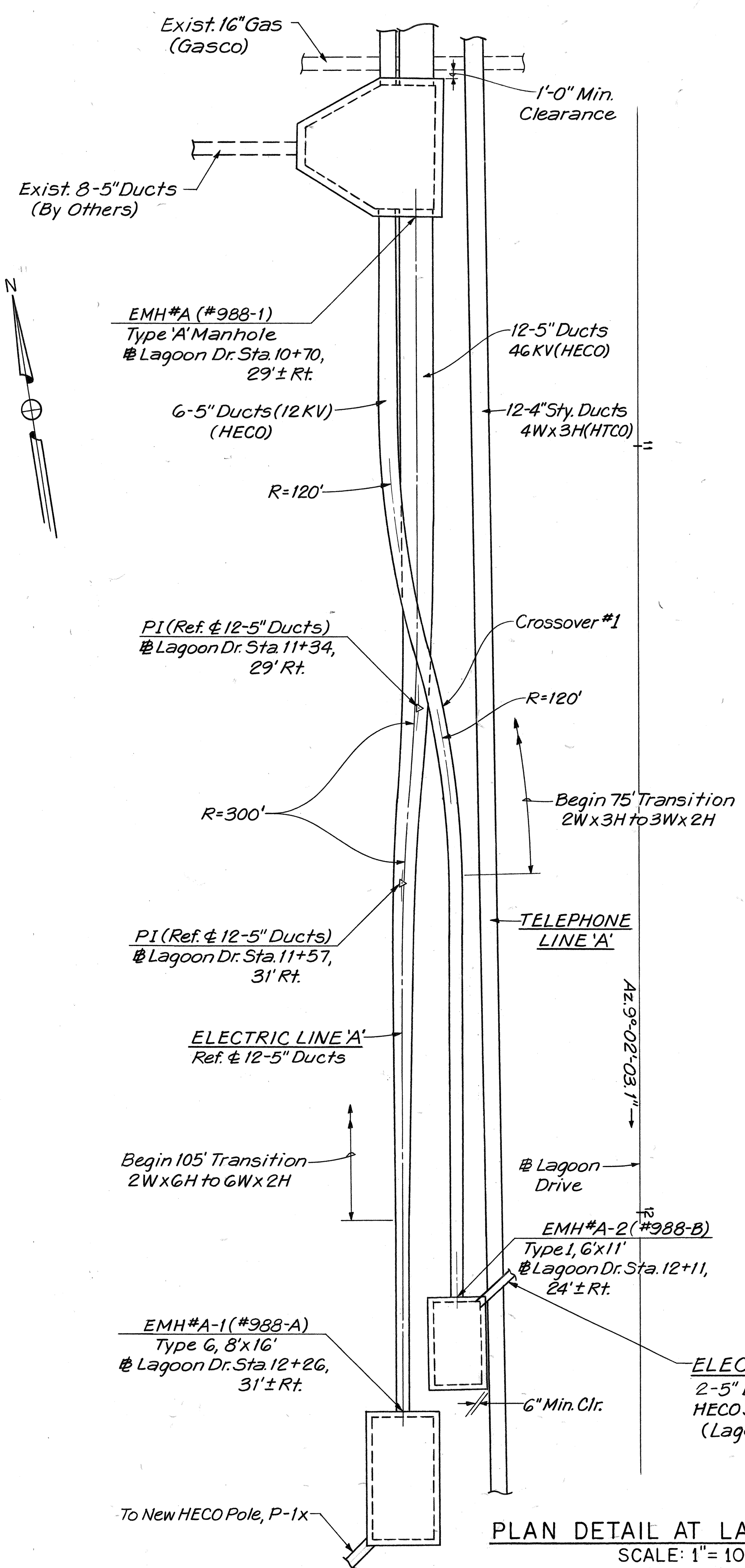
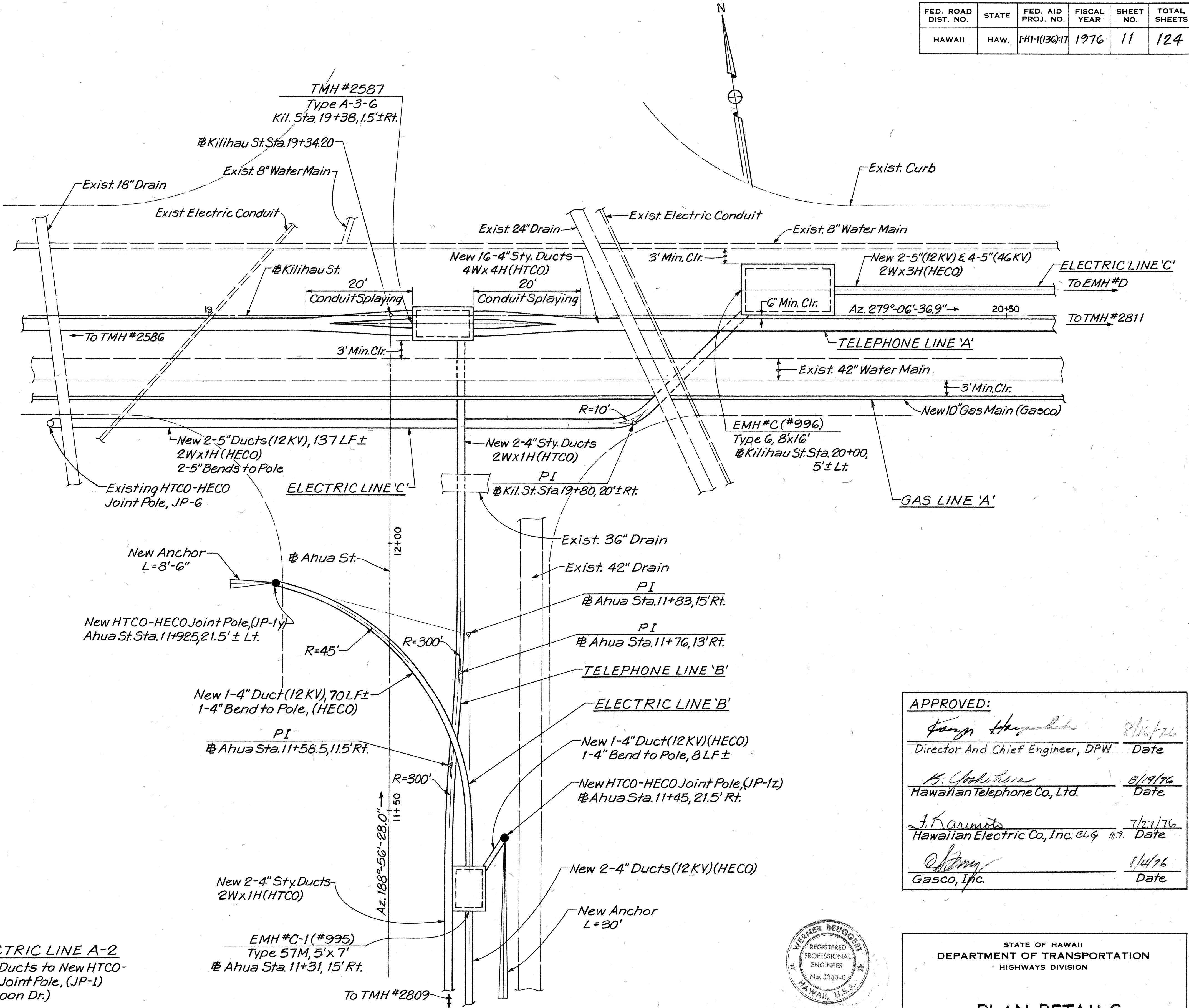


