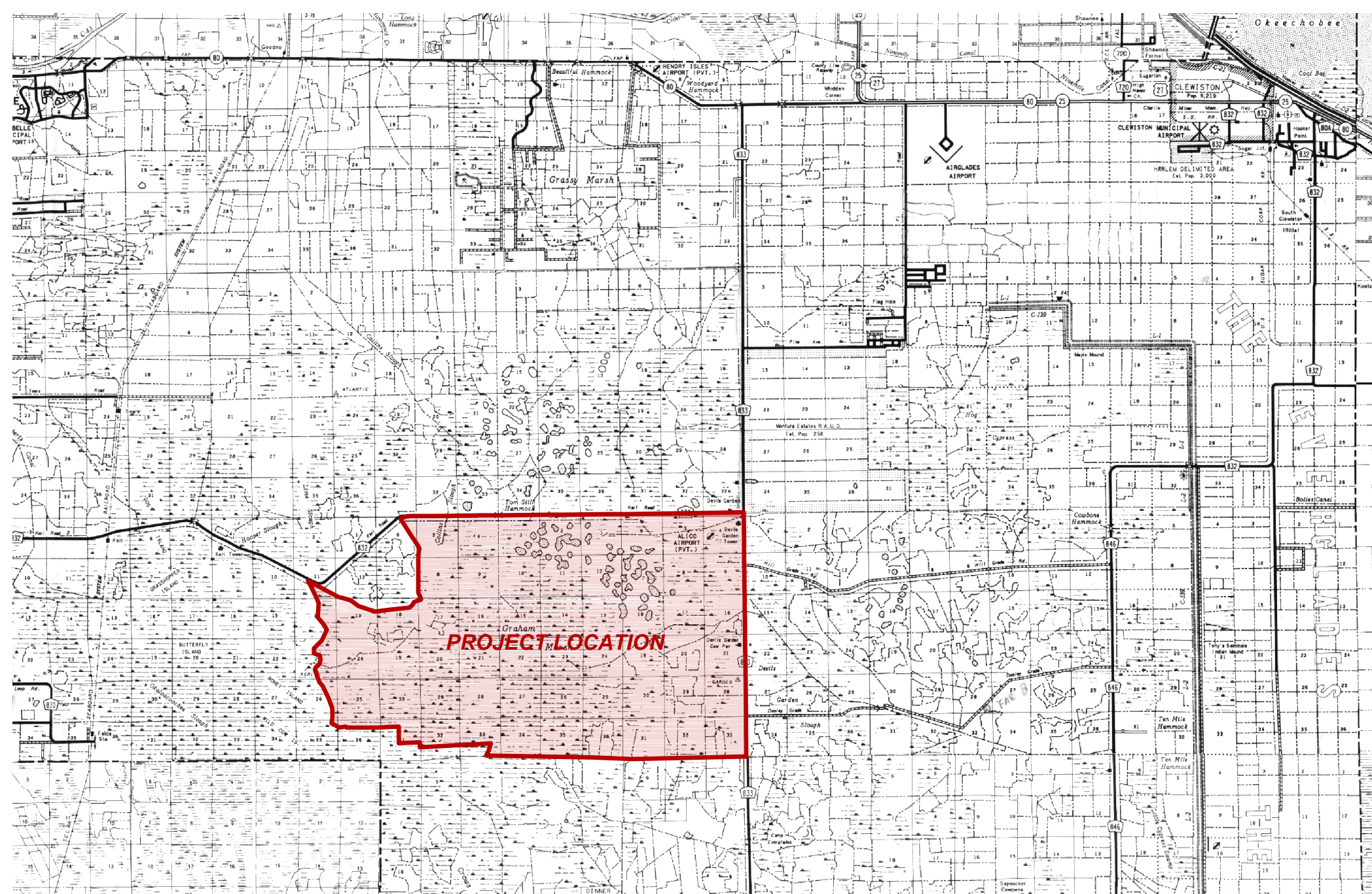
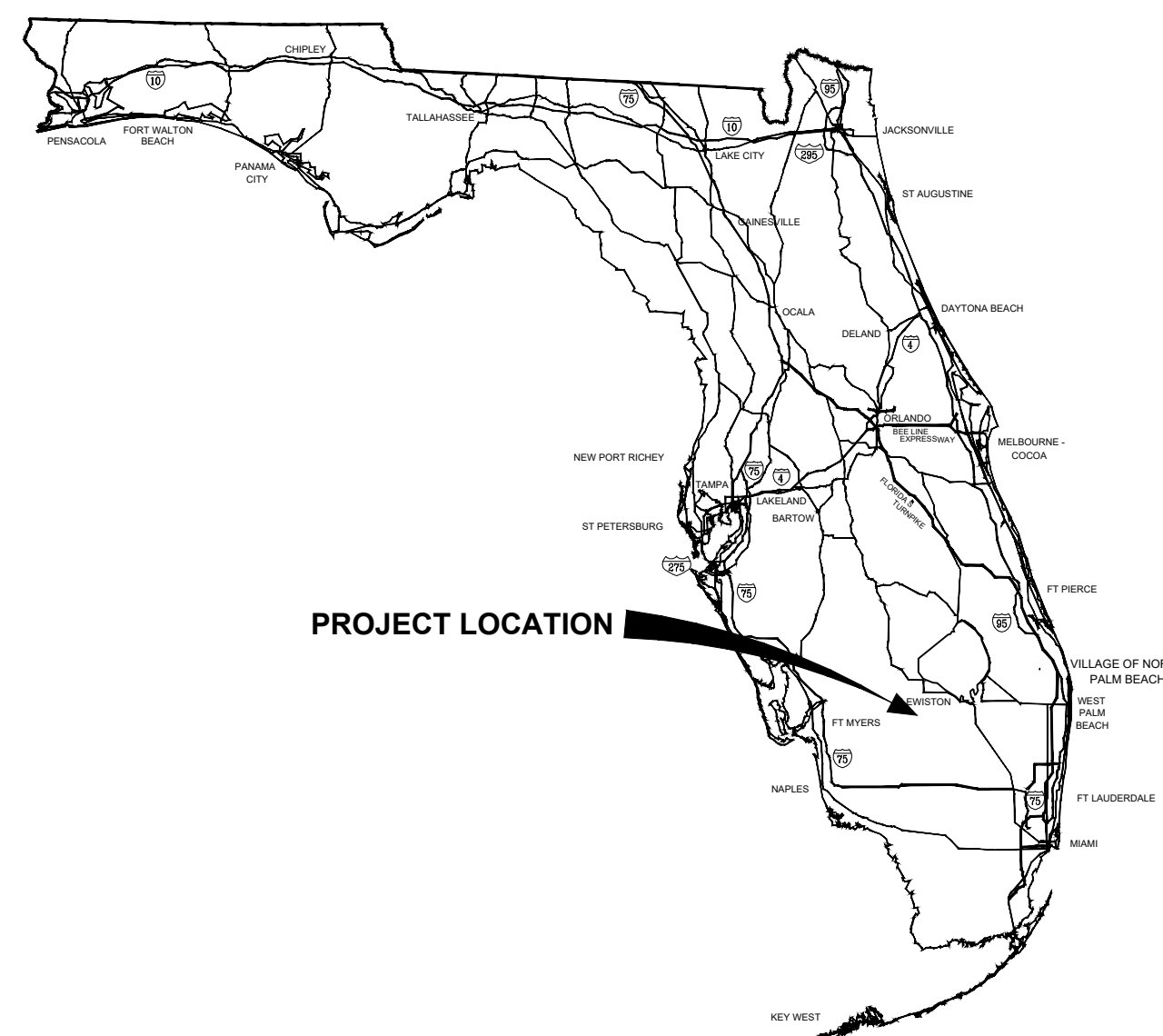


