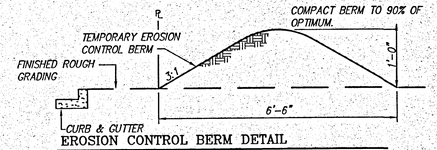

EROSION CONTROL BERM DETAIL

N.T.S.

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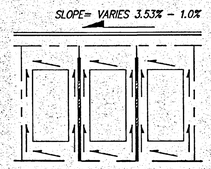
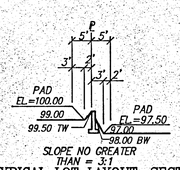


TYPICAL LOT LAYOUT: PLAN VIEW

N.T.S.

NOTES:

1. ALL LOT RUNOFF DRAINS TO THE STREET IN FRONT OF THE LOT.



TYPICAL LOT LAYOUT: SECTION

N.T.S.

NOTE: RETAINING WALL REQUIRED WHEN THE DIFFERENCE BETWEEN PAD ELEVATIONS IS GREATER THAN 2.5

NOTES

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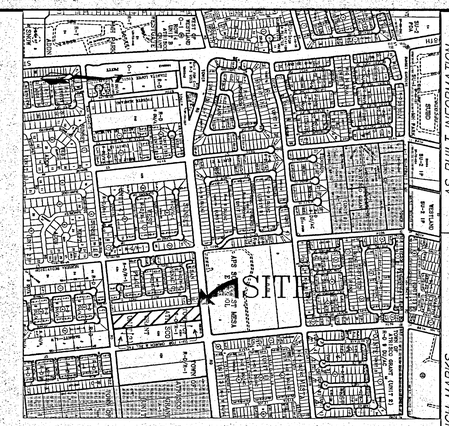
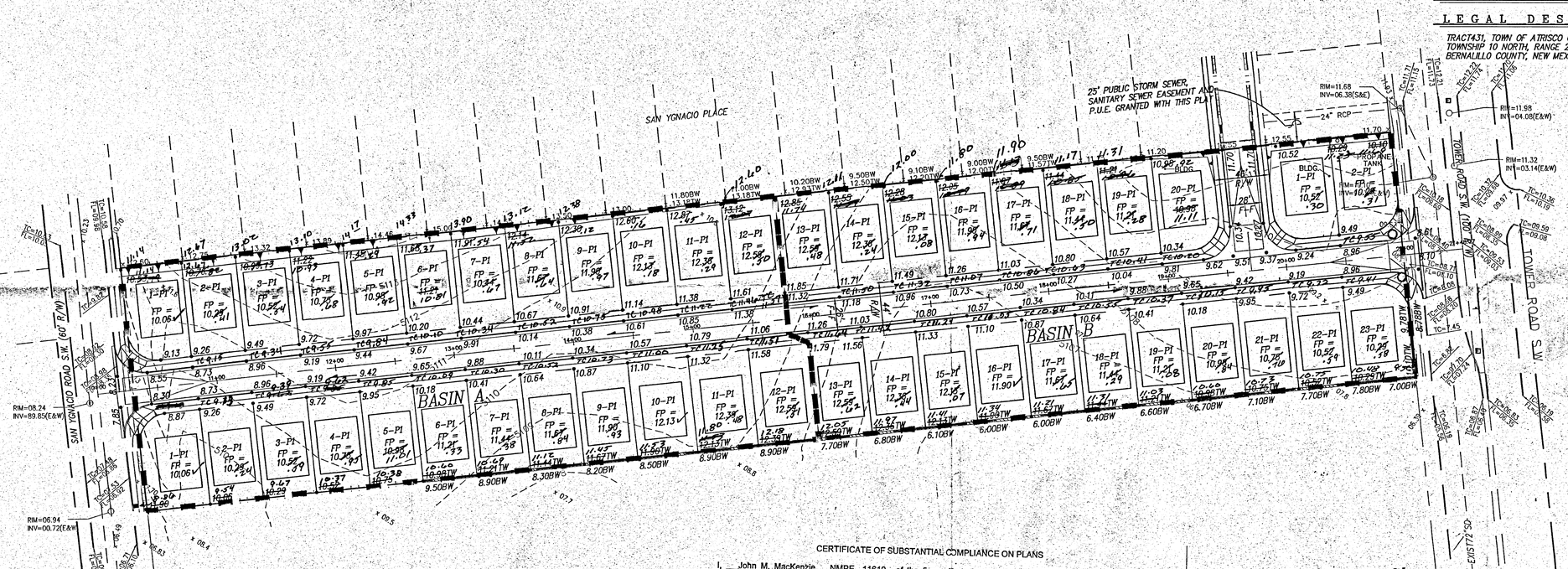


