

Diagram illustrating the cross-section of a shoulder and travel lane. The diagram shows the existing ground conditions (dashed line) and the proposed new shoulder (solid line). The new shoulder is 6" High AC Curb. The shoulder width is labeled "New Shoulder" and the travel lane width is labeled "Travelway". The shoulder slope is indicated as 2:1 and 2%. The travel lane slope is indicated as 5%.

[illegible]

2:1

STA. 137+50 TO 138+00  
INBOUND END CONDITION  
SCALE: 1"=20'

The diagram illustrates a cross-section of a road at the inbound end condition. It shows a travelway on the left, followed by a new shoulder, and then the existing ground with a 2:1 slope. The scale is 1 inch equals 20 feet. The diagram is labeled with 'Travelway', 'New Shoulder', 'Follow Exist. Road Slope', 'Existing Ground 2:1', and 'Finish Grade'.

KENNETH O. NAGAI  
 LICENSED  
 PROFESSIONAL  
 ENGINEER  
 No. 3265-C  
 HAWAII, U.S.A.

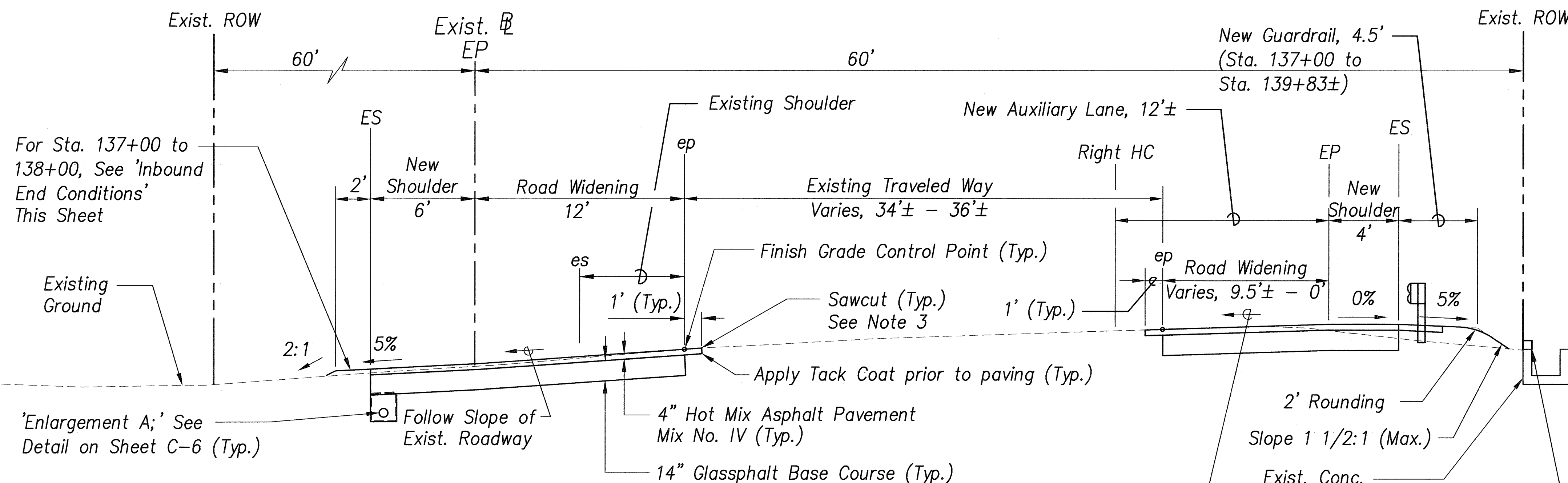
SIGNATURE

APR 30, 2008

EXPIRATION DATE OF LICENSE

THIS WORK WAS PREPARED BY M  
 UNDER MY SUPERVISION

THIS WORK WAS PREPARED BY M  
UNDER MY SUPERVISION

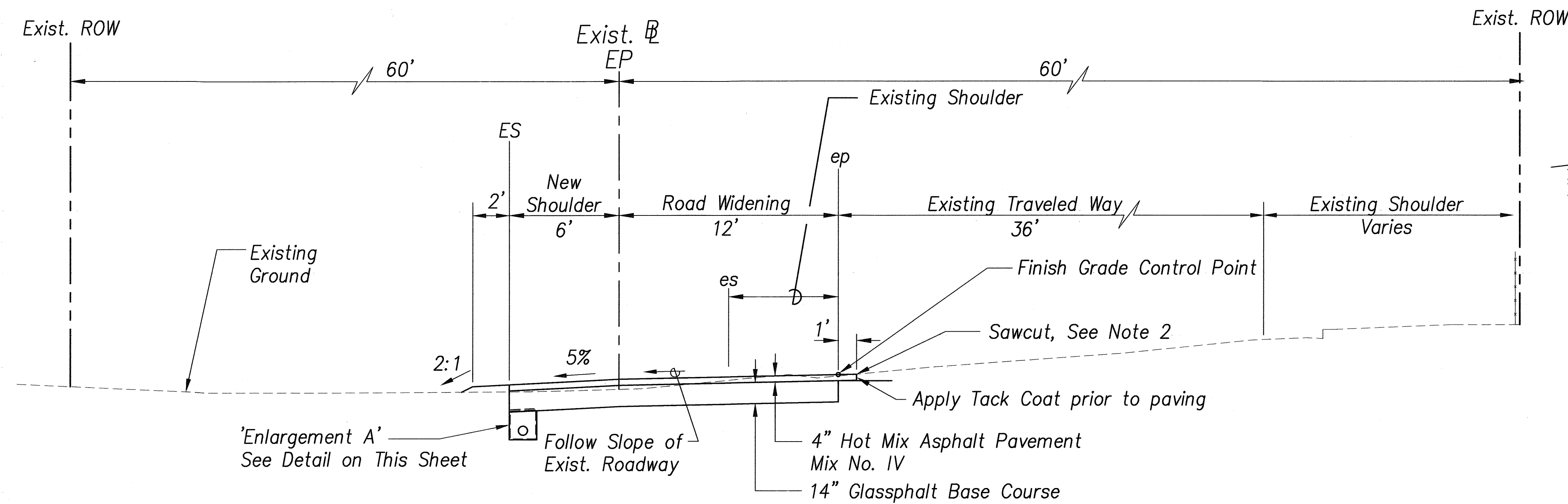


1. Subgrade soils shall be scarified to a depth of at least 8", moisture-conditioned to at least 2 percent above the optimum moisture content, and recompactd to a minimum of 95 percent relative compaction.
2. HC= Horizontal Control
3. See Water Pollution And Erosion Control No. 4E

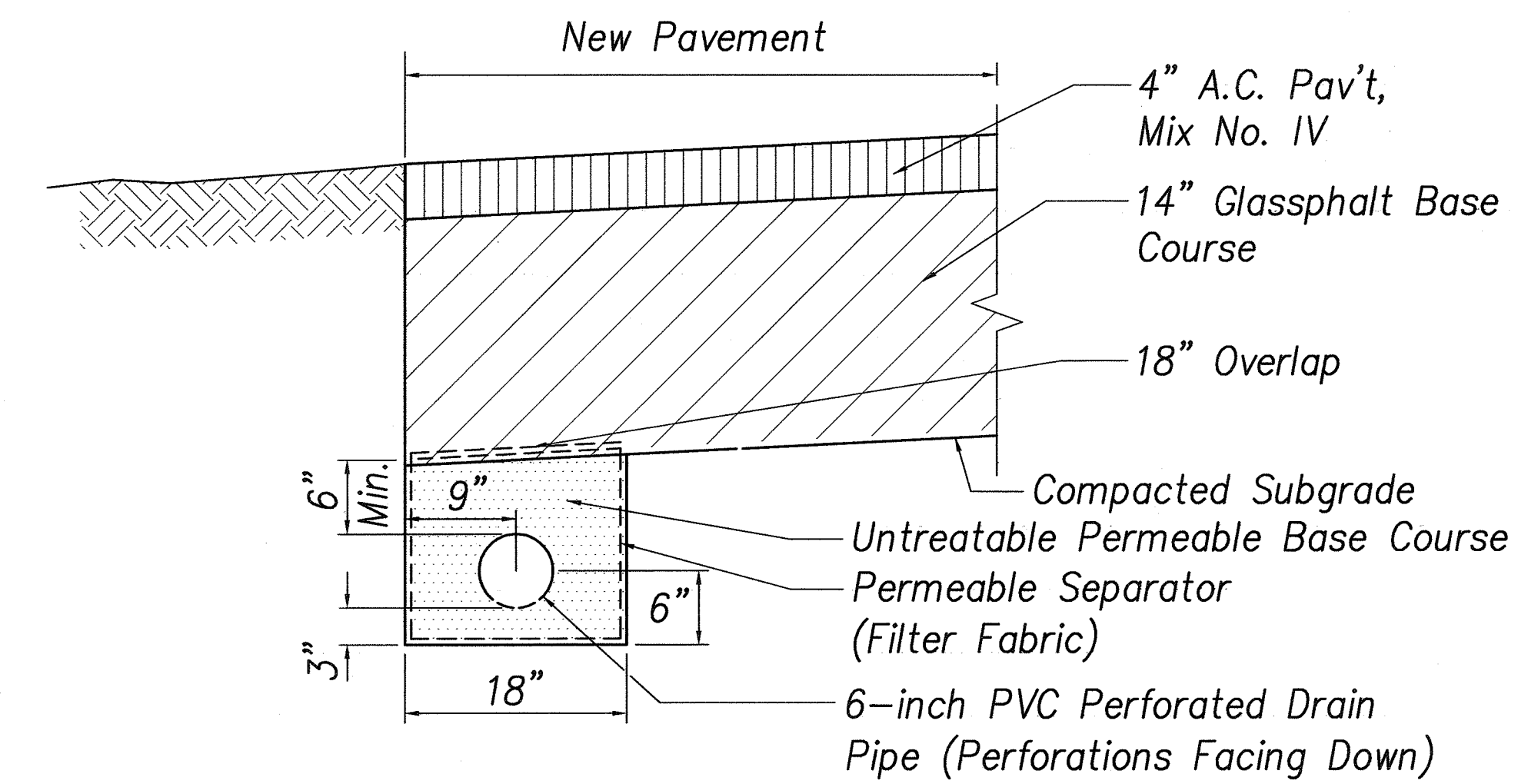
See Sht. C-14 for Limits of-  
Channel Wall Adjustment and  
Struct. Dwgs. for Details

