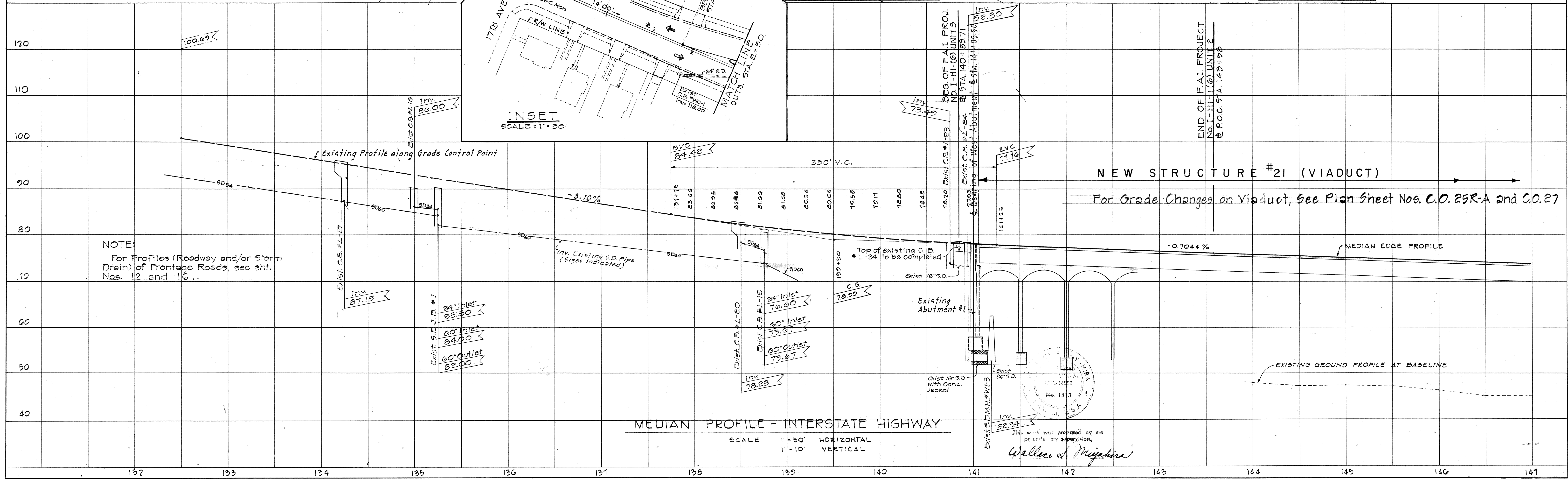
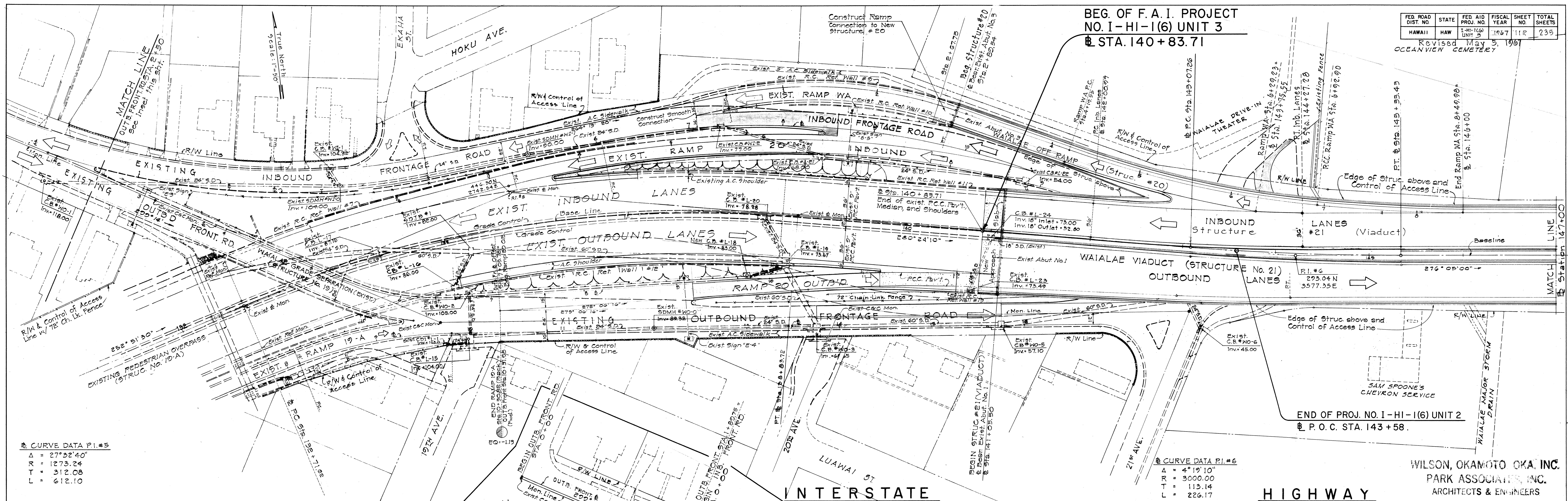