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(136)-17	1976	11	124

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

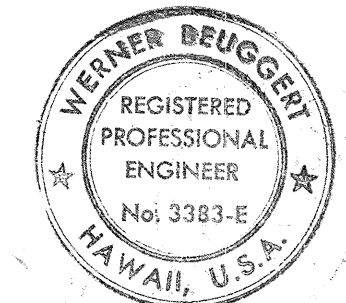


PLAN DETAIL AT LAGOON DRIVE
SCALE: 1" = 10'-0"



PLAN DETAIL AT KILIHAU STREET-AHUA STREET
SCALE: 1" = 10'-0"

APPROVED:	
<i>[Signature]</i> Director And Chief Engineer, DPW	8/16/76 Date
<i>[Signature]</i> Hawaiian Telephone Co., Ltd.	8/19/76 Date
<i>[Signature]</i> Hawaiian Electric Co., Inc. O&G	7/27/76 Date
<i>[Signature]</i> Gasco, Inc.	8/4/76 Date



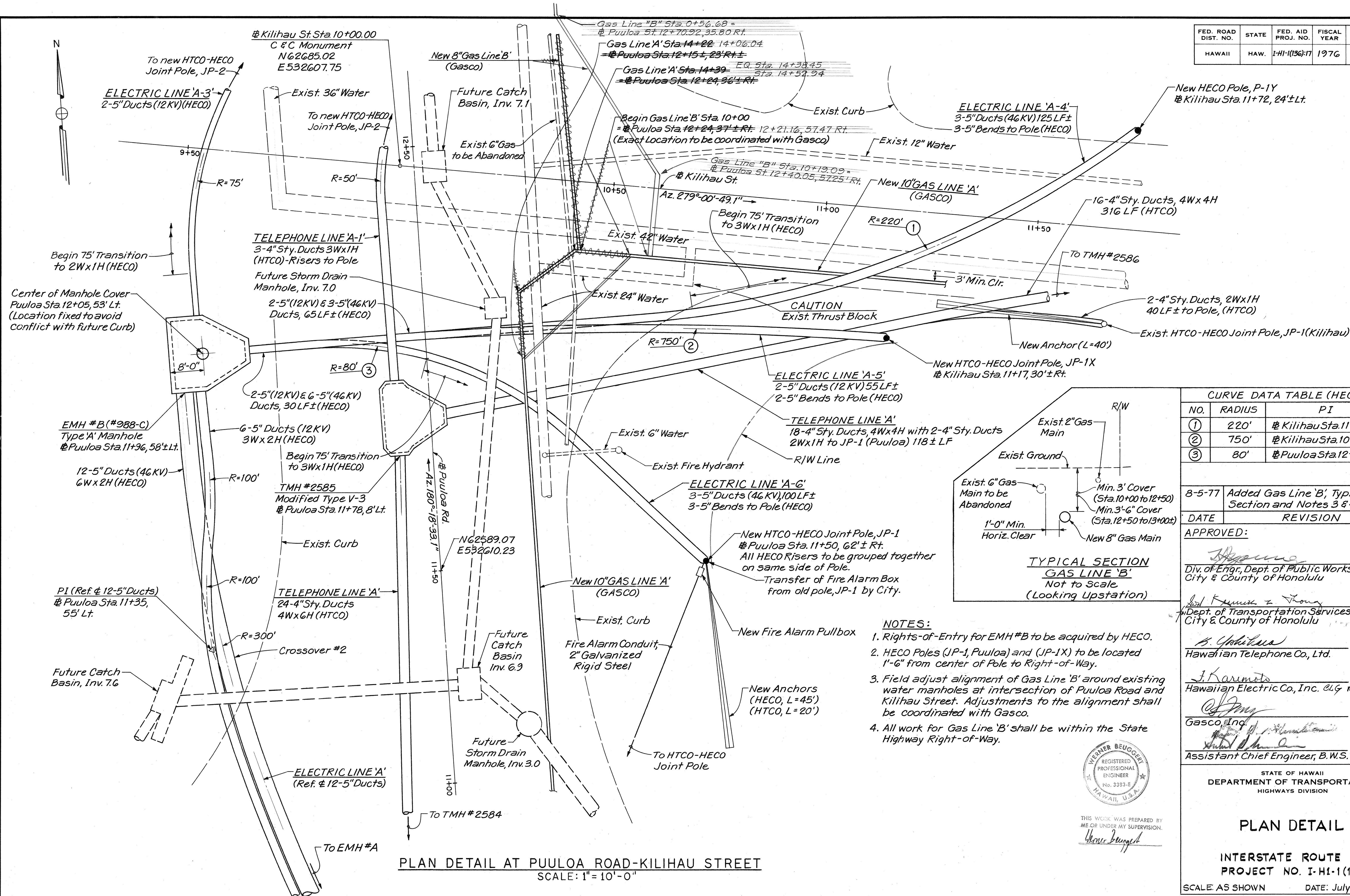
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION:
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN DETAILS

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1(136)-17
SCALE: AS SHOWN DATE: July 15, 1976
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(136)-17	1976	12	124



CURVE DATA TABLE (HECO)		
NO.	RADIUS	PI
①	220'	# Kilihau Sta. 11+25.19 ± Rt.
②	750'	# Kilihau Sta. 10+52.32 ± Rt.
③	80'	# Puuloa Sta. 12+06.9 ± Rt.

DATE	REVISION
8-5-77	Added Gas Line 'B', Typical Section and Notes 3 & 4.

APPROVED:

[Signature] 8/13/76
Div. of Engr., Dept. of Public Works, Date
City & County of Honolulu

[Signature] 7-20-76
Dept. of Transportation Services, Date
City & County of Honolulu

[Signature] 8-19-76
Hawaiian Telephone Co., Ltd. Date

[Signature] 7/27/76
Hawaiian Electric Co., Inc. Date

[Signature] 8/14/76
Gasco, Inc. Date

[Signature] 8/19/76
Assistant Chief Engineer, B.W.S. Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN DETAIL

