

JOINT PUBLIC NOTICE

August 22, 2013

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT
CORPS OF ENGINEERS
REGULATORY FUNCTIONS BRANCH
P.O. BOX 60267
NEW ORLEANS, LA 70160

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL
QUALITY
OFFICE OF ENVIRONMENTAL
SERVICES
P.O. BOX 4313
BATON ROUGE, LA 70821-4313

STATE OF LOUISIANA
DEPARTMENT OF NATURAL
RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LA 70804-4487

Phone (504) 862- 1217

Fax (504) 862- 2574

Email Kenneth.G.Blanke@usace.army.mil

Phone (225) 219-3225

Fax (225) 325-8250

Phone (225) 342-3781

Fax (225) 342-9439

Email vickie.amedee@la.gov

COE REVIEWER:

Kenny Blanke

DEQ REVIEWER:

Jamie Phillippe

OCM REVIEWER:

Vickie Amedee

COE NUMBER:

MVN- 2013- 1561- CQ

WQC NUMBER:

130814- 01

CUP NUMBER:

P20130675

NAME: **COASTAL PROTECTION AND RESTORATION AUTHORITY**
c/o URS CORPORATION
3500 N. CAUSEWAY BLVD., SUITE 900
METAIRIE, LA 70002
Attn: Jim Leblanc

LOCATION: **Ascension, Saint James, Saint John The Baptist Parishes, LA;** Channel P.O.B. @ Lat. 30° 03' 03.36"N, Long. 90° 38' 36.52"W; Channel P.O.E. @ Lat. 30° 07' 21.49"N, Long. 90° 38' 26.11"W; Garyville, LA

DESCRIPTION: Proposed River Reintroduction into Maurepas Swamp (PO-29). An intake channel will be excavated in the Mississippi River batture, a gated structure will be built through the levee, and three 10' x 10' box culverts will be installed to convey river water under the levee and River Road. The culverts will discharge into a large sand settling basin, connected to a 5.5 mile long banked conveyance channel, which will divert flow to the Maurepas Swamp. Four 8' x 8' box culverts will be installed to cross under the Canadian National Railway, a bridge will be constructed over the Kansas City Southern Railway and six 9' x 9' box culverts will be installed to cross under US Hwy. 61. Just north of US Hwy. 61, the channel will follow the existing Hope Canal alignment to ultimately distribute the diverted water into the wetlands 1,000' north of I-10. A drainage pumping station will be constructed at the confluence of the Hope and Bourgeois Canals to maintain the existing storm water drainage capacity in the vicinity of the community of Garyville. The existing Hope Canal boat launch and dock will be relocated immediately north of the new pump station. Rock weirs will be installed at Blind River, Bourgeois Canal and Bayou Secret. Five cuts will be created in the abandoned railroad embankment north of I-10 and east of Blind River. Ten check valves will be installed on the north side of I-10 on the existing culverts under the interstate. Approx. 1,021,236 cu. yds. of native material will be excavated and disposed of off-site, 443,579 cu. yds. of topsoil/dirt, 85,340 cu. yds. of soil/cement mixing, 10,344 cu. yds. of crushed stone/gravel, 4,400 cu. yds. of rock and 700 cu. yds. of concrete will be required for project activities. Approx. 140 acres of wetland habitat, 71 acres of non-wetland habitat and 20 acres of non-vegetated waterbottoms may be impacted as a result of this proposed activity.

NOTICE the Louisiana Department of Natural Resources, Office of Coastal Management (OCM) has received the above application for a Coastal Use Permit (CUP) in accordance with the State and Local Coastal Resources Management Act of 1978, as amended, (Louisiana R.S. 49:214.21-214.41), and the rules and regulations of the Coastal Resources Program. Applications for the proposed work may be inspected at 617 North 3rd Street, Room 1078, Baton Rouge, LA or on the OCM web page at: <http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=591>. Copies may be obtained upon payment of cost of copying. Written comments, including suggestions for modifications or objections to the proposed work and stating the reasons thereof, are being solicited from the public. Comments must be received within 25 days of the date of publication of this notice. Comments should be uploaded to our electronic record, but may be mailed, faxed or emailed to the designated OCM Reviewer. All comments must contain the appropriate application number and the commenter's full name and contact information.

The comment period for the Department of Army will close in **30 days** from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The US Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the US Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to 126.13 acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services before a permit is issued.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

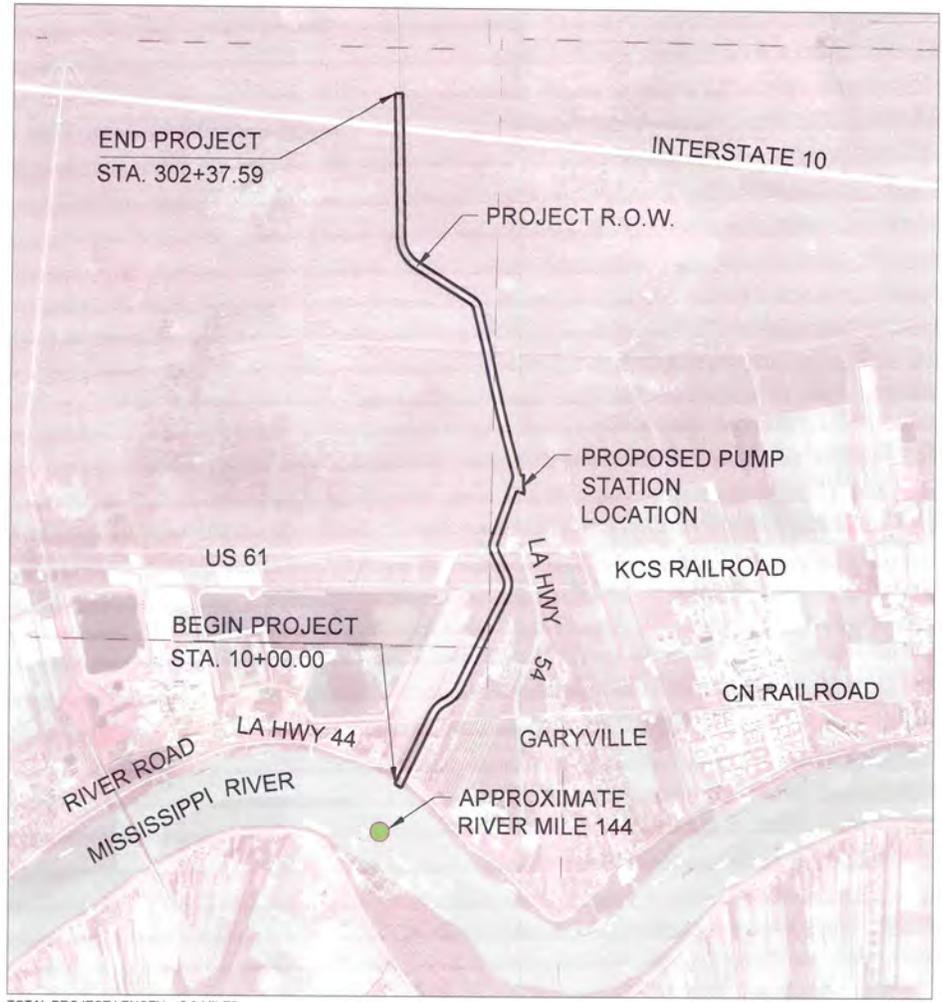
Enclosures

STATE OF LOUISIANA
 DEPARTMENT OF NATURAL RESOURCES
 COASTAL ENGINEERING DIVISION

RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP
 PROJECT NO. P0-29
 ST. JOHN THE BAPTIST PARISH, LOUISIANA



PROJECT LOCATION
 ST. JOHN THE BAPTIST
 PARISH



TOTAL PROJECT LENGTH = 5.3 MILES N.T.S.



- _____
CONSULTANT PROJECT ENGINEER
- _____
CED DIRECTOR
- _____
CED ENGINEER MANAGER
- _____
CED PROJECT ENGINEER

URS
 3500 N. Causeway Blvd., Suite 900
 Metairie, Louisiana 70002
 (504) 837-6326

COASTAL PROTECTION AND RESTORATION AUTHORITY
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: APO DESIGNED BY: CL

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

TITLE SHEET

SHEET NO. TITLE

**River Reintroduction into Maurepas Swamp
Joint Permit Application for Work within the
Louisiana Coastal Zone**

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RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

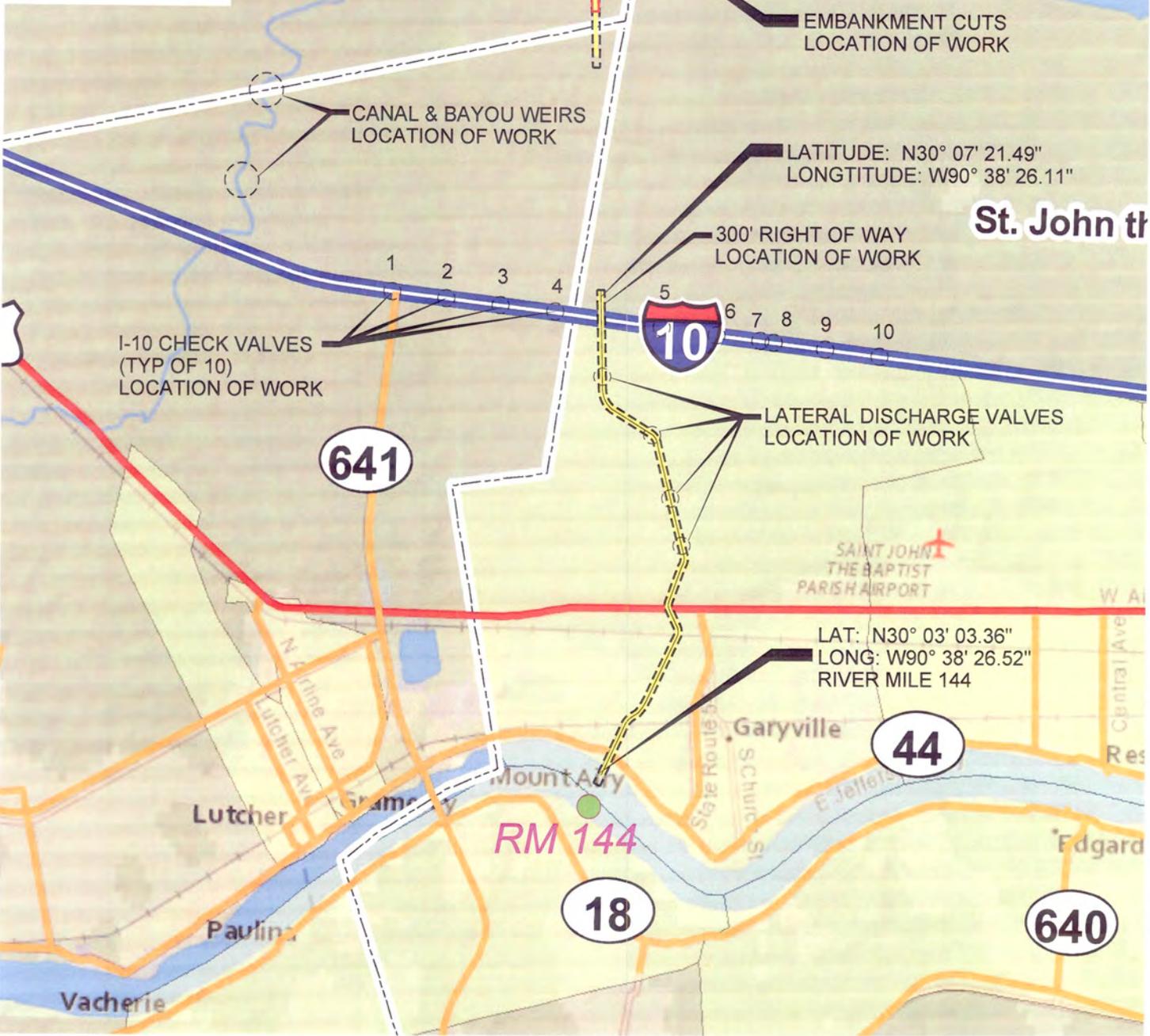
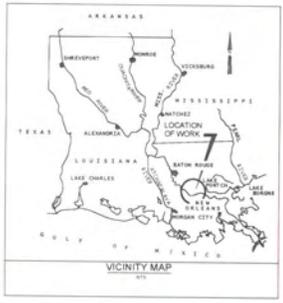
INDEX OF DRAWINGS

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO

INDEX



PROJECT LOCATION MAP
SCALE: 1:4000



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DRAWN BY: APO

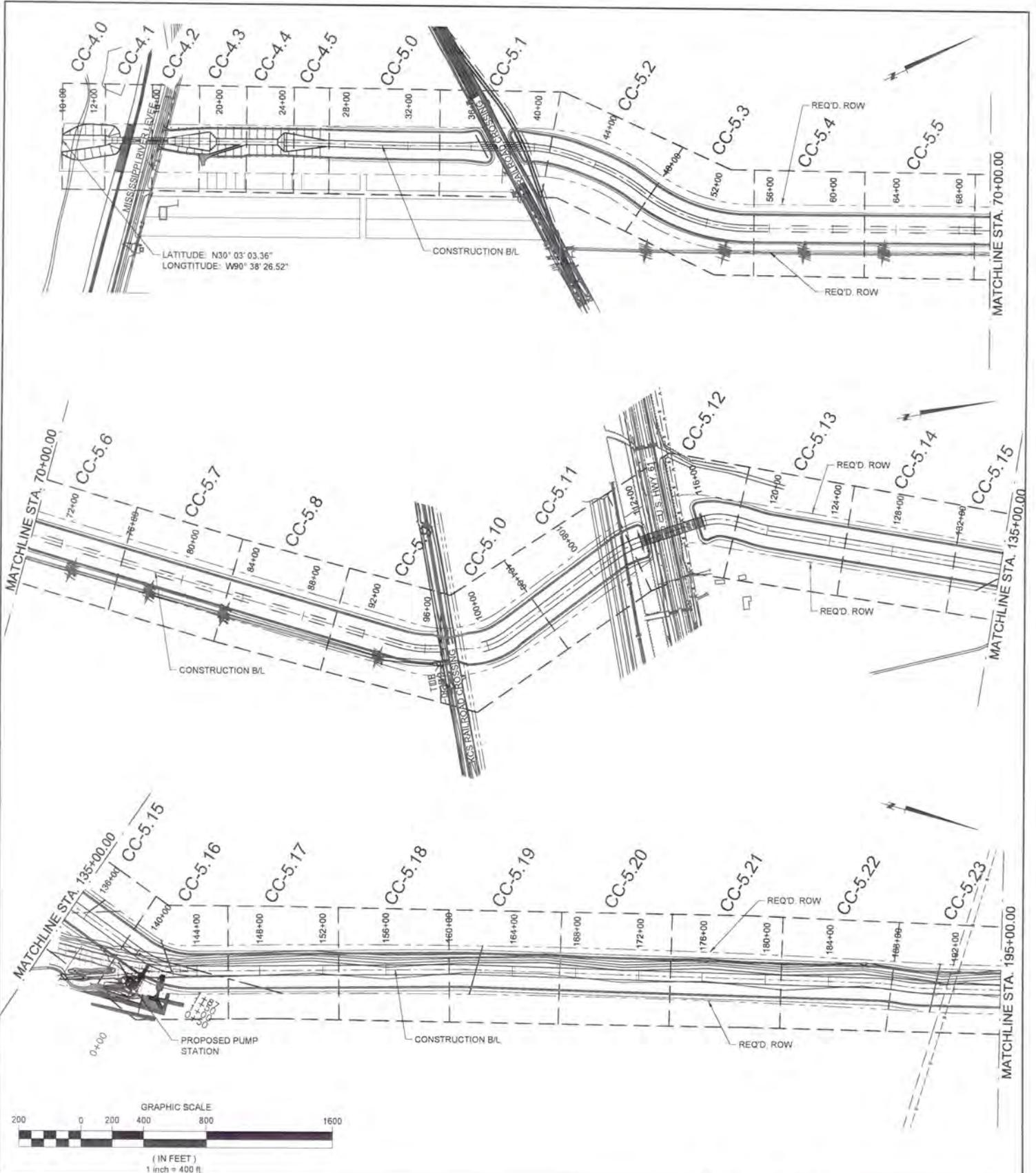
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

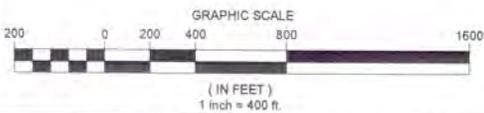
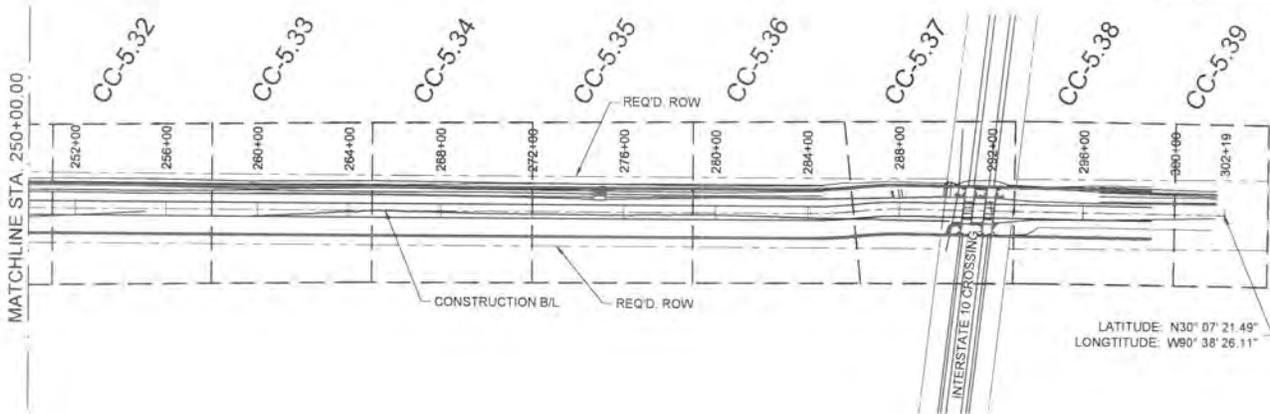
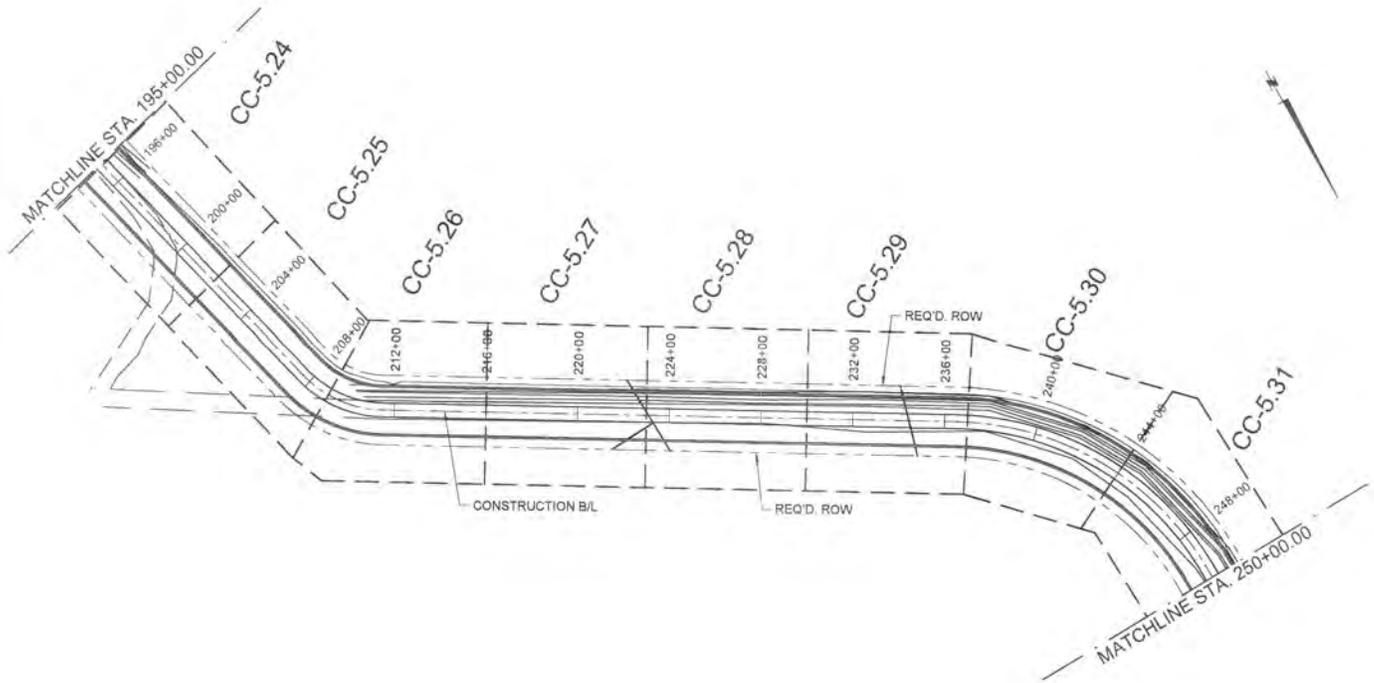
PROJECT NUMBER: 10001877

VICINITY AND LOCATION MAPS

SHEET NO. CC-1.1



 <p>3500 N. Causeway Blvd., Suite 900 Metairie, Louisiana 70002 (504) 837-6326</p>	<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</p>		<p>RIVER REINTRODUCTION INTO MAUREPAS SWAMP ST. JOHN THE BAPTIST PARISH, LOUISIANA</p>
	DRAWN BY: APO		DESIGNED BY: CL
	PROJECT NUMBER 10001877		<p>HORIZONTAL ALIGNMENT KEY PLAN</p>
SHEET NO.		CC-2.1	



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: APO

DESIGNED BY: CL

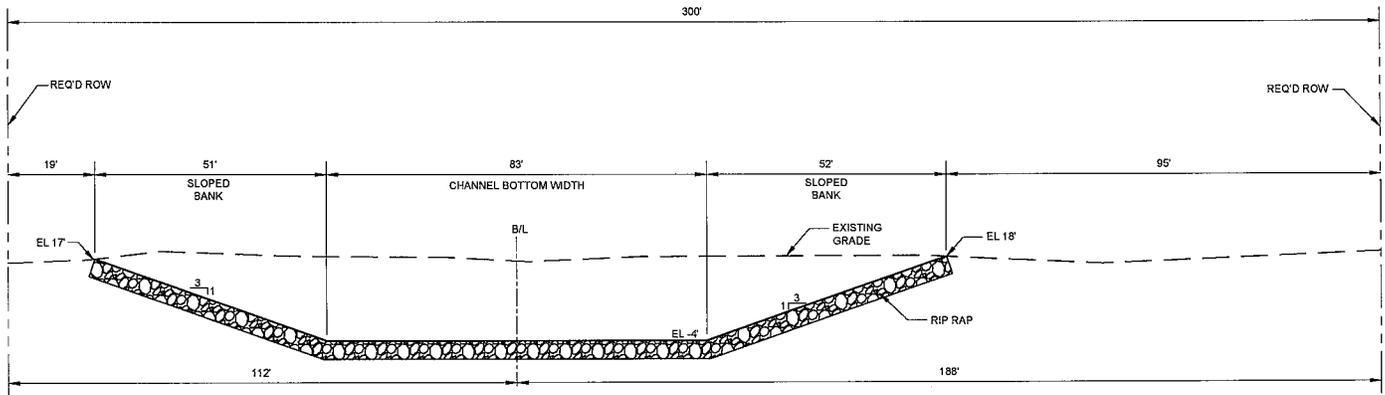
RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

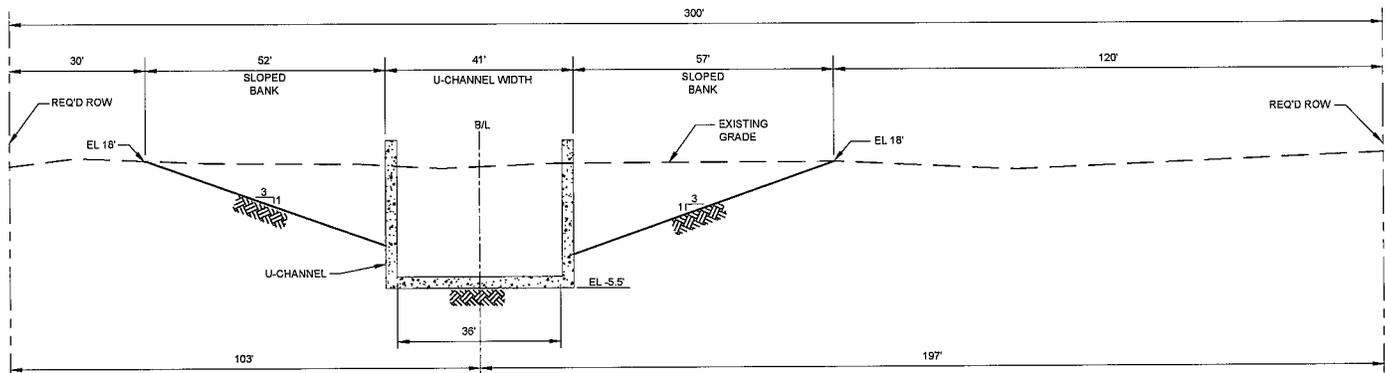
HORIZONTAL ALIGNMENT
KEY PLAN

SHEET NO.

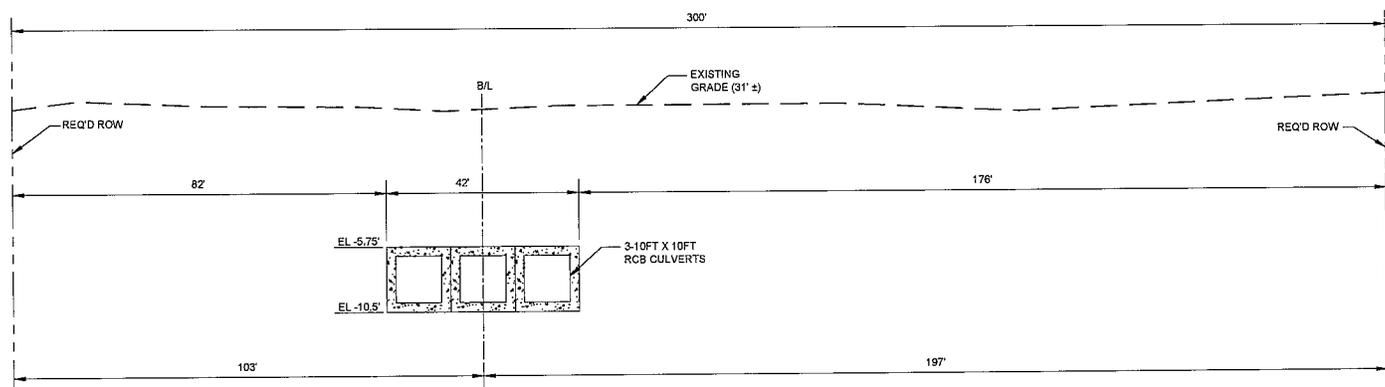
CC-2.2



INTAKE CHANNEL
TYPICAL SECTION
 NTS



CONCRETE U-CHANNELS
TYPICAL SECTION
 NTS



LEVEE CROSSING
TYPICAL SECTION
 NTS

GENERAL NOTES:

1. DEEP SOIL MIXING SHALL BE REQUIRED FOR PORTIONS OF THE SEDIMENTATION BASIN AREA.
2. TOP OF LEVEE WILL BE UTILIZED FOR LIGHT TRUCK ACCESS, IN ORDER TO MONITOR LENGTH OF CONVEYANCE CHANNEL. THIS 10' WIDE LEVEE AREA SHALL HAVE A 6" SECTION OF CRUSHED GRAVEL.
3. THE PROPOSED FENCING IS REQUIRED ADJACENT TO RESIDENTIAL AREAS AS A VISUAL BUFFER.



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COASTAL PROTECTION AND
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**RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA**

PROJECT NUMBER: 10001877

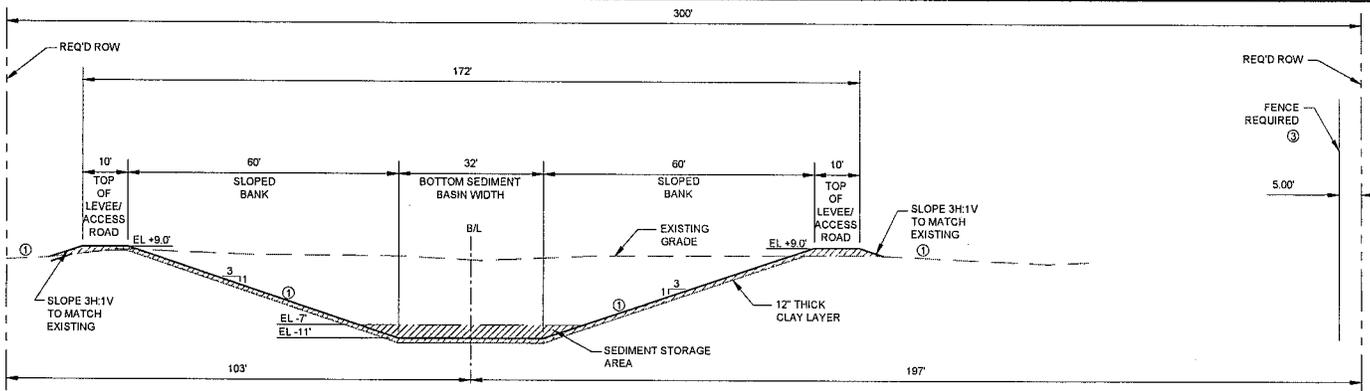
**INTAKE CHANNEL TO LEVEE CROSSING
 TYPICAL SECTIONS**

DRAWN BY: APO

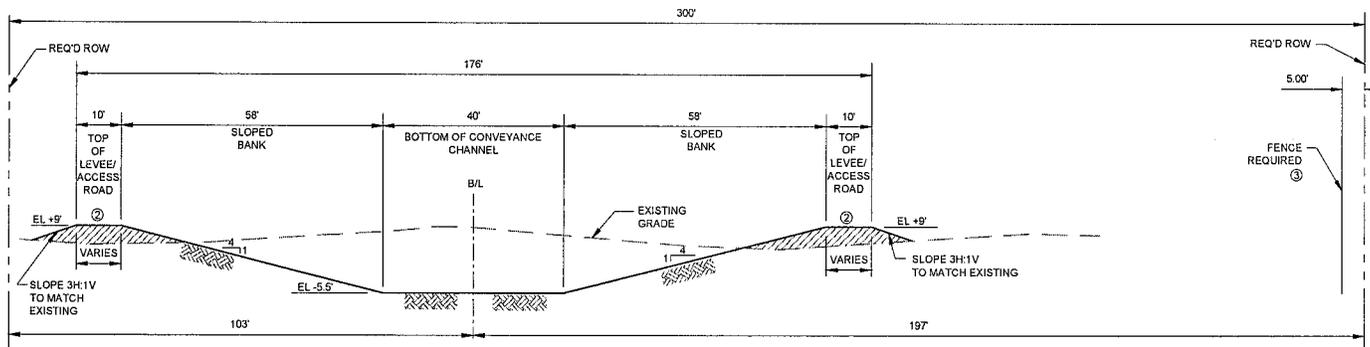
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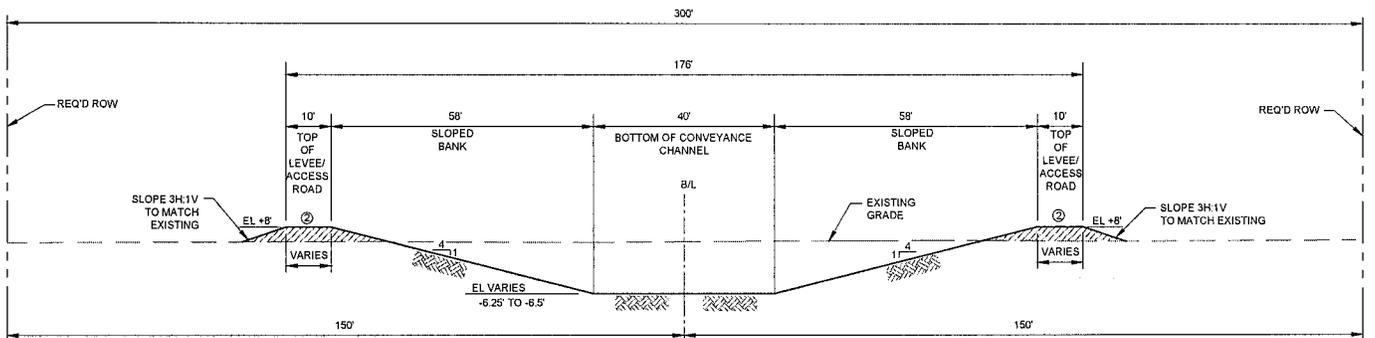
CC-3.1



SEDIMENT BASIN
TYPICAL SECTION
 NTS



CONVEYANCE CHANNEL
SEDIMENTATION BASIN TO CN RAILROAD
TYPICAL SECTION
 NTS



CONVEYANCE CHANNEL
CN RAILROAD TO KCS RAILROAD
TYPICAL SECTION
 NTS

GENERAL NOTES:

1. DEEP SOIL MIXING SHALL BE REQUIRED FOR PORTIONS OF THE SEDIMENTATION BASIN AREA.
2. TOP OF LEVEE WILL BE UTILIZED FOR LIGHT TRUCK ACCESS, IN ORDER TO MONITOR LENGTH OF CONVEYANCE CHANNEL. THIS 10' WIDE LEVEE AREA SHALL HAVE A 6" SECTION OF CRUSHED GRAVEL.
3. THE PROPOSED FENCING IS REQUIRED ADJACENT TO RESIDENTIAL AREAS AS A VISUAL BUFFER.



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COASTAL PROTECTION AND
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DRAWN BY: APO

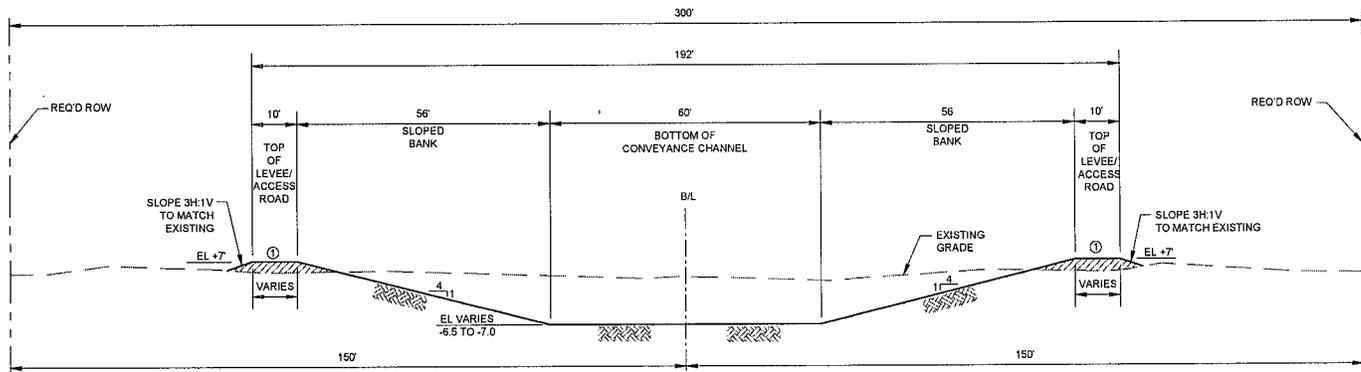
DESIGNED BY: CL

**RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA**

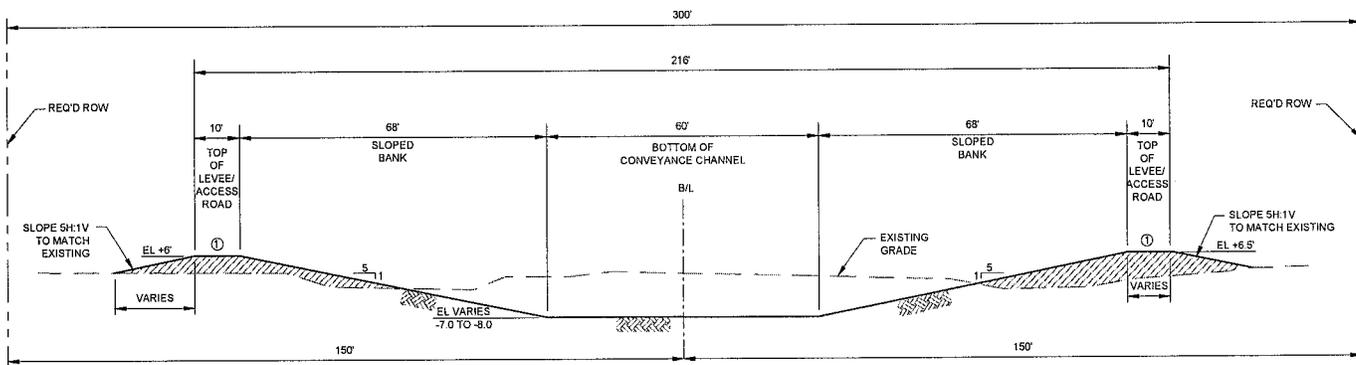
PROJECT NUMBER: 10001877

SEDIMENT BASIN TO KCS RR
 TYPICAL SECTIONS

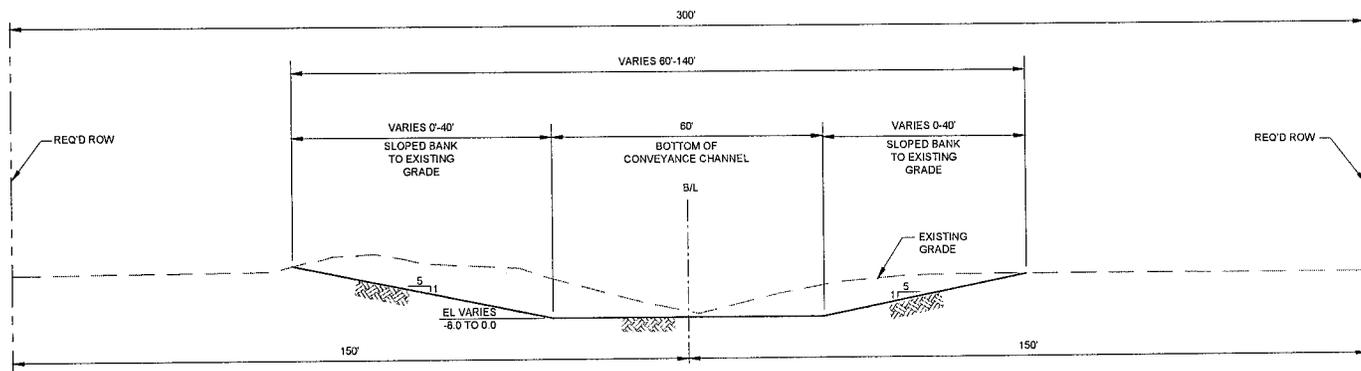
SHEET NO. CC-3.2



CONVEYANCE CHANNEL
KCS RAILROAD TO AIRLINE HWY
TYPICAL SECTION
 NTS



CONVEYANCE CHANNEL
AIRLINE HWY TO INTERSTATE 10
TYPICAL SECTION
 NTS



NORTH OF INTERSTATE 10
TYPICAL SECTION
 NTS

GENERAL NOTES:

1. TOP OF LEVEE WILL BE UTILIZED FOR LIGHT TRUCK ACCESS, IN ORDER TO MONITOR LENGTH OF CONVEYANCE CHANNEL. THIS 10' WIDE LEVEE AREA SHALL HAVE A 6" SECTION OF CRUSHED GRAVEL, WITH THE EXCEPTION OF THE AREA NORTH OF INTERSTATE 10.