B.M. #K-30 E.I. 125.25
Top of F.H. #1873 at N.E.
Corner of 17th Avenue
and Wai'ale'ale Avenue.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-1-1(6)	1967	12R	235

Revised May 5, 1967

END OF F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
P.O.C. STA. 143+58

BEG. OF F.A.I. PROJECT
NO. I-HI-1(6) UNIT 3
P.O.C. STA. 140+83.71

NOTE:
For locations of Columns and Footings
for Viaduct Structure #2, see Detail Plan
of Roadway 9th. Nos. 26 to 32 inclusive.

CURVE DATA P.I. #6
Δ = 4°19'10"
R = 3000.00
T = 113.14
L = 226.17

WILSON, OKAMOTO & CO., INC.
ARCHITECTS & ENGINEERS

INTERSTATE HIGHWAY

INSET
SCALE 1"=50'

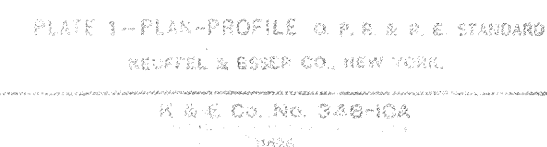
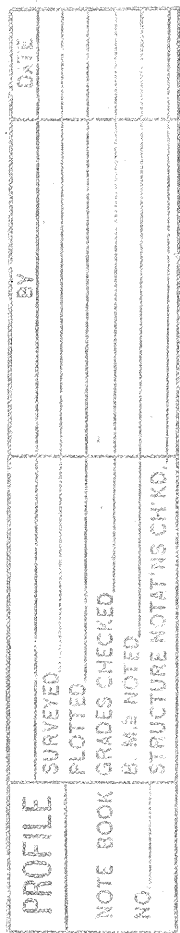
RAMP 19-A & OUTBOUND FRONTAGE ROAD & PROFILE