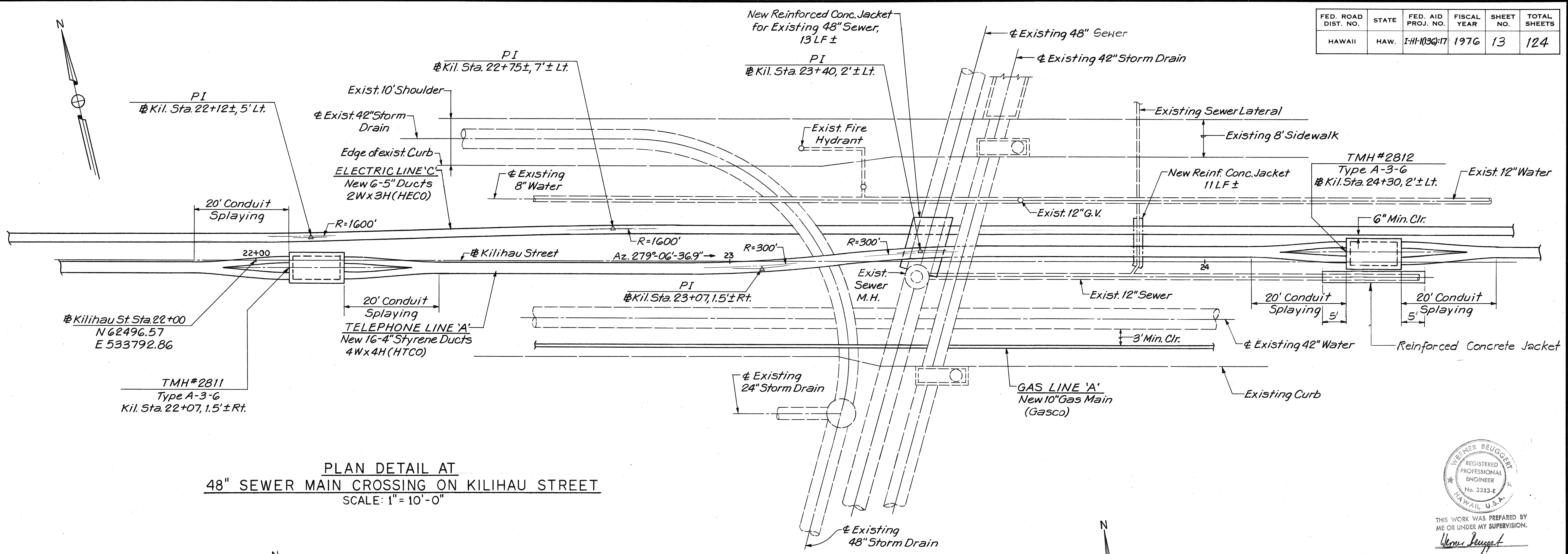
INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(136)-17

