

STATION EQUATION:
 STA. 371+21.80
 @ SURVEY SR 54 =
 STA. 30+00.00
 @ SURVEY STARKEY BLVD.

STATION EQUATION
 STA. 209+44.93
 @ CONST. TRAIL =
 STA. 372+01.31
 @ SURVEY SR 54

TO TARPON SPRINGS ←

BEGIN PROJECT
 STA. 11+51.43
 @ SURVEY DUKE
 STA. 100+00.00
 @ CONST. TRAIL

T-26-S
 T-27-S

TO OLDSMAR ↓

TO WEEKI WACHEE ↑

R-16-E
 R-17-E

TO WEEKI WACHEE ↑

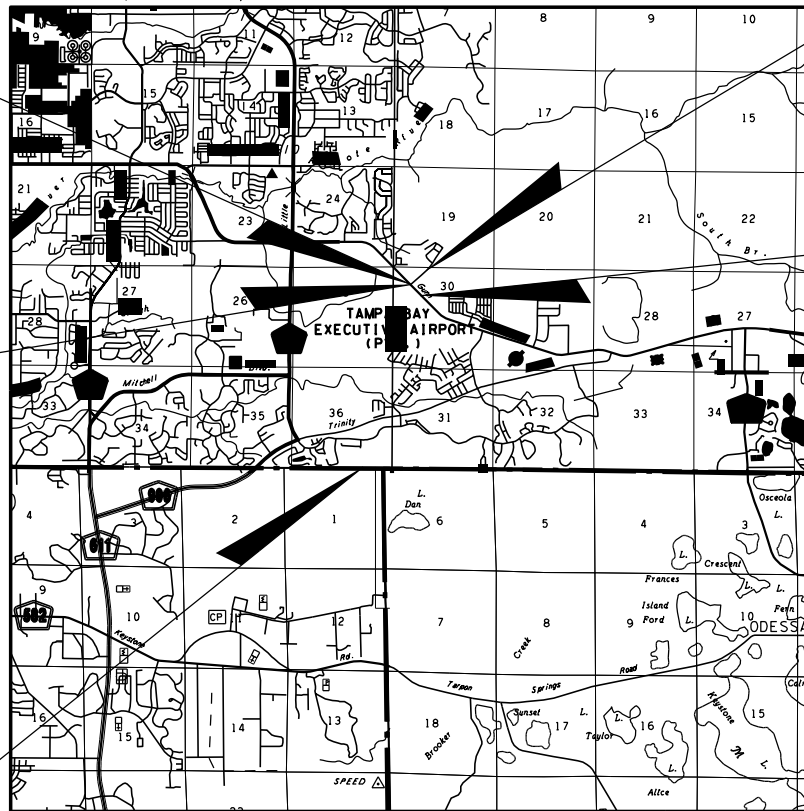
R-17-E
 R-18-E

END PROJECT
 STA. 50+52.00
 @ SURVEY STARKEY BLVD

STATION EQUATION:
 STA. 110+00.00 @ SURVEY DUKE =
 STA. 380+00.80 @ SURVEY SR 54

T-26-S
 T-27-S

→ TO TAMPA



**FINANCIAL PROJECT ID 435719-1-52-01
 (FEDERAL FUNDS)
 PASCO COUNTY (OFF SYSTEM)**

PATEL, GREENE & ASSOCIATES, PLLC
 555 West Main Street
 Bartow, Florida 33830
 FBPE Cert. of Auth. No. 29562

Hiren M. Patel, PE #61797

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

COVER SHEET

SHEET
 NO.

1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES

1. THE FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSES TO CONSTRUCT A BI-DIRECTIONAL SHARED USE PATH THAT WILL CONNECT THE STARKEY BOULEVARD TRAIL TO THE PINELLAS COUNTY TRAIL. THE TRAIL IS A 2.362 MILE STRETCH IN PASCO COUNTY, FLORIDA. THE PROJECT INCLUDES THE CONSTRUCTION OF TWELVE FOOT PAVEMENT TRAIL, WHICH WILL RESULT IN MINOR SURFACE WATER IMPACTS TO JURISDICTIONAL AREAS ADJACENT PRIMARILY WITHIN THE DUKE ENERGY EASEMENT.
2. STRICT ADHERENCE TO SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION USED IN CONJUNCTION WITH THIS APPLICATION PROVIDE REASONABLE ASSURANCE THAT WATER QUALITY WILL NOT BE VIOLATED.
3. TYPES OF EQUIPMENT INVOLVED IN THE CONSTRUCTION WILL INCLUDE: GRADEALL, BACKHOE, DUMP TRUCK, CEMENT TRUCK, CRANES AND FRONT END LOADER. THE EQUIPMENT WILL BE TRUCKED OR SELF-PROPELLED TO THE SITE.
4. TURBIDITY CURTAINS, SILT FENCES, INLET PROTECTION BARRIERS, SYNTHETIC BALES OR SOME COMBINATION OF THESE ITEMS WILL BE USED AS DIRECTED BY THE PROJECT ENGINEER TO MAINTAIN STATE WATER QUALITY STANDARDS.
5. ALL FILL SHALL BE COMPRISED OF CLEAN, SUITABLE, BORROW MATERIALS.
6. ALL ELEVATIONS SHOWN IN THIS PERMIT APPLICATION ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
7. APPROXIMATELY 1.211 ACRES OF PRIMARY FILL SURFACE WATER IMPACTS ARE PROPOSED FOR THIS PROJECT.
8. APPROXIMATELY 0.290 ACRES OF PRIMARY EXCAVATION SURFACE WATER IMPACTS ARE PROPOSED FOR THIS PROJECT.
9. APPROXIMATELY 0.218 ACRES OF SURFACE WATER CREATION ARE PROPOSED FOR THIS PROJECT.
10. APPROXIMATELY 2.496 ACRES OF SECONDARY SURFACE WATER IMPACTS ARE PROPOSED FOR THIS PROJECT.

STATEMENT OF CERTIFICATION FOR DNR SUBMERGED LANDS

PURSUANT TO SECTION 339.135, F.S., THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS HAS DETERMINED THAT THIS PROJECT IS NOT INCONSISTENT WITH THE LOCAL COMPREHENSIVE PLAN FOR THE AFFECTED AREA.

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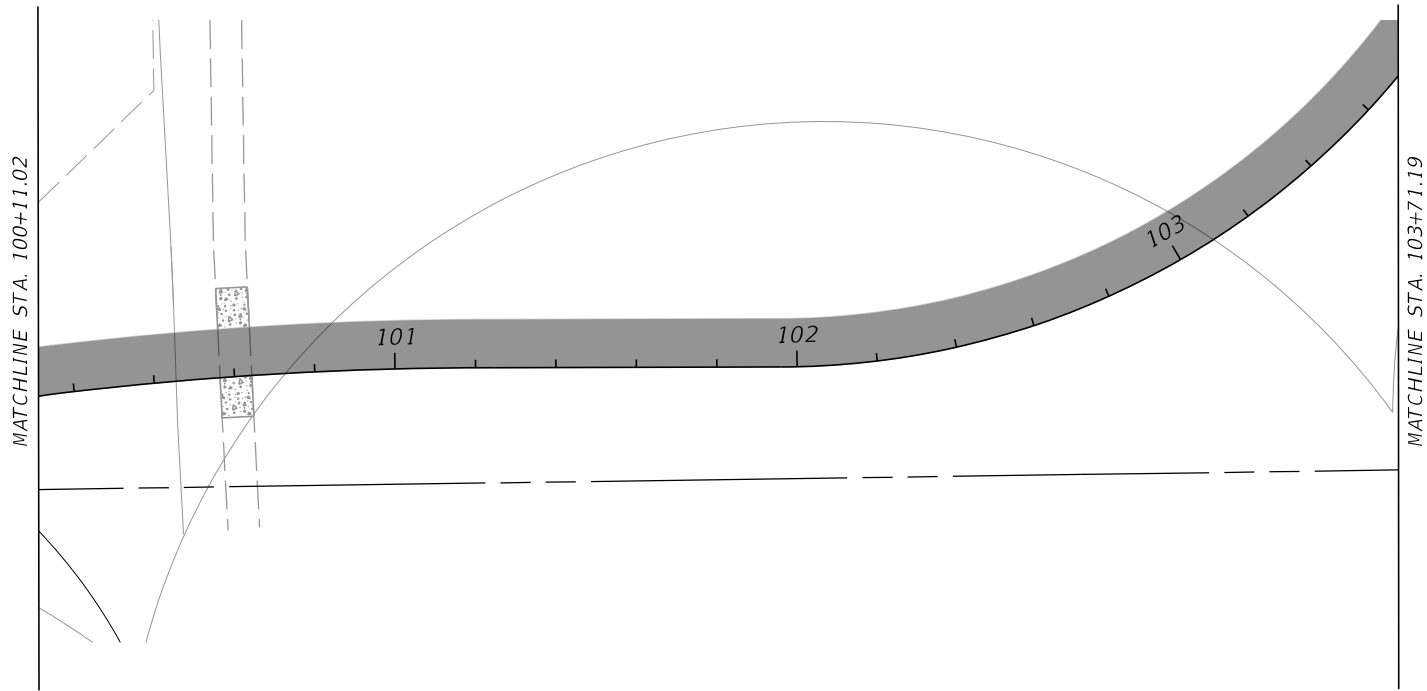
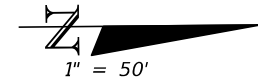
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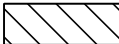


GENERAL NOTES

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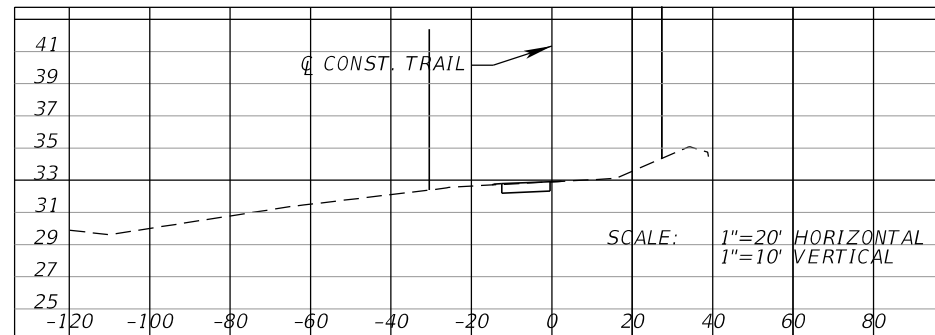
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 102+00.00



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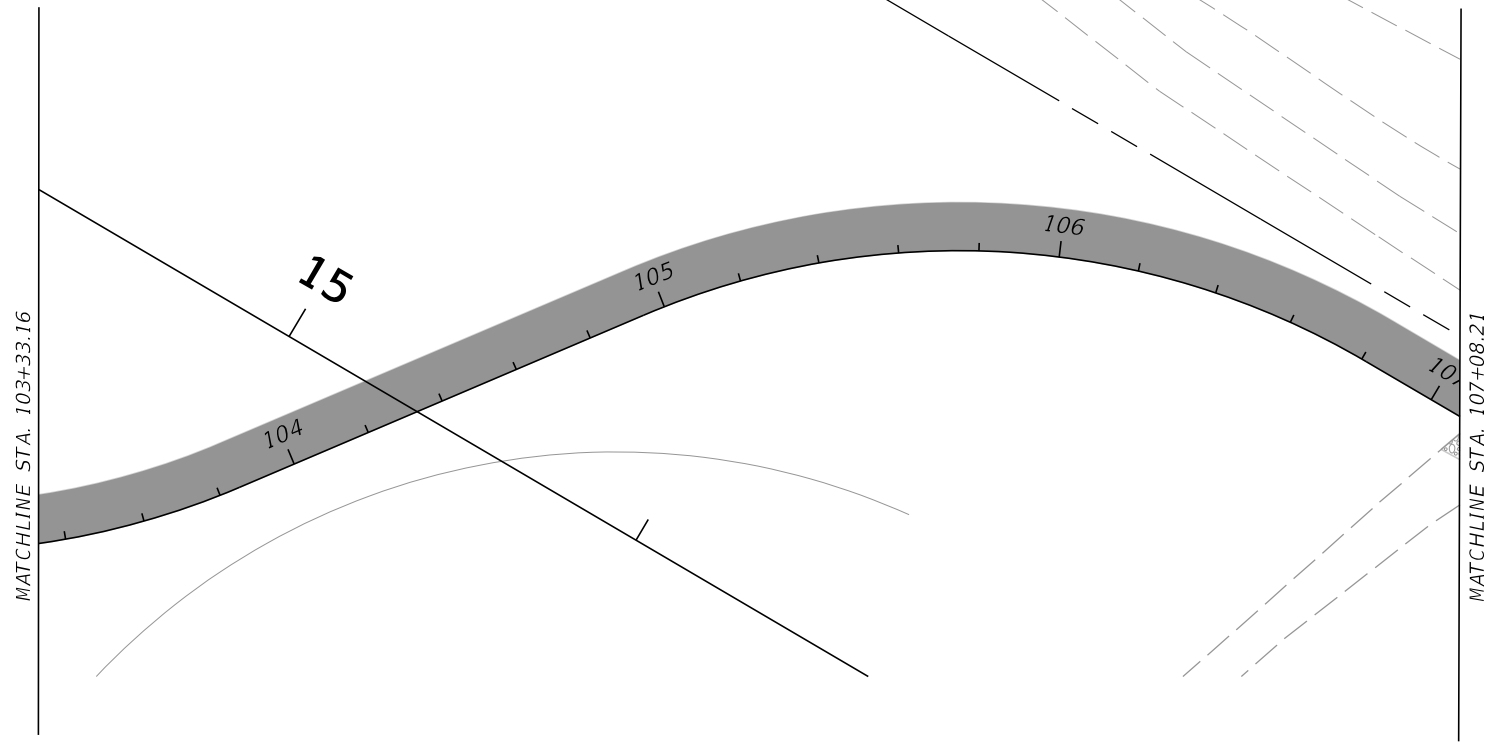
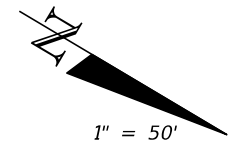
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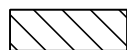


DREDGE & FILL SKETCH

SHEET NO.

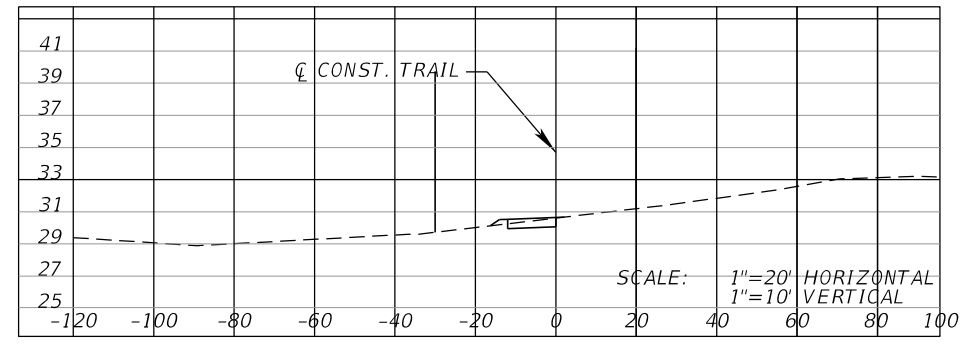
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REPRESENTATIVE STATION 105+00.00



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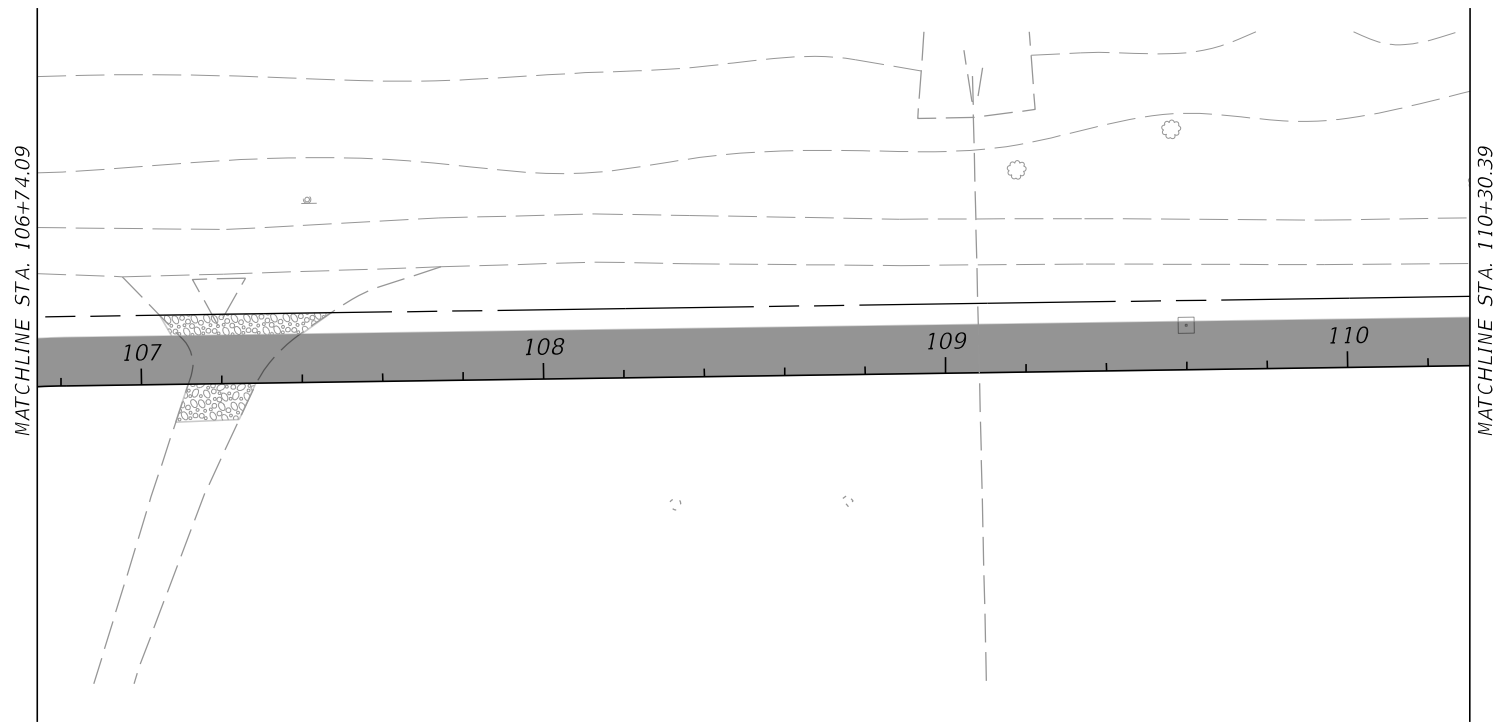
DREDGE & FILL SKETCH

SHEET NO.
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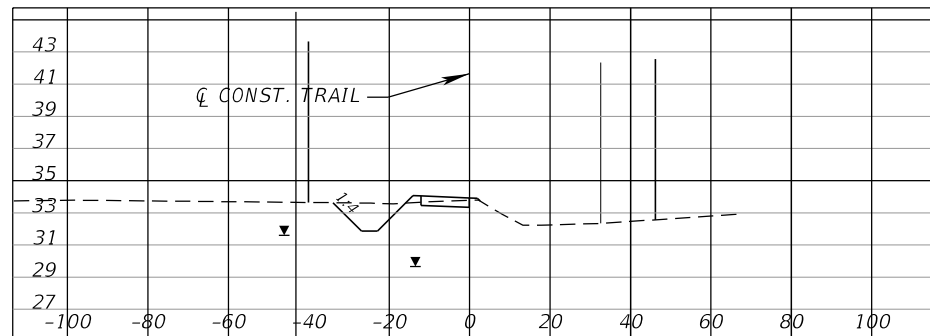
1" = 50'



LEGEND:

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REPRESENTATIVE STATION 108+00.00



