ANDERSON HEIGHTS

RECORD DRAWINGS

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26-7539-814-07

SCANNED BY
PLANNING

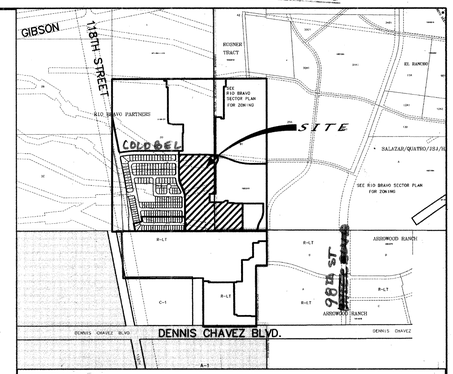
CONSTRUCTION PLANS

FOR

ANDERSON HEIGHTS SUBDIVISION

UNIT 2

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.
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.

   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.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [x] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [x] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [ ] TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- [x] SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [ ] IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- [x] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

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

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

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
	DRC CHAIRMAN		3/16/06
	TRANSPORTATION		2/22/06
	WATER/WASTEWATER		3/16/06
	HYDROLOGY	Bradley L. Bingham	2/22/06
	CIP		
	CONSTR. MNGT.		
	CONSTR. COORD.		3/16/06

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
2-9-06
RE 3-16-06

APPROVED FOR CONSTRUCTION

3-16-06
CITY ENGINEER DATE

CITY PROJECT NO. 753984

SHEET OF 1 22

INDEX TO DRAWINGS

SHEET NO.	SHEET
1	TITLE SHEET
2-4	PLAT
5-8	GRADING AND DRAINAGE PLAN
9	MASTER PAVING PLAN
10-15	PAVING IMPROVEMENTS
16	MASTER UTILITY PLAN
17-22	UTILITY IMPROVEMENTS

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 Cartesian Surveys, NMPS number 14271.

5-11-07
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5-11-07, 2007.

This set of drawings is accepted for RECORD purposes by _____ on _____, 2006.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 11/08/2007

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.

5/4/07
WILL PLOTNER JR, NMPS 14271

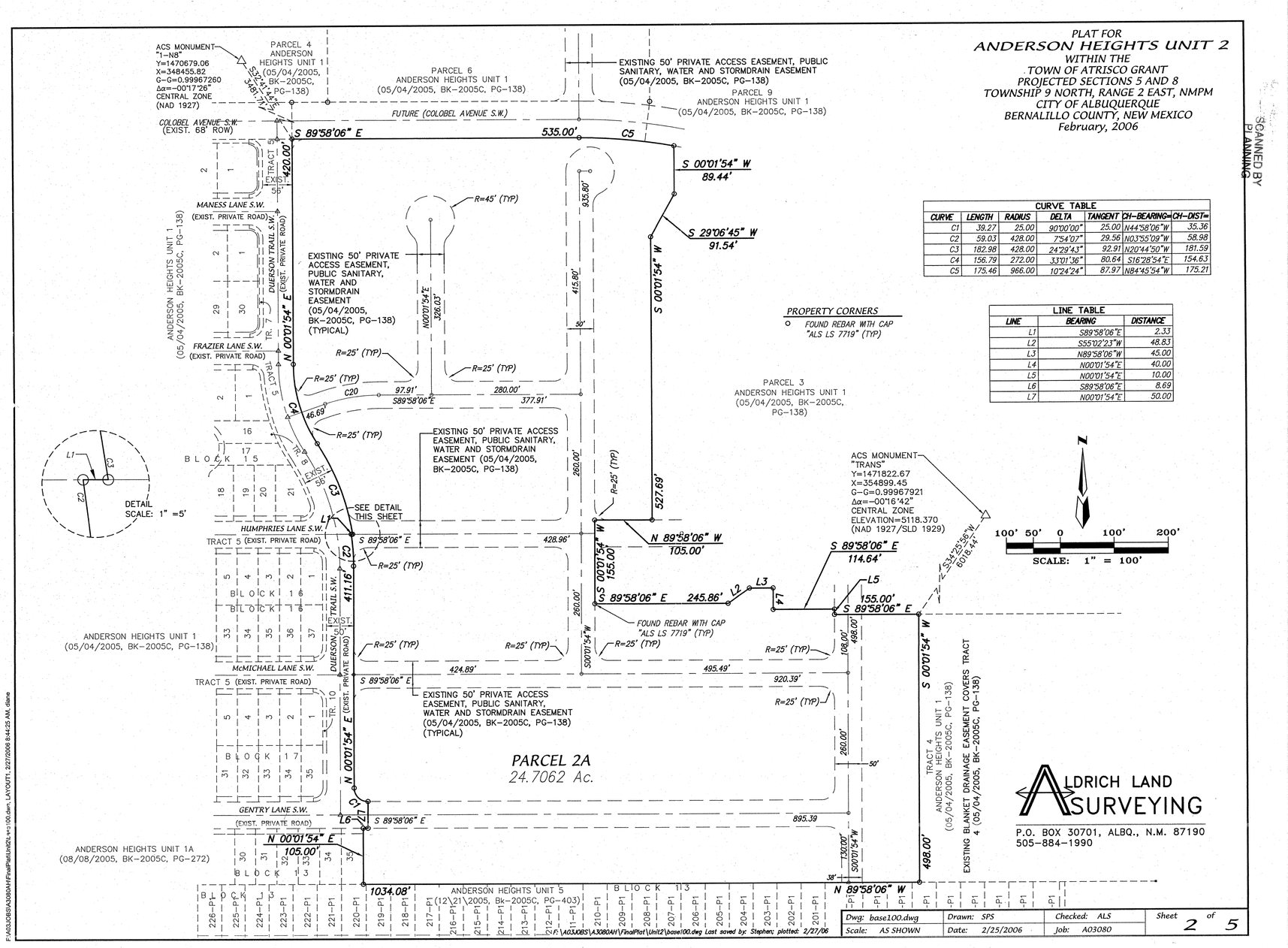
WILL M. PLOTNER JR. NEW MEXICO 14271 REGISTERED PROFESSIONAL LAND SURVEYOR

DRB NO. 1002739

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PLAT FOR
ANDERSON HEIGHTS UNIT 2
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
February, 2006



CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH-BEARING	CH-DIST
C1	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C2	59.03	428.00	7°54'07"	29.56	N03°55'09"W	58.98
C3	182.98	428.00	24°29'43"	92.91	N20°44'50"W	181.59
C4	156.79	272.00	33°01'36"	80.64	S16°28'54"E	154.63
C5	175.46	966.00	10°24'24"	87.97	N84°45'54"W	175.21

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S89°58'06"E	2.33
L2	S55°02'23"W	48.83
L3	N89°58'06"W	45.00
L4	N00°01'54"E	40.00
L5	N00°01'54"E	10.00
L6	S89°58'06"E	8.69
L7	N00°01'54"E	50.00

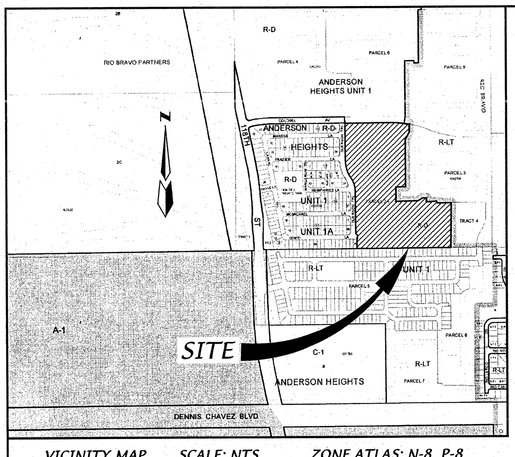
ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

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VICINITY MAP SCALE: NTS ZONE ATLAS: N-8, P-8

SUBDIVISION DATA

GROSS ACREAGE	24.7062 Acres
ZONE ATLAS NO.	N-8-Z & P-8-Z
NO. OF EXISTING PARCELS	1 PARCEL
NO. OF LOTS/TRACTS/PARCELS CREATED	168 LOTS, 7 TRACTS 0 PARCEL
NO. OF PARCEL ELIMINATED	1
MILES OF FULL WIDTH STREETS CREATED	0.83
AREA DEDICATED TO CITY OF ALBUQUERQUE	0.0 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 2A, 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 August 08, 2005 in Book 2005C, Page 272 and containing 24.7062 acres more or less.

PURPOSE OF PLAT

1. SUBDIVIDE ONE (1) PARCEL INTO ONE HUNDRED AND SIXTY EIGHT (168) LOTS, SEVEN (7) TRACTS FOR HOME OWNERS ASSOCIATION AND DRAINAGE.
2. GRANT NEW EASEMENTS 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 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 2
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
February, 2006

APPROVED AND ACCEPTED BY:

APPROVAL AND CONDITIONAL ACCEPTANCE as specified by the Albuquerque subdivision Ordinance, Chapter 14 Article 14 of the Revised Ordinances of Albuquerque, New Mexico, 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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ANDERSON HEIGHTS UNIT 2 FINAL PLAT SHT 2 OF 22

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RECORD DRAWINGS

PLAT FOR ANDERSON HEIGHTS UNIT 2

WITHIN THE
TOWN OF ATRISCO GRANT
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TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
February, 2006

SCANNED BY PLANNING

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

SEE DETAIL THIS SHEET

COLOBEL AVENUE S.W. (EXIST. 68' ROW)

PARCEL 6 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

20' PUBLIC WATERLINE EASEMENT GRANTED TO A.B.C.W.U.A. WITH THIS PLAT

FUTURE (COLOBEL AVENUE S.W.)

PARCEL 9 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

H.O.A. TR. G 0.0031 AC.

H.O.A. TR. H 0.1156 AC.

MANESS LANE S.W. (EXIST. PRIVATE ROAD)

DUERSON TRAIL S.W. (EXIST. PRIVATE ROAD)

FRAZIER LANE S.W. (EXIST. PRIVATE ROAD)

TRACT 5 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

RICHARDSON WAY S.W. (PRIVATE ROADS)

H.O.A. TRACT C 5.2593 AC.

McKINNON WAY S.W. (PRIVATE ROADS)

FENCIK LANE S.W. (PRIVATE ROADS)

H.O.A. TR. F 0.0347 AC.

PARCEL 3 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

BLOCK 13 BLOCK 19 BLOCK 20 BLOCK 15

ABBREVIATIONS
10' PUE = PUBLIC UTILITY EASEMENTS
ROW = RIGHT-OF-WAY
H.O.A.= HOME OWNERS ASSOCIATION
C.O.A.= CITY OF ALBUQUERQUE
A.B.C.W.U.A. = ALBUQUERQUE BERNALILLO COUNTY WATER USE AUTHORITY

COLOBEL AVENUE S.W. (EXIST. 68' ROW)
FUTURE (COLOBEL AVENUE S.W.)
DUERSON TRAIL S.W. (EXIST. PRIVATE ROAD)
SCALE: 1"=20'

FEMA FLOODPLAIN
SEE FEMA FLOODPLAIN AND LOMR NOTES ON COVER SHEET

SCALE: 1" = 50'

SEE SHEET 3 OF 5 FOR CURVE & LINE TABLE

SEE SHEET 3 OF 5

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

HOMEOWNERS ASSOCIATION TRACTS "C" AND "G" 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)

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

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PLAT FOR ANDERSON HEIGHTS UNIT 2

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
February, 2006

SEE SHEET 5 OF 5 FOR CURVE & LINE TABLE

SEE SHEET 4 OF 5

HOMEOWNERS ASSOCIATION TRACTS "C" AND "G" 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)

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

PARCEL 3 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

SCALE: 1" = 50'

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

FOUND REBAR WITH CAP "ALS LS 7719" (TYP)

DUERSON TRAIL S.W. (EXIST. PRIVATE ROAD)

H.O.A. TR. A 0.0366 AC.

McMICHAEL LANE S.W. (EXIST. PRIVATE ROAD)

H.O.A. TRACT C 5.2593 AC.

HUMPHRIES LANE S.W. (PRIVATE ROADS)

McMICHAEL LANE S.W. (PRIVATE ROADS)

GENTRY LANE S.W. (PRIVATE ROAD)

PAYTON TRAIL S.W. (PRIVATE ROADS)

TRACT 4 ANDERSON HEIGHTS UNIT 1 (05/04/2005, BK-2005C, PG-138)

TRY LANE S.W. (PRIVATE ROAD)

BLOCK 18 BLOCK 19 BLOCK 21 BLOCK 13

ANDERSON HEIGHTS UNIT 5 (12\21\2005, Bk-2005C, PG-403)

EXISTING 30' PUBLIC STORM DRAIN SANITARY SEWER EASEMENTS (12\21\2005, Bk-2005C, PG-403)

20' PUBLIC DRAINAGE EASEMENT GRANTED TO CITY OF ALBUQUERQUE WITH THIS PLAT

ABBREVIATIONS
10' PUE = PUBLIC UTILITY EASEMENTS
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H.O.A.= HOME OWNERS ASSOCIATION
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FEMA FLOODPLAIN
SEE FEMA FLOODPLAIN AND LOMR NOTES ON COVER SHEET

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SHT 3 OF 5 ANDERSON HEIGHTS UNIT 2 FINAL PLAT 2-22

RECORD DRAWINGS

SCANNED BY PLANNING

PLAT FOR ANDERSON HEIGHTS UNIT 2

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTIONS 5 AND 8
TOWNSHIP 9 NORTH, RANGE 2 EAST, NMPM
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February, 2006

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C2	59.03	428.00	7°54'07"	29.56	N03°55'09"W	58.98
C3	182.98	428.00	24°29'43"	92.91	N20°44'50"W	181.59
C4	156.79	272.00	33°01'36"	80.64	S16°28'54"E	154.63
C5	175.46	966.00	10°24'24"	87.97	N84°45'04"W	175.21
C6	28.27	18.00	90°00'00"	18.00	S44°58'06"E	25.46
C7	28.27	18.00	90°00'00"	18.00	S45°01'54"W	25.46
C8	39.27	25.00	90°00'00"	25.00	S45°01'54"W	35.36
C9	39.27	25.00	90°00'00"	25.00	S44°58'06"E	35.36
C10	28.27	18.00	90°00'00"	18.00	S44°58'06"E	25.46
C11	8.49	435.00	1°07'06"	4.24	N00°31'38"W	8.49
C12	28.63	18.00	91°07'06"	18.35	S44°28'22"W	25.70
C13	39.76	25.00	91°07'06"	25.49	S44°28'22"W	35.70
C14	8.35	428.00	1°07'06"	4.18	N00°31'38"W	8.35
C15	50.67	428.00	6°47'01"	25.37	N04°28'42"W	50.64
C16	32.94	25.00	75°29'25"	19.35	S52°13'23"E	30.61
C17	23.72	18.00	75°29'25"	13.93	S52°13'23"E	22.04
C18	90.36	435.00	11°54'07"	45.34	N20°25'44"W	90.20
C19	50.22	435.00	6°36'54"	25.14	N29°41'15"W	50.19
C20	9.63	265.00	2°04'58"	4.82	S31°57'13"E	9.63
C21	32.02	18.00	101°54'39"	22.19	S20°02'36"W	27.96
C22	44.47	25.00	101°54'39"	30.82	S20°02'36"W	38.83
C23	9.89	272.00	2°04'58"	4.94	S31°57'13"E	9.89
C24	138.32	428.00	18°31'02"	69.77	N23°44'11"W	137.72
C25	88.41	275.00	18°25'09"	44.59	S80°12'30"W	88.03
C26	2.95	275.00	0°36'50"	1.47	S89°43'29"W	2.95
C27	44.66	428.00	5°58'41"	22.35	N11°29'20"W	44.64
C28	99.66	300.00	19°01'59"	50.29	S80°30'55"W	99.20
C29	36.01	272.00	7°35'08"	18.03	S03°45'40"E	35.98
C30	44.26	25.00	101°26'51"	30.57	S58°16'39"E	38.71
C31	55.65	325.00	9°48'37"	27.89	S75°54'14"W	55.58
C32	55.32	272.00	11°39'13"	27.76	S13°22'50"E	55.23
C33	55.57	272.00	11°42'17"	27.88	S25°03'35"E	55.47
C34	52.31	325.00	9°13'22"	26.21	S85°25'14"W	52.26
C35	107.96	325.00	19°01'59"	54.48	S80°30'55"W	107.47
C36	91.35	275.00	19°01'59"	46.10	S80°30'55"W	90.93
C37	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C38	39.27	25.00	90°00'00"	25.00	S44°58'06"E	35.36
C39	3.64	25.00	8°20'52"	1.82	N04°08'32"W	3.64
C40	15.74	25.00	36°04'03"	8.14	N26°20'59"W	15.48
C41	38.10	45.00	48°30'34"	20.28	S20°07'44"E	36.97
C42	30.17	45.00	38°24'29"	15.67	S23°19'48"W	29.60
C43	27.22	45.00	34°39'29"	14.04	S59°51'47"W	26.81
C44	43.82	45.00	55°47'38"	23.82	N74°54'39"W	42.11
C45	33.48	45.00	42°38'02"	17.56	N25°41'49"W	32.72
C46	38.35	45.00	48°49'37"	20.43	N20°02'01"E	37.20
C47	15.37	25.00	35°13'56"	7.94	S26°49'52"W	15.13
C48	4.01	25.00	9°11'00"	2.01	S04°37'24"W	4.00
C49	19.38	25.00	44°24'55"	10.21	N22°10'33"W	18.90
C50	19.38	25.00	44°24'55"	10.21	S22°14'22"W	18.90
C51	211.14	45.00	268°49'50"	45.93	N89°58'06"W	64.29
C52	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C53	61.60	45.00	78°25'41"	36.72	S39°14'45"W	56.90
C54	94.25	45.00	120°00'06"	77.94	N41°32'22"W	77.94
C55	36.28	45.00	46°11'36"	19.19	N41°33'29"E	35.31
C56	28.20	25.00	64°37'23"	15.81	S32°20'36"W	26.73
C57	192.13	45.00	244°37'23"	71.15	N57°39'24"W	76.06
C58	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C59	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C60	39.27	25.00	90°00'00"	25.00	S44°58'06"E	35.36
C61	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C62	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C63	39.27	25.00	90°00'00"	25.00	S44°58'06"E	35.36
C64	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C65	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C66	39.27	25.00	90°00'00"	25.00	N45°01'54"E	35.36
C67	39.27	25.00	90°00'00"	25.00	N44°58'06"W	35.36
C68	28.27	18.00	90°00'00"	18.00	S45°01'54"W	25.46
C69	39.27	25.00	90°00'00"	25.00	S45°01'54"W	35.36
C70	175.47	959.00	10°29'01"	87.98	N84°43'35"W	175.22
C71	11.22	959.00	0°40'13"	5.61	N89°37'59"W	11.22
C72	164.25	959.00	9°48'48"	82.33	N84°23'29"W	164.05

LINE TABLE		
LINE	BEARING	LENGTH
L1	N89°58'06"W	2.33
L2	S55°02'23"W	48.83
L3	N89°58'06"W	45.00
L4	N00°01'54"E	40.00
L5	N00°01'54"E	10.00
L6	N89°58'06"W	8.69
L7	S00°01'54"W	50.00
L8	N89°58'06"W	20.00
L9	N01°17'58"E	11.07
L10	S00°01'54"W	27.15

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

ANDERSON HEIGHTS UNIT 2 FINAL PLAT SHT 4 OF 22

F:\A03JOBS\A3080AH\FinalPlat\Unit2\base50.dwg, Layout3, plot border, 2/27/2006 8:41:14 AM, dlima

F:\A03JOBS\A3080AH\FinalPlat\Unit2\base50.dwg Last saved by: Stephen; plotted: 2/27/06

Dwg: base50.dwg	Drawn: Stephen	Checked: ALS	Sheet 5 of 5
Scale: AS SHOWN	Date: 2/14/2006	Job: A03080	

SCANNED BY PLANNING

RECORD DRAWINGS

FOR CONTINUATION SEE SHEET 5 & 6

FOR CONTINUATION SEE SHEET 9

FOR CONTINUATION SEE SHEET 10

FOR CONTINUATION SEE SHEET 10

A03080AH\grade n drain\3080GD-50-REVA-TEMP\SHEET 4\04-13-05\ MJR ACH

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

AS BUILT INFORMATION

CONTRACTOR _____ DATE _____

STAKED BY Bohannan Huston Inc. DATE _____

INSPECTOR'S _____

FIELD _____ DATE _____

ORGANIZATION BY _____

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 RIVITTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1996".

