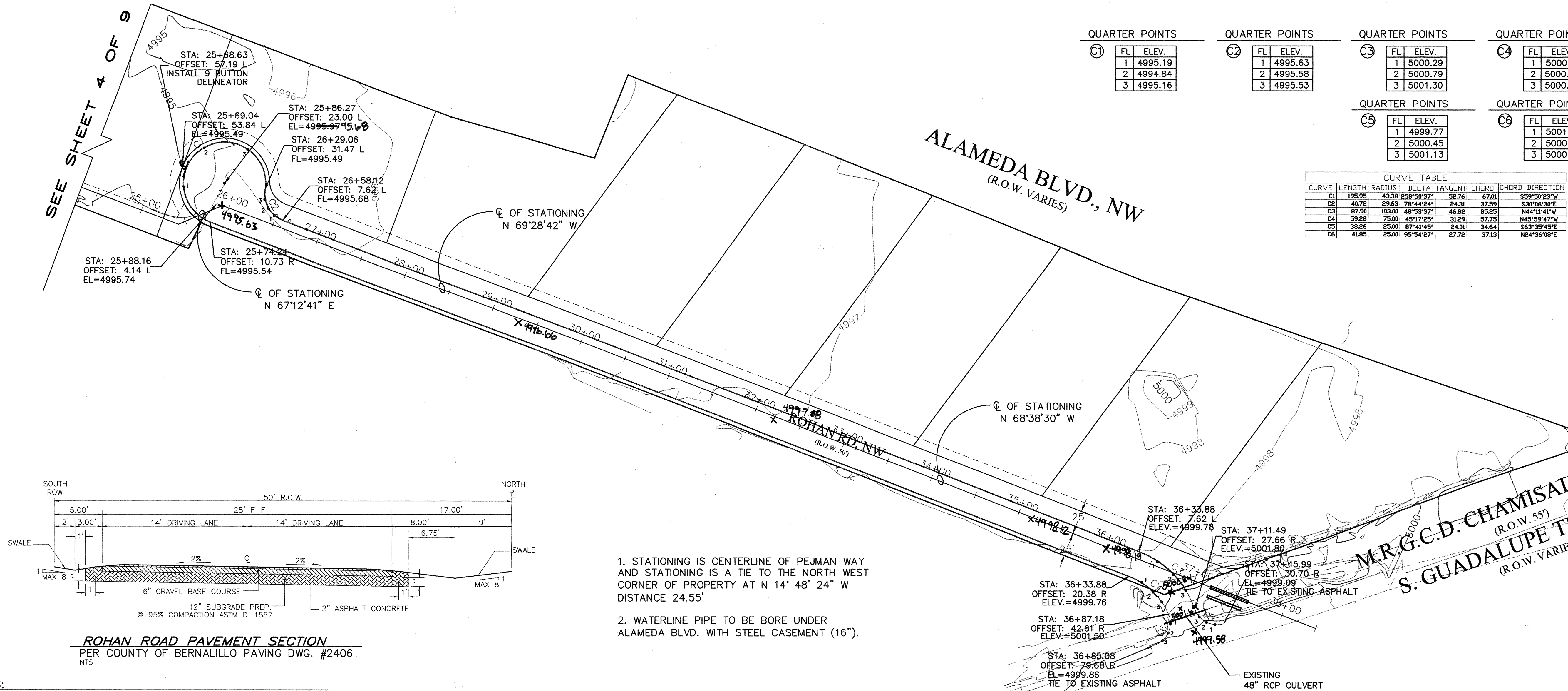
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **PEJMAN WAY**  
**PEJMAN PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		EAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	773681	ZONE MAP NO.	B-15-7	SHEET	4	OF	9
------------------	--------	--------------	--------	-------	---	----	---





QUARTER POINTS		
①	FL	ELEV.
1	4995.19	
2	4994.84	
3	4995.16	

QUARTER POINTS		
②	FL	ELEV.
1	4995.63	
2	4995.58	
3	4995.53	

QUARTER POINTS		
③	FL	ELEV.
1	5000.29	
2	5000.79	
3	5001.30	

QUARTER POINTS		
④	FL	ELEV.
1	5000.21	
2	5000.64	
3	5000.07	

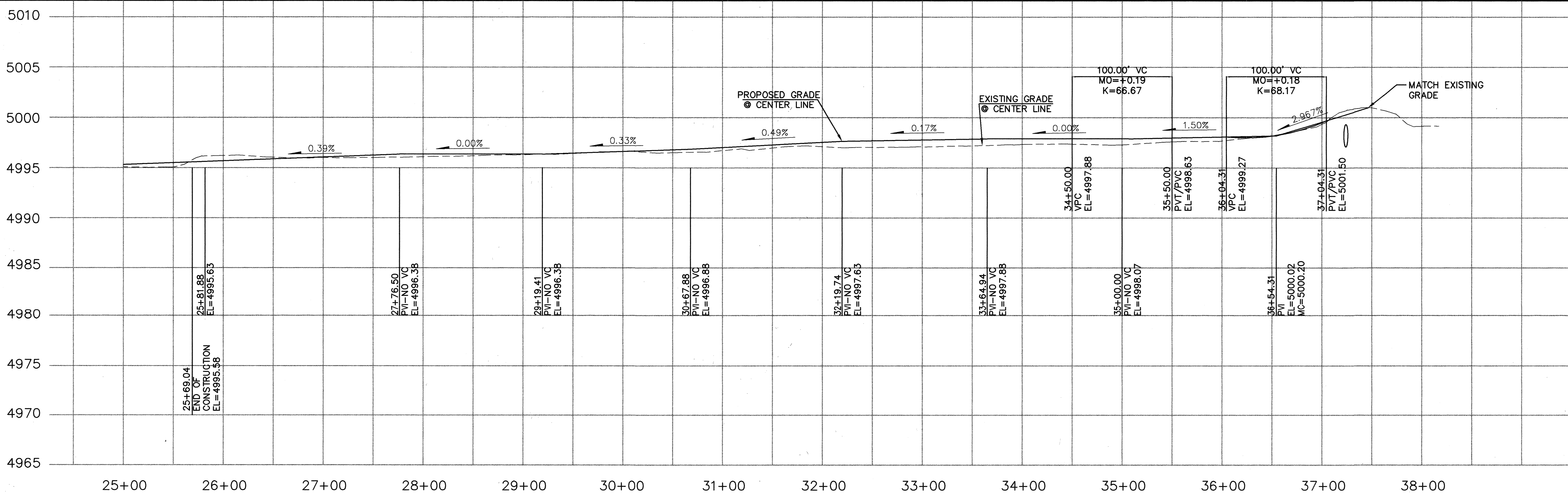
QUARTER POINTS		
⑤	FL	ELEV.
1	4999.77	
2	5000.45	
3	5001.13	

QUARTER POINTS		
⑥	FL	ELEV.
1	5001.29	
2	5000.68	
3	5000.27	

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD DIRECTION
C1	195.95	4338	258°50'37"	52.76	67.01	S59°50'23"W
C2	40.72	2963	78°44'24"	24.31	37.99	S30°06'30"E
C3	87.90	10300	48°53'37"	46.82	85.25	N44°11'41"W
C4	59.28	78.00	45°12'25"	31.29	57.75	N45°59'47"W
C5	38.26	25.00	87°41'45"	24.01	34.64	S63°35'45"E
C6	41.85	25.00	95°54'27"	27.72	37.13	N24°36'08"E

