RECORD DRAWINGS

SCANNED BY PLANNING

2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 - N 5 3 9 1 . 8 6 0 - 0 8 1 1

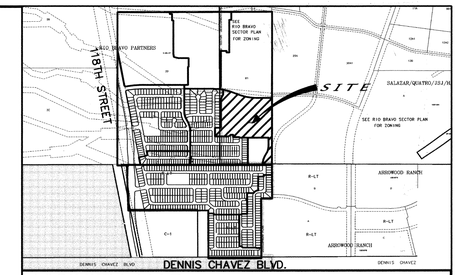
CONSTRUCTION PLANS

FOR

ANDERSON HEIGHTS SUBDIVISION

UNIT 3

ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS #N-8/P-8

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 INCLUDING AMENDMENT 1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC 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. UPDATE NO. 7.
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, TRANCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
15. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE TO DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
16. PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
17. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.

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.
- ☑ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☑ PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING. (DEVELOPERS RESPONSIBILITY)

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.

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

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	B1 & B2	[signature]	5-02-07	[signature]	5-2-07		

ENGINEERS STAMP & SIGNATURE

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

APPROVALS		DATE
DRC CHAIRMAN	[signature]	Aug. 23, 2006
TRANSPORTATION	[signature]	8/28/06
WATER/WASTEWATER	William J. Bachel	8/28/06
HYDROLOGY	Bradley L. Bingham	8/28/06
CIP		
CONSTR. MNGMT.		
CONSTR. COORD.		

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
[signature]
DATE: 10-07-2008

DRB NO. 1002739

CITY PROJECT NO. 753986

APPROVED FOR CONSTRUCTION

[signature] 11-21-06
CITY ENGINEER DATE

SHEET 1 OF 18

SURVEYOR'S CERTIFICATION

I, WILL PLOTNER JR, 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 DRAWNINGS 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. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

WILL PLOTNER JR, NMPS 14271

11-3-07

WILL PLOTNER, JR. NEW MEXICO 14271 REGISTERED PROFESSIONAL LAND SURVEYOR

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Will Plotner, Jr., NMPS number 14271.

1-2-08

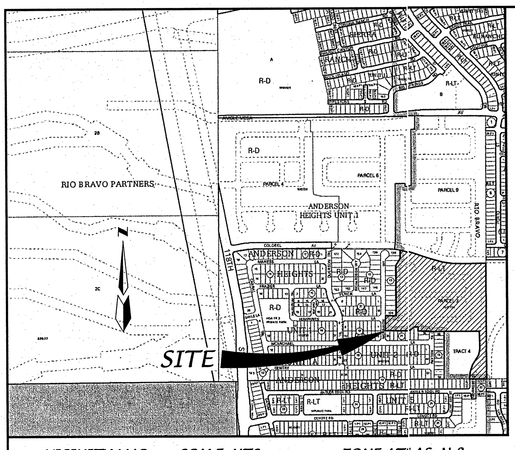
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on August 23, 2006.

This set of drawings is accepted for RECORD purposes by _____ on _____, 2007.

INDEX TO DRAWINGS



VICINITY MAP SCALE: NTS ZONE ATLAS: N-8

SUBDIVISION DATA

GROSS ACREAGE	17.7805 Acres
ZONE ATLAS NO.	N-8-Z
NO. OF EXISTING PARCELS	1 PARCEL
NO. OF LOTS/TRACTS/PARCELS CREATED	93 LOTS, 2 TRACTS 0 PARCEL
NO. OF PARCEL ELIMINATED	1
MILES OF FULL WIDTH STREETS CREATED	0.72
AREA DEDICATED TO CITY OF ALBUQUERQUE	1.6112 Acres
DATE OF SURVEY	November, 2003
ZONING	R-D
UTILITY CONTROL LOCATION SYSTEM LOG NUMBER	2003473085

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 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, water, sewer and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owners(s) warrant that they hold among them complete and indefeasible title in fee simple to the land subdivided.

OWNER: KB HOME New Mexico Inc
BY: Robert Coleman
TITLE: Director of Land

Robert Coleman DATE

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO
SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on
By Robert Coleman, Director of Land, KB HOME New Mexico Inc, A New Mexico Corporation on behalf of said corporation

NOTARY PUBLIC MY COMMISSION EXPIRES

LEGAL DESCRIPTION

A tract of land situate, within the Town of Atrisco Grant, projected Sections 5 and 8, Township 9 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of PARCEL 3, ANDERSON HEIGHTS UNIT 1 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 May 04, 2005 in Book 2005C, Page 138 and containing 17.7805 acres more or less.

PURPOSE OF PLAT

1. SUBDIVIDE ONE (1) PARCEL INTO NINETY THREE (93) LOTS, TWO (2) TRACTS FOR HOME OWNERS ASSOCIATION AND DRAINAGE.
2. GRANT NEW EASEMENTS AS SHOWN HEREON.
3. DEDICATE RIGHT-OF-WAY AS SHOWN HEREON.

FEMA FLOODPLAIN AND LOMR NOTES

1. FINAL CONFIRMATION AND RELEASE OF A.M.A.F.C.A.'S DRAINAGE EASEMENTS WILL BE COMPLETED UPON ISSUANCE OF A LETTER OF MAP REVISION (LOMR) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND UPON ISSUANCE OF A QUITCLAIM DEED FROM A.M.A.F.C.A.
2. UNTIL SUCH TIME THAT THE LOMR IS ISSUED BY FEMA TO REMOVE THE FLOODPLAIN, THIS AREA AND ANY FUTURE LOTS THAT DEVELOP IN THIS AREA, FLOOD INSURANCE MAY BE REQUIRED.

SURVEY NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone).
2. Distances are ground distances.
3. Bearings and distances in parenthesis are record.
4. Basis of boundary are the following plats of record entitled:

"ANDERSON HEIGHTS UNIT 2", (03-17-2006, BK-2006C PG-87)
"ANDERSON HEIGHTS UNIT 1", (05-04-2005, BK-2005C PG-138)
"ANDERSON HEIGHTS UNIT 1-A", (08-05-2005, BK-2005C PG-272)
"ANDERSON HEIGHTS UNIT 5", (12-21-2005, BK-2005C PG-403)
"LANDS OF RIO BRAVO PARTNERS", (04-17-96, 96C-160)
"ROSNER TRACT, TRACT A-1, A-2 AND B-1", (03-27-03, 03C-80)
"LANDS OF SALAZAR FAMILY TRUST, SALAZAR QUATRO TRUST, JSJ INVESTMENT COMPANY AND FALBA HANNETT" (07-23-03, 03C-223)
"ANDERSON HEIGHTS, PARCELS A AND B", (12-03-03, 2003C - 361))

all being records of Bernalillo County, New Mexico.

5. Field Survey performed on November, 2003.
6. Title Report: None provided.
7. UTILITY COUNCIL LOCATION SYSTEM LOG NO.: 2003473085

NOTE:

TOTAL REMAINING OPEN SPACE REQUIREMENTS ARE MET VIA THE PROVISION OF DETACHED OPEN SPACE PER THE PROVISIONS OF SECTION 14-16-3-8(A)(3).

PLAT FOR ANDERSON HEIGHTS UNIT 3

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 5 AND 8
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
August, 2006

SCANNED BY PLANNING

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: 1002739

Application Number:

PLAT APPROVAL

Utility Approvals:

PNM Electric Services — Date
PNM Gas Services — Date
Qwest Telecommunications — Date
Comcast — Date

City Approvals:

City Surveyor — Date
Real Property Division — Date
Traffic Engineering, Transportation Division — Date
Water Utility Department — 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 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 — Date

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

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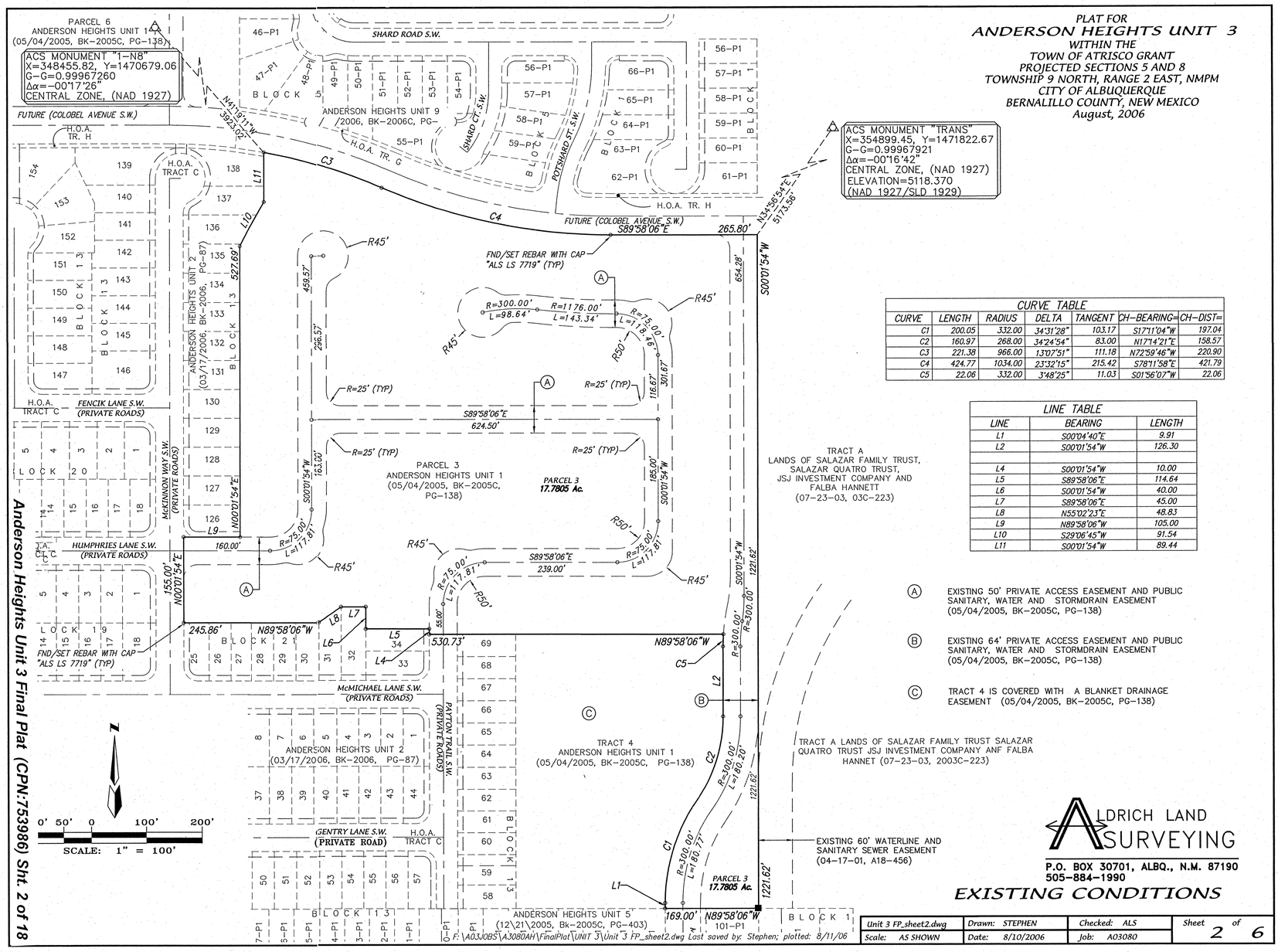

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH-BEARING=	CH-DIST=
C1	200.05	332.00	34°31'28"	103.17	S17°11'04"W	197.04
C2	160.97	268.00	34°24'54"	83.00	N17°14'21"E	158.57
C3	221.38	966.00	13°07'51"	111.18	N72°59'46"W	220.90
C4	424.77	1034.00	23°32'15"	215.42	S78°11'58"E	421.79
C5	22.06	332.00	3°48'25"	11.03	S01°56'07"W	22.06

LINE TABLE		
LINE	BEARING	LENGTH
L1	S00°04'40"E	9.91
L2	S00°01'54"W	126.30
L4	S00°01'54"W	10.00
L5	S89°58'06"E	114.64
L6	S00°01'54"W	40.00
L7	S89°58'06"E	45.00
L8	N55°02'23"E	48.83
L9	N89°58'06"W	105.00
L10	S29°06'45"W	91.54
L11	S00°01'54"W	89.44

(A) EXISTING 50' PRIVATE ACCESS EASEMENT AND PUBLIC SANITARY, WATER AND STORMDRAIN EASEMENT (05/04/2005, BK-2005C, PG-138)

(B) EXISTING 64' PRIVATE ACCESS EASEMENT AND PUBLIC SANITARY, WATER AND STORMDRAIN EASEMENT (05/04/2005, BK-2005C, PG-138)

(C) TRACT 4 IS COVERED WITH A BLANKET DRAINAGE EASEMENT (05/04/2005, BK-2005C, PG-138)

RECORD DRAWINGS

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

EXISTING CONDITIONS

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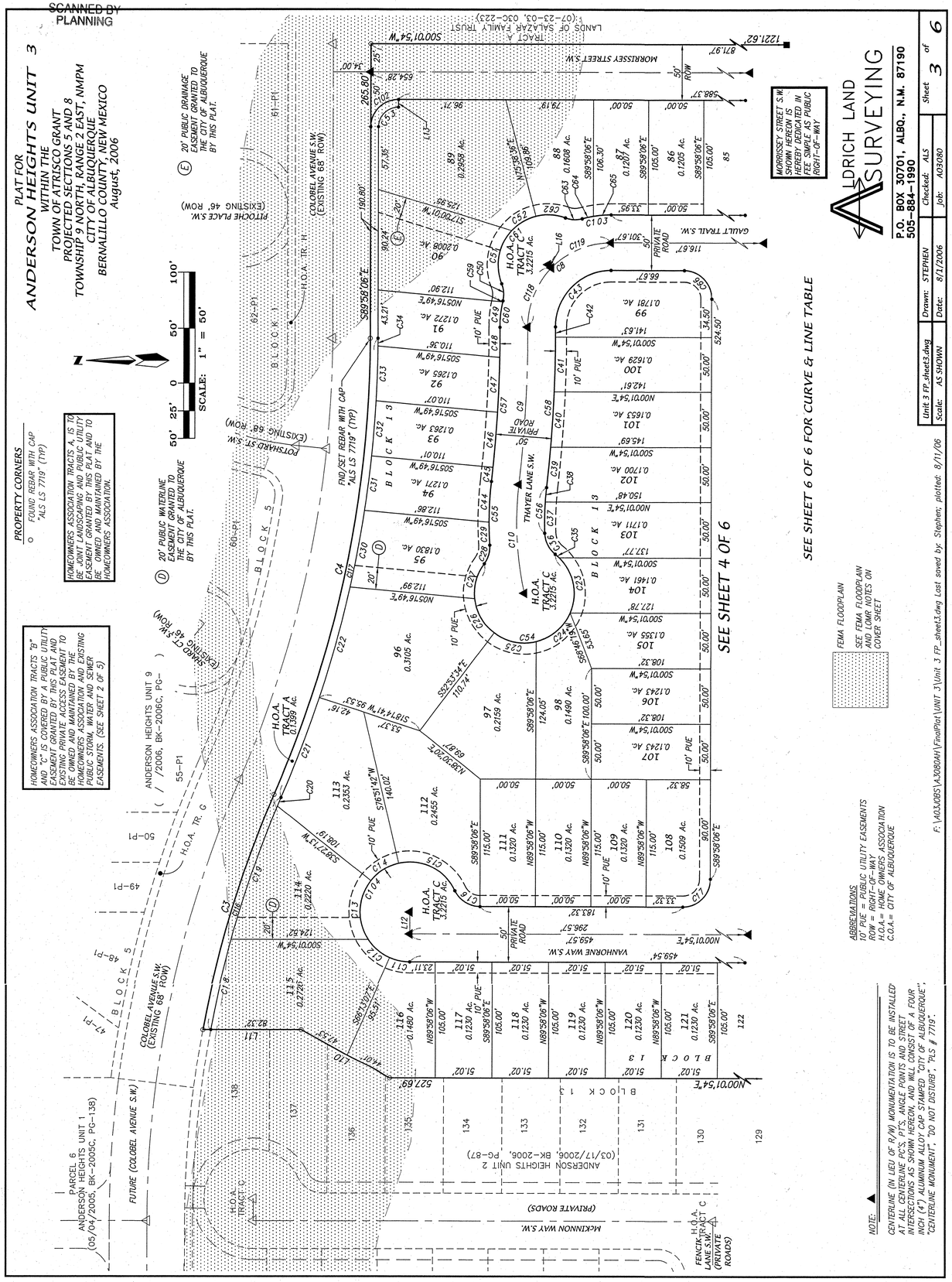
Scale: AS SHOWN	Date: 8/10/2006	Job: A03080	

Anderson Heights Unit 3 Final Plat (CPN:753986) Sht. 2 of 18

RECORD DRAWINGS

PLAT FOR
ANDERSON HEIGHTS UNIT 3
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 5 AND 8
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
August, 2006



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

Unit 3 FP_sheet3.dwg	Drawn: STEPHEN	Checked: ALS	Sheet 3 of 6
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PLAT FOR
ANDERSON HEIGHTS UNIT 3
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 5 AND 8
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
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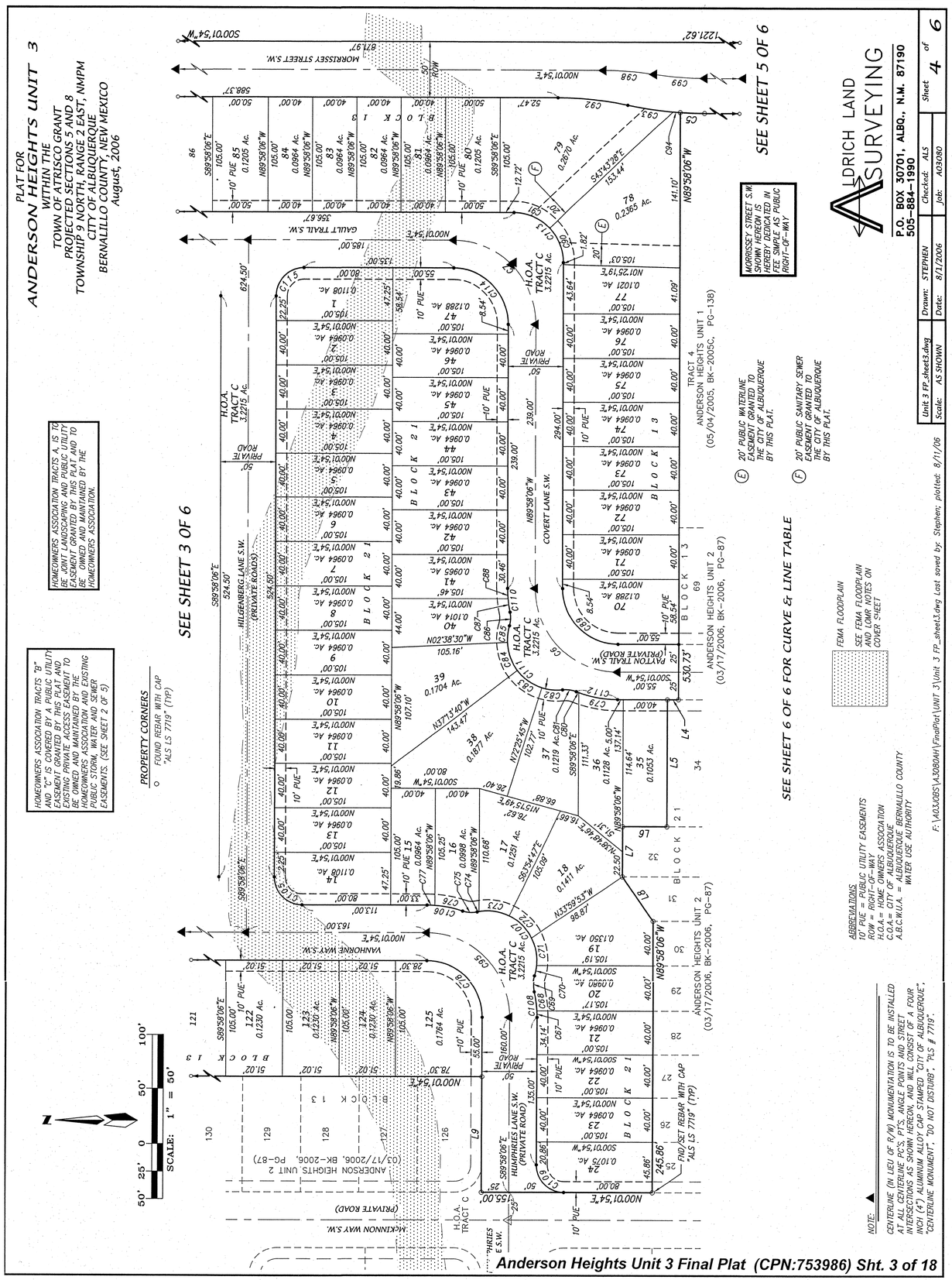
August, 2006



