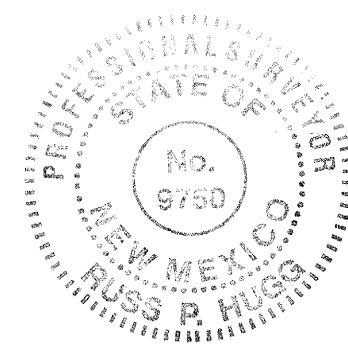


CONSTRUCTION PLANS
FOR
EMBUDITO CANYON
SUBDIVISION
ALBUQUERQUE, NEW MEXICO

SHEET NO.	SHEET
1	TITLE SHEET
2-3	PLAT
4	GRADING AND DRAINAGE PLAN
5	PAVING IMPROVEMENTS
6	UTILITY IMPROVEMENTS

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

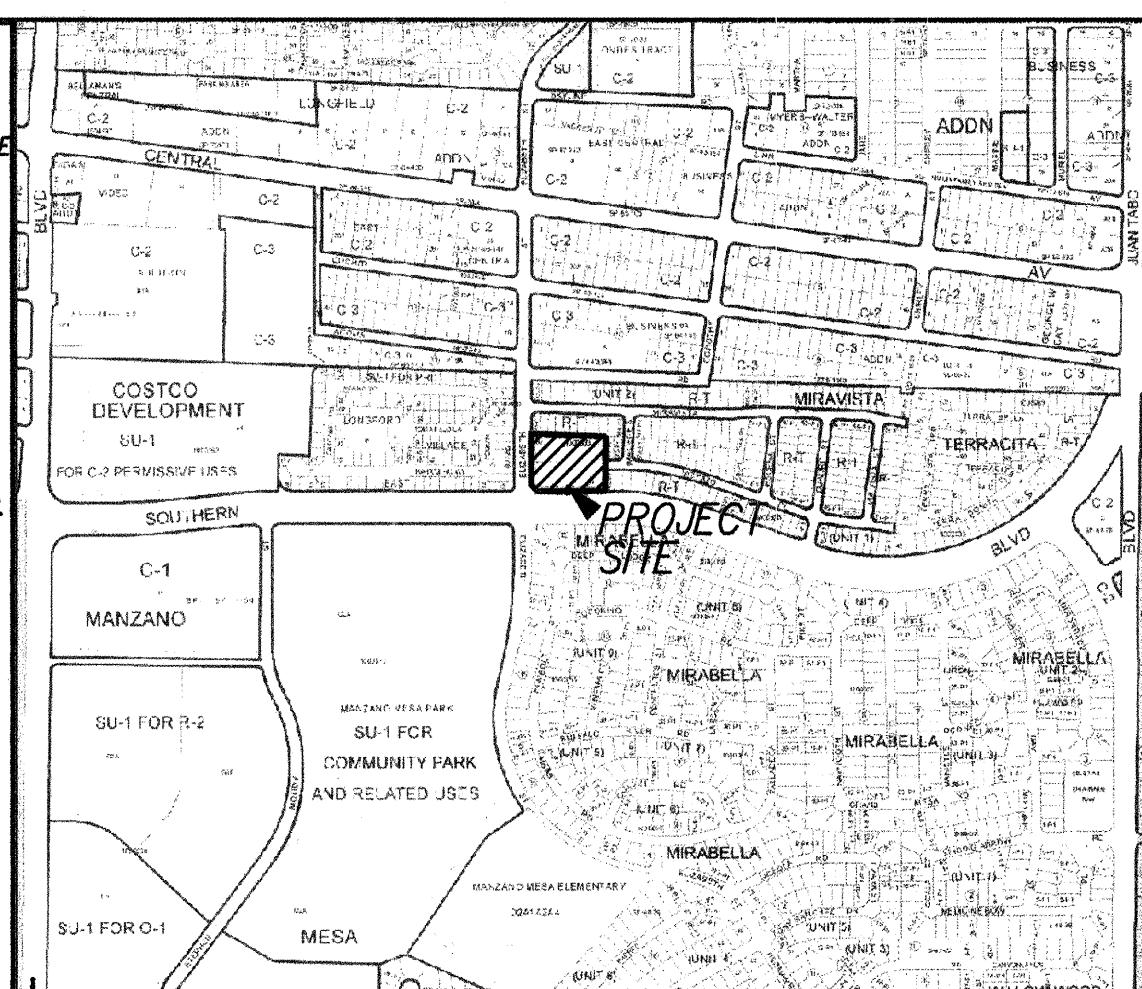
Russ P. Hugg
NMPS No. 9750
2.78, 2007



APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Anthony Lopez
DATE: 11/07/07

DRB NO. 1004793

13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH GSHA 29 CFR 1926.650 SUPPORT P.
14. ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE#7.
15. PRIVATE STREETS REQUIRE STREET NAME SIGN, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY).
16. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMIT TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
17. TACK COAT FOR SURFACE FOR COURSE REQUIREMENTS WILL BE DETERMINED BY THE ENGINEER.
18. PERMANENT PAVEMENT STRIPING AND MARKING WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKING ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
19. ALL WATER VALVE BOXES MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
20. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.



VICINITY MAP ZONE ATLAS # L-21-Z

SCALE: NONE

NOTICE TO CONTRACTORS

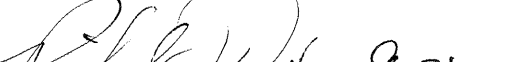
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, including Amendment #1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
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 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. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REPAVED PATTERNED PAVEMENT BY THE CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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 ALIGNMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO CLOSING VALVES TURNED ON OR OFF.
12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

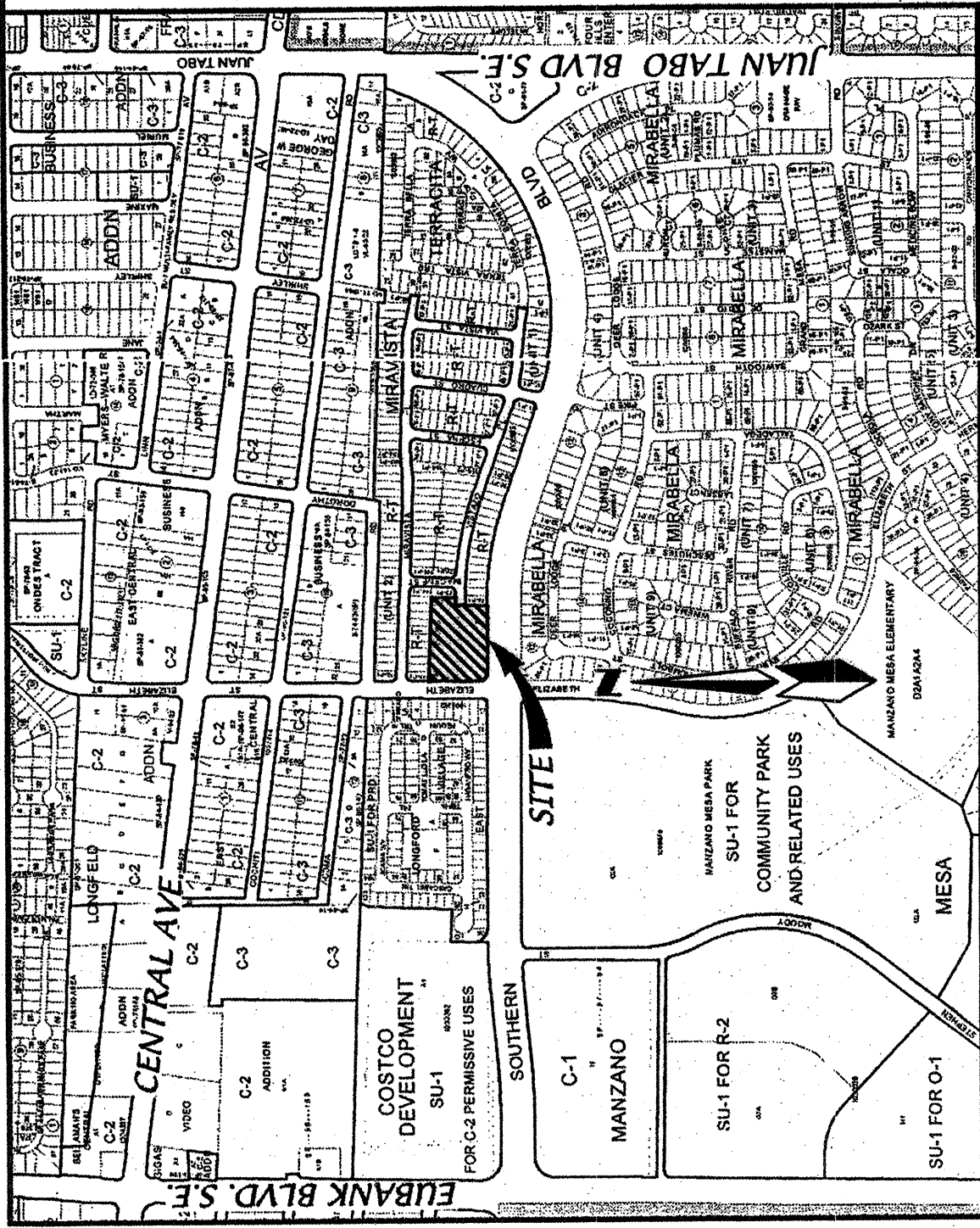
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A 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.

NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE			APPROVALS	ENGINEER	DATE	*****	
 <i>Alvin S. Medina</i>			DRC CHAIRMAN	<i>[Signature]</i>	<i>7/24/06</i>	APPROVED FOR CONSTRUCTION	
			TRANSPORTATION	<i>[Signature]</i>	<i>7/24/06</i>		
			WATER/WASTEWATER	<i>William G. Brink</i>	<i>7/12/06</i>		
			HYDROLOGY	<i>Bradley J. Bingham</i>	<i>7/22/06</i>		
			CIP				
			CONSTR. MNGMT.				
			CONSTR. COORD.			 CITY ENGINEER DATE	
CITY PROJECT NO.					SHEET OF		
786981					1 6		

A05JOBS\A5081\PLANS\A05081TITLE.DWG 07/03/06 CAR



VICINITY MAP 1"=750' ZONE ATLAS: L-21-Z

SUBDIVISION DATA

GROSS ACREAGE 2.2575 Acres
ZONE ATLAS NO. L-21-Z
NO. OF EXISTING TRACTS/LOTS CREATED 2 TRACTS/1 LOT
NO. OF LOTS/TRACTS/PARCELS CREATED 21 LOTS
MILES OF FULL WIDTH STREETS CREATED 2 TRACTS/1 LOT
AREA DEDICATED TO CITY OF ALBUQUERQUE 0.3893 Acres
DATE OF SURVEY October, 2005
ZONING R-17/SU-1 C-1 USES
UTILITY CONTROL LOCATION SYSTEM LOG NUMBER 2005413580

FREE CONSENT AND DEDICATION

The subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) hereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets, public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant to all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power, water, sewer and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title in fee simple to the land subdivided.

ELSO, LLC: Owners of Tracts B-1 and B-2
Karl Smith
Member

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO
This instrument was acknowledged before me on July 25, 2006
By Karl Smith, member, ELSO LLC, A New Mexico Limited Liability Corporation on behalf of said corporation

NOTARY PUBLIC
SUSAN RABENSON
My commission expires: 9-10-2008
MY COMMISSION EXPIRES

Owner: Lot 147-P1
Allen Croiland
An Individual
Signature: Allen R. Croiland
DATE: 7/25/06

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO
This instrument was acknowledged before me on JULY 25, 2006
By Allen Croiland an individual. Owner of Lot 147-P1.

NOTARY PUBLIC
SUSAN RABENSON
My commission expires: 9-10-2008
MY COMMISSION EXPIRES

THIS IS TO CERTIFY THAT I HAVE RECORDED THE FOLLOWING INSTRUMENT IN THE PUBLIC RECORDS OF THE COUNTY OF BERNALILLO, NEW MEXICO, ON 07/25/2006, BOOK 22, PAGE 1725. I, THE NOTARY PUBLIC, SUSAN RABENSON, DO HEREBY CERTIFY THAT THE INSTRUMENT WAS RECORDED IN THE PUBLIC RECORDS OF THE COUNTY OF BERNALILLO, NEW MEXICO, ON 07/25/2006, BOOK 22, PAGE 1725.

LEGAL DESCRIPTION

TRACTS B-1 AND B-2 OF SUBDIVISION PLAT MANZANO MESA AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON APRIL 3, 2001 IN PLAT BOOK 2001C, FOLIO 101. TOGETHER WITH LOT NUMBERED 174 (P-1) OF SUBDIVISION PLAT FOR MIRAVISTA, UNIT 2, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON FEBRUARY 21, 2002 IN BOOK 2002C, FOLIO 88, AND CONTAINING 2.2575 ACRES MORE OR LESS.

PURPOSE OF PLAT

1. SUBDIVIDE TWO (2) TRACTS AND ONE LOT INTO TWENTY ONE (21) LOTS,
2. GRANT NEW EASEMENTS AS SHOWN HEREON
3. VACATE EASEMENTS AS SHOWN HEREON
4. DEDICATE RIGHT-OF-WAY AS SHOWN HEREON

SURVEY NOTES

1. Basis of Bearings are New Mexico State Plane Grid NAD 27 (Central Zone).
2. All distances are ground distances; U.S. Survey foot.
3. Bearings and Distances in Parenthesis are record.
4. Basis of boundary are the following plat and documents of record entitled:
"PLAT FOR MANZANO MESA"
(04-03-2001, BK-2001C, FOLIO-101)
"PLAT FOR MIRAVISTA, UNIT 2"
(02-21-2002, BK-2002C, FOLIO-88)
Records of Bernalillo County, New Mexico.

5. Date of Survey: October, 2005



PLAT FOR
EMBUDITO CANYON SUBDIVISION
WITHIN SECTION 28
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
July, 2006

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 1984.

Project Number: 1004793

Application Number: 06 D68-01145

PLAT APPROVAL

Utility Approvals

PNM Electric Services
Date: 8-28-06
PNM Gas Services
Date: 8-28-06
Overseas Telecommunications
Date: 8-28-06
Comcast
Date: 8-28-06

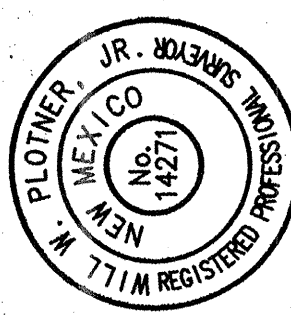
City Approvals

City Surveyor
Date: 8-15-06
Real Property Division
Date: 9/25/06
Traffic Engineering, Transportation Division
Date: 8-23-06
Water Utility Department
Date: 8/23/06
Manzanita Department
Date: 8/23/06
Parks and Recreation Department
Date: 8/23/06
AMAFCA
Date: 8/24/06
City Engineer
Date: 9/27/06
DRB Chairperson, Planning Department

SURVEYOR'S CERTIFICATION:

"I, Will Plotter Jr., 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 surveying as set forth in the Surveyors and Land Surveyors Act, Chapter 14, Article 14, of the Revised Ordinances of Albuquerque, New Mexico, and 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."

