Baker Engineers

S.O. No. 16923-02

Subject: FLOODPLAIN DELINEATION
SURVEY HORR. CONTROL.
MORGAN CITY WASH

Sheet No. 1 of 2

Drawing No.

Computed by SSO Checked By Date 2/7/89

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Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

LOG #	BS	⊼	FS	∢ R (D-M-S)	DIST. FT. ADJ.
1	CHOLLA	MILL	HV-1	✓190-31-09	7036.37
2	"	"	HV-2	✓175-54-35.25	7506.70
3	MILL	HV-1	KNOLL	✓24-17-51.5	7843.23
4	"	"	HV-2	✓96-51-28.5	1906.95
5	HV-1	KNOLL	HV-2	✓345-57-11.5	7495.71
6	"	"	HV-3	✓180-24-35.5	3900.45
7	"	"	HV-4	✓196-57-58.5	4121.80
8	"	"	MILL	✓63-42-42.5	—
9	"	"	BUBBA	✓186-23-04.5	10,573.60
10	MILL	"	HV-1	296-17-18.5	—
11	"	"	HV-2	282-14-30	—
12	"	"	BUBBA	122-40-20	—
13	KNOLL	BUBBA	✓HV-3	✓03-28-18.25	6706.72
14	"	"	✓HV-4	✓353-22-46.5	6565.71
15	"	"	NOGGET	✓167-15-45.5	8370.58 (BS-17)
16	"	"	HV-4 A	✓344-11-57.5	6925.87
17	BUBBA	NOGGET	HV-5	✓112-06-30	1100.97
18	"	"	HV-6	✓178-04-18.5	1473.36
19	"	"	KNOLL	07-06-49.5	—
20	"	"	B. BALOY	✓170-28-21.5	3954.12 (BS-21)
21	NOGGET	B. BALOY	HWY.	✓171-09-10.625	9751.10
22	B. BALOY	HWY.	VIEWPOINT	✓130-28-08	8480.57
23	"	"	HV-7	✓110-26-29.25	2714.47
24	"	"	HV-8	✓120-04-13	848.36
25	HWY.	VIEWPONT	AGUA FRIA	✓257-56-04	9005.59
26	"	"	TOWER	✓231-21-08.5	6224.34
27	TOWER	"	AGUA FRIA	✓26-35-26.5	—
28	"	"	HWY	128-39-22	—

Baker Engineers

S.O. No. 16923-02

Subject: FLOODPLAIN DELINEATION

SURVEY HORIZ. CONTROL — Sheet No. 2 of 2

MORGAN CITY WASH — Drawing No.

Computed by GSO — Checked By — Date 27 July 89

LOG #	BS	FS	FS	∠R (D-M-S)	DIST. FT.
29	AGUA FRIA	TOWER	CHOLLA	149-01-46.25	4426.39 (BS) ✓
30	"	"	VIEW POINT	114-24-10 ?	—
31	"	"	HWY	84-30-41.75	—
32	"	"	P. PANEL	320-43-48.5	74.80 ✓
33	TOWER	AGUA FRIA	HV-10	157-10-40	1172.85 ✓
34	"	"	HV-9	56-46-12	1667.20 ✓
35	*	HV-9	AGUA FRIA	78-56-27	1249.37 (BS) ✓
36	VIEW POINT	AGUA FRIA	TOWER	39-00-27.9	—
37	TOWER	CHOLLA	MILL	133-28-25.8	12,959.01 (BS)

