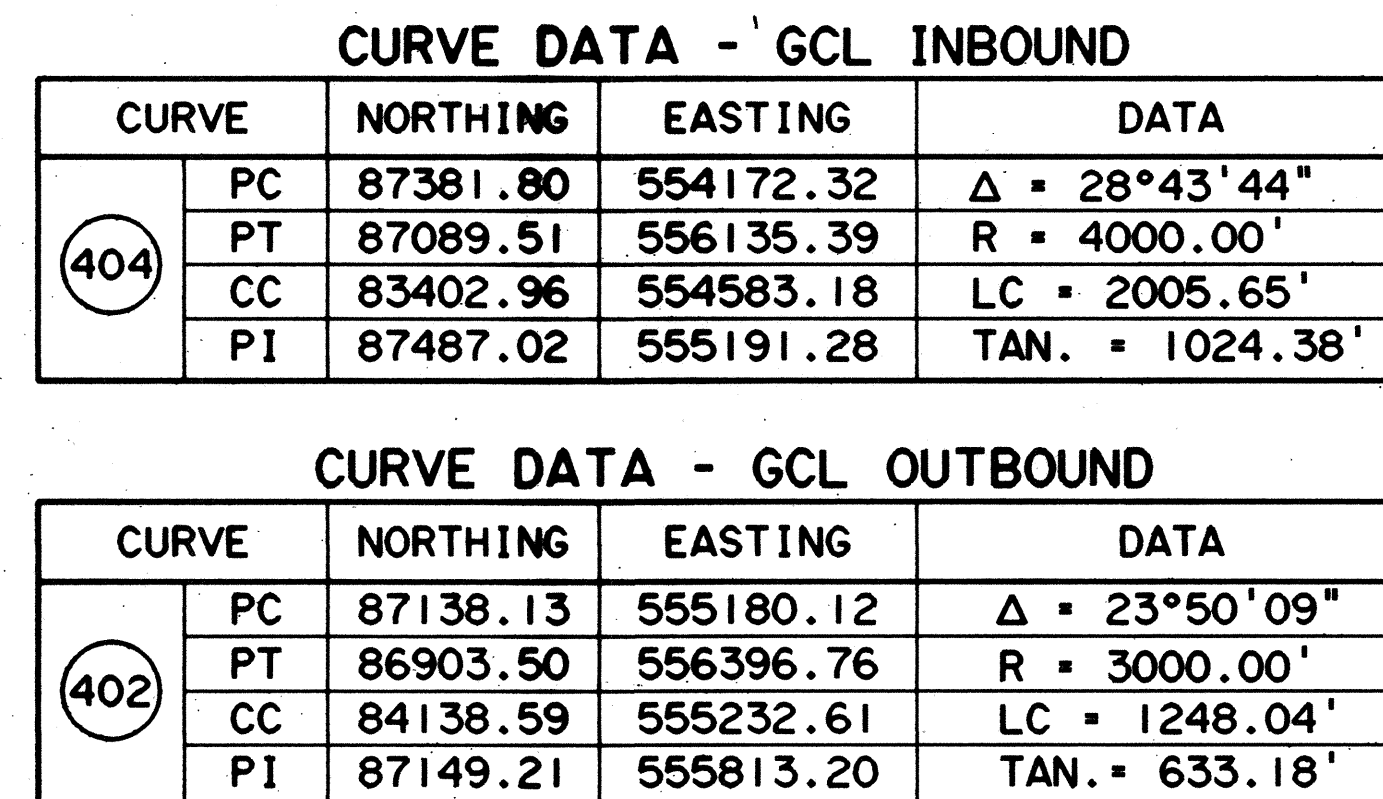
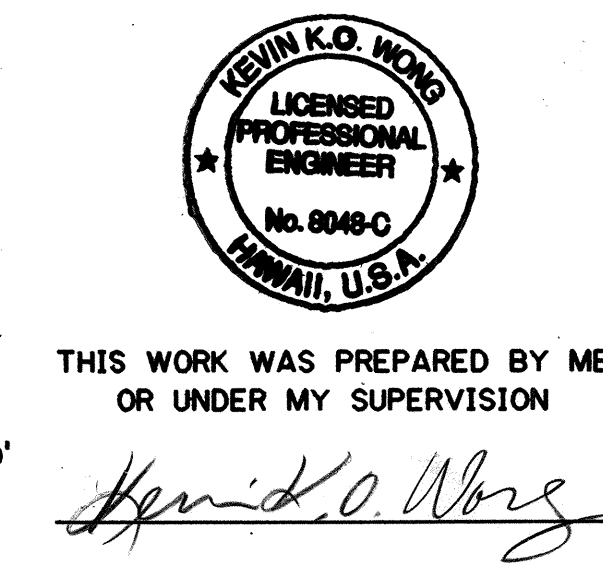


NOTE:
SEE NOTE ON SHEET NO. 6C1.



NOTE:
SEE NOTE ON SHEET NO. 6C1.



DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

GENERAL PLAN
AND PROFILE
HAIKU SITE FINISHES
H-3 FINISH (UNIT III)
FAIP NO. I-H3-1(75), UNIT III
T.K. TUNNEL / ACCESS ROADS

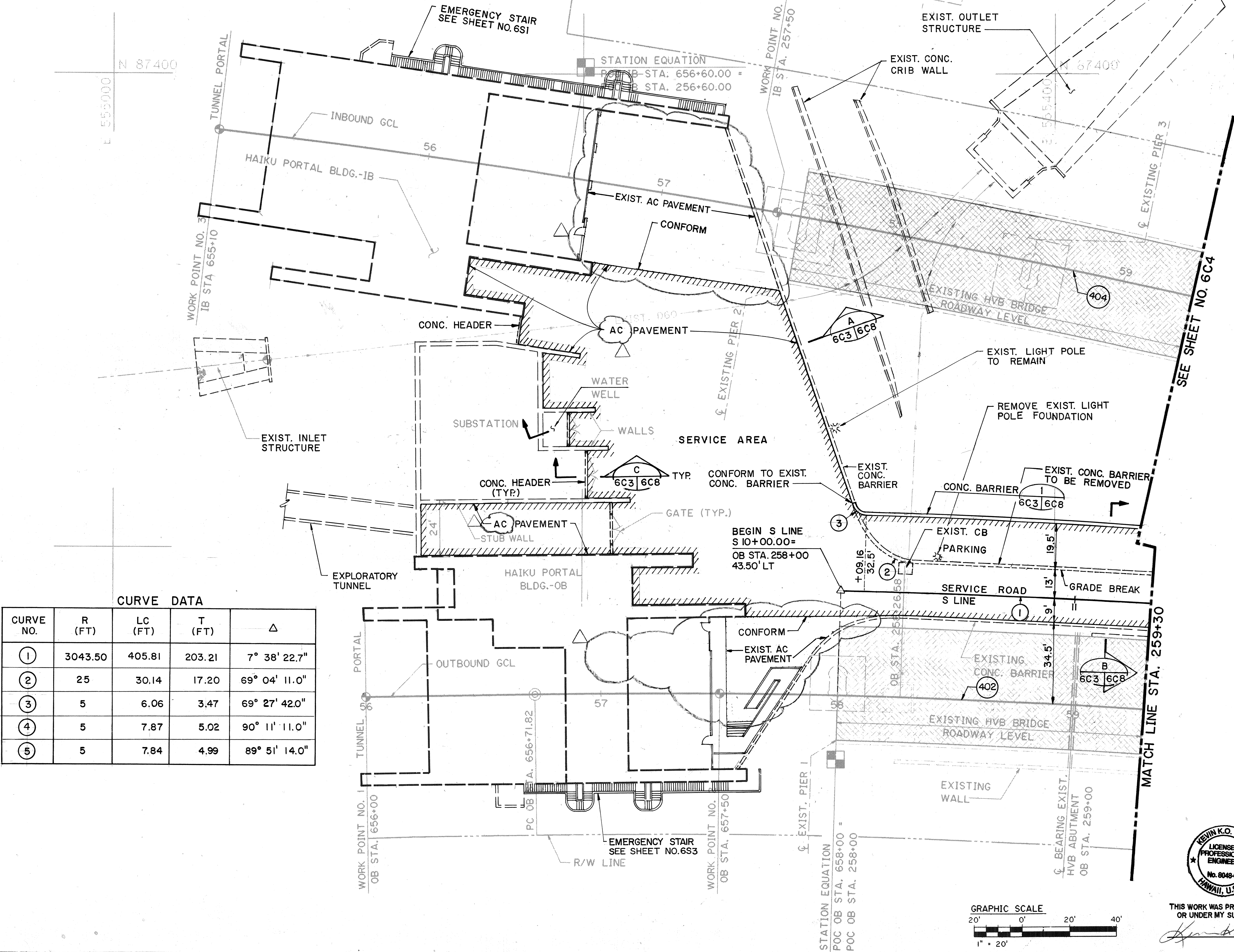
SCALE: AS NOTED
DATE: JUN. 1995

SHEET NO. 6C2
OF 11
SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	254	353

NOTES:

- FOR HORIZONTAL AND VERTICAL ALIGNMENT GEOMETRY OF INBOUND AND OUTBOUND TUNNELS, SEE SHEET NO. 6C2.
- FOR TYPICAL PAVEMENT SECTIONS, SEE SHEET NO. 6C8.

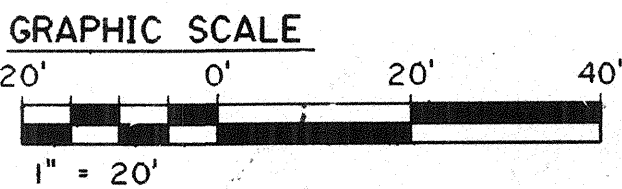


CURVE DATA				
CURVE NO.	R (FT)	LC (FT)	T (FT)	Δ
①	3043.50	405.81	203.21	7° 38' 22.7"
②	25	30.14	17.20	69° 04' 11.0"
③	5	6.06	3.47	69° 27' 42.0"
④	5	7.87	5.02	90° 11' 11.0"
⑤	5	7.84	4.99	89° 51' 14.0"

DATE	1/95
SURVEY PLOTTED BY	A. USISO
TRACED BY	G. TEBECKHORST
QUANTITIES BY	D. MANITI
CHECKED BY	
NO.	



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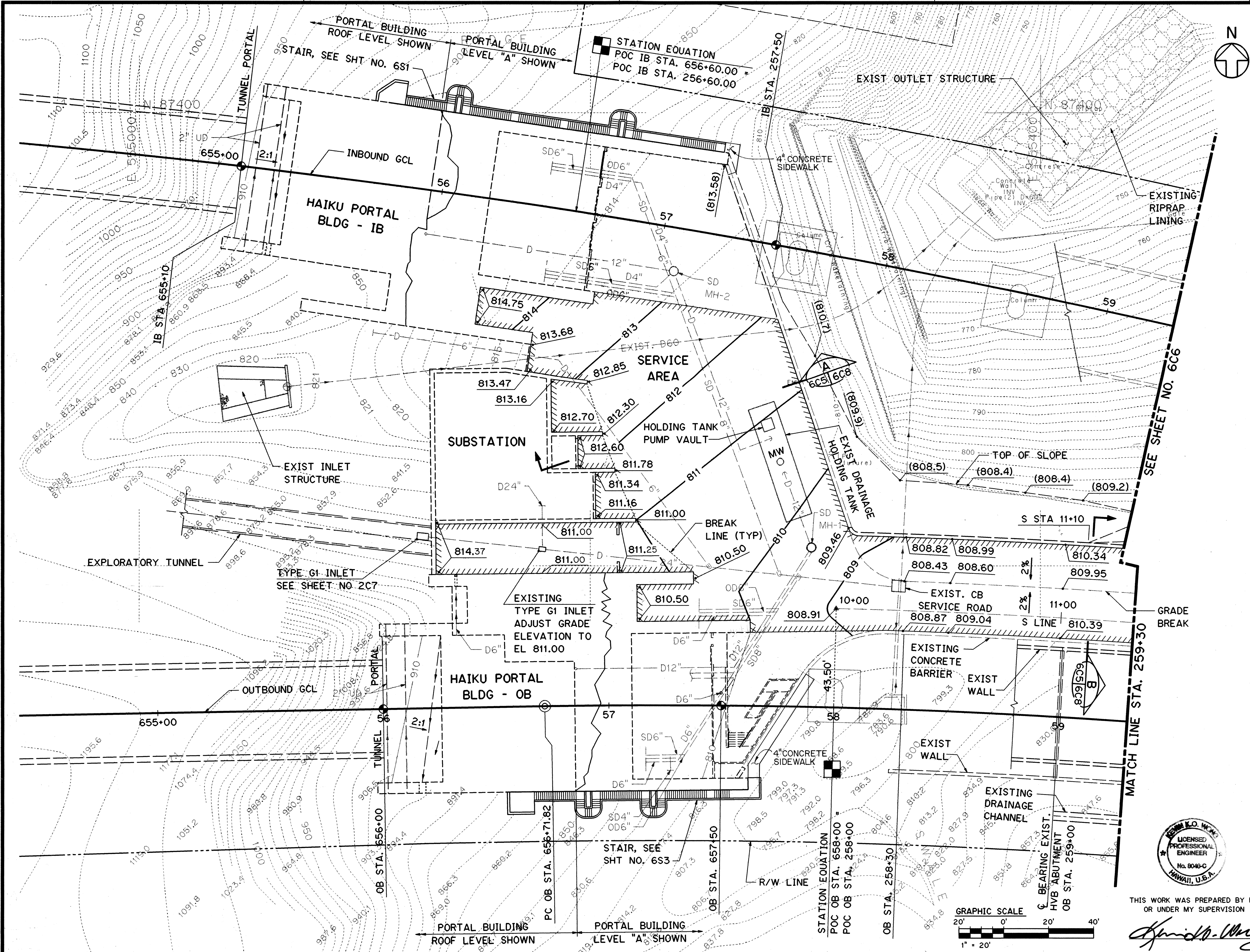
DATE	REVISION
5/12/97	DCN 75-018: DELETED REVISIONS MADE UNDER DCN 75-004
6/24/96	DCN 75-004 REVISED LIMITS OF AC AND PCC PAVING
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE PLAN - GEOMETRY - 1 HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: 1"=20'-0" DATE: JUN 1995	
SHEET NO. 6C3	OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	256	353

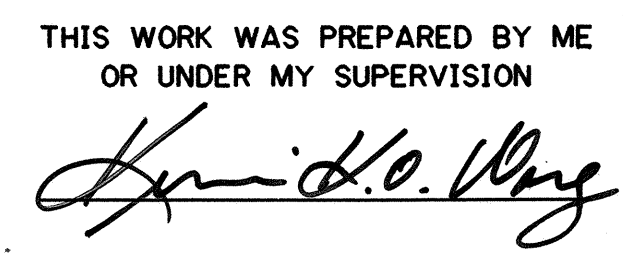
NOTES:

1. FOR HORIZONTAL AND VERTICAL ALIGNMENT GEOMETRY OF INBOUND AND OUTBOUND TUNNELS, SEE SHEET NO. 6C2.
2. FOR TYPICAL PAVEMENT SECTIONS, SEE SHEET NO. 6C8.
3. FOR ROADWAY GEOMETRY, SEE SHEET NOS. 6C3 AND 6C4.
4. FOR NEW STORM DRAINS SEE SHEET NO. 2C6.