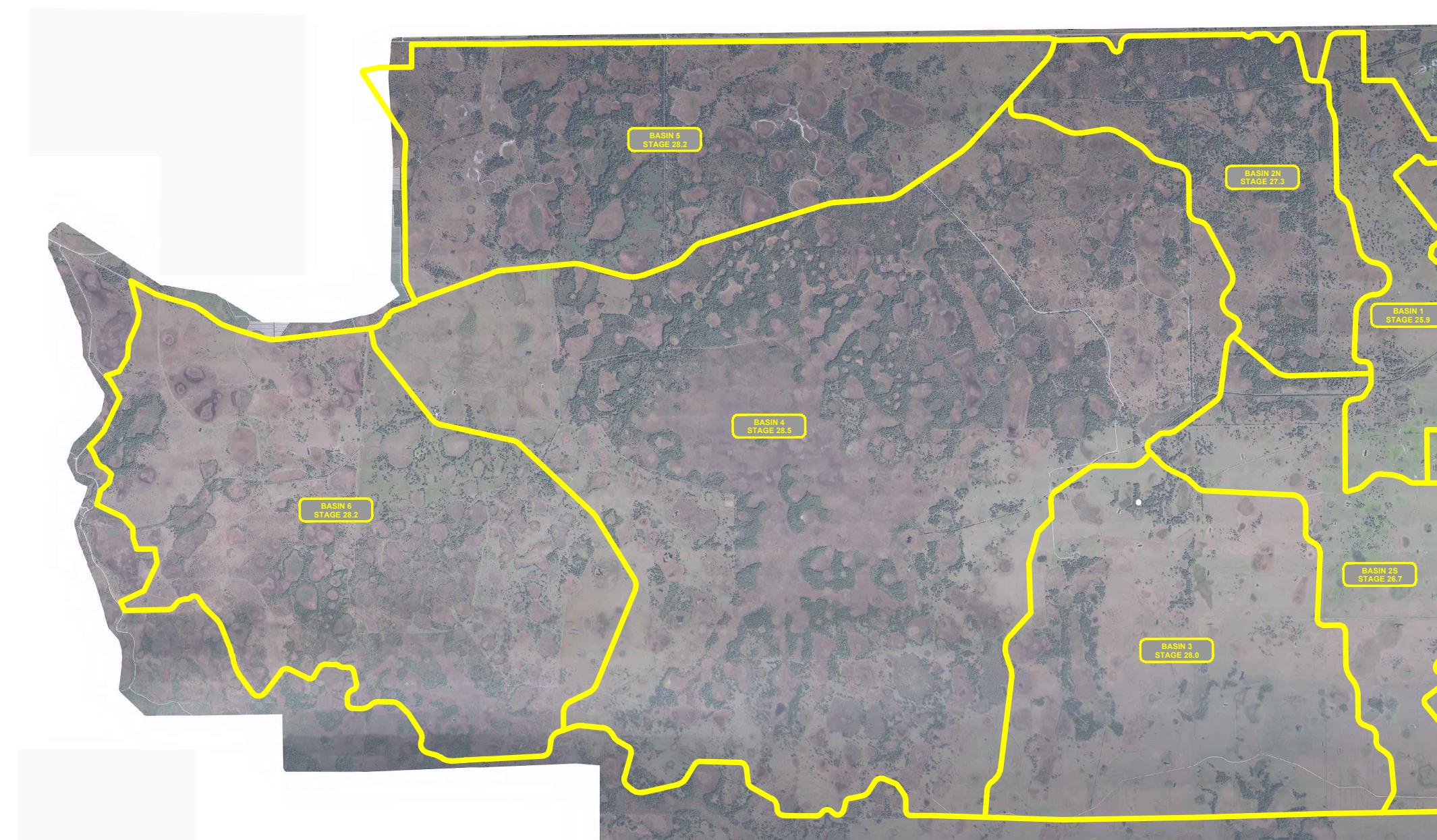
"PES PROJECT"
IN TOWNSHIP 45 SOUTH, RANGE 30 EAST,
THRU TOWNSHIP 45 SOUTH, RANGE 32 EAST,
HENDRY COUNTY, FLORIDA
JANUARY - 2017



VICINITY MAP
SCALE: 1" = 3 MILES



LOCATION MAP
NOT TO SCALE



PROJECT AERIAL
SCALE: 1" = 1 MILE

NOTES:

ALL ELEVATIONS ARE IN NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 1988)

THE OWNER HAS NOT OBTAINED A PERMIT(S) TO DEWATER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A DEWATERING PERMIT IF DEWATERING IS REQUIRED.

EXCAVATION IS UNCLASSIFIED

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING UTILITY LINES ARE NOT IMPACTED AND SHALL CALL PRIOR TO ANY EXCAVATION.

SILT FENCE TO BE INSTALLED WHEN CONSTRUCTION ACTIVITIES OCCUR WITHIN 25' OF WETLAND. NO CONSTRUCTION ACTIVITIES SHALL OCCUR WITHIN 15' OF WETLAND.

SHEET INDEX

1 OF 6	COVER SHEET
2 OF 6	SITE PLAN
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4 OF 6	INUNDATION MAP
5 OF 6	DETAIL SHEET
6 OF 6	DETAIL SHEET
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FP	FENCE PLAN
KEY	PLAN PROFILES - KEY SHEET
N1 - N32	PLAN PROFILES - NORTH LEVEE
NX1 - NX5	CROSS SECTIONS - NORTH LEVEE
S1 - S51	PLAN PROFILES - SOUTH LEVEE
SX1 - SX8	CROSS SECTION - SOUTH LEVEE
E1 - E34	PLAN PROFILES - EAST LEVEE
EX1 - EX5	CROSS SECTIONS - EAST LEVEE
W1 - W33	PLAN PROFILES - WEST LEVEE
WX1 - WX5	CROSS SECTIONS - WEST LEVEE
A1 - A18	PLAN PROFILES - INTERIOR LEVEE "A"
AX1 - AX3	CROSS SECTIONS - INTERIOR LEVEE "A"
B1 - B36	PLAN PROFILES - INTERIOR LEVEE "B"
BX1 - BX6	CROSS SECTIONS - INTERIOR LEVEE "B"
C1 - C14	PLAN PROFILES - INTERIOR LEVEE "C"
CX1 - CX2	CROSS SECTIONS - INTERIOR LEVEE "C"
D1 - D20	PLAN PROFILES - INTERIOR LEVEE "D"
DX1 - DX3	CROSS SECTIONS - INTERIOR LEVEE "D"
F1 - F17	PLAN PROFILES - INTERIOR LEVEE "F"
FX1 - FX3	CROSS SECTIONS - INTERIOR LEVEE "F"

PREPARED BY:

Thomas C. Perry, Jr., P.E.
Fl. Cert. No. 49314

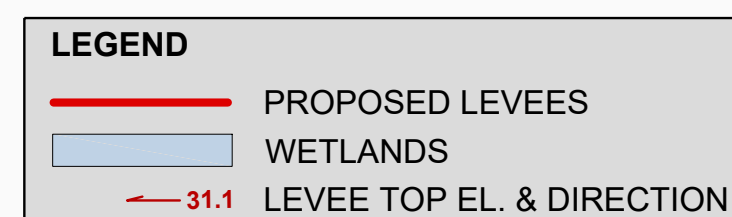
ADDED NOTES	2/6/2017	S.N.F.
ADDED SPECIFICATIONS, ADDED CROSS SECTION SHEETS	4/18/2016	S.N.F.
REVISIONS	DATE	BY

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PES PROJECT - SITE PLAN
IN T. 45 S., R. 30 E. THRU T. 45 S., R. 32 E.,
HENDRY COUNTY, FLORIDA TO SERVE
"ALICO, INC."

