

GENERAL C.R.M. WALL NOTES

- ## ESTIMATED QUANTITIES

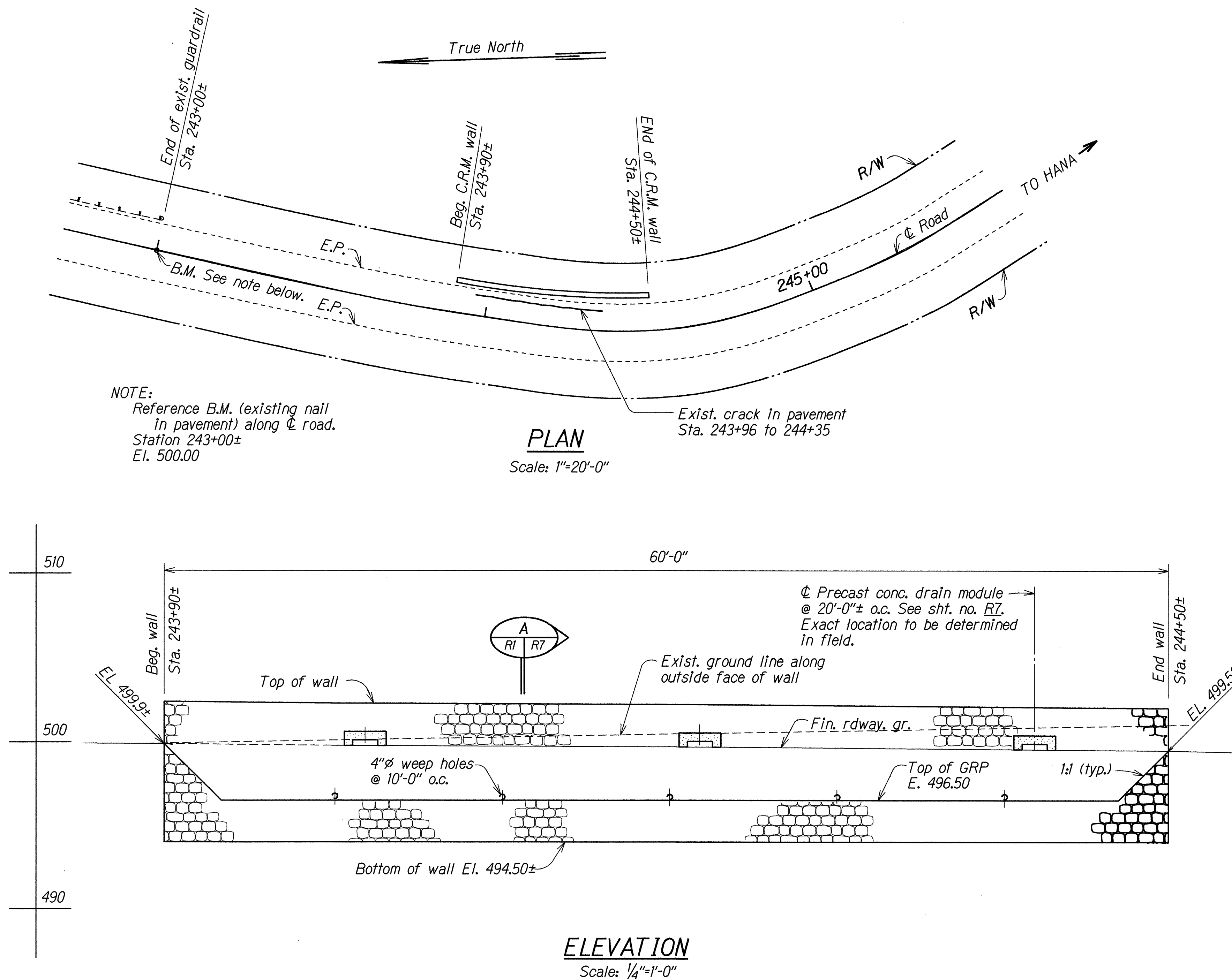
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES, ESTIMATED QUANTITIES
WALL PLAN AND ELEVATION AT M.P. 7.5?

HANA HIGHWAY STORM DAMAGE REPAIRS
HUALO TO NAHIKU
Project No. 360AB-01-92

Scale: As Noted Date: Feb, 1992

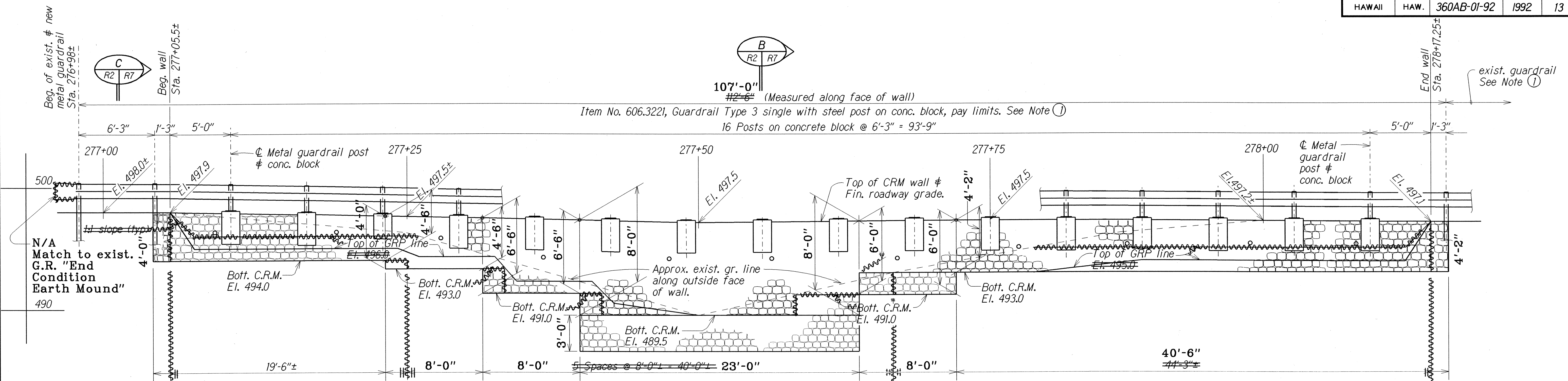
SHEET No. 11 OF 7 SHEETS



C.R.M. WALL AT M.P. 7.52

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <u>L.M.A.</u>	<u>FEB 1992</u>
DESIGN FILE	TRACED BY _____	*
	DESIGNED BY <u>T.S.</u>	<u>FEB 1992</u>
	QUANTITIES BY <u>T.S.</u>	<u>FEB 1992</u>
INC. <u>hana752</u>	CHECKED BY <u>M.S.T.</u>	<u>FEB 1992</u>

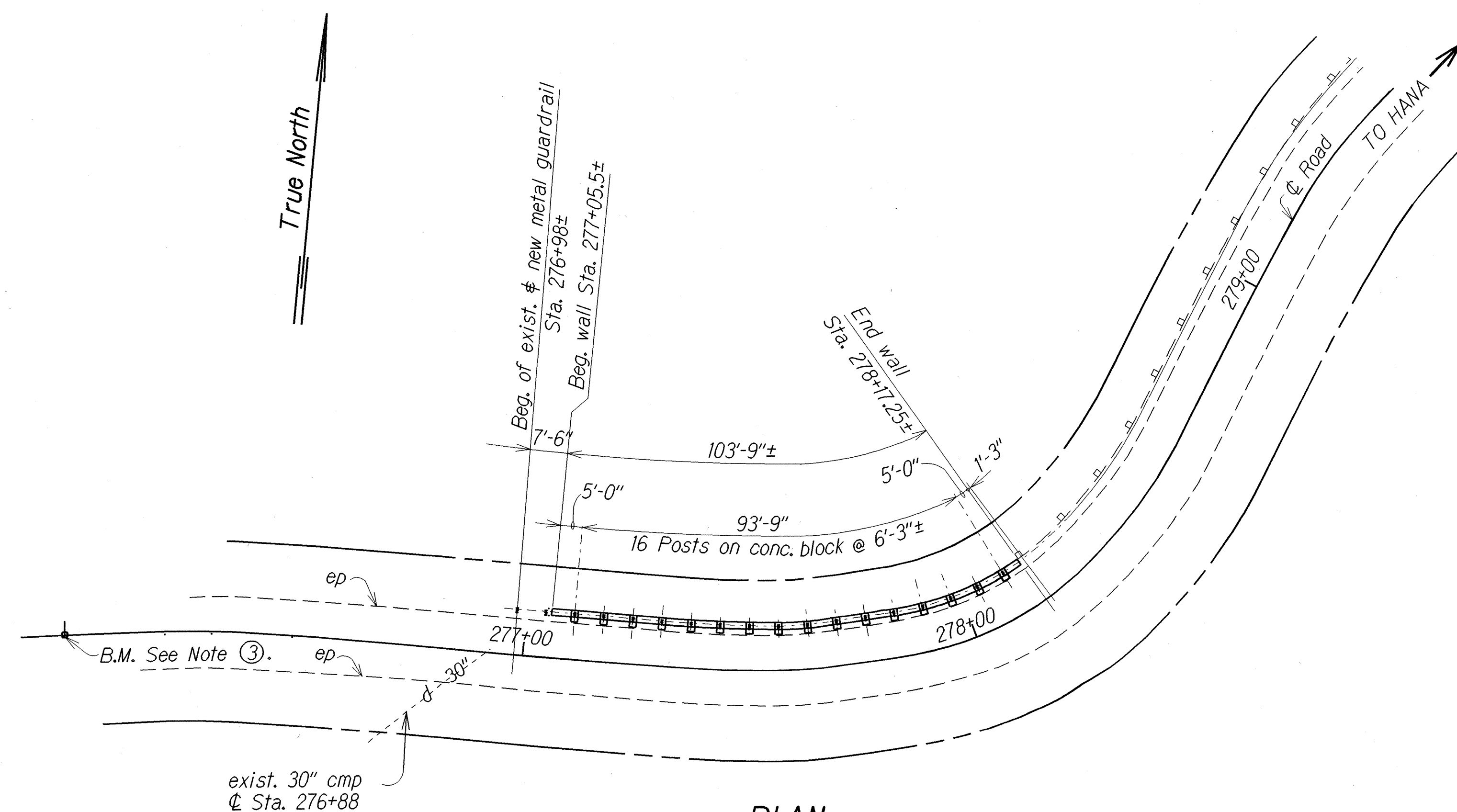
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-92	1992	13	37