PLATE 1-PLAN PROFILE OF P.R.A.R.E. STANDARD

K&E CO. NO. 348-10A

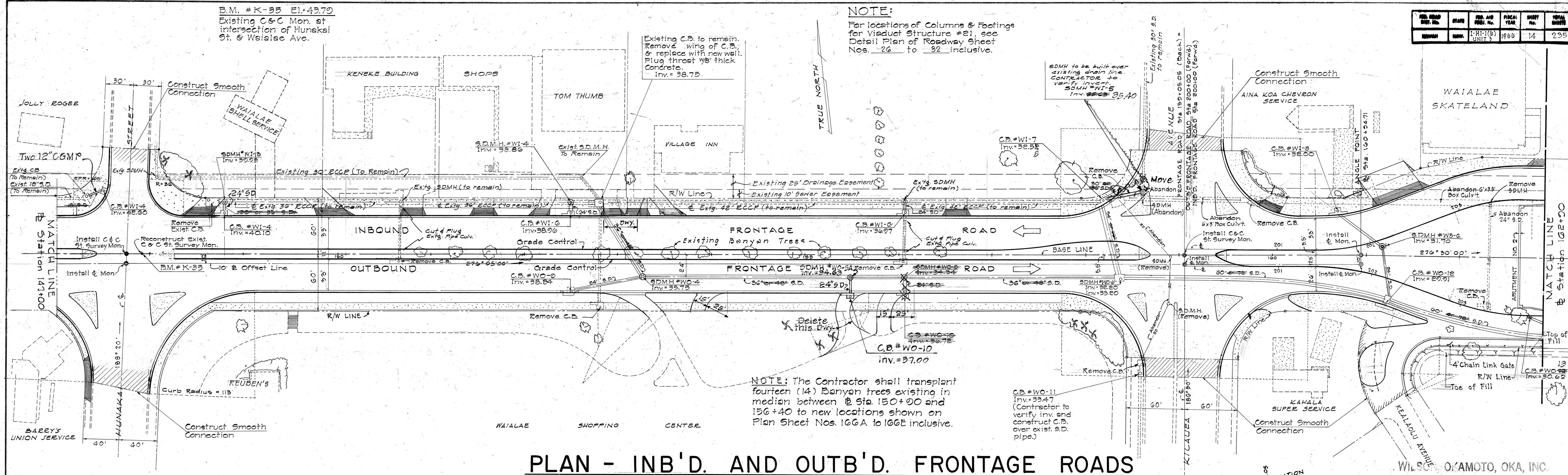
121R

PLAN	SURVEYED	BY	DATE
PLOTTED			
NOTE BOOK ALIGNMENT CHECKED			
NO. RT. OF WAY CHECKED			



NOTE:
For locations of Columns & Footings
for Viaduct Structure #21, see
Detail Plan of Roadway Sheet
Nos. 26 to 32 inclusive.

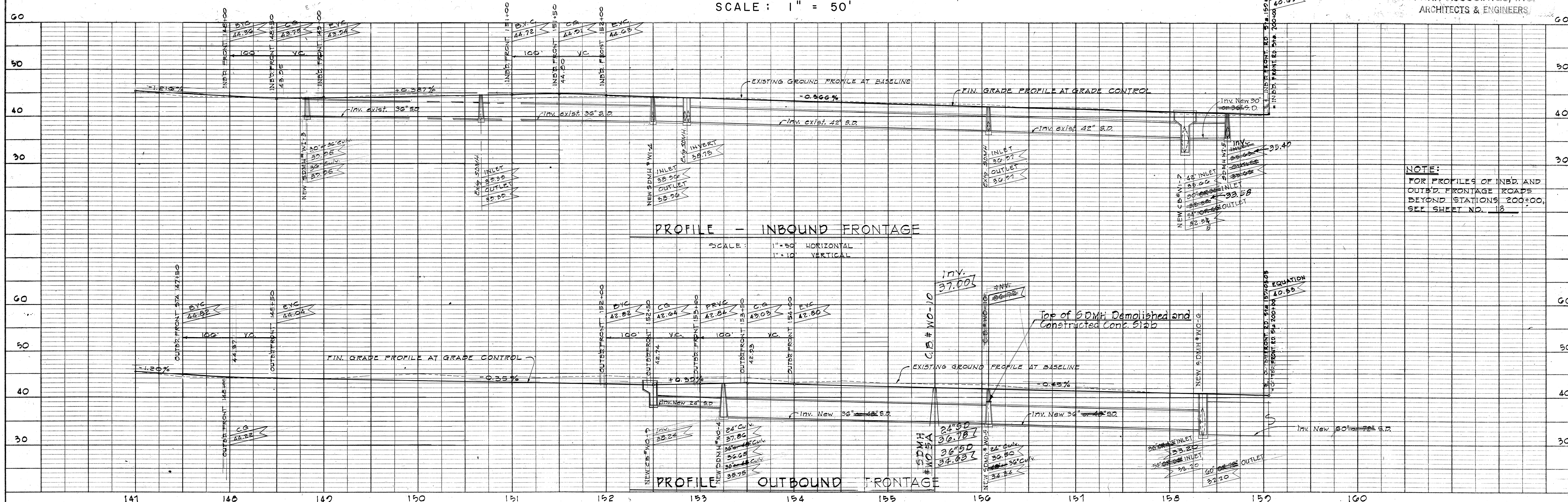
PLAN	SURVIVED	BY	DATE
NO.	NOTE BOOK		
	ALIGNED CHECKED		
	RT. OF WAY CHECKED		



PLAN - INB'D. AND OUTB'D. FRONTAGE ROADS

SCALE : 1" = 50'

