26-19371 SH-071

SCANNED BY PLANNING

CONSTRUCTION PLANS
FOR
DESERT GARDEN ESTATES

UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
SEPTEMBER 2006

RGE

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE 6-26-09

INDEX TO DRAWINGS

1. TITLE SHEET
2. PLAT
3. PLAT
4. GRADING AND DRAINAGE PLAN
5. GRADING AND DRAINAGE DETAILS
6. MASTER PAVING PLAN
7. IRVING BOULEVARD PAVING IMPROVEMENTS
8. PRICKLY BRUSH LANE PAVING IMPROVEMENTS
9. DESERT SENNA TRAIL PAVING IMPROVEMENTS
10. MASTER UTILITY PLAN
11. IRVING BOULEVARD #1 UTILITY IMPROVEMENTS
12. DESERT SENNA DRIVE UTILITY IMPROVEMENTS
13. IRVING BOULEVARD #2 UTILITY IMPROVEMENTS
14. ONSITE STORM DRAIN IMPROVEMENTS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I David Soule of the firm of Rio Grande Engineering a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Christopher Molina NMPS number 15302.

DAVID SOULE NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER 11/20/06

DRB# -1004091

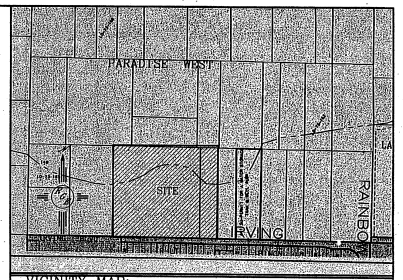
Rio Grande Engineering
1600 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

11-21-06
AMAFCA DATE

11-6-06
NEW MEXICO UTILITIES DATE

PROJECT BENCHMARK

ACS STATION "2B-9" ACS 1 3/4" ALUMINUM DISK STAMPED "ACS BM 2-B9", LOCATED IN THE SOUTHWEST QUADRANT OF LAS VENTANAS RD. & RAINBOW BLVD. NW, CENTERED ON THE INLET. ELEVATION = 5444.72' (NGVD 29 DATUM)



VICINITY MAP: A-9-Z

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-UPPING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.

6. 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 POADWAY 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 STANDAD 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 CONTRACTORS EXPENSE.

7. 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.

8. DEVELOPER SHALL PROVIDE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING FOR PRIVATE STREETS.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIAL.

10. CONTRACTOR SHALL PLACE ALL PERMANENT PAVING STRIPING AND MARKINGS, THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS, INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MUTCD.

11. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FORM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.

13. NOTIFY NEW MEXICO UTILITIES 3 DAYS PRIOR TO UTILITY CONSTRUCTION.

14. ALL UTILITY CONSTRUCTION SHALL BE PER NEW MEXICO UTILITIES CONSTRUCTION SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- [x] ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- [x] BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- [x] SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- [x] ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

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

ENGINEERS STAMP & SIGNATURE

DAVID SOULE NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER 11/20/06

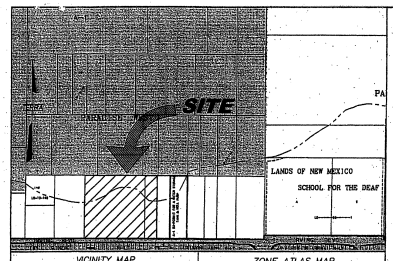
APPROVALS	ENGINEER	DATE
DRC Chairman		11-24-06
Transportation		11/20/06
Water/Wastewater	William J. Baker	11/18/06
Hydrology	Bradley L. Bingham	11/18/06
C.I.P		
Constr. Mngmt.		
Constr. Coord.		

APPROVED FOR CONSTRUCTION

City Engineer Date

CITY PROJECT NO. 793781

SHEET 1 OF 14



VICINITY MAP
NOT TO SCALE

ZONE ATLAS MAP
A-09-Z

SUBDIVISION DATA:

DATE OF SURVEY: DECEMBER 2004 & JUNE 2006
ZONE ATLAS PAGE: A-09-Z
ZONING: A-1
TOTAL SUBDIVISION AREA: 11.9999 ACRES
SUBDIVISION CASE NO.: N/A
TALOS LOG NO.: 2006250348
NUMBER OF EXISTING LOTS/TRACTS: TWO (2)
NUMBER OF CREATED LOTS/TRACTS: THIRTY-ONE (31)
TOTAL MILES OF FULL WIDTH STREETS CREATED: 0.161 MILES
TOTAL MILES OF HALF WIDTH STREETS CREATED: N/A

NOTES:

1. FIELD SURVEY PERFORMED IN DECEMBER 2004 AND JUNE 2006.
2. ALL DISTANCES SHOWN ARE GROUND DISTANCES.
3. ALBUQUERQUE CONTROL STATIONS USED:

   ALBUQUERQUE CONTROL STATION "1-A8" DATA:
   STANDARD CITY OF ALBUQUERQUE BRASS CAP (FOUND IN PLACE)
   NAD 1927 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE)
   X=350,152.25 FEET Y=1,531,818.60 FEET
   ELEV. = 5570.04 FEET (SLD 1929)
   GROUND TO GRID FACTOR = 0.9996593
   DELTA ALPHA = (-)00°17'21"

   ALBUQUERQUE CONTROL STATION "1-A10" DATA:
   STANDARD CITY OF ALBUQUERQUE BRASS CAP (FOUND IN PLACE)
   NAD 1927 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE)
   X=358,933.85 FEET Y=1,534,660.24 FEET
   ELEV. = 5415.16 FEET (SLD 1929)
   GROUND TO GRID FACTOR = 0.9996638
   DELTA ALPHA = (-)00°16'20"

4. BASIS OF BEARING – NAD 27 STATE PLANE, NM CENTRAL ZONE GRID BEARINGS USING FOUND MONUMENTS REFERENCED ABOVE IN NOTE NO. 1. (N72°04'08"E).
5. CORNERS IDENTIFIED AS "SET", ARE 5/8" REBAR WITH CAP STAMPED "PS15702", AND DEPICTED AS, —◉—, UNLESS OTHERWISE INDICATED.
6. BEARINGS AND DISTANCES SHOWN IN PARENTHESIS ( ) ARE PER RECORDED DEEDS.
7. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE PC'S, PTS, ANGLE POINTS AND STREET INTERSECTIONS AND SHOW THUS ▲ AND WILL BE MARKED BY A 4 INCH ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED, DO NOT DISTURB PLS 15702".

LEGAL DESCRIPTION FOR ANNEXATION:

A CERTAIN TRACT OF LAND SITUATE WITHIN PROJECTED SECTION 4, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, WITHIN THE TOWN OF ALAMEDA GRANT, BERNALILLO COUNTY, NEW MEXICO BEING AND COMPRISED OF UNPLATTED LANDS AS DESCRIBED IN THAT CERTAIN WARRANTY DEED TO AMALGAMATED PARTNERS, LLC, FILED JANUARY 30, 2003, IN BOOK A49, PAGE 5945, AS DOCUMENT NUMBER 2003015977, AND THAT CERTAIN WARRANTY DEED TO WESTERN LAND PARTNERSHIP, FILED NOVEMBER 11, 1995, AS DOCUMENT NUMBER 1995113484, AND BEING MORE PARTICULARLY DESCRIBED BY NAD 27 GRID BEARINGS AND GROUND DISTANCES AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF THE PARCEL HEREIN DESCRIBED BEING THE TRUE POINT OF BEGINNING AND A POINT ON THE NORTH RIGHT-OF-WAY LINE OF IRVING BOULEVARD NW (43' RIGHT-OF-WAY) AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF PINON POINTE UNIT 6 AT VENTANA RANCH, FILED MARCH 25, 2004, IN BOOK 2004C, PAGE 100, WITH THE BERNALILLO COUNTY CLERKS OFFICE; FROM WHENCE ALBUQUERQUE CONTROL STATION "1-A10" BEING A STANDARD ACS BRASS TABLET SET IN CONCRETE, HAVING NAD 1927 STATE PLANE COORDINATE VALUES OF X: 358,933.85 FEET AND Y: 1,534,660.24 FEET BEARS N46°08'42"E A DISTANCE OF 7,329.75 FEET; THENCE,

N89°48'03"W ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD A DISTANCE OF 794.52 FEET TO THE SOUTHWEST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

N00°18'27"E LEAVING THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD A DISTANCE OF 657.90 FEET TO THE NORTHWEST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

S89°48'03"E A DISTANCE 794.52 FEET TO THE NORTHEAST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

S00°18'27"W A DISTANCE OF 657.90 FEET TO POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD AND BEING THE TRUE POINT OF BEGINNING;

SAID TRACT OF LAND HEREIN DESCRIBED CONTAINS 11.9999 ACRES (522,713.77 SQUARE FEET) MORE OR LESS;

DAVID SOULE, MANAGING MEMBER
IRVING PARTNERS, LLC

9/29/06
DATE

APPROVED BY:

CITY OF ALBUQUERQUE SURVEYOR

10-2-06
DATE

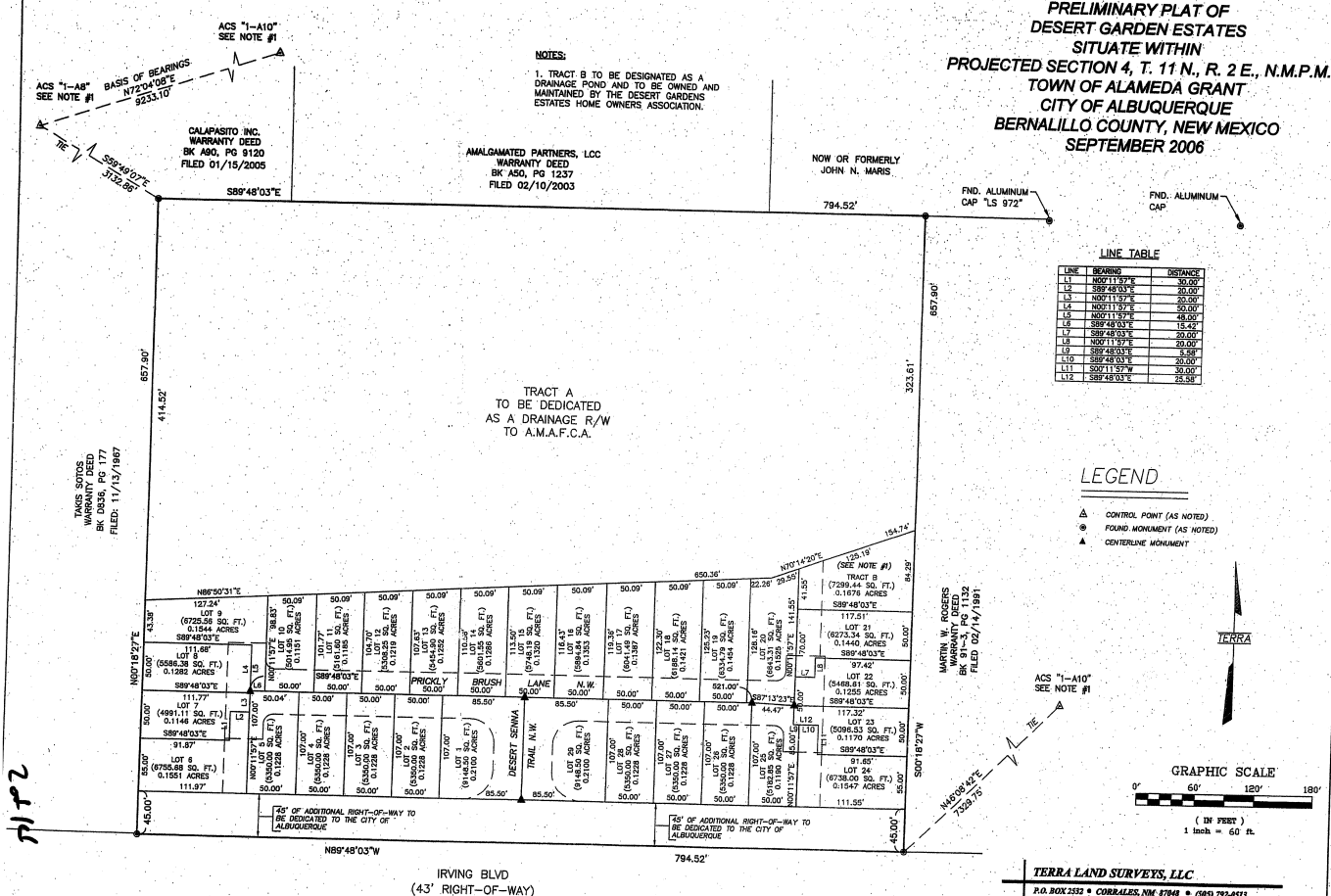
PRELIMINARY PLAT OF DESERT GARDEN ESTATES SITUATE WITHIN PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M. TOWN OF ALAMEDA GRANT CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO SEPTEMBER 2006

SCANNED BY PLANNING

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 1 OF 3
TERRA PROJECT NO. X4050

PRELIMINARY PLAT OF DESERT GARDEN ESTATES SITUATE WITHIN PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M. TOWN OF ALAMEDA GRANT CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO SEPTEMBER 2006



NOTES:

1. TRACT B TO BE DESIGNATED AS A DRAINAGE POND AND TO BE OWNED AND MAINTAINED BY THE DESERT GARDENS ESTATES HOME OWNERS ASSOCIATION.

LINE TABLE

LINE	BEARING	DISTANCE
L1	N00°11'57"E	30.00'
L2	S89°48'03"E	40.00'
L3	N00°11'57"E	20.00'
L4	N00°11'57"E	50.00'
L5	N00°11'57"E	48.00'
L6	S89°48'03"E	15.42'
L7	S89°48'03"E	20.00'
L8	N00°11'57"E	20.00'
L9	S89°48'03"E	5.58'
L10	S89°48'03"E	20.00'
L11	S00°11'57"W	30.00'
L12	S89°48'03"E	25.58'

LEGEND

- ▲ CONTROL POINT (AS NOTED)
- ◉ FOUND MONUMENT (AS NOTED)
- ▲ CENTERLINE MONUMENT

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 2 OF 3
TERRA PROJECT NO. X4050

Page 2 of 2

Record Drawing

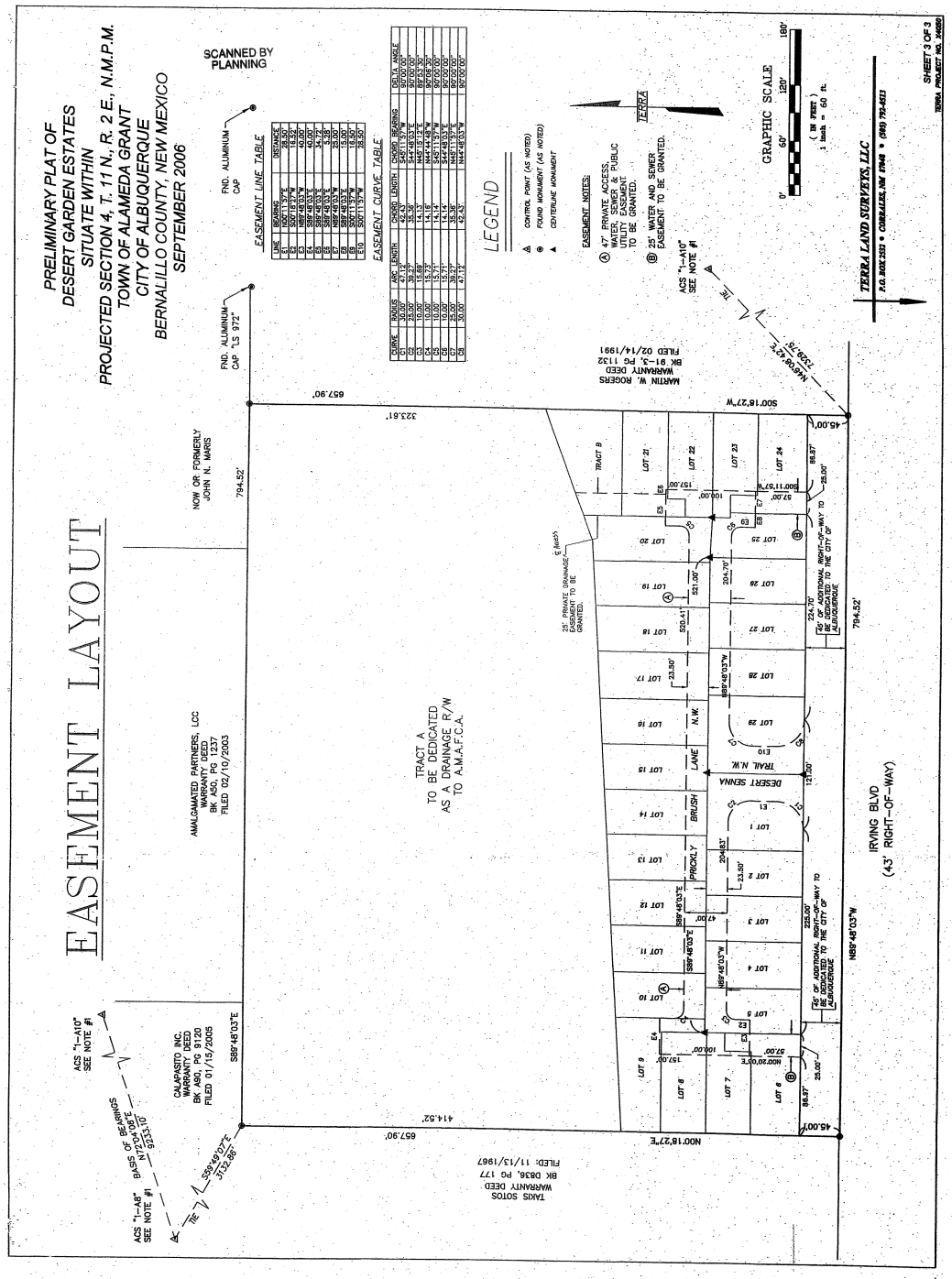


EXHIBIT A

LEGAL DESCRIPTION

(WATER & SANITARY SEWER EASEMENT)