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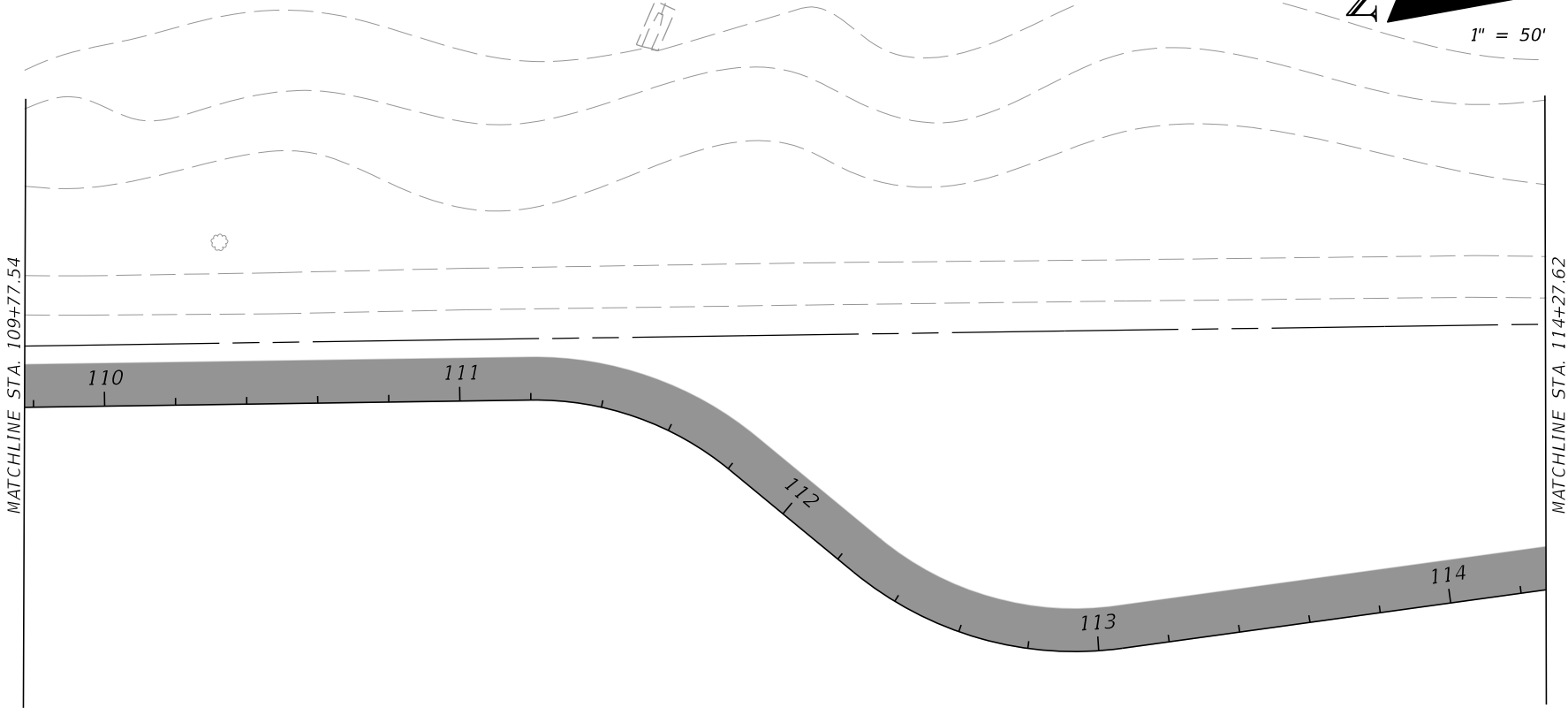
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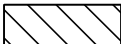


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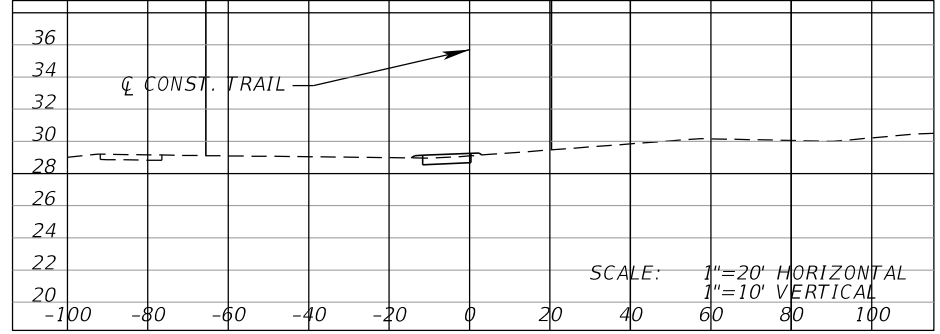
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REPRESENTATIVE STATION 112+00.00



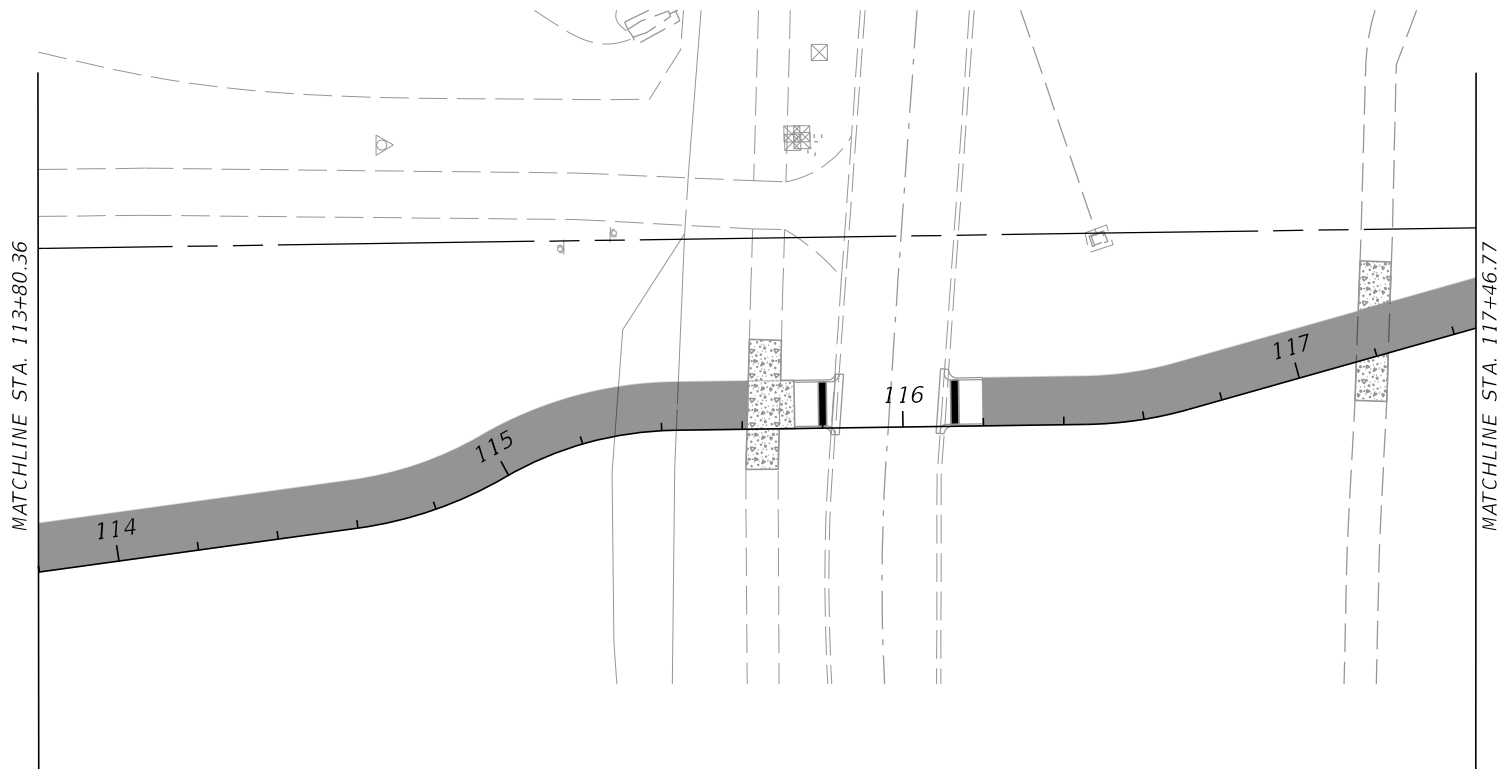
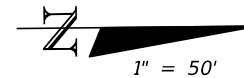
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DREDGE & FILL SKETCH

SHEET NO.
6

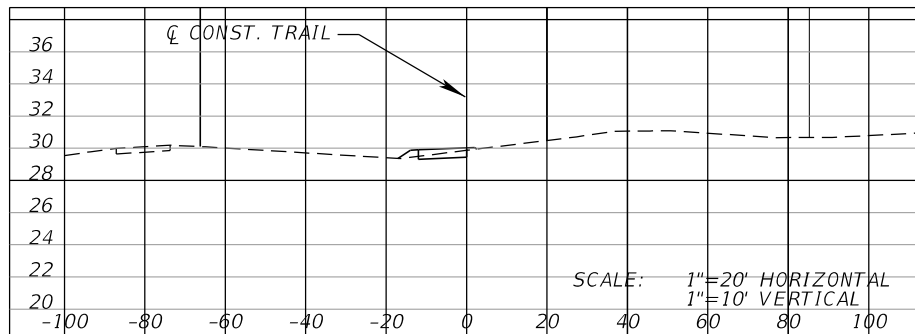
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LEGEND:

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- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 115+00.00



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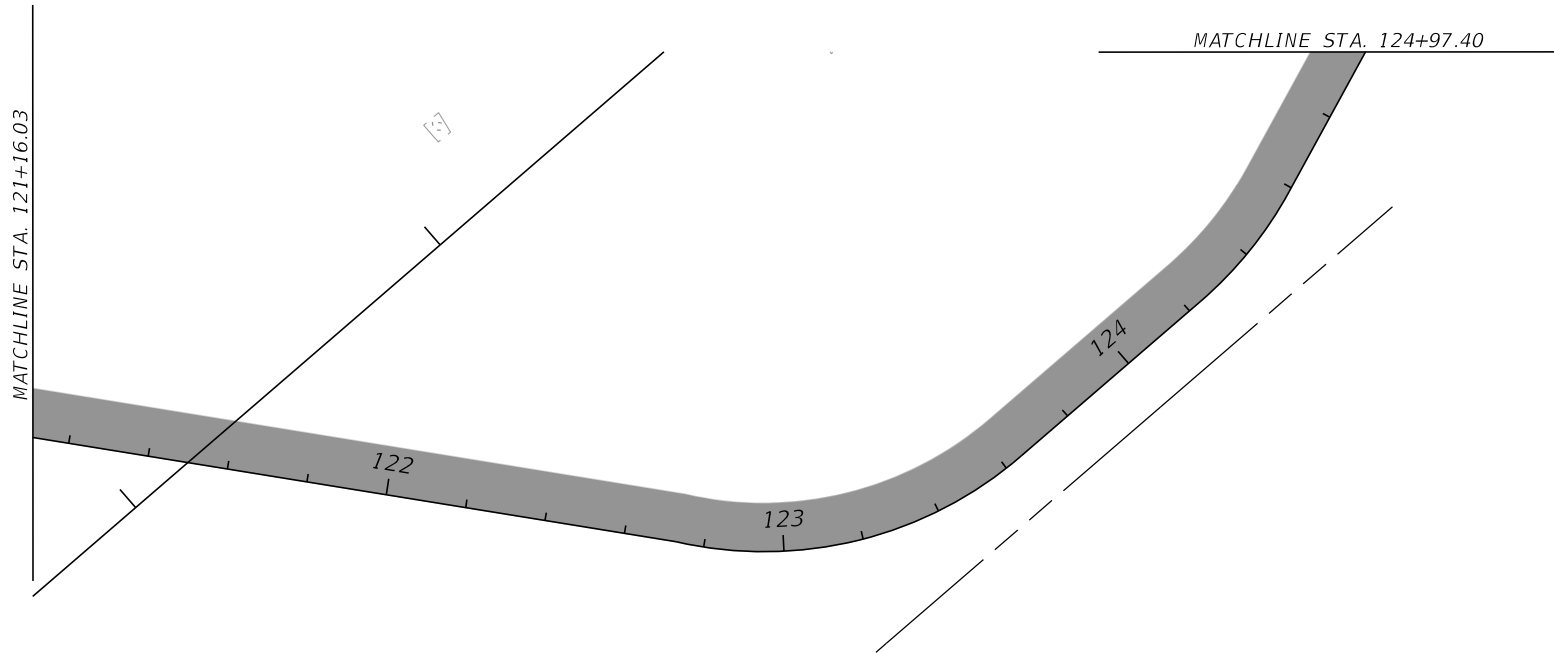
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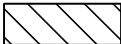


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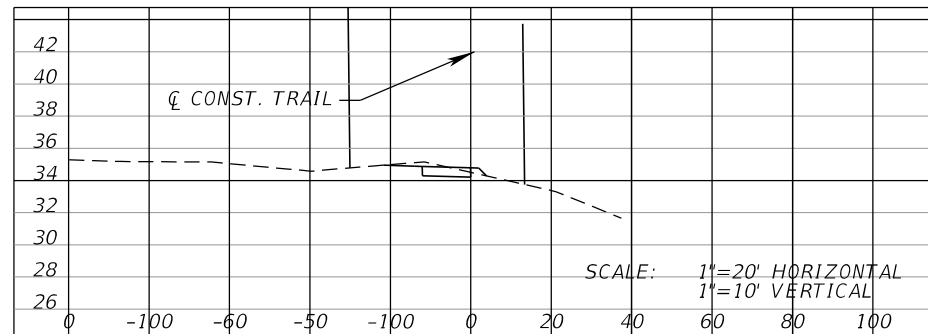
1" = 50'



LEGEND:

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REPRESENTATIVE STATION 124+00.00



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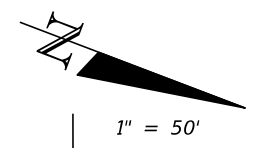
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DREDGE & FILL SKETCH

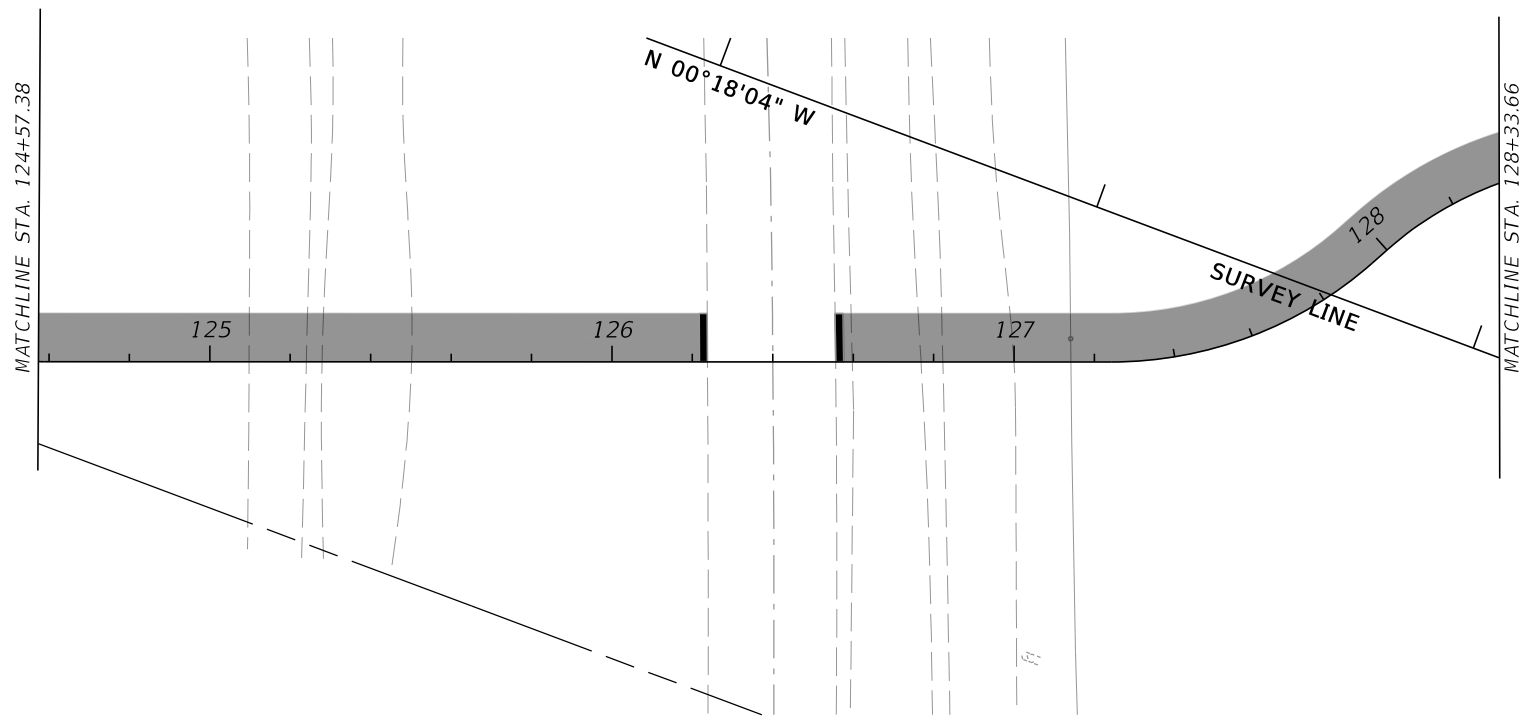
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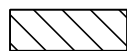


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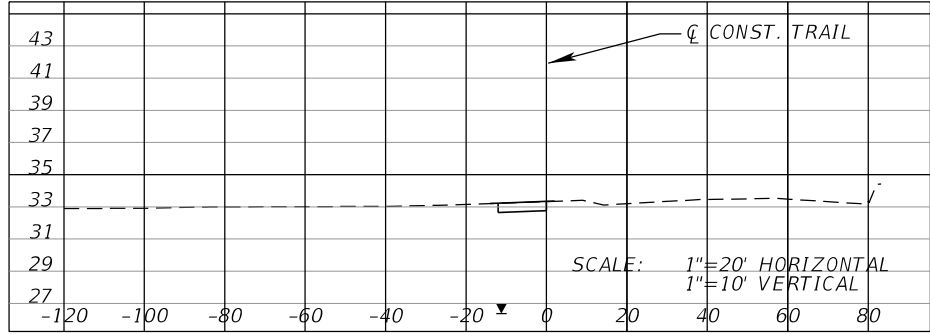
1" = 50'



