

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IIBC-01-90	1989	21	36

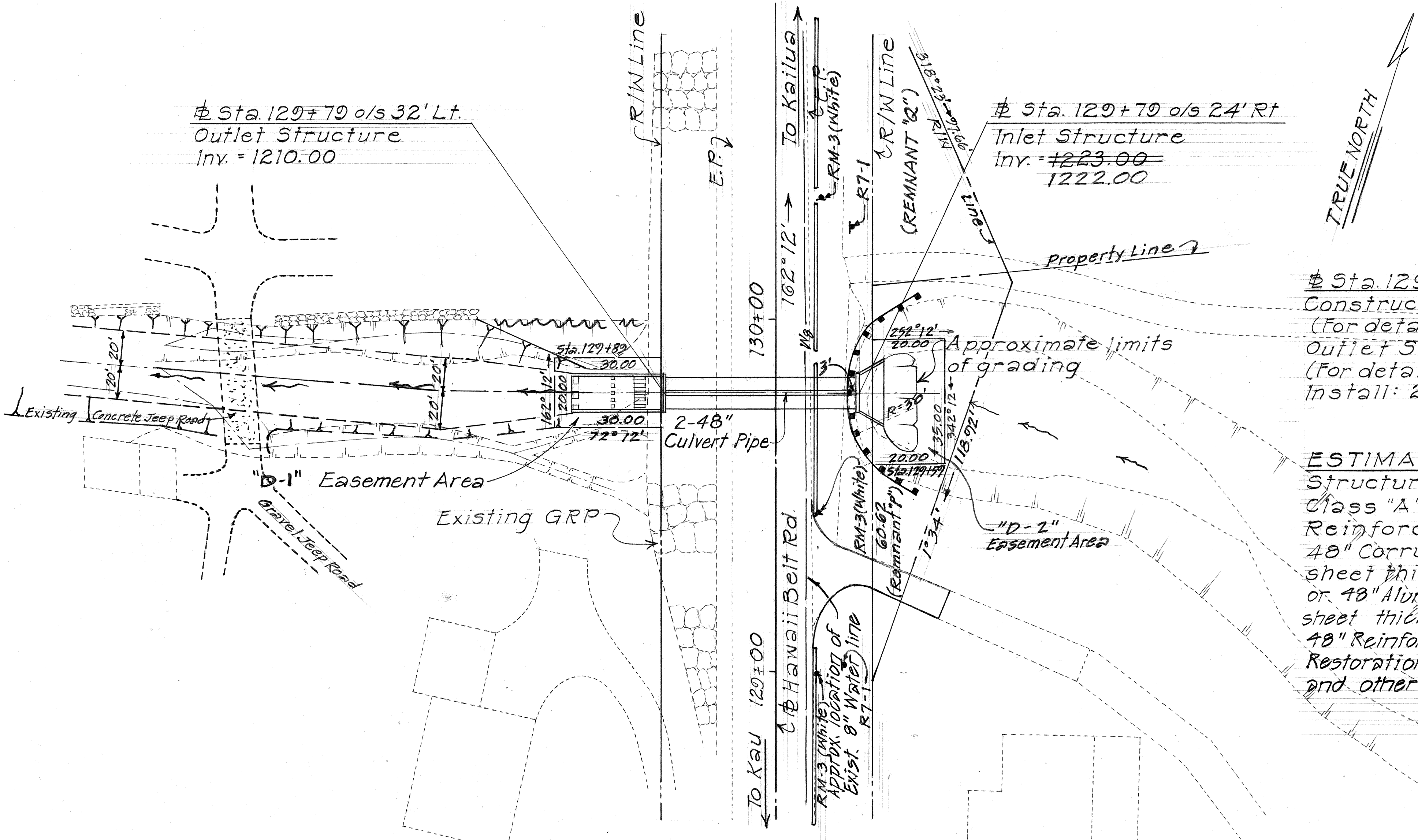
DRAINAGE NOTES:

1. All concrete shall be Class "A"
2. All exposed concrete edges shall be chamfered 1"
3. Grading work at the inlet structure will not be measured and paid for separately but shall be considered incidental to the various contract items.
4. Baseline Station 128+59; Elevation=1225.00'

Sta. 129+79
 Construct: Inlet Structure
 (For details, see Plan sht. no.)
 Outlet Structure
 (For details, see Plan sht. no.)
 Install: 2-48" Culvert Pipe.