SURVEY PLOTTED BY	DATE
DESIGNED BY	JAN 95
CHECKED BY	JAN 95
NO.	



5/12/97	DCN 75-018: DELETED REVISIONS MADE UNDER DCN 75-004
6/24/96	DCN 75-004 REVISED LIMITS OF AC AND PCC PAVING
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE PLAN GRADING AND DRAINAGE-1 HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL / ACCESS ROADS SCALE: 1"=20'-0" DATE: JUN. 1995	
SHEET NO. 6C5	OF 11 SHEETS



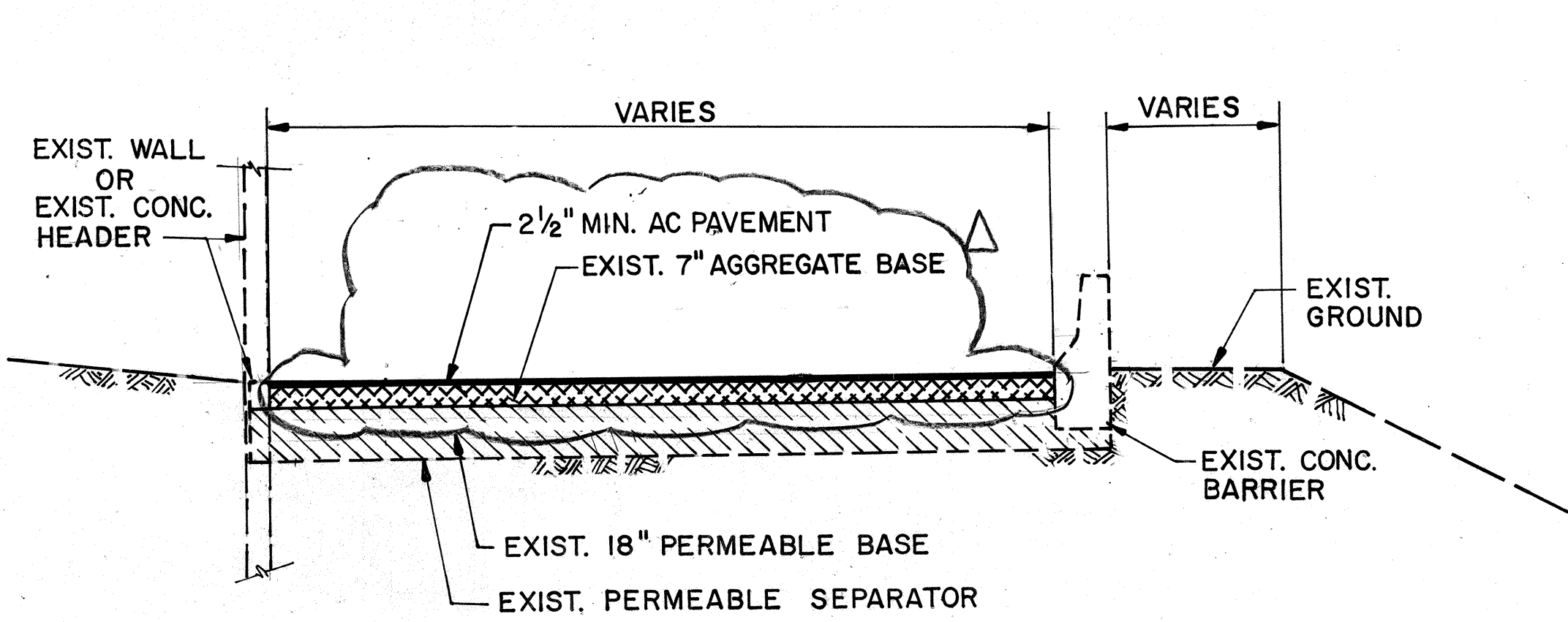
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>FENCE LAYOUT PLAN</u>	
<u>HAIKU SITE FINISHES</u>	
<u>H-3 FINISH (UNIT III)</u>	
<u>FAIP NO. I-H3-1(75), UNIT III</u>	
<u>T.K. TUNNEL / ACCESS ROADS</u>	
SCALE: 1"=40'-0"	DATE: JUN 1995
SHEET NO. 6C7	OF 11 SHEETS

GRAPHIC SCALE

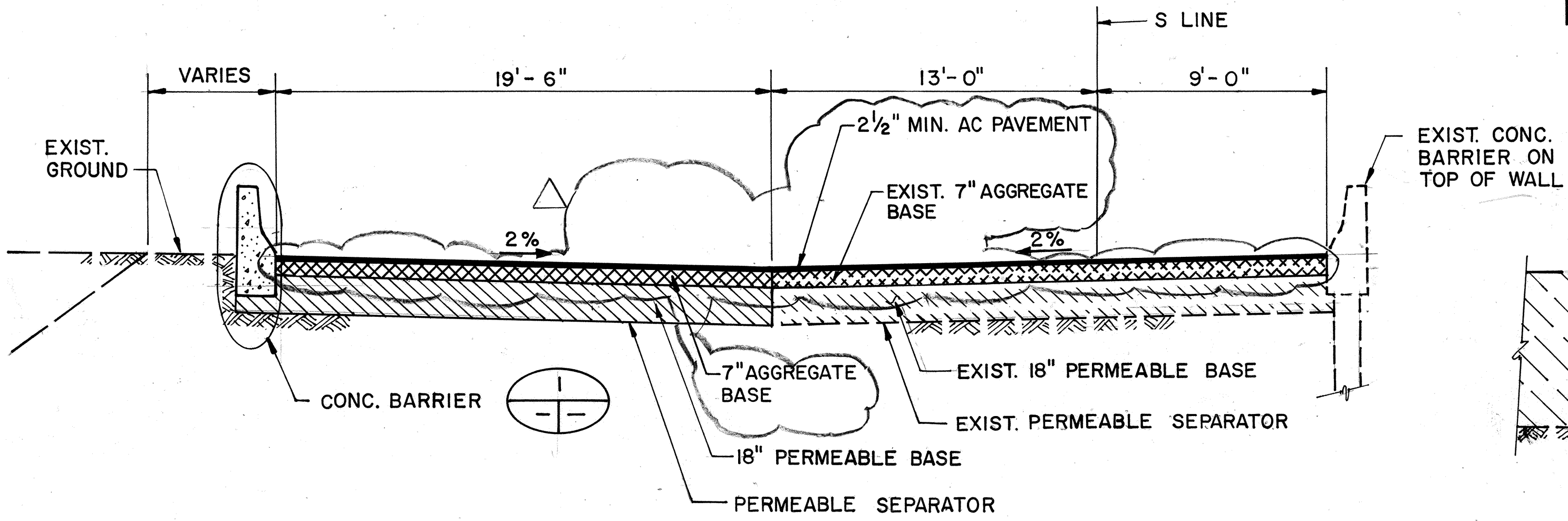
40' 0' 40' 80'

1" = 40'

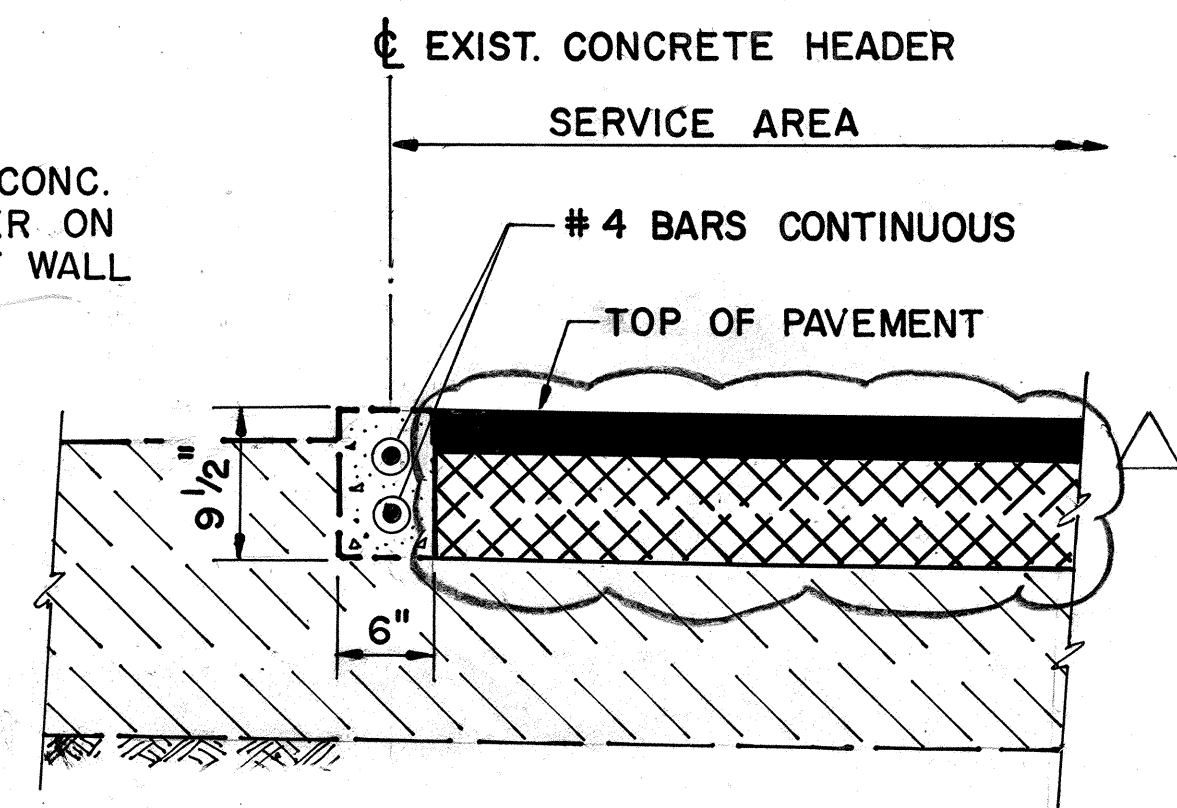
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	259	353



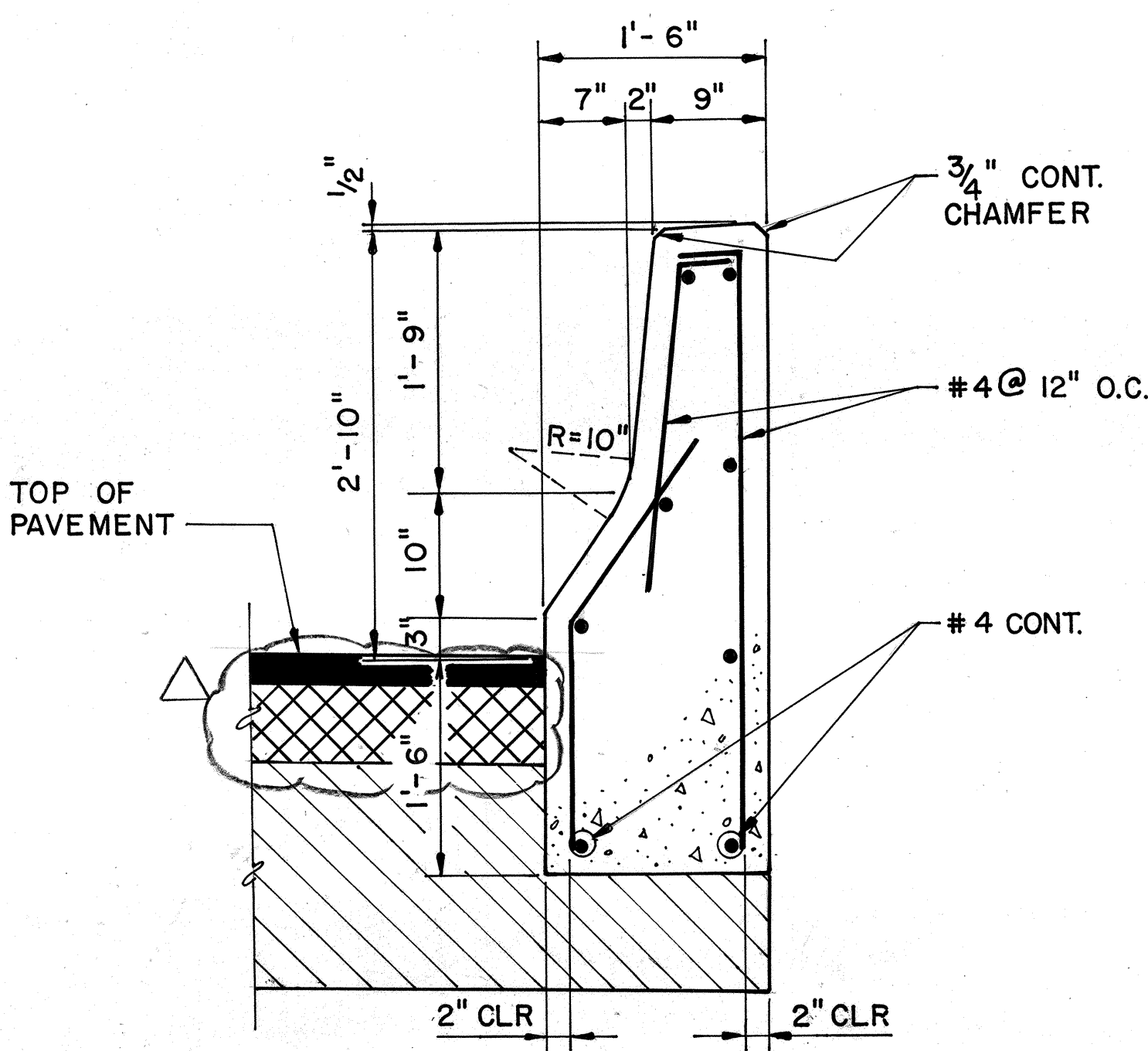
TYPICAL SECTION - SERVICE AREA A
SCALE: 1/4" = 1'-0"
6C3, 6C5 6C8



