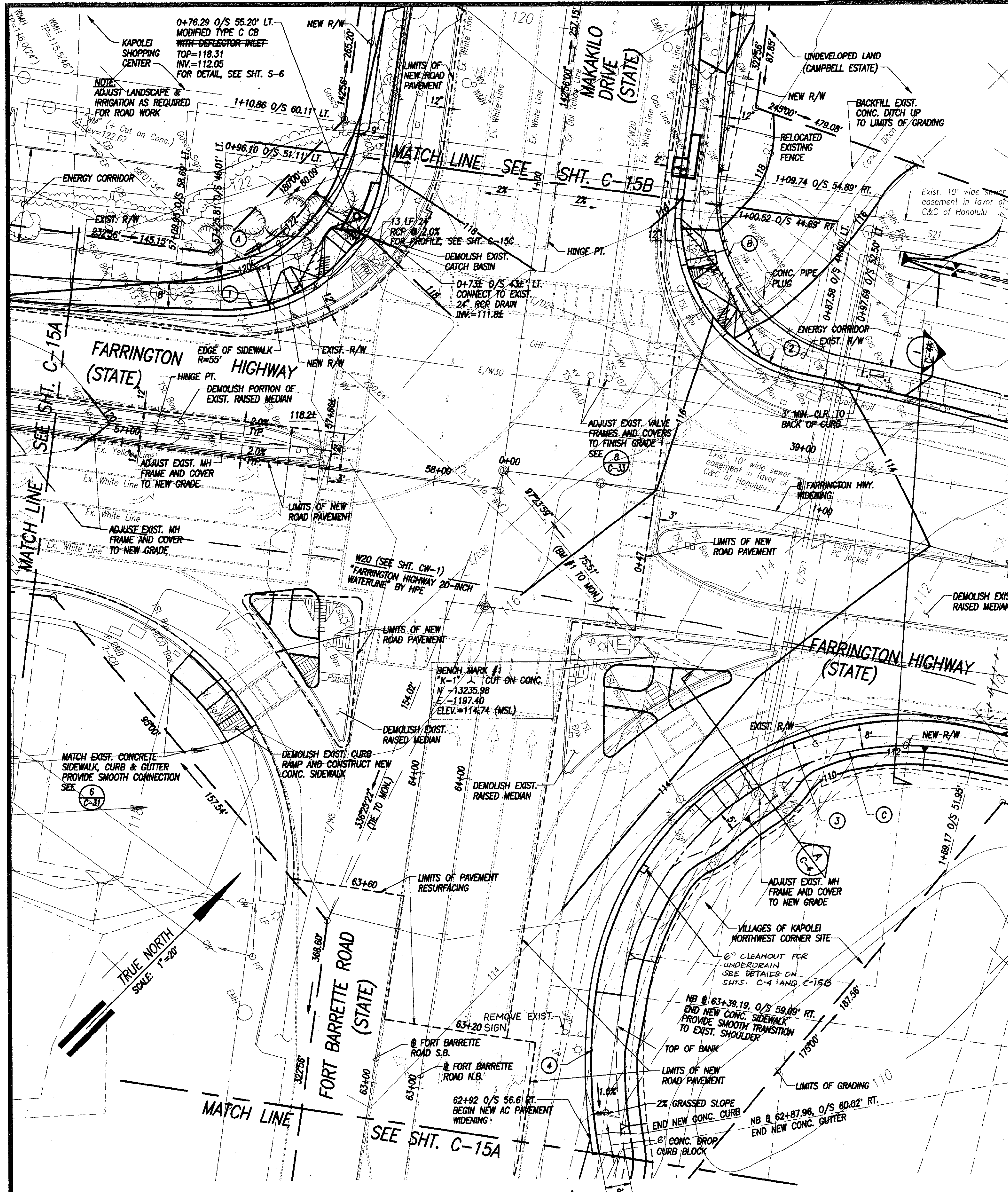
