

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	19FGH-03-04M	2004	C2.1	32

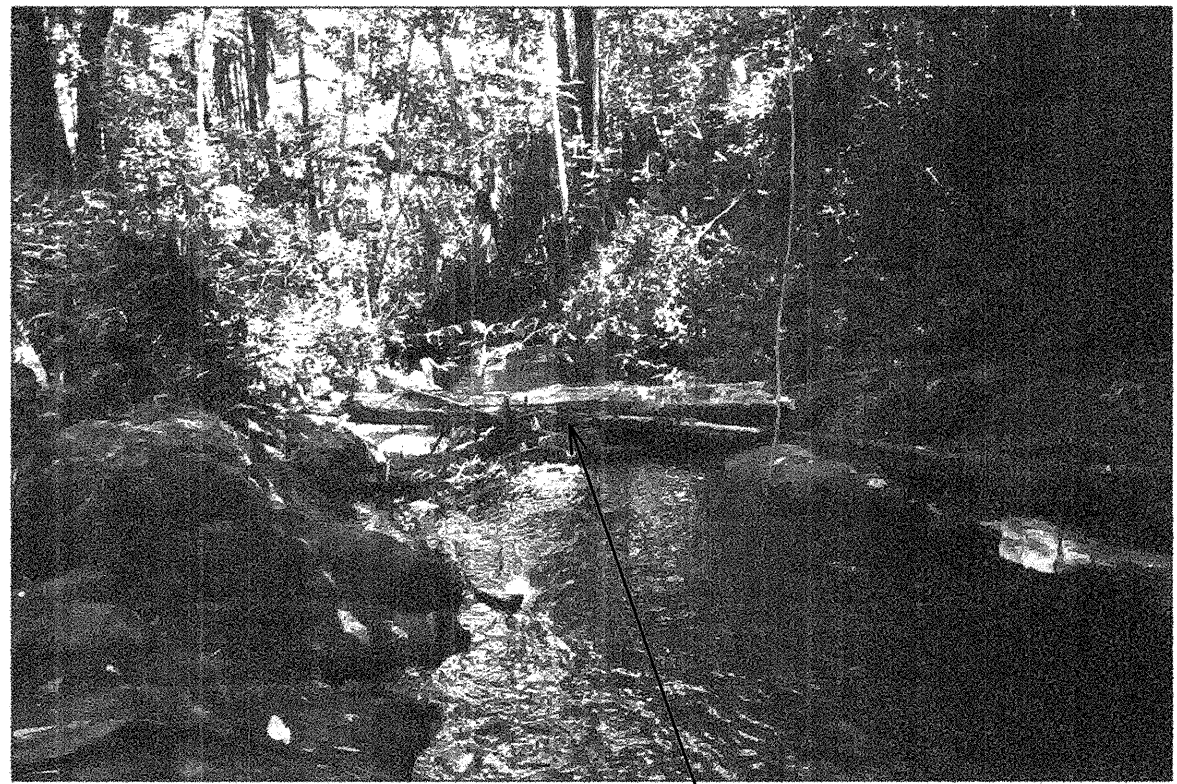


Photo 1
Remove loose debris downstream of outlet

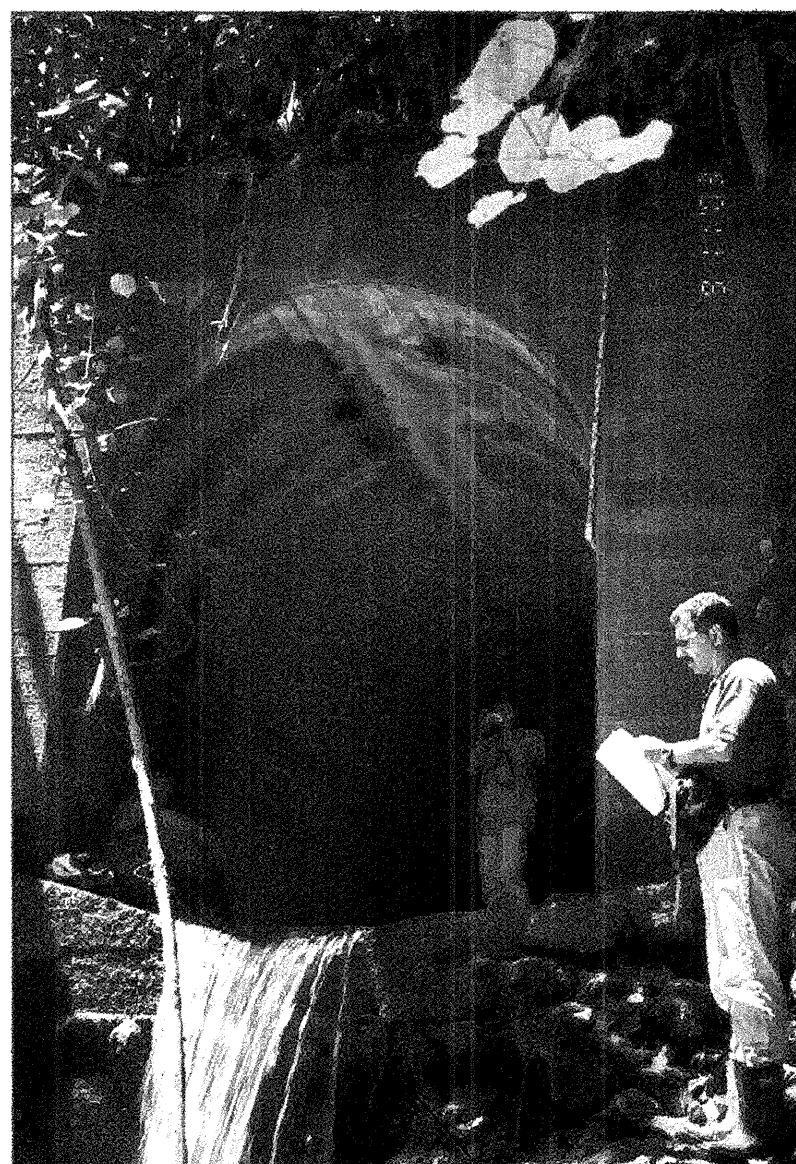