SCALE: AS SHOWN DATE: July 15, 1976

SHEET NO. 2 OF 6 SHEETS

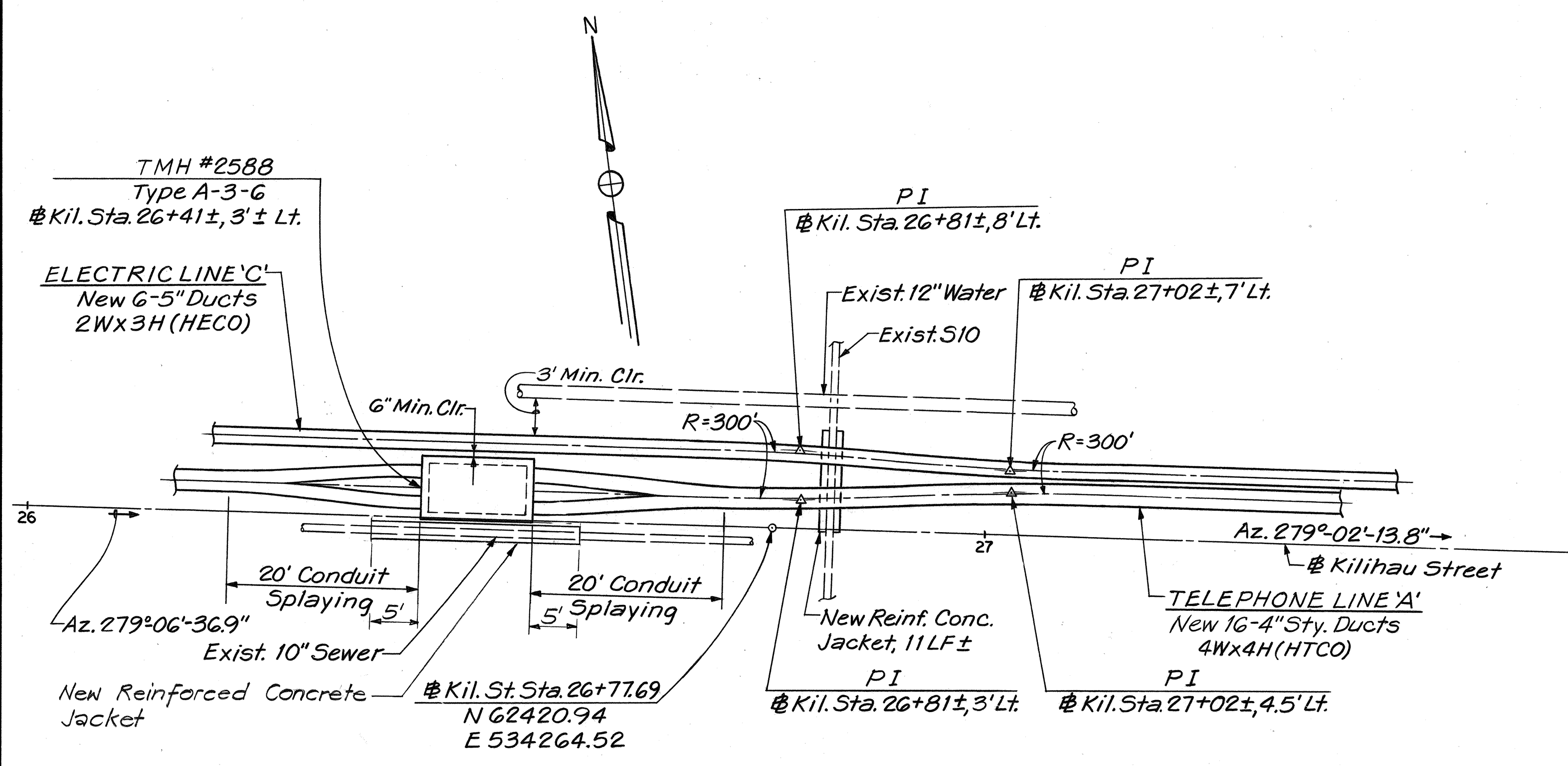
C.O. 12

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(136):17	1976	13	124

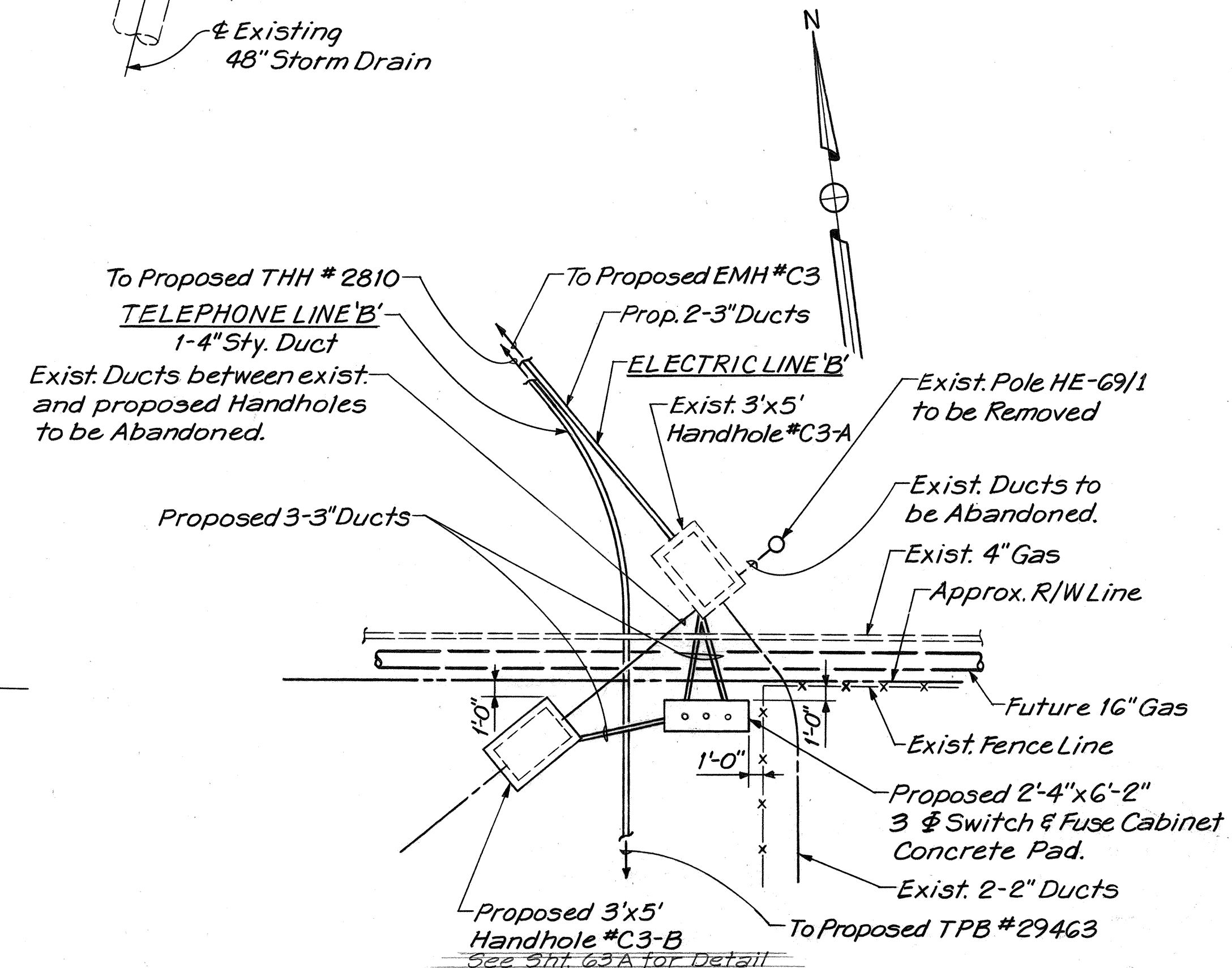


PLAN DETAIL AT
48" SEWER MAIN CROSSING ON KILIHOU STREET
SCALE: 1" = 10'-0"

WEINER BEUGERT
REGISTERED
PROFESSIONAL
ENGINEER
No. 3383-E
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Werner Beugert



PLAN DETAIL AT TMH NO. 2588
SCALE: 1" = 10'-0"



