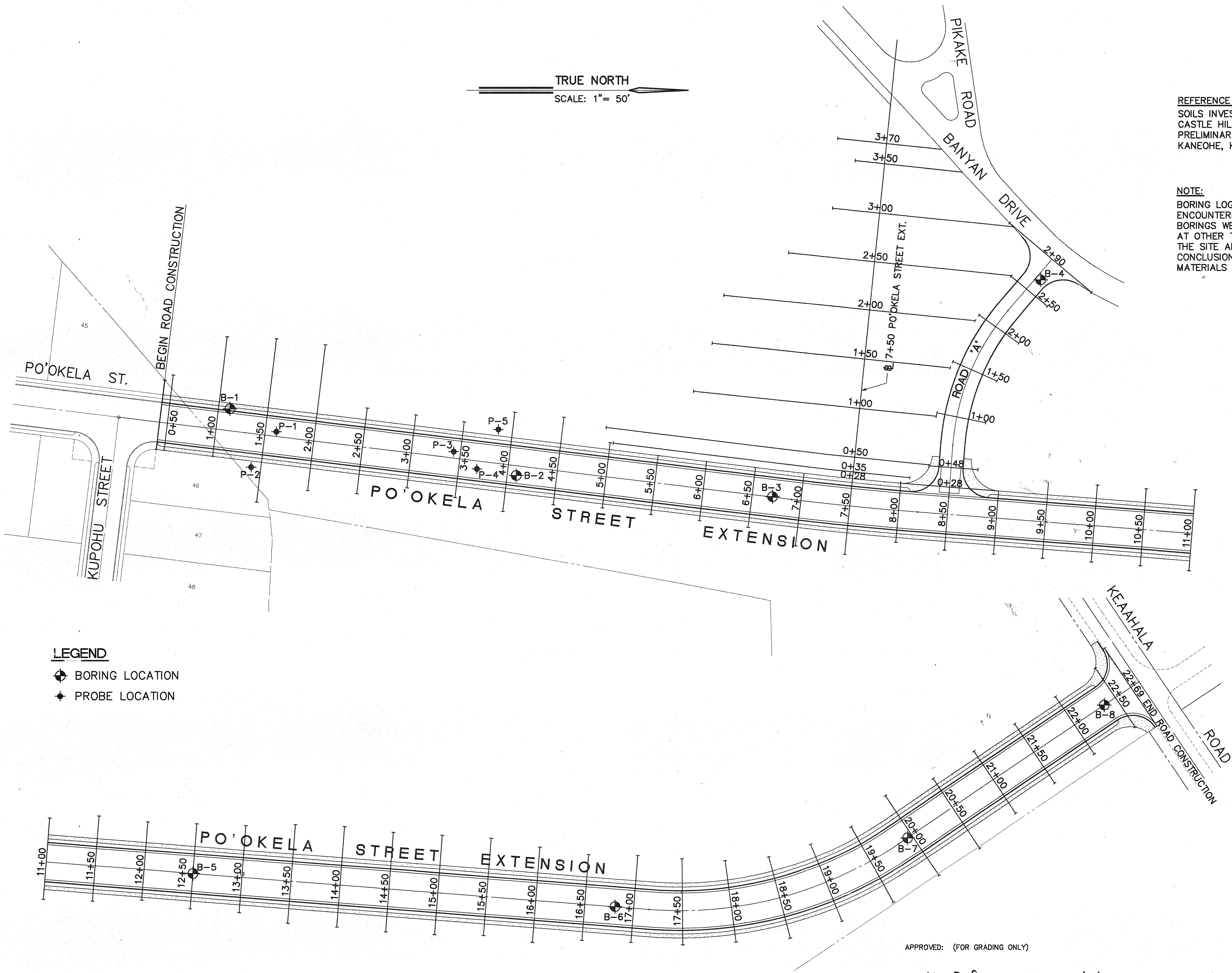


FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	26	49

REFERENCE
SOILS INVESTIGATION
CASTLE HILLS ACCESS ROAD
PRELIMINARY SOIL REPORT
KANEHOE, KOOLAUPOKO, OAHU, HAWAII

NOTE:
BORING LOGS INDICATE THE APPROXIMATE SOIL CONDITIONS ENCOUNTERED ONLY AT THOSE TIMES AND LOCATIONS WHERE BORINGS WERE MADE AND MAY NOT REPRESENT CONDITIONS AT OTHER TIMES AND LOCATIONS. BIDDERS SHALL EXAMINE THE SITE AND THE BORING DATA AND DRAW THEIR OWN CONCLUSIONS THEREFROM AS TO THE CHARACTERISTIC OF MATERIALS TO BE ENCOUNTERED.

