

SCANNED BY
MESA REPRO



NOTICE TO CONTRACTORS

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- CAUTION:**

SURVEYOR'S CERTIFICATION

Timothy Aldrich, P.S. No. 7719

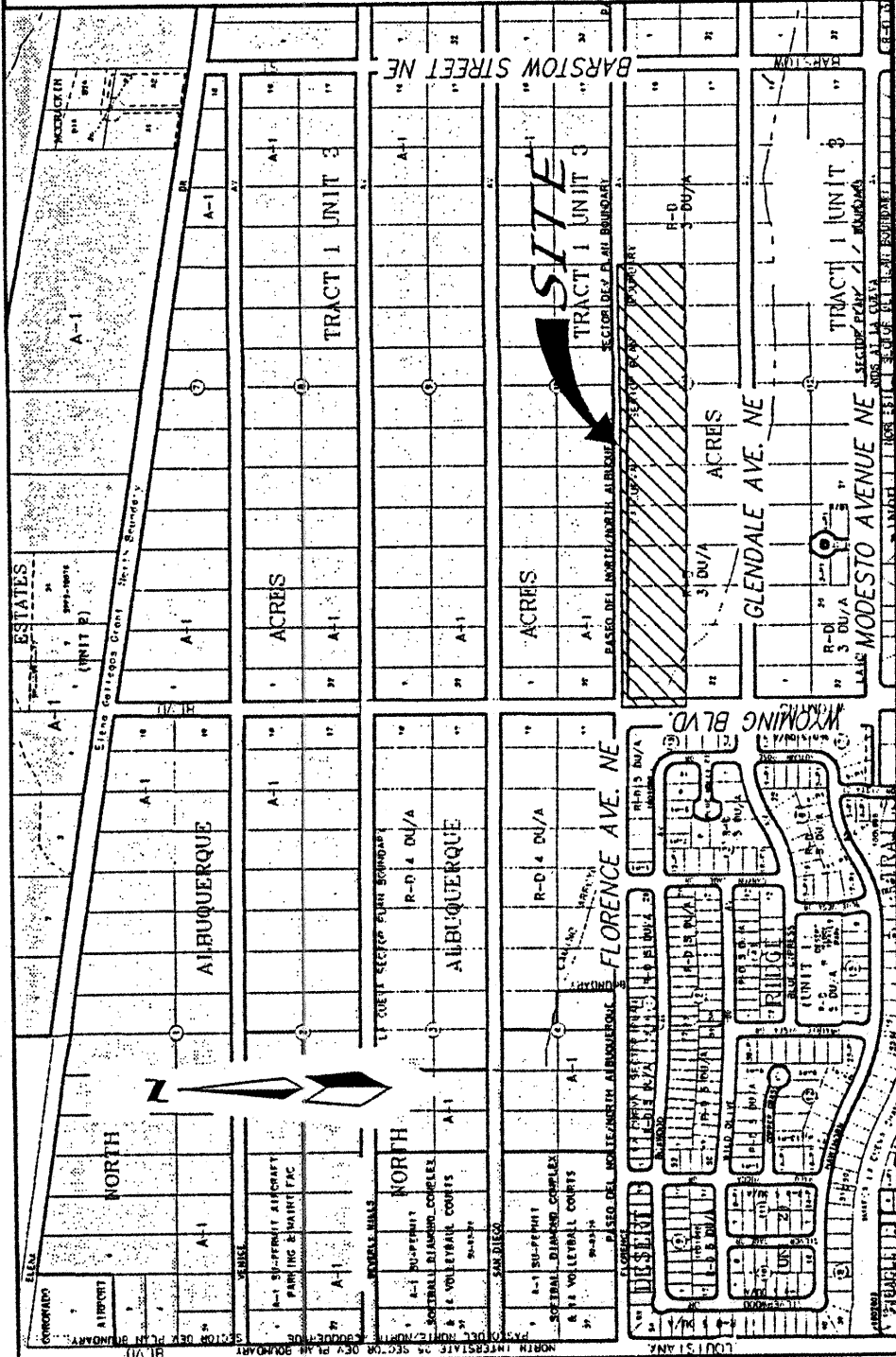


DRB NO

A3045DRTE/PLANS/A3045-COVER/04-29-04/GJK NHE/TAS

PURPOSE OF PLAT

- Subdivide 11 Existing Lots into 33 Residential Lots.
- Grant easements as shown hereon.
- Dedicate Right-of-way as shown hereon.



LOCATION MAP
ZONE ATLAS B-19Z
SCALE: NONE

SUBDIVISION DATA

Gross Acreage..... 11.0190 Ac.
Zone Atlas No..... B-19-Z
No. of Existing Tracts/Lots..... 11 Lots
No. of Tracts/Lots created..... 33 Lots
No. of Tracts/Lots eliminated..... 0
Miles of half width streets created..... 0.39
Street Area dedicated to the City of Albuquerque..... 1.4169 Ac.
Date of Survey..... May, 2002
Utility Control Location System Log Number..... 2003200817
Zoning..... R-D 3 DuAc

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) thereof and said owner(s) and/or proprietor(s) do hereby dedicate portions of Wyoming Boulevard, NE, and Florence Avenue, NE 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: Mesa Verde Development Corporation

BY: Scott Schiabor, President Date

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

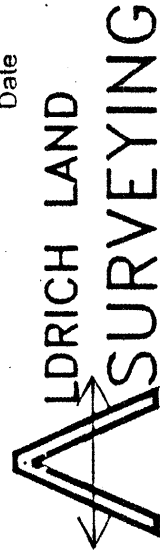
This instrument was acknowledged before me on _____ by Scott Schiabor, President of Mesa Verde Development Corporation on behalf of said corporation.

NOTARY PUBLIC MY COMMISSION EXPIRES

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 subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the minimum standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

Timothy Aldrich P.S. No. 7719

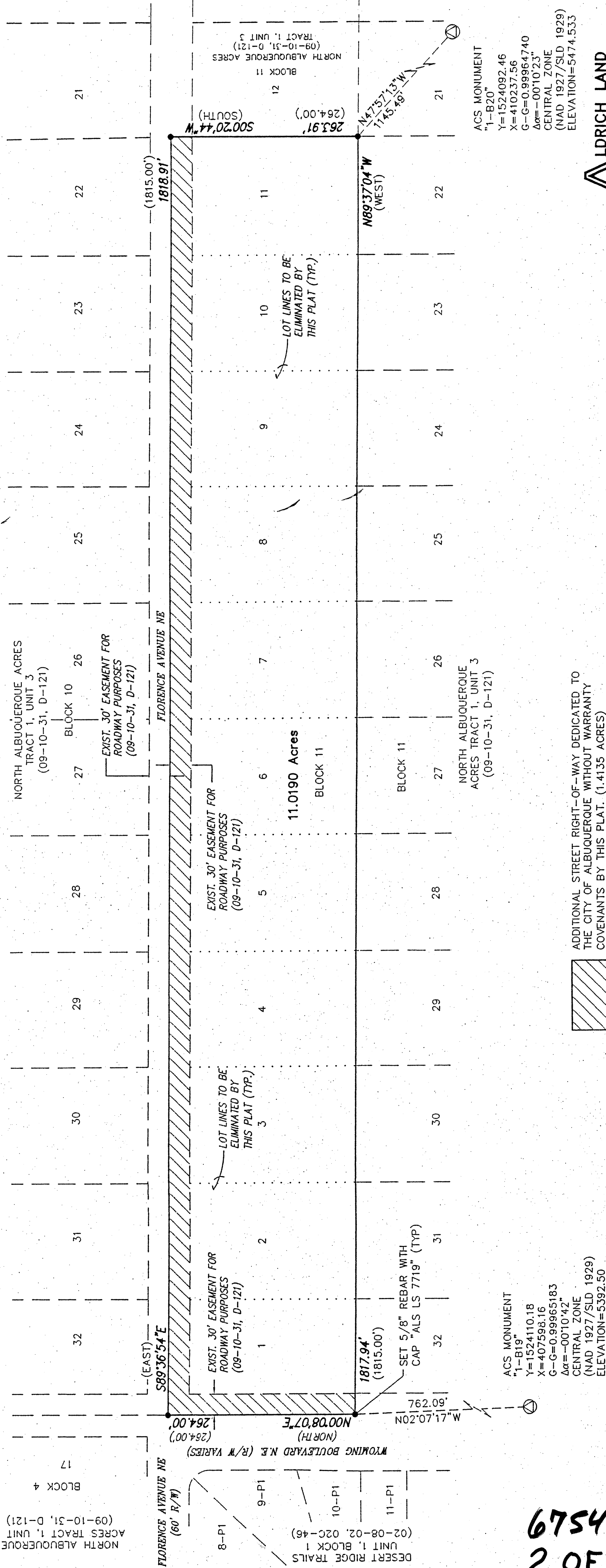
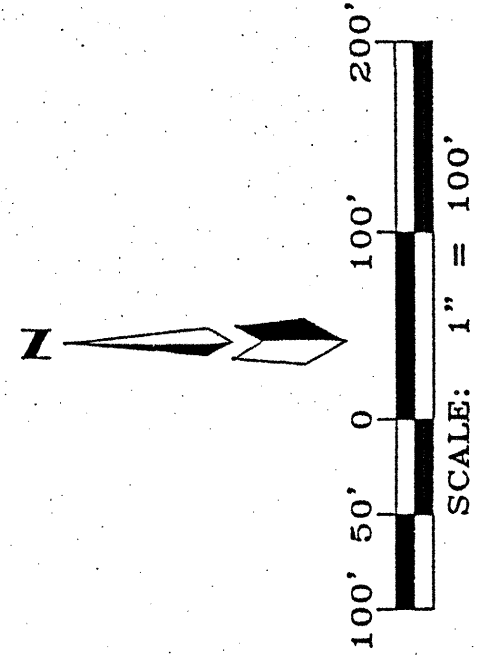


P.O. BOX 30701, ALBU., N.M. 87190
505-884-1990

Dwg: A03045F52.dwg	Drawn: RICHARD	Checked: ALS	Sheet 1 of 4
Scale: N/A	Date: 06/28/04	Job: A03045	

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 1 THRU 11, BLOCK 11, 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 together with a portion of Wyoming Boulevard N.E. and a portion of Florence Avenue N.E. and containing 11.0190 acres more or less.



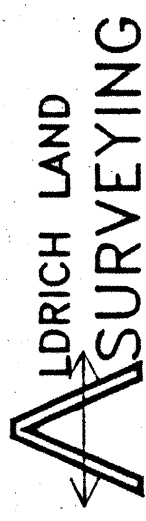
ACS MONUMENT
T=920°
Y=152410.18
X=407588.16
G-G=0.99965183
Δα=-00°10'42"
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5392.50

11.0190 Acres
BLOCK 11
NORTH ALBUQUERQUE
ACRES TRACT 1, UNIT 3
(09-10-31, D-121)

ADDITIONAL STREET RIGHT-OF-WAY DEDICATED TO
THE CITY OF ALBUQUERQUE WITHOUT WARRANTY
COVENANTS BY THIS PLAT: (1.4135 ACRES)

LOT LINES TO BE
ELIMINATED BY
THIS PLAT (TYP.)

ACS MONUMENT
T=920°
Y=1524092.46
X=410237.56
G-G=0.99964740
Δα=-00°10'23"
CENTRAL ZONE
(NAD 1927/SLD 1929)
ELEVATION=5474.533



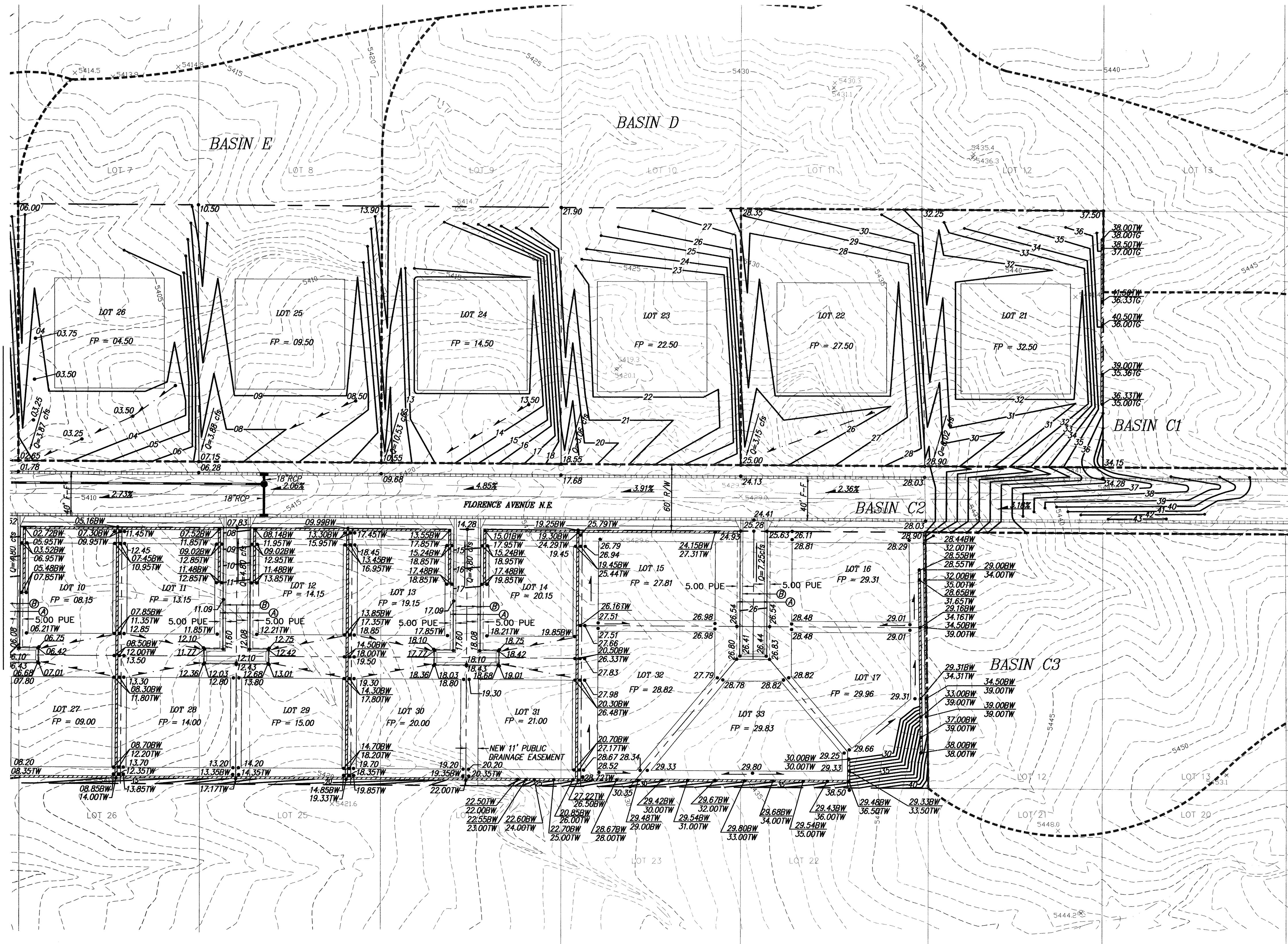
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Scale: 1"=100'	Date: 06/28/04	Job: A03045	

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HP DesignJet 1050C (Mylar).pc3

SCANNED BY
MESA REPRO

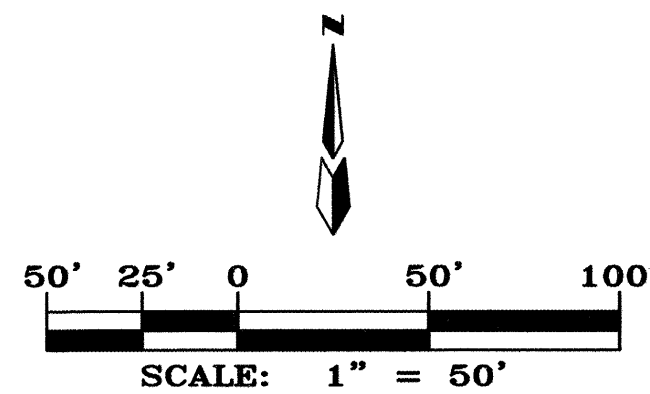
MATCHLINE - SEE SHEET 4



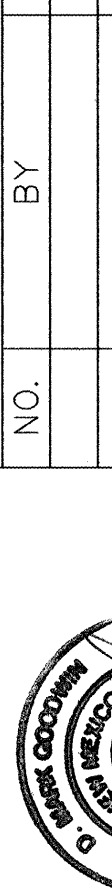
MATCHLINE - SEE SHEET 6

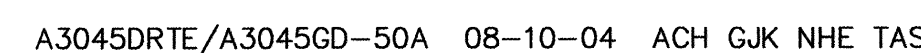
ROW NOTES:

- ① NEW 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
- ② NEW 20' PUBLIC WATER AND SANITARY SEWER EASEMENT.



