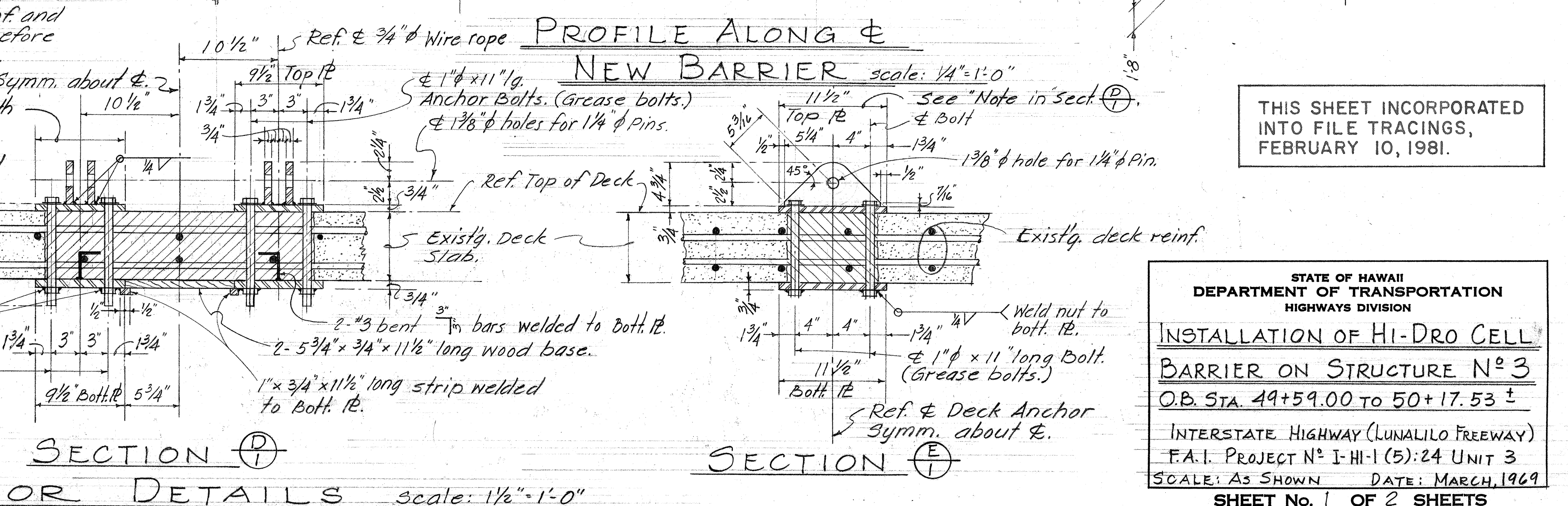
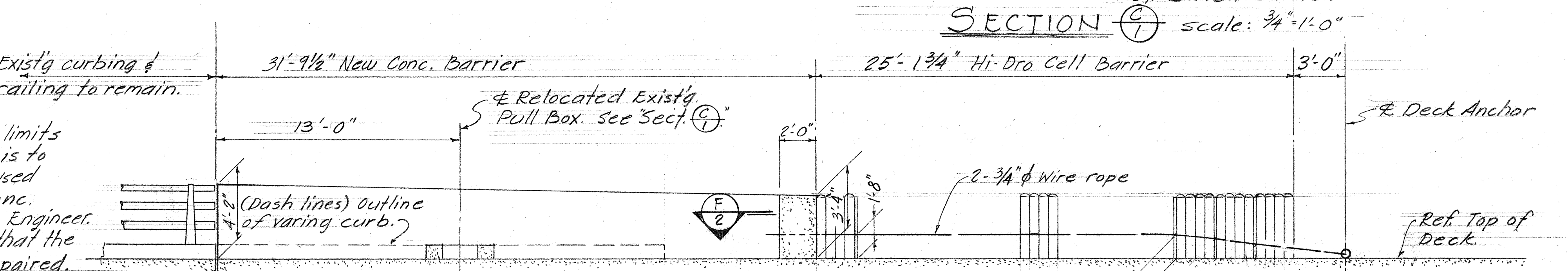
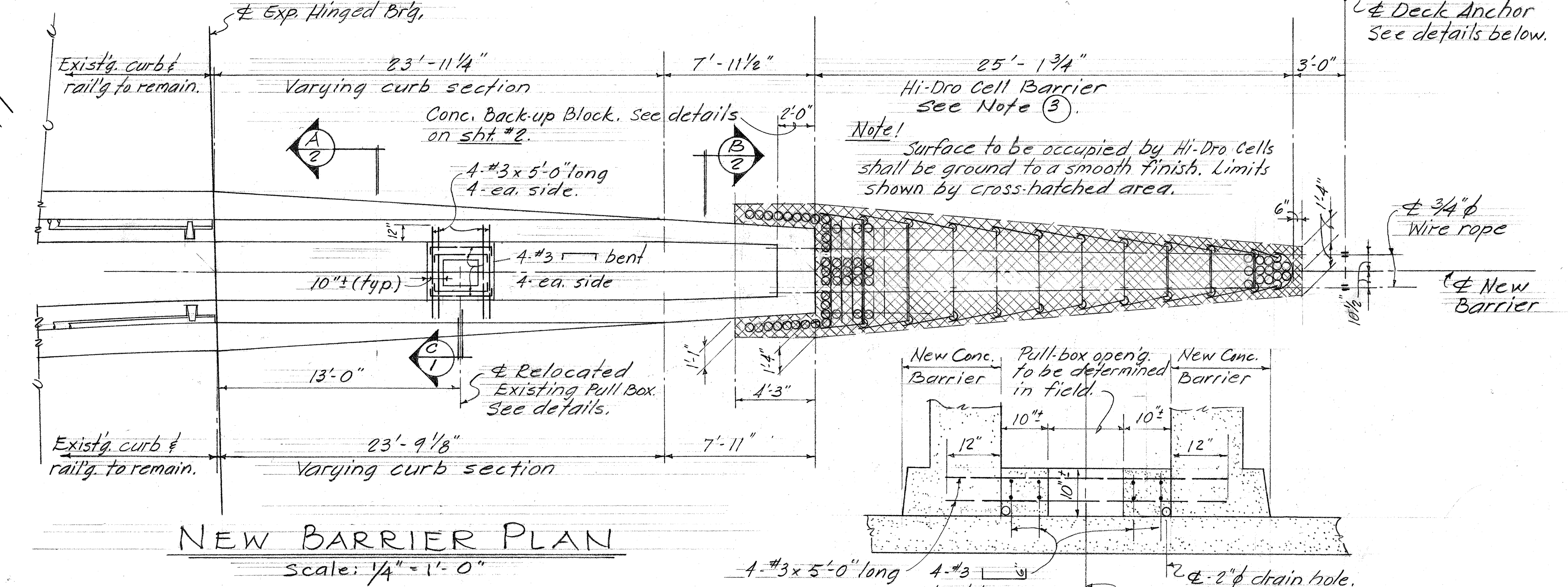