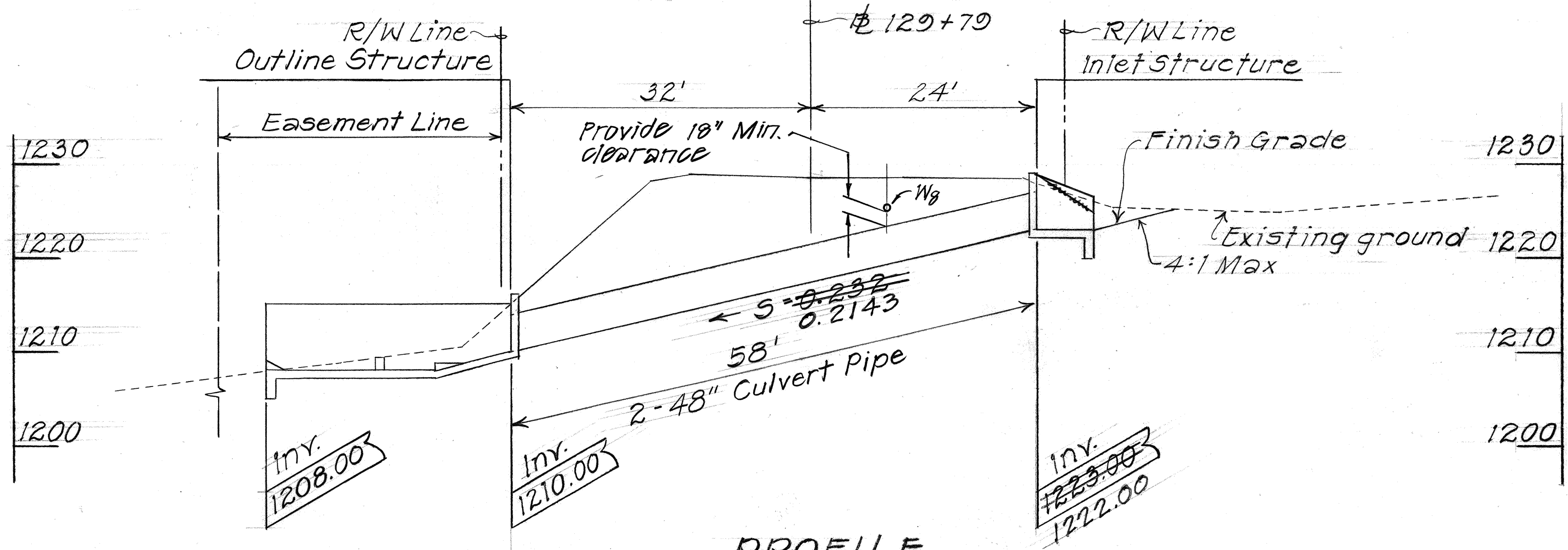
ESTIMATED QUANTITIES

Structural Excavation = 320 C.Y.
 Class "A" Concrete = 25 C.Y.
 Reinforcing Steel = 2650 Lbs.
 48" Corrugated Metal Pipe,
 sheet thickness, 0.109 inch
 or 48" Aluminum Corrugated Pipe,
 sheet thickness, 0.109 inch or
 48" Reinforced Concrete Pipe, Class III = 116 L.F.
 Restoration of existing Highway
 and other improvements. = 660 S.F.



