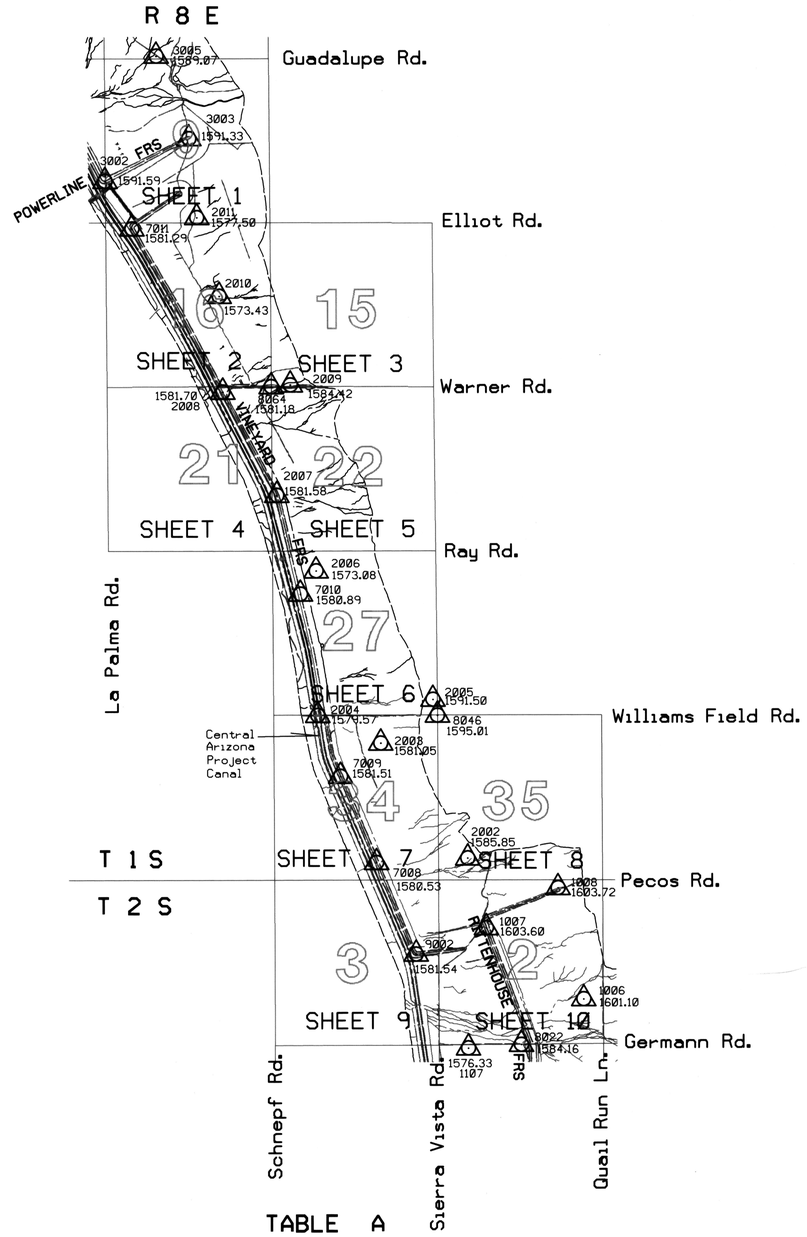



# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

F.C.D. CONTRACT NO. FCD 93-51

### LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

### PRIMARY CONTROL POINTS

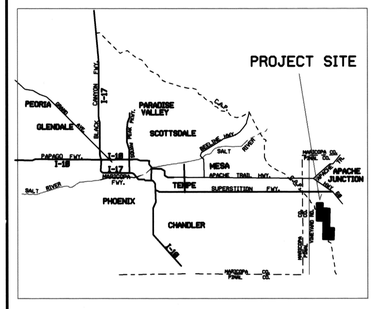
NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION

SEE TABLE A

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Exp. Sept. 30, 95 ARIZONA U.S.A.

INDEX MAP




2000 0' 2000 4000

SCALE: 1" = 2000'

CONTOUR INTERVAL = 2 FEET

## TABLE A

| | | |
|---|---|---|
| 1107 | 1576.33 | Set ½" rebar (flush) approximately 1900' West of Rittenhouse structure and 150' South of Section line fence between Sections 2 & 11, T2S, R8E. |
| 1006 | 1601.10 | Set 60d nail (flush) in the Southeast ¼ of Section 2, T2S, R8E approximately 1300' North and 600' West of Section Corner 1, 2, 11 & 12, T2S, R8E. |
| 1007 | 1603.60 | Found BC in concrete marked "A-16, RR 2.86" on the West edge of the trail atop Rittenhouse structure at Station 190+00. Aerial Target is 0.65' above BC. |
| 1008 | 1603.72 | Set ½" rebar (flush) at Northeast end of Rittenhouse structure. |
| 8022 | 1584.16 | Set 60d nail (flush) 5.0' North of GLO BC for the Quarter Corner between Sections 2 & 11, T2S, R8E. |
| 9002 | 1581.54 | Found BC in concrete marked "PECOS" at the Southwest corner of the Vineyard structure. |
| 2002 | 1585.85 | Set ½" rebar (flush) in the Southwest ¼ of Section 35, T1S, R8E approximately 1700' North of the Northwest corner of the Rittenhouse structure. |
| 2003 | 1581.05 | Set ½" rebar (flush) in the Northeast ¼ of Section 34, T1S, R8E approximately 1800' West-southwest of the Northeast Corner of Section 34, T1S, R8E. |
| 2004 | 1579.57 | Found bolt in concrete on structure crossing CAP canal along the section line road between Sections 27 & 34, T1S, R8E. |
| 2005 | 1591.50 | Set 60d nail (flush) approximately 500' North of the Northeast Corner of of Section 34, T1S, R8E. |
| 2006 | 1573.08 | Set 60d nail approximately 600' East of the Vineyard structure in the Northwest ¼ of Section 27, T1S, R8E. Point is +/-850' North-northeast of Station 220+00. |
| | 1581.58 | Set 60d nail (flush) on East edge of trail atop Vineyard structure adjacent to BC marked "A-19" at Station 270+00. Point is 0.65' above BC. |
| 2008 | 1581.70 | Set 60d nail (flush) in trail atop Vineyard structure +/-150' South of gate along Section line between Sections 16 & 21, T1S, R8E. |
| 2009 | 1584.42 | Set 60d nail (flush) +/-60' North of trail & fence along Section line between Sections 15 & 22, T1S, R8E. Point is approximately 600' East of the Southwest corner of Section 15. |
| 2010 | 1573.43 | Set 60d nail (flush) along the approximate East-West midsection line of Section 16, T1S, R8E. Point is +/-1300' East of the top of the Vineyard structure. |
| 2011 | 1577.50 | Set ½" rebar (flush) +/-500' South-Southwest of the end of the levee at the Northeast end of the Vineyard structure. |
| 8046 | 1595.01 | Found GLO BC (+0.6) for Section Corner 26, 27, 34 & 35, T1S, R8E. |
| 8064 | 1581.18 | Found GLO BC (+1.05') for Section Corner 15, 16, 21 & 22, T1S, R8E. |
| 3002 | 1591.59 | Set 60d nail (flush) on South edge of trail atop Powerline structure at the Southwest corner of the structure. |
| 3003 | 1591.33 | Set ½" rebar (flush) on level ground at the Southeast end of the Powerline structure. |
| 3005 | 1589.07 | Set 60d nail (flush) +/-50' South of trail running Northwest to Southeast through Sections 5 and 4 and approximately 900' Northwest of large stock tank near the South ¼ Corner of Section 4, T1S, R8E. |
| 7008 | 1580.53 | Set 60d nail (flush) 5.0' East and 0.5' above BC in concrete marked "A-5" atop Vineyard structure at Station 130+00. |
| 7009 | 1581.51 | Set 60d nail (flush) 4.0' East and 0.6' above BC in concrete marked "A-8" atop Vineyard structure at Station 160+00. |
| 7010 | 1580.89 | Set 60d nail (flush) 4.0' East and 0.8' above BC in concrete marked "A-14" atop Vineyard structure at Station 220+00. |
| 7011 | 1581.29 | Set 60d nail (flush) 7.0' East and 1.1' above BC in Concrete marked "A-27" atop Vineyard structure at Station 350+00. Point is at Northwest corner of the Vineyard structure. |

