

Technical drawing of a bridge structure, likely a culvert or small bridge, showing a cross-section and plan view.

Dimensions and Labels:

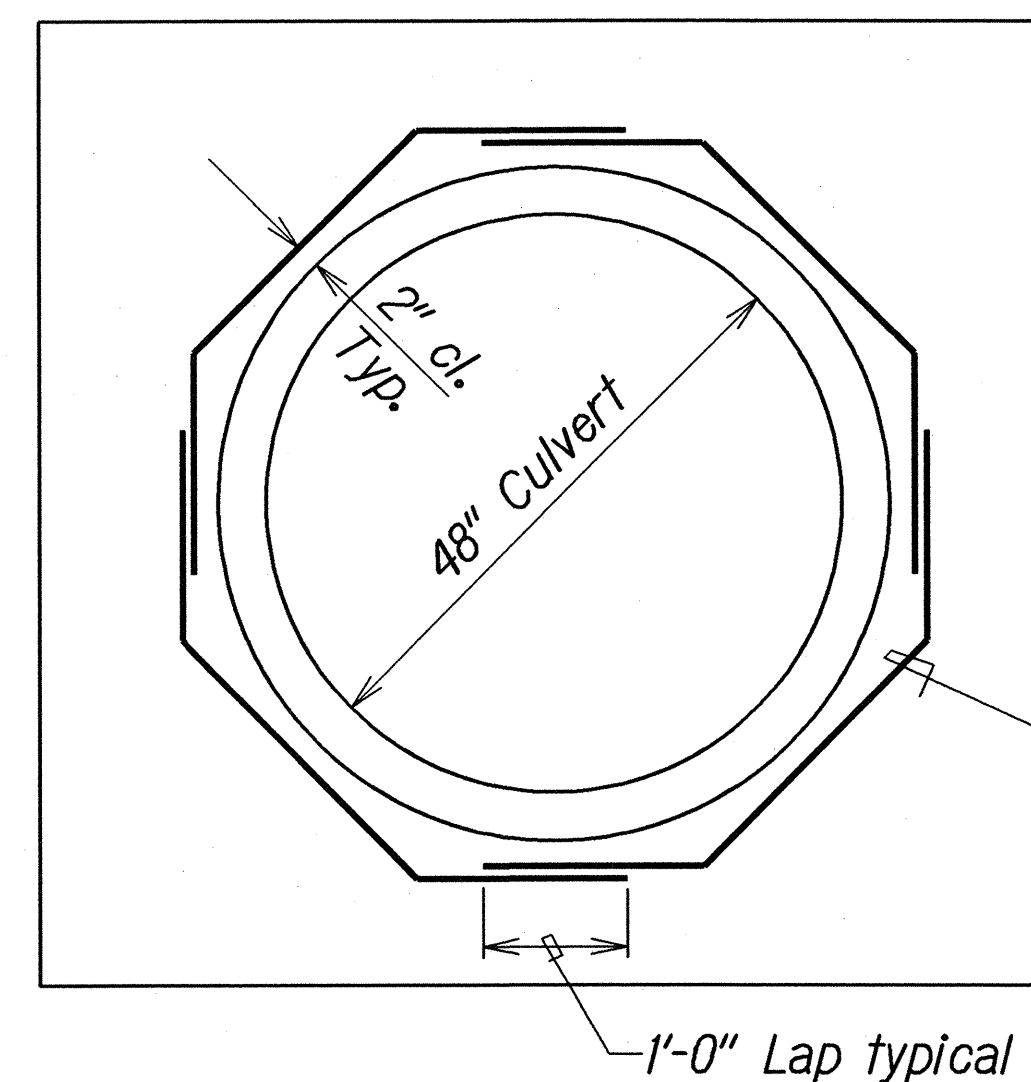
- Top Width:** 7'-2"
- Bottom Width:** 14'-1"
- Height:** 7'-0" (Total), 6'-0" (Main Body), 1'-0" (Top Slab)
- Slope:** 30° Typ.
- Wall Thickness:** 8" (Side Walls), 14" (Pier Wall)
- Culvert:** 48" Culvert
- Location:** I.B. # Sta. 1298+50 o/s 36' Rt.
- Detail Callout:** See Detail "1"

Notes:

- The structure is shown in plan view, with the culvert opening at the top.
- The pier is a trapezoidal structure supporting the culvert.
- The drawing includes a dashed line indicating the centerline of the culvert.
- The structure is labeled with "A H3/H3" at the bottom corners and "B H3/H3" at the top center.