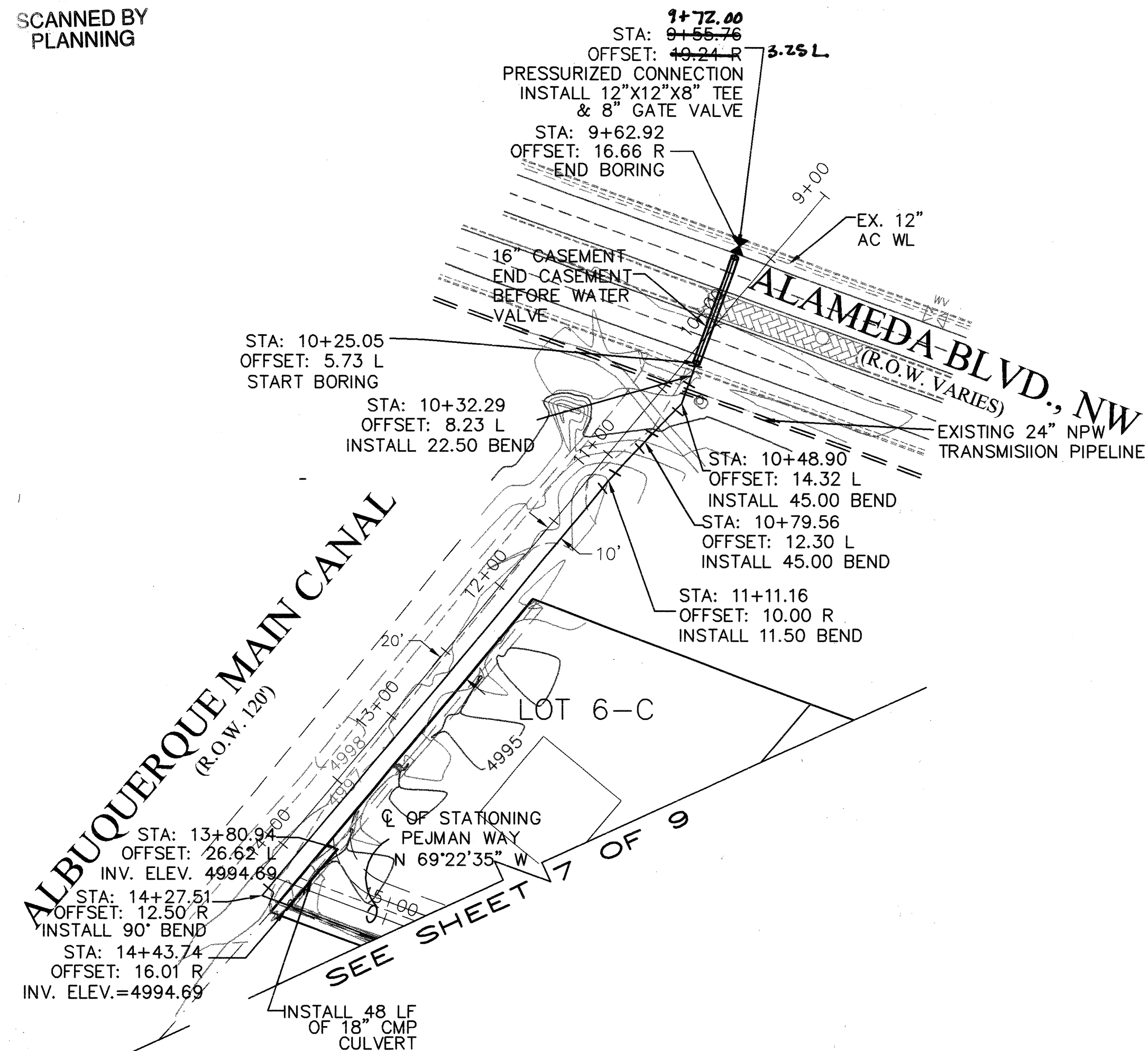
NOTES:

- STATIONING IS CENTERLINE OF ROHAN ROAD STATIONING AND WHICH HAS A TIE FROM THE SOUTH EAST CORNER WHICH BEARS S 56° 40' 35" W A DISTANCE OF 364.80' TO STATION 38+50



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: <b>ROHAN ROAD ROHAN PAVING IMPROVEMENTS</b>			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FEB 23 2006 CITY ENGINEER			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
773681	B-15-Z	5	9





NOTE:

1. STATIONING IS CENTERLINE OF PEJMAN WAY AND STATIONING IS A TIE TO THE NORTH WEST CORNER OF PROPERTY AT N 14° 48' 24" W DISTANCE 24.55'
2. WATERLINE PIPE TO BE BORE UNDER ALAMEDA BLVD. WITH STEEL CASEMENT (16").