CENTRAL FILES
DRAWER # 320

VINEYARD FRS
ELEVATION CAPACITY CURVE-AERIAL
TOPO'S BY MCLAIN HARBERS
FCD 93-51
320

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

## McLAIN HARBERS CO., INC

| DESIGN | BY - | DATE - |
|---|---|---|
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

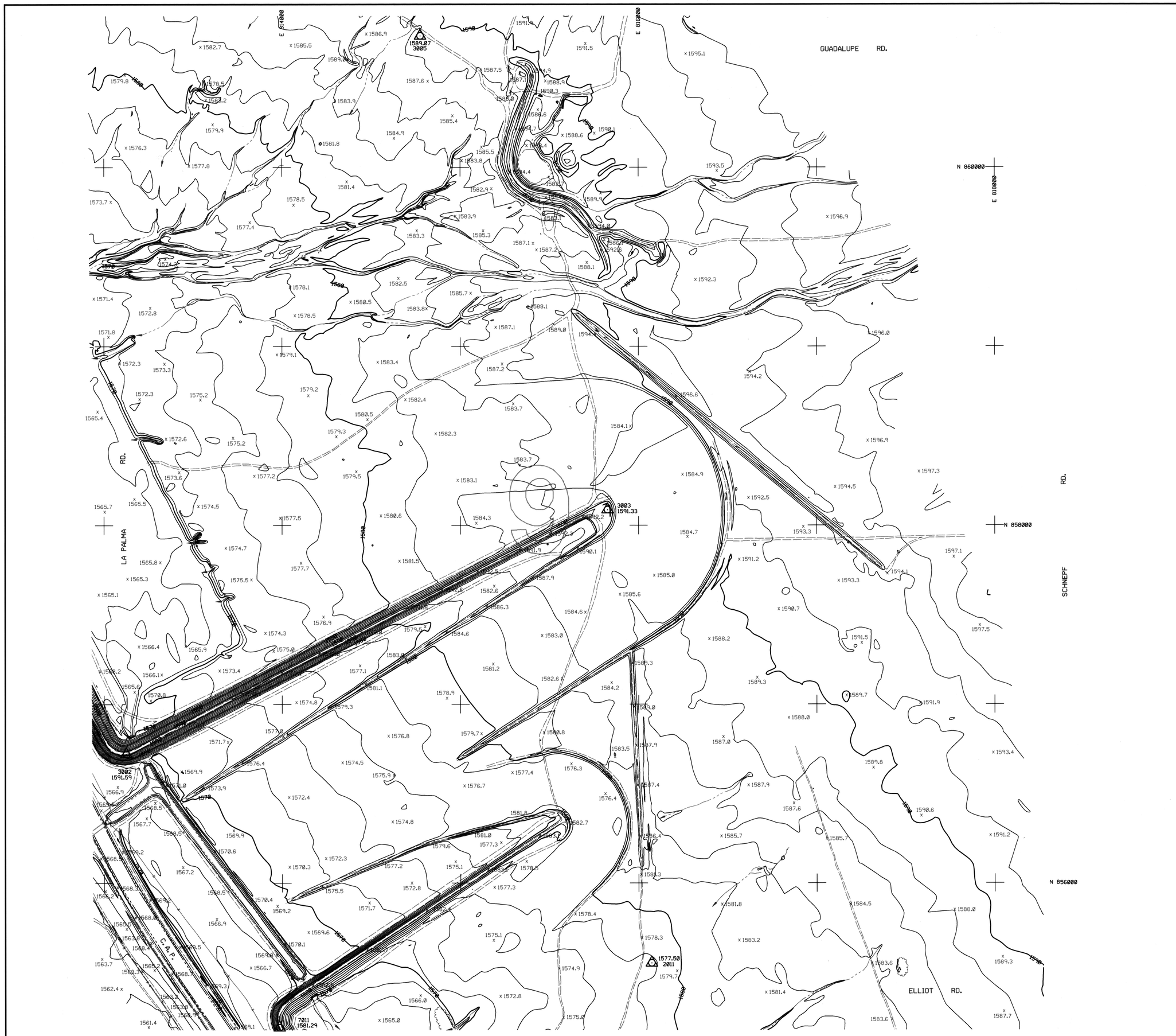
RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET INDEX

ADM-MRB REV. DEC. 18, 1991




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

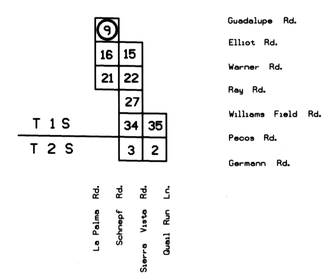
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2011 | 1577.50 | Set ½" rebar (flush) +/-500' South-Southwest of the end of the levee at the Northeast end of the Vineyard structure. |
| 3002 | 1591.59 | Set 60d nail (flush) on South edge of trail atop Powerline structure at the Southwest corner of the structure. |
| 3003 | 1591.33 | Set ½" rebar (flush) on level ground at the Southeast end of the Powerline structure. |
| 3005 | 1589.07 | Set 60d nail (flush) +/-50' South of trail running Northwest to Southeast through Section 5 and 4 and approximately 900' Northwest of large stock tank near the South ¼ Corner of Section 4, T1S, R8E. |
| 7011 | 1581.29 | Set 60d nail (flush) 7.0' East and 1.1' above BC in Concrete marked "A-27" atop Vineyard structure at Station 350+00. Point is at Northwest corner of the Vineyard structure. |

## NOTES

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 26401
LEE HARBERS
Date Signed 10-20-95

## INDEX MAP

Map Sheet 1 represents Section 9, T1S, R8E




SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |
| SUBMITTED BY: | | DATE: |

