SCANNED BY PLANNING

Record Drawing

2 3 4 5 6 7 8 9 10 11 12 13 14 15
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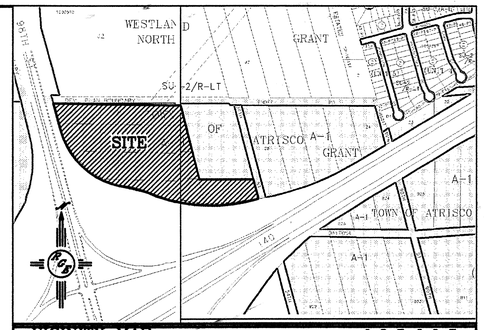
CONSTRUCTION PLANS
FOR
PRIMA ENTRADA SUBDIVISION

UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
MAY 2006

RGE



VICINITY MAP: J-8-Z, J-9-Z

I DAVID SOULE, NMPE 14522 , OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR 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 HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND A SURVEY INFORMATION PROVIDED BY RUSS P. HUGG NMPS 9750.

DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER 7/28/06

NOTICE TO CONTRACTORS

1. 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 (UPDATE #7) INCLUDING ADMENDMENT #1.

2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.

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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCC-UPYING AN INTERSECTION. REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.

8. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

9. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ALL GRAFFITI FROM EQUIPMENT, WHETHER TEMPORARY OR PERMANENT.

10. ALL WORK AFFECTING ARTERIAL ROADWAYS WILL REQUIRE 24 HOUR 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.

☑ SIDEWALKS 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.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Paul Olsen
DATE: 11-13-2008

DRB# -1003523

INDEX TO DRAWINGS

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

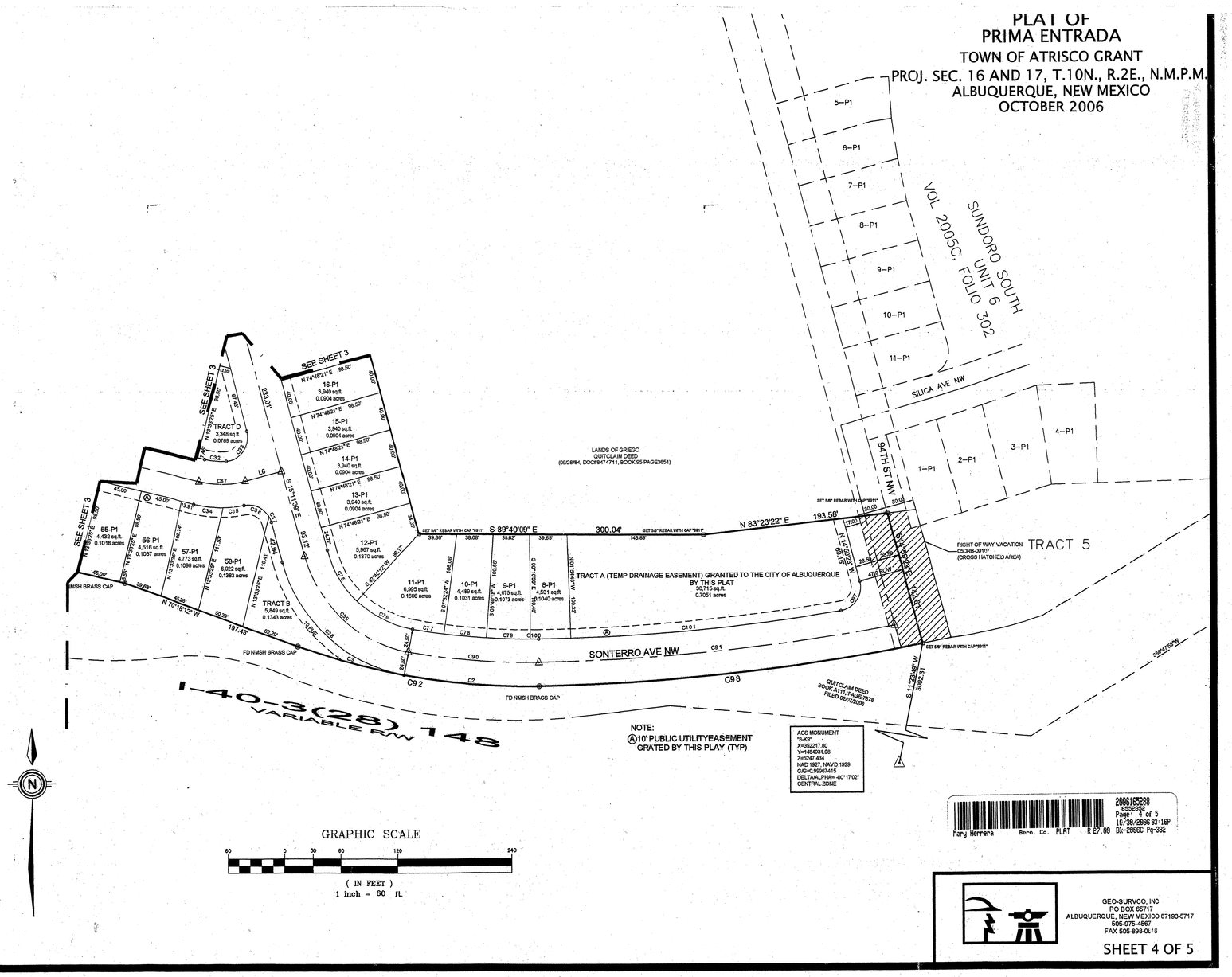
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
DAVID SOULE NEW MEXICO 14522 LICENSED PROFESSIONAL ENGINEER 8/14/06	DRC Chairman		12-19-06
	Transportation		8/21/06
	Water/Wastewater	William O. Roach	8/31/06
	Hydrology	Bradley L. Bingham	9/28/06
	C.I.P		
	Constr. Mngmt.		
	Constr. Coord.		

APPROVED FOR CONSTRUCTION
City Engineer — Date 1-09-07

CITY PROJECT NO. 784481

SHEET 1 OF 23

PLAT OF
PRIMA ENTRADA
TOWN OF ATRISCO GRANT
PROJ. SEC. 16 AND 17, T.10N., R.2E., N.M.P.M.
ALBUQUERQUE, NEW MEXICO
OCTOBER 2006



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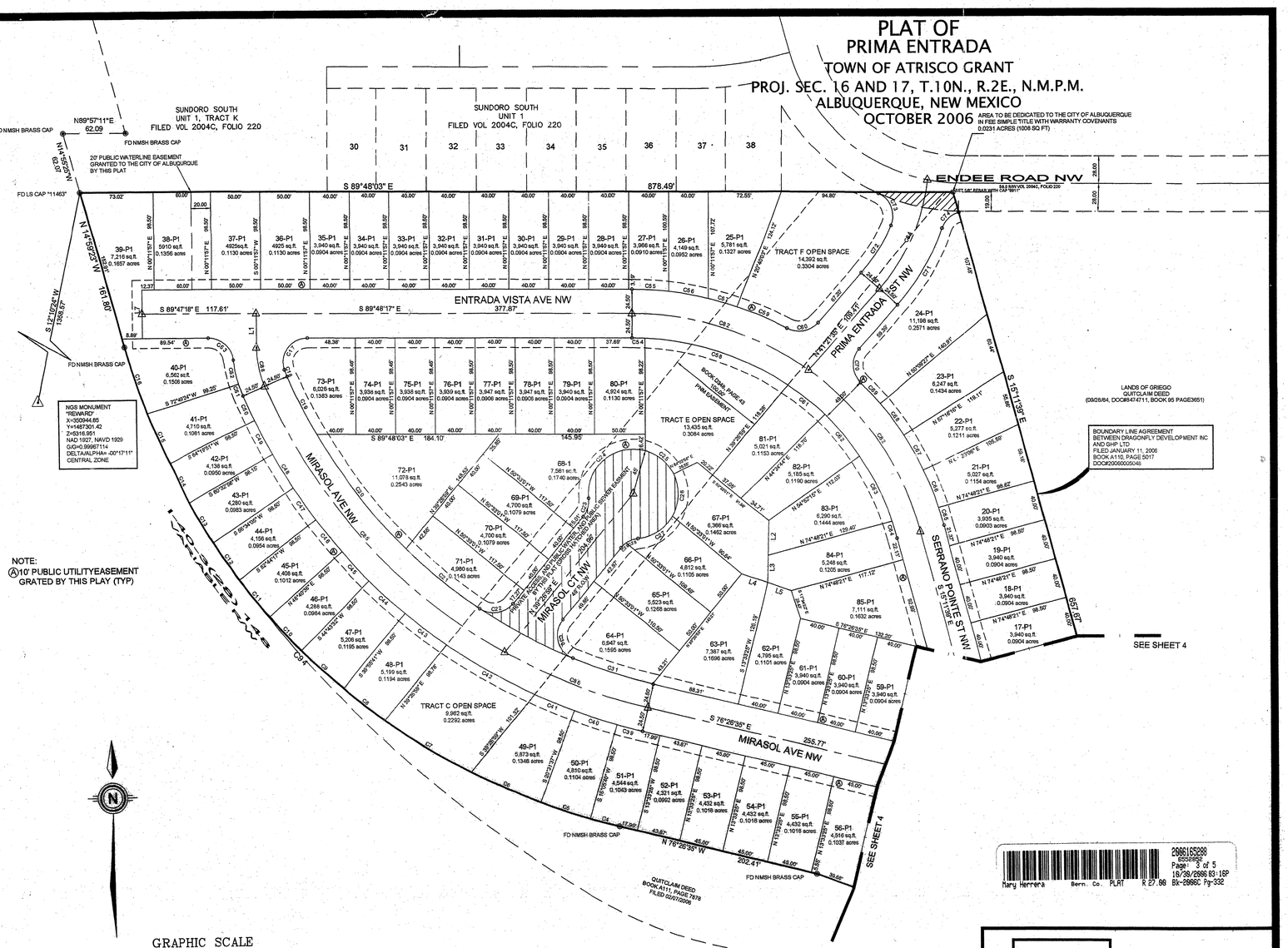
Page: 4 of 5
10/30/2006 03:16P
Bk-2006C Pg-332
Mary Herrera Bern. Co. PLAT R 27.00

GEO-SURVCO, INC
PO BOX 65717
ALBUQUERQUE, NEW MEXICO 87193-5717
505-975-4567
FAX 505-898-0616

SHEET 4 OF 5

PLAT OF
PRIMA ENTRADA
TOWN OF ATRISCO GRANT
PROJ. SEC. 16 AND 17, T.10N., R.2E., N.M.P.M.
ALBUQUERQUE, NEW MEXICO
OCTOBER 2006



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Page: 3 of 5
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SHEET 3 OF 5

SCANNED BY PLANNING

PLAT OF
PRIMA ENTRADA
TOWN OF ATRISCO GRANT
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ALBUQUERQUE, NEW MEXICO
OCTOBER 2006

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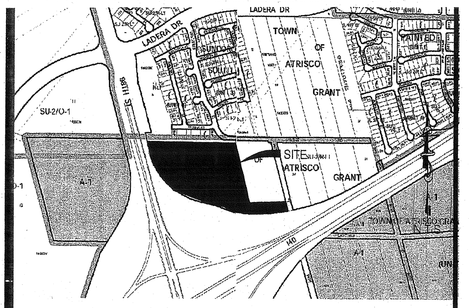

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEYS.
2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1927, AND ARE BASED ON THE ACS CONTROL MONUMENTS REWARD AND 3-H10 , AS SHOWN HEREON.
3. DISTANCES ARE GROUND DISTANCES.
4. PLAT SHOWS ALL EASEMENTS OF RECORD.
5. BEARINGS AND DISTANCES IN PARENTHESES ( ) ARE RECORD
6. GROSS ACREAGE: 14.3557
7. NUMBER OF EXISTING TRACTS/LOTS:5
8. NUMBER OF TRACTS/LOTS CREATED: 78 LOTS, 6 OPEN SPACE AND 1 TEMPORARY DRAINAGE TRACT
9. ACREAGE OF ROAD DEDICATED IN FEE SIMPLE WITH WARRANTY COVENANTS:

10. ZONING: SU-2
11. RECORDS USED:
A. PLAT OF SUNDORO SOUTH BOOK 2004C, FOLIO 220
B. PLAT OF SUNDORO SOUTH UNIT 6 , BOOK 2005C, FOLIO 302
C. ASSESSORS MAP PROVIDED BY ASSESSOR
D. TITLE SEARCH BY LANDAMERICA/ALBUQUERQUE TITLE #243695BB
E. TITLE SEARCH BY FIDELITY NATIONAL TITLE #06-1300-0309-B-SS
F. BOOK D348, PAGE 43, 04-12-66
G. BOOK A111, PAGE 7878
H. BOOK A110, PAGE 5017
12. CITY OF ALBUQUERQUE ZONE ATLAS PAGE: J 8-Z AND J-9-Z
13. UCLS LOG NUMBER: 200611722256
14. ALL CORNERS FOUND AND USED IN THIS SURVEY WERE TAGGED WITH A BRASS DISK STAMPED "GEO-SURV 8911" UNLESS OTHERWISE INDICATED.
15. ALL CORNERS THAT WERE SET ARE EITHER A 5/8" REBAR WITH PLASTIC CAP STAMPED "GEO-SURV 8911" OR A CONCRETE NAIL WITH A BRASS DISK STAMPED "JGI 8911".
16. FIELD SURVEY WERE PERFORMED IN THE MONTH OF AUGUST 2005
17. MILEAGE OF ROAD CREATED: 1.265

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS ON THE PLAT ARE THE COMMON JOINT USE OF

A. PNM ELECTRICAL SERVICES FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, AND OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLE NECESSARY TO PROVIDE ELECTRICAL SERVICES

B. PNM GAS SERVICES FOR INSTALLATION MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITATES REASONABLY NECESSARY TO PROVIDE NATURAL GAS

C. QWEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITATES NECESSARY TO PROVIDE COMMUNICATIONS SERVICE, INCLUDED BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

D. COMCAST CABLE FOR THE INSTA:.LATION, MAINTENANCE AND SERVICE OF SUCH LINES, CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLE TO PROVIDE CABLE TV SERVICE

INCLUDE THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, OPERATE AND MAINTAIN FACILITIES FOR THE PURPOSE DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND THE PRIVILEGE TO TRIM AND REMOVE TRESS, SHRUBS, BUSHES WITCH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL, (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING OR OTHER SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE RESPONSIBLE FOR CORRECTING AND VIOLATIONS OF NATIONAL ELECTRIC SAFETY CODE CAUSED BY THE CONSTRUCTION OF POOLS, DECKING, OR AND STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

E. NO PERMANENT STRUCTURES OR LANDSCAPING OVER 'H' SHALL BE PERMITTED IN THE 100' PNM EASEMENT FILED IN BOOK D348, PG 43.

LEGAL DESCRIPTION

A TRACT OF LAND BEING IDENTIFIED AS A 14.5337 ACRE TRACT AND COMPRISING OF TRACTS NUMBERED 29, 30, 31, 32 AND 33, UNIT 5, TOWN OF ATRISCO GRANT, SITUATED WITHIN PROJECTED SECTIONS 16 AND 17, TOWNSHIP 10 NORTH, RANGE 2 EAST, N.M.P.M., ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, TOGETHER WITH THAT VACATED PORTION OF 94TH STREET NORTHWEST (VAC05DRB-00107) AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF THE TRACT HEREIN DESCRIBED, ALSO BEING A POINT ON THE EASTERLY I-40 RIGHT OF WAY, WHENCE FOR A TIE TO THE NGS MONUMENT "REWARD", BEARS S12°10'24"W, 1358.57 FEET DISTANCE;
THENCE,
S89°48'03"E, 878.49 FEET DISTANCE, LEAVING SAID RIGHT OF WAY TO THE NORTHEAST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,
S15°11'39"E, 657.67 FEET DISTANCE TO A POINT; THENCE,
S89°40'09"E, 300.04 FEET DISTANCE TO A POINT; THENCE,
N83°23'22"E, 193.58 FEET DISTANCE TO A POINT; THENCE,
S14°59'23"E, 142.81 FEET DISTANCE TO A POINT, ALSO BEING A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF I-40, ALSO BEING A POINT ON A CURVE; THENCE,
404.96 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT, (SAID ARC HAVING A CENTRAL ANGLE OF 10°01'29" AND A CHORD BEARING OF S83°56'54"W, 404.46') FEET DISTANCE TO A POINT OF COMPOUND CURVATURE; THENCE,
260.23 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A CENTRAL ANGLE OF 20°45'05" AND A CHORD BEARING OF N80°41'11"W, 258.81') FEET DISTANCE TO A POINT; THENCE,
N70°18'12"W, 197.43 FEET DISTANCE E TO A POINT; THENCE,
N76°26'36"W, 202.41 FEET DISTANCE TO A POINT, ALSO BEING A POINT ON A CURVE; THENCE,
730.10 FEET DISTANCE ALONG THE ARC OF A CURVE BEARING TO THE RIGHT (SAID ARC HAVING A CENTRAL ANGLE OF 81°28'16" AND A CHORD BEARING OF N45°43'22"W, 695.59') FEET DISTANCE TO A POINT OF TANGENCY; THENCE,
N14°59'23"W, 161.80 FEET DISTANCE TO A POINT AND PLACE OF BEGINNING AND CONTAINING 14.5337 ACRES, MORE OR LESS

FREE CONSENT

THE UNDERSIGNED OWNER(S) AND PROPRIETOR'S OF THE PROPERTY DESCRIBED HEREON DO HEREBY CONSENT TO THE PLATTING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THEIR DESIRES AND DO HEREBY REPRESENT THAT THE UNDERSIGNED INDIVIDUALS ARE AUTHORIZED TO SO ACT AND DO HEREBY VACATE EASEMENTS AS SHOWN, GRANT ADDITIONAL EASEMENTS AS SHOWN AND DO HEREBY DEDICATE STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS. SAID OWNERS WARRANT THAT THEY HOLD AMONG THEM COMPLETE AND INDEFEASIBLE TITLE IN FEE SIMPLE TO THE LAND SUBDIVIDED.

OWNER(S) SIGNATURE: _____ DATE: 10-02-06
OWNER(S) PRINT NAME: TIM MCNANEY, MANAGING MEMBER, MONTEREY LAND GROUP II, LLC
ADDRESS: _____ TRACT: _____
ACKNOWLEDGMENT
STATE OF NEW MEXICO)
)SS
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 2nd DAY OF October, 2006.
BY: Tim McNaney
MY COMMISSION EXPIRES: April 28, 09
NOTARY PUBLIC

OFFICIAL SEAL
RENE L. RYAN
Notary Public
State of New Mexico
My Commission Expires 4/28/09

MAINTENANCE AGREEMENT

MAINTENANCE AND OWNERSHIP OF ALL NON TRACTS, AND OPEN SPACE TRACTS WILL BE THE RESPONSIBILTY OF PRIMA ENTRADA HOME OWNERS ASSOCIATION. Private access easement for the benefit of Prima Entrada HOA. Said organization is responsible for all maintenance.

_____ 10-02-06
TIM MCNANEY, MANAGING MEMBER, MONTEREY LAND GROUP II, LLC

SURVEYORS CERTIFICATION

I, DAVID R VIGIL, A REGISTERED PROFESSIONAL NEW MEXICO SURVEYOR NUMBER 8911, CERTIFY THAT I AM RESPONSIBLE FOR THIS SURVEY AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, AND CONFORMS TO THE MINIMUM REQUIREMENTS OF THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS IN OCTOBER 2000 AND MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED THE SUBDIVISION ORDINANCE OF THE CITY OF ALBUQUERQUE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DAVID R VIGIL
NEW MEXICO PROFESSIONAL SURVEYOR 8911
DATE: 10-17-06

DAVID R VIGIL NEW MEXICO 8911 REGISTERED PROFESSIONAL SURVEYOR

TREASURERS CERTIFICATION

THIS IS TO CERTIFY THAT TAXES ARE CURENT ON THE FOLLOWING PROPERTY

UPC#'S 100905802305130901 & 100805849408740220

F. Jaramillo 10-30-06

DISCLOSURE STATEMENT

THE PURPOSE OF THIS PLAT IS TO CREATE SEVENTY-EIGHT (78) LOTS AND SIX (6) OPEN SPACE TRACTS FROM FIVE (5) EXISTING TRACTS, DEDICATE ADDITIONAL RIGHT OF WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE TITLE WITH WARRANTY COVENANTS AND GRANT ADDITIONAL PUBLIC UTILITY EASEMENTS AND ALL PUBLIC ACCESS, WATER AND SEWER EASEMENTS.

PROJECT NUMBER: 1003523
APPLICATION NUMBER: 06DRB-01529

UTILITY APPROVALS:

QWEST	10/20/06 DATE
COMCAST CABLE	10-27-06 DATE
PNM ELECTRICAL AND GAS SERVICES	10-30-06 DATE
CITY APPROVALS	
CITY SURVEYOR	10-18-06 DATE
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	10-20-06 DATE
UTILITIES DEVELOPMENT	10.20-06 DATE
PARKS AND RECREATION DEPARTMENT	10/25/06 DATE
A.M.A.F.C.A.	10-27-06 DATE
CITY ENGINEER	10/25/06 DATE
DRB CHAIRPERSON, PLANNING DEPARTMENT	10/30/06 DATE
REAL PROPERTY DIVISION	N/A DATE

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Page: 1 of 5
10/30/2006 03:16P
Mary Herrera Bern. Co. PLAT R 27.00 BK-2006C Pg-332

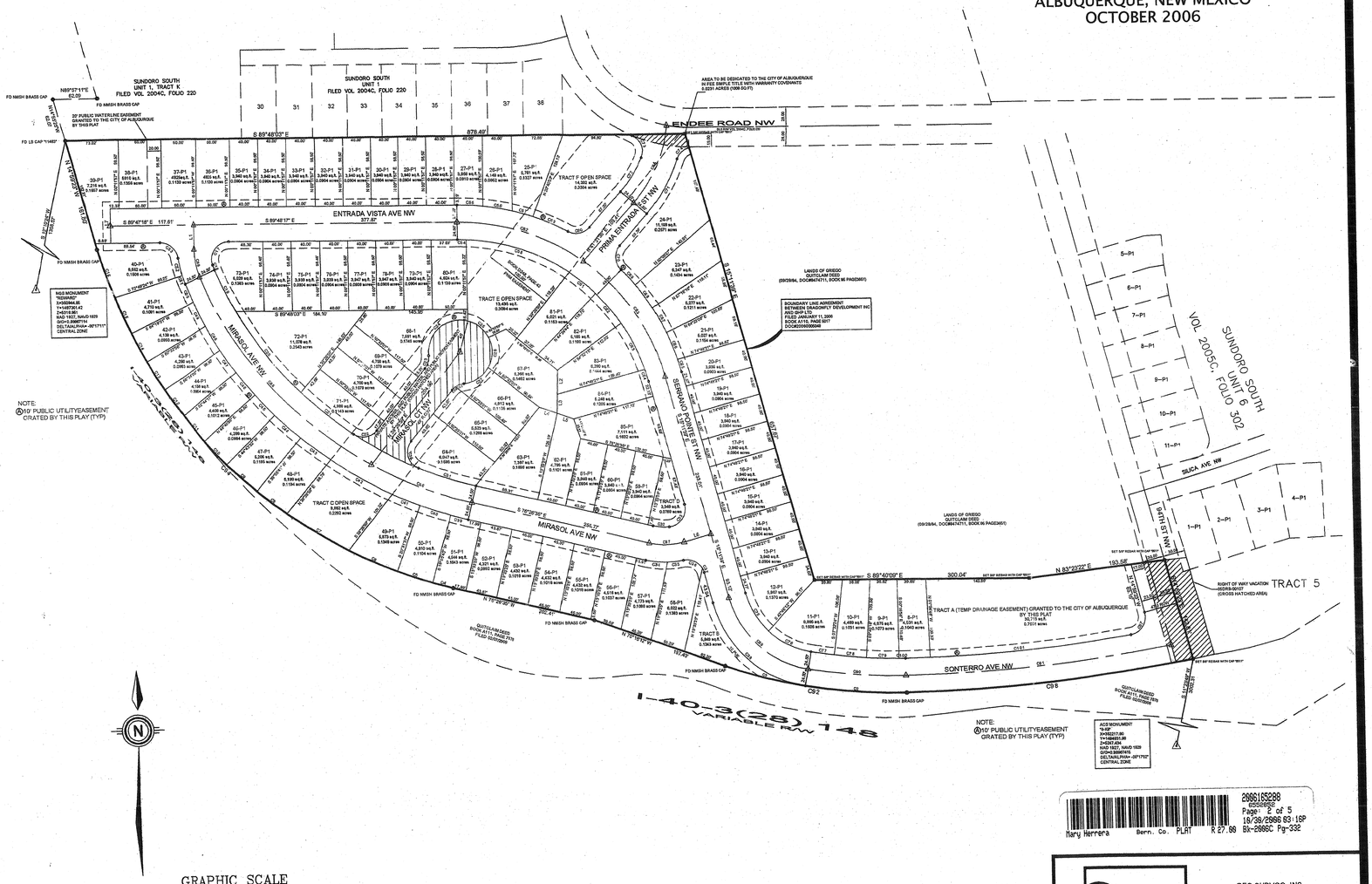
PNM STAMP

IN APPROVING THIS PLAT, PNM ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE AND EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLED.

