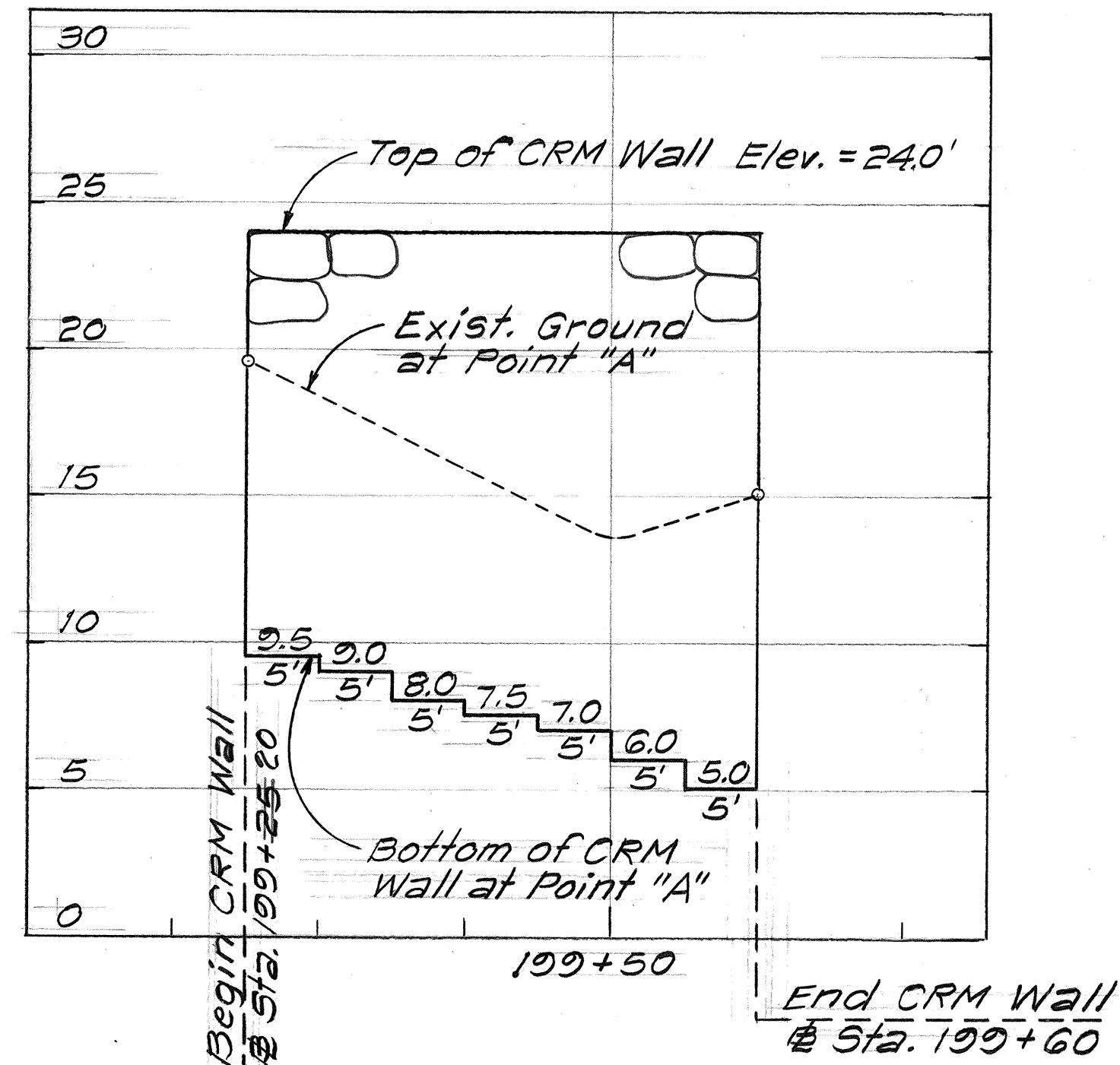
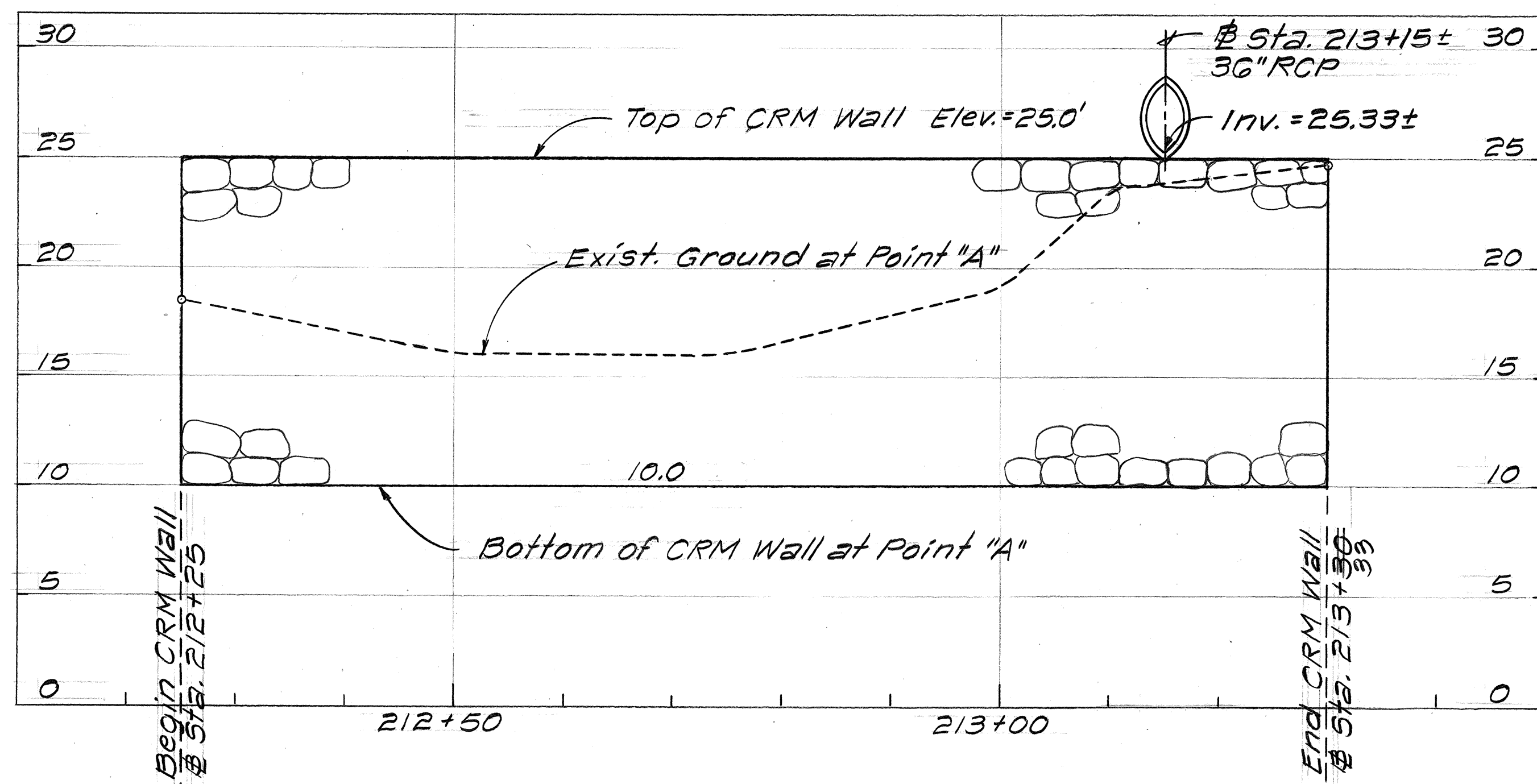