 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: DESERT RIDGE TRAILS EAST GRADING & DRAINAGE PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
For Information Only	
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.
675484	B-19-Z
SHEET	OF
5	28

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
		FIELD NOTES		STATION MARKS		CONTRACTOR		
		NO.	BY	DATE	WORK INSPECTED BY INSPECTOR'S ACCEPTANCE BY		DATE	
						DRAWINGS PREPARED BY		DATE
						CORRECTED BY		DATE
					MICRO-FILM INFORMATION			
					RECORDED BY		DATE	
					NO.			
					ELEVATION = 5474.510' (SLD 1929)			
					DELTA ALPHA = 01023', CENTRAL ZONE, (MAD 1927)			
					STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED			
					"1-B20", X = 410,237.56, Y = 1,524,092.46, G-G = .99964740			
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					MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT			
					DR. 1.0 MILE TO BARSTOWN ST.; THEN NORTH ON BARSTOWN ST., 1.0			
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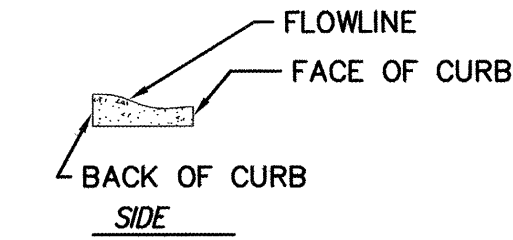
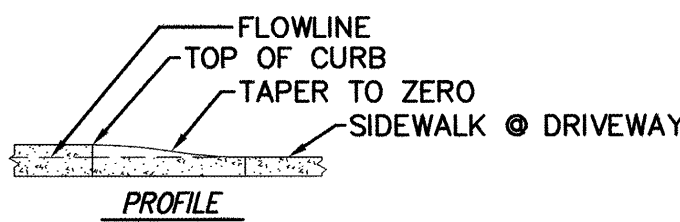


SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES BY	DATE	DESCRIPTION	CONTRACTOR	DATE
			"1-8207" THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ABUQUERQUE, TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOWN ST., THEN NORTH ON BARSTOWN ST., 1.0 MILE TO MODESTO AVE.. THE STA. IS LOCATED IN THE N.E. QUADRANT	WORK DONE BY INSPECTOR'S ACCEPTANCE BY VERIFICATION BY DRAWINGS CORRECTED BY	DATE DATE DATE DATE DATE DATE
			STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-8207" X = 410,237.58, Y = 1,524,082.46, G-6 = .99884740		DATE 8/65
			DELTA ALPHA = 070°23', CENTRAL ANGLE (MAD 1927) ELEVATION = 5474.510' (SLD 1929)	MICRO-FILM INFORMATION	DATE 8/65
				RECORDED BY	DATE
				NO.	

NOTES:
④ NEW 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
⑤ NEW 20' PUBLIC WATER AND SANITARY SEWER EASEMENT.

LEGEND

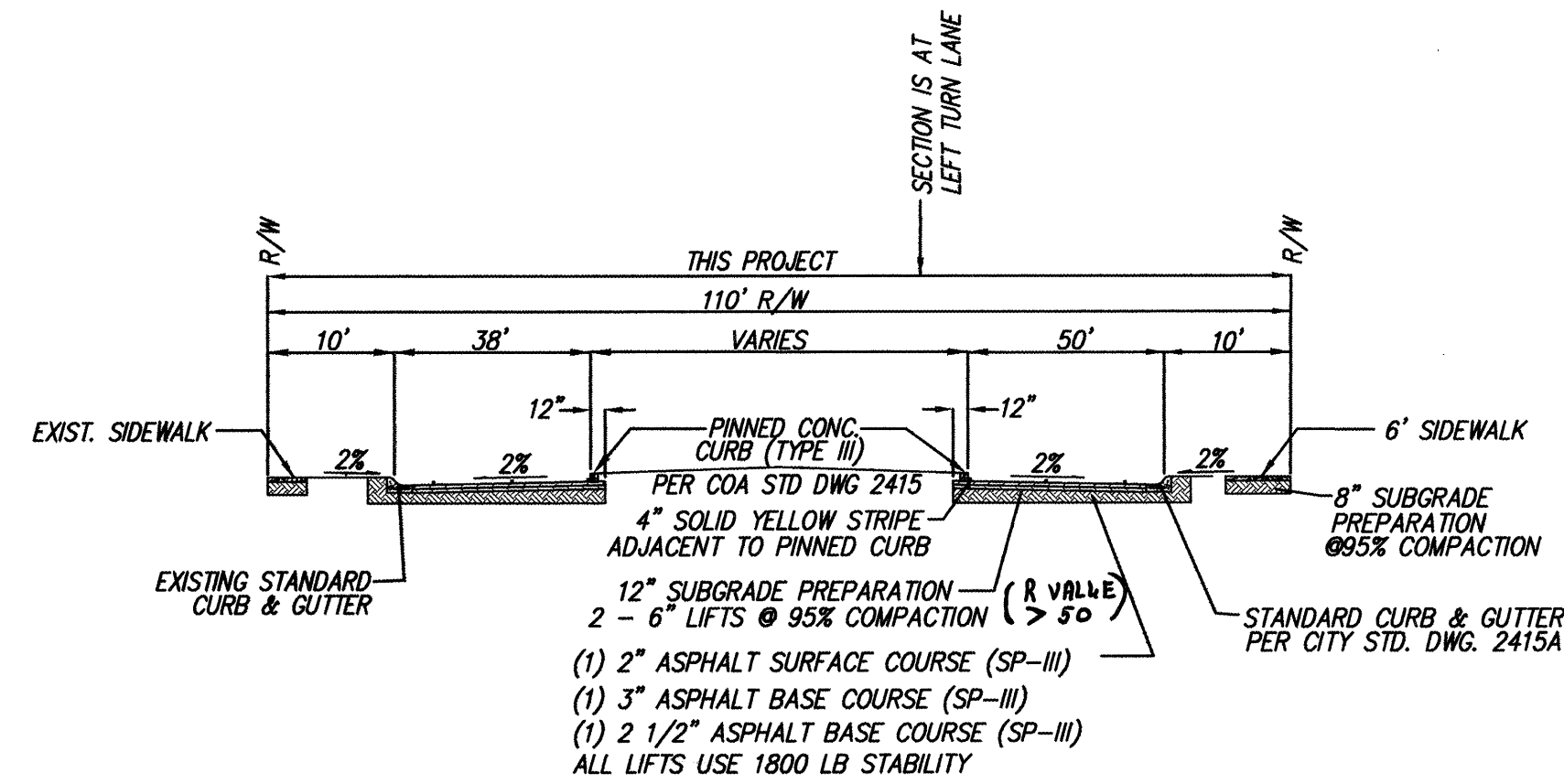
- EXISTING CONCRETE CURB
- EXISTING SIGN
- EXISTING WOOD FENCE
- EXISTING CHAIN LINK FENCE
- EXISTING ELECTRIC TRANSFORMER
- EXISTING TELEPHONE BOX
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SIDEWALK
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- NEW GARDEN WALL
- NEW RETAINING WALL
- NEW STREET LIGHT (3)
- NEW WHEEL CHAIR RAMP



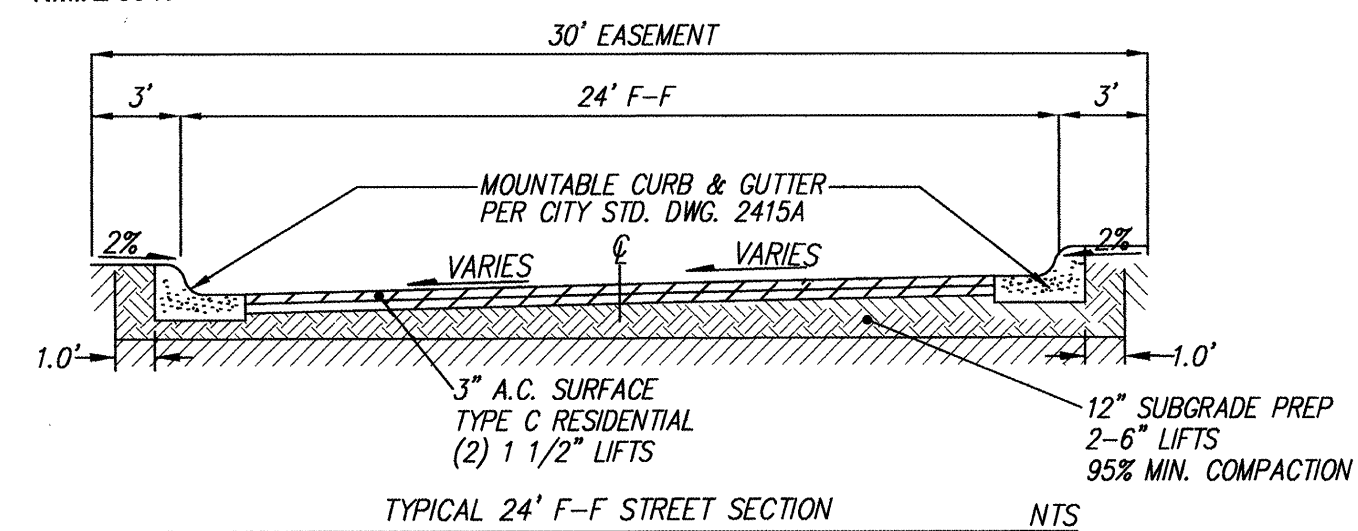
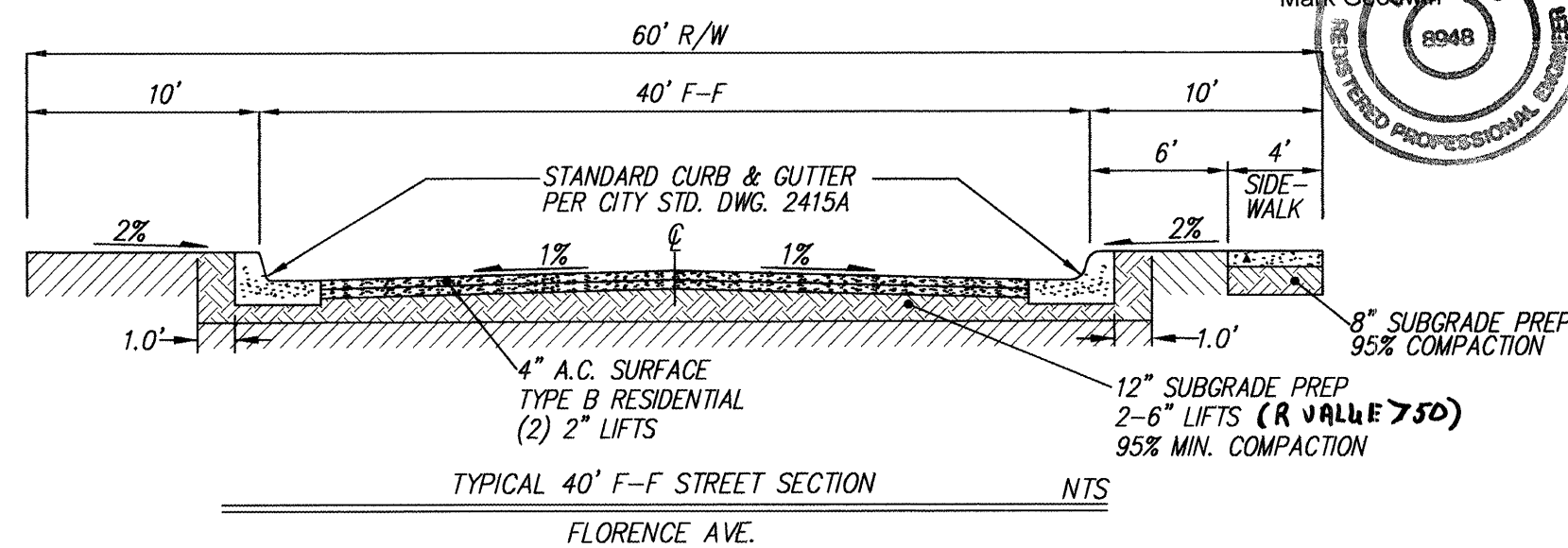
ROLL CURB TRANSITION DETAIL AT DRIVEWAYS
NTS

CONSTRUCTION NOTES

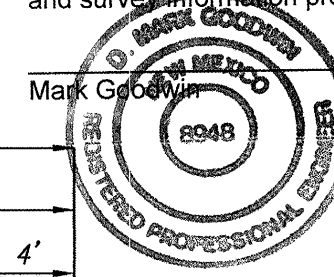
- ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
- ALL 6" VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420.
- ALL HANDICAP RAMPS ARE PER DETAILS ON THIS SHEET, OR COA DETAIL 2426.
- TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10 FEET.
- TRANSITION SECTION FROM FULL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



WYOMING BOULEVARD SECTION A-A (THIS PROJECT)
NOT TO SCALE PER DESERT RIDGE TRAILS NORTH, PROJ. NO. 675483



I, Mark Goodwin, NMPE 8948, 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 A.S. Inc. NMPS number 7719.



Mark Goodwin 8/10/05
NMPE 8948

50' 25' 0' 50' 100'
SCALE: 1" = 50'



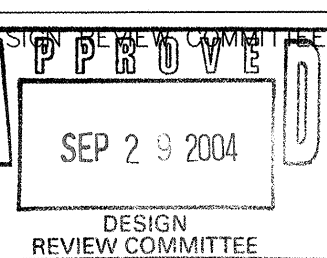
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

DESERT RIDGE TRAILS EAST
MASTER PAVING PLAN



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

ZONE MAP NO.

SHEET

OF

675484

B-19-Z

7 28

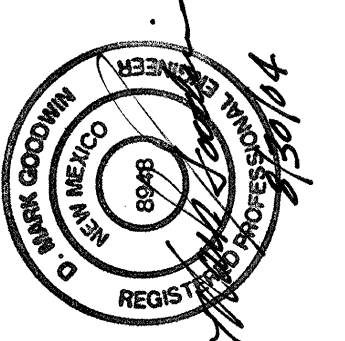
NORTH ALBUQUERQUE ACRES
TRACT 1, UNIT 3
BLOCK 10

NORTH ALBUQUERQUE ACRES
TRACT 1, UNIT 3
BLOCK 11
(09-10-31, D-121)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

MATCHLINE - SEE SHEET 8

BENCH MARKS		SURVEY INFORMATION		AS-BUILT INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE
1-B207		1-B207		1-B207	
THE STATION IS LOCATED 9 MILES N.E. OF DOWNTOWN ALBUQUERQUE, TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST., THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT		CONTRACTOR		CONTRACTOR	
STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED		WORK		WORK	
1-B207 X = 410,237.56, Y = 1,524,092.46, G-C = .99984740		STATIONED BY		STATIONED BY	
DELTA ALPHA = 070°23' CENTRAL ZONE, (NAD 1927)		ACCEPTANCE BY		ACCEPTANCE BY	
ELEVATION = 5474.510' (SLD 1929)		DATE		DATE	
		NO.		NO.	