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

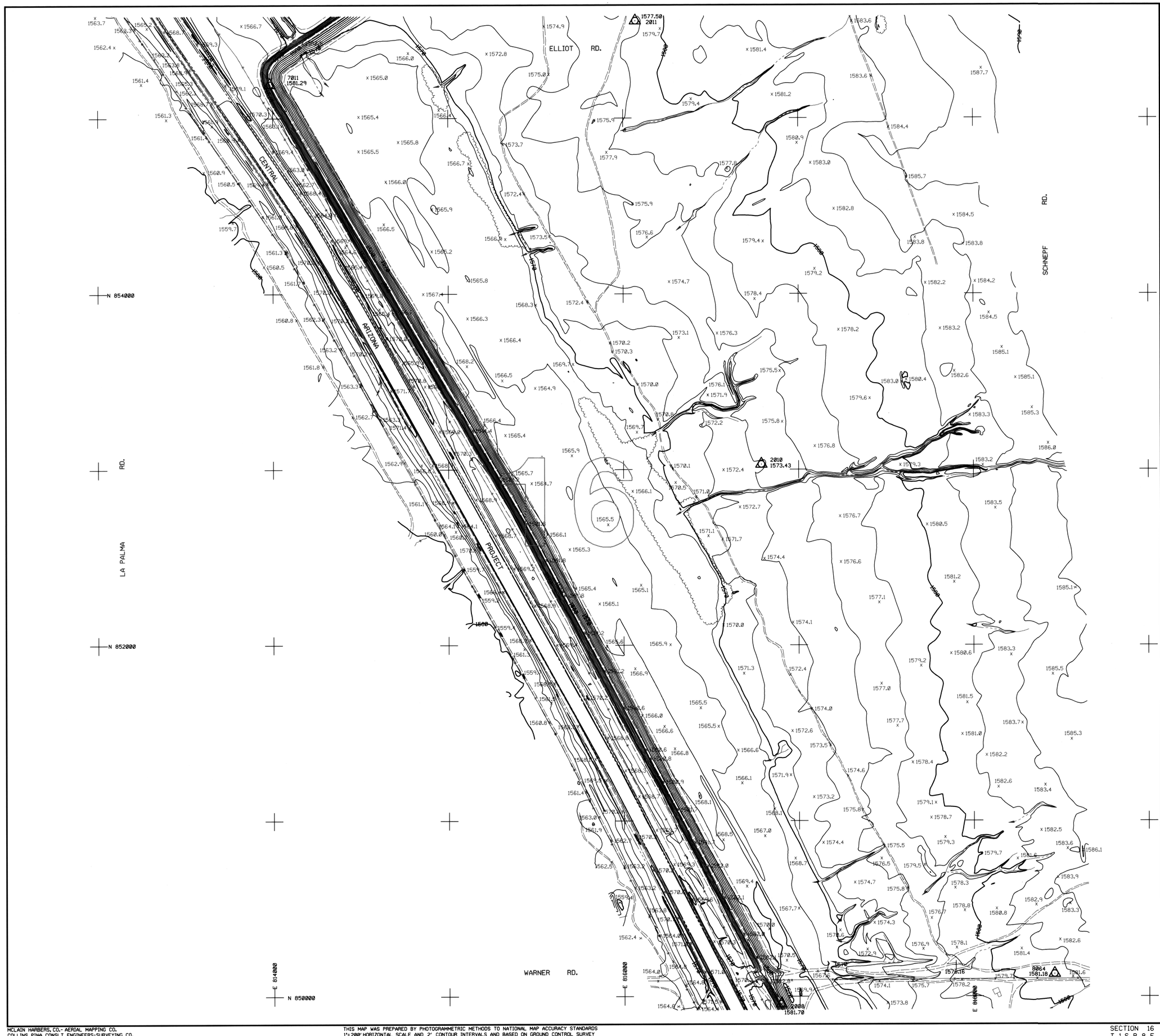
SHEET 1 OF 10

ADM.498 REV. DEC. 18, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 9
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2008 | 1581.70 | Set 60d nail (flush) in trail atop Vineyard structure +/-150' South of gate along Section line between Sections 16 & 21. T1S. R8E. |
| 2010 | 1573.43 | Set 60d nail (flush) along the approximate East-West midsection line of Section 16. T1S. R8E. Point is +/- 1300' East of the top of the Vineyard structure. |
| 2011 | 1577.50 | Set 1/2" rebar (flush) +/-500' South-Southwest of the end of the levee at the Northeast end of the Vineyard structure. |
| 8064 | 1581.18 | Found GLO BC (+1.05') for Section Corner 15, 16, 21 & 22, T1S, R8E. |
| 7011 | 1581.29 | Set 60d nail (flush) 7.0' East and 1.1' above BC in Concrete marked "A-27" atop Vineyard structure at Station 350+00. Point is at Northwest corner of the Vineyard structure. |

## NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 10-18-91 ARIZONA U.S.A.

## INDEX MAP

Map Sheet 2 represents Section 16, T1S, R8E

R 8 E

| | | |
|---|---|---|
| | 9 | |
| | 16 | 15 |
| | 21 | 22 |
| | | 27 |
| T 1 S | | 34 35 |
| T 2 S | | 3 2 |

Guadalupe Rd.
Elliot Rd.
Warner Rd.
Ray Rd.
Williams Field Rd.
Pecos Rd.
Germann Rd.

La Palma Rd. Schnepf Rd. Sierra Vista Rd. Quail Run Ln.

200 0' 200 400
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE
APPROVED BY: DATE
CHIEF ENGINEER AND GENERAL MANAGER

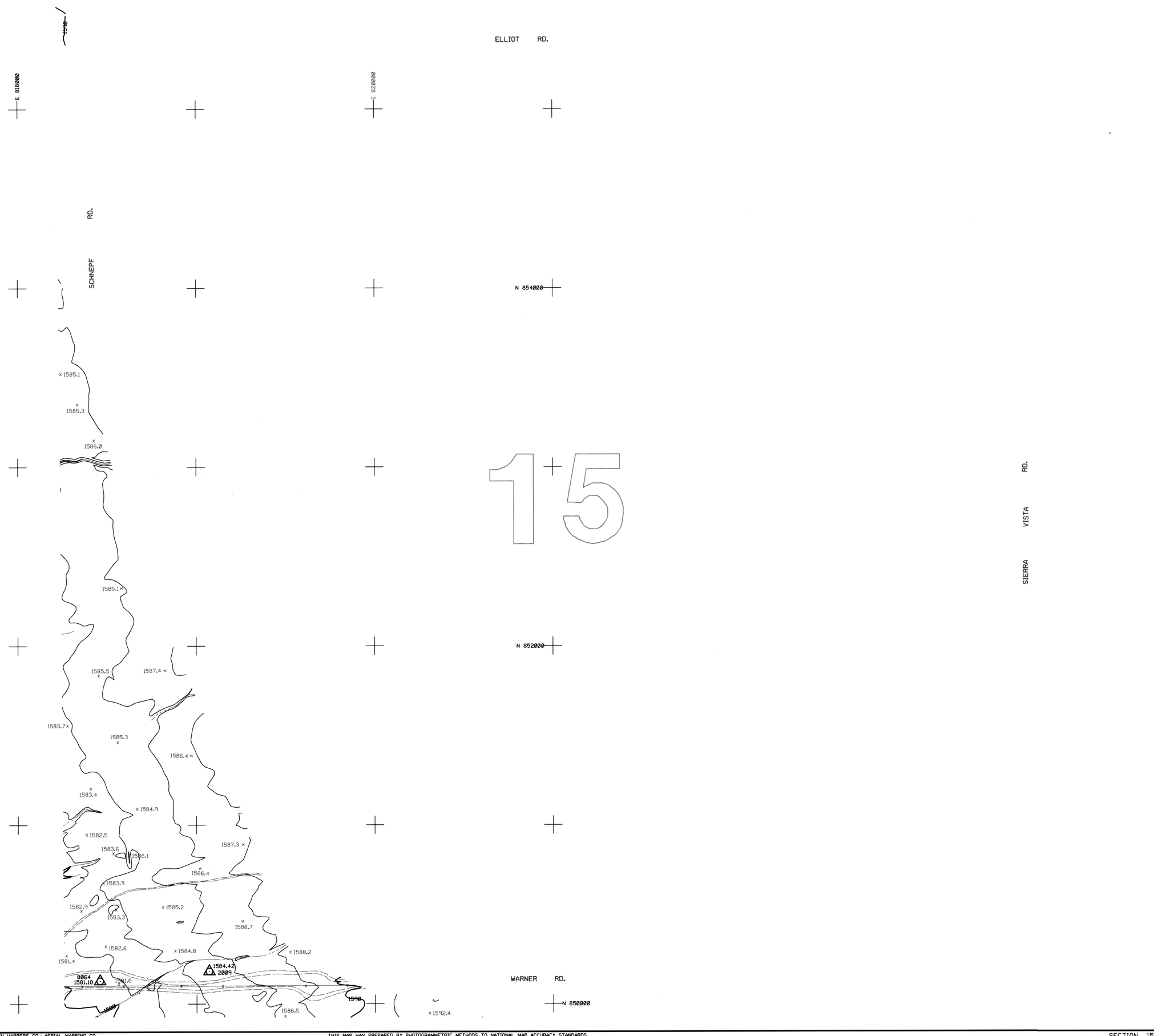
SHEET 2 OF 10

ADM.MRG REV. DEC. 18, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 16
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

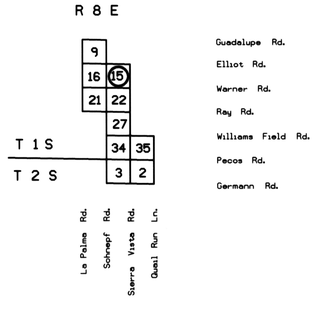
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2009 | 1584.42 | Set 60d nail (flush) +/-60' North of trail & fence along Section line between Sections 15 & 22, T1S, R8E. Point is approximately 600' East of the Southwest corner of Section 15. |
| 8064 | 1581.18 | Found GLO BC (+1.05') for Section Corner 15, 16, 21 & 22, T1S, R8E. |

## NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 2-20-95 ARIZONA U.S.A.

## INDEX MAP

Map Sheet 3 represents Section 15, T1S, R8E




200 0' 200 400

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

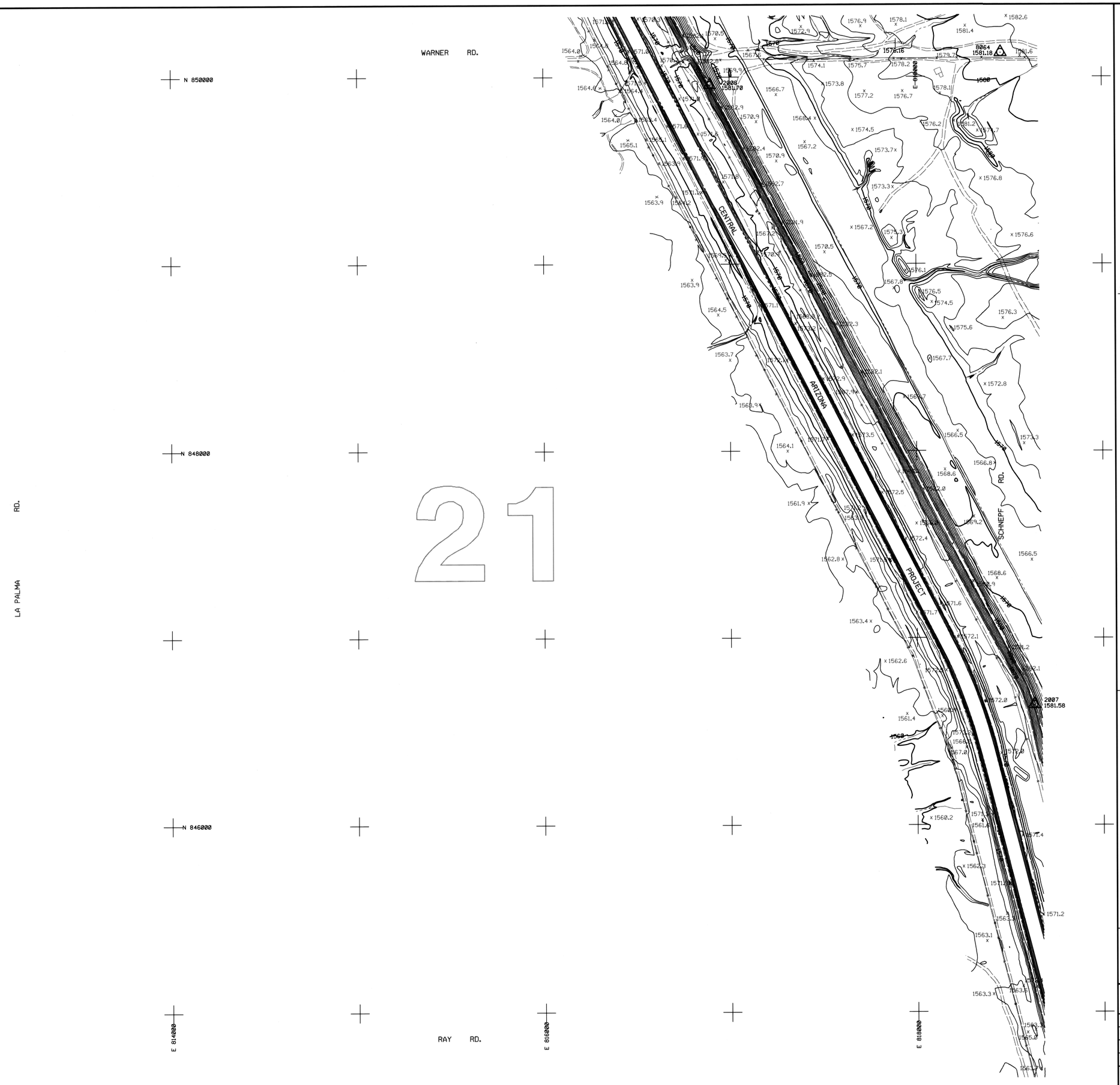
SHEET 3 OF 10

ADM.MRB REV. DEC. 10, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 15
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2007 | 1581.58 | Set 60d nail (flush) on East edge of trail atop Vineyard structure adjacent to BC marked "A-19" at Station 270+00. Point is 0.65' above BC. |
| 2008 | 1581.70 | Set 60d nail (flush) in trail atop Vineyard structure +/-150' South of gate along Section line between Sections 16 & 21, T1S, R8E. |
| 8064 | 1581.18 | Found GLO BC (+1.05') for Section Corner 15, 16, 21 & 22, T1S, R8E. |

## NOTES

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 26611
IN THE
HARBERS
STATE OF ARIZONA
6-30-95

## INDEX MAP

Map Sheet 4 represents Section 21, T1S, R8E

R 8 E

T 1 S

T 2 S

9
16 15
21 22
27
34 35
3 2

Guadalupe Rd.
Elliot Rd.
Warner Rd.
Ray Rd.
Williams Field Rd.
Pecos Rd.
Germann Rd.

La Palma Rd.
Schnepf Rd.
Sierra Vista Rd.
Quail Run Ln.

200 0' 200 400
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |
| SUBMITTED BY: | | DATE: |

