MCFCD

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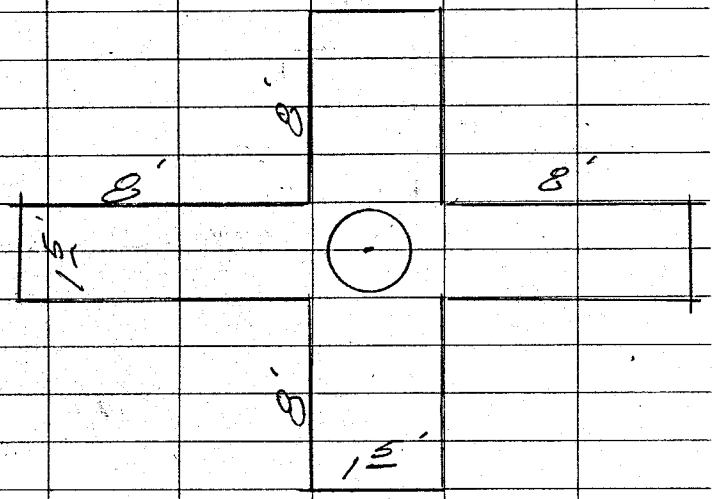
MCFCD Paint Aerial Targets

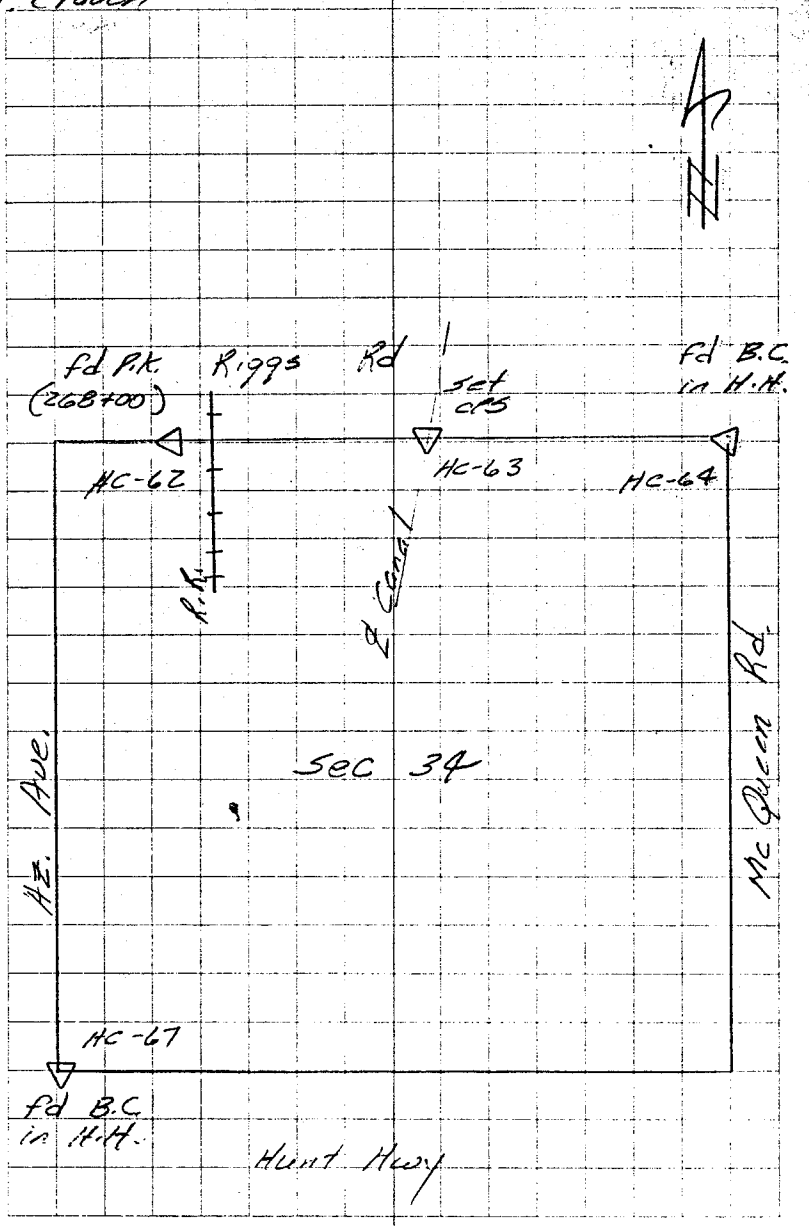



Typical Target

L. Van Dyke
R. McMurray
T. Crowin

8/12/87

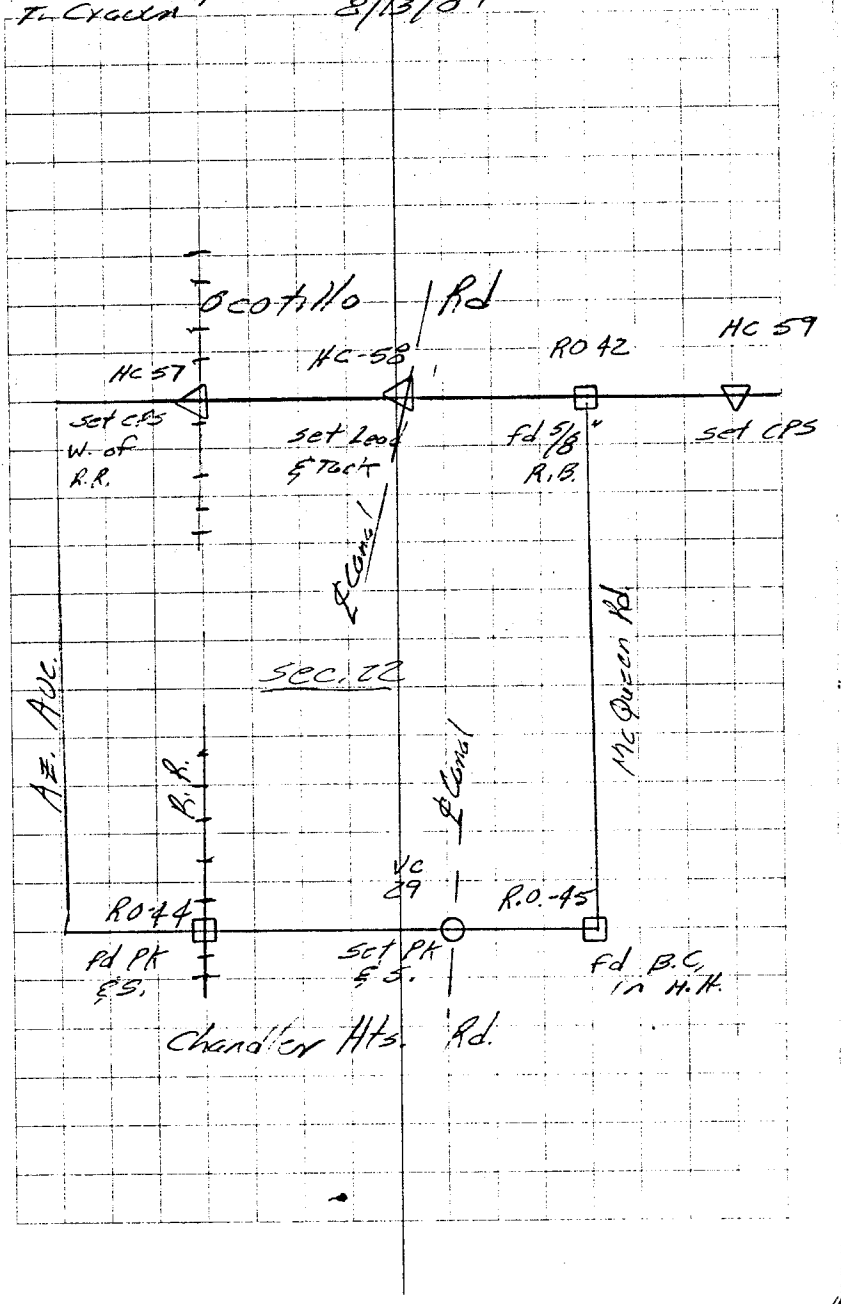
803
E



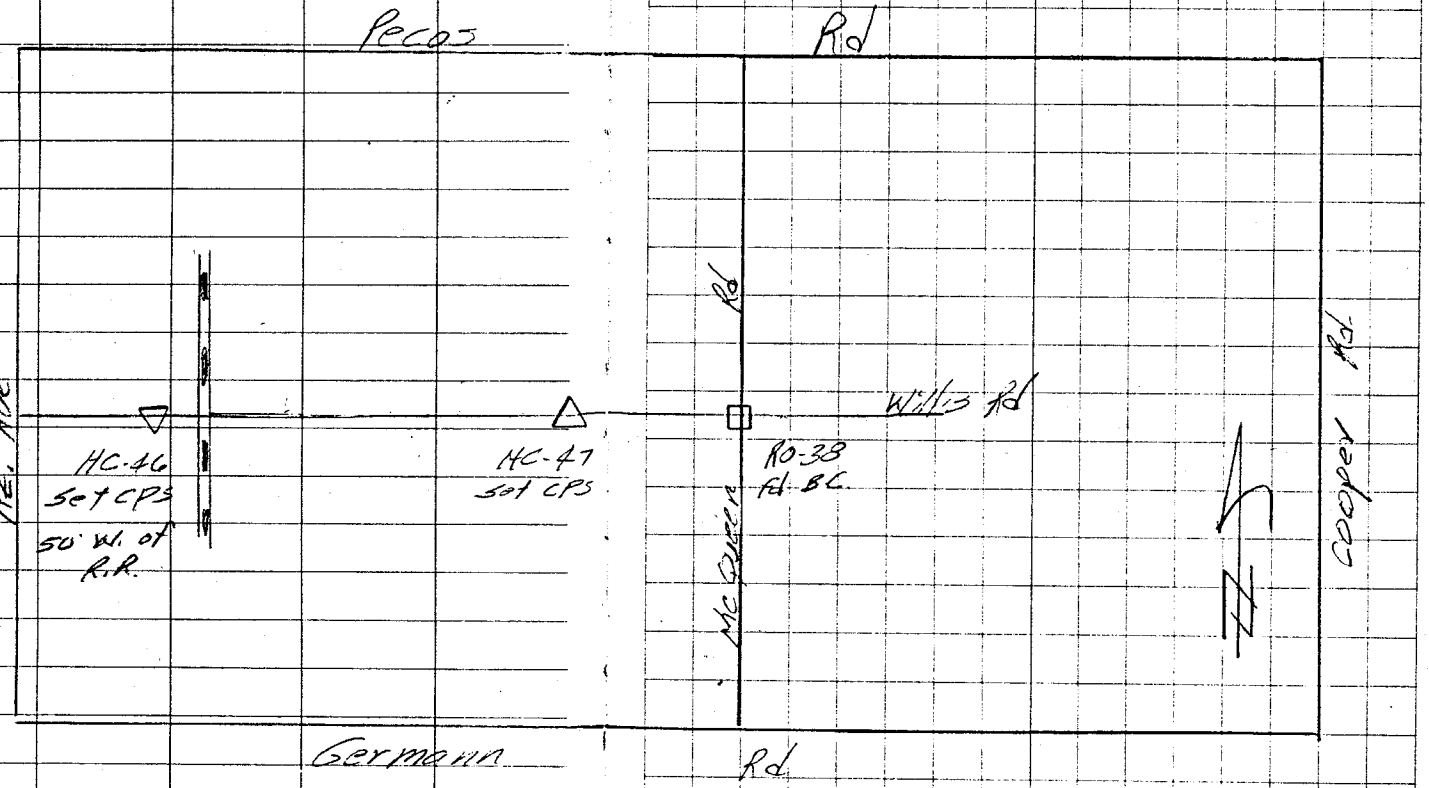
MCFCD Point Aerial Targets

L. Van Dyke 8/12/87
R. McMurray 8/13/87
T. Crocker

903
4



MCFCD Paint Aerial Targets 8/13/87 807/8

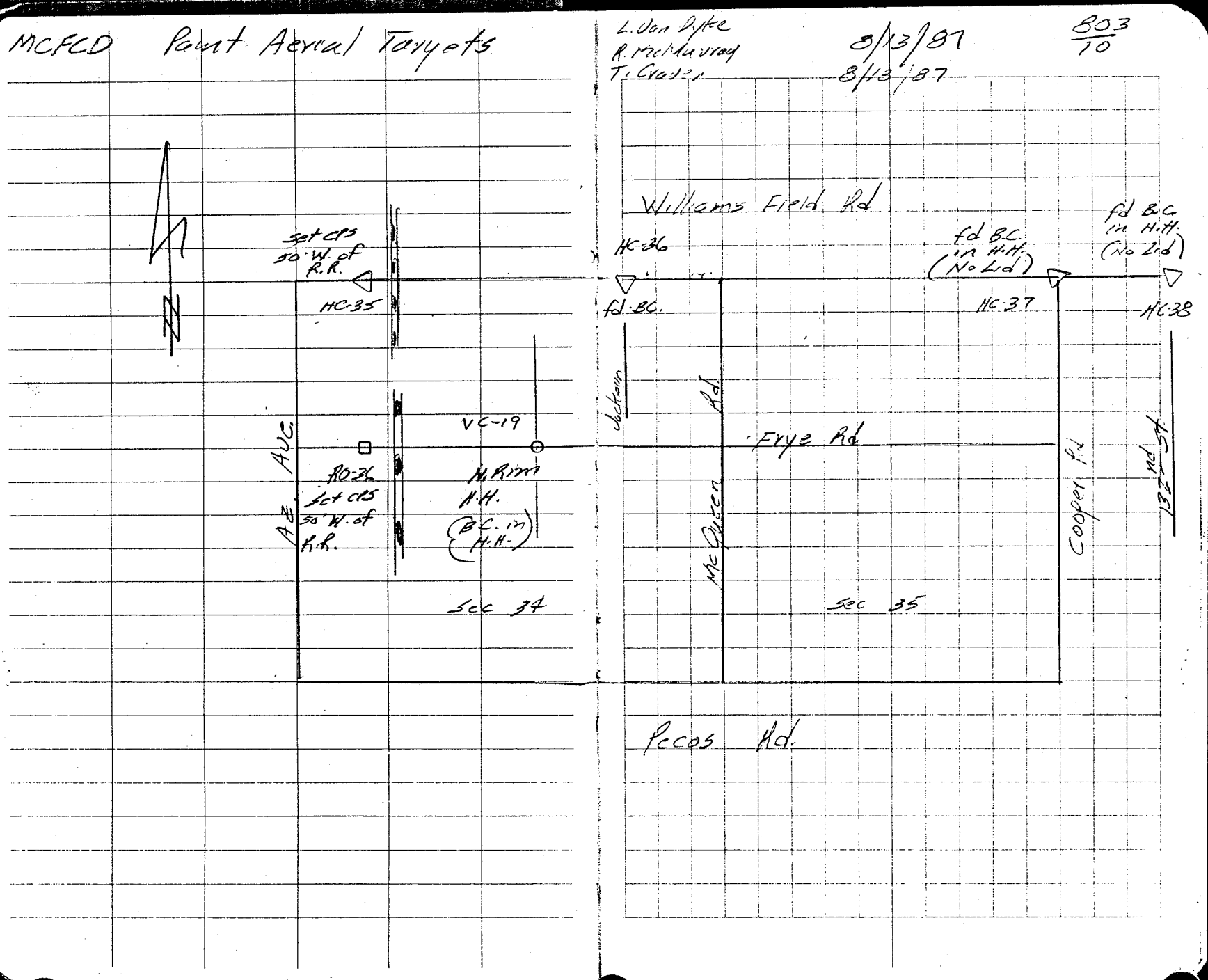


MCFCD Point Aerial Targets

L. Van Dyke
R. McMurray
T. Crabb

8/13/87
8/13/87

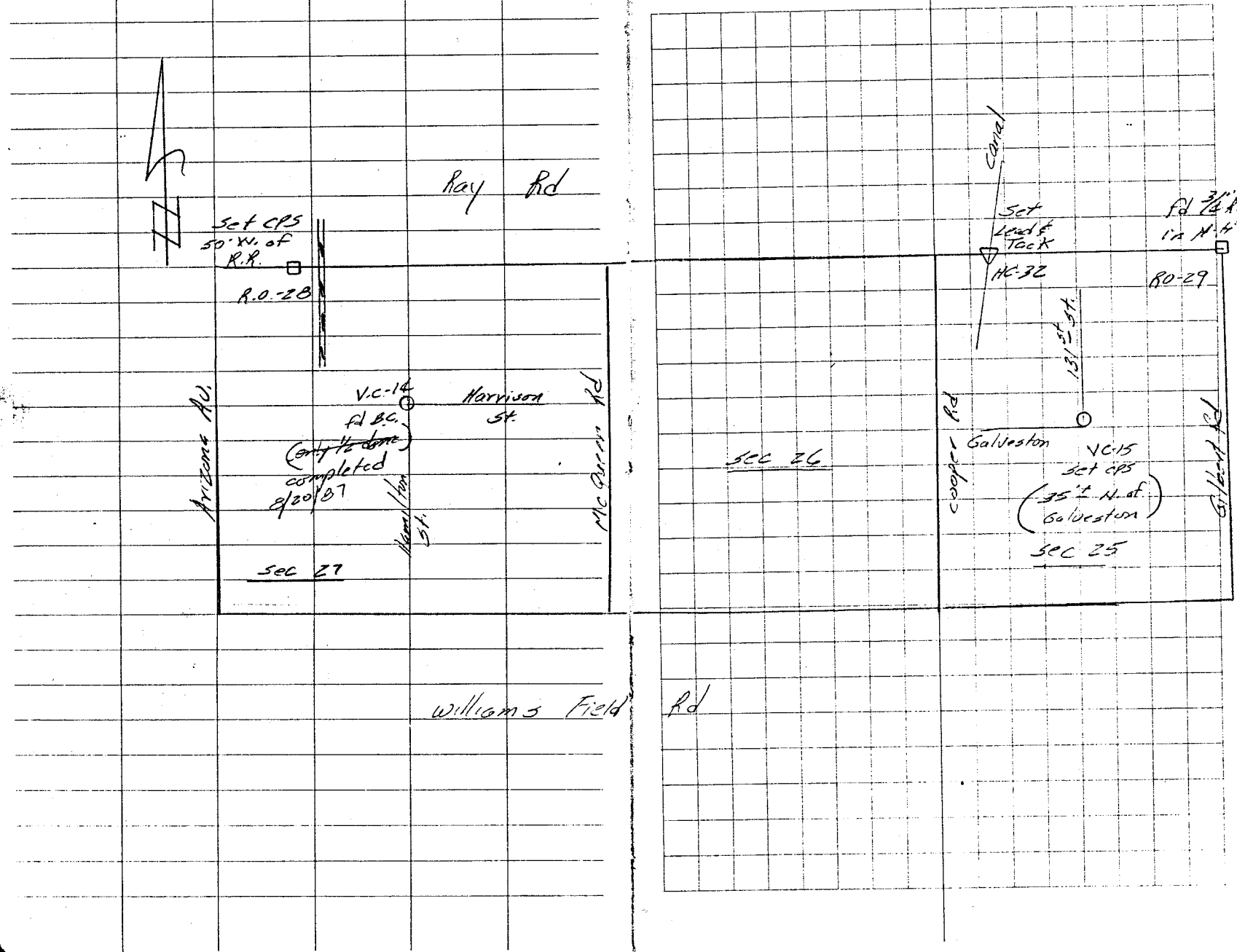
803/10



MCFCD Paint Aerial Targets

8/19/87

903/12



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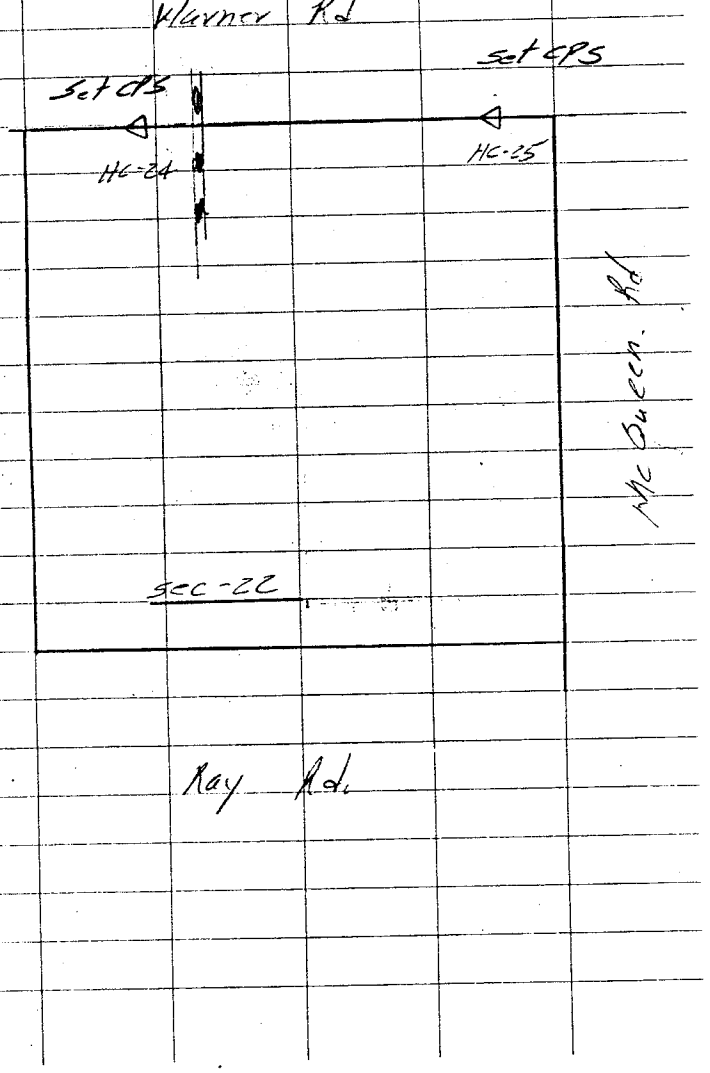
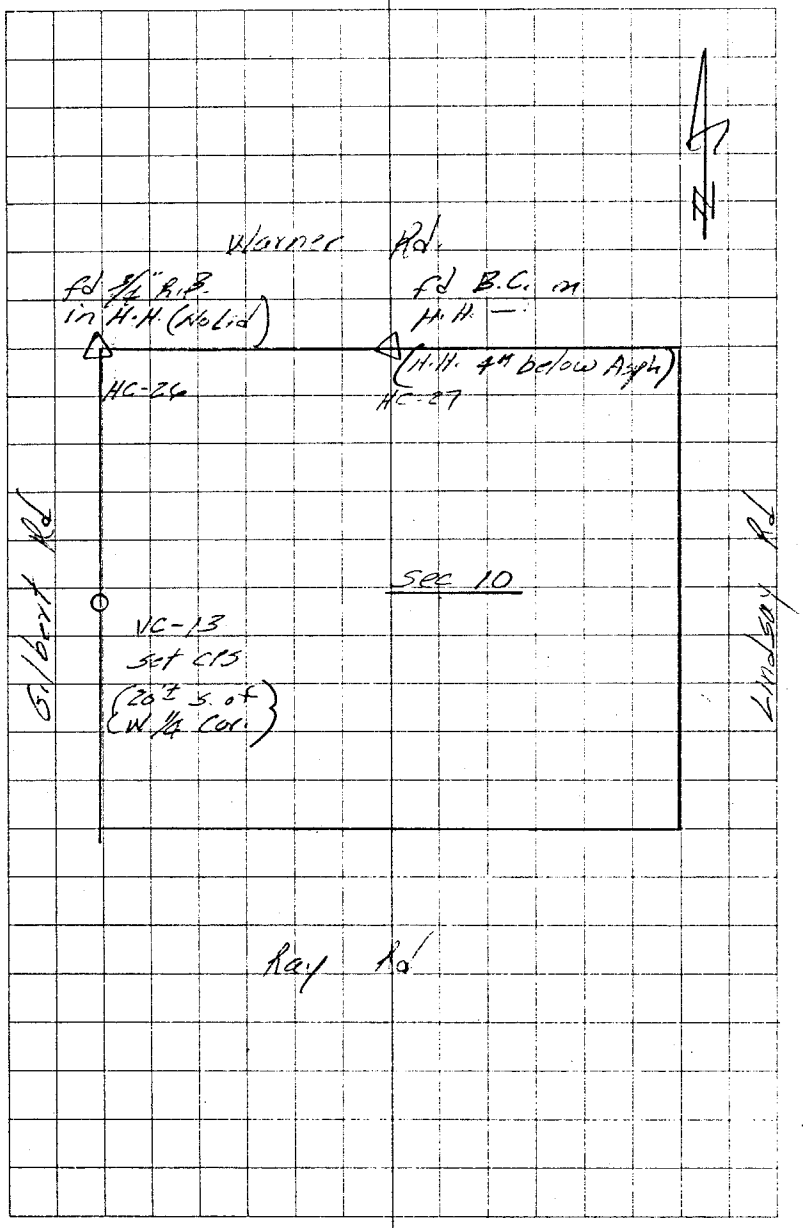



8/13/87

603
14



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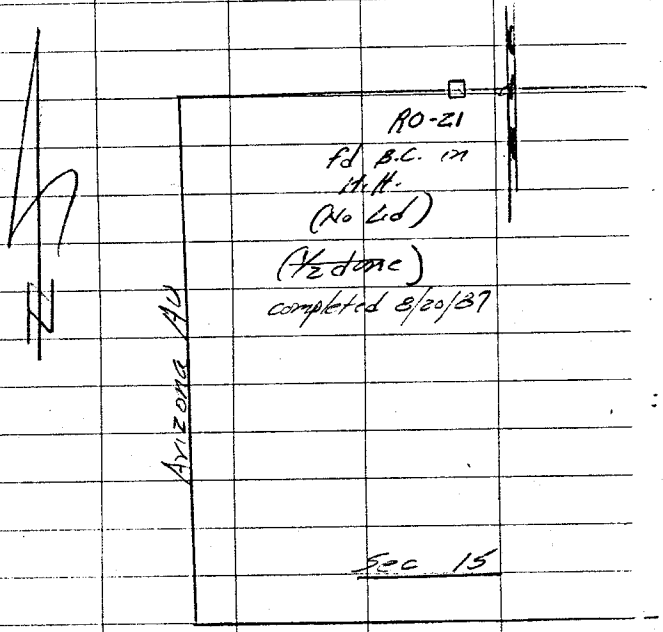
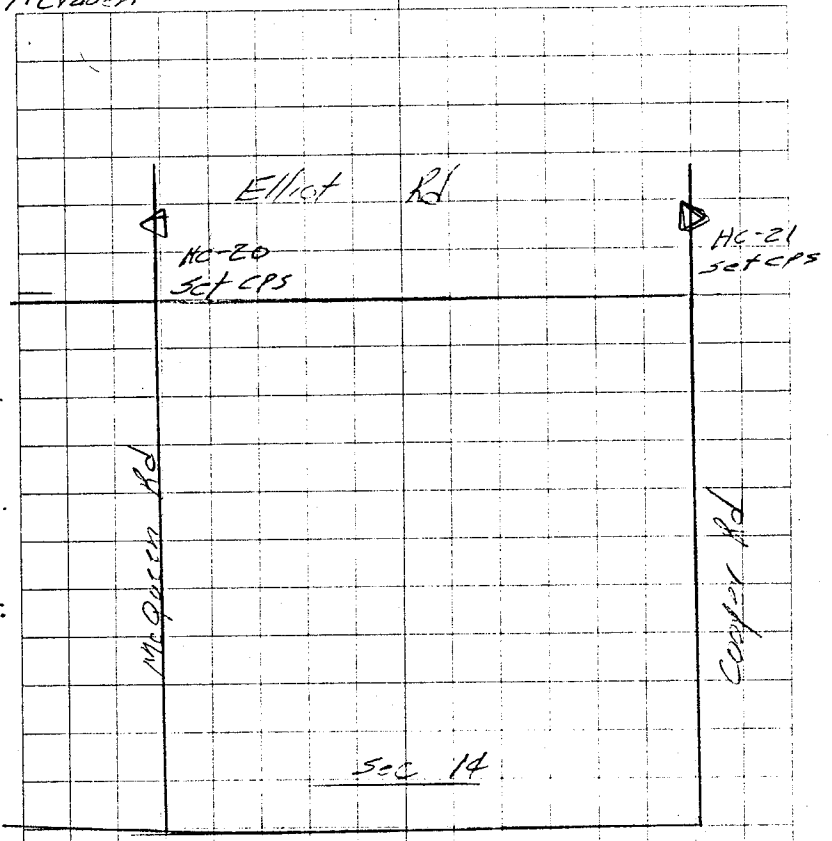
# Paint Aerial Targets




C. Van Dyke
R. McMurray
T. Craven

8/19/87

803
TC

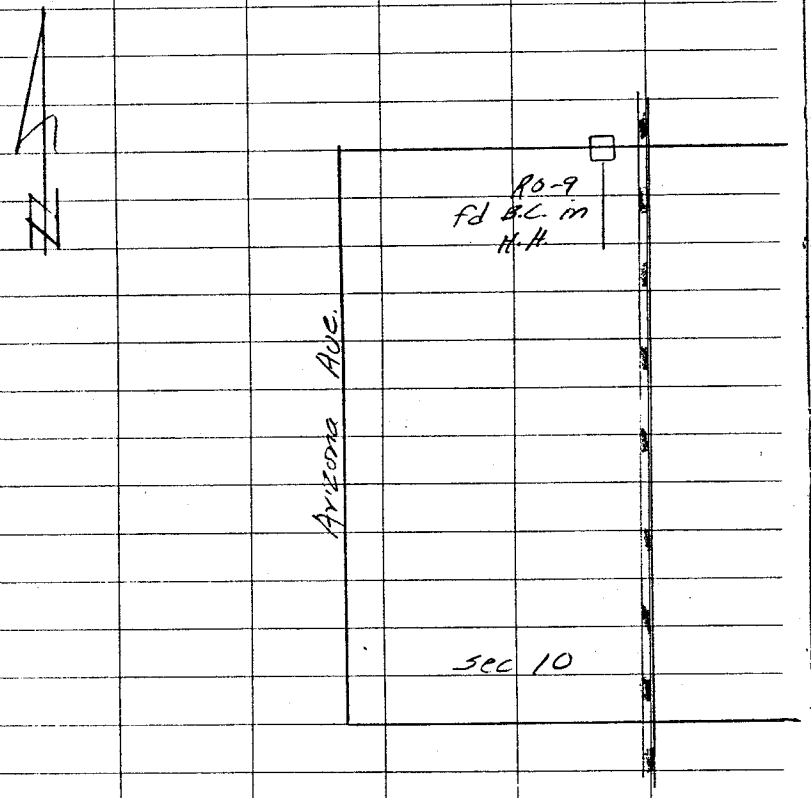


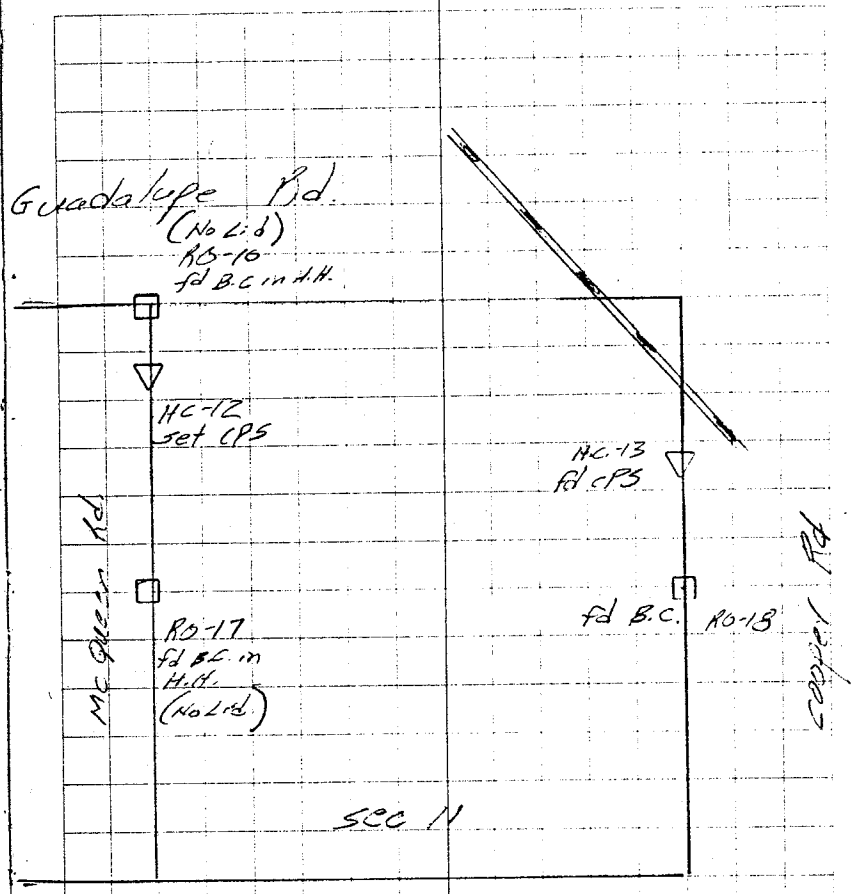

Warner Rd

MCFCD Point Aerial Targets

8/19/87

803
T8



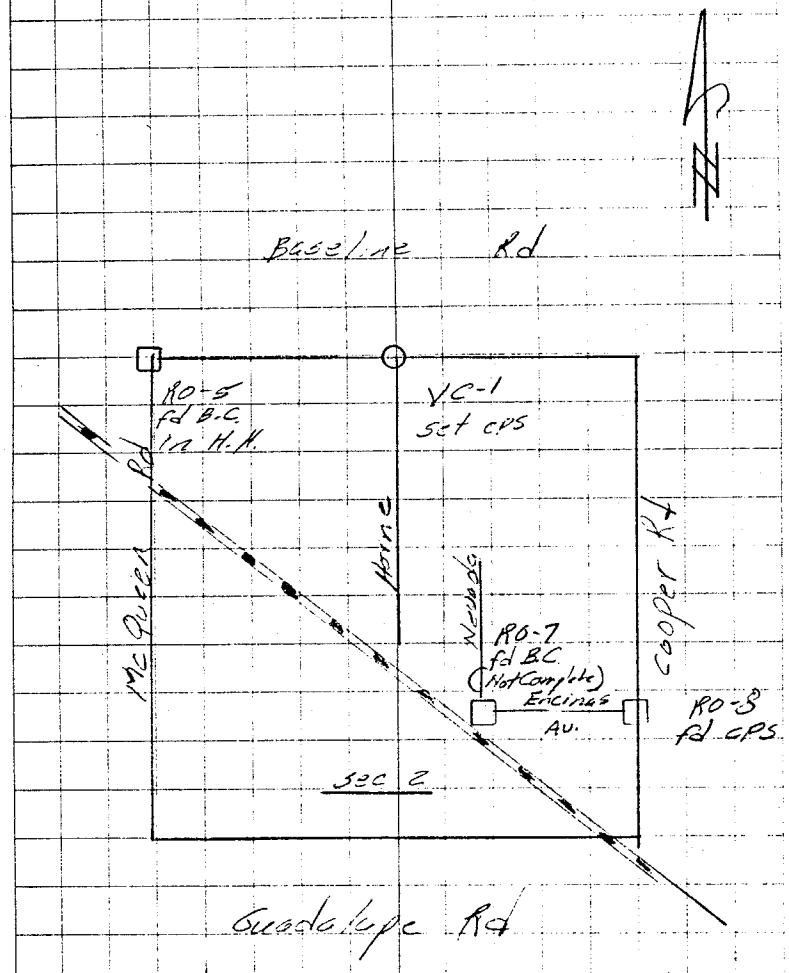




Elliot Rd

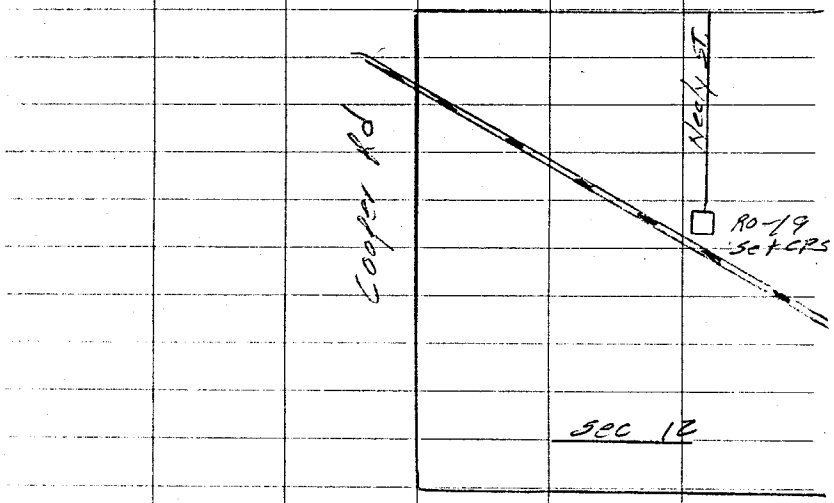
MCFCD Point Aerial Targets

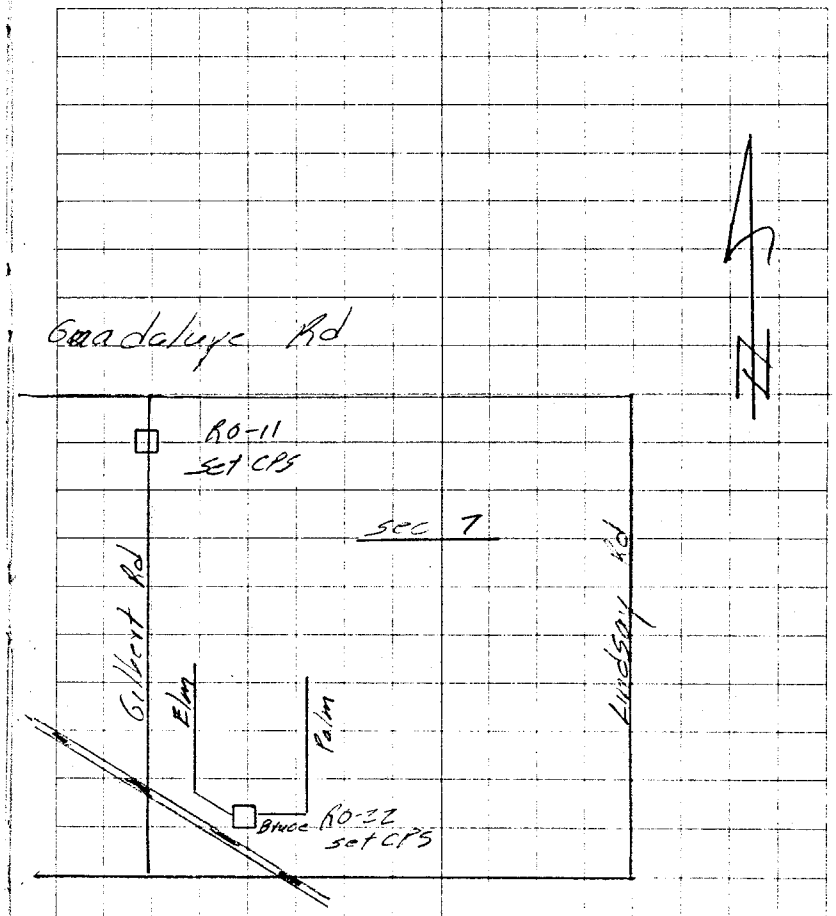
L. Van Dyke 8/19/87
R. MacMurray 8/20/87
T. Cravea

803/20



MCFCD Paint Aerial Targets 8/20/87 803/22



MCFCD Paint Aerial Targets

8/20/87

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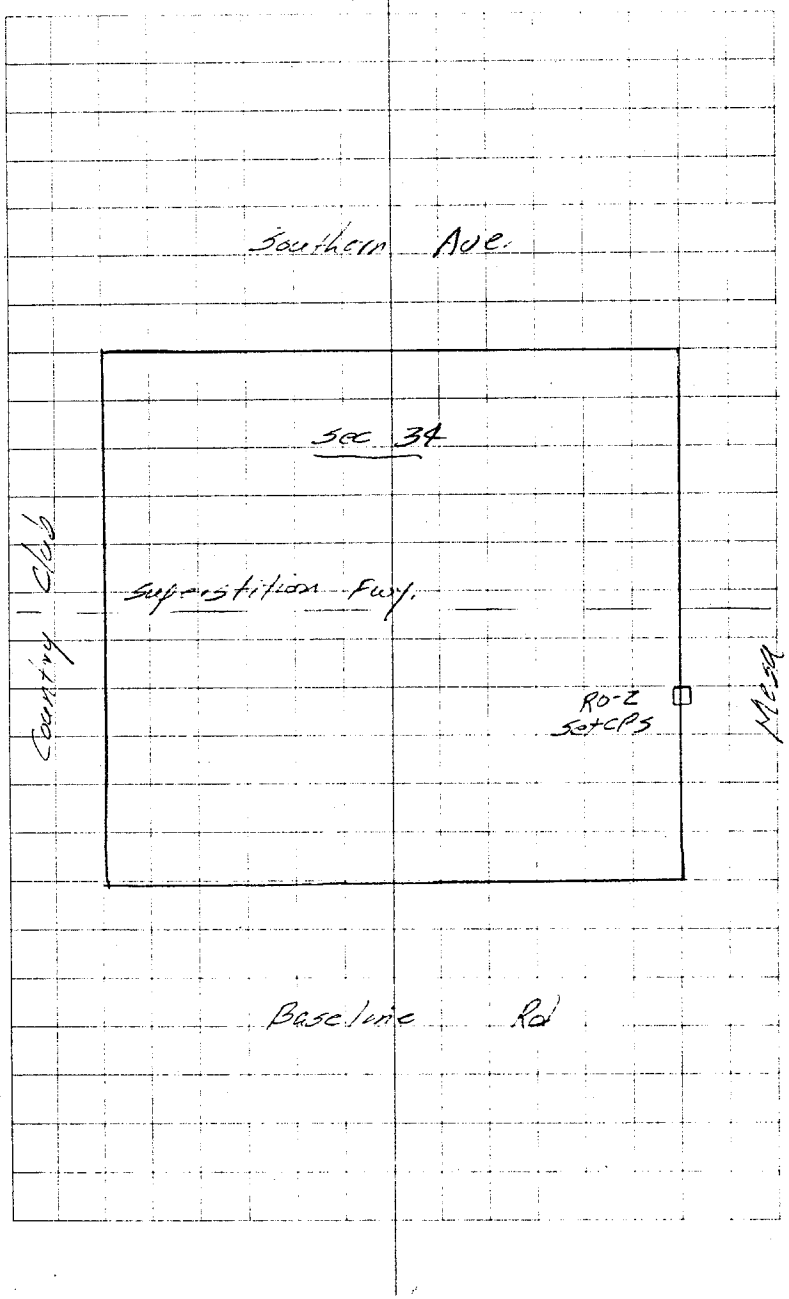
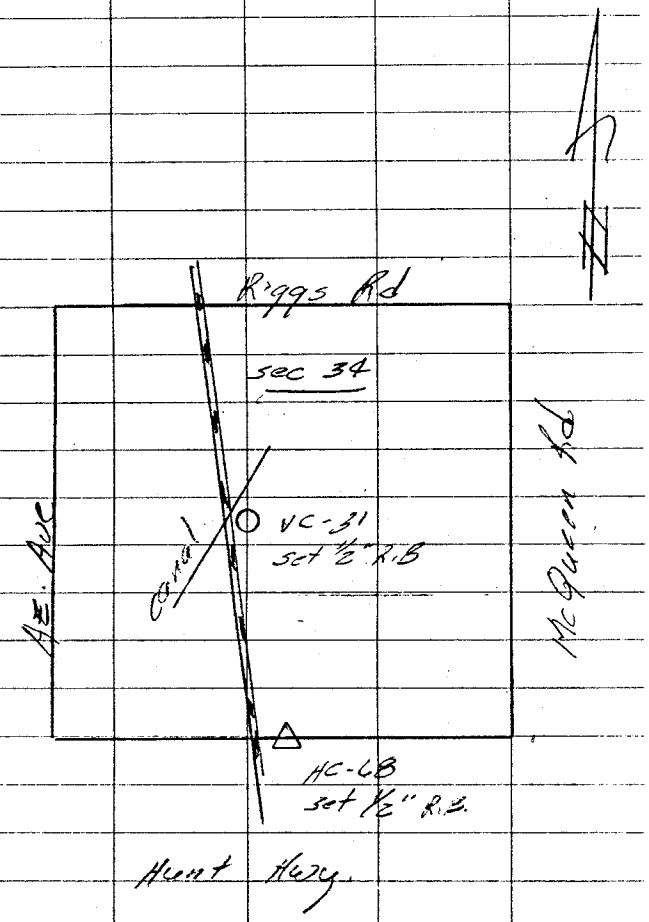


MCFCD

Panels set for Aerial Targets




8/20/87

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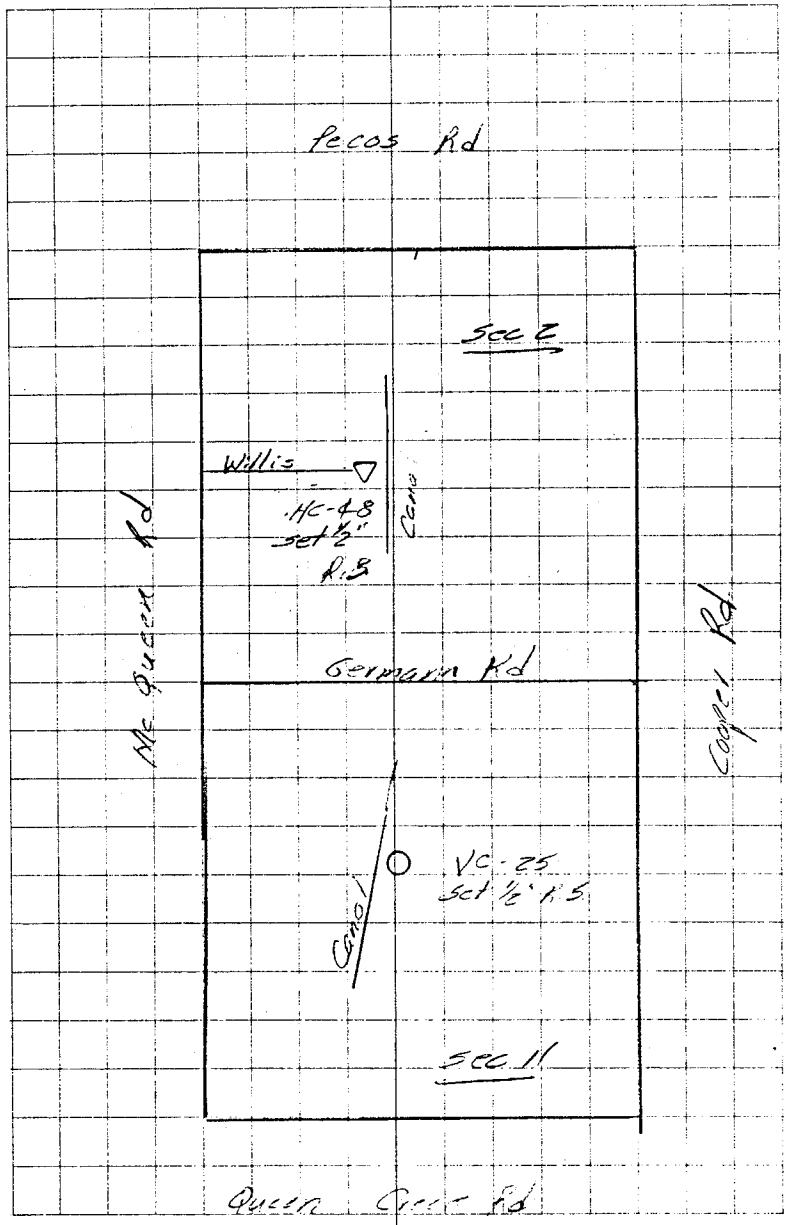
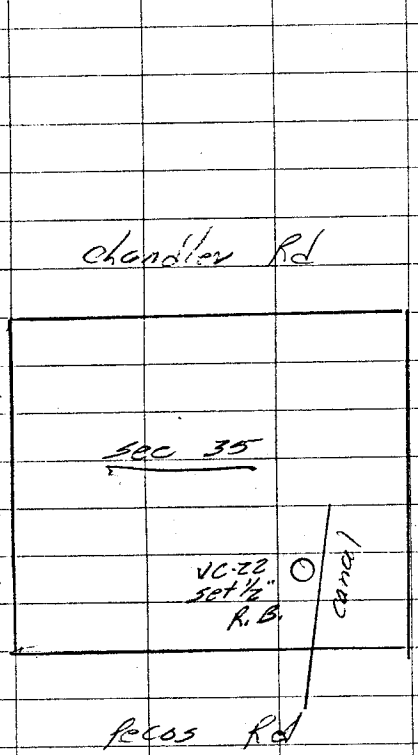
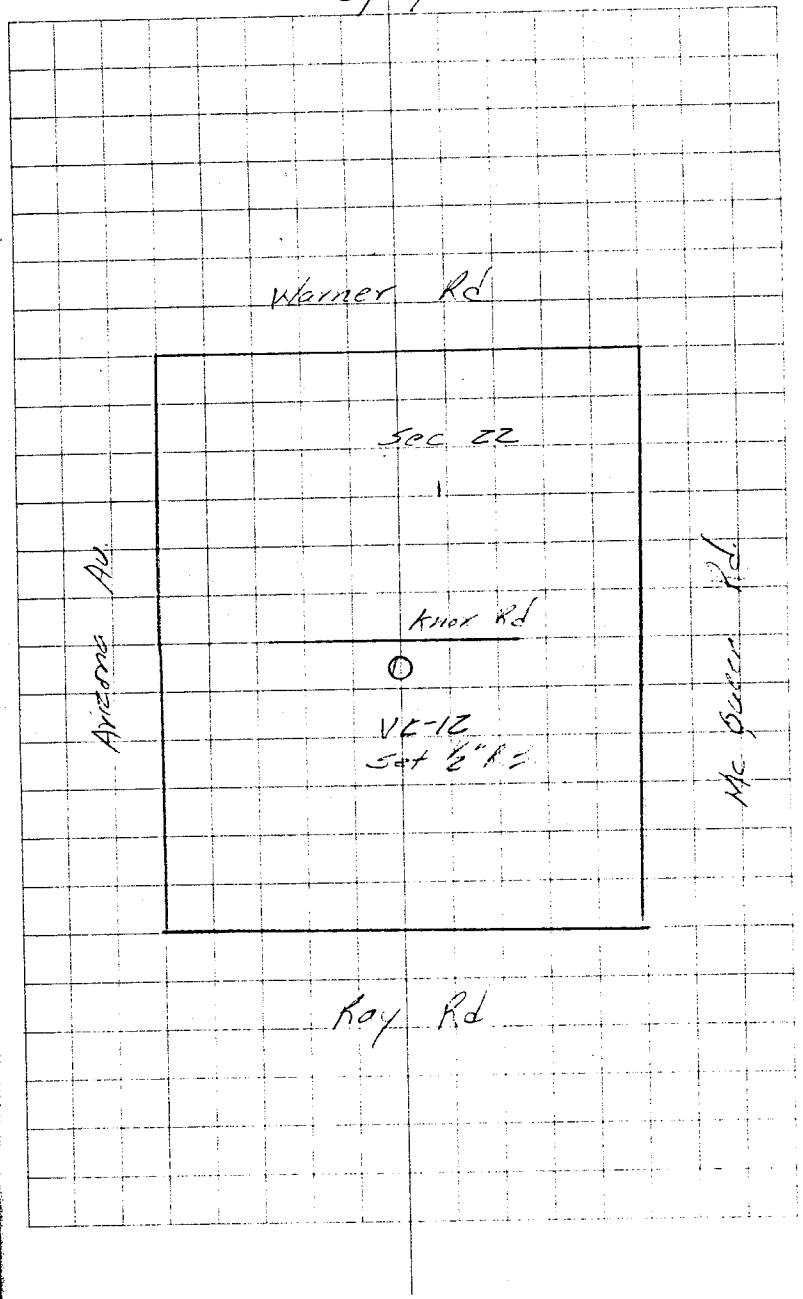