GEO-SURVCO, INC
PO BOX 65717
ALBUQUERQUE, NEW MEXICO 87193-5717
505-975-4567
FAX 505-898-0616

SHEET 1 OF 5

PLAT OF
PRIMA ENTRADA
TOWN OF ATRISCO GRANT
PROJ. SEC. 16 AND 17, T.10N., R.2E., N.M.P.M.
ALBUQUERQUE, NEW MEXICO
OCTOBER 2006



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Page: 2 of 5
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SHEET 2 OF 5

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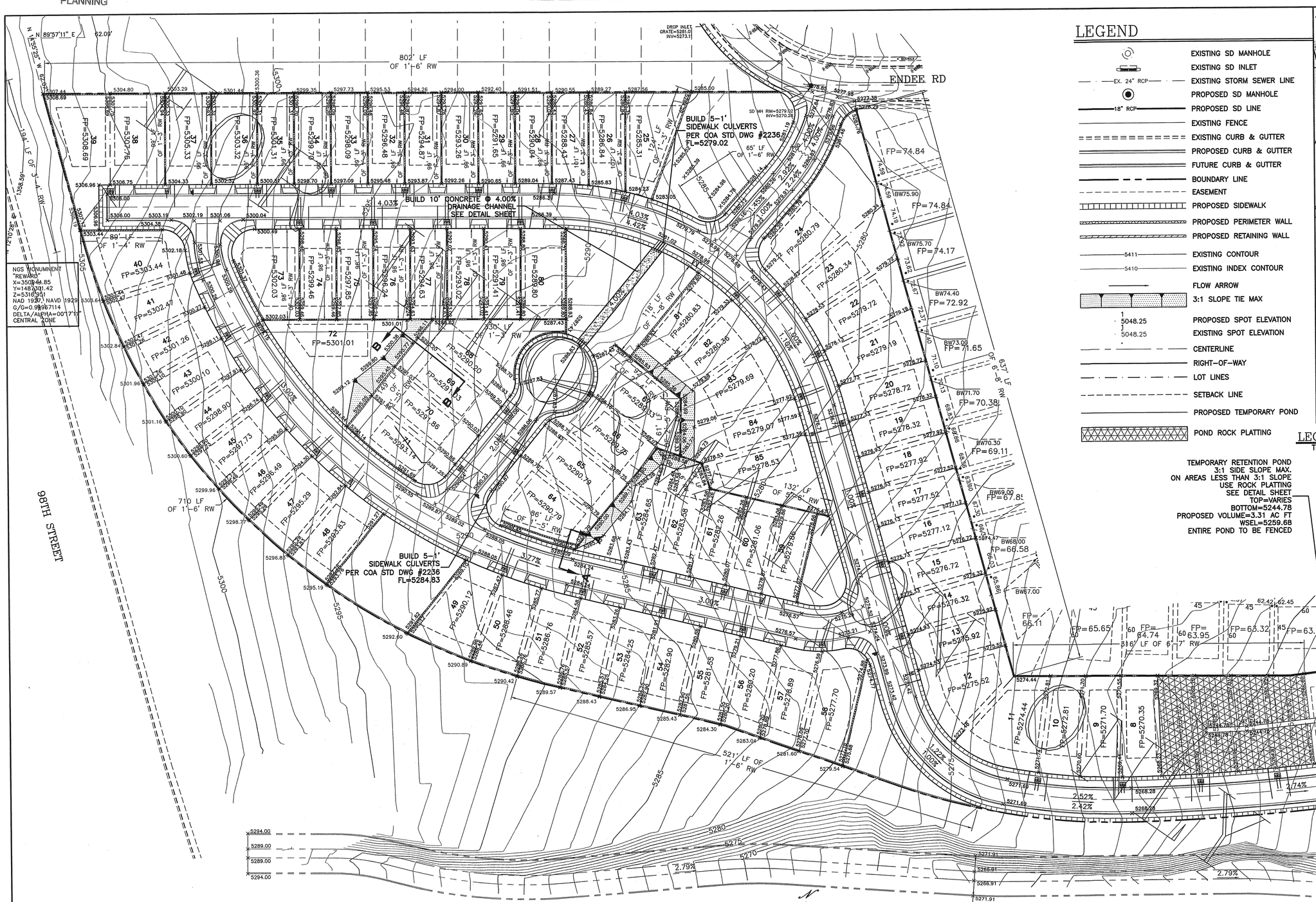
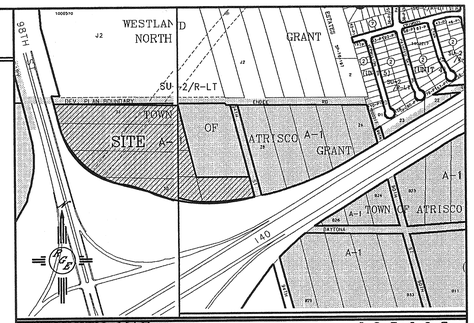
Record Drawing

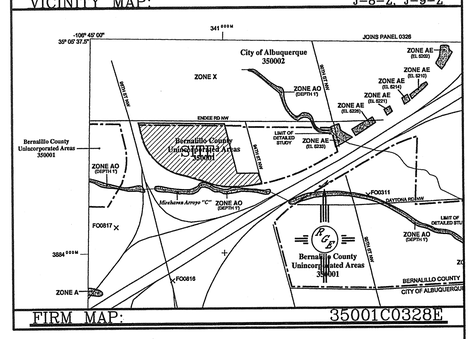


LEGEND

- EXISTING SD MANHOLE
- EXISTING SD INLET
- EXISTING STORM SEWER LINE (EX. 24" RCP)
- PROPOSED SD MANHOLE
- PROPOSED SD LINE (18" RCP)
- EXISTING FENCE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- PROPOSED PERIMETER WALL
- PROPOSED RETAINING WALL
- EXISTING CONTOUR (5411)
- EXISTING INDEX CONTOUR (5410)
- FLOW ARROW
- 3:1 SLOPE TIE MAX
- PROPOSED SPOT ELEVATION (5048.25)
- EXISTING SPOT ELEVATION (5048.25)
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- SETBACK LINE
- PROPOSED TEMPORARY POND
- POND ROCK PLATTING



VICINITY MAP: J-8-Z, J-9-Z



FIRM MAP: 35001C0328E

LEGAL DESCRIPTION:

TRACTS 30,31,32,33 TOWN OF ATRISCO GRANT UNIT

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL CURB AND GUTTER TO BE STANDARD PER COA STD DWG #2415A UNLESS OTHERWISE NOTED.
4. ALL PADS SHALL BE BUILT PER FOOTPRINT SHOWN.
5. ALL DRIVEPADS SHALL BE BUILT WHERE SHOWN.

N

RGE

50 25 0 25 50

SCALE: 1"=50'

CAUTION:

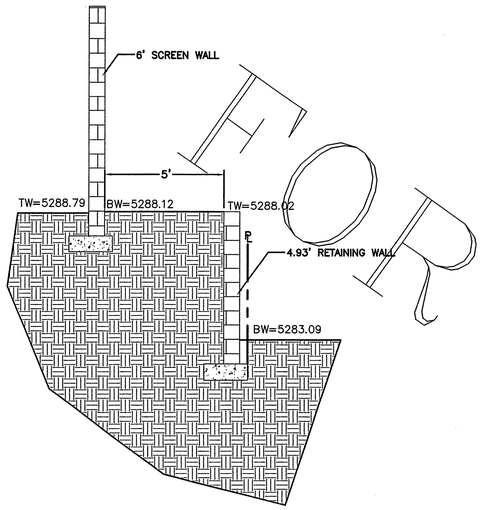
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

ROUGH GRADING APPROVAL DATE

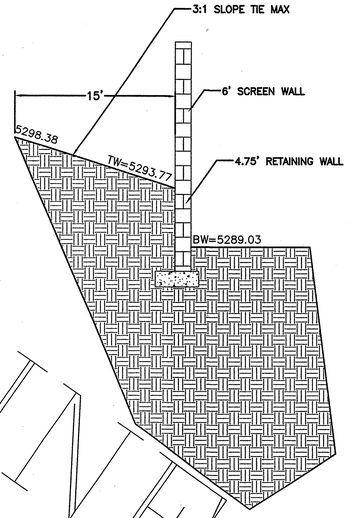
ENGINEER'S SEAL: DAVID SOULE NEW MEXICO 14522 LICENSED PROFESSIONAL ENGINEER	PRIMA ENTRADA	DRAWN BY WCWJ
		DATE 11-21-05
	GRADING AND DRAINAGE PLAN	2421-GRB-11-14-05X
	Rio Grande Engineering, 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	SHEET # 3 OF 23
DAVID SOULE P.E. #14522		JOB # 2421

SCANNED BY PLANNING

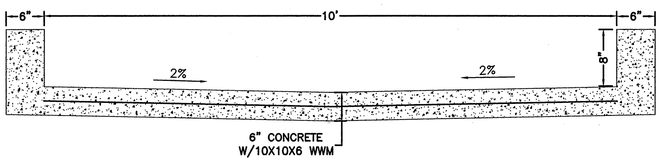
Record Drawing



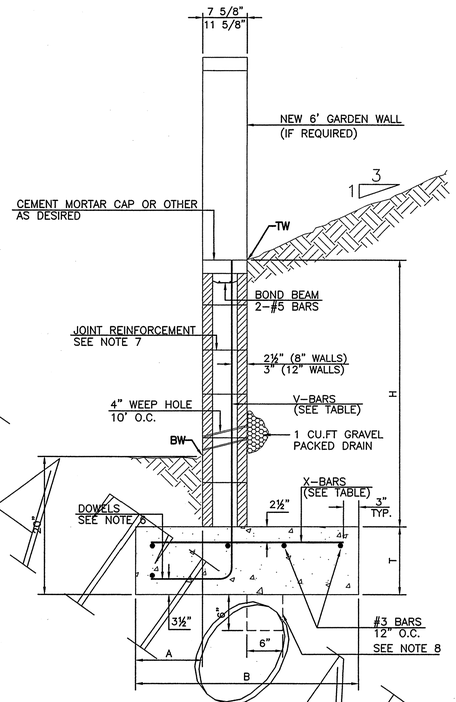
SECTION A–A
NTS



SECTION B–B
NTS



10' CONCRETE CHANNEL DETAIL
NTS



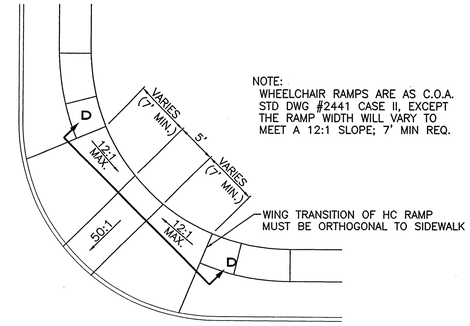
RETAINING WALL DETAIL
NTS

8 INCH REINFORCED CONCRETE MASONRY WALL

H	A	B	T	V–BARS	X–BARS
ft.–in.	in.	ft.–in.	in.		
3'–4"	8"	2'–4"	9"	#4 @32" O.C.	#4 @34" O.C.
4'–0"	10"	2'–9"	9"	#4 @32" O.C.	#4 @36" O.C.
4'–8"	12"	3'–4"	10"	#4 @24" O.C.	#4 @24" O.C.
5'–4"	14"	3'–8"	10"	#4 @16" O.C.	#4 @16" O.C.
6'–0"	16"	4'–2"	12"	#4 @16" O.C.	#4 @16" O.C.

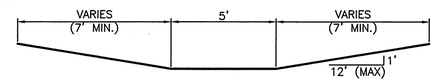
12 INCH REINFORCED CONCRETE MASONRY WALL

H	A	B	T	V–BARS	X–BARS
ft.–in.	in.	ft.–in.	in.		
5'–4"	14"	3'–8"	10"	#4 @24" O.C.	#4 @ 16" O.C.
6'–0"	15"	4'–2"	12"	#4 @16" O.C.	#4 @ 16" O.C.
6'–8"	16"	4'–6"	12"	#6 @24" O.C.	#4 @ 16" O.C.
7'–4"	18"	5'–0"	14"	#6 @16" O.C.	#5 @ 16" O.C.
8'–0"	20"	5'–6"	14"	#7 @24" O.C.	#5 @ 16" O.C.

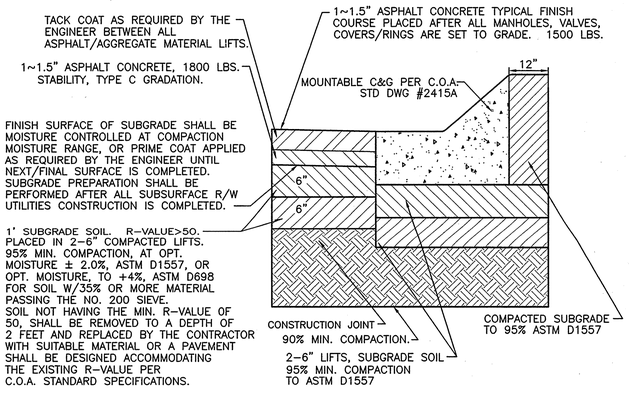


NOTE:
WHEELCHAIR RAMPS ARE AS C.O.A. STD DWG #2441 CASE II, EXCEPT THE RAMP WIDTH WILL VARY TO MEET A 12:1 SLOPE; 7' MIN REQ.

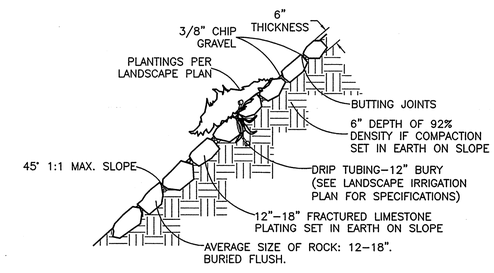
WHEELCHAIR RAMP DETAIL (TYP.)
NTS



SECTION D–D
NTS



RESIDENTIAL PAVING SECTION (MOUNTABLE CURB)
NTS



ROCK PLATING DETAIL
GREY LIMESTONE NTS

GENERAL NOTES:

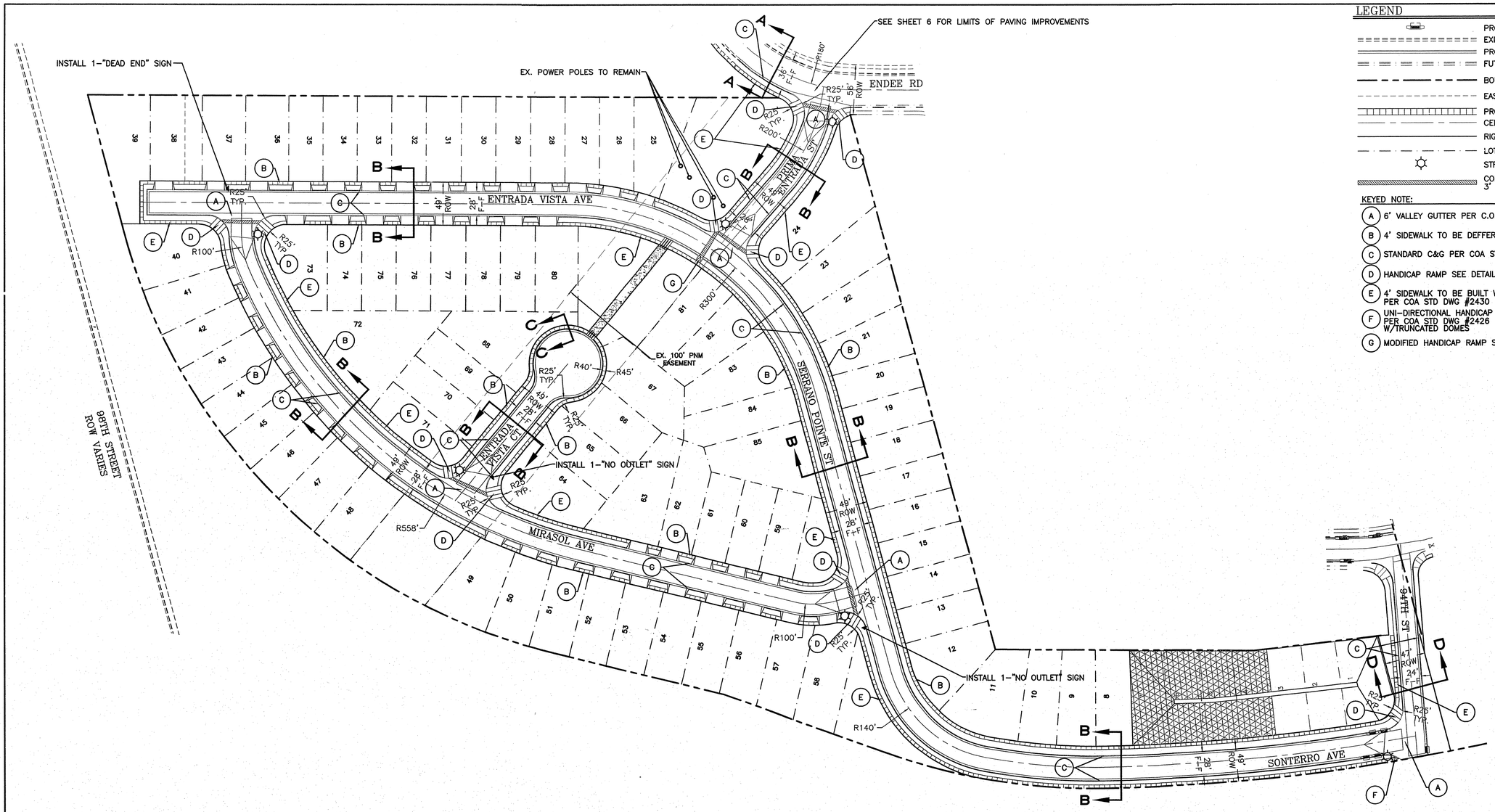
1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.
3. BACKFILL AGAINST WALLS IS TO BE HAND–PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR–O–WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V–BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. JOINT REINFORCEMENT CONSISTING OF 9GA. LONGITUDINAL WIRE AND 3/16" CROSS RODS SHALL BE PROVIDED AT 8" CENTERS VERTICALLY.
8. PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 5'–0"
9. USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.

FOR INFORMATIONAL ONLY

ENGINEER'S SEAL	PRIMA ENTRADA	DRAWN BY WCWJ
		DATE 10–27–05
DAVID SOULE NEW MEXICO 14522 LICENSED PROFESSIONAL ENGINEER 11/29/05	GRADING AND DRAINAGE DETAILS	2421–GRB–8–16–05X
	Rio Grande Engineering, 1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872–0999	SHEET # 4 OF 23
DAVID SOULE P.E. #14522		JOB # 2421

SCANNED BY
PLANNING

Record Drawing



LEGEND

- PROPOSED SNGL. "A" INLET
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- STREET LIGHTS
- CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL THIS SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430
- (F) UNI-DIRECTIONAL HANDICAP RAMP PER COA STD DWG #2426 W/TRUNCATED DOMES
- (G) MODIFIED HANDICAP RAMP SEE DETAIL THIS SHEET

GENERAL NOTES:

1. ALL WALL FOUNDATIONS/TOE MUST BE OUTSIDE COA ROW.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL ROADWAY SIGNS UNTIL FINAL ACCEPTANCE.

N

60 30 0 30 60

SCALE: 1"=60'

AS BUILT INFORMATION

DATE	DATE	DATE	DATE

BENCH MARKS

ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DAVID SOULE
NEW MEXICO
14652
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: WCWJ DATE: 1-24-06
DRAWN BY: WCWJ DATE: 1-24-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 1-27-06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 972-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

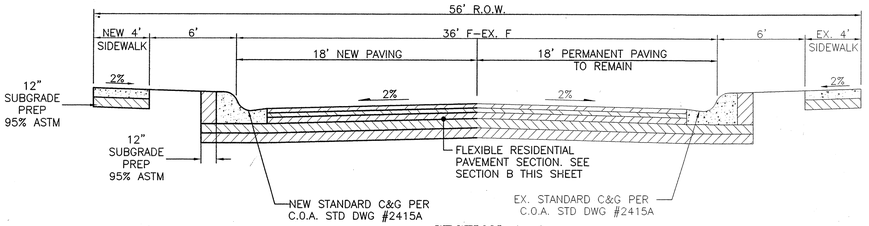
TITLE: **PRIMA ENTRADA SUBDIVISION**
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
REVIEWED JAN - 9 2007	APPROVED JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	5	23

SCANNED BY PLANNING

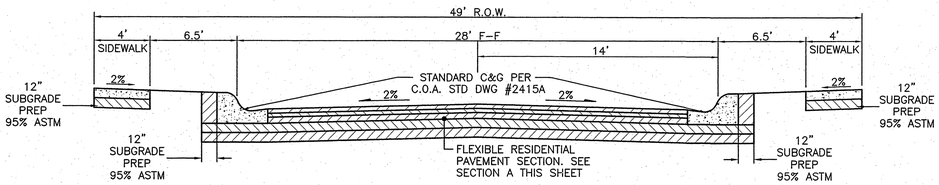
Record Drawing



SECTION A–A

TYPICAL 36' STREET SECTION W/ STANDARD C AND G

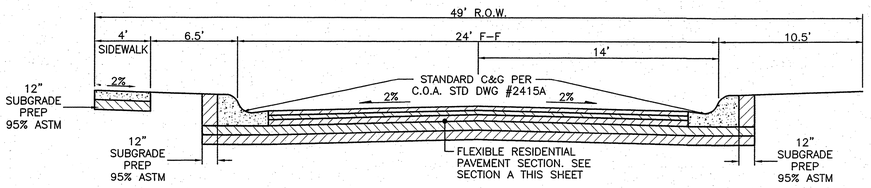
NTS



SECTION B–B

TYPICAL 28' STREET SECTION W/ STANDARD C AND G

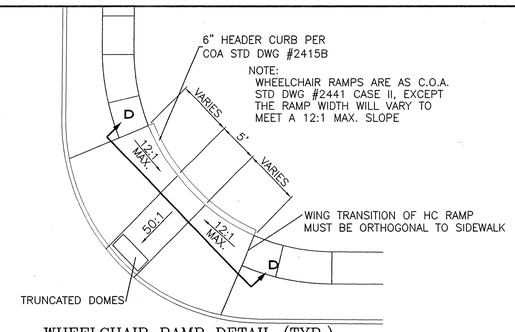
NTS



SECTION D–D

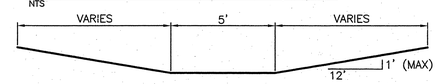
TYPICAL 24' STREET SECTION W/ STANDARD C AND G

NTS



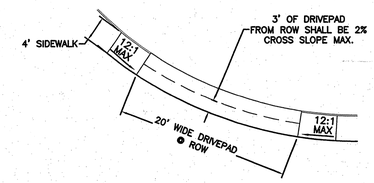
WHEELCHAIR RAMP DETAIL (TYP.)

