LEGEND

PROPOSED STANDARD CURB & GUTTER

PROPOSED MOUNTABLE CURB & GUTTER

80' 40' 0 80' 160'

SCALE: 1" = 80'

NOTE A:
TOTAL Q=26.62cfs INCLUDES AN ALLOWABLE +10cfs OVERFLOW FROM FUTURE MOLTEN DRIVE

OF-3 (13.27 cfs)
PAINTED SKY UNIT 5 EXISTING
S-9 (9.05 cfs)
+10.00 overflow
FUTURE SUNDORO UNIT 8
OF-2 (38.32 cfs)
S-6A (2.33 cfs)
+5.00 overflow
+3.00 overflow
OF-1 (15.62 cfs)
FUTURE SUNDORO UNIT 8
S-0 (5.3 cfs)
S-6B (5.25 cfs)
S-3 (4.98 cfs)
S-4 (19.27 cfs)
S-5 (12.69 cfs)
S-7 (10.65 cfs)
S-8 (7.70 cfs)
S-1 (7.43 cfs)
S-2 (9.17 cfs)
T-4 (8.22 cfs)
T-2 (9.10 cfs)
T-3 (8.60 cfs)
T-5 (1.98 cfs)
T-1 (8.93 cfs)
OF-5 (119.06 cfs)
EXISTING SUNDORO UNIT 1, 2, 3
FUTURE SUNDORO UNIT 9
OF-4 (24.49 cfs)

10.57cfs
19.97cfs
33.17cfs
16.62cfs NOTE A
59.05cfs
59.05cfs
26.67cfs
33.49cfs
25.56cfs
34.56cfs
24.35cfs
17.48cfs
20.10cfs
11.10cfs
17.95cfs
12.55cfs
3.73cfs
9.37cfs
18.37cfs
31.57cfs
21.58cfs
22.78cfs
16.38cfs
6.47cfs
19.27cfs
16.16cfs
7.19cfs
12.69cfs
15.80cfs
29.4cfs
24.49cfs
21.7cfs
40.5cfs
51.0cfs

MOLTEN DRIVE
KIPUKA DRIVE
TUMULUS DRIVE
SCORIA DRIVE
SILICA AVENUE
COLUMBIA AVENUE
LAVAR AVENUE
ASPHALT PLACE
LINDER PLACE
TONTO PLACE
LADERA DRIVE
RIVER ROAD
94TH ST. SW
VERMILION COURT
INTERSTATE 40 (R/W VARIES)
BLOCK 4
100 YR FLOOD EASEMENT

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

BENCH MARKS

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

DUANE HOELZER NEW MEXICO (7867) REGISTERED PROFESSIONAL ENGINEER
10-22-04

REVISIONS			
NO.	DATE	REMARKS	BY

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

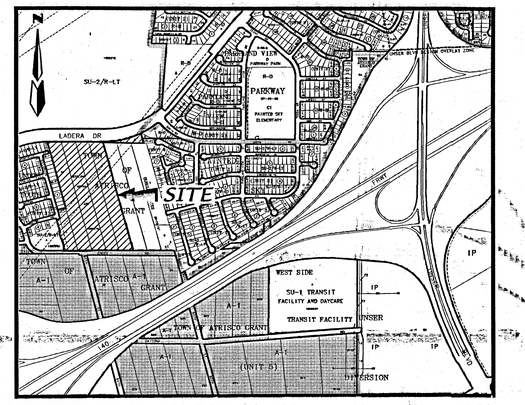
TITLE: SUNDORO SOUTH
DRAINAGE BASIN BOUNDARY EXHIBIT (ULTIMATE)

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	1

A04JOBS/A4046SS/Unit 5/4046-GD50 10-28-04 TAS

F:\A04JOBS\A4046SS\Unit 5\4046-GD50.dwg, Basins Bndy, 10/28/2004 4:31:32 PM, DMG Inc



1"=750' ZONE ATLAS: J-9-Z

SUBDIVISION DATA

GROSS ACREAGE	22.2542 AC
ZONE ATLAS NO.	J-9-Z
NO. OF EXISTING LOTS/TRACTS	1 LOTS/2 TRACTS/1 PARCEL
NO. OF LOTS CREATED	123 LOTS
NO. OF TRACTS CREATED	5 TRACTS
R/W AREA VACATED	0.0139 AC
R/W AREA DEDICATED TO CITY	4.2776 AC
PUBLIC PARK DEDICATION	1.0537 AC
ZONING	SU-2/RLT
DATE OF SURVEY	JULY, 2004

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)

100' 50' 0 100' 200'

SCALE: 1" = 100'