MCFCD Panels set on Aerial Targets

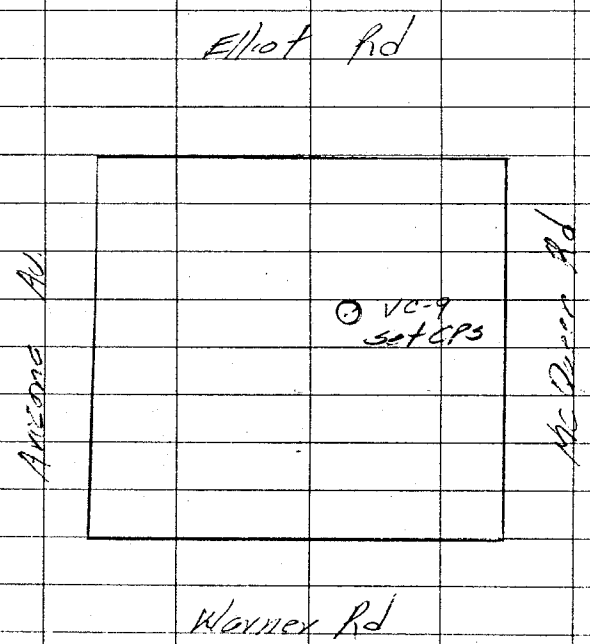



8/20/87

803/23

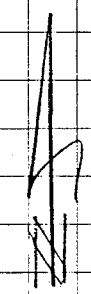


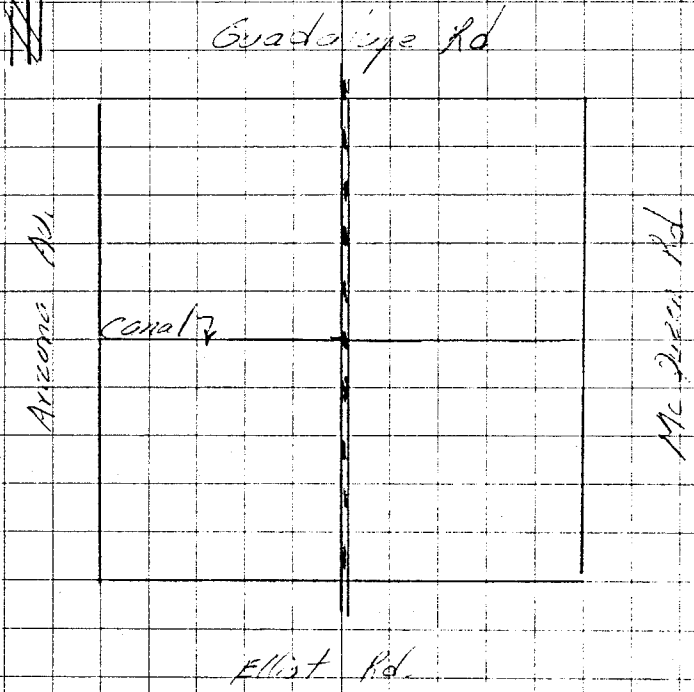
N MCFCD Panels set for Aerial Targets




8/20/87







MCFCD Traverse Thru HC & RO

(2) (1)

TP #1 → RO-21 → HC-11

∡#1 = 93°37'11"

∡#6 = 201°43'51"

M/∡ = 93°37'19" ✓

H.D to TP #1 =

Z∡ = 90°10'10"

S.D. = 2660.23

H.D. = 2660.22 ✓

H.D. to HC-11

Z∡ = 90°09'24"

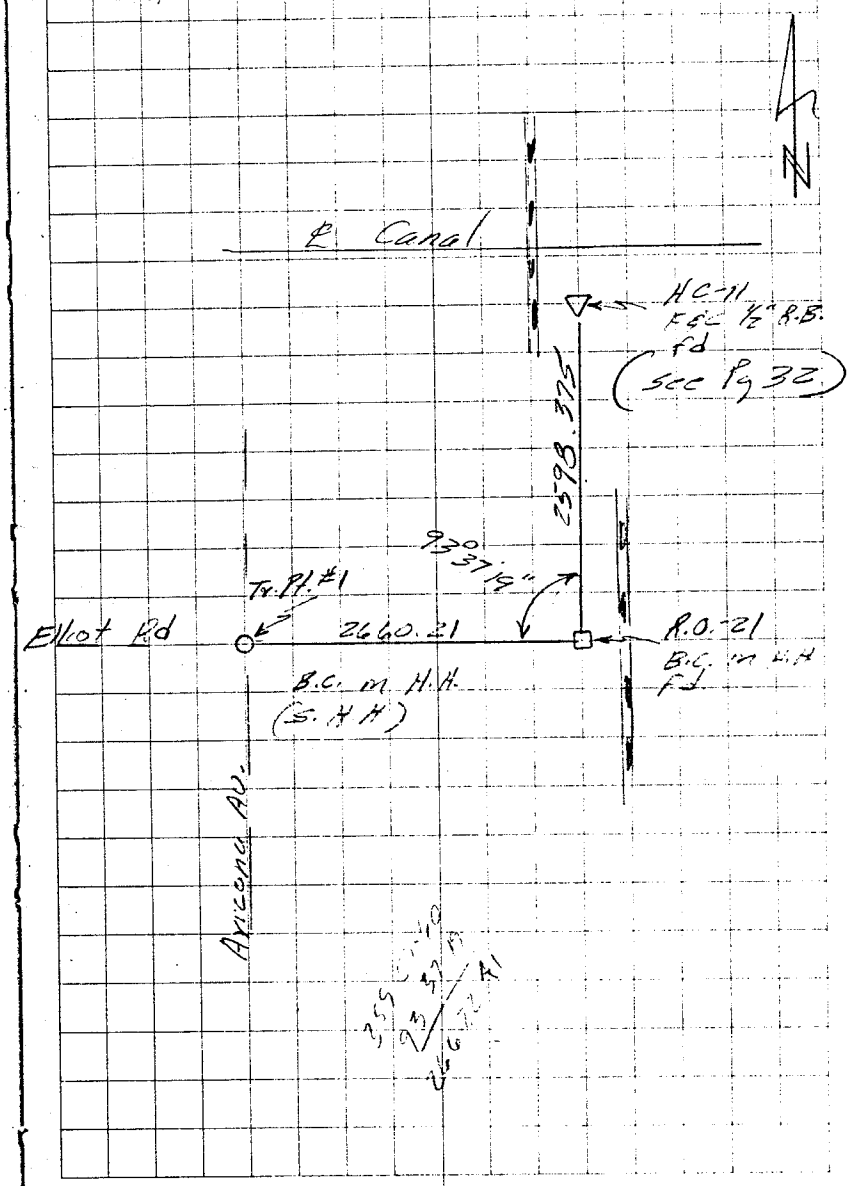
S.D. = 2598.39

H.D. = 2598.38 ✓

L. Van Dyke
C. Alexander
R. McMurray
T. Craven

8/26/87





MCFCD | Traverse | Thru HC & RO's

(1) RO-21 → (2) TP #1 → (3) TP #2

∠#1 = 181°20'45"

∠#6 = 08°04'54"

MN ∠ = 181°20'49" ✓

H.D. to RO-11

Z∠ = 89°51'48

S.D. = 2660.21

H.D = 2660.20 ✓

H.D. to TP #2

Z∠ = 90°08'48"

S.D. = 2852.71

H.D. = 2852.70 ✓

8/26/87

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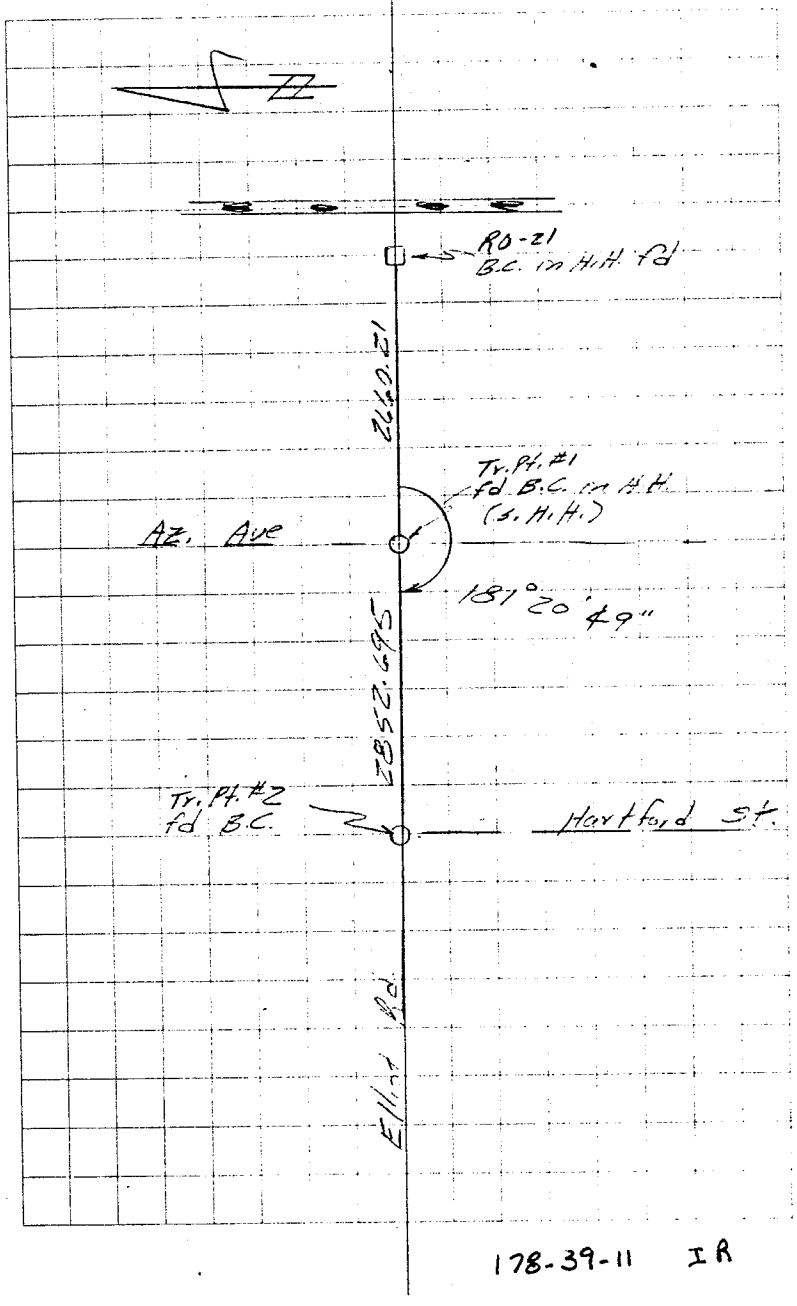
32




178-39-11 IR

MCFCD | Traverse | thru HCS & RD's

(2) TP #1 → (3) TP #2 → (4) TP #3

∠#1 = 179°30'00" (179°30'03")

∠#2 = 357°01'00" (357°01'14")

M/A = 179°30'10" (179°30'12") ✓

(Use 179°30'11")

H.D. to TP #1 =

∠ = 89°54'37"

S.D. = 2852.69

H.D. = 2852.69 ✓

H.D. to TP #3

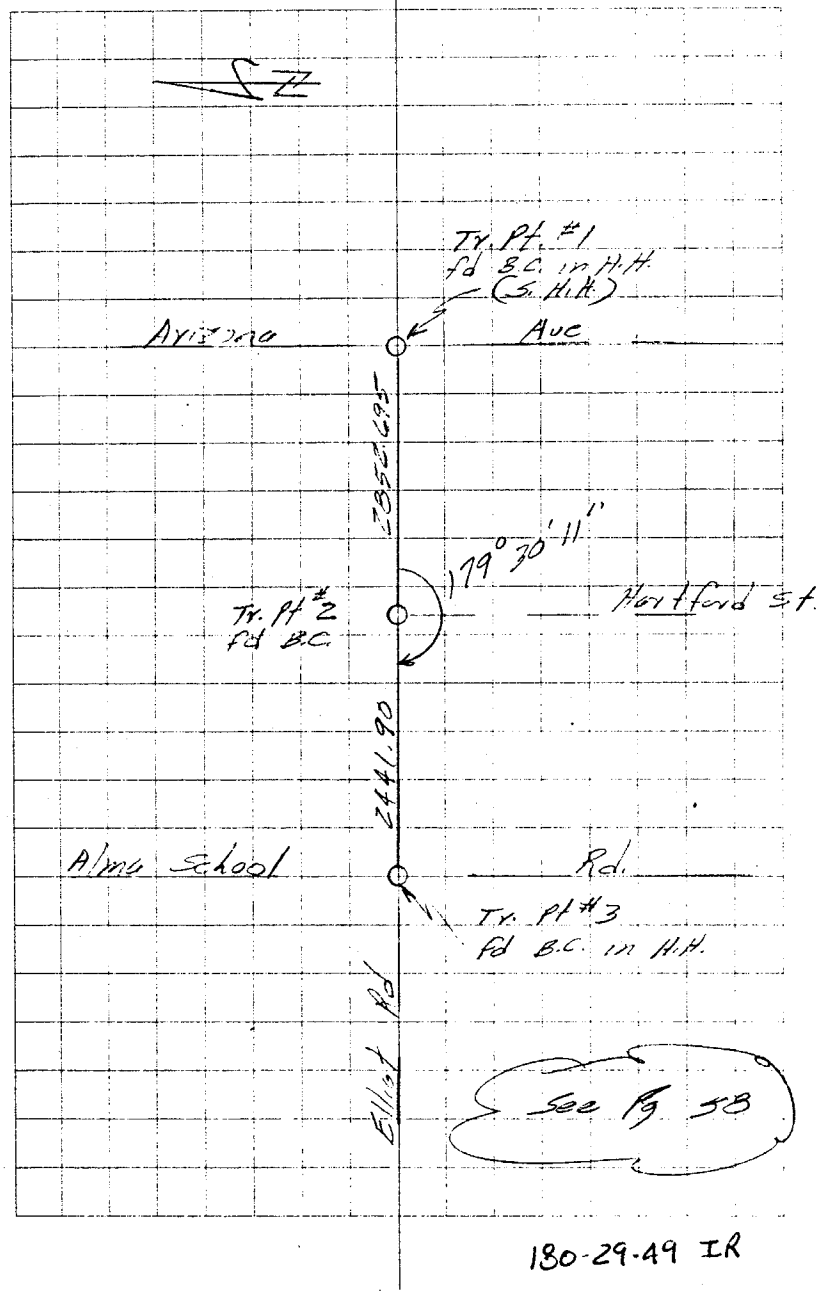
∠ = 90°06'60"

S.D. = 2441.89

H.D. = 2441.89 ✓

8/26/87

803/3C




180-29-49 IR

MCFCD Traverse Thru HC's & RO's

(3) TP#2 → (4) TP#3 → (5) HC-19

∠#1 = 270°02'58"

∠#2 = 180°17'53"

MI∠ = 270°02'59" ✓

HD To HC-19

Z∠ = 90°03'17"

S.D. = 374.37

H.D. = 374.37 ✓

(3) TP#2 — (4) TP#3 — (6) TP#4 (see Pg 78)

∠#1 = 178°12'32"

∠#2 = 349°15'27"

MI∠ = 178°12'35" ✓

HD to TP#2

Z∠ = 89°57'38"

S.D. = 2441.91

H.D. = 2441.91 ✓

HD to TP#4

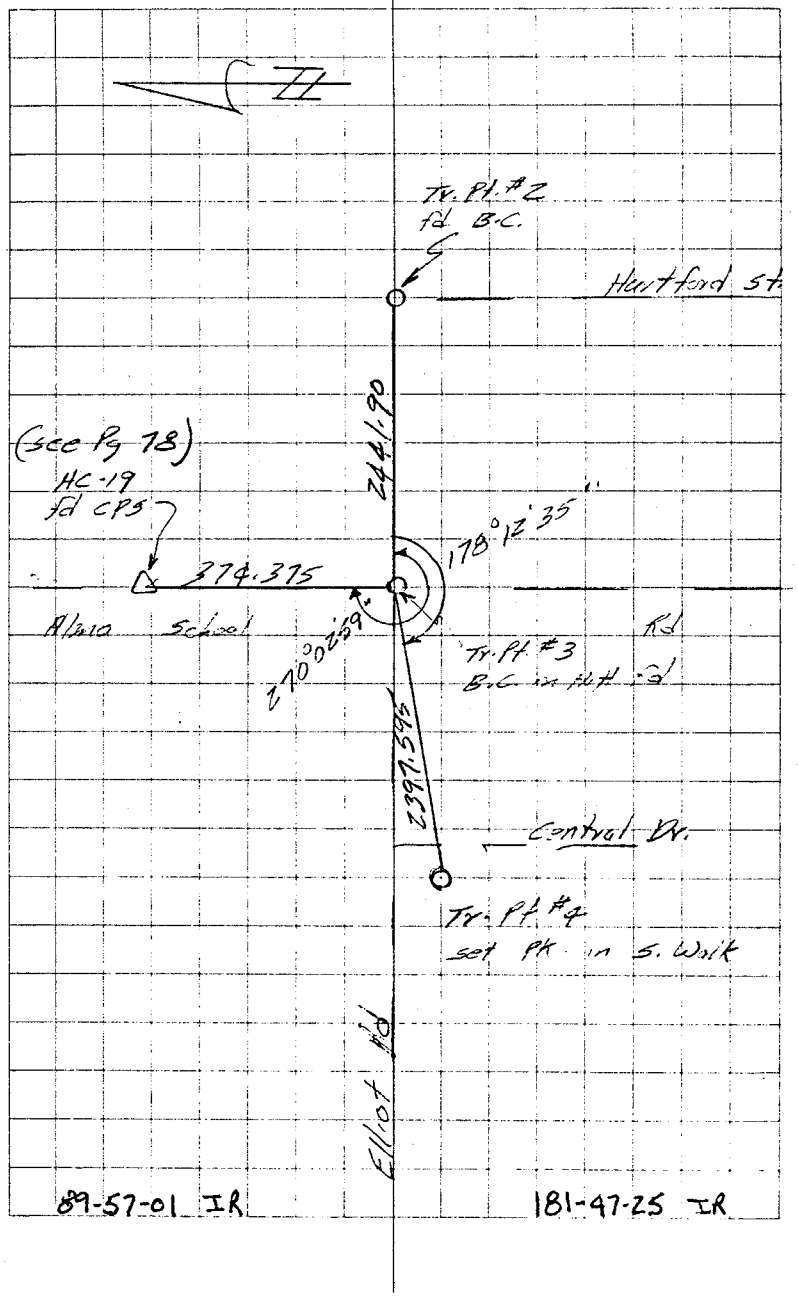
Z∠ = 90°05'14"

S.D. = 2397.59

H.D. = 2397.59 ✓

8/26/87

303



MCFCD Traverse Thru HC's & R.O.'s

B/E-C/37

803/43

(4) TP#3 → (6) TP#4 → (-7) S¼ Cor

∠#1 = 189°09'50"

∠#2 = 18°19'37"

MM = 189°09'47" ✓

HD to S.½ Cor

Z∠ = 90°09'34"

S.D. = 252.77

H.D. = 252.77 ✓

(4) TP#3 → (6) TP#4 → (8) RO-20

∠#1 = 181°34'17"

∠#2 = 09°25'23"

MM = 181°34'14" ✓

HD to TP#3

Z∠ = 89°58'24"

S.D. = 2397.60

H.D. = 2397.60 ✓

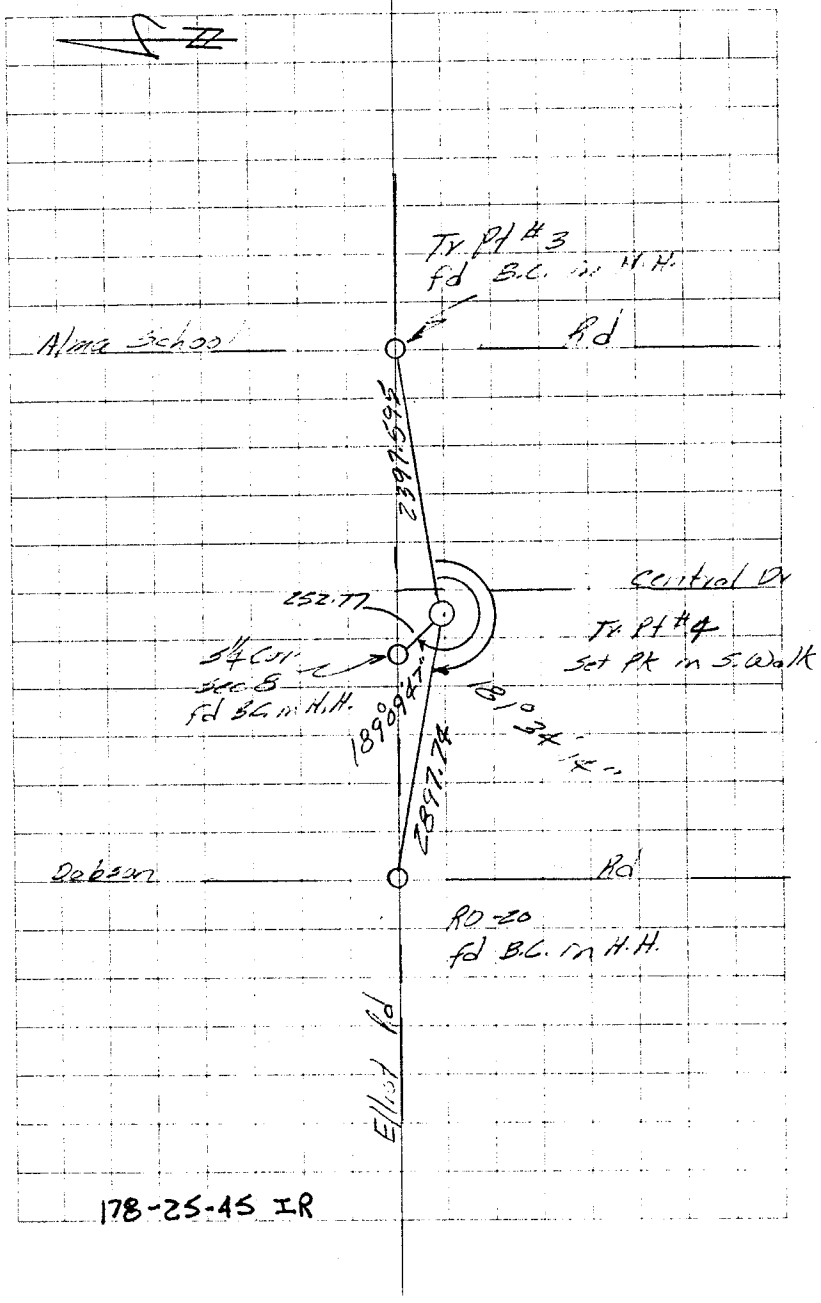
RO-20

HD to ~~TP#5~~

Z∠ = 90°05'16"

S.D. = 2897.74

H.D. = 2897.74 ✓




178-25-45 IR

MCFCD Traverse Thru HC's & RO's

8/26/87

803/42

(6) TP#4 → (8) RO-20 → (9) TP#5

π

∡#1 = 178°41'34"

∡#6 = 352°09'50"

MN∡ = 178°41'38" ✓

HD to TP#4

Z∡ = 89°57'01"

S.D. = 2897.74

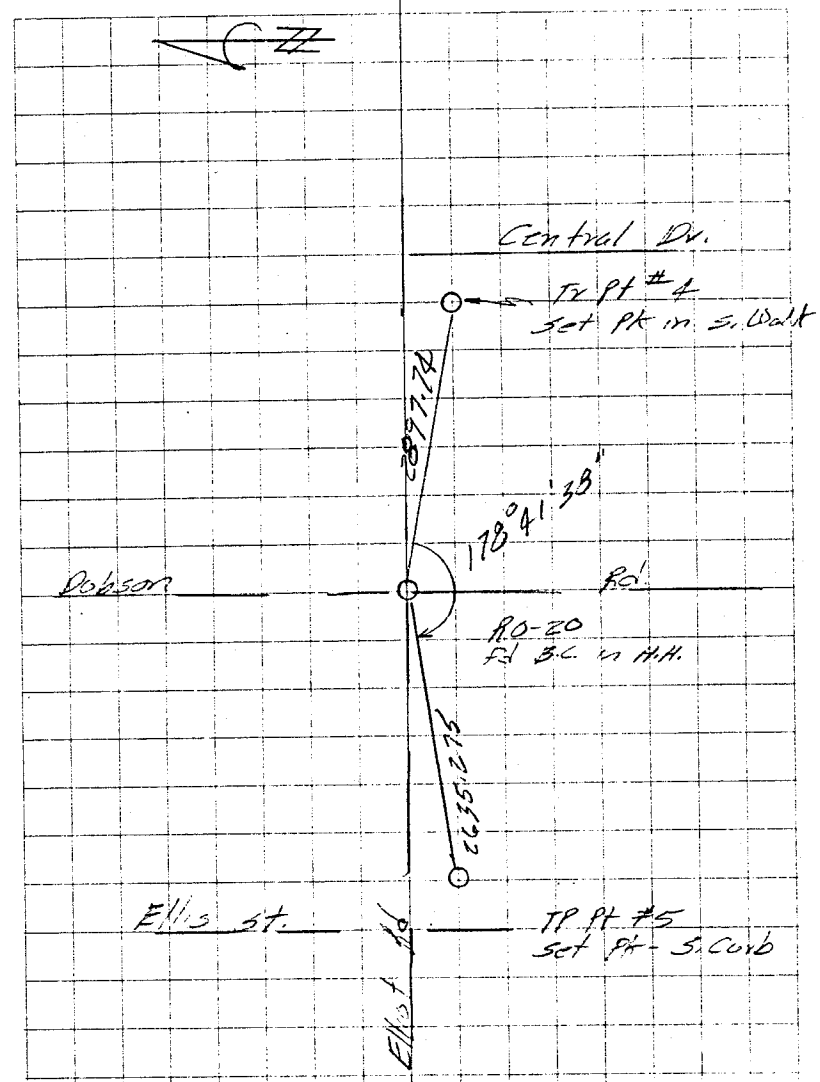
H.D. = 2897.74 ✓

HD to TP#5

Z∡ = 90°05'14"

S.D. = 2635.27

H.D. = 2635.27 ✓




181-18-22 IR

MCFCD | Traverse Thru HC's & RP's

(8) RO-20 → (9) TP #5 → (10) 5¼ Cor

∠#1 = 203°14'48"

∠#2 = 46°29'28"

MN ∠ = 203°14'44" ✓

HD to 5¼ Cor.

Σ∠ =

S.D. =

H.D. = 84.79 (chained)

(8) RO-20 → (9) TP #5 → (11) TP #6

∠#1 = 181°24'11"

∠#6 = 8°25'11"

MN ∠ = 181°24'12" ✓

HD to RO-20

Σ∠ = 89°57'32"

S.D. = 2635.28

H.D. = 2635.28 ✓

HD to TP #6

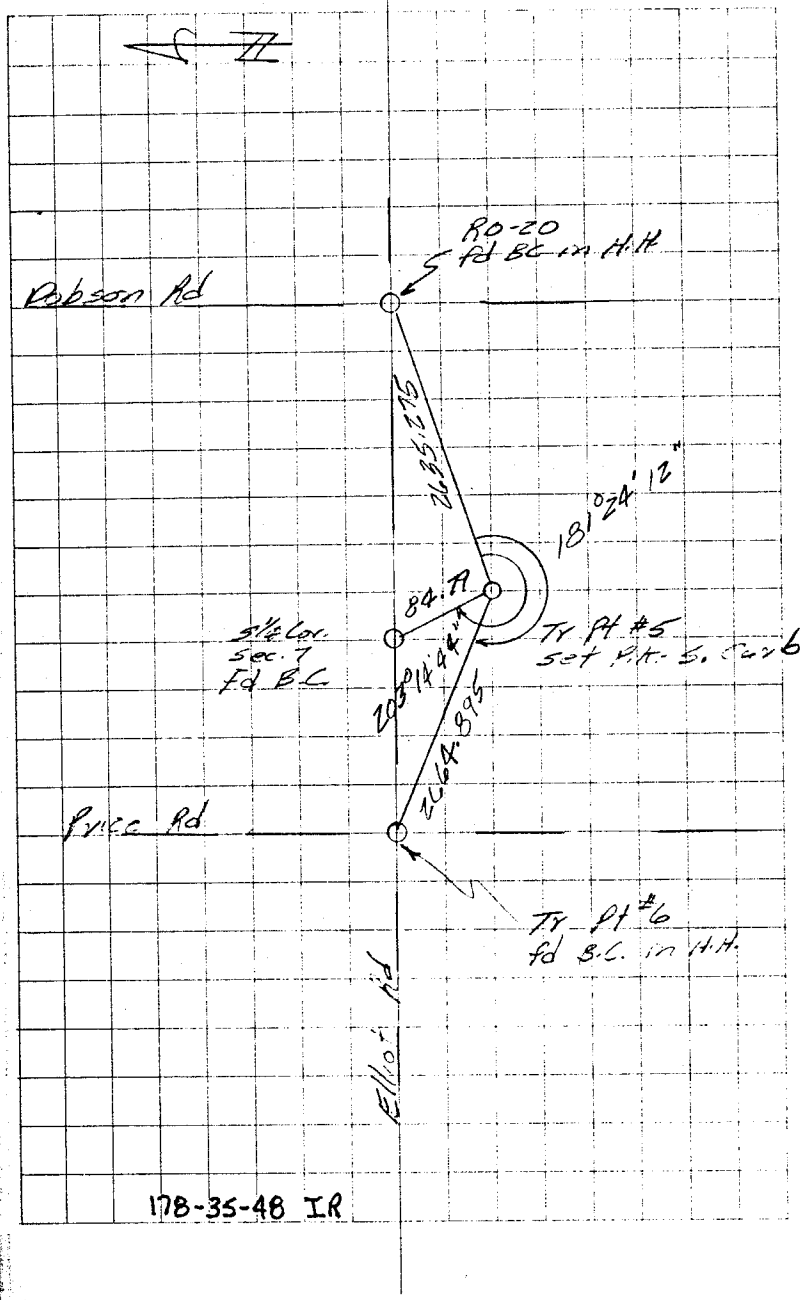
Σ∠ = 90°04'26

S.D. = 2664.90

H.D. = 2664.90 ✓

6/26/87

313
42



MCFCD Traverse thru HC's & RO's

8/26/87

803/46

(9) TP#5 → (11) TP#6 → (12) HC-18

∡#1 = 269°37'08"

∡#6 = 177°42'44"

M∡ = 269°37'07" ✓

HD to TP#5

Z∡ = 89°57'48"

S.D. = 2664.89

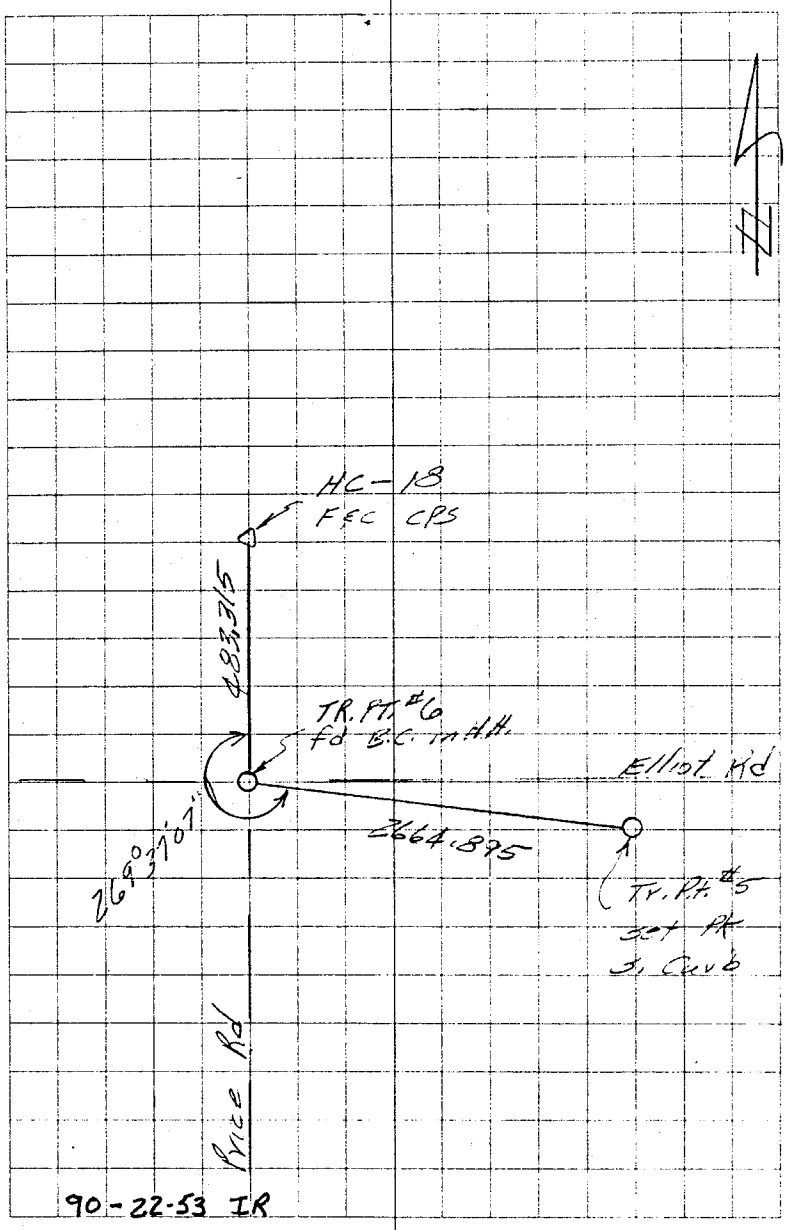
H.D. = 2664.89 ✓

HD to HC-18

Z∡ = 89°58'22"

S.D. = 483.30

H.D. = 483.30 ✓




90-22-53 IR

MCFCD Traverse thru HC's #10's

(13) TP#7 → (12) HC-18 → (11) TP#6

$\Sigma$

$\angle$#1 = ~~180°35'39"~~ (180°35'42")

$\angle$#6 = ~~3°30'01"~~ (3°34'09")

MNX = ~~180°35'00"~~ (180°35'42") ✓

HD to TP#6

$\Sigma\angle$ = 90°06'27"

S.D. = 483.33

H.D. = 483.33 ✓

HD to TP#7

$\Sigma\angle$ = 89°57'08"

SD = 1421.04

H.D. = 1421.04 ✓

8/26/87

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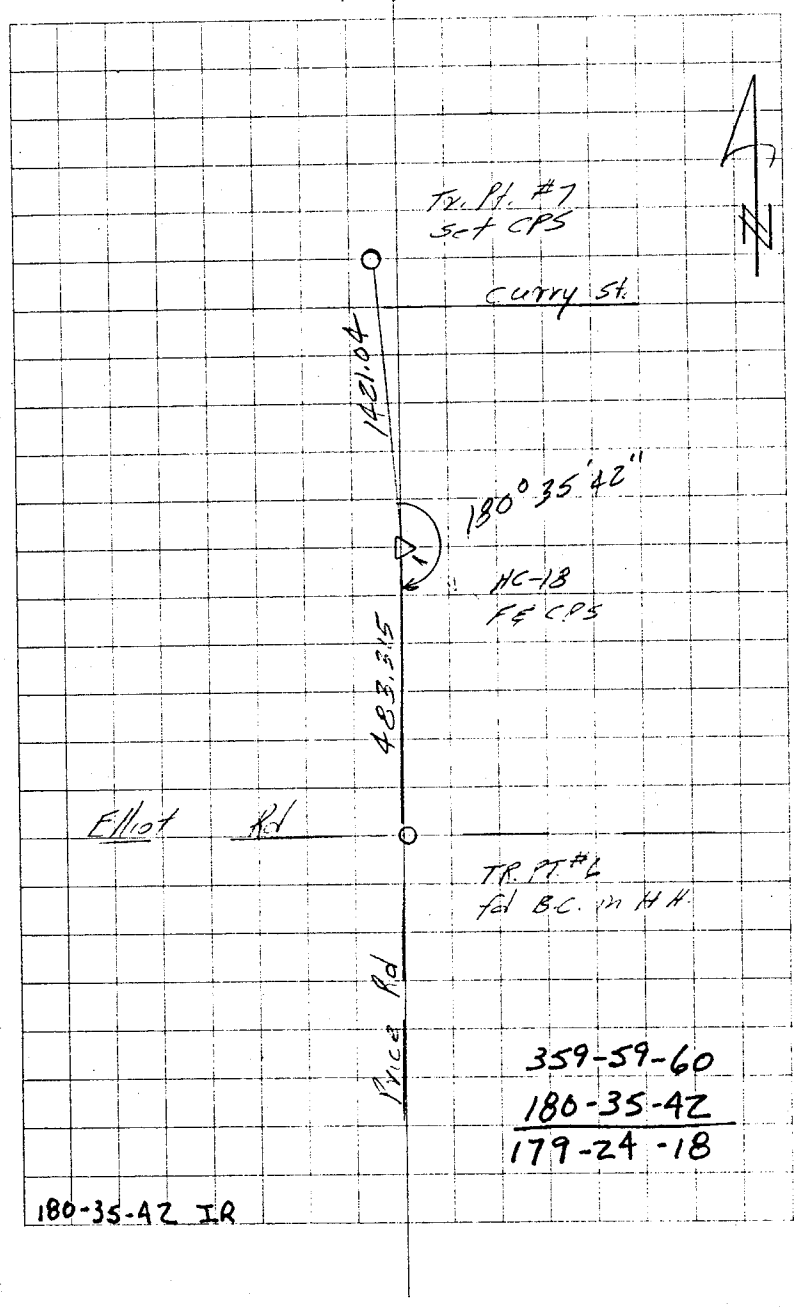



359-59-60
180-35-42
179-24-18

180-35-42 IR

MCFCD Traverse thru HC's & RO's

8/26/97

303/50

(12) HC-18 → (13) TP #7 → (14) R.O.-15

TP #7

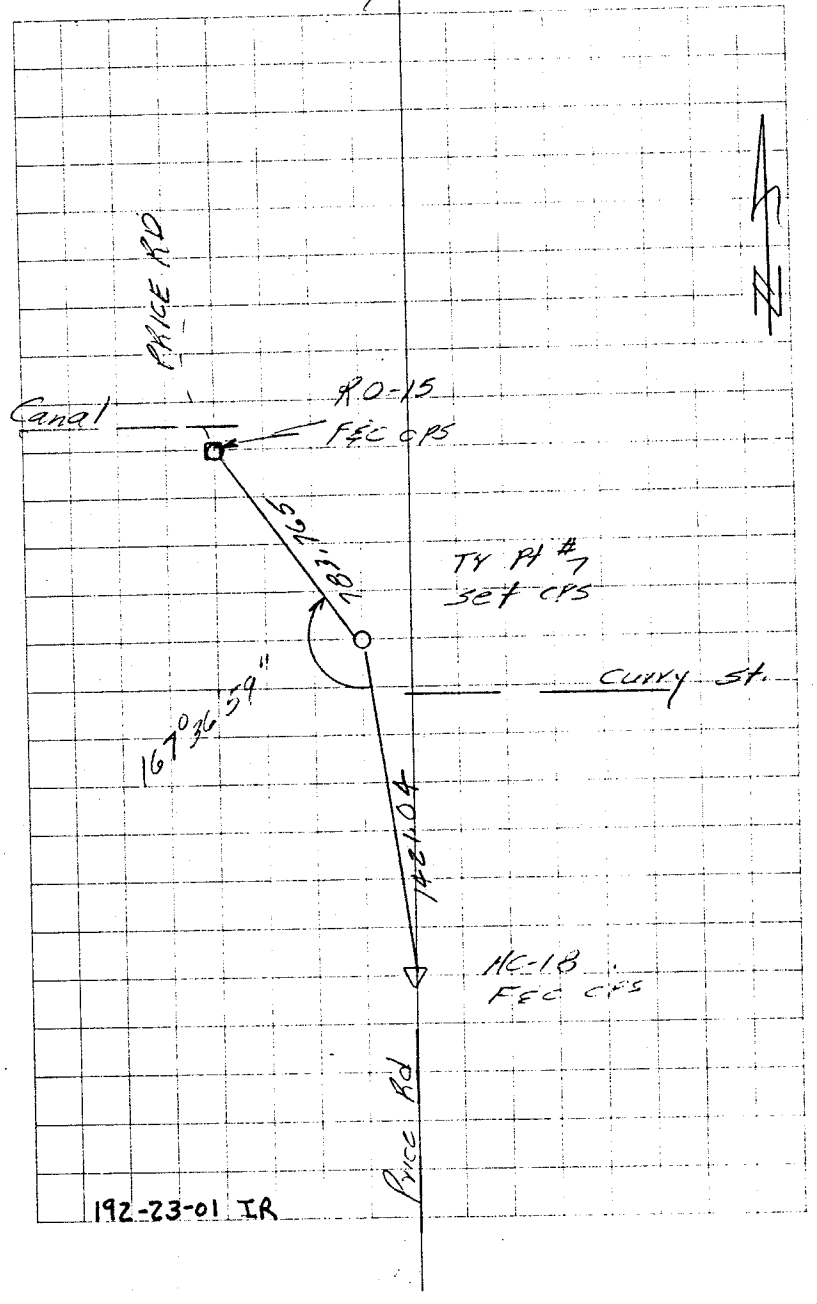
∠#1 = 167°36'56"
∠#6 = 285°41'54"
MNX = 167°36'59" ✓

HD To HC-18

ΣX = 90°05'52"
SD = 1421.04
HD = 1421.04 ✓

HD to RO-15

ΣX = 89°54'37"
S.D. = 783.75
H.D. = 783.75 ✓



MCFCD Traverse Thru HC's & RO's

(14) (15)

HC-9 → RO-15 → W¼ Cor.

∠#1 = ~~99°45'36"~~ (99°45'54")

∠#2 = ~~199°31'48"~~ (199°31'51") ✓

MN∠ = ~~99°45'54"~~ (99°45'55")

HD To W¼ Cor — 292-23-35

Z∠ = 90°13'36"

S.D. = 188.60

H.D. = 188.60 ✓

(16) (14) (13)

HC-9 → RO-15 → TP #7

∠#1 = 167°22'20"

∠#6 = 284°14'21"

MN∠ = 167°22'24" ✓

HD TP #7

Z∠ = 90°09'40"

SD = 783.78

HD = 783.78 ✓

HD to HC-9

Z∠ = 89°59'34"

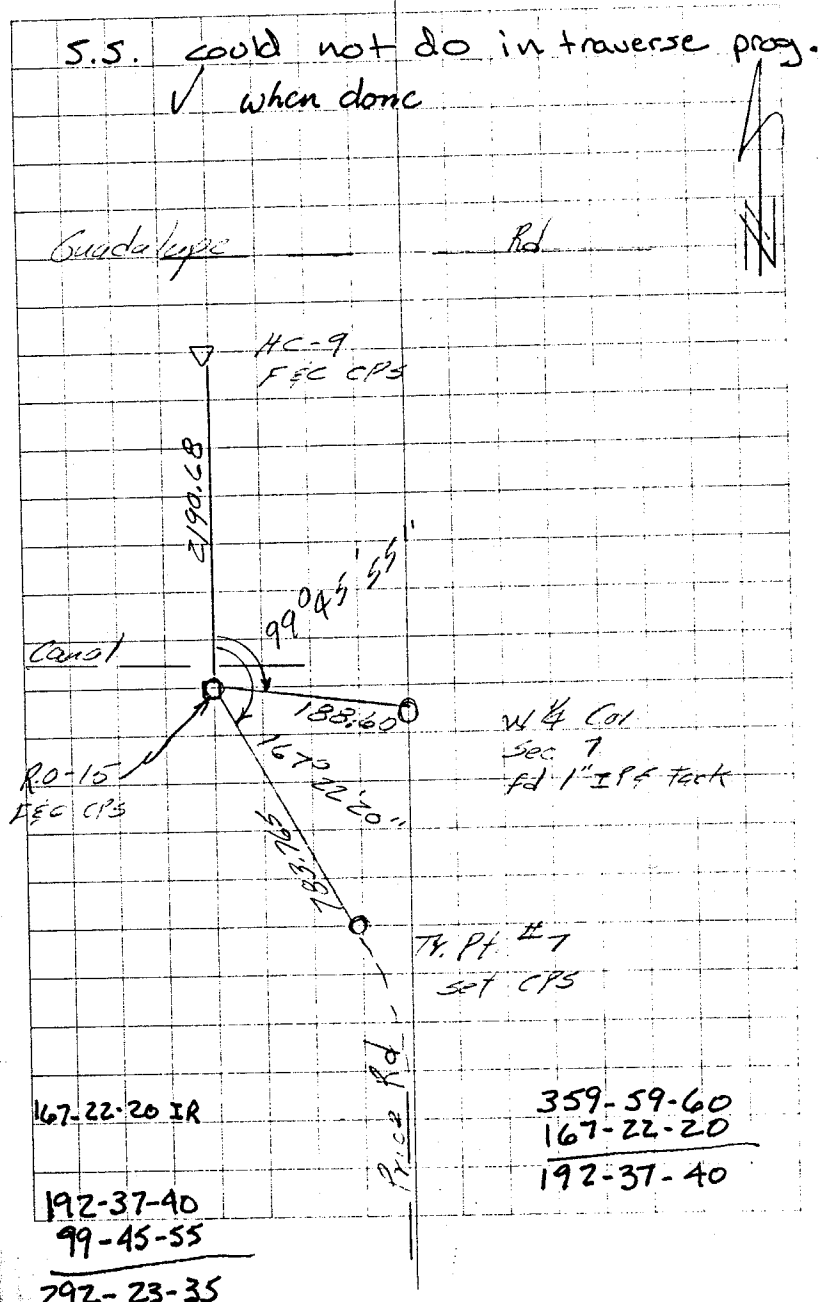
SD = 2190.68 ✓

HD = 2190.68

8/26/87

803/52

S.S. could not do in traverse prog. ✓ when done



MCFCD

Traverse Thru HC's & RO's

(14) RO-15 → (16) HC-9 → (17) TP #8

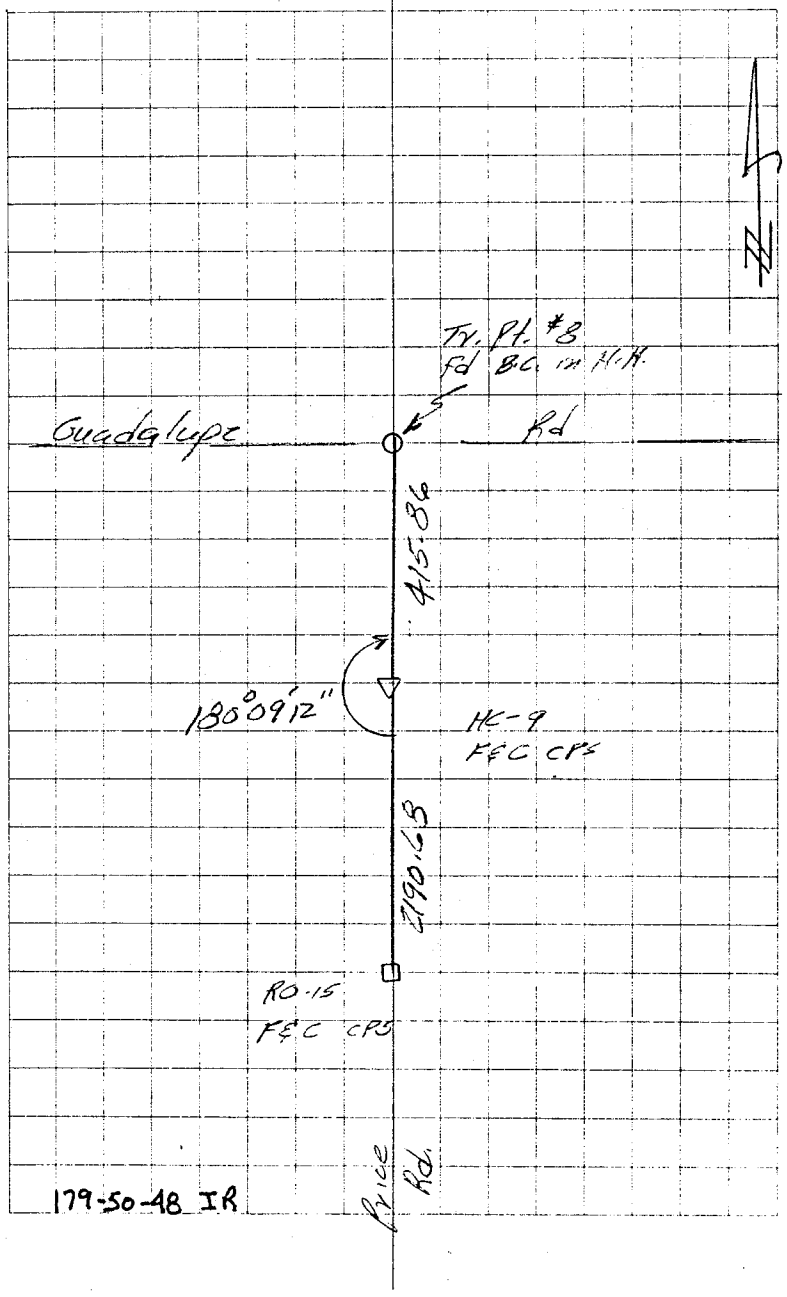
∠#1 = 180°09'14"
∠#6 = 0°55'11"
MN∠ = 180°09'12" ✓

HD to RO-15
Z∠ = 90°02'48"
S.D. = 2190.68
H.D. = 2190.68 ✓

HD to T.P. #8
Z∠ = 89°56'22"
S.D. = 415.86
H.D. = 415.86 ✓

8/26/87

503/54



MCFCP Traverse Thru HC's & RO's

8/26/87

503/56

(18) TP#9 → (17) TP#8 → (16) HC-9

∠#1 = 90°13'25" (90°13'32")

∠#6 = 181°21'27" (181°21'42"

M/∠ = 90°13'35" (90°13'37")

Use 90°13'36"

HD to HC-9

Z∠ = 90°11'06"

SD = 415.86

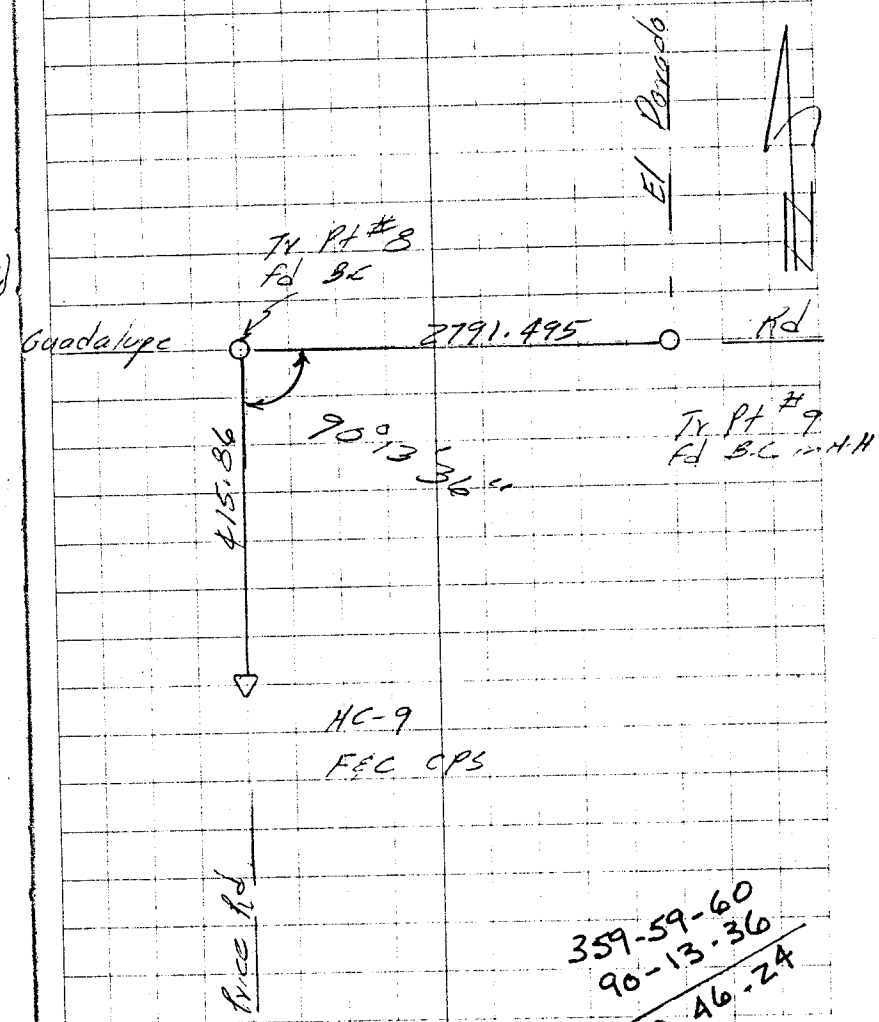
HD = 415.86 ✓

HD to TP#9

Z∠ = 90°03'03"

S.D. = 2791.50

H.D. = 2791.50 ✓




359-59-60
90-13-36
269-46-24

90-13-36 IR

MCFCD Traverse thru Block 1

(2) TP#3 → (3) TP#2 → (30) 5¼ Cor.