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____

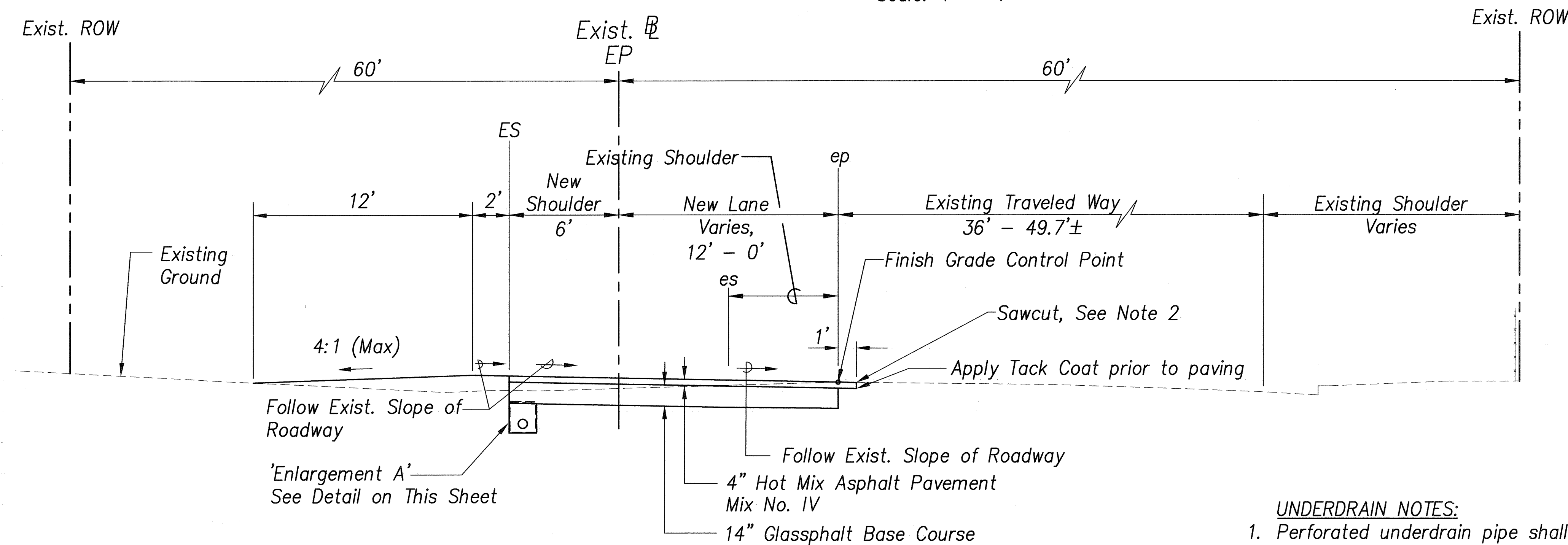
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(60)	2007	8	90



