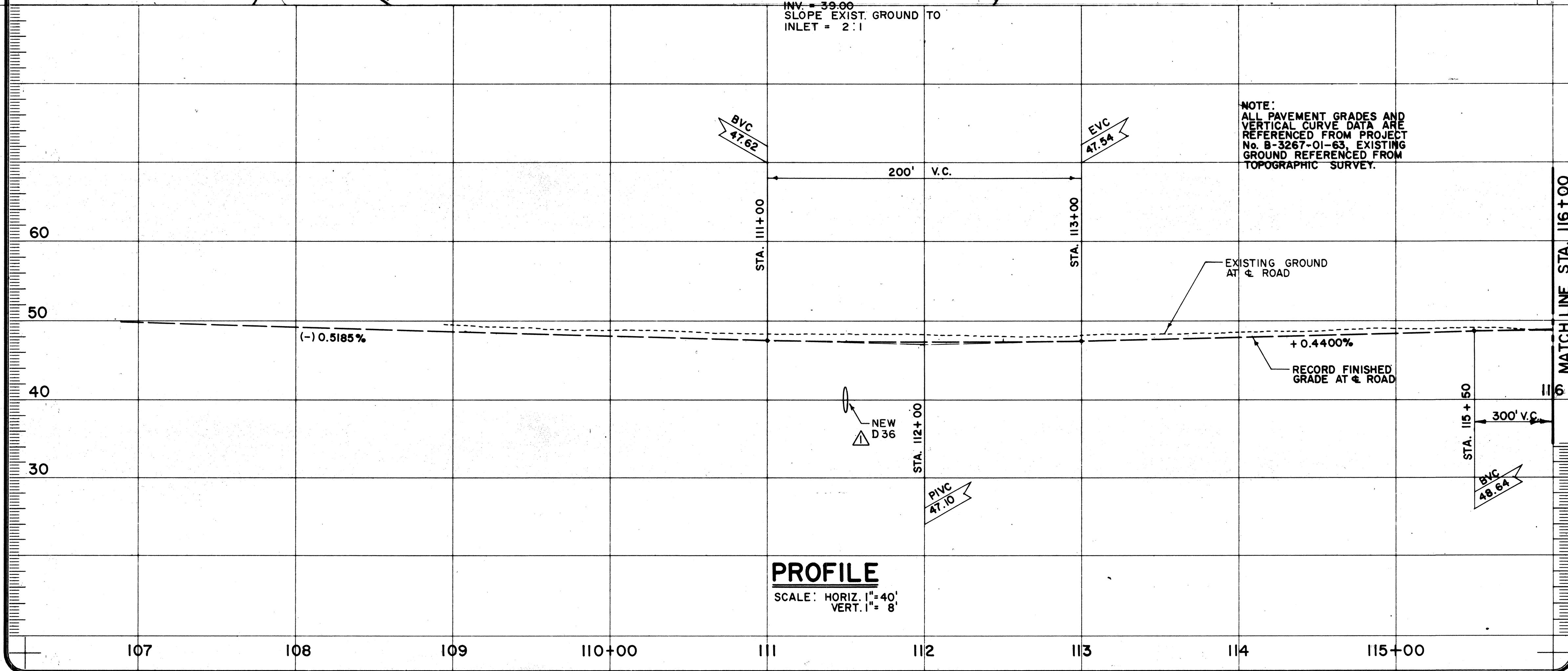
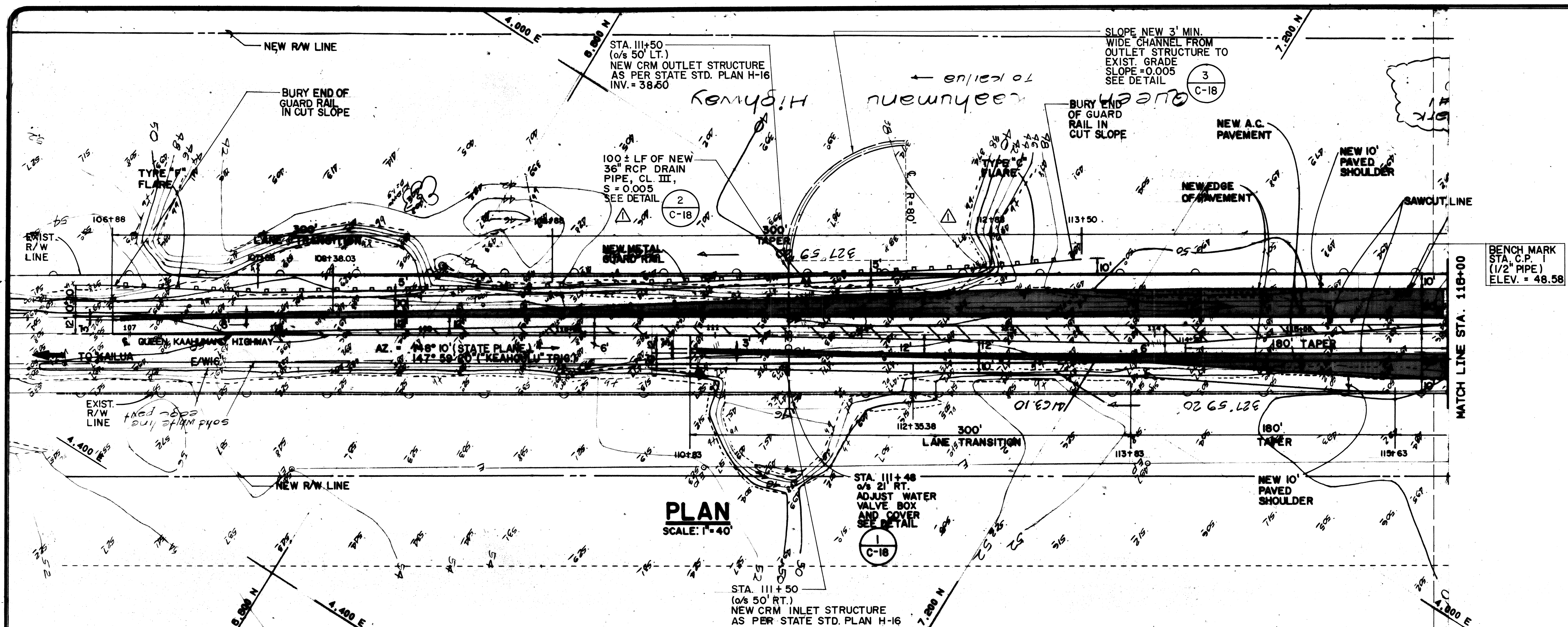