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-41-1(5):24 UNIT 3	1969	1575	152

- NOTES**
- Existing curb reinf. occurring under new conc. barrier shall be cleaned, straighten and lapped with new barrier reinf.
 - Remove by burning all protruding existing reinf. not occurring under new barrier and in its place drill 2" ϕ x 6" deep holes spaced as shown in Section (A) for new conc. barrier dowels.
 - Construction and installation of steel back-up assembly and Hi-Dro Cells shall be done by others.
 - Galvanize all steel plates, cable anchors, cables, bolts and miscellaneous steel.



DECK ANCHOR DETAILS Scale: 1 1/2" = 1'-0"

SECTION (D) Scale: 1 1/2" = 1'-0"

SECTION (E) Scale: 1 1/2" = 1'-0"

PLAN Scale: 1" = 10'-0"

WORK SITE PLAN Scale: 1" = 10'-0"

SECTION (A) Scale: 1/4" = 1'-0"

SECTION (B) Scale: 1/4" = 1'-0"

SECTION (C) Scale: 3/4" = 1'-0"

SECTION (D) Scale: 1 1/2" = 1'-0"

SECTION (E) Scale: 1 1/2" = 1'-0"

SECTION (F) Scale: 1 1/2" = 1'-0"

SECTION (G) Scale: 1 1/2" = 1'-0"

SECTION (H) Scale: 1 1/2" = 1'-0"

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SECTION (AB) Scale: 1 1/2" = 1'-0"

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SECTION (BB) Scale: 1 1/2" = 1'-0"

SECTION (BC) Scale: 1 1/2" = 1'-0"

SECTION (BD) Scale: 1 1/2" = 1'-0"

