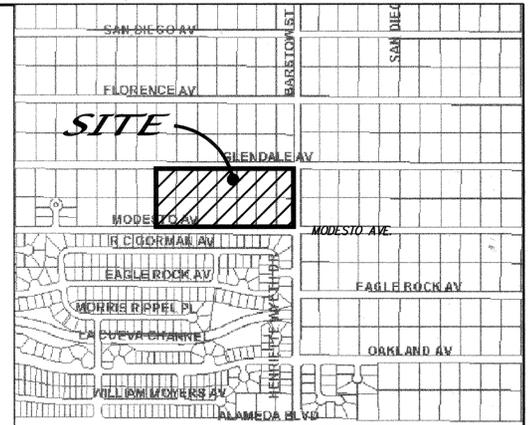


CONSTRUCTION PLANS FOR *QUIVERA ESTATES* ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS: B-19
SCALE: NONE

GENERAL NOTES

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.
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 REFLECTORIZED PAVEMENT MARKING BY 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 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 TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. 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 CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING 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.
13. 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 ENGINEER.
- SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEEPRESSED 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.

CAUTION:
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.

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	*****		
		DIR. CHAIRMAN	<i>[Signature]</i>	4-9-04	APPROVED FOR CONSTRUCTION		
		TRANSPORTATION	<i>[Signature]</i>	4/6/04			
		WATER/WASTEWATER	<i>[Signature]</i>	4/10/04			
		HYDROLOGY	<i>[Signature]</i>	4/1/04			
		AMAFCA	<i>[Signature]</i>	4-2-04			
		CONSTR. MNGMT.	<i>[Signature]</i>	4-2-04	CITY ENGINEER DATE		
		CONSTR. COORD.	<i>[Signature]</i>	4-9-04			
CITY PROJECT NO.		729781		SHEET OF		1 20	

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-3	PLAT
4	GRADING & DRAINAGE PLAN
5	MASTER PAVING PLAN
6-12	PAVING IMPROVEMENTS
13	MASTER UTILITY PLAN
14-19	UTILITY IMPROVEMENTS
20	POND DETAIL

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
[Signature] BRYAN WOLFE P.E.
DATE: 2/1/2006

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 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 to me by the contractor, NMPS number 7719.

[Signature]
Gregory J. Krenik

 NMPE 11929

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, or intent of the record drawings.

[Signature]
Timothy Aldrich, P.L.S. No. 7718
Date: 01-19-05



DRB NO. 1002800

NOTES:

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- Bearings and distances in parenthesis are record.
- Basis of boundary is from the plat of record entitled:
PLAT FOR "NORTH ALBUQUERQUE ACRES, TRACT 1, UNIT 3",
all being records of Bernalillo County, New Mexico.
- Field Survey, performed July, 2003.
- Unless otherwise noted all corners are set #5 rebar with cap stamped ALS LS 7719.
- Title Reports, provided by LandAmerica Albuquerque Title, File No.: 226805CR (Effective Date: 05-19-03) provided by First American Title, File No.: NM03-198976-ALD2, LSA (Effective Date: 05-29-03)
- 100 Year Flood Zone Designation: ZONE AO, Panel 133 of 825, Flood Insurance Rate Map, City of Albuquerque, Bernalillo County, New Mexico, dated April 2, 2002.
- Tract A is a Private Street owned and maintained by and for the Homeowners Association of Quiviera Estates. Tract A is also encumbered by a Public Water, Sanitary Sewer and Drainage Easement granted to the City of Albuquerque by this plat.
- All open space requirements are met on the lot with the dwelling per the provisions of Section 14-16-3 (A)(1).

11. A portion of this subdivision is located within a 100-year flood plain as shown on the national flood insurance program "Flood Insurance Rate Map". A Letter of Map Revision (LOMR) will be requested from the Federal Emergency Management Agency (FEMA) to remove the existing flood plain. Until the LOMR is issued by FEMA, property owners may be required to purchase flood insurance.

DESCRIPTION

A tract of land situate, within the Elena Gallegos Grant, projected Section 7, Township 11 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of LOTS 10 THRU 23, BLOCK 12, TRACT 1, UNIT 3, NORTH ALBUQUERQUE ACRES, together with portions of Barstow Street, N.E., Glendale Avenue N.E. and Modesto Avenue N.E., as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 10, 1931 in Volume D, Folio 121 and being more particularly described as follows:

BEGINNING at the southeast corner of the herein described tract, said point being the inter-section of the centerline of Modesto Avenue N.E. and Barstow Street N.E. from whence the Albuquerque Control Survey Monument "1-B20" bears N 45° 15' 43" E, 42.34 feet;

THENCE leaving said centerline of Barstow Street N.E. along said centerline of Modesto Avenue N.E. N 89° 36' 55" W, 1154.35 feet to the southwest corner;

THENCE leaving said centerline of Modesto Avenue N.E. S 27° 47' feet along a line common with the east line of LOTS 24 AND 9, BLOCK 12, TRACT 1, UNIT 3, NORTH ALBUQUERQUE ACRES as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 10, 1931 in Volume D, Folio 121 to the north-west corner, said point being on the centerline of Glendale Avenue N.E.;

THENCE along said centerline S 89° 36' 37" E, 1154.35 feet to the northeast corner of the herein described tract, said point being the inter-section of the centerline of Glendale Avenue N.E. and Barstow Street N.E.;

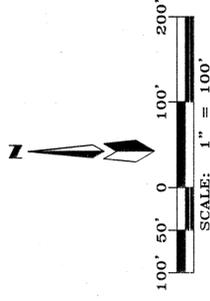
THENCE along said centerline S 00° 08' 22" W, 527.37 feet to the point of beginning and containing 13.9766 acres more or less.

SCANNED BY

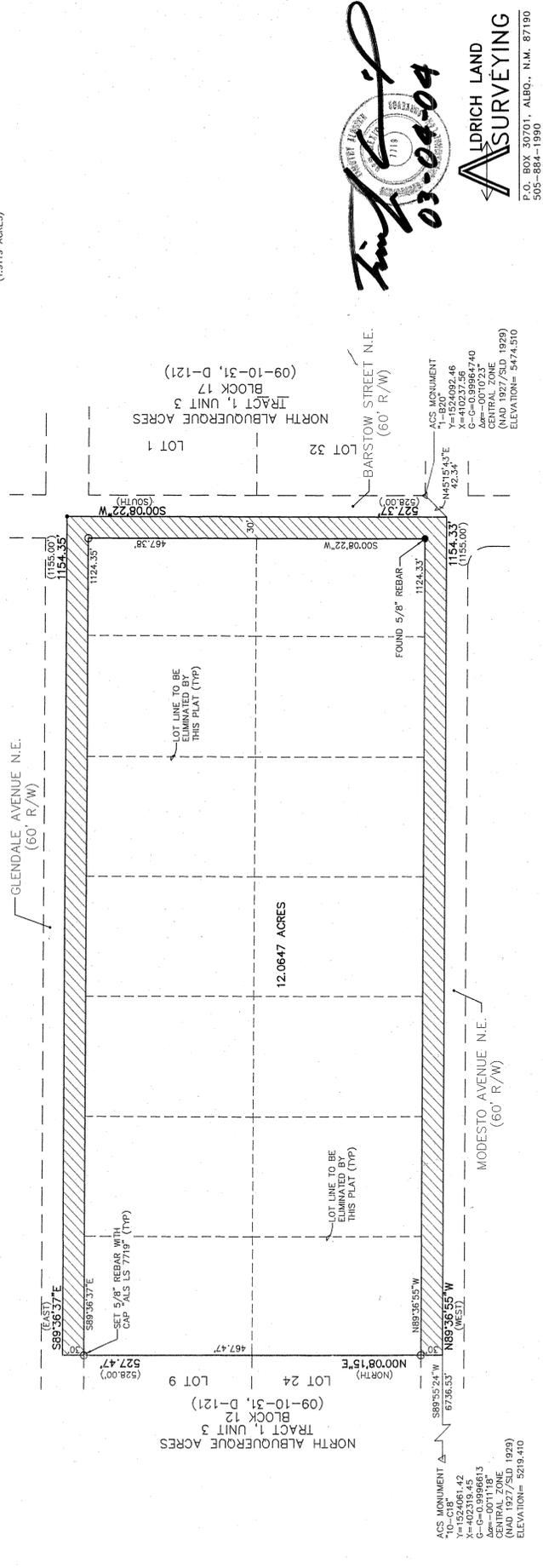
MESA REPRO

PLAT FOR

QUIVERA ESTATES SUBDIVISION
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 7
TOWNSHIP 11 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JANUARY, 2004



(HATCHED AREA)
ADDITIONAL STREET RIGHT-OF-WAY
DEDICATED TO THE CITY OF ALBUQUERQUE
BY THIS PLAT WITHOUT WARRANTY COVENANTS.
(0.9179 ACRES)



Dwg: A3062FPS2.dwg Drawn: RICHARD Checked: ALS Sheet: 2 of 3
Scale: 1"=100' Date: 03/04/04 Job: A03062

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

03-04-04
ALS



LOCATION MAP

SCALE: NONE

SUBDIVISION DATA

Gross Acreage..... 13.9766 AC
Zone Atlas No. B-19-Z
No. of Existing Tract/Lots..... 14 Lots
No. of Tract/Lots created..... 1 Tract/42 Lots
No. of Tract/Lots eliminated..... 14 Lots
Miles of half-width streets created..... 0.53
Miles of full-width streets created..... 0.00
Street Area dedicated to the City of Albuquerque..... 2.0254 AC
Date of Survey..... JULY, 2003
Utility Control Location System Log Number..... 2003433318
Zoning..... RD 3 DUAC

FREE CONSENT AND DEDICATION:

The subdivision herein described is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate a portion of Barstow Street as shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby dedicate portions of Glendale Avenue, Barstow Street, and Modesto Avenue to the City of Albuquerque in fee simple without warranty covenants and do hereby grant 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, 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 to the land subdivided.

OWNER: ALPHA-EQUITIES, LLC
BY: Rhett Waterman, Managing Member

OWNER'S ACKNOWLEDGMENT
BETH GONZALES
COUNTY OF BERNALILLO SS
By Commission Expires: 10-08-07

This instrument was acknowledged before me on January 29, 2004 by Rhett Waterman, Managing Member of ALPHA-EQUITIES, LLC, on behalf of said Limited Liability Company.

NOTARY PUBLIC
MY COMMISSION EXPIRES 10-08-07

SHEET 2 OF 20

LEGAL DESCRIPTION

(SEE SHEET 2)

NOTES

PURPOSE OF PLAT

- Subdivide 14 Existing Lots into 42 Residential Lots and 1 Tract.
- Grant easements as shown hereon.
- Dedicate Right-of-way as shown hereon.

PUBLIC UTILITY EASEMENT

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 service.
- The PNM Gas Services Division for installation, maintenance and service of natural gas lines, valves and any other equipment and facilities reasonably necessary to provide natural gas.
- Qwest for installation, maintenance and service of such lines, cable 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 facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purposes described above, together with the 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 purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool 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.

PLAT FOR

QUIVERA ESTATES SUBDIVISION
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 7
TOWNSHIP 11 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JANUARY, 2004

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, 1994.

Project Number: 1002800

Application Number:

PLAT APPROVAL

Utility Approvals:

PNM Electric Services	2-12-04	Date
PNM Gas Services	2-12-04	Date
Qwest	2-14-04	Date
Comcast	2-12-04	Date
City Approvals:	2-12-04	Date

Traffic Engineering, Transportation Division	Date
Utilities Development	Date
Parks and Recreation Department	Date
AMAFCA	Date
City Engineer	Date
DRB Chairperson, Planning Department	Date

SURVEYOR'S CERTIFICATION

I, Timothy Aldrich, 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 land shown hereon, and that the same conform to 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.

