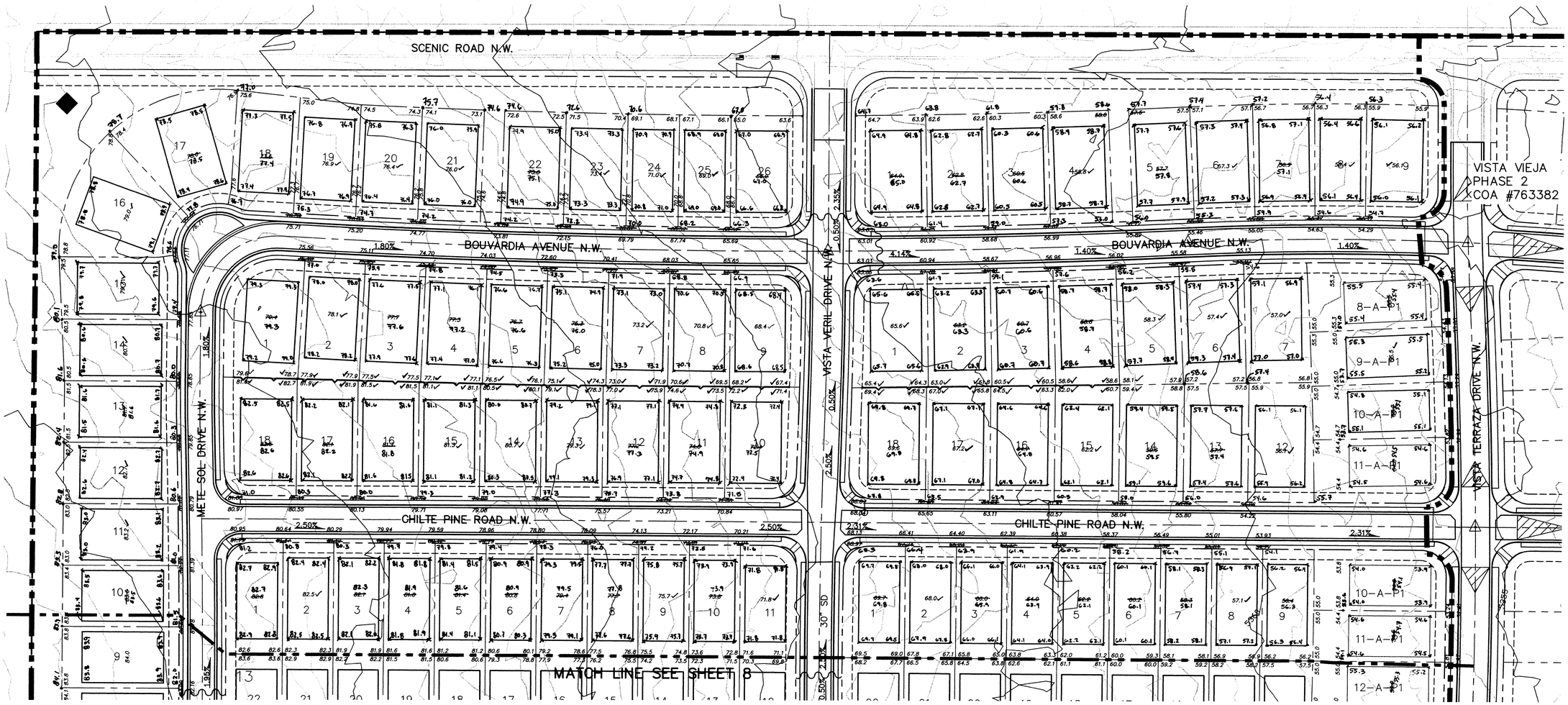

Site Location: Tract number Three of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

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Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

LEGEND
- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — ℄ LINE ELEVATION
- STORM DRAIN INLET

FOR INFORMATION ONLY

RECEIVED
NOV 17 2010
LAND DEVELOPMENT SECTION

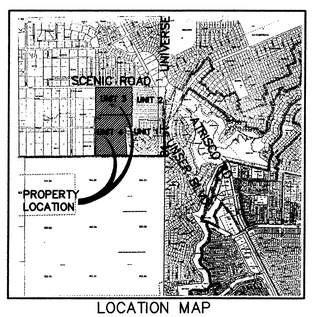
"DRAINAGE CERTIFICATION"

I, **Christopher A. Perea**, NMPE # **13686**, of the firm **WILSON & COMPANY**, hereby certify that this Project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved Drainage Report entitled **'VISTA VIEJA SUBDIVISION UNIT 2, 3, 4 REVISED DRAINAGE REPORT'** and dated **1-24-07**, as well as in accordance with the **'GRADING & DRAINAGE PLAN'** stamps dated **2-22-08 & 7-28-08**. The record information edited onto the original design documents has been obtained by **RUSS P. HUGG**, NMPS # **9750**, of the firm **SURVTEK INC.** I further certify that I have personally visited the Project site on **3-18-11** and have determined by visual inspection that the survey data provided is representative of actual site conditions and true and correct to the best of my knowledge and belief. This Certification is submitted in support of a request for **RELEASE OF FINANCIAL GUARANTY AND SIA**.

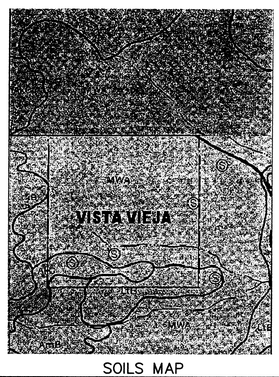
The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this Project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other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

Christopher A. Perea, NMPE # 13686 5-2-11

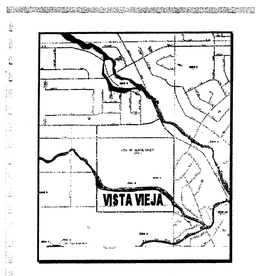
CHRISTOPHER A. PEREA — NEW MEXICO — 13686 — REGISTERED PROFESSIONAL ENGINEER



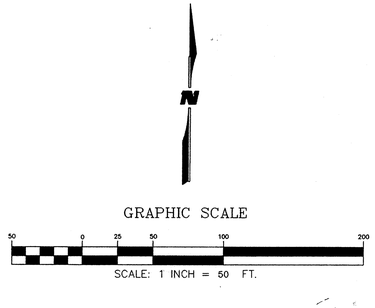
LOCATION MAP
ZONE ATLAS MAP NO. D–10



SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY PANEL 007



WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 200
ALBUQUERQUE, NEW MEXICO
87109
(505) 348–4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RECORD DRAWINGS
DATE 3-29-11

VISTA VIEJA SUBDIVISION PHASE 3
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

City Project No.	Zone Map No.	Sheet	Of
763383	D–9	7	33

AS–BUILT INFORMATION
CONTRACTOR SAULS BROTHERS CONSTRUCTION, INC DATE 8/10/10
WORK STAKED BY SURVTEK, INC DATE 5/11
CONSTRUCTION ACCEPTANCE BY WILSON & COMPANY DATE 5/11
FIELD VERIFICATION BY SURVTEK, INC DATE 5/8/11
DRAWINGS COMPILED BY SURVTEK, INC DATE 5/8/11
MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8–C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
ROBERT S. MAGLANE — NEW MEXICO — 15557 — REGISTERED PROFESSIONAL ENGINEER

REMARKS
REVISIONS
NO. | BY | DATE
WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE JAN 08
DRAWN BY RKS DATE JAN 08
CHECKED BY RSM DATE JAN 08

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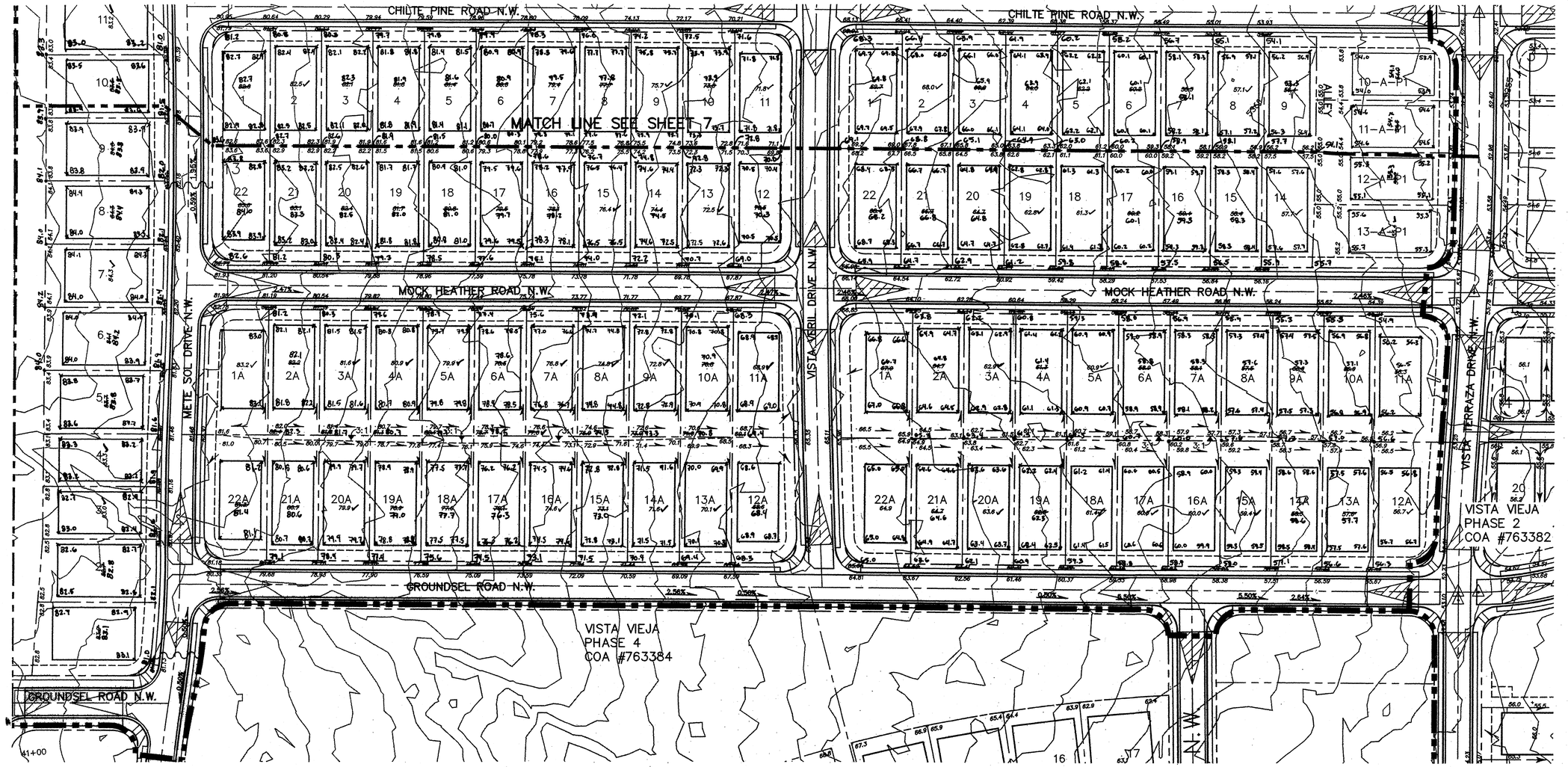

