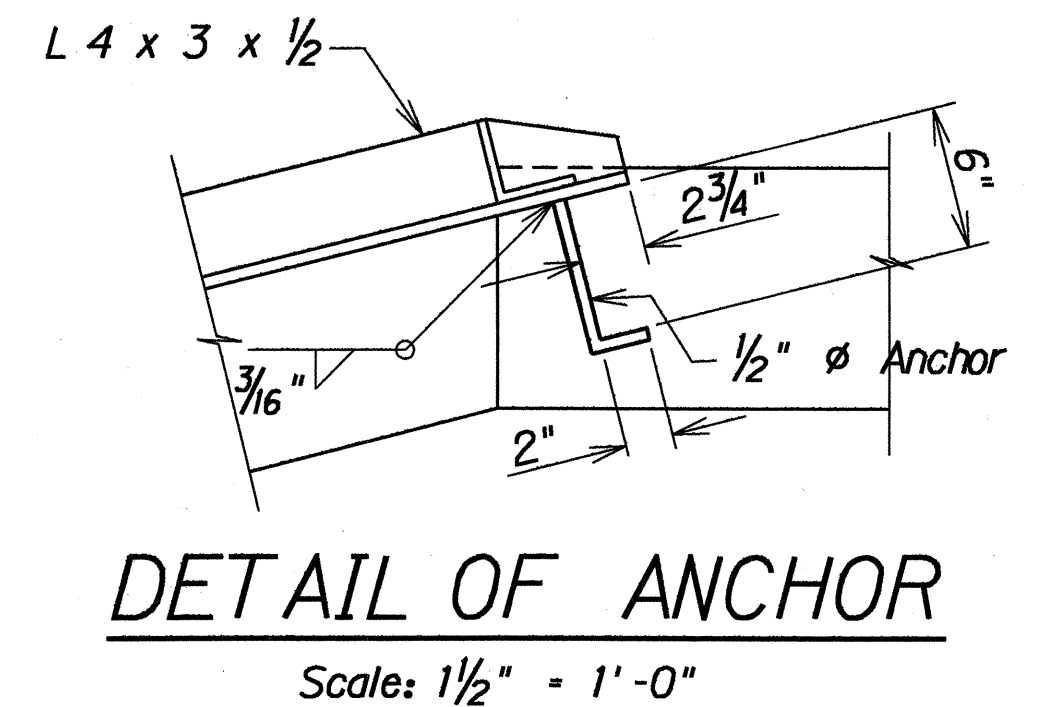
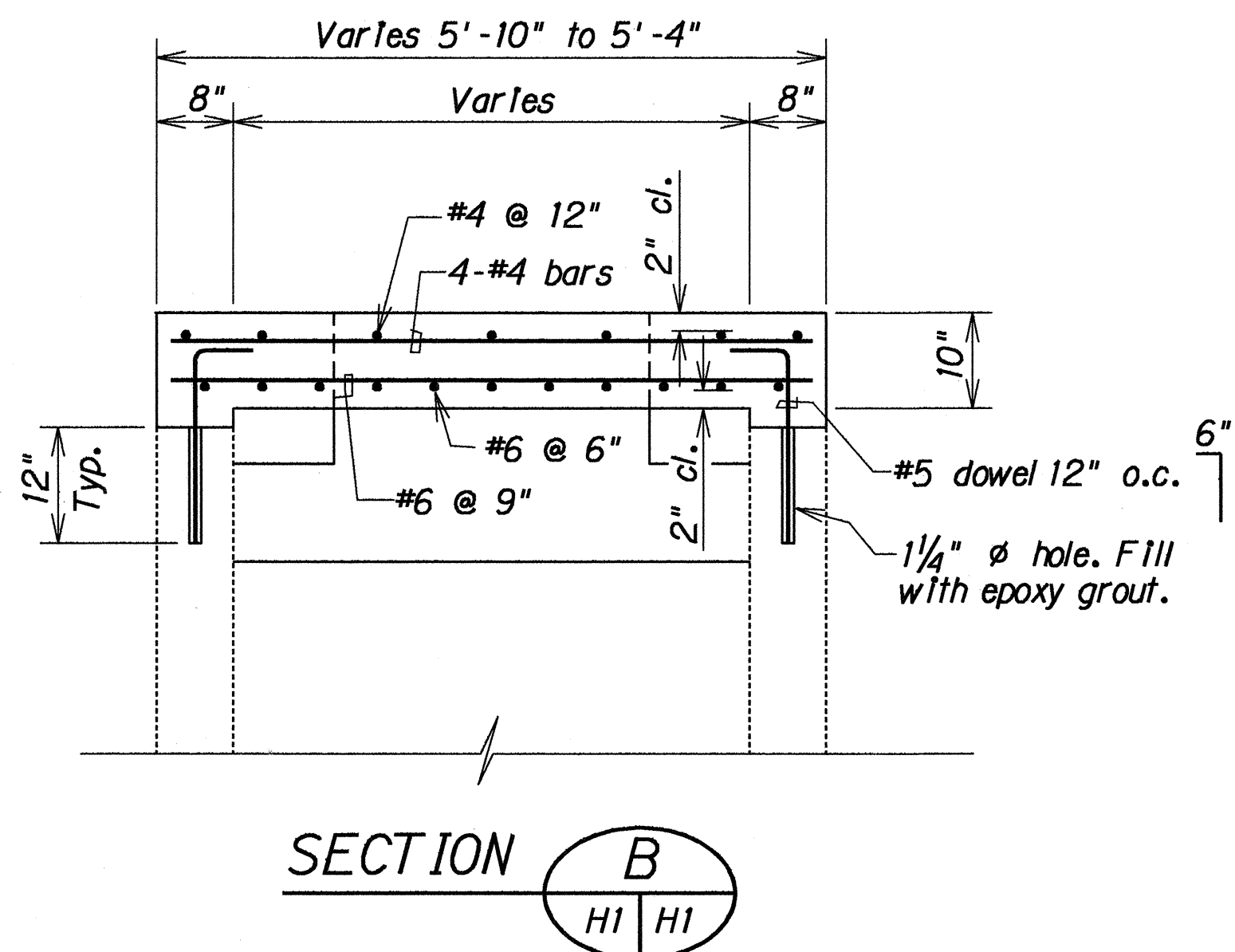
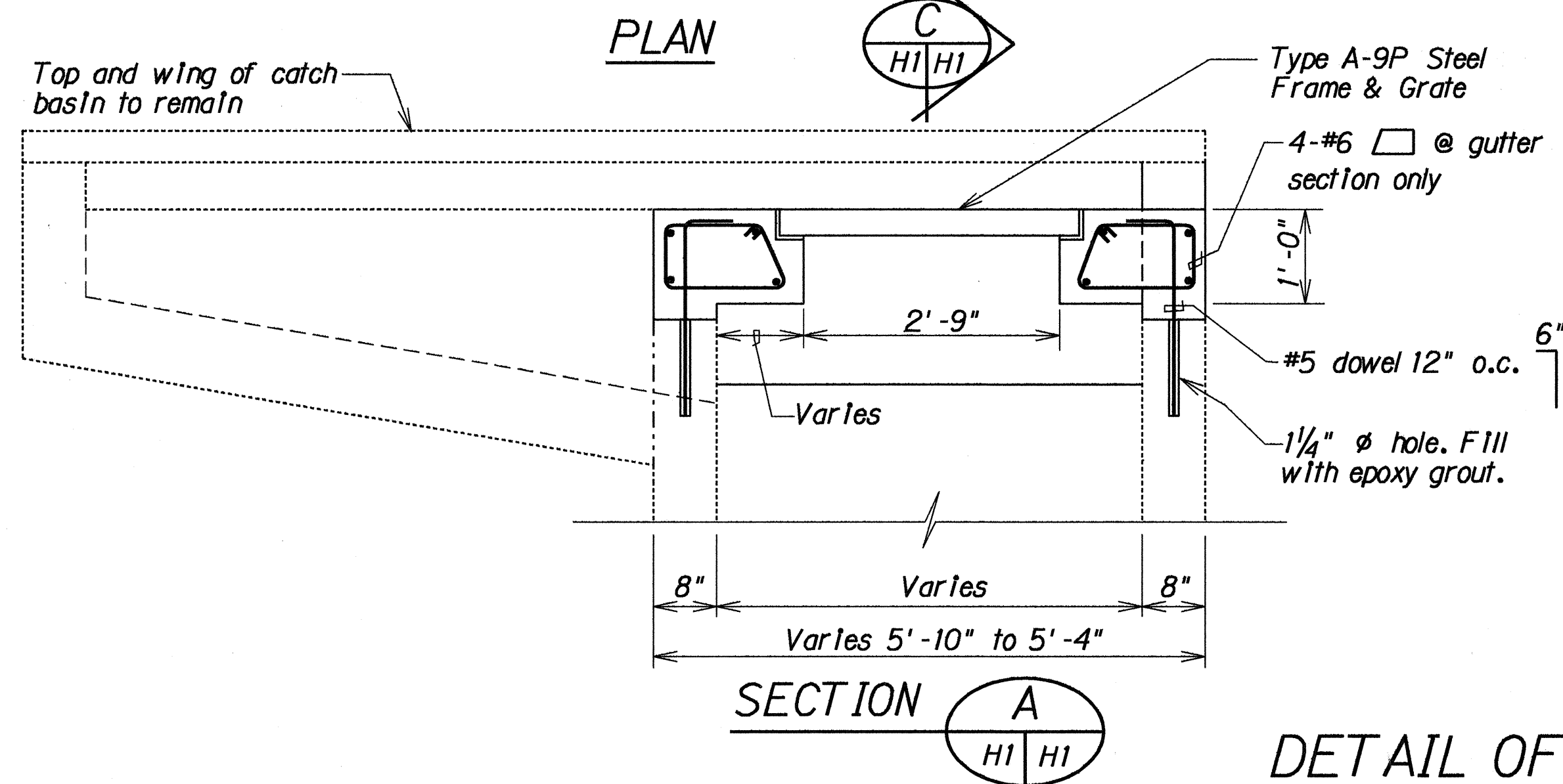
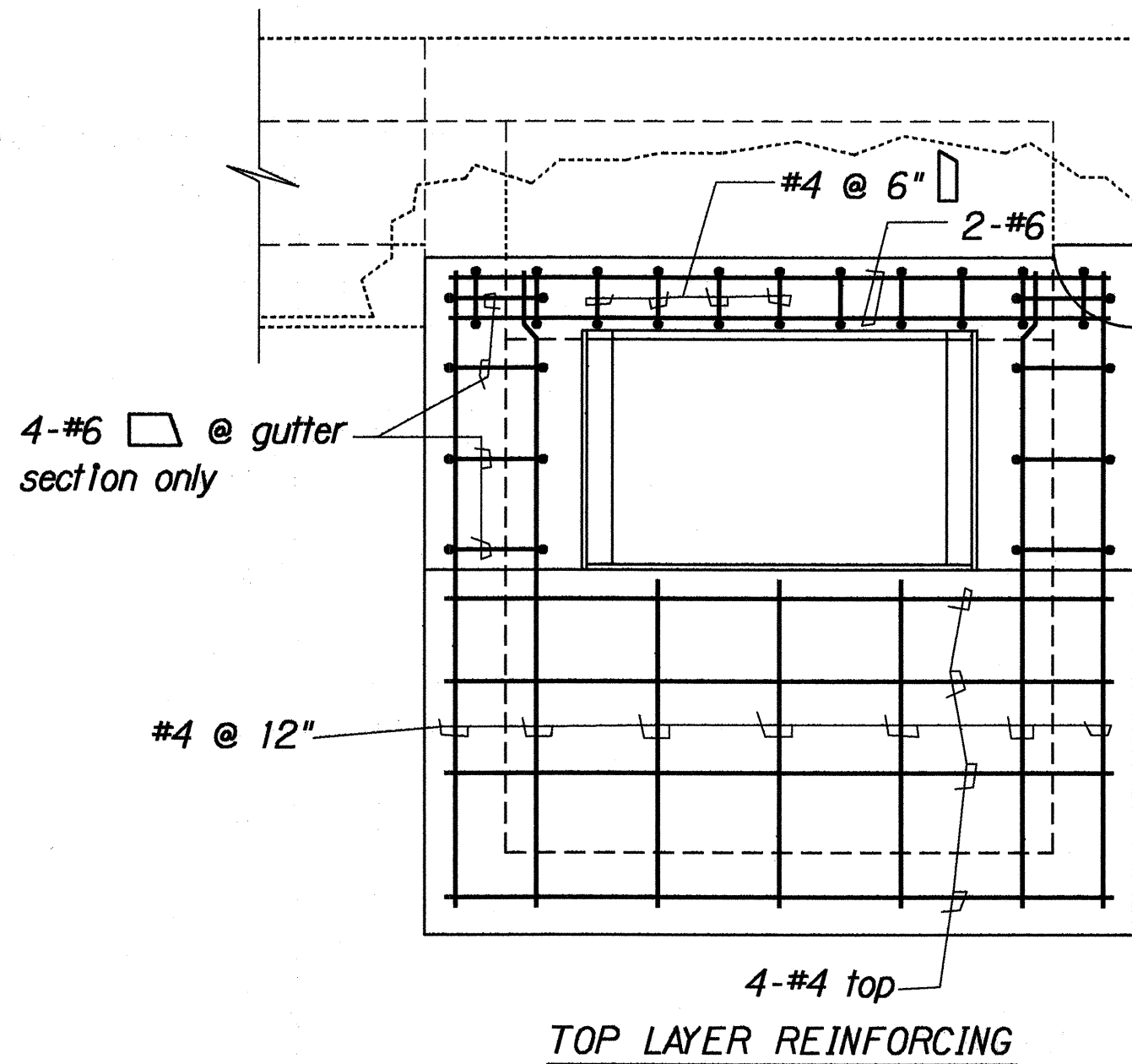
