RECORD DRAWINGS

SCANNED BY PLANNING

CONSTRUCTION PLANS

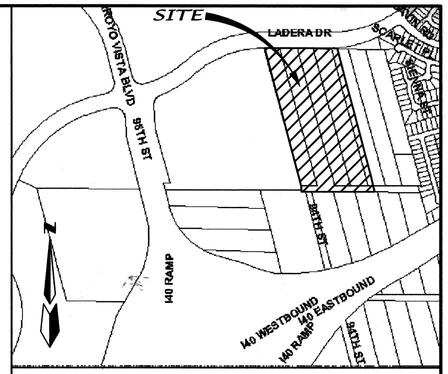
FOR

SUNDORO SOUTH SUBDIVISION

UNIT 5

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-17270.841 061 1

ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS: J-8/9-Z

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

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

SURVEYOR'S CERTIFICATION

I, WILL PLOTNER JR, A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE 'AS-BUILT ' INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND 'AS-BUILT' SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWNINGS WAS ADDED BY ME OR UNDER MY SUPERVISION , AND THAT THIS 'AS-BUILT' INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

Will Plotner Jr. 3/6/06

WILL PLOTNER JR, NMPS 14271

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

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 7/28/06

INDEX TO DRAWINGS

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

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 direct, and survey information provided by Will Plotner , NMPS number 14271 .

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

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

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	**********
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 4-25-05 REV. 6-3-05	DRC CHAIRMAN		6-21-05	APPROVED FOR CONSTRUCTION
	TRANSPORTATION		5/06/05	
	WATER/WASTEWATER		5/09/05	
	HYDROLOGY	Bradley L. Bingham	5/6/05	
	CIP			7-15-05
	CONSTR. MNGMT.		7/14/05	CITY ENGINEER DATE
	CONSTR. COORD.		6-21-05	

DRB NO. 1003606

CITY PROJECT NO. 727084

SHEET 1 OF 27

A04JOBS\A4046SS\Unit 5\A4046 Cover 3-30-05 TAS RDQ

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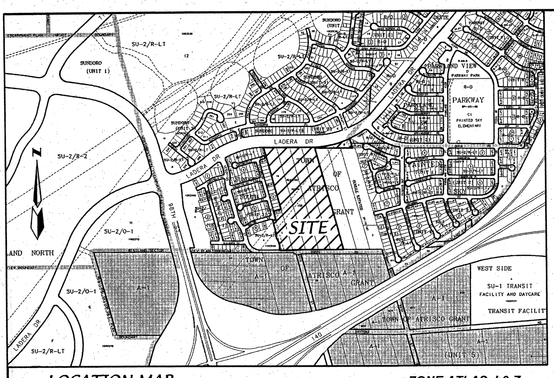

LOCATION MAP

ZONE ATLAS J-9-Z
SCALE: NONE

SUBDIVISION DATA

Gross acreage	22.2542 AC
Zone Atlas No.	J-8-Z & J-9-Z
No. of existing Lots/Tracts/Parcels	1 Lot/2 Tracts/1 Parcel
No. of Lots/Tracts created	123 Lots/ 5 Tracts
No. of Lots/Tracts/Parcels eliminated	1 Lot/2 Tracts/1 Parcel
Miles of full width streets created	0.73
Right-of-way area vacated	0.0139 AC
R/W Area dedicated to the City of Albuquerque	4.2387 AC
Public Park Area dedicated to the City of Albuquerque	1.0684 AC
Date of Survey	July, 2004
Utility Control Location System Log Number	2004360021
Zoning	SU-2 for RLT

FREE CONSENT AND DEDICATION:

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

Owner: Westland Development Co., Inc.
BY: Barbara Page
President & C.E.O., Westland Development Co., Inc.

BY: Barbara Page DATE

OWNER'S ACKNOWLEDGMENT

STATE OF NEW MEXICO
SS
COUNTY OF BERNALILLO

This instrument was acknowledged before me on _____
By Barbara Page, President & C.E.O., Westland Development Co., 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 Section 16, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being all of PARCEL J-2-B, WESTLAND NORTH, as the same is shown and designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on September 17, 2003, Book 2003C, Page 283 and all of LOT-43-P1, BLOCK 4 and all of TRACT L, SUNDORO SOUTH SUBDIVISION, 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 July 28, 2004 in Book 2004C, Page 220 and all of TRACT B, PAINTED SKY SUBDIVISION, 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 10, 2001 in Book 2001C, Page 231, together with an undesignated TRACT OF LAND as the same is shown and described in a WARRANTY DEED filed for record in the office of the County Clerk of Bernalillo County, New Mexico on December 18, 2003, in Book A70, Page 4355 and a TRACT OF LAND as the same is described in a WARRANTY DEED filed for record in the office the County Clerk of Bernalillo County, New Mexico on January 4, 2002, in Book A30, Page 1967, together with an undesignated TRACT OF LAND as the same is described in a WARRANTY DEED filed for record in the office of the County Clerk of Bernalillo County, New Mexico on January 30, 1997, as document No. 97043091, together with a portion of ENDEE ROAD N.W. and containing 22.2542 acres, more or less.

PURPOSE OF PLAT

1. Create 123 residential lots and 5 tracts
2. Dedicate new Right-of-way as shown hereon.
3. Grant easements as shown hereon.
4. Vacate Public Right-of-way and easement as shown hereon.

NOTES

SEE SHEET 3

PUBLIC UTILITY EASEMENTS

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

1. The PNM Electric Services Division for the installation, maintenance and service of underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. The PNM Gas Services Division for installation, maintenance, and service of natural gas lines, valves and any other equipment and facilities reasonably necessary to provide natural gas.
3. Qwest for installation, maintenance and service of such underground lines, cable 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 underground lines, cable and other related facilites 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 the free access to, from and over said easement, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking or any structures adjacent to within or near easements shown on this plat.

In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

Easements for electric transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 17
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH, 2005

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: 1003606

Application Number: _____

PLAT APPROVAL

Utility Approvals:

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

City Approvals:

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

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the 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

Dwg: U5-FPS1.dwg	Drawn: RICHARD	Checked: ALS	Sheet 1 of 6
Scale: AS NOTED	Date: 03/22/05	Job: A04046 (A03070)	

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SCANNED PLANNING

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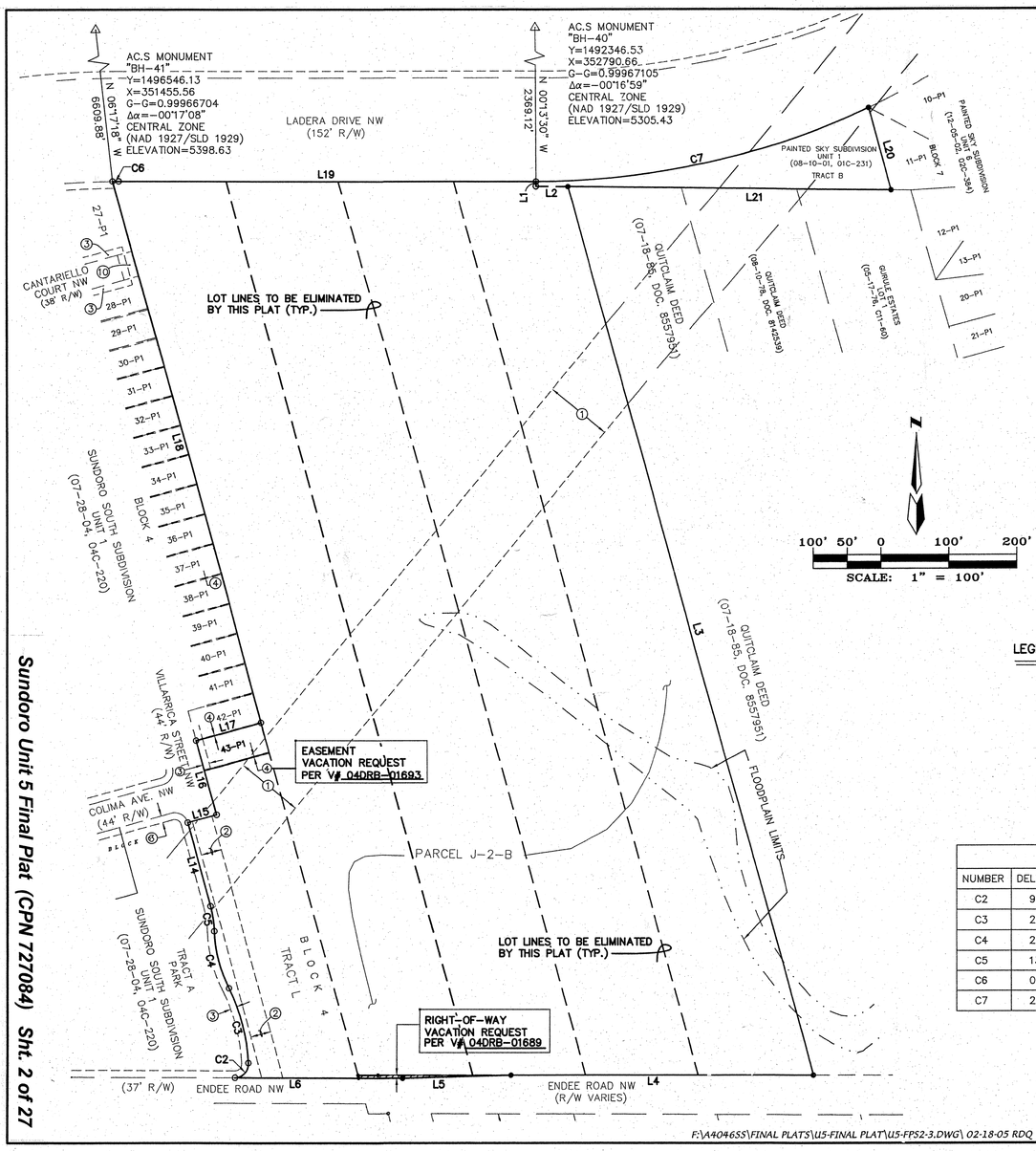
PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2005



EASEMENTS

1. EXISTING 100' PNM EASEMENT (04-12-56, BK. MISC. D348, PGS. 43-47)
2. EXISTING 30' PUBLIC SANITARY SEWER AND STORM SEWER EASEMENT (07-28-04, 04C-220)
3. EXISTING 10' PUBLIC UTILITY EASEMENT (07-28-04, 04C-220)
4. EXISTING 2' PRIVATE DRAINAGE EASEMENT (07-28-04, 04C-220) TYP.
6. EXISTING PUBLIC DRAINAGE EASEMENT (03-30-04, BK. A75, PG.1221)
10. EXISTING 38' TEMPORARY PUBLIC ACCESS EASEMENT (07-28-04, 04C-220)

PROPERTY CORNERS

- SET 5/8" REBAR WITH CAP "ALS LS 7719"
- FOUND 5/8" REBAR WITH CAP "ALS LS 7719"
- FOUND 5/8" REBAR WITH CAP "LS 11993"
- FOUND 5/8" REBAR WITH CAP "LS 10464"

SITE BENCHMARK

ACS MONUMENT "BH-40" ELEVATION=5305.43 (SLD 1929)

LEGEND

1-P1	LOT NUMBER
▲	CENTER LINE MONUMENT
△	EXIST. CENTER LINE MONUMENT
R/W	RIGHT-OF-WAY
▨	(HATCHED AREA) STREET RIGHT-OF-WAY VACATED = 0.0139 AC V# 04DRB-01689

LINE DATA

NUMBER	DIRECTION	DISTANCE
L1	S 00°38'54" W	6.92' (6.97')
L2	S 89°21'06" E	47.44'
L3	S 15°16'29" E (S 15°18'00" E)	1353.58' (1353.79')
L4	S 89°59'28" E (S 89°57'54" E)	442.34'
L5	S 88°27'22" W	157.90'
L6	N 89°48'05" W	245.49'
L14	N 15°20'22" W	127.25'
L15	N 74°39'38" E	44.00'
L16	N 15°20'22" W	113.00'
L17	N 74°39'38" E	100.00'
L18	N 15°20'22" W	824.25'
L19	S 89°59'57" E	611.68'
L20	S 15°20'06" E	125.23'
L21	N 89°21'06" W	472.96'

CURVE DATA

NUMBER	DELTA ANGLE	RADIUS	ARC LENGTH	TANGENT	CHORD DIRECTION	CHORD LENGTH
C2	93°29'02"	20.00'	32.63'	21.25'	N 43°27'24" E	29.13'
C3	23°28'51"	278.00'	113.93'	57.78'	N 15°01'32" W	113.13'
C4	24°57'45"	202.00'	88.01'	44.71'	N 14°17'05" W	87.31'
C5	13°32'10"	158.00'	37.33'	18.75'	N 08°34'17" W	37.24'
C6	00°30'03"	1047.00'	9.15'	4.58'	N 89°45'02" E	9.15'
C7	24°59'38"	1153.00'	502.97'	255.55'	N 77°30'14" E	498.99'

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

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Scale: 1"=100'	Date: 02/18/05	Job: A04046	

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Sundoro Unit 5 Final Plat (CPN 727084) Sht. 2 of 27

RECORD DRAWINGS

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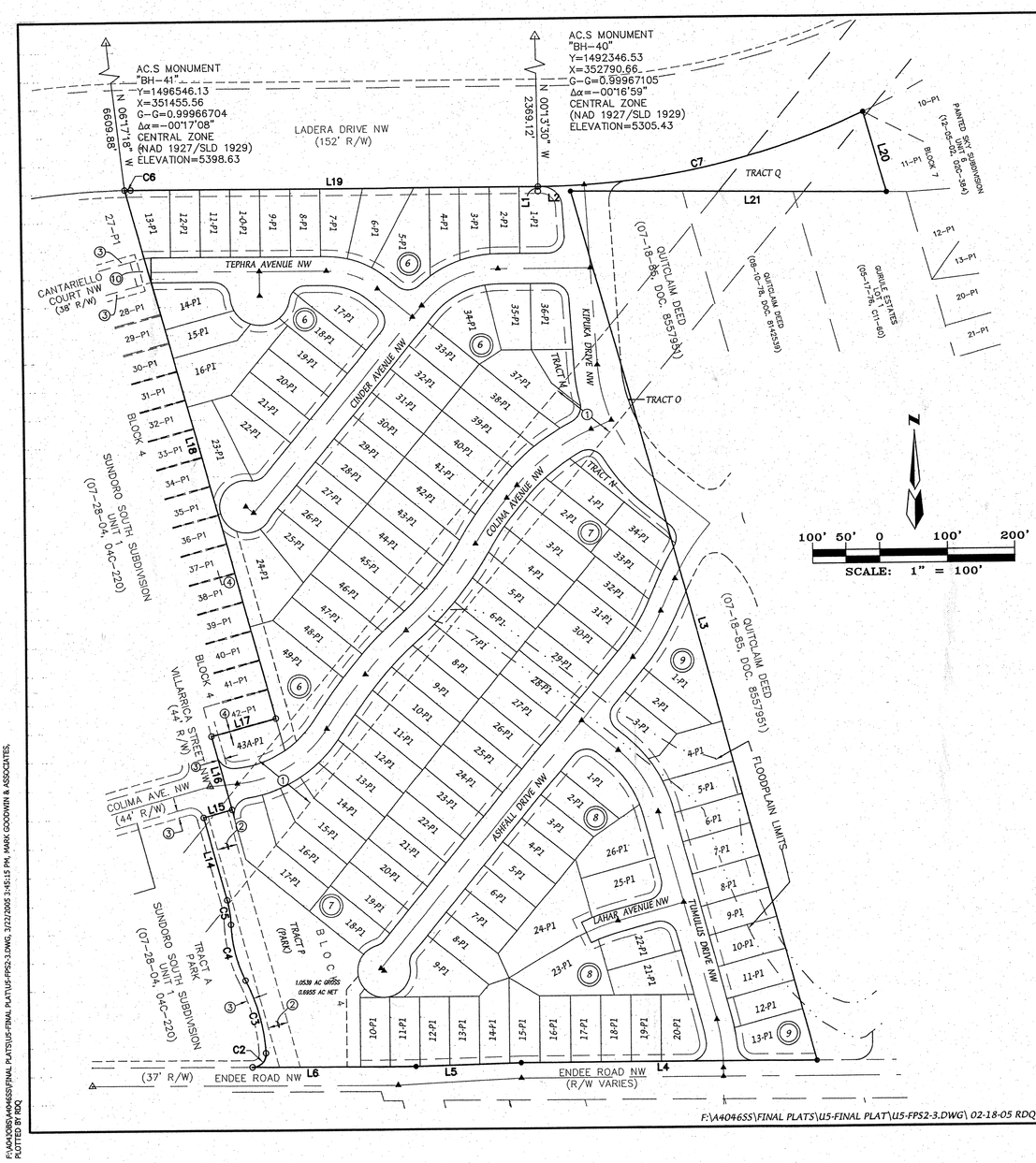

PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2005

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 and documents of record entitled:

   BULK LAND PLAT OF "WESTLAND NORTH" (12-27-00, 02C-316)

   PLAT OF "WESTLAND NORTH, PARCELS J-2-A & J-2-B" (09-17-03, 03C-283)

   PLAT OF "SUNDORO SOUTH SUBDIVISION, UNIT 1", (07-28-04, 04C-220)

   PLAT OF "PAINTED SKY SUBDIVISION, UNIT 1", (08-10-01, 01C-231)

   PLAT OF "PAINTED SKY SUBDIVISION, UNIT 5", (12-05-02, 02C-383)

   PLAT OF "PAINTED SKY SUBDIVISION, UNIT 5", (05-23-03, 03C-151)

   PLAT OF "PAINTED SKY SUBDIVISION, UNIT 6", (12-05-02, 02C-384)

   PLAT OF "GURULE ESTATES, LOTS 1 AND 2", (05-17-76, C11-60)

   "SPECIAL WARRANTY DEED" (12-17-99, BK. 9916, PG. 3827)

   "WARRANTY DEED" (10-11-02, A43-1886)

   "WARRANTY DEED" (12-18-03, A70-4355)

   "WARRANTY DEED" (01-04-02, A30-1967)

   "WARRANTY DEED" (01-30-97, DOC. 97043091)

   "QUITCLAIM DEED" (07-18-85, DOC. 8557951)

   "QUITCLAIM DEED" (08-10-78, DOC. 8142539)

   "QUITCLAIM DEED" (04-19-01, A18-1952)

   "QUITCLAIM DEED" (03-31-99, BK. 9807, PG. 6254)

   "QUITCLAIM DEED" (09-29-97, BK. 97-26, PG. 9350)

   "QUITCLAIM DEED" (09-28-84, BK. 222A, PG. 452)

   all being records of Bernalillo County, New Mexico.
5. Unless otherwise noted, all boundary corners are be marked by a #5 rebar with cap stamped "ALS LS 7719" (TYP.).
6. All street centerline monumentation shall be installed at all centerline pc's, pt's, angle points, and street intersections and shown thus ▲, will be marked by a four (4") aluminum cap stamped:

   "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION"
   "DO NOT DISTURB"
   PS#7719"
7. Tracts M and N are to be HOA owned and maintained for landscaping.
8. Tracts O and Q are for future development.
9. Tract P is to be dedicated in fee simple to the City of Albuquerque for a Public Park.

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

Dwg: U5-FPS2-3.DWG	Drawn: RICHARD	Checked: ALS	Sheet 3 of 6
Scale: 1"=100'	Date: 03/22/05	Job: A04046	

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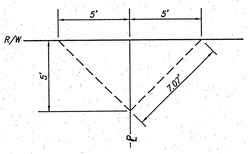
PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2005

SCALE: 1" = 60'



HOA WALL & LANDSCAPE EASEMENT DETAIL

WALL & LANDSCAPING EASEMENT GRANTED TO, FOR THE BENEFIT OF AND TO BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION

PRIVATE DRAINAGE EASEMENTS

2' PRIVATE DRAINAGE EASEMENT CENTERED ON LOT LINE (SEE NOTE SHEET 6)

2' PRIVATE DRAINAGE EASEMENT ON LOW SIDE OF LOT LINE (SEE NOTE SHEET 6)

NEW EASEMENTS

(A) 38' TEMPORARY PUBLIC ACCESS EASEMENT GRANTED TO COA WITH THIS PLAT

(B) 20' PUBLIC WATERLINE EASEMENT GRANTED TO THE COA WITH THIS PLAT

(C) HOA WALL & LANDSCAPING EASEMENT (TYP) SEE DETAIL THIS SHEET

Limits of FEMA Floodplain

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 by the mortgage company.

MONUMENTATION

- SET 5/8" REBAR WITH CAP "ALS LS 7719" (TYP.)
- FOUND 5/8" REBAR WITH CAP "LS 11993" (TYP.)
- FOUND N.M.S.H.C. BRASS CAP
- EXISTING CENTERLINE MONUMENT "ALS LS 7719" (TYP.)

ABBREVIATIONS

COA	CITY OF ALBUQUERQUE
PDE	PRIVATE DRAINAGE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT-OF-WAY
HOA	HOME OWNER'S ASSOCIATION

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

SEE SHEET 6 FOR LINE AND CURVE DATA

Dwg: U5-FPBASE.DWG	Drawn: RICHARD	Checked: ALS	Sheet 4 of 6
Scale: 1"=60'	Date: 03/22/05	Job: A04046	

F:\A04065S\FINAL PLATS\U5-FINAL PLAT\U5-FPBASE.DWG\ 02-18-05 RDQ

Sundoro Unit 5 Final Plat (CPN 727084) Sht. 3 of 27

RECORD DRAWINGS

PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH, 2005

PRIVATE DRAINAGE EASEMENTS

2' PRIVATE DRAINAGE EASEMENT CENTERED ON LOT LINE (SEE NOTE SHEET 6)

2' PRIVATE DRAINAGE EASEMENT ON LOW SIDE OF LOT LINE (SEE NOTE SHEET 6)

NEW EASEMENTS

(A) 38' TEMPORARY PUBLIC ACCESS EASEMENT GRANTED TO COA WITH THIS PLAT

(B) 20' PUBLIC WATERLINE EASEMENT GRANTED TO THE COA WITH THIS PLAT

(C) HOA WALL & LANDSCAPING EASEMENT (TYP) SEE DETAIL SHEET 4

ABBREVIATIONS

COA	CITY OF ALBUQUERQUE
PDE	PRIVATE DRAINAGE EASEMENT
R/W	RIGHT-OF-WAY
HOA	HOME OWNER'S ASSOCIATION
10' PUE	PUBLIC UTILITY EASEMENT GRANTED WITH THIS PLAT

MONUMENTATION

- ● SET 5/8" REBAR WITH CAP "ALS LS 7719" (TYP.)
- ○ FOUND 5/8" REBAR WITH CAP "LS 11993" (TYP.)
- ■ FOUND N.M.S.H.C. BRASS CAP
- △ EXISTING CENTERLINE MONUMENT "ALS LS 7719" (TYP.)

ALL STREETS SHOWN HEREON ARE HEREBY DEDICATED IN FEE SIMPLE AS PUBLIC RIGHT-OF-WAY

Limits of FEMA Floodplain

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 by the mortgage company.

SEE SHEET 6 FOR LINE AND CURVE DATA

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

Dwg: U5-FPBASE.DWG	Drawn: RICHARD	Checked: ALS	Sheet 5 of 6
Scale: 1"=60'	Date: 03/22/05	Job: A04046	

F:\A04046SS\FINAL PLATS\U5- FINAL PLAT\U5-FPBASE.DWG\ 02-18-05 RDQ

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BRG	CHORD
C1	*162.07*	*180.00*	51°35'20"	86.99	N58°51'57"E	156.65
C2	32.63	20.00	93°29'02"	21.25	N43°27'24"E	29.13
C3	113.93	278.00	23°28'51"	57.78	N15°01'32"W	113.13
C4	88.01	202.00	24°57'45"	44.71	S14°17'05"E	87.31
C5	37.33	158.00	13°32'10"	18.75	N08°34'17"W	37.24
C6	9.15	1047.00	0°30'03"	4.58	S89°45'02"W	9.15
C7	502.97	1153.00	24°59'38"	255.55	N77°30'14"E	498.99
C8	82.73	120.00	39°29'58"	43.08	N70°14'58"W	81.10
C9	132.20	150.00	50°29'47"	70.74	S64°44'54"W	127.96
C10	99.47	1000.00	5°41'58"	49.78	S35°55'16"W	99.43
C11	90.01	500.00	10°18'51"	45.13	S43°55'40"W	89.89
C12	167.41	500.00	19°11'00"	84.49	N39°29'36"E	166.63
C13	83.76	500.00	9°35'55"	41.98	S34°42'03"W	83.67
C14	139.59	300.00	26°39'38"	71.08	S52°49'50"W	138.34
C15	205.54	250.00	47°06'24"	108.98	S26°55'13"E	199.80
C16	85.93	250.00	19°41'40"	43.39	S13°12'50"E	85.51
C17	108.16	250.00	24°47'19"	54.94	S35°27'20"E	107.32
C18	11.45	250.00	2°37'26"	5.73	S49°09'42"E	11.45
C19	81.10	300.00	15°29'17"	40.80	N31°45'23"E	80.85
C20	81.23	300.00	15°30'51"	40.87	S31°46'09"W	80.98
C21	16.35	300.00	3°07'24"	8.18	S25°34'26"W	16.35
C22	64.88	300.00	12°23'27"	32.57	S33°19'51"W	64.75
C23	110.73	180.00	35°14'46"	57.18	N32°52'36"W	108.99
C24	50.46	298.00	9°42'06"	25.29	S69°53'44"W	50.40
C25	73.04	275.00	15°13'07"	36.74	N07°38'39"W	72.83
C26	31.88	142.00	12°51'55"	16.01	N83°34'00"W	31.82
C27	39.39	142.00	15°53'38"	19.82	N69°11'13"W	39.27
C28	26.62	142.00	10°44'25"	13.35	N55°52'11"W	26.58
C29	36.10	25.00	82°44'47"	22.02	N88°07'38"E	33.05
C30	97.89	142.00	39°29'58"	50.98	N70°14'58"W	95.97
C31	21.44	173.00	7°05'59"	10.73	S50°18'14"W	21.42
C32	51.01	173.00	16°53'36"	25.69	S62°18'01"W	50.82
C33	46.08	173.00	15°15'37"	23.18	S78°22'37"W	45.94
C34	12.05	173.00	3°59'22"	6.03	S88°00'07"W	12.04
C35	40.74	25.00	93°21'49"	26.51	N43°18'54"E	36.38
C36	45.47	30.00	86°51'01"	28.39	N46°47'31"W	41.24
C37	4.39	1153.00	0°13'05"	2.19	N89°53'31"E	4.39
C38	371.81	1153.00	18°28'35"	187.53	N74°14'43"E	370.20
C39	28.90	30.00	55°11'28"	15.68	S55°53'17"W	27.79
C40	63.38	1153.00	3°08'59"	31.70	N88°12'29"E	63.38
C41	63.38	1153.00	3°08'59"	31.70	N85°03'30"E	63.38
C42	37.78	25.00	86°35'00"	23.55	N46°42'27"W	34.29
C43	20.28	45.00	25°49'23"	10.32	S16°19'39"E	20.11
C44	33.55	45.00	42°42'44"	17.60	S50°35'42"E	32.77
C45	44.98	45.00	57°16'20"	24.57	N79°24'46"E	43.13
C46	33.32	45.00	42°25'14"	17.46	N29°33'59"E	32.56
C47	132.13	45.00	168°13'41"	436.50	S87°31'47"E	89.53
C48	13.59	25.00	31°08'16"	6.97	S23°55'30"W	13.42
C49	22.04	25.00	50°30'25"	11.79	S64°44'50"W	21.33
C50	35.62	25.00	81°38'41"	21.60	S49°10'43"W	32.69
C51	67.56	98.00	39°29'58"	35.19	N70°14'58"W	66.23
C52	39.27	25.00	90°00'00"	25.00	N05°29'59"W	35.36
C53	21.62	25.00	49°32'49"	11.54	N64°16'25"E	20.95
C54	4.30	25.00	9°51'01"	2.15	S86°01'40"E	4.29
C55	80.97	40.00	115°59'05"	63.99	S40°54'19"W	67.84
C56	73.03	40.00	104°36'19"	51.76	S69°23'23"E	63.30
C57	23.30	40.00	33°22'39"	11.99	N41°37'08"E	22.97
C58	177.30	40.00	253°58'03"	53.11	S28°05'10"E	63.90
C59	91.47	127.00	41°16'01"	47.82	S60°08'01"W	89.51
C60	20.46	127.00	9°13'47"	10.25	S85°22'54"W	20.44
C61	111.93	127.00	50°29'47"	59.89	S64°44'54"W	108.34
C62	37.80	25.00	86°38'11"	23.57	N46°41'06"W	34.30
C63	130.57	173.00	43°14'34"	68.57	S68°22'31"W	127.49
C64	53.89	285.00	10°50'00"	27.02	S08°47'01"E	53.81
C65	5.46	25.00	12°30'43"	2.74	N07°56'40"W	5.45
C66	27.94	25.00	64°02'32"	15.63	N30°19'58"E	26.51
C67	20.18	323.00	3°34'46"	10.09	S60°33'51"W	20.18
C68	46.66	323.00	8°16'35"	23.37	S54°38'11"W	46.62
C69	45.37	323.00	8°02'52"	22.72	S46°28'26"W	45.34
C70	16.63	323.00	2°36'58"	8.32	S40°58'30"W	16.62
C71	128.84	323.00	22°51'13"	65.29	S50°55'38"W	127.98
C72	4.17	523.00	0°27'23"	2.08	S39°16'20"W	4.17
C73	45.07	523.00	4°56'16"	22.55	S36°34'30"W	45.06
C74	38.38	523.00	4°12'16"	19.20	S32°00'14"W	38.37
C75	87.62	523.00	9°35'55"	43.91	S34°42'03"W	87.51
C76	7.05	477.00	0°50'48"	3.52	N30°19'30"E	7.05
C77	45.27	477.00	5°26'15"	22.65	N33°28'01"E	45.25
C78	45.02	477.00	5°24'27"	22.53	N38°53'22"E	45.00
C79	45.18	477.00	5°25'35"	22.60	N44°18'23"E	45.16
C80	17.20	477.00	2°03'56"	8.60	N48°03'08"E	17.19

CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD BRG	CHORD
C81	1:9.71	477.00	19°11'00"	80.61	N39°29'36"E	158.96
C82	28.28	523.00	3°05'53"	14.14	S47°32'10"W	28.27
C83	45.12	523.00	4°56'17"	22.58	S43°30'55"W	45.11
C84	20.75	523.00	2°16'22"	10.37	S39°54'26"W	20.74
C85	94.15	523.00	10°18'51"	47.20	S43°55'40"W	94.02
C86	24.26	1023.00	1°21'32"	12.13	S38°05'29"W	24.26
C87	77.50	1023.00	4°20'25"	38.77	S35°14'30"W	77.48
C88	101.76	1023.00	5°41'58"	50.92	S35°55'16"W	101.72
C89	62.54	157.00	22°49'21"	31.69	N44°28'57"E	62.12
C90	78.83	157.00	28°46'00"	40.26	N70°16'38"E	78.00
C91	141.36	157.00	51°35'20"	75.88	N58°51'57"E	136.64
C92	34.91	25.00	80°00'00"	20.98	S55°20'22"E	32.14
C93	41.96	25.00	96°09'59"	27.85	S32°44'37"W	37.21
C94	21.94	203.00	6°11'28"	10.98	N77°43'53"E	21.92
C95	29.04	203.00	8°11'48"	14.55	N70°32'15"E	29.02
C96	33.97	203.00	9°35'18"	17.03	N61°38'42"E	33.93
C97	34.64	203.00	9°46'35"	17.36	N51°57'46"E	34.60
C98	45.10	203.00	12°43'48"	22.64	N40°42'34"E	45.01
C99	4.51	203.00	1°16'23"	2.26	N33°42'29"E	4.51
C100	169.20	203.00	47°45'20"	89.86	N56°56'57"E	164.34
C101	40.68	977.00	2°23'09"	20.35	S34°15'52"W	40.68
C102	45.05	977.00	2°38'32"	22.53	S36°46'42"W	45.05
C103	11.44	977.00	0°40'16"	5.72	S38°26'07"W	11.44
C104	97.18	977.00	5°41'58"	48.63	S35°55'16"W	97.14
C105	33.57	477.00	4°01'57"	16.79	S40°47'13"W	33.57
C106	45.27	477.00	5°26'14"	22.65	S46°31'19"W	45.25
C107	7.03	477.00	0°50'39"	3.51	S48°39'46"W	7.03
C108	85.87	477.00	10°18'51"	43.05	S43°55'40"W	85.75
C109	38.40	523.00	4°12'23"	19.21	N46°58'54"E	38.39
C110	45.07	523.00	4°56'16"	22.55	N42°24'35"E	45.06
C111	45.04	523.00	4°56'04"	22.53	N37°28'25"E	45.03
C112	45.35	523.00	4°58'05"	22.69	N32°31'20"E	45.34
C113	1.25	523.00	0°08'12"	0.62	N29°58'12"E	1.25
C114	175.11	523.00	19°11'00"	88.38	N39°29'36"E	174.29
C115	44.11	477.00	5°17'54"	22.07	S32°33'03"W	44.09
C116	35.80	477.00	4°18'01"	17.91	S37°21'01"W	35.79
C117	79.91	477.00	9°35'55"	40.05	S34°42'03"W	79.82
C118	35.11	277.00	7°15'46"	17.58	S43°07'54"W	35.09
C119	46.06	277.00	9°31'40"	23.08	S51°31'37"W	46.01
C120	18.15	277.00	3°45'17"	9.08	S58°10'05"W	18.15
C121	38.68	25.00	88°38'36"	24.41	N75°37'58"W	34.93
C122	96.66	289.00	19°09'45"	48.78	S40°53'33"E	96.21
C123	39.25	323.00	6°57'44"	19.65	S27°56'56"W	39.22
C124	2.57	323.00	0°27'20"	1.28	S24°14'24"W	2.57
C125	41.82	323.00	7°25'04"	20.94	S27°43'16"W	41.79
C126	37.46	277.00	7°44'51"	18.76	N27°53'09"E	37.43
C127	37.42	277.00	7°44'26"	18.74	N35°37'48"E	37.39
C128	74.88	277.00	15°29'17"	37.67	N31°45'23"E	74.65
C129	14.82	25.00	33°58'21"	7.64	N56°29'12"E	14.61
C130	24.03	40.00	34°25'14"	12.39	S56°15'45"W	23.67
C131	90.09	40.00	129°02'36"	83.94	S25°28'10"E	72.22
C132	69.92	40.00	100°08'47"	47.79	N39°56'09"E	61.35
C133	21.66	25.00	49°39'16"	11.56	S14°40'53"W	20.99
C134	184.03	40.00	263°36'37"	44.73	S58°19'56"E	59.63
C135	39.27	25.00	90°00'00"	25.00	S84°30'01"W	35.36
C136	39.27	25.00	90°00'00"	25.00	S05°29'59"E	35.36
C137	87.31	323.00	15°29'17"	43.92	N31°45'23"E	87.05
C138	42.82	203.00	12°05'04"	21.49	N44°27'27"W	42.74
C139	40.37	203.00	11°23'42"	20.25	N32°43'03"W	40.31
C140	41.69	203.00	11°45'59"	20.92	N21°08'12"W	41.62
C141	79.04	157.00	28°50'48"	40.38	N36°04'35"W	78.21
C142	17.54	157.00	6°23'59"	8.78	N18°27'12"W	17.53
C143	39.27	25.00	90°00'00"	25.00	N29°44'47"E	35.36
C144	39.27	25.00	90°00'00"	25.00	N60°15'13"W	35.36
C145	35.95	315.00	6°32'19"	17.99	S71°28'38"W	35.93
C146	17.39	315.00	3°09'47"	8.70	S66°37'35"W	17.39
C147	53.34	315.00	9°42'06"	26.73	S69°53'44"W	53.27
C148	35.97	281.00	7°20'02"	18.01	S71°04'46"W	35.94
C149	11.61	281.00	2°22'04"	5.81	S68°13'44"W	11.61
C150	62.91	275.00	13°06'25"	31.59	N08°42'00"W	62.77
C151	10.13	275.00	2°06'41"	5.07	N01°05'27"W	10.13
C152	43.18	25.00	98°57'26"	29.25	N40°31'49"E	38.01
C153	36.53	25.00	83°43'05"	22.40	S48°07'55"E	33.37
C154	27.73	252.00	6°18'19"	13.88	N12°06'03"W	27.72
C155	19.31	298.00	3°42'46"	9.66	N13°23'50"W	19.31
C156	27.40	298.00	5°16'04"	13.71	N08°54'25"W	27.39
C157	89.29	215.00	23°47'39"	45.30	S15°15'50"E	88.65
C158	124.88	203.00	35°14'46"	64.49	N32°52'36"W	122.92
C159	96.58	157.00	35°14'46"	49.87	N32°52'36"W	95.06
C160	25.00	6.36	14°34'13"	3.20	S32°12'55"W	6.34
C161	277.00	99.33	20°32'43"	50.20	S49°46'22"W	98.80
C162	25.00	33.40	76°33'15"	19.73	N24°04'37"E	30.97

PLAT FOR
SUNDORO SOUTH SUBDIVISION UNIT 5
WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2005

PRIVATE DRAINAGE EASEMENTS:

2' wide private drainage easements are located in some side yards as shown hereon. Where the difference in elevation between the two adjacent pads is 0.8' or less the easement is centered on the lot line. Where the difference is more than 0.8' but less than 1.4' the easement is entirely on the low side of the lot line and immediately adjacent to that lot line. Where the easement is centered on the lot line it is for the mutual benefit of both lot owners and is to be jointly maintained. Where the easement is entirely on the low side of the lot line the easement is for the benefit of the adjacent "high side" lot owner and shall be maintained by the underlying "low side" lot owner. Neither lot owner is allowed to change the planned grade within the 2' wide private drainage easement, nor shall either lot owner place any loose material adjacent to the easement that has the potential to be moved into the drainage easement or in any other way block drainage in any portion of the easement, except that a fence or block wall may be centered on the lot line. Under no circumstances shall the grade adjacent to the easement on either side of the easement be changed except by a structurally sound retaining wall, as designed by a registered professional engineer or architect. Where no easement is shown on the plat each lot owner must construct, operate and maintain his own separate swale all the way to the street and cross lot drainage will be prevented by some combination of walls and berms on the common lot line to be jointly maintained by both lot owners.

LINE TABLE		
LINE ID	LENGTH	BEARING
L1	27.67	S00°38'54"W
L2	189.76	S89°21'06"E
L3	1353.58	S15°16'29"E
L4	442.34	N89°59'28"W
L5	157.90	S88°27'22"W
L6	245.49	S89°48'05"E
L7	38.52	N74°39'38"E
L8	29.68	N74°39'38"E
L9	22.24	N50°29'59"W
L10	17.08	N88°27'22"E
L11	5.77	N88°27'22"E
L12	38.33	N15°26'01"E
L18	824.25	N15°20'22"W
L19	611.68	N89°59'57"W
L20	125.23	N15°20'06"W
L21	472.96	N89°21'06"W
L22	16.00	N00°00'03"E
L23	22.00	N00°00'03"E
L24	8.13	S89°59'57"E
L25	60.51	N89°21'06"W
L26	36.83	N00°00'03"E
L27	31.67	N39°30'01"E
L28	16.14	S50°29'59"E
L29	11.47	N39°30'01"E
L30	14.19	N39°30'01"E
L31	57.48	S29°16'56"E
L32	55.39	S50°29'59"E
L33	33.02	N66°09'39"E
L34	24.22	N39°30'01"E
L35	22.34	N84°39'38"E
L36	18.52	N84°39'38"E

LINE TABLE		
LINE ID	LENGTH	BEARING
L37	44.33	S15°20'22"E
L38	38.12	S15°20'22"E
L39	14.51	S15°20'22"E
L40	14.23	S39°30'01"W
L41	9.98	S39°30'01"W
L42	17.02	N39°31'35"E
L43	40.31	N50°28'25"W
L44	39.06	S15°16'29"E
L45	27.67	S15°16'29"E
L46	11.39	S15°16'29"E
L47	32.76	S15°16'29"E
L48	35.62	S15°16'29"E
L49	5.90	N50°29'59"W
L50	17.77	S74°44'47"W
L51	16.02	N74°44'47"E
L52	28.24	S18°43'48"E
L53	38.53	N78°03'06"E
L54	17.00	S24°57'19"E
L55	17.00	S24°57'19"E
L56	17.33	S65°02'41"W
L57	22.84	N39°30'01"E
L58	32.07	N71°50'45"E
L59	40.26	N24°05'30"W
L60	36.74	N89°59'37"E
L61	12.87	N00°02'06"W
L62	14.91	S50°29'59"E
L63	3.65	S72°54'46"W
L64	35.43	S74°39'38"W
L65	1.59	N84°39'38"E
L66	37.53	S33°06'23"E
L67	88.57	S15°16'29"E

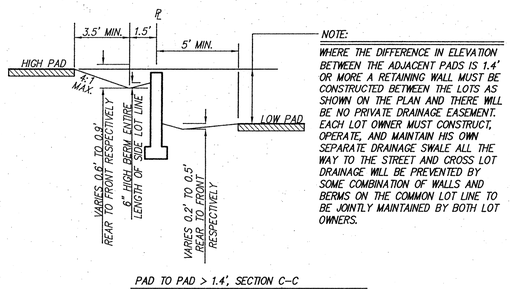
ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

Dwg: U5-FPBASE.DWG	Drawn: RICHARD	Checked: ALS	Sheet 6 of 6
Scale: N/A	Date: 03/22/05	Job: A04046	

F:\A04046SS\FINAL PLATS\U5- FINAL PLAT\U5-FPBASE.DWG\ 02-18-05 RDQ

RECORD DRAWINGS

SCANNED BY PLANNING



PAD TO PAD > 1.4', SECTION C-C
NTS

NOTE:
WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE ADJACENT PADS IS 1.4' OR MORE A RETAINING WALL MUST BE CONSTRUCTED BETWEEN THE LOTS AS SHOWN ON THE PLAN AND THERE WILL BE NO PRIVATE DRAINAGE EASEMENT. EACH LOT OWNER MUST CONSTRUCT, OPERATE, AND MAINTAIN HIS OWN SEPARATE DRAINAGE SWALE ALL THE WAY TO THE STREET AND CROSS LOT DRAINAGE WILL BE PREVENTED BY SOME COMBINATION OF WALLS AND BERMS ON THE COMMON LOT LINE TO BE JOINTLY MAINTAINED BY BOTH LOT OWNERS.

LEGEND

- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED SIDEWALK
- .45.50 PROPOSED SPOT ELEVATION
- FP = 50.0 PROPOSED FINISHED PAD ELEVATION
- PROPOSED DIRECTION OF FLOW
- PROPOSED SLOPE
- PROPOSED RETAINING WALL
- PROPERTY LINE
- WATER BLOCK

APPROVED ROUGH GRADING ±18"
CITY HYDROLOGY DATE

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

A04JOBS/A4046SS/Unit 5/4046-GD50 2-15-05 TAS

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE FEB 1
ACCEPTANCE BY		DATE FEB 1
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PN 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.851 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DANE HOELZER NEW MEXICO 10867 REGISTERED PROFESSIONAL ENGINEER
2-15-05

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	10/04
DRAWN BY	TAS	10/04
CHECKED BY	DMG	10/04

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:
SUNDORO SOUTH GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET
727084	J-8/9	5A 27

:\A04JOBS\A4046SS\Unit 5\4046-GD50.dwg, SH1 (x50), 02/15/2005 3:50:17 PM, DMG Inc

RECORD DRAWINGS

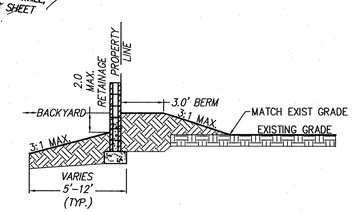
SCANNED BY PLANNING

LEGEND

- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED SIDEWALK
- 45.50 — PROPOSED SPOT ELEVATION
- FP = 50.0 — PROPOSED FINISHED PAD ELEVATION
- PROPOSED DIRECTION OF FLOW
- PROPOSED SLOPE
- PROPOSED RETAINING WALL
- PROPOSED GARDEN WALL
- WATER BLOCK

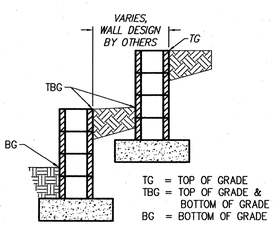
WALL AND GRADE ELEVATION

(1) 62.20TG 60.70BG	(2) 63.00TG 60.66BG	(3) 66.00TG 64.26TBG 60.26BG	(4) 66.00TG 62.55TBG 58.55BG	(5) 66.00TG 62.05TBG 58.05BG
(6) 66.00TG 60.75TBG 56.75BG	(7) 66.00TG 60.30TBG 56.30BG	(8) 66.00TG 60.00TBG 54.05BG	(9) 60.00TG 53.55BG	(10) 52.60 59.00TG 53.60BG



RETAINING WALL / BERM TYPICAL DETAIL B-B

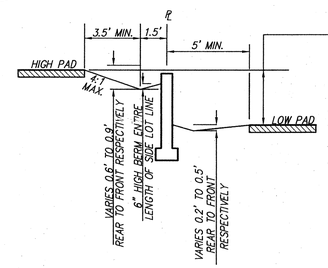
SCALE: NTS



TG = TOP OF GRADE
TBG = TOP OF GRADE & BOTTOM OF GRADE
BG = BOTTOM OF GRADE

DOUBLE RETAINING WALL DETAIL A-A

SCALE: NTS



PAD TO PAD > 1.4', SECTION C-C

NTS

NOTE:

WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE ADJACENT PADS IS 1.4' OR MORE A RETAINING WALL MUST BE CONSTRUCTED BETWEEN THE LOTS AS SHOWN ON THE PLAN AND THERE WILL BE NO PRIVATE DRAINAGE EASEMENT. EACH LOT OWNER MUST CONSTRUCT, OPERATE, AND MAINTAIN HIS OWN SEPARATE DRAINAGE SWALE ALL THE WAY TO THE STREET AND CROSS LOT DRAINAGE WILL BE PREVENTED BY SOME COMBINATION OF WALLS AND BERMS ON THE COMMON LOT LINE TO BE JOINTLY MAINTAINED BY BOTH LOT OWNERS.

A04JOBS/A4046SS/Unit 5/4046-GD50 3-25-05 RDQ TAS

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE FEB 6
INSPECTOR ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE FEB 6
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND

X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DANE HOELZER — NEW MEXICO — 11967 — REGISTERED PROFESSIONAL ENGINEER — 3-25-05

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	10/04
DRAWN BY	TAS	10/04
CHECKED BY	DMG	10/04

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:

SUNDORO SOUTH GRADING & DRAINAGE PLAN

DESIGN REVIEW COMMITTEE: For Information Only

CITY ENGINEER APPROVAL

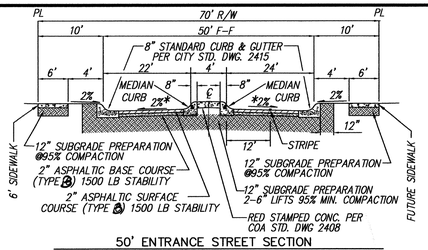
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 5B 27

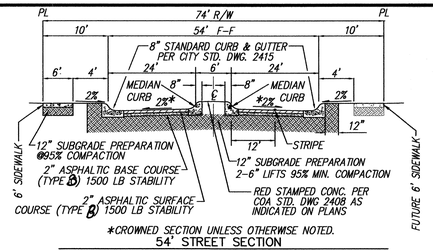
F:\A04JOBS\A4046SS\Unit 5\4046-GD50.dwg, 3/25/2005 2:08:34 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ

RECORD DRAWINGS

SCANNED BY PLANNING



50' ENTRANCE STREET SECTION
NOT TO SCALE
(KIPUKA DRIVE)
*CROWNED SECTION UNLESS OTHERWISE NOTED.



*CROWNED SECTION UNLESS OTHERWISE NOTED.
54' STREET SECTION
NOT TO SCALE
(KIPUKA DRIVE AT ASHFALL PLACE)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS AND ALL 10' VALLEY GUTTERS PER COA STD DWG 2422.
2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.
3. ALL HANDICAP RAMPS TO BE PER CITY STD DWG 2441 CASE II.
4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10' PER COA STD DWG 2418.
5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER COA STD DWG 2401.
6. ALL SIDEWALKS PER COA STD DWG 2430.
7. UNI-DIRECTIONAL CURB ACCESS RAMP PER COA STD DWG 2426.
8. ASHFALL PLACE PAVING FROM END OF CUL-DE-SAC TO STA 14+86 USE (2 LIFTS) 1-1/2" A.C. (TYPE "C") AND FROM STA 14+86 TO STA 19+28 USE (2 LIFTS) 2" A.C. (TYPE "B").
9. BUILD CURB RETURNS WITH 6' VALLEY GUTTER AND PROVIDE TYPE III BARRICADE, IF NECESSARY.

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

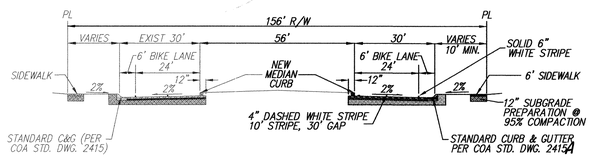
Will Plotner

60' 30' 0 60' 120'
SCALE: 1" = 60'

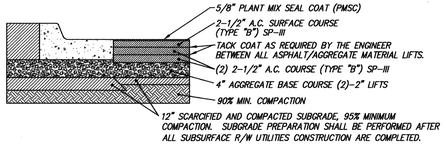
LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- FUTURE MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- FUTURE STANDARD CURB AND GUTTER
- EXISTING WALL
- SIDEWALK THIS PROJECT AS PER COA STD DWG 2430
- DEFERRED SIDEWALK
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE

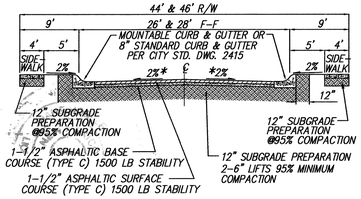
EXIST	NEW	
		STORM DRAIN INLET THIS PROJECT
		STREET LIGHT
		WHEEL CHAIR RAMP
		50' CROWN TRANSITION SEE NOTE 5
		25' CROWN TRANSITION SEE NOTE 5
	DW	PROPOSED DRIVEWAY LOCATION (BY OTHERS)
		REMOVE & DISPOSE EXISTING PAVEMENT
		UNIT PHASE LINE
		NEW WATER BLOCK
		POWER POLES
		RED PATTERNED CONC. PER COA STD. DWG. 2408



LADERA DRIVE SECTION
NOT TO SCALE PER CPN 650281



LADERA DRIVE PAVEMENT SECTION
NTS
PER CPN: 650281 (WESTLAND NORTH SECTOR PLAN, PHASE I, MASTER INFRASTRUCTURE PLANS)
NOTE: IF 1' SUBGRADE SOIL, R-VALUE IS LESS THAN 60, PLACED IN 2-6" LIFTS, 95% COMPACTION, AT OPT MOISTURE THE 200 SIEVE. ± 3.0%, ASTM D-698 FOR SOIL W/35% OR MORE PASSING



*CROWNED SECTION UNLESS OTHERWISE NOTED.

26' & 28' RESIDENTIAL STREET SECTION
NOT TO SCALE
NOTE: RESIDENTIAL STREET SECTION PER COA STD DWG 2405.
SPECIAL NOTE: ASHFALL PLACE (KIPUKA TO TUMULUS) USE (2) 2" A.C. (TYPE C) 1500# STAB.

A04JOBS/A4046SS/Unit 5/4046-MPav-U5 5-06-05 RDQ TAS CAR

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE FEB n.d.
INSPECTORS INITIAL CHANGES BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE FEB n.d.
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PW 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4-25-05

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN	DLH	01/05
DRAWN BY	TAS	01/05
CHECKED BY	DMG	01/05

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

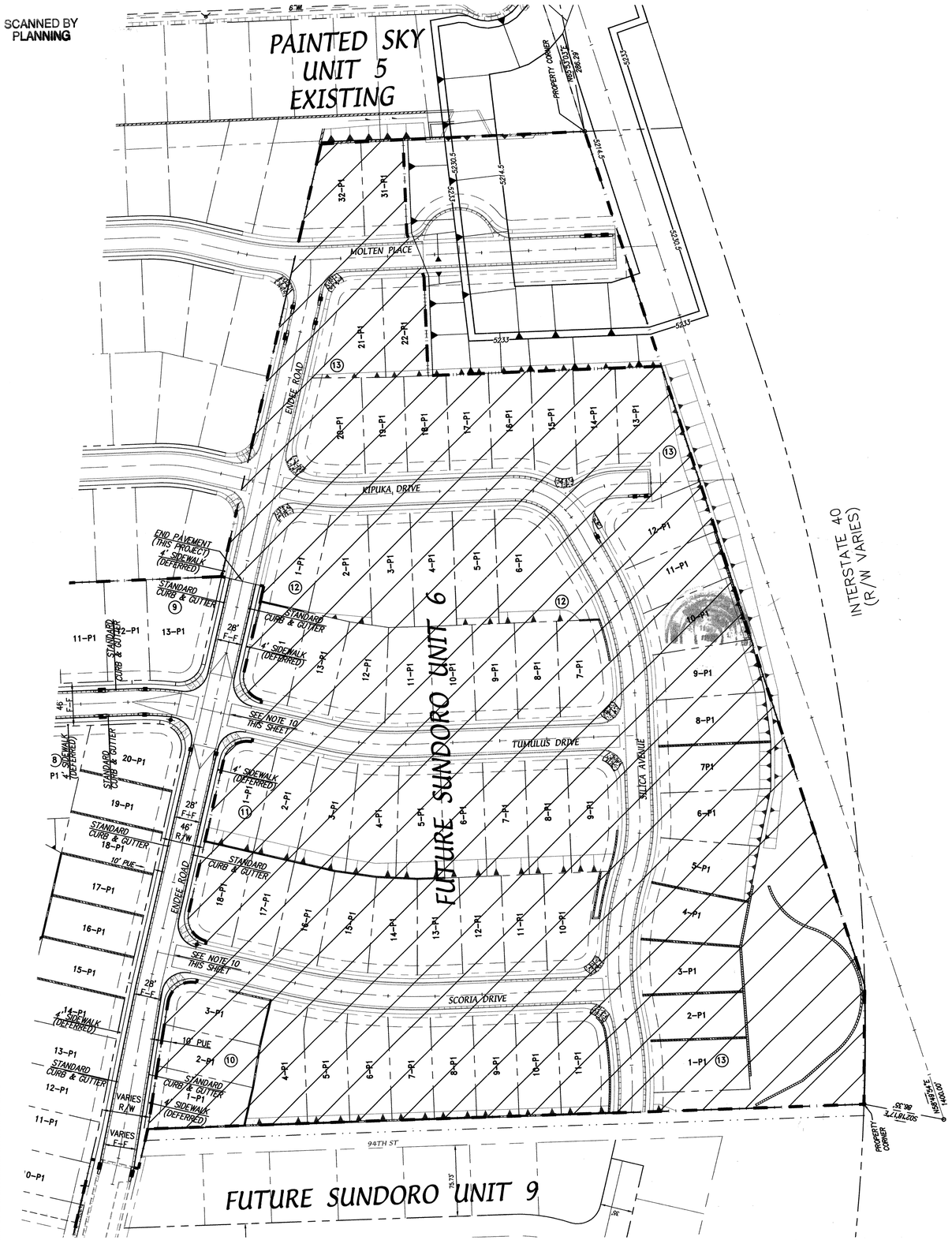
TITLE:
SUNDORO SOUTH UNIT 5
MASTER PAVING PLAN

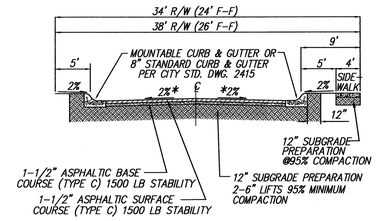
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE	APPROVED JUL 15 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	6	27

RECORD DRAWINGS

SCANNED BY PLANNING





24' & 26' RESIDENTIAL STREET SECTION

NOT TO SCALE

NOTE: RESIDENTIAL STREET SECTION PER COA STD DWG 2405A.

NOTES

1. ALL 4' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2421 AT KNUCKLES AND 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS AND ALL 10' VALLEY GUTTERS PER COA STD DWG 2422.

2. ALL 4' INTERIOR SIDEWALKS ARE DEFERRED.

3. ALL HANDICAP RAMPS PER COA STD DWG 2441, UNLESS OTHERWISE NOTED.

4. TRANSITION FROM MOUNTABLE CURB TO STANDARD CURB SHALL BE 10' PER COA STD DWG 2418.

5. TRANSITION SECTION FROM FULL CROWN TO NO CROWN TO BE A MINIMUM OF 50', PER COA STD DWG 2401.

6. ALL SIDEWALKS PER COA STD DWG 2430.

7. SOIL NOT HAVING A MINIMUM R-VALUE OF 50 WHERE INDICATED ON SECTIONS OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH A SUITABLE MATERIAL OR PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.