A CERTAIN TRACT OF LAND TO BE DESIGNATED AS A "WATER AND SANITARY SEWER EASEMENT" SITUATE WITHIN PROJECTED SECTION 4, TOWNSHIP 11 NORTH, RANGE 2 EAST, OF THE NEW MEXICO PRINCIPAL MERIDIAN, TOWN OF ALAMEDA GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AND BEING COMPRISED OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN THAT CERTAIN WARRANTY DEED FILED WITH THE OFFICE OF THE BERNALILLO COUNTY CLERK ON JANUARY 30, 2003, IN BOOK A49, PAGE 5945, AS DOCUMENT NUMBER 2003018977, AND THAT CERTAIN TRACT OF LAND AS DESCRIBED IN THAT CERTAIN WARRANTY DEED FILED WITH THE OFFICE OF THE BERNALILLO COUNTY CLERK ON NOVEMBER 03, 1995, IN BOOK 95-26, PAGE 9597, AS DOCUMENT NUMBER 1995113484 AND BEING MORE PARTICULARLY DESCRIBED BY NAD 27 NEW MEXICO CENTRAL ZONE GRID BEARINGS AND GROUND DISTANCES AS FOLLOWS:

COMMENCING AT ALBUQUERQUE CONTROL STATION "1-A10" BEING A STANDARD ACS MONUMENT SET IN CONCRETE AND HAVING NAD 1927 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATE VALUES OF X: 358,933.85 FEET AND Y: 1,534,665.24 FEET; THENCE, S. 46°08'42" W. A DISTANCE OF 7,329.75 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF IRVING BOULEVARD N.W. (43' RIGHT-OF-WAY), SAID POINT ALSO BEING THE SOUTHEAST CORNER OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN THAT CERTAIN WARRANTY DEED FILED IN SAID BOOK A49, PAGE 5945; THENCE, N. 89°48'03" W. ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD N.W., A DISTANCE OF 88.26 FEET TO THE TRUE POINT OF BEGINNING OF THE EASEMENT HEREIN DESCRIBED; THENCE LEAVING THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD N.W. AND CONTINUING AS AN EASEMENT FOR THE NEXT EIGHT (8) CALLS:

N. 00°11'57" E., A DISTANCE OF 169.50 FEET TO A POINT; THENCE,

N. 89°48'03" W., A DISTANCE OF 615.62 FEET TO A POINT; THENCE,

S. 00°00'00" W., A DISTANCE OF 169.50 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD N.W.; THENCE,

S. 89°48'03" E., ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD N.W. A DISTANCE OF 25.00 FEET TO A POINT; THENCE,

N. 00°00'00" E., A DISTANCE OF 144.50 FEET TO A POINT; THENCE,

S. 89°48'03" E., A DISTANCE OF 585.54 FEET TO A POINT; THENCE,

S. 00°11'57" W., A DISTANCE OF 144.50 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD N.W.; THENCE,

S. 89°48'03" E., ALONG SAID IRVING BOULEVARD RIGHT-OF-WAY A DISTANCE OF 25.00 FEET TO THE POINT OF BEGINNING OF THE SAID EASEMENT HEREIN DESCRIBED;

SAID EASEMENT HEREIN DESCRIBED HAVING AN AREA OF 0.5192 ACRES (22,614.49 SQUARE FEET) MORE OR LESS.

I CHRISTOPHER A. MEDINA, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15702, DO HEREBY CERTIFY THAT THIS LEGAL DESCRIPTION AND EASEMENT EXHIBIT SHOWN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS LEGAL DESCRIPTION AND EASEMENT EXHIBIT MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHRISTOPHER A. MEDINA, PLS NO. 15702 — DATE: October 26, 2006

NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR

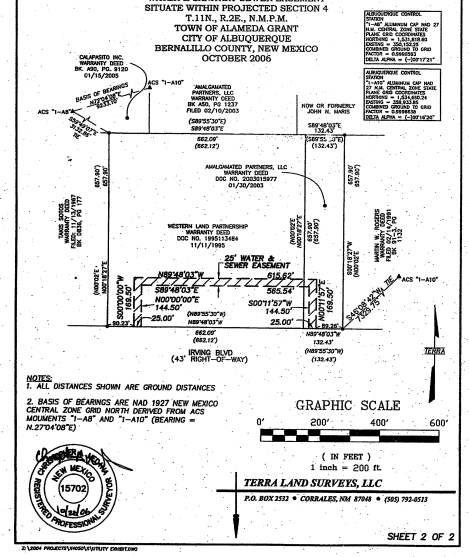
TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 1 OF 2

Z:\20X I PROJECTS\X4080\S\UTILITY EXHIBIT.DWG

EXHIBIT A

SKETCH SHOWING
WATER & SANITARY SEWER EASEMENT
SITUATE WITHIN PROJECTED SECTION 4
T.11N., R.2E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER 2006



NOTES:
1. ALL DISTANCES SHOWN ARE GROUND DISTANCES
2. BASIS OF BEARINGS ARE NAD 1927 NEW MEXICO CENTRAL ZONE GRID NORTH DERIVED FROM ACS MONUMENTS "1-A8" AND "1-A10" (BEARING = N.27°04'08"E)

GRAPHIC SCALE
0' 200' 400' 600'
(IN FEET)
1 inch = 200 ft.

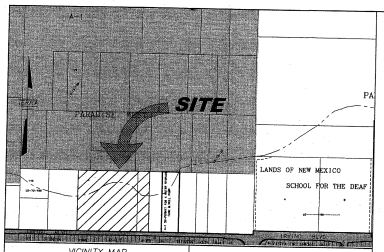
NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 2 OF 2

Z:\20X I PROJECTS\X4080\S\UTILITY EXHIBIT.DWG

3 of 14



VICINITY MAP
NOT TO SCALE

ZONE ATLAS MAP
A-09-Z

PURPOSE OF PLAT:

THE PURPOSE OF THIS BOUNDARY SURVEY AND PLAT IS TO SUBDIVIDE 2 UNPLATTED TRACTS INTO 29 SEPARATE LOTS, 2 INDIVIDUAL TRACTS AND **VACATE EXISTING EASEMENTS.**

SUBDIVISION DATA:

CITY CASE NO. 1004091
ZONE ATLAS INDEX NO. A-09-Z
DATE OF SURVEY JUNE 2006
TOTAL NO. OF LOTS EXISTING 2
TOTAL NO. OF LOTS CREATED 31
GROSS SUBDIVISION ACREAGE 11.9999 ACRES
CURRENT ZONING R-LT
TALOS LOG NO. 2006454192
TOTAL MILEAGE OF STREETS CREATED: 0.161 MILES
TOTAL MILEAGE OF 1/2 WIDTH STREETS CREATED: 0.150 MILES

NOTES:

1. FIELD SURVEY PERFORMED IN DECEMBER 2004 AND JUNE 2006.
2. ALL DISTANCES SHOWN ARE GROUND DISTANCES.
3. ALBUQUERQUE CONTROL STATIONS USED:

   ALBUQUERQUE CONTROL STATION "1-A8" DATA:
   STANDARD CITY OF ALBUQUERQUE BRASS CAP (FOUND IN PLACE)
   NAD 1927 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE)
   X=350,152.25 FEET Y=1,531,818.60 FEET
   ELEV. = 5570.04 FEET (SLD 1929)
   GROUND TO GRID FACTOR = 0.9996593
   DELTA ALPHA = (-)00°17'21"

   ALBUQUERQUE CONTROL STATION "1-A10" DATA:
   STANDARD CITY OF ALBUQUERQUE BRASS CAP (FOUND IN PLACE)
   NAD 1927 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE)
   X=358,933.85 FEET Y=1,534,660.24 FEET
   ELEV. = 5415.16 FEET (SLD 1929)
   GROUND TO GRID FACTOR = 0.9996638
   DELTA ALPHA = (-)00°16'20"

4. BASIS OF BEARING – NAD 27 STATE PLANE, NM CENTRAL ZONE GRID BEARINGS USING FOUND MONUMENTS REFERENCED ABOVE IN NOTE NO. 1. (N72°04'08"E).
5. CORNERS IDENTIFIED AS "SET", ARE 5/8" REBAR WITH CAP STAMPED "PS15702", AND DEPICTED AS, —◉—, UNLESS OTHERWISE INDICATED.
6. BEARINGS AND DISTANCES SHOWN IN PARENTHESIS ( ) ARE PER RECORDED DEEDS.
7. CENTERLINE MONUMENTS (IN LIEU OF R/W MONUMENTATION) TO BE INSTALLED AT ALL P.C.'S, P.T.'S, ANGLE POINTS, AND STREET INTERSECTIONS AS SHOWN HEREON AND WILL CONSIST OF 3 1/4" ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENT, PLEASE DO NOT DISTURB, PLS 15702".
8. TRACT B SHALL BE OWNED AND MAINTAINED BY THE DESERT GARDEN ESTATES HOMEOWNERS ASSOCIATION.
9. THE PRIVATE ACCESS EASEMENTS SHOWN HEREON ARE GRANTED TO THE DESERT GARDEN ESTATES HOME OWNERS ASSOCIATION FOR THEIR BENEFIT, USE, AND ENJOYMENT. MAINTENANCE OF ACCESS EASEMENTS SHALL BE THE SOLE RESPONSIBILITY OF THE HOME OWNERS ASSOCIATION.

2006103929
4064493
Page 1 of 5
12/28/2006 09:29M
Mary Herrera Bern. Co. PLAT R 27.00 Bk-2006C Pg-396

LEGAL DESCRIPTION:

A CERTAIN TRACT OF LAND SITUATE WITHIN PROJECTED SECTION 4, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, WITHIN THE TOWN OF ALAMEDA GRANT, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO AND BEING COMPRISED OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN THAT CERTAIN WARRANTY DEED TO AMALGAMATED PARTNERS, LLC, FILED JANUARY 30, 2003, IN BOOK A49, PAGE 5945, AS DOCUMENT NUMBER 2003015977, AND THAT CERTAIN WARRANTY DEED TO WESTERN LAND PARTNERSHIP, FILED NOVEMBER 3, 1995, IN BOOK 95-26, PAGE 9597 AS DOCUMENT NUMBER 1995113484, AND BEING MORE PARTICULARLY DESCRIBED BY NAD 27 GRID BEARINGS AND GROUND DISTANCES AS FOLLOWS:

COMMENCING AT THE TRUE POINT OF BEGINNING, BEING THE SOUTHEAST CORNER OF THE TRACT OF LAND HEREIN DESCRIBED AND ALSO BEING A POINT ON THE NORTH RIGHT-OF-WAY LINE OF IRVING BOULEVARD N.W. (43' RIGHT-OF-WAY) AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF PINON POINTE UNIT 6 AT VENTANA RANCH, FILED MARCH 25, 2004, IN BOOK 2004C, PAGE 100, WITH THE BERNALILLO COUNTY CLERKS OFFICE; FROM WHENCE ALBUQUERQUE CONTROL STATION "1-A10" BEING A FOUND BRASS CAP SET IN CONCRETE, HAVING NAD 1927 STATE PLANE COORDINATE VALUES OF X: 358,933.85 FEET AND Y: 1,534,660.24 FEET BEARS N46°08'42"E A DISTANCE OF 7,329.75 FEET; THENCE,

N89°48'03"W ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD A DISTANCE OF 794.52 FEET TO THE SOUTHWEST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

N00°18'27"E LEAVING THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD A DISTANCE OF 657.90 FEET TO THE NORTHWEST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

S89°48'03"E A DISTANCE 794.52 FEET TO THE NORTHEAST CORNER OF THE TRACT HEREIN DESCRIBED; THENCE,

S00°18'27"W A DISTANCE OF 657.90 FEET TO POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF SAID IRVING BOULEVARD AND BEING THE TRUE POINT OF BEGINNING;

SAID TRACT OF LAND HEREIN DESCRIBED CONTAINS 11.9999 ACRES (522,713.77 SQUARE FEET) MORE OR LESS;

FREE CONSENT AND DEDICATION:

THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) OF THAT CERTAIN TRACT OF LAND HEREIN DESCRIBED AND BEING COMPRISED OF TWO UNPLATTED TRACTS OF LAND SITUATE WITHIN PROJECTED SECTION 4, T11N, R2E, N.M.P.M. BERNALILLO COUNTY, NEW MEXICO, DO HEREBY CONSENT TO THE SUBDIVISION OF THE PROPERTY AS SHOWN AND THE SAME IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/OR PROPRIETOR(S) AND SAID OWNER(S) AND/OR PROPRIETOR(S) WARRANT THAT THEY HOLD AMONG THEM COMPLETE AND INDEFEASIBLE TITLE IN FEE SIMPLE TO THE PARCEL(S) HEREIN DESCRIBED AND DO HEREBY DEDICATE ADDITIONAL STREET AND PUBLIC RIGHT-OF-WAYS SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS AND DO HEREBY GRANT EASEMENTS AS SHOWN HEREON. SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY REPRESENT THAT THEY ARE SO AUTHORIZED TO ACT.

BY: _____
DAVID SOULE, MANAGING MEMBER
IRVING PARTNERS, LLC

ACKNOWLEDGMENT

STATE OF New Mexico)
) SS.
COUNTY OF Bernalillo)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON THIS 30th DAY OF November, 2006, BY DAVID SOULE

NOTARY PUBLIC: Rene L Ryan
MY COMMISSION EXPIRES: April 28, 09

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

SURVEYOR'S CERTIFICATE:

I, CHRISTOPHER A. MEDINA, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15702, DO HEREBY CERTIFY THAT THIS PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE CITY OF ALBUQUERQUE SUBDIVISION ORDINANCE; SHOWS ALL EASEMENTS ON SUBJECT TRACT(S) AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNER(S), UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST; MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS EFFECTIVE OCTOBER 1, 2000; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Christopher A. Medina
CHRISTOPHER A. MEDINA, NMPLS NO. 15702 — Nov. 30, 2006 DATE

NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR 11/30/06

PLAT OF
DESERT GARDEN ESTATES
SITUATE WITHIN
PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2006

PROJECT NUMBER: 1004091
APPLICATION NUMBER: 06 DRB-01685

UTILITY APPROVALS:

PNM ELECTRIC SERVICES — 12-27-06 DATE
PNM GAS SERVICE — 12-27-06 DATE
QWEST TELECOMMUNICATIONS — 12/19/06 DATE
COMCAST — 12-19-06 DATE
NEW MEXICO UTILITIES, INC. — 12-22-06 DATE

NOTE: THESE PROPERTIES LIE WITHIN THE NEW MEXICO UTILITIES, INC. (NMU, INC.) FRANCHISE AREA. WATER AND SANITARY SEWER CAPABILITIES ARE BASED UPON THE NMU, INC. FACILITIES, NOT THE CITY OF ALBUQUERQUE.