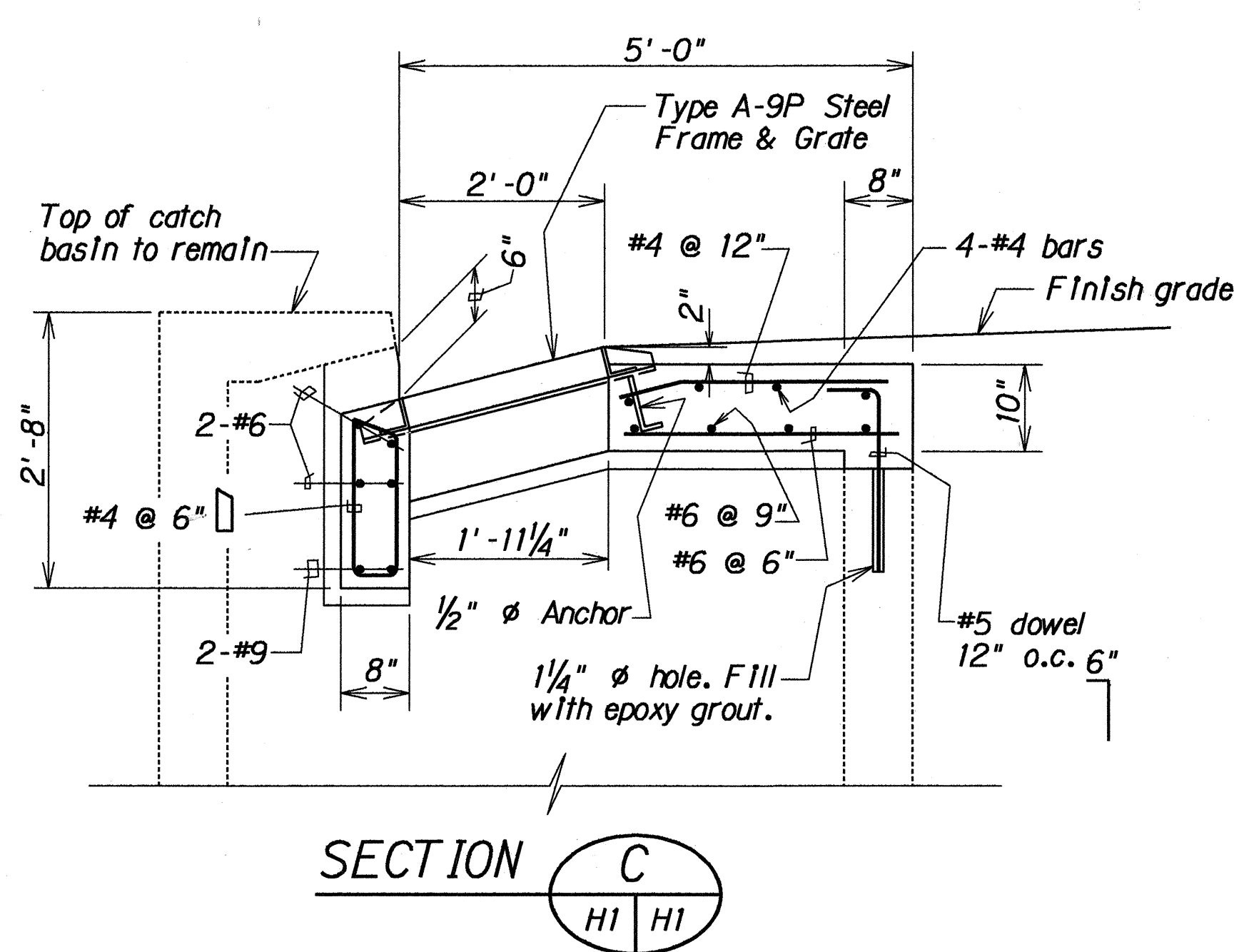
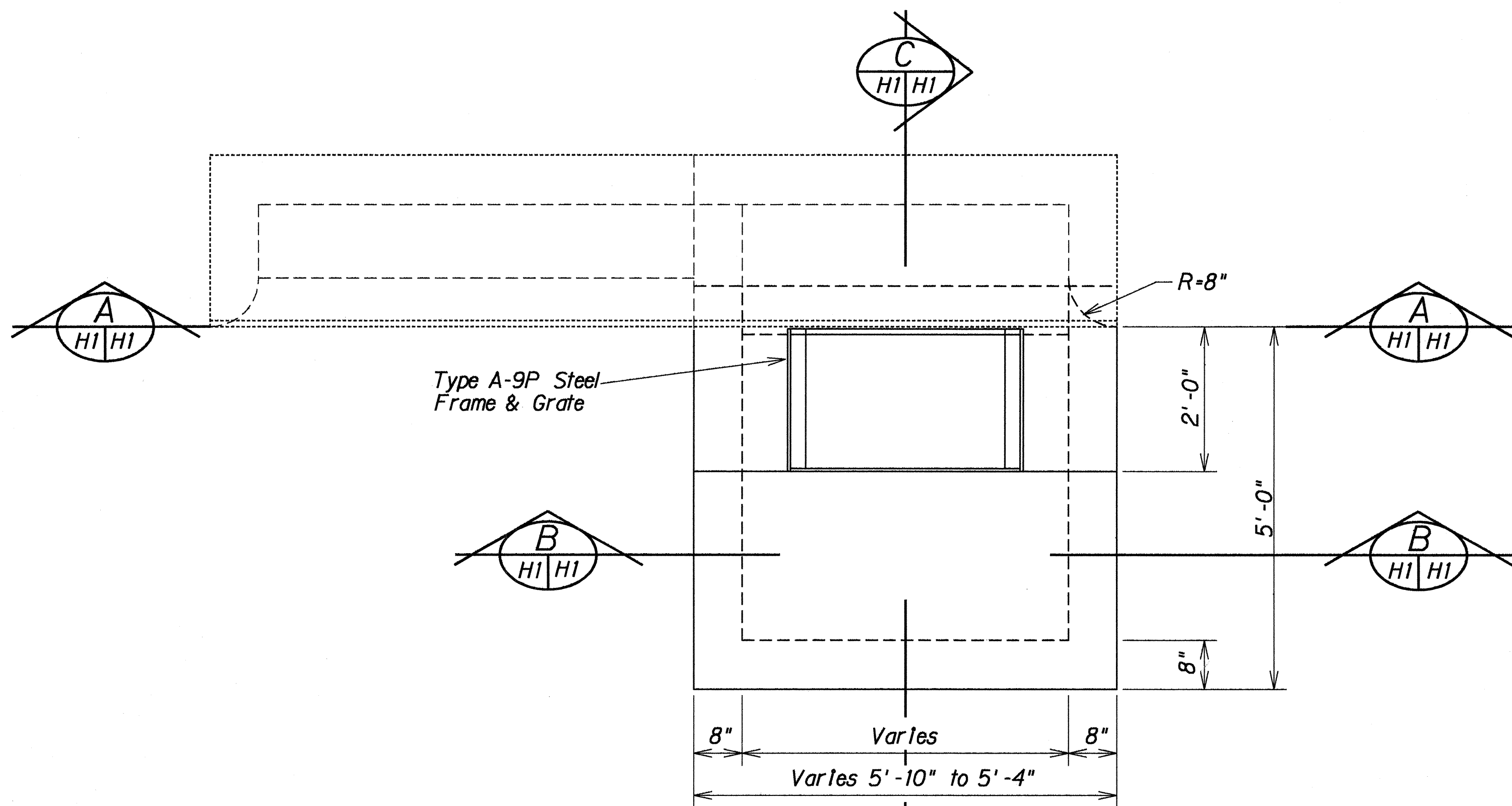
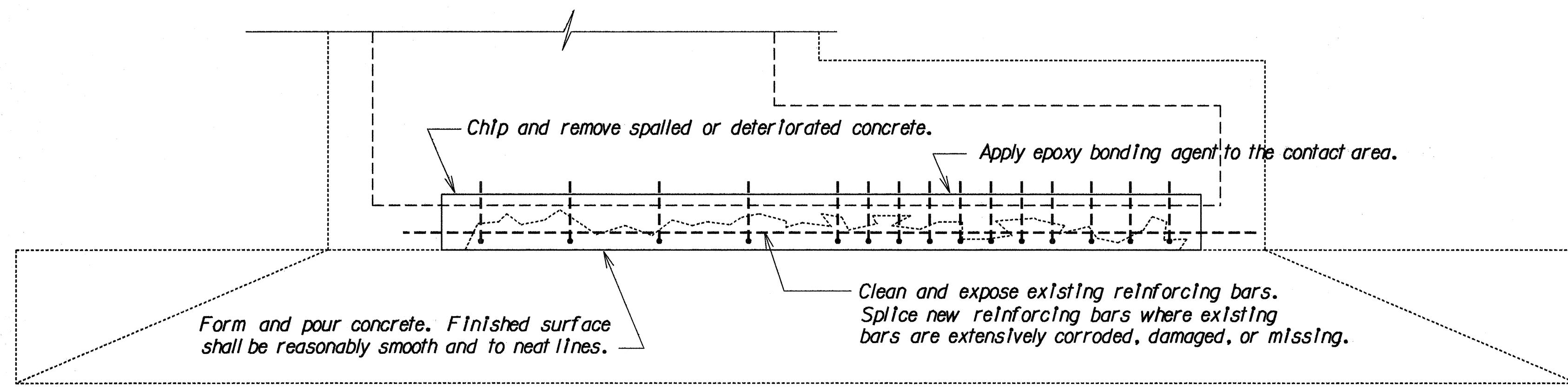


