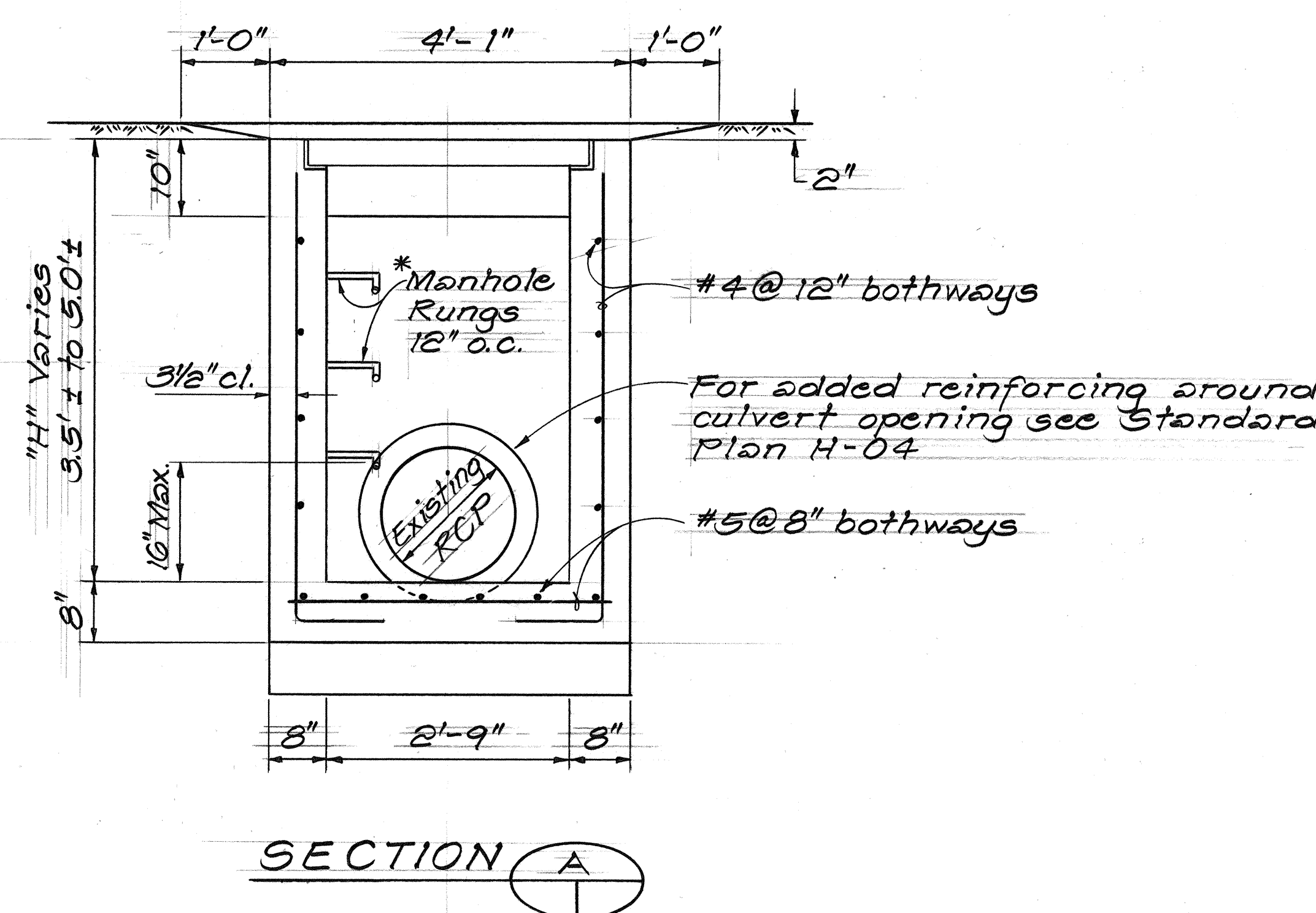
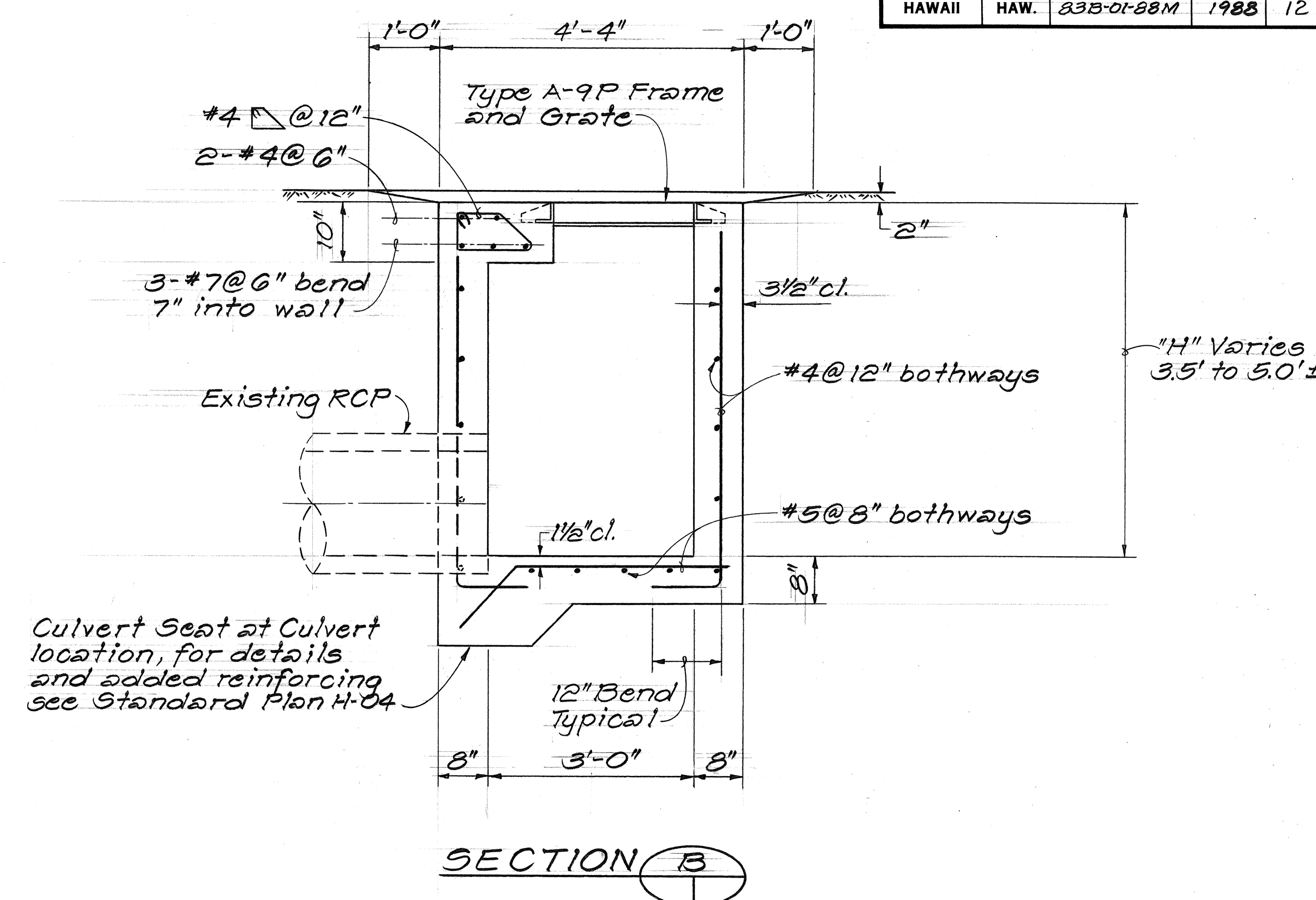