NTS



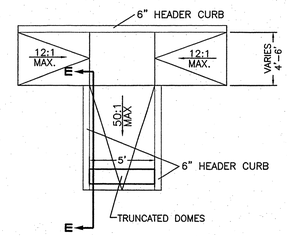
SECTION D–D

NTS



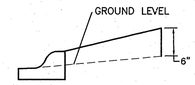
DRIVEPAD DETAIL (DRIVEPAD TO BE BUILT W/HOUSE)

NTS–FOR LOTS 66,67,68



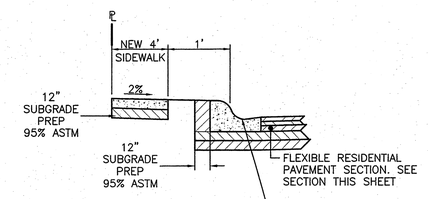
MODIFIED WHEELCHAIR RAMP DETAIL

NTS



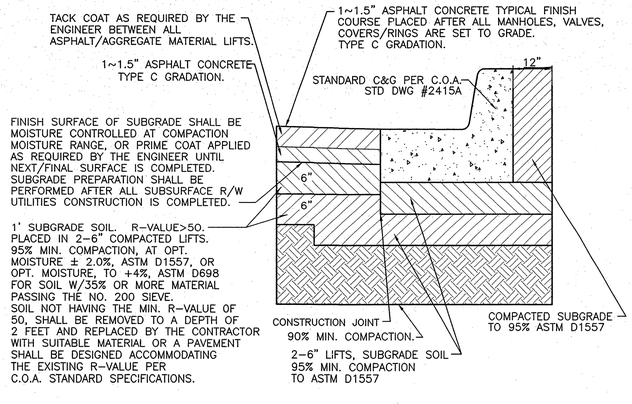
SECTION E–E

NTS



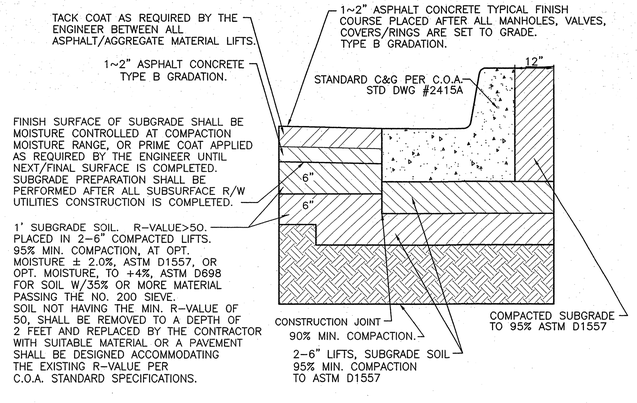
SECTION C–C

NTS



SECTION A–RESIDENTIAL PAVING SECTION (STANDARD CURB)

NTS



SECTION B–RESIDENTIAL PAVING SECTION (STANDARD CURB) FOR ENDEE RD AND PRIMA ENTRADA ST

NTS

AS BUILT INFORMATION

BENCH MARKS	
ACS MONUMENT	DATE
NM CENTRAL PLANE	DATE
"8–K9"	DATE
X=352217.80	DATE
Y=1484931.98	
Z=5247.434	DATE
NAD 1927, NAVD 1929	
G/G=0.99967415	
DELTA/ALPHA=0017'02"	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DAVID SOULE NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: WCWJ DATE: 1–24–06

DRAWN BY: WCWJ DATE: 1–24–06

DRAWN NAME: 2421–DRC–11–14–05X.DWG JOB NO.: 2421

CHECKED BY: DS DATE: 1–27–06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**

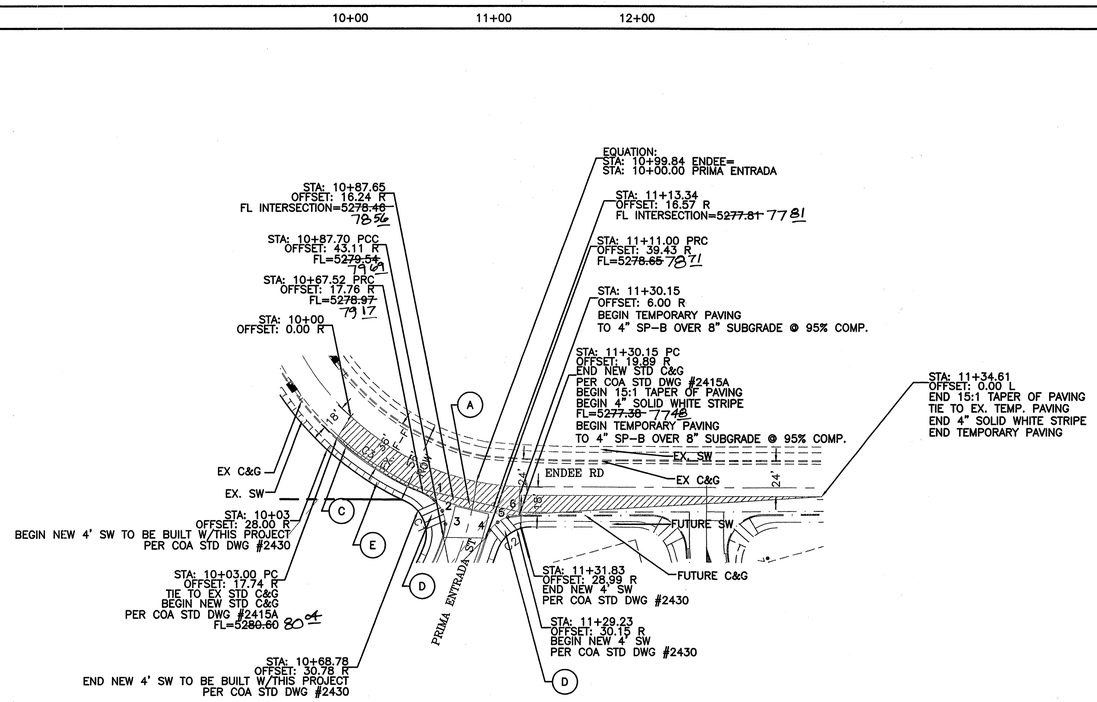
MASTER PAVING PLAN DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE JAN – 9 2007 REVIEW COMMITTEE	APPROVE JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	5A	23

SCANNED BY PLANNING

Record Drawing



ENDEE PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C1	38.21	25.00	87°34'10"	N24°37'52"W	34.60
C2	31.70	25.00	72°39'06"	S53°28'27"W	29.62
C3	70.88	198.00	20°30'41"	S58°09'37"E	70.50

QUARTER POINTS

C1	FL	ELEV.	C2	FL	ELEV.
	1	5279.18		4	5278.38
	2	5279.40		5	5278.10
	3	5279.47		6	5277.74

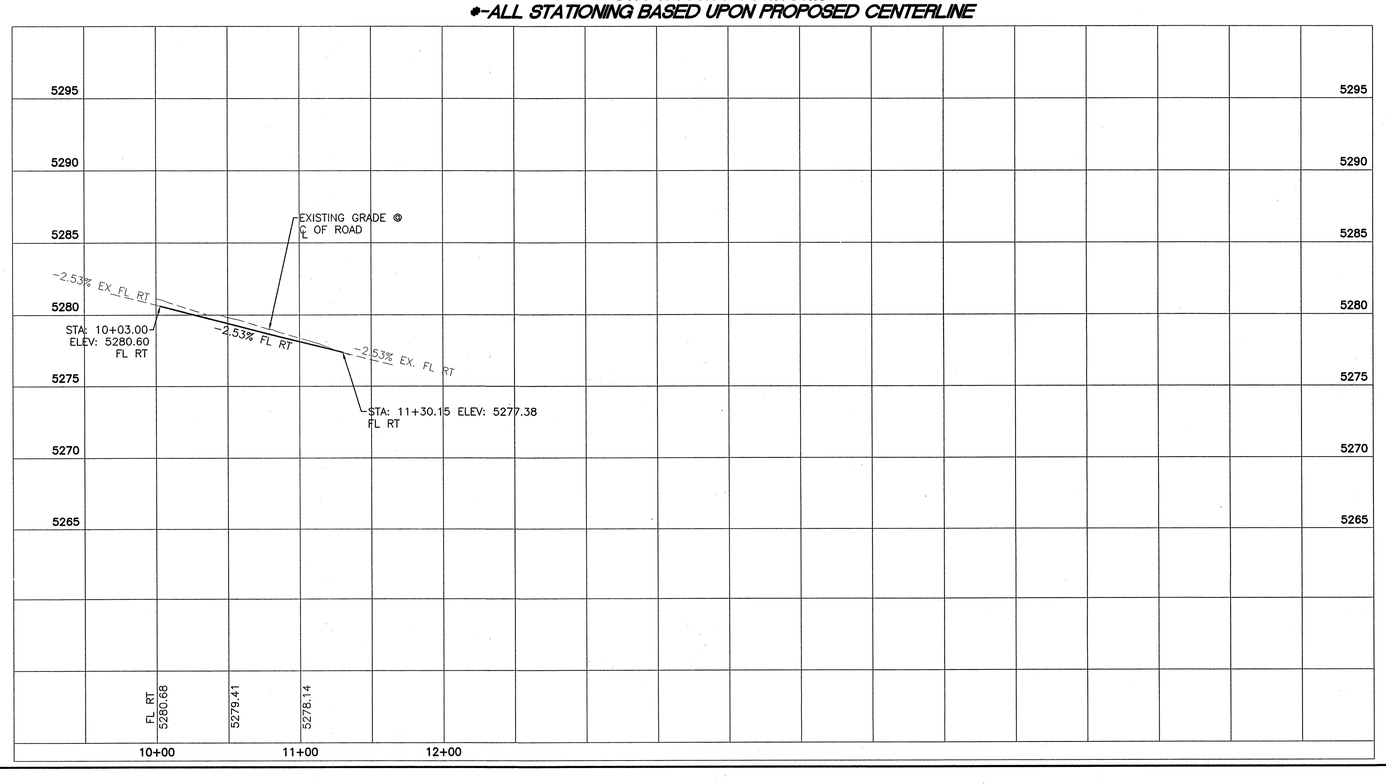
NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. LIMITS OF NEW PAVING

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430

ENDEE ROAD
STA: 10+00.00 TO 11+35.15
℄-ALL STATIONING BASED UPON PROPOSED CENTERLINE



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
ENDEE ROAD

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	6	23

AS BUILT INFORMATION
CONTRACTOR Vallis Bros
WORK STAKED BY Survy Tech DATE 06/07
INSPECTOR'S ACCEPTANCE BY KCF DATE 7/1/07
FIELD VERIFICATION BY ST DATE 07/07
DRAWINGS CORRECTED BY ST DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14527 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

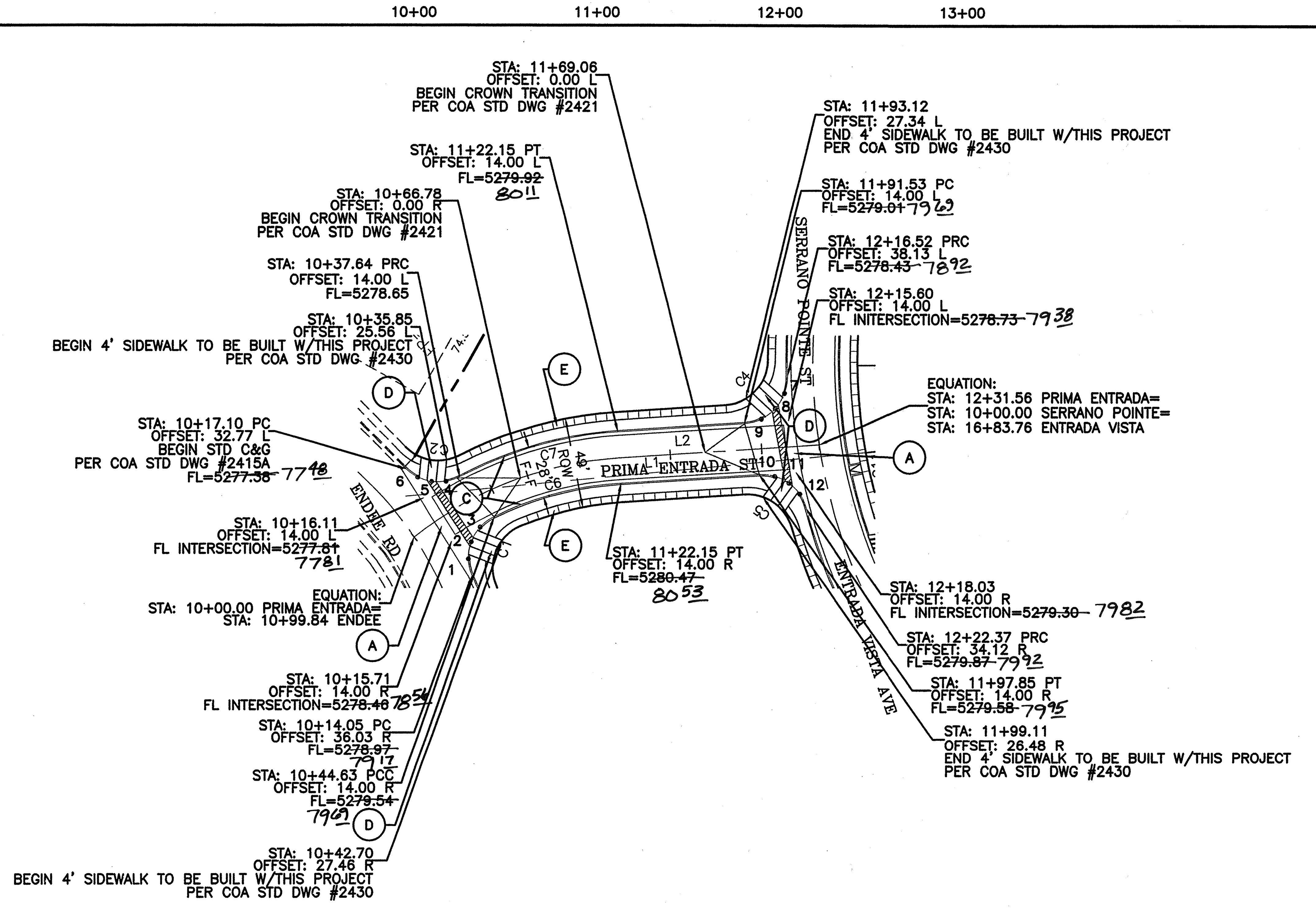
NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY
PLANNING

Record Drawing



PRIMA ENTRADA PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C1	38.21	25.00	87°34'10"	N24°37'52"W	34.60
C2	31.70	25.00	72°39'06"	S53°28'27"W	29.62
C4	38.40	25.00	88°00'15"	S02°38'32"E	34.73
C5	34.36	25.00	78°44'24"	N80°43'47"E	31.72
C6	72.09	186.00	22°12'22"	N30°15'24"E	71.64
C7	92.15	214.00	24°40'18"	N29°01'26"E	91.44

PRIMA ENTRADA PAVING LINE TABLE		
LINE	LENGTH	BEARING
L1	75.70	S41°21'35"W
L2	69.38	S41°21'35"W

QUARTER POINTS

C1

FL	ELEV.
1	5279.18
2	5279.40
3	5279.47

C2

FL	ELEV.
4	5278.38
5	5278.10
6	5277.74

C4

FL	ELEV.
7	5278.57
8	5278.72
9	5278.87

C5

FL	ELEV.
10	5279.40
11	5279.40
12	5279.45

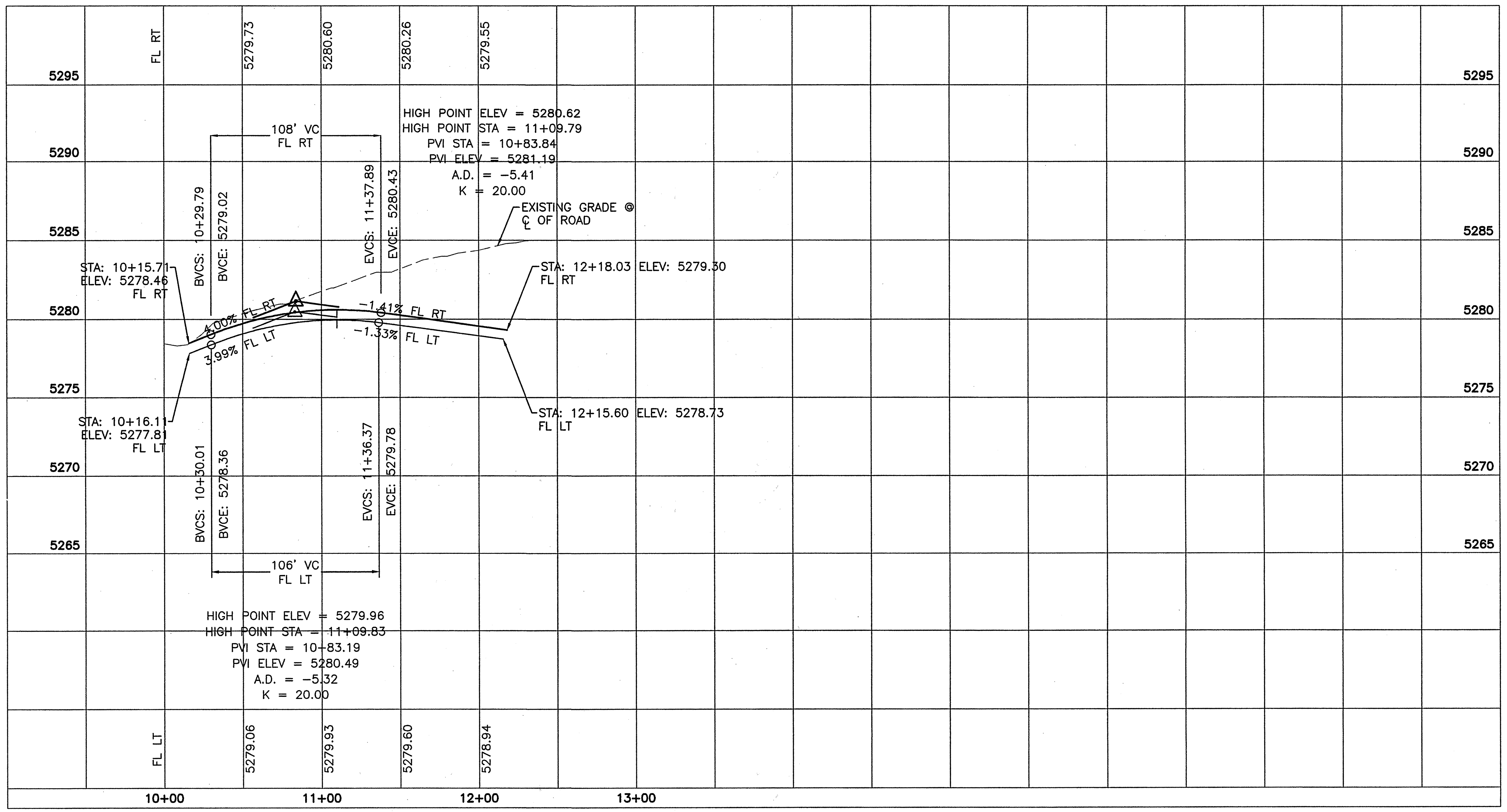
NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX. — ▨

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430

PRIMA ENTRADA STREET
STA: 10+00.00 TO 12+31.56
•-ALL STATIONING BASED UPON PROPOSED CENTERLINE



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

No. 9750
RUSS P. HUGG

DAVID SOULE

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
PRIMA ENTRADA STREET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE	APPROVED JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	7	23

AS BUILT INFORMATION	
CONTRACTOR	Salls Bros
WORK STAKED BY	Surv Tek DATE 06/07
INSPECTOR'S ACCEPTANCE BY	KGF DATE 07/07
FIELD VERIFICATION BY	STI DATE 07/07
DRAWINGS CORRECTED BY	STI DATE 07/07

MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

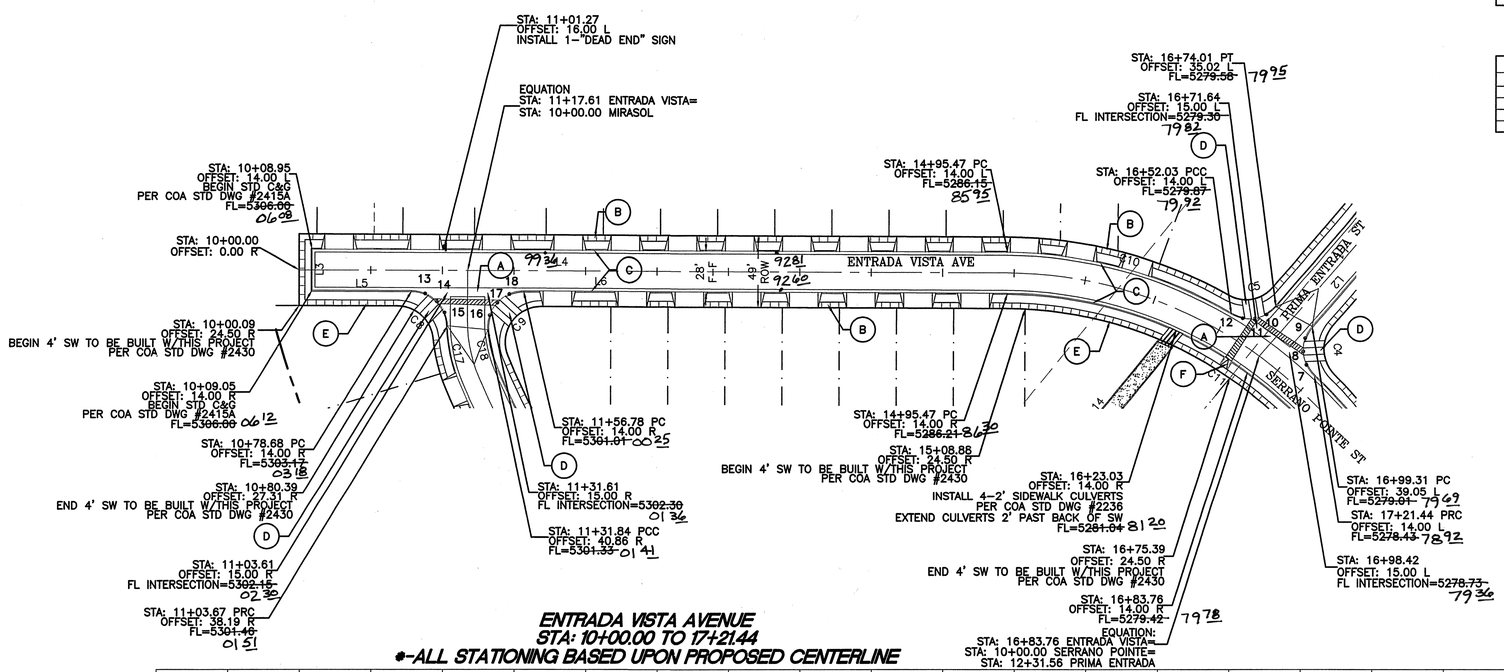
ENGINEER'S SEAL

REVISIONS			
NO.	DATE	REMARKS	BY
		DESIGN	

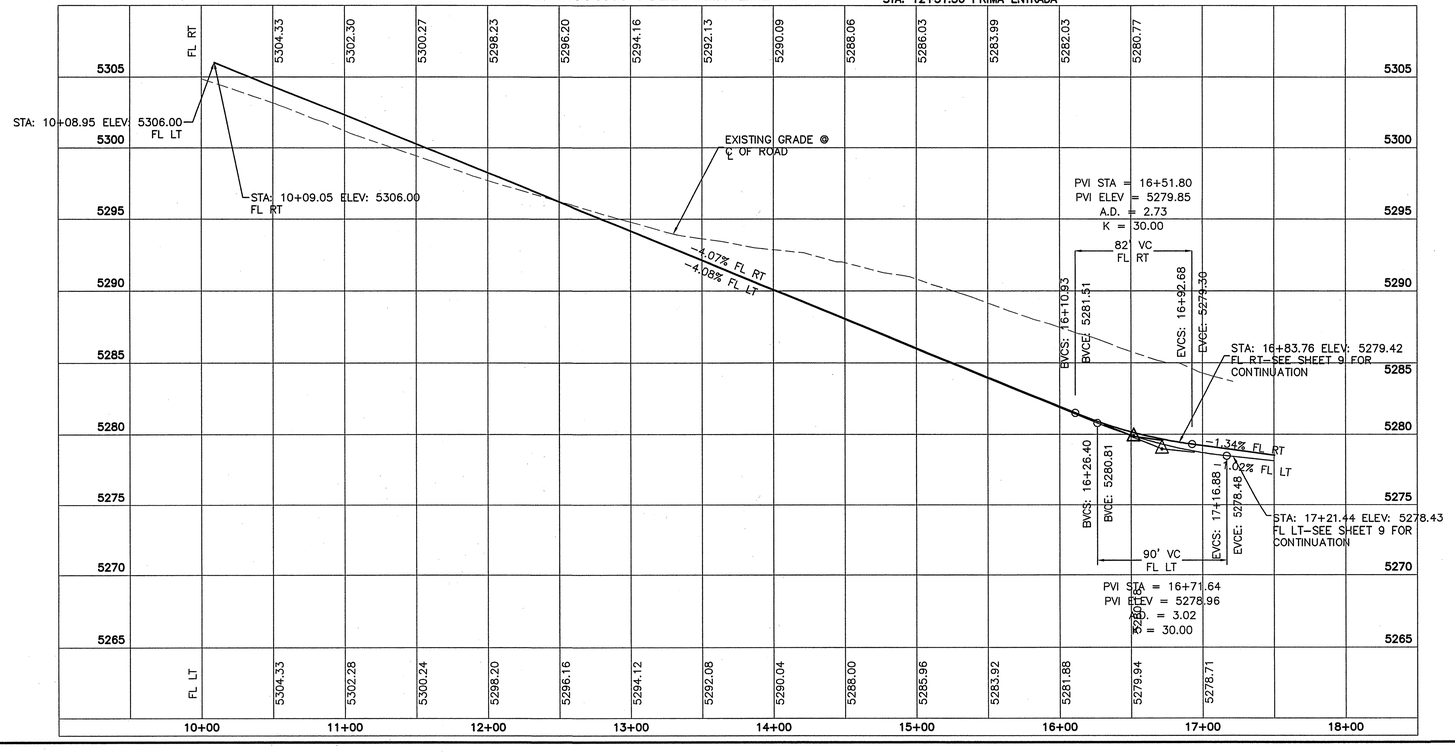
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY PLANNING

Record Drawing



ENTRADA VISTA AVENUE
STA: 10+00.00 TO 17+21.44
#-ALL STATIONING BASED UPON PROPOSED CENTERLINE



ENTRADA VISTA PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C4	38.40	25.00	88°00'15"	S02°38'32"E	34.73
C5	34.36	25.00	78°44'24"	N80°43'47"E	31.72
C8	38.45	25.00	88°07'55"	N45°44'05"W	34.77
C9	41.13	25.00	94°15'35"	S43°04'10"W	36.64
C10	163.86	314.00	29°54'02"	N74°51'02"W	162.01
C11	372.41	286.00	74°36'24"	N52°29'51"W	346.65

ENTRADA VISTA PAVING LINE TABLE		
LINE	LENGTH	BEARING
L3	28.00	N00°00'00"E
L4	486.52	S89°48'03"E
L5	69.63	S89°48'03"E
L6	338.70	S89°48'03"E

QUARTER POINTS

C4	FL	ELEV.
	7	5278.57
	8	5278.72
	9	5278.87

C5	FL	ELEV.
	10	5279.40
	11	5279.40
	12	5279.45

C8	FL	ELEV.
	13	5302.76
	14	5302.35
	15	5301.94

C9	FL	ELEV.
	16	5301.63
	17	5301.80
	18	5301.65

NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:
- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430
- (F) MODIFIED HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

AS BUILT INFORMATION
CONTRACTOR Sills Bros
WORK STAKED BY Curb Tech DATE 6/07
INSPECTED BY Sills Bros DATE 6/07
ACCEPTANCE BY Rio Grande DATE 7/07
FIELD VERIFICATION BY ST DATE 07/07
DRAWINGS CORRECTED BY ST DATE 7/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14537 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
ENTRADA VISTA AVENUE

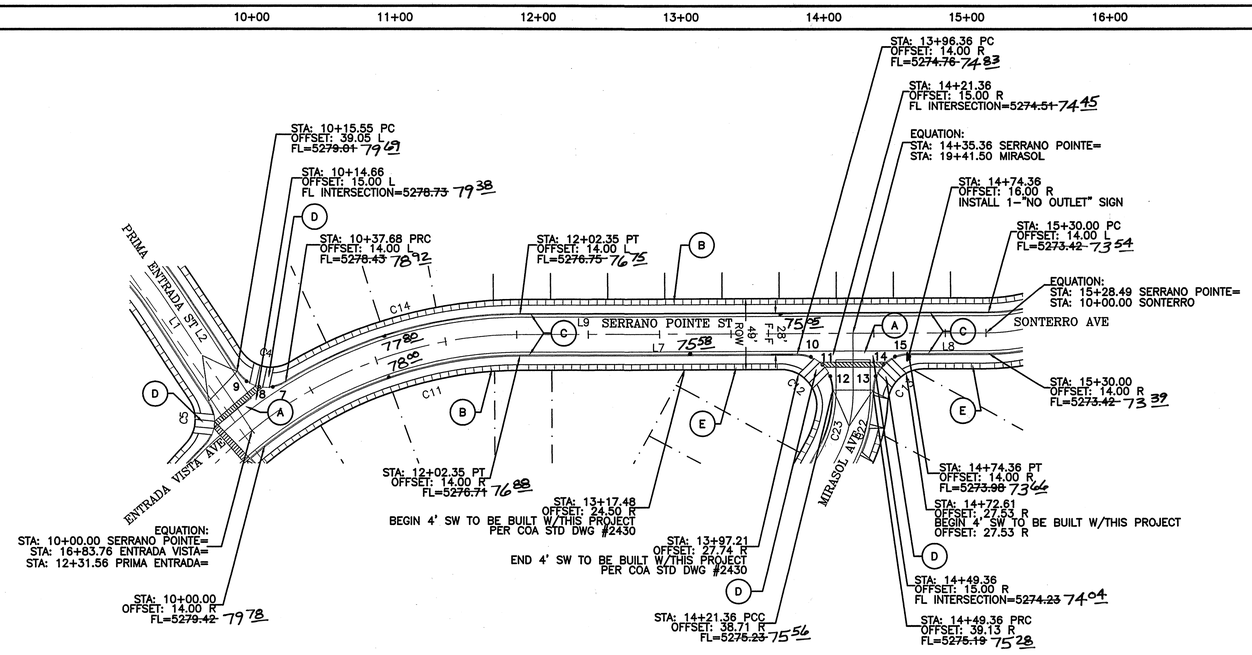
DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 8 OF 23

Record Drawing

SCANNED BY PLANNING



SERRANO POINTE PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C4	38.40	25.00	88°00'15"	S02°38'32"E	34.73
C11	372.41	286.00	74°36'24"	N52°29'51"W	346.65
C12	38.97	25.00	89°19'12"	N29°28'31"E	35.14
C13	39.40	25.00	90°17'39"	N60°20'29"W	35.45
C14	172.36	314.00	31°27'01"	N30°55'09"W	170.20

SERRANO POINTE PAVING LINE TABLE		
LINE	LENGTH	BEARING
L7	194.01	S15°11'39"E
L8	55.79	S15°11'39"E
L9	327.80	S15°11'39"E

QUARTER POINTS

C4

FL	ELEV.
7	5278.57
8	5278.72
9	5278.87

C12

FL	ELEV.
10	5274.88
11	5275.00
12	5275.12

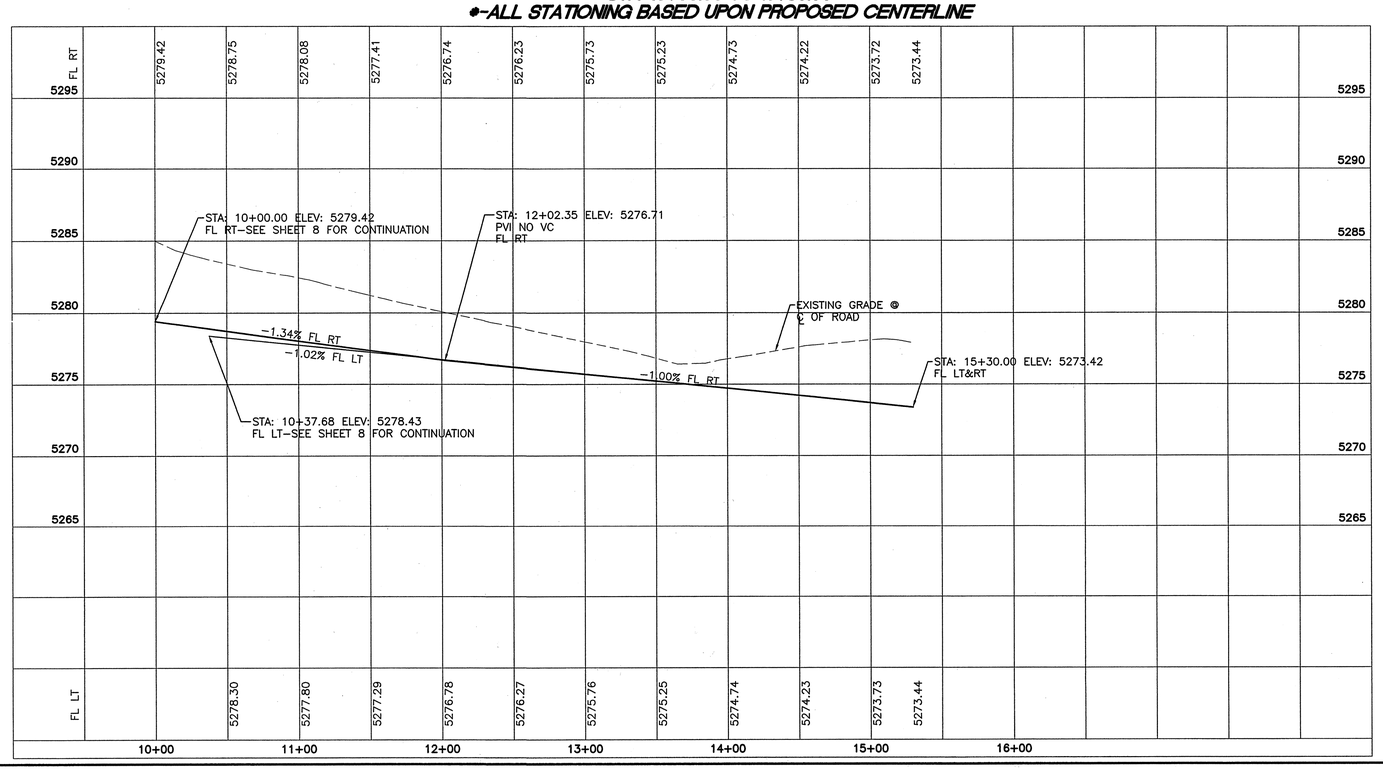
C13

FL	ELEV.
13	5274.90
14	5274.59
15	5274.28

NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:
- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430

SERRANO POINTE STREET
STA: 10+00.00 TO 15+30.00
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
SERRANO POINTE STREET

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	9	23

AS BUILT INFORMATION
CONTRACTOR SOLS BROS
WORK STAKED BY SURVTEC DATE 06/07
INSPECTOR'S ACCEPTANCE BY RSF DATE 07/07
FIELD VERIFICATION BY ST1 DATE 07/07
DRAWINGS CORRECTED BY ST1 DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "8-K9"
NM CENTRAL PLANE
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99987415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

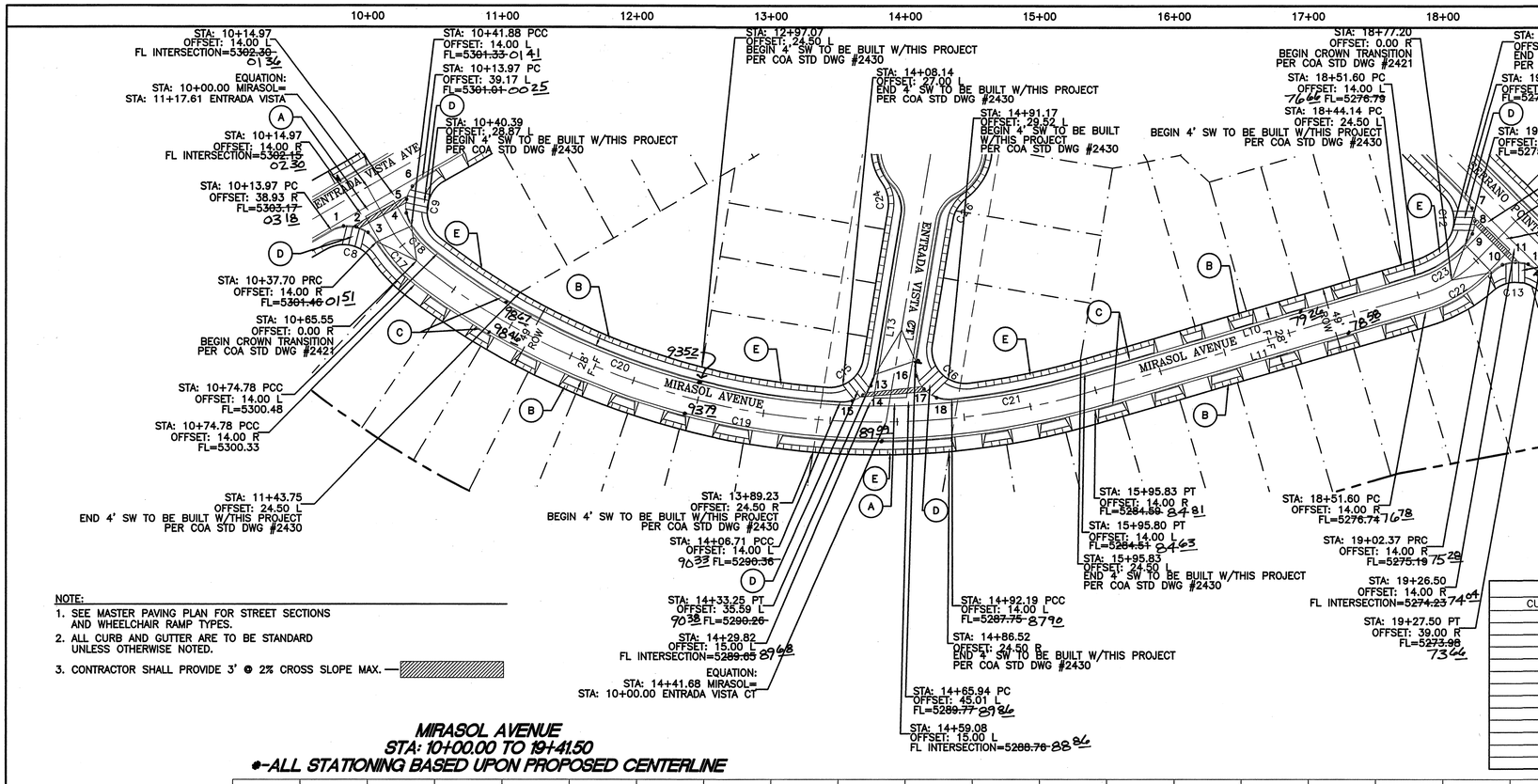
ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14652 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY PLANNING

Record Drawing



KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430

NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

QUARTER POINTS

C8 FL	ELEV.	C9 FL	ELEV.
1	5302.76	4	5301.63
2	5302.35	5	5301.80
3	5301.94	6	5301.65

C12 FL	ELEV.	C13 FL	ELEV.
7	5274.88	10	5274.90
8	5275.00	11	5274.59
9	5275.12	12	5274.28

C15 FL	ELEV.	C16 FL	ELEV.
13	5289.96	16	5289.61
14	5290.00	17	5288.99
15	5290.41	18	5288.37

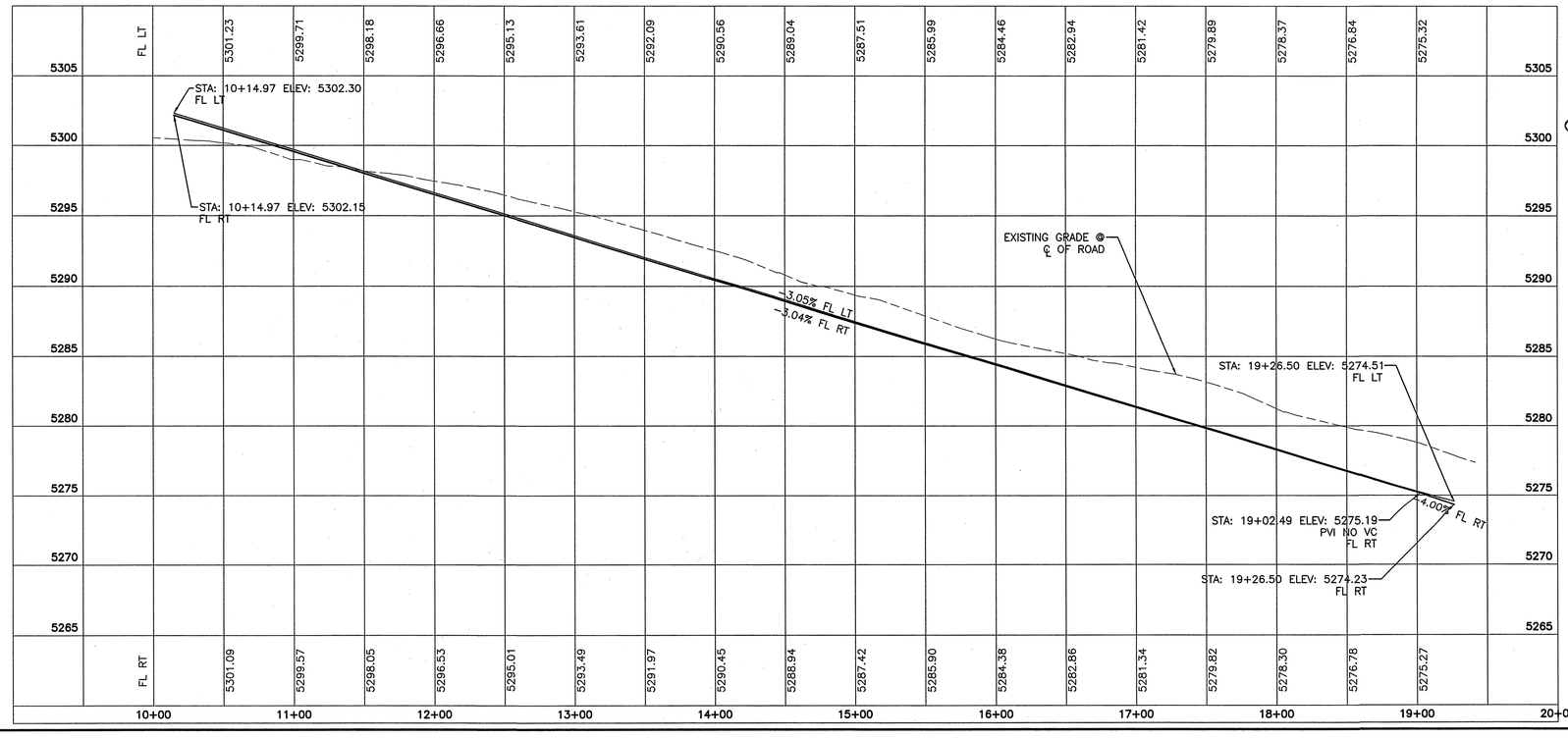
MIRASOL PAVING LINE TABLE

LINE	LENGTH	BEARING
L10	255.81	S76°26'35"E
L11	255.77	S76°26'35"E

MIRASOL PAVING CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C8	38.45	25.00	88°07'55"	N45°44'05"W	34.77
C9	41.13	25.00	94°15'35"	S43°04'10"W	36.64
C12	38.97	25.00	89°19'12"	N29°28'31"E	35.14
C13	39.40	25.00	90°17'39"	N60°20'29"W	35.45
C15	36.44	25.00	83°31'31"	N81°12'44"E	33.30
C16	45.93	25.00	105°15'36"	S13°10'49"E	39.74
C17	42.27	114.00	21°14'39"	S12°17'27"E	42.03
C18	28.30	86.00	18°51'09"	S13°29'12"E	28.17
C19	534.10	571.51	53°32'44"	S49°41'09"E	514.88
C20	323.59	543.51	34°06'44"	S39°58'09"E	318.83
C21	101.05	543.51	10°39'07"	S71°08'11"E	100.90
C22	57.79	114.00	29°02'43"	N89°02'03"E	57.17
C23	44.16	86.00	29°25'17"	N88°50'46"E	43.68

MIRASOL AVENUE
STA: 10+00.00 TO 19+41.50
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
MIRASOL AVENUE

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	10	23

AS BUILT INFORMATION
CONTRACTOR SIMS BROS
WORK STAKED BY SURVTEK DATE 5-06
STAKING CHECKED BY TEK DATE 5-06
ACCEPTANCE BY JCP DATE 6/07
FIELD VERIFICATION BY ST DATE 6/07
DRAWINGS CORRECTED BY ST DATE 6/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
G/S=0.99967415
DELTA/ALPHA=0017'02"

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RUSS P. HUGG NEW MEXICO 9750 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL SURVEYOR