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92AB-01-92M	1992	30	32



DETAIL OF GRATE INLET FOR CATCH BASIN AT STA. 9+37 RT. AND STA. 24+00 RT.

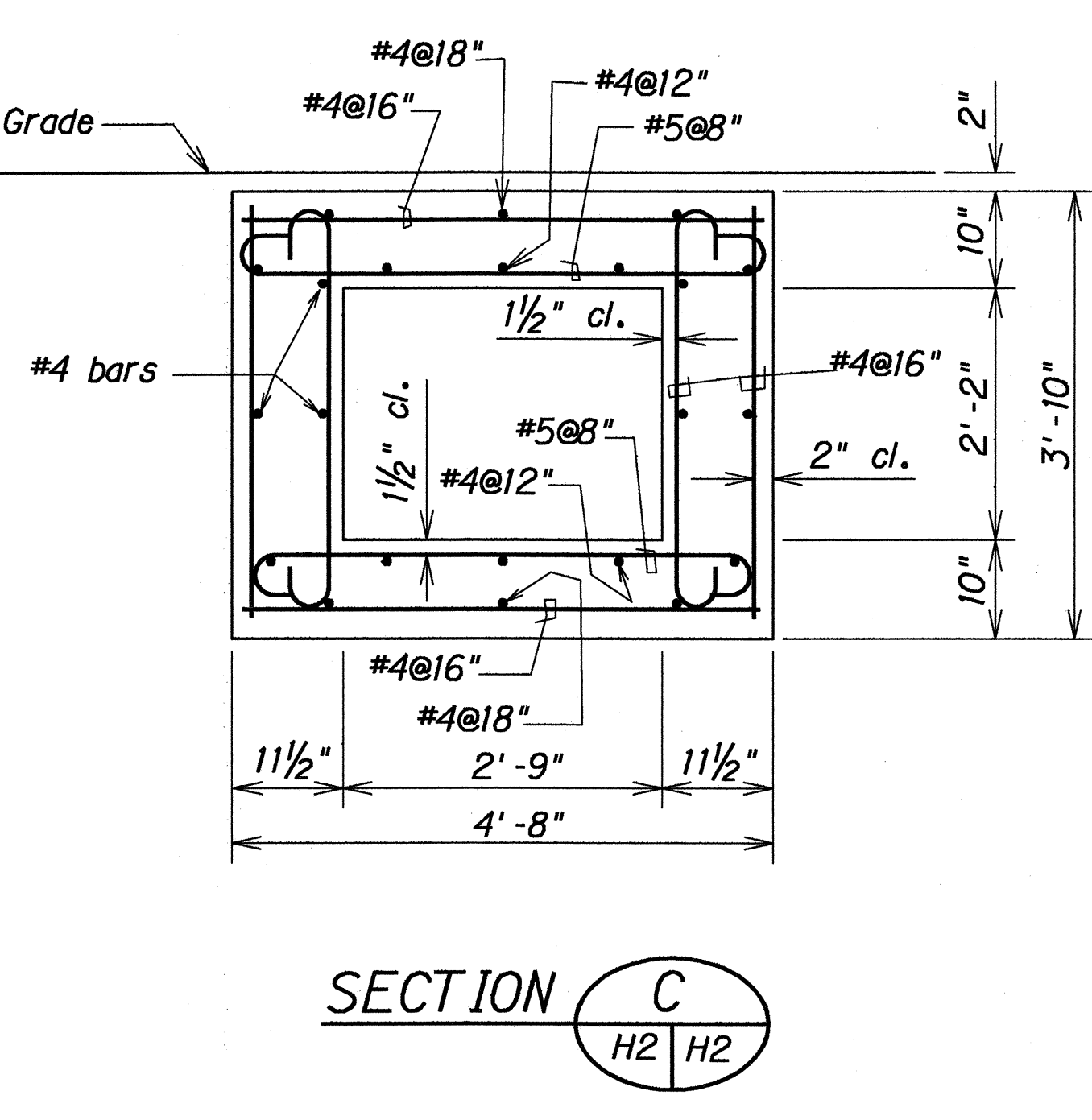