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-10(1)	1984	7	27



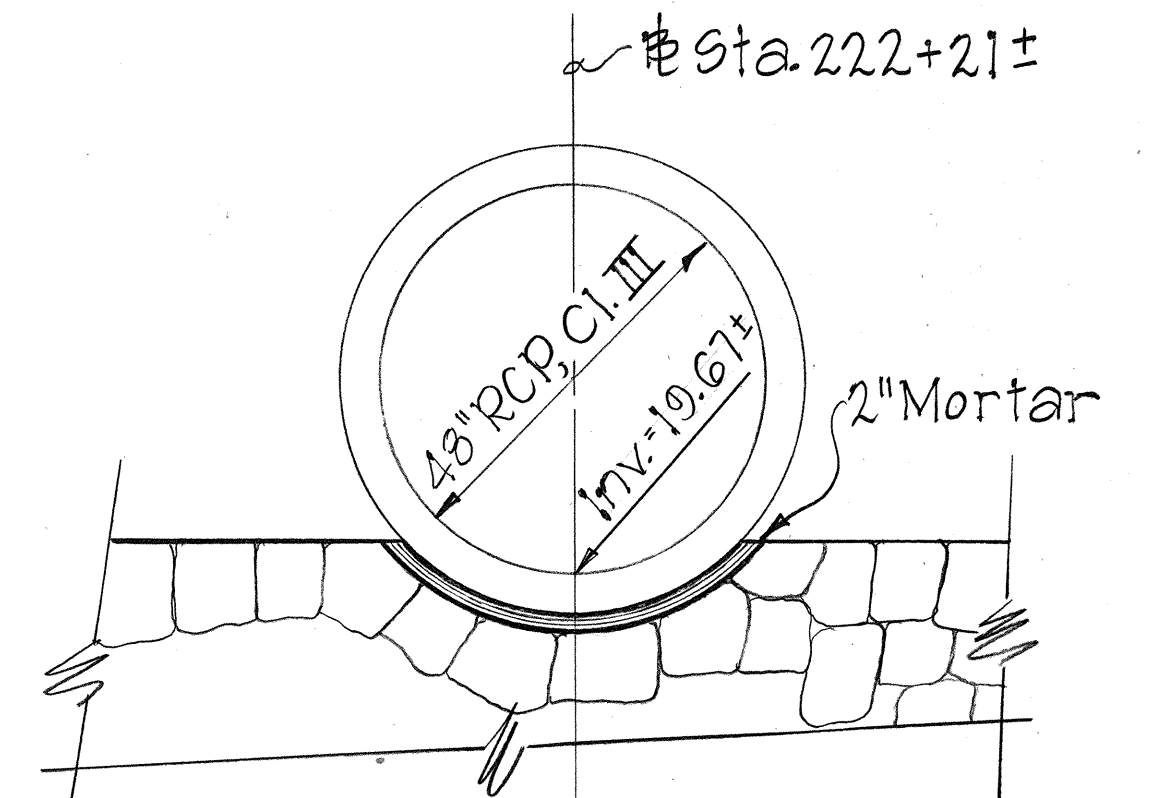
CRM RETAINING WALL "A"

Scale: Hor. 1"=10'
Vert. 1"=5'