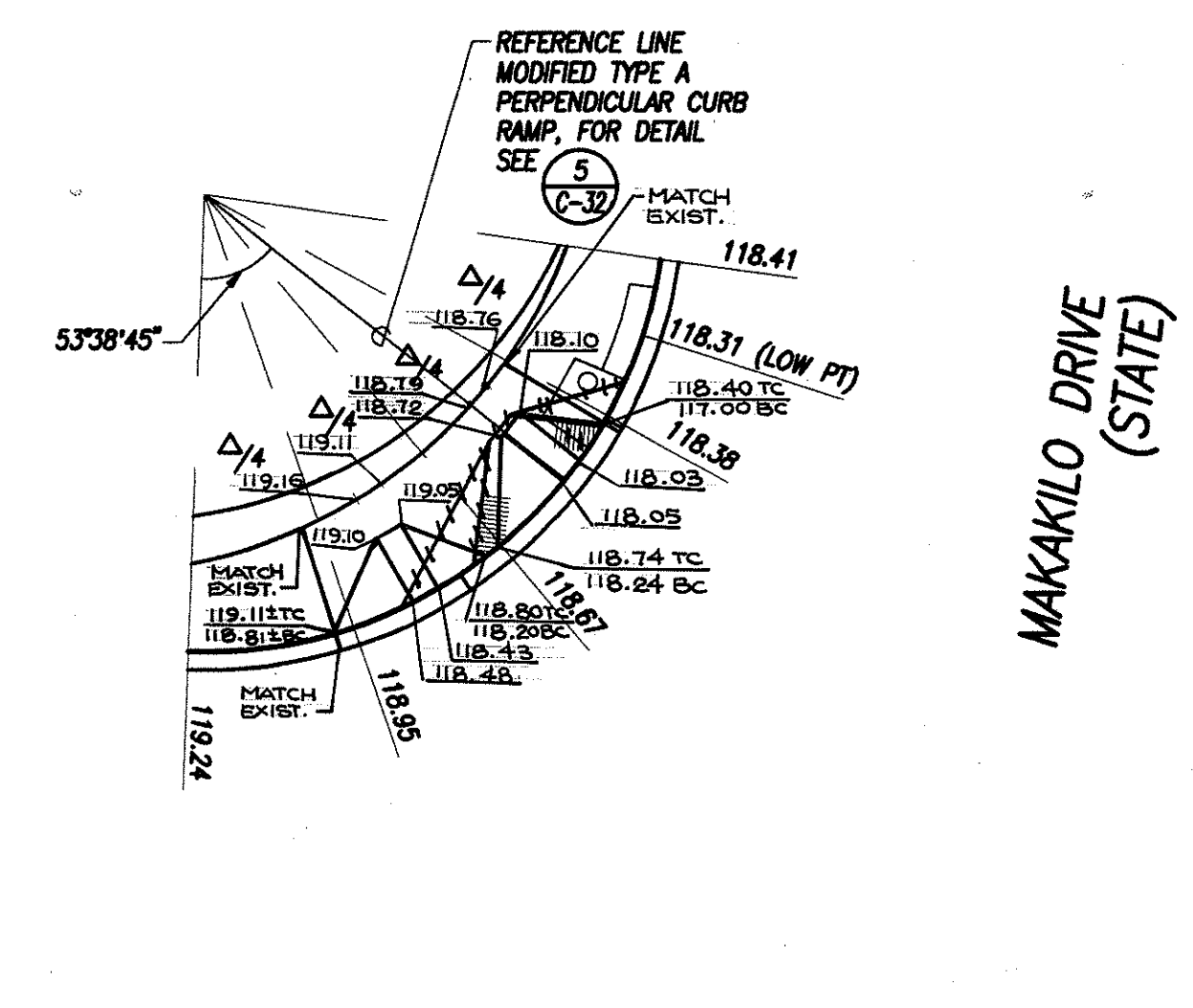