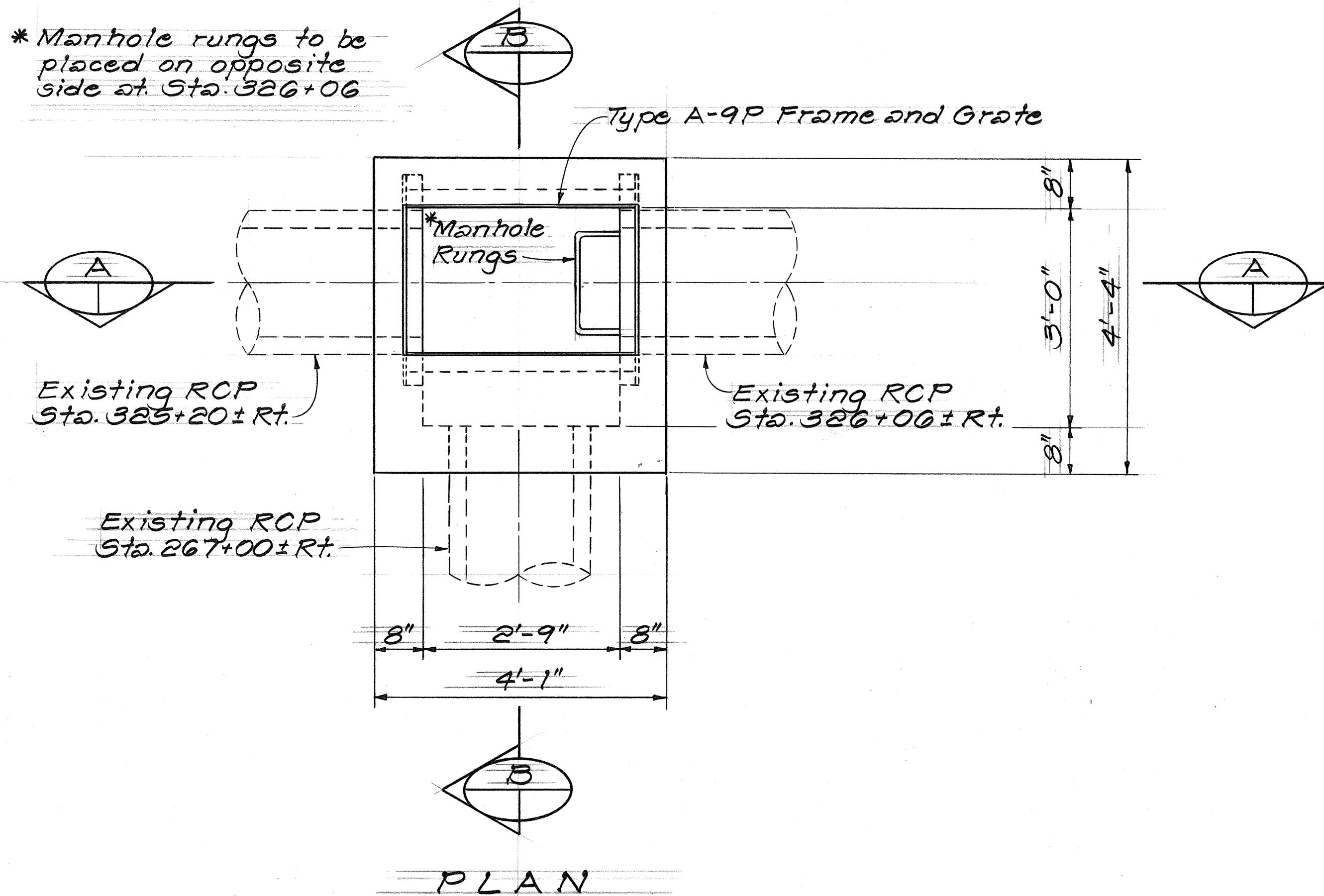


