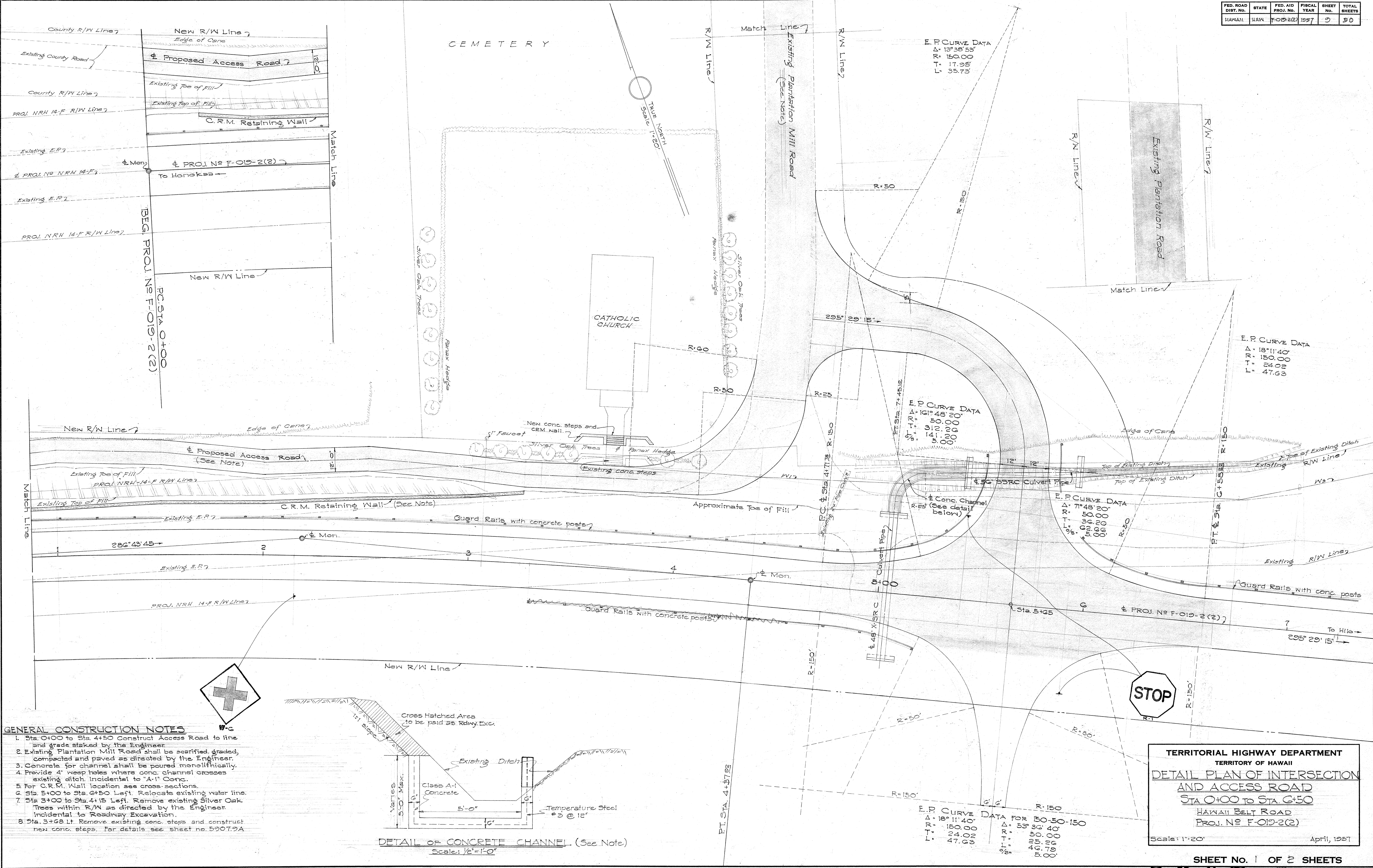
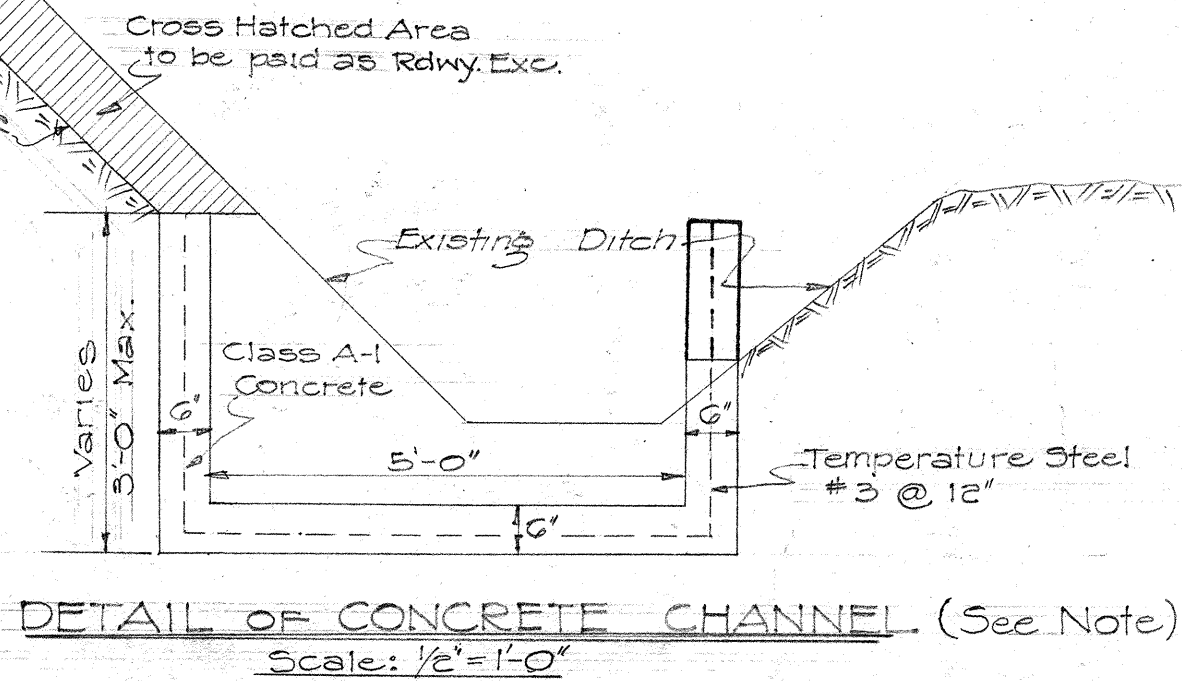