SITE BENCHMARK

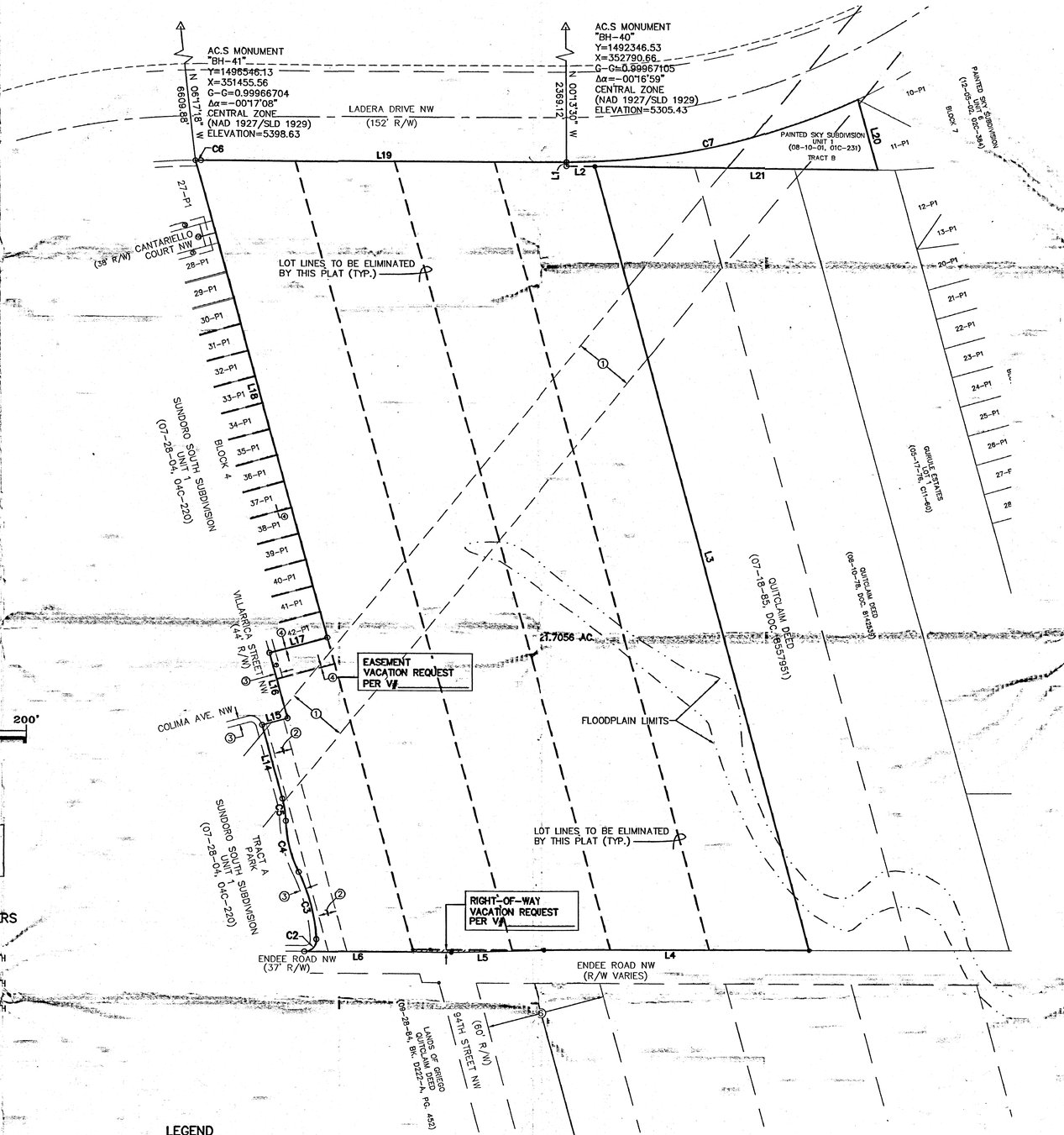
ACS MONUMENT
"BH-40"
ELEVATION=5305.43
(SLD 1929)

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"

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'



LEGEND

1-P1	LOT NUMBER
▲	CENTER LINE MONUMENT
ROW	RIGHT-OF-WAY
(HATCHED AREA)	STREET RIGHT-OF-WAY VACATED = 0.0139 AC

OWNER
WESTLAND DEVELOPMENT CO. INC.
401 COORS NW
ALBUQUERQUE, N.M. 87109
(505) 831-9600

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

SURVEYOR
ALDRICH LAND SURVEY
P.O. BOX 30701
ALBUQUERQUE, N.M. 87190-0701
(505) 884-1990

PRELIMINARY PLAT

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
OCTOBER, 2004

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 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. Grant Easements as shown hereon.
3. Dedicate Right-of-way as shown hereon.
4. Vacate Right-of-way and easement as shown hereon.

NOTES:

1. UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHALL BE MARKED BY A #5 REBAR W/CAP STAMPED "ALS LS 7719" (TYP.).
2. 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 INCH (4") ALUMINUM CAP STAMPED:

   "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION"
   "DO NOT DISTURB"
   PS#7719"
3. BOUNDARY SHALL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4. BASIS OF BEARING SHALL BE NEW MEXICO STATE PLANE GRID BEARINGS.
5. ALL DISTANCES SHALL BE GROUND DISTANCES.
6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.
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 FOR THE CITY OF ALBUQUERQUE PUBLIC PARK.

OWNER: Westland Development Co. Inc.

Leroy Chavez, Vice-President of Development — Date 10/25/04

APPROVED FOR MONUMENTATION AND STREET NAMES

City Surveyor, City of Albuquerque, N.M. — Date 10-28-04

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

Dwg: A4046PPSHT1.dwg	Drawn: RICHARD	Checked: ALS	Sheet 1 of 2
Scale: 1"=100'	Date: 10/25/04	Job: A04046	

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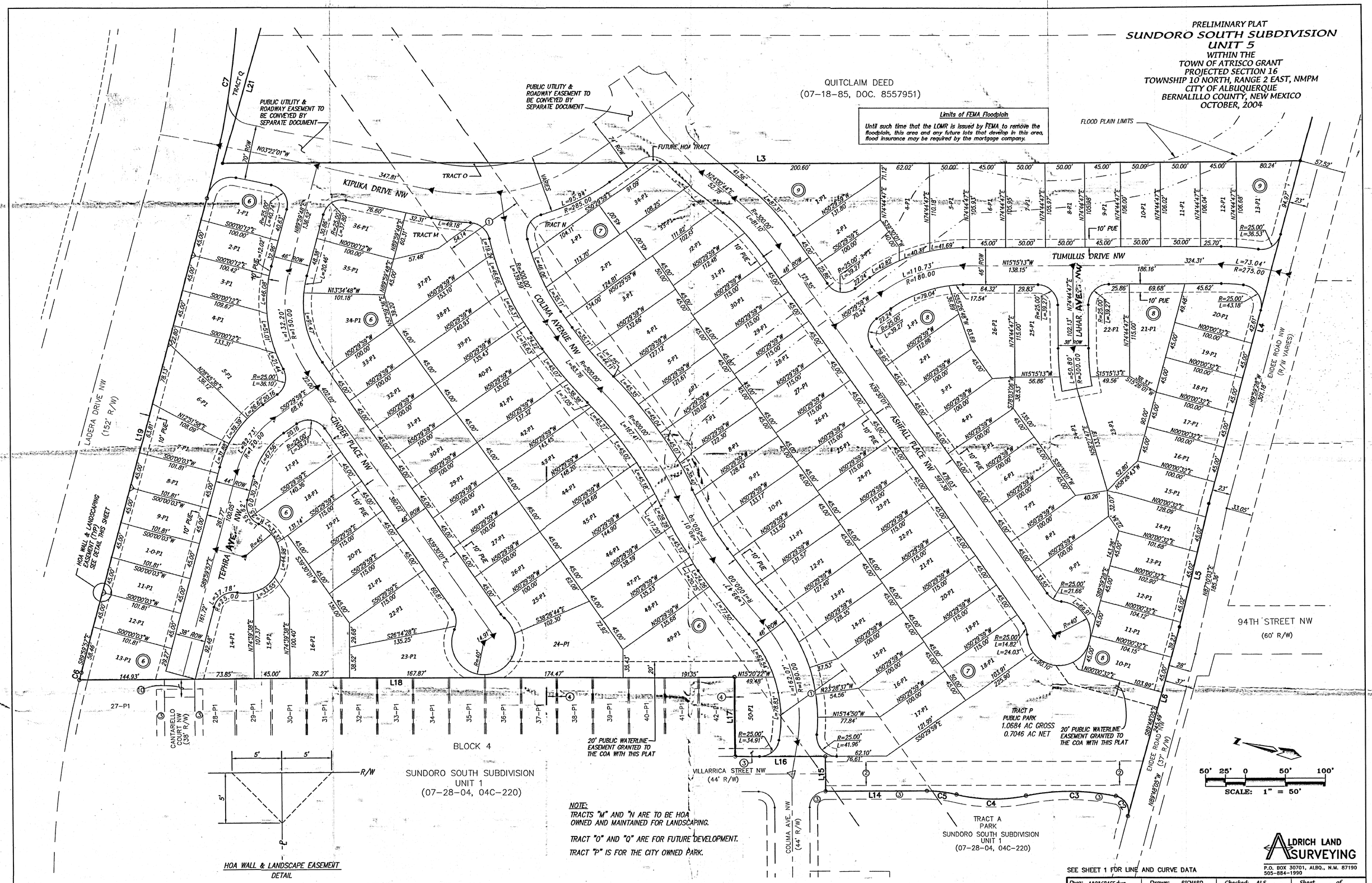
PRELIMINARY PLAT
SUNDORO SOUTH SUBDIVISION
UNIT 5