* MARICOPA COUNTY ENG. DEPT. BC - E¼ COR. SEC 27 # 28, 6N, 1E, 1964

Baker Engineers

S.O. No. _____

Subject: _____

_____ Sheet No. ____ of ____

_____ Drawing No. _____

Computed by _____ Checked By _____ Date _____

	STATION	M*	M2*	SD	HD
1	MILL	190 - 31 - 09 190 - 31 - 07.7 ✓	94 - 10 - 02.5	7054.84	7036.35 ✓
3	HV-1	24 - 17 - 51.5 24 - 17 - 50.2 ✓	91 - 11 - 59	7844.89	7843.23 ✓
9	KNOLL	186 - 23 - 04.5 186 - 23 - 03.2 ✓	90 - 58 - 43	10,575.055	10573.60 ✓
15	BUBBA	167 - 15 - 45.5 167 - 15 - 44.2 ✓	88 - 08 - 20	8375.10	8370.58 ✓
20	NOGGET	170 - 28 - 21.5 170 - 28 - 20.2 ✓	87 - 55 - 36	3956.81	3954.19 ✓
21	B. BALDY	171 - 09 - 10.625 171 - 09 - 09.3 ✓	90 - 48 - 38	9752.02	9751.10 ✓
22	HIGHWAY	130 - 28 - 08 130 - 28 - 06.7 ✓	90 - 02 - 45	8480.57	8480.57 ✓
25	VIEWPOINT	257 - 56 - 04 257 - 56 - 02.7 ✓	91 - 36 - 33	9009.04	9005.59 ✓
36	AGUA FRIA	39 - 00 - 27.9 39 - 00 - 26.6 ✓	93 - 44 - 29	4435.79	4426.39 ✓
29	TOWER	149 - 01 - 46.25 149 - 01 - 44.9 ✓	91 - 11 - 17.5	17962.58	17,959.01 ✓
37	CHOLLA	133 - 28 - 25.8 133 - 28 - 24.5		28,456.312	

MORGAN CITY WASH &
GOLD MINE
HORIZONTAL

TELEDYNE

416

FIELD / TRANSIT BOOK

BOOK 3 OF

MORGAN CITY WASH

INDEX

DESCRIPTION	PAGE
LEGEND	2-3
BASIS OF HORIZONTAL	4
BASIS OF VERTICAL	5
DIAGRAM OF HORIZONTAL (TRAVERSE) OF MORGAN CITY WASH	10-29

LEGEND

DESCRIPTION	ABBREV.
TRANSIT	T
TRANSIT STATION	TS
BACKSIGHT	BS
FORESIGHT	FS
DIRECT ANGLE	D
REVERSE ANGLE	R
CLOSE HORIZON ANGLE	CLH
ZENITH ANGLE	ZA
MEAN ANGLE	MA
DEGREES° MINUTES' SECONDS"	00-00-20
SLOPE DISTANCE	SD
HORIZONTAL DISTANCE	HD
NORTHING	N
EASTING	E
HORIZONTAL & VERTICAL	HV
AT	@
MERCURY	HG
TEMPERATURE	TEMP

SECONDS - PLUS OR MINUS FROM +2"; -2' ETC.
360° CIRCLE BASED ON
CLOSED HORIZON ANGLE

LEGEND CONT

DESCRIPTION	ASSEMBLY

BASIS OF HORIZONTAL

BASIS OF VERTICAL

JL3-7

TL3=8

4K3-9

JR3-10

12 JULY 1989

BEGIN

TRAVERSE OF MORGAN CITY WASH

TEMP 97°
PARTLY CLOUDY
WINDS - MODERATE
HG 28.8

R. KLEBIECKO T
M. WOMBLE SM

EQUIP: NIKON DTM-1

HORIZONTAL @ USC&GS BC "MILL" (3184)
1924 EPOXIED IN BOULDER

TO @ ABOVE
N= E=

BS @ USC&GS BC "CHOLLA" 1924
EPOXIED IN BOULDER
N= E=

D 00-00-20
R 180-00-41
D 45-05-20
R 225-05-41

FS @ HEV 1
N= E=

D 190-31-27
R 10-31-49
D 235-30-29
R 55-30-53

4: 190-31-07.5
4: 190-31-10.5
M4: 190-31-09
~3"

CLH 169-28-48

HEV 1 .831/65
DZ 4 = 94-10-03
RZ 4 = 265-49-58
(-) 1124 = 94-10-02.5

SD= 7054.84
HD= 7036.18
7036.37

MORGAN CITY WASH

JK3-11

HORIZONTAL @ USC&GS BC "MILL" CONT

12 JULY 1989

2

⊼ @ ABOVE

FS @ H&V Z

N=

E=

D 175-54-54
R 355-55-15
D 220-57-57
R 41-00-17

∡=175-54-34
∡=175-54-36.5
M∡=175-54-35.25 ✓

CLH 184-05-25

~+.25"