8. UNI-DIRECTIONAL CURB ACCESS RAMP PER COA STD DWG 2426.

9. ASHFALL PLACE PAVING FROM END OF CUL-DE-SAC TO STA 14+86 USE (2 LIFTS) 1-1/2" A.C. (TYPE "C") AND FROM STA 14+86 TO STA 19+28 USE (2 LIFTS) 2" A.C. (TYPE "C").

10. BUILD CURB RETURNS WITH 6' VALLEY GUTTER AND PROVIDE TYPE III BARRICADE, IF NECESSARY.

LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- FUTURE MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- FUTURE STANDARD CURB AND GUTTER
- EXISTING WALL
- SIDEWALK THIS PROJECT AS PER COA STD DWG 2430
- DEFERRED SIDEWALK
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE

EXIST NEW

- STORM DRAIN INLET THIS PROJECT
- STREET LIGHT
- WHEEL CHAIR RAMP
- 50' CROWN TRANSITION SEE NOTE 5
- 25' CROWN TRANSITION SEE NOTE 5
- DW PROPOSED DRIVEWAY LOCATION (BY OTHERS)
- NEW OFFSITE PAVING THIS PROJECT
- REMOVE & DISPOSE EXISTING PAVEMENT
- UNIT PHASE LINE
- NEW WATER BLOCK
- POWER POLES

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

60' 30' 0 60' 120'
SCALE: 1" = 60'

A04JOBS/A4046SS/Unit 5/4046-MPav-U5 5-06-05 TAS RDQ CAR

AS BUILT INFORMATION

CONTRACTOR: Contractor Business Inc. DATE: FEB n.d.
SURVEY STAKED BY: Contractor Business Inc. DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY: Contractor Business Inc. DATE: FEB n.d.
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO WOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG WOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4-25-05

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGN		
DESIGNED BY	DLH	09/04
DRAWN BY	TAS	09/04
CHECKED BY	DMG	09/04

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: SUNDORO SOUTH UNIT 5 MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE

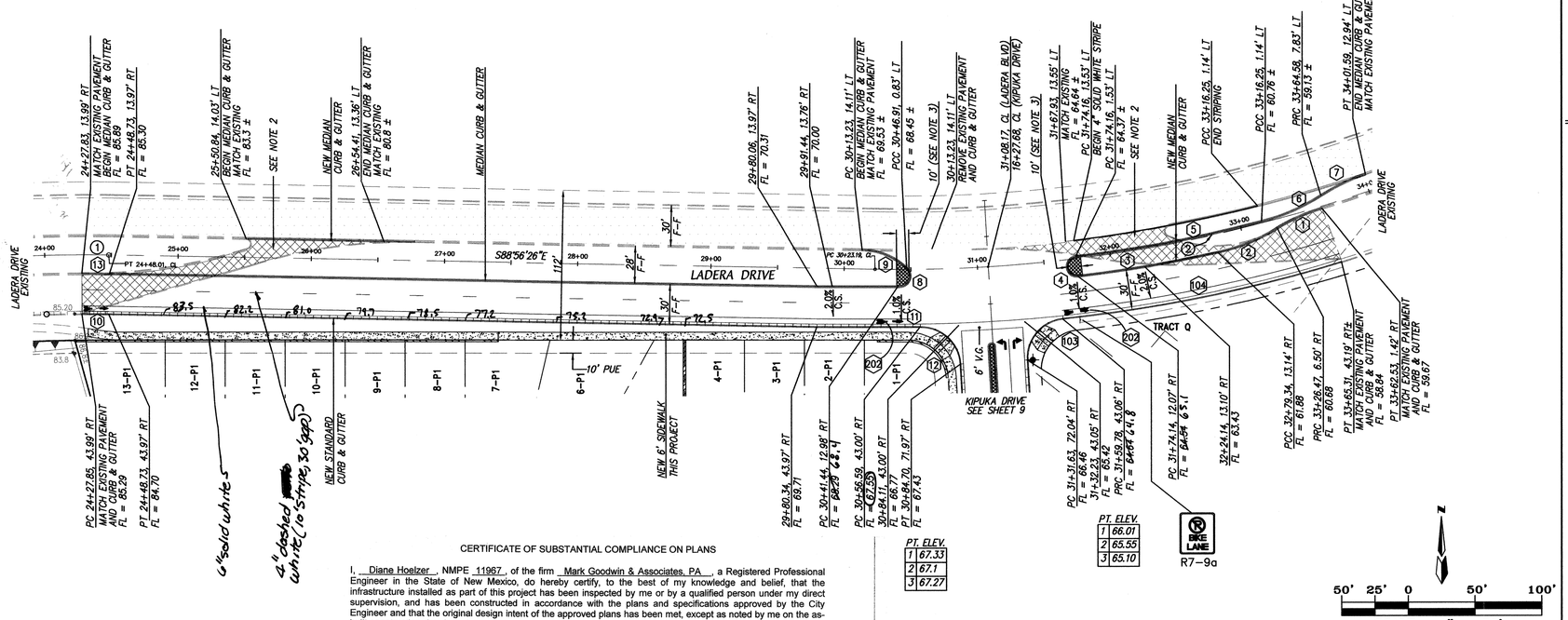
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	7	27

RECORD DRAWINGS

SCANNED BY PLANNING

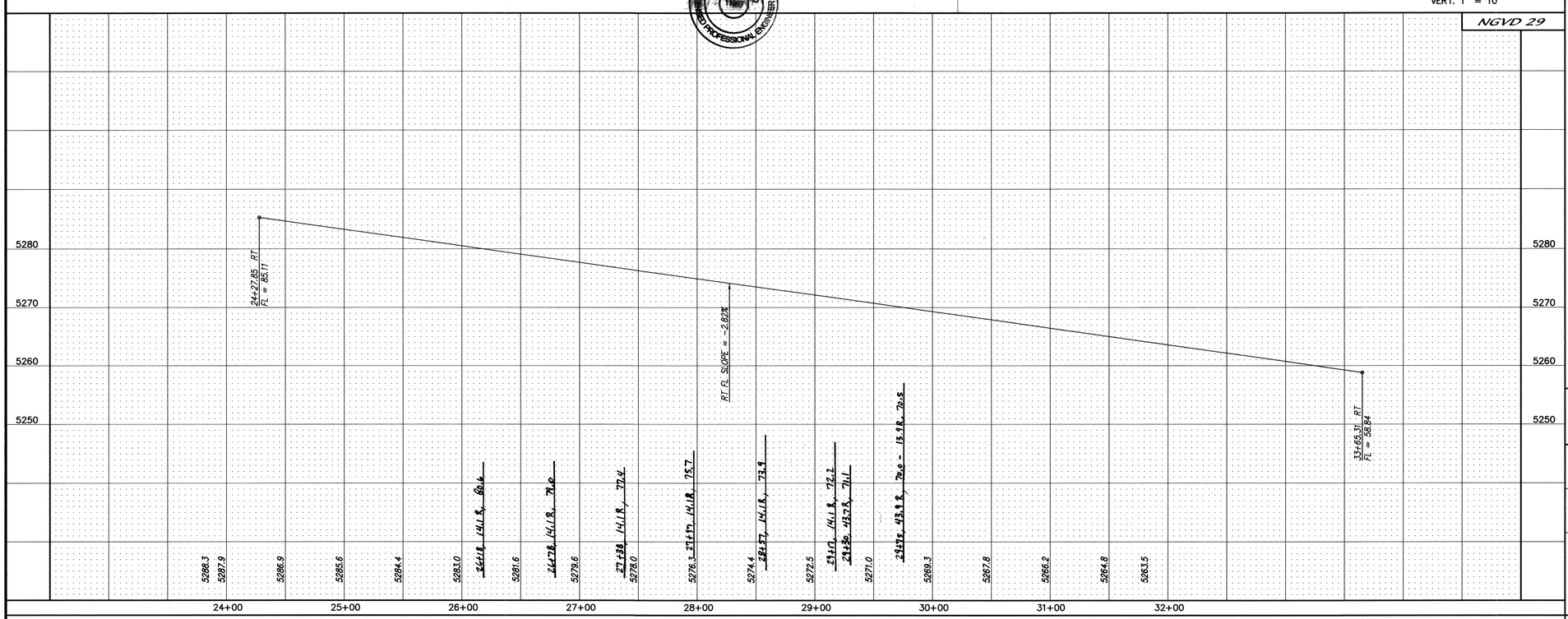


LADERA DRIVE
STA. 24+00 TO STA. 34+00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. REMOVE EXISTING TEMPORARY PAVEMENT AND TEMPORARY CURB & GUTTER. (*)
3. INSTALL RED STAMPED CONCRETE AND PAINT NOSE YELLOW PER COA STD DWG 2408.

(*) REMOVED 9" PERMANENT ASPHALT AND CONCRETE MEDIAN CURB.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 01°03'01" R = 1100.00' L = 20.16' T = 10.08'
(2) Δ = 51°33'19" R = 1100.00' L = 989.79' T = 531.23'

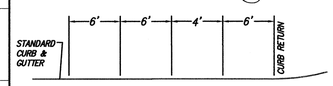
PT. ELEV.
1 OF PT
2 OF PT
3 OF PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(1) Δ = 13°59'32" R = 150.00 T = 18.41 L = 36.63
(2) Δ = 18°25'10" R = 150.00 T = 24.32 L = 48.22
(3) Δ = 5°28'47" R = 1113.04 T = 53.26 L = 106.45
(4) Δ = 180°00'00" R = 7.30 T = 50.00 L = 22.94
(5) Δ = 7°26'04" R = 1093.77 T = 71.06 L = 141.93
(6) Δ = 18°38'26" R = 150.00 T = 24.62 L = 48.80
(7) Δ = 14°10'36" R = 150.00 T = 18.65 L = 37.11
(8) Δ = 136°37'53" R = 8.00 T = 20.12 L = 19.08
(9) Δ = 42°18'51" R = 50.00 T = 19.35 L = 36.93
(10) Δ = 1°05'20" R = 1056.00 T = 10.04 L = 20.07
(11) Δ = 0°52'44" R = 1143.00 T = 8.77 L = 17.53
(12) Δ = 87°16'39" R = 30.00 T = 28.61 L = 45.70
(13) Δ = 1°05'20" R = 1086.00 T = 10.32 L = 20.64
(103) Δ = 87°20'51" R = 30.00 T = 28.61 L = 45.70
(104) Δ = 10°42'38" R = 1143.04 T = 107.15 L = 213.67

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



6" SOLID WHITE REFLECTORIZED PAINTED STRIPING PER THE MUTCD.

BIKE LANE MARKING (203)

N.T.S. USE PREFORMED REFLECTORIZED TAPE FOR ARROW & BIKE SYMBOL.

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	Cartesian Surveys Inc. DATE FEB 06
INSPECTOR'S STAKING BY	DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc. DATE FEB 06
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (90TH ST. ON LT.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40. 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #FM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

NO.	DATE	BY	FIELD NOTES

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 6-25-05

NO.	DATE	BY	REMARKS

REVISIONS

DESIGN		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
LADERA DRIVE
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 8 OF 27

A04JOBS/A4046SS/Unit 5/LADERA-PP7 5-06-05 RDQ TAS CAR

F:\AOA JOBS\A4046SS\Unit 5\LADERA-PP7.dwg 5/6/2005 8:35:42 AM MST

RECORD DRAWINGS

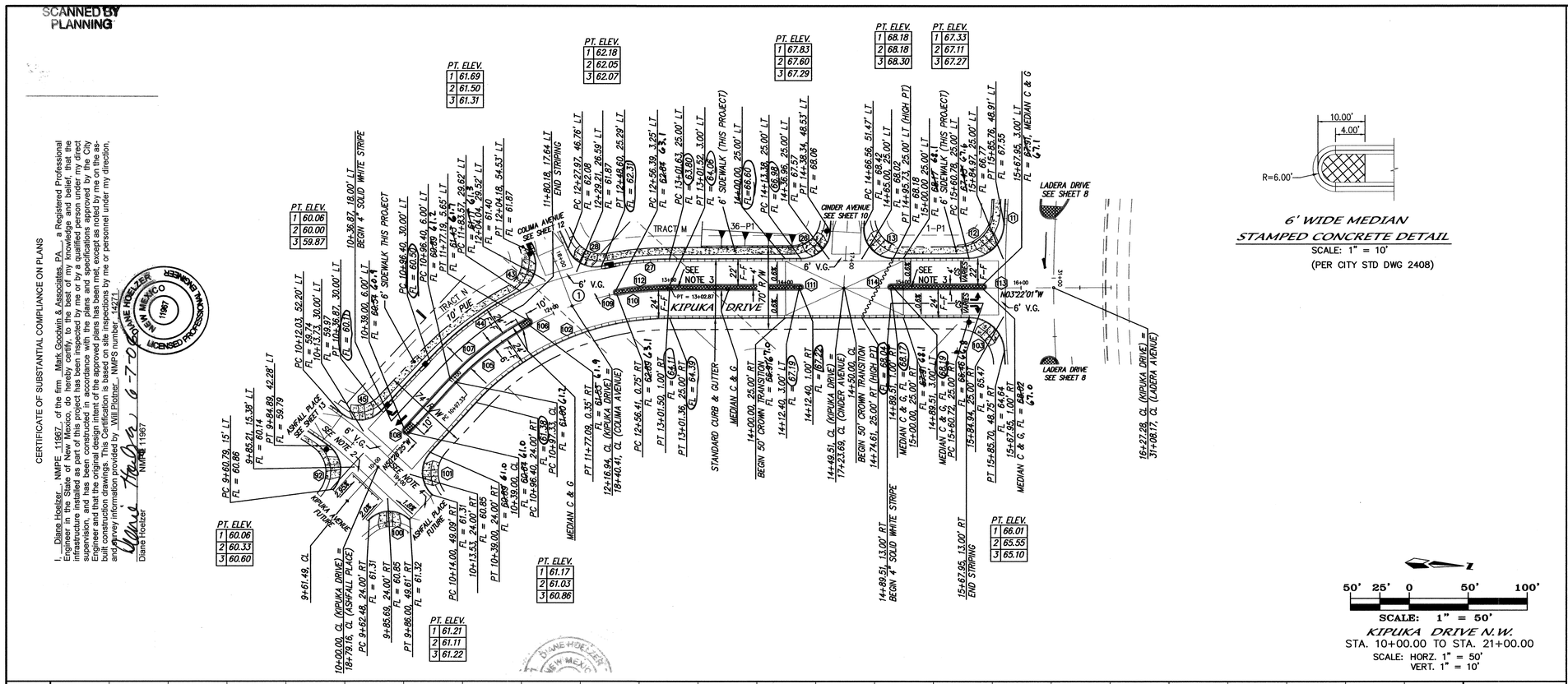
SCANNED BY PLANNING

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 that the Public Improvements and Private Improvements for this infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer
NMPE 11967

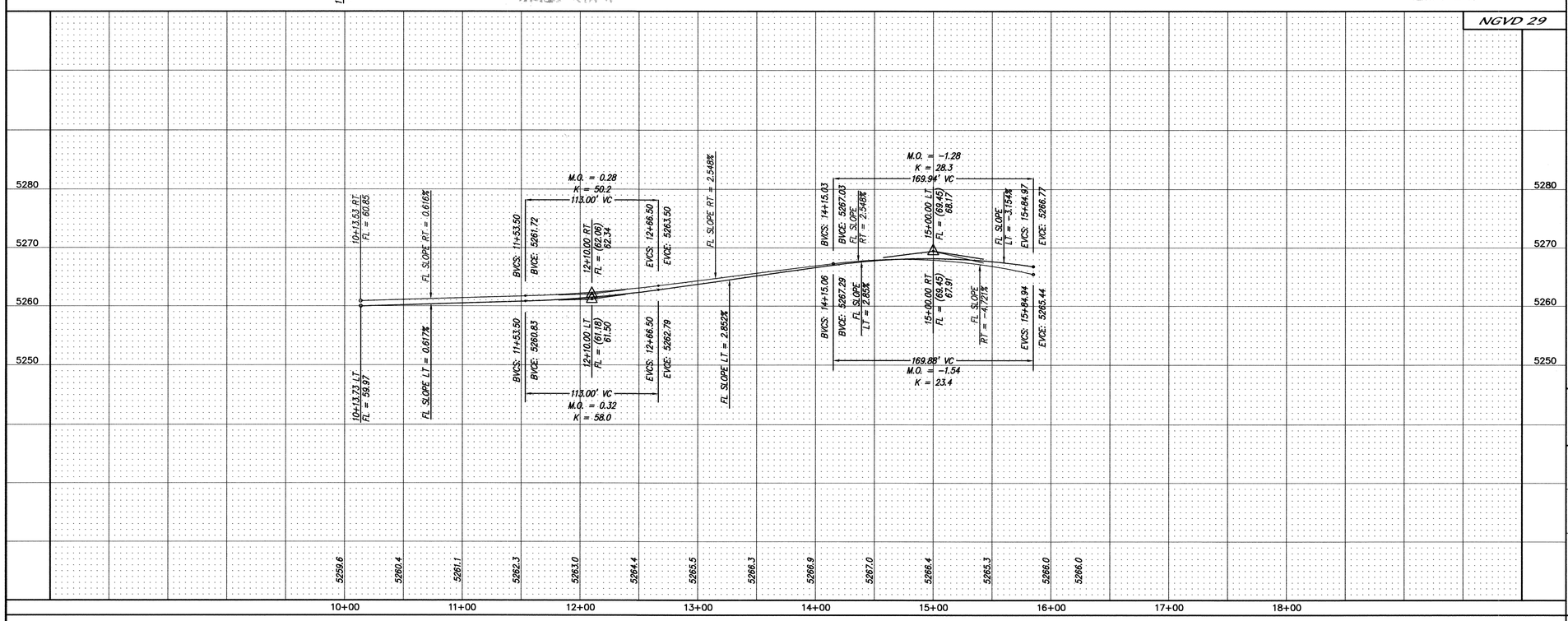
NEW MEXICO DIANE HOELZER 11967 LICENSED PROFESSIONAL ENGINEER



6' WIDE MEDIAN
STAMPED CONCRETE DETAIL
SCALE: 1" = 10'
(PER CITY STD DWG 2408)

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

KIPUKA DRIVE N.W.
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A04JOBS/A4046SS/Unit 5/KIPUKA-PP8 3-28-05 TAS RDQ

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. CONSTRUCT CURB RETURN AND VALLEY GUTTERS ONLY AND PLACE TEMPORARY TYPE III BARRICADE.
3. INSTALL RED STAMPED CONCRETE AND PAINT NOSE YELLOW.
4. CONSTRUCT CUT OFF WALL ACROSS PAVEMENT AND PLACE TEMP TYPE III BARRICADES, IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 47°06'24"
R = 250.00'
L = 205.54'
T = 108.98'

PT.	ELEV.
1	QT PT
2	QT PT
3	QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(11)	Δ = 0°52'44" R = 1143.00 T = 8.77 L = 17.53	(12) Δ = 87°16'39" R = 30.00 T = 28.61 L = 45.70	(13) Δ = 93°21'49" R = 25.00 T = 26.51 L = 40.74
(26)	Δ = 86°38'11" R = 25.00 T = 23.57 L = 37.80	(27) Δ = 12°09'36" R = 275.00 T = 29.29 L = 58.36	(28) Δ = 79°15'54" R = 25.00 T = 20.71 L = 34.59
(43)	Δ = 87°39'12" R = 25.00 T = 24.00 L = 38.25	(44) Δ = 20°00'48" R = 279.00 T = 49.23 L = 97.45	(45) Δ = 83°34'04" R = 25.00 T = 22.34 L = 36.46
(92)	Δ = 93°13'14" R = 25.00 T = 26.45 L = 40.68	(100) Δ = 86°37'20" R = 25.00 T = 23.57 L = 37.80	(101) Δ = 90°12'18" R = 25.00 T = 25.09 L = 39.36
(102)	Δ = 47°06'24" R = 225.00 T = 98.08 L = 184.99	(103) Δ = 87°20'51" R = 30.00 T = 28.64 L = 45.74	(105) Δ = 18°33'19" R = 249.00 T = 40.68 L = 80.64
(106)	Δ = 180°00'00" R = 3.00 T = N/A L = 9.43	(107) Δ = 18°34'18" R = 255.00 T = 41.69 L = 82.65	(108) Δ = 180°00'00" R = 3.00 T = N/A L = 9.42
(109)	Δ = 180°00'12" R = 2.00 T = N/A L = 6.28	(110) Δ = 9°53'05" R = 260.42 T = 22.52 L = 44.93	(111) Δ = 180°00'00" R = 2.00 T = N/A L = 6.28
(112)	Δ = 9°54'05" R = 264.40 T = 22.90 L = 45.69	(113) Δ = 180°00'00" R = 2.00 T = N/A L = 6.28	(114) Δ = 180°00'00" R = 2.00 T = N/A L = 6.28

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

Will Plotner

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	Carlestian Surveys Inc.	DATE FEB 06
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Carlestian Surveys Inc.	DATE FEB 06
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

SURVEY INFORMATION

NO.	BY	DATE	FIELD NOTES
			STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

BENCH MARKS

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 4-25-05

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

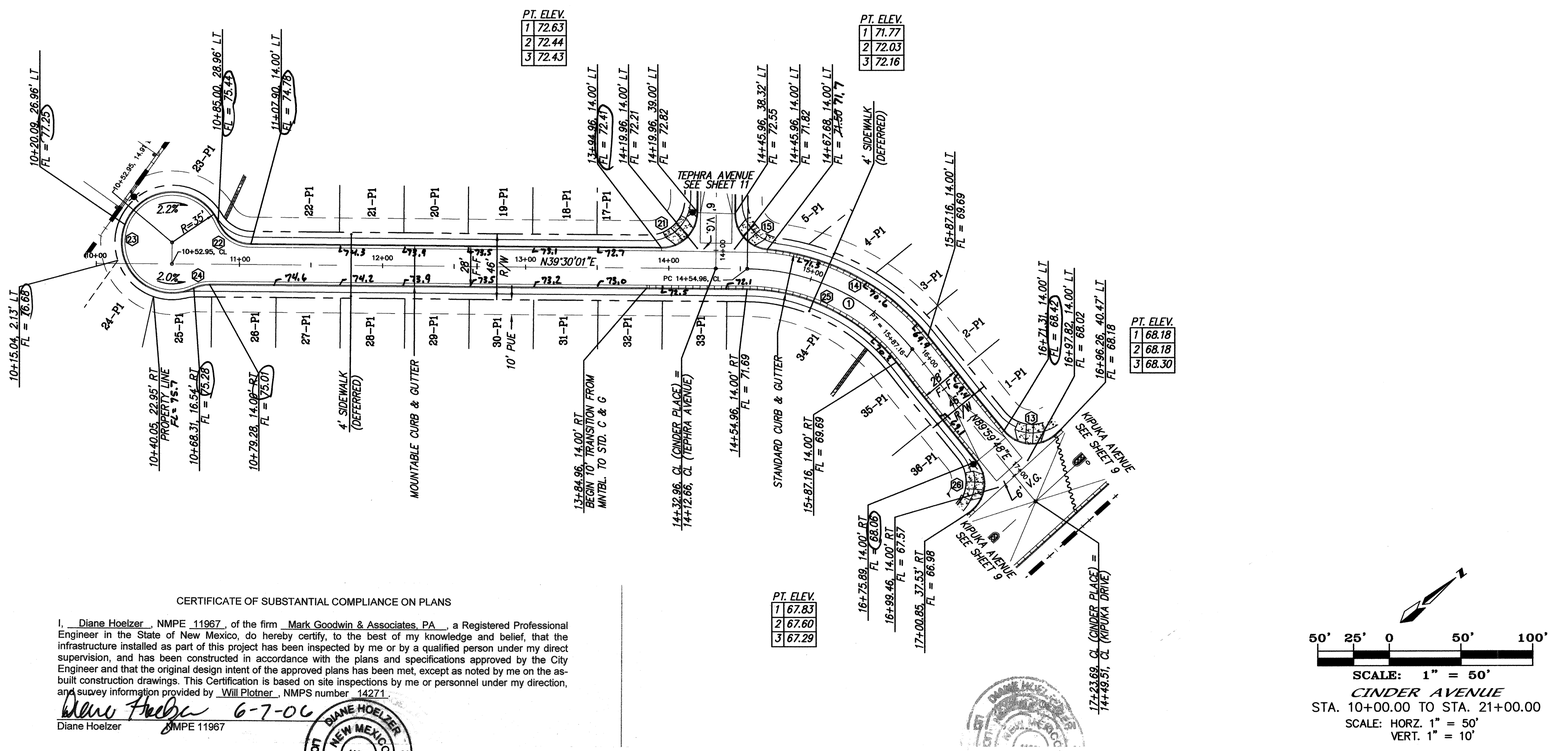
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH - UNIT 5
KIPUKA DRIVE
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE	APPROVED JUL 15 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	9	27

F:\A04JOBS\A4046SS\Unit 5\KIPUKA-PP8.DWG, 3/28/2005 1:21:43 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ



CINDER AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 50°29'47"
R = 150.00'
L = 132.20'
T = 70.74'

PT. ELEV.	
1	QT PT
2	QT PT
3	QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(13) Δ = 93°21'49"
R = 25.00
T = 26.51
L = 40.74

(14) Δ = 45°38'24"
R = 164.00
T = 69.01
L = 130.64

(15) Δ = 85°08'38"
R = 25.00
T = 22.97
L = 37.15

(21) Δ = 90°00'00"
R = 25.00
T = 25.00
L = 39.27

(22) Δ = 66°19'39"
R = 25.00
T = 16.34
L = 28.94

(23) Δ = 272°22'01"
R = 35.00
T = 33.58
L = 166.38

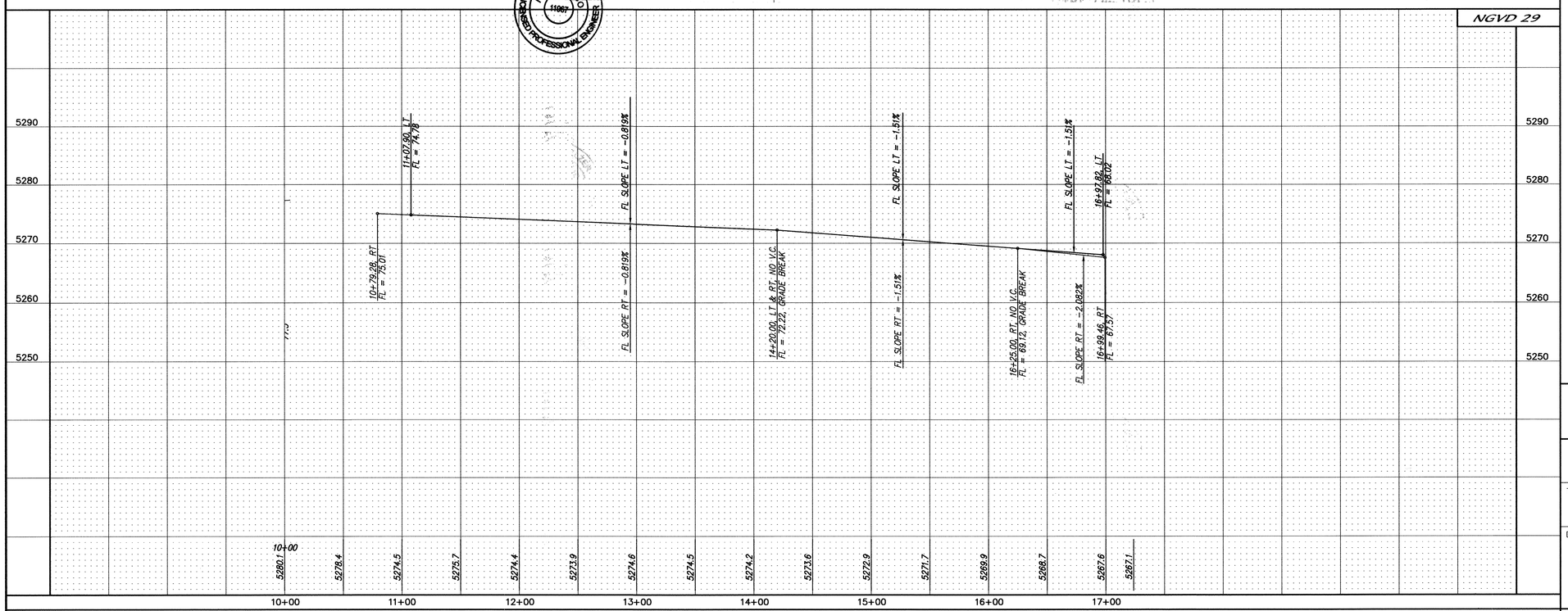
(24) Δ = 26°02'21"
R = 25.00
T = 5.78
L = 11.36