X=360733.56, Y=1462437.48 (NAD 27), ELEV=4835.735 (SEA LEVEL DATUM)

ENGINEER'S SEAL

GARY L. MINNICH 12205 REGISTERED PROFESSIONAL ENGINEER NEW MEXICO

NO.	DATE	REMARKS / REVISIONS	BY	DATE
		DESIGN	GJK	02/04
		DESIGNED BY	GJK	02/04
		DRAWN BY	MJR	02/04
		CHECKED BY	DMG	02/04

50' 25' 0 50' 100'

SCALE: 1" = 50'

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.

CITY PROJECT NO. 753984

ZONE MAP NO. N-8/P-8

SHEET 5 of 22

J:\dgn\SA30800AH\grade n drain\3080gd-50-REVA-temp.dwg, 4/26/2005 12:01:03 PM, dmg, sigplot 1050C by HP (temporary)5939.pc3

SCANNED BY PLANNING

RECORD DRAWINGS

FOR CONTINUATION SEE SHEET 6 & 7

FOR CONTINUATION SEE SHEET 8

FOR CONTINUATION SEE SHEET 11

KET MAKER ROAD S.W.

SITULA ROAD S.W.

SHARD ROAD S.W.

COLOBEL AVENUE S.W.

HILGENBERG LANE S.W.

THAYER LANE S.W.

IRONSTONE STREET S.W.

HAMMERSTONE STREET S.W.

RICHARDSON WAY S.W.

MCKINNON WAY S.W.

VANHORNE WAY S.W.

PITOCHE PLACE S.W.

SHARD CT. S.W.

ROTSHARD ST. S.W.

GAULT TRAIL S.W.

MORRISSEY STREET S.W.

TEVA CT. S.W.

BLOCK 1 · BLOCK 2 · BLOCK 3 · BLOCK 4 · BLOCK 5 · BLOCK 6 · BLOCK 7 · BLOCK 8 · BLOCK 9 · BLOCK 10 · BLOCK 11 · BLOCK 12 · BLOCK 13

SINGLE "A" DBL THROAT

DBL "A" INLET

TYPE "B" INLET

30' PUBLIC SANITARY SEWER & DRAINAGE EASEMENT

15' WATERLINE EASEMENT

20' WATERLINE EASEMENT

40' PUBLIC DRAINAGE & SAS EASEMENT

20' PUBLIC DRAINAGE EASEMENT

24"RCP · 30"RCP · 36"RCP · 18"RCP

50' 25' 0 50' 100'

SCALE: 1" = 50'

A03080AH\grade n drain\3080GD-50-REVA-TEMP\SHEET 5\04-13-05\MJR ACH

AS BUILT INFORMATION

CONTRACTOR

WORK STAKED BY: Christian Surveys Inc. DATE 2-2004

ACCEPTANCE BY DATE

FIELD NOTES BY: Christian Surveys Inc. DATE JUN 0 6

VERIFICATION BY DATE

DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

SURVEY INFORMATION

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 RIVITTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998". ELEV=4935.735 (.JD 29) X=360733.56, Y=1462437.48 (NAD 27)

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
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

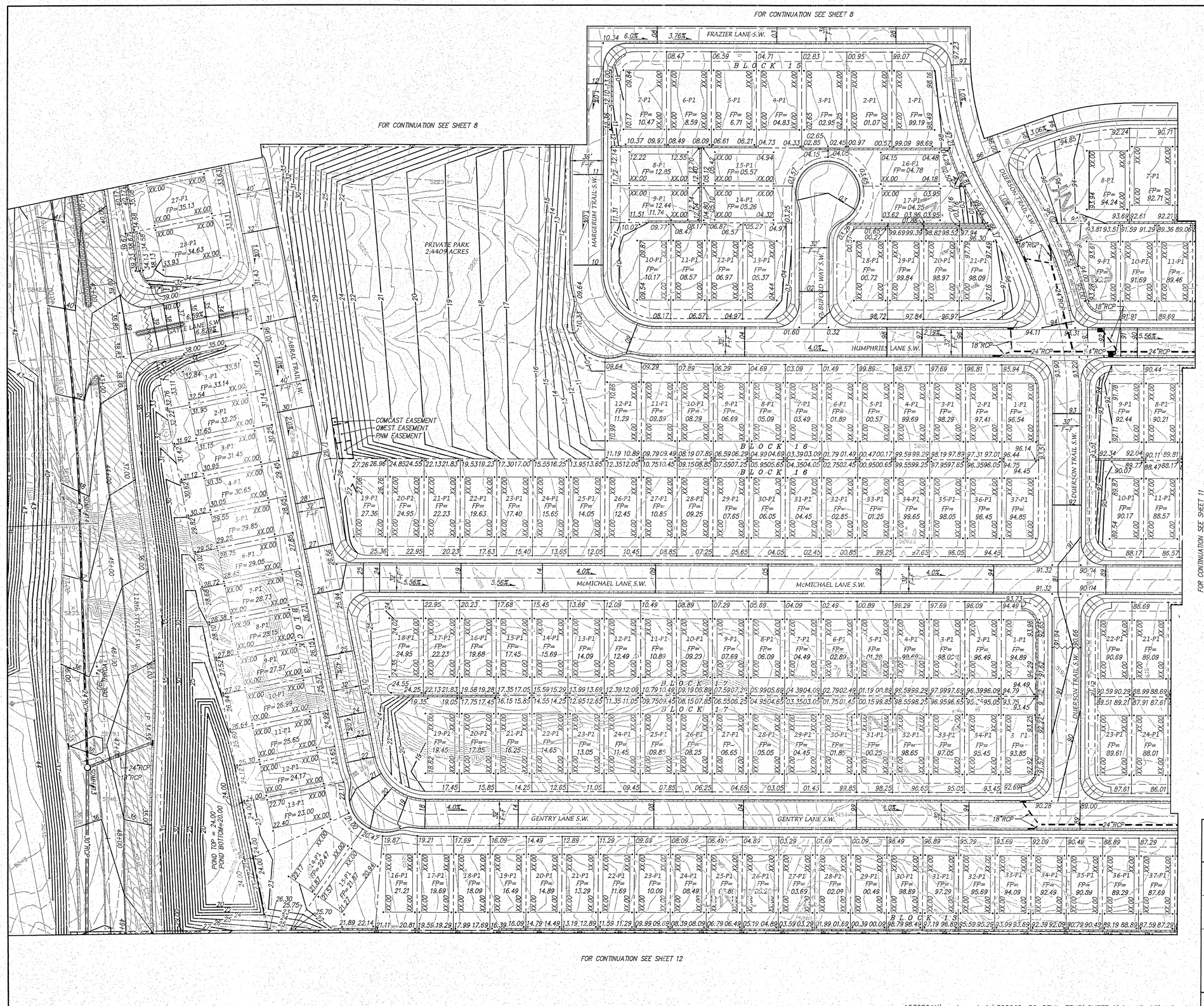
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 6 of 22

P DesignJet 1050C by HP (temporary)7883.pc3

SCANNED BY PLANNING

RECORD DRAWINGS



50' 25' 0 50' 100'

SCALE: 1" = 50'

AS BUILT INFORMATION

CONTRACTOR

WORK STARTED BY: DATE
WORK ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: 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 RIMTIED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998"
X=360731.56, Y=1462437.48 (NAD 27) ELEV=4935.735 (SLD 29)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

GARDNER KARL BRAHM NEW MEXICO 12177 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	02/04
		DESIGNED BY GK	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.

CITY PROJECT NO.	ZONE MAP NO.	SHEET
753984	N-8/P-8	7 of 22

A03080AH\grade n drain\3080GD-50-REVA-TEMP\SHEET 6\04-13-05\MJR ACH

Designjet 1050C by HP (temporary)5163.plc3

SCANNED BY PLANNING

RECORD DRAWINGS

FOR CONTINUATION SEE SHEET 9

FENCIK LANE S.W.

HILGENBERG LANE S.W.

HUMPHRIES LANE S.W.

COVERT LANE S.W.

McMICHAEL LANE S.W.

GENTRY LANE S.W.

McKINNON PLACE S.W.

VANHORNE PLACE S.W.

PAYTON TRAIL S.W.

MORRISSEY STREET S.W.

20' PUBLIC SAS EASEMENT

PUBLIC DRAINAGE EASEMENT
POND BOTTOM = 34.00

DBL "A" INLET

DBL "A" DBL. THROAT INLET

30' PUBLIC SANITARY SEWER AND DRAINAGE EASEMENT

FOR CONTINUATION SEE SHEET 10

FOR CONTINUATION SEE SHEET 13

SCALE: 1" = 50'

AS BUILT INFORMATION

CONTRACTOR — DATE

WORK INSPECTORS — DATE

ACCEPTANCE BY — DATE

DRAWINGS BY — DATE

VERIFICATION BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

BENCH MARKS

STATION "3-P10" IS LOCATED 5.0 MI. SW OF DOWNTOWN ALBUQUERQUE (FORMERLY RIO BRAVO) GO S. ON COORS BLVD. 1.62 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". ELEV=4935.735 (SLD 29) X=360733.56, Y=1462437.48 (NAD 27).

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

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

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.

CITY PROJECT NO. 75398

ZONE MAP NO. N-8/P-8

SHEET 8 of 22

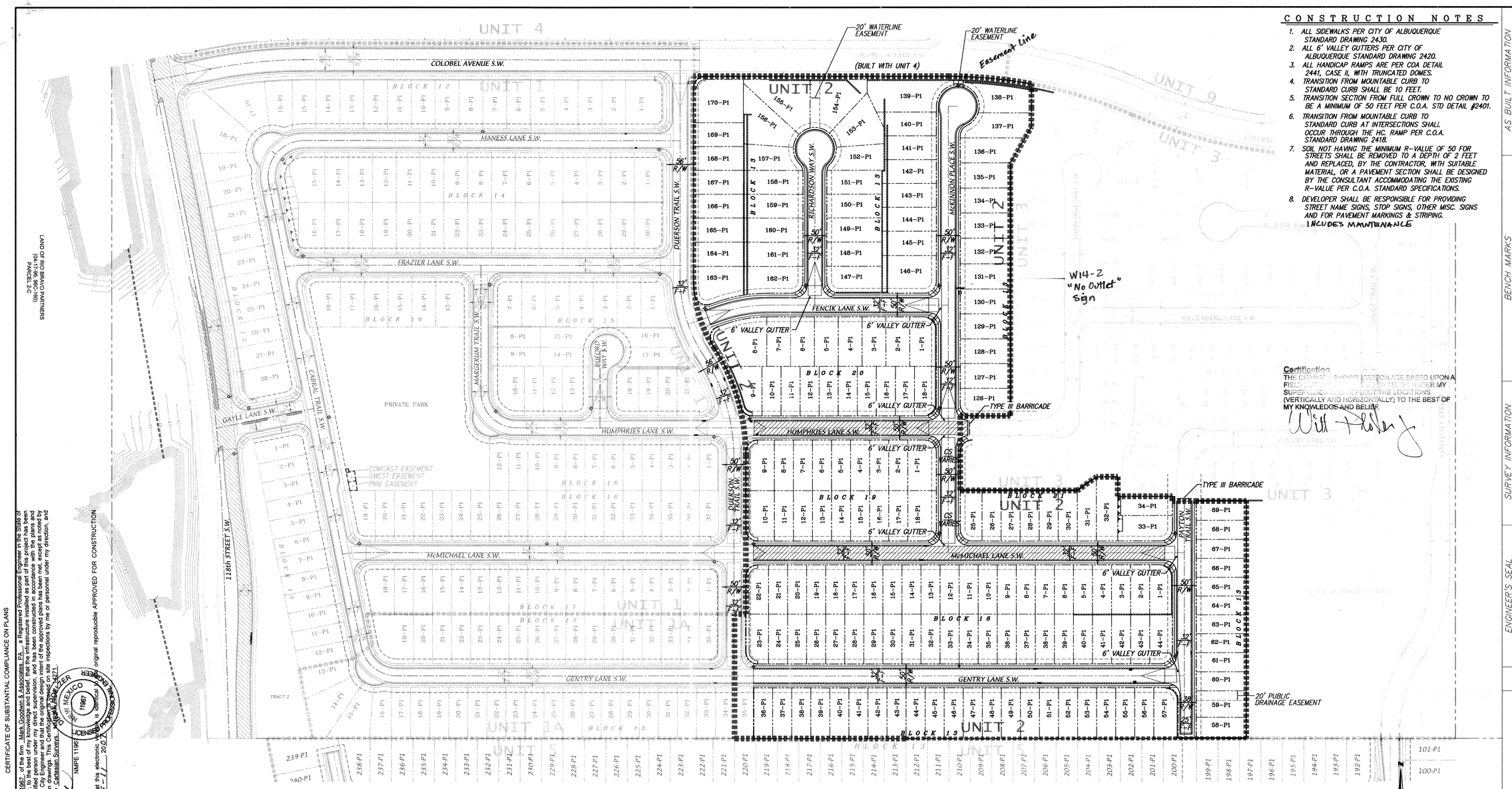
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

A03080AH\grade n drain\3080GD-50-REVA-TEMP\SHEET 7\04-13-05\ MJR ACH

DesignJet 1050C by HP (temporary)1852.pc3

SCANNED BY PLANNING

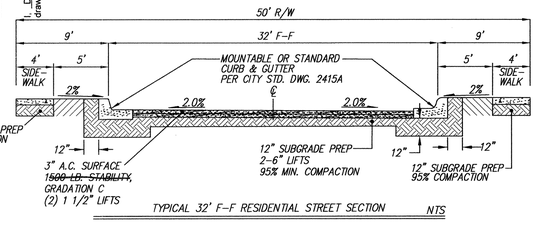
RECORD DRAWINGS



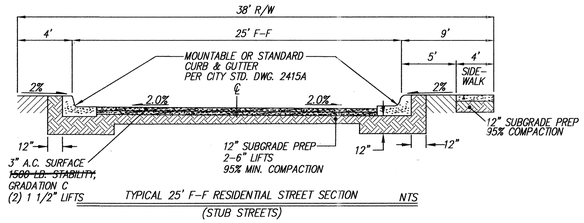
CONSTRUCTION NOTES

1. ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2430.
2. ALL 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420.
3. ALL HANDICAP RAMPS ARE PER COA DETAIL 2441, CASE II, WITH TRUNCATED DOMES.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10 FEET.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50 FEET PER C.O.A. STD DETAIL #2401.
6. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB AT INTERSECTIONS SHALL OCCUR THROUGH THE HC. RAMP PER C.O.A. STANDARD DRAWING 2418.
7. 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.
8. DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING STREET NAME SIGNS, STOP SIGNS, OTHER MISC. SIGNS AND FOR PAVEMENT MARKINGS & STRIPING. INCLUDES MAINTENANCE

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



TYPICAL 32' F-F RESIDENTIAL STREET SECTION NTS



TYPICAL 25' F-F RESIDENTIAL STREET SECTION (STUB STREETS) NTS

SPECIAL NOTE: FOR McMICHAEL LANE & HUMPHRIES LANE S.W. USE 4" A.C. (2) 2" LIFTS OF ~~1500 LB STABILITY~~, GRADATION "B".

LEGEND

- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SIDEWALK
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- EXISTING CURB & GUTTER
- FUTURE CURB & GUTTER
- NEW FULL CROWN TRANSITION
- NEW 1/2 CROWN TRANSITION
- UNIT BOUNDARY LINE
- NEW RETAINING WALL
- NEW STREET LIGHT
- USE 4" A.C. PAVEMENT SEE TYPICAL 32' F-F SPECIAL NOTE
- NEW WHEELCHAIR RAMP
- NEW UNI-DIRECTIONAL WHEELCHAIR RAMP

A03080AH\PLANS\UNIT 2\M-PAVE-UNIT2.dwg\02-08-06\DER

100' 50' 0 100' 200'

SCALE: 1" = 100'

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 182.2' 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 INSPECTED BY
INSPECTORS ACCEPTANCE
VERIFICATION BY
DRAWING CHECKED BY
MICRO-FILM INFORMATION
RECORDED BY
NO.
DATE

ENGINEER'S SEAL

DIANE HOELTZER NEW MEXICO 12987 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY DLH	DATE 01/06
		DRAWN BY DER	DATE 01/06
		CHECKED BY DMG	DATE 01/06

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 2 MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
753984	N-8/P-8	9	22

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoeltzer, NMPE 12987, 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 is substantially in compliance with the approved plans and specifications, and that it has been inspected by me or by a qualified person under my supervision 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 Cartesian Surveys, Inc. dated 1-27-06.

