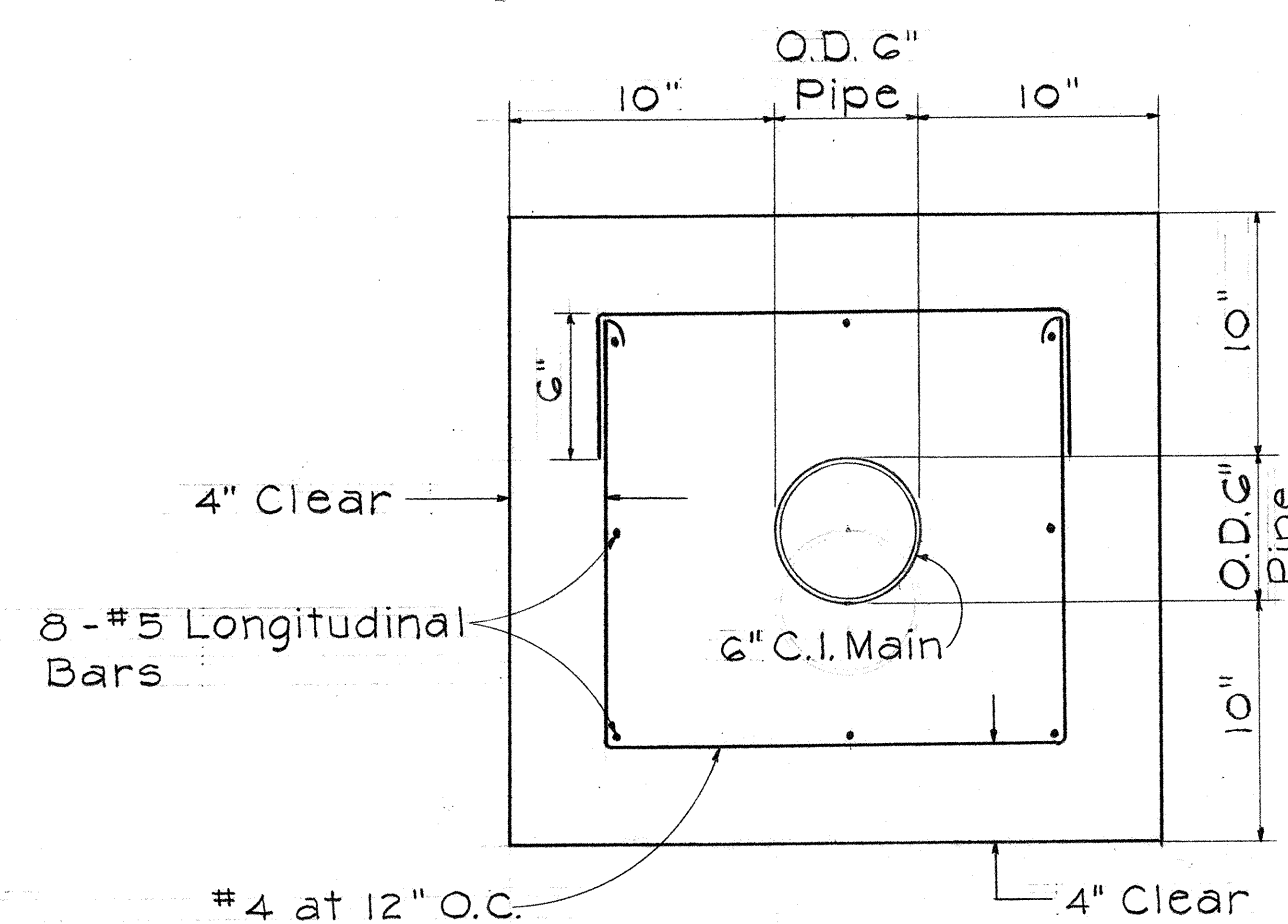


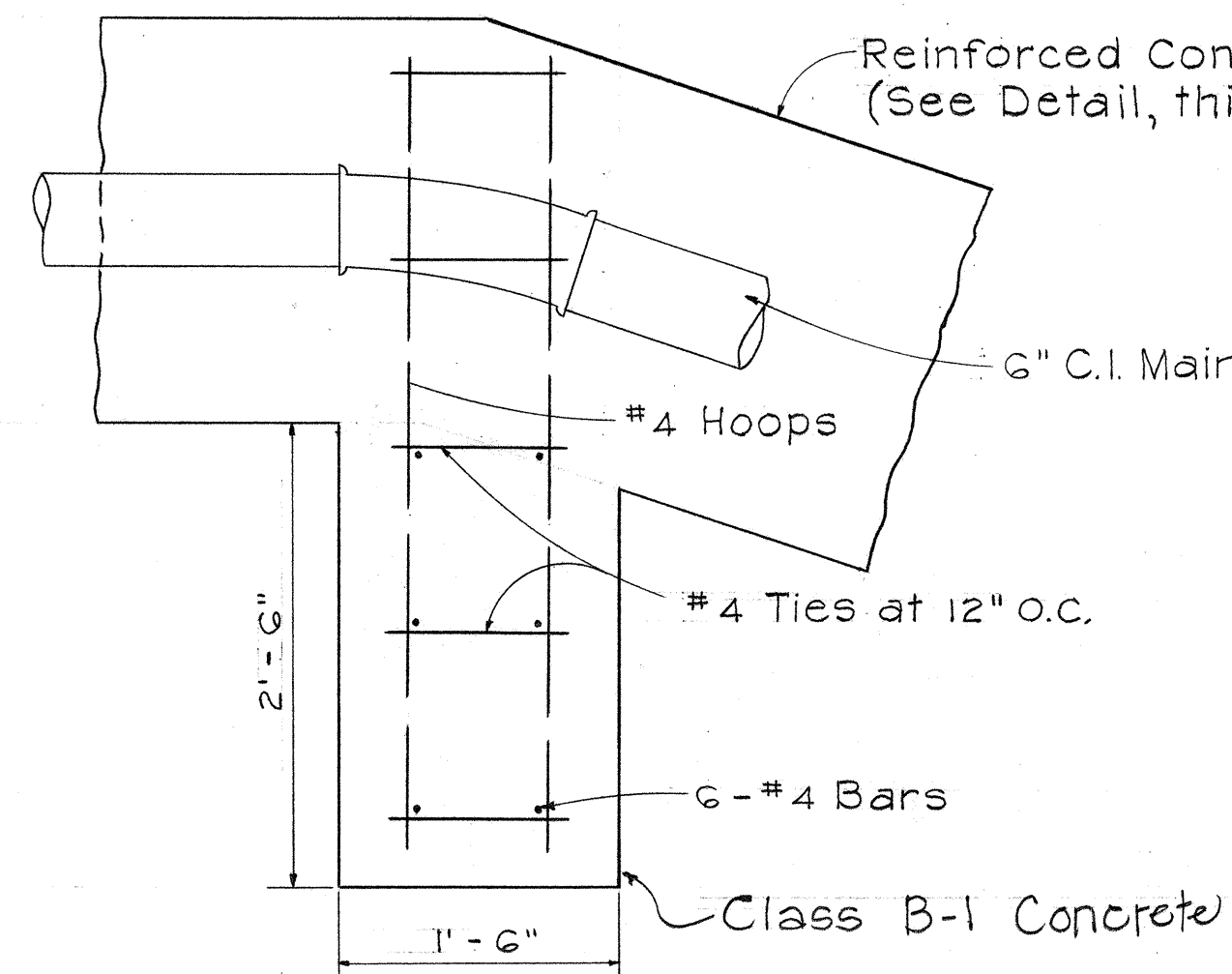
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(23)11 I-H3-1(2)11	1970	23	224