(25) Δ = 50°29'47"
R = 136.00
T = 64.14
L = 119.86

(26) Δ = 86°38'11"
R = 25.00
T = 23.57
L = 37.80

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

Will Plotner



A04JOBS/A4046SS/Unit 5/CINDER-PP9 03-28-05 TAS RDQ

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE FEB. 0 6
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE FEB 0 6
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "RICHARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PN 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "RICHARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
CINDER AVENUE
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE

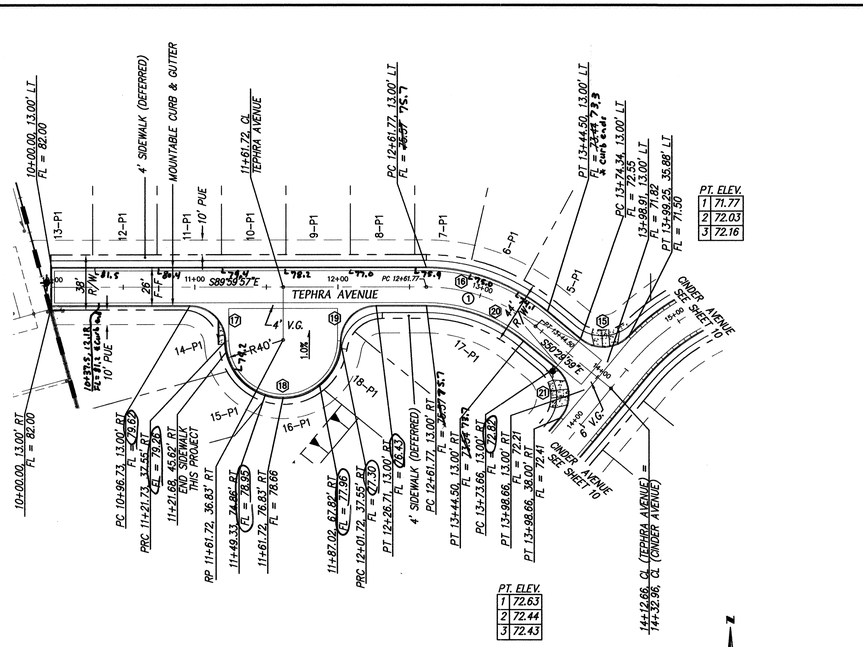
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER

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

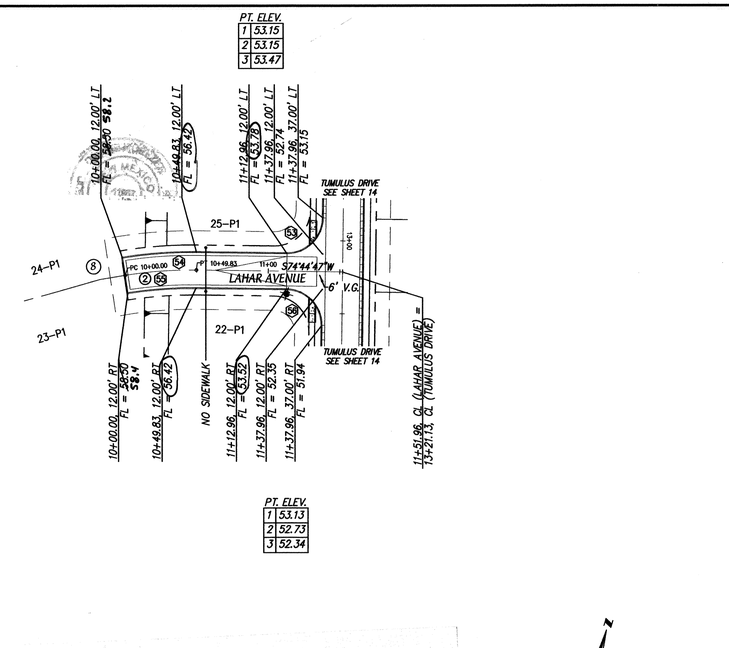
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	10	27

RECORD DRAWINGS

SCANNED BY PLANNING



TEPHRA AVENUE N.W.
STA. 10+00 TO STA. 14+12.66
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



LAHAR AVENUE N.W.
STA. 10+00 TO STA. 11+51.96
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS #12271.

Diane Hoelzer 6-7-05
Diane Hoelzer NMPE 11967

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 39°29'58" R = 120.00' L = 82.73' T = 43.08'
② Δ = 09°43'53" R = 298.00' L = 49.83' T = 24.97'

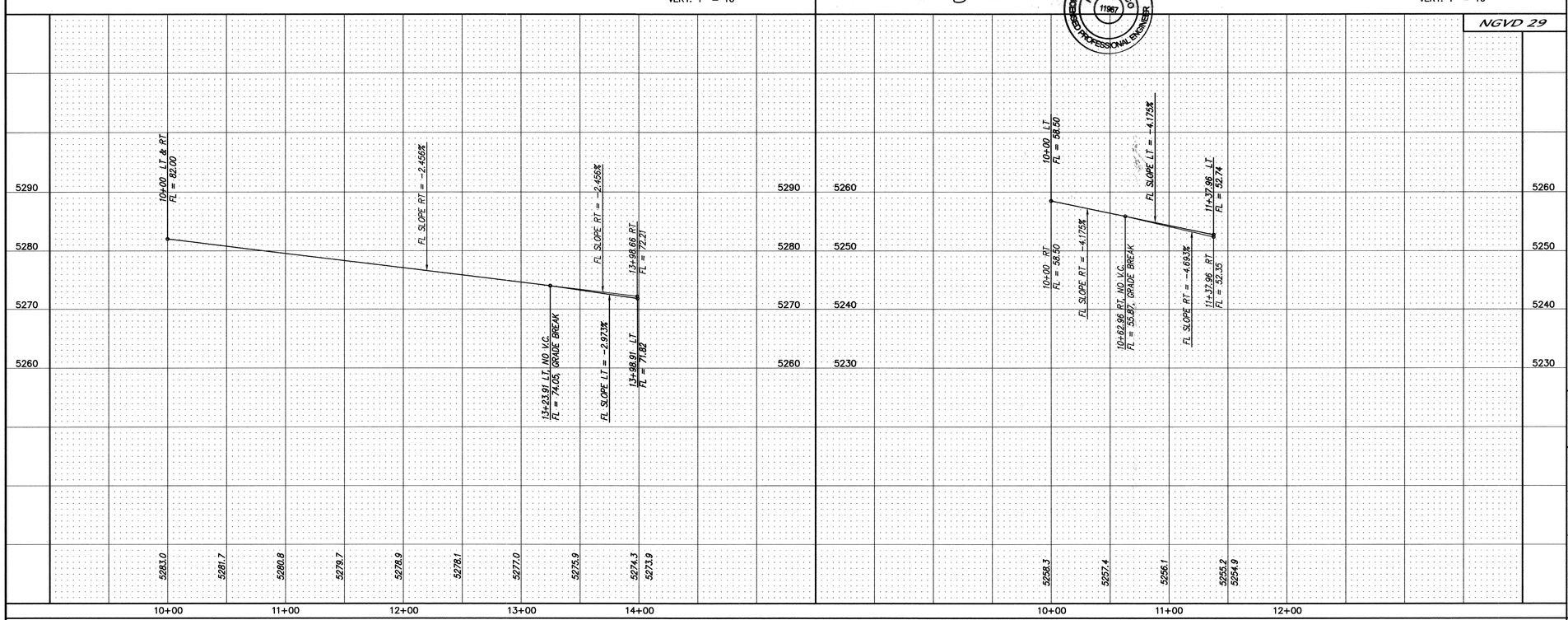
PT. ELEV.
1 QT PT
2 QT PT
3 QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

⑮ Δ = 85°08'38" R = 25.00 T = 22.97 L = 37.15
⑯ Δ = 39°29'58" R = 133.00 T = 47.75 L = 91.69
⑰ Δ = 88°58'01" R = 25.00 T = 24.55 L = 38.82
⑱ Δ = 177°56'03" R = 40.00 T = 2218.42 L = 124.22
⑲ Δ = 88°58'01" R = 25.00 T = 24.55 L = 38.82
⑳ Δ = 39°29'58" R = 107.00 T = 38.42 L = 73.77
㉑ Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27
㊸ Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27
㊹ Δ = 9°35'11" R = 309.01 T = 25.91 L = 51.70
㊺ Δ = 9°34'42" R = 284.00 T = 23.79 L = 47.48
㊻ Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27

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



A04JOBS/A4046SS/Unit 5/Tephra-Lahar-PP10 3-28-05 TAS RDQ

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 0 6
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1998". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

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

REVISIONS
NO. DATE REMARKS BY
DESIGN
DESIGNED BY DLH DATE 3/05
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05

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: SUNDORO SOUTH - UNIT 5
TEPHRA AVENUE N.W./ LAHAR AVENUE N.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 727084 ZONE MAP NO. J-8/9 SHEET 11 OF 27

RECORD DRAWINGS

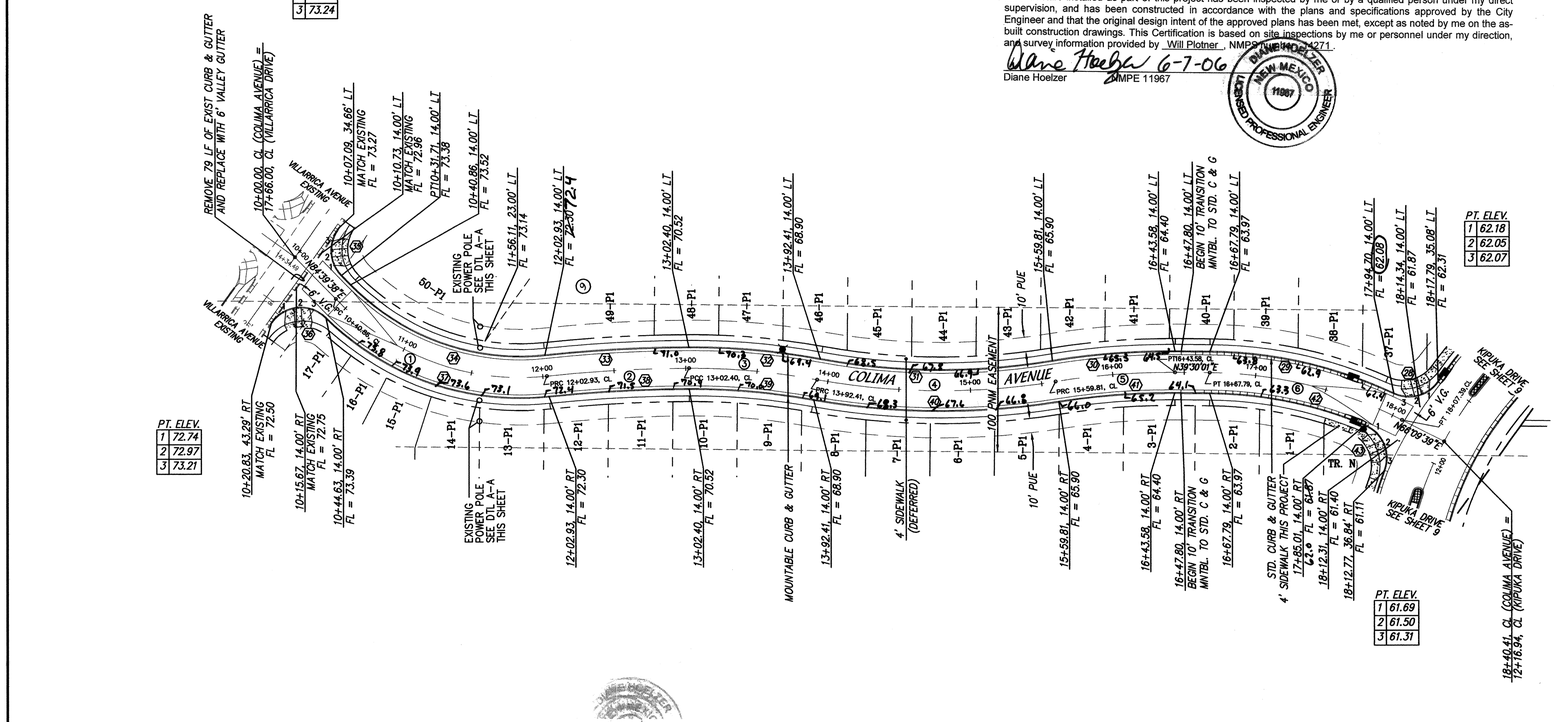
SCANNED BY PLANNING

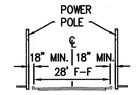
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 Will Plotner, NMPS 12271.

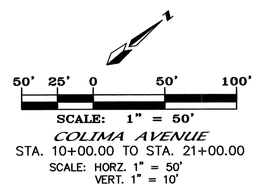
Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

NEW MEXICO 11967 DIANE HOELZER LICENSED PROFESSIONAL ENGINEER





POWER POLE CROSS SECTION A-A
NTS



COLIMA AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

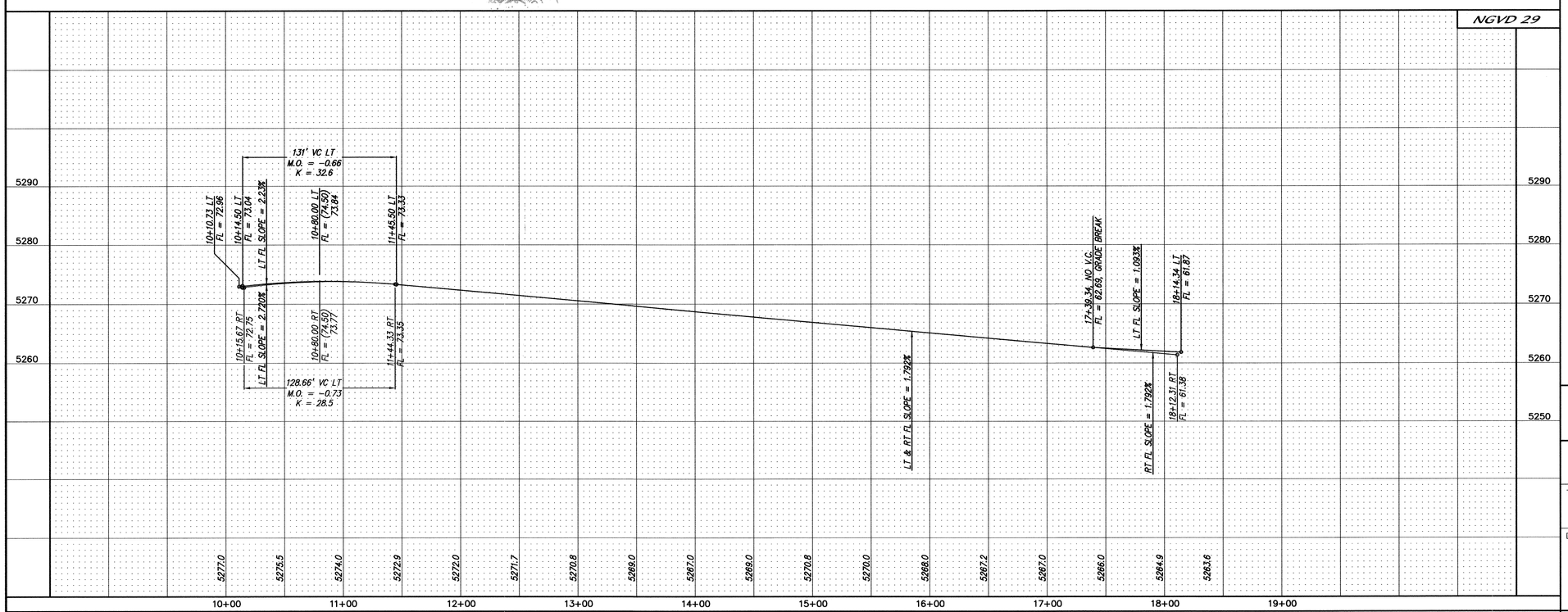
① Δ = 51°35'20" R = 180.00' L = 162.07' T = 86.99'	② Δ = 05°41'58" R = 1000.00' L = 99.47' T = 49.78'	③ Δ = 10°18'51" R = 500.00' L = 90.01' T = 45.13'
④ Δ = 19°11'00" R = 500.00' L = 167.41' T = 84.49'	⑤ Δ = 09°35'55" R = 500.00' L = 83.76' T = 41.98'	⑥ Δ = 26°39'38" R = 300.00' L = 139.59' T = 71.08'

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(28) Δ = 79°15'54" R = 25.00 T = 20.71 L = 34.59	(29) Δ = 24°14'16" R = 314.00 T = 67.42 L = 132.83	(30) Δ = 9°35'55" R = 514.00 T = 43.16 L = 86.11
(31) Δ = 19°11'00" R = 486.00 T = 82.13 L = 162.72	(32) Δ = 10°18'51" R = 514.00 T = 46.39 L = 92.53	(33) Δ = 5°41'58" R = 1014.00 T = 50.47 L = 100.87
(34) Δ = 51°35'20" R = 166.00 T = 80.23 L = 149.47	(35) Δ = 80°00'00" R = 25.00 T = 20.98 L = 34.91	(36) Δ = 98°48'01" R = 25.00 T = 29.17 L = 43.11
(37) Δ = 50°23'12" R = 194.00 T = 91.26 L = 170.61	(38) Δ = 5°41'58" R = 986.00 T = 49.08 L = 98.08	(39) Δ = 10°18'51" R = 486.00 T = 43.86 L = 87.49
(40) Δ = 19°11'00" R = 514.00 T = 86.86 L = 172.09	(41) Δ = 9°35'55" R = 486.00 T = 40.80 L = 81.42	(42) Δ = 22°23'10" R = 286.00 T = 56.59 L = 111.74
(43) Δ = 87°39'12" R = 25.00 T = 24.00 L = 38.25	(106) Δ = 180°00'00" R = 3.00 T = 50.00 L = 9.43	(109) Δ = 180°00'12" R = 2.00 T = 50.00 L = 6.28

PT. ELEV.
1 QT PT
2 QT PT
3 QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.



A04JOBS/A4046SS/Unit 5/COLIMA-PP11 3-28-05 TAS RDQ

AS BUILT INFORMATION

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

BENCH MARKS

STATION 7NEWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (90TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PN 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED 7NEWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND

X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.931 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 4-25-05

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH - UNIT 5
COLIMA AVENUE
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE	APPROVED JUL 15 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	12	27

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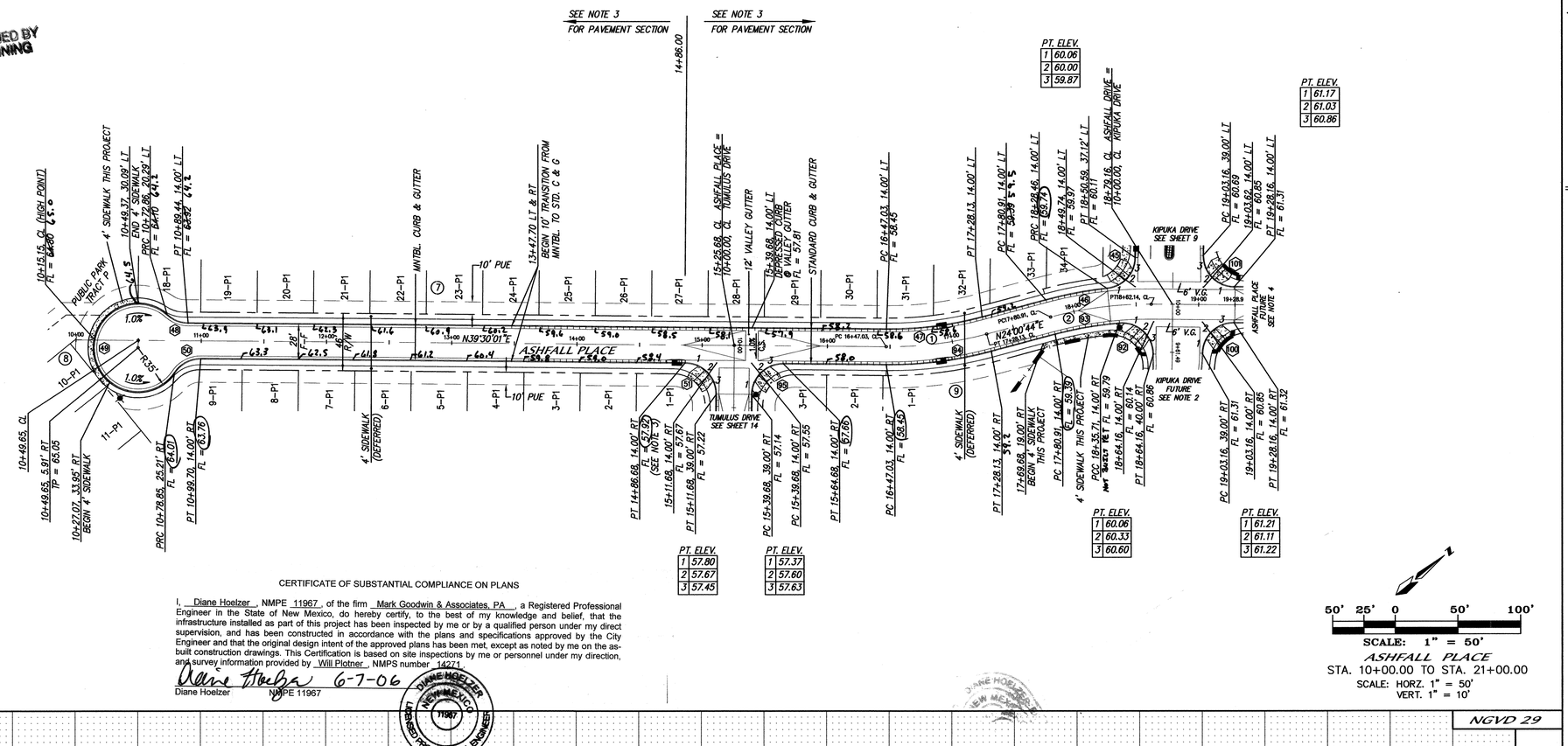


ASHFALL PLACE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. BUILD VALLEY GUTTER AND CURB RETURNS ONLY. PLACE TEMPORARY TYPE III BARRICADES, IF NECESSARY.
3. FROM END OF CUL-DE-SAC TO STA 14+86 USE (2) 1 1/2" A.C. (TYPE "A") AND FROM STA 14+86 TO STA 19+28 USE (2) 2" A.C. (TYPE "B"). SEE MASTER PAVING FOR MORE DETAIL.
4. CONSTRUCT CUT OFF WALL ACROSS PAVEMENT EDGE AND PLACE TEMPORARY TYPE III BARRICADES, IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

① Δ = 15°29'17" R = 300.00' L = 81.10' T = 40.80'

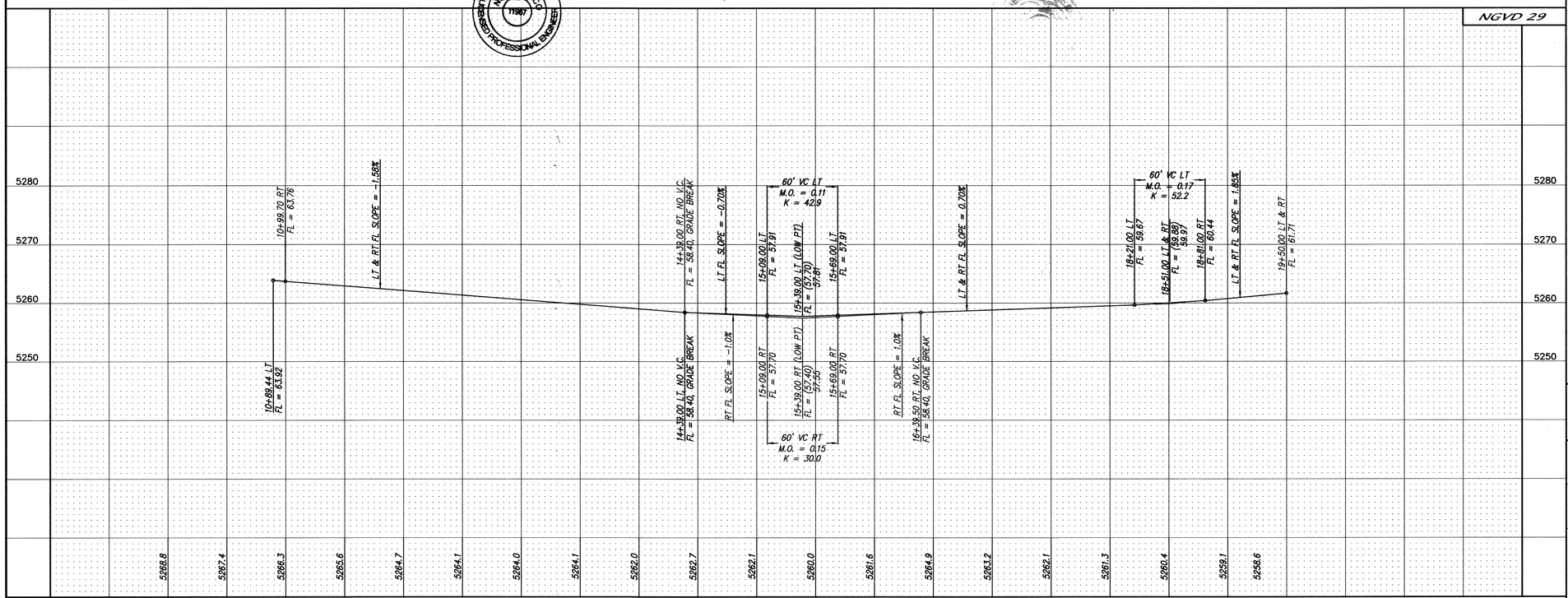
② Δ = 19°05'55" R = 300.00' L = 81.23' T = 40.87'

PT. ELEV.	
1	QT PT
2	QT PT
3	QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

45	Δ = 83°34'04" R = 25.00 T = 22.34 L = 36.46	46	Δ = 09°04'54" R = 314.00 T = 24.94 L = 49.77
47	Δ = 15°29'17" R = 286.00 T = 38.89 L = 77.31	48	Δ = 41°32'29" R = 25.00 T = 9.48 L = 18.13
49	Δ = 278°04'11" R = 35.00 T = 30.39 L = 169.86	50	Δ = 56°31'42" R = 25.00 T = 13.44 L = 24.67
51	Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27	92	Δ = 95°01'35" R = 25.00 T = 27.30 L = 41.46
93	Δ = 10°26'50" R = 286.00 T = 26.15 L = 52.15	94	Δ = 15°29'17" R = 314.00 T = 42.70 L = 84.88
95	Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27	100	Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27
101	Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27		



A04JOBS/A4046SS/Unit 5/ASHFALL–PP12 3–28–05 TAS RDQ

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

Will Plotner

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 4-26-05

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 06
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 06
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH. ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DLH DATE 3/05
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05