WITHIN THE
TOWN OF ATRISCO GRANT
PROJECTED SECTION 16
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 2004

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

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.



NOTE:
TRACTS "M" AND "N" ARE TO BE HOA OWNED AND MAINTAINED FOR LANDSCAPING.

TRACT "O" AND "Q" ARE FOR FUTURE DEVELOPMENT.

TRACT "P" IS FOR THE CITY OWNED PARK.

SEE SHEET 1 FOR LINE AND CURVE DATA

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

Dwg: A04046BASE.dwg	Drawn: RICHARD	Checked: ALS	Sheet 2 of 2
Scale: 1"=100'	Date: 10/25/04	Job: A04046	

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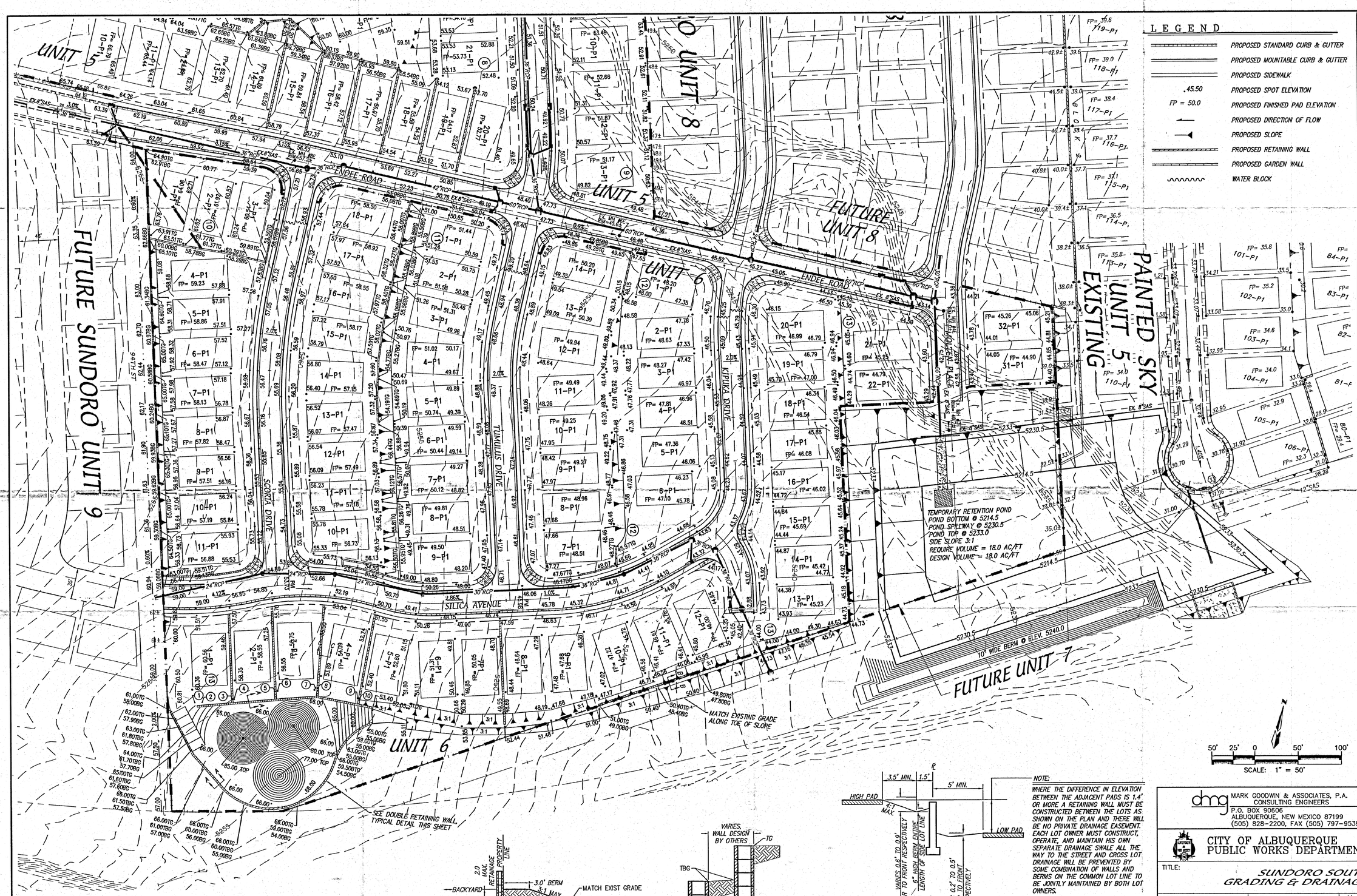
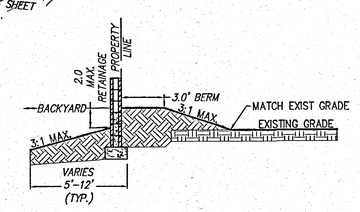


LEGEND

- 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

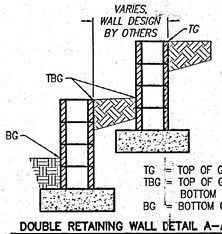
WALL AND GRADE ELEVATION

(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



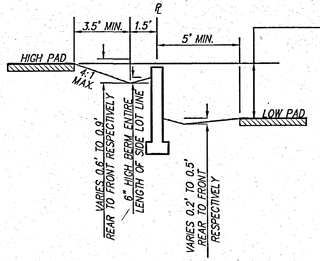
RETAINING WALL / BERM TYPICAL DETAIL B-B

SCALE: NTS



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.

