

Technical drawing of a shield-shaped highway sign for Interstate Hawaii. The sign features a black top section with "INTERSTATE" in white, a red rectangular label "RED", a blue section with "HAWAII" in white, and a large white "H-1" on a black background. Dimensions a through r are indicated. A "SERIES D" label is present on the right side of the shield.

Technical drawing of a roof truss structure. The drawing shows a cross-section of a roof with a 45° pitch. The truss is supported by a base with a 3'-0" span. The roof is covered with a 3/4" Waterproof panel. The truss members are labeled as 2"x4" Braces, 3-1"x3" Pegs, and 3-2"x4" Braces. The base is supported by 3-1"x3" Pegs. The drawing includes dimensions for the span (3'-0"), the height (12"), and the angle (45°). The roof pitch is indicated as 45°. The base is supported by 3-1"x3" Pegs. The drawing includes dimensions for the span (3'-0"), the height (12"), and the angle (45°). The roof pitch is indicated as 45°. The base is supported by 3-1"x3" Pegs.

Technical drawing of a waterproof panel assembly. The drawing shows a rectangular panel labeled "3/4\" Waterproof panel". The overall dimensions are 13'-0" wide and 9'-0" high. The panel is divided into three horizontal sections by two horizontal lines, each labeled "3'-0\". The top section is 3" high, and the bottom section is 3'-0" high. The panel is supported by a base structure consisting of two vertical "2\" x 4\" Braces" and a horizontal "2\" x 6\" x 6'-0\" beam". The panel is secured to the base by two "2\" x 6\" bolts". The drawing includes various dimension lines and labels indicating the size and placement of the components.

ELEVATIONS

Scale: $\frac{1}{2}" = 1'-0"$

YOUR HIGHWAY TAXES AT WORK

**FEDERAL HIGHWAY
TRUST FUNDS**

\$ 0,000,000

**U.S. DEPT. OF COMMERCE
Bureau of Public Roads**

**STATE HIGHWAY
FUNDS**

\$ 000,000

**DEPT. OF TRANSPORTATION
HIGHWAYS DIVISION**

PROJECT SIGN PANEL
Scale: $\frac{3}{4}" = 1'-0"$

1. The Contractor shall construct, install and maintain the Project Signs, at the locations shown on the plans and as ordered by the Engineer.
2. All costs incurred in the construction, installation, and maintenance of the Signs, will not be paid for separately, but shall be considered as included in the unit price paid for the various items in the proposal.
3. The signs shall be removed and stockpiled at the completion of the Project as ordered by the Engineer and are to become State Property.
4. The exact figures for the various funds involved will be furnished the Contractor for incorporation in the sign.
5. The legend shall be black on white background except for the interstate route marker which shall be as shown on this sheet.
6. All letters shall be of size and design shown and shall conform with "Standard Alphabets for Highway Signs" Bureau of Public Roads, 1952. Use Series "C" letters unless otherwise noted.

()	a	b	c	d	e	f	g	h	j	k	l	m	n	p	q
1	1 8	2 1	13 ¹ / ₈	12 ⁹ / ₁₆	9 ³ / ₁₆	1 ²⁵ / ₃₂	1 ⁷ / ₈ C	³ / ₄	⁹ / ₁₆	1 ¹ / ₈ D	1 ¹ / ₃₂	6	4 ⁵ / ₁₆	2 ¹ / ₁₆	12 ⁷ / ₁₆
2	2 4	2 4	1 5	14 ⁷ / ₈	8 ⁵ / ₈	2 ³ / ₈	2 ¹ / ₂ C	1	³ / ₄	1 ¹ / ₂ D	1 ³ / ₈	8	5 ³ / ₄	2 ⁷ / ₈	14 ⁵ / ₈
3	3 6	3 6	22 ¹ / ₂	22 ⁵ / ₁₆	12 ¹⁵ / ₁₆	3 ⁹ / ₁₆	3 ³ / ₄ C	1 ¹ / ₂	1 ¹ / ₈	2 ¹ / ₄ D	2 ¹ / ₁₆	12	8 ⁵ / ₈	4 ⁵ / ₁₆	21 ¹⁵ / ₁₆

1. The shape, color, dimensions, symbols, wording, lettering and reflectorizing of all signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated June 1961 and the BPR manual "Standard Highway Signs, dated September 1961, unless otherwise specified.
2. All letters and figures shall conform to the manual "Standard Alphabets for Highway Signs," Dept. of Commerce, Bureau of Public Roads, 1952.
3. All markers shall be reflectorized unless otherwise specified.
4. All markers shall have 3/8" bolt holes drilled at appropriate locations unless otherwise specified.
5. The Interstate Route Marker shall be a cut-out shield, in a red, white and blue design as shown on the plans.

Scale: As Shown

PROJECT IDENTIFICATION
SIGN

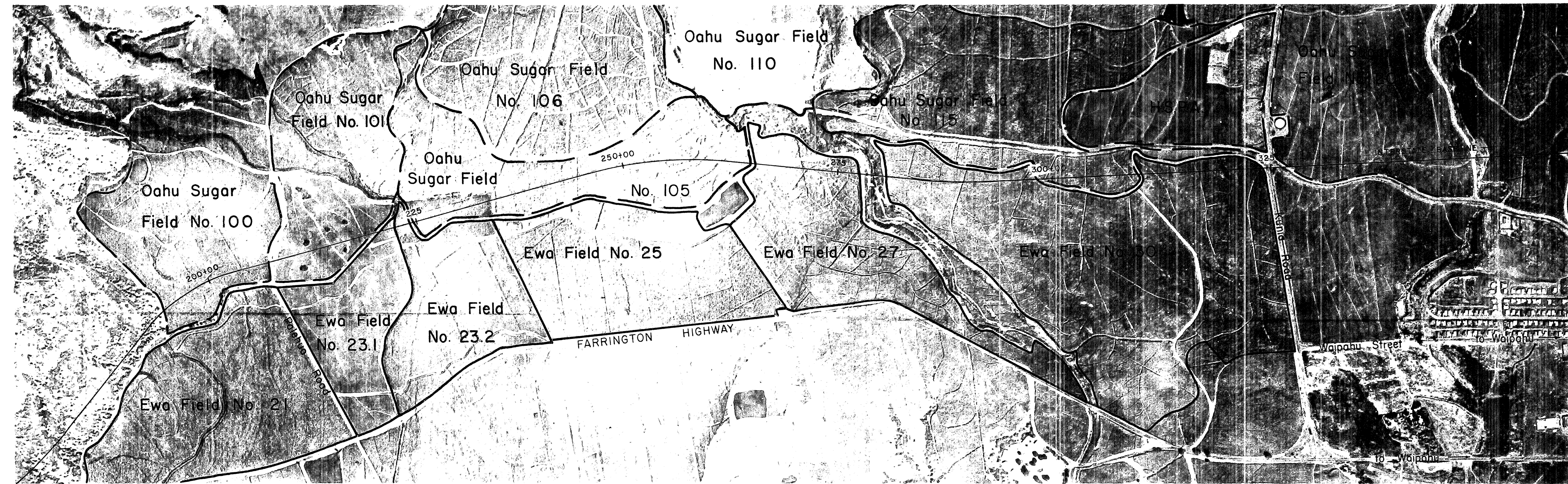
Scale: As Shown Date: _____

SHEET No. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(18)	1965	20	124

LEGEND:

- Denotes Hawaiian Sugar Planters' Association's field boundary.
- Denotes Oahu Sugar Company's field boundary.
- Denotes Ewa Plantation Company's field boundary.