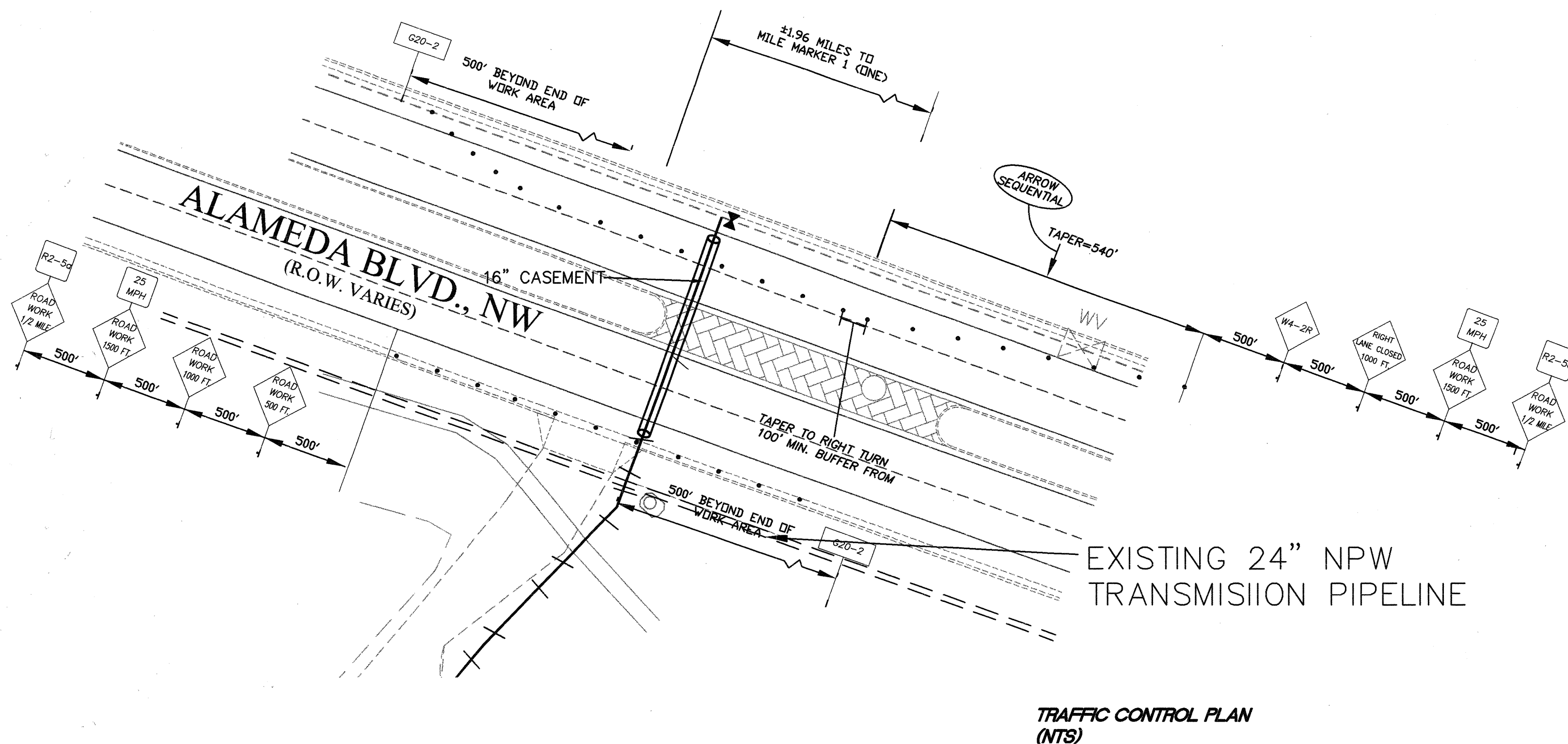
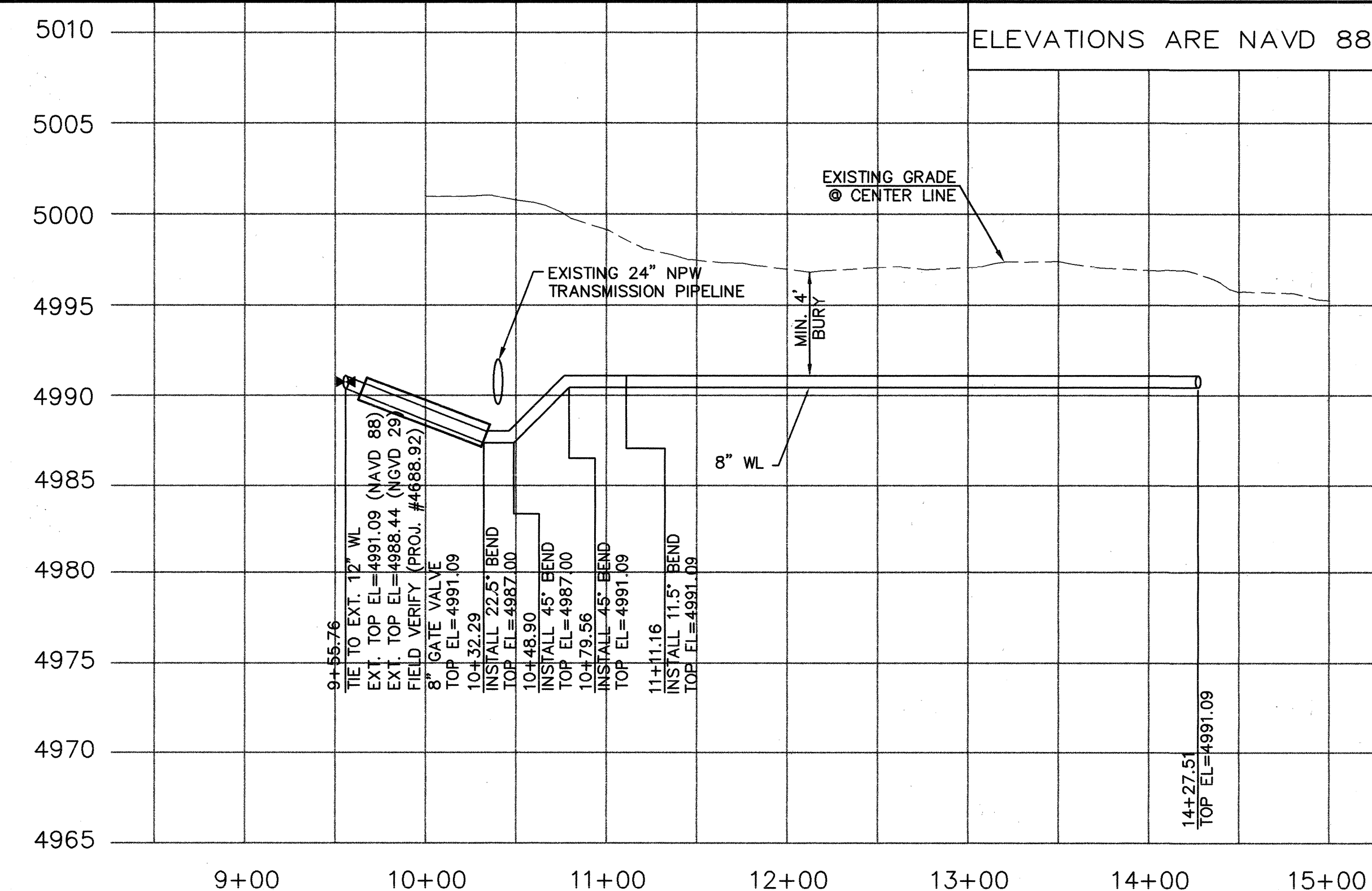
3. BORE AND JACK PER CITY STD. DWG. 2380 AND SPECIFICATION SECT. 710. PIPING ON SPACERS IS 7" O.C. MANUFACTURER IS CCI PIPING SYSTEMS MODEL # CSS 8-2-CR STAINLESS STEEL SPACER

4. CONTRACTOR TO OBTAIN A PERMIT FROM STATE HWY. DEPARTMENT PRIOR TO THE CONSTRUCTION..

5. THERE IS AN EXISTING NON-POTABLE WATERLINE LOCATION PLEASE FIELD VERIFY BEFORE CONSTRUCTION.




ALBUQUERQUE MAIN CANAL  
STA: 9+00.00 TO 14+34.50

SCALE: HORIZ. 1"=60'  
VERT. 1"= 6'



## TAPER REQUIREMENTS

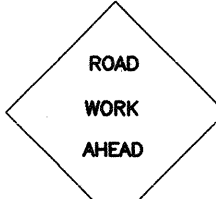
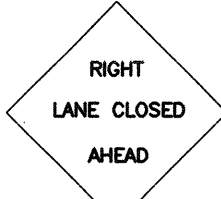
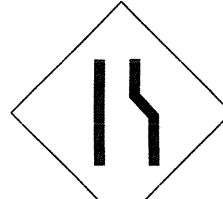
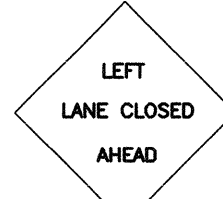
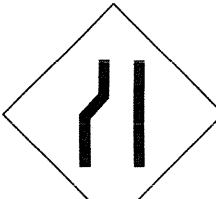
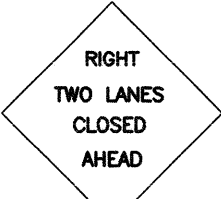