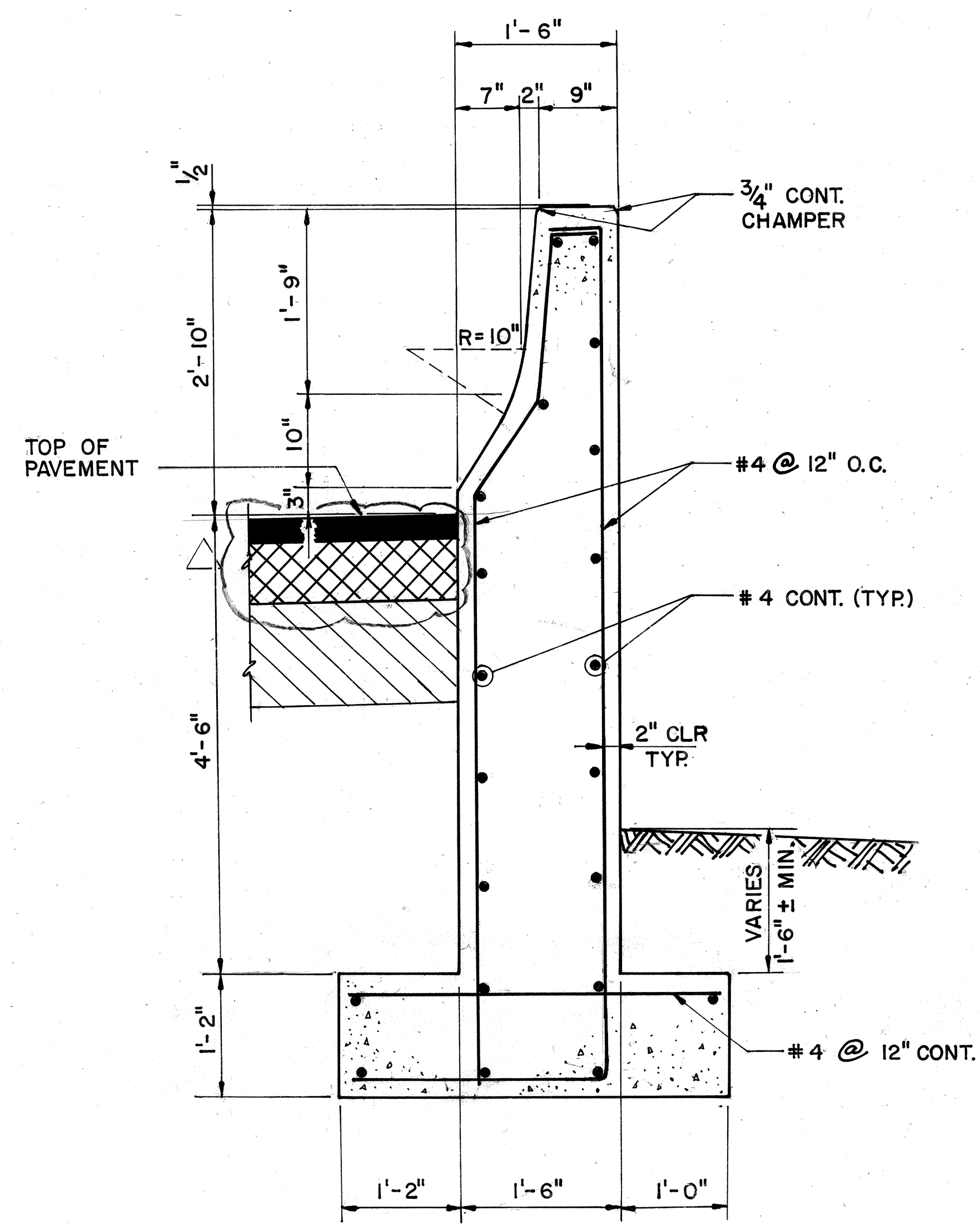
SECTION - SERVICE ROAD B
SCALE: 1/4" = 1'-0"
6C3, 6C4, 6C5 6C8



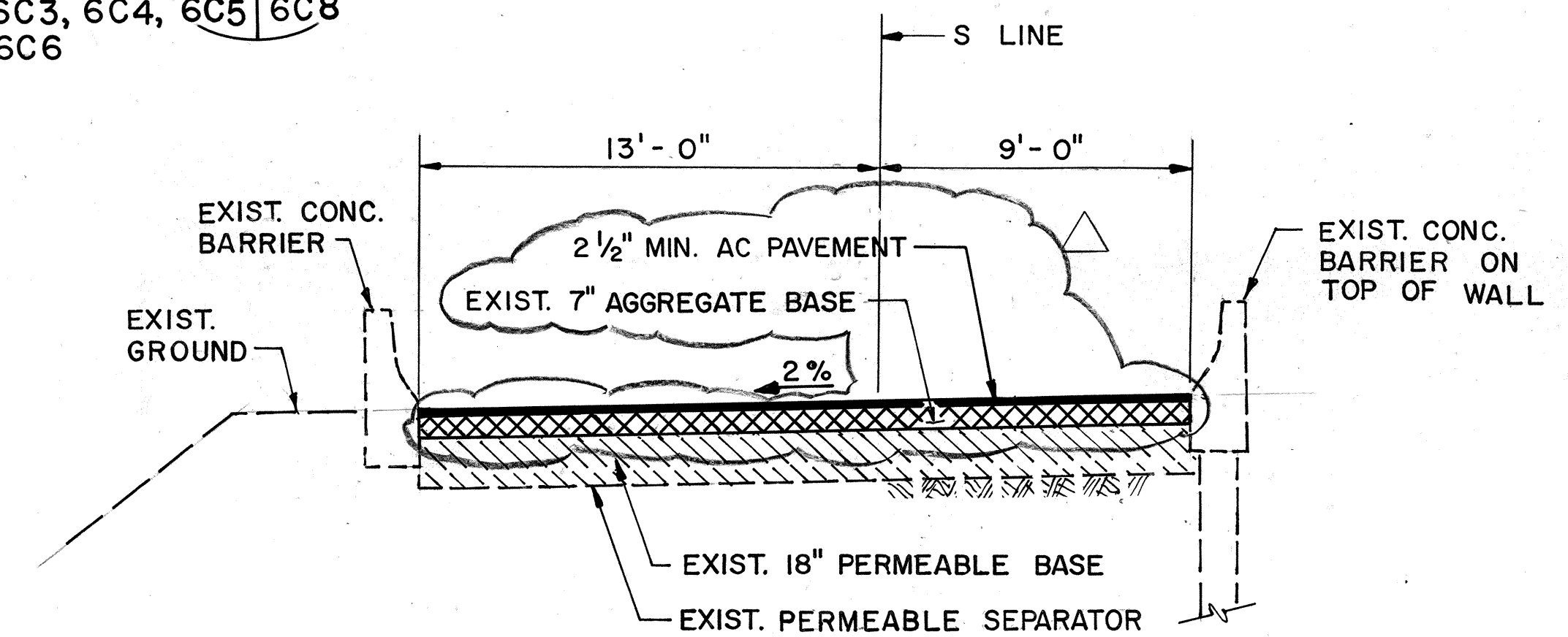
SECTION C
SCALE: 1" = 1'-0"
6C3 6C8



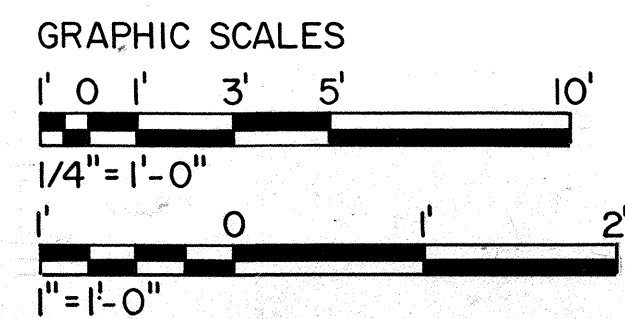
CONCRETE BARRIER 1
SCALE: 1" = 1'-0"
6C3, 6C4 6C8



SPECIAL CONCRETE BARRIER 2
SCALE: 1" = 1'-0"
6C4 6C8



SECTION - SERVICE ROAD D
SCALE: 1/4" = 1'-0"
6C4, 6C6 6C8

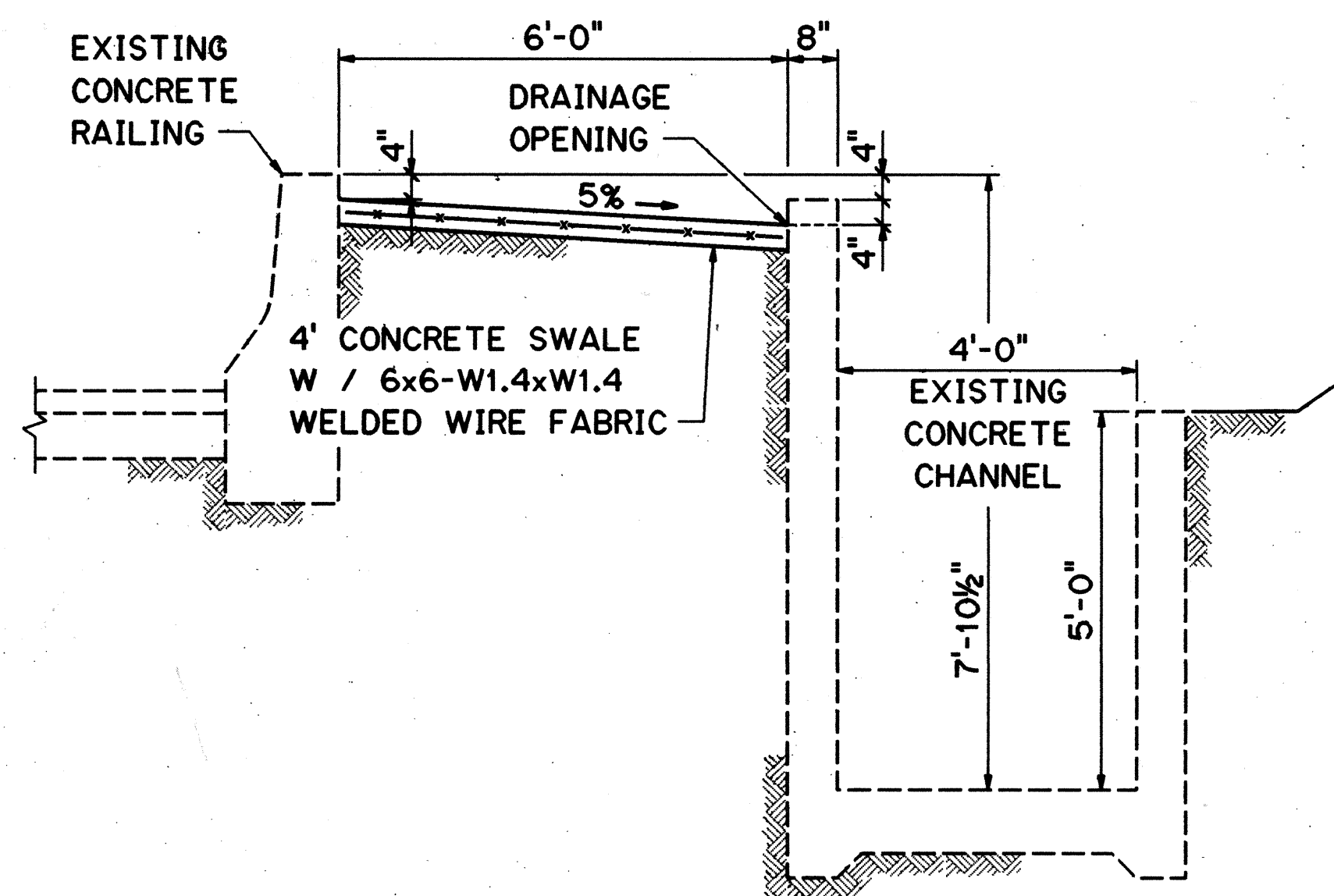
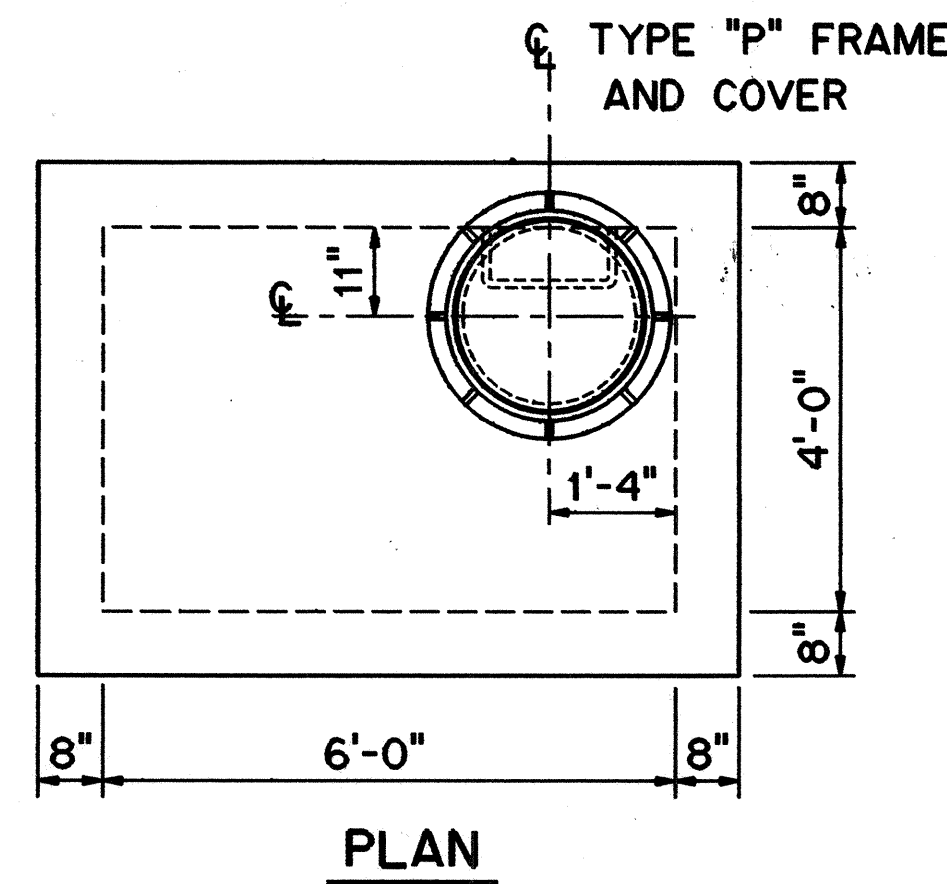