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	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.) 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 PROFESSIONAL ENGINEER REGISTERED

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY	DLH	DATE 10/04
DRAWN BY	TAS	DATE 10/04
CHECKED BY	DMG	DATE 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 UNIT 6
GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	2	

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

RECEIVED MAR 29 2005 HYDROLOGY SECTION

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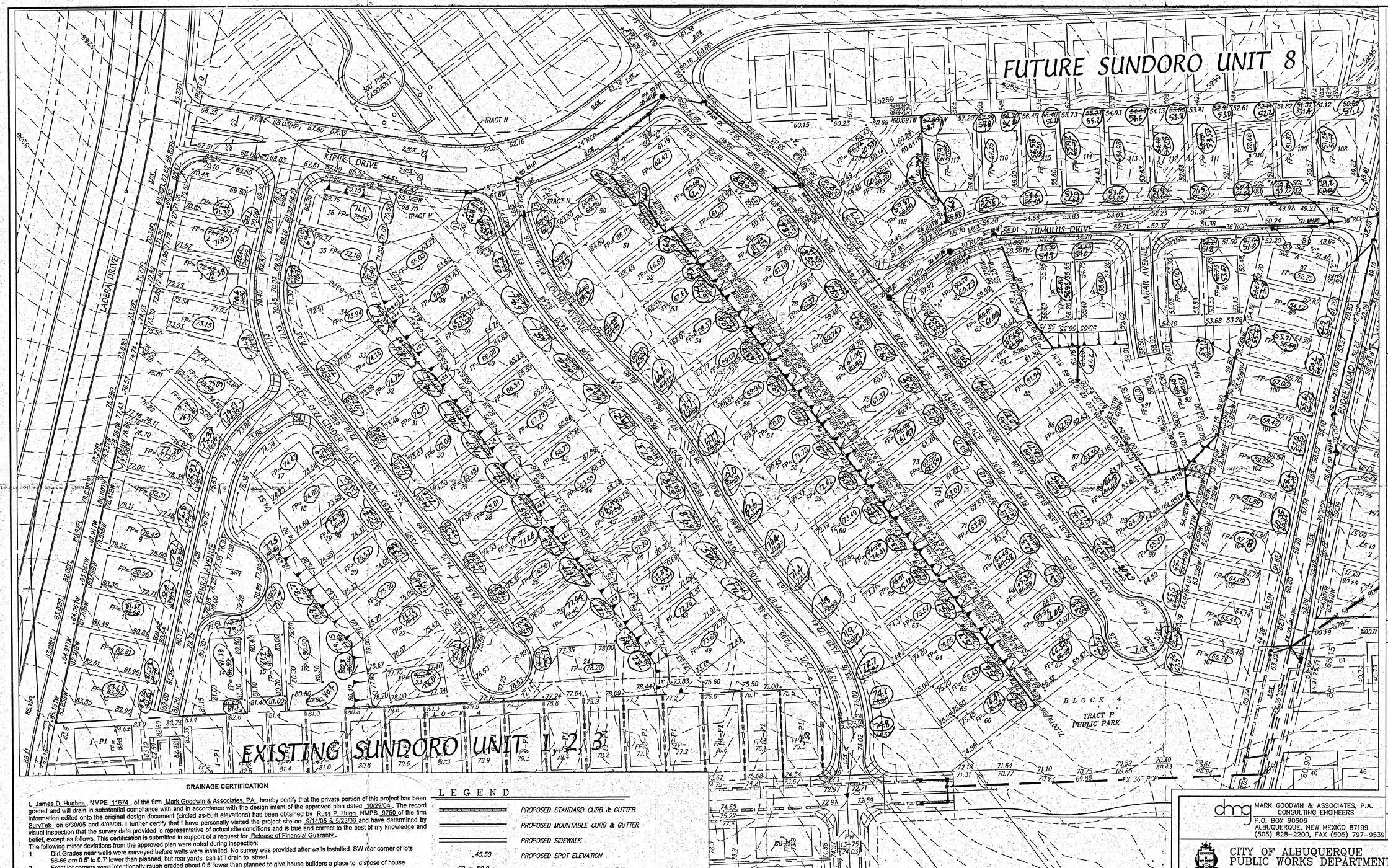


DRAINAGE CERTIFICATION

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, hereby certify that the private portion of this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 10/29/04. The record information edited onto the original design document (circled as-built elevations) has been obtained by Russ P. Hugg NMPS 9750 of the firm SurvTek on 6/30/05 and 4/03/06. I further certify that I have personally visited the project site on 9/14/05 & 5/23/06 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief, except as follows. This certification is submitted in support of a request for Release of Financial Guaranty.

The following minor deviations from the approved plan were noted during inspection:

1. Dirt Grades near walls were surveyed before walls were installed. No survey was provided after walls installed. SW rear corner of lots 56-66 are 0.5' to 0.7' lower than planned, but rear yards can still drain to street.
2. Front lot corners were intentionally rough graded about 0.5' lower than planned to give house builders a place to dispose of house footer excavation and in anticipation of subgrade for the builder constructed deferred sidewalks.
3. Grading on Park Tract P destroyed emergency overflow swale that was constructed from the south end of Vellarrica St. to Endee Rd. The swale must now be restored to prevent drainage into Unit 5. All disturbed areas on the Park still need to be seeded and mulched per the SWPPP.
4. The common swales were missing on lots 64-66 where the front yard drainage needs to be directed to the street and not the park.
5. Walls on side and rear lot lines on lots 82-104 were constructed where they retain dirt. They were not constructed where they don't retain. The builder can complete fine grading and wall construction to drain according to plan.
6. A retaining wall is needed on the East side of lots 108-120 which will be constructed by mutual agreement between Westland and the developer of Sundoro Unit 8, which is still being graded.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

James D. Hughes 5-25-06
JAMES D. HUGHES NMPE 11674

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

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 ±8" Bradley J. Bingham 1-25-05
CITY HYDROLOGY DATE
1 of 2

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

A04JOBS/A4046SS/Unit 5/4046-GD50 10-28-04 - DER TAS

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 NOJASCO RD. ON RT. (98TH ST. ON LT.), THEN NORTH ALONG NOJASCO RD. CROSSING OVER US I-40, 1.0 MI. TO TRACK RD. LEFT (SW), THEN TAKE TRACK ROAD 0.1 MI. TO PILON #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 = 326 944.85 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
FIELD INSPECTION BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