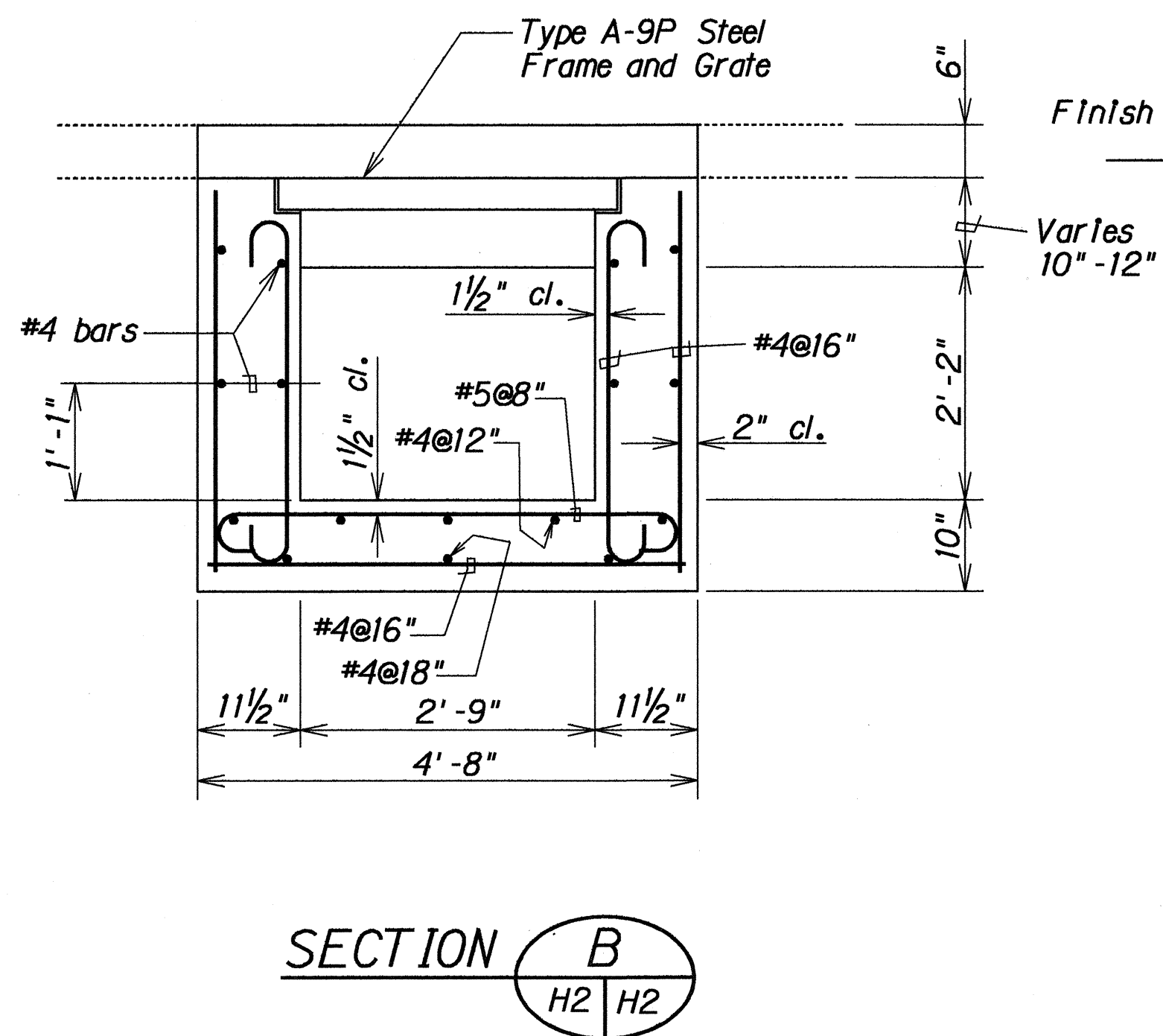
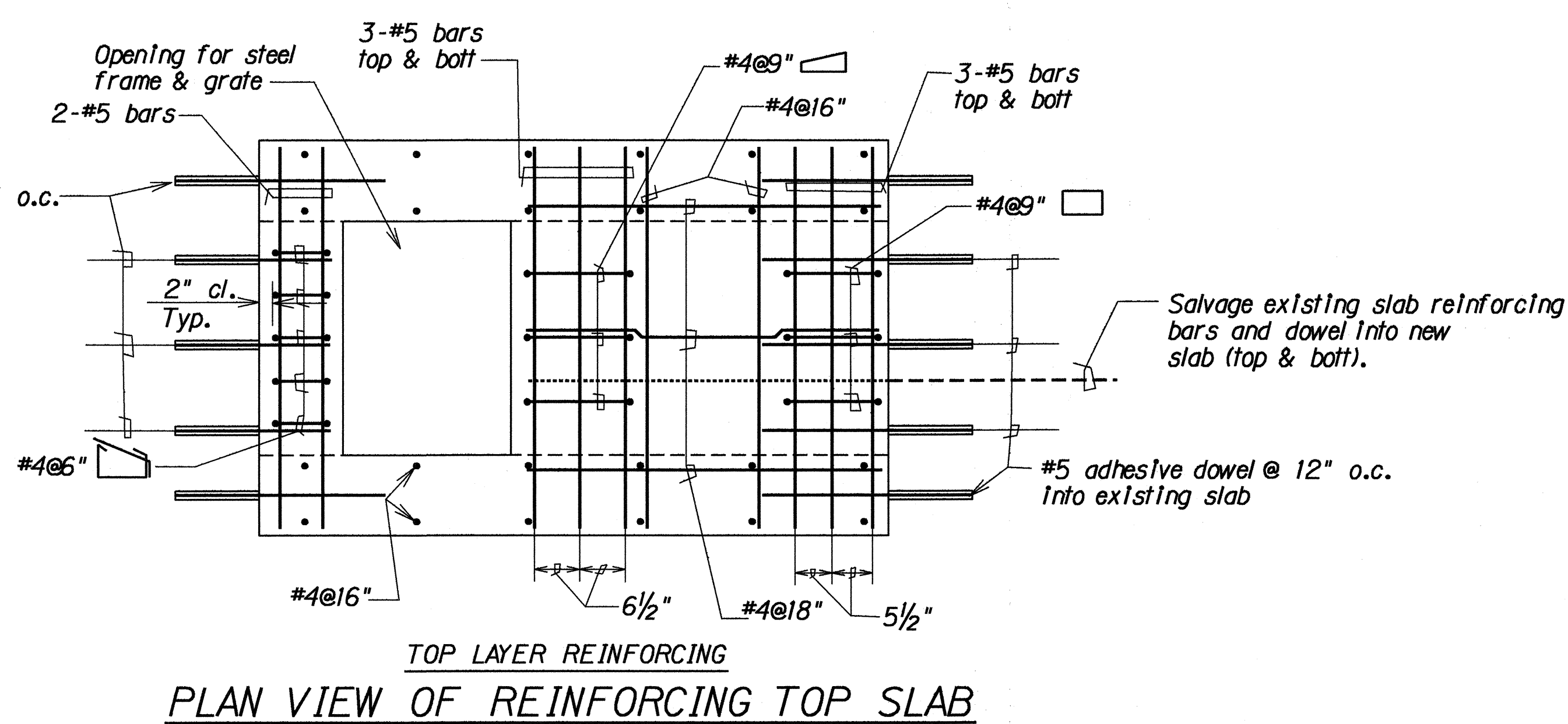
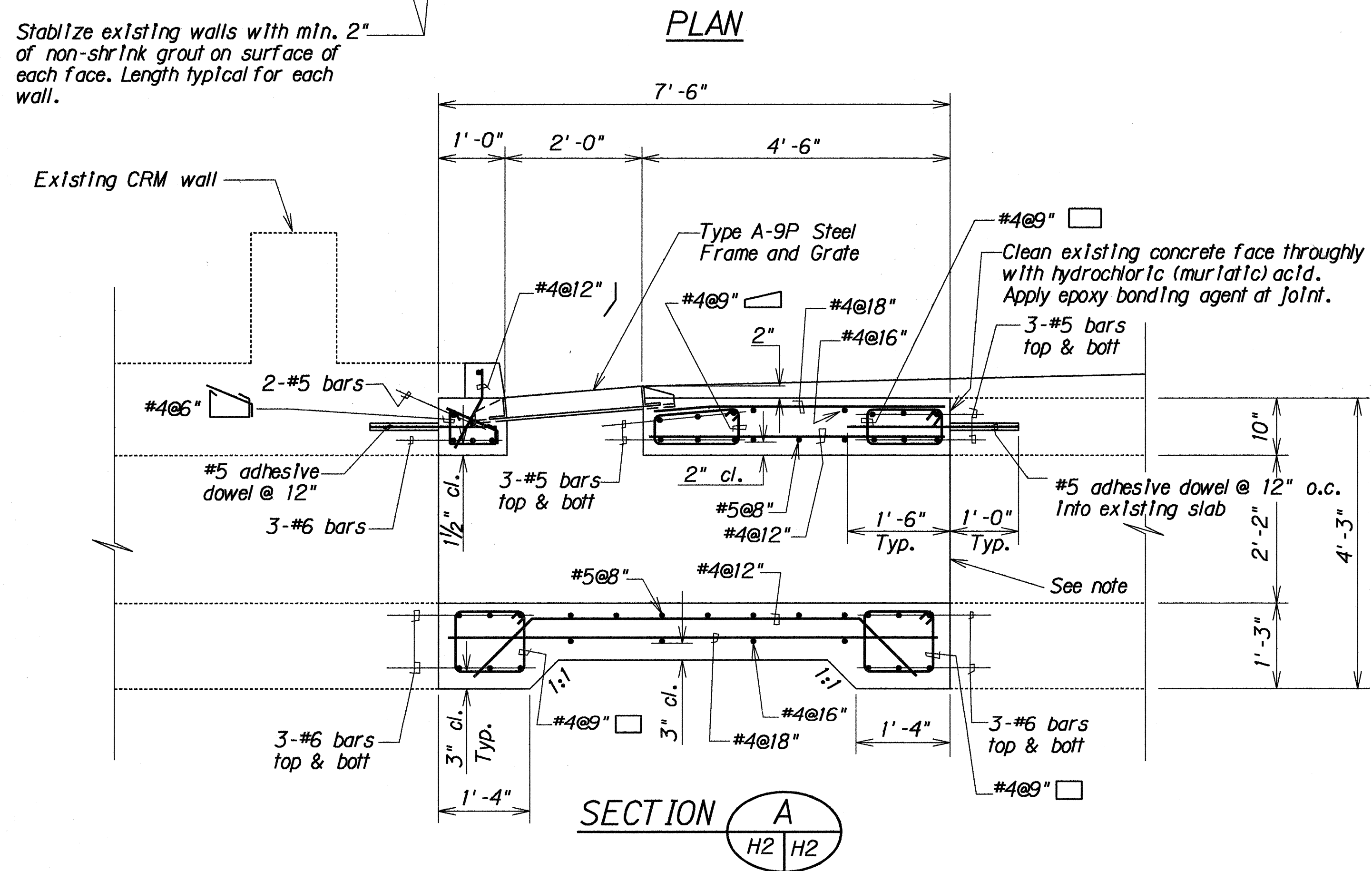
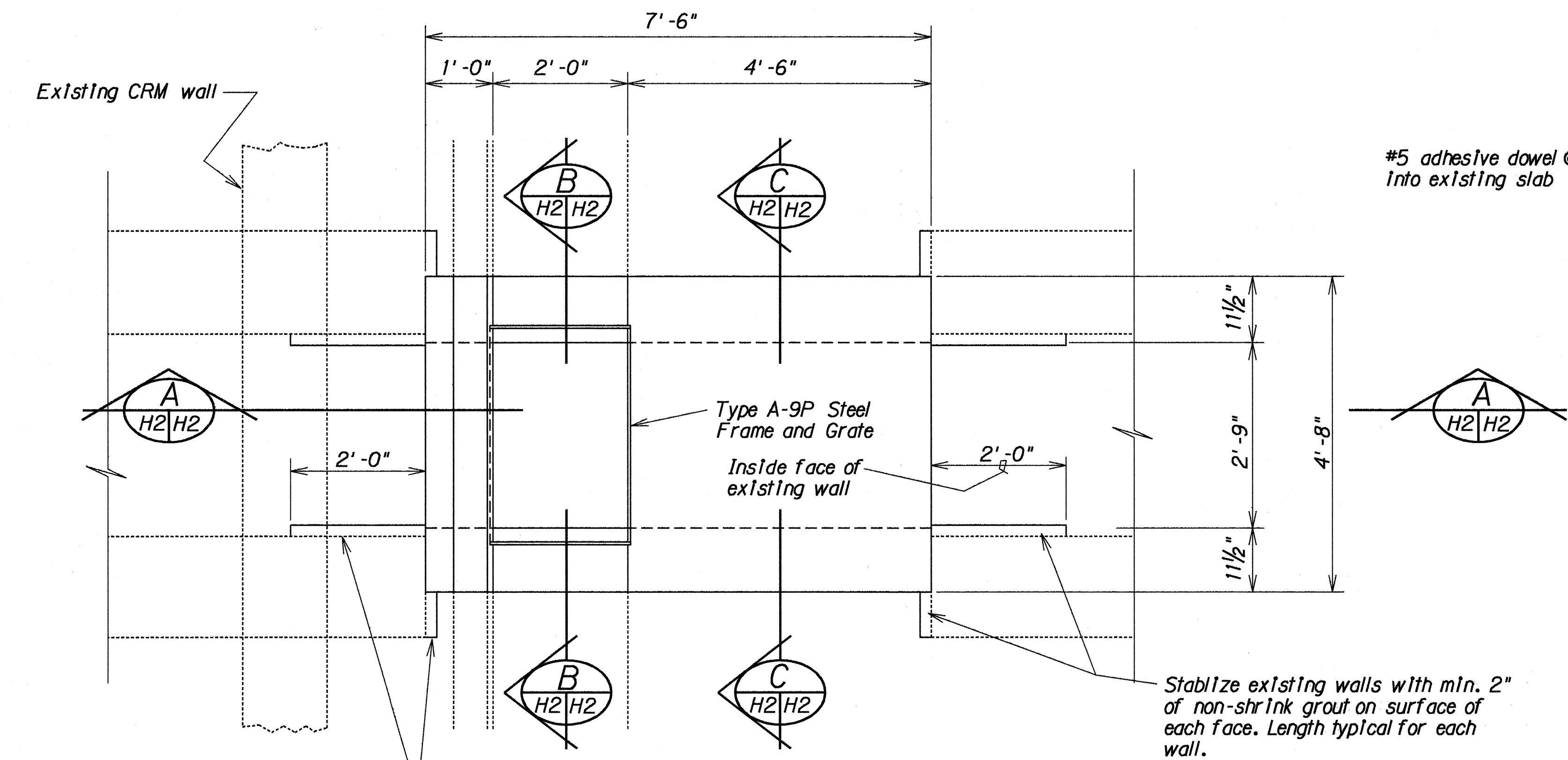