ELEVATION

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

NOTE:

- ① Match new railing with existing. Any work required to provide a satisfactory connection will be determined in the field. This work shall be incidental to Item No. 606.3221, Guardrail Type 3, Single with Steel Post on Concrete Block and will not be paid for separately.
- ② Removal of existing guardrail shall be incidental to structure excavation and will not be paid for separately.
- ③ Reference B.M. (existing nail in pavement) along C road. Station $276+00\pm$, El. 500.00



PLAN

Scale: 1"=20'-0"

C.R.M. WALL AT M.P. 8.15

LEGEND FOR AS-BUILT POSTINGS

- | | |
|---|-------------------------------------|
|  | Squiggly line for as-built deletion |
| 100.00 | Double line for as-built deletion |
| Roadway | Text for as-built posting |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WALL PLAN AND ELEVATION AT M.P. 8.15

HANA HIGHWAY STORM DAMAGE REPAIRS
HUELO TO NAHIKU
Project No. 360AB-01-92

Scale: As Noted

Date: Feb, 1992

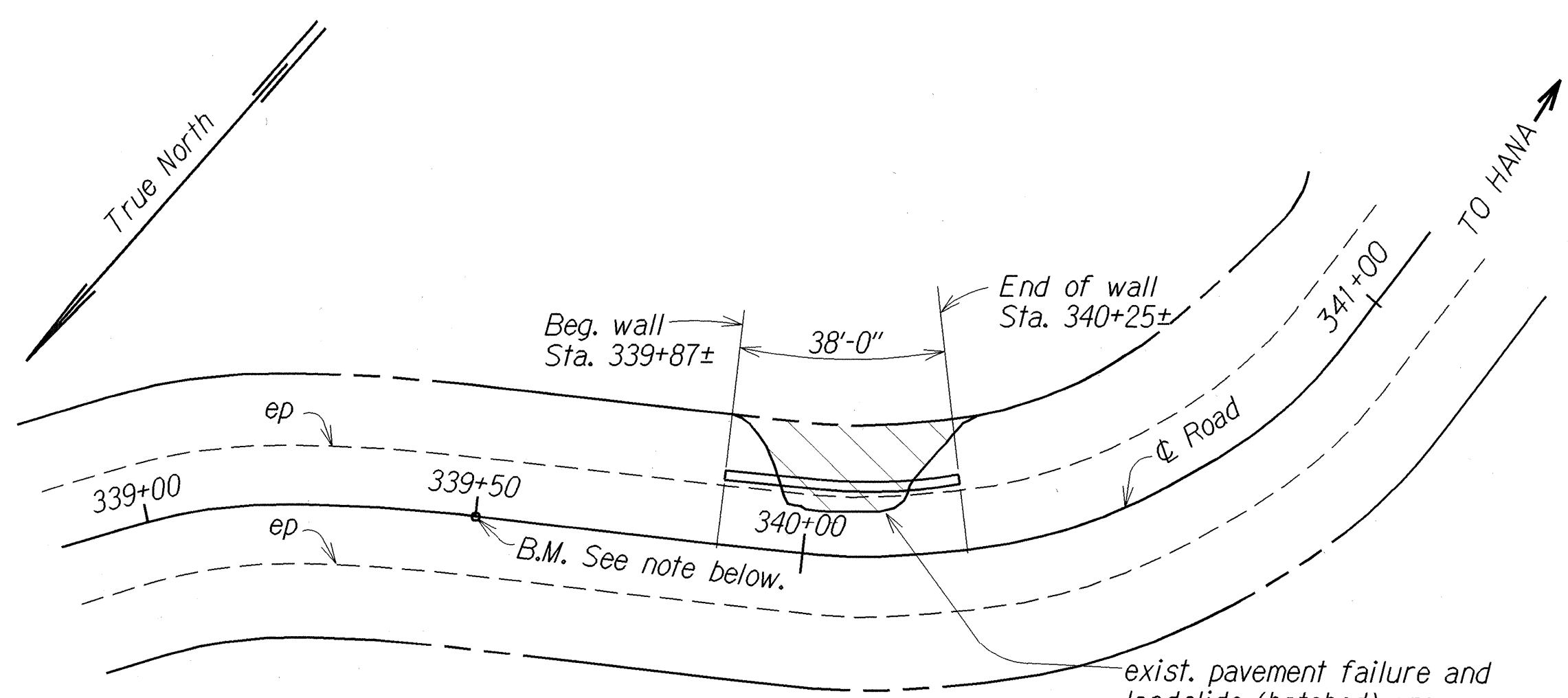
SHEET No. *R2* OF 7 SHEETS

"AS-BUILT"

13

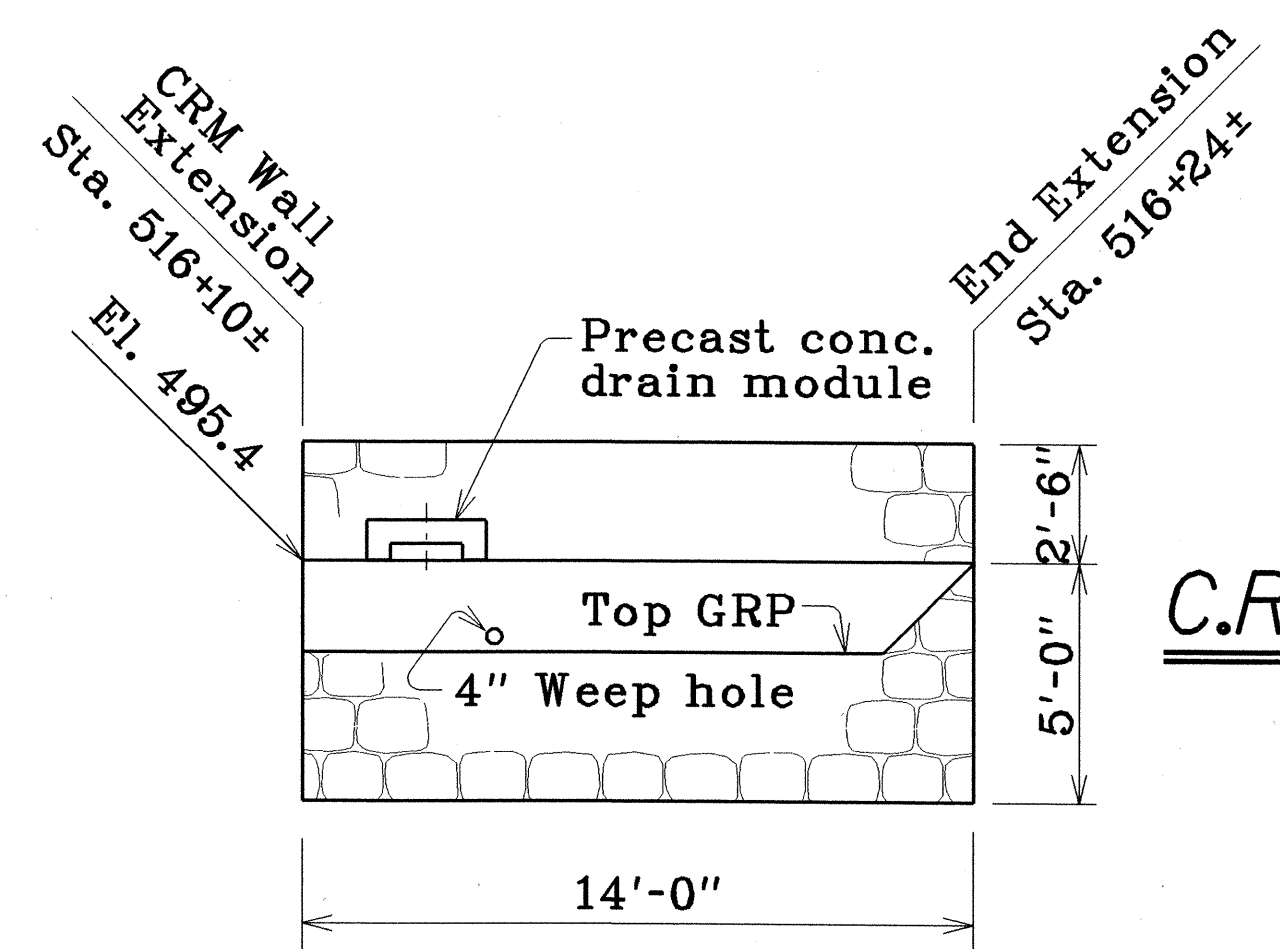
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DESIGN FILE	DRAWN BY _____	_____
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	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-92	1992	14	37