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SECTION (BG) Scale: 1 1/2" = 1'-0"

SECTION (BH) Scale: 1 1/2" = 1'-0"

SECTION (BI) Scale: 1 1/2" = 1'-0"

SECTION (BJ) Scale: 1 1/2" = 1'-0"

SECTION (BK) Scale: 1 1/2" = 1'-0"

SECTION (BL) Scale: 1 1/2" = 1'-0"

SECTION (BM) Scale: 1 1/2" = 1'-0"

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SECTION (BS) Scale: 1 1/2" = 1'-0"

SECTION (BT) Scale: 1 1/2" = 1'-0"

SECTION (BU) Scale: 1 1/2" = 1'-0"

SECTION (BV) Scale: 1 1/2" = 1'-0"

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SECTION (DJ) Scale: 1 1/2" = 1'-0"

SECTION (DK) Scale: 1 1/2" = 1'-0"

SECTION (DL) Scale: 1 1/2" = 1'-0"

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SECTION (DN) Scale: 1 1/2" = 1'-0"

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SECTION (DT) Scale: 1 1/2" = 1'-0"

SECTION (DU) Scale: 1 1/2" = 1'-0"

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SECTION (DW) Scale: 1 1/2" = 1'-0"

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SECTION (ED) Scale: 1 1/2" = 1'-0"

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SECTION (EQ) Scale: 1 1/2" = 1'-0"

SECTION (ER) Scale: 1 1/2" = 1'-0"

SECTION (ES) Scale: 1 1/2" = 1'-0"

SECTION (ET) Scale: 1 1/2" = 1'-0"

SECTION (EU) Scale: 1 1/2" = 1'-0"

SECTION (EV) Scale: 1 1/2" = 1'-0"

SECTION (EW) Scale: 1 1/2" = 1'-0"

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SECTION (GC) Scale: 1 1/2" = 1'-0"

SECTION (GD) Scale: 1 1/2" = 1'-0"

SECTION (GE) Scale: 1 1/2" = 1'-0"