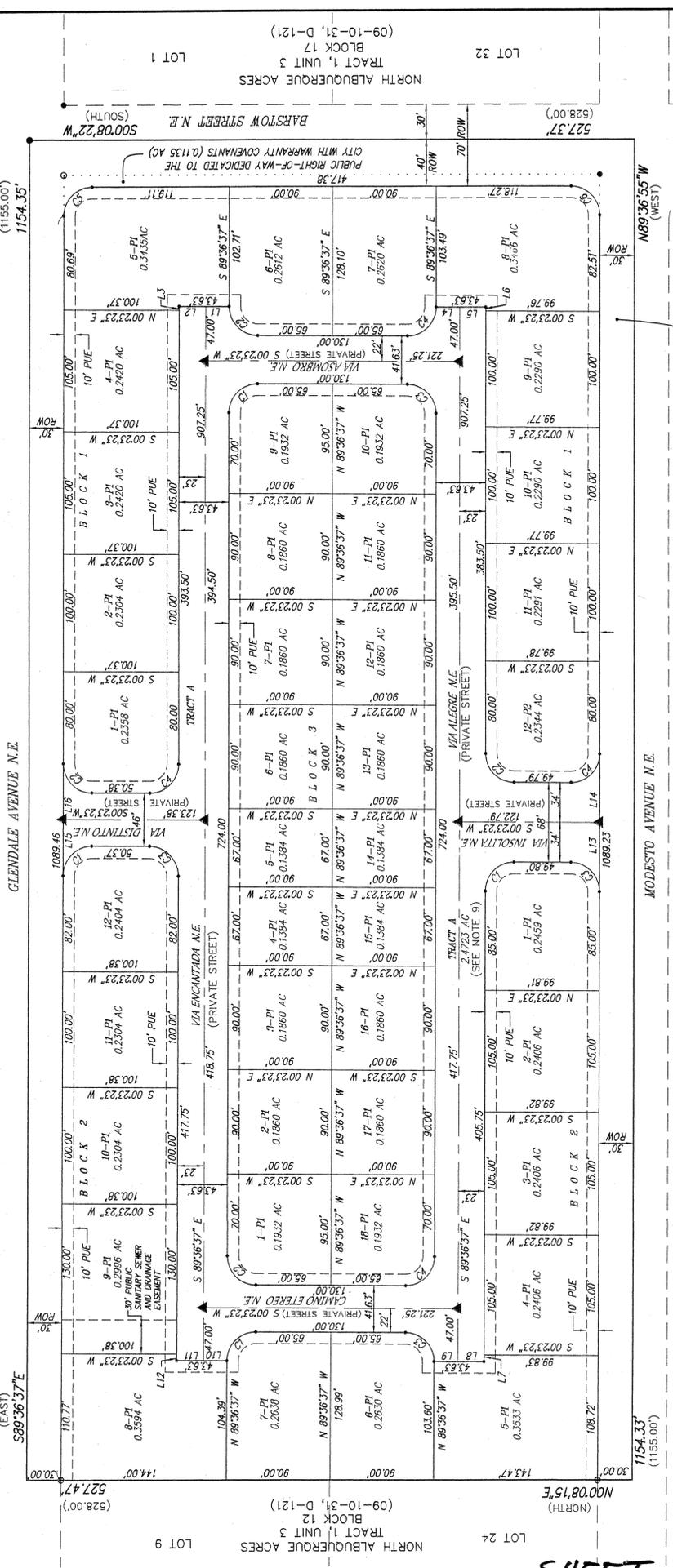
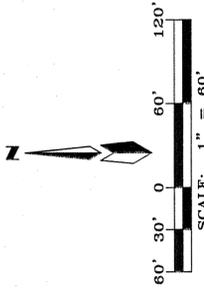
Timothy Aldrich P.L.S. No. 7719
02-12-04
ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

Dwg: A3062FPS1.dwg Drawn: RICHARD Checked: ALS Sheet: 1 of 3
Scale: N/A Date: 01/29/04 Job: A03062

PLAT FOR
QUIVERA ESTATES SUBDIVISION
WITHIN THE
ELENA GALLEGOS GRANT
PROJECTED SECTION 7
TOWNSHIP 11 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JANUARY, 2004

LINE ID	LENGTH	BEARING
L1	20.63	N00°23'23"E
L2	23.00	N00°23'23"E
L3	3.50	S89°36'37"W
L4	20.63	S00°00'00"W
L5	23.00	S00°44'21"W
L6	3.50	S89°36'37"E
L7	3.50	N89°36'37"W
L8	23.00	N00°23'23"E
L9	20.63	N00°23'23"E
L10	20.63	N00°23'23"E
L11	23.00	N00°00'00"E
L12	5.91	S89°37'14"E
L13	59.00	S89°36'55"E
L14	60.00	S89°36'55"E
L15	48.00	S89°36'37"E
L16	48.00	S89°36'37"E

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH-BEARING	CH-DIST
C1	39.27	25.00	90°00'00"	25.00	M44°36'37"W	35.36
C2	39.27	25.00	90°00'00"	25.00	M45°23'23"E	35.36
C3	39.27	25.00	90°00'00"	25.00	M45°23'23"E	35.36
C4	39.27	25.00	90°00'00"	25.00	M44°36'37"E	35.36
C5	39.16	25.00	89°44'59"	24.89	M44°44'08"W	35.28
C6	39.38	25.00	90°14'43"	25.11	M45°15'43"E	35.43



ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

Drawn: RICHARD
Checked: ALS
Date: 02/13/04
Job: A03062
Scale: 1"=60'
Sheet 3 of 3

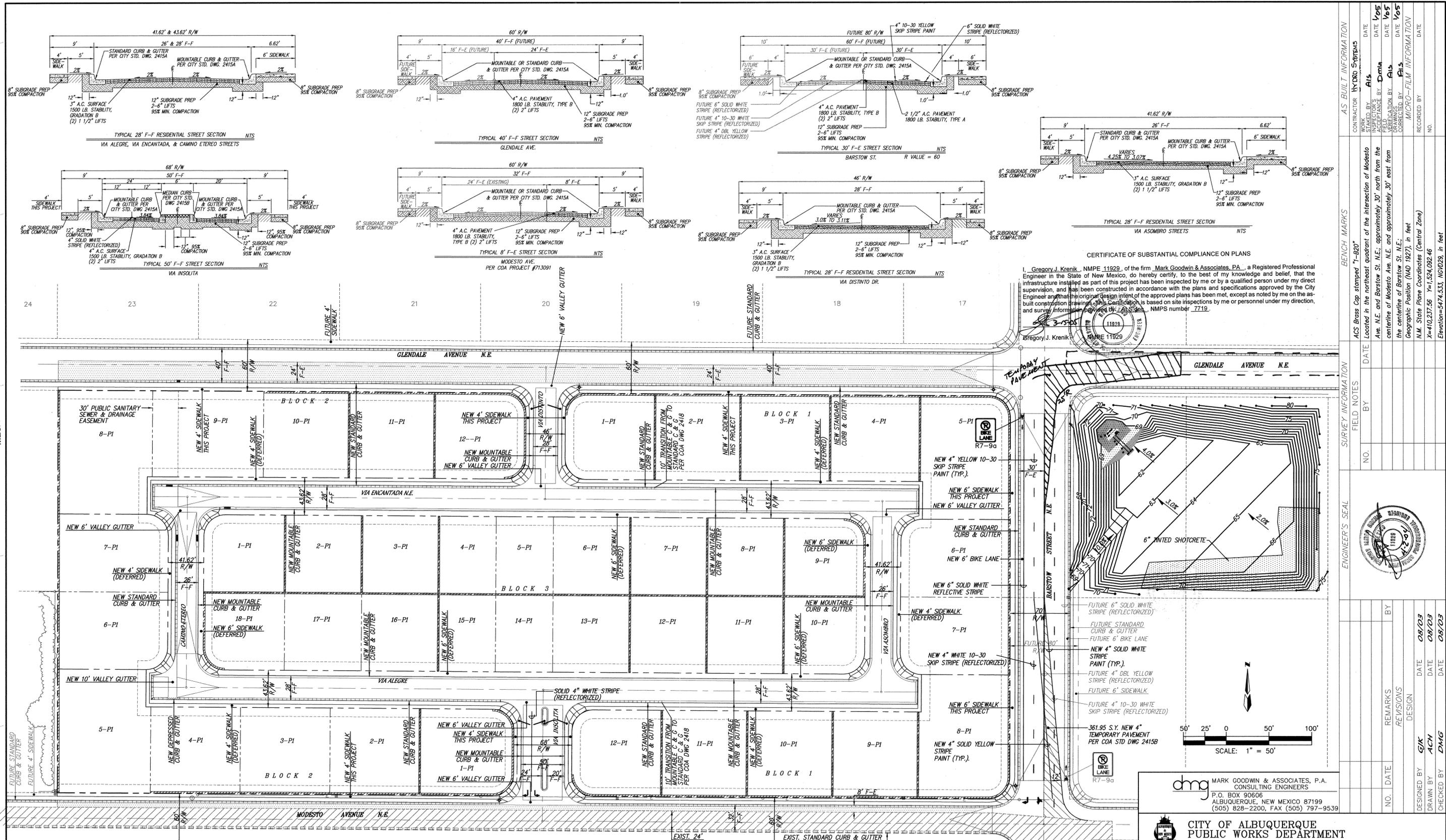
UNLESS OTHERWISE NOTED
(SEE NOTE 9) ALL
STREETS SHOWN HEREON
ARE HEREBY DEDICATED
AS PUBLIC RIGHT-OF-WAY

ABBREVIATIONS
10' PUE = PUBLIC UTILITY EASEMENTS
GRANTED WITH THIS PLAT
ROW = RIGHT-OF-WAY

NOTE:
CENTERLINE (IN LIEU OF 6" W) MONUMENTATION IS TO BE INSTALLED
ON THE CORNERS OF ALL LOTS AND STREETS
INTERSECTIONS SHOWN HEREON AND WILL CONSIST OF A FOUR
INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE"
CENTERLINE MONUMENT. DO NOT DISTURB. T.S.# 7719.

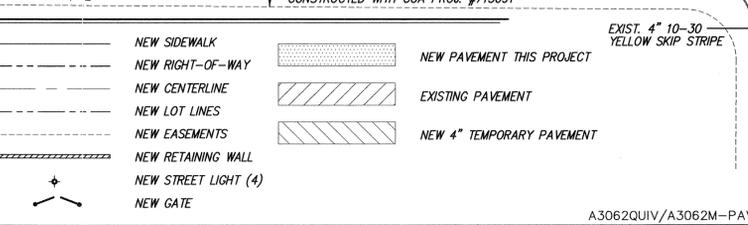
729781

SCANNED BY
MESA REPRO



- CONSTRUCTION NOTES**
- ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
 - ALL 6" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420.
 - ALL HANDICAP RAMPS ARE PER DETAILS ON THIS SHEET, OR COA DETAIL 2426.
 - TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10 FEET.
 - TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50 FEET PER C.O.A. STD DETAIL #2401.
 - ALL 10" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2422.
 - TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB AT INTERSECTIONS SHALL OCCUR THROUGH THE HC RAMP PER C.O.A. STANDARD DRAWING 2418.
 - SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 (60 FOR BARSTOW ST.), STREETS SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED, BY THE CONTRACTOR, WITH SUIABLE MATERIAL, OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.
 - ALL BULLNOSES TO BE PAINTED REFLECTORIZED YELLOW

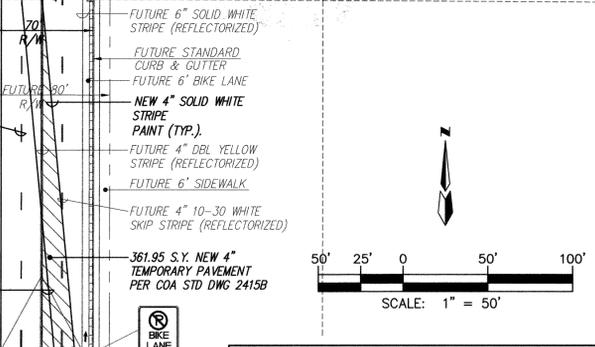
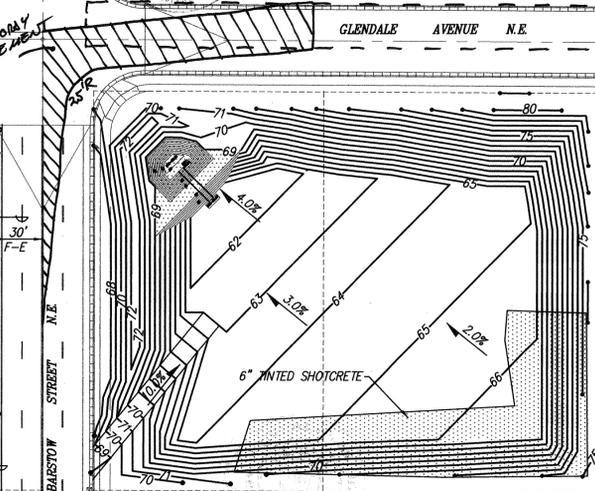
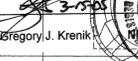
- LEGEND**
- EXISTING CHAIN LINK/WIRE FENCE
 - EXISTING OVERHEAD ELECTRIC LINE
 - EXISTING POWER POLE
 - EXISTING GUY WIRE
 - EXISTING TELEPHONE MANHOLE
 - EXISTING TELEPHONE PEDESTAL
 - NEW CURB & GUTTER
 - NEW STANDARD CURB & GUTTER
 - NEW SIDEWALK
 - NEW RIGHT-OF-WAY
 - NEW CENTERLINE
 - NEW LOT LINES
 - NEW EASEMENTS
 - NEW RETAINING WALL
 - NEW STREET LIGHT (4)
 - NEW GATE
 - NEW PAVEMENT THIS PROJECT
 - EXISTING PAVEMENT
 - NEW 4" TEMPORARY PAVEMENT



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 the City of Albuquerque, NMPS number 7719.