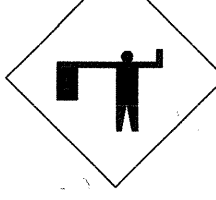
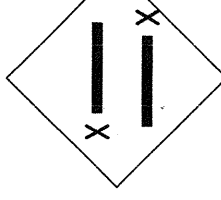
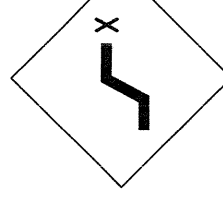
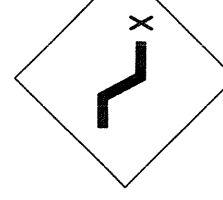
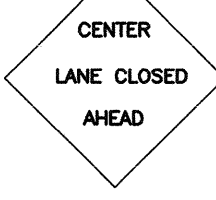
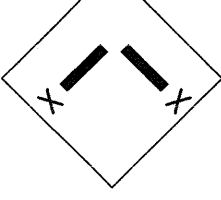
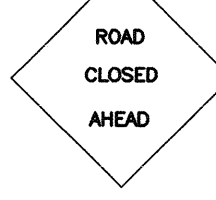
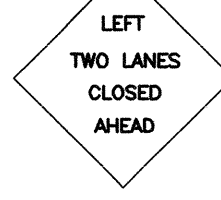
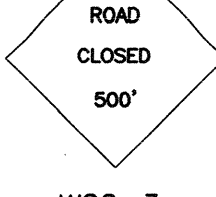
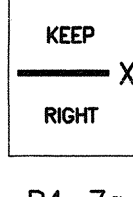
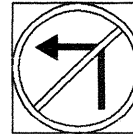
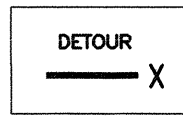
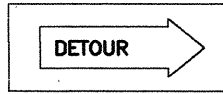
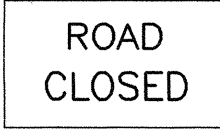
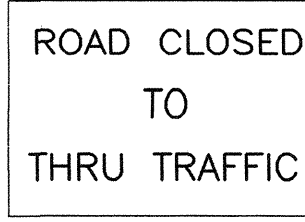
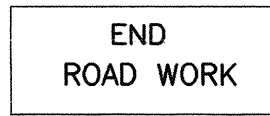
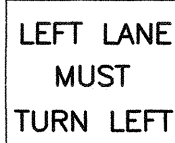

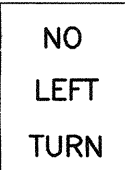



SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND	
	WORK AREA
	TRAFFIC SIGN & QUANTITY (SEE THIS SHEET FOR DESIGNATION)
•	BARRICADE – TYPE I, TYPE II, OR BARREL
⋮	BARRICADE – TYPE III
x	VERTICAL PANEL
⚠	WARNING SIGN
L	DISTANCE BETWEEN SIGNS—A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
	FLAGMAN POSITION
S	SPACING BETWEEN BARRICADES—A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
TAPER LENGTH – ON CHART AT LEFT	
TANGENT LENGTH – IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET	

### LEGEND

## NOTES

1. ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.
2. TRANSFORMATION FROM EXISTING SIGNALS TO SPAN WIRE IS TO OCCUR AT OFF PEAK HOURS.
3. THIS IS A STANDARD TRAFFIC CONTROL PLAN AND SOME TRAFFIC CONTROL SITUATIONS MAY BE SHOWN THAT ARE NOT REQUIRED ON THIS PARTICULAR PROJECT.

 <p>ROAD WORK AHEAD</p> <p>W20-1 48"x48" -A-</p>	 <p>RIGHT LANE CLOSED AHEAD</p> <p>W20-5R 48"x48" -B-</p>	 <p>W4-2R 36"x36" -C-</p>	 <p>LEFT LANE CLOSED AHEAD</p> <p>W20-5L 48"x48" -D-</p>	 <p>W4-2L 36"x36" -E-</p>	 <p>RIGHT TWO LANES CLOSED AHEAD</p> <p>W20-5 48"x48" -F-</p>	 <p>ONE LANE ROAD AHEAD</p> <p>W20-4 48"x48" -G-</p>	<div>ACCESS INFORMATION</div> <div>ACCESS TO</div> <div>SIGN 60"x60" -Y-</div>
 <p>ROAD CLOSED 500'</p> <p>W20-7a 36"x36" -H-</p>	 <p>W6-3 48"x48" -I-</p>	 <p>W1-4L 30"x30" -J-</p>	 <p>W1-4R 30"x30" -K-</p>	 <p>W20-5 48"x48" -L-</p>	 <p>W12-1 24"x24" -M-</p>	 <p>W20-3 48"x48" -N-</p>	 <p>LEFT TWO LANES CLOSED AHEAD</p> <p>W20-5 48"x48" -O-</p>
 <p>ROAD CLOSED 500'</p> <p>W20-3 48"x48" -P-</p>	 <p>KEEP RIGHT</p> <p>R4-7a 24"x30" -Q-</p>	 <p>R3-2L 24"x24" -R-</p>	 <p>DETOUR</p> <p>M4-9 30"x24" -S-</p>	 <p>DETOUR</p> <p>M4-10 30"x24" -T-</p>	 <p>ROAD CLOSED</p> <p>R11-2 48"x30" -U-</p>	 <p>ROAD CLOSED TO THRU TRAFFIC</p> <p>R11-4 60"x60" -V-</p>	 <p>END ROAD WORK</p> <p>G20-2 60"x24" -W-</p>
 <p>LEFT LANE MUST TURN LEFT</p> <p>R3-7L 30"x30" -X-</p>	 <p>BE PREPARED TO STOP</p> <p>48"x48" -Z-</p>	<p>RIGHT LANE MUST TURN RIGHT</p> <p>R3-7R 60"x24" -A-A-</p>	 <p>NO LEFT TURN</p> <p>R3-2 24"x30" -B-B-</p>	 <p>35 MPH</p> <p>W13-1</p>	 <p>REDUCED SPEED AHEAD</p> <p>R2-5a</p>	 <p>STOP</p> <p>R1-1</p>	<p>NOTE: ARROW DIRECTION TO BE ADJUSTED AS NEEDED.</p>



NOTE: ARROW DIRECTION  
TO BE ADJUSTED AS  
NEEDED.