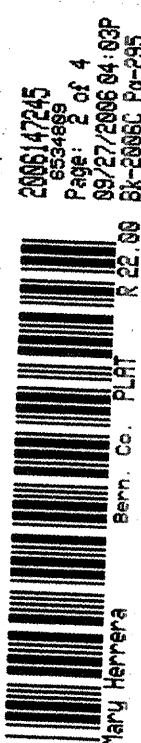
Will Plotter Jr. N.M.P.S. No. 14271



CARTESIAN SURVEYS INC.
P.O. BOX 44414, RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505) 891-0244

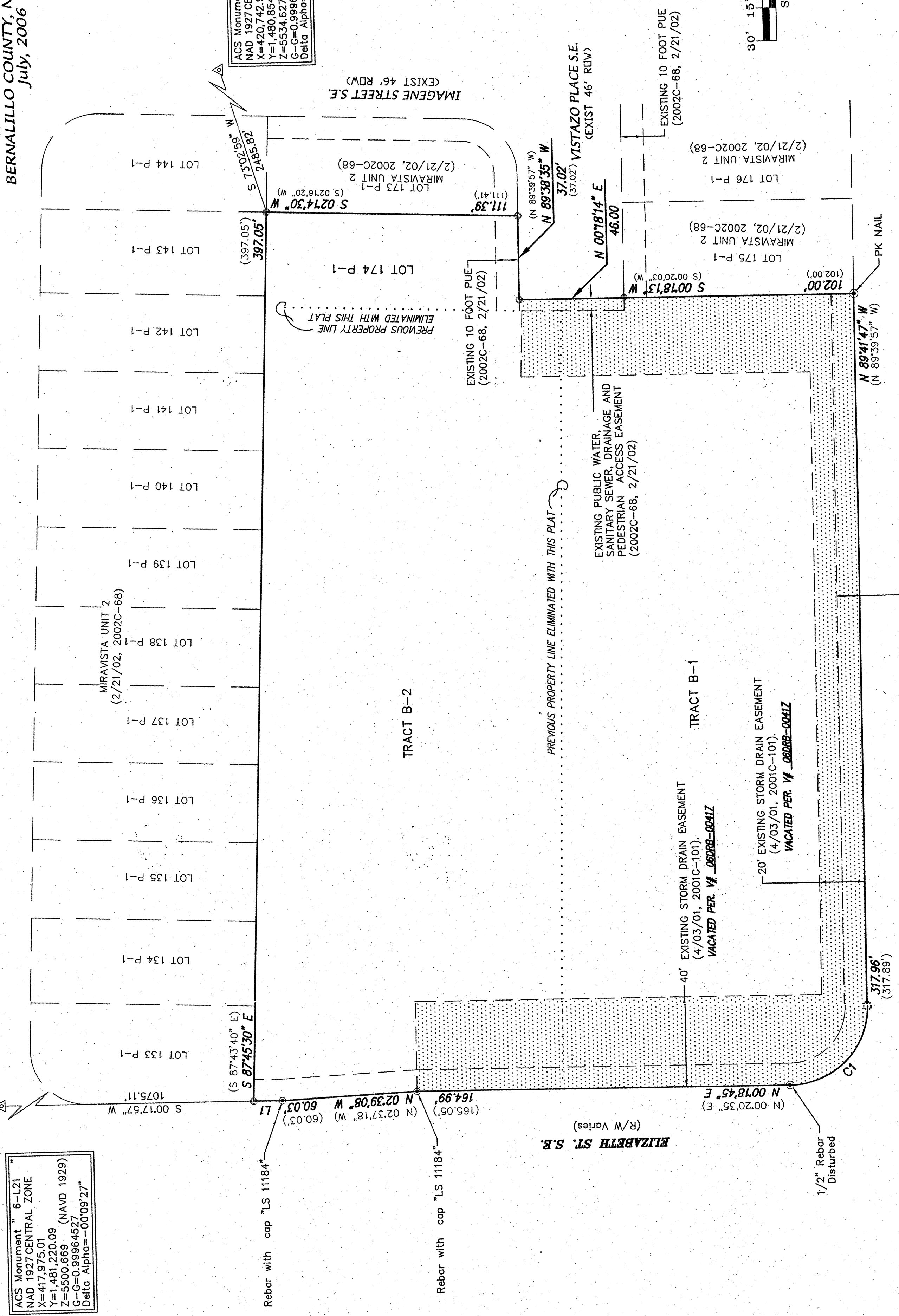
AS081 COVER.dwg Drawn: STEPHEN Checked: ALS Sheet 1 of 4
Scale: AS SHOWN Date: 7/11/2006 Job: A05081

PLAT FOR
EMBUDITO CANYON SUBDIVISION
WITHIN SECTION 28
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
July, 2006



ACS Monument " 6-L21
NAD 1927 CENTRAL ZONE
X=417,975.01
Y=1,481,220.09
Z=5500.669 (NAVD 1929)
G-G=0.999645270827
Delta Alpha=-00'09'27"

ACS Monument " 1-L21(R)
NAD 1927 CENTRAL ZONE
X=420,742.99
Y=1,480,854.31
Z=5534.627 (NAVD 1929)
G-G=0.99964255
Delta Alpha=-00'08'08"



EXISTING 10 FOOT PUBLIC UTILITY EASEMENT
(6/5/91, 91C-112).

SOUTHERLY AVE. S.E.
(156' R/W)

FOUND AS INDICATED
SET BATHEY MARKER "LS 14271"