Rev	Date	Description	Eng	App
1	12/4/91	ADD CHANNEL, SHOW DRAIN LINE	CP	

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

CHELYN M. FALEH
REGISTERED
PROFESSIONAL
ENGINEER
No. 5952-C
HAWAII, U.S.A.

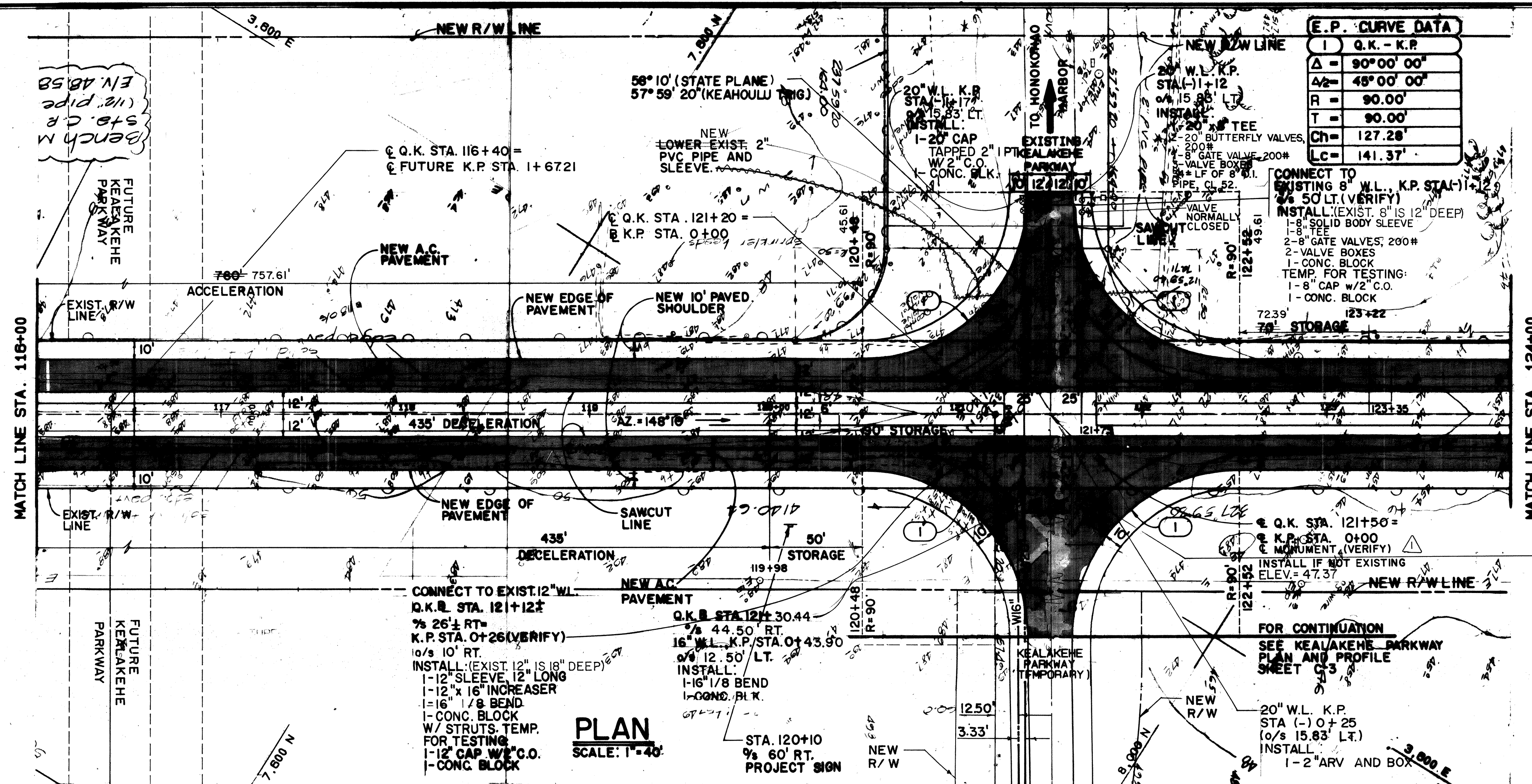
BELT COLLINS & ASSOCIATES
688 Ala Moana Boulevard Suite 200 Honolulu, Hawaii 96813
Phone: (808) 521-5361 Telex: BELTH 7438474 Fax: (808) 538-7819