∡#1 = 179°59'30"

∡#2 = 359°59'24"

M1∡ = 179°59'42" ✓

HD to 5¼ Cor.

Z∡ = 90°04'15"

S.D. = 199.99

H.D. = 199.99 ✓

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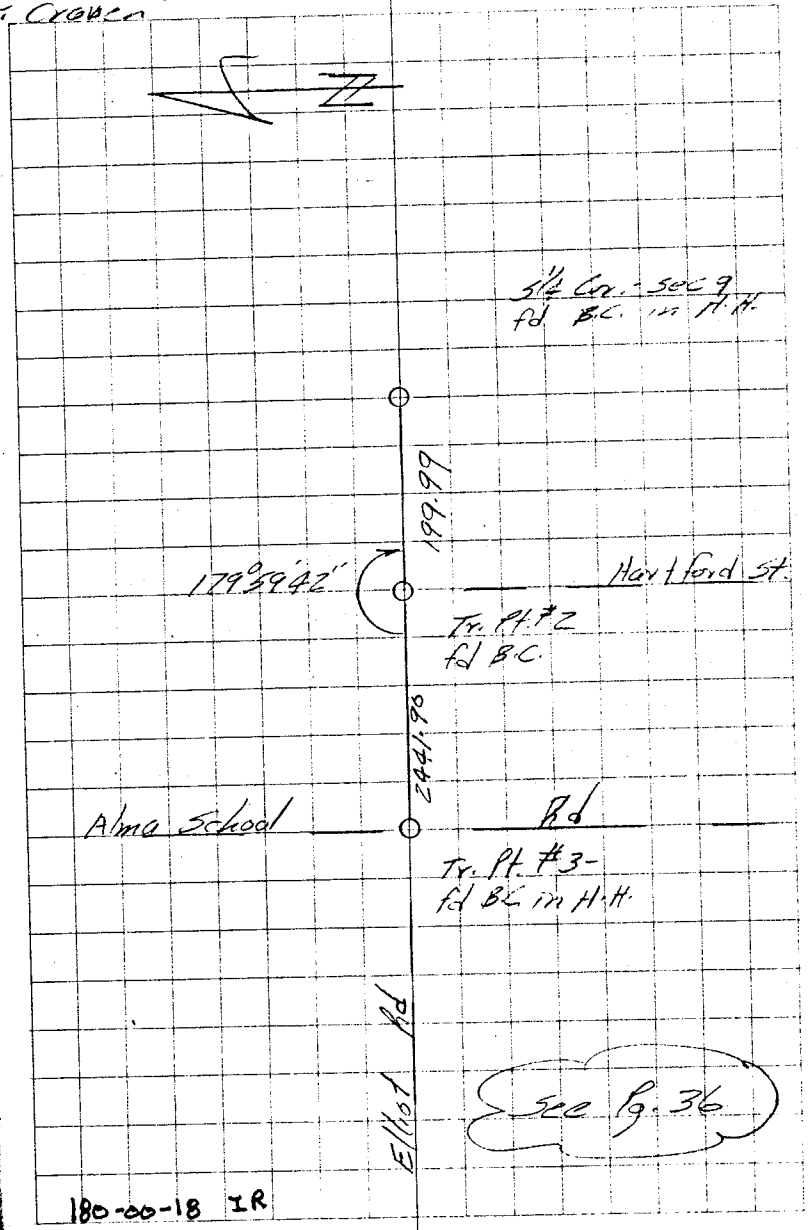
8/27/87

803/58




See Pg. 36

180-00-18 IR

MCFCD Traverse — Block 1

8/27/37

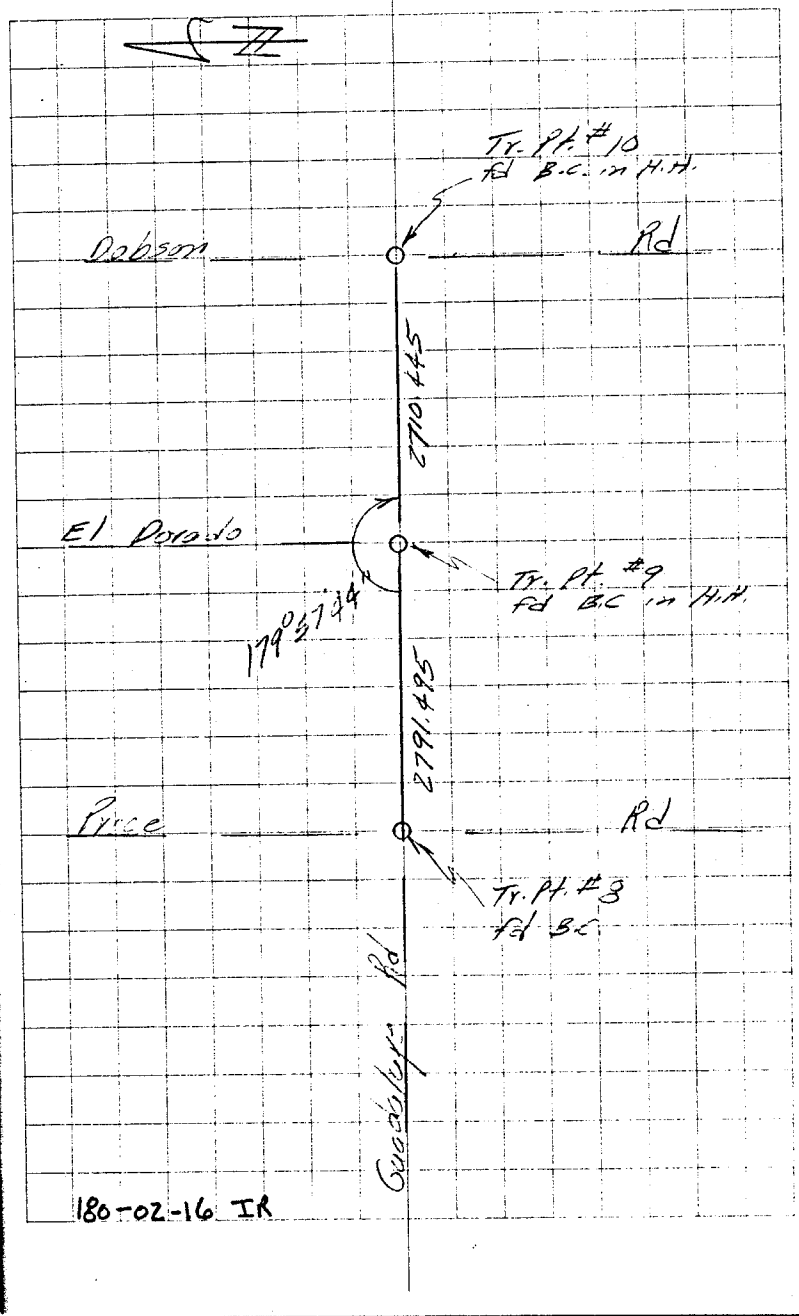
303/60

(17) TP #8 → (18) TP #9 → (19) TP #10

∠#1 = 179°57'39"
∠#6 = 359°46'29"
MN ∠ = 179°57'44" ✓

HD to TP #8
Z∠ = 89°59'38"
S.D. = 2791.49
H.D. = 2791.49 ✓

HD to TP #10
Z∠ = 89°59'12"
S.D. = 2710.44
H.D. = 2710.44 ✓



MCFCD

Traverse - Block #1

8/27/87

803/62

(18) TP #9 → (19) TP #10 → (20) TP #11

$\measuredangle$ #1 = 180°05'19"

$\measuredangle$ #2 = 0°31'27"

MN $\measuredangle$ = 180°05'15" J

HD to TP #9

Z $\measuredangle$ = 90°03'55"

S.D. = 2710.45

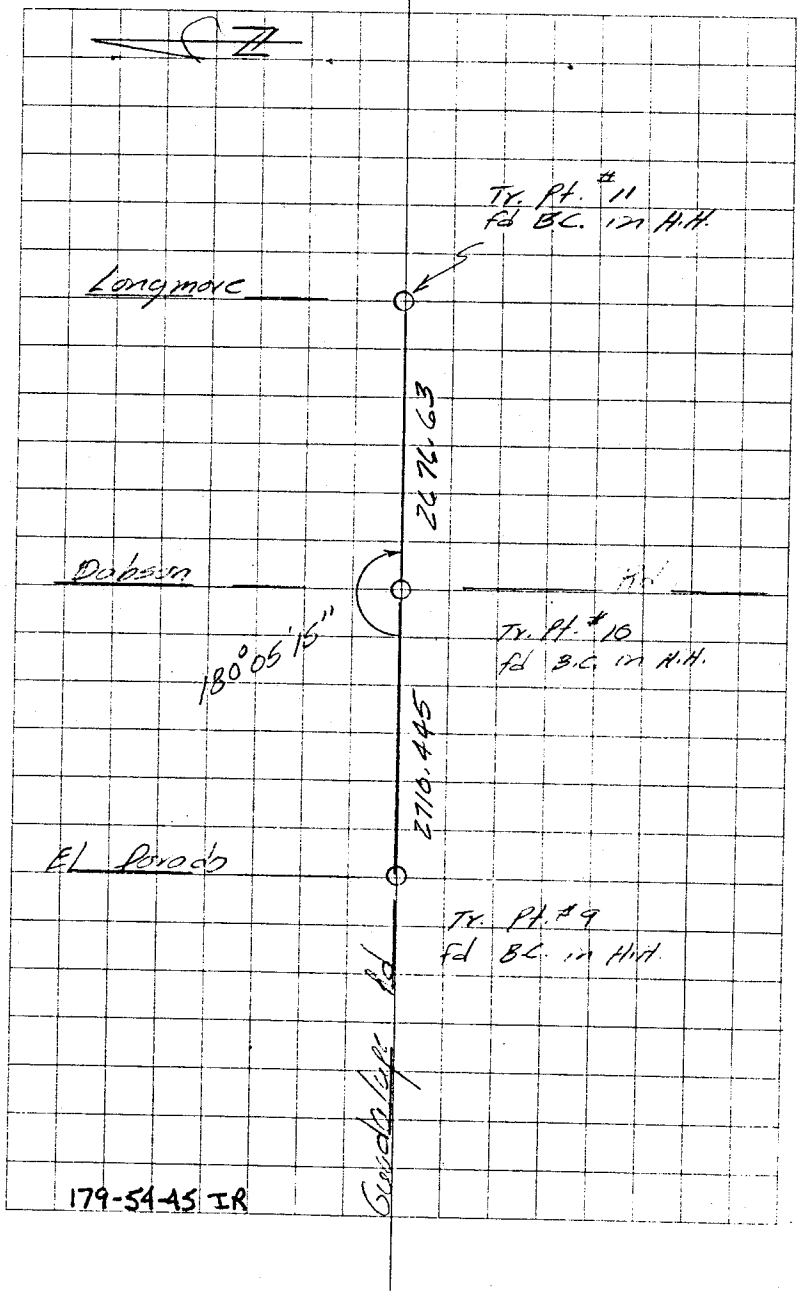
H.D. = 2710.45 J

HD to TP #11

Z $\measuredangle$ = 89°57'12"

S.D. = 2676.62

H.D. = 2676.62 J



MCFCD Traverse - Block-1

(19) TP #10 → (20) TP #11 → (21) TP #12

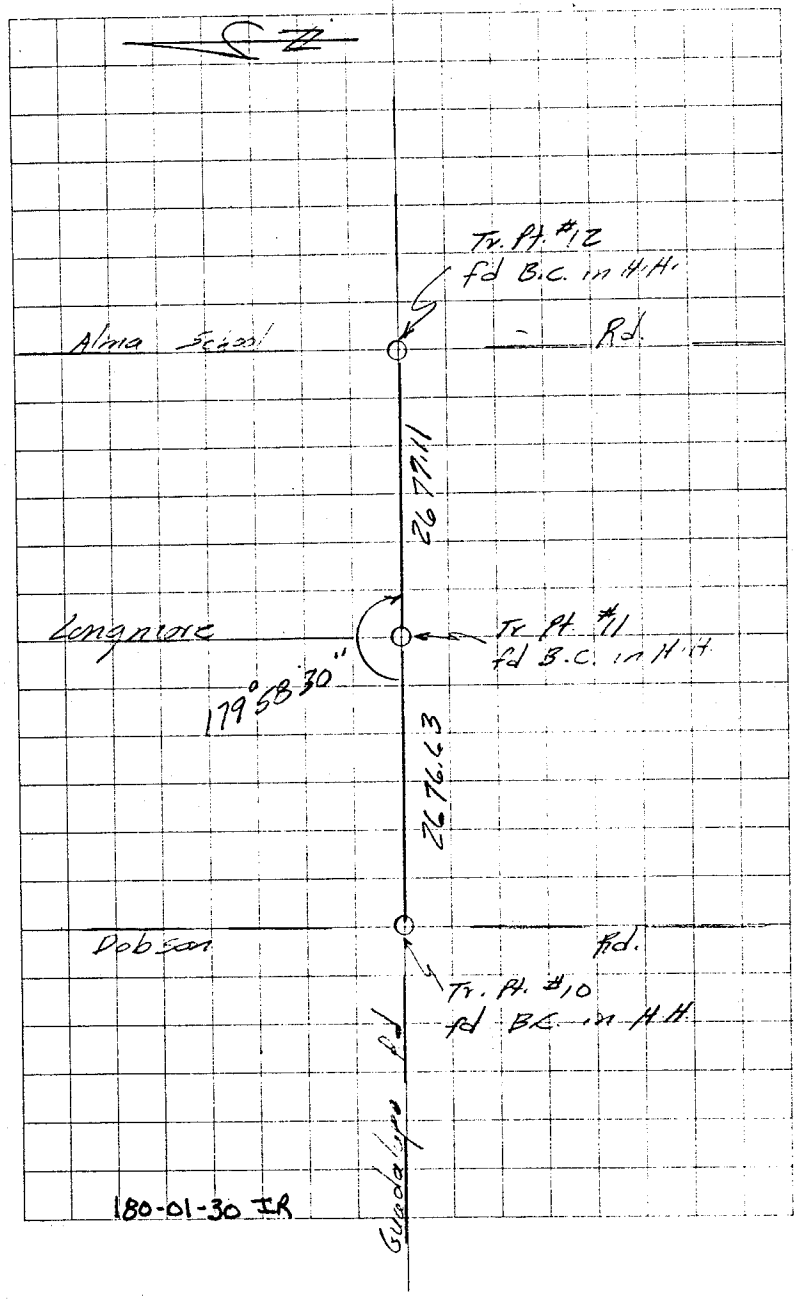
∠#1 = 179°58'26"
∠#6 = 359°50'57"
MN ∠ = 179°58'30" ✓

HD to TP #10
Z∠ = 90°05'16"
S.D. = 2676.64
H.D. = 2676.64 ✓

HD to TP #12
Z∠ = 89°57'32"
S.D. = 2677.11
H.D. = 2677.11 ✓

8/27/87

303/64



MCFCD Traverse - Block 1

(20) TP #11 → (21) TP #12 → (22) HC-10

∠#1 = 270°58'44"
∠#6 = 185°52'51"
MNX = 270°58'49" ✓

HD to HC-10
ZX = 90°05'50"
S.D. = 1481.73
H.D. = 1481.73 ✓

(20) TP #11 → (21) TP #12 → (23) TP #13

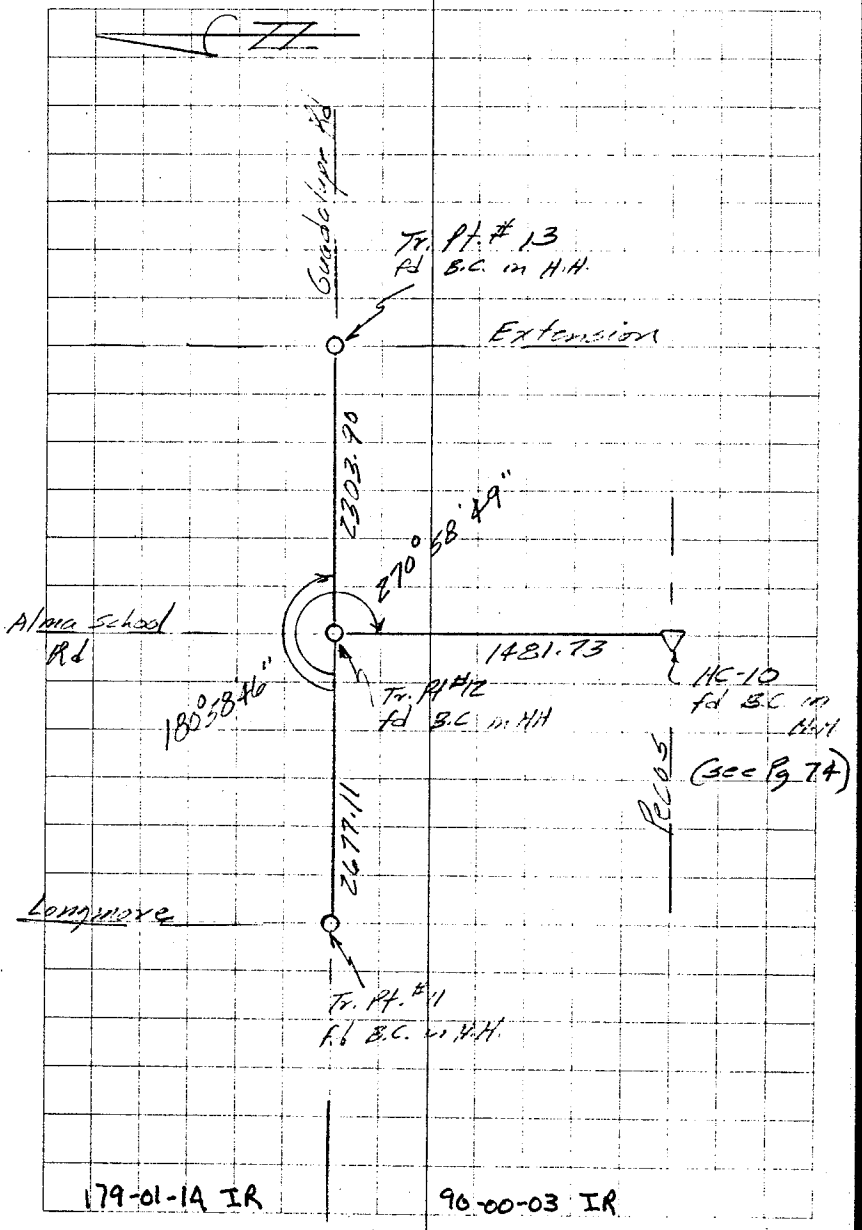
∠#1 = 180°58'43"
∠#6 = 5°52'38"
MNX = 180°58'46" ✓

HD to TP #11
ZX = 90°05'36"
S.D. = 2677.11
H.D. = 2677.11 ✓

H.D. to TP #13
ZX = 89°59'41"
S.D. = 2303.90
H.D. = 2303.90 ✓

8/27/87

803/66



MCFCD

Traverse - Block - 1

(24) TP #14 → (23) TP #13 → (21) TP #12

∠#1 = 179° 22' 11"

∠#6 = 356° 13' 00"

MN ∠ = 179° 22' 10" ✓

HD to TP #12

∠ = 90° 03' 32"

S.D. = 2303.90

H.D. = 2303.90 ✓

H.D. to TP #14

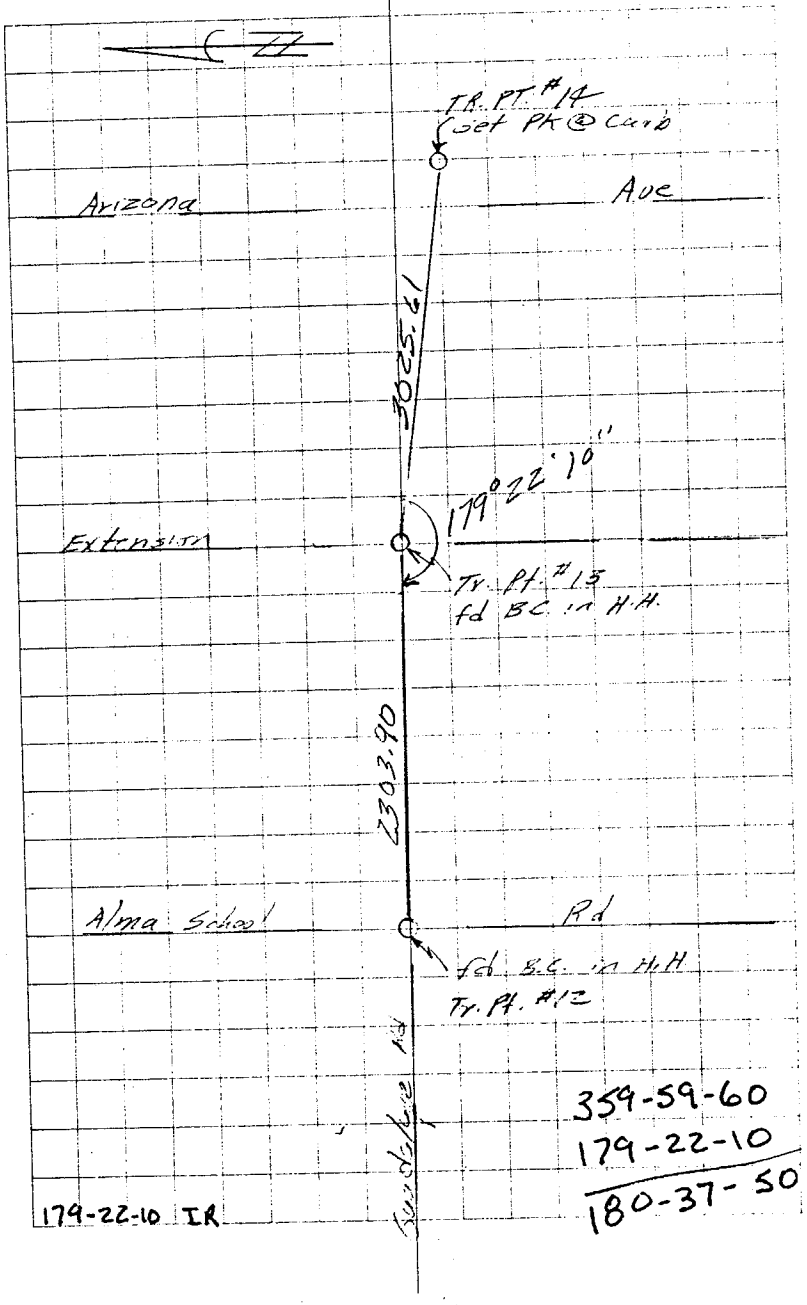
∠ = 89° 56' 15"

S.D. = 3025.61

H.D. = 3025.61 ✓

8/27/87

803/68



MCFCD Traverse Block 1

(23) TP #13 → (24) TP #14 → (25) NE Cor.

∠#1 = 25°51'06"
∠#2 = 51°42'30"
MN∠ = 25°51'15" ✓

HD to NE Cor.
Z∠ = 90°29'24"
S.D. = 77.34
H.D. = 77.34 ✓

(23) TP #13 → (24) TP #14 → (26) RO-9

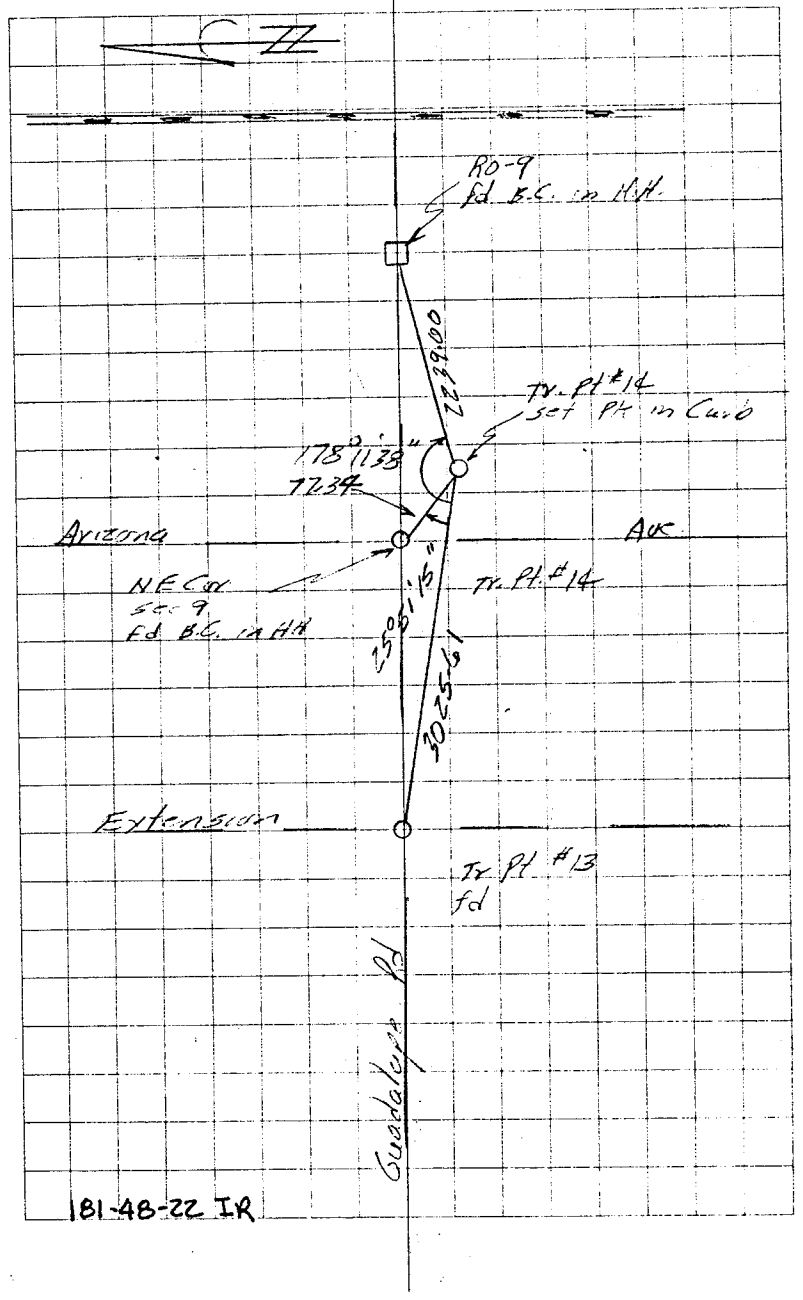
∠#5 = 178°11'40"
∠#6 = 349°09'47"
MN∠ = 178°11'38" ✓

HD to TP #13
Z∠ = 90°06'43"
SD = 3025.62
H.D. = 3025.61 ✓

HD to RO-9
Z∠ = 89°59'14"
S.D. = 2239.00
H.D. = 2239.00 ✓

8/27/87

803/70



MCFCD Traverse Block 1

8/27/87

903
72

(24) TP #14 → (26) RO-9 → (27) HC-7

∠ #1 = 96° 33' 43"
∠ #6 = 219° 22' 19"
MN ∠ = 96° 33' 43" ✓

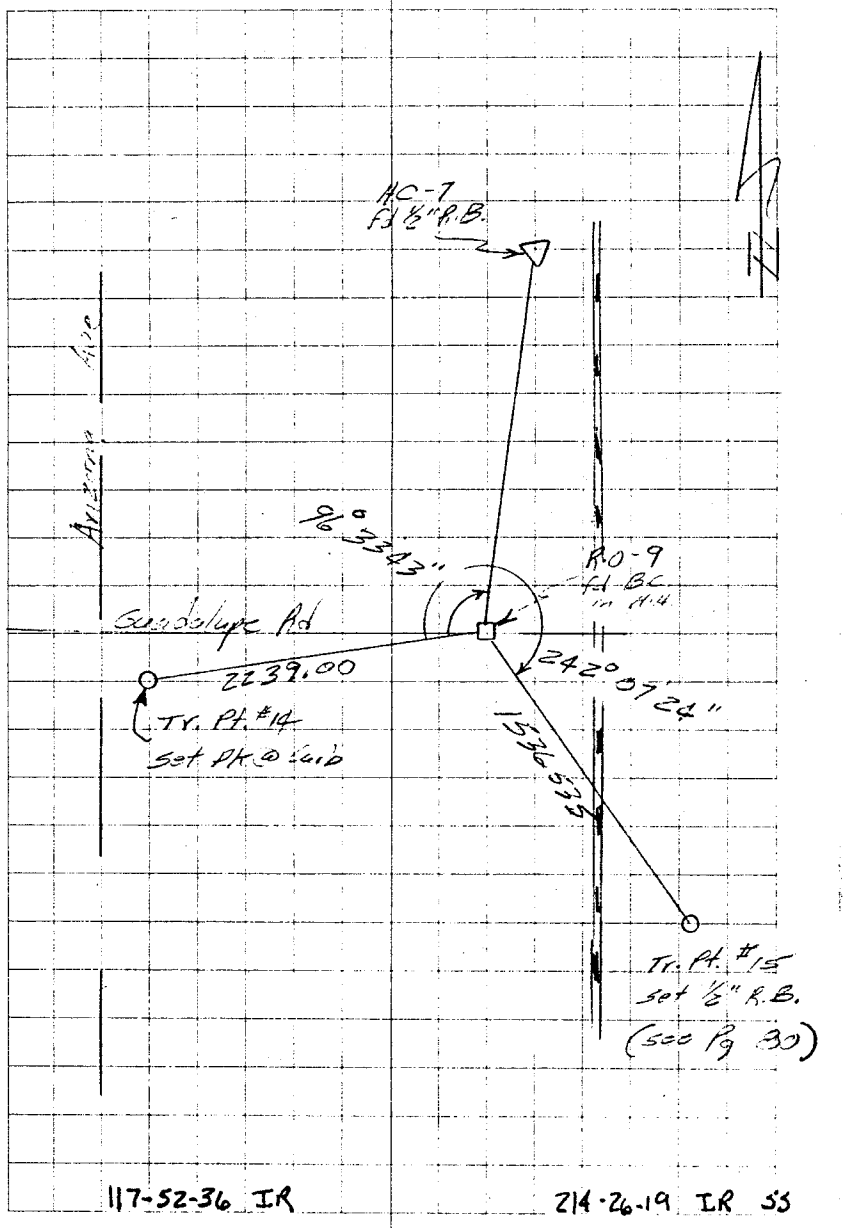
HD To HC-7
Z ∠ = 90° 04' 12"
S.D. = 2716.59
H.D. = 2716.59 ✓

(24) TP #14 → (26) RO-9 → (28) TP #15

∠ #1 = 242° 07' 16"
∠ #6 = 12° 44' 25"
MN ∠ = 242° 07' 24" ✓

HD To TP #14
Z ∠ = 90° 03' 44"
S.D. = 2239.00
H.D. = 2239.00 ✓

HD to TP #15
Z ∠ = 90° 01' 48"
S.D. = 1536.54 ✓
H.D. = 1536.54 ✓




117-52-36 IR

214-26-19 IR SS

MCFCO | Traverse | Block 1

(21) (22) (31)

TP #12 → HC-10 → RO-16

∠

∠#1 = 179°59'46"

∠#6 = 359°58'47"

MEAN = 179°59'48" ✓

HD to TP #12

Z∠ = 89°57'00

S.D. = 1481.73

H.D. = 1481.73 ✓

HD to RO-16

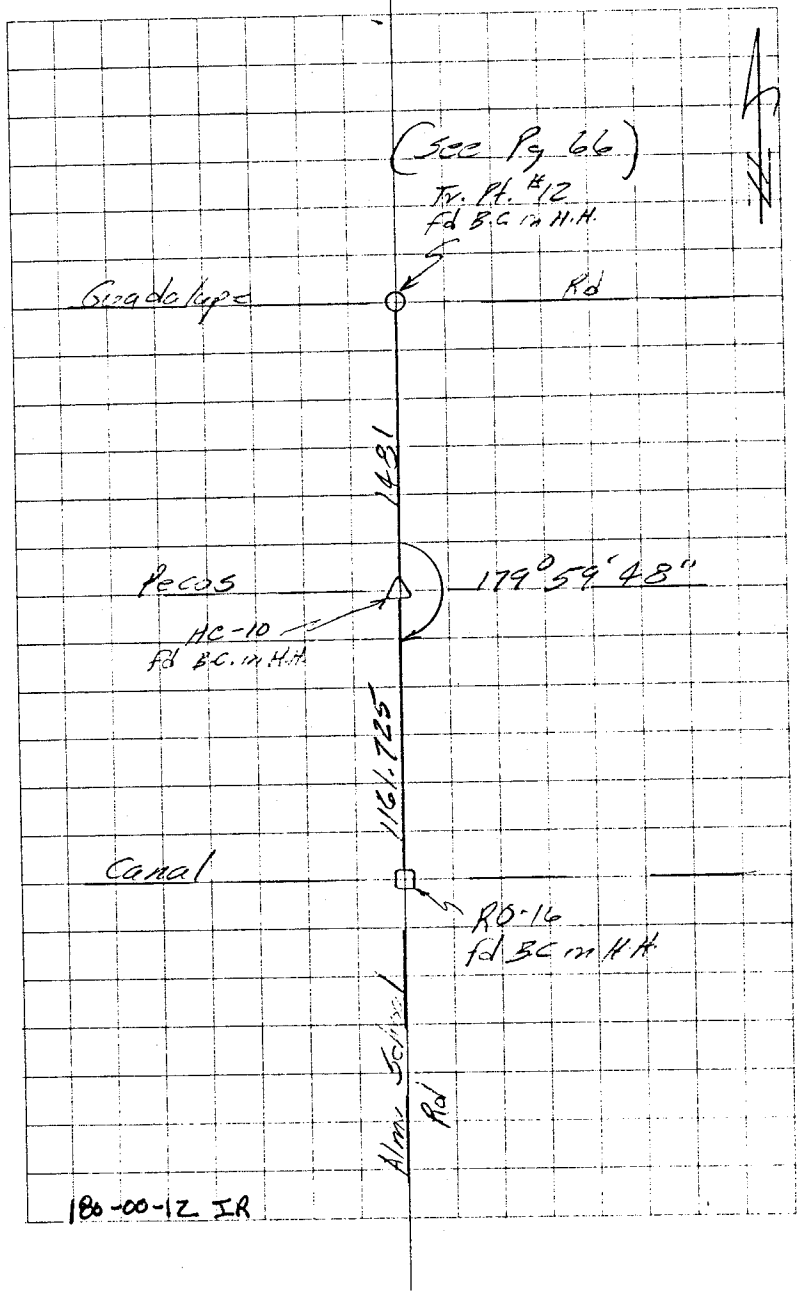
Z∠ = 89°54'25"

S.D. = 1161.72

H.D. = 1161.72 ✓

8/27/37

903/74




180-00-12 IR

MCFCD Traverse Block 1

(22) (31) (32)

HC-10 → RO-16 → HC-19

∡#1 = 180°02'52"

∡#6 = 0°17'36"

MN∡ = 180°02'56" ✓

HD to HC-10

Z∡ = 90°10'11"

S.D. = 1161.74

H.D. = 1161.73 ✓

HD to HC-19

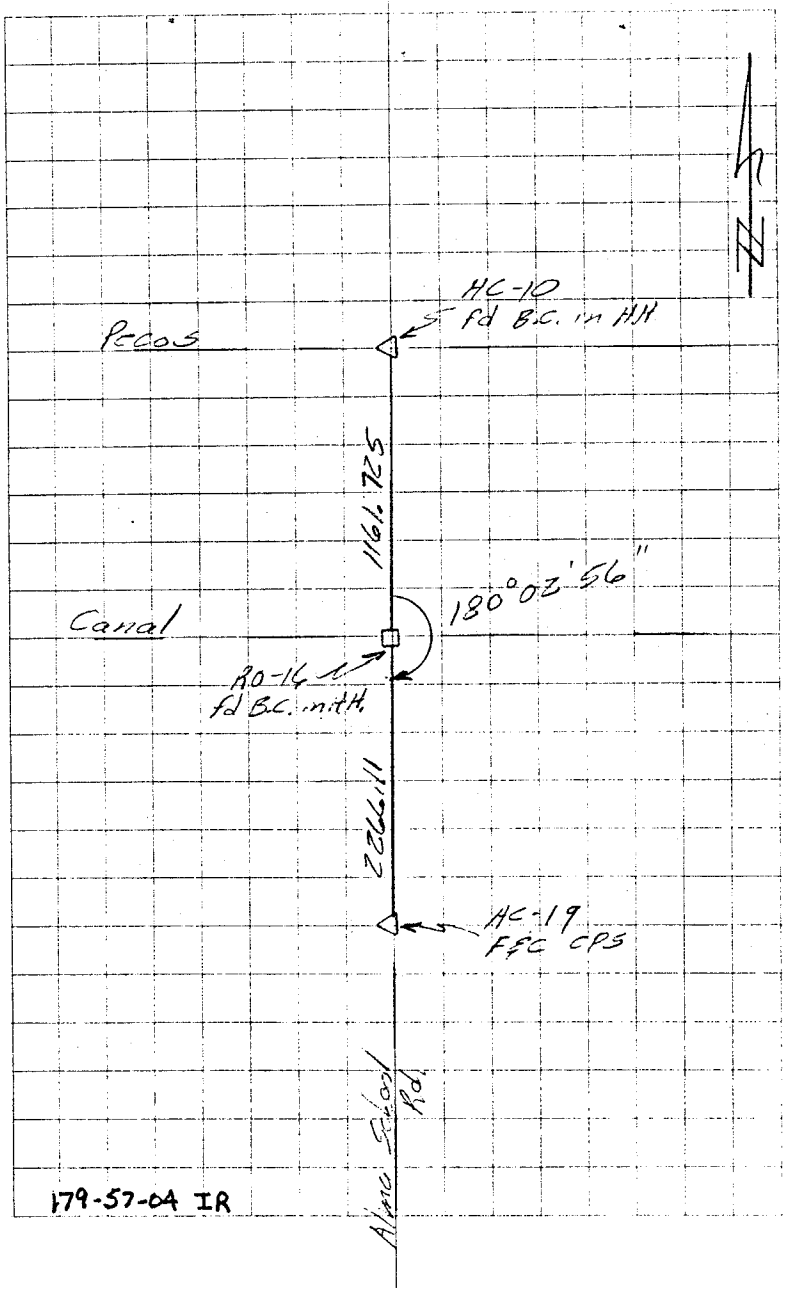
Z∡ = 90°04'51"

S.D. = 2266.12

H.D. = 2266.12 ✓

8/27/87

803/76




179-57-04 IR

1 MCFCD | Traverse | Block - 1

(31) RO-16 → (32) HC-19 → (33) or 4 TP #3

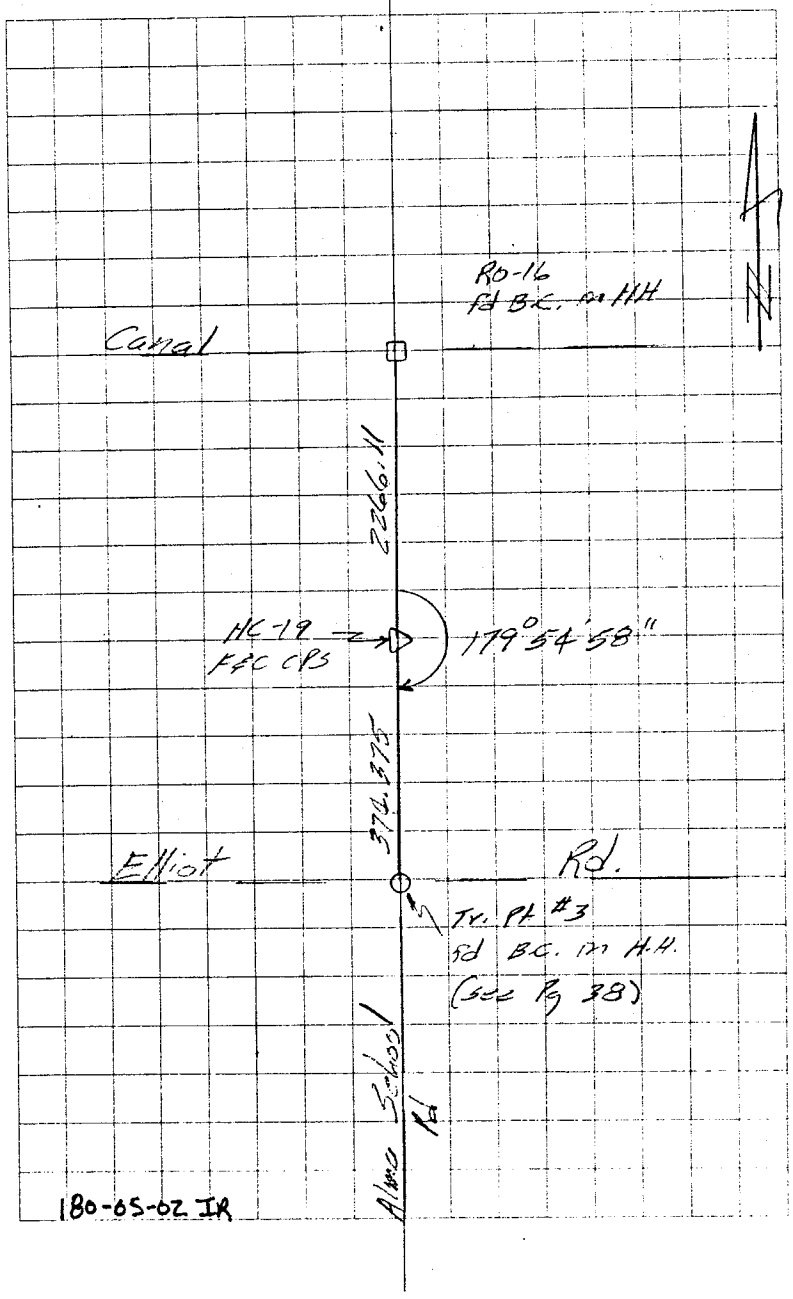
∠#1 = 179°55'07"
∠#6 = 359°29'48"
MN∠ = 179°54'58" ✓

HD to RO-16
ZA = 89°58'21"
SD = 2266.10
HD = 2266.10 ✓

HD to TP #3
ZA = 90°08'16"
S.D. = 374.38
H.D. = 374.38 ✓
(See Pg 28)

8/27/87

803/78




180-05-02 IR

MCFCD Traverse Block-1

(26) (28) (29)

RO-9 → TP #15 → HC-11

∡#1 = 219°14'39"

∡#6 = 235°28'09"

MN∡ = 219°14'42" ✓

HD to RO-9

Z∡ = 90°02'06"

S.D. = 1536.53

H.D. = 1536.53 ✓

HD to HC-11

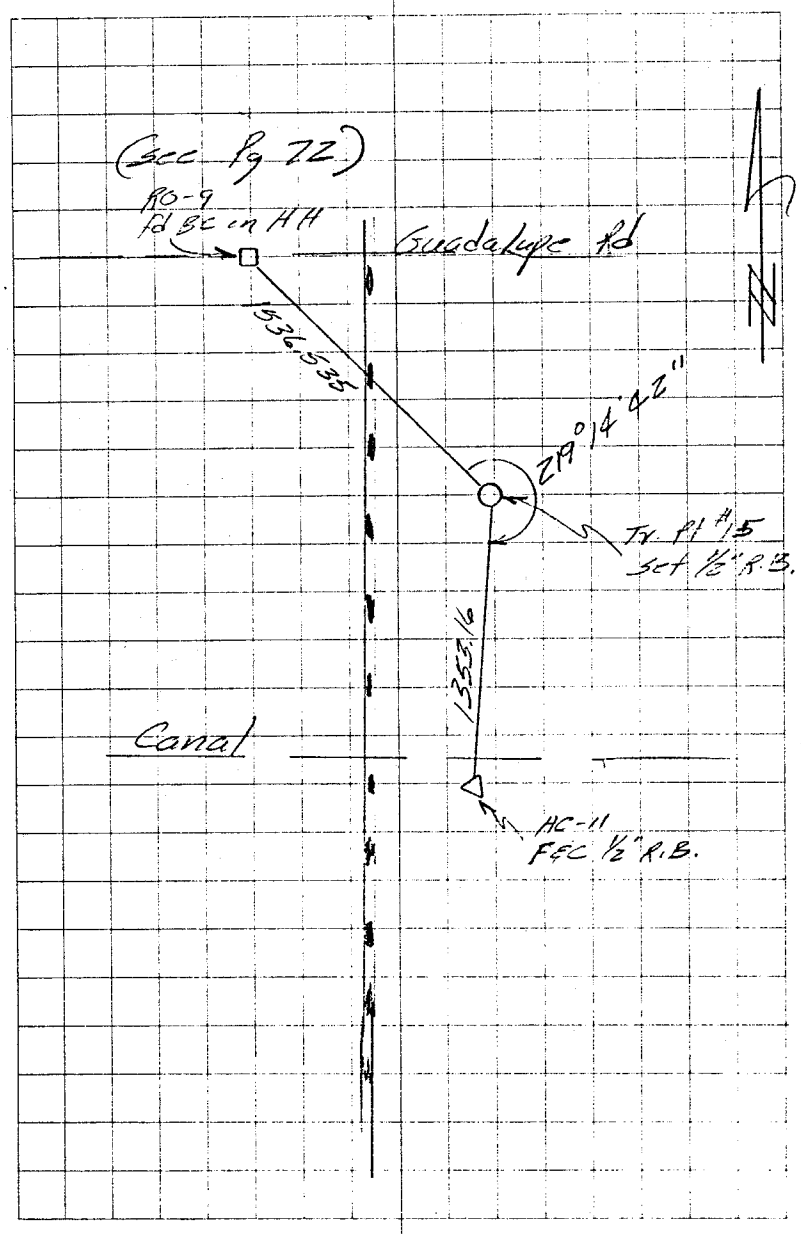
Z∡ = 89°59'19"

S.D. = 1353.16

H.D. = 1353.16 ✓

8/27/87

803/80



MCFCD Traverse Stock-1

8/27/87

303/82

(30) RO-21 → (29) HC-11 → (28) TP #15

∠#1 = 187°30'15"

∠#2 = 45°01'41"

MM = 187°30'17" ✓

HD to TP #15

ZX = 90°04'06"

S.D. = 1353.16

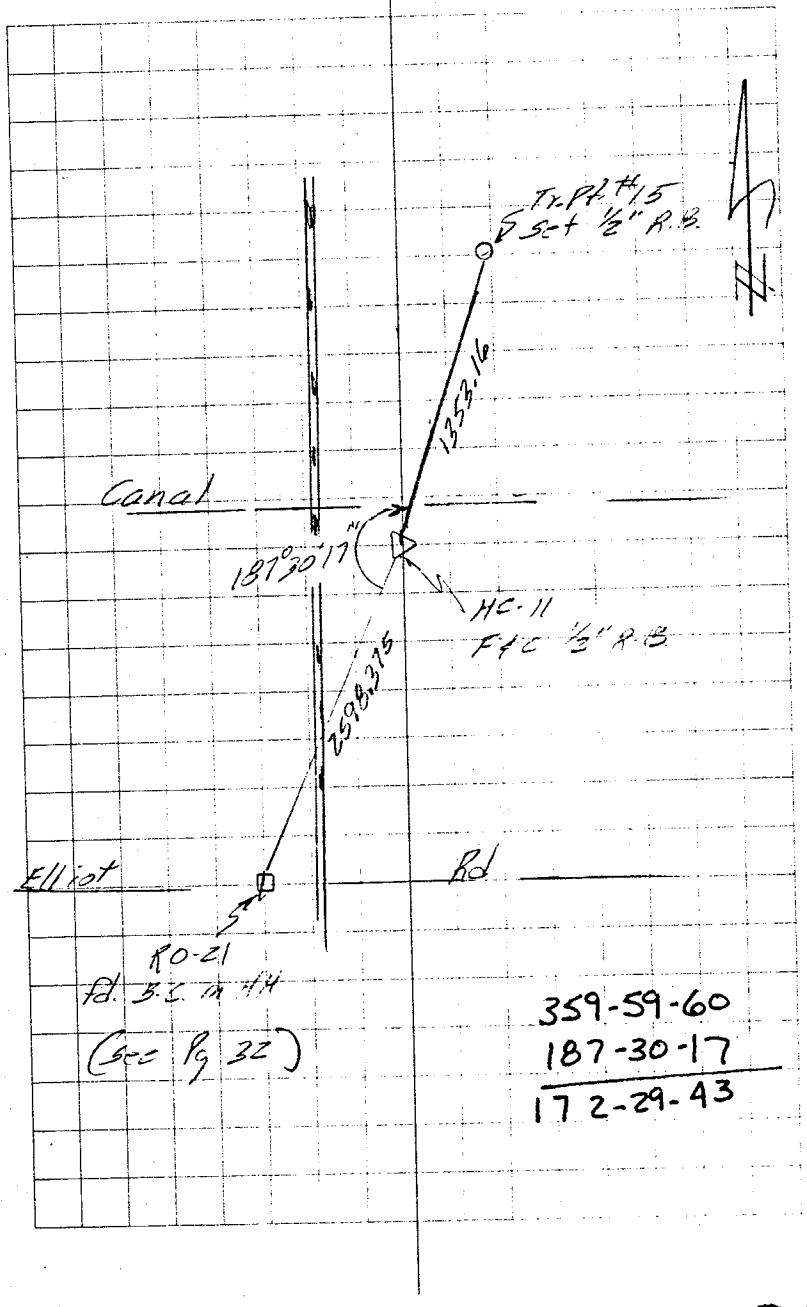
H.D. = 1353.16 ✓

HD to RO-21

ZX = 89°54'13"

S.D. = 2598.37 ✓

H.D. = 2598.37 ✓




359-59-60
187-30-17
172-29-43

MCFCD Traverse Block-2

(63) (302) (42)

TP#31A → HC-8 → TP#24

π

∡#1 = 177°41'04"

∡#6 = 346°06'46"

MN∡ = 177°41'08" ✓

HD to T.P#31

Z∡ = 90°06'36"

S.D. = 926.57

H.D. = 926.57 ✓

HD to T.P#24

Z∡ = 89°39'36"

S.D. = 493.66

H.D. = 493.65 ✓

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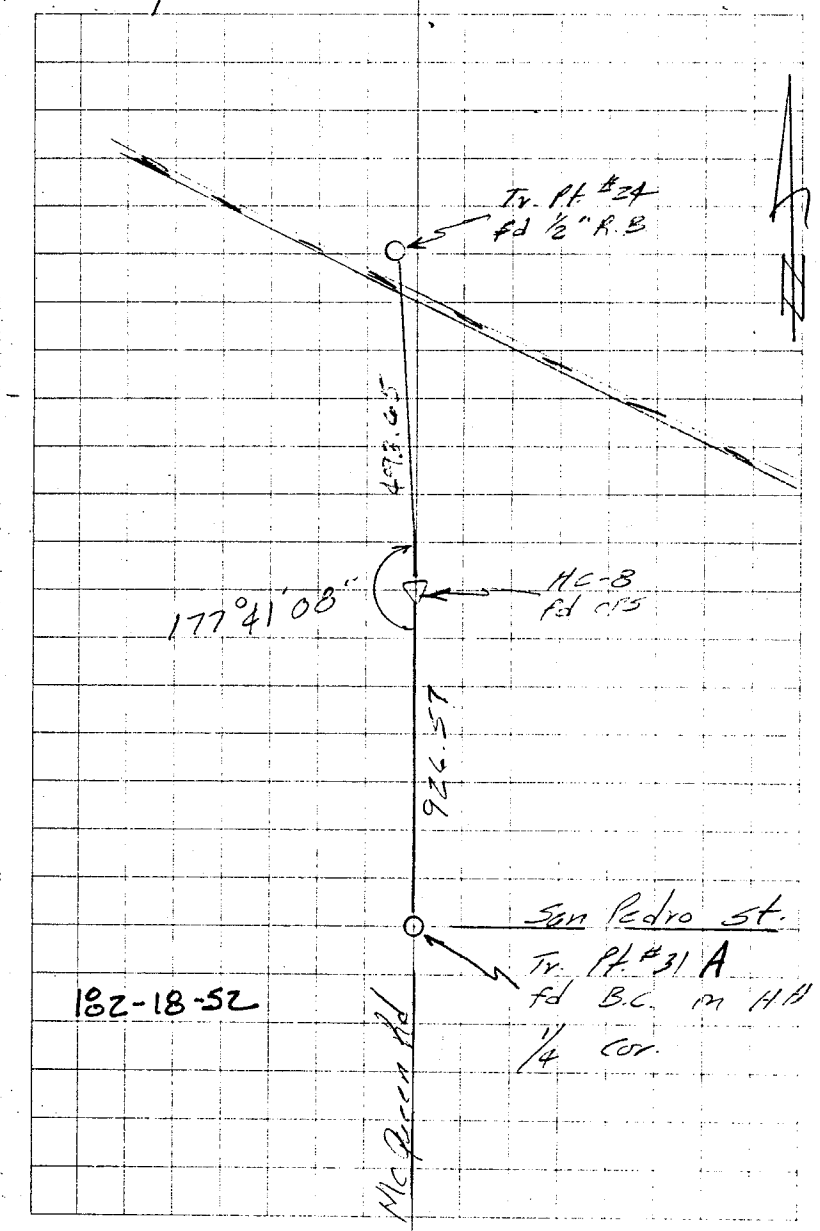