SHEET
1
OF
6



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SURVEYED DATE: 04-20-2015			
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PES PROJECT - SITE PLAN
IN T. 45 S., R. 30 E. THRU T. 45 S., R. 32 E.,
HENDRY COUNTY, FLORIDA TO SERVE
"ALICO, INC."

CONTOUR LEGEND

CONTOUR 24

CONTOUR 25

CONTOUR 26

CONTOUR 27

CONTOUR 28

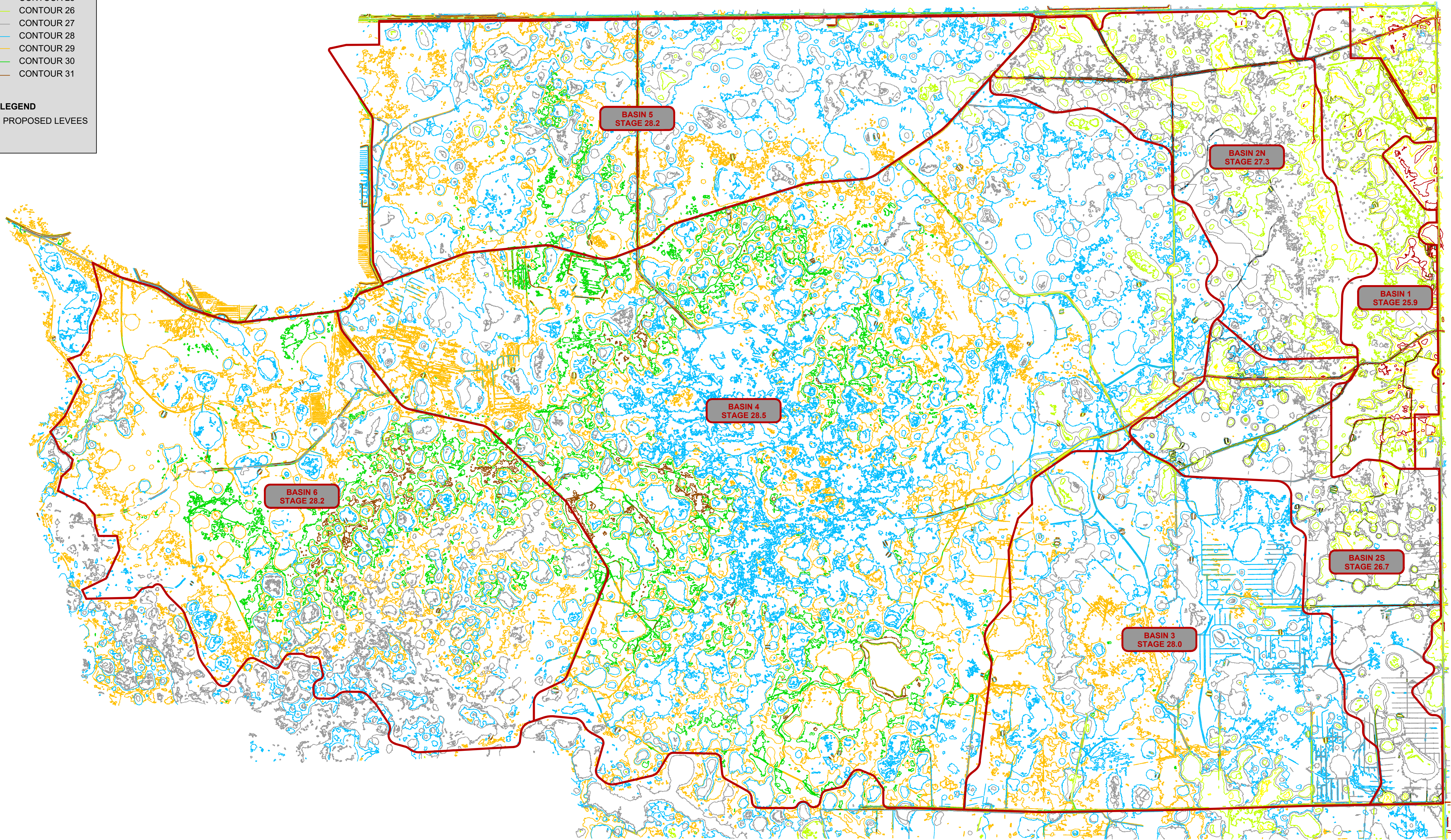
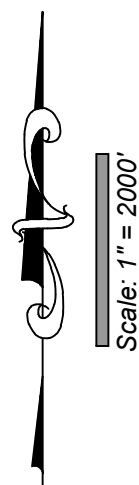
CONTOUR 29

CONTOUR 30

CONTOUR 31

LEGEND

PROPOSED LEVEES



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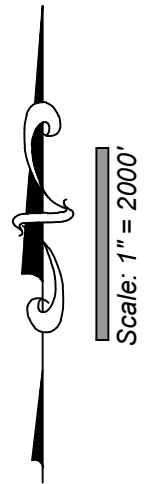
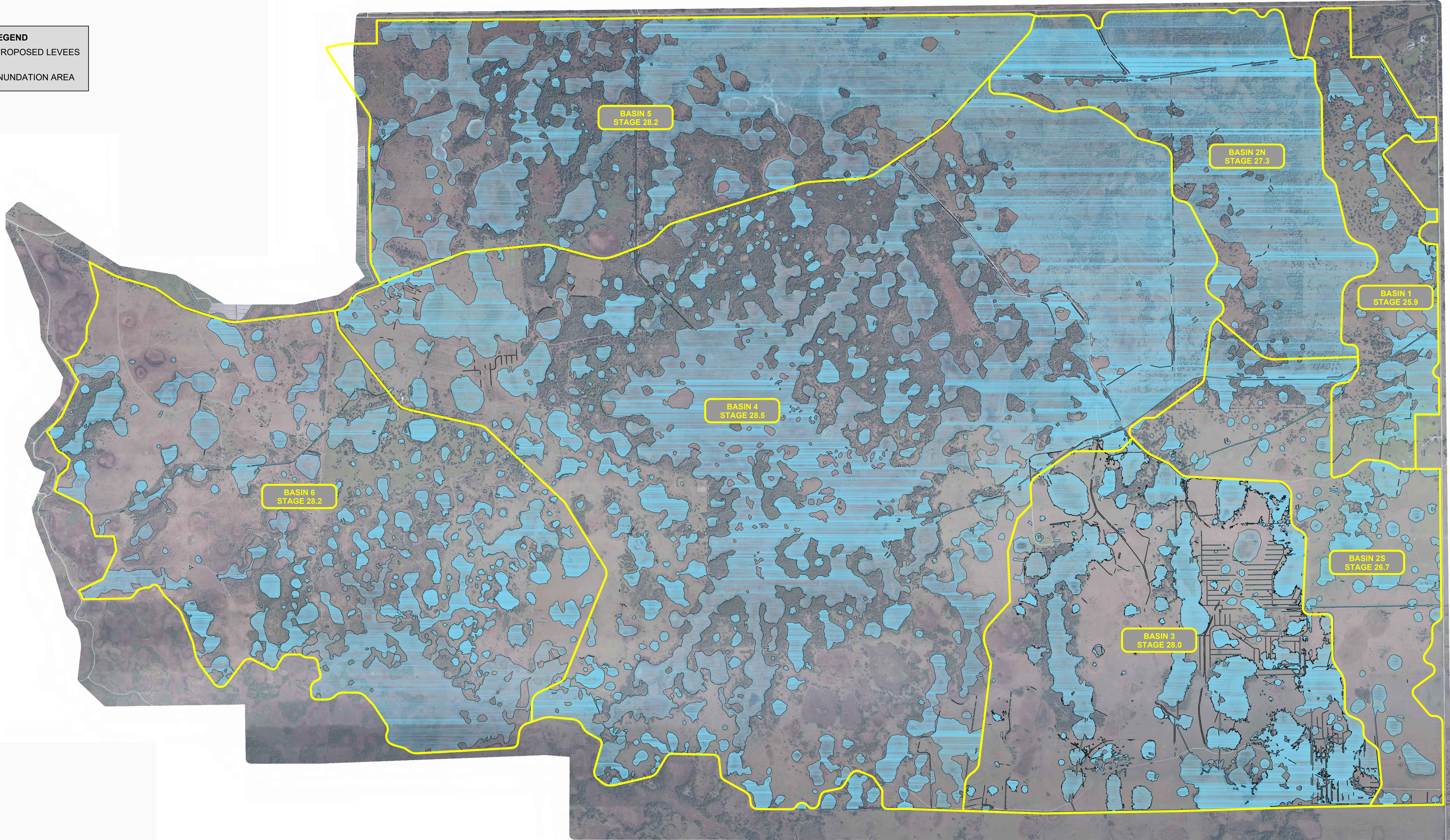
PES PROJECT - TOPO MAP
IN T. 45 S., R. 30 E. THRU T. 45 S., R. 32 E.,
HENDRY COUNTY, FLORIDA TO SERVE
"ALICO, INC."