Client:
**HOUSING FINANCE AND
DEVELOPMENT CORPORATION**
STATE OF HAWAII

VILLAGES OF LA'I OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

PLAN AND PROFILE
QUEEN KAAHUMANU HIGHWAY
BEGIN TO STA 116+00

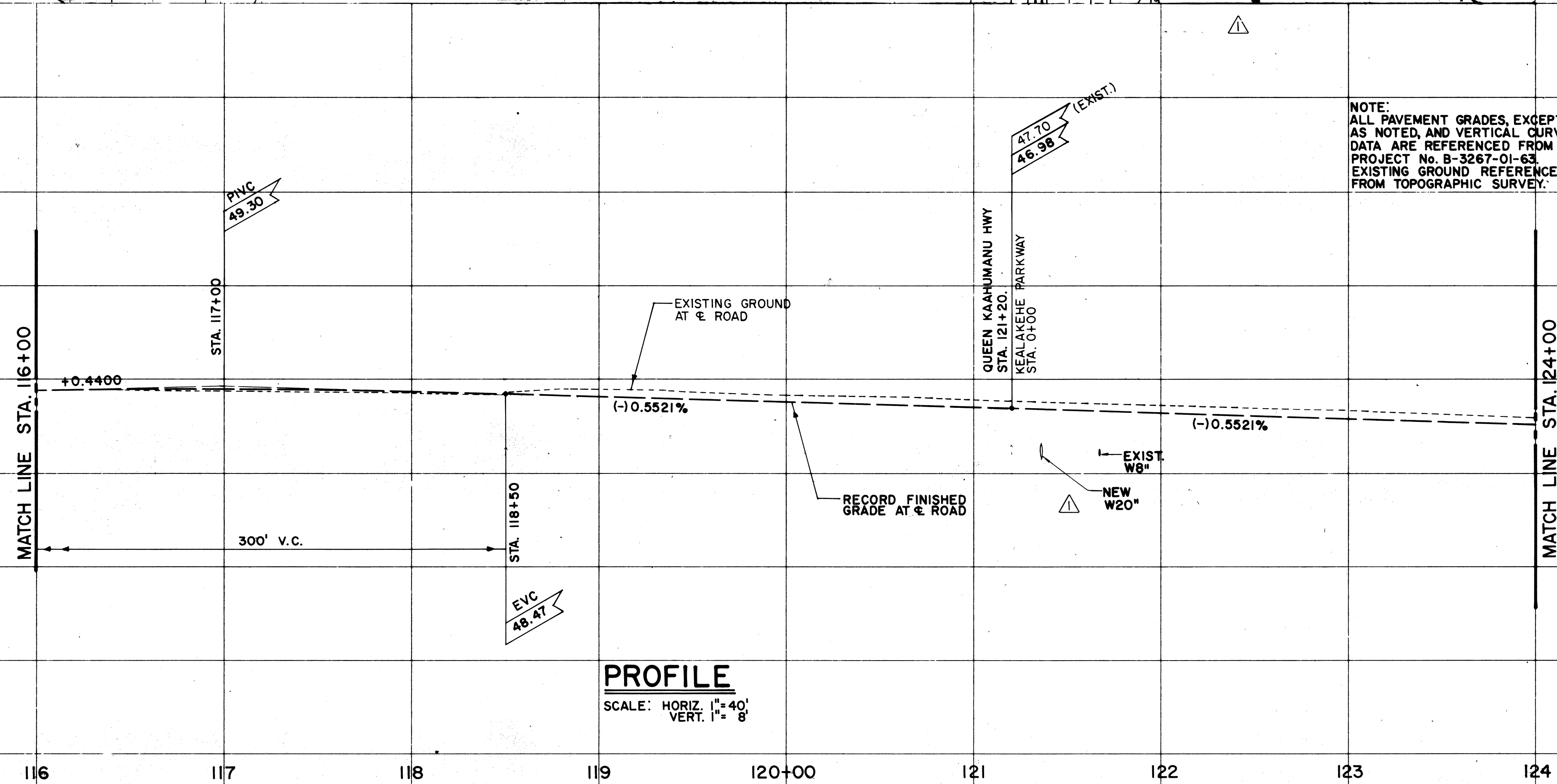
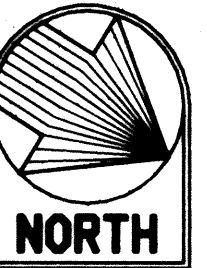
Designed by: CP, AK Date: _____
Drawn by: JHP Proj. no.: (BCA)841.0104
Approved: _____ Date: _____