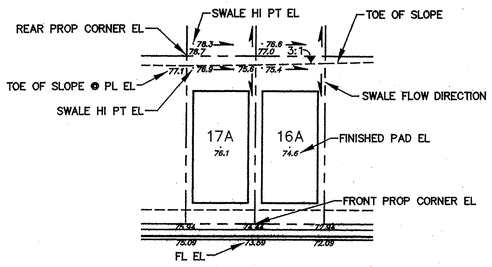

TYPICAL LOT DRAINAGE DETAIL

SCALE: 1" = 50'

CHRISTOPHER A. PEREA NEW MEXICO 13686 REGISTERED PROFESSIONAL ENGINEER

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Christopher A. Perea, NMPE # 13686 5-3-11

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

RECEIVED NOV 17 2016 LAND DEVELOPMENT SECTION

NO.	DATE	REMARKS
1	8/1/08	REVISED GRADING BLOCKS 15 & 16 PER REPLAT

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE JAN 08
DRAWN BY RKS DATE JAN 08
CHECKED BY RSM DATE JAN 08

DSK/KIS

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 200
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

RECORD DRAWING
DATE 3-29-11

VISTA VIEJA SUBDIVISION PHASE 3
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY				

City Project No.	Zone Map No.	Sheet	Of
763383	D-9	1	1

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

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AS-BUILT INFORMATION

CONTRACTOR	SALLS BROTHERS CONSTRUCTION, INC DATE 8/10 TO 3/11
WORK PERFORMED BY	SURVTEK, INC DATE 3/11
INSPECTOR'S ACCEPTANCE BY	WILSON & COMPANY DATE 3/29/11
VERIFICATION BY	SURVTEK, INC DATE 3/8/11
CORRECTED BY	SURVTEK, INC DATE 3/8/11
RECORDED BY	DATE
N/A	

MICRO-FILM INFORMATION

ENGINEER'S SEAL

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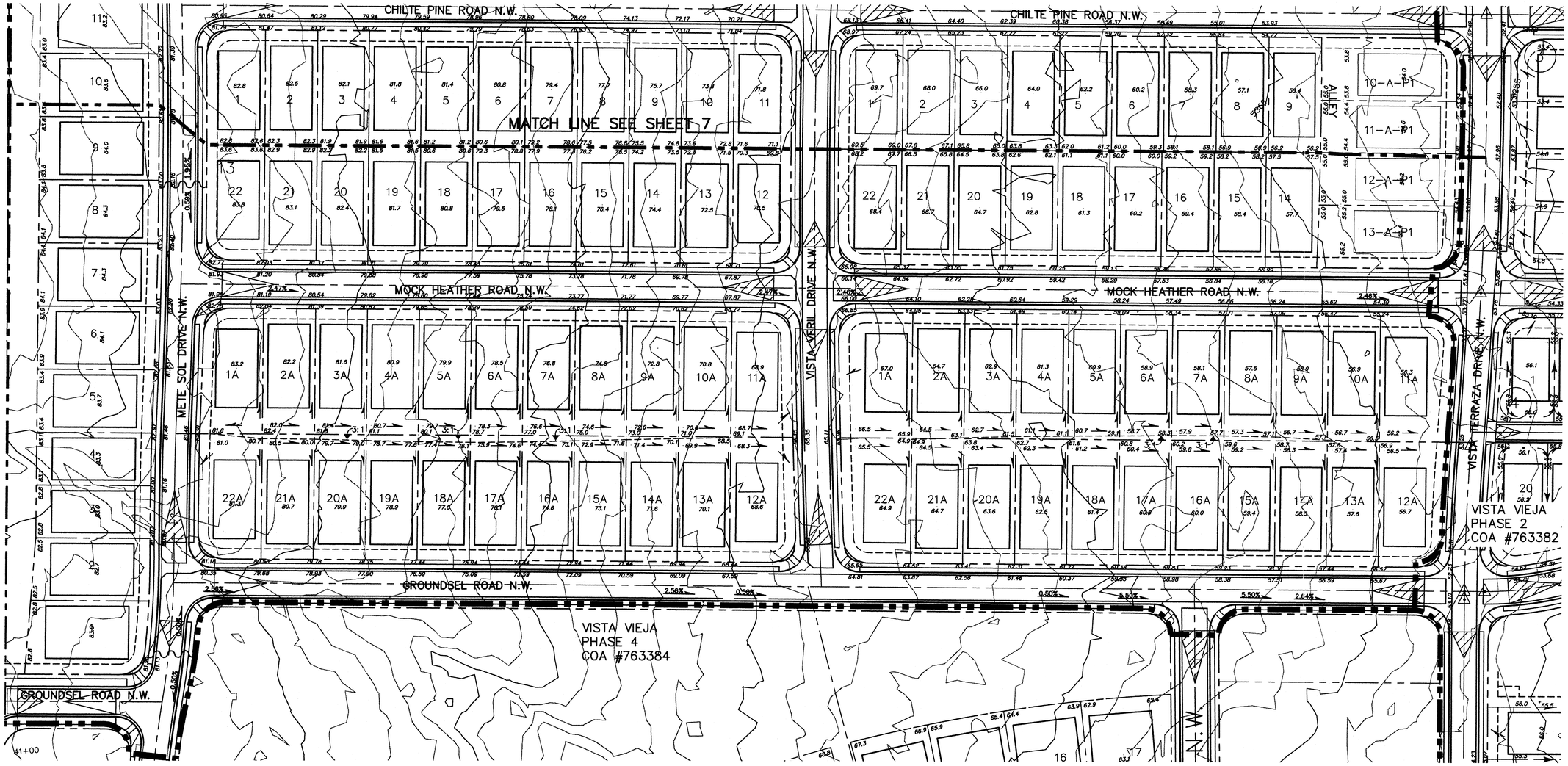

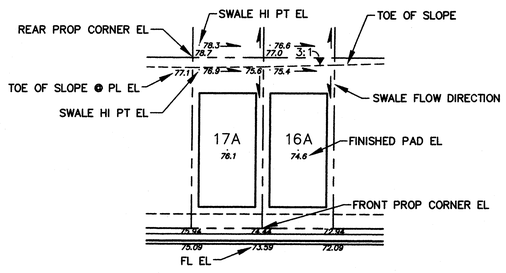

TYPICAL LOT DRAINAGE DETAIL

SCALE: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

AS-BUILT INFORMATION

CONTRACTOR — DATE

WORK INSPECTORS — DATE

ACCEPTANCE BY — DATE

FIELD VERIFICATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISED GRADING BLOCKS 15 & 16 PER REPLAT — DSA/KNS — 8/1/08 — 1

NO.	DATE	REMARKS

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY RSM — DATE JAN 08

DRAWN BY RKS — DATE JAN 08

CHECKED BY RSM — DATE JAN 08

WILSON & COMPANY

4900 LANG AVENUE N.E.
SUITE 200
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 3
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
763383	D-9	1	1