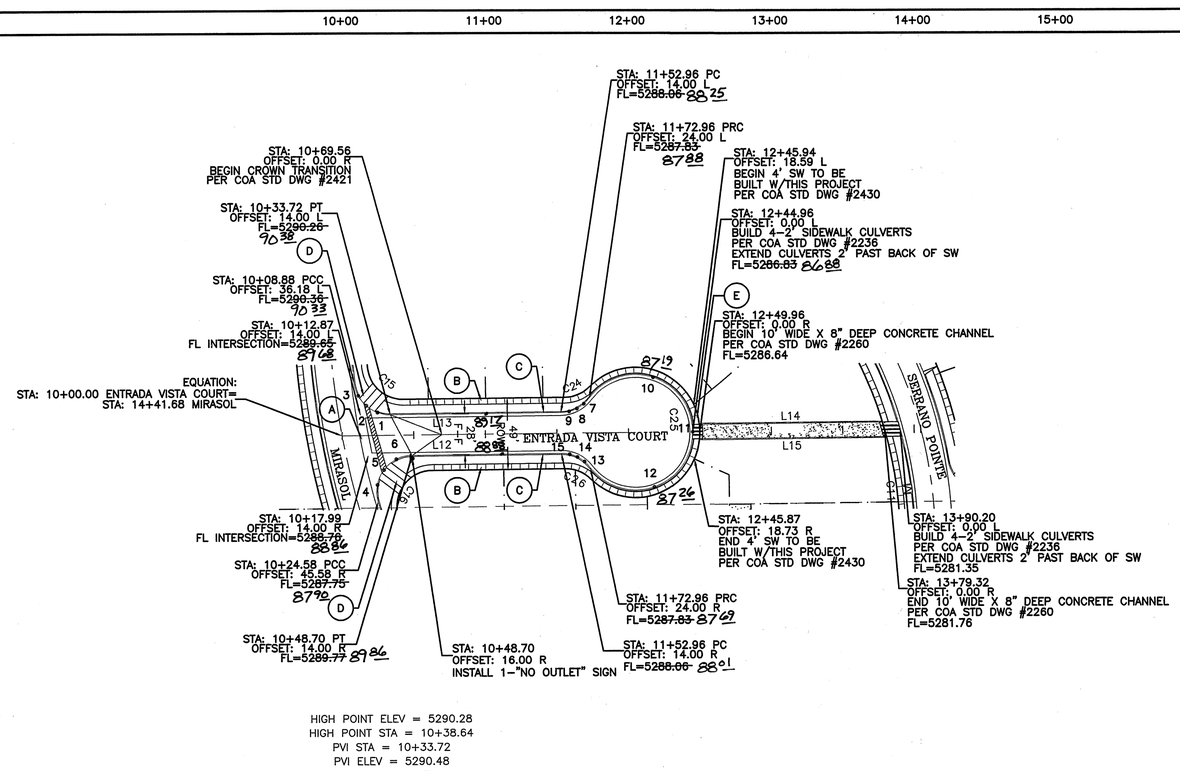
NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY
PLANNING

Record Drawing

Record Drawing



ENTRADA VISTA CT PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C15	36.44	25.00	83°31'31"	N81°12'44"E	33.30
C16	45.93	25.00	105°15'36"	S13°10'49"E	39.74
C24	23.18	25.00	53°07'48"	N12°53'04"E	22.36
C25	199.85	40.00	286°15'37"	N50°33'01"W	48.00
C26	23.18	25.00	53°07'48"	S66°00'53"W	22.36

ENTRADA VISTA CT PAVING LINE TABLE		
LINE	LENGTH	BEARING
L12	104.26	N39°26'59"E
L13	119.24	N39°26'59"E
L14	128.21	N39°26'59"E
L15	130.97	N39°26'59"E

QUARTER POINTS

C15	FL	ELEV.
	1	5289.96
	2	5290.00
	3	5290.41

C16	FL	ELEV.
	4	5288.37
	5	5288.99
	6	5289.61

C24	FL	ELEV.
	7	5287.88
	8	5287.94
	9	5288.00

C25	FL	ELEV.
	10	5287.33
	11	5286.83
	12	5287.33

C26	FL	ELEV.
	13	5287.88
	14	5287.94
	15	5288.00

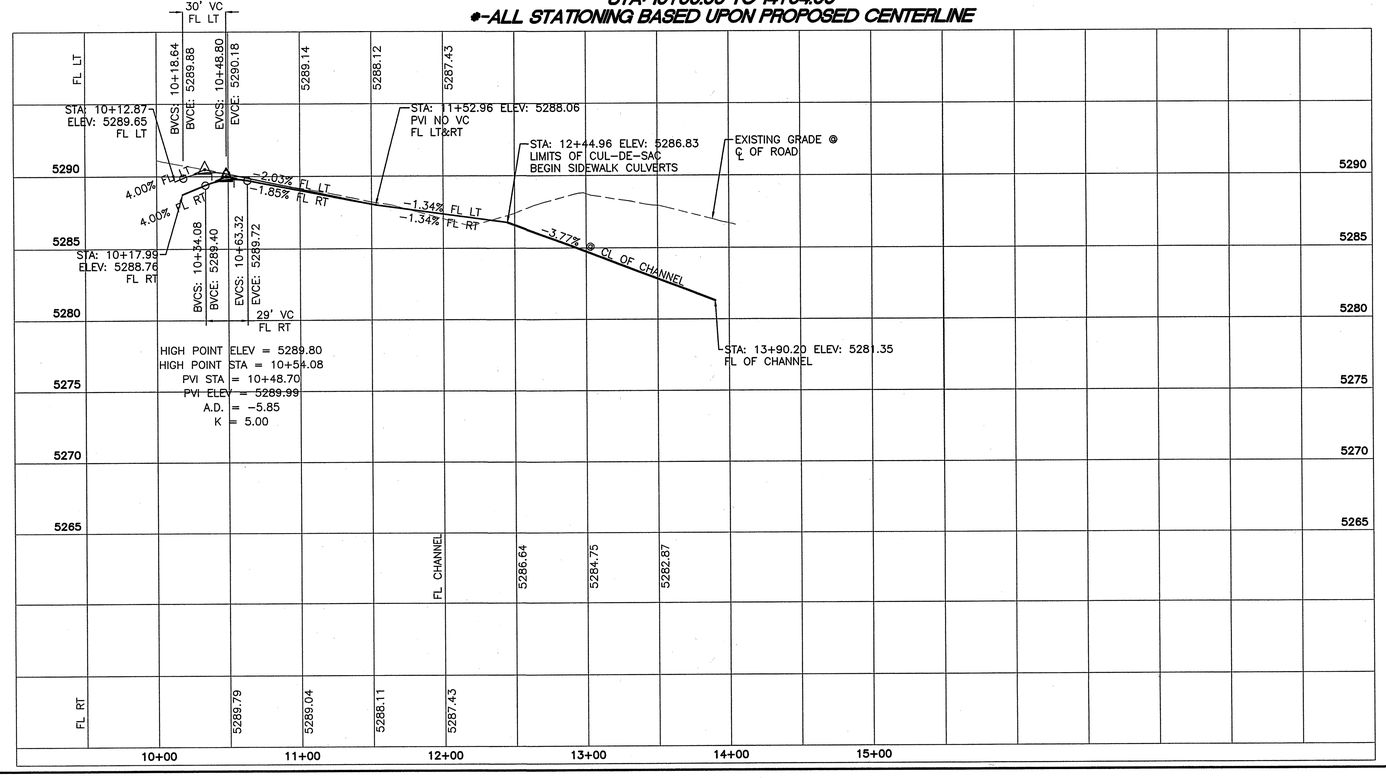
SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR — STATE OF NEW MEXICO — No. 9750 — RUSS P. HUGG

ENTRADA VISTA COURT
STA: 10+00.00 TO 14+04.66
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

AS BUILT INFORMATION
CONTRACTOR: SALS BROS
WORK STAKED BY: SLUR DATE 6/07
INSPECTOR'S ACCEPTANCE BY: KC DATE 6/07
FIELD VERIFICATION BY: ST DATE 07/07
DRAWINGS CORRECTED BY: ST DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTX/ALPHA=001°7'02"

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
DAVID SOLIS — NEW MEXICO — 14521 — PROFESSIONAL ENGINEER — LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Rio Grande Engineering
1609 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
ENTRADA VISTA COURT

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 11 OF 23

SCANNED BY PLANNING

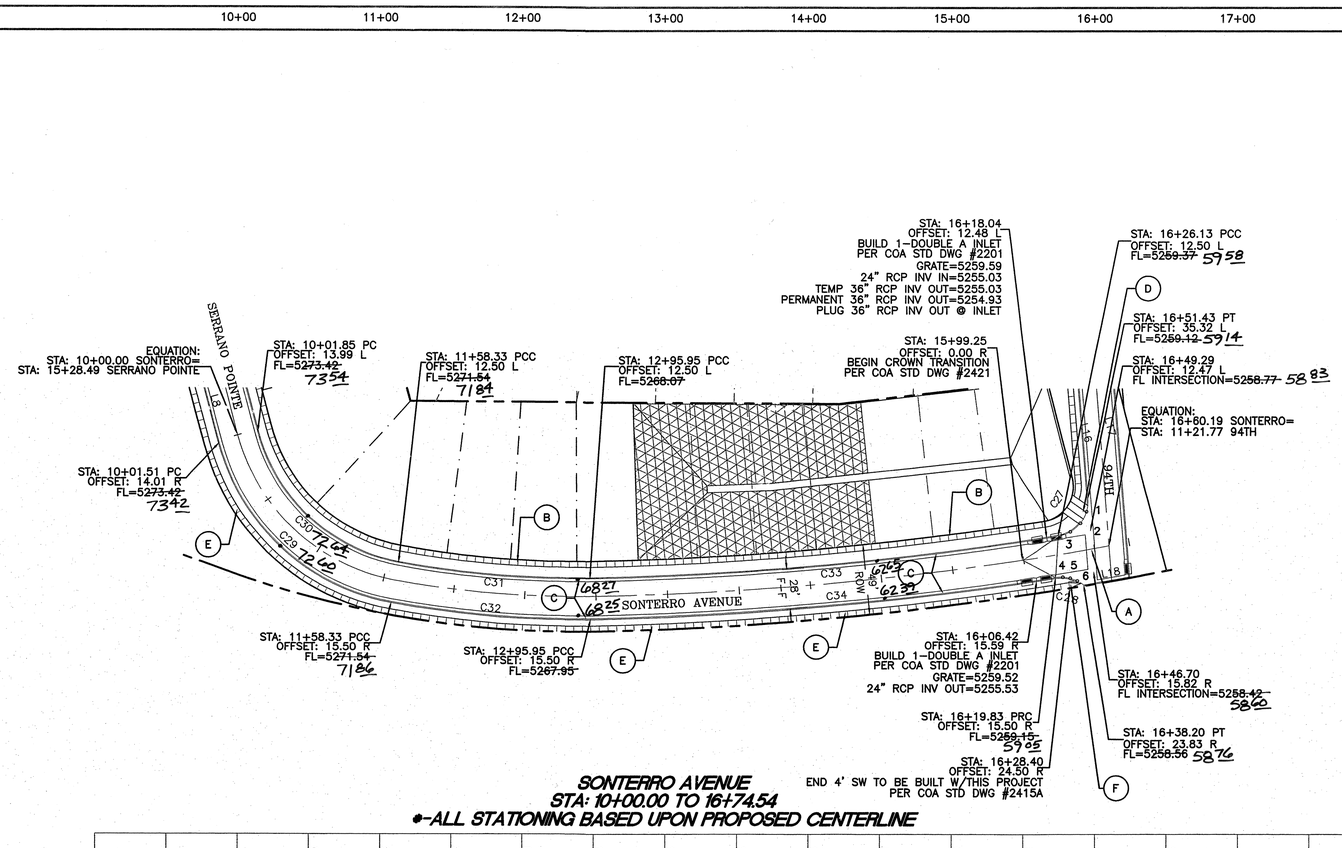
Record Drawing

SONTERRO PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C27	37.22	25.00	85°18'12"	N38°01'33"E	33.88
C28	20.92	25.00	47°57'00"	N75°11'24"W	20.32
C29	173.38	154.00	64°30'23"	S47°26'51"E	164.37
C30	141.86	126.00	64°30'23"	S47°26'51"E	134.48
C31	135.14	681.51	11°21'42"	S85°22'53"E	134.92
C32	140.69	709.51	11°21'42"	S85°22'53"E	140.46
C33	328.37	2277.64	8°23'51"	N84°44'21"E	328.09
C34	326.07	2305.64	8°35'25"	N84°38'34"E	325.80

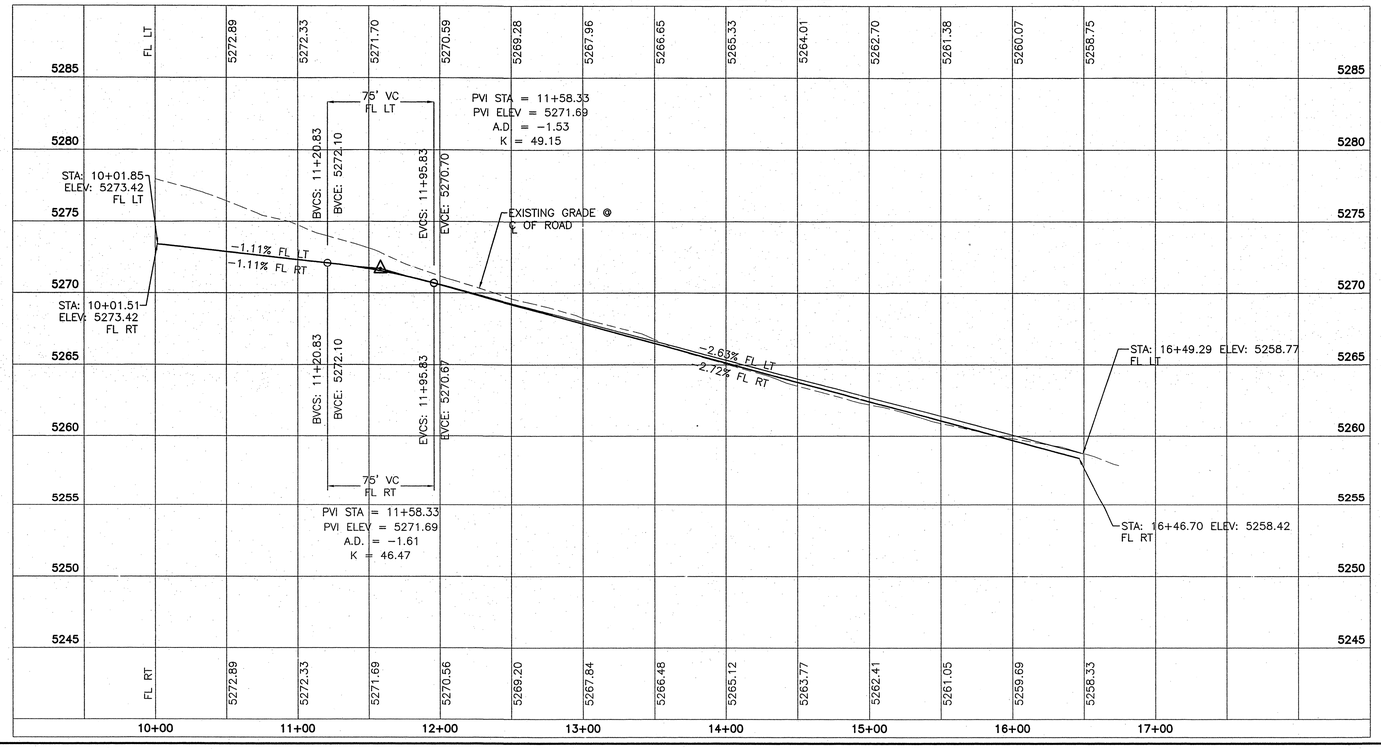
QUARTER POINTS

C27	FL	ELEV.
	1	5259.03
	2	5259.25
	3	5259.31

C28	FL	ELEV.
	4	5259.00
	5	5258.86
	6	5258.71



SONTERRO AVENUE
STA: 10+00.00 TO 16+74.54
****-ALL STATIONING BASED UPON PROPOSED CENTERLINE***



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR — STATE OF NEW MEXICO — No. 9750 — RUSS P. HUGG

NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430
- (F) UNI-DIRECTIONAL HANDICAP RAMP W/TRUNCATED DOMES PER COA STD DWG #2426

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

AS BUILT INFORMATION
CONTRACTOR Salas Bros
WORK STAKED BY Subtech DATE 6-6-07
INSPECTOR'S ACCEPTANCE BY KJF DATE 7/17/07
FIELD VERIFICATION BY ST DATE 6-7-07
DRAWINGS CORRECTED BY ST DATE 6-7-07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
G/C=0.99967415
DELTA/ALPHA=0017'02"

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID SOULE — NEW MEXICO — 14652 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

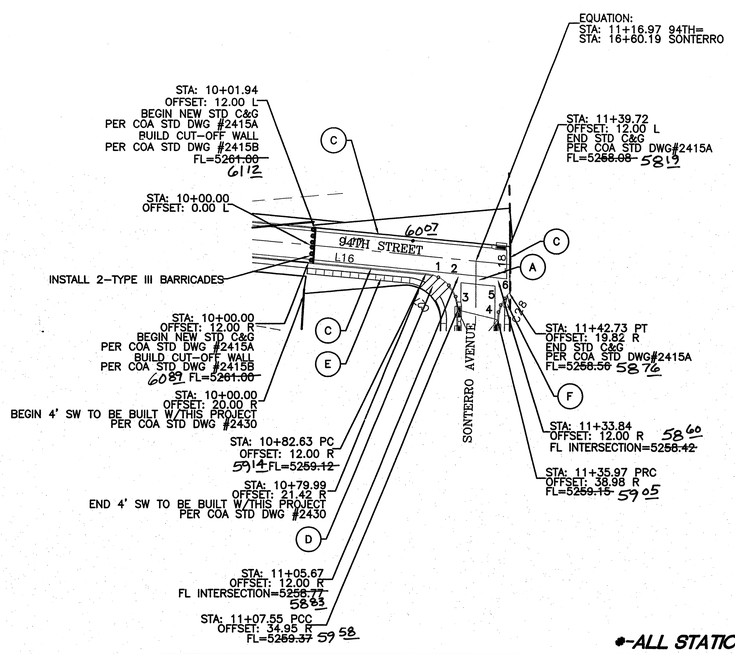
TITLE: ***PRIMA ENTRADA SUBDIVISION***
PAVING IMPROVEMENTS
SONTERRO AVENUE

DESIGN REVIEW COMMITTEE: APPROVED JAN - 9 2007 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

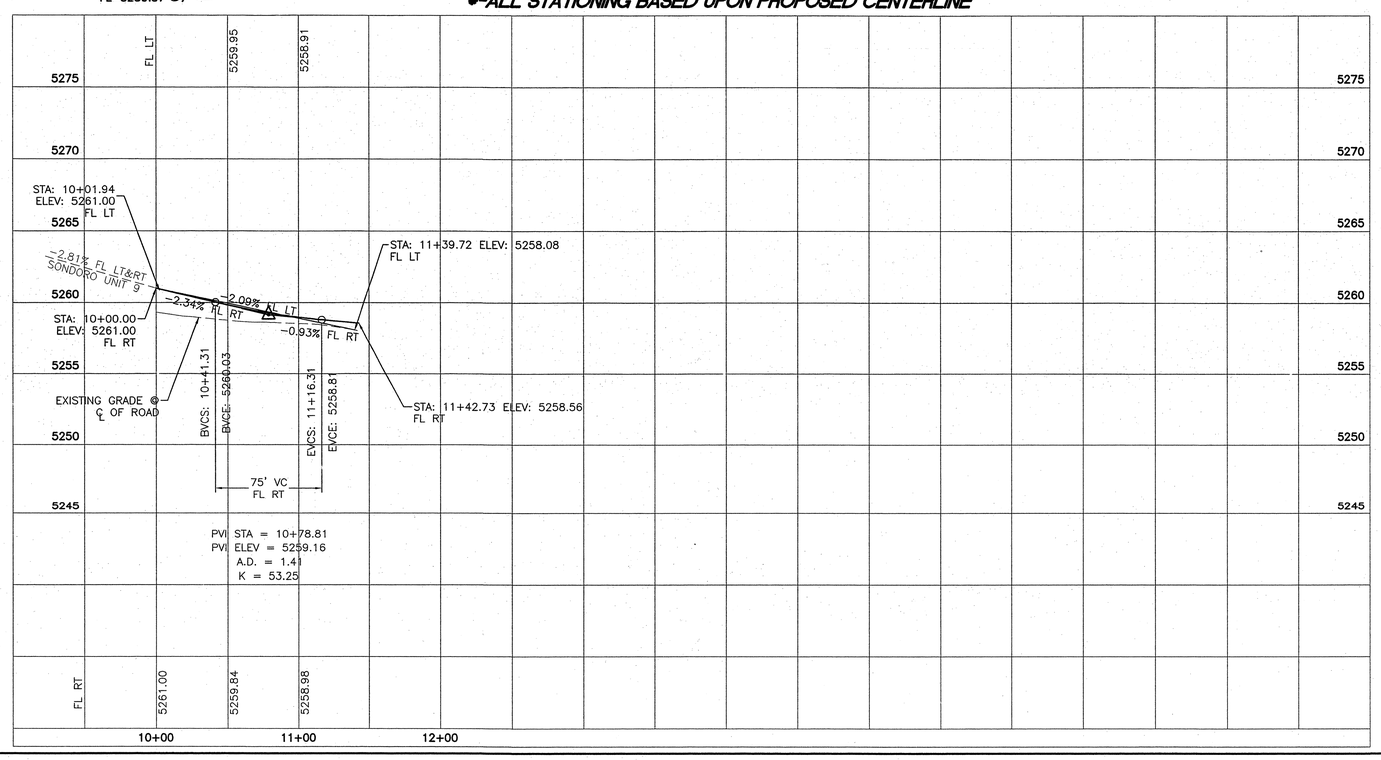
CITY PROJECT NO. —
ZONE MAP NO. —
SHEET 12 OF 23

SCANNED BY
PLANNING

Record Drawing



94TH STREET
STA: 10+00.00 TO 11+41.58
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



94TH PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C27	37.22	25.00	85°18'12"	N38°01'33"E	33.88
C28	20.92	25.00	47°57'00"	N75°11'24"W	20.32

94TH PAVING LINE TABLE		
LINE	LENGTH	BEARING
L16	82.63	S4°37'33"E
L17	137.78	S4°37'33"E
L18	31.96	N79°58'47"E

QUARTER POINTS

C27	FL	ELEV.
	1	5259.03
	2	5259.25
	3	5259.31

C28	FL	ELEV.
	4	5259.00
	5	5258.86
	6	5258.71

NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.