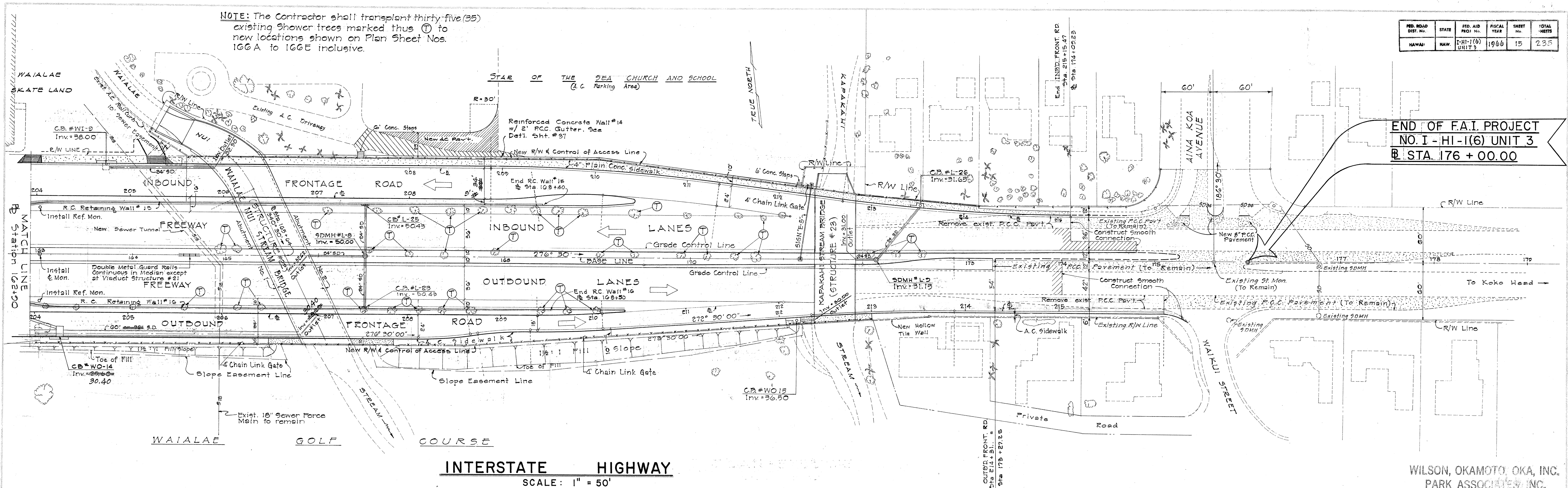
PROFILE	SURVEYED	BY	DATE
NOTED BY	REVIEWED		
NO.	STRUCTURE NOTATION CHKD.		



NOTE:
FOR PROFILES OF INBD. AND
OUTBD. FRONTAGE ROADS
BEYOND STATIONS 200+00
SEE SHEET NO. 18

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(6) UNIT 3	1966	15	235

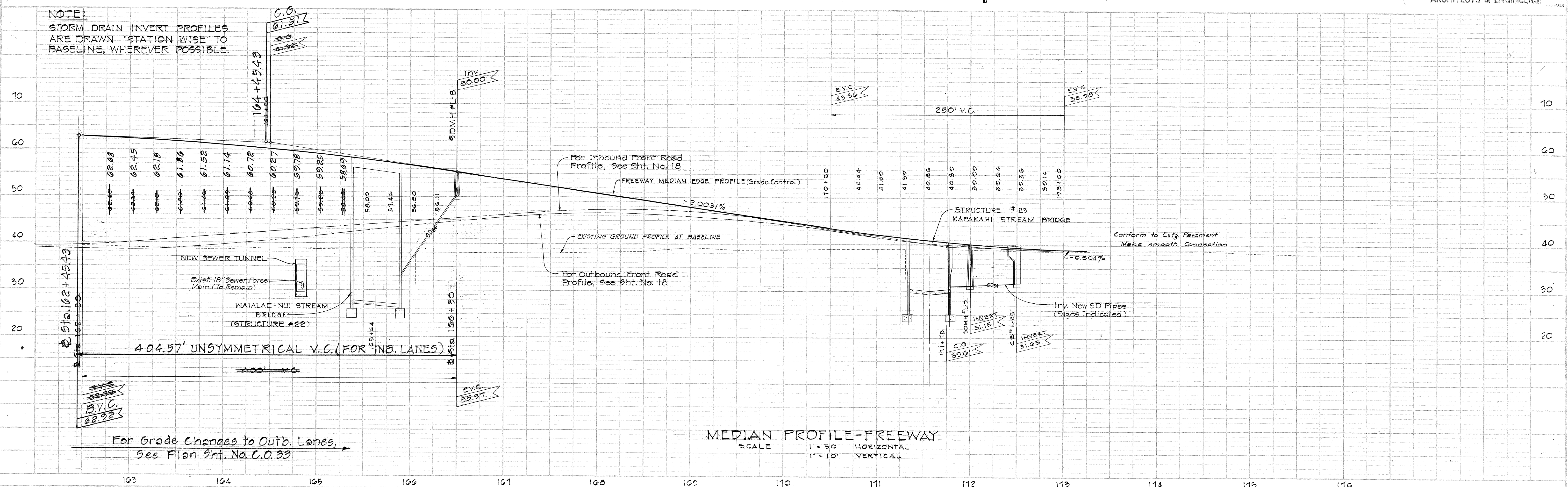
NOTE: The Contractor shall transplant thirty-five (35) existing shower trees marked thus ① to new locations shown on Plan Sheet Nos. 106A to 106E inclusive.



