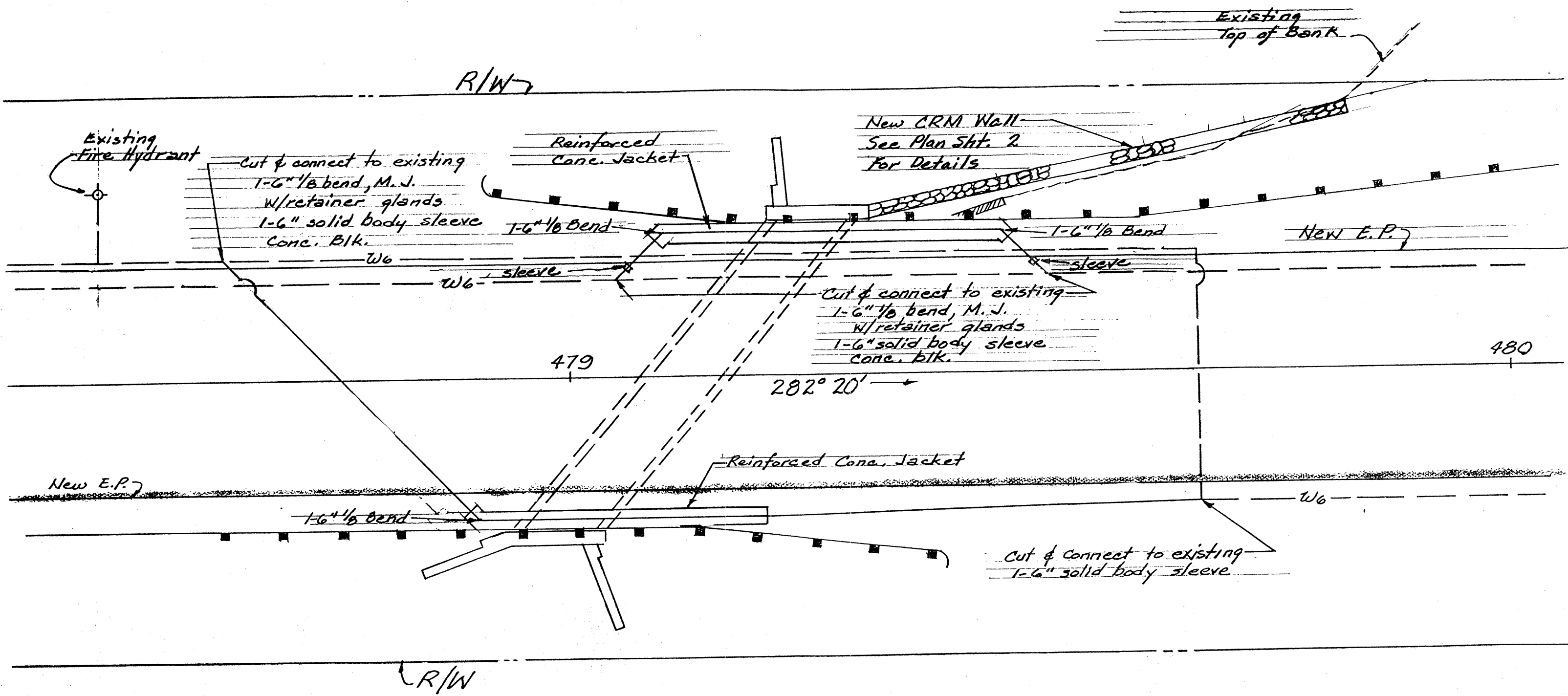


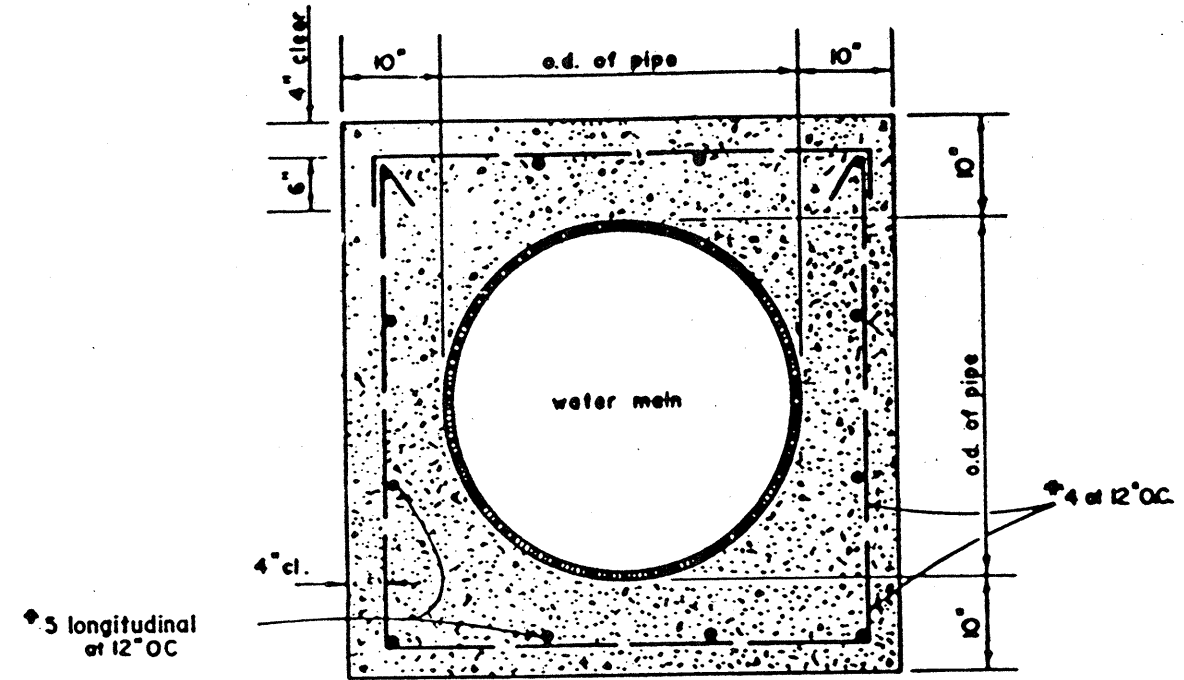
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-0100(28)	1986	25-1	67