PLAN

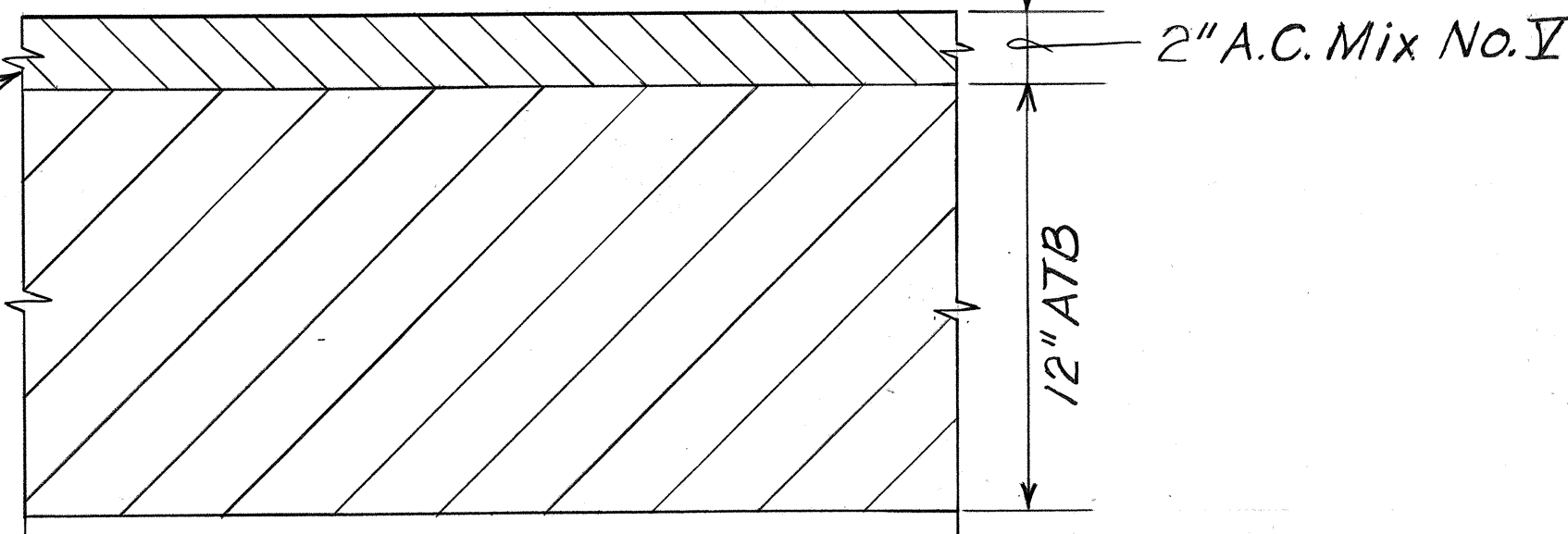
Scale: 1" = 20'



PROFILE

Scale: 1" = 10'

Feather New A.C. Riding Surface to meet existing pavement grade.