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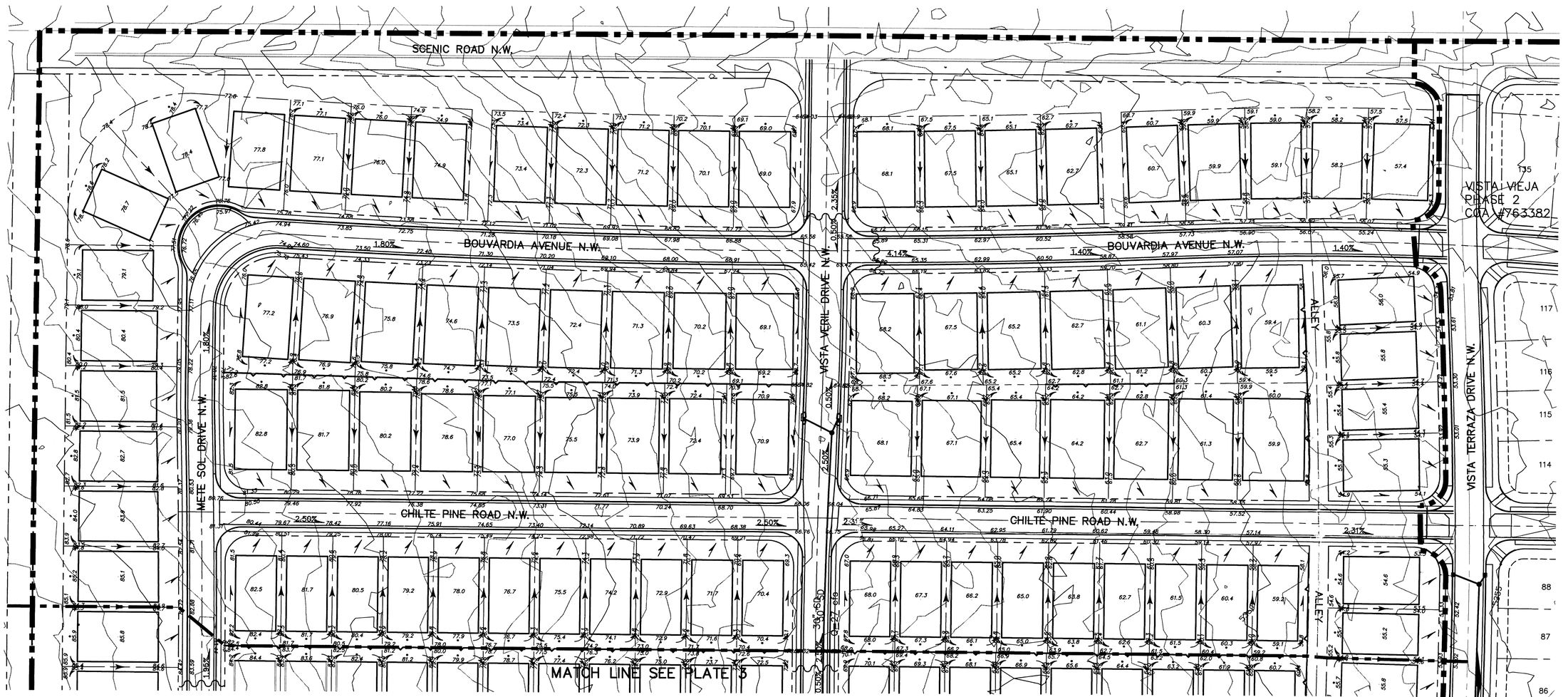

Site Location: Tract number Three of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

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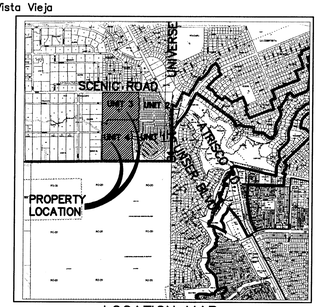
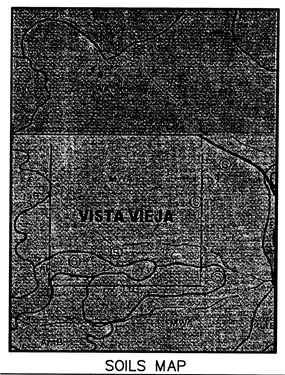
LEGEND

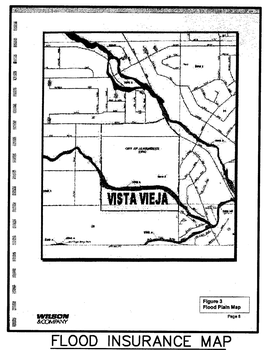
- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX ℄ LINE ELEVATION
- STORM DRAIN INLET



LOCATION MAP
ZONE ATLAS MAP NO. D–10



SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY PANEL 007

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
CONSTRUCTION ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
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ELEVATION = 5390.130 FT. (SLD 1929)

MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REMARKS / REVISIONS

NO.	DATE	BY

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY SJS — DATE NOV 05
DRAWN BY STAFF — DATE NOV 05
CHECKED BY RSM — DATE NOV 05

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348–4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE III
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
763383	D–9		

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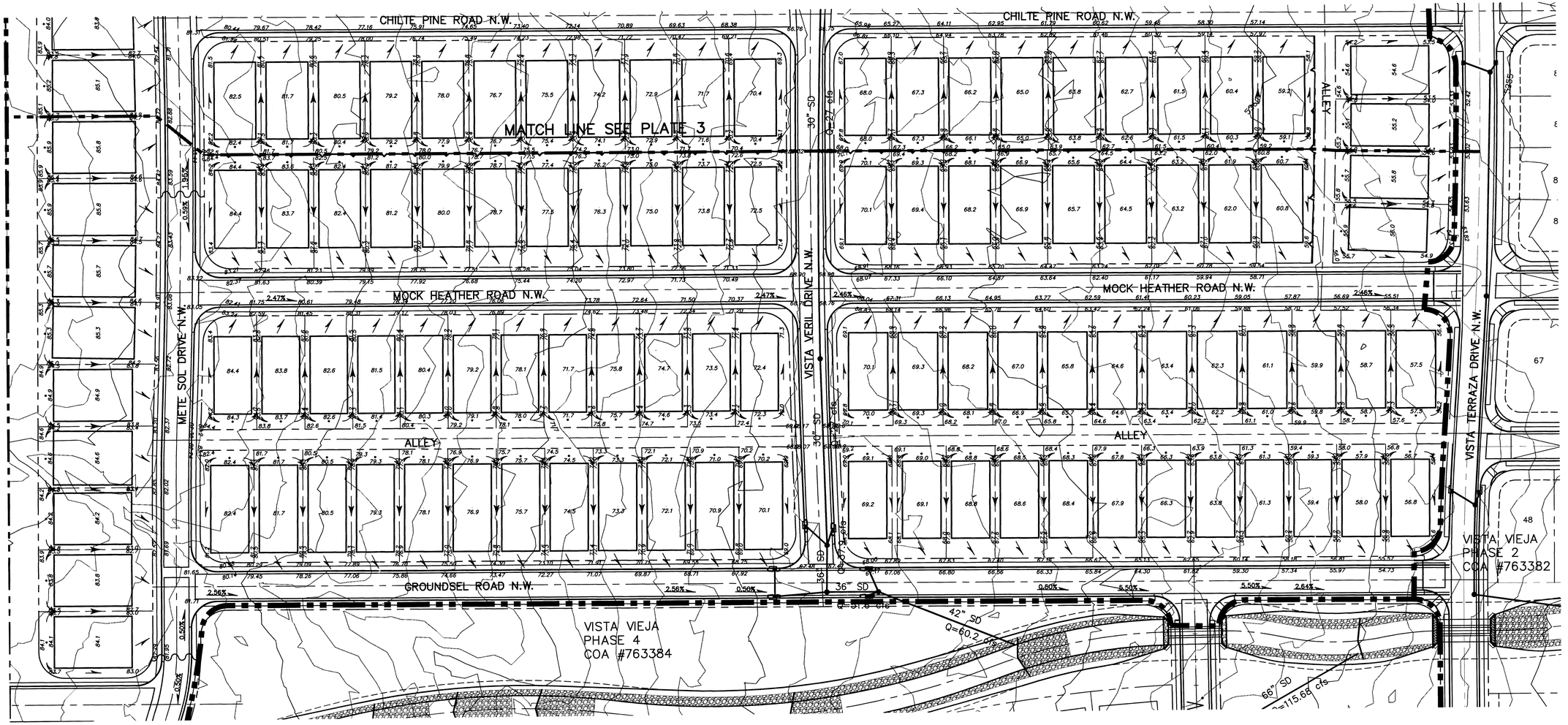
PLATE 2



LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — ℄ LINE ELEVATION
- STORM DRAIN INLET

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

AS-BUILT INFORMATION

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

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO — 14822 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY SJS — DATE NOV 05
DRAWN BY STAFF — DATE NOV 05
CHECKED BY RSM — DATE NOV 05

WILSON &COMPANY

4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE III
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
763383	D-9		