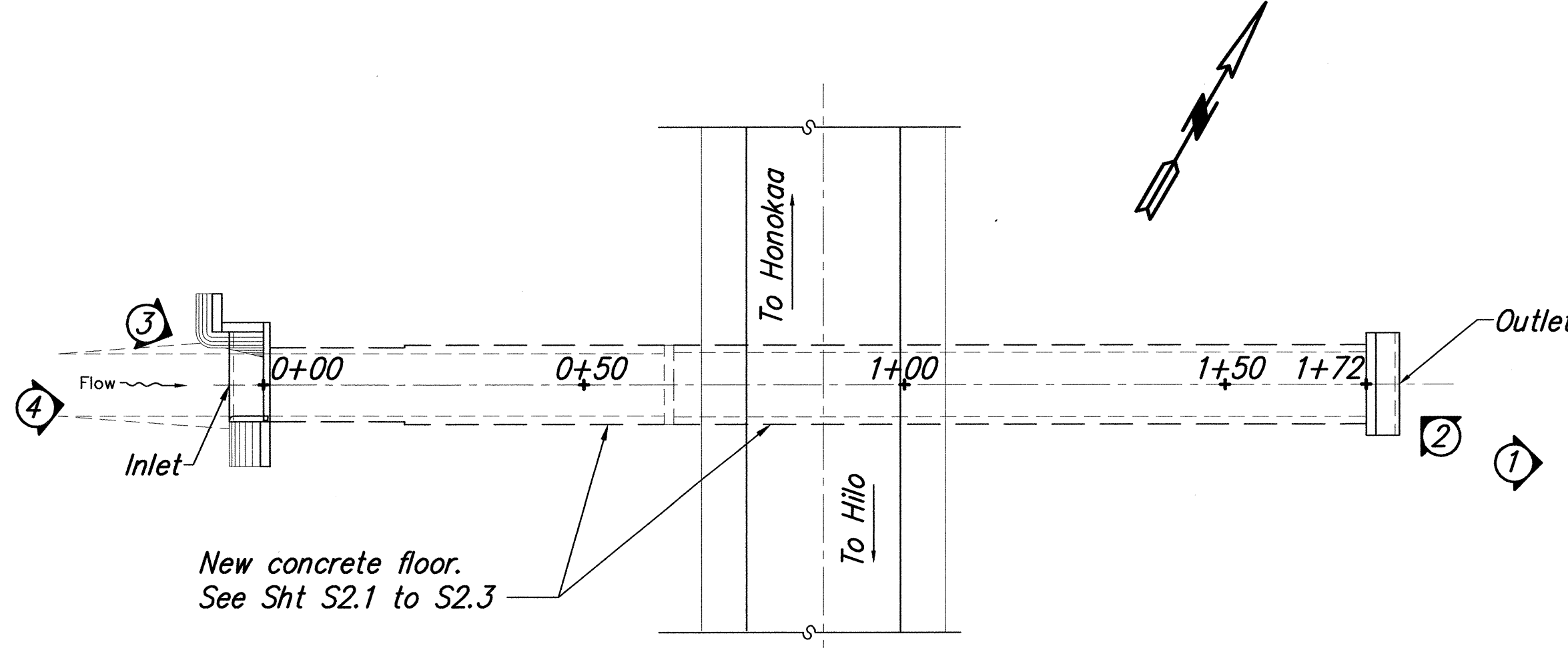
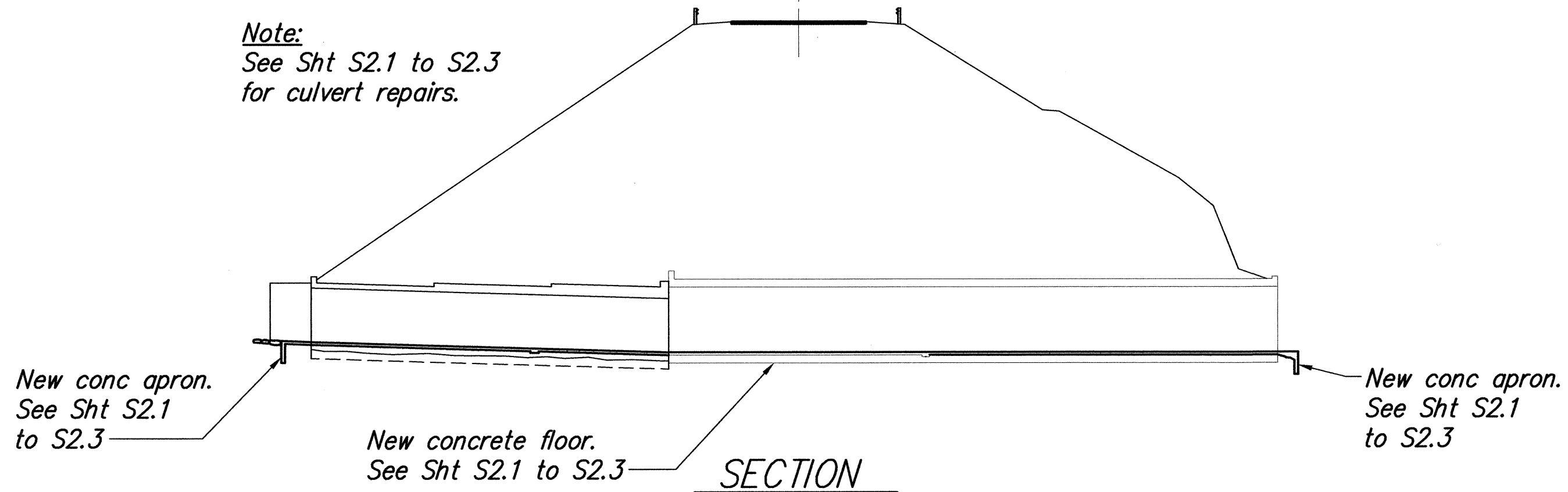


Photo 2
Remove loose rocks & const. new conc apron.



PLAN
Scale: 1"=20'

Note:
See Sht S2.1 to S2.3
for culvert repairs.



SECTION
Scale: 1"=20'

