ERM

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Project No: 0352436

Subject: Structural Stability and Sa

Based on our evaluation of the available information for the operating surface impoundments, the construction, operation, and maintenance of the CCR units are consistent with recognized and generally accepted good engineering practices a

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HTS, INC.
Consultants

July 20, 2016

ERM, Inc.
840 W. Sam Houston Parkway N
Suite 600
Houston, Texas 77024

Attn: Mr. Chris Cunningham P.E.

Re: Letter Report [illegible]
Ash Pond Berms - Spruce/Deely Generation Units
San Antonio, Texas

HTS Project No. [illegible]

Dear Mr. Cunningham:

This letter provides results of the slope stability analyses performed on the 2 sections provided by ERM, Inc. The original geotechnical investigation (report dated May 7, 2014) was performed by [illegible] Consultants (RKC). HTS was [illegible] [illegible]

[illegible] RKC report and the subsoil profile defined by Geotechnical Boring No. 7 which is located near section [illegible] as presented in RKC report [illegible] [illegible]

[illegible]

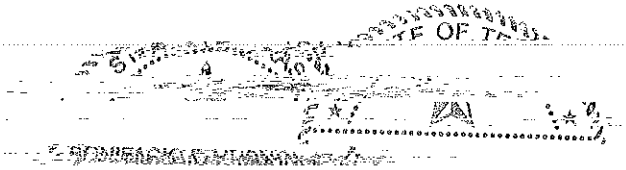
[illegible] to the ground surface for a conservative analysis. The results of these analyses are shown below and in Appendix B.

SECTION	FACTOR OF SAFETY (LONG TERM CONDITION)
Section Along CSA	4.06
Section Along CSB	4.08

The results of the stability analyses using the shear strength parameters as provided above

Should you have any questions or require anything else, please contact us.