DESIGNATION OF PLANTATION CANE FIELDS AFFECTED BY CONSTRUCTION

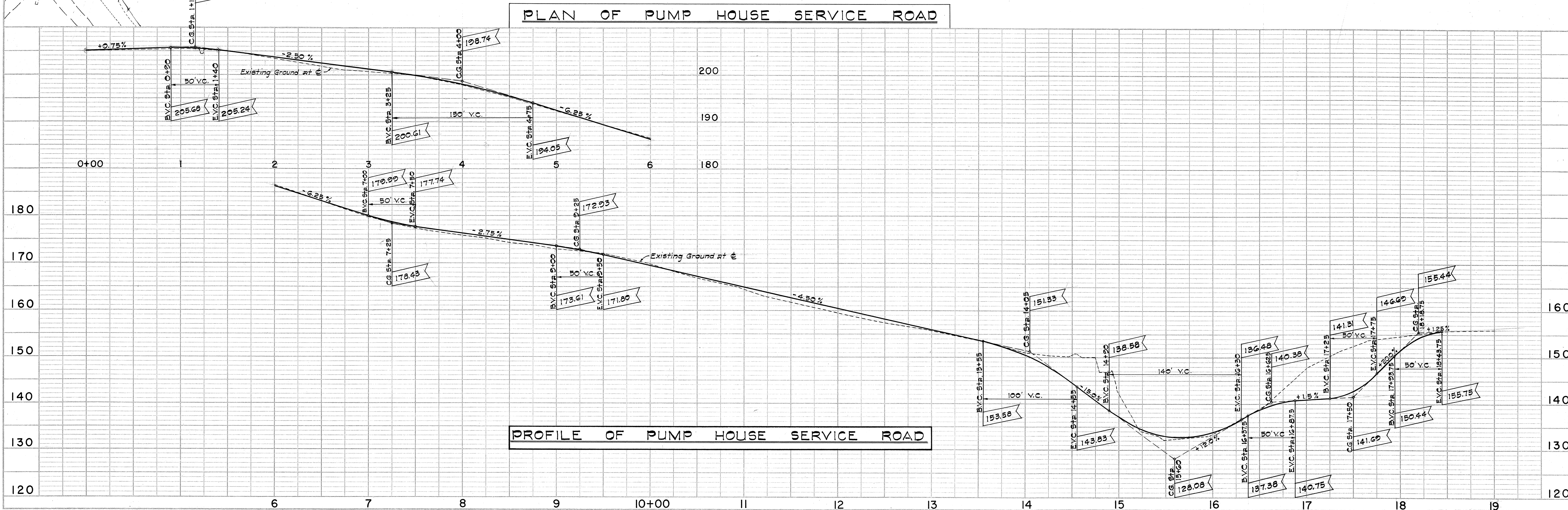
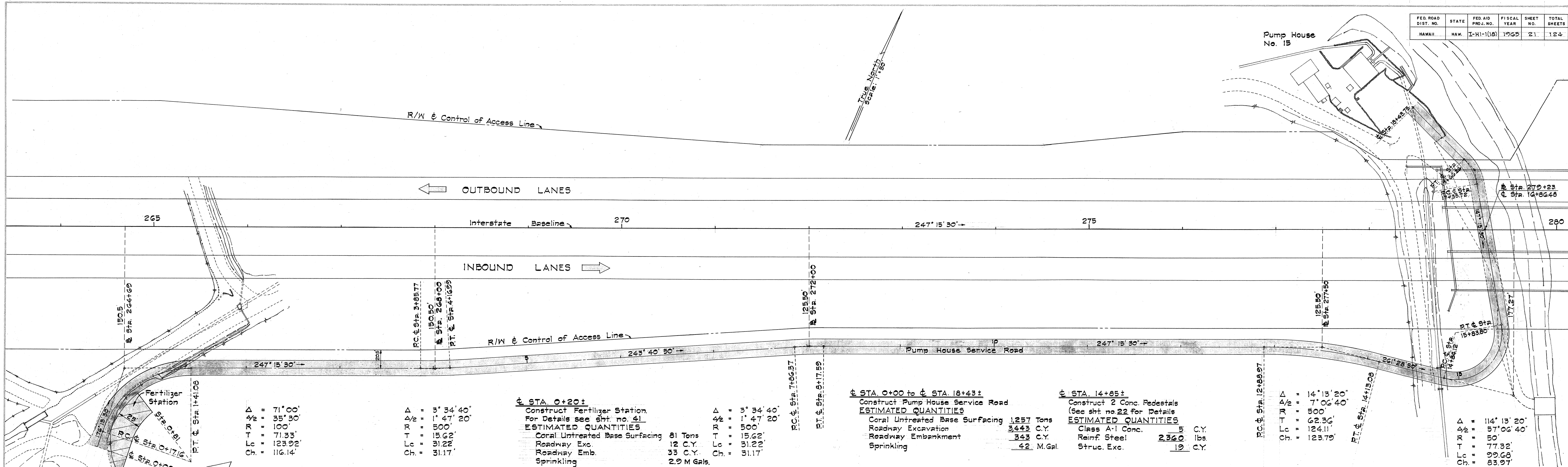
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY DETAIL	
DESIGNATION OF PLANTATION CANE FIELD	
INTERSTATE ROUTE H-1 F.A.I. Proj. No. I-HI-1(18)	
Scale: as shown	Date:
SHEET No. 2 OF 6 SHEETS	

20

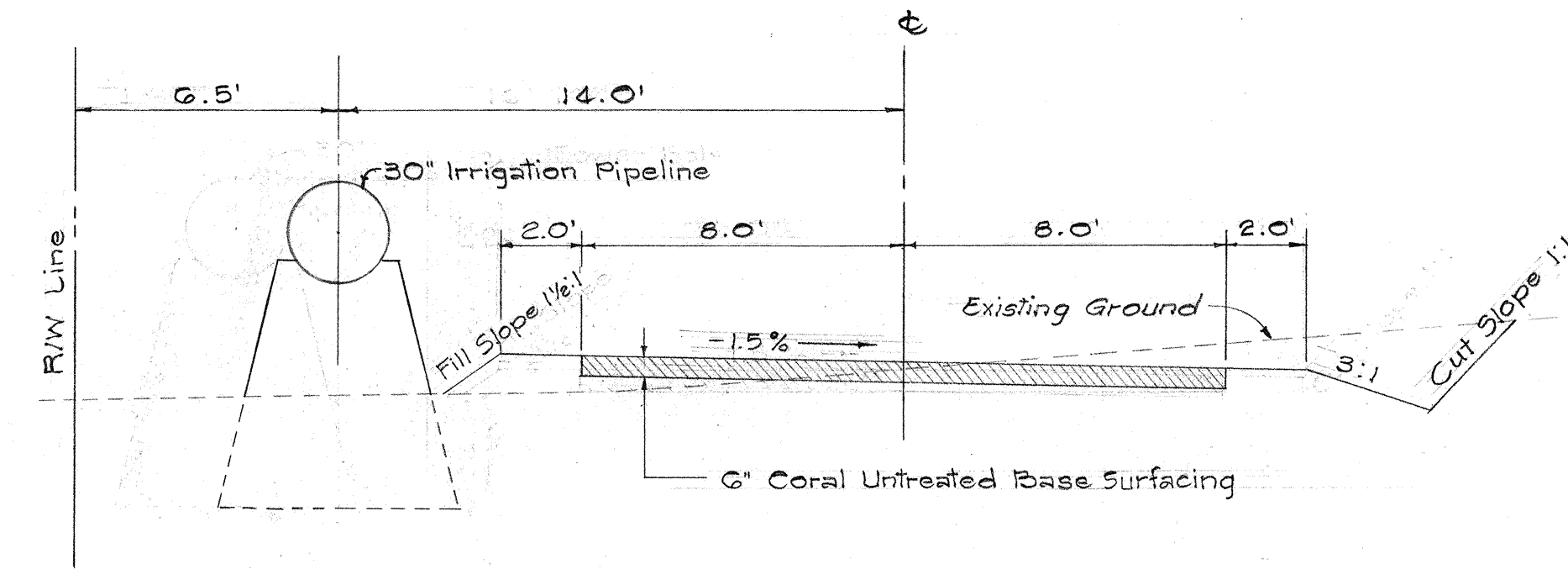
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-11-1(18)	1965	21	124