SHEET
3
OF
6

LEGEND

PROPOSED LEVEES

INUNDATION AREA

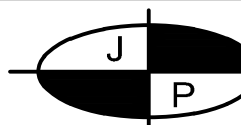


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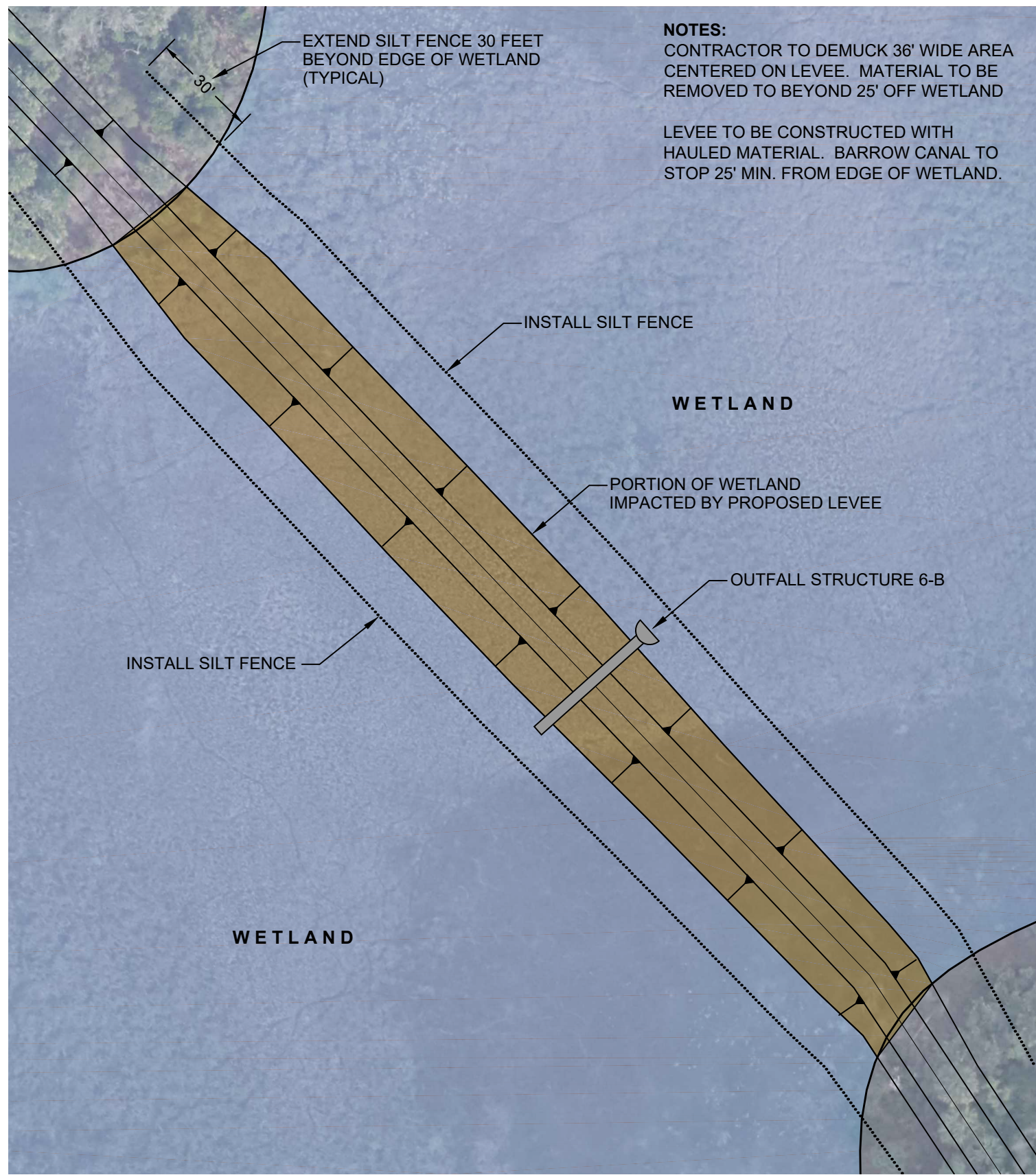
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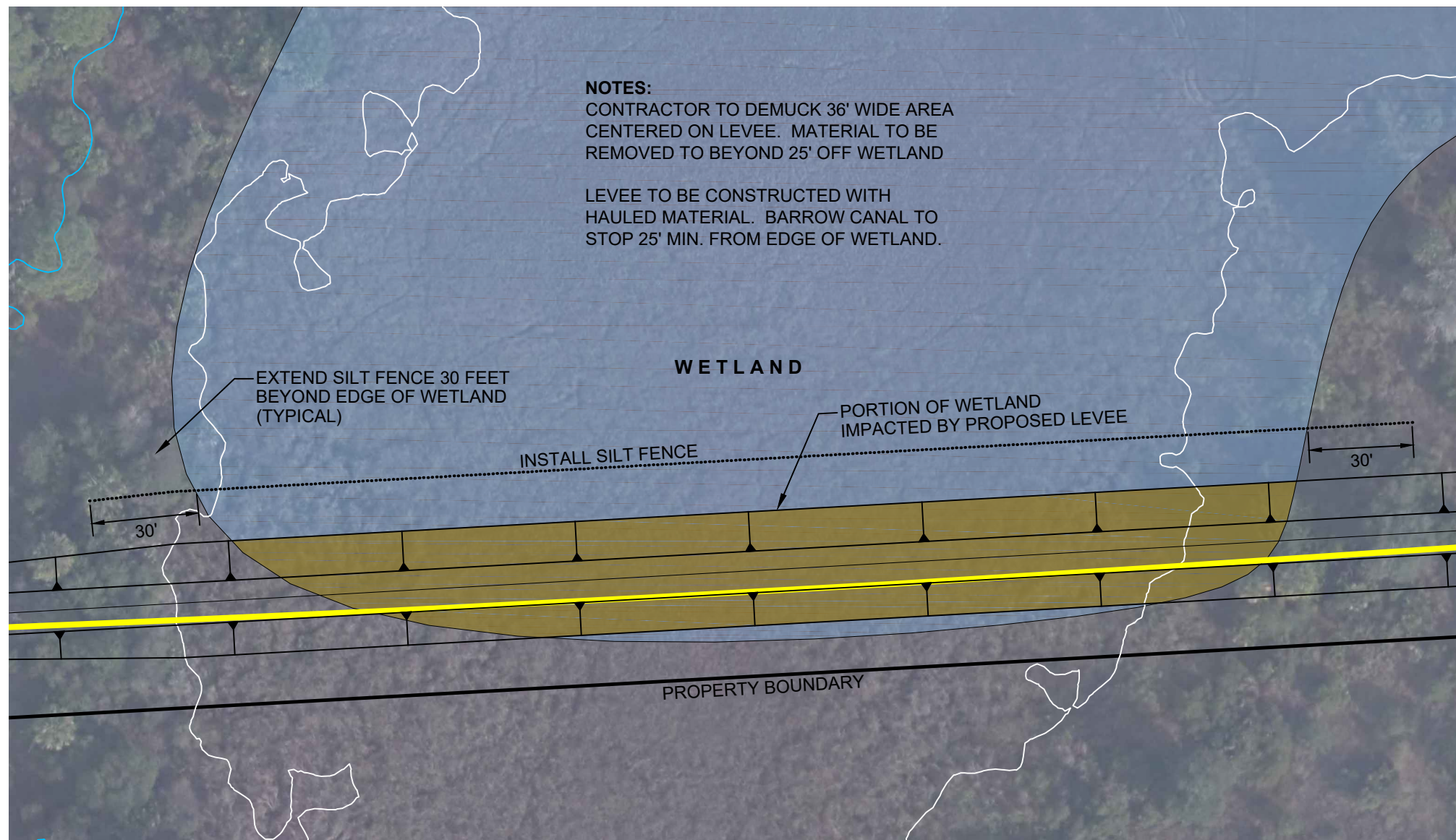
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PES PROJECT - INUNDATION MAP
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HENDRY COUNTY, FLORIDA TO SERVE
"ALICO, INC."

