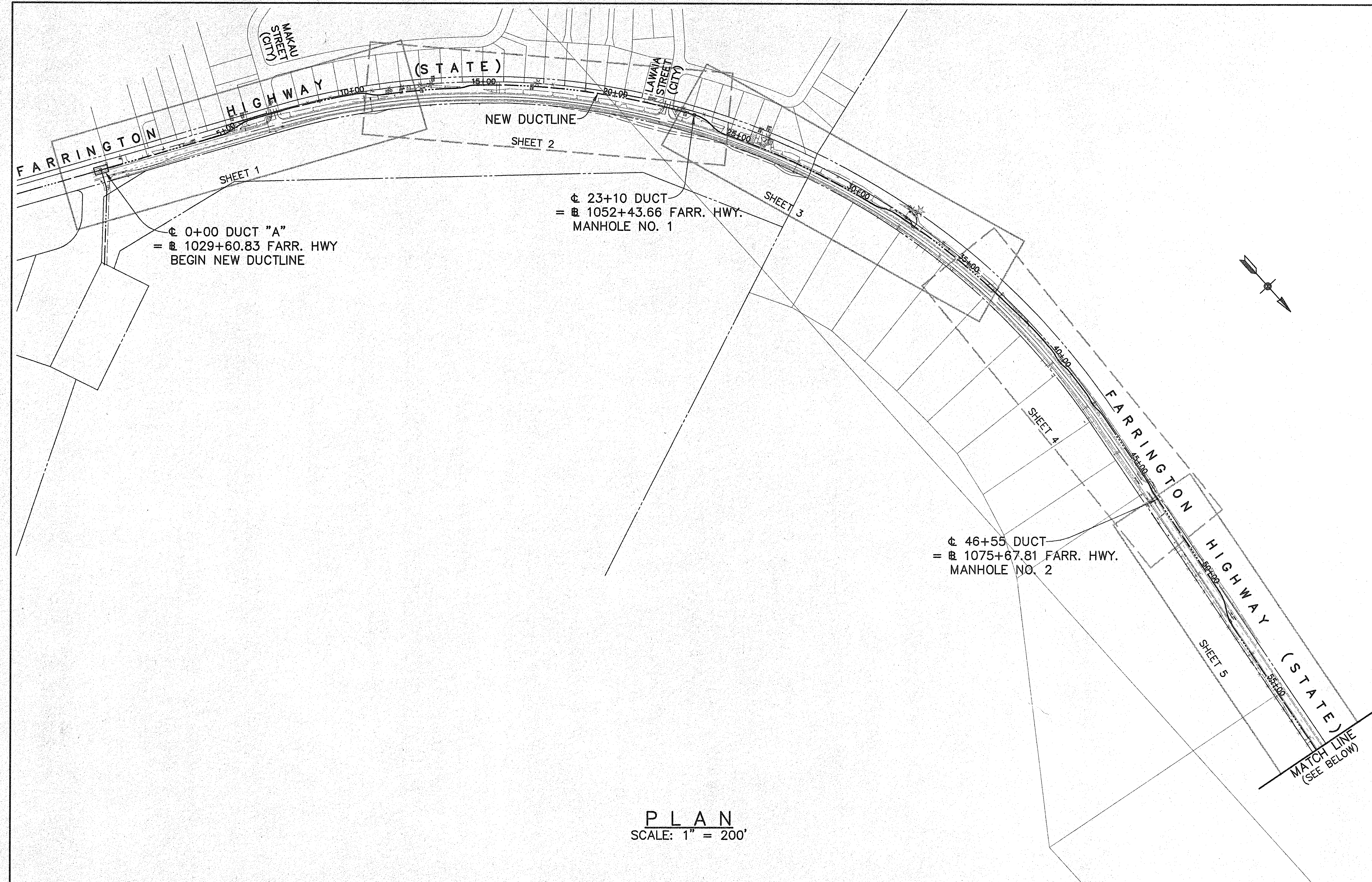
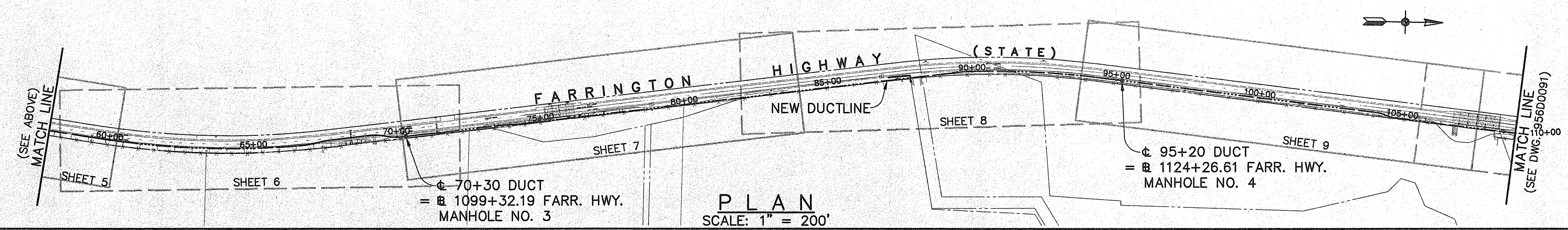