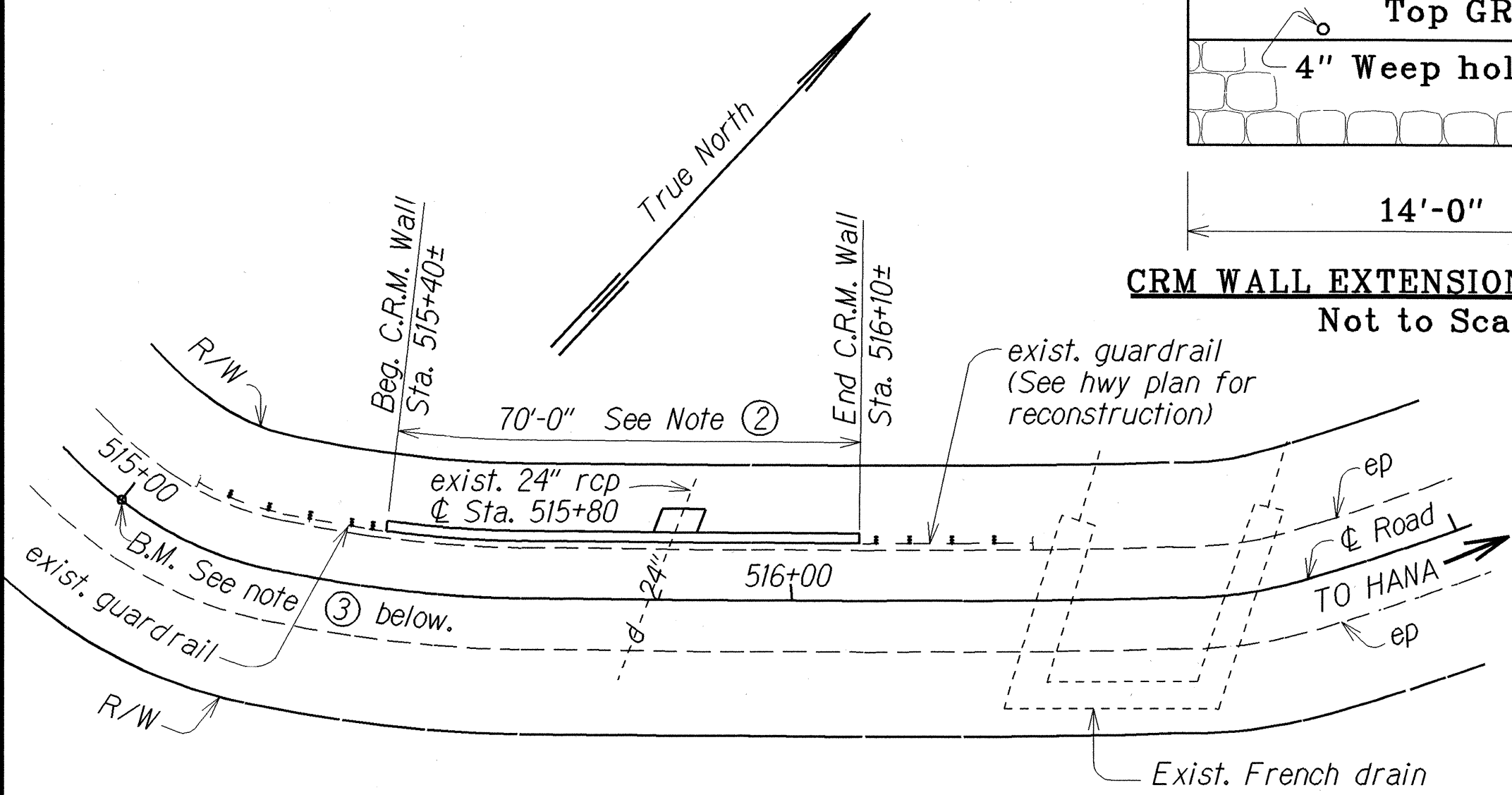


NOTE:
Reference B.M. (existing nail in pavement) along ϕ road.
Station 339+50
El. 500.00

PLAN
Scale: 1"=20'-0"

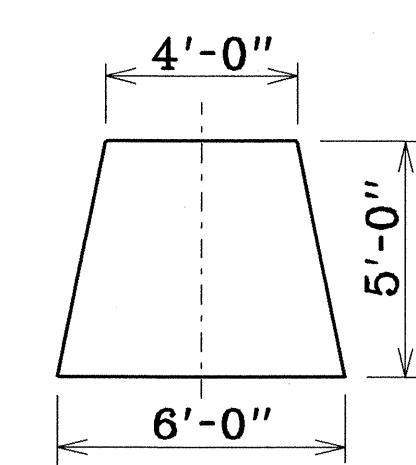


CRM WALL EXTENSION ELEVATION
Not to Scale

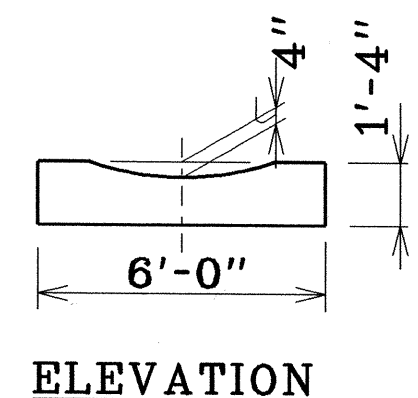


PLAN
Scale: 1"=1'-0"

- NOTE:
- Guardrail failure Sta. 515+55 to Sta. 515+75
 - Removal of existing guardrail shall be incidental to structure excavation and will not be paid for separately.
 - Reference B.M. (existing nail in pavement) along ϕ road.
Station 515+00
El. 500.00