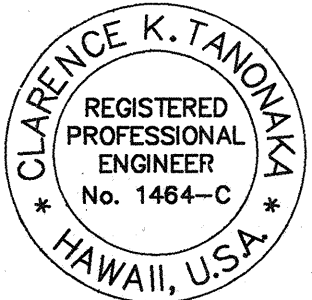


LEGEND
● BORING LOCATION
• PROBE LOCATION

APPROVED: (FOR GRADING ONLY)

M. Fukagawa
CHIEF, DIVISION OF ENGINEERING, D.P.W.

11/8/91
DATE



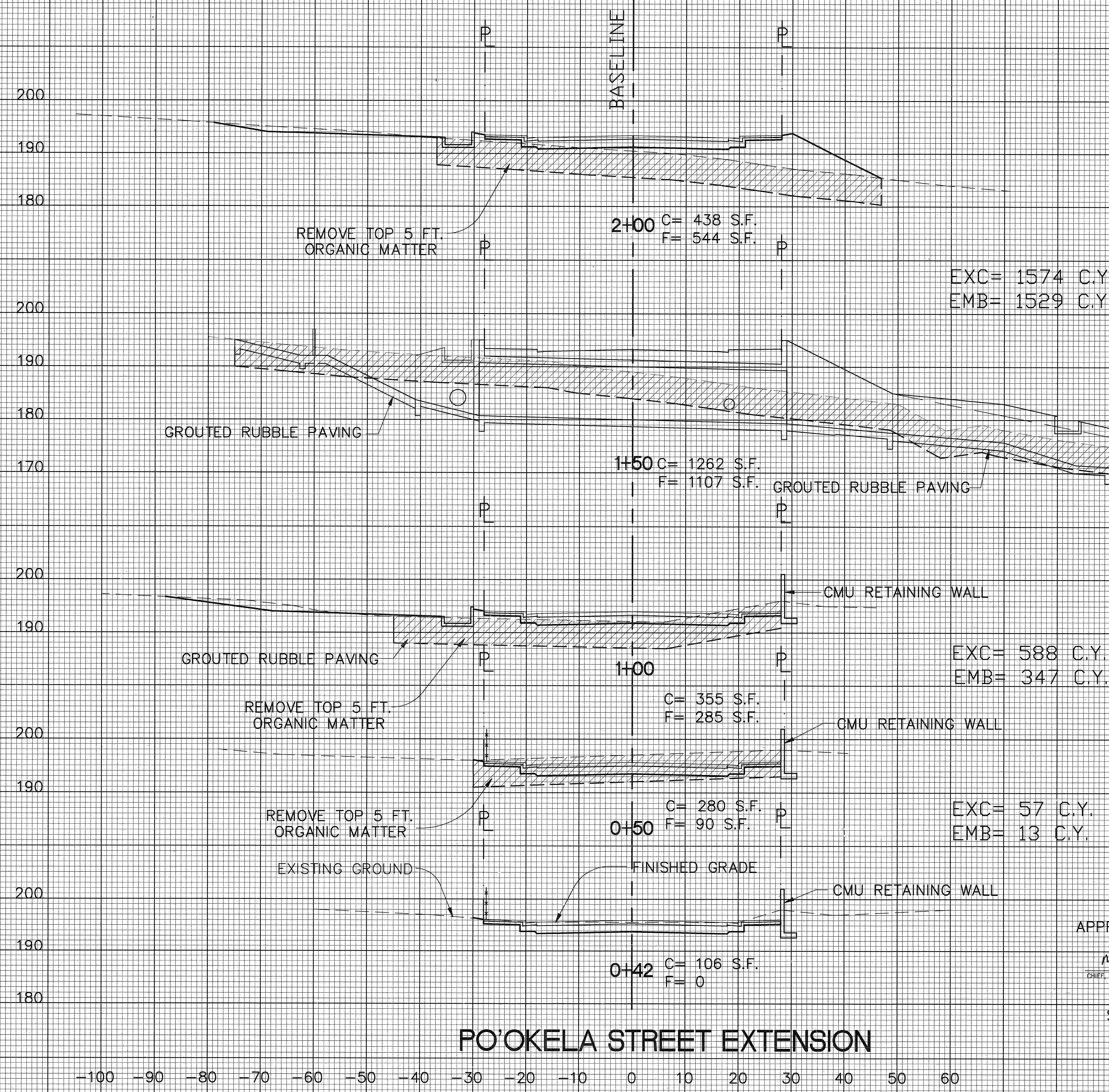
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OR UNDER MY SUPERVISION
Per Engr. (Inc.)
dbs PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTION KEY MAP
AND
BORING LOCATIONS
CASTLE HILLS ACCESS ROAD
PROJ. NO. HWY-0-05-91

SCALE: AS SHOWN
DATE: MARCH, 1991
SHEET No. 1 OF 1 SHEETS

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	27	49



PO'OKELA STREET EXTENSION

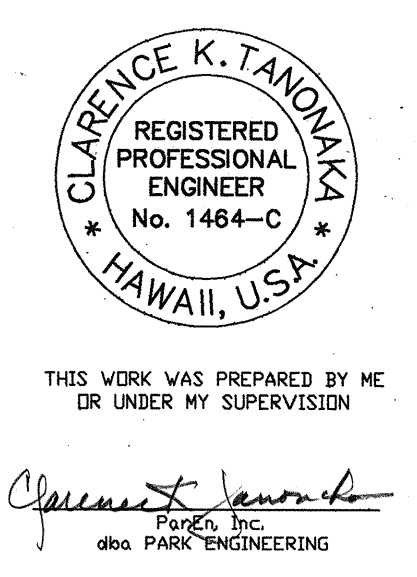
APPROVED: (FOR GRADING ONLY)

