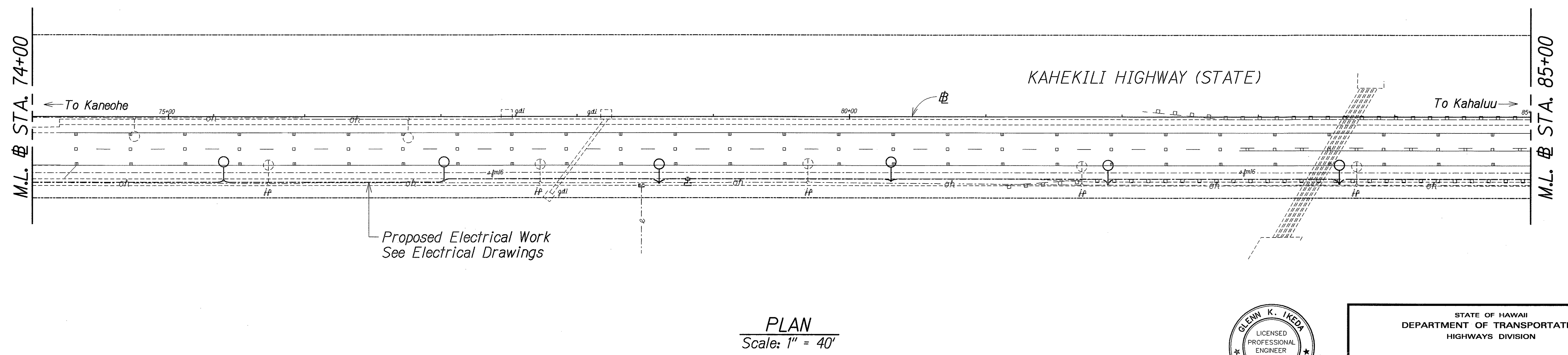
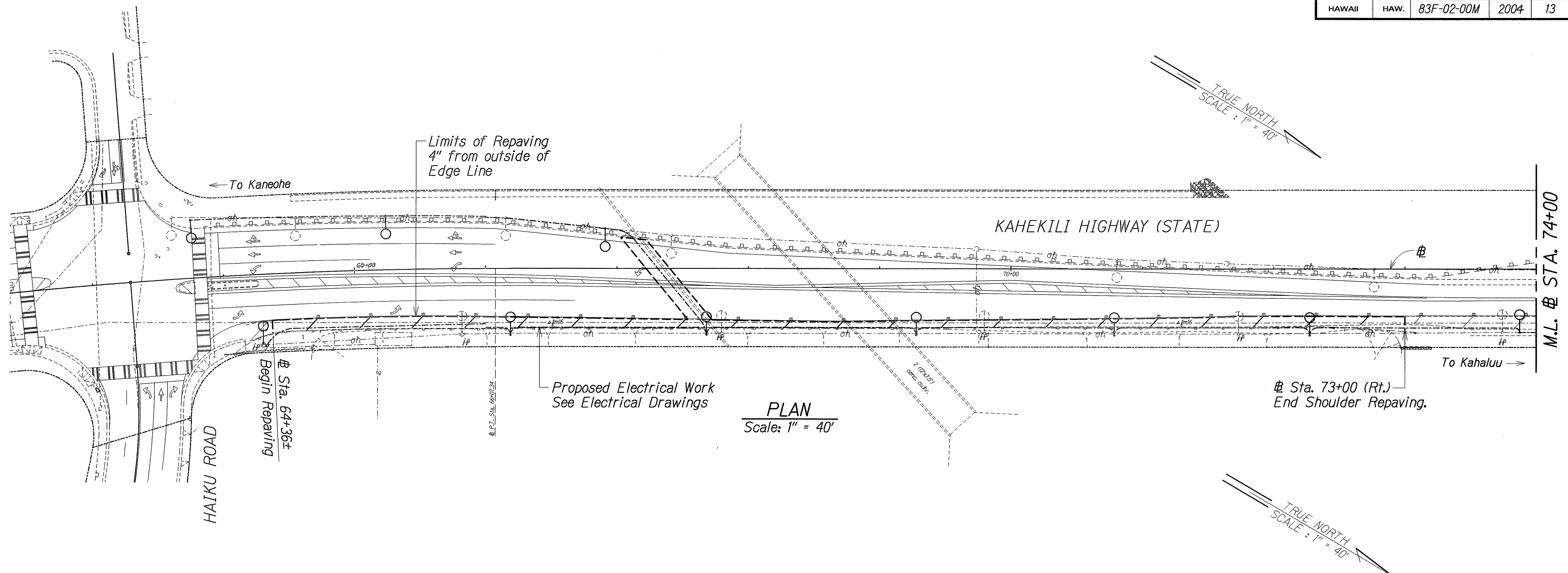