CITY APPROVALS:

CITY OF ALBUQUERQUE SURVEYOR — 12-4-06 DATE
N/A
REAL PROPERTY DIVISION — DATE
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION — 12-20-06 DATE
UTILITY DEVELOPMENT — 12-20-06 DATE
PARKS & RECREATION DEPARTMENT — 12/20/06 DATE
A.M.A.F.C.A. — 12-22-06 DATE
CITY ENGINEER — 12-27-06 DATE
DRB CHAIRPERSON, PLANNING DEPT. — 12-28-06 DATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC # 101006134530420 PROPERTY OWNER OF RECORD: IRVING PARTNERS LLC
BERNALILLO COUNTY TREASURER'S OFFICE: 12/28/06

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SCANNED BY PLANNING

SHEET 1 OF 5
TERRA PROJECT NO. X4050

PUBLIC UTILITY EASEMENT NOTE:

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. PNM ELECTRIC SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, COMMUNICATION FACILITIES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. PNM GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.
3. QWEST CORPORATION FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF SUCH LINES, CABLES, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.
5. NEW MEXICO UTILITIES, INC. FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND WATER AND SANITARY SEWER LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE WATER AND SANITARY SEWER SERVICE.

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

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10;) IN FRONT OF TRANSFORMER/SWITCHGEAR DOOR AND FIVE FEET (5') ON EACH SIDE.

IN APPROVING THIS PLAT, PNM ELECTRIC SERVICES AND PNM GAS SERVICES DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES HEREON, CONSEQUENTLY, PNM DOES NOT WAIVE OR RELEASE ANY EASEMENT OR EASEMENT RIGHT TO WHICH IT MAY BE ENTITLED.

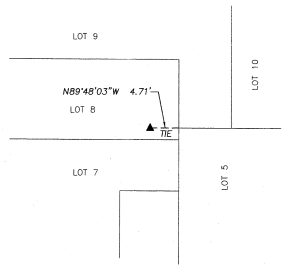
DOCUMENTS USED:

1. DOCUMENT ENTITLED "WARRANTY DEED" FILED FEBRUARY 10, 2003, IN BK. A50, PG. 1237 AS DOCUMENT NUMBER 2003021276, WITH THE BERNALILLO COUNTY CLERKS OFFICE.
2. DOCUMENT ENTITLED "WARRANTY DEED" FILED NOVEMBER 3, 1995, IN BK. 95-26, PG. 9597 AS DOCUMENT NUMBER 1995113484, WITH THE BERNALILLO COUNTY CLERKS OFFICE.
3. DOCUMENT ENTITLED "WARRANTY DEED" FILED MARCH 1, 1973, IN BK. D937, PG. 488, WITH THE BERNALILLO COUNTY CLERKS OFFICE.
4. DOCIMENT ENTITLED "WARRANTY DEED" FILED MAY 23, 1978, IN BK. D62-A, PG. 351, AS DOCUMENT NUMBER 783690B, WITH THE BERNALILLO COUNTY CLERKS OFFICE.

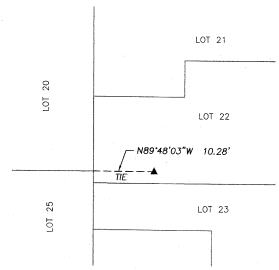
AREA TABLE

LOT #	GROSS	LOT #	GROSS
1 P-1	8768.86 SQ.FT 0.2013 AC.	16 P-1	5894.84 SQ.FT 0.1353 AC.
2 P-1	5350.00 SQ.FT 0.1228 AC.	17 P-1	6041.49 SQ.FT 0.1387 AC.
3 P-1	5350.00 SQ.FT 0.1228 AC.	18 P-1	6188.14 SQ.FT 0.1421 AC.
4 P-1	5350.00 SQ.FT 0.1228 AC.	19 P-1	6334.79 SQ.FT 0.1454 AC.
5 P-1	5350.00 SQ.FT 0.1228 AC.	20 P-1	6643.31 SQ.FT 0.1525 AC.
6 P-1	6755.68 SQ.FT 0.1551 AC.	21 P-1	6273.34 SQ.FT 0.1440 AC.
7 P-1	4991.11 SQ.FT 0.1146 AC.	22 P-1	5468.61 SQ.FT 0.1255 AC.
8 P-1	5586.38 SQ.FT 0.1282 AC.	23 P-1	5096.53 SQ.FT 0.1170 AC.
9 P-1	6725.56 SQ.FT 0.1544 AC.	24 P-1	6738.00 SQ.FT 0.1547 AC.
10 P-1	5014.95 SQ.FT 0.1151 AC.	25 P-1	5182.85 SQ.FT 0.1190 AC.
11 P-1	5161.60 SQ.FT 0.1185 AC.	26 P-1	5350.00 SQ.FT 0.1228 AC.
12 P-1	5308.25 SQ.FT 0.1219 AC.	27 P-1	5350.00 SQ.FT 0.1228 AC.
13 P-1	5454.90 SQ.FT 0.1252 AC.	28 P-1	5350.00 SQ.FT 0.1228 AC.
14 P-1	5601.55 SQ.FT 0.1286 AC.	29 P-1	8767.86 SQ.FT 0.2013 AC.
15 P-1	5748.19 SQ.FT 0.1320 AC.	TR. B	7299.44 SQ.FT 0.1676 AC.

DETAIL A
N.T.S.
SEE SHEET 5 OF 5



DETAIL B
N.T.S.
SEE SHEET 5 OF 5



PLAT OF
DESERT GARDEN ESTATES
SITUATE WITHIN
PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2006

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON

UNIFORM PROPERTY CODE #: _____
UNIFORM PROPERTY CODE #: _____
PROPERTY OWNER OF RECORD: _____

BERNALILLO COUNTY TREASURE'S OFFICE: _____

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Page 5 of 5
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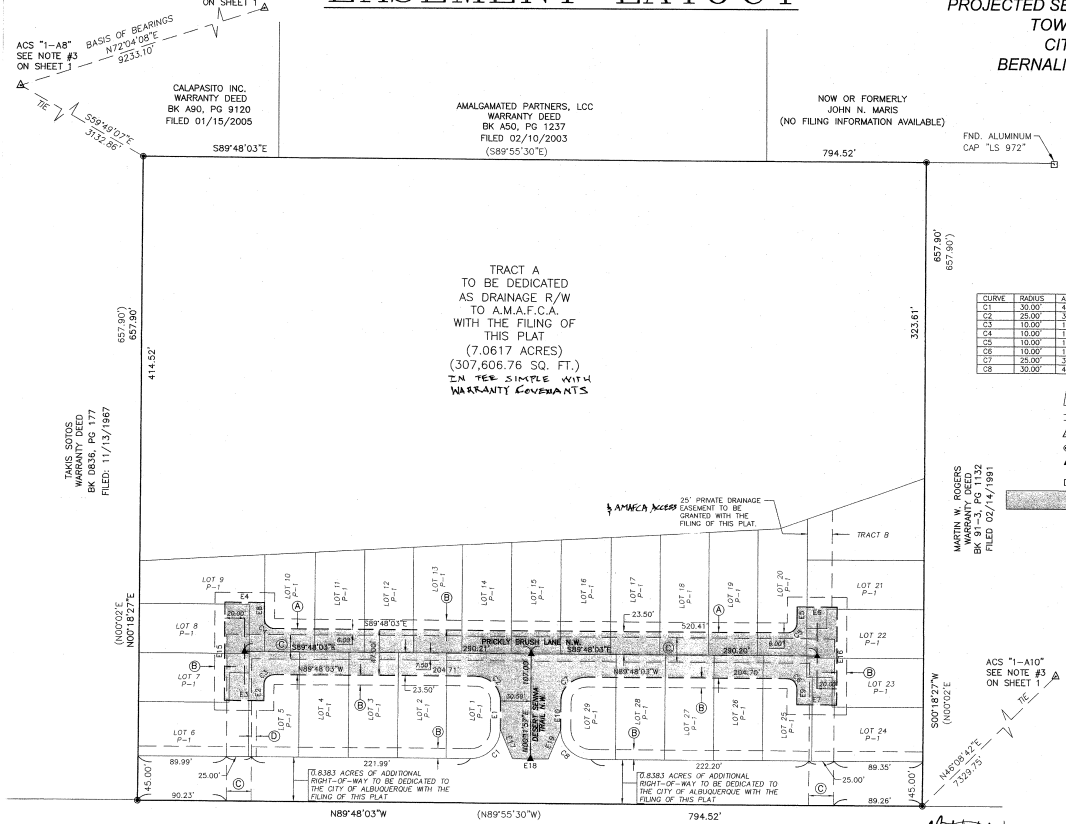
Mary Herrera Bern. Co. PLAT R 27.00 Bk-2006C Pg-396

NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR 11/30/06

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

EASEMENT LAYOUT

DESERT GARDEN ESTATES
SITUATE WITHIN
PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2006



EASEMENT LINE TABLE

LINE	BEARING	DISTANCE
E1	N00°11'57"E	28.50'
E2	N00°11'57"E	16.50'
E3	N89°48'03"W	40.00'
E4	S89°48'03"E	40.00'
E5	S00°11'57"W	16.50'
E6	S89°48'03"E	40.00'
E7	N89°48'03"W	40.00'
E8	N00°11'57"E	16.50'
E9	S00°11'57"W	16.50'
E10	S00°11'57"W	28.50'
E15	S00°11'57"W	100.00'
E16	S00°11'57"W	100.00'
E17	S22°25'15"E	32.50'
E18	N89°48'03"W	36.00'
E19	S22°49'08"W	32.50'

EASEMENT CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	30.00'	47.12'	42.43'	S45°11'57"W	90°00'00"
C2	25.00'	39.27'	35.36'	S44°48'03"E	90°00'00"
C3	10.00'	15.71'	14.14'	N45°11'57"W	90°00'00"
C4	10.00'	15.71'	14.14'	N44°48'03"W	90°00'00"
C5	10.00'	15.71'	14.14'	S45°11'57"W	90°00'00"
C6	10.00'	15.71'	14.14'	S44°48'03"E	90°00'00"
C7	25.00'	39.27'	35.36'	N45°11'57"E	90°00'00"
C8	30.00'	47.12'	42.43'	N44°48'03"W	90°00'00"

LEGEND

- CONTROL POINT (AS NOTED)
- SET 5/8" REBAR W/CAP "CA MEDINA 15702"
- CITY OF ALBUQUERQUE CENTERLINE MONUMENT STAMPED "LS 15702"
- FOUND MONUMENT (AS NOTED)
- 47' PRIVATE ACCESS & PUBLIC UTILITY EASEMENT TO BE GRANTED WITH FILING OF THIS PLAT

EASEMENT NOTES:

(A) 47' PRIVATE ACCESS, A.M.A.F.C.A. ACCESS & PUBLIC UTILITY EASEMENT TO BE GRANTED WITH FILING OF THIS PLAT

(B) 10' PUBLIC UTILITY EASEMENT TO BE GRANTED WITH THE FILING OF THIS PLAT

(C) 25' PUBLIC WATER & SEWER EASEMENT (11/01/2006) (BK. A126, PG 6461)

(D) 5.0'x47.0' PUBLIC UTILITY EASEMENT GRANTED WITH THE FILING OF THIS PLAT.

TERRA

GRAPHIC SCALE
0' 60' 120' 180'
(IN FEET)
1 inch = 60 ft.

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Page 4 of 5
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Mary Herrera Bern. Co. PLAT R 27.00 Bk-2006C Pg-396

CHRISTOPHER A. MEDINA NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR 11/30/06

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 4 OF 5
TERRA PROJECT NO. X4050

VACATION EXHIBIT

PLAT OF
DESERT GARDEN ESTATES
SITUATE WITHIN
PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2006

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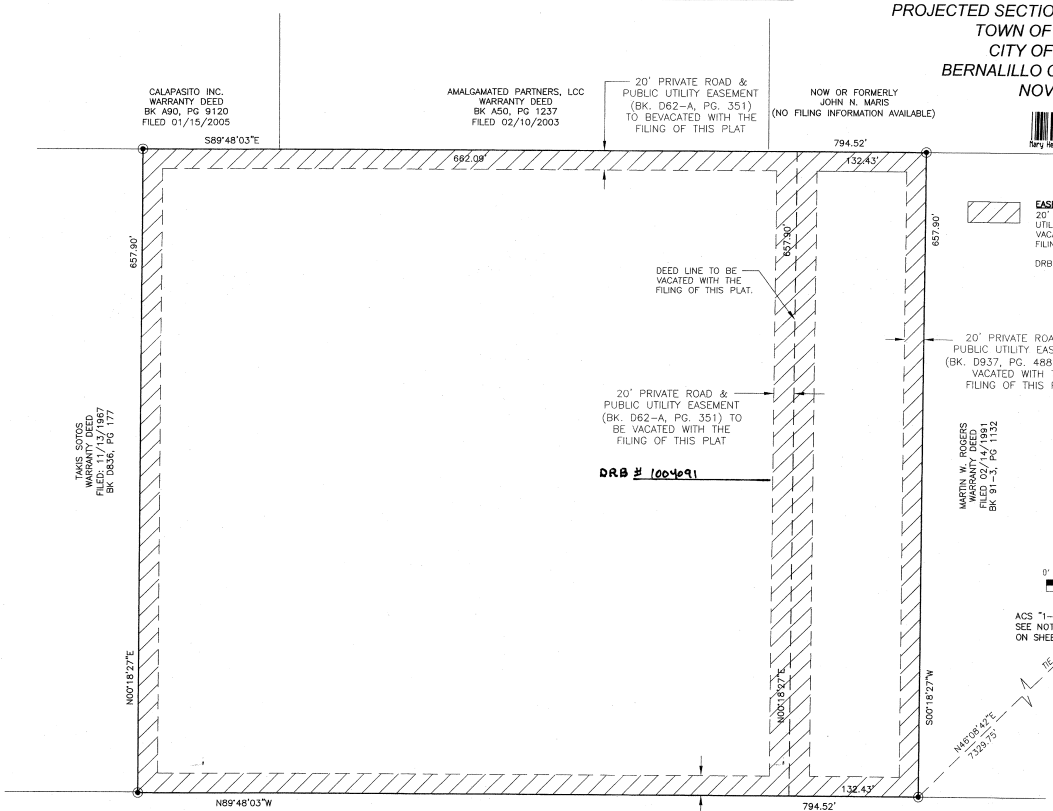
Mary Herrera Bern. Co. PLAT R 27.00 Bk-2006C Pg-396



EASEMENT NOTES:
20' PRIVATE ROAD & PUBLIC UTILITY EASEMENT TO BE VACATED WITH THE FILING OF THIS PLAT.

DRB APPLICATION NO. 06DRB-01560

TERRA

GRAPHIC SCALE
0' 60' 120' 180'
(IN FEET)
1 inch = 60 ft.