PLAN DETAIL AT SEWAGE PUMPING STATION
SCALE: 1/8" = 1'-0"

APPROVED:
E. Iwano 8/21/76
Division of Sewers
City & County of Honolulu Date
J. Hagan 9/13/76
Div. of Engr., Dept. of Public Works
City & County of Honolulu Date
H. Uchikawa 8/19/76
Hawaiian Telephone Co., Ltd. Date
J. Karamoto 7/27/76
Hawaiian Electric Co., Inc. Date
G. Masco 8/14/76
Gasco, Inc. Date
W. W. Munn 8/14/76
Assistant Chief Engineer, B.W.S. Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN DETAILS

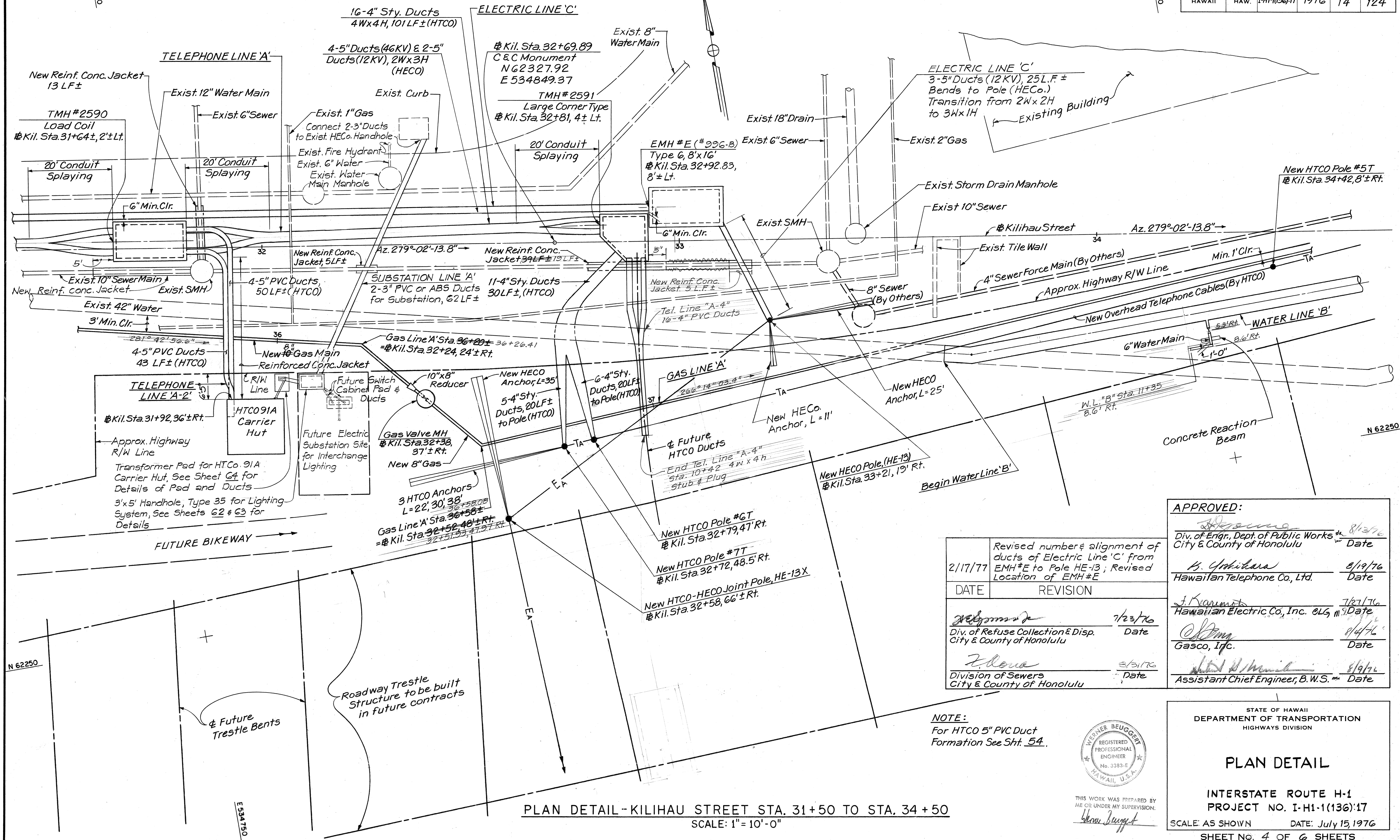
INTERSTATE ROUTE H-1
PROJECT NO. I-H-1(136):17
SCALE: AS SHOWN DATE: July 15, 1976
SHEET NO. 3 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
NO.	