NEW MEXICO 12987 REGISTERED PROFESSIONAL ENGINEER

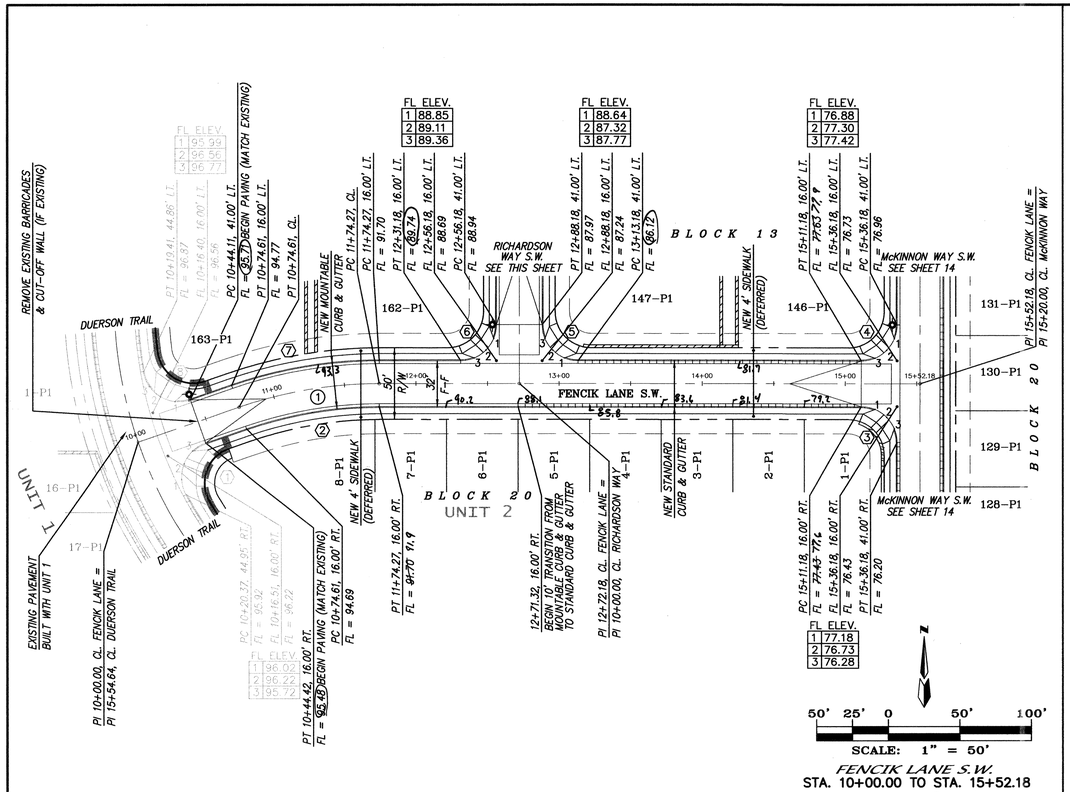
Diane Hoeltzer
NMPE 12987

I, Diane Hoeltzer, certify that this electronic media is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 2-10, 2006.

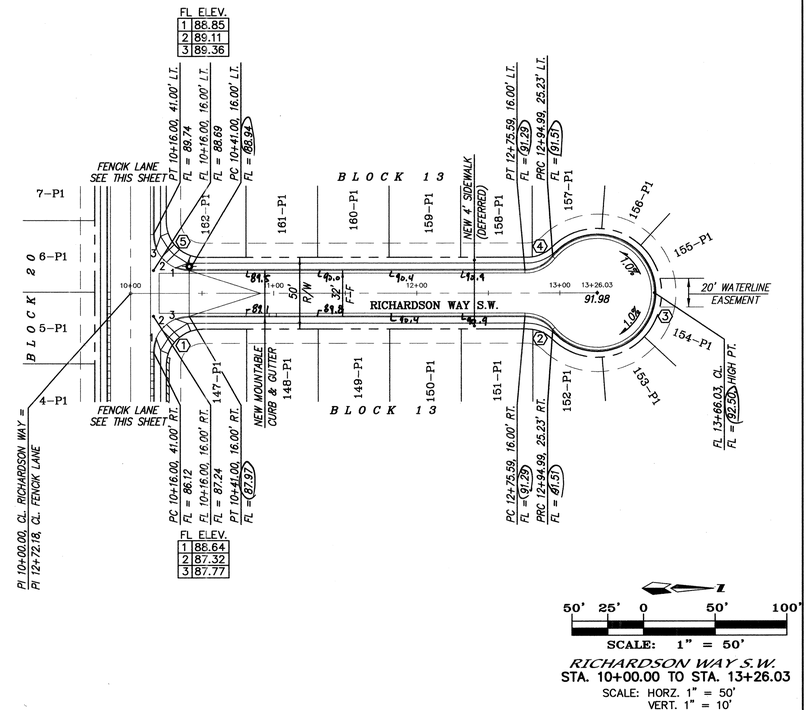
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RECORD DRAWINGS

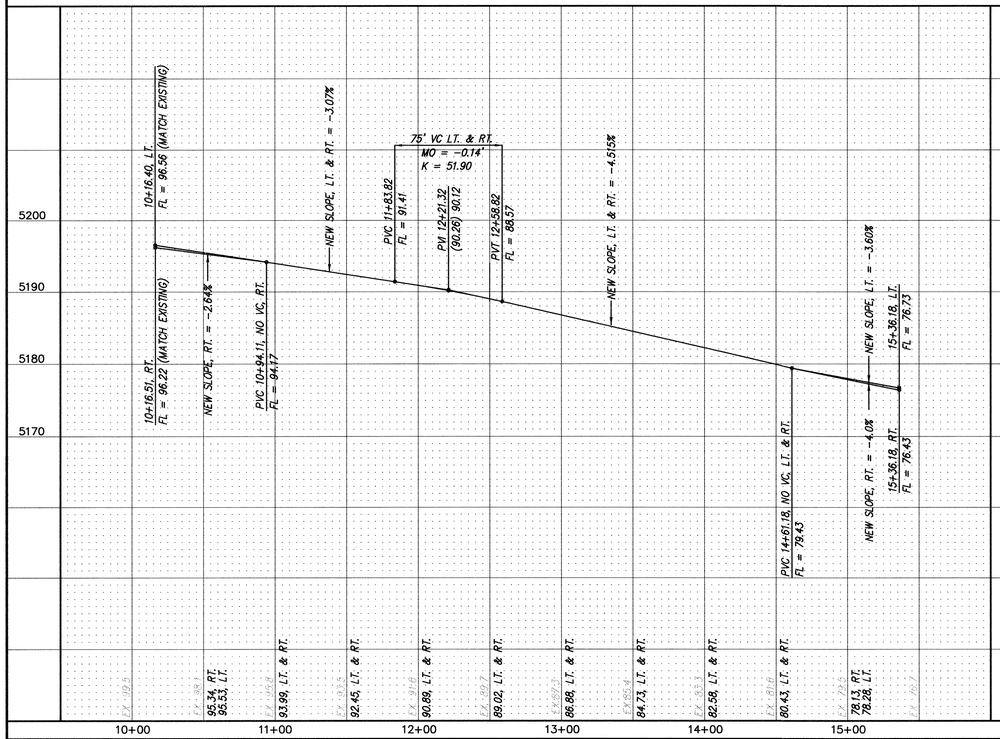
SCANNED BY PLANNING

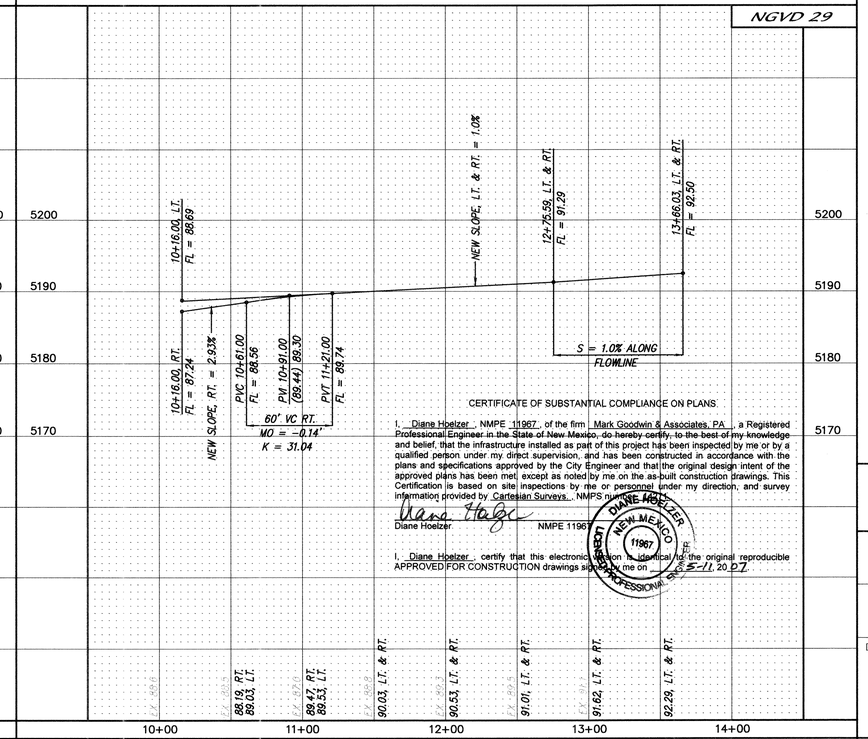


FENCIK LANE S.W.
STA. 10+00.00 TO STA. 15+52.18
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



RICHARDSON WAY S.W.
STA. 10+00.00 TO STA. 13+26.03
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'





NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

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

① Δ = 101°17'29" R = 25.00' L = 44.20' T = 30.49'
② Δ = 19°01'59" R = 284.00' L = 94.34' T = 47.61'
③ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
④ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
⑤ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
⑥ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
⑦ Δ = 19°01'59" R = 316.00' L = 104.97' T = 52.97'
⑧ Δ = 78°42'31" R = 25.00' L = 34.34' T = 20.50'

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 19°01'59" R = 300.00' L = 99.66' T = 50.29'

RICHARDSON WAY S.W.
CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
② Δ = 50°53'35" R = 25.00' L = 22.21' T = 11.90'
③ Δ = 281°47'10" R = 40.00' L = 196.72' T = N/A
④ Δ = 50°53'35" R = 25.00' L = 22.21' T = 11.90'
⑤ 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.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 Cartesian Surveys., NMPS number 11967.

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 8-5-11, 20 07.

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 MEST 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
SURVEYED BY Cartesian Surveys Inc. DATE 06
WORK INSPECTOR'S ACCEPTANCE BY DATE
VERIFICATION BY Cartesian Surveys Inc. DATE JUN 06
CHECKED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY GK	DATE 07/04
		DRAWN BY ACH	DATE 07/04
		CHECKED BY DMG	DATE 07/04

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*
FENCIK LANE S.W. & RICHARDSON WAY S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET OF
753984	N-8/P-8	10 22

A3080AH/PLANS/UNIT-2/PAVING/PP-8.dwg/02-08-06/ACH DER

F:\AGIS\OBS\A3080AH\PLANS\Unit-2\Paving\PP-8.dwg, 2/8/2006 11:23:35 AM, PLOTTED BY: DER

RECORD DRAWINGS

SCANNED BY PLANNING

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 86°24'27" R = 25.00' L = 37.70' T = 23.48'

② Δ = 92°55'26" R = 25.00' L = 40.55' T = 26.31'

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

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

⑪ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

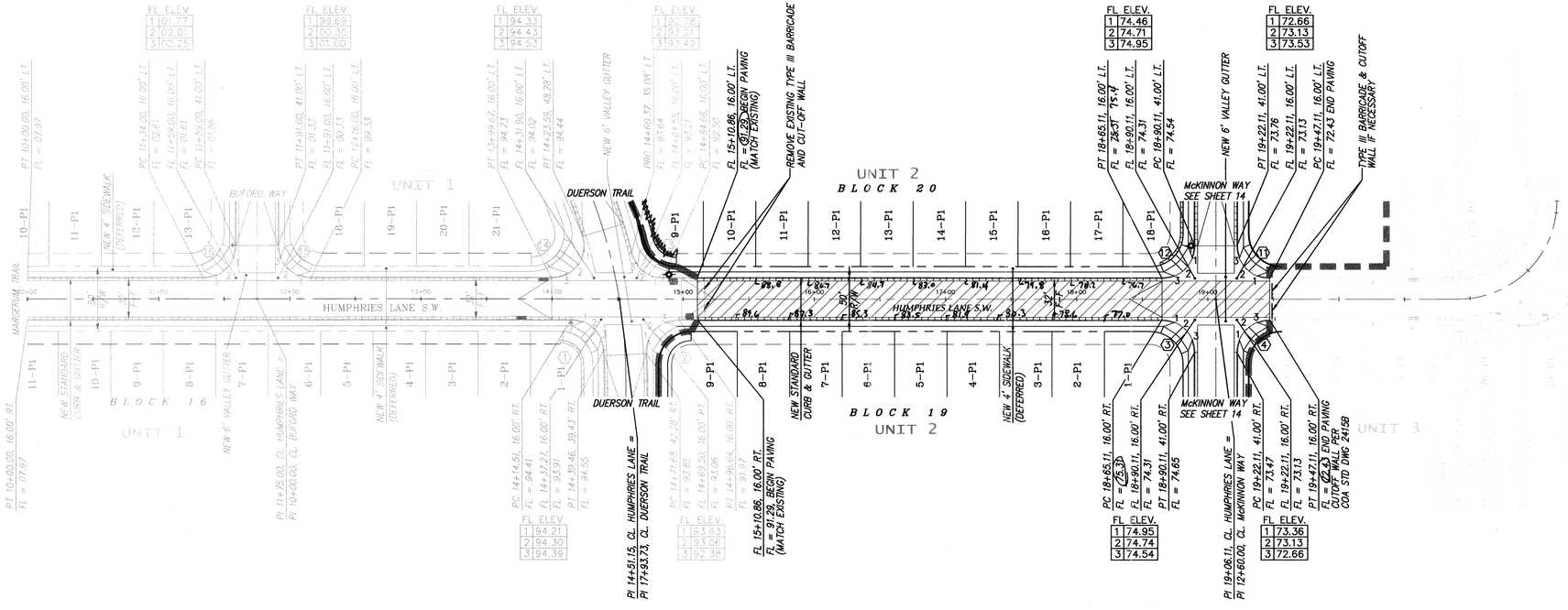
⑫ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

⑬ Δ = 76°17'36" R = 25.00' L = 33.29' T = 19.64'

⑭ Δ = 106°55'20" R = 25.00' L = 46.65' T = 33.74'

⑮ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

⑯ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'



Certification

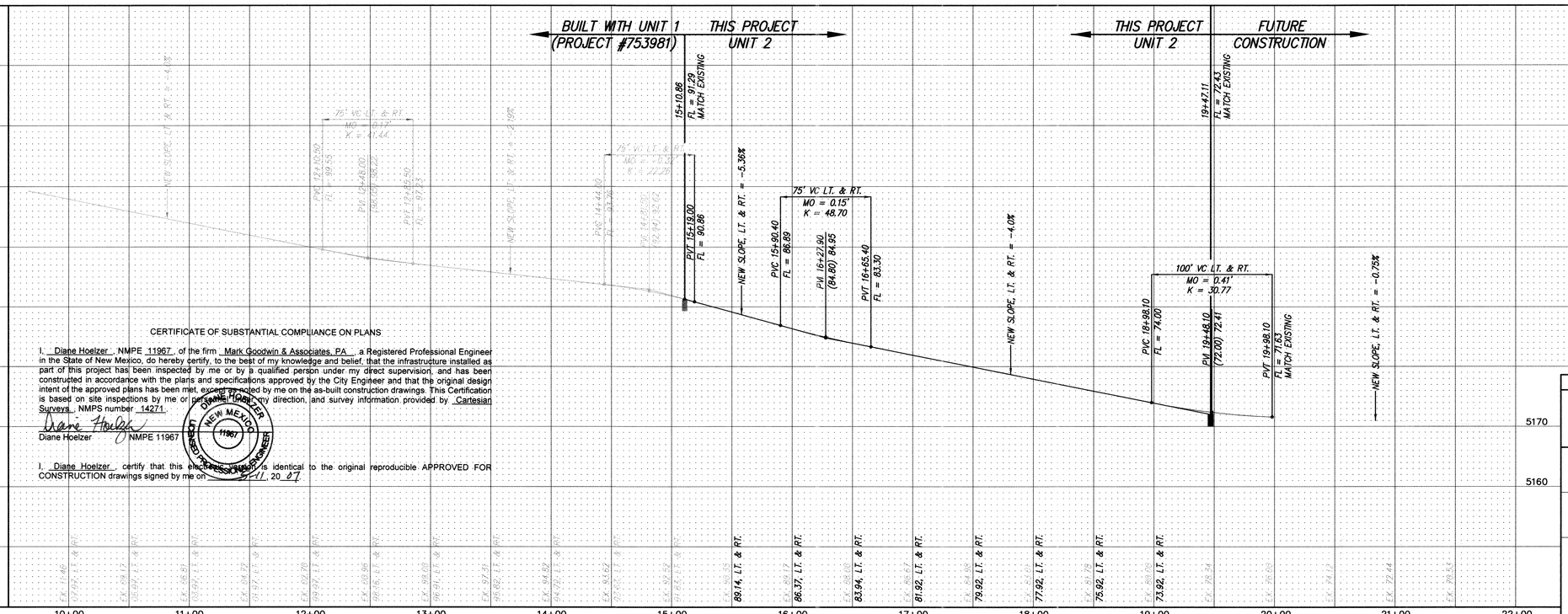
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will H Goodwin Jr

50' 25' 0 50' 100'

SCALE: 1" = 50'

HUMPHRIES LANE S.W.
STA. 15+10.85 TO STA. 19+47.11
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 Cartesian Surveys, NMPS number 14271.