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-88M	1988	12	19



- DRAINAGE NOTES:**
- Existing drainage system will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to the various contract items.
 - Demolishing and removing a portion or the entire existing structure shall not be paid for separately, but shall be considered incidental to the various contract items.
 - Contractor shall verify the locations of all culverts in the field. Any culvert damaged during construction shall be repaired or replaced by the Contractor at his expense.

TYPE A-9P GRATED DROP INLET
Scale: 3/4"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
Kamehameha Highway Resurfacing

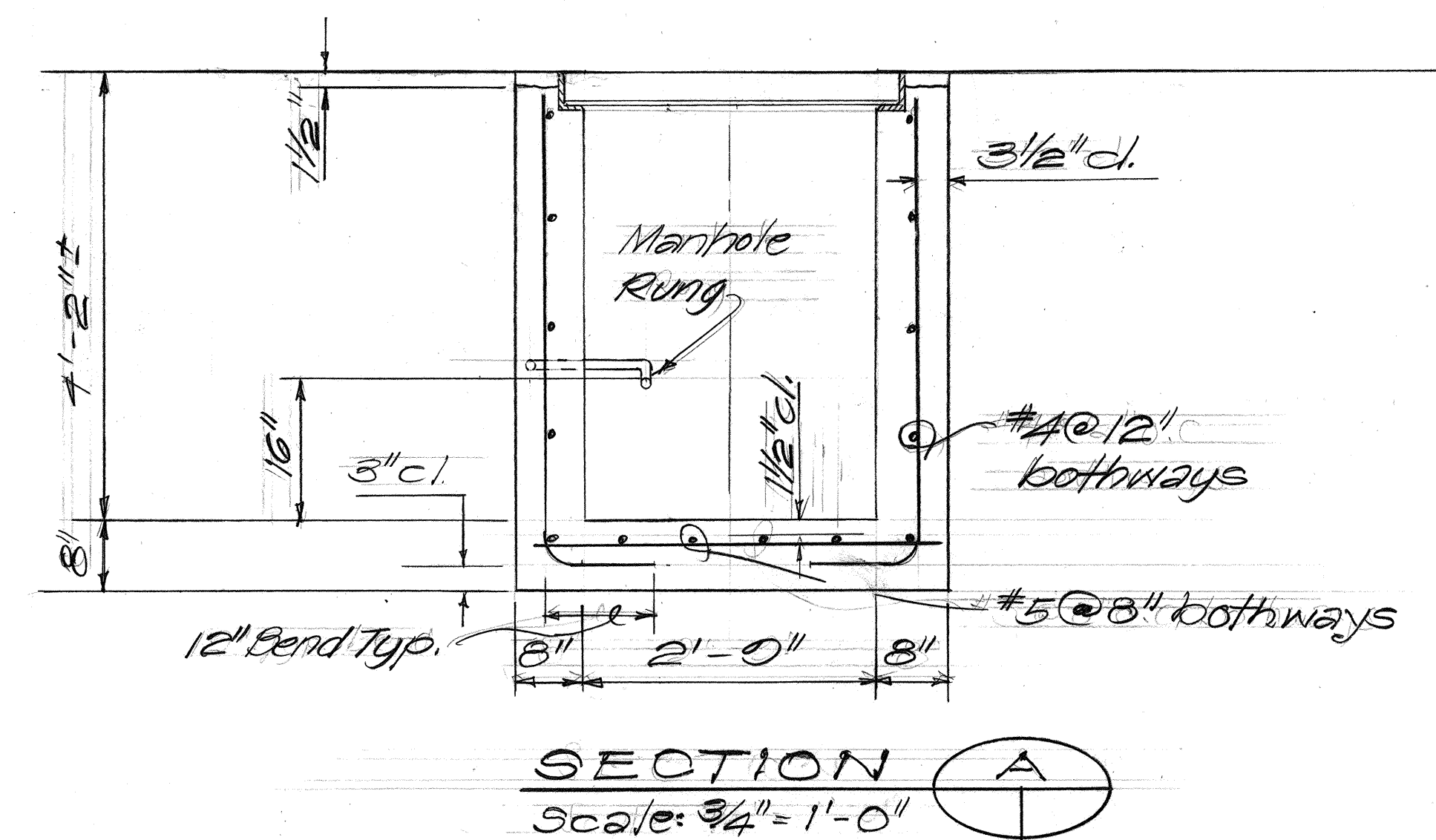
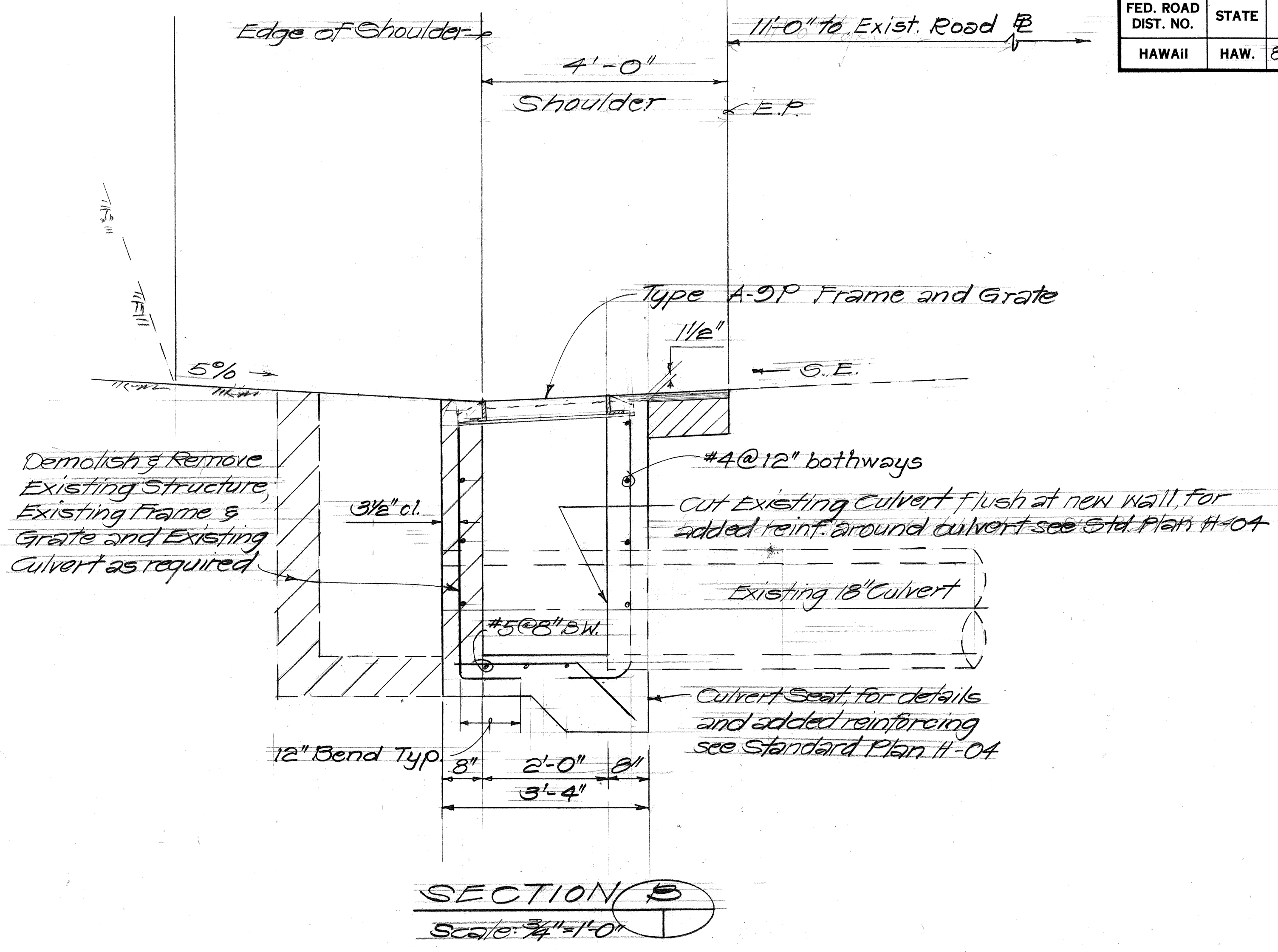
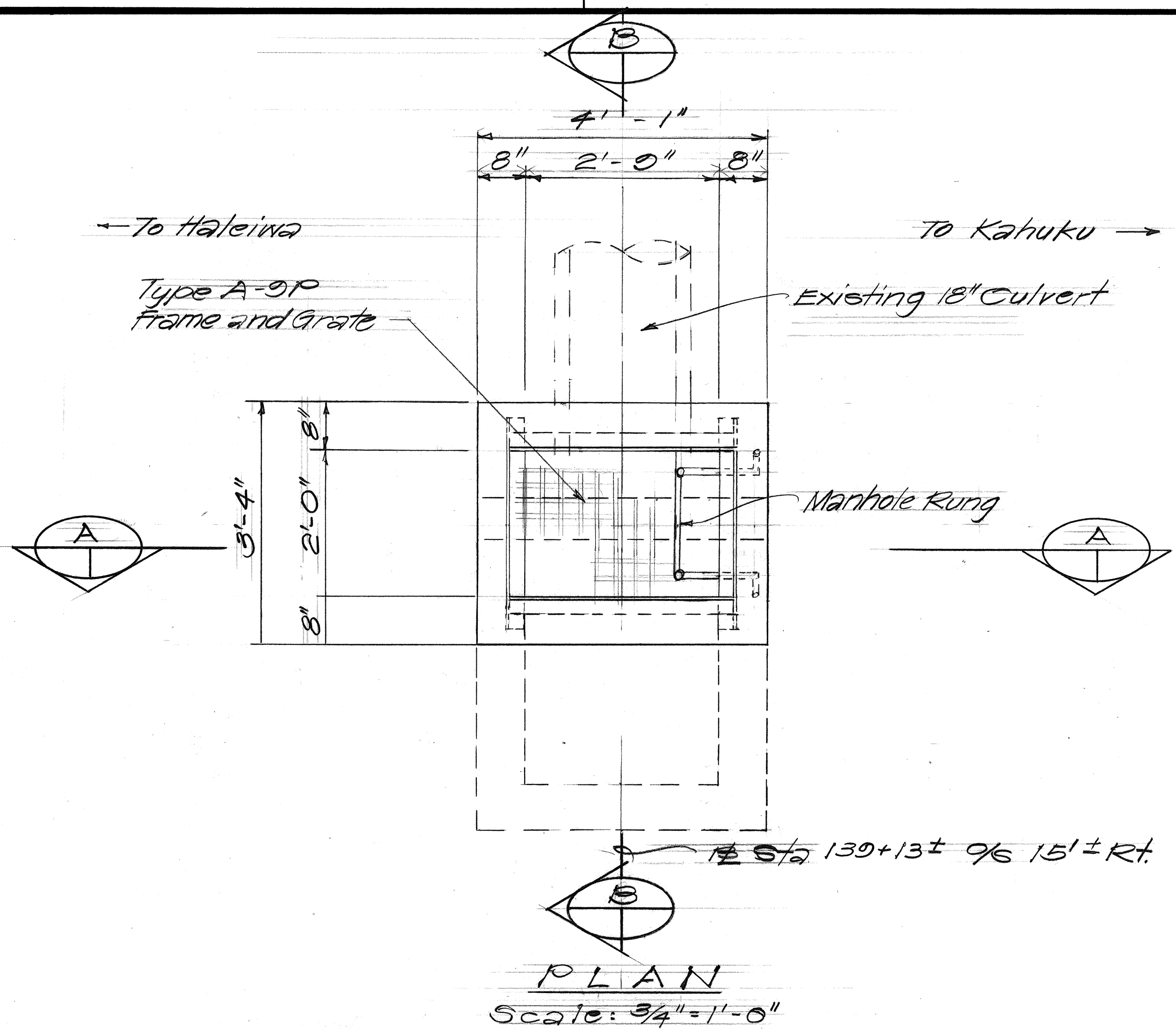
Proj. No. 83B-01-88M