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	F-019-2(2)	1957	2	50

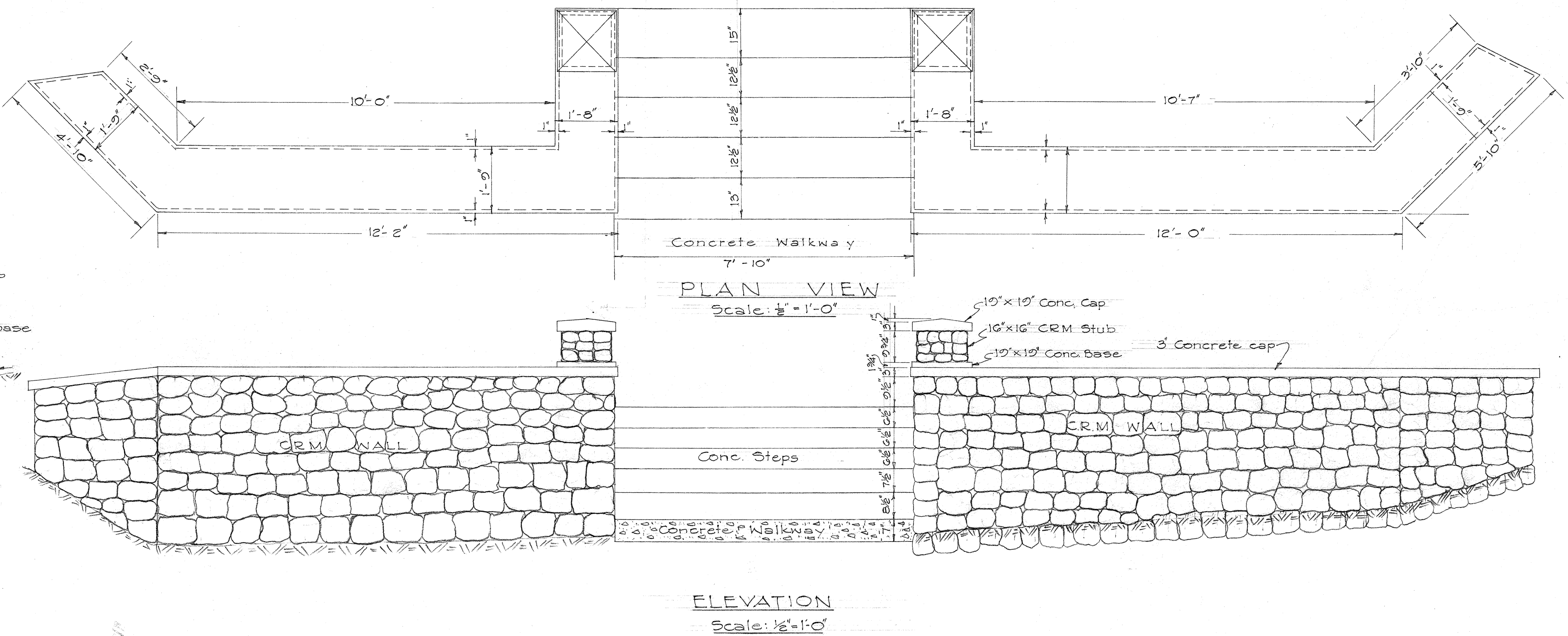