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COASTAL PROTECTION AND
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**RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP**
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

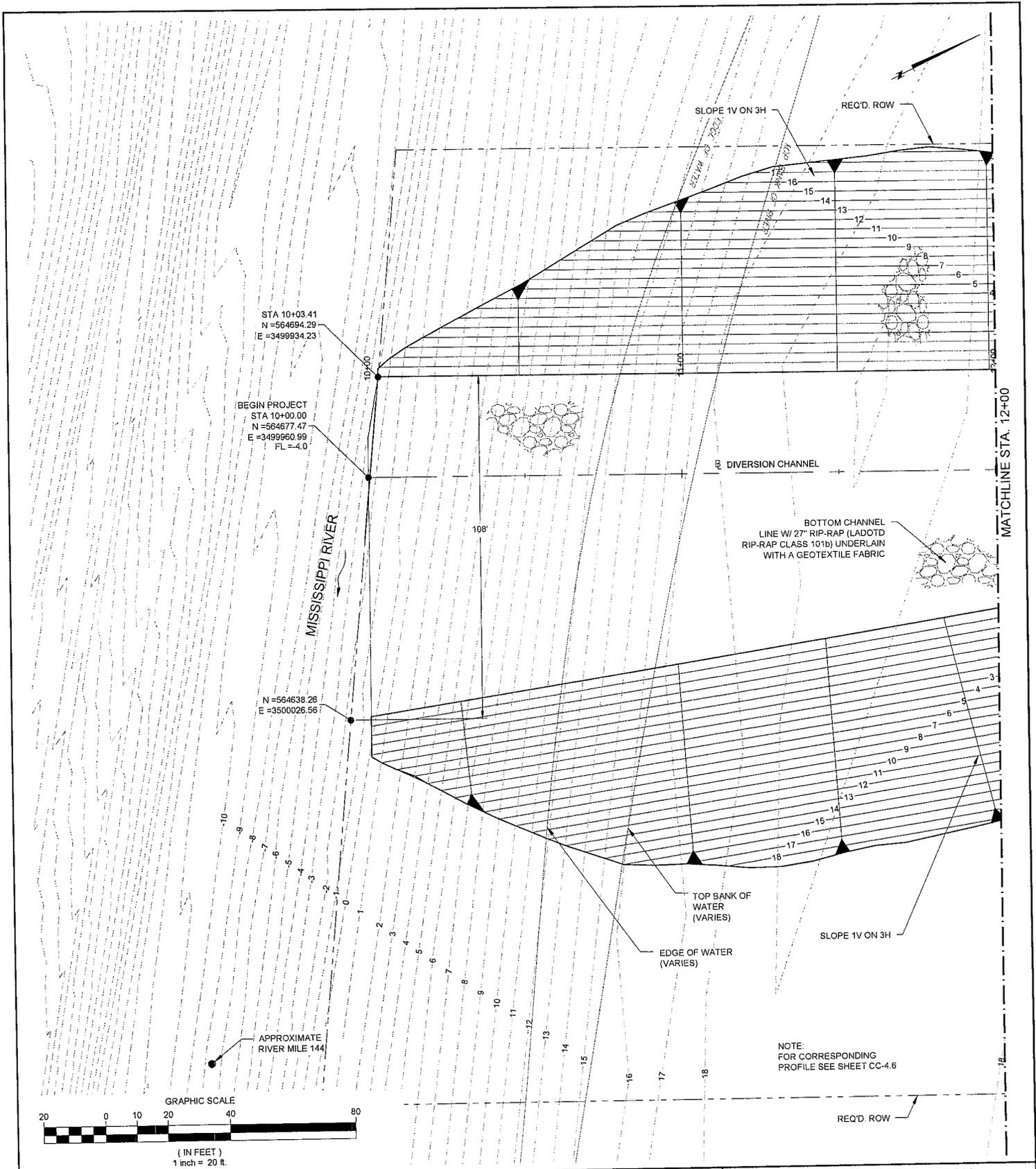
PROJECT NUMBER: 10001877

KCS RR TO N OF I-10
 TYPICAL SECTIONS

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO. CC-3.3



STA 10+03.41
N = 564694.29
E = 3499934.23

BEGIN PROJECT
STA 10+00.00
N = 564677.47
E = 3499960.99
FL = 4.0

N = 564638.26
E = 3500026.56

APPROXIMATE
RIVER MILE 144

SLOPE 1V ON 3H

REQ'D. ROW

DIVERSION CHANNEL

BOTTOM CHANNEL
LINE W/ 27" RIP-RAP (LADOTD
RIP-RAP CLASS 101b) UNDERLAIN
WITH A GEOTEXTILE FABRIC

TOP BANK OF
WATER
(VARIES)

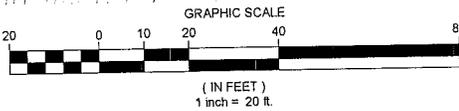
EDGE OF WATER
(VARIES)

SLOPE 1V ON 3H

NOTE:
FOR CORRESPONDING
PROFILE SEE SHEET CC-4.6

REQ'D. ROW

MATCHLINE STA. 12+00



COASTAL PROTECTION AND
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450 LAUREL STREET
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RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

INTAKE PLAN
STA. 10+00 TO STA. 12+00

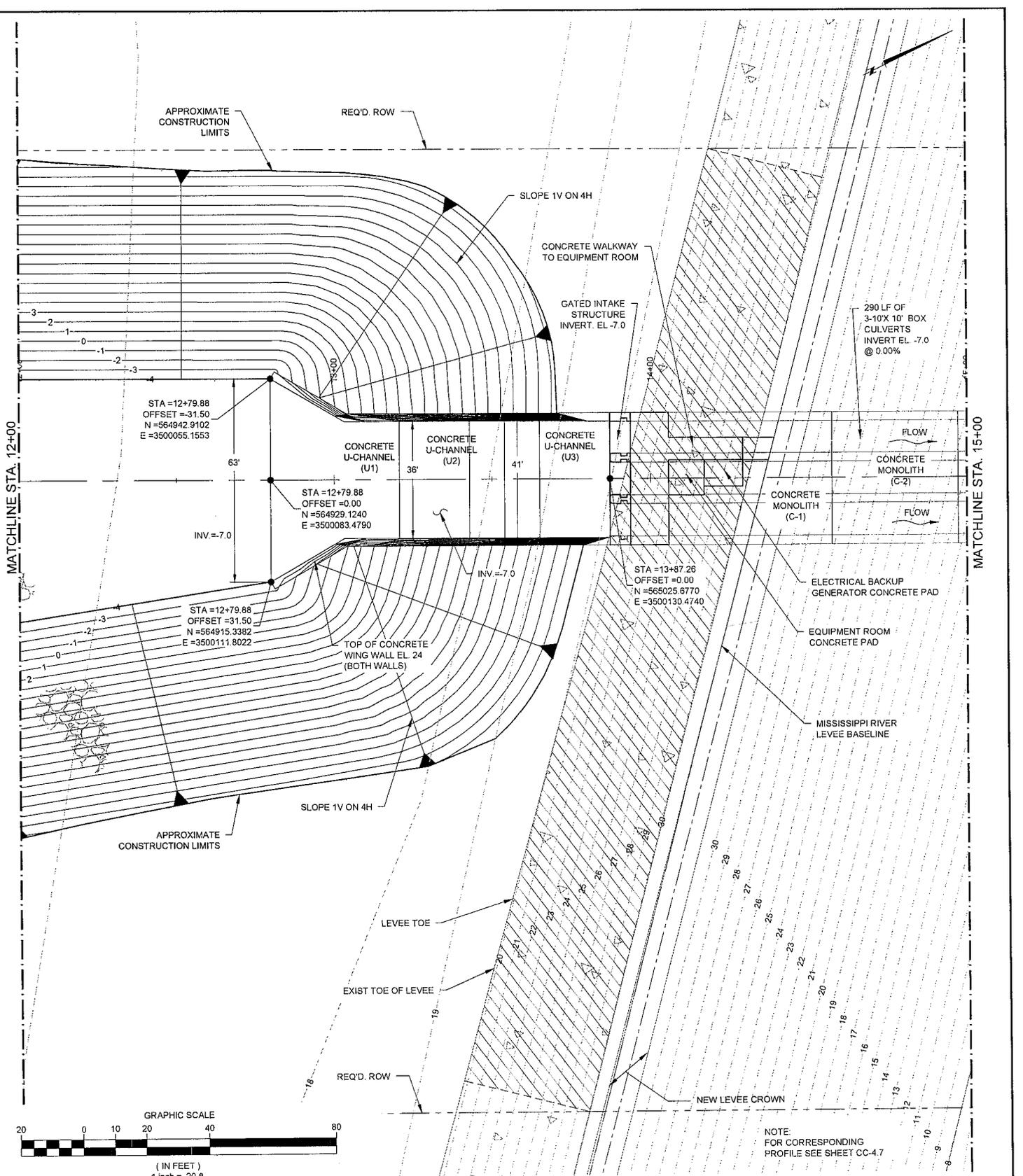
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SHEET NO. CC-4.0



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

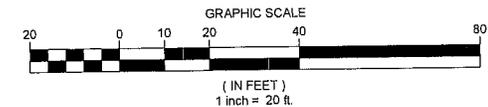
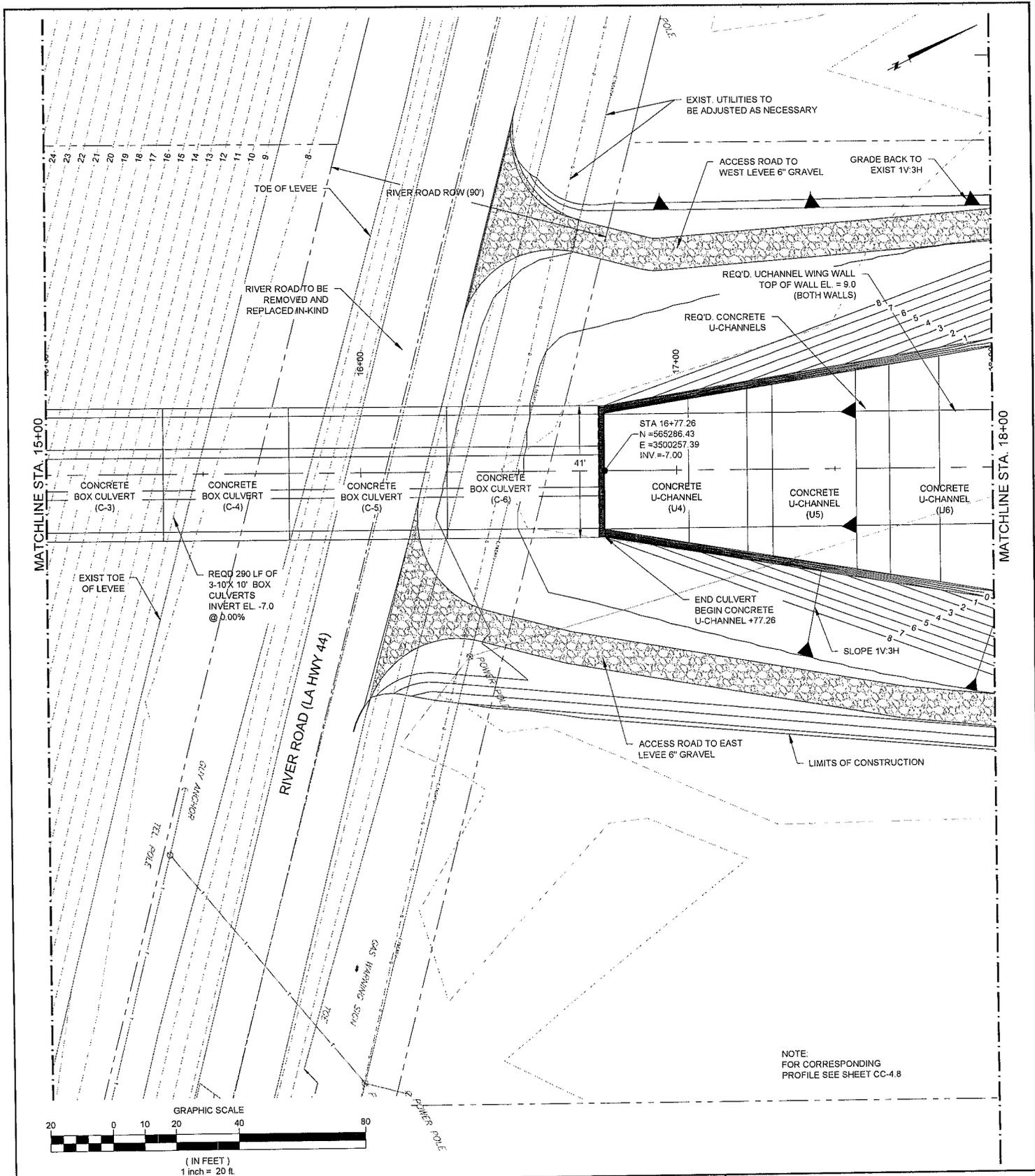
PROJECT NUMBER: 10001877

INTAKE PLAN
STA. 12+00 TO STA. 15+00

DRAWN BY: APO

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SHEET NO. CC-4.1



NOTE:
FOR CORRESPONDING
PROFILE SEE SHEET CC-4.8



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

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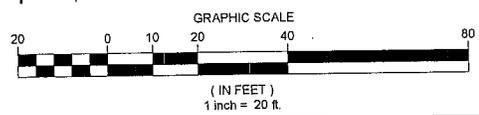
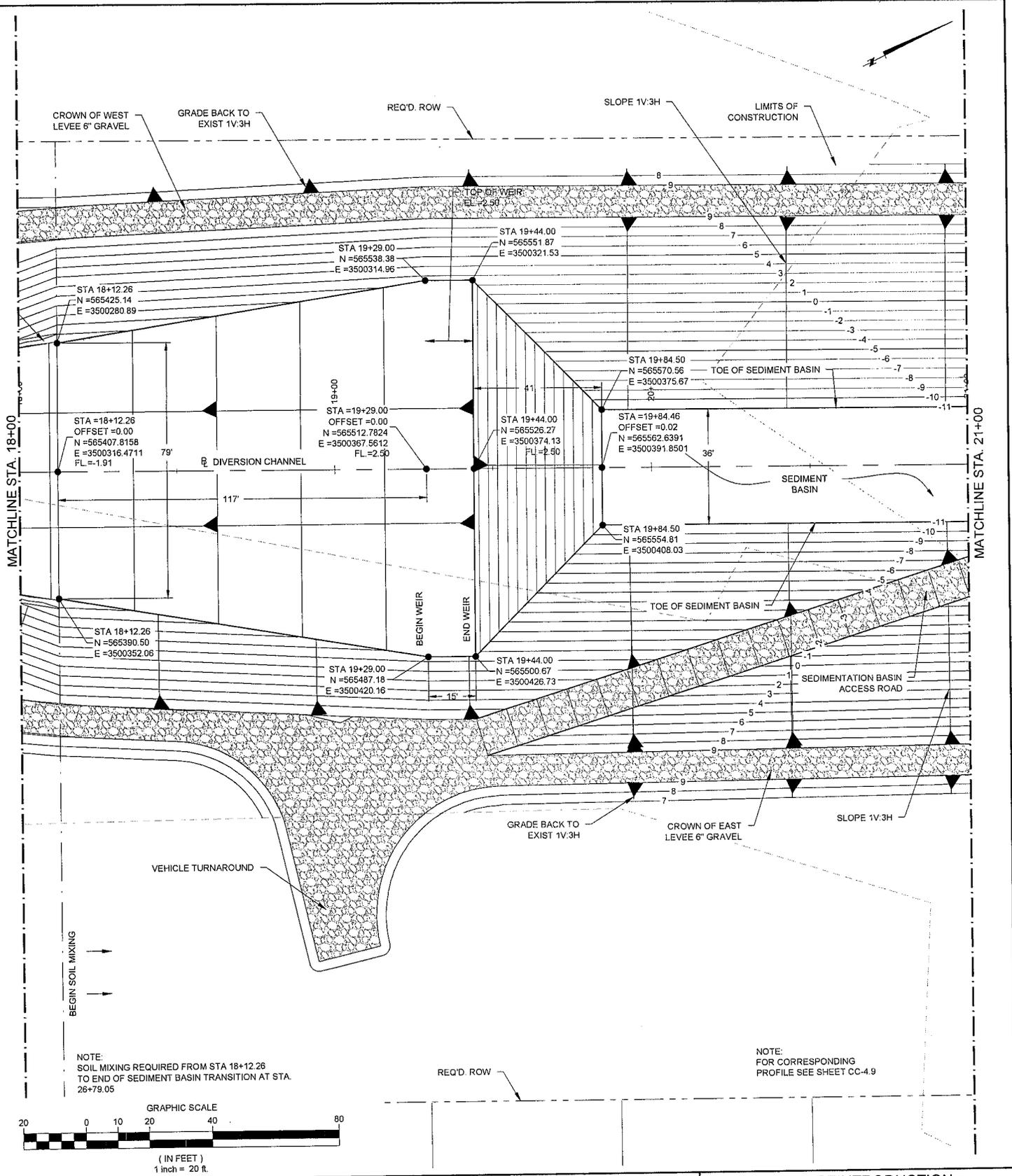
DESIGNED BY: CL

RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

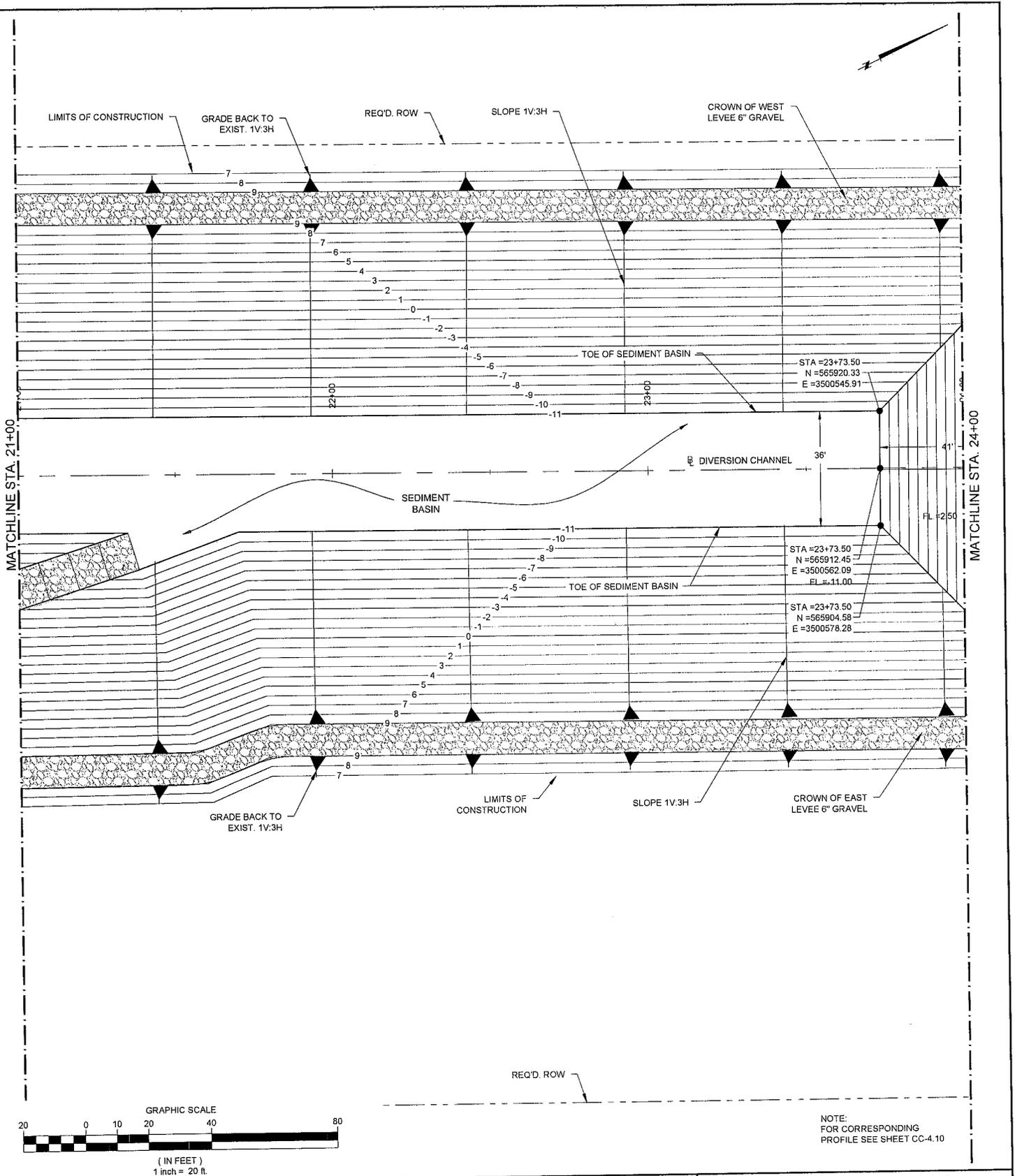
PROJECT NUMBER: 10001877

INTAKE & SEDIMENT BASIN PLAN
STA. 15+00 TO STA. 18+00

SHEET NO. CC-4.2



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	DRAWN BY: APO		DESIGNED BY: CL	
	PROJECT NUMBER: 10001877		SHEET NO. CC-4.3	



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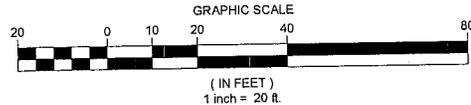
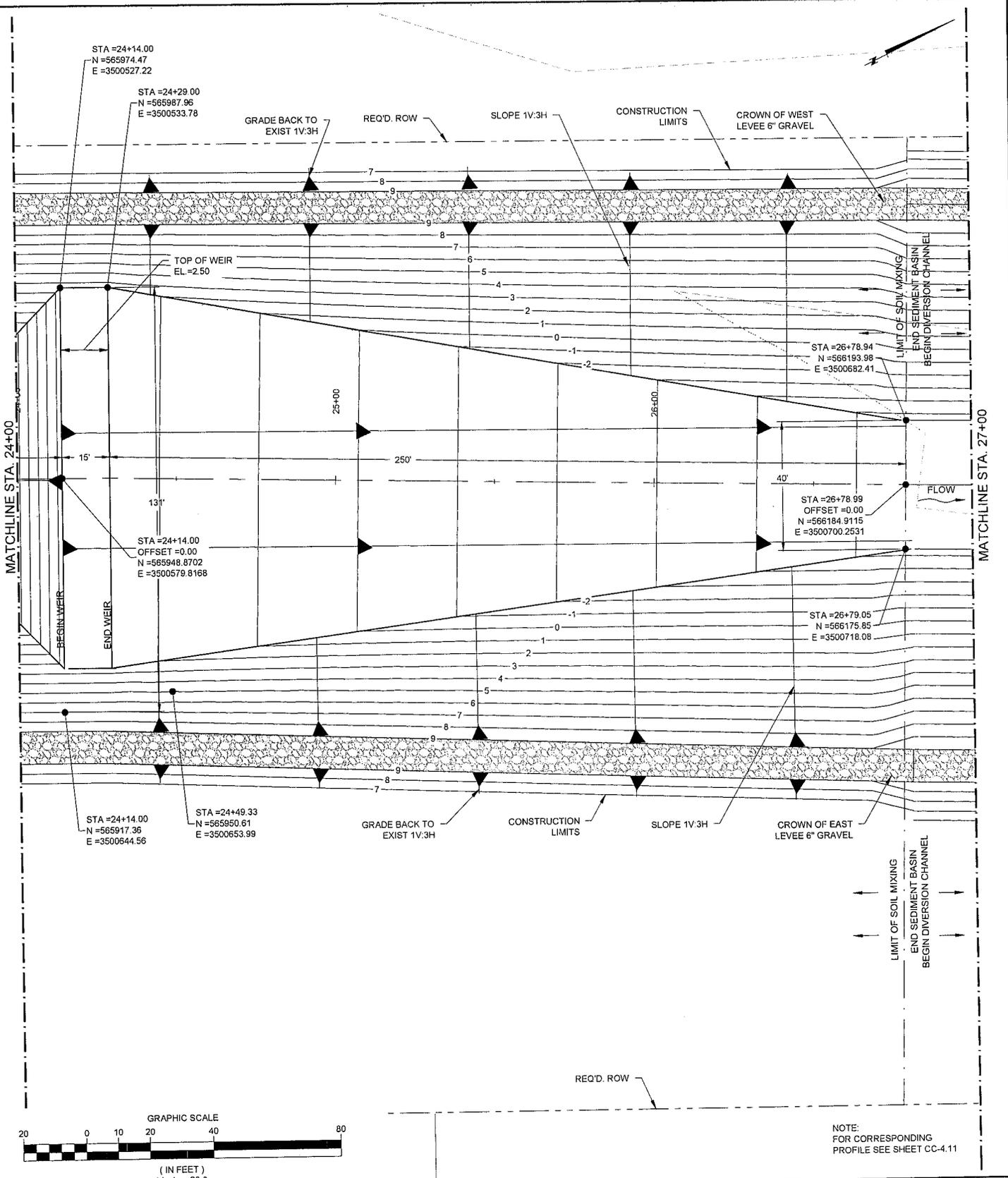
RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

SEDIMENT BASIN PLAN
 STA. 21+00 TO STA. 24+00

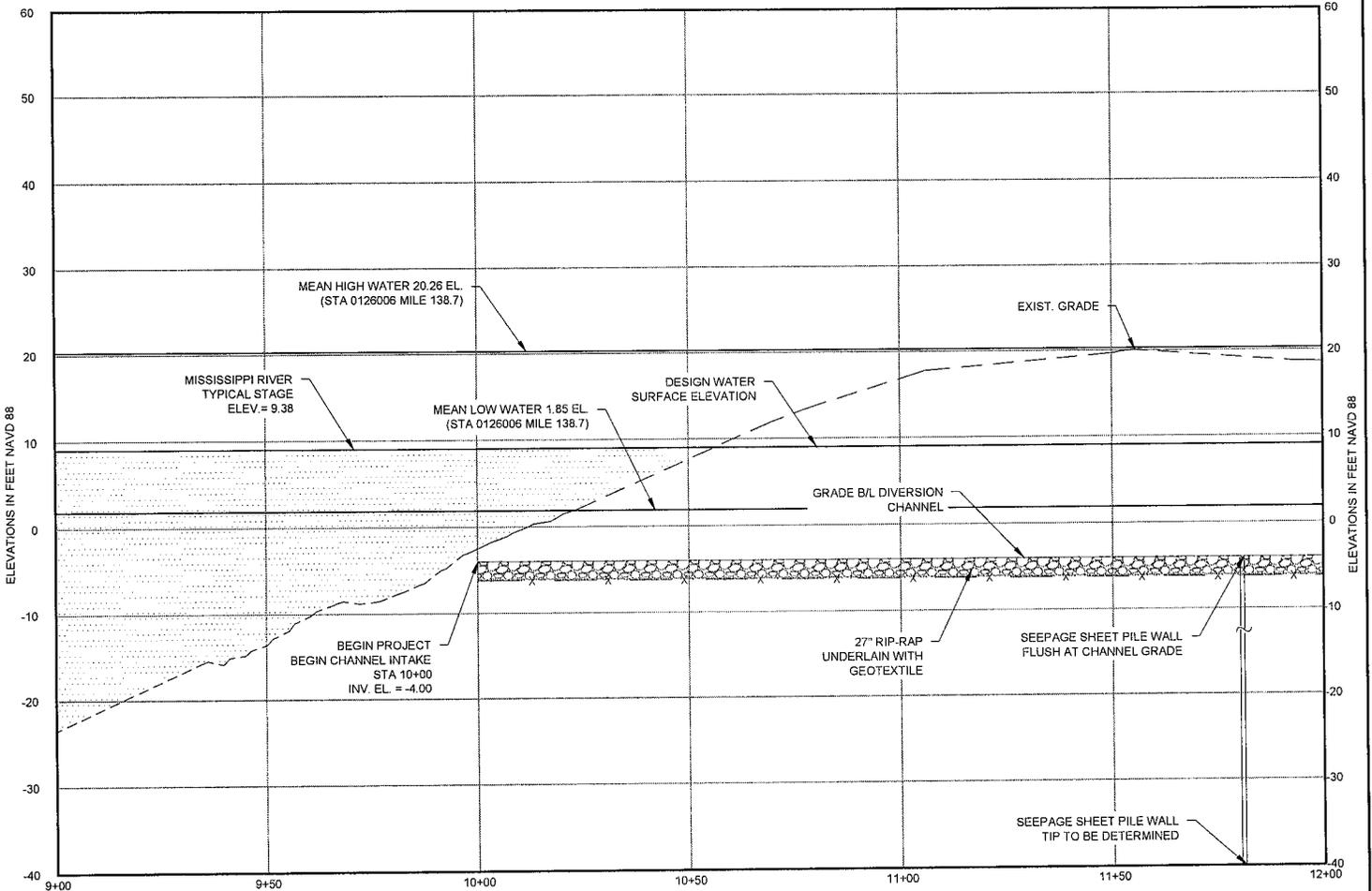
SHEET NO.

CC-4.4



NOTE:
FOR CORRESPONDING
PROFILE SEE SHEET CC-4.11

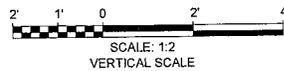
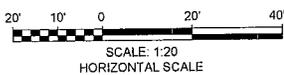
 <p>3500 N. Causeway Blvd., Suite 900 Metairie, Louisiana 70002 (504) 837-6326</p>	<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</p>		<p>RIVER REINTRODUCTION INTO MAUREPAS SWAMP ST. JOHN THE BAPTIST PARISH, LOUISIANA</p>	
	DRAWN BY: APO		PROJECT NUMBER: 10001877	
	DESIGNED BY: CL		SEDIMENT BASIN PLAN STA. 24+00 TO STA. 27+00	
		SHEET NO. CC-4.5		



①	-2.57	7.66	16.80	19.67	18.62
②	-4.00	-4.00	-4.00	-4.00	-4.00
③	NA	NA	NA	NA	NA
④	NA	NA	NA	NA	NA
⑤	9.00	9.00	9.00	9.00	9.00

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 2'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: APO

DESIGNED BY: CL

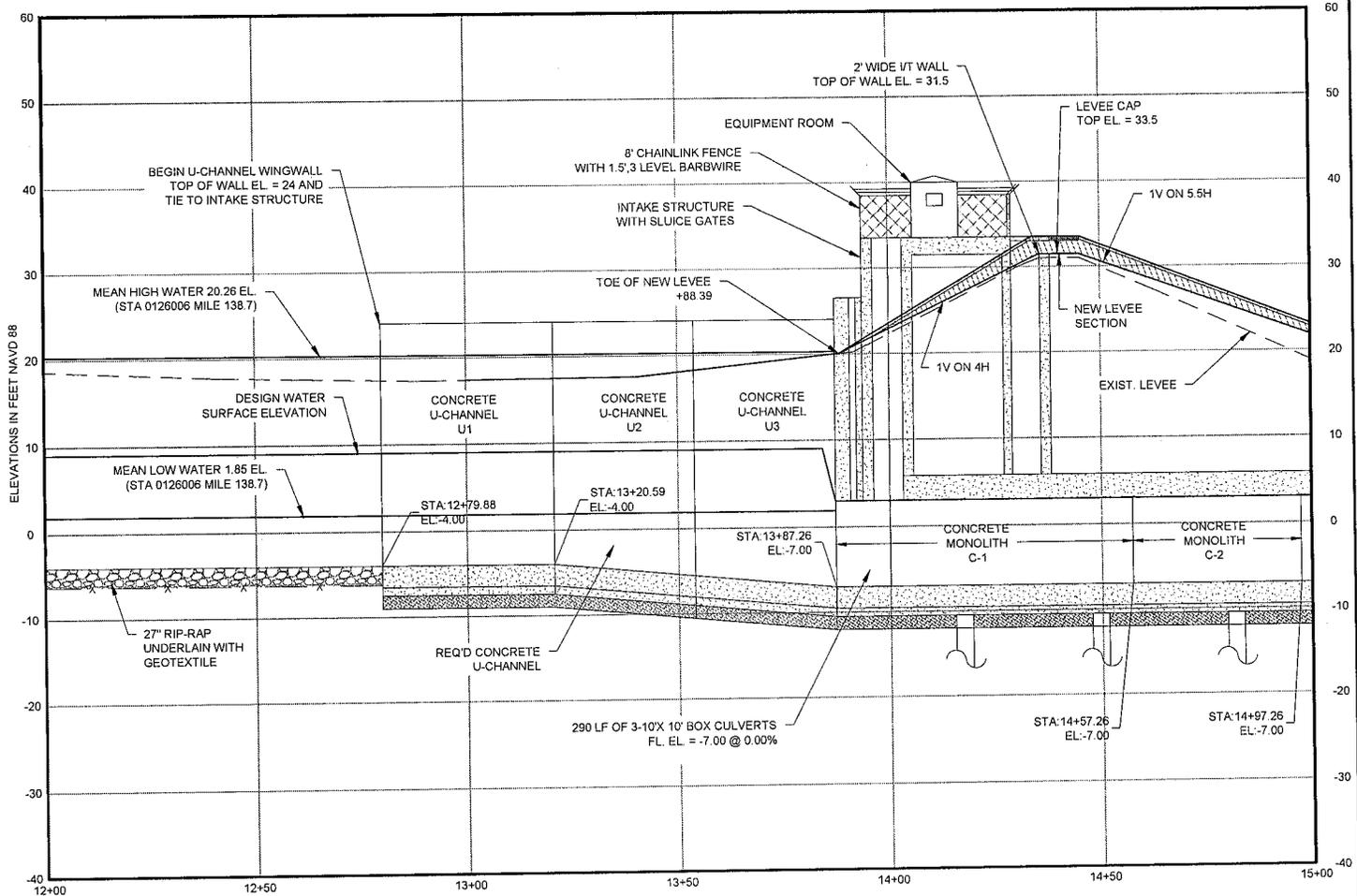
RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

INTAKE PROFILE
STA. 10+00 TO STA. 12+00

SHEET NO.

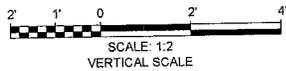
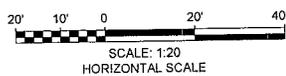
CC-4.6



①	18.82	17.71	17.37	18.05	22.25	29.94	18.83
②	-4.00	-4.00	-4.00	-5.32	-7.00	-7.00	-7.00
③	NA	NA	17.37	18.04	23.47	32.58	23.05
④	NA	NA	17.37	18.04	23.47	32.58	23.05
⑤	9.00	9.00	9.00	9.00	3.00	3.00	3.00

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 2'



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

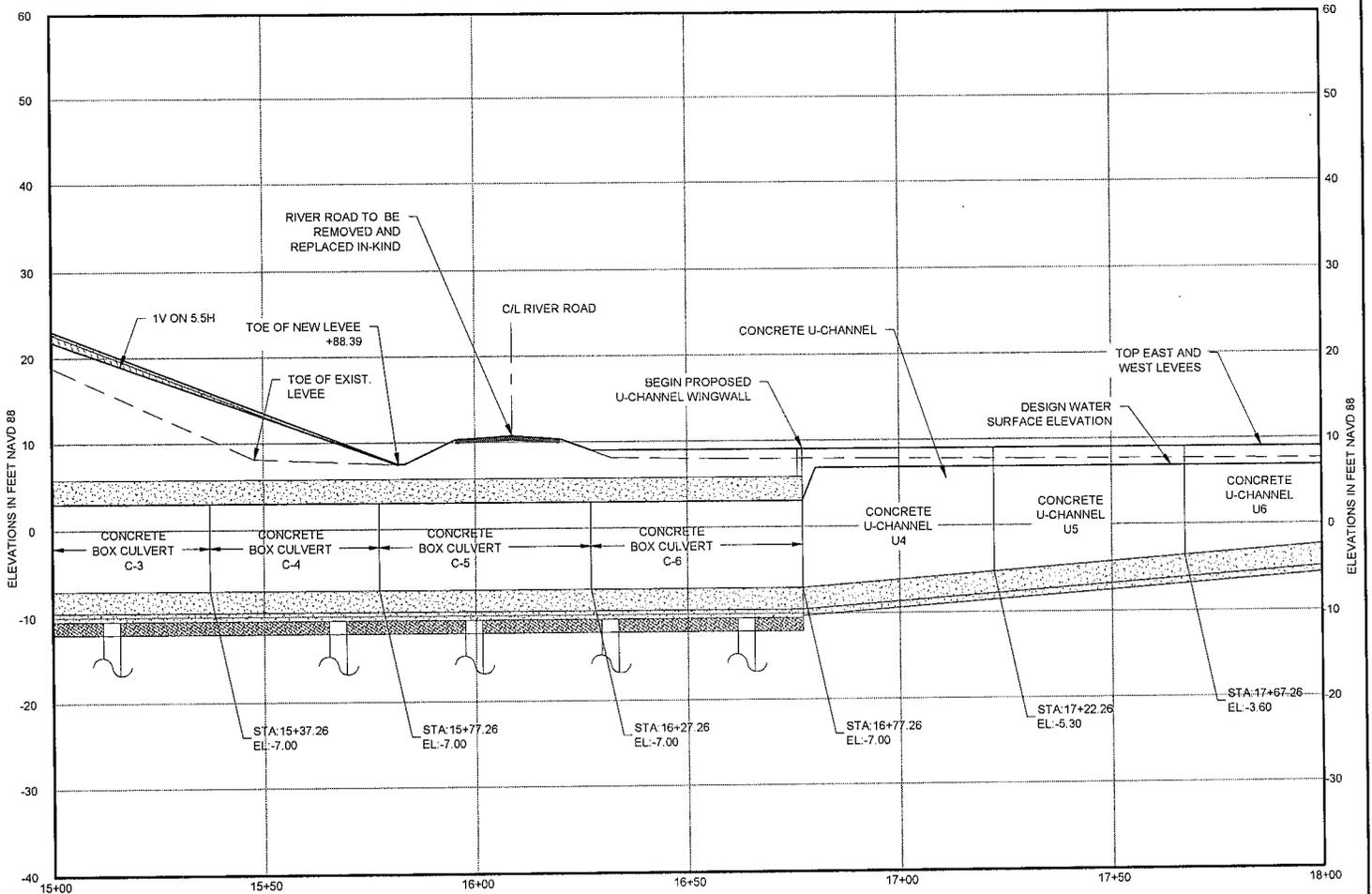
INTAKE PROFILE
STA. 12+00 TO STA. 15+00

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

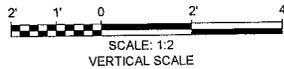
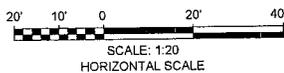
CC-4.7



①	18.83	8.07	10.45	7.97	7.85	7.69	7.61
②	-7.00	-7.00	-7.00	-7.00	-6.14	-4.25	-2.37
③	23.05	13.52	10.45	9.00	9.00	9.00	9.00
④	23.05	13.52	10.45	9.00	9.00	9.00	9.00
⑤	3.00	3.00	3.00	3.00	6.82	6.81	6.80

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 2'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

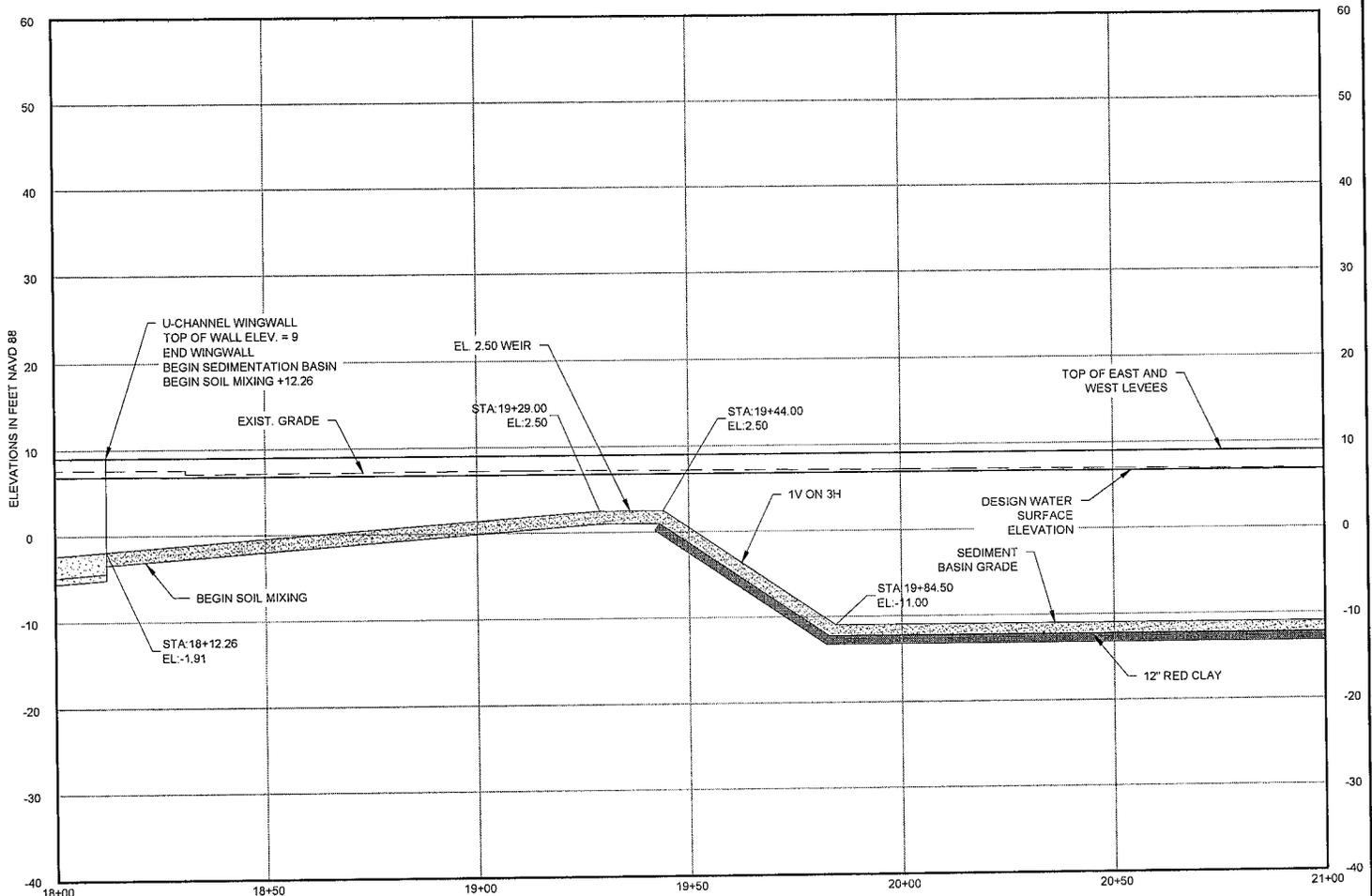
DRAWN BY: APO DESIGNED BY: CL

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

INTAKE PROFILE
STA. 15+00 TO STA. 18+00

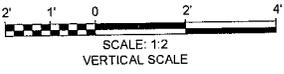
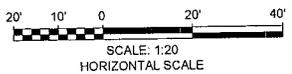
SHEET NO. CC-4.8



①	7.61	7.17	7.26	7.20	7.09	7.01	6.86
②	-2.37	-0.48	1.41	0.50	-11.00	-11.00	-11.00
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	6.80	6.79	6.78	6.78	6.77	6.76	6.75

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEEVE EL
- ④ TOP OF EAST LEEVE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 2'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

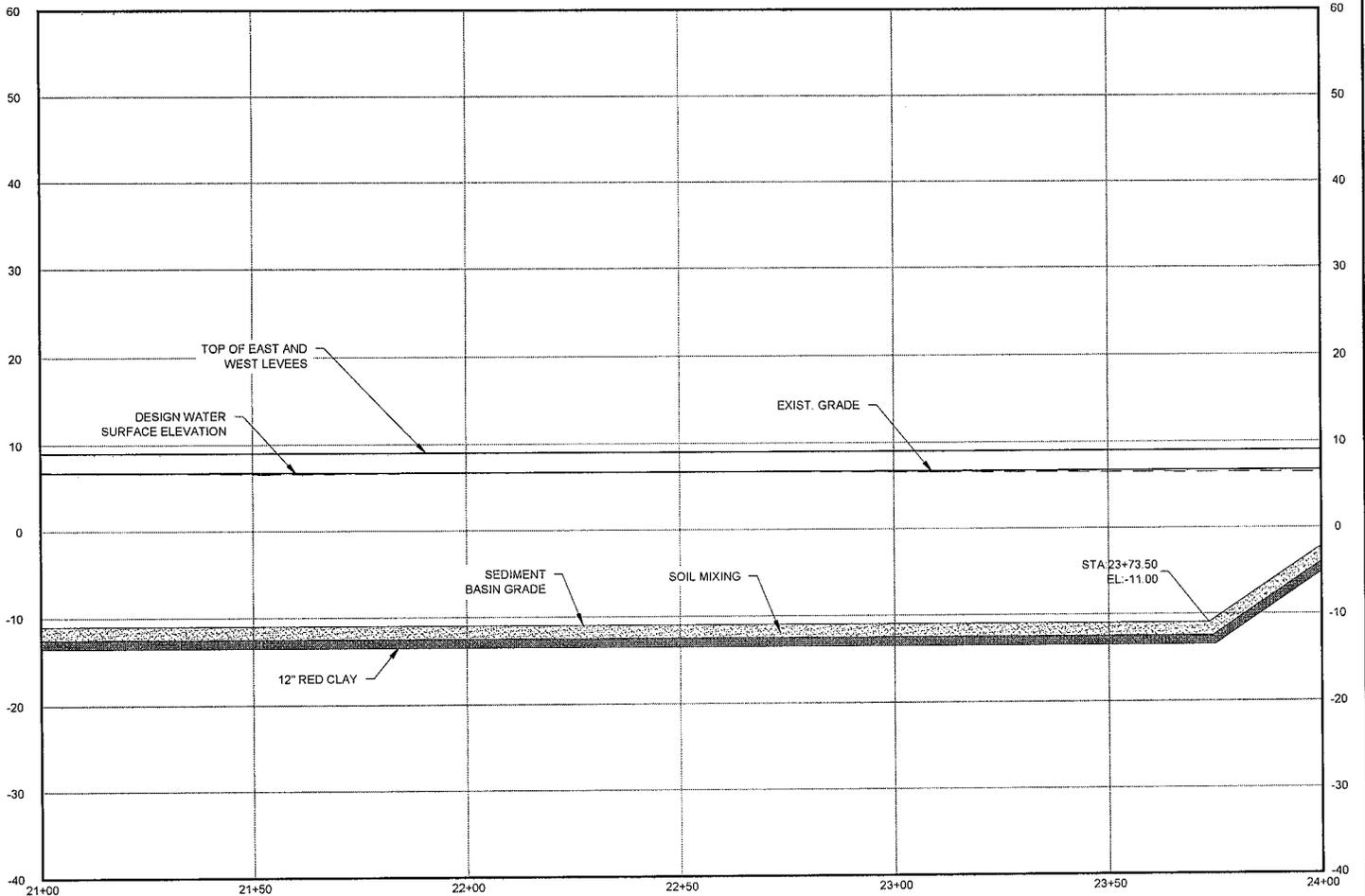
PROJECT NUMBER: 10001877

SEDIMENT BASIN PROFILE
STA. 18+00 TO STA. 21+00

DRAWN BY: APO

DESIGNED BY: CL

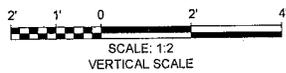
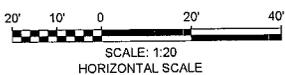
SHEET NO. CC-4.9



①	6.86	6.59	6.69	6.71	6.59	6.51	6.43
②	-11.00	-11.00	-11.00	-11.00	-11.00	-11.00	-2.17
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	6.75	6.74	6.74	6.73	6.72	6.71	6.70

- ① EXISTING GRADE EL.
- ② BOTTOM OF CHANNEL EL.
- ③ TOP OF WEST LEVEE EL.
- ④ TOP OF EAST LEVEE EL.
- ⑤ DESIGN WATER SURFACE EL.