PLAN	SURVEYED	DATE
NOTE BOOK NO.	BY	
ALIGNED CHECKED		
BY		

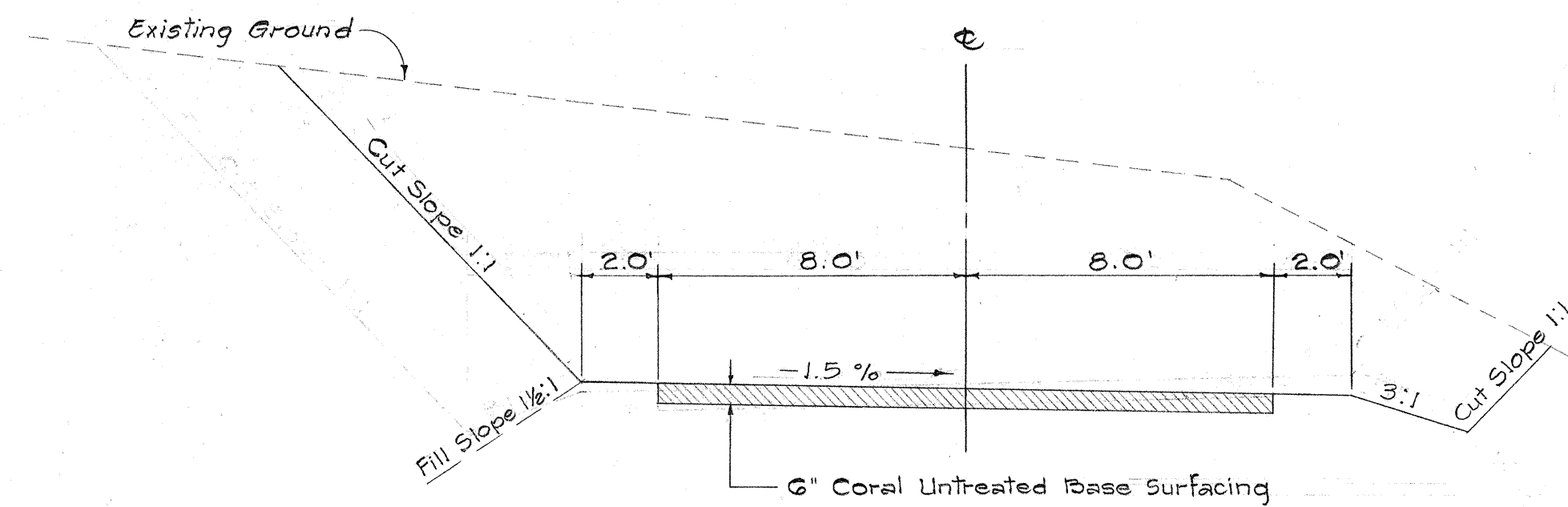
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	BY	
GRADES CHECKED		
STRUCTURE NOTATIONS CH'G.		



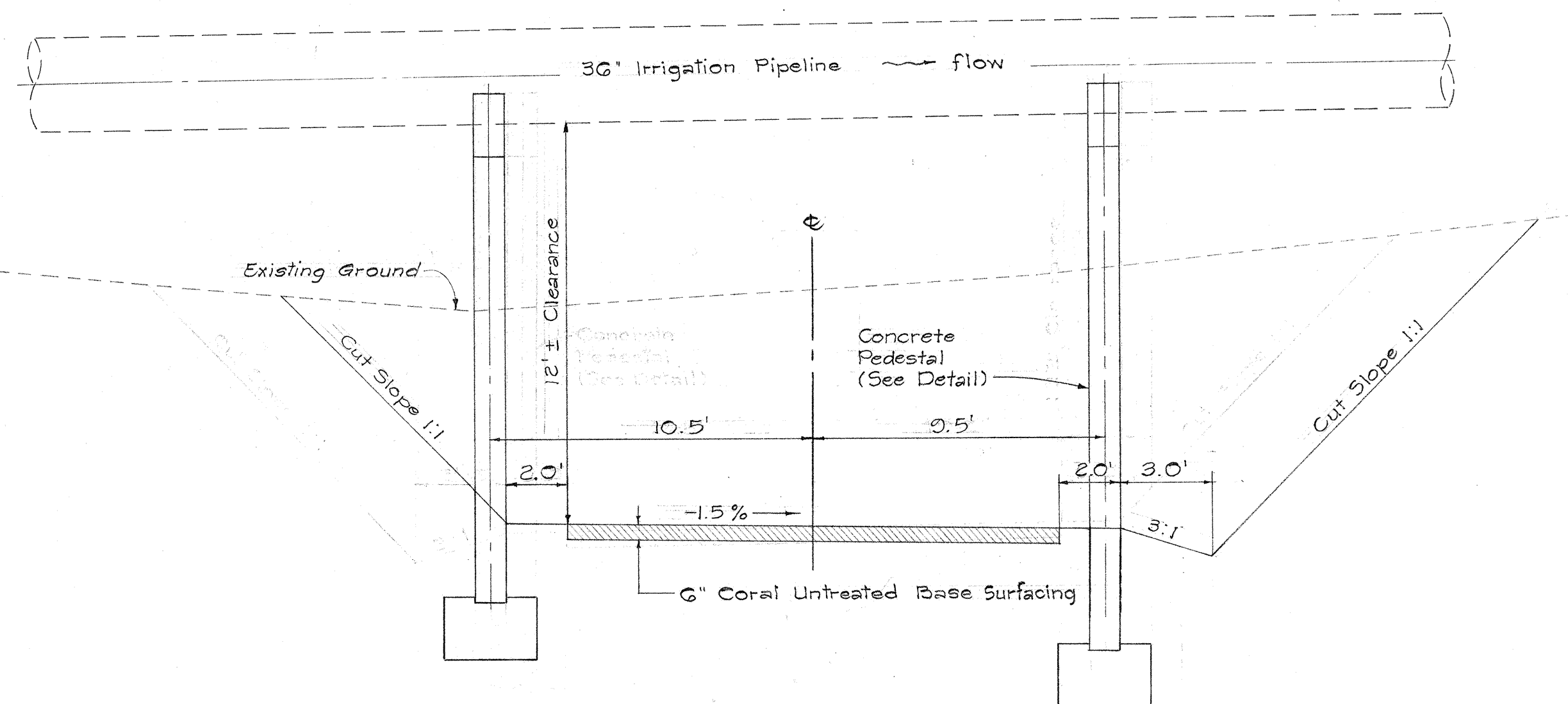
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(18)	1965	22	124