Gregory J. Krenik
Professional Engineer
No. 11929
Exp. 12/31/04



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

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

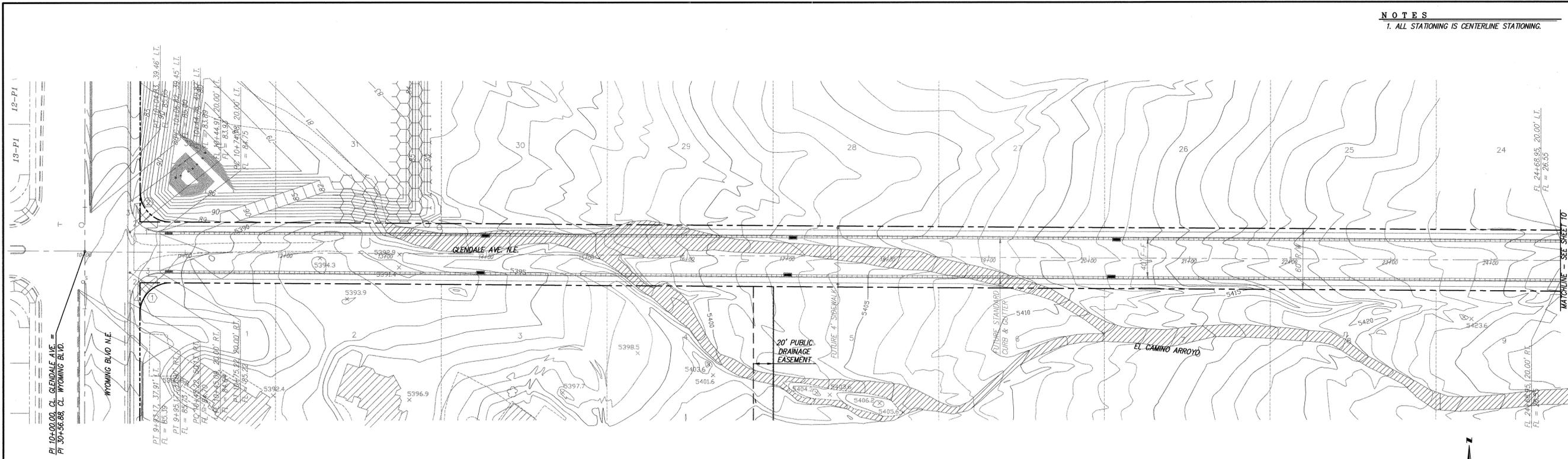
**QUIVERA ESTATES
MASTER PAVING PLAN**

DESIGN REVIEW COMMITTEE APPROVE APR - 9 2004
CITY ENGINEER APPROVE MAY 12 2004

CITY PROJECT NO. **729781** ZONE MAP NO. **B-19** SHEET OF **5 20**

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	HYDRO SYSTEMS	DATE	NO.	NO.	NO.	NO.	NO.
WORK STAMPED BY	AL	DATE		DATE		DATE	
DESIGNED BY	DMG	DATE		DATE		DATE	
CHECKED BY	DMG	DATE		DATE		DATE	
RECORDED BY	DMG	DATE		DATE		DATE	
NO.		NO.		NO.		NO.	

SCANNED BY
MESA REPRO

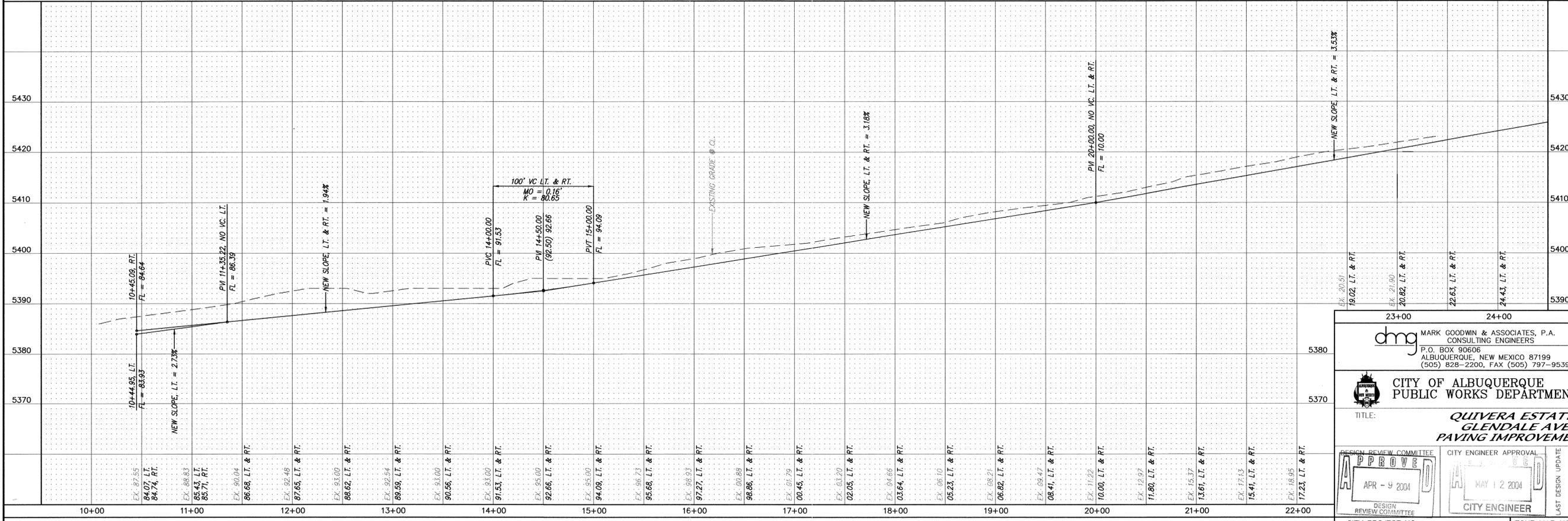
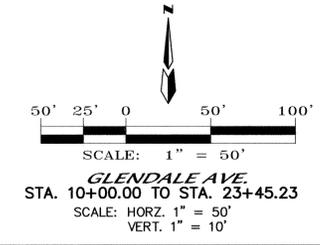


NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF CURB

- ① Δ = 90°15'16" ② Δ = 89°44'44"
- R = 30.00' R = 30.00'
- L = 47.26' L = 46.99'
- T = 30.13' T = 29.65'

THIS SHEET IS FOR
INFORMATION ONLY



SURVEY INFORMATION		AS BUILT INFORMATION	
NO.	DATE	CONTRACTOR	HYDRO SYSTEMS
		ACS Brass Cap stamped "1-82"	ALS
		Located in the northeast quadrant of the intersection of Modesto Ave. N.E. and Barstow St. N.E., approximately 30' north from the centerline of Modesto Ave. N.E. and approximately 30' east from the centerline of Barstow St. N.E.	ALS
		Geographic Position (NAD 1983), in feet	ALS
		N.M. State Plane Coordinates (Central Zone)	MICRO-FILM INFORMATION
		Elevations=5474.533, NG1029, in feet	RECORDED BY
			NO.



NO.	DATE	REMARKS	BY
		DESIGN	
	08/02		GJK
	08/02		ACH
	08/02		DMG

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **QUIVERA ESTATES**
GLENDALE AVE.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE APPROVAL: APR - 9 2004

CITY ENGINEER APPROVAL: MAY 12 2004

DESIGNED BY: GJK
DRAWN BY: ACH
CHECKED BY: DMG

1	FL ELEV.
2	68.98
3	69.25
4	69.52

1	FL ELEV.
2	69.87
3	69.48
4	69.10

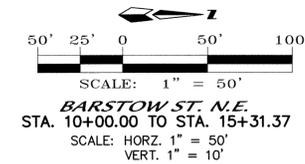
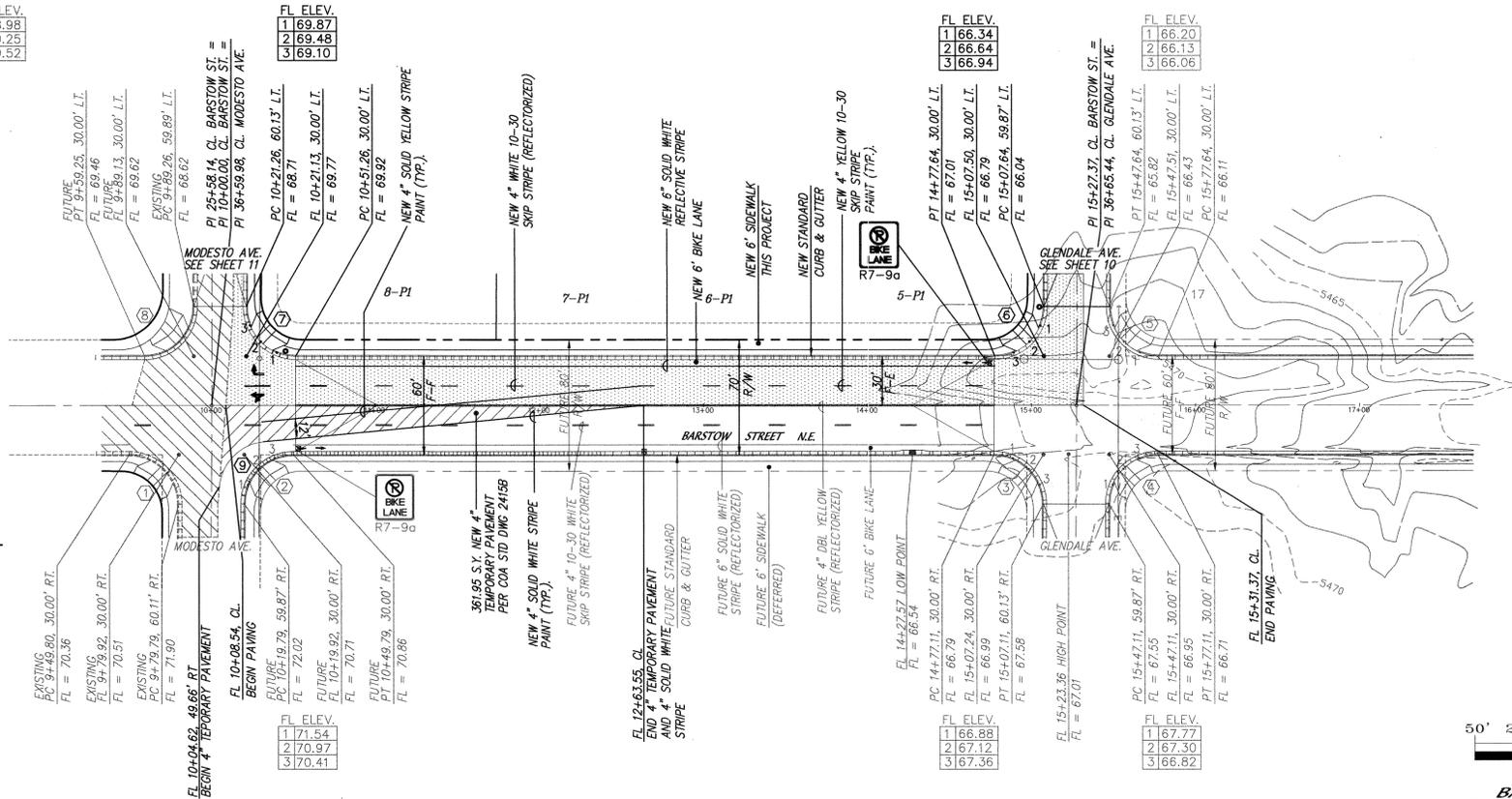
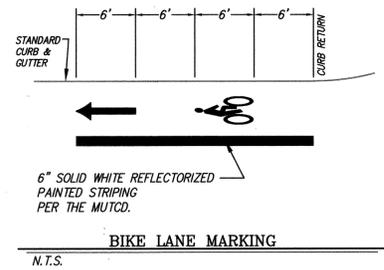
1	FL ELEV.
2	66.34
3	66.64
4	66.94