182-18-52

MCFCD | Traverse | Block A Z

(64) RO-10 → (63) TP #31A → (302) (43) HC-8

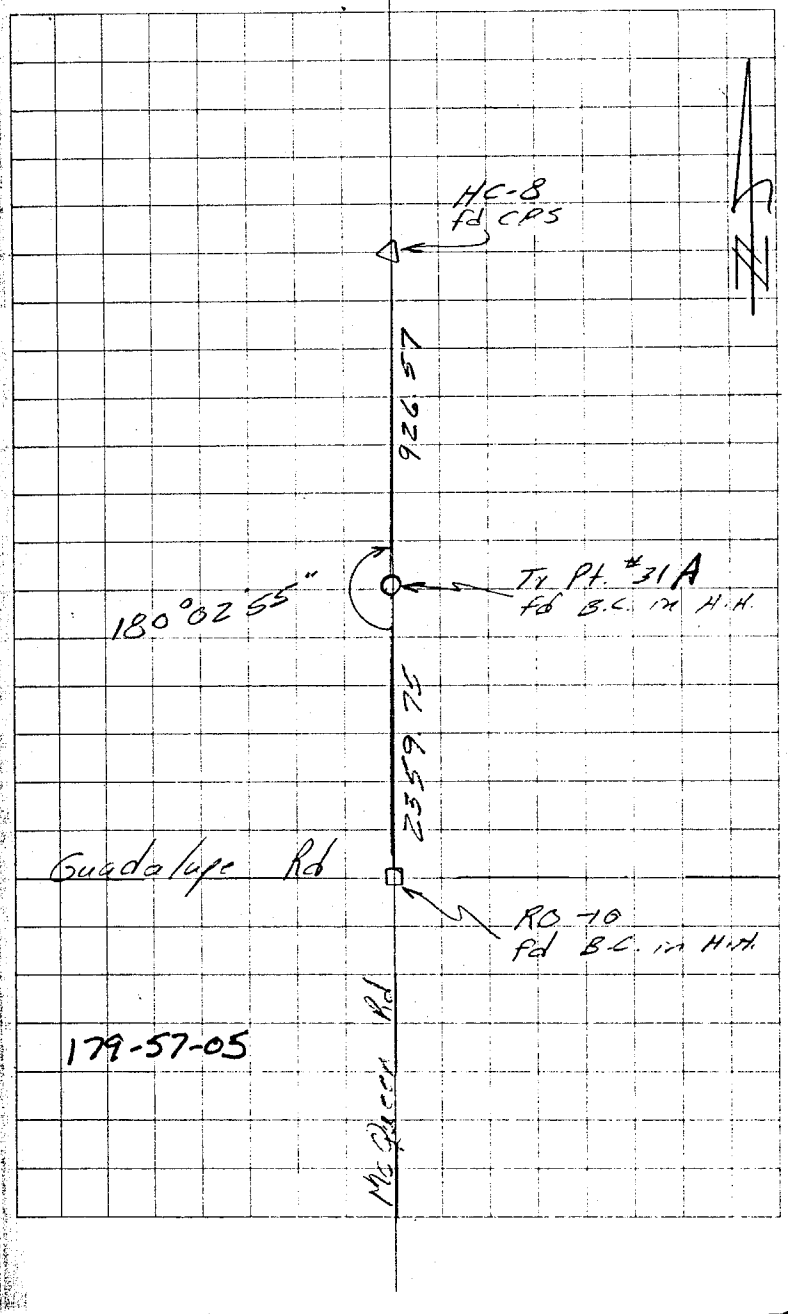
∠#1 = 180°02'48"
∠#6 = 00°17'30"
∠MN = 180°02'55" ✓

HD to RO-10
ZA = 89°58'24"
S.D. = 2359.75
H.D. = 2359.75 ✓

HD to HC-8
ZA = 89°59'43"
S.D. = 926.57
H.D. = 926.57 ✓

9/8/87

903
96



MCFCD Traverse - Block 2

9/8/87

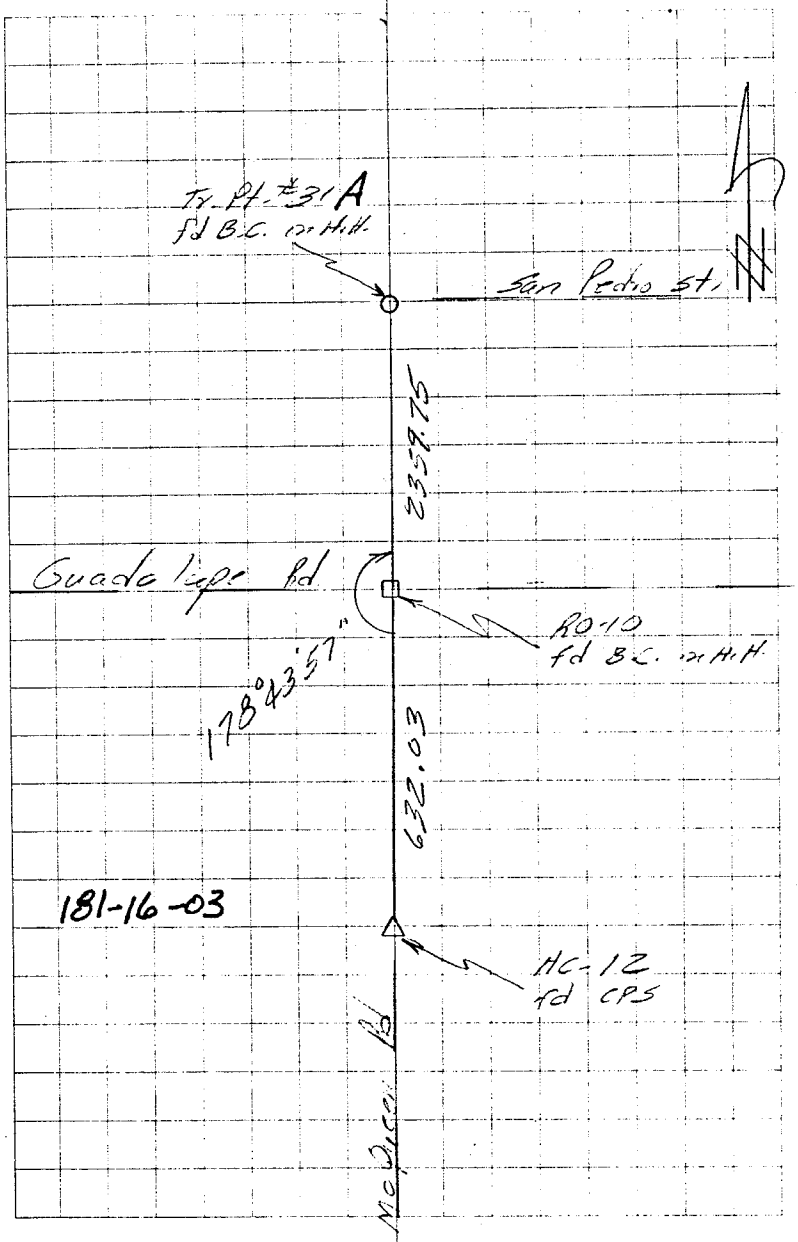
803/88

(61) TP#31A → (64) RO-10 → (65) HC-12

∠#1 = 181°16'00"
∠#6 = 7°36'18"
MN∠ = 181°16'03"
− 359°59'60"
178°43'57" ✓

HD to HC-12
Z∠ = 90°07'00"
S.D. = 632.03
H.D. = 632.03 ✓

HD to TP#31
Z∠ = 90°04'42"
S.D. = 2359.75
H.D. = 2359.75 ✓



MCFCD Traverse Block 2

9/8/87

803/90

(66) RO-17 → (65) HC-12 → (64) RO-10

T

∠#1 = 180°03'33"

∠#6 = 0°21'31"

MM = 180°03'35" ✓

HD to RO-17

ZX = 89°51'32"

SD = 2003.19

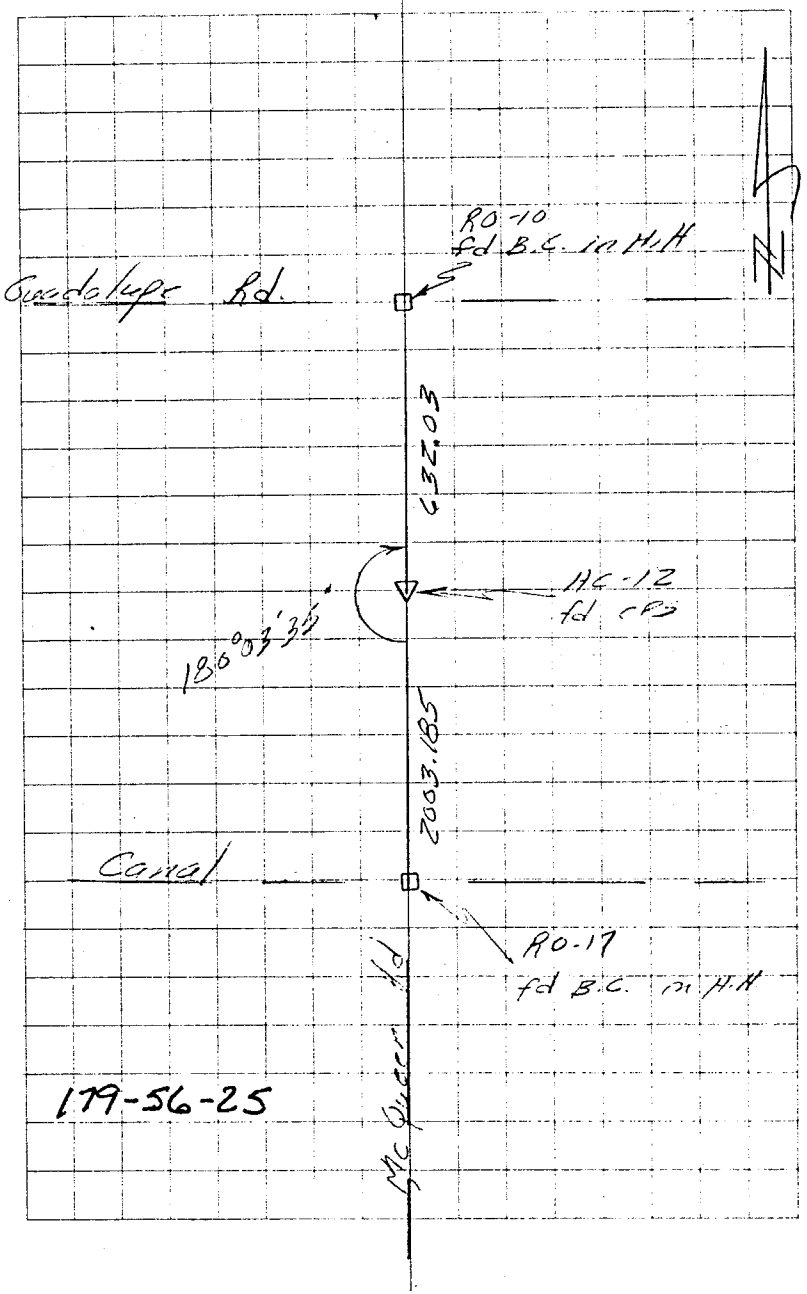
HD: 2003.18 ✓

HD to RO-10

ZX = 90°02'02"

S.D. = 632.03

H.D. = 632.03 ✓




179-56-25

MCFCD Traverse Block 2

9/8/87

903/92

(54) HC-20 → (66) RO-17 → (65) HC-12

$\measuredangle$#1 = 180°01'06"

$\measuredangle$#6 = 00°06'15" ✓

MM$\measuredangle$ = 180°01'03" ✓

H.D. to HC-20

Z$\measuredangle$ = 90°02'11"

S.D. = 2216.67

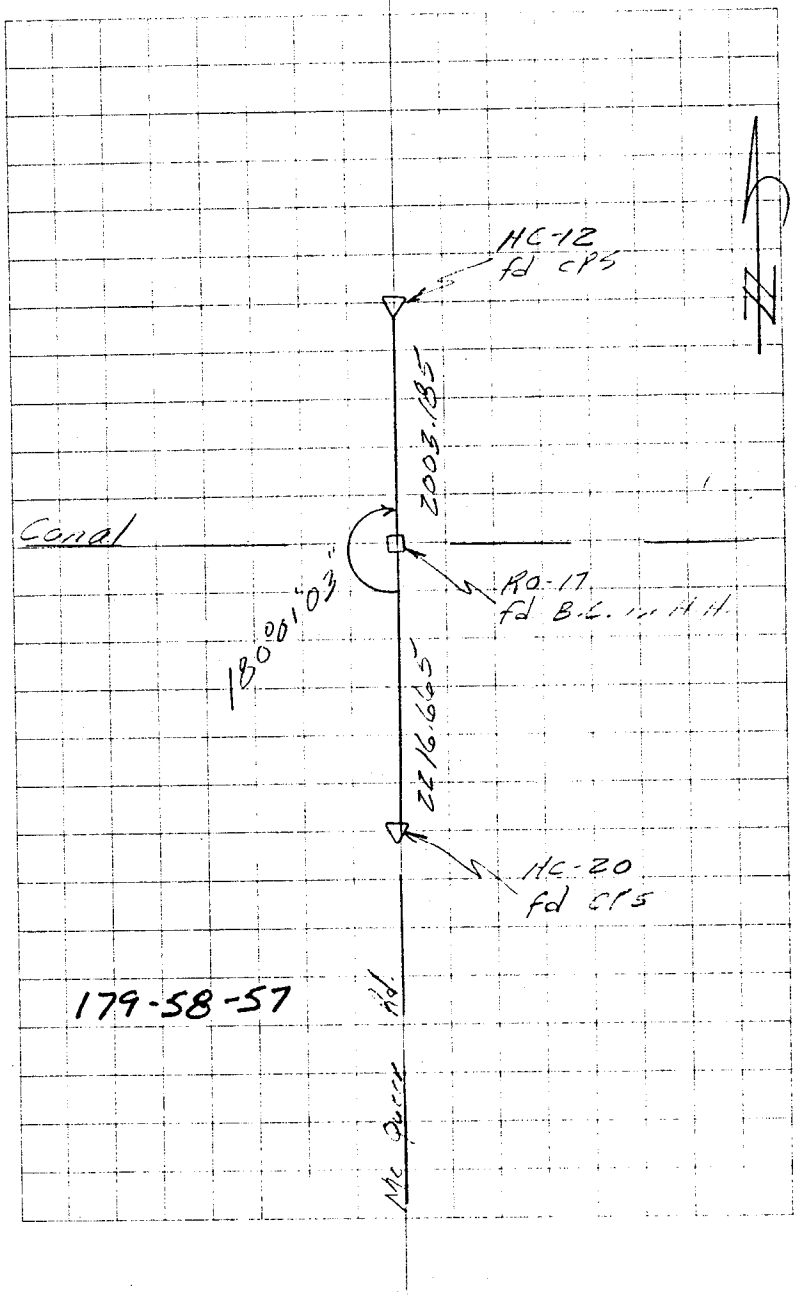
H.D. = 2216.67 ✓

H.D. to HC-12

Z$\measuredangle$ = 90°11'41"

S.D. = 2003.20

H.D. = 2003.19 ✓



MCFCD | Traverse | Block 3

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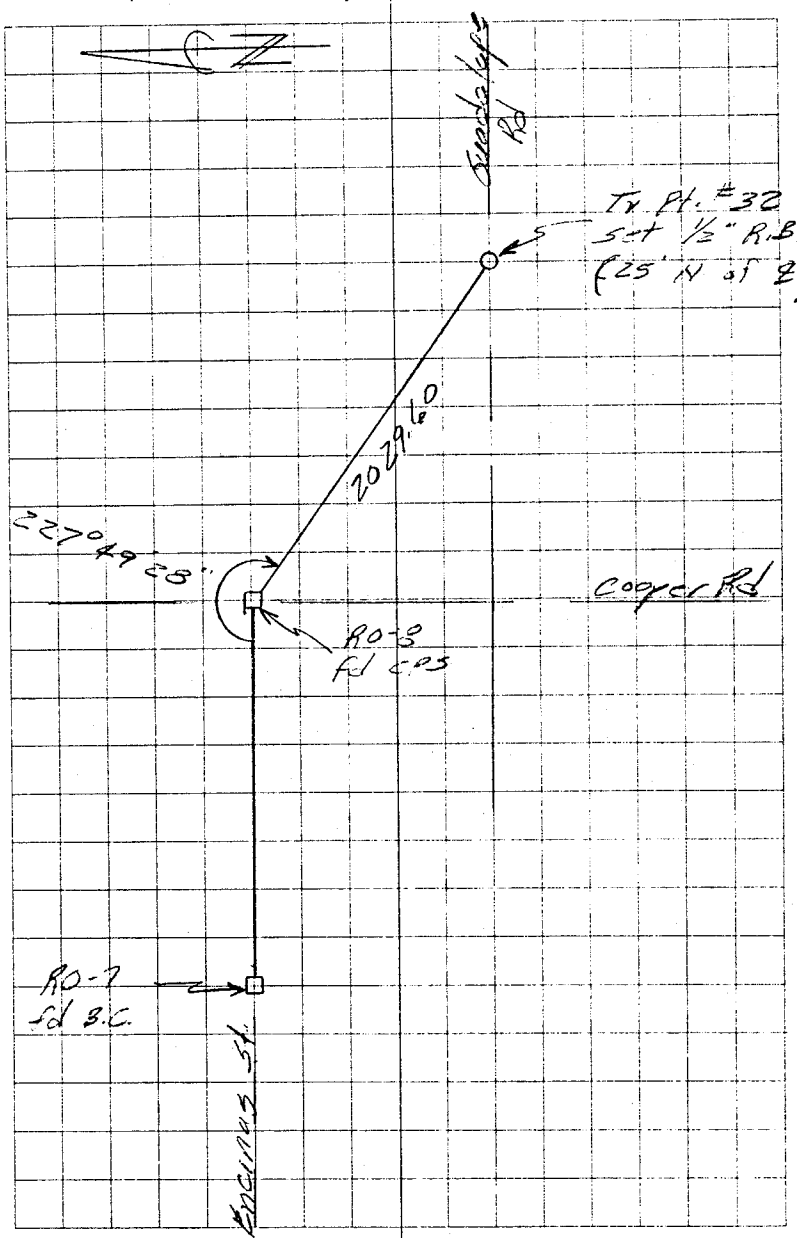
303/94

(45) RO-7 → (46) RO-8 → 68 TP #32

∠#1 = 227°49'29"
∠#6 = 286°56'48" ✓
MNX = 227°49'28"

H.D. to RO-7
ZX = 90°07'09"
S.D. = 2290.26
H.D. = 2290.255 ✓

H.D. to T.P. #32
ZX = 89°52'29"
S.D. = 2029.61
H.D. = 2029.605 ✓



MCFCD Traverse - Block 3

9/8/87

903/96

(46) RO-8 → (68) TP # 32 → (69) TP # 33

$\measuredangle$ #1 = 133°02'43"

$\measuredangle$ #46 = 78°16'38" ✓

MN $\measuredangle$ = 133°02'46"

H.D. to RO-8

Z $\measuredangle$ = 90°10'38"

S.D. = 2029.61

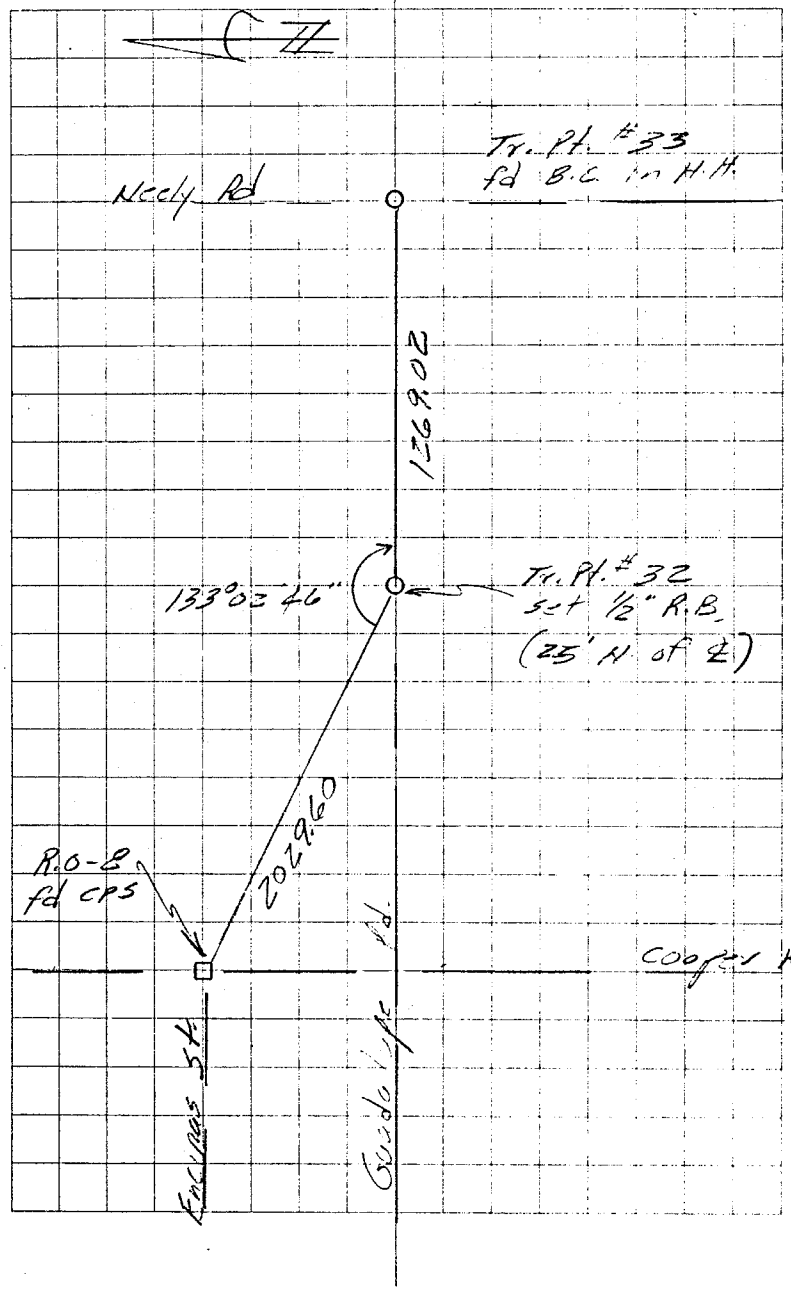
H.D. = 2029.60 ✓

H.D. to TP # 33

Z $\measuredangle$ = 89°55'08"

S.D. = 1269.02

H.D. = 1269.02 ✓



MCFCD Traverse Block 3

9/8/87

803/93

(70) TP #34 → (69) TP #33 → (68) TP #32

T

∠#1 = 179°52'45"

∠#2 = 359°15'34" ✓

MN∠ = 179°52'36" ✓

− 359°59'60"

180°07'24" ✓

HD. to TP #32

Z∠ = 90°09'15"

S.D. = 1269.02

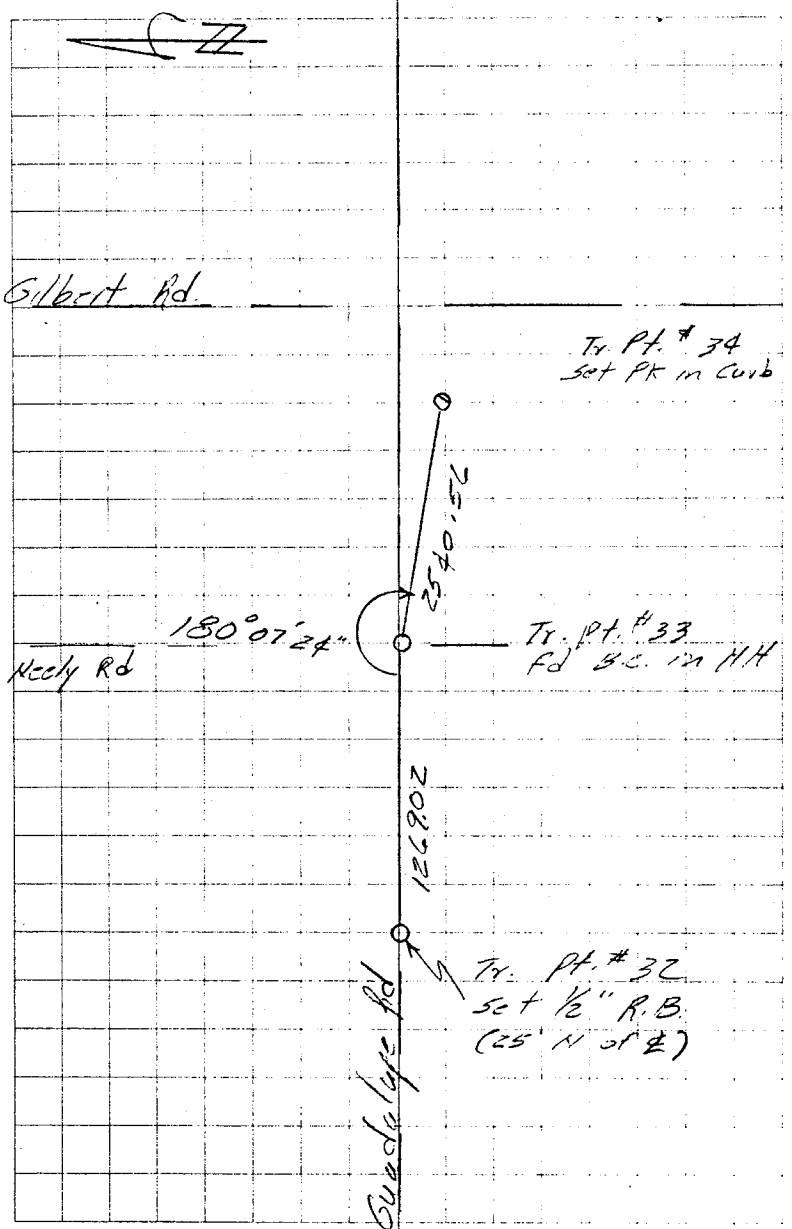
H.D. = 1269.015 ✓

HD to TP #34

Z∠ = 89°56'44"

S.D. = 2540.57

H.D. = 2540.57 ✓



MCFCD Traverse — Block 3

(69) TP #33 → (70) TP #34 → (71) Sec Cor.

∠#1 = 153°33'36"

∠#2 = 307°07'04" ✓

ΣN∠ = 153°33'32"

HD to Sec Cor.

Σ∠ = 89°55'25"

S.D. = 108.02

H.D. = 108.02

(69) TP #33 → (70) TP #34 → (72) RO-11

∠#1 = 263°02'40"

∠#6 = 138°16'08" ✓

ΣN∠ = 263°02'41"

HD to TP #33

Σ∠ = 90°06'38"

S.D. = 2540.56

H.D. = 2540.555 ✓

H.D. to RO-11

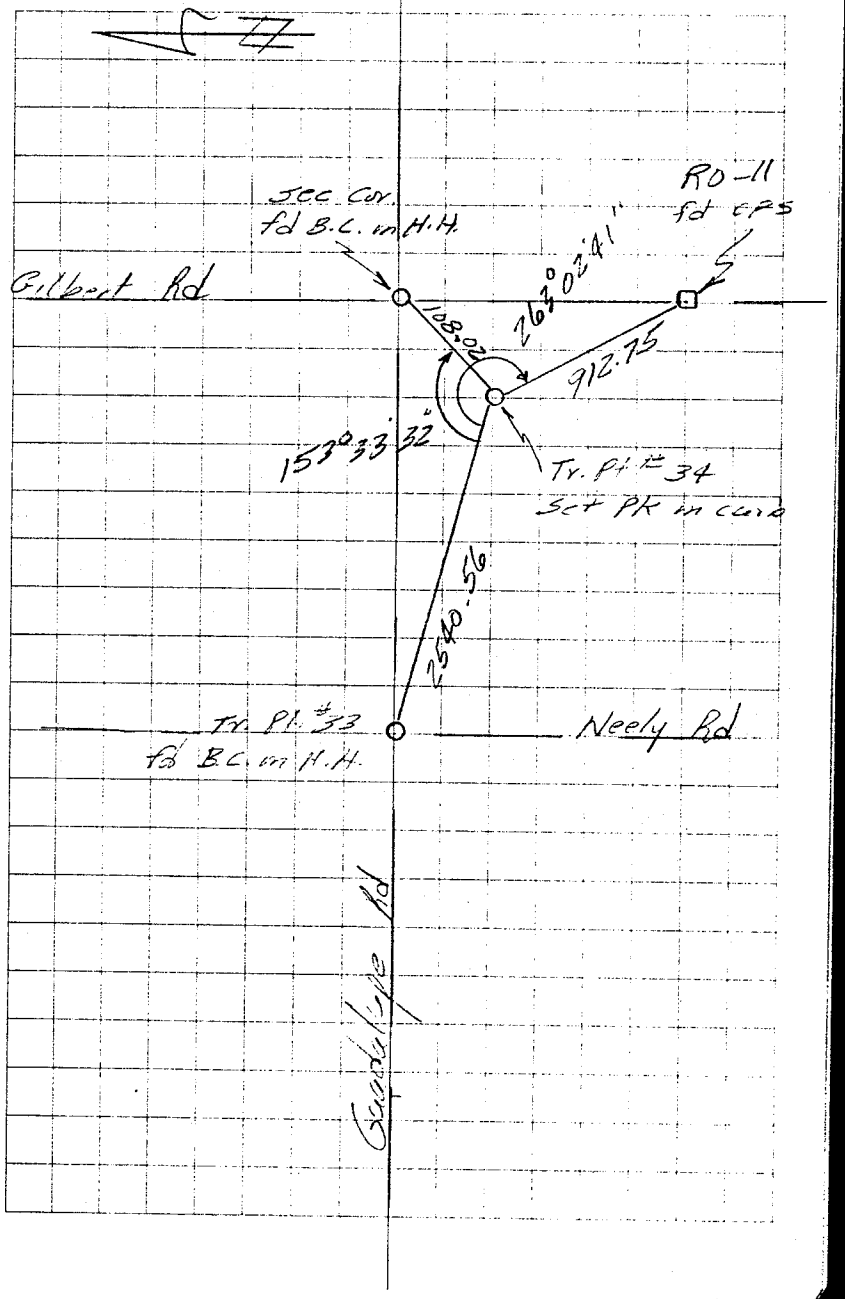
Σ∠ = 89°55'21"

S.D. = 912.74

H.D. = 912.74 ✓

9/3/87

303/100



MCFCD Traverse Block-3

(70) (72) (73)

TP#34 → RO-11 → TP#35

$\angle$#1 = 23° 27' 34"

$\angle$#6 = 140° 45' 59"

MN$\angle$ = 23° 27' 40" ✓

HD to TP#34

Z$\angle$ = 90° 08' 17"

S.D. = 912.76

H.D. = 912.76 ✓

HD to TP#35

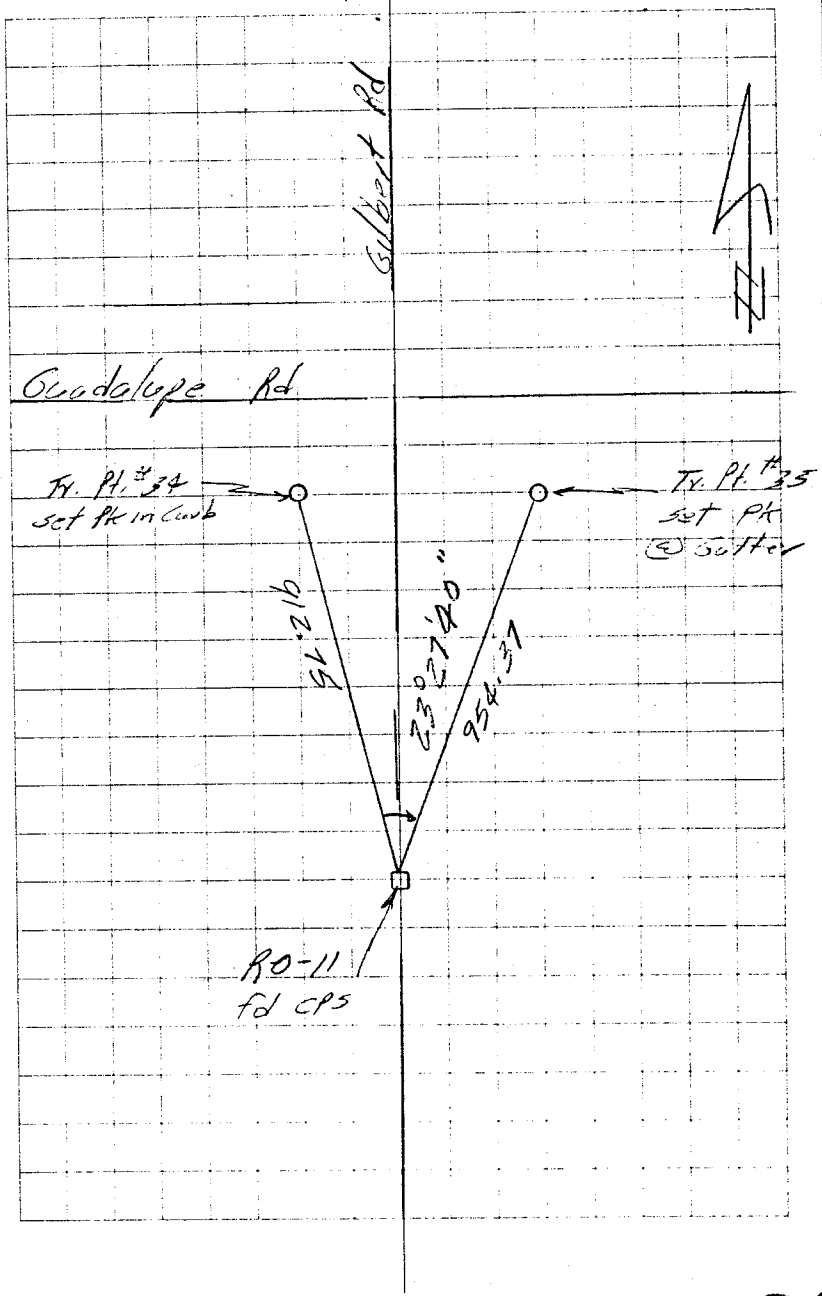
Z$\angle$ = 90° 05' 38"

S.D. = 954.38

H.D. = 954.38 ✓

9/3/87

803/102



MCFCD | Traverse | Block 3

(74) TP# 36 → (73) TP# 35 → (72) RO-11

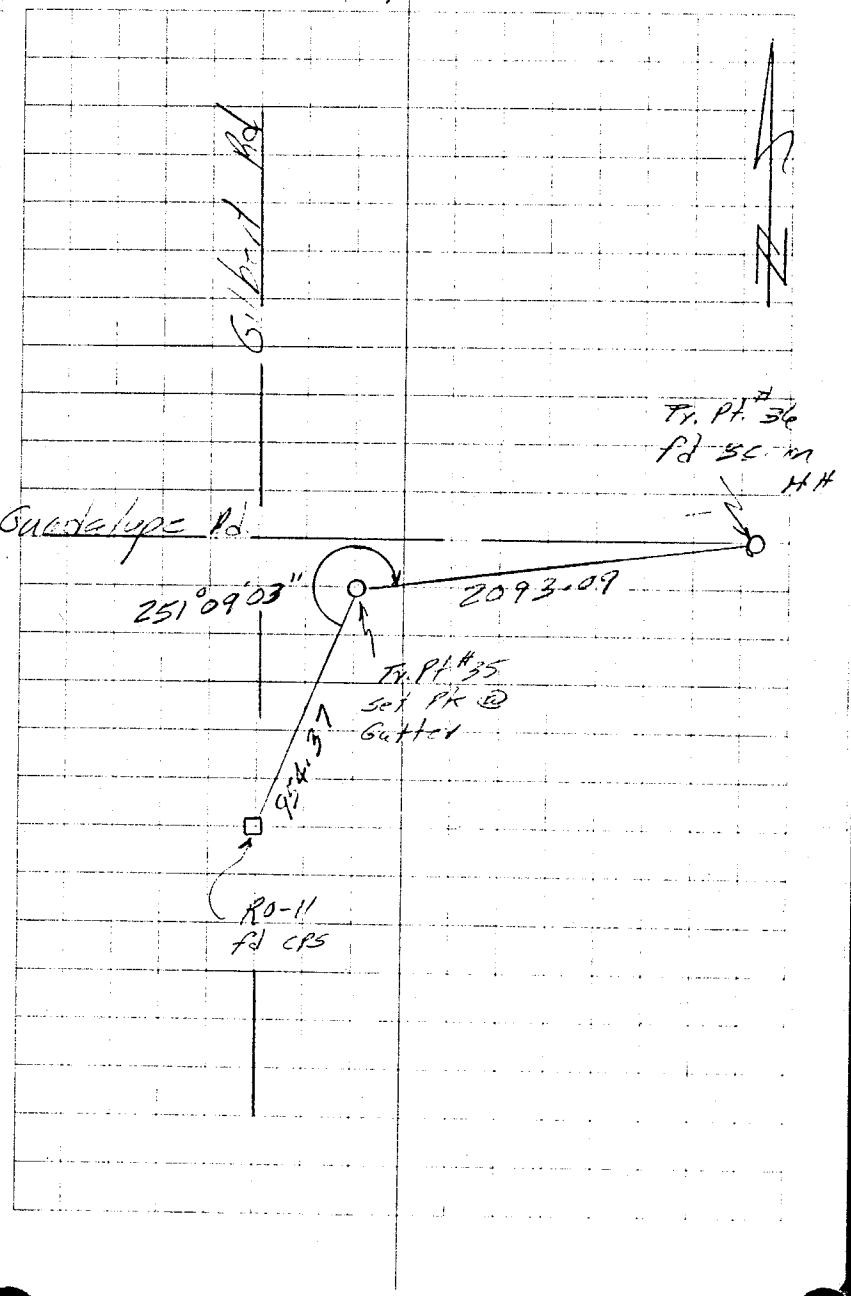
∠#1 = 108°50'52"
∠#2 = 293°05'39"
MN∠ = 108°50'51
−359°59'60"
251°09'03" ✓
04

HD to RO-11
Z∠ = 89°59'32"
S.D. = 954.36
H.D. = 954.36 ✓

HD to TP# 36
Z∠ = 89°53'47"
S.D. = 2093.10
H.D. = 2093.10 ✓

9/3/37

803
104



MCFCD Traverse - Block 3

9/23/37

303/106

(75) TP #37 → (74) TP #36 → (73) TP #35

∠#4 = 178°49'08"

∠#6 = 352°54'24" ✓

MNΔ = 178°49'04"

−359°59'60" ✓

181°10'56" ✓

HD to TP #35

ΣΔ = 90°09'46"

S.D. = 2093.09

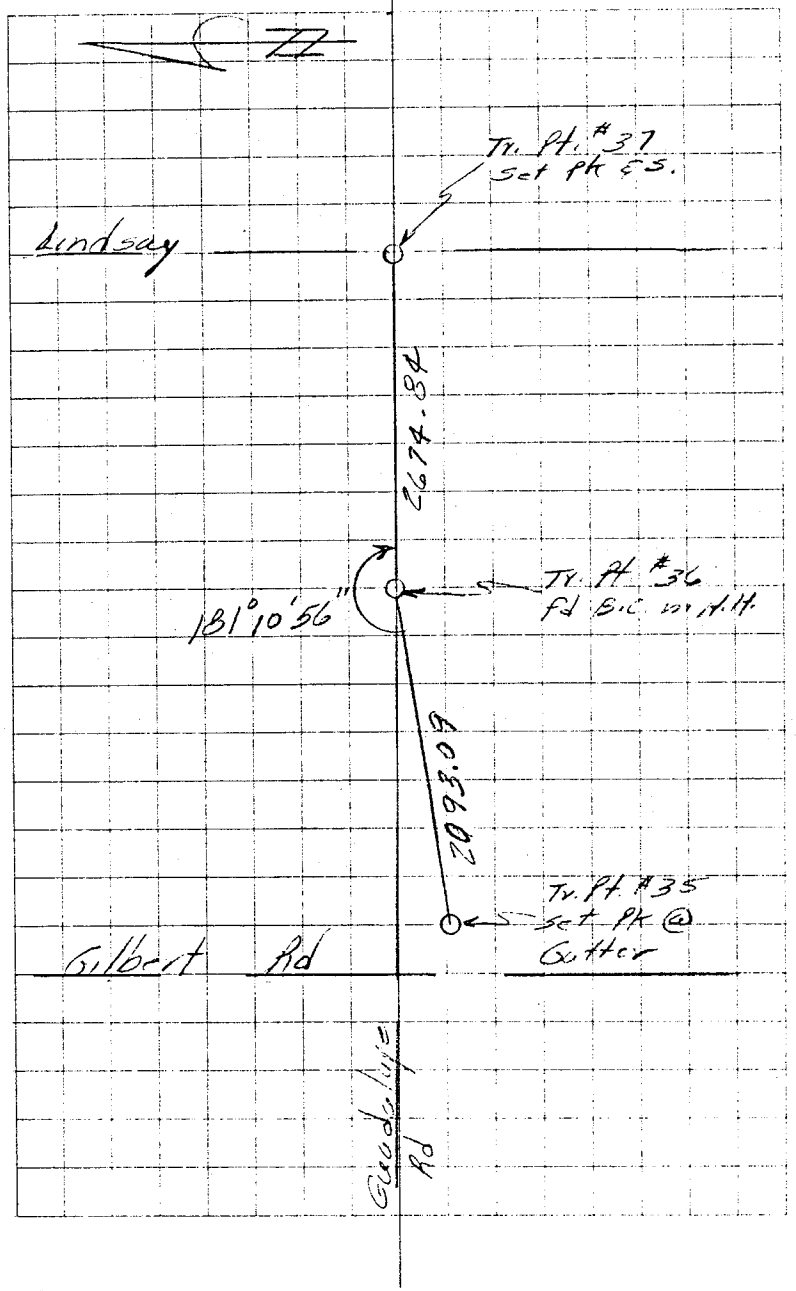
H.D = 2093.08 ✓

H.D to TP #37

ΣΔ = 89°53'29"

S.D. = 2674.85

H.D. = 2674.845 ✓



MCFCD Traverse Block 3

(74) TP #36 → (75) TP #37 → (-76) Sec Cor

∠#1 = 358°15'39"
∠#2 = 356°31'30" ✓
MN ∠ = 358°15'45"

HD to Sec Cor = 53.62 Chained

(74) TP #36 → (75) TP #37 → (-77) HC-14

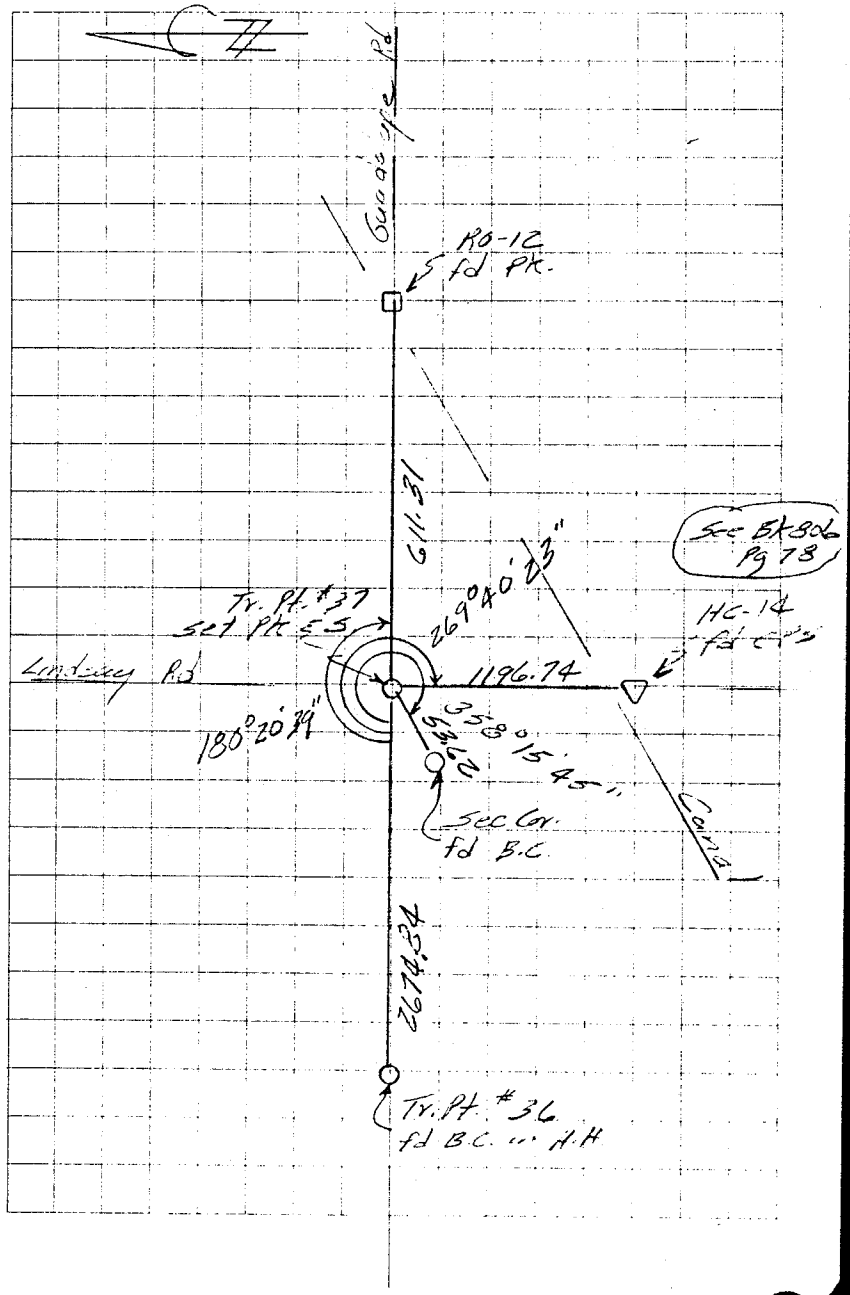
∠#1 = 269°40'16"
∠#2 = 178°02'18" ✓
MN ∠ = 269°40'23" ✓

HD to TP #36
Z ∠ = 90°10'12"
S.D. = 2674.85
H.D. = 2674.84 ✓

H.D. to HC-14
Z ∠ = 89°48'28"
S.D. = 1196.74
H.D. = 1196.73 ✓

9/3/37

803/108



MCFCD Traverse - Block 3

9/8/87

803/110

(74) TP#36 → (75) TP#37 → (78) RO-12

$\pi$

$\measuredangle$#1 = 180°20'32"

$\measuredangle$#6 = 2°03'51" ✓

MN$\measuredangle$ = 180°20'39"

HD to RO-12

Z$\measuredangle$ = 89°44'55"

S.D. = 611.31

H.D. = 611.305 ✓

(See Pg 103)

MCFCD Traverse - Block 3

(79) (78) (75)

HC-15 → RO-12 → TP#37

∠#1 = 179°55'36"

∠#6 = 359°33'55"

MN∠ = 179°55'39"

− 359°59'60"

180°04'21"

HD to TP#37

Z∠ = 90°23'54"

S.D. = 611.33

H.D. = 611.315

HD to HC-15

Z∠ = 89°56'27"

S.D. = 2405.18

H.D. = 2405.18

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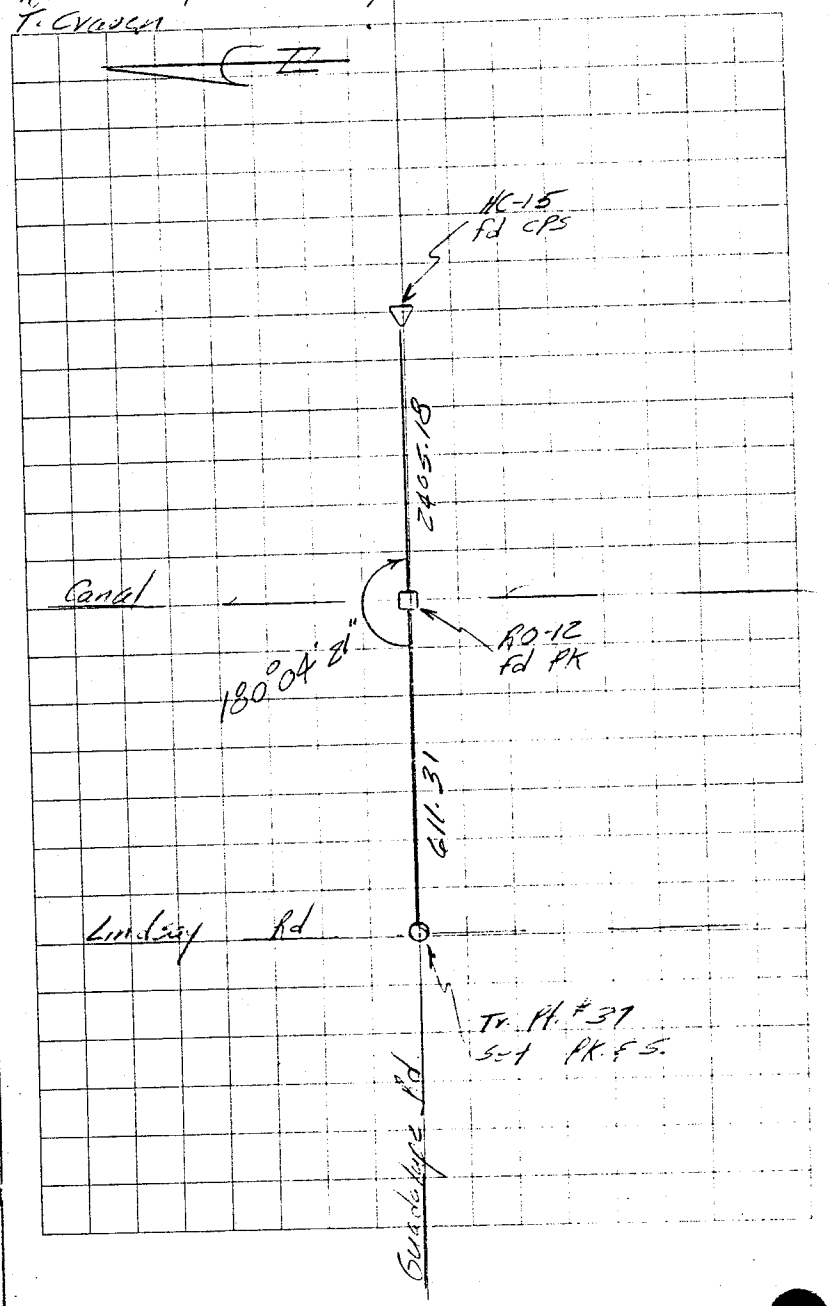
T. Craven

9/9/87

803
112



MCFCD Traverse - Block 3

(80) TP-38 [redacted]

(79) HC-15

(78) RO-12

∡#1 = 284°03'40"

∡#6 = 264°22'07"

MN∡ = 284°03'41" ✓

− 359°59'60"

75°56'19" ✓

HD to RO-12

Z∡ = 90°06'06"