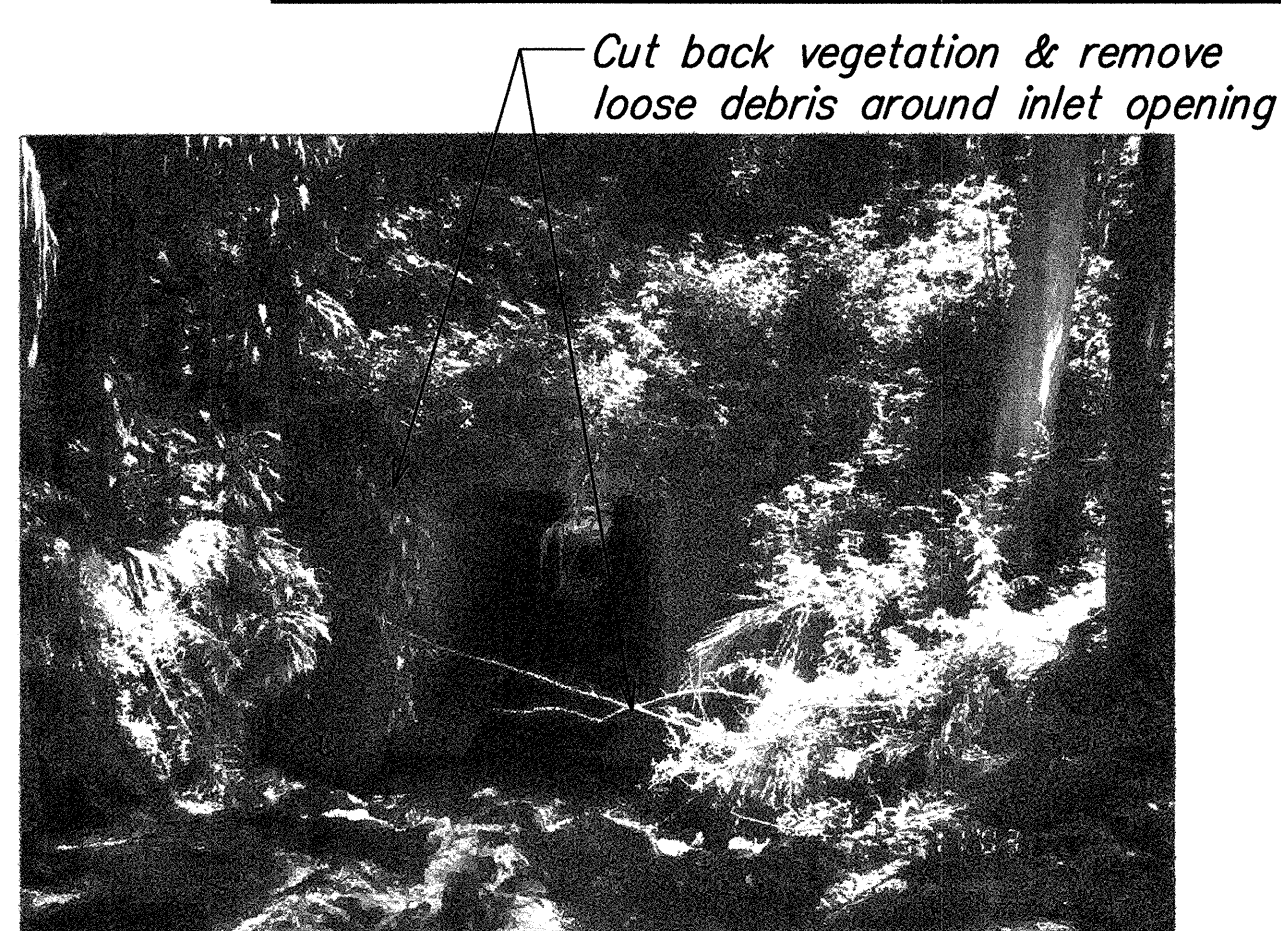


Photo 3

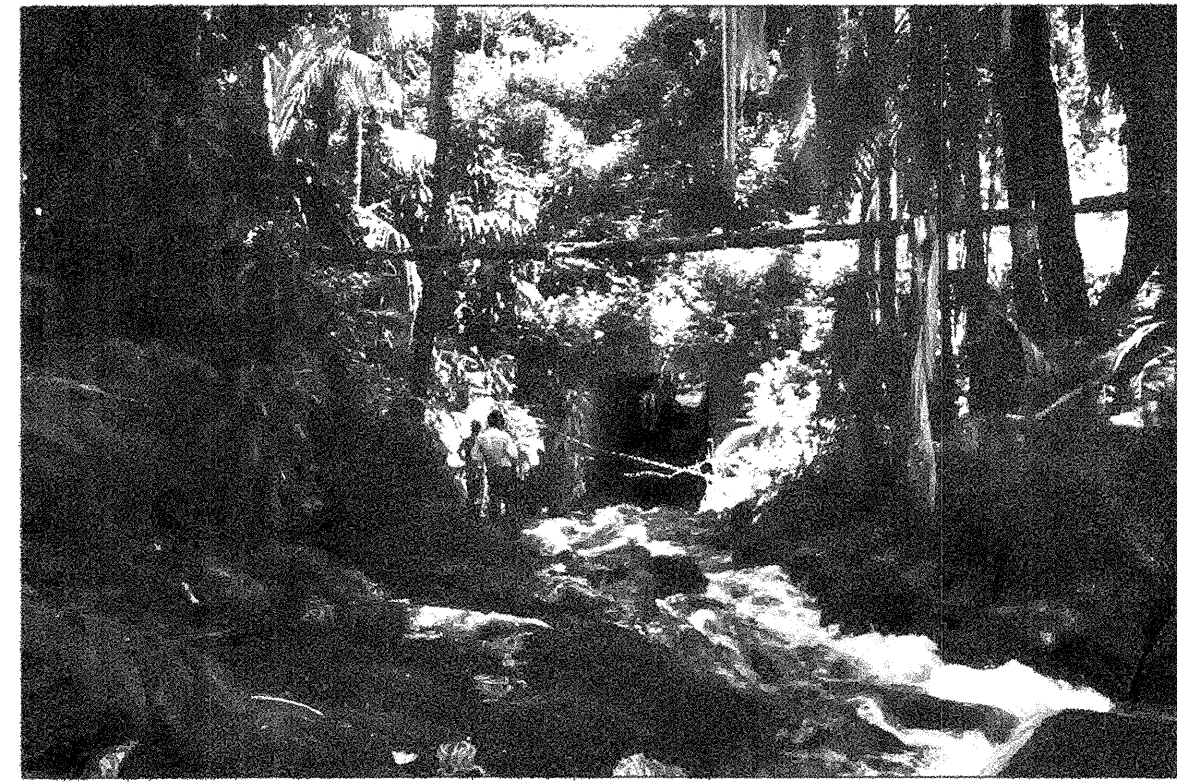
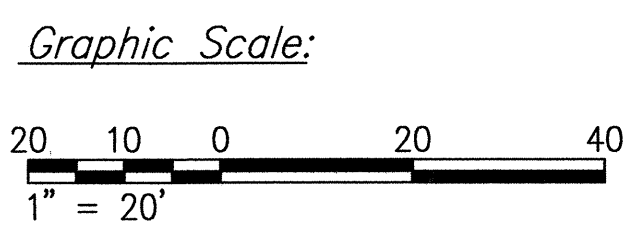


Photo 4

PHOTO NOTE:
Photographs are only for identifying the worksite. The Contractor shall perform his/her own site inspection to verify the existing site conditions that he/she may encounter during construction.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	" "
No.	DESIGNED BY	" "
	QUANTITIES BY	" "
	CHECKED BY	" "



EARTH TECH

841 Bishop Street, Suite 500
Honolulu, HI 96813

AROLAN R. NIROU
LICENSED PROFESSIONAL ENGINEER
No. 6198-C
HAWAII, U.S.A.

EXPIRATION DATE OF THE LICENSE 4/30/2004
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MLE POST 18.61
SITE IMPROVEMENTS**

**HAWAII BELT ROAD DRAINAGE
IMPROVEMENTS**

Project No. 19FGH-03-04M

Scale: As Noted Date: Apr 30, 2004

SHEET No. C2.1 OF 32 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	19FGH-03-04M	2004	C2.3	32