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Kevin K.O. Wong

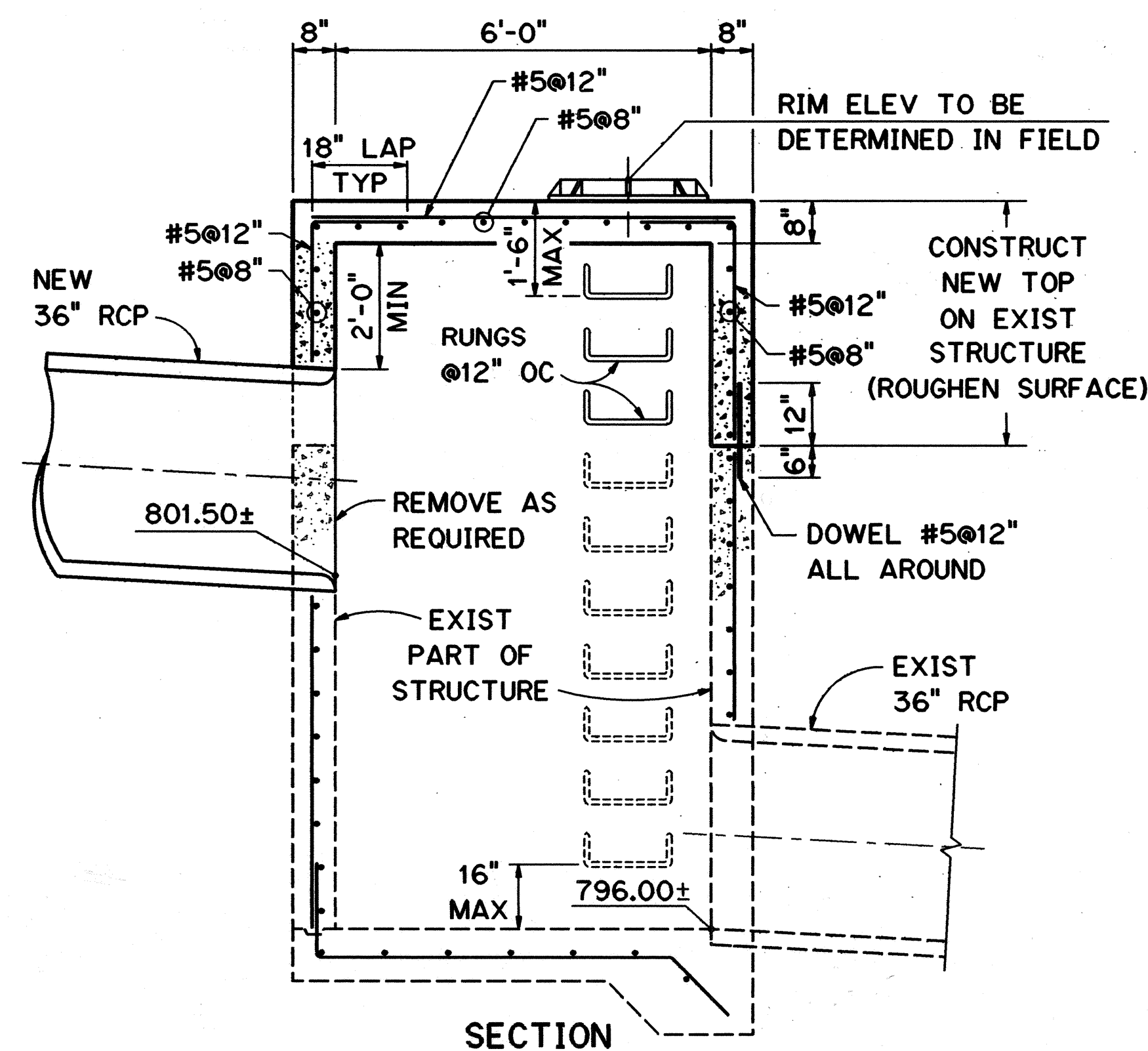
DATE	REVISION
5/12/97	DCN 75-018: DELETED REVISIONS MADE UNDER DCN75-004
6/24/96	DCN 75-004 REVISED LIMITS OF AC AND PCC PAVING
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE PAVEMENT SECTIONS AND DETAILS HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: AS NOTED DATE: JUN 1995 SHEET NO. 6C8 OF 11 SHEETS	

ORIGINAL PLAN	DATE
1/95	1/95
DESIGNED BY	1/95
1/95	1/95
CHECKED BY	1/95
1/95	1/95

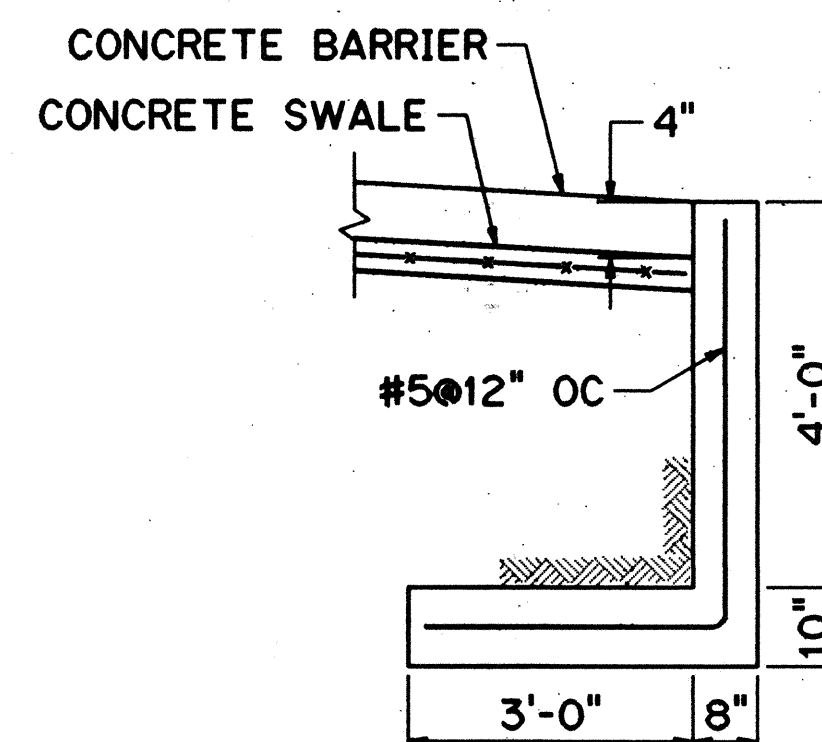
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	260	353



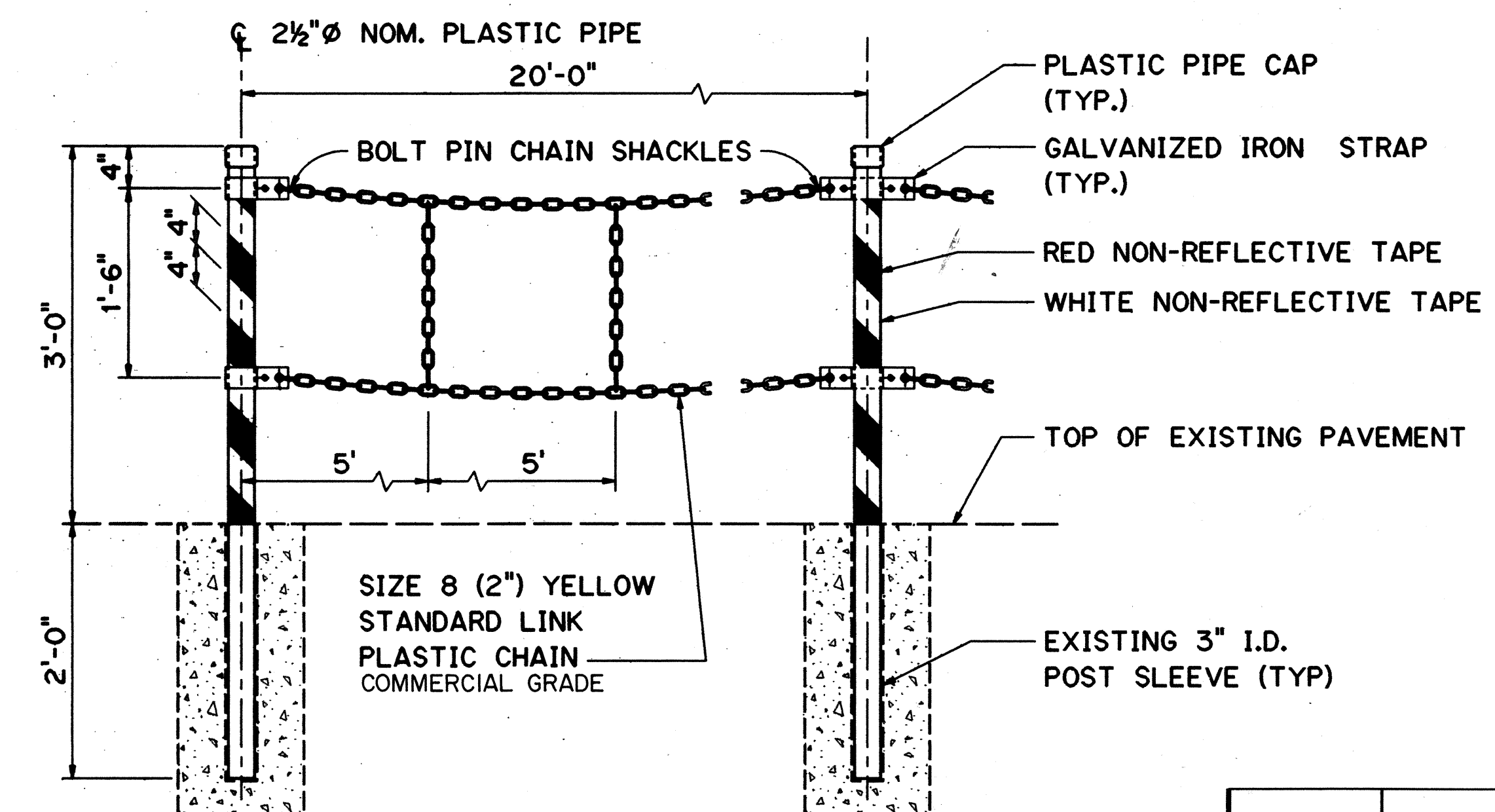
TYPE III CONCRETE SWALE AND CHANNEL SECTION
SCALE: 1/2" = 1'-0"