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

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Scale: AS SHOWN	Date: 8/1/2006	Job: A03080	

Anderson Heights Unit 3 Final Plat (CPN:753986) Sht. 3 of 18

PLAT FOR
ANDERSON HEIGHTS UNIT 3
WITHIN THE
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TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
August, 2006

SCANNED BY PLANNING

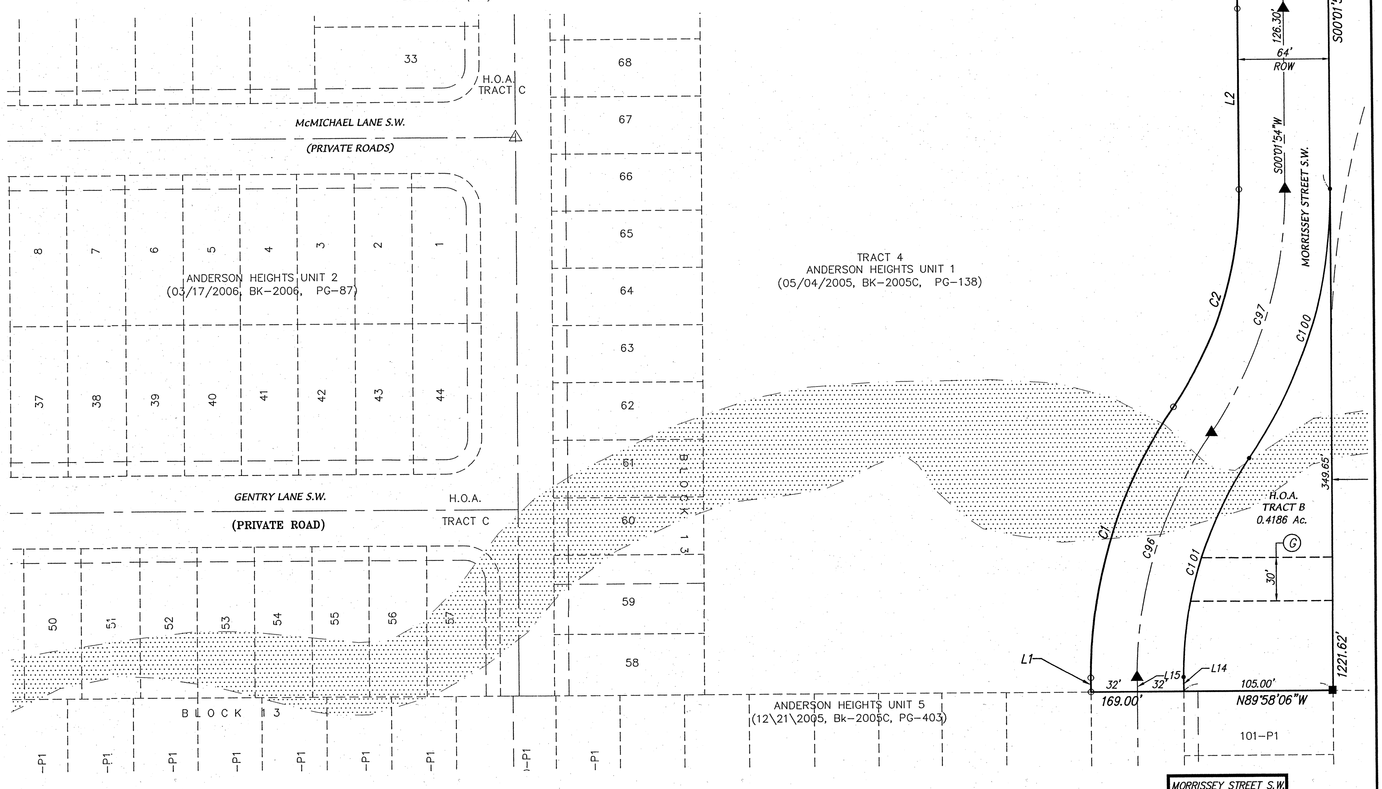
N
50' 25' 0 50' 100'
SCALE: 1" = 50'

HOMEOWNERS ASSOCIATION TRACTS "B" AND "C" IS COVERED BY A PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT AND EXISTING PRIVATE ACCESS EASEMENT TO BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION AND EXISTING PUBLIC STORM, WATER AND SEWER EASEMENTS. (SEE SHEET 2 OF 5)

HOMEOWNERS ASSOCIATION TRACTS A, IS TO BE JOINT LANDSCAPING AND PUBLIC UTILITY EASEMENT GRANTED BY THIS PLAT AND TO BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION.

PROPERTY CORNERS
○ FOUND REBAR WITH CAP "ALS LS 7719" (TYP)

SEE SHEET 4 OF 6



G 30' PUBLIC WATERLINE AND SANITARY SEWER EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE BY THIS PLAT.

MORRISSEY STREET S.W. SHOWN HEREON IS HEREBY DEDICATED IN FEE SIMPLE AS PUBLIC RIGHT-OF-WAY

FEMA FLOODPLAIN
SEE FEMA FLOODPLAIN AND LOMR NOTES ON COVER SHEET

ABBREVIATIONS
10' PUE = PUBLIC UTILITY EASEMENTS
ROW = RIGHT-OF-WAY
H.O.A.= HOME OWNERS ASSOCIATION
C.O.A.= CITY OF ALBUQUERQUE

NOTE: ▲
CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS AS SHOWN HEREON, AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "PLS # 7719".

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

Unit 3 FP_sheet3.dwg	Drawn: STEPHEN	Checked: ALS	Sheet 5 of 6
Scale: AS SHOWN	Date: 8/1/2006	Job: A03080	

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CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH-BEARING=	CH-DIST=
C1	200.05	332.00	34°31'28"	103.17	S17°11'04"W	197.04
C2	160.97	268.00	34°24'54"	83.00	N17°14'21"E	158.57
C3	221.38	966.00	13°07'51"	111.18	N72°39'46"W	220.90
C4	424.77	1034.00	23°32'15"	215.42	S78°11'58"E	421.79
C5	22.06	332.00	3°46'25"	11.03	S01°56'07"W	22.06
C6	117.81	75.00	90°00'00"	75.00	S45°01'54"W	106.07
C7	117.81	75.00	90°00'00"	75.00	N45°01'54"E	106.07
C8	118.46	75.00	90°29'41"	75.65	N45°12'56"W	106.52
C9	143.34	1176.00	6°59'00"	71.76	S86°58'16"E	143.25
C10	98.64	300.00	18°50'19"	49.77	S87°06'05"W	98.20
C11	18.65	45.00	23°44'59"	9.46	S11°54'24"W	18.52
C12	25.53	45.00	32°30'05"	13.12	S40°01'56"W	25.19
C13	56.68	45.00	72°10'15"	32.80	N87°37'55"W	53.01
C14	30.17	45.00	38°24'29"	15.67	N32°20'33"W	29.60
C15	61.10	45.00	77°47'35"	36.31	N25°45'30"E	56.51
C16	28.20	25.00	64°37'23"	15.81	S32°20'36"W	26.73
C17	39.27	25.00	90°00'00"	25.00	S44°58'06"E	35.36
C18	82.64	959.00	4°56'13"	41.34	N77°00'58"W	82.61
C19	127.39	959.00	7°36'39"	63.79	N70°44'32"W	127.30
C20	8.47	959.00	0°30'21"	4.23	N66°41'02"W	8.47
C21	96.74	1041.00	5°19'28"	48.40	S69°05'35"E	96.71
C22	103.45	1041.00	5°41'37"	51.77	S74°36'08"E	103.41
C23	54.21	45.00	69°01'12"	30.94	N78°43'31"E	50.99
C24	41.54	45.00	52°53'30"	22.38	S40°19'07"E	40.08
C25	40.04	45.00	50°58'48"	21.45	S11°37'02"W	38.73
C26	36.53	45.00	46°30'51"	19.34	S60°21'51"W	35.54
C27	33.76	45.00	42°58'42"	17.72	N74°53'22"W	32.97
C28	17.56	25.00	40°14'50"	9.16	S73°31'26"E	17.20
C29	20.80	325.00	3°40'03"	10.40	S88°11'11"W	20.80
C30	70.32	1041.00	3°52'13"	35.17	S79°23'03"E	70.30
C31	50.04	1041.00	2°45'14"	25.02	S82°41'46"E	50.03
C32	50.01	1041.00	2°45'09"	25.01	S85°26'58"E	50.00
C33	50.10	1041.00	2°45'26"	25.05	S88°12'15"E	50.09
C34	7.00	1041.00	0°23'07"	3.50	S89°46'32"E	7.00
C35	4.75	45.00	6°03'03"	2.38	N41°11'23"E	4.75
C36	21.72	25.00	49°46'51"	11.60	S63°03'17"W	21.04
C37	28.13	275.00	5°51'43"	14.08	N82°07'26"W	28.12
C38	13.02	275.00	2°42'49"	6.51	N84°50'10"W	13.02
C39	37.21	1201.00	1°46'30"	18.61	S84°22'01"E	37.21
C40	50.10	1201.00	2°23'24"	25.05	S86°26'58"E	50.09
C41	50.01	1201.00	2°23'10"	25.01	S88°50'15"E	50.01
C42	9.06	1201.00	0°25'57"	4.53	N89°45'12"E	9.06
C43	78.97	50.00	90°29'41"	50.43	N45°12'56"W	71.02
C44	36.87	325.00	6°30'02"	18.46	N86°43'47"W	36.85
C45	13.17	1151.00	0°39'20"	6.59	S83°48'26"E	13.17
C46	50.01	1151.00	2°29'22"	25.01	S85°22'47"E	50.00
C47	50.08	1151.00	2°29'35"	25.04	S87°52'15"E	50.08
C48	27.03	1151.00	1°20'44"	13.52	S89°47'24"E	27.03
C49	23.13	100.00	13°15'08"	11.62	N83°50'12"W	23.08
C50	15.41	25.00	35°19'35"	7.96	N85°39'36"E	15.17
C51	51.36	45.00	65°23'28"	28.88	N79°18'27"W	48.62
C52	25.33	45.00	32°15'19"	13.01	N30°29'03"W	25.00
C53	28.27	18.00	90°00'00"	18.00	N44°58'06"W	25.46
C54	206.08	45.00	262°23'04"	51.42	S04°35'33"E	67.73
C55	57.68	325.00	10°10'05"	28.91	N68°33'48"W	57.60
C56	41.16	275.00	8°34'32"	20.62	N67°46'02"W	41.12
C57	140.29	1151.00	6°59'00"	70.23	S86°58'16"E	140.20
C58	146.38	1201.00	6°59'00"	73.28	S86°58'16"E	146.29
C59	0.93	100.00	0°32'02"	0.47	N76°56'37"W	0.93
C60	24.06	100.00	13°47'10"	12.09	N83°34'11"W	24.00
C61	103.88	45.00	132°15'38"	101.69	N49°52'22"W	82.30
C62	27.19	45.00	34°36'51"	14.02	S02°57'01"E	26.77
C63	15.41	25.00	35°19'35"	7.96	S02°35'39"W	15.17
C64	10.23	100.00	5°51'50"	5.12	N12°08'13"W	10.23
C65	16.12	100.00	9°14'13"	8.08	N04°35'12"W	16.10
C66	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C67	5.86	100.00	3°21'30"	2.93	N88°21'10"E	5.86
C68	17.29	100.00	9°54'26"	8.67	N81°43'12"E	17.27
C69	13.54	25.00	31°01'25"	6.94	N87°43'19"W	13.37
C70	9.77	45.00	12°26'05"	4.90	S78°25'38"E	9.75
C71	25.46	45.00	32°25'02"	13.08	N79°08'49"E	25.12
C72	28.94	45.00	36°51'05"	14.99	N44°30'45"E	28.45
C73	28.51	45.00	36°17'44"	14.75	N07°56'21"E	28.03
C74	1.65	45.00	2°06'10"	0.83	N11°15'36"W	1.65
C75	13.54	25.00	31°01'25"	6.94	S03°12'02"W	13.37
C76	25.60	100.00	14°39'59"	12.87	N11°22'45"E	25.53
C77	7.01	100.00	4°00'50"	3.50	N02°02'20"E	7.00
C78	78.57	50.00	90°01'54"	50.03	N45°00'57"E	70.73
C79	35.76	100.00	20°29'14"	18.07	S10°16'32"W	35.57
C80	2.38	100.00	1°21'54"	1.19	S21°12'06"W	2.38

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH-BEARING=	CH-DIST=
C81	12.57	25.00	28°48'17"	6.42	N07°28'54"E	12.44
C82	19.24	45.00	24°29'29"	9.77	S05°19'30"W	19.09
C83	27.65	45.00	35°12'05"	14.28	S35°10'17"W	27.21
C84	27.16	45.00	34°35'11"	14.01	S70°03'55"W	26.75
C85	15.05	45.00	19°09'35"	7.59	N83°03'42"W	14.98
C86	12.57	25.00	28°48'17"	6.42	S87°53'03"E	12.44
C87	11.94	100.00	6°50'36"	5.98	S81°08'06"W	11.94
C88	9.56	100.00	5°28'30"	4.78	S87°17'39"W	9.55
C89	78.54	50.00	90°00'00"	50.00	S45°01'54"W	70.71
C90	34.37	45.00	43°45'22"	18.07	N68°09'13"E	33.54
C91	36.32	45.00	46°14'38"	19.21	N23°09'13"E	35.34
C92	63.27	300.00	12°04'58"	31.75	N06°04'23"E	63.15
C93	41.27	332.00	7°07'20"	20.66	S08°33'13"W	41.24
C94	6.69	332.00	1°09'13"	3.34	S04°24'56"W	6.68
C95	117.81	75.00	90°00'00"	75.00	N45°01'54"E	106.07
C96	180.77	300.00	34°31'28"	93.22	S17°11'04"W	178.05
C97	180.20	300.00	34°24'54"	92.91	N17°14'21"E	177.50
C98	45.87	300.00	8°45'41"	22.98	N04°24'45"E	45.83
C99	45.87	300.00	8°45'41"	22.98	S04°24'45"W	45.83
C100	199.42	332.00	34°24'54"	102.82	N17°14'21"E	196.43
C101	161.49	268.00	34°31'28"	83.28	S17°11'04"W	159.06
C102	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C103	26.36	100.00	15°06'02"	13.25	N07°31'07"W	26.28
C104	192.13	45.00	244°37'23"	71.15	N57°39'24"W	76.06
C105	39.27	25.00	90°00'00"	25.00	S45°01'54"W	35.36
C106	33.02	100.00	18°55'17"	16.66	N09°15'06"E	32.87
C107	94.33	45.00	120°06'05"	78.10	N47°44'21"E	77.98
C108	23.15	100.00	13°15'56"	11.63	N83°23'57"E	23.10
C109	36.17	25.00	82°54'16"	22.08	S48°34'46"W	33.10
C110	21.50	100.00	12°19'06"	10.79	S83°52'21"W	21.46
C111	89.09	45.00	113°26'19"	68.56	S49°47'55"W	75.24
C112	38.14	100.00	21°51'08"	19.30	S10°57'29"W	37.91
C113	70.69	45.00	90°00'00"	45.00	N45°01'54"E	63.64
C114	78.57	50.00	90°01'54"	50.03	N45°00'57"E	70.73
C115	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C116	218.49	959.00	13°03'14"	109.72	N72°57'28"W	218.02
C117	427.65	1041.00	23°32'15"	216.88	S78°11'58"E	424.65
C118	58.37	75.00	44°35'24"	30.75	N68°10'04"W	56.91
C119	60.09	75.00	45°54'17"	31.76	N22°55'14"W	58.49

LINE TABLE

LINE	BEARING	LENGTH
L1	S00°04'40"E	9.91
L2	S00°01'54"W	126.30
L4	S00°01'54"W	10.00
L5	S89°58'06"E	114.64
L6	S00°01'54"W	40.00
L7	S89°58'06"E	45.00
L8	N55°02'23"E	48.83
L9	N89°58'06"W	105.00
L10	S29°06'45"W	91.54
L11	S00°01'54"W	89.44
L12	S89°58'06"E	20.00
L13	N89°58'06"W	7.00
L14	S00°04'40"E	10.03
L15	S00°04'40"E	9.97
L16	N44°07'38"E	4.04

PLAT FOR
ANDERSON HEIGHTS UNIT 3
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 5 AND 8
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
August, 2006

PUBLIC UTILITY EASEMENTS:

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

1. The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
2. The PNM Gas Services Division for installation, maintenance and services of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. Qwest for installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.
4. Comcast cable for installation, maintenance and service of such lines, cable and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purposes described above, together with free access to, from and over said easement, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the 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.

RECORD DRAWINGS

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

Unit 3 FP_sheet3.dwg	Drawn: STEPHEN	Checked: ALS	Sheet 6 of 6
Scale: AS SHOWN	Date: 8/11/2006	Job: A03080	

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Anderson Heights Unit 3 Final Plat (CPN:753986) Sht. 4 of 18

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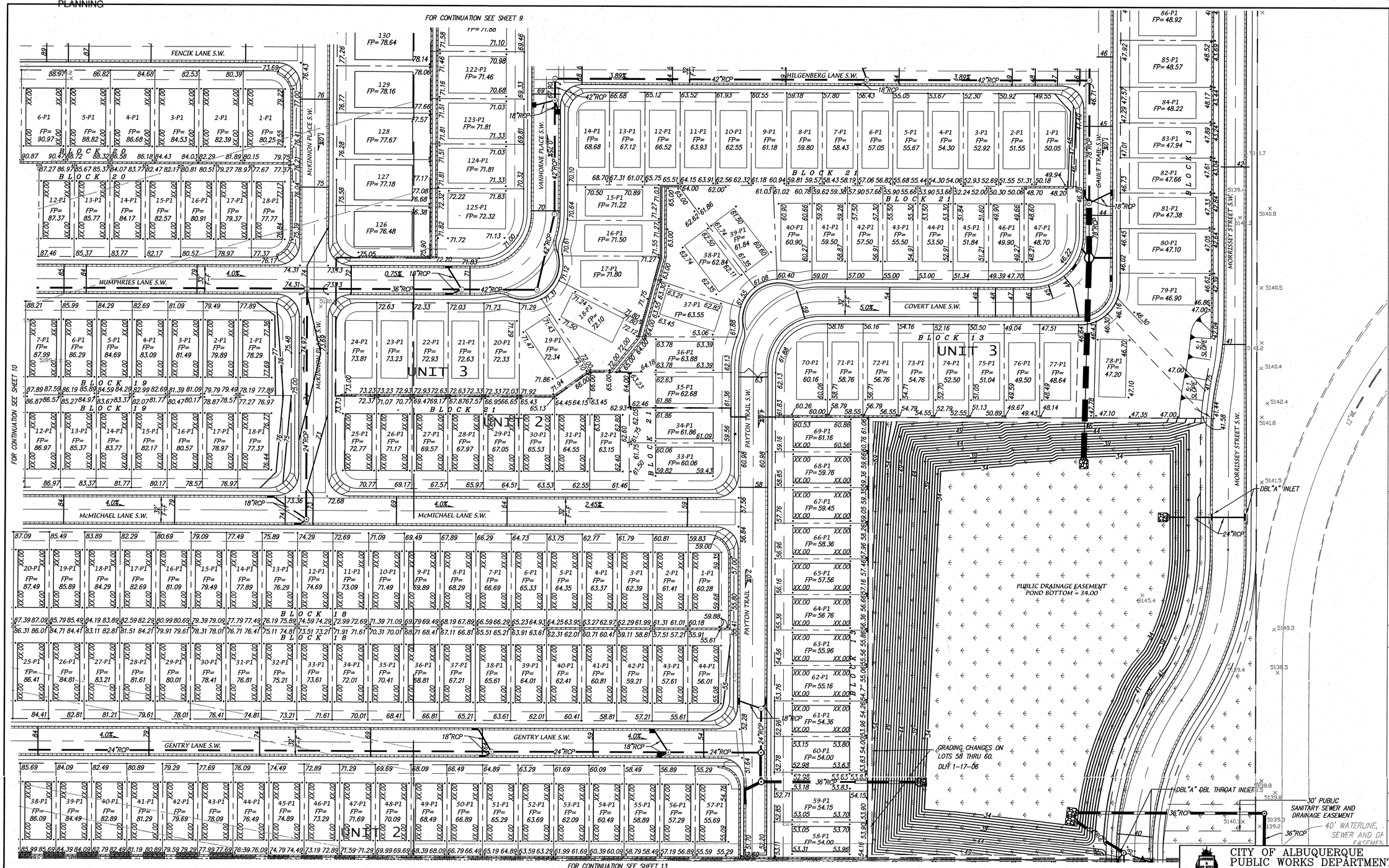
SCANNED BY PLANNING

RECORD DRAWINGS



NOTE: REVISED GRADING PLAN FOR LOT SIZE CHANGES TO 50' WIDE IN UNIT 2

SCALE: 1" = 50'

A03080AH\grade n drain\3080GD-50-REVA3\SHEET 7\04-20-06\ MJR ACH CAR

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

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY	Cartesian Surveys Inc.	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY		DATE
NO.		