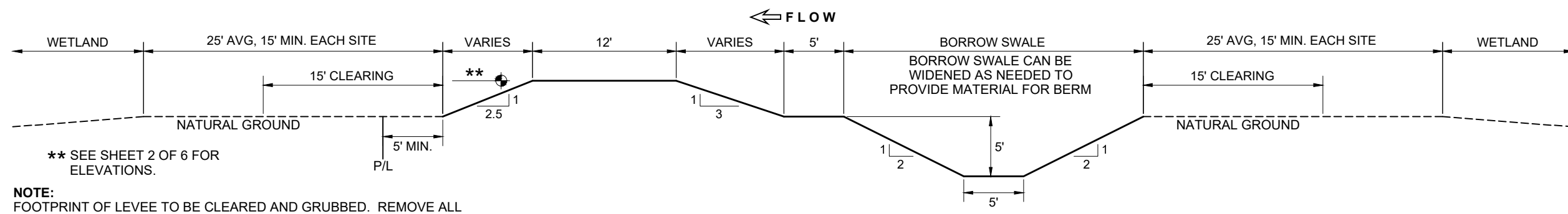
SHEET
4
OF
6



WETLAND IMPACT DETAIL "A" - 0.26 ACRES
SCALE: 1" = 40'

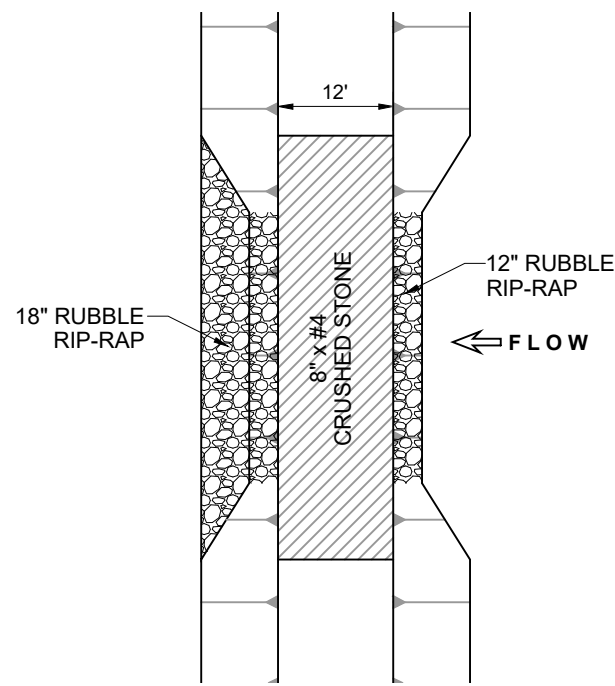


WETLAND IMPACT DETAIL "B" - 0.20 ACRES
SCALE: 1" = 40'

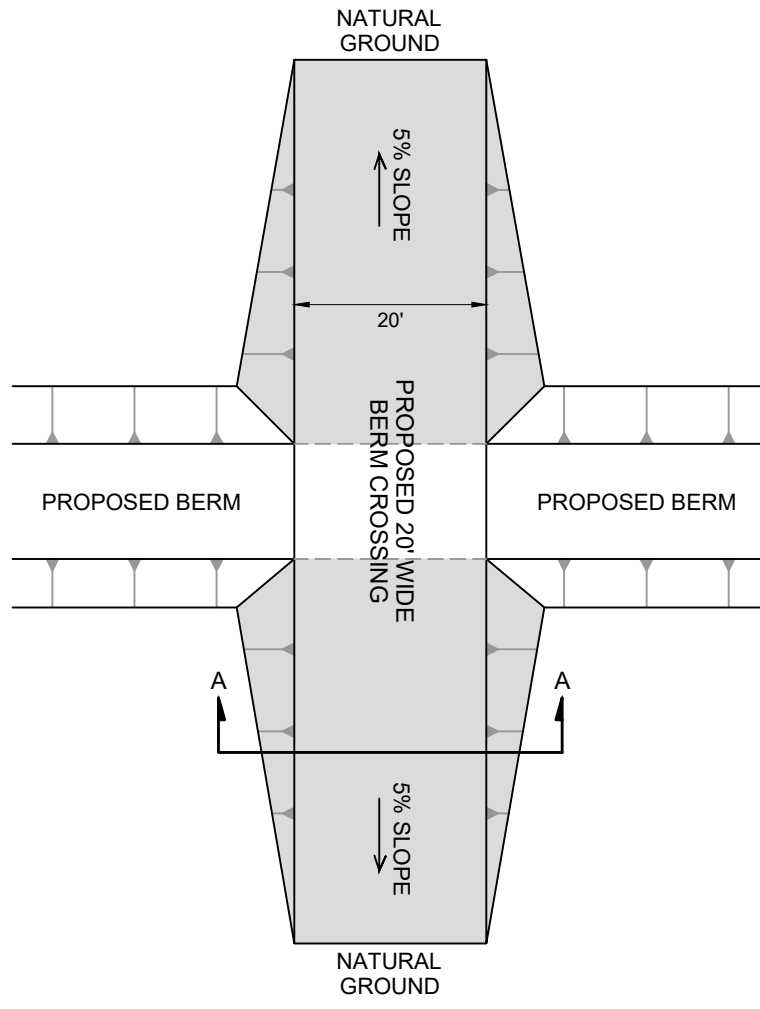


TYPICAL LEVEE DETAIL
SCALE: 1" = 10'