[illegible]

DETAILS OF TYPE "I" OUTLET STRUCTURE



Wall of 48" Culvert

12" Bend, cut as required.

#4@12"

#4@12"

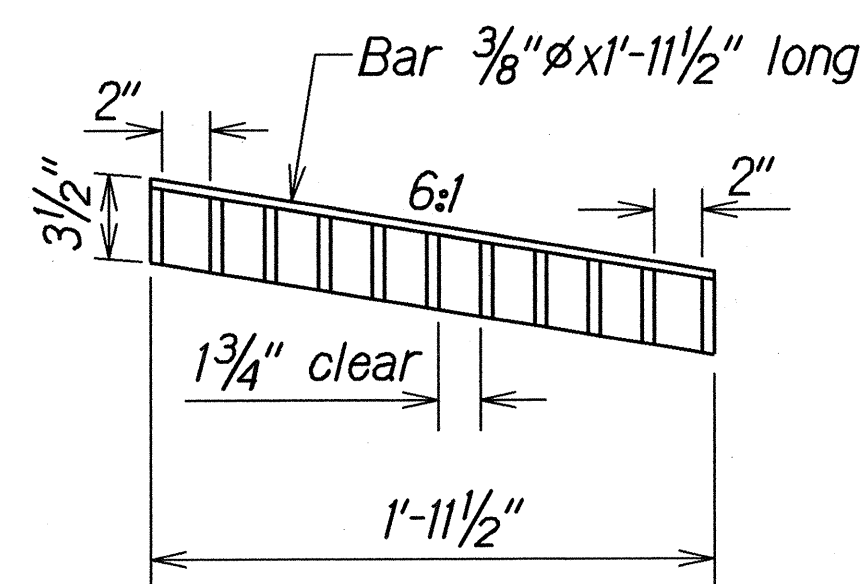
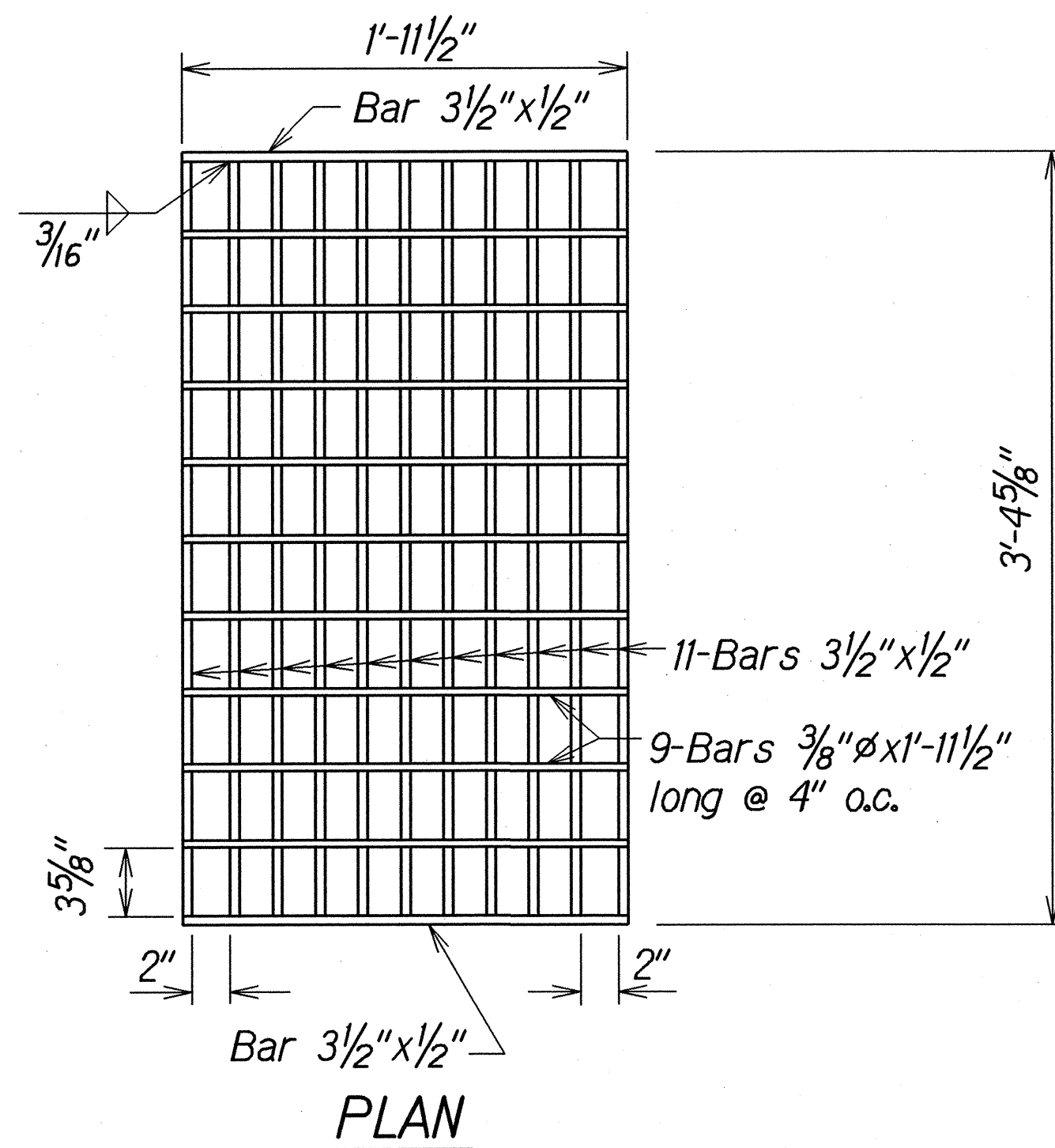
Normal wall reinforcing