INTERSECTION PLAN - 1
SCALE: 1" = 20'



NOTE:
NEW PAVEMENT & RESURFACING LIMITS
SHALL COINCIDE WITH PROPOSED
STRIPING WHERE POSSIBLE.

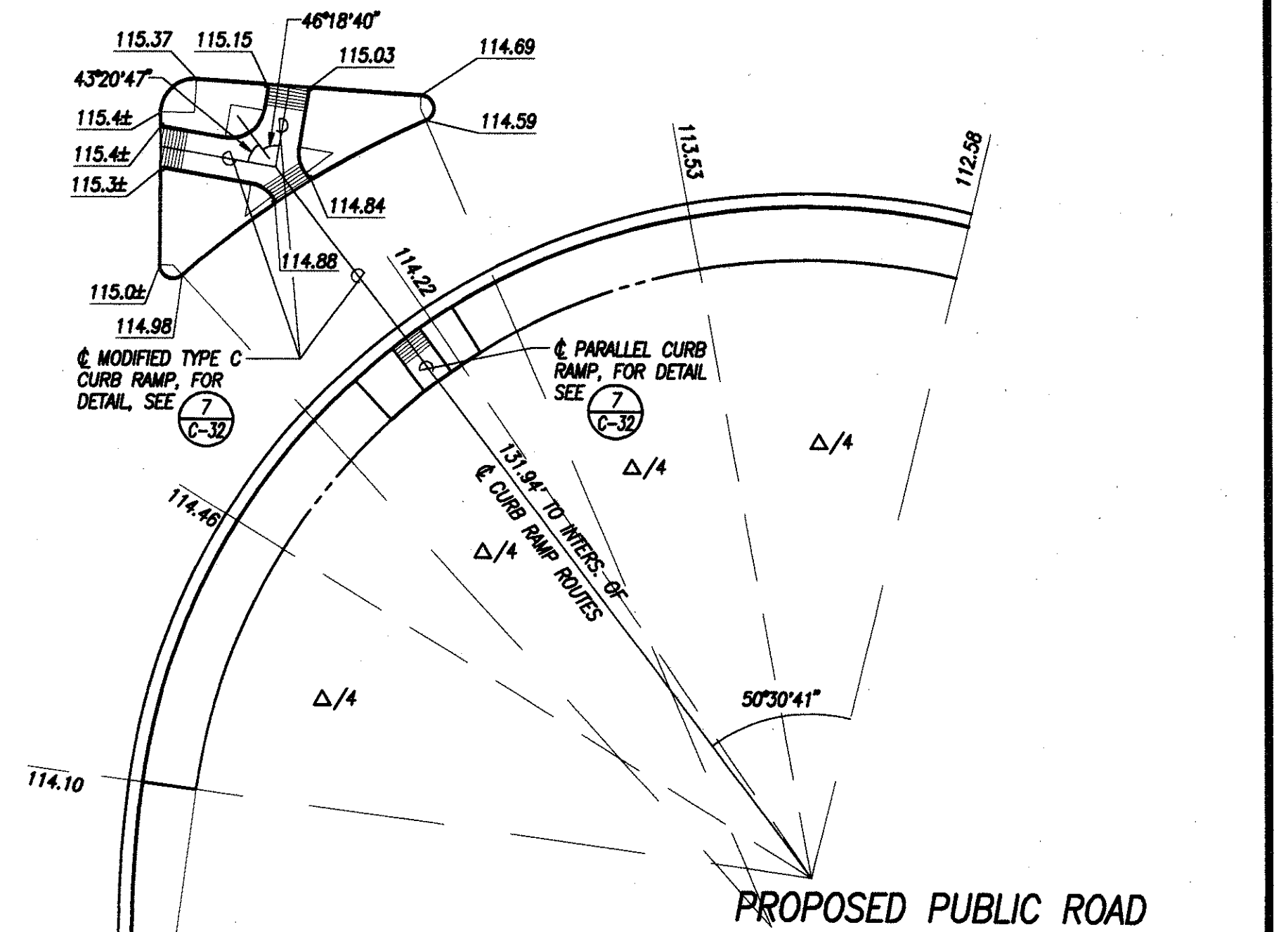


CURB RETURN AND RAMP GRADES
SCALE: 1" = 20'

