

GENERAL NOTES

- All Azimuths referred to Koko Head Δ 3.
- Elevations based on MSL.
- Bench Mark = 3.04 (Kalaniana'ole Hwy. & Hawaii-Kai Drive)
- Contractor shall verify location of existing 24" Water Main before placing of guardrail posts.
- Any damage to existing water lines shall be repaired by the Contractor at no cost to the State.
- May Way shall not be closed until Maunaloa Bridge widening (Makai side) and two lanes going Koko Head are completed. The closing of May Way and removal of traffic island at Kawaihae Street shall be done simultaneously.

CURVE DATA

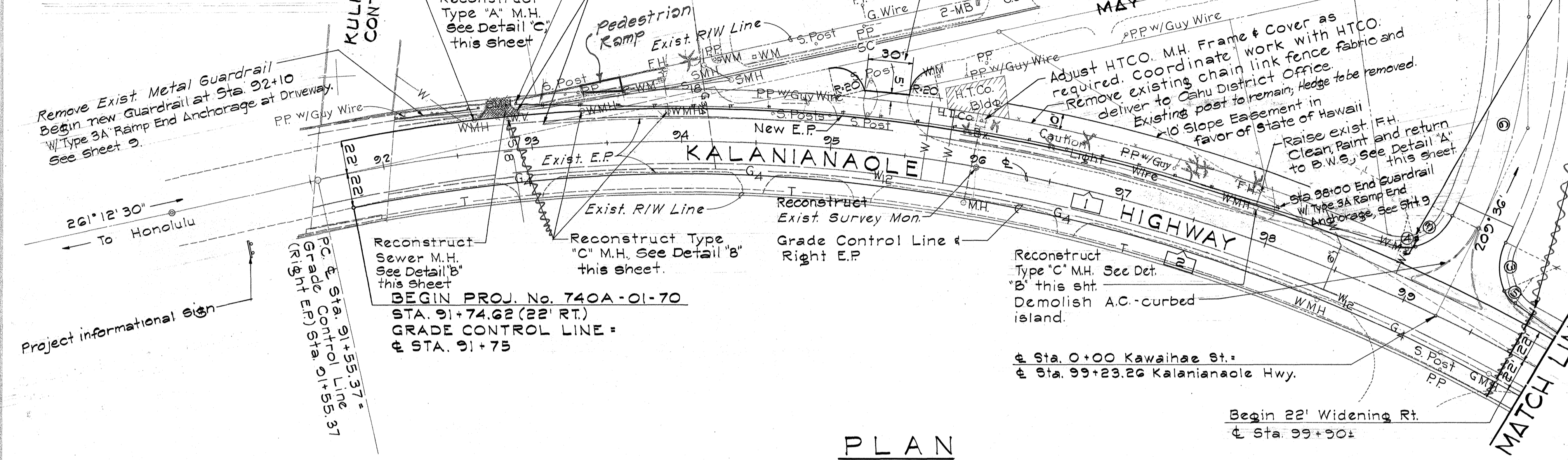
$\Delta = 44^\circ 17' 30"$	$\Delta = 44^\circ 17' 30"$
$R = 1124.00$	$R = 1124.00$
$T = 466.41$	$T = 457.46$
$C = 864.00$	$C = 847.42$
$L = 865.90$	$L = 868.89$
	$e = 0.06 \text{ Ft/Ft}$

CURVE	3	4	5	6
Δ	$49^\circ 56' 47"$	$30^\circ 47' 01"$	$31^\circ 08' 30"$	$25^\circ 46' 32"$
R	38.00	20.00	20.00	326.91
T	17.90	5.51	5.57	74.80
C	32.09	10.62	10.74	145.83
L	33.13	10.74	10.87	147.07