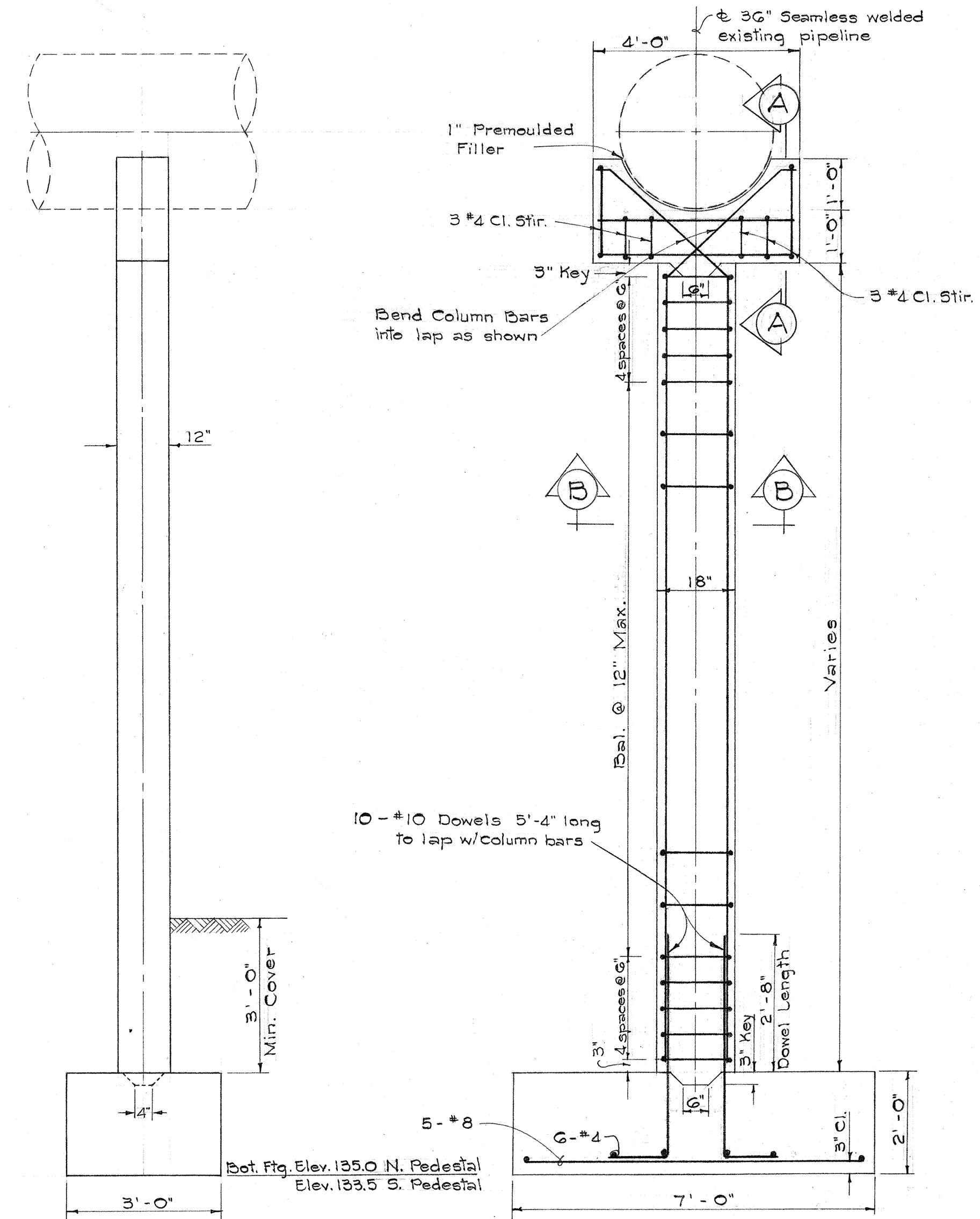
TYPICAL SECTION
 ± Sta. 0+40 ± to ± Sta. 13+00 ±
 Scale: 1/4" = 1'-0"



TYPICAL SECTION
 ± Sta. 13+00 ± to ± Sta. 18+44 ±
 Scale: 1/4" = 1'-0"



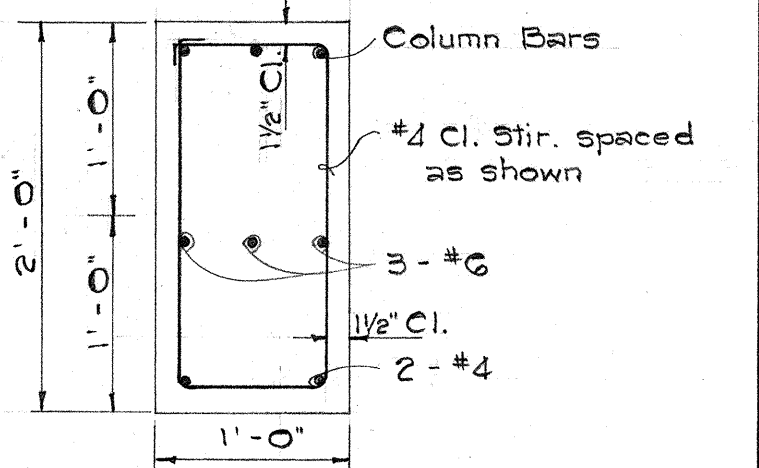
SECTION @ Sta. 14+85 ±
 Scale: 1/4" = 1'-0"



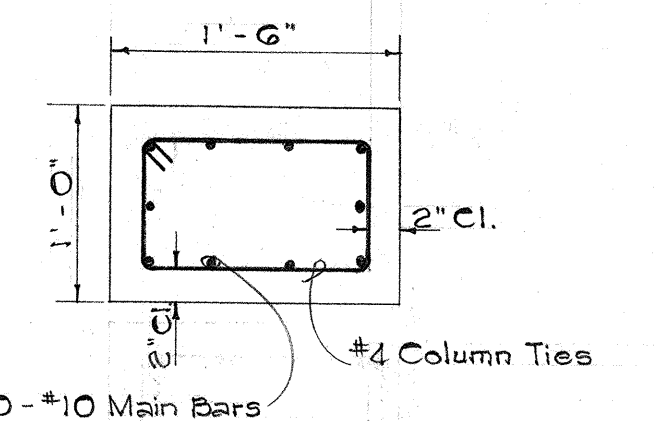
ELEVATION
 Scale: 1/2" = 1'-0"

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

CONCRETE PEDESTAL DETAILS
 Scale: As Noted



SECTION "A-A"
 Scale: 1" = 1'-0"



SECTION "B-B"
 Scale: 1" = 1'-0"

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PUMP HOUSE
SERVICE ROAD DETAILS

INTERSTATE ROUTE H-1
 Proj. No. I-HI-1(18)