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: SUNDORO SOUTH - UNIT 5
ASHFALL PLACE
PAVING IMPROVEMENTS

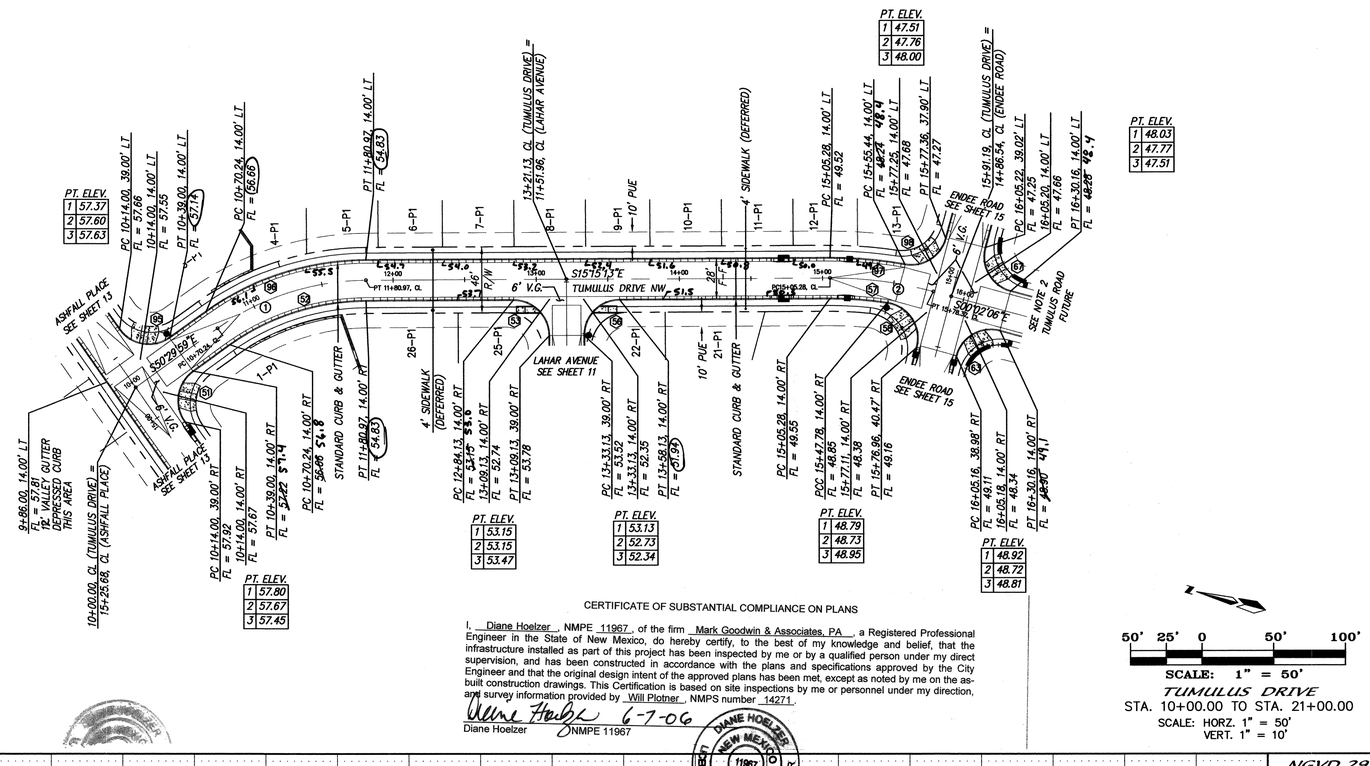
DESIGN REVIEW COMMITTEE: APPROVE JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVE JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 13 OF 27

F:\A04JOBS\A4046SS\Unit 5\ASHFALL-PP12.dwg, 3/28/2005 11:51:30 AM, MARK GOODWIN & ASSOCIATES, PLOTTED BY: RDQ

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 Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

50' 25' 0 50' 100'
SCALE: 1" = 50'
TUMULUS DRIVE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. BUILD VALLEY GUTTER AND CURB RETURNS ONLY AND PLACE TEMP. TYPE III BARRICADE IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 35°14'26" R = 180.00' L = 110.23' T = 111.67'
(2) Δ = 15°13'07" R = 275.00' T = 73.04' L = 73.04' T = 36.74'

PT. ELEV. 1 QT PT 2 QT PT 3 QT PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(51) Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27	(52) Δ = 35°14'46" R = 166.00 T = 52.73 L = 102.12	(53) Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27
(56) Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27	(57) Δ = 8°51'13" R = 261.00 T = 20.21 L = 40.33	(58) Δ = 96°24'32" R = 25.00 T = 27.97 L = 42.07
(63) Δ = 89°57'22" R = 25.00 T = 24.98 L = 39.25	(67) Δ = 90°02'31" R = 25.00 T = 25.02 L = 39.29	(95) Δ = 90°00'00" R = 25.00 T = 25.00 L = 39.27
(96) Δ = 35°14'46" R = 194.00 T = 61.63 L = 119.34	(97) Δ = 10°27'00" R = 289.00 T = 26.43 L = 52.71	(98) Δ = 85°11'15" R = 25.00 T = 22.98 L = 37.17

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

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 06
INSPECTOR'S NOTES BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 06
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "RETWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "RETWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 6-25-05

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN	DLH	3/05
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
TUMULUS DRIVE
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

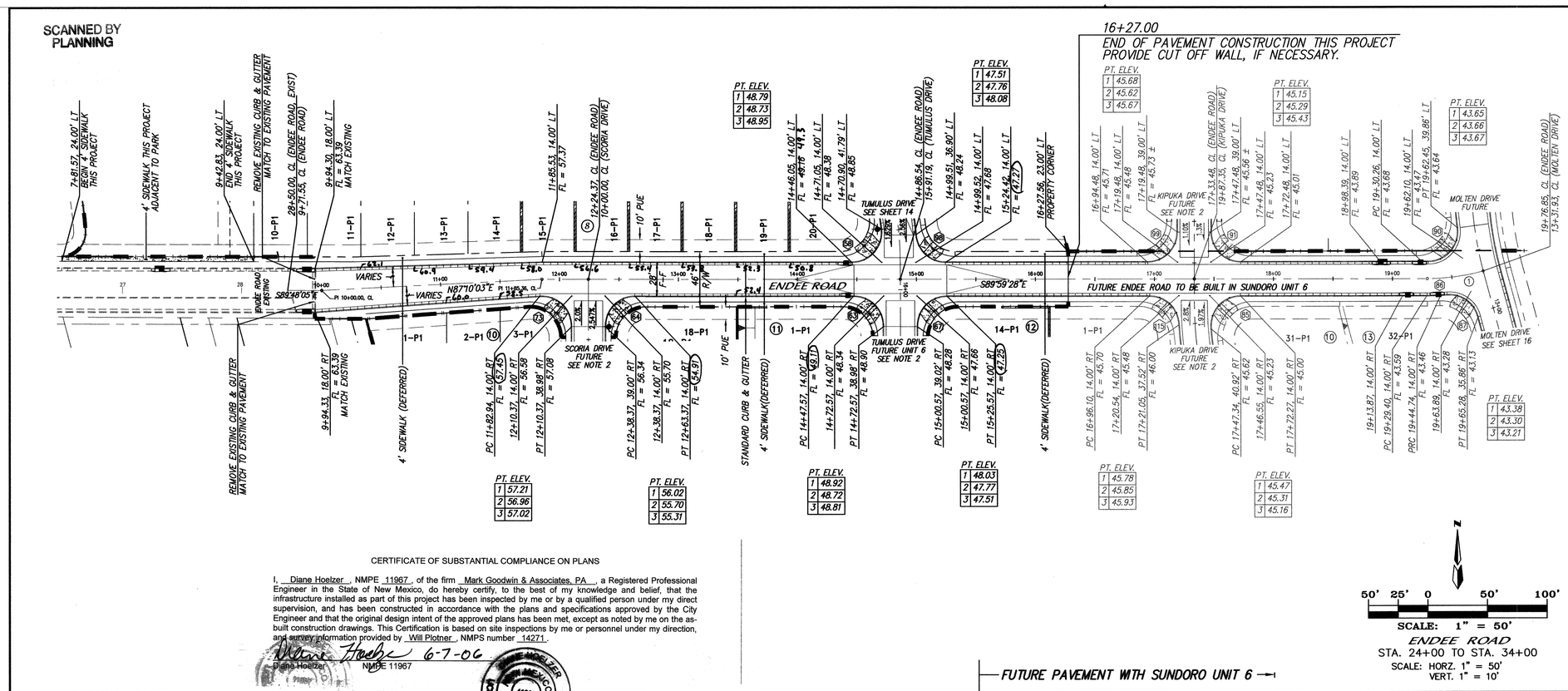
CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 14 OF 27

A04JOBS/A4046SS/Unit 5/TUMULUS-PP13 3-28-05 TAS RDQ

F:\A04JOBS\A4046SS\Unit 5\TUMULUS-PP13.dwg, 3/28/2005 11:44:46 AM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ

RECORD DRAWINGS

SCANNED BY PLANNING



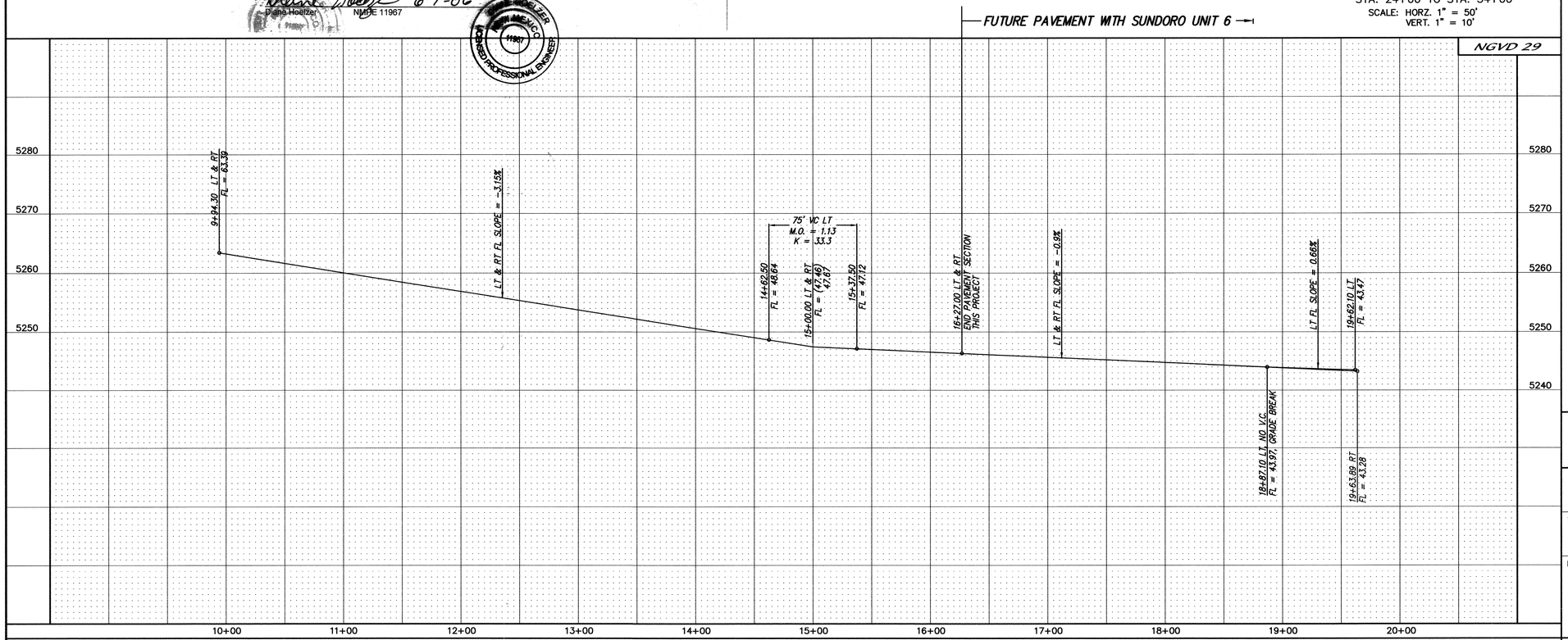
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 Will Plotner , NMPS number 14271 .

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

SCALE: 1" = 50'
ENDEE ROAD
STA. 24+00 TO STA. 34+00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A04JOBS/A4046SS/Unit 5/ENDEE-PP14 3-28-05 TAS RDQ

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. BUILD VALLEY GUTTER & CURB RETURNS ONLY AND INSTALL TEMPORARY TYPE III BARRICADES, IF NECESSARY.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 15°06'10"
R = 180.00'
L = 47.45'
T = 23.86'

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(58) Δ = 96°24'32" R = 25.00 T = 27.97 L = 42.07
(63) Δ = 89°57'22" R = 25.00 T = 24.98 L = 39.25
(64) Δ = 90°02'38" R = 25.00 T = 25.02 L = 39.29
(67) Δ = 90°02'31" R = 25.00 T = 25.02 L = 39.29
(73) Δ = 93°55'16" R = 25.00 T = 26.77 L = 40.98
(85) Δ = 94°21'23" R = 25.01 T = 26.99 L = 41.19
(86) Δ = 4°52'51" R = 194.00 T = 8.27 L = 16.53
(87) Δ = 79°32'13" R = 25.00 T = 20.81 L = 34.70
(90) Δ = 97°26'07" R = 25.00 T = 28.47 L = 42.51
(91) Δ = 89°58'56" R = 25.00 T = 24.99 L = 39.26
(98) Δ = 85°11'15" R = 25.00 T = 22.98 L = 37.17
(99) Δ = 90°01'04" R = 25.00 T = 25.01 L = 39.28
(115) Δ = 180°00'00" R = 24.99 T = 23.57 L = 37.79

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

Will Plotner

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION
CONTRACTOR: Cartesian Surveys Inc. DATE FEB 06
STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 06
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REMARKS
REVISIONS
NO. DATE BY

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
ENDEE ROAD
PAVING IMPROVEMENTS

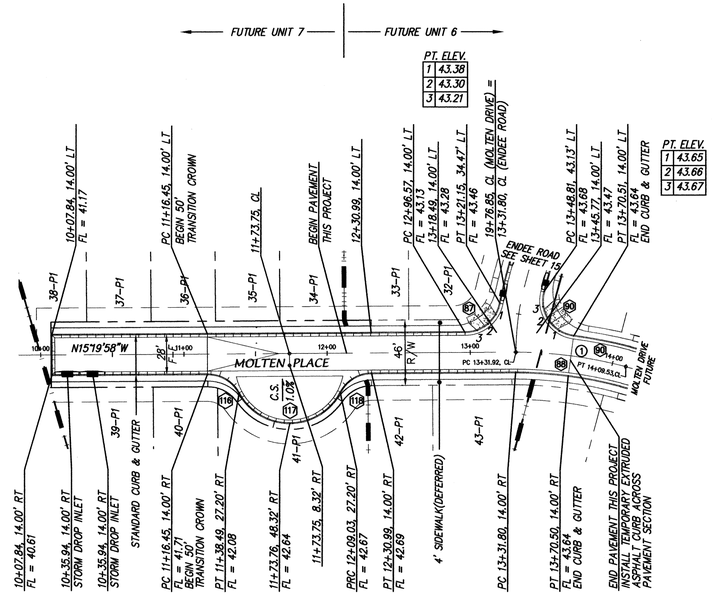
DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 15 OF 27

F:\A04JOBS\A4046SS\Unit 5\ENDEE-PP14.dwg, 3/28/2005 11:32:17 AM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ

RECORD DRAWINGS

SCANNED BY PLANNING



MOLTEN PLACE PAVING PROFILE
TO BE BUILT WITH SUNDORO UNIT 6

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

MOLTEN PLACE N.W.
STA. 10+00.00 TO STA. 17+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.

CURVE DATA – DESCRIBES CENTERLINE

(1) Δ = 14°49'14"
R = 300.00'
L = 77.60'
T = 39.02'

PT. ELEV.
1 0T PT
2 0T PT
3 0T PT

ALL QUARTER POINTS ARE CLOCKWISE ROTATION AT CURB RETURN.

CURVE DATA – DESCRIBES FACE OF CURB RETURNS

(87) Δ = 79°32'13"
R = 25.00
T = 20.81
L = 34.70

(88) Δ = 14°46'53"
R = 286.76
T = 37.20
L = 73.98

(89) Δ = 7°27'08"
R = 313.99
T = 20.45
L = 40.84

(90) Δ = 97°26'07"
R = 25.00
T = 28.47
L = 42.51

(116) Δ = 61°50'42"
R = 25.00
T = 14.98
L = 26.99

(117) Δ = 123°41'25"
R = 40.00
T = 74.74
L = 86.35

(118) Δ = 61°50'42"
R = 25.00
T = 14.98
L = 26.99

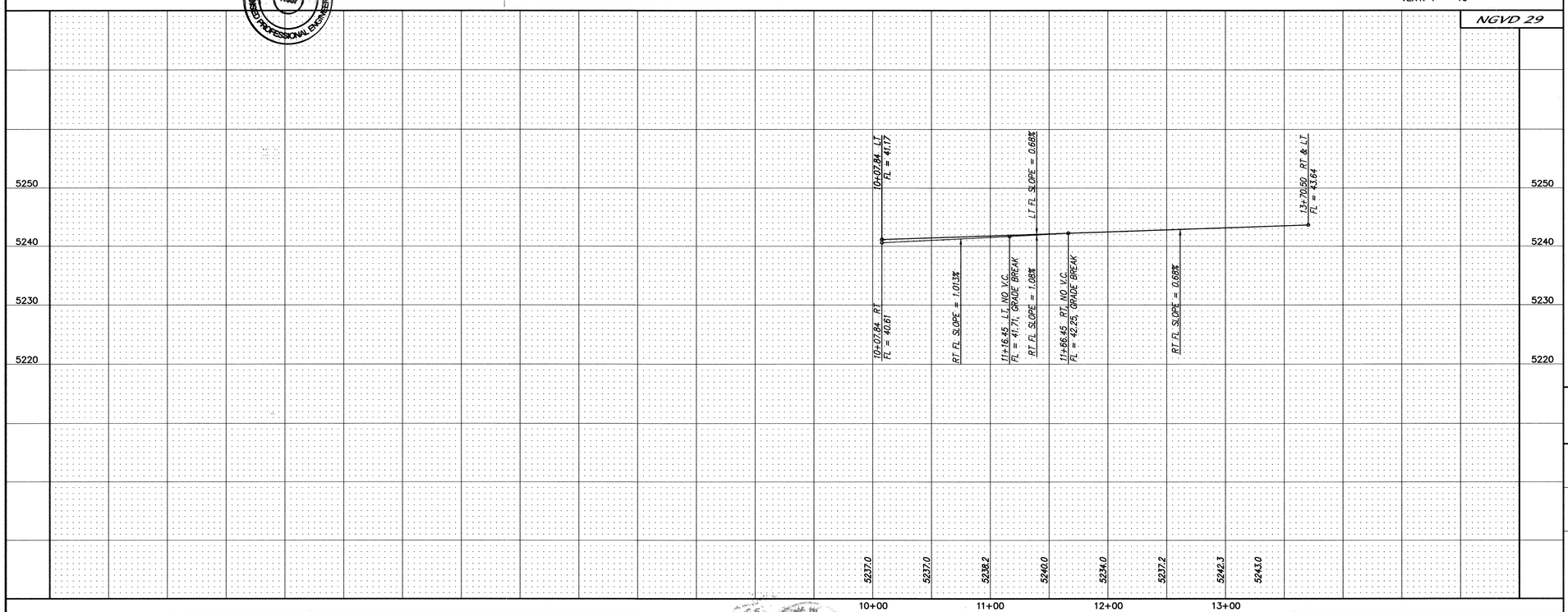
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14071.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

THIS SHEET IS FOR INFORMATION ONLY



A04JOBS/A4046SS/Unit 5/MOLTEN–PP15 3–28–05 TAS RDQ

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Cartesian Surveys Inc.	DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Cartesian Surveys Inc.	DATE FEB 0 6
DRAWINGS CORRECTED BY		DATE

MICRO–FILM INFORMATION

RECORDED BY		DATE
NO.		

BENCH MARKS

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH. ST. ON I.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I–40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1998". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND

X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER 5-25-06

NO.	DATE	REMARKS	BY

REVISIONS

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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.

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: SUNDORO SOUTH - UNIT 5
MOLTEN PLACE N.W.
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
	APPROVED JUL 15 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	16	27

F:\A04JOBS\A4046SS\Unit 5\MOLTEN-PP15.dwg, 3/28/2005 11:26:28 AM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ

SCANNED BY PLANNING

RECORD DRAWINGS

LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- DW — NEW DRIVEWAY
- NEW STORM DRAIN INLET
- EXISTING STORM DRAIN INLET
- 1234 — NEW ADDRESS
- NEW STREET LIGHT LOCATION
- 18"SD — NEW STORM SEWER
- 18"SD — EXISTING STORM SEWER
- 8"SAS — NEW SANITARY SEWER
- EX 8"SAS — EXISTING SANITARY SEWER
- SDMH#1 — NEW SANITARY SEWER MANHOLE
- 6"WL — NEW WATERLINE
- NEW WATERLINE CROSS
- NEW WATERLINE TEE
- NEW WATERLINE REDUCER
- NEW WATERLINE CAP
- NEW WATERLINE BEND
- NEW FIRE HYDRANT
- NEW GATE VALVE
- NEW SINGLE WATERLINE SERVICE
- NEW DOUBLE WATERLINE SERVICE
- S — NEW SANITARY SERVICE
- RED STAMPED CONCRETE
- SDMH#1 — NEW STORM DRAIN MANHOLE

NOTES

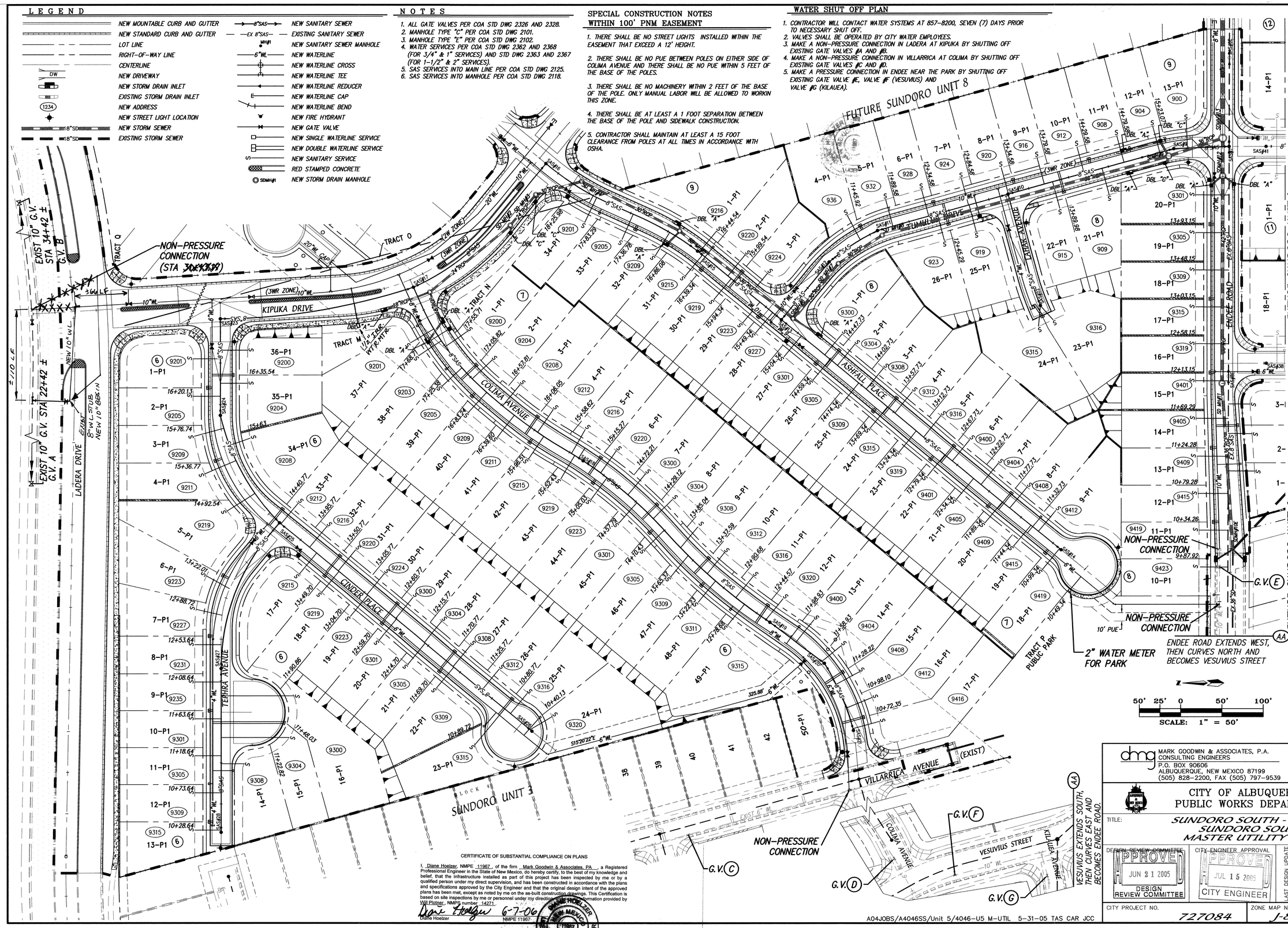
1. ALL GATE VALVES PER COA STD DWG 2326 AND 2328.
2. MANHOLE TYPE "C" PER COA STD DWG 2101.
3. MANHOLE TYPE "E" PER COA STD DWG 2102.
4. WATER SERVICES PER COA STD DWG 2362 AND 2368 (FOR 3/4" & 1" SERVICES) AND STD DWG 2363 AND 2367 (FOR 1-1/2" & 2" SERVICES).
5. SAS SERVICES INTO MAIN LINE PER COA STD DWG 2125.
6. SAS SERVICES INTO MANHOLE PER COA STD DWG 2118.

SPECIAL CONSTRUCTION NOTES WITHIN 100' PNM EASEMENT

1. THERE SHALL BE NO STREET LIGHTS INSTALLED WITHIN THE EASEMENT THAT EXCEED A 12' HEIGHT.
2. THERE SHALL BE NO PUE BETWEEN POLES ON EITHER SIDE OF COLIMA AVENUE AND THERE SHALL BE NO PUE WITHIN 5 FEET OF THE BASE OF THE POLES.
3. THERE SHALL BE NO MACHINERY WITHIN 2 FEET OF THE BASE OF THE POLE. ONLY MANUAL LABOR WILL BE ALLOWED TO WORKIN THIS ZONE.
4. THERE SHALL BE AT LEAST A 1 FOOT SEPARATION BETWEEN THE BASE OF THE POLE AND SIDEWALK CONSTRUCTION.
5. CONTRACTOR SHALL MAINTAIN AT LEAST A 15 FOOT CLEARANCE FROM POLES AT ALL TIMES IN ACCORDANCE WITH OSHA.

WATER SHUT OFF PLAN

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, SEVEN (7) DAYS PRIOR TO NECESSARY SHUT OFF.
2. VALVES SHALL BE OPERATED BY CITY WATER EMPLOYEES.
3. MAKE A NON-PRESSURE CONNECTION IN LADERA AT KIPUKA BY SHUTTING OFF EXISTING GATE VALVES #A AND #B.
4. MAKE A NON-PRESSURE CONNECTION IN VILLARRICA AT COLIMA BY SHUTTING OFF EXISTING GATE VALVES #C AND #D.
5. MAKE A PRESSURE CONNECTION IN ENDEE NEAR THE PARK BY SHUTTING OFF EXISTING GATE VALVE #E, VALVE #F (VESUVIUS) AND VALVE #G (KILAUEA).