CHRISTOPHER A. MEDINA NEW MEXICO 15702 REGISTERED PROFESSIONAL SURVEYOR 11/30/06

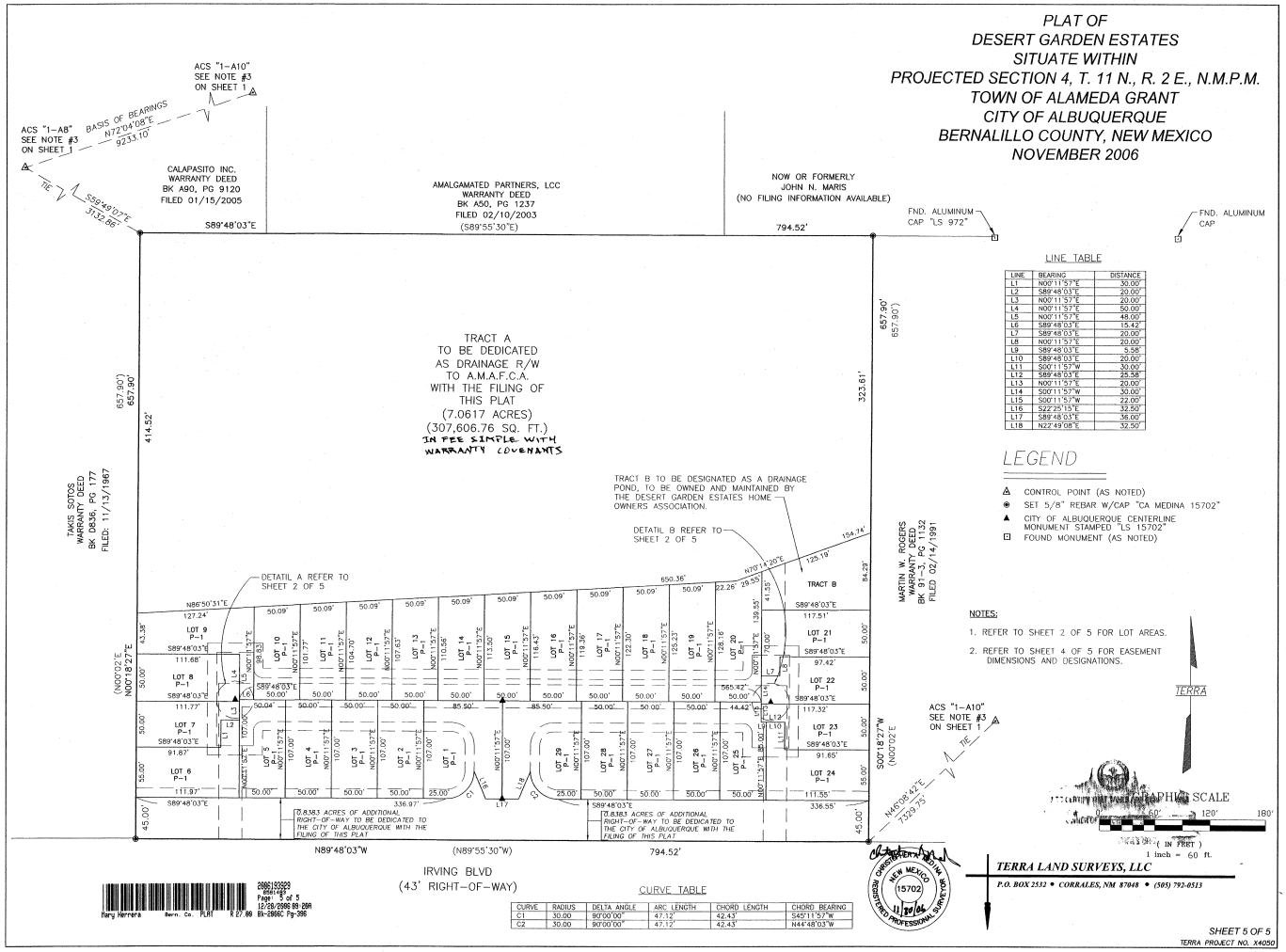
TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 3 OF 1
TERRA PROJECT NO. X48

SCANNED BY PLANNING

SCANNED BY PLANNING

PLAT OF
DESERT GARDEN ESTATES
SITUATE WITHIN
PROJECTED SECTION 4, T. 11 N., R. 2 E., N.M.P.M.
TOWN OF ALAMEDA GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2006



LINE TABLE

LINE	BEARING	DISTANCE
L1	N00°11'57"E	30.00'
L2	S89°48'03"E	20.00'
L3	N00°11'57"E	20.00'
L4	N00°11'57"E	50.00'
L5	N00°11'57"E	48.00'
L6	S89°48'03"E	15.42'
L7	S89°48'03"E	20.00'
L8	N00°11'57"E	20.00'
L9	S89°48'03"E	5.58'
L10	S89°48'03"E	20.00'
L11	S00°11'57"W	30.00'
L12	S89°48'03"E	25.58'
L13	N00°11'57"E	20.00'
L14	S00°11'57"W	30.00'
L15	S00°11'57"W	22.00'
L16	S22°25'15"E	32.50'
L17	S89°48'03"E	36.00'
L18	N22°49'08"E	32.50'

LEGEND

- △ CONTROL POINT (AS NOTED)
- ◉ SET 5/8" REBAR W/CAP "CA MEDINA 15702"
- ▲ CITY OF ALBUQUERQUE CENTERLINE MONUMENT STAMPED "LS 15702"
- ⊡ FOUND MONUMENT (AS NOTED)

NOTES:

1. REFER TO SHEET 2 OF 5 FOR LOT AREAS.
2. REFER TO SHEET 4 OF 5 FOR EASEMENT DIMENSIONS AND DESIGNATIONS.

TERRA

GRAPHIC SCALE

0 60 120 180

(IN FEET)
1 inch = 60 ft.

CURVE TABLE

CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	30.00	90°00'00"	47.12'	42.43'	S45°11'57"W
C2	30.00	90°00'00"	47.12'	42.43'	N44°48'03"W

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Page: 5 of 5
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Bk-2006C Pg-398
Mary Herrera Bern. Co. FLRT R 27.00

CHRISTOPHER A. MEDINA
NEW MEXICO
15702
11/20/06
REGISTERED PROFESSIONAL SURVEYOR

TERRA LAND SURVEYS, LLC
P.O. BOX 2532 • CORRALES, NM 87048 • (505) 792-0513

SHEET 5 OF 5
TERRA PROJECT NO. X4050

SCANNED BY PLANNING

FOR REVIEW

Record Drawing

EROSION CONTROL NOTES:

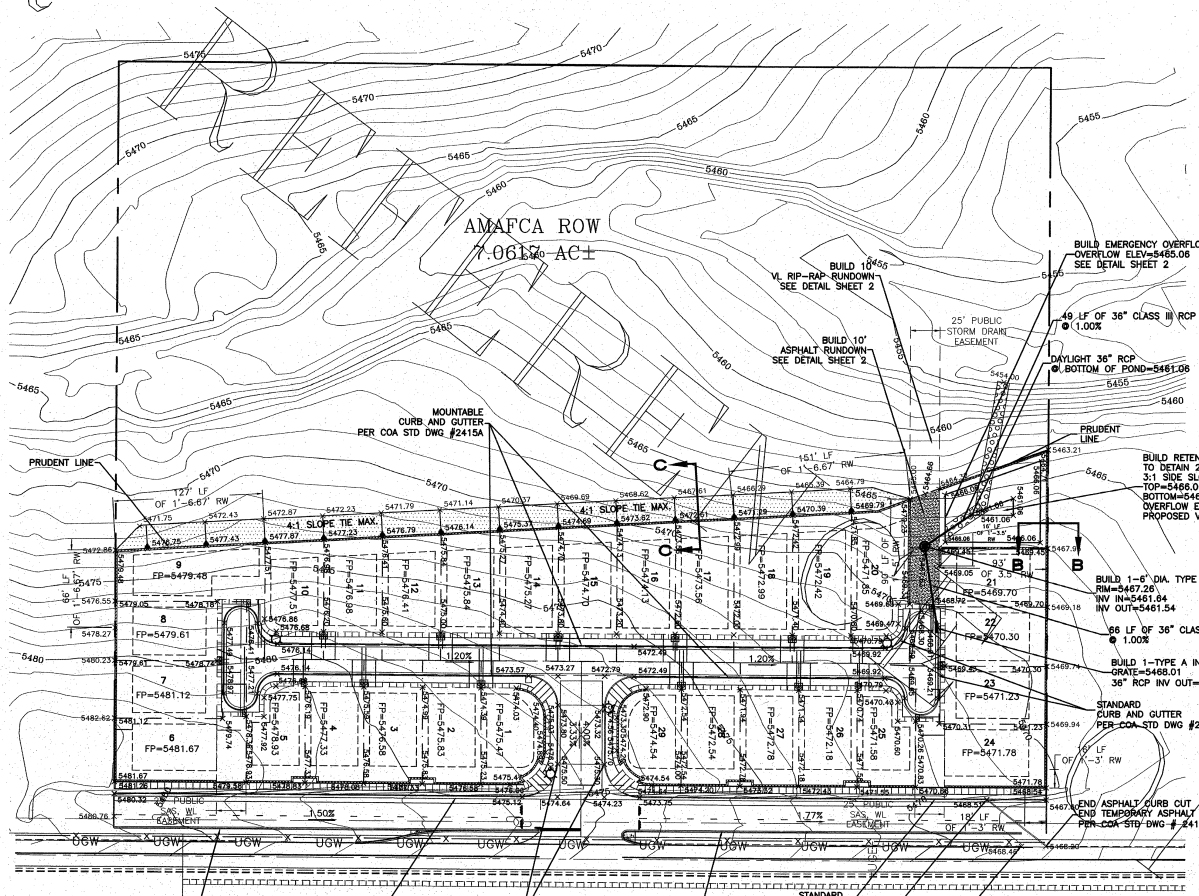
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

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.

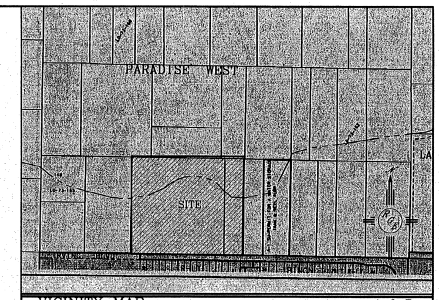


CAUTION:

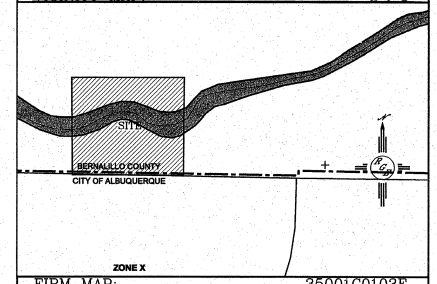
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

50 25 0 25 50

SCALE: 1"=50'



VICINITY MAP: A-9-Z



FIRM MAP: 35001C0103E

LEGAL DESCRIPTION:

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NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

2. ALL CURB AND GUTTER TO BE MOUNTABLE AND STANDARD PER COA STD DWG #2415A-AS NOTED.

3. ALL PADS SHALL BE BUILT PER FOOTPRINT SHOWN.

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- PROPOSED PERIMETER WALL
- PROPOSED RETAINING WALL
- 4956 EXISTING CONTOUR
- 4955 EXISTING INDEX CONTOUR
- 4956 PROPOSED CONTOUR
- 4955 PROPOSED INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- × 5048.25 PROPOSED SPOT ELEVATION
- × 5048.25 EXISTING SPOT ELEVATION
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- SETBACK LINE

ROUGH GRADING APPROVAL DATE

ENGINEER'S SEAL

DAVID SOULE P.E. #14522

DESERT GARDEN ESTATES

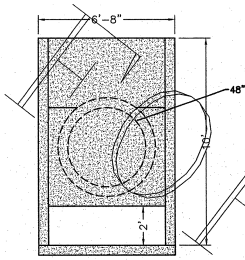
GRADING AND DRAINAGE PLAN

Rio Grande Engineering
2150 GOLF COURSE RD SE
SUITE B
RIO RANCHO, NM 87124
(505) 872-0999

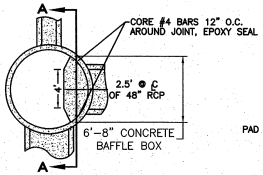
DRAWN BY	WCWJ
DATE	9-13-06
	2458-GRB-8-22-06X
SHEET #	4 OF 14
JOB #	2458

SCANNED BY PLANNING

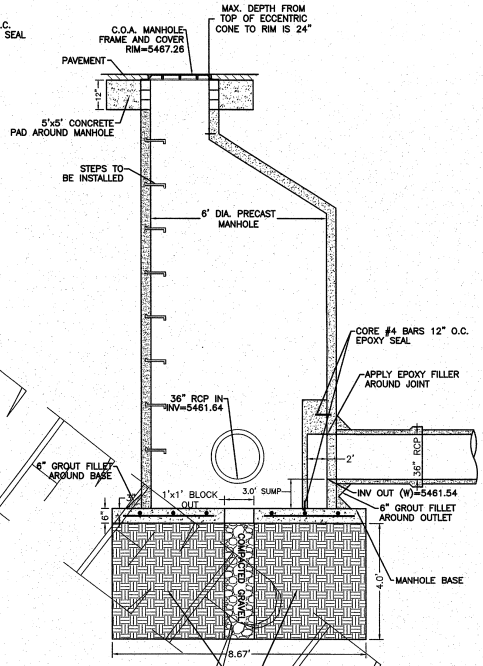
Record Drawing



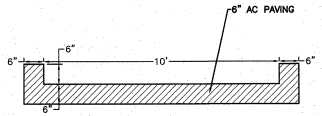
SECTION A-A
NTS



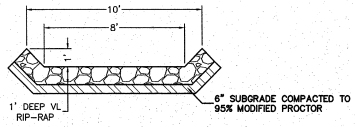
WATER QUALITY MANHOLE TOP BAFFLE VIEW
NTS



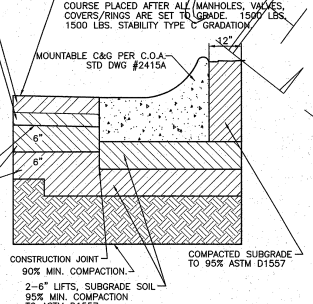
WATER QUALITY MANHOLE
NTS



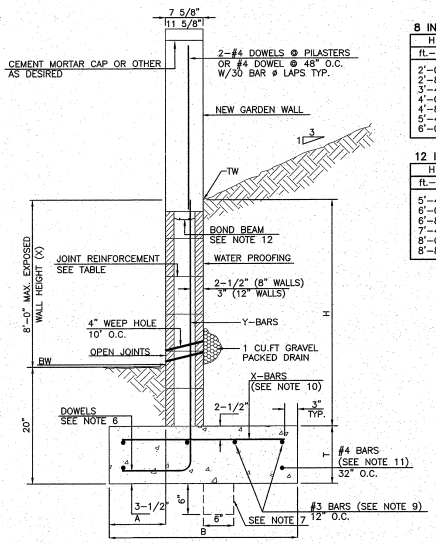
ASPHALT RUNDOWN DETAIL
NTS



VL RIP-RAP RUNDOWN DETAIL
NTS



RESIDENTIAL PAVING SECTION (MOUNTABLE CURB)
NTS



RETAINING WALL DETAIL
NTS

8 INCH REINFORCED CONCRETE MASONRY WALL

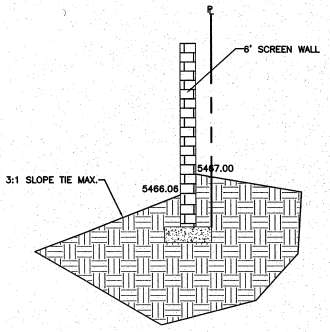
H	X	A	B	T	Y-BARS	X-BARS
ft.-in.	ft.-in.	in.	ft.-in.	in.		
2'-0"	1'-1"	8"	2'-4"	9"	#3 @32" O.C.	
2'-8"	1'-9"	8"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
3'-4"	2'-5"	8"	2'-4"	9"	#3 @32" O.C.	#3 @27" O.C.
4'-0"	3'-1"	10"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
4'-8"	3'-10"	12"	3'-4"	10"	#5 @32" O.C.	#3 @27" O.C.
5'-4"	4'-6"	14"	3'-8"	10"	#4 @16" O.C.	#4 @30" O.C.
6'-0"	5'-3"	16"	4'-2"	12"	#6 @24" O.C.	#4 @25" O.C.

12 INCH REINFORCED CONCRETE MASONRY WALL

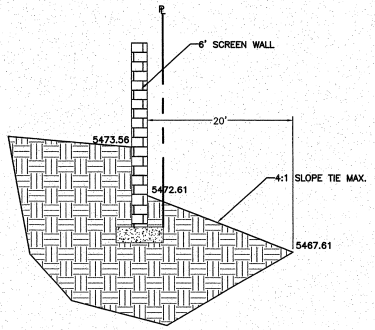
H	X	A	B	T	Y-BARS	X-BARS
ft.-in.	ft.-in.	in.	ft.-in.	in.		
5'-4"	4'-8"	14"	3'-8"	10"	#4 @24" O.C.	#3 @25" O.C.
6'-0"	5'-4"	15"	4'-2"	12"	#4 @16" O.C.	#4 @30" O.C.
6'-8"	6'-0"	16"	4'-6"	12"	#6 @24" O.C.	#4 @22" O.C.
7'-4"	6'-8"	18"	4'-10"	12"	#5 @16" O.C.	#5 @26" O.C.
8'-0"	7'-4"	20"	5'-4"	12"	#7 @24" O.C.	#5 @21" O.C.
8'-8"	8'-0"	20"	5'-8"	12"	#7 @16" O.C.	#5 @21" O.C.

GENERAL NOTES:

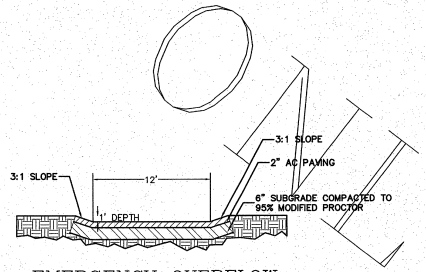
1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO Y-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"
8. USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
9. #3 BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
10. X BARS TO BE USED ON WALLS EXCEEDING 2'-8" HEIGHT
11. #4 BARS TO BE USED ON WALLS SMALLER THAN 3'-4"
12. BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".
13. TW - DESIGNATES FINISHED GRADE @ TOP OF RETAINING WALL
    BW - DESIGNATES FINISHED GRADE @ BOTTOM OF WALL
    BOOTOM OF FOOTING IS 20" BELOW THE DESIGNATED BW ELEVATION.