PLATE 3

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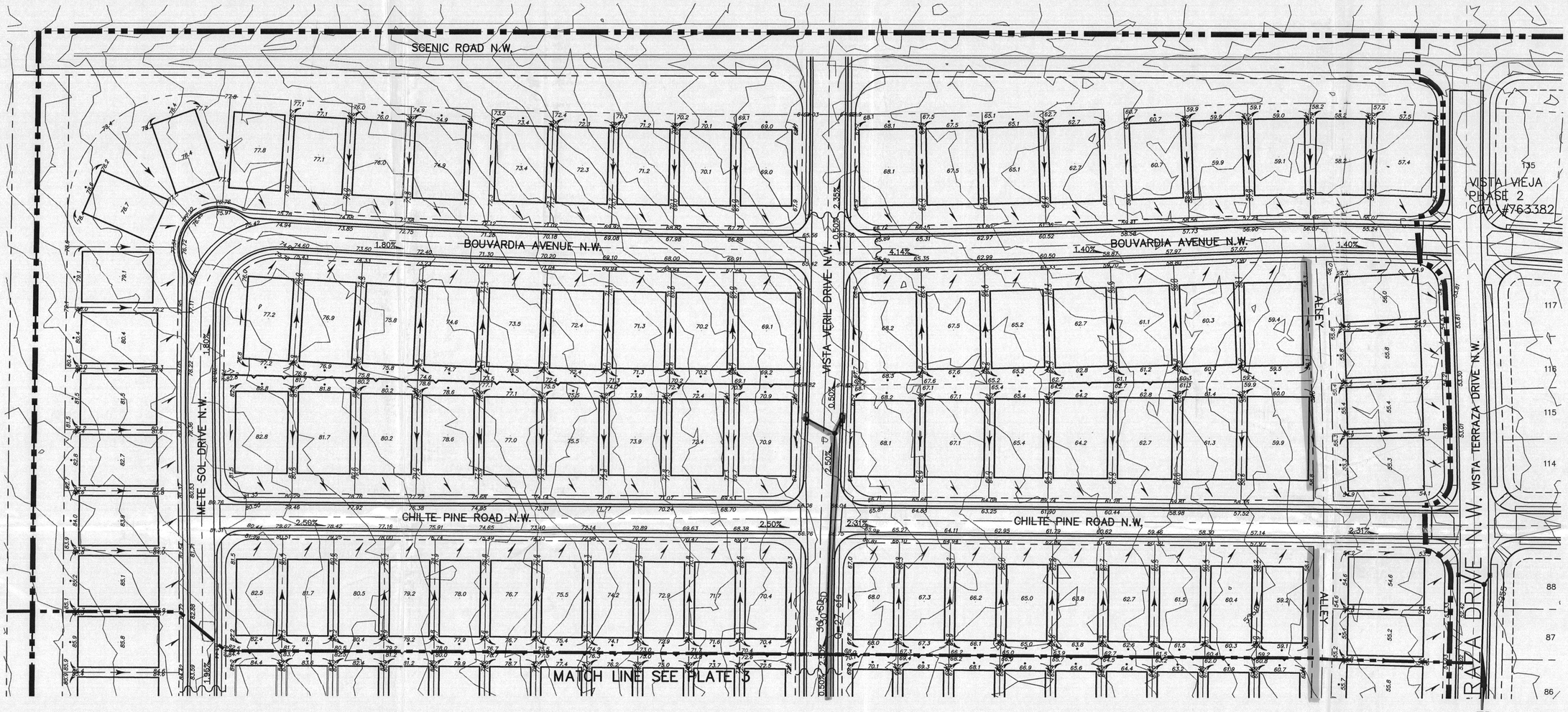

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LEGEND

- RETAINING WALL
- HIGH POINT
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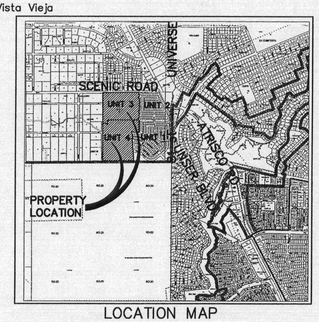
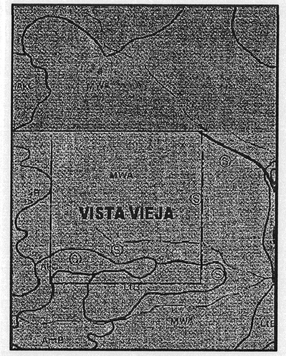


LOCATION MAP
ZONE ATLAS MAP NO. D–10



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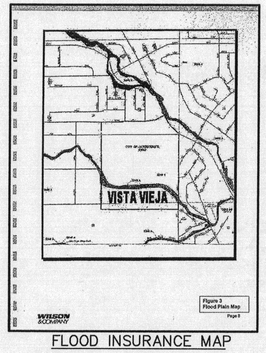

FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY PANEL 007

GRAPHIC SCALE
50 0 25 50 100 200
SCALE: 1 INCH = 50 FT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
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AS–BUILT INFORMATION

CONTRACTOR	
WORK INSPECTED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWING CORRECTED BY	DATE

MICRO–FILM INFORMATION
RECORDED BY: DATE
NO.

ENGINEER'S SEAL
ROBERT S. MACLAVE NEW MEXICO 15985 REGISTERED PROFESSIONAL ENGINEER
12-10

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY	SJS	DATE NOV 05
DRAWN BY	STAFF	DATE NOV 05
CHECKED BY	RSM	DATE NOV 05

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348–4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE III
CONCEPTUAL 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
763383	D–9		

PLATE 2

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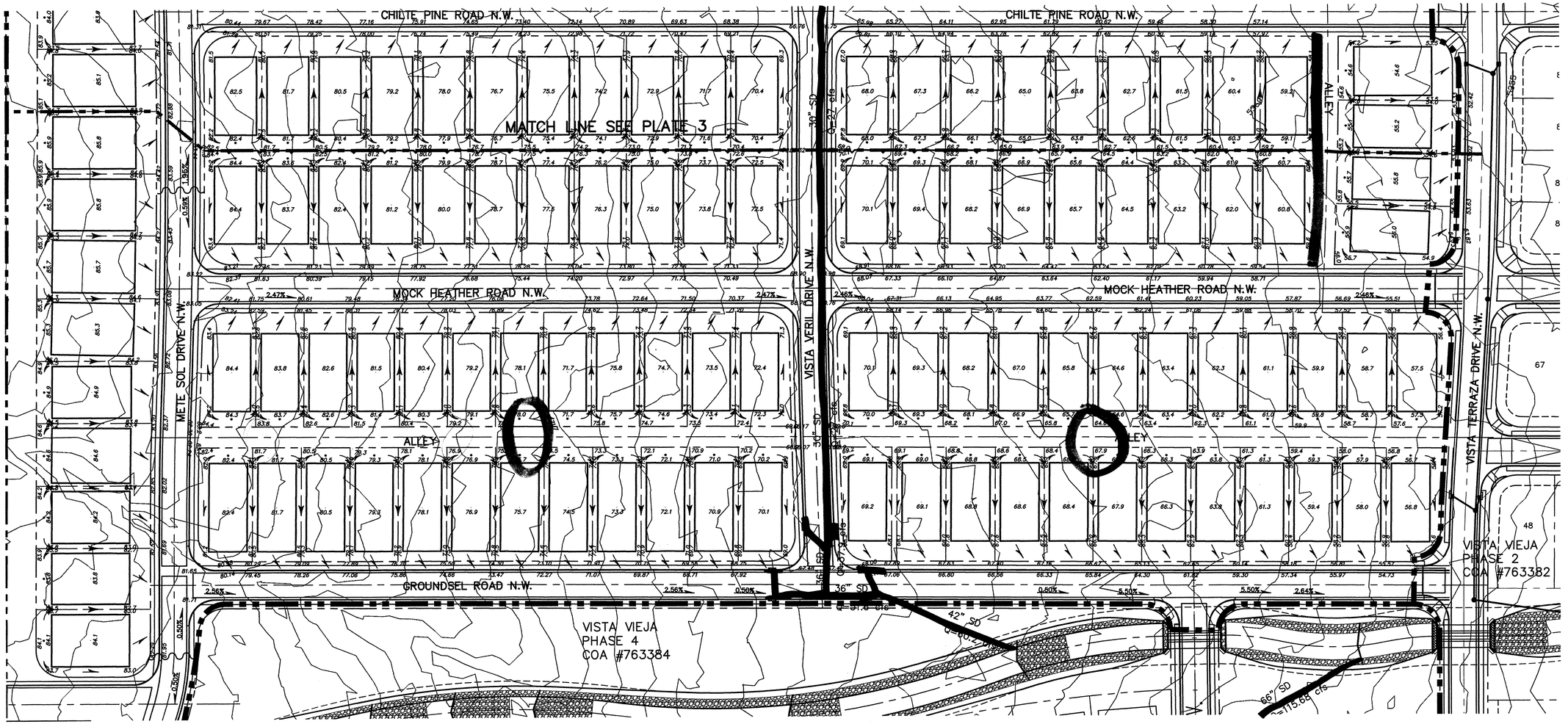


LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX ℄ LINE ELEVATION
- STORM DRAIN INLET

N

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS B-C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY: DATE
CONSTRUCTION ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CONSTRUCTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

S. MACLANE HOBBS 15887 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER LICENSED

NO.	DATE	REMARKS	BY

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY SJS DATE NOV 05
DRAWN BY STAFF DATE NOV 05
CHECKED BY RSM DATE NOV 05

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE III
CONCEPTUAL 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
763383	D-9	PLATE 3	

T:\Projects\X3218078\M\sheets\GD04.dwg 11/15/2005 11:35:01 AM MST

GROUNDSEL ROAD N.W.

VISTA VIEJA
PHASE 3
COA #763383

VISTA VIEJA
PHASE IV
BOUNDARY

UNPLATTED
LAND

DIVERSION BERM

SILK TASSEL ROAD N.W.

BUTEOS DRIVE N.W.

HAWK EYE ROAD N.W.

VISTA VIEJA
PHASE 2
COA #763382

VISTA VIEJA
PHASE 1
COA #763381

MATCH LINE SEE PLATE 6

MATCH LINE SEE PLATE 6

36" SD
Q=51.8 cfs

42" SD
Q=60.2 cfs

66" SD
Q=115.68 cfs

54" SD

48" SD

42" SD

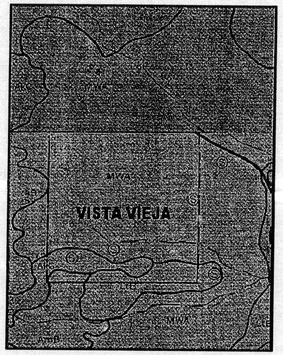
42" SD

42" SD

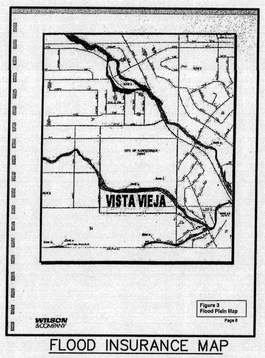
42" SD

5366

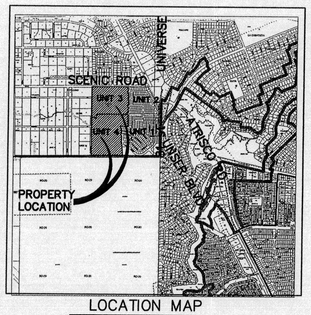
5375



SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY
PANEL 007



LOCATION MAP
ZONE ATLAS MAP NO. D-10

Site Location: Tract number Four of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

Existing Conditions: The existing topography slopes WE between 2% to 3%. The proposed development is found on FEMA flood insurance rate map number 3500020007 C (see Flood Map).