1	FL ELEV.
2	66.20
3	66.13
4	66.06

1	ELEV.
2	71.54
3	70.97
4	70.41

1	FL ELEV.
2	67.12
3	67.36
4	67.62

1	FL ELEV.
2	67.77
3	67.30
4	66.82



NOTES

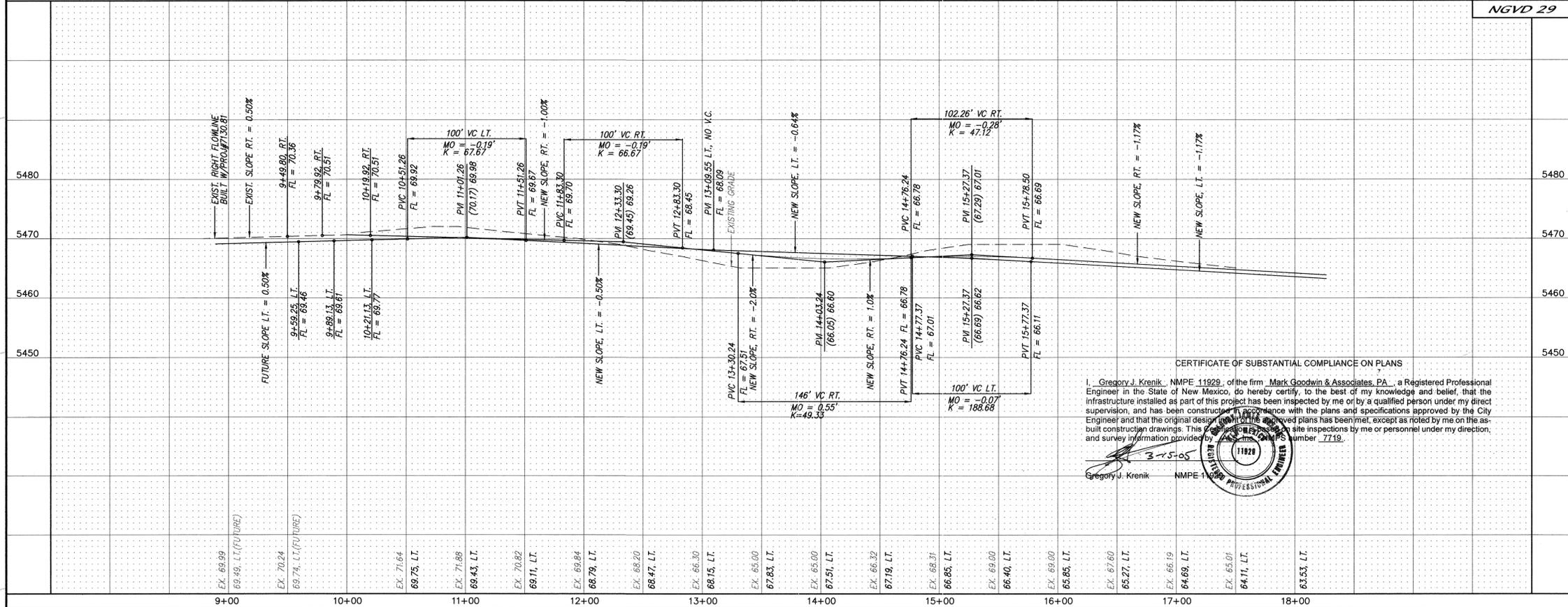
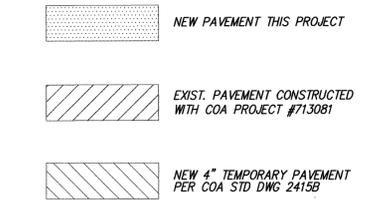
1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA - DESCRIBES FACE OF CURB

- ① Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'
- ② Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'
- ③ Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'
- ④ Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'
- ⑤ Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'
- ⑥ Δ = 89'44"59" R = 30.00' L = 46.99' T = 29.71'
- ⑦ Δ = 90'14"43" R = 30.00' L = 47.25' T = 30.07'
- ⑧ Δ = 90'00"00" R = 25.00' L = 39.27' T = 25.00'

CURVE DATA - DESCRIBES EDGE OF PAVEMENT

- ⑨ Δ = 80'01"55" R = 30.00' L = 41.90' T = 25.19'



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 (submitted to the approved plans has been met, except as noted by me on the as-built construction drawings. This certificate is based on site inspections by me or personnel under my direction, and survey information provided by the contractor. My registration number is 11929.

Gregory J. Krenik NMPE 11929

AS BUILT INFORMATION

CONTRACTOR	WORK	DATE
ACS Brass Cap	Stamped "1-B20"	
ACS Brass Cap	Stamped "1-B20"	

FIELD NOTES

NO.	BY	DATE



NO.	DATE	REMARKS

DESIGNED BY: GJK DATE: 01/04

DRAWN BY: ACH DATE: 01/04

CHECKED BY: DMG DATE: 01/04

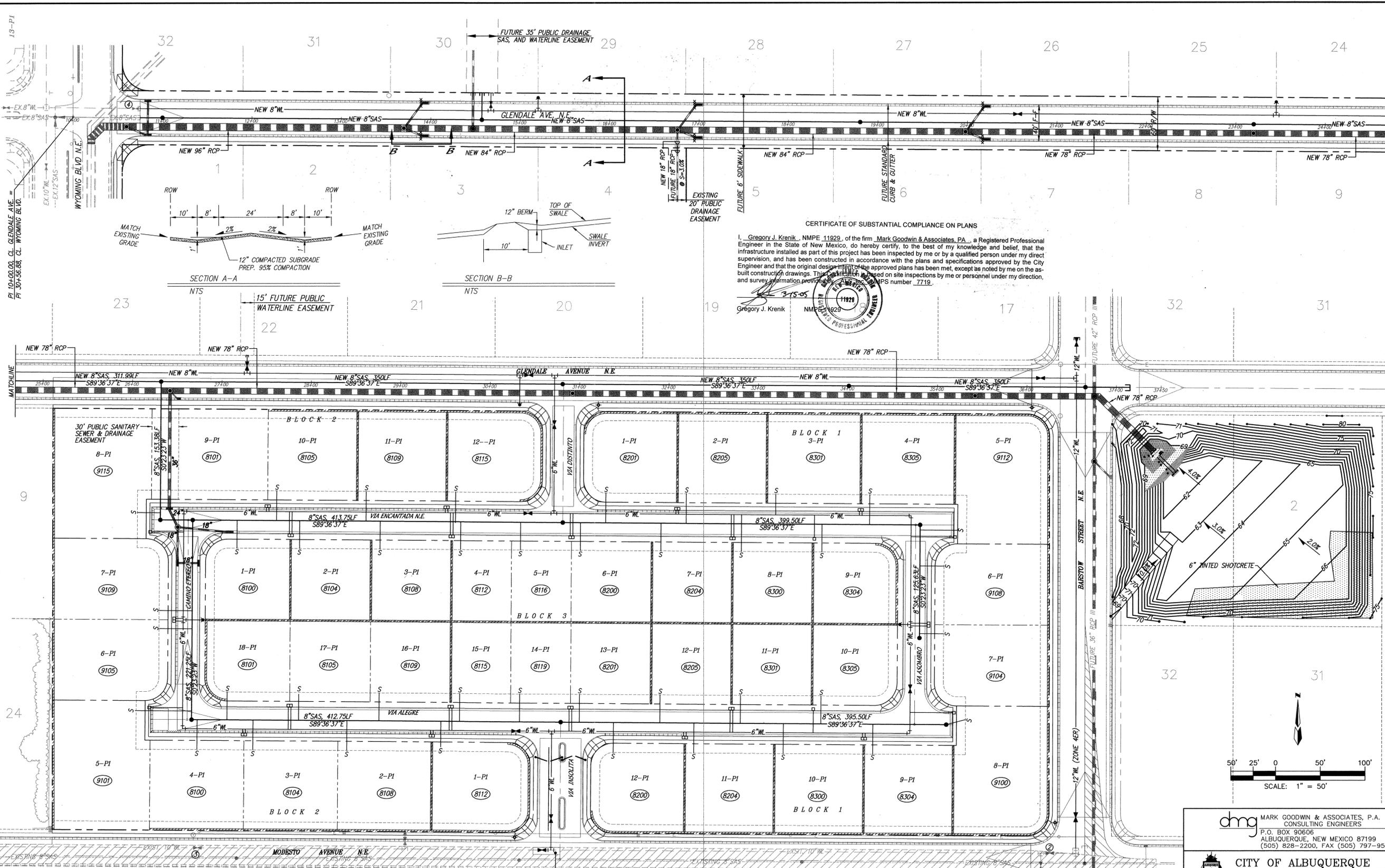
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT

TITLE: **QUIVERA ESTATES BARSTOW ST. N.E. PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE APPROVE APR - 9 2004

ENGINEER APPROVAL APPROVE MAY 12 2004

DESIGN REVIEW COMMITTEE CITY ENGINEER



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 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 ALS.

Gregory J. Krenik
 3-15-05
 NMPE 11929
 REGISTERED PROFESSIONAL ENGINEER

- VALVE SHUT-OFF PLAN**
- CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, SEVEN (7) DAYS PRIOR TO NECESSARY SHUT-OFF.
 - VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES SEE THIS SHEET FOR VALVE NUMBERS & LOCATIONS.
 - FOR NON-PRESSURE CONNECTION AT WYOMING & GLENDALE SHUT OFF VALVE ④
 - FOR NON-PRESSURE CONNECTION IN MODESTO SHUT OFF VALVES ② & ③
 - FOR NON-LIVE INSTALLATION IN BARSTOW SHUT-OFF VALVES ① & ②

- LEGEND**
- | | | | | | | | |
|---------|---------------------------------|-----|--------------------|-----|------------------|---|--------------------------|
| —○—○— | EXISTING CHAIN LINK/WIRE FENCE | — | NEW SIDEWALK | —○— | NEW WATERLINE | + | NEW STREET LIGHT(4) |
| —E—E—E— | EXISTING OVERHEAD ELECTRIC LINE | --- | NEW RIGHT-OF-WAY | —□— | NEW WATER METERS | + | NEW STORM DRAIN |
| ○ | EXISTING POWER POLE | --- | NEW CENTERLINE | —+— | NEW TEE | + | EXIST. VALVE # |
| —○— | EXISTING GUY WIRE | --- | NEW LOT LINES | —X— | NEW VALVE | + | 10' LONG x 12" TALL BERM |
| —○— | EXISTING TELEPHONE MANHOLE | --- | NEW EASEMENTS | —●— | NEW SAS | + | |
| —○— | EXISTING TELEPHONE PEDESTAL | --- | NEW RETAINING WALL | —○— | NEW SAS MH | + | |
| — | NEW CURB & GUTTER | --- | NEW STORM DRAIN | —○— | NEW SAS SERVICES | + | |
| — | NEW STANDARD CURB & GUTTER | --- | NEW STORM DRAIN MH | —○— | NEW LOT ADDRESS | + | |

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **QUIVERA ESTATES MASTER UTILITY PLAN**

DESIGN REVIEW COMMITTEE MAY - 4 2004	CITY ENGINEER APPROVAL MAY 12 2004	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO. **729781** ZONE MAP NO. **B-19** SHEET OF **13 20**

AS BUILT INFORMATION		HYDRO SYSTEMS	
CONTRACTOR	ALS	DATE	DATE
WORK STARTED BY	ALS	DATE	DATE
INSPECTOR	ALS	DATE	DATE
FIELD VERIFY BY	ALS	DATE	DATE
REVISIONS	ALS	DATE	DATE
CORRECTED BY	ALS	DATE	DATE
RECORDED BY	ALS	DATE	DATE
NO.		DATE	DATE