STATION	O/S	ITEM	REMARKS
121+09	19' RT.	WATER VALVE	ADJUST BOX AND COVER
121+14	19' RT.	WATER VALVE	ADJUST BOX AND COVER
121+25	45' RT.	COCONUT TREE	RELOCATE TO STA. 120+50 O/S 60' RT.
121+71	19' RT.	WATER VALVE	ADJUST BOX AND COVER
121+71	61' LT.	WATER VALVE	ADJUST BOX AND COVER
121+74	50' RT.	COCONUT TREE	RELOCATE TO STA. 122+50 O/S 60' RT.
121+76	70' LT.	WATER METER	ADJUST BOX AND COVER
121+79	71' LT.	IRRIGATION CONTROL BOX	REMOVE AND RELOCATE
122+54	20' RT.	MANHOLE	ADJUST TOP
122+85	27' LT.	HTCO HANDHOLE	REMOVE
122+85	31' LT.	HELCO MANHOLE	ADJUST TOP

NOTE: FOR METER, VALVE, OR MANHOLE COVER ADJUSTMENT SEE DETAIL 1
C-18

NOTE: FOR NEW WATER LINE PROFILE, SEE SHEET C-18.
FOR WATER LINE TRENCH DETAIL SEE 2
C-18



NOTE: ALL PAVEMENT GRADES, EXCEPT AS NOTED, AND VERTICAL CURVE DATA ARE REFERENCED FROM PROJECT No. B-3267-01-63. EXISTING GROUND REFERENCED FROM TOPOGRAPHIC SURVEY.