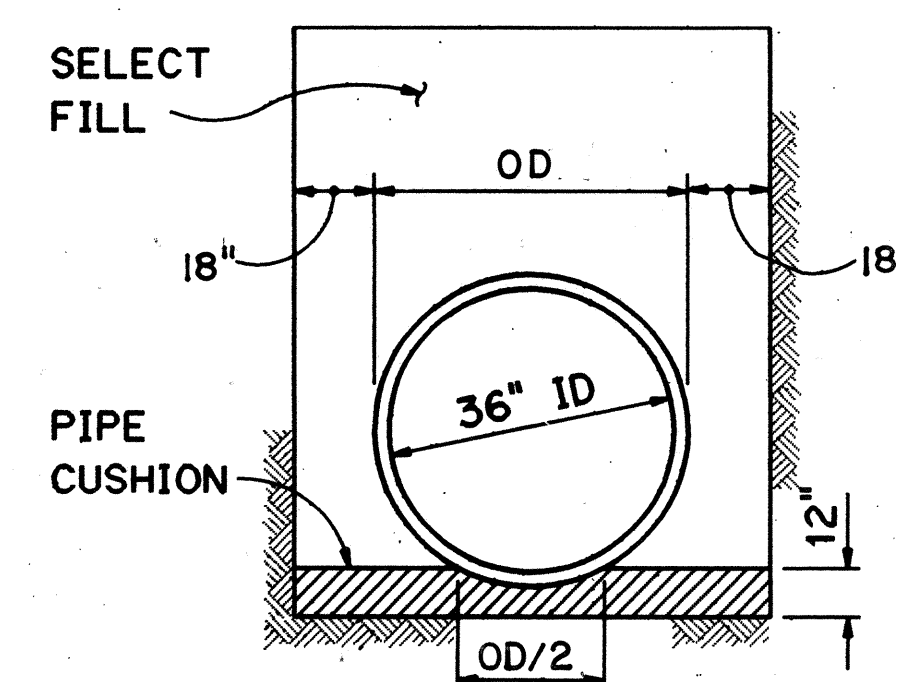
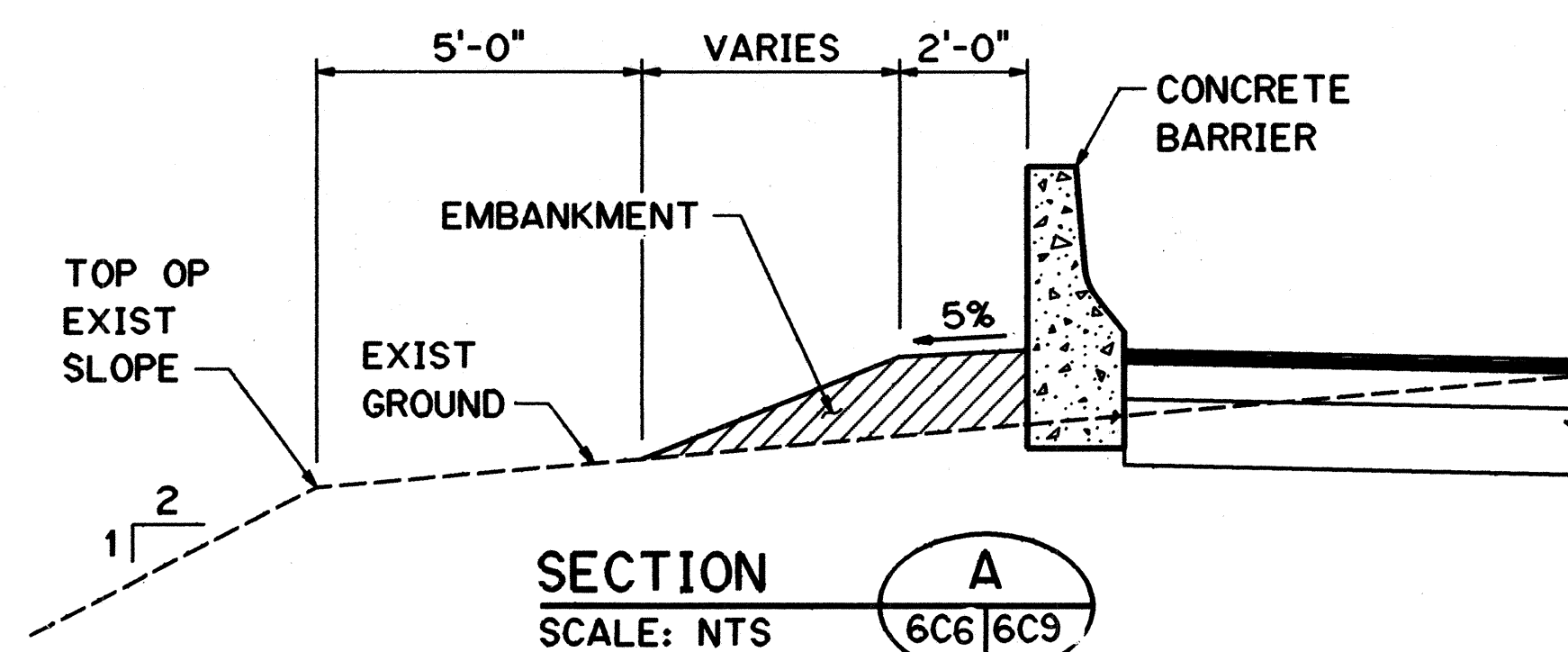
BURIED PARTIAL DRAINAGE STRUCTURE
SCALE: 1/2" = 1'-0"



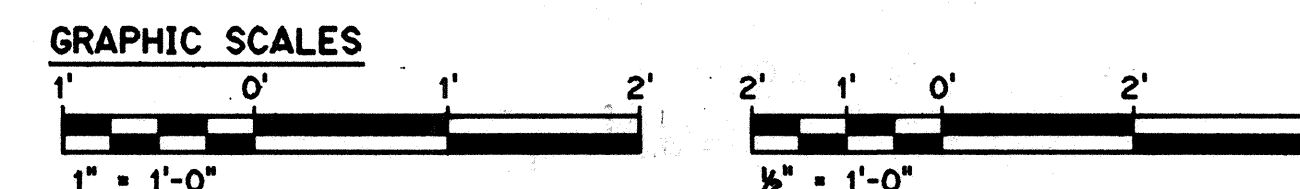
SWALE CUTOFF WALL
SCALE: 1/2" = 1'-0"



DETAIL - CHAIN AND POSTS
SCALE: 1" = 1'-0"



PIPE TRENCH DETAIL
SCALE: NTS



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DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

HAIKU SITE FINISHES

H-3 FINISH (UNIT III)

FAIP NO. I-H3-1(75), UNIT III

T.K. TUNNEL / ACCESS ROADS

SCALE: AS NOTED

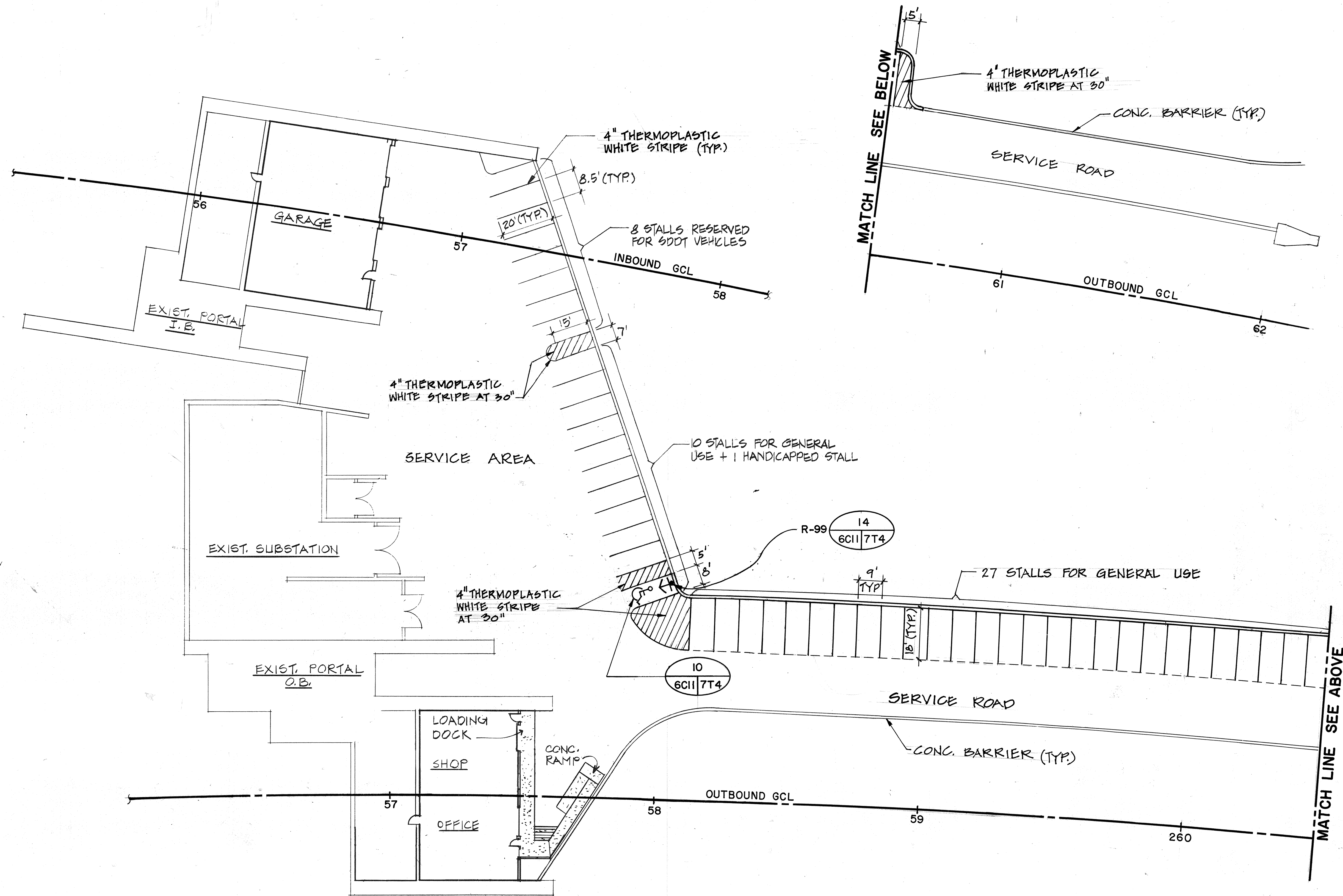
DATE: JUN 1995

SHEET NO. 6C9

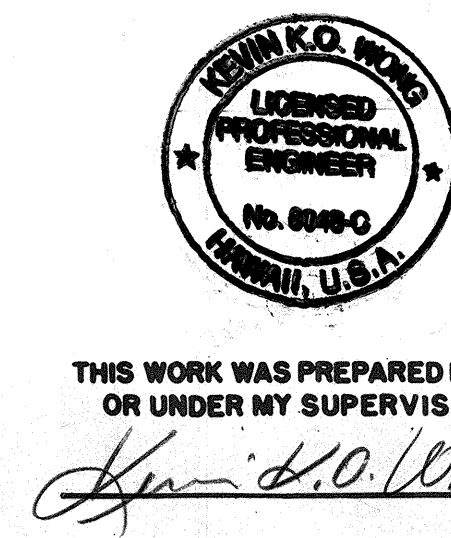
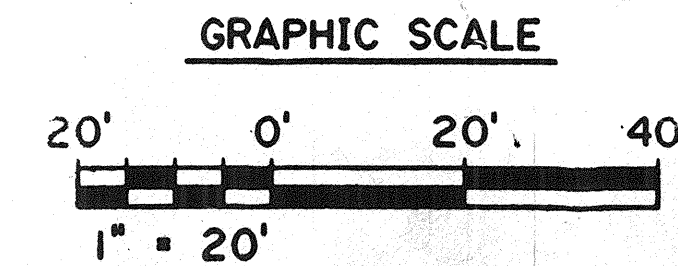
OF 11

SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	262	353

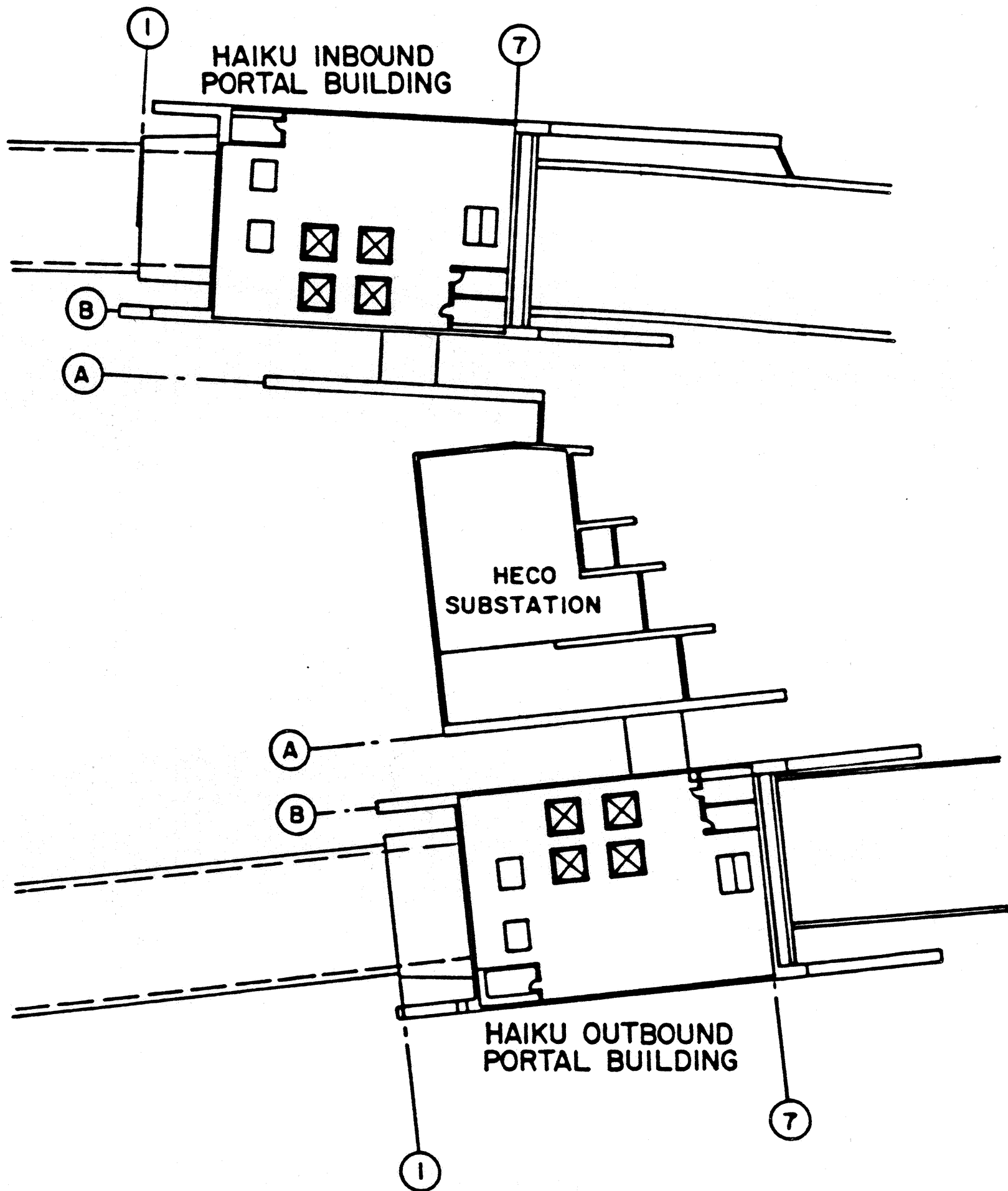
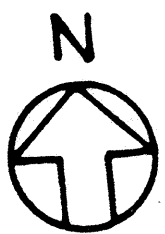