Photo 1

Repair slope embankment above exist inlet head/wingwalls

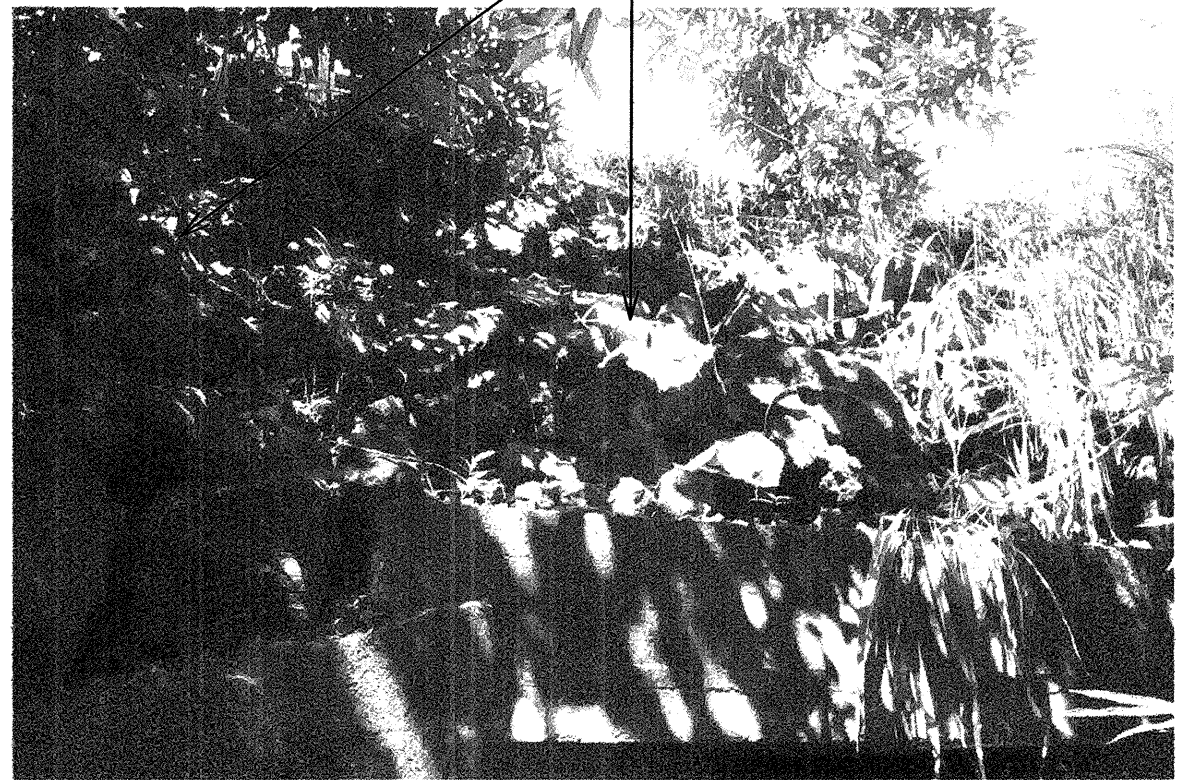


Photo 2

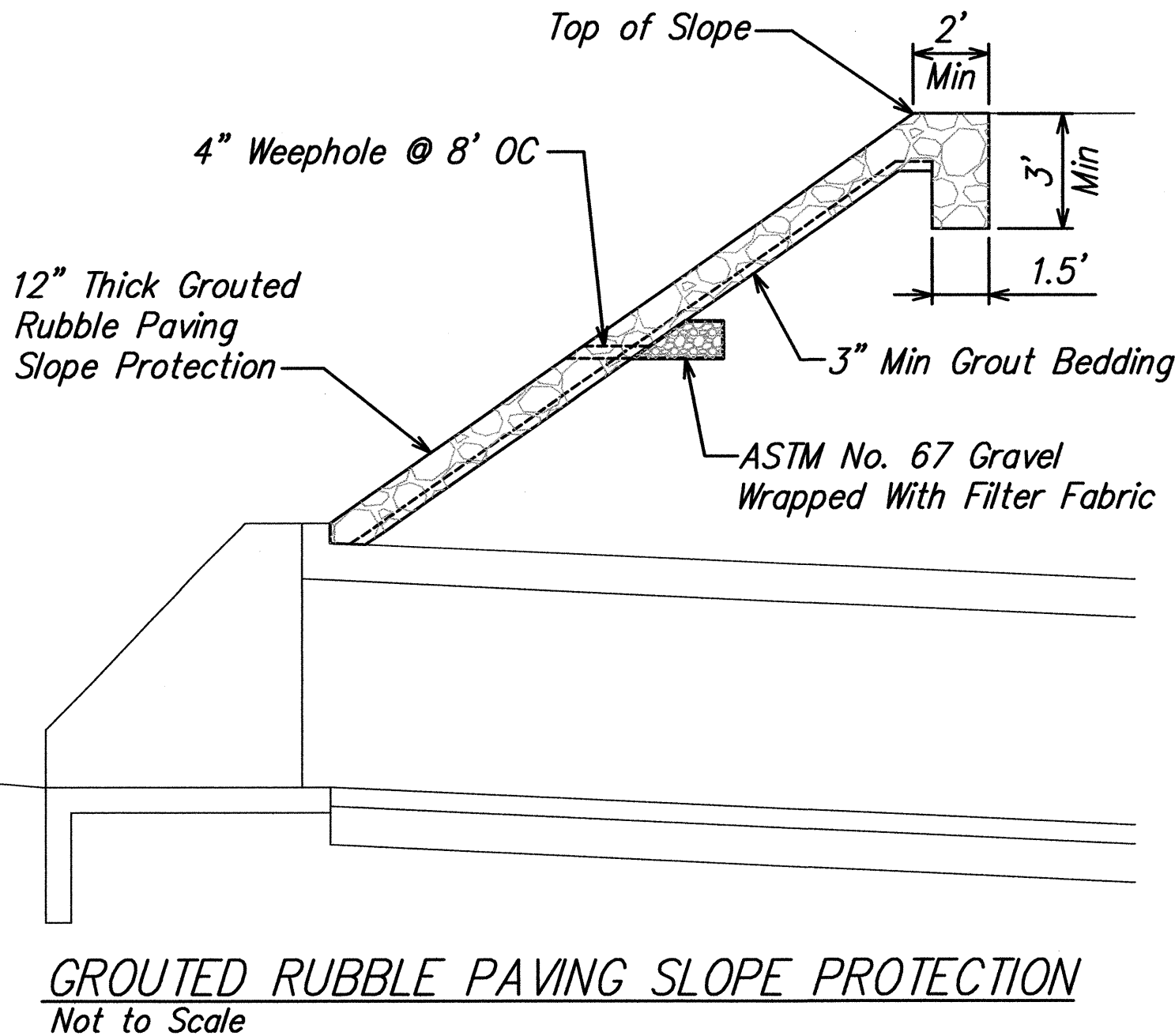