LIMITS OF VACATION

Scale: AS SHOWN

Drawn: STEPHEN

Checked: ALS

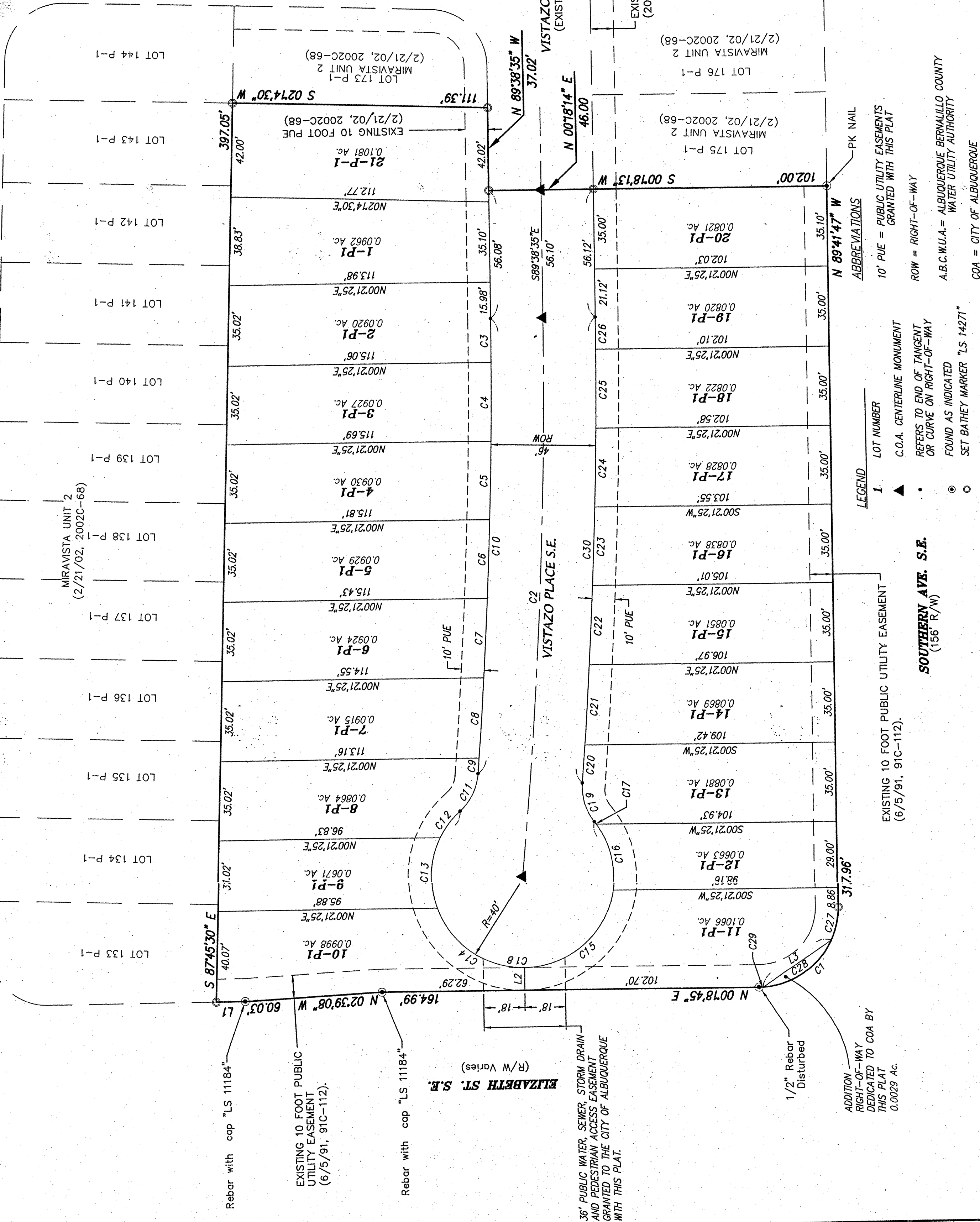
Job: A05081

Date: 7/11/2006

Sheet 2 of 2

CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505) 891-0244

PLAT FOR
EMBUDITO CANYON SUBDIVISION
WITHIN SECTION 28
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
July, 2006

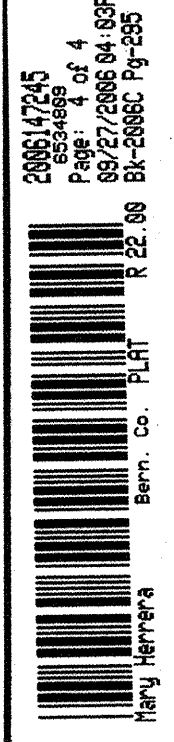


CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 898-3050 Fax (505)891-0244

SEE SHEET 4 OF 4 FOR CURVE AND LINE TABLE

Drawn: AS SHOWN	Checked: ALS	Sheet 3 of 4
Date: 8/24/2006	Job: A05081	

PLAT FOR
EMBUDITO CANYON SUBDIVISION
WITHIN SECTION 28
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMMP
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
July, 2006



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	54.98	35.00	90.0032°
C2	247.27	2461.00	5.4525°
C3	19.02	2438.00	0.2650°
C4	35.00	2438.00	0.4922°
C5	35.00	2438.00	0.4922°
C6	35.00	2438.00	0.4922°
C7	35.00	2438.00	0.4922°
C8	35.00	2438.00	0.4922°
C9	35.00	2438.00	0.4922°
C10	201.11	2438.00	4.3135°
C11	18.73	25.00	42.5502°
C12	14.78	40.00	21.0106°
C13	31.90	40.00	45.4141°
C14	48.45	40.00	70.4930°
C15	56.75	40.00	81.7735°
C16	30.52	40.00	43.4309°
C17	14.46	40.00	2.0537°
C18	184.86	40.00	26.4473°
C19	18.28	25.00	41.5348°
C20	16.71	2484.00	0.2307°
C21	35.08	2484.00	0.4833°
C22	35.05	2484.00	0.4831°
C23	35.03	2484.00	0.4829°
C24	35.01	2484.00	0.4827°
C25	35.00	2484.00	0.4827°
C26	13.88	2484.00	0.1913°
C27	14.98	35.00	24.3054°
C28	38.27	35.00	67.3835°
C29	1.74	35.00	251.03°
C30	205.77	2484.00	4.4447°

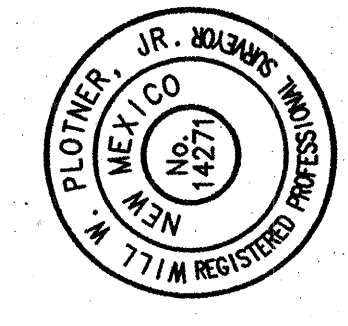
LINE TABLE		
LINE	BEARING	LENGTH
L1	N007°18'E	12.77
L2	N89°41'15"W	10.00
L3	N33°51'36"W	36.39

PUBLIC UTILITY EASEMENTS:

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

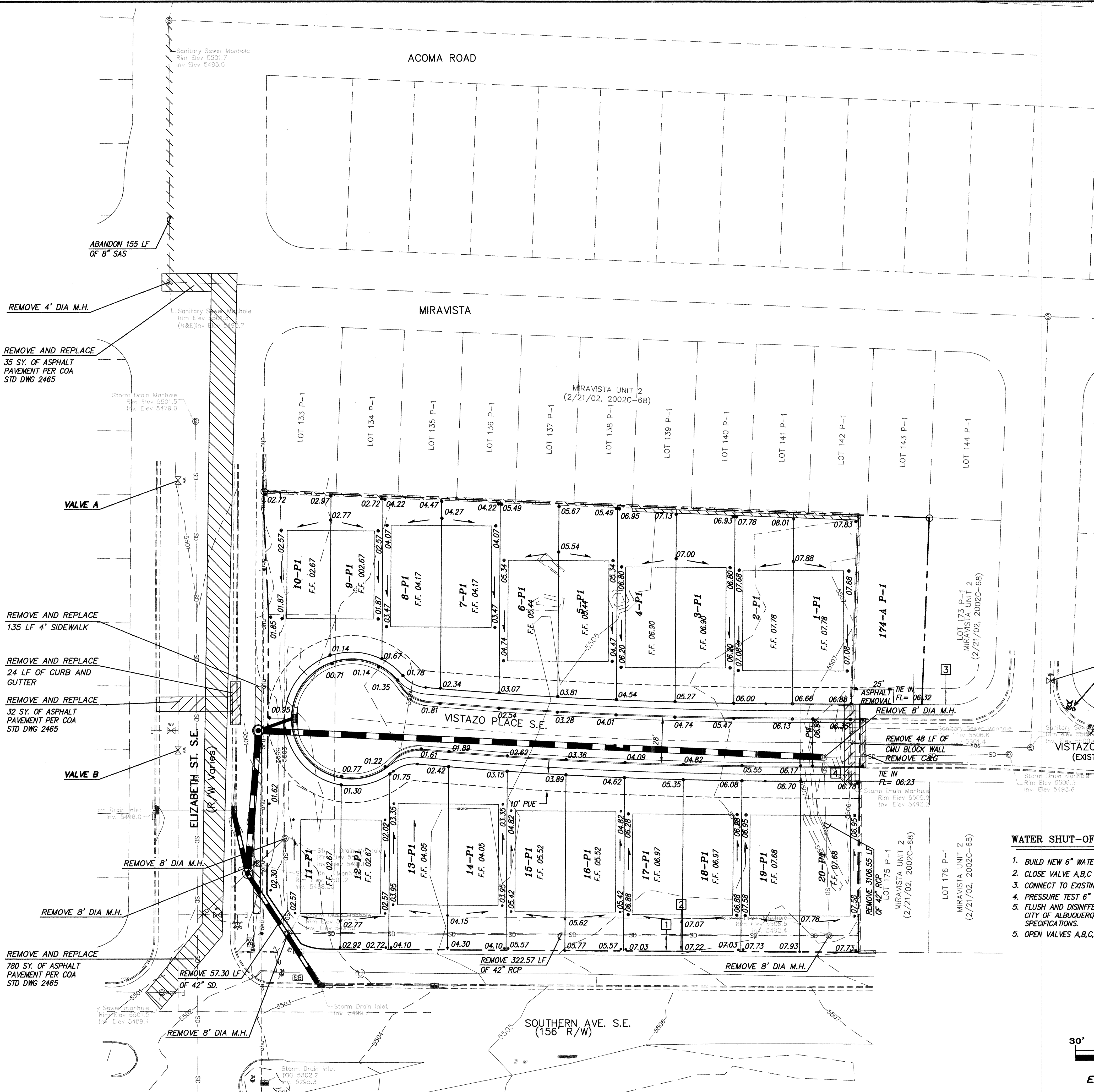
- The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
 - The PNM Gas Services Division for installation, maintenance and services of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
 - Quest for 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 for installation, maintenance 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 easement 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 purpose set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood foot decking, or other structure shall be erected 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 of 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.



CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 898-3050 Fax (505)891-0244

Drawn: STEPHEN	Checked: ALS	Sheet 4 of 4
Date: 7/17/2006	Job: A05081	



Legal

TRACTS B-1 AND B-2 OF MANZANO MESA AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON APRIL 3, 2001 IN PLAT BOOK 2001C, FOLIO 101.

AND

LOT NUMBERED 174 (P-1), AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON FEBRUARY 21, 2002 IN BOOK 2002C, FOLIO 68.

NOTES

- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL ABOVE AND BELOW GROUND UTILITIES ON SITE AND IS REQUIRED TO MAKE REPAIRS TO ANY UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION AT NO COST TO THE CITY OF ALBUQUERQUE.

Easement Notes

- EXISTING 10 FOOT PUBLIC UTILITY EASEMENT (6/5/91, 91C-112).
- EXISTING STORM DRAIN EASEMENT (4/03/01, 2001C-101).
- EXISTING 10 FOOT PUE (2002C-68, 2/21/02)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Alvin S. Medina, NMPE 16454, of the firm Mark Goodwin & Associates, P.A., 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 Gary Hugg, NMPS number 9750.

Alvin S. Medina NMPE 16454

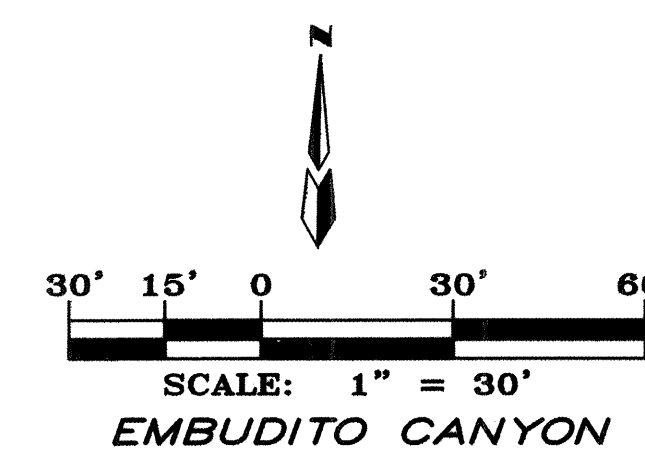
I, Alvin S. Medina, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 06/20/06.

LEGEND

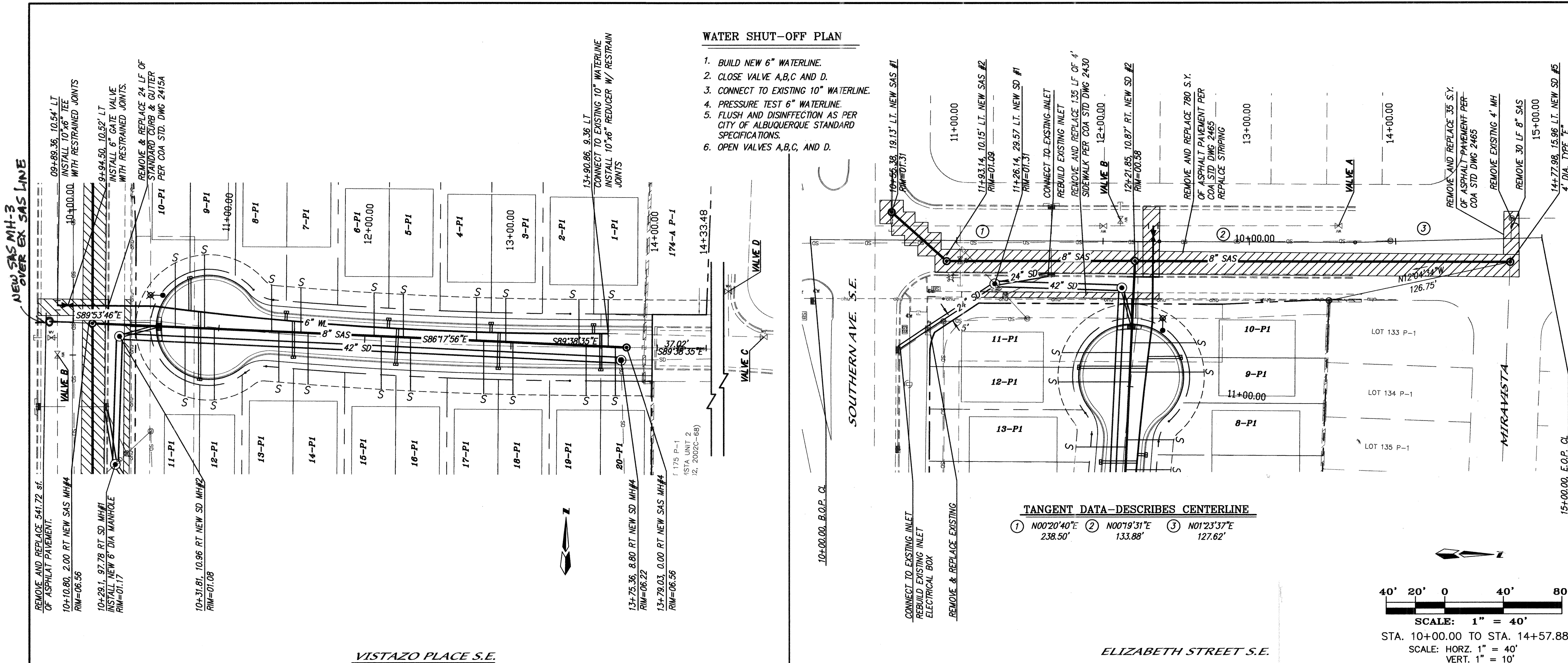
TC 5508.02 FL 5507.42	EXISTING SPOT ELEVATION
●	BOUNDARY CORNER
○	UTILITY PEDESTAL
□	WALL
■	STORM DRAIN INLET
—SD—	BURIED STORM DRAIN
—U—	UTILITY POLE
—ohu—	OVERHEAD UTILITY LINES
⊕	FIRE HYDRANT
⊕	WATER VALVE
⊕	ELECTRIC METER
⊕	SIGNAL BOX
⊕	TRAFFIC MAST
⊕	BOLLARD
—SS—	BURIED SANITARY SEWER
—SM—	SANITARY SEWER MANHOLE
—SD—	EXISTING STORM DRAIN
—SM—	EXISTING STORM DRAIN MANHOLE
—W—	EXISTING WATERLINE
•04.80	PROPOSED SPOT ELEVATION
—S 46°27'26" W 135.25'	PROPERTY LINE
—S 46°27'26" W 135.25'	PROPERTY I.D.