Scale: As Shown Date: Jan. 1988

SHEET No. 11 OF 2 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-88M	1988	13	19



DETAILS OF A-9P GRATED DROP INLET AT STA. 139+13±

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

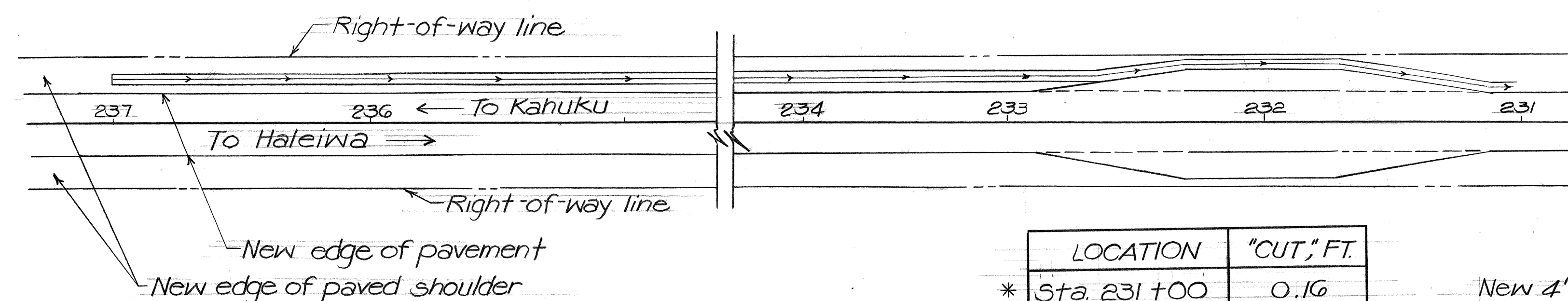
KAMEHAMEHA HWY RESURFACING
PROJECT NO. 83B-01-88M

Scale: As Shown Date: March, 1988

SHEET No. #2 OF 2 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

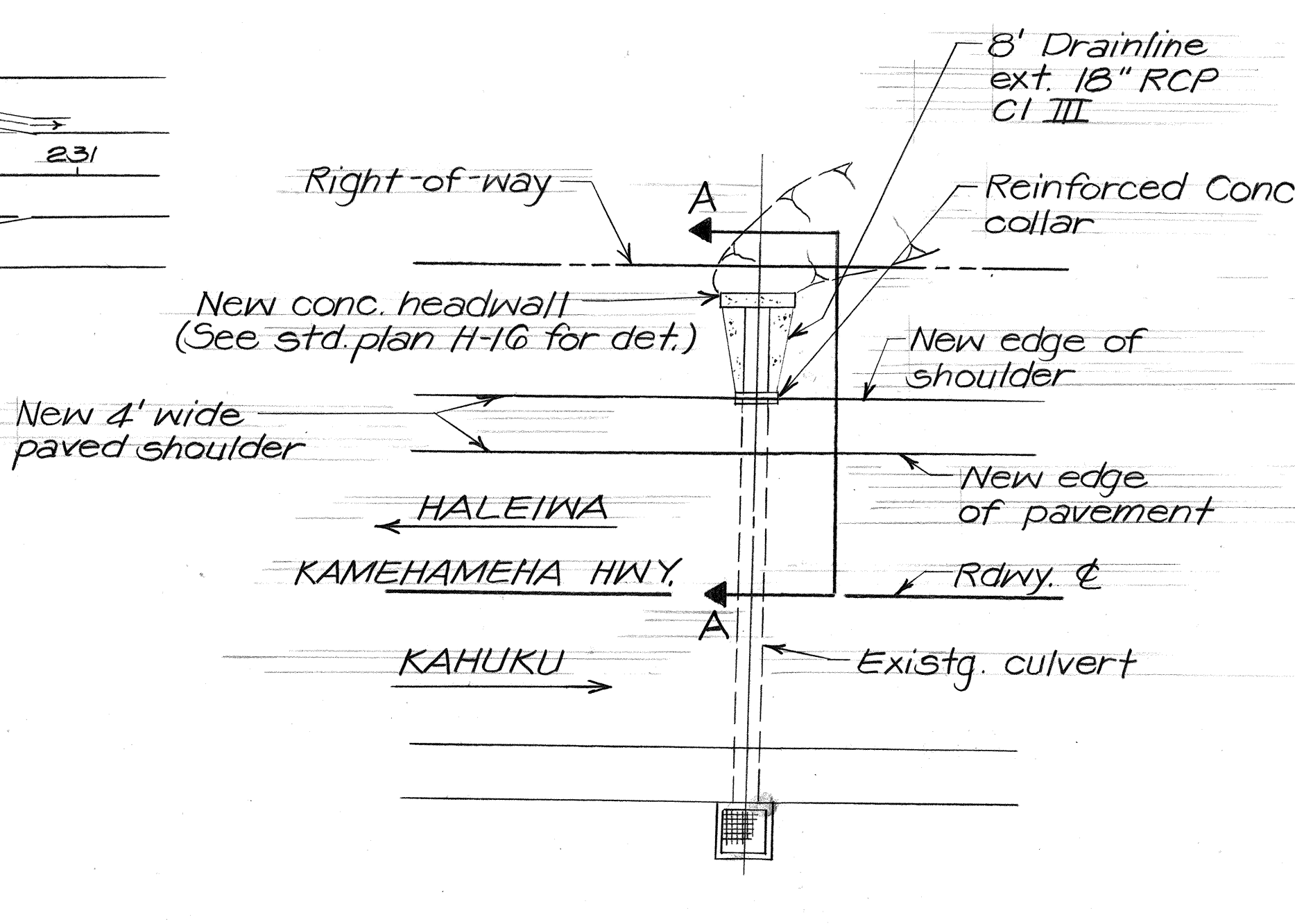
SUNSET BEACH ELEM. SCHOOL



Sta. 231+00± to Sta. 237+00± Rt.
Re-grade unpaved shoulder and construct new 2" thick A.C. Mix No. V lined swale.
See typical sections.