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 2'



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: APO

DESIGNED BY: CL

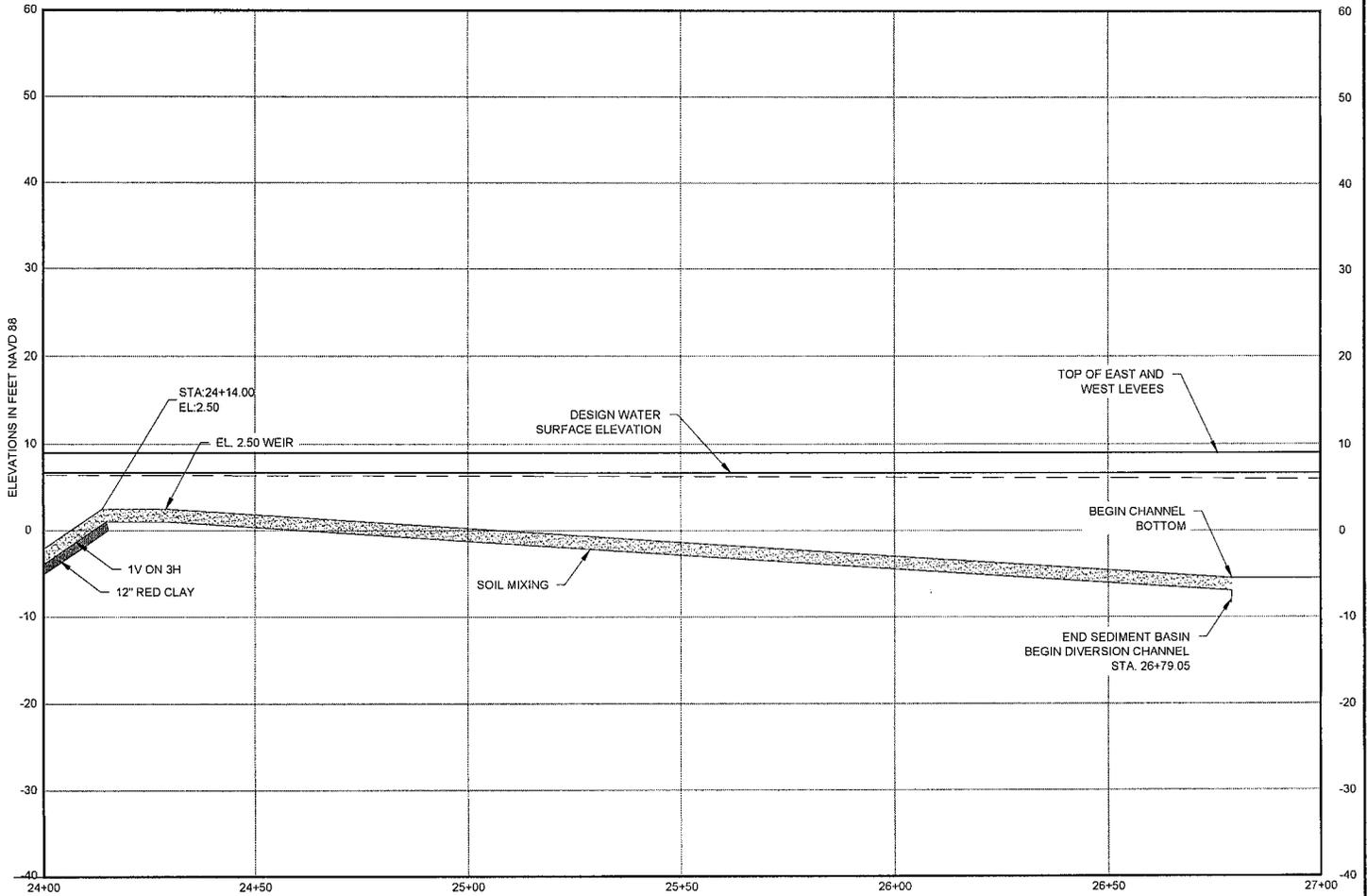
RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

SEDIMENT BASIN PROFILE
STA. 21+00 TO STA. 24+00

SHEET NO.

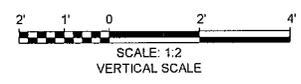
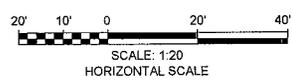
CC-4.10



①	6.43	6.36	6.31	6.25	6.17	6.09	5.95
②	-2.17	1.83	0.23	-1.37	-2.97	-4.57	-5.50
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	6.70	6.70	6.69	6.68	6.67	6.66	6.66

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
 (SHOWN ALONG BASELINE)
 SCALE: 1" = 2'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: APO

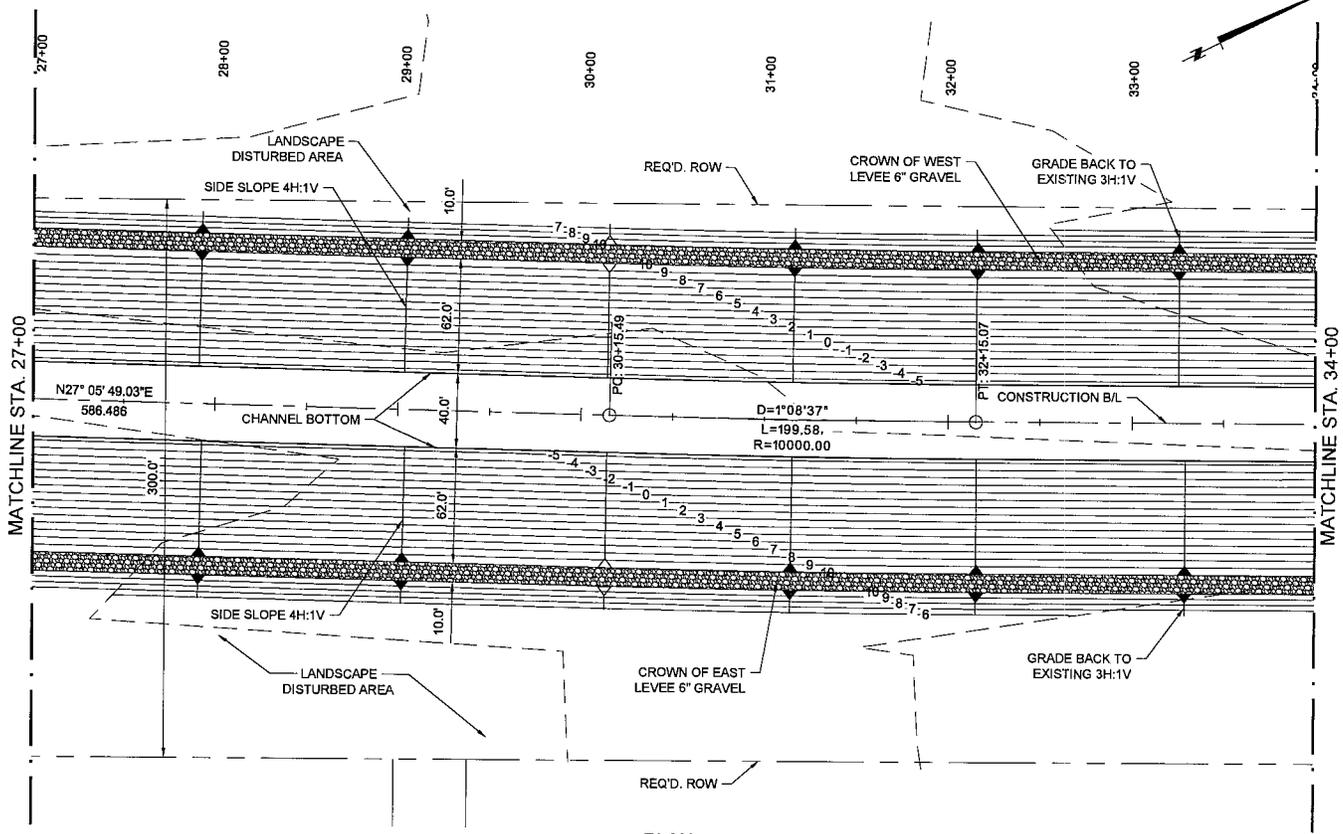
DESIGNED BY: CL

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

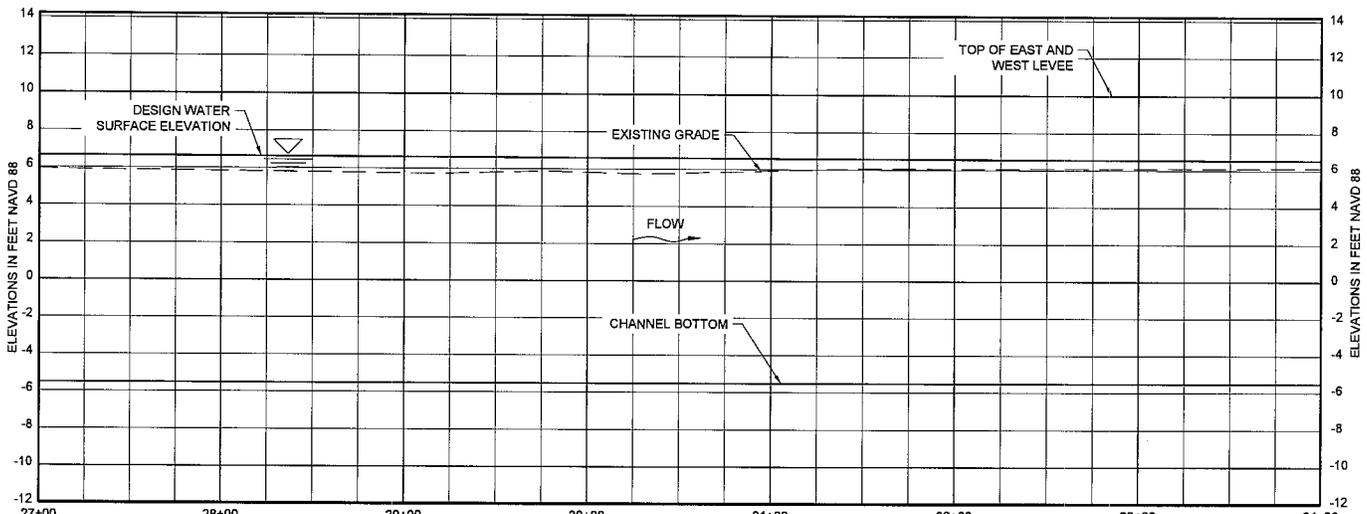
PROJECT NUMBER: 10001877

SEDIMENT BASIN PROFILE
 STA. 24+00 TO STA. 27+00

SHEET NO. CC-4.11



PLAN
SCALE: 1" = 50'



	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00
①	5.95	5.84	5.75	5.82	5.93	6.06	6.09	6.12
②	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50	-5.50
③	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
④	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
⑤	6.66	6.64	6.62	6.61	6.59	6.58	6.56	6.54

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

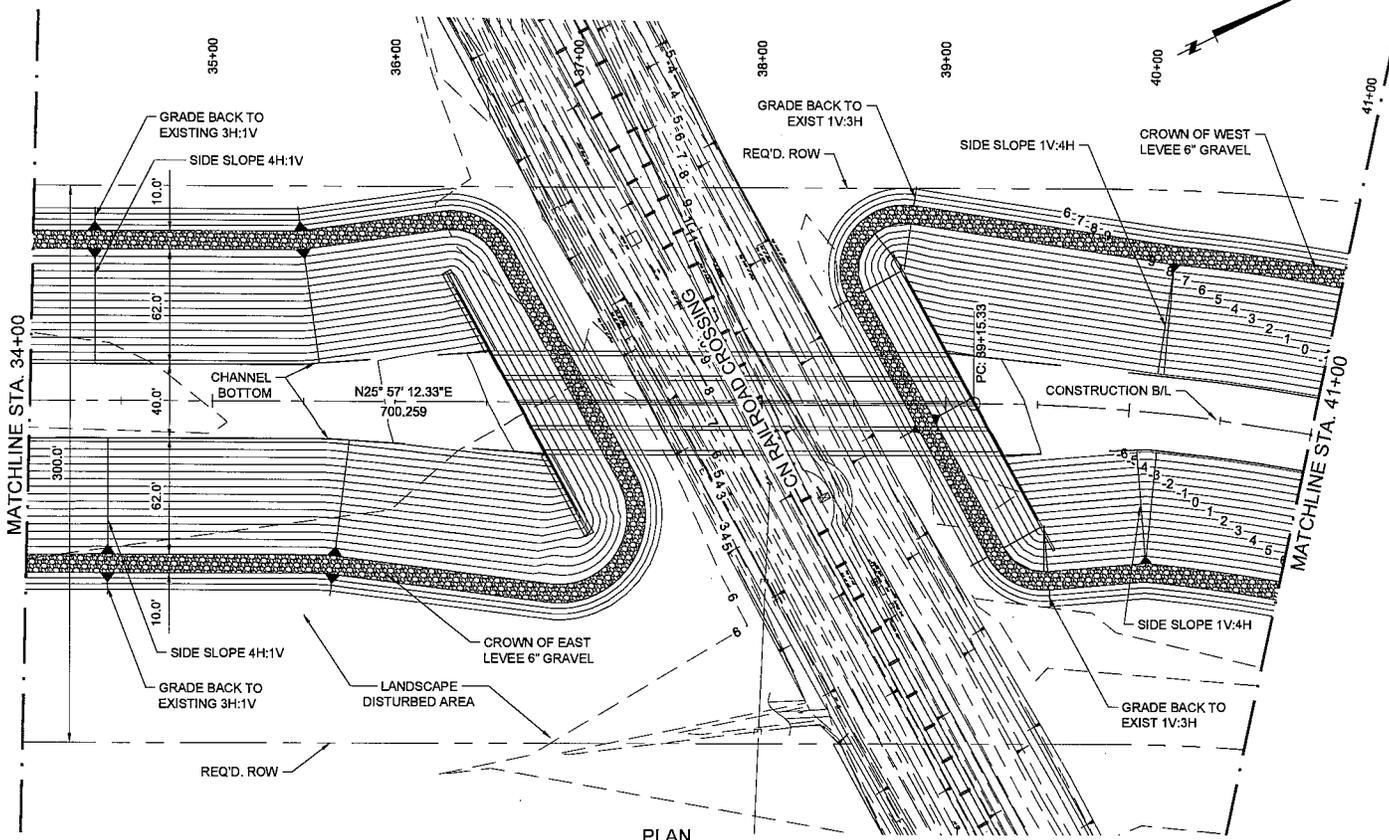
PLAN AND PROFILE

DRAWN BY: APO

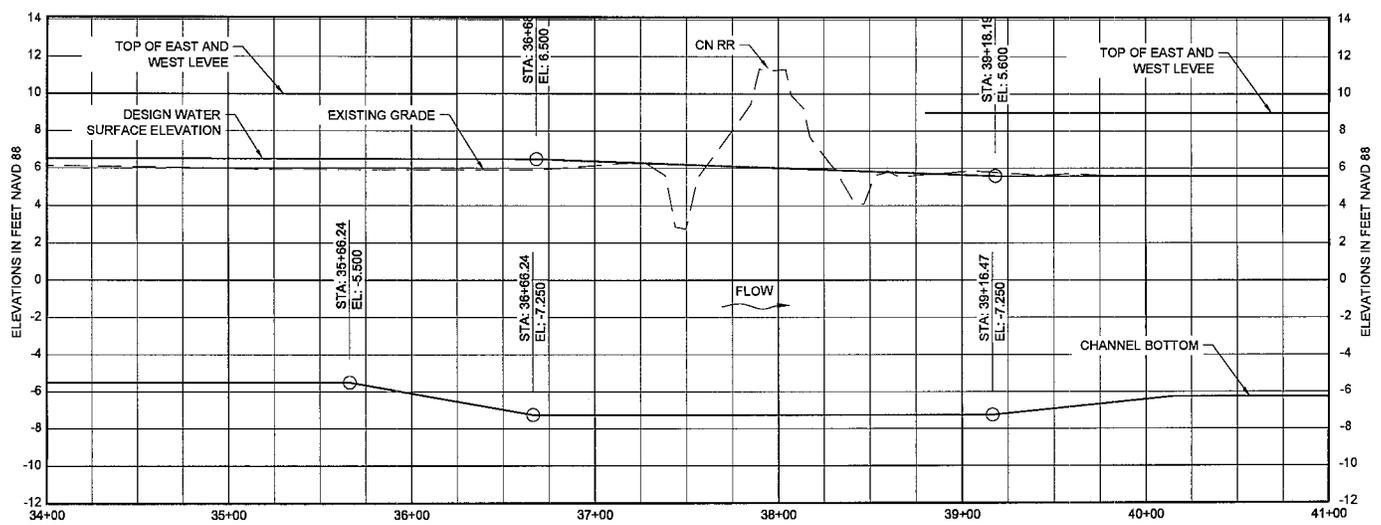
DESIGNED BY: CL

SHEET NO.

CC-5.0



PLAN
SCALE: 1" = 50'



①	6.12	5.99	5.92	6.14	11.28	5.82	5.60	5.57
②	-5.50	-5.50	-6.09	-7.25	-7.25	-6.41	-6.41	-6.26
③	10.00	10.00	10.00			9.00	9.00	9.00
④	10.00	10.00	10.00			9.00	9.00	9.00
⑤	6.54	6.53	6.51	6.39	6.03	5.67	5.59	5.59

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

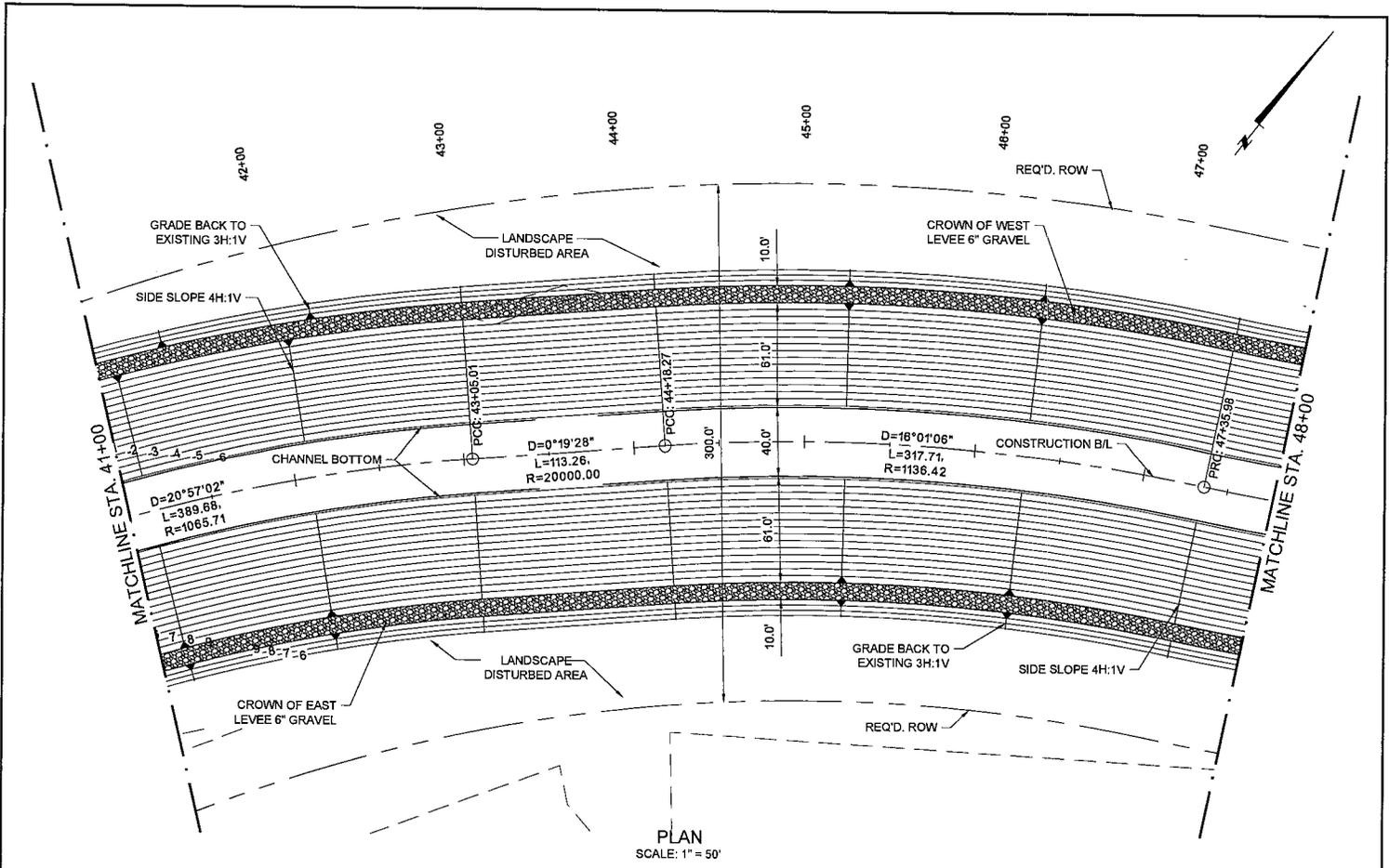
PLAN AND PROFILE

DRAWN BY: APO

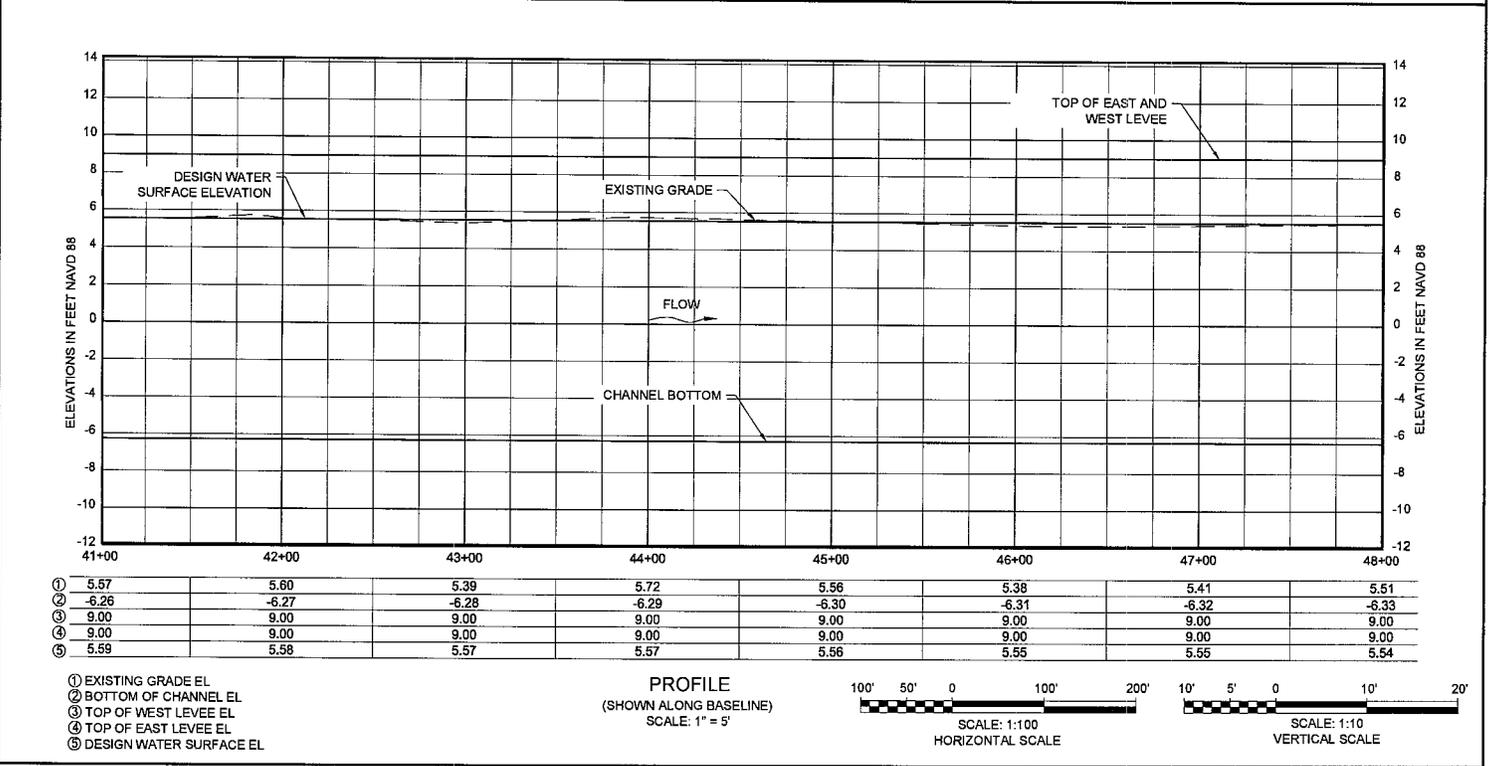
DESIGNED BY: CL

SHEET NO.

CC-5.1



PLAN
SCALE: 1" = 50'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

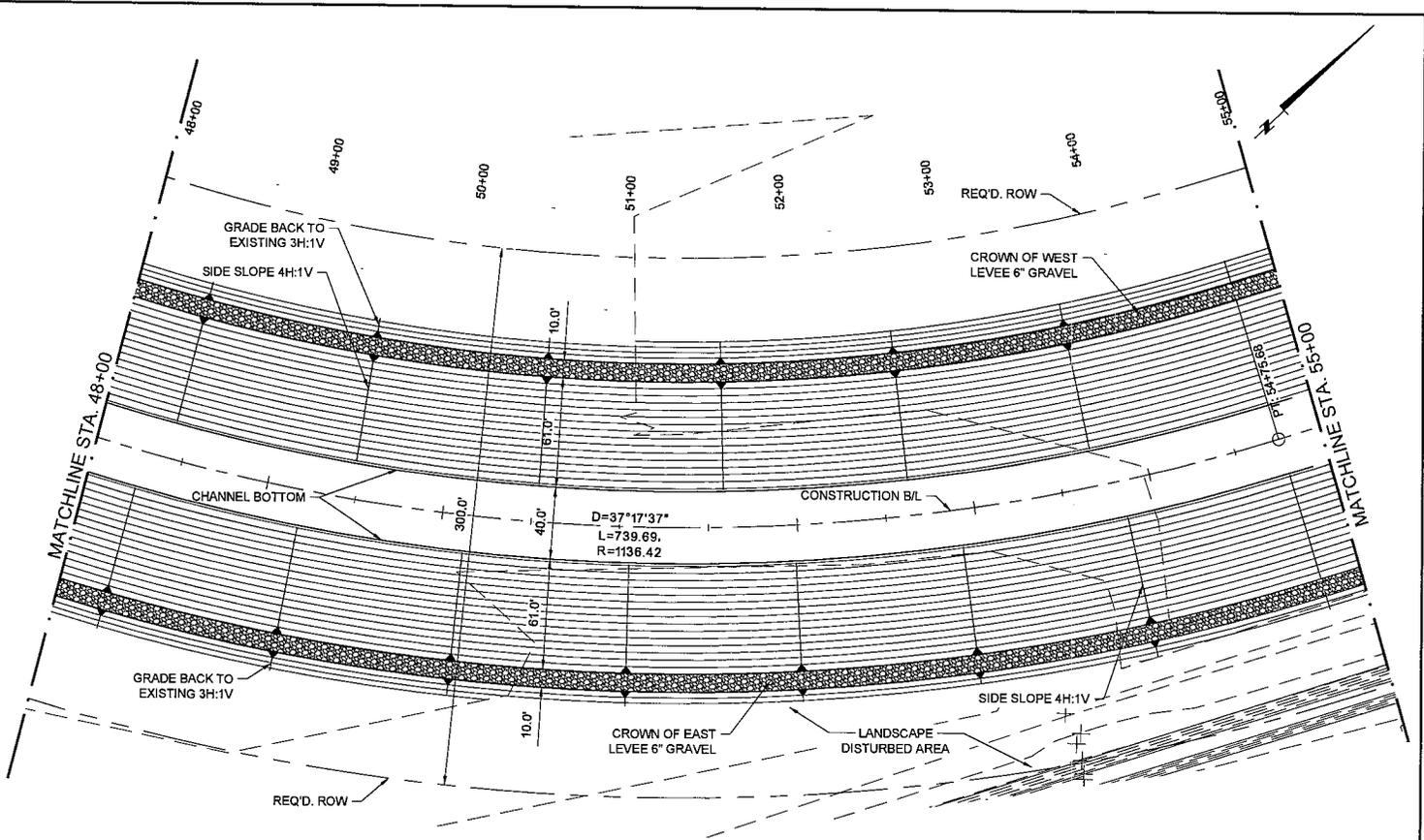
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

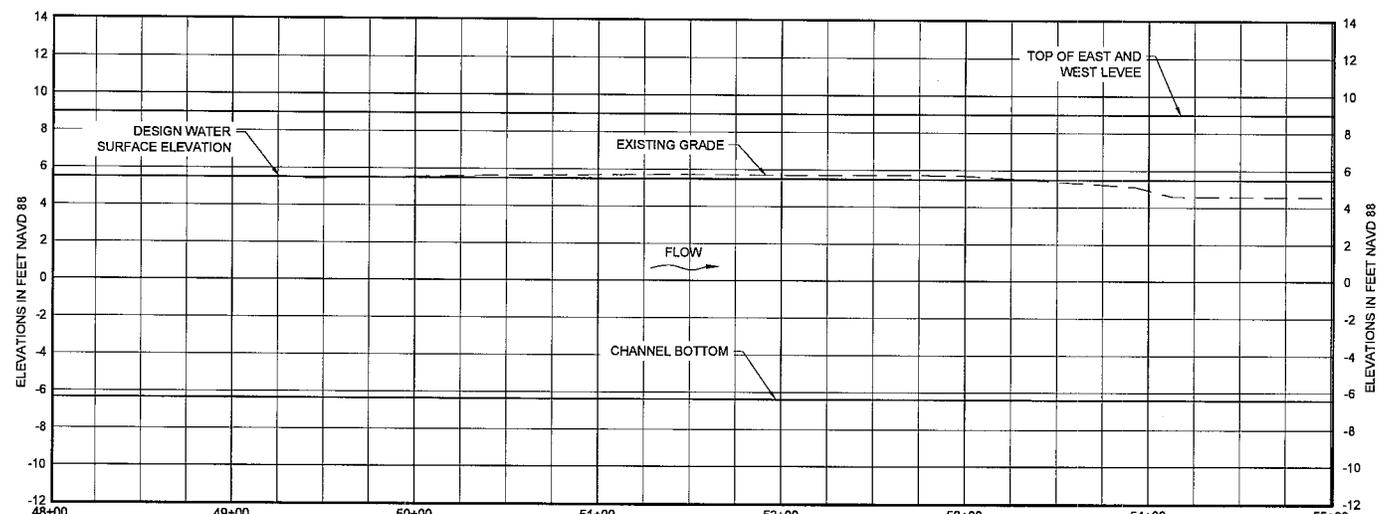
PROJECT NUMBER: 10001877

PLAN AND PROFILE

SHEET NO. CC-5.2



PLAN
SCALE: 1" = 50'



	48+00	49+00	50+00	51+00	52+00	53+00	54+00	55+00
①	5.51	5.53	5.55	5.68	5.69	5.68	4.92	4.56
②	-6.33	-6.35	-6.36	-6.37	-6.38	-6.39	-6.40	-6.41
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	5.54	5.53	5.52	5.52	5.51	5.50	5.50	5.49

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

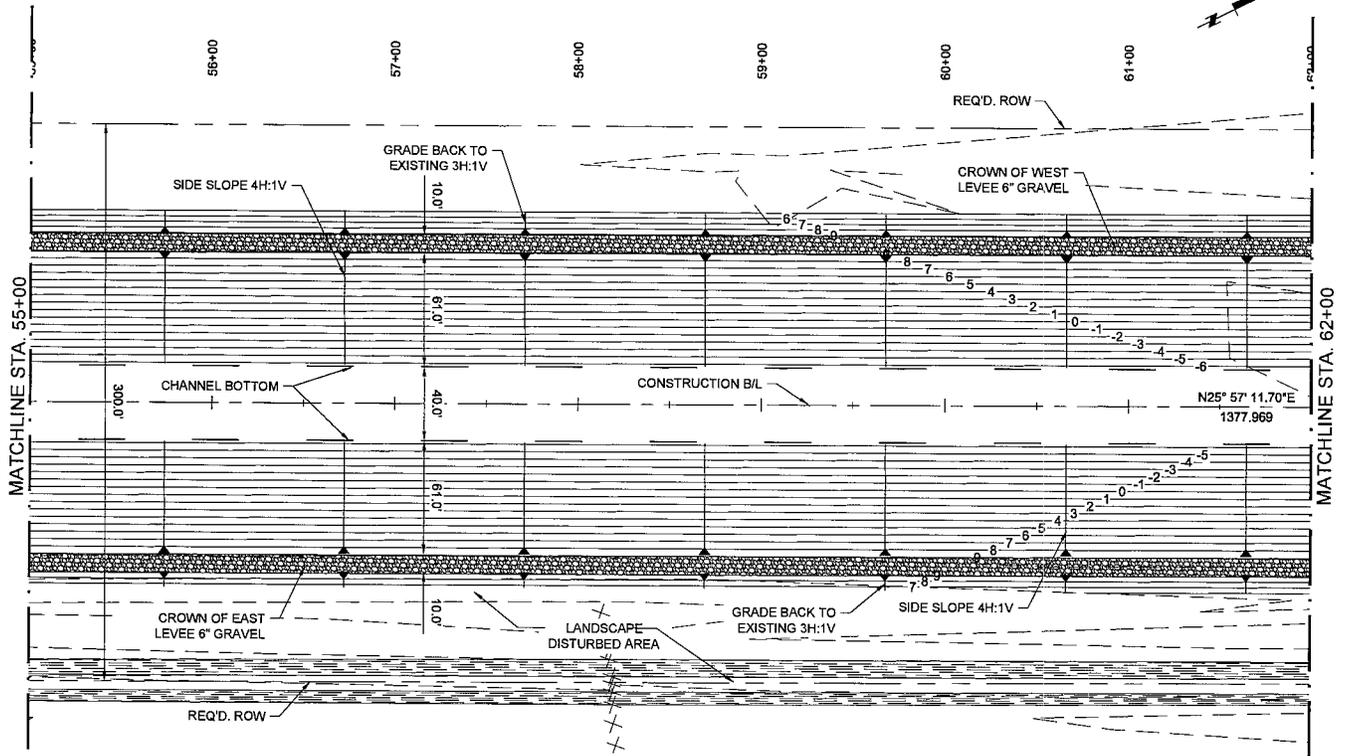
PLAN AND PROFILE

DRAWN BY: APO

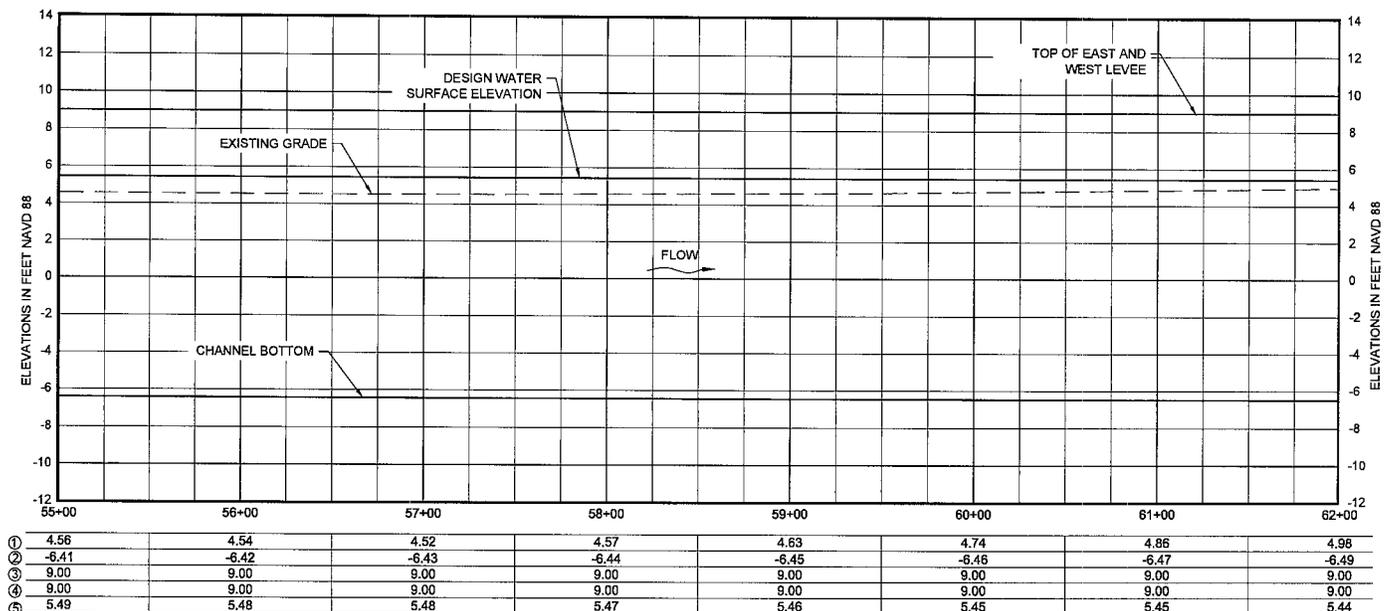
DESIGNED BY: CL

SHEET NO.

