

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-02-00	2001	10	51

True North
Scale: 1" = 20'

CURVE DATA							
CURVE	①	②	③	④	⑤	⑥	⑦
Δ	50°34'57"	47°08'56"	30°00'03"	129°25'03"	149°10'31"	81°24'26"	120°45'45"
Δ/2	25°17'29"	23°34'28"	15°00'02"	64°42'32"	74°35'16"	40°42'13"	60°22'53"
R	96.00	100.00	420.00	2.00	2.00	5.00	5.00
T	45.36	43.64	112.54	4.23	7.26	4.30	8.80
C	82.03	79.99	217.41	3.62	3.86	6.52	8.69
L	84.75	82.29	219.92	4.52	5.21	7.10	10.54

CURVE DATA							
CURVE	⑧	⑨	⑩	⑪	⑫	⑬	⑭
Δ	34°16'32"	34°33'47"	149°10'31"	5°07'11"	54°02'38"	54°02'38"	137°27'26"
Δ/2	17°08'16"	17°16'53"	74°35'16"	2°33'36"	27°01'19"	27°01'19"	68°43'43"
R	58.00	48.00	2.00	500.00	78.00	100.00	2.00
T	17.89	14.93	7.26	22.35	39.78	51.00	5.14
C	34.18	28.52	3.99	44.63	70.88	90.87	3.73
L	34.70	28.96	5.95	44.68	73.57	94.32	4.80

CURVE DATA	
CURVE	⑮
Δ	87°54'56"
Δ/2	43°57'28"
R	5.00
T	4.82
C	6.94
L	7.67

MATCH LINE
B STA. 23+00

United States Military Reservation
Schofield Barracks
TMK: 7-7-01:1

23+81.44 McCornack Rd. (CE)
(o/s 19.4'± RT)

23+81.59 McCornack Rd. (S)
(o/s 11.4'± LT)

24+08.81 McCornack Rd. (CE)
(o/s 2.0'± RT)

24+63.73 McCornack Rd. (S)
(o/s 8.0' RT)

25+76.62 McCornack Rd. (S)
(o/s 8.0' RT)

25+14.18 McCornack Rd. (CE)
(o/s 11.4'± RT)

25+99.38 McCornack Rd. (S)
(o/s 8.0' LT)

13+46.25 Wilikina Dr.
(o/s 32' LT)

25+49.04 McCornack Rd. (CE)
(o/s 31.9'± RT)

25+47.61 McCornack Rd. (CE)
(o/s 4.3'± RT)

13+80.45 Wilikina Drive
=25+83 McCornack Rd. (CE)
New Standard Street
Survey Monument

23+24.07 McCornack Rd. (N)
(o/s 13.2'± LT)

PC Sta. 23+35.56
McCornack Rd. (N)

PT Sta. 24+09.14
McCornack Rd. (N)

24+30.92 McCornack Rd. (N)
(o/s 8.0' LT)

24+09.23 McCornack Rd. (N)
(o/s 8.0' RT)

24+09.26 McCornack Rd. (CE)
(o/s 21.2'± LT)

24+08.84 McCornack Rd. (CE)
(o/s 2.0'± LT)

25+19.87 McCornack Rd. (CE)
(o/s 10.7'± LT)

14+24.55 Wilikina Dr.
(o/s 32' LT)

25+43.36 McCornack Rd. (CE)
(o/s 36.2'± LT)

25+47.68 McCornack Rd. (CE)
(o/s 4.4'± LT)

PC Sta. 23+50.12 McCornack Rd. (CE)

Army R/W

PT Sta. 23+94.80 McCornack Rd. (CE)

Abandoned Road

State R/W

10+29.08 Wilikina Dr.
(o/s 18.6'± LT)

← To Honolulu

10+00 346°56'37" → 761.73
WILIKINA DRIVE

9+53.52 Wilikina Dr.
(o/s 18.5'± LT)

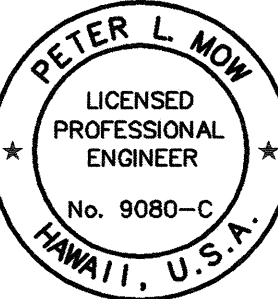
PT Sta. 26+91 McCornack Rd. (S)
=11+49.04 Wilikina Dr.