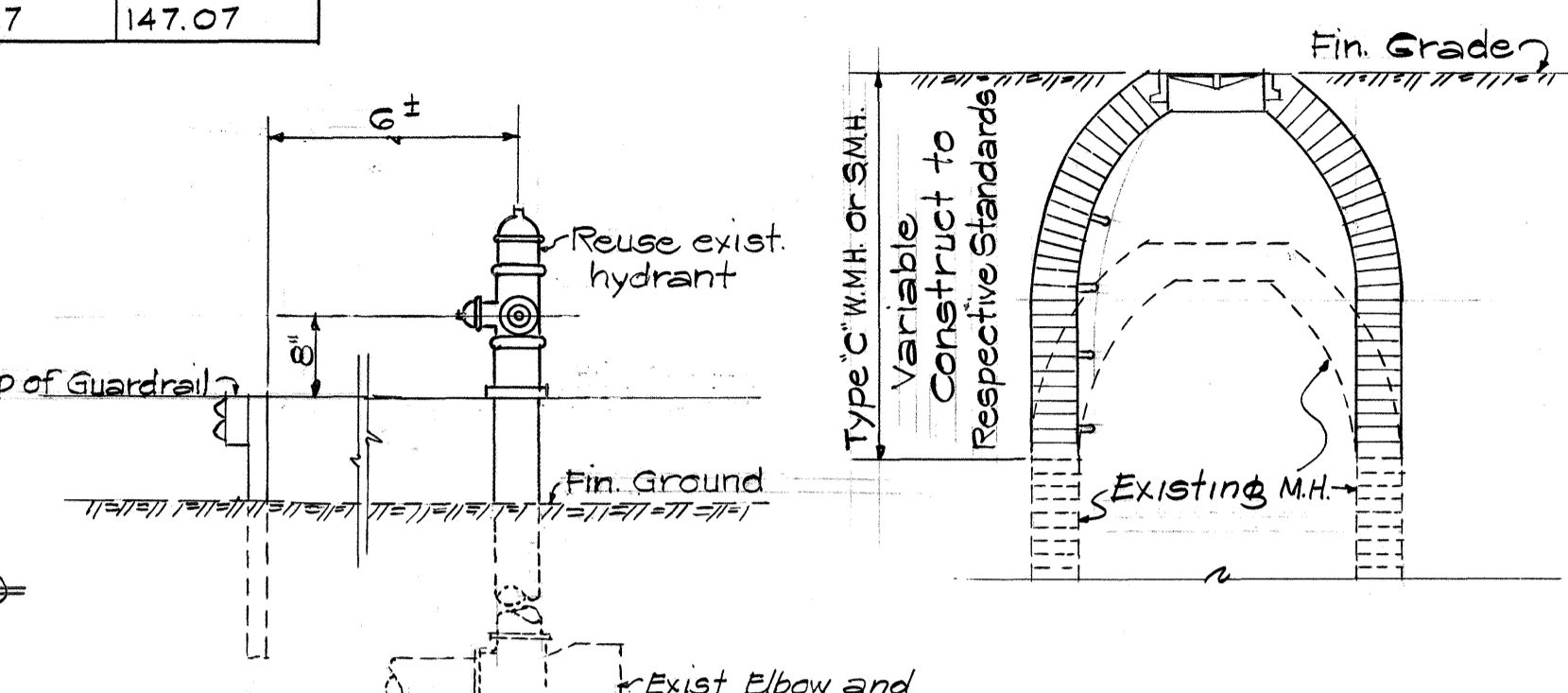
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	740A-01-70	1970	3	40

DATE: _____
BY: _____
CHECKED: _____
NO. _____

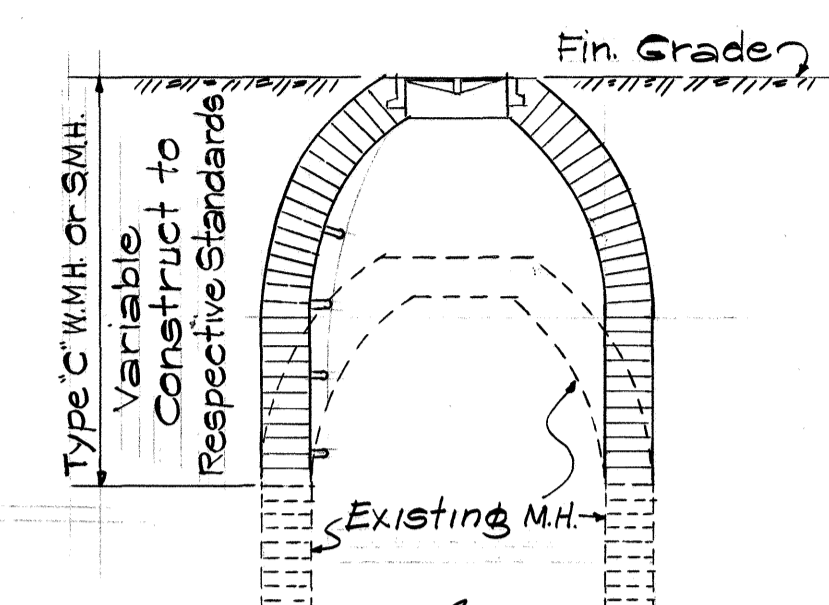
DATE: _____
BY: _____
CHECKED: _____
NO. _____