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 information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

A04JOBS/A4046SS/Unit 5/4046-U5 M-UTIL 5-31-05 TAS CAR JCC

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Carlbertson Surveyors Inc.	DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY	Carlbertson Surveyors Inc.	DATE FEB 0 6
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND

X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

ENGINEER'S SEAL

DIANE HOELZER — NEW MEXICO — 11967 — REGISTERED PROFESSIONAL ENGINEER — 6-5-06

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
SUNDORO SOUTH
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE	APPROVED JUL 15 2005 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727084	J-8/9	17	27

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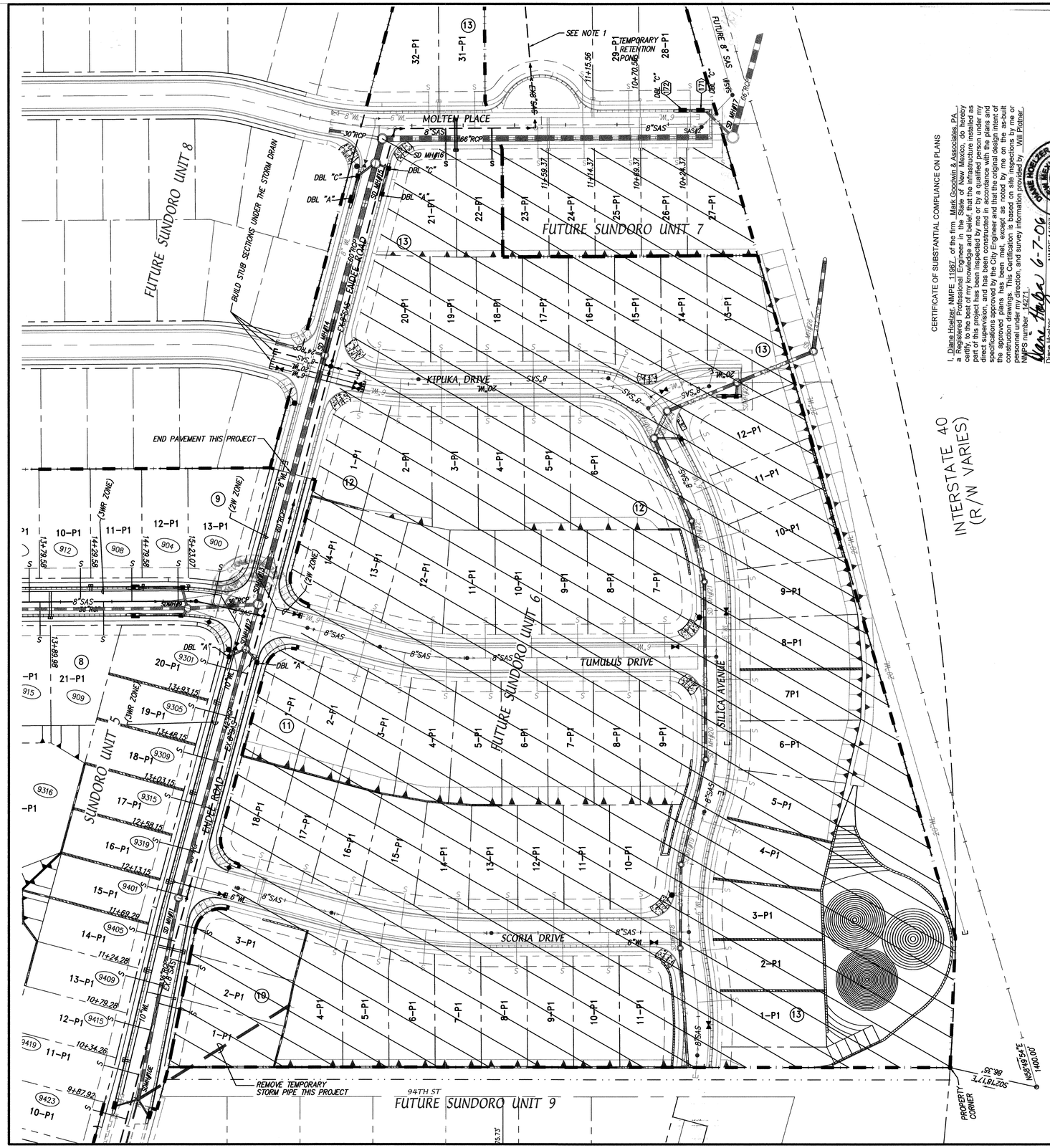
RECORD DRAWINGS

SCANNED BY PLANNING



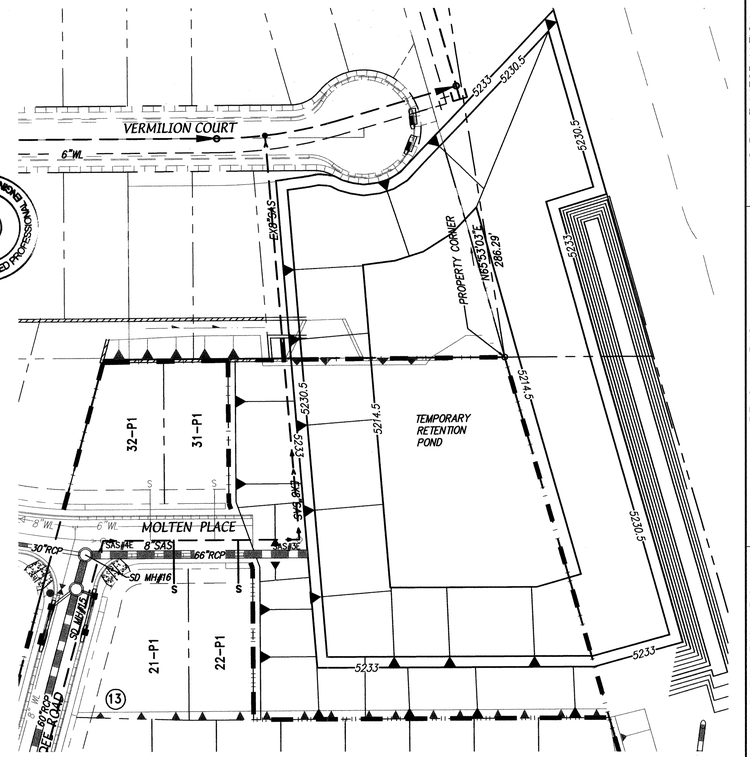
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 the project has been inspected by me or by a qualified person under my direct supervision, and has been constructed substantially as shown on the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS license number 14522.

Diane Hoelzer, NMPE 11967

Diane Hoelzer

NEW MEXICO DIANE HOELZER 11967 LICENSED PROFESSIONAL ENGINEER



TEMPORARY POND (DURING UNIT 5 CONSTRUCTION)

NOTES

1. THIS IS A TEMPORARY EXISTING SANITARY SEWER CONNECTION. THIS WILL BE USED AS LONG AS TEMPORARY POND IS REQUIRED. WHEN POND IS FILLED IN, THE PERMANENT SAS LINE TO THE SOUTH & EAST WILL BE CONSTRUCTED TO A NEW OUTFALL LOCATION.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

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

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
4"	12'	5'	2'	1'	32'
6"	17'	7'	3'	2'	46'
12"	30'	12'	6'	3'	85'

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

RESTRAINED JOINT LENGTHS FOR REDUCERS (FT.)

PIPE SIZE	LARGE SIDE	SMALL SIDE
6" X 4"	24'	85'
12" X 6"	62'	121'

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
12"x12"x12"	18'	3'
6"x6"x6"	10'	2'
6"x6"x4"	24'	85'

LEGEND

- NEW MOUNTABLE CURB AND GUTTER
- NEW STANDARD CURB AND GUTTER
- LOT LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- DW DRIVEWAY
- STORM DRAIN INLET THIS PROJECT
- EXISTING STORM DRAIN INLET
- 18"SD EXISTING STORM SEWER
- NEW ADDRESS
- NEW STREET LIGHT LOCATION
- 18"SD NEW STORM DRAIN LINE
- SDMH#1 NEW STORM DRAIN MANHOLE
- 8"SAS NEW SANITARY SEWER LINE
- MH#1 NEW SANITARY SEWER MANHOLE
- EXISTING SAS
- 6"WL NEW WATERLINE
- NEW WATERLINE CROSS
- NEW WATERLINE TEE
- NEW WATERLINE REDUCER
- NEW WATERLINE CAP
- NEW WATERLINE BEND
- NEW FIRE HYDRANT
- NEW GATE VALVE

50' 25' 0 50' 100'

SCALE: 1" = 50'

A04JOBS/A4046SS/Unit 5/4046-U5 M-UTIL 6-03-05 TAS CAR

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

BENCH MARKS

STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND

X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.651 (NGVD)

AS BUILT INFORMATION

CONTRACTOR WORK STAKED BY	Centerline Surveys Inc.	DATE FEB 0 6
INSPECTOR'S FIELD NOTES BY		DATE
FIELD VERIFICATION BY	Centerline Surveys Inc.	DATE FEB 0 6
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

NEW MEXICO DIANE HOELZER 11967 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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: SUNDORO SOUTH - UNIT 5
SUNDORO SOUTH
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE: APPROVE JUN 21 2005 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVE JUL 15 2005 CITY ENGINEER

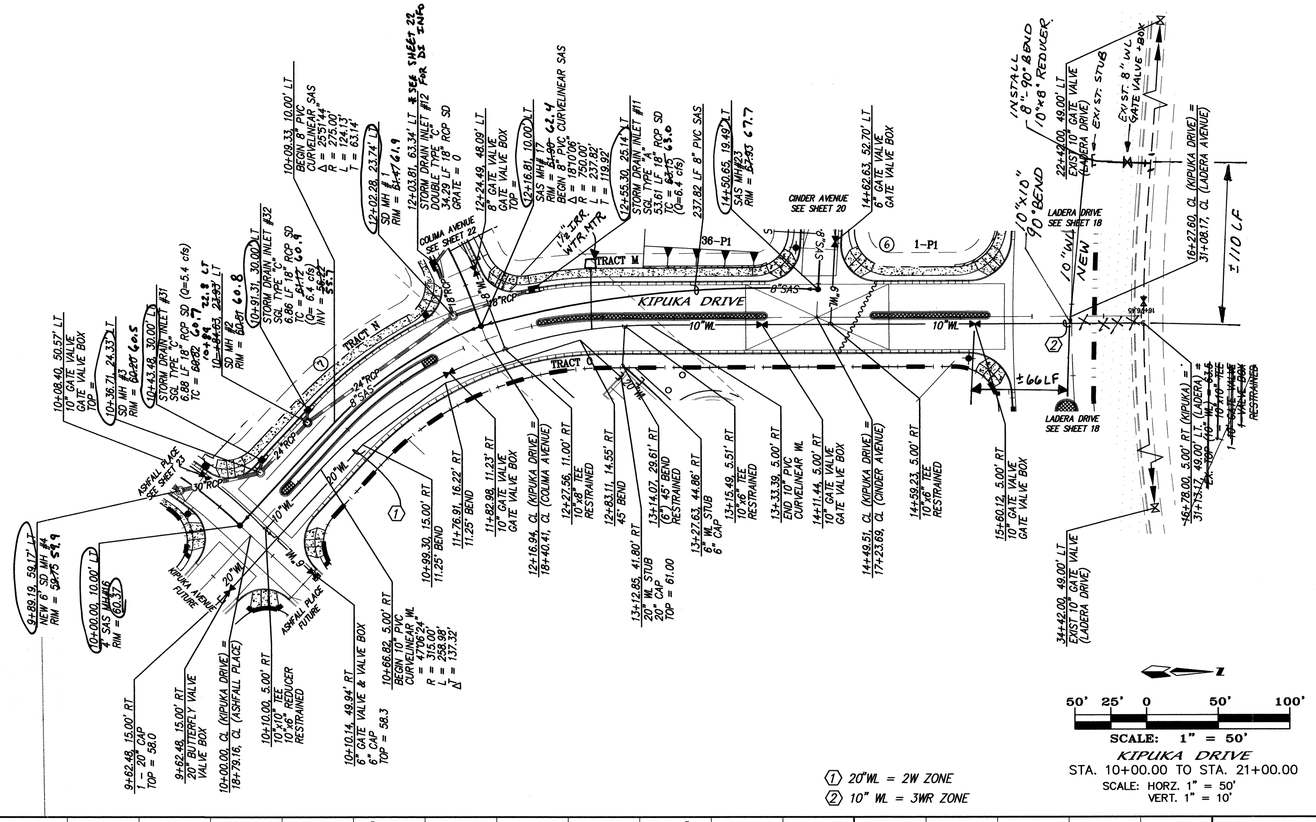
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 18 OF 27

F:\A04JOBS\A4046SS\Unit 5\4046-U5 M-UTIL.dwg, 6/3/2005 3:11:47 PM, charles

RECORD DRAWINGS

SCANNED BY PLANNING



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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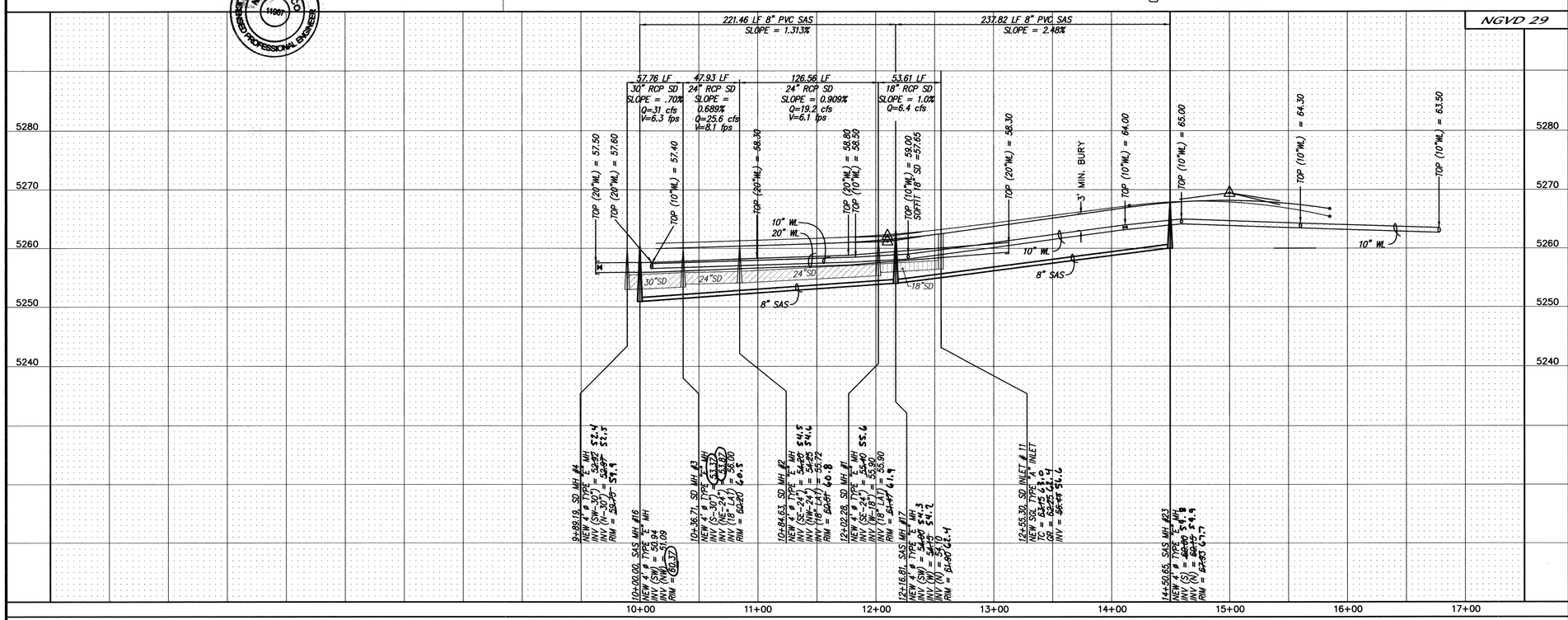
Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER



A04JOBS/A4046SS/Unit 5/KIPUKA-UP19 5-31-05 RDQ TAS CAR

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

STORM DRAIN SUMMARY TABLE

LOCATION	INVERT	GRD ELEV	HGL
MH 4	52.97	59.75	57.05
MH 3	53.37	60.20	57.31
MH 2	54.25	60.73	58.66
MH 1	55.90	61.47	59.77

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

Will Plotner

AS BUILT INFORMATION
CONTRACTOR
STAKED BY Cartesian Surveys Inc. DATE FEB 04
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 04
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON I.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1997". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER REGISTERED
6-3-05

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DLH DATE 3/05
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05

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: SUNDORO SOUTH - UNIT 5
KIPUKA DRIVE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 19 OF 27

F:\A04JOBS\A4046SS\Unit 5\KIPUKA-UP19.dwg, 5/31/2005 10:54:05 AM, charles

SCANNED BY PLANNING

RECORD DRAWINGS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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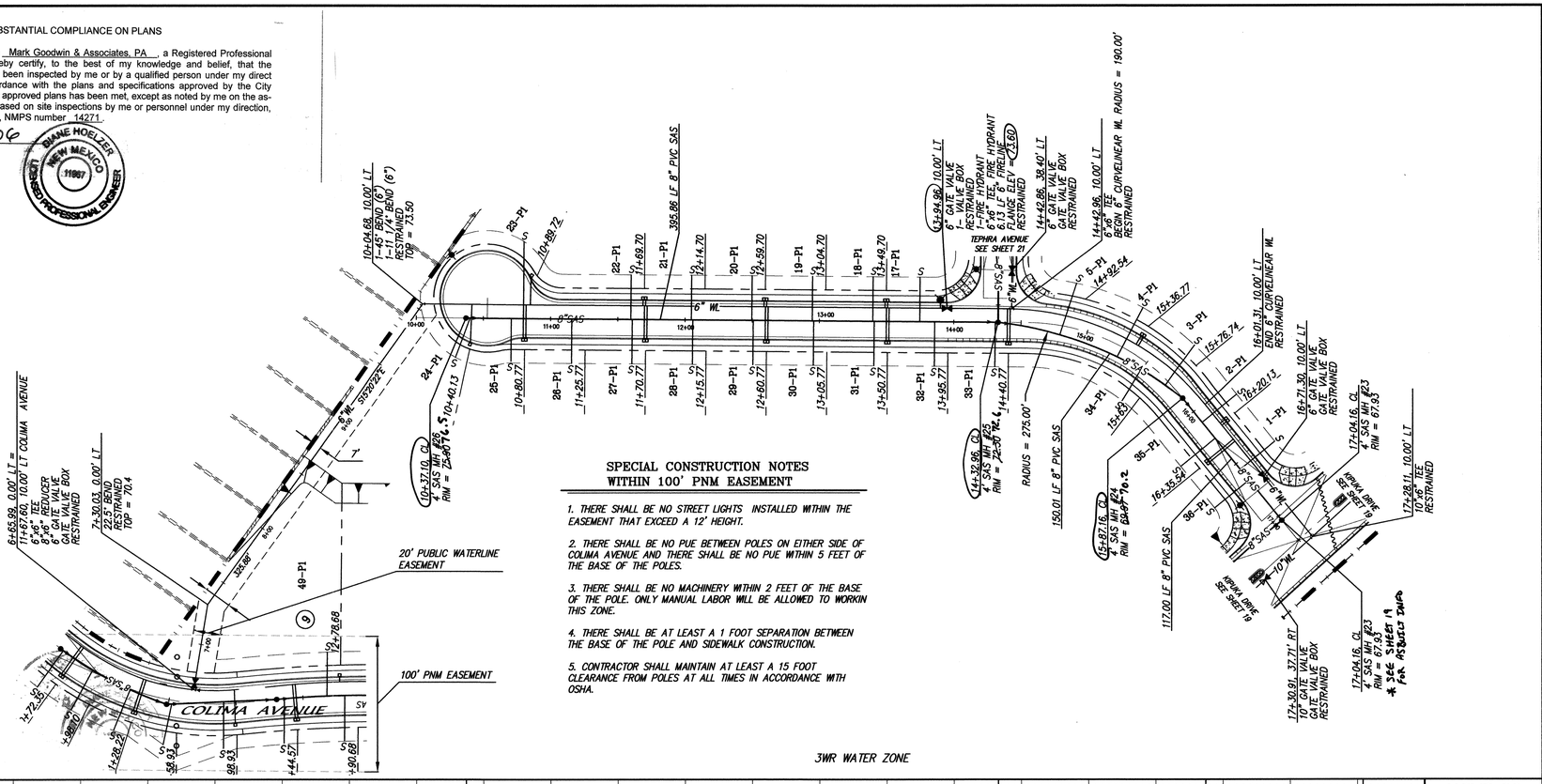
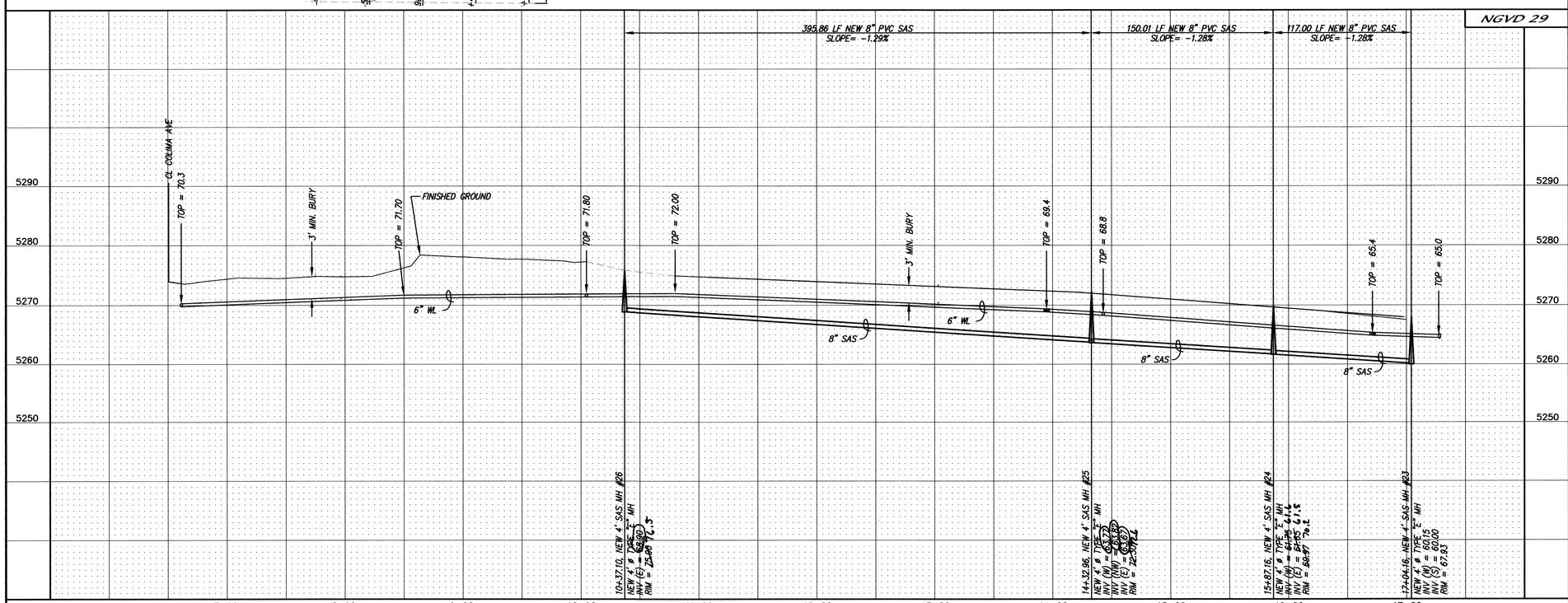
Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER



SPECIAL CONSTRUCTION NOTES WITHIN 100' PNM EASEMENT

1. THERE SHALL BE NO STREET LIGHTS INSTALLED WITHIN THE EASEMENT THAT EXCEED A 12' HEIGHT.
2. THERE SHALL BE NO PUE BETWEEN POLES ON EITHER SIDE OF COLIMA AVENUE AND THERE SHALL BE NO PUE WITHIN 5 FEET OF THE BASE OF THE POLES.
3. THERE SHALL BE NO MACHINERY WITHIN 2 FEET OF THE BASE OF THE POLE. ONLY MANUAL LABOR WILL BE ALLOWED TO WORKIN THIS ZONE.
4. THERE SHALL BE AT LEAST A 1 FOOT SEPARATION BETWEEN THE BASE OF THE POLE AND SIDEWALK CONSTRUCTION.
5. CONTRACTOR SHALL MAINTAIN AT LEAST A 15 FOOT CLEARANCE FROM POLES AT ALL TIMES IN ACCORDANCE WITH OSHA.



NOTES

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2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
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4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

SANITARY SEWER SERVICES SHT 20

BLOCK	LOT	STATION	INV. ELEV.	LENGTH
6	1–P1	1655.13	63.46	33.00'
6	2–P1	1610.13	64.34	33.00'
6	3–P1	1571.30	64.93	36.44'
6	4–P1	1528.41	65.58	40.97'
6	5–P1	1480.14	66.31	39.94'
6	17–P1	1374.70	67.59	33.00'
6	18–P1	1339.70	67.87	33.00'
6	19–P1	1294.70	68.24	33.00'
6	20–P1	1249.70	68.61	33.00'
6	21–P1	1204.70	68.98	33.00'
6	22–P1	1159.70	69.35	33.00'

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 Plotner

SANITARY SEWER SERVICES

BLOCK	LOT	STATION	INV. ELEV.	LENGTH
~~9~~	~~1–P1~~	~~1655.13~~	~~64.87~~	~~33.00'~~
~~9~~	~~2–P1~~	~~1610.13~~	~~65.44~~	~~33.00'~~
~~9~~	~~3–P1~~	~~1571.30~~	~~65.61~~	~~36.44'~~
~~9~~	~~4–P1~~	~~1528.41~~	~~65.15~~	~~40.97'~~
~~9~~	~~5–P1~~	~~1480.14~~	~~64.87~~	~~39.94'~~
~~9~~	~~17–P1~~	~~1374.70~~	~~68.[illegible]~~	~~33.00'~~
~~9~~	~~18–P1~~	~~1339.70~~	~~69.06~~	~~33.00'~~
~~9~~	~~19–P1~~	~~1294.70~~	~~69.64~~	~~33.00'~~
~~9~~	~~20–P1~~	~~1249.70~~	~~70.80~~	~~33.00'~~
~~9~~	~~21–P1~~	~~1204.70~~	~~64.87~~	~~33.00~~
~~9~~	~~22–P1~~	~~1159.70~~	~~71.39~~	~~33.00'~~
~~9~~	~~23–P1~~	~~1079.67~~	~~72.90~~	~~57.04'~~
~~9~~	~~24–P1~~	~~1040.10~~	~~64.87~~	~~31.11'~~
~~9~~	~~25–P1~~	~~1070.77~~	~~72.51~~	~~31.80'~~
~~9~~	~~26–P1~~	~~1115.77~~	~~71.95~~	~~33.00'~~
~~9~~	~~27–P1~~	~~1160.77~~	~~71.37~~	~~33.00'~~
~~9~~	~~28–P1~~	~~1205.77~~	~~70.79~~	~~33.00'~~
~~9~~	~~29–P1~~	~~1250.77~~	~~70.21~~	~~33.00'~~
~~9~~	~~30–P1~~	~~1295.77~~	~~69.63~~	~~33.00'~~
~~9~~	~~31–P1~~	~~1340.77~~	~~69.05~~	~~33.00'~~
~~9~~	~~32–P1~~	~~1385.77~~	~~68.47~~	~~33.00'~~
~~9~~	~~33–P1~~	~~1430.77~~	~~67.89~~	~~33.00'~~
~~9~~	~~34–P1~~	~~1549.53~~	~~65.13~~	~~26.61'~~
~~9~~	~~35–P1~~	~~1625.54~~	~~65.25~~	~~33.00'~~
~~9~~	~~36–P1~~	~~1665.54~~	~~64.73~~	~~33.00'~~
6	23–P1	1079.67	69.18	57.04'
6	24–P1	1040.10	70.83	31.11'
6	25–P1	1070.77	70.19	31.80'
6	26–P1	1115.77	69.71	33.00'
6	27–P1	1160.77	69.34	33.00'
6	28–P1	1205.77	68.97	33.00'
6	29–P1	1250.77	68.60	33.00'
6	30–P1	1295.77	68.23	33.00'
6	31–P1	1340.77	67.87	33.00'
6	32–P1	1385.77	67.50	33.00'
6	33–P1	1430.77	67.05	33.00'
6	34–P1	1549.53	65.26	26.61'
6	35–P1	1625.54	64.11	33.00'
6	36–P1	1665.54	63.27	33.00'

50' 25' 0 50' 100'
SCALE: 1" = 50'
CINDER AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

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 FEB 0 6
INSPECTOR'S FIELD CHECKS BY Cartesian Surveys Inc. DATE FEB 0 6
VERTICAL & HORIZONTAL VARIANCES CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON L.T.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 88 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4-25-05

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH - UNIT 5
CINDER AVENUE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVE JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVE JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

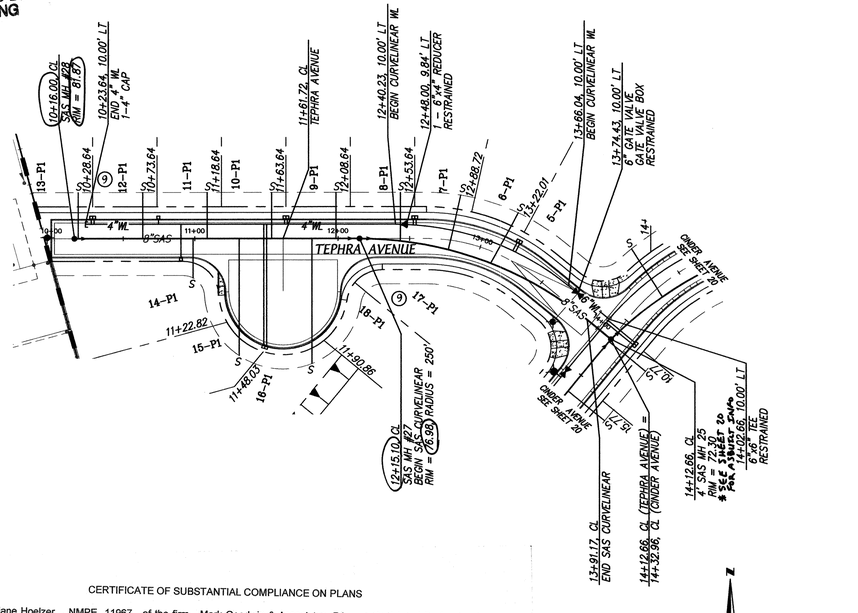
CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 20 OF 27

A04JOBS/A4046SS/Unit 5/CINDER-UP20 5-11-05 SPS, TAS CAR, JCC

F:\A04JOBS\A4046SS\Unit 5\CINDER-UP20.dwg 4/21/2005 10:06:44 AM MST

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 Will Plotner, NMPS number 16771.

