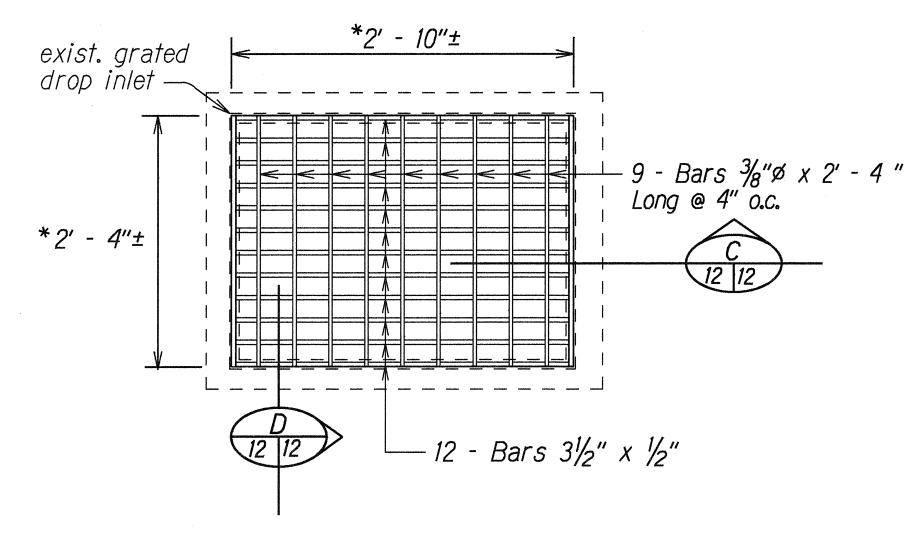
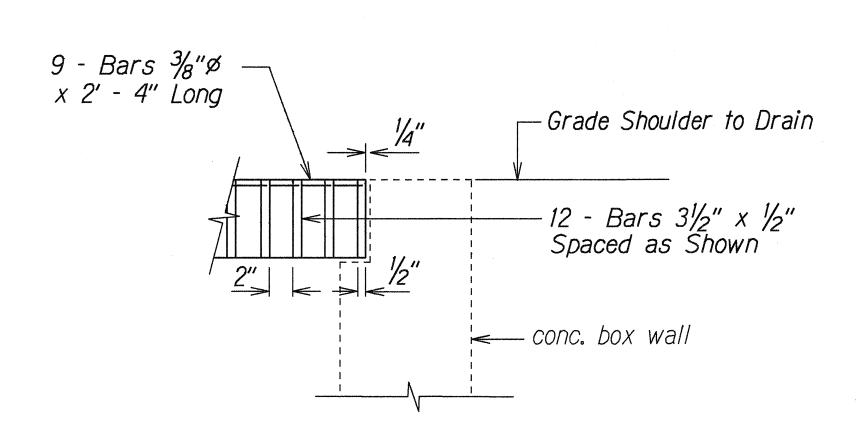


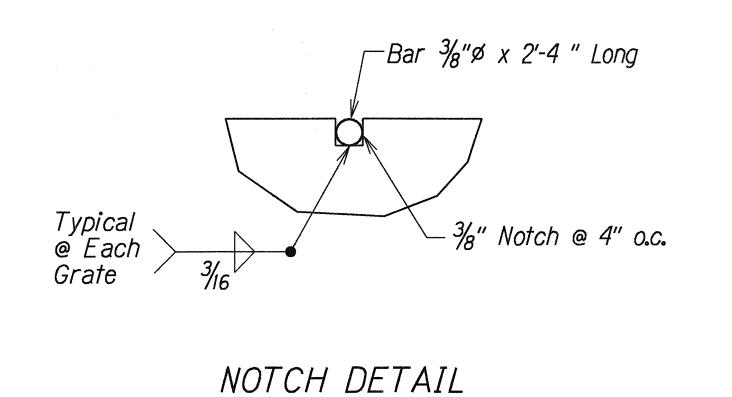
	FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII	HAW.	50C-01-00M	2000	12	24



PLAN - TYPE A-9P MODIFIED STEEL GRATE (TYP.)