S.D. = 2405.19

H.D. = 2405.185 ✓

HD to TP#38

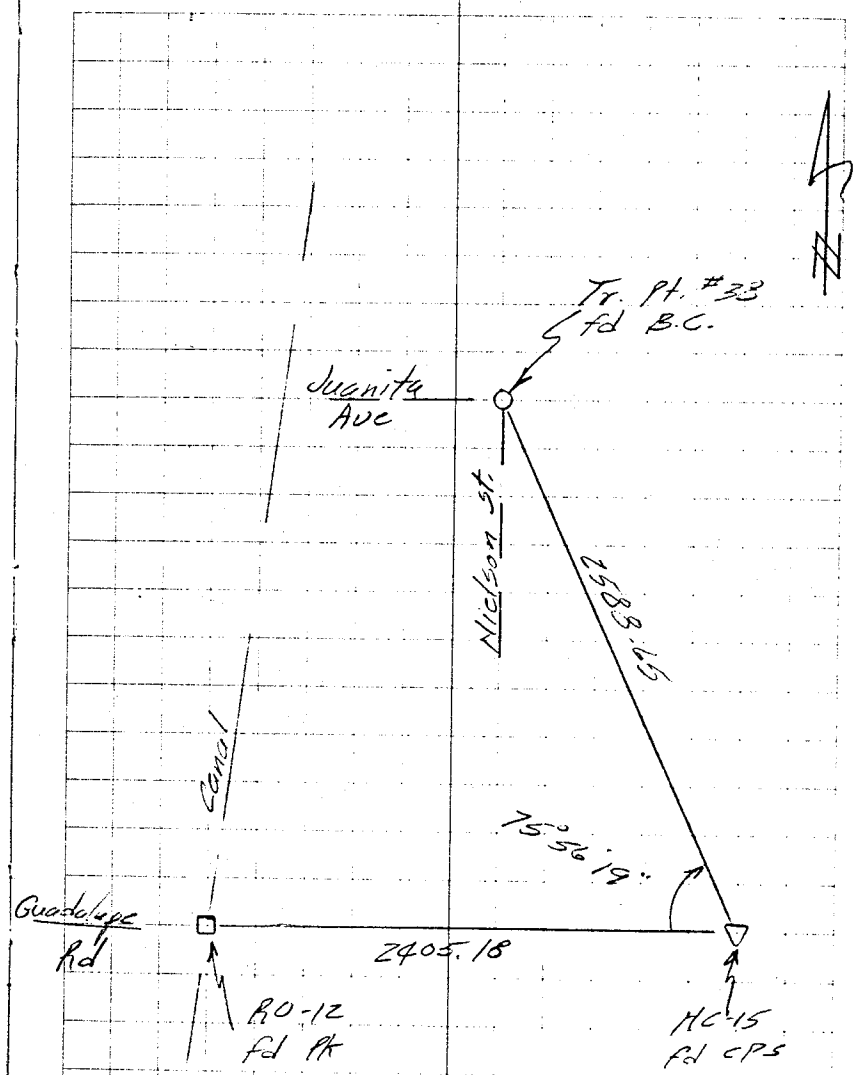
Z∡ = 90°06'54"

S.D. = 2588.66

H.D. = 2588.655 ✓

9/9/87

303/114



MCFCD Traverse - Block 3

9/9/87

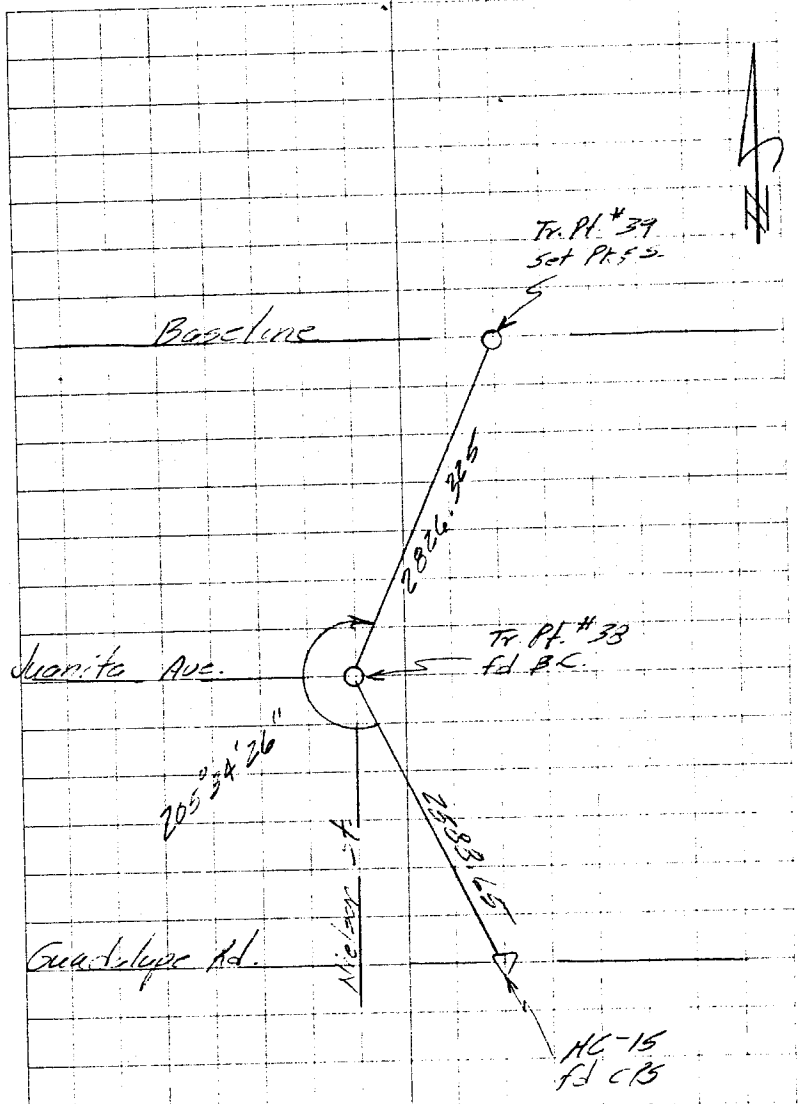
803/116

(81) TP#39 → (80) TP#38 → (79) HC-15

∠#1 = 154° 25' 21" (154° 25' 33") ✓
∠#2 = 206° 33' 28" (206° 33' 26") ✓
MNT = 154° 25' 35" (154° 25' 34")
Use → 154° 25' 34"
− 359° 59' 60" ✓
205° 34' 26" ✓

HD to HC-15
ZT = 89° 56' 02"
SD = 2588.65
HD = 2588.65 ✓

HD to TP#39
ZT = 89° 55' 57"
SD = 2826.33
HD = 2826.33 ✓



MCFCD Traverse - Block 3

9/9/87

803/113

(80) TP #38 → (81) TP #39 → (83) RO-6

∠#1 = 78° 10' 38"

∠#6 = 109° 04' 06" ✓

MN ∠ = 78° 10' 41" ✓

HD to TP #38

Z ∠ = 90° 07' 27"

S.D. = 2826.53

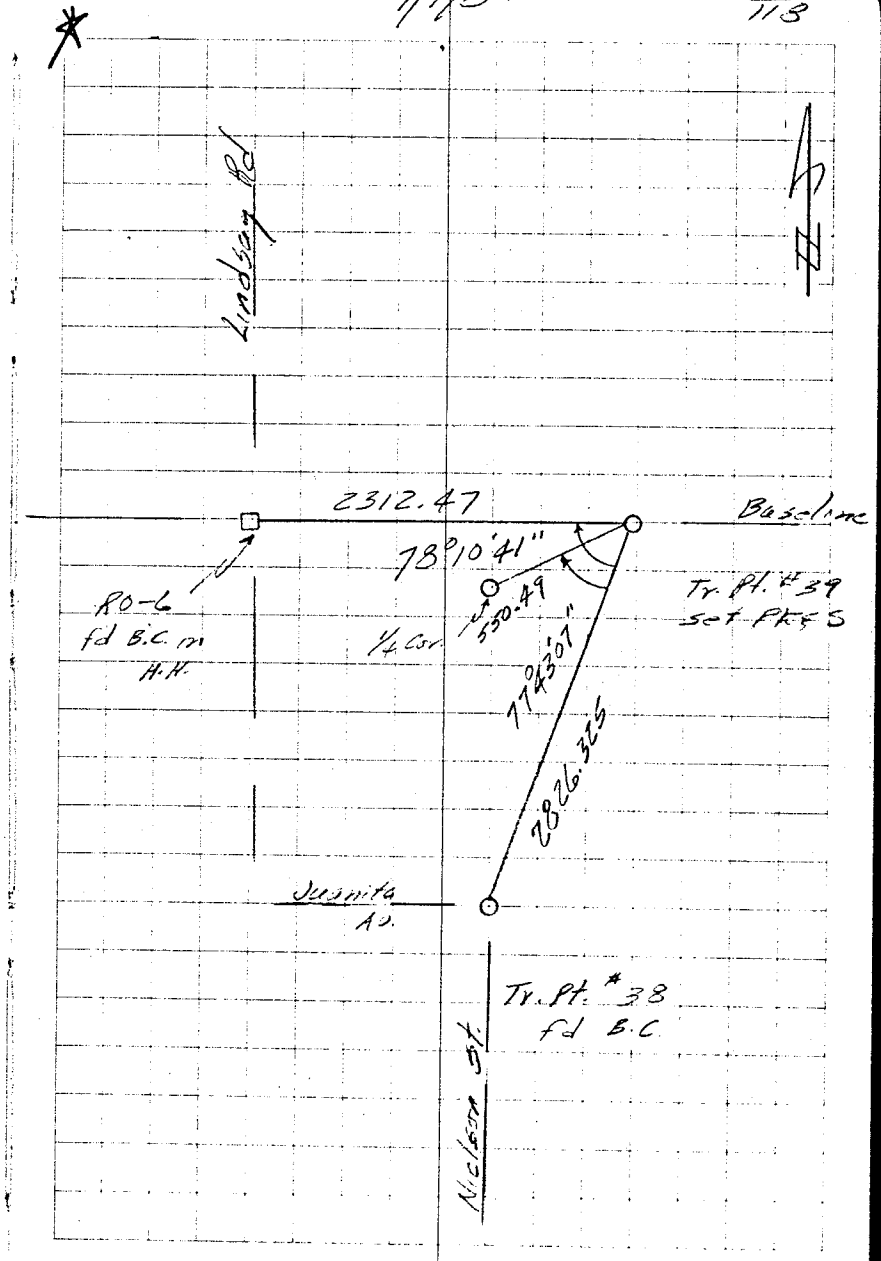
H.D. = 2826.32 ✓

HD to RO-6

Z ∠ = 90° 11' 55"

S.D. = 2312.48

H.D. = 2312.465 ✓



MCFCD Traverse - Block 3

(80) (81) (-82)

TP#38 → TP#39 → 1/4 Cor.

∡#1 = 77°43'02"

∡#2 = 155°26'14"

MN∡ = 77°43'07"

HD to 1/4 Cor.

Z∡ = 90°17'41"

S.D. = 550.50

H.D. = 550.49

9/9/87

303/120

(See Pg 118)

MCFCD Traverse - Block 3

9/7/81

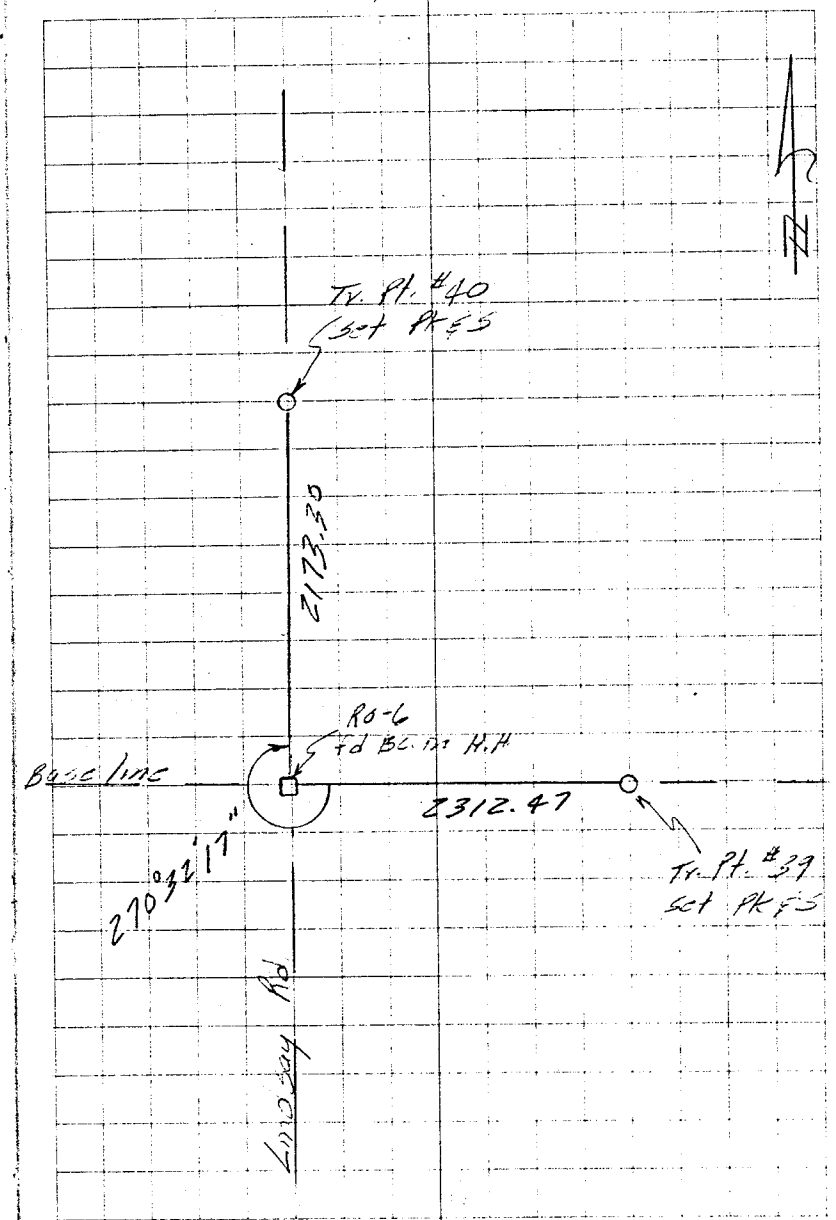
603/122

(81) TP #39 → (83) RO-6 → (84) TP #40

∠#1 = 270° 32' 18"
∠#6 = 133° 13' 41"
MNZ = 270° 32' 17" ✓

HD to TP #39
ZA = 89° 51' 24"
S.D. = 2312.48
H.D. = 2312.475 ✓

HD to TP #40
ZA = 90° 02' 42"
S.D. = 2173.30
H.D. = 2173.30 ✓



MCFCD Traverse — Block 3

9/9/87

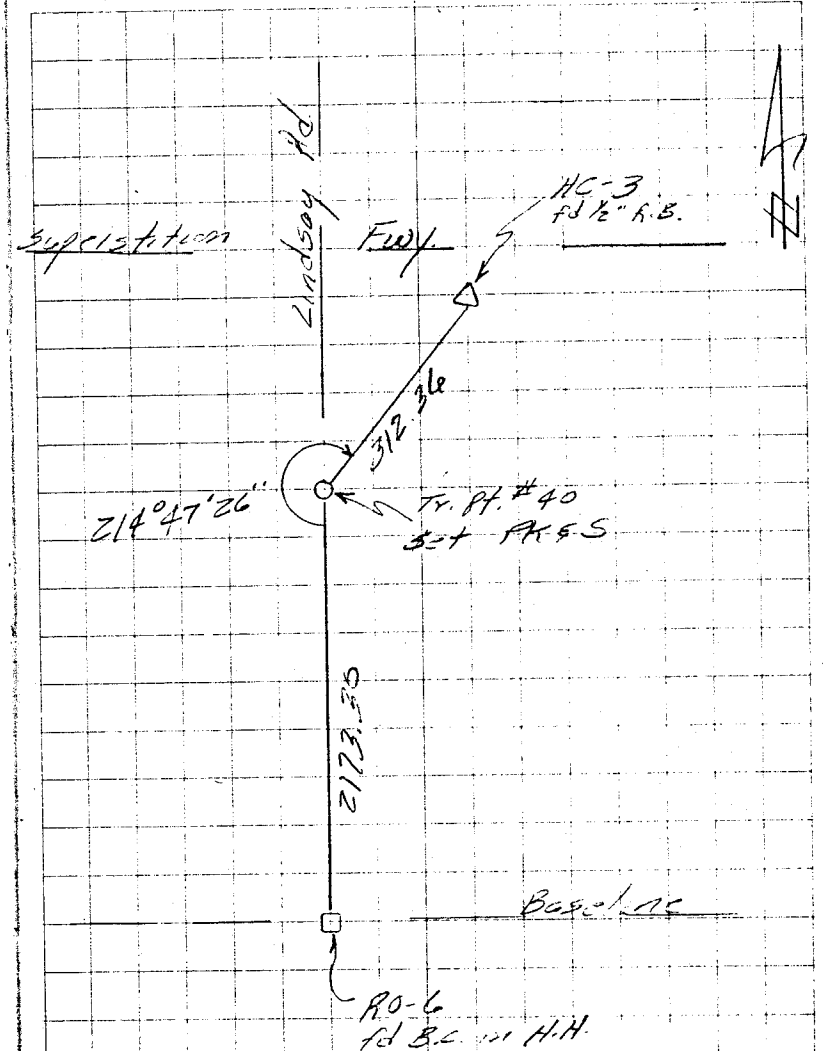
303/124

83 RO-6 → 84 TP#40 → 85 HC-3

∡#1 = 214° 47' 20"
∡#6 = 208° 44' 37"
MN∡ = 214° 47' 26" ✓

HD to RO-6
Z∡ = 90° 00' 30"
S.D. = 2173.30
H.D. = 2173.30 ✓

HD to HC-3
Z∡ = 89° 54' 27"
S.D. = 312.35
HD = 312.35 ✓



1 MCFCD Traverse - Block 3

9/9/87

803/126

(86) RO-3 → (85) HC-3 → (84) TP #40

∠#1 = 130°15'47" (130°15'55")

∠#6 = 61°31'16" (61°36'04")

MN∠ = 130°15'13" (130°16'01")

Use → 130°16'01"

− 359°59'60"

229°43'59" ✓

HD to TP #40

Z∠ = 90°22'38"

S.D. = 312.38

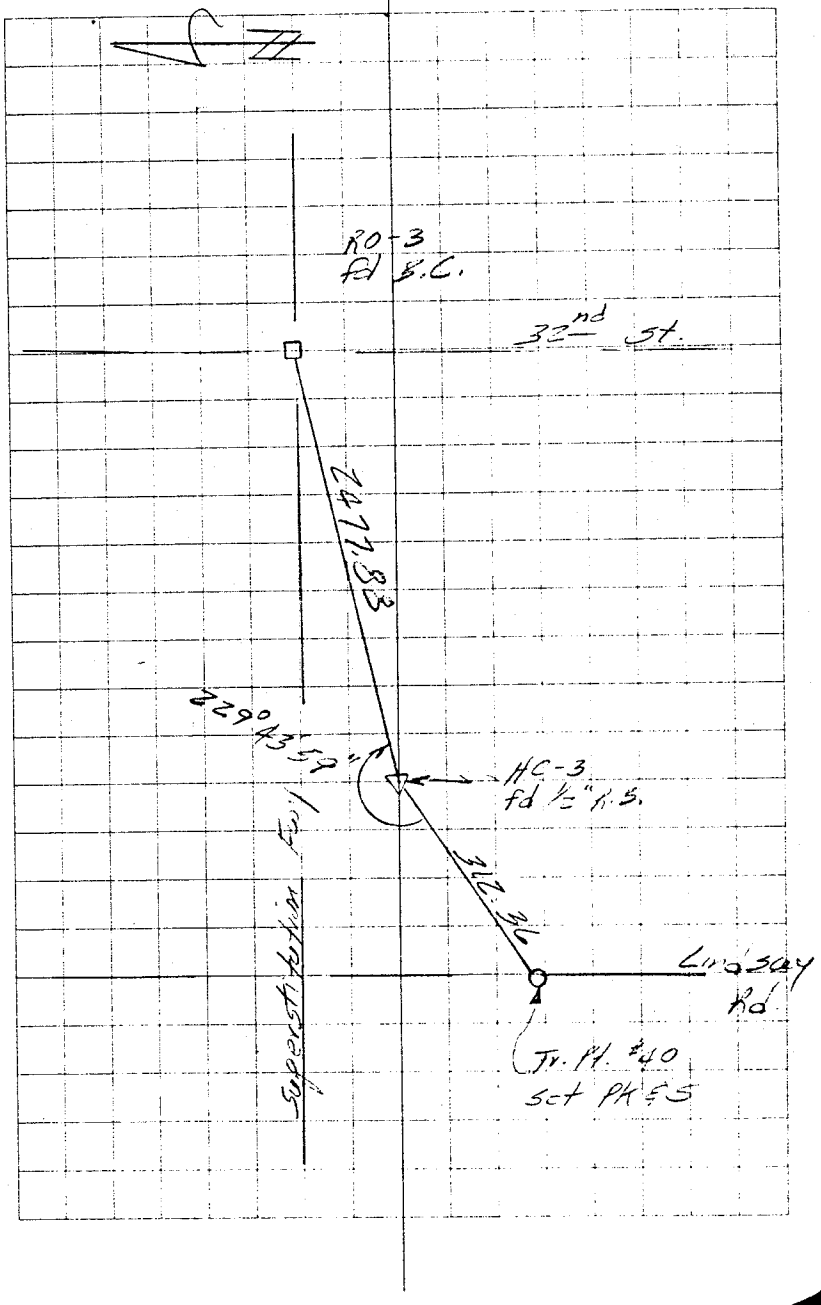
H.D. = 312.37 ✓

HD to RO-3

Z∠ = 89°26'09"

S.D. = 2477.99

H.D. = 2477.87 ✓



MCFCD Traverse — Block 3

9/9/37

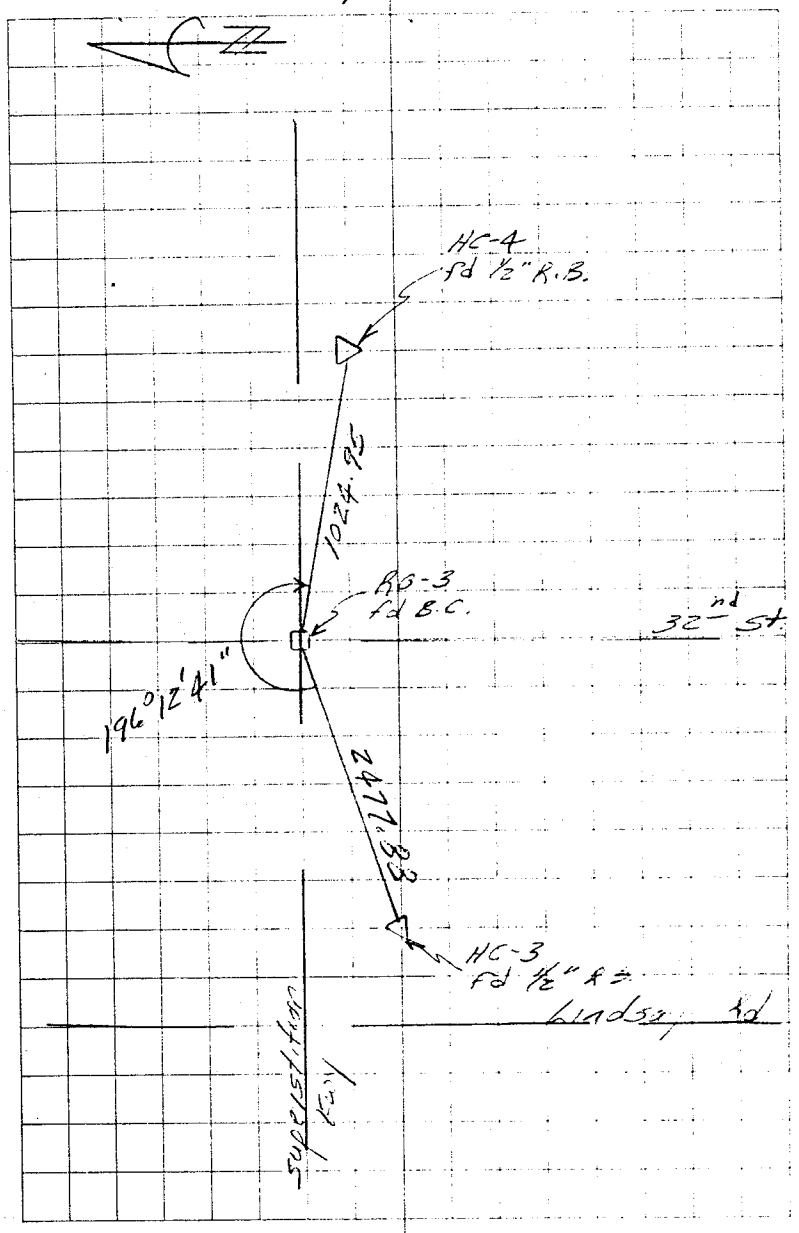
803
12-8

(85) HC-3 → (86) RO-3 → (87) HC-4

∠#1 = 196°12'32"
∠#2 = 97°16'07" ✓
MNA = 196°12'41"

HD to HC-3
∠ = 90°34'00"
S.D. = 2478.01
H.D. = 2477.89 ✓

HD to HC-4
∠ = 90°15'21"
S.D. = 1024.94
H.D. = 1024.93 ✓



MCFCD — Traverse — Block 3

(88) TP #40A → (87) HC-4 → (86) RO-3

∠#1 = 182° 07' 02"

∠#6 = 12° 41' 51" ✓

MNA = 182° 06' 59" ✓

− 359° 59' 60"

177° 53' 02" ✓

HD to RO-3

ZA = 89° 50' 20"

S.D. = 1024.97 ✓

H.D. = 1024.97

HD to TP #40

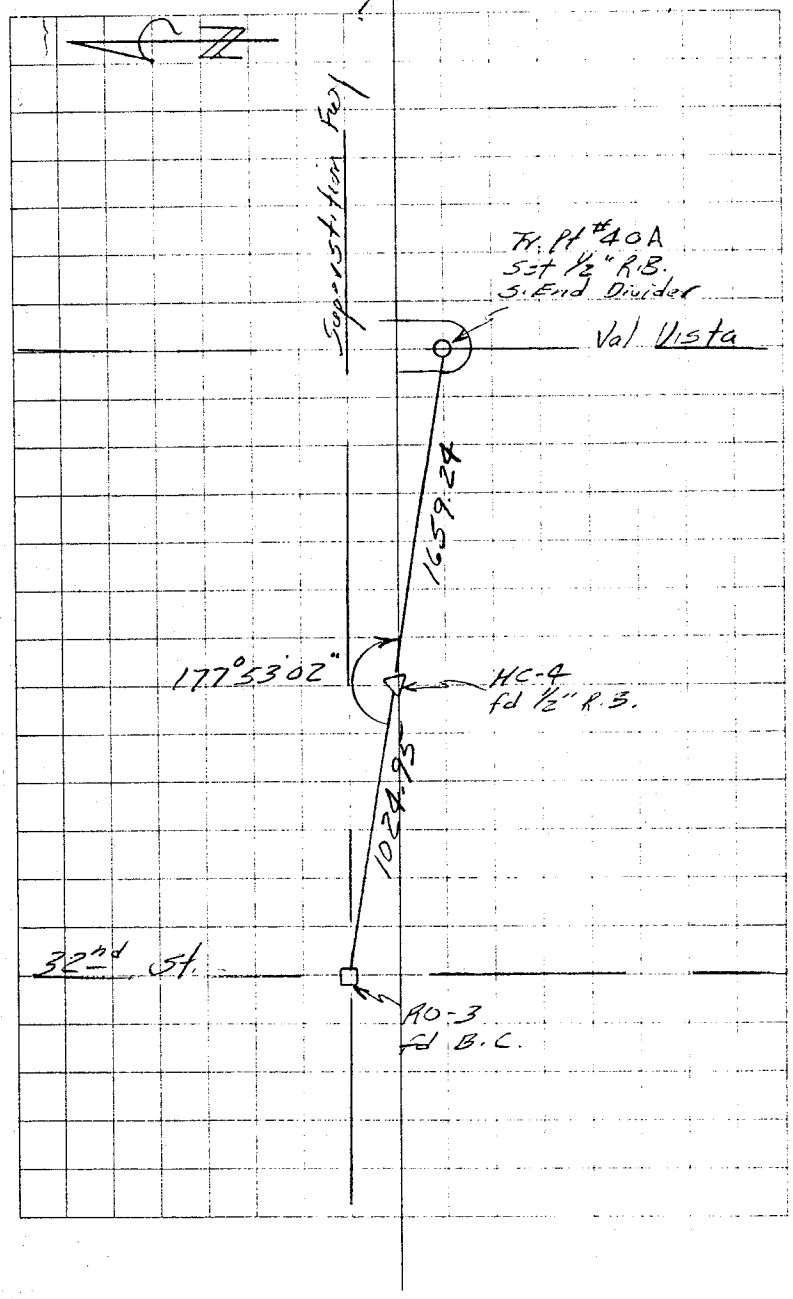
ZA = 90° 01' 30"

S.D. = 1659.24 ✓

H.D. = 1659.24 ✓

9/9/37

303/130



MCFCD Traverse — Block 3

(89) (88) (87)

TP#41 → TP#40A → HC-4

∡#1 = 197°24'27"

∡#6 = 104°26'28"

MN∡ = 197°24'25" ✓

− 359°59'60"

162°35'35" ✓

HD to HC-4

Z∡ = 90°02'24"

S.D. = 1659.24

H.D. = 1659.24 ✓

HD to TP#41

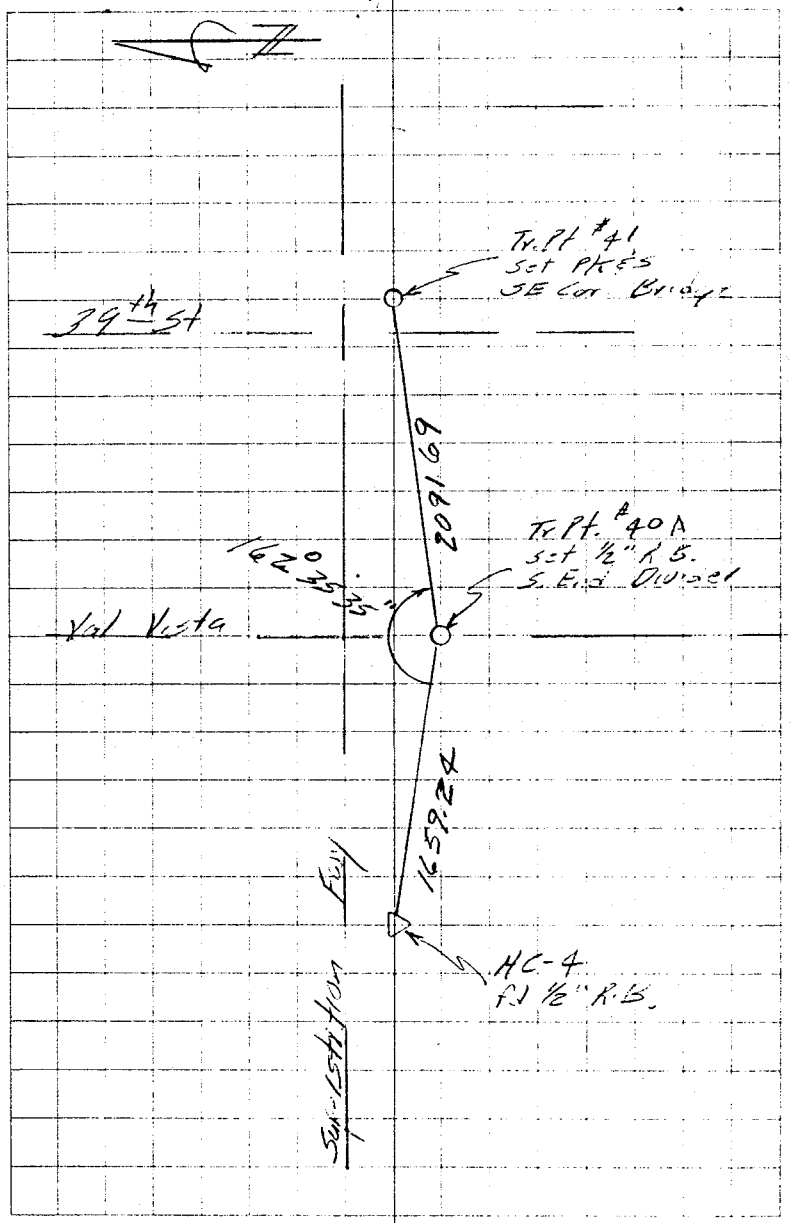
Z∡ = 89°41'48"

S.D. = 2091.72

H.D. = 2091.69 ✓

9/9/87

803/132



MCFCD Traverse - Block 3

9/9/87

803/134

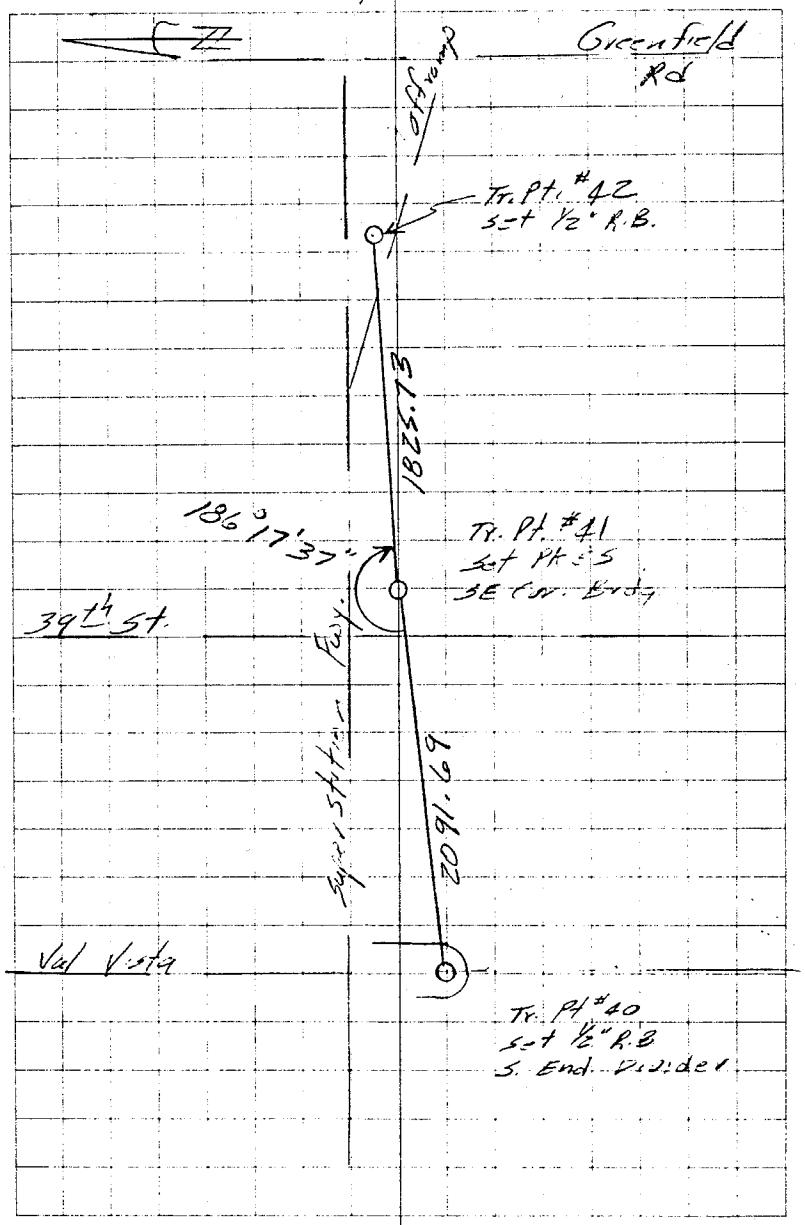
(88) TP#40 → (89) TP#41 → (90) TP#42

π

∡#1 = 186°17'32"
∡#6 = 37°45'39"
MN∡ = 186°17'37"

HD to TP#40
Z∡ = 90°21'26"
S.D. = 2091.73
H.D. = 2091.69

HD to TP #42
Z∡ = 89°41'35"
S.D. = 1825.76
H.D. = 1825.73



MCFCD Traverse – Block 3

(89) TP #41 → (90) TP #42 → (91) HC-5

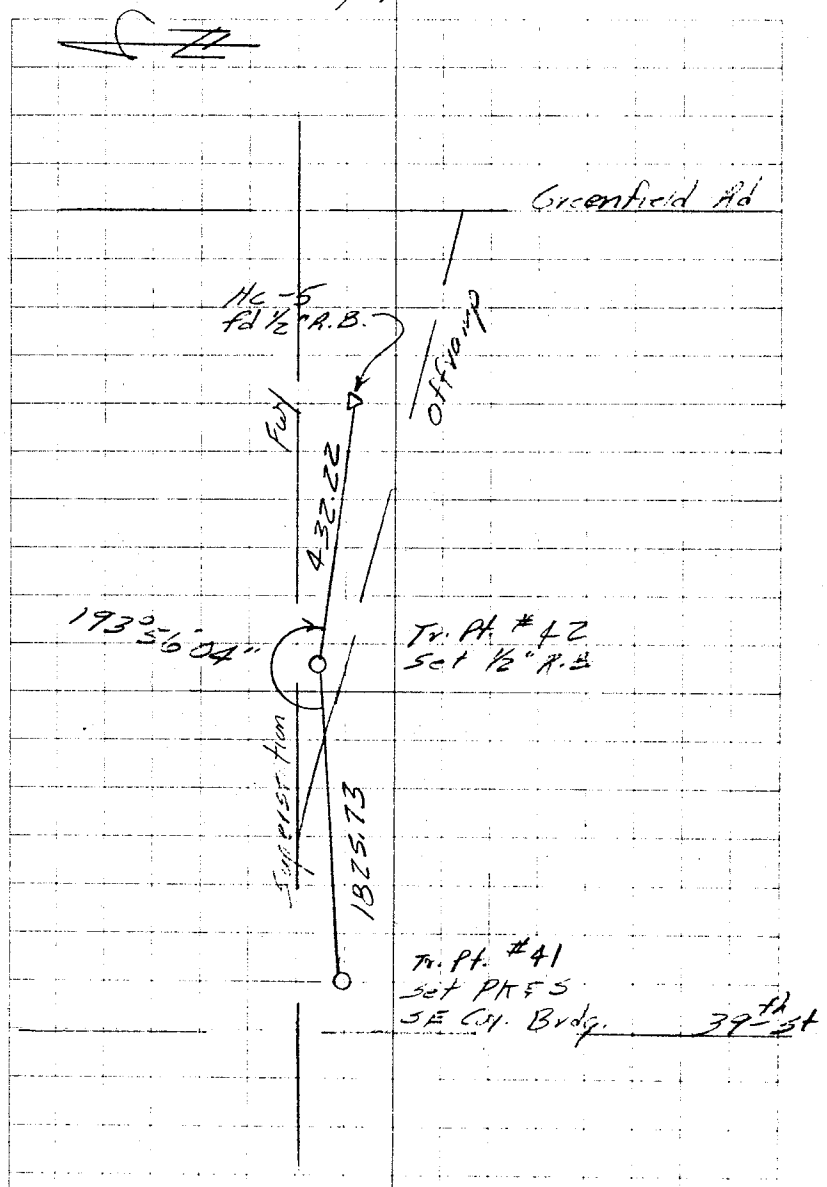
∠#1 = 193°56'13"
∠#6 = 83°36'25" ✓
NNA = 193°56'04" ✓

HD to TP #41
ZA = 90°21'53"
S.D. = 1825.77
H.D. = 1825.73 ✓

HD to HC-5
ZA = 91°13'53"
S.D. = 432.33
H.D. = 432.23 ✓

9/7/87

803/136



MCFCD | Traverse - Block 3

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9/10/87

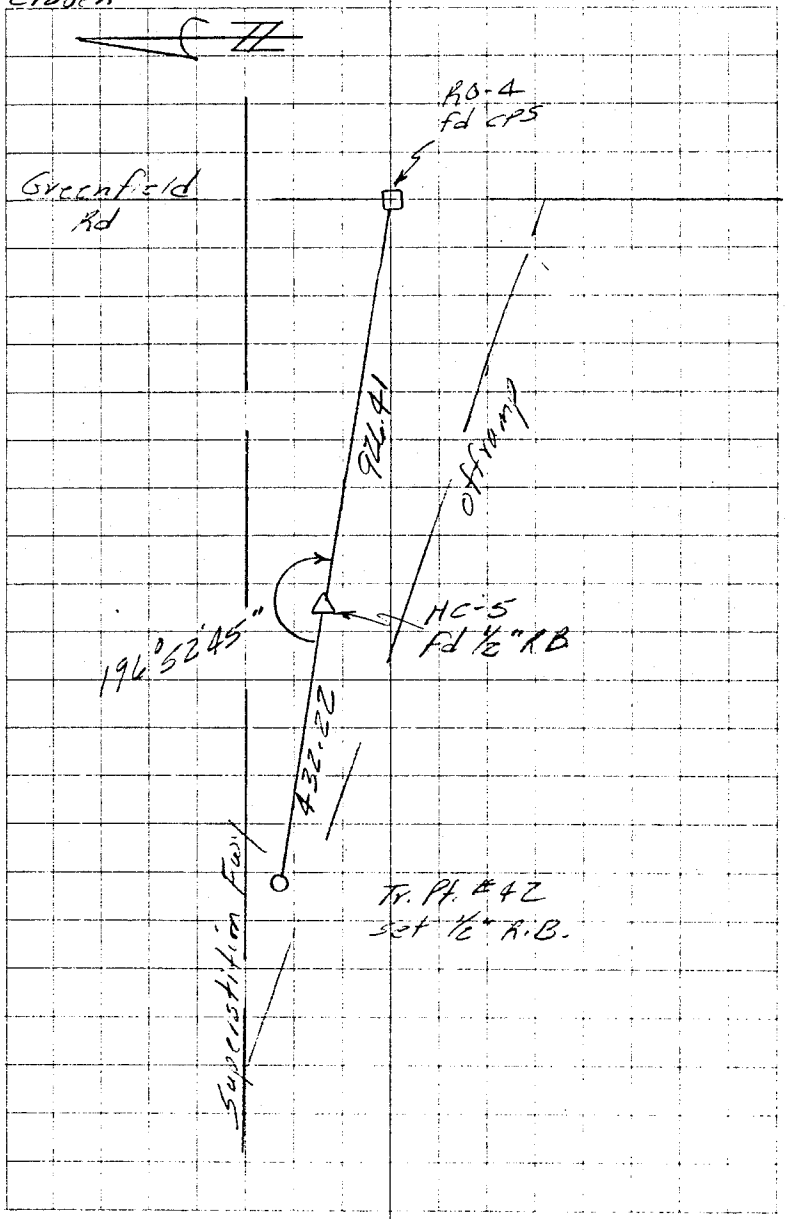
803/138

(92) RO-4 → (91) HC-5 → (90) TP #42

∠ #1 = 163°07'21" (163°07'14")
∠ #6 = 275°36'11" (258°43'29")
MN∠ = 165°56'02" (163°07'15")
Use → 163°07'15"
− 359°59'60"
196°52'45" ✓

HD to TP #42
Z∠ = 88°57'42"
S.D. = 432.28
H.D. = 432.21 ✓

HD to RO-4
Z∠ = 89°36'44"
S.D. = 926.45
H.D. = 926.39 ✓



MCFCD Traverse – Block 3

9/10/87

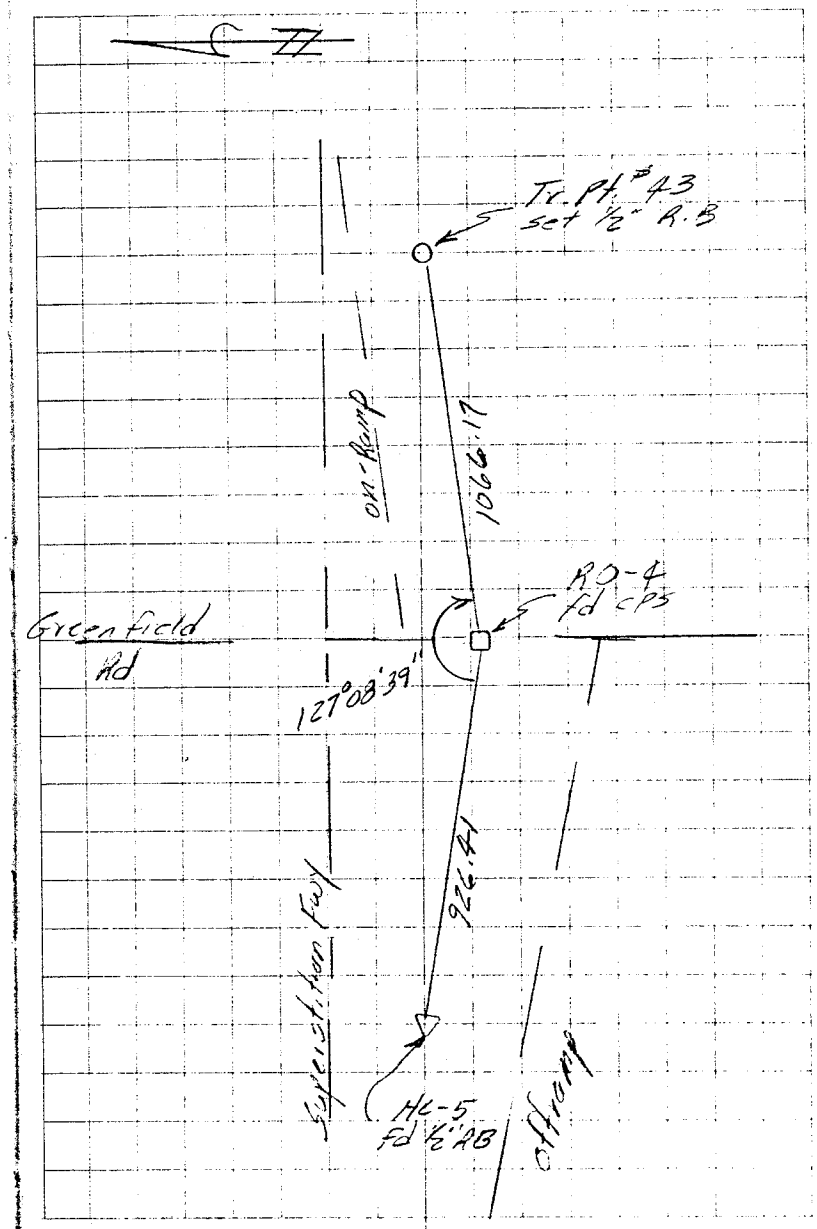
503
14

(93) TP #43 → (92) RO-4 → (91) HC-5

∠#1 = 232° 51' 24"
∠#6 = 317° 08' 08" ✓
∠NX = 232° 51' 21" ✓
− 359° 59' 60"
127° 08' 39" ✓

HD to HC-5
ZX = 90° 29' 31"
S.D. = 926.47
H.D. = 926.455 ✓

HD to TP #43
ZX = 90° 00' 57"
S.D. = 1066.17
H.D. = 1066.17 ✓



N MCFCD Traverse - Book 3

9/10/87

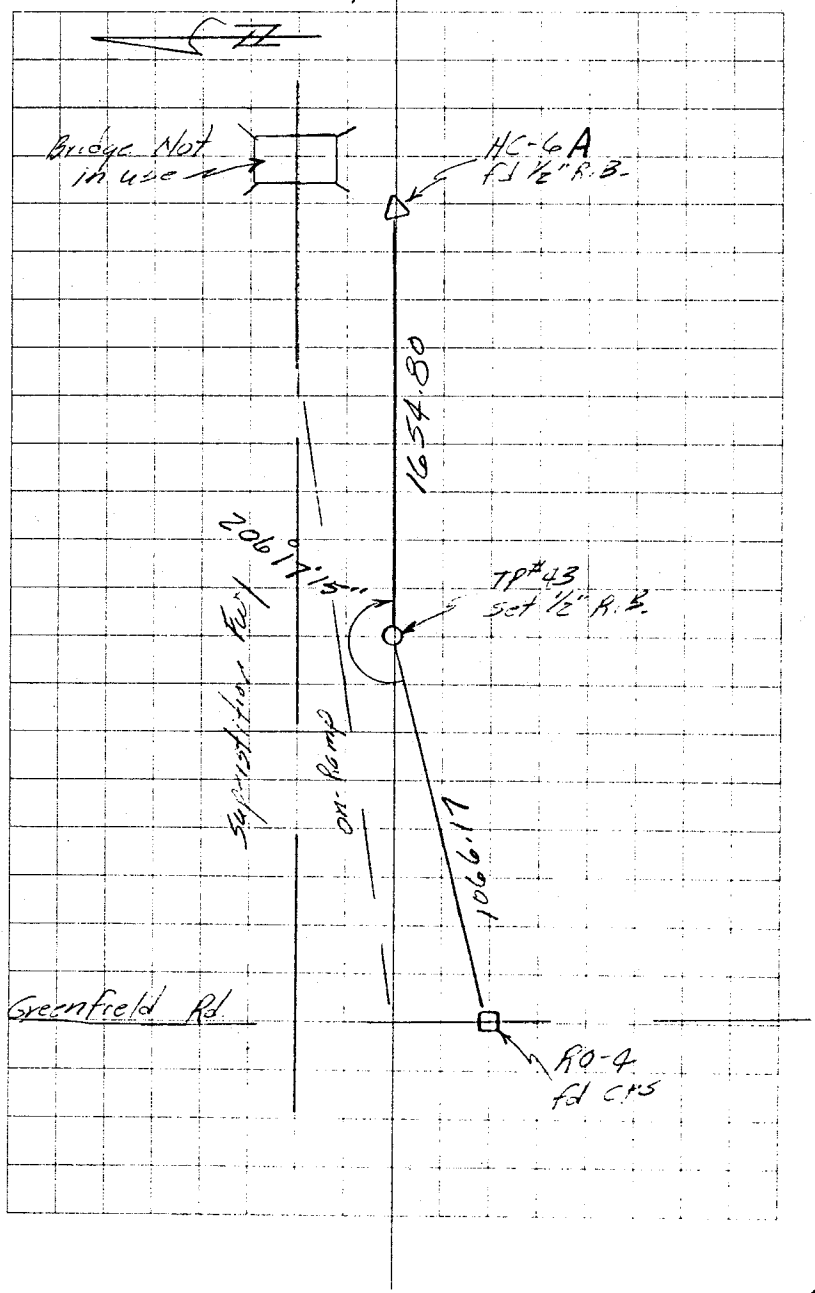
803
142

(94) HC-6A → (93) TP#43 → (92) RO-4

∠#1 = 153°42'48"
∠#6 = 202°16'27"
INT = 153°42'45" ✓
− 359°59'60"
206°17'15" ✓

HD to RO-4
∠ = 90°04'29"
S.D. = 1066.17
H.D. = 1066.17 ✓

HD to HC-6
∠ = 89°49'17"
S.D. = 1654.81
H.D. = 1654.80 ✓



MCFCD Traverse - Block 3

(95) TP#44 → (94) HC-6A → (93) TP#43

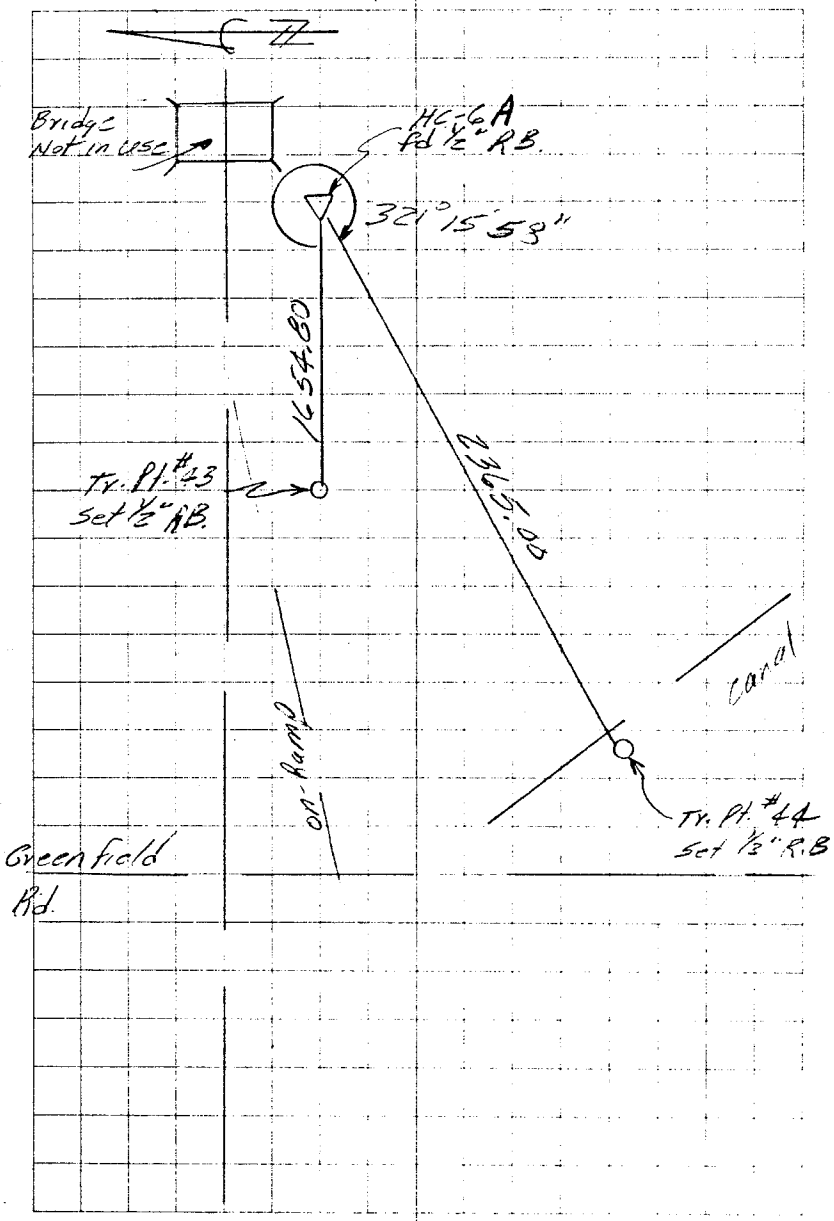
∡#1 = 38°43'57"
∡#6 = 232°24'09"
MN∡ = 38°44'02"
− 359°59'60"
321°15'58"