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAIL
ALA MOANA BOULEVARD RESURFACING
Keawe Street to Kalakaua Avenue
Project No. 92AB-01-92M
Scale: 3/4" = 1'-0"
Mar., 1992
SHEET No. H1 OF 2 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92AB-01-92M	1992	31	32



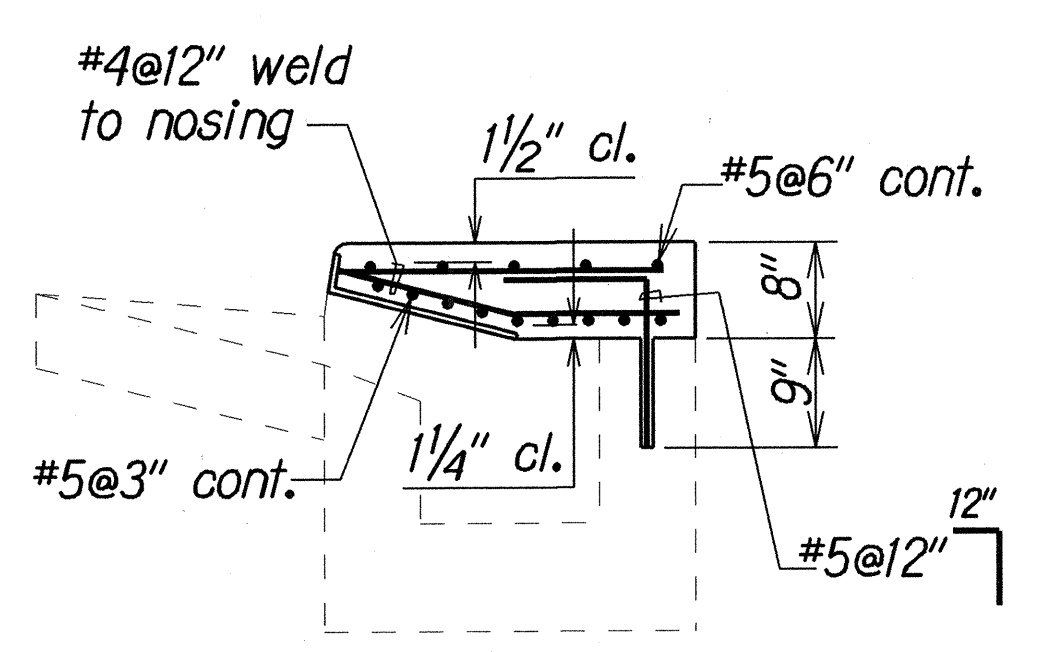
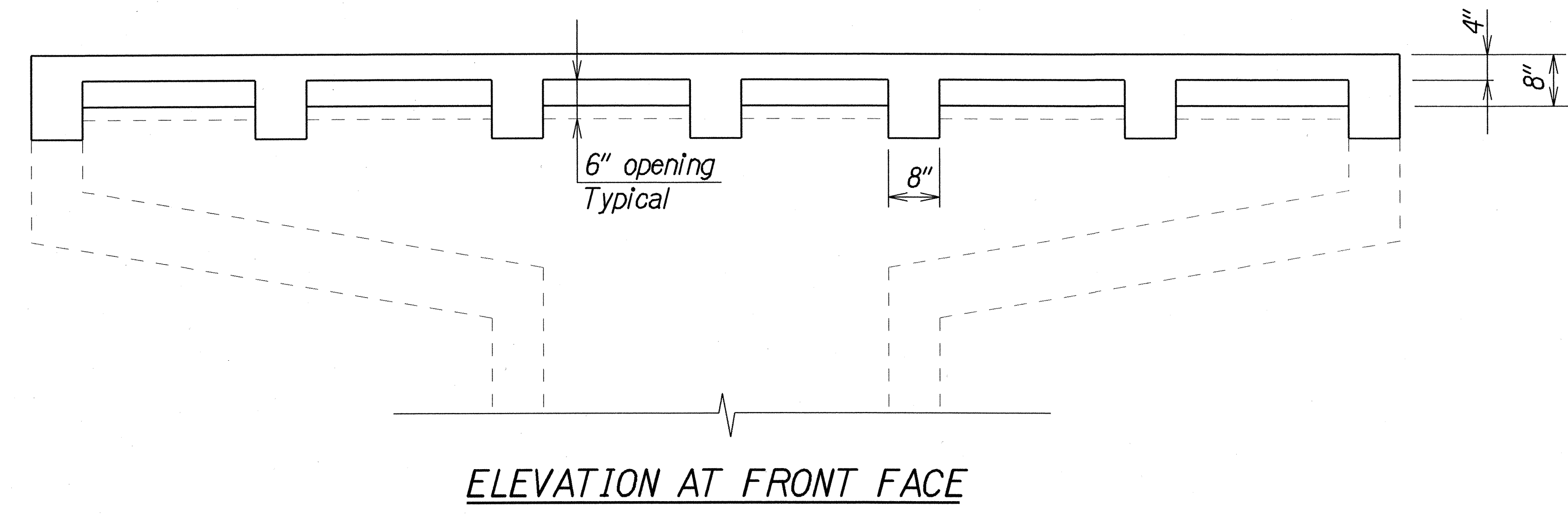
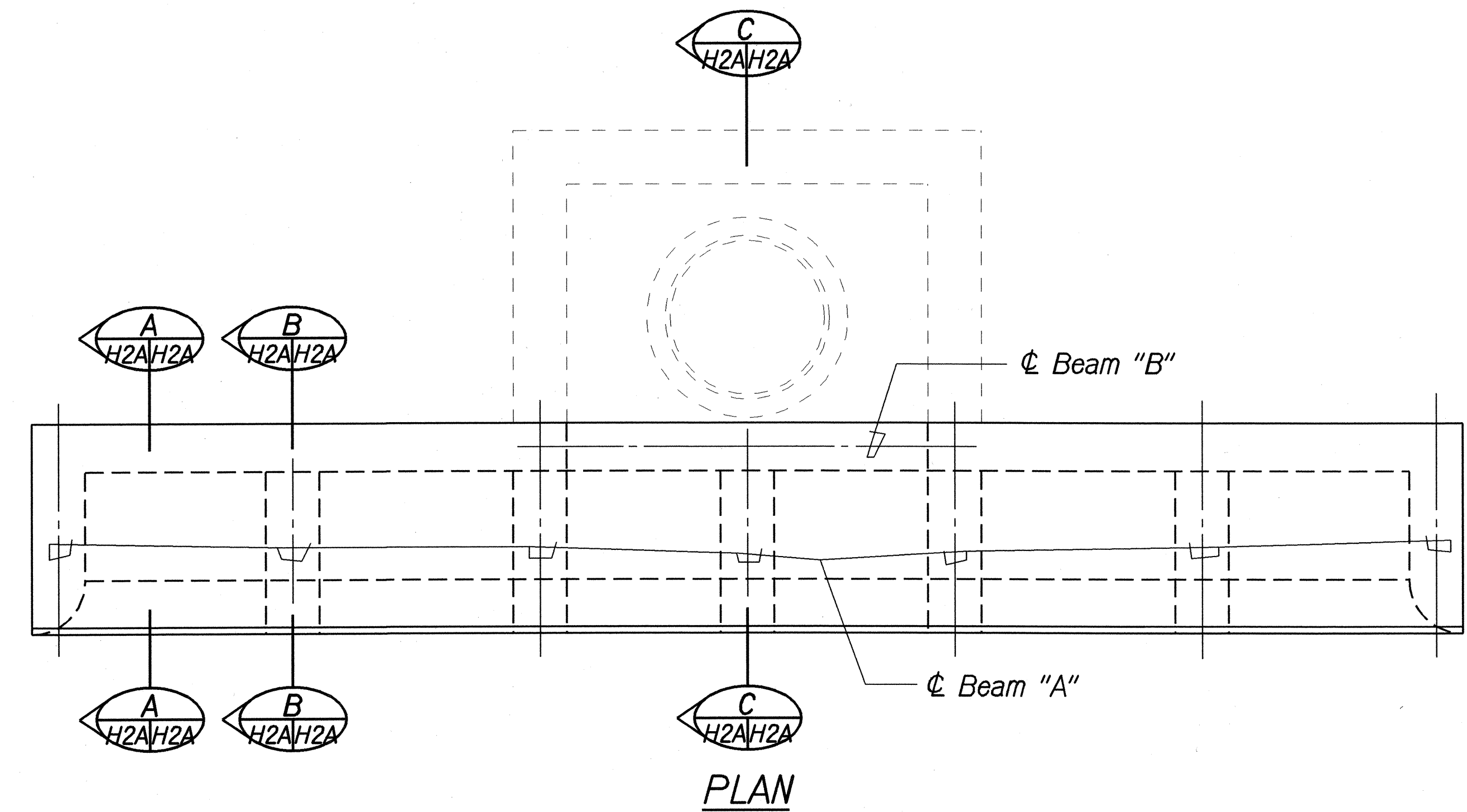
NOTE:
During removal of existing walls, any loosen rock shall be removed and filled with epoxy grout. Adhesive anchor shall not be paid for separately but shall be incidental to concrete.

DETAIL OF TYPE "D" GRATED DROP INLET AT STA. 46+00

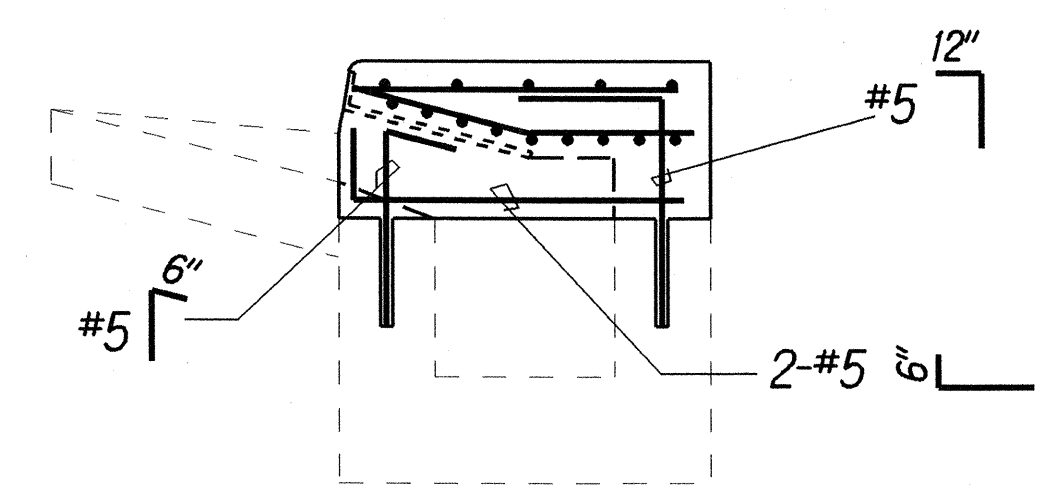
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAIL
ALA MOANA BOULEVARD RESURFACING
Keawe Street to Kalakaua Avenue
Project No. 92AB-01-92M
Scale: 3/4" = 1'-0" Mar., 1992
SHEET No. H2 OF 2 SHEETS

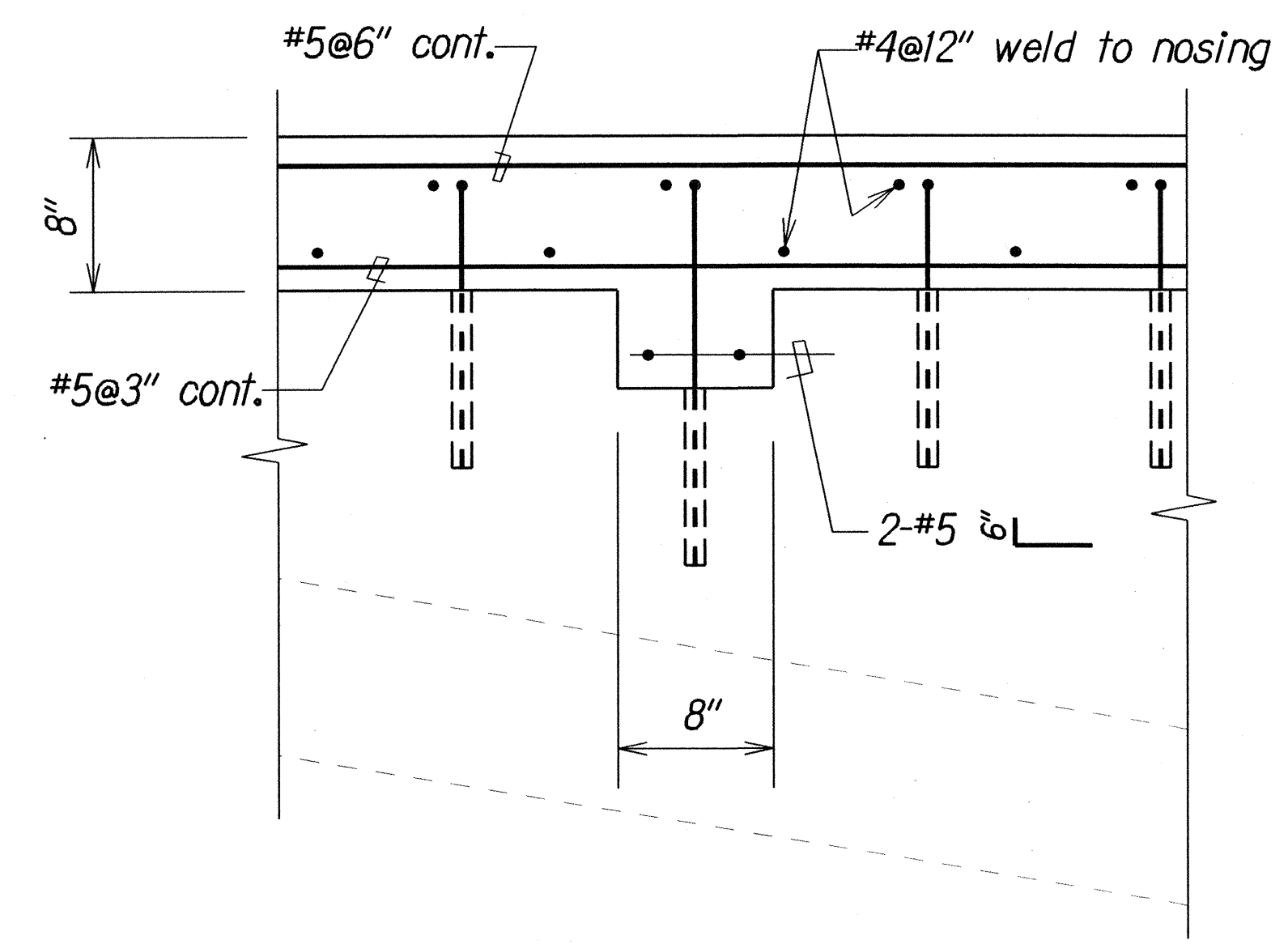
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92AB-01-92M	1992	31 S-1	32