M. J. J. J.
CHIEF, DIV. OF ENGINEERING D.P.W.

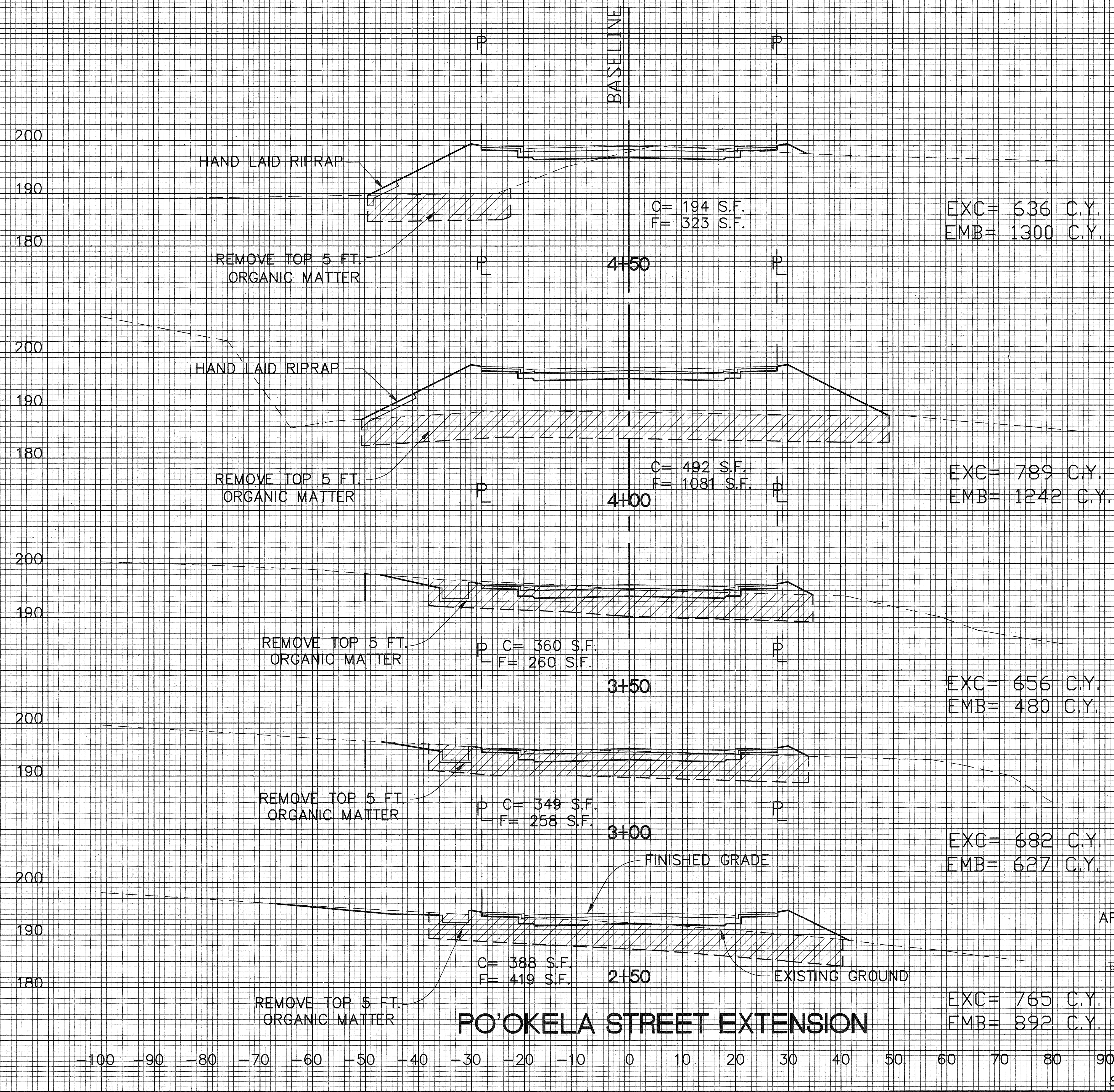
11/2/91
DATE

SCALE: HORIZ. 1" = 10'
VERT. 1" = 10'

SHEET No. 1 OF 9 SHEETS



FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	28	49



APPROVED: (FOR GRADING ONLY)

M. F. [Signature]
CHIEF, DIV. OF ENGINEERING, D.E.W.

11/2/91
DATE

SCALE: HORIZ. 1" = 10'
VERT. 1" = 10'