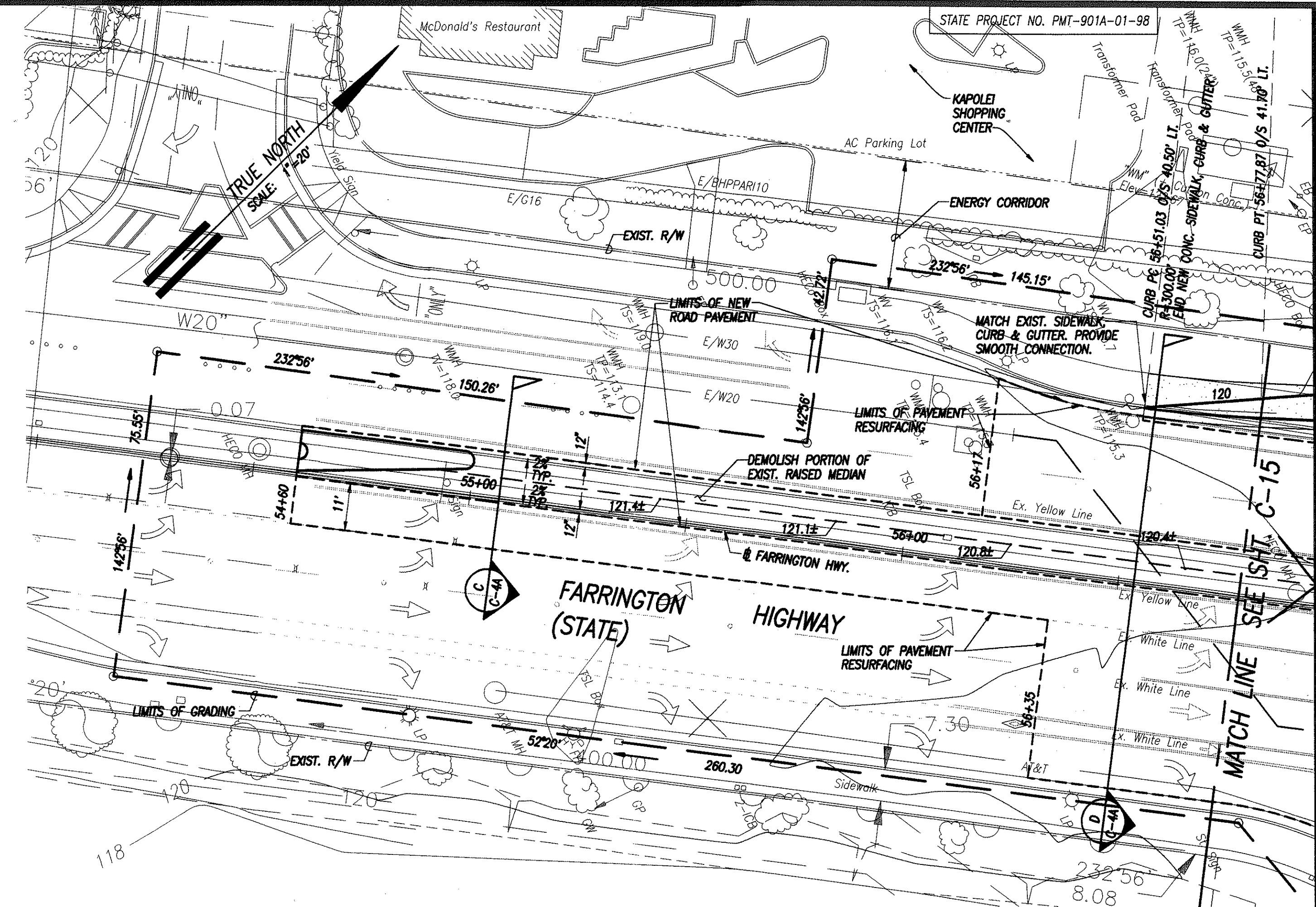
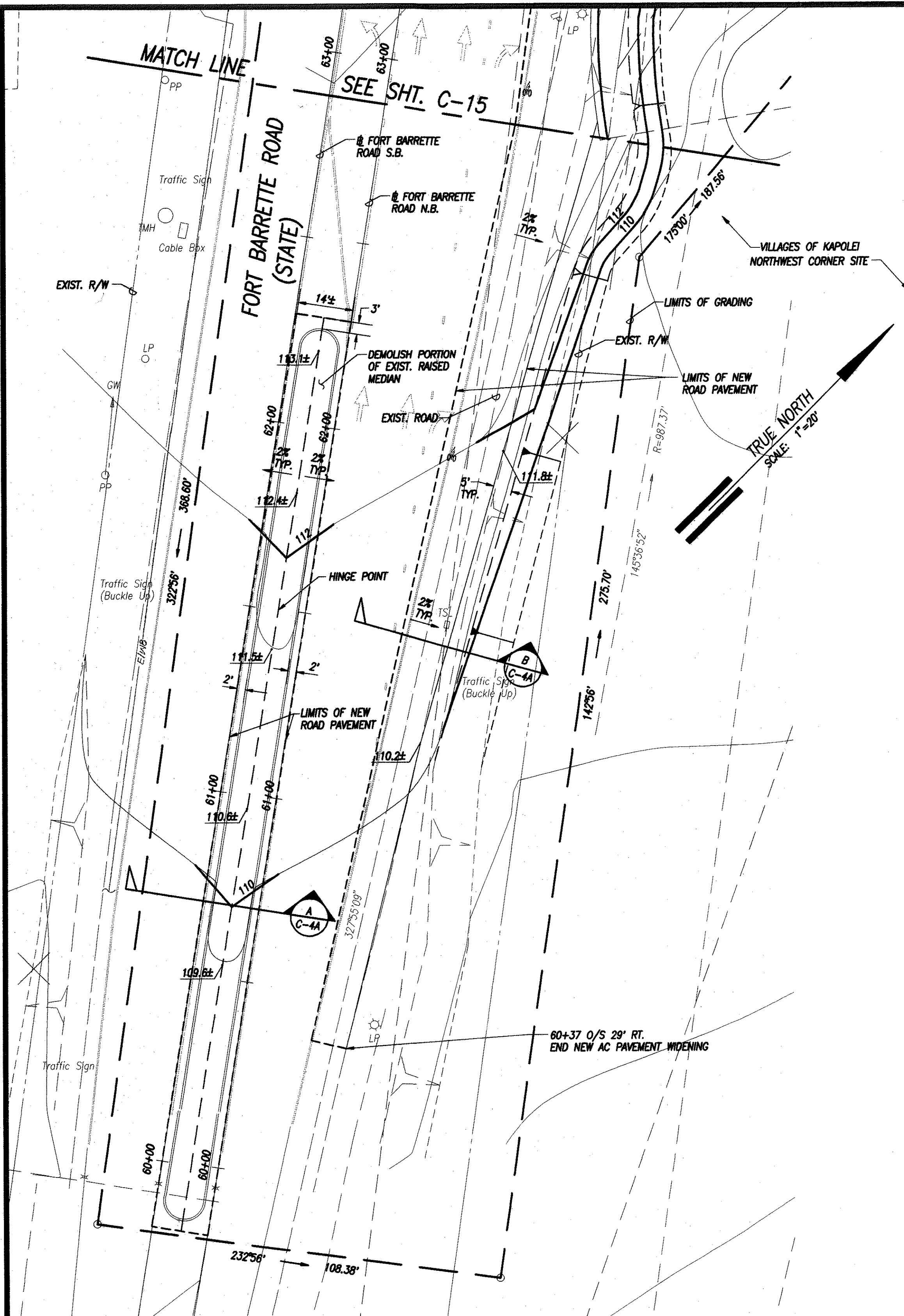
Approved: *[Signature]*
Chief, Division of Engineering, DPW
(for grading only)
Date: 2/25/98