Scale: As Shown Date: Dec. 1964

SHEET No. 4 OF 6 SHEETS

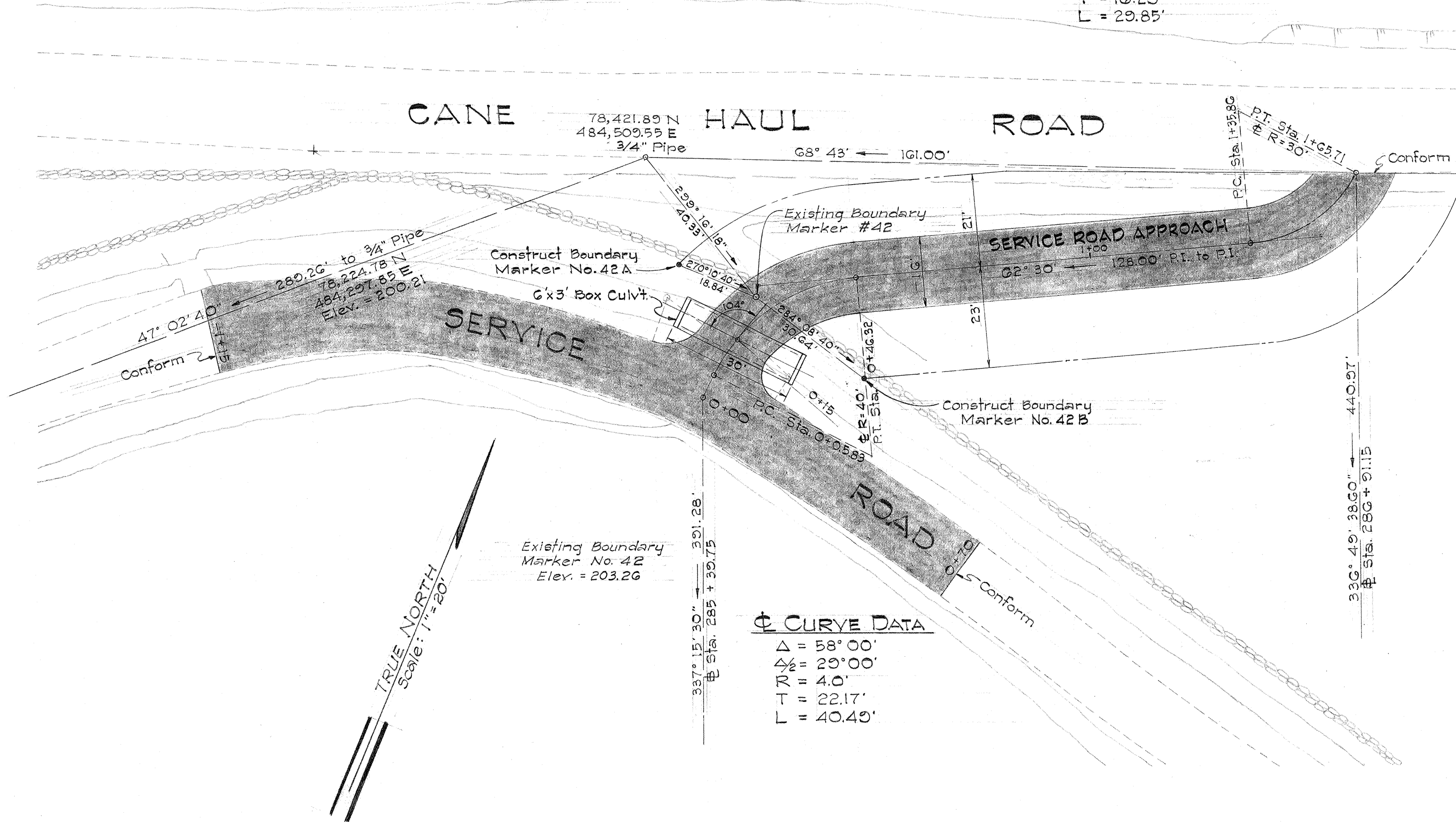
22

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

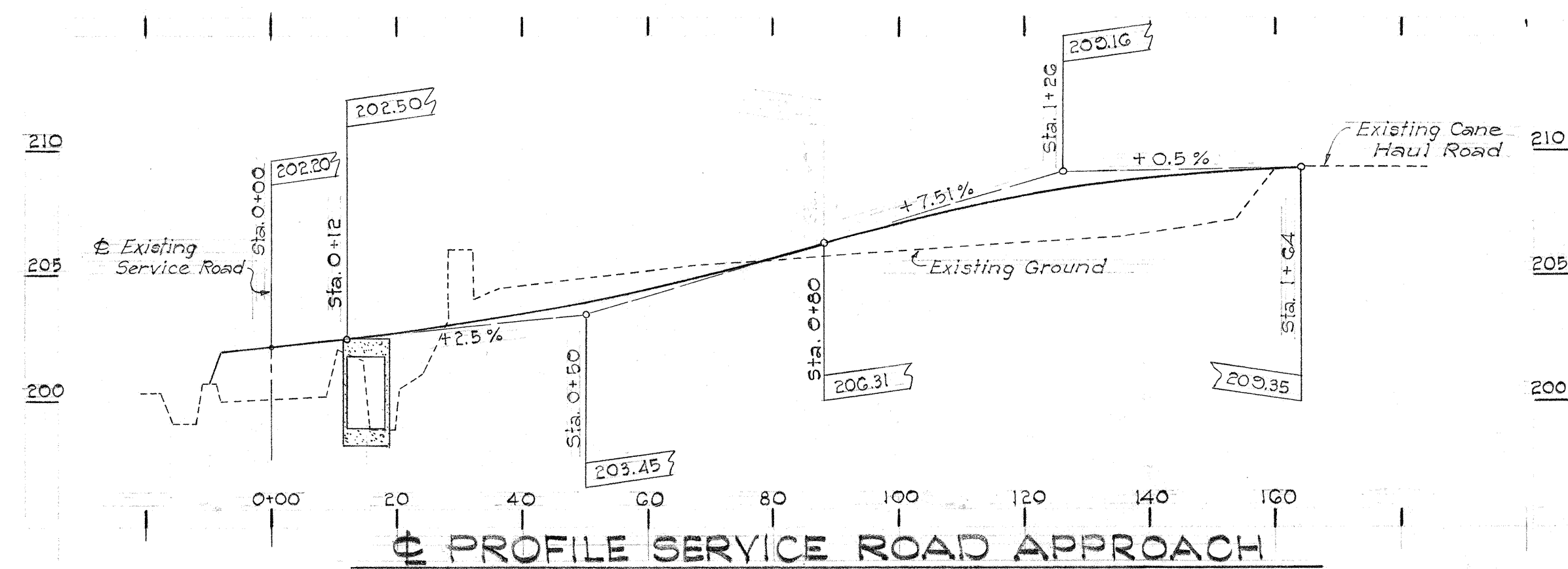
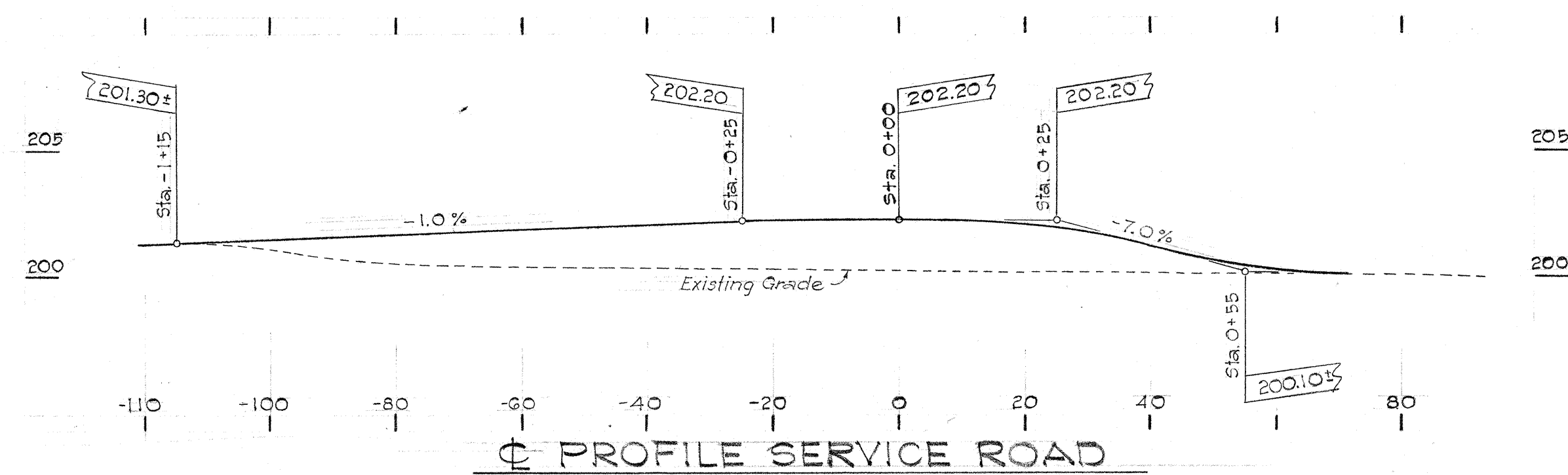
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2-HI-108	1965	23	124

Service Road Approach @ Sta. 0+20 ±
Construct two (2) Boundary Markers.
For Detail see Sht. no. 24.