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-  UPLAND EXCAVATION

REPRESENTATIVE STATION 126+00.00



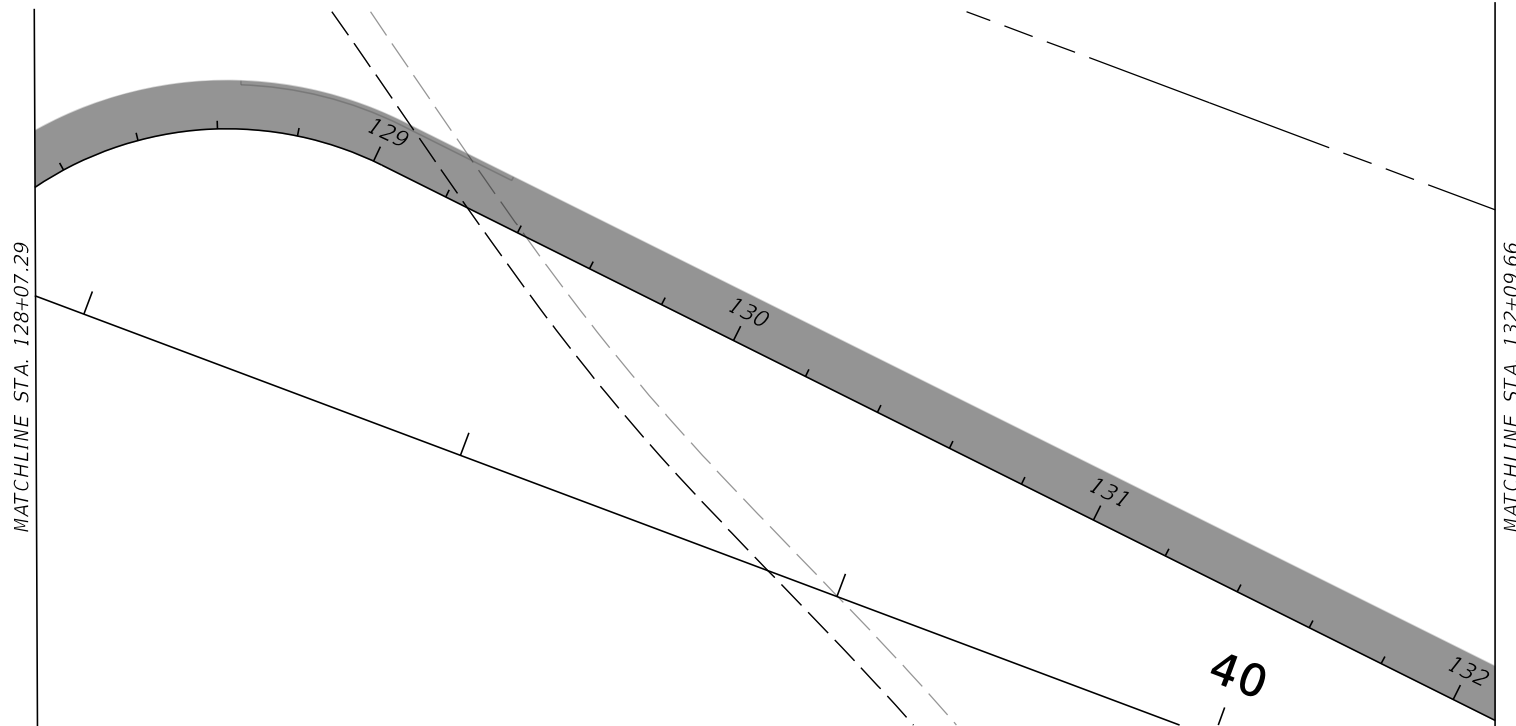
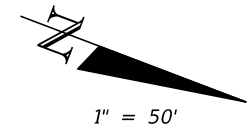
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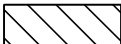


DREDGE & FILL SKETCH

SHEET NO.
10

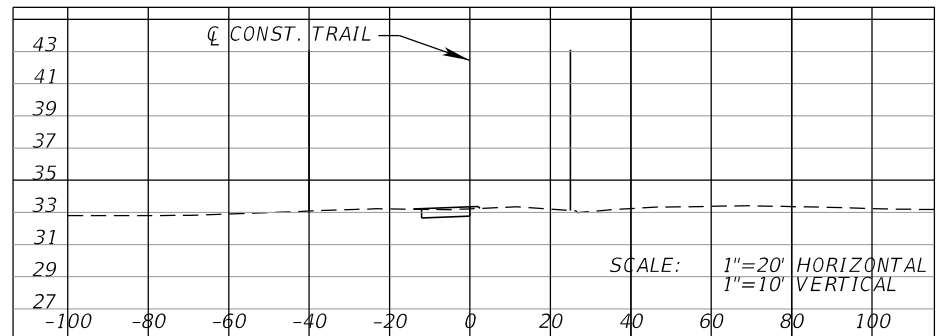
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REPRESENTATIVE STATION 130+00.00



SCALE: 1"=20' HORIZONTAL
1"=10' VERTICAL

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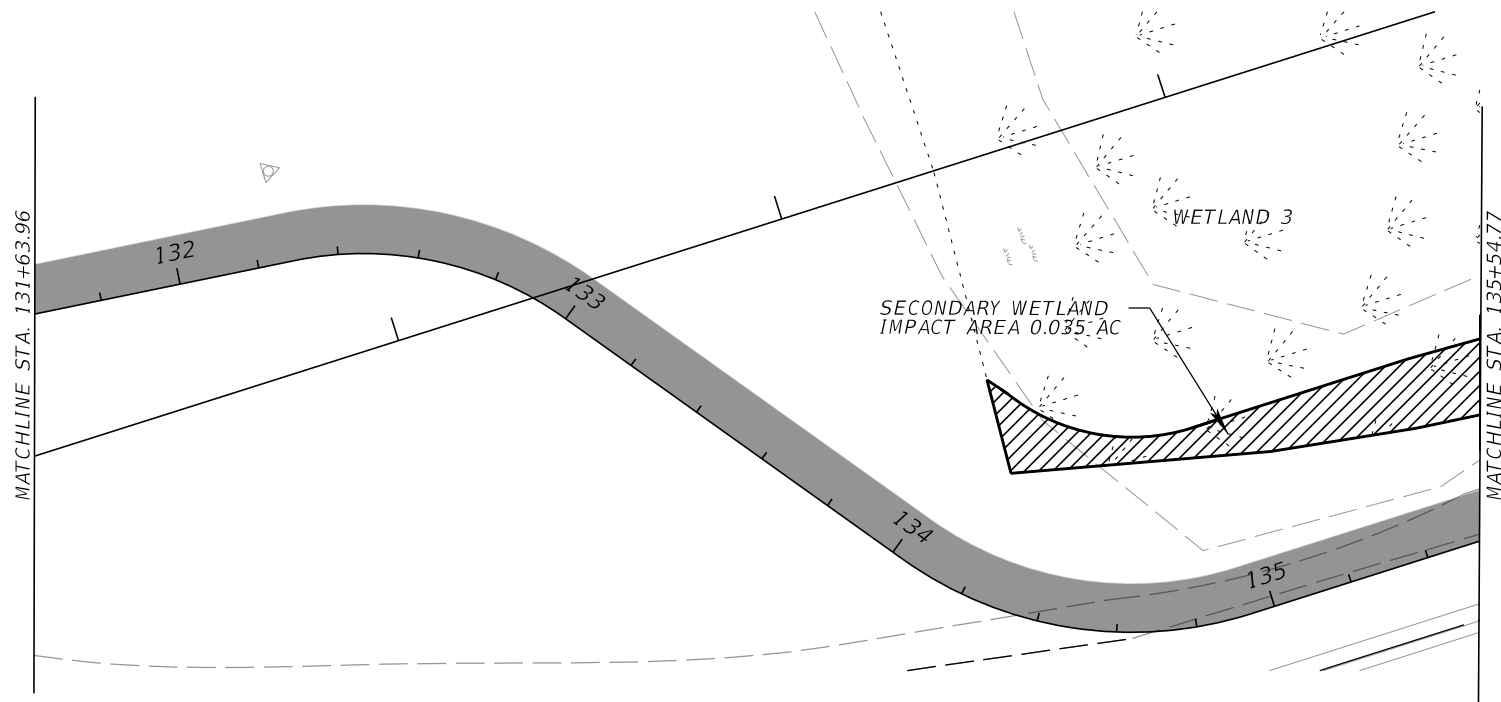
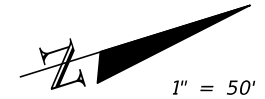
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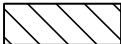


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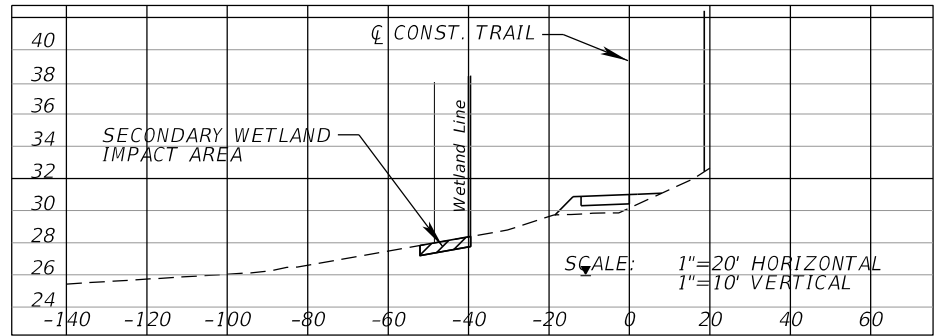
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-  UPLAND EXCAVATION

REPRESENTATIVE STATION 135+00.00



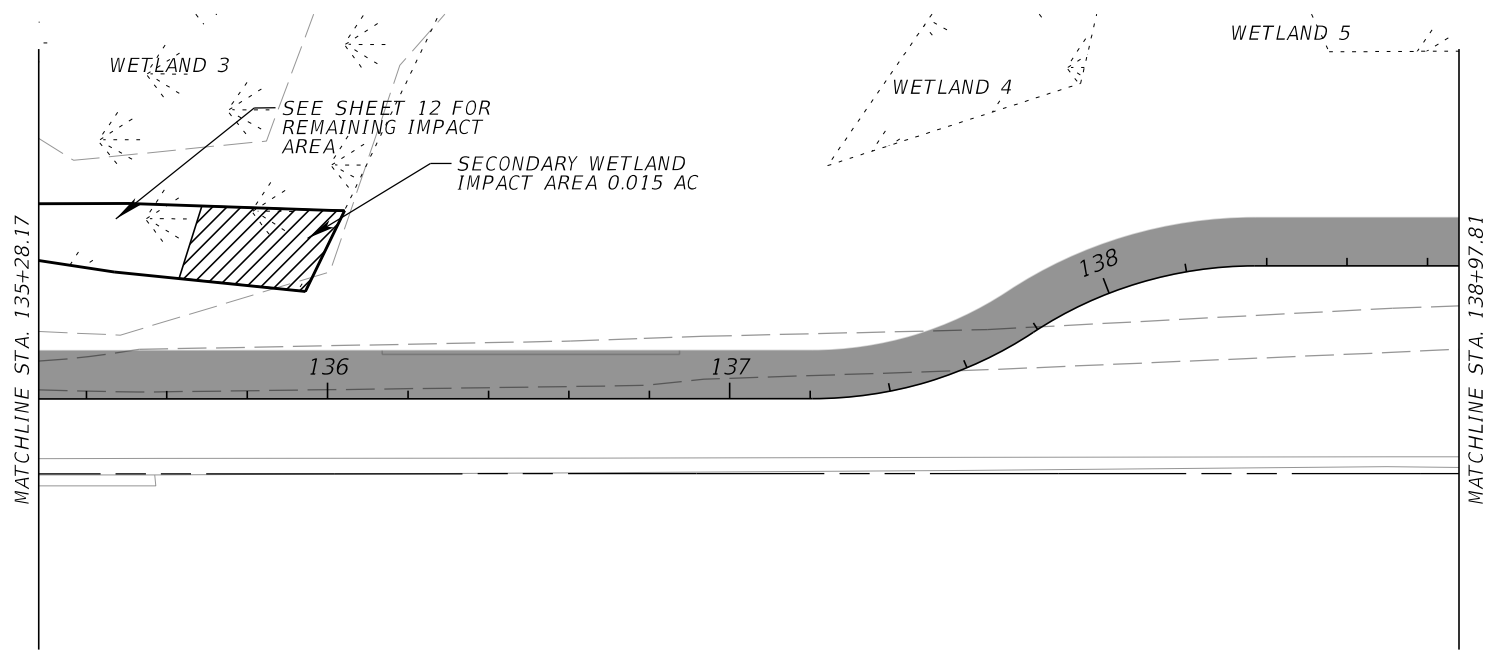
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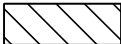


DREDGE & FILL SKETCH

SHEET NO.
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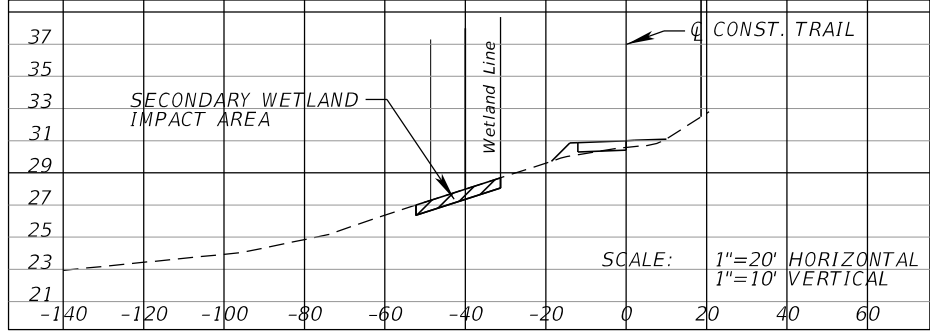
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REPRESENTATIVE STATION 135+50.00



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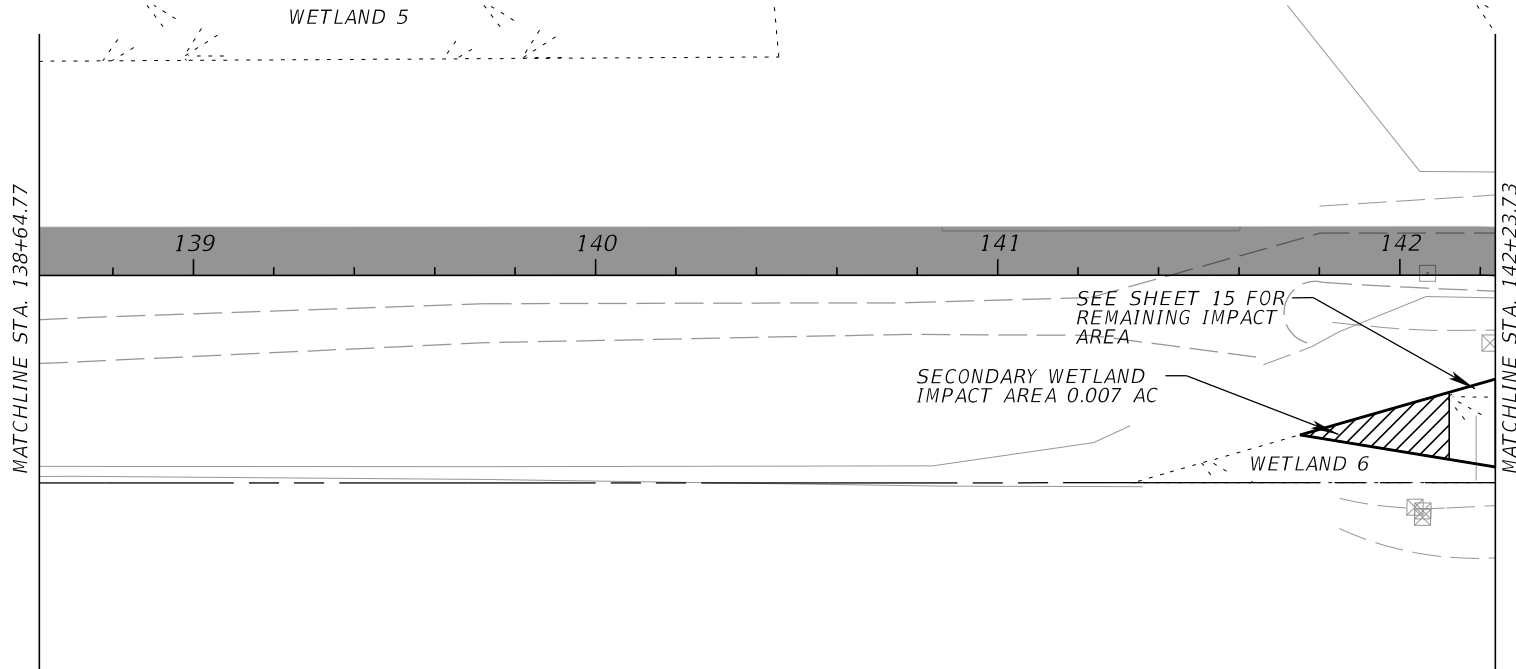
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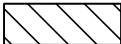


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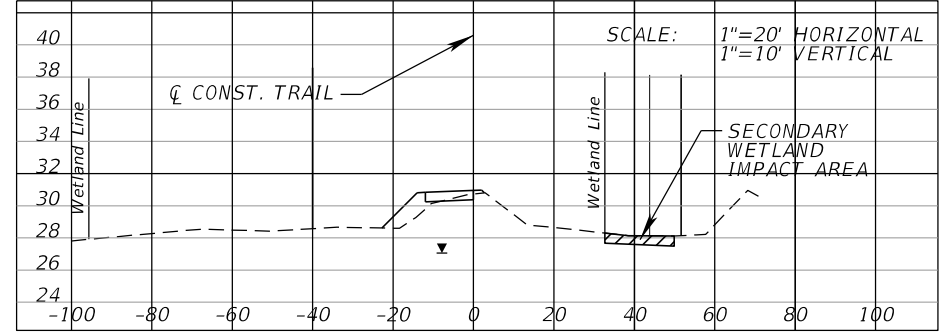
1" = 50'



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REPRESENTATIVE STATION 142+00.00



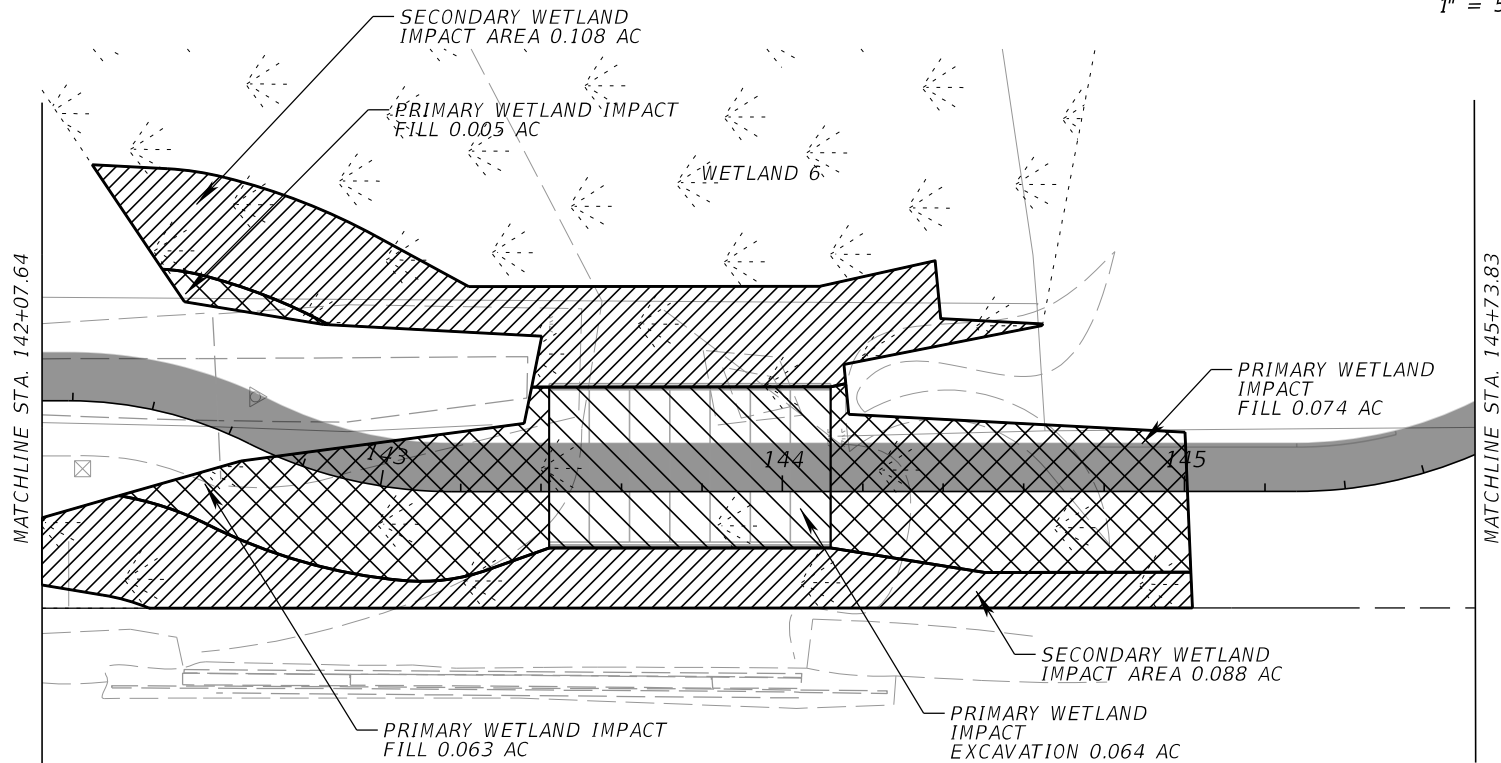
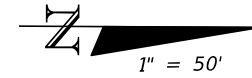
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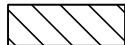
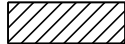

