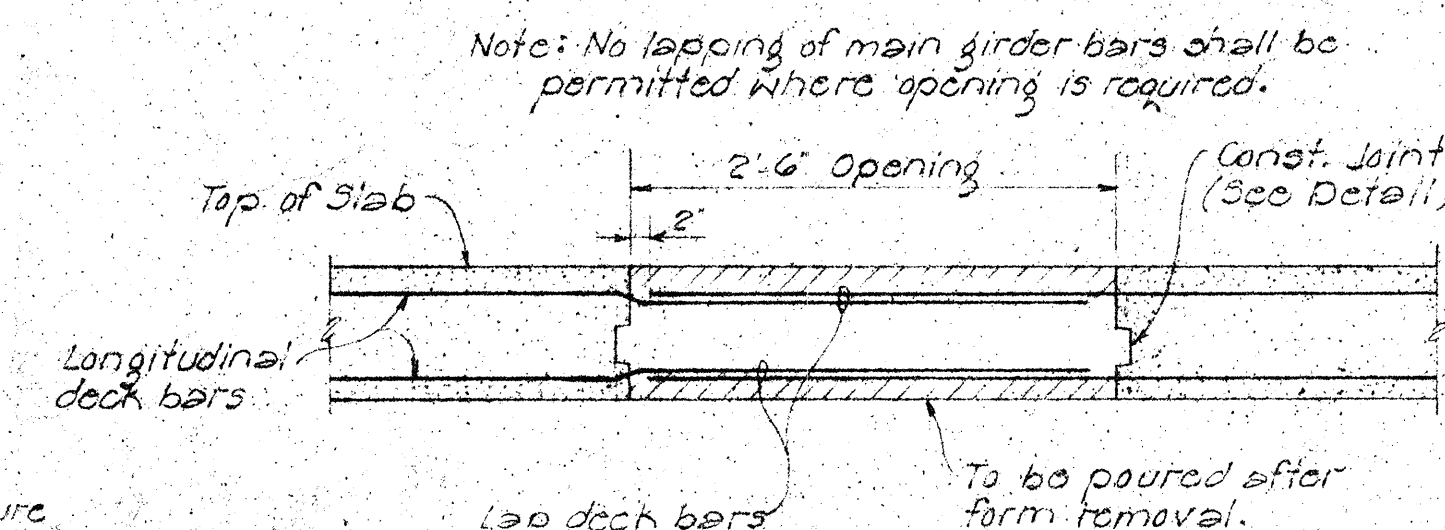
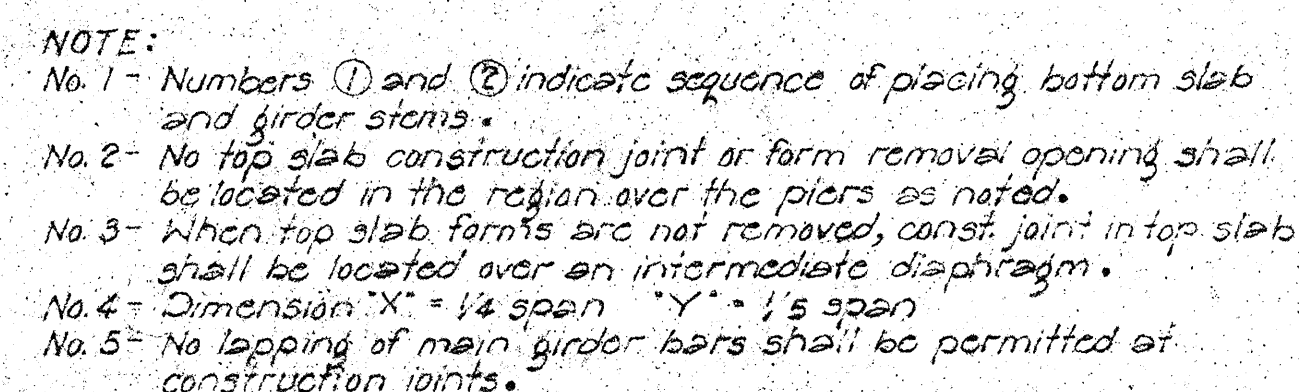