VICINITY MAP ZONE: L-9-Z

LEGAL DESCRIPTION

TRACT431, TOWN OF ATRISCO GRANT, UNIT 3, PROJECTED SECTION 28, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, John M. MacKenzie, NMPE 11619, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specificatdns 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 ALS, Inc., NMPS number 7719.

John M. MacKenzie
NMPE 11619

John M. MacKenzie 03-27-06

LEGEND

5615	EXISTING CONTOUR (MAJOR)
5616	EXISTING CONTOUR (MINOR)
TC= FL=	EXISTING SPOT ELEVATION
	EXISTING CHAIN LINK/WIRE FENCE
E E E E	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING POWER POLE
	EXISTING GUY WIRE
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING CONCRETE CURB
	CONCRETE/SIDEWALK
	WALL OR HEAD WALL
	SIGN
	TREE
	SANITARY SEWER MANHOLE
	CLEANOUT
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SPRINKLER CONTROL
	ELECTRIC PULLBOX
E&T	OVERHEAD ELECTRIC LINE
	POWER POLE
	STORM SEWER MANHOLE
	NEW SIDEWALK
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20.00	NEW SPOT ELEVATIONS
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18"	NEW STORM DRAIN
	NEW STORM DRAIN MANHOLE
	NEW WATERBLOCK
	NEW MOUNTABLE CURB & GUTTER
	NEW STANDARD CURB & GUTTER
20.00	SPOT ELEVATION @ FLOWLINE OF CURB

50' 25' 0 50' 100'

SCALE: 1" = 50'

A04JOBS/A4018/A4018GD50A.dwg 12-30-04 RDQ TAS DER NHE KJS

AS BUILT INFORMATION

CONTRACTOR	SAIC	
WORK STAKED BY	ALS	DATE 9/05
INSPECTOR'S ACCEPTANCE BY	DMG	DATE 9/05
FIELD VERIFICATION BY	ALS	DATE 9/05
DRAWINGS CORRECTED BY	ALS	DATE 9/05
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS Brass Cap stamped "7-L9" Located west the intersection of 98TH St. SW and Tower Rd. SW approximately 39.2' west from the centerline of 98th Street SW and 31.0' south from the centerline of Tower Rd.

Geographic Position (NAD 1927), in feet
N.M. State Plane Coordinates (Central Zone)
X=352,978.14 Y=1,478,346.71
Elevation=5175.735, NGVD29, in feet

SURVEY INFORMATION

FIELD NOTES

NO.	BY

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER JOHN M. MACKENZIE 11619

John M. MacKenzie 12/16/04

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	SD	DATE	07/04
DRAWN BY	RDQ	DATE	07/04
CHECKED BY	DMG	DATE	07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

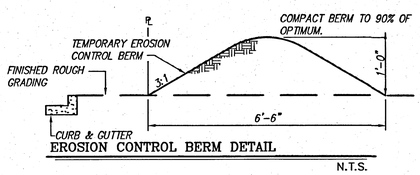
TITLE:

TORETTA ESTE GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
754081	L-9-Z	3	6

RECEIVED MAR 28 2006 HYDROLOGY SECTION



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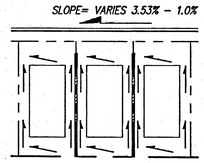

TYPICAL LOT LAYOUT: PLAN VIEW

N.T.S.