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	13	98



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

GLENN K. IKEDA
LICENSED PROFESSIONAL ENGINEER
No. 6328-C
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Glenn K. Ikeda
ParEn, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-04

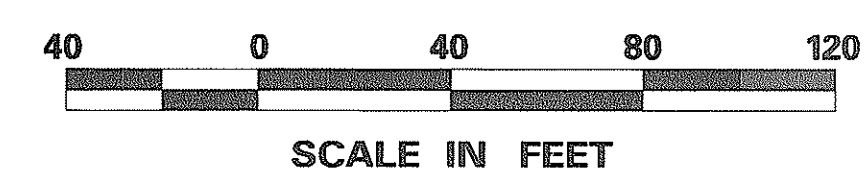
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

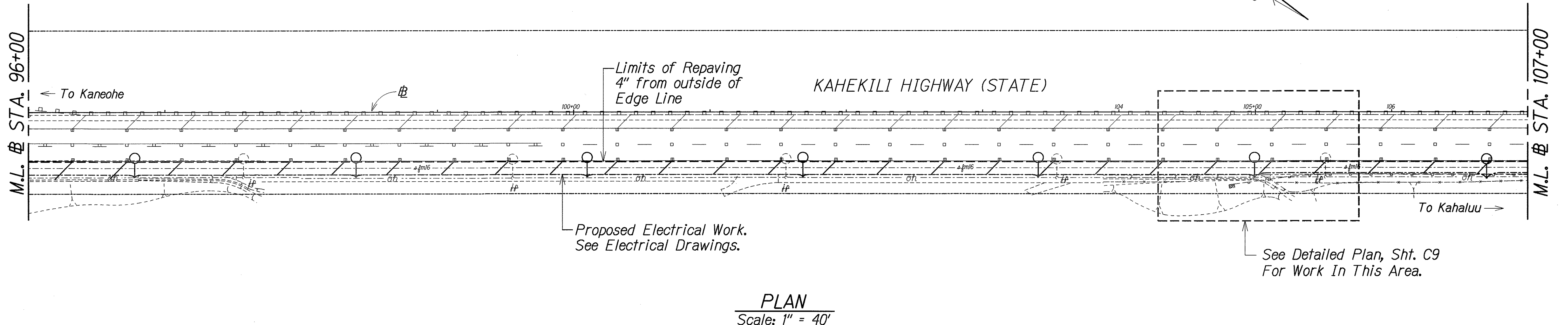
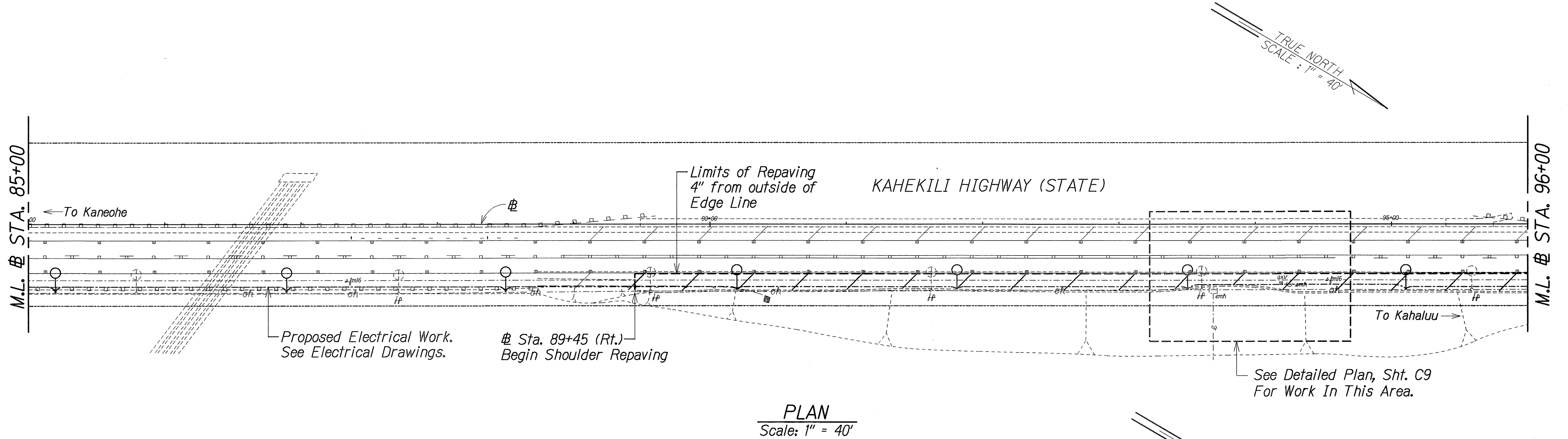
KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahuimanu Place
Project No. 83F-02-00M