DREDGE & FILL SKETCH

SHEET NO.
14

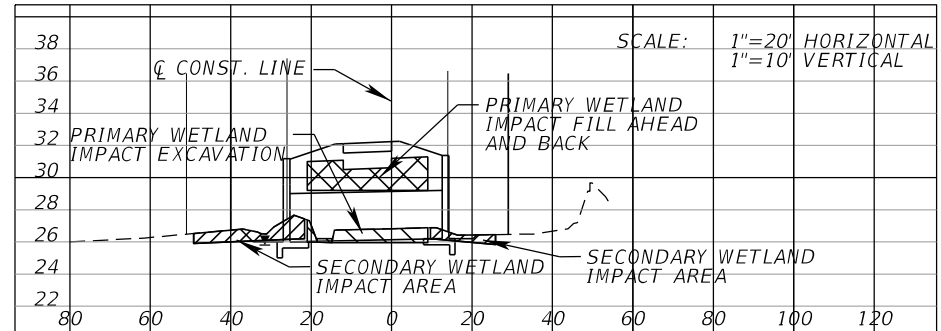
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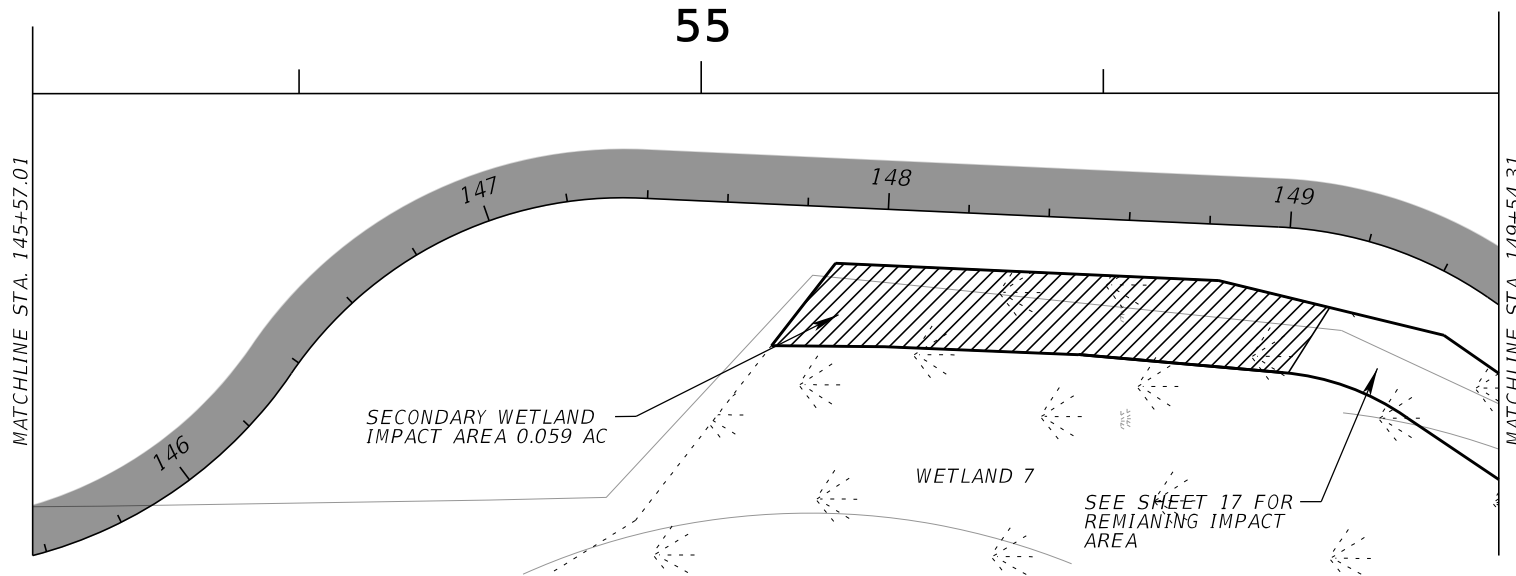
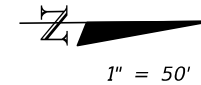
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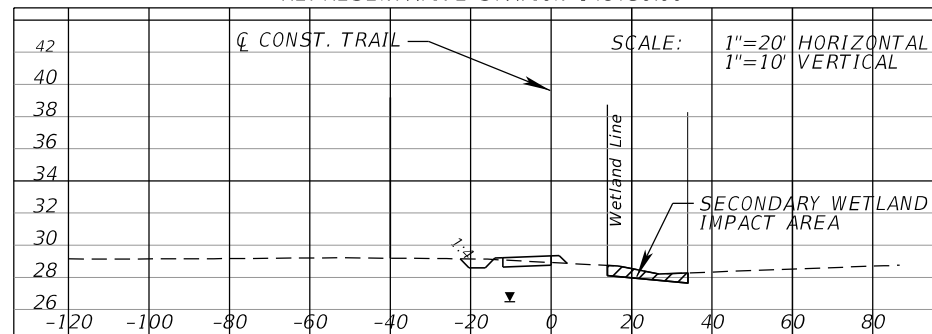
15



LEGEND:

- PRIMARY WETLAND IMPACT FILL
- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 148+50.00



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 555 West Main Street
 Bartow, Florida 33830
 FBPE Cert. of Auth. No. 29562

Hiren M. Patel, PE #61797

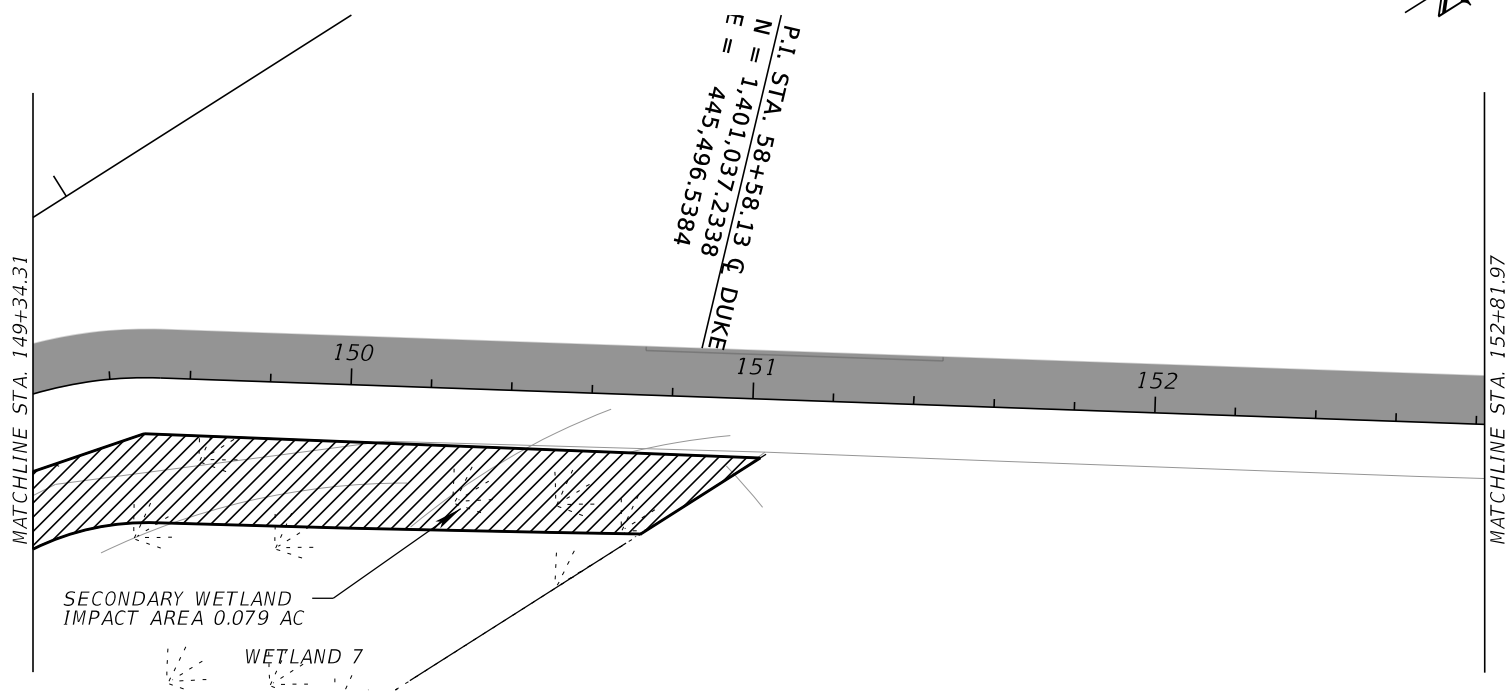
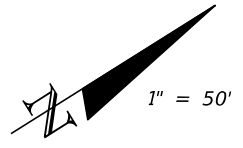
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.

16



P.I. STA. 58+58.13 Q DUKE
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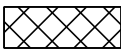

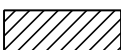

MATCHLINE STA. 149+34.31

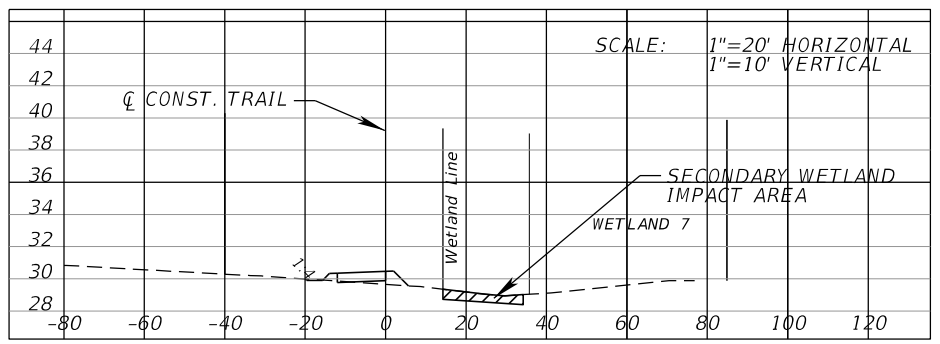
MATCHLINE STA. 152+81.97

SECONDARY WETLAND
 IMPACT AREA 0.079 AC
 WETLAND 7

REPRESENTATIVE STATION 150+50.00

LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION



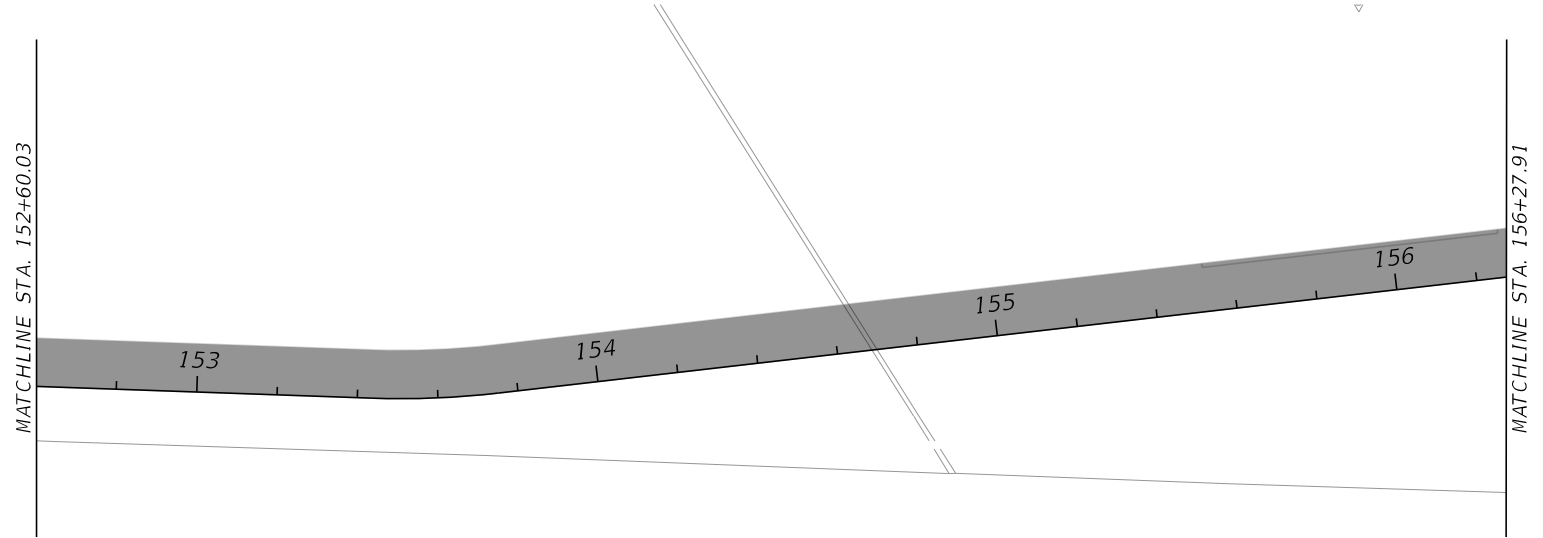
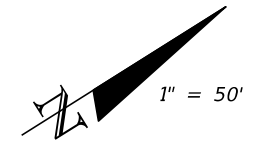
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


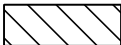


DREDGE & FILL SKETCH

SHEET NO.
17

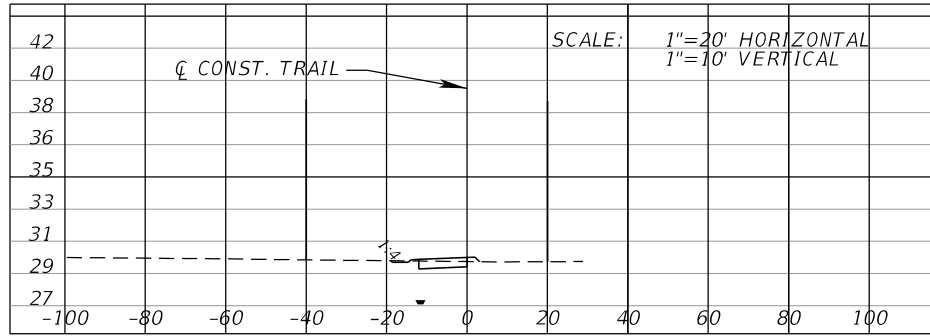
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 154+00.00



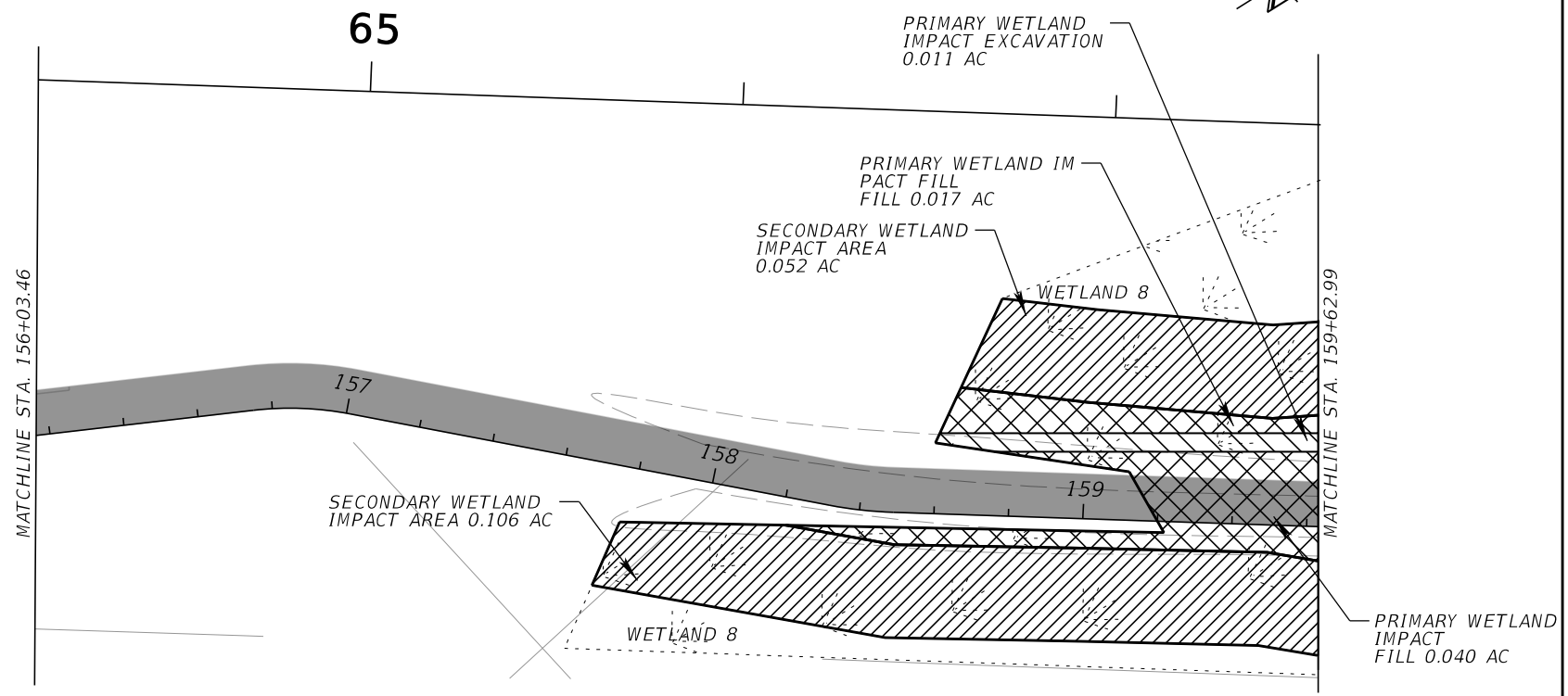
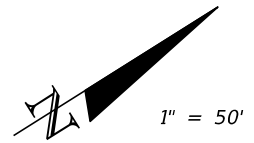
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


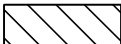


DREDGE & FILL SKETCH

SHEET NO.
18

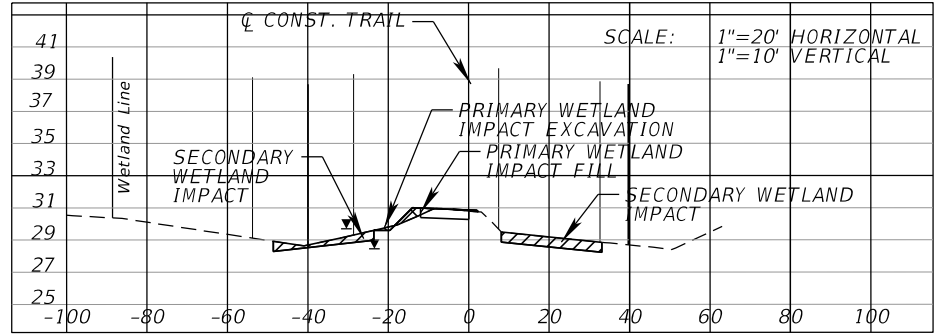
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 159+50.00