NOTES:

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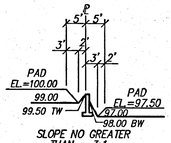

TYPICAL LOT LAYOUT: SECTION

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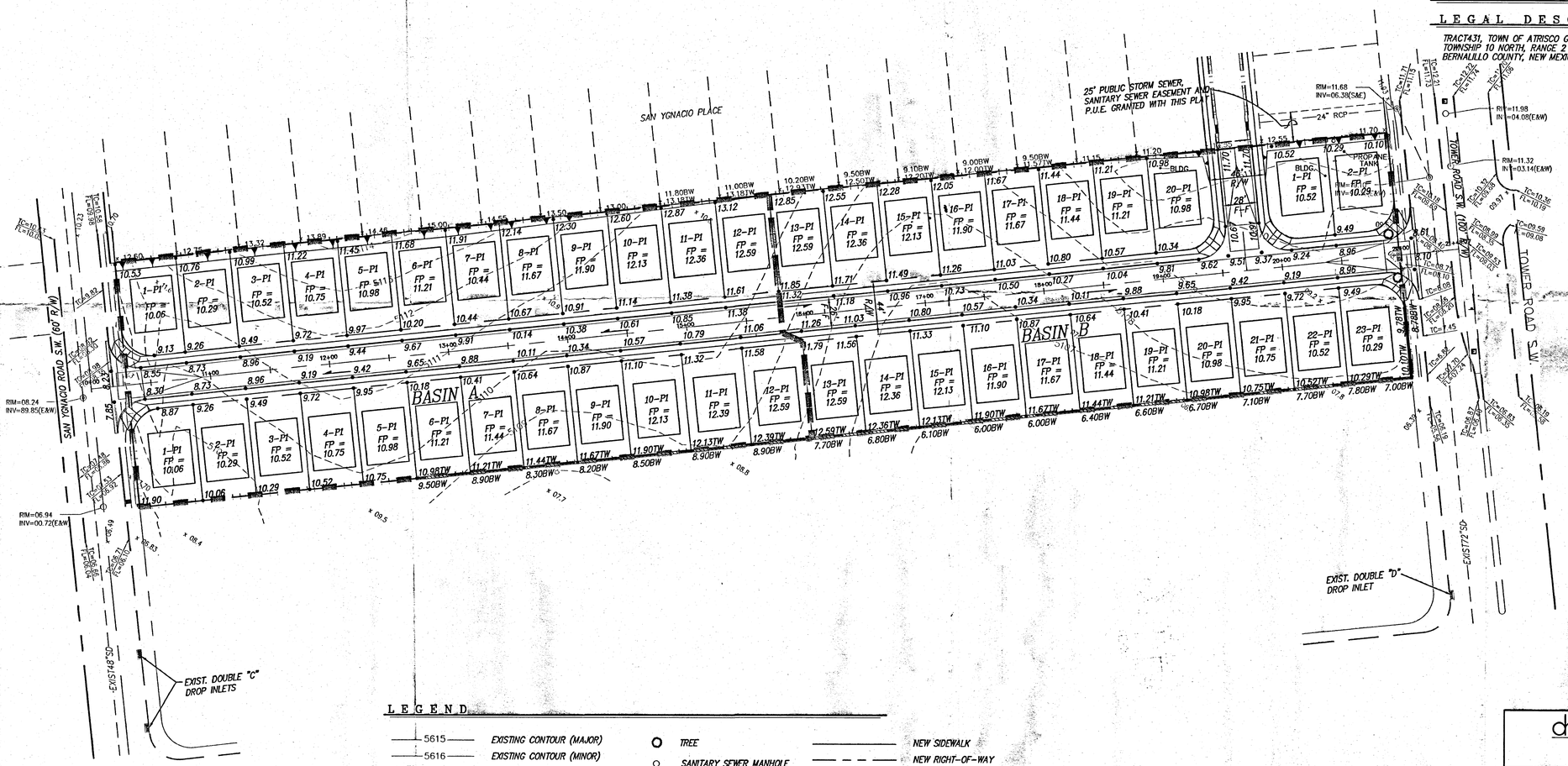
VICINITY MAP ZONE: L-9-Z

LEGAL DESCRIPTION

TRACT431, TOWN OF ATRISCO GRANT, UNIT 3, PROJECTED SECTION 28, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.