DETAIL

1
H3/H3

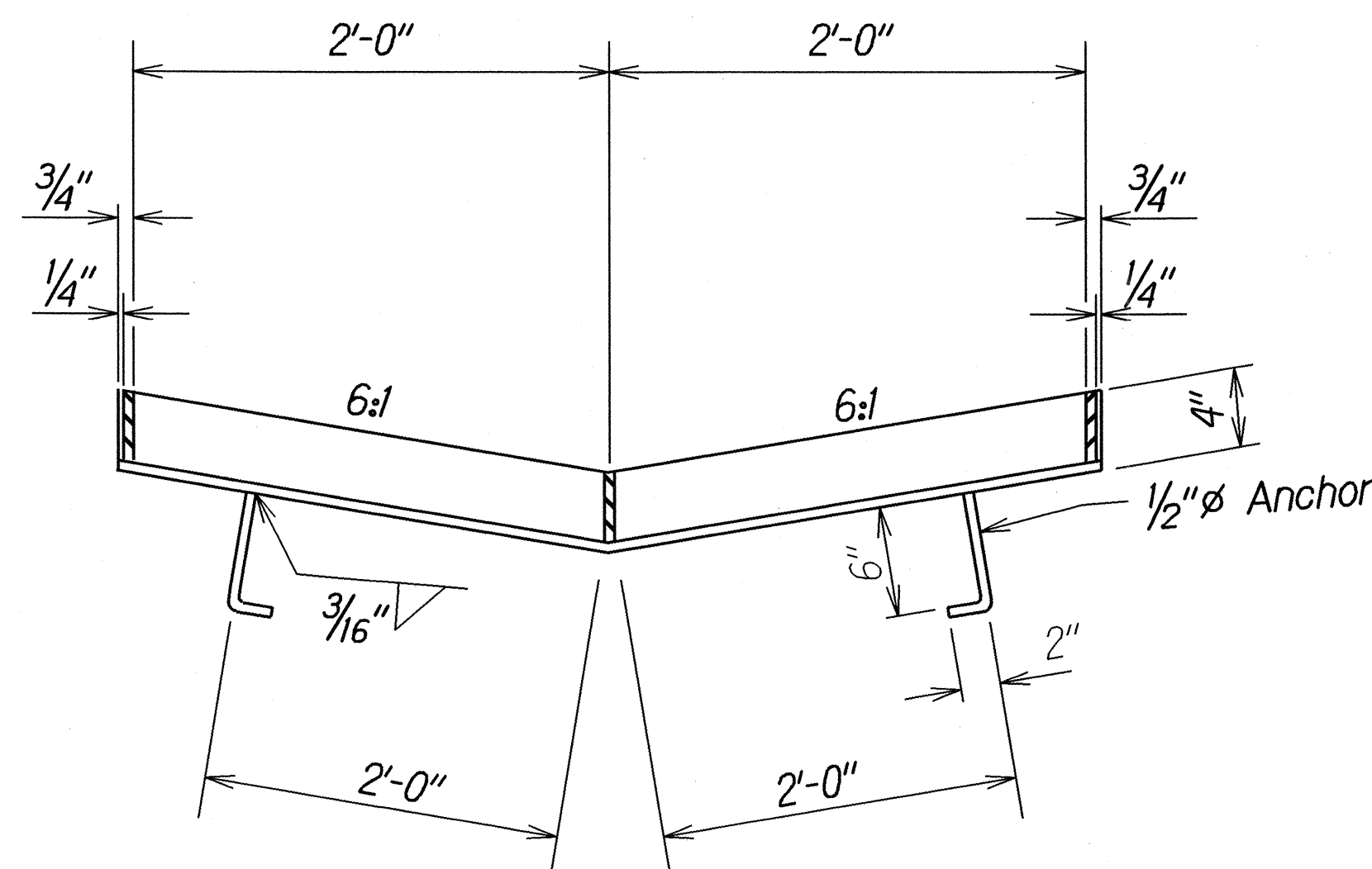
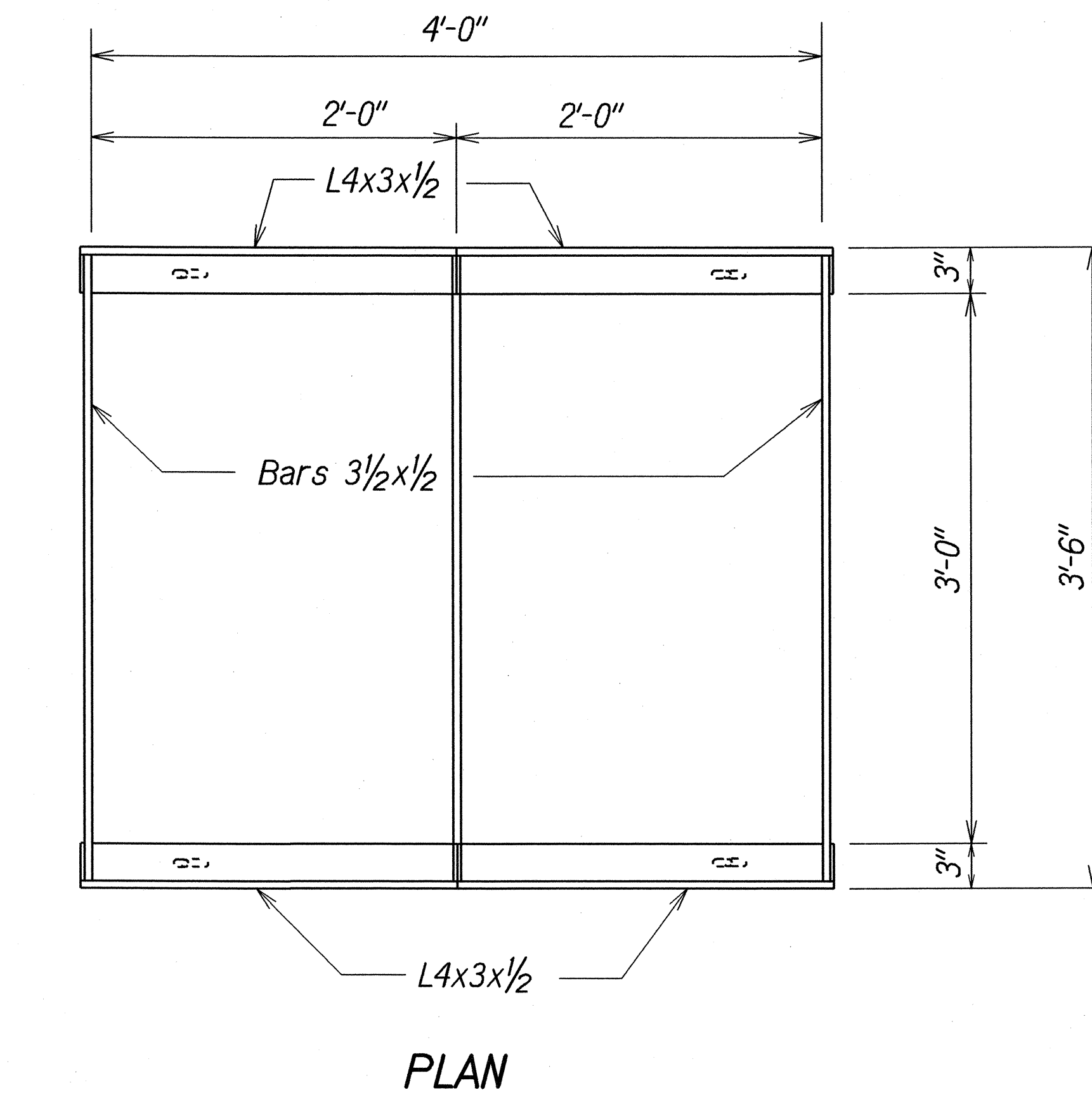
SHEET No. *H3* OF *4* SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11N-01-03	2004	9	14