SECTION B-B
NTS



SECTION C-C
NTS



EMERGENCY OVERFLOW
NTS

ENGINEER'S SEAL

DAVID SOULE
NEW MEXICO
14522
REGISTERED PROFESSIONAL ENGINEER
11/19/06

DAVID SOULE
P.E. #14522

DESERT GARDEN ESTATES

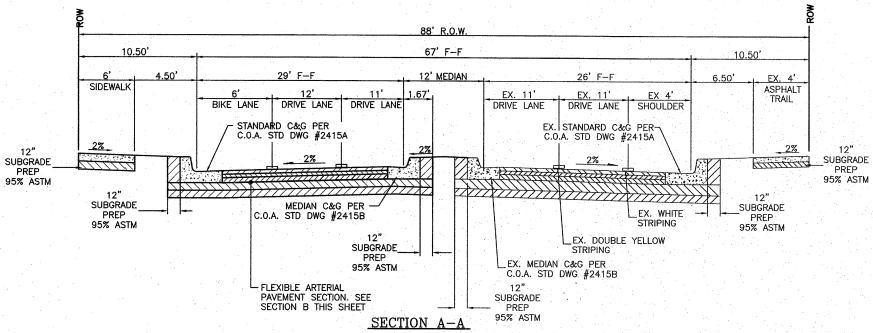
GRADING AND DRAINAGE PLAN

Rio Grande Engineering
2150 GOLF COURSE RD SE
SUITE B
RIO RANCHO, NM 87124
(505) 872-0999

DRAWN BY	WCWJ
DATE	9-13-06
	2458-GRB-8-22-06X
SHEET #	5 OF 14
JOB #	2458

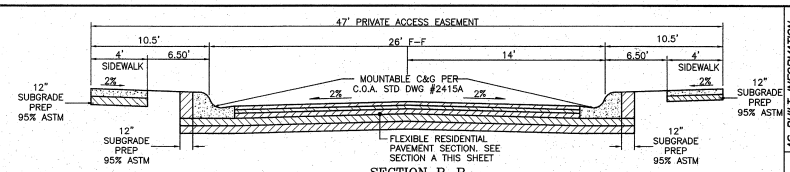
PRELIMINARY NOT FOR CONSTRUCTION

SCANNED BY PLANNING



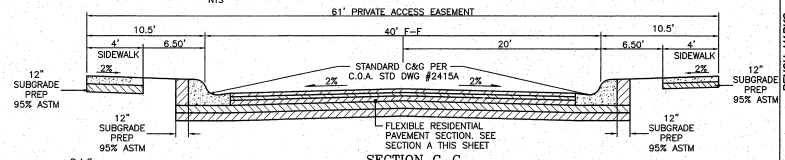
SECTION A-A

TYPICAL 67' STREET SECTION
N.T.S.



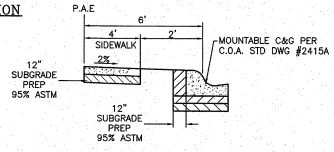
SECTION B-B

TYPICAL 26' STREET SECTION W/ MOUNTABLE C AND G
NTS



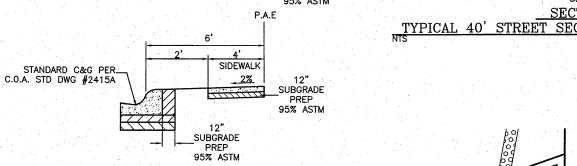
SECTION C-C

TYPICAL 40' STREET SECTION W/ STANDARD C AND G
NTS



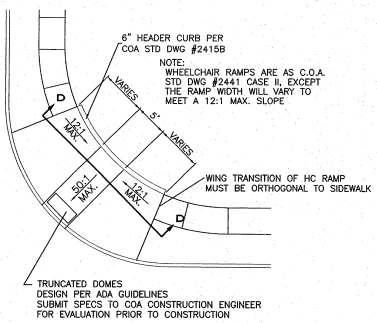
SECTION E-E

TYPICAL HAMMERHEAD STREET SECTION
N.T.S.

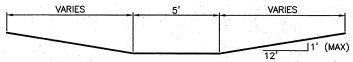


SECTION F-F

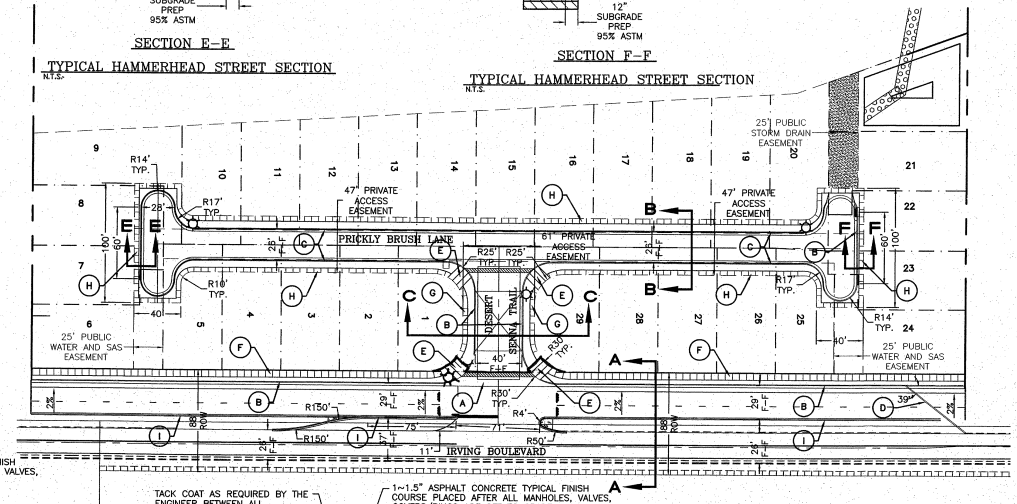
TYPICAL HAMMERHEAD STREET SECTION
N.T.S.



WHEELCHAIR RAMP DETAIL (TYP.)
NTS



SECTION D-D
NTS



LEGEND

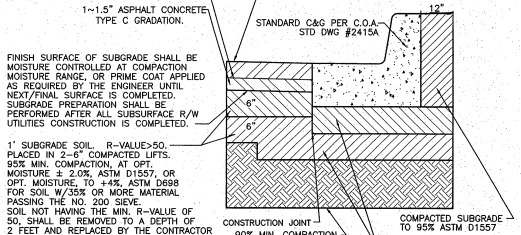
- PROPOSED SNGL. "A" INLET
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- FUTURE CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- PROPOSED SIDEWALK
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- STREET LIGHTS
- CONTRACTOR SHALL PROVIDE 3' @ 2% CROSS SLOPE MAX.

KEYED NOTE:

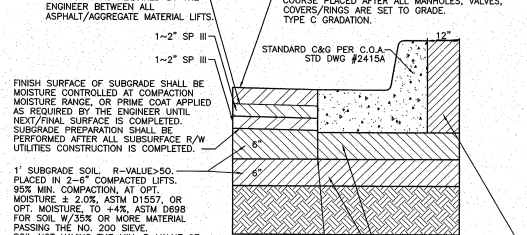
- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) STANDARD C&G PER COA STD DWG #2415A
- (C) MOUNTABLE C&G PER COA STD DWG #2415A
- (D) ASPHALT CURB COA STD DWG #2415B
- (E) HANDICAP RAMP SEE DETAIL THIS SHEET
- (F) 6' SIDEWALK TO BE BUILT W/THIS PROJECT PER COA STD DWG #2430
- (G) 4' SIDEWALK TO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

GENERAL NOTES:

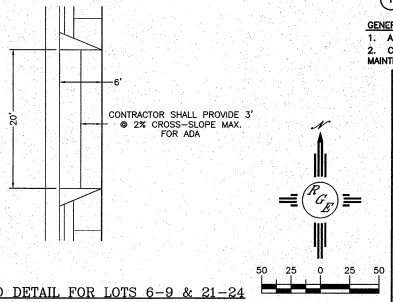
1. ALL WALL FOUNDATIONS/TOE MUST BE OUTSIDE COA ROW.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL ROADWAY SIGNS UNTIL FINAL ACCEPTANCE.



SECTION A-RESIDENTIAL PAVING SECTION (STANDARD CURB)
NTS



SECTION B-MINOR ARTERIAL PAVING SECTION (STANDARD CURB)
NTS-PER COA PROJECT #7063.81



DRIVEPAD DETAIL FOR LOTS 6-9 & 21-24
N.T.S.

AS BUILT INFORMATION
CONTRACTOR
WORK NOT INSPECTED DATE
INSPECTOR
CORRECT AS BUILT DATE
FIELD VERIFICATION DATE
CROSSCHECKED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE TITLE SHEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCMJ DATE: 9-16-06
DRAWN BY: WCMJ DATE: 9-16-06
DRAWN NAME: 2458-DRC-8-22-06.DWG JOB NO.: 2458
CHECKED BY: DS DATE: 9-16-06

Rio Grande Engineering
1605 CENTRAL AVENUE SE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0555

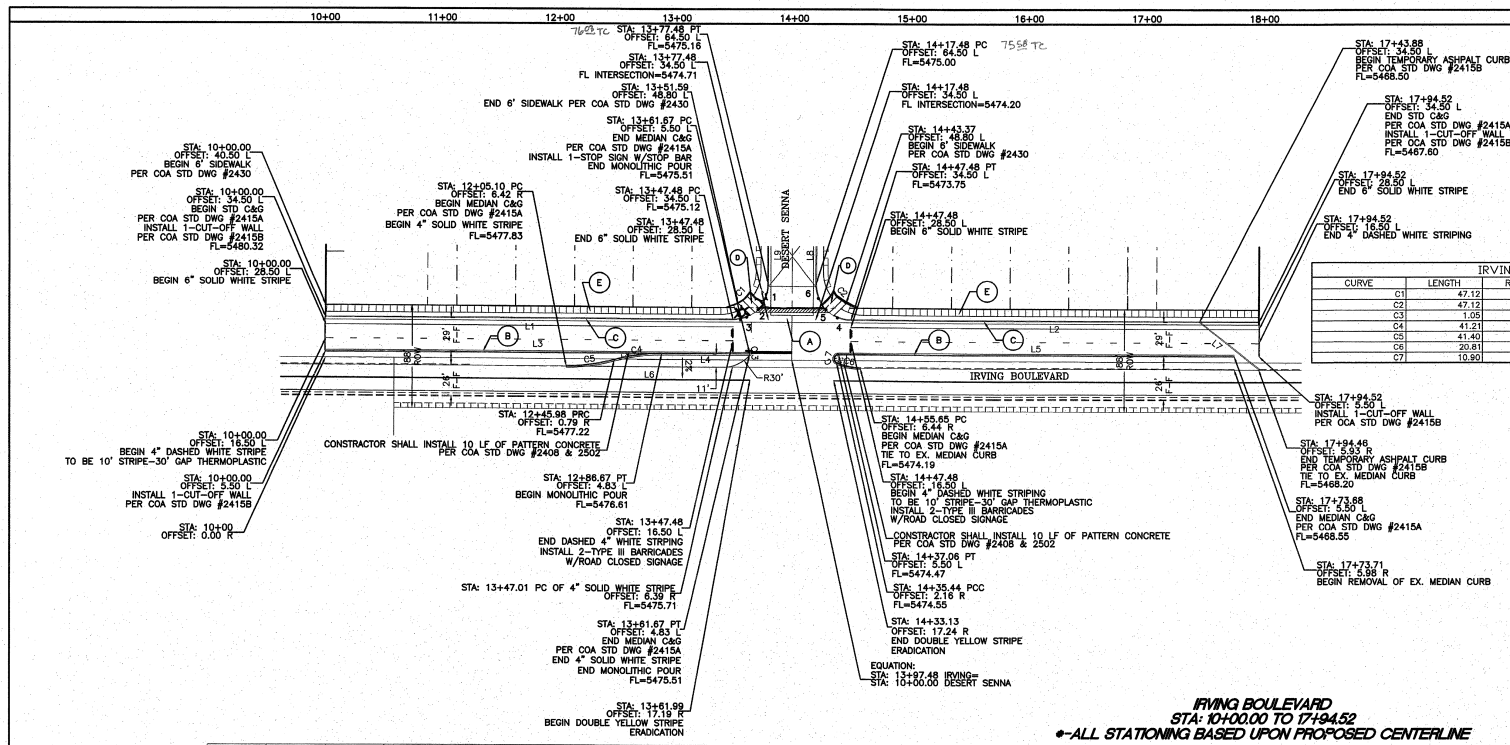
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDEN ESTATES**
MASTER PAVING PLAN

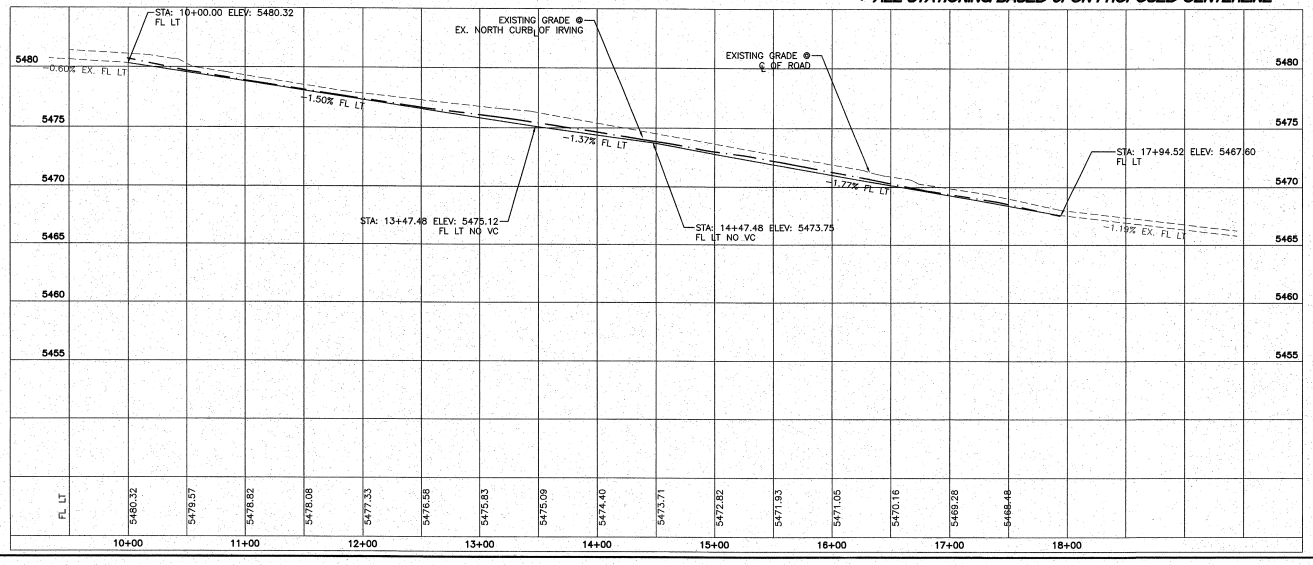
DESIGN REVIEW COMMITTEE: APPROVED NOV 29 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED DEC - 5 2006 CITY ENGINEER
MOST RECENT DESIGN UPDATE
MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO. 793781
ZONE MAP NO. A-9-Z
SHEET 6 OF 14

SCANNED BY PLANNING



IRVING BOULEVARD
STA: 10+00.00 TO 17+94.52
℄-ALL STATIONING BASED UPON PROPOSED CENTERLINE



IRVING PAVING CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C1	47.12	30.00	89°99'99"	N45°11'57"E	42.43
C2	47.12	30.00	90°00'00"	S44°48'03"E	42.43
C3	1.05	0.34	180°00'00"	N00°11'57"E	0.67
C4	41.21	150.00	15°44'25"	S82°19'44"W	41.08
C5	41.40	150.00	15°48'52"	N82°21'58"E	41.27
C6	20.81	50.00	23°50'51"	S77°49'50"E	20.66
C7	10.90	4.00	156°06'22"	S12°08'46"W	7.83

IRVING PAVING LINE TABLE

LINE	LENGTH	BEARING
L1	347.49	S89°48'03"E
L2	347.64	S89°48'03"E
L3	361.67	S89°48'03"E
L4	75.00	S89°48'03"E
L5	336.62	S89°48'03"E
L6	141.47	S89°48'40"E
L7	64.75	S31°09'49"E

QUARTER POINTS

C1	FL	ELEV.	C2	FL	ELEV.
	1	5475.00		4	5474.13
	2	5475.00		5	5474.52
	3	5475.00		6	5474.91

KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) MEDIAN C&G PER COA STD DWG #2415B
- (C) STANDARD C&G PER COA STD DWG #2415A
- (D) HANDICAP RAMP SEE DETAIL MASTER PAVING SHEET
- (E) 6' 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.
4. ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
5. ALL MEDIAN NOSES SHALL BE POURED MONOLITHIC.
6. EXSTING DOUBLE YELLOW STRIPING IN IRVING SHALL REMAIN, AND BE REFRESHED AS NEEDED (W/THERMOPLASTIC)
7. STRIPING ERADICATION SHALL BE DONE WITH WATER BLASTING OR SURFACE PLANNING OF THE ROADWAY TO A MAXIMUM DEPTH OF 3/8" AND FOR WIDTH TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKINGS TO BE REMOVED.