TYPICAL PAVEMENT RESTORATION

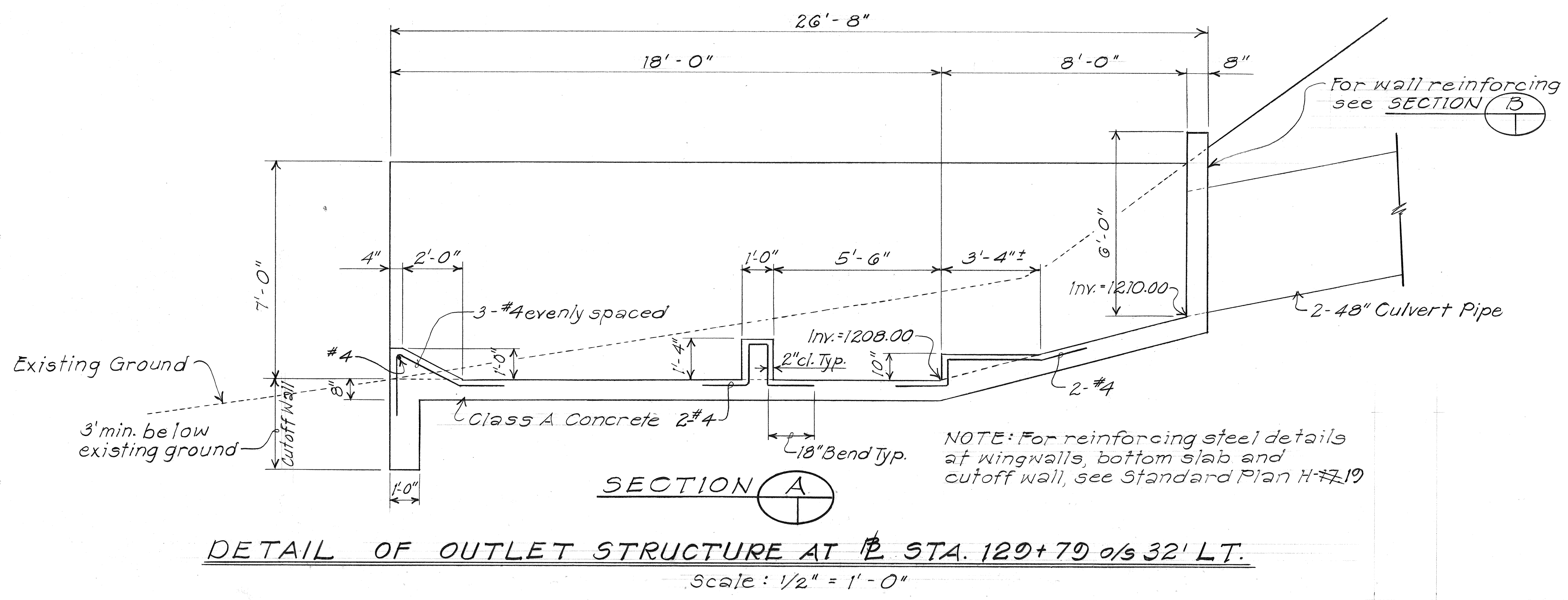
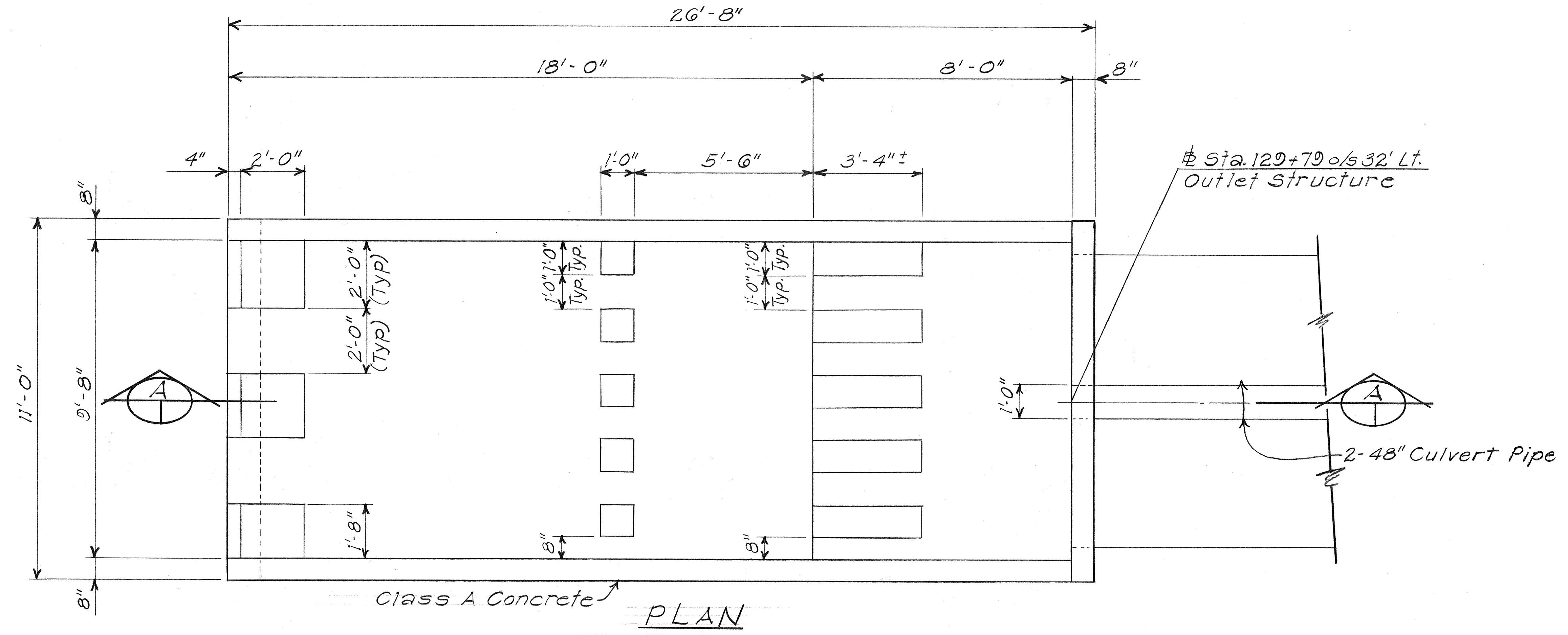
Not to Scale