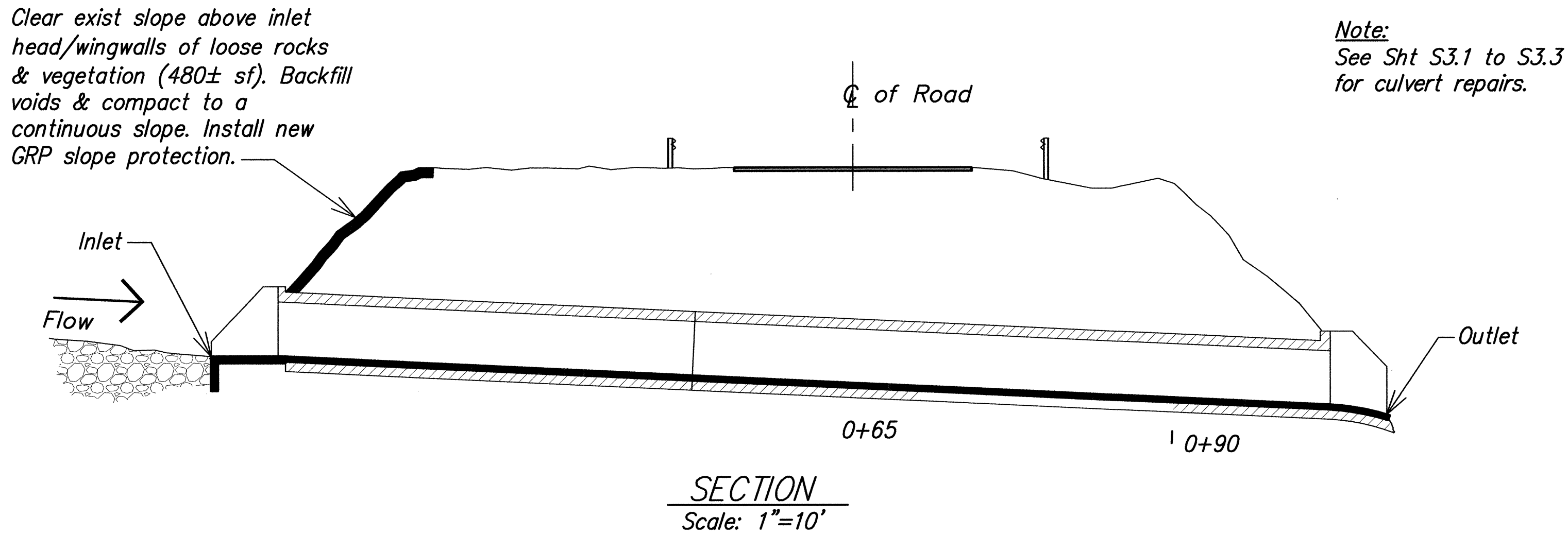
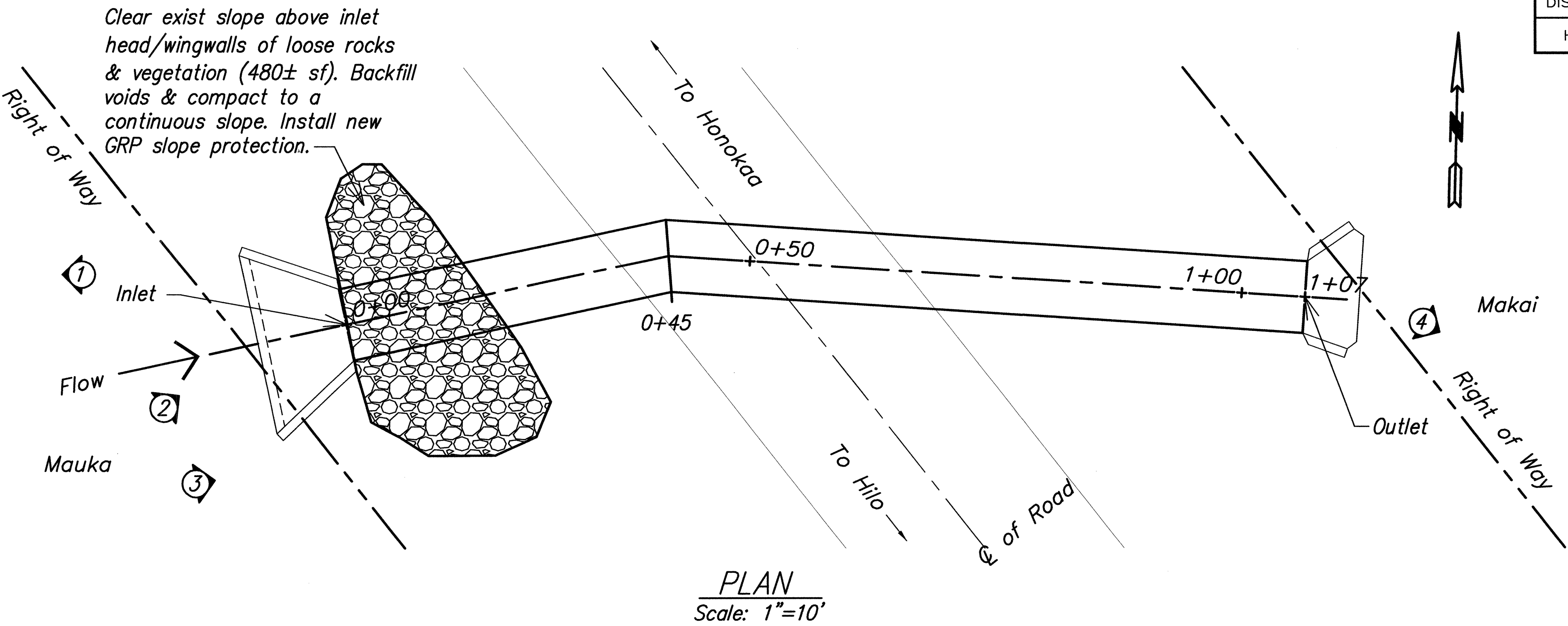
Repair slope embankment above exist inlet head/wingwalls