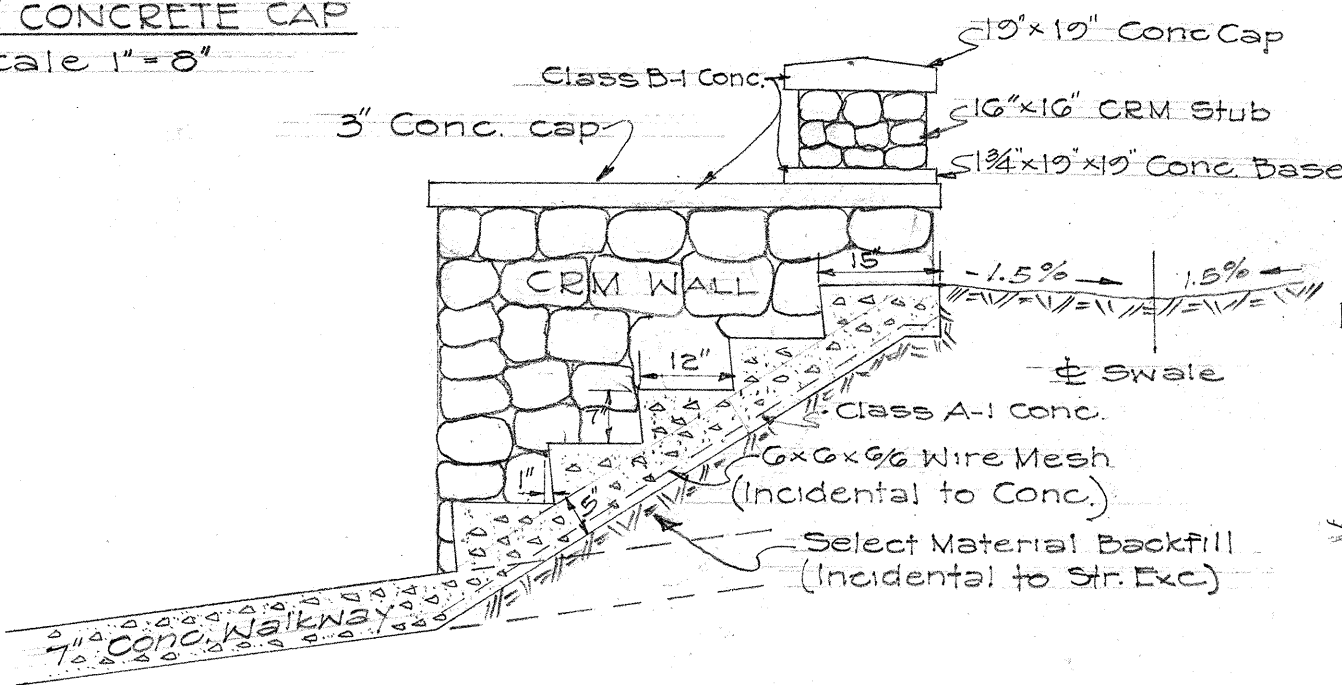
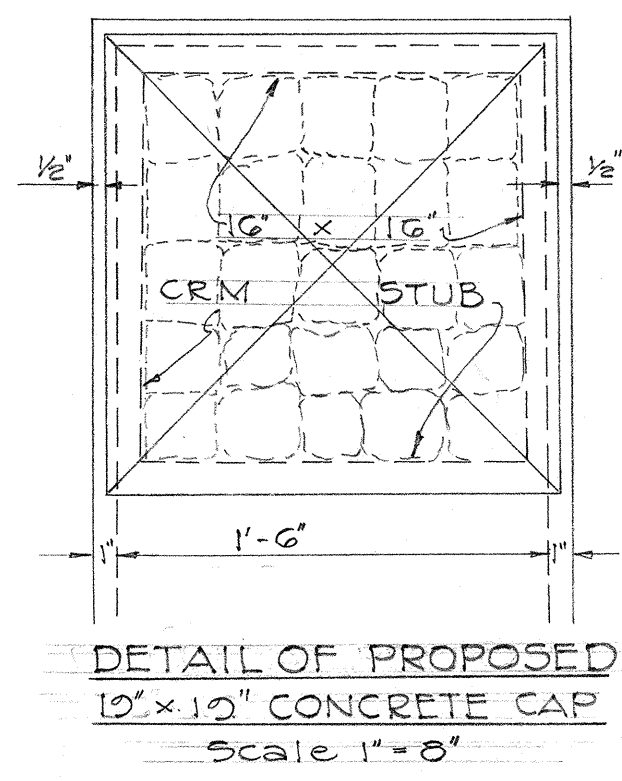


SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN NO.	
NOTE BOOK NO.	

- GENERAL CONSTRUCTION NOTES**
- Sta. 0+00 to Sta. 4+50 Construct Access Road to line and grade staked by the Engineer.
 - Existing Plantation Mill Road shall be scarified, graded, compacted and paved as directed by the Engineer.
 - Concrete for channel shall be poured monolithically.
 - Provide 4" weep holes where conc. channel crosses existing ditch. Incidental to "A-1" Conc.
 - For C.R.M. Wall location see cross-sections.
 - Sta. 5+00 to Sta. 6+50 Left. Relocate existing water line.
 - Sta. 3+00 to Sta. 4+15 Left. Remove existing Silver Oak Trees within R/W as directed by the Engineer. Incidental to Roadway Excavation.
 - Sta. 3+68 Lt. Remove existing conc. steps and construct new conc. steps. For details see sheet no. 5907.9A



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAIL PLAN OF INTERSECTION
AND ACCESS ROAD
Sta 0+00 to Sta. 6+50
HAWAII BELT ROAD
PROJ. NO F-019-2(2)
 Scale: 1"=20' April, 1957

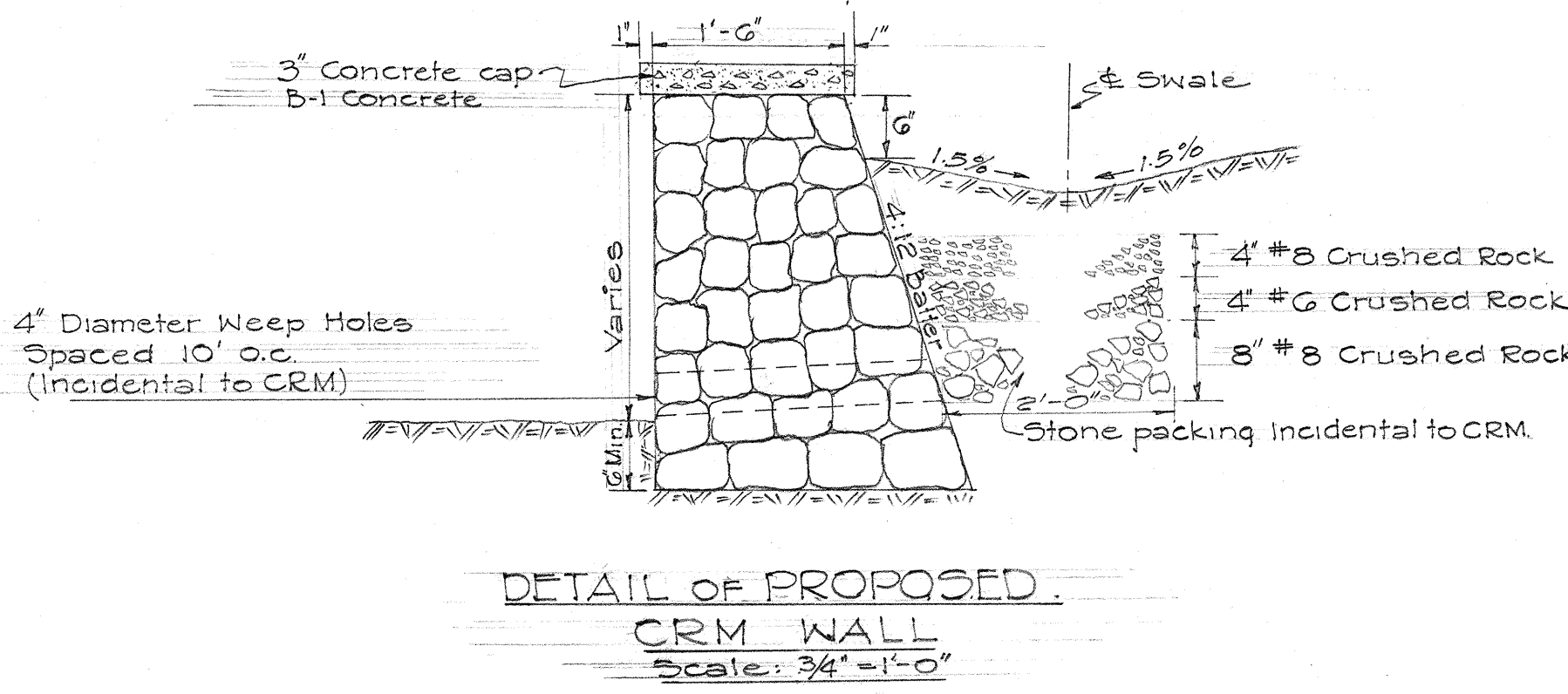
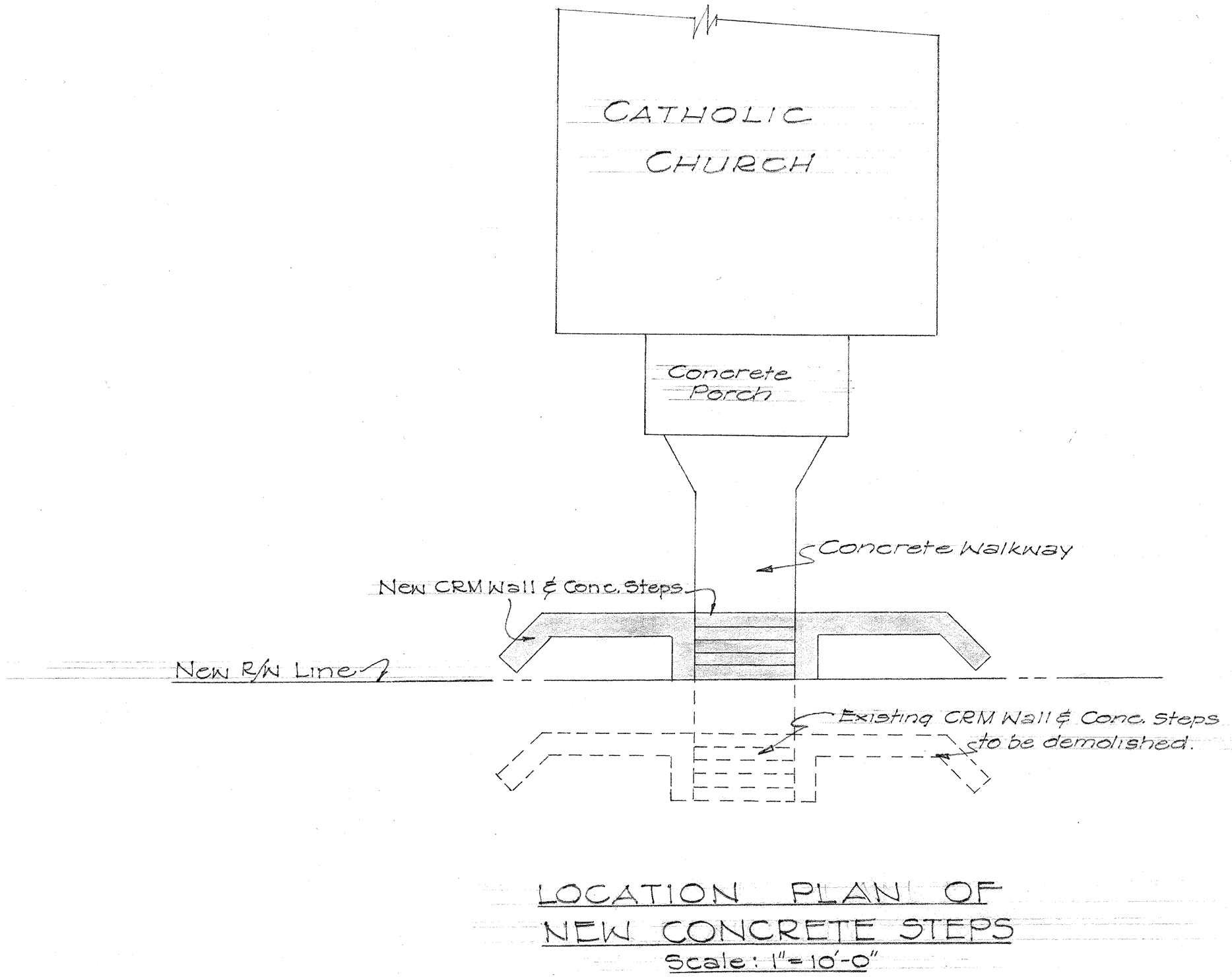