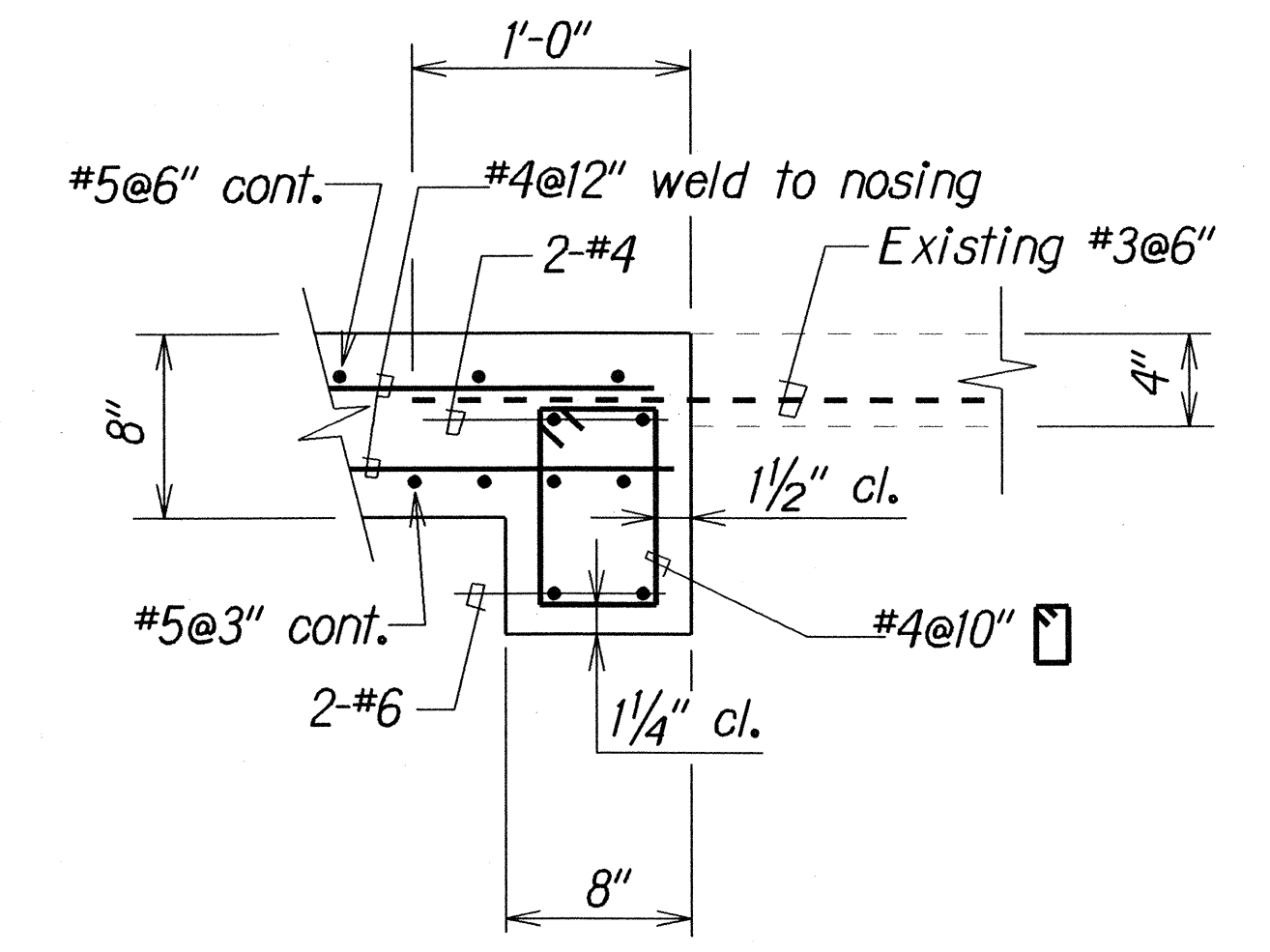
SECTION A
H2AH2A



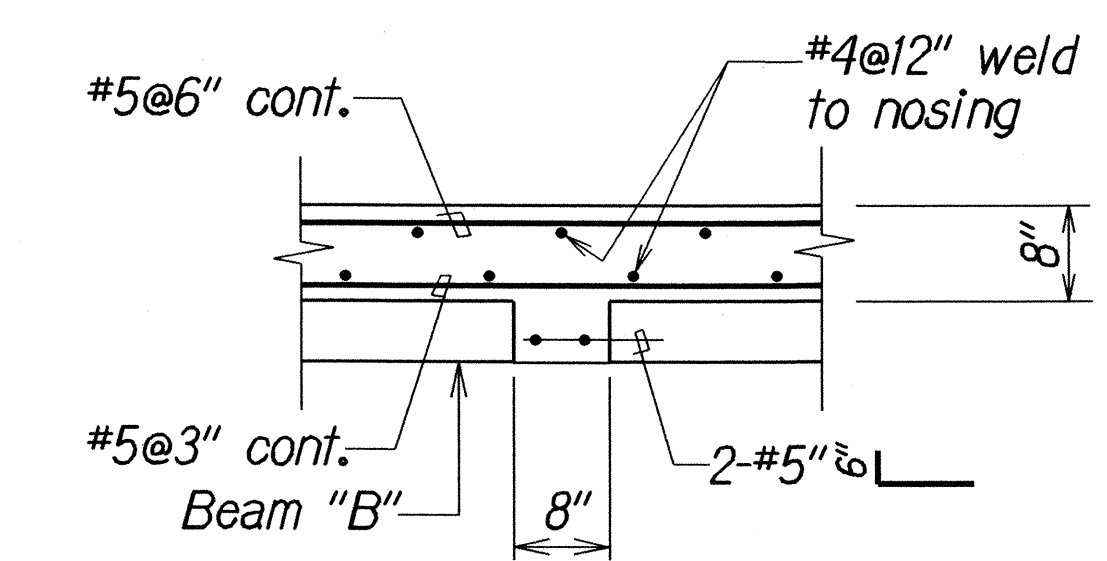
SECTION B
H2AH2A



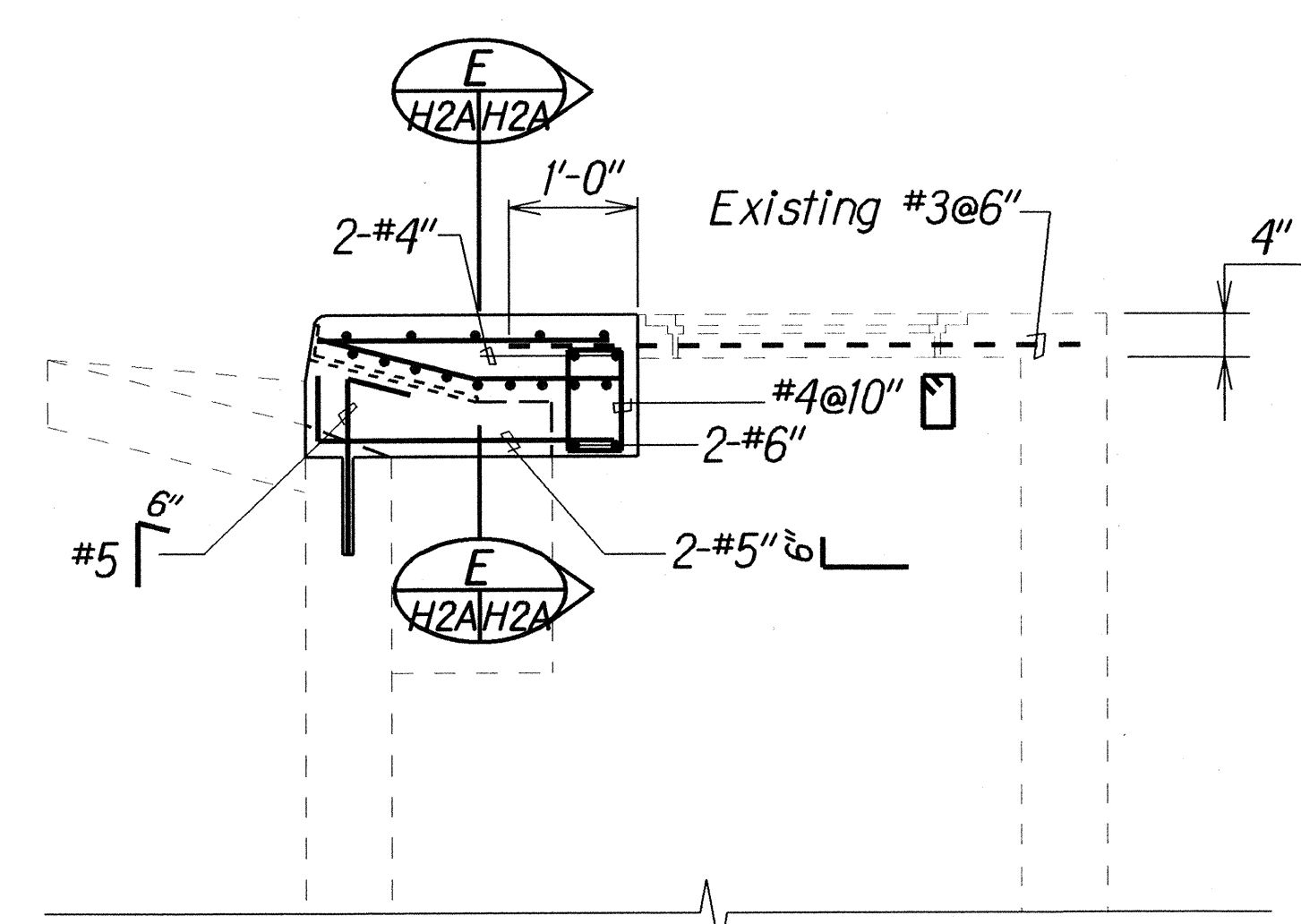
TYPICAL SECTION BEAM "A"



TYPICAL SECTION BEAM "B"



SECTION E
H2AH2A



SECTION C
H2AH2A

DETAIL OF RECONSTRUCTED DAMAGE CATCH BASIN

Note: This tracing prepared during "As-Built" posting.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAIL

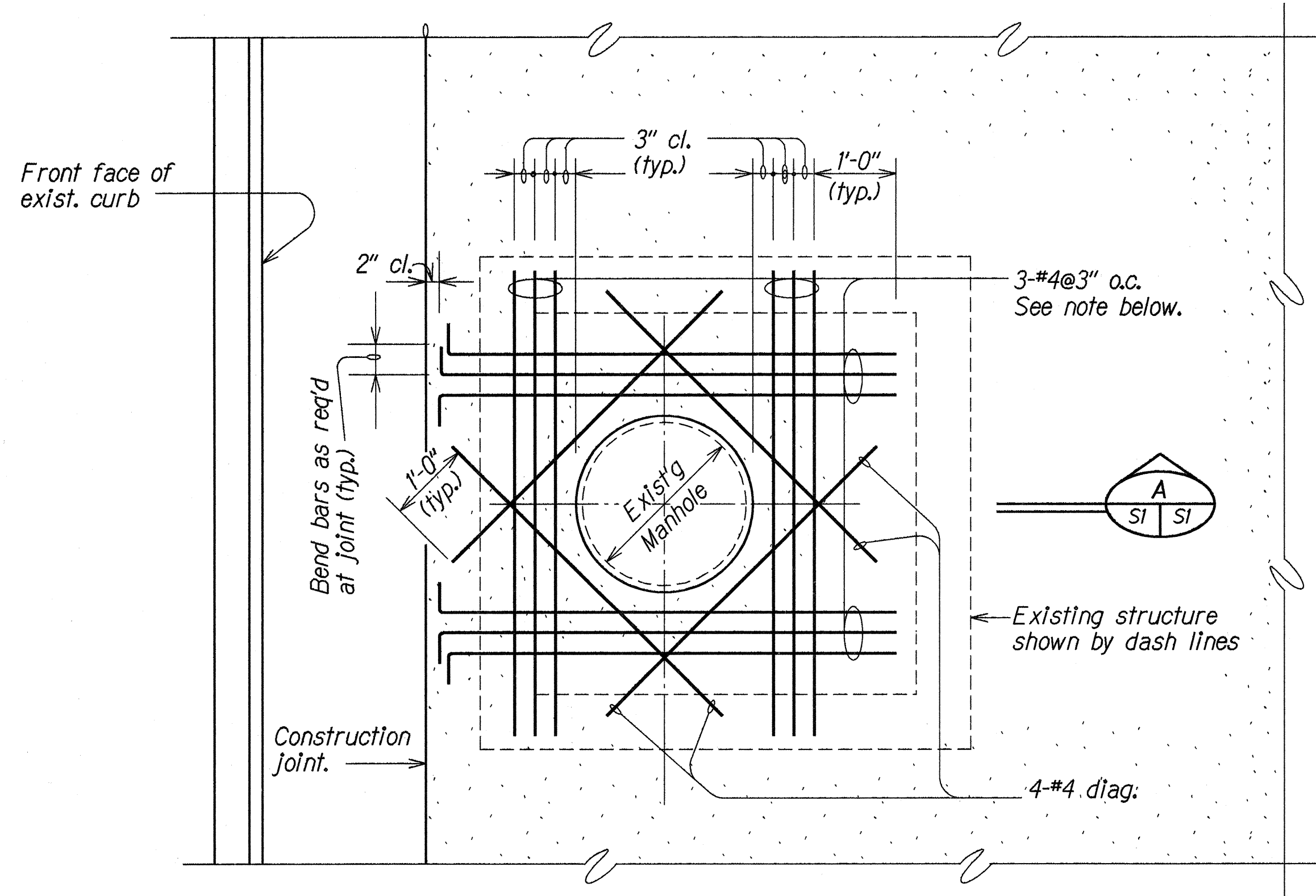
ALA MOANA BOULEVARD RESURFACING
Keawe Street to Kalakaua Avenue
Project No. 92AB-01-92M