Review of available soils information indicated sandy soils of the Madurey–Wink (MWA) and Latene (LTB) Association. The description of this series is found in the USDA Natural Resources Conservation Service soil mapping of Bernalillo County (see Soils Map). The soils are well drained and subject to erosion. These moderately permeable soils overlay basalt rock that is 1–10 feet deep.

Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

N

GRAPHIC SCALE
50 0 25 50 100 200
SCALE: 1 INCH = 50 FT.

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

LEGEND
- RETAINING WALL
- HIGH POINT
- XX.XX — DIRECTION OF FLOW
- ℄ LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

AS–BUILT INFORMATION
CONTRACTOR
WORK COMPLETED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
CORRECTED BY
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STATION IS A 3 1/2" ALUMINIUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS B–C10, 1966". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
JESSE S. MADRID — NEW MEXICO — 15565 — REGISTERED PROFESSIONAL ENGINEER — 19

NO.	DATE	REMARKS	BY
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
		DESIGNED BY SJS	DATE NOV 05
		DRAWN BY STAFF	DATE NOV 05
		CHECKED BY RSM	DATE NOV 05

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348–4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV CONCEPTUAL 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
763384	D–9		

X:\Public\PROJECTS\X3218078–05\M\sheets\GD01.dwg 11/17/2005 10:40:06 AM MST

PLATE 5

MATCH LINE SEE PLATE 5

MATCH LINE SEE PLATE 7

UNPLATTED LAND

PILL BOX MANHOLE TO COLLECT OFFSITE FLOWS

VISTA VIEJA PHASE IV BOUNDARY

METE SOL DRIVE N.W.

HAWK EYE ROAD N.W.

WILD DUNES ROAD N.W.

MESA TOP ROAD N.W.

VISTA VIEJA BLVD. NW

PICTOR DRIVE N.W.

42" SD

1.62%

1.33%

1.45%

2.43%

1.94%

2.60%

0.60%

0.85%

0.87%

2.06%

0.67%

0.59%

VISTA VIEJA PHASE 2 COA #763382

VISTA VIEJA PHASE 1 COA #763381

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — TF LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

AS-BUILT INFORMATION

CONTRACTOR — DATE

WORK STAKED BY — DATE

CONSTRUCTION ACCEPTANCE BY — DATE

FIELD LOCATION BY — DATE

DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINIUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS B-C10, 1986". (NAD 1927).

X= 361860.83, Y= 1521476.37

ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

ROBERT S. MAYLANE — NEW MEXICO — 15688 — REGISTERED PROFESSIONAL ENGINEER — LICENSED

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS — DESIGNED BY SJS — DRAWN BY STAFF — CHECKED BY RSM — DATE NOV 05

WILSON & COMPANY

4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV
CONCEPTUAL GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 763384 | Zone Map No. D-9 | Sheet | Of

PLATE 6

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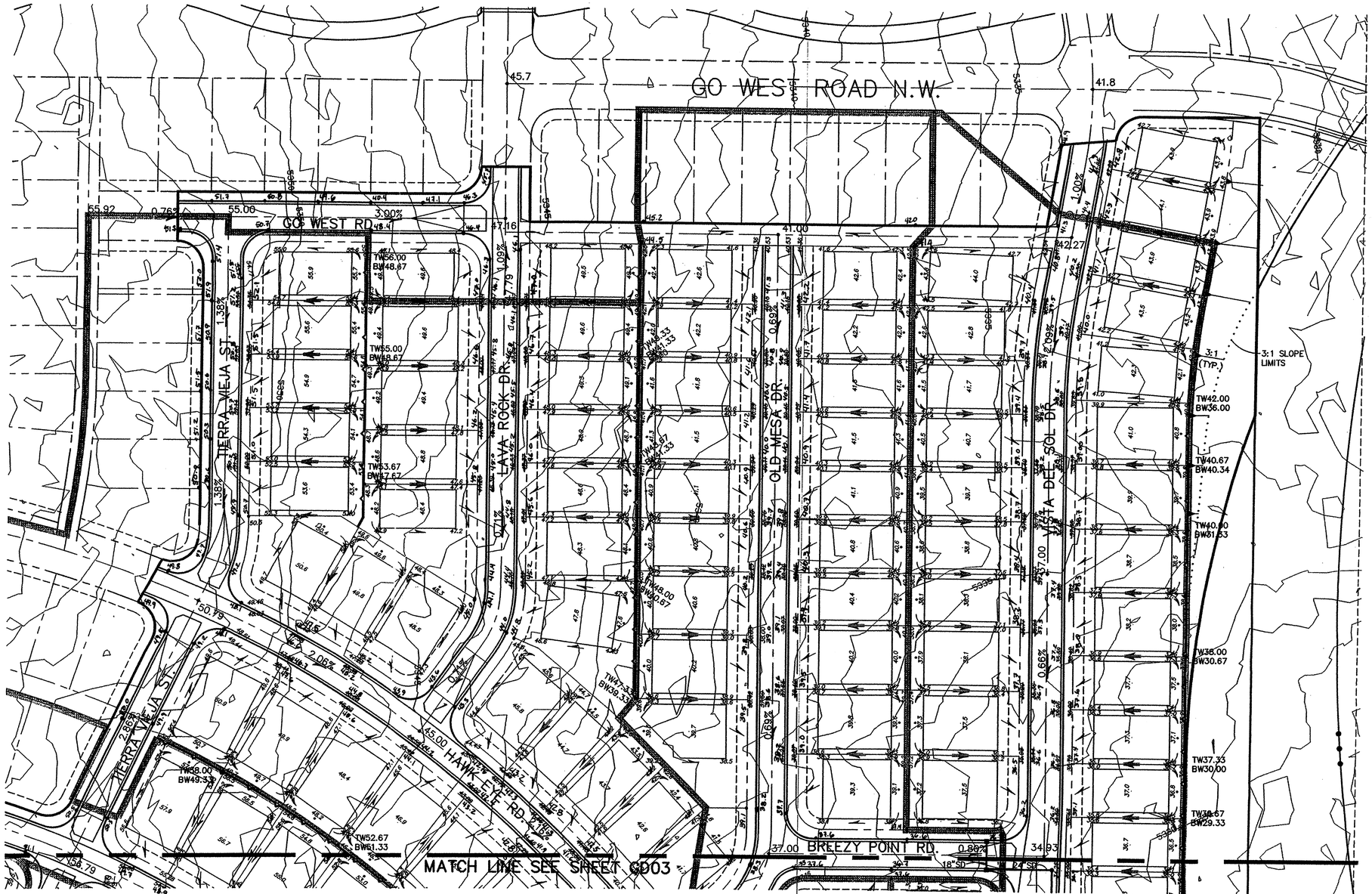
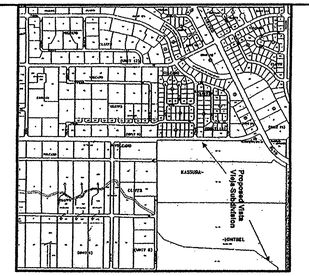
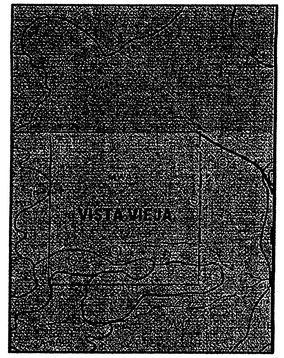
RECORD DRAWINGS





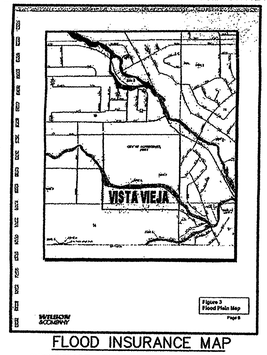
LOCATION MAP

ZONE ATLAS MAP NO. D-9



SOILS MAP

REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP

REFERENCE: FLOOD INSURANCE STUDY PANEL 007

NOTES:
1) SEE OFF-SITE EARTHEN CHANNEL DRAINAGE PLAN SHT. GD01
2) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

Site Location: Tracts 1A, 2A, 1B and 2B of The Land Division Plat for KASSUBA-MONTBEL LANDS in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

Existing Conditions: The existing topography slopes WE between 2% to 3%. The proposed development is found on FEMA flood insurance rate map number 3500020007 C (see Flood Map).

Review of available soils information indicated sandy soils of the Madurey-Wink (MWA) and Latene (LTB) Association. The description of this series is found in the USDA Natural Resources Conservation Service soil mapping of Bernalillo County (see Soils Map). The soils are well drained and subject to erosion. These moderately permeable soils overlay basalt rock that is 1-10 feet deep.

Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- xx.xx E LINE ELEVATION
- BASIN BOUNDARY
- TYPE DOUBLE C INLET

N

FOR INFORMATION ONLY

SCALE: 1 INCH = 50 FT.

WCEA #X3218078
MARCH 2005

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
Coleman Surveys, Inc.