ORIGINAL PLAN	DATE
NO. 1000	1/95
NO. 1001	1/95
NO. 1002	1/95
NO. 1003	1/95
NO. 1004	1/95
NO. 1005	1/95
NO. 1006	1/95
NO. 1007	1/95
NO. 1008	1/95
NO. 1009	1/95
NO. 1010	1/95



10/13/95	ADDENDUM I
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE PLAN SIGNING AND STRIPING HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: 1" = 20'-0" DATE: JUN 1995 SHEET NO. 6C11 OF 11 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	262 S-1	353

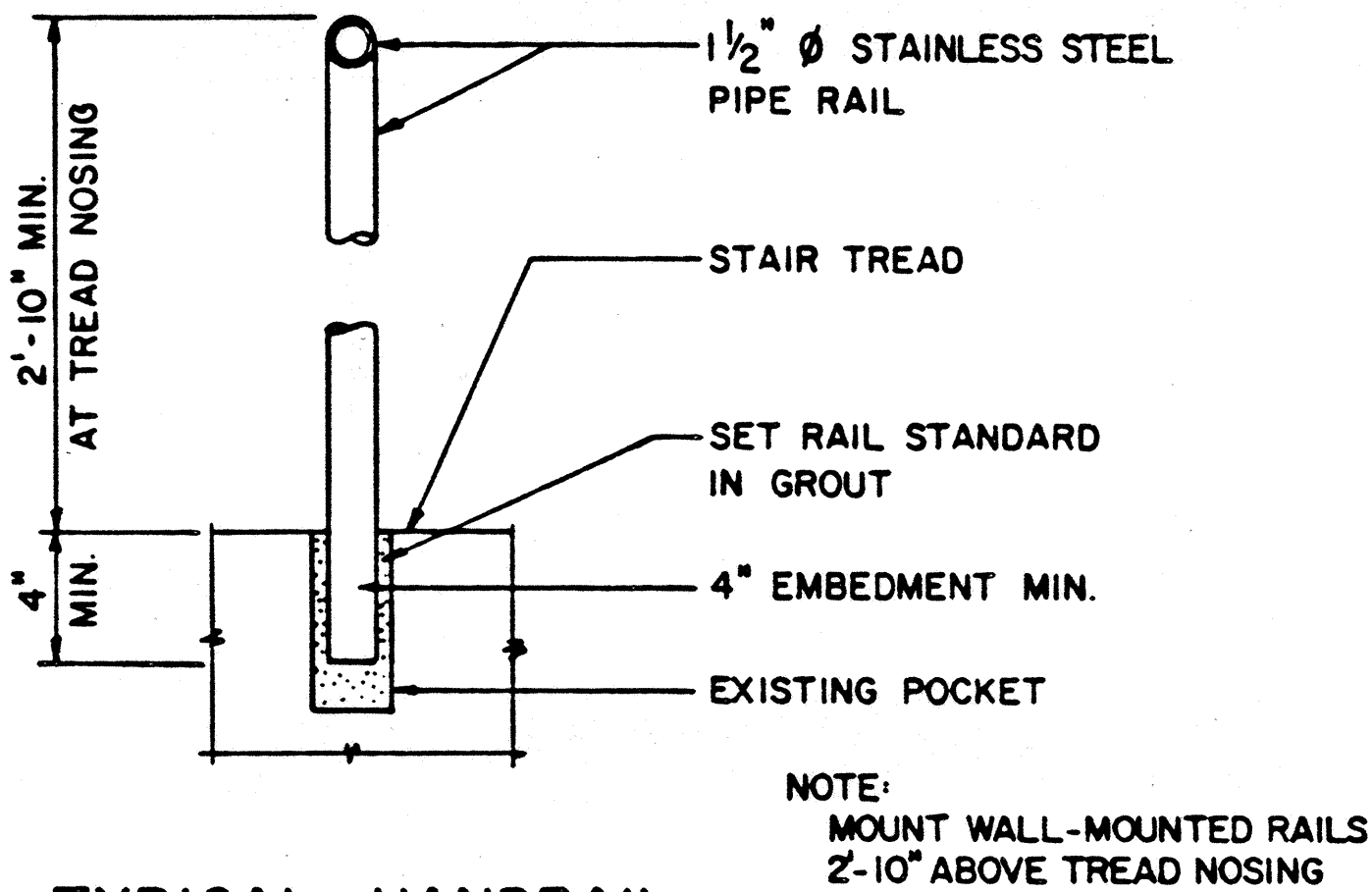


HAIKU INBOUND PORTAL BUILDING		
F.A.I. PROJECT NO. I-H3-1(61) REFERENCE PLANS		
SHEET	SHEET NO.	TITLE
113	A5	MISCELLANEOUS DETAILS-2
ADD. 118	AM1	LEVEL A PLAN
ADD. 119	AM2	LEVEL 1 PLAN
ADD. 120	AM3	LEVEL 2 PLAN
ADD. 121	AM4	LEVEL 3 PLAN
125	AM8	EAST ELEVATION
ADD. 128	AM11	LONGITUDINAL SECTION A
ADD. 129	AM12	LONGITUDINAL SECTION B
ADD. 130	AM13	TRANSVERSE SECTION C
131	AM14	LONGITUDINAL SECTION D
ADD. 133	AM16	DETAIL SECTION AT LOADING DOCK FACE
ADD. 134	AM17	PARTIAL PLANS AND INTERIOR ELEVATIONS
137	AM20	STAIRS-1
138	AM21	STAIRS-2
139	AM22	STAIRS-3
140	AM23	SECTIONS AT ELEVATOR

HAIKU OUTBOUND PORTAL BUILDING		
F.A.I. PROJECT NO. I-H3-1(61) REFERENCE PLANS		
SHEET	SHEET NO.	TITLE
113	A5	MISCELLANEOUS DETAILS-2
141	AQ1	LEVEL A PLAN
ADD. 142	AQ2	LEVEL 1 PLAN
ADD. 143	AQ3	LEVEL 2 PLAN
ADD. 144	AQ4	LEVEL 3 PLAN
148	AQ8	EAST ELEVATION
ADD. 152	AQ12	LONGITUDINAL SECTION B
153	AQ13	TRANSVERSE SECTION C
154	AQ14	LONGITUDINAL SECTION D
156	AQ16	DETAIL SECTION AT LOADING DOCK FACE
ADD. 157	AQ17	PARTIAL PLANS AND INTERIOR ELEVATIONS
160	AQ20	STAIRS-1
161	AQ21	STAIRS-2
ADD. 162	AQ22	STAIRS-3
163	AQ23	SECTIONS AT ELEVATOR

TOTAL HANDRAIL QUANTITIES

APPROXIMATELY 800 LIN. FT



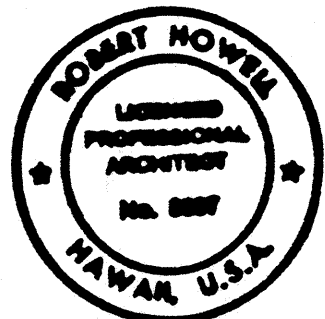
TYPICAL HANDRAIL SECTION

TOTAL HANDRAIL QUANTITIES

APPROXIMATELY 780 LIN. FT

FOR DETAIL AS-BUILT INFORMATION
REFER TO CONSTRUCTION SUBMITTALS

REVIEW PLATTED BY	DATE
DRAWN BY	NOV 94
DESIGNED BY	OCT 94
QUANTITIES BY	JAN 95
CHECKED BY	

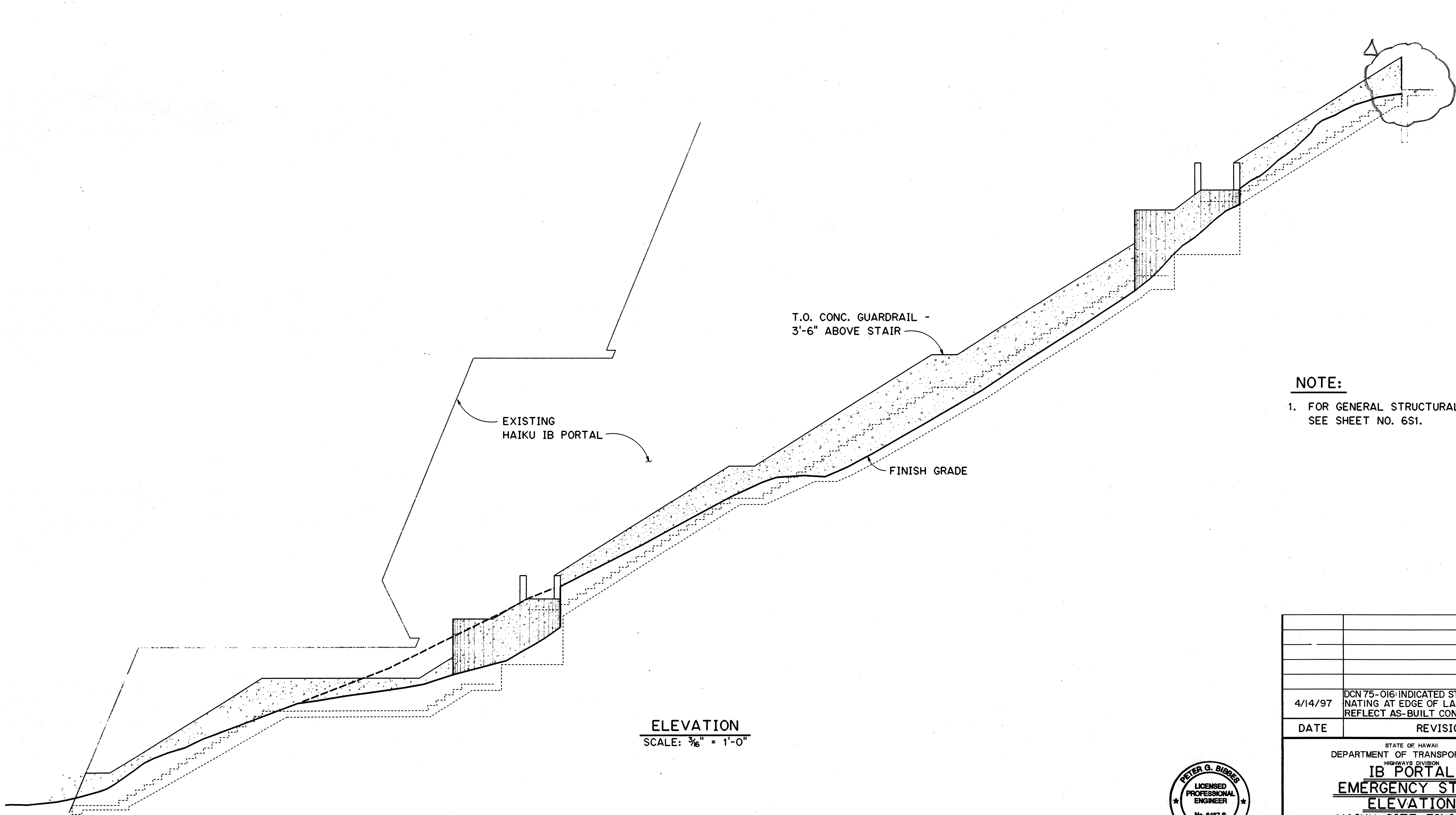


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Robert Howell

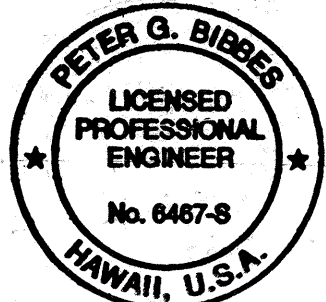
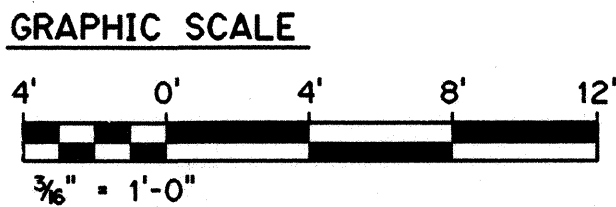
10/13/95	ADDENDUM I
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
STAINLESS STEEL RAILINGS	
HAIKU SITE FINISHES	
H-3 FINISH (UNIT III)	
FAIP NO. I-H3-1(75), UNIT III	
T.K. TUNNEL/ACCESS ROADS	
SCALE: NONE	DATE: OCT 1995
SHEET NO. 6A1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	264	353



NOTE:
1. FOR GENERAL STRUCTURAL NOTES, SEE SHEET NO. 6S1.