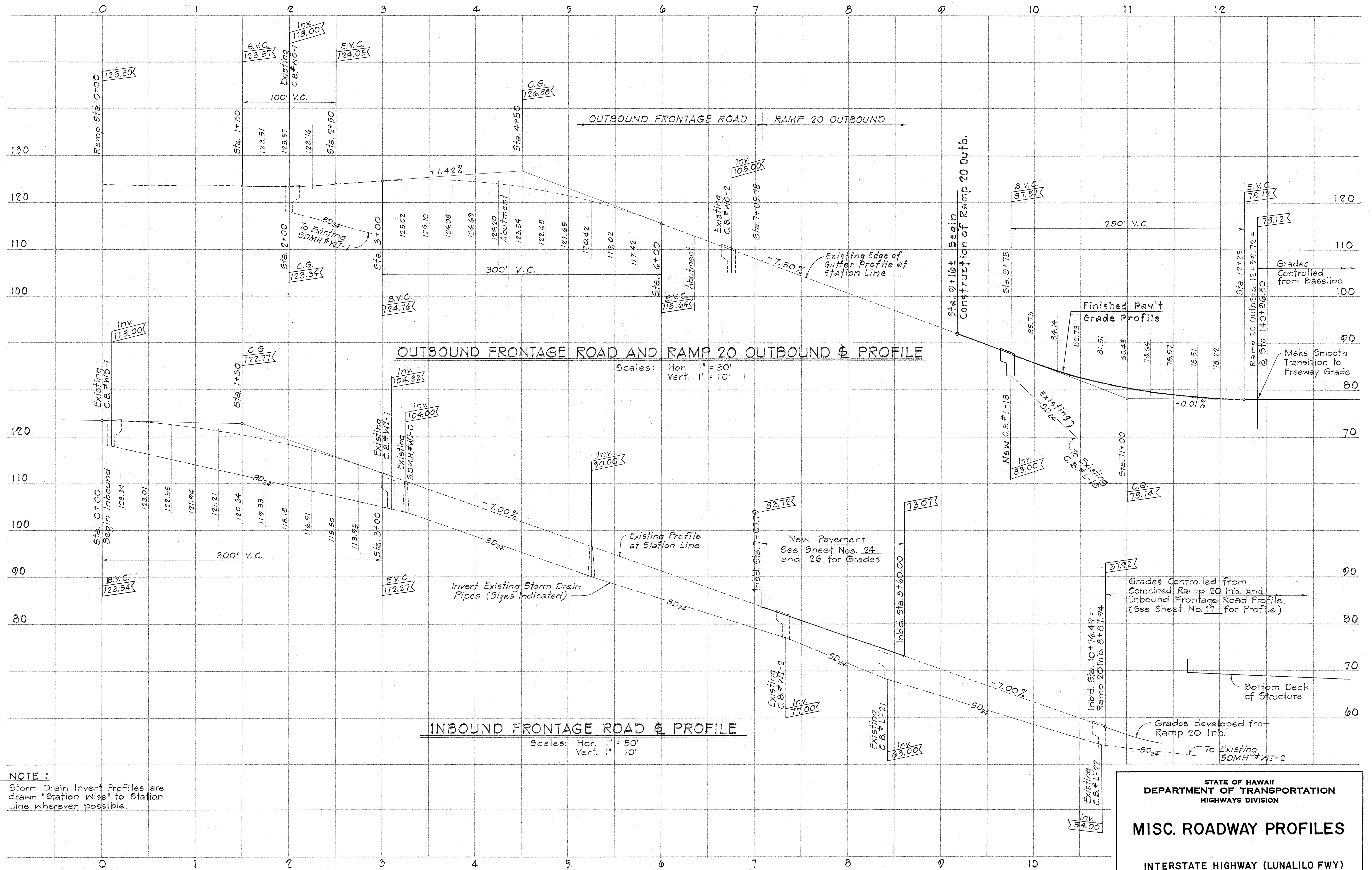
END OF F.A.I. PROJECT
NO. I - HI - I(6) UNIT 3
@ STA. 176 + 00.00