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.,0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2; WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998".

X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY	DATE

		DATE
DESIGNED BY	GIK	02/04
DRAWN BY	MJR	02/04
CHECKED BY	DMG	02/04

ENGINEER'S SEAL

DAVID MICHAEL HOELZER NEW MEXICO 11987 LICENSED PROFESSIONAL ENGINEER

4-20-06

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

ANDERSON HEIGHTS GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	NOV 8 1 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET
753986	N-8/P-8	5 of 18

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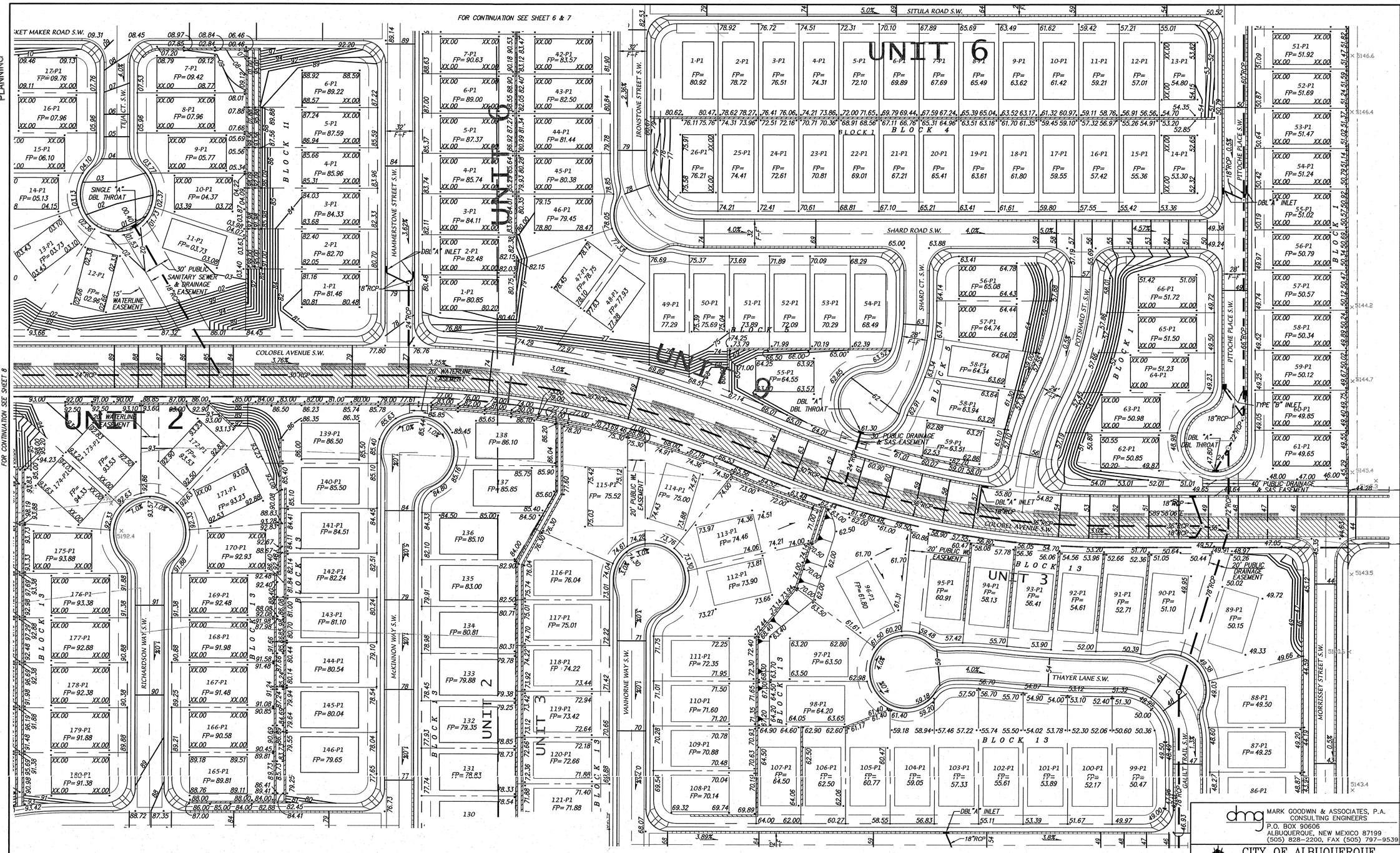
RECORD DRAWINGS

SCANNED BY PLANNING



NOTE: REVISED UNIT 2 GRADING FOR CHANGES IN LOT SIZES TO 50' WIDE

50' 25' 0 50' 100'

SCALE: 1" = 50'

A03080AH\grade n drain\3080GD-50-REVA3\SHEET 5\04-20-06\MJR ACH CAR

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE
INSPECTED BY DATE
AS BUILT PLANS BY
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), 0.0 S. ON COORS BLVD., 0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998".
X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO 11867 LICENSED PROFESSIONAL ENGINEER
4-20-06

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	GJK	02/04
DRAWN BY	MJR	02/04
CHECKED BY	DMG	02/04

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:

ANDERSON HEIGHTS GRADING AND DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET
753986	N-8/P-8	6 of 18

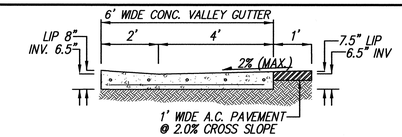
F:\A03JOBS\A3080AH\grade n drain\3080gd-50-REVA3.dwg, 4/20/2006 10:00:35 AM, charles

RECORD DRAWINGS

SCANNED BY PLANNING

CONSTRUCTION NOTES

1. ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
2. ALL 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 WITH REVISIONS AS SHOWN ON THIS SHEET.
3. ALL 4' VALLEY GUTTER PER COA STD. DWG 2421 & ALL 12' VALLEY GUTTER PER COA STD. DWG 2422.
4. ALL HANDICAP RAMPS ARE PER COA DETAIL 2441, CASE II, WITH TRUNCATED DOMES.
5. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10 FEET.
6. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50 FEET PER C.O.A. STD DETAIL #2401.
7. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB AT INTERSECTIONS SHALL OCCUR THROUGH THE HC. RAMP PER C.O.A. STANDARD DRAWING 2418.
8. 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.
9. TRUNCATED DOMES DESIGN NEEDS TO FOLLOW ADA GUIDELINES. CONTRACTOR NEEDS TO SUBMIT SPECS TO CITY CONSTRUCTION ENGINEERS FOR EVALUATION PRIOR TO CONSTRUCTION.



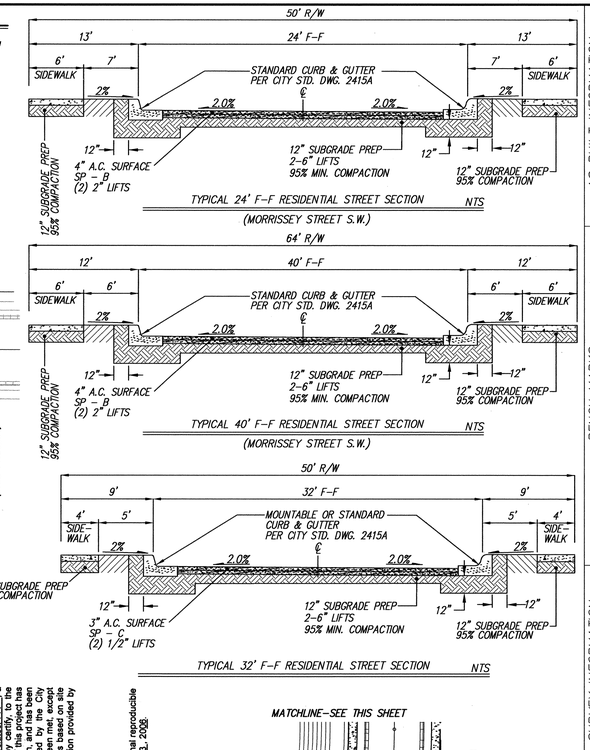
REVISED 6' VALLEY GUTTER DETAIL

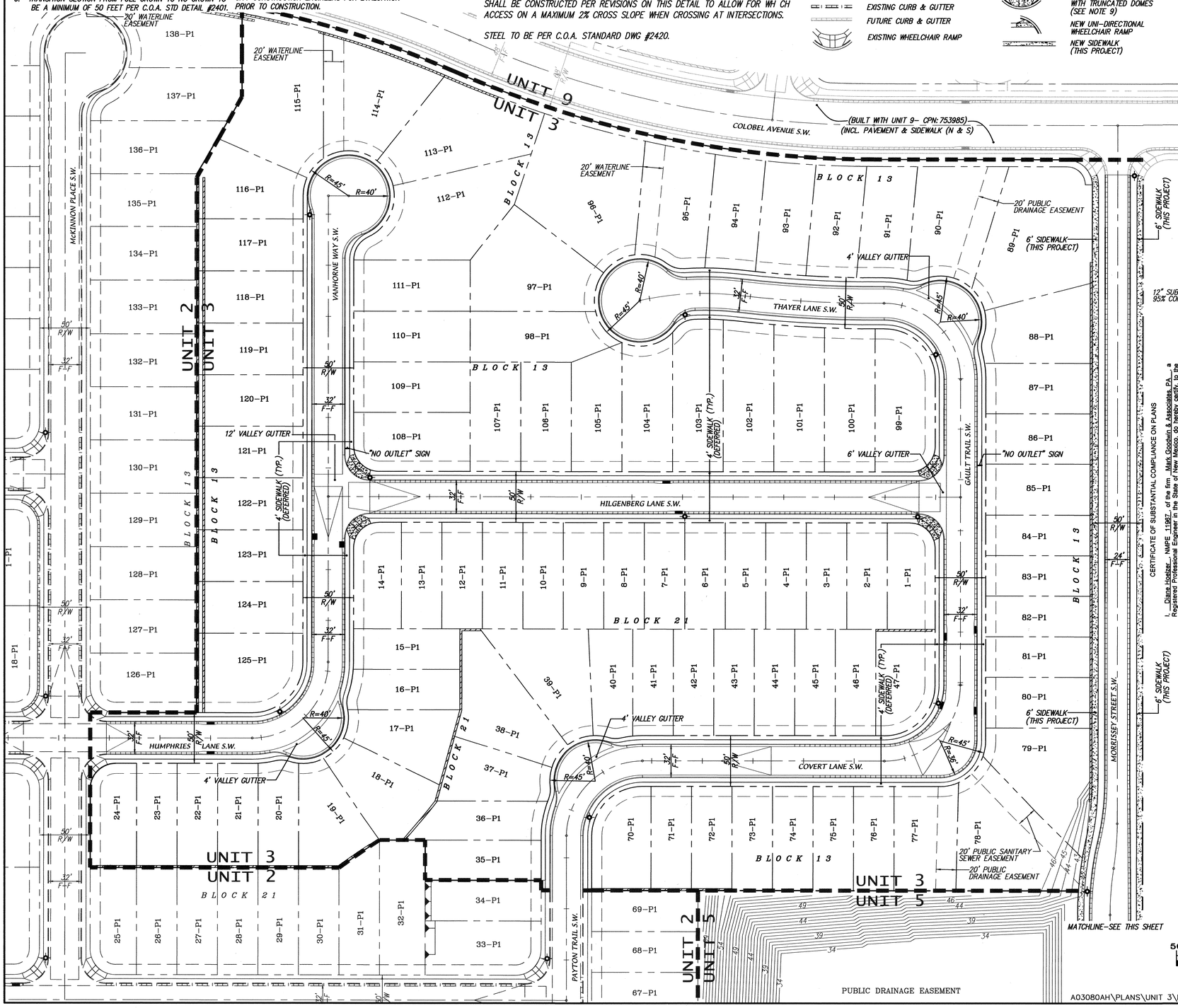
NOTE: TO COMPLY WITH CITY REQUIRED ADA STANDARDS ALL 6' VALLEY GUTTERS SHALL BE CONSTRUCTED PER REVISIONS ON THIS DETAIL TO ALLOW FOR WH CH ACCESS ON A MAXIMUM 2% CROSS SLOPE WHEN CROSSING AT INTERSECTIONS.

STEEL TO BE PER C.O.A. STANDARD DWG #2420.

LEGEND

- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW 4' SIDEWALK (DEFERRED)
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- EXISTING CURB & GUTTER
- FUTURE CURB & GUTTER
- EXISTING WHEELCHAIR RAMP
- NEW FULL CROWN TRANSITION
- NEW 1/2 CROWN TRANSITION
- UNIT BOUNDARY LINE
- NEW RETAINING WALL
- NEW STREET LIGHT (12)
- NEW WHEELCHAIR RAMP WITH TRUNCATED DOMES (SEE NOTE 9)
- NEW UNI-DIRECTIONAL WHEELCHAIR RAMP
- NEW SIDEWALK (THIS PROJECT)





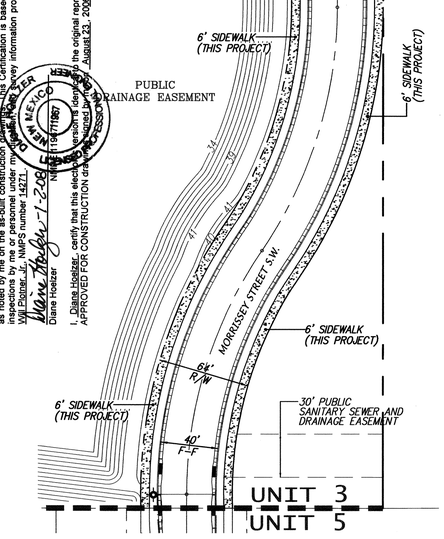
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A. Registered Professional Engineer in the State of New Mexico, certify that 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. I also certify that the original reproducible record drawings have been reviewed as noted by me on the as-built construction plans. This Certification is based on site inspections by me or personnel under my direct supervision. Survey information provided by Vail Engineering, Inc., NMPS number 14271.

Diane Hoelzer
NMPE 11967

I, Diane Hoelzer, certify that this electronic transmittal is a true and correct copy of the original reproducible APPROVED FOR CONSTRUCTION drawing signed and sealed on August 23, 2006.

Diane Hoelzer



UNIT 3
93 LOTS

SCALE: 1" = 50'

A03080AH\PLANS\UNIT 3\M-PAVE-UNIT3.dwg\08-23-06\DER ACH

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY Cartesian Surveys Inc.	
INSPECTOR'S CHANGE BY	DATE
FIELD VERIFICATION BY Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE, TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD. 0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2; WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998". X=360733.36, Y=1462437.48 (NAD 27). ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO DIANE HOELZER 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	05/06
DRAWN BY	DER	05/06
CHECKED BY	DMG	05/06

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:
ANDERSON HEIGHTS - UNIT 3
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER

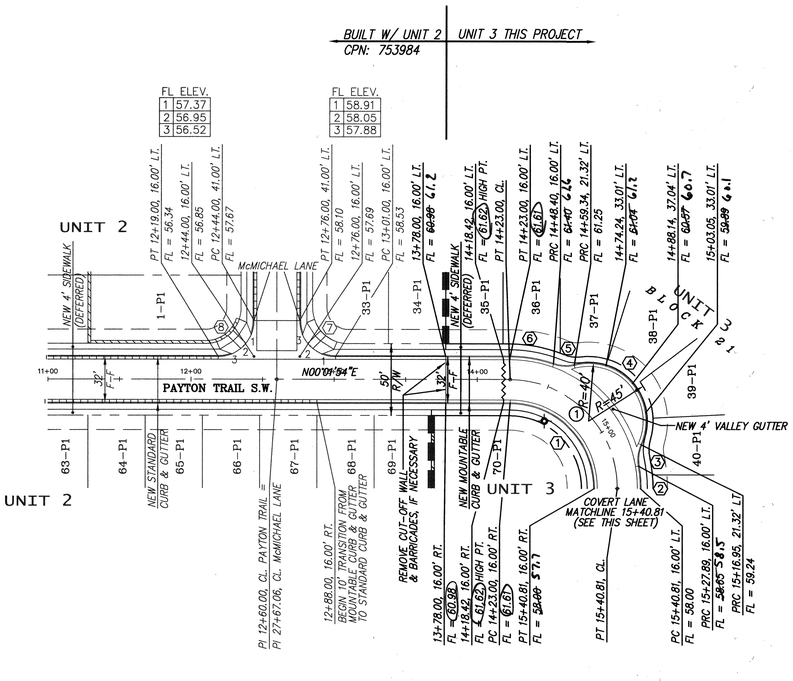
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	7	18

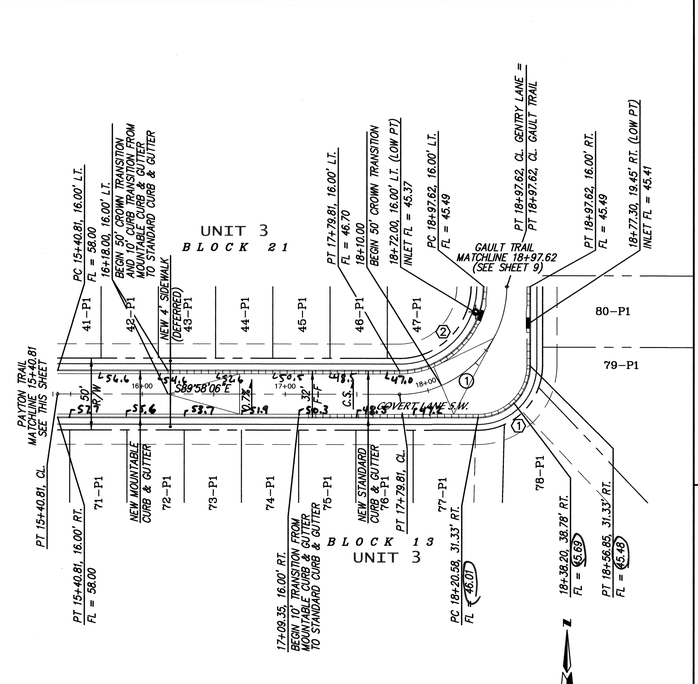
F:\AO3JOBS\A3080AH\PLANS\UNIT-3\M-PAVE-UNIT3.dwg, 8/28/2006 4:25:34 PM, Chris, DesignJet 1050C pc3

SCANNED BY PLANNING

RECORD DRAWINGS



PAYTON TRAIL S.W.
STA. 13+78.00 TO STA. 15+40.81
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



COVERT LANE S.W.
STA. 15+40.81 TO STA. 18+97.62
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

PAYTON TRAIL S.W.
CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 59.00' L = 92.68' T = 59.00'	② Δ = 9°52'04" R = 91.00' L = 15.67' T = 7.86'
③ Δ = 34°04'34" R = 25.00' L = 14.87' T = 7.66'	④ Δ = 128°52'58" R = 40.00' L = 89.98' T = 83.64'
⑤ Δ = 34°04'34" R = 25.00' L = 14.87' T = 7.66'	⑥ Δ = 19°24'06" R = 91.00' L = 30.81' T = 15.56'
⑦ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑧ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
⑨ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	⑩ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 90°00'00"
R = 75.00'
L = 117.81'
T = 75.00'

COVERT LANE S.W.
CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 36.00' L = 56.55' T = 36.00'	② Δ = 90°00'00" R = 59.00' L = 92.68' T = 59.00'

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 90°00'00"
R = 75.00'
L = 117.81'
T = 75.00'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

STATION "3–P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3–P10, 1998", X=360733.56, Y=1462437.48 (NAD 27). ELEV=4935.735 (SLD 29)

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY: Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY: DATE
MICRO–FILM INFORMATION
RECORDED BY: DATE
NO.