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 3-17, 20 07

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 RIVITTED 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 PERFORMED BY Cartesian Surveys Inc. DATE JUN 0 4
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE JUN 0 4
DRAWING CORRECTED BY DATE
MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
2.2.06

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY GJK	DATE 06/04
		DRAWN BY ACH	DATE 06/04
		CHECKED BY DMG	DATE 06/04

23+00

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*
HUMPHRIES LANE S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
DEVIS LETTER	MAR 16 2006 CITY ENGINEER			

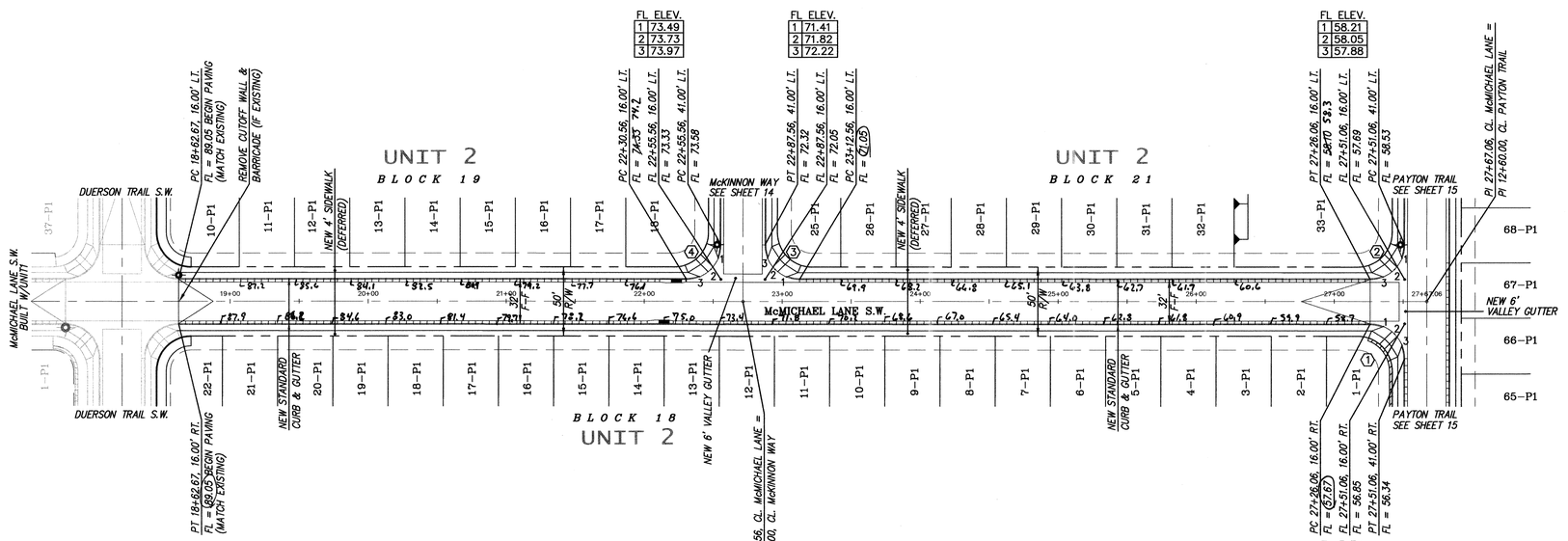
CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 11 OF 22

A3080AH/PLANS/UNIT–2/PAVING/PP–7.dwg/02–04–06/ACH DER

F:\A03\OBS\A3080AH\PLANS\Unit-2\Paving\PP-7.dwg, 2/8/2006 11:25:59 AM, PLOTTED BY: DER

RECORD DRAWINGS

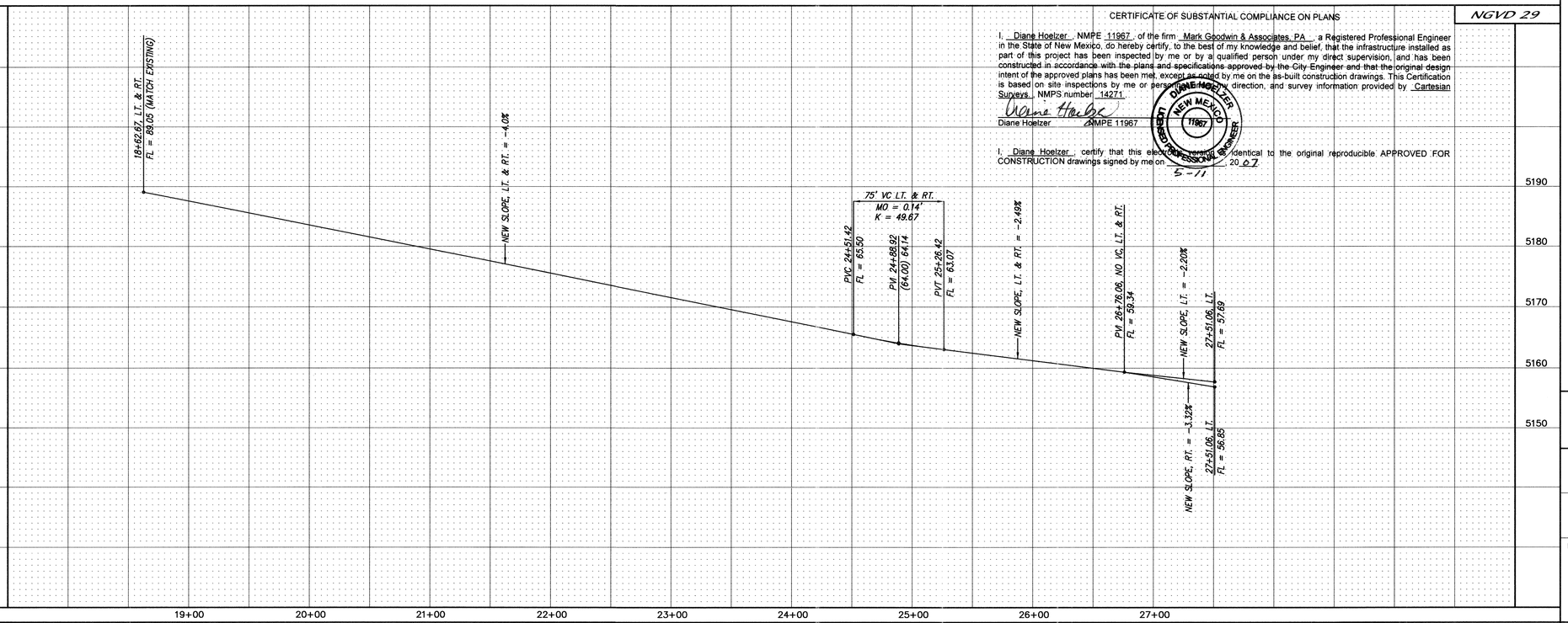
SCANNED BY PLANNING



50' 25' 0 50' 100'

SCALE: 1" = 50'

McMICHAEL LANE
STA. 18+62.67 TO STA. 27+67.06
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 persons under my direction, and survey information provided by Cartesian Surveys, NMPS number 14271.

Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic rendering is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5-11 20 07

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

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

① Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
② Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
③ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
④ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'

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

Will Haden

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY: Cartesian Surveys Inc. DATE 2-2006
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE JAN 06
DRAWING CHECKED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION

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 RIVITTED 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).

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO. DATE REMARKS BY
REVISIONS
DESIGNED BY GK DATE 07/04
DRAWN BY ACH DATE 07/04
CHECKED BY DMG DATE 07/04

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*
McMICHAEL LANE S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

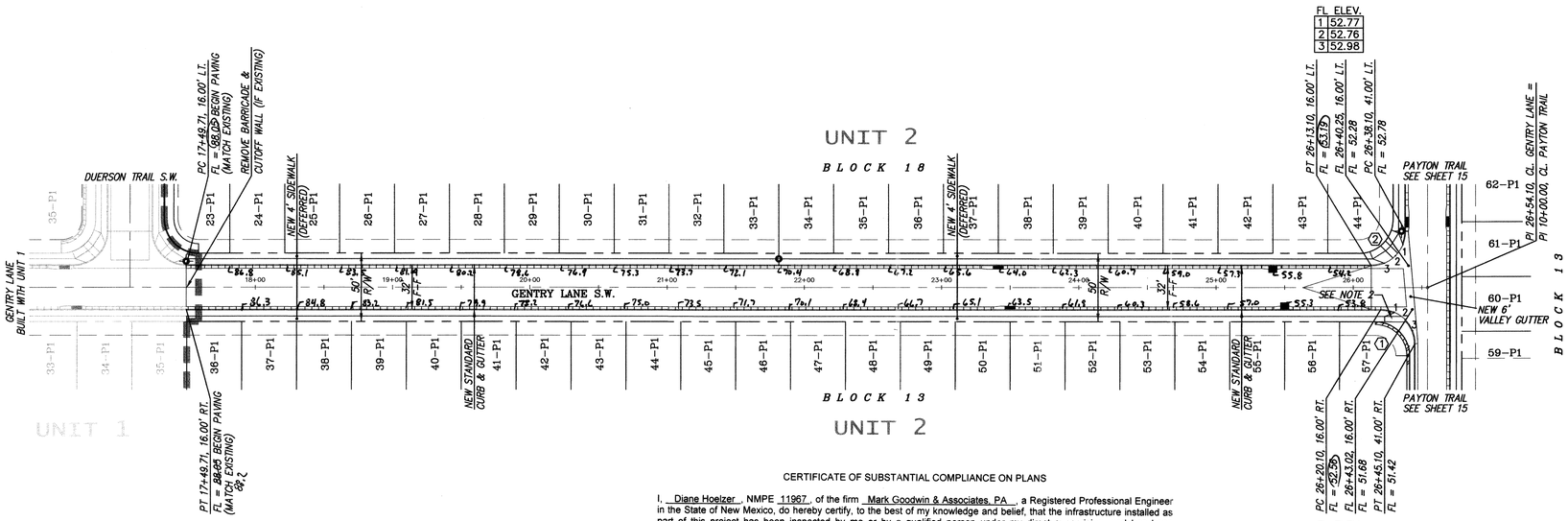
CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 12 OF 22

A3080AH/PLANS/UNIT-2/PAVING/PP-11.dwg/02-08-06/ACH DER

F:\AO3\OBS\A3080AH\PLANS\Unit-2\Paving\PP-11.dwg, 2/8/2006 11:28:34 AM, PLOTTED BY: DER

SCANNED BY PLANNING

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 persons under my direction, and survey information provided by Cartesian Surveys, NMPS number 14271.

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 5-11, 20 07

50' 25' 0 50' 100'

SCALE: 1" = 50'

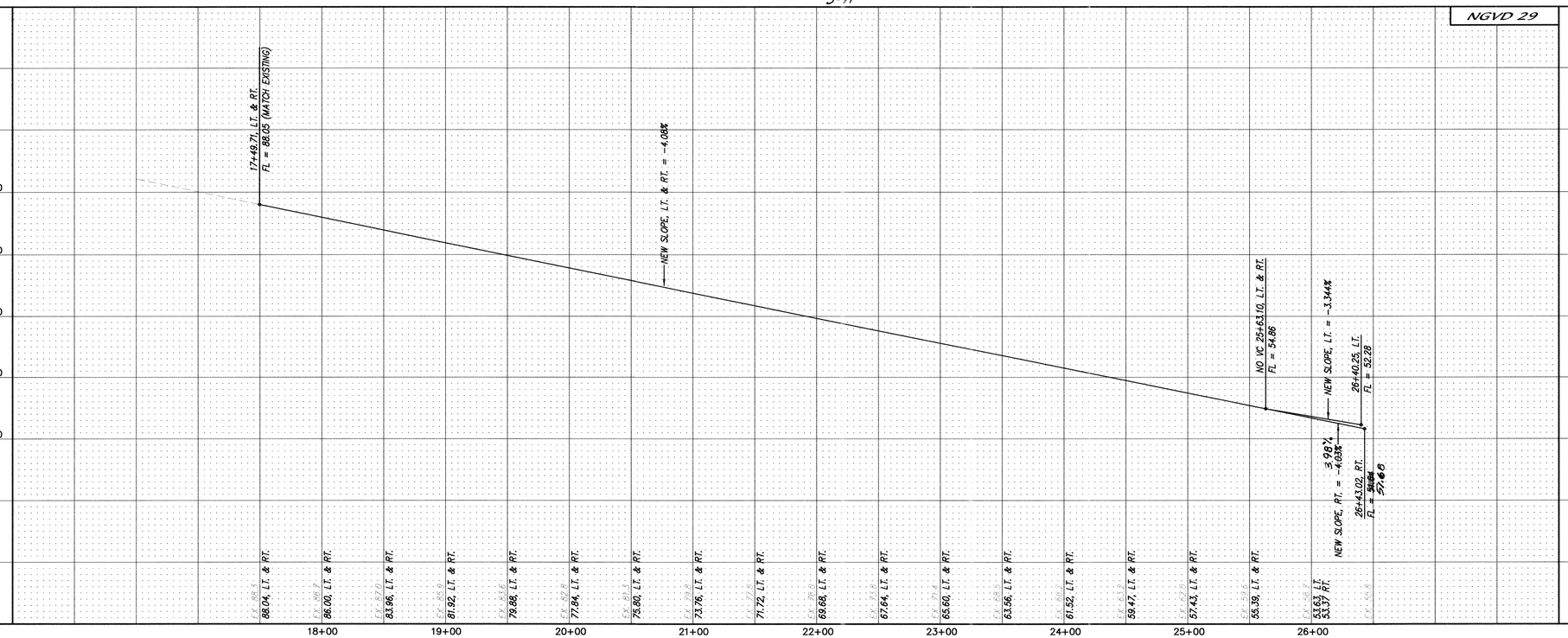
GENTRY LANE S.W.
STA. 17+49.71 TO STA. 26+54.10
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. UNIDIRECTIONAL WHEELCHAIR RAMP PER CITY STANDARD DWG #2426. WITH TRUNCATED DOMES

GENTRY LANE S.W.
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'



A3080AH/PLANS/UNIT-2/PAVING/PP-13.dwg/02-08-06/ACH DER

F:\AGIS\OBS\A3080AH\PLANS\Unit-2\Paving\PP-13.dwg, 2/8/2006 11:32:12 AM, PLOTTED BY: DER

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.

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
3-9-06

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY: Cartesian Surveys Inc. DATE: 2006
INSPECTORS ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE: JUN 06
DRAWING COMPILED 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.	DATE	BY

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

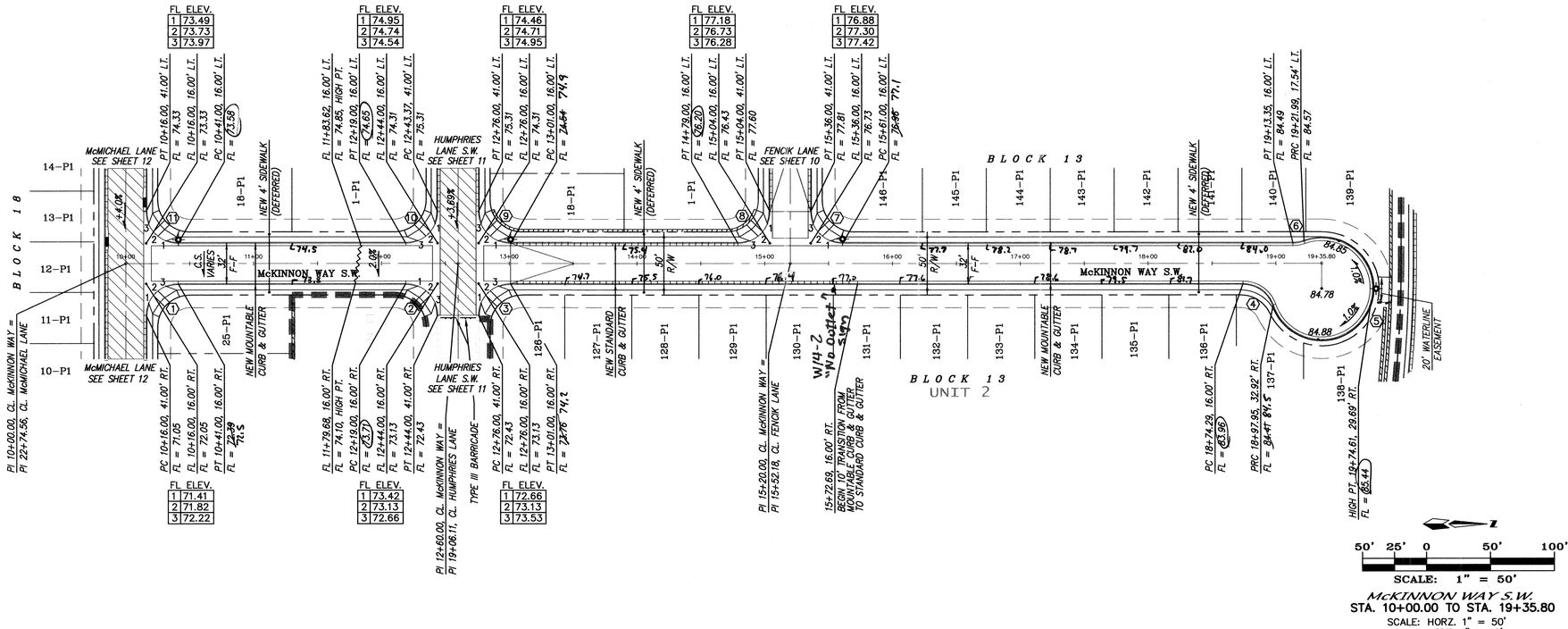
TITLE: ANDERSON HEIGHTS - UNIT 2
GENTRY LANE S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
REVISIONS	MAR 16 2006 CITY ENGINEER			

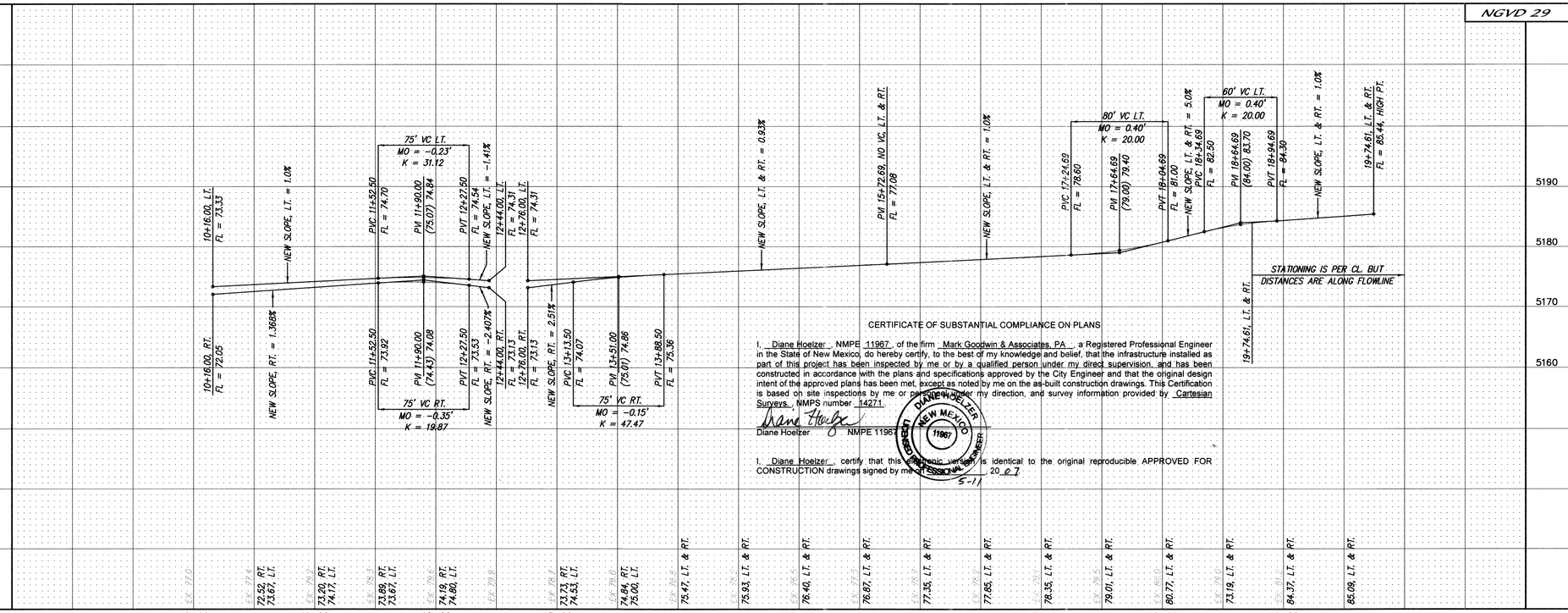
CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 13 OF 22

RECORD DRAWINGS

SCANNED BY PLANNING



McKINNON WAY S.W.
STA. 10+00.00 TO STA. 19+35.80
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES FACE OF CURB

① Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	② Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'
③ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	④ Δ = 71°09'03" R = 25.00' L = 31.05' T = 17.88'
⑤ Δ = 271°21'22" R = 40.00' L = 189.44' T = N/A	⑥ Δ = 20°12'19" R = 25.00' L = 8.82' T = 4.45'
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'
⑪ Δ = 90°00'00" R = 25.00' L = 39.27' T = 25.00'	

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

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 persons under my direction, and survey information provided by Cartesian Surveys, NMPS number 14271.