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

Rio Grande Engineering
2108 GOLF COURSE ROAD SE
RIO RANCHO, NM 87124
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
PAVING IMPROVEMENTS
IRVING BOULEVARD

DESIGN REVIEW COMMITTEE: APPROVED NOV 29 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED DEC -5 2006 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
793781	A-9-Z	7	14

AS BUILT INFORMATION: CONTRACTOR, STAKED BY, INSPECTOR, ACCEPTANCE, FIELD VERIFICATION, DRAWINGS CORRECTED, MICRO-FILM INFORMATION, RECORDED BY, DATE, NO.

BENCH MARKS: SEE TITLE SHEET

SURVEY INFORMATION: FIELD NOTES, NO., BY, DATE

ENGINEER'S SEAL: DAVID SOLIS, NEW MEXICO, 14827, REGISTERED PROFESSIONAL ENGINEER, LICENSED MECHANICAL

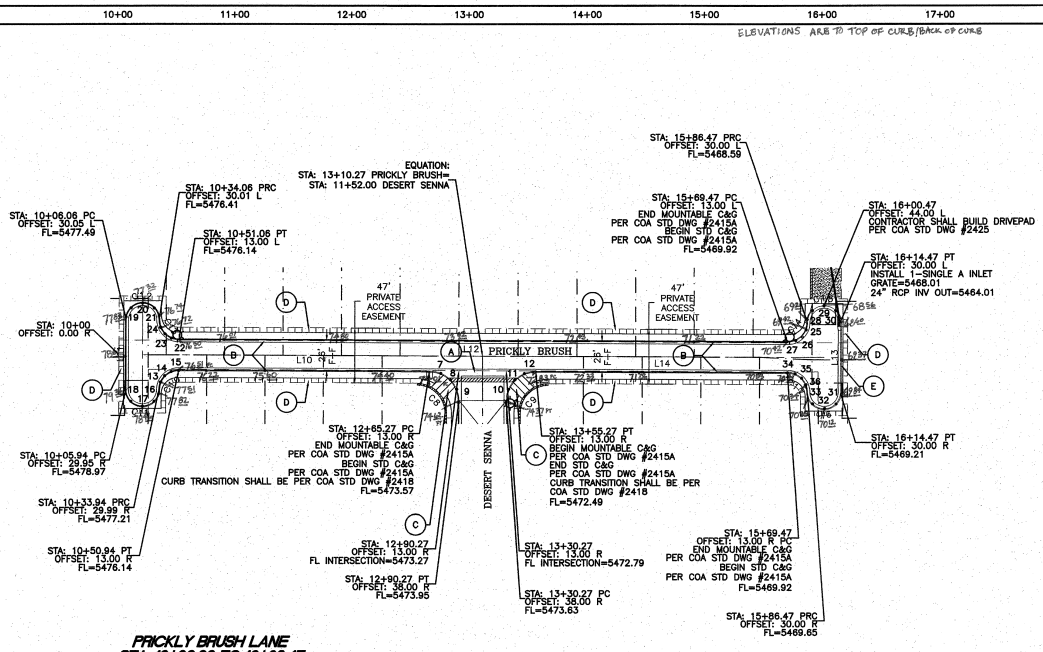
NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN: DESIGNED BY: WCWJ DATE: 9-19-06; DRAWN BY: WCWJ DATE: 9-19-06; DRAWN NAME: 2458-DRC-8-22-06X.DWG JOB NO.: 2458; CHECKED BY: DS DATE: 9-19-06

SCANNED BY PLANNING

Record Drawing

ELEVATIONS ARE TO TOP OF CURB/BACK OF CURB



PRICKLY BRUSH PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C8	39.27	25.00	90°00'00"	N44°48'03"W	35.36
C9	39.27	25.00	90°00'00"	S45°11'57"W	35.36
C10	26.69	17.00	89°57'04"	S45°13'25"W	24.03
C11	44.00	14.00	180°03'34"	S89°43'20"E	28.00
C12	43.97	14.00	179°56'26"	N89°43'20"W	28.00
C13	26.72	17.00	90°02'56"	S44°46'36"E	24.05
C14	26.70	17.00	90°00'00"	N45°11'57"E	24.04
C15	43.98	14.00	180°00'00"	N89°48'03"W	28.00
C16	43.98	14.00	180°00'00"	S89°48'03"E	28.00
C17	27.36	17.00	91°58'05"	N43°45'21"W	24.51

PRICKLY BRUSH PAVING LINE TABLE		
LINE	LENGTH	BEARING
L10	214.33	N89°48'03"W
L11	60.00	N00°19'27"E
L12	518.42	S89°48'03"E
L13	60.00	S00°11'57"W
L14	214.20	N89°48'03"W

QUARTER POINTS

C8 FL	ELEV.
7	5473.44
8	5473.61
9	5473.78

C9 FL	ELEV.
10	5473.35
11	5473.06
12	5472.77

C10 FL	ELEV.
13	5476.94
14	5476.67
15	5476.40

C11 FL	ELEV.
16	5477.65
17	5478.09
18	5478.53

C12 FL	ELEV.
19	5477.22
20	5476.95
21	5476.68

C13 FL	ELEV.
22	5474.79
23	5475.06
24	5475.33

C14 FL	ELEV.
25	5468.93
26	5469.26
27	5469.59

C15 FL	ELEV.
28	5468.45
29	5468.30
30	5468.15

C16 FL	ELEV.
31	5469.32
32	5469.43
33	5469.54

C17 FL	ELEV.
34	5469.85
35	5469.78
36	5469.71

KEYED NOTE:

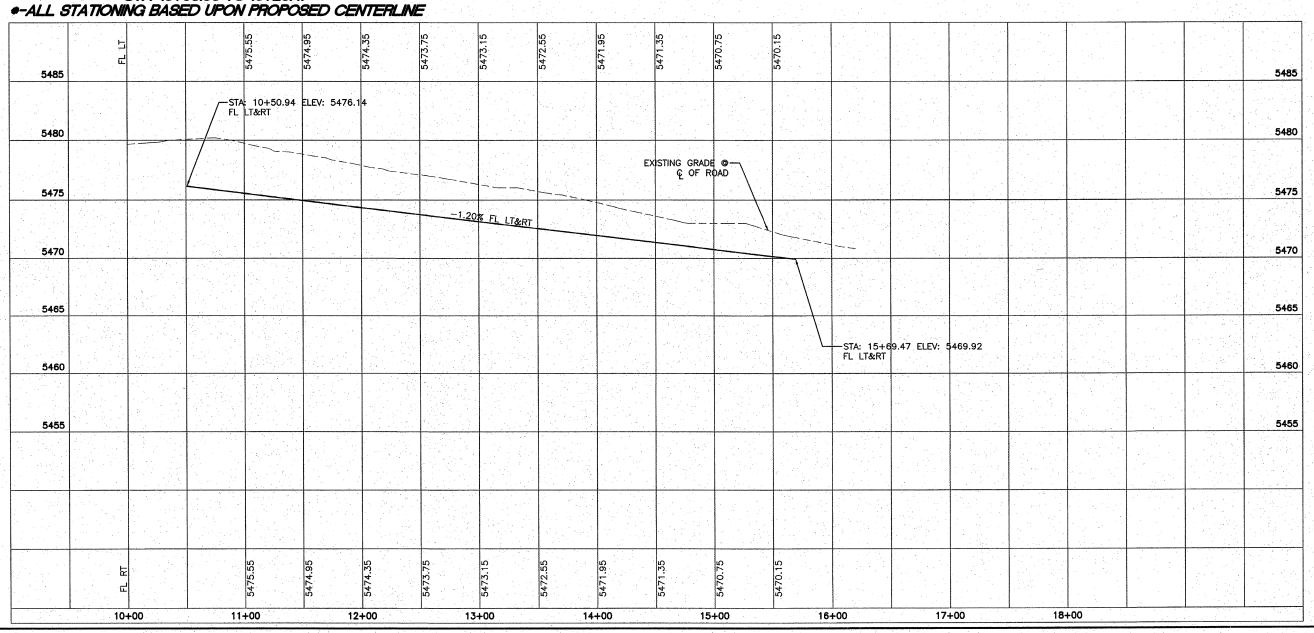
- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) MOUNTABLE C&G PER COA STD DWG #2415A
- (C) HANDICAP RAMP SEE MASTER PAVING SHEET
- (D) 4' SIDEWALK TO BE DEFFERED
- (E) STANDARD C&G PER COA STD DWG #2415A

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.

PRICKLY BRUSH LANE
STA: 10+00.00 TO 16+20.47
●-ALL STATIONING BASED UPON PROPOSED CENTERLINE



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

Rio Grande Engineering
2105 GOLF COURSE ROAD SE
SUITE B
RIO RANCHO, NM 87124
(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
PAVING IMPROVEMENTS
PRICKLY BRUSH LANE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED NOV 29 2006 DESIGN REVIEW COMMITTEE	APPROVED DEC 15 2006 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
793781	A-9-Z	8	14

AS BUILT INFORMATION
CONTRACTOR | WORK STARTED DATE: 2007 | WORK COMPLETED DATE: 2007 | INSPECTOR'S ACCEPTANCE BY: RGE DATE: 12-4-07 | FIELD DRAWINGS BY: 8/7/07 DATE: 8-7-07 | CONSULTA. ELEV. INFORMATION | RECORD FILM INFORMATION | RECORDED BY | DATE | NO.

BENCH MARKS
SEE TITLE SHEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

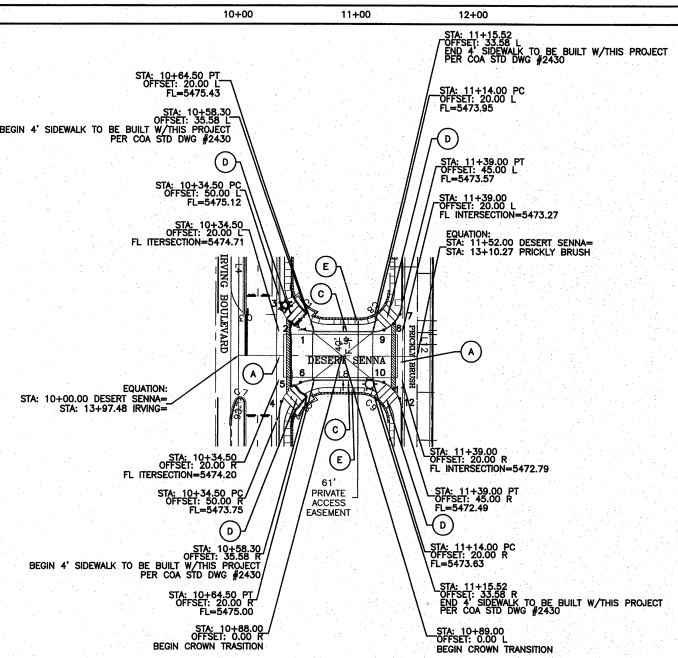
ENGINEER'S SEAL
NEW MEXICO LICENSED PROFESSIONAL ENGINEER 14522 DAVID SQUILE

NO.	DATE	REMARKS/REVISIONS	BY

DESIGN
DESIGNED BY: WCWJ DATE: 9-19-06
DRAWN BY: WCWJ DATE: 9-19-06
DRAWN NAME: 2458-DRC-8-22-06X.DWG JOB NO.: 2458
CHECKED BY: DS DATE: 9-19-06

Record Drawing

SCANNED BY PLANNING



DESERT SENNA PAVING CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD
C1	47.12	30.00	89°59'59"	N45°11'57"E	42.43
C2	47.12	30.00	90°00'00"	S44°48'03"E	42.43
C8	39.27	25.00	90°00'00"	N44°48'03"W	35.36
C9	39.27	25.00	90°00'00"	S45°11'57"W	35.36

DESERT SENNA PAVING LINE TABLE		
LINE	LENGTH	BEARING
L8	49.56	N90°11'57"E
L9	49.56	N90°11'57"E

QUARTER POINTS

C1	FL	ELEV.
	1	5475.00
	2	5475.00
	3	5475.00

C2	FL	ELEV.
	4	5474.13
	5	5474.52
	6	5474.91

C8	FL	ELEV.
	7	5473.44
	8	5473.61
	9	5473.78

C9	FL	ELEV.
	10	5473.35
	11	5473.06
	12	5472.77

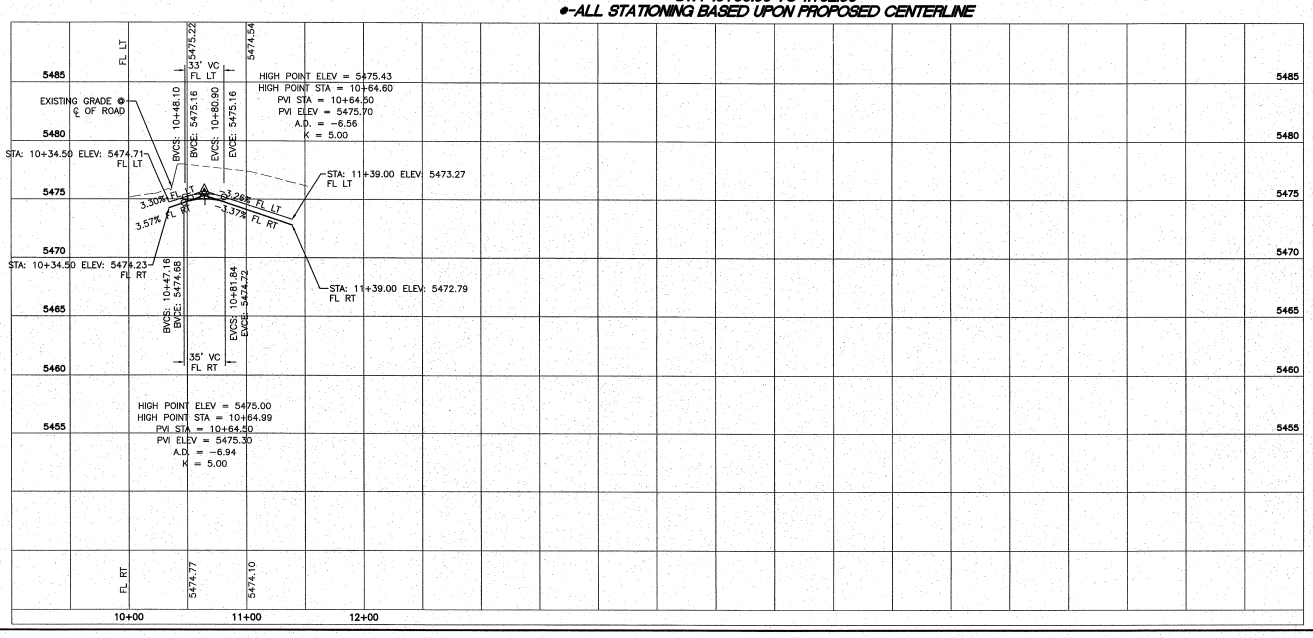
KEYED NOTE:

- (A) 6' VALLEY GUTTER PER C.O.A. STD DWG #2420
- (B) MEDIAN C&G PER COA STD DWG #2415A
- (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.