KEYED NOTE:
- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) 4' SIDEWALK TO BE DEFFERED
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 4' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430
- (F) UNI-DIRECTIONAL HANDICAP RAMP PER COA STD DWG #2426 W/TRUNCATED DOMES
- (G) MODIFIED HANDICAP RAMP SEE MASTER PAVING SHEET

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
PAVING IMPROVEMENTS
94TH STREET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE JAN - 9 2007 DESIGN REVIEW COMMITTEE	APPROVE JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
–	–	13	23

AS BUILT INFORMATION
CONTRACTOR: WILSON
WORK STAKED BY: SURV-TEK DATE 06/07
INSPECTORS ACCEPTANCE BY: LE DATE 07/07
FIELD VERIFICATION BY: ST DATE 07/07
DRAWINGS CORRECTED BY: ST DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER

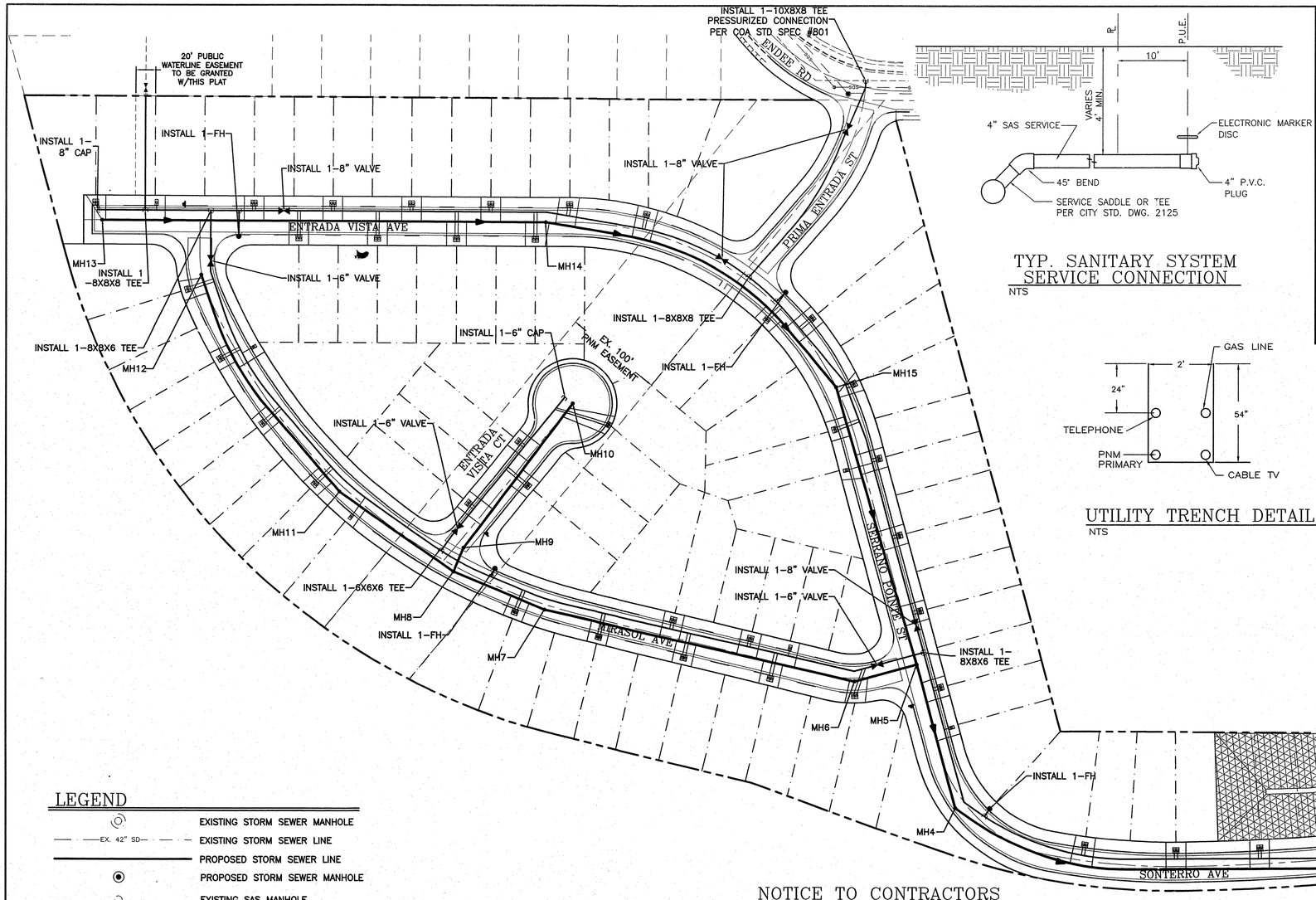
NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY
PLANNING

Record Drawing

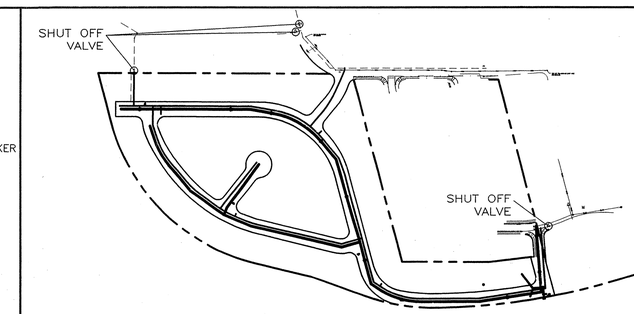


TYP. SANITARY SYSTEM SERVICE CONNECTION

NTS

UTILITY TRENCH DETAIL

NTS



WATER SHUTOFF PLAN:

SHUTOFF VALVES:
CIRCLED VALVES

WATER SHUTOFF NOTES:

1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF THE VALVES INDICATED IN THE PLAN ABOVE.

LEGEND

	EXISTING STORM SEWER MANHOLE
EX. 42" SD	EXISTING STORM SEWER LINE
	PROPOSED STORM SEWER LINE
	PROPOSED STORM SEWER MANHOLE
	EXISTING SAS MANHOLE
EX. 8" SAS	EXISTING SANITARY SEWER LINE
	PROPOSED SAS MANHOLE
	DIRECTION OF FLOW
8" SAS	PROPOSED SANITARY SEWER LINE
	EXISTING VALVE W/BOX
	EXISTING FIRE HYDRANT
EX. 12" WL	EXISTING WATER LINE
	PROPOSED METER
	PROPOSED VALVE W/BOX
	PROPOSED FIRE HYDRANT
8" WL	PROPOSED WATER LINE
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	BOUNDARY LINE
	CENTERLINE
	RIGHT-OF-WAY
	LOT LINES
	STREET LIGHTS

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, INCLUDING UPDATES 1 THROUGH 7.

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.

6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

8. CONTRACTOR SHALL DETERMINE LOCATION OF ANY UNDERGROUND FACILITY IN OR NEAR WORK AREAS, INCLUDING REQUESTS TO OWNERS/OPERATORS OF SAID FACILITIES PER SECTION 62-14-5 NMSA 1978.

9. CONTRACTOR SHALL PLAN ALL EXCAVATION TO MINIMIZE INTERFERENCE OR DAMAGE OF UNDERGROUND FACILITIES.

10. CONTRACTOR SHALL PROVIDE ADVANCE TELEPHONE NOTICE OF COMMENCEMENT, EXTENT AND DURATION OF ALL EXCAVATION WORK TO THE ONE-CALL NOTIFICATION SYSTEM, OR TO OWNERS/OPERATORS OF ANY EXISTING UNDERGROUND FACILITY IN OR NEAR THE EXCAVATION AREA THAT ARE NOT MEMBERS OF THE ONE-CALL NOTIFICATION CENTER; IN ORDER THAT OWNERS/OPERATORS MAY LOCATE AND MARK UNDERGROUND FACILITY PER SECTION 62-14-5 NMSA 1978 PRIOR TO ANY COMMENCEMENT OF WORK. CONTRACTOR SHALL REQUEST REAFFIRMATION OF LOCATION EVERY TEN (10) WORKING DAYS AFTER INITIAL REQUEST.

11. CONTRACTOR SHALL MAINTAIN EIGHTEEN (18) INCHES BETWEEN EXISTING UNDERGROUND FACILITIES THAT HAVE BEEN PREVIOUSLY IDENTIFIED AND MARKED BY THE OWNERS/OPERATORS OF SAID FACILITIES. CUTTING EDGE OR POINT OF ANY MECHANICAL EXCAVATING EQUIPMENT UTILIZED IN EXCAVATION AREA WILL BE USED IN A MANNER NECESSARY TO PREVENT DAMAGE TO EXISTING UNDERGROUND FACILITIES.

12. CONTRACTOR SHALL PROVIDE SUPPORT FOR EXISTING UNDERGROUND FACILITIES IN OR NEAR EXCAVATION AREA AS NECESSARY TO PREVENT DAMAGE TO SAID FACILITIES.

13. CONTRACTOR SHALL BACKFILL ALL EXCAVATIONS IN A MANNER AND WITH MATERIALS AS MAY BE NECESSARY TO PREVENT DAMAGE TO AND PROVIDE RELIABLE SUPPORT DURING AND FOLLOWING BACK FILLING ACTIVITIES FOR PREEXISTING UNDERGROUND FACILITIES IN OR NEAR EXCAVATION AREA.

14. CONTRACTOR SHALL IMMEDIATELY NOTIFY BY TELEPHONE THE OWNER/OPERATOR OF ANY UNDERGROUND FACILITY WHICH MAY HAVE BEEN DAMAGED OR DISLODGED DURING EXCAVATION WORK.

15. CONTRACTOR SHALL NOT MOVE OR OBLITERATE MARKINGS MADE PURSUANT TO CHAPTER 62, ARTICLE 14 NMSA 1978, OR FABRICATE MARKINGS IN A UNMARKED LOCATION FOR THE PURPOSE OF CONCEALING OR AVOIDING LIABILITY FOR VIOLATION OF OR NONCOMPLIANCE WITH THE PROVISIONS OF CHAPTER 62, ARTICLE 11 NMSA 1978.

16. EMD'S SHALL BE INSTALLED ON WATER LINE AND SANITARY SEWER LINE FACILITIES PER SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS 1986 EDITION AS REVISED THROUGH UPDATE #7.

17. THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES, REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.6450 SUBPART P.

19. ALL IMPACTED STRIPING SHALL BE REPLACED BY CONTRACTOR.

N

GRAPHIC SCALE

60 30 0 30 60

SCALE: 1"=60'

AS BUILT INFORMATION

NO.	DATE

BENCH MARKS

ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DAVID SOULE
NEW MEXICO
14832
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY: WCWJ	DATE: 4-17-06
DRAWN BY: WCWJ	DATE: 4-17-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG	JOB NO.: 2421
CHECKED BY: DS	DATE: 4-18-06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

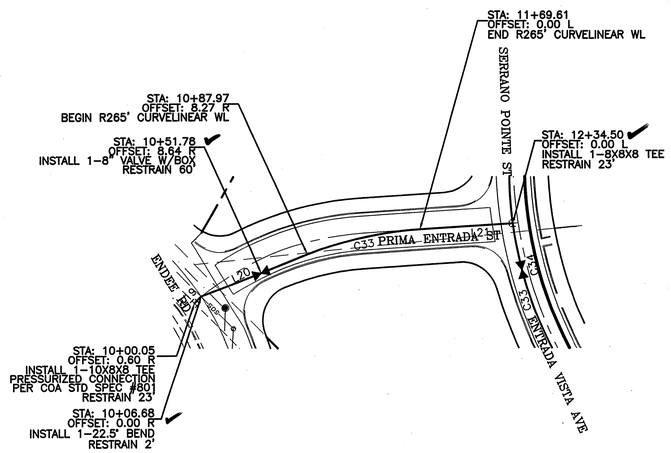
TITLE: **PRIMA ENTRADA**
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JAN - 9 2007 REVIEW BOARD MEMBER	JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	14	23

SCANNED BY
PLANNING

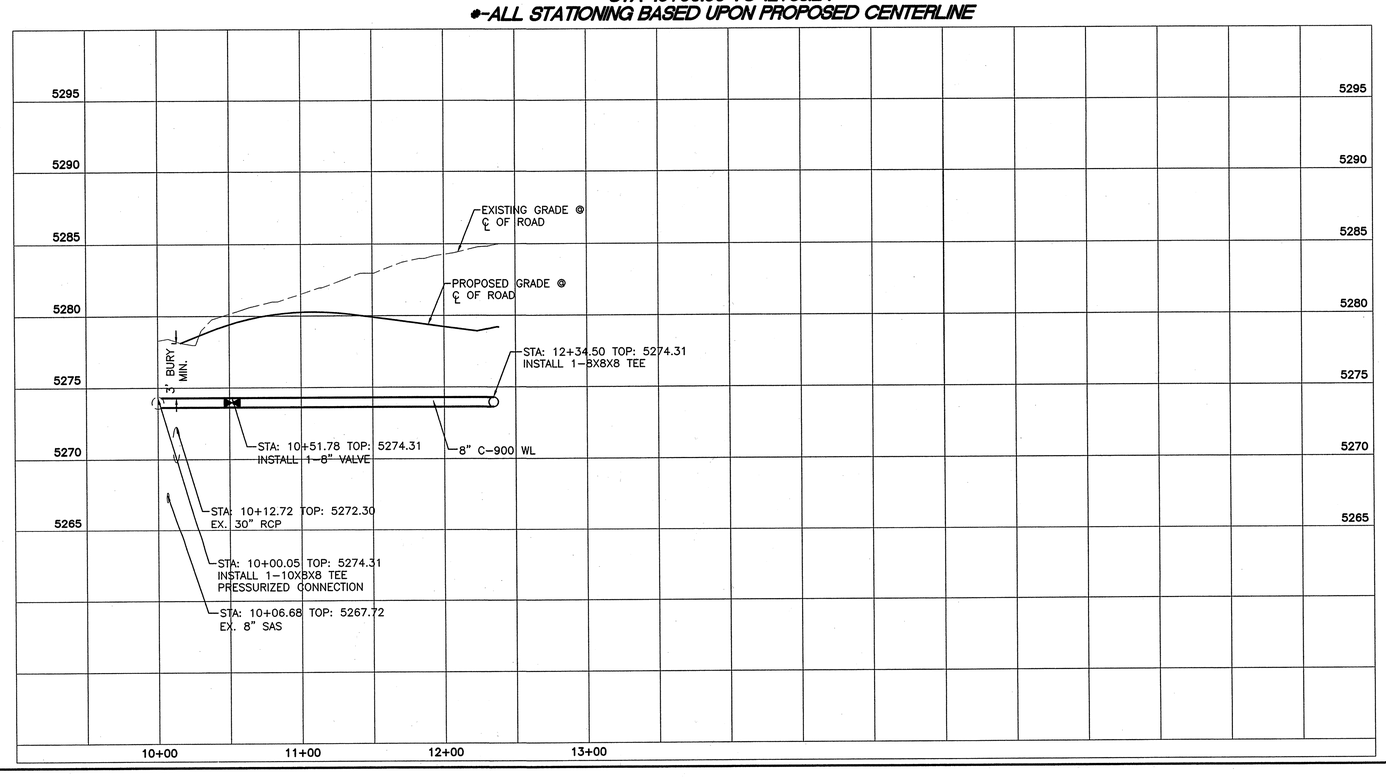
Record Drawing



PRIMA ENTRADA UT CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C33	80.92	265.00	17°29'48"	N32°36'41"E	80.61

PRIMA ENTRADA UT LINE TABLE		
LINE	LENGTH	BEARING
L19	6.65	S00°11'55"W
L20	79.48	S23°51'47"W
L21	64.89	S41°21'35"W

PRIMA ENTRADA STREET
STA: 10+00.00 TO 12+38.24
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.
5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
6. ALL WATER SERVICES SHALL BE 3/4".

CAUTION:
EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

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

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
DAVID SOULE
NEW MEXICO
14652
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

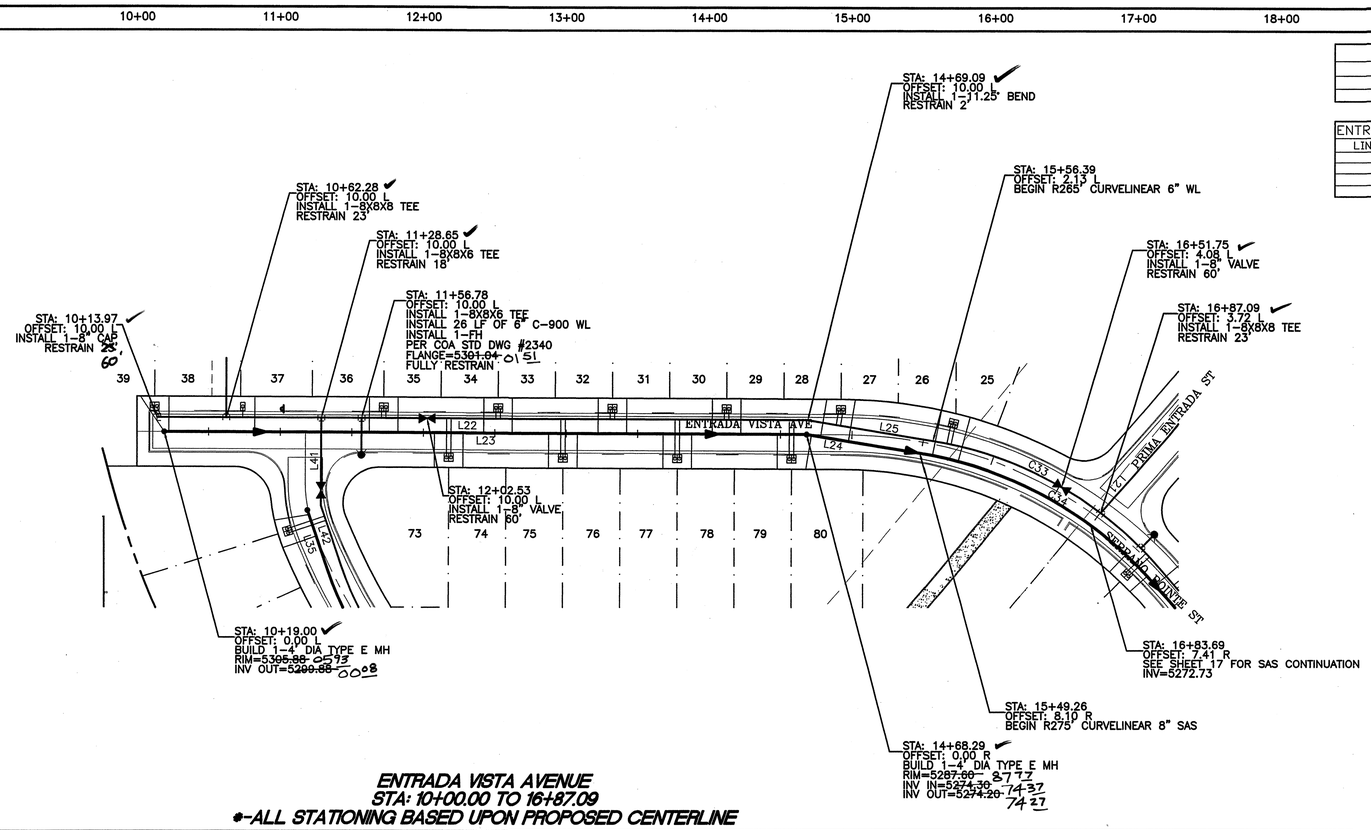
TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
PRIMA ENTRADA STREET

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 15 OF 23

Record Drawing

SCANNED BY PLANNING



ENTRADA VISTA UT CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C33	187.17	265.00	40°28'08"	N60°24'30"W	183.31
C34	194.24	275.00	40°28'08"	N60°24'30"W	190.22

ENTRADA VISTA UT LINE TABLE		
LINE	LENGTH	BEARING
L22	455.12	S89°48'03"E
L23	449.30	S89°48'02"E
L24	80.25	S80°38'34"E
L25	88.44	S80°38'34"E

WL TABLE

LOT #	STATION	SERVICE
25&26	15+67.13	DOUBLE
27&28	14+92.28	DOUBLE
29&30	14+12.28	DOUBLE
31&32	13+32.28	DOUBLE
33&34	12+52.28	DOUBLE
35&36	11+72.28	DOUBLE
37	10+72.28	SINGLE
38&39	10+12.28	DOUBLE
73&74	12+17.78	DOUBLE
75&76	12+97.78	DOUBLE
77&78	13+77.78	DOUBLE
79&80	14+57.78	DOUBLE

* @ END OF 8" MAIN LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
25	15+77.12	25	5273.46	5280.23
26	15+58.21	25	5273.59	5280.23
27	14+97.61	25	5274.00	5283.43
28	14+78.08	25	5274.13	5283.43
29	14+22.28	25	5276.92	5286.65
30	14+02.28	25	5278.06	5286.65
31	13+42.28	25	5281.47	5289.87
32	13+22.28	25	5282.61	5289.87
33	12+62.28	25	5286.03	5293.09
34	12+42.28	25	5287.16	5293.09
35	11+82.28	25	5290.58	5296.31
36	11+62.28	25	5291.72	5296.31
37	10+82.28	25	5296.27	5300.33
38	10+22.28	25	5299.69	5302.75
+39	10+19.00	25	5300.21	5302.75
73	12+07.78	25	5289.13	5294.46
74	12+27.78	25	5287.99	5294.46
75	12+87.78	25	5284.57	5291.24
76	13+07.78	25	5283.44	5291.24
77	13+67.78	25	5280.00	5288.02
78	13+87.78	25	5278.88	5288.02
79	14+47.78	25	5275.47	5284.80
80	14+71.64	25	5274.18	5284.80

+-LOT 39 SHALL BE INSTALLED IN MH PER COA STD DWG #2118

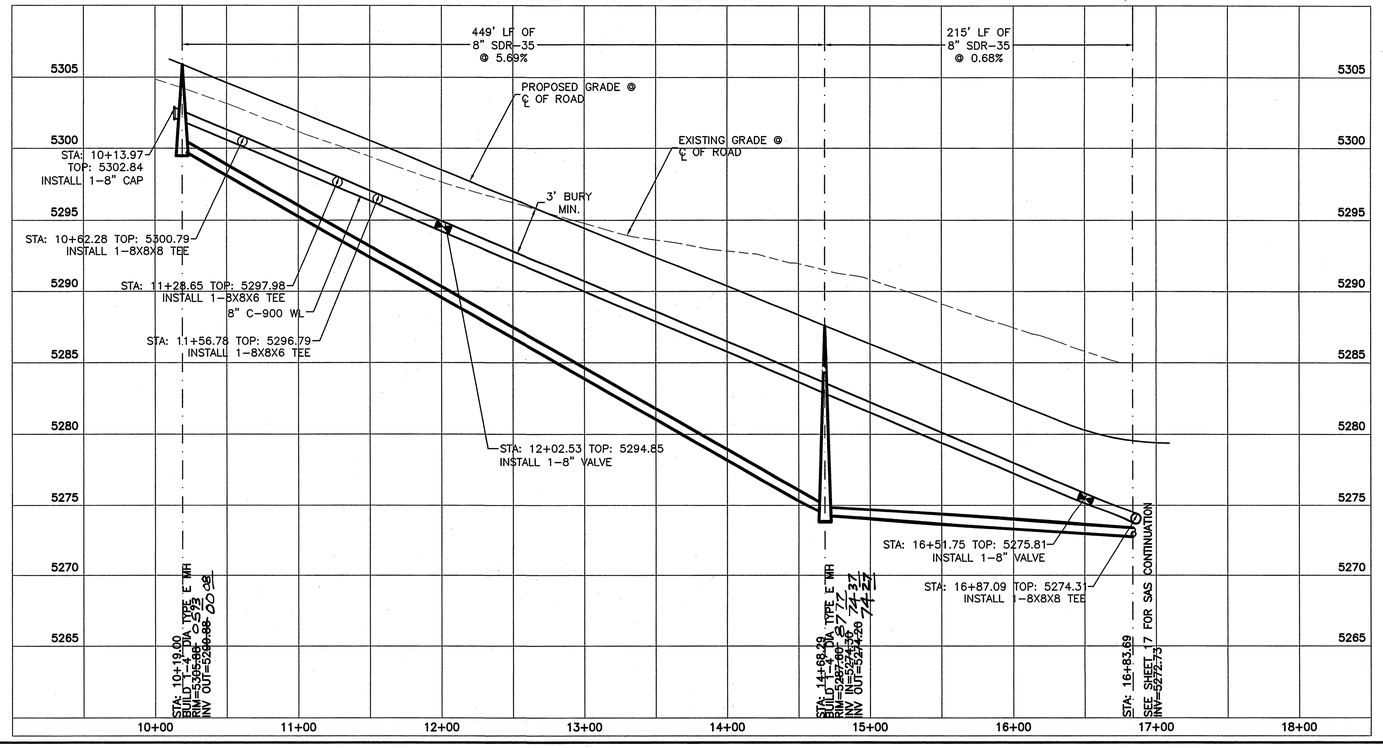
SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

ENTRADA VISTA AVENUE
STA: 10+00.00 TO 16+87.09
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.
5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
6. ALL WATER SERVICES SHALL BE 3/4".