H&V Z

DZ∡=93-49-08
RZ∡=266-11-04
(−) MZ∡=93-49-02

.22 / .22

SD= 7523.22
HD= 7506.51

7506.70

MORGAN CITY WASH

JK3-12

13 JULY 1987

R. KLEBIEKO Ø

R. CHRISTMAN ⊼ ⊠

HORIZONTAL @ HV 1 (2740)

⊼ @ ABOVE

N= E=

BS @ USC&GS BC "MILL"

N= E=

D 00-00-20 D 00-00-20

H&V2 R 180-00-41 R 180-00-42

3

FS @ TS PIKES KNOLL

N= E=

D 24-18-02

R 204-18-42

24-17-51.5

+04.5

CLH 335-42-13

51.5
64.5
126.0
63
24-18-03

TS PIKES KNOLL

ZD∡= 91-11-59

SD= 7844.89

HD= 7843.17

7843.23

4

FS @ H&V2

N= E=

D 96-51-40

R 276-52-18

96-51-28.5

+03.5

CLH 263-08-35

H&V2

Z∡= 89-38-41

SD= 1906.99

HD= 1906.95

1906.95

MORGAN CITY WASH

JK 3-13

HORIZONTAL @ TS PIKES KNOLL (2512)

19 JULY 1989

TEMP 94°
PARTLY CLOUDY
WINDS - CALM
HG 28.8

R. KLEBIEKO ⊼ ⌂
R. HILLMAN ∅
R. CHRISTMAN ∅

⊼ ⊙ ABOVE
N=
E=

Bs ⊙ HV 1
N=
E=

D 00-00-20
R 180-00-42

1 D 00-00-20
R 180-00-44
2 D 00-00-20
R 180-00-46

HV 1
Z∡ = 88-49-17

SD = 7844.81
HD = 7843.15
7843.09 — 50° #3

5

Fs ⊙ HV 2
N=
E=

D 345-57-30
R 165-57-55

M∡ = 345-57-11.5

CLH 14-02-49 +.5"

HV 2
Z∡ = 88-40-24

SD = 7497.78
HD = 7495.77
7495.71

6

Fs ⊙ HV 3
N=
E=

D 180-24-53
R 00-25-20

M∡ = 180-24-35.5

CLH 179-35-28

HV 3
Z∡ = 93-10-34

SD = 3906.41
HD = 3900.41
3900.45

MORGAN CITY WASH

HORIZONTAL @ TS PILES KNOLL CONT

JK 3-14

19 JULY 1989

TS ARCHIVE / BS @ HV 1

7 FS @ HV 4

N= E=

1 D 196-58-17
R 16-58-46 M∠= 196-58-00.5
2 D 176-58-12
R 16-58-44 M∠= 196-57-57

1 CLH 163-01-58 -1.5"
2 CLH 163-02-03 0"

M∠= 196-57-58.75

HV 4
Z∠ 93-14-18

SD= 4128.35
HD= 4121.76
4121.80

8 FS @ USC&GS BC MILL

N= E=

D 63-43-01
R 243-43-26 M∠= 63-42-42.5

CLH 296-17-18 +.5"

9 FS @ TS BUBBA

N= E=

1 D 186-23-20
R 6-23-53 M∠= 186-23-04.5
2 D 186-23-22
R 6-23-53 M∠= 186-23-04.5

M∠= 186-23-04.5

1 CLH 173-36-57 +1.5"
2 CLH 173-36-59 +3.5

TS
Z∠= 90-58-41
90-58-43

SD= 10575.05
HD= 10573.51

SD= 10575.06
HD= 10573.52

10573.60

JK3-15

19 July 1989

MORGAN CITY WASH

HORIZONTAL @ 15 PILES KNOLL

TO - PECVE

N/= E=

BS @ USC&GS BC "MILL"