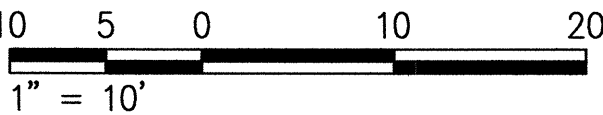
Photo 3



Photo 4



Graphic Scale:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MILE POST 20.52
SITE IMPROVEMENTS**

**HAWAII BELT ROAD DRAINAGE
IMPROVEMENTS**

Project No. 19FGH-03-04M

Scale: As Noted Date: Apr 30, 2004

SHEET No. C2.2 OF 32 SHEETS

SURVEY PLOTTED BY	DATE
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ORIGINAL PLAN	
NOTE BOOK	
No.	

PHOTO NOTE:
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Clear 25' wide x 100' long area upstream of exist inlet of loose rocks & debris. Trim brush, trees & groundcover within stream flow path.



Photo 1

Cut back vegetation & remove debris from inlet opening

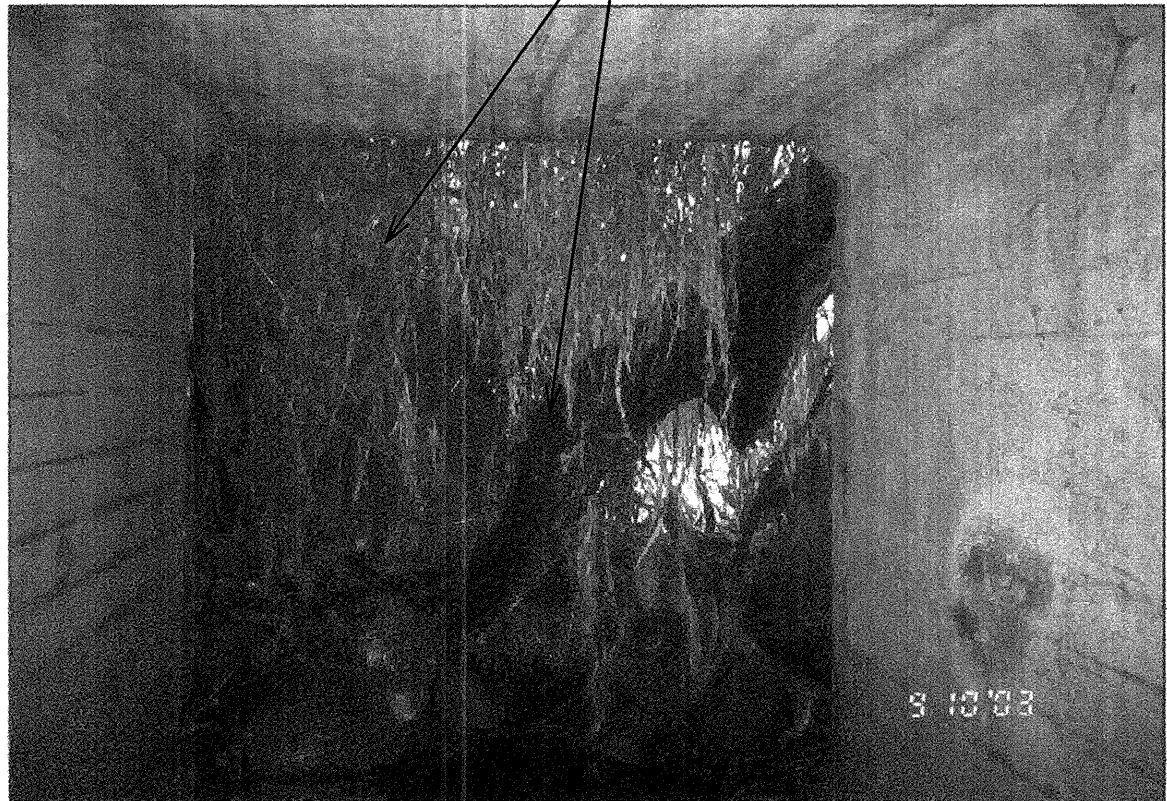


Photo 2

Approx location of exist CMP culvert

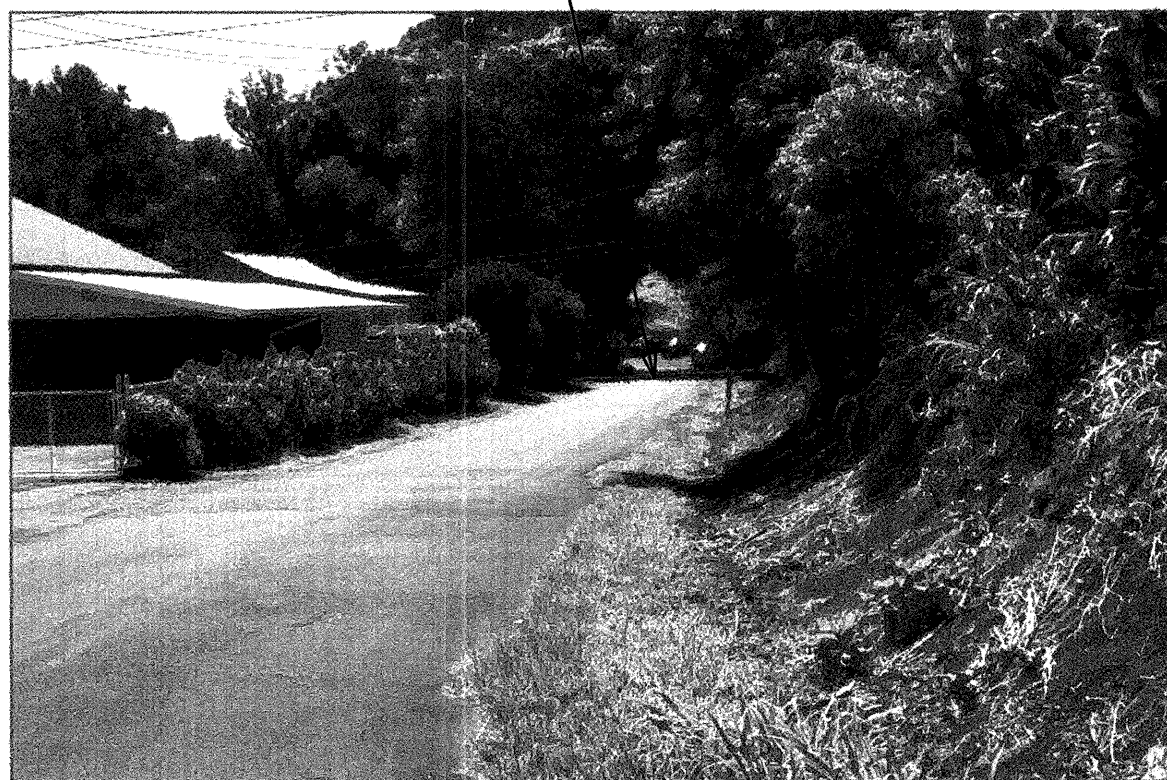
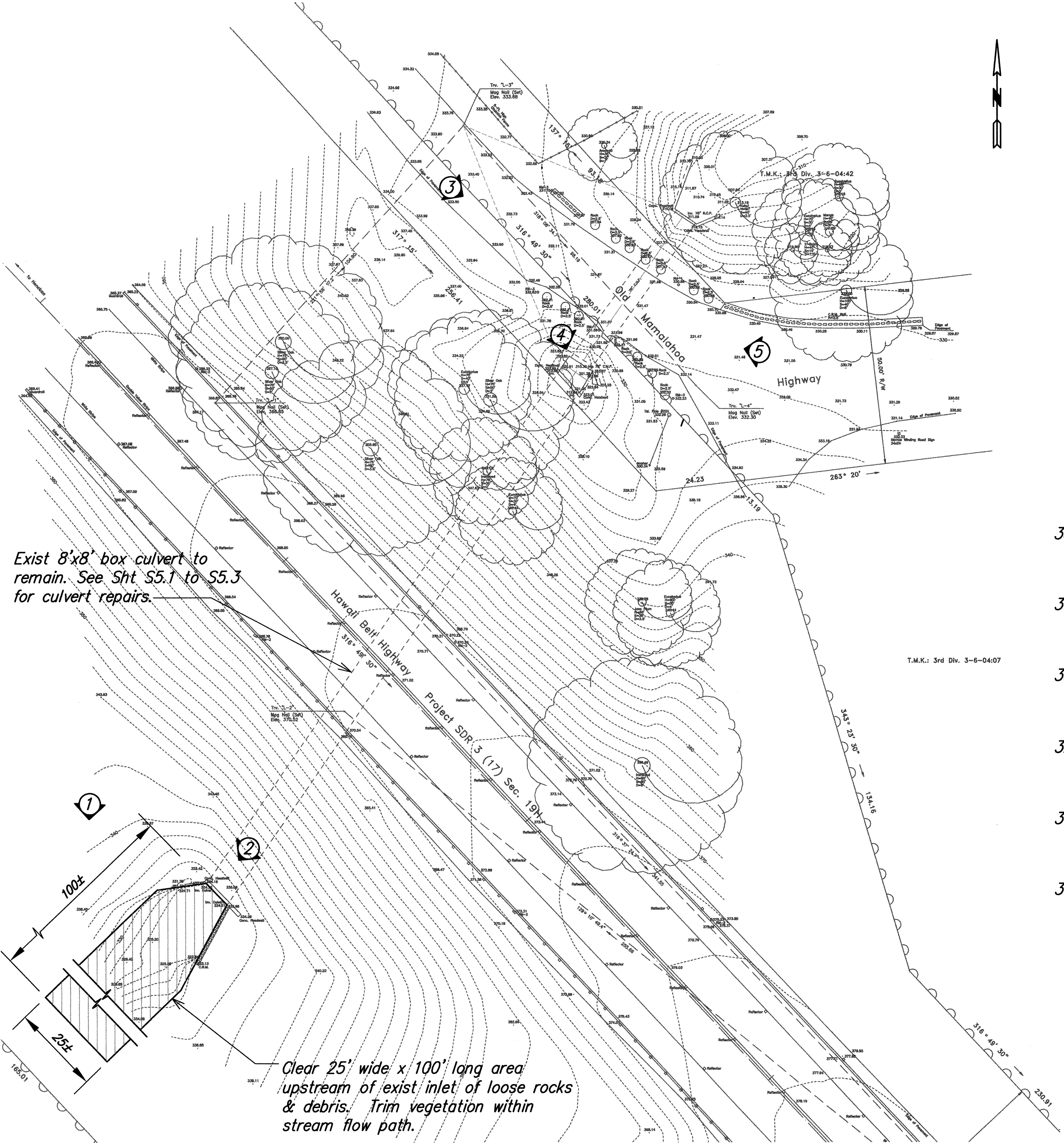


Photo 3

Exist drop inlet structure to remain



Photo 4



SITE LAYOUT PLAN
Scale: 1"=20'

