

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	58A-01-74	1974	2	4

HALE KAUA'I
PLANT AREA

GENERAL NOTES:

- Grates and Frames shall be hot dip galvanized after fabrication. See Specification.
- The frame and grate materials shall conform to the Specifications of A.S.T.M. Designation, Structural Steel A-283, Grade D and the Standard Specifications.
- Manhole rungs (16" O.C.) are required when depth is greater than 4 feet 6 inches. Only one rung (12 inches from the bottom) is required if depth is 4 feet 6 inches or less. This work shall be incidental to the Item "Concrete Other than in Bridges".
- Reinforcing Steel (Incidental to the Item "Concrete Other than in Bridges") in walls shall be #4 bars @ 18" O.C. placed 1/2" clear to inside of box unless otherwise shown.
- Drop Intake floor shall have a minimum slope of 1/8" 3' from all direction towards pipe opening.
- Curb face angle iron of Conc. Drop Intake shall match adjacent Type G A.C. Curbing.

Sta. 95+50 to Sta. 101+00 Rt.
Construct Paved Shoulder (hatched)
and Type G Curbing.
Est. Quant:
Agg. Base Course 76 c.y.
Prime Coat 340 gal.
A.C. Pavt. Mix V 50 ton.
Curb, Type G 550 l.f.

Sta. 100+64 ± Rt.
Install 24 Inch C.M.P., Sht. "t" = 0.073"
Construct 1- Conc. Drop Intake,
1- Conc. Box Outlet, GRP Slope
Protection, Conc. Foundation.
Est. Quant.:
Struc. Exc. 48 c.y.
Class A Conc. 6.0 c.y.
GRP 1.0 c.y.
24" Culvert 62 l.f.
Steel Frame & Grate 1 ea.
Reinforcing Steel 40 lbs.

± CURVE DATA
Δ = 31° 40' 00"
ΔE = 15' 50' 00"
R = 700.00'
T = 128.52'
C = 381.98'
Lc = 386.88'
SE = 0.10'/ft.

PROFILE @ ± PIPE
Scale: 1/4" = 1'-0"