1 Revised: Jan. 18, 1971

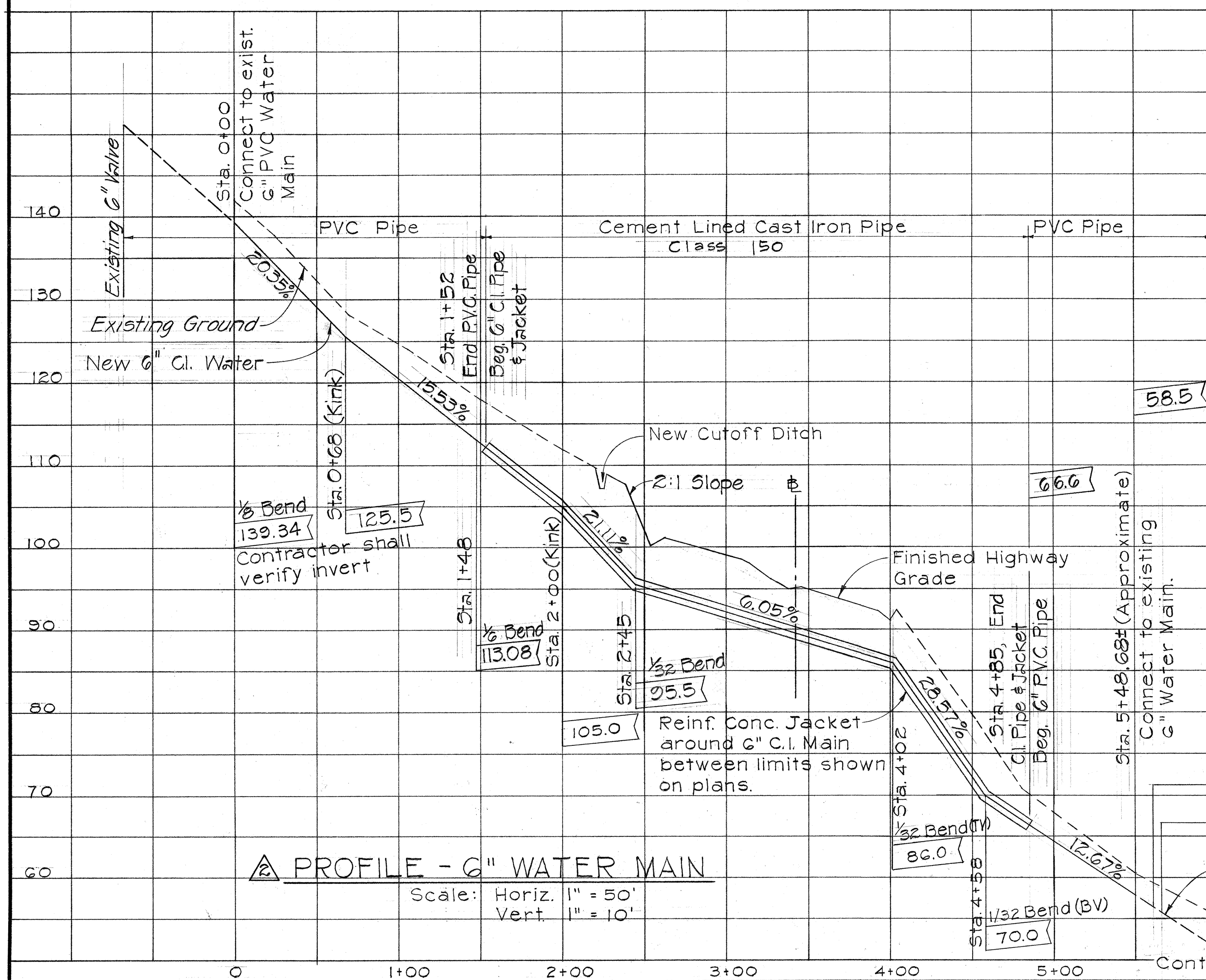
2 Revised: Mar. 31, 1971



REINFORCED CONCRETE JACKET DETAIL
FOR 6" CAST IRON WATER MAIN
Scale: 1 1/2" = 1'-0"



TOP VERTICAL REACTION BLOCK
STA. 4+00
Scale: 1" = 1'-0"