SHEET No. 2 OF 9 SHEETS

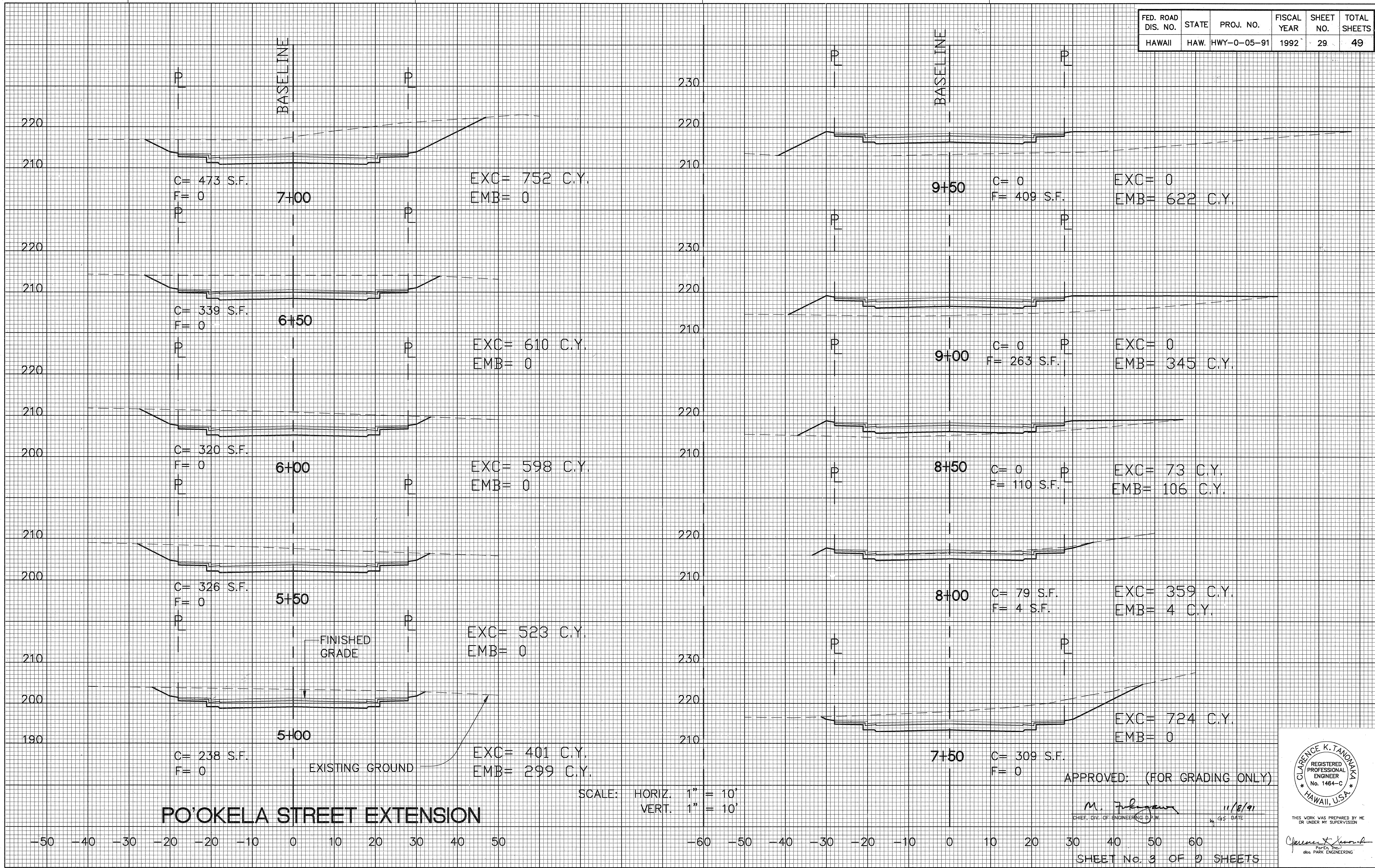


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Clarence K. Tandon
P.O. Box 1111
Honolulu, HI 96808
P.O. Box 1111
Honolulu, HI 96808

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
PLAN	
SECTION	
NO.	

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	29	49



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NO.	

APPROVED: (FOR GRADING ONLY)

M. F. [Signature]
CHIEF, DIV. OF ENGINEERING D.P.W.

11/8/91
DATE



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[Signature]
PAPER ENGINEERING
dbs. PARK ENGINEERING