DUANE HOELZER NEW MEXICO 10294 REGISTERED PROFESSIONAL ENGINEER

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

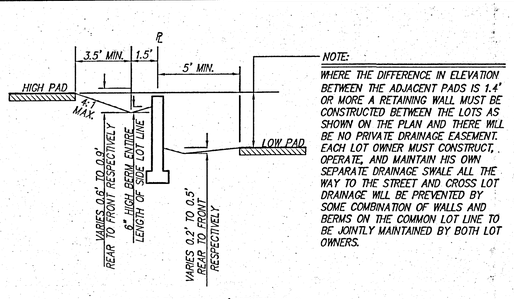
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

RECEIVED JUN 01 2006 HYDROLOGY SECTION

TITLE: SUNDORO SOUTH UNIT
GRADING & DRAINAGE PLAN
ENGINEER'S CERTIFICATION

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	1



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	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	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 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 #PW 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 = 350,944.65 Y = 1,487,301.42 (NAD1927) ELEV.=5316.951 (NGVD)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES HOELZER NEW MEXICO 19867 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

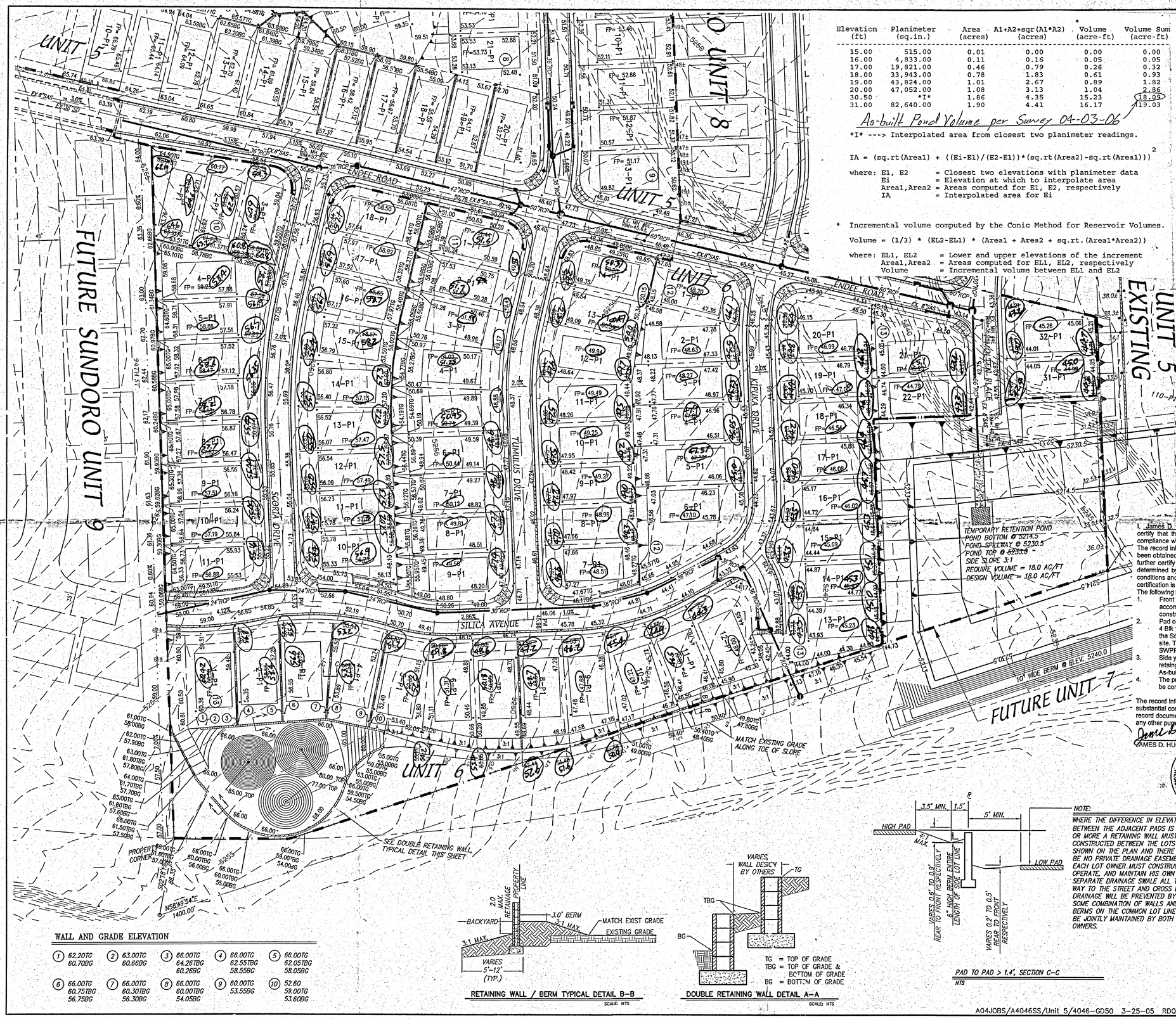
TITLE:
SUNDORO SOUTH UNIT 5
GRADING & DRAINAGE PLAN

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

RECEIVED FEB 16 2005 HYDROLOGY SECTION

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	2

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



Elevation (ft)	Planimeter (sq.in.)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume* (acre-ft)	Volume Sum (acre-ft)
15.00	515.00	0.01	0.00	0.00	0.00
16.00	4,833.00	0.11	0.16	0.05	0.05
17.00	19,821.00	0.46	0.79	0.26	0.32
18.00	33,943.00	0.78	1.83	0.61	0.93
19.00	43,824.00	1.01	2.67	0.89	1.82
20.00	47,052.00	1.08	3.13	1.04	2.86
30.50	*I*	1.86	4.35	15.23	18.09
31.00	82,640.00	1.90	4.41	16.17	19.03

As-built Pond Volume per Survey 04-03-06

I ---> Interpolated area from closest two planimeter readings.

$$IA = (sq.rt(Area1) + ((Ei-E1)/(E2-E1))*(sq.rt(Area2)-sq.rt(Area1)))^2$$

where: E1, E2 = Closest two elevations with planimeter data
Ei = Elevation at which to interpolate area
Area1,Area2 = Areas computed for E1, E2, respectively
IA = Interpolated area for Ei

* Incremental volume computed by the Conic Method for Reservoir Volumes.