SURVEY INFORMATION		FIELD NOTES	
NO.		DATE	DATE
BY			

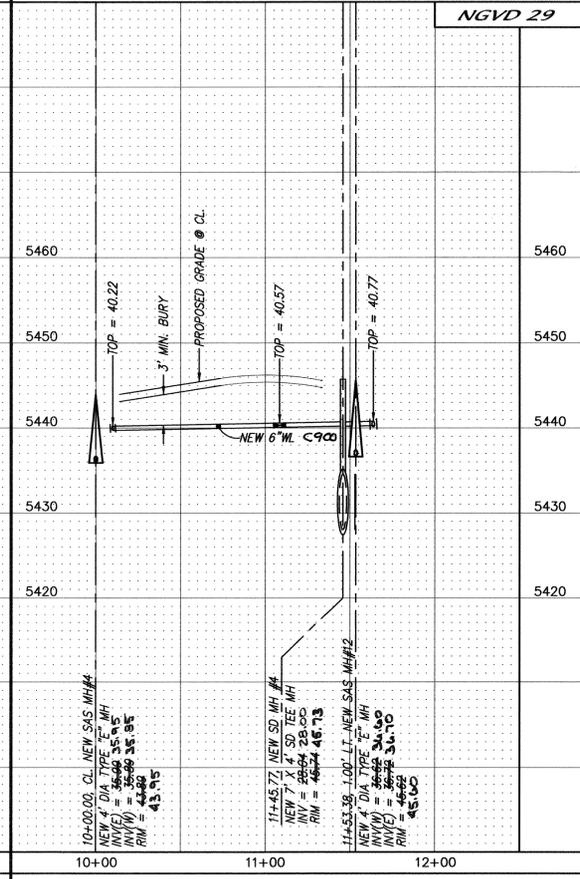
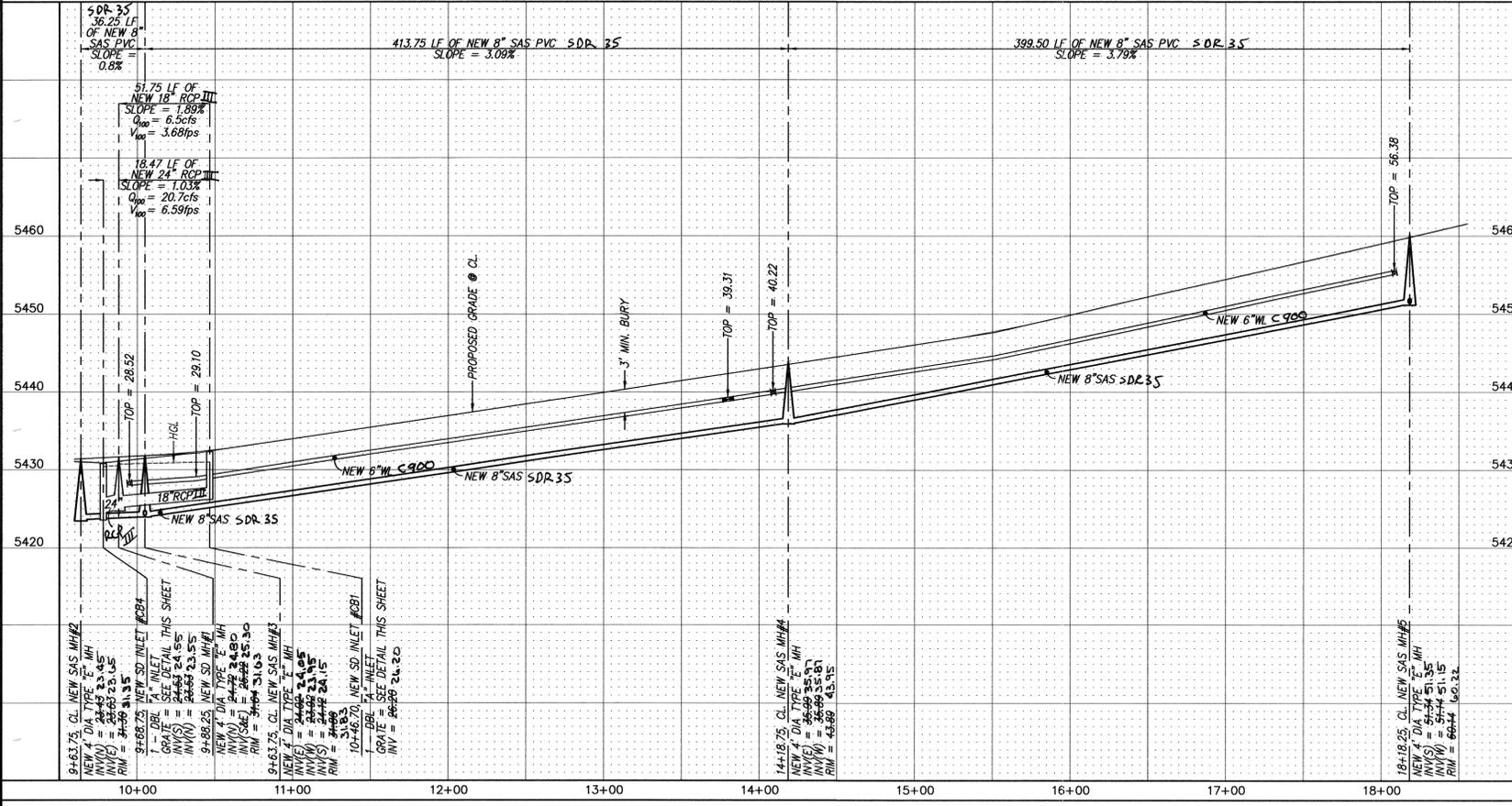
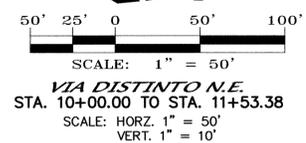
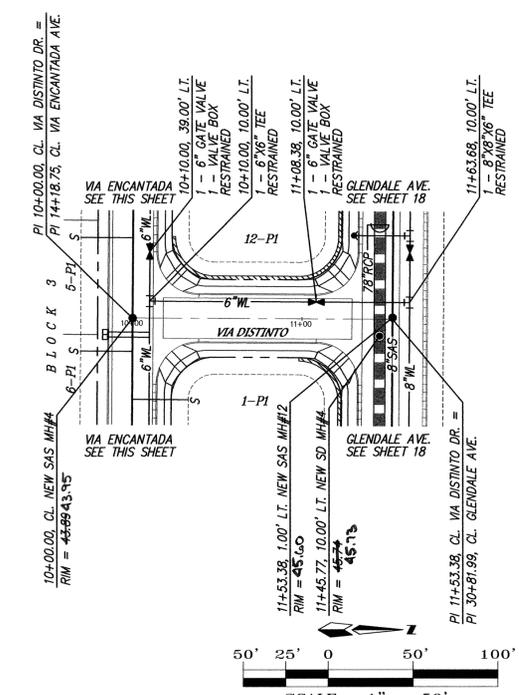
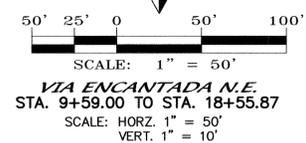
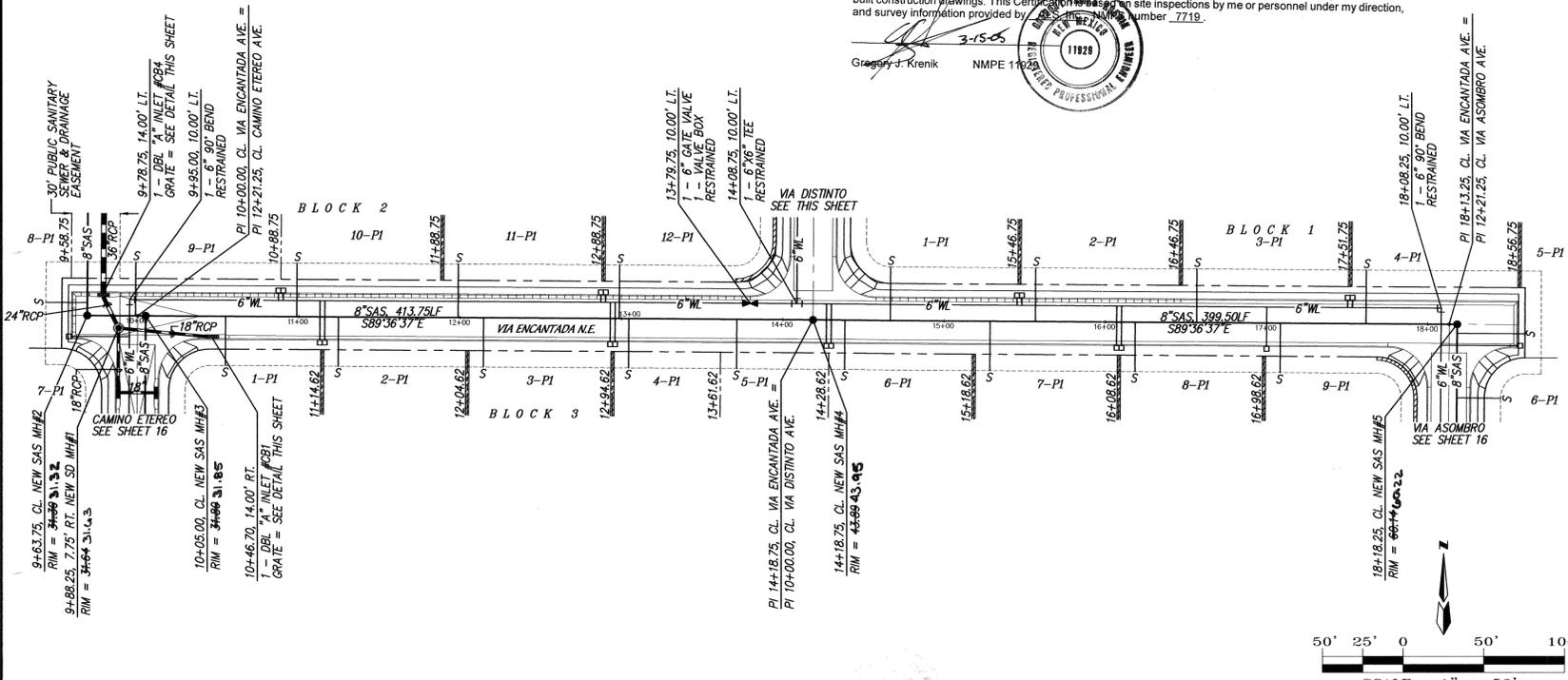
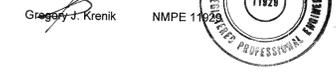
ENGINEER'S SEAL	
DESIGNED BY	GJK DATE 08/03
DRAWN BY	ACH DATE 08/03
CHECKED BY	DMG DATE 08/03

6: \A03\085\A3062QUV\A3062M-UTI.dwg Tue May 04 09:35:54 2004 D. MARK GOODWIN & ASSOCIATES; PLOTTED BY: KJS

SCANNED BY
MESA RETPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, of the firm Mark Goodwin & Associates, PA, 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 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 Certificate is based on site inspections by me or personnel under my direction, and survey information provided by the contractor. License Number 7719.



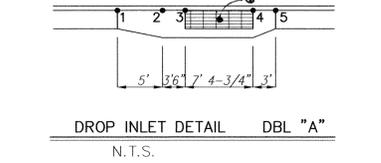
NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

Table with columns: BLOCK, LOT, STATION AT PUE, INV. ELEV. AT PUE, LENGTH AT PUE. Lists service details for various blocks and lots.

Table with columns: CB #, CB #1, CB #2, CB #3, CB #4. Lists centerline coordinates for various blocks.



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

Table showing restrained joint lengths for bends, valves, and dead ends for pipe sizes 6 inch, 10 inch, and 12 inch.

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.

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)

Table showing restrained joint lengths for reducers for pipe sizes 10 inch x 6 inch and 10 inch x 10 inch.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

Table showing restrained joint lengths for tees for pipe sizes 10 inch x 10 inch x 10 inch, 10 inch x 10 inch x 6 inch, and 6 inch x 6 inch x 6 inch.