☺ CURVE DATA
Δ = 57° 00'
4₂ = 28° 30'
R = 30'
T = 16.29'
L = 29.85'

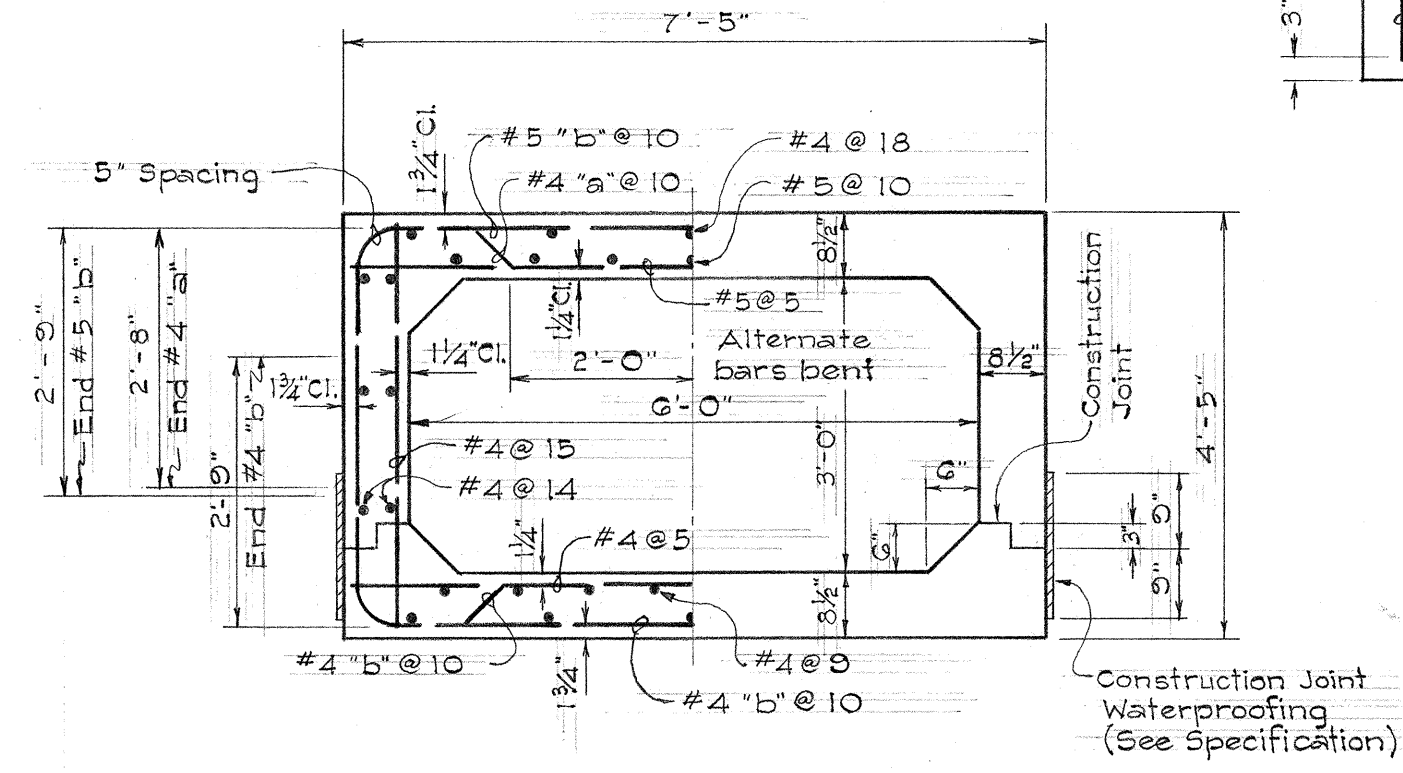


☺ CURVE DATA
Δ = 58° 00'
4₂ = 29° 00'
R = 4.0'
T = 22.17'
L = 40.45'