LEGEND

5615	EXISTING CONTOUR (MAJOR)		TREE		NEW SIDEWALK
5616	EXISTING CONTOUR (MINOR)		SANITARY SEWER MANHOLE		NEW RIGHT-OF-WAY
TC= FL=	x 00.0 EXISTING SPOT ELEVATION		CLEANOUT		NEW CENTERLINE
	EXISTING CHAIN LINK/WIRE FENCE		WATER VALVE		NEW LOT LINES
E	EXISTING OVERHEAD ELECTRIC LINE		FIRE HYDRANT		NEW EASEMENTS
	EXISTING POWER POLE		WATER METER		NEW RETAINING WALL
	EXISTING GUY WIRE		SPRINKLER CONTROL	20.00	NEW SPOT ELEVATIONS
	EXISTING TELEPHONE MANHOLE		ELECTRIC PULLBOX		NEW FLOW
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	WALL OR HEAD WALL				NEW MOUNTABLE CURB & GUTTER
	SIGN				NEW STANDARD CURB & GUTTER

50' 25' 0 50' 100'

SCALE: 1" = 50'

A04JOBS/A4018/A4018GD50A.dwg 10-26-04 RDQ TAS DER NHE

RECEIVED DEC 17 2004 HYDROLOGY SECTION

AS BUILT INFORMATION

		DATE
CONTRACTOR WORKS BY		
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS Brass Cap stamped "7-L9"
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Elevation=5175.735, NGVD29, in feet

SURVEY INFORMATION

FIELD NOTES

NO.	BY

ENGINEER'S SEAL

JOHN W. MARCHETTI NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11819

12-16-04

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		DATE
DESIGNED BY	SD	07/04
DRAWN BY	RDQ	07/04
CHECKED BY	DMG	07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

TORETTA ESTE GRADING & DRAINAGE PLAN

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

CITY PROJECT NO. | ZONE MAP NO. L-9-Z | SHEET 1 OF 1

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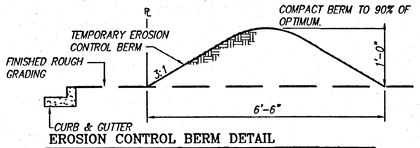
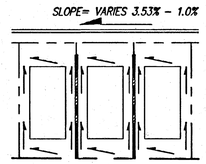


EROSION CONTROL BERM DETAIL

N.T.S.



TYPICAL LOT LAYOUT: PLAN VIEW

N.T.S.

NOTES:

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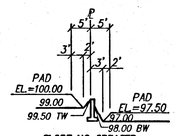