CC-5.3



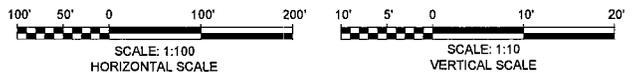
PLAN
SCALE: 1" = 50'



	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00
①	4.56	4.54	4.52	4.57	4.63	4.74	4.86	4.98
②	-6.41	-6.42	-6.43	-6.44	-6.45	-6.46	-6.47	-6.49
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	5.49	5.48	5.48	5.47	5.46	5.45	5.45	5.44

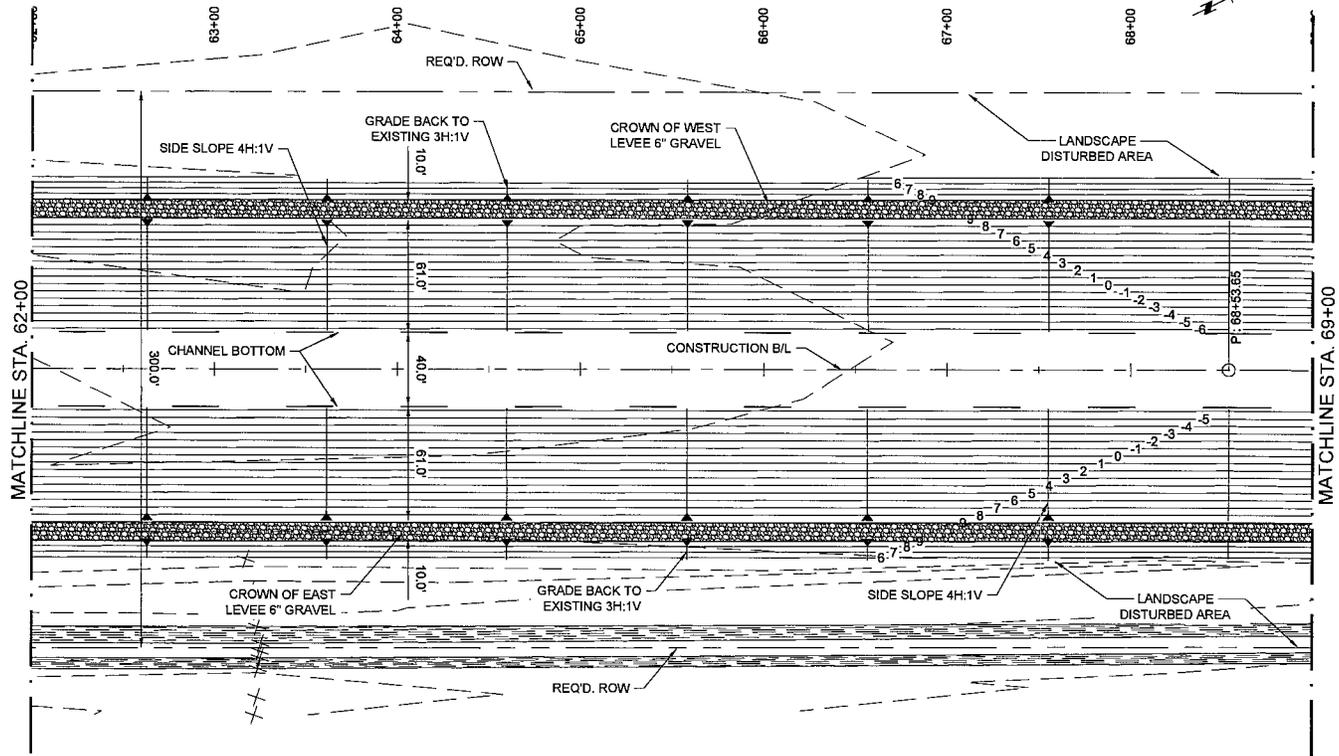
- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'

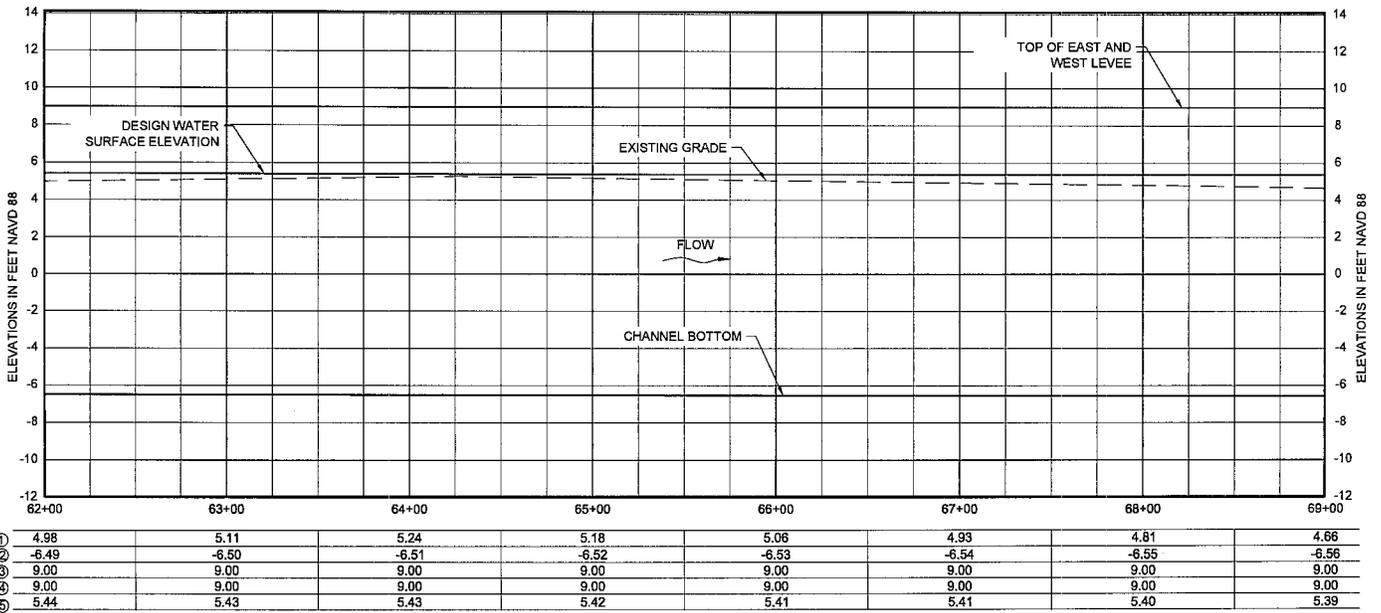


<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</p>		<p>RIVER REINTRODUCTION INTO MAUREPAS SWAMP ST. JOHN THE BAPTIST PARISH, LOUISIANA</p>
PROJECT NUMBER: 10001877		PLAN AND PROFILE
DRAWN BY: APO	DESIGNED BY: CL	SHEET NO. CC-5.4

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PLAN
SCALE: 1" = 50'



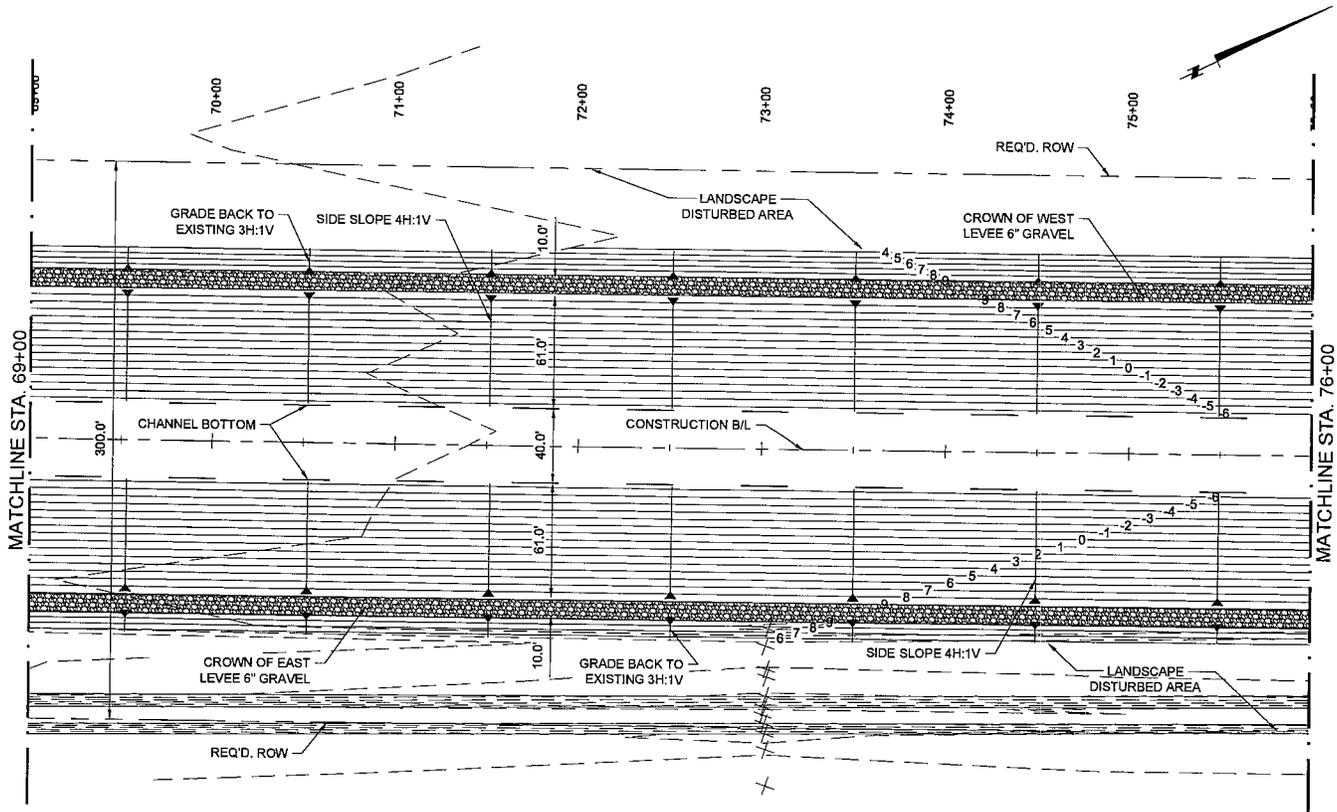
PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



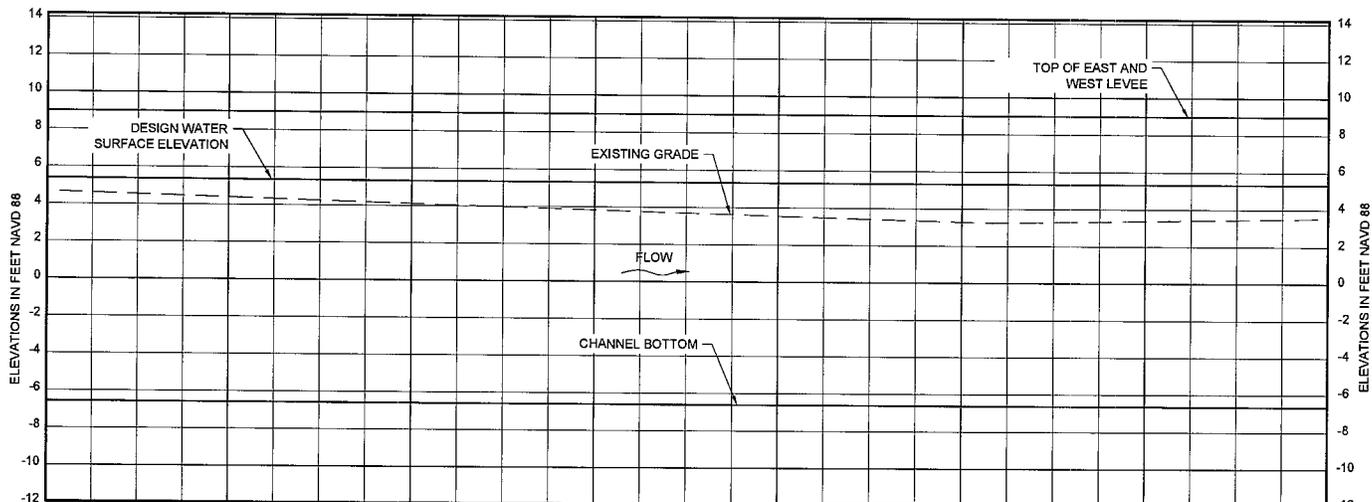
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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA
PROJECT NUMBER: 10001877
PLAN AND PROFILE
DRAWN BY: APO DESIGNED BY: CL
SHEET NO. CC-5.5



PLAN
SCALE: 1" = 50'



	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00
①	4.66	4.39	4.11	3.83	3.55	3.29	3.38	3.53
②	-6.56	-6.57	-6.58	-6.59	-6.60	-6.62	-6.63	-6.64
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	5.39	5.38	5.38	5.37	5.36	5.36	5.35	5.34

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
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RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

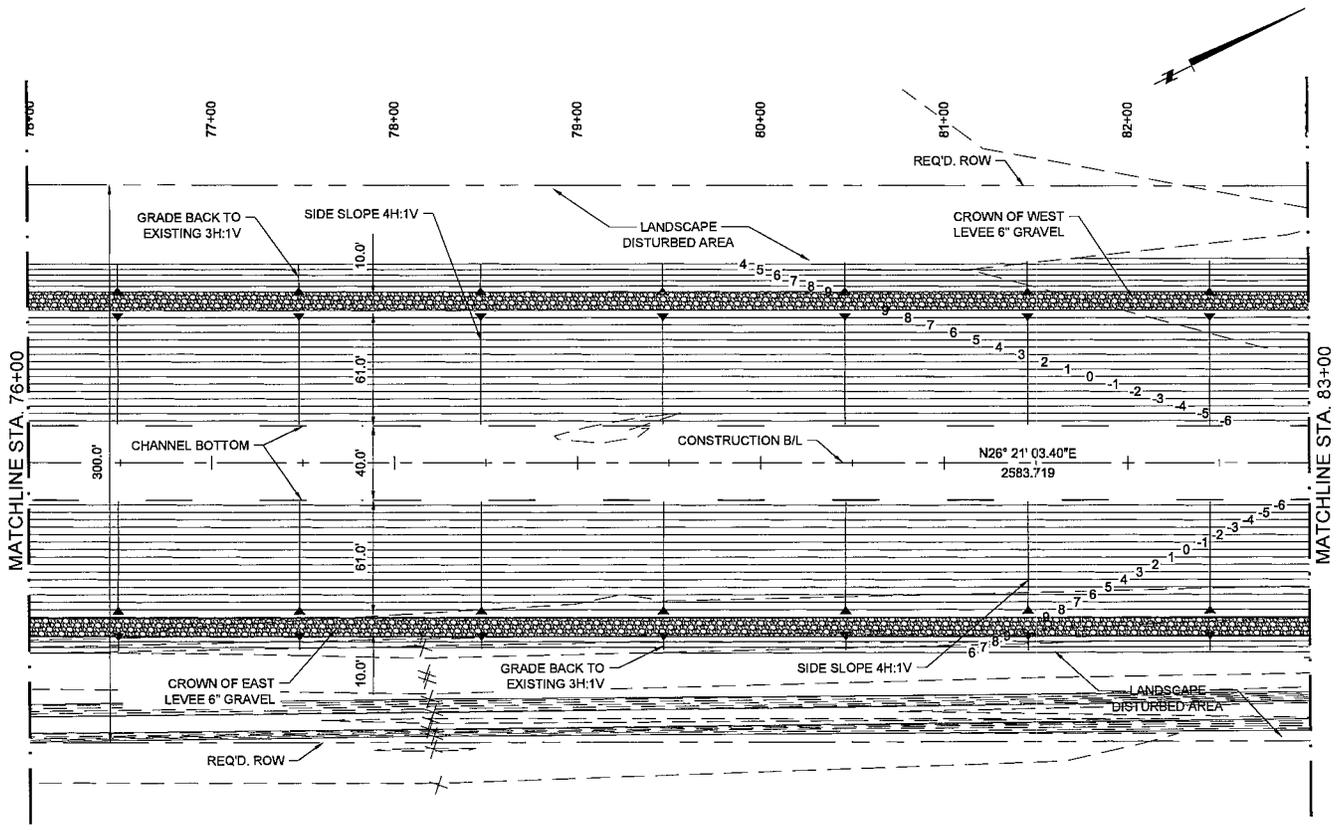
PLAN AND PROFILE

DRAWN BY: APO

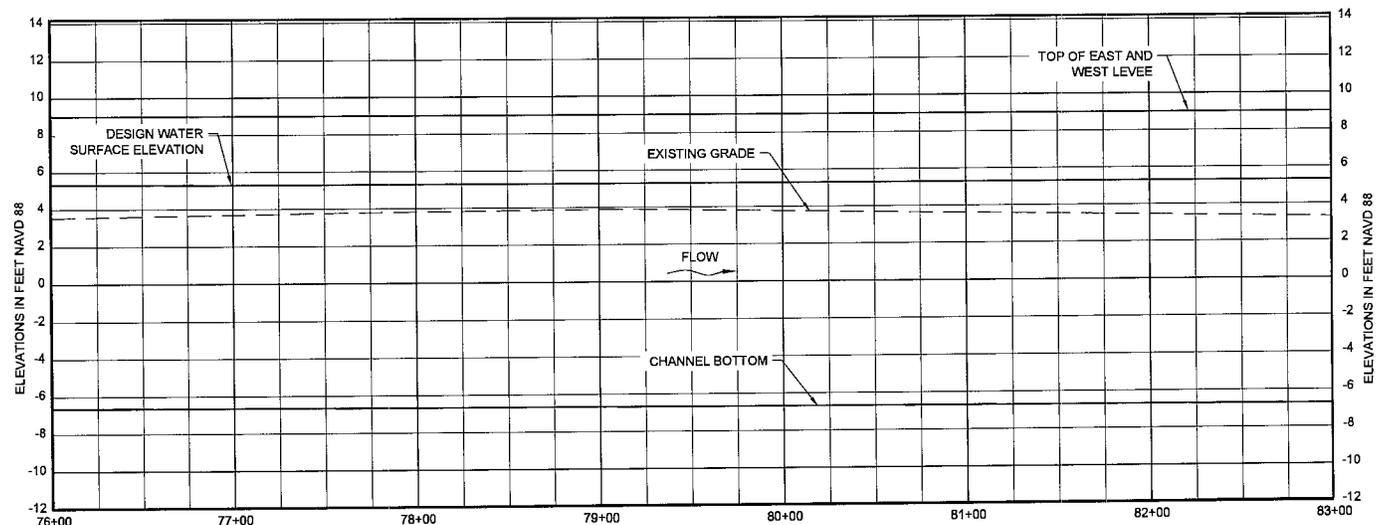
DESIGNED BY: CL

SHEET NO.

CC-5.6



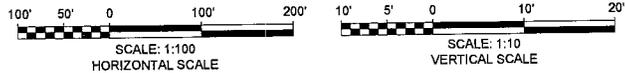
PLAN
SCALE: 1" = 50'



	76+00	77+00	78+00	79+00	80+00	81+00	82+00	83+00
①	3.53	3.69	3.81	3.89	3.77	3.61	3.45	3.28
②	-6.64	-6.65	-6.66	-6.67	-6.68	-6.69	-6.70	-6.71
③	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
④	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
⑤	5.34	5.34	5.33	5.32	5.32	5.31	5.30	5.29

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



COASTAL PROTECTION AND RESTORATION AUTHORITY
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

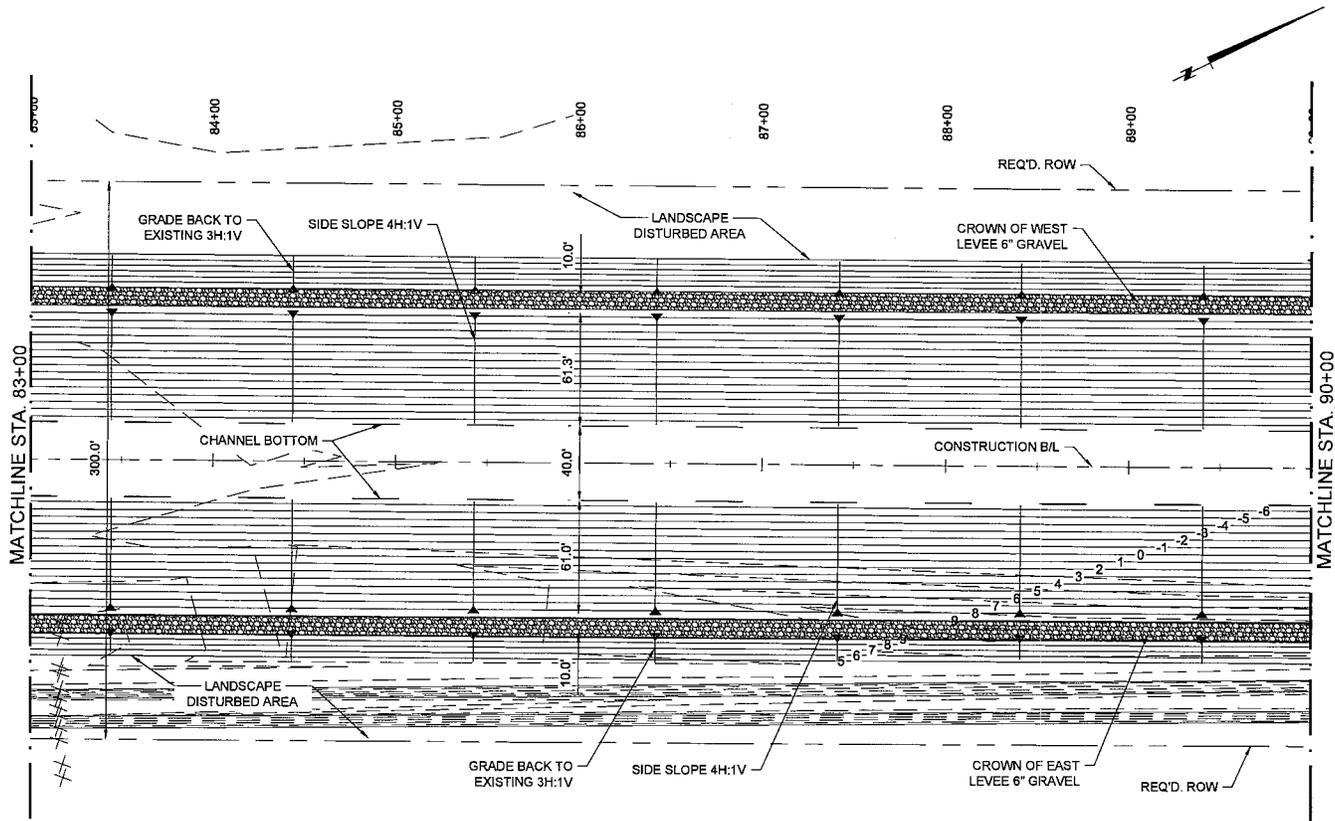
PLAN AND PROFILE

DRAWN BY: APO

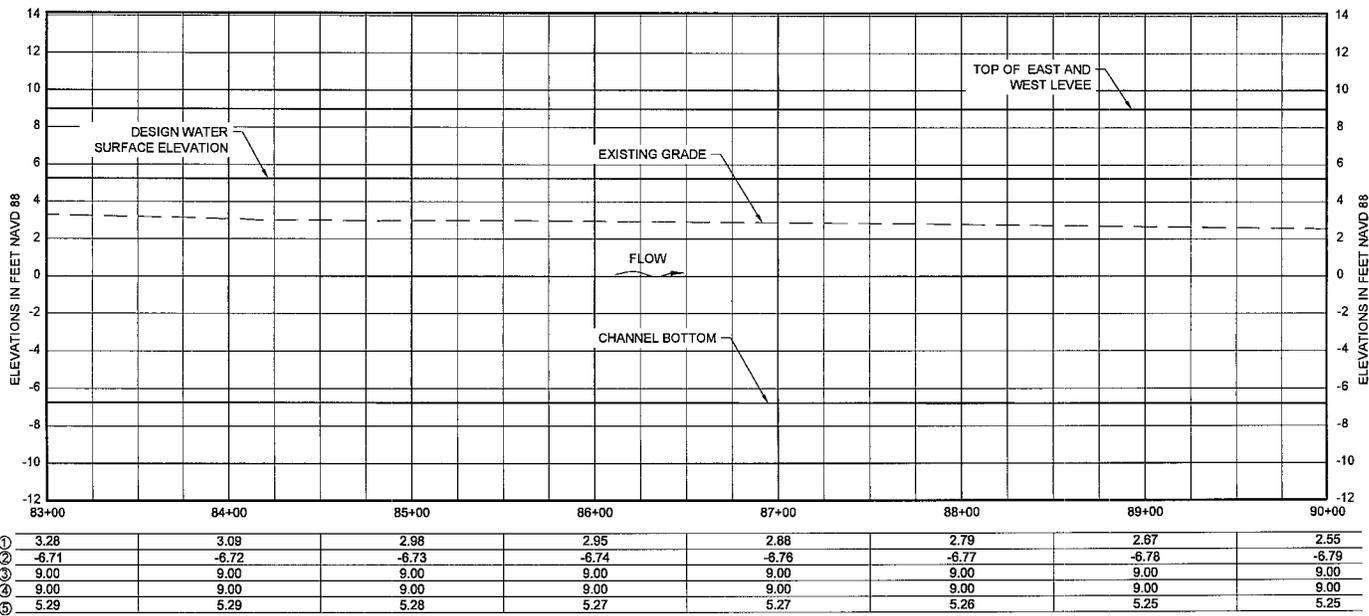
DESIGNED BY: CL

SHEET NO.

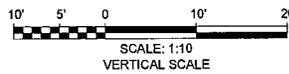
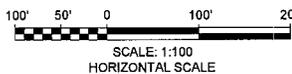
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PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL



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RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

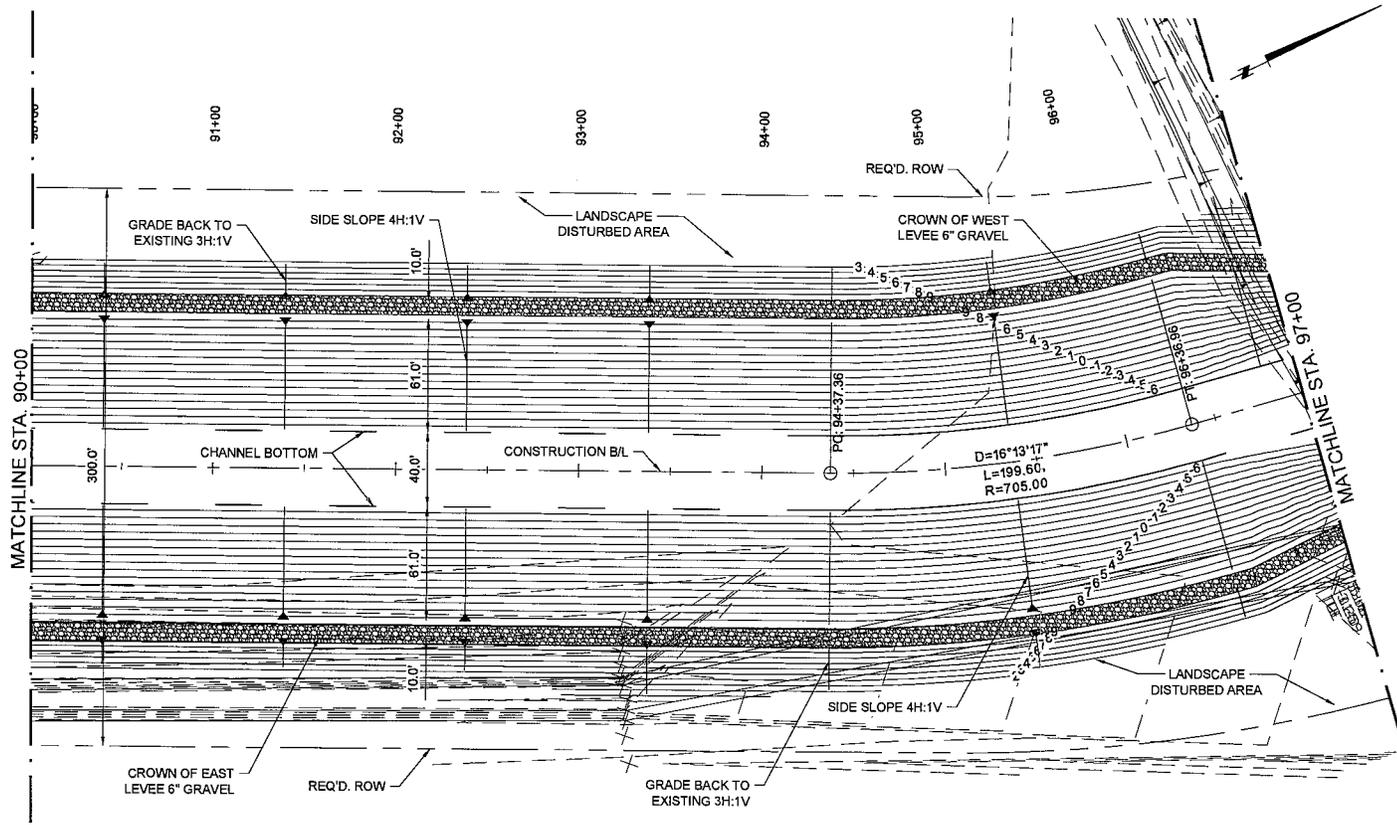
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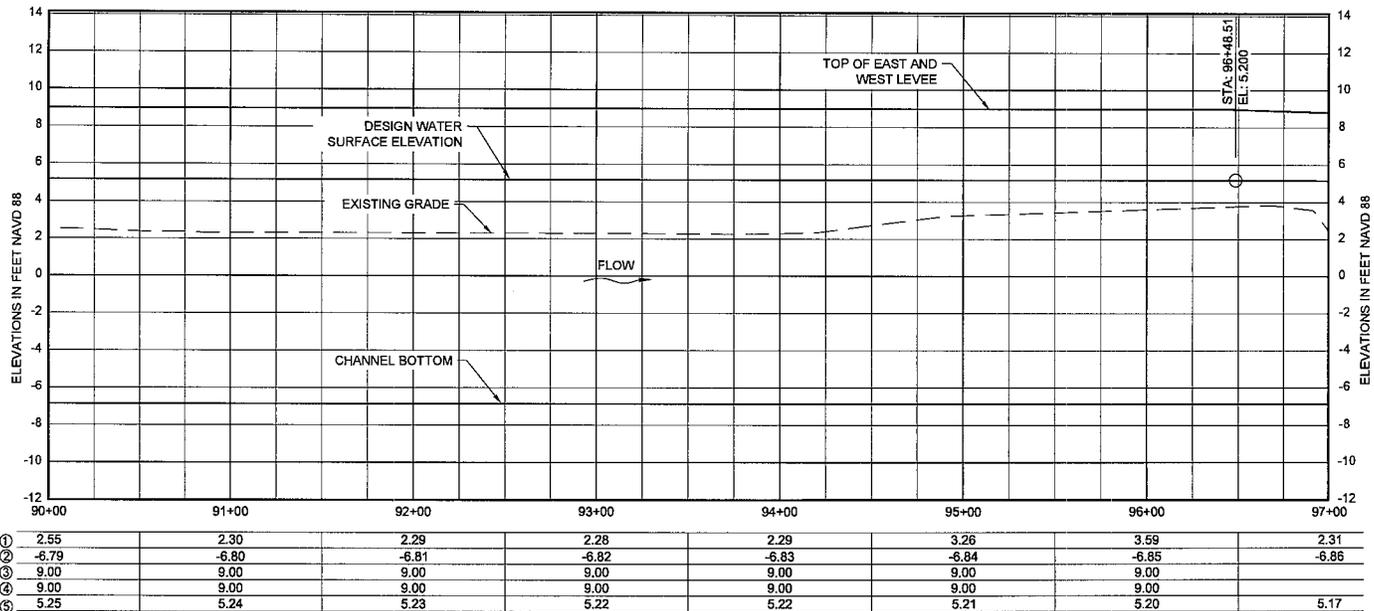
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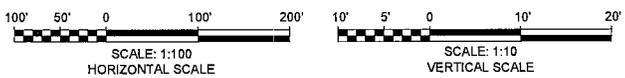
CC-5.8



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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PROJECT NUMBER: 10001877

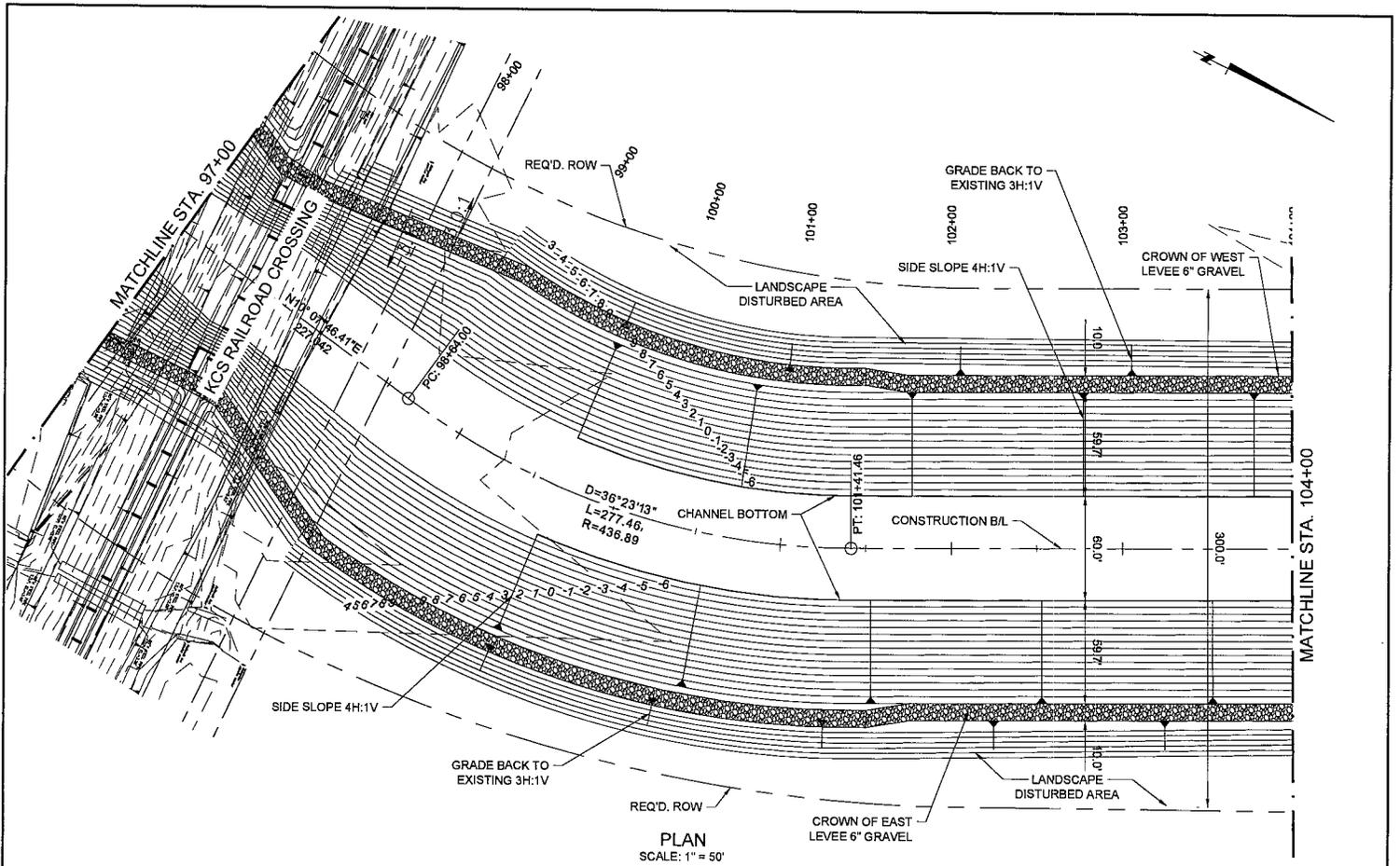
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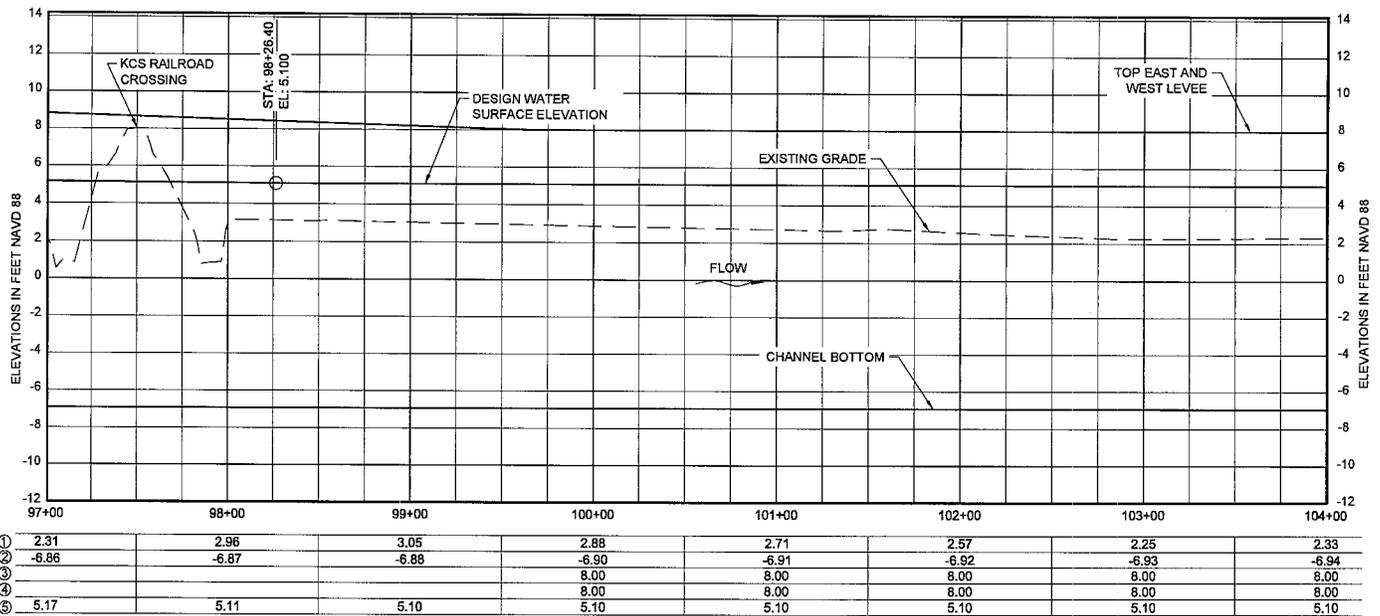
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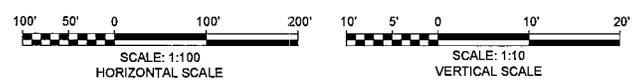
CC-5.9



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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RIVER REINTRODUCTION
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ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

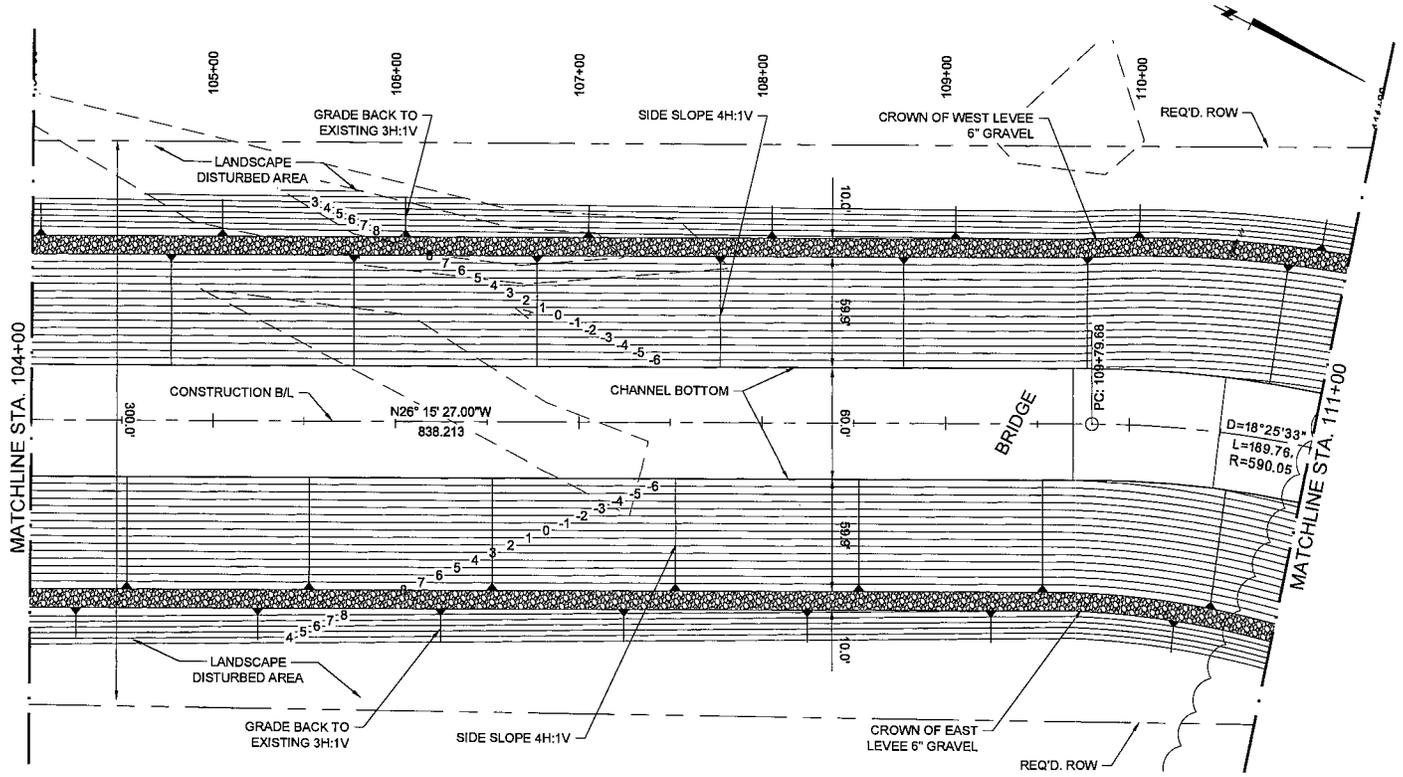
PLAN AND PROFILE

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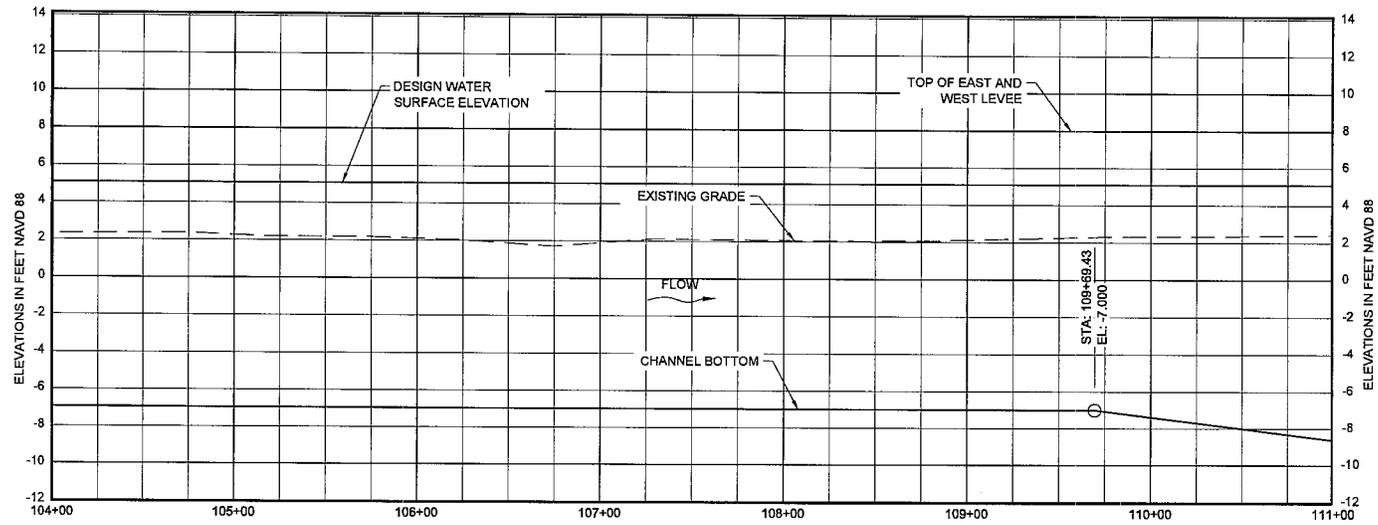
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SHEET NO.