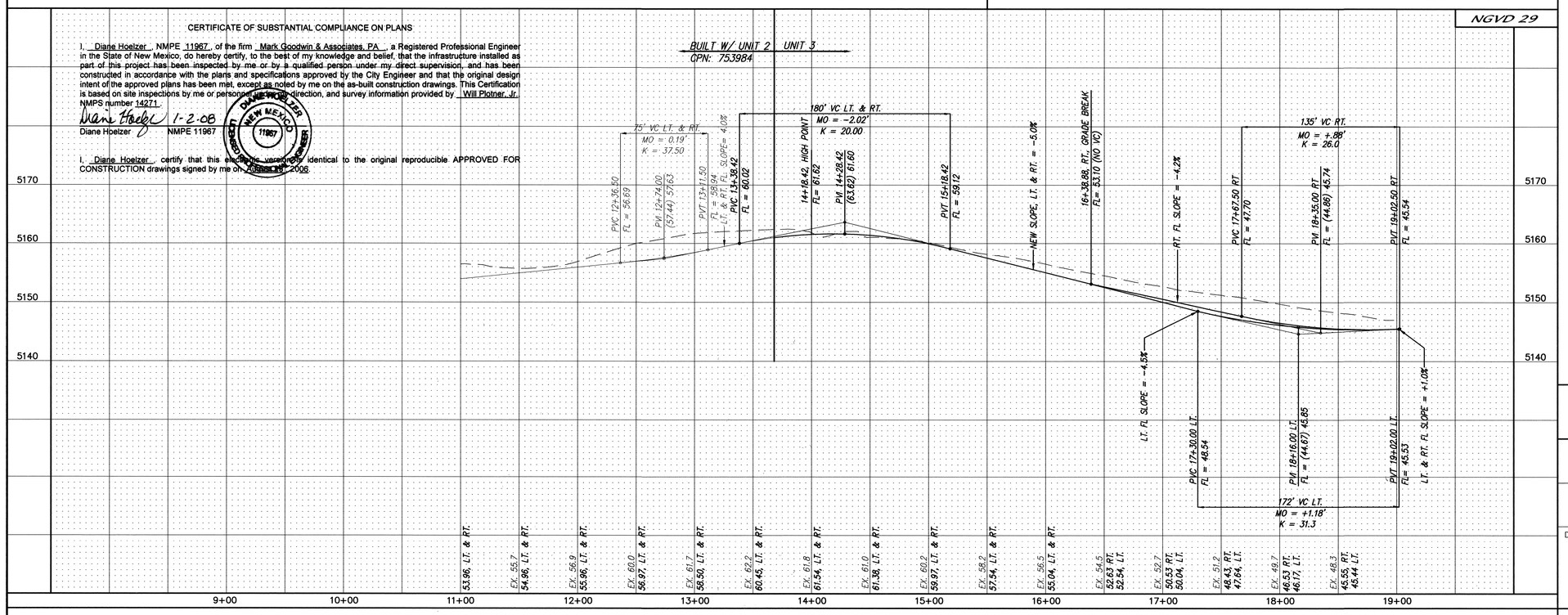
ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	GK	07/04
DRAWN BY	ACH	07/04
CHECKED BY	DMG	07/04



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Will Plotner, Jr. NMPS number 14271.

Diane Hoelzer 1-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on January 2, 2008.

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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: ANDERSON HEIGHTS - UNIT 3
PAYTON TRAIL S.W. & COVERT LANE S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE	APPROVED NOV 21 2006 CITY ENGINEER	LAST DESIGN UPDATE	

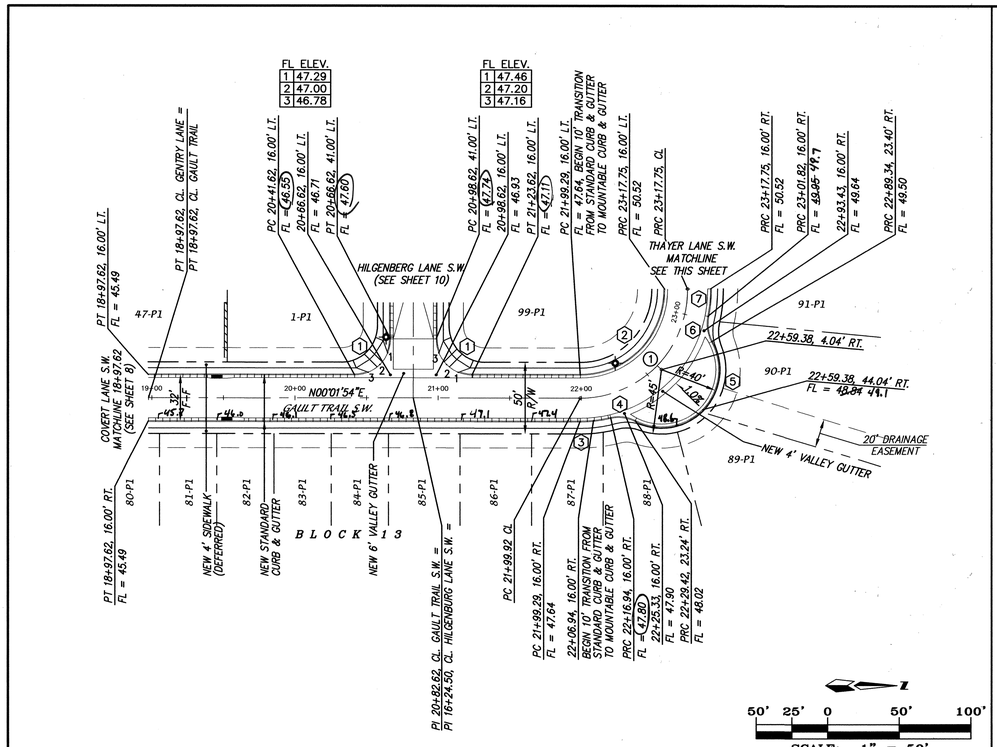
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	8	18

A3080AH/PLANS/UNIT–3/PAVING/PP–15.dwg/08–03–06/ACH MJR CAR DER

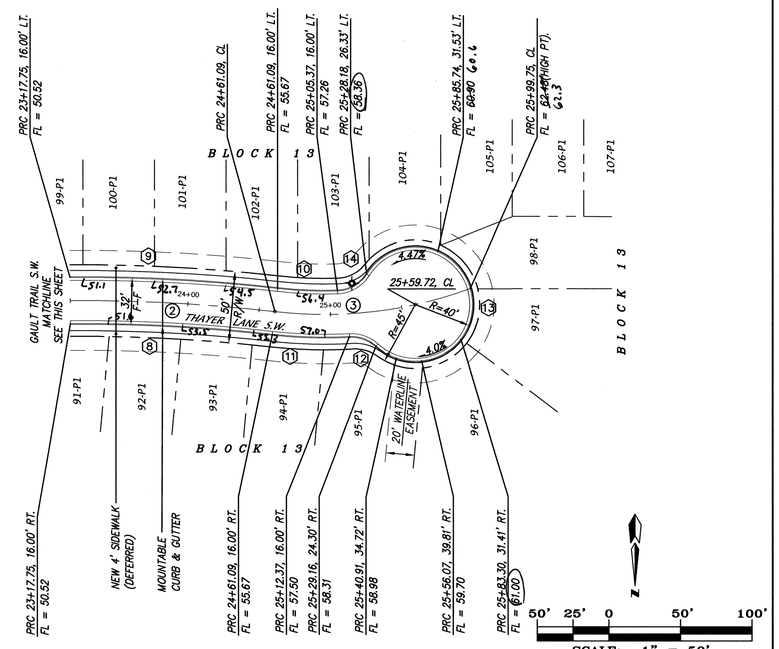
F:\A03JOBS\A3080AH\PLANS\UNIT-3\PAVING\PP-15.dwg, 8/22/2006 4:18:20 PM, Chris, DesignJet 1050C.pc3

PLANNED BY
PLANNING

RECORD DRAWINGS



GAULT TRAIL S.W.
STA. 18+97.62 TO STA. 23+17.75
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



THAYER LANE S.W.
STA. 23+17.75 TO STA. 25+99.75
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

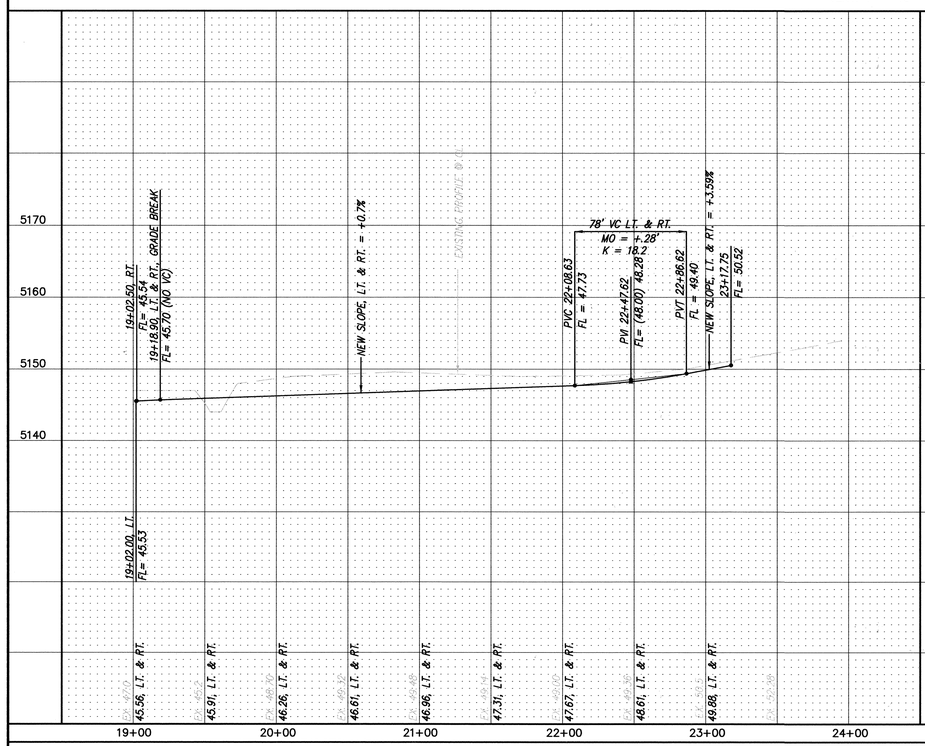
1. ALL STATIONING IS BASE ON ROAD CENTERLINE.

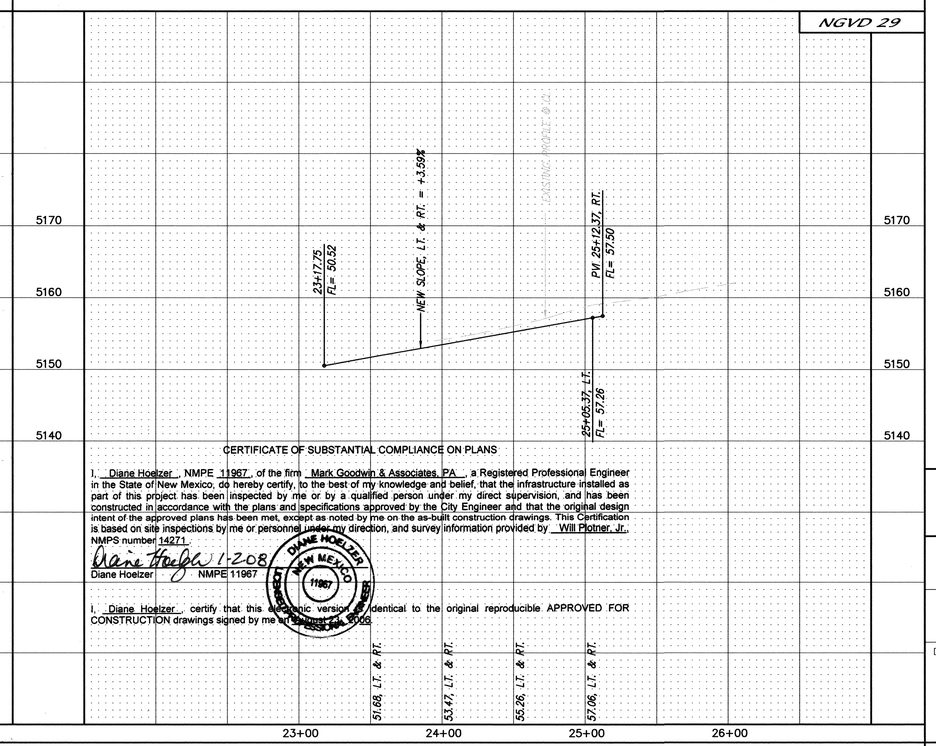
CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 90°29'41"	(2) Δ = 06°59'00"	(3) Δ = 18°50'19"
R = 75.00'	R = 1176.00'	R = 300.00'
L = 118.46'	L = 143.34'	L = 98.64'
T = 75.65'	T = 71.76'	T = 49.77'

CURVE DATA – DESCRIBES FACE OF NEW CURB

(1) Δ = 90°00'00"	(2) Δ = 90°29'41"	(3) Δ = 13°28'46"
R = 25.00'	R = 59.00'	R = 91.00'
L = 39.27'	L = 93.19'	L = 21.41'
T = 25.00'	T = 59.51'	T = 10.75'
(4) Δ = 41°41'37"	(5) Δ = 146°14'16"	(6) Δ = 40°41'37"
R = 25.00'	R = 40.00'	R = 25.00'
L = 17.76'	L = 102.09'	L = 17.76'
T = 9.27'	T = N/A	T = 9.27'
(7) Δ = 12°09'53"	(8) Δ = 06°59'00"	(9) Δ = 06°59'00"
R = 91.00'	R = 1160.00'	R = 1192.00'
L = 19.32'	L = 141.39'	L = 145.29'
T = 9.70'	T = 70.78'	T = 72.73'
(10) Δ = 08°27'25"	(11) Δ = 09°47'38"	(12) Δ = 46°30'56"
R = 284.00'	R = 316.00'	R = 25.00'
L = 41.92'	L = 54.02'	L = 20.30'
T = 21.00'	T = 27.07'	T = 10.74'
(13) Δ = 281°27'12"	(14) Δ = 56°16'29"	
R = 40.00'	R = 25.00'	
L = 196.49'	L = 24.55'	
T = N/A	T = 13.37'	





CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Will Plotner, Jr., NMPS number 14271.

11-2-06
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on August 24, 2006.

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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: ANDERSON HEIGHTS - UNIT 3
GAULT TRAIL S.W. & THAYER LANE S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE AUG 31 2006 DESIGN REVIEW COMMITTEE	APPROVE NOV 21 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	9	18

AS BUILT INFORMATION
CONTRACTOR WORK STAKED BY: Cartesian Surveys Inc. DATE
INSPECTOR'S CHANGE BY DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE
REVISIONS CORRECTED BY DATE

BENCH MARKS
STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE, TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=3584113, Y=1454349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER
8-23-06

NO.	DATE	REMARKS	BY

REVISIONS

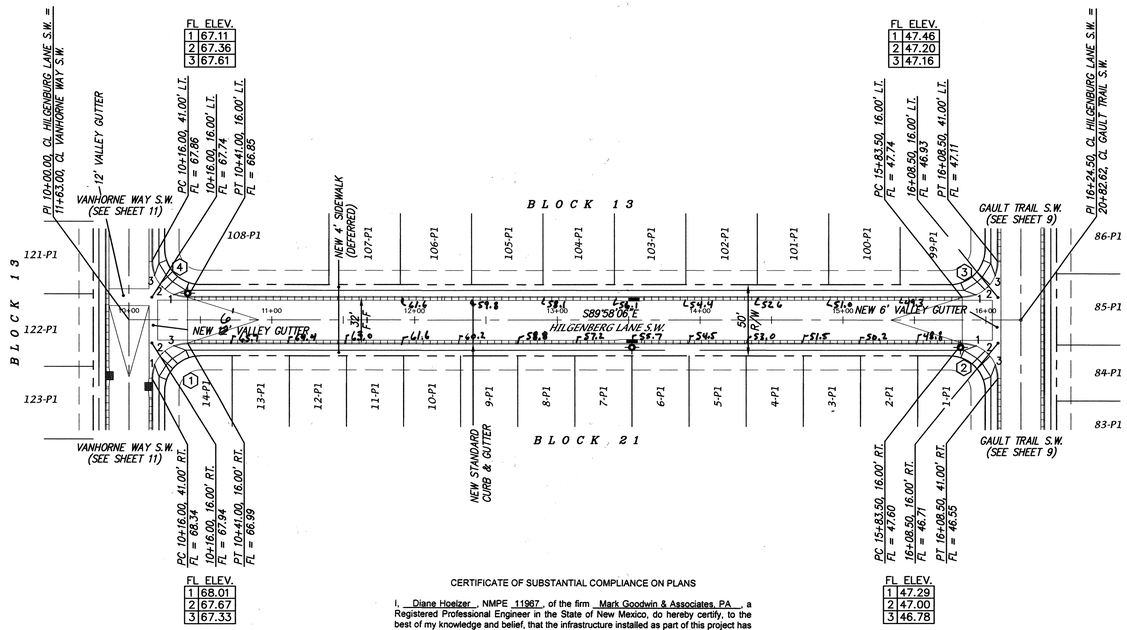
		DATE
DESIGN		
DESIGNED BY	GIK	10/04
DRAWN BY	MJR	10/04
CHECKED BY	DMG	10/04

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

A03080AH/PLANS/UNIT-3/PP-27.dwg/08-04-06/ MJR DLH CAR DER ACH

I:\A03JOBS\A3080AH\PLANS\UNIT-3\PAVING\PP-27.dwg, 8/18/2006 11:04:03 AM, Chris, DesignJet 1050C.pc3

RECORD DRAWINGS



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

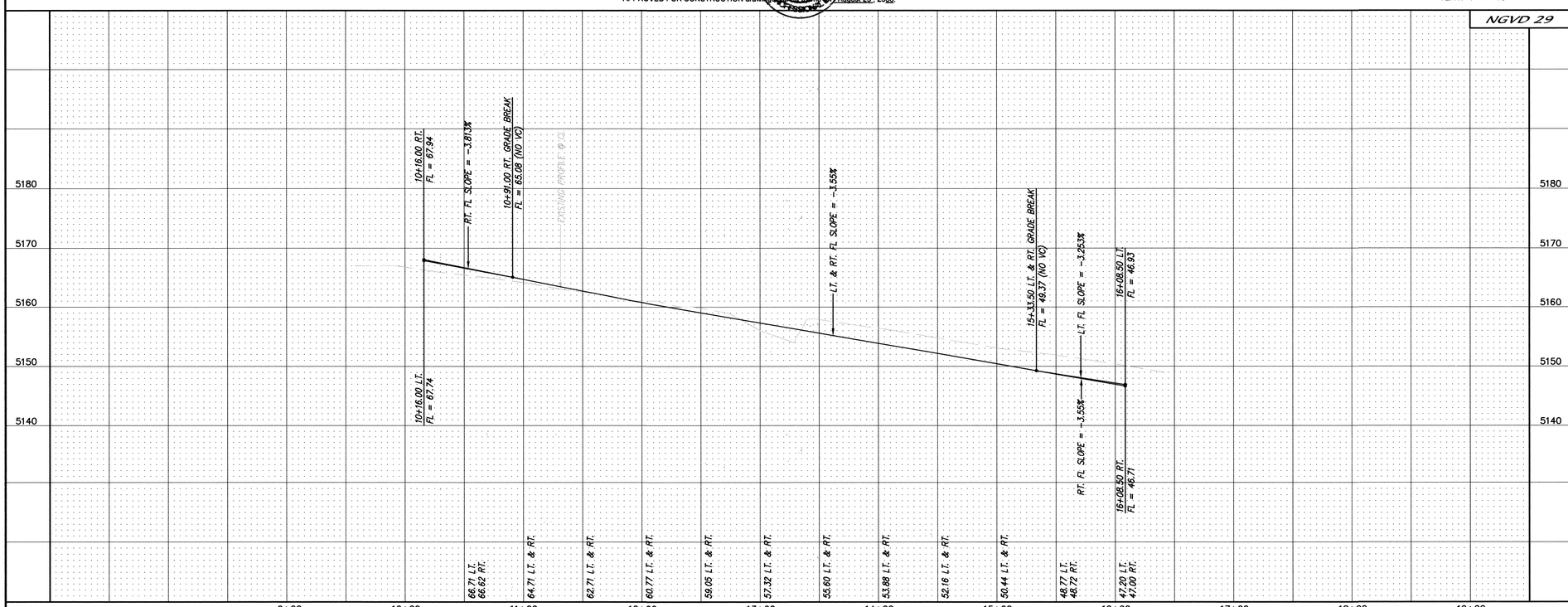
I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person 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 Will Plotner, Jr., NMPS number 14271.