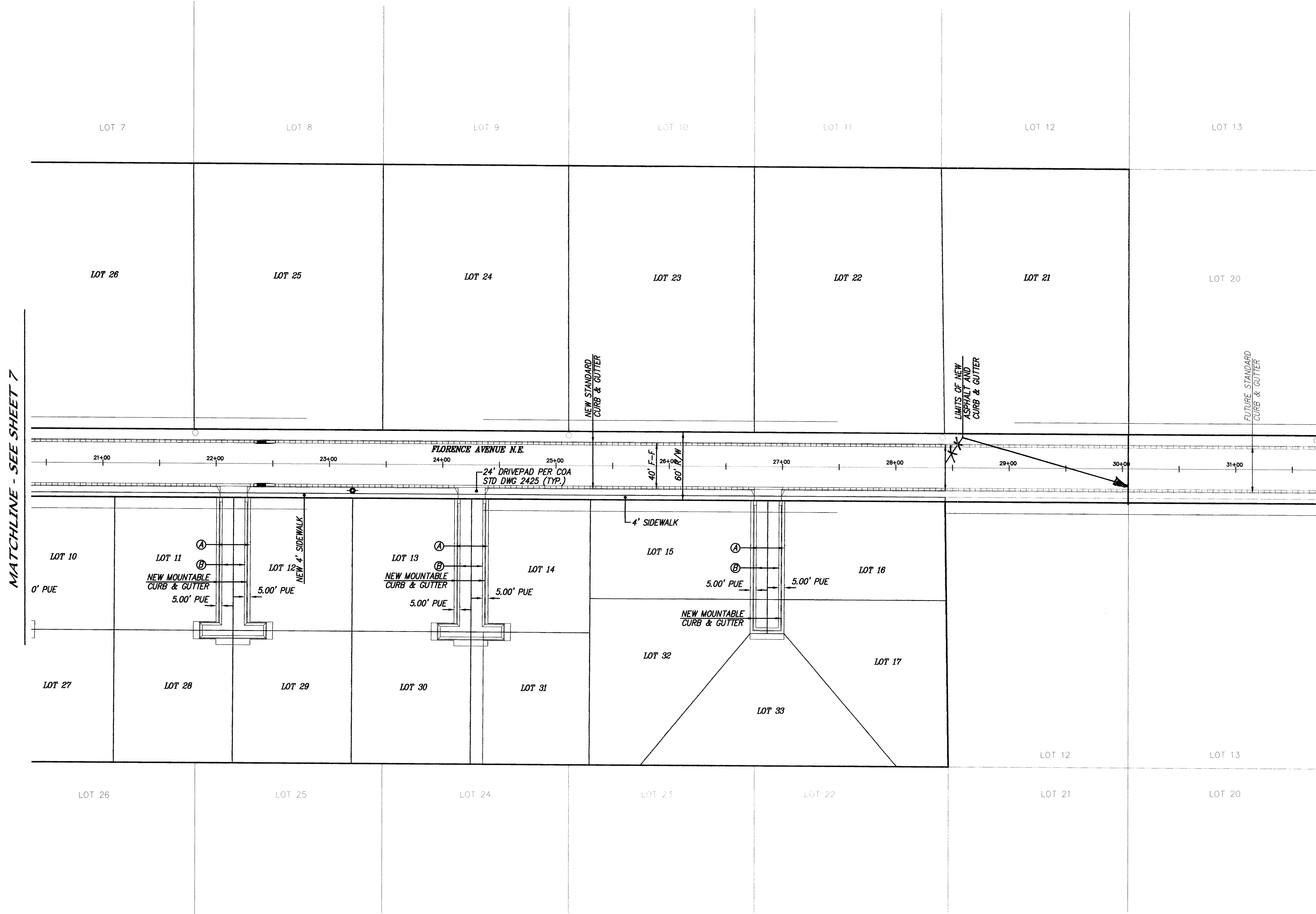


ENGINEER'S SEAL

PLAN: A3045DRTE/PLANS/A3045M-PAV.dwg, 8/30/2004, 8:05:54 AM

SCANNED BY
MESA REPRO

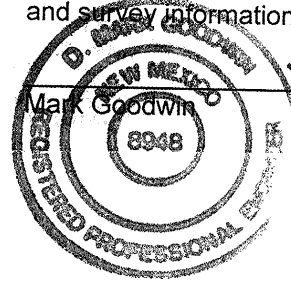
MATCHLINE - SEE SHEET 7

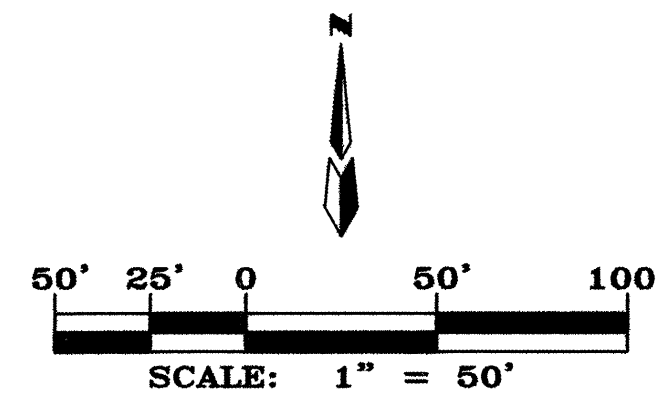


MATCHLINE - SEE SHEET 9

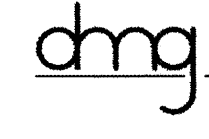
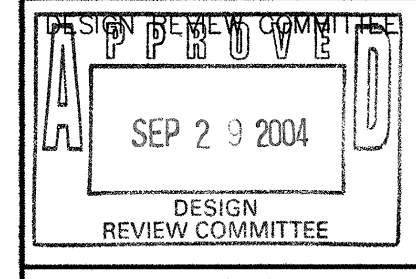
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 AL 87 Inc., NMPS number 7719.

 Mark Goodwin
NMPE 8948

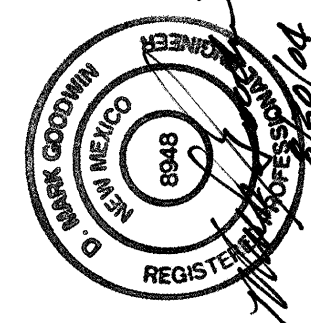


A3045DRTE/PLANS/A3045M-PAV 08-26-04 ACH NHE TAS

 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: DESERT RIDGE TRAILS EAST MASTER PAVING PLAN	
DESIGN REVIEW COMMITTEE  SEP 29 2004 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL LAST DESIGN UPDATE
CITY PROJECT NO. 675484	ZONE MAP NO. B-19-Z
DESIGNED BY GJK DRAWN BY ACH CHECKED BY DMG	REVISIONS DESIGN DATE 08/03 DATE 08/03 DATE 08/03
NO. DATE	BY
1 08/03	DMG
2 08/03	DMG
3 08/03	DMG
4 08/03	DMG
5 08/03	DMG
6 08/03	DMG
7 08/03	DMG
8 08/03	DMG
9 08/03	DMG
10 08/03	DMG
11 08/03	DMG
12 08/03	DMG
13 08/03	DMG
14 08/03	DMG
15 08/03	DMG
16 08/03	DMG
17 08/03	DMG
18 08/03	DMG
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27 08/03	DMG
28 08/03	DMG
29 08/03	DMG
30 08/03	DMG
31 08/03	DMG
32 08/03	DMG
33 08/03	DMG

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	DESCRIPTION	CONTRACTOR	DATE
1	DMG	08/03	1-B20, THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTON ST.; THEN NORTH ON BARSTON ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT	DMG	08/03
2	DMG	08/03	STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED 1-B20, X = 40237.56, Y = 1524.092.46, G-G = 99864.40	DMG	08/03
3	DMG	08/03	DELTA ALPHA = 07023°, CENTRAL ZONE (NAD 1983)	DMG	08/03
4	DMG	08/03	ELEVATION = 5474.510' (SLD 1928)	DMG	08/03

ENGINEER'S SEAL		FIELD NOTES	
NO.	BY	DATE	DESCRIPTION
1	DMG	08/03	1-B20, THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTON ST.; THEN NORTH ON BARSTON ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT
2	DMG	08/03	STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED 1-B20, X = 40237.56, Y = 1524.092.46, G-G = 99864.40
3	DMG	08/03	DELTA ALPHA = 07023°, CENTRAL ZONE (NAD 1983)
4	DMG	08/03	ELEVATION = 5474.510' (SLD 1928)



LOT 14

LOT 15

LOT 16

LOT 19

LOT 18

LOT 17

FUTURE STANDARD CURB & GUTTER

FLORENCE AVENUE N.E.

32+00

33+00

34+00

35+00

36+00

37+00

38+00

38+50.14

FUTURE 80' R/W

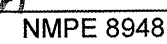
EXISTING 60' R/W

FUTURE 80' R/W

EXISTING 60' R/W

BARSTOW STREET N.E.

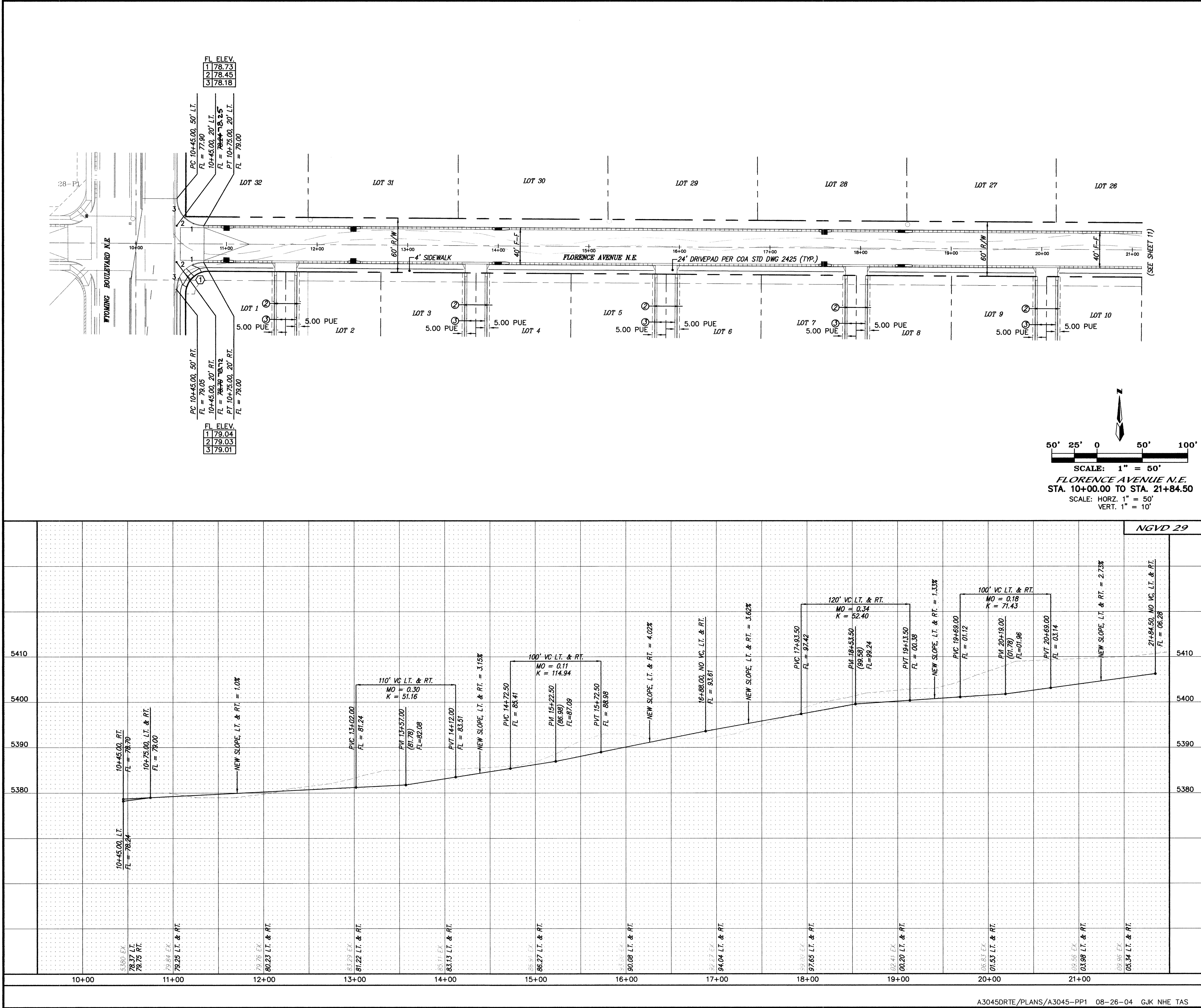
I, Mark Goodwin, NMPE #8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my 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 ALS, Inc., NMPS number 7719.



DESERT RIDGE TRAILS EAST MASTER PAVING PLAN

\\F003\JOBS\3045DRTE\PLANS\A3045-PP1.dwg, 8/20/2004 8:54:07 AM

SCANNED BY
MESA REPRO



NOTES

- 1. ALL STATIONING IS CENTERLINE STATIONING.
- 2. NEW 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
- 3. NEW 20' PUBLIC WATER AND SANITARY SEWER EASEMENT.

CARMELITO LOOP N.E.
CURVE DATA - DESCRIBES FACE OF CURB

① $\Delta = 90^\circ 14' 59''$
 $R = 30.00'$
 $L = 47.25'$
 $T = 30.13'$

ENGINEER'S SEAL

MARK GOODWIN, NMPE 8948

REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **DESERT RIDGE TRAILS EAST
FLORENCE AVENUE NE
PAVING IMPROVEMENTS**

APPROVED
SEP 2 9 2004
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

CITY PROJECT NO. **675484**

ZONE MAP NO. **C-16**

SHEET **10** OF **28**

SURVEY INFORMATION

NO.	BY	DATE
1	BY	DATE

AS BUILT INFORMATION

CONTRACTOR	DATE
Sundana	DATE

BENCH MARKS

ACS MONUMENT	DATE
"10-D18"	DATE

REVISIONS

NO.	DATE	REMARKS
1	DATE	REVISIONS

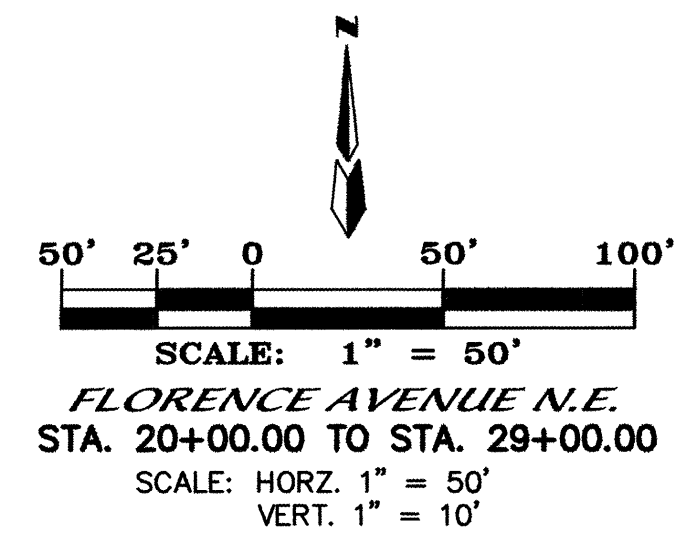
DESIGNED BY **GJK** DATE **07/03**

DRAWN BY **ACH** DATE **07/03**

CHECKED BY **DWG** DATE **07/03**

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify that the plans and specifications for the project described herein have been prepared by me or under my direct supervision, and that the original design intent of the approved plans has been met, except as noted by me on the plans and specifications. This Certification is based on site inspections by me or personnel under my direction, and such information provided by the contractor. NMPE number 17719.