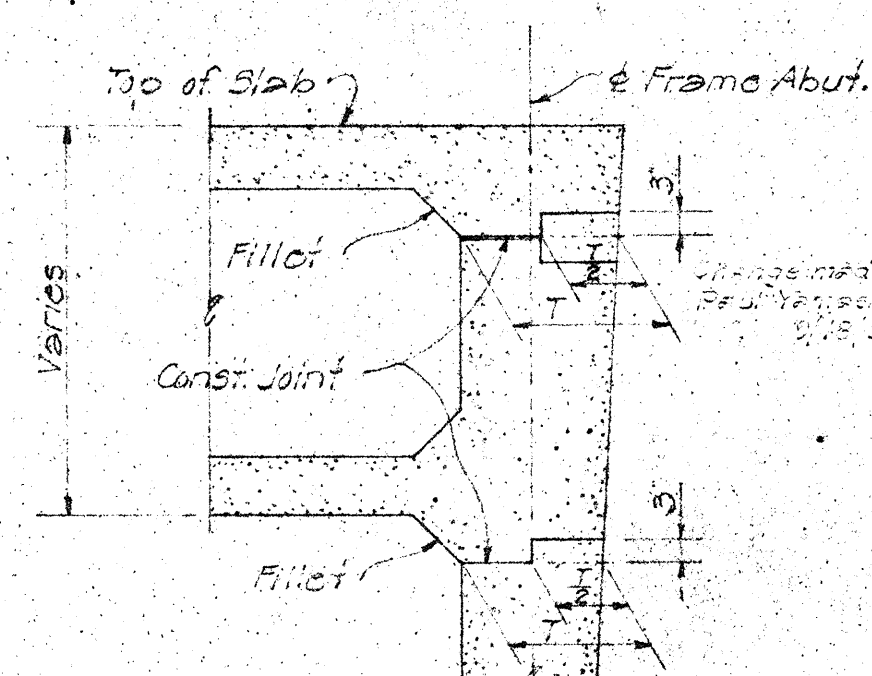


SECTION A-A

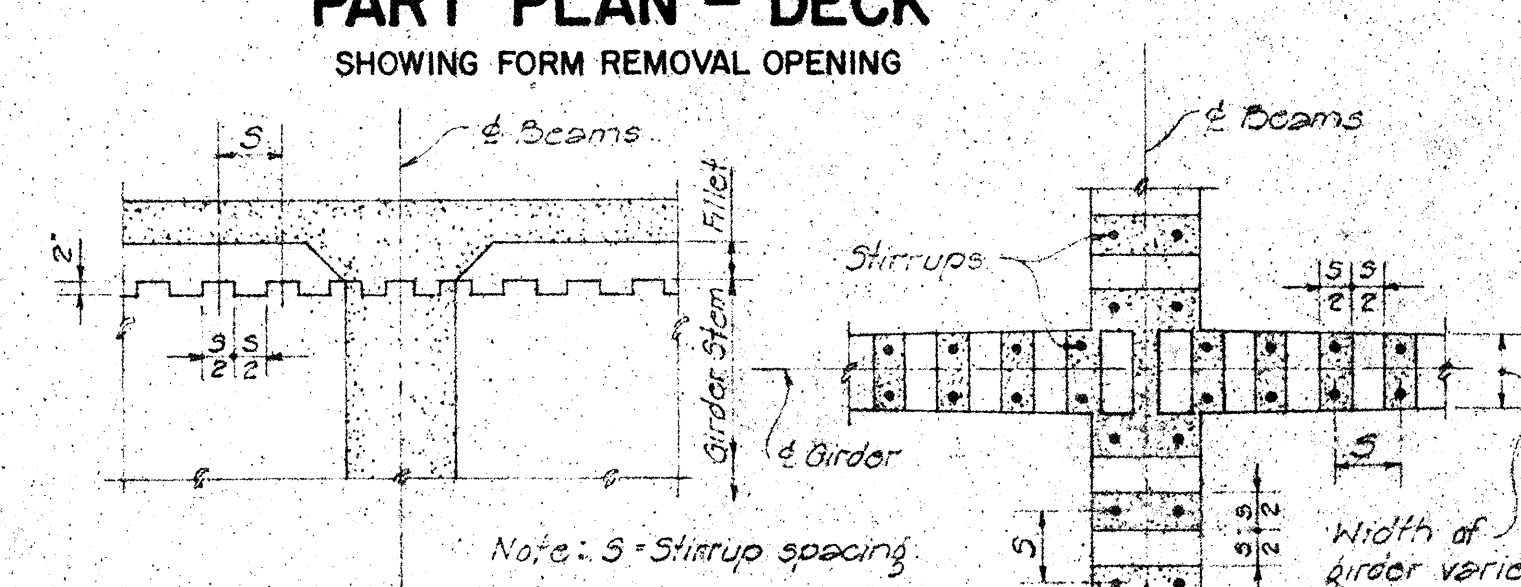