SHEET No. 3 OF 9 SHEETS

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	30	49



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SURVEY PLOTTED BY	DATE
DESIGNED BY	10/01/91
NOTED BY	
CHECKED BY	

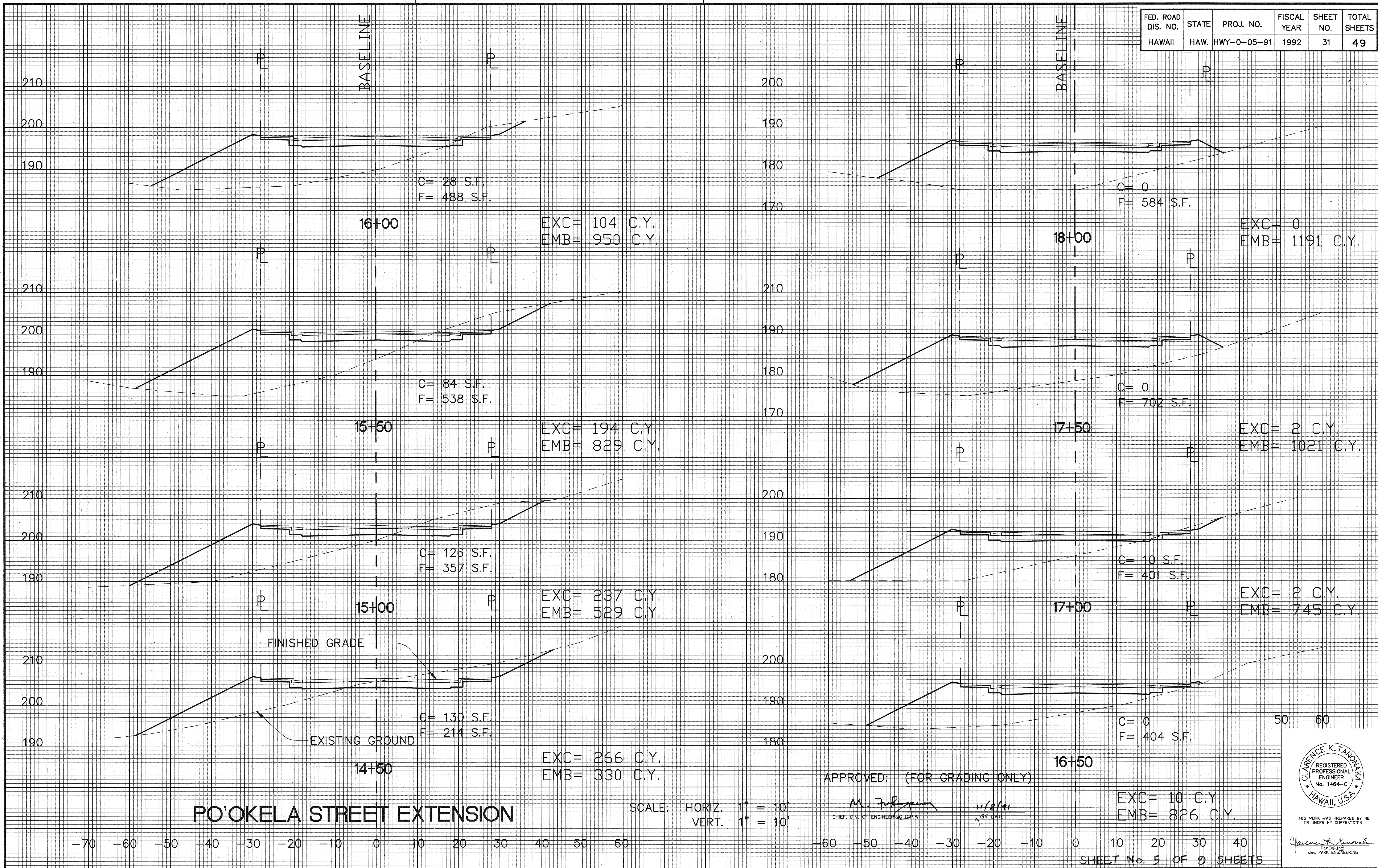
CLARENCE K. TANDON
REGISTERED PROFESSIONAL ENGINEER
No. 1464-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Clarence K. Tandon
P.O. Box 100
Old Park Engineering