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STATE OF HAWAII

VILLAGES OF LA'I'OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

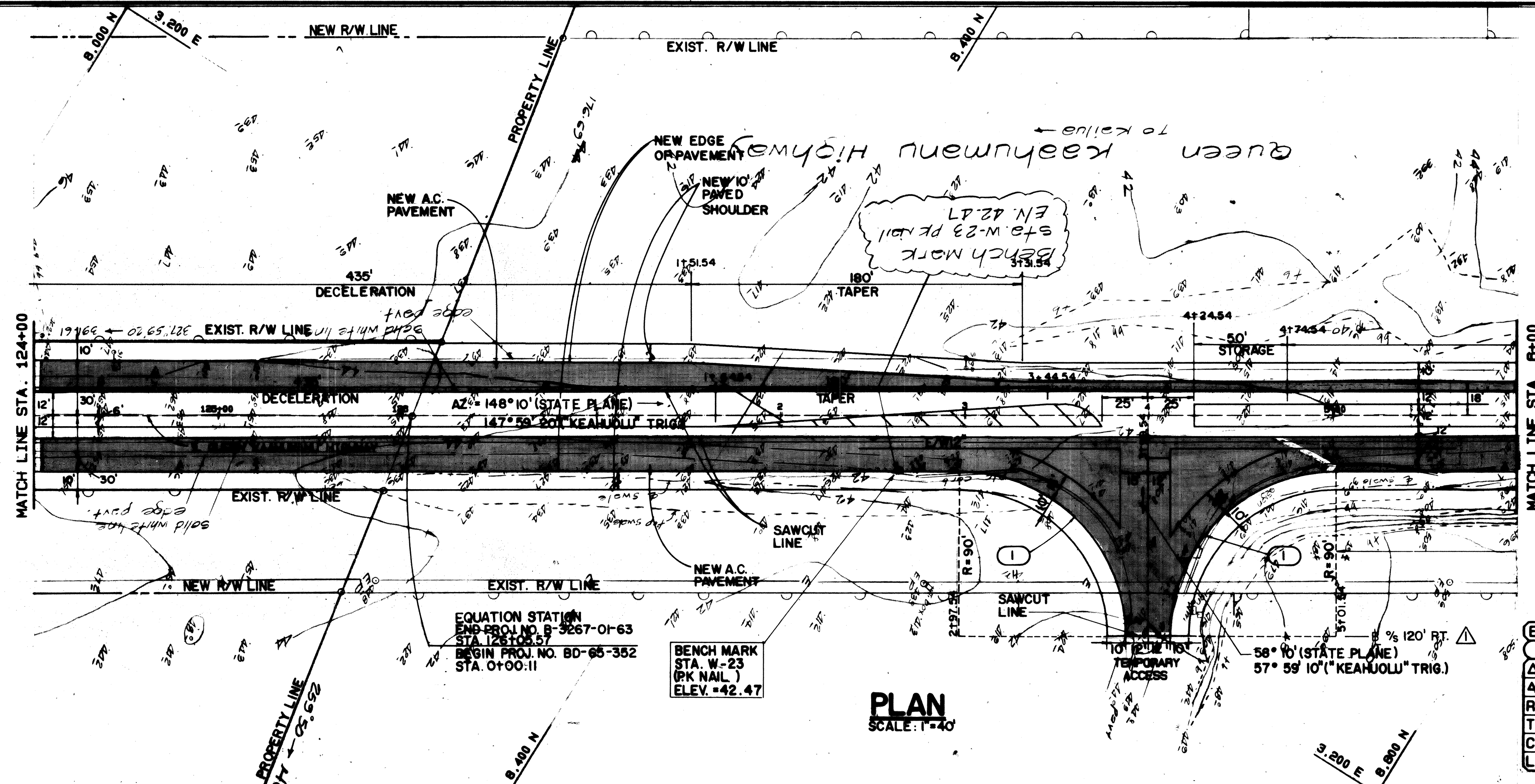
PLAN AND PROFILE
STA 116+00 TO STA 124+00

Designed by: **JHP** Date: **12/4/91**
Drawn by: **JHP** Proj. no.: **(BCA)B41.0104**