ELEVATION
SCALE: $\frac{3}{16}" = 1'-0"$

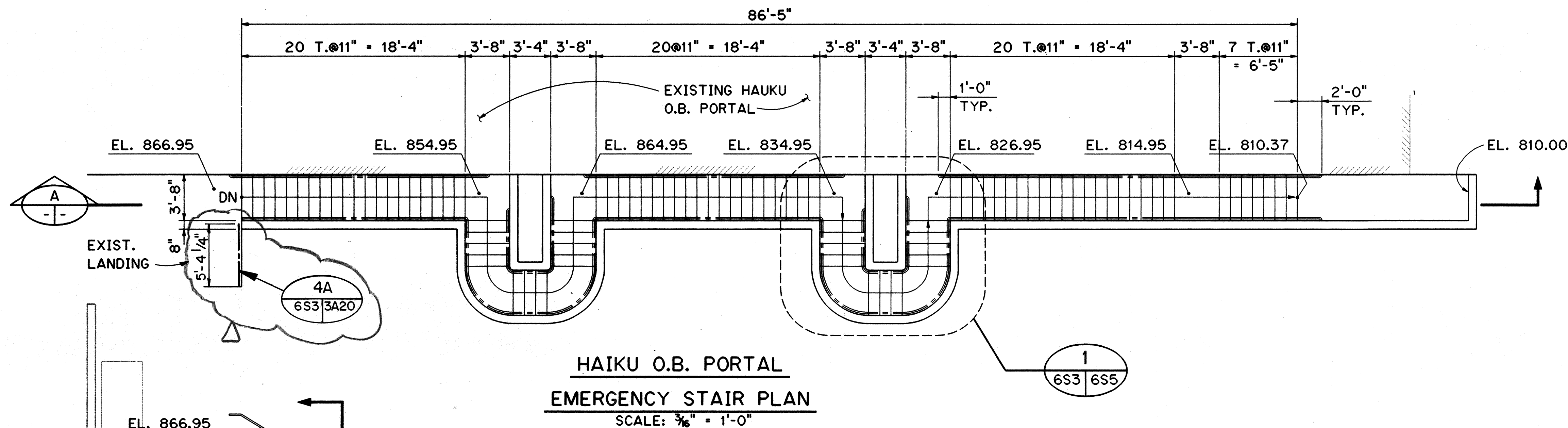


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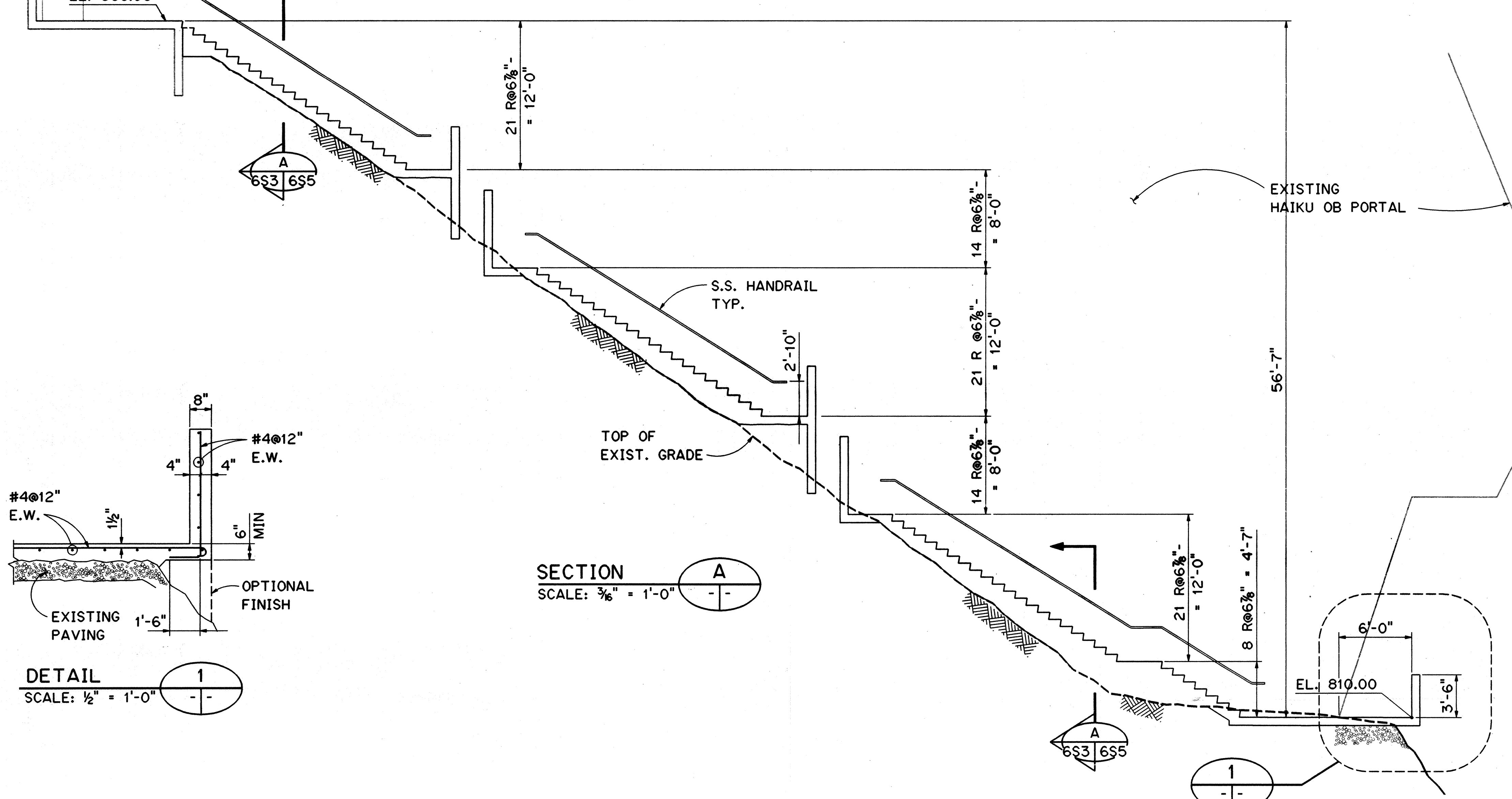
4/14/97	DCN 75-016: INDICATED STAIR WALL TERMINATING AT EDGE OF LANDING TO REFLECT AS-BUILT CONDITIONS
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION IB PORTAL EMERGENCY STAIR ELEVATION HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: $\frac{3}{16}" = 1'-0"$ DATE: JUN 1995 SHEET NO. 6S2 OF 5 SHEETS	

ORIGINAL PLAN	DATE NOV 94
NO. 1	
DESIGNED BY C. FREY	NOV 94
CHECKED BY M.S. OWYANG	DEC 94

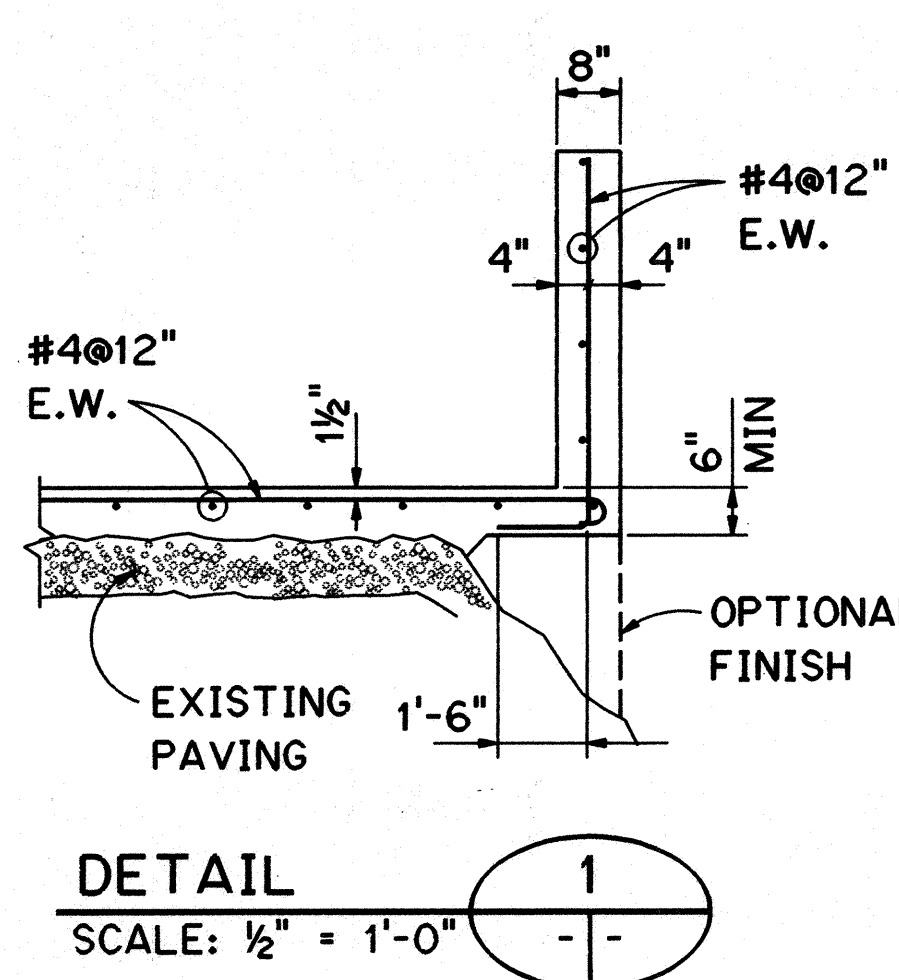
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	265	353



HAIKU O.B. PORTAL
EMERGENCY STAIR PLAN
SCALE: 3/8" = 1'-0"



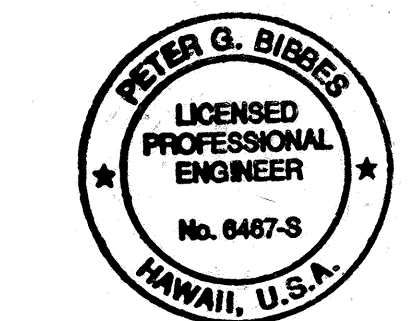
SECTION
SCALE: 3/8" = 1'-0"



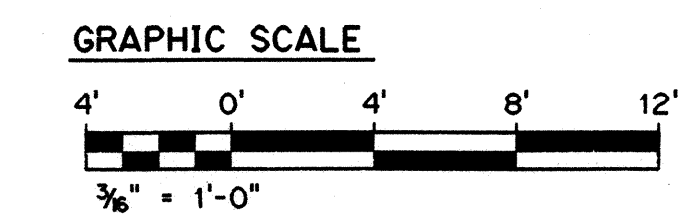
DETAIL
SCALE: 1/2" = 1'-0"

- NOTES:
- FOR GENERAL STRUCTURAL NOTES, SEE SHEET NO. 6S1.