DRAWING: 200534-P&P-PAVING	DATE: 02-09-06
----------------------------	----------------

D3-DIST TRAFFIC ENGINEER - NMDOT DATE



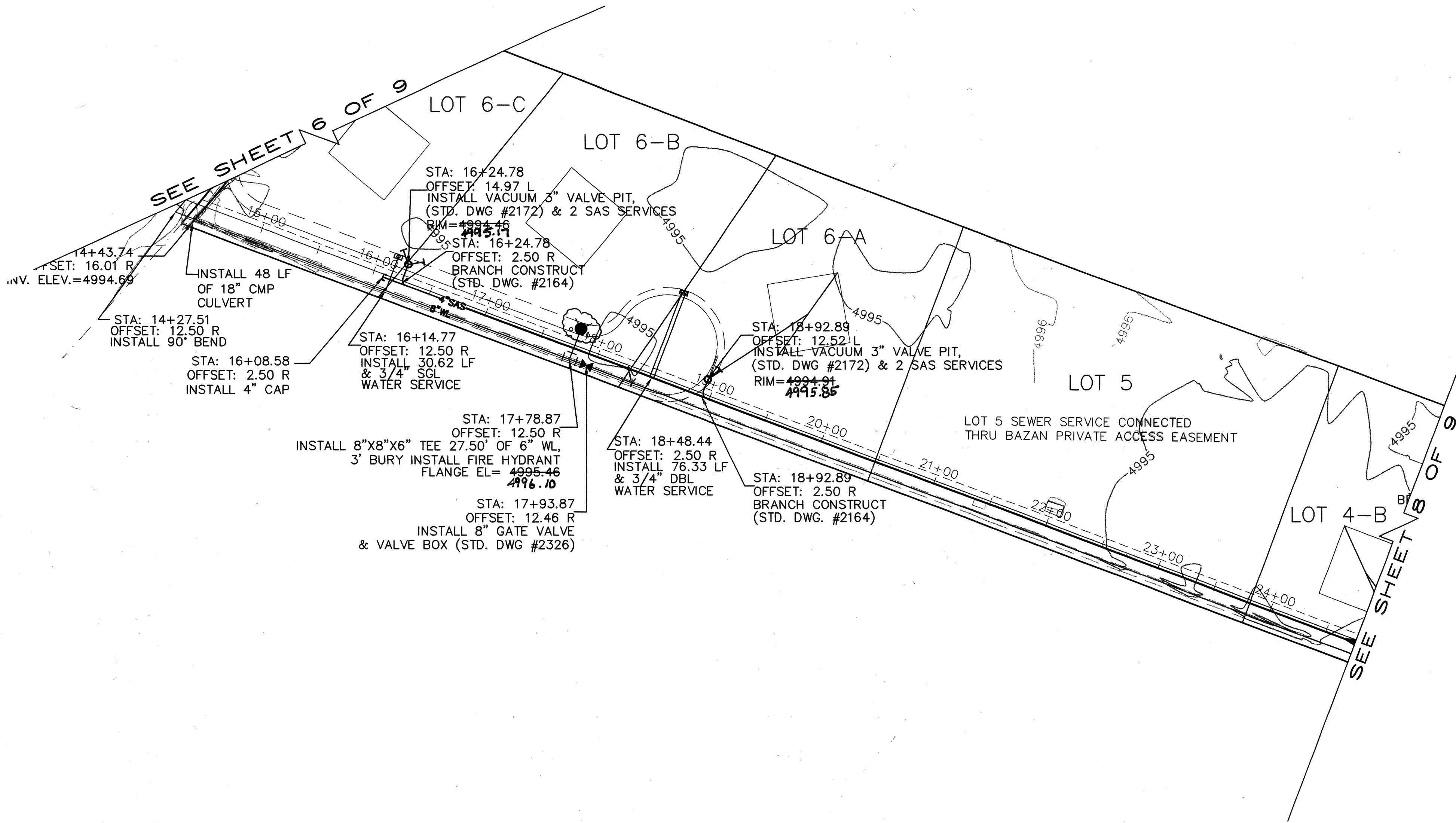
	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP
TITLE:	<b><i>ALBUQUERQUE MAIN CANAL/ALAMEDA ALBUQUERQUE MAIN CANAL/ALAMEDA UTILITY IMPROVEMENTS &amp; ALAMEDA TRAFFIC CONTROL PLAN</i></b>

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
				

CITY PROJECT NO.	773681	ZONE MAP NO.	B-15-Z	SHEET	6	OF	9
------------------	--------	--------------	--------	-------	---	----	---

## RECORD DRAWINGS





NOTE:  
1. STATIONING IS CENTERLINE OF PEJMAN WAY AND WHICH HAS  
A TIE FROM THE SOUTH EAST CORNER WHICH BEARS S 56° 40' 35"W  
A DISTANCE OF 364.80' TO STATION 38+50

PEJMAN WAY & EASEMENT  
STA: 14+34.50 TO 24+76.31

#### COA STANDARD DRAWING NUMBERS FOR WATER

- 1-WATER METER BOX INSTALLATION PER COA. STD. DWG 2361.
- 2-WATER METER SERVICE LINE INSTALLATION PER COA. STD. DWG 2362.
- 3-WATER METER BOX PER COA. STD. DWG 2366.
- 4-WATER HEAVYWEIGHT METER BOX COVER AND LIDS PER COA. STD. DWG 2369.
- 5-WATER VALVE BOXES PER COA. STD. DWG 2326 & 2328.
- 6-FIRE HYDRANT PER COA. STD. DWG 2340, FULLY RESTRAINED.

#### COA STANDARD DRAWING NUMBERS FOR VACUUM SEWER

- 1-STANDARD DETAILS PER COA. STD. DWG 2162.
- 2-TYPICAL BRANCH LINE CONNECTION PER COA STD. DWG 2164, ALTERNATIVE "B".
- 3-3" VALVE AND PIT INSTALLATION W/ INTERNAL BREATHER PER COA STD. DWG 2165. ALL VALVE AND PITS TO BE 54" DEEP
- 4-VACUUM DIVISION VALVE STEM NUT AND SOCKET DETAIL PER COA STD. DWG 2169.
- 5-VACUUM DIVISION VALVE - VALVE BOX PER COA STD. DWG 2170.
- 6-VACUUM VALVE PIT-TYPE "A" FOR USE IN UNPAVED AREAS PER COA STD. DWG 2172.
- 7-BLOCKING AND SEEPAGE COLLAR DETAILS PER COA STD. DWG 2173.

- NOTES:
1. ALL STATIONING IS CENTERLINE STATIONING.
  2. SEE THIS SHEET FOR RESTRAINING JOINTS REQUIREMENTS.
  3. THE SEWER SERVICE WILL BE EXTENDED TO THE WATER AND SEWER EASEMENT.

#### SAS SERVICE TABLE

LOT	STATION	LF	INV. @ EASEMENT	PAD ELEV.
6-A	19+02.91	12.99	4989.17	4998.00
6-B	16.24.77	13.00	4988.72	4998.00
6-C	16.24.77	12.98	4988.72	4998.00

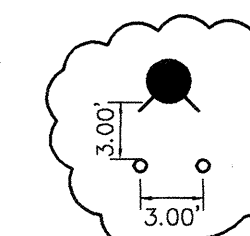
#### RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
8"x8"x6"	6	20

#### RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

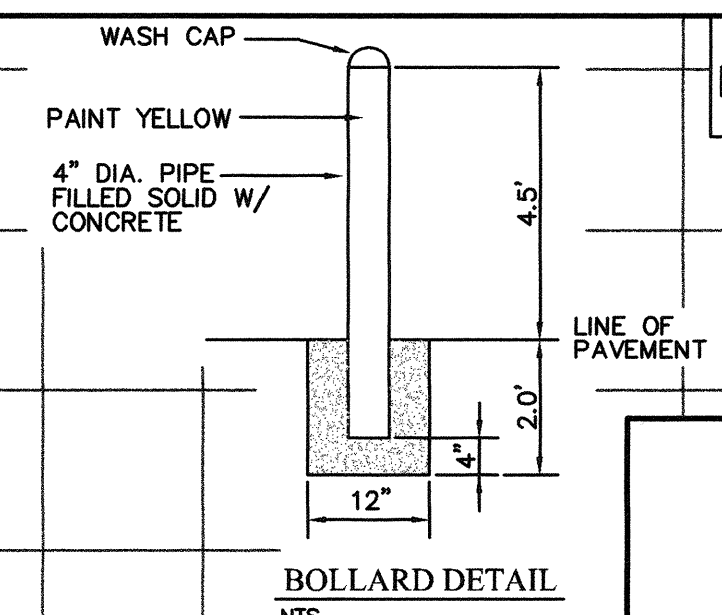
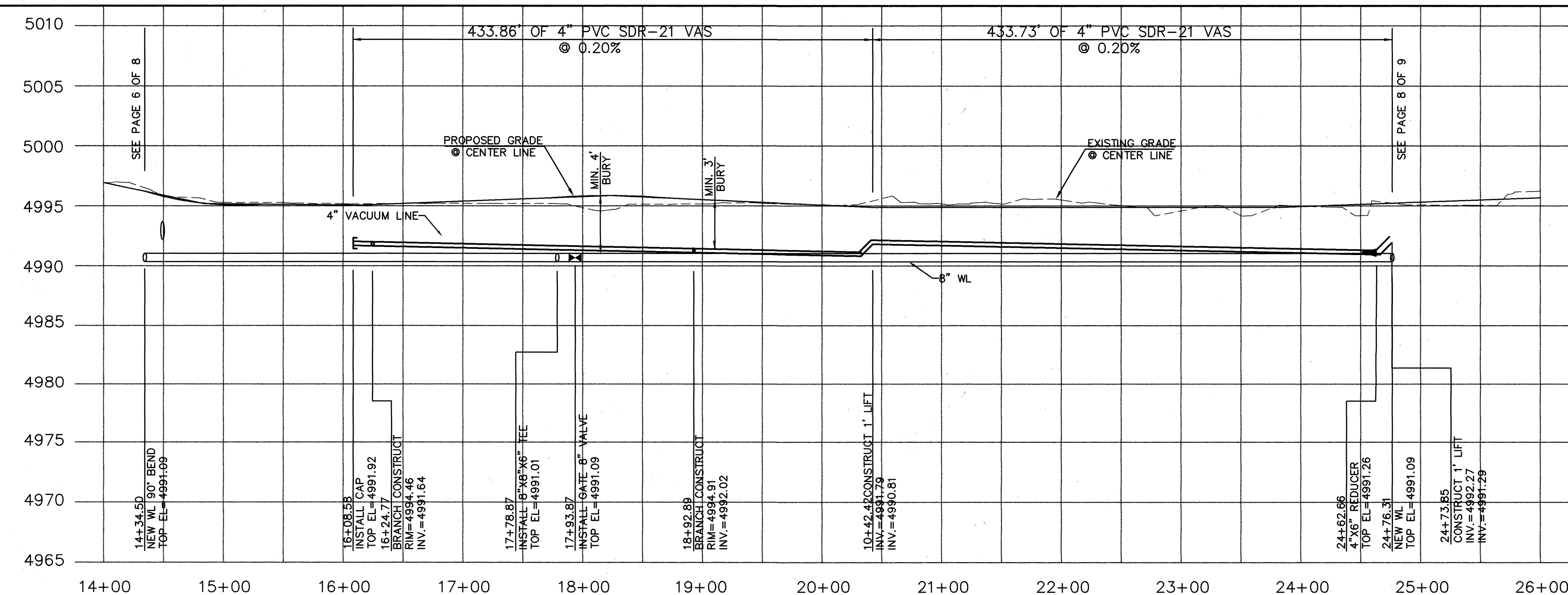
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE & DEAD ENDS
8"	17	7	3	2	46

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY OF TEE: 10.00 FEET.

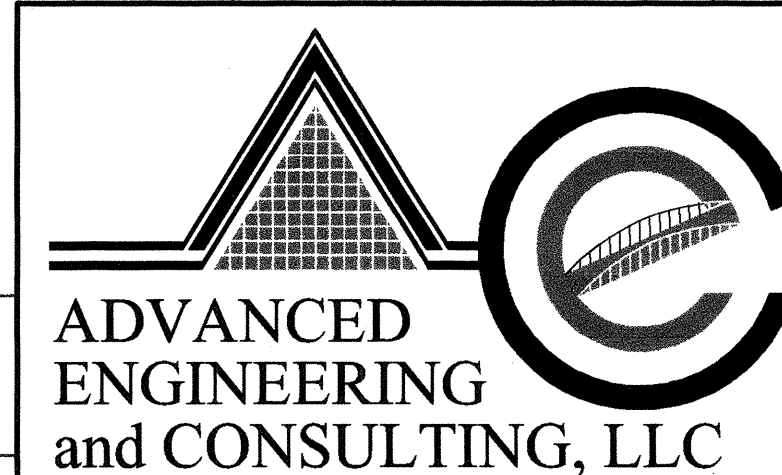


NOTE:  
MIN. DISTANCE BETWEEN FH.  
AND BOLLARD SHOULD BE 3.00' (TYP.).  
SEE THIS SHEET FOR BOLLARD DETAIL

SCALE: HORIZ. 1"=60'  
VERT. 1"= 6'



ELEVATIONS ARE NAVD 88



4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

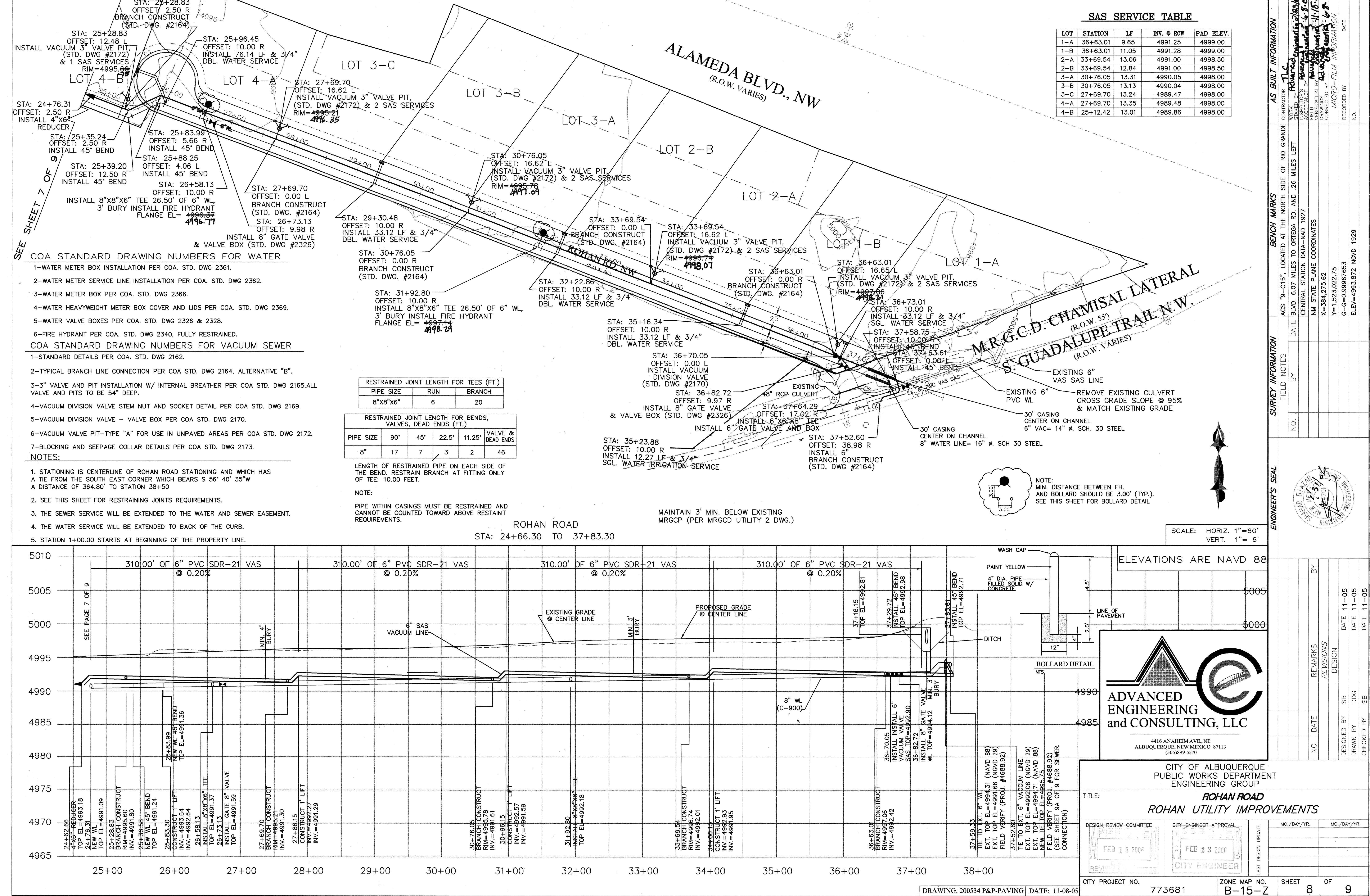
#### PEJMAN WAY PUBLIC UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FEB 15 2006	FEB 23 2006		
DESIGNED BY	REVISIONS	DATE	DATE
SB	DESIGN	11-05	11-05
DRAWN BY		DDG	
CHECKED BY		SB	

