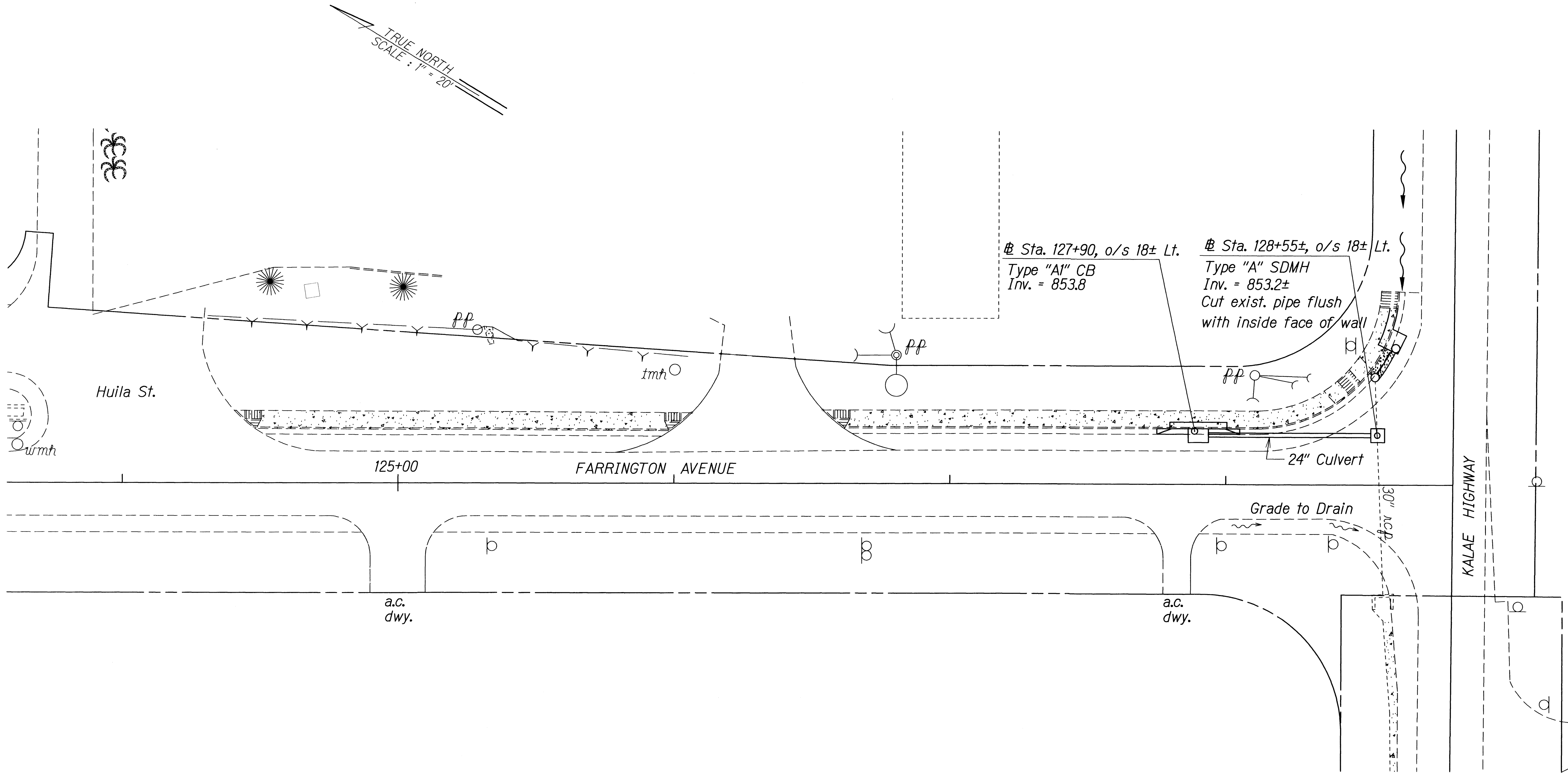


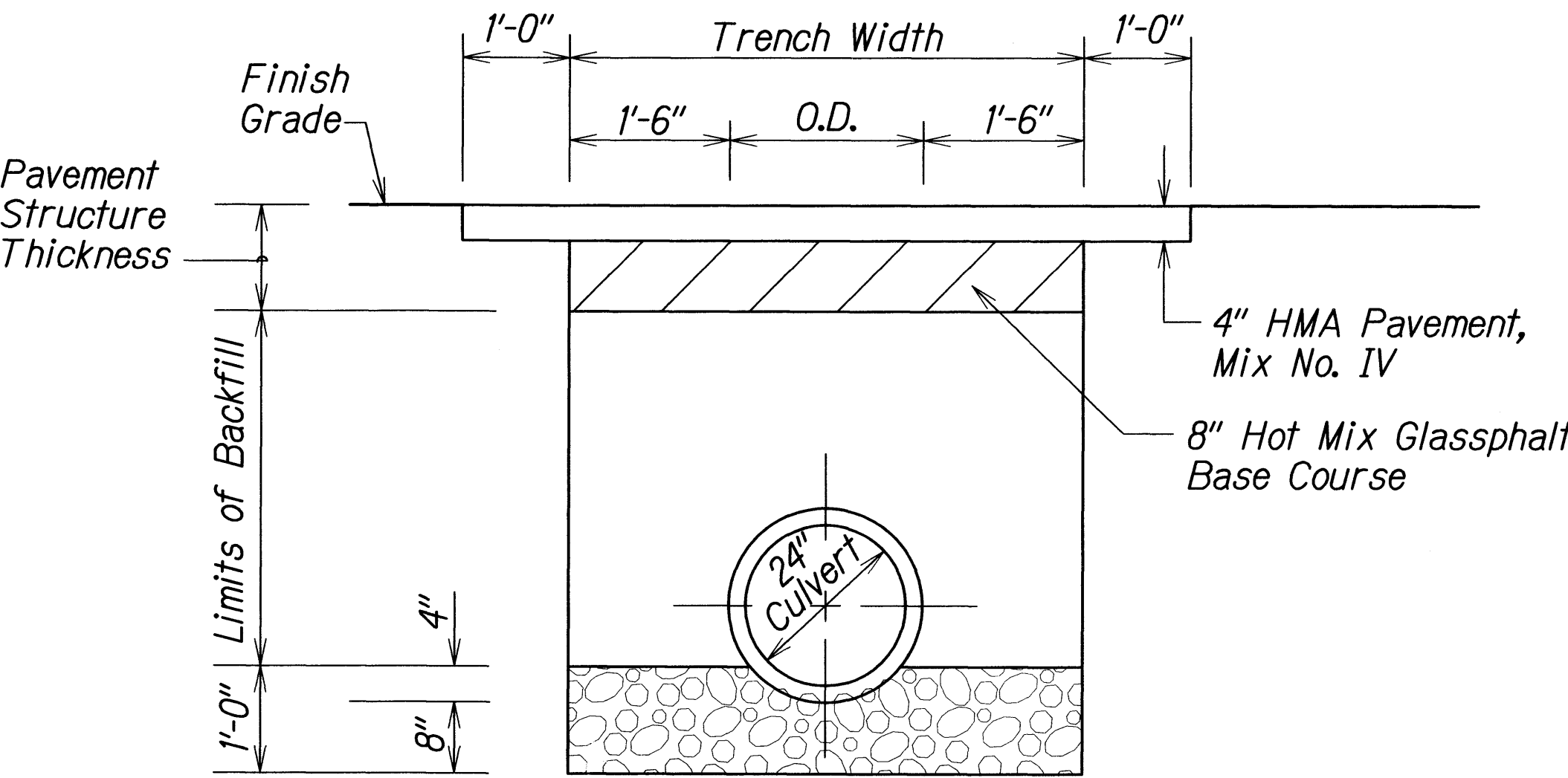
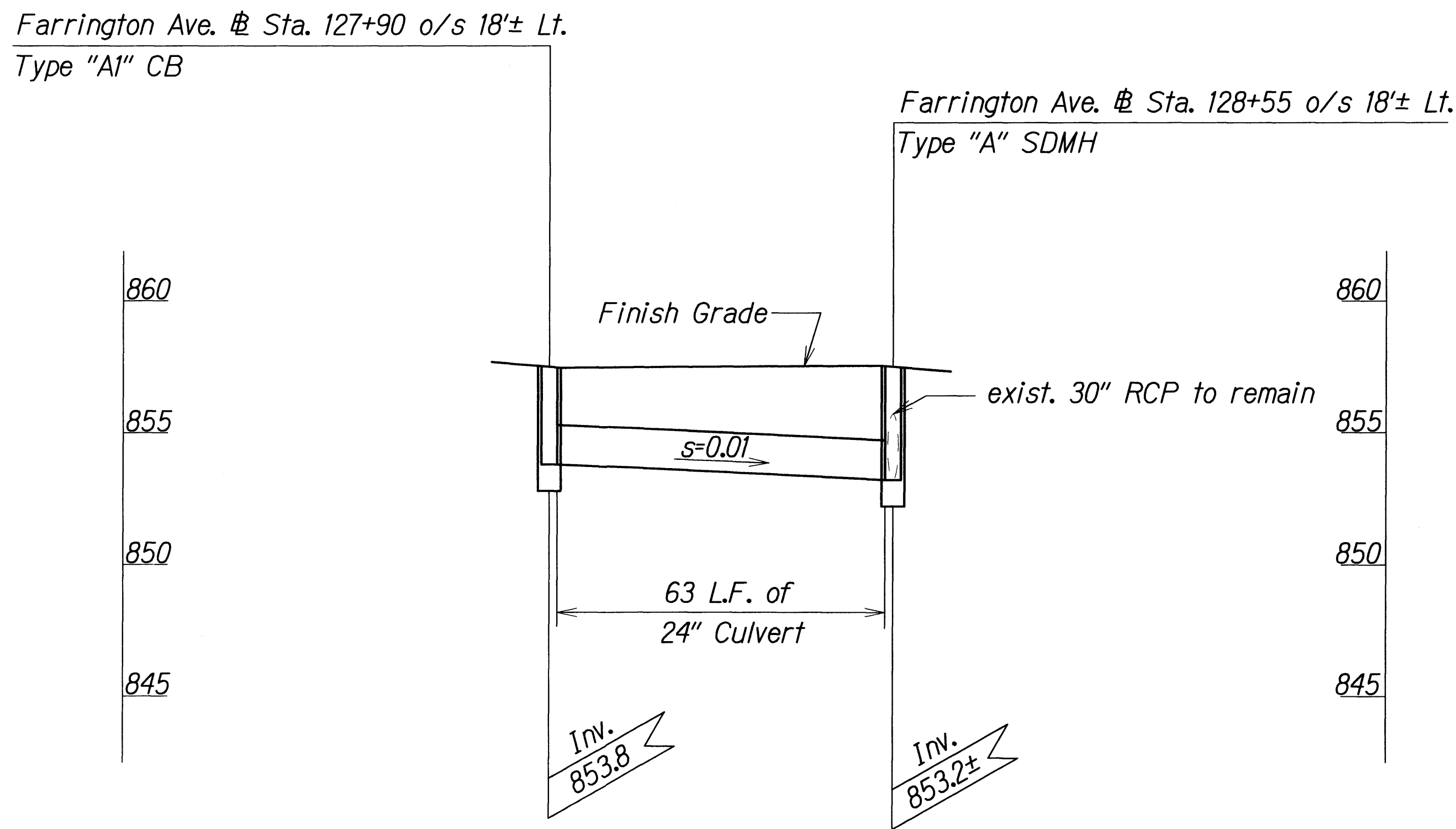
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	21	35



ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
TRACED BY	
DRAWN BY	
PLOTTED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE PLAN
Puupeelua Avenue Resurfacing
Maunaloa Highway to Farrington Avenue and
Farrington Avenue Resurfacing
Puupeelua Avenue to Kalae Highway
Federal-Aid Project No. ARR-0480(3)
Scale: 1" = 20' Date: February, 2009

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-0480(3)	2009	22	35



**TYPICAL DETAIL OF CULVERT
TRENCH AND BACKFILL
RESTORATION IN ROADWAY**

Scale: 3/4"= 1'-0"

PROFILE - ALONG @ CULVERTS @ STA. 127+90 O/S 18' LT. TO @ STA. 128+55 O/S 18± LT.

Scale: Vert. 1"= 4'
Horz. 1"= 20'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	12/11/08
DESIGNED BY	DESIGNED BY	
CHECKED BY	CHECKED BY	
APPROVED BY	APPROVED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILE & DETAILS
PUUPEELUA AVENUE RESURFACING
Maunaloa Highway to Farrington Avenue and
FARRINGTON AVENUE RESURFACING
Puupeelua Avenue to Kalae Highway
Federal-Aid Project No. ARR-0480(3)
Scale: As Shown Date: February, 2009