SECTION C - C

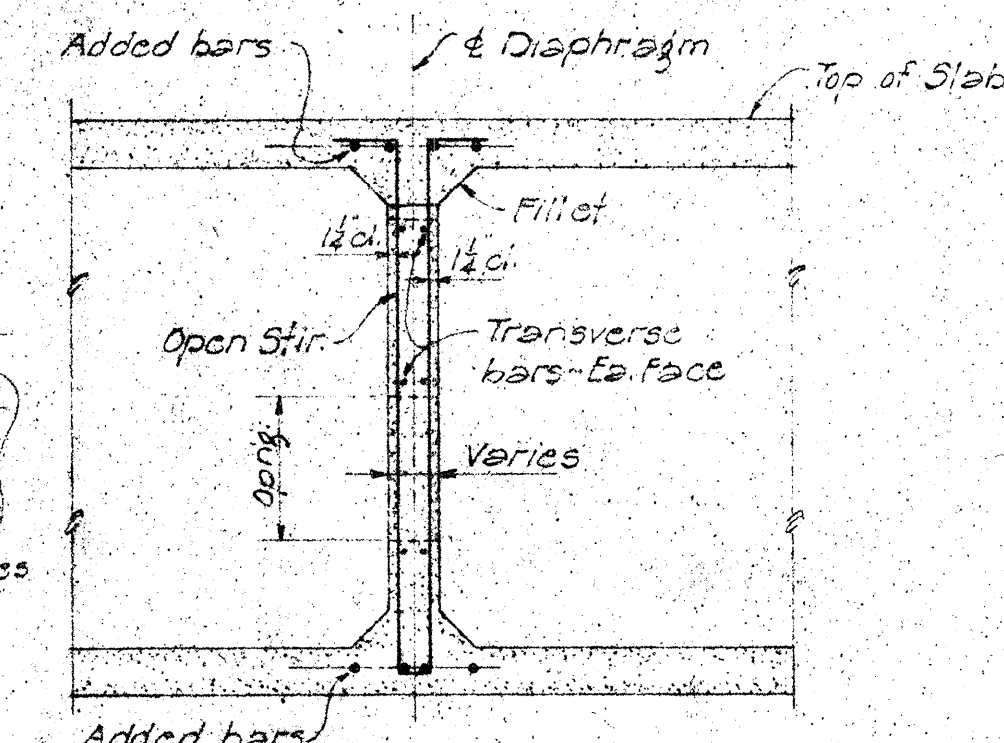
SHOWING TREATMENT OF CONST. JOINT
FOR BRIDGES ON SKEW