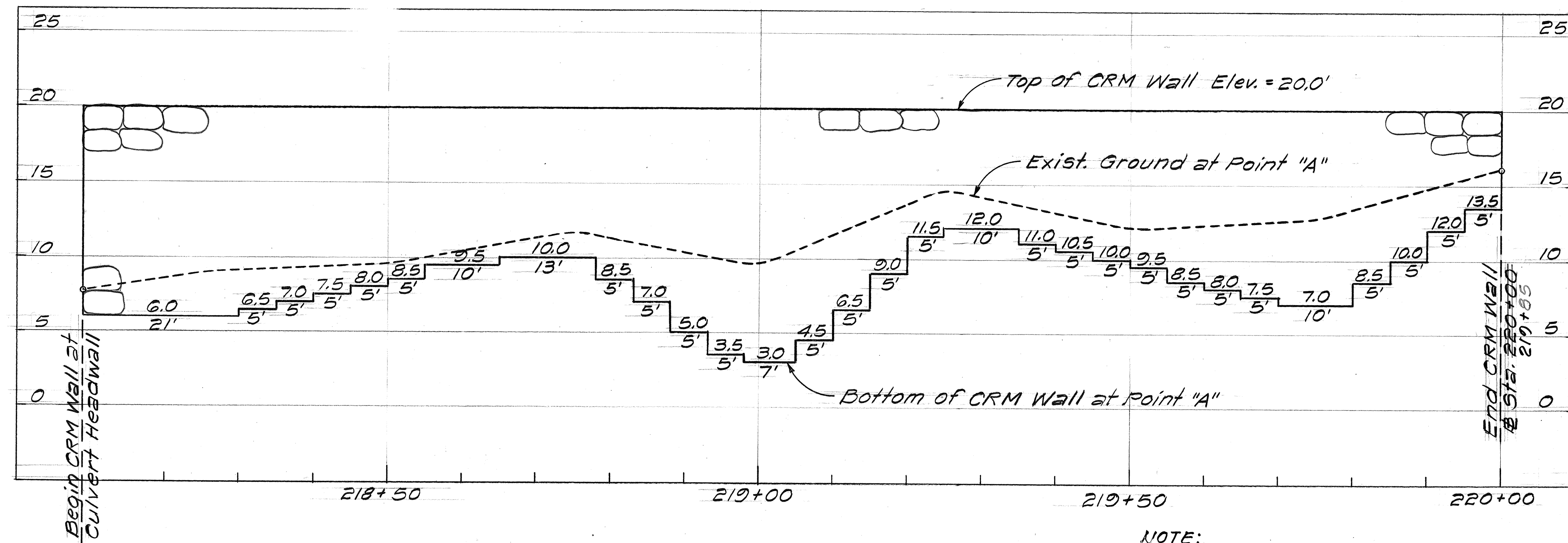


CRM RETAINING WALL "B"

Scale: Hor. 1"=10'
Vert. 1"=5'