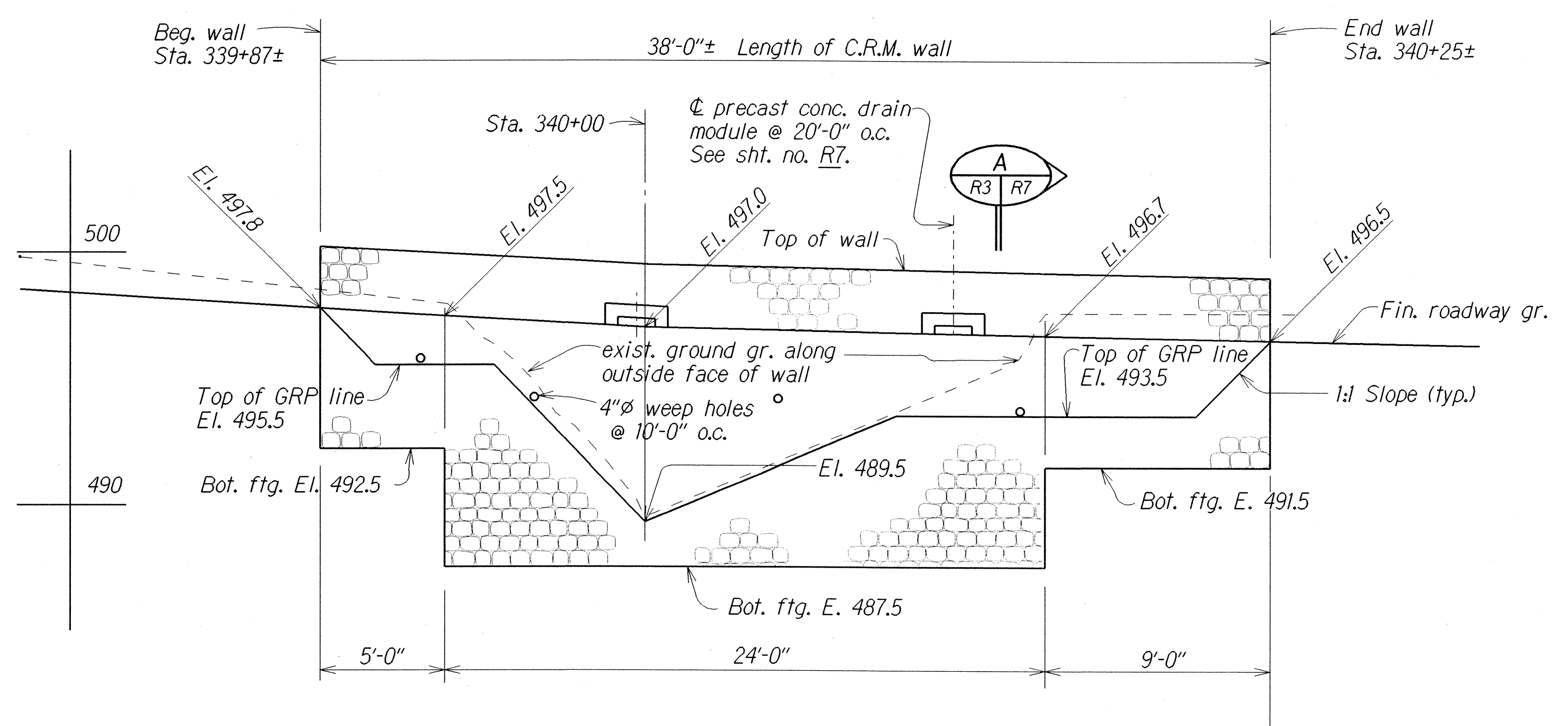


CONCRETE APRON DETAIL
Not to Scale

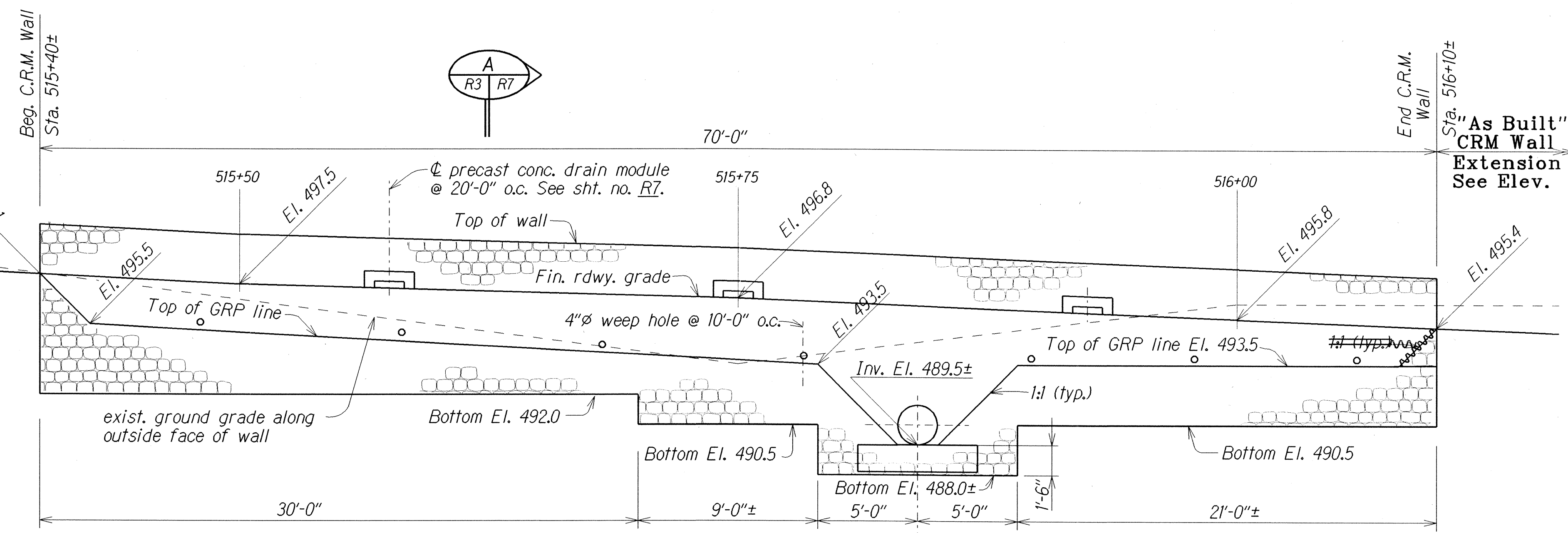


ELEVATION

C.R.M. WALL AT M.P. 9.30



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



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

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

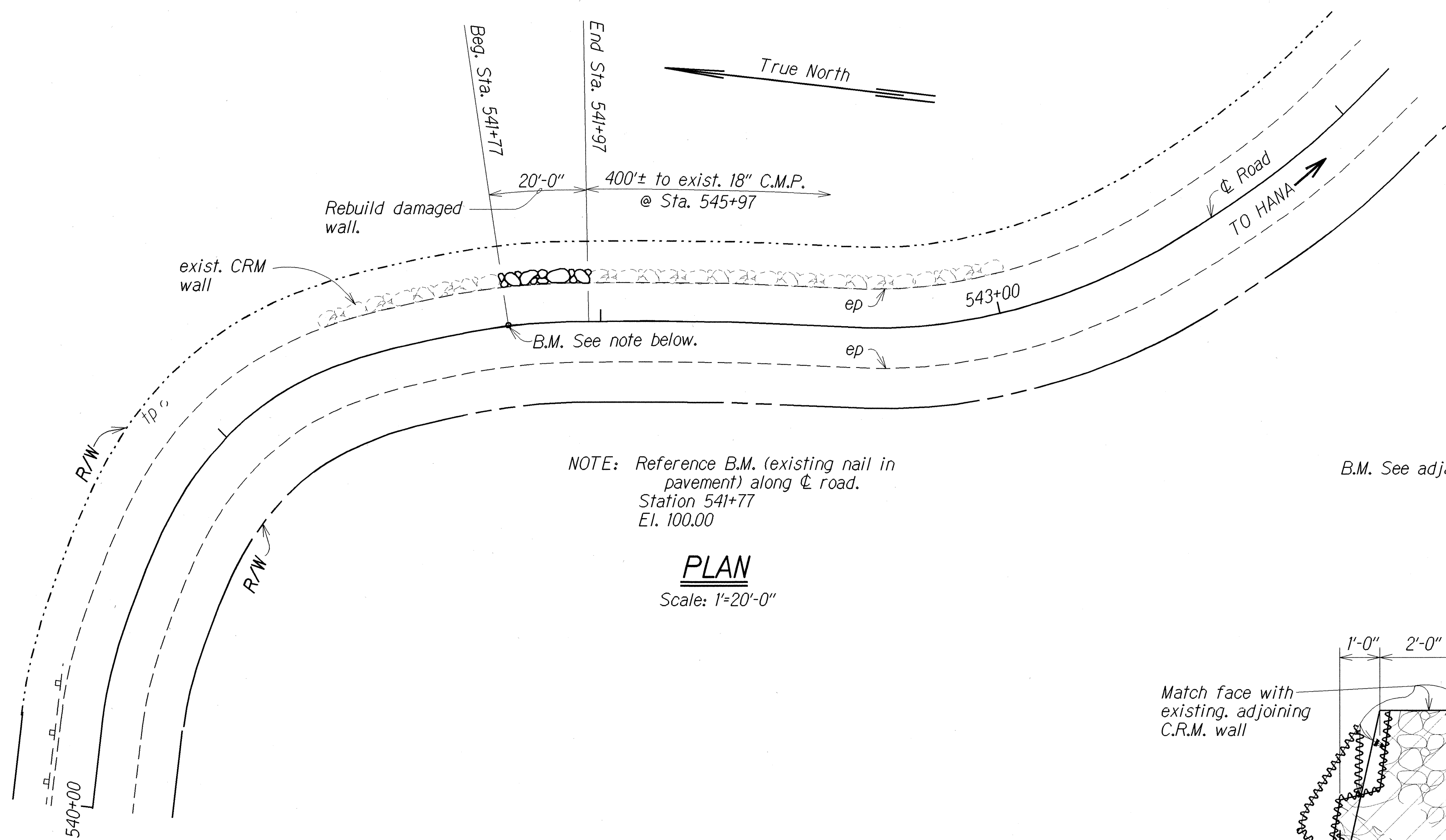
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WALL PLAN AND ELEVATION AT M.P. 9.30
WALL PLAN AND ELEVATION AT M.P. 12.66
HANA HIGHWAY STORM DAMAGE REPAIRS
HUELO TO NAHIKU
Project No. 360AB-01-92
Scale: As Noted
Date: Feb. 1992

SHEET No. R3 OF 7 SHEETS

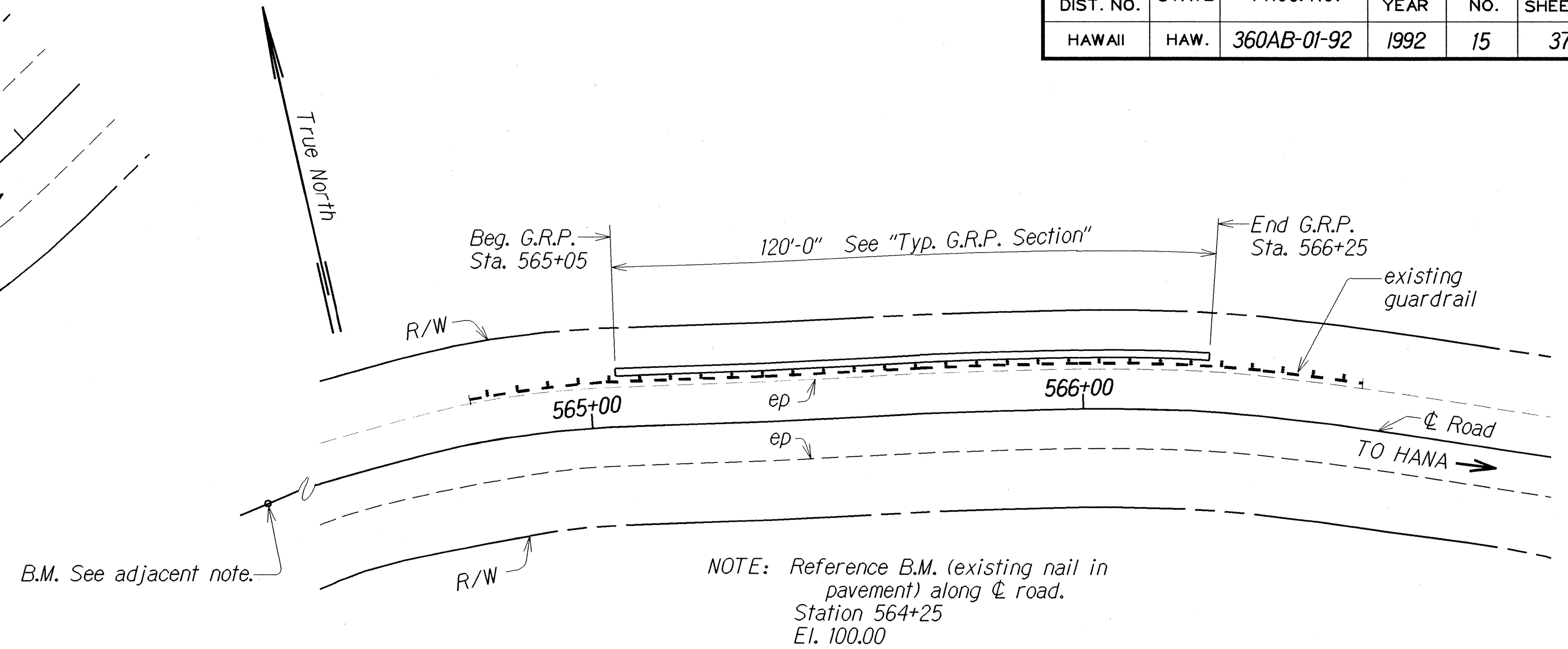
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-92	1992	15	37