HD to TP#43
Z∡ = 90°14'45'
S.D. = 1654.82
H.D. = 1654.80

HD to TP#44
Z∡ = 90°15'30"
S.D. = 2365.02
H.D. = 2364.995

9/10/87

803/144



MCFCD

# Traverse – Block 3

9/10/87

803/146

(94) HC-6A → (95) TP #44 → (96) VC-2

∠#1 = 103°56'11"

∠#6 = 263°37'11"

N/A = 103°56'12" ✓

HD to HC-6

ZA = 89°47'54"

S.D. = 2365.02 ✓

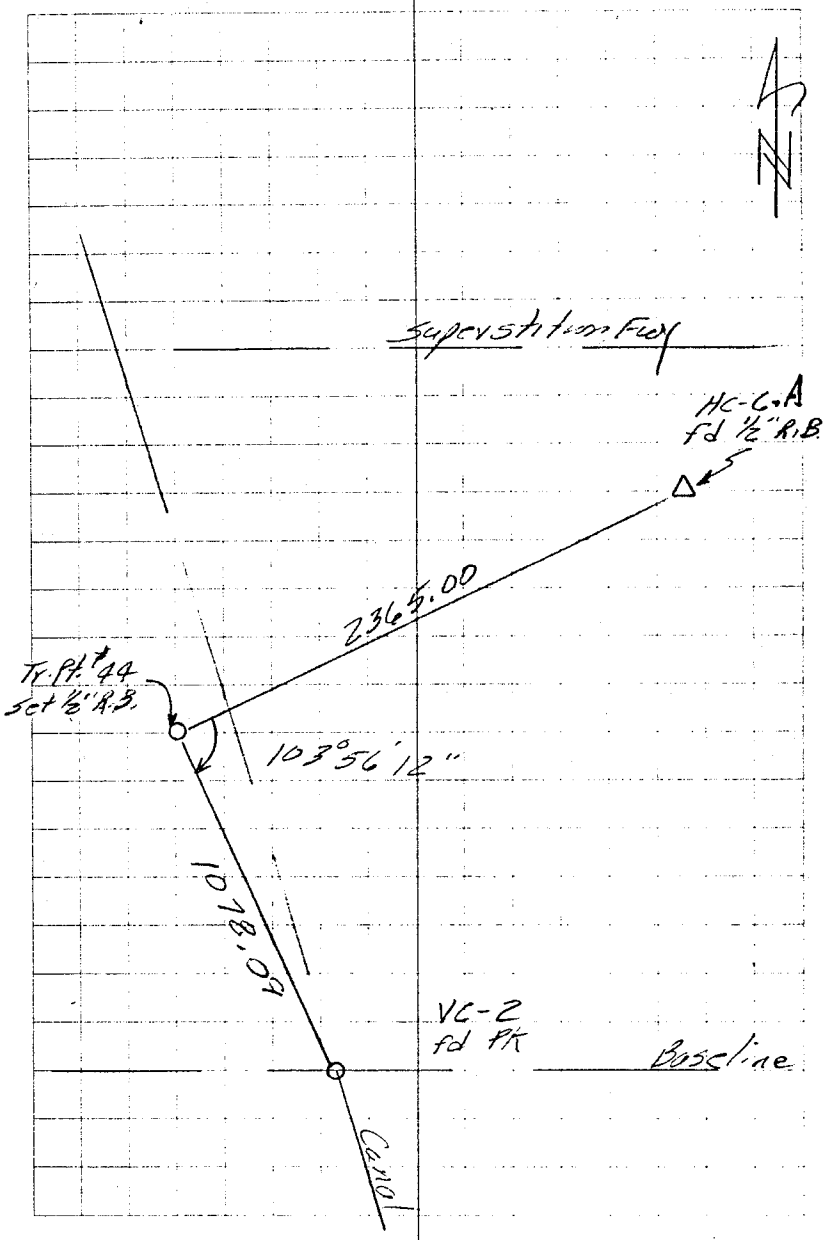
H.D. = 2365.005

HD to VC-2

ZA = 89°56'17"

S.D. = 1078.09 ✓

H.D. = 1078.09



MCFCD Traverse - Block 3

95 — 96 — 97

TP #44 → VC-2 → Sec Cor

∠#1 = 292°43'48"

∠#2 = 225°27'45" ✓

MNX = 292°43'53"

HD to Sec. Cor. = 1940.70

98 — 96 — 95

TP #45 → VC-2 → TP #44

∠#1 = 167°12'04"

∠#6 = 283°12'44" ✓

MNX = 167°12'07"

−359°59'60"

192°47'53" ✓

HD to TP #44

ZX = 90°09'05"

S.D. = 1078.10

H.D. = 1078.095 ✓

HD to TP #45

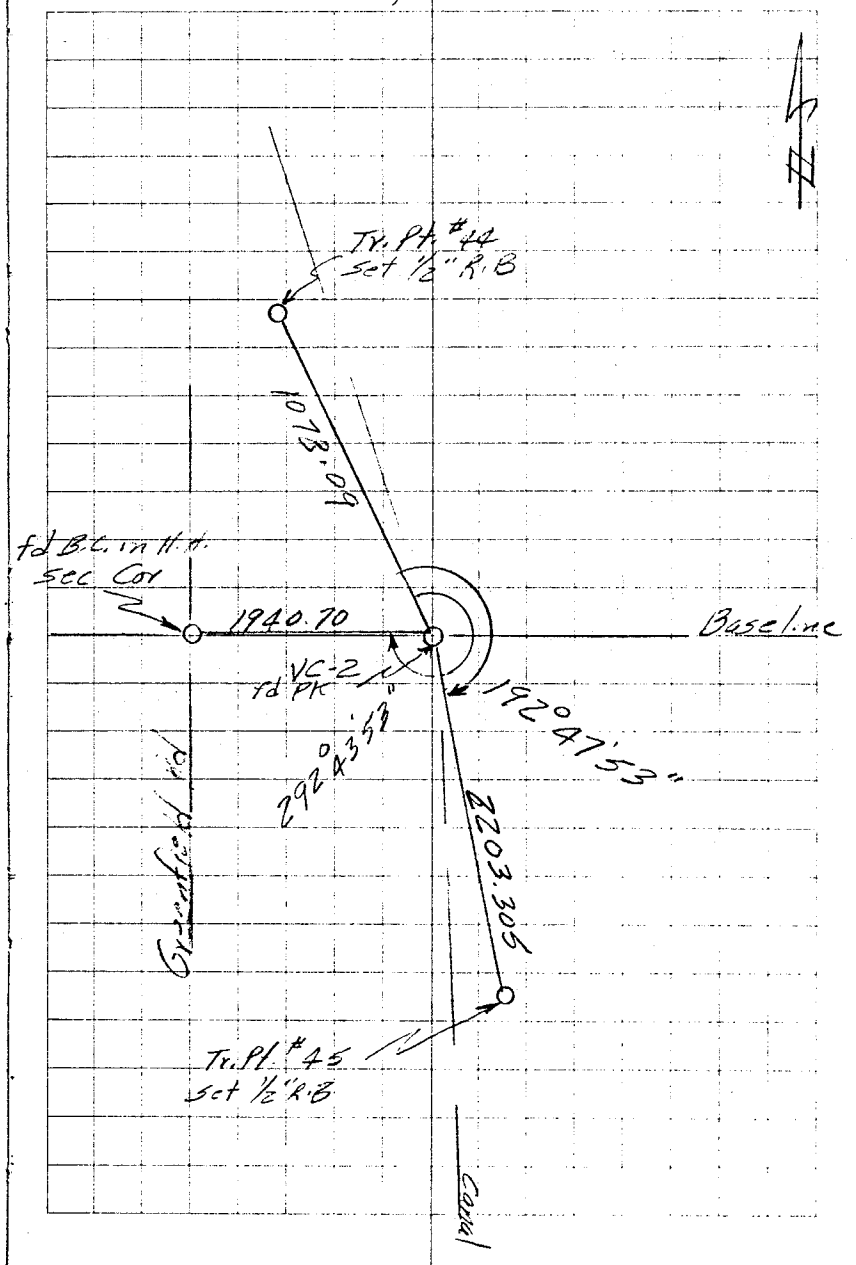
ZX = 90°04'47"

S.D. = 2203.31

H.D. = 2203.31 ✓

7/10/31

803/148



MCFCD Traverse - Block 3

9/10/87

803/150

(96) VC-2 → (98) TP #45 → (99) TP #46

∠ #1 = 197°53'16"

∠ #2 = 107°19'43" ✓

MN ∠ = 197°53'17"

HD to VC-2

∠ = 89°58'29"

S.D. = 2203.30

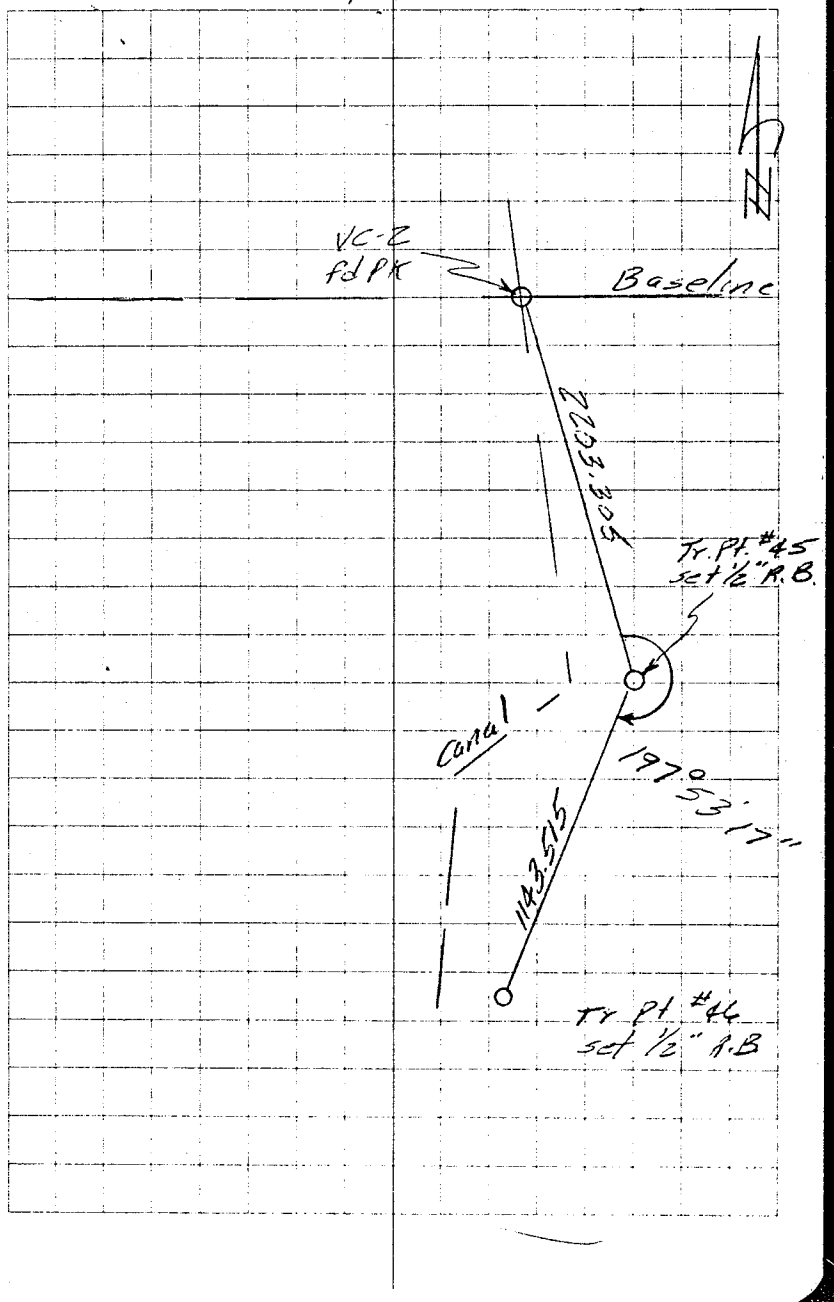
H.D. = 2203.30 ✓

HD to TP #46

∠ = 90°05'27"

SD = 1143.51

HD = 1143.51 ✓



MCFCD Traverse - Block 3

9/10/87

803/152

(100) RO-13 → (99) TP #46 → (98) TP #45

∡#1 = 201°59'41"

∡#6 = 131°57'59"

MN∡ = 201°59'40" ✓

− 359°59'60" ✓

158°00'20"

HD to TP #45

Z∡ = 89°59'48"

SD = 1143.52

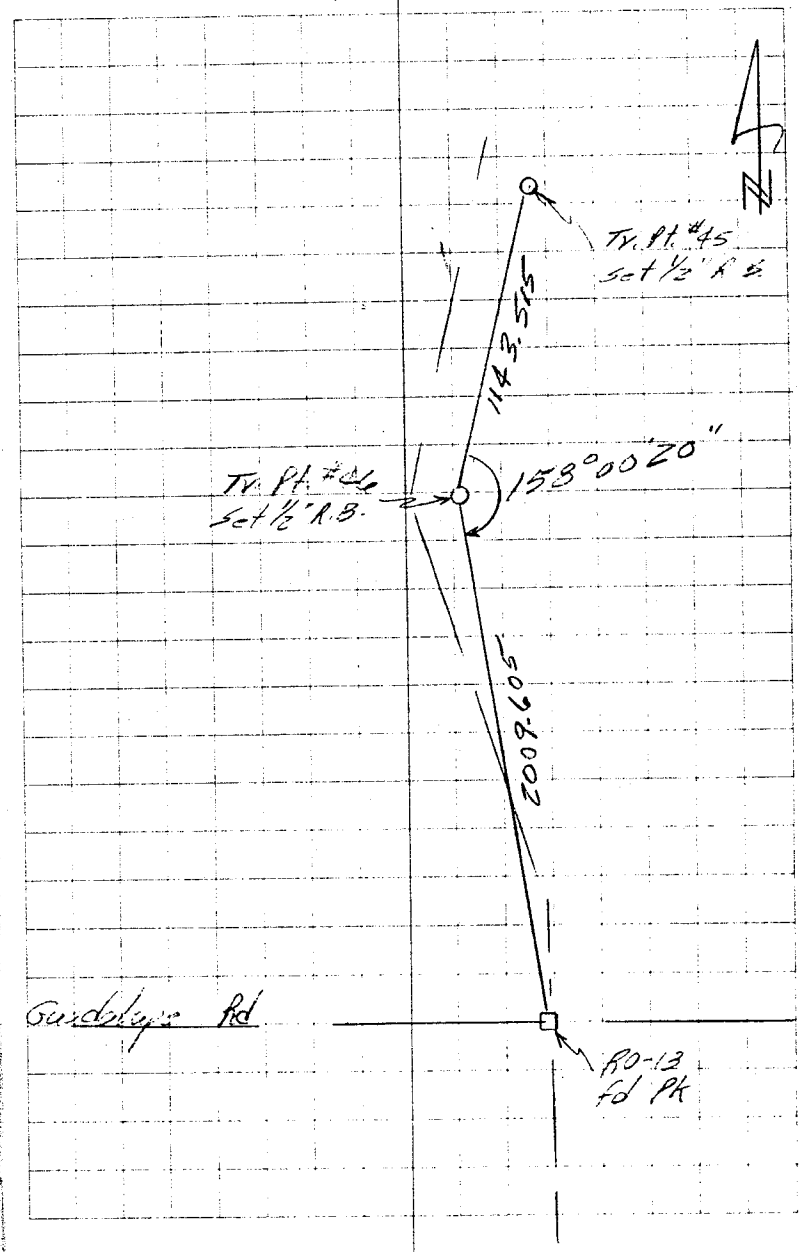
HD = 1143.52 ✓

HD to RO-13

Z∡ = 90°02'58"

S.D. = 2009.60

H.D. = 2009.60 ✓



MCFCD Traverse - Block 3

9/15/87

803/154

~~TP#46 → RO-13 → 1/4 Cor.~~

~~∡#1 = 201° 59' 41"~~

~~∡#6 = 131° 57' 59"~~

~~MN∡ = 2'~~

~~HD to 1/4 Cor. =~~

Paved over

101 100 99

RO-14 → RO-13 → TP#46

∡#1 = 256° 07' 11"

∡#6 = 96° 43' 10"

MN∡ = 256° 07' 12" ✓

− 359° 59' 60"

103° 52' 48"

HD to TP#46

Z∡ = 90° 00' 24"

S.D. = 2009.61

H.D. = 2009.61 ✓

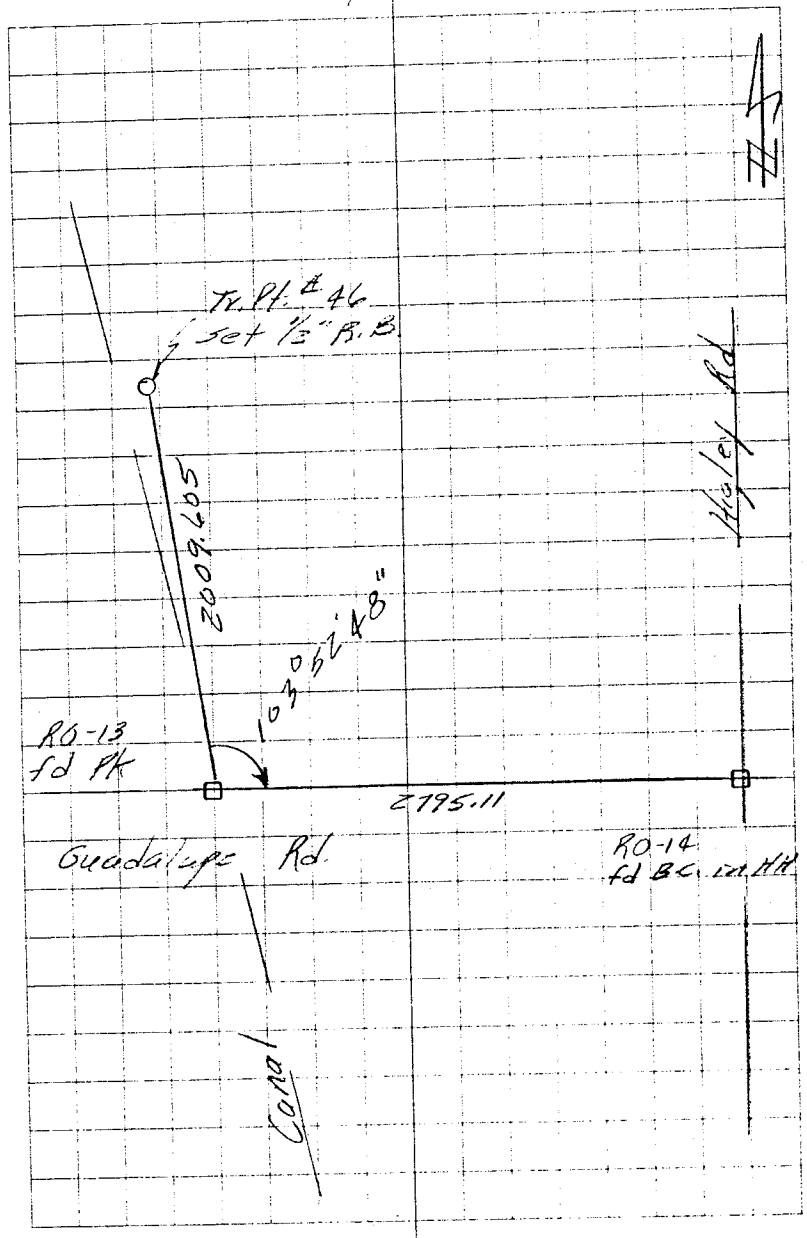
HD to RO-14

Z∡ = 89° 51' 12"

S.D. = 2795.12

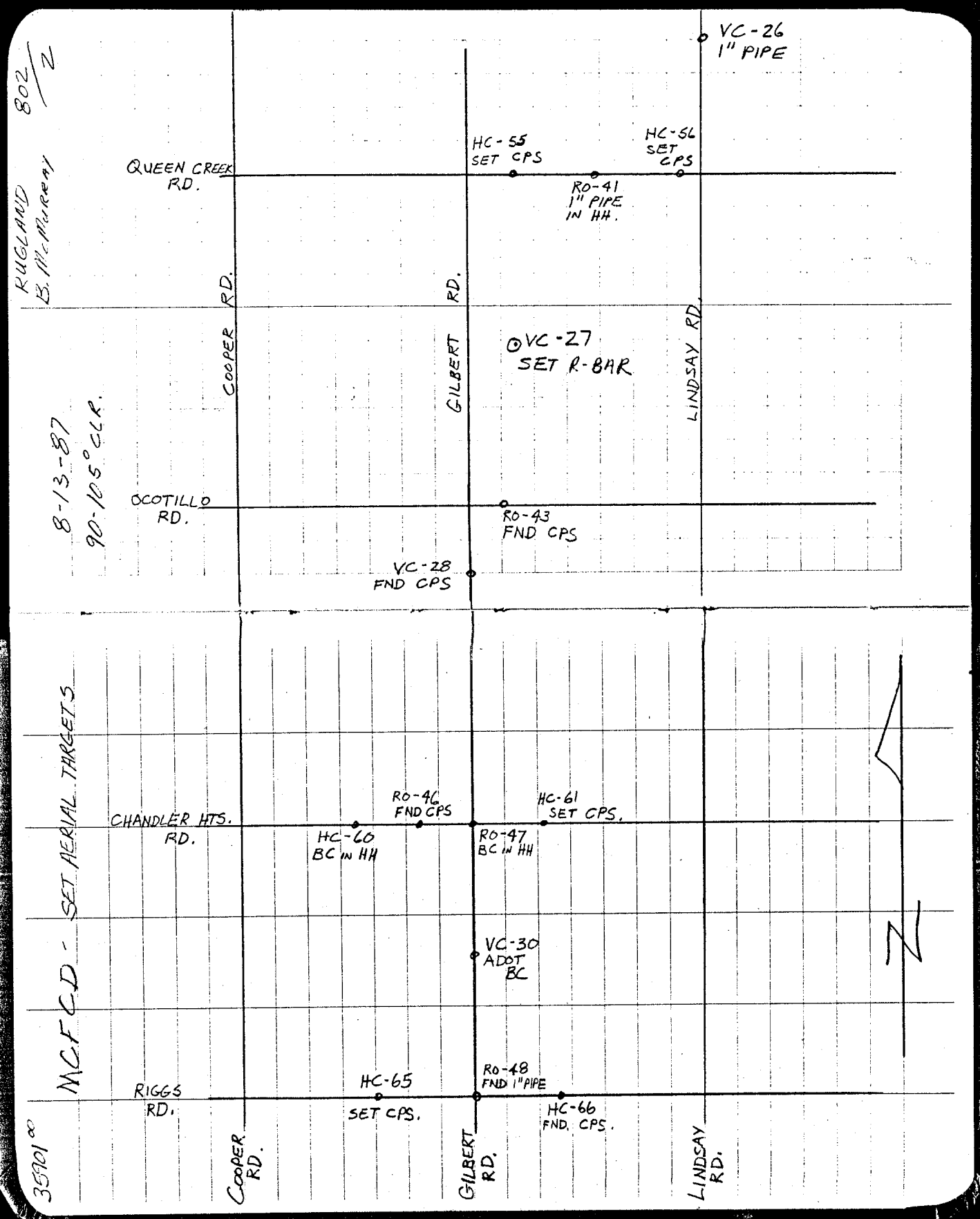
H.D. = 2795.11 ✓

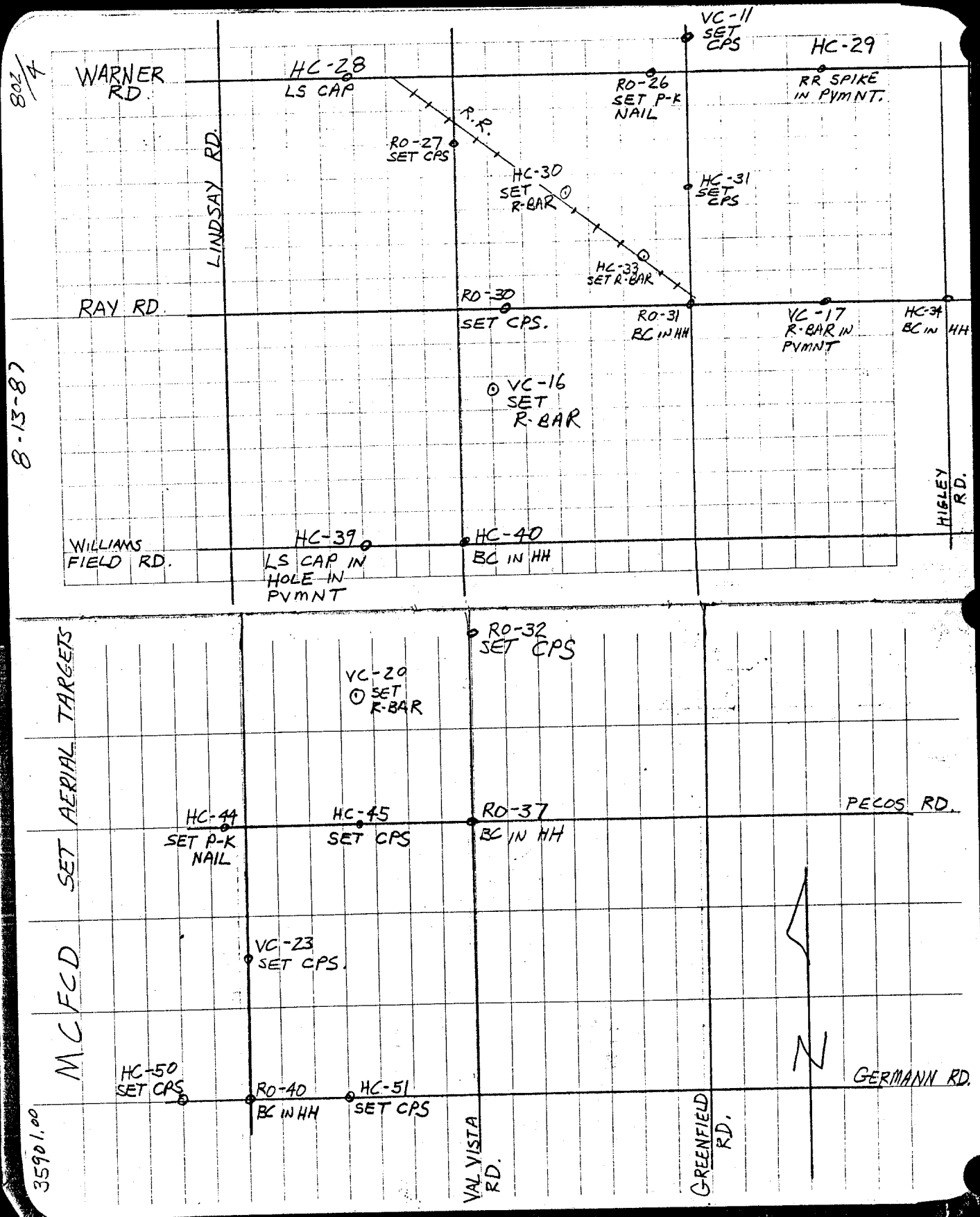
(con't in Bk 806)

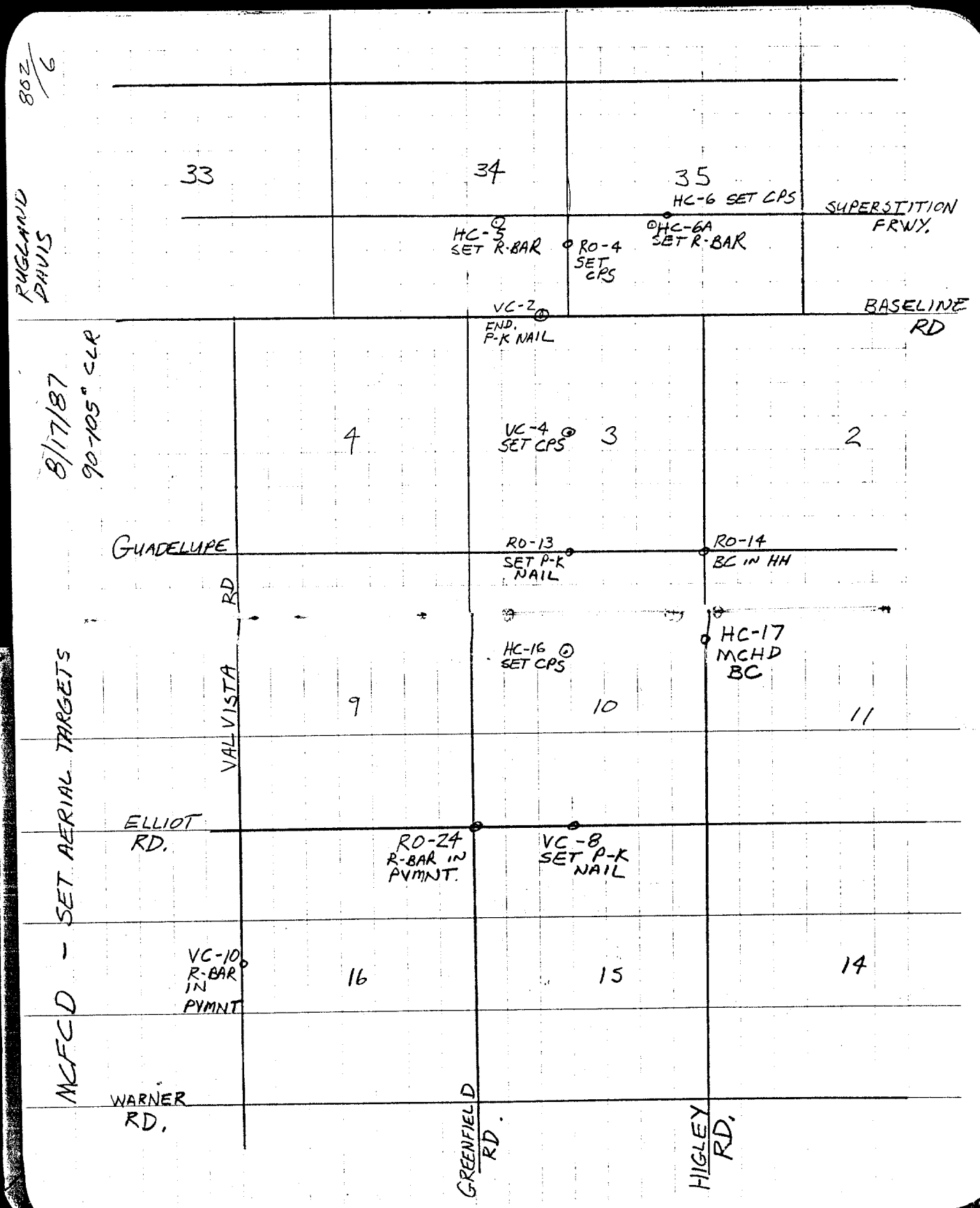


MCFCD

| | | | | |
|---|---|---|---|---|
| 35901$^{00}$ | SET AERIAL TARGETS | | 8/13-24/87 | 1-14 |
| 35901$^{00}$ | 3-WIRE LEVEL RUN, PERIMETER BLK. 1 | (TBM 1-1 TO 1-89) | 8/25-27/87 | 15-68 |
| 35901$^{00}$ | TIE BC'S TO TBM'S BLK. 1 | | 8/27/87 | 69-74 |
| 35901$^{00}$ | 3-WIRE LEVEL RUN, INTERIOR BLK. 1 | (TBM 1-90 TO 1-107) | 8/27-31/87 | 75-96 |
| 35901$^{00}$ | 3-WIRE LEVEL RUN, PERIMETER BLK. 2 | (TBM 2-1 TO 2-84) | 9/1-2/87 | 97-156 |


802/2
RUGLAND
E. McMurray
VC-26
1" PIPE
HC-55
SET CPS
HC-56
SET CPS
QUEEN CREEK
RD.
RO-41
1" PIPE
IN HH.
COOPER RD.
GILBERT RD.
LINDSAY RD.
VC-27
SET R-BAR
8-13-87
90-105° CLR.
OCOTILLO
RD.
RO-43
FND CPS
VC-28
FND CPS
MCFCD - SET AERIAL TARGETS
CHANDLER HTS.
RD.
RO-46
FND CPS
HC-61
SET CPS.
HC-60
BC IN HH
RO-47
BC IN HH
VC-30
ADOT
BC
RIGGS
RD.
HC-65
SET CPS.
RO-48
FND 1" PIPE
HC-66
FND. CPS.
COOPER
RD.
GILBERT
RD.
LINDSAY
RD.
35901 00
N


80 1/4
WARNER RD.
HC-28
LS CAP
VC-11
SET
CPS
HC-29
RR SPIKE
IN PVMNT.
RO-26
SET P-K
NAIL
R.R.
RO-27
SET CPS
HC-30
SET
R-BAR
HC-31
SET
CPS
HC-33
SET R-BAR
LINDSAY RD.
RAY RD.
RO-30
SET CPS.
RO-31
BC IN HH
VC-17
R-BAR IN
PVMNT
HC-34
BC IN HH
8-13-87
VC-16
SET
R-BAR
HIGLEY
RD.
WILLIAMS
FIELD RD.
HC-39
LS CAP IN
HOLE IN
PVMNT
HC-40
BC IN HH
RO-32
SET CPS
VC-20
SET
R-BAR
SET AERIAL TARGETS
HC-44
SET P-K
NAIL
HC-45
SET CPS
RO-37
BC IN HH
PECOS RD.
MCFCD
VC-23
SET CPS.
HC-50
SET CPS
RO-40
BC IN HH
HC-51
SET CPS
N
GERMANN RD.
VAL VISTA
RD.
GREENFIELD
RD.
3590 1.00


80Z/6
33
34
35
HC-6 SET CPS
SUPERSTITION FRWY.
RUGLAND DAVIS
HC-5 SET R-BAR
RO-4 SET CPS
HC-6A SET R-BAR
VC-2 END, P-K NAIL
BASELINE RD
8/17/87 90-105° CLR
4
VC-4 SET CPS
3
2
GUADELUPE RD
RO-13 SET P-K NAIL
RO-14 BC IN HH
HC-16 SET CPS
HC-17 MCHD BC
VAL VISTA
9
10
11
ELLIOT RD.
RO-24 R-BAR IN PVMNT.
VC-8 SET P-K NAIL
MCFCD - SET AERIAL TARGETS
VC-10 R-BAR IN PVMNT
16
15
14
WARNER RD.
GREENFIELD RD.
HIGLEY RD.

35901 00

# MCFCD - SET AERIAL TARGETS

8-18-87

802/8

WARNER RD.

ELLIOT RD.

GILBERT RD.

LINDSAY RD.

VALVISTA RD.

RO-22 SET CPS

HC-22 SET R-BAR

RO-23 SET CPS

RO-25 LS CAP

HC-23 SET CPS

HC 14 SET CPS

BASELINE RD.

GUADELUPE RD.

SUPERSTITION FRWY

RO-6 RC IN HH

UC-3 SET R-BAR

SET PK NAIL

RO-12

HC-15 SET CPS

SET R-BAR HC-3

RO-3

ADOT BZ

HC-4 SET R-BAR

GILBERT RD.

LINDSAY RD.

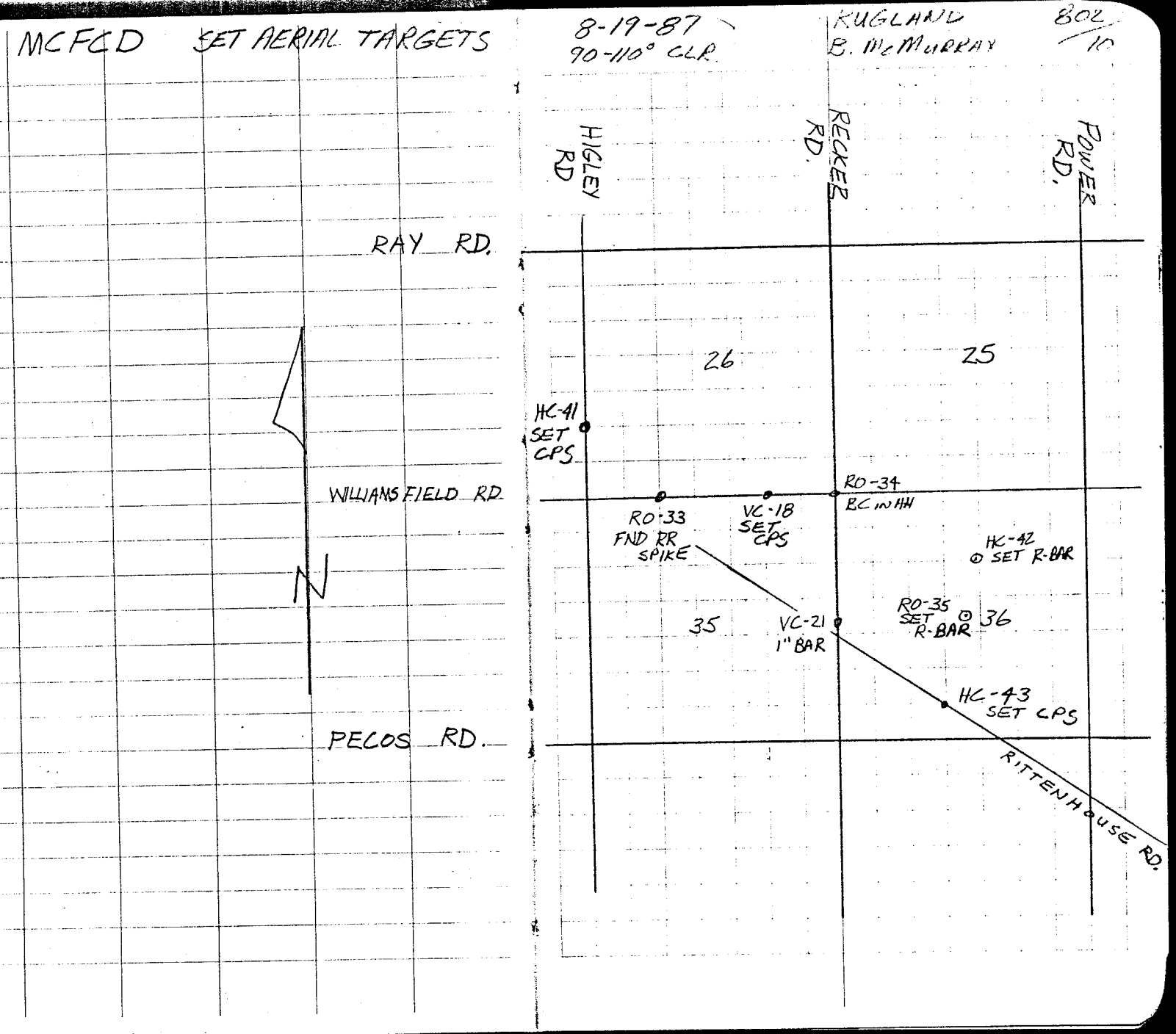
VAL VISTA

MCFCD SET AERIAL TARGETS

8-19-87
90-110° CLR.

KUGLAND
B. McMURRAY

802/10



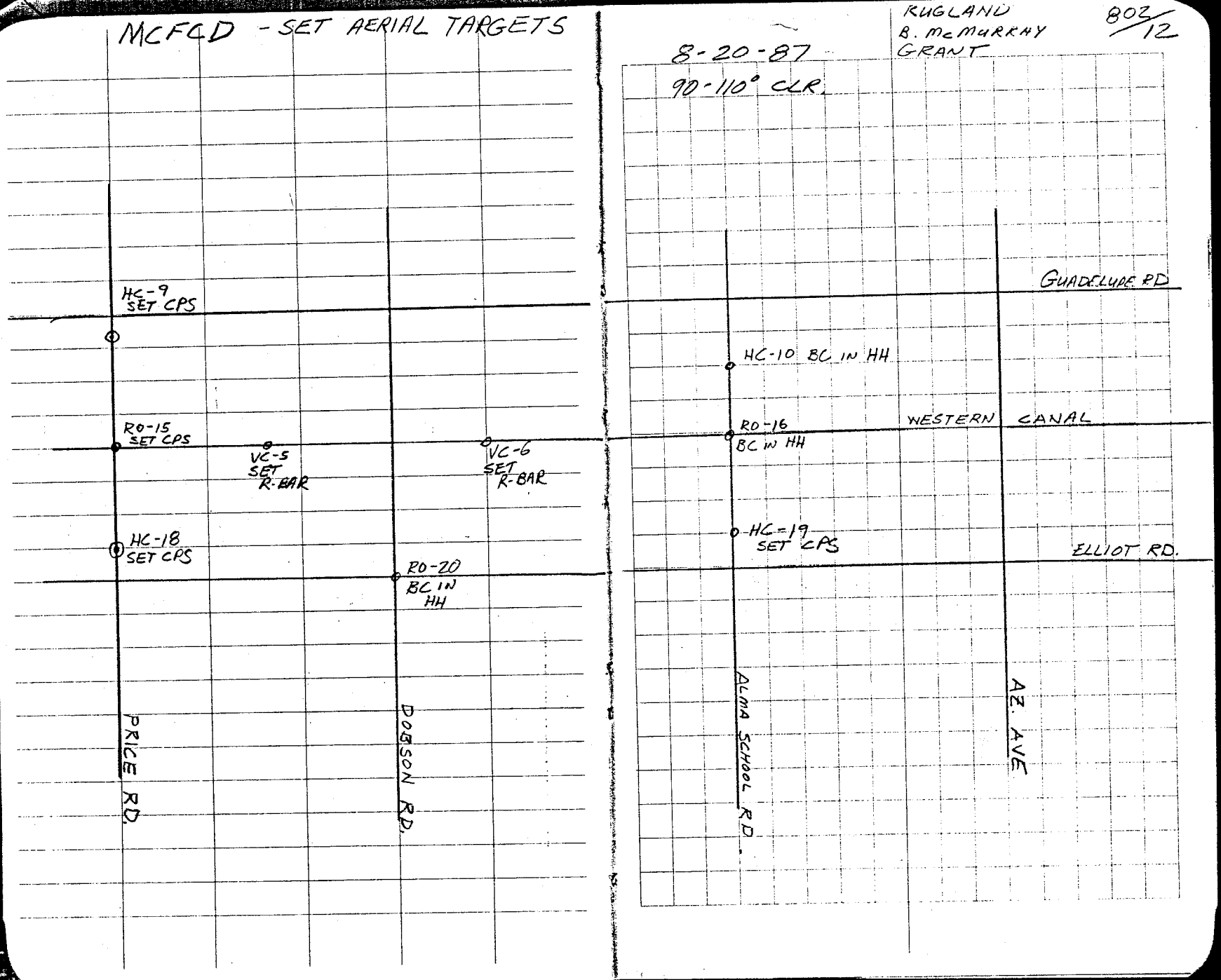
# MCFCD - SET AERIAL TARGETS

8-20-87

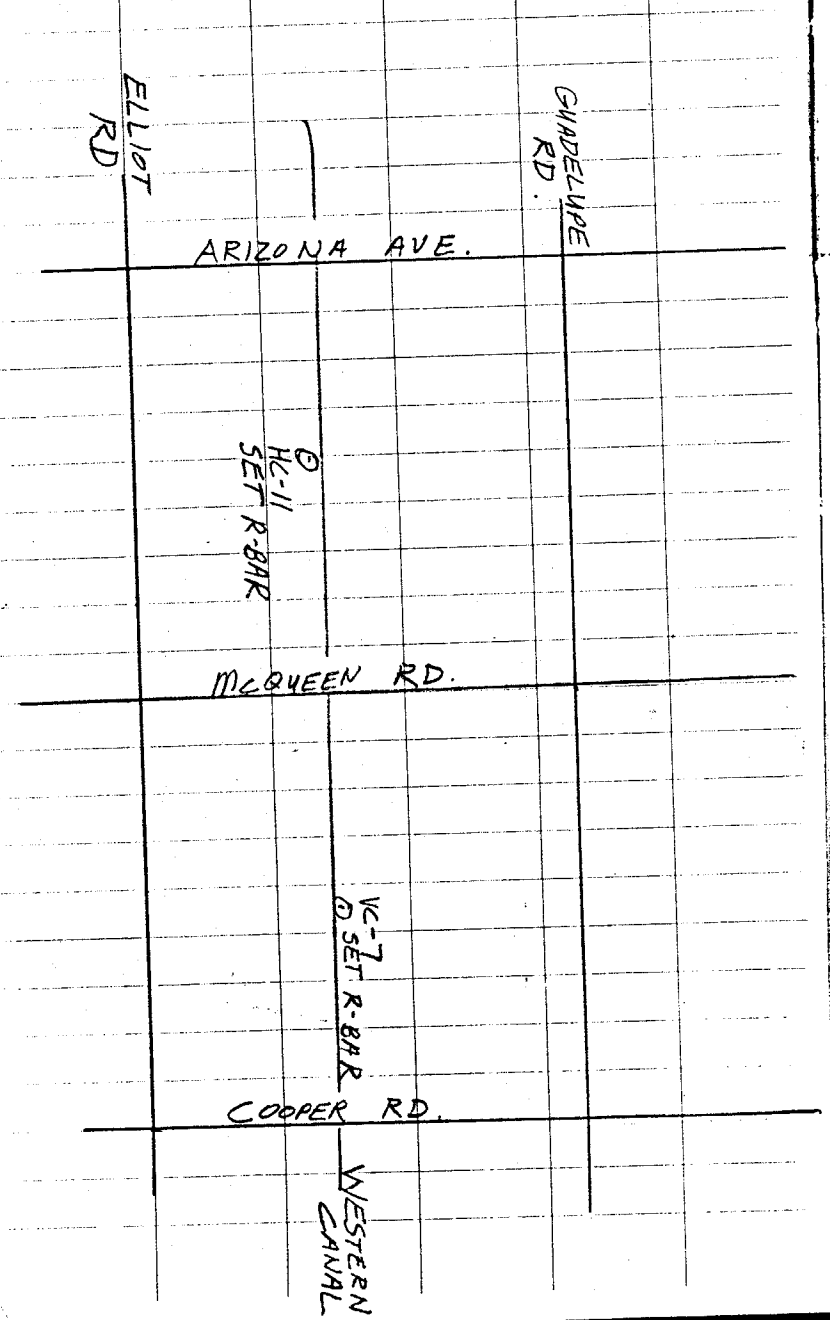
90-110° CLR.

RUGLAND
B. McMURRAY
GRANT

802/12



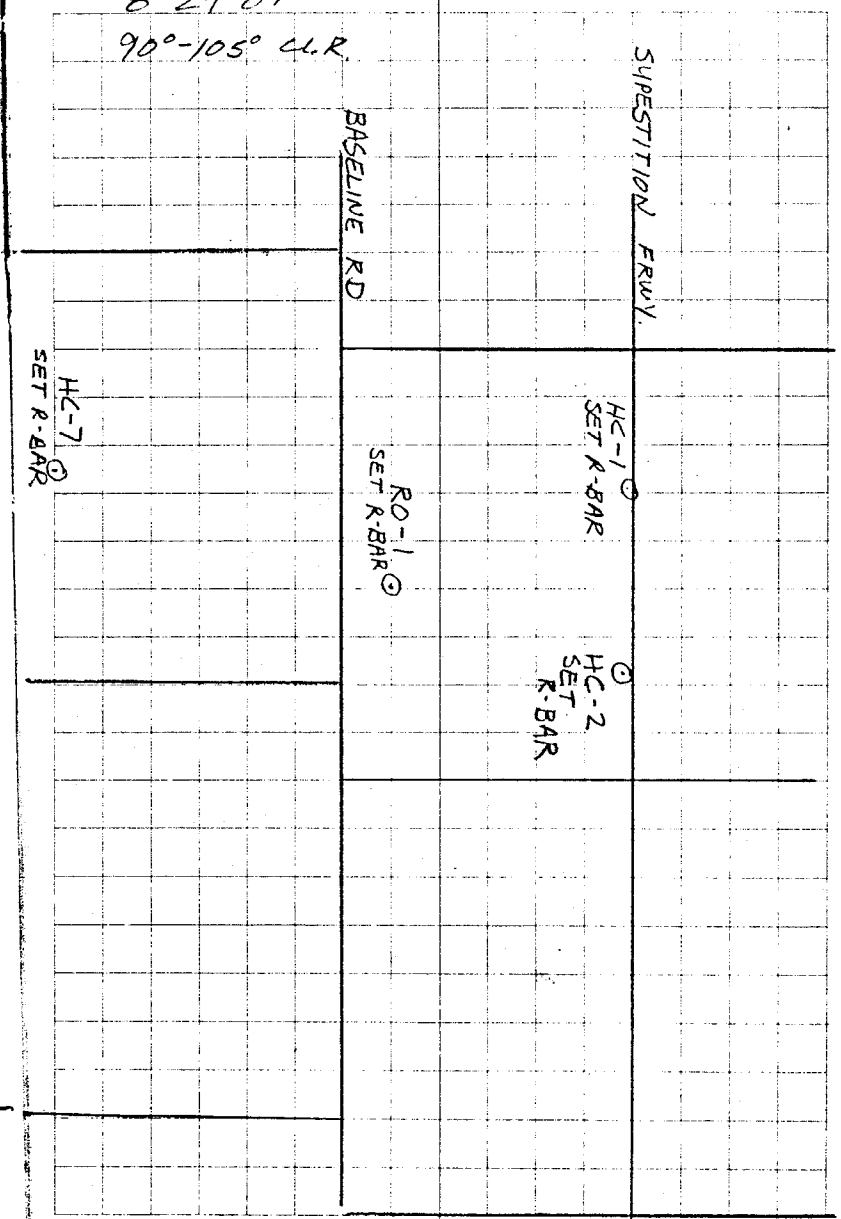
MCFCD - SET AERIAL TARGETS




RUGLAND
B. McMURRAY

802/14

8-24-87
90°-105° CL.R.



M.C.F.C.D.