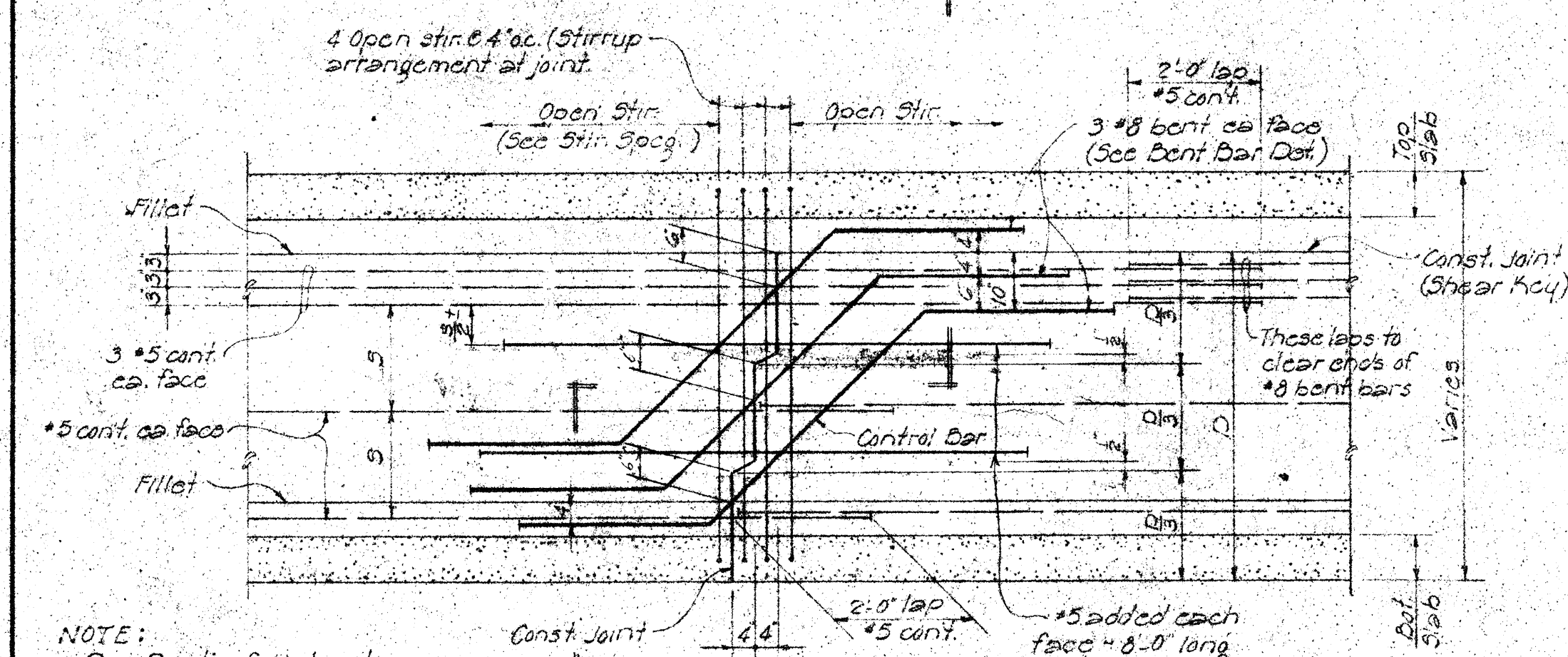
DETAIL - A



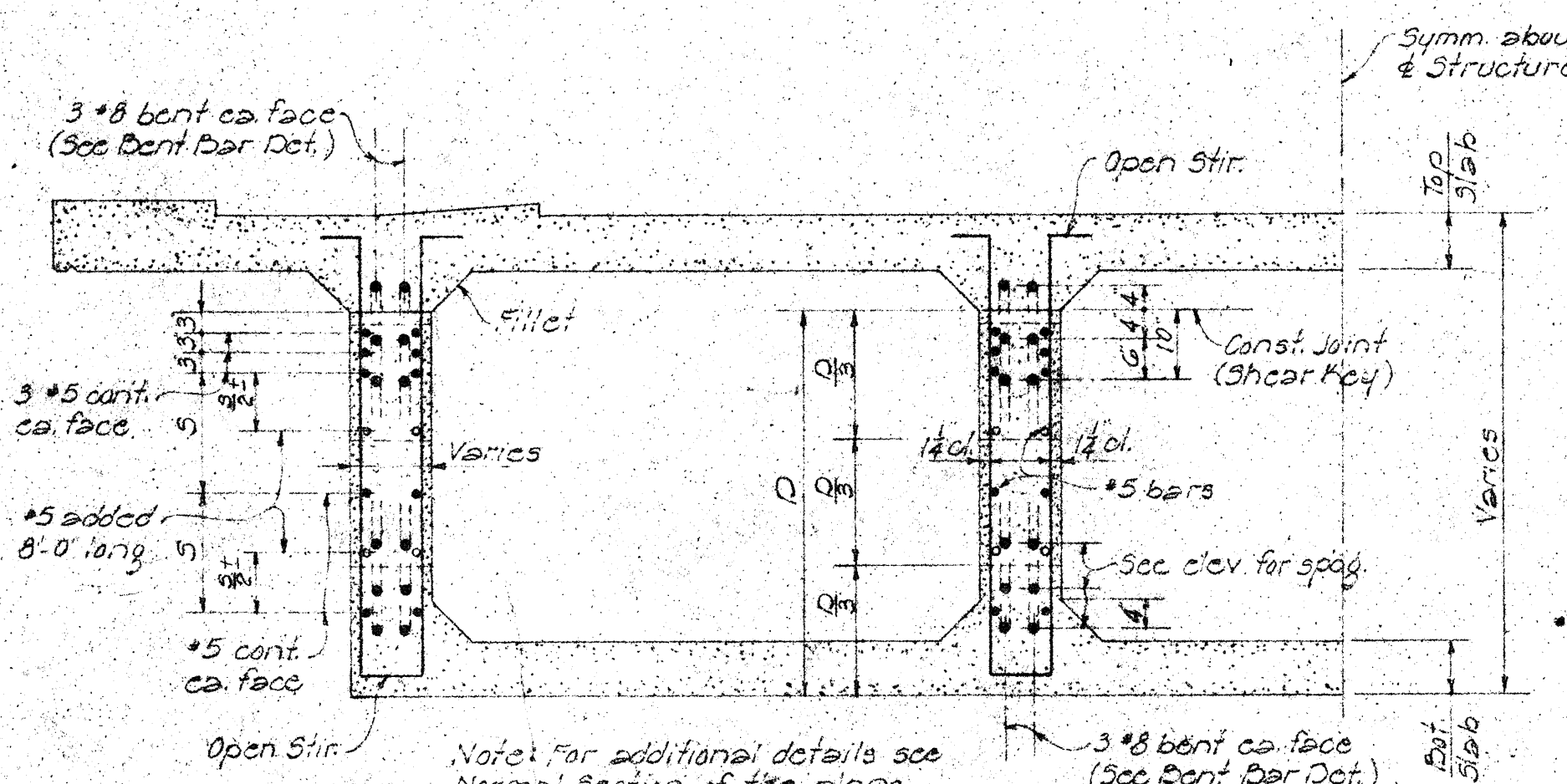
SECTION PL