PLAN
SCALE: 1" = 200'



PLAN
SCALE: 1" = 200'

REVISIONS:

NOTES:



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APPROVED FOR
OUTSIDE PLANT ENGINEER DATE
I HEREBY CERTIFY THAT THIS DOCUMENT WAS
PREPARED BY ME OR UNDER MY DIRECT SUPER-
VISION AND THAT I AM A DULY REGISTERED
ENGINEER UNDER THE LAWS OF THE STATE OF
HAWAII.
SIGNED *[Signature]*
DATE 10/14/99 REG. NO. 5448-C

ParEn, Inc.
dba Park Engineering
SUITE 300, KAWAHAUO PLAZA
567 SOUTH KING STREET
HONOLULU, HAWAII 96813
TELEPHONE: (808) 521-1870

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

SPECIFICATION WT 95656
ESTIMATE 73

OWNERSHIP: -
CABLE GEO: H10206
CABLE CLI: WNAEHU0004

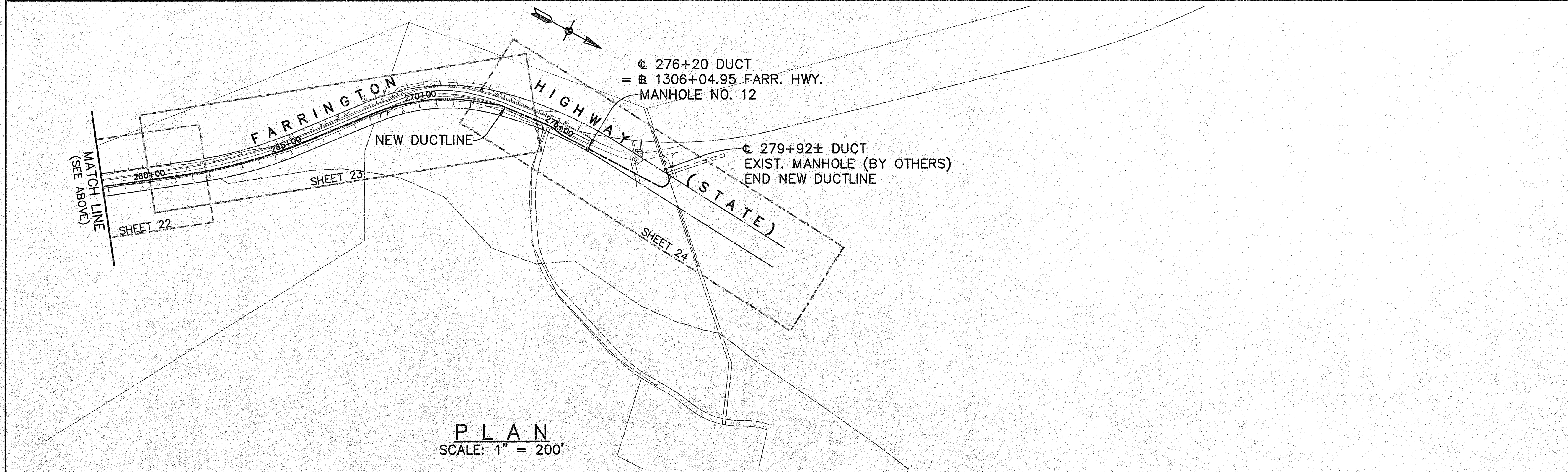
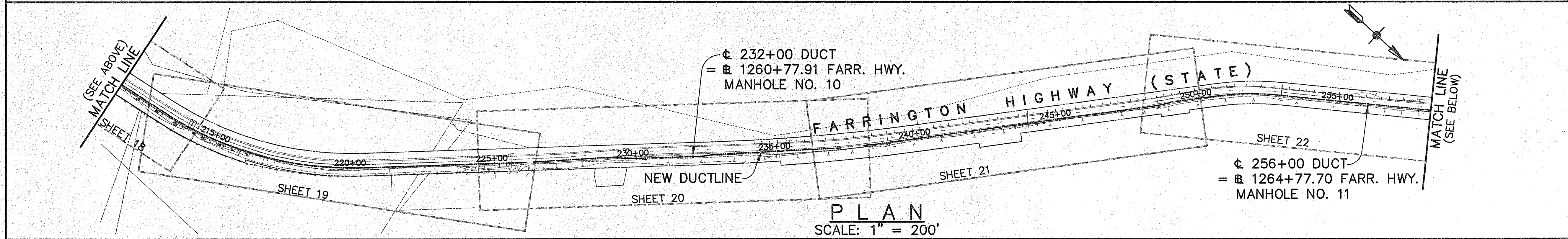
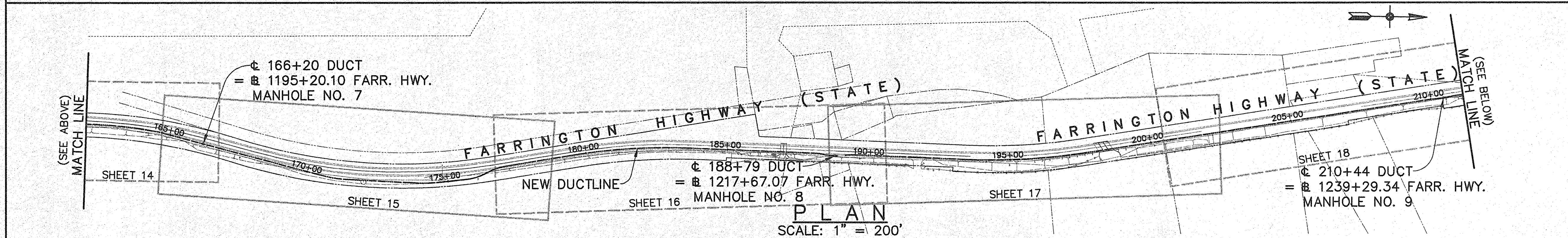
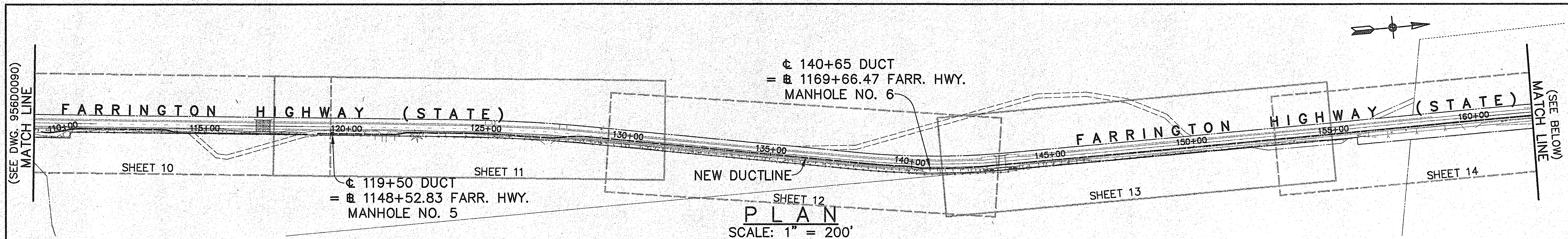
SCALE: 1" = 200'