DESERT SENNA TRAIL
STA: 10+00.00 TO 11+52.00
*-ALL STATIONING BASED UPON PROPOSED CENTERLINE



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

Rio Grande Engineering
2105 GOLF COURSE ROAD SE
SUITE B
RIO RANCHO, NM 87124
(505) 892-0899

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
PAVING IMPROVEMENTS
DESERT SENNA TRAIL

DESIGN REVIEW COMMITTEE: APPROVED NOV 29 2006 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED DEC - 5 2006 CITY ENGINEER

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

CITY PROJECT NO. 793781 | ZONE MAP NO. A-9-Z | SHEET 9 OF 14

AS BUILT INFORMATION
CONTRACTOR: WORKING CONCRETE DATE: 2007
STAKED BY: DATE:
INSPECTOR: DATE:
ACCEPTANCE BY: DATE: 2007
VERIFICATION BY: DATE: 2007
VERIFICATION BY: DATE: 2007
CORRECTED BY: DATE: 2007
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
SEE TITLE SHEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

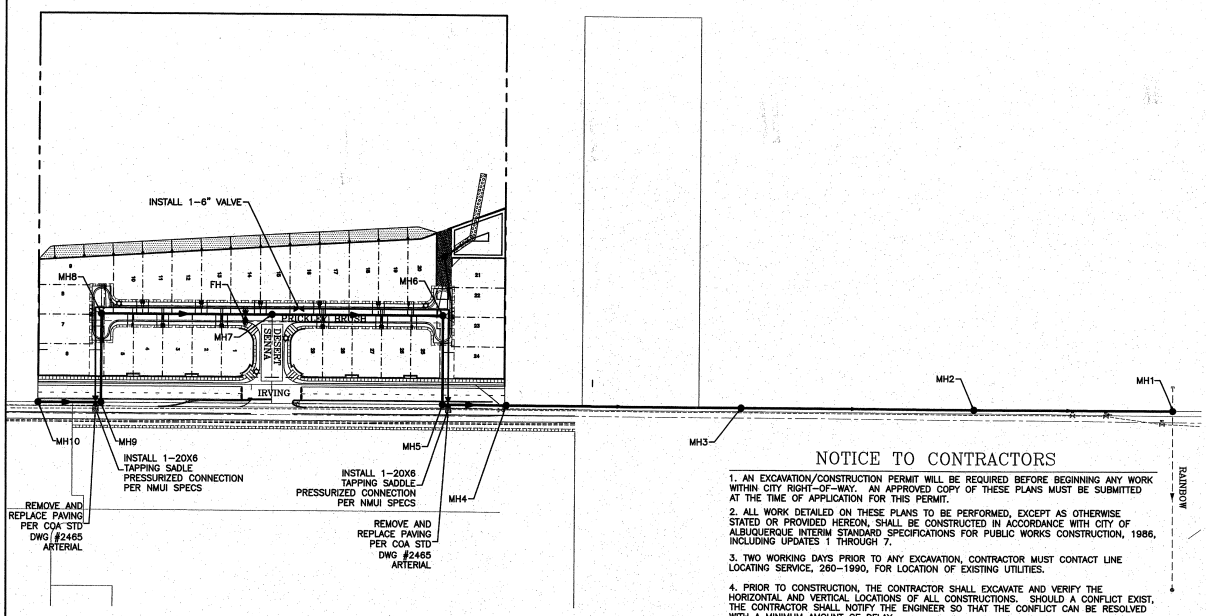
ENGINEER'S SEAL
NEW MEXICO DAVID SQUIRE 14023 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

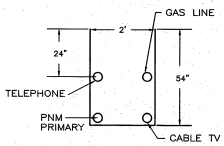
NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 9-19-06
DRAWN BY: WCWJ DATE: 9-19-06
DRAWN NAME: 2458-DRC-8-22-06X.DWG JOB NO.: 2458
CHECKED BY: DS DATE: 9-19-06

Record Drawing

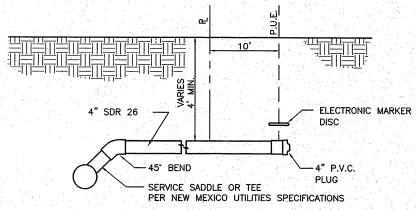
SCANNED BY PLANNING





UTILITY TRENCH DETAIL

NTS



TYP. SANITARY SYSTEM SERVICE CONNECTION

NTS

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.

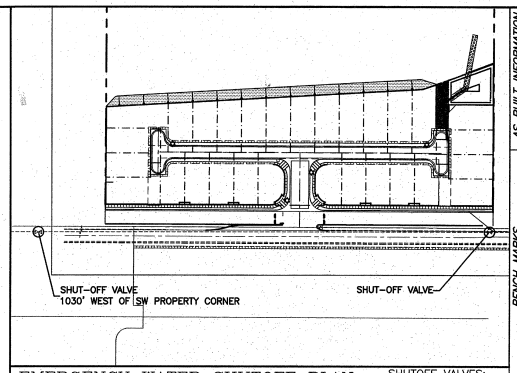
17. NEW MEXICO UTILITIES WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES, REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

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.

20. ALL UTILITY WORK SHALL BE PER NEW MEXICO UTILITY SPECIFICATIONS.

21. ALL WATER METER LIDS SHALL BE HEAVY DUTY, WHERE ADJACENT TO MOUNTABLE CURB.



EMERGENCY WATER SHUTOFF PLAN:

SHUTOFF VALVES: CIRCLED VALVES

NOTES:
1. WATER SHUT-OFF SHALL BE COORDINATED WITH NEW MEXICO UTILITIES, INC.
2. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
3. NOTIFY NEW MEXICO UTILITIES (898-2661) THREE(3) WORKING DAYS IN ADVANCE OF EXECUTION OF THE WATER SHUT-OFF PLAN
4. ALL WATERLINE CONNECTIONS, CAP, JOINTS TO BE BLOCKED PER DETAILS THIS SHEET OR RESTRAINED PER NMUI STANDARDS.
5. ALL WATERLINES TO BE PVC, UNLESS OTHERWISE NOTED.
6. SHUT-OFF VALVES INDICATED IN THE ABOVE PLAN IN THE EVENT OF EMERGENCY

NEW MEXICO UTILITIES DATE

LEGEND

- 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
- PROPOSED SAS SERVICE 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
- PROPOSED WATER SERVICE LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- STREET LIGHTS

N

GRAPHIC SCALE

100 50 0 50 100

SCALE: 1"=100'

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY NO. DATE
STAKING REVIEWED BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE TITLE SHEET

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO 14831 PROFESSIONAL ENGINEER LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: WCWJ DATE: 9-25-06
DRAWN BY: WCWJ DATE: 9-25-06
DRAWN NAME: 2458-DRC-8-22-06X.DWG JOB NO.: 2458
CHECKED BY: DS DATE: 9-25-06

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
DESERT GARDENS
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE: NOV 29 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED DEC -6 2006 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 793781 | ZONE MAP NO. A-9-Z | SHEET 10 OF 14

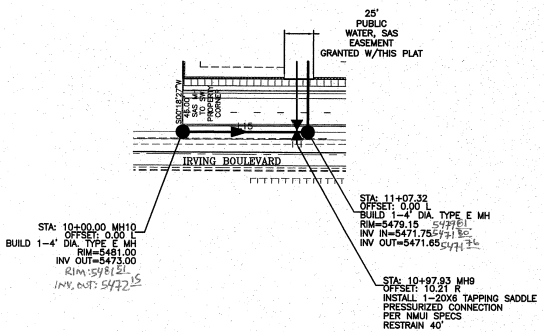
Record Drawing

SCANNED BY PLANNING

THE ACTUAL SURVEY WHICH IT WAS DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702 — DATE 3/22/07

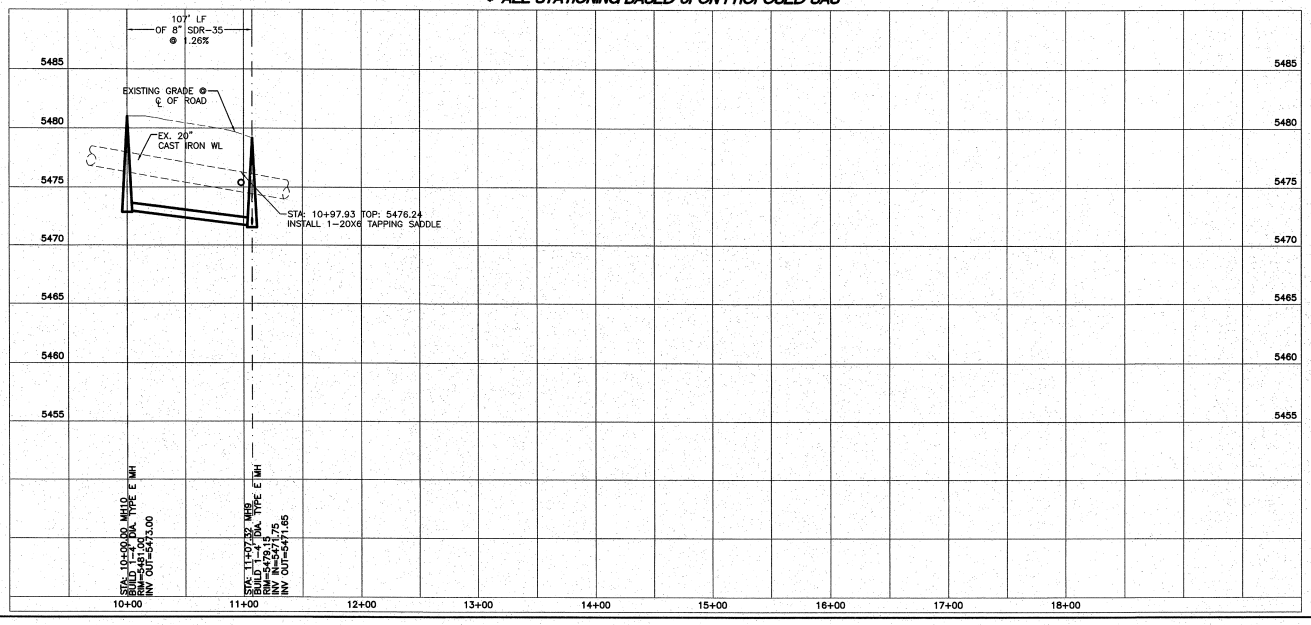
IRVING UT LINE TABLE		
LINE	LENGTH	BEARING
L15	107.32'	S89°49'03"E



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 AND CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER NMUI SPECS.
5. ALL WATER SERVICES SHALL BE PER NMUI SPECS.

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.

IRVING BOULEVARD
STA: 10+00.00 TO 11+07.32
℄-ALL STATIONING BASED UPON PROPOSED SAS



NEW MEXICO UTILITIES — DATE

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

Rio Grande Engineering
2105 GOLF COURSE ROAD SE
SUITE B
RIO RANCHO, 87124
(505) 912-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
UTILITY IMPROVEMENTS
IRVING BOULEVARD

DESIGN REVIEW COMMITTEE: NOV 29 2006
CITY ENGINEER APPROVAL: APPROVED DEC - 5 2006 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN — DESIGNED BY: WCWJ — DATE: 9-19-06
DRAWN BY: WCWJ — DATE: 9-19-06
DRAWN NAME: 2458-DRC-8-22-06X.DWG — JOB NO.: 2458
CHECKED BY: DS — DATE: 9-19-06

AS BUILT INFORMATION: CONTRACTOR — DATE; WORK STAKED BY — DATE; STAKED BY — DATE; ACCEPTANCE BY — DATE; VERIFICATION BY — DATE; CORRECTIONS BY — DATE; CORRECTED BY — DATE; MICRO-FILM INFORMATION: RECORDED BY — DATE; NO.

BENCH MARKS: SEE TITLE SHEET

SURVEY INFORMATION: FIELD NOTES — NO. — BY — DATE

ENGINEER'S SEAL: NEW MEXICO LICENSED PROFESSIONAL ENGINEER 14652 WILLIAM D. SCALE

CITY PROJECT NO. 793781 — ZONE MAP NO. A-9-Z — SHEET 11 OF 14

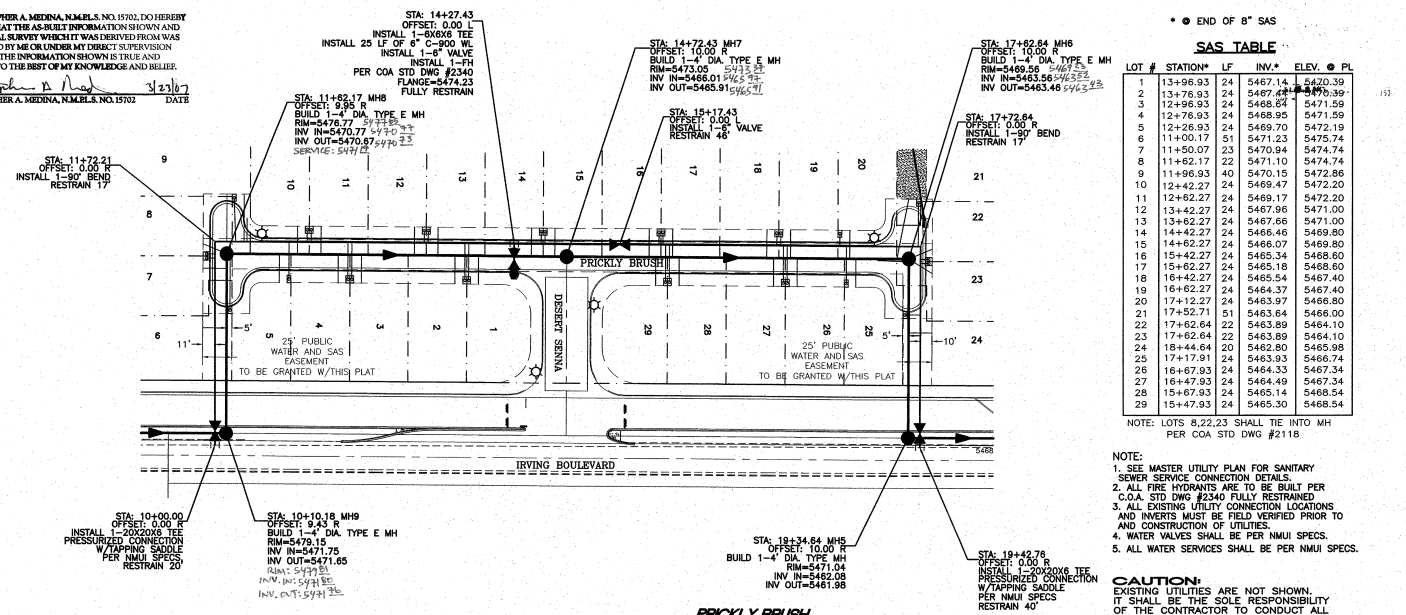
Record Drawing

SCANNED BY PLANNING

I, CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN AND THE ACTUAL SURVEY WHICH IT WAS DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I Christopher A. Medina 3/23/07

CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702 DATE



* @ END OF 8" SAS

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
1	13+96.93	24	5467.14	5470.39
2	13+76.93	24	5467.44	5470.39
3	12+96.93	24	5468.64	5471.59
4	12+76.93	24	5468.95	5471.59
5	12+26.93	24	5469.70	5472.19
6	11+00.17	51	5471.23	5475.74
7	11+50.07	23	5470.94	5474.74
8	11+62.17	22	5471.10	5474.74
9	11+96.93	40	5470.15	5472.86
10	12+42.27	24	5469.47	5472.20
11	12+62.27	24	5469.17	5472.20
12	13+42.27	24	5467.96	5471.00
13	13+62.27	24	5467.66	5471.00
14	14+42.27	24	5466.46	5469.80
15	14+62.27	24	5466.07	5469.80
16	15+42.27	24	5465.34	5468.60
17	15+62.27	24	5465.18	5468.60
18	16+42.27	24	5465.54	5467.40
19	16+62.27	24	5464.37	5467.40
20	17+12.27	24	5463.97	5466.80
21	17+52.71	51	5463.64	5466.00
22	17+62.64	22	5463.89	5464.10
23	17+62.64	22	5463.89	5464.10
24	18+44.64	20	5462.80	5465.98
25	17+17.91	24	5463.93	5466.74
26	16+67.93	24	5464.33	5467.34
27	16+47.93	24	5464.49	5467.34
28	15+67.93	24	5465.14	5468.54
29	15+47.93	24	5465.30	5468.54

