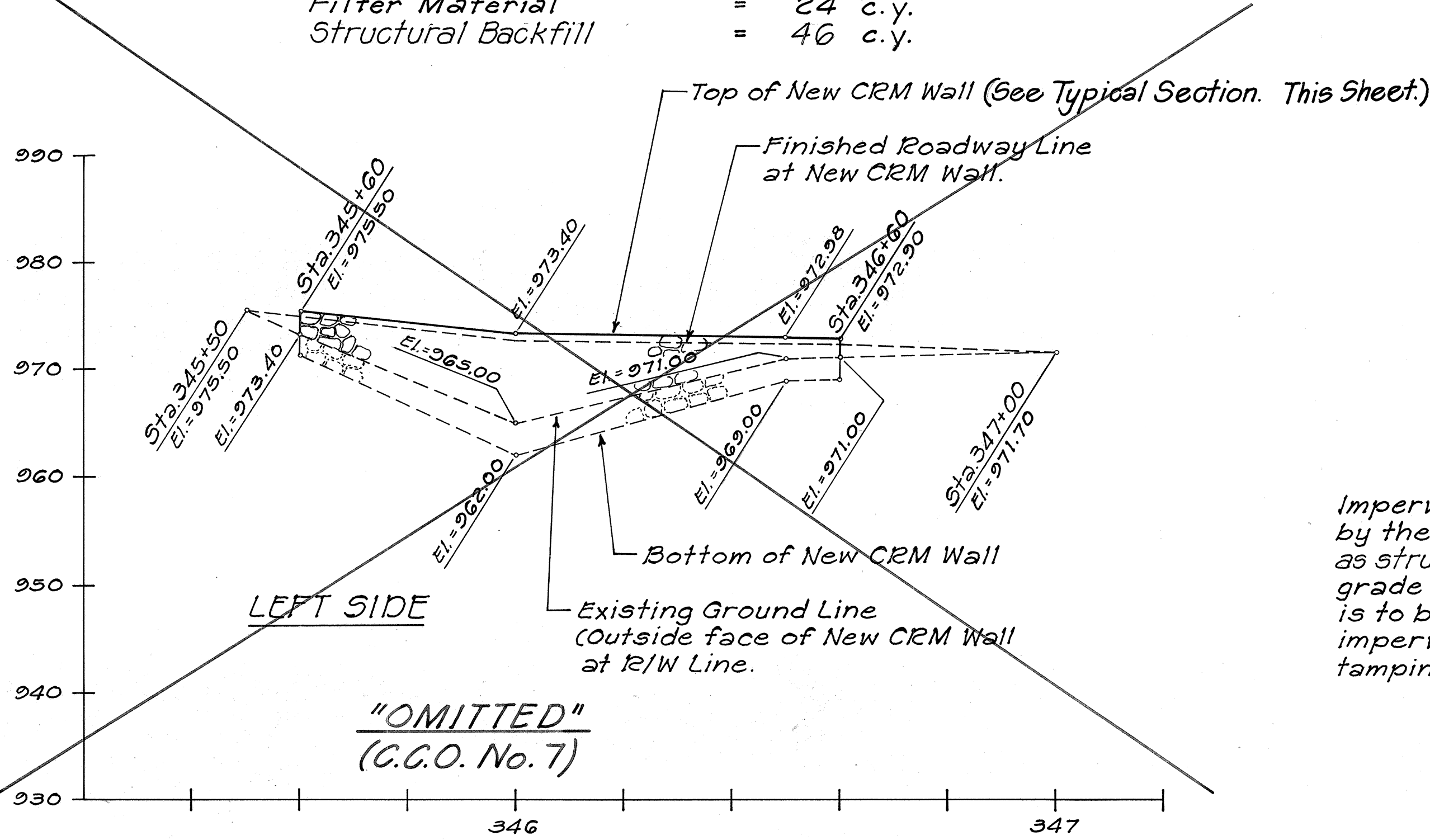


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11B-02-89	1989	7	15

ESTIMATED QUANTITIES:

Structural Excavation = 94 c.y.
Cement Rubble Masonry = 107 c.y.
Filter Material = 24 c.y.
Structural Backfill = 46 c.y.