SHEAR KEY DETAIL



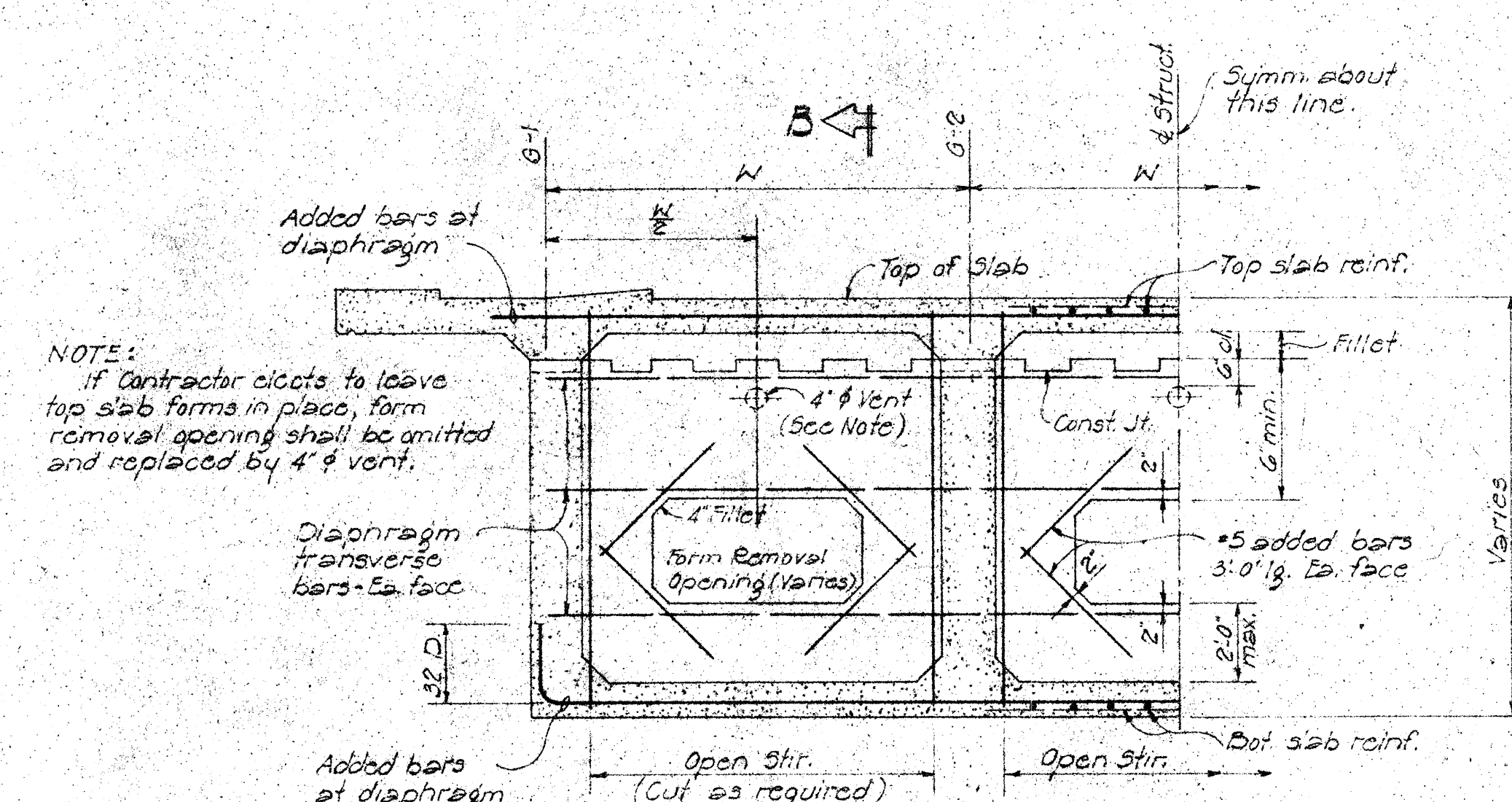
SECTION B - B



GIRDER STEM CONST. JOINT