Diane Hoelzer 1-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed by me on August 23, 2006.

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

HILGENBERG LANE S.W.
STA. 10+00.00 TO STA. 16+24.50
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A3080AH/PLANS/UNIT-3/PAVING/PP-25.dwg/08-04-06/MJR ACH DER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES FACE OF NEW CURB

1 Δ = 90°00'00"	2 Δ = 90°00'00"	3 Δ = 90°00'00"
R = 25.00'	R = 25.00'	R = 25.00'
L = 39.27'	L = 39.27'	L = 39.27'
T = 25.00'	T = 25.00'	T = 25.00'

4 Δ = 90°00'00"
R = 25.00'
L = 39.27'
T = 25.00'

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "2-P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2-P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35941.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY	GIK	DATE 11/04
DRAWN BY	MJR	DATE 11/04
CHECKED BY	DMG	DATE 11/04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *ANDERSON HEIGHTS - UNIT 3*
HILGENBERG LANE S.W.
PAVING IMPROVEMENTS

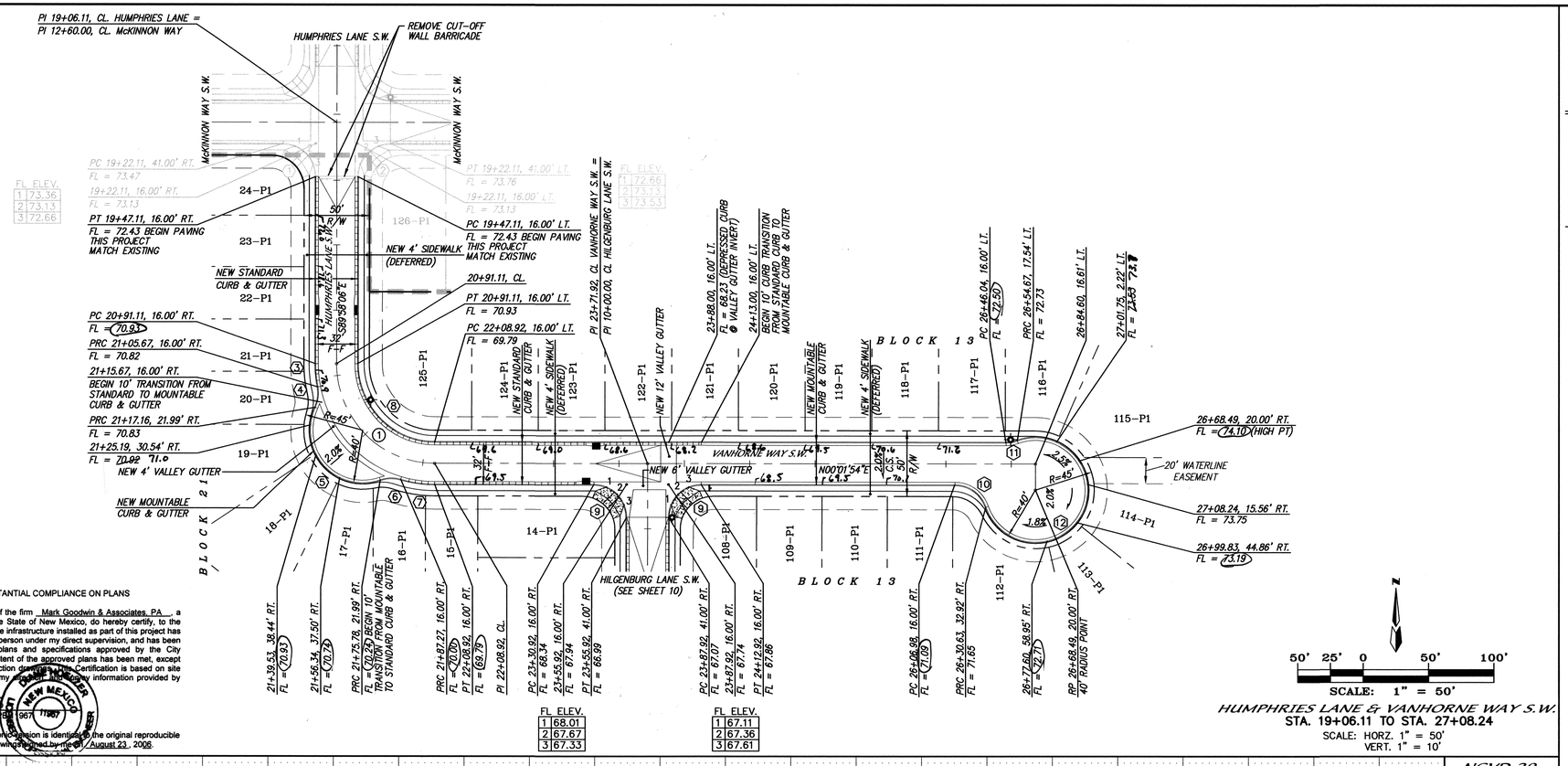
DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	10	18

RECORD DRAWINGS



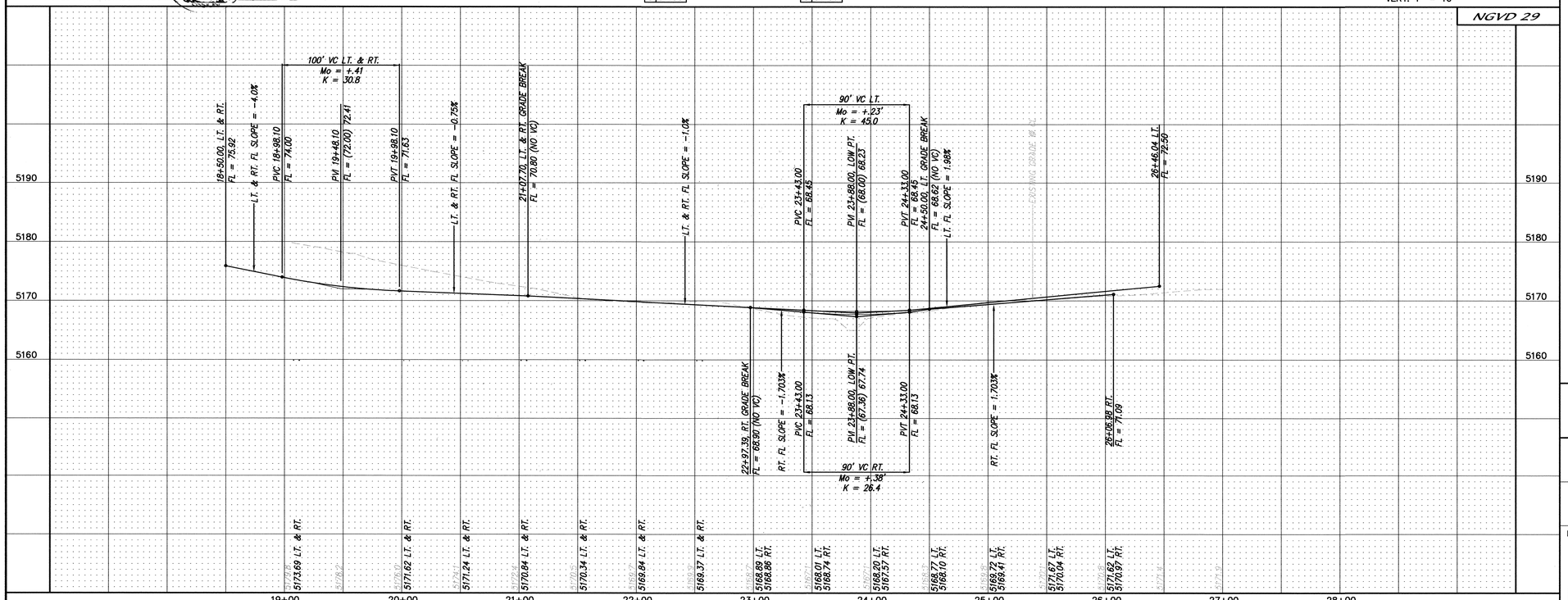
HUMPHRIES LANE & VANHORNE WAY S.W.
STA. 19+06.11 TO STA. 27+08.24
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 supervision and on survey information provided by Will Plotner, Jr., NMPS number 14271.

Diane Hoelzer 1-2-06
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on August 23, 2006.



A3080AH/PLANS/UNIT- 3/PAVING/PP-7B.dwg/08-17-06/DER ACH

NOTES

1. ALL STATIONING IS BASED ON BEAKER RD. CENTERLINE.

CURVE DATA – DESCRIBES CENTERLINE

① L=117.81
R=75.00
Δ=90°00'00"
Tan=75.00

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 = 11°07'16" R = 91.00' L = 17.66' T = 8.86'
④ Δ = 36°18'16" R = 25.00' L = 15.84' T = 8.20'
⑤ Δ = 134°57'07" R = 40.00' L = 94.21' T = 96.45'
⑥ Δ = 36°18'16" R = 25.00' L = 15.84' T = 8.20'
⑦ Δ = 16°32'10" R = 91.00' L = 26.26' T = 13.22'
⑧ Δ = 90°00'00" R = 59.00' L = 92.68' T = 59.00'
⑨ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
⑩ Δ = 71°09'03" R = 25.00' L = 31.05' T = 17.88'
⑪ Δ = 20°12'15" R = 25.00' L = 8.82' T = 4.45'
⑫ Δ = 271°21'22" R = 40.00' L = 189.44' T = N/A

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.,0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2, WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998",
X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER
8-23-06

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	JDH	05/05
DRAWN BY	DER	05/05
CHECKED BY	DMG	05/05

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

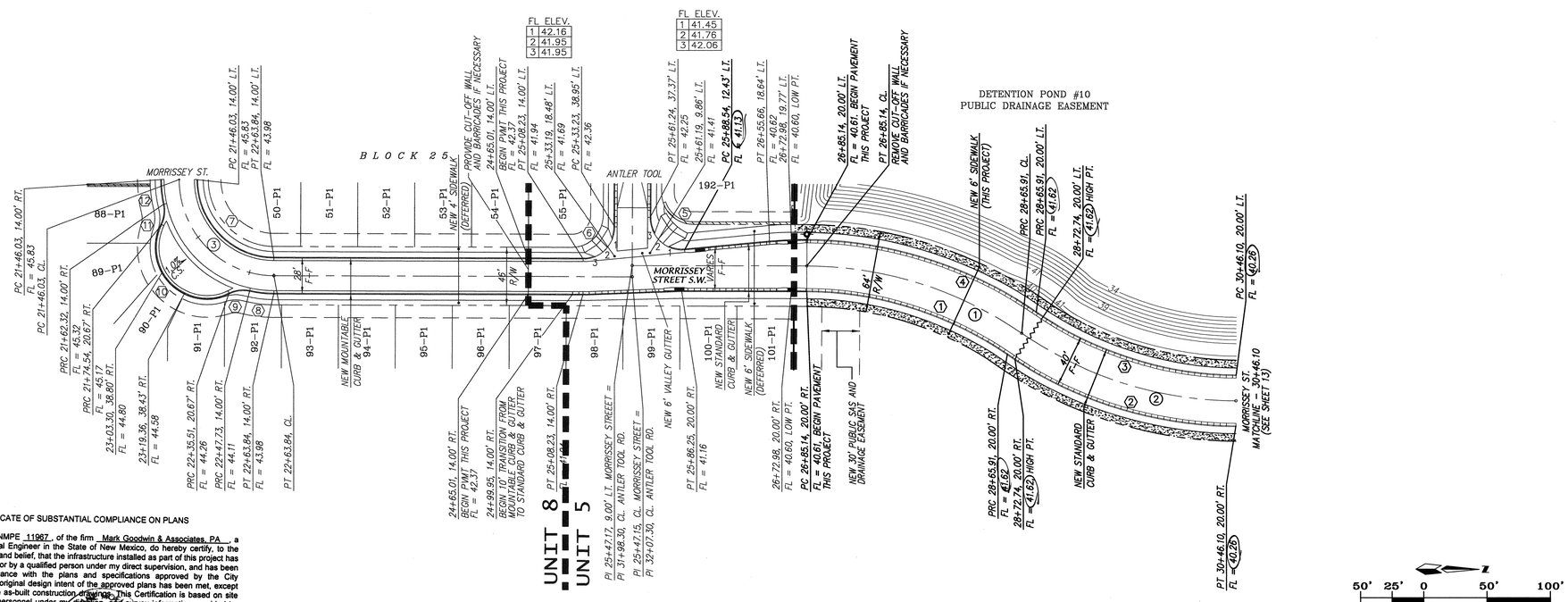
TITLE: ANDERSON HEIGHTS UNIT 3
HUMPHRIES LANE S.W. & VANHORNE WAY S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	11	18

RECORD DRAWINGS



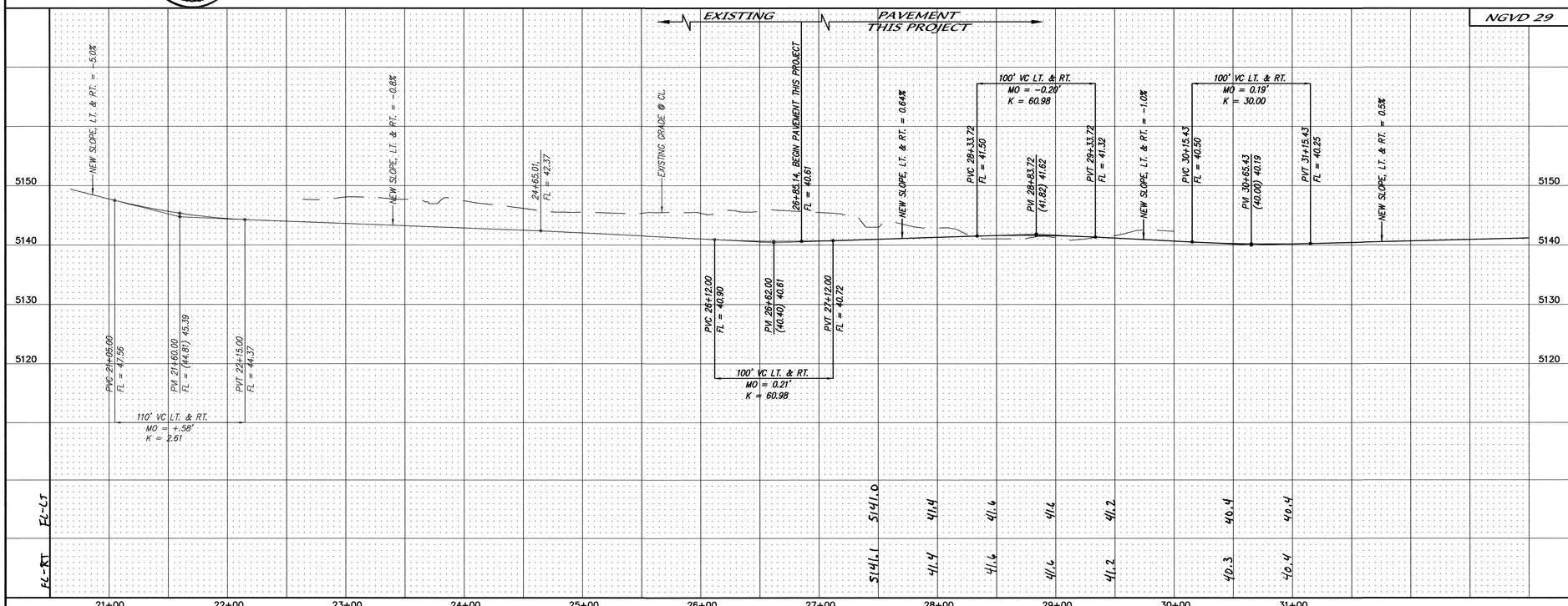
MORRISSEY ST. S.W.
STA. 26+85.14 TO STA. 30+46.10
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Will Plotner, Jr., NMPS number 14271.

1-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed by me on August 23, 2006.



A3080AH/PLANS/UNIT-3/PAVING/PP-22A.dwg/08-28-06/ACH GJK DER

NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF MORRISSEY ST.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 34°31'28" R = 280.00' L = 168.72' T = 87.01'	② Δ = 34°24'54" R = 320.00' L = 192.21' T = 99.10'	③ Δ = 34°24'54" R = 280.00' L = 168.18' T = 86.71'
④ Δ = 39°48'36" R = 320.00' L = 222.34' T = 115.87'	⑤ Δ = 95°23'42" R = 25.00' L = 41.62' T = 27.47'	⑥ Δ = 89°53'25" R = 25.00' L = 39.22' T = 24.95'
⑦ Δ = 90°00'00" R = 61.00' L = 95.82' T = 61.00'	⑧ Δ = 12°18'13" R = 89.00' L = 19.11' T = 9.59'	⑨ Δ = 38°23'03" R = 25.00' L = 16.75' T = 8.70'
⑩ Δ = 142°01'07" R = 40.00' L = 99.15' T = 116.23'	⑪ Δ = 38°23'03" R = 25.00' L = 16.75' T = 8.70'	⑫ Δ = 12°26'45" R = 89.00' L = 19.33' T = 9.70'

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 34°31'28" R = 300.00' L = 180.77' T = 93.22'	② Δ = 34°24'54" R = 300.00' L = 180.20' T = 92.91'	③ Δ = 90°00'00" R = 75.00' L = 117.81' T = 75.00'

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

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

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	GJK	06/04
DRAWN BY	GJK	06/04
CHECKED BY	DMG	06/04

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc	DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY		DATE
NO.		