NOTE:
 1. Reinforced concrete jacket to conform to Water System Construction Standard Details, pg 104 where clearances permit.
 2. Water lines shall be field adjusted as necessary.

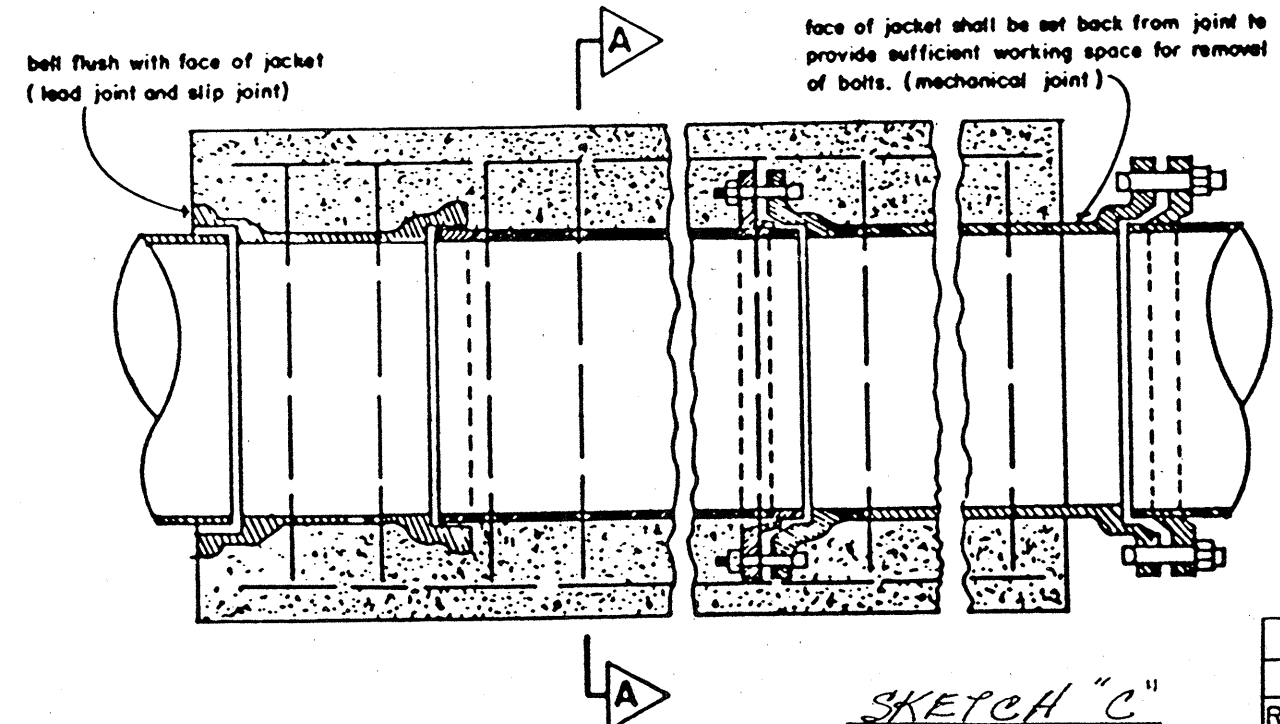
**WATER LINE RELOCATION
 AT STA. 479+12**
 Scale: 1" = 10' - 0"

SKETCH "A"
 CONTRACT CHANGE ORDER No. 7
 KAWAIIHAE RD. SAFETY
 IMPROVEMENT - PHASE II
 PROJ. No. HES-0100(28)
 By R.H. 7/24/87