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SITE 8
 INSTALLATION OF NEW CULVERT

HAWAII BELT ROAD
 SPOT IMPROVEMENTS
 PAPA TO HONAUNAU - UNIT 1
 PROJECT NO. IIBC-01-90

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IIBC-01-90	1989	22	36



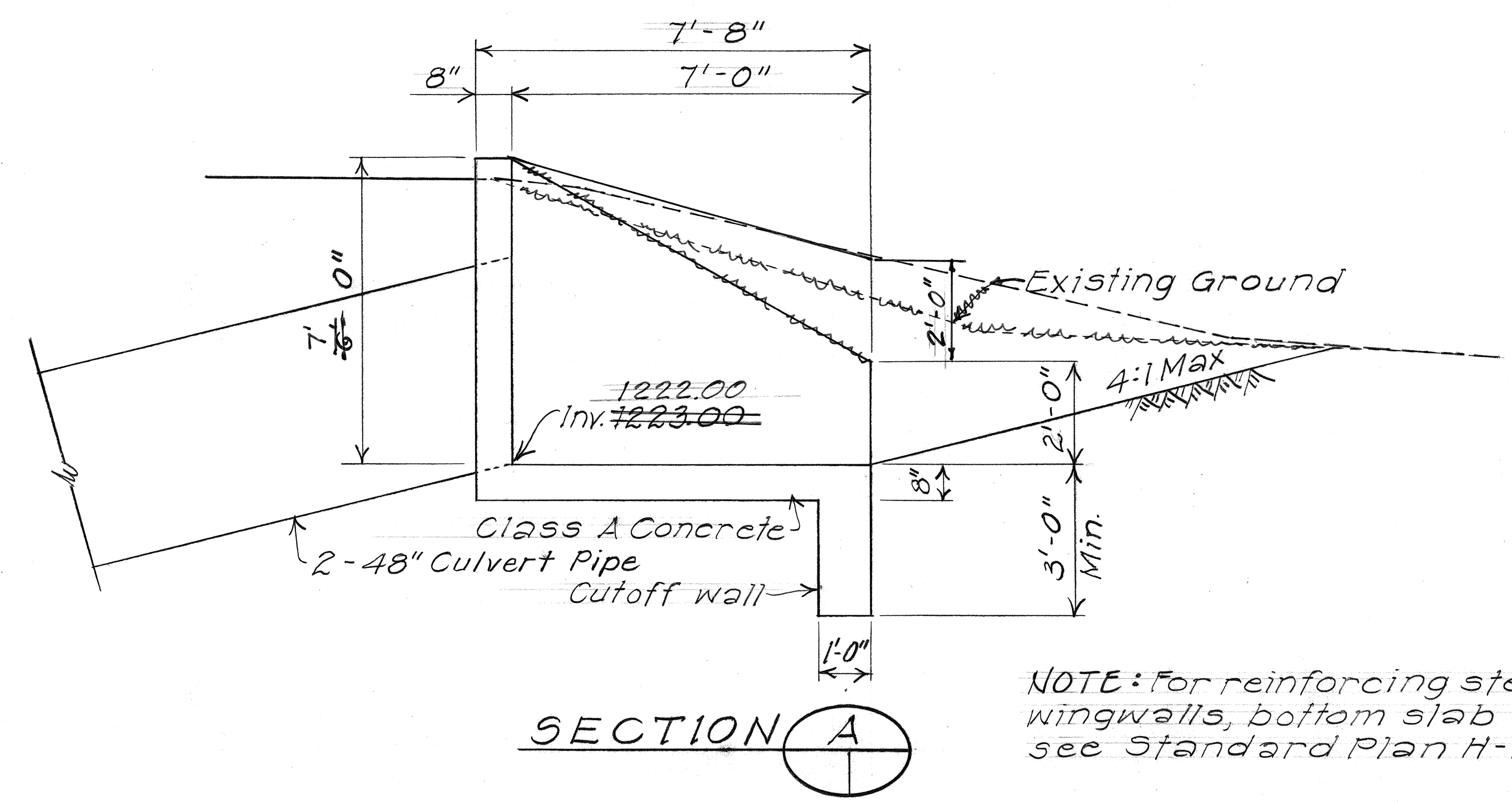
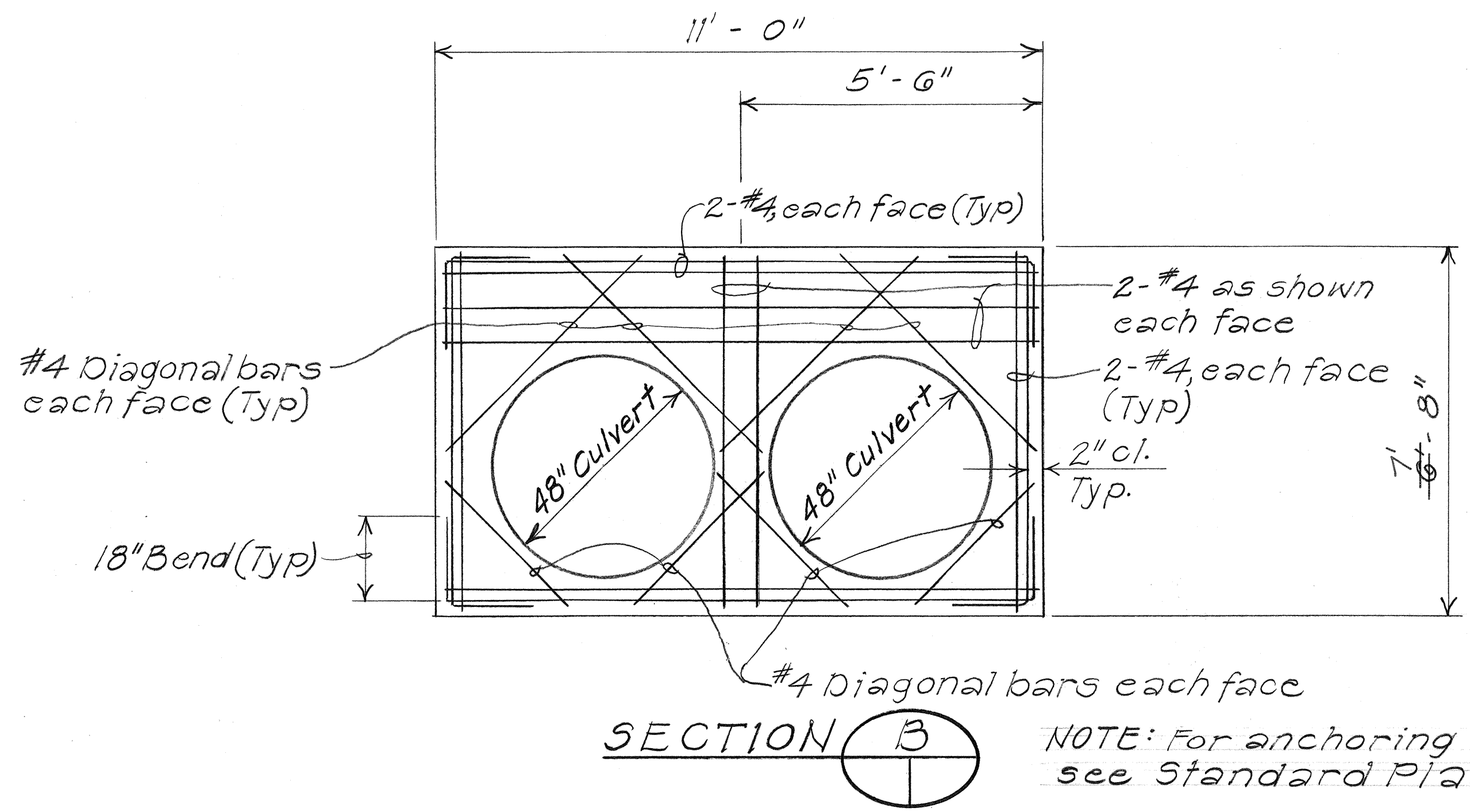