Approved: _____ Date: _____

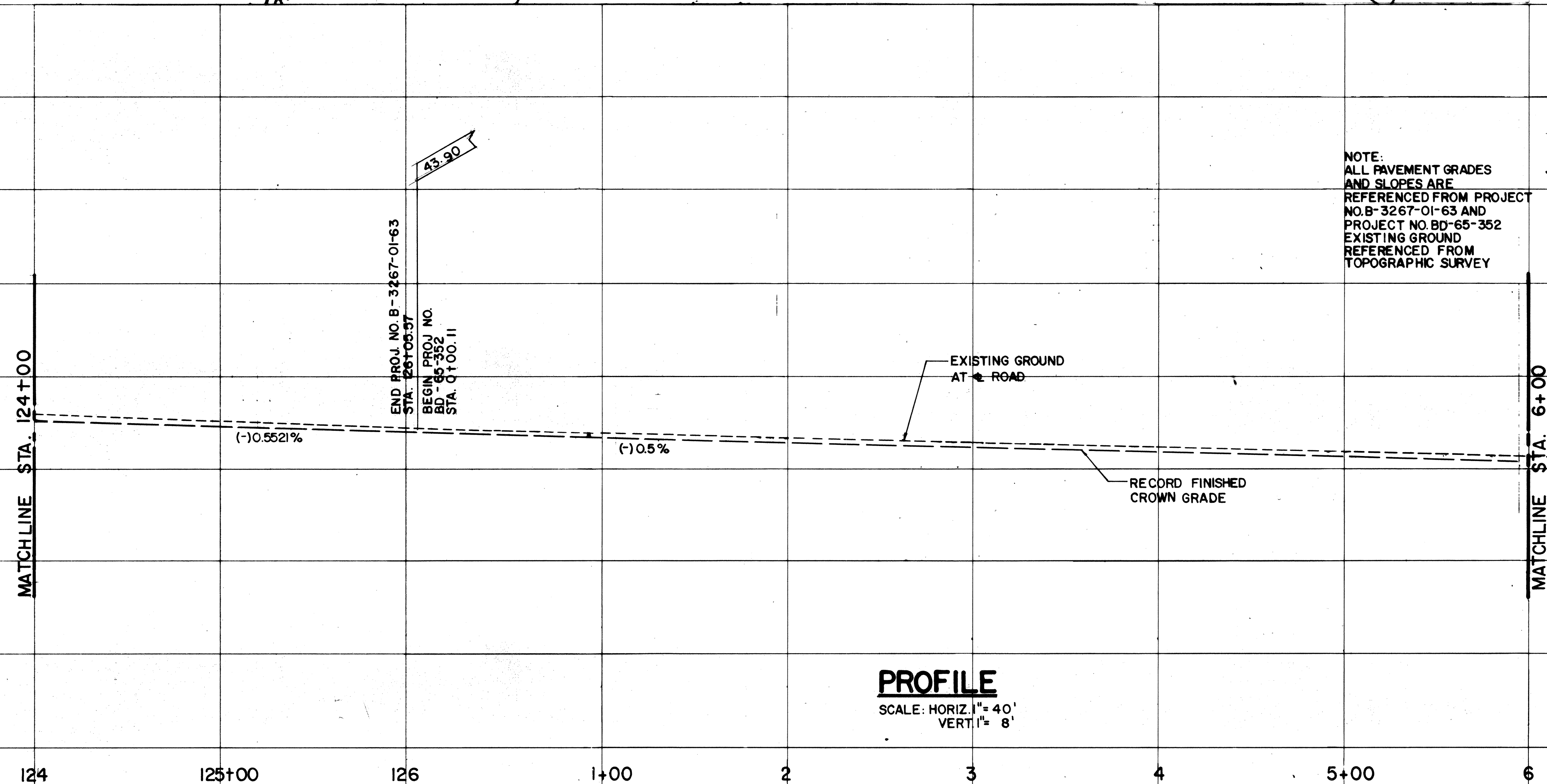
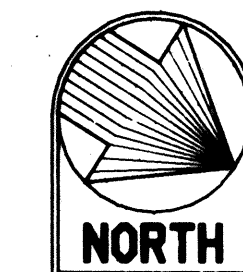
Rev	Date	Description	Eng	App
1	12/4/91	REVISE WATERLINE LAYOUT, ADD MONUMENT NOTE	CP	

CHERYL M. FAIRER
REGISTERED PROFESSIONAL ENGINEER
No. 5952-C
HAWAII, U.S.A.



E.P. CURVE DATA	
1	Q.K. - T.A.
Δ	90°00'00"
Δ_2	45°00'00"
R	90.00'
T	90.00'
Ch	127.28'
Lc	141.37'

PLAN
SCALE: 1"=40'

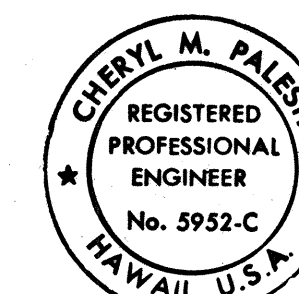


PROFILE
SCALE: HORIZ. 1"=40'
VERT. 8"=8'

NOTE:
ALL PAVEMENT GRADES
AND SLOPES ARE
REFERENCED FROM PROJECT
NO. B-3267-01-63 AND
PROJECT NO. BD-65-352
EXISTING GROUND
REFERENCED FROM
TOPOGRAPHIC SURVEY

Rev	Date	Description	Eng	App
1	12/4/91	ADD DIMENSION	CP	

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



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Client:
**HOUSING FINANCE AND
DEVELOPMENT CORPORATION**
STATE OF HAWAII