WILSON, OKAMOTO, OKA, INC.
PARK ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

NOTE: STORM DRAIN INVERT PROFILES ARE DRAWN "STATION WISE" TO BASELINE, WHEREVER POSSIBLE.



Revised May 5, 1967



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

MISC. ROADWAY PROFILES

INTERSTATE HIGHWAY (LUNALILO FWY)
 F.A.I. PROJ. NO. I-HI-1(6) UNIT 3

SCALE: AS NOTED MAY, 1967

SHEET No. 1 OF 3 SHEETS

161R

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(31):21 Unit 3	1968	17	47

Revised: 12-6-68
7-30-69

WATER RELOCATION NOTES

- Sta. 11+07.50
48' 9/8 R
*1-12" 1/8 Bend
*1-12" Sleeve 14' long
*8-L.F. 12" C.I. Pipe Cl. 200
1-Conc. Block
Temp. For Testing
1-12" Plug
1-2" Cleanout
1-Conc. Block
- Sta. 11+11.50
45' 9/8 R
1-3/4" Air Relief Valve
min. working pressure
150 psi
1-Type C M.H. 6.0' Deep
- Sta. 11+15.50
42' 9/8 R
1-12" 1/8 Bend (H.V.)
1-Conc. Block
- Sta. 11+17
27' 9/8 R
1-12" 1/8 Bend (B.V.)
1-Conc. Block

- Sta. 11+22
21' 9/8 L
1-12" 1/8 Bend
1-Conc. Block
- Sta. 11+23.50
21' 9/8 L
1-12" 1/8 Bend (T.V.)
1-Conc. Block
- Sta. 11+24
25' 9/8 L
1-12" 1/8 Bend
1-Conc. Block
- Sta. 11+19
41' 9/8 L
*1-12" 1/8 Bend
*1-12" Sleeve, 15" long
*8-L.F. 12" C.I. Pipe Cl. 200
1-Conc. Block
Temp. For Testing
1-12" Plug
1-2" Cleanout
1-Conc. Block