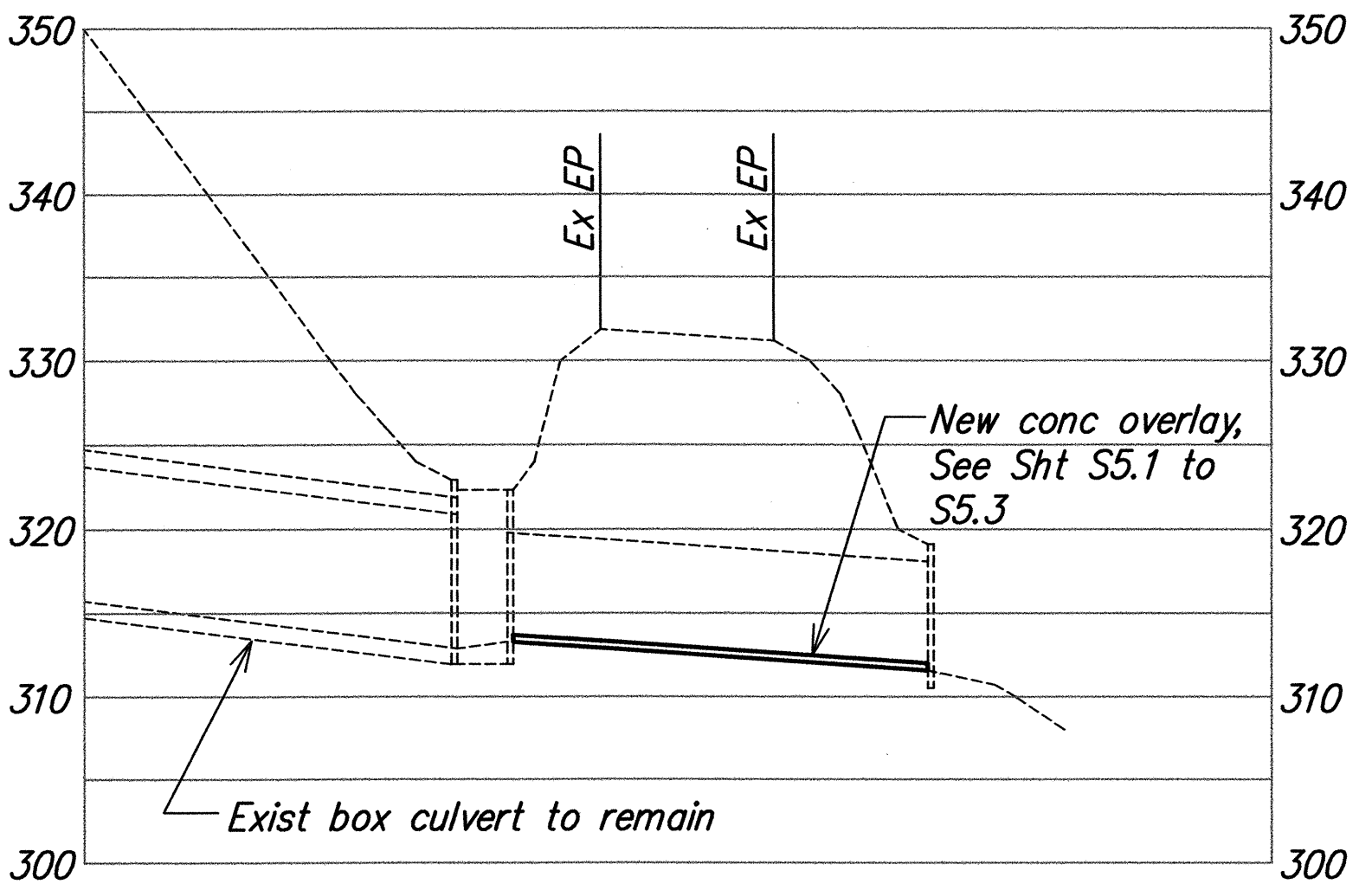
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Approx location of exist CMP culvert



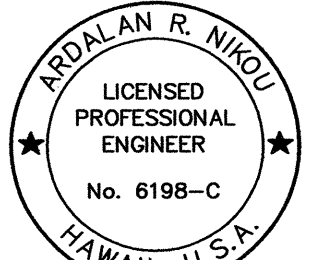
Photo 5



PROFILE
Scale: Horiz 1"=20'
Vert 1"=10'

SURVEY PLATTED BY	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

EARTH TECH
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MILE POST 27.05
SITE IMPROVEMENTS

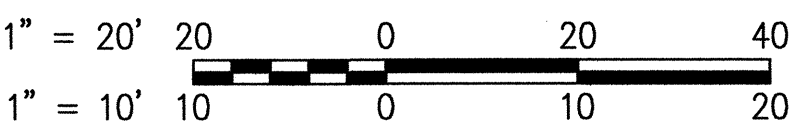
HAWAII BELT ROAD DRAINAGE
IMPROVEMENTS

Project No. 19FGH-03-04M

Scale: As Noted Date: Apr 30, 2004

SHEET No. C2.4 OF 32 SHEETS

Graphic Scale:



