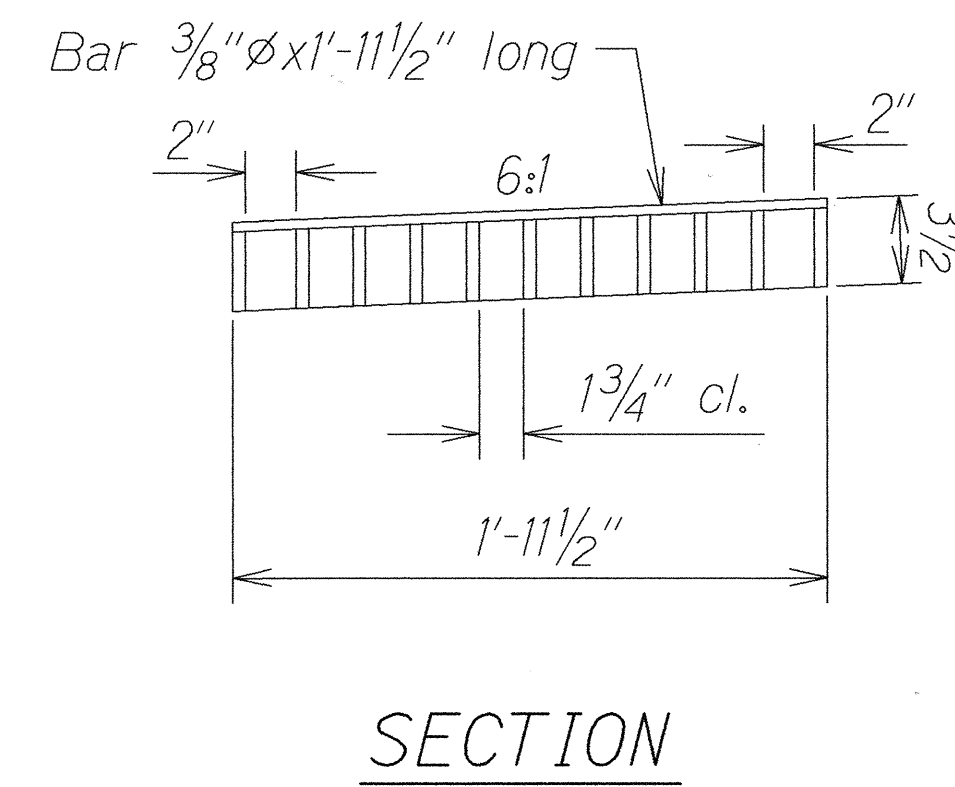
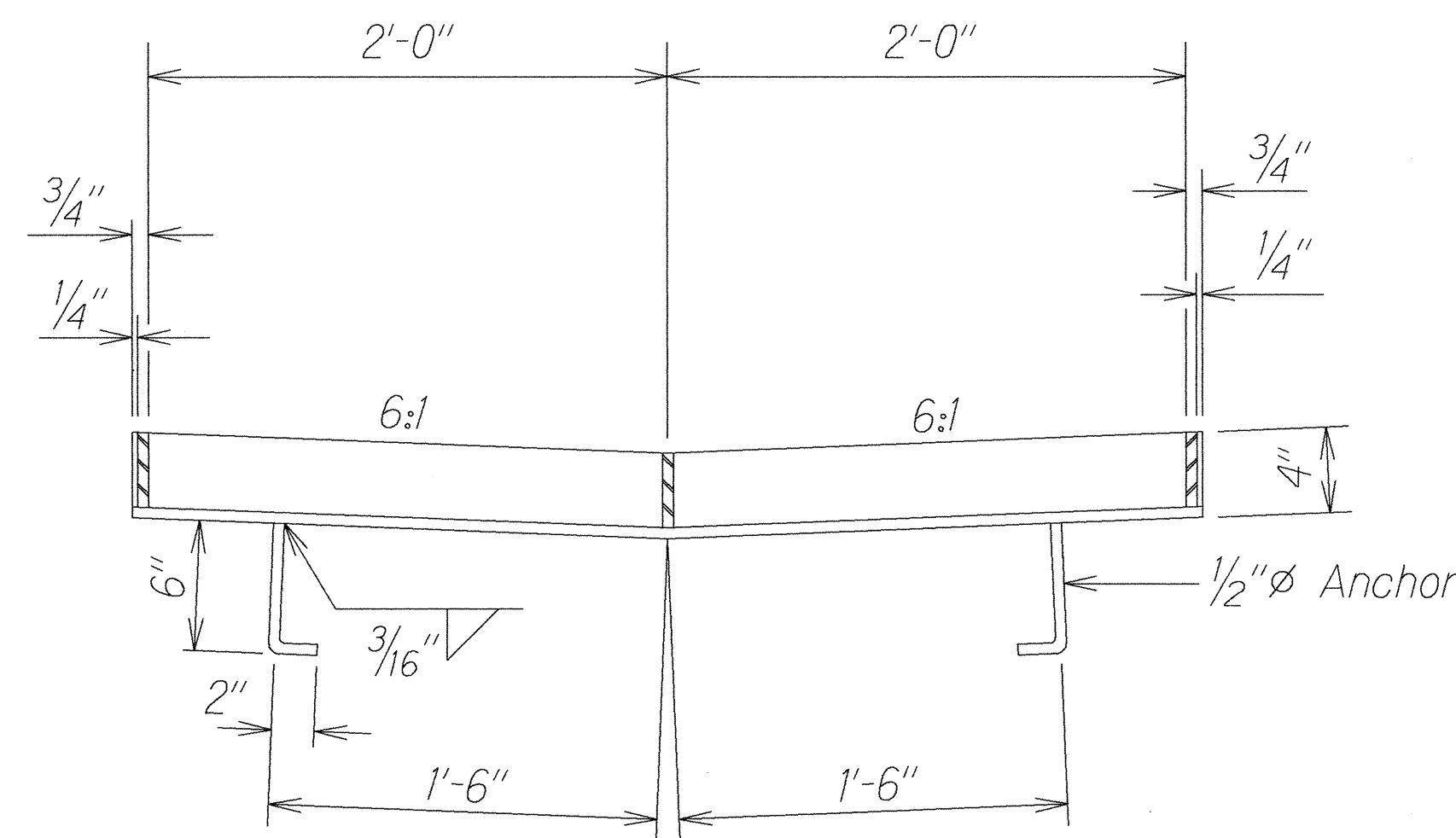
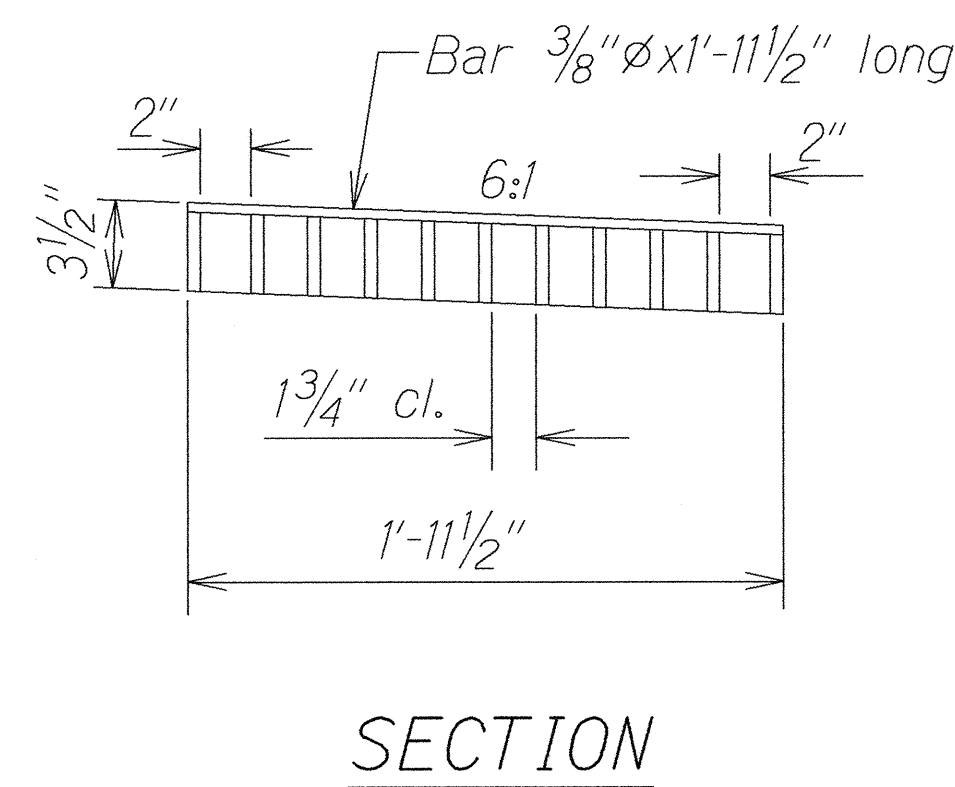