CC-5.10

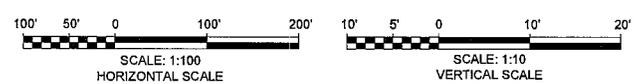


PLAN
SCALE: 1" = 50'



①	2.33	2.27	2.12	1.92	2.08	2.14	2.33	2.42
②	-6.94	-6.95	-6.96	-6.97	-6.98	-6.99	-7.38	-8.63
③	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
④	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
⑤	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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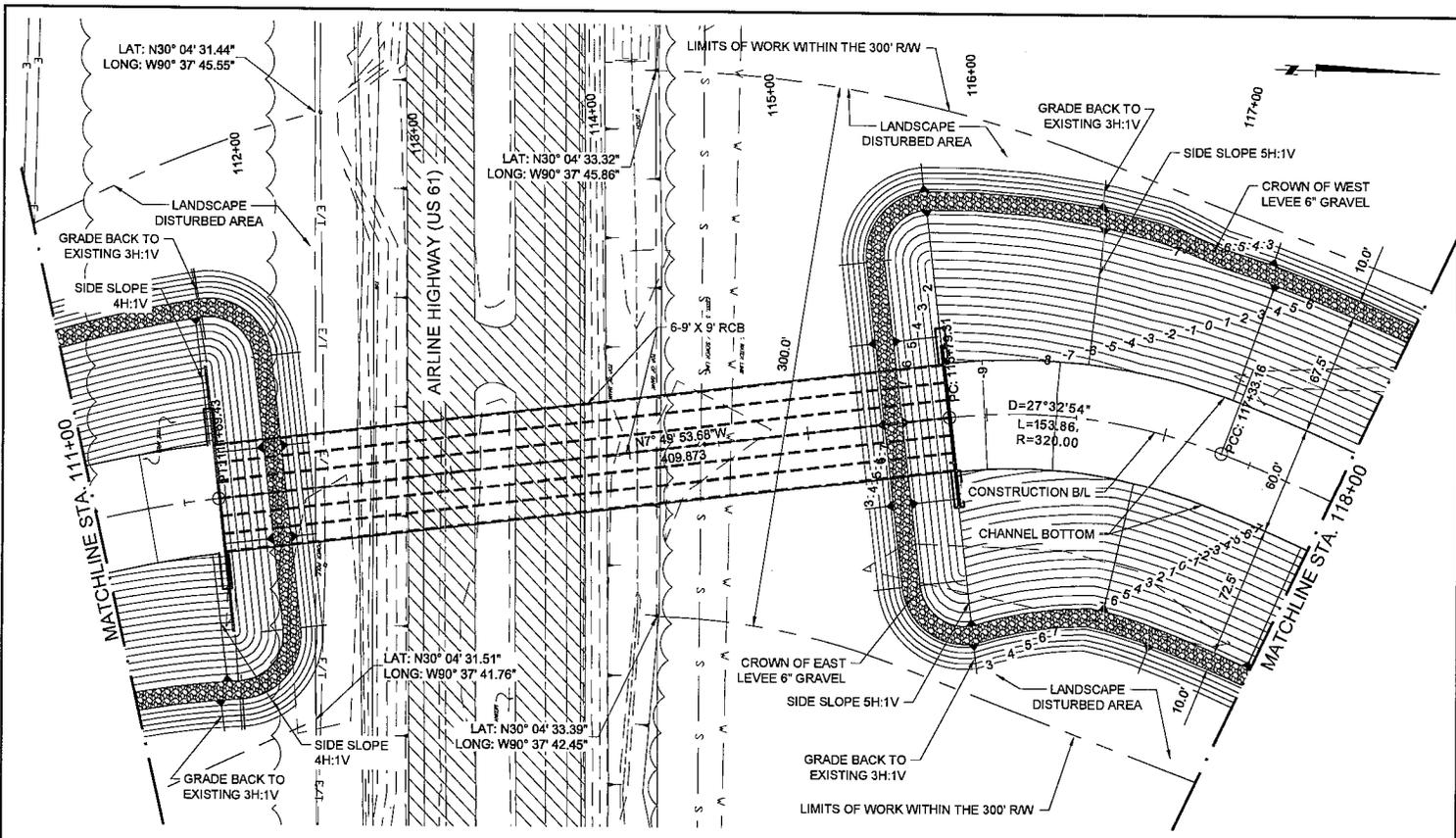
PLAN AND PROFILE

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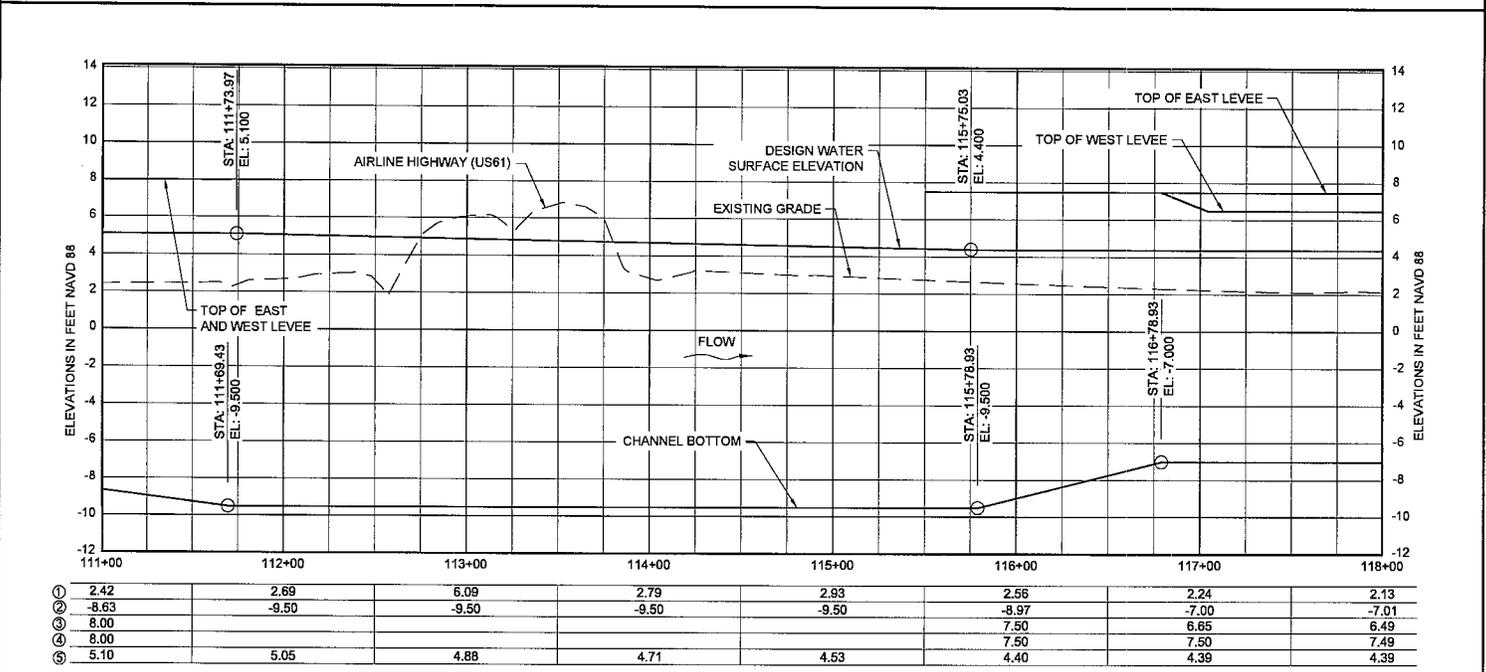
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CC-5.11



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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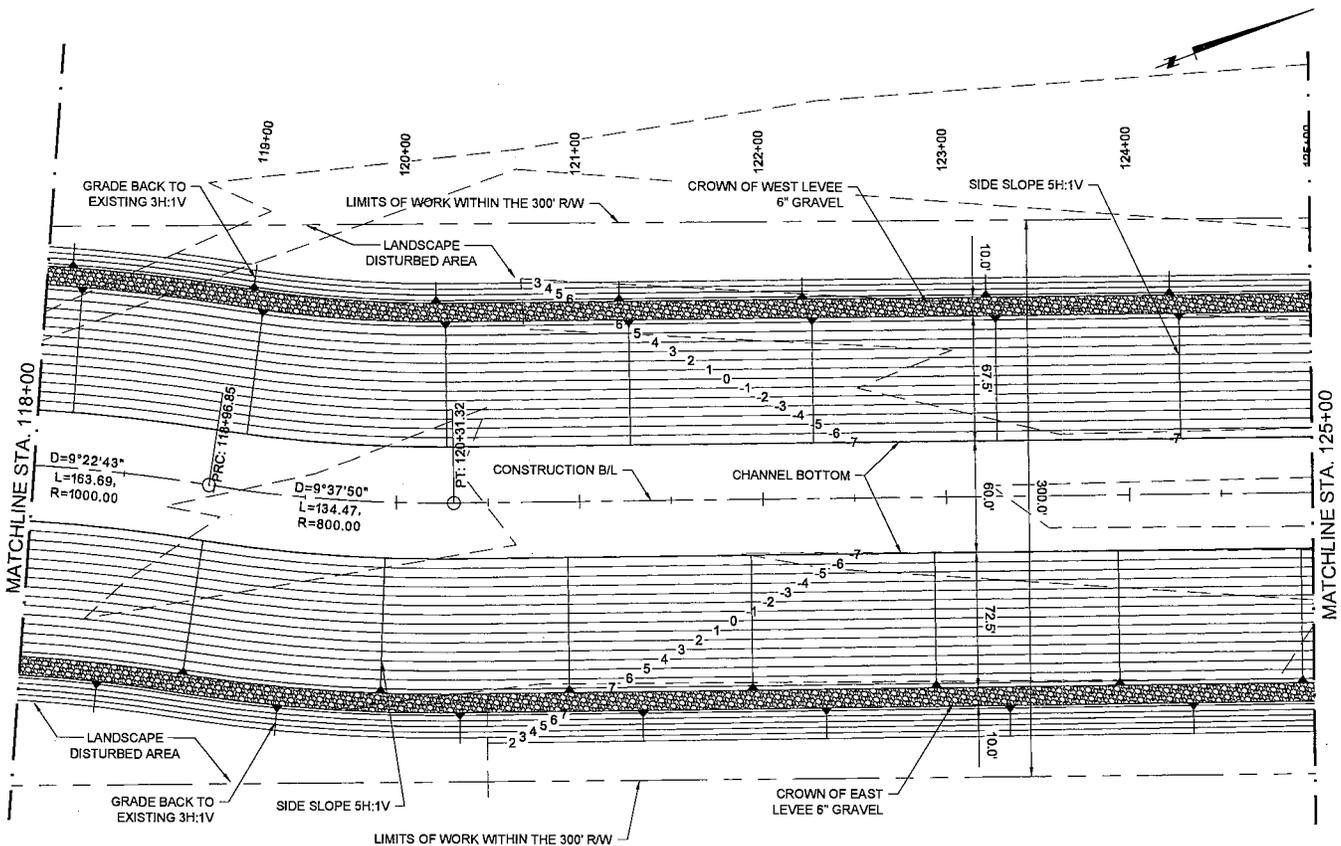
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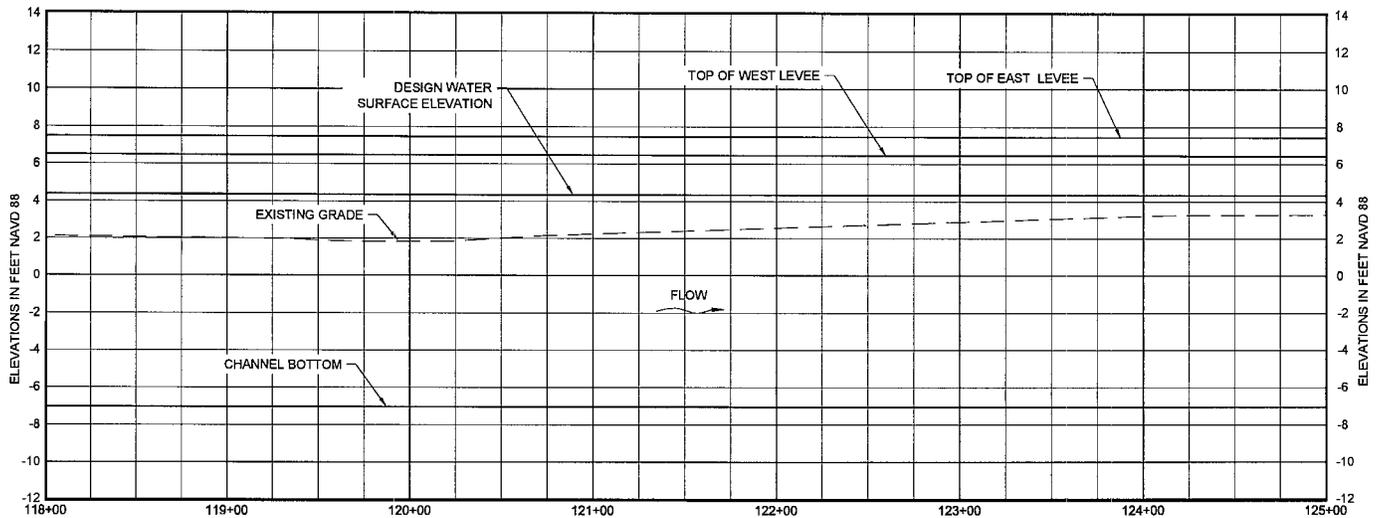
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PLAN AND PROFILE

SHEET NO. CC-5.12



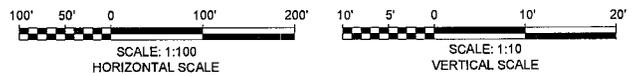
PLAN
SCALE: 1" = 50'



	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00
①	2.13	2.02	1.84	2.24	2.57	2.89	3.22	3.30
②	-7.01	-7.01	-7.02	-7.02	-7.03	-7.04	-7.04	-7.05
③	6.49	6.49	6.48	6.48	6.47	6.46	6.46	6.45
④	7.49	7.49	7.48	7.48	7.47	7.46	7.46	7.45
⑤	4.39	4.38	4.38	4.37	4.37	4.36	4.36	4.36

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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PROJECT NUMBER: 10001877

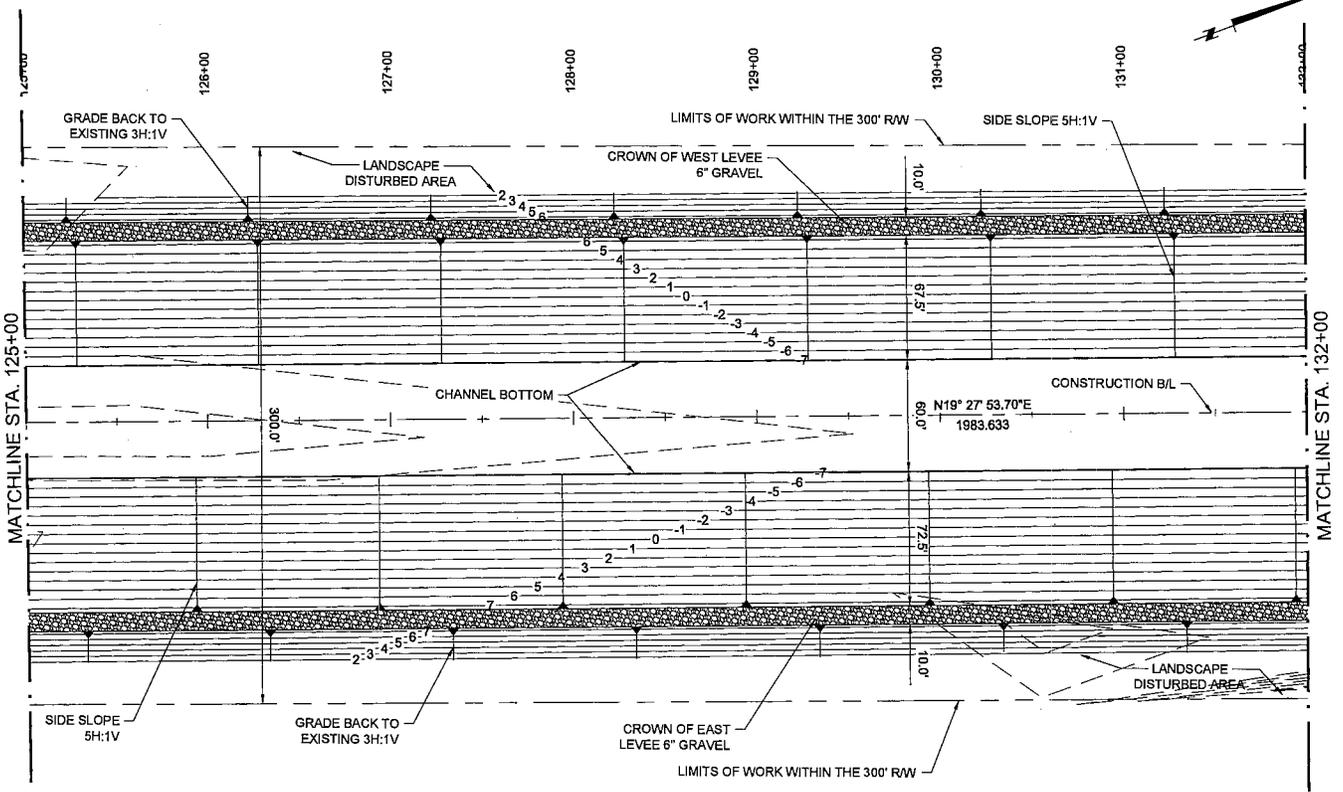
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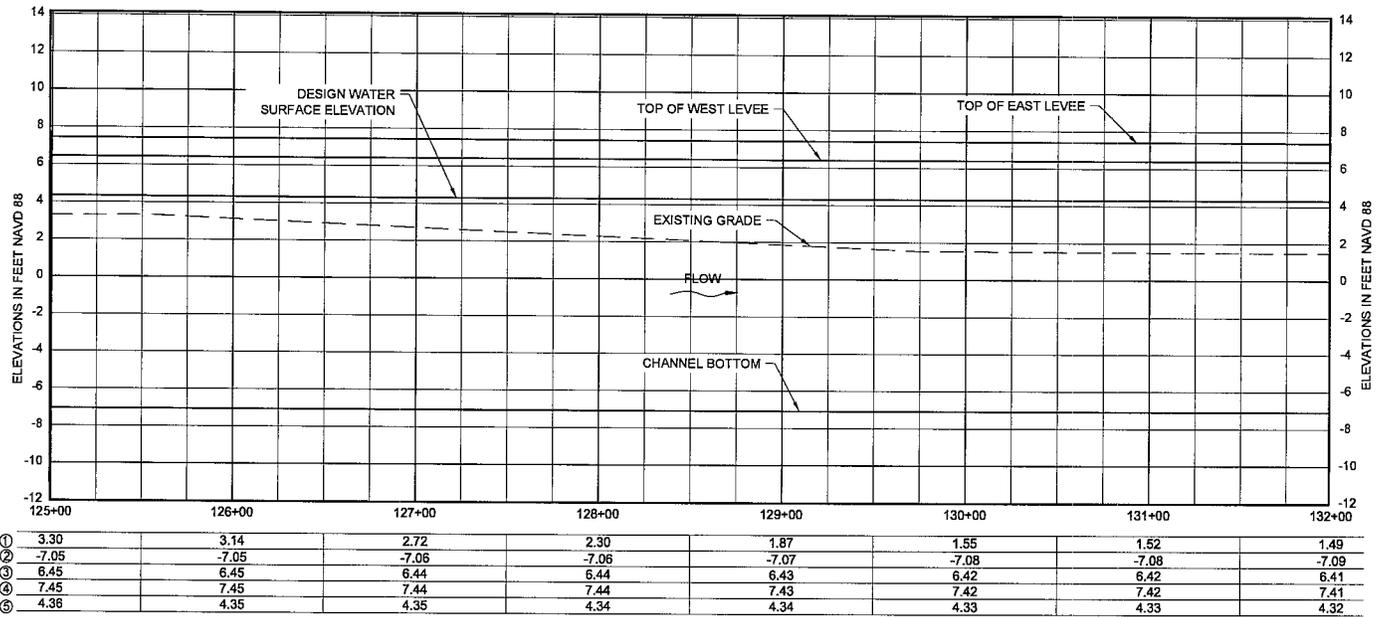
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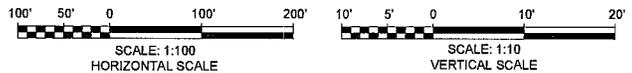
CC-5.13



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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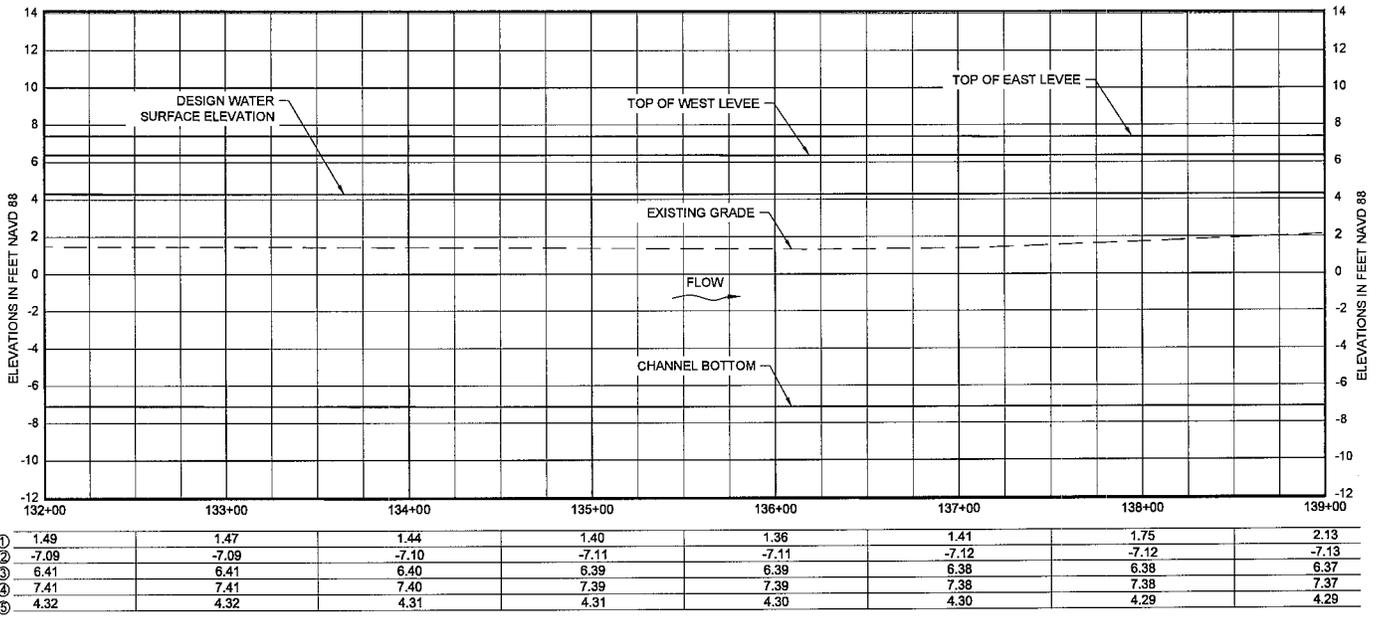
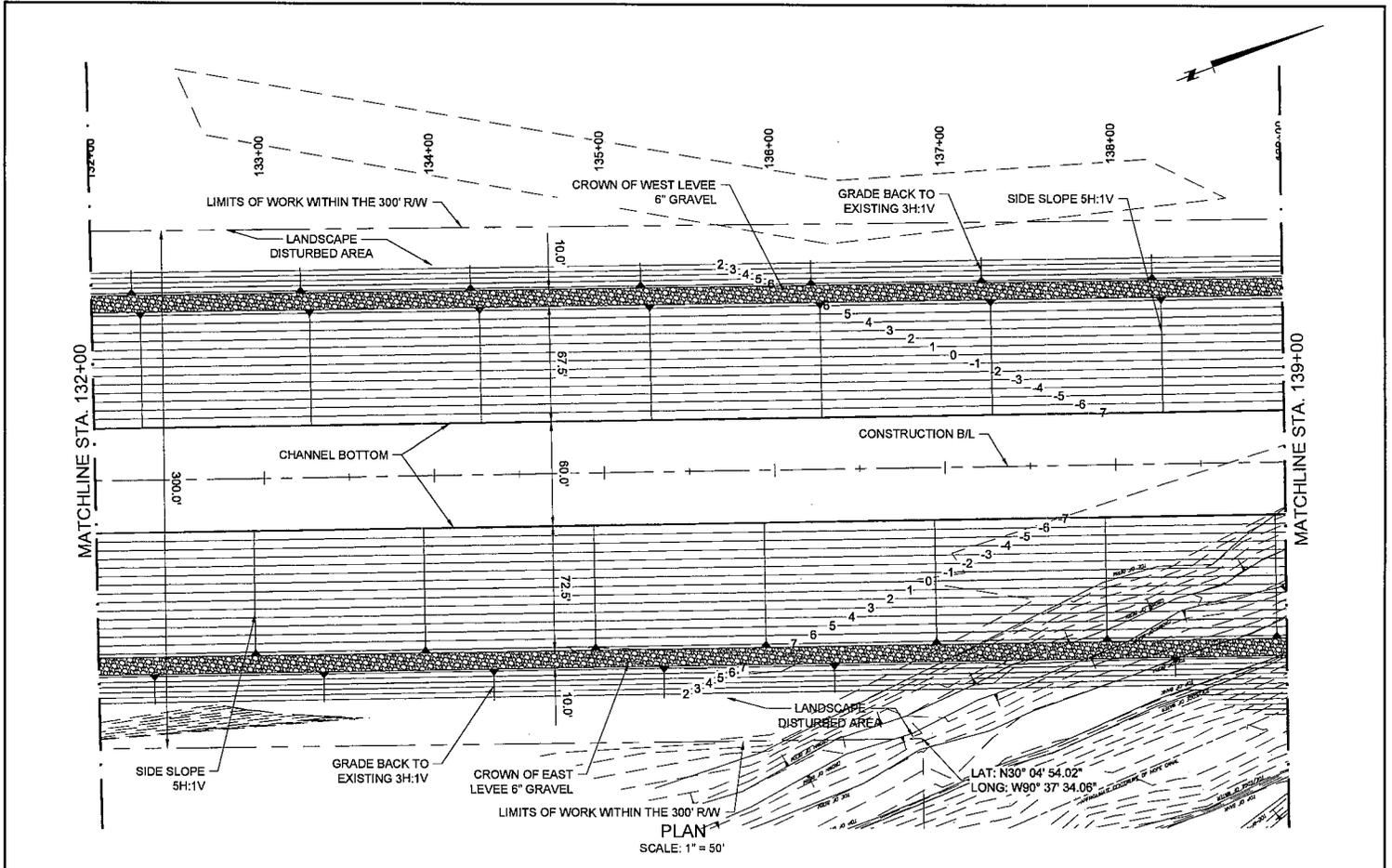
PLAN AND PROFILE

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

CC-5.14



① EXISTING GRADE EL
 ② BOTTOM OF CHANNEL EL
 ③ TOP OF WEST LEVEE EL
 ④ TOP OF EAST LEVEE EL
 ⑤ DESIGN WATER SURFACE EL

PROFILE
 (SHOWN ALONG BASELINE)
 SCALE: 1" = 5'

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'



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 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

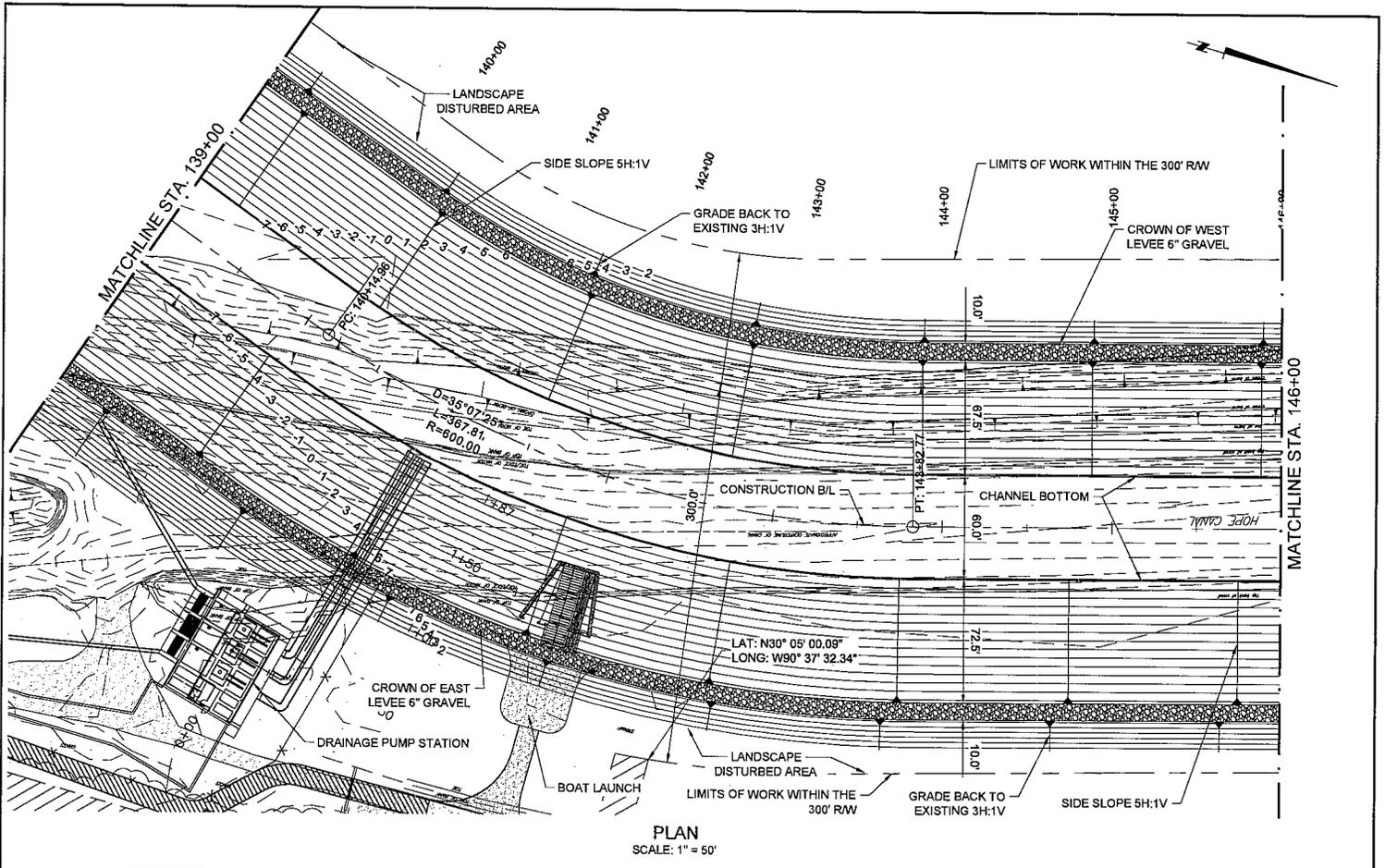
PLAN AND PROFILE

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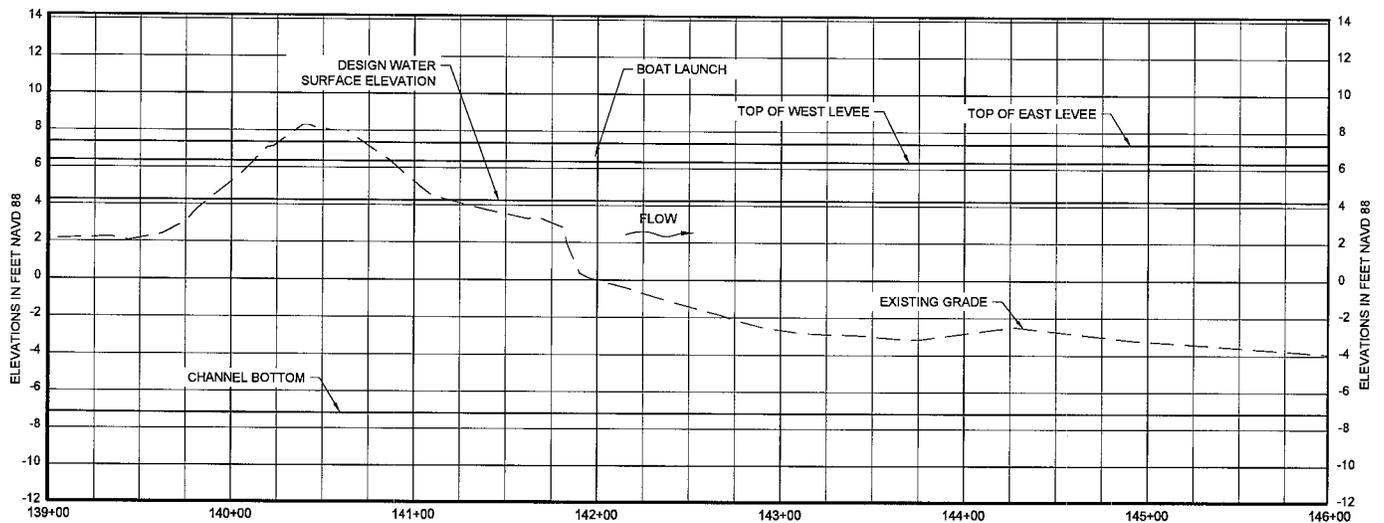
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SHEET NO.