11+64.58 Wilikina Dr.
(o/s 26.7'± LT)

PC Sta. 26+06.25
McCornack Rd. (S)

State R/W

Parcel 8
T.M.K: 7-3-13: 8
Owner: State of Hawaii



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
[Signature]
ENGINEERS SURVEYORS HAWAII, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GEOMETRIC LAYOUT PLAN

**WILIKINA DR INTERSECTION IMPROVEMENTS
AT McNAIR GATE**

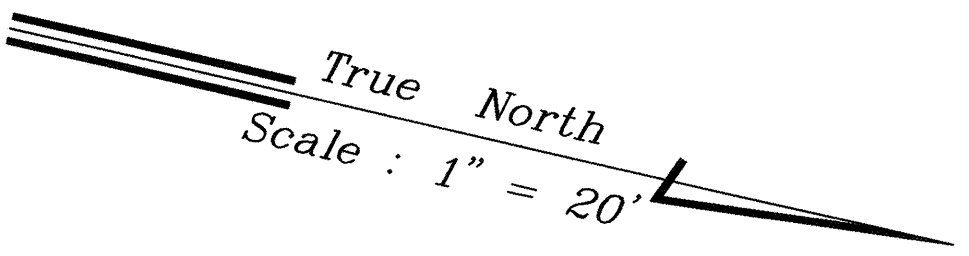
Project No. 99C-02-00

Scale: 1" = 20' Date: Sep 2000

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-02-00	2001	11	51

CURVE DATA				
CURVE	16	17	18	19
Δ	149°15'06"	14°28'15"	45°22'22"	45°22'22"
$\Delta/2$	74°37'33"	7°14'07"	22°41'11"	22°41'11"
R	5.00	266.00	250.00	258.00
T	18.18	33.77	104.51	107.85
C	9.64	67.00	192.84	199.01
L	13.02	67.18	197.98	204.31



Parcel 2
T.M.K: 7-3-13: 2
Owner: United States of America

Parcel 5
T.M.K: 7-3-13: 5
Owner: State of Hawaii

Kaukonahua Bridge

To Waialua →

WILIKINA DRIVE

← To Honolulu

State/Army
Jurisdiction Line

16

17

18

19

MATCH LINE
B STA. 15+00

MATCH LINE
B STA. 23+00

McCornack Road (CE)

32°18'59" → 143.42
McCornack Road (N)

25+44.47
McCornack Rd. (N)
(o/s 8.0'± LT)
PC Sta. 25+52.55

Abandoned Road

15+64.92 Wilikina Dr.
(o/s 32' LT)

26+10.09 McCornack Rd. (N)
(o/s 5.8'± RT)

17+02.39 Wilikina Dr. (o/s 13.8'± LT)
PT Sta. 27+56.86 McCornack Rd. (N)
= 17+08.06 Wilikina Dr.

State R/W

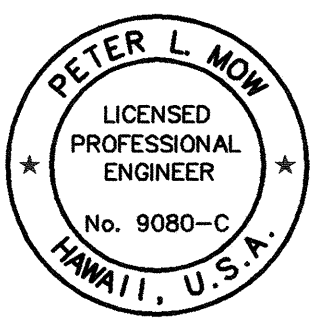
346°56'37" → 761.73

Parcel 8
T.M.K: 7-3-13: 8
Owner: State of Hawaii

Parcel 3
T.M.K: 7-3-13: 3
Owner: Wahiawa Water Company, Inc

Sewer Force Main
Easement

State R/W



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Peter L. Mow
ENGINEERS SURVEYORS HAWAII, INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GEOMETRIC LAYOUT PLAN

WILIKINA DR INTERSECTION IMPROVEMENTS
AT McNAIR GATE
Project No. 99C-02-00

Scale: 1" = 20' Date: Sep 2000

SHEET No. 2 OF 3 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
DATE	

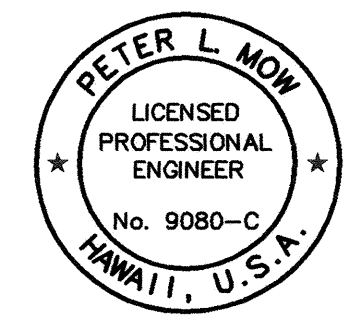
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FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-02-00	2001	12	51

Parcel 3
T.M.K: 7-3-13: 3
Owner: Wahiawa Water Company, Inc

Parcel 8
T.M.K: 7-3-13: 8
Owner: State of Hawaii

True North
Scale : 1" = 20'