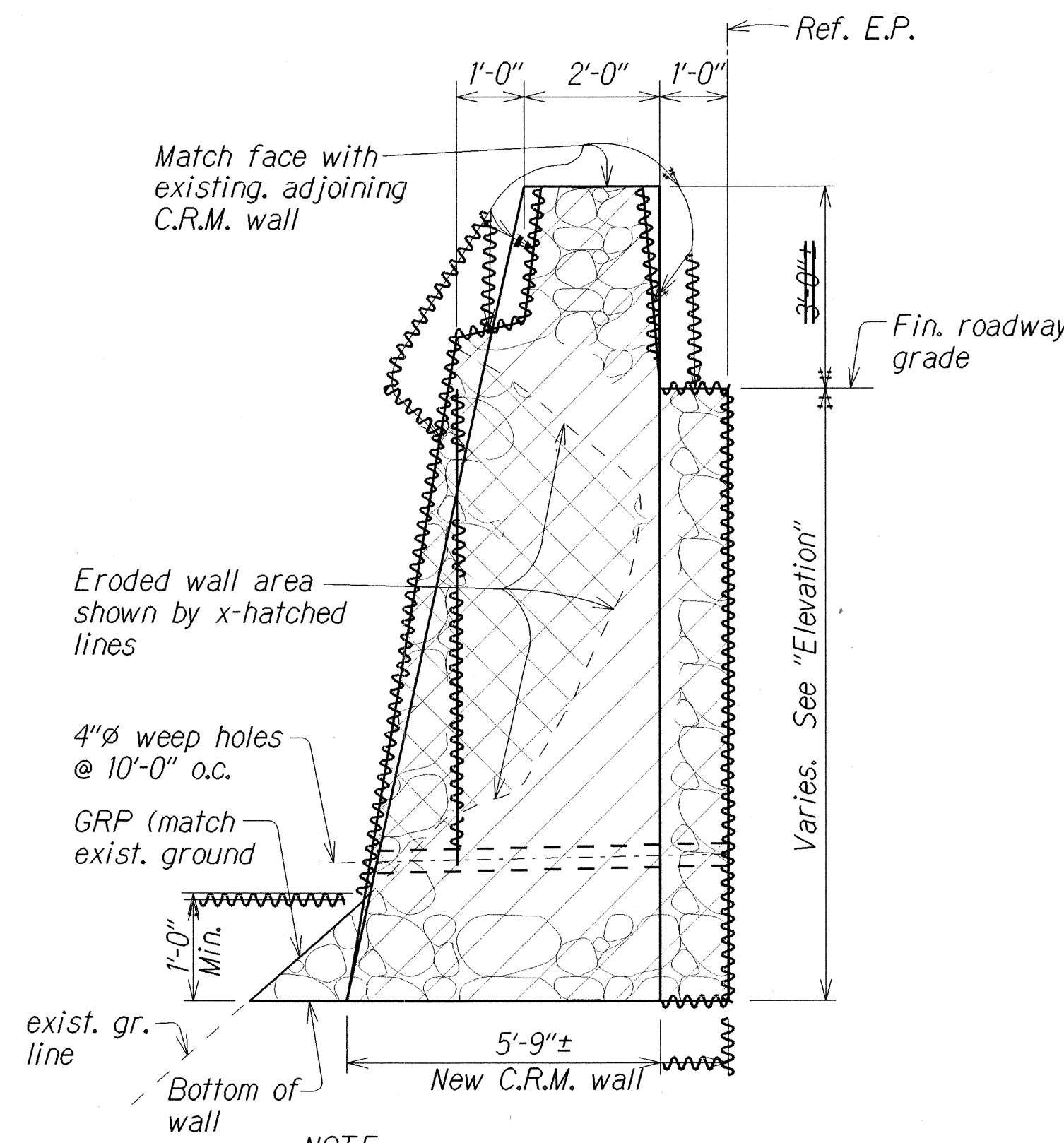
NOTE: Reference B.M. (existing nail in pavement) along ϕ road.
Station 541+77
El. 100.00

PLAN
Scale: 1"=20'-0"

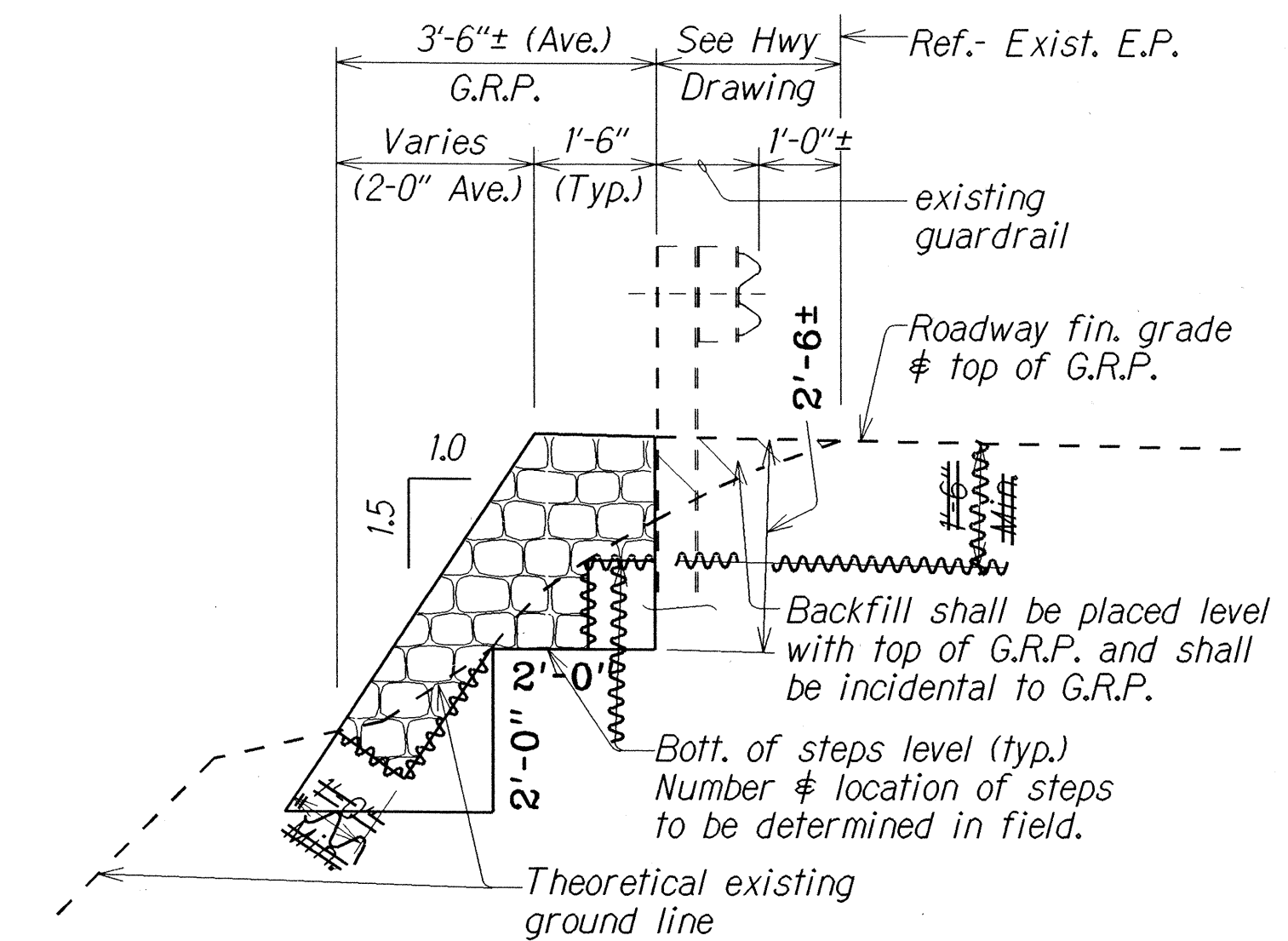


NOTE: Reference B.M. (existing nail in pavement) along ϕ road.
Station 564+25
El. 100.00

PLAN
Scale: 1"=20'-0"