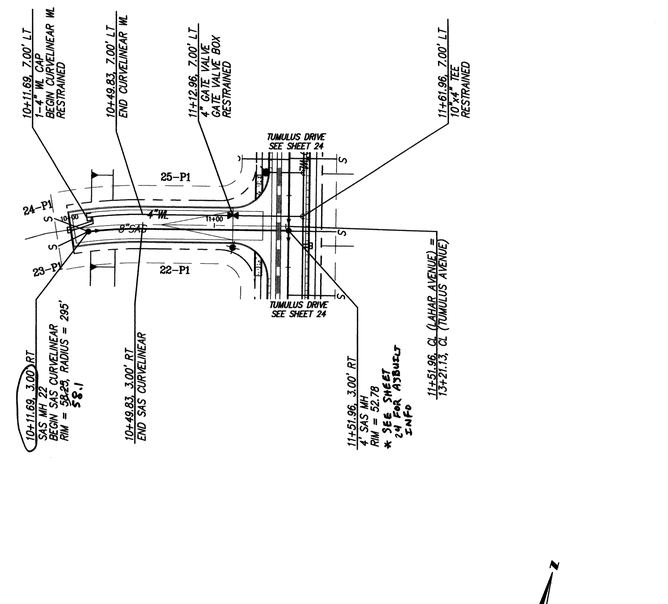
Diane Hoelzer 6-7-05
Diane Hoelzer NMPE 11967

NEW MEXICO DIANE HOELZER 11967 REGISTERED PROFESSIONAL ENGINEER

3WR WATER ZONE

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

TEPHRA AVENUE
STA. 10+00 TO STA. 14+12.66
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



3WR WATER ZONE

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

LAHAR AVENUE
STA. 10+00 TO STA. 11+51.96
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

SANITARY SEWER SERVICES

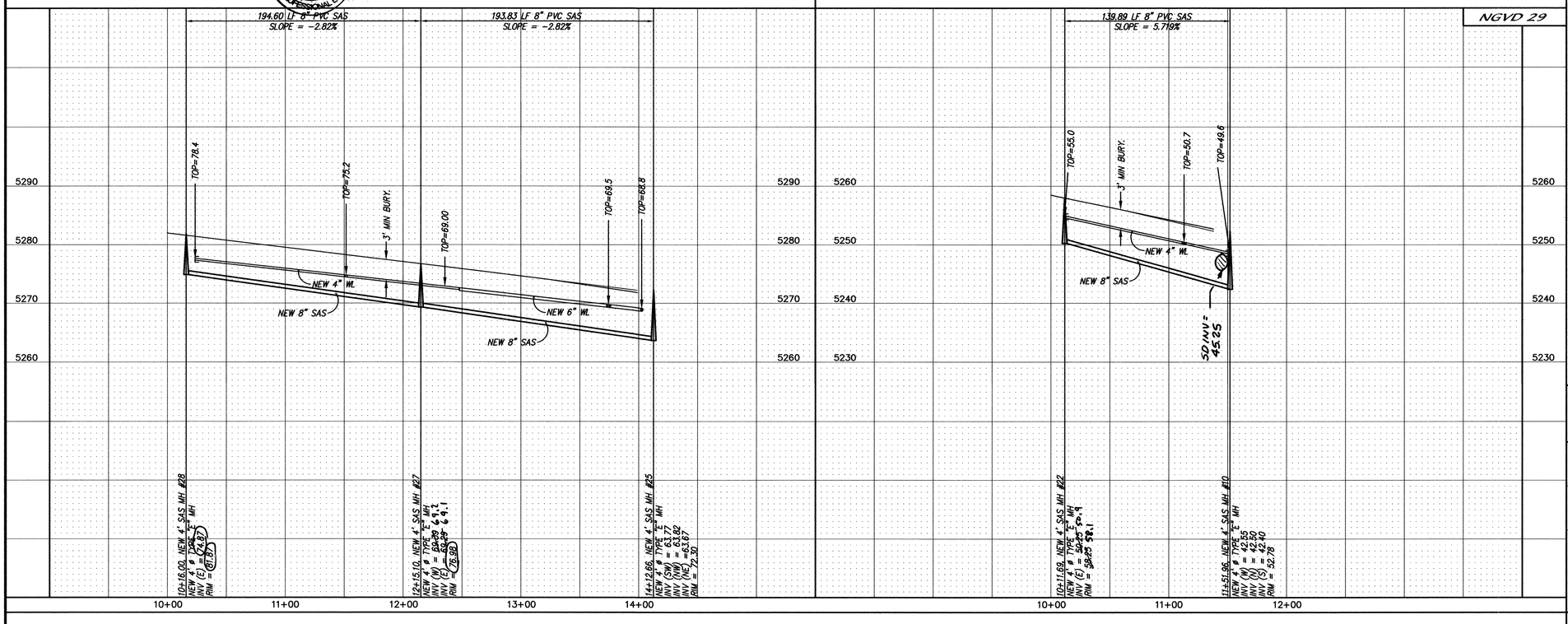
BLOCK	LOT	STATION	INV. ELEV.	LENGTH
9	6–P1	10+18.64	78.89	31.67
9	7–P1	10+63.64	77.62	31.67
9	8–P1	11+08.64	76.38	32.00
9	9–P1	11+53.64	75.09	32.00
9	10–P1	11+98.64	73.82	32.00
9	11–P1	12+43.64	72.56	32.00
9	12–P1	12+78.72	71.57	32.00
9	13–P1	13+12.01	70.63	32.00
9	14–P1	10+98.92	76.55	27.77
9	15–P1	11+31.04	76.34	82.47
9	16–P1	11+81.78	75.42	88.04
1	23–P1	10+11.69	54.14	23.14
1	24–P1	10+11.69	54.19	25.44

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

Will Plotner

SANITARY SEWER SERVICES SHT 21

BLOCK	LOT	STATION	INV. ELEV.	LENGTH
6	6–P1	13+10.63	71.79	31.67
6	7–P1	12+78.02	72.60	31.67
6	8–P1	12+43.71	73.17	32.00
6	9–P1	11+98.64	73.95	32.00
6	10–P1	11+53.64	73.10	32.00
6	11–P1	11+08.64	75.61	32.00
6	12–P1	10+63.64	76.51	32.00
6	13–P1	10+18.64	77.45	32.00
6	14–P1	10+98.92	75.79	27.77
6	15–P1	11+31.04	75.08	82.47
6	16–P1	11+81.78	74.20	88.04
1	23–P1	10+11.69	53.01	23.14
1	24–P1	10+11.69	53.01	25.44



A04JOBS/A4046SS/Unit 5/Tephra-Lahar-UP21 4-22-05 SPS, TAS CAR

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 0 6
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4-25-05

REVISIONS
NO. DATE REMARKS BY
DESIGN
DESIGNED BY DLH DATE 3/05
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05

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: SUNDORO SOUTH - UNIT 5
TEPHRA AVENUE / LAHAR AVENUE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 21 OF 27

F:\A04JOBS\A4046SS\Unit 5\Tephra-Lahar-UP21.dwg 4/21/2005 10:05:10 AM MST

RECORD DRAWINGS

SCANNED BY PLANNING

SPECIAL CONSTRUCTION NOTES WITHIN 100' PNM EASEMENT

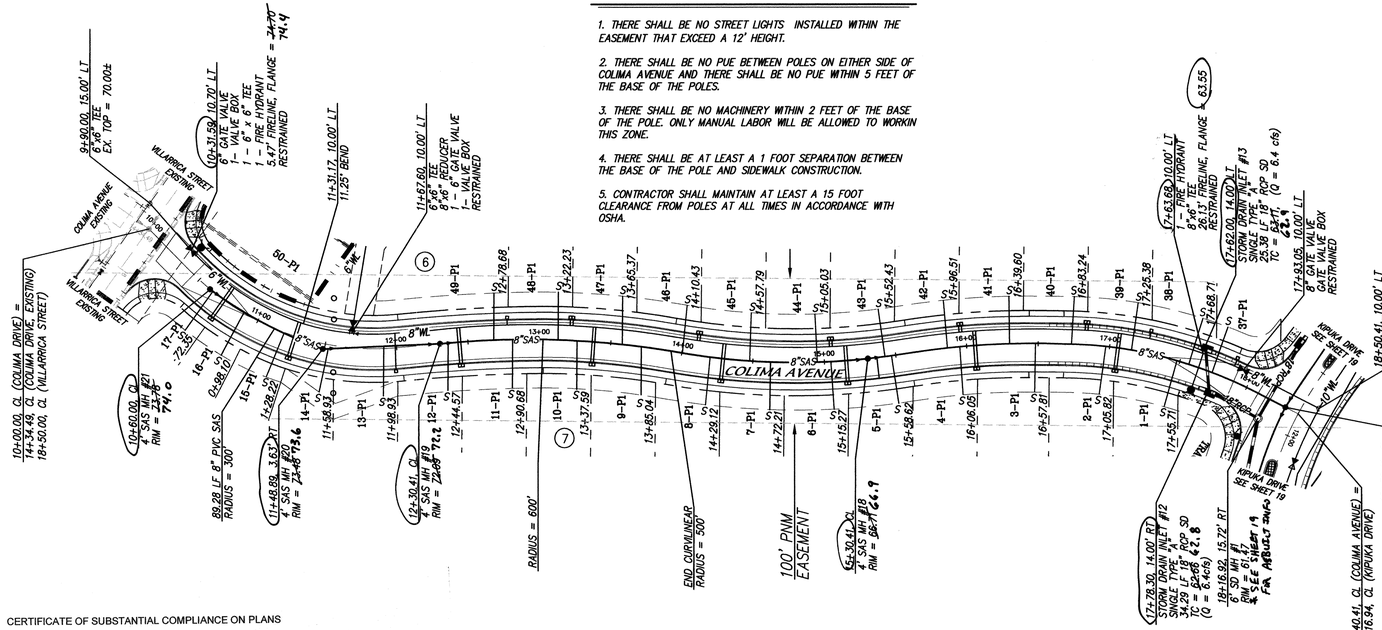
1. THERE SHALL BE NO STREET LIGHTS INSTALLED WITHIN THE EASEMENT THAT EXCEED A 12' HEIGHT.

2. THERE SHALL BE NO PUE BETWEEN POLES ON EITHER SIDE OF COLIMA AVENUE AND THERE SHALL BE NO PUE WITHIN 5 FEET OF THE BASE OF THE POLES.

3. THERE SHALL BE NO MACHINERY WITHIN 2 FEET OF THE BASE OF THE POLE. ONLY MANUAL LABOR WILL BE ALLOWED TO WORKIN THIS ZONE.

4. THERE SHALL BE AT LEAST A 1 FOOT SEPARATION BETWEEN THE BASE OF THE POLE AND SIDEWALK CONSTRUCTION.

5. CONTRACTOR SHALL MAINTAIN AT LEAST A 15 FOOT CLEARANCE FROM POLES AT ALL TIMES IN ACCORDANCE WITH OSHA.



SANITARY SEWER SERVICES SHT 22

BLOCK	LOT	STATION AT PUE	INV ELEV AT PUE	LENGTH AT PUE
7	1–P1	17+47.87	57.53	32.81'
7	2–P1	16+97.26	58.44	33.00'
7	3–P1	16+48.10	59.32	33.17'
7	4–P1	15+95.15	60.27	32.77'
7	5–P1	15+47.06	61.13	33.10'
7	6–P1	15+04.00	61.90	33.00'
7	7–P1	14+62.28	62.65	33.00'
7	8–P1	14+20.00	63.40	33.00'
7	9–P1	13+71.30	64.27	33.26'
7	10–P1	13+26.18	65.08	33.44'
7	11–P1	12+81.15	65.89	33.19'
7	12–P1	12+36.05	66.69	32.19'
7	13–P1	11+90.93	67.50	34.05'
7	14–P1	11+52.50	68.19	30.24'
7	15–P1	11+20.14	68.67	31.93
7	16–P1	10+88.67	68.80	33.82
7	17–P1	10+62.41	68.66	33.17
6	37–P1	17+73.71	57.07	32.96'
6	38–P1	17+56.56	57.38	33.00'
6	39–P1	17+15.38	58.11	32.84'
6	40–P1	16+73.24	58.87	32.85'
6	41–P1	16+29.91	59.64	32.98'
6	42–P1	15+86.49	60.42	33.14'
6	43–P1	15+42.43	61.21	33.01'
6	44–P1	14+94.98	62.06	33.11'
6	45–P1	14+47.79	62.90	33.12'
6	46–P1	14+00.43	63.75	33.16'
6	47–P1	13+58.04	64.51	33.48'
6	48–P1	13+12.93	65.32	33.03'
6	49–P1	12+67.93	66.12	32.56'

NOTES

1. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.

2. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.

3. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

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

Will Plotner

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV ELEV AT PUE	LENGTH AT PUE
7	1–P1	17+47.87	59.32	32.81'
7	2–P1	16+97.26	60.08	33.00'
7	3–P1	16+48.10	60.82	33.17'
7	4–P1	15+95.15	61.62	32.77'
7	5–P1	15+47.06	62.34	33.10'
7	6–P1	15+04.00	62.62	33.00'
7	7–P1	14+62.28	61.95	33.00'
7	8–P1	14+20.00	61.2[illegible]	33.00'
7	9–P1	13+71.30	60.[illegible]	33.26'
7	10–P1	13+26.18	[illegible].78	33.44'
7	11–P1	12+8[illegible].15	59.04	33.19'
7	12–P1	12+36.05	58.31	32.19'
7	13–P1	11+90.93	68.59	34.05'
7	14–P1	11+52.50	69.13	30.24'
7	15–P1	11+20.14	69.79	31.93
7	16–P1	10+88.67	70.33	33.82
7	17–P1	10+62.41	70.74	33.17
1	37–P1	17+73.71	58.9[illegible]	32.96'
1	38–P1	17+56.56	59.19	33.00'
1	39–P1	17+15.38	59.81	32.84'
1	40–P1	16+73.24	60.44	32.85'
1	41–P1	16+29.91	61.09	32.98'
1	42–P1	15+86.49	61.75	33.14'
1	43–P1	15+42.43	62.41	33.01'
1	44–P1	14+94.98	62.48	33.11'
1	45–P1	14+47.79	61.72	33.12'
1	46–P1	14+00.43	60.96	33.16'
1	47–P1	13+58.04	60.29	33.48'
1	48–P1	13+12.93	59.56	33.03'
1	49–P1	12+67.93	58.83	32.56'

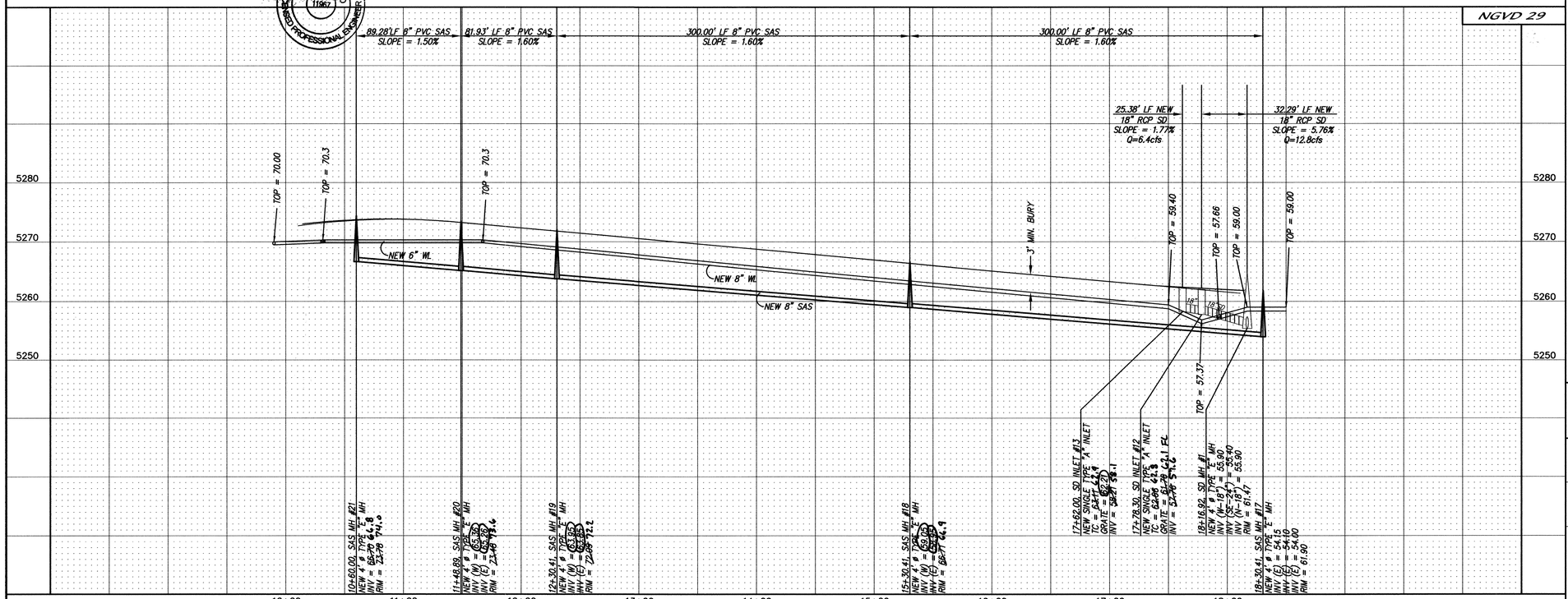
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

SCALE: 1" = 50'
COLIMA AVENUE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

3WR WATER ZONE



A04JOBS/A4046SS/Unit 5/COLIMA-UP22 4-30-05 SPS TAS CAR

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 0 6
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (90TH ST. ON LT.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40. 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PN 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.93' (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4235

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH - UNIT 5
COLIMA AVENUE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 22 OF 27

F:\A04JOBS\A4046SS\Unit 5\COLIMA-UP22.dwg 4/21/2005 10:04:03 AM MST

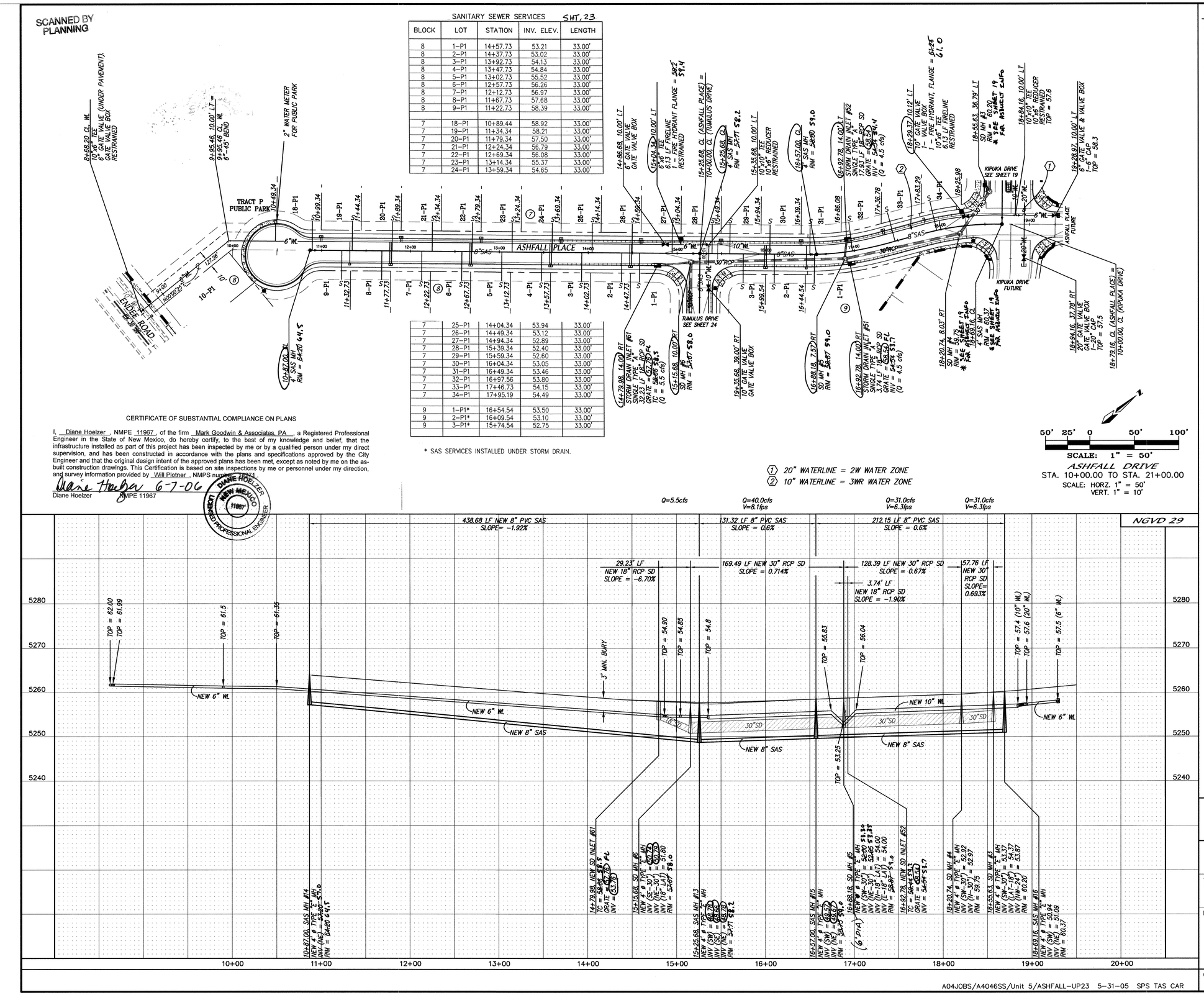
RECORD DRAWINGS

SCANNED BY PLANNING

SANITARY SEWER SERVICES SHT, 23

BLOCK	LOT	STATION	INV. ELEV.	LENGTH
8	1–P1	14+57.73	53.21	33.00'
8	2–P1	14+37.73	53.02	33.00'
8	3–P1	13+92.73	54.13	33.00'
8	4–P1	13+47.73	54.84	33.00'
8	5–P1	13+02.73	55.52	33.00'
8	6–P1	12+57.73	56.26	33.00'
8	7–P1	12+12.73	56.97	33.00'
8	8–P1	11+67.73	57.68	33.00'
8	9–P1	11+22.73	58.39	33.00'
7	18–P1	10+89.44	58.92	33.00'
7	19–P1	11+34.34	58.21	33.00'
7	20–P1	11+79.34	57.50	33.00'
7	21–P1	12+24.34	56.79	33.00'
7	22–P1	12+69.34	56.08	33.00'
7	23–P1	13+14.34	55.37	33.00'
7	24–P1	13+59.34	54.65	33.00'
7	25–P1	14+04.34	53.94	33.00'
7	26–P1	14+49.34	53.12	33.00'
7	27–P1	14+94.34	52.89	33.00'
7	28–P1	15+39.34	52.40	33.00'
7	29–P1	15+59.34	52.60	33.00'
7	30–P1	16+04.34	53.05	33.00'
7	31–P1	16+49.34	53.46	33.00'
7	32–P1	16+97.56	53.80	33.00'
7	33–P1	17+46.73	54.15	33.00'
7	34–P1	17+95.19	54.49	33.00'
9	1–P1*	16+54.54	53.50	33.00'
9	2–P1*	16+09.54	53.10	33.00'
9	3–P1*	15+74.54	52.75	33.00'

* SAS SERVICES INSTALLED UNDER STORM DRAIN.



⑦ 20" WATERLINE = 2W WATER ZONE

⑧ 10" WATERLINE = 3WR WATER ZONE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 11871.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NOTES

1. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
2. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
3. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

STORM DRAIN SUMMARY TABLE

LOCATION	INVERT	GRD ELEV	HGL
MH 6	50.79	57.67	53.81
MH 5	51.97	58.74	56.14
MH 4	52.97	59.75	57.05
MH 3	53.37	60.20	57.31

SANITARY SEWER SERVICES

BLOCK	LOT	STATION	INV. ELEV.	LENGTH
8	1–P1	14+57.73	51.46	33.00'
8	2–P1	14+37.73	51.08	33.00'
8	3–P1	13+92.73	50.22	33.00'
8	4–P1	13+47.73	49.35	33.00'
8	5–P1	13+02.73	48.49	33.00'
8	6–P1	12+57.73	47.63	33.00'
8	7–P1	12+12.73	46.76	33.00'
8	8–P1	11+67.73	45.90	33.00'
8	9–P1	11+22.73	45.03	33.00'
7	18–P1	10+89.44	46.40	33.00'
7	19–P1	11+34.34	45.26	33.00'
7	20–P1	11+79.34	46.12	33.00'
7	21–P1	12+24.34	46.99	33.00'
7	22–P1	12+69.34	47.85	33.00'
7	23–P1	13+14.34	48.71	33.00'
7	24–P1	13+59.34	49.58	33.00'
7	25–P1	14+04.34	50.44	33.00'
7	26–P1	14+49.34	51.30	33.00'
7	27–P1	14+94.34	52.17	33.00'
7	28–P1	15+39.34	52.83	33.00'
7	29–P1	15+59.34	52.97	33.00'
7	30–P1	16+04.34	53.24	33.00'
7	31–P1	16+49.34	53.51	33.00'
7	32–P1	16+97.56	53.81	33.00'
7	33–P1	17+46.73	54.10	33.00'
7	34–P1	17+95.19	54.39	33.00'
9	1–P1*	16+54.54	50.89	33.00'
9	2–P1*	16+09.54	50.61	33.00'
9	3–P1*	15+74.54	50.40	33.00'

* SAS SERVICES INSTALLED UNDER STORM DRAIN.