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

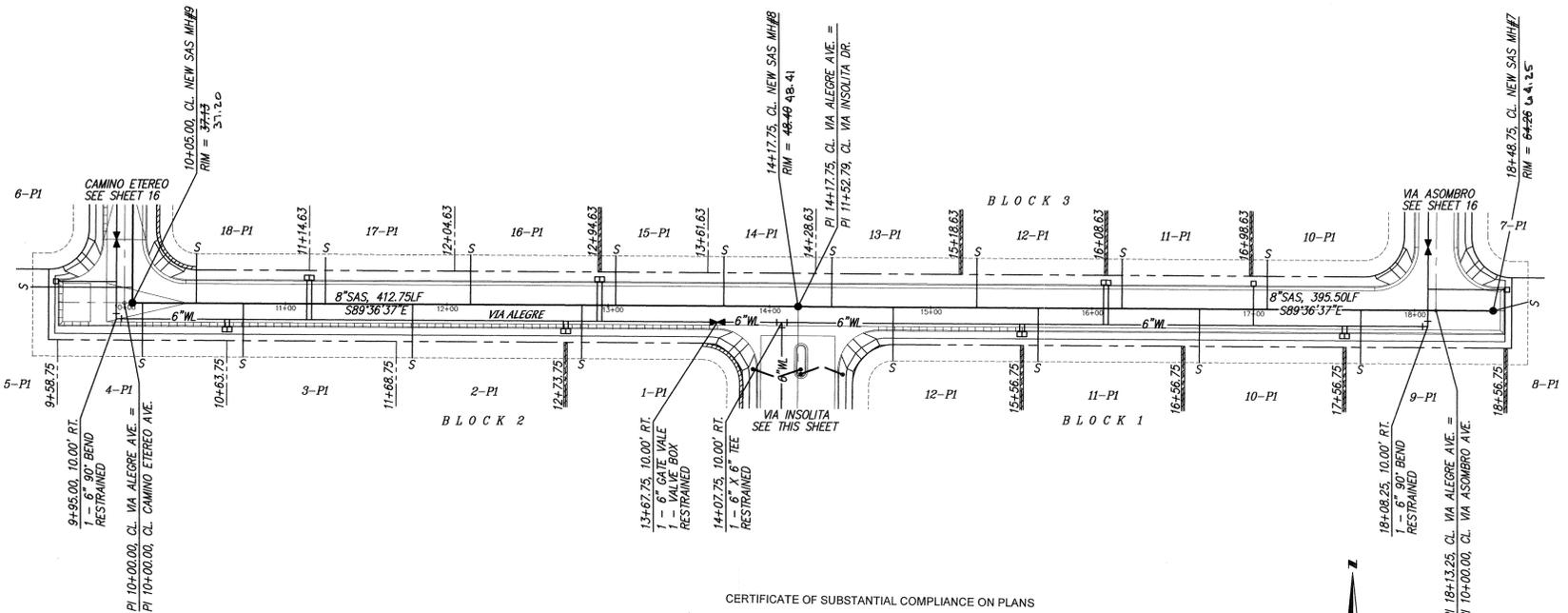
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TITLE: QUIVERA ESTATES VIA ENCANTADA N.E. & VIA DISTINTO N.E. UTILITY IMPROVEMENTS

Approval stamps: DESIGN REVIEW COMMITTEE (APR 9 2004), CITY ENGINEER APPROVAL (MAY 12 2004), and revision table.

CITY PROJECT NO. 729781 ZONE MAP NO. B-19 SHEET 14 OF 20

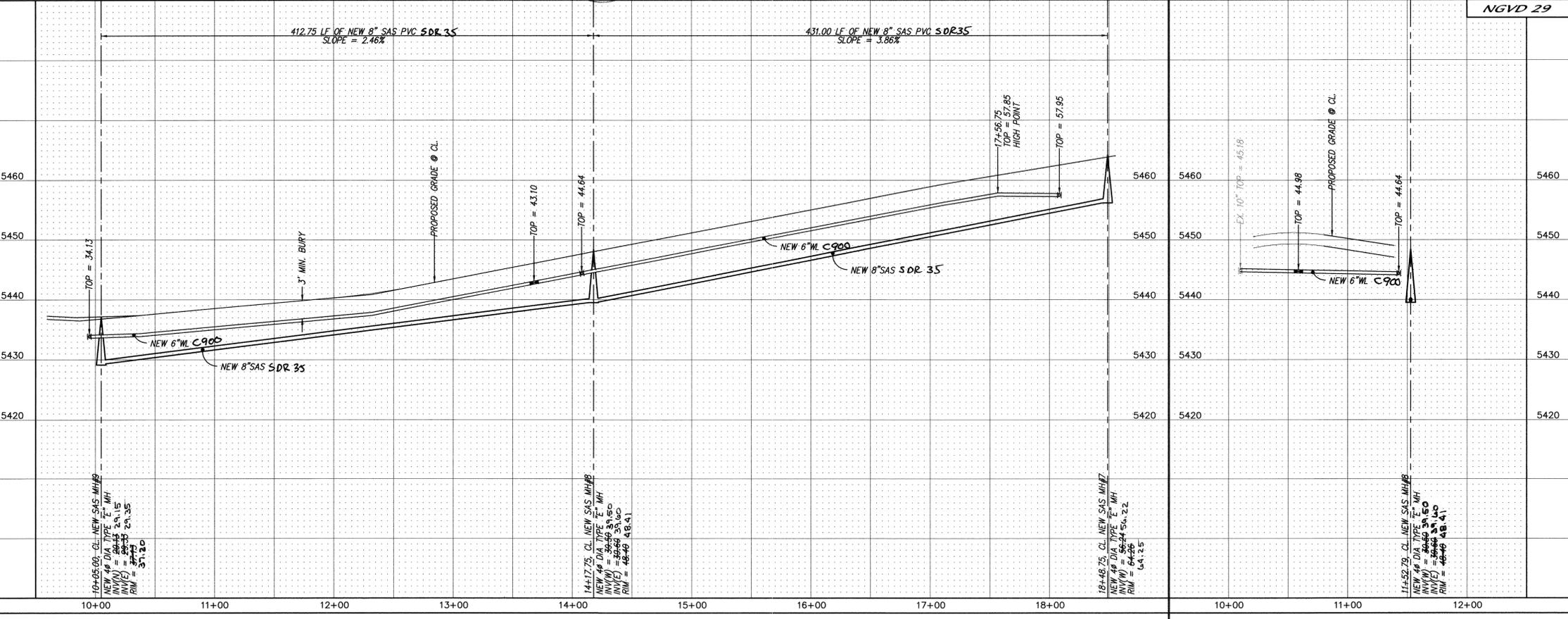
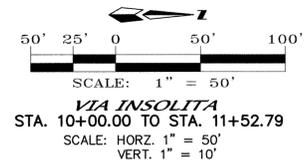
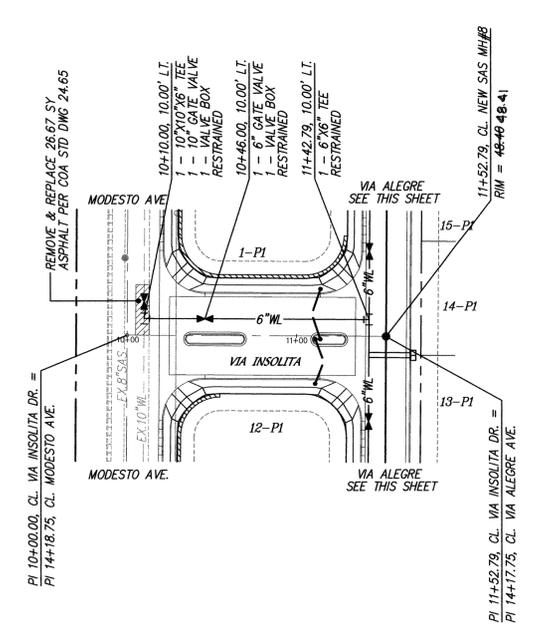
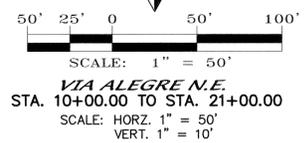
AS BUILT INFORMATION, BENCH MARKS, SURVEY INFORMATION, FIELD NOTES, ENGINEER'S SEAL, and REVISIONS table.

SCANNED BY
MESA REPRO



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS
 I, Gregory J. Krenik, NMPE 11929, 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 the contractor. My registration number is 7719.

Gregory J. Krenik NMPE 11929 REGISTERED PROFESSIONAL ENGINEER



NOTES
 1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	8	18+70.25, 5.62'L.T.	59.61'	22.22'
1	9	11+24.62	33.95'	33.00'
1	10	16+66.75	52.62'	33.00'
1	11	15+66.75	48.77'	33.00'
2	1	12+63.75	37.87'	33.00'
2	2	11+78.75	34.93'	33.00'
2	3	10+73.75	33.03'	33.00'
2	4	10+11.25	31.91'	33.00'
3	10	17+08.63	54.23'	30.62'
3	11	16+18.63	50.77'	30.62'
3	12	15+28.63	47.18'	30.62'
3	13	14+38.63	43.83'	30.62'
3	14	13+71.63	41.25'	30.62'
3	15	13+04.63	38.67'	30.62'
3	16	12+14.63	35.57'	30.62'
3	17	11+24.63	33.95'	30.62'
3	18	10+44.63	32.51'	30.62'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)				
PIPE SIZE	90°	45°	22.5°	11.25° VALVE
6"	17'	7'	-	46'
10"	-	11'	5'	72'

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.

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)		
PIPE SIZE	LARGE SIDE	SMALL SIDE
10" X 6"	44'	-

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
10"x10"x10"	15'	5'
10"x10"x6"	6'	1'
6"x6"x6"	10'	2'

REMARKS
 REVISIONS
 DESIGN

NO. | DATE | REMARKS | BY

DESIGNED BY: GJK DATE: 01/04
 DRAWN BY: ACH DATE: 01/04
 CHECKED BY: DMG DATE: 01/04

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

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT

TITLE: **QUIVERA ESTATES
 VIA ALEGRE N.E. & VIA INSOLITA N.E.
 UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE: APPROVE APR - 9 2004
 CITY ENGINEER APPROVAL: APPROVE MAY 12 2004

DESIGN REVIEW COMMITTEE: APPROVE
 CITY ENGINEER

CITY PROJECT NO. 729781 ZONE MAP NO. B-19 SHEET OF 15 20

AS BUILT INFORMATION

CONTRACTOR: Hydro Systems
 STAKED BY: ALS
 INSPECTOR'S FIELD SIGNATURE BY: DMG
 DATE: 1/05
 VERIFICATION BY: ALS
 DATE: 1/05
 CORRECTED BY: ALS
 MICRO-FILM INFORMATION
 RECORDED BY: DATE: DATE: DATE: NO.

BENCH MARKS

ACS Brass Cap stamped "1-B20"
 Located in the northeast quadrant of the intersection of Modesto Ave. N.E. and Barstow St. N.E.; approximately 30' north from the centerline of Modesto Ave. N.E. and approximately 30' east from the centerline of Barstow St. N.E.;
 Geographic Position (NAD 1983), in feet
 N.M. State Plane Coordinates (Central Zone)
 X=410,237.56 Y=1,524,092.46
 Elevation=5474.533, NGVD29, in feet

SURVEY INFORMATION

FIELD NOTES

NO. | BY | DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER
 GREGORY J. KRENIK
 STATE OF NEW MEXICO
 REGISTRATION NO. 7719