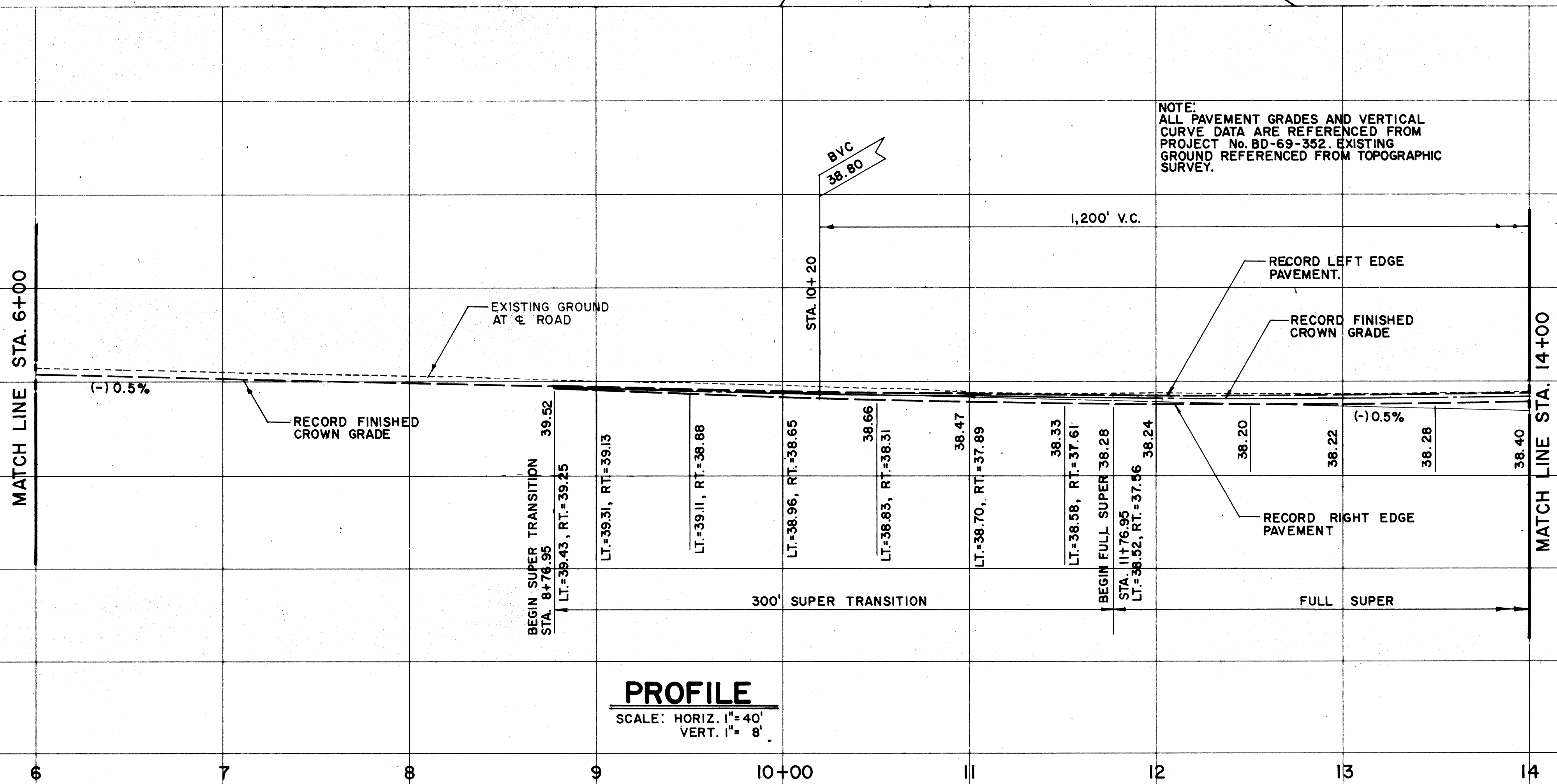
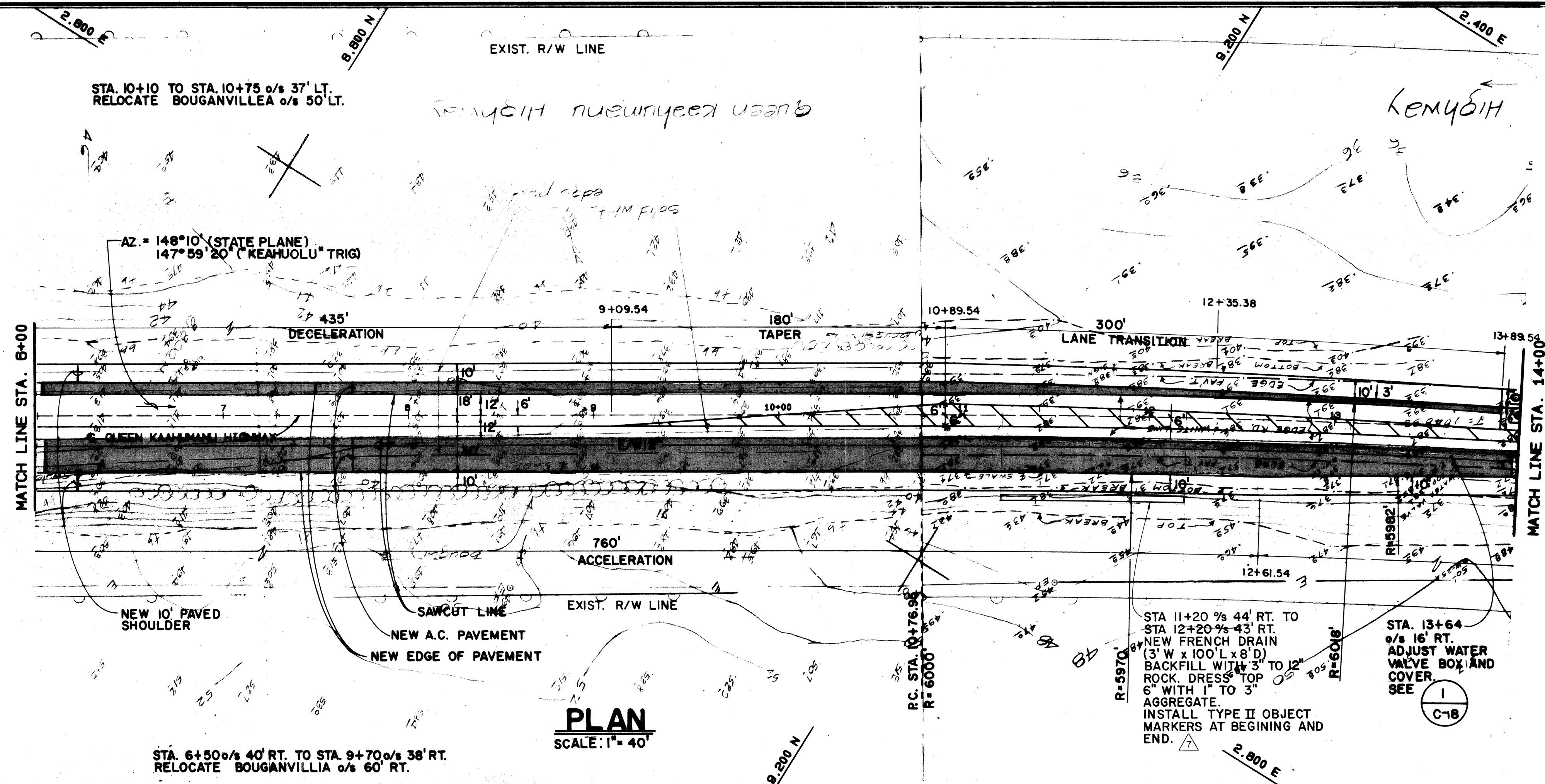
VILLAGES OF LA'I'OPUA
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

PLAN AND PROFILE
QUEEN KAAHUMANU HIGHWAY
STA 124+00 TO STA 6+00

Designed by: **CP, AK** Date: _____
Drawn by: **JHP** Proj. no.: **(BCA) 841.0104**

Approved: _____ Date: _____

Date: _____ Date: _____



Rev	Date	Description	Eng	App
1		ADD FRENCH DRAIN PER DOT	AK	

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

CERYL M. PALES
REGISTERED PROFESSIONAL ENGINEER
No. 5952-C
HAWAII, U.S.A.

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688 Ala Moana Boulevard Suite 200 Honolulu, Hawaii 96813
Phone: (808) 521-5361 Telex: BELTH 7438474 Fax: (808) 538-7819

Client: **HOUSING FINANCE AND DEVELOPMENT CORPORATION**
STATE OF HAWAII

Project: **VILLAGES OF LA'I'OPUA**
MAUKA-MAKAI ROADWAY IMPROVEMENTS
PHASE-1

Plan and Profile
QUEEN KAAHUMANU HIGHWAY
STA 6+00 TO STA 14+00

Designed by: CP, AK Date: _____
Drawn by: JHP Date: _____
Approved: _____
Date: _____

Proj. no.: (BCA) 841.0104