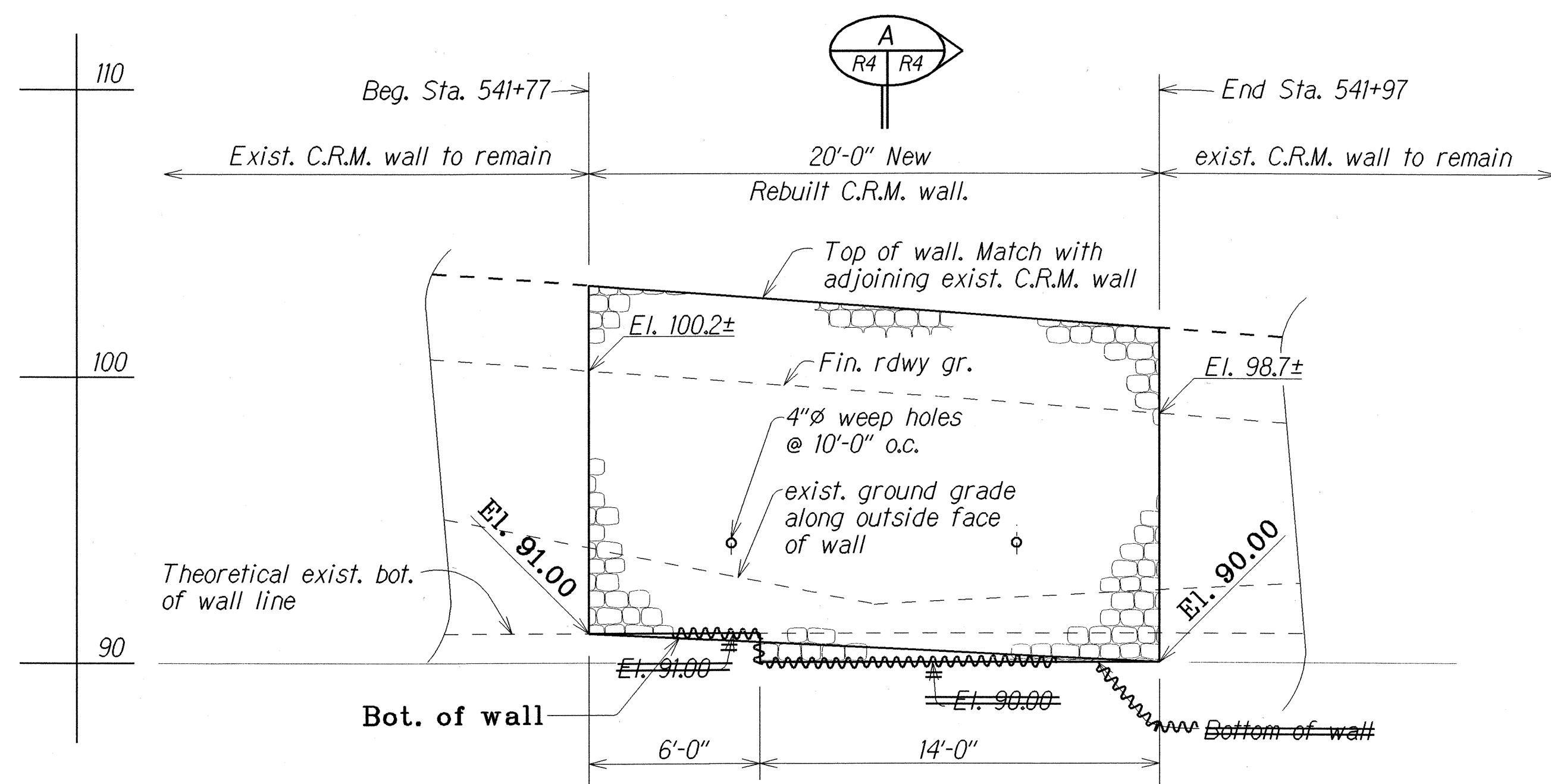


TYPICAL SECTION
Scale: 1/2"=1'-0"



TYPICAL G.R.P. SECTION
Scale: 1/2"=1'-0"

G.R.P. SLOPE PROTECTION AT M.P. 13.60



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

C.R.M. WALL AT M.P. 13.14

LEGEND FOR AS-BUILT POSTINGS	
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	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

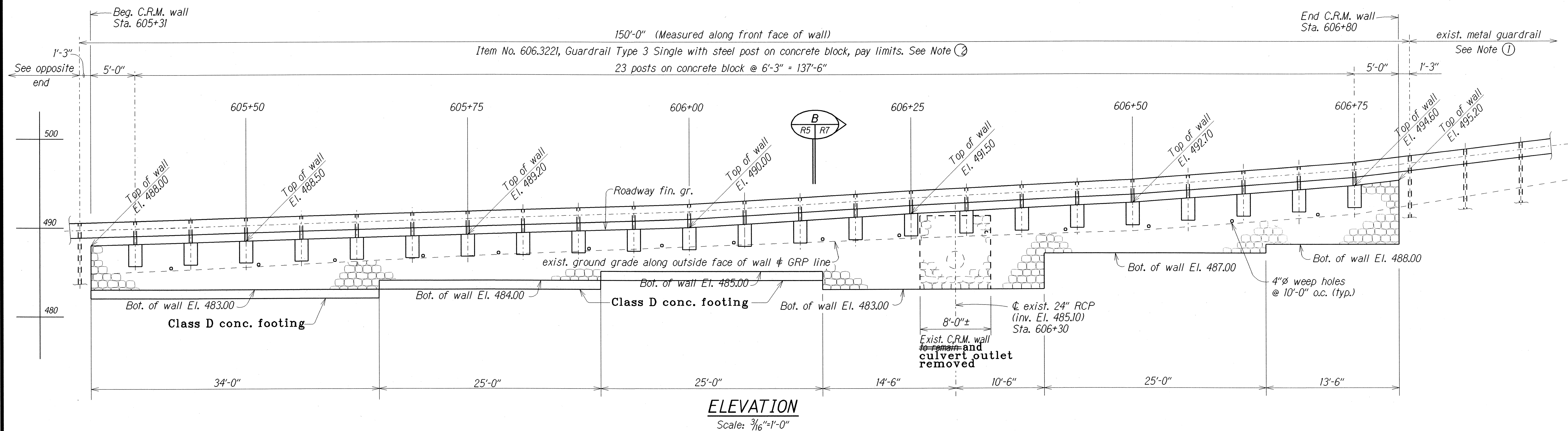
WALL PLAN AND ELEVATION AT M.P. 13.14
WALL PLAN AND SECTION AT M.P. 13.60
HANA HIGHWAY STORM DAMAGE REPAIRS
HUELO TO NAHIKU
Project No. 360AB-01-92

Scale: As Noted
Date: Feb, 1992

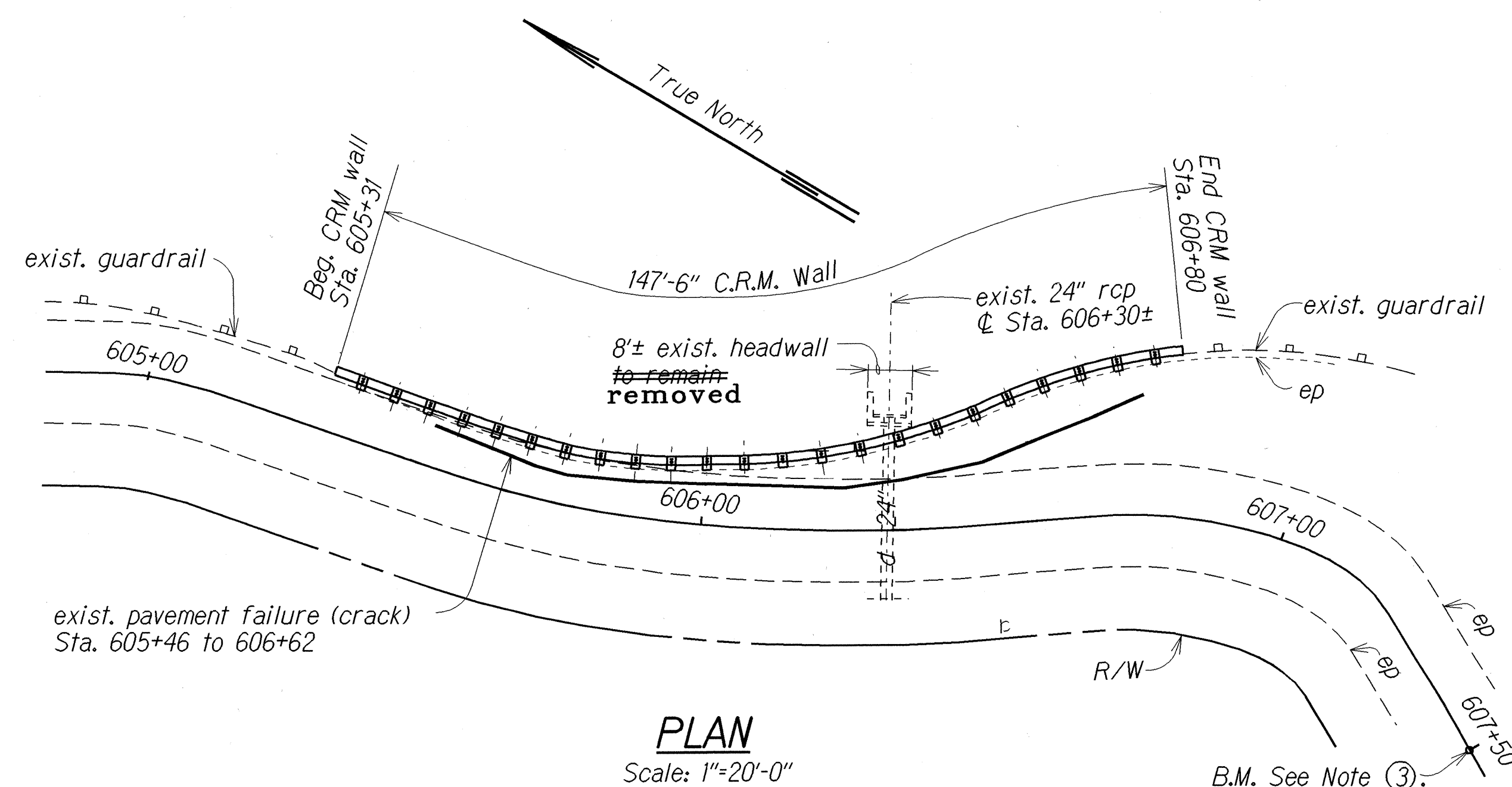
SHEET No. R4 OF 7 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	360AB-01-92	1992	16	37