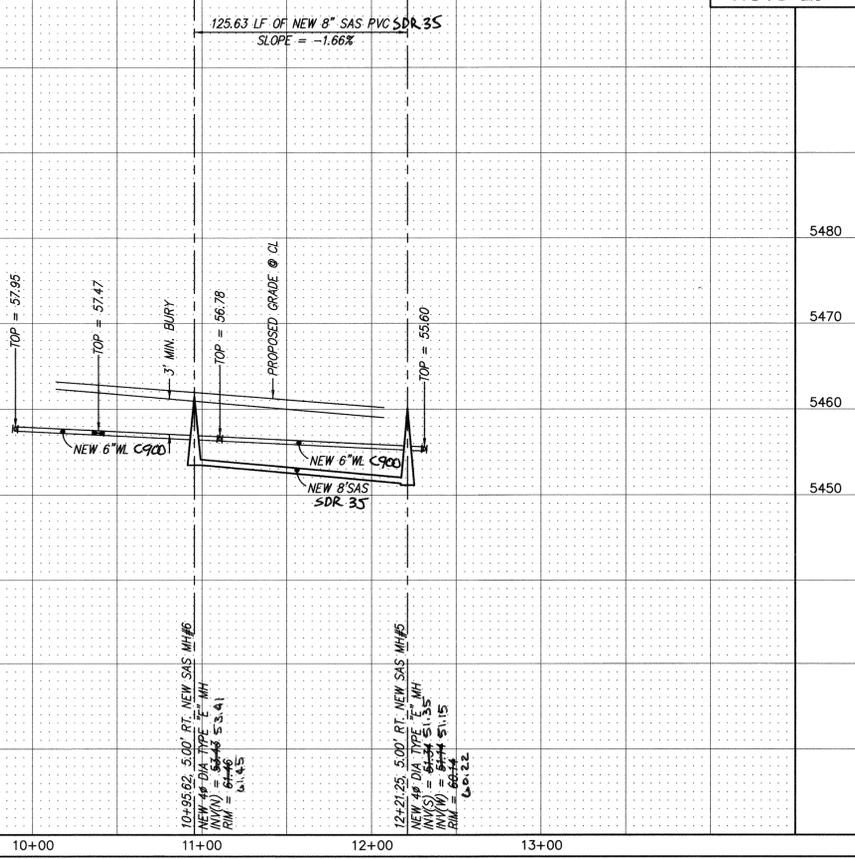
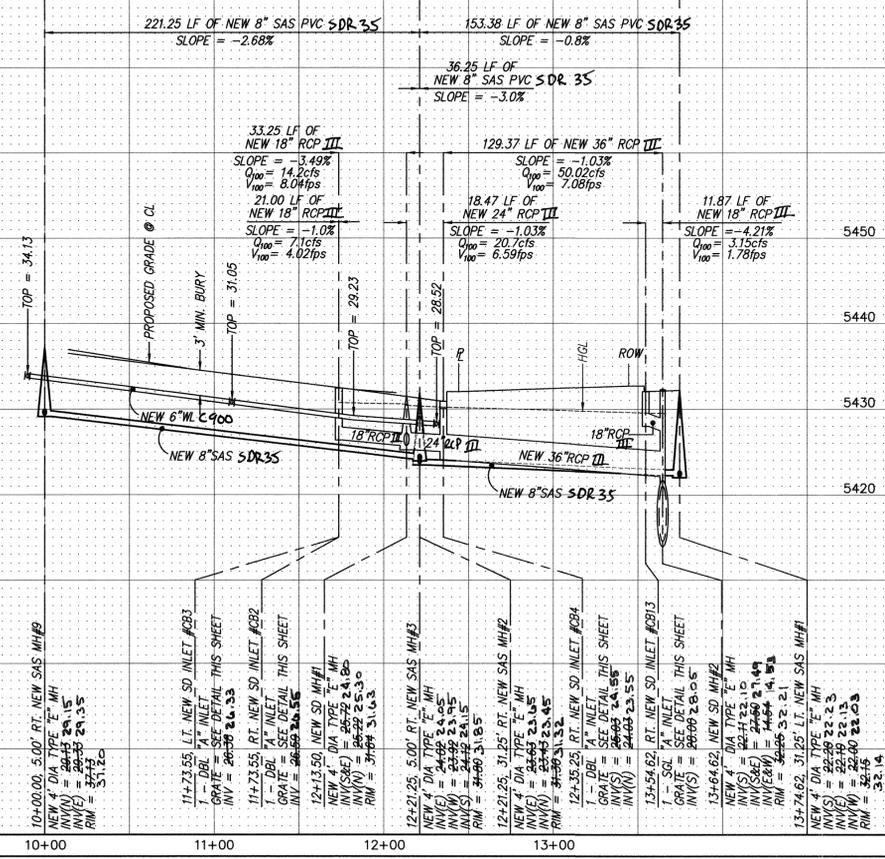
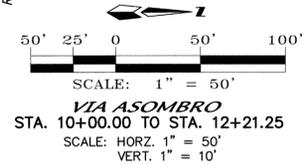
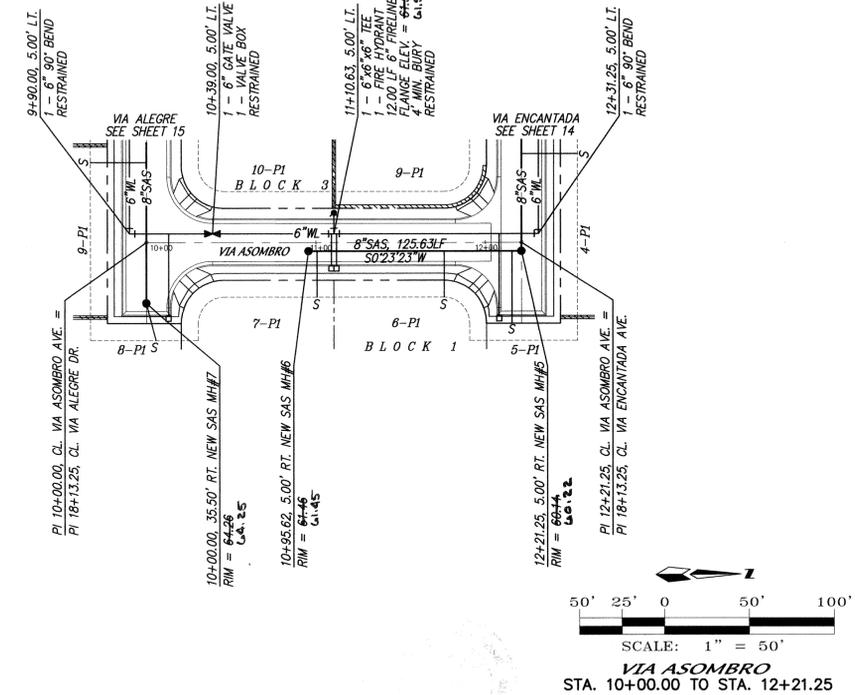
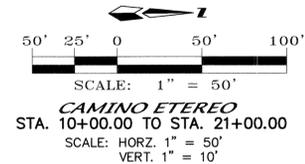
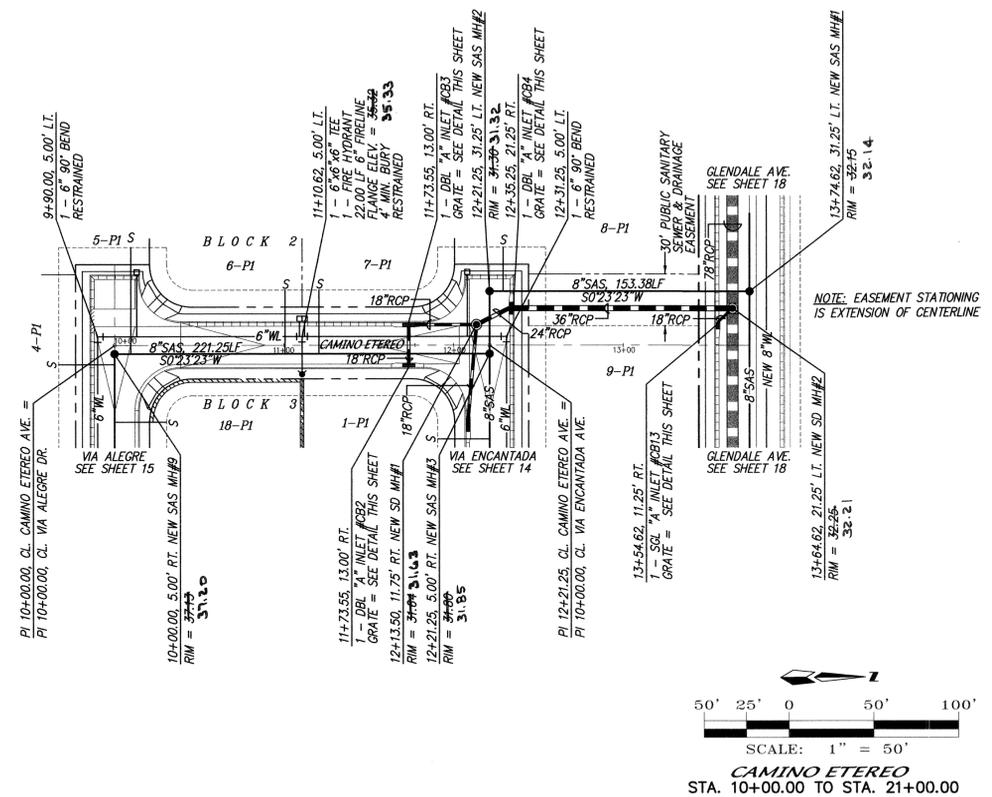
F:\A03\JOBS\A3062\UIV\PLANS\A3062-UP2.dwg Fr1 Apr 02 14:47:28 2004 D. MARK GOODWIN & ASSOCIATES; PLTTED BY: GJK

SCANNED BY
MESA REPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 is in accordance with the City Engineer's plans for the project. The plans have been inspected and approved by me or personnel under my direction, and the construction has been in accordance with the plans and specifications approved by me or personnel under my direction. This Certificate of Substantial Compliance is issued in accordance with the City Engineer's plans for the project. The original design is in accordance with the City Engineer's plans for the project. The construction has been in accordance with the plans and specifications approved by me or personnel under my direction. The original design is in accordance with the City Engineer's plans for the project. The construction has been in accordance with the plans and specifications approved by me or personnel under my direction.

Gregory J. Krenik NMPE 11929

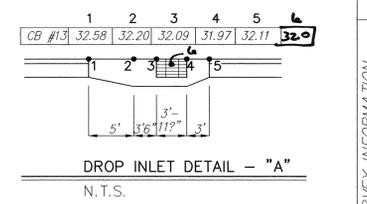
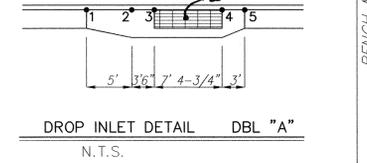


NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	5	12+15.63	55.07'	42.00'
1	6	11+75.63	55.68'	27.00'
1	7	11+00.62	56.83'	27.00'
2	5	10+08.57	31.64'	62.00'
2	6	11+00.62	28.85'	37.00'
2	7	11+20.62	28.35'	37.00'
2	8	12+29.25	25.59'	25.75'

CB #	1	2	3	4	5	6
CB #1	32.72	32.37	32.28	32.12	32.29	32.18
CB #2	32.71	32.35	32.26	32.08	32.23	32.15
CB #3	32.71	32.35	32.26	32.08	32.23	32.17
CB #4	31.12	30.79	30.71	30.65	30.91	30.67



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

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
10"	-	11'	5'	3'	72'

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.

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)

PIPE SIZE	LARGE SIDE	SMALL SIDE
10" X 6"	44'	-

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
10"x10"x10"	15'	5'
10"x10"x6"	6'	1'
6"x6"x6"	10'	2'

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TITLE: QUIVERA ESTATES
CAMINO ETEREO N.E. & VIA ASOMBRO N.E.
UTILITY IMPROVEMENTS

APPROVED APR - 9 2004 DESIGN REVIEW COMMITTEE
APPROVED MAY 12 2004 CITY ENGINEER

CITY PROJECT NO. 729781 ZONE MAP NO. B-19 SHEET OF 16 20

AS BUILT INFORMATION
CONTRACTOR: Hydro Systems
INSPECTOR'S DATE: A15
FIELD REFERENCE BY: DMB
DATE: 1/05
CORRECTED BY: A15
DATE: 1/05
MICRO-FILM INFORMATION
RECORDED BY: A15
DATE: 1/05

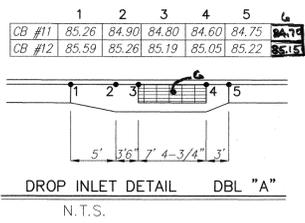
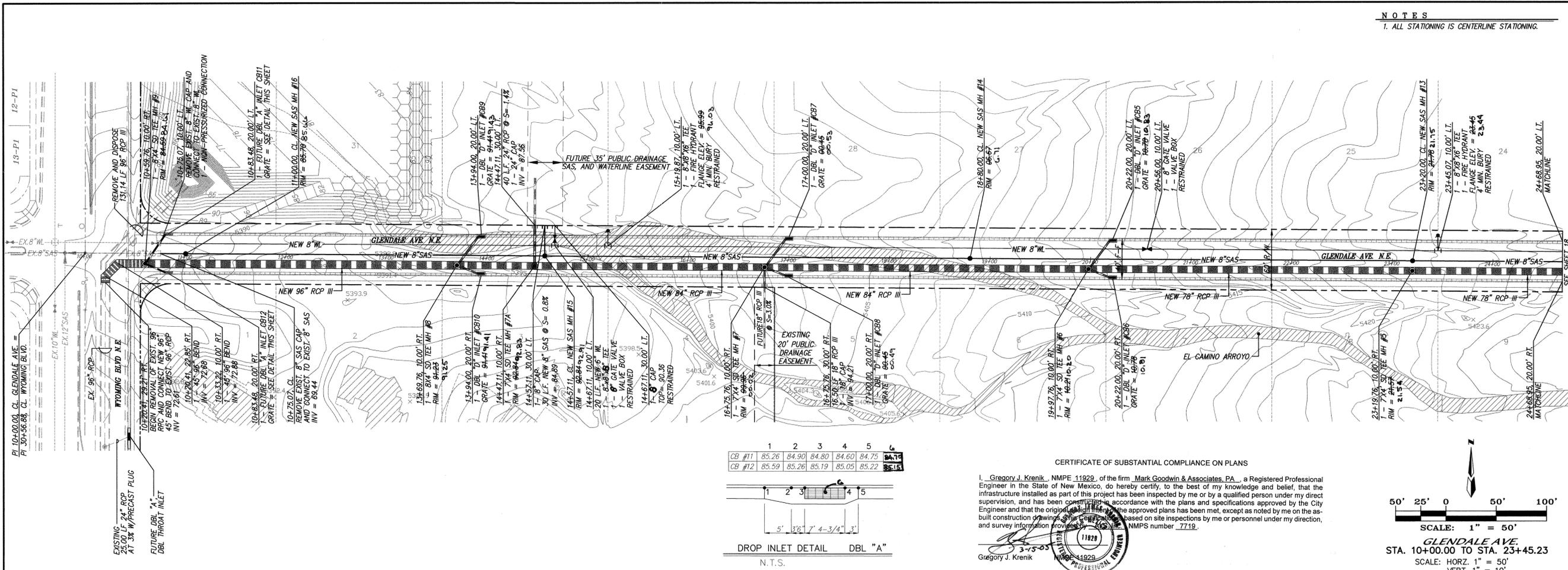
BENCH MARKS
ACS Brass Cap stamped "1-B20"
Located in the northeast quadrant of the intersection of Modesto Ave. N.E. and Barstow St. N.E., approximately 30' north from the centerline of Modesto Ave. N.E. and approximately 30' east from the centerline of Barstow St. N.E.
Geographic Position (NAD 1927), in feet
N.M. State Plane Coordinates (Central Zone)
X=410,237.96 Y=1524,092.46
Elevation=5474.533, NGVD29, in feet