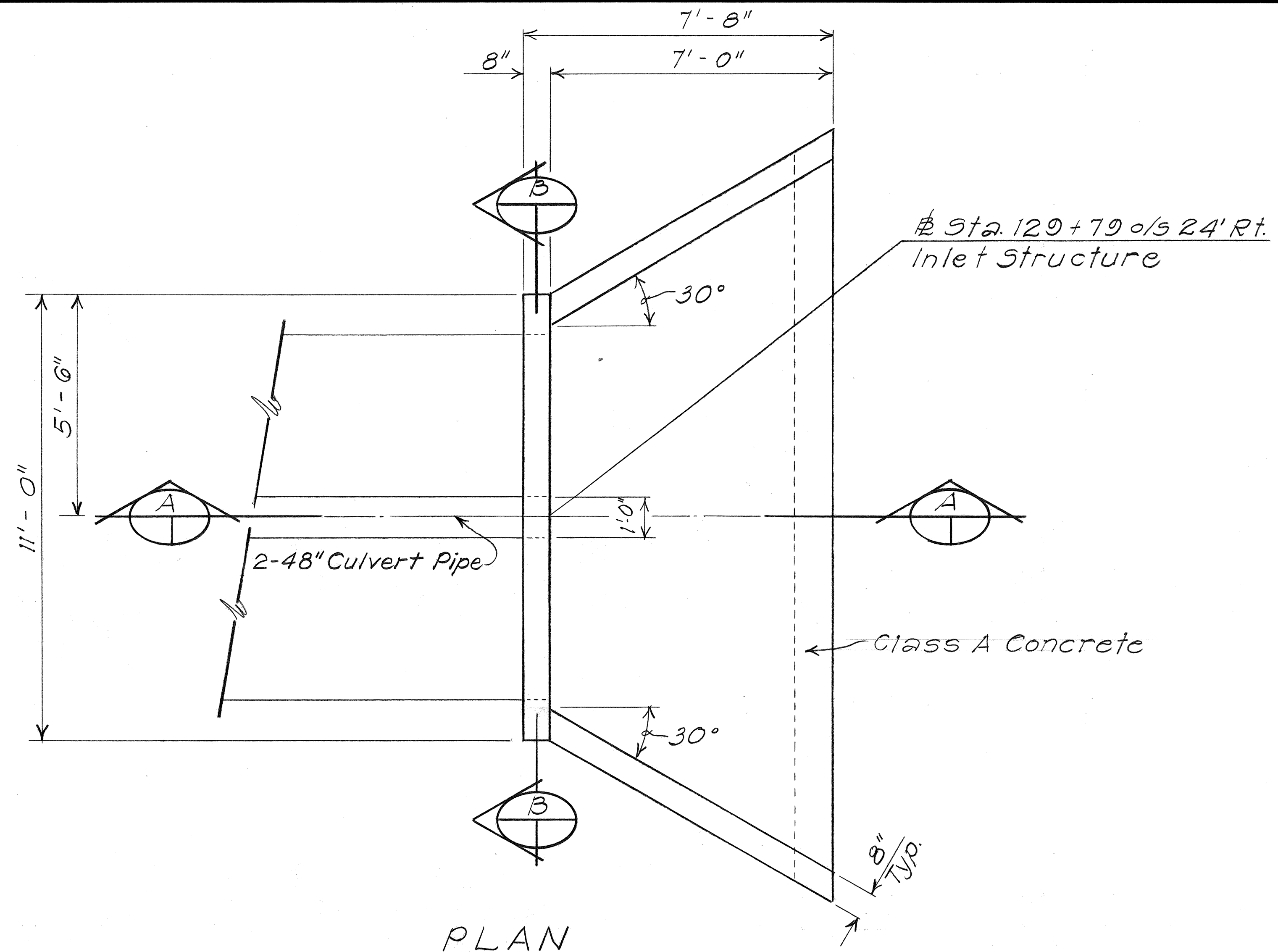
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE 8
INSTALLATION OF NEW CULVERT

HAWAII BELT ROAD
SPOT IMPROVEMENTS
PAPA TO HONAUNAU - UNIT I
PROJECT NO. IIBC-01-90

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IIBC-01-90	1989	23	36



NOTE: For reinforcing steel details at wingwalls, bottom slab and cutoff wall, see Standard Plan H-17.

DETAIL OF INLET STRUCTURE AT STA. 129+79 o/s 24' RT.
Scale: 1/2" = 1'-0"

STATE OF HAWAII
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SITE 8
INSTALLATION OF NEW CULVERT

HAWAII BELT ROAD
SPOT IMPROVEMENTS
PAPA TO HONAUNAU - UNIT I
PROJECT NO. IIBC-01-90

SHEET No. 3 OF 3 SHEETS

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