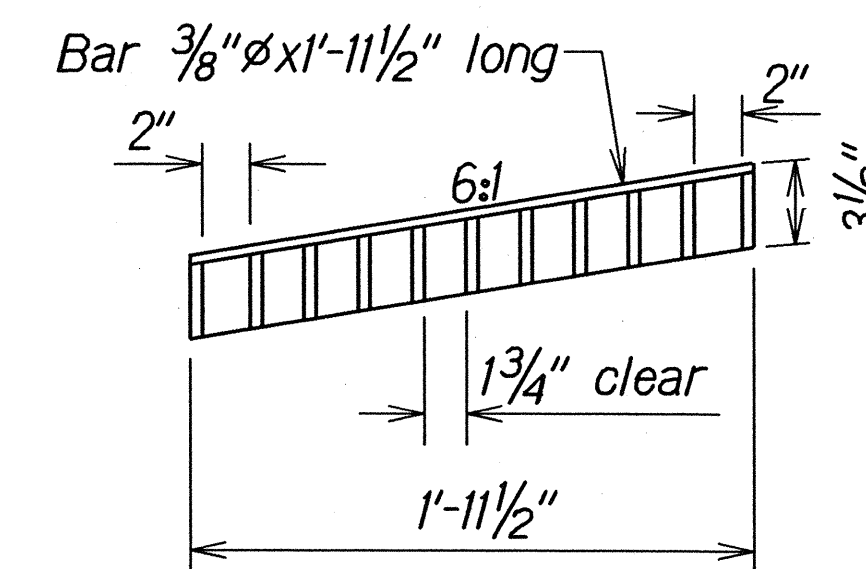
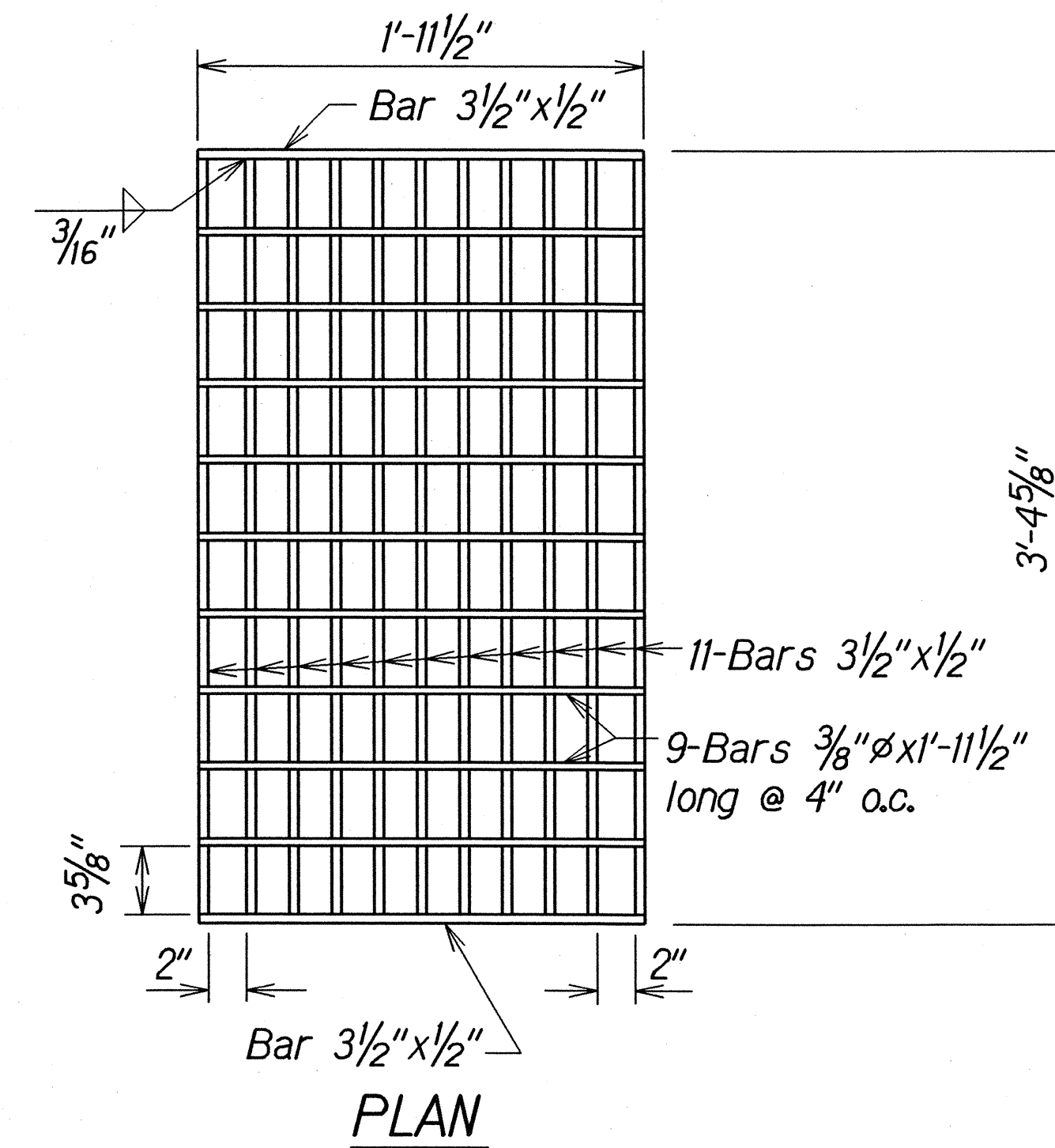
GRATE