EMERGENCY OVERFLOW STRUCTURE TABLE			
STRUCTURE	WEIR CREST (ft NAVD)	WEIR LENGTH (feet)	TOP OF LEVEE (ft NAVD)
1-02	26.50	19	28.80
2-02	27.90	41	30.30
2-03	27.60	22	30.30
3-01	28.65	38	31.10
4-03	29.10	119	31.10
5-02	28.80	41	31.30
6-03	28.30	57	30.80



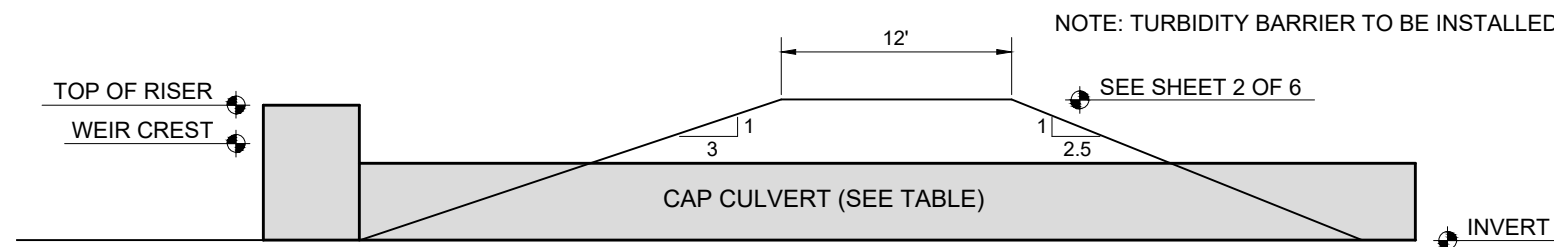
EMERGENCY OVERFLOW DETAIL - PLAN VIEW
SCALE: 1" = 20'



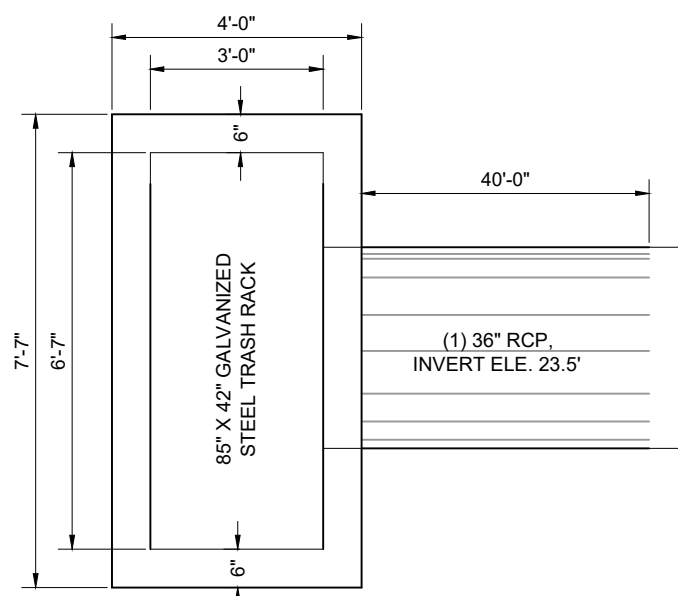
BERM CROSSING DETAIL - PLAN VIEW
SCALE: 1" = 20'

OUTFALL STRUCTURE TABLE						
STRUCTURE	PIPE DIA. (Inches)	LENGTH (feet)	INVERT (ft NAVD)	WEIR CREST (ft NAVD)	TOP OF RISER (ft NAVD)	TOP OF LEVEE (ft NAVD)
1-A	24	44	23.4	25.9	26.9	28.8
1-B	48	56	21.4	25.9	26.9	28.8
2-A	36	48	23.2	26.7	27.7	30.3
2-B	-	-	-	27.0	-	30.3
2-C	36	48	23.8	27.3	28.3	29.8
3-A	48	56	23.5	28.0	29.0	30.6
4-A	48	48	24.0	28.5	29.5	31.1
4-B	48	48	24.0	28.5	29.5	31.1
4-C	48	48	24.0	28.5	29.5	31.1
4-D	36	48	25.0	28.5	29.5	31.1
5-A	36	48	24.7	28.2	29.2	31.3
5-B	36	48	24.7	28.2	29.2	31.3
6-A	48	56	23.7	28.2	29.2	31.3
6-B	18	38	26.2	28.2	29.2	31.3