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

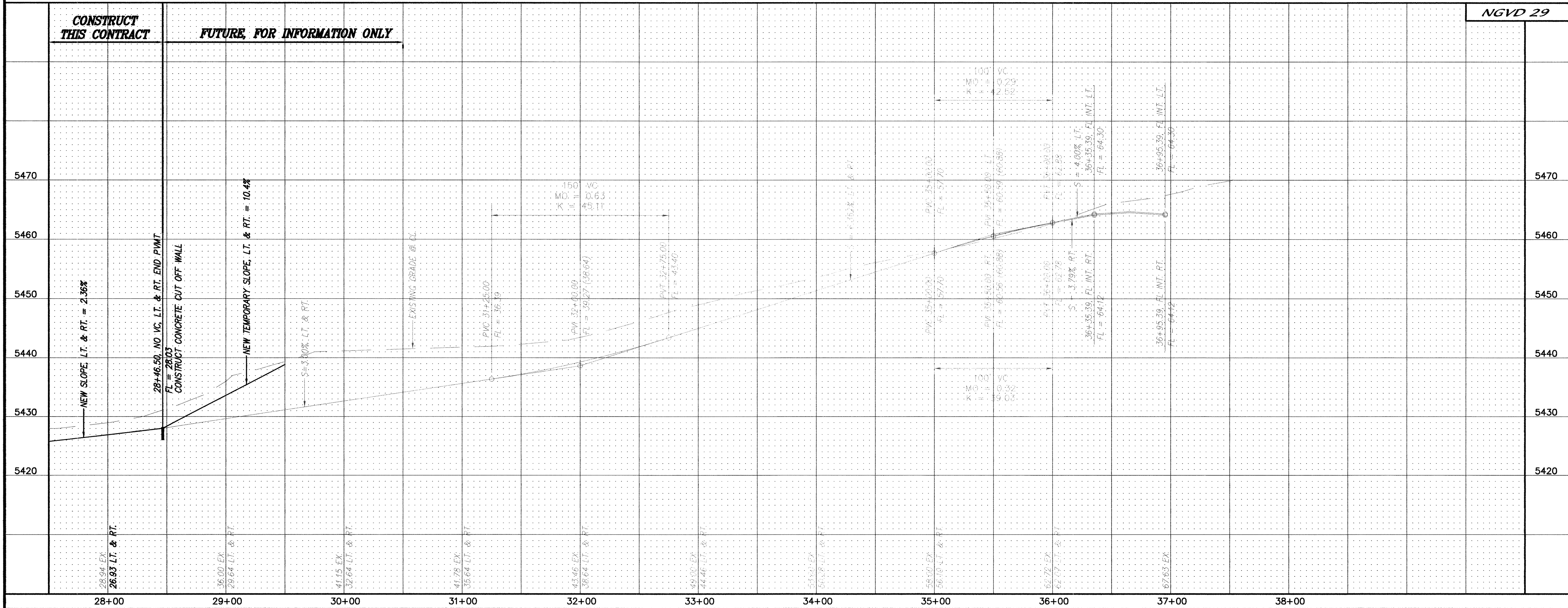
I, Mark Goodwin, NMP# 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of Mexico, do hereby certify, to the best of my knowledge, skill and judgment, that the plans submitted by me or by a qualified person and belief, that have been inspected by me or by a qualified person and belief, that the original design intent of the approved plans and specifications approved by the District Engineer for Substantial Construction Compliance has been substantially followed in the actual construction. This Certification is based on site inspections by me or personnel under my direction, and current information provided by NMP# 7719.

(Signature)

CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
675484	C-16	11 28

ENGINEER'S SEAL			SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
			FIELD NOTES								
			NO.	BY	DATE						
						"1-B20", THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOWN ST.; THEN NORTH ON BARSTOWN ST. 1.0 MILE TO MODESTO AVE.. THE STA. IS LOCATED IN THE N.E. QUADRANT.			CONTRACTOR SUNDANCE WORK STARTED BY AIS FIELD LOCATION BY AIS DATE 8/65		
		BY				STATION MARK IS A STANDARD AIS BRASS TABLET, STAMPED "1-B20", X = 410,237.56, Y = 1,524,092.46, G-G = .99964740			FIELD LOCATION BY AIS DATE 8/65		
		REVISIONS							CORRECTED BY AIS DATE 8/65		
		DESIGN							RECORDED BY MICRO-FILM INFORMATION DATE		
		DESIGNED BY G/K	DATE 07/03						NO.		
		DRAWN BY ACH	DATE 07/03								
		CHECKED BY DWG	DATE 07/03						ELEVATION = 5474.510' (SLD 1929)		

SCANNED BY
MESA REPRO



NOTES
1. ALL STATIONING IS CENTERLINE STATIONING.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS
I, Mark Goodwin, NMPE 8848, 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 the 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 followed in the construction and built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and on information provided by ALS, Inc., NMPE number 7719.

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

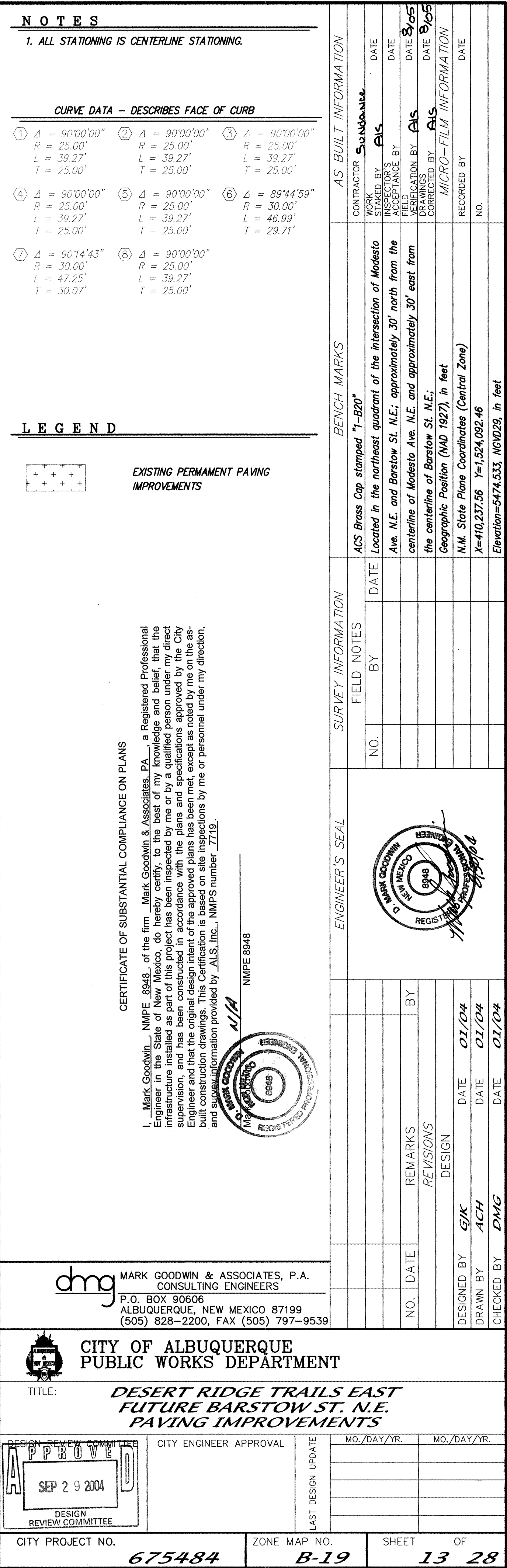
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

TITLE: **DESERT RIDGE TRAILS EAST
FLORENCE AVENUE
PAVING IMPROVEMENTS**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE SEP 29 2004				
DESIGN REVIEW COMMITTEE				

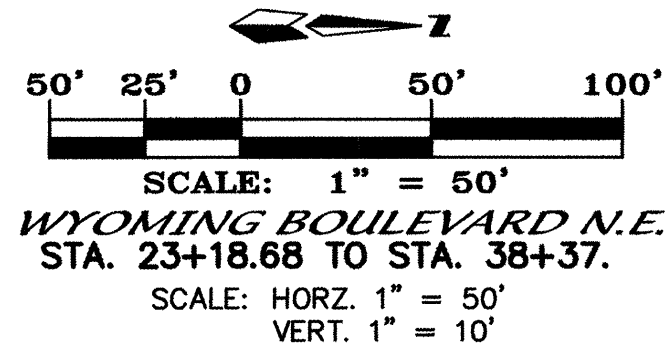
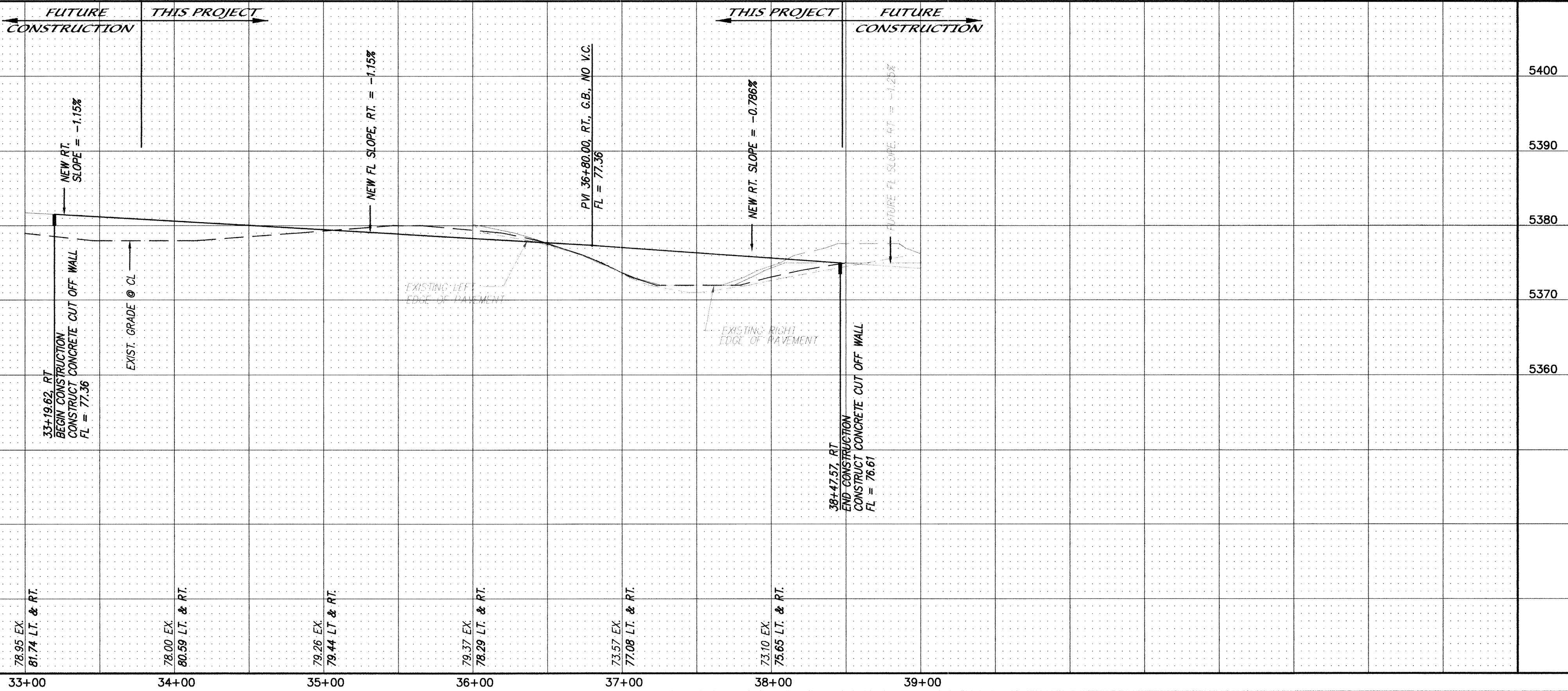
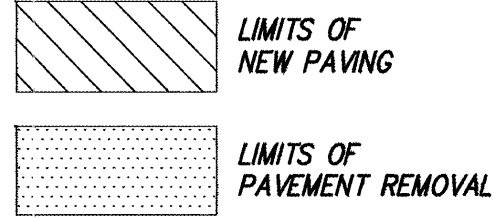
CITY PROJECT NO. **675484** ZONE MAP NO. **B-19** SHEET **12** OF **28**

ENGINEER'S SEAL				SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION							
				FIELD NOTES				"1-B20", THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR. GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST.; THEN NORTH ON BARSTOW ST.; 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-B20". X = 410,237.56, Y = 1,524,092.46, G-G = 99964740 DELTA ALPHA = 070237, CENTRAL ZONE, (NAD 1927) ELEVATION = 5474.51' (SD 1929)				CONTRACTOR				CONTRACTOR			
				BY								WORK				WORK			
				DATE								STATIONED BY				STATIONED BY			
NO. DATE				REMARKS				NO.				NO.							
BY				REVISIONS				INSPECTOR'S				INSPECTOR'S							
DESIGNED BY				DATE				VERIFICATION BY				VERIFICATION BY							
DRAWN BY				DATE				CORRECTED BY				CORRECTED BY							
CHECKED BY				DATE				MICRO-FILM				MICRO-FILM							
NO.				NO.				RECORDED BY				RECORDED BY							



SCANNED BY
MESA REPRO

LEGEND



NOTES

- ALL STATIONING IS CENTERLINE STATIONING.
- WEST SIDE OF MEDIAN CURB IS EXISTING. MATCH ELEVATION AT TIE-IN POINTS.
- CONTRACTOR SHALL COORDINATE WITH THE C.O.A. TRAFFIC OPERATIONS PRIOR TO PERFORMING STRIPING OPERATIONS.
- 30' RADIUS ON WHITE STRIPING.
- R7-9A WITHIN BIKE LANE.
- 4" SOLID YELLOW STRIPE ADJACENT TO PIN CURB

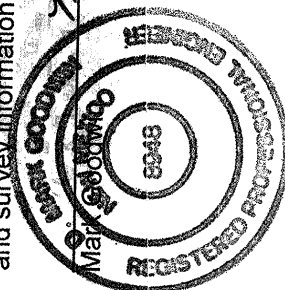
CURVE DATA - DESCRIBES FACE OF NEW CURB

- | | | |
|--|--|---|
| ① $\Delta = 167'53''$
$R = 150.00'$
$T = 21.43'$
$L = 42.57'$ | ② $\Delta = 167'53''$
$R = 150.00'$
$T = 21.43'$
$L = 42.57'$ | ③ $\Delta = 90'15'42''$
$R = 30.00'$
$T = 30.14'$
$L = 47.26'$ |
|--|--|---|

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed and shown on these plans 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 followed in the construction and that the information provided by ALS Inc., NMPE's number 7719, and supplied information provided by ALS Inc., NMPE's number 7719.

NMPE 8948



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: **DESERT RIDGE TRAILS EAST
WYOMING BOULEVARD N.E.
PAVING IMPROVEMENTS**



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

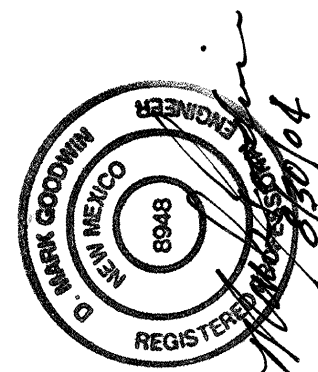
ZONE MAP NO.