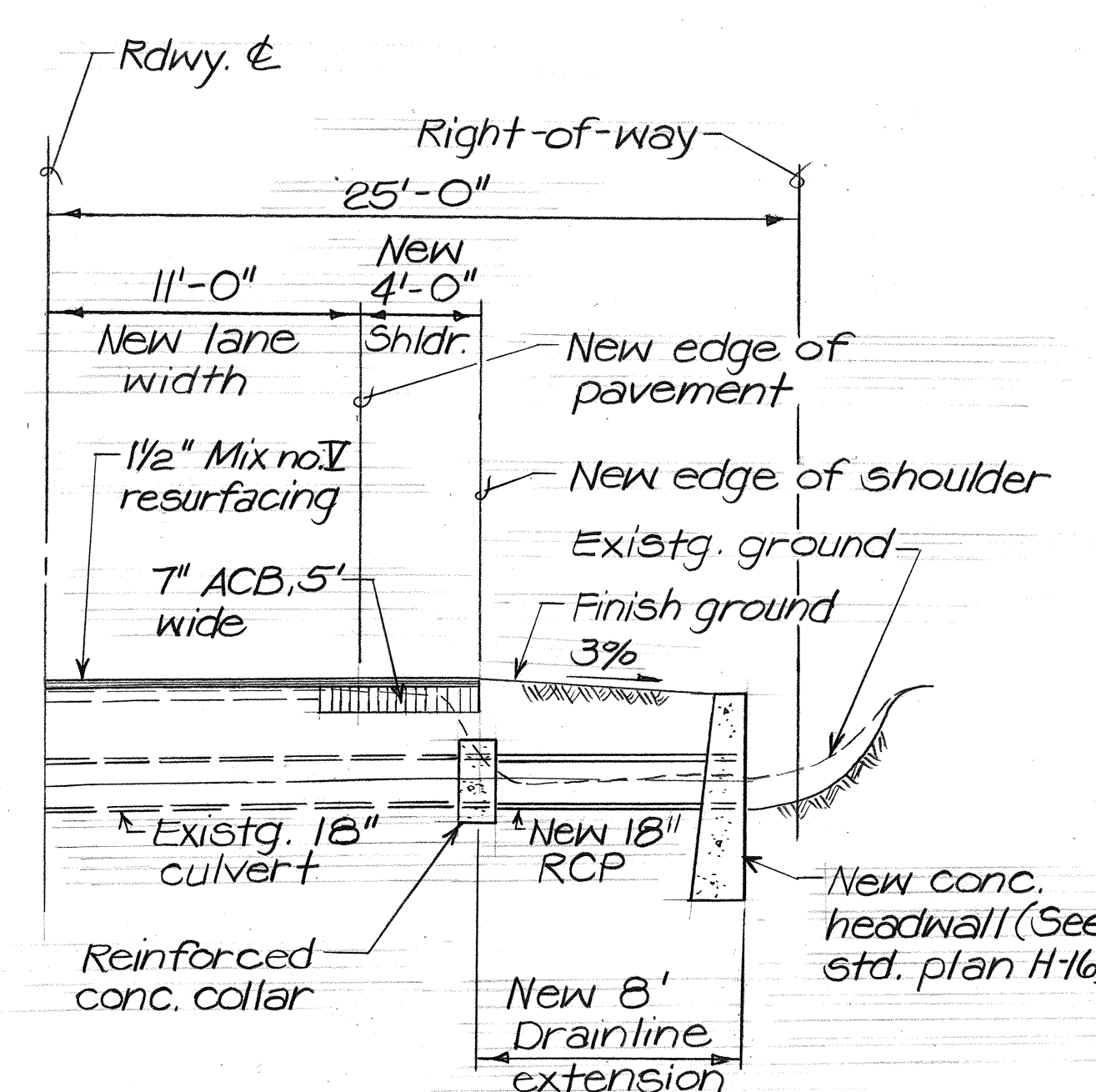
PLAN

LOCATION	"CUT," FT.
* Sta. 231+00	0.16
231+50	0.31
232+00	0.31
232+30	0.38
232+40	0.43
232+50	0.36
233+00	0.22
233+50	0.24
234+00	0.22
234+50	0.20
235+00	0.17
235+50	0.20
236+00	0.38
236+50	0.29
237+00	0.36