SURVEY INFORMATION
FIELD NOTES BY: [Blank]
DATE: [Blank]
NO. [Blank]

ENGINEER'S SEAL
MARK GOODWIN & ASSOCIATES, P.A.
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
11929

REMARKS
DESIGN
DATE: 01/04
DRAWN BY: ACH
DATE: 01/04
CHECKED BY: DMG
DATE: 01/04

SCANNED BY
MESA REPRO

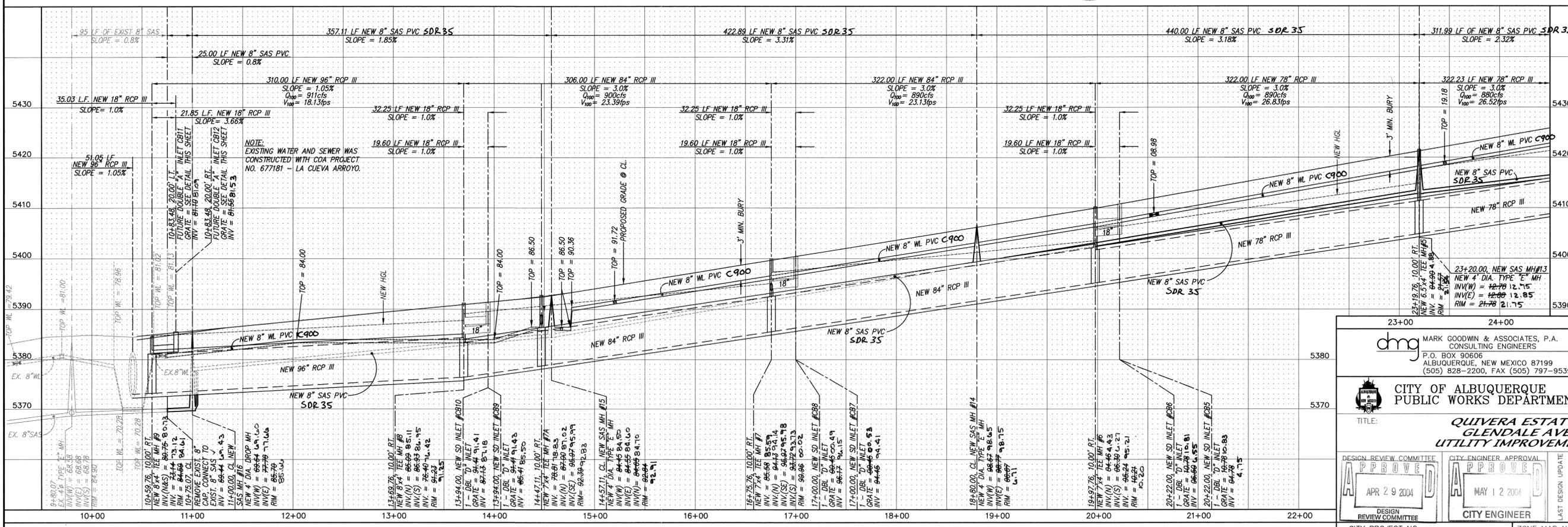
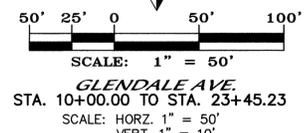


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Gregory J. Krenik, NMPE 11929, 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 construction of the approved plans has been met, except as noted by me on the as-built construction drawings. This certificate is based on site inspections by me or personnel under my direction, and survey information provided to me by the NMPS number 7719.

Gregory J. Krenik
Professional Engineer
11929

NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.



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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **QUIVERA ESTATES
GLENDALE AVE.
UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE: APPROVED APR 29 2004
CITY ENGINEER APPROVAL: APPROVED MAY 12 2004

DESIGNED BY: GJK DATE: 08/02
DRAWN BY: ACH DATE: 08/02
CHECKED BY: DMG DATE: 08/02

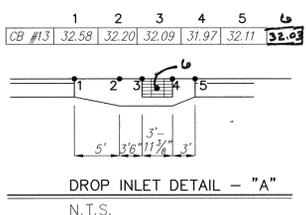
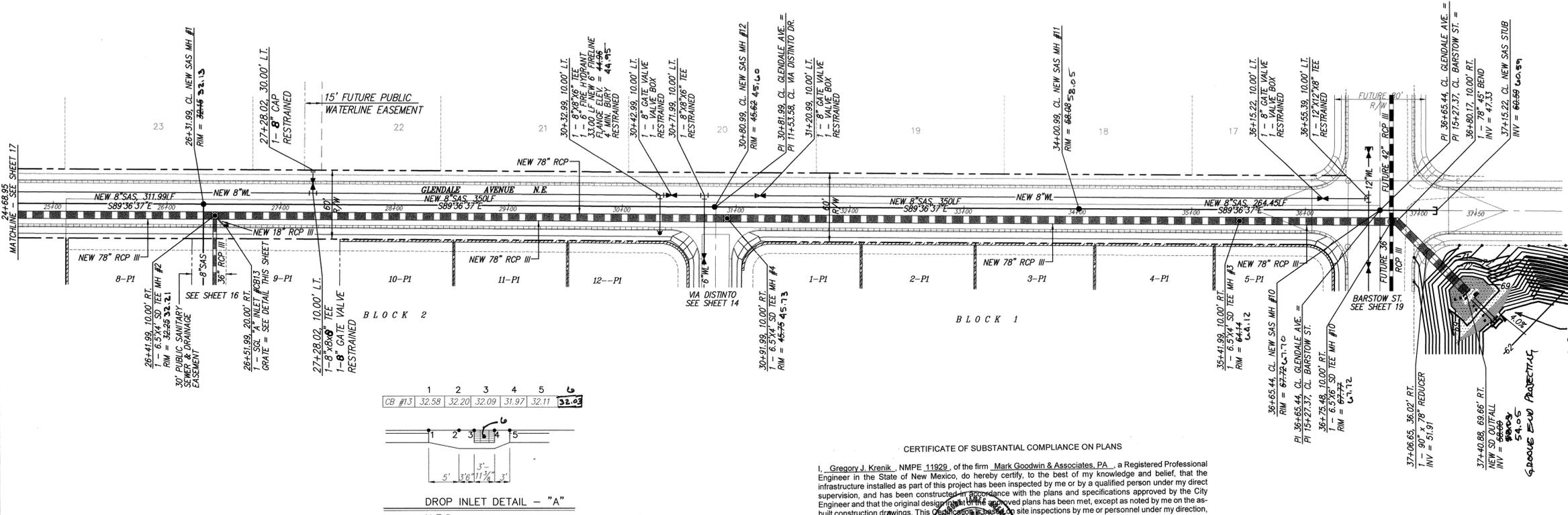
AS-BUILT INFORMATION	
CONTRACTOR	HYDRO SYSTEMS
INSPECTOR'S DATE	DATE
ACCEPTANCE BY	DATE
VERIFICATION BY	DATE
DESIGNED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	NO.



SURVEY INFORMATION	
FIELD NOTES	NO.
DATE	NO.
BY	NO.
ENGINEER'S SEAL	
REMARKS	REVISIONS
DESIGN	DATE
DATE	DATE
DATE	DATE

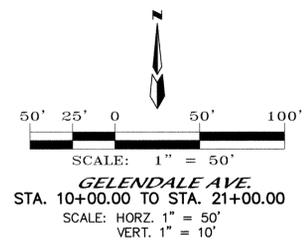
SCANNED BY MESA REPRO

NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.
2. INLET CONTROL HW = 71.25, WSEL = 71.25
(SEE NOMOGRAPH IN CLO.M.A.)

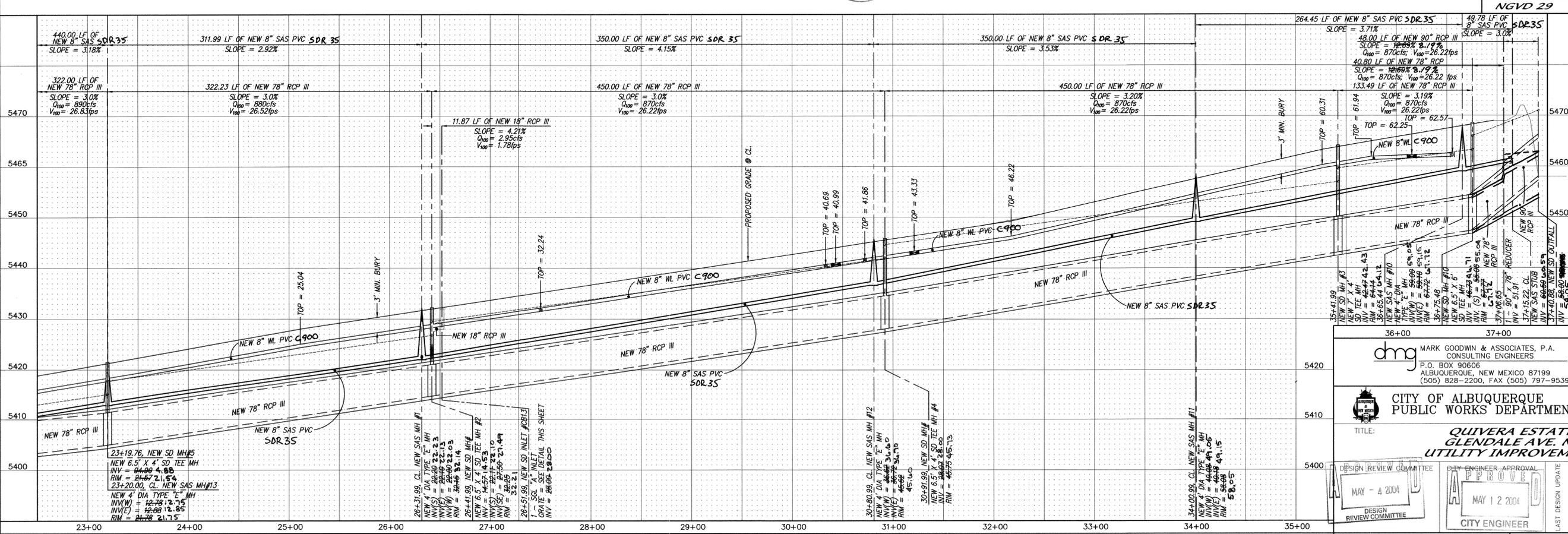


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I, Gregory J. Krenik, NMPE 11929, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this 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 of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certificate is based on site inspections by me or personnel under my direction, and survey information provided by the contractor under permit number 7719.

Gregory J. Krenik NMPE 11929 REGISTERED PROFESSIONAL ENGINEER



SCALE: 1" = 50'
GELENDALE AVE.
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORIZ. 1" = 50'
VERT. 1" = 10'



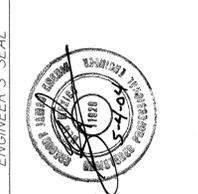
MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

QUIVERA ESTATES
GLENDALE AVE. N.E.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE
MAY - 4 2004
DESIGN REVIEW COMMITTEE

APPROVED
MAY 12 2004
CITY ENGINEER



REVISIONS

NO.	DATE	REMARKS

DESIGNED BY: GJK
DRAWN BY: ACH
CHECKED BY: DMG

NO.	DATE	REVISIONS

CITY PROJECT NO. 729781
ZONE MAP NO. B-19
SHEET 18 OF 20

AS BUILT INFORMATION

CONTRACTOR	HYDRO SYSTEMS

FIELD NOTES

NO.	DATE	BY

AS BUILT INFORMATION

CONTRACTOR	HYDRO SYSTEMS