SHEET OF

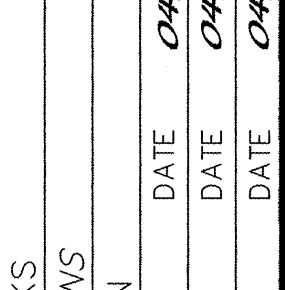
A03J0BS/A03045DRTE/PLANS/A3045-PP7 08-26-04 DER NHE TAS

675484 C-19-Z 14 28

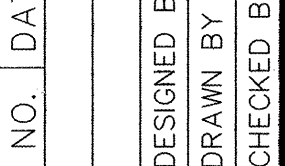
SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
NO.	BY	DATE	NO.	DATE	CONTRACTOR	NO.	DATE	CONTRACTOR
					ALBUQUERQUE TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR. GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST. THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT			ALBUQUERQUE TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR. GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST. THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT
					STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-B20". X = 410,237.56, Y = 1,524,092.46, G-G = 99964740			STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-B20". X = 410,237.56, Y = 1,524,092.46, G-G = 99964740
					DELTA ALPHA = 070237, CENTRAL ZONE (NAD 1983)			DELTA ALPHA = 070237, CENTRAL ZONE (NAD 1983)
					ELEVATION = 5474.510' (SD 1929)			ELEVATION = 5474.510' (SD 1929)



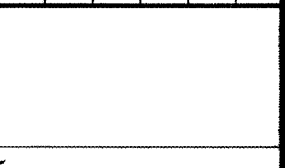
NMPE 8948

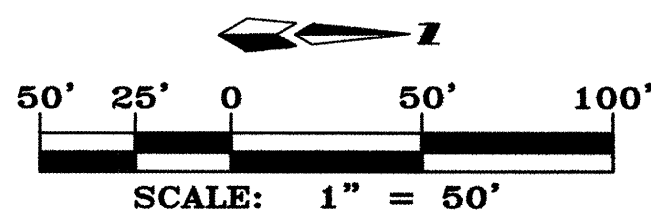
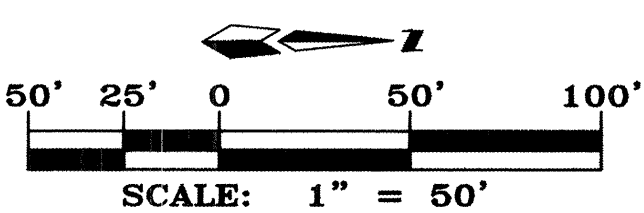
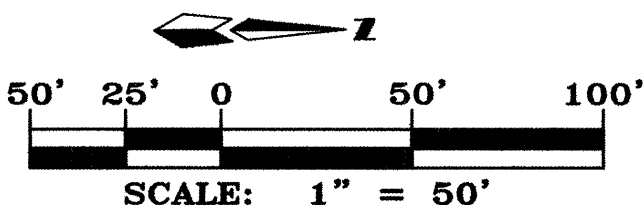


NMPE 8948



NMPE 8948





CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 9948, 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 direct supervision and that the project has been constructed in accordance with the plans and specifications approved by the City Engineer and that the project is in substantial compliance with the approved plans. The City Engineer and the City Engineer's seal and signature on the approved plans has been met, except as noted by me on the as-built construction drawings. This is in compliance with the provisions of the City Engineer's seal and survey information provided by ALS, INC., NMES, on site inspections by me or personnel under my direction.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

3/10/05
NMPE 8948

NMPPF 8948

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: ***DESERT RIDGE TRAILS EAST
STREETS "A", "B" & "C"
PAVING IMPROVEMENTS***

DESIGN REVIEW COMMITTEE

APPROVED

SEP 29 2004

DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

FAST DESIGN UPDATE

10. /

AY/

10

MC

'DA'

YR.

CITY PROJECT NO.

ZONE MAP NO

SHEET OF

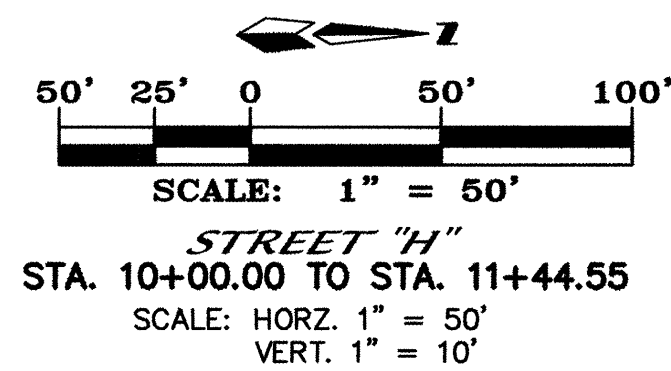
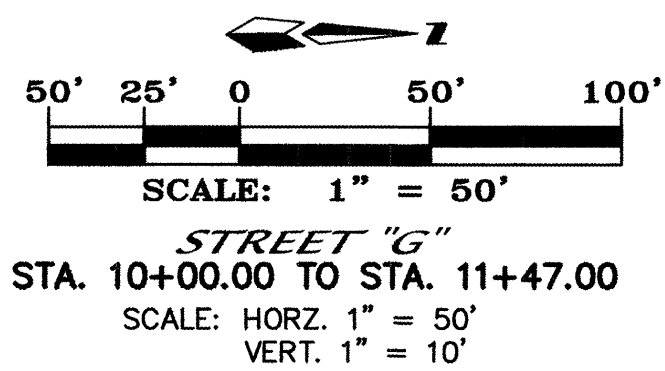
A3045DRTE/PLANS/A3045-PP4 08-26-04 ACH NHE DER TAS

675484

ZONE MAP NO.

SHEET OF

15



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMFE #9848, do hereby certify, to the best of my knowledge and belief that I am a Registered Professional Engineer in the State of New Mexico, do herewith certify, to the best of my knowledge and belief that the project described herein was installed as it has been inspected by me or by a qualified person under my direct supervision and that original design information was in accordance with the plans and specifications approved by the City Engineer and that the construction of this project has been completed in accordance with the plans and specifications approved by the City Engineer and that no substantial changes have been made to the original design information since it was last reviewed by me on the above referenced drawings. This Certification is based on site inspections by me or personnel under my direction, and does not constitute an inspection provided by AISC-Arc. NMFS number: 7719.

I, Mark Goodwin, NMPE #9348, of the firm Mark Goodwin Engineering, Inc. of the State of New Mexico, hereby certify, to the satisfaction of the State of New Mexico, that the infrastructure installed as part of this project has been inspected, supervised, and has been constructed in accordance with the NMPE Engineer and that the original design intent of the approved project has been followed. This Certification is based on the project's built construction drawings. This Certification is approved on site and shall be in full compliance with the NMPE number 3100105 and shall be in full compliance with the NMPE number 3100105 NMPE 9348

 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:

*DESERT RIDGE TRAILS EAST
STREETS "G" & "H"
PAVING IMPROVEMENTS*

DESIGN REVIEW COMMITTEE

A P P R O V E D

SEP 29 2004

DESIGN
REVIEW COMMITTEE

CITY PROJECT NO

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

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

[illegible]

SURVEY INFORMATION			BENCH MARKS	AS-BUILT INFORMATION		
	FIELD NOTES			CONTRACTOR	<u>SOUNDANCE</u>	
NO.	BY	DATE		STARTED BY	INSPECTOR'S ACCEPTANCE BY	DATE
			"1-B20", THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN LOUISIANA BLVD. AND LOS ANGELES DR. GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST.; THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE.. THE STA. IS LOCATED IN THE N.E. QUADRANT		<u>AIS</u>	DATE
			STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "1-B20". X = 410,237.86; Y = 1,324,082.46; G-G = .99964740		<u>AIS</u>	DATE
			DELTA ALPHA = 0°10'23". CENTRAL ZONE. (MAD 1927)		<u>MICRO-FILM</u>	INFORMATION
				RECORDED BY		DATE
				NO.		

BENCH MARKS	AS BUILT INFORMATION
"1"-B207, THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR. GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST.; THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT	CONTRACTOR <u>Sundance</u> STARTED BY <u>AIS</u> INSPECTOR'S ACCEPTANCE BY VERIFICATION BY <u>AIS</u> DRAWINGS BY <u>AIS</u> DATE <u>8/20/80</u>
STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED	DATE <u>8/20/80</u>
"1"-B207, X = 410,237.56, Y = 1,524,092.46, G-G = .98964740	DATE <u>8/20/80</u>
DELTA ALPHA = 070237, CENTRAL ZONE, (MAD 1927)	RECORDED BY NO.

[illegible]

A3045DRTE/PLANS/A3045-PP6 08-26-04 ACH NHE DER TAS

CITY PROJECT NO

ZONE MAP NO.

675484

B-19-Z

SHEET OF

17 28

SCANNED BY
MESA REPRO

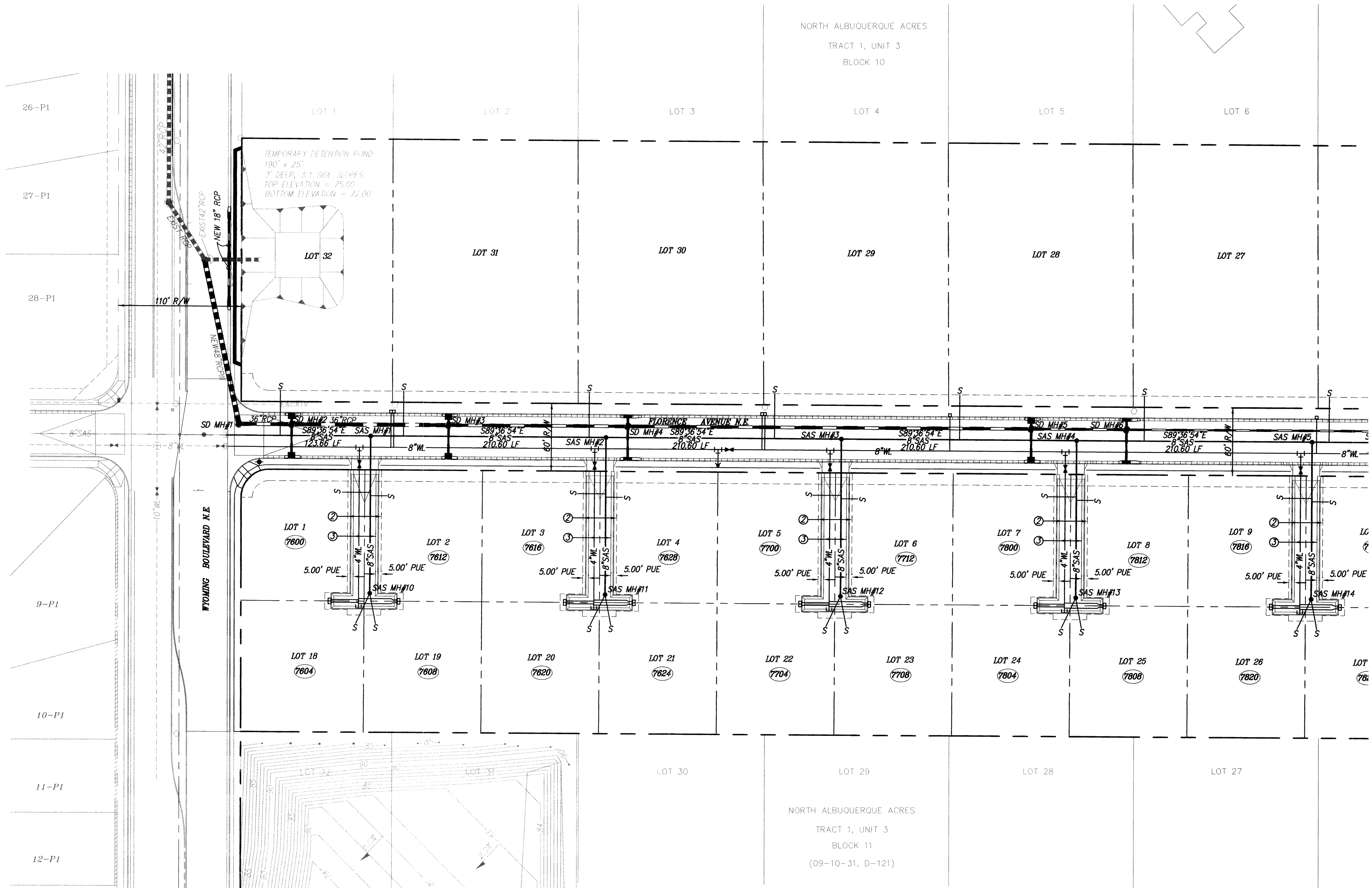
RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
10"	-	11'	5'	3'	72'

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'

LEGEND

- EXISTING CONCRETE CURB
- - - EXISTING SIGN
- - - EXISTING WOOD FENCE
- - - EXISTING CHAIN LINK FENCE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING ELECTRIC TRANSFORMER
- EXISTING TELEPHONE BOX
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SIDEWALK
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- NEW GARDEN WALL
- NEW RETAINING WALL
- NEW STORM DRAIN
- 8" WL --- NEW WATERLINE
- 8" W --- NEW WATER METERS
- 8" T --- NEW TEE
- 8" V --- NEW WATER VALVE
- 8" S --- NEW FIRE HYDRANT
- 8" SAS --- NEW SAS LINE
- NEW SAS MH
- NEW SAS SERVICES
- NEW STREET LIGHT



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 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 ALS, Inc., NMPS number 7719.

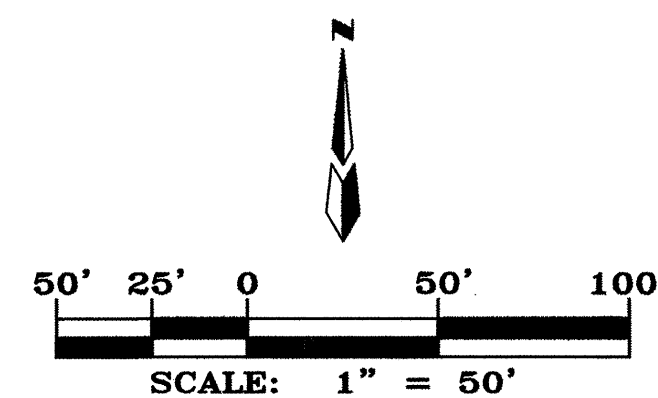


Mark Goodwin 8/10/05
NMPE 8948

NOTES

- ELECTRONIC MARKER DISC (EMD) SHALL BE PLACED AS SPECIFIED IN DPM SECTION 170.
- 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
- 20' PUBLIC WATER AND SEWER EASEMENT.

APD PLANS CHECKING OFFICE
924-3611
APPROVED/DISAPPROVED
HYDRANT(S) ONLY
R.C. Jones 8-30-04
SIGNATURE & DATE



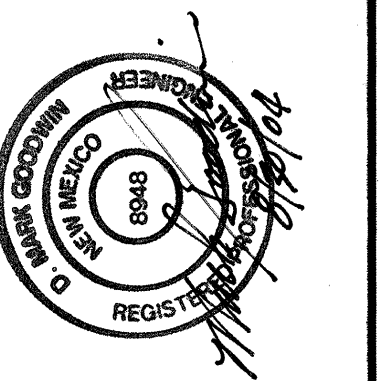
A3045DRTE/PLANS/A3045M-UT 08-26-04 ACH DER TAS

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, SHUT OFF ADJACENT 8" VALVE.
- FOR NORTHERN NON-PRESSURE CONNECTION AT BARSTOW, SHUT OFF ADJACENT 12" VALVE.