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.,0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998". X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SID 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO DIANE HOELZER 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS - UNIT 3
MORRISSEY STREET S.W.
PAVING IMPROVEMENTS

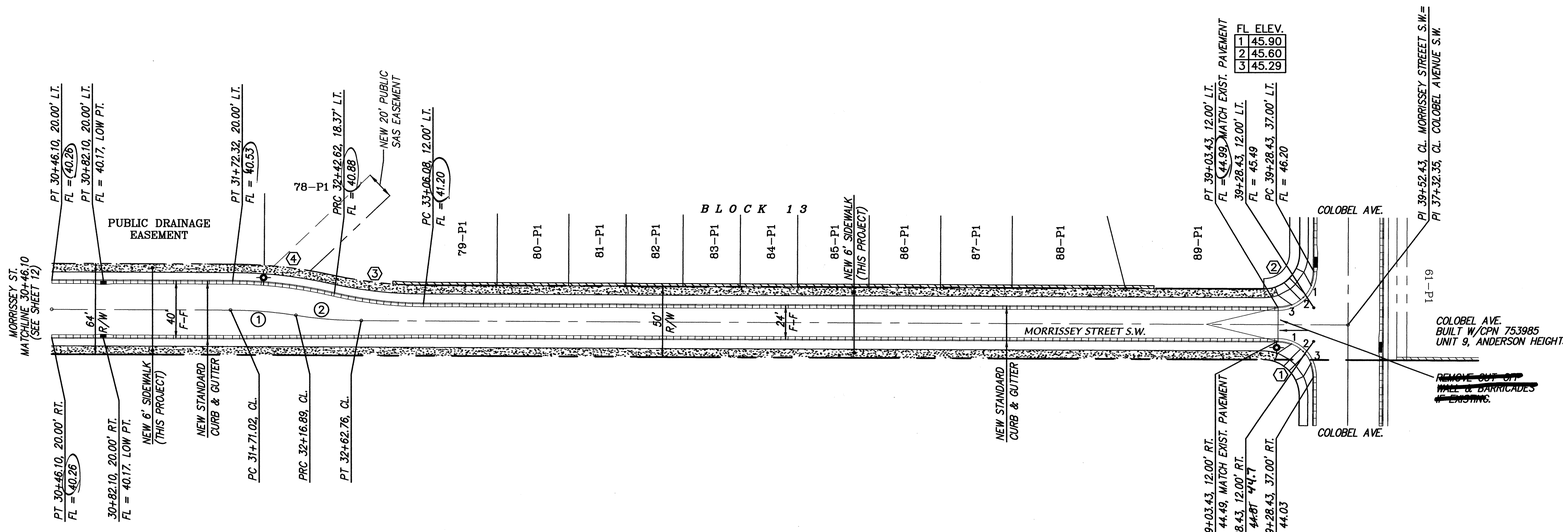
DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	12	18

RECORD DRAWINGS



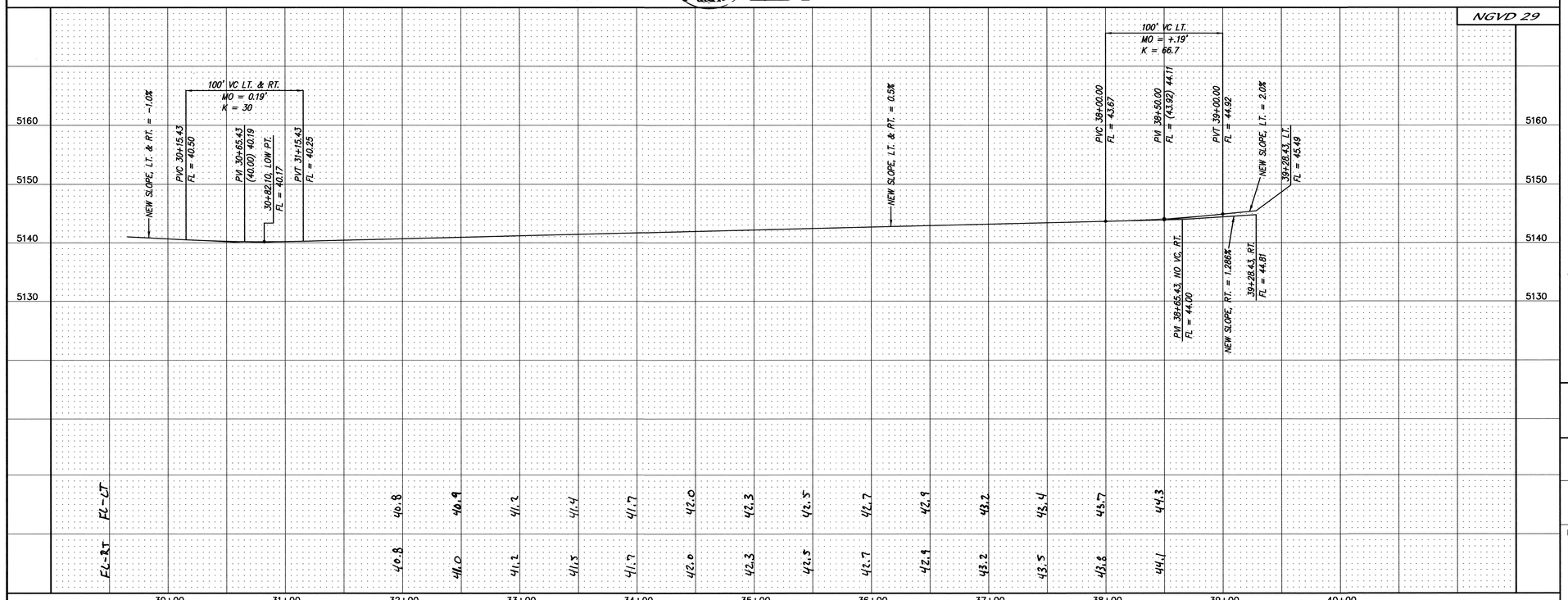
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 plans. Certification is based on site inspections by me or personnel under my direction, and survey information provided by Wil Plotner, Jr., NMPS number 14271.

Diane Hoelzer 11-20-06

Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed by me on August 23, 2006.



A3080AH/PLANS/UNIT-3/PAVING/PP-23.dwg/08-28-06/ACH MJR DER

NOTES

1. ALL STATIONING IS SANITARY SEWER STATIONING.

CURVE DATA – DESCRIBES FACE OF CURB

①	②
Δ = 90°00'00"	Δ = 90°00'00"
R = 25.00'	R = 25.00'
L = 39.27'	L = 39.27'
T = 25.00'	T = 25.00'

③	④
Δ = 12°50'19"	Δ = 12°50'19"
R = 280.00'	R = 320.00'
L = 62.74'	L = 71.70'
T = 31.50'	T = 36.00'

CURVE DATA – DESCRIBES CENTERLINE

①	②
Δ = 8°45'38"	Δ = 8°45'38"
R = 300.00'	R = 300.00'
L = 45.87'	L = 45.87'
T = 22.98'	T = 22.98'

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

AS BUILT INFORMATION
CONTRACTOR / WORK STAKED BY Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2; WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998"
X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	GIK	06/04
DRAWN BY	ACH	06/04
CHECKED BY	DMG	06/04

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

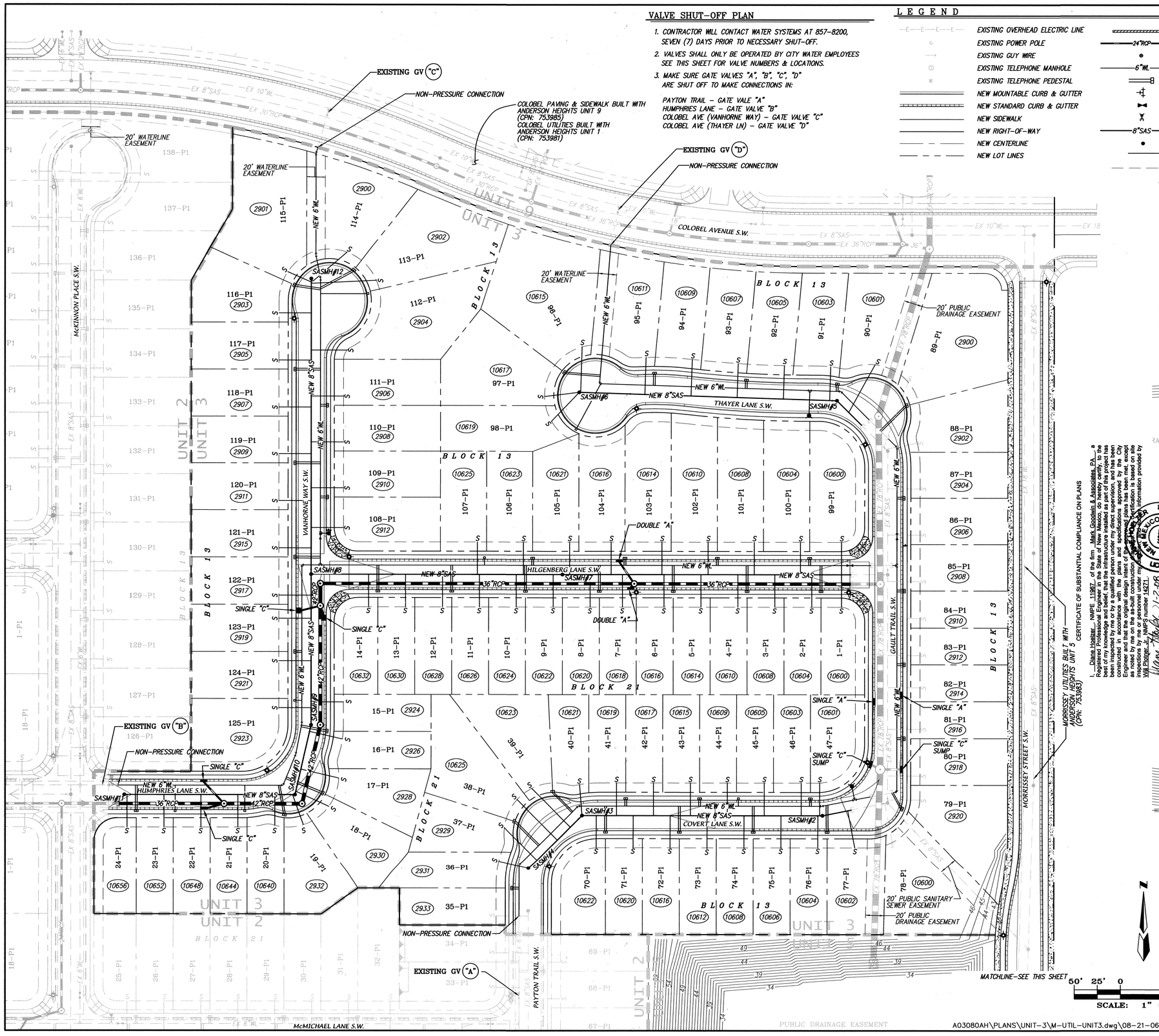
TITLE: ANDERSON HEIGHTS - UNIT 3
MORRISSEY ST. S.W.
PAVING IMRPOVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	13	18

SCANNED BY PLANNING

RECORD DRAWINGS



VALVE SHUT-OFF PLAN

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, SEVEN (7) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY CITY WATER EMPLOYEES SEE THIS SHEET FOR VALVE NUMBERS & LOCATIONS.
3. MAKE SURE GATE VALVES "A", "B", "C", "D" ARE SHUT OFF TO MAKE CONNECTIONS IN:

PAYTON TRAIL – GATE VALE "A"
HUMPHRIES LANE – GATE VALVE "B"
COLOBEL AVE (VANHORNE WAY) – GATE VALVE "C"
COLOBEL AVE (THAYER LN) – GATE VALVE "D"

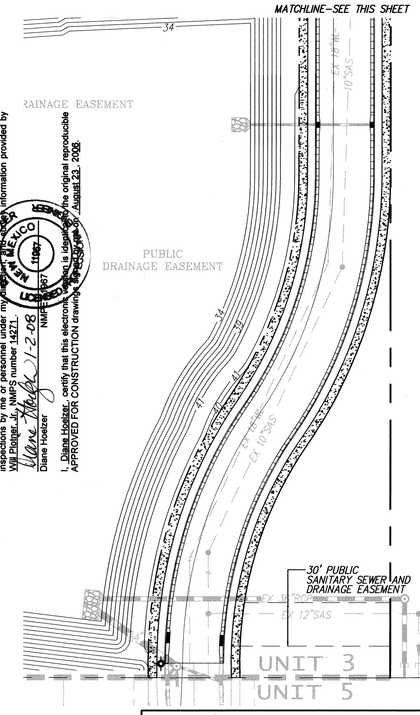
LEGEND

EXISTING OVERHEAD ELECTRIC LINE	NEW RETAINING WALL	(7310)	NEW LOT ADDRESS
EXISTING POWER POLE	24"RCP — NEW STORM DRAIN		NEW STREET LIGHT (12)
EXISTING GUY WIRE	NEW STORM DRAIN MH	S	EXISTING SAS SERVICE
EXISTING TELEPHONE MANHOLE	6"WL — NEW WATERLINE	EX 8"SAS	EXISTING SAS
EXISTING TELEPHONE PEDESTAL	NEW WATER METERS	EX 6"WL	EXISTING WATERLINE
NEW MOUNTABLE CURB & GUTTER	NEW TEE	EX 24"RCP	EXISTING STORM DRAIN
NEW STANDARD CURB & GUTTER	NEW VALVE		
NEW SIDEWALK	NEW FIRE HYDRANT		
NEW RIGHT-OF-WAY	8"SAS — NEW SAS		
NEW CENTERLINE	NEW SAS MH		
NEW LOT LINES	S — NEW SAS SERVICES		
	NEW EASEMENTS		

STANDARD UTILITY NOTES

1. ALL WATERLINE IS C-900 PIPE & ALL SANITARY SEWER IS SDR35 PVC PIPE & ALL STORM DRAIN IS RCP CLASS III UNLESS NOTED OTHERWISE ON THE PLANS.
2. EMD'S SHALL BE INSTALLED ON ALL WATERLINE & SANITARY SEWER APPURTENANCES AS PER SECTION 170 OF STANDARD SPECIFICATIONS.
3. ALL WATERLINE SERVICES SHALL BE ¾" UNLESS NOTED OTHERWISE ON PLANS.
4. ALL GATE VALVES PER STANDARD DWG #2326 & #2328.
5. MANHOLE TYPE "C" PER STANDARD DWG #2101.
6. MANHOLE TYPE "E" PER STANDARD DWG #2102.
7. WATER SERVICES PER STANDARD DWG #2362 & #2368 (FOR ¾" AND 1" SERVICES) AND STANDARD DWG #2363 & #2367 (FOR 1½" & 2" SERVICES).
8. SAS SERVICES INTO MAIN LINE PER STANDARD DWG #2125.
9. SAS SERVICES INTO MANHOLES PER STANDARD DWG #2118.

MATCHLINE-SEE THIS SHEET



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11987, of the firm Mark Goodwin & Associates, P.A. hereby certify that the following plans were prepared in conformance with the Rules and Regulations governing Engineering and Surveying in the State of New Mexico 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 as-built construction information provided by me or personnel under my direct supervision is true and accurate to the best of my knowledge as noted by me on the as-built construction drawings. Certification is based on site inspections by me or personnel under my direct supervision, and on information provided by MW Dodge, Inc. MWD number 15427.

Diane Hoelzer 11-2-06
Diane Hoelzer

I, Diane Hoelzer, certify that this electronic file is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed on August 23, 2006.

MORRISSEY UTILITIES BUILT WITH ANDERSON HEIGHTS UNIT 5 (CPN: 753983)

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY	Cartesian Surveys Inc.	DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2; WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998", X=360733.56, Y=1462437.48 (NAD 27). ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY	DATE
		DESIGN		

DESIGNED BY	DLH	05/06
DRAWN BY	DER	05/06
CHECKED BY	DMG	05/06

ENGINEER'S SEAL

NEW MEXICO DIANE HOELZER 11987 LICENSED PROFESSIONAL ENGINEER 8-23-06

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: ANDERSON HEIGHTS - UNIT 3
MASTER UTILITY PLAN

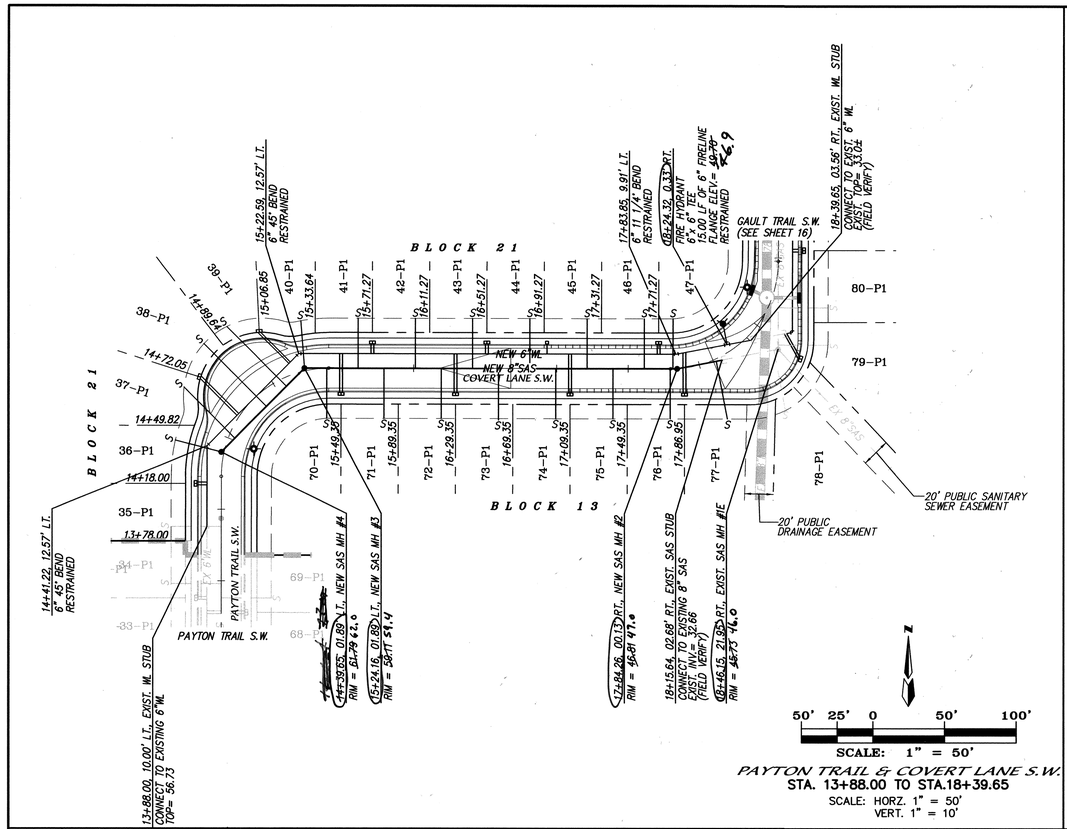
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE	APPROVED NOV 21 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	14	18

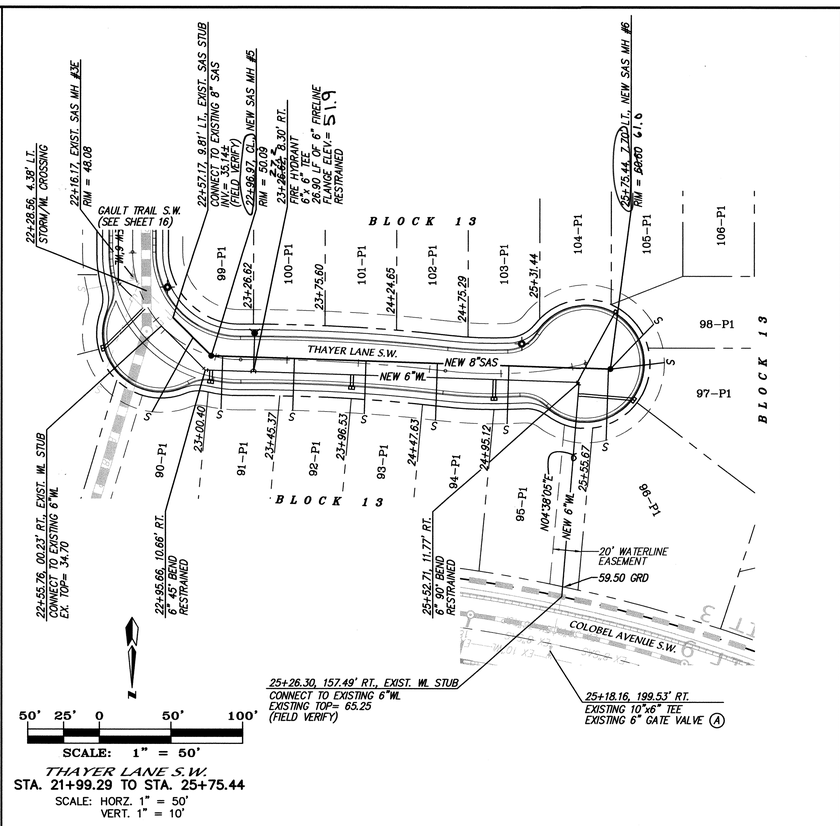
A03080AH\PLANS\UNIT-3\M-UTIL-UNIT3.dwg\08-21-06\DER DLH ACH

I:\A03JOBS\A3080AH\PLANS\UNIT-3\AC AD-M-UTIL-UNIT3.dwg, 8/22/2006 9:35:01 AM, Chris, Designjet 1050C.pc3