Not To Scale Date: Mar. 1992

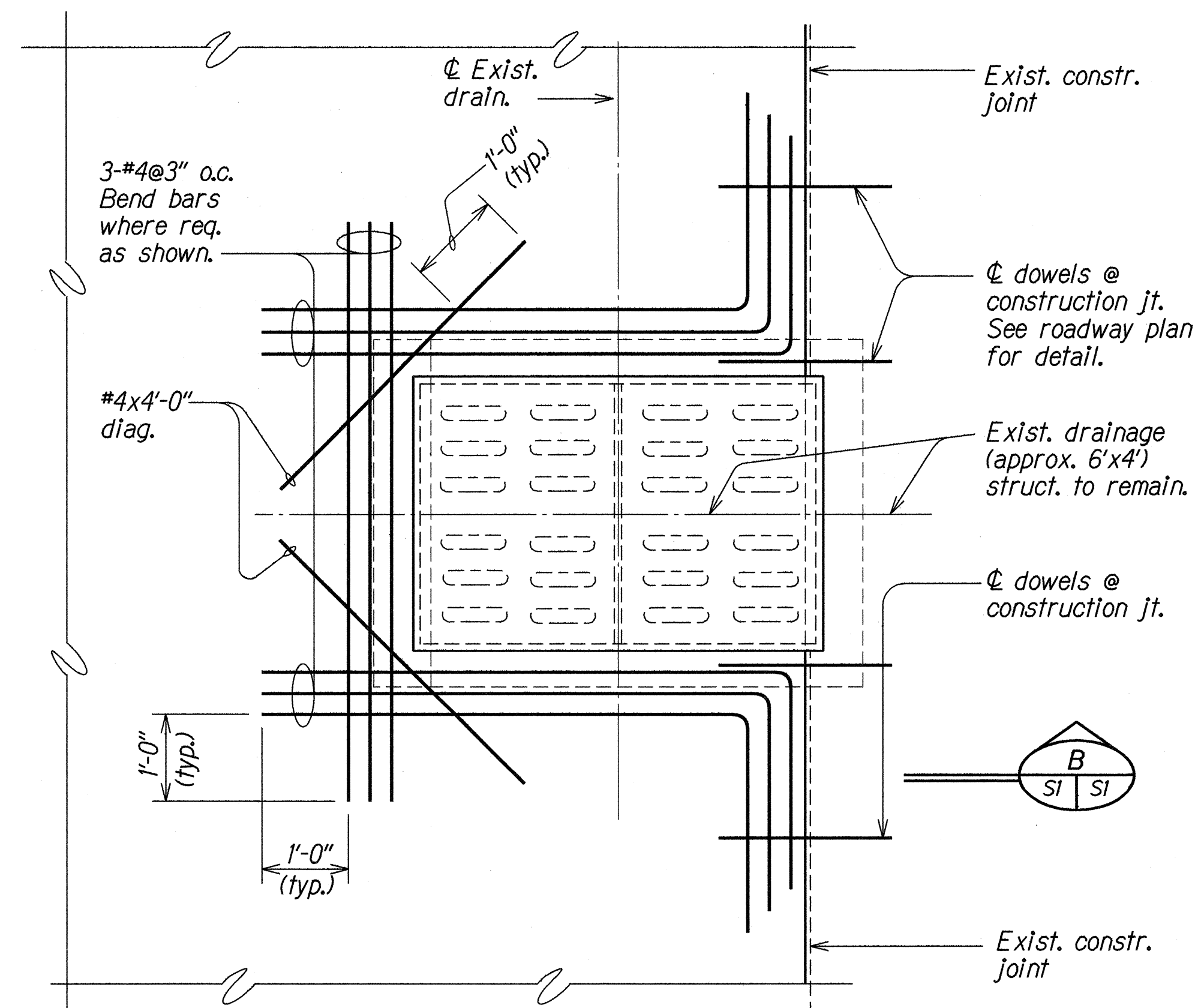
SHEET No. H2A OF 2 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
CHECKED BY	
N.	

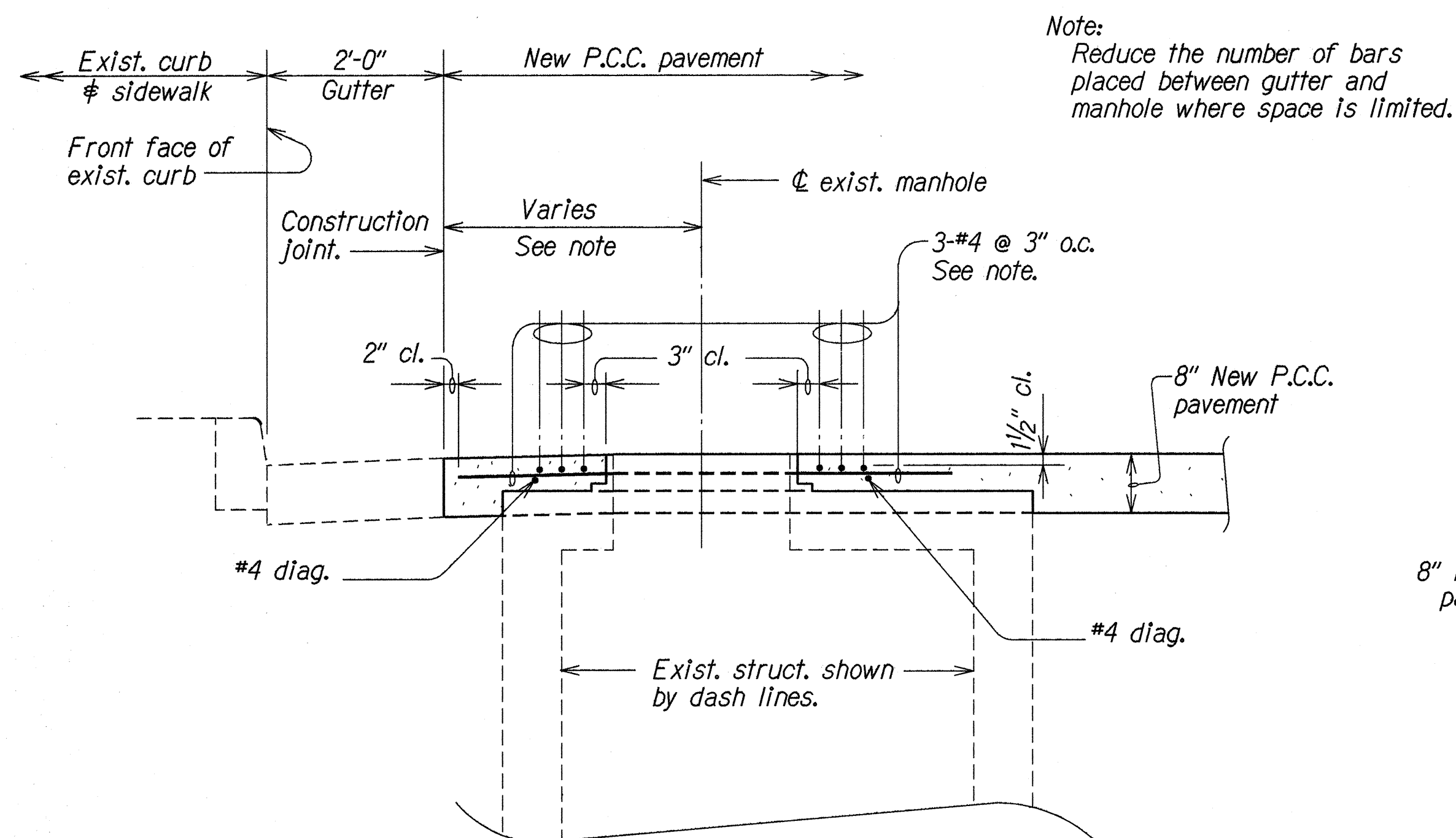
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92AB-01-92M	1992	32	32