MATCHLINE - SEE SHEET 19

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Substance	DATE	DATE	FIELD NOTES	NO.	NO.	DATE
WORK STAGED BY	ALS	DATE	DATE	BY	DATE	REMARKS	BY
ACCEPTANCE BY	ALS	DATE	DATE	NO.	DATE	REVISIONS	DATE
FIELD DRAWINGS	ALS	DATE	DATE	DESIGN	DATE	DESIGN	DATE
CORRECTED BY	ALS	DATE	DATE	CHECKED BY	DATE	CHECKED BY	DATE
RECORDED BY	NO.	DATE	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE
MICRO-FILM INFORMATION	NO.	DATE	DATE	DRAWN BY	DATE	DRAWN BY	DATE
				CHECKED BY	DATE	CHECKED BY	DATE



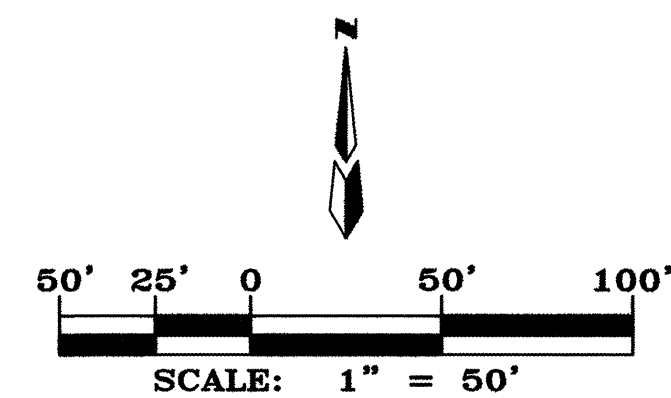
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 30606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **DESERT RIDGE TRAILS EAST MASTER UTILITY PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED SEP 2 9 2004 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
675484	B-19-Z	18	28

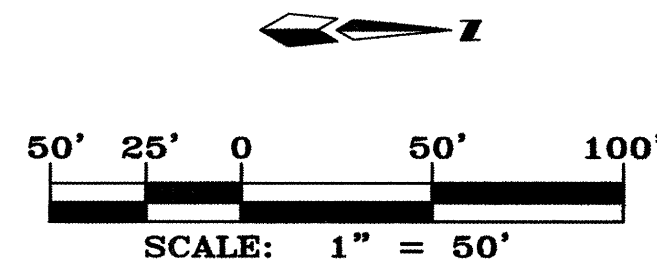
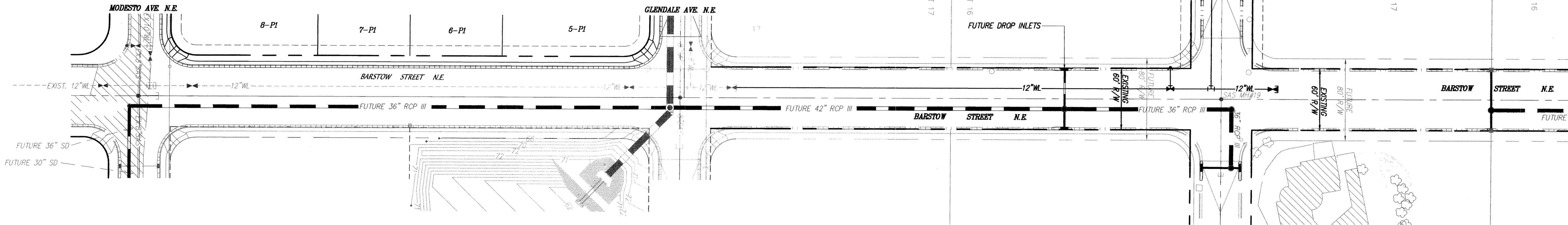


NOTES

- ①. ELECTRONIC MARKER DISC (EMD) SHALL BE PLACED AS SPECIFIED IN DPM SECTION 170.
- ②. 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
20' PUBLIC WATER AND SEWER EASEMENT.

		MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS		DATE	DESIGNED BY	DRAWN BY	CHECKED BY
		P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539					
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT TITLE: <i>DESERT RIDGE TRAILS EAST</i> <i>MASTER UTILITY PLAN</i>							
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.	
APPROVED SEP 2 9 2004 DESIGN REVIEW COMMITTEE							
CITY PROJECT NO.		ZONE MAP NO.		SHEET		OF	
675484		B-19-Z		19		28	

SCANNED BY
MESA REPRO



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 A.L.S. Inc., NMPS number 7719.

Mark Goodwin
Mark Goodwin
NMPE 8948

NOTES

1. ELECTRONIC MARKER DISC (EMD) SHALL BE PLACED AS SPECIFIED IN DPM SECTION 170.

MATCHLINE - SEE SHEET 19

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	NO.	CONTRACTOR	DATE
				WORK BY	DATE
				INSPECTOR'S	DATE
				ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS	DATE
				REVISIONS	DATE
				RECORDED BY	DATE
				NO.	DATE

ENGINEER'S SEAL		REVISIONS	
		NO.	DATE
		BY	DATE
		REMARKS	DATE
		DESIGN	DATE
DESIGNED BY		CHK	08/03
DRAWN BY		ACH	08/03
CHECKED BY		DMG	08/03

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

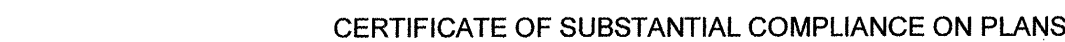
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **DESERT RIDGE TRAILS EAST**
MASTER UTILITY PLAN

APPROVED
SEP 29 2004
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. **675484** ZONE MAP NO. **B-19-Z** SHEET **20** OF **28**



I, Mark Goodwin, NMPE #8948, 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 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 ALS, Inc., NMPS number 7719.



Mark Jordan 8/2/05
NMPE 8948

NOTES

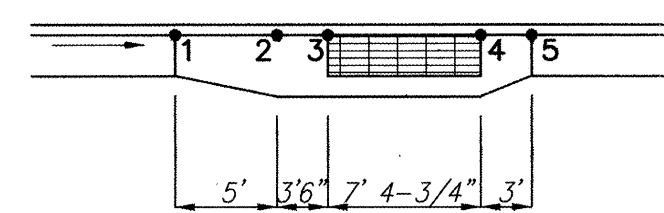
① ALL STATIONING IS CENTERLINE STATIONING.

② NEW 30' PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.

③ NEW 20' PUBLIC WATER AND SANITARY SEWER EASEMENT.

INV. ELEV.	BLOCK	LOT	STATION AT PUE	INV. AT ELEV. PUE.	LENGTH AT PUE
94.95	10	26	20+25.29	XXXX	40.00'
94.82	10	27	18+71.73	XXXX	40.00'
88.90	10	28	16+96.07	XXXX	40.00'
82.32	10	29	55+30.96	XXXX	40.00'
77.05	10	30	3+65.55	XXXX	40.00'
71.87	10	31	11+89.87	XXXX	40.00'
65.15	10	32	10+89.76	XXXX	40.00'

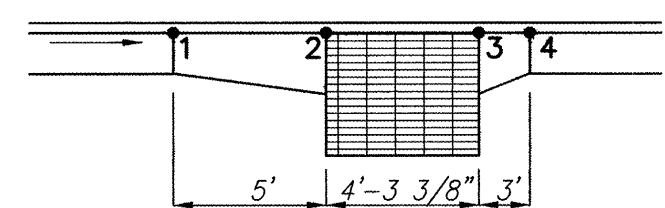
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CB #3	99.32	99.15	99.09	98.99	99.22
CB #4	99.32	99.15	99.09	98.99	99.22
CB #7	83.48	83.32	83.26	83.04	83.27
CB #8	83.48	83.32	83.26	83.04	83.27



DROP INLET

N.T.S.

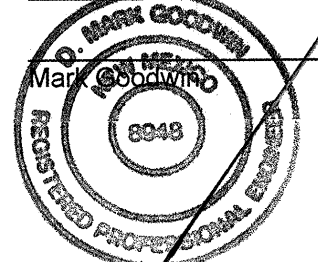
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CB #5	96.51	96.28	96.12	96.35
CB #6	96.51	96.28	96.12	96.35
CB #9	80.68	80.45	80.41	80.60
CB #10	80.68	80.45	80.41	80.60
CB #11	79.28	79.11	79.07	79.20
CB #12	79.28	79.11	79.07	79.20



DROP INLET DETAIL	SGL "B"
N.T.S.	/

~~CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS~~

I, Marc Goodwin, NMPE #8948, of the firm Marc 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 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 applicant has been followed, 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, Inc., NMPS number 7719.



NMPE 8948



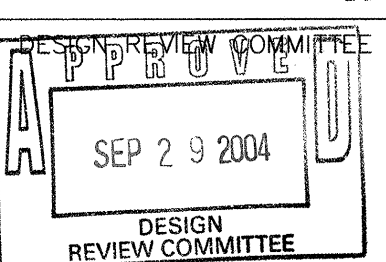
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS

P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-953



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **DESERT RIDGE TRAILS EAST
FLORENCE AVENUE NE
UTILITY IMPROVEMENTS**



CITY ENGINEER APPROVAL

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

CITY PROJECT NO. _____

3	
ZONE MAP NO.	

0	SHEET	OF
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CITY PROJECT NO.

ZONE MAP NO.
C-16

76 SHEET 27 OF 28

A3045DRTE/PLANS/A3045UP-1 08-27-04 GJK ACH DER NHE TAS

CITY PROJECT NO.

ZONE MAP NO.
C-16

76 SHEET 27 OF 28

SCANNED BY
MESA REPRO

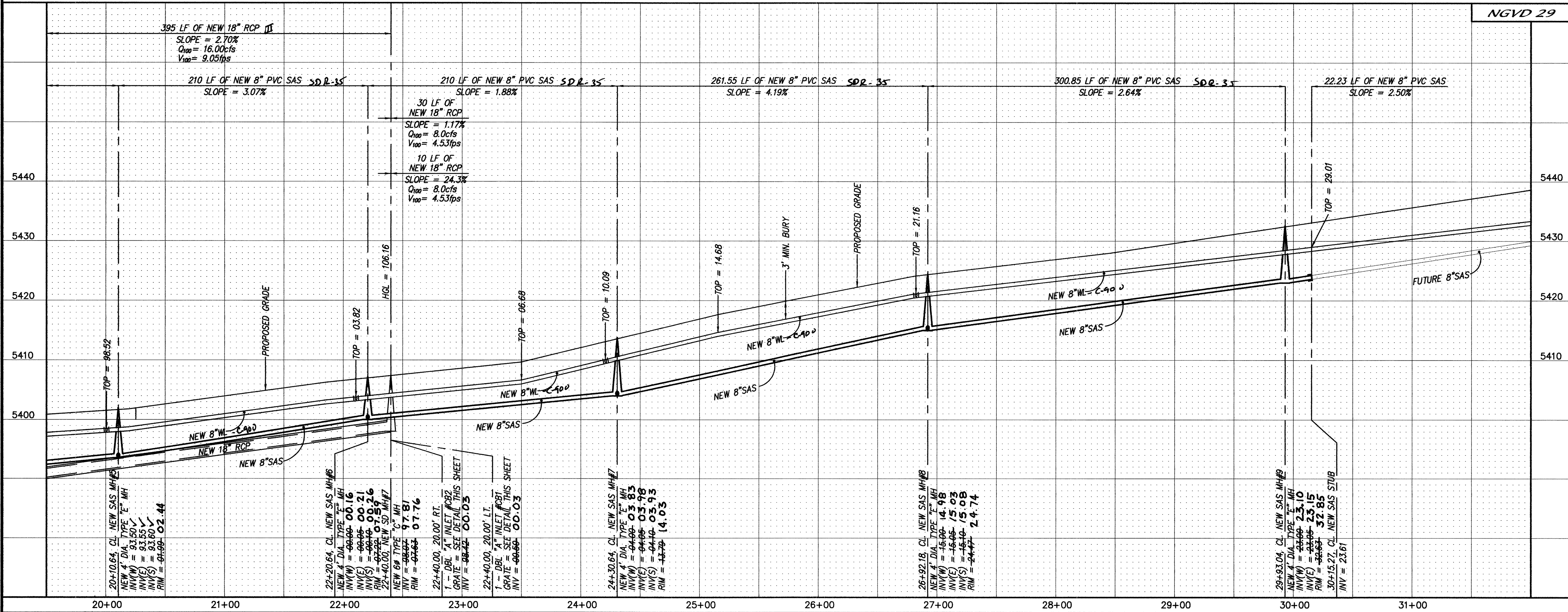
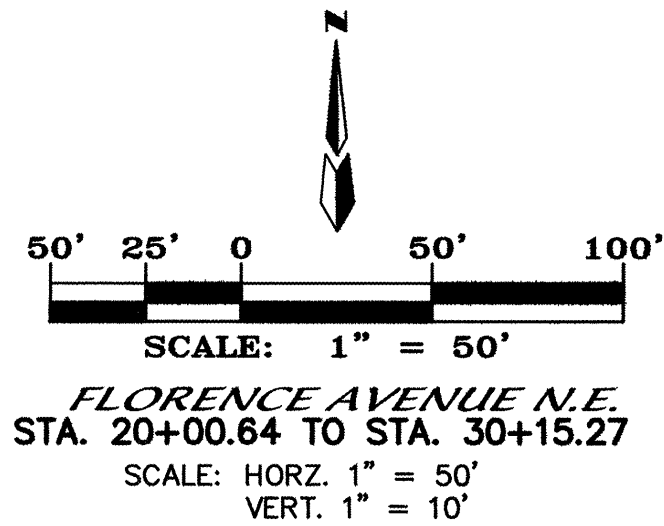
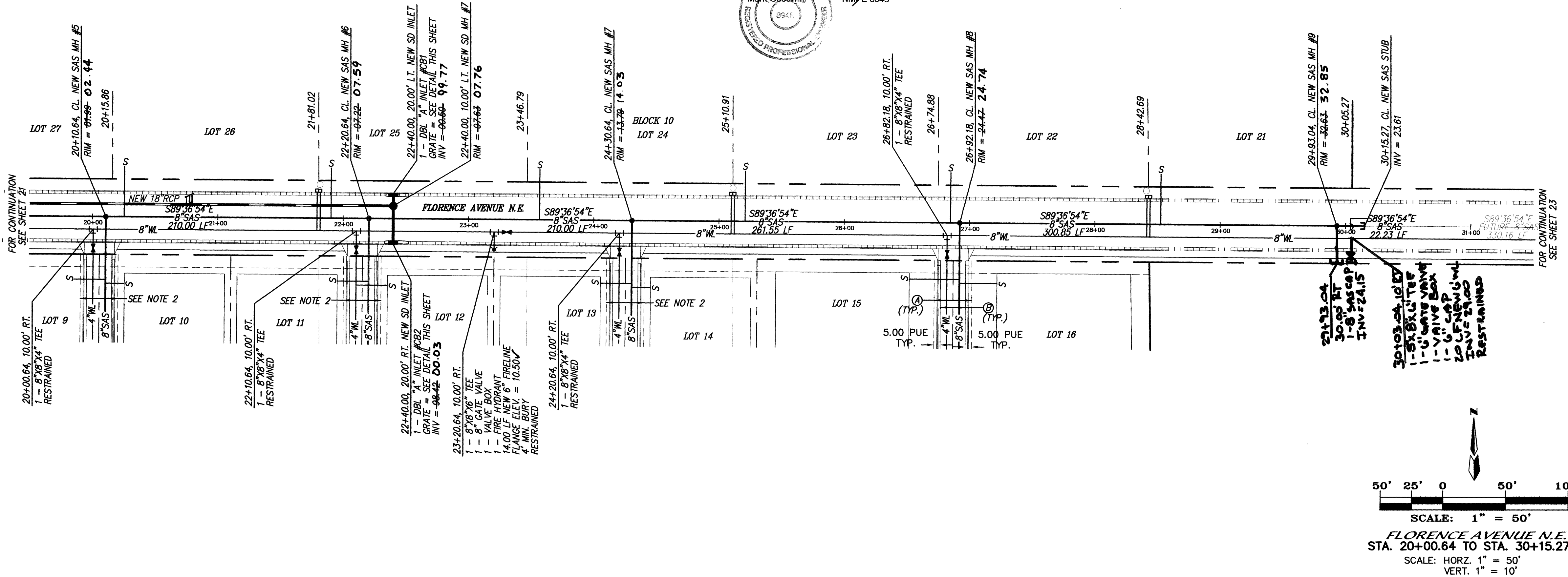
F:\AL03\DR03\A3045UP-2.dwg, 8/20/2004 3:05:02 AM

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 A.S. Inc., NMPS number 7719.