DATE	10/01/91
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	31	49

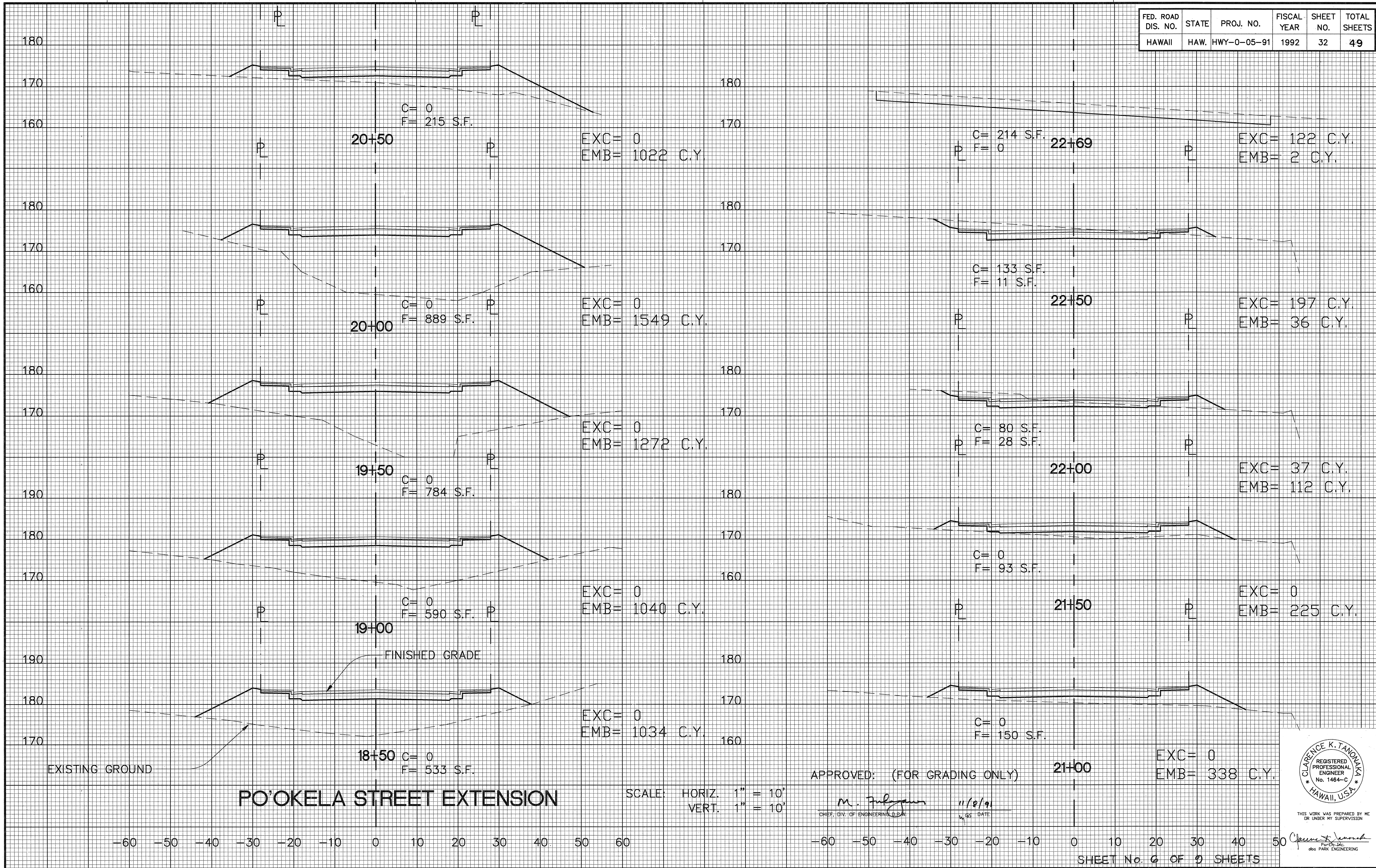


CLARENCE K. TANDAKA
REGISTERED PROFESSIONAL ENGINEER
No. 1464-C
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Clarence K. Tandaka
PAPER-100
also PARK ENGINEERING

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	32	49



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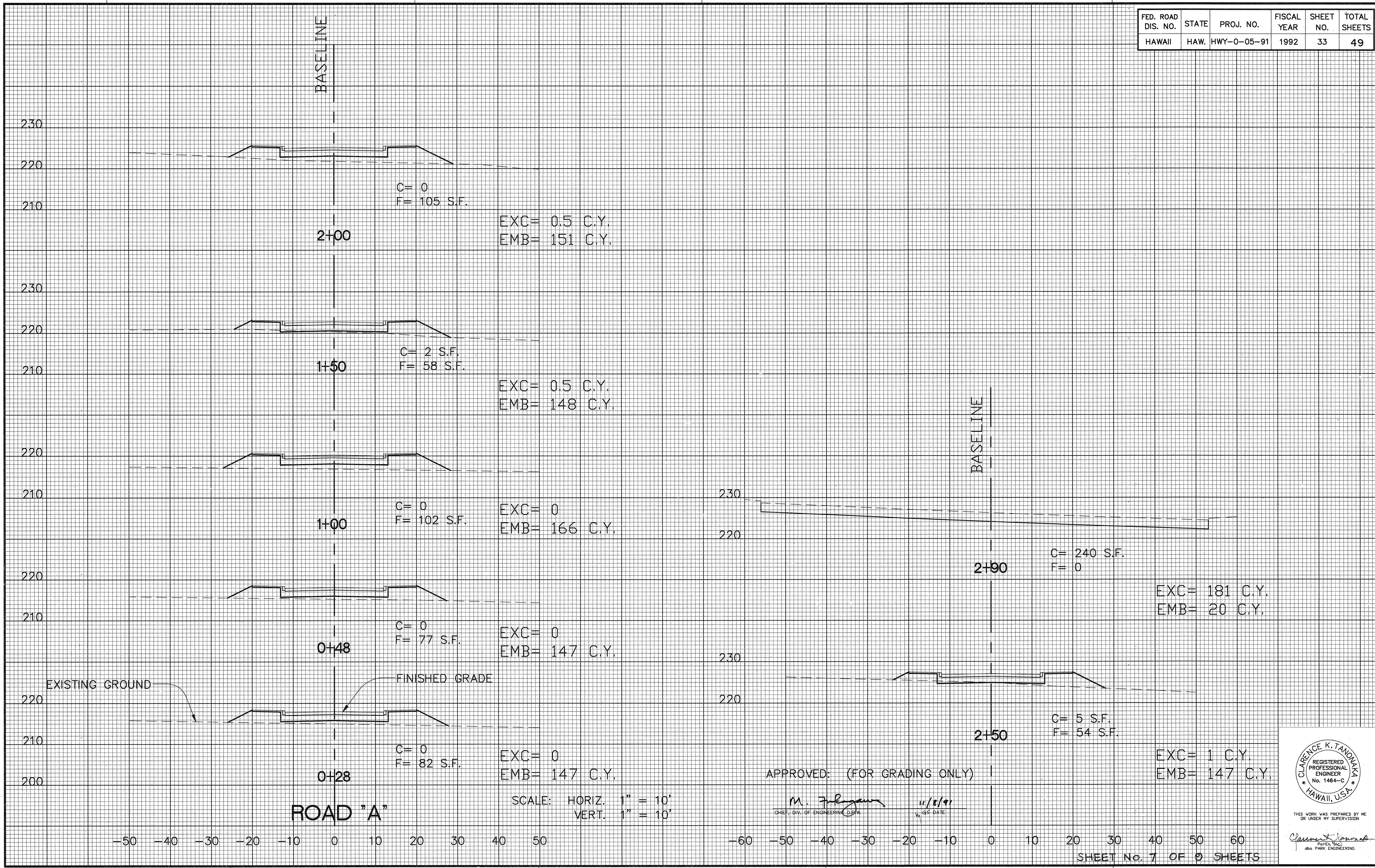
SURVEY PLATTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