N/= E=

D 00-00-20 00-00-20
R 180-00-42 180-00-46 TO COBLE

10 FS @ HV 1

N/= E=

D 296-17-38
R 116-18-01 M4 = 296-17-18.5

CLH 63-42-38 + 3.5"

11 FS @ HV 2

N/= E=

D 282-14-49
R 102-15-13 M4 = 282-14-30

CLH 77-45-30 0"

MORGAN CITY WASH

JKS 16

19 JULY 1989

HORIZONTAL @ TS FILES KNOLL COAT

TS @ ABOVE / BS @ USC&GS BC "MILL"

FS @ TS BUBBA

12

	N/-	E-
D 122-40-40 R 30241-06		MJ: 122-40-20
CLH 237-19-40		"

MORGAN/CITY WASH

HORIZONTAL @ TS BUBBA (2340)

JK 3-17

24 JULY 1989

TEMP 90-110°
PARTLY CLOUDY
WINDS - LIGHT
HG - 28.8

R. KLEBICKI ⊼ ⌂
R. ROCCHIO Ø
M. WOMBLE Ø SM

EQUIP NIKON DTM-1

⊼ @ ABOVE
N= E=

BS @ TS PIKES KNOLL
N= E=

1 D 00-00-20
R 180-00-41

2 D 00-00-20
R [illegible]-43

HV3 D 00-00-20
R 180-00-40

FS @ HV 3
N= E=

1 D 3-28-36
R 183-29-05
(HV3) D 03-28-27
R 183-29-03

M∡ = 3-28-20
M∡ = 3-28-16.5

1 CLH 356-31-41/+1"
2 CLH 356-31-45/+1.5"

M∡ = 3-28-18.25

FS @ HV 4
N= E=

HV4 00-00-20
180-00-45

(HV4) D 353-23-05
R 173-23-33

M∡ = 353-22-46.5

CLH 6-37-10 - 3.5"

HV 3
Z∡ 90-20-20

SD = 6706.83
HD = 6706.71
6706.72

HV 4
Z∡ 90-29-07

SD = 6565.93
HD = 6565.69
6565.71

13

14

MORGAN CITY WASH

HORIZONTAL @ TS BUSCH (1340)

TO ABOVE / BS TS PILES & NAIL

FSO USC&GS BC "MILL"

N=

E=

D
R CANNOT SEE

CLH

15

FSO TS NUGGET

N=

E=

1 D 167-16-02
R 347-16-28 M4 = 167-15-445
2 D 167-16-04
R 347-16-32 M4 = 167-15-446.5

M4 = 167-15-445.5

1 CLW 192-44-16 +.5"
2 CLH 192-44-16 +2.5"

16

FSO HV 4 "A"

HV4A D 00-00-20
R 180-00-16

N=

E=

D 344-12-18
R 164-12-43

M4 = 344-11-575

CLH 15'-45-01 -1.5"

JL3-18

24 July 1989

HV 4 "A"

Z4 = 90-17-00

SD = 6925.94
HD = 6925.86
6925.87

MORGAN CITY WASH

HORIZONTAL @ TS NUGGET (2160)
TO ABOVE

BS @ TS. BUBBA

N= E

D 00-00-20
R 180-00-41
PIKES KNOLL
HV5

D 00-00-20
R 180-00-46
HV6

17

FS @ HV 5

N= E=

D 112°06-46
R 292°07'15"

M∠= 112-06-30

CLH 247°53'25" -5"

18

FS @ HV 6

N= E=

D 178°04'39"
R 358°05'04"

M∠= 178-04-18.5

CLH 181-55-49 +7.5"

19

FS @ TS PIKES KNOLL

N= E=

D 07-07-03
R 187-07-37

M∠= 07-06-49.5

+12.5"

CLH 352-53-23

TEMP 105° R. KLEBERG π ⊕ JK3-19
CLEAR SKIES R. HILLMAN ∅
WINDS-LIGHT R. CHRISTMAN ∅ 20 JULY 1989
HG-28.8

EQUIP NIKON DTM-1

Z∠= 88°08'20"