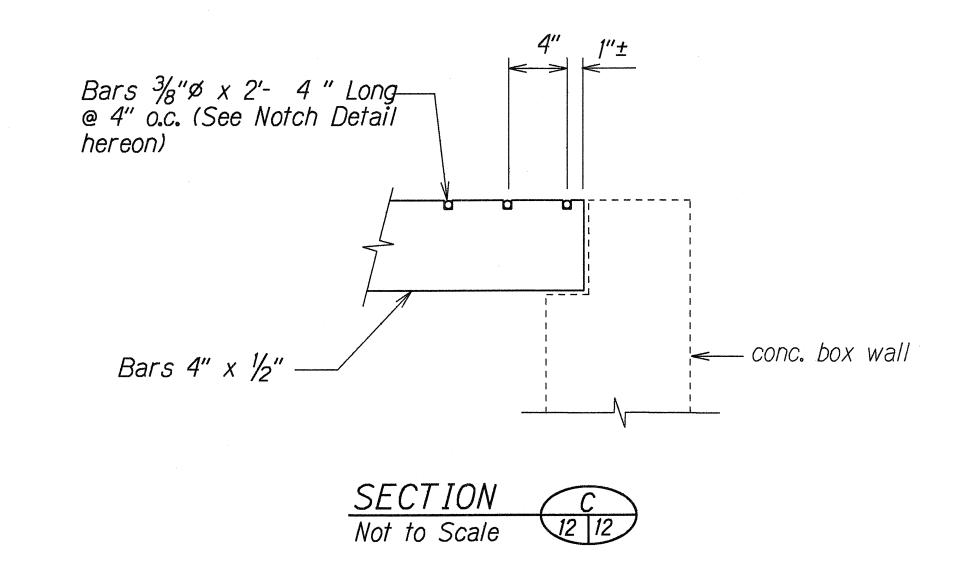
Not to Scale

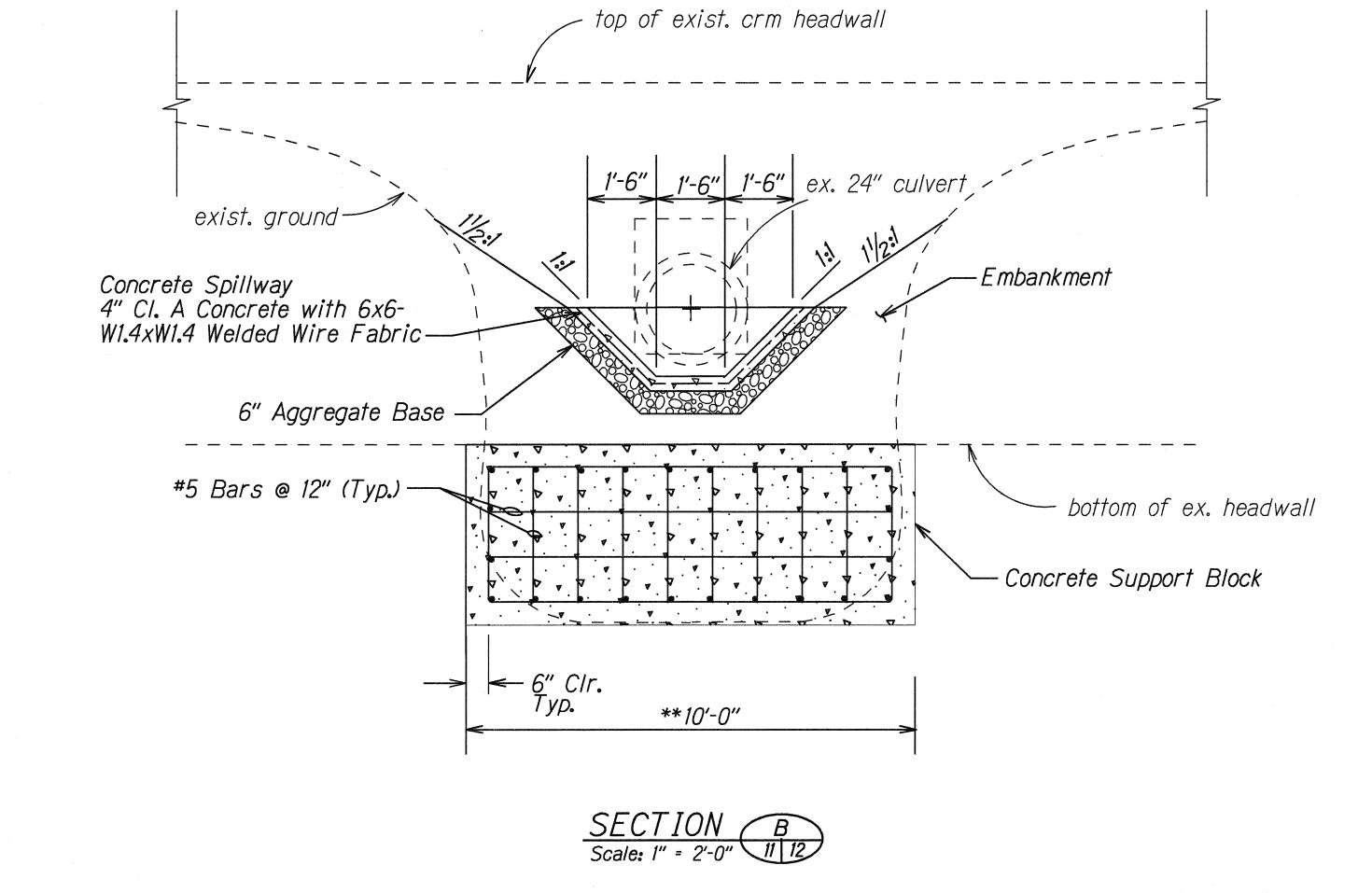




Not to Scale

SECTION D
Not to Scale 12 12





ORIGINAL SURVEY PLOTTED BY—
PLAN DRAWN BY F REYES

NOTE BOOK DESIGNED BY REYES

Skmukhdt02dgn QUANTITIES BY—
CHECKED BY—

NOTES:

- 1. Location of existing grated drop inlets: Sta. 120+32± Lt., Sta. 158+50± Lt., and Sta. 131+64± Lt.
- *2. The Contractor shall verify in the field the exact dimensions of the grates to be replaced. Frames (not shown) are to remain unless otherwise directed by the Engineer. Length of steel bars may change depending on existing frame dimensions. Spacing of bars shall remain as shown.
- 3. All steel items shall be hot-dip galvanized after fabrication.
- 4. Apply two layers of zinc coating to all welded areas after fabrication.
- 5. Removing and disposing of existing steel frames, grates and concrete boxes or any portions thereof, and furnishing and installing new steel frames, grates, concrete and reinforcing steel shall be considered incidental to Item No. 604.4000 Replace Grate for Grated Drop Inlet.
- **6. See Note <u>3</u> on Sheet No. <u>11</u>.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KAUMUALII HIGHWAY RESURFACING
Vicinity of Wahiawa Bridge
to Laulea Street
Project No. 50C-01-00M

Scale: As Shown

Date: April, 2000

SHEET No. 2 OF 2 SHEETS