CC-5.15



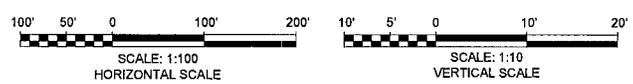
PLAN
SCALE: 1" = 50'



Station	139+00	140+00	141+00	142+00	143+00	144+00	145+00	146+00
①	2.13	5.25	5.26	-0.01	-2.67	-2.84	-3.26	-3.94
②	-7.13	-7.13	-7.14	-7.15	-7.15	-7.16	-7.16	-7.17
③	6.37	6.37	6.36	6.35	6.35	6.34	6.34	6.33
④	7.37	7.37	7.36	7.35	7.35	7.34	7.34	7.33
⑤	4.29	4.28	4.28	4.27	4.27	4.26	4.26	4.25

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
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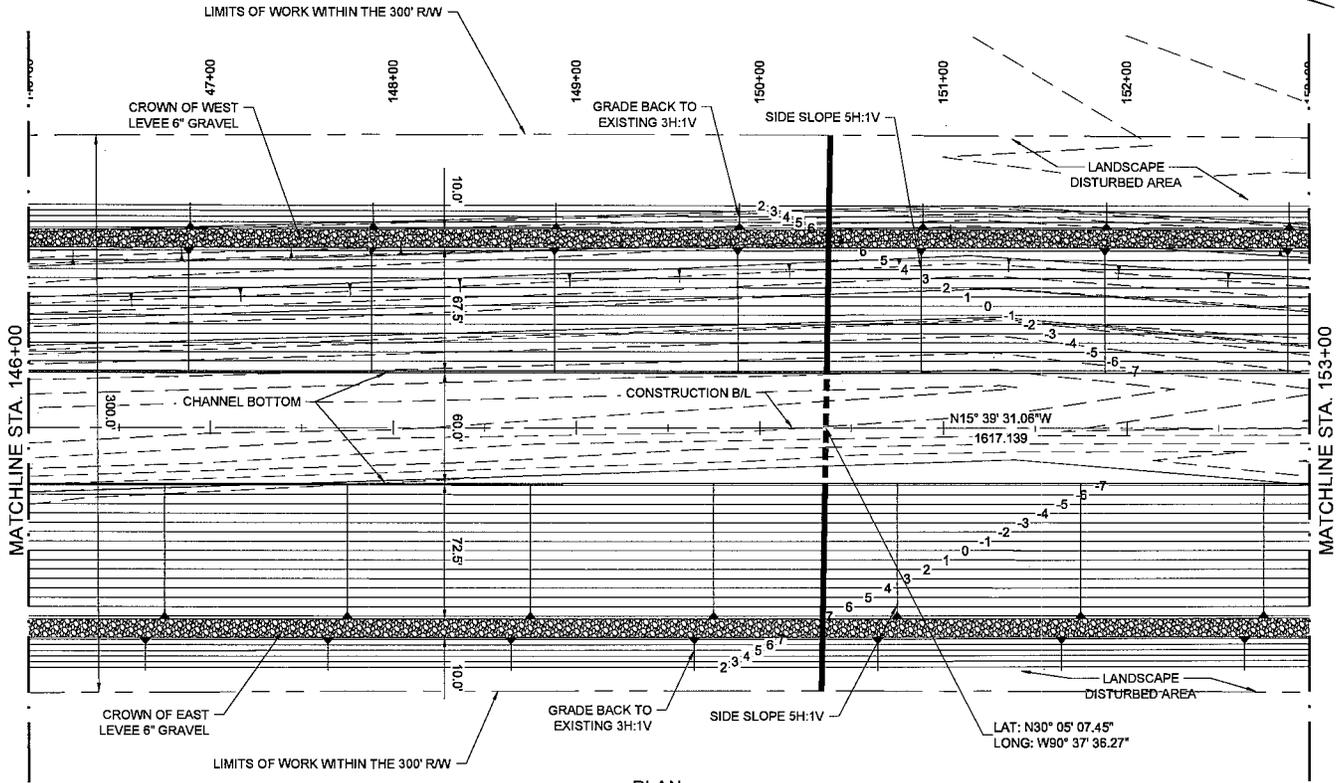
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PLAN AND PROFILE

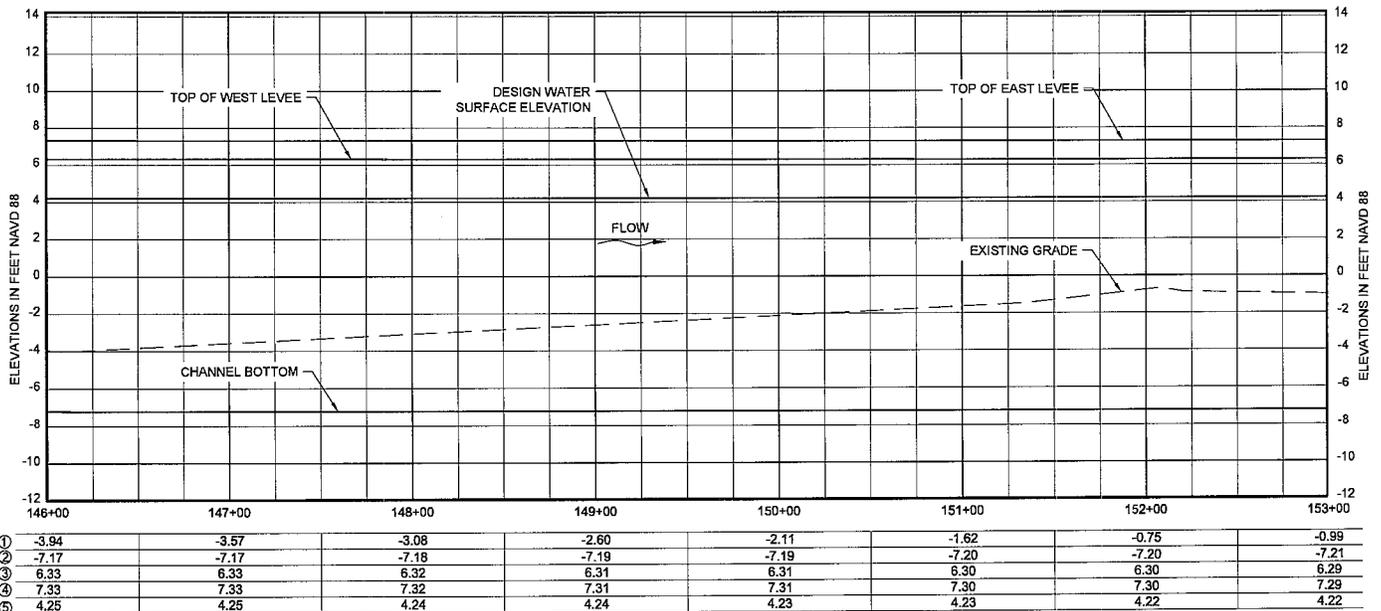
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SHEET NO. CC-5.16

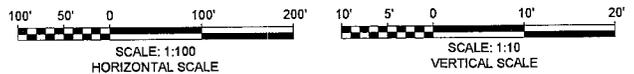


PLAN
SCALE: 1" = 50'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00
①	-3.94	-3.57	-3.08	-2.60	-2.11	-1.62	-0.75	-0.99
②	-7.17	-7.17	-7.18	-7.19	-7.19	-7.20	-7.20	-7.21
③	6.33	6.33	6.32	6.31	6.31	6.30	6.30	6.29
④	7.33	7.33	7.32	7.31	7.31	7.30	7.30	7.29
⑤	4.25	4.25	4.24	4.24	4.23	4.23	4.22	4.22



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RIVER REINTRODUCTION
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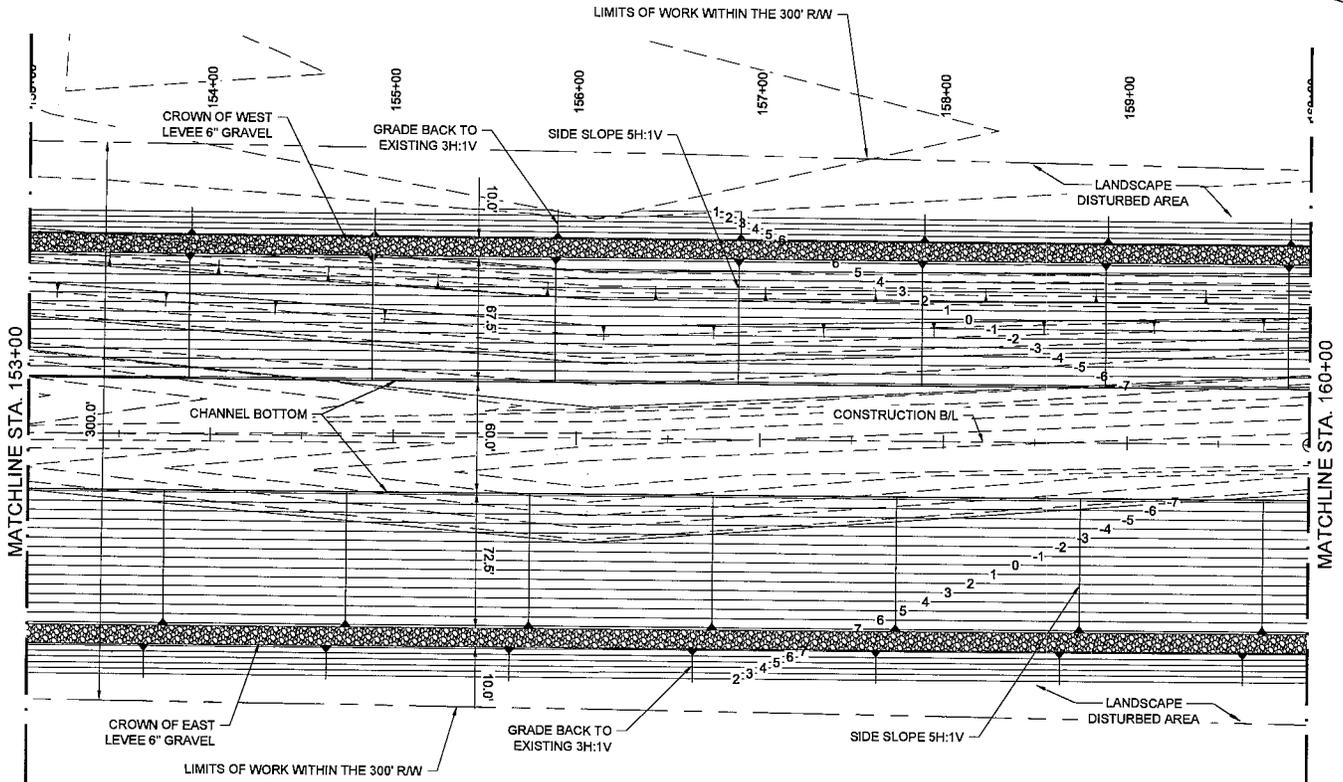
PLAN AND PROFILE

DRAWN BY: APO

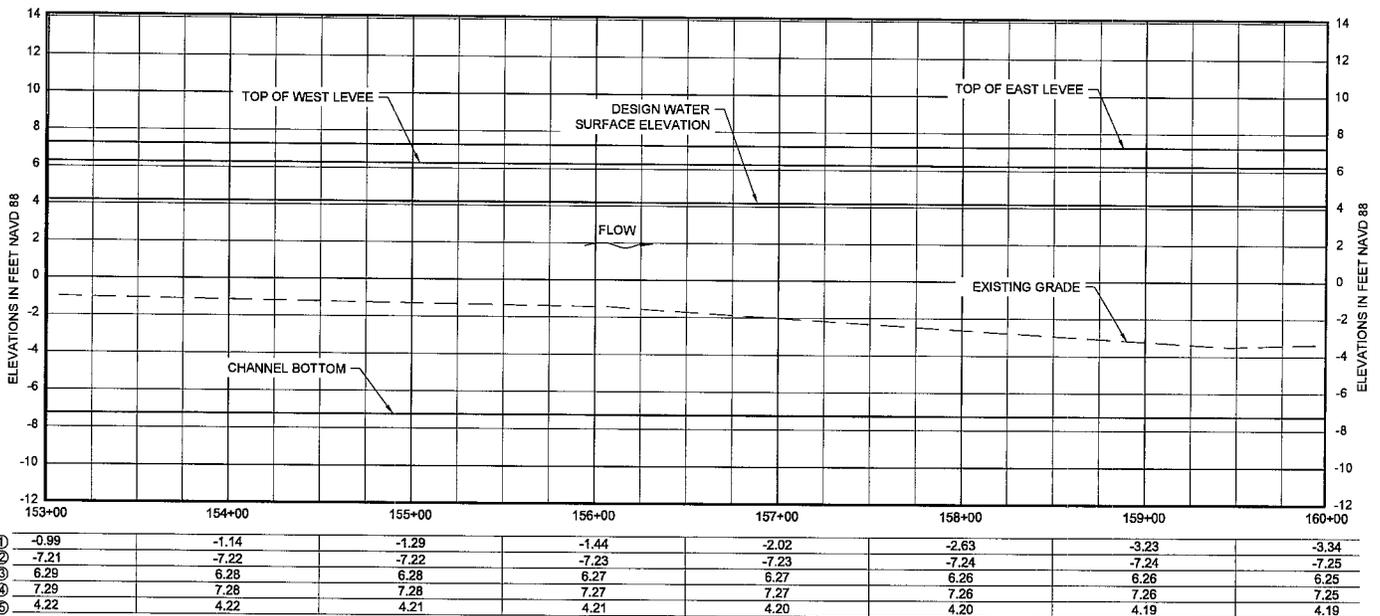
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CC-5.17

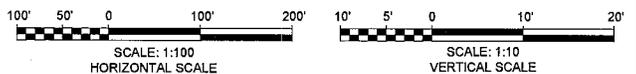


PLAN
SCALE: 1" = 50'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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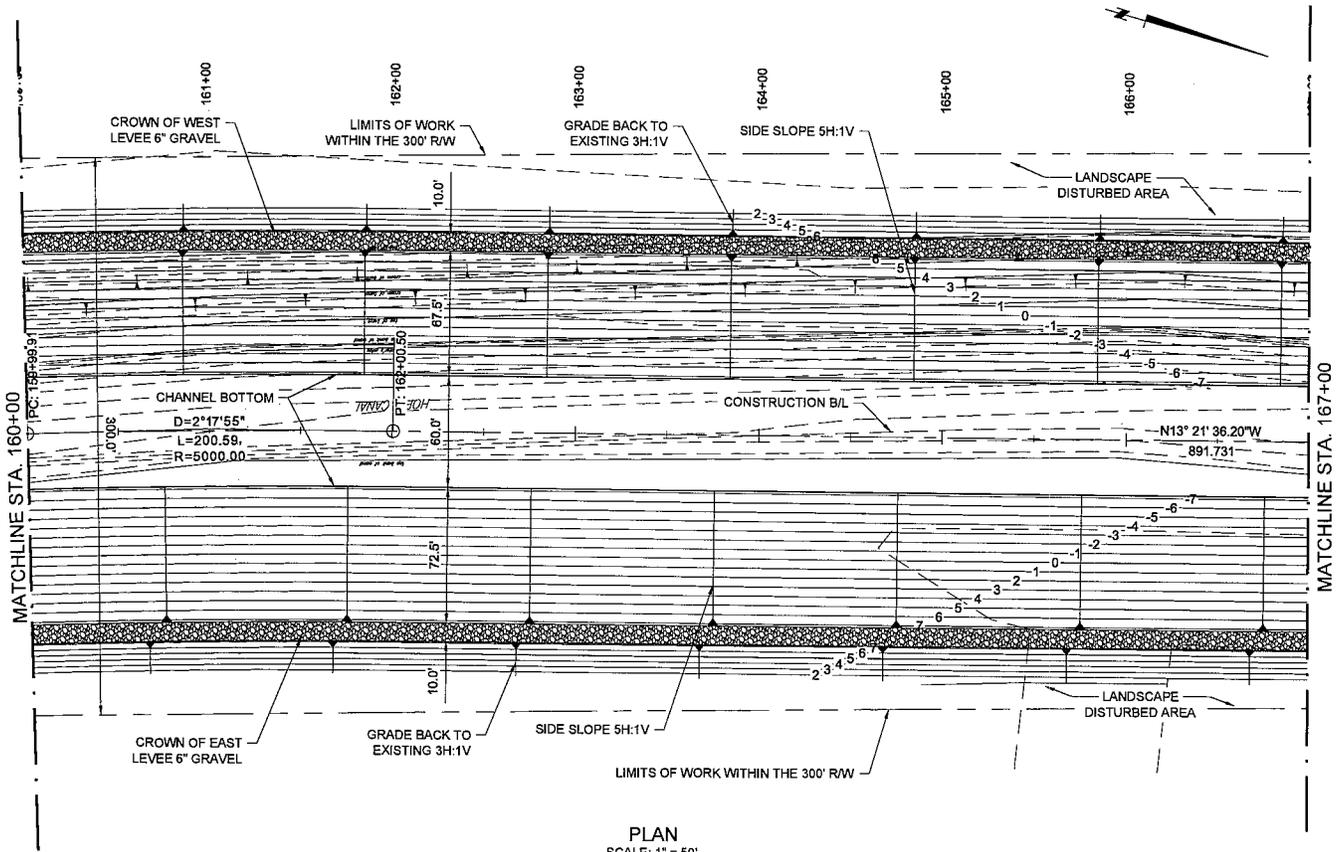
PLAN AND PROFILE

DRAWN BY: APO

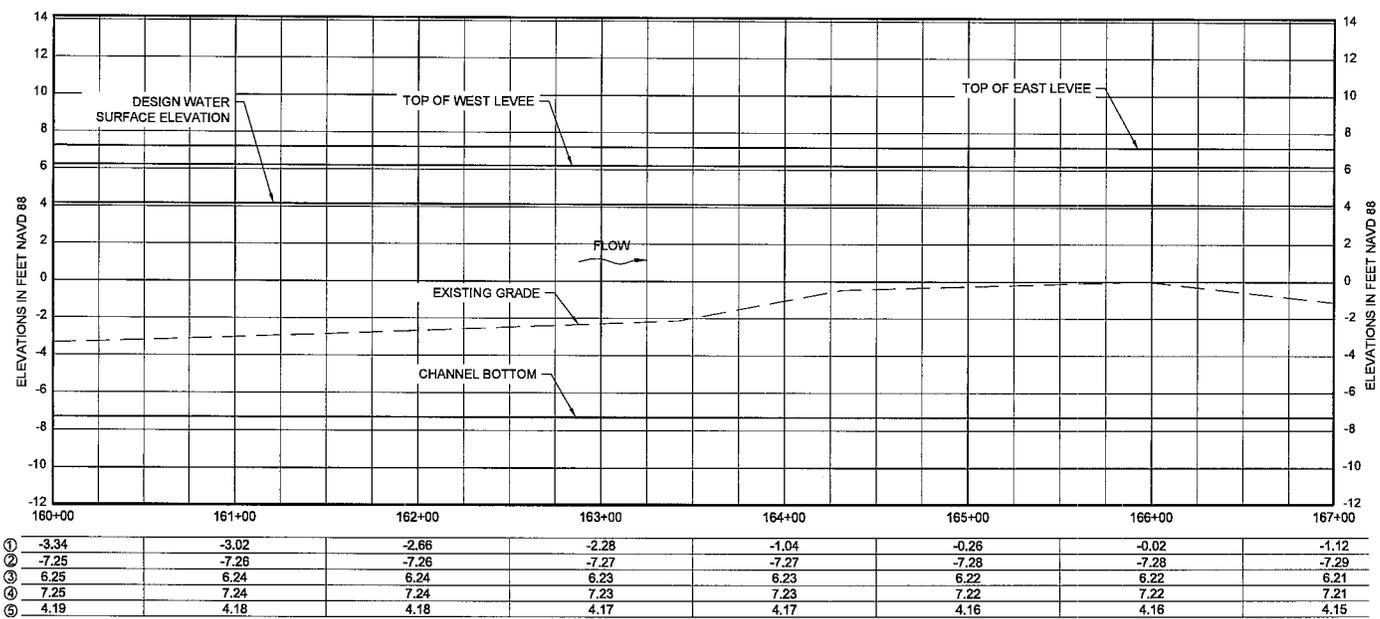
DESIGNED BY: CL

SHEET NO.

CC-5.18



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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PROJECT NUMBER: 10001877

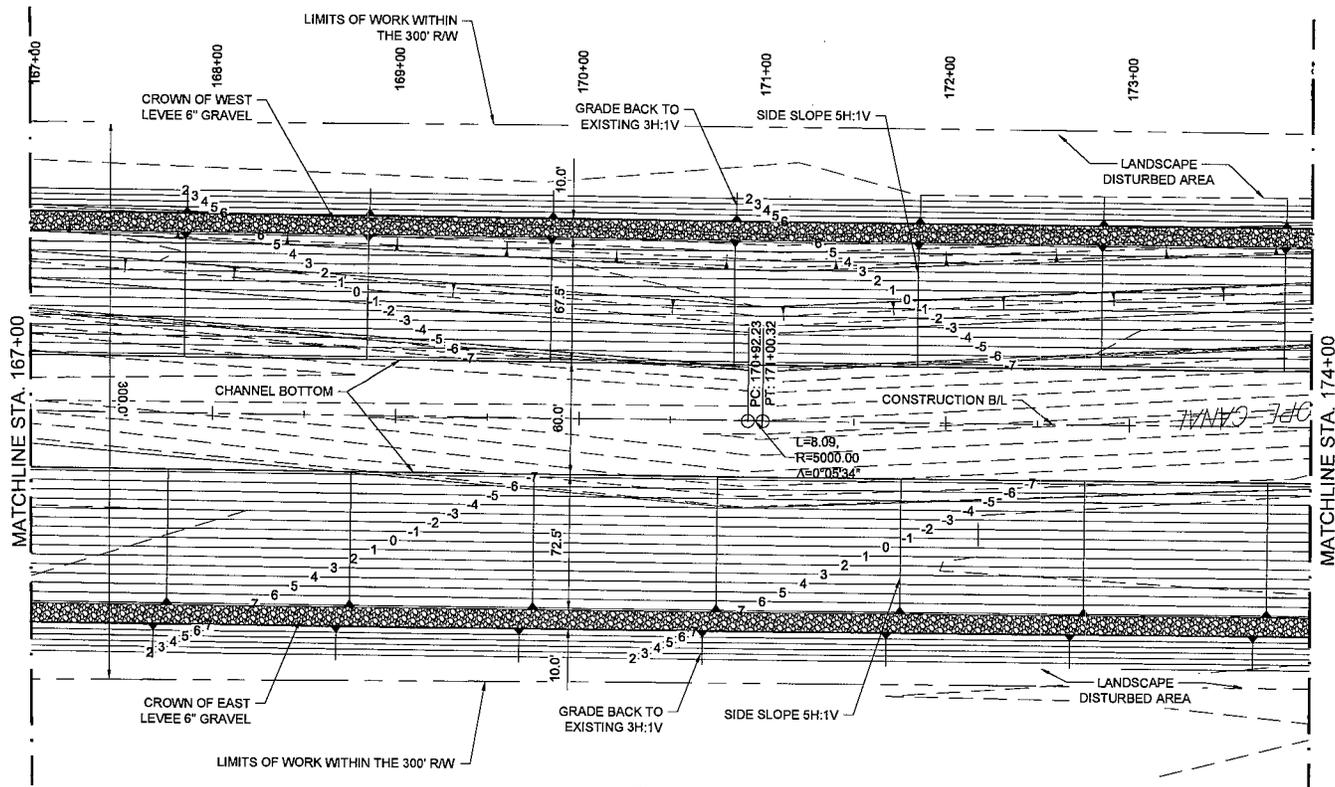
PLAN AND PROFILE

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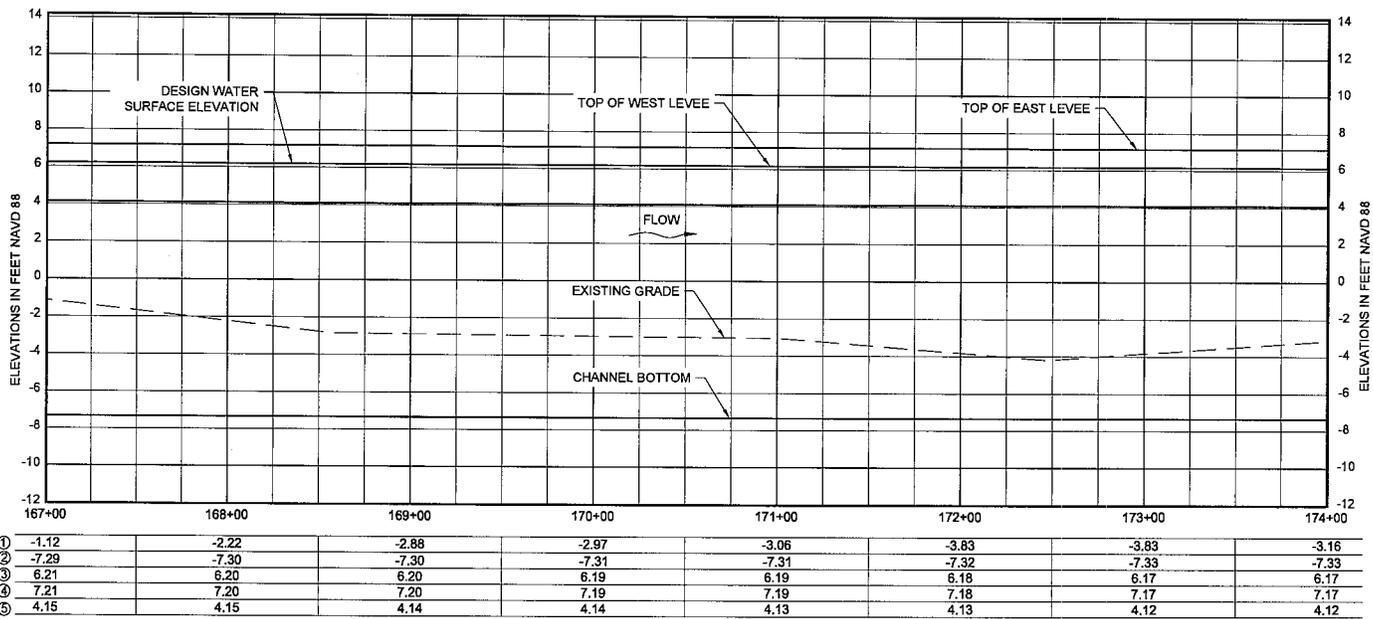
DESIGNED BY: CL

SHEET NO.

CC-5.19



PLAN
SCALE: 1" = 50'



	167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00
①	-1.12	-2.22	-2.88	-2.97	-3.06	-3.83	-3.83	-3.16
②	-7.29	-7.30	-7.30	-7.31	-7.31	-7.32	-7.32	-7.33
③	6.21	6.20	6.20	6.19	6.19	6.18	6.17	6.17
④	7.21	7.20	7.20	7.19	7.19	7.18	7.17	7.17
⑤	4.15	4.15	4.14	4.14	4.13	4.13	4.12	4.12

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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PROJECT NUMBER: 10001877

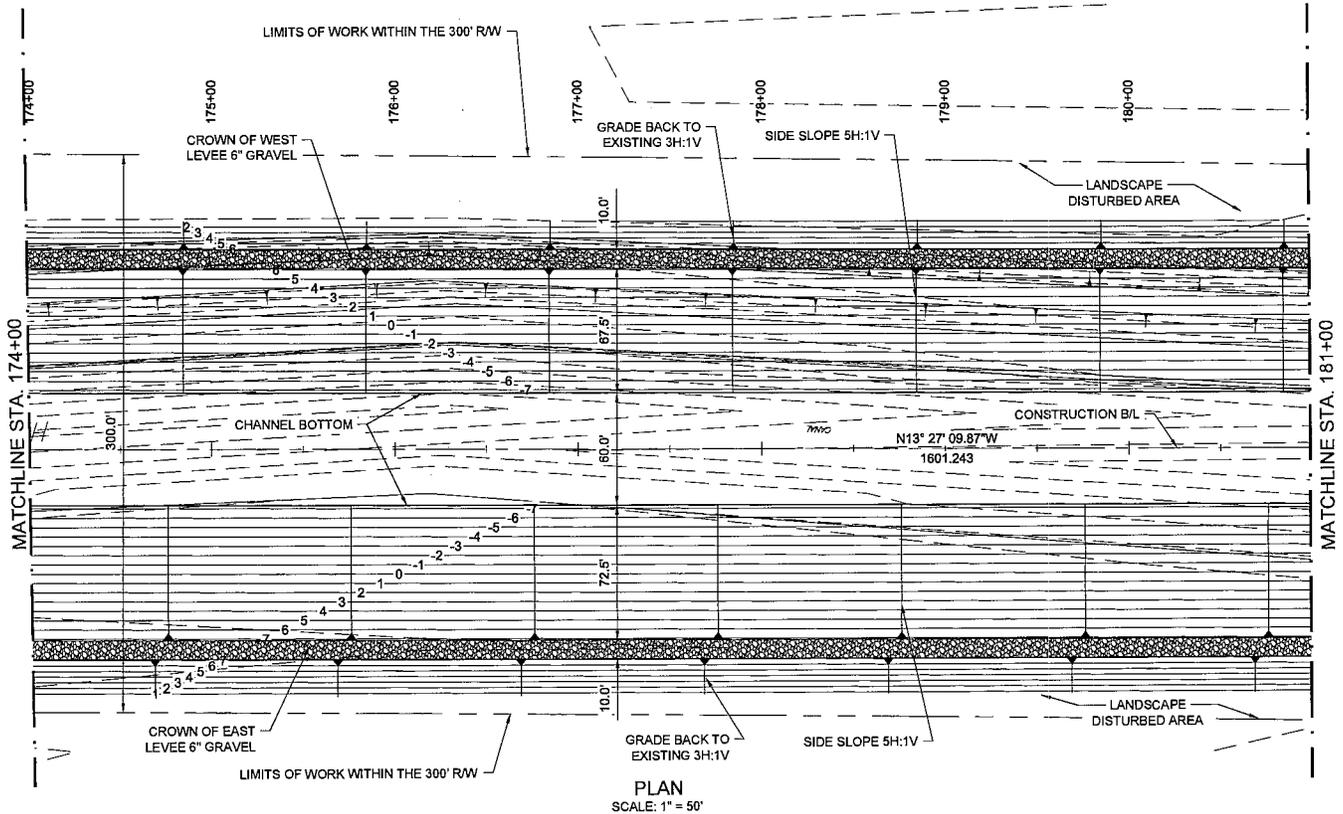
PLAN AND PROFILE

DRAWN BY: APO

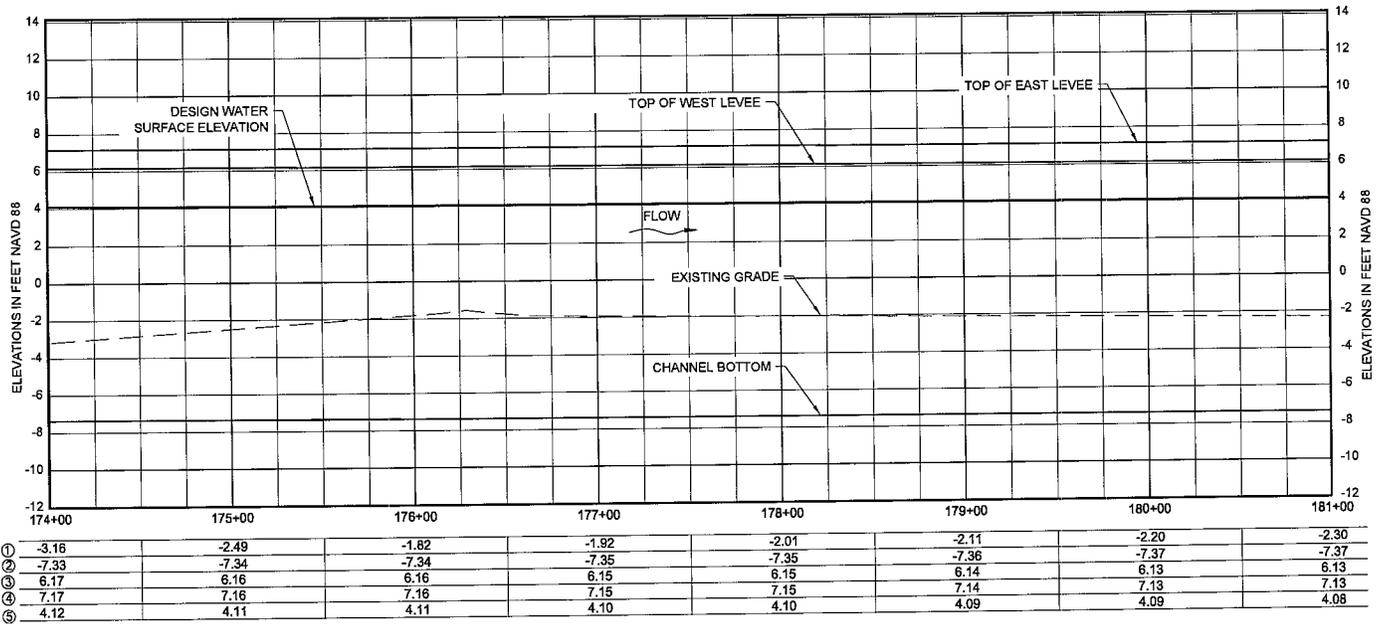
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SHEET NO.

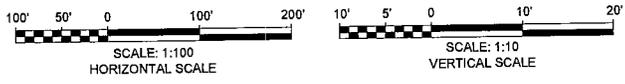
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PLAN
SCALE: 1" = 50'



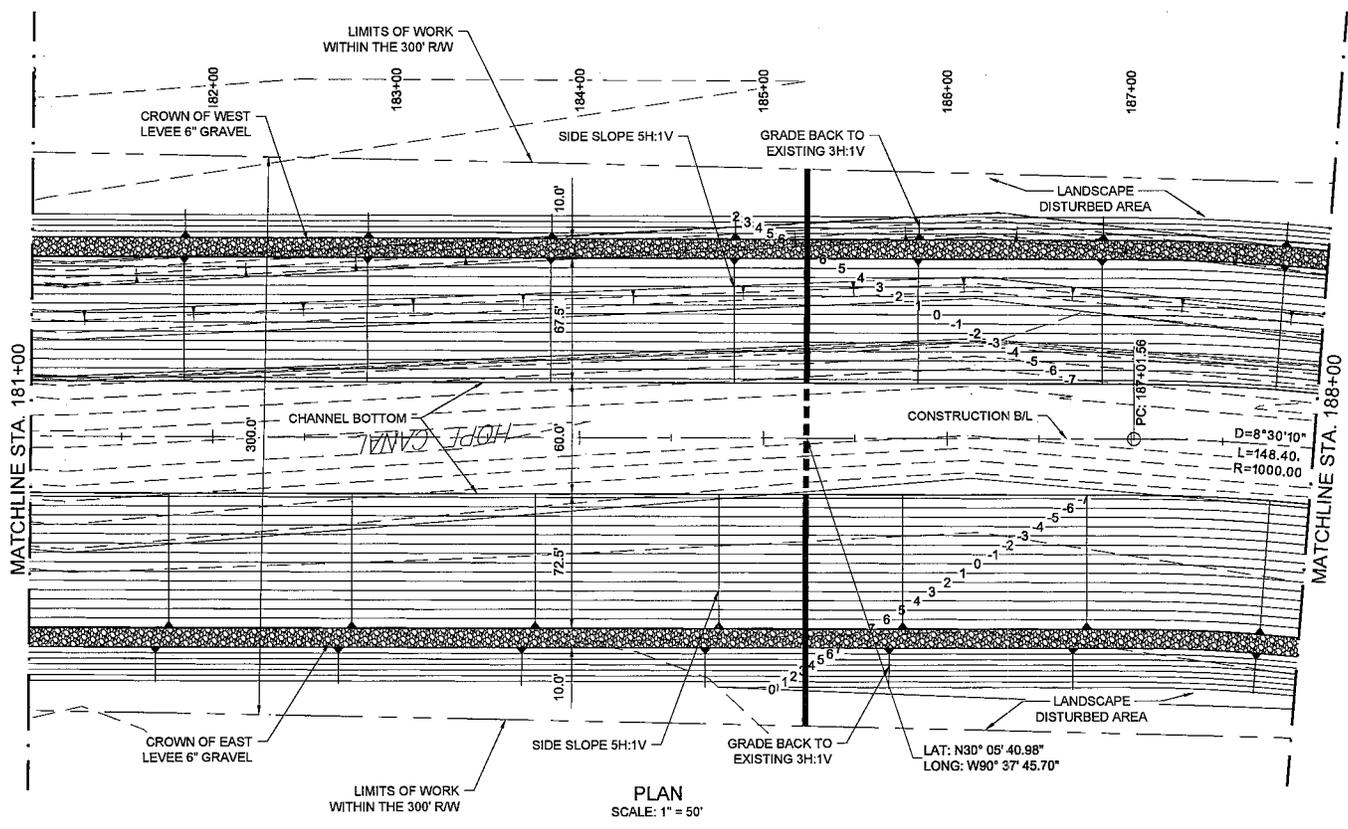
PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



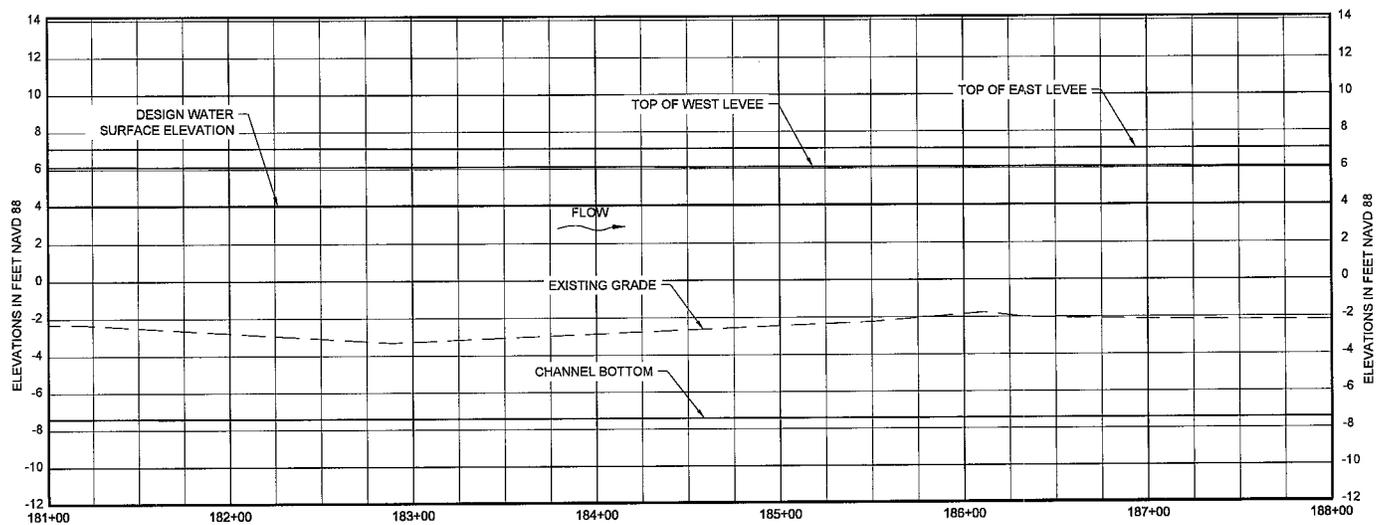
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(504) 837-6326

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA
PROJECT NUMBER: 10001877
PLAN AND PROFILE
DRAWN BY: APO DESIGNED BY: CL SHEET NO. CC-5.21

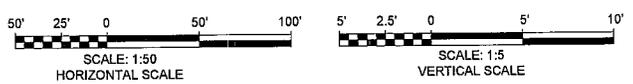


PLAN
SCALE: 1" = 50'



	181+00	182+00	183+00	184+00	185+00	186+00	187+00	188+00
①	-2.30	-2.79	-3.26	-2.85	-2.44	-1.84	-2.12	-2.17
②	-7.37	-7.38	-7.38	-7.39	-7.39	-7.40	-7.41	-7.41
③	6.13	6.12	6.12	6.11	6.11	6.10	6.09	6.09
④	7.13	7.12	7.12	7.11	7.11	7.10	7.09	7.09
⑤	4.08	4.08	4.08	4.07	4.07	4.06	4.06	4.05

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

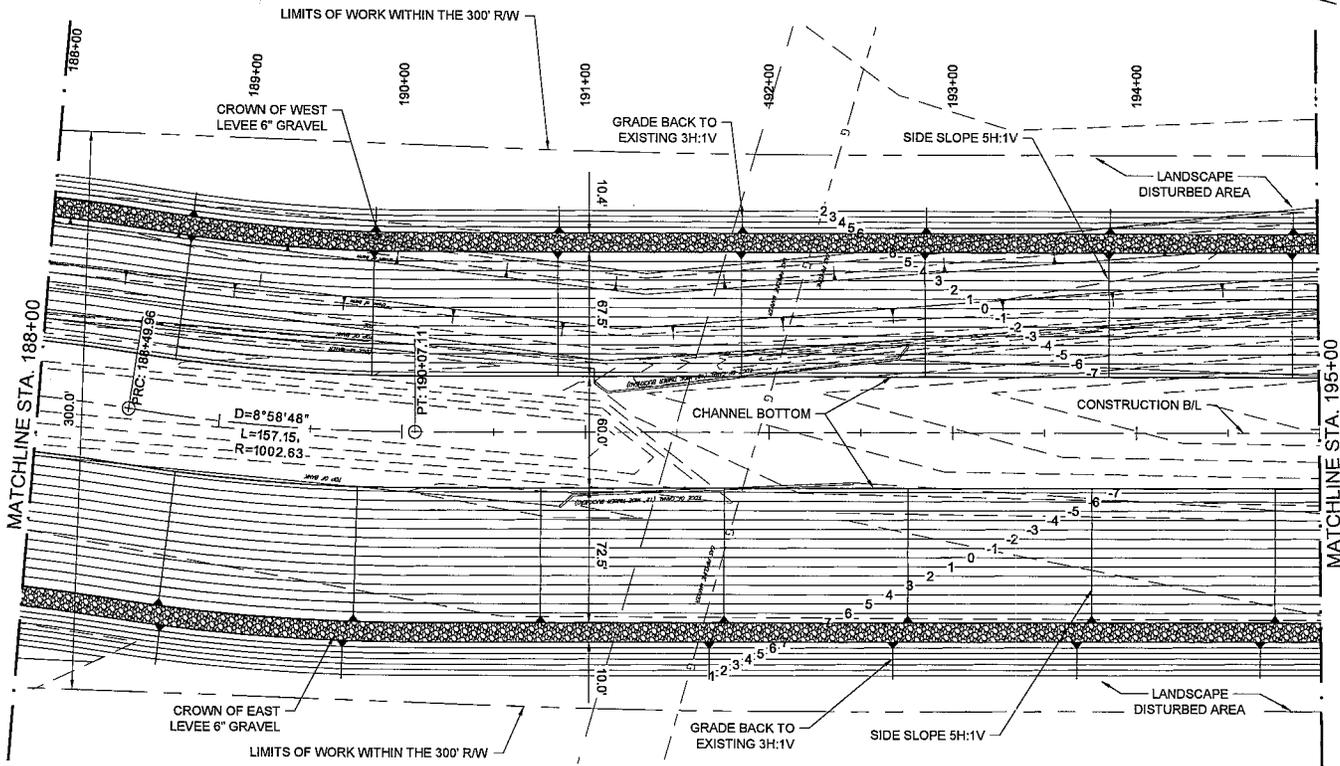
PLAN AND PROFILE

DRAWN BY: APO

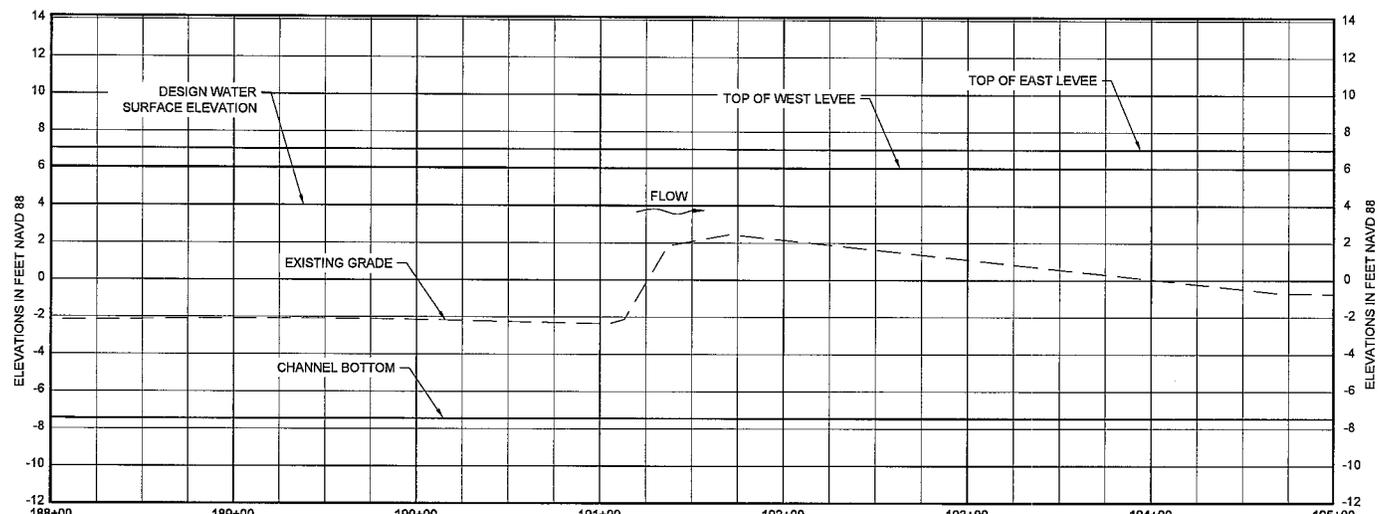
DESIGNED BY: CL

SHEET NO.