PLAN OF EXISTING
CRM WALL & CONCRETE STEPS

- GENERAL NOTES
1. Number of steps and length of wall shall be determined in the field by the Engineer.
 2. Steps and wall shall be constructed as shown in detail and shall conform to the existing structure where details are not shown.
 3. Backfill under the new concrete steps shall be selected material from roadway excavation laid in layers of 3" compacted thickness.
 4. Demolishing and removal of existing structure shall be incidental to structure excavation.
 5. CRM wall along steps shall be constructed without batter.

ESTIMATED QUANTITIES

Str. Exc.	3 cy.
A-1 Conc.	2 cy.
B-1 Conc.	1 cy.
CRM	10 cy.



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

DETAIL OF
NEW & EXISTING
CONCRETE STEPS & CRM WALL
STA. 3+68
Hawaii Belt Road Proj. No. F-019-2(2)
Scale as noted July 1987

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	F-019-2(2)	1951	11	30

GENERAL NOTES:

- Existing pavement to be abandoned shall be scarified and graded as ordered by the engineer. This work to be incidental to Roadway Excavation.
- Existing pavement affected by new grades shall be scarified, regraded and recompact all incidental to Rdwy. Exc.
- Grades shown are subject to revision in the field at the discretion of the engineer to provide for drainage.
- The central area of the uncurbed island shall be graded to provide drainage.
- Existing wood guard rails with cone posts shall be removed and relocated to new line and grade.
- Sta. 68+75.2 to Sta. 72+01.2 construct additional 12' lane. For Typical Section of additional 12' lane, see "Typical Sections" sheet No. 5907.2

Sta. 7+50 Construct smooth and easy riding connection to existing pavement.

Sta. 8+35 to 9+90 Construct CRM retaining wall along R/W Line.

Existing Connection Curve Data
Δ = 25°00'30"
R = 600.00'
T = 133.06'
L = 261.89'
S = 0.10'/ft

Curve Data
Δ = 25°00'30"
R = 312.00'
T = 69.19'
L = 136.18'

E.P. Curve Data
Δ = 23°23'23"
R = 120.00'
T = 23.02'
L = 43.34'

E.P. Curve Data
Δ = 107°52'43.5"
R = 30.00'
T = 41.20'
L = 56.48'
S = 7.50'

E.P. Curve Data
Δ = 30°10'40"
R = 50.00'
T = 17.79'
L = 34.19'

E.P. Curve Data
Δ = 100°13'55"
R = 30.00'
T = 52.48'
L = 7.50'

DETAIL OF RETAINING WALL
Scale: 3/4" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

INTERSECTION DETAILS

STA. 67+75

HAWAII BELT ROAD

Proj. No. F-019-2(2)

Scale: 1" = 20'

April 1951