- NOTE:
- ① Match new railing with existing. Any work required to provide a satisfactory connection will be determined in the field. This work shall be incidental to Item No. 606.322I, Guardrail Type 3, Single with Steel Post on Concrete Block and will not be paid for separately.
 - ② Removal of existing guardrail shall be incidental to structure excavation and will not be paid for separately.
 - ③ Reference B.M. (existing nail in pavement) along CL road. Station 607+50, El. 500.00.



C.R.M. WALL AT M.P. 14.39

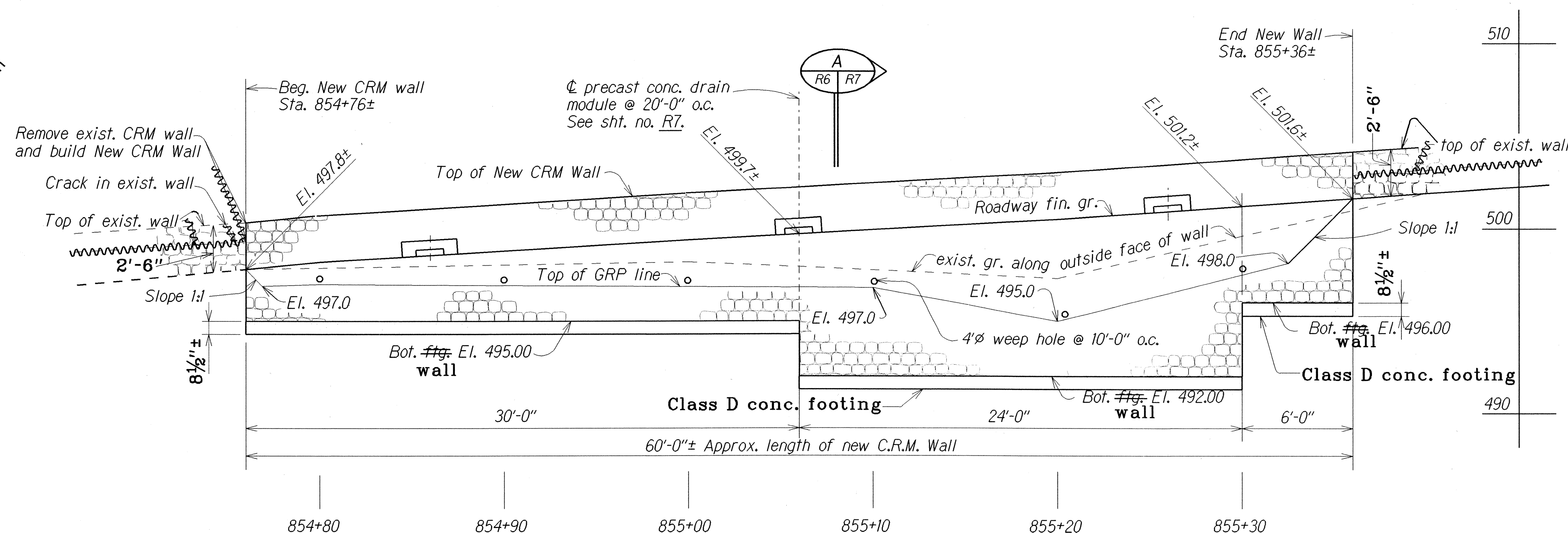
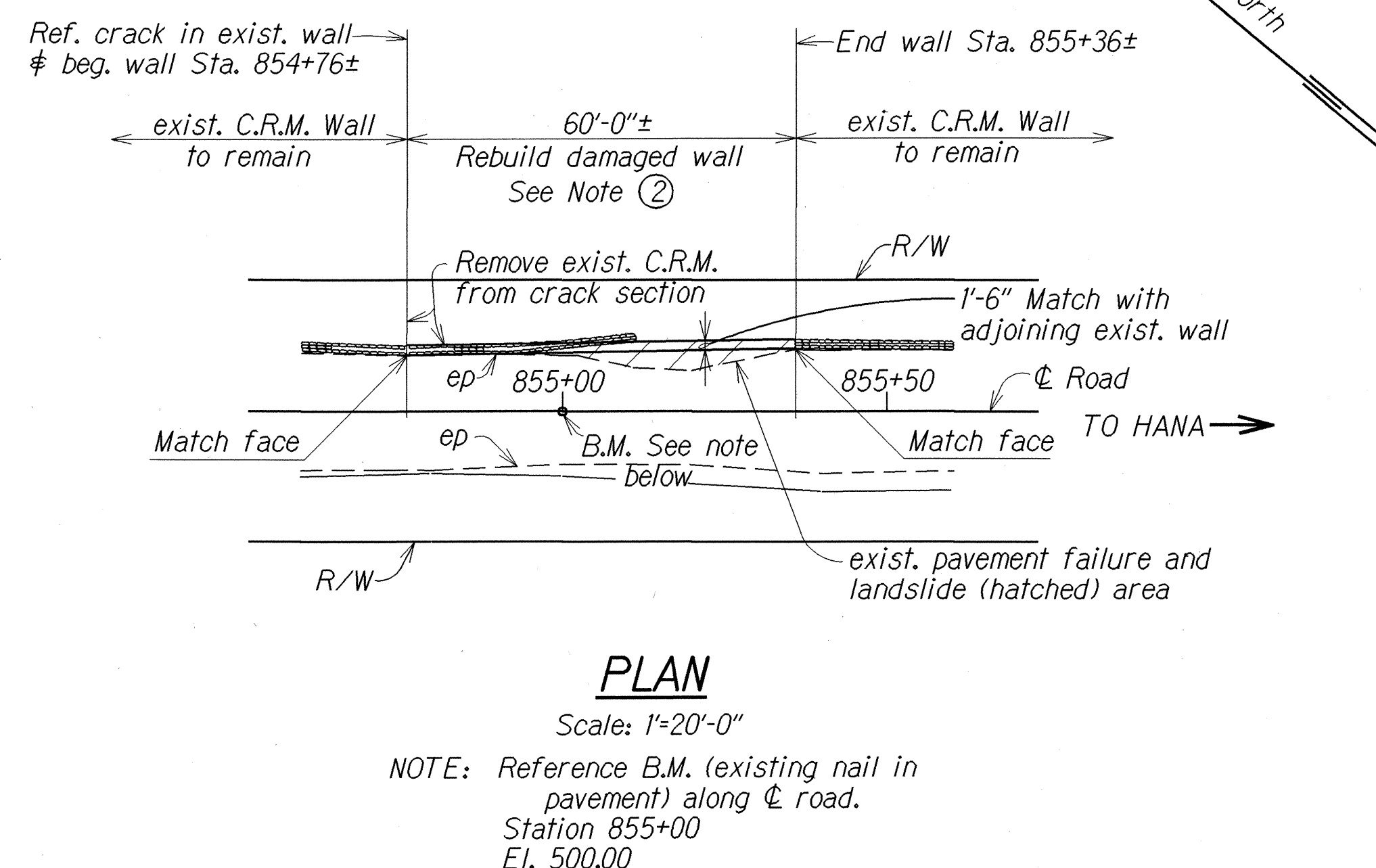
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
100-00	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