TYPICAL LOT LAYOUT: SECTION

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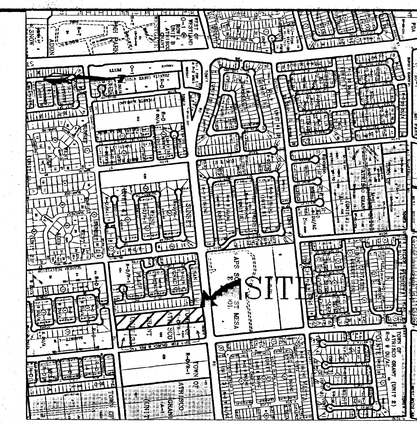
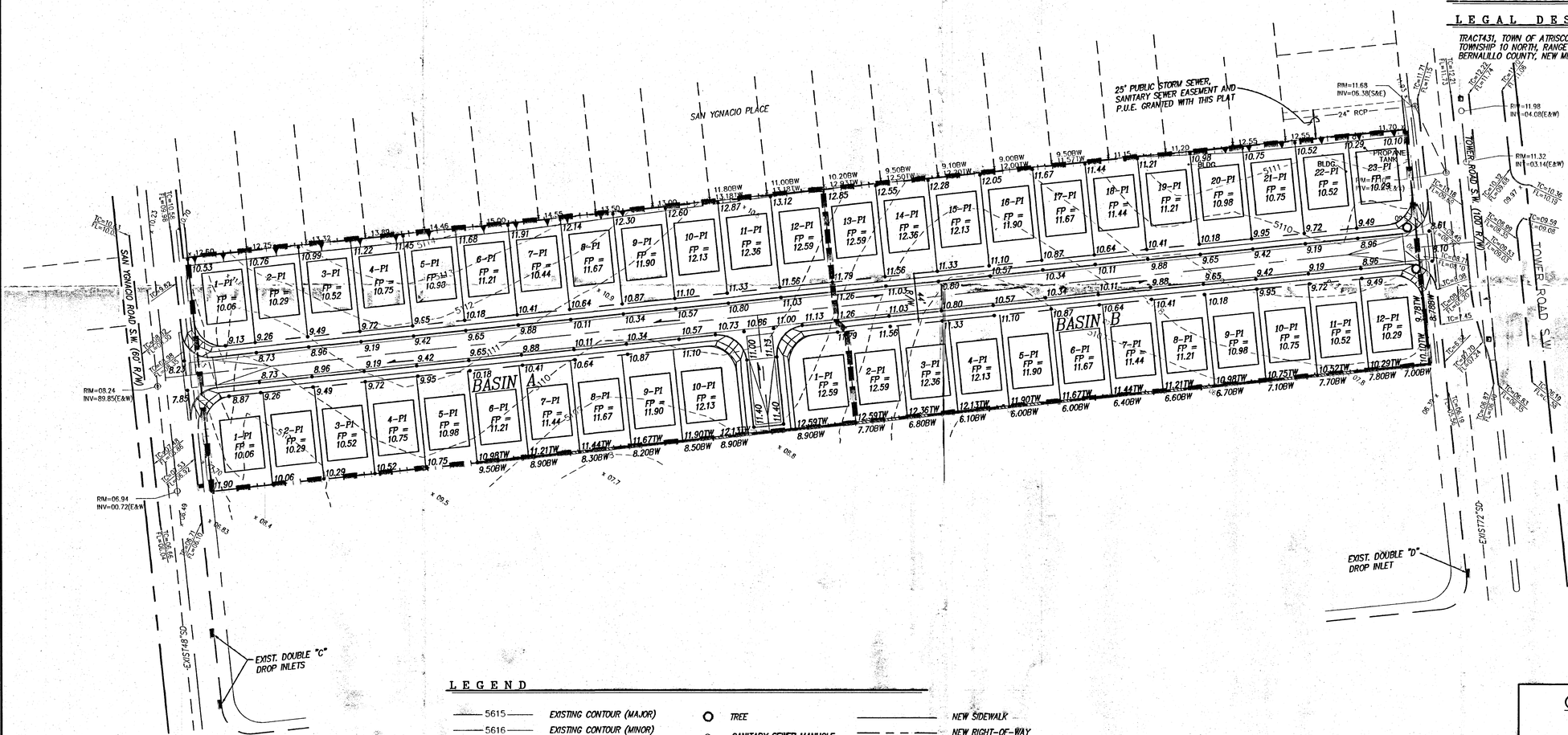


VICINITY MAP

ZONE: L-9-Z

LEGAL DESCRIPTION

TRACT431, TOWN OF ATRISCO GRANT, UNIT 3, PROJECTED SECTION 28, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.



LEGEND

5615	EXISTING CONTOUR (MAJOR)	TREE	NEW SIDEWALK
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	EXISTING CHAIN LINK/WIRE FENCE	WATER VALVE	NEW LOT LINES
—E—E—E—E—	EXISTING OVERHEAD ELECTRIC LINE	FIRE HYDRANT	NEW EASEMENTS
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	CONCRETE/SIDEWALK	STORM SEWER MANHOLE	NEW WATERBLOCK
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	SIGN		NEW STANDARD CURB & GUTTER

50' 25' 0 50' 100'

SCALE: 1" = 50'

A04JOBS/A4018/A4018GD50.dwg 08-21-04 RDQ TAS

AS BUILT INFORMATION

CONTRACTOR	
STAKED BY	DATE
INSPECTOR'S CHANGES BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

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X=352,978.14 Y=1,478,346.71
Elevation=5175.735, NGVD29, in feet

SURVEY INFORMATION

FIELD NOTES

NO.	BY

ENGINEER'S SEAL

John M. Macklin
NEW MEXICO
10116
PROFESSIONAL ENGINEER
8/23/04

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	SD	DATE 07/04
DRAWN BY	RDQ	DATE 07/04
CHECKED BY	DMG	DATE 07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