CLARENCE K. TANDON
REGISTERED PROFESSIONAL ENGINEER
No. 1464-C
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Clarence K. Tandon
dbs PARK ENGINEERING

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	33	49



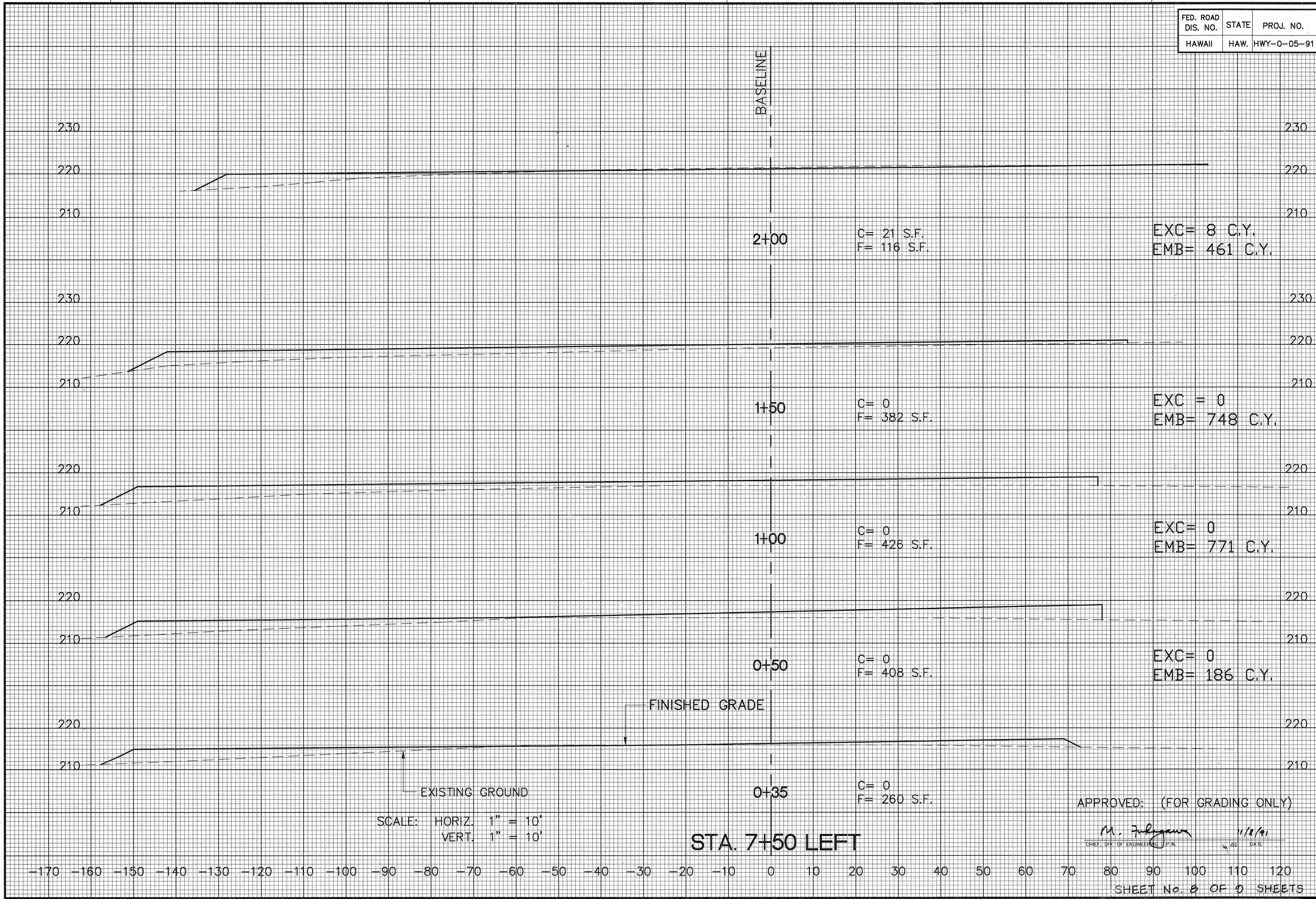
DATE	_____
SURVEY PLANNED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NO. _____	_____

CLARENCE K. TANOMAKI
REGISTERED PROFESSIONAL ENGINEER
No. 1464-C
HAWAII, U.S.A.