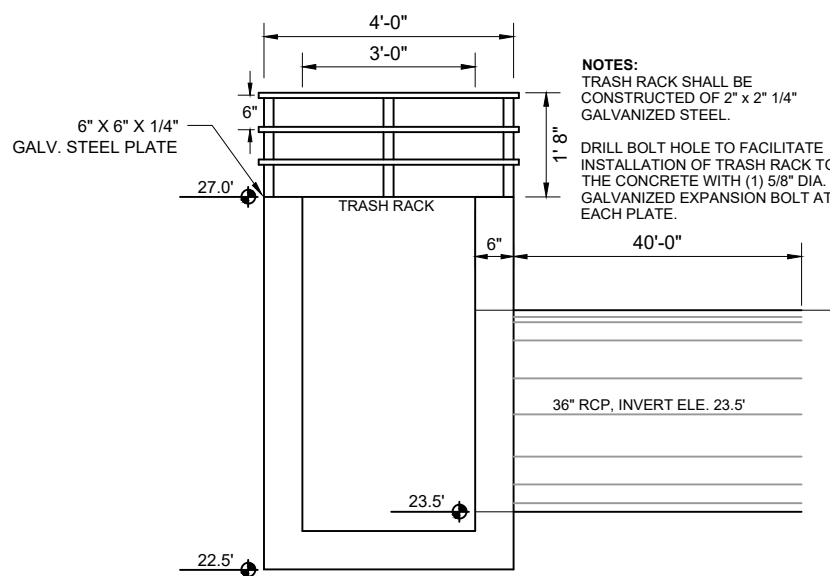
OUTFALL STRUCTURE TABLE
NOT TO SCALE



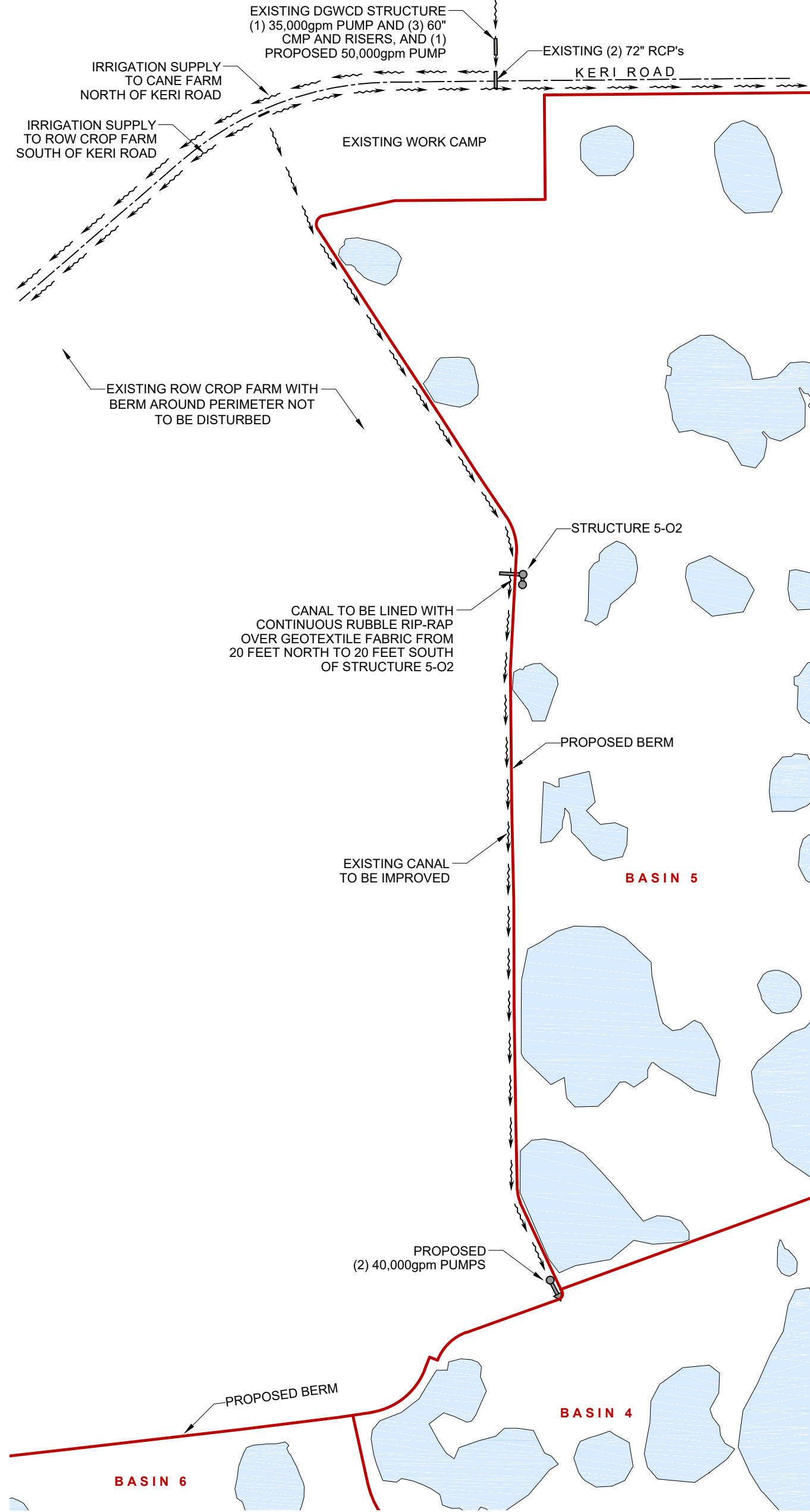
OUTFALL STRUCTURE DETAIL
SCALE: 1" = 10'



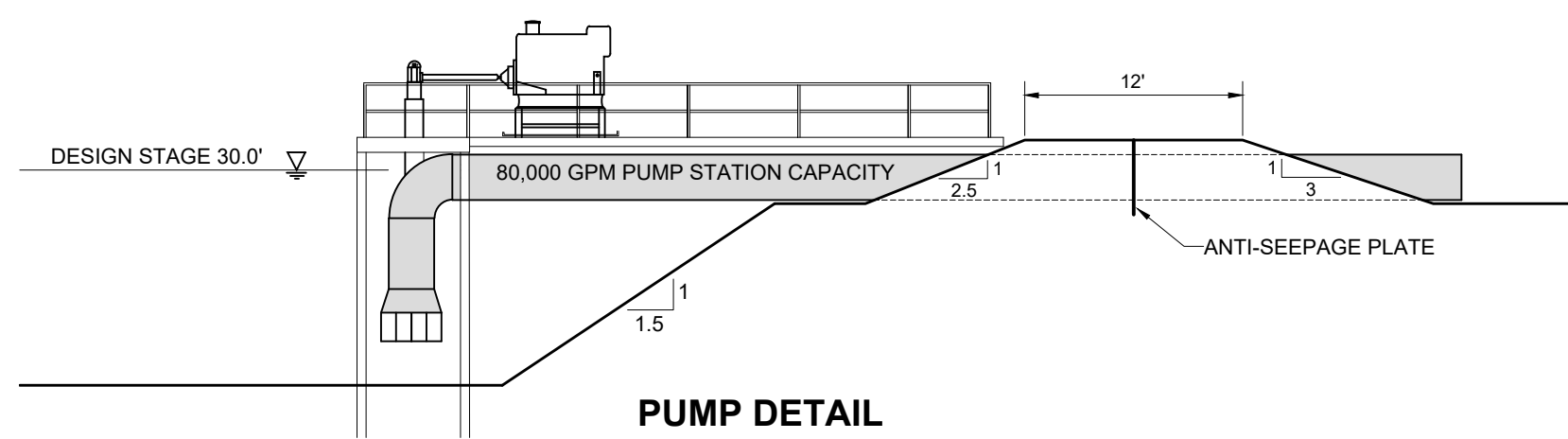
STRUCTURE 2-B FDOT TYPE "H" INLET (PLAN VIEW)
(NOT TO SCALE)



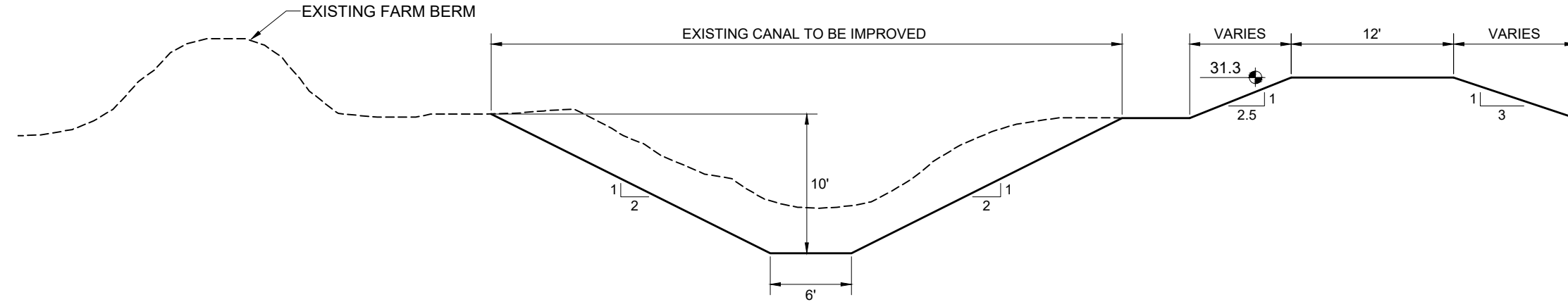
STRUCTURE 2-B FDOT TYPE "H" INLET (SECTION VIEW)
(NOT TO SCALE)



PROPOSED PUMP - SITE DETAIL
SCALE: 1" = 1000'



PUMP DETAIL
SCALE: 1" = 10'



PUMP SUPPLY CANAL DETAIL
SCALE: 1" = 10'

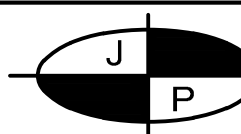
PREPARED BY:

Thomas C. Perry, Jr., P.E.
Fl. Cert. No. 49314

REVISED STRUCTURE TABLE, ADDED 2-B DETAIL	02-07-17	S.N.F.
REVISED STRUCTURE TABLES	01-16-17	N.J.N.
REVISED STRUCTURE TABLES	02-24-16	N.J.N.
REVISIONS	DATE	BY