Volume = (1/3) * (EL2-EL1) * (Area1 + Area2 + sq.rt.(Area1*Area2))

where: EL1, EL2 = Lower and upper elevations of the increment
Area1,Area2 = Areas computed for EL1, EL2, respectively
Volume = Incremental volume between EL1 and EL2

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.

DRAINAGE CERTIFICATION

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, PA, hereby certify that the private portion of this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 3/25/05. The record information edited onto the original design document (circled as-built elevations) has been obtained by Russ P. Hugg NMPS 9750 of the firm SurvTek on 6/30/05 and 04/03/06. I further certify that I have personally visited the project site on 9/13/05 & 5/23/06 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief, except as follows. This certification is submitted in support of a request for Release of Financial Guaranty.

The following minor deviations from the approved plan were noted during inspection:

1. Front lot corners were intentionally graded about 0.5' lower than planned to accommodate Home Builders need to dispose of excess dirt from house footers and construction of deferred sidewalks.
2. Pad on Lot 2 Blk 10 is 0.7' higher than planned and SW corner is 1.6' higher. Pad on Lot 4 Blk 10 is 0.8' lower than planned. Grading of the "entry Sign" on the HOA Tract in the Southwest corner of the site is still in progress with dirt stockpiled around the sign site. The are will be stabilized by the developer after grading is complete per the SWPPP.
3. Side yard retaining walls were missing on both sides of lot 4 Blk 13 and lot 7 Blk 13. The retaing wall at the rear of lots 10 & 11 Blk 13 was not backfilled to the planned grade. As-built grades near retaining walls were surveyed before wall construction.
4. The private pond is in substantial compliance with the plan. Seeding and mulching is to be completed per SWPPP.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

James D. Hughes 5-25-06
JAMES D. HUGHES NMPE 11674

JAMES D. HUGHES 11674 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

SCALE: 1" = 50'

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH UNIT 6
GRADING & DRAINAGE PLAN
ENGINEERS CERTIFICATION

RECEIVED JUN 01 2006 HYDROLOGY SECTION

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
727085	J-8/9	12	12

NO.	DATE	REMARKS	BY
		REVISIONS	

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

AS BUILT INFORMATION

		DATE
CONTRACTOR		
STAKED BY		
INSPECTOR'S		
FIELD ENGINEERING BY		
FIELD VERIFICATION BY		
CORRECTED BY		
RECORDED BY		
NO.		

MICRO-FILM INFORMATION

ENGINEER'S SEAL: DALE HOELZER, NEW MEXICO, 19967, REGISTERED PROFESSIONAL ENGINEER, 4-10-06

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 88 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.=5316.931 (NGVD)

SURVEY INFORMATION

NO.	BY	DATE
FIELD NOTES		

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

PLA-A04JOBS/A4046SS/Unit 5/4046-GD50.dwg, 4/25/2005 5:18:14 PM, MARK GOODWIN & ASSOCIATES, PLOTTED BY RDQ

DRAINAGE CERTIFICATION

I, James D. Hughes, NMPE 11674, of the firm Mark Goodwin & Associates, P.A. hereby certify that the private portion of this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 2/15/05. The record information edited onto the original design document (circled as-built elevations) has been obtained by Russ P. Hugg NMPS 9750 of the firm SurvTek on 6/30/05 and 4/03/06. I further certify that I have personally visited the project site on 9/14/05 & 5/23/06 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief, except as follows. This certification is submitted in support of a request for Release of Financial Guaranty.

The following minor deviations from the approved plan were noted during inspection:

1. Dirt Grades near walls were surveyed before walls were installed. No survey was provided after walls installed. SW rear corner of lots 7-17 block 7 are 0.5' to 0.7' lower than planned, but rear yards can still drain to street.
2. Front lot corners were intentionally rough graded about 0.5' lower than planned to give house builders a place to dispose of house footer excavation and in anticipation of subgrade for the builder constructed deferred sidewalks.
3. Grading on Park Tract P destroyed emergency overflow swale that was constructed from the south end of Vellarrica St. to Endee Rd. The swale must now be restored to prevent drainage into Unit 5. All disturbed areas on the Park still need to be seeded and mulched per the SWPPP.
4. The common swales were missing on lots 15-17 block 7 where the front yard drainage needs to be directed to the street and not the park.
5. Walls on side and rear lot lines on lots in block 8 were constructed where they retain dirt. They were not constructed where they don't retain. The builder can complete fine grading and wall construction to drain according to plan.
6. A retaining wall is needed on the East side of block 9 which will be constructed by mutual agreement between Westland and the developer of Sundoro Unit 8, which is still being graded.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any purpose.

James D. Hughes 5-25-06

JAMES D. HUGHES NMPE 11674

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 STARTED BY	DATE
WORK ACCEPTANCE BY	DATE
FIELD LOCATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

STATION TECWARD 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. OVER RT. (88TH 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 #W 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET, STAMPED TECWARD 1983", 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.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