PLAN



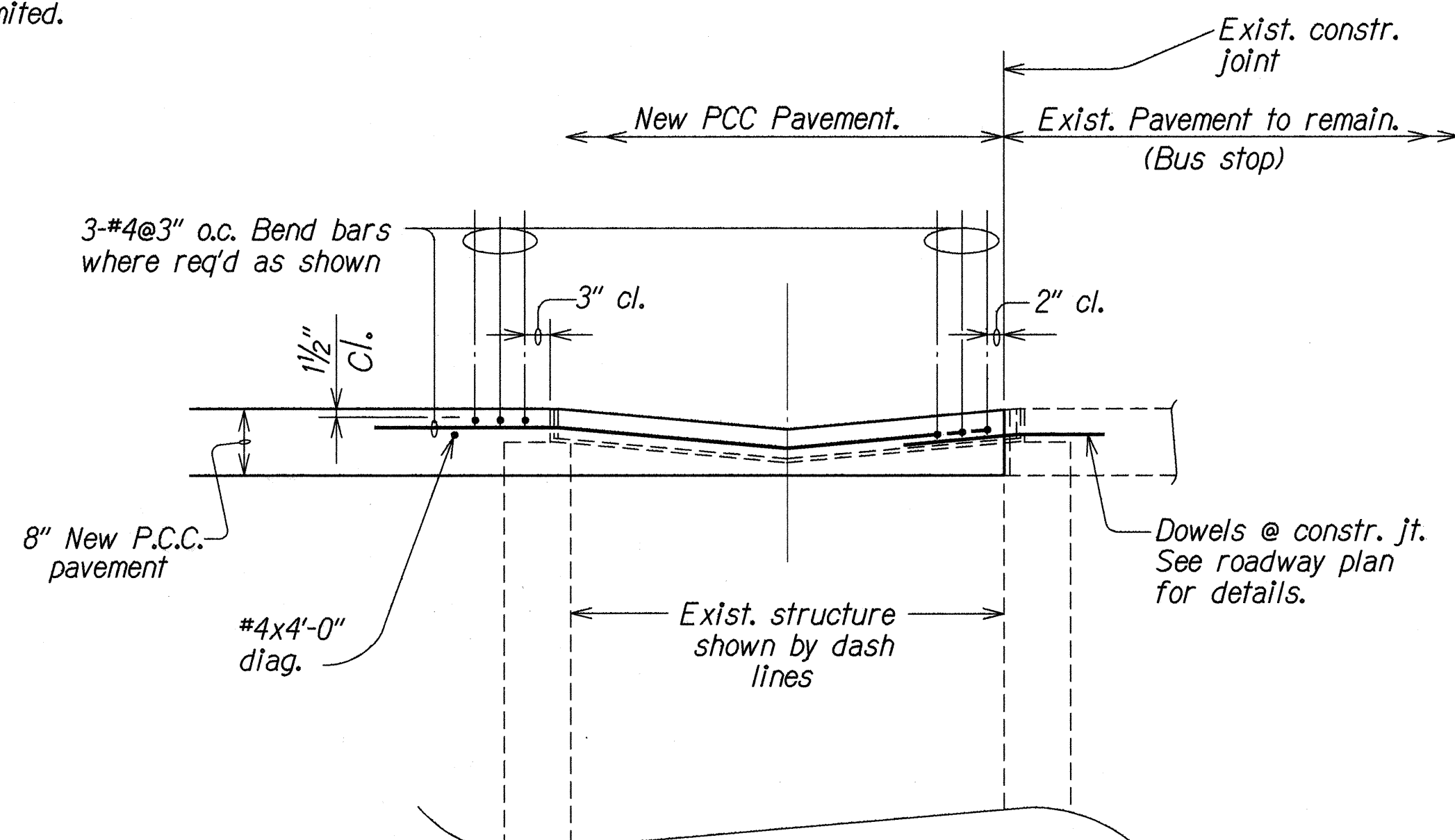
PLAN



SECTION A

TYPICAL REINFORCEMENT DETAIL AROUND EXISTING MANHOLE

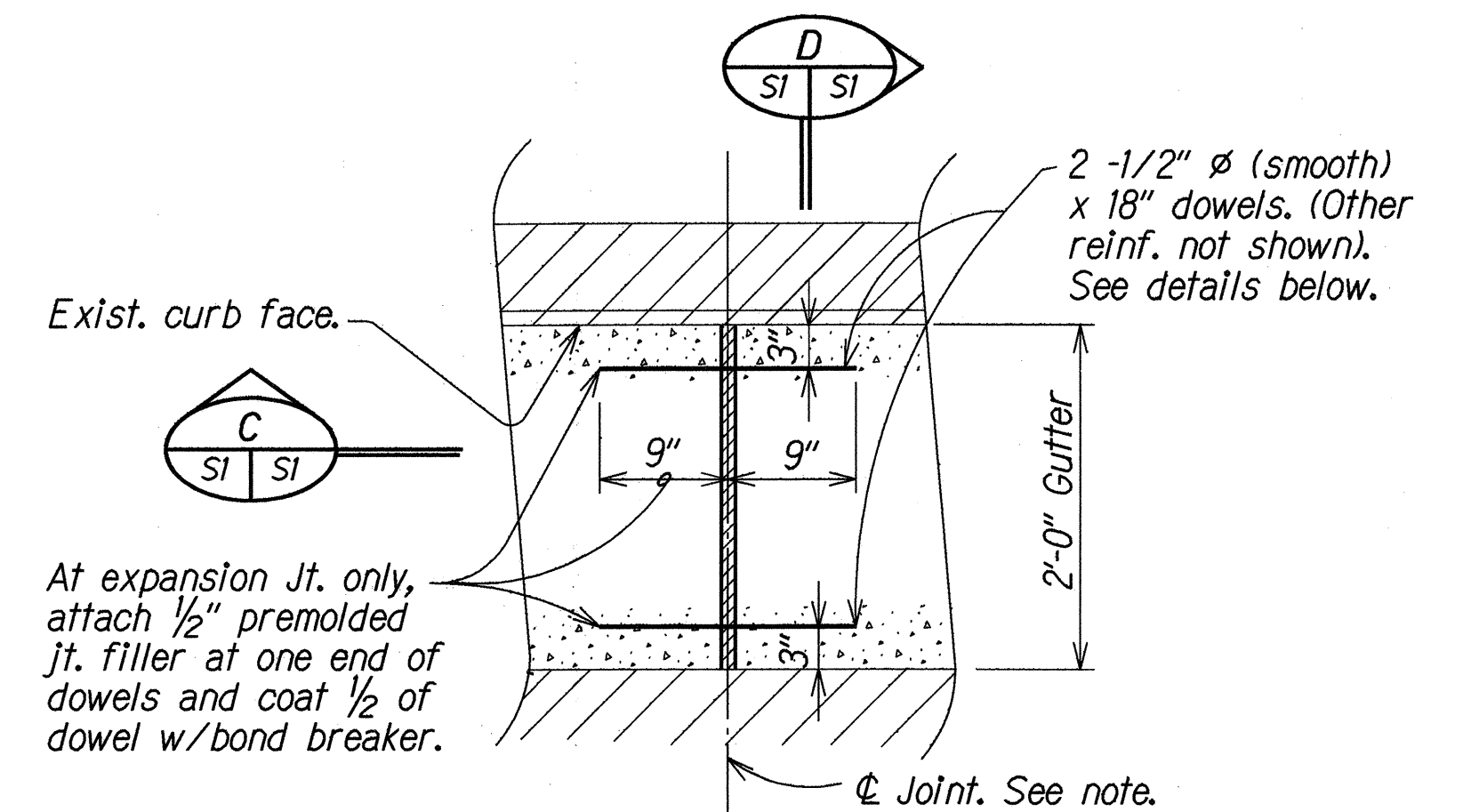
Scale: 3/4"=1'-0"



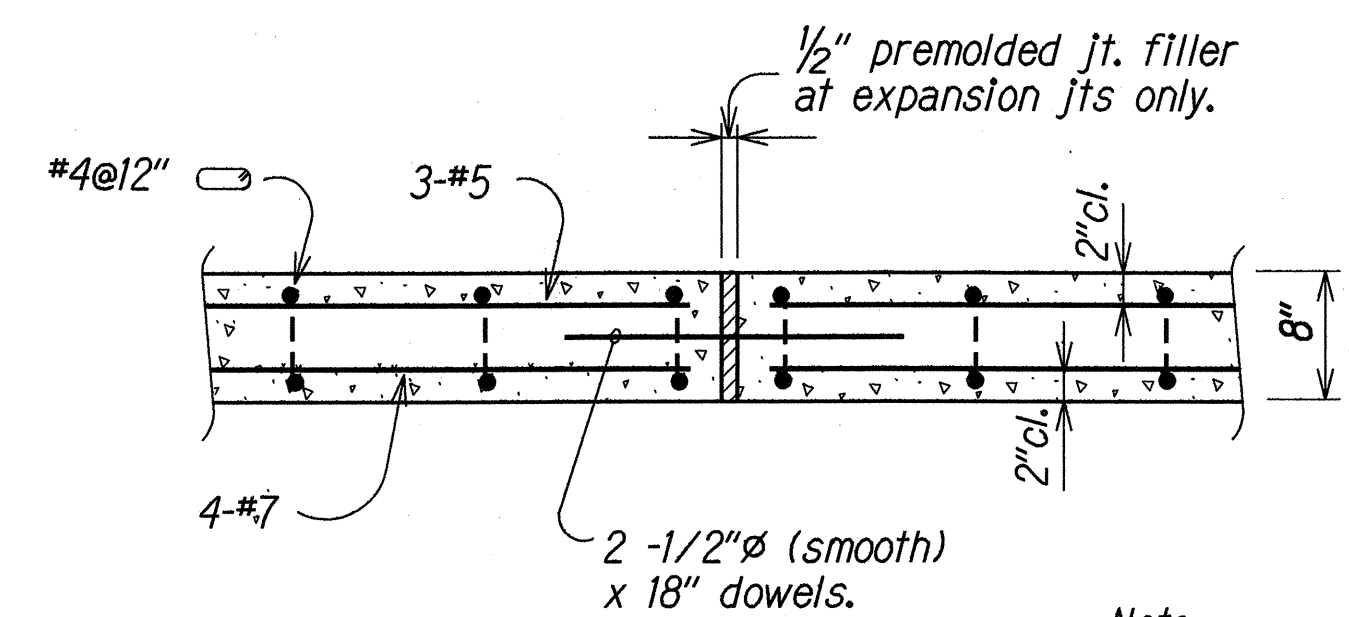
SECTION B

REINFORCING DETAIL AROUND EXISTING DRAINAGE STRUCTURE AT STA. 50+70 (EWA BOUND)

Scale: 3/4"=1'-0"

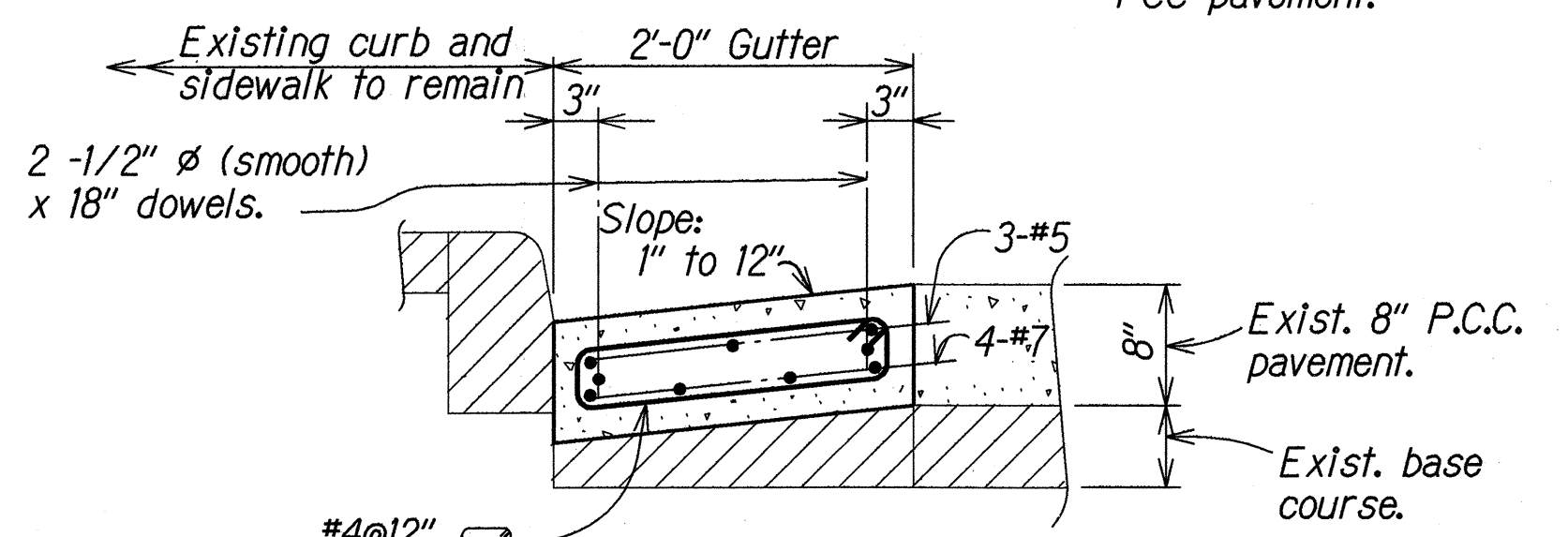


PLAN



SECTION C

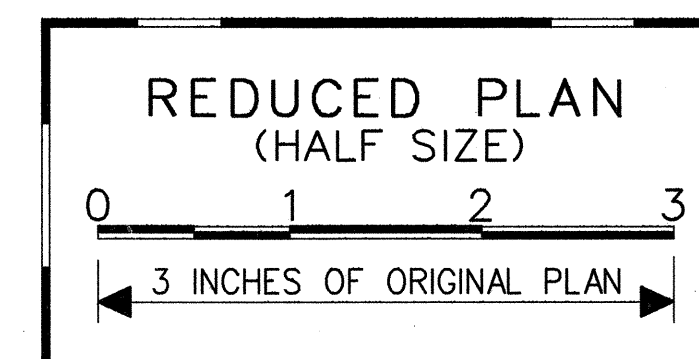
Note:
Expansion & construction joints in the new gutter shall be constructed directly in line with adjoining counterpart occurring in existing PCC pavement.



SECTION D

MODIFIED TYPE 2A GUTTER

Scale: 1"= 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PCC PAVEMENT REINFORCEMENT DETAIL AROUND
EXISTING MANHOLES, DRAINAGE STRUCTURE AND
MODIFIED TYPE 2A GUTTER**

ALA MOANA BOULEVARD RESURFACING
KEANE STREET TO KALAKAUA AVENUE
Project No. 92AB-01-92M

Scale: As Noted Date: Mar, 1992

SHEET No. 31 OF 1 SHEETS