Scale: As Noted Date: Sept. 2002

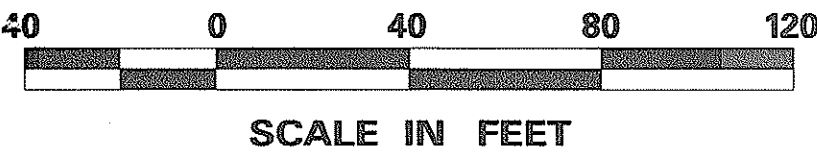
SHEET No. C1 OF C9 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	14	98



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION

Glen K. Ikegami
Glen K. Ikegami, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

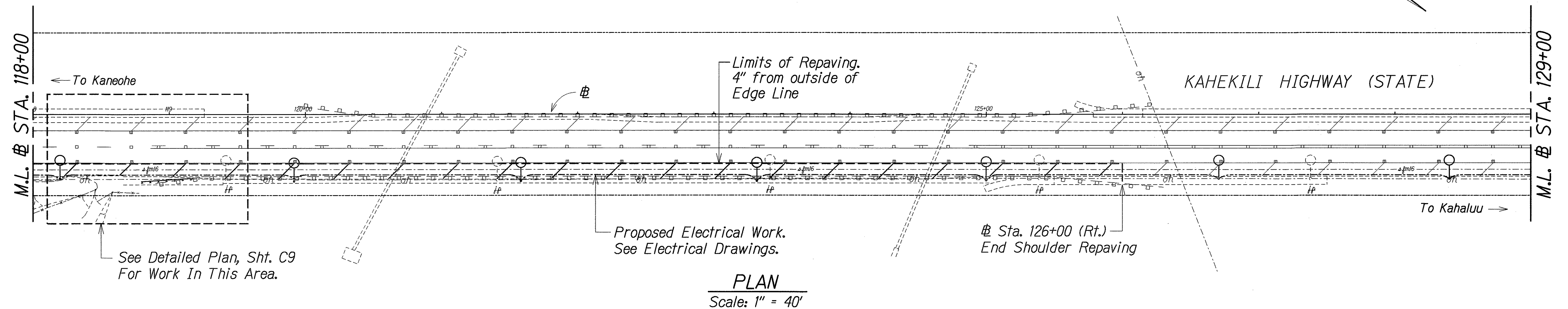
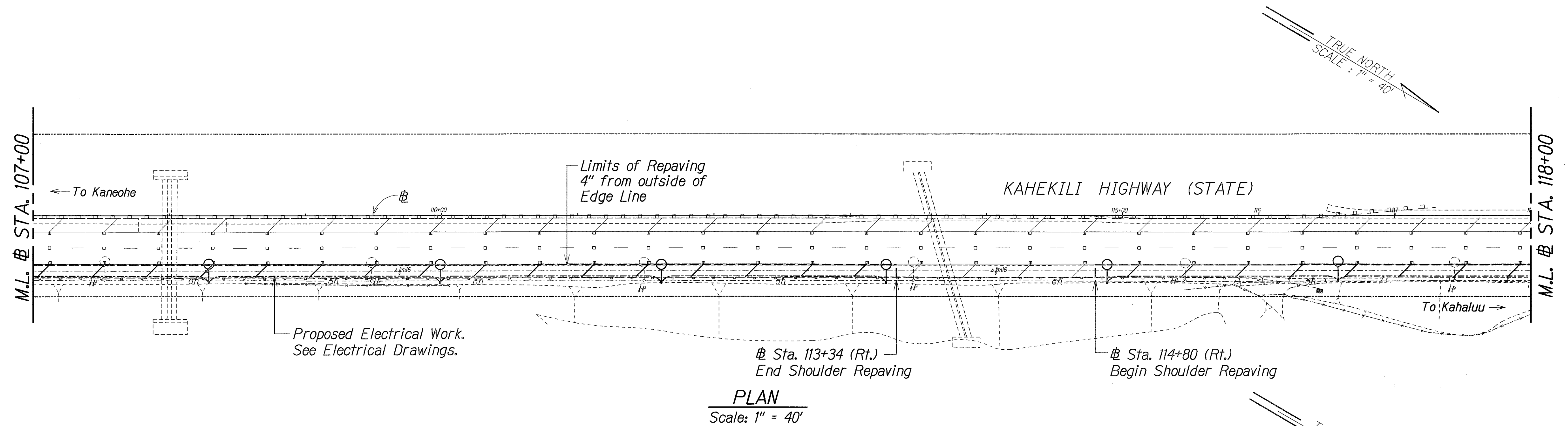
ROADWAY PLAN

KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahulimanu Place
Project No. 83F-02-00M

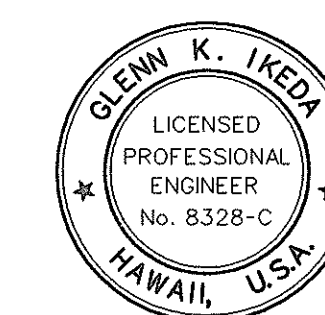
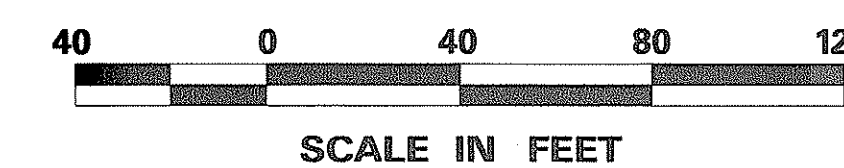
Scale: As Noted Date: Sept. 2002

SHEET No. C2 OF C9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	15	98



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
CHECKED BY	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION

Glen K. Ikeda
Glen K. Ikeda, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

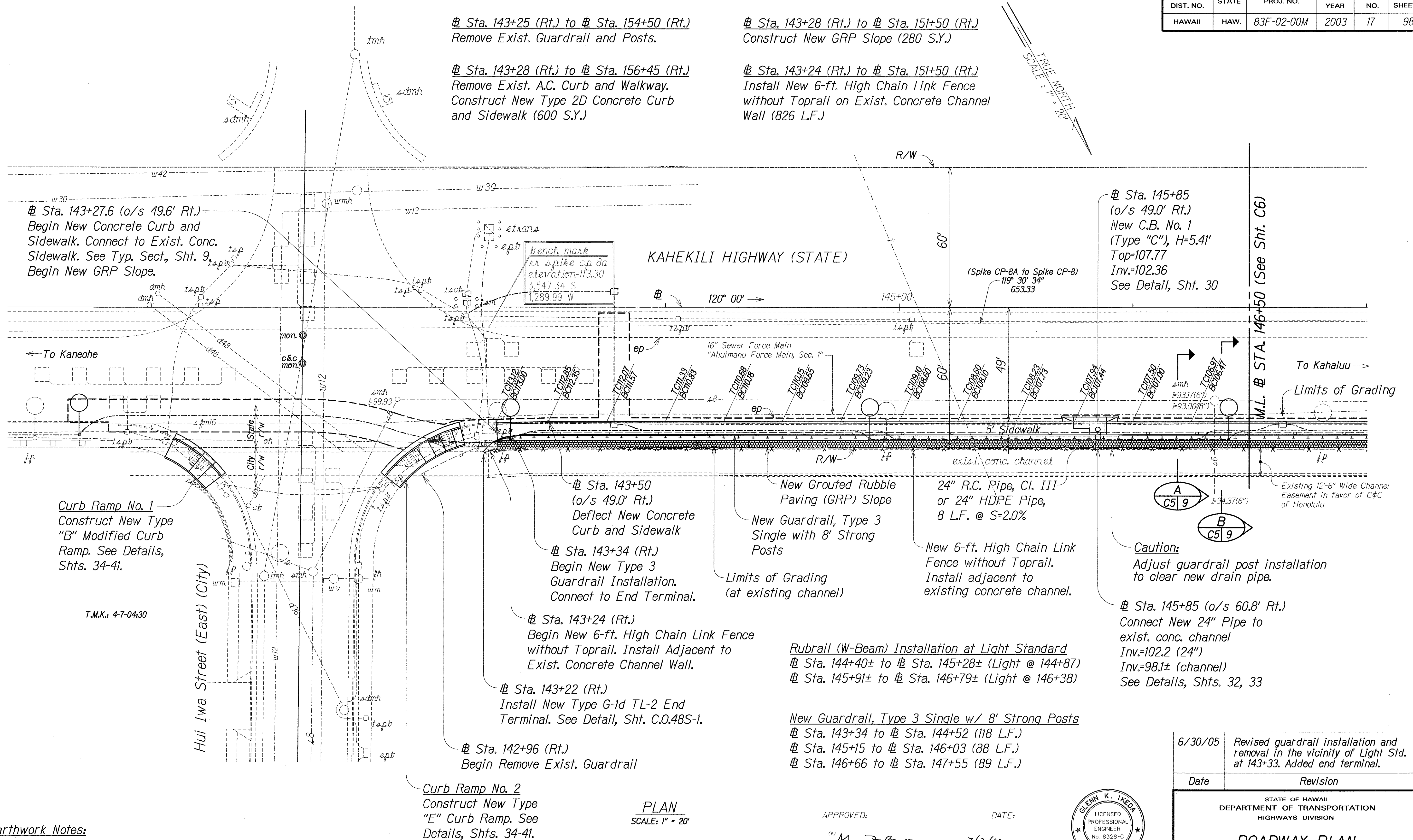
ROADWAY PLAN

KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahulimanu Place
Project No. 83F-02-00M