E534750

E535000

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(136)17	1976	14	124



APPROVED:

[Signature]
Div. of Engr., Dept. of Public Works
City & County of Honolulu
Date 8/13/76

[Signature]
Hawaiian Telephone Co., Ltd.
Date 8/19/76

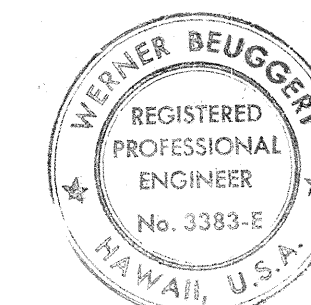
[Signature]
Hawaiian Electric Co., Inc. OLG
Date 7/27/76

[Signature]
Gasco, Inc.
Date 8/4/76

[Signature]
Assistant Chief Engineer, B.W.S.
Date 8/9/76

DATE	REVISION
2/17/77	Revised number & alignment of ducts of Electric Line 'C' from EMH #E to Pole HE-13; Revised Location of EMH #E
<i>[Signature]</i>	7/23/76 Div. of Refuse Collection & Disp. City & County of Honolulu Date
<i>[Signature]</i>	8/31/76 Division of Sewers City & County of Honolulu Date

NOTE:
For HTCO 5" PVC Duct
Formation See Sht. 54.



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[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN DETAIL

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(136)17

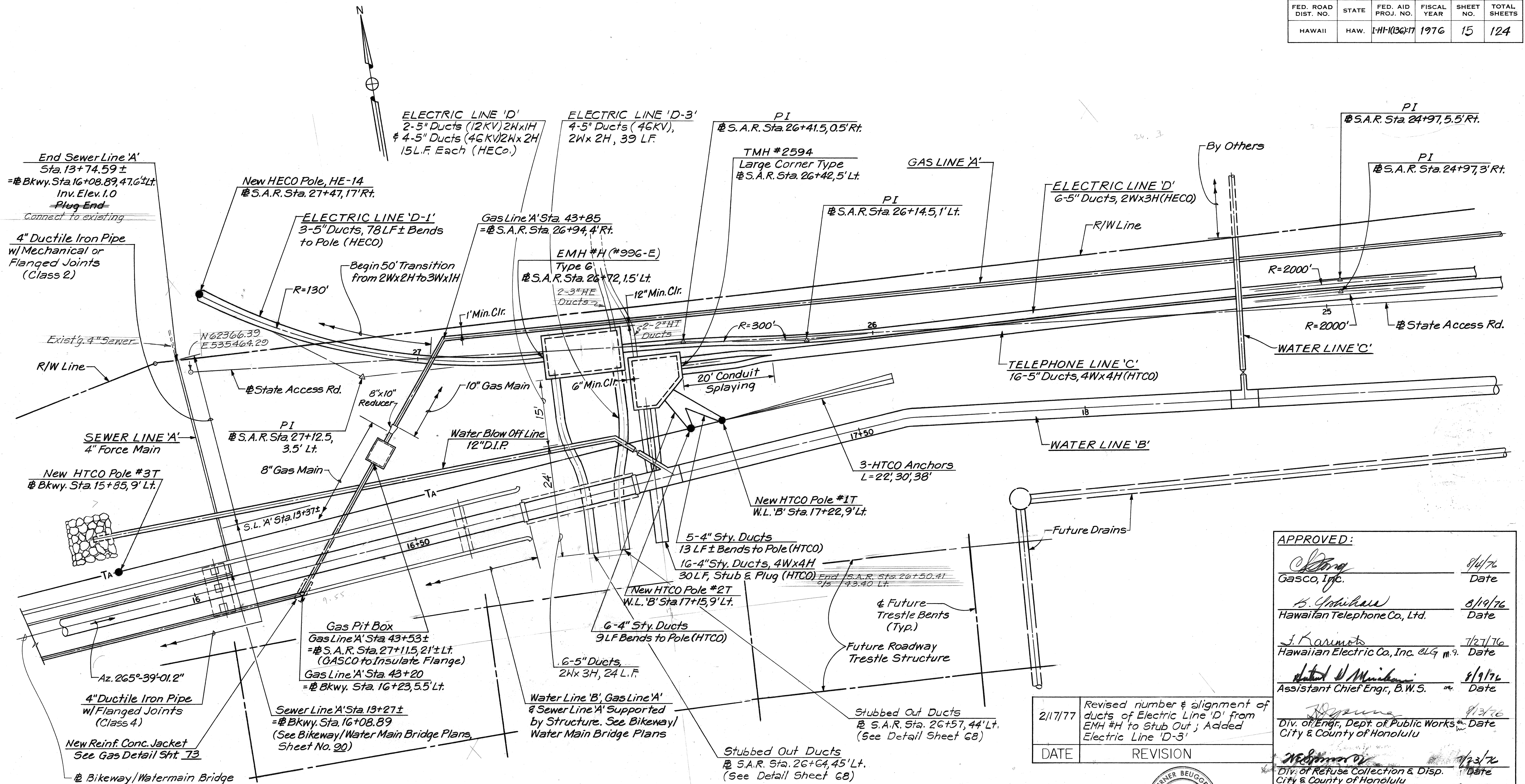
SCALE: AS SHOWN DATE: July 15, 1976
SHEET NO. 4 OF 6 SHEETS