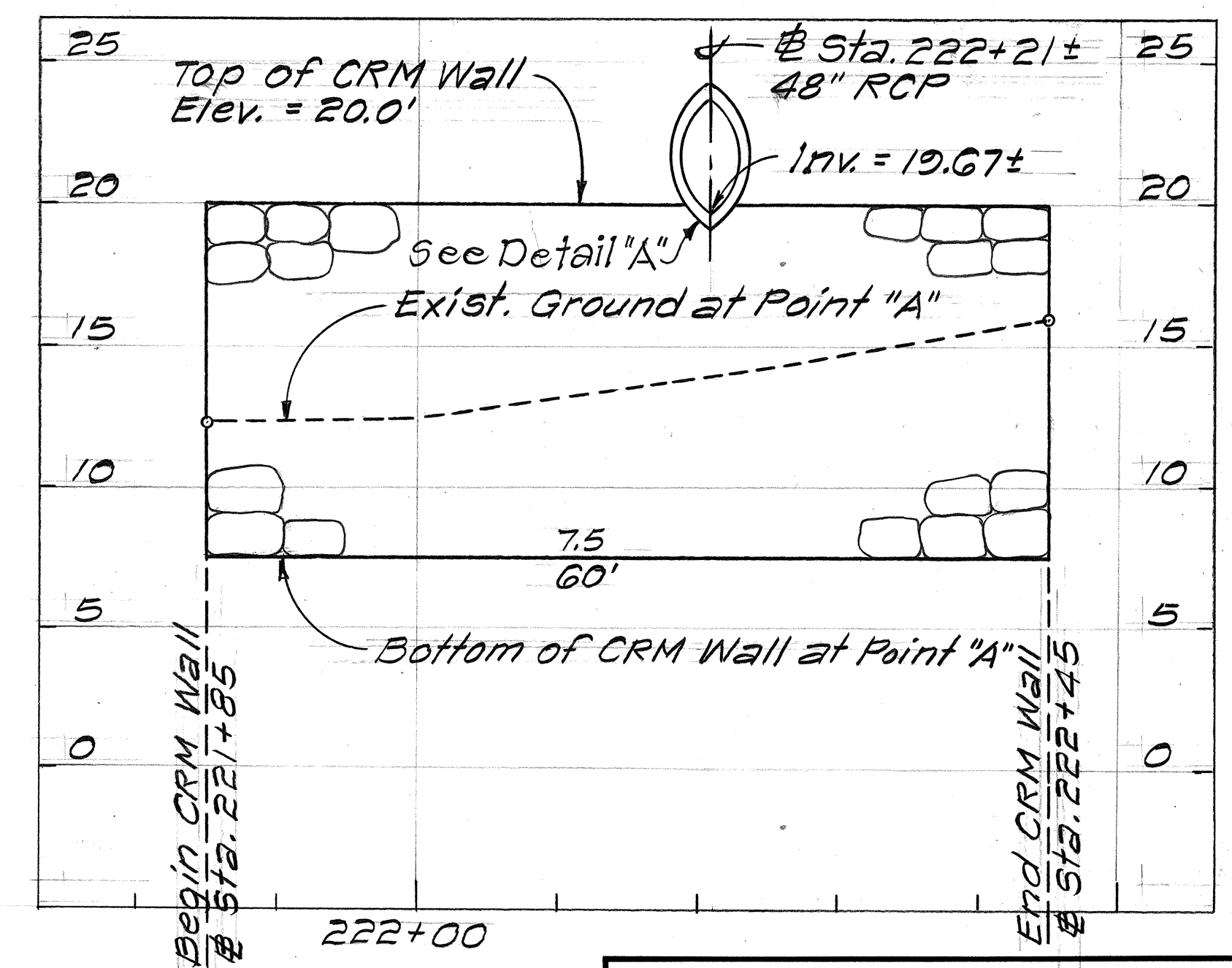


DETAIL "A"
Scale: 1/2"=1'-0"



CRM RETAINING WALL "C"

Scale: Hor. 1"=10'
Vert. 1"=5'



CRM RETAINING WALL "D"

Scale: Hor. 1"=10'
Vert. 1"=5'

LEGEND

8.0' Elevation of Bench