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

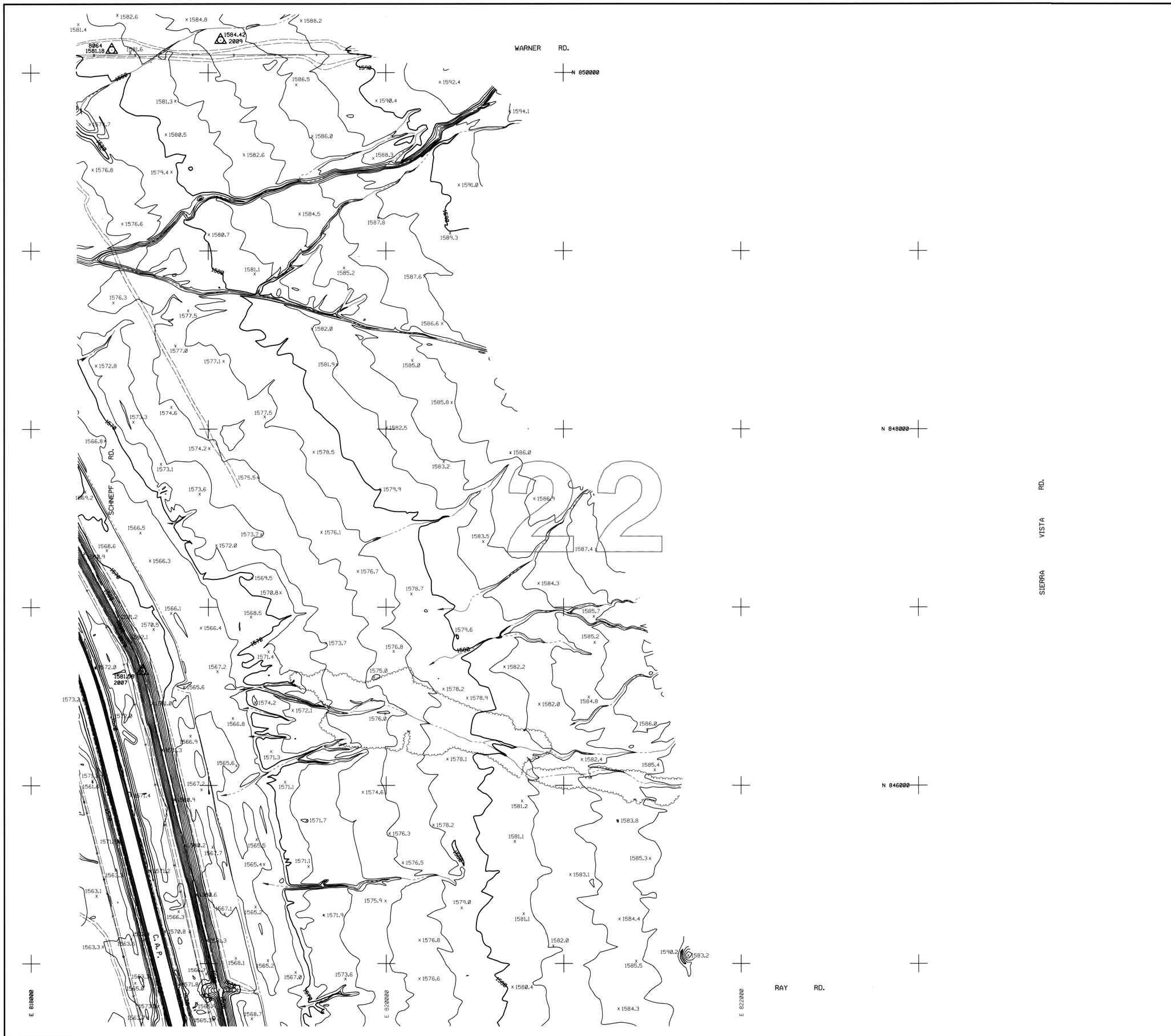
SHEET 4 OF 10

ADM-MRB REV. DEC. 18, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 21
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88
(NORTH AMERICAN VERTICAL DATUM 1988)

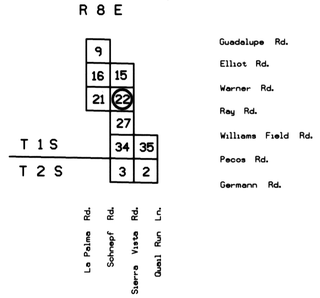
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2007 | 1581.58 | Set 60d nail (flush) on East edge of trail atop Vineyard structure adjacent to BC marked "A-19" at Station 270+00. Point is 0.65' above BC. |
| 2009 | 1584.42 | Set 60d nail (flush) +/-60' North of trail & fence along Section line between Sections 15 & 22, T1S, R8E. Point is approximately 600' East of the Southwest corner of Section 15. |
| 8064 | 1581.18 | Found GLO BC (+1.05') for Section Corner 15, 16, 21 & 22, T1S, R8E. |

## NOTES

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
26401
LEE
HARBERS
Date Signed 6-26-95
ARIZONA U.S.A.

## INDEX MAP

Map Sheet 5 represents Section 22, T1S, R8E




200 0' 200 400
SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

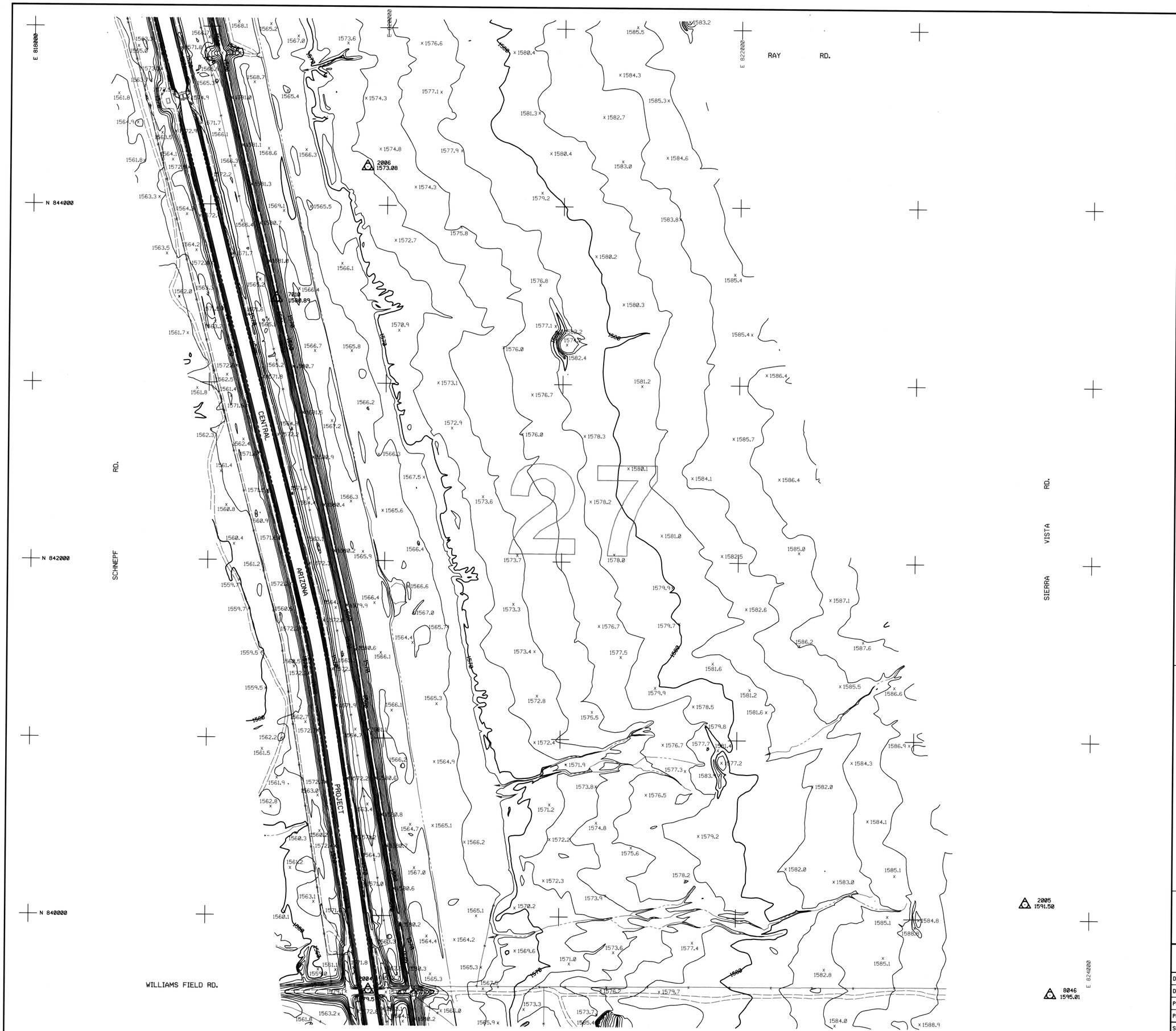
| | BY | DATE | |
|---|---|---|---|
| DESIGN | - | - | FLOOD CONTROL DISTRICT OF MARICOPA COUNTY |
| DESIGN CHK. | - | - | RECOMMENDED BY: DATE |
| PLANS | - | - | APPROVED BY: DATE |
| PLANS CHK. | - | - | CHIEF ENGINEER AND GENERAL MANAGER |
| SUBMITTED BY: DATE: | | | SHEET 5 OF 10 |

REV. DEC. 18, 1991
ADM-MRB

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 22
T 1S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

### LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

### PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

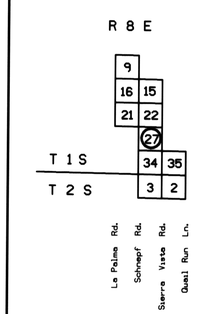
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2004 | 1579.57 | Found bolt in concrete on structure crossing CAP canal along the section line road between Sections 27 & 34, T1S, R8E. |
| 2005 | 1591.50 | Set 60d nail (flush) approximately 500' North of the Northeast Corner of of Section 34, T1S, R8E. |
| 2006 | 1573.08 | Set 60d nail approximately 600' East of the Vineyard structure in the Northwest ¼ of Section 27, T1S, R8E. Point is +/-850' North-northeast of Station 220+00. |
| 8046 | 1595.01 | Found GLO BC (+0.6) for Section Corner 26, 27, 34 & 35, T1S, R8E. |
| 7010 | 1580.89 | Set 60d nail (flush) 4.0' East and 0.8' above BC in concrete marked "A-14" atop Vineyard structure at Station 220+00. |

### NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS ARIZONA U.S.A.

### INDEX MAP

Map Sheet 6 represents Section 27, T1S, R8E




200 0' 200 400

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| DESIGN | BY - | DATE - |
|---|---|---|
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |
| SUBMITTED BY: | | DATE: |

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 6 OF 10

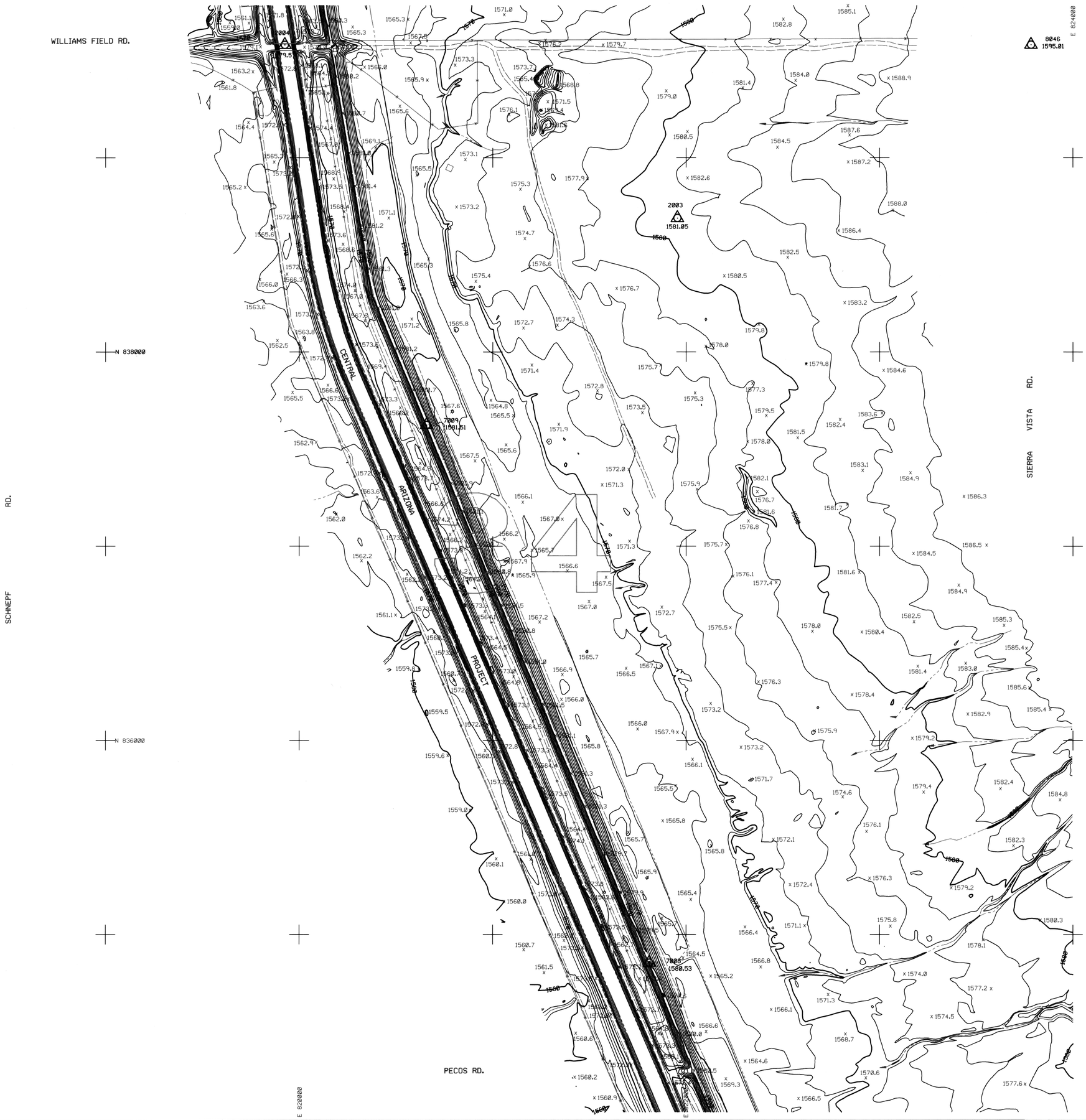
REV. DEC. 18, 1991

ADM.MRB

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 27
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

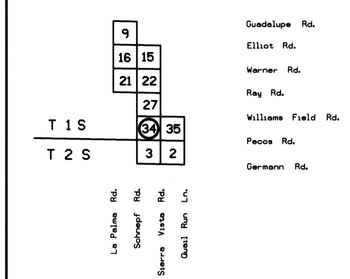
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2003 | 1581.05 | Set 1/2" rebar (flush) in the Northeast 1/4 of Section 34, T1S, R8E approximately 1800' West-southwest of the Northeast Corner of Section 34, T1S, R8E. |
| 2004 | 1579.57 | Found bolt in concrete on structure crossing CAP canal along the section line road between Sections 27 & 34, T1S, R8E. |
| 7008 | 1580.53 | Set 60d nail (flush) 5.0' East and 0.5' above BC in concrete marked "A-5" atop Vineyard structure at Station 130+00. |
| 7009 | 1581.51 | Set 60d nail (flush) 4.0' East and 0.6' above BC in concrete marked "A-8" atop Vineyard structure at Station 160+00. |
| 8046 | 1595.01 | Found GLO BC (+0.6) for Section Corner 26, 27, 34 & 35, T1S, R8E. |

## NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 4-30-96 ARIZONA U.S.A.

## INDEX MAP

Map Sheet 7 represents Section 34, T1S, R8E




200 0' 200 400

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

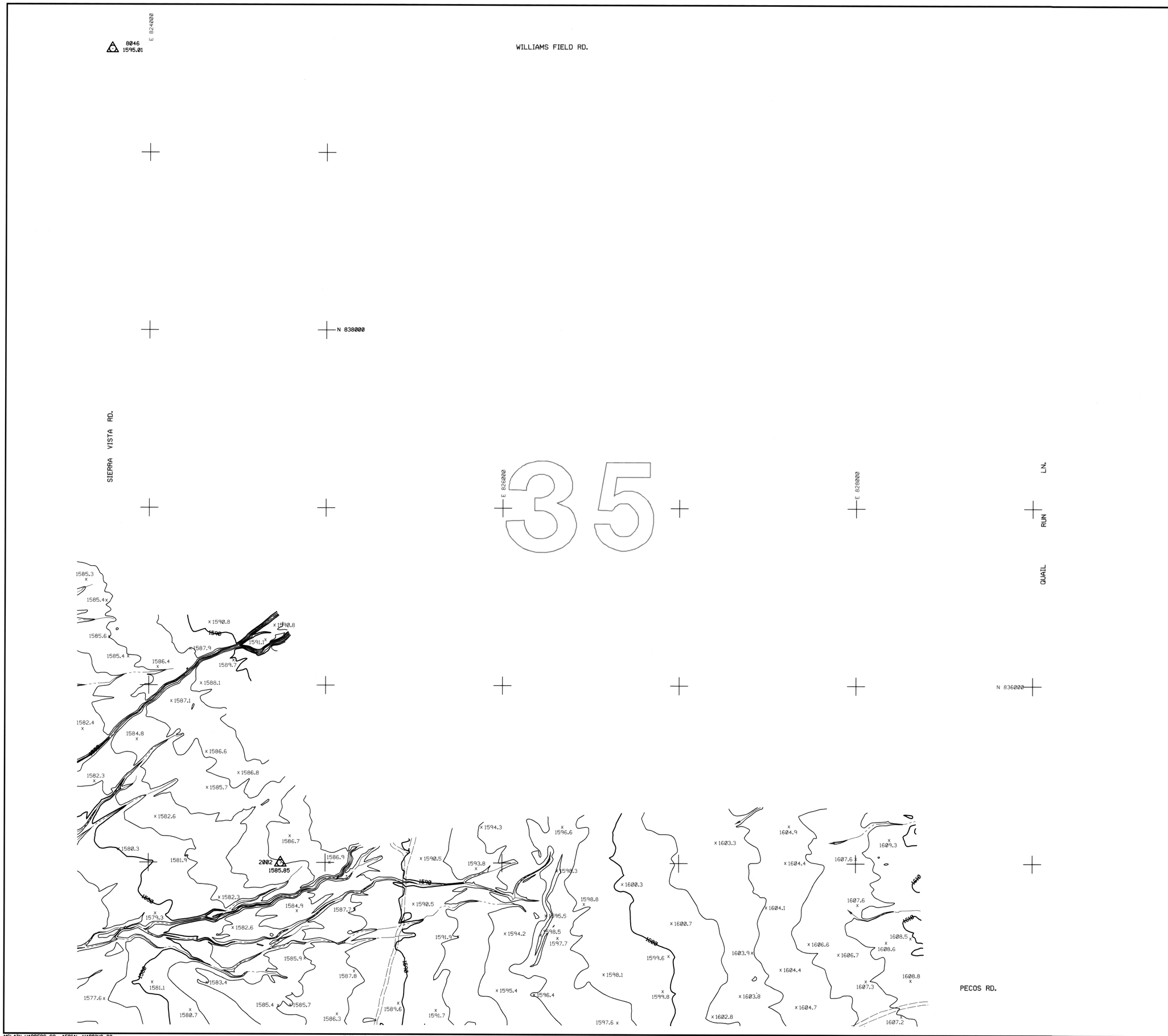
| | BY | DATE | |
|---|---|---|---|
| DESIGN | - | - | FLOOD CONTROL DISTRICT OF MARICOPA COUNTY |
| DESIGN CHK. | - | - | |
| PLANS | - | - | RECOMMENDED BY: DATE |
| PLANS CHK. | - | - | APPROVED BY: DATE |
| SUBMITTED BY: DATE: | | | CHIEF ENGINEER AND GENERAL MANAGER |
| | | | SHEET 7 OF 10 |