CAUTION:
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N

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
ENTRADA VISTA AVENUE

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	16	23

AS BUILT INFORMATION
CONTRACTOR Sells Bros
WORK STAKED BY Surv TEK DATE 06/07
INSPECTOR DATE
ACCEPTANCE BY RGE DATE 07/07
FIELD VERIFICATION BY ST DATE 07/07
DRAWINGS CORRECTED BY ST DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=00°17'02"

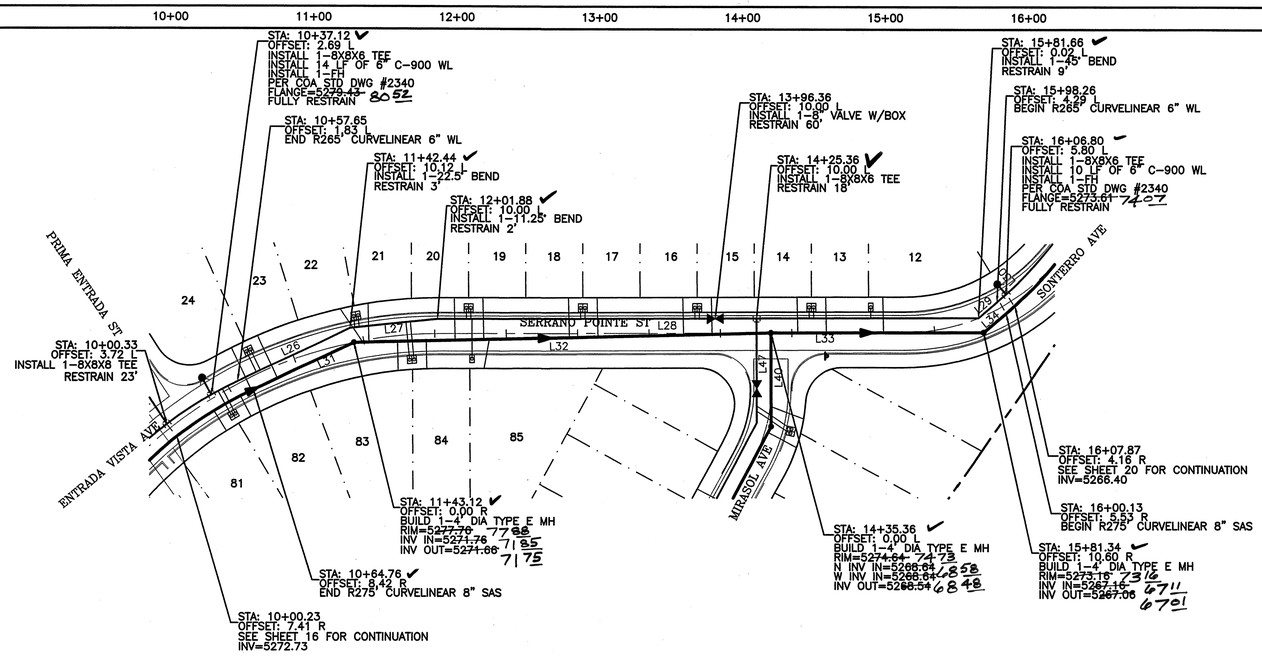
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DAVID SOLIZ
NEW MEXICO
14522
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY PLANNING



SERRANO POINTE UT CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C33	187.17	265.00	40°28'08"	N60°24'30"W	183.31
C34	194.24	275.00	40°28'08"	N60°24'30"W	190.22
C35	169.73	275.00	35°21'49"	S72°38'56"E	167.05
C36	163.56	265.00	35°21'49"	S72°38'56"E	160.98

SERRANO POINTE UT LINE TABLE		
LINE	LENGTH	BEARING
L26	86.57	S40°10'26"E
L27	61.33	S20°51'01"E
L28	378.52	S15°11'39"E
L29	16.88	S54°58'02"E
L30	9.45	N32°30'47"E
L31	77.50	S40°10'26"E
L32	291.92	S16°20'18"E
L33	148.64	S15°11'39"E
L34	20.49	S54°58'02"E

WL TABLE

LOT #	STATION	SERVICE
12	15+03.72	SINGLE
13&14	14+63.72	DOUBLE
15&16	13+83.72	DOUBLE
17&18	13+03.72	DOUBLE
19&20	12+23.72	DOUBLE
21&22	11+47.79	DOUBLE
23&24	10+73.30	DOUBLE
81&82	10+43.21	DOUBLE
83&84	11+82.88	DOUBLE
85	12+24.48	SINGLE

SAS TABLE

* @ END OF 8" MAIN LINE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
12	15+14.21	25	5267.80	5270.53
13	14+74.21	25	5268.18	5270.93
14	14+54.21	25	5268.37	5270.93
15	13+94.23	25	5269.07	5271.73
16	13+74.23	25	5269.27	5271.73
17	13+14.26	25	5269.89	5272.53
18	12+94.27	25	5270.10	5272.53
19	12+34.29	25	5270.72	5273.33
20	12+14.30	25	5270.92	5273.33
21	11+53.54	25	5271.55	5274.13
22	11+49.24	25	5271.59	5274.13
23	10+83.78	25	5272.16	5274.93
24	10+63.37	25	5272.30	5274.93
81	10+32.62	17	5272.51	5274.33
82	10+54.46	17	5272.36	5274.33
83	11+73.66	21	5271.34	5273.92
84	11+93.95	21	5271.13	5273.92
85	12+38.09	21	5270.68	5273.36

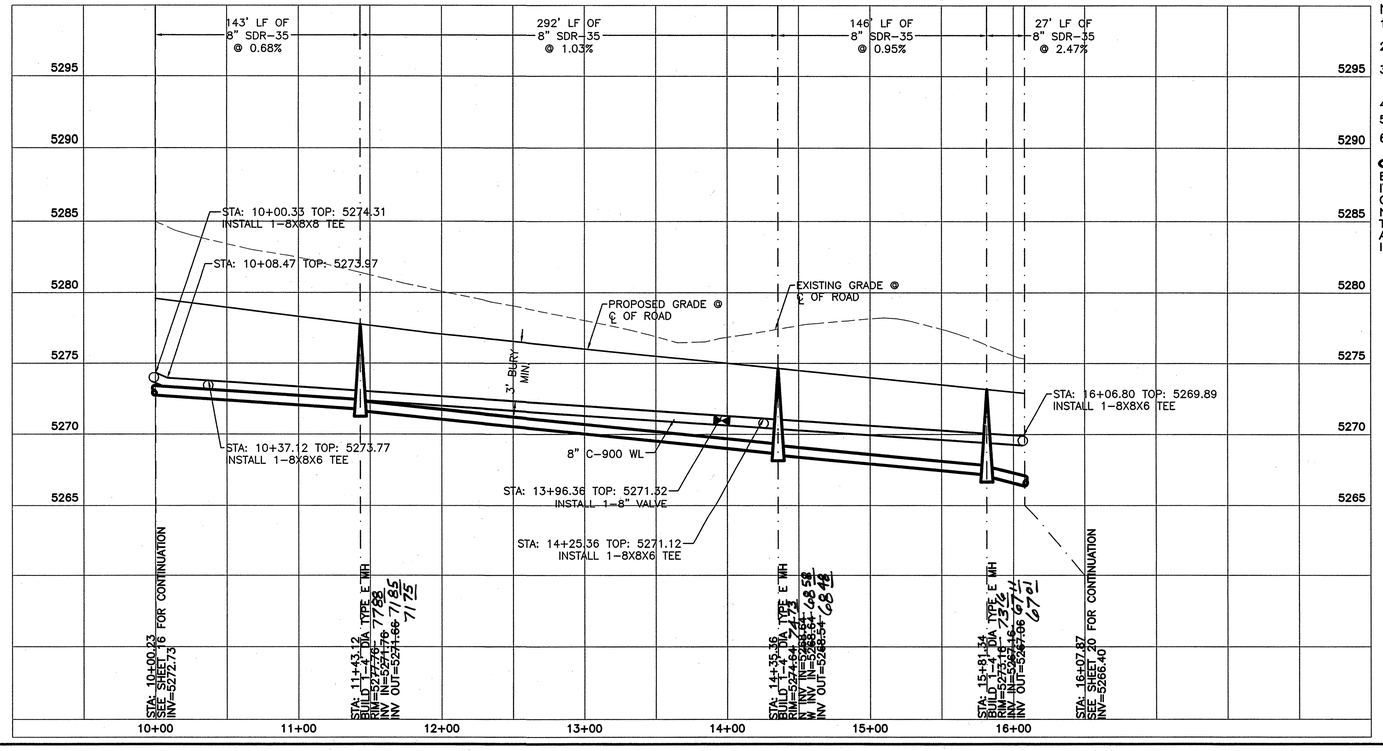
SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SERRANO POINTE STREET
STA: 10+00.00 TO 16+07.21
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.
5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
6. ALL WATER SERVICES SHALL BE 3/4".

CAUTION:
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SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
SERRANO POINTE STREET

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	17	23

AS BUILT INFORMATION
CONTRACTOR SAIS BUS
WORK STAKED BY Survey TEC DATE 06/07
WORK STAKING ACCEPTANCE BY K.E. DATE 07/07
FIELD VERIFICATION BY STI DATE 07/07
DRAWINGS CORRECTED BY STI DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT "8-K9"
NM CENTRAL PLANE X=352217.80 Y=1484931.98 Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

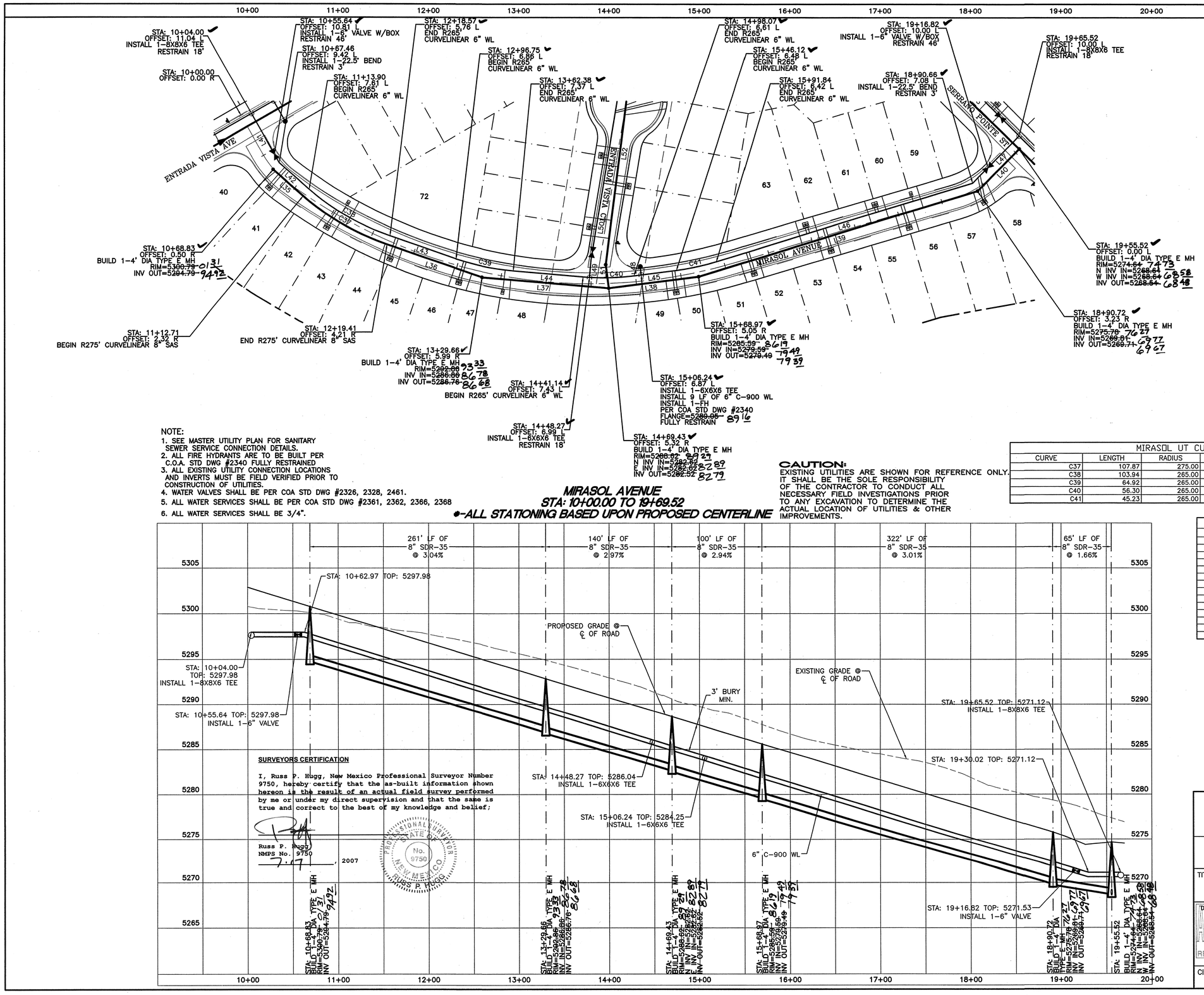
ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14652 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY PLANNING

Record Drawing



NOTE:

1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
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5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
6. ALL WATER SERVICES SHALL BE 3/4".

MIRASOL AVENUE
STA: 10+00.00 TO 19+69.52
@-ALL STATIONING BASED UPON PROPOSED CENTERLINE

CAUTION:
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* @ END OF 8" MAIN LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
40	10+72.30	25	5294.68	5297.48
41	10+88.20	25	5294.20	5297.48
42	11+44.29	19	5292.49	5295.11
43	11+62.79	19	5291.93	5295.11
44	12+17.32	19	5290.27	5292.74
45	12+36.95	19	5289.68	5292.74
46	12+98.00	19	5287.82	5290.30
47	13+17.75	19	5287.22	5290.30
48	13+61.12	19	5285.83	5288.84
49	15+32.72	22	5280.66	5283.47
50	15+52.57	22	5280.07	5283.47
51	16+17.61	22	5278.03	5280.58
52	16+37.61	22	5277.43	5280.58
53	17+06.47	22	5275.36	5277.91
54	17+26.47	22	5274.75	5277.91
55	17+96.46	25	5272.65	5275.21
56	18+16.46	25	5272.05	5275.21
57	18+86.16	25	5269.95	5272.59
58	19+04.19	25	5269.49	5272.59
59	18+28.44	25	5271.69	5274.87
60	17+88.45	27	5272.89	5276.07
61	17+68.45	27	5273.49	5276.07
62	17+08.46	27	5275.30	5278.47
63	16+88.46	27	5275.90	5278.47
72	11+69.61	31	5291.72	5295.15

WL TABLE

LOT #	STATION	SERVICE
40&41	10+78.80	DOUBLE
42&43	11+52.78	DOUBLE
44&45	12+28.43	DOUBLE
46&47	13+06.39	DOUBLE
48	13+53.07	SINGLE
49&50	15+41.85	DOUBLE
51&52	16+28.36	DOUBLE
53&54	17+17.23	DOUBLE
55&56	18+07.23	DOUBLE
57&58	18+90.87	DOUBLE
59	18+18.19	SINGLE
60&61	17+78.19	DOUBLE
62&63	16+98.19	DOUBLE
72	11+57.83	SINGLE

MIRASOL UT CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C37	107.87	275.00	22°28'25"	S29°50'53"E	107.18
C38	103.94	265.00	22°28'25"	S29°50'53"E	103.28
C39	64.92	265.00	14°02'10"	S48°06'10"E	64.76
C40	56.30	265.00	12°10'24"	S61°12'27"E	56.20
C41	45.23	265.00	9°46'48"	S72°11'03"E	45.18

MIRASOL UT LINE TABLE

LINE	LENGTH	BEARING
L35	44.07	S18°36'41"E
L36	111.09	S41°05'05"E
L37	140.82	S55°07'15"E
L38	100.33	S67°17'39"E
L39	322.65	S77°04'27"E
L40	65.34	N74°48'21"E
L41	61.56	S00°11'57"W
L42	44.07	S18°36'41"E
L43	77.24	S41°05'05"E
L44	77.64	S55°07'15"E
L45	47.47	S67°17'39"E
L46	296.61	S77°04'27"E
L47	72.84	N74°48'21"E
L48	9.13	N24°02'47"E

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR No. 9750 STATE OF NEW MEXICO RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
MIRASOL AVENUE

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER

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

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 18 OF 23

AS BUILT INFORMATION
CONTRACTOR: SALS BROS
WORK STAKED BY: SURVTEK DATE: 6-6-07
STAKING CHECKED BY: KGE DATE: 6/11/07
ACCEPTANCE BY: KGE DATE: 6/11/07
FIELD VERIFICATION BY: ST DATE: 6/21/07
DRAWINGS CORRECTED BY: ST DATE: 6/21/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/S=0.99967415
DELTA/ALPHA=00°17'02"

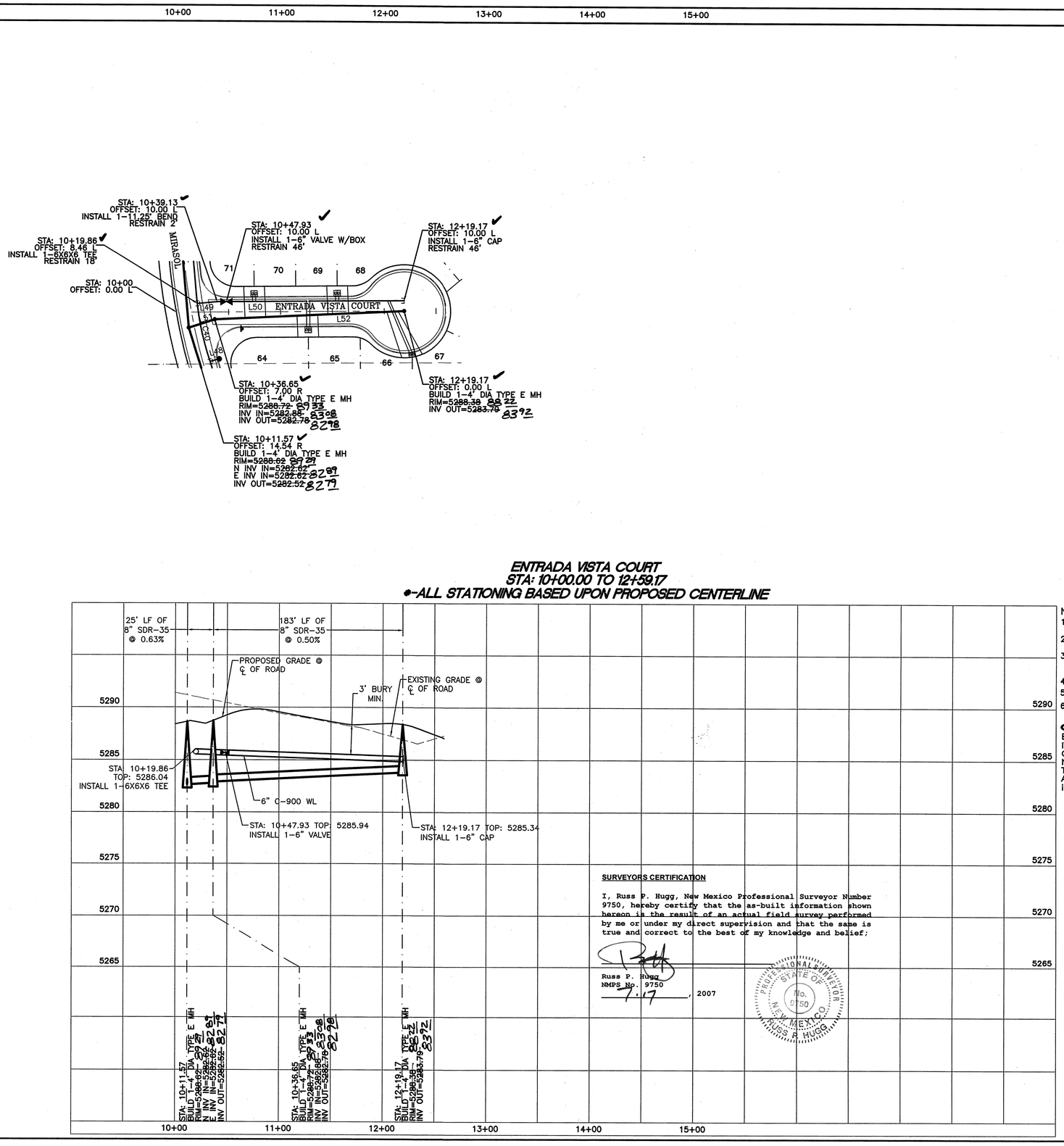
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14522 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Record Drawing



ENTRADA VISTA CT UT LINE TABLE		
LINE	LENGTH	BEARING
L49	19.33	N34°52'45"E
L50	180.04	N39°26'59"E
L51	26.19	N22°42'21"E
L52	182.65	N37°15'12"E

WL TABLE

LOT #	STATION	SERVICE
64&65	11+26.70	DOUBLE
66&67	12+26.70	DOUBLE
68&69	11+54.67	DOUBLE
70&71	10+74.67	DOUBLE

* @ END OF 8" MAIN LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
64	11+15.92	21	5283.28	5285.79
65	11+35.89	22	5283.38	5285.79
66	12+02.52	47	5283.71	5284.16
67	12+13.23	47	5283.76	5284.16
68	11+65.69	27	5283.53	5285.20
69	11+45.72	28	5283.43	5285.20
70	10+85.80	30	5283.12	5286.86
71	10+65.83	31	5283.02	5286.86

ENTRADA VISTA COURT
STA: 10+00.00 TO 12+59.17
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.
5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
6. ALL WATER SERVICES SHALL BE 3/4".