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 5-11, 20 07

AS BUILT INFORMATION

CONTRACTOR
WORK PERFORMED BY: Cartesian Surveys Inc. DATE: 2-9-06
INSPECTORS ACCEPTANCE BY: DATE
VERIFICATION BY: Cartesian Surveys Inc. DATE: JUN 06
CHECKED 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=1492437.48 (NAD 27). ELEV=4935.735 (SLD 29)

MICRO–FILM INFORMATION
RECORDED BY: DATE:
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
2-9-06

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY G/K DATE 07/04
DRAWN BY ACH DATE 07/04
CHECKED BY DMG DATE 07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS - UNIT 2
McKINNON WAY S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

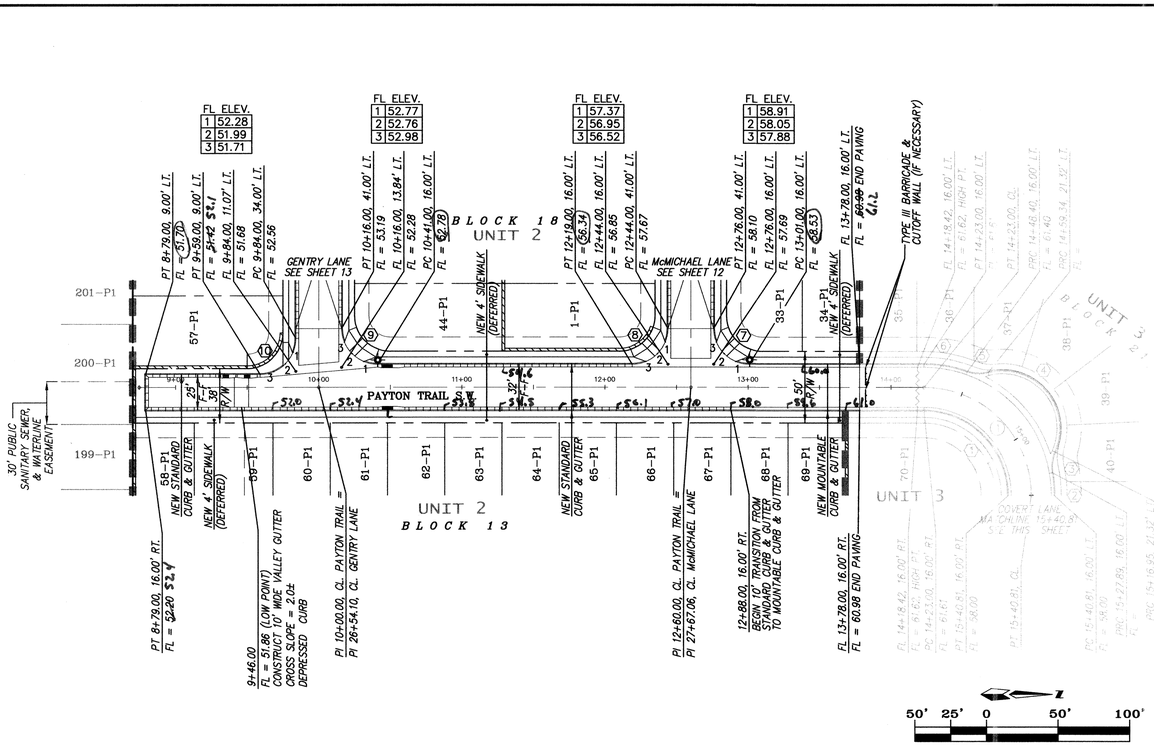
CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 14 OF 22

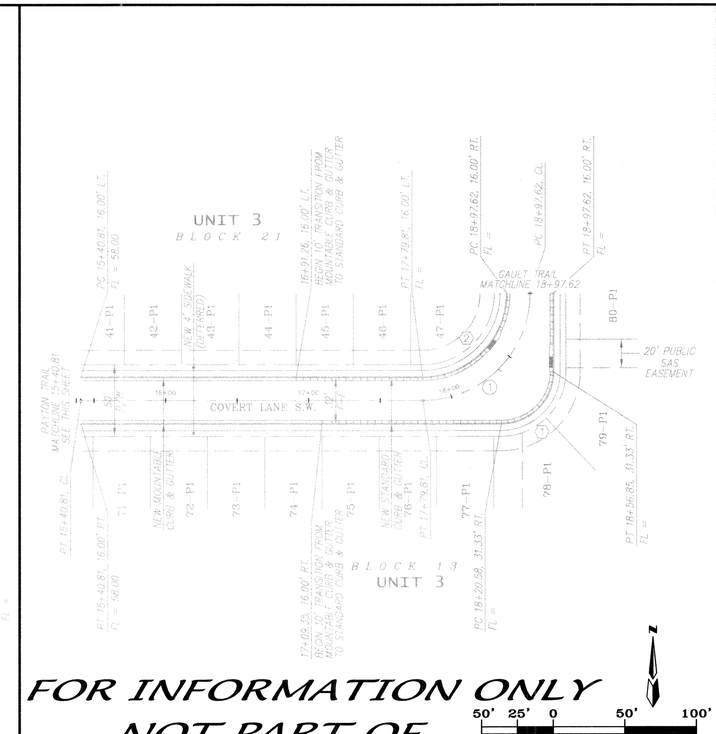
A3080AH/PLANS/UNIT–2/PAVING/PP–9.dwg/02–08–06/ACH DER

F:\AO3\CBS\A3080AH\PLANS\Unit-2\Paving\PP-9.dwg, 2/8/2006 11:34:46 AM, PLOTTED BY: DER

SCANNED BY PLANNING

RECORD DRAWINGS





FOR INFORMATION ONLY
NOT PART OF
THIS WORK ORDER

NOTES

1. ALL STATIONING IS BASEDM ON CENTERLINE PAYTON TR.

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

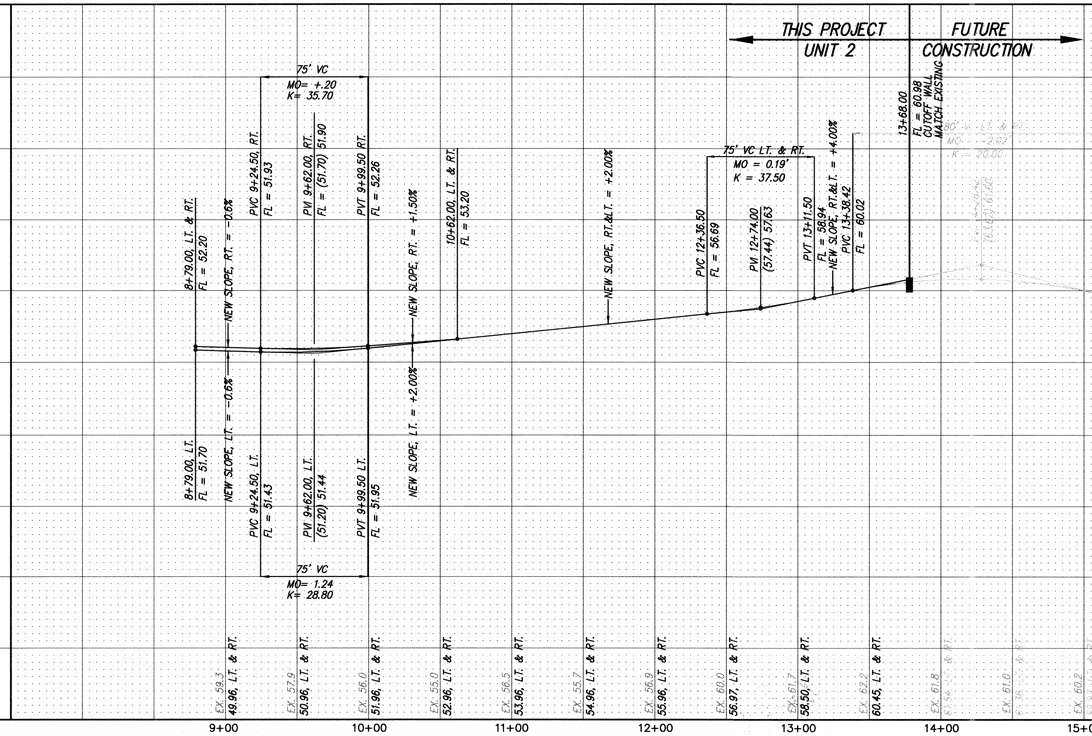
① Δ = 90°00'00" R = 36.00' L = 56.55' T = 36.00'	② Δ = 90°00'00" R = 59.00' L = 92.68' T = 59.00'

CURVE DATA – DESCRIBES CENTERLINE

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

Certification
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NGVD 29



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 Cartesian Surveys, NMPS number 14271.

Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic media is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5/1/ 20 07

AS BUILT INFORMATION

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 RIVITTED 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)

CONTRACTOR
WORK STAKED BY: Cartesian Surveys Inc. DATE 2-2006
INSPECTOR'S ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE 10/06
DRAWINGS CORRECTED BY: DATE
MICRO–FILM INFORMATION
RECORDED BY: DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 5-21-07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY GJK	DATE 07/04
		DRAWN BY ACH	DATE 07/04
		CHECKED BY DMG	DATE 07/04

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
PAYTON TRAIL S.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 15 OF 22

A3080AH/PLANS/UNIT–2/PAVING/PP–15.dwg/02–08–06/ACH DER

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RECORD DRAWINGS

SCANNED BY PLANNING

F:\A03J\085\A3080AH\PLANS\Unit-2\M-UTIL-UNIT2.dwg, 2/18/2006 12:56:17 PM, PLOTTED BY: DER

EXISTING G.V. "E"
NON-PRESSURE CONNECTION

20' WATERLINE EASEMENT

EXISTING G.V. "F"
NON-PRESSURE CONNECTION

UNIT 4

UNIT 1

UNIT 2

UNIT 3

UNIT 9

COLOBEL AVENUE S.W.

MANESS LANE S.W.

FRAZIER LANE S.W.

GAYLE LANE S.W.

CABRAL TRAIL S.W.

DUERSON TRAIL S.W.

MARGERUM TRAIL S.W.

BUFORD WAY S.W.

RICHARDSON WAY S.W.

McKINNON PLACE S.W.

FENCIK LANE S.W.

HUMPHRIES LANE S.W.

McMICHAEL LANE S.W.

GENTRY LANE S.W.

PAYTON TRAIL S.W.

118th STREET S.W.

THAYER LANE S.W.

VANDORKE WAY S.W.

HILGENBERG LANE S.W.

COVERT LANE S.W.

CORRUGATED CREEK S.W.

20' PUBLIC DRAINAGE EASEMENT

PUBLIC DRAINAGE EASEMENT

PRIVATE PARK

TRACT 2

LAND OF RIO BRAVO PARTNERS
(04-17-96, 96C-180)
PARCEL 2-C

COA DRAINAGE EASEMENT

COA DRAINAGE EASEMENT

COMCAST EASEMENT
QWEST EASEMENT
PNM EASEMENT

EXISTING G.V. "A"
NON-PRESSURE CONNECTION

EXISTING G.V. "B"

EXISTING G.V. "C"

EXISTING G.V. "D"
NON-PRESSURE CONNECTION

NON-PRESSURE CONNECTION

NON-PRESSURE CONNECTION

EXISTING G.V. "G"

Certification

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

Will Hoelzer

LEGEND

- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- NEW MOUNTABLE CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW SIDEWALK
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- NEW RETAINING WALL
- 24"RCP — NEW STORM DRAIN
- NEW STORM DRAIN MH
- 6"WL — NEW WATERLINE
- NEW WATER METERS
- NEW TEE
- NEW VALVE
- NEW FIRE HYDRANT
- 8"SAS — NEW SAS
- NEW SAS MH
- S — NEW SAS SERVICES
- 77310 — NEW LOT ADDRESS
- NEW STREET LIGHT
- 24 — NEW INLET CALLOUT
- NEW SAS MH CALLOUT
- NEW STORM DRAIN MH CALLOUT
- S — EXISTING SAS SERVICE
- EX 8"SAS — EXISTING SAS
- EX 6"WL — EXISTING WATERLINE
- EX 24"RCP — EXISTING STORM DRAIN

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 or my staff on the construction drawings. This Certification is based on site inspections by me or persons under my direction, and survey information provided by Cartesian Surveys, NMPS Number 12393.

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 5-11, 20 07

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", "E", "F" & "G" ARE SHUT OFF TO MAKE CONNECTIONS IN:

GENTRY LANE - GATE VALE "A"
McMICHAEL LANE - GATE VALVE "B"
HUMPHRIES LANE - GATE VALVE "C"
FENCIK LANE - GATE VALVE "D"
RICHARDSON WAY - GATE VALVE "E"
McKINNON PLACE - GATE VALVE "F"
PAYTON TRAIL - GATE VALVE "G"

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.
10. STEPS SHALL NOT BE INSTALLED IN SANITARY SEWER MANHOLES.

100' 50' 0 100' 200'
SCALE: 1" = 100'

A03080AH\PLANS\UNIT-2\M-UTIL-UNIT2.dwg\02-18-06\DER

AS BUILT INFORMATION

CONTRACTOR

WORK INSPECTED BY Cartesian Surveys Inc. DATE JUN 06

INSPECTORS ACCEPTANCE BY DATE

FIELD VERIFICATION BY Cartesian Surveys Inc DATE JUN 06

DRAWING CHECKED 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 MEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVITTED 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

JANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		01/06
	DESIGNED BY DLH		01/06
	DRAWN BY DER		01/06
	CHECKED BY DMG		

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

ANDERSON HEIGHTS - UNIT 2 MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 16 OF 22

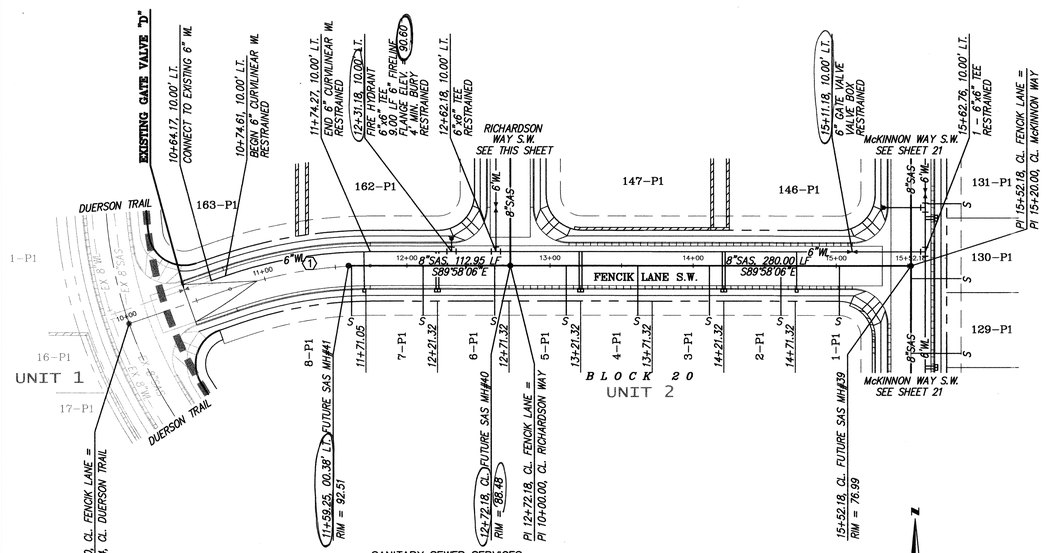
RECORD DRAWINGS

SCANNED BY PLANNING

CURVE DATA – DESCRIBES WATERLINE

① Δ = 19°01'59"
R = 310.00'
L = 102.98'
T = 51.97'

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



SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
20	1–P1	15+02.18	72.89	35.80'
20	2–P1	14+61.32	74.81	35.00'
20	3–P1	14+11.32	76.98	35.00'
20	4–P1	13+61.32	79.13	35.00'
20	5–P1	13+11.32	81.28	35.00'
20	6–P1	12+61.32	83.42	35.00'
20	7–P1	12+11.32	85.42	35.00'
20	8–P1	11+59.61	87.10	35.00'

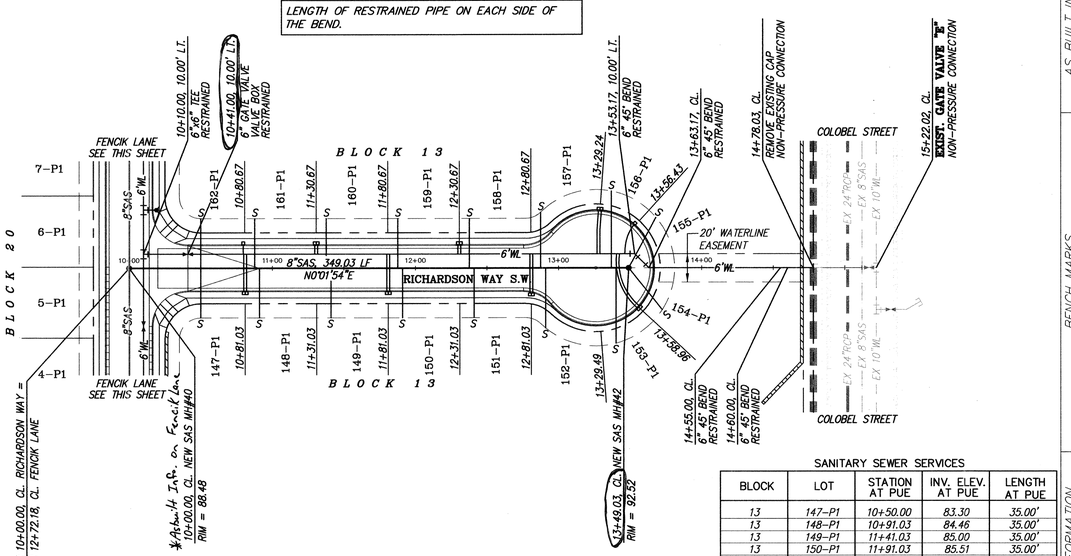
SCALE: 1" = 50'

FENCIK LANE S.W.
STA. 10+64.17 TO STA. 15+52.18
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

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.					

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.



SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	147–P1	10+50.00	83.30	35.00'
13	148–P1	10+91.03	84.46	35.00'
13	149–P1	11+41.03	85.00	35.00'
13	150–P1	11+91.03	85.51	35.00'
13	151–P1	12+41.03	86.01	35.00'
13	152–P1	12+91.03	86.56	42.43'
13	153–P1	13+40.16	87.21	53.15'
13	154–P1	13+72.42	88.15	44.33'
13	155–P1	13+68.04	87.59	47.89'
13	156–P1	13+36.90	87.17	53.91'
13	157–P1	12+87.53	86.51	39.29'
13	158–P1	12+37.67	85.97	35.00'
13	159–P1	11+87.67	85.47	35.00'
13	160–P1	11+37.67	84.97	35.00'
13	161–P1	10+87.67	84.47	35.00'
13	~~162–P1~~	~~10+70.67~~ (10+50.67)	~~81.88~~ 81.0	35.00'

SCALE: 1" = 50'

RICHARDSON WAY S.W.
STA. 10+00.00 TO STA. 14+78.03
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

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 PERFORMED BY: Cartesian Surveys Inc. DATE 2/2006
INSPECTOR'S ACCEPTANCE BY: DATE
VERIFICATION BY: Cartesian Surveys Inc DATE 10/06 0.6
DRAWING CHECKED BY: DATE

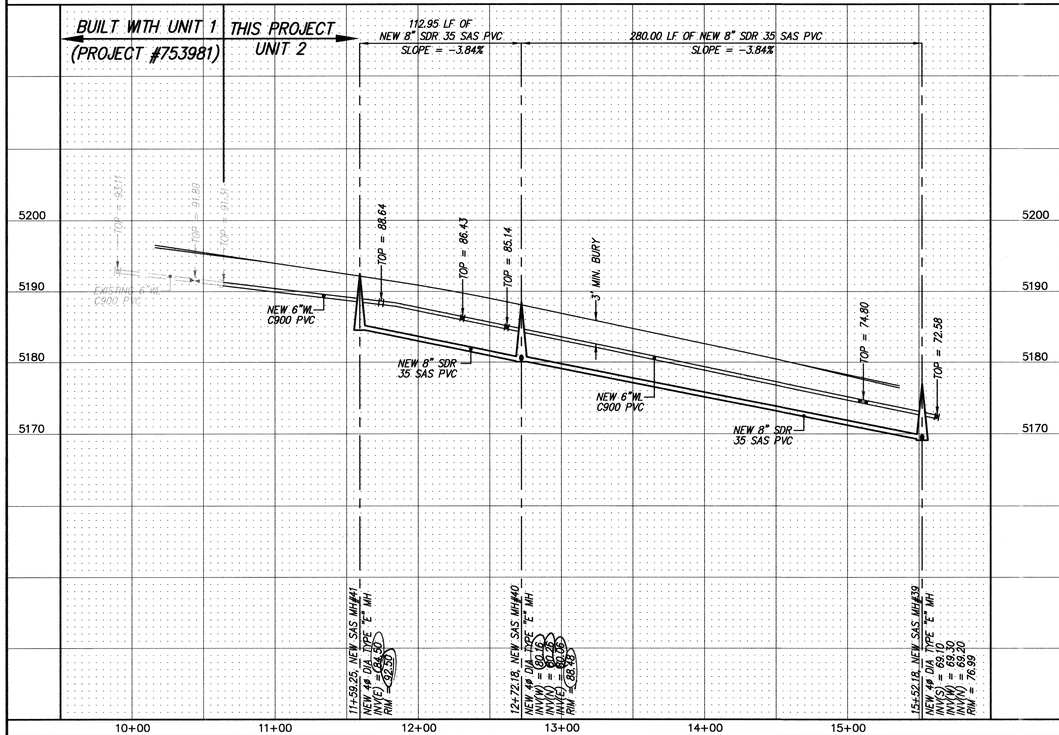
BENCH MARKS
STATION "3–P10" IS LOCATED 5.9 MI. SW OF DOWNTOWN ALBUQUERQUE TO REACH STATION FROM INT. OF COORS AND DENNIS CHAVEZ BLVD. (FORMERLY RIO BRAVO), GO S. ON COORS BLVD.0.62 MI. TO THE STATION WHICH IS ON AN EARTHEN BERM 162.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE THE GROUND AND IS STAMPED "3–P10, 1998", X=360733.56, Y=1482437.48 (NAD 27). ELEV=4935.735 (SLD 29)

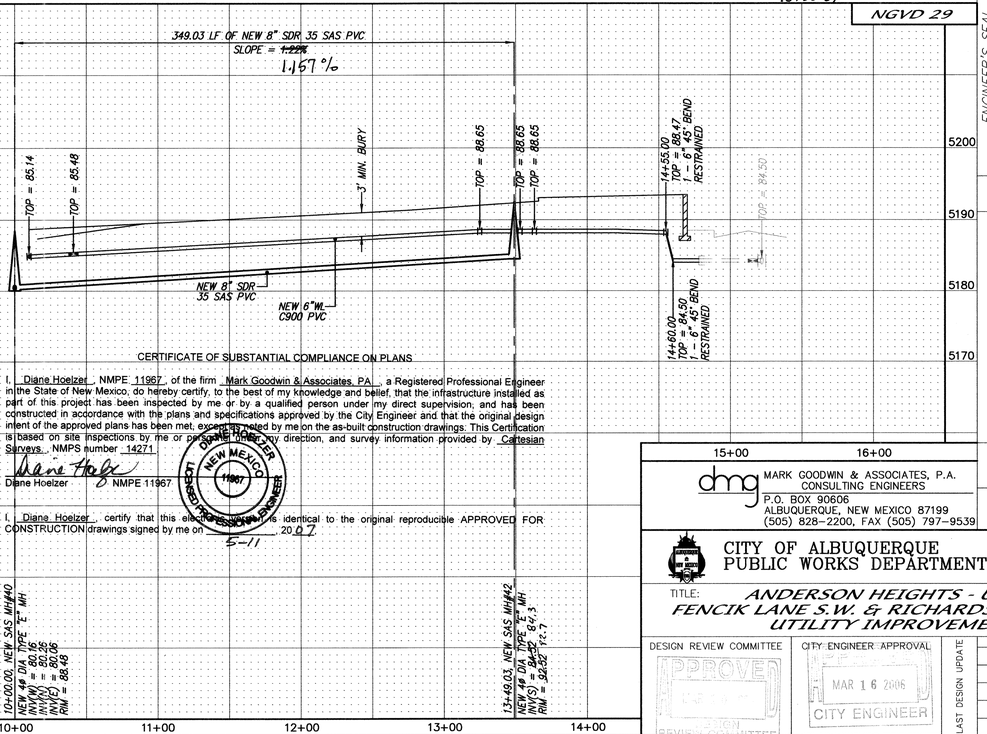
SURVEY INFORMATION
FIELD NOTES BY: DATE:

MICRO–FILM INFORMATION
RECORDED BY: DATE:
NO.

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
90-6-2

NGVD 29





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 Cartesian Surveys. NMPS number 14271.

Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic submittal is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5-11, 2007.

REMARKS	NO.	DATE	BY
REVISIONS			
DESIGN		DATE 07/04	
DESIGNED BY GJK		DATE 07/04	
DRAWN BY ACH		DATE 07/04	
CHECKED BY DMG		DATE	

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
FENCIK LANE S.W. & RICHARDSON WAY S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED AS PER REVIEW COMMITTEE	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 17 OF 22

A3080AH/PLANS/UNIT–2/UTILITIES/UP–8.dwg/02–08–06/ACH GJK DER

F:\A03JOBS\A3080AH\PLANS\Unit 2\Utilities\UP-8.dwg, 2/8/2006 1:03:46 PM, PLOTTED BY: DER

RECORD DRAWINGS

SCANNED BY PLANNING

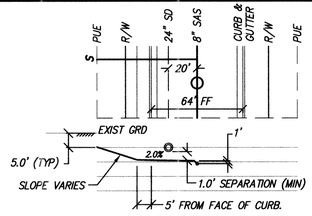
EXIST. SANITARY SEWER SERVICES – UNIT 1

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
15	10	10+06.34	02.72	35.00'
15	11	10+46.34	01.12	35.00'
15	12	10+86.34	99.52	35.00'
15	13	11+25.00	97.97	35.00'
15	18	12+25.00	93.99	35.00'
15	19	12+86.65	92.20	35.00'
15	20	13+26.65	91.33	35.00'
15	21	13+84.13	90.07	35.00'
16	1	14+06.11	89.59	35.00'
16	2	13+73.53	90.30	35.00'
16	3	13+33.53	91.18	35.00'
16	4	12+93.33	92.06	35.00'
16	5	12+53.33	93.06	35.00'
16	6	12+13.53	94.43	35.00'
16	7	11+73.53	96.03	35.00'
16	8	11+33.53	97.63	35.00'
16	9	10+93.53	99.23	35.00'
16	10	10+53.53	00.83	35.00'
16	11	10+13.53	02.42	35.00'

EXIST. SANITARY SEWER SERVICES – UNIT 1

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
19	1 **	18+56.11	70.68	35.00'
19	2 **	18+11.16	72.47	35.00'
19	3 **	17+71.16	74.07	35.00'
19	4 **	17+31.16	75.67	35.00'
19	5 **	16+91.16	77.27	35.00'
19	6 **	16+51.16	78.89	35.00'
19	7 **	16+11.16	80.78	35.00'
19	8 **	15+71.16	82.96	35.00'
19	9 **	15+31.16	85.18	35.00'
20	9	15+05.25	86.58	35.00'
20	10	15+45.25	84.40	35.00'
20	11	15+85.25	82.18	35.00'
20	12	16+25.25	80.08	35.00'
20	13	16+65.25	78.31	35.00'
20	14	17+05.25	76.71	35.00'
20	15	17+45.25	75.11	35.00'
20	16	17+85.25	73.51	35.00'
20	17	18+25.25	71.91	35.00'
20	18	18+53.11	70.80	35.00'

** THERE MAY BE CONFLICTS BETWEEN EXIST. SAS SVC'S AND THE NEW STORM DRAIN CONSTRUCTION. ALL SAS CONFLICTS WITH STORM DRAIN SHOULD BE RELOCATED IN ACCORDANCE WITH SANITARY SEWER SERVICE RELOCATION DETAIL AS SHOWN ON THIS SHEET. THE ENGINEER SHALL BE CONSULTED IF THIS DETAIL CANNOT BE ADHERED TO.

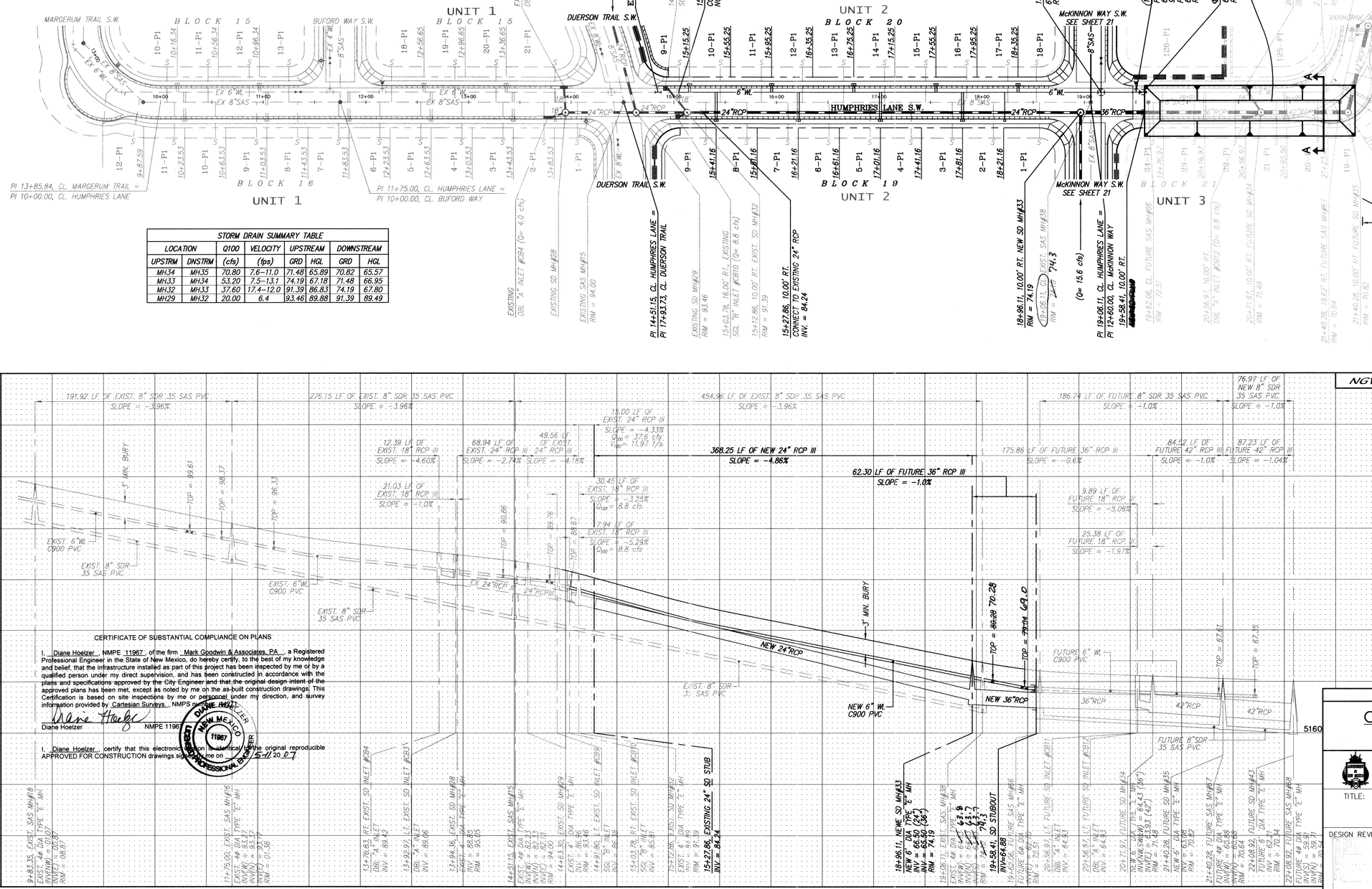


SAS SVC RELOCATION DETAIL

SANITARY SEWER SERVICE UNDER STORM.
NOTE: WHERE EXISTING SAS SVC CONFLICT WITH NEW STORM DRAIN, RELOCATE SAS SVC LATERAL IN ACCORDANCE WITH THIS DETAIL.

NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF HUMPHRIES LANE.
2. SEE SHEET 17 FOR RESTRAINED JOINT TABLE.



STORM DRAIN SUMMARY TABLE

LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH34	MH35	70.80	7.6–11.0	71.48	65.89	70.82	65.57
MH33	MH34	53.20	7.5–13.1	74.19	67.18	71.48	66.95
MH32	MH33	37.60	17.4–12.0	91.39	86.83	74.19	67.80
MH29	MH32	20.00	6.4	93.46	89.88	91.39	89.49

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 Cartesian Surveys, NMPS number 19121.

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 5-11 20 07

NEW MEXICO DIANE HOELZER 11967 PROFESSIONAL ENGINEER

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.

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
5.11.07

AS BUILT INFORMATION
CONTRACTOR: Cartesian Surveys Inc. DATE 2-2006
WORK PERFORMED BY: Cartesian Surveys Inc. DATE
INSPECTOR'S ACCEPTANCE BY: DATE
VERIFICATION BY: Cartesian Surveys Inc. DATE 6-06
CORRECTIONS 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 182.2' 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", ELEV=4935.735 (SLD 29) X=360733.56, Y=1462437.48 (NAD 27).

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

MICRO–FILM INFORMATION
RECORDED BY: DATE
NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	06/04	DESIGNED BY GJK	DATE
	06/04	DRAWN BY ACH	DATE
	06/04	CHECKED BY DMG	DATE

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
HUMPHRIES LANE S.W.
UTILITY IMPROVEMENTS

HUMPHRIES LANE S.W.
STA. 10+00.00 TO STA. 22+08.92
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL: MAR 16 2006 CITY ENGINEER | LAST DESIGN UPDATE: MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 18 OF 22

A3080AH/PLANS/UNIT-2/UTILITIES/UP-7A.dwg/02-08-06/ACH DER

F:\AC3\JOBS\A3080AH\PLANS\Unit-2\Utilities\UP-7A.dwg, 3/6/2006 8:44:30 AM, SPS

RECORD DRAWINGS

SCANNED BY PLANNING

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, 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 of Albuquerque. Record drawing information shown hereon is based on information provided to me on the as-built construction drawings. This Certification is limited to work performed on site inspections by me or personnel under my direction, and survey information provided by Cartesian Surveys, Inc. dated 2-27-06 and 3-6-06.

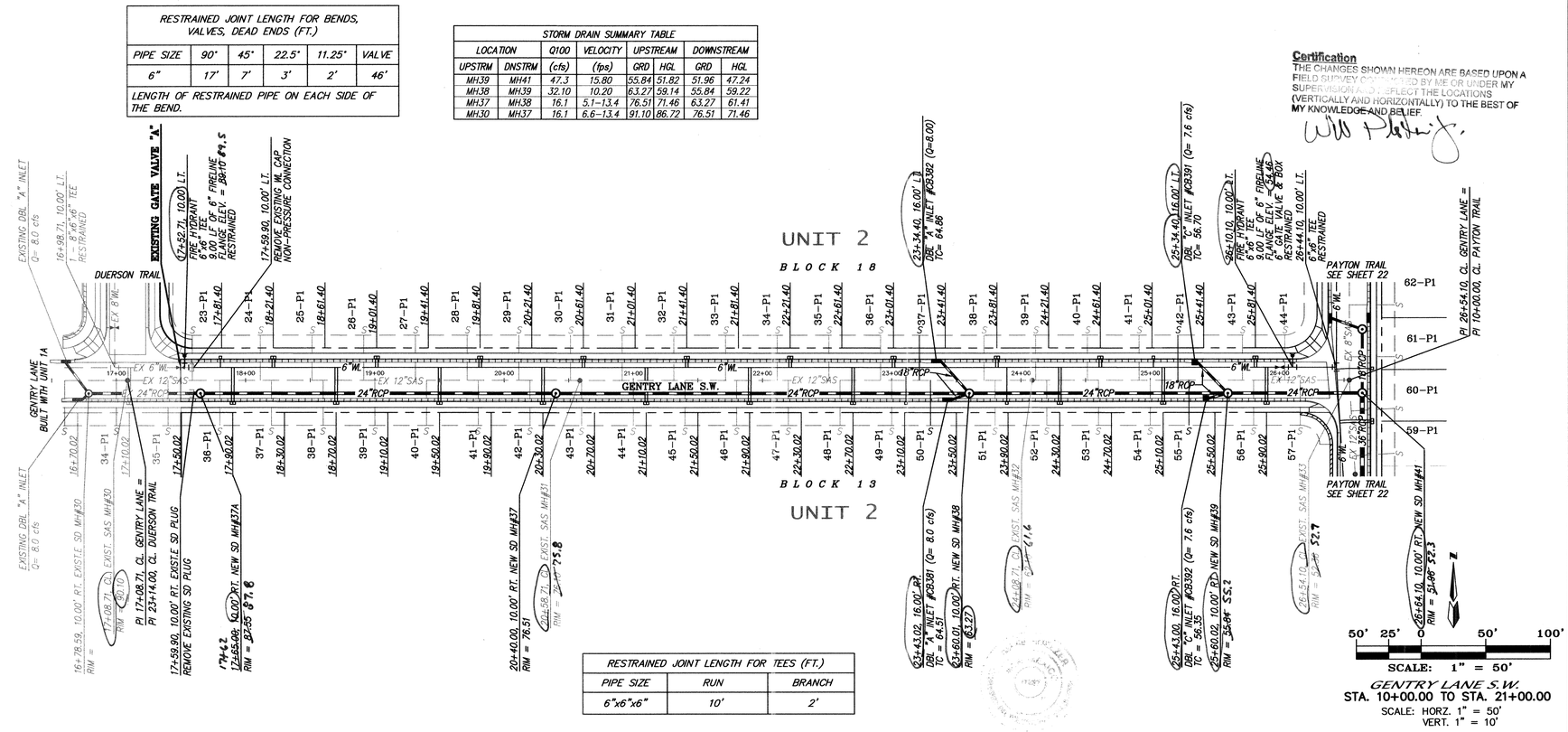
Diane Hoelzer NMPE 11967

I, Diane Hoelzer, certify that this electronic submittal is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5-11, 2007.