NOTE: LOTS 8,22,23 SHALL TIE INTO MH PER COA STD DWG #2118

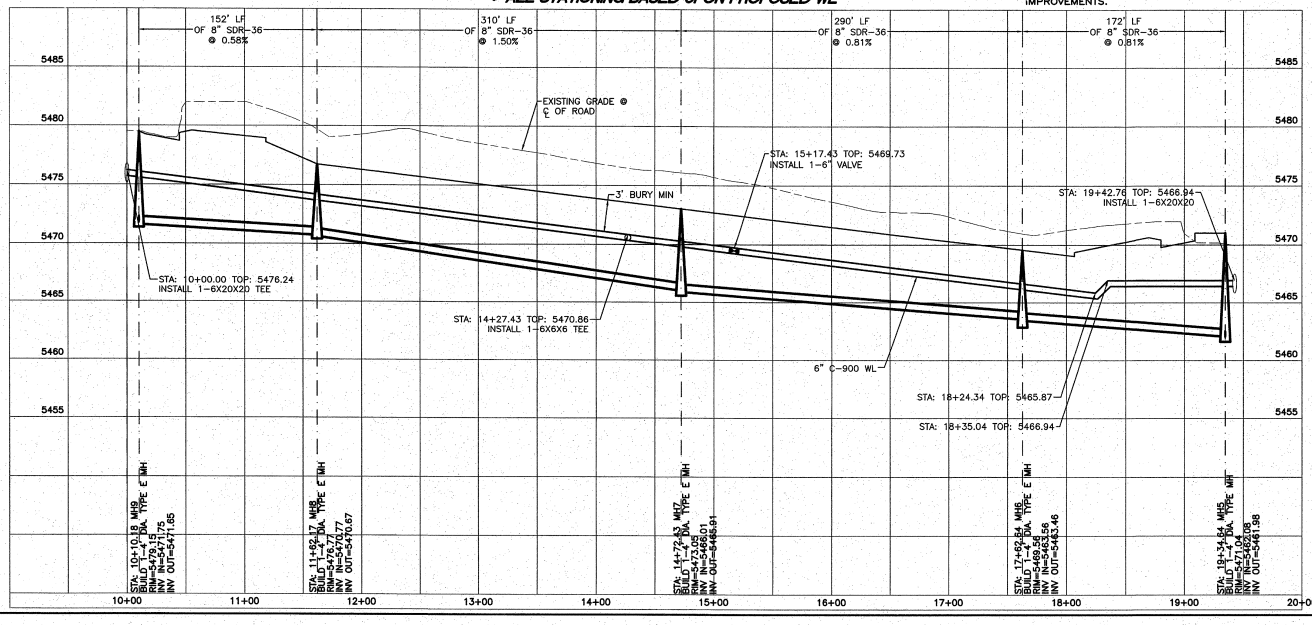
WL TABLE

LOT #	STATION	SERVICE
1&2	13+86.93	DOUBLE
3&4	12+86.93	DOUBLE
5	12+36.93	SINGLE
6	11+12.15	SINGLE
7&8	11+60.24	DOUBLE
9	11+86.93	SINGLE
10&11	12+52.35	DOUBLE
12&13	13+52.35	DOUBLE
14&15	14+52.35	DOUBLE
16&17	15+52.35	DOUBLE
18&19	16+52.35	DOUBLE
20	17+02.35	SINGLE
21	17+72.35	SINGLE
22&23	17+84.64	DOUBLE
24	18+32.64	SINGLE
25	17+07.91	SINGLE
26&27	16+57.93	DOUBLE
28&29	15+57.93	DOUBLE

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 AND CONSTRUCTION OF UTILITIES.
4. WATER VALVES SHALL BE PER NMUI SPECS.
5. ALL WATER SERVICES SHALL BE PER NMUI SPECS.

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.

PRICKLY BRUSH
STA: 10+00.00 TO 19+42.76
*-ALL STATIONING BASED UPON PROPOSED WL



PRICKLY BRUSH UT LINE TABLE		
LINE	LENGTH	BEARING
L16	172.21	N00°00'00"E
L17	600.43	S89°48'03"E
L18	25.00	S00°11'57"W
L19	170.12	S00°11'57"W
L20	152.00	N00°11'09"E
L21	290.24	S89°48'03"E
L22	290.20	S89°48'03"E
L23	152.00	S00°11'57"W

NEW MEXICO UTILITIES DATE

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

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
FIELD VERIFICATIONS BY
DRAWINGS CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE TITLE SHEET

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN: DATE: 9-19-06
DESIGNED BY: WCNJ DATE: 9-19-06
DRAWN BY: WCNJ JOB NO.: 2458
DRAWN NAME: 2458-DRC-9-22-06X.DWG DATE: 9-19-06
CHECKED BY: DS

Rio Grande Engineering
2105 GOLF COURSE ROAD SE
SUITE 1
RIO RANCHO, NM 87124
(505) 892-0855

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
UTILITY IMPROVEMENTS
PRICKLY BRUSH

DESIGN REVIEW COMMITTEE: APPROVED NOV 29 2006 CITY ENGINEER
CITY ENGINEER APPROVAL: APPROVED FEB 9 2006 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

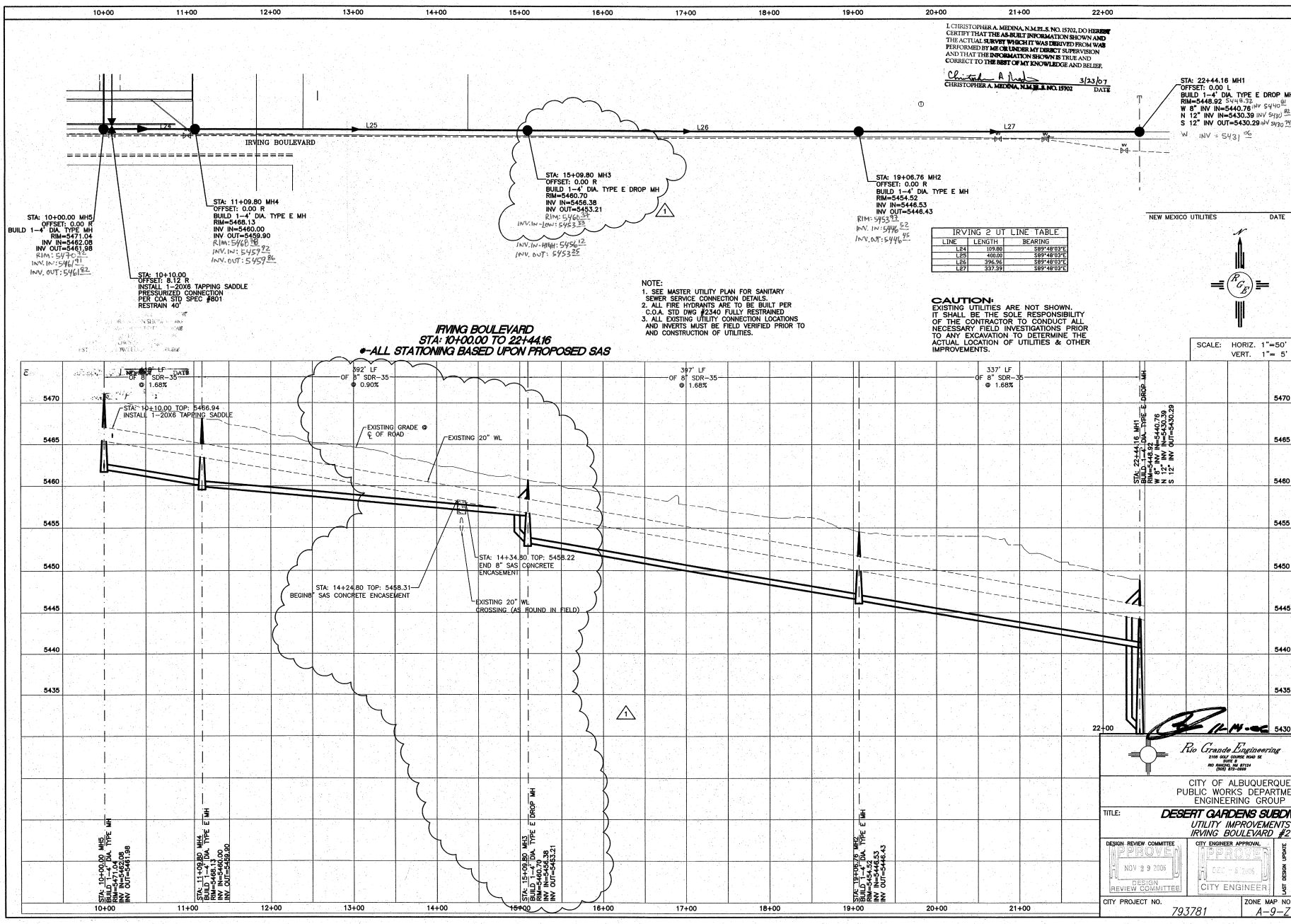
CITY PROJECT NO. 793781 | ZONE MAP NO. A-9-Z | SHEET 12 OF 14

Record Drawing

SCANNED BY PLANNING

I, CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN AND THE ACTUAL SURVEY WHICH IT WAS DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702 — DATE 3/23/07



IRVING 2 UT LINE TABLE		
LINE	LENGTH	BEARING
L24	109.80	S89°48'03"E
L25	400.00	S89°48'03"E
L26	396.95	S89°48'03"E
L27	337.39	S89°48'03"E

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 AND CONSTRUCTION OF UTILITIES.

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.

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

IRVING BOULEVARD
STA: 10+00.00 TO 22+44.16
*-ALL STATIONING BASED UPON PROPOSED SAS

AS BUILT INFORMATION — CONTRACTOR: SANDIA SURVEYS, INC. DATE 3/07; ENGINEER: RGE DATE 2/07; ACCEPTANCE: DATE; FIELD VERIFICATION BY: TBM DATE 2/07; DRAWINGS: BY: TBM DATE 2/07; MICRO-FILM INFORMATION: RECORDED BY, DATE, NO.

BENCH MARKS — SEE TITLE SHEET

SURVEY INFORMATION — FIELD NOTES: NO., BY, DATE

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

NO.	DATE	REMARKS	BY
1	11-14-06	CHANGED MH3 TO DROP MH/CHANGED SAS SLOPE TO 30% BETWEEN MH3 AND MH4	

REVISIONS

DESIGN — DESIGNED BY: WCWJ DATE: 9-19-06; DRAWN BY: WCWJ DATE: 9-19-06; DRAWN NAME: 2458-DRC-8-22-06X.DWG JOB NO.: 2458; CHECKED BY: DS DATE: 9-19-06

Rio Grande Engineering
2109 GOLF COURSE ROAD SE
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(505) 872-0999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
UTILITY IMPROVEMENTS
IRVING BOULEVARD #2

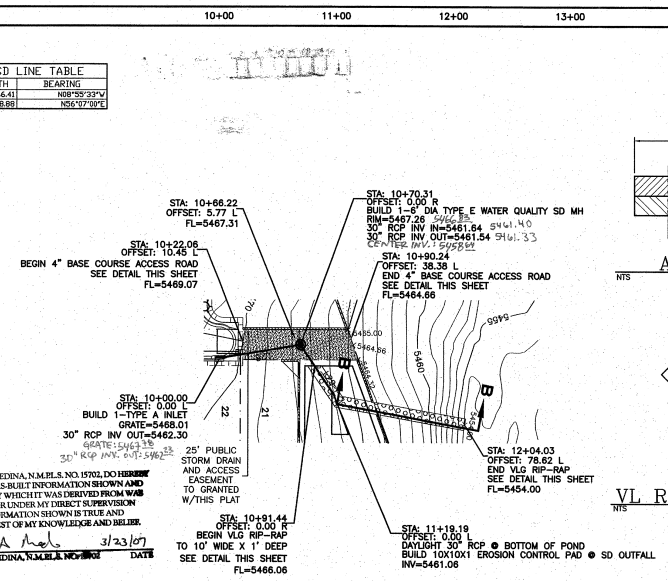
DESIGN REVIEW COMMITTEE: APPROVED NOV 29 2006 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED DEC 8 2006 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 793781 | ZONE MAP NO. A-9-Z | SHEET 13 OF 14

Record Drawing

SCANNED BY PLANNING

ONSITE SD LINE TABLE		
LINE	LENGTH	BEARING
L28	66.41	N08°55'33"W
L29	48.88	N56°07'09"E



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3/23/07

CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702 DATE

CAUTION:
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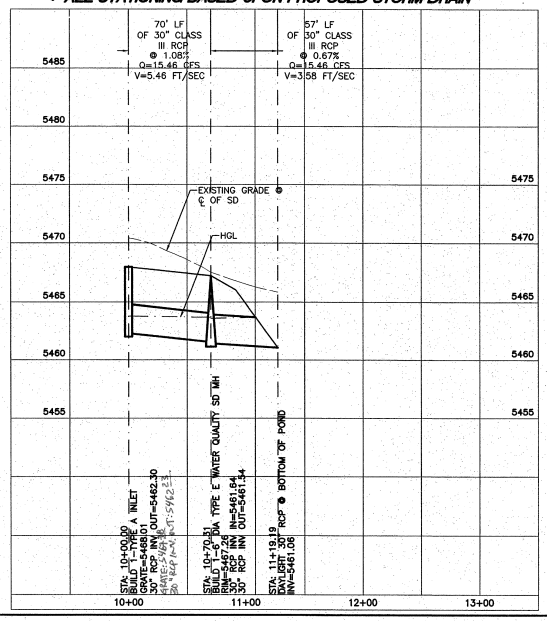
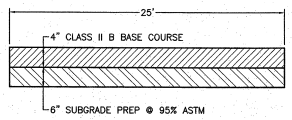
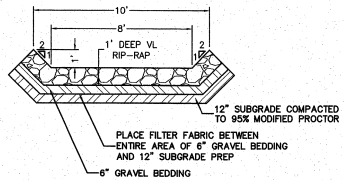
ONSITE STORM DRAIN
STA: 10+00.00 TO 11+19.19
@-ALL STATIONING BASED UPON PROPOSED STORM DRAIN

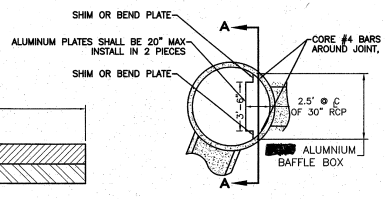




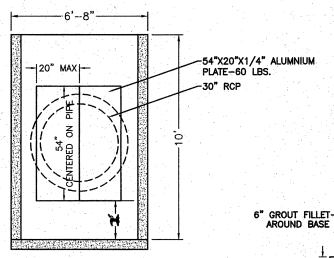
ACCESS ROAD DETAIL
NTS



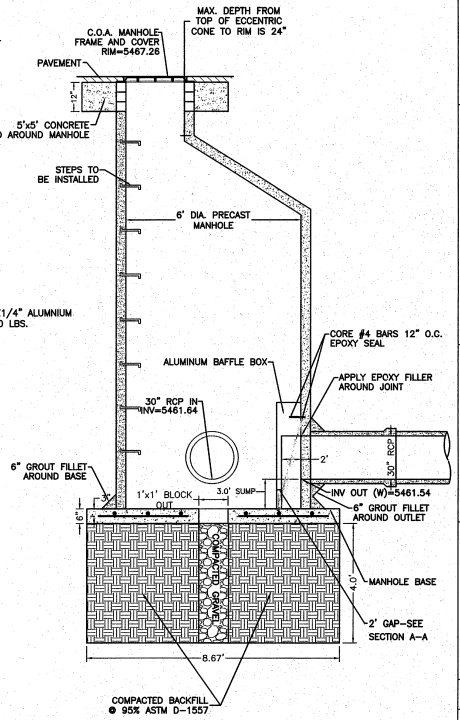
VL RIP-RAP RUNDOWN DETAIL
NTS



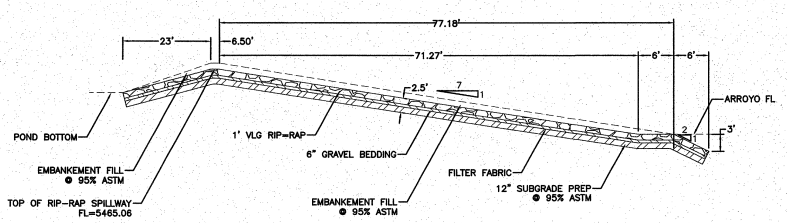
WATER QUALITY MANHOLE
TOP BAFFLE VIEW
NTS



SECTION A-A
NTS



WATER QUALITY MANHOLE
NTS



SECTION B-B
NTS

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

Rio Grande Engineering
2109 ORY COURSE ROAD SE
SUITE B
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **DESERT GARDENS SUBDIVISION**
STORM DRAIN IMPROVEMENTS
ONSITE STORM DRAIN (FROM PRICKLY BRUSH LANE)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED NOV 2 2 2006 DESIGN REVIEW COMMITTEE	APPROVED DEC 5 2006 CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
793781	A-9-Z	14	14

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE 2007
INSPECTOR'S INITIALS BY DATE 2007
FIELD VERIFICATION BY DATE 2007
DRAWINGS CORRECTED BY DATE 2007
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
SEE TITLE SHEET

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: 9-19-06
DRAWN BY: WCWJ	DATE: 9-19-06
DRAWN NAME: 2458-DRC-8-22-06X.DWG	JOB NO.: 2458
CHECKED BY: DS	DATE: 9-19-06