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	19FGH-03-04M	2004	C2.6	32

Cut back vegetation around inlet opening



Photo 1

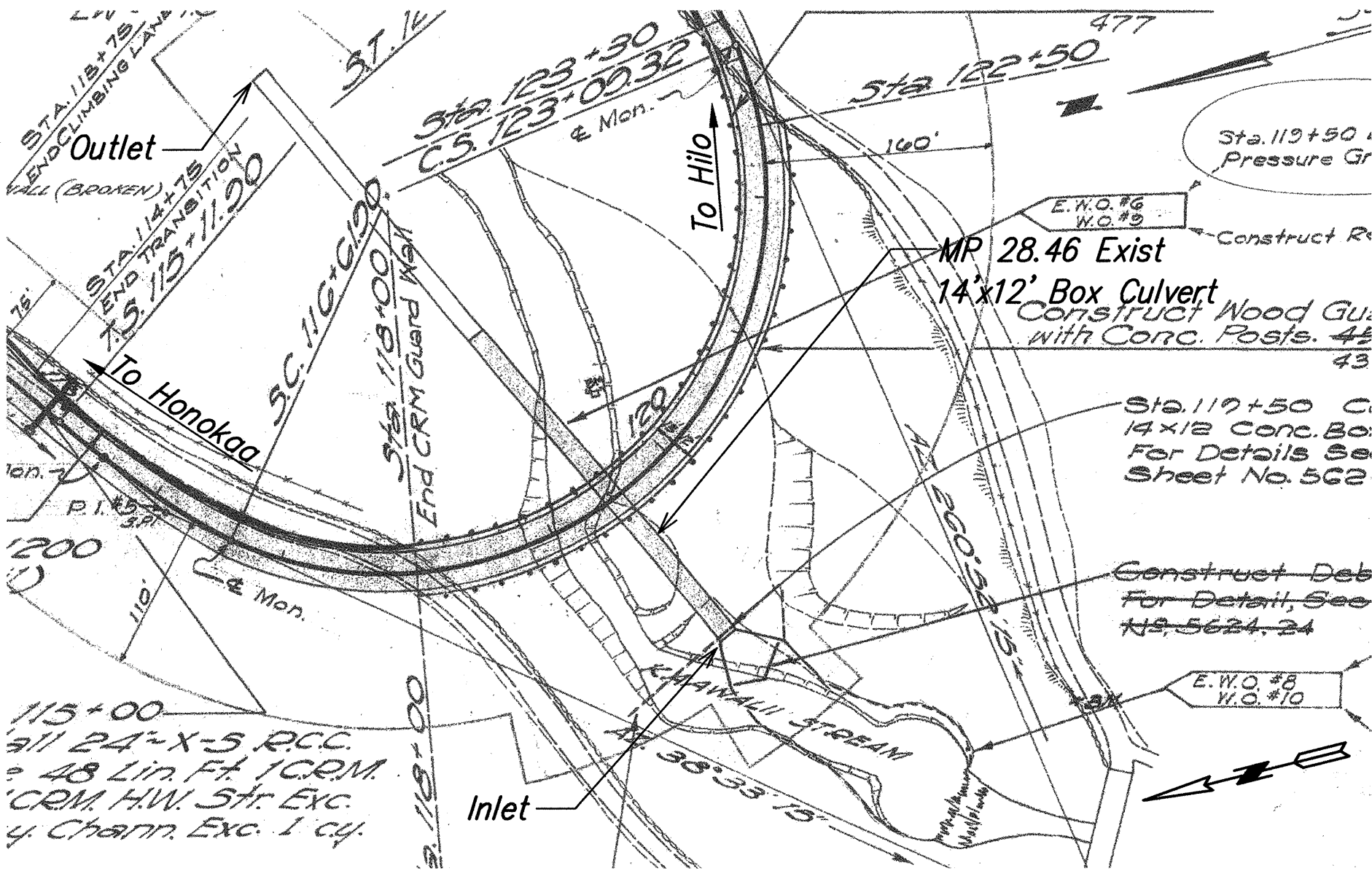


Photo 2

Demolish exist apron and const new apron

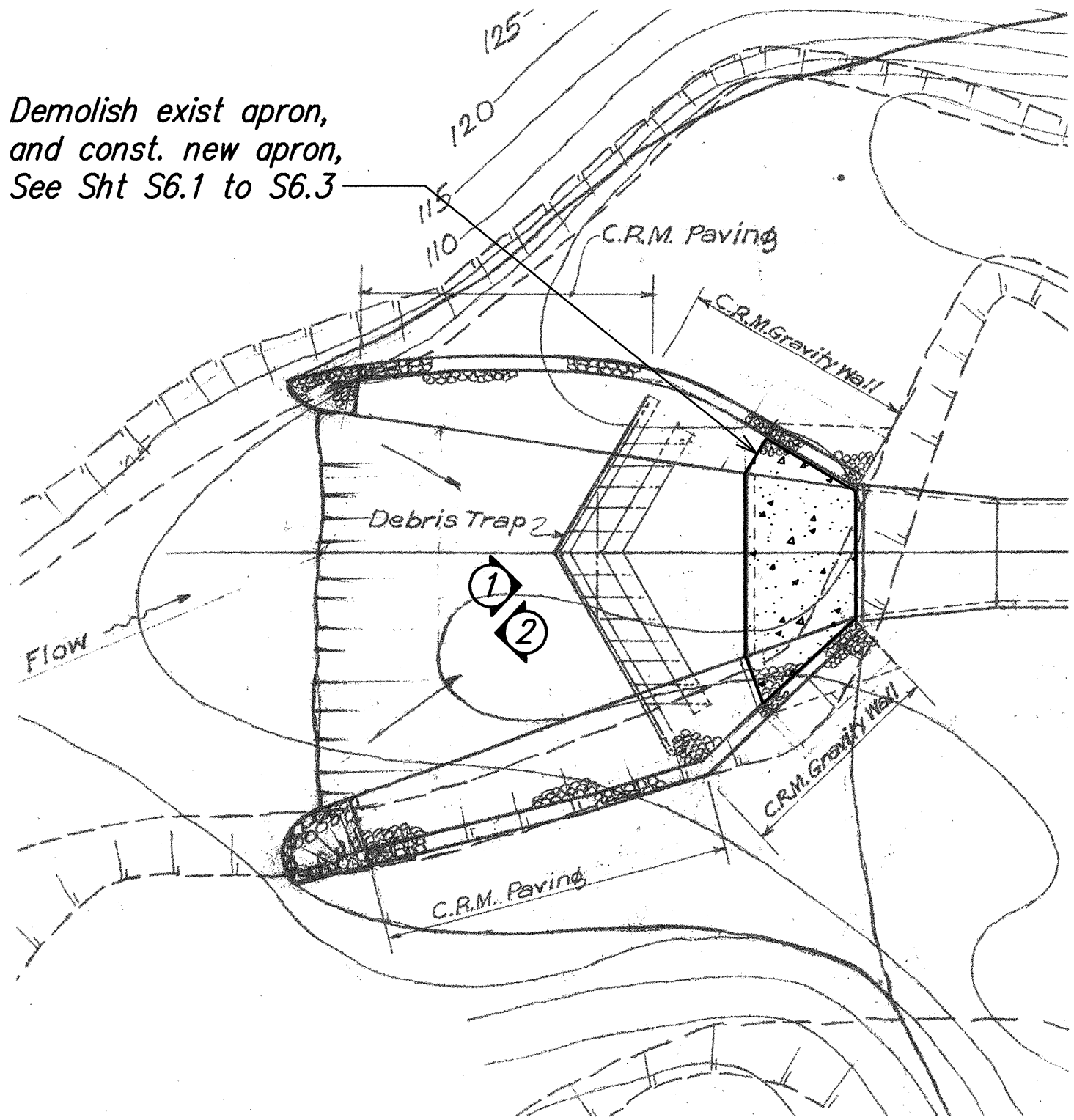
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SITE PLAN
Scale: 1"=100'

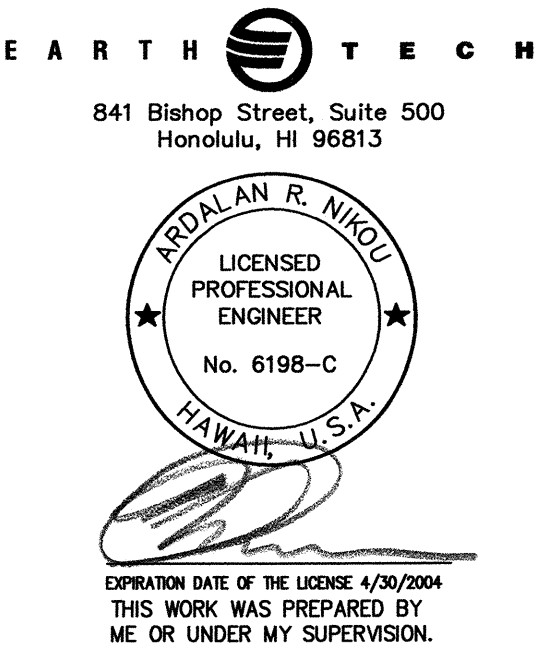
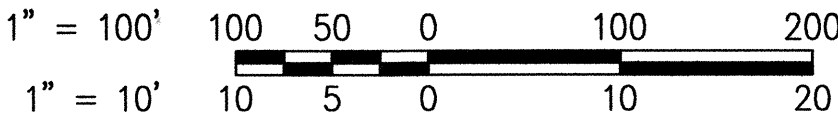
Note:
See Sht S6.1 to S6.3
for culvert repairs



INLET PLAN
Scale: 1"=10'

DESIGNED BY	DATE
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CHECKED BY	
NOTED BY	
APPROVED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

Graphic Scale:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MILE POST 28.46
SITE IMPROVEMENTS**

**HAWAII BELT ROAD DRAINAGE
IMPROVEMENTS**

Project No. 19FGH-03-04M

Scale: As Noted Date: Apr 30, 2004

SHEET No. C2.5 OF 32 SHEETS

EARTH
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