SD= 8375.10
HD= 8370.68
8370.58

HV5
Z∠= 99°09'50"

SD= 1115.19
HD= 1100.96
D.E. -177.60
1100.97

HV6
Z∠= 97-31-46

SD= 1486.16
HD= 1473.35
D.E. -194.72
1473.36

MORGAN CITY WASH

JK 3-20

20 JULY 1989

HORIZONTAL @ TS NUGGET

TS @ ABOVE / BS @ TS BUBBA

FS @ TS BABY BALDY

	N/2	E2
1	D 170-28-40 R 350-29-09	M∡ = 170-28-23
2	D 170-28-38 R 350-29-04	M∡ = 170-28-20 ✓
		$\boxed{M∡ = 170\text{-}28\text{-}21.5}$
1	CLH 189-31-41	+4"
2	CLH 189-31-39	−1". ✓

TS BUBBA

	1	2
BS	D 00-00-00 R 180-00-43	D 00-00-20 R 180-00-42

TS BABY BALDY

Z∡ =

SD =

HO =

MORGAN CITY MARSH

HORIZONTAL @ TS BABY BALDY (1920)

TO ABOVE
N/- E=

BS @ TS NUGGET
N/- E-

1 D 00-00-20
R 180-00-47

2 D 00-00-20
R 180-00-45

FS @ TS HIGHWAY
N/- E-

1 D 171-09-29/26 .27.5
R 351-09-59 M4= 171-09-09.75

2 D 171-09-30/32.31
R 351-09-57 M4= 171-09-11.5

M4 = 171-09-10.625

1 CLH 188-50-50 -.25"

2 CLH 188-50-47 -1.5"

21

JL 3-21

24 July 1989

TEMP 95° ↑
PARTLY CLOUDY
WINDS - LIGHT
HG 28.8

R. KLEBIECO T
R. ROCCHIO Ø
M. WOMBLE Ø

EQUIP. NIKON DTM-1
TS NUGGET
Z4 = 87-55-36

SD= 3956.81
HD= 3954.22
3954.19

TS HIGHWAY
Z4 = 90-48-38

SD= 9752.02
HD= 9751.04
9751.10

MORGAN CITY WASH

HORIZONTAL @ TS HIGHWAY (1840)

JK 3-22

25 JULY 1989

TB ABOVE

N= E=

BS @ TS BABY BALDY

N= E=

1 D 00-00-20
R 180-00-43

2 D 00-00-20
R 180-00-47

HV8 00-00-20
180-00-45

1 HV7 00-00-20
180-00-43

2 HV7 00-00-20
180-00-45

22

FS @ TS VIEWPOINT

N= E=

1 D 130-28-27
R 310-28-49

2 D 130-28-31
R 310-28-55

M∡ = 130-28-06.5

M∡ = 130-28-09.5

M∡ = 130-28-08

1 CLH 229-31-57 +3.5"

2 CLH 229-31-53 +6.5"

RICK

USBR 870-26

2 AUG 87

TS VIEW = US DEPT OF INTERIOR BC EPOXIED IN CONC. BUC. OF RECLAMATION BM "1985" (S.W.C.-1)

TS VIEW

Z∡ = 90-02-45

SD = 8480.57

HD = 8480.57 ✓

8480.57

SPILLWAY CONTROL

N 1,038,798.53

E 884,870.43

EL. 1774.80

JK 3-23

MORGAN CITY / WASH

HORIZONTAL @ TS HIGHWAY (1840)

TO ABOVE / BS @ TS BABY BALEY

23

FS@ HV 7

N= E=

1	D 110-26-49	MA=110-26-28.5	
	R 290-27-11		
2	D 110-26-52	MA=110-26-32.0	
	R 290-27-17		
1	CLH 249-33-42	+10.5"	MA=110-26-29.25
2	CLH 249-33-30	+2"	

24

FS@ HV8

N= E=

D 120-04-30	MA=120-04-13	
R 300-05-01		
CLH 239-55-43	-4"	