WATER SHUT-OFF PLAN

- BUILD NEW 6" WATERLINE.
- CLOSE VALVE A,B,C AND D.
- CONNECT TO EXISTING 10" WATERLINE.
- PRESSURE TEST 6" WATERLINE.
- FLUSH AND DISINFECTION AS PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
- OPEN VALVES A,B,C, AND D.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: EMBUDITO CANYON SUBDIVISION GRADING DRAINAGE PLAN	
DESIGN: [Signature]	REVIEW: [Signature]
CITY ENGINEER APPROVAL: [Signature]	DATE: 06/20/06
DESIGNED BY: ASM	DRAWN BY: DER
CHECKED BY: DMG	DATE: 06/20/06
CITY PROJECT NO. 786981	ZONE MAP NO. L-21-Z
SHEET 4 OF 6	



UTILITY NOTES

- ALL WATER METERS & LIDS SHALL BE HEAVYWEIGHT METER BOX & LID AS PER COA DWG 2369.
- ALL WATER LINES CONNECTIONS TO EXISTING WATERLINES SHALL BE NON-PRESSURIZED CONNECTIONS.
- ALL WATER METERS SHALL BE BUILT PER COA STD. DWG. 2361.
- ALL GATE VALVES PER COA STD DWG 2326 AND 2328.
- TYPE "E" MANHOLES PER COA STD DWG 2102.
- WATER SERVICES (3/4" & 1") PER COA STD DWG 2362 AND 2368.
- WATER SERVICES (1-1/2" & 2") PER COA STD DWG 2363 AND 2367.
- ALL SAS SERVICE INTO MAIN LINE PER COA STD DWG 2125.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	2-P1	13+66.50	99.77	41.53' LT
1	3-P1	13+46.50	100.24	40.90' LT
1	4-P1	12+96.50	99.55	39.74' LT
1	5-P1	12+76.50	99.48	39.56' LT
1	6-P1	12+26.47	99.13	39.83' LT
1	7-P1	12+06.44	98.79	40.23' LT
1	8-P1	11+56.34	98.00	41.95' LT
1	9-P1	11+36.27	97.84	43.14' LT
1	10-P1	10+90.16	97.83	62.20' LT
1	11-P1	10+70.04	97.89	55.97' LT
1	12-P1	10+76.74	97.88	49.08' RT
1	13-P1	10+96.86	97.80	49.46' RT
1	14-P1	11+41.14	97.98	33.12' RT
1	15-P1	11+61.21	98.04	33.10' RT
1	16-P1	12+11.30	98.88	33.06' RT
1	17-P1	12+31.33	99.20	33.04' RT
1	18-P1	12+81.35	99.50	33.01' RT
1	19-P1	13+01.36	99.57	33.01' RT
1	20-P1	13+51.36	100.32	33.00' RT
1	21-P1	13+71.36	100.44	33.00' LT

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

PIPE SIZE	TEE	REDUCER	22.5"	11.25"	VALVE
6"	-	-	4	3	46'
6"x10"	5	41	-	-	-

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

LEGEND

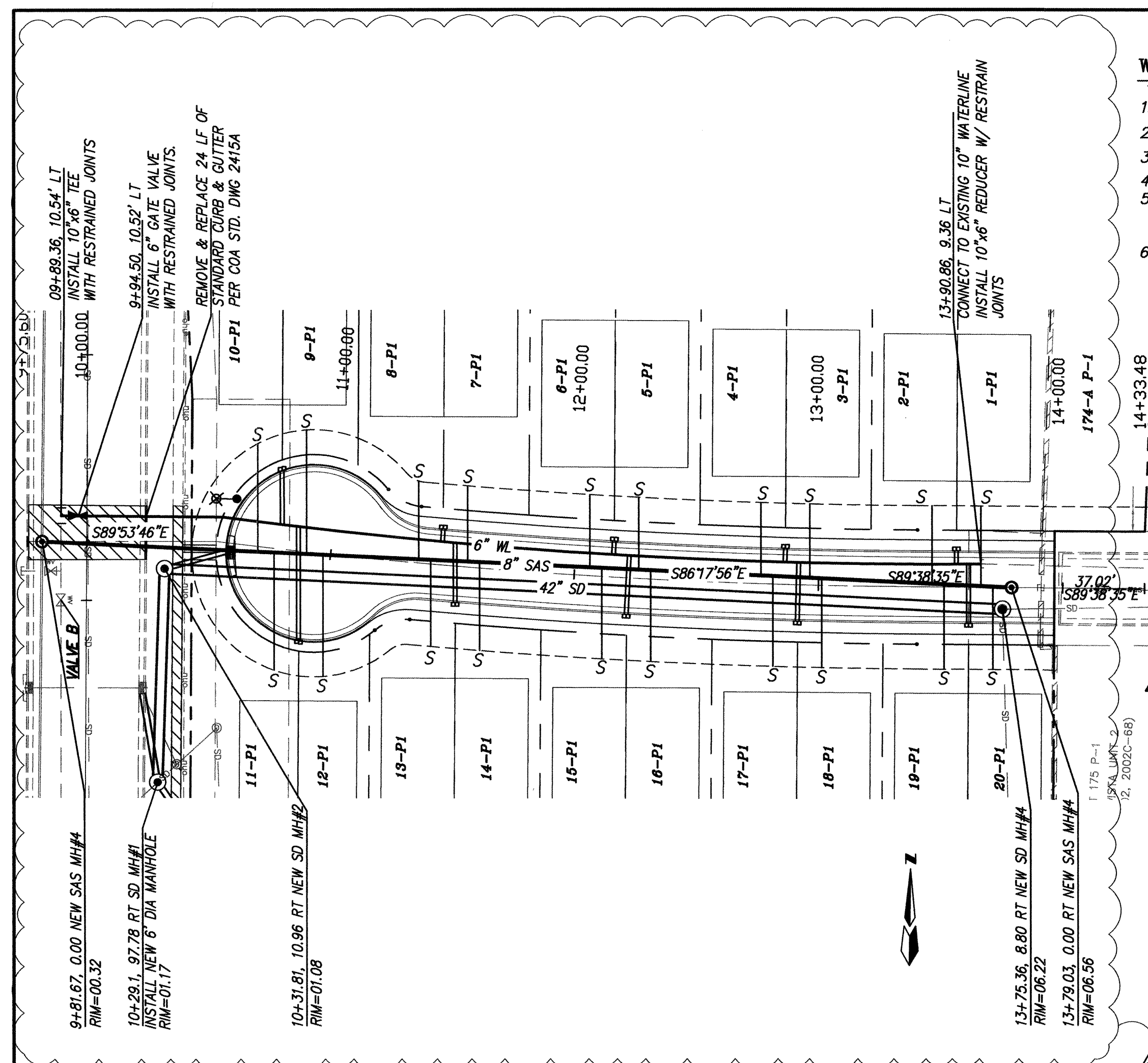
- EXISTING CHAIN LINK/WIRE FENCE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING POWER POLE
- NEW MOUNTABLE CURB & GUTTER
- NEW SIDEWALK
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- NEW STORM DRAIN
- NEW STORM DRAIN MH
- NEW WATERLINE
- NEW WATER METERS
- NEW TEE
- NEW VALVE
- NEW FIRE HYDRANT
- NEW SAS
- NEW SAS MH
- NEW SAS SERVICES
- NEW LOT ID
- STREET LIGHT