Diane Hoelzer NMPE 11967

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.					

STORM DRAIN SUMMARY TABLE								
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH39	MH41	47.3	15.80	55.84	51.82	51.96	47.24
MH38	MH39	32.10	10.20	63.27	59.14	55.84	59.22
MH37	MH38	16.1	5.1-13.4	76.51	71.46	63.27	61.41
MH30	MH37	16.1	6.6-13.4	91.10	86.72	76.51	71.46



GENTRY LANE S.W.
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

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 PERFORMED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Plotkin

NOTES

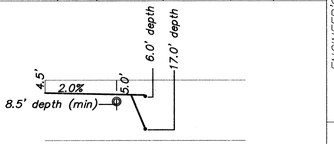
1. ALL STATIONING IS CENTERLINE STATIONING.
2. THERE MAY BE CONFLICTS BETWEEN EXIST. SAS SVC'S AND THE NEW STORM DRAIN CONSTRUCTION. ALL SAS CONFLICT WITH STORM DRAIN SHOULD BE RELOCATED IN ACCORDANCE WITH SANITARY SEWER SERVICE RELOCATION DETAIL AS SHOWN ON THIS SHEET. THE ENGINEER SHALL BE CONTACTED IF THIS DETAIL CANNOT BE ADHERED TO. SEE SHEET 18 FOR DETAIL UNDER STORM DRAIN. SEE THIS SHEET FOR DETAIL OVER STORM DRAIN.

EXISITING SANITARY SEWER SERVICES

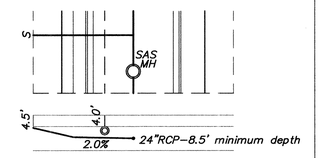
BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	OVER/ UNDER STORM	LENGTH AT PUE
13	36	17+80.02	81.84	O	35.00'
13	37	18+20.02	80.24	O	35.00'
13	38	18+60.02	78.64	O	35.00'
13	39	19+00.02	77.04	O	35.00'
13	40	19+40.02	75.44	O	35.00'
13	41	19+80.02	73.84	O	35.00'
13	42	20+20.02	72.24	O	35.00'
13	43	20+60.02	70.64	O	35.00'
13	44	21+00.02	69.04	O	35.00'
13	45	21+40.02	67.44	O	35.00'
13	46	21+80.02	65.84	O	35.00'
13	47	22+20.02	64.24	O	35.00'
13	48	22+60.02	62.63	O	35.00'
13	49	23+00.02	61.03	O	35.00'
13	R 50	~~23+40.02~~	~~59.43~~	O	35.00'
13	51	23+80.02	57.83	O	35.00'
13	52	24+20.02	56.23	O	35.00'
13	53	24+60.02	54.63	O	35.00'
13	54	25+00.02	53.03	O	35.00'
13	R 55	~~25+40.02~~	~~51.43~~	O	35.00'
13	56	25+80.02	49.69	U	35.00'
13	57	26+16.10	47.94	U	35.00'
18	23	17+58.71	82.69		35.00'
18	24	18+11.40	80.58		35.00'
18	25	18+51.40	78.98		35.00'
18	26	18+91.40	77.38		35.00'
18	27	19+31.40	75.78		35.00'
18	28	19+71.40	74.18		35.00'
18	29	20+11.40	72.58		35.00'
18	30	20+51.40	70.98		35.00'
18	31	20+91.40	69.38		35.00'
18	32	21+31.40	67.78		35.00'
18	33	21+71.40	66.18		35.00'
18	34	22+11.40	64.58		35.00'
18	35	22+51.40	62.98		35.00'
18	36	22+91.40	61.38		35.00'
18	R 37	~~23+31.40~~	~~59.78~~		35.00'
18	38	23+71.40	58.18		35.00'
18	39	24+11.40	56.58		35.00'
18	40	24+51.40	54.98		35.00'
18	41	24+91.40	53.38		35.00'
18	R 42	~~25+31.40~~	~~51.78~~		35.00'
18	43	25+71.40	50.11		35.00'
18	44	26+04.10	48.52		35.00'

R=RELOCATE EXISITING SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	OVER/ UNDER STORM	LENGTH AT PUE
13	50	23+30.00	60.25	O	35.00'
13	55	25+30.00	52.25	O	35.00'
18	37	23+21.40	60.59		35.00'
18	42	25+21.40	52.59		35.00'



Sanitary Sewer Service Over Storm Drain
(Minimum storm drain depth required for SAS SVC's to be installed over storm pipe.)



Sanitary Sewer Service Under Storm Drain
(Minimum sanitary sewer main depth required SAS SVC's to be installed under storm pipe.)

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

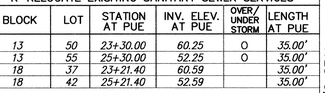
AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: Cartesian Surveys Inc. DATE 2-2006
INSPECTOR'S ACCEPTANCE BY: DATE
VERIFICATION BY: Cartesian Surveys Inc. DATE 3/6/06 rev. 4-06
CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

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 182.2' 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", ELEV.=4935.735 (SLD 29) X=360733.56, Y=1462437.48 (NAD 27).

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	BY	REMARKS / REVISIONS	DATE
		DESIGN	07/04
		DESIGNED BY GJK	DATE 07/04
		DRAWN BY ACH	DATE 07/04
		CHECKED BY DMG	DATE 07/04



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT		
TITLE: ANDERSON HEIGHTS - UNIT 2 GENTRY LANE S.W. UTILITY IMPROVEMENTS		
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE: MO./DAY/YR. / MO./DAY/YR.
	MAR 16 2006 CITY ENGINEER	
CITY PROJECT NO. 753984	ZONE MAP NO. N-8/P-8	SHEET OF 20 22

A3080AH/PLANS/UNIT-2/UTILITIES/UP-13.dwg/02-08-06/ACH DER

F:\AO3JOBS\A3080AH\PLANS\Unit-2\Utilities\UP-13.dwg, 3/6/2006 8:31:06 AM, SPS

RECORD DRAWINGS

SCANNED BY PLANNING

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

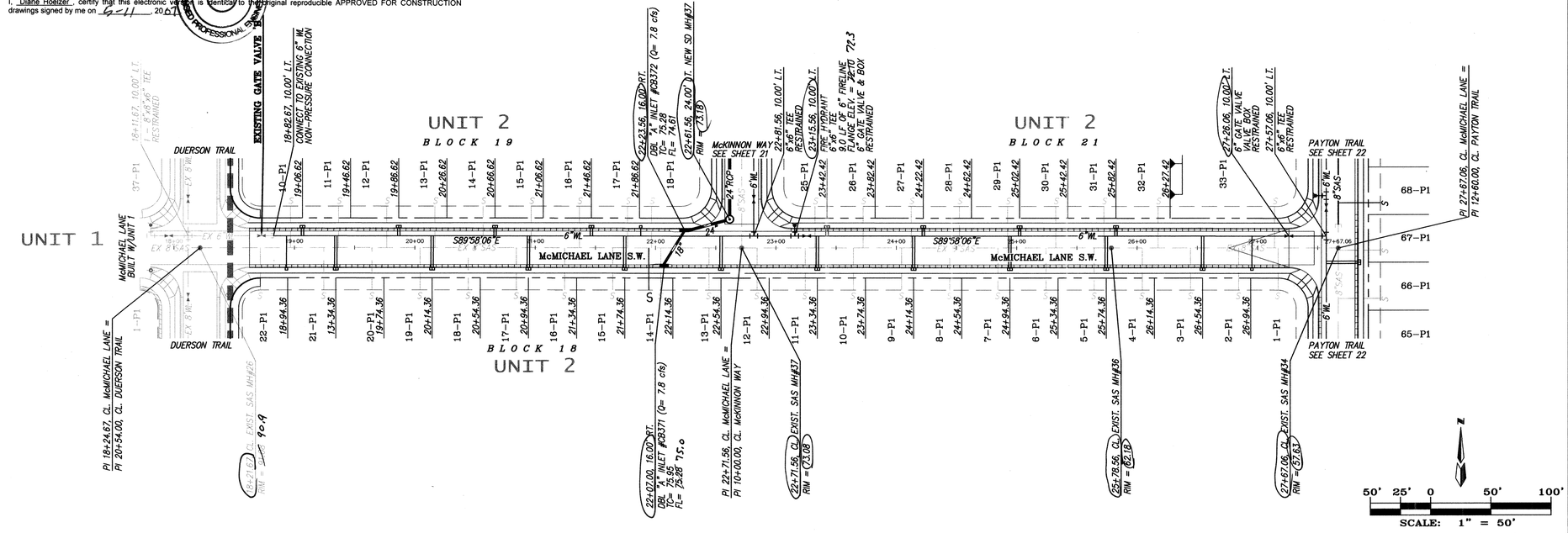
I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person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

Diane Hoelzer NMPE 11967

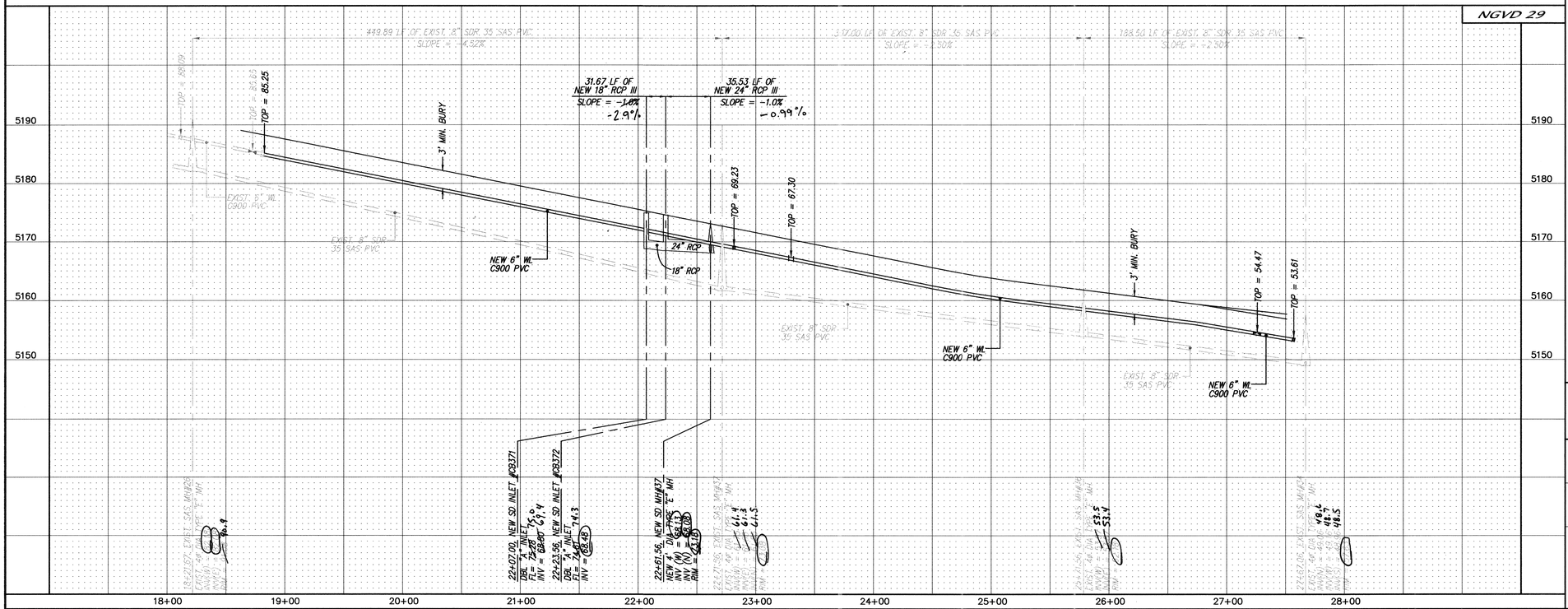
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

I, Diane Hoelzer, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 6-11 20 06.

STORM DRAIN SUMMARY TABLE							
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
INLET372	MH37	15.6	6.5–7.51	74.61	69.90	73.18	69.33
INLET371	INLET372	7.8	4.41	75.28	71.1	74.61	70.80



McMICHAEL LANE S.W.
STA. 18+24.67 TO STA. 27+67.06
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE AND RELOCATE SAS SVC FOR LOT 14 AS SHOWN BELOW.

EXISTING SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
18	1	27+17.36	52.97	35.00'
18	2	26+84.36	54.06	35.00'
18	3	26+44.36	55.13	35.00'
18	4	26+04.36	56.13	35.00'
18	5	25+64.36	57.12	35.00'
18	6	25+24.36	58.12	35.00'
18	7	24+84.36	59.29	35.00'
18	8	24+44.36	60.78	35.00'
18	9	24+04.36	62.38	35.00'
18	10	23+64.36	64.02	35.00'
18	11	23+24.36	65.58	35.00'
18	12	22+84.36	67.18	35.00'
18	13	22+44.36	68.78	35.00'
18	14 ✱	~~22+04.36~~	~~70.38~~	35.00'
18	15	21+64.36	71.98	35.00'
18	16	21+24.36	73.58	35.00'
18	17	20+84.36	75.18	35.00'
18	18	20+44.36	76.78	35.00'
18	19	20+04.36	78.38	35.00'
18	20	19+64.36	79.98	35.00'
18	21	19+24.36	81.58	35.00'
18	22	18+71.67	83.69	35.00'
19	10	18+96.62	82.69	35.00'
19	11	19+36.62	81.09	35.00'
19	12	19+76.62	79.49	35.00'
19	13	20+16.62	77.89	35.00'
19	14	20+56.62	76.29	35.00'
19	15	20+96.62	74.69	35.00'
19	16	21+36.62	73.09	35.00'
19	17	21+76.62	71.49	35.00'
19	18	21+96.62	70.69	35.00'
21	25	23+32.42	65.26	35.00'
21	26	23+72.42	63.66	35.00'
21	27	24+12.42	62.06	35.00'
21	28	24+52.42	60.46	35.00'
21	29	24+92.42	59.03	35.00'
21	30	25+34.42	57.87	35.00'
21	31	25+72.42	56.92	35.00'
21	32	26+17.42	55.80	35.00'
21	33	27+14.06	53.78	35.00'
18	14	21+94.36	70.78	35.00'

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.

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 6-9-06

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.					

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

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: Cartesian Surveys Inc. DATE 2006
INSPECTORS ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE 6-06
DRAWING COMPLETED 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 182.2' WEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PRE 0.25' ABOVE THE GROUND AND IS STAMPED "3-P10, 1998", X=360733.56, Y=1462437.48 (NAD 27). ELEV=4935.735 (SLD 29)

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		G/K	
DRAWN BY	DATE	07/04	
CHECKED BY	DATE	07/04	
	DATE	07/04	

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
McMICHAEL LANE S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET OF 19 22

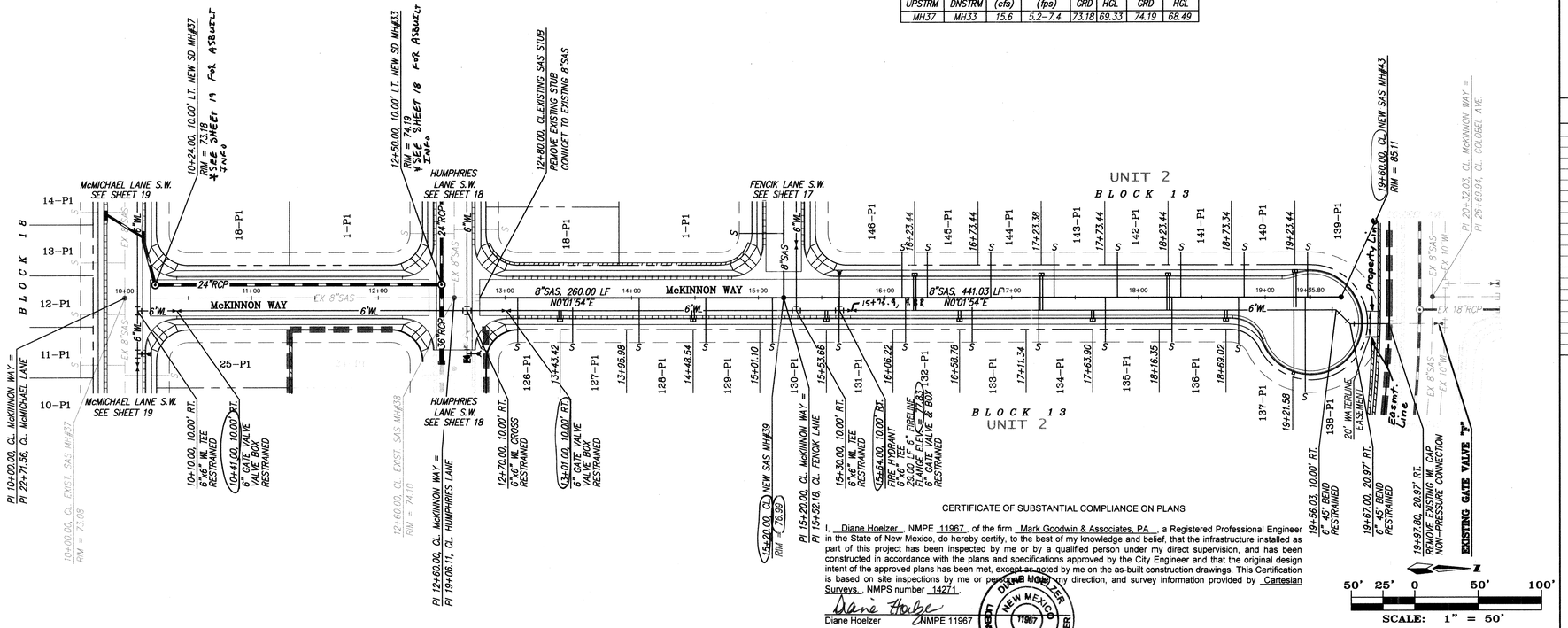
A3080AH/PLANS/UNIT-2/UTILITIES/UP-11.dwg/02-08-06/ACH DER