BENCH MARKS
THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1985" (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

AS-BUILT INFORMATION
CONTRACTOR Sella Bros. CONST.
WORK PERFORMED BY Coleman Surveys Inc. DATE 1-14-06
INSPECTORS DATE
ACCEPTANCE BY Wilson & Co. Inc DATE 3/06
VERIFICATION BY Coleman Surveys, Inc.
CORRECTED BY Coleman Surveys, Inc.
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
NEW MEXICO 15555 REGISTERED PROFESSIONAL ENGINEER
ROBERT S. MCCLANE
10-06-05

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE MARCH 2005
DRAWN BY STAFF DATE MARCH 2005
CHECKED BY DSA DATE MARCH 2005

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 1
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

City Project No. 7633.81 | Zone Map No. D-9 | Sheet PLATE 3 Of 35

WILSON & COMPANY

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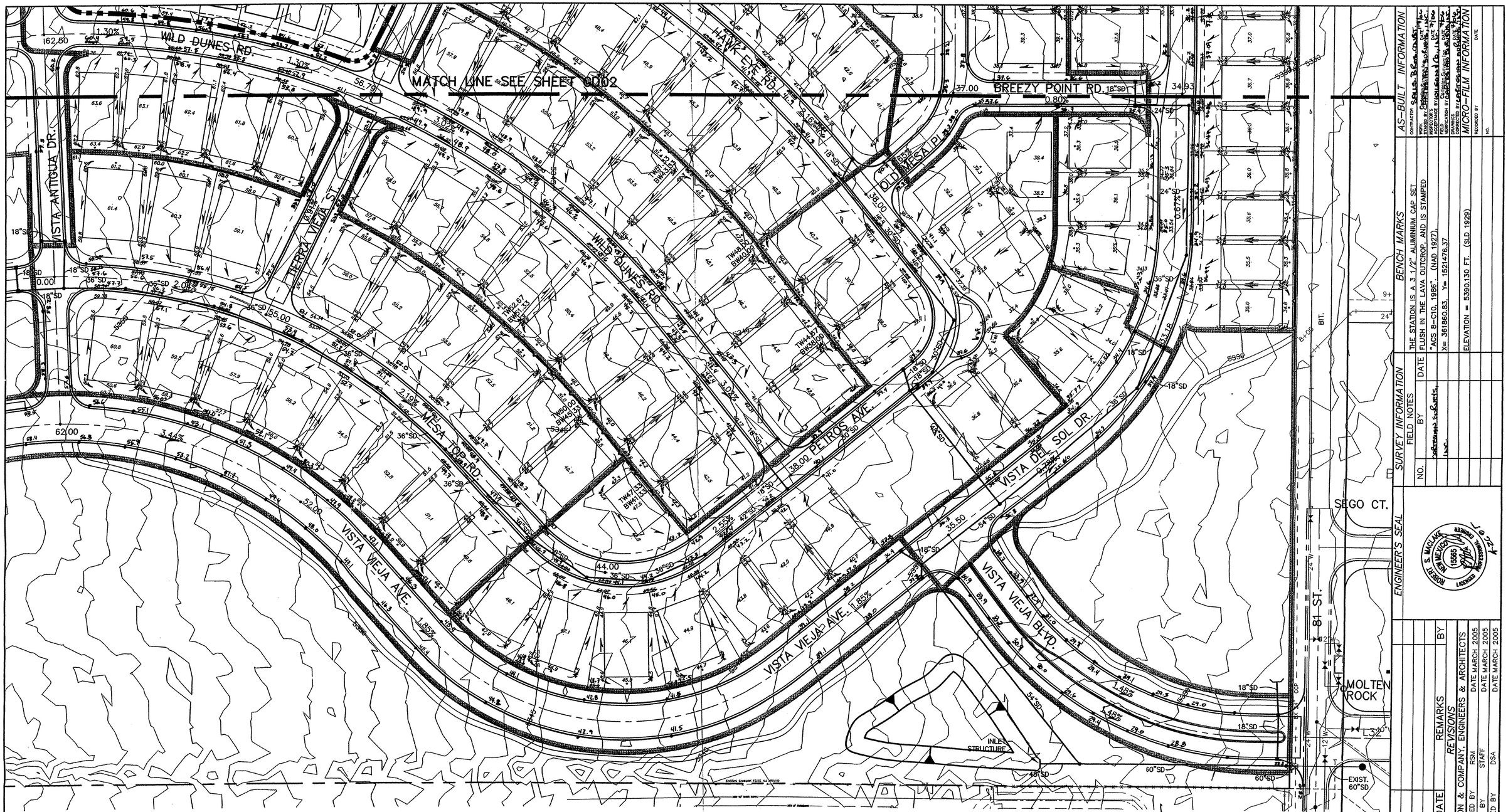
RECORD DRAWINGS



LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- xx.xx — ℄ LINE ELEVATION
- BASIN BOUNDARY
- TYPE SINGLE C INLET

NOTES:
1) SEE OFF SITE EARTHEN CHANNEL DRAINAGE PLAN SHT. GD01
2) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

N

FOR INFORMATION ONLY

SCALE: 1 INCH = 50 FT.

WCEA #X3218078
MARCH 2005

AS-BUILT INFORMATION

CONTRACTOR: Sous Bros. Const. Inc.
WORK STAKED BY: Jeffrey Sanchez, Inc.
ASSISTANCE BY: Jeffrey Sanchez, Inc.
FIELD LOCATION OF CONSTRUCTION BY: Jeffrey Sanchez, Inc.
DRAWINGS CORRECTED BY: Jeffrey Sanchez, Inc.
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES BY: Jeffrey Sanchez, Inc.
NO. | DATE

ENGINEER'S SEAL

ROBERT S. MACLAREN, NEW MEXICO, 15565, REGISTERED PROFESSIONAL ENGINEER
10-2024

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY: RSM — DATE MARCH 2005
DRAWN BY: STAFF — DATE MARCH 2005
CHECKED BY: DSA — DATE MARCH 2005

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 1
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

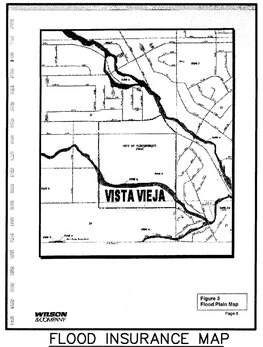
City Project No. XX7633.81 | Zone Map No. D-9 | Sheet PLATE 4 Of 7 OF 35

WILSON & COMPANY

X:\Public\PROJECTS\X3218078\M\Sheets\grading\8378GD03.dwg 4/20/2005 1:26:00 PM MDT

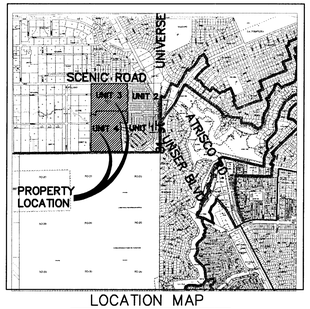
SOILS MAP

REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP

REFERENCE: FLOOD INSURANCE STUDY
PANEL 007



LOCATION MAP

ZONE ATLAS MAP NO. D-10

Site Location: Tract number Four of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

Existing Conditions: The existing topography slopes WE between 2% to 3%. The proposed development is found on FEMA flood insurance rate map number 3500020007 C (see Flood Map).

Review of available soils information indicated sandy soils of the Madurey-Wink (MWA) and Latene (LTB) Association. The description of this series is found in the USDA Natural Resources Conservation Service soil mapping of Bernalillo County (see Soils Map). The soils are well drained and subject to erosion. These moderately permeable soils overlay basalt rock that is 1-10 feet deep.

Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

N

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — ℄ LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
PUNCH LISTS — DATE
ACCEPTANCE BY — DATE
CERTIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1986". (NAD 1927).
Y= 361860.83, Y= 1521476.37

ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY SJS — DATE NOV 05
DRAWN BY STAFF — DATE NOV 05
CHECKED BY RSM — DATE NOV 05

WILSON &COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV 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
763384	D-9		

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MATCH LINE SEE PLATE 5

MATCH LINE SEE PLATE 7

UNPLATTED LAND

PILL BOX MANHOLE TO COLLECT OFFSITE FLOWS

VISTA VIEJA PHASE IV BOUNDARY

METE SOL DRIVE N.W.

HAWK EYE ROAD N.W.

PICTOR DRIVE N.W.

WILD DUNES ROAD N.W.

MESA TOP ROAD N.W.

VISTA VIEJA BLVD. NW

42" SD

12" SD

VISTA VIEJA PHASE 2 COA #763382

VISTA VIEJA PHASE 1 COA #763381

5390

5385

5375

5370

AS-BUILT INFORMATION

CONTRACTOR

WORK STAKED BY: DATE

CONSTRUCTION INSPECTION BY: DATE

ACCEPTANCE BY: DATE

FIELD VERIFICATION BY: DATE

DRAWINGS APPROVED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE

NO.

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1986". (NAD 1927).