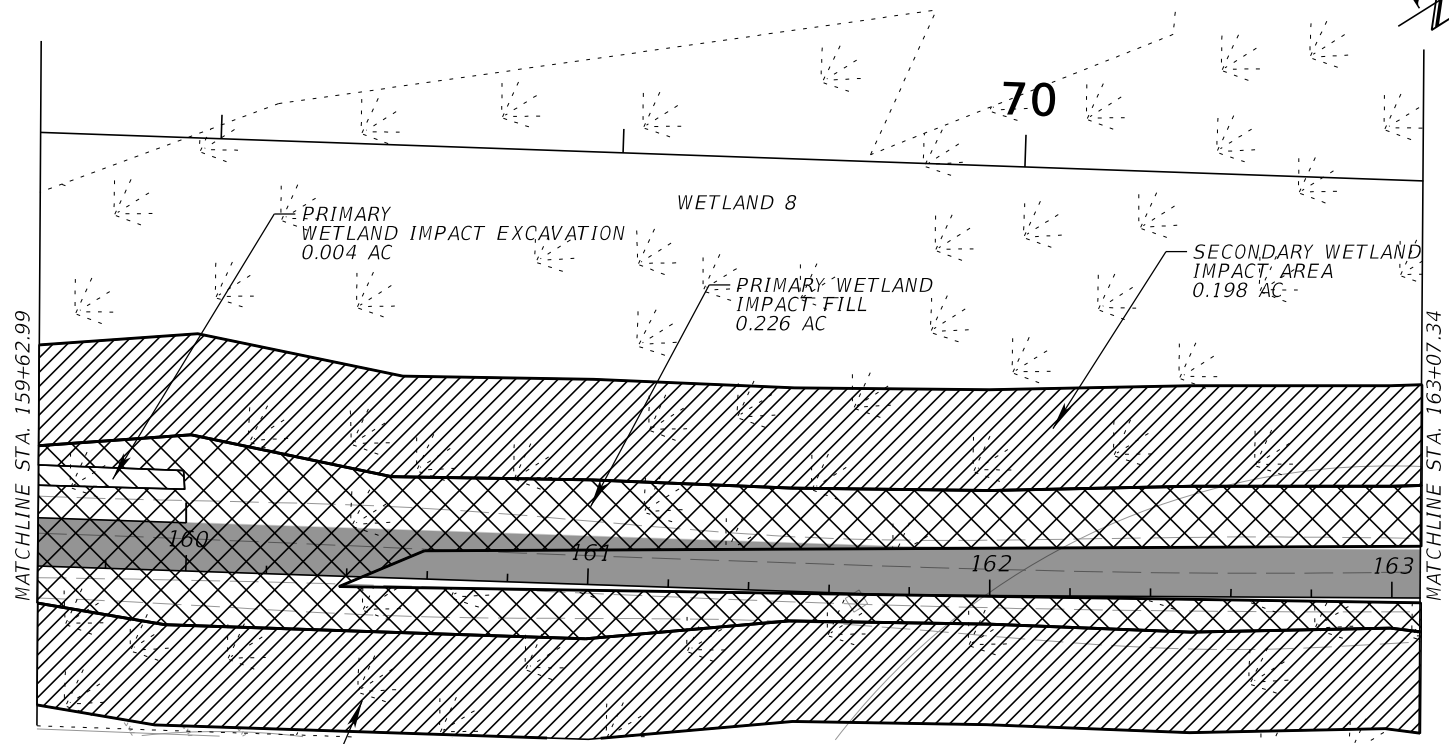
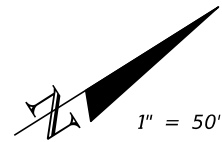
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.
19

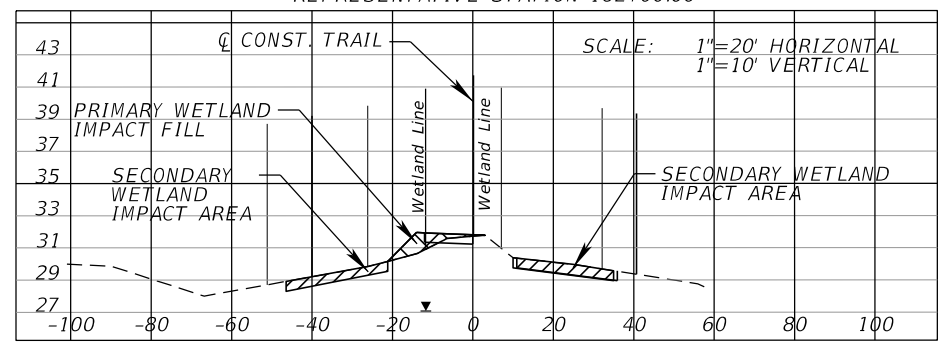
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LEGEND:

- PRIMARY WETLAND IMPACT FILL
- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 162+00.00



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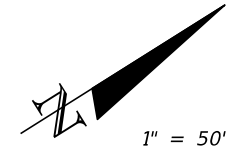
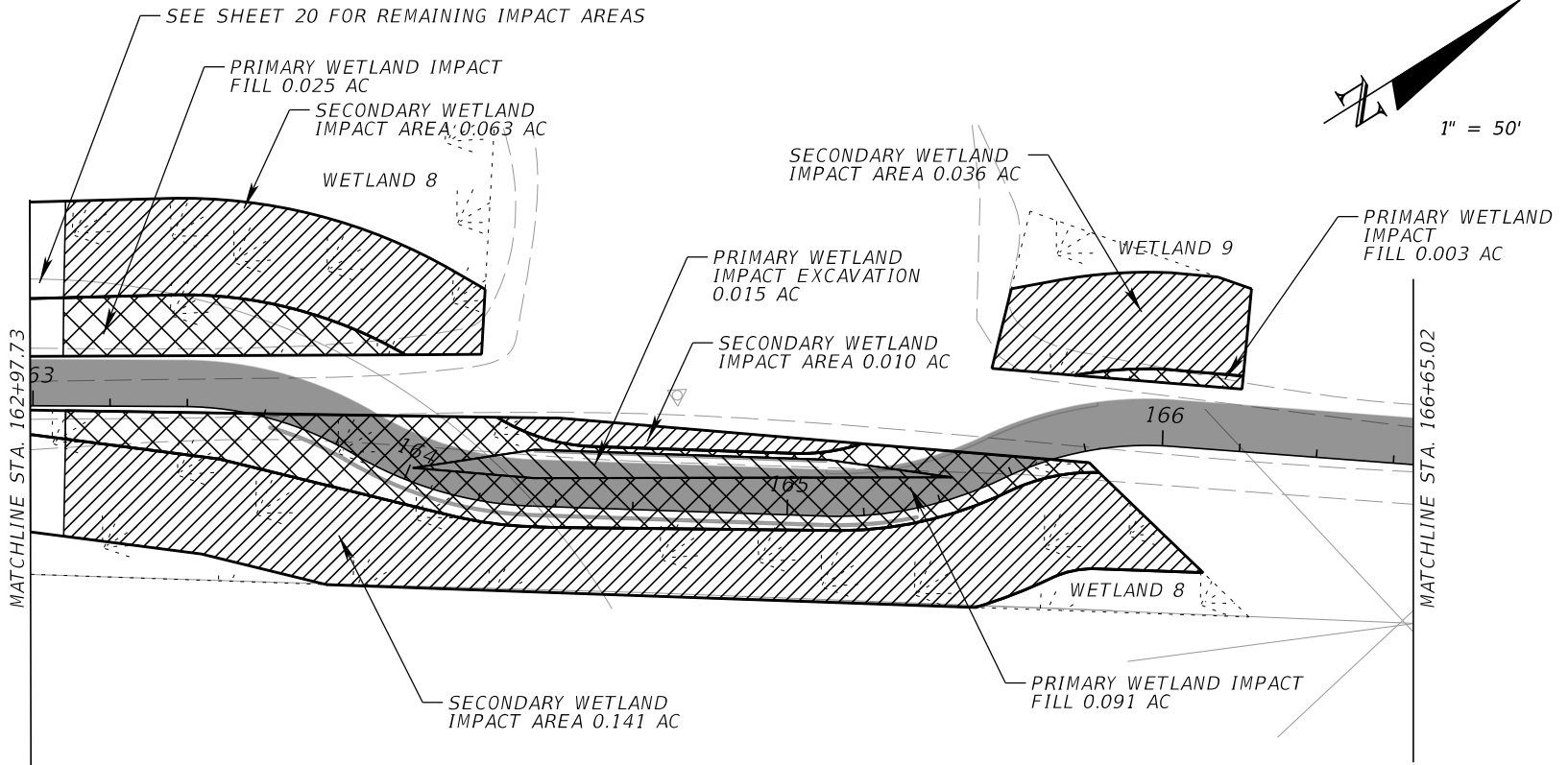
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH


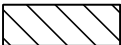


SHEET
NO.

20

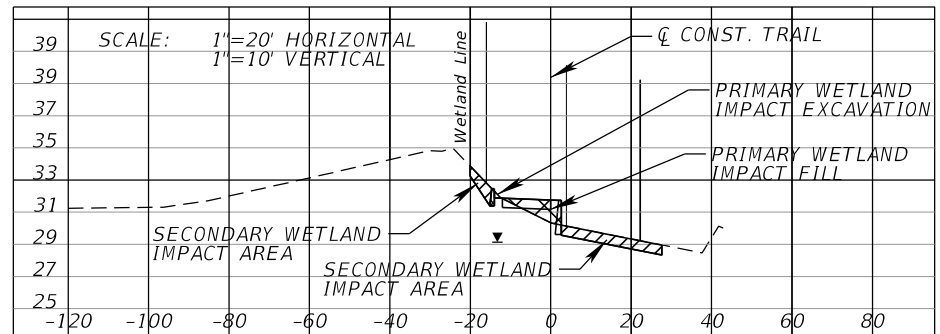
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LEGEND:

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-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 165+00.00



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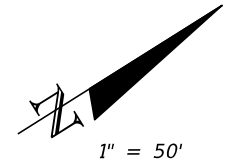
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

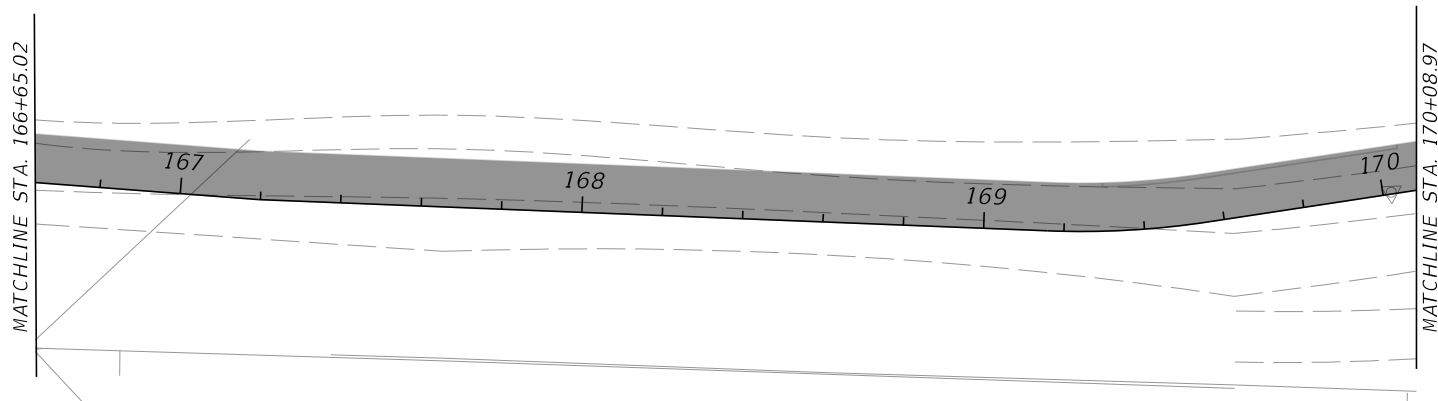
DREDGE & FILL SKETCH

SHEET NO.


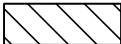


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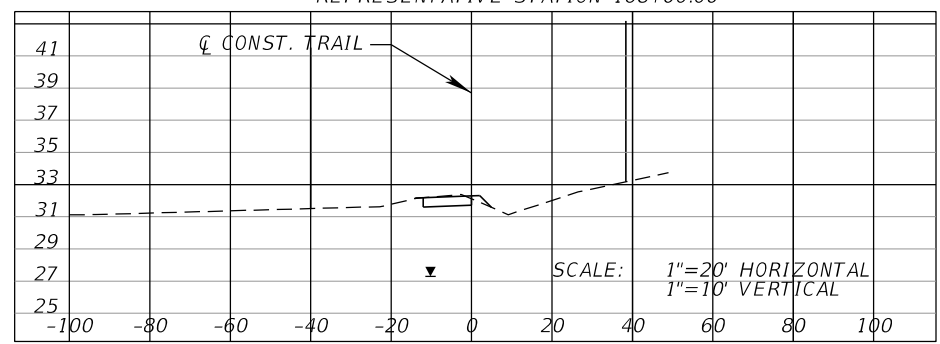
1" = 50'



LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 168+00.00



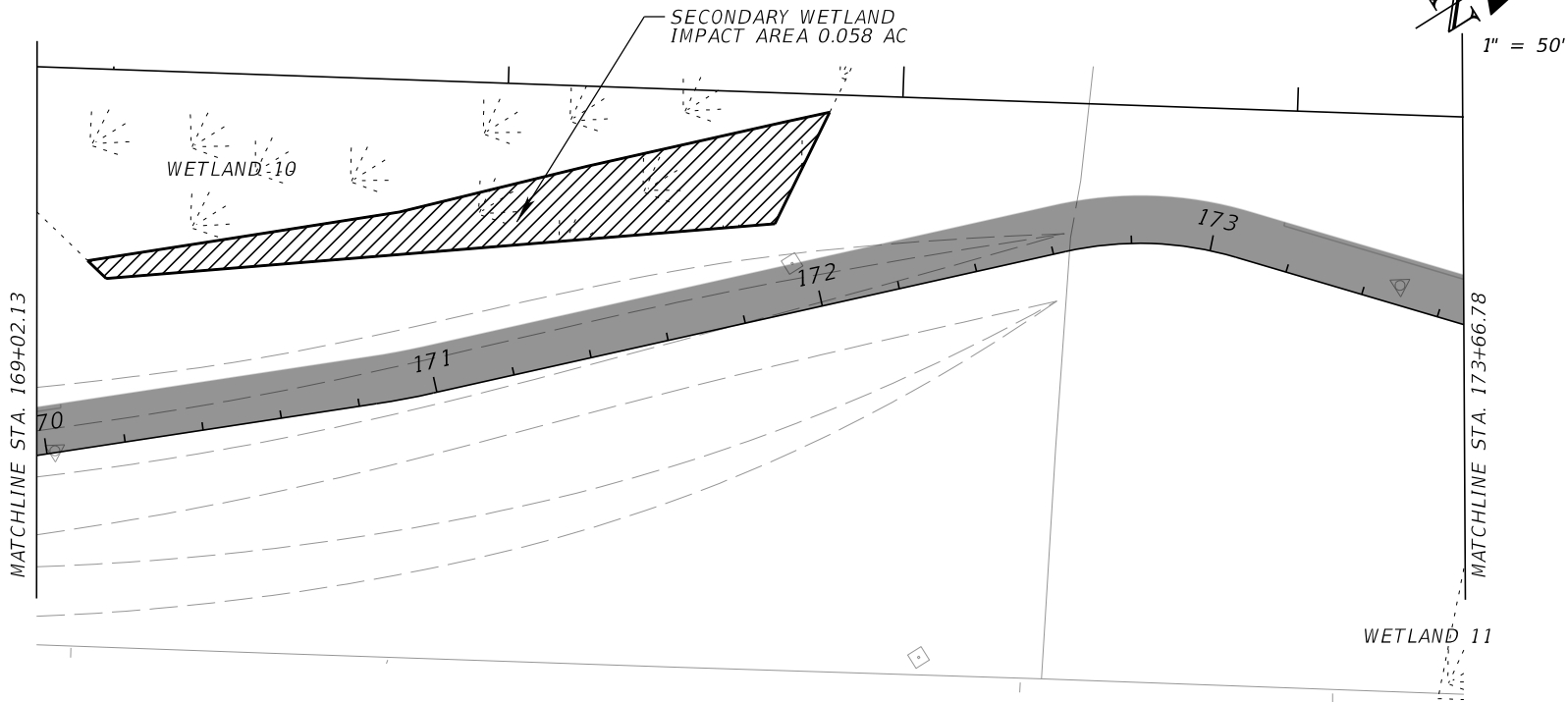
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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N/A	PASCO	435719-1-52-01


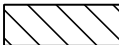
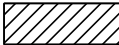

DREDGE & FILL SKETCH

SHEET NO.
22

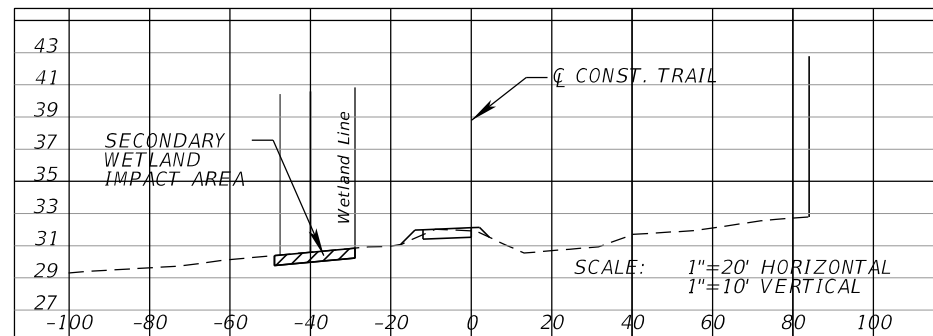
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LEGEND:

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-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 171+50.00



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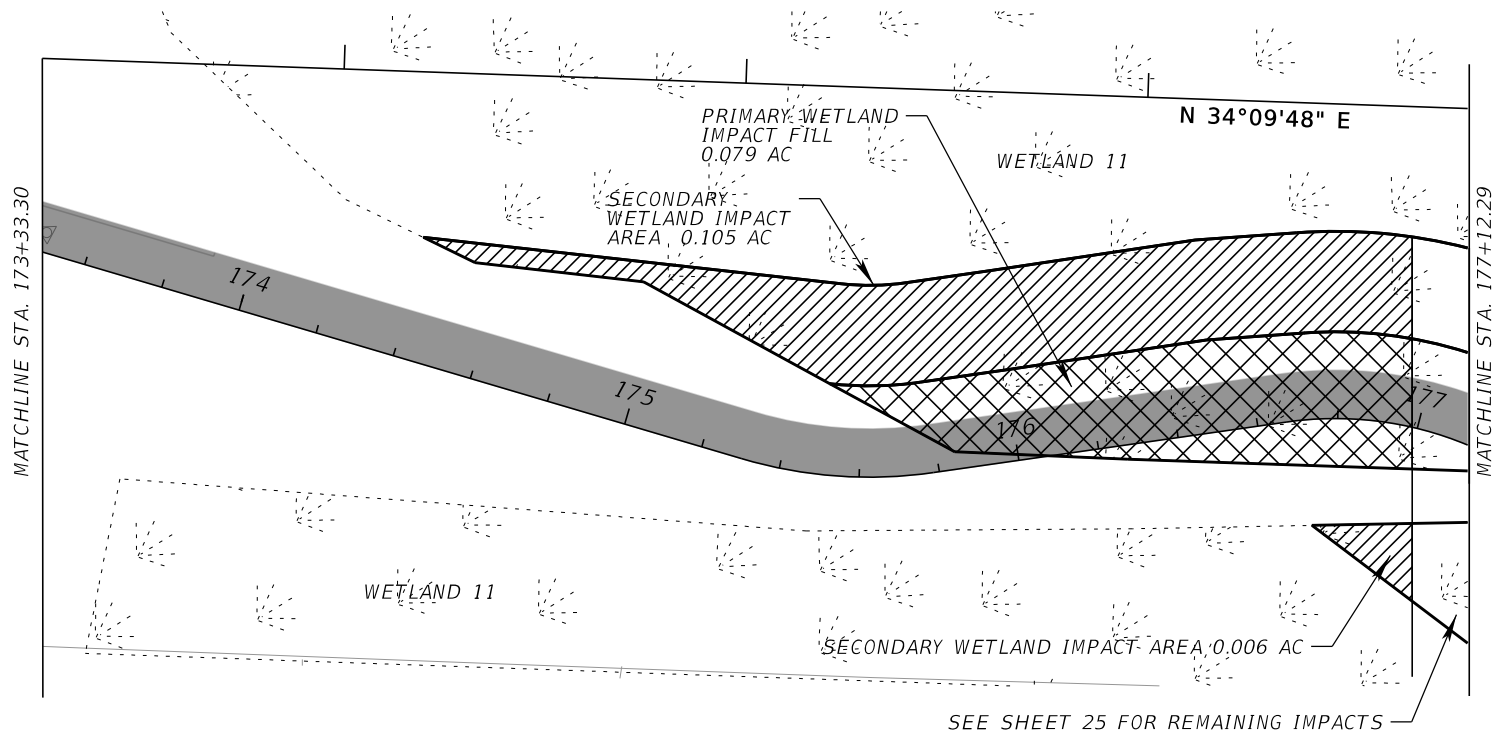
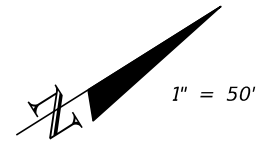
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.