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



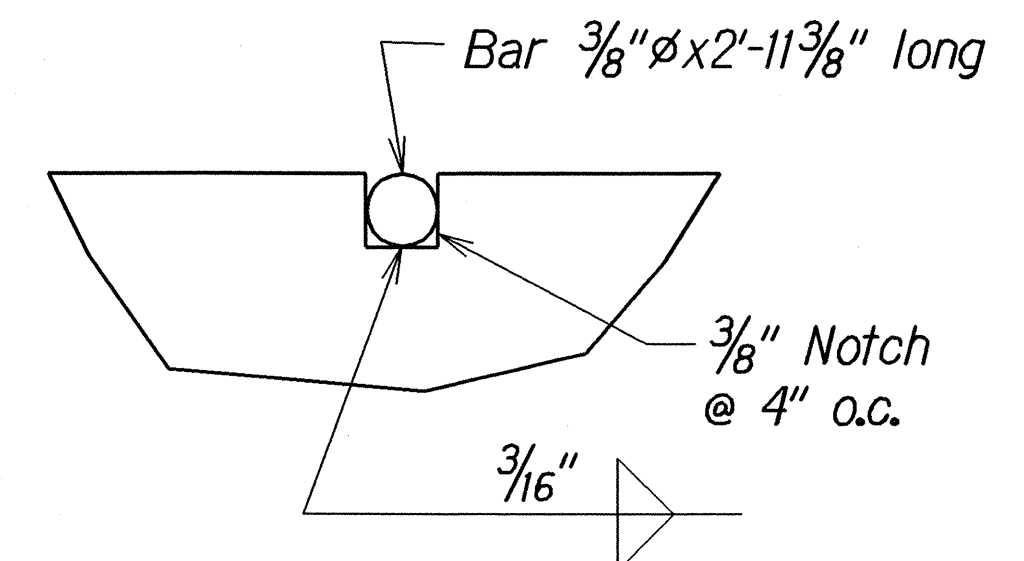
FRAME

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



GRATE

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



Full Size

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

DETAILS OF TYPE 61614P STEEL FRAME AND GRATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KANOELEHUA AVE. DRAINAGE IMPROVEMENTS

Vicinity of Palai Stream

Project No. 11N-01-03

Scale: As Shown Date: Mar. 2004

SHEET No. H4 OF 4 SHEETS