X= 361860.83, Y= 1521476.37

ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

1-24-06

NO.	DATE	REMARKS
		REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS

DESIGNED BY SJS DATE NOV 05

DRAWN BY STAFF DATE NOV 05

CHECKED BY RSM DATE NOV 05

WILSON & COMPANY

4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

LEGEND

- RETAINING WALL
- HIGH POINT
- XX.XX
- DIRECTION OF FLOW
- ℄ LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

N

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV 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
763384	D-9		

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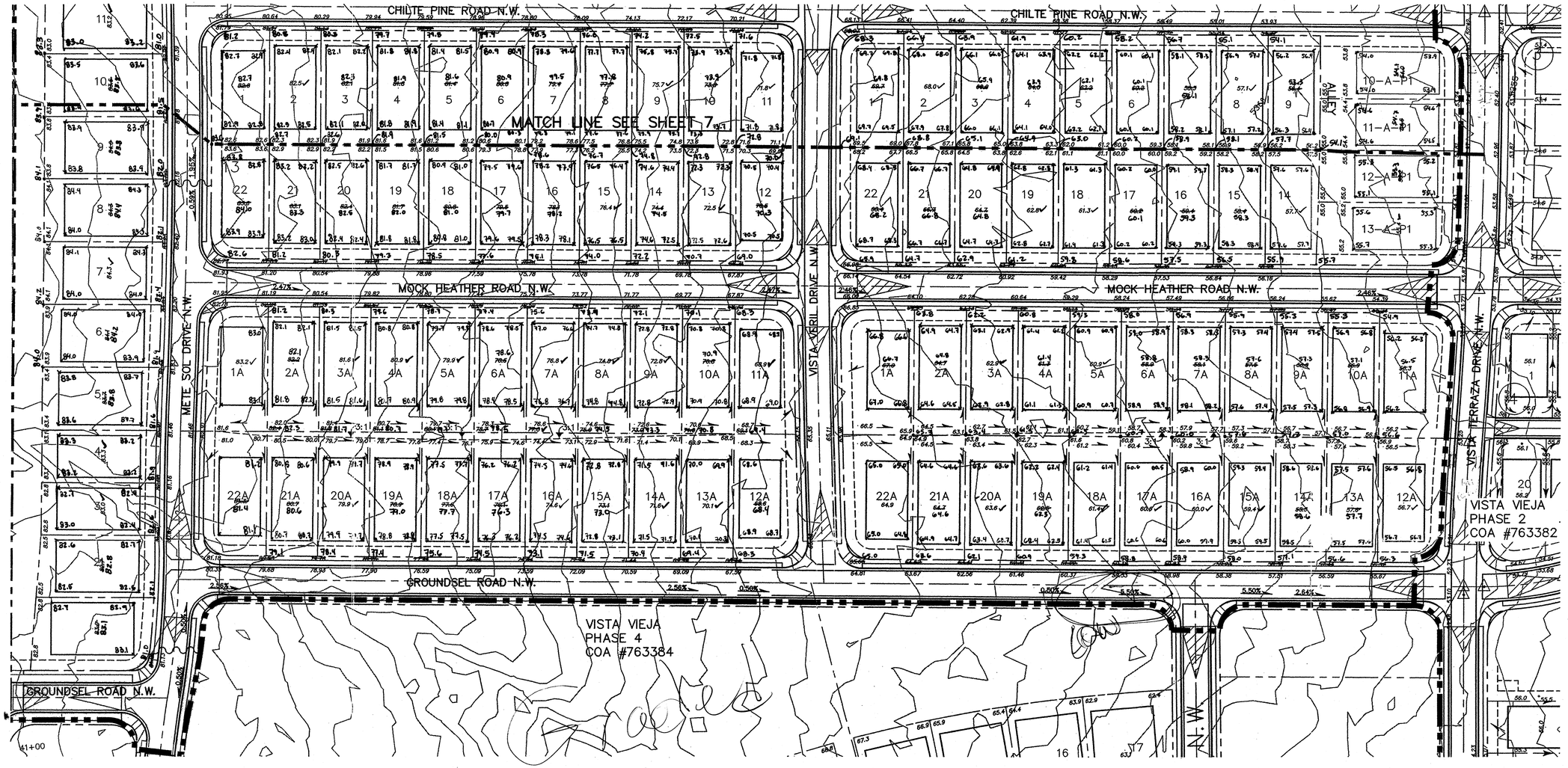
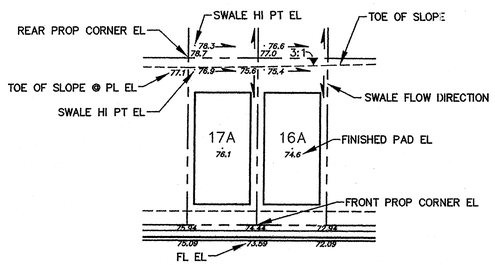
PLATE 6





TYPICAL LOT DRAINAGE DETAIL

SCALE: 1" = 50'

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37

ELEVATION = 5390.130 FT. (SLD 1929)

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTION'S RECEIVED BY — DATE
FIELD VERIFICATION BY — DATE
MARKUPS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS / REVISIONS	BY
1	8/1/08	REVISED GRADING BLOCKS 15 & 16 PER REPLAT	DSK/KKS

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM — DATE JAN 08
DRAWN BY RKS — DATE JAN 08
CHECKED BY RSM — DATE JAN 08

WILSON &COMPANY
4900 LANG AVENUE N.E.
SUITE 200
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 3
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY				

City Project No. 763383 | Zone Map No. D-9 | Sheet 1 Of 1

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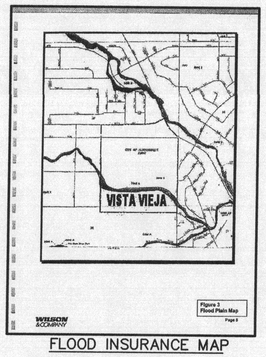
8A of 33

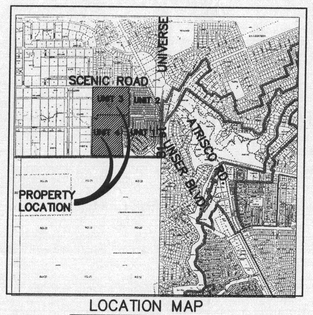
SOILS MAP

REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP

REFERENCE: FLOOD INSURANCE STUDY
PANEL 007



LOCATION MAP

ZONE ATLAS MAP NO. D-10

Site Location: Tract number Four of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

Existing Conditions: The existing topography slopes WE between 2% to 3%. The proposed development is found on FEMA flood insurance rate map number 3500020007 C (see Flood Map).

Review of available soils information indicated sandy soils of the Madurey-Wink (MWA) and Latene (LTB) Association. The description of this series is found in the USDA Natural Resources Conservation Service soil mapping of Bernalillo County (see Soils Map). The soils are well drained and subject to erosion. These moderately permeable soils overlay basalt rock that is 1-10 feet deep.

Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — E LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY: DATE
WORK ACCEPTANCE BY: DATE
AS-BUILTING BY: DATE
DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS 8-C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES BY: DATE
NO.

ENGINEER'S SEAL

ROBERT S MACLANE
NEW MEXICO
15555
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
		DESIGNED BY RSM	DECEMBER 06 DATE
		DRAWN BY STAFF	DECEMBER 06 DATE
		CHECKED BY RSM	DECEMBER 06 DATE

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

City Project No. 763384 | Zone Map No. D-9 | Sheet 7 Of 35

RECEIVED
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HYDROLOGY SECTION

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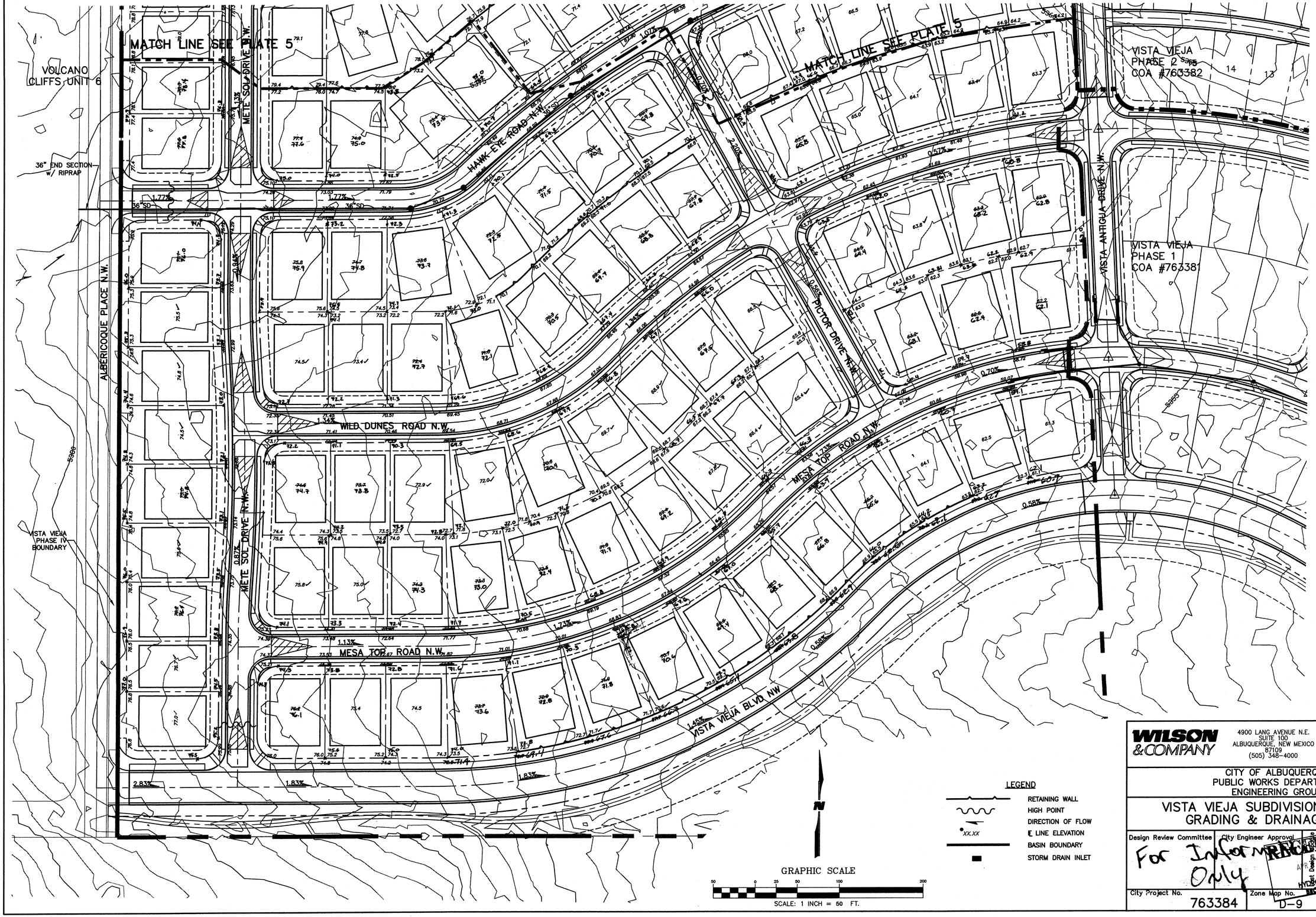

LEGEND

- RETAINING WALL
- HIGH POINT
- DIRECTION OF FLOW
- XX.XX — E. LINE ELEVATION
- BASIN BOUNDARY
- STORM DRAIN INLET

GRAPHIC SCALE

50 0 25 50 100 200

SCALE: 1 INCH = 50 FT.