10' Length of Bench (Min. 5'-0")

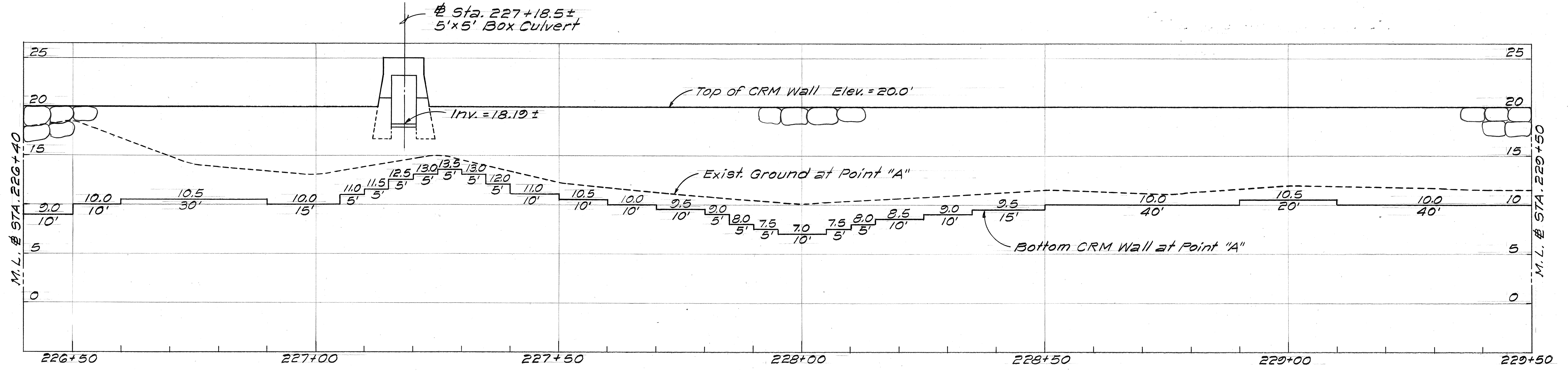
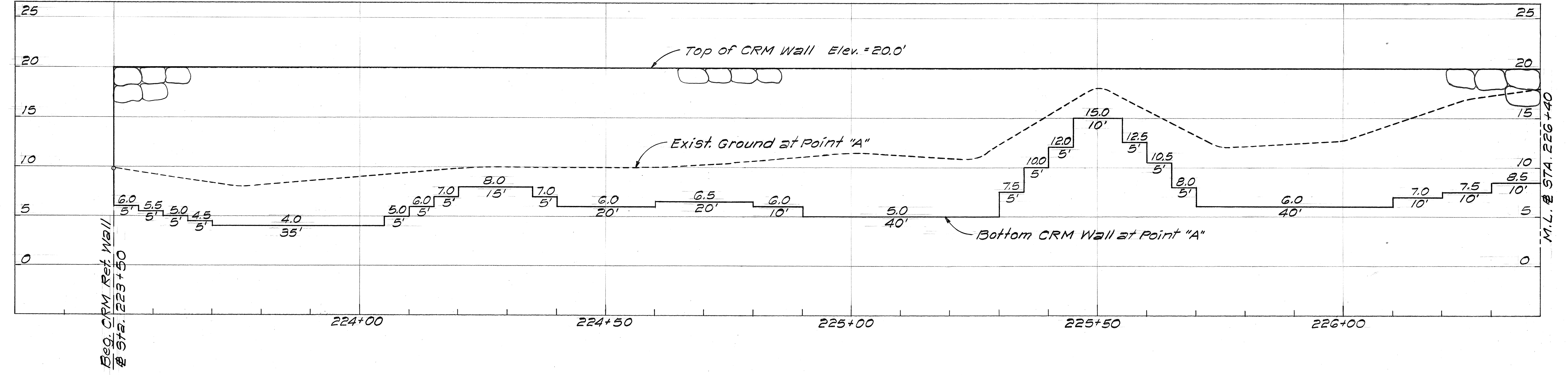
NOTE:
For "As-Built" elevations at bottom of CRM Wall at Point "A", see Cross Sections.