SECTION Z-Z



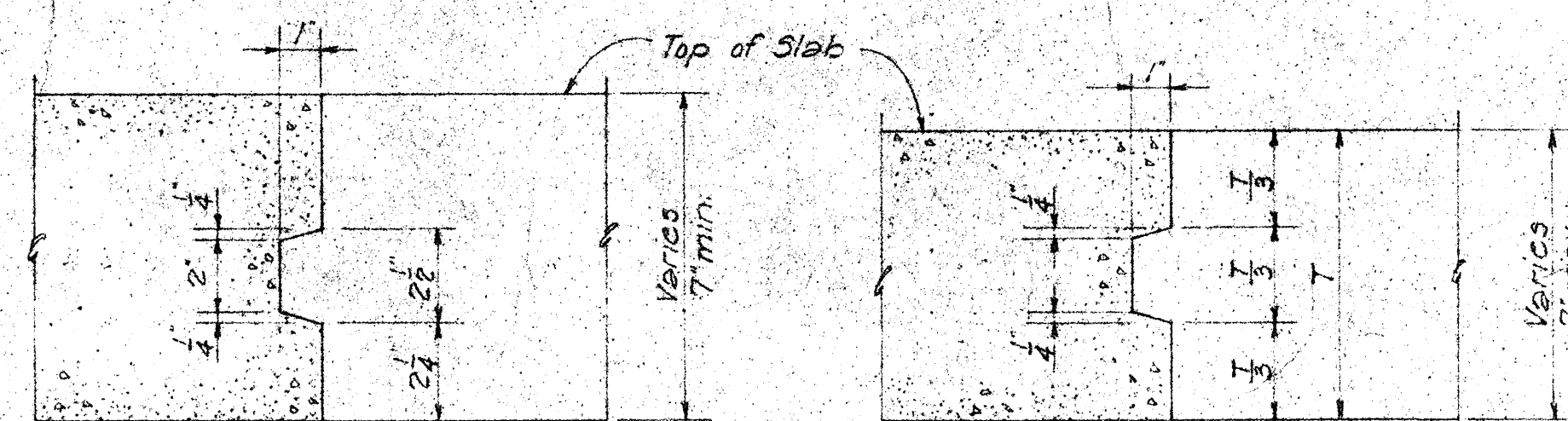
**FORM REMOVAL OPENING DETAIL
IN DIAPHRAGM**