ADM-MR8 REV. DEC. 18, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"= 200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 34
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | A FP=100 Yr WSE FW=Floodway WSE A |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 2002 | 1585.85 | Set 1/2" rebar (flush) in the Southwest 1/4 of Section 35, T1S, R8E approximately 1700' North of the Northwest corner of the Rittenhouse structure. |
| 8046 | 1595.01 | Found GLO BC (+0.6) for Section Corner 26, 27, 34 & 35, T1S, R8E. |

## NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 4-30-95 ARIZONA U.S.A.

## INDEX MAP

Map Sheet 8 represents Section 35, T1S, R8E

R 8 E

| | | |
|---|---|---|
| | 9 | |
| | 16 | 15 |
| | 21 | 22 |
| | 27 | |
| T 1 S | 34 | 35 |
| T 2 S | 3 | 2 |

Guadalupe Rd.
Elliot Rd.
Warner Rd.
Ray Rd.
Williams Field Rd.
Pecos Rd.
Germann Rd.

La Palma Rd. Schnepf Rd. Sierra Vista Rd. Quail Run Ln.

N

200 0' 200 400

SCALE: 1" = 200'
CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE | |
|---|---|---|---|
| DESIGN | - | - | FLOOD CONTROL DISTRICT OF MARICOPA COUNTY |
| DESIGN CHK. | - | - | |
| PLANS | - | - | RECOMMENDED BY: DATE |
| PLANS CHK. | - | - | APPROVED BY: DATE |
| SUBMITTED BY: DATE: | | | CHIEF ENGINEER AND GENERAL MANAGER |
| | | | SHEET 8 OF 10 |

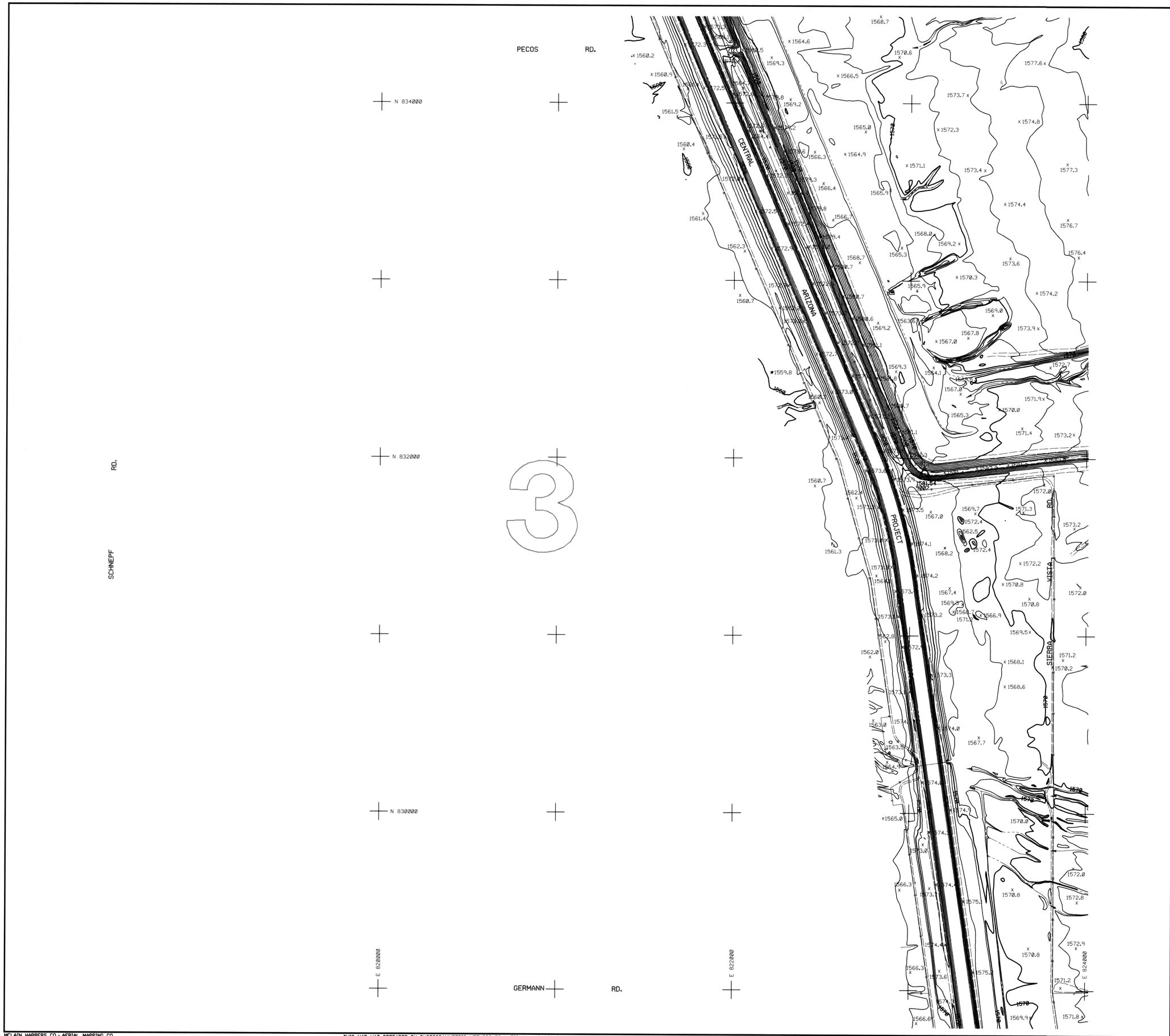
REV. DEC. 18, 1991

ADM-MRB

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 35
T 1 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

F.C.D. CONTRACT NO. FCD 93-51

## LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 M13.0 |
| CROSS SECTION | (A) FP=100 Yr WSE FW=Floodway WSE (A) |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

## PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

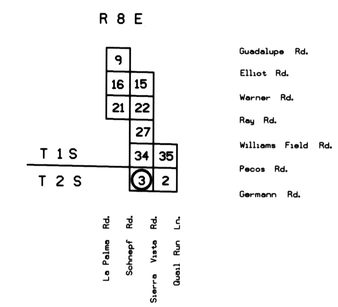
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 9002 | 1581.54 | Found BC in concrete marked "PECOS" at the Southwest corner of the Vineyard structure. |

## NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 5-30-95 ARIZONA U.S.A.

## INDEX MAP

Map Sheet 9 represents Section 3, T2S, R8E




200 0' 200 400

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

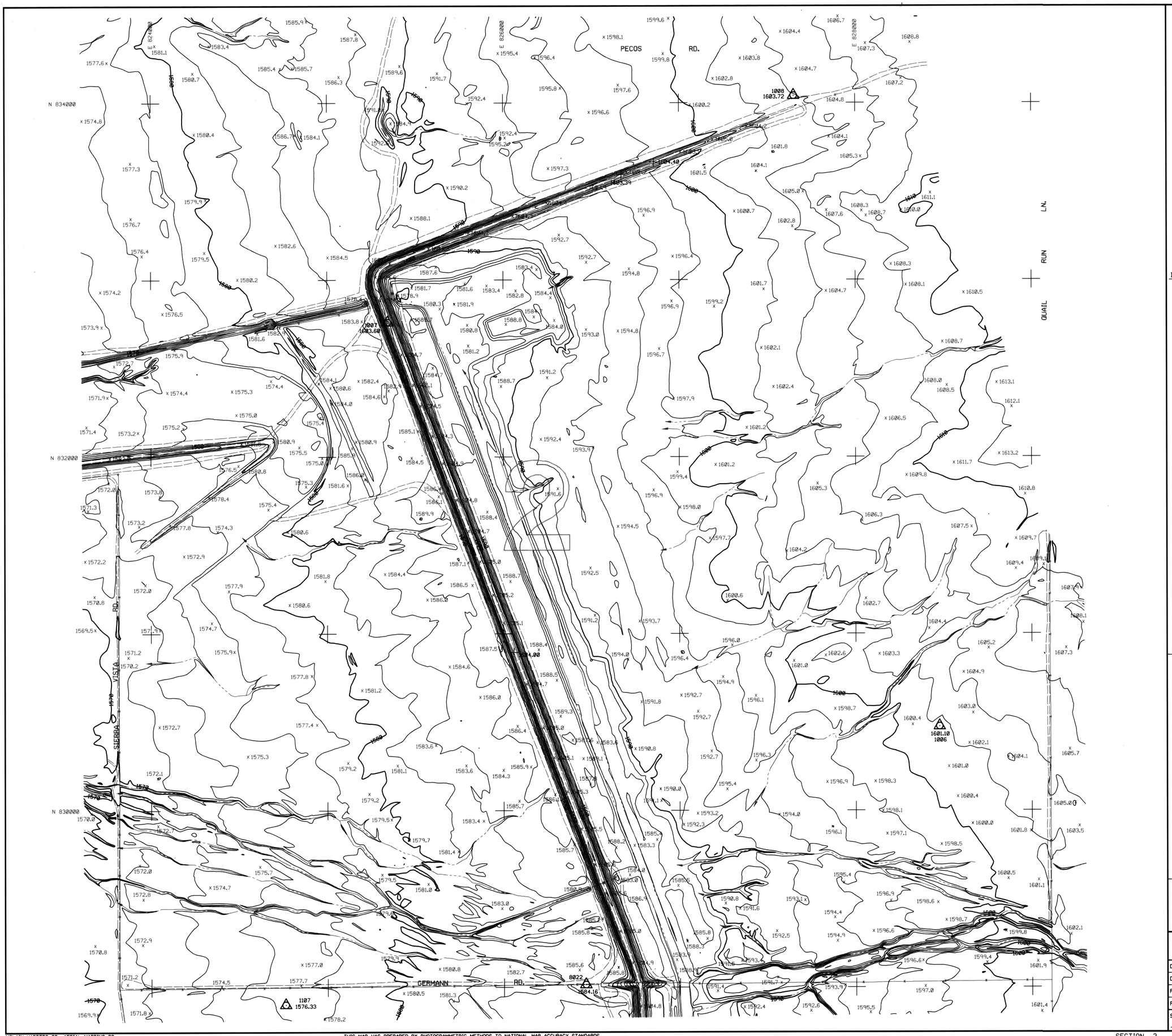
SHEET 9 OF 10

ADM.MRB REV. DEC. 10, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 3
T 2 S, R 8 E




# FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

## VINEYARD FRS

## F.C.D. CONTRACT NO. FCD 93-51

### LEGEND

| | |
|---|---|
| 100-YR FLOODPLAIN BOUNDARY | |
| FLOODWAY BOUNDARY | |
| HYDRAULIC BASE LINE WITH RIVER MILE | M12.0 — M13.0 |
| CROSS SECTION | (A) FP=100 Yr WSE / FW=Floodway WSE (A) |
| ELEVATION REFERENCE MARK | ERM3 X |
| BASE FLOOD ELEVATIONS | 1221 |
| ZONE DESIGNATIONS | ZONE AE |
| CORPORATE LIMITS | Corporate Limits |
| COUNTY, PARISH, STATE OR INTERNATIONAL BOUNDARY | County Boundary |

### PRIMARY CONTROL POINTS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 88 (NORTH AMERICAN VERTICAL DATUM 1988)

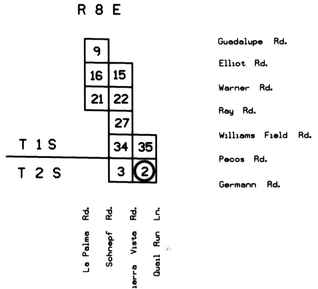
| I.D. NO. | ELEV. (FT) | DESCRIPTION/LOCATION |
|---|---|---|
| 1107 | 1576.33 | Set 1/2" rebar (flush) approximately 1900' West of Rittenhouse structure and 150' South of Section line fence between Sections 2 & 11, T2S, R8E. |
| 8022 | 1584.16 | Set 60d nail (flush) 5.0' North of GLO BC for the Quarter Corner between Sections 2 & 11, T2S, R8E. |
| 1006 | 1601.10 | Set 60d nail (flush) in the Southeast 1/4 of Section 2, T2S, R8E approximately 1300' North and 600' West of Section Corner 1, 2, 11 & 12, T2S, R8E. |
| 1007 | 1603.60 | Found BC in concrete marked "A-16, RR 2.86" on the West edge of the trail atop Rittenhouse structure at Station 190+00. Aerial Target is 0.65' above BC. |
| 1008 | 1603.72 | Set 1/2" rebar (flush) at Northeast end of Rittenhouse structure. |

### NOTES

REGISTERED LAND SURVEYOR CERTIFICATE NO. 26401 LEE HARBERS Date Signed 6-30-96 ARIZONA, U.S.A.

### INDEX MAP

Map Sheet 10 represents Section 2, T2S, R8E




200 0' 200 400

SCALE: 1" = 200'

CONTOUR INTERVAL = 2 FEET

## McLAIN HARBERS CO., INC

| | BY | DATE |
|---|---|---|
| DESIGN | - | - |
| DESIGN CHK. | - | - |
| PLANS | - | - |
| PLANS CHK. | - | - |

SUBMITTED BY: DATE:

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

RECOMMENDED BY: DATE

APPROVED BY: DATE

CHIEF ENGINEER AND GENERAL MANAGER

SHEET 10 OF 10

ADM.MRB REV. DEC. 10, 1991

MCLAIN HARBERS, CO.- AERIAL MAPPING CO.
COLLINS PINA CONSLT. ENGINEERS-SURVEYING CO.
PHOTO DATE 5-10-95.

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1"=200' HORIZONTAL SCALE AND 2' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY
DATA PROVIDED BY COLLINS-PINA.

SECTION 2
T 2 S, R 8 E