Scale: As Noted Date: Sept. 2002

SHEET No. C3 OF C9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2003	17	98



DATE	DESIGNED BY	CHECKED BY
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05
6/30/05	6/30/05	6/30/05



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Glenn K. Ikeda
dbs PARK ENGINEERING
LICENSE EXPIRES: 4-30-08

6/30/05	Revised guardrail installation and removal in the vicinity of Light Std. at 143+33. Added end terminal.
---------	---

Date	Revision
------	----------

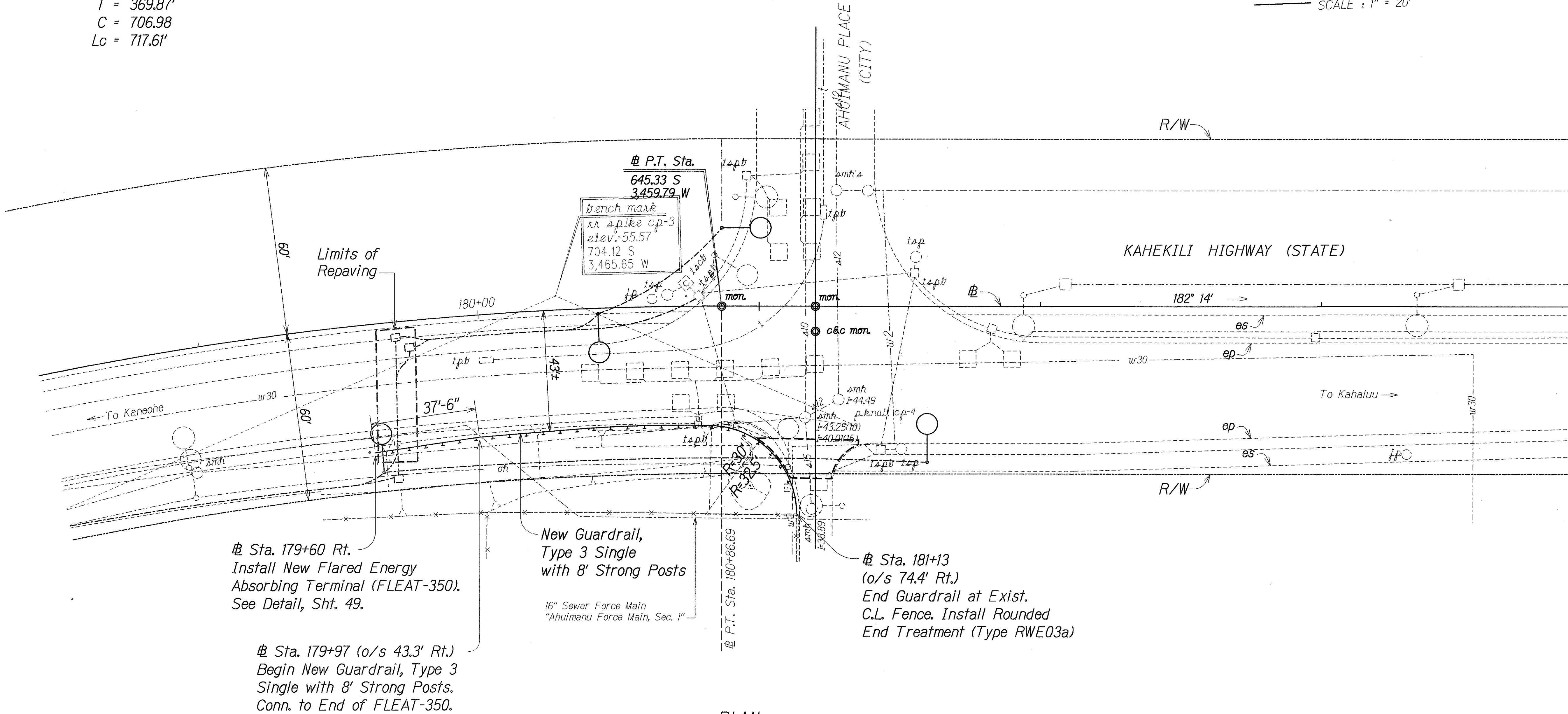
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLAN
KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS Haiku Road to Ahuimanu Place Project No. 83F-02-00M
Scale: As Noted Date: Sept. 2002
SHEET No. C5 OF C9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	20	98