AS-BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY: — DATE
ACCEPTANCE BY: — DATE
VERIFICATION BY: — DATE
DRAWINGS CORRECTED BY: — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

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X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

ROBERT S. MAGLIOLI — NEW MEXICO — 15685 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		WILSON & COMPANY, ENGINEERS & ARCHITECTS	
		DESIGNED BY RSM	DECEMBER 06 DATE
		DRAWN BY STAFF	DECEMBER 06 DATE
		CHECKED BY RSM	DECEMBER 06 DATE

WILSON & COMPANY
4900 LANG AVENUE N.E.
SUITE 100
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE IV GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.
For Information Only			

RECEIVED
APR 07 2009
Hydrology Section

City Project No.	Zone Map No.	Sheet	Of
763384	D-9	8	35

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RECORD DRAWINGS

BOUVARDIA AVE.
CHILTE PINE RD.
MOCK HEATHER RD.
VISTA DEL SOL DR.
VISTA TERRAZA DR.
SCENIC ROAD
UNIVERSE
ATRISCO RD.
81st ST.
UNSER BLVD.
PROPERTY LOCATION
CHAIN LINK FENCE
POWER PEDESTAL
MATCH LINE SEE SHEET PLATE 4

LOCATION MAP
ZONE ATLAS MAP NO. D-9

VISTA VIEJA

SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY

FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY PANEL 007

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

LEGEND

- RETAINING WALL
- HIGH POINT/LOW POINT
- DIRECTION OF FLOW
- xx.xx E LINE ELEVATION
- BASIN BOUNDARY
- TYPE SINGLE "C" INLET

SCALE: 1 INCH = 50 FT.

Site Location: Tract number Two of BULK LAND PLAT OF VISTA VIEJA in North West Albuquerque which is bounded by Scenic Drive to the north, 81st Street to the east, open space to the south, and Albericoque Place to the west as shown in the Vicinity Map.

Methodology: Section 22.2 of the City of Albuquerque DPM was followed to calculate the design volume. The Vista Vieja Drainage Report was referenced in design.

Existing Conditions: The existing topography slopes WE between 2% to 3%. The proposed development is found on FEMA flood insurance rate map number 3500020007 C (see Flood Map).

Review of available soils information indicated sandy soils of the Madurey-Wink (MWA) and Latene (LTB) Association. The description of this series is found in the USDA Natural Resources Conservation Service soil mapping of Bernalillo County (see Soils Map). The soils are well drained and subject to erosion. These moderately permeable soils overlay basalt rock that is 1-10 feet deep.

Proposed Conditions: The purpose of this Grading & Drainage Plan is to secure grading permit of temporary drainage facilities for Phase 1 of the Vista Vieja Development. This Grading and Drainage Plan complies with the Vista Vieja Drainage Report, dated October 2004.

WCEA #X3218078
JULY 2005

AS-BUILT INFORMATION
CONTRACTOR
STAKED BY: Cartesian Surveys Inc. DATE 2007
INSPECTED BY: Wilson & Co. DATE 11/07
FIELD VERIFICATION BY: Cartesian Surveys Inc. DATE 2007
DRAWING MARKED CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
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ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO 12531 REGISTERED PROFESSIONAL ENGINEER
ROBERT S. MACLAMET

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE JULY 2005
DRAWN BY STAFF DATE JULY 2005
CHECKED BY RSM DATE JULY 2005

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 2
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

City Project No.	Zone Map No.	Sheet	Of
763382	D-9	7	44

WILSON & COMPANY

RECORD DRAWING
DATE 11/07

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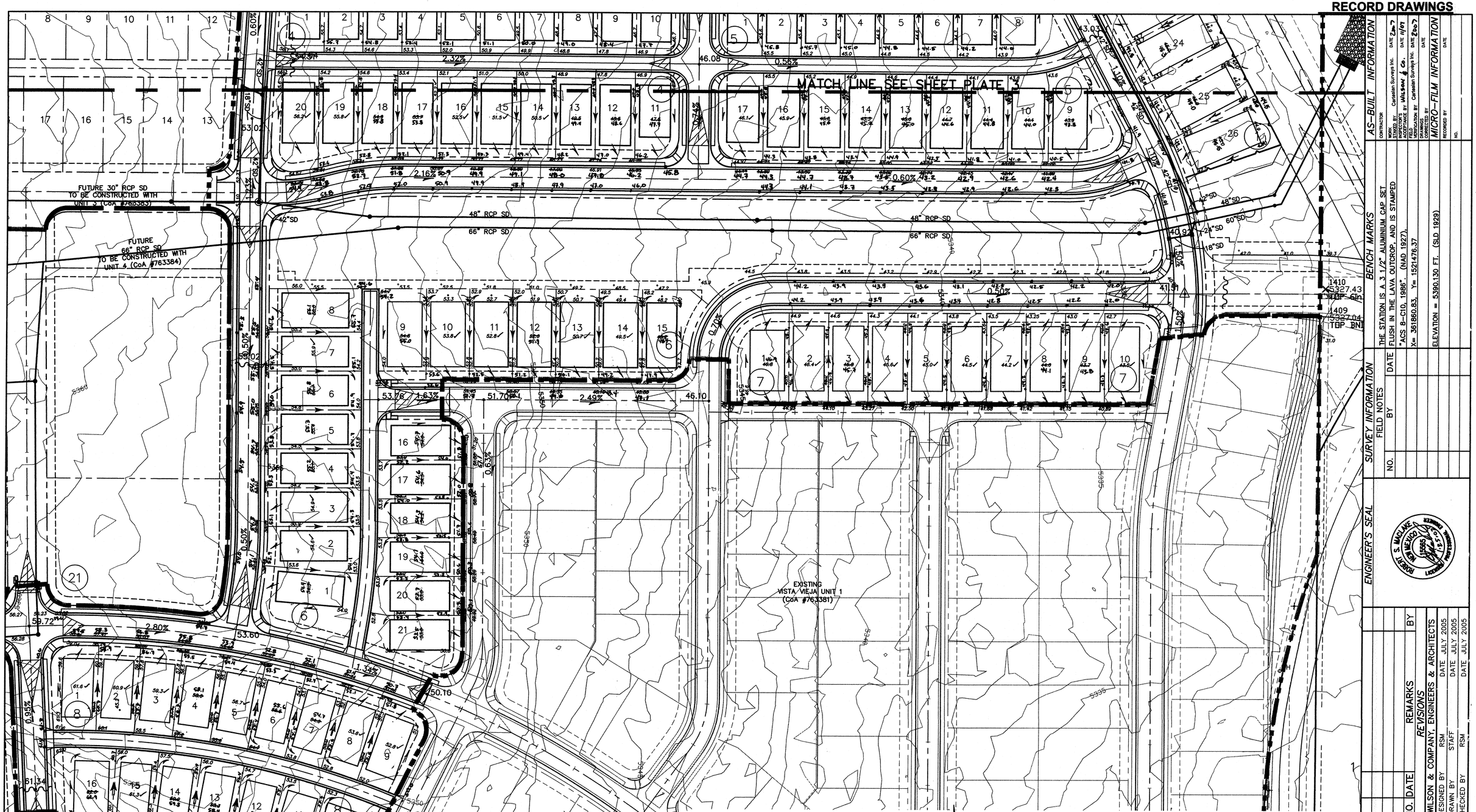
RECORD DRAWINGS



AS-BUILT INFORMATION

CONTRACTOR
WORK NOTICED BY:
INSPECTOR'S ACCEPTANCE BY: Carlsbad Surveys Inc. DATE 2-27
FIELD VERIFICATION BY: Carlsbad Surveys Inc. DATE 11/07
FIELD VERIFICATION BY: Carlsbad Surveys Inc. DATE 2-27
PLANS CORRECTED BY: DATE
MICRO-FILM INFORMATION
RECORDED BY
NO.

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X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

SURVEY INFORMATION

FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL

ROBERT S. MACLANE — NEW MEXICO — 12781 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE JULY 2005
DRAWN BY STAFF DATE JULY 2005
CHECKED BY RSM DATE JULY 2005

LEGEND

- RETAINING WALL
- HIGH POINT/LOW POINT
- DIRECTION OF FLOW
- xx.xx — E.L. LINE ELEVATION
- BASIN BOUNDARY
- TYPE SINGLE C INLET

SCALE: 1 INCH = 50 FT.

NOTES:
1) SPOT ELEVATION IN CENTER OF PAD IS FINISHED PAD ELEVATION

WCEA #X3218078
JULY 2005

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA SUBDIVISION PHASE 2
GRADING AND DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
For Information Only				

City Project No.	Zone Map No.	Sheet	Of
763382	D-9	8	44

WILSON & COMPANY

RECORD DRAWING
DATE 11/07

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