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ME OR UNDER MY SUPERVISION.
[Signature]
ENGINEERS SURVEYORS HAWAII, INC

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GEOMETRIC LAYOUT PLAN

WILIKINA DR INTERSECTION IMPROVEMENTS
AT McNAIR GATE

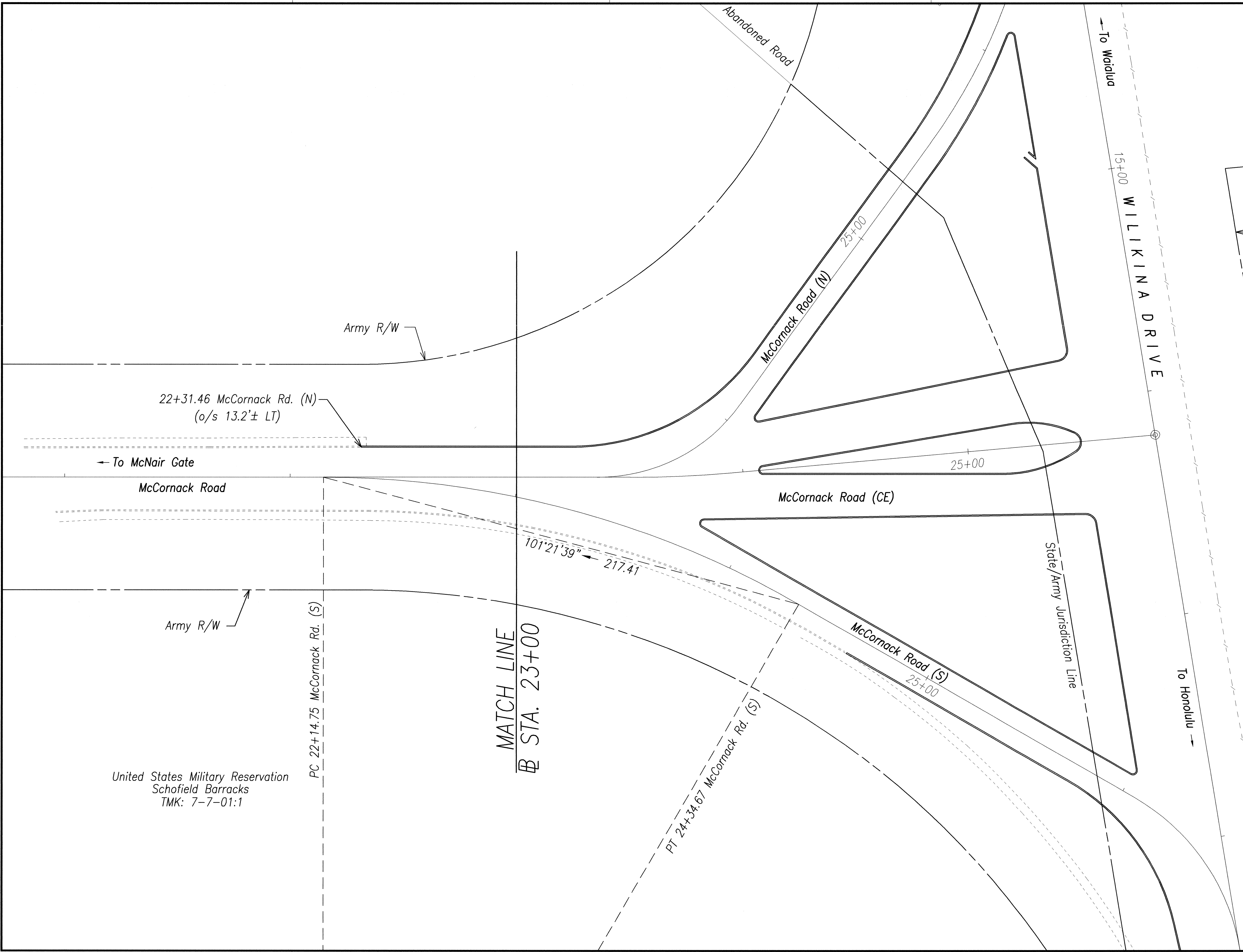
Project No. 99C-02-00

Scale: 1" = 20' Date: Sep 2000

SHEET No. 3 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	

Job:99-92 File:GEOMETRICS3.dwg Plot:1=20 Date:11/20/00 .pm



United States Military Reservation
Schofield Barracks
TMK: 7-7-01:1