Ⓢ CURVE DATA

Δ = 34° 14'
R = 1,201.05'
T = 369.87'
C = 706.98
Lc = 717.61'

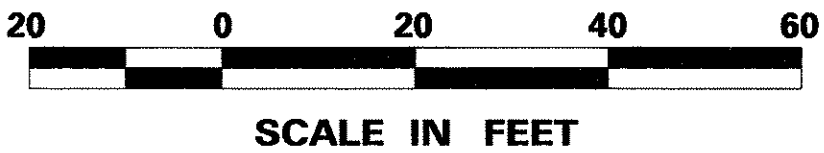
TRUE NORTH
SCALE : 1" = 20'



PLAN
SCALE: 1" = 20'

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

Ⓢ Sta. 179+97 (Rt.) to Ⓢ Sta. 181+13 (Rt.)
Install New Guardrail, Type 3 Single
with 8' Strong Posts (170 L.F.)



APPROVED: _____ DATE: 7/3/03
M. J. [Signature]
CHIEF, CIVIL ENGINEERING BRANCH, DPP
Dennis M. [Signature] 7/10/03
CHIEF, WASTEWATER BRANCH, DPP



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION
Glenn K. Ikeda
P.E., Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-04

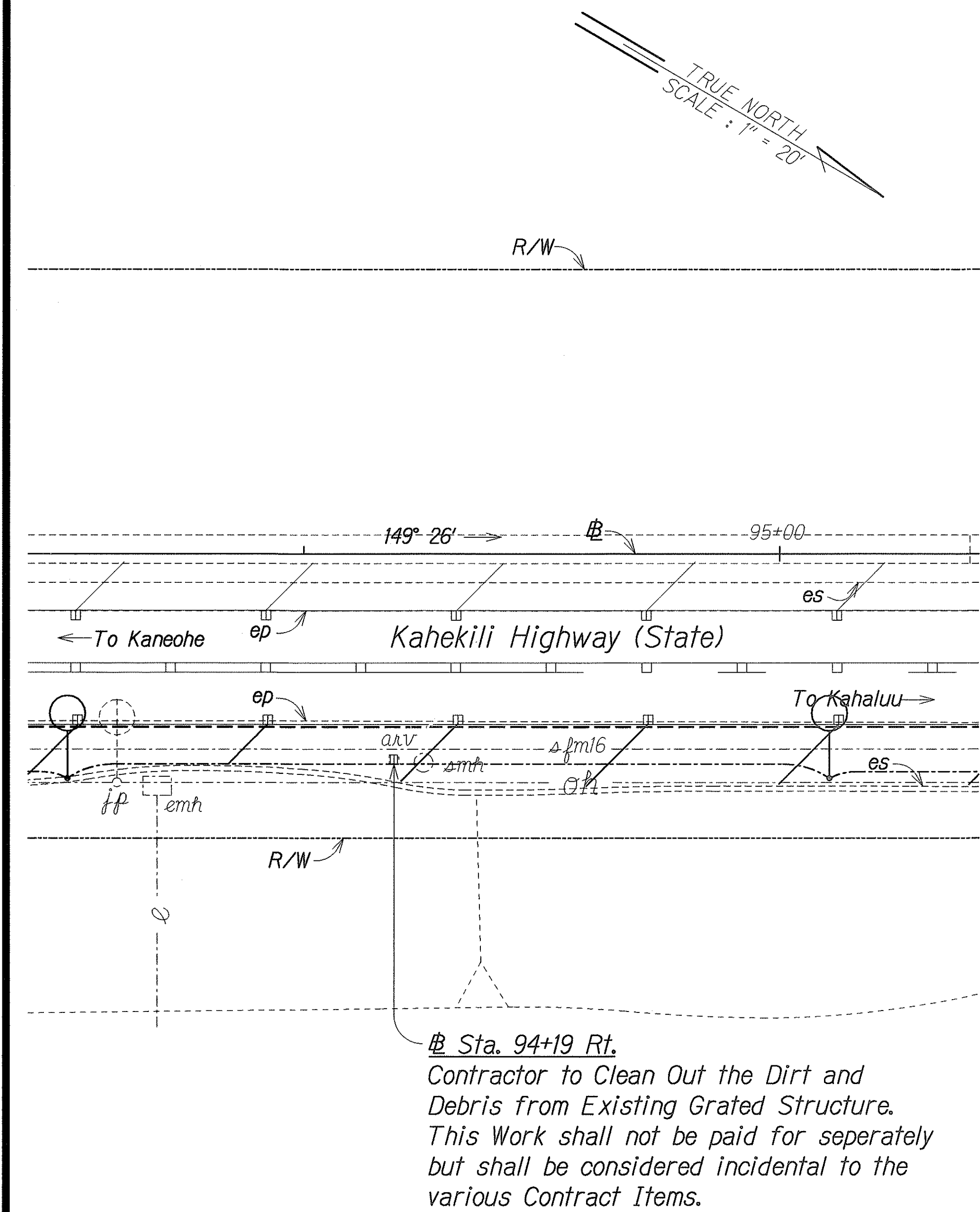
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