CC-5.22



PLAN
SCALE: 1" = 50'



	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00
①	-2.17	-2.08	-2.14	-2.35	2.15	1.10	0.04	-0.74
②	-7.41	-7.42	-7.42	-7.43	-7.44	-7.44	-7.45	-7.45
③	6.09	6.08	6.08	6.07	6.06	6.06	6.05	6.05
④	7.09	7.08	7.08	7.07	7.06	7.06	7.05	7.05
⑤	4.05	4.05	4.04	4.04	4.03	4.03	4.02	4.02

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

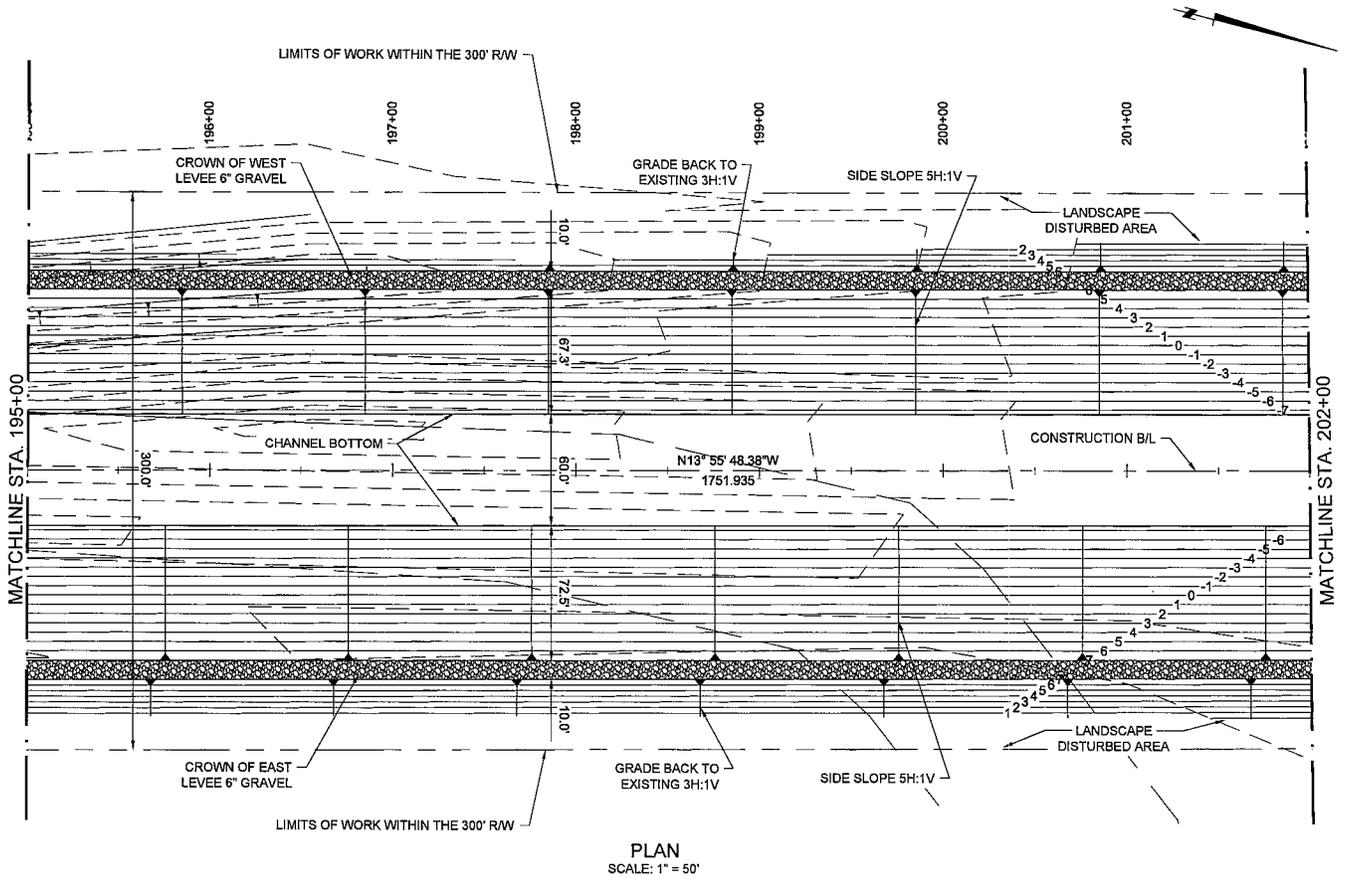
PLAN AND PROFILE

DRAWN BY: APO

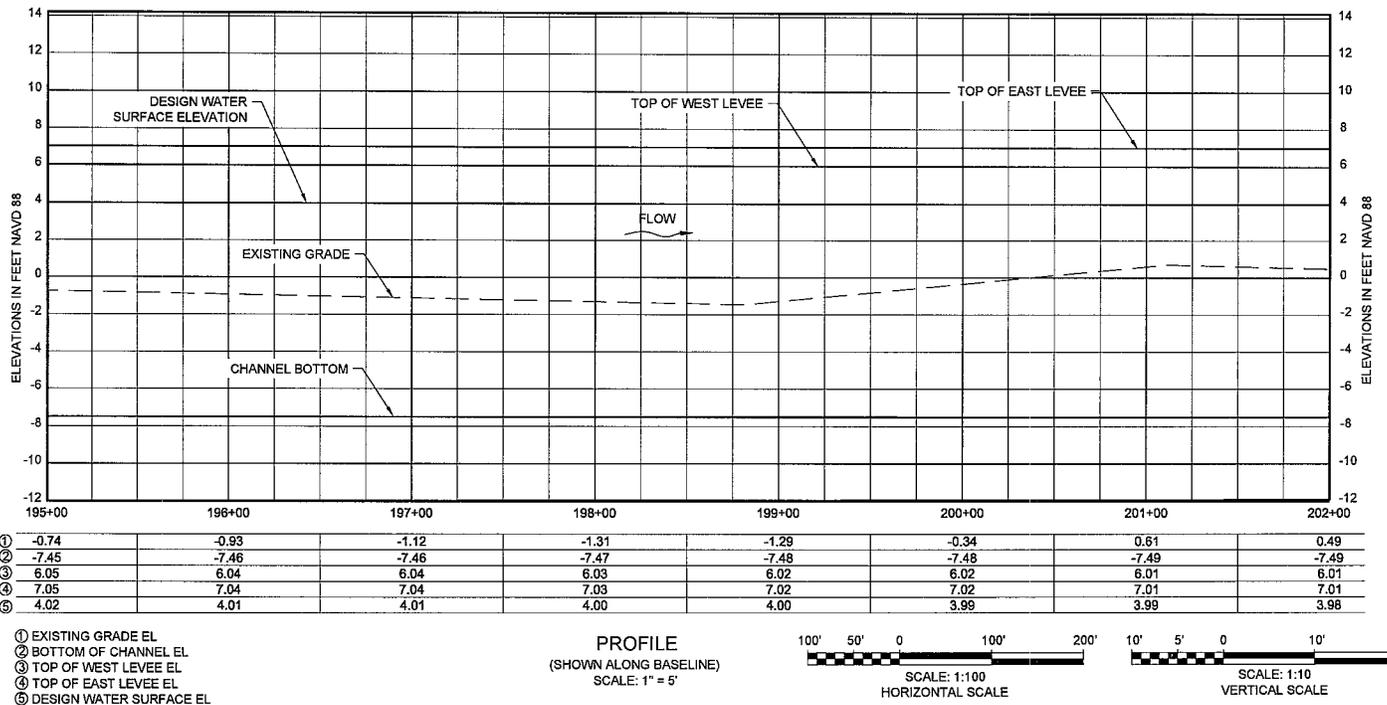
DESIGNED BY: CL

SHEET NO.

CC-5.23



PLAN
SCALE: 1" = 50'



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COASTAL PROTECTION AND
RESTORATION AUTHORITY
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BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

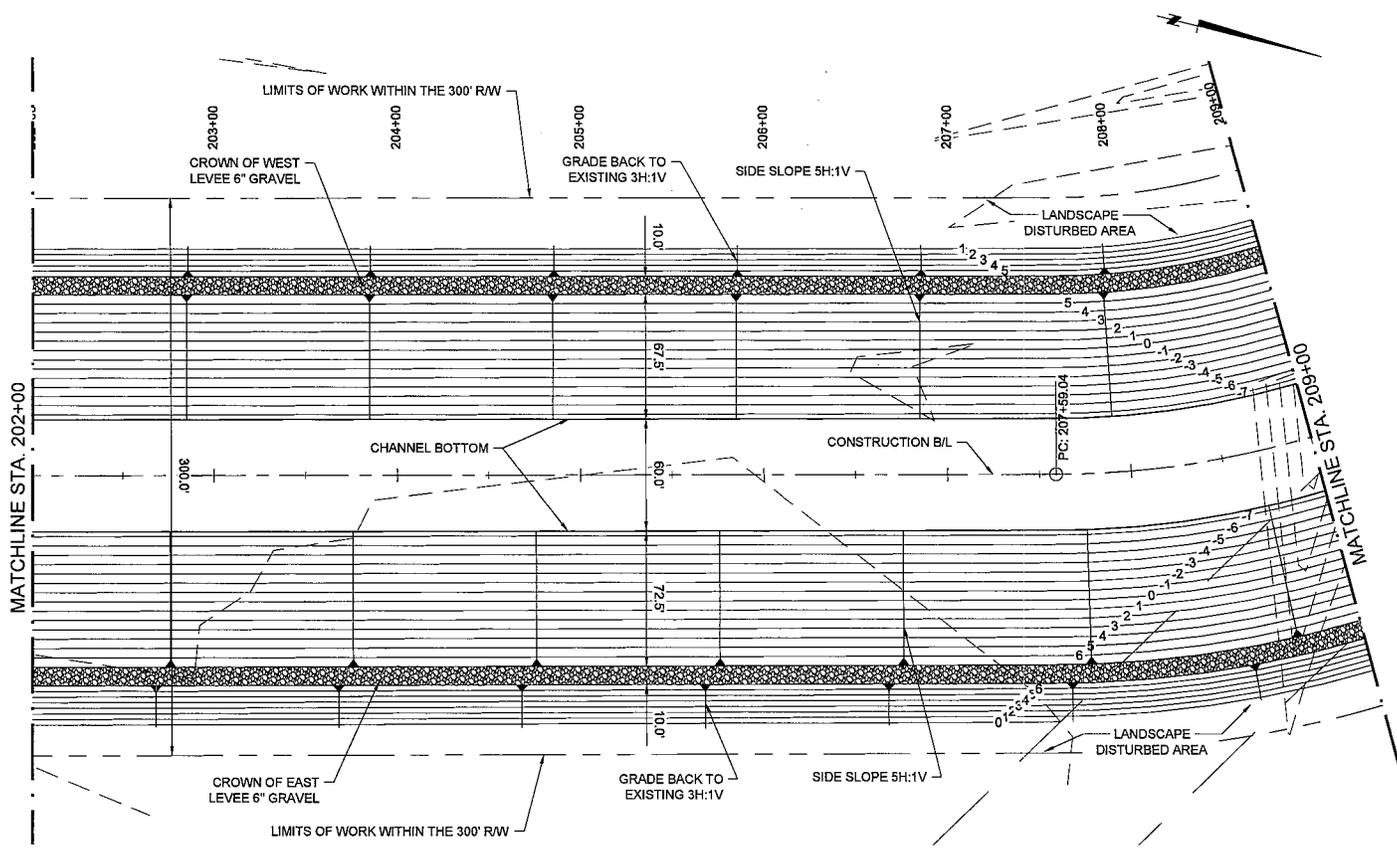
PLAN AND PROFILE

DRAWN BY: APO

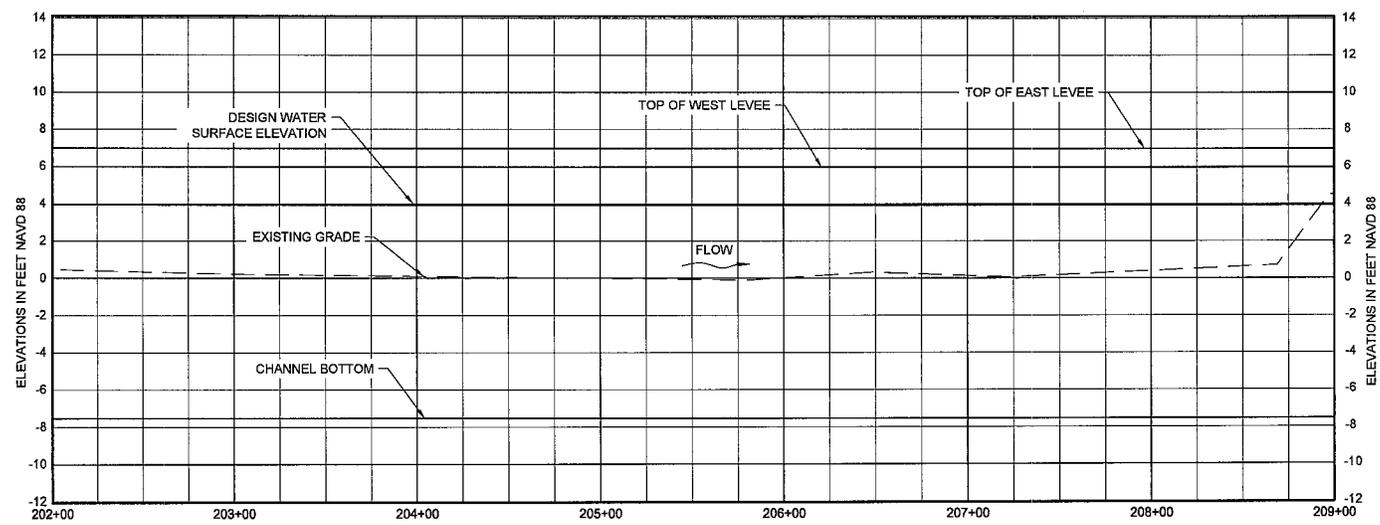
DESIGNED BY: CL

SHEET NO.

CC-5.24



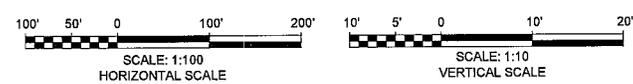
PLAN
SCALE: 1" = 50'



	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00
①	0.49	0.24	0.12	0.00	0.03	0.15	0.42	4.56
②	-7.49	-7.50	-7.50	-7.51	-7.52	-7.52	-7.53	-7.53
③	6.01	6.00	6.00	5.99	5.98	5.98	5.97	5.97
④	7.01	7.00	7.00	6.99	6.98	6.98	6.97	6.97
⑤	3.98	3.98	3.97	3.97	3.96	3.96	3.95	3.95

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



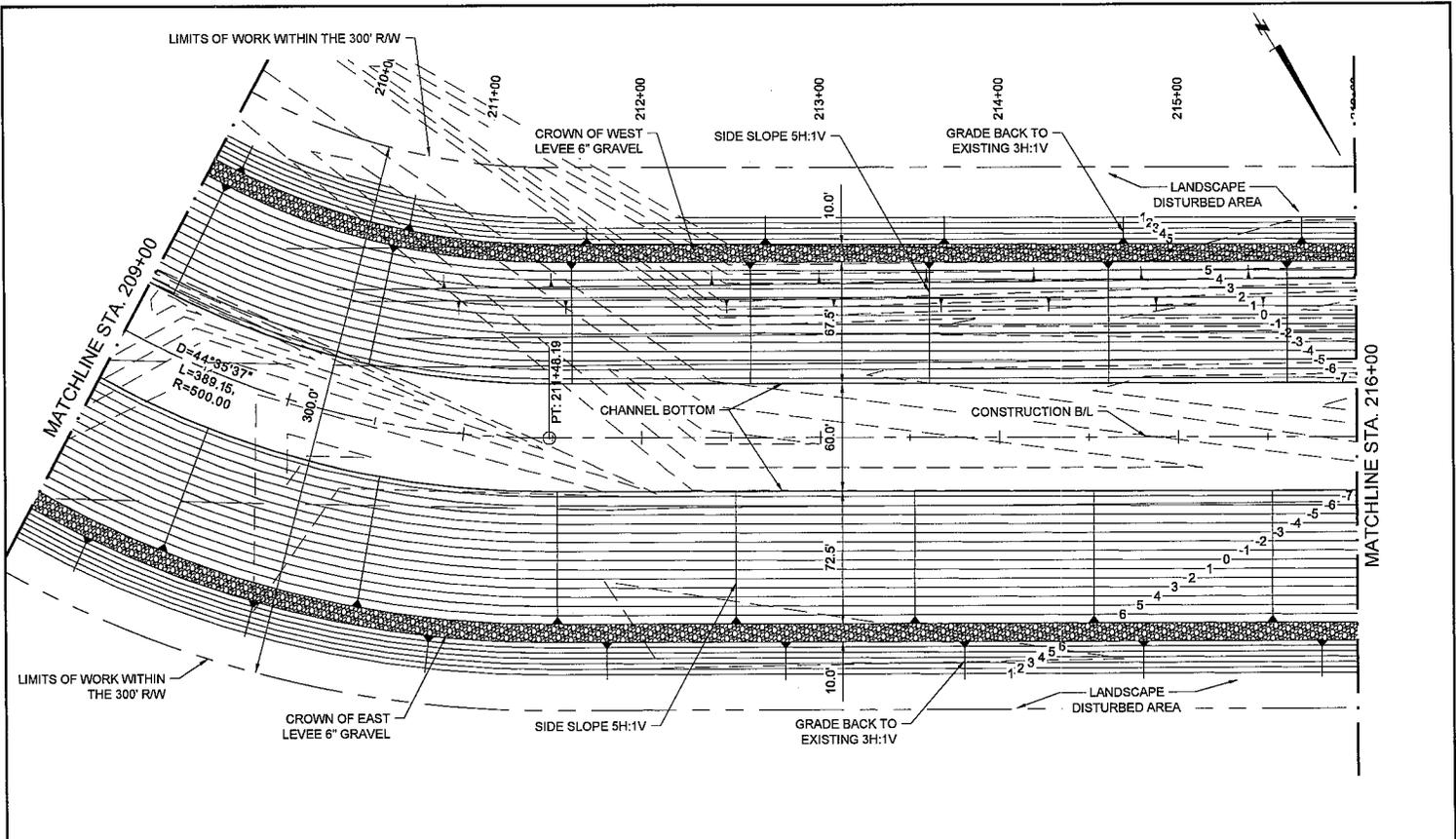
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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

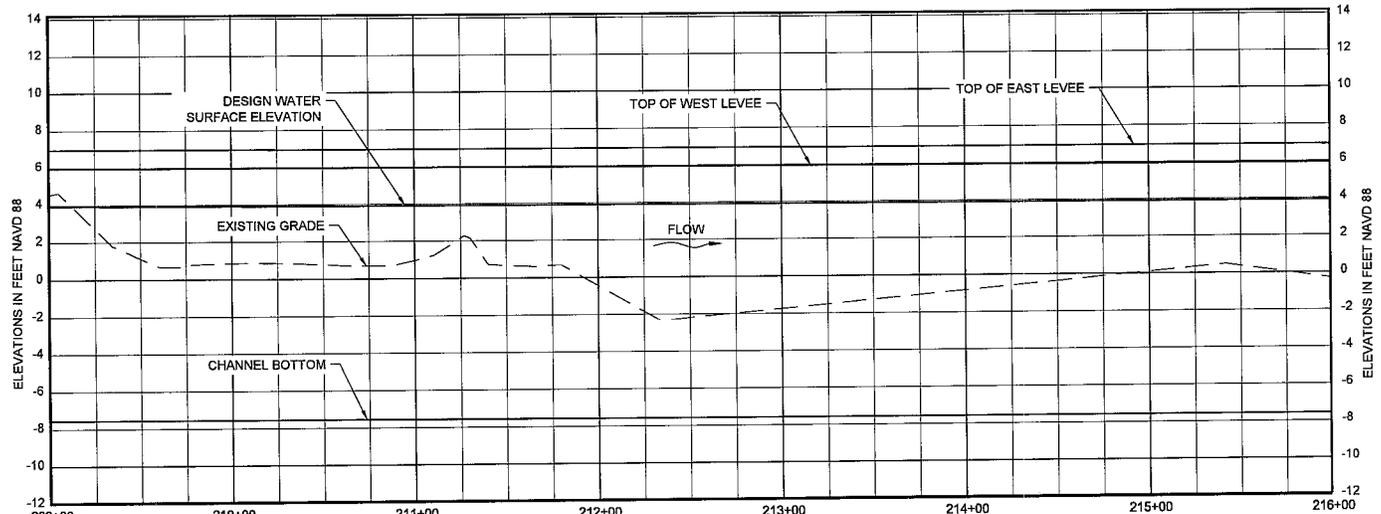
RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA
PROJECT NUMBER: 10001877
PLAN AND PROFILE
SHEET NO. CC-5.25

DRAWN BY: APO

DESIGNED BY: CL



PLAN
SCALE: 1" = 50'



	209+00	210+00	211+00	212+00	213+00	214+00	215+00	216+00
①	4.56	0.87	0.98	-0.44	-1.73	-0.81	0.11	-0.30
②	-7.53	-7.54	-7.55	-7.56	-7.56	-7.57	-7.57	-7.57
③	5.97	5.96	5.95	5.95	5.94	5.94	5.93	5.93
④	6.97	6.96	6.95	6.95	6.94	6.94	6.93	6.93
⑤	3.95	3.94	3.94	3.93	3.93	3.93	3.92	3.92

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

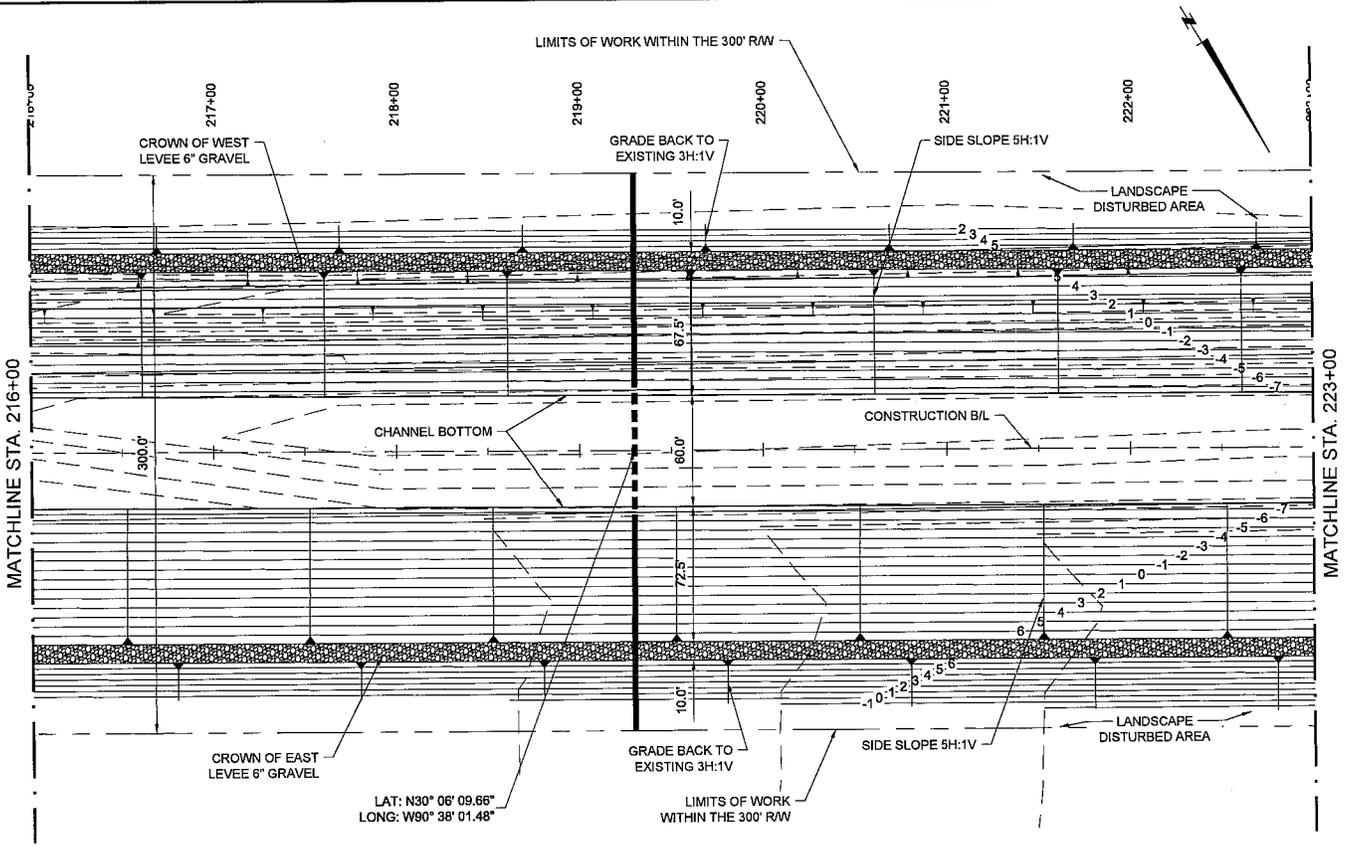
PLAN AND PROFILE

DRAWN BY: APO

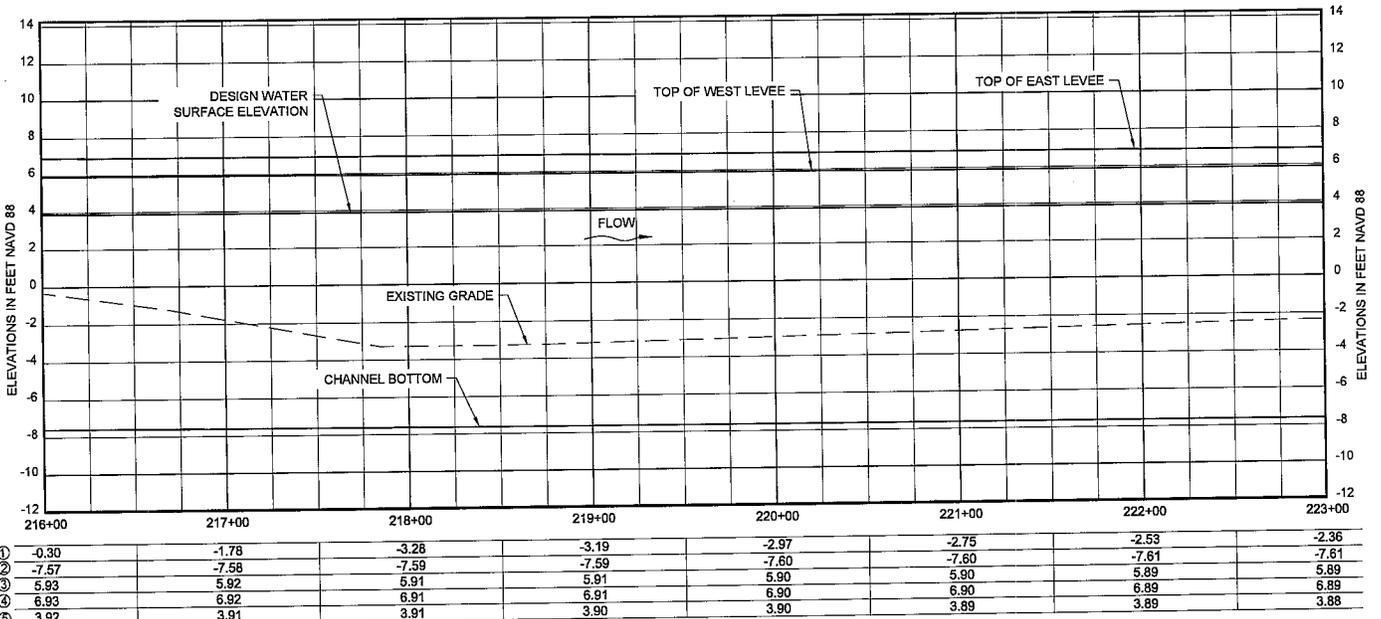
DESIGNED BY: CL

SHEET NO.

CC-5.26



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

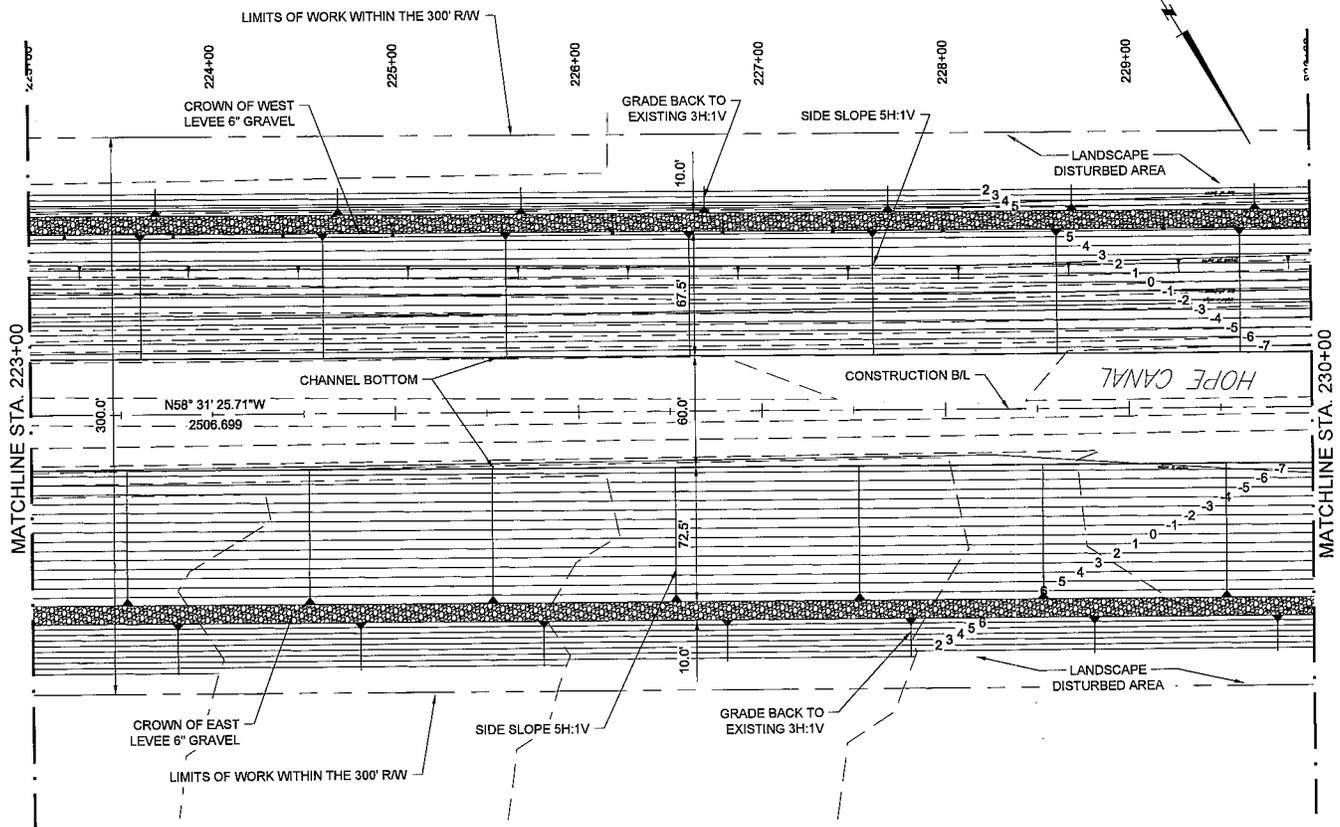
PLAN AND PROFILE

DRAWN BY: APO

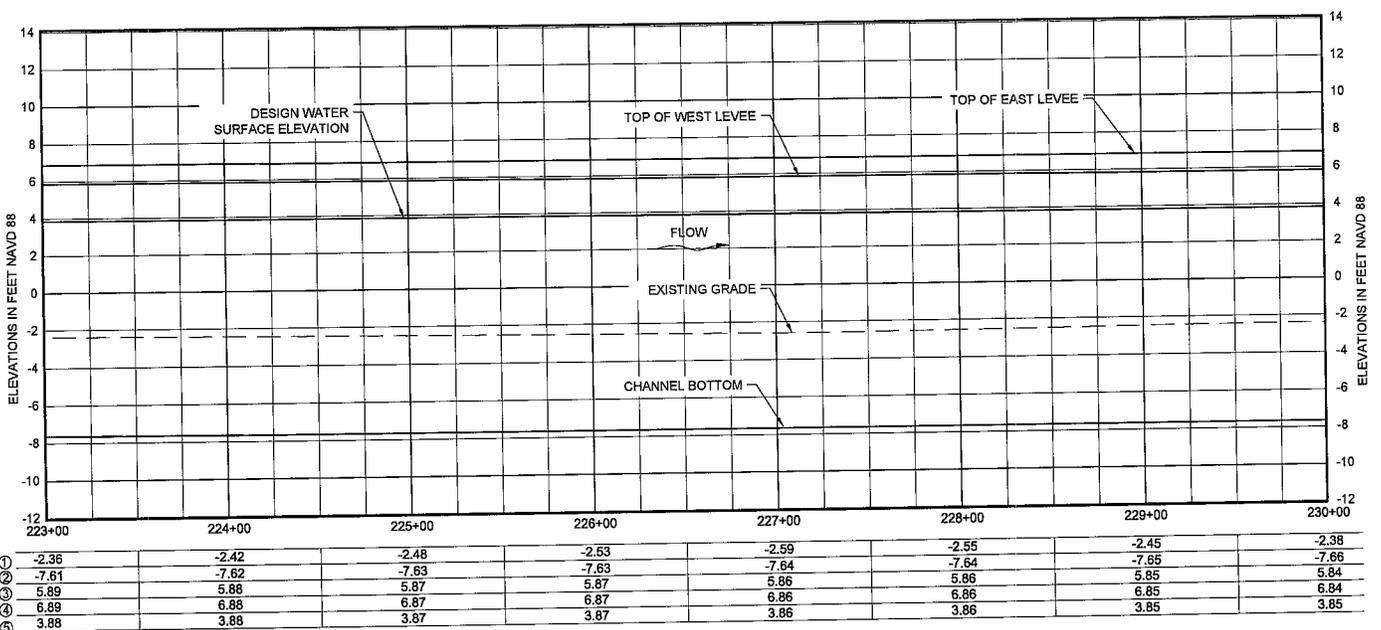
DESIGNED BY: CL

SHEET NO.

CC-5.27



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'

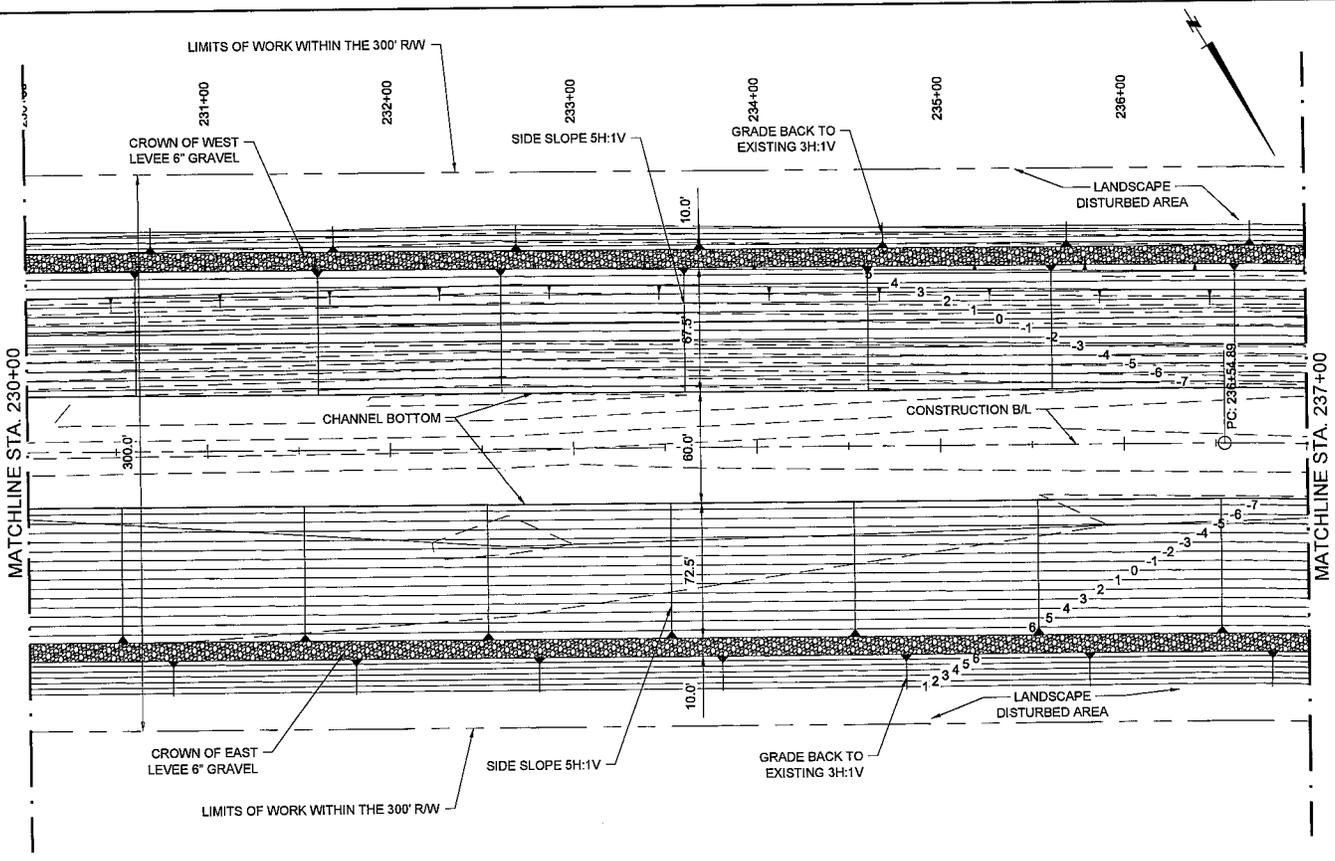


COASTAL PROTECTION AND RESTORATION AUTHORITY
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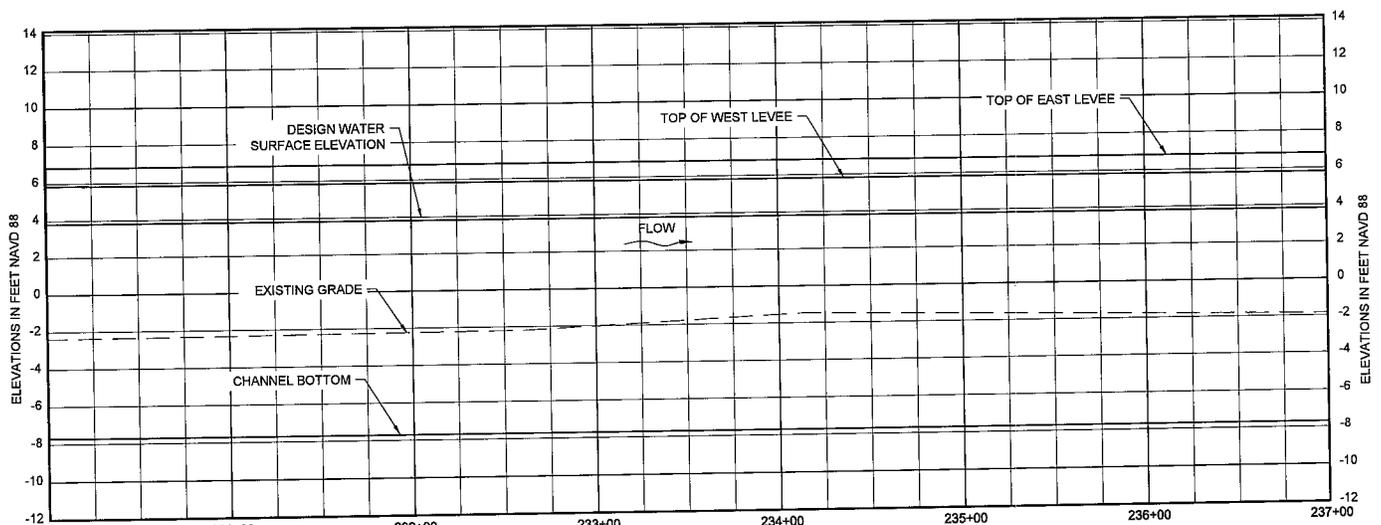
RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA
PROJECT NUMBER: 10001877
PLAN AND PROFILE
SHEET NO. CC-5.28

DRAWN BY: APO

DESIGNED BY: CL



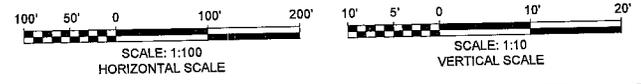
PLAN
SCALE: 1" = 50'



	230+00	231+00	232+00	233+00	234+00	235+00	236+00	237+00
①	-2.38	-2.31	-2.24	-2.01	-1.53	-1.60	-1.75	-1.87
②	-7.66	-7.66	-7.67	-7.67	-7.68	-7.68	-7.69	-7.70
③	5.84	5.84	5.83	5.83	5.82	5.82	5.81	5.80
④	6.84	6.84	6.83	6.83	6.82	6.82	6.81	6.80
⑤	3.85	3.84	3.84	3.83	3.83	3.82	3.82	3.81