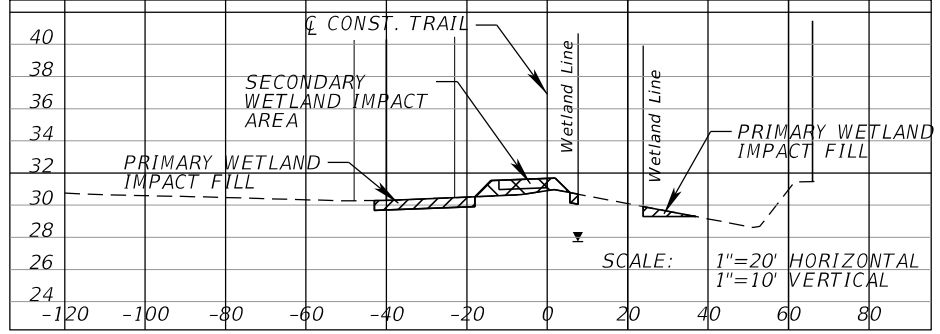
23



LEGEND:

- PRIMARY WETLAND IMPACT FILL
- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 176+50.00



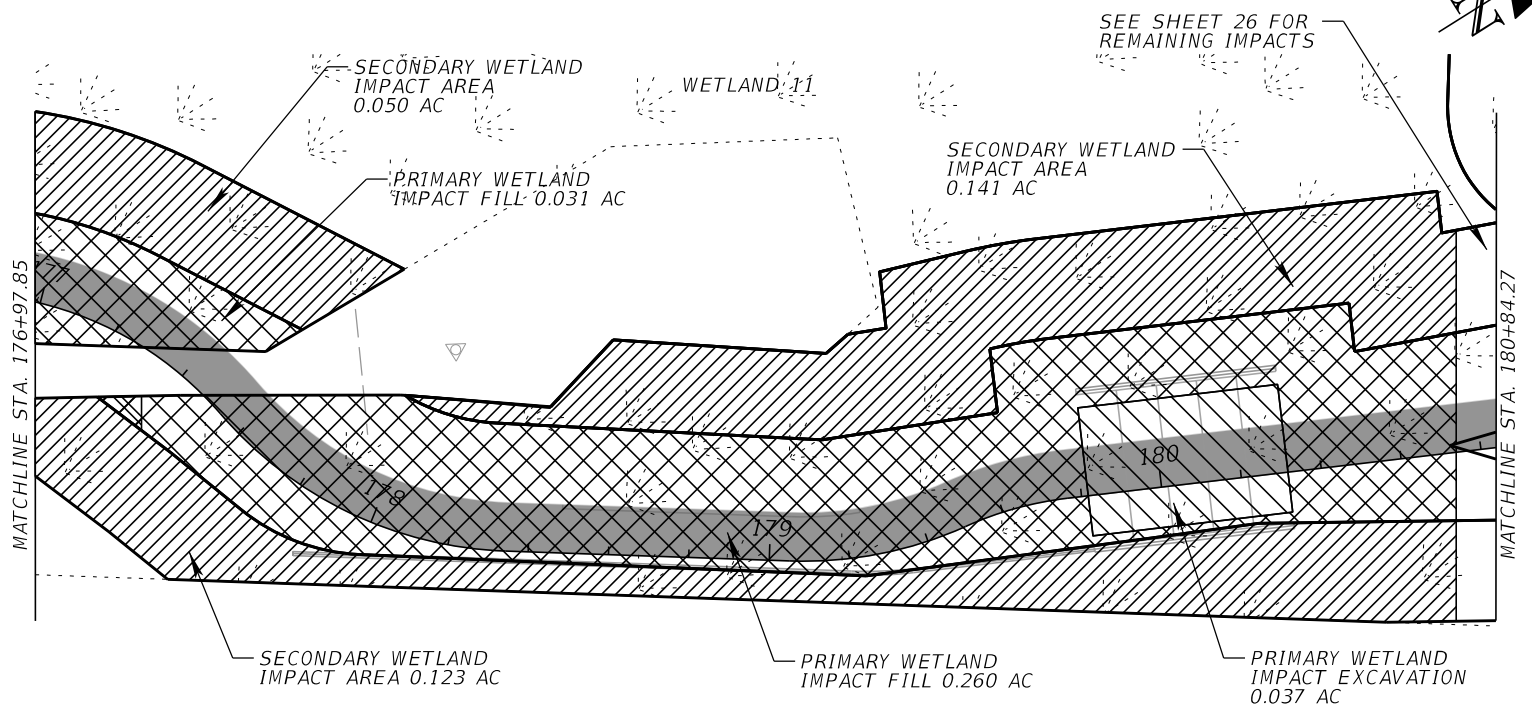
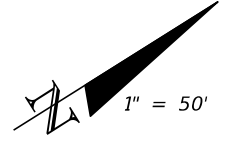
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

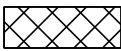

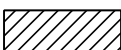

DREDGE & FILL SKETCH

SHEET NO.
24

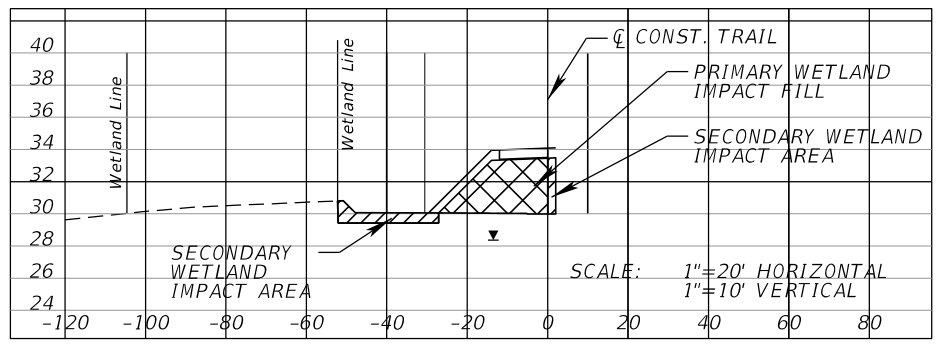
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LEGEND:

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-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 179+00.00



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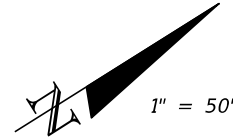
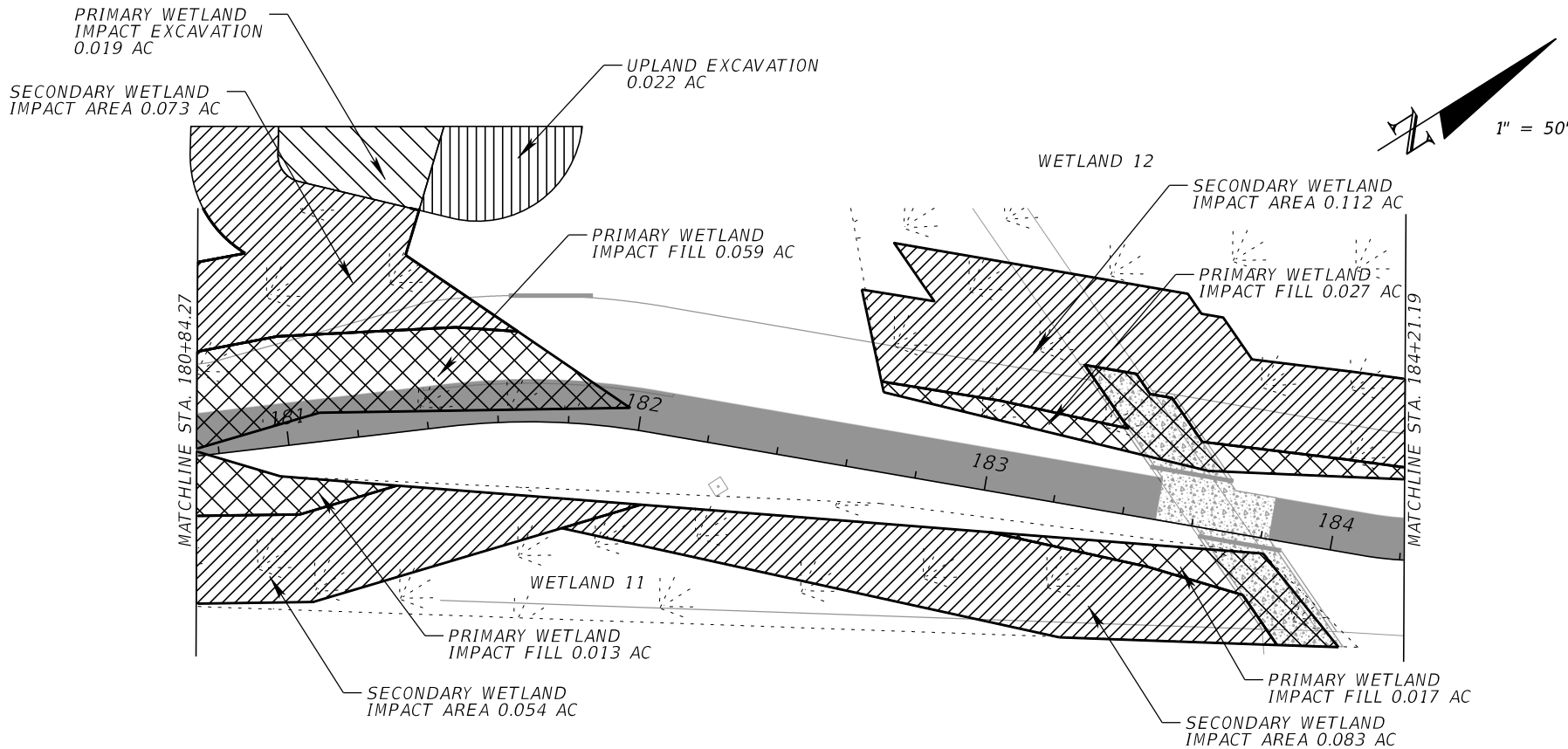
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.
25

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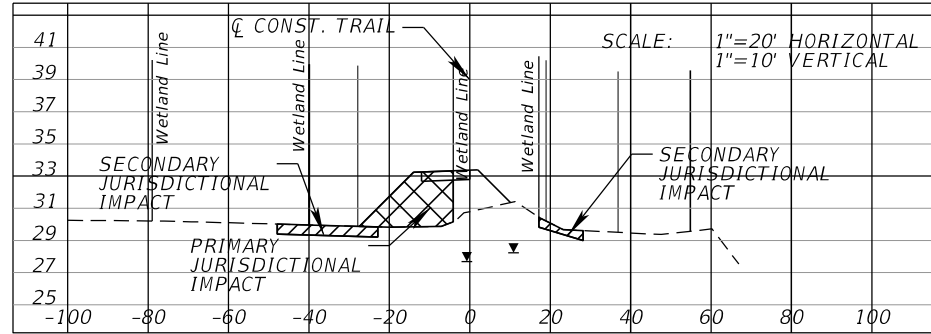
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LEGEND:

- PRIMARY WETLAND IMPACT FILL
- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 181+50.00



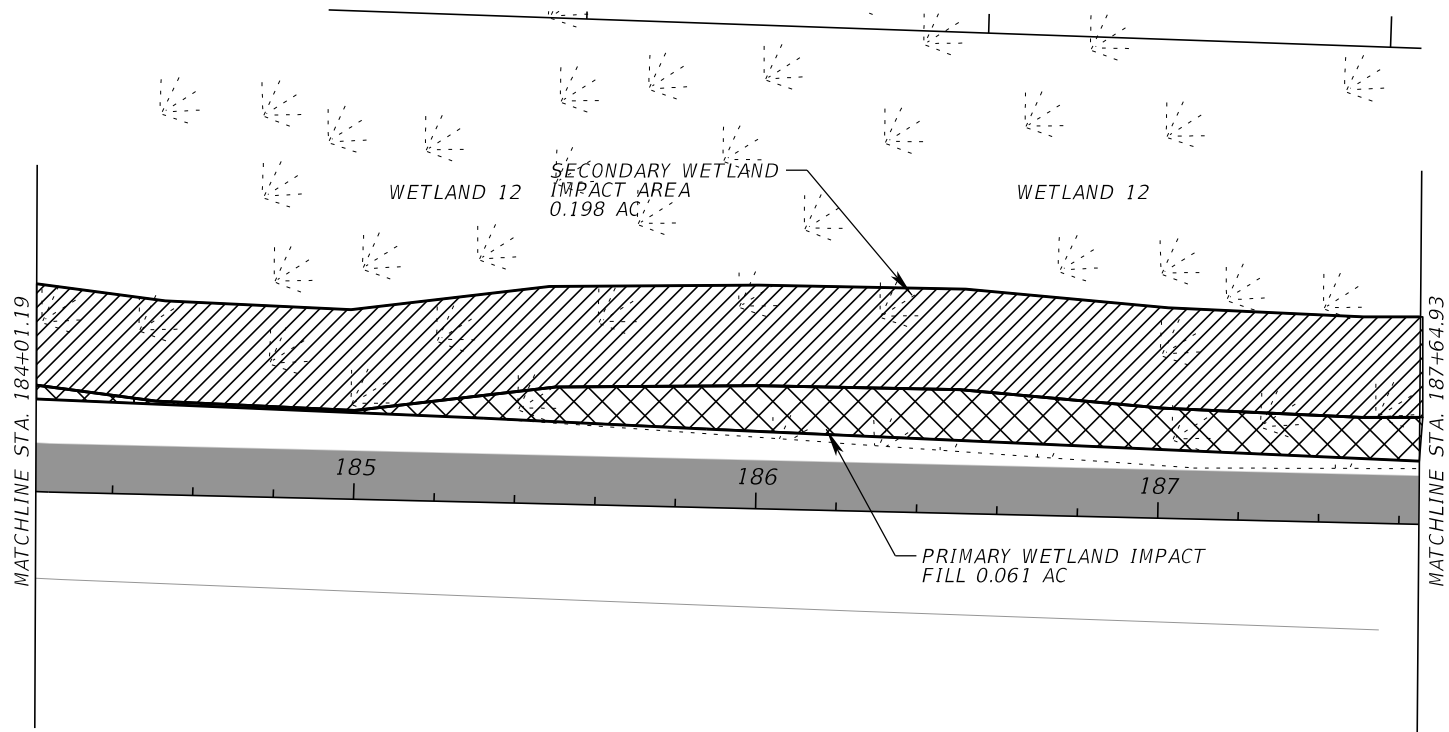
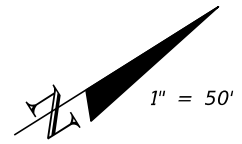
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


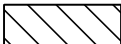


DREDGE & FILL SKETCH

SHEET
NO.

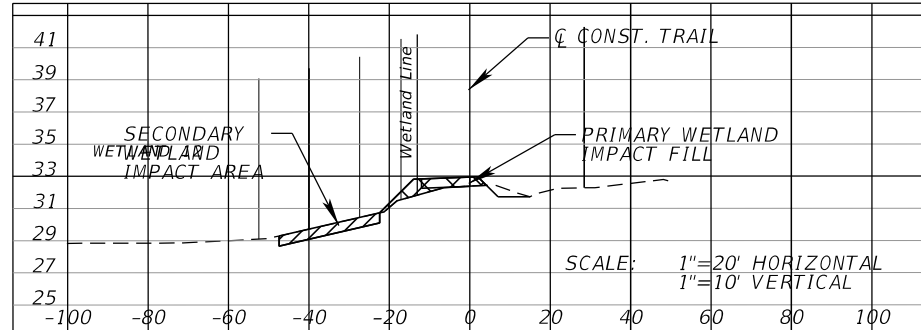
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 187+00.00



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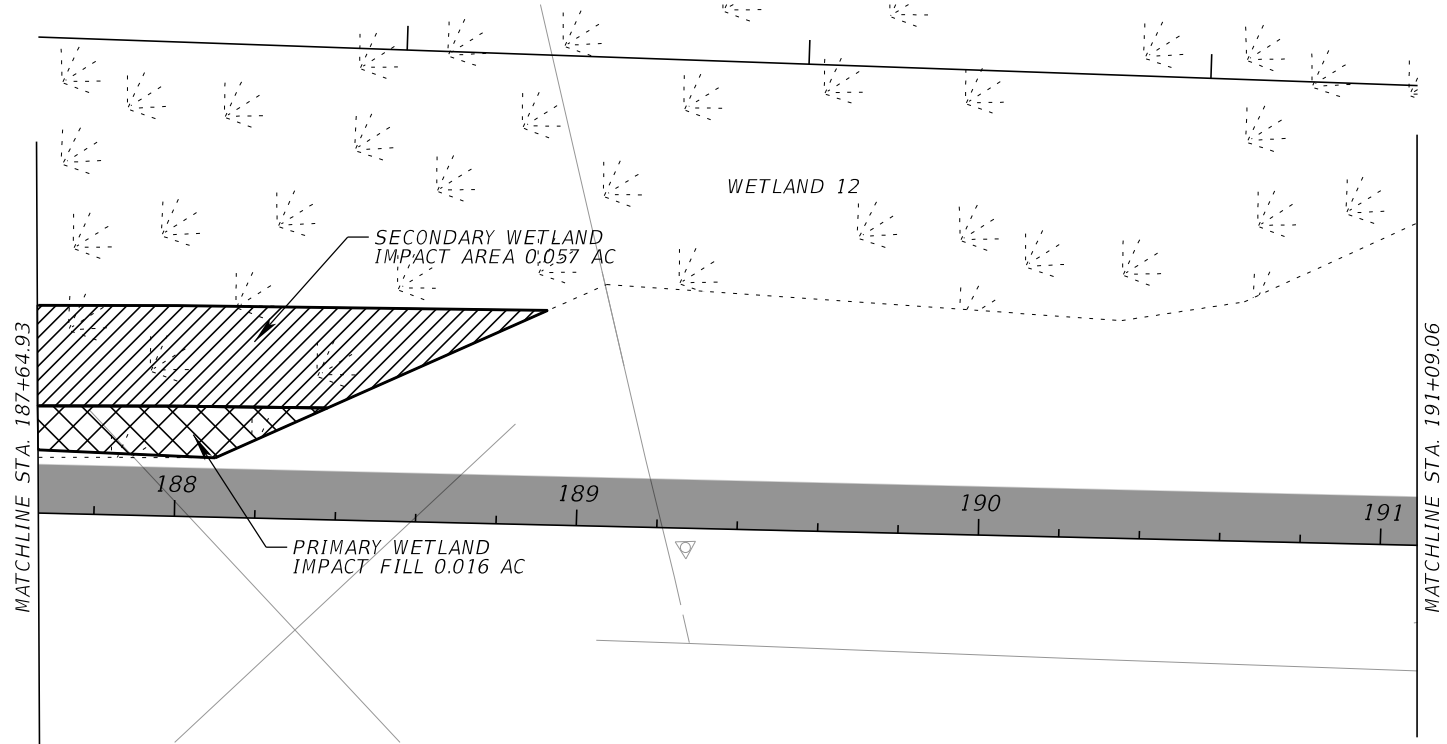
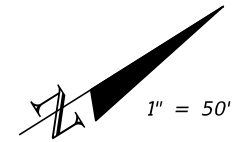
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


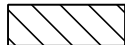
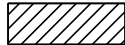

DREDGE & FILL SKETCH

SHEET NO.