TOWER EAST GRADING & DRAINAGE PLAN

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

CITY PROJECT NO. | ZONE MAP NO. L-9-Z | SHEET 1 OF 1

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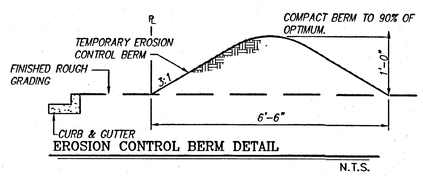
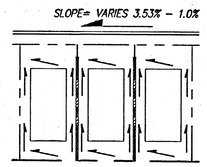


EROSION CONTROL BERM DETAIL

N.T.S.



TYPICAL LOT LAYOUT: PLAN VIEW

N.T.S.

NOTES:

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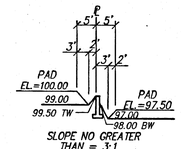

TYPICAL LOT LAYOUT: SECTION

N.T.S.

NOTE: RETAINING WALL REQUIRED WHEN THE DIFFERENCE BETWEEN PAD ELEVATIONS IS GREATER THAN 2.5

Show retaining wall detail

NOTES

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LEGAL DESCRIPTION

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Show all proposed Retaining Walls – TOW and BOW elevations

Show 72" RCP along Tower

Show 48" RCP along San Ygnacio

Street names?

Some spot elev. left blank, provide those elev.

LEGEND

5615	EXISTING CONTOUR (MAJOR)
5616	EXISTING CONTOUR (MINOR)
TC= FL= x 00.0	EXISTING SPOT ELEVATION
	EXISTING CHAIN LINK/WIRE FENCE
—E—E—E—E—	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING POWER POLE
	EXISTING GUY WIRE
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING CONCRETE CURB
	CONCRETE/SIDEWALK
	WALL OR HEAD WALL
	SIGN
	TREE
	SANITARY SEWER MANHOLE
	CLEANOUT
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SPRINKLER CONTROL
	ELECTRIC PULLBOX
—E&T—	OVERHEAD ELECTRIC LINE
	POWER POLE
	STORM SEWER MANHOLE
	NEW SIDEWALK
	NEW RIGHT-OF-WAY
	NEW CENTERLINE
	NEW LOT LINES
	NEW EASEMENTS
	NEW RETAINING WALL
20.00	NEW SPOT ELEVATIONS
	NEW FLOW
18"	NEW STORM DRAIN
	NEW STORM DRAIN MANHOLE
	NEW WATERBLOCK
	NEW MOUNTABLE CURB & GUTTER
	NEW STANDARD CURB & GUTTER

50' 25' 0 50' 100'

SCALE: 1" = 50'

A04J0BS/A4018/A4018GD50.dwg 06-29-04 RDQ TAS

F:\A04J0BS\A4018\A4018GD50A.dwg Tue Jul 20 09:18:14 2004 D. MARK GOODWIN & ASSOCIATES; PLTTED BY: KJS

SURVEY INFORMATION

FIELD NOTES

NO.	BY

BENCH MARKS

ACS Brass Cap stamped "7-L9"
Located west the intersection of 98TH St. SW and Tower Rd. SW approximately 39.2' west from the centerline of 98th Street SW and 31.0' south from the centerline of Tower Rd.
Geographic Position (NAD 1927), in feet
N.M. State Plane Coordinates (Central Zone)
X=352,978.14 Y=1,478,346.71
Elevation=5175.735, NGVD29, in feet

AS BUILT INFORMATION

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

ENGINEER'S SEAL

JOHN T. SANCHEZ JR. REGISTERED PROFESSIONAL ENGINEER 11018 NEW MEXICO

7-20-04

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	SD	DATE 07/04
DRAWN BY	RDQ	DATE 07/04
CHECKED BY	DMG	DATE 07/04

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

RECEIVED JUL 20 2004 HYDROLOGY SECTION

TITLE: TOWER EAST GRADING & DRAINAGE PLAN

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

CITY PROJECT NO. | ZONE MAP NO. L-9-Z | SHEET 1 OF 1