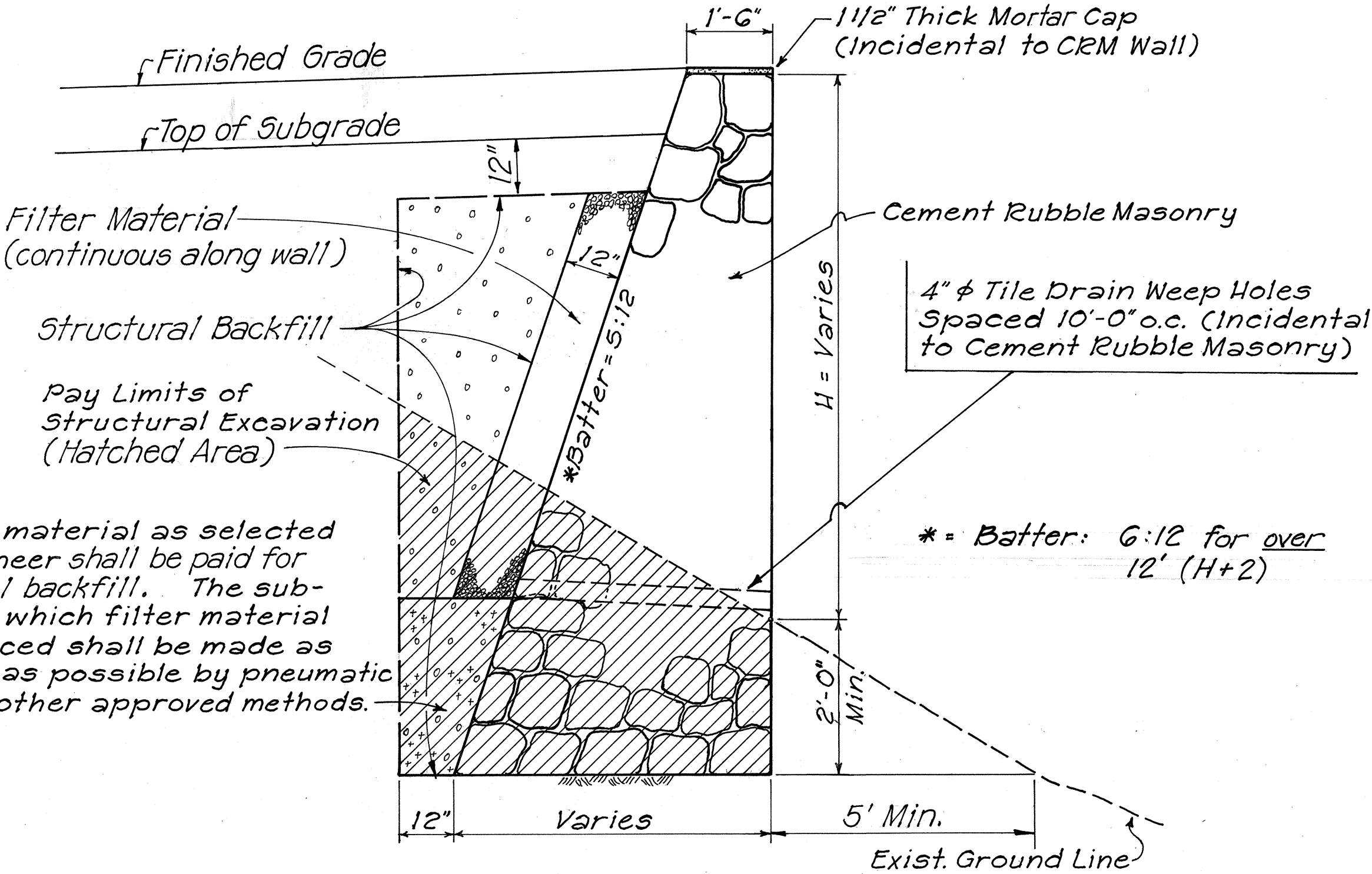


CRM WALL No. 2 ~ PROFILE

(STA. 345+60 To STA. 346+60 Lt.)

Scale: Hor. 1" = 20'

Ver. 1" = 10'



TYPICAL SECTION OF CRM WALL

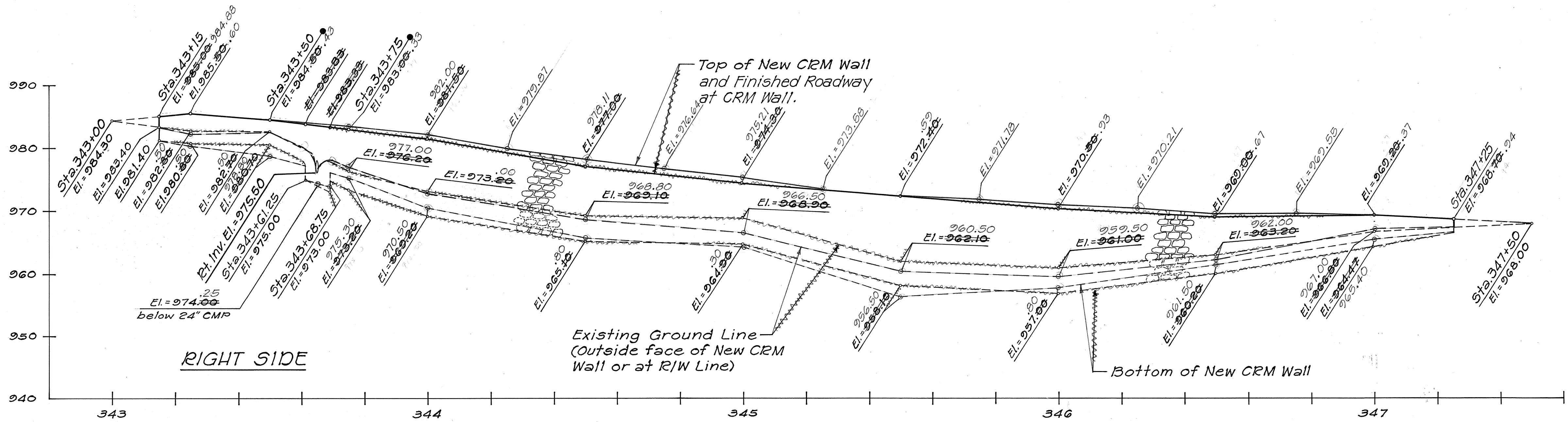
Scale: 1/2" = 1'-0"

TYPICAL SECTION

TOP OF WALL

(STA. 345+60 Lt. to STA. 346+60 Lt.)

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



CRM WALL No. 1 ~ PROFILE

(STA. 343+15 To STA. 347+25 Rt.)

Scale: Hor. 1" = 20'

Ver. 1" = 10'

ESTIMATED QUANTITIES:

Structural Excavation = 546 c.y. 541
Cement Rubble Masonry = 583 c.y. 669
Filter Material = 135 c.y. 120
Structural Backfill = 270 c.y. 360

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CRM WALL Nos. 1 & 2

HAWAII BELT ROAD
SAFETY IMPROVEMENTS
VICINITY OF CITY OF REFUGE ROAD

PROJECT NO. 11B-02-89
Scale: As Shown Date: Apr. 1989

SHEET NO. 1 OF 1 SHEETS