- NOTES:
- For location of Point "A" See Typical Sections, Plan Sht. No. 2.
 - For Estimated Quantities See Plan Sht. No. 9.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE
CRM RETAINING WALLS
FARRINGTON HIGHWAY
EMERGENCY REPAIRS, MAKUA SECTION
F.A. PROJ. NO. ER-10(1)
Scale: As Shown Date: Dec., 1983
SHEET NO. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-10(1)	1984	8	27



- NOTES:**
1. For location of Point "A" See Typical Sections, Plan Sht. No. 2.
 2. For Estimated Quantities See Plan Sht. No. 9.

CRM RETAINING WALL "E"

Scale: Hor. 1"=10'
Vert. 1"=5'

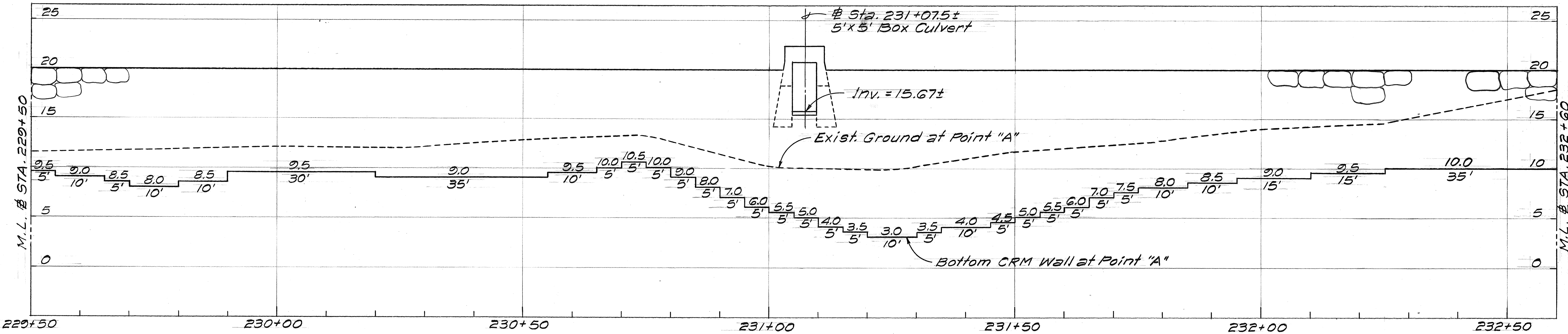
NOTE:
For "As-Built" elevations at bottom of CRM Wall at Point "A," see Cross Sections.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE
CRM RETAINING WALLS

FARRINGTON HIGHWAY
EMERGENCY REPAIRS, MAKUA SECTION
F.A. PROJ. NO. ER-10(1)
Scale: As Shown Date: Dec, 1983
SHEET NO. 2 OF 3 SHEETS