C.O.14

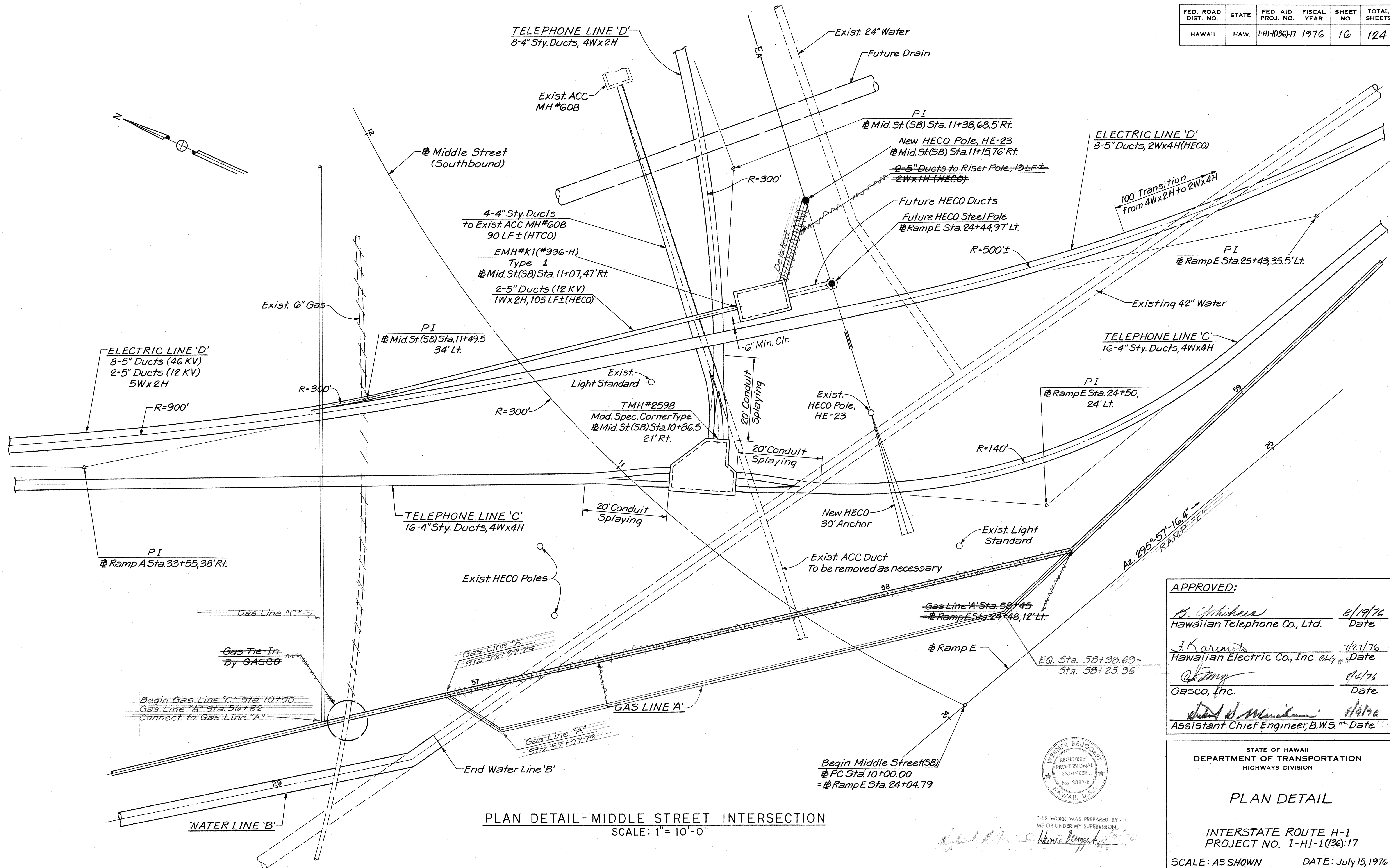
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	

PLAN DETAIL - KILIHOU STREET STA. 31+50 TO STA. 34+50
SCALE: 1" = 10'-0"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(136)-17	1976	15	124



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(136):17	1976	16	124



PLAN DETAIL-MIDDLE STREET INTERSECTION
SCALE: 1" = 10'-0"

APPROVED:

B. Yoshikawa 8/19/76
Hawaiian Telephone Co., Ltd. Date

J. Karamata 7/27/76
Hawaiian Electric Co., Inc. Date

[Signature] 8/4/76
Gasco, Inc. Date

[Signature] 8/4/76
Assistant Chief Engineer, B.W.S. Date

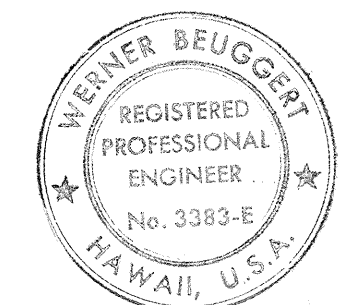
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN DETAIL

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1(136):17

SCALE: AS SHOWN DATE: July 15, 1976
SHEET NO. 6 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	



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