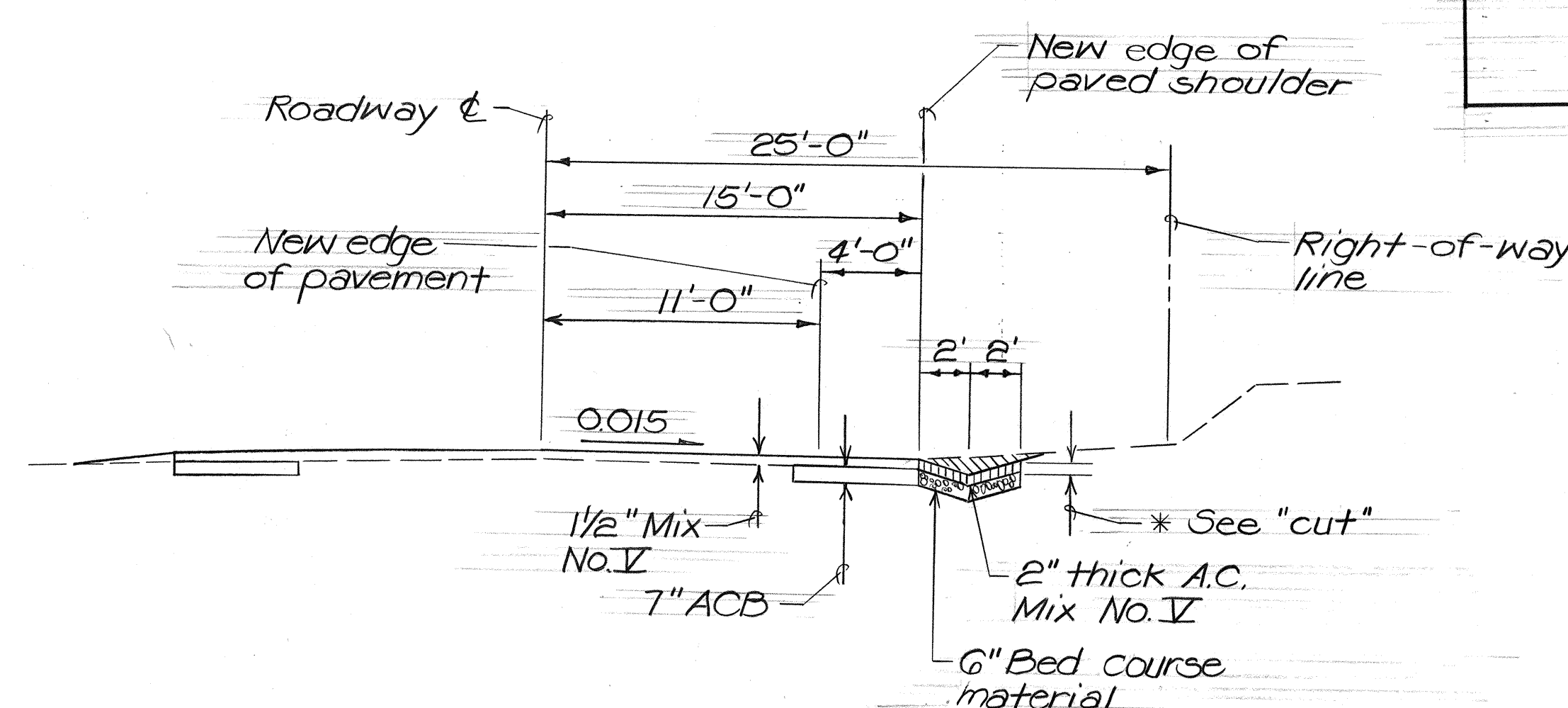


PLAN

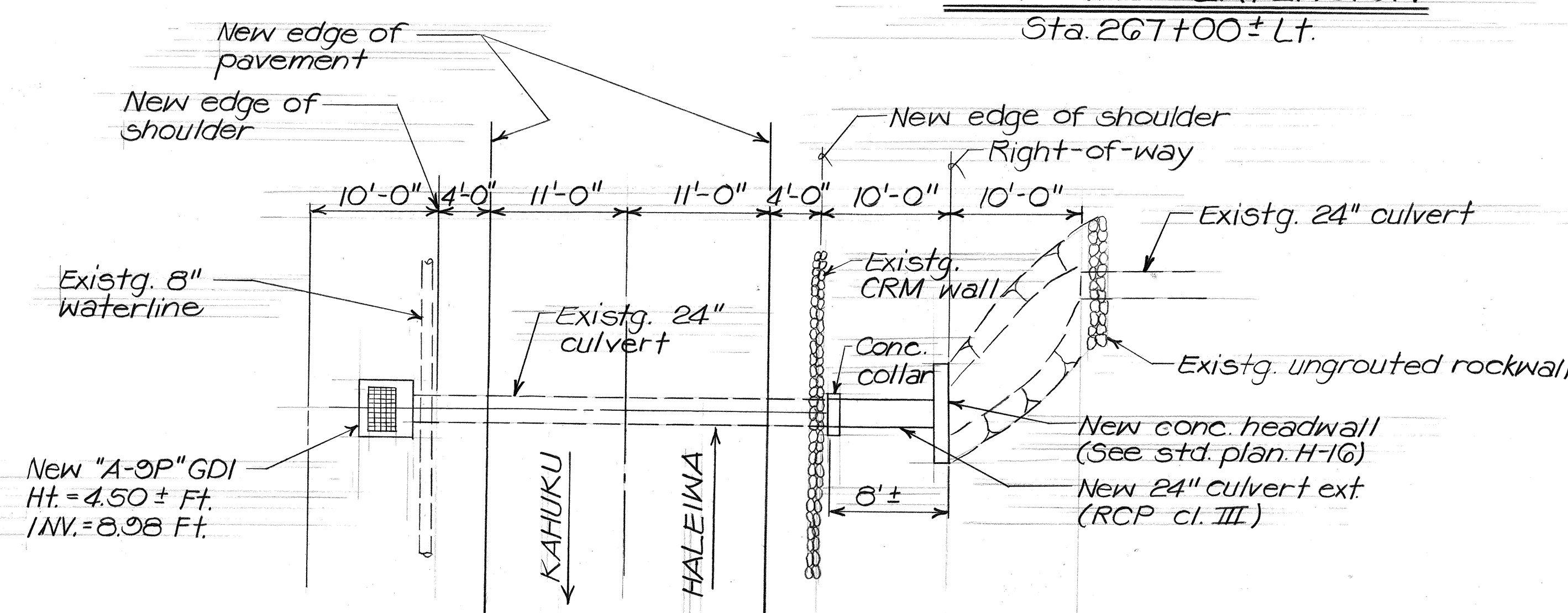
DRAINLINE EXTENSION
Sta. 267+00± Lt.