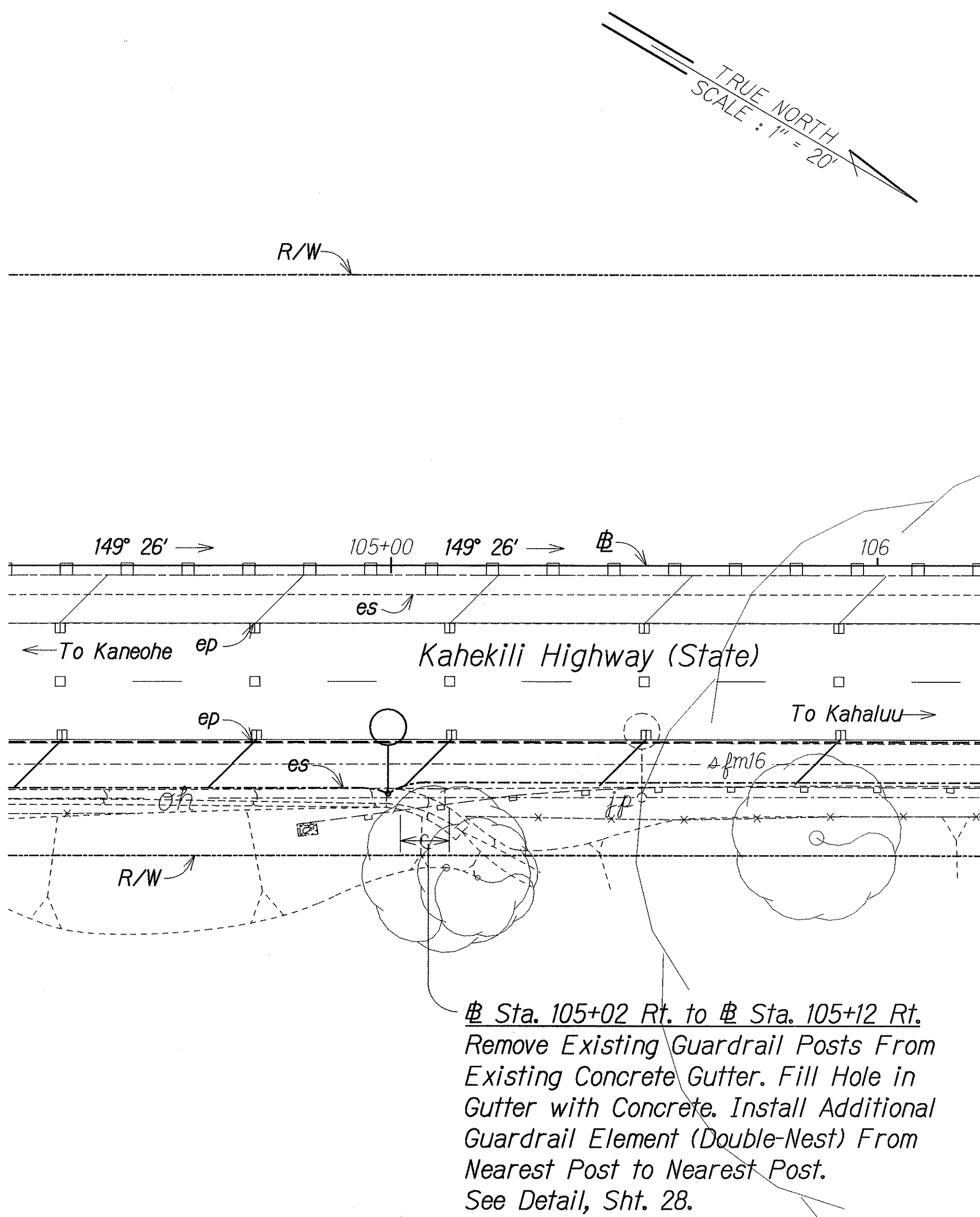
KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahuimanu Place
Project No. 83F-02-00M
Scale: As Noted Date: Sept. 2002