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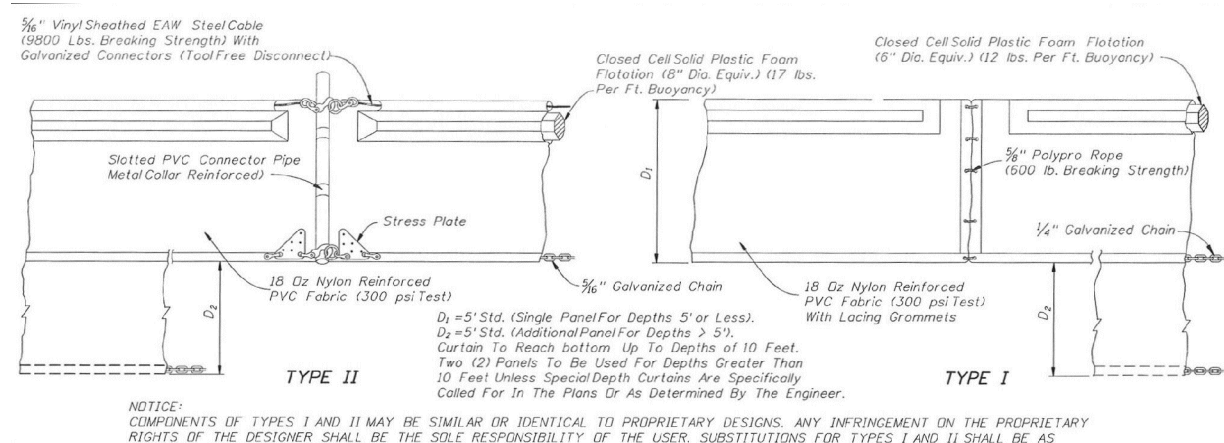
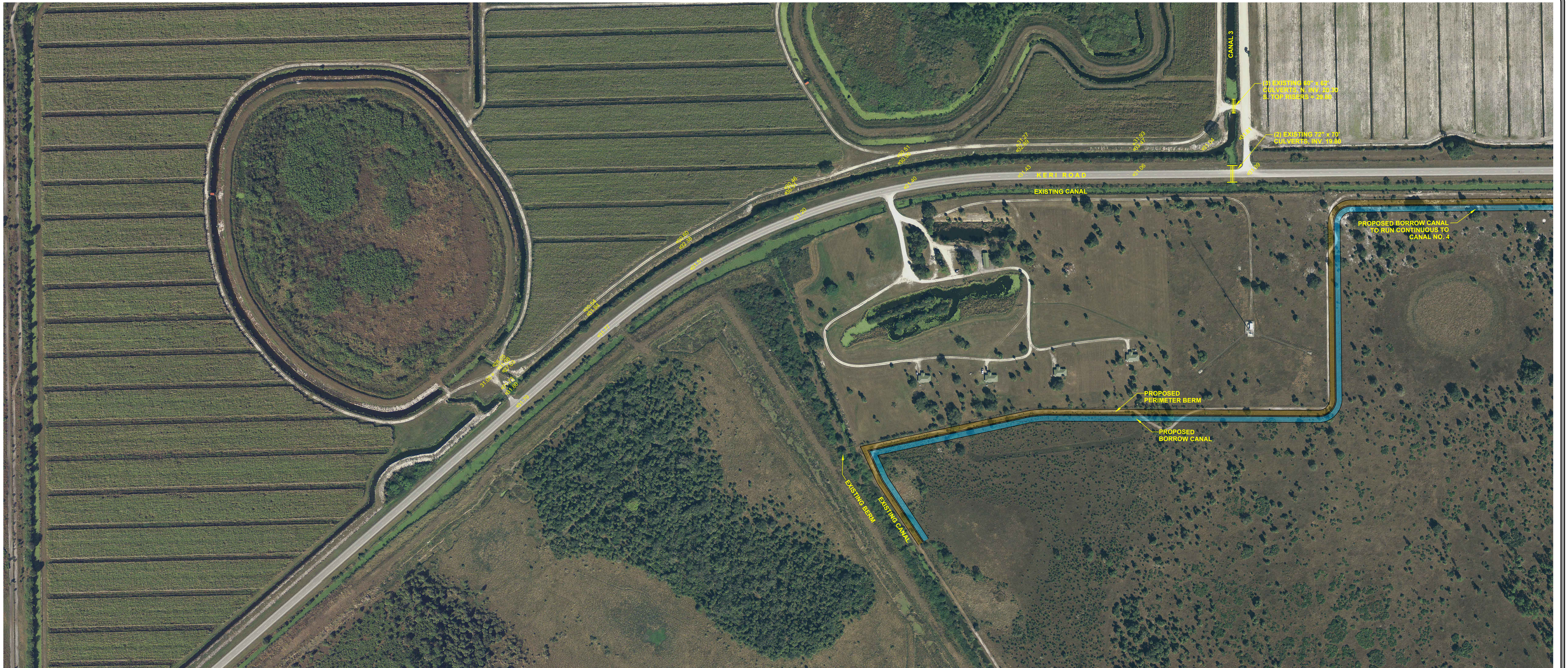
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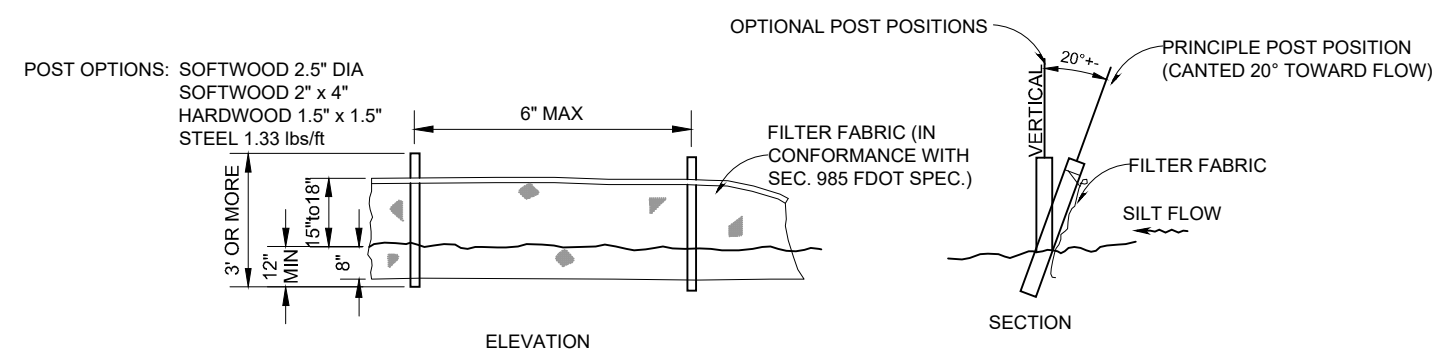
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PES PROJECT - DETAIL SHEET
IN T. 45 S., R. 30 E. THRU T. 45 S., R. 32 E.,
HENDRY COUNTY, FLORIDA TO SERVE
"ALICO, INC."

SHEET
5
OF
6



FLOATING TURBIDITY BARRIER
(NOT TO SCALE)



TYPE III SILT FENCE
(NOT TO SCALE)

NOTE: SILT FENCE TO BE INSTALLED WHERE CONSTRUCTION OCCURS LESS THAN 25' FROM WETLANDS.

PREPARED BY:

Thomas C. Perry, Jr., P.E.
Fl. Cert. No. 49314

REVISIONS	DATE	BY

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PES PROJECT - DETAIL SHEET
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HENDRY COUNTY, FLORIDA TO SERVE
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SHEET
6
OF
6