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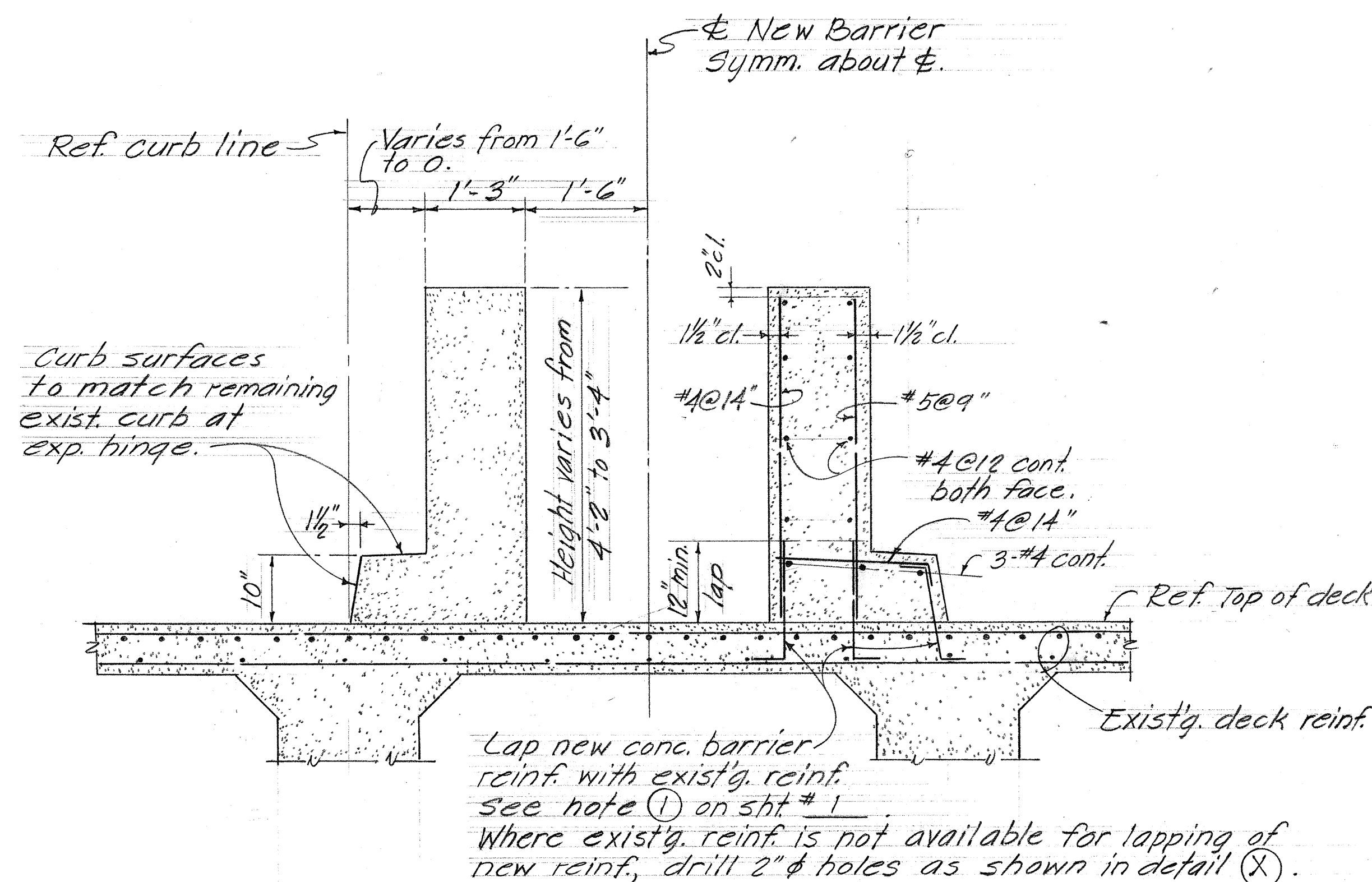
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