TEMP 85°
PARTLY CLOUDY
WINDS - LIGHT
HG 28.8

HV 7
ZA=91-59-58

HV 8
ZA=97-00-34

25 JULY 1989
R. KLEBIENO 1
R. ROCCHIO Ø
M. WOMBLE SM Ø

EQUIP. DTM-1 NIKON

HV 7
SD=2716.11
HD=2714.46

HV 8
SD=854.74
HD=848.35

MORGAN CITY WASH

JL 3-24

25 JULY 1989

HORIZONTAL @ TS VICINITY BUREAU OF (17")
RECLAMATION BC BM 1985 S.W.C.-1

TEMP 85°
CLOUDY
WINDS - MODERATE

TO ABOVE
N= E=

BS @ TS HIGHWAY
N= E=

1	D 00-00-20	3 00-00-20
	R 180-00-44	180-00-43
2	D 00-00-20	4 00-00-20
	R 180-00-45	180-00-46

25

FS @ TS AGUA FRIA
N= E=

TS AGUA FRIA
Z4= 91-36-33 1 SD= 9009.04
HD= 9005.49

1	D 257-56-23	M4=257-56-02.5
	R 77-56-40	
2	D 257-56-25	M4=257-56-05.5
	R 77-56-51	
		M4=257-56-04
1	CLH 102-03-56	-1.5"
2	CLH 102-03-54	-.5"

26

FS @ TS TOWER
N= E=

TS TOWER
Z4= 89-39-43 SD= 6224.46
HD= 6224.35

3	D 231-21-38	M4=231-21-09
	R 51-21-23	
4	D 231-21-58	M4=231-21-08
	R 51-21-24	
		M4=231-21-08.5
3	CLH 128-39-21	
4	CLH 128-39-21	

MORGAN CITY WASH

JL 3-25

25 JULY 1989

HORIZONTAL @ TS VIEWPOINT (1789)

TO ABOVE

N= E=

BS @ TS TOWER

N= E=

1 D 00-00-20
R 180-00-45
2 D 00-00-20
R 180-00-43

27

FS @ TS AGUA FRIA

N= E=

1 D 26-35-47
R 206-36-12 M4= 26-35-27
2 D 26-35-46
R 206-36-09 M4= 26-35-26

M4= 26-35-26.5

1 CLH 333-24-33 0"
2 CLH 333-24-34 0"

28

FS @ TS HIGHWAY

N= E=

1 D 128-39-43
R 308-40-07 M4= 128-39-22.5
2 D 128-39-41
R 308-40-05 M4= 128-39-21.5

M4= 128-39-22

1 CLH 231-20-38
2 CLH 231-20-37

JK 3-26

25 JUL 1989

MORGAN / CITY / WELSH

HORIZONTAL @ TS TOWER (1780)

TEMP 93°
PARTLY CLOUDY

T @ ABOVE
N= E=

BS @ TS AGUA FRIA
N= E=

TS AGUA FRIA
ZA - 93-44-29 ✓ SD = 4435.79
HD = 4426.34
4426.37

1 D 00-00-20
R 180-00-40
2 D 00-00-20
R 180-00-40

FS @ USC & GS BC "CHOLLA" 1924
N= E=

1 D 149-02-07
R 329-02-24 MA = 149-01-455
2 D 149-02-07
R 329-02-27 MA = 149-01-47
MA = 149-01-46.25

1 CLH 210-58-11 -3.5"
2 CLH 210-58-06 -7"

FS @ TS VIEWPOINT
N= E=

1 D 114-24-25
R 294-24-51 MA = 114-24-08
2 D 114-24-28
R 294-24-52 MA = 114-24-10

1 CLH 245-35-53
2 CLH 245-35-49

JL 3-27

25 JULY 1989

MORGAN CITY WASH

HORIZONTAL @ TS TOWER (1780)

TO ABOVE / BS @ TS AGUA FRIA

31

FS @ TS HIGHWAY

	N/=	E=
1	D 84-30-59 R 264-31-20	MA= 84-30-39.5
2	D 84-31-04 R 264-31-24	MA= 84-30-44
		MA= 84-30-41.75
	CLH 275-29-16	-4.5"
	CLH 275-29-12	-4"