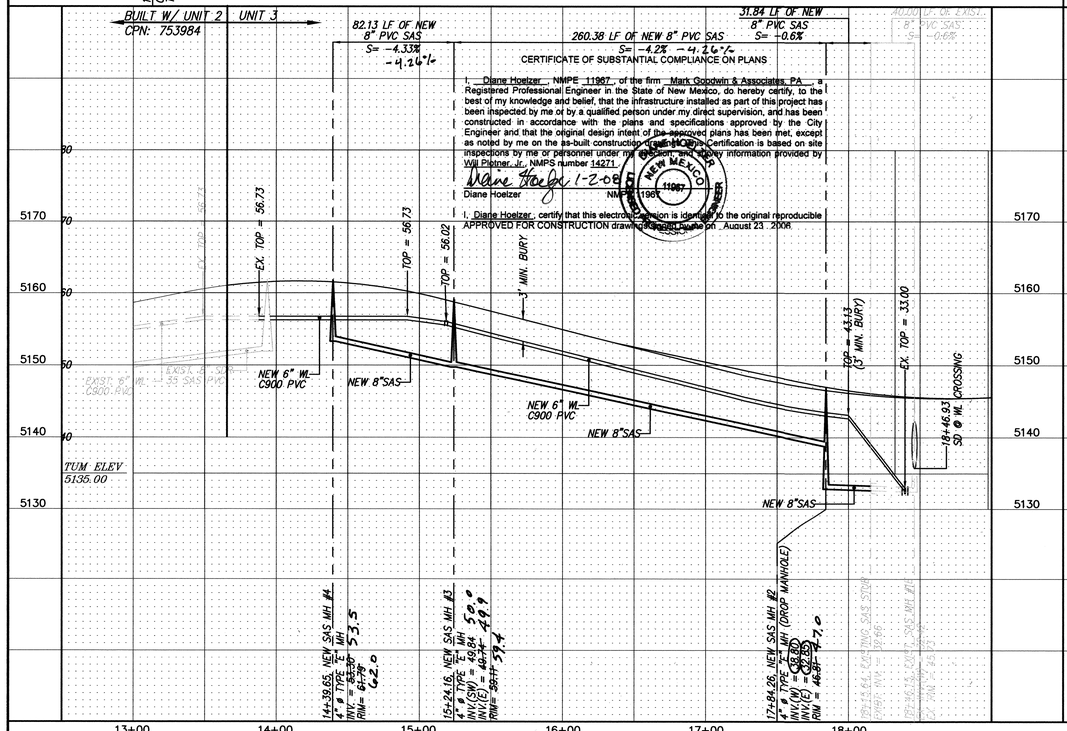
RECORD DRAWINGS



PAYTON TRAIL & COVERT LANE S.W.
STA. 13+88.00 TO STA.18+39.65
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



THAYER LANE S.W.
STA. 21+99.29 TO STA. 25+75.44
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

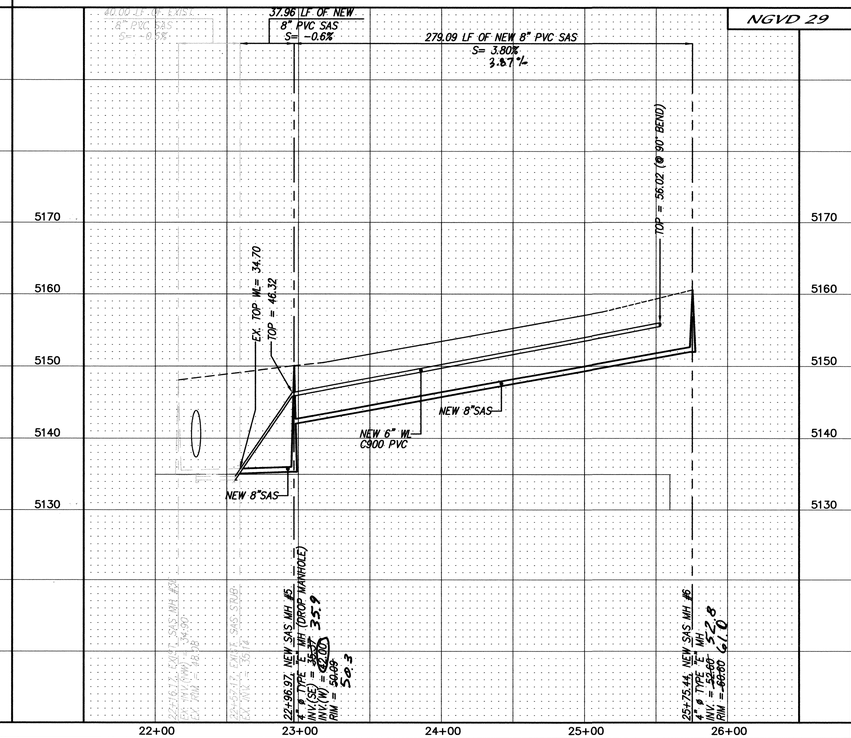


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 supervision, and survey information provided by Will Plotner Jr., NMPS number 14271.

Diane Hoelzer 1-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing bearing my seal on August 23, 2006.



A3080AH/PLANS/UNIT- 3/UTILITIES/UT-27B.dwg/08-17-06/DER ACH

NOTES

1. ALL STATIONING IS BASED ON COVERT & THAYER CENTERLINE.
2. ALL STORM DRAIN PIPE LENGTHS ARE BASED ON CENTERLINE OF MANHOLES.

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Plotner 7/10/07

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	70–P1	15+38.08	53.06	35.03'
13	71–P1	15+79.35	50.99	35.00'
13	72–P1	16+19.35	48.98	35.00'
13	73–P1	16+59.35	47.17	35.00'
13	74–P1	16+99.35	45.48	35.00'
13	75–P1	17+39.35	43.80	35.00'
13	76–P1	17+79.35	42.15	35.00'
13	77–P1	18+05.69	41.32	41.00'
13	90–P1	22+79.42	44.65	59.29'
13	91–P1	23+08.14	45.32	36.67'
13	92–P1	23+54.91	46.85	36.12'
13	93–P1	24+06.50	48.70	36.79'
13	94–P1	24+58.04	50.55	39.65'
13	95–P1	25+03.30	52.17	40.42'
13	96–P1	25+61.93	54.94	49.52'
13	97–P1	26+11.23	54.83	37.97'
13	98–P1	26+14.56	55.54	43.57'
21	36–P1	14+40.20	56.53	33.12'
21	37–P1	14+64.13	56.10	50.17'
21	38–P1	14+83.89	55.53	61.73'
21	39–P1	14+95.76	54.97	59.04'
21	40–P1	15+27.42	53.59	33.35'
21	41–P1	15+61.27	51.90	35.00'
21	42–P1	16+01.27	49.89	35.00'
21	43–P1	16+41.27	47.93	35.00'
21	44–P1	16+81.27	46.24	35.00'
21	45–P1	17+21.27	44.56	35.00'
21	46–P1	17+61.27	42.88	35.00'
21	47–P1	17+82.54	42.03	35.00'

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'

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

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE
INSPECTOR'S ACCEPTANCE	BY	DATE
FIELD VERIFICATION	BY Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED	BY	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

STATION "3–P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2'. WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3–P10, 1998", X=360733.56, Y=1462437.48 (NAD 27). ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	05/06
DRAWN BY	DER	05/06
CHECKED BY	DMG	05/06

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS UNIT 3
PAYTON TRAIL, COVERT LANE & THAYER LANE S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE	APPROVED NOV 21 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	15	18

RECORD DRAWINGS

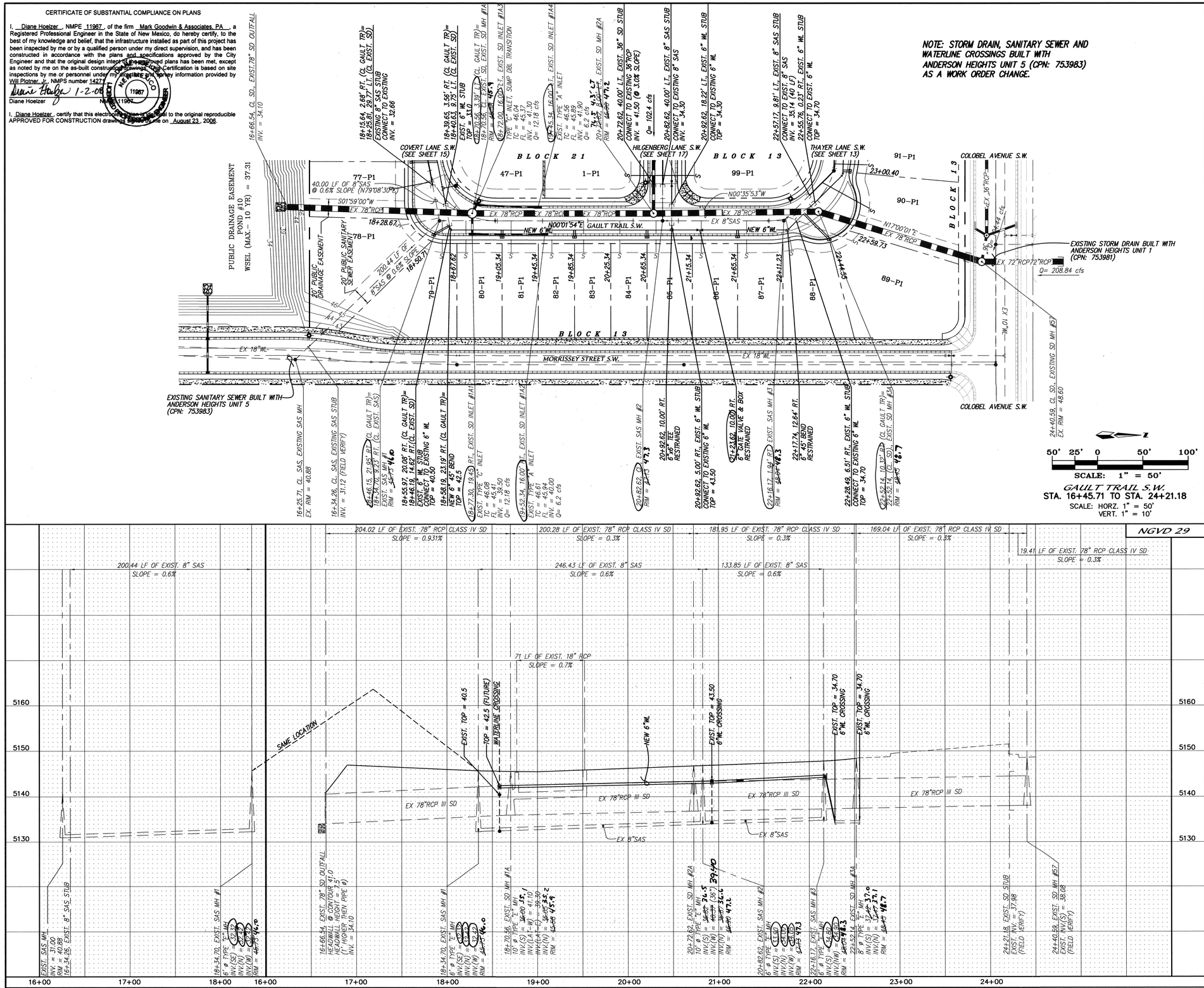
SCANNED BY PLANNING

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11987, 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 direct supervision and survey information provided by Will Plotner, Jr., NMPS number 14271.

Diane Hoelzer 1-2-06 NMPE 11987

I, Diane Hoelzer, certify that this electronic drawing is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed by me on August 23, 2006.



NOTES

1. ALL STATIONING IS BASED ON GAULT TRAIL CENTERLINE.
2. ALL STORM DRAIN PIPE LENGTHS ARE BASED ON CENTERLINE OF MANHOLES.

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GAULT TRAIL S.W. – ANDERSON HEIGHTS UNIT 3

STORM DRAIN SUMMARY TABLE

LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH#1A	OUTFALL	452	15–21	45.58	41.62	47.0	37.31
MH#2A	MH#1A	415	12.5	46.90	44.40	45.58	43.08
MH#3A	MH#2A	313	9.4	48.45	47.33	46.90	46.55
MH#57	MH#3A	313	9.4	48.60	48.14	48.45	47.33

EXISTING SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	78–P1	18+29.25	40.77	42.02'
13	79–P1	18+60.97	40.66	35.03'
13	80–P1	18+76.21	38.62	35.00'
13	81–P1	19+15.34	38.67	35.00'
13	82–P1	19+60.34	40.98	35.00'
13	83–P1	19+95.34	41.23	35.00'
13	84–P1	20+35.34	41.51	35.00'
13	85–P1	20+75.34	41.79	35.00'
13	86–P1	21+25.34	42.14	35.00'
13	87–P1	21+75.34	42.49	35.00'
13	88–P1	22+17.22	42.80	34.69'
13	89–P1	22+56.25	43.44	75.46'

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

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	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
6"x6"x6"	10'	2'

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

AS BUILT INFORMATION

CONTRACTOR / WORK STAKED BY: Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.,0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2; WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998", ELEV=4935.735 (SLD 29) X=360733.56, Y=1462437.48 (NAD 27).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11987 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	05/06
DRAWN BY	DER	05/06
CHECKED BY	DMG	05/06

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS UNIT 3
GAULT TRAIL S.W.
UTILITY IMPROVEMENTS

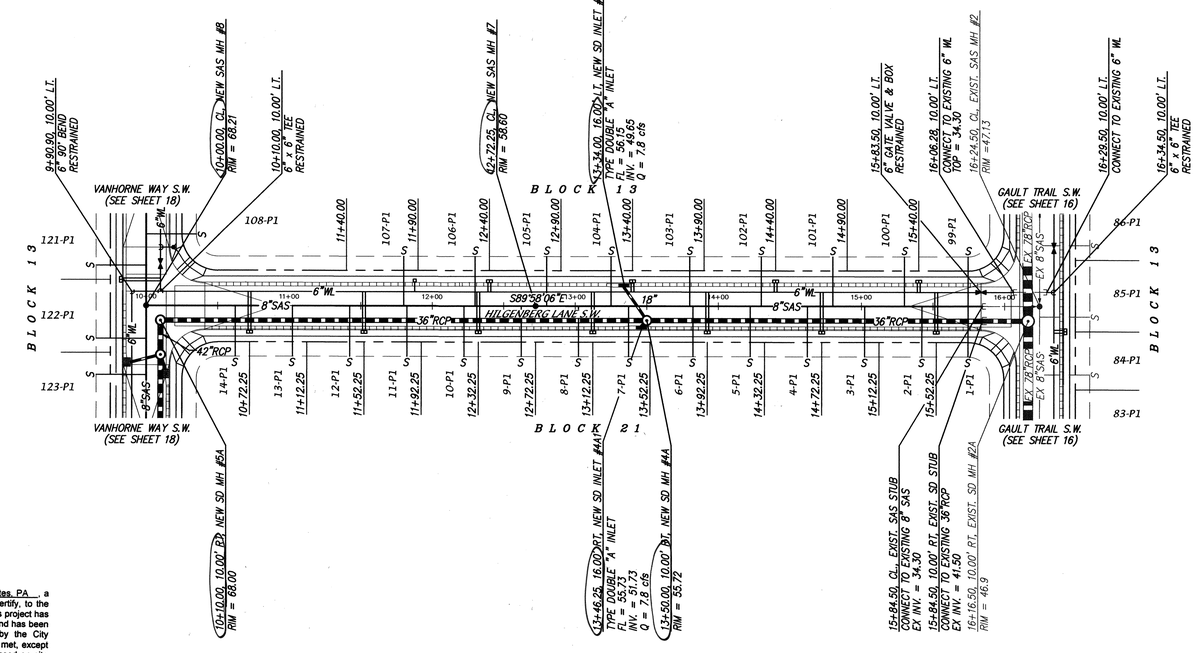
DESIGN REVIEW COMMITTEE: APPROVE AUG 31 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVE NOV 21 2006 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 753983 | ZONE MAP NO. N-8/P-8 | SHEET 16 OF 18

I:\AO3J0BS\A3080AH\PLANS\UNIT-3\UTILITIES\UP-SD1.dwg, 8/22/2006 4:20:10 PM, Chris, DesignJet 1050C.pc3



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING BASED ON HILGENBERG LANE CENTERLINE.

STORM DRAIN SUMMARY TABLE

LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH#4A	MH#2A	102.4	14.5	55.72	51.98	46.90	46.45
MH#5A	MH#4A	86.8	12.3–17.6	68.00	62.63	55.72	53.76

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	99–P1	15+74.50	42.88	35.00'
13	100–P1	15+30.00	44.41	35.00'
13	101–P1	14+80.00	46.13	35.00'
13	102–P1	14+30.00	47.85	35.00'
13	103–P1	13+80.00	49.57	35.00'
13	104–P1	13+25.00	51.46	35.00'
13	105–P1	12+80.00	53.01	35.00'
13	106–P1	12+30.00	54.73	35.00'
13	107–P1	11+80.00	56.51	35.00'
21	1–P1	15+74.50	42.88	35.00'
21	2–P1	15+42.25	43.99	35.00'
21	3–P1	15+02.25	45.37	35.00'
21	4–P1	14+62.25	46.74	35.00'
21	5–P1	14+22.25	48.12	35.00'
21	6–P1	13+82.25	49.49	35.00'
21	7–P1	13+37.25	51.04	35.00'
21	8–P1	13+02.25	52.25	35.00'
21	9–P1	12+62.25	53.62	35.00'
21	10–P1	12+22.25	55.00	35.00'
21	11–P1	11+82.25	56.42	35.00'
21	12–P1	11+42.25	58.02	35.00'
21	13–P1	11+02.25	59.62	35.00'
21	14–P1	10+62.25	61.15	35.00'

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

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	–	–	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
6"x6"x6"	10'	2'

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Plotner

50' 25' 0 50' 100'

SCALE: 1" = 50'

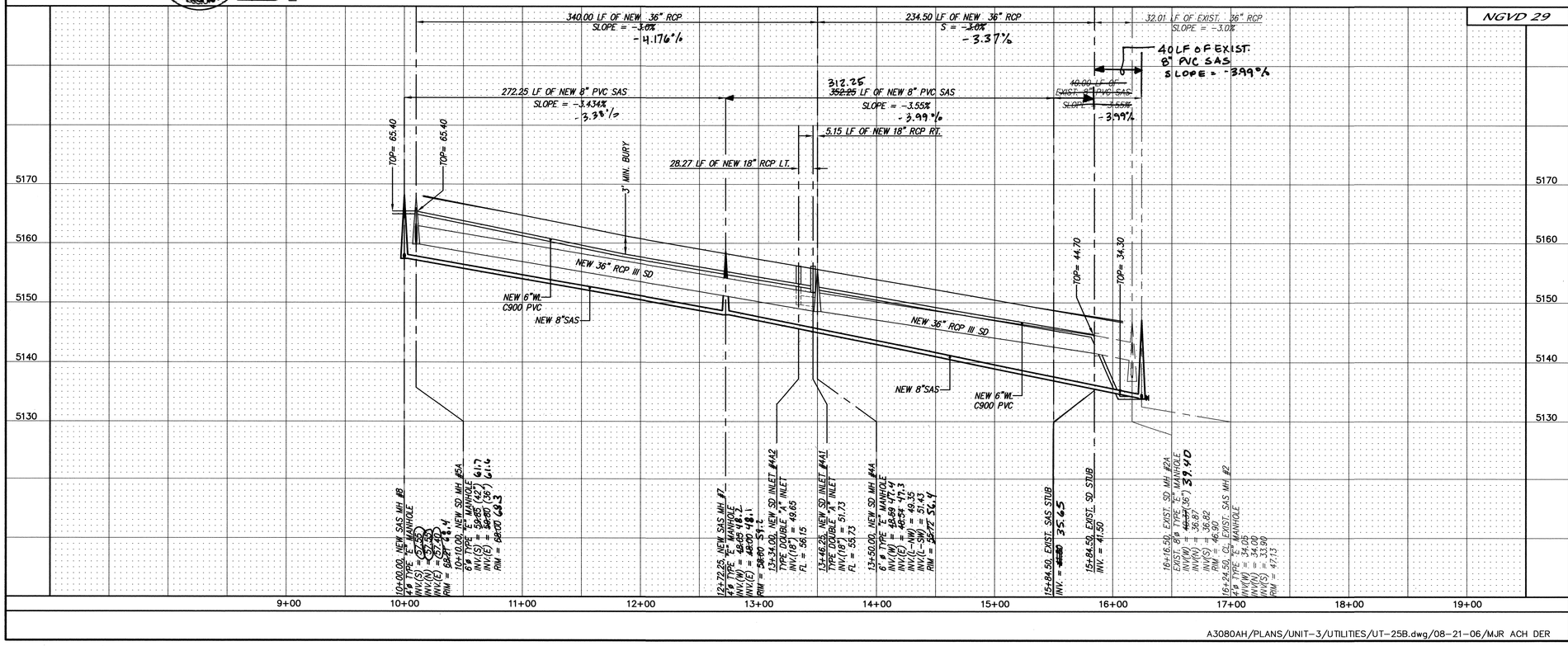
HILGENBERG LANE S.W.
STA. 09+90.90 TO STA. 16+34.50
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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. Certification is based on site inspections by me or personnel under my supervision, and survey information provided by Will Plotner, Jr., NMPS number 14271.