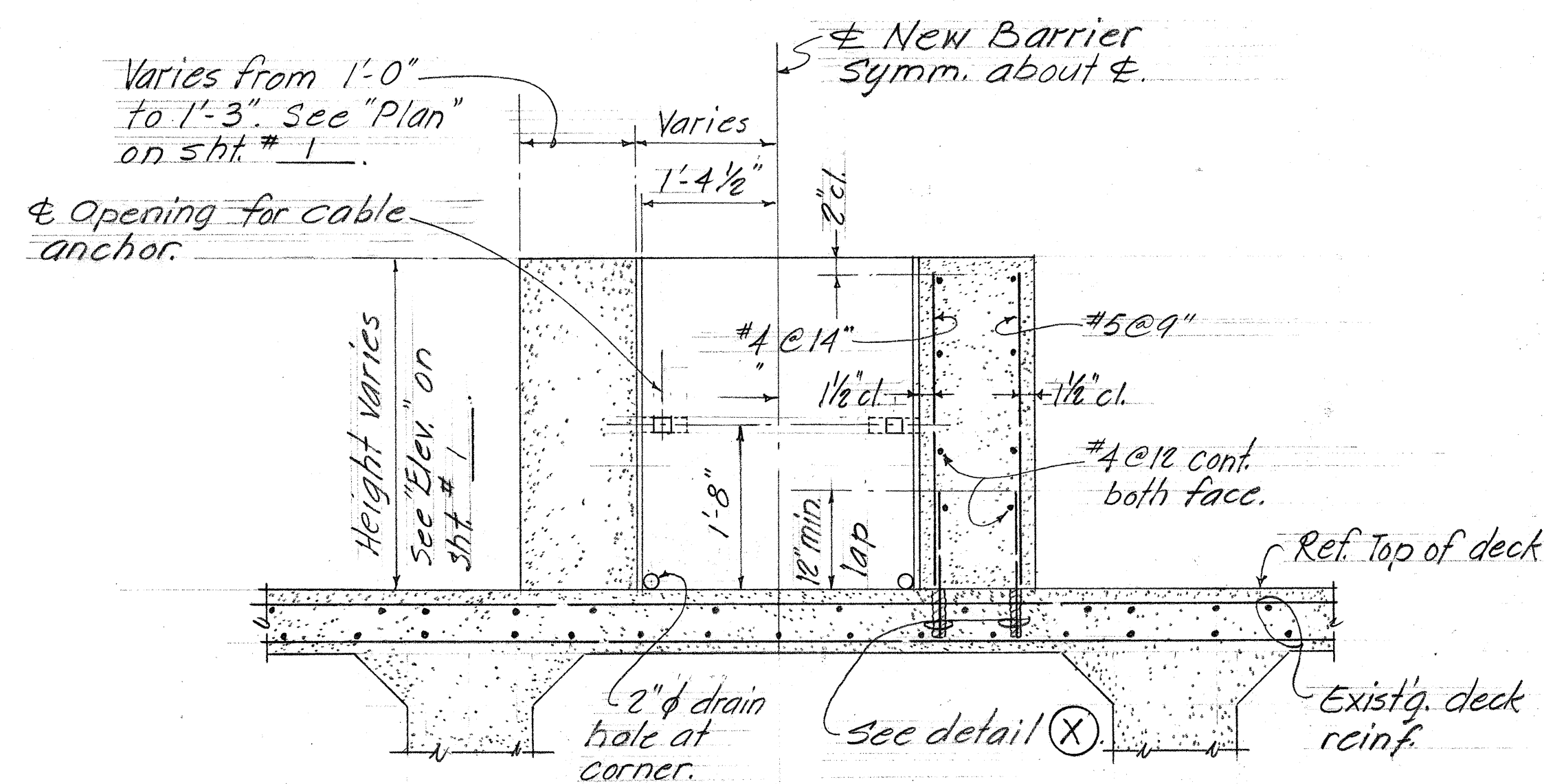
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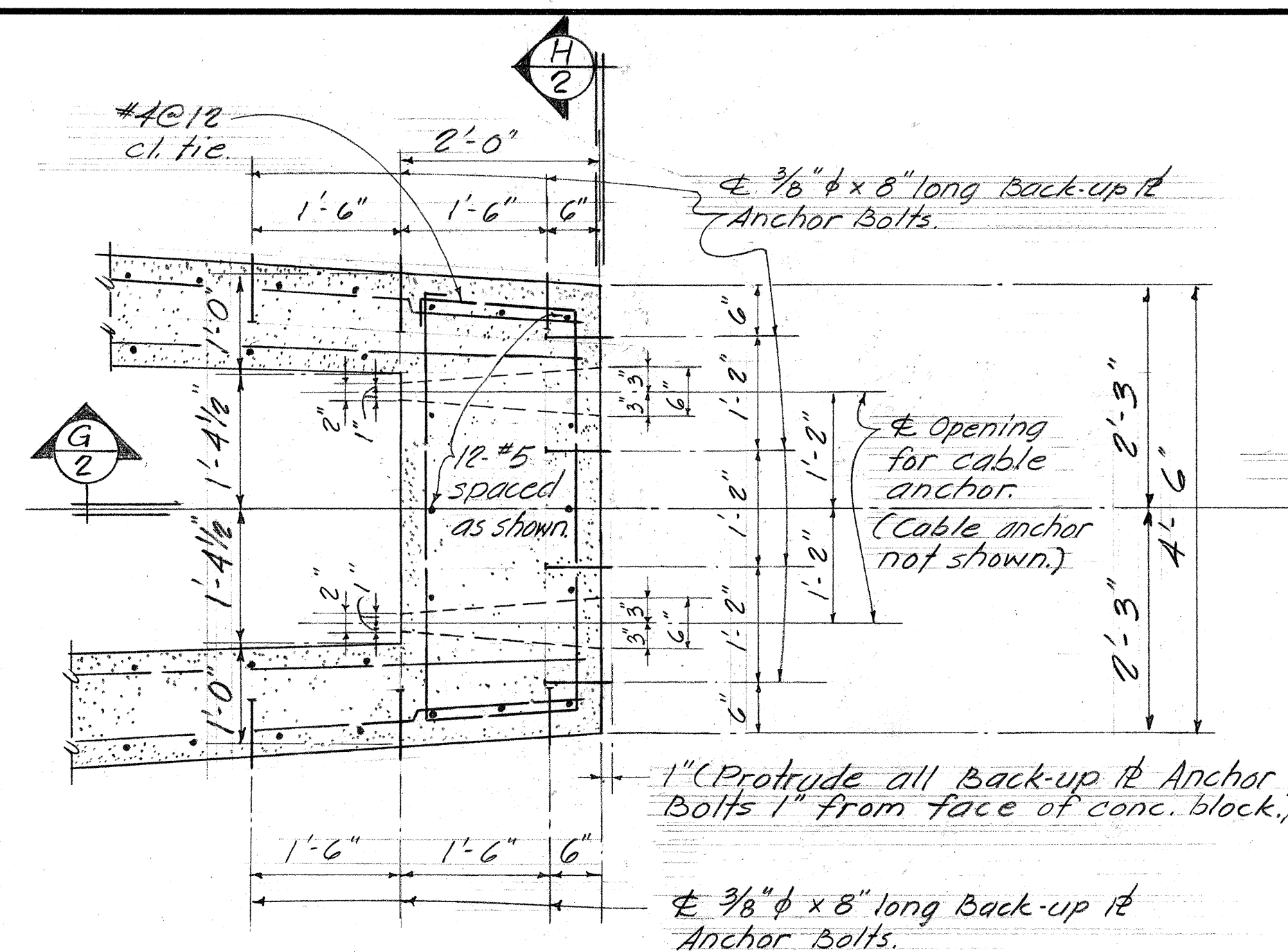