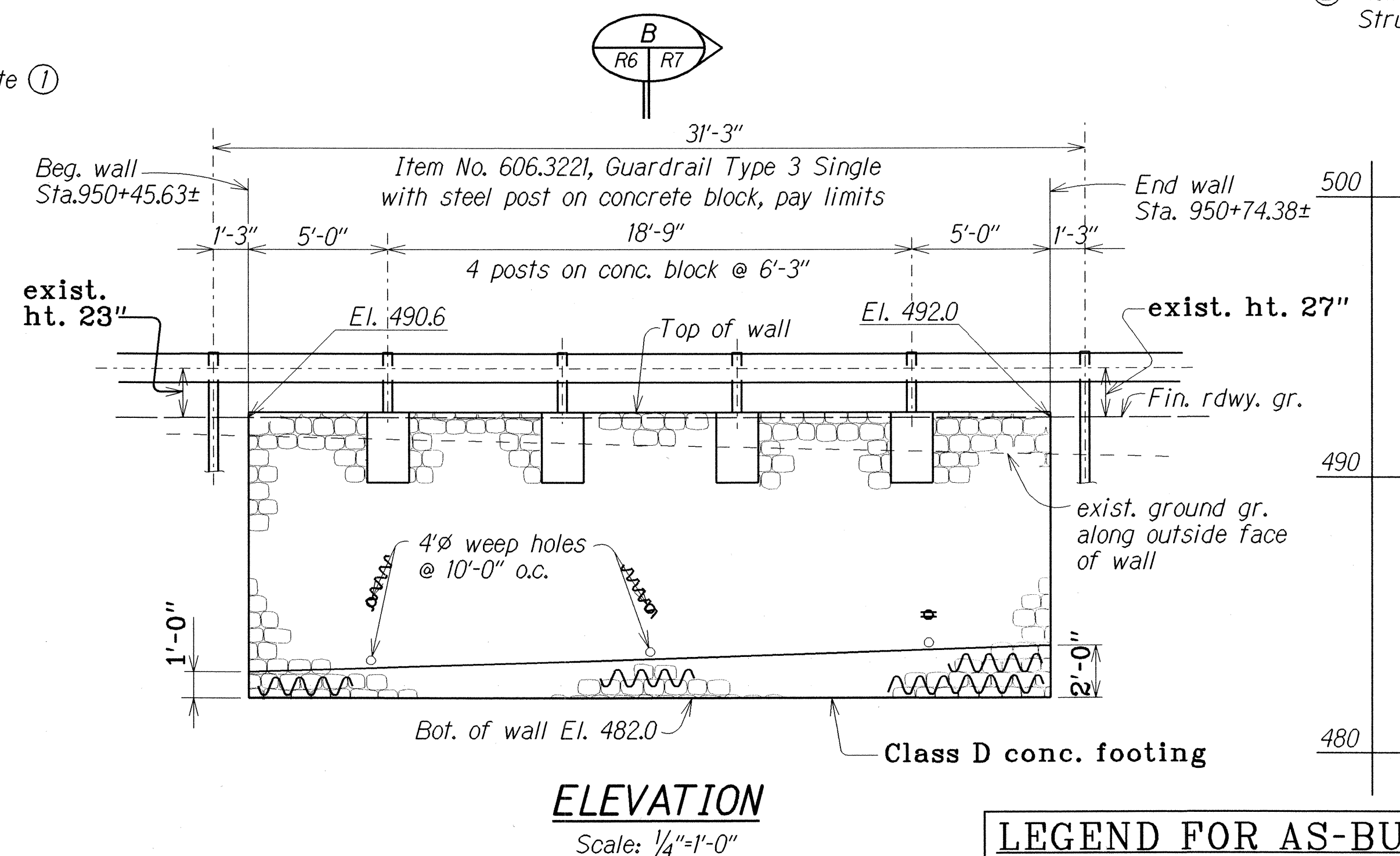
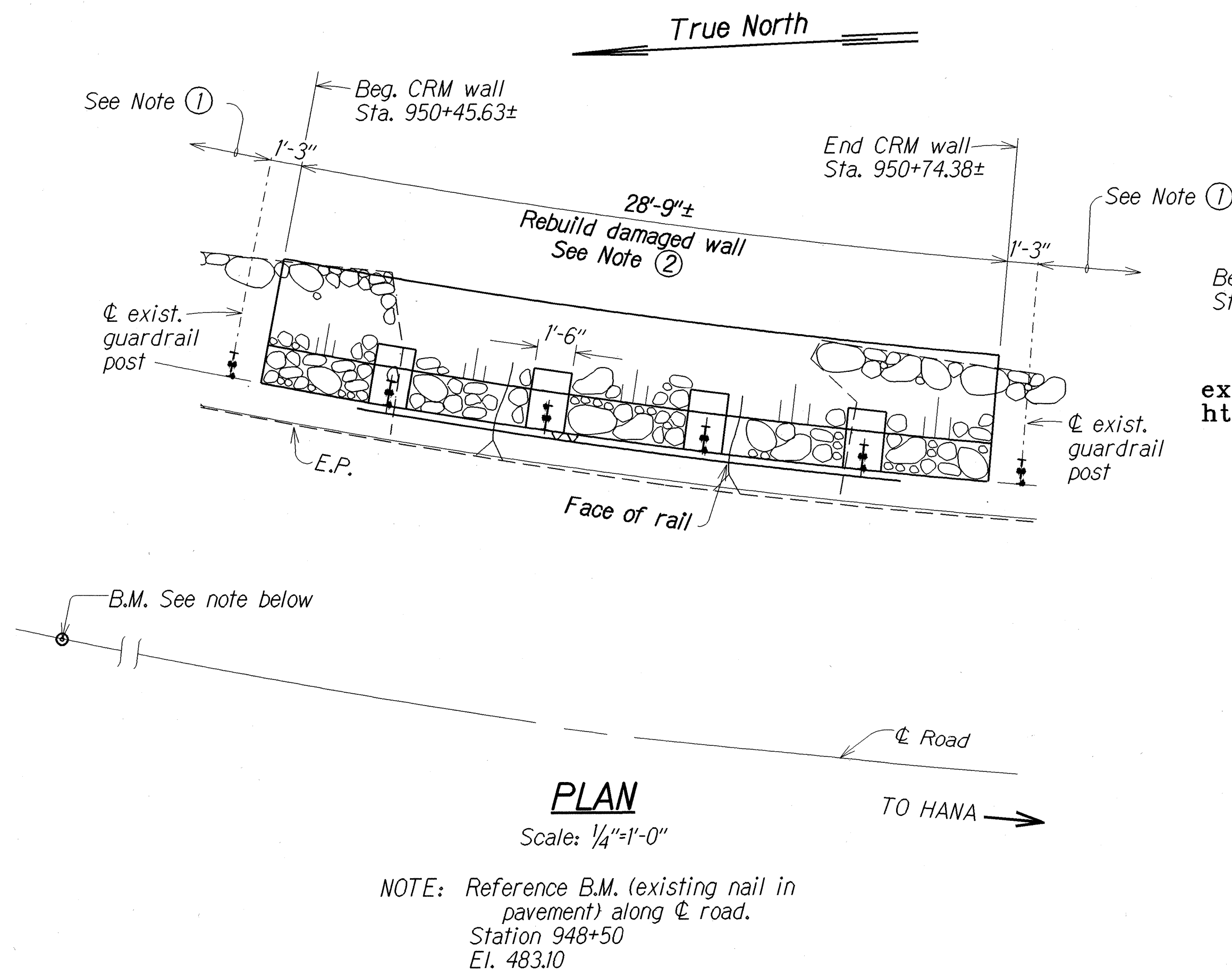
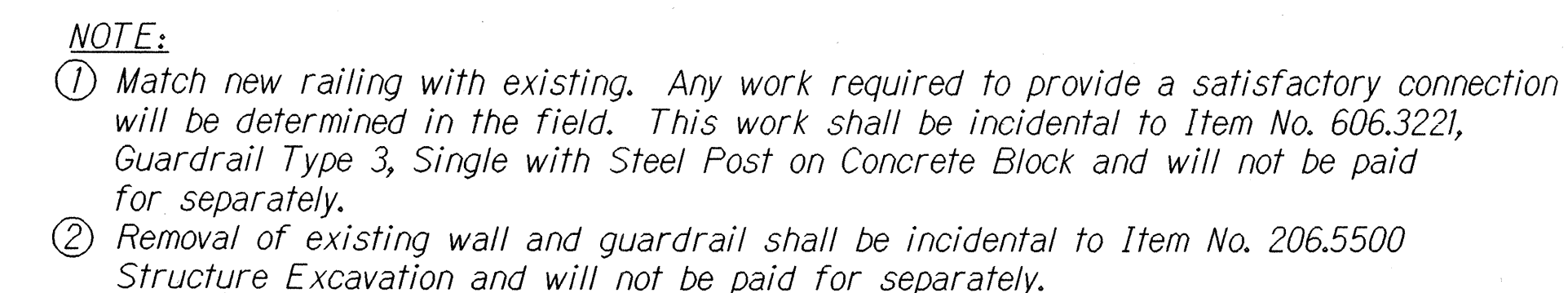
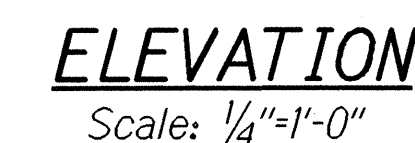
WALL PLAN AND ELEVATION AT M.P. 14.3
HANA HIGHWAY STORM DAMAGE REPAIRS
HUELO TO NAHIKU
Project No. 360AB-01-92

Scale: As Noted Date: Feb, 1992

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	360AB-01-92	1992	17	37



C.R.M. WALL AT M.P. 19.08



C.R.M. WALL AT M.P. 20.90

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
100.00	Double line for as-built deletion
Roadway	Text for as-built posting

1	Revised file name.
7/11/96	
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>WALL PLAN AND ELEVATION AT M.P. 19.0</u> <u>WALL PLAN AND ELEVATION AT M.P. 20.9</u> <u>HANA HIGHWAY STORM DAMAGE REPAIRS</u> <u>HUELO TO NAHIKU</u> <u>Project No. 360AB-01-92</u>	
Scale: As Noted	Date: Feb, 1996
SHEET No. 06 OF 7 SHEETS	