32

FS @ PICTURE PANEL WP88543

	N/=	E:
1	D 320-44-07 R 140-44-30	MA= 320-43-48.5
	CLH 39-16-02	-8.5"

BUREAU OF RECLAMATION PANEL POINT

PICTURE PANEL

CA 90-20-53 SD? 74.80

HD? 74.80

MORGAN CITY WASH

JK 3-28

HORIZONTAL ⊙ TS AGUA FRIA (1520)

25 JULY 1989

TEMP -
PARTLY CLOUDY

w/ R. CHRISTMAN ⊠ Ø

Π⊙	ABOVE		
	N=	E=	
BS⊙	TS TOWER		
	N=	E=	
1	D 00-00-20 R 180-00-40	1A 180-00-41	
2	D 00-00-20 R 180-00-45		
FS⊙	HV 10		
	N=	E=	HV 10
1	D 157-10-51 R 337-11-27	M∡= 157-10-39	Z∡= 96-22-09
1A	D 157-10-56 R 337-11-27	M∡= 157-10-41	SD= 1180.13 HD= 1172.85 1172.85
	CH 202-49-13 202-49-14	$\boxed{\text{M∡= 157-10-40}}$ -8" -5"	
FS⊙	HV 9		
	N=	E=	HV9
2	D 56-46-32 R 236-46-57	M∡= 56-46-12	Z∡= 91-49-56
	CH 303-13-49	+1"	SD= 1668.05 HD= 1667.20 1667.20

33

34

MORGAN CITY WASH

JK3-29

HORIZONTAL @ HV 9 (1475)

25 JULY 1989

TEMP - 100°
PARTLY CLOUDY

TO ABOVE
N/= E=

FS @ TS AGUA FRIA
N/= E=

1 D 78-56-47
R 258-57-14
2 D
R

MA = 78-56-27

BS @ MARICOPA COUNTY ENGIN. DEPT. S.C.
N/= E=

1 D 00-00-20
R 180-00-47
2 D 00-00
R 180-00

1 CLH 281-03-37 +4"
2 CLH

~~E1/4~~ COR. SEC. ~~29 & 28~~ 6N 1E 1964
1/4 29 & 28

∴ = 92-23-34

SD = 1250.46
HO = 1249.37

1249.37

JK3-30

MORGAN CITY WASH
HORIZONTAL @ TS AGUA FRIA

⊼ @ TS AGUA FRIA
N= E=

B.S. TS VIEW POINT

1 D 00-00-00
R 179-59-53
2 D 359-59-58
R 179-59-49.5

36

F.S. TS TOWER

1 D 39-00-32
R 219-00-18.5
2 D 39-00-27 (29)
R 219-00-14.5

(1) M∡ 39-00-28.75
(2) M∡ 39-00-27

25

$\boxed{(1\&2)\ M\measuredangle\ 39\text{-}00\text{-}27.9}$

CL. HORIZ. (R) 320-59-40 } M∡ 320-59-33.5
(D) 320-59-27 }

1.4" ERROR

MORGAN CITY WASH

JK3 - 31

HORIZONTAL @ CHOLLA (2178

π @ CHOLLA (see page 10) W/00/00/00

N= E=

B.S @ TS TOWER

1	D 00-00-00 R 179-59-57	
2	D 00-00-03.5 R 179-59-59	IA

37

F.S. @ MILL

N= E=

1	D 133-28-30 R 313-28-18	(1) M ∠ 133-28-25.5
2	D 133-28-22 (18.5) R 313-28-33 (34)	(2) M ∠ 133-28-26.5
		(1&2) M ∠ 133-28-25.8"
1	CLH = 226-31-39	M CLH. 226° 31' 33.5"
2	CLH = 226-31-28	(ERROR 0.6")

BS TS TOWER

Z ∠ D 91°12'03"

R 268°49'28"

M Z ∠ 91° 11' 17.5"

F.S. MILL

Z ∠ D

R

TI-200: T-2

EDM: RED 2L

SD = 17,962.58'

HD = 17958.72'

17959.01

SD =

HD =