Diane Hoelzer 1-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed by me on August 23, 2006.



A3080AH/PLANS/UNIT-3/UTILITIES/UT-25B.dwg/08-21-06/MJR ACH DER

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY DATE

BENCH MARKS
STATION "2–P10" IS LOCATED 4.9 MI. SW OF DOWNTOWN ALBUQUERQUE, (FORMERLY RIO BRAVO), GO N. ON COORS 0.1 MI. TO FLORA VISTA AND GO WEST ON FLORA VISTA 0.5 MI. TO CONDERSHIRE, THEN GO S. ON CONDERSHIRE 0.4 MI. TO A POINT APPROX. 50 FT. W. OF THE STATION. STATION MARK IS AN ACS 3 1/4" ALUM CAP STAMPED "2–P10, 1987" RIVETED TO A PIPE PROJECTING 0.25 FT ABOVE THE GROUND. X=35841.13, Y=1464349.24 (NAD 27) Z=4991 (NGVD 29).
MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 8-23-06

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	GJK	11/04
DRAWN BY	MJR	11/04
CHECKED BY	DMG	11/04

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

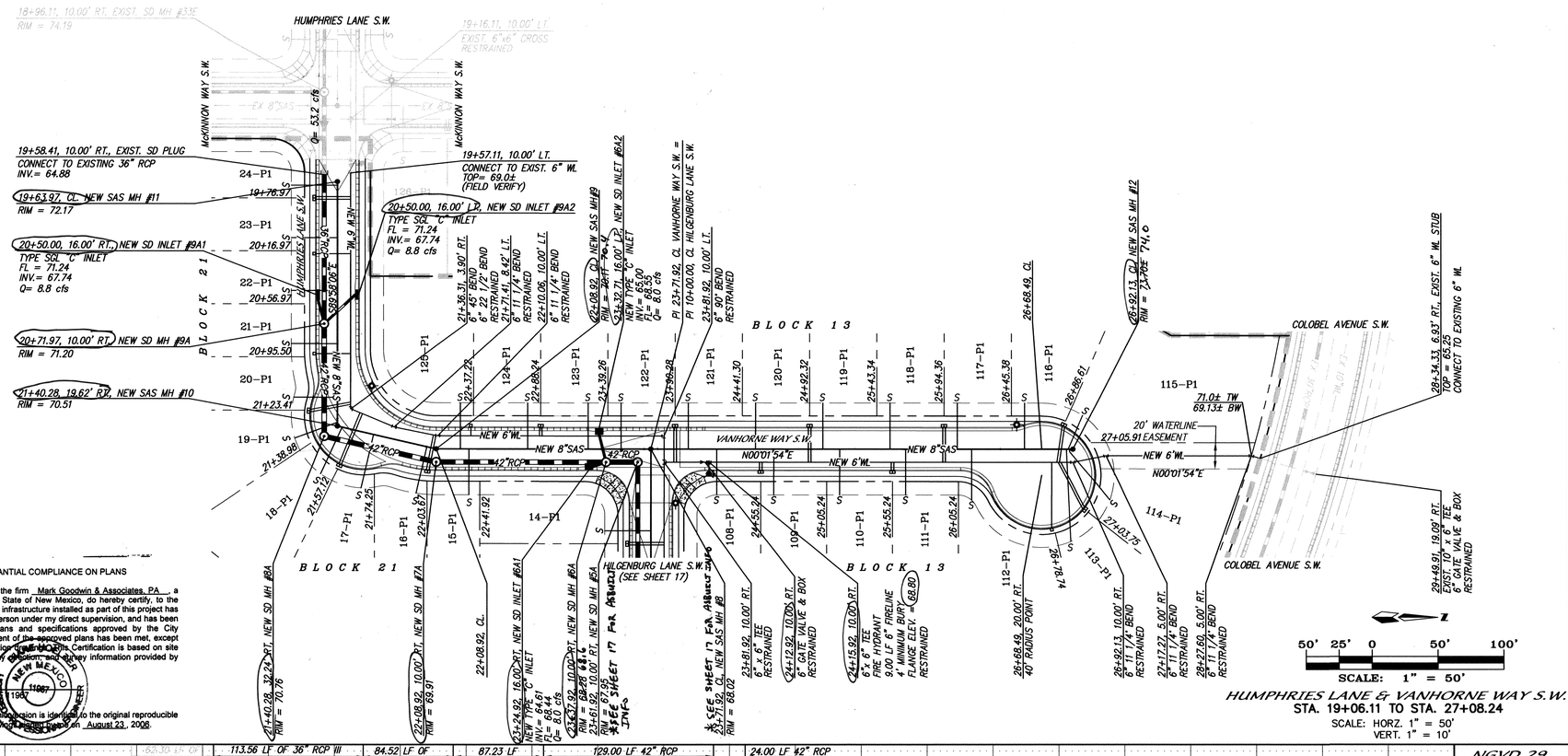
TITLE: ANDERSON HEIGHTS - UNIT 3
HILGENBERG LANE S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	17	18

RECORD DRAWINGS

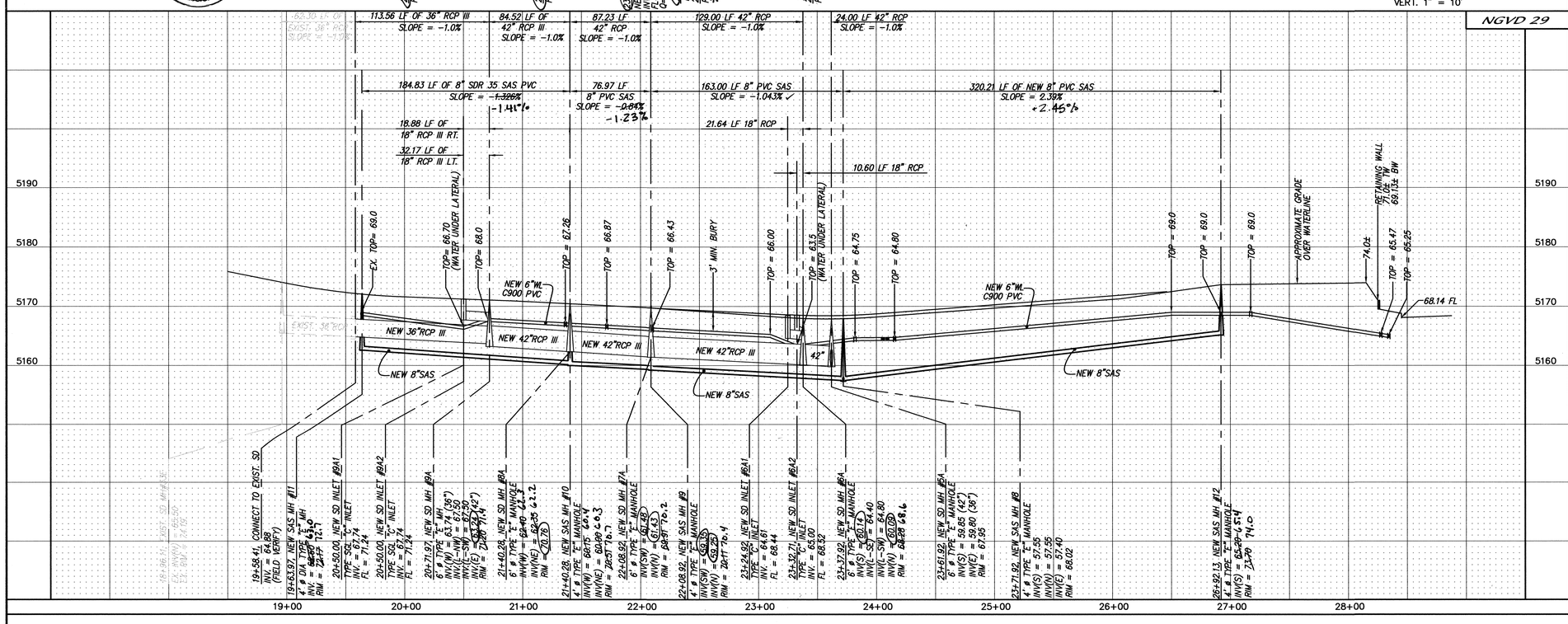


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Will Plotner Jr., NMPS number 14271.

Diane Hoelzer 11-2-08
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawing signed and sealed on August 23, 2006.



A3080AH/PLANS/UNIT- 3/UTILITIES/UT-7B.dwg/08-21-06/DER

NOTES

1. ALL STATIONING IS BASED ON VANHORNE WAY CENTERLINE.

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STORM DRAIN SUMMARY TABLE

LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH#6A	MH#6A	86.8	9.0	68.07	64.05	68.0	63.85
MH#7A	MH#6A	70.8	7.4	69.87	65.64	68.07	64.93
MH#6A	MH#7A	70.8	7.4	70.76	66.32	69.87	65.64
MH#9A	MH#8A	70.8	7.4	71.20	66.77	70.76	66.32
END	MH#9A	53.2	7.5	72.0	67.95	71.20	67.25

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	108–P1	24+21.92	63.56	35.00'
13	109–P1	24+65.24	64.19	35.00'
13	110–P1	25+15.24	64.93	35.00'
13	111–P1	25+65.24	65.67	35.00'
13	112–P1	26+15.24	66.51	38.82'
13	113–P1	26+90.55	68.66	68.46'
13	114–P1	27+20.23	68.77	47.75'
13	115–P1	26+99.42	68.72	27.71'
13	116–P1	26+55.38	67.66	35.00'
13	117–P1	26+04.36	66.24	35.00'
13	118–P1	25+53.34	65.49	35.00'
13	119–P1	25+02.32	64.74	35.00'
13	120–P1	24+51.30	63.99	35.00'
13	121–P1	24+00.28	63.24	35.00'
13	122–P1	23+49.26	62.77	35.00'
13	123–P1	23+24.26	63.12	35.00'
13	124–P1	22+78.24	63.77	35.00'
13	125–P1	22+27.22	64.49	35.00'
21	* 15–P1	22+33.66	64.40	35.00'
21	* 16–P1	21+98.48	64.85	36.50'
21	* 17–P1	21+71.62	65.12	41.65'
21	* 18–P1	21+52.69	65.31	39.27'
21	* 19–P1	21+32.84	65.51	34.47'
21	* 20–P1	21+15.12	65.69	33.14
21	* 21–P1	20+86.97	65.96	35.00'
21	* 22–P1	20+46.97	66.26	35.00'
21	* 23–P1	20+06.97	66.56	35.00'
21	* 24–P1	19+66.97	66.82	35.00'

* DENOTES SAS SERVICE UNDER STORM DRAIN

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'

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

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "3-P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD. 0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998", X=360733.56, Y=1462437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 11-2-08

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	JDH	05/05
DRAWN BY	DER	05/05
CHECKED BY	DMG	05/05

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS UNIT 3
HUMPHRIES LANE S.W. & VANHORNE WAY S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED AUG 31 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV 21 2006 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753986	N-8/P-8	18	18

RECORD DRAWINGS

SCANNED BY PLANNING

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
18"	37'	15'	7'	4'	132'
4"	12'	5'	2'	1'	32'
12"	30'	12'	6'	3'	85'
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND.					

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer NMPE 11967, 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 Will Plotner, Jr., NMPS number 14271.

1-2-08

Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on August 23, 2006.

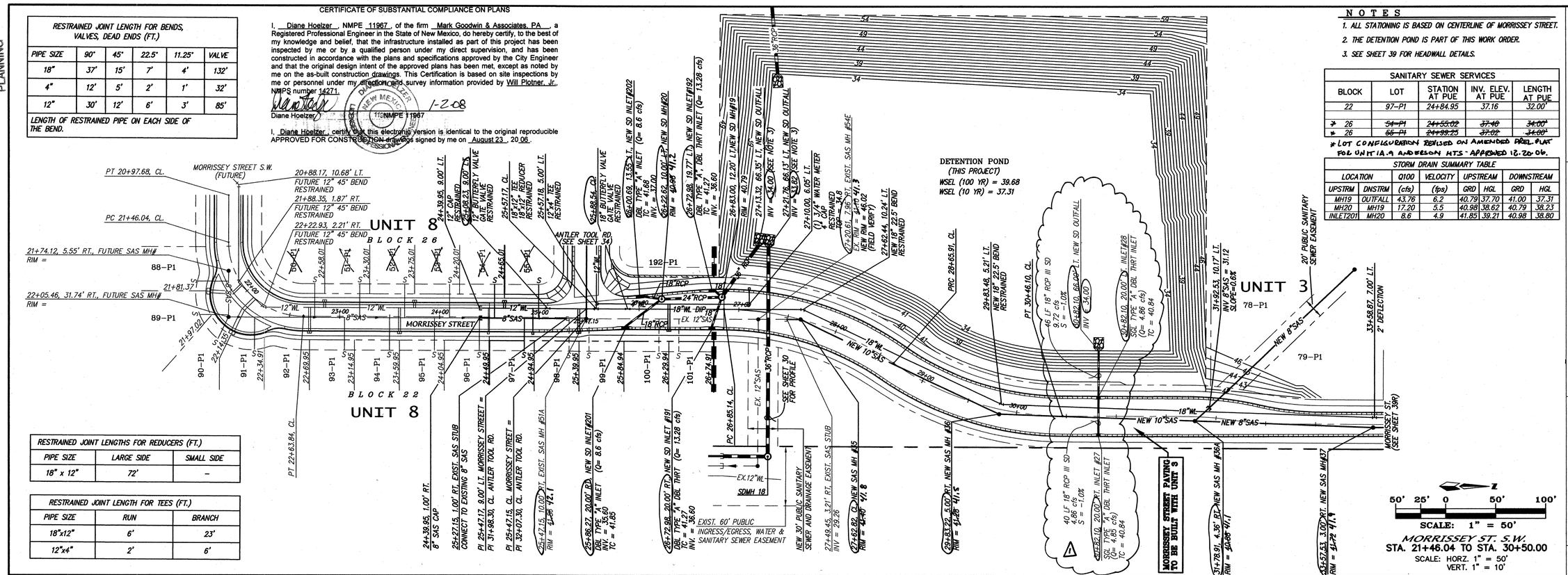
NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF MORRISSEY STREET.
2. THE DETENTION POND IS PART OF THIS WORK ORDER.
3. SEE SHEET 39 FOR HEADWALL DETAILS.

SANITARY SEWER SERVICES				
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
22	97-P1	24+84.95	37.16	32.00'
* 26	~~54-P1~~	~~24+55.02~~	~~37.40~~	~~34.00'~~
* 26	~~55-P1~~	~~24+99.25~~	~~37.02~~	~~34.00'~~

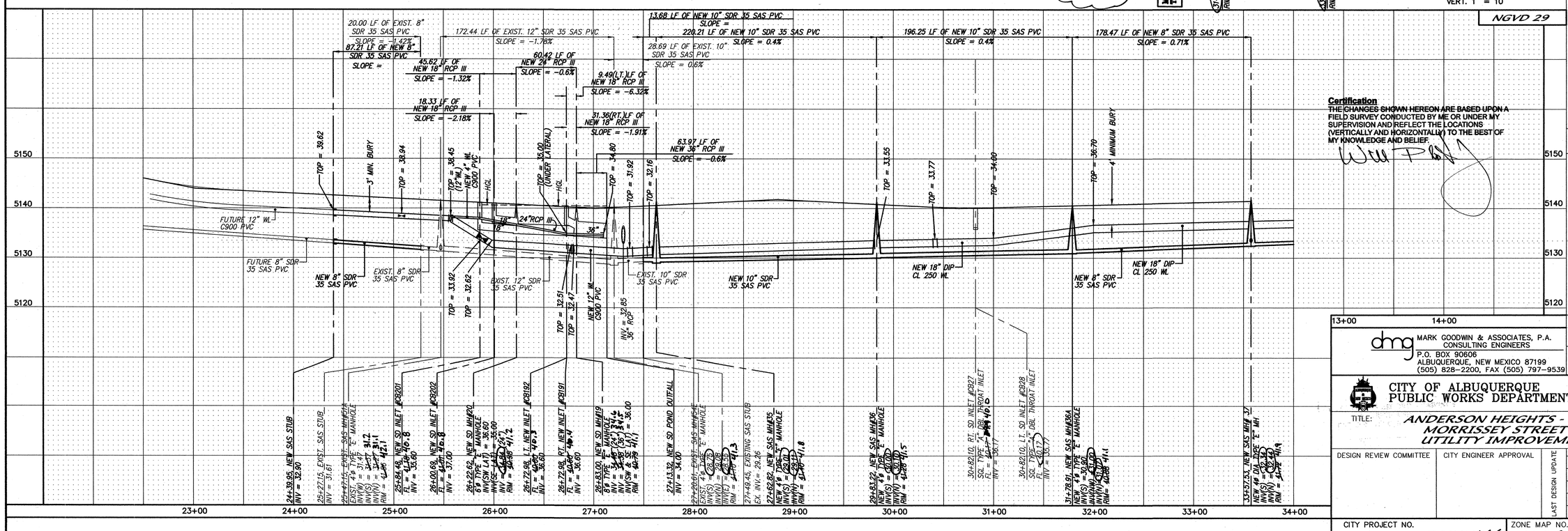
* LOT CONFIGURATION REVISED ON AMENDED PRELIM. PLAT FOR UNIT 1A & ANDERSON HTS - APPROVED 12.20.06.

STORM DRAIN SUMMARY TABLE							
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH19	OUTFALL	43.76	6.2	40.79	37.70	41.00	37.31
MH20	MH19	17.20	5.5	40.98	38.62	40.79	38.23
INLET201	MH20	8.6	4.9	41.85	39.21	40.98	38.80



RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)		
PIPE SIZE	LARGE SIDE	SMALL SIDE
18" x 12"	72'	–

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
18"x12"	6'	23'
12"x4"	2'	6'



Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY Cartesian Surveys Inc. DATE 7/08
INSPECTOR'S CHECKS BY DATE
FIELD DRAWINGS CORRECTED BY Cartesian Surveys Inc. DATE 7/08
MICRO-FILM INFORMATION RECORDED BY DATE
NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.8 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2. WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998".
X=360733.56, Y=1492437.48 (NAD 27), ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE	REMARKS

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS
1		BUILT W/ UNIT 2 ON 7539B6 18" RCP, INLETS, HEADWALL, RIPRAP DLH

		DATE
DESIGNED BY	GJK	06/04
DRAWN BY	GJK	06/04
CHECKED BY	DMG	06/04

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: ANDERSON HEIGHTS - UNIT ~~2~~ 3
MORRISSEY STREET S.W.
UTILITY IMPROVEMENTS

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET
75398~~2~~6	N-8/P-8	18A OF 18 ~~38R~~ ~~39~~

A3080AH/PLANS/UNIT-1A & 5/Unit 5/UTILITIES/UP-12R.dwg/04-24-06/ACH DER CAR DLH

F:\A03JOBS\A3080AH\PLANS\UNIT-1A & 5\Unit 5\UTILITIES\UP-12R.dwg, Model, 4/24/2006 10:04:15 AM, diane