4/14/97	DCN75-016: ADDED HANDRAIL AT TOP OF STAIRS
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION OB PORTAL EMERGENCY STAIR PLAN & SECTION HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: 3/8" = 1'-0" DATE: JUN 1995 SHEET NO. 6S3 OF 5 SHEETS	

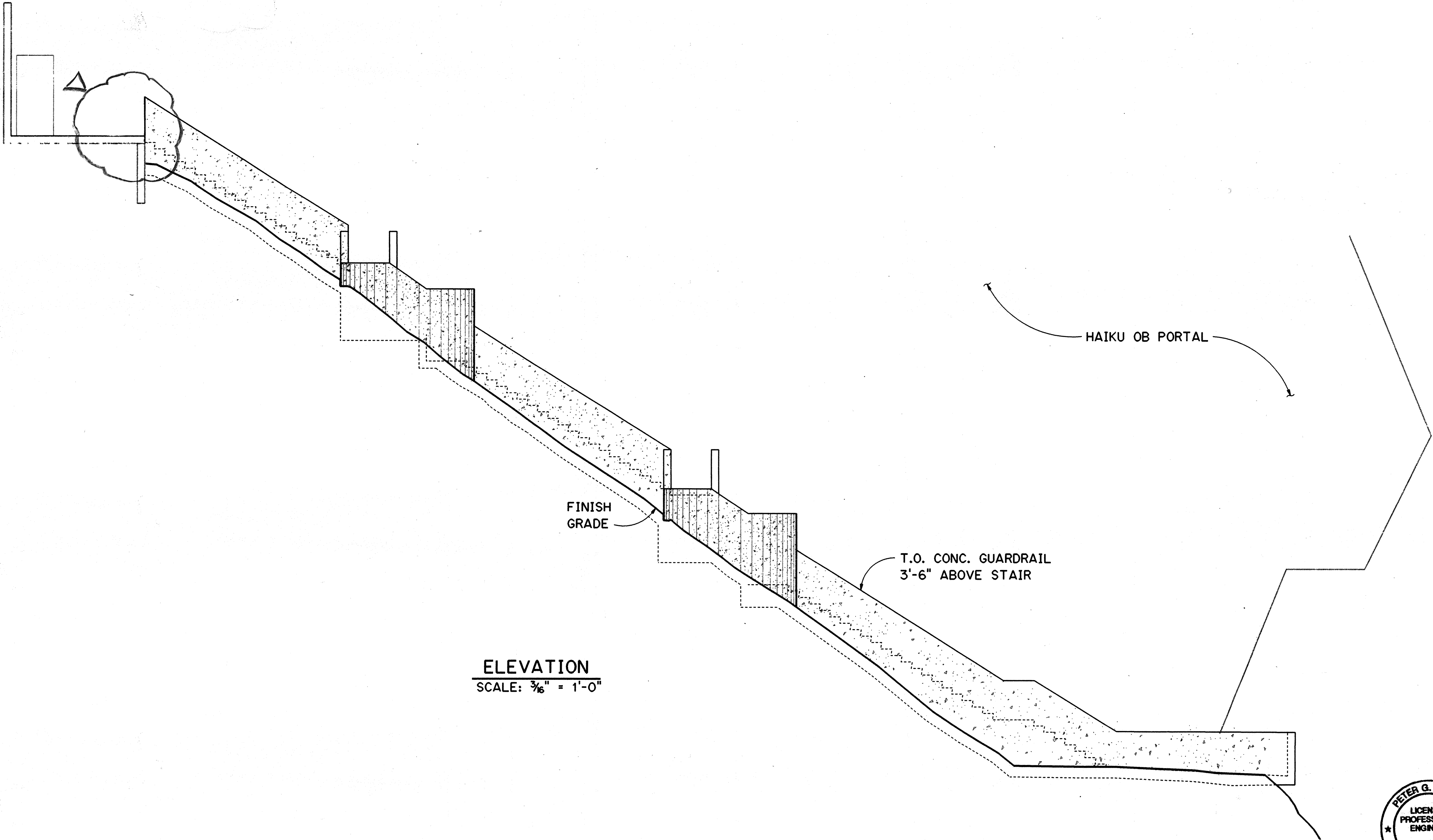


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Peter G. Birges



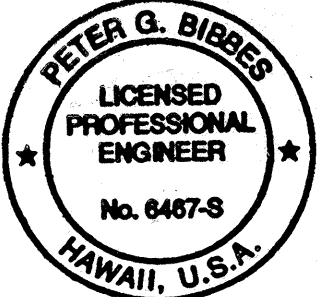
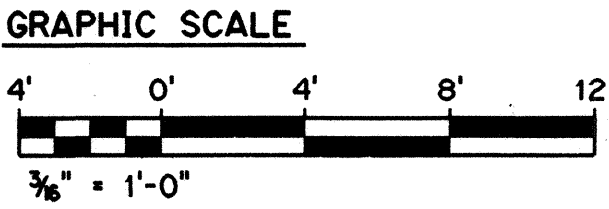
SURVEY PLOTTED BY	DATE
DRAWN BY	NOV 94
DESIGNED BY	NOV 94
CHECKED BY	DEC 94
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75) UNIT III	1994	266	353



ORIGINAL PLAN	DATE
NO.	11/94
NOTE BOOK	DESIGNED BY
	C. FREY
	QUANTITIES BY
	M.S. OWYANG
	CHECKED BY
	DEC 94

ELEVATION
SCALE: 3/16" = 1'-0"

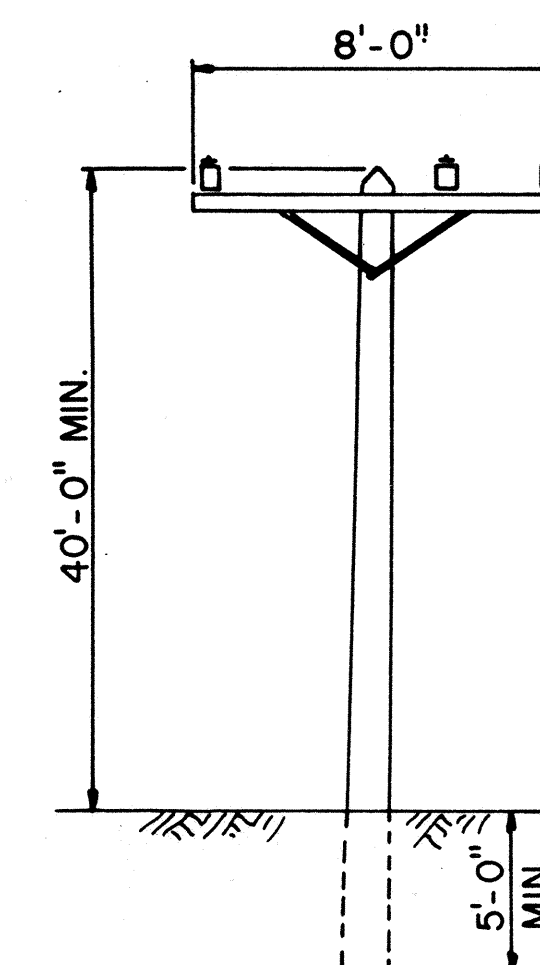
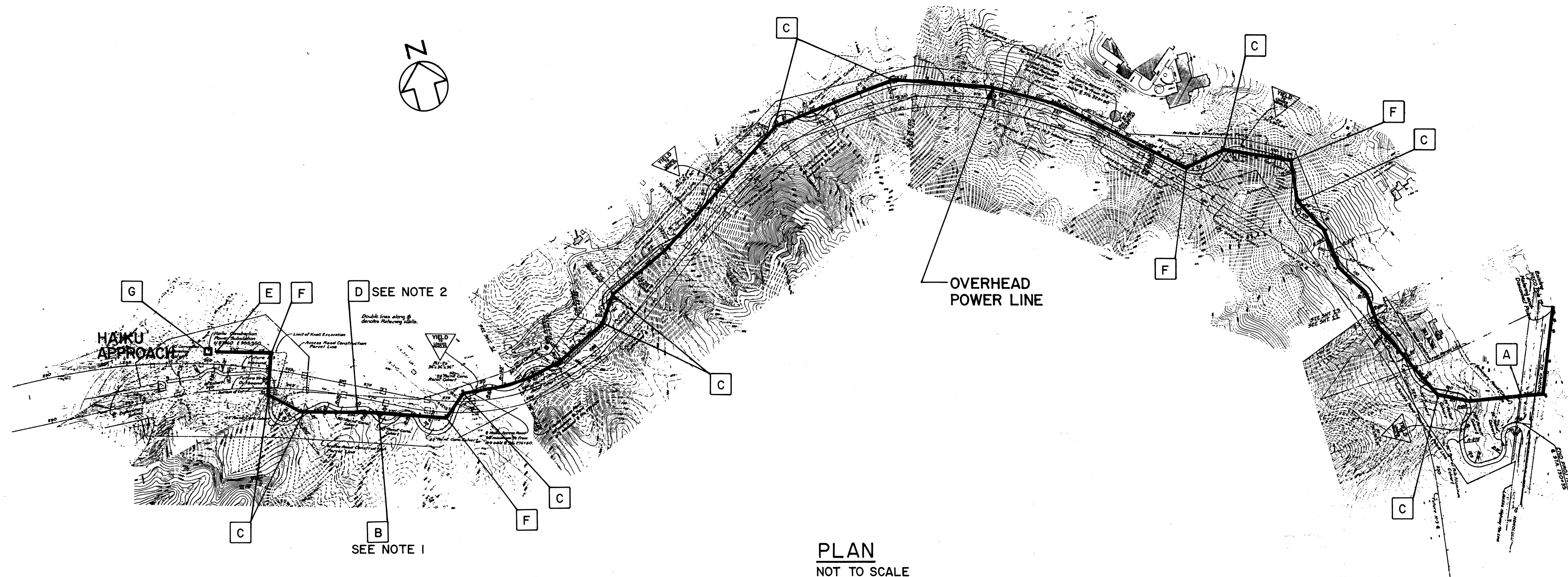


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Peter G. Bibbes

DATE	REVISION
4/14/97	DCN 75-016: INDICATED STAIR WALL TERMINATING AT EDGE OF LANDING TO REFLECT AS-BUILT CONDITIONS
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION OB PORTAL EMERGENCY STAIR ELEVATION HAIKU SITE FINISHES H-3 FINISH (UNIT III) FAIP NO. I-H3-1(75), UNIT III T.K. TUNNEL/ACCESS ROADS SCALE: 3/16" = 1'-0" DATE: JUN 1995	
SHEET NO. 6S4 OF 5 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-I(75) UNIT III	1994	268	353



TYPICAL POLE ELEVATION
NOT TO SCALE

GENERAL NOTES

1. POLE(S) WITHOUT IDENTIFICATION TAG ARE SIMILAR TO TAG [B]
2. OVERHEAD LINE CONDUCTORS WITHOUT IDENTIFICATION TAG ARE SIMILAR TO TAG [D]
3. FOR SINGLE ARM STRAIGHT LINE, DOUBLE ARM DEADEND AND POLE LINE DEVIATION DETAIL, REFER TO REFERENCE PLANS, F.A.I. PROJ. NO. I-H3-1(37), SHEET NO. 25
4. FOR DISCONNECT AND METERING DETAILS, REFER TO REFERENCE PLANS, F.A.I. PROJ. NO. I-H3-1(37), SHEET NO. 24
5. FOR GROUNDING AND SUBSTATION LAYOUT, REFER TO REFERENCE PLANS, F.A.I. PROJ. NO. I-H3-1(37), SHEET NO. 26
6. REFER TO REFERENCE PLANS, F.A.I. PROJ. NO. I-H3-1(37), SHEET NO'S. 20 THRU 23 FOR OTHER LINE DETAILS.
7. APPROXIMATE ROUTING AND QUANTITIES OF EXISTING OVERHEAD TEMPORARY CONSTRUCTION POWER LINES ARE SHOWN.
8. CONTRACTOR SHALL COORDINATE DEMOLITION OF ALL EXISTING TEMPORARY CONSTRUCTION POWER WITH HDOT, HECO AND THE RESIDENT ENGINEER.
9. CONTRACTOR SHALL REMOVE ALL OVERHEAD DISTRIBUTION LINE EQUIPMENT AND ALL APPURTENANCES FROM THE HECO METER AT THE POLE ADJACENT TO LIKELIKE HIGHWAY UP TO AND INCLUDING THE CONSTRUCTION POWER SUBSTATION AT HAIKU.

ESTIMATED QUANTITIES

IDENTIFICATION TAG	DESCRIPTION	TOTAL
A	METERING AND DISCONNECT POLE	1 EA
B	SINGLE ARM STRAIGHT LINE POLE	37 EA
C	DOUBLE ARM LINE DEVIATION POLE	10 EA
D	OVERHEAD LINE CONDUCTORS 3/O AAAC	34,000 LBS
E	DOUBLE ARM DEADEND POLE	1 EA
F	BUCK ARM POLE LINE DEVIATION	4 EA
G	SUBSTATION INCLUDES: SWITCH POLE, TRANSFORMER, CABLE BUS, LOW VOLTAGE PANEL & SHED, ALL LOW VOLTAGE FEEDERS, FENCE, CONCRETE PADS AND GROUND WIRE	1 LOT

GENERAL NOTES (CONTINUED)

10. CONTRACTOR SHALL REMOVE THE FOLLOWING AT HAIKU:
 - 1) 15KV CABLES AND CONDUIT FROM CONSTRUCTION POWER SUBSTATION TO 15KV SWITCHGEAR AND TO 1500KVA TRANSFORMER
 - 2) POLE-MOUNTED 100KVA TRANSFORMER AND CABLES TO CONSTRUCTION TRAILERS
 - 3) TWO SETS OF 480V CABLES FOR WATER PUMP AND MONORAIL AT LEVEL 2
 - 4) TWO SINGLE PHASE POLE-MOUNTED TRANSFORMERS NEAR GUARD SHACKS NO. 1 AND NO. 2
11. CONTRACTOR SHALL DELIVER ALL REMOVED TEMPORARY CONSTRUCTION POWER ELECTRICAL EQUIPMENT (POLES, CONDUCTORS, CROSS-ARMS, INSULATORS, GUY WIRES AND ANCHORS, TRANSFORMERS, SWITCHGEAR, SWITCHES, SUBSTATION EQUIPMENT, ETC.) TO HDOT.
12. CONTRACTOR SHALL COIL AND DELIVER ALL EXCESS 15kv CABLES AND 600V CABLES ON SITE TO HDOT.

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HAIKU ACCESS ROAD OVERHEAD POWER LINE DEMOLITION PLAN

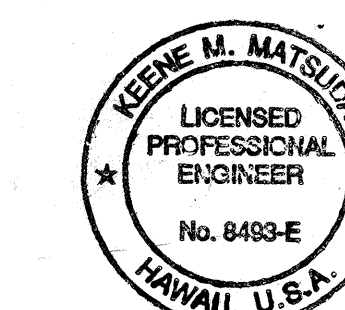
HAIKU SITE FINISHES
H-3 FINISH (UNIT III)
FAIP NO. I-H3-1(75), UNIT III
T.K. TUNNEL/ACCESS ROADS

SCALE : NONE **DATE : JUN 1995**

SHEET NO. 6E1 OF 1 SHEETS

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ORIGINAL PLAN	SURETY FULFILLED BY _____ DATE _____
	DRAWN BY D. DRYDEN MAY '95
	TRACED BY _____
	DESIGNED BY I. HORTON APR '95
	QUANTITIES BY _____
	CHECKED BY K. MATSUDA MAY '95
No.	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

OR UNDER MY SUPERVISION
Keene Watson