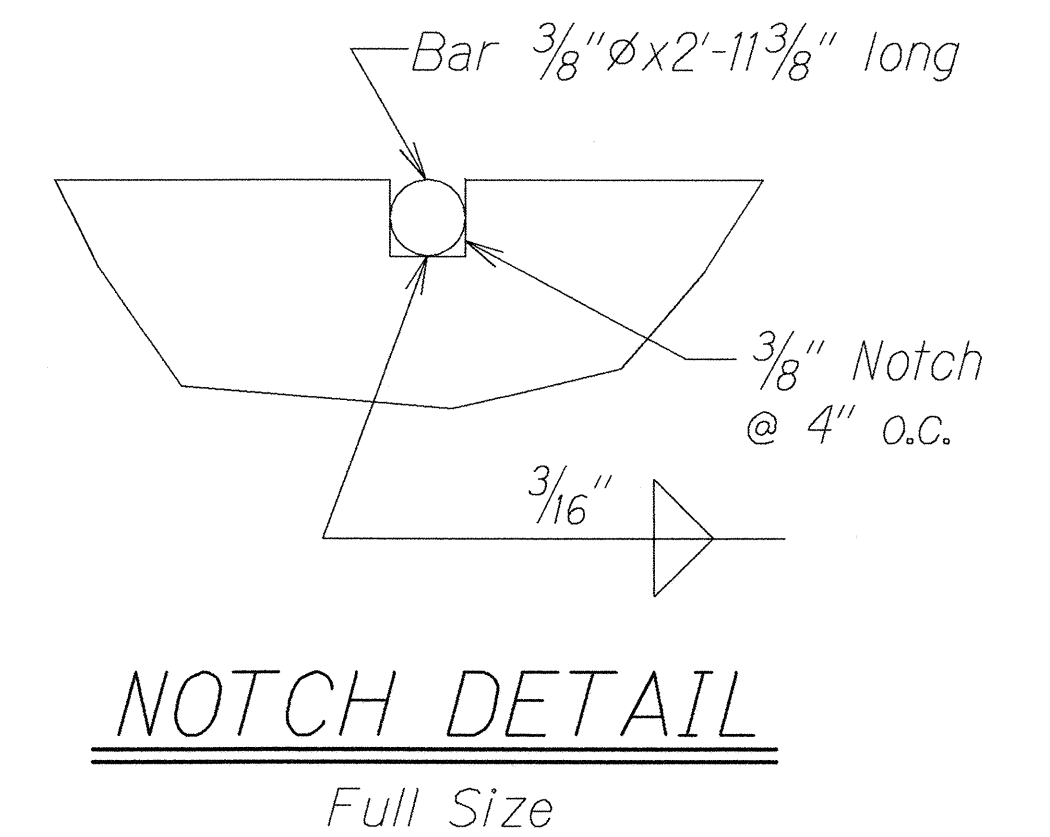
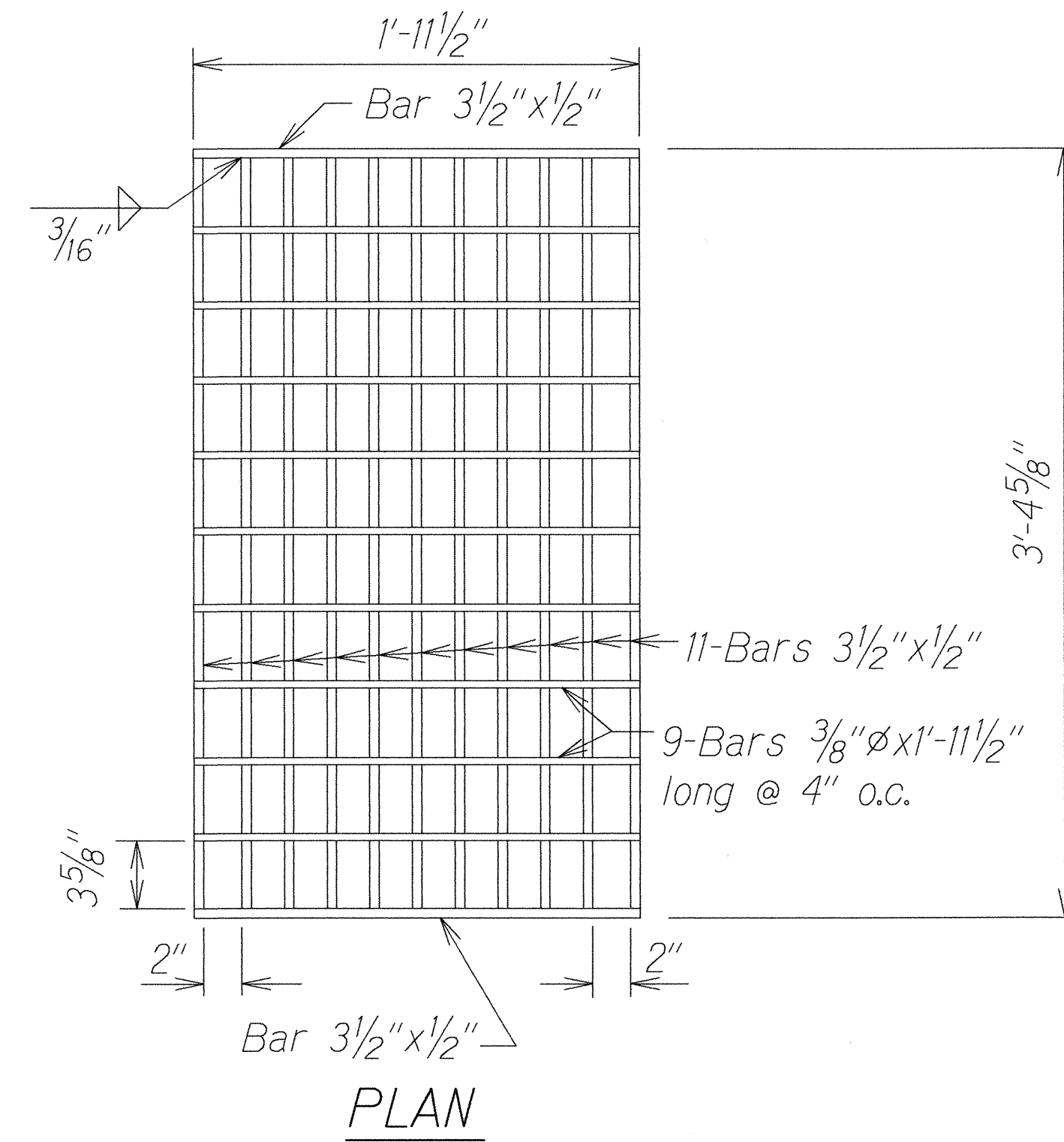
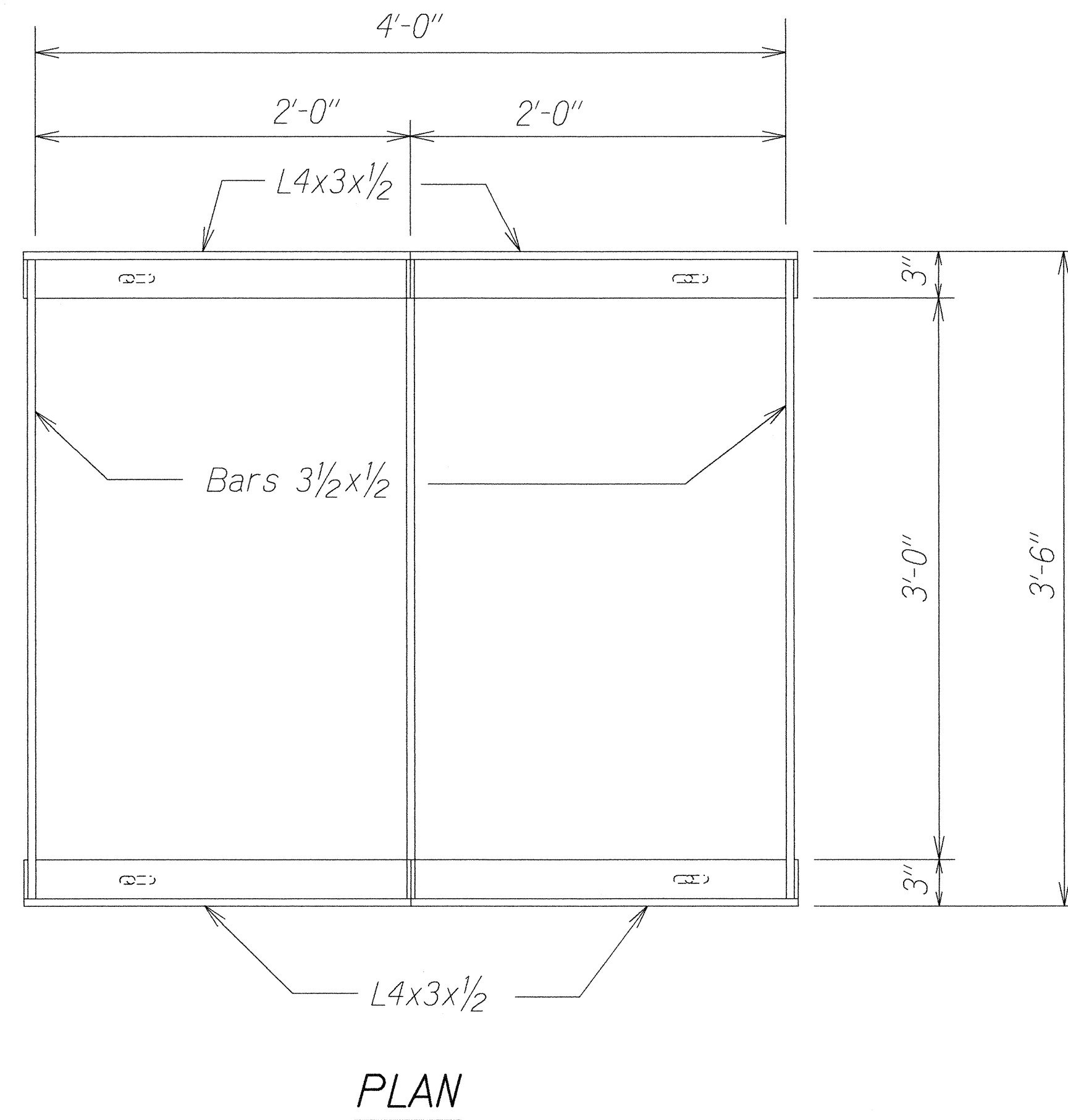
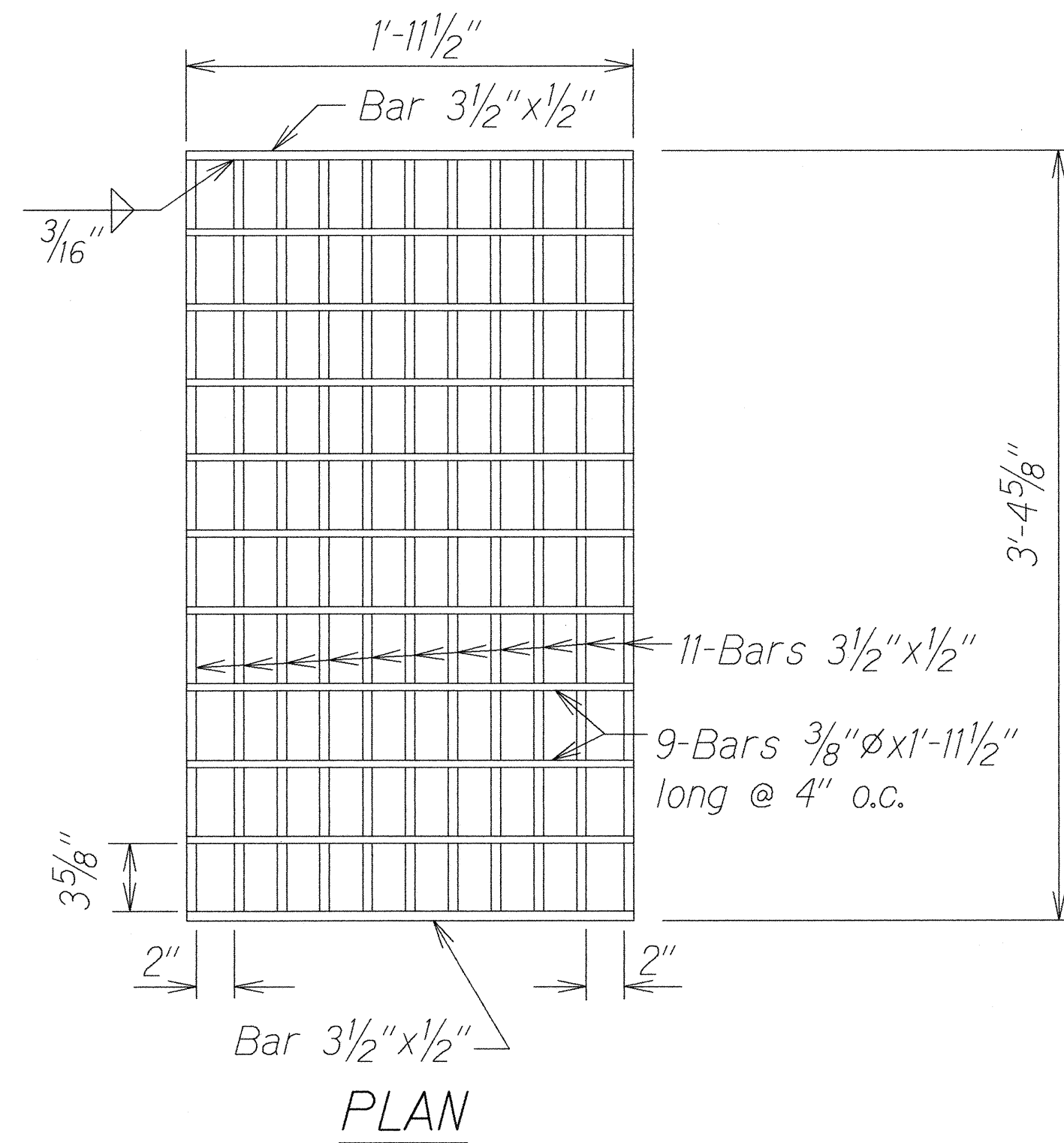


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-051-1(9)	1999	9	23



GRATE
Scale: 1 1/2"=1'-0"

FRAME
Scale: 1 1/2"=1'-0"

GRATE
Scale: 1 1/2"=1'-0"

NOTE:
All welds 3/8" unless otherwise noted.

TYPICAL DETAILS OF TYPE 61614P STEEL FRAME AND GRATES



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

Stanford M. Iwamoto
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE DETAILS
KAPULE HIGHWAY,
INTERSECTION IMPROVEMENTS
AT HAQA STREET
Federal Aid Proj. No. STP-051-1(9)
Scale: As Noted Date: Nov. 1998

SHEET No. 1 OF 1 SHEETS