PROFILE - 6" WATER MAIN

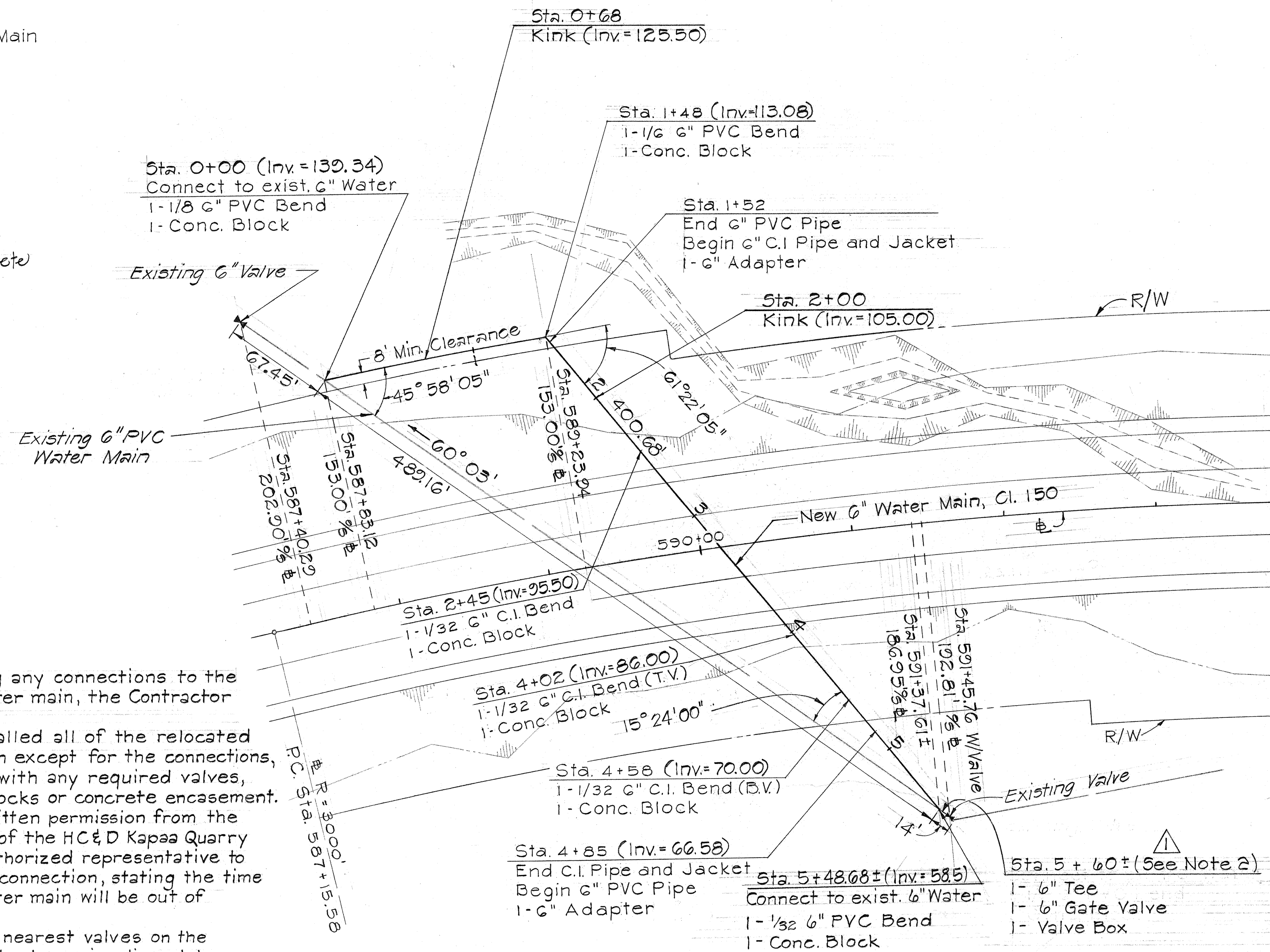
Scale: Horiz. 1" = 50'
Vert. 1" = 10'

NOTES:

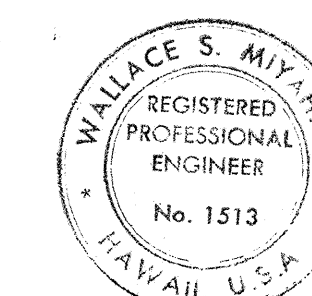
- Before making any connections to the existing 6" water main, the Contractor must:
 - Have installed all of the relocated water main except for the connections, together with any required valves, thrust blocks or concrete encasement.
 - Obtain written permission from the Manager of the HC&D Kapaa Quarry or his authorized representative to make the connection, stating the time the 6" water main will be out of service.
 - Close the nearest valves on the existing 6" water main adjacent to the points of connection.
- HC & D, Ltd. shall furnish all labor, materials, tools and equipment for this work. All costs involved for the installation and any claims arising in connection with this work shall be borne by HC & D, Ltd. This work shall be coordinated with the Contractor, and be so scheduled that it will not interfere with or delay the Contractor's work.

Exist. Valve
Exist. Bend @ Corner
Exist. 6" PVC Water Main

Contractor shall verify invert



PLAN - 6" WATER MAIN
Scale: 1" = 50'



This work was prepared by me or under my supervision.
Wallace S. Miyahara

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HC & D 6" WATER MAIN
RELOCATION PLAN
STA. 590+00

FAI Proj. No. I-H3-1(23)11 I-H3-1(2)11
Scale: As Shown Date: Oct. 1968

SHEET No. 1 OF 1 SHEETS

THIS SHEET SUPERSEDES
SHEET NO. 23

23