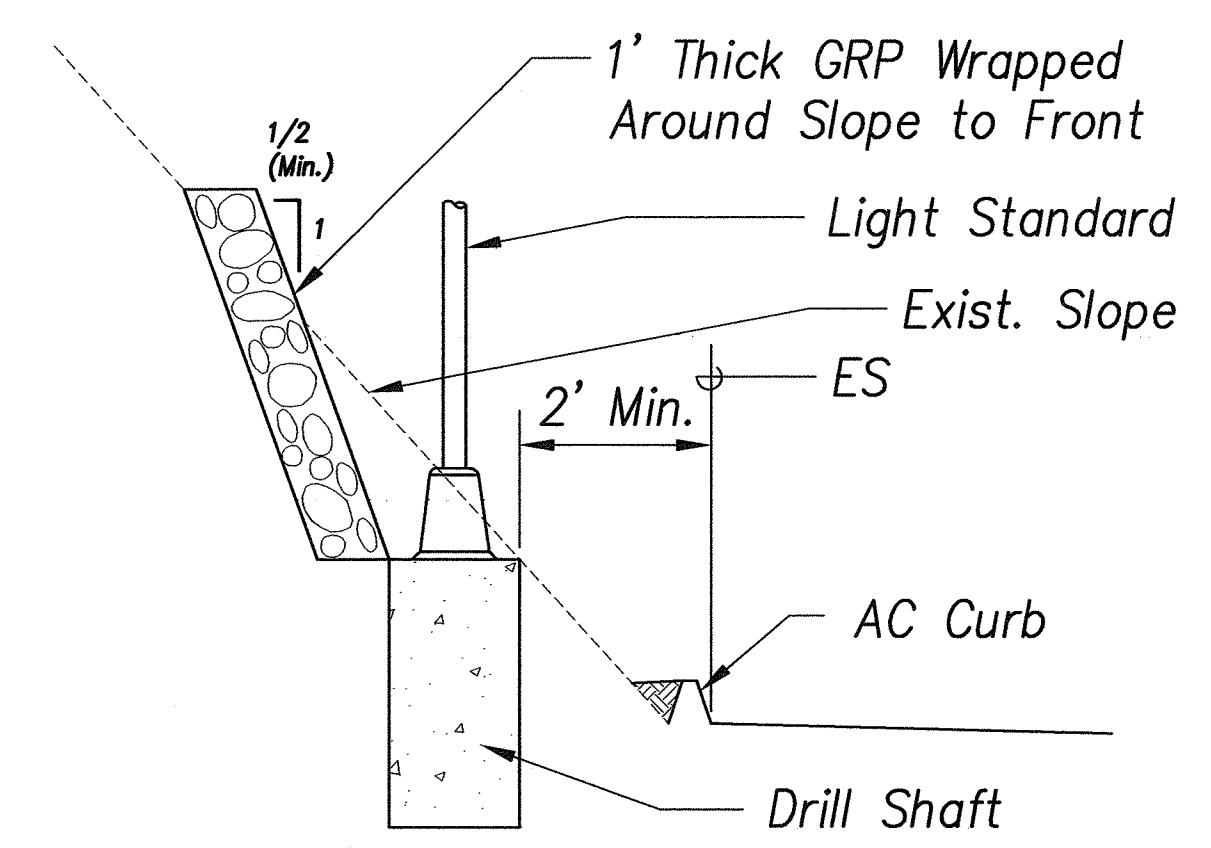
**TYPICAL SECTION – KAHEKILI HIGHWAY**  
**STA. 143+28.28 to STA. 144+00**  
 Scale: 1" = 4'



**ENLARGEMENT A (TYP.)**  
 Not to Scale



**TYPICAL SECTION – KAHEKILI HIGHWAY**  
**STA. 146+40 to STA. 156+09.79**  
 Scale: 1" = 4'



**SECTION – LIGHT POLE ON SLOPE INSTALLATION**  
 Scale: 1/2" = 1'-0"

**NOTES:**

- Subgrade soils shall be scarified to a depth of at least 8", moisture-conditioned to at least 2 percent above the optimum moisture content, and recompact to a minimum of 95 percent relative compaction.

**UNDERDRAIN NOTES:**

- Perforated underdrain pipe shall be set to drain.
- Ends of underdrain pipe shall have a solid cap or cleanout.
- Outlets, caps, tees, wyes, bends and other fittings shall be incidental to the various contract items.

KENNETH O. MACAL  
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 No. 3285-C  
 HAWAII, U.S.A.  
 APRIL 30, 2008  
 EXPIRATION DATE OF LICENSE  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL SECTIONS – 2**  
**KAHEKILI HIGHWAY**  
KAHEKILI HIGHWAY INTERSECTION IMPROVEMENTS  
VICINITY OF HUI IWA STREET  
FEDERAL-AID PROJECT NO. NH-083-1(60)

SCALE: AS NOTED  
DATE: April 2007  
**SHEET No. C-6 OF 90 SHEETS**

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