F:\A03\DBS\A3080AH\PLANS\Unit 2\Utilities\UP-11.dwg, 2/8/2006 1:08:55 PM, PLOTTED BY: DER

RECORD DRAWINGS

SCANNED BY PLANNING

STORM DRAIN SUMMARY TABLE							
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH37	MH33	15.6	5.2–7.4	73.18	69.33	74.19	68.49



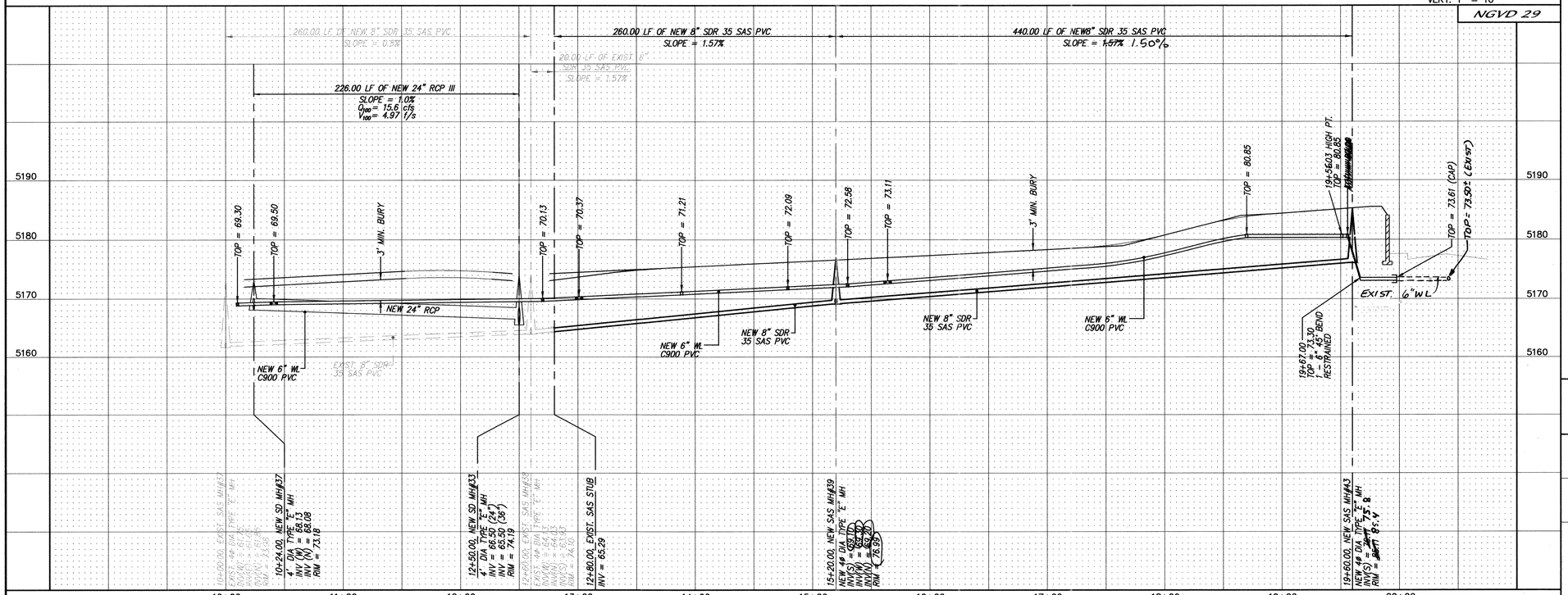
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 persons under my direction, and survey information provided by Cartesian Surveys., NMPS number 14271.

Diane Hoelzer
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 6-11 20 07

McKINNON WAY S.W.
STA. 10+00.00 TO STA. 19+97.80
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A3080AH/PLANS/UNIT-2/UTILITIES/UP-9.dwg/02-08-06/ACH DER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT		INV. ELEV. AT PUE	LENGTH AT PUE
13	126	13+10.00	69.98	35.00'
13	127	13+53.42	70.00	35.00'
13	128	14+05.98	70.52	35.00'
13	129	14+58.54	71.01	35.00'
13	130	15+11.10	71.50	35.00'
13	131	15+63.66	71.99	35.00'
13	132	16+16.22	72.51	35.00'
13	133	16+68.78	73.03	35.00'
13	134	17+21.34	73.56	35.00'
13	135	17+73.90	74.31	35.00'
13	136	18+26.46	76.93	35.00'
13	137	18+79.02	79.14	36.46'
13	138	19+31.58	79.81	74.57'
13	139	19+33.44	79.84	35.00'
13	140	18+83.44	79.18	35.00'
13	141	18+33.44	77.28	35.00'
13	142	17+83.44	74.73	35.00'
13	143	17+33.44	73.68	35.00'
13	144	16+83.44	73.18	35.00'
13	145	16+33.44	72.68	35.00'
13	146	16+13.44	72.48	35.00'

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

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.					

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

SURVEY INFORMATION
FIELD NOTES 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 182.2' 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 2006
INSPECTORS ACCEPTANCE BY DATE
VERIFICATION BY Cartesian Surveys Inc. DATE JUN 06
DRAWINGS CORRECTED BY DATE

MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
6-11-07

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY GJK	DATE 07/04
		DRAWN BY ACH	DATE 07/04
		CHECKED BY DMG	DATE 07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANDERSON HEIGHTS - UNIT 2
McKINNON WAY S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 14 '06 DESIGN REVIEW COMMITTEE	APPROVED MAR 16 2006 CITY ENGINEER			

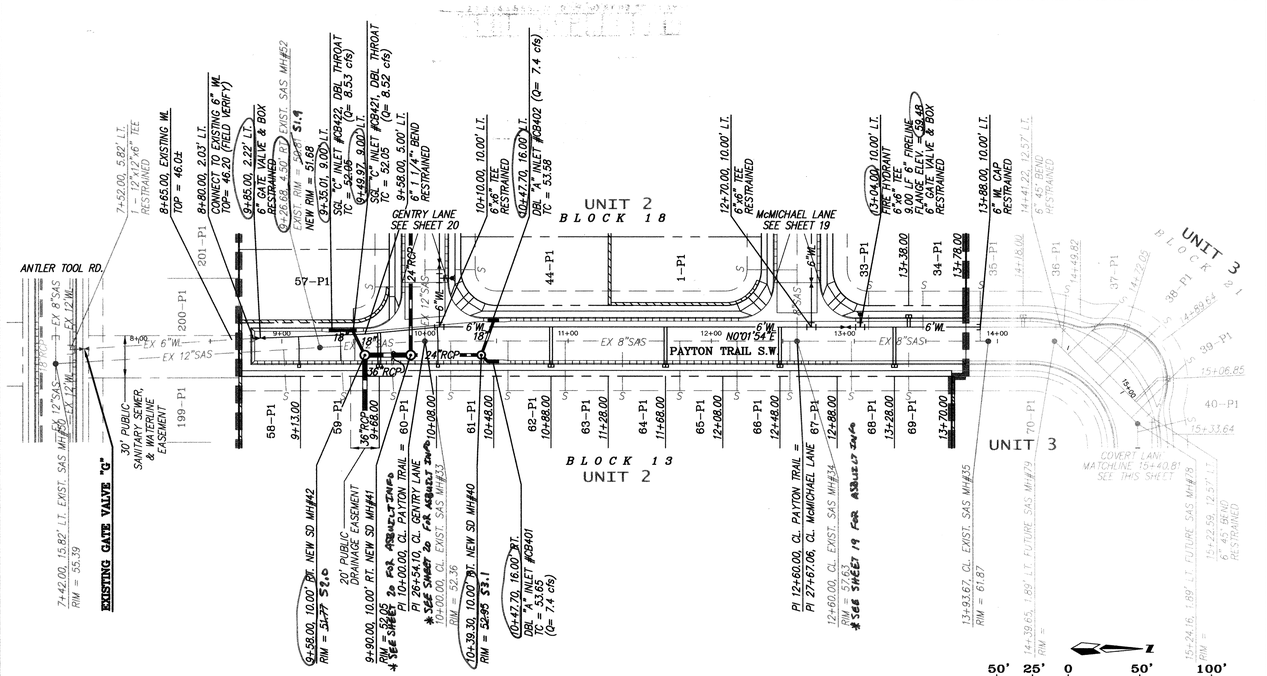
CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET 21 OF 22

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SCANNED BY PLANNING

NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF PAYTON TRAIL S.W.

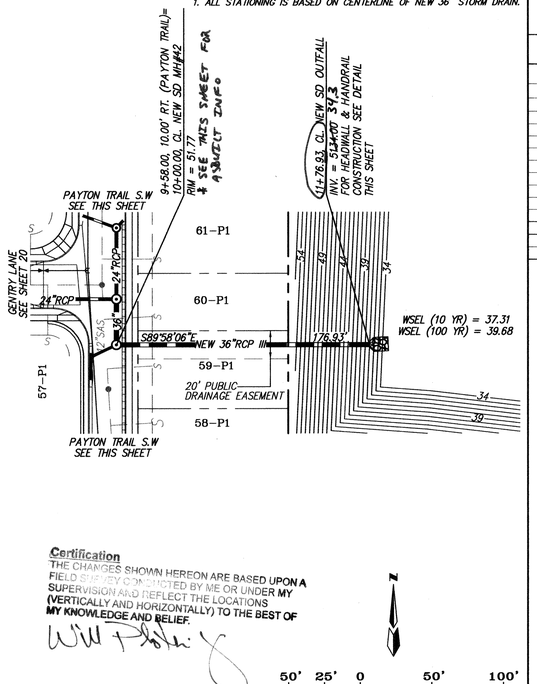


PAYTON TRAIL S.W.
STA. 8+80.97 TO STA. 13+88.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

STORM DRAIN SUMMARY TABLE							
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH40	MH41	14.8	4.74	52.95	50.79	52.05	50.58
MH41	MH42	62.0	16.7–18.5	52.05	46.14	51.77	43.89

NOTES

1. ALL STATIONING IS BASED ON CENTERLINE OF NEW 36" STORM DRAIN.



NEW 36" RCP III SD
STA. 10+00.00 TO STA. 11+76.93
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

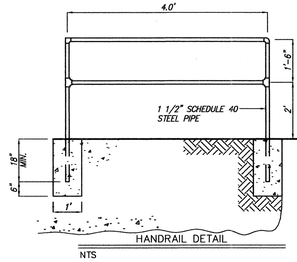
STORM DRAIN SUMMARY TABLE							
LOCATION		Q100	VELOCITY	UPSTREAM		DOWNSTREAM	
UPSTRM	DNSTRM	(cfs)	(fps)	GRD	HGL	GRD	HGL
MH42	OUTFALL	79.0	11.6–18.0	51.77	45.17	41.0	37.31

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
13	58	9+03.00	45.10	29.00'
13	59	9+43.00	45.82	31.45'
13	60	9+78.00	46.52	33.53
13	61	10+18.00	47.32	35.00'
13	62	10+58.00	48.12	35.00'
13	63	10+98.00	48.92	35.00'
13	64	11+38.00	49.72	35.00'
13	65	11+78.00	50.52	35.00'
13	66	12+18.00	51.32	35.00'
13	67	12+58.00	52.18	35.00'
13	68	12+98.00	53.43	35.00'
13	69	13+38.00	55.00	35.00'
21	33	13+10.00	53.88	35.00'
21	34	13+48.00	55.38	35.00'



NOTE: INSTALL HANDRAIL AROUND BACK AND SIDES OF CONCRETE OUTFALL.

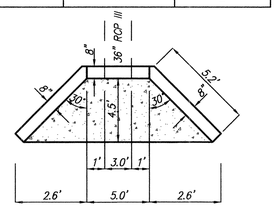
RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

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.

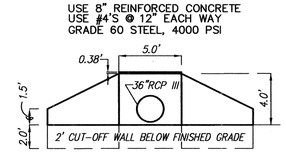
RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
6"x6"x6"	10'	2'



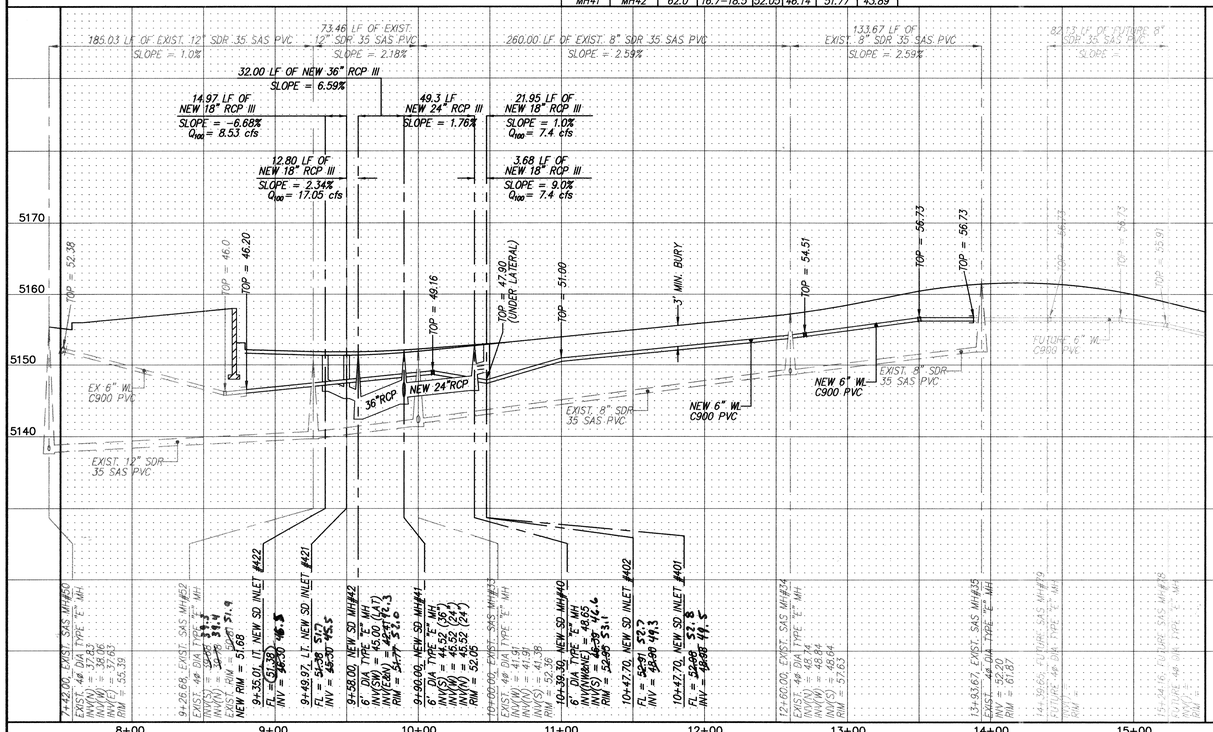
PLAN

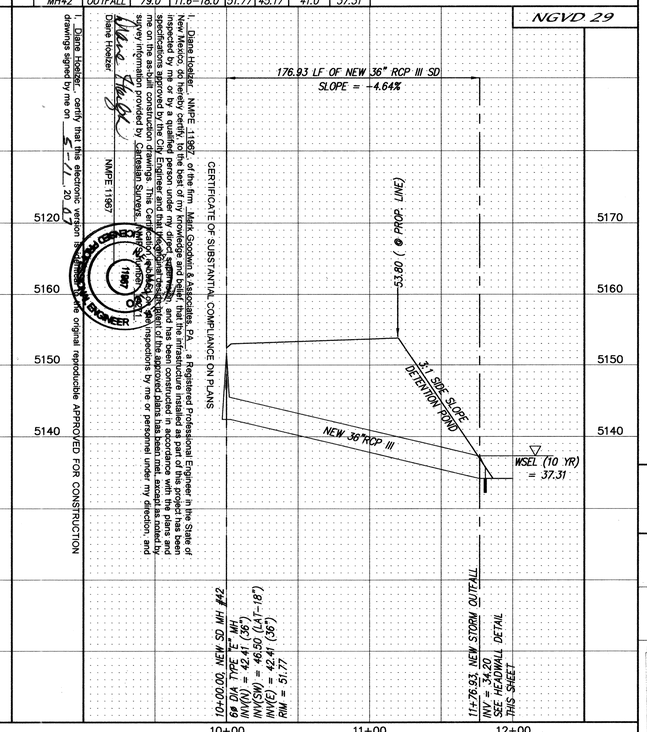
USE 8" REINFORCED CONCRETE
USE #4'S @ 12" EACH WAY
GRADE 60 STEEL, 4000 PSI



ELEVATION

HEADWALL DETAIL





I, Diane Hoelzer, certify that this electronic version of the drawings is an exact duplicate of the original reproducible drawings signed by me on 5-11-06

I, Diane Hoelzer - NMPE 11967 - 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 constructed in accordance with the approved plans and specifications approved by the City Engineer and that the Record Drawing data shown hereon and certified to me on the as-built construction drawings. The Certification is made on the basis of the approved plans has been met, except as noted, and survey information provided by Cartesian Surveys, Inc. and inspections by me or personnel under my direction, and

Diane Hoelzer
NMPE 11967

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

NEW MEXICO DIANE HOELZER 11967 REGISTERED PROFESSIONAL ENGINEER

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

SURVEY INFORMATION
FIELD NOTES BY
DATE
NO.

BENCH MARKS
AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY Cartesian Surveys Inc. DATE 2-06
INSPECTOR'S ACCEPTANCE BY DATE
SURVEY VERIFICATION, BY Cartesian Surveys Inc. DATE 3-06
DRAWINGS COMPLETED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

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 MEST OF THE CENTERLINE OF COORS BLVD. THE STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP RIVITTED 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)

ENGINEER'S SEAL
CHRISTINE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
5-6-06

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		GJK	07/04
DRAWN BY		ACH	07/04
CHECKED BY		DMG	07/04

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
PAYTON TRAIL S.W.
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
REVISE / ALTER	MAR 16 2006 CITY ENGINEER			

CITY PROJECT NO. 753984 | ZONE MAP NO. N-8/P-8 | SHEET OF 22 22

A3080AH/PLANS/UNIT-2/UTILITIES/UP-15.dwg/02-08-06/ACH DER

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