Sincerely,



Senior Engineer

HTS, Inc. Consultants

Attachments: Appendix A – Slope Section Configurations

BFM/ba/cg

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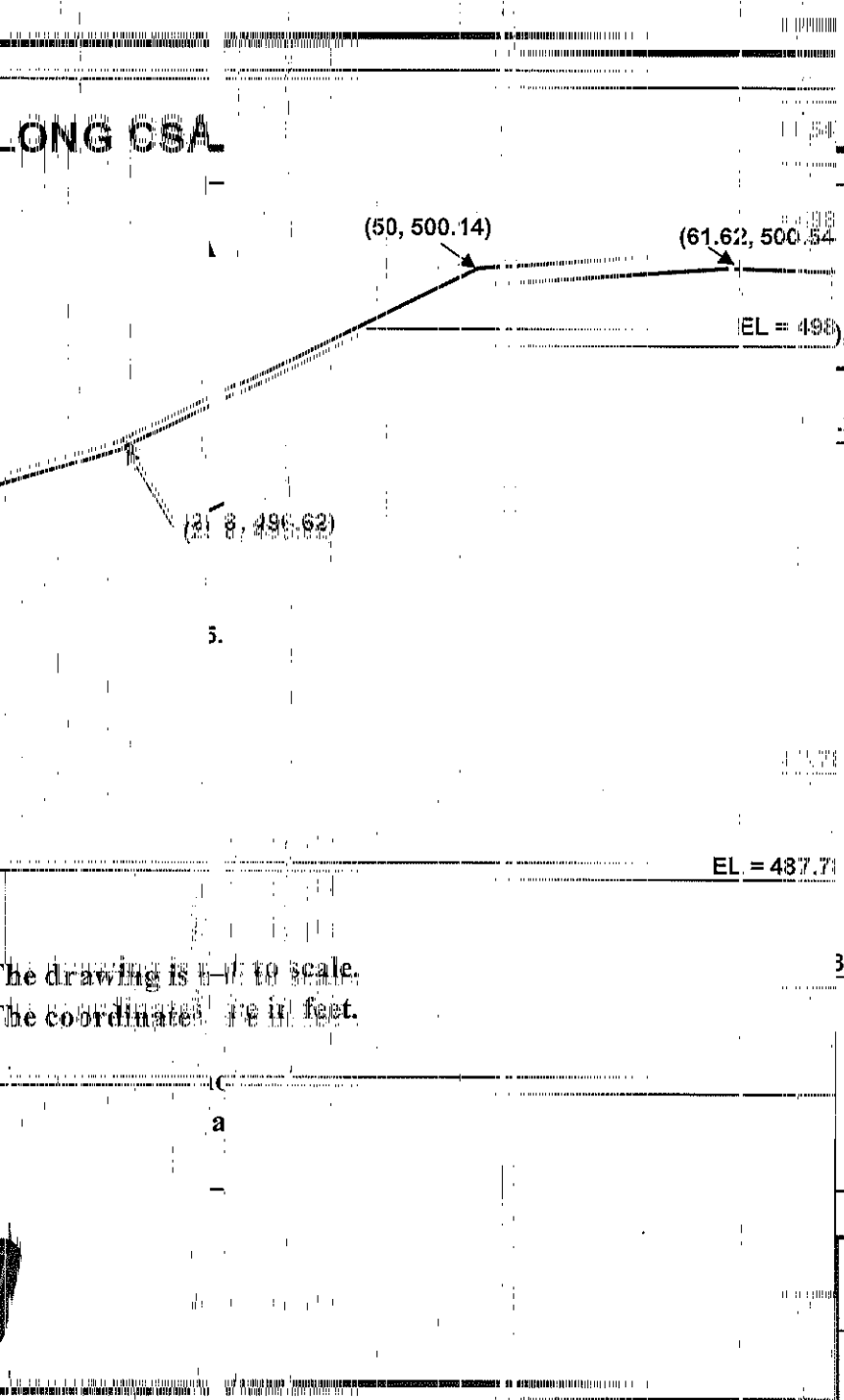
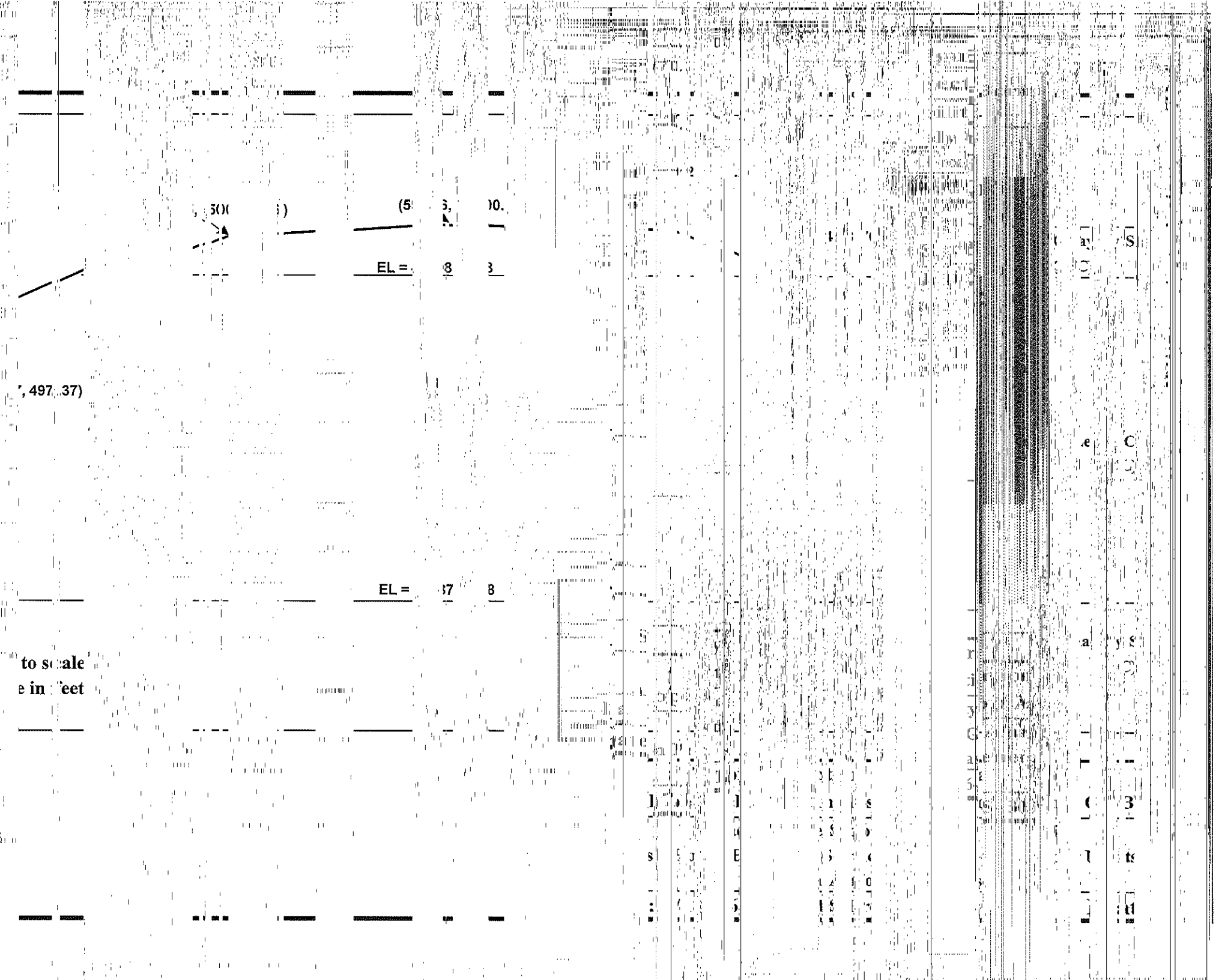
APPENDIX A


LONG CSA
(50, 500.14)
(61.62, 500.54
EL = 498
.28
(2 8, 496.62)
EL = 487.7
he drawing is n—t to scale.
he coordinate re in feet.
a


EL =
EL =
to scale
e in feet