JAMES D. HUELZER NEW MEXICO 11674 REGISTERED PROFESSIONAL ENGINEER 2-15-05

NO.	DATE	REMARKS REVISIONS	BY

		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

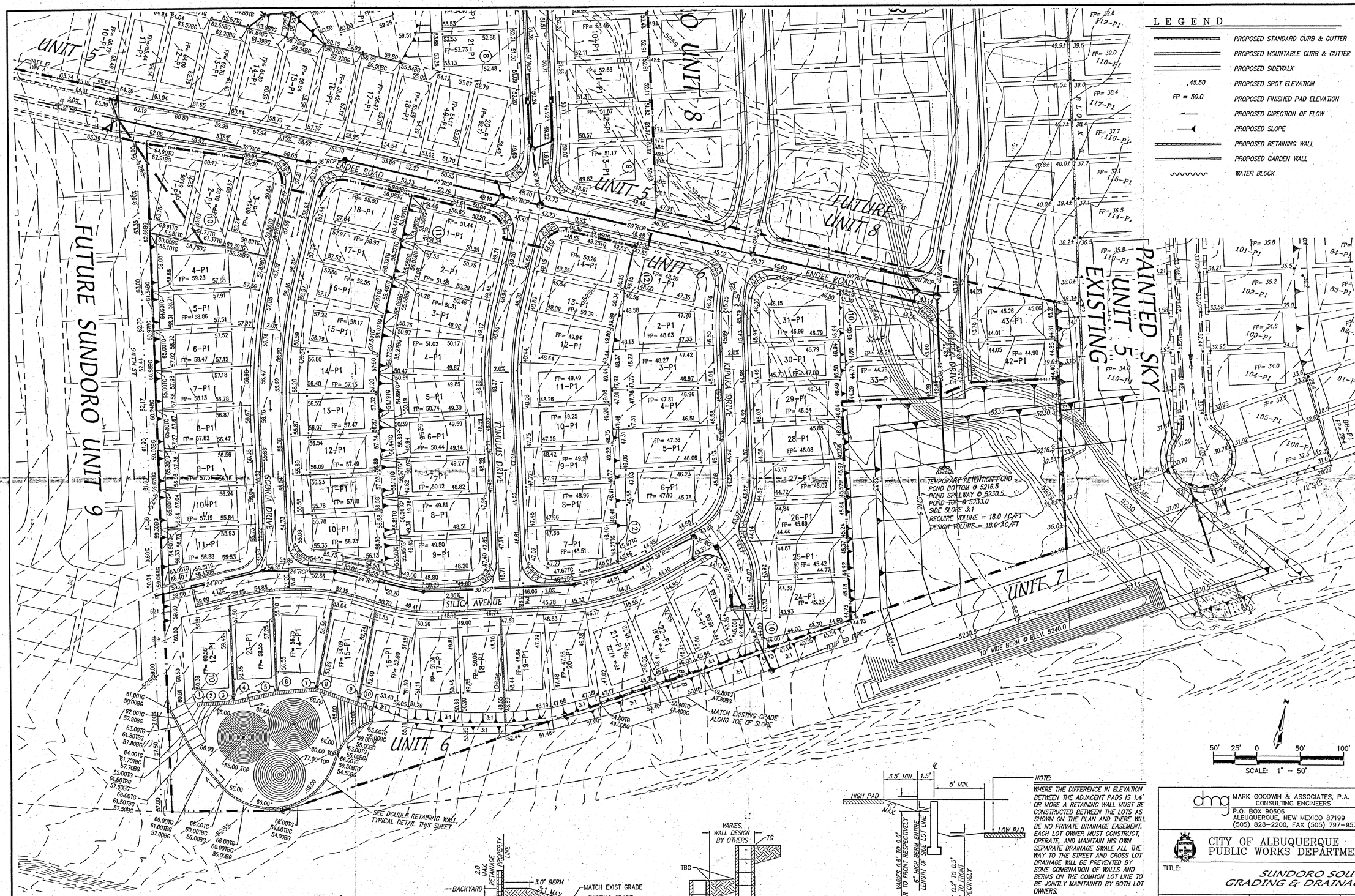
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SUNDORO SOUTH UNIT 5
GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	2

RECEIVED AUG 17 2006

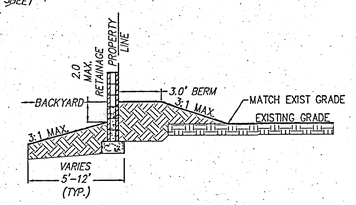


LEGEND

- 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

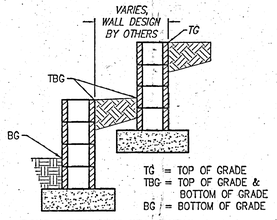
WALL AND GRADE ELEVATION

(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



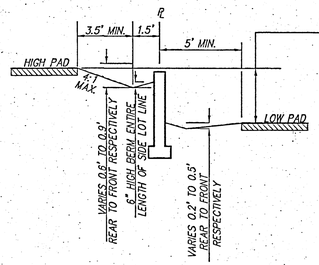
RETAINING WALL / BERM TYPICAL DETAIL B-B

SCALE: NTS



DOUBLE RETAINING WALL DETAIL A-A

SCALE: NTS



PAD TO PAD > 1.4', SECTION B-B

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.

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
AS-BUILT CHANGES ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
WICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "REDWOOD" 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 PILON #M 68 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REDWOOD 1983", 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

DUANE HOELLER NEW MEXICO 15067 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 UNIT 6 GRADING & DRAINAGE PLAN

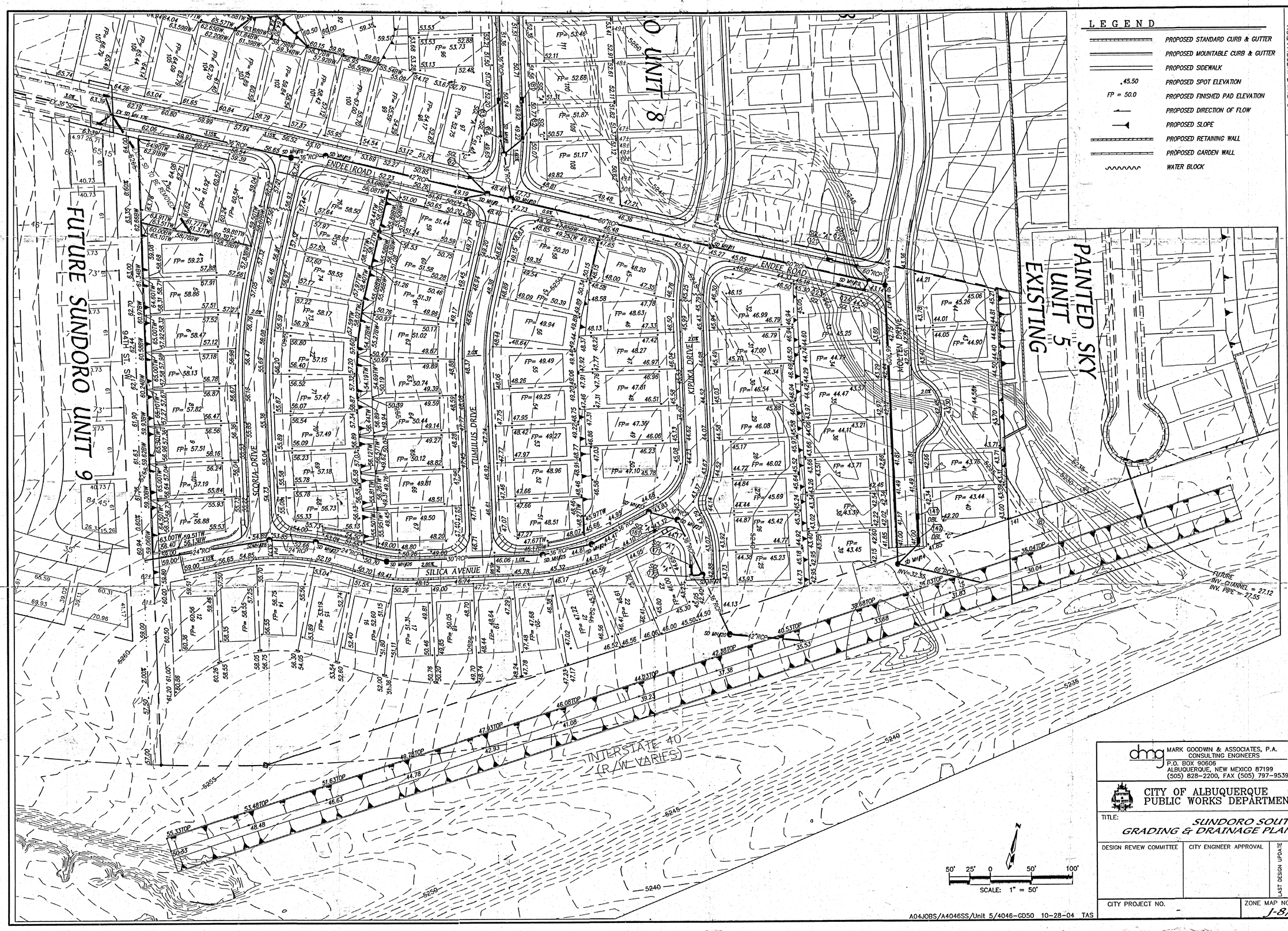
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