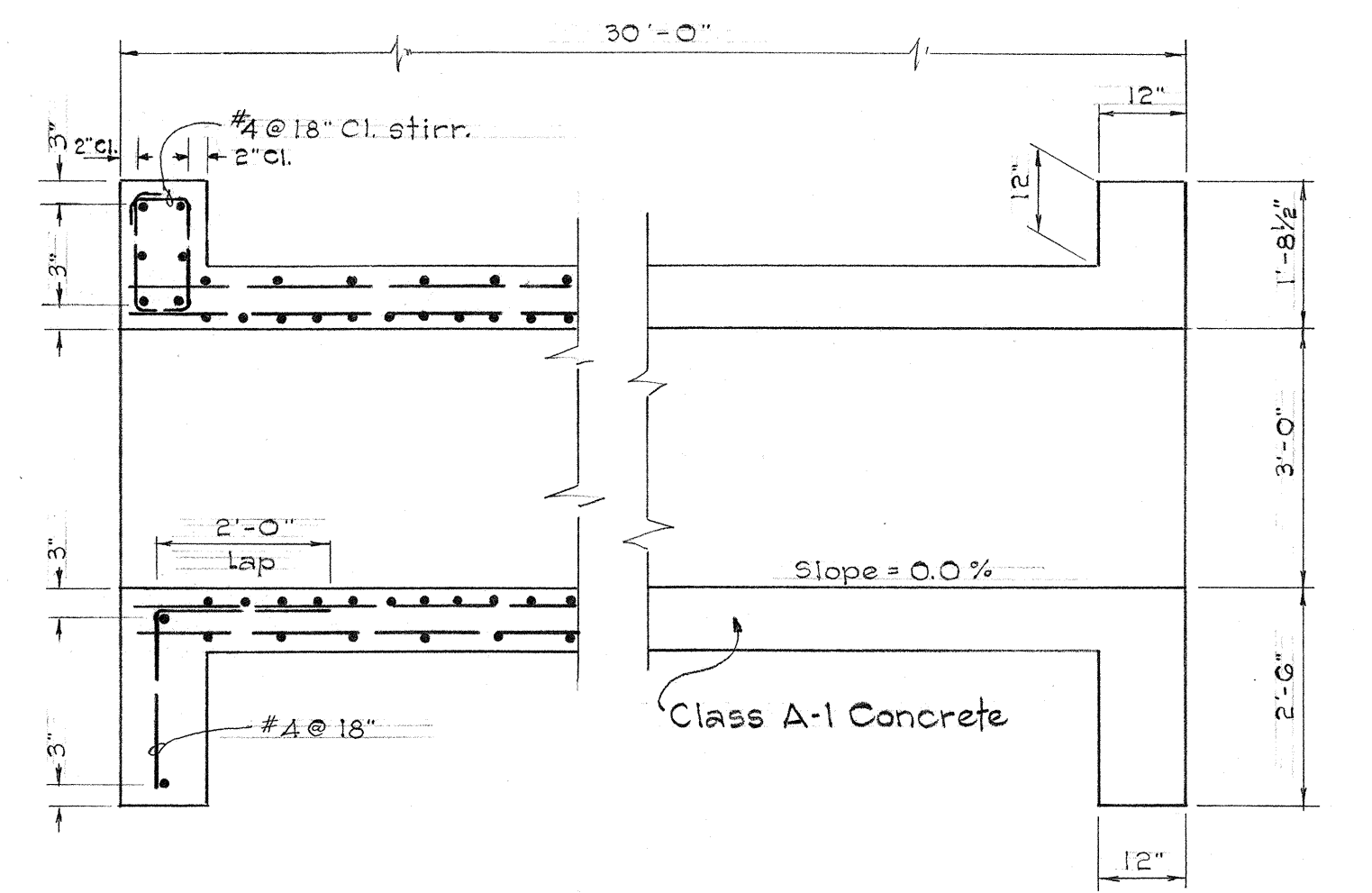


TYPE "a" BAR

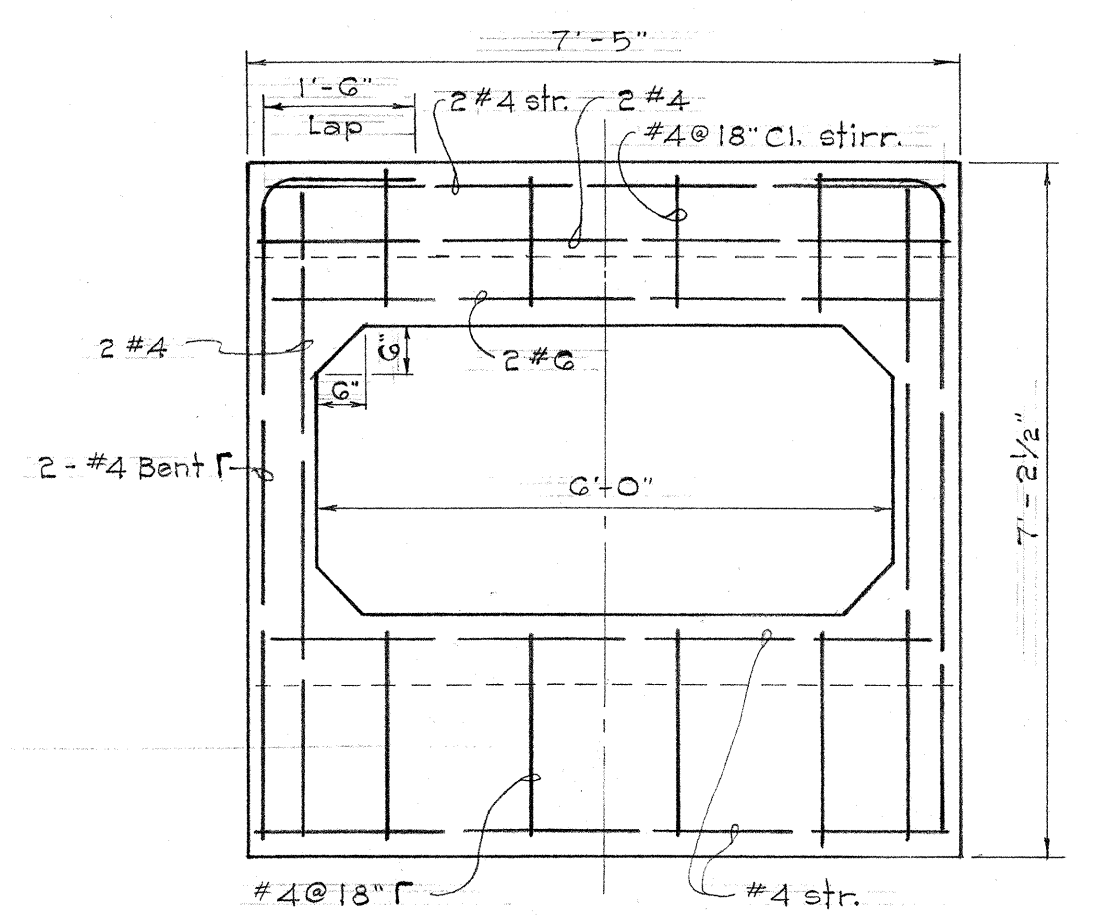
TYPE "b" BAR



TYPICAL SECTION



LONGITUDINAL SECTION



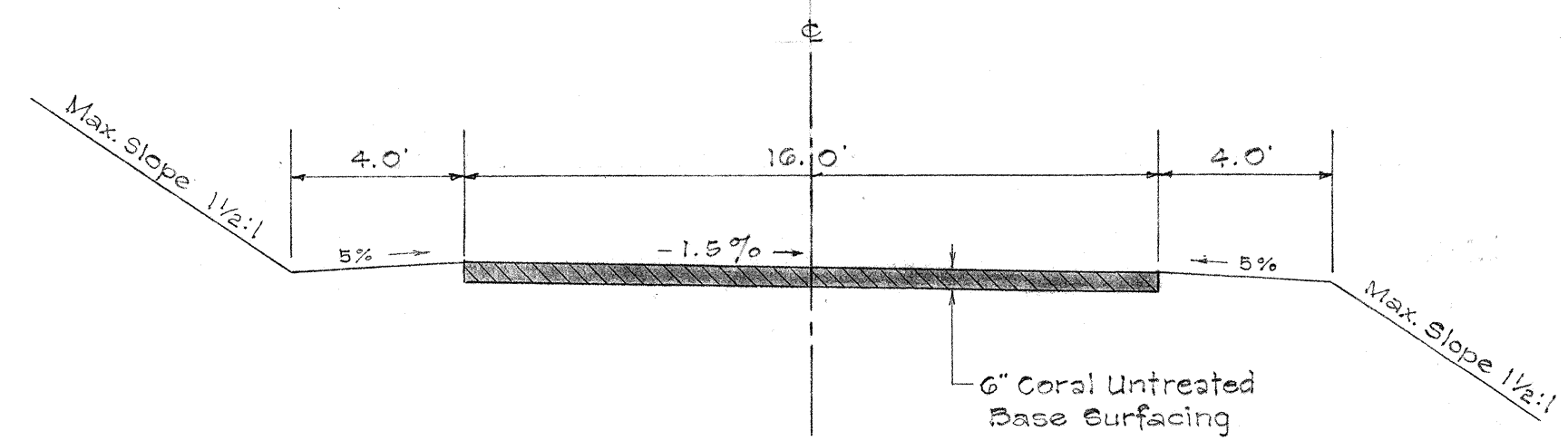
ELEVATION HEADWALL

6' x 3' BOX CULVERT DETAIL
Scale: 1/2" = 1'-0"

ESTIMATED QUANTITIES

Coral Untreated Base Surfacing	230	Tons
Roadway Exc.	70	c.y.
Roadway Emb.	210	c.y.
Sprinkling	116	M. Gals.
Class A-1 Concrete	Lump Sum	(185 c.y.)
Reinforcing Steel	Lump Sum	(2,800 lbs.)
Structure Exc.	88	c.y.
Boundary Marker	2	Each
	28.4	c.y.

TYPICAL SECTION
SERVICE ROAD
Scale: 1/4" = 1'-0"



TYPICAL SECTION
SERVICE ROAD APPROACH
Scale: 1/4" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY DETAILS
SERVICE ROAD APPROACH

INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1 (18)

Scale: As Shown Date: February 1965
SHEET No. 5 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(18)	1965	24	124

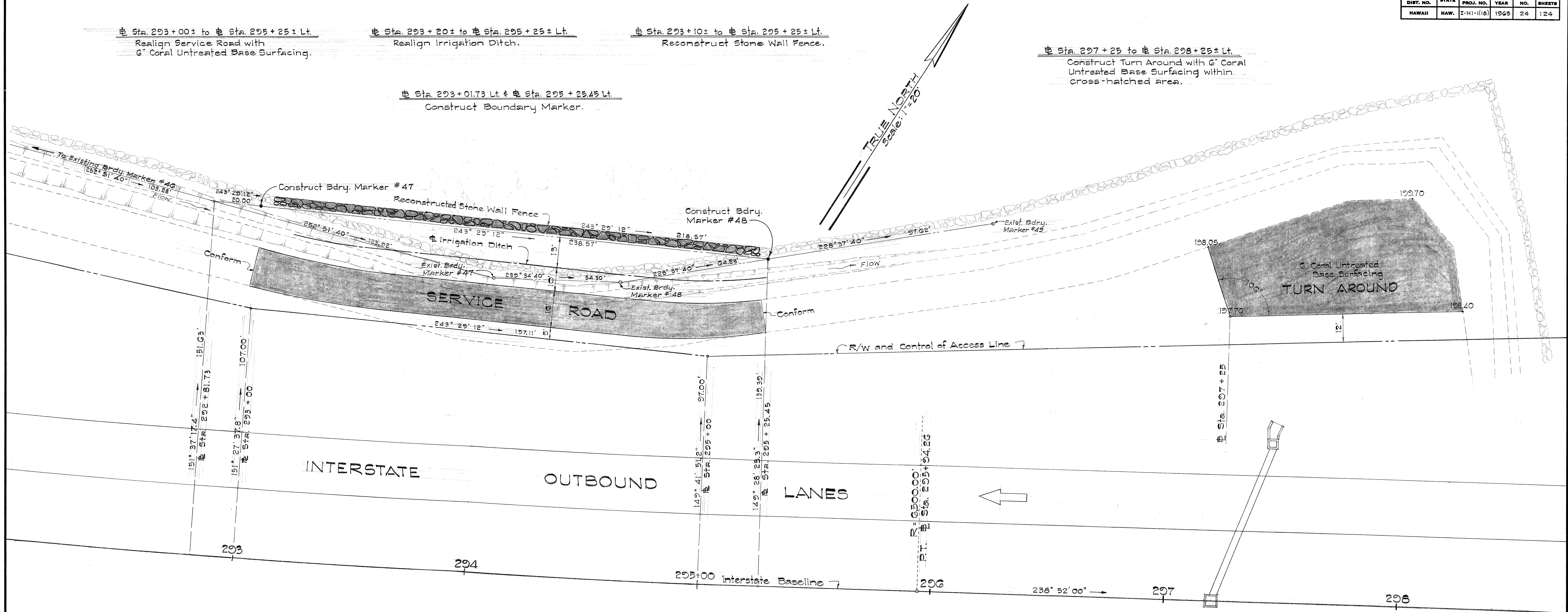
Sta. 293+00± to Sta. 295+25± Lt.
Realign Service Road with
6" Coral Untreated Base Surfacing.