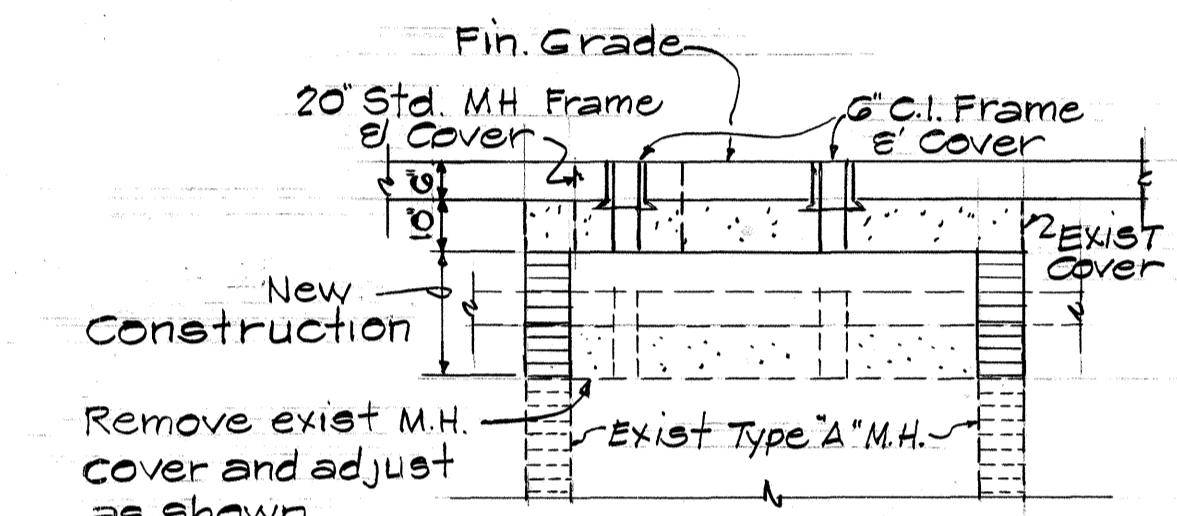
PLAN



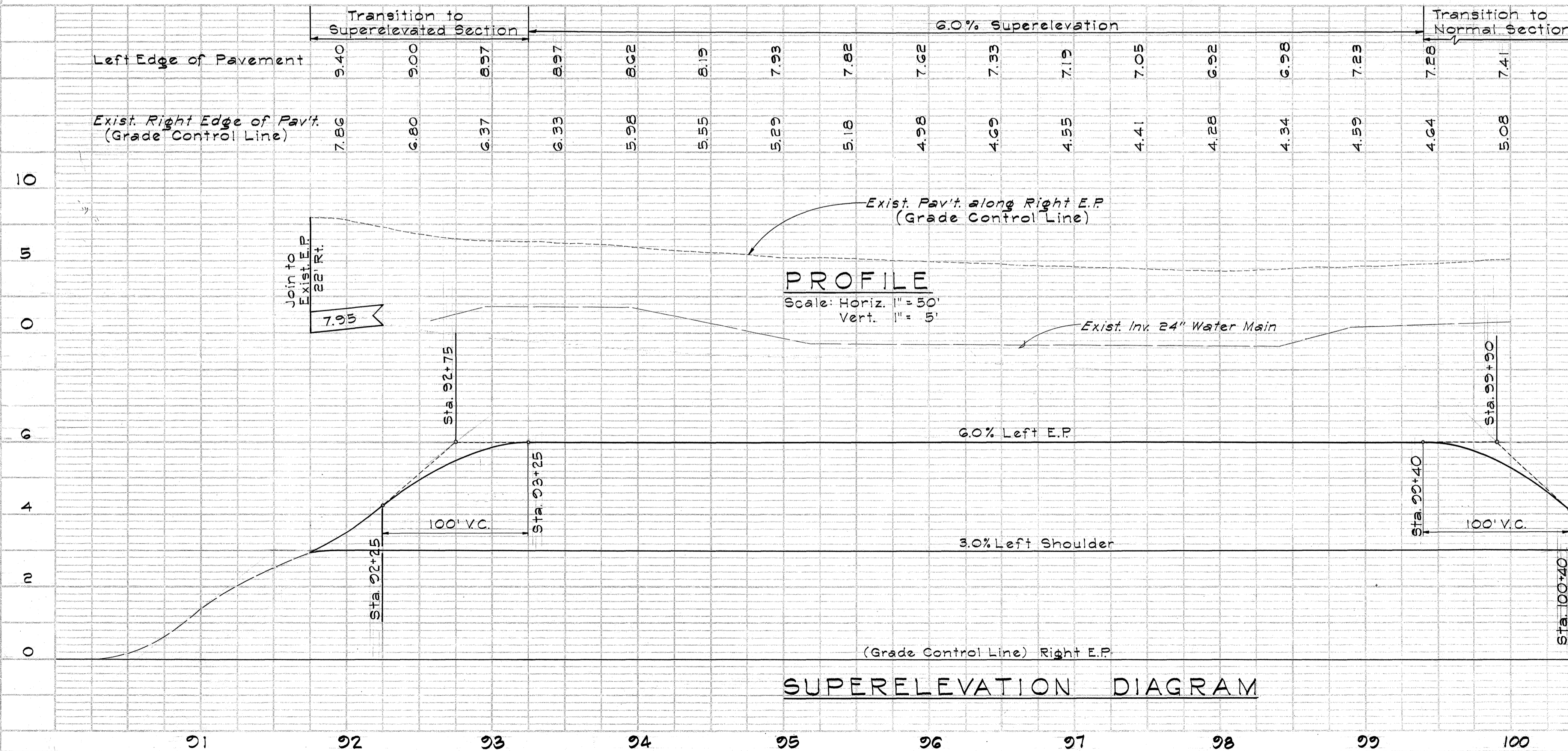
DETAIL A
Not to scale