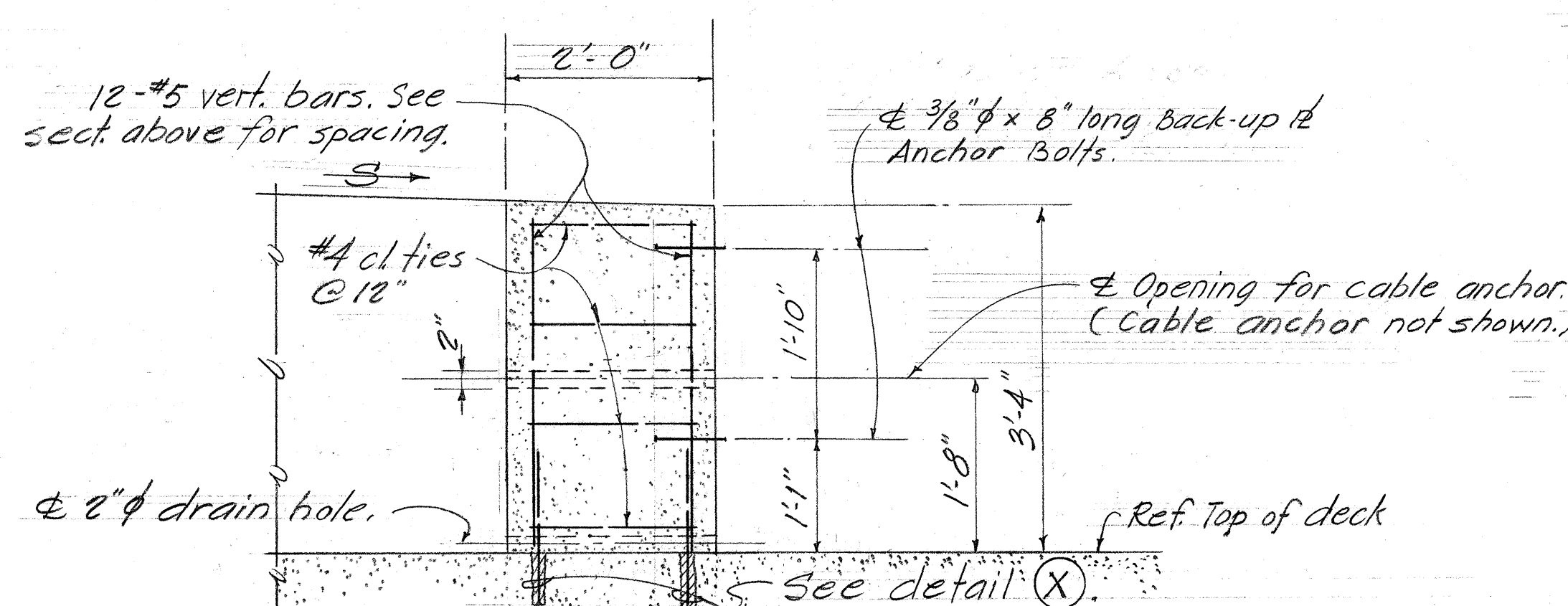
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	I-HI-1(5):24 UNIT 3	1969	1585	152