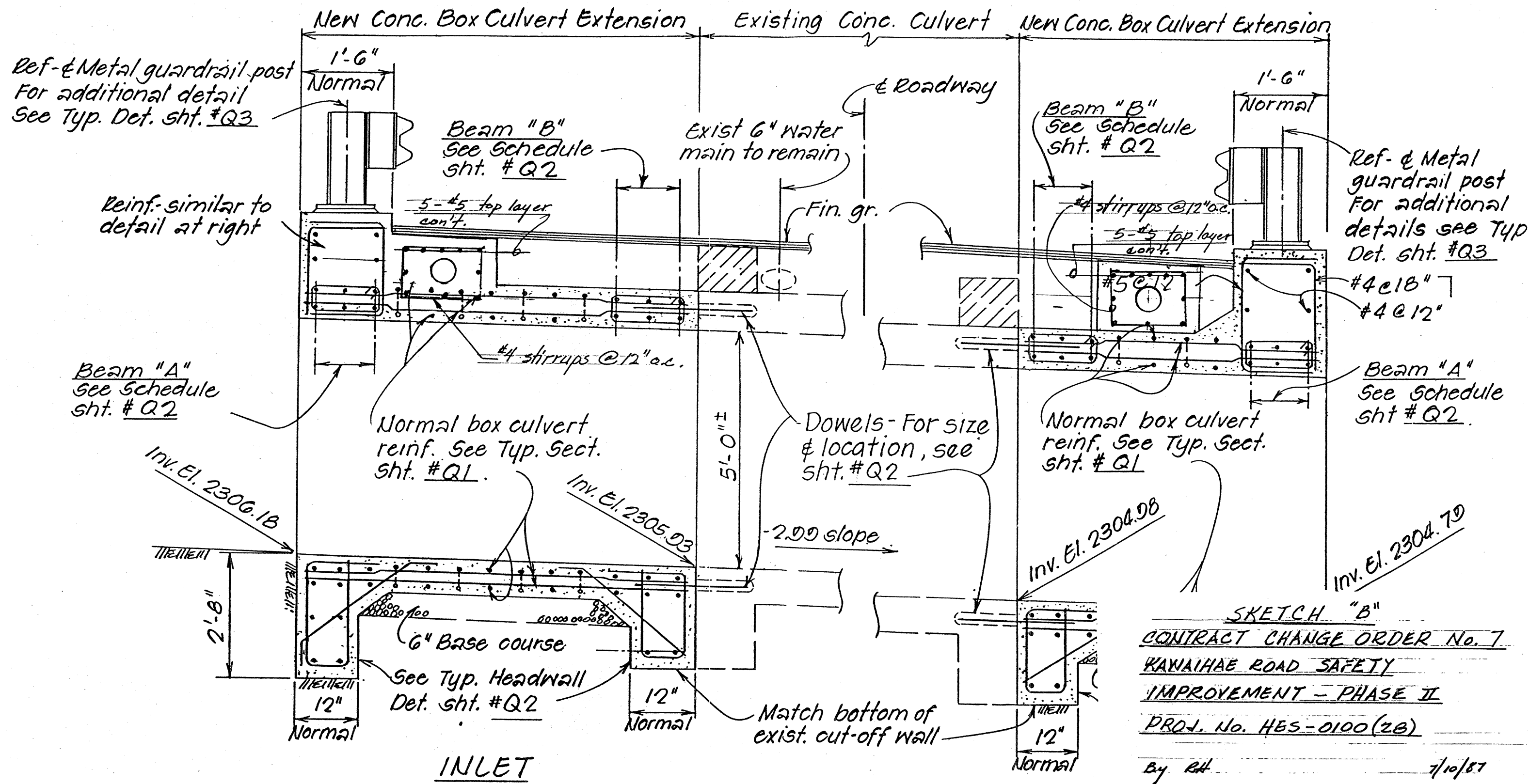


SECTION A-A

- NOTE:**
 1. 2 1/2" depth of lead for lead joint pipe required at all embedded joints. Wherever construction joints are required 6" rubber or neoprene waterstop shall be installed. Waterstop shall be of the type specified and manufactured by the Kinkhill Rubber Company, or approved equal.
 2. No concrete jacketing of A.C. or PVC pipe will be allowed.
 3. Concrete shall be DWS 2500 except under reservoir floor slabs where it shall be DWS 3500.



KAUAI OAHU MAUI HAWAII	REINFORCED CONCRETE JACKET TYPICAL DETAIL SCALE: NTS	STANDARD DETAILS	1985 REVISION 104
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SKETCH "B"
 CONTRACT CHANGE ORDER No. 7
 KAWAIIHAE ROAD SAFETY
 IMPROVEMENT - PHASE II
 PROJ. No. HES-0100(28)
 By R.H. 7/10/87

Note: This tracing prepared during "As-Built" posting.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
WATER LINE RELOCATION PLANS		
KAWAIIHAE ROAD SAFETY IMPROVEMENT PHASE II		
WAIMEA TO KAWAIIHAE		
FA PROJ. NO. HES-0100(28)		
Scale: As Shown	Date: Oct., 1987	
SHEET NO.	OF	SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	