Mark Goodwin
NMPE 8948
9/2/05



NOTES

- ALL STATIONING IS CENTERLINE STATIONING.
- NEW 30" PRIVATE ACCESS AND PUBLIC DRAINAGE EASEMENT.
- NEW 20" PUBLIC WATER AND SANITARY SEWER EASEMENT.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
10	21	28+52.51	5423.2	40.00'
10	22	26+84.83	5419.2	40.00'
10	23	25+20.85	5412.8	40.00'
10	24	23+56.75	5405.0	40.00'
10	25	21+90.33	5401.4	40.00'
10	26	20+25.29	5396.9	40.00'

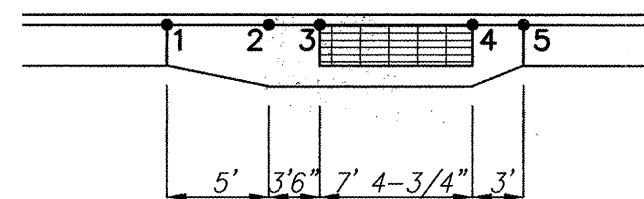
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 A.S. Inc., NMPS number 7719.



NMPE 8948

	1	2	3	4	5
CB #1	07.64	07.47	07.41	07.28	07.45
CB #2	07.64	07.47	07.41	07.28	07.45



DROP INLET DETAIL DBL "A"
N.T.S.

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: DESERT RIDGE TRAILS EAST
FLORENCE AVENUE NE
UTILITY IMPROVEMENTS



CITY ENGINEER APPROVAL

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

DESIGN REVIEW COMMITTEE

LAST DESIGN UPDATE

CITY PROJECT NO.

ZONE MAP NO.

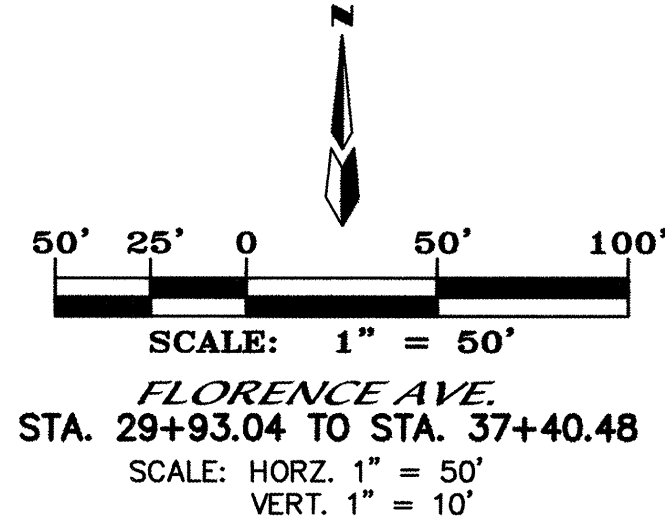
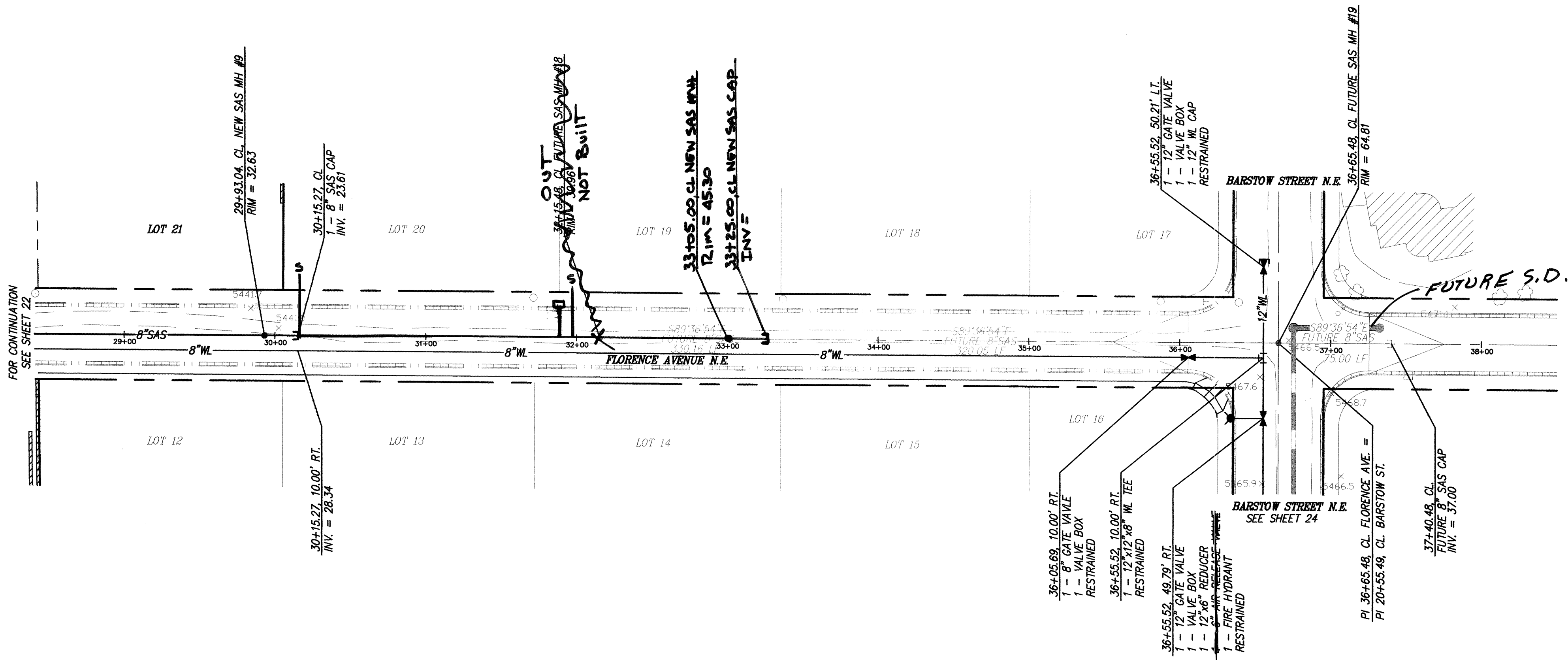
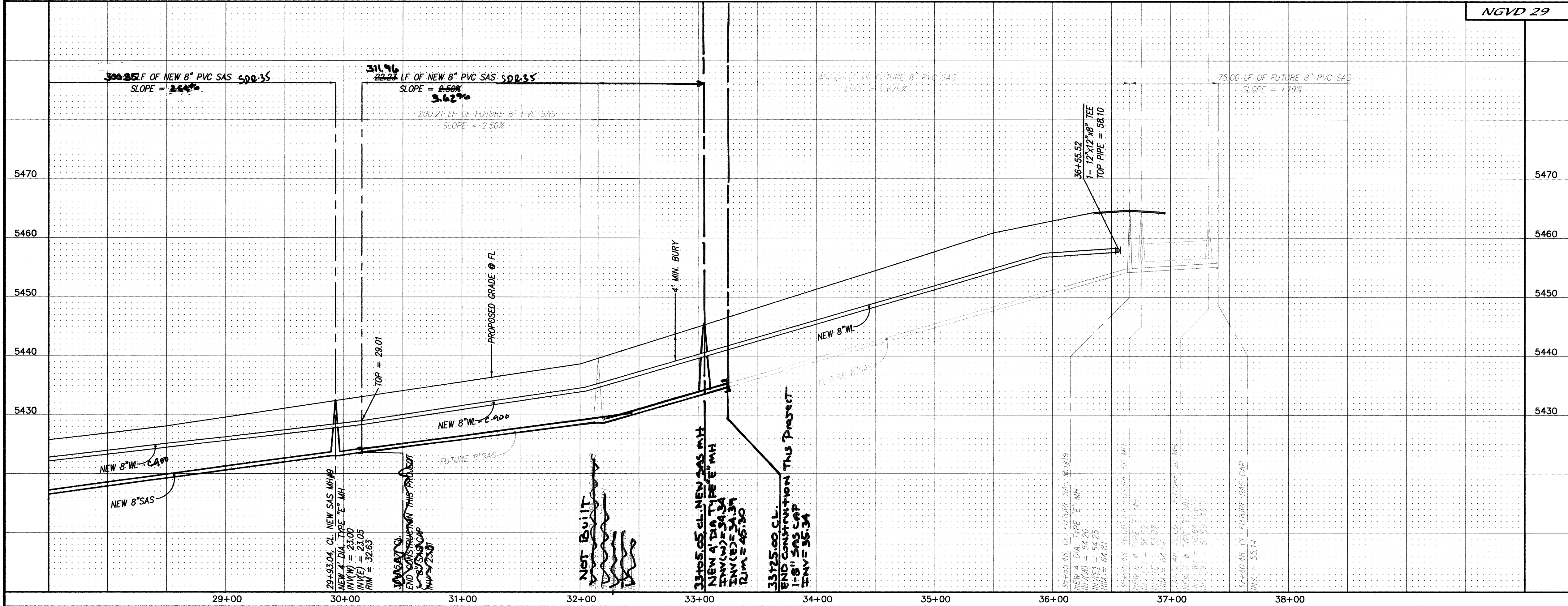
SHEET OF

675484

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A3045DRTE/PLANS/A3045UP-2 08-27-04 GJK ACH NHE DER TAS



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm, Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify that the best of my knowledge and belief, that the construction of the improvements shown on these plans has been inspected and approved by me, and that the Engineer and the City of Albuquerque have agreed to the construction of the improvements shown on these plans. The built construction drawing is based on the design information provided by the City of Albuquerque, NMPE 8948, and the design information provided by the City of Albuquerque, NMPE 8948.

Mark Goodwin, NMPE 8948

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: **DESERT RIDGE TRAILS EAST
FLORENCE AVENUE NE
UTILITY IMPROVEMENTS**

DESIGN REVIEW COMMITTEE
SEP 29 2004
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

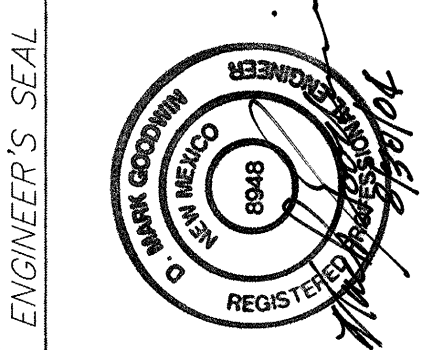
CITY PROJECT NO.

ZONE MAP NO.

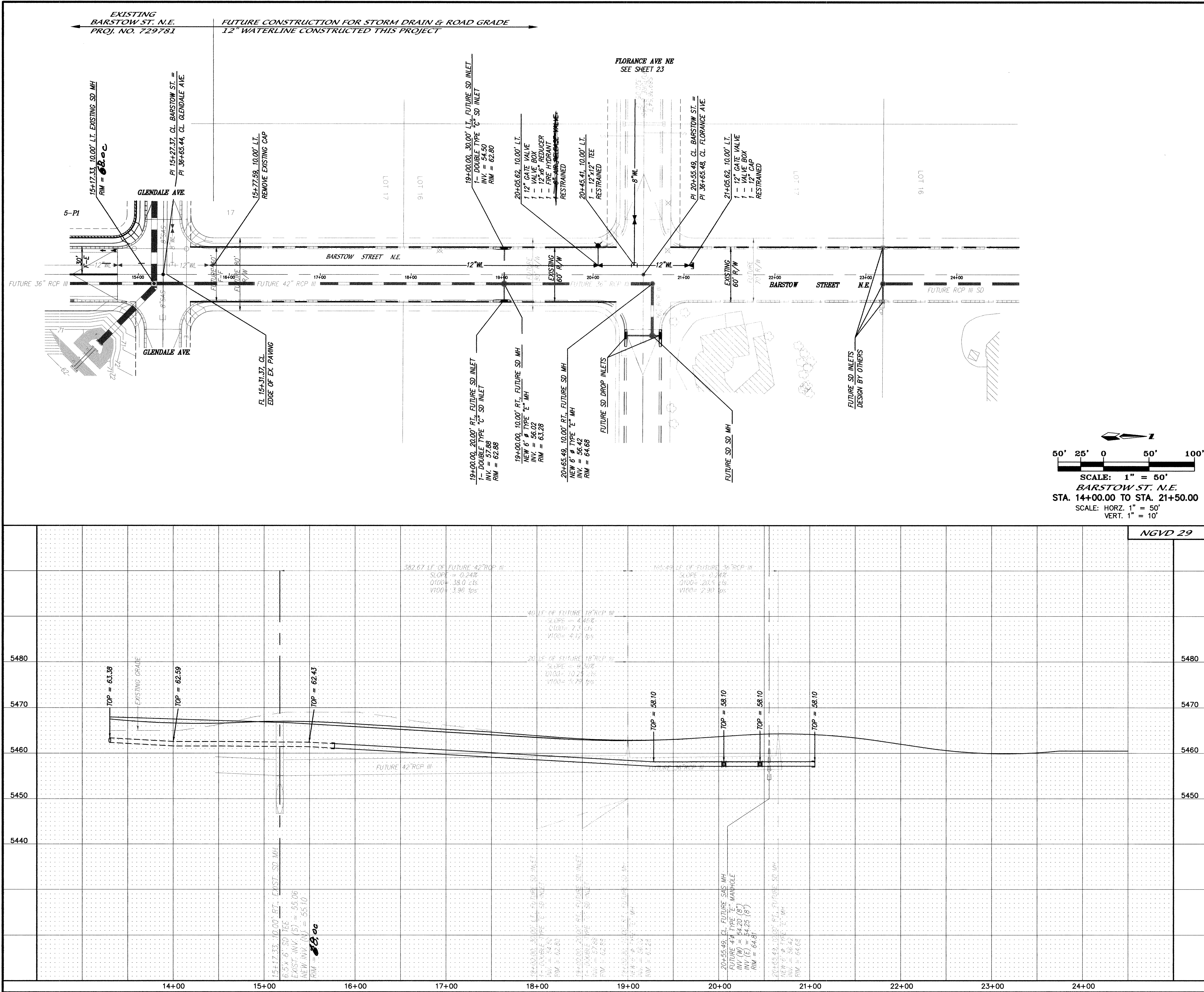
SHEET

OF

BENCH MARKS				AS BUILT INFORMATION			
71-8207, THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST., THEN NORTH ON BARSTOW ST. 1.0 MILE TO MODESTO AVE. THE STA. IS LOCATED IN THE N.E. QUADRANT. STATION MARK IS A STANDARD ACS BRASS TABLET, STAMPED "71-8207". X = 410,237.56, Y = 1,524,092.46, G-G = .99964740. DELTA ALPHA = 070237 CENTRAL ZONE, (MAD 1927) ELEVATION = 5474.510' (SLD 1929)				CONTRACTOR	DATE	DATE	DATE
				WORK STARTED BY	DATE	DATE	DATE
				ACCEPTANCE BY	DATE	DATE	DATE
				FIELD DRAWN BY	DATE	DATE	DATE
				CHECKED BY	DATE	DATE	DATE
				RECORDED BY	DATE	DATE	DATE
				NO.	DATE	DATE	DATE



SCANNED BY
MESA REPRO



NOTES	
1. ALL STATIONING IS CENTERLINE STATIONING.	