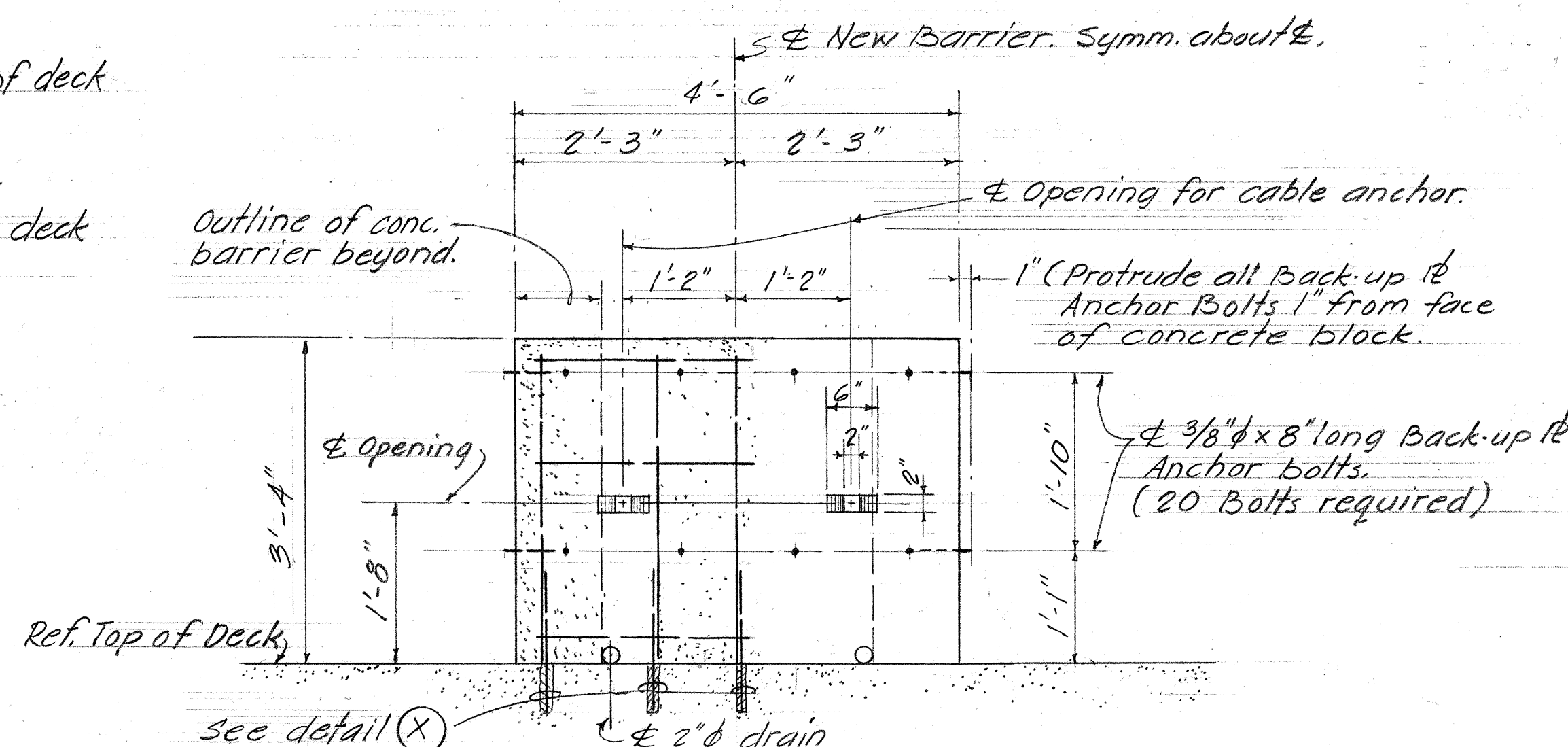
SECTION 
Scale: $\frac{3}{4}" = 1' - 0"$