RECEIVED FEB 16 2005 HYDROLOGY SECTION

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	2	2

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

F:\A04JOBS\A4046SS\Unit 5\4046-GD50.dwg, SH2 (x50) Pond, 02/15/2005 3:15:17 PM, DMG Inc



A04JOBS/A4046SS/Unit 5/4046-GD50 10-28-04 TAS

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES HOELZER NEW MEXICO 15987 REGISTERED PROFESSIONAL ENGINEER 10-28-04

NO.	DATE	REMARKS	BY
		REVISIONS	

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

dmg MARK GOODWIN & ASSOCIATES, P.A.
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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 (ULTIMATE)

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	1

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 10-28-04 DER TAS

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
WORK INSPECTED BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

STATION "REINARD 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 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 "REINARD 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

NO.	BY	DATE
FIELD NOTES		

ENGINEER'S SEAL

DANE HOELZER
NEW MEXICO
7867
REGISTERED PROFESSIONAL ENGINEER
10-29-04

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

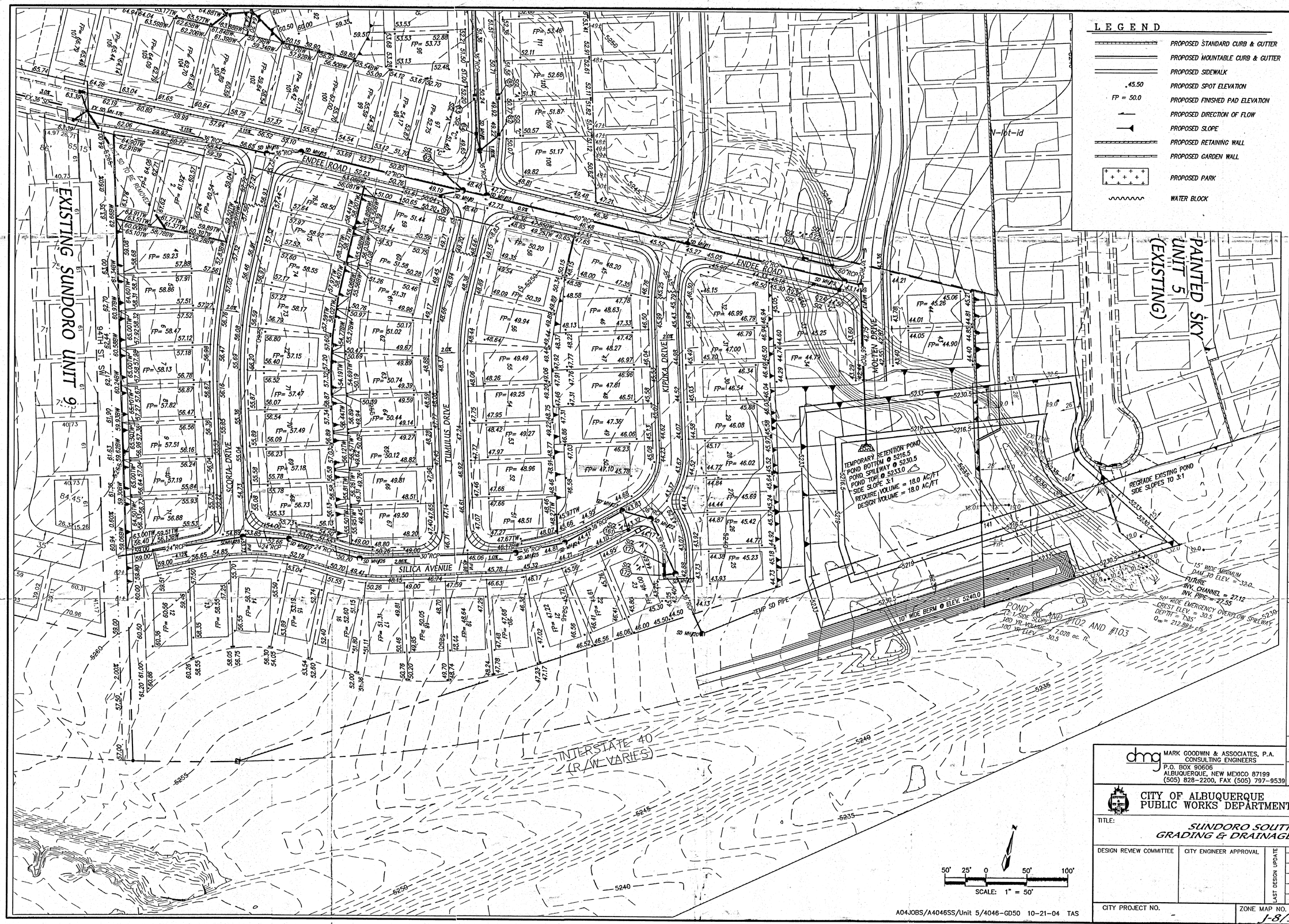
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

RECEIVED
OCT 28 2004
HYDROLOGY SECTION

TITLE:
SUNDORO SOUTH GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	1	2



A04JOBS/A4046SS/Unit 5/4046-GD50 10-21-04 TAS

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	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 88 AND STATION TO LEFT. STATION IS STANDARD USC&GS BRASS TABLET STAMPED "REWARD 1993", 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 HOELLER NEW MEXICO 15967 REGISTERED PROFESSIONAL ENGINEER 10-29-04

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.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	J-8/9	2	2