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

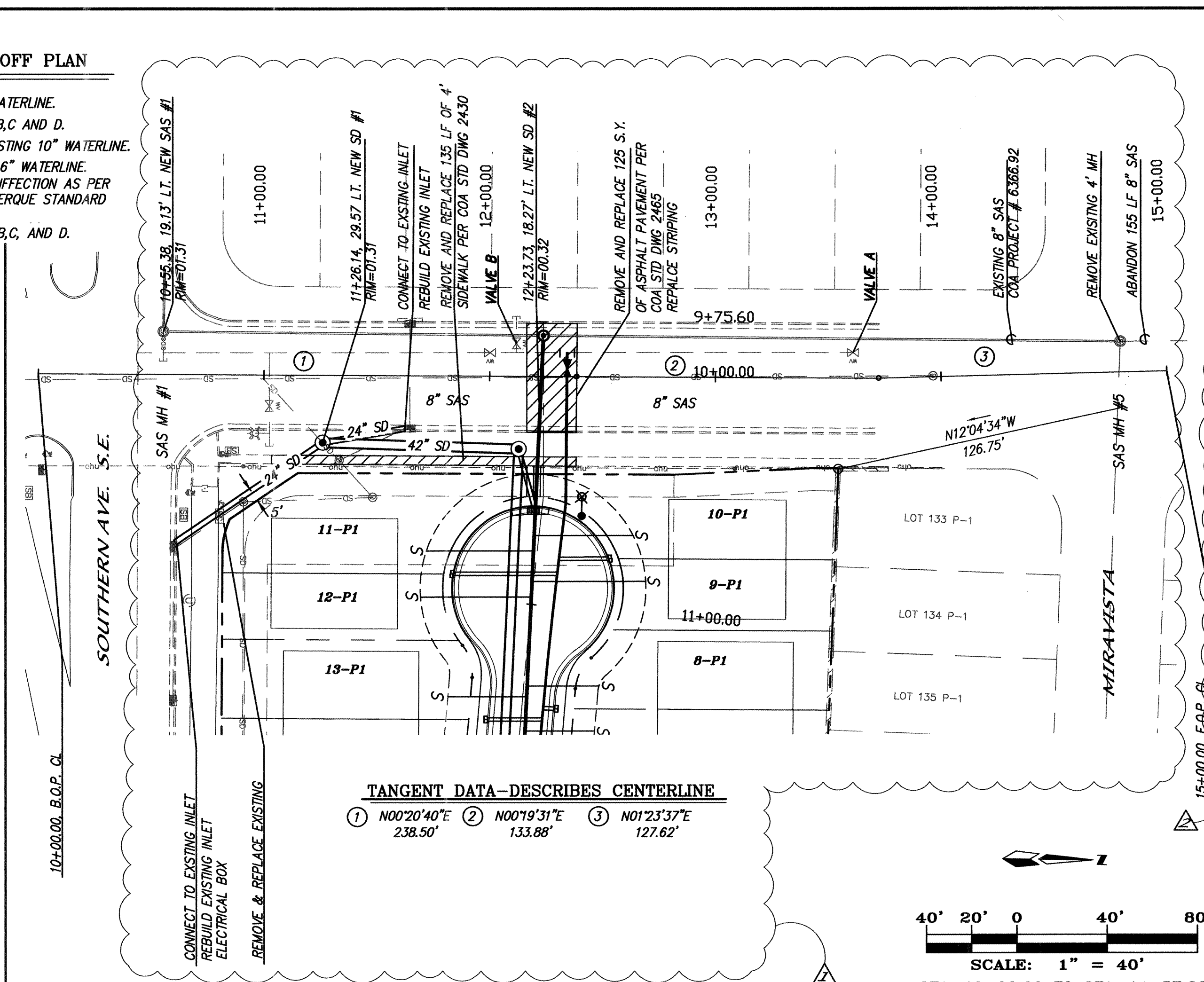
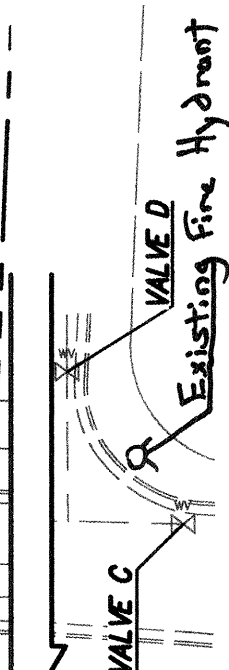
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TITLE: EMBUDITO CANYON SUBDIVISION
VISTAZO PLACE S.E.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE
APPROVE
AUG 24 2006
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
SEP 26 2006
CITY ENGINEER



- ## WATER SHUT-OFF PLAN
1. BUILD NEW 6" WATERLINE.
 2. CLOSE VALVE A,B,C AND D.
 3. CONNECT TO EXISTING 10" WATERLINE.
 4. PRESSURE TEST 6" WATERLINE.
 5. FLUSH AND DISINFECTION AS PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
 6. OPEN VALVES A,B,C, AND D.



UTILITY NOTES

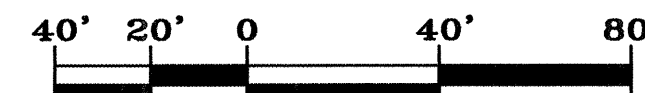
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6. WATER SERVICES (3/4" & 1") PER COA STD DWG 2362 AND 2368.
7. WATER SERVICES (1-1/2" & 2") PE3R COA STD DWG 2363 AND 2367.
8. ALL SAS-SERVICE INTO MAIN LINE PER COA STD DWG-2125.

SANTANA SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	1-P1	13+66.50	00.67	32.50'
1	2-P1	14+46.50	00.32	31.70'
1	3-P1	12+96.50	99.42	30.60'
1	4-P1	12+96.50	99.08	29.70'
1	5-P1	12+26.47	98.15	29.60'
1	6-P1	12+06.44	97.79	29.80'
1	7-P1	11+56.34	96.89	31.10'
1	8-P1	11+36.27	96.53	32.20'
1	9-P1	10+90.16	95.70	50.80'
1	10-P1	70+70.04	95.34	44.40'
1	11-P1	10+76.24	95.36	46.90'
1	12-P1	10+96.86	95.82	48.50'
1	13-P1	11+41.14	96.62	34.40'
1	14-P1	11+61.21	96.97	35.20'
1	15-P1	12+11.30	97.88	36.50'
1	16-P1	12+1.33	98.14	36.40'
1	17-P1	12+81.35	99.24	36.70'
1	18-P1	13+01.89	99.85	35.70'
1	19-P1	13+71.36	00.40	34.10'
1	20-P1	13+71.36	00.76	34.10'