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SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
1.17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 972-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
ENTRADA VISTA COURT

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 19 OF 23

AS BUILT INFORMATION
CONTRACTOR Sellers Bros
WORK STAKED BY Sure Tec DATE 06/07
INSPECTOR'S ACCEPTANCE BY KJE DATE 07/07
FIELD INFORMATION BY ST DATE 07/07
DRAWINGS CORRECTED BY ST DATE 07/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
RUSS P. HUGG
NEW MEXICO
14831
PROFESSIONAL ENGINEER
LICENSED PROFESSIONAL SURVEYOR

NO.	DATE	REMARKS	BY
		REVISIONS	

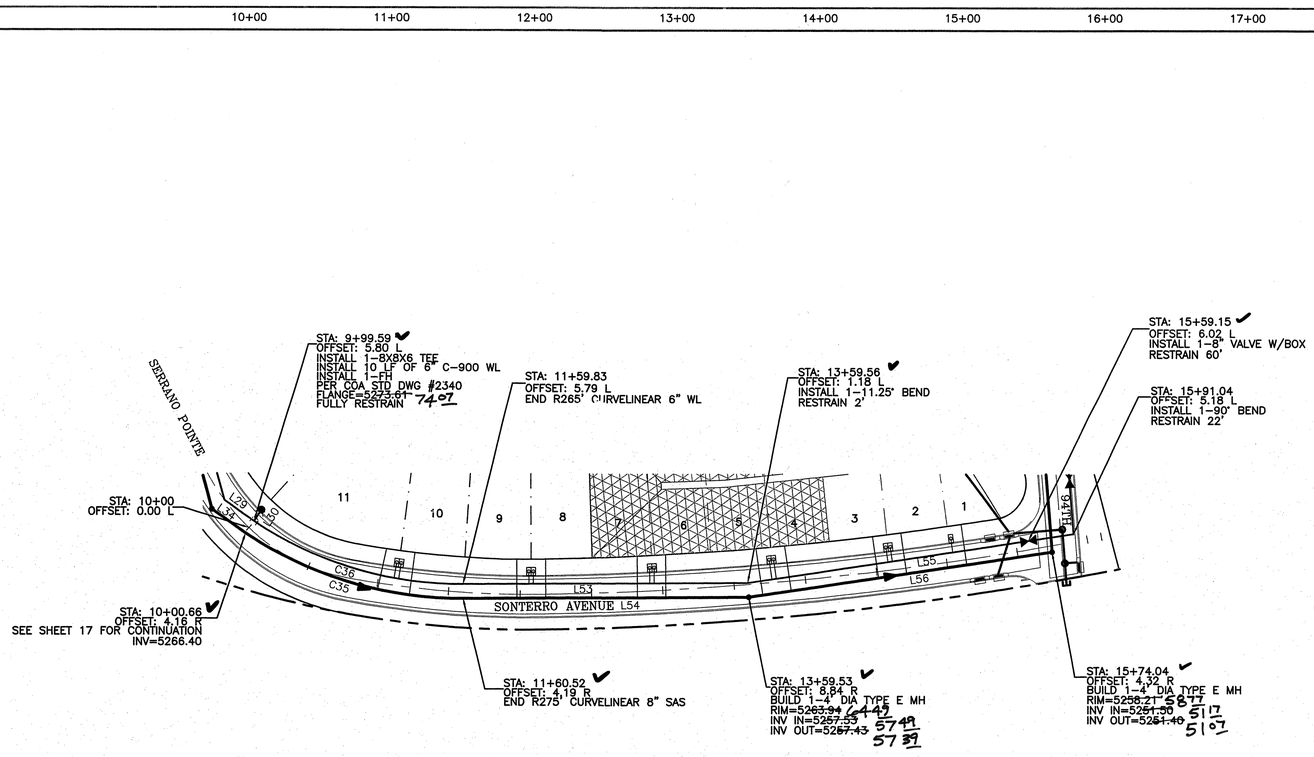
DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCANNED BY PLANNING

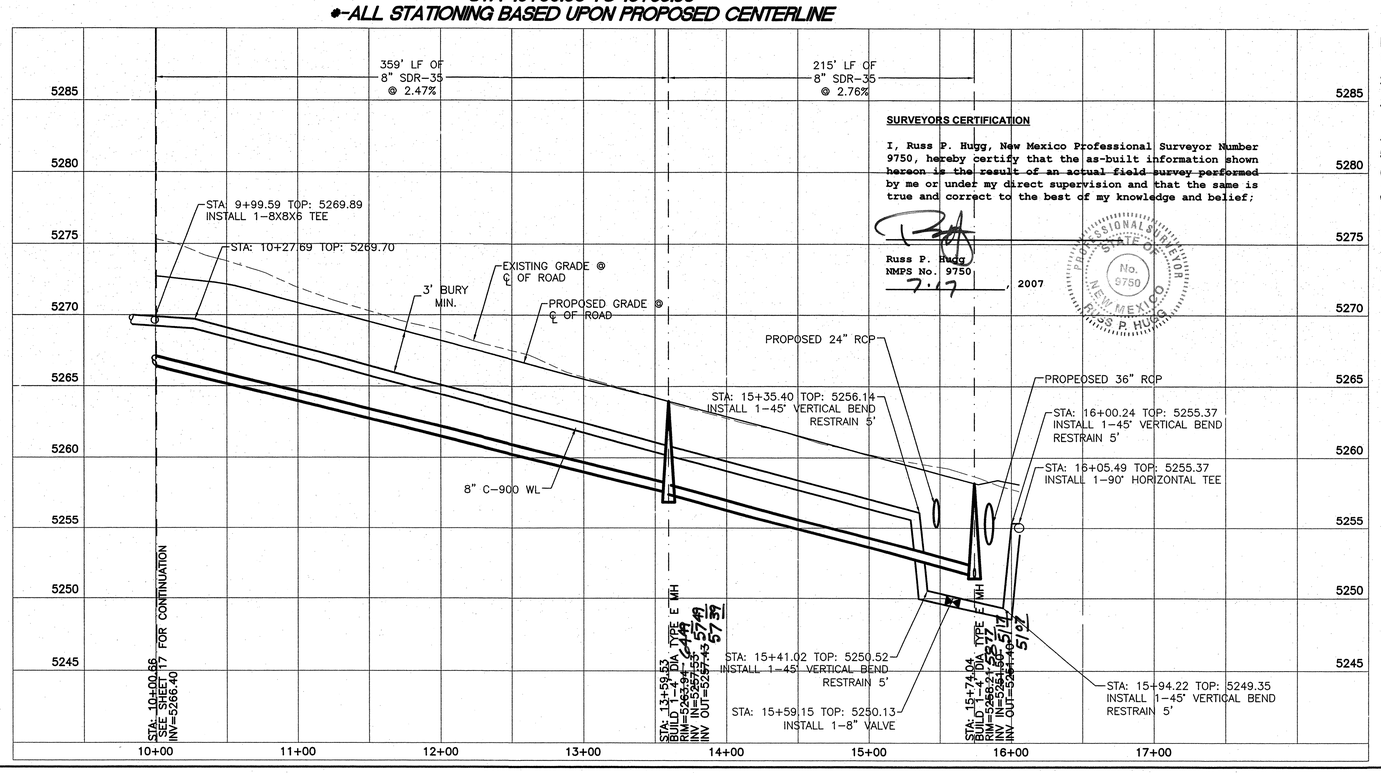
Record Drawing

SONTERRO UT CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C35	169.73	275.00	35°21'49"	S72°38'56"E	167.05
C36	163.56	265.00	35°21'49"	S72°38'56"E	160.98

SONTERRO UT LINE TABLE		
LINE	LENGTH	BEARING
L30	9.45	N32°30'47"E
L53	199.04	N89°40'09"E
L54	199.76	N89°40'09"E
L55	231.10	N81°29'26"E
L56	215.09	N81°29'26"E



SONTERRO AVENUE
STA: 10+00.00 TO 16+09.86
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



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Russ P. Hugg
NMPS No. 9750
7.17, 2007

NEW MEXICO STATE OF PROFESSIONAL SURVEYOR No. 9750 RUSS P. HUGG

WL TABLE

LOT #	STATION	SERVICE
1	15+03.61	SINGLE
2&3	14+60.22	DOUBLE
4&5	13+77.51	DOUBLE
6&7	12+93.35	DOUBLE
8&9	12+07.80	DOUBLE
10&11	11+13.04	DOUBLE

* @ END OF 8" MAIN LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
1	15+13.59	28	5253.24	5257.39
2	14+70.88	28	5254.37	5258.57
3	14+50.93	28	5254.90	5258.57
4	13+89.36	33	5256.60	5260.81
5	13+69.50	33	5257.15	5260.81
6	13+01.97	30	5258.95	5263.09
7	12+82.22	30	5259.44	5263.09
8	12+17.78	28	5261.03	5265.44
9	11+97.86	28	5261.53	5265.44
10	11+22.96	30	5263.38	5267.74
11	11+00.77	30	5263.93	5267.74

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.
5. ALL WATER SERVICES SHALL BE PER COA STD DWG #2361, 2362, 2366, 2368
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SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

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SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
SONTERRO AVENUE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
JAN - 9 2007 DESIGN REVIEW COMMITTEE	APPROVED JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	20	23

AS BUILT INFORMATION
CONTRACTOR, SALCBDS
WORK STAKED BY SURVTEC DATE 6/07
SUBGRADE CONDITIONS ACCEPTANCE BY LOE DATE 7/07
FIELD VERIFICATION BY ST DATE 7/07
DRAWINGS CORRECTED BY ST DATE 7/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

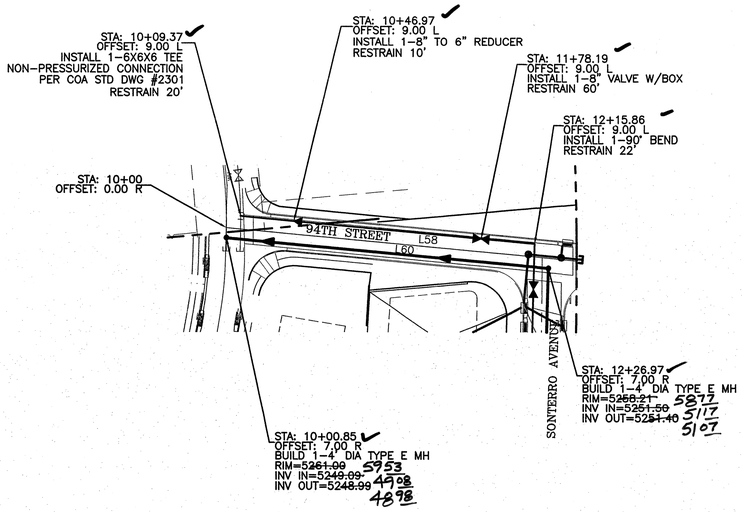
ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14033 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

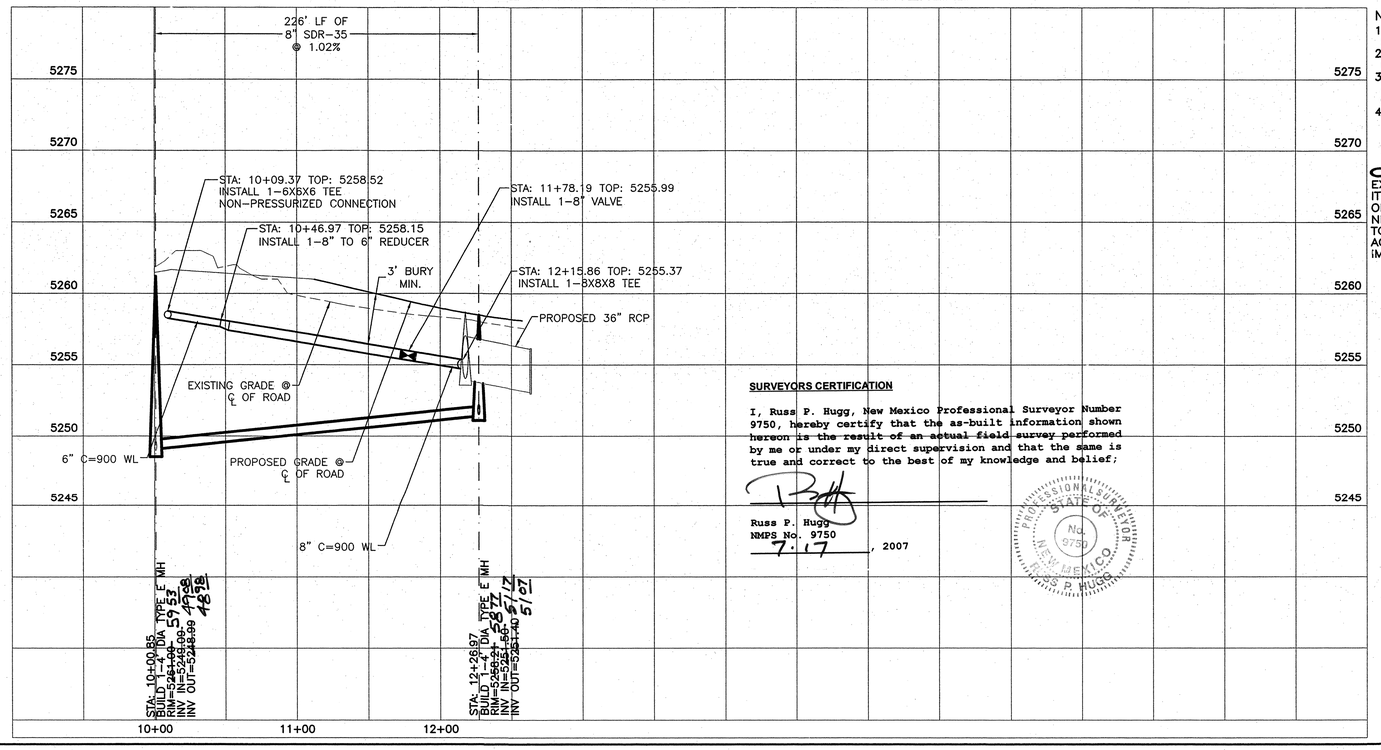
DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

10+00 11+00 12+00

94TH UT LINE TABLE		
LINE	LENGTH	BEARING
L58	206.49	S15°11'39"E
L60	226.12	S4°37'33"E



94TH STREET
STA: 10+00.00 TO 12+59.29
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



NOTE:
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2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.

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Russ P. Hugg
NMPS No. 9750
7.17, 2007

PROFESSIONAL SURVEYOR NO. 9750 STATE OF NEW MEXICO RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
1606 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTILITY IMPROVEMENTS
94TH STREET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JAN - 9 2007 DESIGN REVIEW COMMITTEE	APPROVED JAN 09 2007 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
784481	–	21	23

AS BUILT INFORMATION
CONTRACTOR Sills Bros
WORK STAKED BY SURVITEC DATE 2/1/07
INSPECTOR'S ACCEPTANCE BY RGE DATE 2/1/07
FIELD VERIFICATION BY STI DATE 2/1/07
DRAWINGS CORRECTED BY STI DATE 2/1/07
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"B-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14652 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

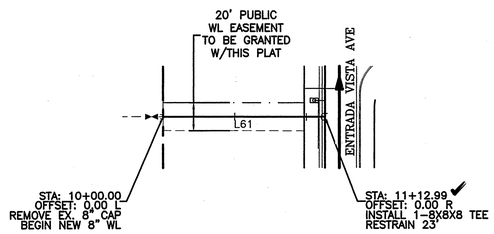
DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

Record Drawing

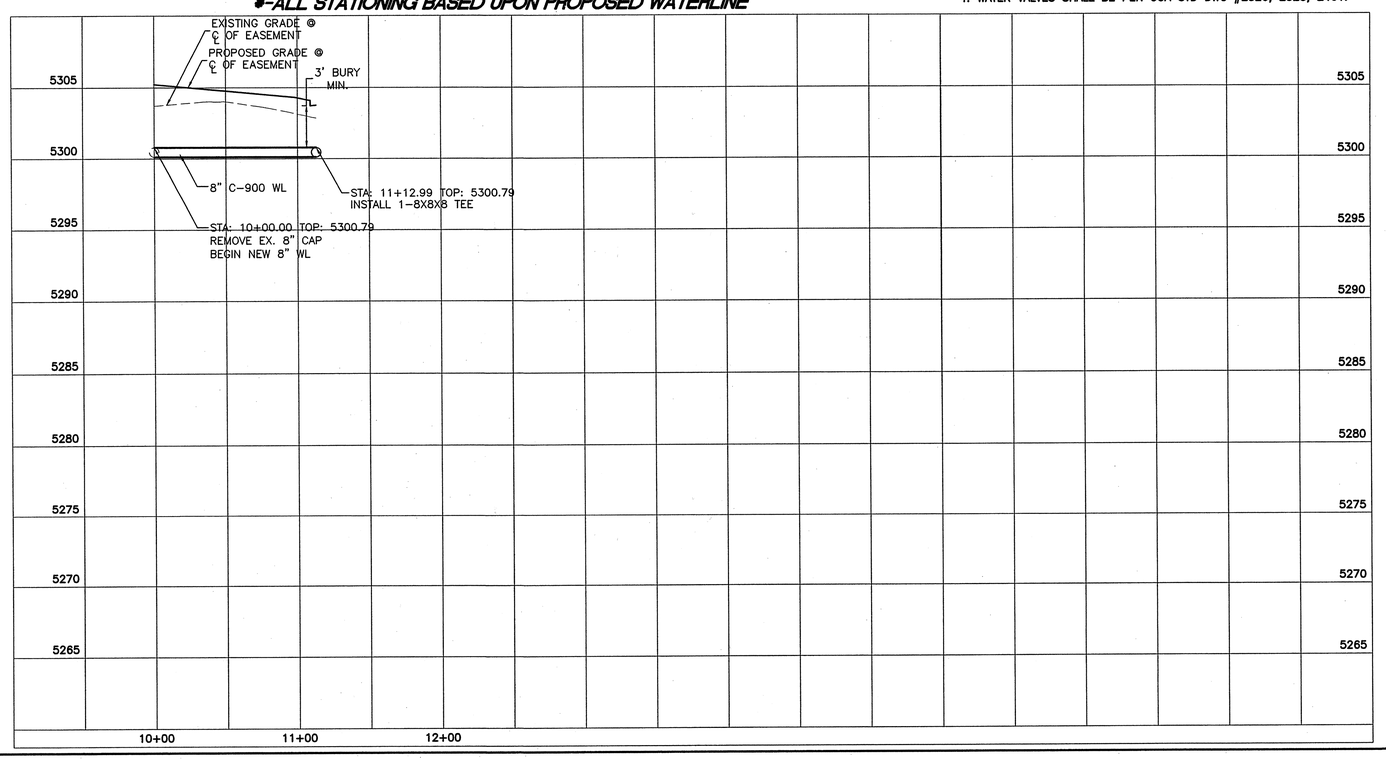
SCANNED BY
PLANNING

10+00 11+00 12+00

WL EASEMENT UT LINE TABLE		
LINE	LENGTH	BEARING
L61	112.99	S00°11'57"W



WATERLINE EASEMENT
STA: 10+00.00 TO 11+12.99
*-ALL STATIONING BASED UPON PROPOSED WATERLINE



NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE TO BE BUILT PER C.O.A. STD DWG #2340 FULLY RESTRAINED
3. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER COA STD DWG #2326, 2328, 2461.

CAUTION:
EXISTING UTILITIES ARE SHOWN FOR REFERENCE ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

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

BENCH MARKS
ACS MONUMENT
NM CENTRAL PLANE
"8-K9"
X=352217.80
Y=1484931.98
Z=5247.434
NAD 1927, NAVD 1929
G/S=0.99967415
DELTA/ALPHA=00°17'02"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
DONALD SOULE
NEW MEXICO
14652
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS
		REVISIONS

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

Rio Grande Engineering
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
UTLITY IMPROVEMENTS
WATERLINE EASEMENT

DESIGN REVIEW COMMITTEE: APPROVED DEC 19 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

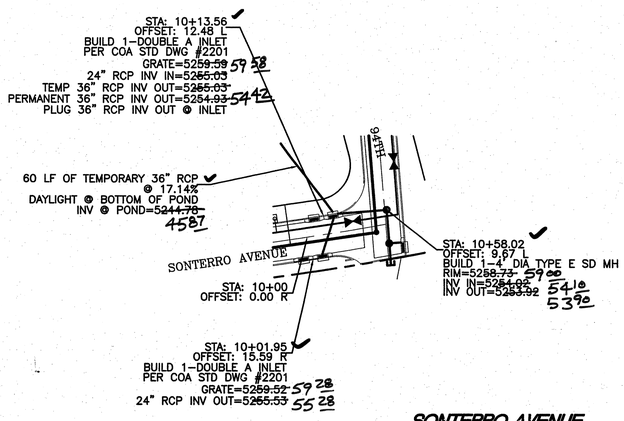
CITY PROJECT NO. 784481
ZONE MAP NO. —
SHEET 22 OF 23

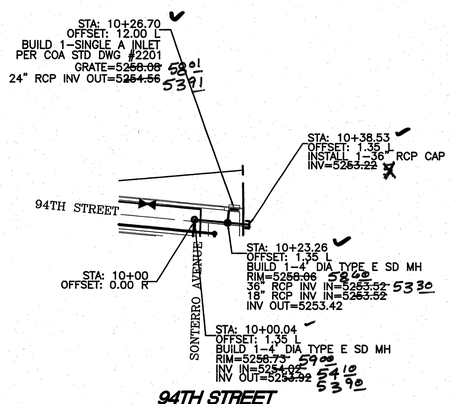
SCANNED BY PLANNING

Record Drawing

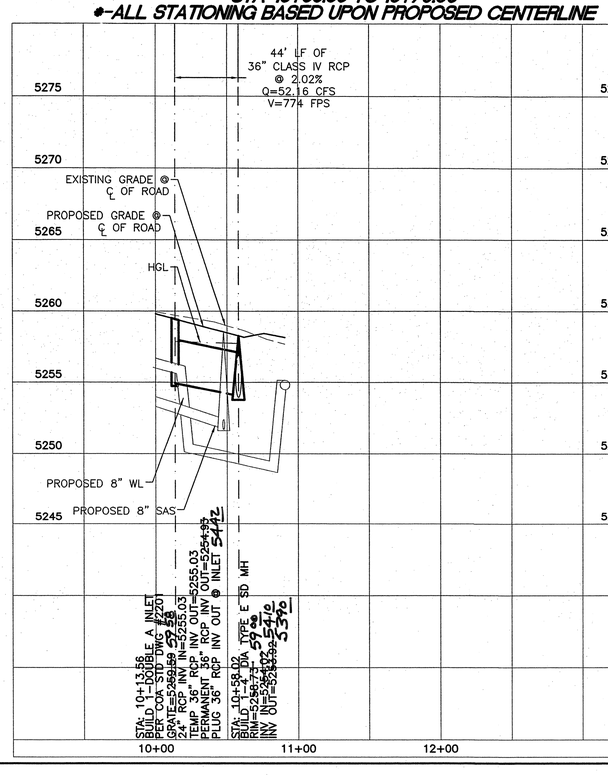
94TH SD LINE TABLE		
LINE	LENGTH	BEARING
L63	23.26	S84°37'33"E

94TH SD LINE TABLE		
LINE	LENGTH	BEARING
L63	23.26	S84°37'33"E
L64	8.21	S5°22'27"W
L65	15.27	S84°37'33"E

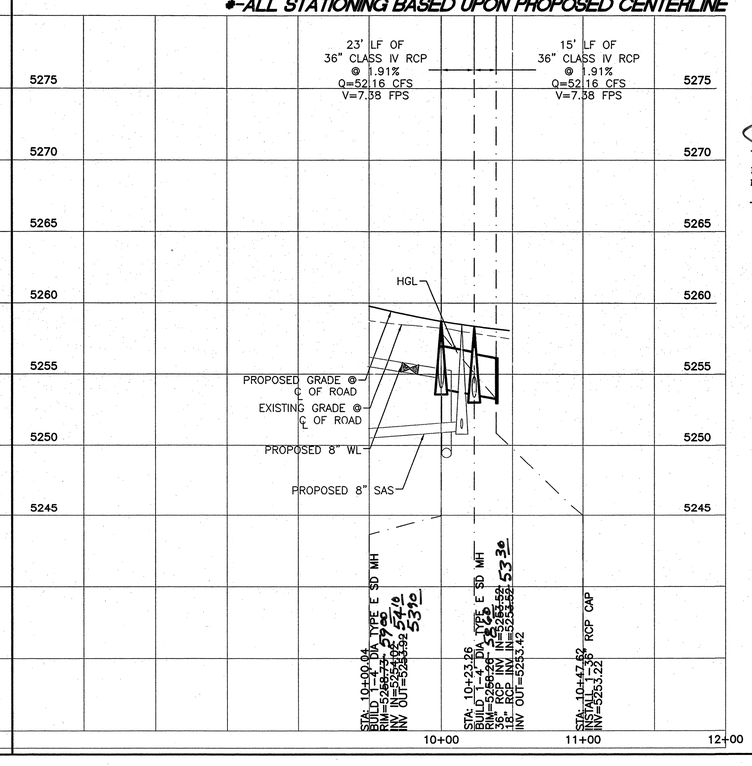




SONTERRO AVENUE
STA: 10+00.00 TO 10+70.06
#-ALL STATIONING BASED UPON PROPOSED CENTERLINE



94TH STREET
STA: 10+00.00 TO 10+48.53
#-ALL STATIONING BASED UPON PROPOSED CENTERLINE



SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief;

Russ P. Hugg
NMPS No. 9750
7-17, 2007

PROFESSIONAL SURVEYOR STATE OF NEW MEXICO No. 9750 RUSS P. HUGG

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

AS BUILT INFORMATION
CONTRACTOR: SAIS BROS
WORK STAKED BY: SURVTEK DATE 6/6/07
INSPECTOR'S ACCEPTANCE BY: RDE DATE 7/16/07
FIELD VERIFICATION BY: ST DATE 6/16/07
DRAWINGS CORRECTED BY: ST DATE 7/16/07
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
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Z=5247.434
NAD 1927, NAVD 1929
G/G=0.99967415
DELTA/ALPHA=0017'02"

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
DAVID SOULE NEW MEXICO 14831 PROFESSIONAL ENGINEER REGISTERED

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 1-30-06
DRAWN BY: WCWJ DATE: 1-30-06
DRAWN NAME: 2421-DRC-11-14-05X.DWG JOB NO.: 2421
CHECKED BY: DS DATE: 2-01-06

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(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **PRIMA ENTRADA SUBDIVISION**
STORM DRAIN IMPROVEMENTS
SONTERRO AVENUE/94TH STREET

DESIGN REVIEW COMMITTEE: APPROVED JAN - 9 2007 REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED JAN 09 2007 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 784481 | ZONE MAP NO. – | SHEET 23 OF 23