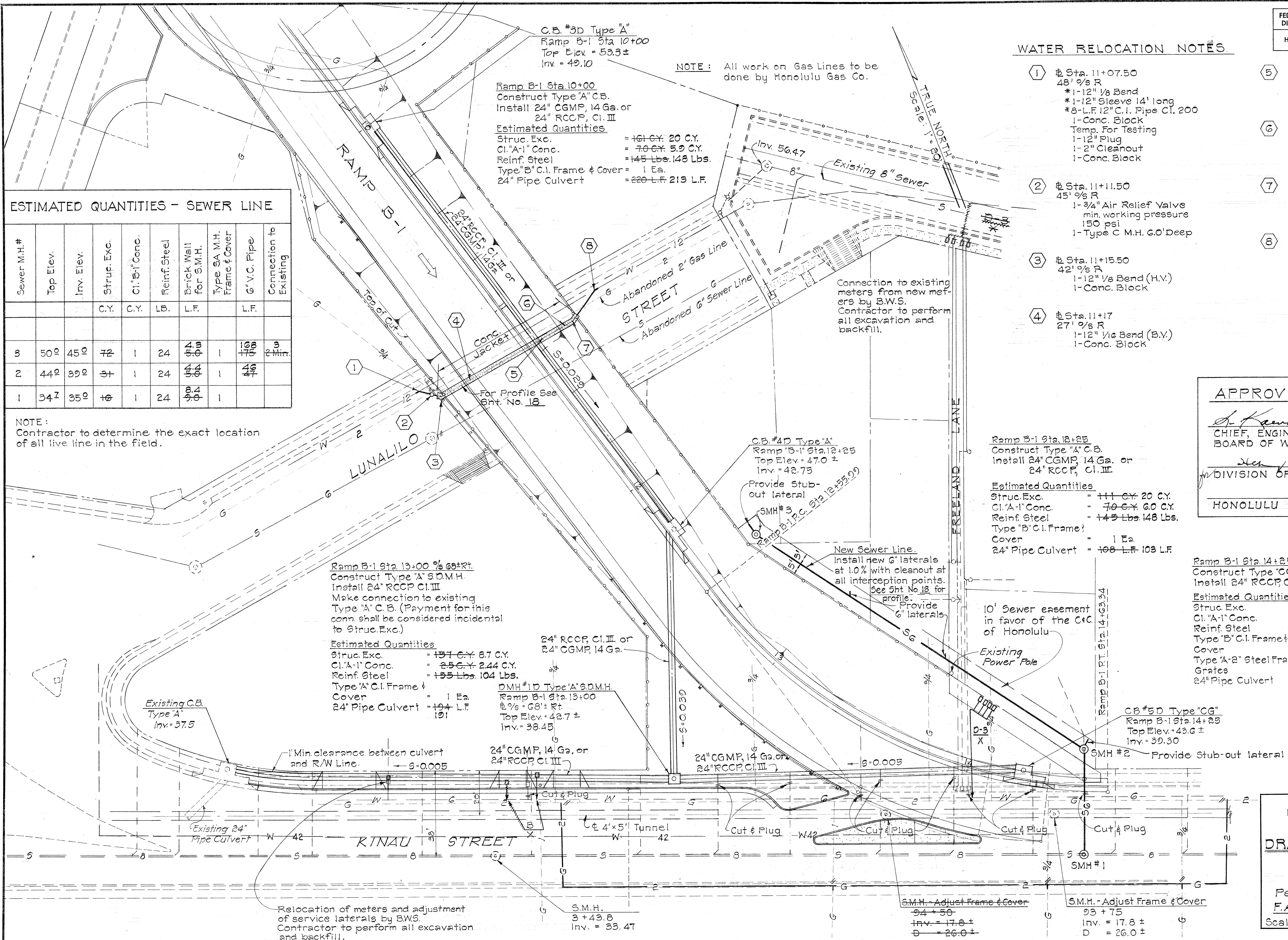
APPROVED:

A. Kawakami 8/19/68
CHIEF, ENGINEERING DIVISION DATE
BOARD OF WATER SUPPLY
Ken 8/22/68
DIVISION OF SEWERS DATE
HONOLULU GAS CO. DATE

ESTIMATED QUANTITIES - SEWER LINE

#	Sewer M.H.	Top Elev.	Inv. Elev.	Struc. Exc.	Cl. "B" Conc.	Reinf. Steel	Brick Wall for S.M.H.	Type SA M.H. Frame & Cover	G.V.C. Pipe	Connection to Existing
				C.Y.	C.Y.	Lb.	L.F.		L.F.	
3	50	45	72	1	24	5.0	4.3	1	168	3
2	44	39	31	1	24	4.4	4.4	1	46	
1	34	35	16	1	24	8.4	9.0	1		

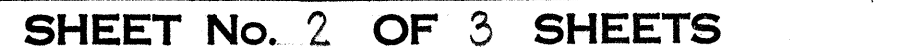
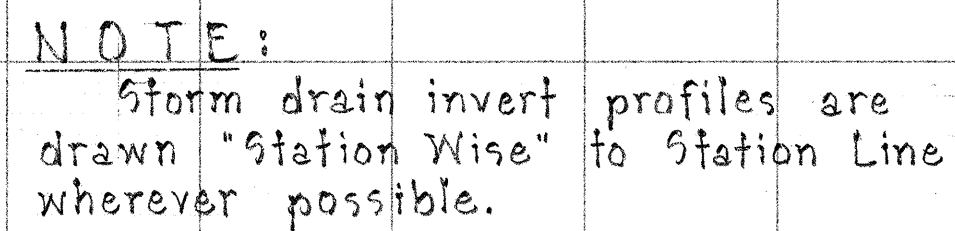
NOTE:
Contractor to determine the exact location of all live line in the field.