RUGLAND
B. Mc MURRAY
THOMPSON

802/16

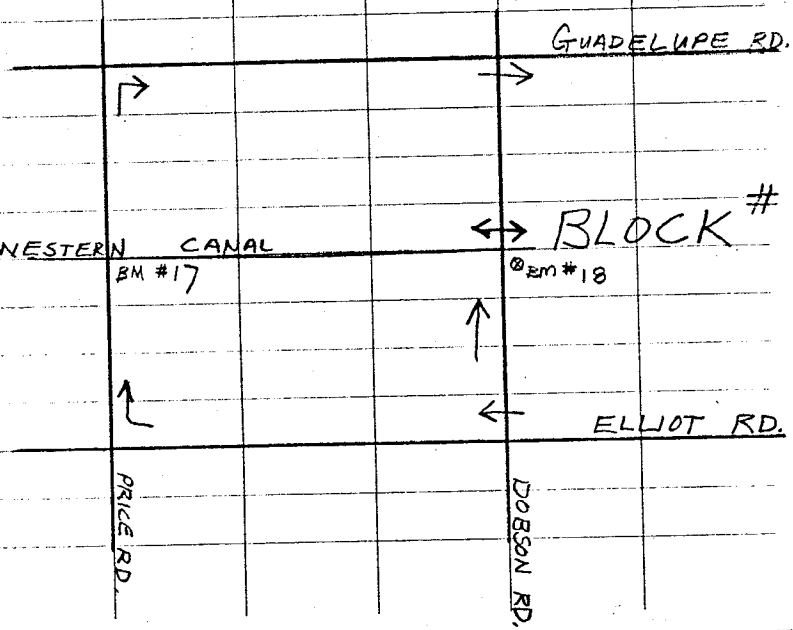
8-25-87

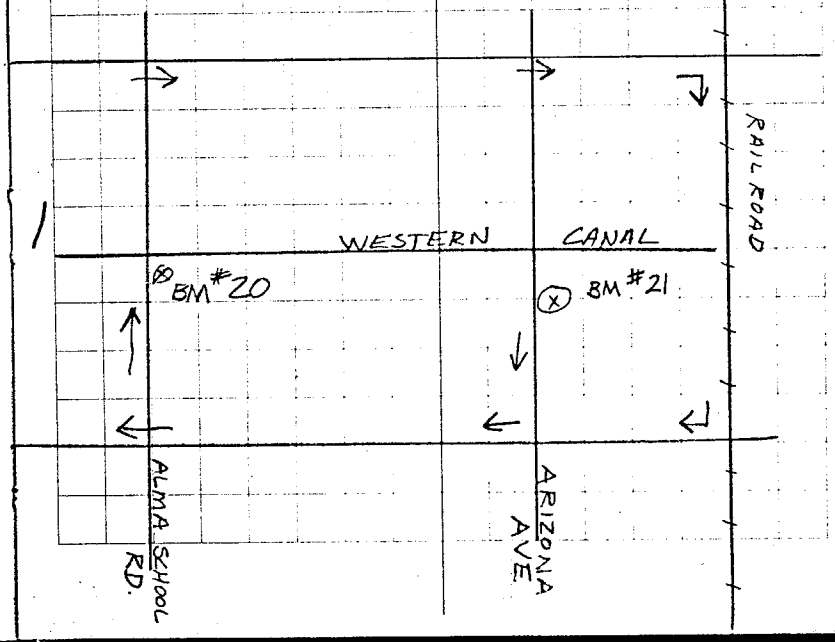
90°-105° CLR.

# 3-WIRE LEVEL RUN BLOCK 1

| PEG | LEVEL | #6 |
|---|---|---|
| | 0 | 300 |
| ℄ @ 1+50 | 4.81 | 5.18 |
| ℄ @ 0+00 | 4.85 | 4.48 |
| | 9.66 | 9,66 |

NOTE: ALL TBM's ON CONC. MARKED WITH BLUE PAINT



MCFCD

3-WIRE LEVEL RUN BLK. 1

8-25-87

| | | | | | |
|---|---|---|---|---|---|
| BM #21 | | | 1209.933 | | 2" BC SET IN BASE OF ELEC. TOWER #115 @ SE COR. OF INT. OF AZ. AVE & WESTERN CANAL |
| | 4.19 | | | | |
| | 2.85 | +2.85 | 12.783 | | |
| | 1.51 | | | | |
| | | | | 6.92 | |
| | | | | 5.325 | |
| TBM 1-1 | | | | 3.73 | |
| | 6.33 | | | | |
| | 4.875 | +4.875 | 12.333 | | |
| | 3.425 | | | | |
| | | | | 5.805 | |
| | | | | 4.355 | |
| TBM 1-2 | | | | 2.91 | |
| | 6.48 | | | | |
| | 5.05 | +5.05 | 13.028 | | |
| | 3.62 | | | | |
| | | | | 6.34 | |
| | | | | 4.93 | |
| TBM 1-3 | | | | 3.52 | |
| | 6.715 | | | | |
| | 5.31 | +5.31 | 13.408 | | |
| | 3.91 | | | | |

| | | |
|---|---|---|
| -5.325 | 1207.458 | □ CUT ON TOP OF CURB W. SIDE AZ AVE, 600' S. OF WESTERN CANAL |
| -4.355 | 1208.978 | □ CUT ON TOP OF CURB W. SIDE AZ. AVE, 1150' S. OF WESTERN CANAL |
| -4.93 | 1208.098 | □ CUT ON TOP OF CURB, W. SIDE AZ. AVE, 1700' S. OF WESTERN CANAL |

8-25-87

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1213.408 | | | |
| | | | | 5.98 | | |
| | | | | 4.47 | -4.47 | 1208.938 |
| TBM 1-4 | | | | 2.96 | | |
| | 6.125 | | | | | |
| | 5.04 | +5.09 | 13.978 | | | |
| | 3.955 | | | | | |
| | | | | 8.20 | | |
| | | | | 6.825 | -6.825 | 1207.153 |
| TBM 1-5 | | | | 5.45 | | |
| | 4.965 | | | | | |
| | 3.51 | +3.51 | 10.663 | | | |
| | 2.055 | | | | | |
| | | | | 6.47 | | |
| | | | | 5.14 | -5.14 | 1205.523 |
| TBM 1-6 | | | | 3.81 | | |
| | 6.22 | | | | | |
| | 4.82 | +4.82 | 10.343 | | | |
| | 3.42 | | | | | |
| | | | | 7.17 | | |
| | | | | 5.78 | -5.78 | 1204.563 |
| TBM 1-7 | | | | 4.385 | | |
| | 6.285 | | | | | |
| | 4.905 | +4.905 | 09.468 | | | |
| | 3.525 | | | | | |

□ CUT, TOP OF CURB, W. SIDE OF RD, 250' N OF INT. OF AZ. AVE & ELLIOT RD.

□ CUT, TOP OF CURB, N. SIDE OF ELLIOT, 250' W. OF AZ AVE.

□ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 800' W. OF AZ AVE.

□ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 1350' W. OF AZ. AVE.

MCFCD
BLK. 1

1209.468

| | | | | |
|---|---|---|---|---|
| | | | | 7.525 |
| TBM 1-8 | | | | 6.15 |
| | | | | 4.775 |
| | 6.90 | | | |
| | 5.475 | +5.475 | 08.793 | |
| | 4.05 | | | |
| | | | | 6.89 |
| TBM 1-9 | | | | 5.47 |
| | | | | 4.055 |
| | 6.14 | | | |
| | 4.735 | +4.735 | 08.058 | |
| | 3.325 | | | |
| | | | | 5.995 |
| TBM 1-10 | | | | 4.59 |
| | | | | 3.19 |
| | 5.725 | | | |
| | 4.33 | +4.33 | 07.798 | |
| | 2.94 | | | |
| | | | | 7.27 |
| TBM 1-11 | | | | 5.895 |
| | | | | 4.52 |
| | 7.03 | | | |
| | 5.605 | +5.605 | 07.508 | |
| | 4.175 | | | |

8-25-87

| | | |
|---|---|---|
| -6.15 | 1203.318 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT RD, 50' E. OF SUMMIT PLACE DR. |
| -5.47 | 1203.323 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 500' W. OF SUMMIT PLACE DR. |
| -4.59 | 1203.468 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 1050' W. OF SUMMIT PLACE DR. |
| -5.895 | 1201.903 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 1600' W. OF SUMMIT PL. DR. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1207.508 ↑ | | | | |
| | | | | 7.47 | | | |
| | | | | 6.125 | -6.125 | 1201.383 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 200' E. OF PLEASANT DR. |
| TBM 1-12 | | | | 4.775 | | | |
| | 4.985 | | | | | | |
| | 3.61 | +3.61 | 04.993 ↑ | | | | |
| | 2.235 | | | | | | |
| | | | | 5.58 | | | |
| | | | | 4.245 | -4.245 | 1200.748 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT, 500' E. OF ALMA SCHOOL RD. |
| TBM 1-13 | | | | 2.91 | | | |
| | 5.61 | | | | | | |
| | 4.31 | +4.31 | 05.058 ↑ | | | | |
| | 3.005 | | | | | | |
| | | | | 6.85 | | | |
| | | | | 5.33 | -5.33 | 1199.728 | □ CUT, TOP OF CURB, NW COR. OF INT. OF ELLIOT & ALMA SCHOOL RD |
| TBM 1-14 | | | | 3.81 | | | |
| | 5.88 | | | | | | |
| | 4.475 | +4.475 | 04.203 ↑ | | | | |
| | 3.07 | | | | | | |
| | | | | 6.34 | | | |
| | | | | 4.94 | -4.94 | 1199.263 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 600' E. OF ALMA SCHOOL RD. |
| TBM 1-15 | | | | 3.535 | | | |
| | 6.46 | | | | | | |
| | 5.20 | +5.20 | 04.463 ↑ | | | | |
| | 3.94 | | | | | | |

8-25-87

8-25-87

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1204.463 ↑ | | |
| | | | | 7.11 | |
| TBM 1-16 | | | | 5.73 | −5.73 | 1198.733 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 150' W. OF COMANCHE RD. |
| | | | | 1.355 | | | |
| | 5.95 | | | | | | |
| | 4.575 | +4.575 | 03.308 ↑ | | | | |
| | 3.205 | | | | | | |
| | | | | 7.165 | | | |
| TBM 1-17 | | | | 5.77 | −5.77 | 1197.538 | □ CUT ON TOP OF CURB, N. SIDE ELLIOT RD. 700' W. OF COMANCHE RD. |
| | | | | 4.38 | | | |
| | 6.22 | | | | | | |
| | 4.805 | +4.805 | 02.343 ↑ | | | | |
| | 3.39 | | | | | | |
| | | | | 6.23 | | | |
| TBM 1-18 | | | | 4.825 | −4.825 | 1197.518 | □ CUT ON TOP OF CURB, N. SIDE ELLIOT RD, 300' W. OF CENTRAL DR. N. |
| | | | | 3.42 | | | |
| | 7.08 | | | | | | |
| | 5.68 | +5.68 | 03.198 ↑ | | | | |
| | 4.285 | | | | | | |
| | | | | 6.80 | | | |
| TBM 1-19 | | | | 5.425 | −5.425 | 1197.773 | □ CUT ON TOP OF CURB, N. SIDE ELLIOT RD. 400' W. OF CENTRAL DRIVE SOUTH |
| | | | | 4.05 | | | |
| | 5.985 | | | | | | |
| | 4.575 | +4.575 | 02.348 ↑ | | | | |
| | 3.165 | | | | | | |

MCFCD

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 1202.348 | | | | |
| | | | | 7.18 | | | |
| TBM 1-20 | | | | 5.76 | -5.76 | 1196.588 | □ CUT ON TOP OF CURB, N. SIDE OF ELLIOT RD, 50' W. OF SYCAMORE PLACE |
| | | | | 4.34 | | | |
| | 6.255 | | | | | | |
| | 4.86 | +4.86 | 01.448 | | | | |
| | 3.46 | | | | | | |
| | | | | 6.455 | | | |
| TBM 1-21 | | | | 5.075 | -5.075 | 1196.373 | □ CUT ON TOP OF CURB, N. SIDE OF ELLIOT, 600' W. OF SYCAMORE PL. |
| | | | | 3.695 | | | |
| | 5.185 | | | | | | |
| | 3.835 | +3.835 | 00.208 | | | | |
| | 2.48 | | | | | | |
| | | | | 6.925 | | | |
| TBM 1-22 | | | | 5.49 | -5.49 | 1194.718 | □ CUT ON CURB, N. SIDE OF ELLIOT RD, 200' W. OF PENNINGTON DR. NORTH |
| | | | | 4.06 | | | |
| | 6.065 | | | | | | |
| | 4.67 | +4.67 | 99.388 | | | | |
| | 3.27 | | | | | | |
| | | | | 5.965 | | | |
| TBM 1-23 | | | | 4.65 | -4.65 | 1194.738 | □ CUT ON TOP OF CURB, N. SIDE OF ELLIOT RD, 250' E. OF DOBSON RD. |
| | | | | 3.34 | | | |
| | 5.825 | | | | | | |
| | 5.115 | +5.115 | 199.853 | | | | |
| | 4.405 | | | | | | |

8-25-87

802/28

MCFCD

| | | | | |
|---|---|---|---|---|
| BLK. 1 | | | 1199.853 ↑ | |
| SIDESHOT | -5.38 | | | (1194.473) |
| | | | | 6.59 |
| RO-20 | | | | 5.98 |
| | | | | 5.365 |
| | 6.57 | | | |
| | 5.09 | +5.09 | 98.963 ↑ | |
| | 3.61 | | | |
| | | | | 6.30 |
| TBM 1-24 | | | | 4.90 |
| | | | | 3.50 |
| | 6.18 | | | |
| | 4.78 | +4.78 | 1198.843 ↑ | |
| | 3.385 | | | |
| | | | | 6.53 |
| TBM 1-25 | | | | 5.145 |
| | | | | 3.755 |
| | 6.245 | | | |
| | 4.87 | +4.87 | 98.568 ↑ | |
| | 3.495 | | | |

8-25-87

TOP OF PAVEMENT, TARGET ELEV @ RO-20:

| | | |
|---|---|---|
| -5.98 | 1193.873 | BC IN HH @ INT. OF DOBSON & ELLIOT |
| -4.90 | 1194.063 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD, 550' W. OF DOBSON |
| -5.145 | 1193.698 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT RD. 300' W. OF SALIDA DEL SOL |

MCFCD
BLK. 1

1198.568

| | | | | |
|---|---|---|---|---|
| | | | | 6.93 |
| TBM 1-26 | | | | 5.495 |
| | | | | 4.06 |
| | 6.23 | | | |
| | 4.875 | +4.875 | 97.948 | |
| | 3.525 | | | |
| | | | | 6.725 |
| TBM 1-27 | | | | 5.35 |
| | | | | 3.975 |
| | 5.95 | | | |
| | 4.67 | +4.67 | 97.268 | |
| | 3.39 | | | |
| | | | | 6.615 |
| TBM 1-28 | | | | 5.515 |
| | | | | 4.41 |
| | 6.465 | | | |
| | 5.07 | +5.07 | 96.823 | |
| | 3.67 | | | |
| | | | | 6.805 |
| TBM 1-29 | | | | 5.43 |
| | | | | 4.06 |
| | 5.97 | | | |
| | 4.575 | +4.575 | 95.968 | |
| | 3.18 | | | |

RUGLAND
B. McMURRAY
THOMPSON

602/32

8-26-87
90 - 105° CLR

| | | |
|---|---|---|
| -5.495 | 1193.073 | □ CUT, TOP OF CURB, N SIDE OF ELLIOT, 150' W. OF CARRIAGE LN. |
| -5.35 | 1192.598 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT, 700' W. OF CARRIAGE LN. |
| -5.515 | 1191.753 | BC, 4" BELOW TOP OF PAVEMENT 8' S. OF ℄ ELLIOT RD, 50' E. OF ELLIS ST. (1/4 COR) |
| -5.43 | 1191.393 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD. 500 W. OF ELLIS ST. |

MCFCD

| | | | | |
|---|---|---|---|---|
| BLK. 1 | | | 1195.968 | |
| | | | | 6.415 |
| TBM 1-30 | | | | 5.105 |
| | | | | 3.795 |
| | 5.75 | | | |
| | 4.405 | + 4.405 | 95.268 | |
| | 3.065 | | | |
| | | | | 6.29 |
| TBM 1-31 | | | | 4.93 |
| | | | | 3.57 |
| | 6.10 | | | |
| | 4.76 | + 4.76 | 95.098 | |
| | 3.425 | | | |
| | | | | 6.805 |
| TBM 1-32 | | | | 5.365 |
| | | | | 3.925 |
| | 5.665 | | | |
| | 4.635 | + 4.635 | 94.368 | |
| | 3.61 | | | |
| | | | | 6.26 |
| TBM 1-33 | | | | 5.285 |
| | | | | 4.31 |
| | 7.17 | | | |
| | 5.975 | + 5.975 | 95.058 | |
| | 4.78 | | | |

8-26-87

| | | | |
|---|---|---|---|
| - 5.105 | 1190.863 | □ | CUT, TOP OF CURB, N. SIDE ELLIOT RD, 375' W. OF 91ST ST. |
| - 4.93 | 1190.338 | □ | CUT, TOP OF CURB, N. SIDE ELLIOT RD., 180' W. OF CORONADO ST. |
| - 5.365 | 1189.733 | □ | CUT, TOP OF CURB, N. SIDE ELLIOT RD, 450' E. OF PRICE RD. |
| - 5.285 | 1189.083 | | BC IN H.H @ INT. OF ELLIOT & PRICE |

8-26-87

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1195.058 | | |
| SIDESHOT | | − 4.91 | | 1190.148 | TOP OF PAVEMENT, TARGET ELEV @ HC-18 |
| | | | | 6.18 | |
| HC-18 | | | | 4.90 | − 4.90 1190.158 CPS, E PRICE RD, 490' N. OF ELLIOT RD. |
| | | | | 3.62 | |
| | 5.915 | | | | |
| | 4.585 | + 4.585 | 94.743 | | |
| | 3.26 | | | | |
| | | | | 5.615 | |
| | | | | 4.27 | − 4.27 1190.473 □ CUT, TOP OF CURB, 1050' N. OF ELLIOT, E. SIDE OF PRICE RD. |
| TBM 1-34 | | | | 2.925 | |
| | 5.955 | | | | |
| | 4.665 | + 4.665 | 95.138 | | |
| | 3.375 | | | | |
| | | | | 4.885 | |
| | | | | 3.585 | − 3.585 1191.553 □ CUT, TOP OF CURB, E. SIDE OF PRICE RD., 200' N. OF MOTOROLA PLANT ENTRANCE |
| TBM 1-35 | | | | 2.28 | |
| | 6.46 | | | | |
| | 5.245 | + 5.245 | 96.798 | | |
| | 4.03 | | | | |
| | | | | 5.785 | |
| | | | | 4.45 | − 4.45 1192.348 □ CUT, TOP OF CURB, E. SIDE OF PRICE RD. 250' N. OF CURRY ST. |
| TBM 1-36 | | | | 3.12 | |
| | 7.02 | | | | |
| | 5.64 | + 5.64 | 97.988 | | |
| | 4.255 | | | | |

8-26-87

MCFCD
BLK. 1

1197.988

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | 5.395 | | |
| TBM 1-37 | | | | 4.065 | -4.065 | 1193.923 | □CUT, TOP OF CURB, E. SIDE PRICE RD, 150' S. OF WESTERN CANAL |
| | | | | 2.74 | | |
| | 4.92 | | | | | |
| | 4.41 | +4.41 | 98.333 | | | |
| | 3.90 | | | | | |
| | | | | 5.38 | | |
| BM #17 | | | | 4.82 | -4.82 | 1193.513 | BC IN BASE OF ELEC. TOWER #133 @ PRICE, S. SIDE OF WESTERN CANAL |
| | | | | 4.765 | | |
| | 5.89 | | | | | | 〈1193.513〉 |
| | 5.215 | +5.215 | 98.728 | | | |
| | 4.545 | | | | | |
| SIDESHOT | | -4.72 | | 94.008 | | | TOP OF CONC, TARGET ELEV @ RO-15 |
| | | | | 5.455 | | |
| RO-15 | | | | 4.705 | -4.705 | 1194.023 | CPS IN CONC., ℄ BRIDGE @ PRICE & WESTERN CANAL |
| | | | | 3.96 | | |
| | 5.45 | | | | | |
| | 4.115 | +4.115 | 98.138 | | | |
| | 2.785 | | | | | |

8-26-87

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 1 | | 1198.138 ↑ | | | |
| | | | 7.02 | | |
| | | | 5.69 | -5.69 | 1192.448 □ CUT ON TOP OF CURB, E. SIDE OF PRICE RD, 550' N. OF WESTERN CANAL |
| TBM 1-38 | | | 4.355 | | |
| | 6.525 | | | | |
| | 5.195 | +5.195 | 97.643 ↑ | | |
| | 3.87 | | | | |
| | | | 5.88 | | |
| | | | 4.59 | -4.59 | 1193.053 □ CUT, ON TOP OF CURB, E. SIDE OF PRICE RD, 200' N. OF TEMPE WATER TREATMENT PLANT ENTRANCE. |
| TBM 1-39 | | | 3.305 | | |
| | 6.34 | | | | |
| | 5.025 | +5.025 | 98.078 ↑ | | |
| | 3.715 | | | | |
| | | | 5.42 | | |
| | | | 4.13 | -4.13 | 1193.948 □ CUT, TOP OF CURB, E. SIDE PRICE RD, 1100' S. OF GUADELUPE RD. |
| TBM 1-40 | | | 2.84 | | |
| | 6.45 | | | | |
| | 4.88 | +4.88 | 98.828 ↑ | | |
| | 3.31 | | | | |
| SIDESHOT | | -3.64 | | 1195.188 | TOP OF PAVEMENT, TARGET ELEV @ HC-9 |
| | | | 5.19 | | |
| | | | 3.645 | -3.645 | 1195.183 CPS, ℄ PRICE RD, 450' S. OF GUADELUPE RD. |
| HC-9 | | | 2.105 | | |

MCFCD
BLK. 1

8-26-87

827/42

| | | | | | | |
|---|---|---|---|---|---|---|
| | 6.635 | | | | | |
| | 5.405 | +5.405 | 1200.588 | | | |
| | 4.17 | | | | | |
| | | | | 4.98 | | |
| TBM 1-41 | | | | 3.92 | -3.92 | 1196.668 |
| | | | | 2.855 | | |
| | 4.155 | | | | | |
| | 2.86 | +2.86 | 99.528 | | | |
| | 1.56 | | | | | |
| | | | | 8.885 | | |
| TBM 1-42 | | | | 7.355 | -7.355 | 1192.173 |
| | | | | 5.82 | | |
| | 6.79 | | | | | |
| | 5.445 | +5.445 | 97.618 | | | |
| | 4.105 | | | | | |
| | | | | 6.16 | | |
| TBM 1-43 | | | | 4.85 | -4.85 | 1192.768 |
| | | | | 3.535 | | |
| | 6.98 | | | | | |
| | 5.155 | +5.155 | 97.923 | | | |
| | 3.83 | | | | | |

BC IN HH, & GUADELUPE RD, E. SIDE OF WESTERN CANAL, 150' E. OF PRICE RD. (SEC. COR.)

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, @ SE COR. CARRIAGE LN.

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 600' E. OF CARRIAGE LN.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1197 923 | | 8-26-87 | | |
| | | | | 5.595 | | | |
| TBM 1-44 | | | | 4.24 | - 4.24 | 1193.683 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 100' E. OF COTTONWOOD ST. |
| | | | | 2.89 | | | |
| | 5.815 | | | | | | |
| | 4.45 | + 4.45 | 98.133 | | | | |
| | 3.09 | | | | | | |
| | | | | 5.295 | | | |
| TBM 1-45 | | | | 3.96 | - 3.96 | 1194.173 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 650' E. OF COTTONWOOD ST. |
| | | | | 2.62 | | | |
| | 6.61 | | | | | | |
| | 4.935 | + 4.935 | 99.108 | | | | |
| | 3.26 | | | | | | |
| | | | | 6.405 | | | |
| TBM 1-46 | | | | 5.025 | - 5.025 | 1194.083 | BC IN HH @ INT. OF GUADELUPE & EL DORADO DR. (SOUTH) (1/4 COR) |
| | | | | 3.65 | | | |
| | 7.58 | | | | | | |
| | 6.26 | + 6.26 | 1200.343 | | | | |
| | 4.94 | | | | | | |
| | | | | 5.96 | | | |
| TBM 1-47 | | | | 4.66 | - 4.66 | 1195.683 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 550' E. OF EL DORADO DR. SOUTH |
| | | | | 3.36 | | | |
| | 6.59 | | | | | | |
| | 5.29 | + 5.29 | 1200.973 | | | | |
| | 3.995 | | | | | | |

8-26-87

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1200.973 | | | | |
| | | | | 5.99 | | | |
| TBM 1-48 | | | | 4.685 | 4.685 | 1196.288 | □ CUT ON TOP OF CURB, S. SIDE OF GUADELUPE, 150 'W. OF LOS ALTOS ST. |
| | | | | 3.385 | | | |
| | 6.74 | | | | | | |
| | 5.43 | +5.43 | 01.718 | | | | |
| | 4.125 | | | | | | |
| | | | | 6.02 | | | |
| TBM 1-49 | | | | 4.73 | 4.73 | 1196.988 | □ CUT, TOP OF CURB, S. SIDE OF GUADELUPE RD, 400 'E. OF LOS ALTOS ST. |
| | | | | 3.435 | | | |
| | 5.925 | | | | | | |
| | 4.695 | +4.695 | 01.683 | | | | |
| | 3.47 | | | | | | |
| | | | | 6.465 | | | |
| TBM 1-50 | | | | 5.23 | 5.23 | 1196.453 | □ CUT, TOP OF CURB, S. SIDE OF GUADELUPE RD, 450 'W. OF DOBSON RD. |
| | | | | 4.00 | | | |
| | 6.19 | | | | | | |
| | 5.00 | +5.00 | 01.453 | | | | |
| | 3.81 | | | | | | |
| | | | | 7.40 | | | |
| TBM 1-51 | | | | 6.22 | 6.22 | 1195.233 | BC IN HH @ INT. OF GUADELUPE & DOBSON (SEC. COR.) |
| | | | | 5.04 | | | |
| | 7.755 | | | | | | |
| | 6.41 | +6.41 | 01.643 | | | | |
| | 5.07 | | | | | | |

802/48

MCFCD BLK. 1

1201,643

| | | | | |
|---|---|---|---|---|
| | | | | 6.16 |
| | | | | 4.825 |
| TBM 1-52 | | | | 3.49 |
| | 6.475 | | | |
| | 5.20 | +5.20 | 02.018 | |
| | 3.93 | | | |
| | | | | 6.075 |
| | | | | 4.74 |
| TBM 1-53 | | | | 3.41 |
| | 6.83 | | | |
| | 5.505 | +5.545 | 02.783 | |
| | 4.18 | | | |
| | | | | ~~6~~ 5.995 |
| | | | | 4.735 |
| TBM 1-54 | | | | 3.475 |
| | 6.55 | | | |
| | 5.26 | +5.26 | 03.308 | |
| | 3.97 | | | |
| | | | | 5.965 |
| | | | | 4.68 |
| TBM 1-55 | | | | 3.395 |
| | 6.705 | | | |
| | 5.24 | +5.24 | 03.868 | |
| | 3.78 | | | |

8-26-87

| | | |
|---|---|---|
| -4.825 | 1196.818 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 30' E OF LOEHMAN'S PLAZA ENTRANCE |
| -4.74 | 1197.278 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 100' W. OF PENNINGTON DR. SOUTH |
| -4.735 | 1198.048 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 150' W. OF PENNINGTON DR. NORTH |
| -4.68 | 1198.628 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE, 550' W. OF LONGMORE |

MCFCD

| | | | | |
|---|---|---|---|---|
| BLK. 1 | | | 1203.868 | |
| | | | | 7.155 |
| TBM 1-56 | | | | 5.65 |
| | | | | 4.15 |
| | 7.87 | | | |
| | 6.545 | +6.545 | 04.763 | |
| | 5.215 | | | |
| | | | | 6.03 |
| TBM 1-57 | | | | 4.795 |
| | | | | 3.565 |
| | 6.615 | | | |
| | 5.32 | +5.32 | 05.188 | |
| | 4.025 | | | |
| | | | | 6.125 |
| TBM 1-58 | | | | 4.84 |
| | | | | 3.55 |
| | 6.69 | | | |
| | 5.37 | +5.37 | 05.818 | |
| | 4.05 | | | |
| | | | | 5.95 |
| TBM 1-59 | | | | 4.62 |
| | | | | 3.295 |
| | 6.605 | | | |
| | 5.275 | +5.275 | 06.473 | |
| | 3.945 | | | |

8-26-87

802/50

| | | |
|---|---|---|
| -5.65 | 1198.218 | BC IN MH @ INT. OF GUADELUPE & LONGMORE |
| -4.795 | 1199.968 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD., 550' E. OF LONGMORE |
| -4.84 | 1200.448 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 50' W. OF RODGERS ST. |
| -4.62 | 1201.198 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD., 50' E. OF STANDAGE ST. |

802/52

8-26-87

MCFCD BLK. 1

1206.473

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | 6.04 | | |
| | | | | 4.805 | -4.805 | 1201.668 |
| TBM 1-60 | | | | 3.57 | | |
| | 6.895 | | | | | |
| | 5.375 | +5.325 | 07.043 | | | |
| | 3.86 | | | | | |
| | | | | 6.57 | | |
| | | | | 5.05 | -5.05 | 1201.993 |
| TBM 1-61 | | | | 3.53 | | |
| | 6.31 | | | | | |
| | 4.885 | +4.885 | 06.878 | | | |
| | 3.46 | | | | | |
| | | | | 6.69 | | |
| | | | | 5.38 | -5.38 | 1201.498 |
| TBM 1-62 | | | | 4.07 | | |
| | 6.06 | | | | | |
| | 4.81 | +4.81 | 06.308 | | | |
| | 3.56 | | | | | |
| | | | | 5.67 | | |
| | | | | 4.405 | -4.405 | 1201.903 |
| TBM 1-63 | | | | 3.14 | | |
| | 6.855 | | | | | |
| | 5.54 | +5.54 | 07.443 | | | |
| | 4.23 | | | | | |

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 1'W. OF ALMA SCHOOL RD

BC IN HH @ INT. OF GUADELUPE & ALMA SCHOOL RD.

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD. 550'E. OF ALMA SCHOOL RD

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD., 40'E. OF EMERSON ST.

802/54

8-26-87

MCFCD BLK. 1

1207.443

| | | | | | |
|---|---|---|---|---|---|
| | | | | 5.98 | |
| | | | | 4.685 | |
| TBM 1-64 | | | | 3.395 | |
| | 6.765 | | | | |
| | 5.485 | +5.485 | 08.243 | | |
| | 4.21 | | | | |
| | | | | 5.965 | |
| | | | | 4.685 | |
| TBM 1-65 | | | | 3.405 | |
| | 5.945 | | | | |
| | 5.40 | +5.40 | 08.958 | | |
| | 4.855 | | | | |
| | | | | 6.92 | |
| | | | | 6.315 | |
| TBM 1-66 | | | | 5.71 | |
| | 7.355 | | | | |
| | 5.995 | +5.995 | 08.638 | | |
| | 4.63 | | | | |
| | | | | 5.845 | |
| | | | | 4.98 | |
| TBM 1-67 | | | | 3.11 | |
| | 6.75 | | | | |
| | 5.435 | +5.435 | 09.593 | | |
| | 4.125 | | | | |

| | | |
|---|---|---|
| -4.685 | 1202.758 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 600' E. OF EMERSON ST. |
| -4.685 | 1203.558 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE R.D, 250' W. OF EXTENSION |
| -6.315 | 1202.643 | BC IN HH @ INT. OF GUADELUPE & EXTENSION (1/4 COR.) |
| -4.48 | 1204.158 | □ CUT, TOP OF CURB, S. SIDE OF GUADELUPE RD, 550' E. OF EXTENSION |

8-27-87
90-105° CLR.

RUGLAND
B. McMURRAY
THOMPSON

802/56

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1209.593 | | | |
| | | | | 5.805 | | |
| | | | | 4.49 | −4.49 | 1205.103 | □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 1100' E. OF EXTENSION 15' E. OF DRIVEWAY |
| TBM 1-68 | | | | 3.175 | | |
| | 6.625 | | | | | |
| | 5.32 | +5.32 | 10.423 | | | |
| | 4.015 | | | | | |
| | | | | 5.775 | | |
| | | | | 4.505 | −4.505 | 1205.918 | □ CUT, TOP OF CURB, S. SIDE OF GUADELUPE RD, 1650' E. OF EXTENSION, 10' W. OF DRIVEWAY |
| TBM 1-69 | | | | 3.235 | | |
| | 6.605 | | | | | |
| | 5.33 | +5.33 | 11.248 | | | |
| | 4.055 | | | | | |
| | | | | 5.895 | | |
| | | | | 4.615 | −4.615 | 1206.633 | □ CUT, TOP OF CURB, S. SIDE OF GUADELUPE RD, 900' W. OF AZ AVE. |
| TBM 1-70 | | | | 3.335 | | |
| | 6.33 | | | | | |
| | 5.05 | +5.05 | 11.683 | | | |
| | 3.775 | | | | | |
| | | | | 6.37 | | |
| | | | | 5.06 | −5.06 | 1206.623 | HUB, S. SIDE OF GUAD. RD, 350' W. OF AZ. AVE. |
| TP-1 | | | | 3.755 | | |
| | 6.645 | | | | | |
| | 5.665 | +5.665 | 12.288 | | | |
| | 4.69 | | | | | |

8-27-87

MCFCD BLK. 1

1212.288

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | 4.625 | | |
| TBM 1-71 | | | | 3.835 | −3.835 | 1208.453 |
| | | | | 3.04 | | |
| | 6.725 | | | | | |
| | 5.375 | +5.375 | 13,828 | | | |
| | 4.03 | | | | | |
| | | | | 6.135 | | |
| TBM 1-72 | | | | 5.095 | −5.095 | 1208.733 |
| | | | | 4.055 | | |
| | 6.605 | | | | | |
| | 5.185 | +5.185 | 13.918 | | | |
| | 3.765 | | | | | |
| | | | | 5.925 | | |
| TBM 1-73 | | | | 4.595 | −4.595 | 1209.323 |
| | | | | 3.27 | | |
| | 6.55 | | | | | |
| | 5.25 | +5.25 | 14.573 | | | |
| | 3.955 | | | | | |
| | | | | 6.125 | | |
| TBM 1-74 | | | | 4.87 | −4.87 | 1209.703 |
| | | | | 3.61 | | |
| | 5.84 | | | | | |
| | 4.515 | +4.515 | 14.218 | | | |
| | 3.19 | | | | | |

BC IN HH @ INT. OF GUADELUPE & AZ. AVE. (SEC. COR) IS AN OLD AERIAL TARGET

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD, 500' E. OF AZ. AVE.

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD. 1100' E. OF AZ AVE, 20' E. OF STREET INTERSECTION

□ CUT TOP OF CURB, S. SIDE GUADELUPE RD, 1650' E. OF AZ. AVE.

8-27-87

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1214.218 ↑ | | | |
| | | | | 5.46 | | |
| TBM 1-75 | | | | 4.13 | | |
| | | | | 2.805 | | |
| | 5.155 | | | | | |
| | 4.53 | +4.53 | 14.618 ↑ | | | |
| | 3.91 | | | | | |
| SIDESHOT | | -4.75 | | | 1209.868 | TOP OF PAVEMENT, TARGET ELEV. @ RO-9 |
| | | | | 5.74 | | |
| RO-9 | | | | 5.11 | -5.11 | 1209.508 BC IN HH, & GUADELUPE RD, ½ MILE E. OF AZ. AVE. (¼ COR) |
| | 8.595 | | | 4.48 | | |
| | 7.62 | +7.62 | 17.128 ↑ | | | |
| | 6.65 | | | | | |
| | | | | 4.615 | | |
| TBM 1-76 | | | | 3.63 | -3.63 | 1213.498 □ CUT, TOP OF CURB, S. SIDE GUADELUPE RD., E. SIDE RR TRACK |
| | | | | 2.645 | | |
| | 4.05 | | | | | |
| | 3.16 | +3.16 | 16.658 ↑ | | | |
| | 2.275 | | | | | |
| | | | | 5.645 | | |
| TBM 1-77 | | | | 4.84 | -4.84 | 1211.818 CPS IN PP, W. FACE, E. SIDE RR TRACK, 450' S. OF GUADELUPE RD. |
| | | | | 4.63 | | |
| | 5.53 | | | | | |
| | 3.80 | +3.80 | 15.618 ↑ | | | |
| | 2.065 | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1215.618 | | | |
| | | | | 6.77 | | |
| | | | | 5.07 | -5.07 | 1210.548 |
| TBM 1-78 | | | | 3.37 | | |
| | 7.295 | | | | | |
| | 5.90 | +5.90 | 16.448 | | | |
| | 4.50 | | | | | |
| | | | | 6.855 | | |
| | | | | 5.52 | -5.52 | 1210.928 |
| TBM 1-79 | | | | 4.18 | | |
| | 6.65 | | | | | |
| | 5.235 | +5.235 | 16.163 | | | |
| | 3.825 | | | | | |
| | | | | 5.915 | | |
| | | | | 4.73 | -4.73 | 1211.433 |
| TBM 1-80 | | | | 3.54 | | |
| | 6.84 | | | | | |
| | 5.26 | +5.26 | 16.693 | | | |
| | 3.68 | | | | | |
| SIDE SHOT | | -5.87 | 1210.823 | | | |
| | | | | 7.15 | | |
| HC-11 | | | | 5.885 | -1210.808 | |
| | | | | 4.62 | | |

8-27-87

□ CUT IN CONC. BASE, ELEC. TOWER (No NUMBER), E. SIDE RR. 1100' S. OF GUADELUPE RD.

R-BAR, ALONG C.L. FENCE E. OF RR. TRACK, 1650' S. OF GUADELUPE RD.

R-BAR, 1½' N. OF SW. COR. C.L. FENCE E. OF RR. TRACK, 506' N. OF WESTERN CANAL

TARGET ELEV. @ HC-11

R-BAR, E. SIDE OF RR, S. SIDE OF WESTERN CANAL
± CTR. SEC. 10
E. SIDE OF ELEC. TOWER

MCFCD

BLK. 1

| | | | | |
|---|---|---|---|---|
| | 6.38 | | | |
| | 5.135 | +5.135 | 1215.943 | |
| | 3.89 | | | |
| | | | | 6.39 |
| TBM 1-81 | | | | 4.91 |
| | 6.535 | | | 3.425 |
| | 5.205 | +5.205 | 16.238 | |
| | 3.875 | | | |
| | | | | 6.065 |
| TBM 1-82 | | | | 4.745 |
| | | | | 3.425 |
| | 6.985 | | | |
| | 5.705 | +5.705 | 17.198 | |
| | 4.425 | | | |
| | | | | 6.115 |
| TBM 1-83 | | | | 4.80 |
| | | | | 3.49 |
| | 6.83 | | | |
| | 5.465 | +5.465 | 17.863 | |
| | 4.105 | | | |
| | | | | 6.51 |
| TBM 1-84 | | | | 5.20 |
| | | | | 3.885 |
| | 7.11 | | | |
| | 5.865 | +5.865 | 18.528 | |
| | 4.62 | | | |

8-27-87

802/64

| | | |
|---|---|---|
| | | R-BAR, W. TOE OF RR TRACK 600' S. OF WESTERN CANAL |
| -4.91 | 1211.033 | |
| -4.745 | 1211.493 | R-BAR @ W. TOE OF RR TRACK 1150' S. OF WESTERN CANAL |
| -4.80 | 1212.398 | R-BAR @ W. TOE OF RR TRACK 1700' S. OF WESTERN CANAL |
| -5.20 | 1212.663 | R-BAR @ W. TOE OF RR TRACK, 450' N. OF ELLIOT RD. |

MCFCD

BLK. 1 — 1218.528

| | | | | |
|---|---|---|---|---|
| SIDESHOT | | −1.98 | | 1216.548 |
| | | | | 3.61 |
| RO-21 | | | | 2.35 |
| | | | | 1.09 |
| | 4.91 | | | |
| | 3.56 | +3.56 | 19.738 | |
| | 2.21 | | | |
| | | | | 8.645 |
| TBM 1-85 | | | | 7.265 |
| | | | | 5.89 |
| | 5.735 | | | |
| | 4.37 | +4.37 | 16.843 | |
| | 3.01 | | | |
| | | | | 6.54 |
| TBM 1-86 | | | | 5.16 |
| | | | | 3.78 |
| | 5.61 | | | |
| | 4.25 | +4.25 | 15.933 | |
| | 2.885 | | | |
| | | | | 6.44 |
| TBM 1-87 | | | | 5.10 |
| | | | | 3.76 |
| | 5.795 | | | |
| | 4.475 | +4.475 | 15.308 | |
| | 3.15 | | | |

802/66

8-27-87

TOP OF PAVEMENT, TARGET ELEV. @ RO-21

| | | |
|---|---|---|
| −2.35 | 1216.178 | BC IN HH, @ N. EDGE ELLIOT RD, W. SIDE OF RR. TRACK (1/4 COR.) |
| −7.265 | 1212.473 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT, 550' W. OF RR TRACK |
| −5.16 | 1211.683 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD. 150' W. OF COLORADO ST |
| −5.10 | 1210.833 | □ CUT, TOP OF CURB, N. SIDE ELLIOT RD. 300' E. OF WASHINGTON ST. |

802/68

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 1 | | 1215.308 | | | |
| | | | 6.60 | | |
| TBM 1-88 | | | 5.26 | | |
| | | | 3.92 | | |
| | 5.61 | | | | |
| | 4.32 | + 4.32 | 14.368 | | |
| | 3.025 | | | | |
| | | | 6.885 | | |
| TBM 1-89 | | | 5.70 | | |
| | | | 4.615 | | |
| | 5.17 | | | | |
| | 4.325 | + 4.325 | 12.993 | | |
| | 3.48 | | | | |
| | | | 6.705 | | |
| TBM 1-5 | | | 5.85 | | |
| | | | 4.99 | | |

8-27-87

| | | |
|---|---|---|
| -5.26 | 1210.048 | □ CUT ON TOP OF CURB, N. SIDE ELLIOT RD, 460' E. OF AZ. AVE. |
| -5.70 | 1208.668 | BC IN HH @ INT. OF ELLIOT & AZ AVE. ★ 2 BC's @ THIS COR, WE USED BC TO THE SOUTH |
| -5.85 | 1207.143 | □ CUT, TOP OF CURB, N. SIDE OF ELLIOT, 250' W. OF AZ AVE. ⟨1207.153⟩ SEE PG. 20 |

MCFCD

| BLK. | TIE | BC's TO TBM's | | |
|---|---|---|---|---|
| TBM 1-9 | | | | ⟨1203.323⟩ |
| | 5.60 | | | |
| | 4.64 | +4.64 | 07.963 | |
| | 3.68 | | | |
| | | | | 5.51 |
| TBM 1-9A | | | | 4.985 |
| | | | | 4.46 |
| | 5.505 | | | |
| | 4.98 | +4.98 | 07.958 | |
| | 4.45 | | | |
| | | | | 5.59 |
| TBM 1-9 | | | | 4.63 |
| | | | | 3.675 |

802

70

8-27-87

□ CUT, TOP OF CURB, N. SIDE OF ELLIOT 500' W. OF SUMMIT PL. DRIVE.
SEE PG. 22

| | | |
|---|---|---|
| -4.985 | 1202.978 | CITY OF CHANDLER BC IN HH ℄ ELLIOT RD, 150' E. OF HARTFORD ST. ½ MILE W. OF AZ AVE. |
| -4.63 | 1203.328 | □ CUT ON TOP OF CURB ⟨1203.323⟩ |

802/72

MCFCD
BLK. 1 TIE BC'S TO TBM'S

8-27-87

TBM 1-14 <1199.728>

□ CUT, TOP OF CURB, NW COR. OF ELLIOT & ALMA SCHOOL RD. SEE PG. 24

5.805
5.29 +5.29 05.018
4.78

5.51
5.17
4.835

TBM 1-14A

CITY OF CHANDLER
BC IN HH @ INT. OF ELLIOT & ALMA SCHOOL RD.

5.60
5.265 +5.265 05.113
4.93

5.895
5.385
4.875

TBM 1-14

-5.17 1199.848

-5.385 1199.728 □ CUT, TOP OF CURB <1199.728>

MCFCD

BLK. 1

TIE BC's TO TBM's

8-27-87

802/74

TBM 1-19 <1197.773>

□ CUT, TOP OF CURB, N. SIDE ELLIOT RD. 460' W. OF CENTRAL DR. SEE PG. 26

6.025
5.405 +5.405 03.178
4.785

6.12
5.72 — 5.72 1197.458 CITY OF CHANDLER BC IN HH, & ELLIOT RD. 1/2 MILE E. OF DOBSON RD.

TBM 1-19A

5.32

6.27
5.87 +5.87 03.328
5.47

6.18
5.56 — 5.56 1197.768 □ CUT ON TOP OF CURB <1197.773>

TBM 1-19

4.935

MCFCD

802/76

8-27-87

3-WIRE LEVEL RUN, INTERIOR OF BLK. 1

✓ S.M. 9-7-87 O.K.

| | | | | | | |
|---|---|---|---|---|---|---|
| TBM 1-14A | | | | 1199.848 ✓ | | BC IN HH @ INT. OF ALMA SCHOOL RD. & ELLIOT RD. SEE PG. 72 |
| | 6.415 | | | | | |
| | 5.49 | +5.49 | 05.338 | | | |
| | 4.56 | | | | | |
| SIDESHOT | | -4.59 | | 1200.748 | | TOP OF PAVEMENT, TARGET ELEV. @ HC-19 |
| | | | | 5.555 | | |
| HC-19 | | | | 4.57 ✓ | -4.57 | 1200.768 CPS IN ℄ ALMA SCHOOL RD. 400' N. OF ELLIOT RD. |
| | | | | ~~4.585~~ 3.585 | | |
| | 5.56 | | | | | |
| | 4.125 | +4.125 | 04.893 | | | |
| | 2.685 | | | | | |
| | | | | 5.39 | | |
| TBM 1-90 | | | | 4.01 ✓ | -4.01 | 1200.883 ☐ CUT, TOP OF CURB, E. SIDE ALMA SCHOOL RD, 950' N. OF ELLIOT |
| | | | | 2.625 | | |
| | 5.94 | | | | | |
| | 4.64 | +4.64 | 05.523 | | | |
| | 3.345 | | | | | |
| | | | | 6.03 | | |
| TBM 1-91 | | | | 4.71 ✓ | -4.71 | 1200.813 ☐ CUT, TOP OF CURB, E. SIDE OF ALMA SCHOOL RD, 75' S. OF SUMMIT PL. EAST |
| | | | | 3.395 | | |

8-27-87

MCFCD BLK. 1

| | | | | | |
|---|---|---|---|---|---|
| | 6.71 | | | | |
| | 5.355 | +5.355 | 06.168 | | |
| | 4.00 | | | | |
| | | | | 6.07 | |
| | | | | 4.76 | |
| TBM 1-92 | | | | 3.45 | |
| | 6.595 | | | | |
| | 5.32 | +5.32 | 06.728 | | |
| | 4.04 | | | | |
| | | | | 5.795 | |
| | | | | 4.515 | |
| TBM 1-93 | | | | 3.24 | |
| | 6.375 | | | | |
| | 5.965 | +5.965 | 08.178 | | |
| | 5.56 | | | | |
| SIDESHOT | | -5.225 | 1202.953 | | TOP OF CONC. TARGET ELEV @ RO-16 |
| | | | | 5.985 | |
| RO-16 | | | | 5.64 | |
| | | | | 5.30 | |
| | 4.86 | | | | |
| | 3.845 | +3.845 | 06.383 | | |
| 7 | 2.825 | | | | |

| | | |
|---|---|---|
| -4.76 | 1201.408 ✓ | □ CUT ON TOP OF CURB, E. SIDE ALMA SCHOOL RD, 475' N. OF SUMMIT PL, DRIVE EAST |
| -4.515 | 1202.~~213~~ .208 ✓ | □ CUT ON TOP OF CURB, E. SIDE ALMA SCHOOL RD, S. OF WESTERN CANAL |
| -5.64 | 1202.538 ✓ | BC IN HH, E ALMA SCHOOL RD, S. EDGE OF WESTERN CANAL |

8-27-87

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1206.383 ^ | | |
| | | | | 6.44 | |
| | | | | 5.535 | ✓ |
| TBM 1-94 | | | | 4.625 | − 5.535 1200.848 □ CUT, TOP OF CURB, E. SIDE ALMA SCHOOL RD, 200' S. OF PAMPA ST. |
| | 5.89 | | | | |
| | 4.525 | +4.52 | 05.373 ^ | | |
| | 3.155 | | | | |
| | | | | 5 985 | ✓ |
| | | | | 4.645 | −4.645 1200.728 .72 □ CUT, TOP OF CURB, E. SIDE ALMA SCHOOL RD, 325' N. OF PAMPA ST. |
| TBM 1-95 | | | | 3.31 | |
| | 5.15 | | | | |
| | 4.86 | +4.86 | 05.588 ^ | | |
| | 4.27 | | | | |
| SIDESHOT | | -5.05 | 1200.538 | | TOP OF PAVEMENT, TARGET ELEV @ HC-10 |
| | | | | 6.75 | |
| | | | | 6.11 | −6.11 1199.478 ✓ .47 CITY OF MESA BC IN HH, @ INT. OF ALMA SCHOOL & PECOS RD |
| HC-10 | | | | 5.475 | |
| | | | BEGIN RUN BACK | | ★ THERE IS ANOTHER BC IN HH 2' N. OF HC-10 |
| | 6.65 | | | | |
| | 6.015 | +6.015 | 05.493 ^ | | |
| | 5.385 | | | | |

MCFCD
BLK. 1

1205.493

5.36
4.76
4.165

TBM 1-95

6.025
4.685 +4.685 05.418
3.35

5.93
4.56
3.19

TBM 1-94

6.82
5.845 +5.845 06.703
4.865

5.095
4.155
3.21

RD-16

6.64
6.285 +6.285 08.833
5.925

4.66
4.35
4.04

BM # 20
GREINER ENG.