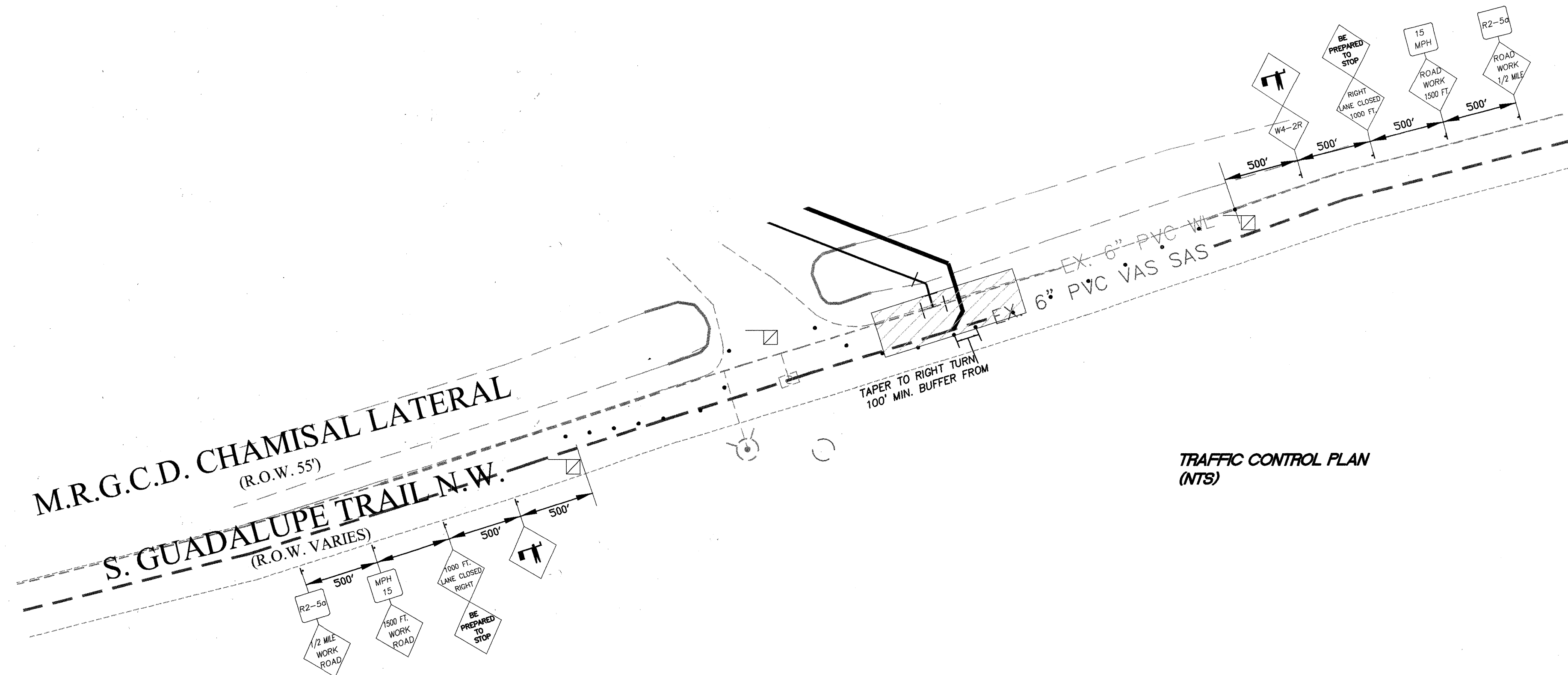
DRAWING: 200534-P&P-PAVING DATE: 02-09-06

CITY PROJECT NO. 773681 ZONE MAP NO. B-15-Z SHEET 7 OF 9









NOTE:  
1. ALL STATIONING IS CENTERLINE STATIONING.

Legend of traffic signs and symbols:

- ROAD WORK AHEAD (W20-1, 48"x48", -A-)
- RIGHT LANE CLOSED AHEAD (W20-5R, 48"x48", -B-)
- LEFT LANE CLOSED AHEAD (W20-5L, 48"x48", -D-)
- RIGHT TWO LANES CLOSED AHEAD (W20-5, 48"x48", -F-)
- ONE LANE ROAD AHEAD (W20-4, 48"x48", -G-)
- ACCESS TO ACCESS INFORMATION SIGN (60"x60", -Y-)
- LEFT TWO LANES CLOSED AHEAD (W20-5, 48"x48", -O-)
- ROAD CLOSED 500' (W20-3, 48"x48", -P-)
- KEEP RIGHT (R4-7a, 24"x30", -Q-)
- DETOUR (M4-9, 30"x24", -S-)
- ROAD CLOSED (R11-2, 48"x30", -U-)
- ROAD CLOSED TO THRU TRAFFIC (R11-4, 60"x60", -V-)
- END ROAD WORK (G20-2, 60"x24", -W-)
- LEFT LANE MUST TURN LEFT (R3-7L, 30"x30", -X-)
- BE PREPARED TO STOP (48"x48", -Z-)
- RIGHT LANE MUST TURN RIGHT (R3-7R, 60"x24", -A-A-)
- NO LEFT TURN (R3-2, 24"x30", -B-B-)
- 35 MPH (W13-1)
- REDUCED SPEED AHEAD (R2-5a)
- STOP (R1-1)

NOTE: ARROW DIRECTION TO BE ADJUSTED AS NEEDED.