SHEET No. **C8** OF **C9** SHEETS

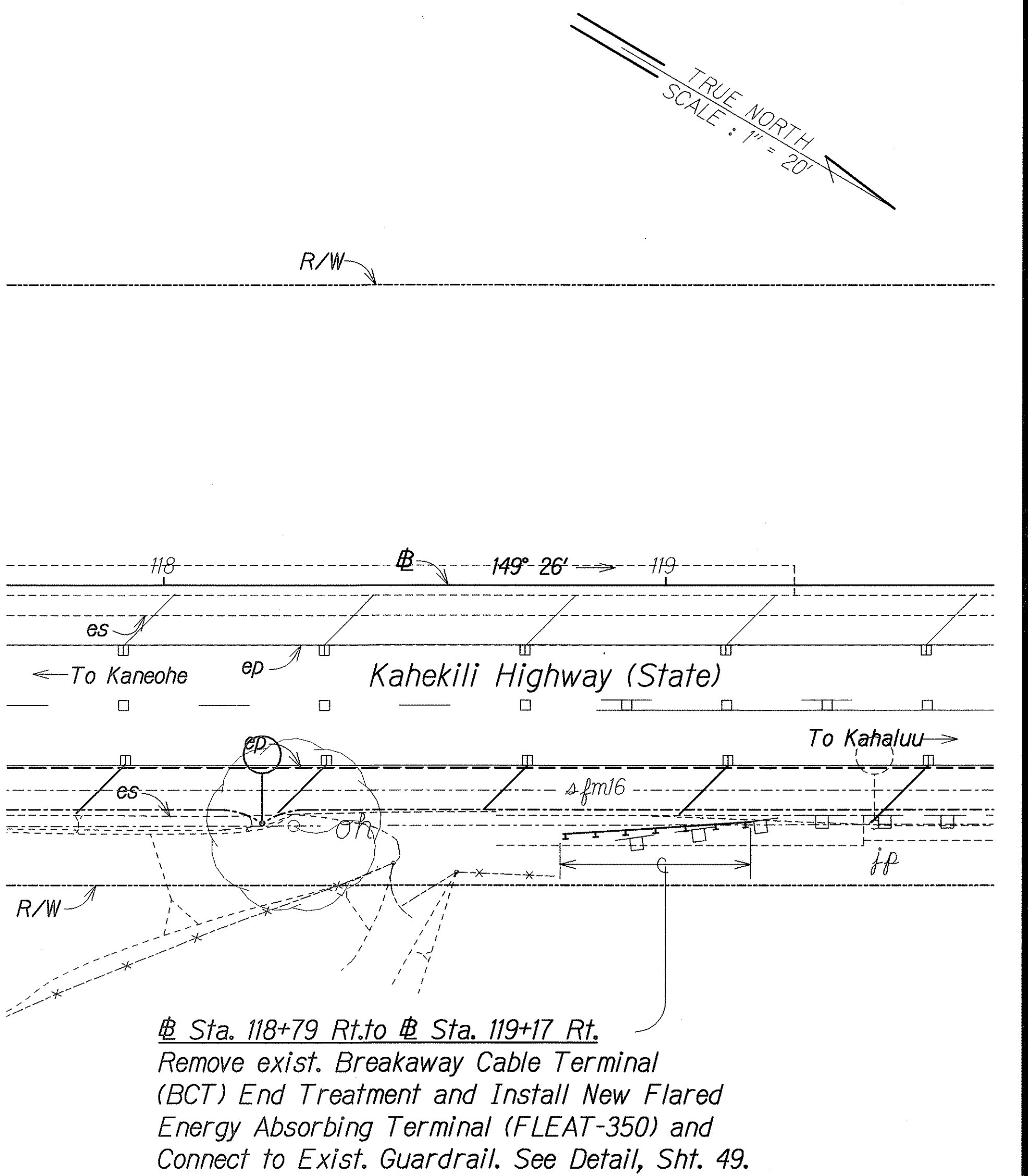
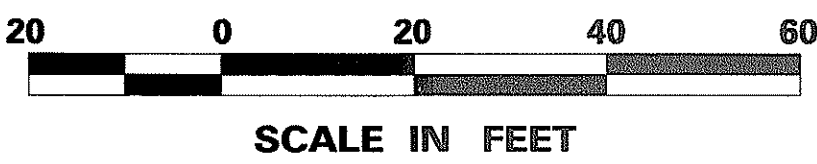
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	21	98



DETAILED PLAN-1
SCALE: 1" = 20'



DETAILED PLAN-2
SCALE: 1" = 20'



DETAILED PLAN-3
SCALE: 1" = 20'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Glenn K. Ikeda
ParEn, Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahuimanu Place
Project No. 83F-02-00M

Scale: As Noted Date: Sept. 2002

SHEET No. C9 OF C9 SHEETS

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