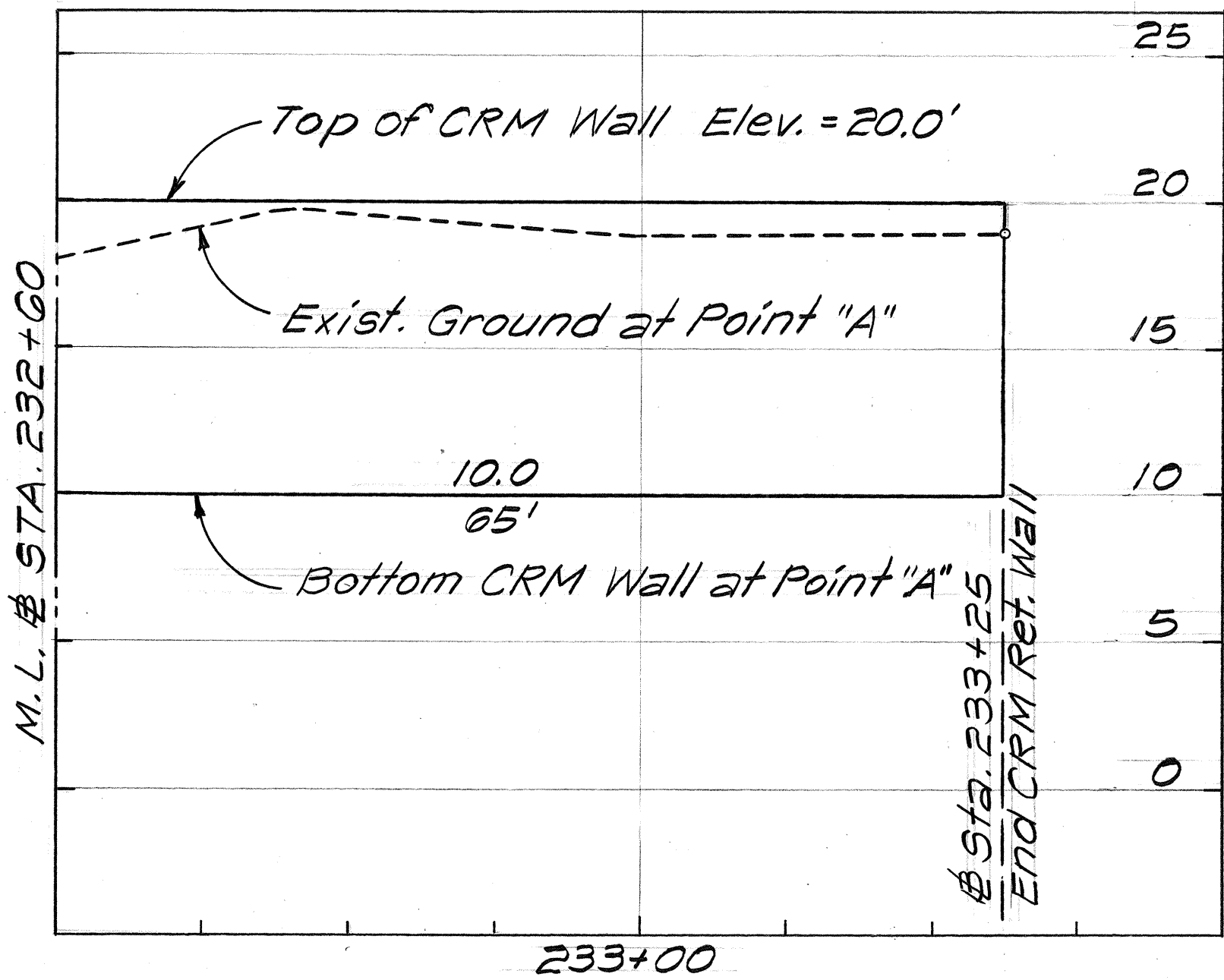
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-10(1)	1984	9	27



CRM RETAINING WALL "E"

Scale: Hor. 1"=10'
Vert. 1"=5'

NOTE:
For "As-Built" elevations at bottom
of CRM Wall at Point "A," see Cross
Sections.



ESTIMATED QUANTITIES CRM RETAINING WALLS			
CRM WALL	STRUC. EXC. C.Y.	CRM C.Y.	FILTER MTL'S. C.Y.
A	200	120	3
B	515	290	5
C	405	435	7
D	220	170	3
E	2460	2285	32
TOTAL	3800	3300	50

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILE

CRM RETAINING WALLS

FARRINGTON HIGHWAY

EMERGENCY REPAIRS, MAKUA SECTION

F.A. PROJ. NO. ER-10(1)

Scale: As Shown Date: Dec, 1983

SHEET NO. 3 OF 3 SHEETS