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
STAKED BY Chesterfield Surveyors Inc. DATE FEB 0 6
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY Chesterfield Surveyors Inc. DATE FEB 0 6
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER 6-5-05

NO.	DATE	REMARKS	BY
		REVISIONS	

		DESIGN	DATE
DESIGNED BY	DLH		3/05
DRAWN BY	TAS		3/05
CHECKED BY	DMG		3/05

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: SUNDORO SOUTH - UNIT 5
ASHFALL DRIVE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 23 OF 27

F:\A04JOBS\A4046SS\Unit 5\ASHFALL-UP23.dwg, 5/31/2005 10:50:30 AM, charles

SCANNED BY PLANNING

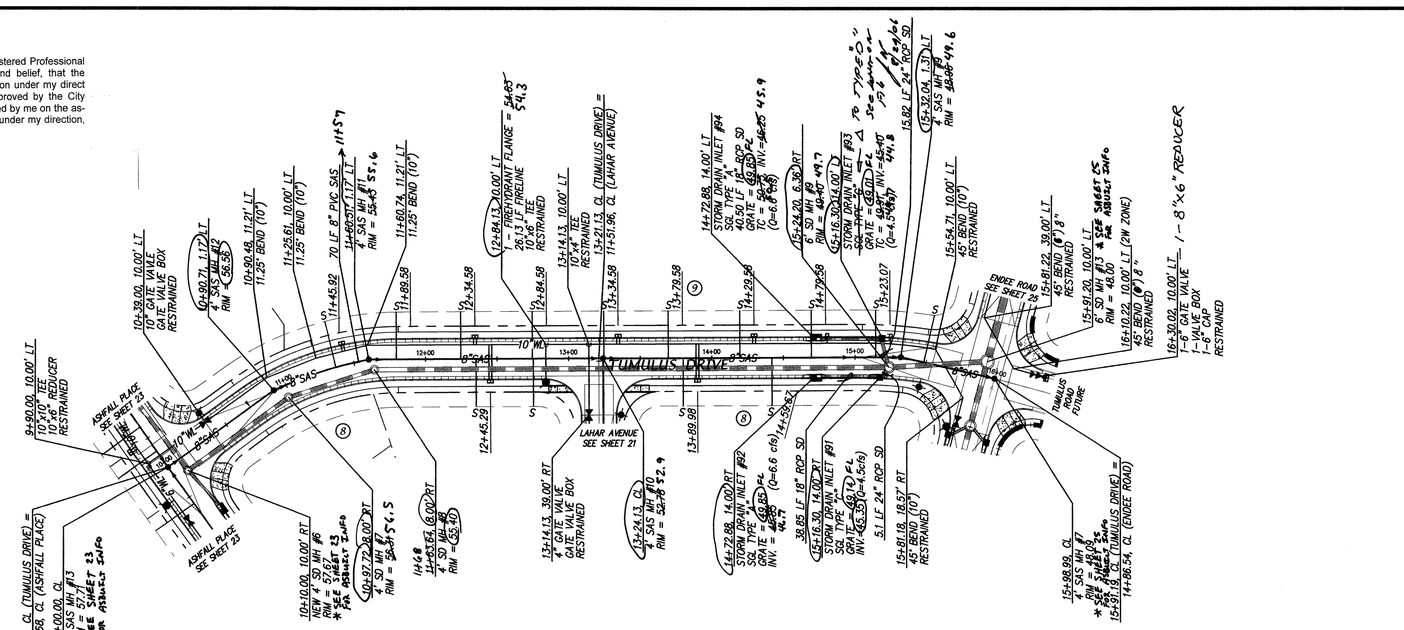
RECORD DRAWINGS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

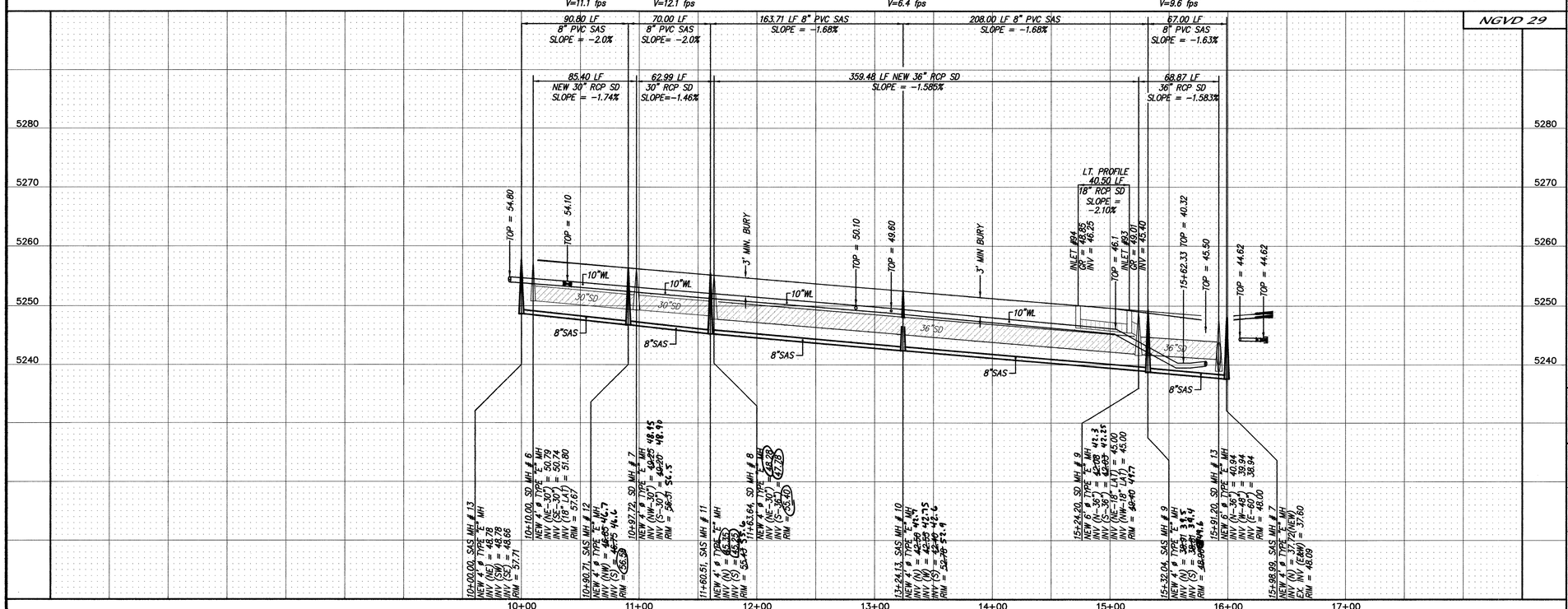
I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person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

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER



TUMULUS DRIVE
STA. 10+00.00 TO STA. 21+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

STORM DRAIN SUMMARY TABLE

LOCATION	INVERT	GRD ELEV	HGL
MH 13	40.94	48.00	44.55
MH 9	41.80	49.25	46.23
MH 8	48.28	55.40	50.03
MH 7	49.25	56.31	51.06
MH 6	50.79	57.67	53.81

SANITARY SEWER SERVICES

BLOCK	LOT	STATION	INV. ELEV. AT PUE	LENGTH AT PUE
8	26–P1*	12+35.29	47.38	33.00'
8	25–P1*	12+75.29	46.98	33.00'
8	22–P1*	13+79.98	44.87	33.00
8	21–P1*	14+41.94	44.25	33.00'
9	4–P1	11+35.92	49.56	32.59'
9	5–P1	11+79.58	47.94	33.00'
9	6–P1	12+24.58	47.49	33.00'
9	7–P1	12+74.58	46.99	33.00'
9	8–P1	13+24.58	46.49	33.00'
9	9–P1	13+69.58	45.97	33.00'
9	10–P1	14+19.58	44.47	33.00'
9	11–P1	14+69.58	43.97	33.00'
9	12–P1	15+14.55	43.52	33.80'
9	13–P1	15+48.35	42.20	33.00'

* SAS SERVICES CONSTRUCTED UNDER STORM DRAIN.

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

SANITARY SEWER SERVICES SHT 24

BLOCK	LOT	STATION	INV. ELEV. AT PUE	LENGTH AT PUE
8	26–P1*	12+35.29	48.94	33.00'
8	25–P1*	12+75.29	48.29	33.00'
8	22–P1*	13+79.98	46.59	33.00
8	21–P1*	14+41.94	45.58	33.00'
9	4–P1	11+35.92	50.56	32.59'
9	5–P1	11+79.58	49.85	33.00'
9	6–P1	12+24.58	49.12	33.00'
9	7–P1	12+74.58	48.30	33.00'
9	8–P1	13+24.58	47.49	33.00'
9	9–P1	13+69.58	46.76	33.00'
9	10–P1	14+19.58	45.94	33.00'
9	11–P1	14+69.58	45.13	33.00'
9	12–P1	15+14.55	44.28	33.80'
9	13–P1	15+48.35	43.41	33.40'

* SAS SERVICES CONSTRUCTED UNDER STORM DRAIN.

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 FEB 0 8
INSPECTOR'S CHANGES BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 0 8
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1989", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
SP-22-4

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH - UNIT 5
TUMULUS DRIVE
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

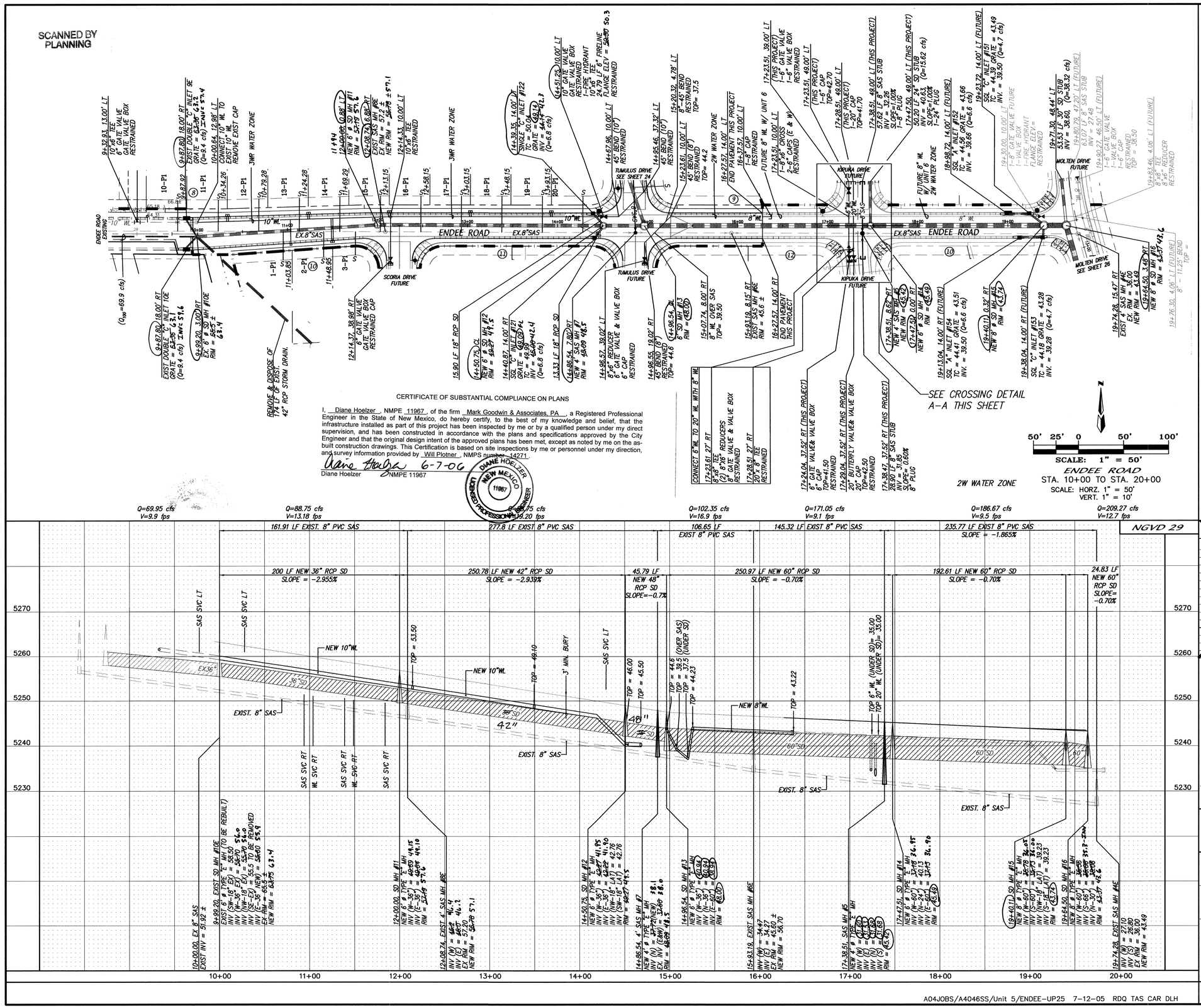
CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 24 OF 27

A04JOBS/A4046SS/Unit 5/TUMULUS-UP24 4-22-05 TAS CAR

F:\A04JOBS\A4046SS\Unit 5\TUMULUS-UP24.dwg 4/21/2005 10:01:18 AM MST

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 Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

NOTES

1. ALL STATIONING IS CENTERLINE STATIONING.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

SANITARY SEWER SERVICES SHT25

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
8	10–P1	9+77.92	61.58	34.88
8	11–P1	10+24.26	60.00	34.93
8	12–P1	10+69.28	59.15	36.30
8	13–P1*	11+14.28	58.55	37.67
8	14–P1*	11+59.29	57.50	38.98
8	15–P1*	12+03.15	56.26	39.86
8	16–P1*	12+48.15	54.76	39.91
8	17–P1*	12+93.15	53.21	40.21
8	18–P1*	13+38.15	51.71	40.36
8	19–P1*	13+83.15	50.40	40.51
8	20–P1*	14+28.07	49.01	40.61
10	1–P1	10+93.85	58.81	32.10
10	2–P1	11+38.95	58.02	28.83
10	3–P1	11+74.85	57.20	26.27

STORM DRAIN SUMMARY TABLE

LOCATION	INVERT	GRD ELEV	HGL
MH 10E	55.70	63.75	61.22
MH 11	48.78	57.19	50.63
MH 12	40.76	49.27	42.51
MH 13	39.94	48.00	44.55
MH 14	37.18	45.49	42.47
MH 15	35.78	43.74	41.01
MH 16	35.56	43.37	39.39

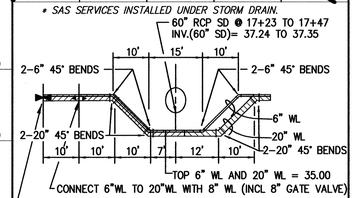
* SAS SERVICES INSTALLED UNDER STORM DRAIN.

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.

SANITARY SEWER SERVICES

BLOCK	LOT	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
8	10–P1	9+77.92	58.86	34.88
8	11–P1	10+24.26	57.45	34.93
8	12–P1	10+69.28	56.03	36.30
8	13–P1*	11+14.28	50.75	37.67
8	14–P1*	11+59.29	49.52	38.98
8	15–P1*	12+03.15	48.27	39.86
8	16–P1*	12+48.15	46.96	39.91
8	17–P1*	12+93.15	45.60	40.21
8	18–P1*	13+38.15	44.23	40.36
8	19–P1*	13+83.15	42.86	40.51
8	20–P1*	14+28.07	41.51	40.61
10	1–P1	10+93.85	55.25	32.10
10	2–P1	11+38.95	53.84	28.83
10	3–P1	11+74.85	52.42	26.27

* SAS SERVICES INSTALLED UNDER STORM DRAIN.



CROSSING DETAIL A-A

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: SUNDORO SOUTH - UNIT 5
ENDEE ROAD
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUL 13 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 25 OF 27

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY Cartesian Surveys Inc. DATE FEB 0 6
INSPECTOR'S NAME BY DATE
FIELD VERIFICATION BY Cartesian Surveys Inc. DATE FEB 0 6
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "FRENARD" IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.9 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US 1-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "FRENARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
7/13/05

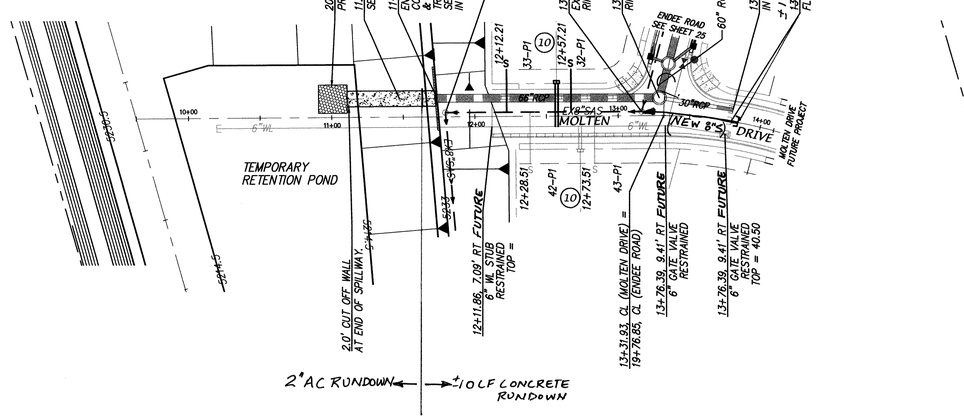
REVISIONS
NO. | DATE | REMARKS | BY
DESIGN
DESIGNED BY DLH DATE 3/05
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05

A04JOBS/A4046SS/Unit 5/ENDEE-UP25 7-12-05 RDQ TAS CAR DLH

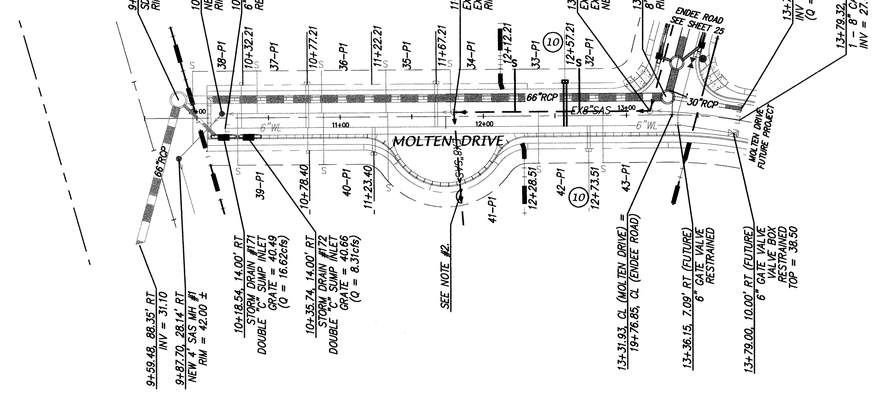
F:\A04JOBS\A4046SS\Unit 5\ENDEE-UP25.dwg, 7/13/2005 8:28:43 AM, charles

RECORD DRAWINGS

SCANNED BY PLANNING



STORM DRAIN AND TEMPORARY RETENTION POND ONLY
TEMPORARY CONDITION - THIS PROJECT (UNIT 5 CONSTRUCTION)



FOR INFORMATION ONLY - FULL BUILD OUT DESIGN
(NOT PART OF THIS PROJECT)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

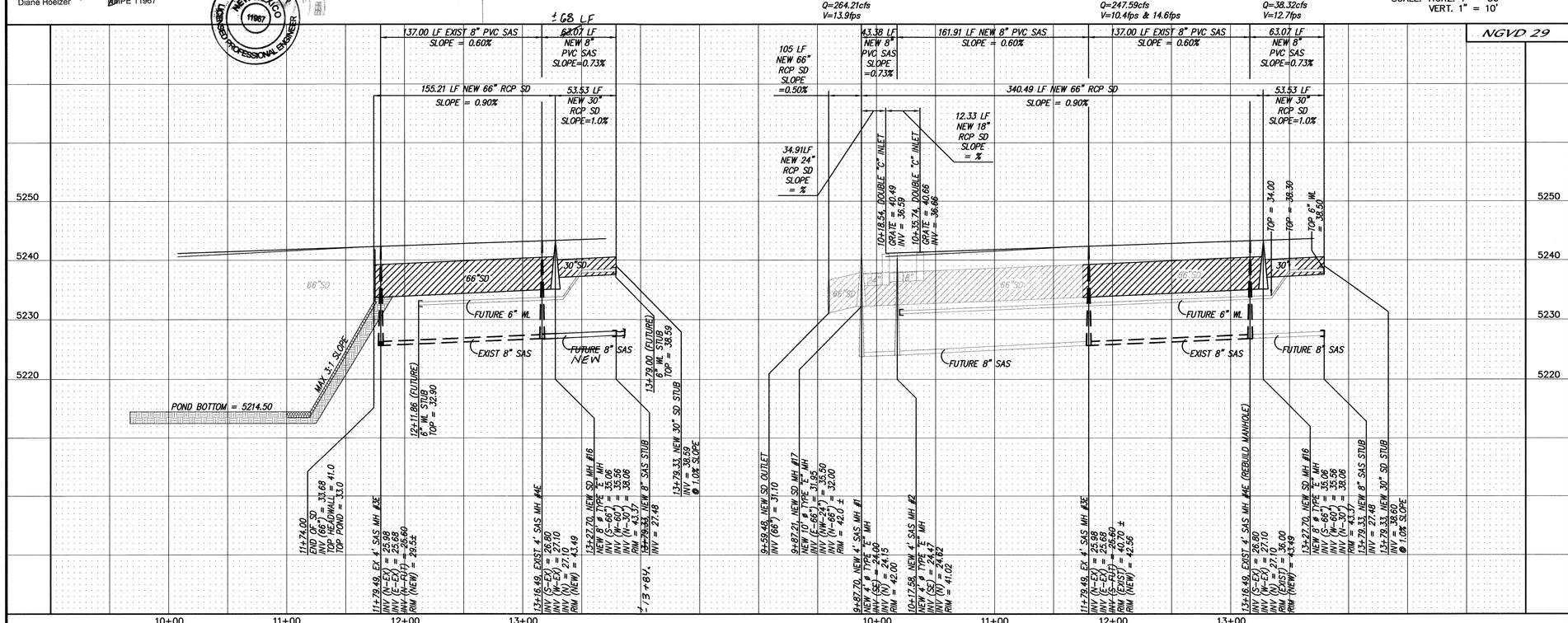
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER

NOTE:
CONSTRUCTED SAS SERVICE AND WATERLINE SERVICE CONNECTS UNDER THE STORM DRAIN FOR LOTS 32 AND 33. USE RISERS ON SAS SERVICE CONNECTIONS.

SAS SERVICE TABLE			
LOT 32	12+67.19	33.32	30.13'
LOT 33	12+22.19	32.98	30.10'

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

MOLTEN DRIVE
STA. 10+00.00 TO STA. 17+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'

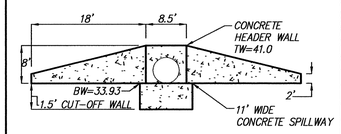


NOTES

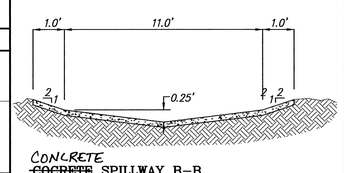
1. ALL STATIONING IS CENTERLINE STATIONING.
2. THIS IS A TEMPORARY EXISTING SANITARY SEWER CONNECTION. THIS WILL BE USED AS LONG AS TEMPORARY POND IS REQUIRED. WHEN POND IS FILLED IN, THE PERMANENT SAS LINE TO THE SOUTH & EAST WILL BE CONSTRUCTED TO A NEW OUTFALL LOCATION.
3. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
4. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
5. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

STORM DRAIN SUMMARY TABLE			
LOCATION	INVERT	GRD ELEV	HGL
OUTFALL	31.10	36.10	35.13
MH 17	32.00	42.00	37.59
MH 16	35.56	43.37	39.39

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.



HEADWALL DETAIL A-A
NTS



CONCRETE ~~COCRETE~~ SPILLWAY B-B
±10LF CONCRETE
±50LF 2"ASPHALT
NTS

AS BUILT INFORMATION
CONTRACTOR
STAKED BY Certesian Surveys Inc. DATE FEB 06
INSPECTOR'S
FIELD CHANGES BY DATE
FIELD VERIFICATION BY Certesian Surveys Inc. DATE FEB 06
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STATION "REWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (98TH ST. ON LT.). THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40. 1.0 MI. TO TRACK RD. LEFT (SW). THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1969". SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
X = 350,944.85 Y = 1,487,301.42 (NAD1927) ELEV=5316.951 (NGVD)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
4-25-05

REMARKS BY
REVISIONS
DESIGN DATE 3/05
DESIGNED BY DLH
DRAWN BY TAS DATE 3/05
CHECKED BY DMG DATE 3/05
NO. 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: SUNDORO SOUTH - UNIT 5 (UNIT 6)
MOLTEN DRIVE STORM DRAIN
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

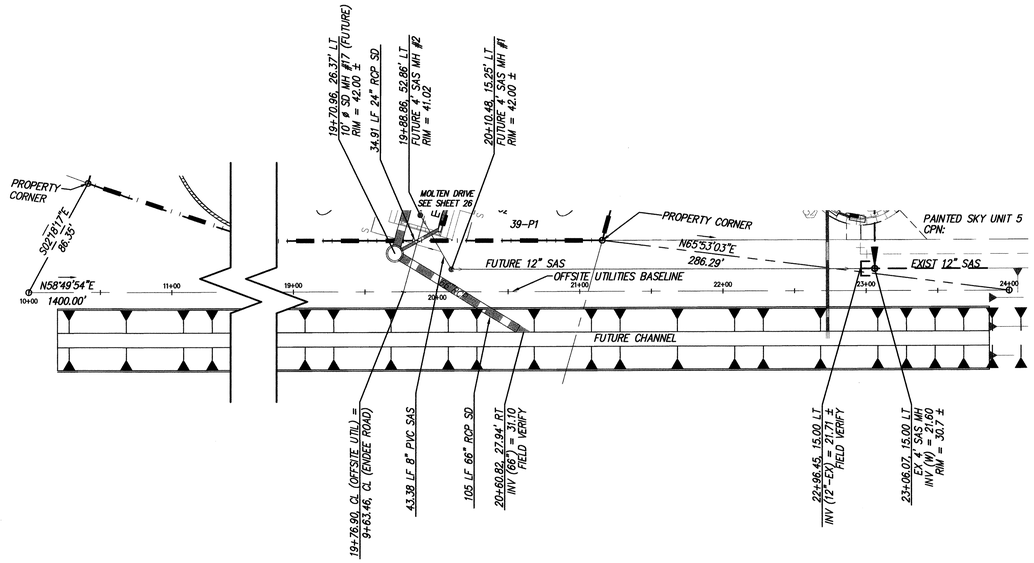
CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 26 OF 27

A04JOBS/A4046SS/Unit 5/MOLTEN-UP26 4-22-05 ACH TAS CAR

F:\A04JOBS\A4046SS\Unit 5\MOLTEN-UP26.dwg 4/21/2005 9:42:10 AM MST

RECORD DRAWINGS

SCANNED BY
PLANNING



NOTES

1. STATIONING IS BASELINE STATIONING FOR OFFSITE UTILITIES AND AMAFCA CHANNEL.
2. ALL SAS PIPE IS SDR35 PVC UNLESS NOTED OTHERWISE.
3. ALL WATER LINES PIPE IS C-900 SERIES PVC PIPE UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE IS CLASS III RCP UNLESS NOTED OTHERWISE.

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

Will Plotner

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Will Plotner, NMPS number 14271.

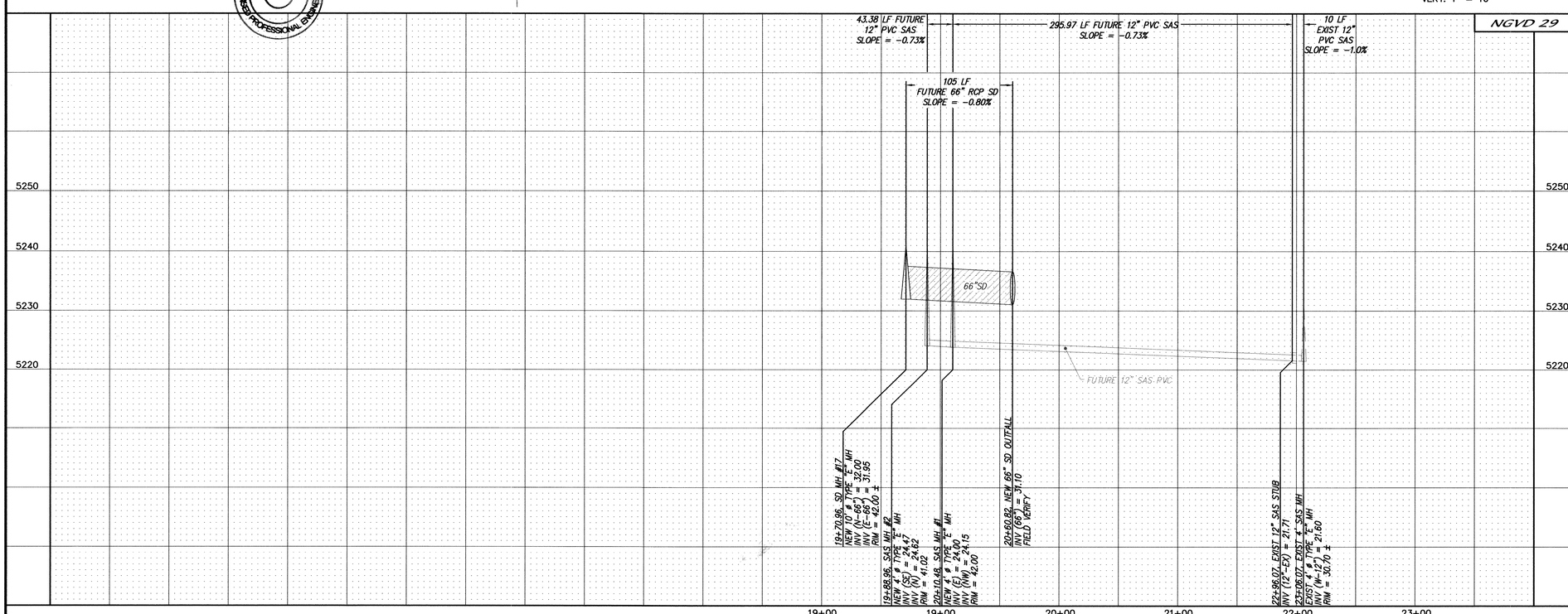
Diane Hoelzer 6-7-06
Diane Hoelzer NMPE 11967

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

FOR INFORMATION ONLY

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

OFFSITE UTILITY
STA. 18+00.00 TO STA. 23+00.00
SCALE: HORZ. 1" = 50'
VERT. 1" = 10'



A04JOBS/A4046SS/Unit 5/OFFSITE UTIL-UP27 4-21-05 SPS TAS CAR

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

BENCH MARKS
STATION "RENWARD IS LOCATED ABOUT 5 MILES WEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM INTERSECTION OF CENTRAL AVE. AND STATE RD. 448 GO WEST ON CENTRAL 1.8 MI. TO NOLASCO RD. ON RT. (90TH ST. ON LT.), THEN NORTH ALONG NOLASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PYLON #PM 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "RENWARD 1969", SET IN TOP OF A CONCRETE POST PROJECTING 0.3 FT. ABOVE GROUND
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DIANE HOELZER NEW MEXICO 11967 REGISTERED PROFESSIONAL ENGINEER
6-7-06

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	DLH	3/05
DRAWN BY	TAS	3/05
CHECKED BY	DMG	3/05

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

TITLE: SUNDORO SOUTH - UNIT 5 (UNIT 6)
OFFSITE UTILITY PLAN
UTILITY IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVE JUN 21 2005 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVE JUL 15 2005 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 727084 | ZONE MAP NO. J-8/9 | SHEET 27 OF 27