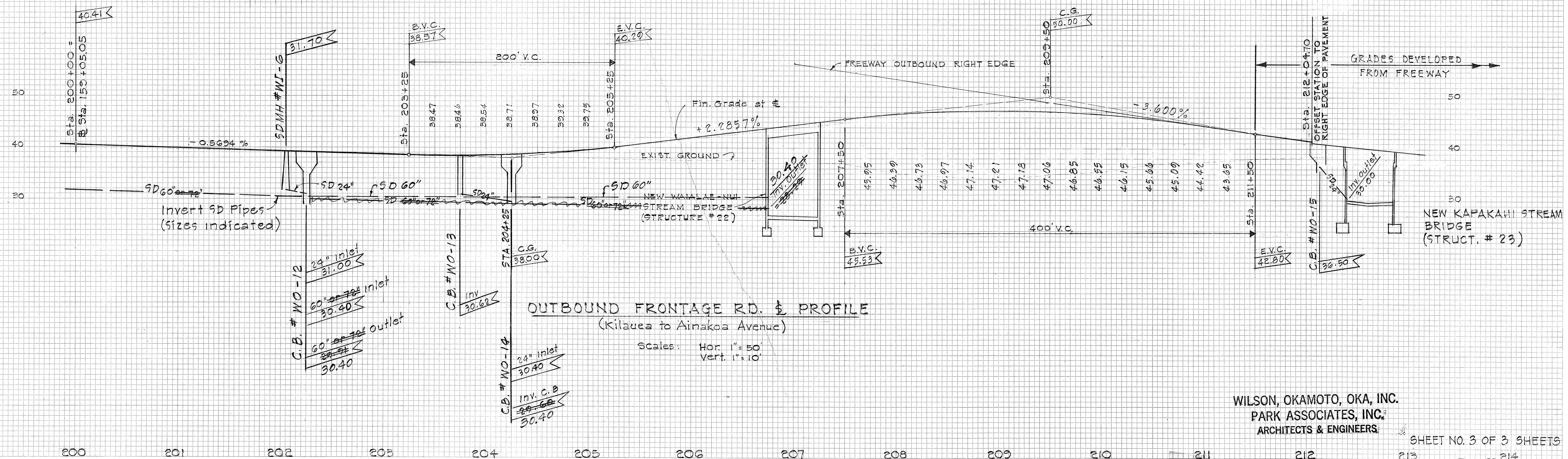
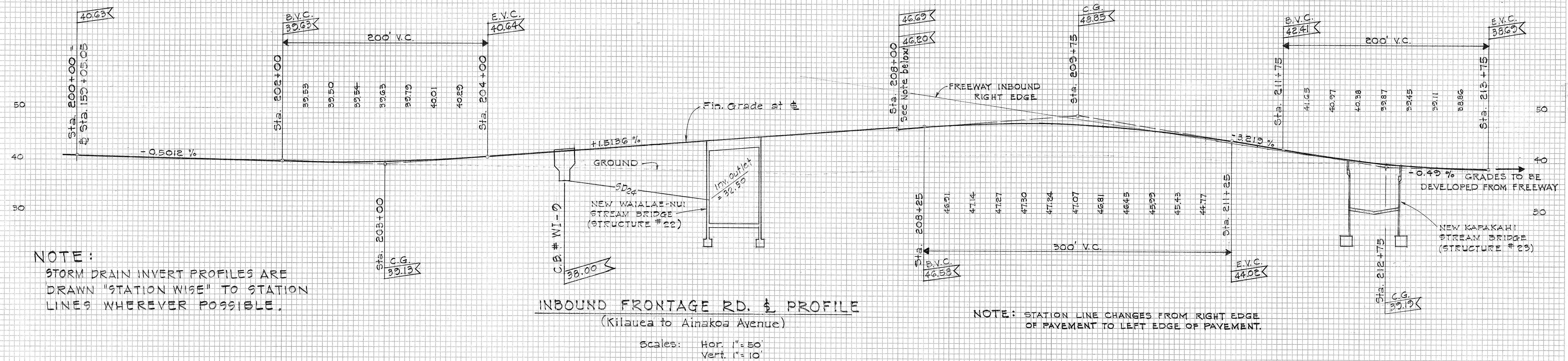


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE AND UTILITY PLANS
RAMP B-1
INTERSTATE ROUTE H-1
Pele Street to Victoria Street
F.A.I. Proj. No. I-HI-1(31):21 Unit 3
Scale: 1" = 20' Date: Aug. 1968
SHEET No. 2 OF 15 SHEETS

DESIGNED BY: _____
CHECKED BY: _____
DATE: _____
ORIGINAL PLAN: _____
NOTE BOOK: _____
No. _____

Revised May 5, 1967





WILSON, OKAMOTO, OKA, INC.
PARK ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

SHEET NO. 3 OF 3 SHEETS