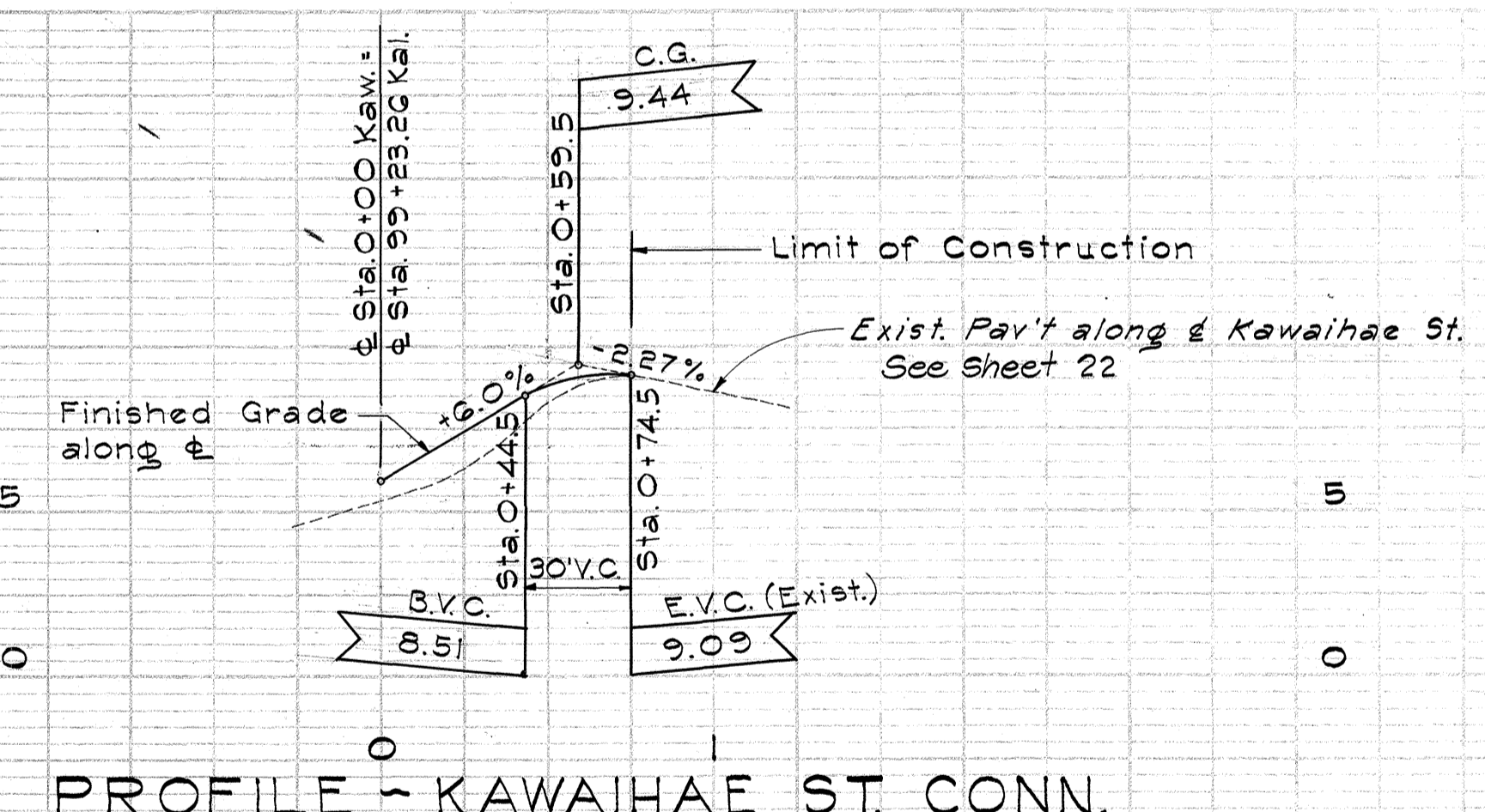
DETAIL B
Not to scale



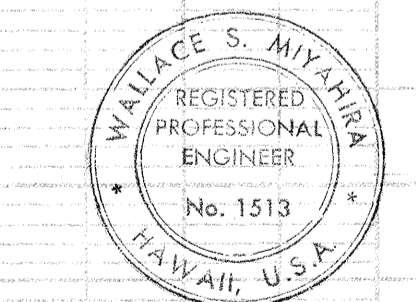
DETAIL C
Not to scale



PROFILE
Scale: Horiz. 1" = 50'
Vert. 1" = 5'



PROFILE - KAWAIIHAE ST. CONN.
Scale: Horiz. 1" = 50'
Vert. 1" = 5'