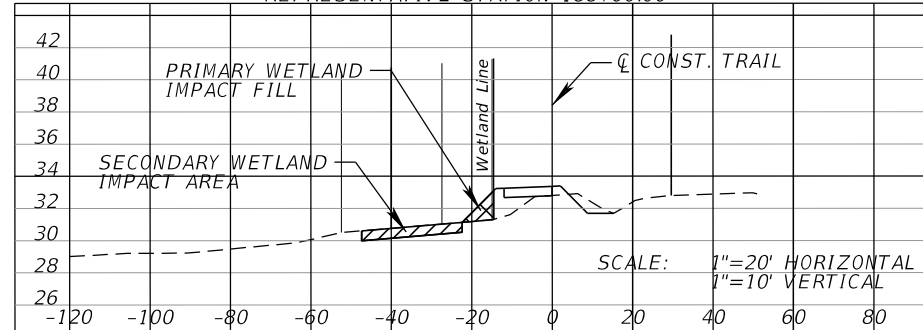
27



LEGEND:

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-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 188+00.00



SCALE: 1"=20' HORIZONTAL
1"=10' VERTICAL

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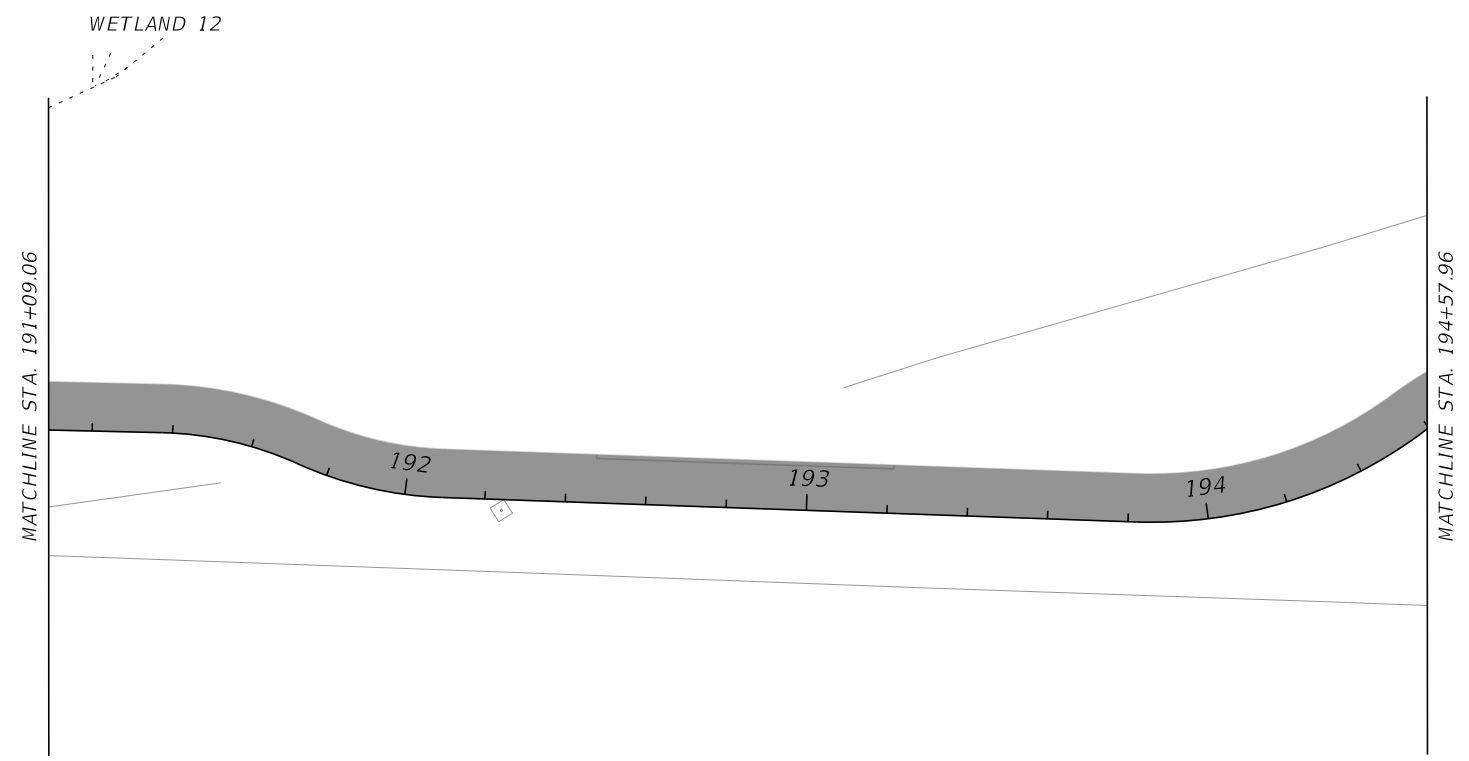
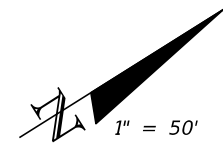
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.

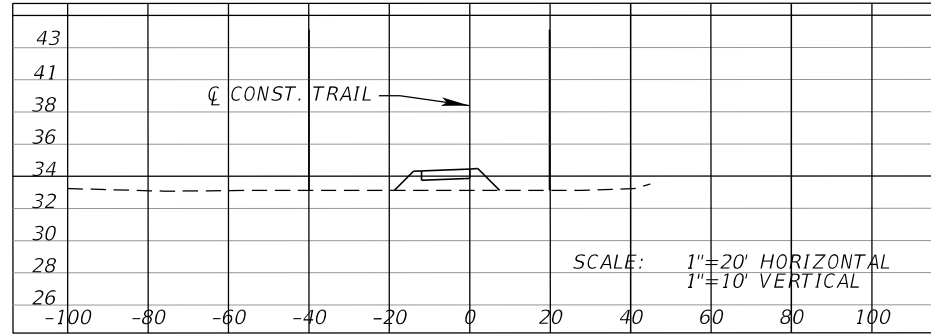
28



LEGEND:

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- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 193+00.00



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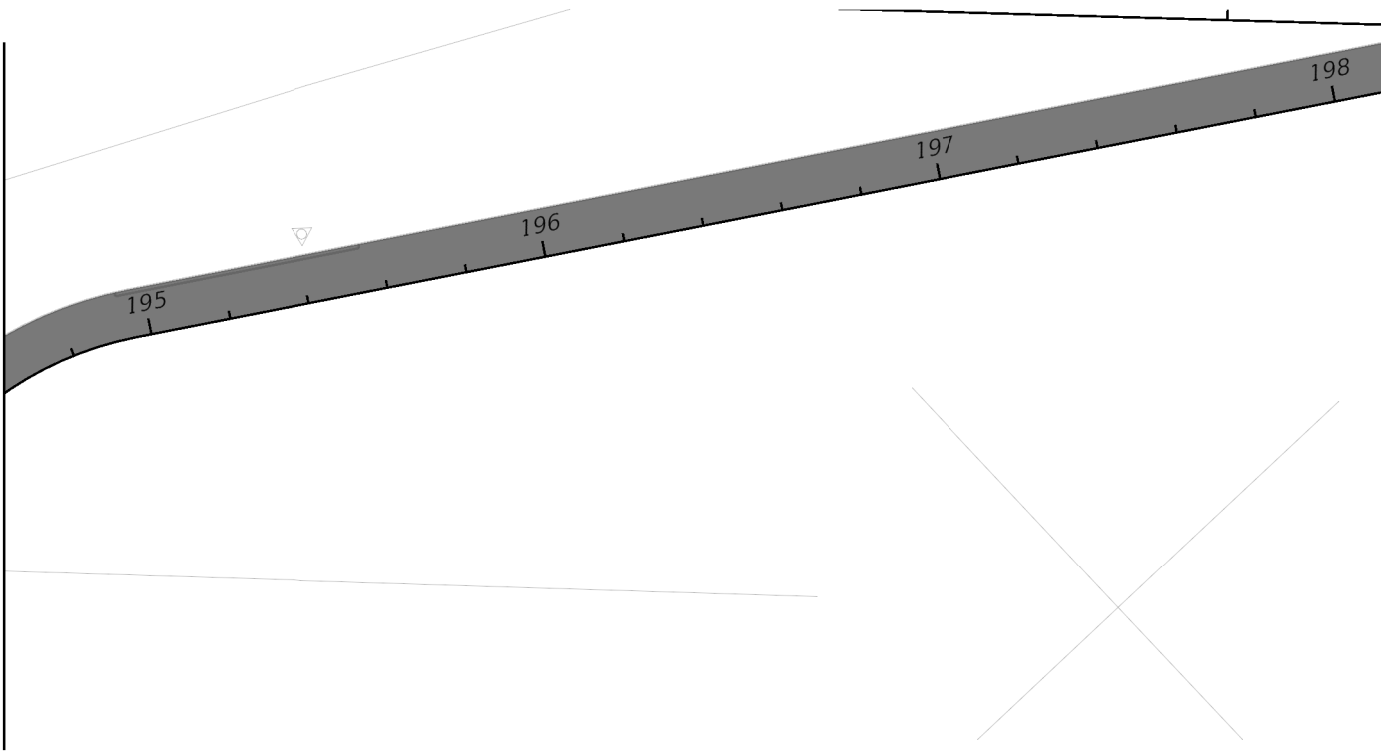
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

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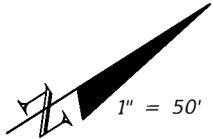
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29

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MATCHLINE STA. 194+57.96



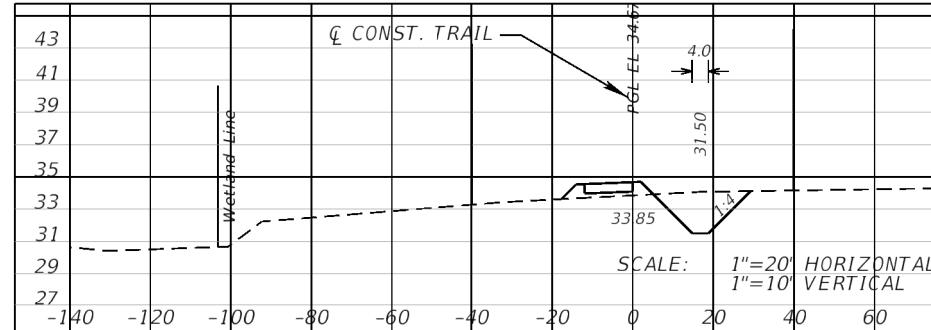
MATCHLINE STA. 198+13.96



LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 196+00.00



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STATE OF FLORIDA
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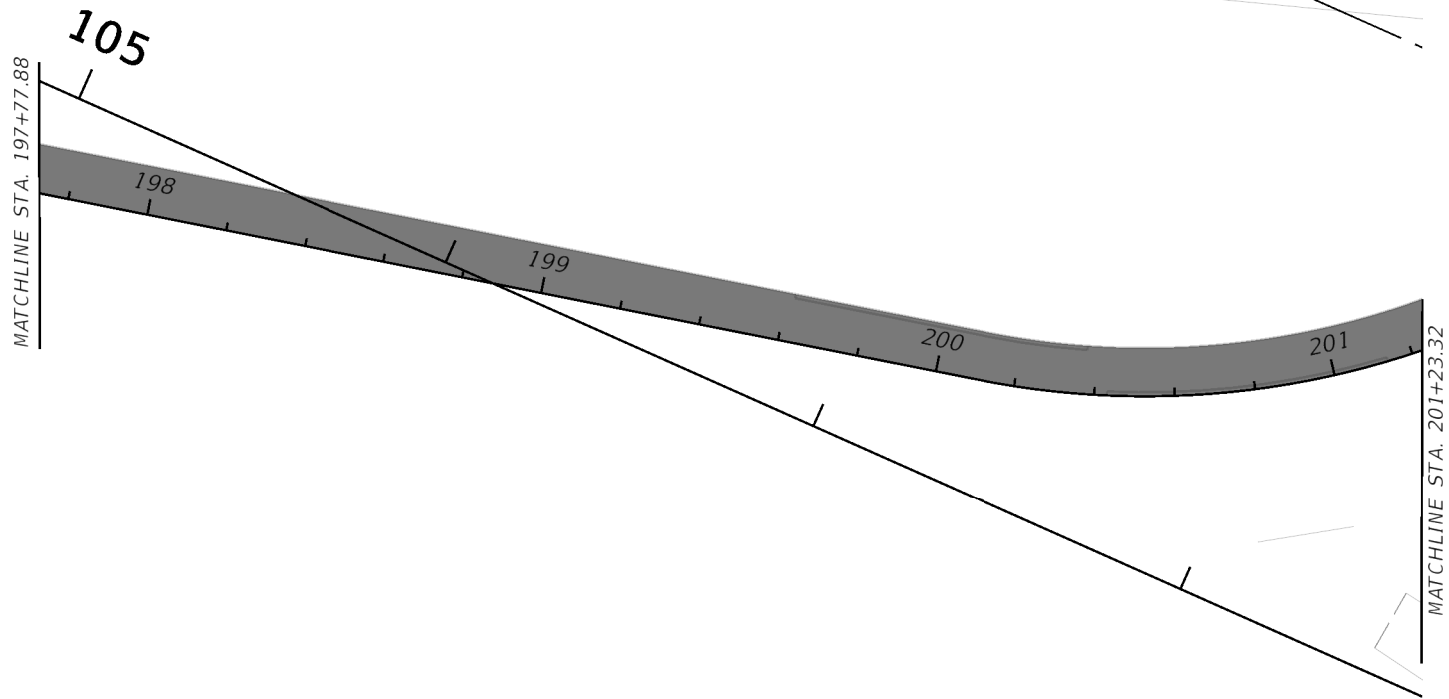
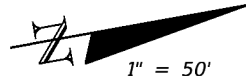
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH





SHEET NO.

30

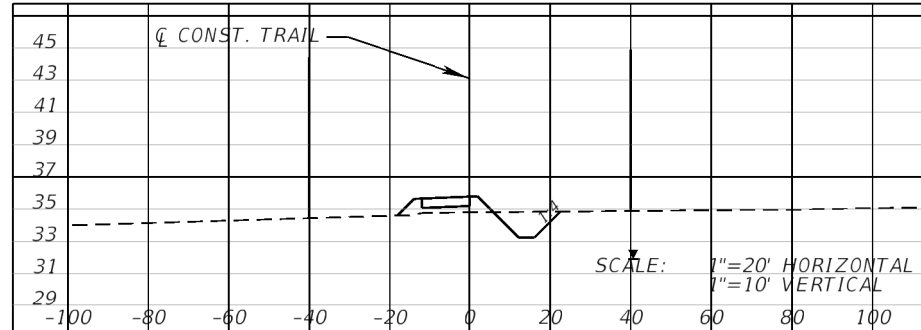
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 199+50.00



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Hiren M. Patel, PE #61797

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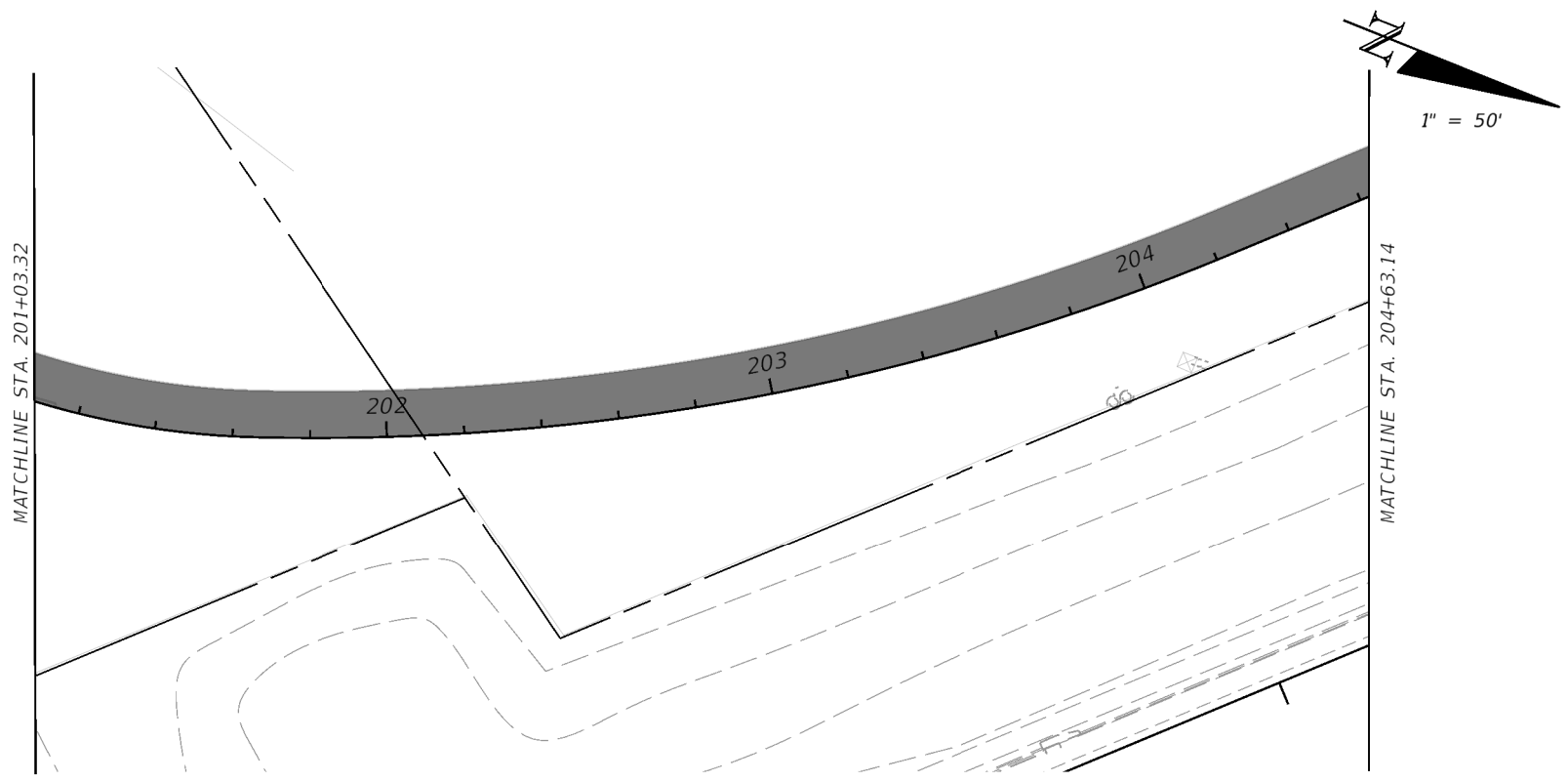
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH

SHEET NO.