Sta. 293+20± to Sta. 295+25± Lt.
Realign Irrigation Ditch.

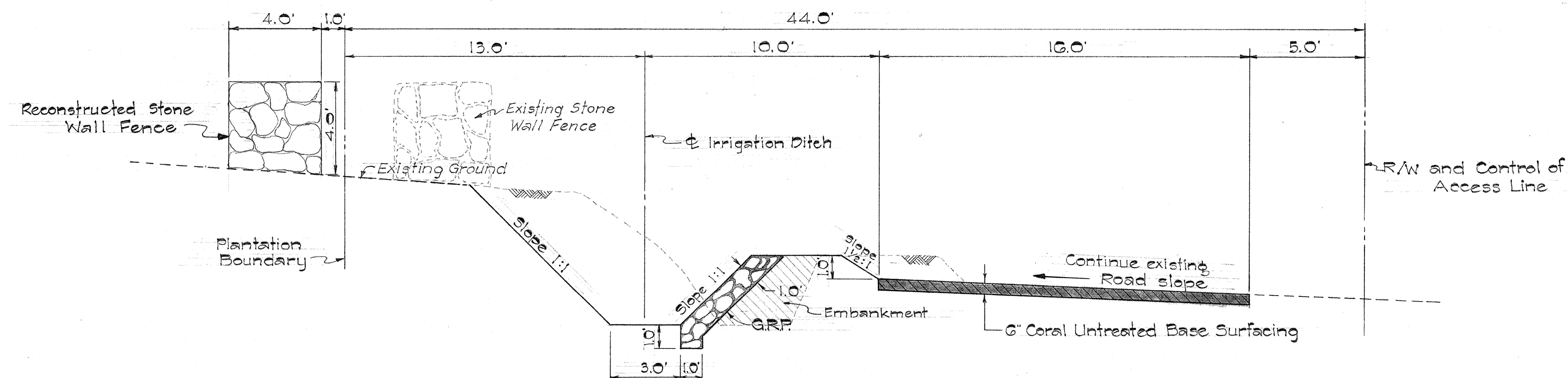
Sta. 293+10± to Sta. 295+25± Lt.
Reconstruct Stone Wall Fence.

Sta. 293+01.73 Lt. & Sta. 295+25.45 Lt.
Construct Boundary Marker.

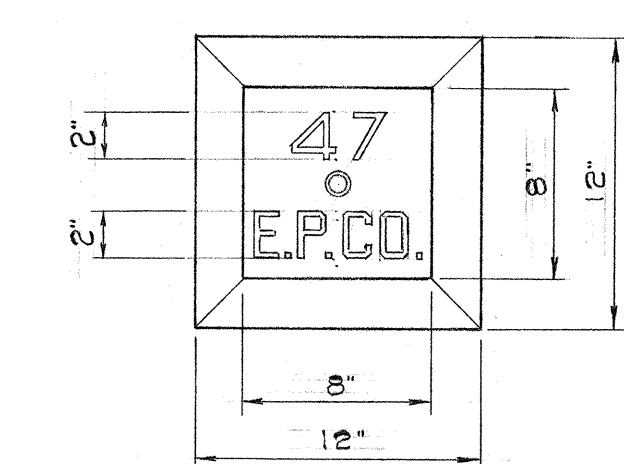
Sta. 297+25 to Sta. 298+25± Lt.
Construct Turn Around with 6" Coral
Untreated Base Surfacing within
cross-hatched area.



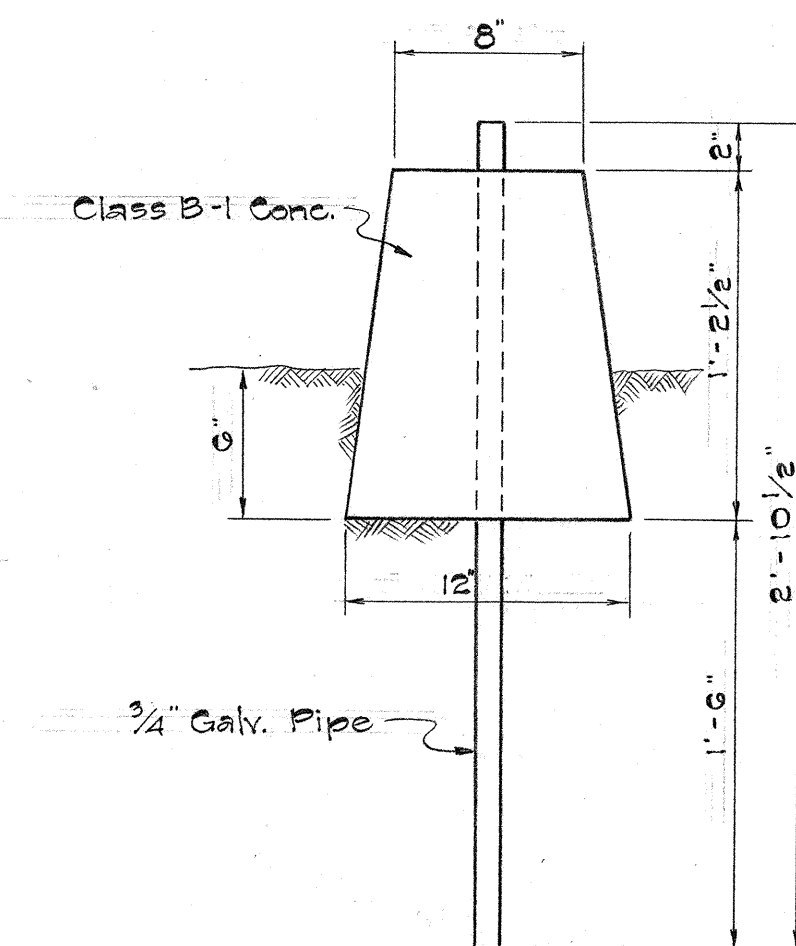
NOTE:
Numbers to be inscribed on
Boundary Markers shall be
as shown on plan.



TYPICAL SECTION
Scale: 1/4" = 1'-0"



PLAN



ELEVATION

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

ESTIMATED QUANTITIES

Coral Untreated Base Surfacing	336	Tons
Roadway Exc.	85	c.y.
Roadway Emb.	86	c.y.
Sprinkling	11	M. Gals.
Ditch & Channel Exc.	41	c.y. 143.7 c.y.
Grouted Rubble Paving	41	c.y. 28.7 c.y.
Reconstructed Stone Wall Fence	125	c.y. 132 c.y.
Boundary Marker	2	Each

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY DETAILS
SERVICE ROAD REALIGNMENT
AND TURN AROUND AT
Sta. 294+00
INTERSTATE ROUTE W-1
F.A.I. Proj. No. I-HI-1(18)

Scale: As Shown Date: February 1965
SHEET No. 6 OF 6 SHEETS

DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
NO.	_____