SURVEY INFORMATION	
NO.	BY
DATE	

ENGINEER'S SEAL	

REVISIONS	
NO.	DATE
REMARKS	
BY	

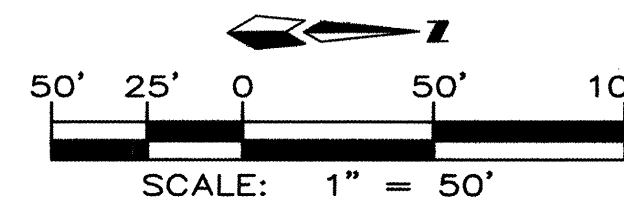
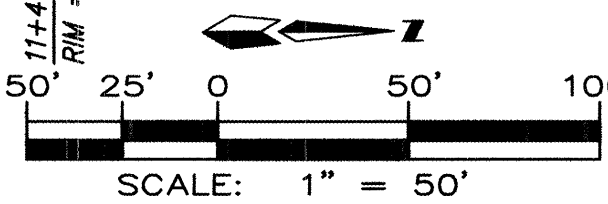
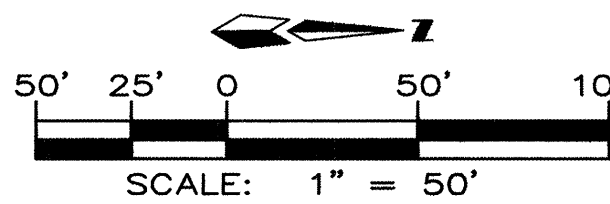
DESIGN	
DESIGNED BY	G/K
DRAWN BY	ACH
CHECKED BY	DWG
DATE	08/04
DATE	08/04
DATE	08/04

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: DESERT RIDGE TRAILS EAST BARSTOW ST. N.E. UTILITY IMPROVEMENTS	
CITY ENGINEER APPROVAL	
LAST DESIGN UPDATE	
MO./DAY/YR.	
MO./DAY/YR.	

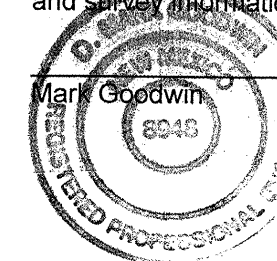
CITY PROJECT NO.	
675484	

ZONE MAP NO.	
B-19	

SHEET	
24 OF 28	



I, Mark Goodwin, NMPE #8948, 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 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 ALS Inc., NMPS number 7719.



1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	7	10+94.00, 20.00' RT.	92.61	25.00'
1	8	10+94.00, 20.00' RT.	93.39	25.00'
1	9	10+94.00, 20.00' RT.	94.24	15.00'
1	10	10+94.00, 20.00' RT.	97.86	15.00'
1	11	10+94.00, 20.00' RT.	02.65	25.00'
1	12	10+94.00, 20.00' RT.	03.26	15.00'
1	24	9+80.00, 7.69' LT.	94.54	29.84'
2	25	9+80.00, 11.17' RT.	94.94	27.49'
1	26	9+80.00, 7.48' LT.	00.91	29.75'
1	27	9+80.00, 10.15' RT.	00.91	27.49'
1	28	9+80.00, 12.22' LT.	07.11	29.64'
1	29	9+80.00, 10.14' RT.	07.58	27.48'

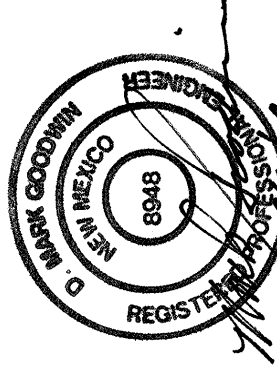
RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
4"	12'	5'	6'	3'	32'
8"	22'	9'	4'	2'	46'

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 LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8"x8"x4"	3'	7'

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
8"x8"x4"	3'	7'

BENCH MARKS	AS BUILT INFORMATION
T ₁ -B20*, THE STATION IS LOCATED 9 MILES N. E. OF DOWNTOWN ALBUQUERQUE, TO REACH THE STATION FROM THE INTERSECTION OF LOUISIANA BLVD. AND LOS ANGELES DR., GO EAST ON LOS ANGELES DR. 1.0 MILE TO BARSTOW ST.; THEN NORTH ON BARSTOW ST., 1.0 MILE TO MODESTO AVE.. THE STA. IS LOCATED IN THE N.E. QUADRANT	CONTRACTOR Sundtville WORK STRAIGHT BY AIS FIELD MEASUREMENTS BY DRAWING NO. CORRECTED BY RECORDED BY
T ₁ -B20*. X = 410,237.56, Y = 1,524,082.46, G-G = .99864740	DATE 8/05/86 DATE 8/06/86 DATE DATE
DELTA ALPHA = 070°23', CENTRAL ZONE, (MAD 1927) ELEVATION = 5474.510' (SLD 1993)	DATE DATE AIS MICRO-FILM INFORMATION

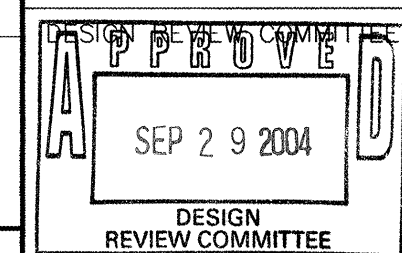
[illegible]

DESIGNED BY	<i>Q/K</i>	DATE	<i>08/04</i>
DRAWN BY	<i>ACH</i>	DATE	<i>08/04</i>
CHECKED BY	<i>DMG</i>	DATE	<i>08/04</i>
DESIGN			
REVISIONS			
NO.	DATE	REMARKS	BY

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

TITLE: ***DESERT RIDGE TRAILS EAST
STREETS "D", "E" & "F"
UTILITY IMPROVEMENTS***



CITY ENGINEER APPROVAL	DATE
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FAST DESIGN UPDATE

CITY PROJECT NO.

ZONE MAP NO.

SHEET OF

A3045DRTE/PLANS/A3045-UP5 08-29-14 ACH DER TAS

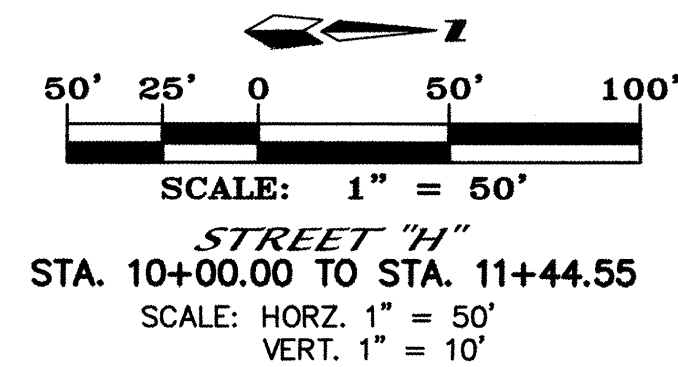
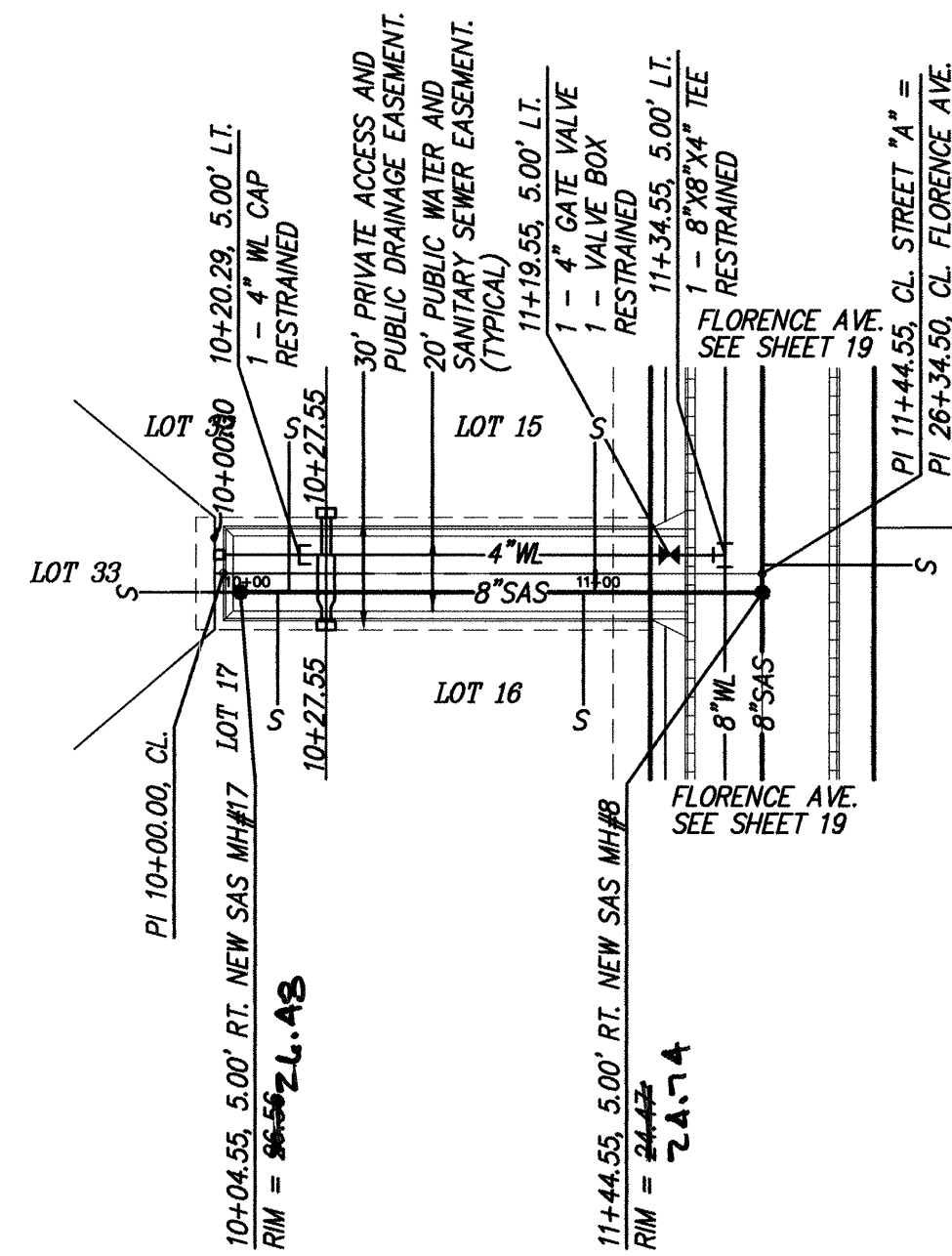
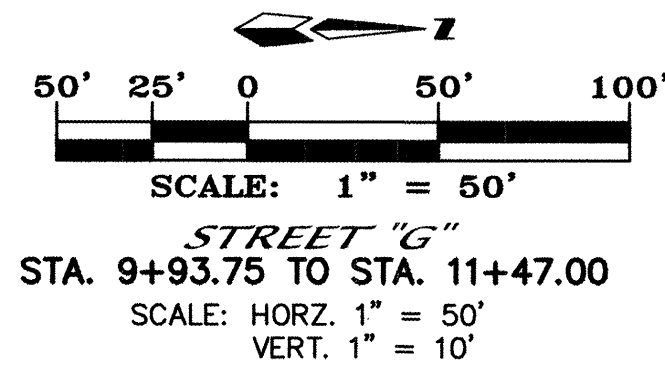
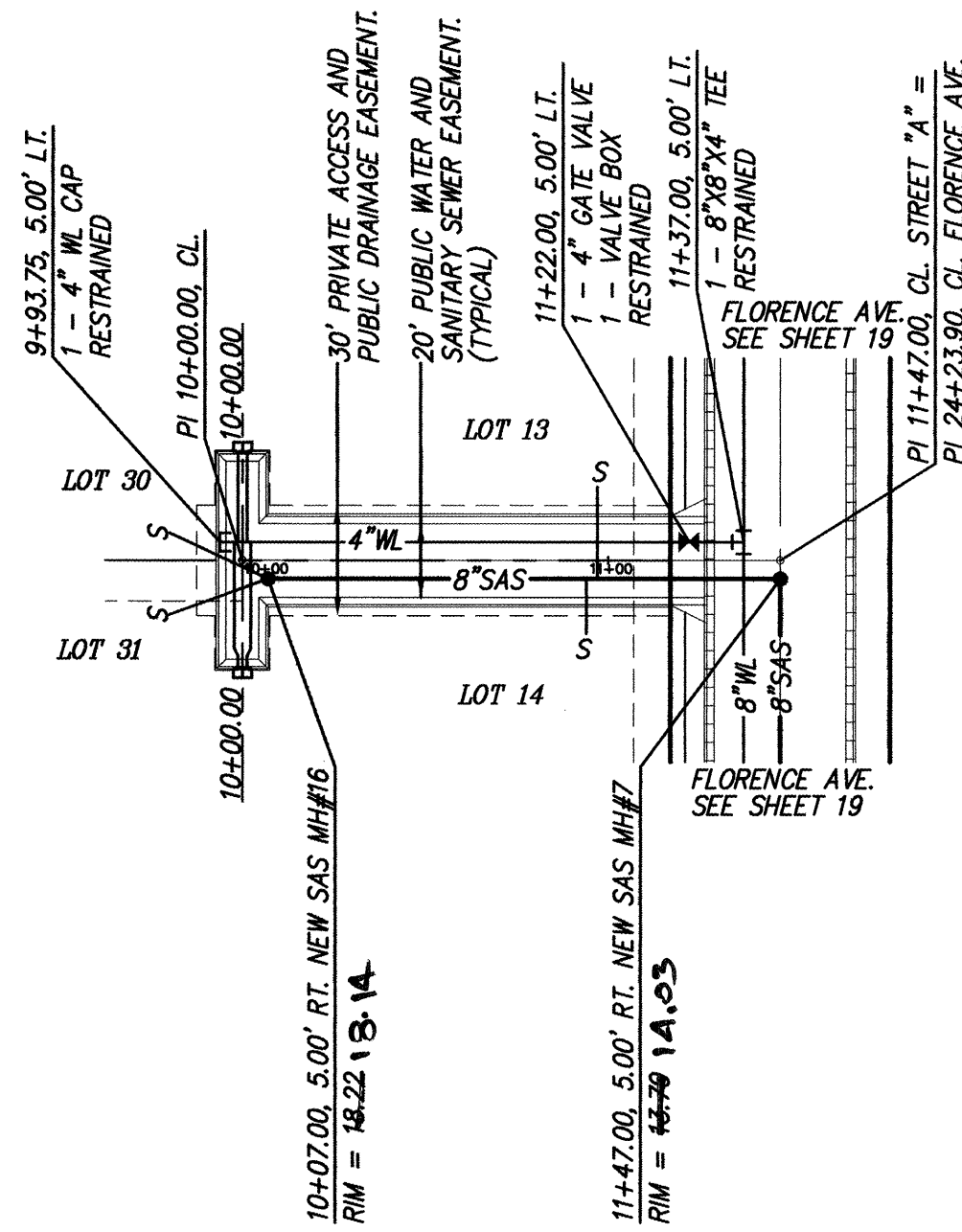
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B-19

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SCANNER BY
MESA REPRO



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, 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 ALS Inc., NMPS number 7719.

Mark Goodwin
NIMPE 8948

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
1	13	10+97.00, 20.00' LT.	18.81	25.00'
1	14	10+94.00, 20.00' RT.	19.87	15.00'
1	15	10+99.55, 35.00' LT.	19.24	40.00'
1	16	10+96.55, 35.00' RT.	19.92	30.00'
1	17	10+14.55, 35.00' RT.	00.79	30.00'
1	30	9+80.00, 7.47' LT.	03.07	29.74'
1	31	9+80.00, 14.73' RT.	03.40	28.70'
1	32	10+17.55, 35.00' LT.	06.13	40.00'
1	33	9+77.63, 3.00' RT.	01.18	26.92'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
4"	12'	5'	6'	3'	32'
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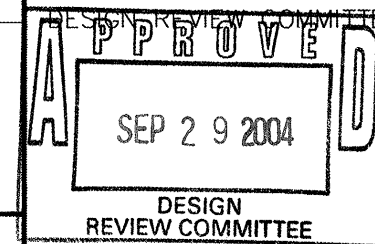
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **DESERT RIDGE TRAILS EAST
STREETS "G" & "H"
UTILITY IMPROVEMENTS**



CITY PROJECT NO.

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

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

ZONE MAP NO.

SHEET

OF