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

PIPE SIZE	TEE	REDUCER	22.5°	11.25°	VALVE
6"	—	—	4	3	46'
6"x10"	5	41	—	—	—

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

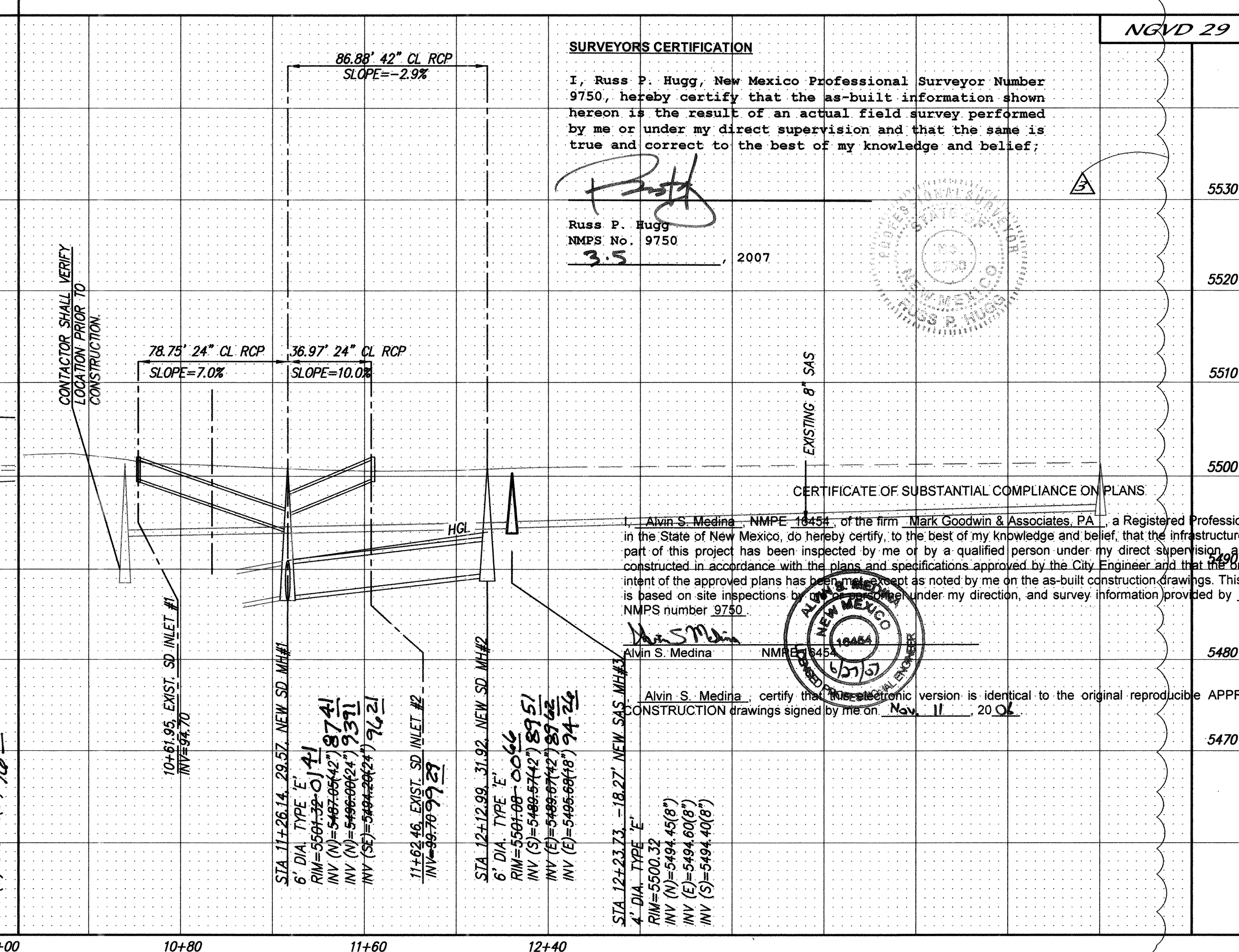
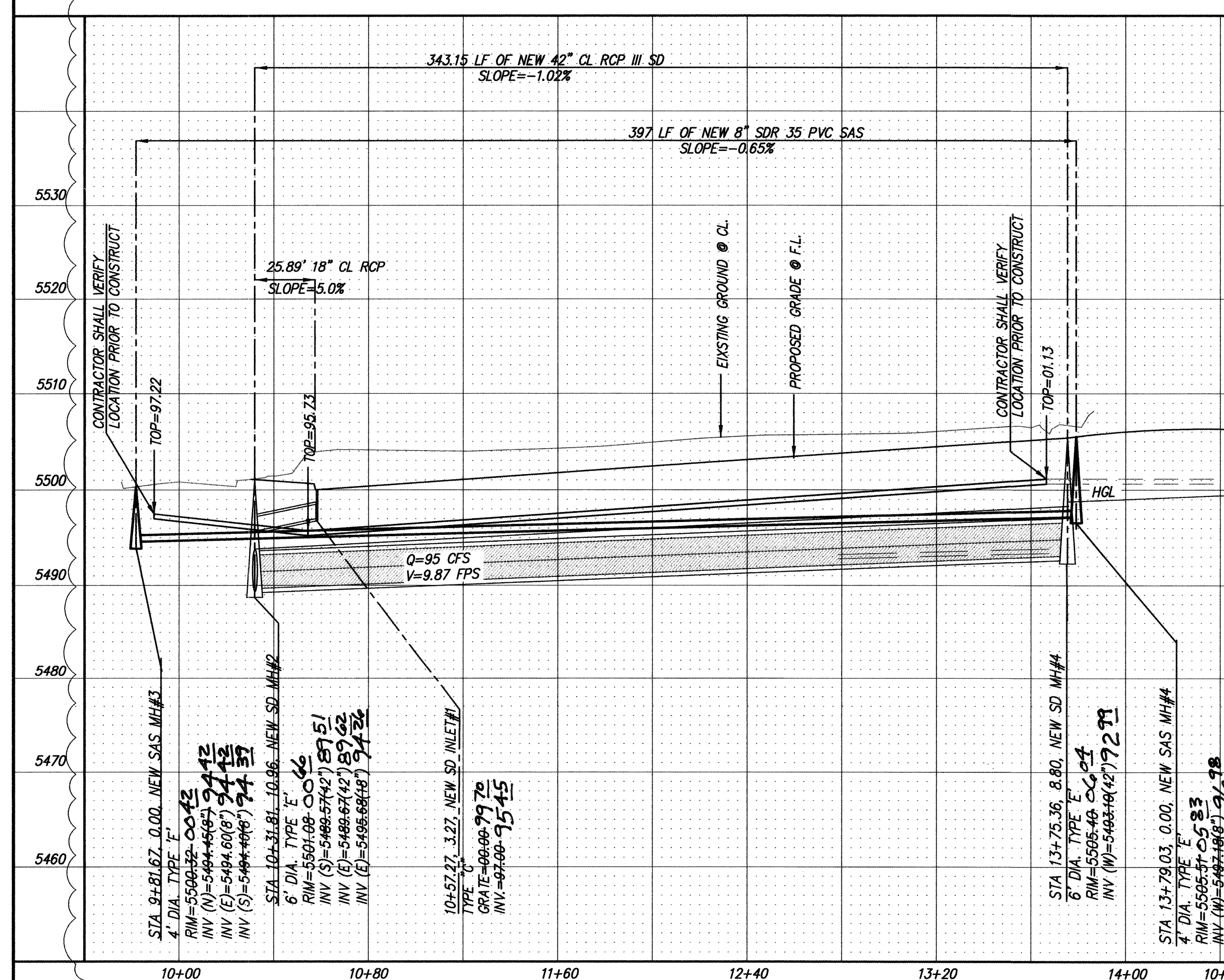


SCALE: 1" = 40'

STA. 10+00.00 TO STA. 14+57.88

SCALE: HORZ. 1" = 40'

VERT. 1" = 10'



SURVEYORS CERTIFICATION

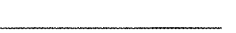
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ. P. Hugg
NMPS No. 9750
3.5

2007

NGVD 29

LEGEND

- | | |
|---|---------------------------------|
|  | EXISTING CHAIN LINK/WIRE FENCE |
|  | EXISTING OVERHEAD ELECTRIC LINE |
|  | EXISTING POWER POLE |
|  | NEW MOUNTABLE CURB & GUTTER |
|  | NEW SIDEWALK |
|  | NEW RIGHT-OF-WAY |
|  | NEW CENTERLINE |
|  | NEW LOT LINES |
|  | NEW EASEMENTS |
|  | NEW STORM DRAIN |
|  | NEW STORM DRAIN MH |
|  | NEW WATERLINE |
|  | NEW WATER METERS |
|  | NEW TEE |
|  | NEW VALVE |
|  | NEW FIRE HYDRANT |
|  | NEW SAS |
|  | NEW SAS MH |
|  | NEW SAS SERVICES |
|  | NEW LOT ID |
|  | STREET LIGHT |

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Alvin S. Medina, NMPE 18454, of the firm Mark Goodwin & Associates, P.A., 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 faithfully carried out as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or a qualified person under my direction, and survey information provided by Galy Huggins, NMPS number 9730.

Alvin S. Medina, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on Nov. 11, 2006.

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

FOR



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *EMBUDITO CANYON SUBDIVISION
VISTAZO PLACE S.E.
UTILITY IMPROVEMENTS*

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
-------------------------	------------------------

CITY PROJECT NO.

ZONE MAP NO

SHEET OF