CURB RETURN DATA			
①	②	③	④
$\Delta = 84^{\circ}16'00''$ $\Delta/2 = 42^{\circ}08'00''$ $R = 50.00'$ $T = 45.23'$ $C = 67.09'$ $L_c = 73.54'$	$\Delta = 86^{\circ}29'44.8''$ $\Delta/2 = 43^{\circ}14'52.4''$ $R = 50.00'$ $T = 47.03'$ $C = 68.52'$ $L_c = 75.48'$	$\Delta = 95^{\circ}40'56''$ $\Delta/2 = 47^{\circ}50'28''$ $R = 100.00'$ $T = 110.44'$ $C = 148.26'$ $L_c = 167.00'$	$\Delta = 17^{\circ}32'36.6''$ $\Delta/2 = 8^{\circ}46'18.3''$ $R = 170.00'$ $T = 26.23'$ $C = 51.85'$ $L_c = 52.05'$

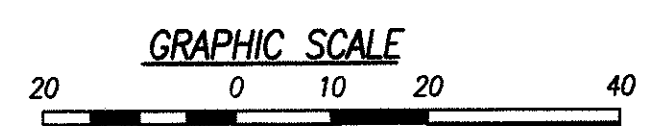
P CURVE DATA		
A	B	C
$\Delta = 90^{\circ}00'00''$ $\Delta/2 = 45^{\circ}00'00''$ $R = 52.00'$ $T = 52.00'$ $C = 73.54'$ $L_c = 81.68'$	$\Delta = 85^{\circ}46'46''$ $\Delta/2 = 42^{\circ}53'23''$ $R = 52.00'$ $T = 48.30'$ $C = 70.78'$ $L_c = 77.85'$	$\Delta = 95^{\circ}40'56''$ $\Delta/2 = 47^{\circ}50'28''$ $R = 92.00'$ $T = 101.61'$ $C = 136.40'$ $L_c = 153.64'$



ENGINEER	HG	DATE	1/13/98	REVISION	1/13/98	REPLACES SHEET	C-15	BY	HG	APPROVED	
DRAFTSMAN	PCN										
CHECKED BY	GHH										
		R. M. TOWILL CORPORATION ENGINEERS • PLANNERS • SURVEYORS • PHOTOGRAMMETRISTS CONSTRUCTION MANAGERS 420 Waiakamilo Road, Honolulu, Hawaii 96817-4941									
		THE ESTATE OF JAMES CAMPBELL, FINANCE REALTY COMPANY, AND FINANCE AND DEVELOPMENT CORPORATION, STATE OF HAWAII FARRINGTON HIGHWAY IMPROVEMENTS EWA, OAHU, HAWAII TMS: (1ST DIVISION) PORTION OF 9-1-16									
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>[Signature]</i> 1/13/98 SIGNATURE DATE		HFDG JOB NO. DEV 93-41		SCALE 1" = 20'		DATE JAN 1998					
		FILE		POCKET		FOLDER		NO.			



INTERSECTION GRADING PLAN - 2
SCALE: 1" = 20'



Approved:
[Signature]
Chief, Division of Engineering, DPW 45
(for grading only)
2/25/98
Date

PROPOSED PUBLIC ROAD

ENGINEER	HG	REVISION	1/13/98	ADDED SHEET	BY	APPROVED
DRAFTSMAN	PCN	DATE		BRIEF		
CHECKED BY	GHH					
R. M. TOWILL CORPORATION ENGINEERS • PLANNERS • SURVEYORS • PHOTOGRAMMETRISTS CONSTRUCTION MANAGERS 420 Waiakamilo Road Honolulu, Hawaii 96817-4941						
THE ESTATE OF JAMES CAMPBELL, FINANCE REALTY COMPANY, AND HOUSING FINANCE AND DEVELOPMENT CORPORATION, STATE OF HAWAII						
FARRINGTON HIGHWAY IMPROVEMENTS EWA, OAHU, HAWAII TMK: (1ST DIVISION) PORTION OF 9-1-15						
INTERSECTION PLAN - 2						
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>[Signature]</i> SIGNATURE		DATE 1/26/98		HFDG JOB NO. DEV 93-41 SCALE 1"=20' DATE JAN 1998		