**LEGEND**

- WORK AREA
- TRAFFIC SIGN & QUANTITY (SEE THIS SHEET FOR DESIGNATION)
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS-A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES-A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - ON CHART AT LEFT
- TANGENT LENGTH - IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

- NOTES**
- ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.
  - TRANSFORMATION FROM EXISTING SIGNALS TO SPAN WIRE IS TO OCCUR AT OFF PEAK HOURS.
  - THIS IS A STANDARD TRAFFIC CONTROL PLAN AND SOME TRAFFIC CONTROL SITUATIONS MAY BE SHOWN THAT ARE NOT REQUIRED ON THIS PARTICULAR PROJECT.

D3-DIST TRAFFIC ENGINEER - NMDOT DATE

**GRAPHIC SCALE**

60 30 0 60

SCALE: 1"=60'

ELEVATIONS ARE NAVD 88

**ADVANCED ENGINEERING and CONSULTING, LLC**

4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **SOUTH GUADALUPE TRAIL**  
**SOUTH GUADALUPE TRAFIC CONTROL PLAN**

DESIGN REVIEW COMMITTEE: FEB 15 2006  
CITY ENGINEER: FEB 23 2006

LAST DESIGN UPDATE

MO./DAY/YR. MO./DAY/YR.

DESIGNED BY: SB DATE: 11-05  
DRAWN BY: SHH DATE: 11-05  
CHECKED BY: SB DATE: 11-05

**AS BUILT INFORMATION**

CONTRACTOR: **11**  
WORK: **11**  
STAKED BY: **11**  
INSPECTED BY: **11**  
DATE: **11/15/06**

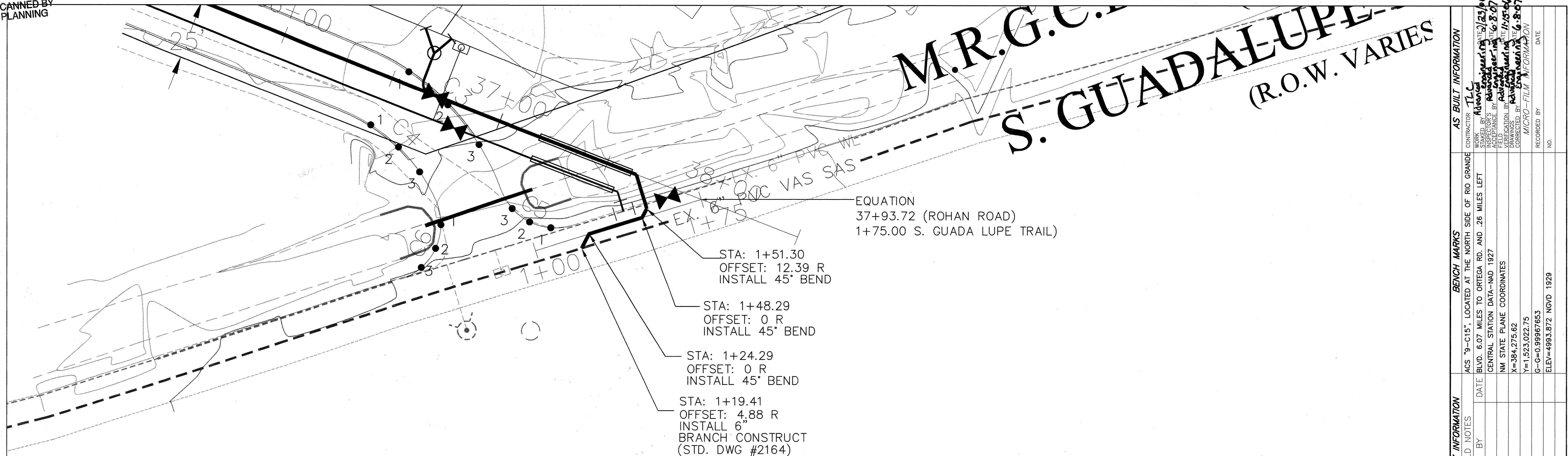
**BENCH MARKS**

ACS "7-C19", LOCATED AT THE WEST SIDE OF BARSTOW STREET 45.40' NORTH OF SIGNAL AVE.  
CENTRAL STATION DATA-NAD 1927  
NM STATE PLANE COORDINATES  
X=410,171.36  
Y=1,522,006.02  
G=0.999647055  
ELEV=5483.076 NAVD 1929

**ENGINEER'S SEAL**

REGISTERED PROFESSIONAL ENGINEER  
STATE OF NEW MEXICO  
13166

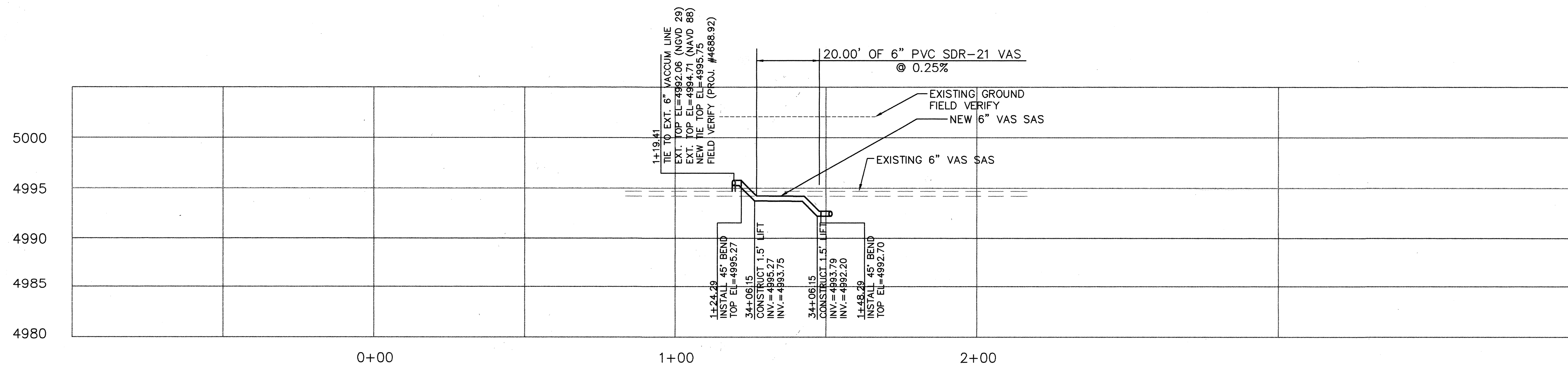




STA: 1+00.00 TO 1+75.00

SCALE: HORIZ. 1"=30'  
VERT. 1"= 6'

ELEVATIONS ARE NAVD 88



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: <b>SOUTH GUADALUPE TRAIL UTILITY IMPROVEMENTS</b>	
DESIGN REVIEW COMMITTEE APPROVE FEB 15 2006 REVISIT LATTER	CITY ENGINEER APPROVAL APPROVE FEB 23 2006 CITY ENGINEER
CITY PROJECT NO. 773681	ZONE MAP NO. B-15-Z
SHEET 9A OF 9	

DRAWING: 200534 P&P-UTILITY DATE: 02-10-06