GENERAL NOTE

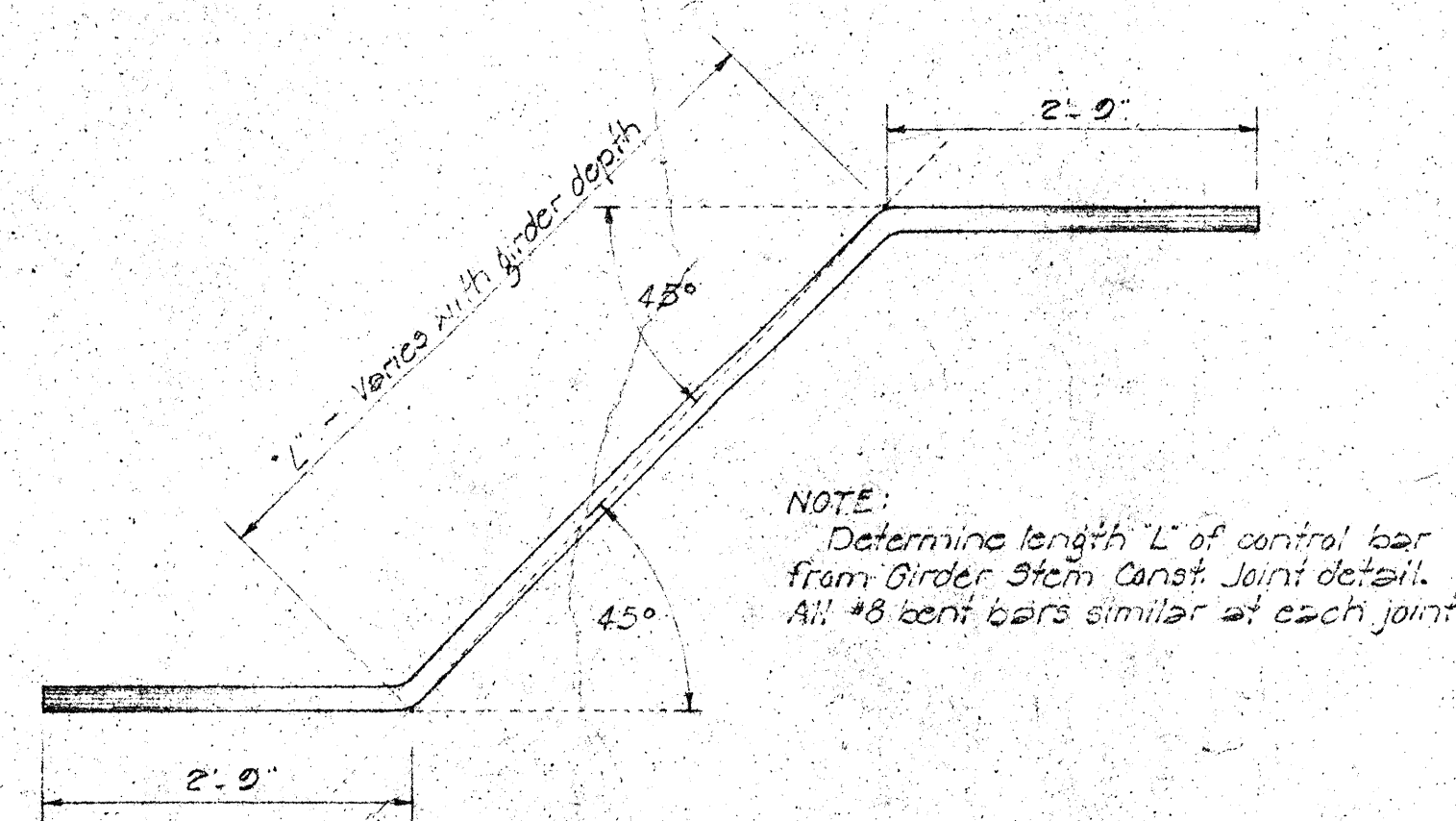
Except where detailed otherwise in the plans, all details on this sheet govern.

See Project No. F-072-1(i), Unit 3 for Tracing

This Sheet Supercedes Sheets 8173(1).147-8146(2).147



TOP SLAB CONST. JOINT



DETAIL - NO. 8 BENT BAR

APPROVED:

DATE: _____

TERRITORIAL HIGHWAY ENGINEER

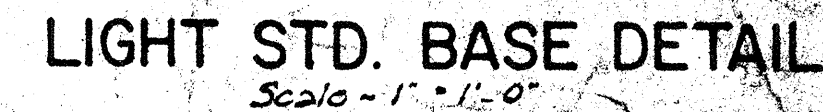
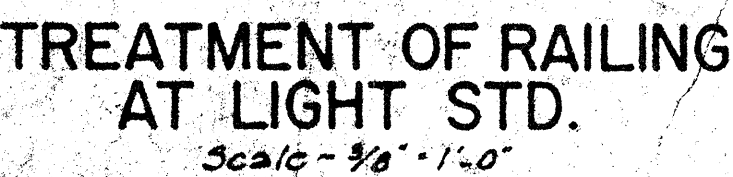
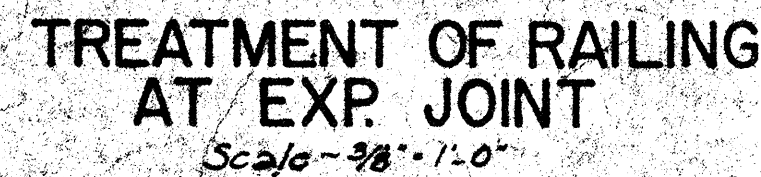
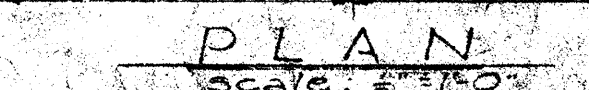
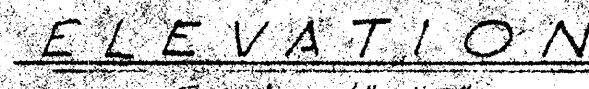
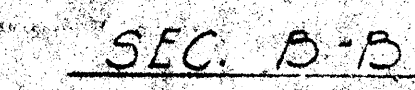
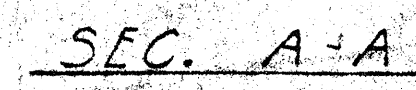
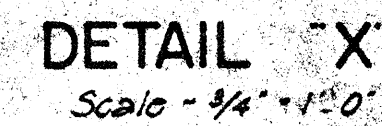
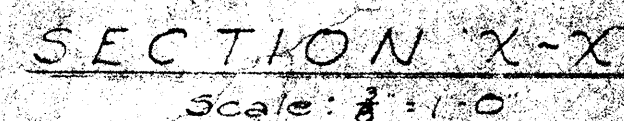
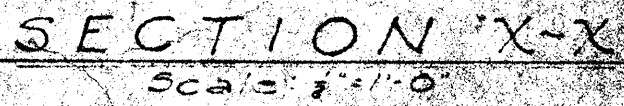
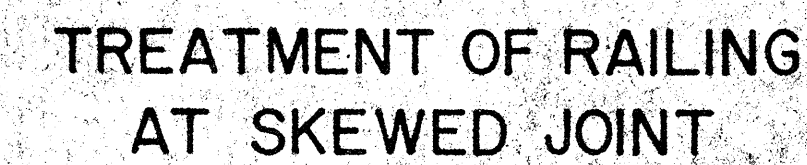
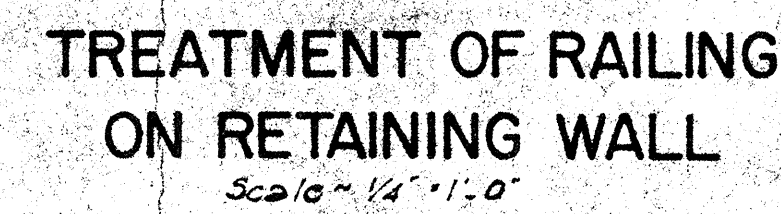
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

STANDARD DETAILS

BOX GIRDER

SCALES AS NOTED

SHEET No. OF SHEETS



GENERAL NOTE
Except where detailed otherwise in the plans,
all details on this sheet govern.

Aluminum railing-concrete parapet & end post to receive "Class 2 Surface Finish."

SPECIFICATION FOR ALUMINUM RAILING

ITEM	DESCRIPTION	ALLOY	UNIT WT
Top Rail	Al Alloy Drawn or Extruded Tube 4" O.D. x 1/8" THICK WALL	6061-T6	1.79 #/ft
Bot. Rail	Al Alloy Drawn or Extruded Tube 3 1/2" O.D. x 1/8" THICK WALL	6061-T6	1.56 #/ft
* Rail Post	Alcoa No. 2001 Permanent Mold Casting or approved equal.	Post 356-T6 Bot 356-T6	160 #/ea.
Rail Cap	Alcoa No. 5C1 4.125 (Top Rail) and Alcoa No. 5C1 3.5125 (Bot Rail) or approved equal.	Cap 356-T6 Bot 356-T6	Top - 2.15 #/ea Bot - 340 #/ea
Bolts	Alcoa No. 93-1175 or approved equal with hexagon nut and plain washers	2024-T4 Nut 6061-T6 Wash. 2024-T4	

* Rail Post Finish: Front, top and rear faces of post shall receive a standard scratch brush finish, Alcoa or approved equal.

See Project No. F-272-40, Unit 3 for Training

LIGHT STD. BASE REINF. DETAIL

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

STANDARD DETAILS

ALUMINUM RAILING

SCALE AS NOTED

SHEET No. OF SHEETS