MAKAHA CABLE STATION
TO KEAWAULA CABLE STATION
LIGHTGUIDE SYSTEM

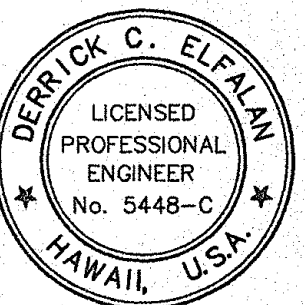
MAKAHA TO KEAWAULA FTA

GENERAL LAYOUT
DRAWING

WT 956D0090



REVISIONS:



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ENGINEER UNDER THE LAWS OF THE STATE OF
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SIGNED: *Derrick C. Elftan*
DATE: 10/14/99 REG. NO. 5448-C

ParEn, Inc.
dba Park Engineering
SUITE 300, KAWAHAU PLAZA
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HONOLULU, HAWAII 96813
TELEPHONE: (808) 531-1676

PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS
SPECIFICATION WT 35956
ESTIMATE 73

OWNERSHIP: -
CABLE GEO: H10206
CABLE CLI: WNAEHU0004

SCALE: 1" = 200'

MAKAHA CABLE STATION
TO KEAWAULA CABLE STATION
LIGHTGUIDE SYSTEM

MAKAHA TO KEAWAULA FTA
GENERAL LAYOUT
DRAWING

WT 956D0091