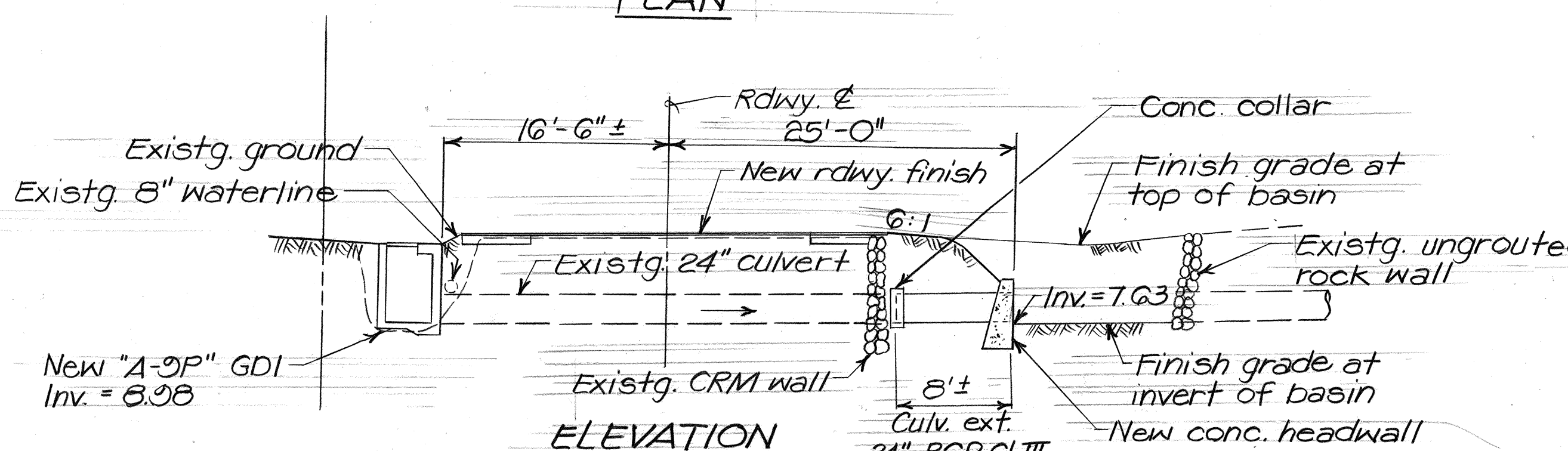
SECTION A-A



TYPICAL SECTION
Sta. 232+00 to Sta. 237+00± Rt.

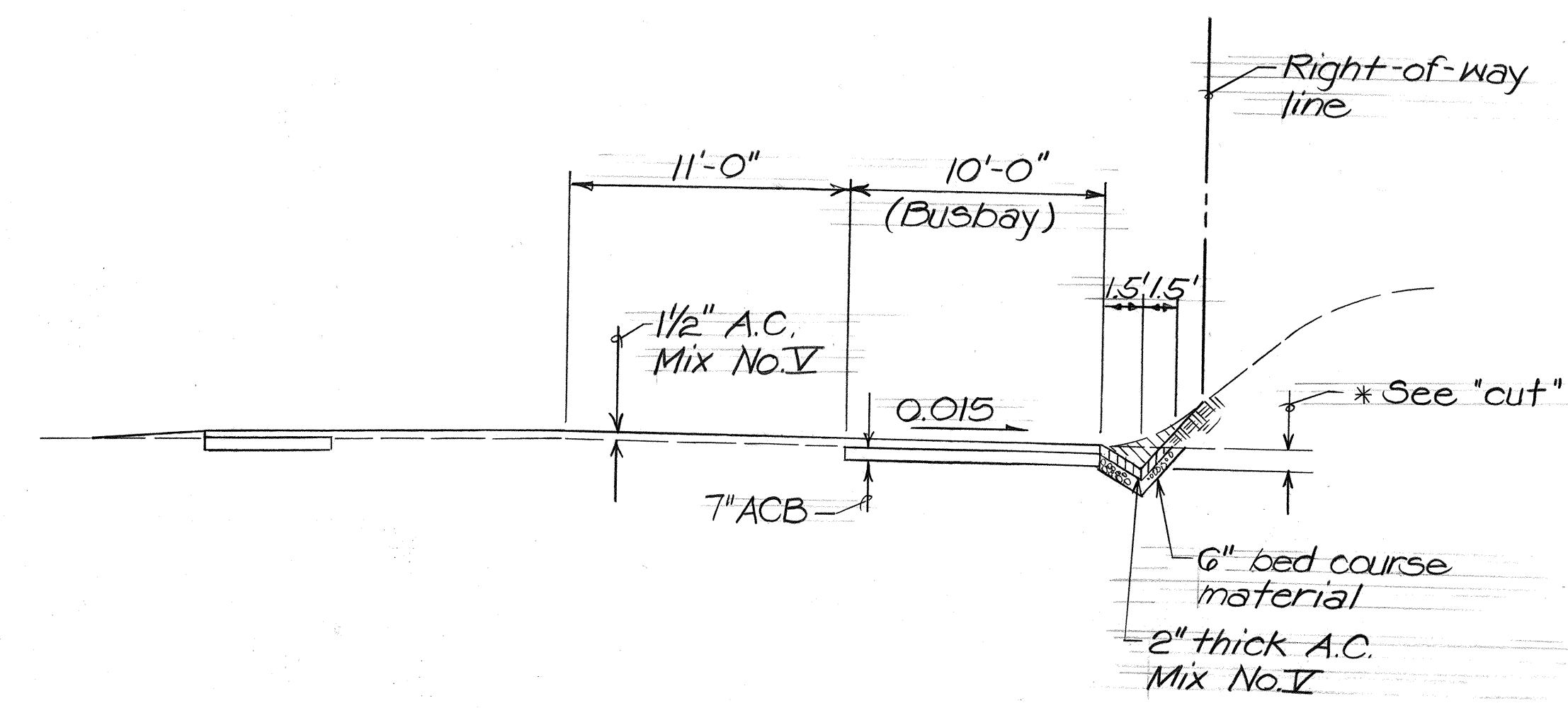


PLAN



ELEVATION

DRAINAGE & SAFETY IMPROVEMENTS
Sta. 257+25±



TYPICAL SECTION
Sta. 231+00± to Sta. 232+00± Rt.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAIL

KAMEHAMEHA HWY. RESURFACING
PROJECT NO. 83B-01-88M

Not To Scale Date: Sept., 1988

SHEET No. H2AOF 2 SHEETS

DATE: _____
SURVEY PLOTTED BY: _____
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
NOTE BOOK: _____
NO. _____