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CLARENCE K. TANOMAKI
P.E., INC.
also P.A.C. ENGINEERING

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	34	49



D:\CAS151\SECT750A 10/01/91

DATE: 10/01/91

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

NOTED BY: [Signature]

QUANTITIES BY: [Signature]

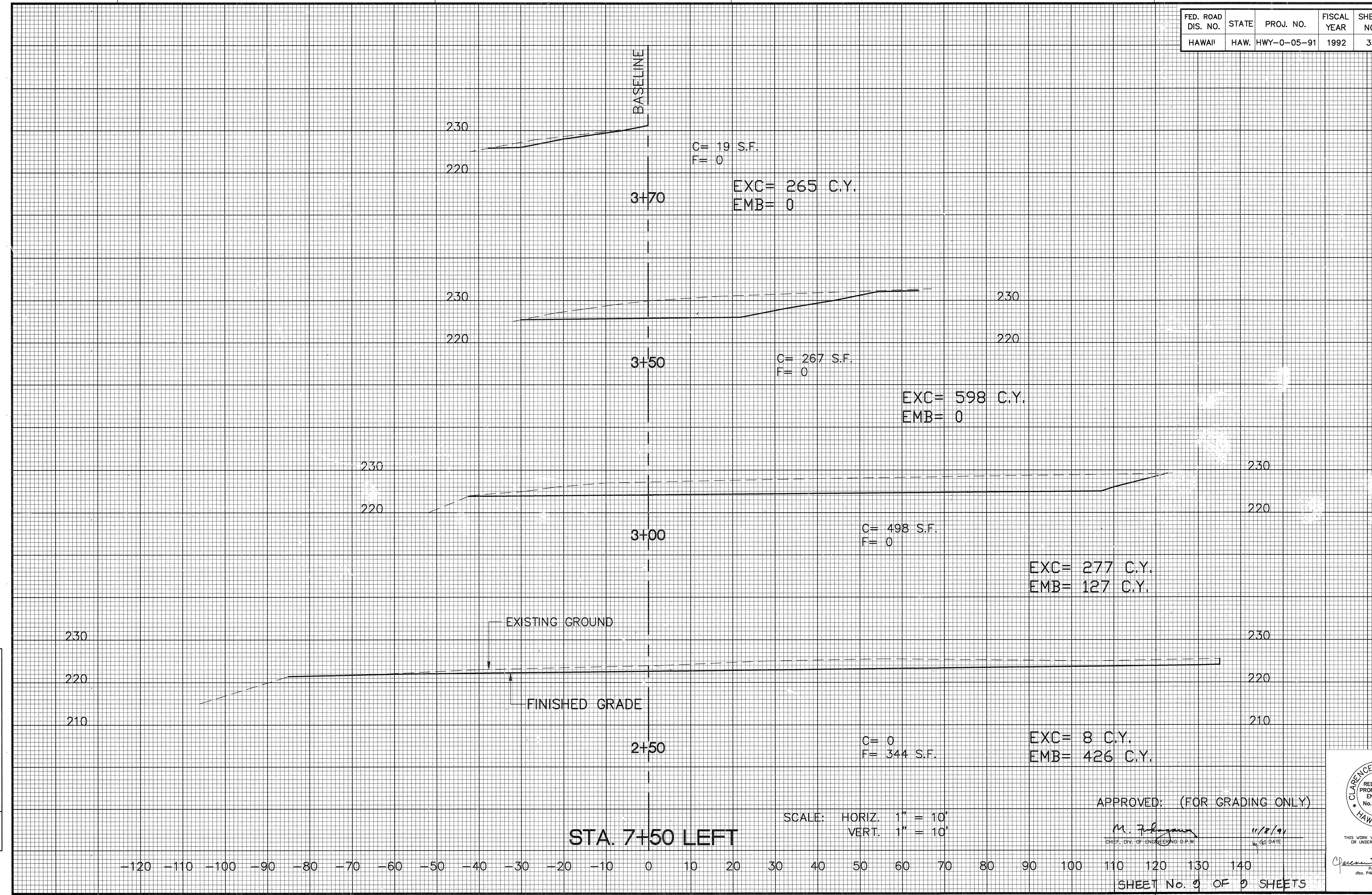
NO. []

CLARENCE K. TANDON, JR.
REGISTERED PROFESSIONAL ENGINEER
No. 1464-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

CLARENCE K. TANDON, JR.
P.E., INC.
dba PARK ENGINEERING

FED. ROAD DIS. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-91	1992	35	49



D:\CAS151\SECT750B 10/01/91

DATE: _____
DESIGNED BY: _____
CHECKED BY: _____
NOTED BY: _____
QUANTITIES BY: _____