8-27-87

802/82

| | | | |
|---|---|---|---|
| -4.76 | 1200.~~733~~ ✓ .723 | □ | CUT, TOP OF CURB |
| -4.56 | 1200.~~858~~ ✓ .85 | □ | CUT, TOP OF CURB |
| -4.155 | 1202.~~548~~ ✓ .54 | | BC IN HH @ ALMA SCHOOL & WESTERN CANAL |
| -4.35 | 1204.~~483~~ ✓ .473 | | BC IN CONC. BASE, ELEC. TOWER # 121 S. SIDE WESTERN CANAL, E. SIDE ALMA SCHOOL RD. <1204.484> |

MCFCD

3-WIRE LEVEL RUN, INTERIOR

BLK. 1

8-31-87

90-110° CLR

RUGLAND GRANT

802/84

| | | | | | | |
|---|---|---|---|---|---|---|
| RO-20 | | | | 1193.873 | | BC IN HH @ INT. OF ELLIOT & DOBSON RD. |
| | 7.34 | | | | | |
| | 5.51 | +5.51 | 99.383 | | | |
| | 3.675 | | | | | |
| | | | | 5.86 | | |
| TBM 1-96 | | | | 4.525 | -4.525 | 1194.858 | □ CUT, TOP OF CURB, E. SIDE OF DOBSON, 600' N. OF ELLIOT RD. |
| | | | | 3.195 | | |
| | 7.24 | | | | | |
| | 5.965 | +5.965 | 00.823 | | | |
| | 4.69 | | | | | |
| | | | | 6.245 | | |
| TBM 1-97 | | | | 4.66 | -4.66 | 1196.163 | □ CUT, TOP OF CURB, E. SIDE DOBSON RD., 1150' N. OF ELLIOT RD. |
| | | | | 3.07 | | |
| | 6.14 | | | | | |
| | 4.70 | +4.70 | 00.863 | | | |
| | 3.265 | | | | | |
| | | | | 6.315 | | |
| TBM 1-98 | | | | 4.91 | -4.91 | 1195.953 | □ CUT, TOP OF CURB, E. SIDE DOBSON RD., 225' N. OF SUMMIT PLACE |
| | | | | 3.505 | | |
| | 6.85 | | | | | |
| | 5.355 | +5.355 | 01.308 | | | |
| | 3.865 | | | | | |

8-31-87

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 1 | | | 1201.308 | | | |
| | | | | 6.22 | | |
| TBM 1-99 | | | | 4.71 | -4.71 | 1196.598 | □ CUT, TOP OF CURB, E. SIDE DOBSON RD, 200' S. OF WESTERN CANAL |
| | 5.765 | | | 3.195 | | |
| | 5.24 | +5.24 | 01.838 | | | |
| | 4.72 | | | | | |
| | | | | 4.98 | | |
| BM # 18 | | | | 4.275 | -4.275 | 1197.563 | GREINER ENG. BC. ON CONC. BASE OF ELEC. TOWER # 127 S. OF WESTERN CANAL, W. SIDE DOBSON RD. <1197.577> |
| | | | | 3.57 | | |
| | 3.54 | | | | | |
| | 2.235 | +2.235 | 99.798 | | | |
| | 0.935 | | | | | |
| | | | | 5.635 | | |
| TBM 1-100 | | | | 4.345 | -4.345 | 1195.453 | R-BAR, 1' N. OF WOOD FENCE S. SIDE OF WESTERN CANAL 600' W. OF DOBSON RD. |
| | | | | 3.05 | | |
| | 4.49 | | | | | |
| | 3.73 | +3.73 | 99.183 | | | |
| | 2.975 | | | | | |
| | | | | 3.005 | | |
| TBM 1-101 | | | | 2.11 | -2.11 | 1197.073 | □ CUT, SW. COR. CONC. BASE ELEC. TOWER # 128, S. SIDE CANAL, 1000' W. OF DOBSON RD. |
| | | | | 1.215 | | |
| | 2.955 | | | | | |
| | 1.755 | +1.755 | 98.828 | | | |
| | 0.55 | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK.1 | | | 1198.828 | | | | |
| | | | | 5.39 | | | |
| TBM 1-102 | | | | 4.205 | -4.205 | 1194.623 | R-BAR, 1' N. OF WOOD FENCE S. SIDE OF WESTERN CANAL, 1400' W. OF DOBSON RD. |
| | | | | 3.025 | | | |
| | 5.77 | | | | | | |
| | 4.925 | +4.925 | 99.548 | | | | |
| | 4.08 | | | | | | |
| | | | | 4.23 | | | |
| TBM 1-103 | | | | 3.235 | -3.235 | 1196.313 | □ CUT, SW COR. CONC. BASE ELEC. TOWER # 129, S. SIDE WESTERN CANAL, 1900' W. OF DOBSON RD, |
| | | | | 2.235 | | | |
| | 3.815 | | | | | | |
| | 2.635 | +2.635 | 98.948 | | | | |
| | 1.455 | | | | | | |
| | | | | 5.025 | | | |
| TBM 1-104 | | | | 3.95 | -3.95 | 1194.998 | R-BAR, 1' N. OF WOOD FENCE S. SIDE OF CANAL, 2300' W. OF DOBSON RD |
| | | | | 2.88 | | | |
| | 4.055 | | | | | | |
| | 3.43 | +3.43 | 98.428 | | | | |
| | 2.81 | | | | | | |
| | | | | 5.725 | | | |
| VC-5 | | | | 5.075 | -5.075 | 1193.353 | R-BAR, 145' NE OF ELEC. TOWER # 130, S. SIDE CANAL, 2500' W. OF DOBSON RD; FLUSH WITH TOP OF CANAL |
| | | | BEGIN RUN BACK | 4.43 | | | |
| | 6.995 | | | | | | |
| | 5.35 | +5.35 | 98.703 | | | | |
| | 3.705 | | | | | | |

8-31-87

802/88

MCFCD

8-31-87

802/90

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 1198.703 | | | |
| | | | | 4.23 | | |
| TBM 1-103 | | | | 2.385 | -2.385 | 1196.318 | □CUT, ELEC. TOWER #129 |
| | | | | 0.545 | | |
| | 4.005 | | | | | |
| | 3.205 | +3.205 | 99.523 | | | |
| | 2.405 | | | | | |
| | | | | 5.935 | | |
| TBM 1-102 | | | | 4.895 | -4.895 | 1194.628 | R-BAR |
| | | | | 3.86 | | |
| | 5.67 | | | | | |
| | 4.445 | +4.445 | 99.073 | | | |
| | 3.22 | | | | | |
| | | | | 3.16 | | |
| TBM 1-101 | | | | 1.995 | -1.995 | 1197.078 | □CUT, ELEC. TOWER #128 |
| | | | | 0.83 | | |
| | 2.675 | | | | | |
| | 1.805 | +1.805 | 98.883 | | | |
| | 0.94 | | | | | |
| | | | | 4.21 | | |
| TBM 1-100 | | | | 3.425 | -3.425 | 1195.458 | R-BAR |
| | | | | 2.64 | | |
| | 5.69 | | | | | |
| | 4.37 | +4.37 | 99.828 | | | |
| | 3.045 | | | | | |

MCFCD

| | | | | |
|---|---|---|---|---|
| BLK. 1 | | | 1199.828 ↑ | |
| | | | | 3.535 |
| BM # 18 | | | | 2.26 |
| | | | | 0.99 |
| | 4.32 | | | |
| | 2.915 | +2.915 | 00.483 ↑ | |
| | 1,515 | | | |
| | | | | 3.795 |
| TBM 1-105 | | | | 2.30 |
| | | | | 0.805 |
| | 7.62 | | | |
| | 6.17 | +6.17 | 04.353 ↑ | |
| | 4.725 | | | |
| | | | | 7.255 |
| TBM 1-106 | | | | 5.685 |
| | | | | 4.11 |
| | 6.43 | | | |
| | 4.59 | +4.59 | 03.258 ↑ | |
| | 2.755 | | | |
| | | | | 4.055 |
| TBM 1-107 | | | | 2.555 |
| | | | | 1.06 |
| | 3.19 | | | |
| | 2.885 | +2.885 | 03.588 ↑ | |
| | 2.57 | | | |

8-31-87

802/92

| | | | |
|---|---|---|---|
| -2.26 | 1197.568 | BC ON ELEC. TOWER #127 | |
| | | ⟨1197.577⟩ | |
| -2.30 | 1198.183 | R-BAR, S. EDGE CANAL RD, S. SIDE WESTERN CANAL, 500' E. OF DOBSON RD. | |
| -5.605 | 1198.668 | R-BAR, S. EDGE RD, S. SIDE WESTERN CANAL, 1050 E. OF DOBSON RD. | |
| -2.555 | 1200.703 | R-BAR, 1' S. OF NW. CONC. BASE OF ELEC. TOWER S. SIDE OF WESTERN CANAL 1600' E. OF DOBSON RD. | |

MCFCD
BLK. 1

1203.588

8-31-87

| | | | | | |
|---|---|---|---|---|---|
| | | | 6.25 | | |
| VC-6 | | | 6.06 | -6.06 | 1197.528 |
| | | | 5.87 | | |
| | 6.39 | | | | |
| | 6.20 | +6.20 | 03.728 | | |
| | 6.01 | | | | |
| | | | 3.33 | | |
| TBM 1-107 | | | 3.025 | -3.025 | 1200.703 |
| | | | 2.725 | | |
| | 5.565 | | | | |
| | 3.885 | +3.885 | 04.588 | | |
| | 2.21 | | | | |
| | | | 7.585 | | |
| TBM 1-106 | | | 5.925 | -5.925 | 1198.663 |
| | | | 4.265 | | |
| | 6.965 | | | | |
| | 5.405 | +5.405 | 04.068 | | |
| | 3.845 | | | | |
| | | | 7.365 | | |
| TBM 1-105 | | | 5.90 | -5.90 | 1198.168 |
| | | | 4.43 | | |
| | 3.90 | | | | |
| | 2.385 | +2.385 | 00.553 | | |
| | 0.87 | | | | |

R-BAR, 75' NE. OF ELEC. TOWER #125 S. SIDE WESTERN CANAL 1750' E. OF DOBSON RD, FLUSH WITH TOP OF GROUND

R-BAR

R-BAR

R-BAR

MCFCD
BLK. 1

1200.553

9.38

BM #18

3.00

1.625

8-31-87

802
96

| | | |
|---|---|---|
| -3.00 | 1197.553 | BC IN CONC. BASE, ELEC. TOWER #127 |
| | <1197.577> | |

MCFCD

3-WIRE LEVEL RUN, PERIMETER OF BLK. # 2

PEG LEVEL # 6

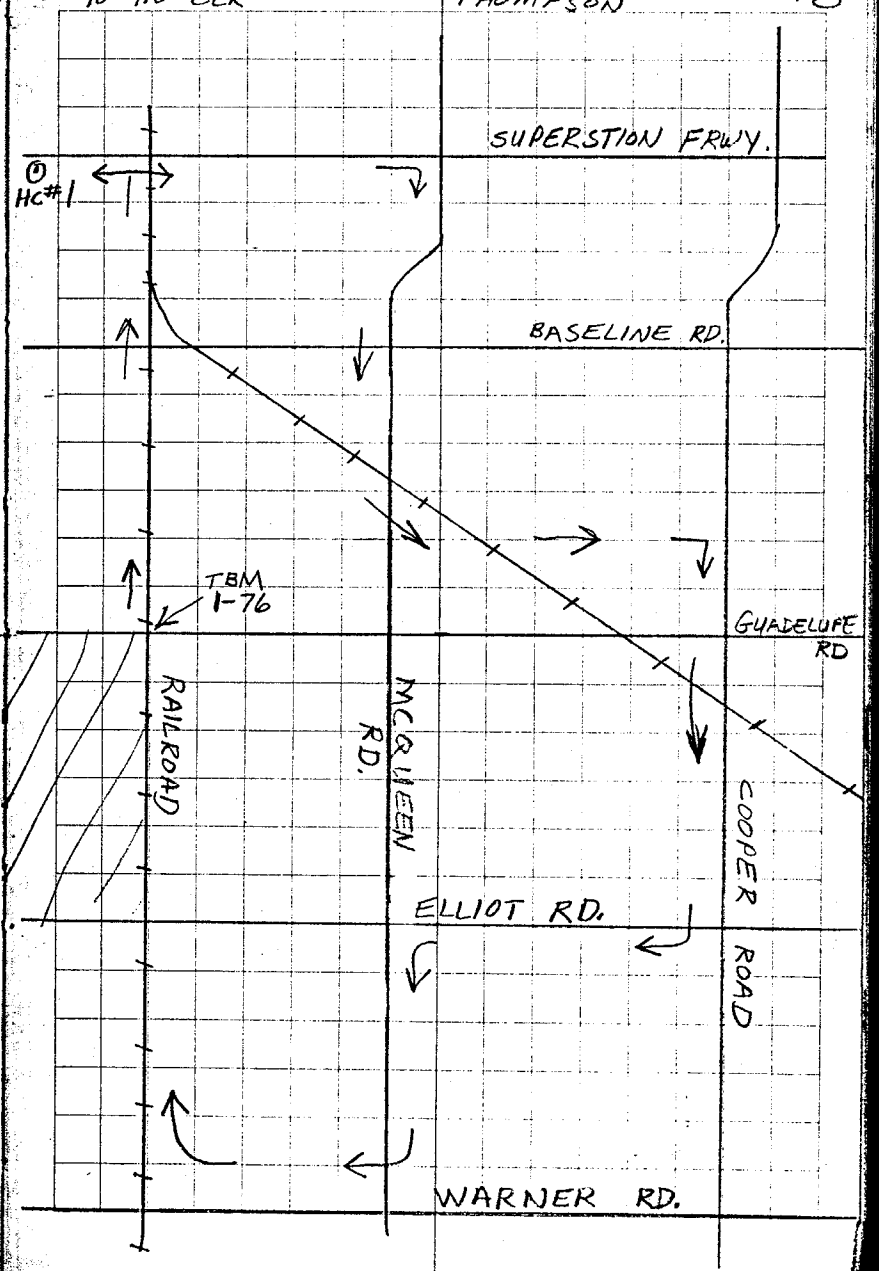
| | 0' | 300' |
|---|---|---|
| ⊼ @ 0 | 4.72 | 4.885 |
| ⊼ @ 150 | 4.88 | 4.715 |
| | 9.60 | 9.600 |

BLOCK # 1

9-1-87
90-110° CLR

RUGLAND
B. McMURRAY
THOMPSON

802/98



MCFCD

3-WIRE LEVEL RUN, PERIMETER BLK. 2

9-1-87

802/100

| | | | | | |
|---|---|---|---|---|---|
| TBM 1-76 | | | 1213.498 | | |
| | 3.12 | | | | |
| | 2.36 | +2.36 | 15.858 | | |
| | 1.60 | | | | |
| | | | | 9.33 | |
| | | | | 8.02 | |
| TBM 2-1 | | | | 6.71 | |
| | 6.86 | | | | |
| | 5.42 | +5.42 | 13.258 | | |
| | 3.98 | | | | |
| | | | | 7.31 | |
| | | | | 5.90 | |
| TBM 2-2 | | | | 4.49 | |
| | 7.01 | | | | |
| | 5.74 | +5.74 | 13.098 | | |
| | 4.47 | | | | |
| | | | | 7.405 | |
| | | | | 6.12 | |
| TBM 2-3 | | | | 4.83 | |
| | 10.425 | | | | |
| | 8.975 | +8.975 | 15.953 | | |
| | 7.525 | | | | |

□ CUT, TOP OF CURB, S. SIDE GUADELUPE RD., E. SIDE OF RR TRACK, 1/2 MILE E. OF AZ AVE SEE PG. 60

| | | |
|---|---|---|
| -8.02 | 1207.838 | R-BAR @ W. TOE OF RR TRACK, 300' N. OF AZ. AVE. |
| -5.90 | 1207.358 | R-BAR @ W. TOE OF RR, 900' N. OF AZ. AVE. |
| -6.12 | 1206.978 | R-BAR @ W. TOE OF RR, 1450' N. OF AZ. AVE. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1215.953 | | 9-1-87 | | |
| | | | | 10.01 | | | |
| TBM 2-4 | | | | 8.65 | 8.65 | 1207.303 | R-BAR @ W. TOE OF RR, 2000' N. OF AZ. AVE. 200' N. OF PAVED STREET |
| | | | | 7.29 | | | |
| | 7.15 | | | | | | |
| | 5.735 | + 5.735 | 13.038 | | | | |
| | 4.32 | | | | | | |
| | | | | 6.66 | | | |
| TBM 2-5 | | | | 5.23 | 5.23 | 1207.808 | R-BAR @ W. TOE OF RR. 2550' N. OF AZ. AVE. |
| | | | | 3.80 | | | |
| | 6.14 | | | | | | |
| | 5.75 | + 5.75 | 13.558 | | | | |
| | 5.36 | | | | | | |
| | | | | 6.01 | | | |
| HC-7 OK | | | | 5.595 | 5.595 | 1207.963 | R-BAR, 40' W. OF RR TRACK 2700' N. OF ~~AZ AVE.~~ Guadalupe Rd FLUSH WITH TOP OF GROUND |
| | | | | 5.18 | | | |
| | 5.965 | | | | | | |
| | 4.845 | + 4.845 | 12.808 | | | | |
| | 3.72 | | | | | | |
| | | | | 5.87 | | | |
| TBM 2-6 | | | | 4.59 | 4.59 | 1208.218 | R-BAR @ W. TOE OF RR, 3250' N. OF AZ AVE @ PT. OF RR CURVE |
| | | | | 3.31 | | | |
| | 6.11 | | | | | | |
| | 4.86 | + 4.86 | 1213.078 | | | | |
| | 3.61 | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1213.078 | | 9-1-87 | | |
| | | | | 6.24 | | | |
| TBM 2-7 | | | | 4.805 | 4.805 | 1208.273 | R-BAR @ W. TOE. OF RR, 100' N. OF SE. COR. OF C.L. FENCE |
| | | | | 3.37 | | | |
| | 8.81 | | | | | | |
| | 7.36 | + 7.36 | 15.633 | | | | |
| | 5.905 | | | | | | |
| | | | | 8.145 | | | |
| TBM 2-8 | | | | 6.85 | 6.85 | 1208.783 | R-BAR, BETWEEN RR & C.L. FENCE, 1150' S. OF BASELINE RD. |
| | | | | 5.56 | | | |
| | 9.37 | | | | | | |
| | 7.895 | + 7.895 | 16.678 | | | | |
| | 6.425 | | | | | | |
| | | | | 6.56 | | | |
| TBM 2-9 | | | | 5.15 | 5.15 | 1211.528 | R-BAR, BETWEEN RR & C.L. FENCE, 600' S. OF BASELINE RD. (W. SIDE OF TRACKS) |
| | | | | 3.745 | | | |
| | 6.88 | | | | | | |
| | 5.40 | + 5.40 | 16.928 | | | | |
| | 3.92 | | | | | | |
| | | | | 4.955 | | | |
| TBM 2-10 | | | | 3.34 | 3.34 | 1213.588 | □ CUT ON SW COR. OF CONC. RR SIGNAL BASE E. SIDE OF RR, N. SIDE OF BASELINE RD. (WESTERN MOST SET OF RR. TRACKS) |
| | | | | 1.73 | | | |
| | 5.025 | | | | | | |
| | 3.68 | + 3.68 | 17.268 | | | | |
| | 2.33 | | | | | | |

9-1-87

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1217.268 | | | | |
| | | | | 6.66 | | | |
| RO-1 | | | | 5.175 | -5.175 | 1212.093 | R-BAR, 150' S. OF JUNCTION OF RR TRACKS, 625' N. OF BASELINE RD. (BETWEEN SETS OF RR TRACKS) |
| | | | | 3.695 | | | |
| | 4.66 | | | | | | |
| | 3.49 | +3.49 | 15.583 | | | | |
| | 2.325 | | | | | | |
| | | | | 5.875 | | | |
| TBM 2-11 | | | | 4.53 | -4.53 | 1211.053 | CPS IN PP, 60' E. OF RR. TRACK, 1150' N. OF BASELINE RD. |
| | | | | 3.18 | | | |
| | 5.08 | | | | | | |
| | 3.775 | +3.775 | 14.828 | | | | |
| | 2.465 | | | | | | |
| | | | | 5.285 | | | |
| TBM 2-12 | | | | 4.00 | -4.00 | 1210.828 | CPS. IN PP, 60' E. OF RR. TRACK, 1700' N. OF BASELINE RD. |
| | | | | 2.72 | | | |
| | 5.99 | | | | | | |
| | 4.67 | +4.67 | 15.498 | | | | |
| | 3.35 | | | | | | |
| | | | | 5.13 | | | |
| TBM 2-13 | | | | 3.89 | -3.89 | 1211.608 | CPS. IN PP, 60' E. OF RR. 300' S. OF SUPERSTITION FRWY. |
| | | | | 2.65 | | | |
| | 6.81 | | | | | | |
| | 5.30 | +5.30 | 16.908 | | | | |
| | 3.79 | | | | | | |

9-1-87

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1216.908 ↑ | | | |
| | | | | 7.25 | | |
| TBM 2-14 | | | | 5.86 | −5.86 | 1211.048 |
| | | | | 4.47 | | |
| | 4.745 | | | | | |
| | 3.37 | +3.37 | 14.418 ↑ | | | |
| | 2.00 | | | | | |
| | | | | 5.70 | | |
| TBM 2-15 | | | | 4.21 | −4.21 | 1210.208 |
| | | | | 2.72 | | |
| | 5.37 | | | | | |
| | 5.155 | +5.155 | 15.363 ↑ | | | |
| | 4.94 | | | | | |
| | | | | 5.54 | | |
| HC-1 | | | | 5.175 | −5.175 | 1210.188 |
| | | BEGIN RUN BACK TO TBM 2-14 | | 4.81 | | |
| | 5.825 | | | | | |
| | 5.465 | +5.465 | 15.653 ↑ | | | |
| | 5.105 | | | | | |
| | | | | 5.665 | | |
| TBM 2-15 | | | | 5.45 | −5.45 | 1210.203 |
| | | | | 5.235 | | |
| | 5.69 | | | | | |
| | 4.18 | +4.18 | 14.383 ↑ | | | |
| | 2.67 | | | | | |

R-BAR, 1' N. OF S. FRWY R/W FENCE, 250' W. OF RR. TRACK

R-BAR, 1' N. OF S. R/W FENCE, 800' W. OF RR TRACK

R-BAR, 30' S. OF FRWY. R/W FENCE, 30' E. OF E. EDGE EMPIRE PARKING LOT

R-BAR

MCFCD
BLK. 2

1214.383

| | | | | |
|---|---|---|---|---|
| | | | | 4.70 |
| TBM 2-14 | | | | 3.345 |
| | | | | 1.985 |
| | 7.06 | | | |
| | 5.665 | +5.665 | 16.703 | |
| | 4.27 | | | |
| | | | | 6.875 |
| TBM 2-16 | | | | 5.445 |
| | | | | 4.01 |
| | 7.17 | | | |
| | 5.845 | +5.845 | 17.103 | |
| | 4.515 | | | |
| | | | | 6.535 |
| TBM 2-17 | | | | 5.25 |
| | | | | 3.97 |
| | 6.785 | | | |
| | 5.51 | +5.51 | 17.363 | |
| | 4.235 | | | |
| | | | | 6.795 |
| HC-2 | | | | 6.22 |
| | | | | 5.645 |
| | 7.375 | | | |
| | 6.09 | +6.09 | 17.233 | |
| | 4.805 | | | |

9-1-87

802/110

| | | |
|---|---|---|
| -345 | 1211.038 | R-BAR |
| -5.445 | 1211.258 | R-BAR, 1' N. OF S. FRWY R/W FENCE, 300' E. OF RR TRACK |
| -5.25 | 1211.853 | R-BAR, 1' N. OF S. FRWY. R/W FENCE, 850' E. OF RR TRACK |
| -6.22 | 1211.143 | R-BAR, 60' S. OF S. FRWY R/W FENCE, 50' E. OF PAVED STREET, FLUSH WITH TOP OF GROUND |

MCFCD BLK. 2 — 1217.233

| | | | | |
|---|---|---|---|---|
| | | | | 6.165 |
| TBM 2-18 | | | | 4.88 |
| | | | | 3.60 |
| | 7.065 | | | |
| | 5.70 | +5.70 | 18.053 | |
| | 4.395 | | | |
| | | | | 6.235 |
| TBM 2-19 | | | | 4.93 |
| | | | | 3.63 |
| | 6.85 | | | |
| | 5.495 | +5.495 | 18.618 | |
| | 4.14 | | | |
| | | | | 6.44 |
| TBM 2-20 | | | | 5.24 |
| | | | | 4.035 |
| | 5.435 | | | |
| | 4.86 | +4.86 | 18.238 | |
| | 4.29 | | | |
| SIDESHOT | | −5.56 | 1212.678 | |
| | | | | 6.24 |
| RO-2 | | | | 5.555 |
| | | | | 4.875 |

9-1-87

| | | |
|---|---|---|
| −4.88 | 1212.353 | □ CUT ON S. EDGE CONC. APRON S. EDGE OF STREET, 850' W. OF MESA DRIVE |
| −4.93 | 1213.123 | □ CUT ON S. EDGE CONC. APRON, S. EDGE OF STREET 300' W. OF MESA DR. |
| −5.24 | 1213.378 | □ CUT ON W. EDGE CONC. APRON W. EDGE STREET, 150' W. OF MESA DR, 500' S. OF FRWY. |
| | | TOP OF PAVEMENT, TARGET ELEV @ RO-2 |
| −5.555 | 1212.683 | CPS, ℄ MESA DR, 550' S. OF FRWY. |

MCFCD

| | | | | | | |
|---|---|---|---|---|---|---|
| BLK. 2 | 5.775 | | | | | |
| | 4.465 | +4.465 | 17.148 | | | |
| | 3.16 | | | | | |
| | | | | 6.41 | | |
| TBM 2-21 | | | | 5.095 | −5.095 | 1212.053 |
| | | | | 3.78 | | |
| | 6.955 | | | | | |
| | 5.485 | +5.485 | 17.538 | | | |
| | 4.015 | | | | | |
| | | | | 6.185 | | |
| TBM 2-22 | | | | 4.78 | −4.78 | 1212.758 |
| | | | | 3.37 | | |
| | 5.04 | | | | | |
| | 3.745 | +3.745 | 16.503 | | | |
| | 2.445 | | | | | |
| | | | | 5.07 | | |
| TBM 2-23 | | | | 3.755 | −3.755 | 1212.748 |
| | | | | 2.435 | | |
| | 3.83 | | | | | |
| | 2.575 | +2.575 | 15.323 | | | |
| | 1.325 | | | | | |
| SIDESHOT | | −3.19 | 1212.133 | | | |
| | | | | 5.24 | | |
| RO-5 OK | | | | 3.975 | −3.975 | 1211.348 |
| | | | | 2.71 | | |

802/114

9-1-87

□ CUT, TOP OF CURB, W. SIDE MESA DR, 150' N. OF COURY AVE.

□ CUT, TOP OF CURB, W. SIDE MESA DR, 400' S. OF COURY AVE. IN FRONT OF DRIVER'S LICENSE BLDG.

□ CUT, TOP OF CURB, W. SIDE MESA DR, @ S. END OF CURB, 30' S. OF JAVELINA AVE.

TOP OF PAVEMENT, TARGET ELEV. @ RO-5

BC IN HH @ INT. OF MESA DR & BASELINE

9-1-87

MCFCD

| | | | | | |
|---|---|---|---|---|---|
| BLK. 2 | 5.895 | | | | |
| | 4.295 | +4.295 | 1215.643 | | |
| | 2.70 | | | | |
| | | | | 5.18 | |
| | | | | 3.655 | |
| TBM 2-24 | | | | 2.135 | |
| | 6.19 | | | | |
| | 4.63 | +4.63 | 16.618 | | |
| | 3.075 | | | | |
| | | | | 6.425 | |
| TBM 2-25 | | | | 5.025 | |
| | | | | 3.63 | |
| | 6.66 | | | | |
| | 5.60 | +5.60 | 17.193 | | |
| | 4.54 | | | | |
| | | | | 3.29 | |
| TBM 2-26 | | | | 2.345 | |
| | | | | 1.40 | |
| | 4.49 | | | | |
| | 3.165 | +3.165 | 18.013 | | |
| | 1.84 | | | | |
| | | | | 6.93 | |
| TBM 2-27 | | | | 5.595 | |
| | | | | 4.26 | |
| | 6.935 | | | | |
| | 5.62 | +5.62 | 18.038 | | |
| | 4.305 | | | | |

| | | |
|---|---|---|
| -3.655 | 1211.988 | CPS IN PP, W. SIDE McQUEEN RD, 630' S. OF BASELINE RD. |
| -5.025 | 1211.593 | CPS IN PP, W. SIDE McQUEEN RD, 350' N. OF RR TRACK |
| -2.345 | 1214.848 | □ CUT IN NE COR. CONC. RR. SIGNAL POLE BASE, E. SIDE McQUEEN RD S. SIDE RR. TRACK |
| -5.595 | 1212.418 | R-BAR, 8' N. OF RR, 550' E. OF McQUEEN RD. |

MCFCD
BLK. 1

1218.038

| | | | | |
|---|---|---|---|---|
| | | | 6.28 | |
| TBM 2-28 | | | 4.92 | |
| | | | 3.56 | |
| | 6.63 | | | |
| | 5.295 | + 5.295 | 18.413 | |
| | 3.965 | | | |
| | | | 6.78 | |
| TBM 2-29 | | | 5.47 | |
| | | | 4.16 | |
| | 5.875 | | | |
| | 4.545 | + 4.545 | 17.488 | |
| | 3.215 | | | |
| | | | 5.32 | |
| TBM 2-30 | | | 4.015 | |
| | | | 2.71 | |
| | 6.955 | | | |
| | 5.65 | + 5.65 | 19.123 | |
| | 4.34 | | | |
| | | | 6.05 | |
| TBM 2-31 | | | 4.775 | |
| | | | 3.495 | |
| | 6.715 | | | |
| | 5.405 | + 5.405 | 19.753 | |
| | 4.095 | | | |

9-1-87

802/118

| | | |
|---|---|---|
| - 4.92 | 1213.118 | R-BAR, 8' N. OF RR TRACK 1100' E. OF McQUEEN RD. |
| - 5.47 | 1212.943 | R-BAR, 8' N. OF RR. TRACK 1650' E. OF McQUEEN RD. |
| - 4.015 | 1213.473 | R-BAR, 8' N. OF RR TRACK 2200' E. OF McQUEEN RD. |
| - 4.775 | 1214.348 | R-BAR, 8' N. OF RR TRACK 2750' E. OF McQUEEN |

9-1-87

MCFCD
BLK. 2

1219.753

| | | | | | |
|---|---|---|---|---|---|
| | | | | 5.345 | |
| | | | | 4.04 | |
| TBM 2-32 | | | | 2.73 | |
| | 6.605 | | | | |
| | 5.09 | +5.09 | 20.803 | | |
| | 3.57 | | | | |
| | | | | | 1214.833 |
| SIDESHOT | | ~~-5.3~~ | 5.97 | | ~~1214.853~~ |
| | | | | 7.415 | |
| | | | | 5.955 | |
| RO-7 | | | | 4.49 | |
| | 6.49 | | | | |
| | 5.21 | +5.21 | 20.058 | | |
| | 3.925 | | | | |
| | | | | 5.67 | |
| | | | | 4.365 | |
| TBM 2-33 | | | | 3.06 | |
| | 6.61 | | | | |
| | 5.285 | +5.285 | 20.978 | | |
| | 3.965 | | | | |
| | | | | 5.565 | |
| | | | | 4.25 | |
| TBM 2-34 | | | | 2.94 | |

| | | |
|---|---|---|
| -4.04 | 1215.713 | R-BAR, 8'N. OF RR TRACK 3300' E. OF MCQUEEN RD. |
| | | TOP OF PAVEMENT, TARGET ELEV. @ RO-7 |
| -5.955 | 1214.848 | MARICOPA CO. BC @ INT. OF ENCINAS AVE. & NEVADA ST. |
| -4.365 | 1215.693 | CPS IN PVMNT, S. EDGE ENCINAS AVE, 550' E. OF NEVADA ST. |
| -4.25 | 1216.728 | CPS IN PVMNT, S. EDGE ENCINAS AVE, 1100' E. OF NEVADA ST, IN ℄ OF DRIVEWAY |

9-1-87

| | | | | |
|---|---|---|---|---|
| MCFCD BLK. 2 | | | | |
| | 6.83 | | | |
| | 5.485 | +5.485 | 22.213 ↑ | |
| | 4.135 | | | |
| | | | | 6.145 |
| TBM 2-35 | | | | 4.83 |
| | | | | 3.515 |
| | 6.63 | | | |
| | 5.295 | +5.295 | 22.678 ↑ | |
| | 3.96 | | | |
| | | | | 5.49 |
| TBM 2-36 | | | | 4.185 |
| | | | | 2.88 |
| | 5.165 | | | |
| | 4.77 | +4.77 | 23.263 ↑ | |
| | 4.375 | | | |
| | | | | 1218.983 |
| SIDE SHOT | | -4.28 | | ~~1219.005~~ |
| | | | ~~4.825~~ | ~~4.285~~ |
| RO-8 | | | | 4.295 |
| | | | | 3.765 |
| | 6.92 | | | |
| | 5.54 | +5.54 | 24.508 ↑ | |
| | 4.165 | | | |

| | | |
|---|---|---|
| -4.83 | 1217.383 | CPS IN PVMNT, S. EDGE ENCINAS AVE, 650' W. OF COOPER RD. |
| -4.185 | 1218.493 | CPS IN PVMNT, S. EDGE ENCINAS AVE, 100' W. OF COOPER RD. |
| | 1218.983 | TOP OF PVMNT, TARGET ELEV. @ RO-8 |
| -4.295 | 1218.968 | CPS IN PVMNT, ℄ INT. OF ENCINAS & COOPER RD. |

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1224.508 ^ | | | |
| | | | | 5.68 | | |
| | | | | 4.33 | | |
| TBM Z-37 | | | | 2.98 | | |
| | 6.36 | | | | | |
| | 4.97 | + 4.97 | 25.148 ^ | | | |
| | 3.58 | | | | | |
| | | | | 6.055 | | |
| TBM Z-38 | | | | 4.725 | | |
| | | | | 3.40 | | |
| | 6.345 | | | | | |
| | 5.30 | + 5.30 | 25.723 ^ | | | |
| | 4.255 | | | | | |
| | | | | 6.51 | | |
| TBM Z-39 | | | | 5.36 | | |
| | | | | 4.21 | | |
| | 8.88 | | | | | |
| | 7.325 | + 7.325 | 27.688 ^ | | | |
| | 5.765 | | | | | |
| | | | | 6.65 | | |
| TBM Z-40 | | | | 5.56 | | |
| | | | | 4.465 | | |
| | 4.69 | | | | | |
| | 3.83 | + 3.83 | 25.958 ^ | | | |
| | 2.965 | | | | | |

9-1-87

| | | |
|---|---|---|
| - 4.33 | 1220.178 | □ CUT ON E. TCD, W. SIDE COOPER RD, 300' S. OF STANFORD AVE. |
| - 4.725 | 1220.423 | □ CUT, ON E. TCD, W. SIDE COOPER RD, 450' S. OF HARVARD AVE. |
| - 5.36 | 1220.363 | BC IN HH @ INT. OF COOPER & GUADELUPE RD. |
| - 5.56 | 1222.128 | □ CUT, NW. COR. HEADWALL, N. SIDE DRIVEWAY, E. SIDE COOPER RD, 530' S. OF GUADELUPE RD. |

MCFCD
BLK. 2

1225.958

1220.798

SIDESHOT — 5.16 ~~1220.818~~

6.205
5.145
4.08

HC-13

6.50
5.42 +5.42 26.233
4.345

5.86
4.775
3.695

TBM 2-41

6.18
4.905 +4.905 26.363
3.625

6.465
5.17
3.87

TBM 2-42

6.655
5.345 +5.345 26.538
4.03

6.695
5.43
4.17

TBM 2-43

6.14
5.46 +5.46 26.568
4.78

9-2-87
90-105° CLR, WINDY

RUGLAND
B. McMURRAY
THOMPSON

802/126

TOP OF PAVEMENT, TARGET ELEV. @ HC-13

| | | |
|---|---|---|
| -5.145 | 1220.813 | CPS IN PVMNT, & COOPER RD, 920' S. OF GUADELUPE RD. |
| -4.775 | 1221.458 | CPS IN W. FACE PP, W. SIDE COOPER RD, 1400' S. OF GUADELUPE RD. |
| -5.17 | 1221.193 | CPS IN W. FACE OF PP, W. FACE OF COOPER RD, 1900' S. OF GUADELUPE RD. |
| -5.43 | 1221.108 | CPS IN E. FACE OF PP, W. SIDE COOPER RD, 2400' S. OF GUADELUPE RD. |

MCFCD
BLK. Z

| | | | | |
|---|---|---|---|---|
| | | | 1226.568 | 1222.588 ~~1222.608~~ |
| SIDESHOT | | -3.98 | | |
| | | | | 4.685 |
| | | | | 3.945 |
| RO-18 | | | | 3.20 |
| | 6.05 | | | |
| | 4.64 | +4.64 | 27.263 | |
| | 3.23 | | | |
| | | | | 5.06 |
| | | | | 3.645 |
| TBM 2-44 | | | | 2.23 |
| | 5.10 | | | |
| | 3.86 | +3.86 | 27.478 | |
| | 2.62 | | | |
| | | | | 4.625 |
| | | | | 3.38 |
| TBM 2-45 | | | | 2.13 |
| | 4.565 | | | |
| | 3.31 | +3.31 | 27.408 | |
| | 2.06 | | | |
| | | | | 4.52 |
| | | | | 3.29 |
| TBM 2-46 | | | | 2.055 |
| | 5.225 | | | |
| | 3.98 | +3.98 | 28.098 | |
| | 2.73 | | | |

9-2-87

TOP OF PAVEMENT, TARGET ELEV @ RO-18

| | | |
|---|---|---|
| -3.945 | 1222.623 | BC, FLUSH WITH TOP OF PAVEMENT @ ℄ OF COOPER RD & WESTERN CANAL |
| -3.645 | 1223.618 | CPS IN E. FACE OF PP, W. SIDE COOPER RD, 575' S. OF WESTERN CANAL |
| -3.38 | 1224.098 | CPS IN E. FACE OF PP, W. SIDE COOPER RD, 1100' S. OF WESTERN CANAL |
| -3.29 | 1224.118 | CPS IN E. FACE OF PP, W. SIDE COOPER RD, 1650' S. OF WESTERN CANAL |

MCFCD

| | | | | | | |
|---|---|---|---|---|---|---|
| BLK. 2 | | | 1228.098 ↑ | | | |
| | | | | 4.95 | | |
| TBM 2-47 | | | | 3.71 | −3.71 | 1224.388 CPS IN E. FACE OF PP, 700' N. OF ELLIOT RD. |
| | | | | 2.47 | | |
| | 4.65 | | | | | |
| | 4.03 | +4.03 | 28.418 ↑ | | | |
| | 3.41 | | | 1223.958 | | |
| S.S. | | −4.46 | ~~D. 23.978~~ | | | TOP OF PVMENT, TARGET ELEV @ HC-21 |
| | | | | 5.205 | | |
| HC-21 | | | | 4.45 | −4.45 | 1223.968 CPS IN E COOPER RD, 350' N. OF ELLIOT |
| | | | | 3.70 | | |
| | 5.425 | | | | | |
| | 4.65 | +4.65 | 28.618 ↑ | | | |
| | 3.88 | | | | | |
| | | | | 3.845 | | |
| TBM 2-48 | | | | 3.07 | −3.07 | 1225.548 □ CUT ON SE COR. OF STRUC. IN NW. COR. OF INT. OF ELLIOT & COOPER |
| | | | | 2.30 | | |
| | 4.13 | | | | | |
| | 2.76 | +2.76 | 28.308 ↑ | | | |
| | 1.39 | | | | | |
| | | | | 7.43 | | |
| TBM 2-49 | | | | 6.03 | −6.03 | 1222.278 □ CUT ON S.TCD, N. SIDE ELLIOT RD, 575' W. OF COOPER RD. |
| | | | | 4.625 | | |
| | 6.075 | | | | | |
| | 4.68 | +4.68 | 26.958 ↑ | | | |
| | 3.285 | | | | | |

9-2-87

MCFCD BLK. 2

1226.958

| | | | | |
|---|---|---|---|---|
| | | | | 6.54 |
| TBM 2-50 | | | | 5.175 |
| | | | | 3.81 |
| | 5.175 | | | |
| | 3.815 | +3.815 | 25.598 | |
| | 2.45 | | | |
| | | | | 5.585 |
| TBM 2-51 | | | | 4.21 |
| | | | | 2.84 |
| | 5.74 | | | |
| | 4.40 | +4.40 | 25.788 | |
| | 3.065 | | | |
| | | | | 6.10 |
| TBM 2-52 | | | | 4.765 |
| | | | | 3.43 |
| | 5.085 | | | |
| | 3.90 | +3.90 | 24.923 | |
| | 2.715 | | | |
| | | | | 6.70 |
| TBM 2-53 | | | | 5.58 |
| | | | | 4.455 |
| | 6.82 | | | |
| | 5.485 | +5.485 | 24.828 | |
| | 4.15 | | | |

9-2-87

| | | |
|---|---|---|
| -5.175 | 1221.783 | □ CUT ON S. TCD, N. SIDE ELLIOT RD, 1150' W. OF COOPER RD |
| -4.21 | 1221.388 | □ CUT ON S. TCD. N. SIDE ELLIOT RD, 1700' W. OF COOPER RD. |
| -4.765 | 1221.023 | □ CUT ON S. TCD, N. SIDE ELLIOT RD., 2250' W. OF COOPER RD., 50' E. OF CURVE IN DITCH |
| -5.58 | 1219.343 | BC IN HH, N. EDGE ELLIOT RD, 2640' W. OF COOPER RD (1/4 COR) 150' SW. OF LDS CHURCH |

802/134

9-2-87

| | | | | | |
|---|---|---|---|---|---|
| NCFCD BLK. 2 | | 1224.828 ↑ | | | |
| | | | 7.46 | | |
| | | | 6.08 | | |
| TBM 2-54 | | | 4.70 | | |
| | 6.30 | | | | |
| | 4.97 | +4.97 | 23.718 ↑ | | |
| | 3.64 | | | | |
| | | | 7.015 | | |
| TBM 2-55 | | | 5.655 | -5.655 | 1218.063 |
| | | | 4.30 | | |
| | 6.475 | | | | |
| | 5.095 | +5.095 | 23.158 ↑ | | |
| | 3.715 | | | | |
| | | | 7.115 | | |
| TBM 2-56 | | | 5.735 | -5.735 | 1217.423 |
| | | | 4.355 | | |
| | 6.74 | | | | |
| | 5.405 | +5.405 | 22.828 ↑ | | |
| | 4.07 | | | | |
| | | | 7.40 | | |
| TBM 2-57 | | | 6.055 | -6.055 | 1216.773 |
| | | | 4.71 | | |
| | 6.865 | | | | |
| | 5.62 | +5.62 | 22.393 ↑ | | |
| | 4.38 | | | | |

| | | |
|---|---|---|
| -6.08 | 1218.748 | □ CUT, TOP OF CURB, S. SIDE OF ELLIOT, 600' W. OF LDS CHURCH, 45' E. OF FIRE HYDRANT |
| -5.655 | 1218.063 | □ CUT, TOP OF CURB, S. SIDE OF ELLIOT, 275' E. OF S. ISLANDS DR. |
| -5.735 | 1217.423 | □ CUT, TOP OF CURB, S. SIDE OF ELLIOT, 275' W. OF S. ISLANDS DR. |
| -6.055 | 1216.773 | □ CUT, TOP OF CURB, S. SIDE OF ELLIOT, 550' E. OF McQUEEN RD. |

802/136

9-2-87

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1222.393 ↑ | | | |
| | | | | 8.055 | | |
| TBM 2-58 | | | | 6.745 | -6.745 | 1215.648 BC IN HH @ INT. OF ELLIOT & McQUEEN |
| | | | | 5.43 | | |
| | 8.09 | | | | | |
| | 6.345 | +6.345 | 21.993 ↑ | | | |
| | 4.595 | | | | | |
| | | | | 5.945 | | |
| TBM 2-59 | | | | 4.645 | -4.645 | 1217.348 □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 575' S. OF ELLIOT RD. |
| | | | | 3.35 | | |
| | 6.995 | | | | | |
| | 5.635 | +5.635 | 22.983 ↑ | | | |
| | 4.28 | | | | | |
| | | | | 6.255 | | |
| TBM 2-60 | | | | 4.985 | -4.985 | 1217.998 □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 1150' S. OF ELLIOT RD |
| | | | | 3.71 | | |
| | 6.595 | | | | | |
| | 5.26 | +5.26 | 23.258 ↑ | | | |
| | 3.925 | | | | | |
| | | | | 6.73 | | |
| TBM 2-61 | | | | 5.37 | -5.37 | 1217.888 □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 150' S. OF PALOVERDE DR. |
| | | | | 4.005 | | |
| | 7.15 | | | | | |
| | 5.755 | +5.755 | 23.643 ↑ | | | |
| | 4.36 | | | | | |

MCFCD
BLK. 2

1223.643

| | | | | |
|---|---|---|---|---|
| | | | 6.20 | |
| | | | 4.845 | |
| TBM 2-62 | | | 3.49 | |
| | 5.905 | | | |
| | 4.905 | +4.905 | 23.703 | |
| | 3.90 | | | |
| | | | 7.79 | |
| TBM 2-63 | | | 6.545 | |
| | | | 5.30 | |
| | 7.98 | | | |
| | 6.65 | +6.65 | 23.808 | |
| | 5.32 | | | |
| | | | 5.775 | |
| TBM 2-64 | | | 4.415 | |
| | | | 3.05 | |
| | 6.89 | | | |
| | 5.545 | +5.545 | 24.938 | |
| | 4.195 | | | |
| | | | 6.35 | |
| TBM 2-65 | | | 5.015 | |
| | | | 3.68 | |
| | 6.74 | | | |
| | 5.40 | +5.40 | 25.323 | |
| | 4.06 | | | |

9-2-87

| | | |
|---|---|---|
| -4.845 | 1218.798 | □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 40'S. OF S. ENTRANCE TO ISLANDS ELEM. SCHOOL |
| -6.545 | 1217.158 | BC IN HH, W. SIDE McQUEEN RD, 2640' S. OF ELLIOT RD. (1/4 COR) |
| -4.415 | 1219.393 | □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 3200' S. OF ELLIOT RD. |
| -5.015 | 1219.923 | □ CUT, TOP OF CURB, E. SIDE McQUEEN RD, 3750'S. OF ELLIOT RD. |

MCFCD

BLK. 2

1225.323

| | | | | |
|---|---|---|---|---|
| | | | 6.16 | |
| | | | 4.87 | |
| TBM 2-66 | | | 3.58 | |
| 7.22 | | | | |
| 5.84 | +5.84 | 26.293 | | |
| 4.455 | | | | |
| | | | 6.31 | |
| TBM 2-67 | | | 5.01 | |
| | | | 3.71 | |
| 7.995 | | | | |
| 6.61 | +6.61 | 27.893 | | |
| 5.225 | | | | |
| | | | 5.465 | |
| TBM 2-68 | | | 4.195 | |
| | | | 2.925 | |
| 5.155 | | | | |
| 3.785 | +3.785 | 27.483 | | |
| 2.41 | | | | |
| | | | 7.545 | |
| TBM 2-69 | | | 6.25 | |
| | | | 4.95 | |
| 6.24 | | | | |
| 5.84 | +5.84 | 27.073 | | |
| 5.445 | | | | |

9-2-87

| | | |
|---|---|---|
| -4.87 | 1220.453 | □ CUT, TOP OF CURB, E. SIDE OF McQUEEN, 4300' S. OF ELLIOT RD |
| -5.01 | 1221.283 | □ CUT, TOP OF CURB, E. SIDE McQUEEN RD. 550' N. OF WARNER |
| -4.195 | 1223.698 | BC IN HH @ INT. OF WARNER & McQUEEN |
| -6.25 | 1221.233 | □ CUT ON N. TCD, N. SIDE WARNER RD, 550' W. OF McQUEEN RD. |

MCFCD BLK. 2

1227.073

1221.653

1221.673

SIDESHOT −5.42

5.83
5.41
4.985

HC-25

5.875
4.80 +4.80 26.463
3.73

6.61
5.785
4.965

TBM 2-70

6.18
4.855 +4.855 25.533
3.535

8.11
6.76
5.405

TBM 2-71

6.495
5.16 +5.16 23.933
3.825

7.11
5.76
4.405

TBM 2-72

6.615
5.285 +4.285 23.458
3.95

9-2-87

TOP OF PAVEMENT, TARGET ELEV @ HC-25

| | | |
|---|---|---|
| −5.41 | 1221.663 | CPS IN ℄ OF WARNER RD, 700' W. OF McQUEEN RD |
| −5.785 | 1220.678 | □ CUT, N. TCD, N. SIDE WARNER RD, 1250' W. OF McQUEEN RD. |
| −6.76 | 1218.773 | □ CUT, N. TCD, N. SIDE WARNER RD, 1800' W. OF McQUEEN RD, BETWEEN 2 BRIDGES OVER CONC. DITCH |
| −5.76 | 1218.173 | □ CUT, N. TCD, N. SIDE WARNER RD, 550' E. OF RR TRACK |

| | | | | | | |
|---|---|---|---|---|---|---|
| MCFCD BLK. | | | 1223.458 ^ | | | |
| | | | | 4.715 | | |
| TBM 2-73 | | | | 3.395 | -3.395 | 1220.063 MARI. CO. BC IN ℄ OF RR & ℄ WARNER RD. FLUSH WITH PVMNT |
| | | | | 2.075 | | |
| | 3.125 | | | | | |
| | 2.005 | +2.005 | 22.068 ^ | | | |
| | 0.89 | | | 1215.288 | | |
| SIDESHOT | | -6.78 | | ~~1215.308~~ | | TOP OF PVMNT, TARGET ELEV. @ HC-24 |
| | | | | 8.00 | | |
| HC-24 | | | | 6.77 | -6.77 | 1215.298 CPS IN ℄ OF WARNER RD, 500' W. OF RR |
| | | | | 5.545 | | |
| | 7.915 | | | | | |
| | 6.69 | +6.69 | 21.988 ^ | | | |
| | 5.46 | | | | | |
| | | | | 3.03 | | |
| TBM 2-73 | | | | 1.92 | -1.92 | 1220.068 BC IN ℄ OF RR. & WARNER RD. |
| | | | | 0.805 | | |
| | 2.385 | | | | | |
| | 1.48 | +1.48 | 21.548 ^ | | | |
| | 0.575 | | | | | |

9-2-87

MCFCD
BLK. 2

1221.548

| | | | | |
|---|---|---|---|---|
| | | | | 5.22 |
| TBM 2-74 | | | | 4.26 |
| | | | | 3.305 |
| | 3.735 | | | |
| | 2.605 | +2.605 | 19.893 | |
| | 1.475 | | | |
| | | | | 5.39 |
| TBM 2-75 | | | | 4.24 |
| | | | | 3.09 |
| | 4.785 | | | |
| | 3.65 | +3.65 | 19.303 | |
| | 2.515 | | | |
| | | | | 6.07 |
| TBM 2-76 | | | | 4.915 |
| | | | | 3.76 |
| | 4.81 | | | |
| | 3.64 | +3.64 | 18.028 | |
| | 2.465 | | | |
| | | | | 4.925 |
| TBM 2-77 | | | | 3.815 |
| | | | | 2.70 |
| | 4.47 | | | |
| | 3.335 | +3.335 | 17.548 | |
| | 2.20 | | | |

9-2-87

| | | |
|---|---|---|
| -4.26 | 1217.288 | E. FACE CPS IN PP # 11/1, 30' E. OF RR, 375' N. OF WARNER RD. |
| -4.24 | 1215.653 | CPS IN E. FACE PP # 10/11 30' E. OF RR, 850' N. OF WARNER RD. |
| -4.915 | 1214.388 | CPS IN E. FACE OF PP # 10/10 30' E. OF RR, 1300' N. OF WARNER RD |
| -3.815 | 1214.213 | CPS IN E. FACE OF PP, # 10/9 30' E. OF RR, 1800' N. OF WARNER RD. |

9-2-87

| | | | | | |
|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1217.548 ↑ | | |
| | | | | 5.145 | |
| TBM 2-78 | | | | 3.995 | -3.995 | 1213.553 | CPS IN E. FACE OF PP # 10/8 30' E. OF RR, 2250' N. OF WARNER RD. |
| | | | | 2.845 | |
| | 4.89 | | | | |
| | 3.755 | + 3.755 | 17.308 ↑ | | |
| | 2.62 | | | | |
| | | | | 4.555 | |
| TBM 2-79 | | | | 3.39 | -3.39 | 1213.918 | □ CUT ON N. COR. OF HEAD-WALL, 15' E. OF RR @ MID-SEC. LINE |
| | | | | 2.22 | |
| | 4.545 | | | | |
| | 3.38 | + 3.38 | 17.298 ↑ | | |
| | 2.215 | | | | |
| | | | | 4.575 | |
| TBM 2-80 | | | | 3.455 | -3.455 | 1213.843 | CPS IN E. FACE OF PP # 10/6 30' E. OF RR, 3100' N. OF WARNER RD. |
| | | | | 2.335 | |
| | 4.55 | | | | |
| | 3.41 | + 3.41 | 17.253 ↑ | | |
| | 2.27 | | | | |
| | | | | 5.125 | |
| TBM 2-81 | | | | 3.965 | -3.965 | 1213.288 | CPS IN E. FACE OF PP # 10/5 30' E. OF RR, 3550' N. OF WARNER RD. |
| | | | | 2.80 | |
| | 5.395 | | | | |
| | 4.265 | + 4.265 | 17.553 ↑ | | |
| | 3.135 | | | | |

9-11-87

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MCFCD BLK. 2 | | | 1222.153 | | | | |
| | | | | 5.67 | | | |
| TP-3 | | | | 4.305 | - 4.305 | 1217.848 | HUB, S. SIDE S. CANAL RD. 2300' E. OF McQUEEN |
| | 6.03 | | | 2.935 | | | |
| | 5.335 | +5.335 | 23.183 | | | | |
| | 4.64 | | | | | | |
| | | | | 6.65 | | | |
| VC-7 | | | | 5.84 | -5.84 | 1217.343 | R-BAR & GRND. LEVEL, N. SIDE OF CANAL, ½ MILE E. OF McQUEEN, W. EDGE OF FIELD RD. |
| | 6.73 | BEGIN RUN BACK | | 5.025 | | | |
| | 5.92 | +5.92 | 23.263 | | | | |
| | 5.11 | | | | | | |
| | | | | 6.12 | | | |
| TP-3 | | | | 5.42 | -5.42 | 1217.843 | HUB |
| | 5.01 | | | 4.72 | | | |
| | 4.49 | +4.49 | 22.333 | | | | |
| | 3.11 | | | | | | |
| | | | | 5.01 | | | |
| TBM 2-104 | | | | 3.58 | -3.58 | 1218.753 | □ CUT ON ELEC. TOWER #107 |
| | 3.985 | | | 2.155 | | | |
| | 3.15 | +3.15 | 21.903 | | | | |
| | 2.32 | | | | | | |
| | | | | 6.19 | | | |
| TP-2 | | | | 5.32 | -5.32 | 1216.583 | HUB |
| | | | | 4.45 | | | |

MCFCD
BLK · 2

| | | | |
|---|---|---|---|
| | 6.02 | | |
| | 4.635 + 4.635 | 21.218 | |
| | 3.25 | | |
| | | 4.83 | |
| TBM 2-103 | | 3.36 − 3.36 | 1217.858 |
| | 2.97 | 1.92 | |
| | 2.12 + 2.12 | | 1219.978 |
| | 1.27 | | |
| | | 5.58 | |
| TP-1 | | 4.415 − 4.415 | 1215.563 |
| | | 3.25 | |
| | 6.295 | | |
| | 4.905 + 4.905 | | 1220.468 |
| | 3.51 | | |
| | | 4.84 | |
| RO-17 | | 3.41 − 3.41 | 1217.058 |
| | | 1.98 | 1217.058 |
| | | | BK. 805 / 12 |

9-11-87

CUT, ELEC. TOWER # 108

HUB

BC IN HH

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