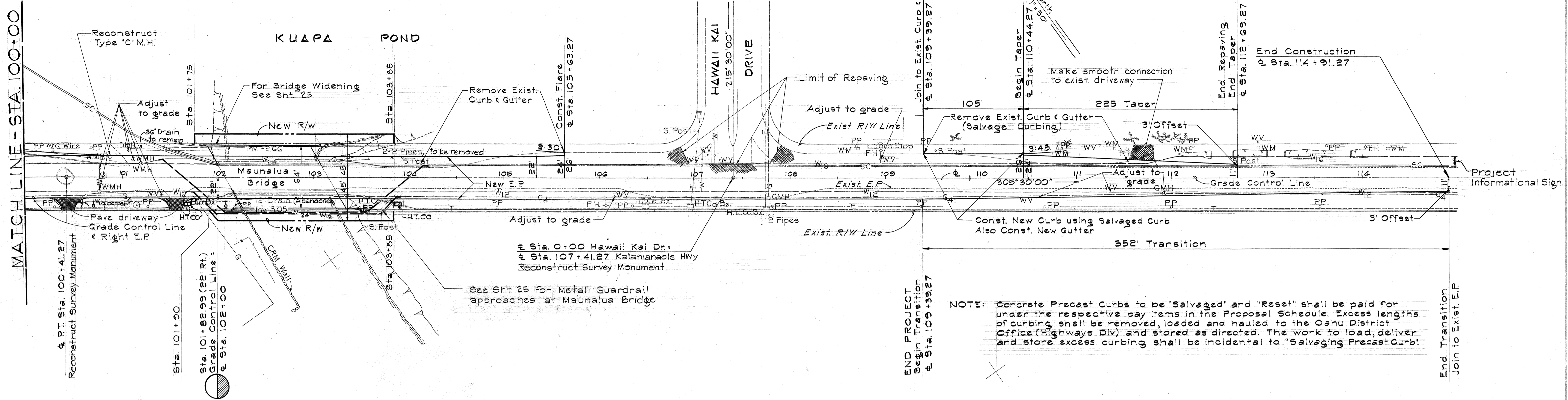


This work was prepared by me or under my supervision.
Wallace S. Miyahira
APPROVED: _____ **DATE:** 11/19/70
Chief, Division of Sewers
Asst. Chief Engineer, BWS

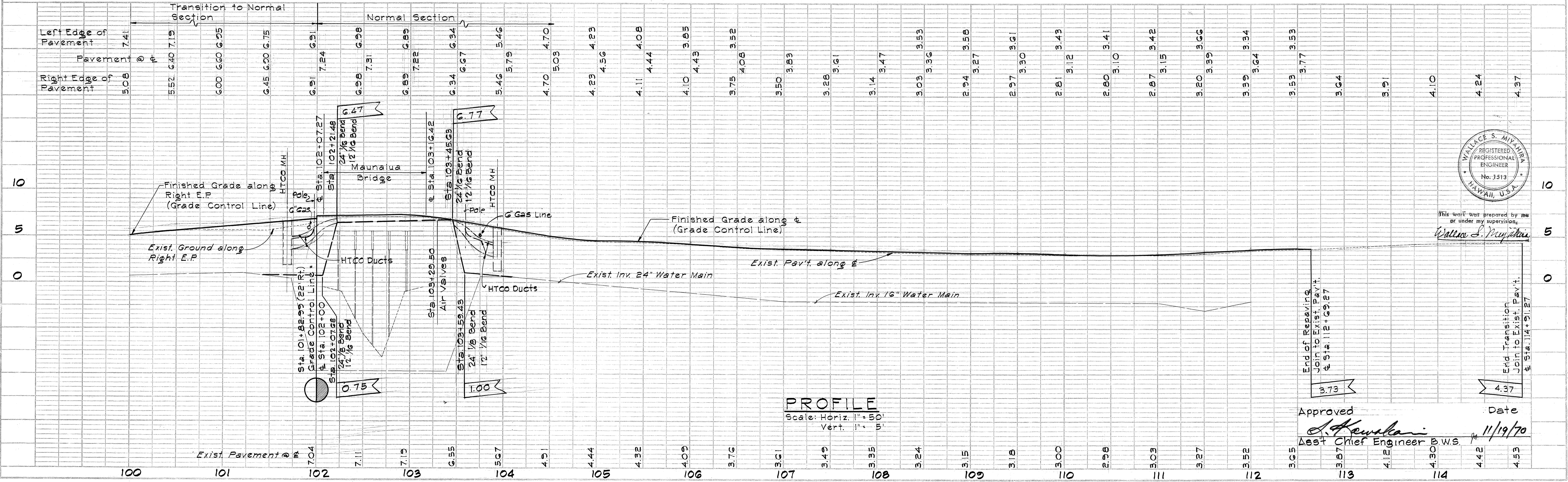
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	740A-01-70	1970	4	40

DATE	BY	NO.

DATE	BY	NO.



PLAN



PROFILE
Scale: Horiz. 1" = 50'
Vert. 1" = 5'

Approved
J. Kewalani
Dist. Chief Engineer B.W.S.
Date
11/19/70