31

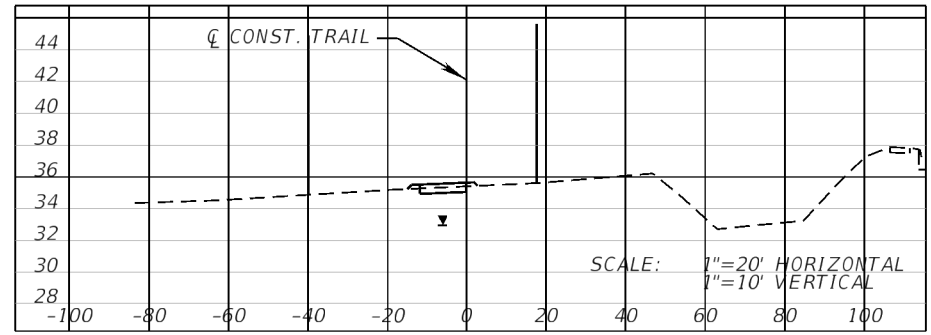
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LEGEND:

- PRIMARY WETLAND IMPACT FILL
- PRIMARY WETLAND IMPACT EXCAVATION
- SECONDARY WETLAND IMPACT AREA
- UPLAND EXCAVATION

REPRESENTATIVE STATION 203+00.00



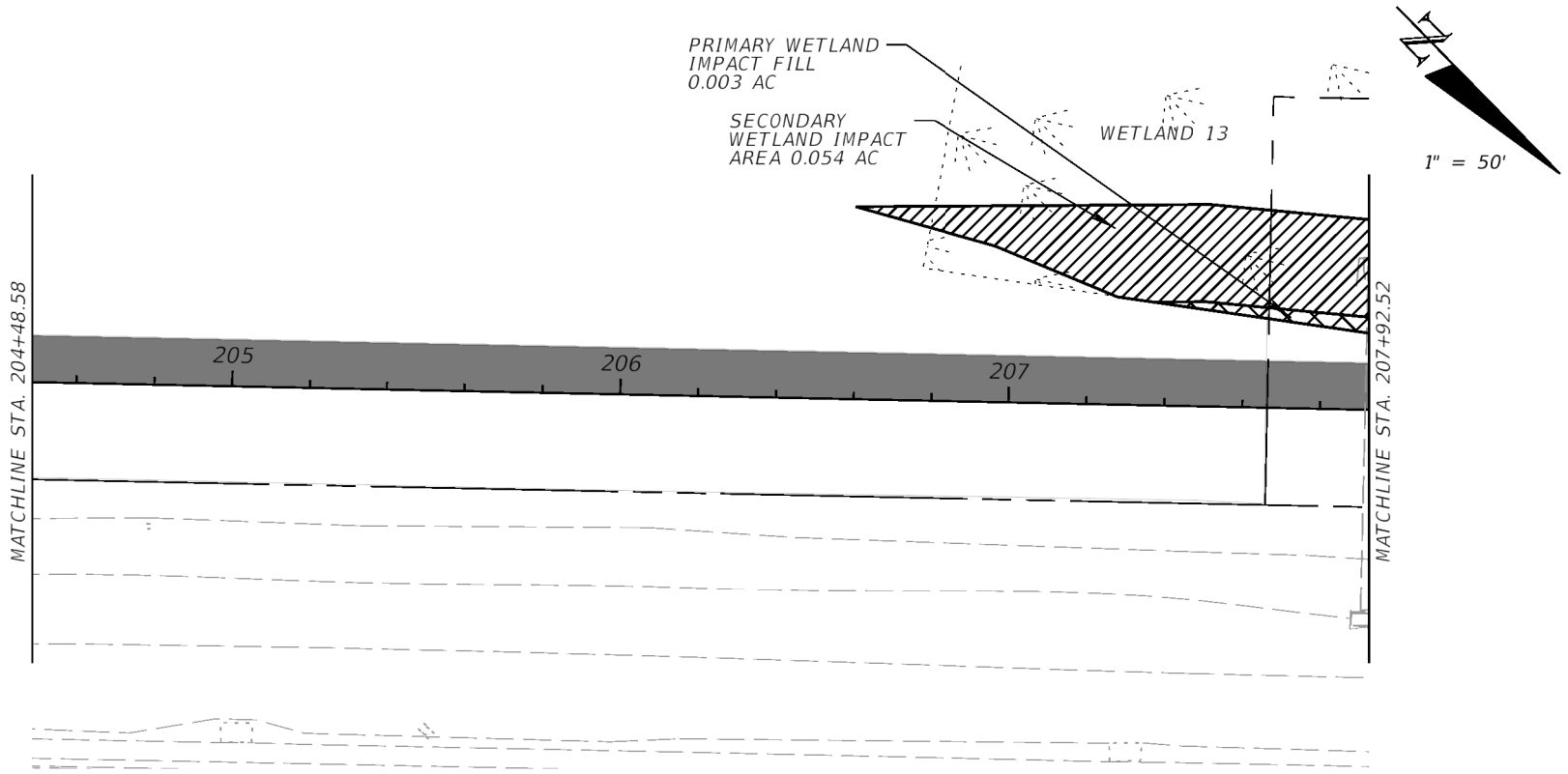
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


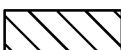


DREDGE & FILL SKETCH

SHEET
NO.

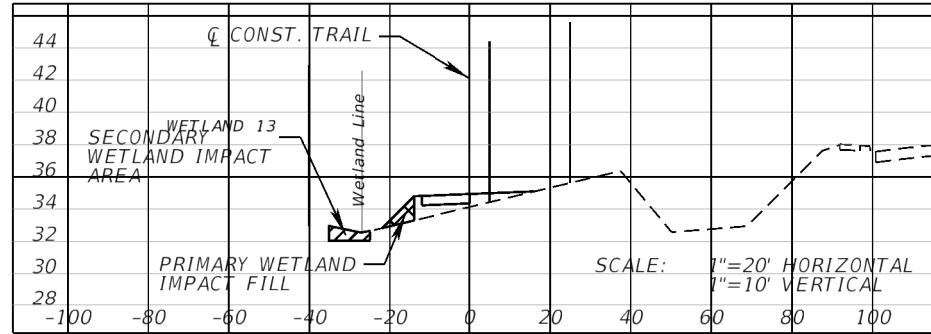
32



LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 206+00.00



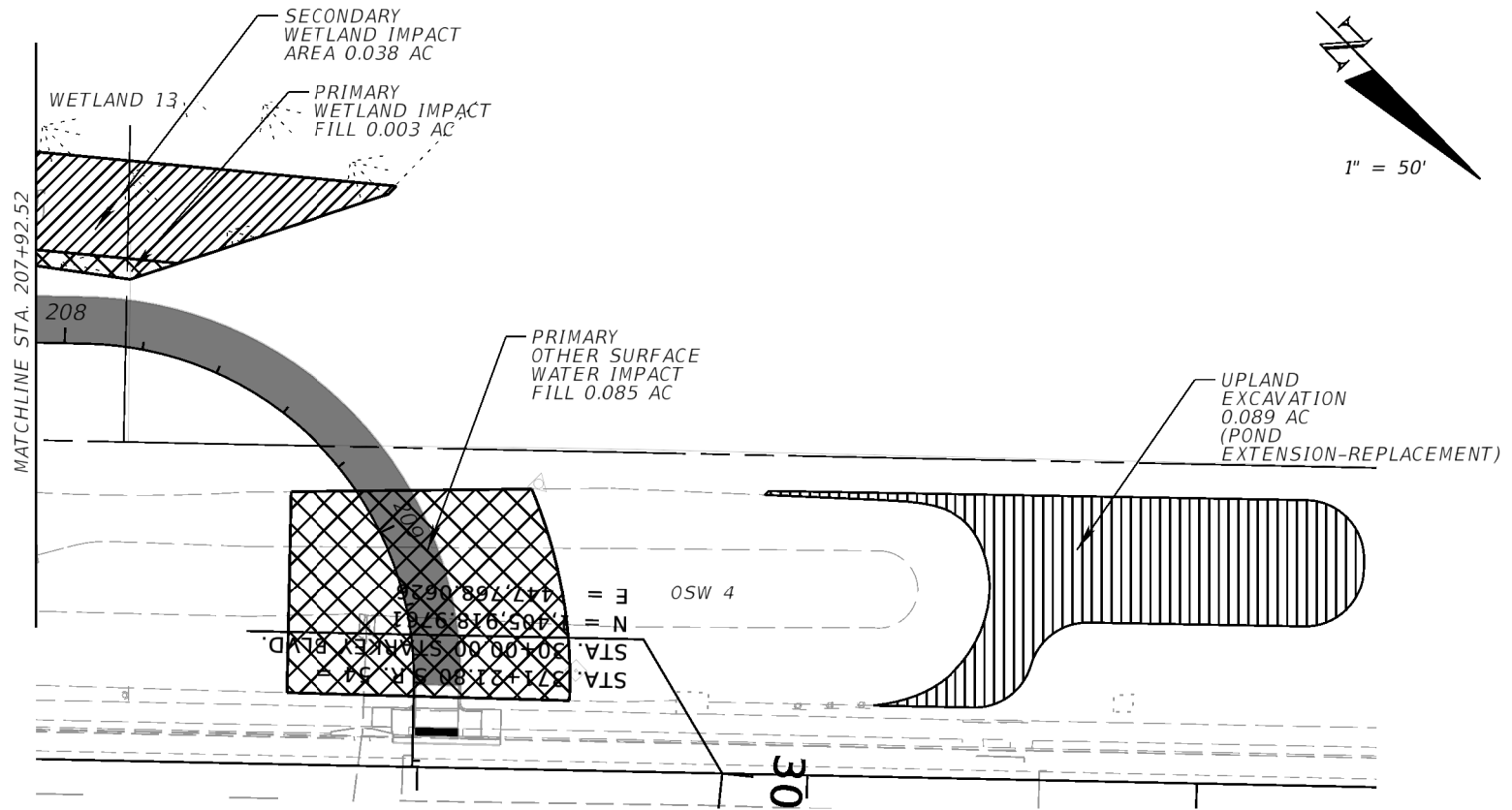
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH



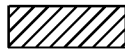

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33

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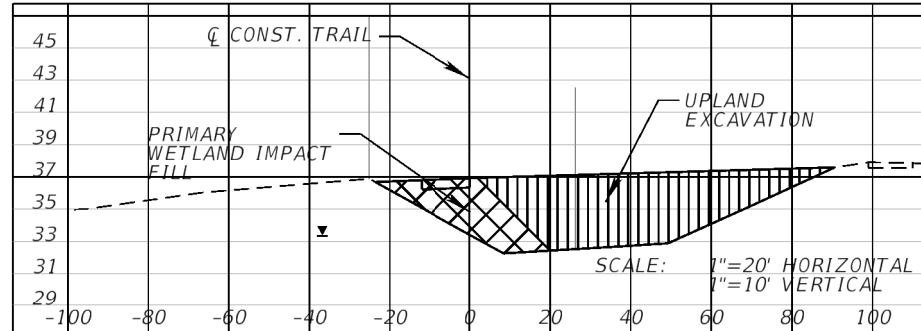


STA. 271+21.80 R. 34
 STA. 204+00.00 SINKER BLD.
 N = 1405.918.97
 E = 147.188.0628
 4 WSO

LEGEND:

-  PRIMARY WETLAND/OTHER SURFACE WATER IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 209+00.00



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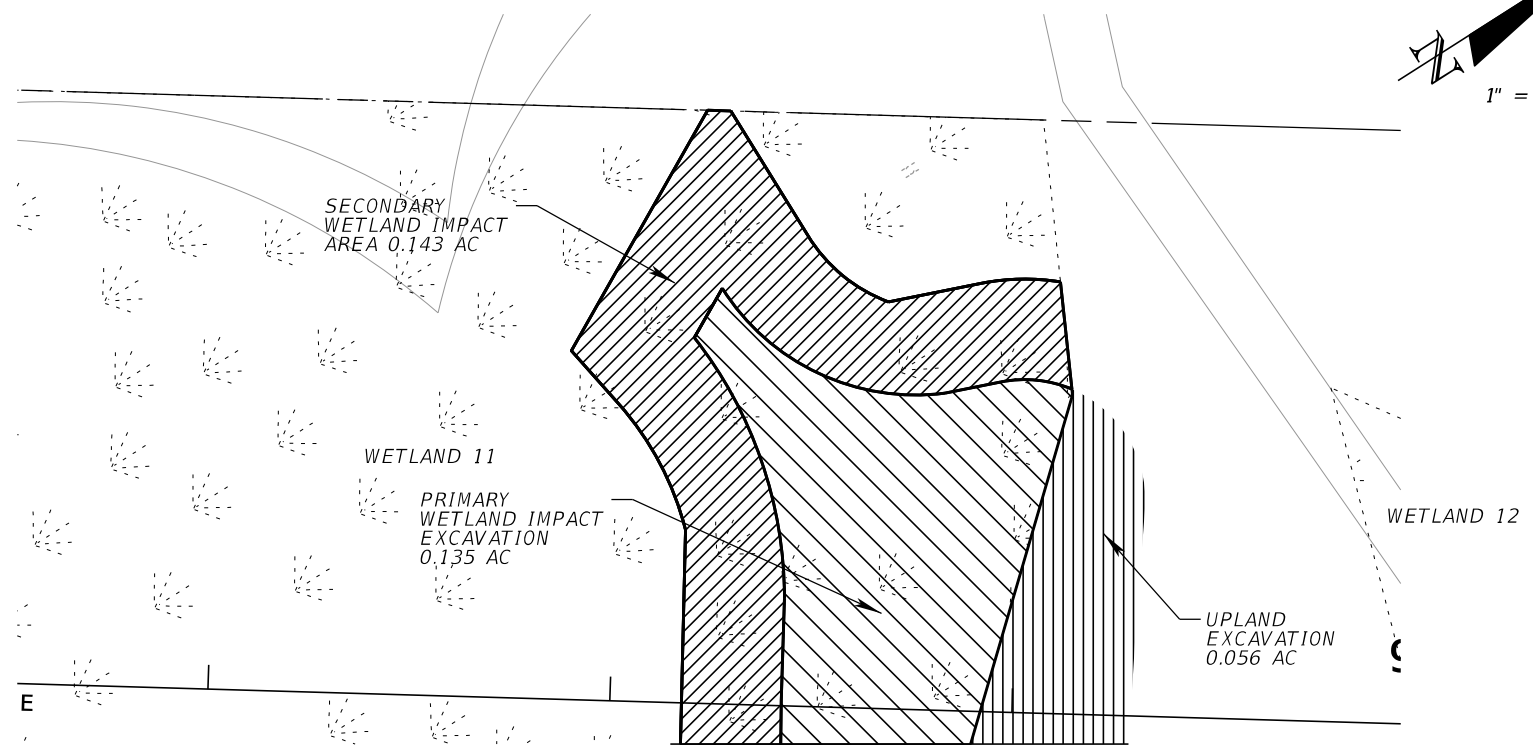
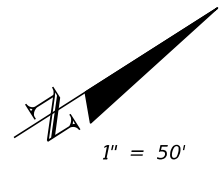
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01


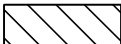


DREDGE & FILL SKETCH

SHEET NO.

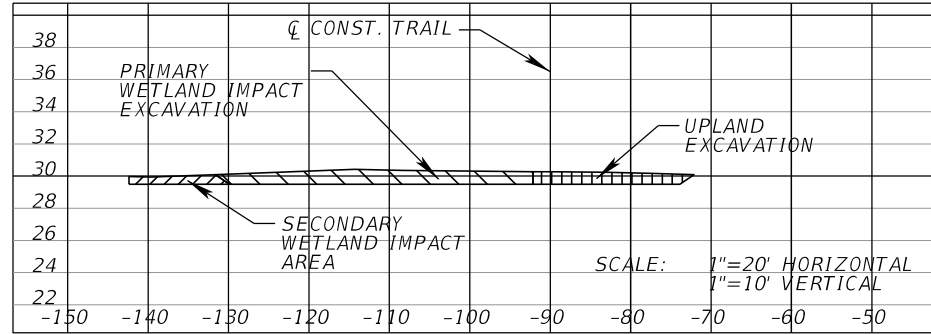
34



LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 181+50.00



SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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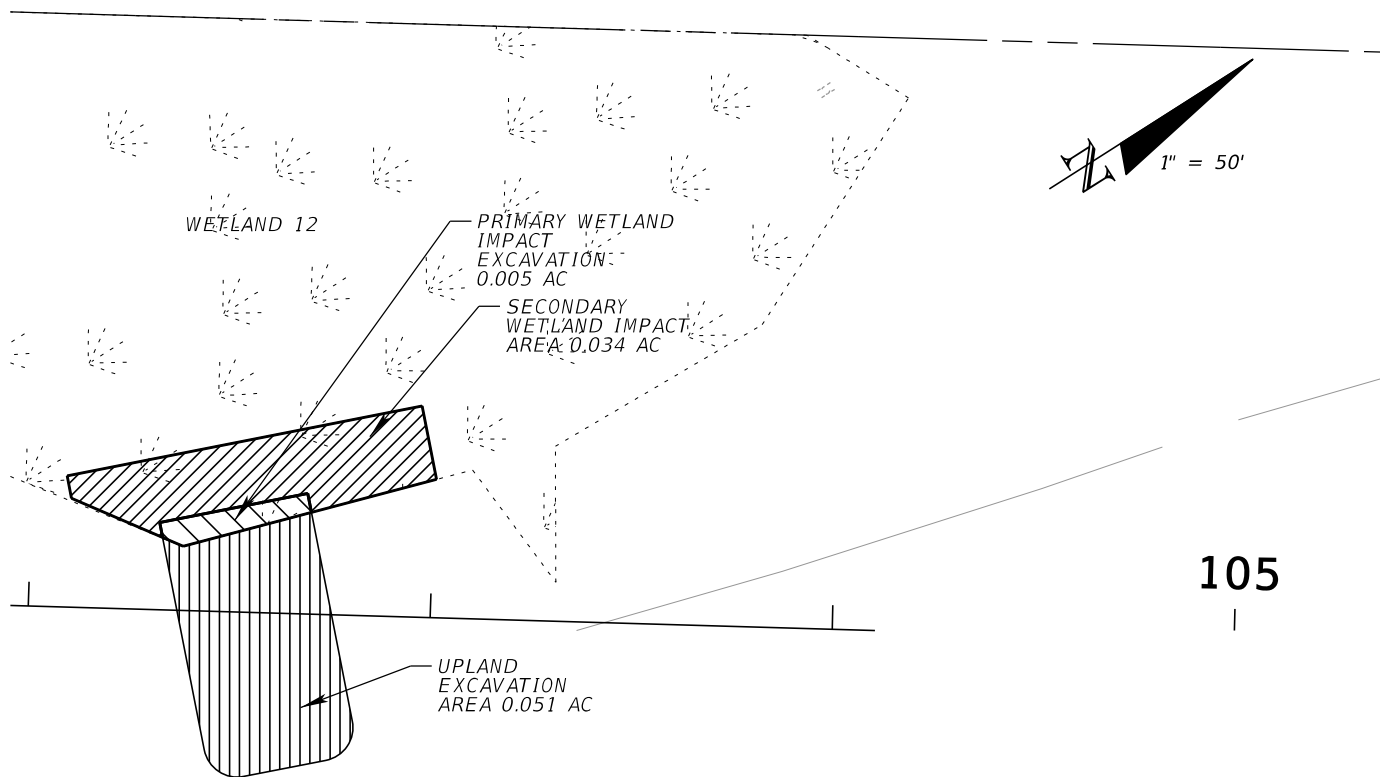
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	PASCO	435719-1-52-01

DREDGE & FILL SKETCH





SHEET NO.

35

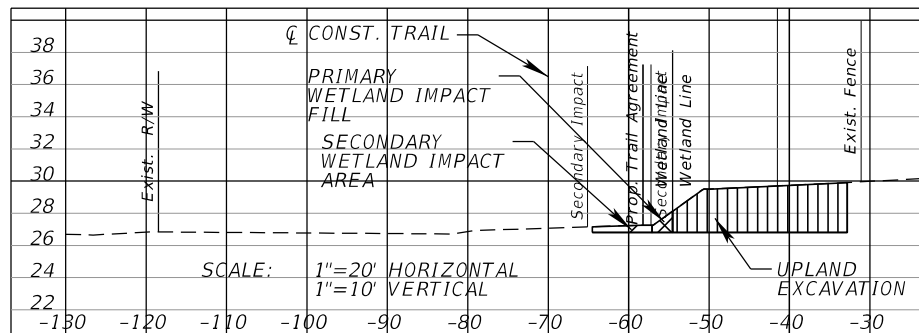
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LEGEND:

-  PRIMARY WETLAND IMPACT FILL
-  PRIMARY WETLAND IMPACT EXCAVATION
-  SECONDARY WETLAND IMPACT AREA
-  UPLAND EXCAVATION

REPRESENTATIVE STATION 195+50.00



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DREDGE & FILL SKETCH

SHEET NO.

36

<i>Wetland and Other Surface Water Impacts</i>						
<i>Wetland and Other Surface Water Identification</i>	<i>Size of Wetland (Acres) in Project Area</i>	<i>Permanent Impacts Fill (Acres)</i>	<i>Permanent Impacts Excavation (Acres)</i>	<i>Secondary Impacts (Acres)</i>	<i>Temporary Impacts (Acres)</i>	<i>Upland Excavation Area (Acres)</i>
1	0.05					
2A	0.02					
2B	0.11					
3	0.50			0.050		
4	0.06					
5	0.64					
6	1.83	0.141	0.064	0.202		
7	0.59			0.137		
8	3.07	0.399	0.030	0.766		
9	0.05	0.003		0.036		
10	1.67			0.058		
11	4.73	0.473	0.191	0.777		0.078
12	5.52	0.104	0.005	0.401		0.051
13*	0.26	0.007		0.092		
OSW1	0.65					
OSW2	0.04					
OSW3	0.03					
OSW4	0.214	0.085				0.089

*Secondary impacts are outside project limits

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<i>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</i>		
<i>ROAD NO.</i>	<i>COUNTY</i>	<i>FINANCIAL PROJECT ID</i>
N/A	PASCO	435719-1-52-01

WETLAND IMPACTS AREAS

SHEET NO.
37