SECTION 
scale: $\frac{3}{4}'' = 1'-0''$

SECTION $\frac{F}{2}$ 

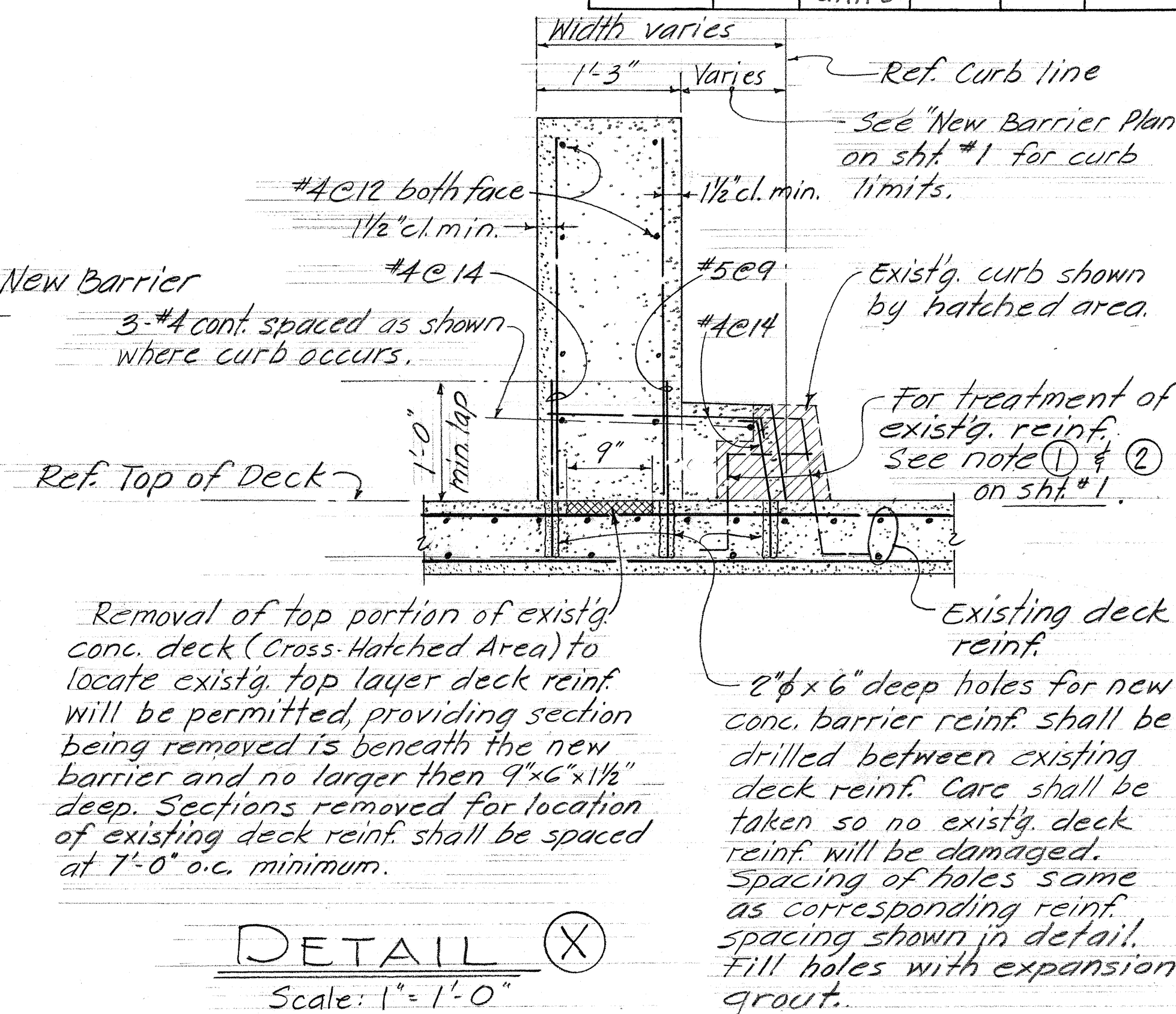
SECTION - $\textcircled{\frac{G}{2}}$



SECTION $\frac{H}{2}$

CONC. BACK-UP BLOCK DETAILS

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



Removal of top portion of exist'g conc. deck (Cross-Hatched Area) to locate exist'g top layer deck reinf. will be permitted, providing section being removed is beneath the new barrier and no larger than 9"x6"x1 1/2" deep. Sections removed for location of existing deck reinf. shall be spaced at 7'-0" o.c. minimum.

2"ø x 6" deep holes for new conc. barrier reinf. shall be drilled between existing deck reinf. Care shall be taken so no existg. deck reinf. will be damaged. Spacing of holes same as corresponding reinf. spacing shown in detail. Fill holes with expansion grout.

THIS SHEET INCORPORATED
INTO FILE TRACINGS,
FEBRUARY 10, 1981.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NEW CONCRETE BARRIER & BACK-UP ASSEMBLY DETAILS

INTERSTATE HIGHWAY (LUNALILO FREEWAY)
F.A.I. PROJECT № I-HI-1(5):24 UNIT 3
Scale: As shown DATE: MARCH, 1969

SHEET No. 2 OF 2 SHEETS