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

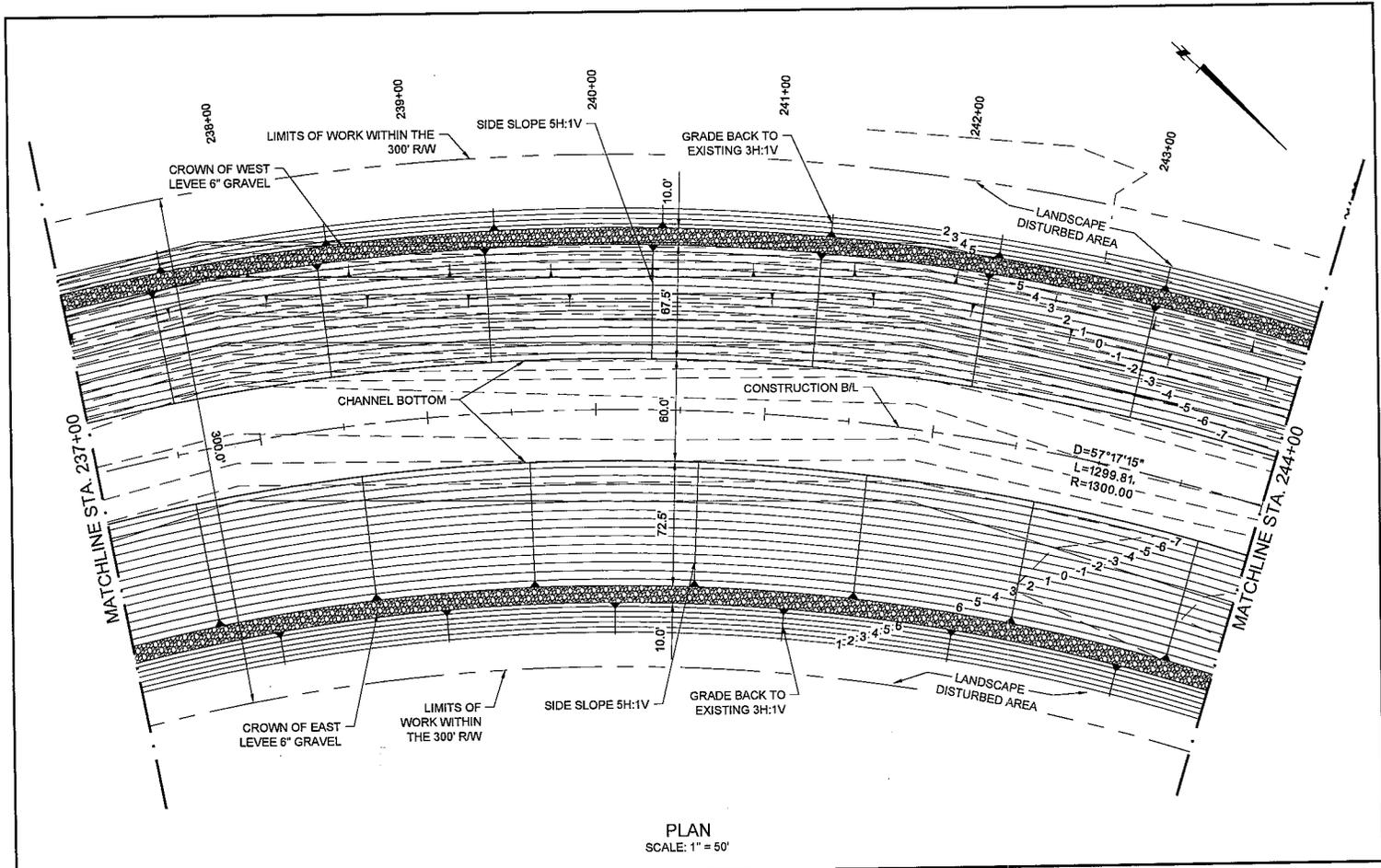
PLAN AND PROFILE

DRAWN BY: APO

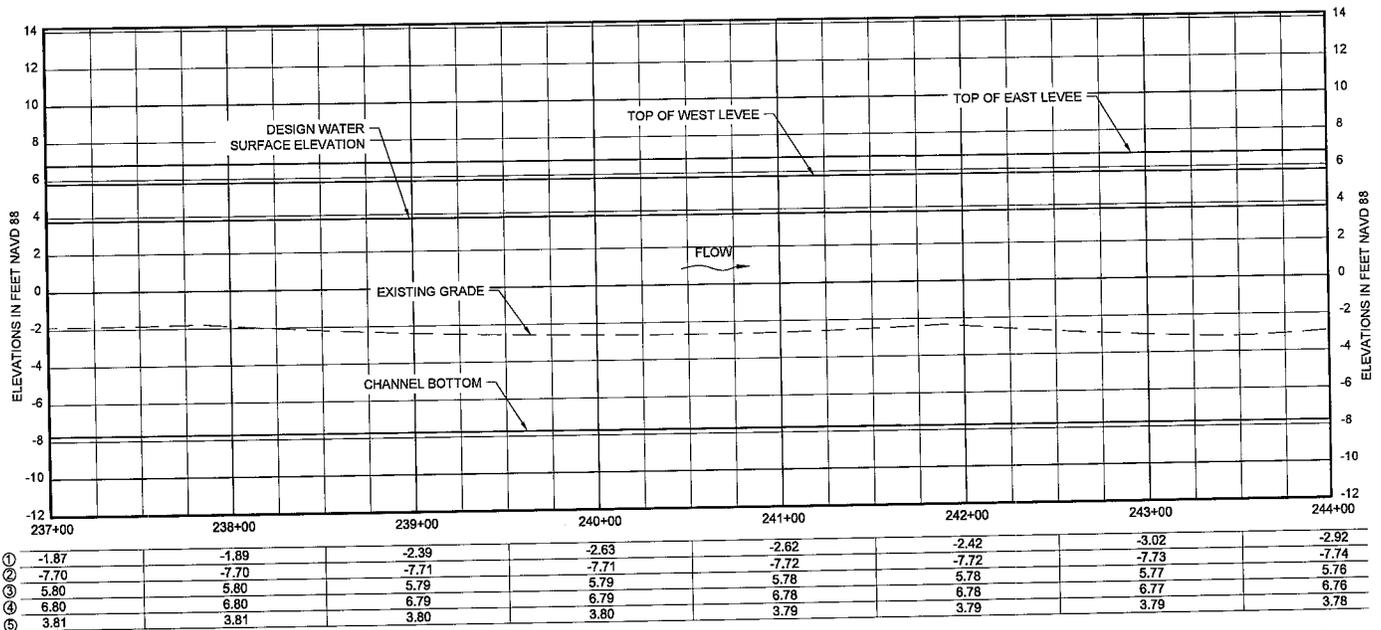
DESIGNED BY: CL

SHEET NO.

CC-5.29



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

URS
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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

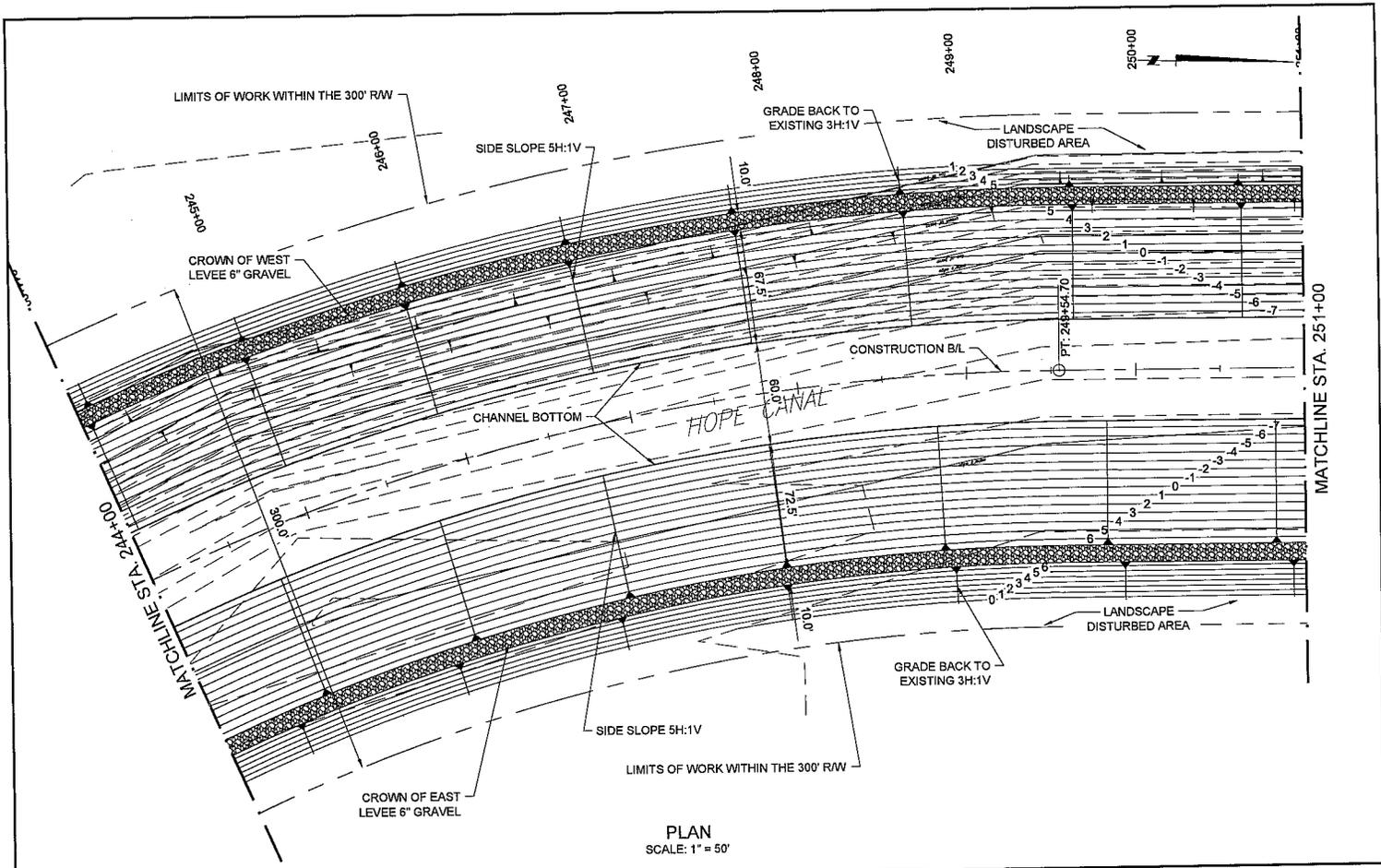
PLAN AND PROFILE

DRAWN BY: APO

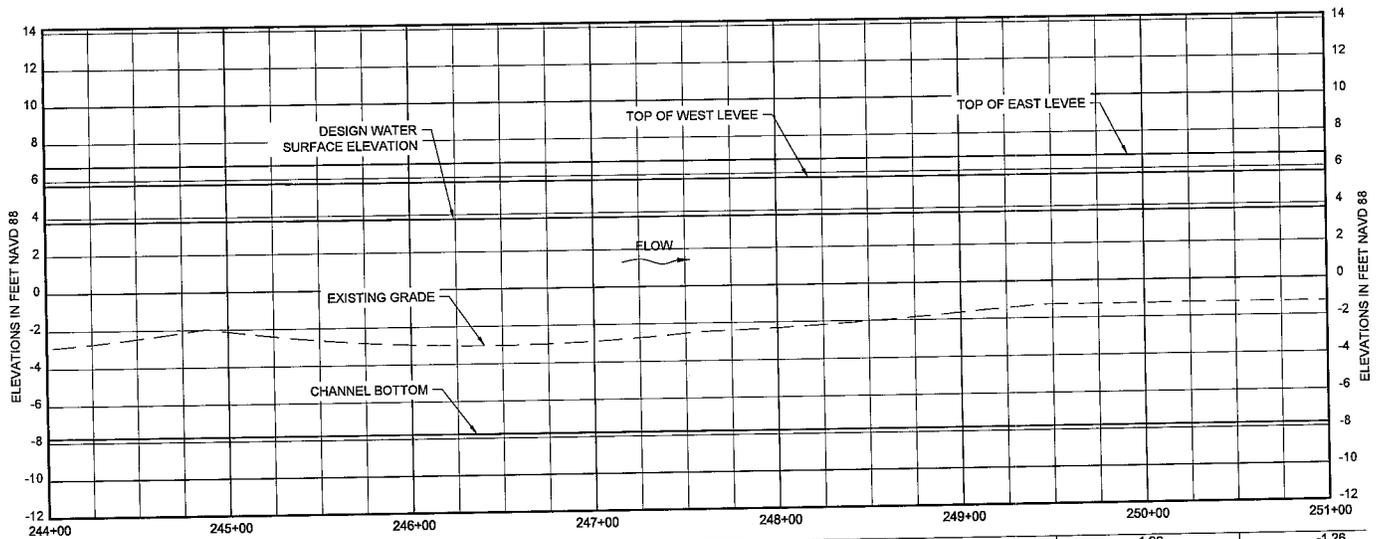
DESIGNED BY: CL

SHEET NO.

CC-5.30

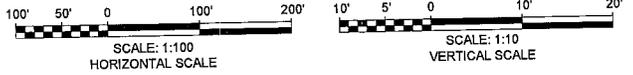


PLAN
SCALE: 1" = 50'



Station	244+00	245+00	246+00	247+00	248+00	249+00	250+00	251+00
①	-2.92	-2.12	-2.94	-2.88	-2.31	-1.63	-1.26	-1.26
②	-7.74	-7.74	-7.75	-7.75	-7.76	-7.77	-7.77	-7.78
③	5.76	5.76	5.75	5.75	5.74	5.73	5.73	5.72
④	6.76	6.76	6.75	6.75	6.74	6.73	6.73	6.72
⑤	3.78	3.78	3.77	3.77	3.76	3.76	3.75	3.75

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

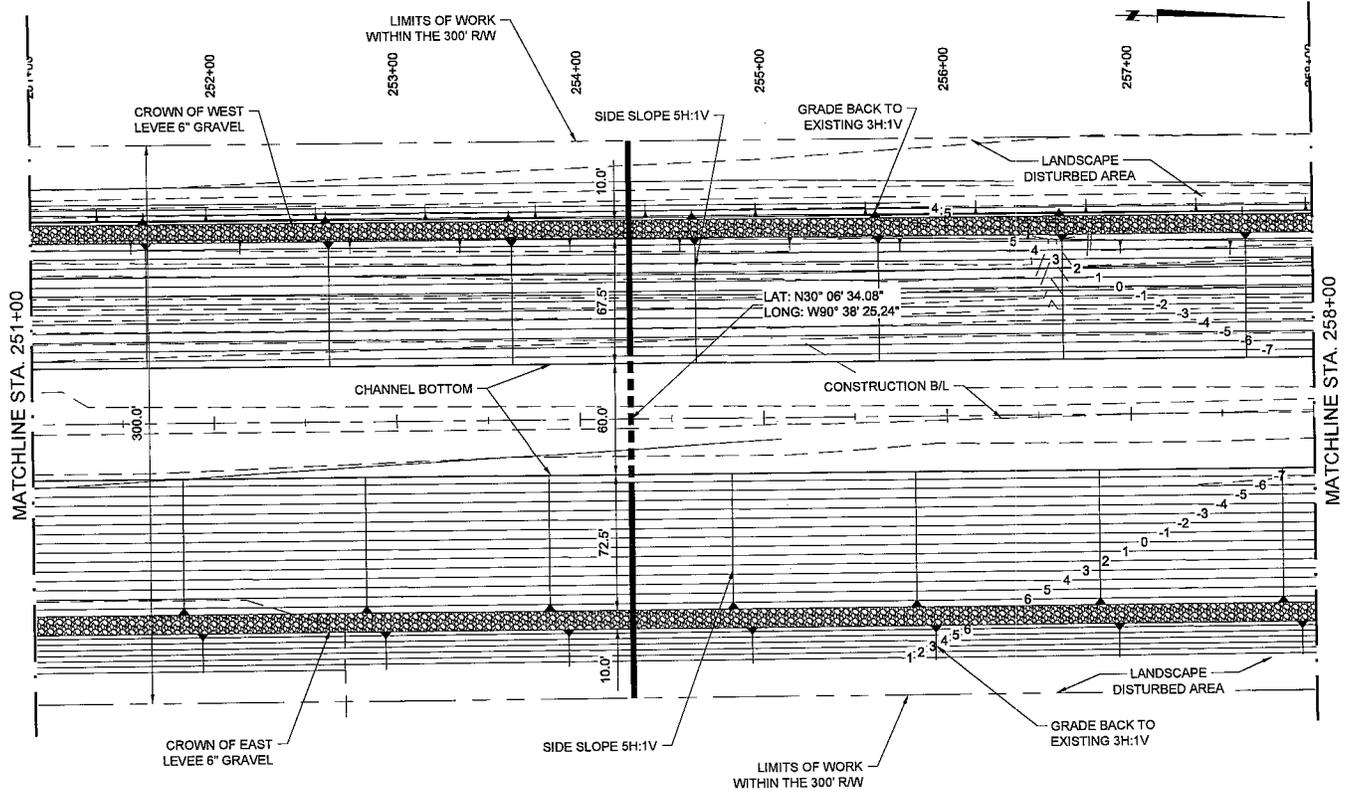
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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

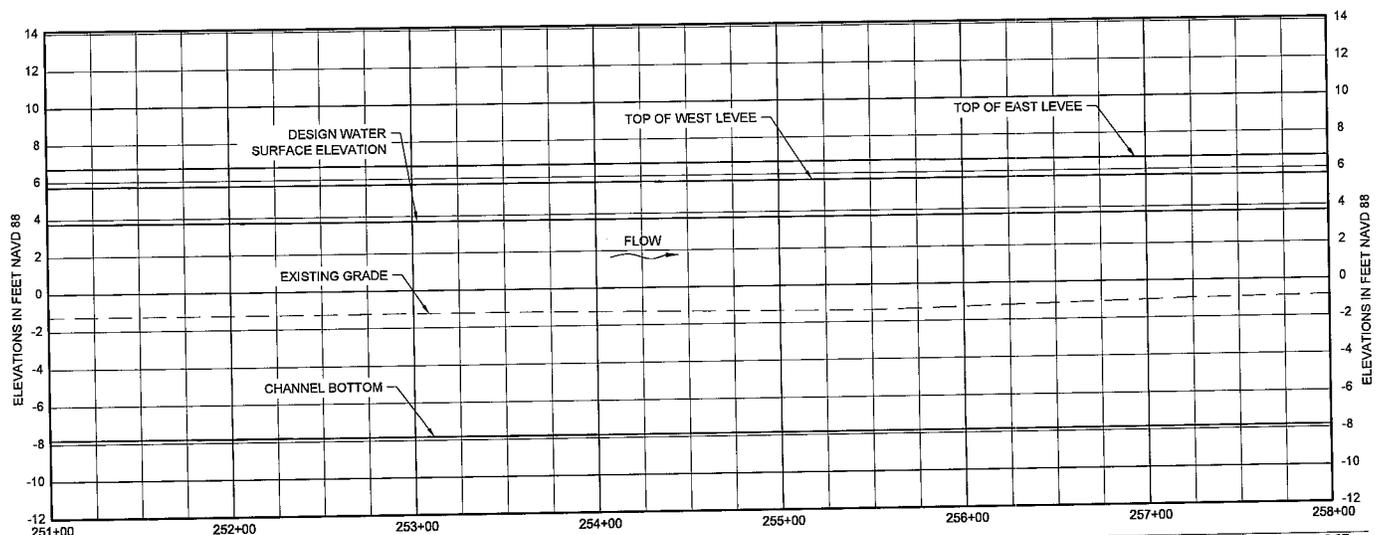
**RIVER REINTRODUCTION
INTO MAUREPAS SWAMP**
ST. JOHN THE BAPTIST PARISH, LOUISIANA
PROJECT NUMBER: 10001877
PLAN AND PROFILE
SHEET NO. CC-5.31

DRAWN BY: APO

DESIGNED BY: CL

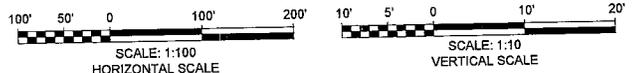


PLAN
SCALE: 1" = 50'



Station	251+00	252+00	253+00	254+00	255+00	256+00	257+00	258+00
①	-1.26	-1.25	-1.25	-1.26	-1.34	-1.26	-1.03	-0.87
②	-7.78	-7.78	-7.79	-7.80	-7.81	-7.81	-7.82	-7.82
③	5.72	5.72	5.71	5.71	5.70	5.69	5.69	5.68
④	6.72	6.72	6.71	6.71	6.70	6.69	6.69	6.68
⑤	3.75	3.74	3.74	3.73	3.73	3.72	3.72	3.71

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

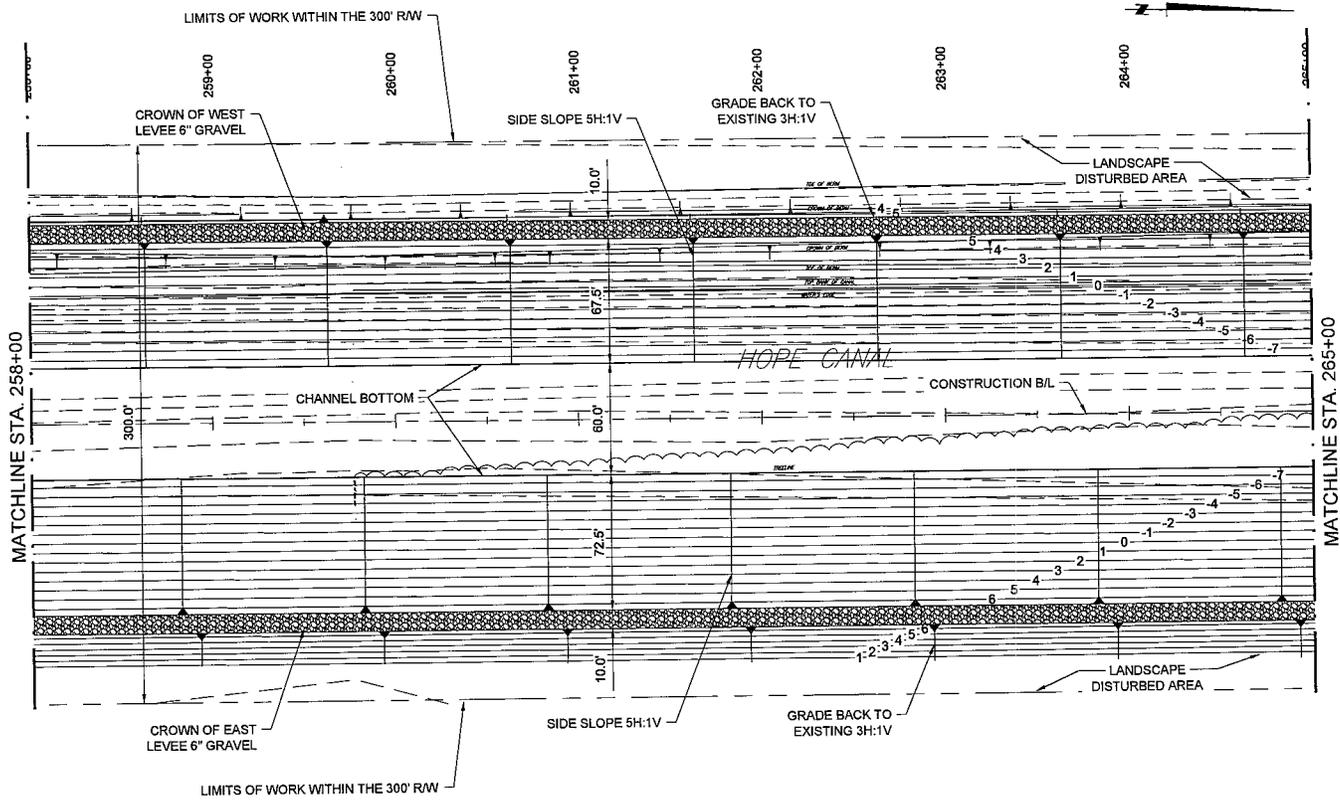
PLAN AND PROFILE

DRAWN BY: APO

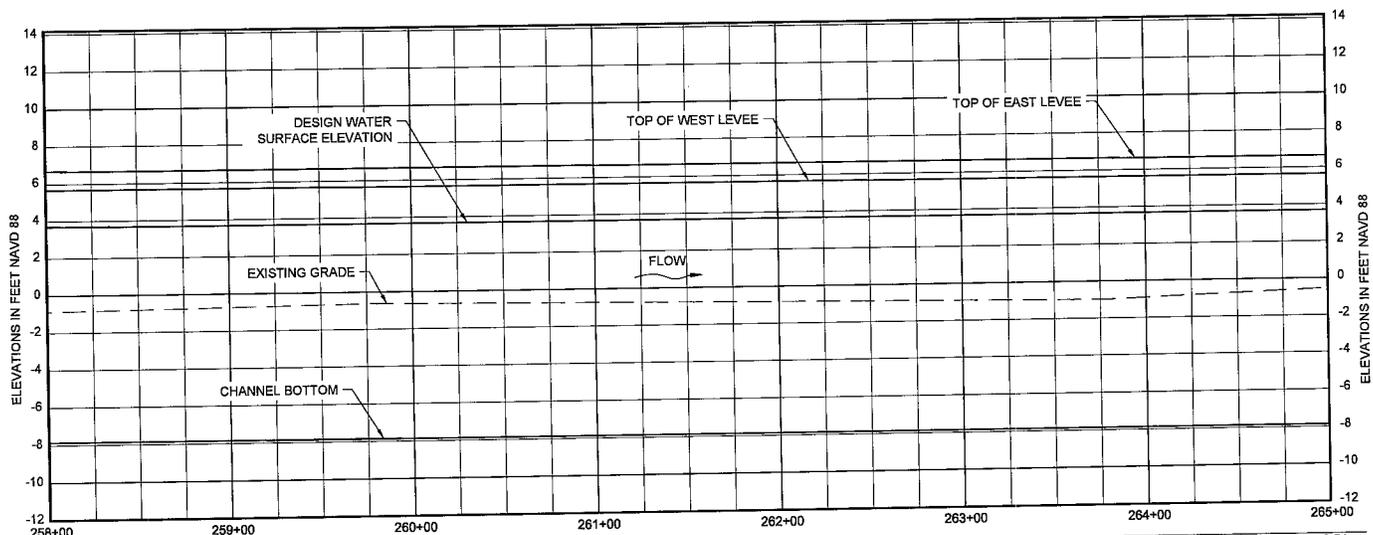
DESIGNED BY: CL

SHEET NO.

CC-5.32



PLAN
SCALE: 1" = 50'



	258+00	259+00	260+00	261+00	262+00	263+00	264+00	265+00
①	-0.87	-0.73	-0.64	-0.73	-0.83	-0.92	-0.91	-0.54
②	-7.82	-7.82	-7.83	-7.83	-7.84	-7.85	-7.85	-7.86
③	5.68	5.68	5.67	5.67	5.66	5.65	5.65	5.64
④	6.68	6.68	6.67	6.67	6.66	6.65	6.65	6.64
⑤	3.71	3.71	3.70	3.70	3.69	3.69	3.68	3.68

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL



COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

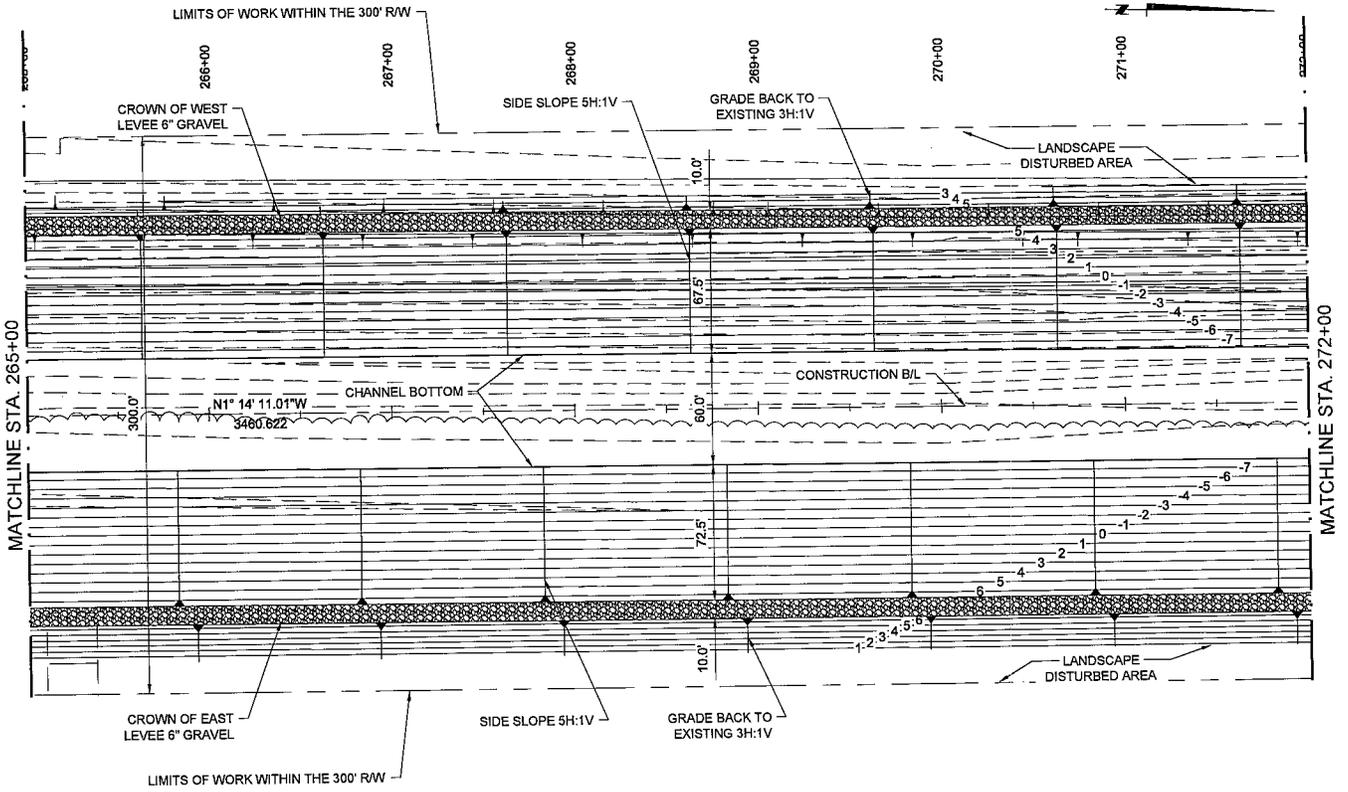
PLAN AND PROFILE

DRAWN BY: APO

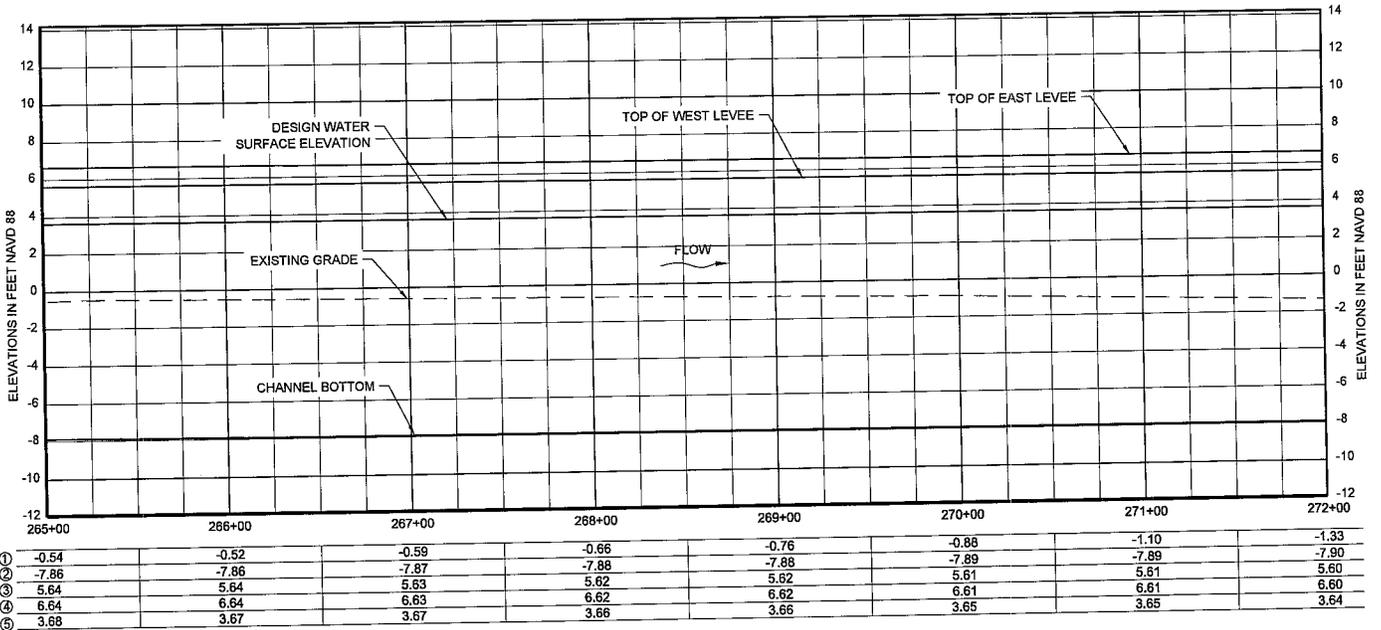
DESIGNED BY: CL

SHEET NO.

CC-5.33

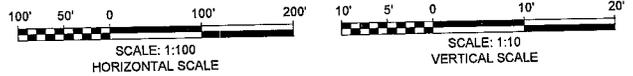


PLAN
SCALE: 1" = 50'



	265+00	266+00	267+00	268+00	269+00	270+00	271+00	272+00
①	-0.54	-0.52	-0.59	-0.66	-0.76	-0.88	-1.10	-1.33
②	-7.86	-7.86	-7.87	-7.88	-7.88	-7.89	-7.89	-7.90
③	5.64	5.64	5.63	5.62	5.62	5.61	5.61	5.60
④	6.64	6.64	6.63	6.62	6.62	6.61	6.61	6.60
⑤	3.68	3.67	3.67	3.66	3.66	3.65	3.65	3.64

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

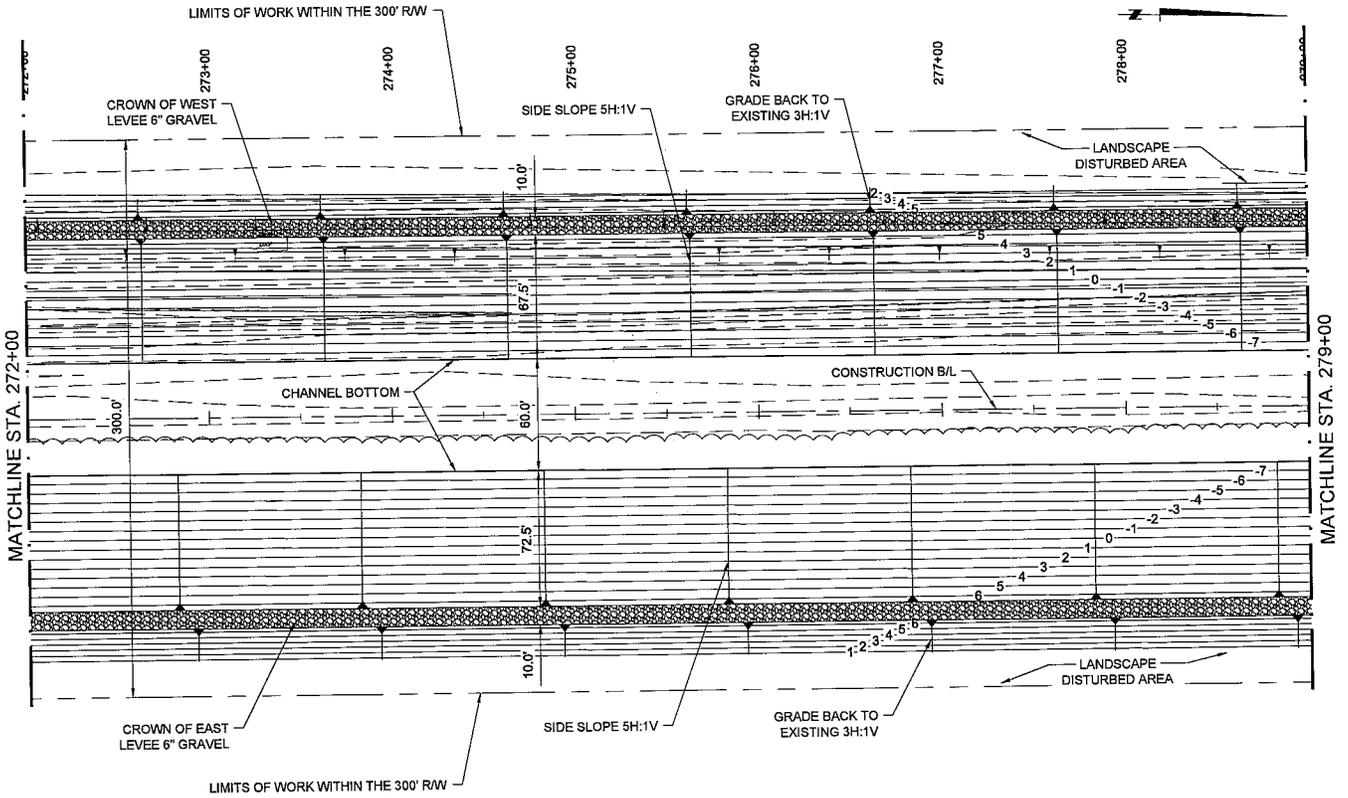
PLAN AND PROFILE

DRAWN BY: APO

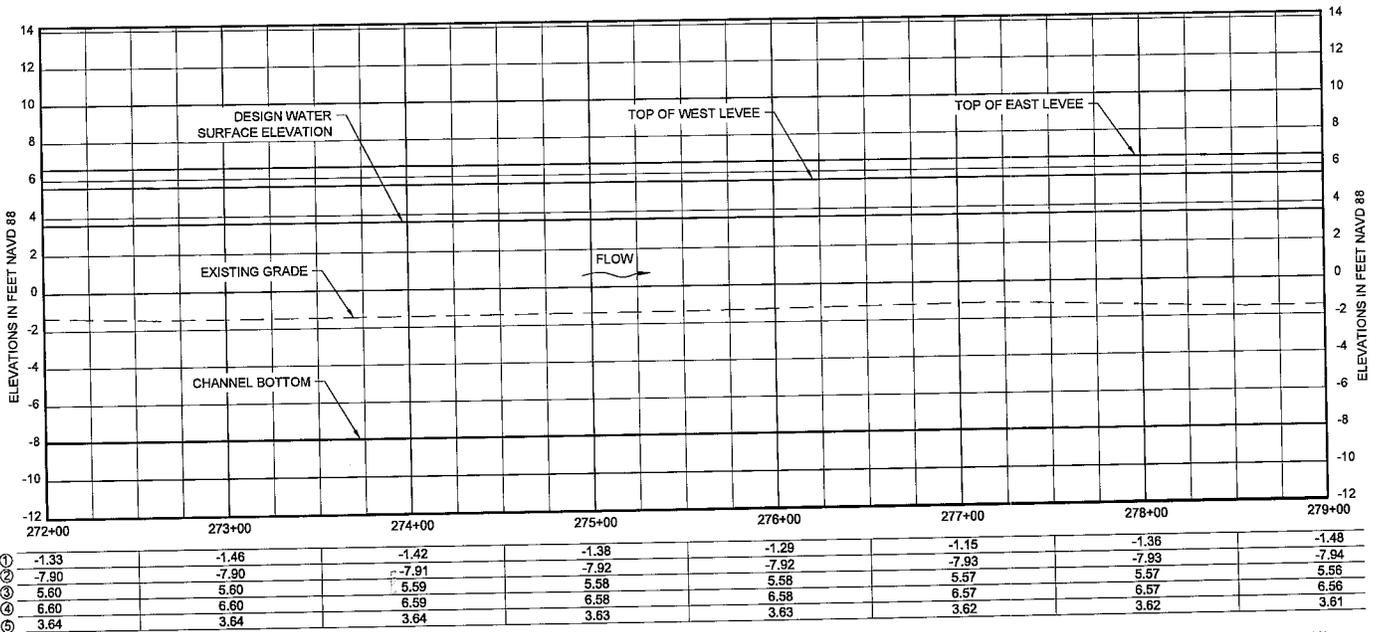
DESIGNED BY: CL

SHEET NO.

CC-5.34

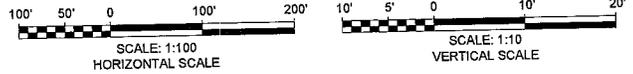


PLAN
SCALE: 1" = 50'



Station	272+00	273+00	274+00	275+00	276+00	277+00	278+00	279+00
①	-1.33	-1.46	-1.42	-1.38	-1.29	-1.15	-1.36	-1.48
②	-7.90	-7.90	-7.91	-7.92	-7.92	-7.93	-7.93	-7.94
③	5.60	5.60	5.59	5.58	5.58	5.57	5.57	5.56
④	6.60	6.60	6.59	6.58	6.58	6.57	6.57	6.56
⑤	3.64	3.64	3.64	3.63	3.63	3.62	3.62	3.61

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL



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COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

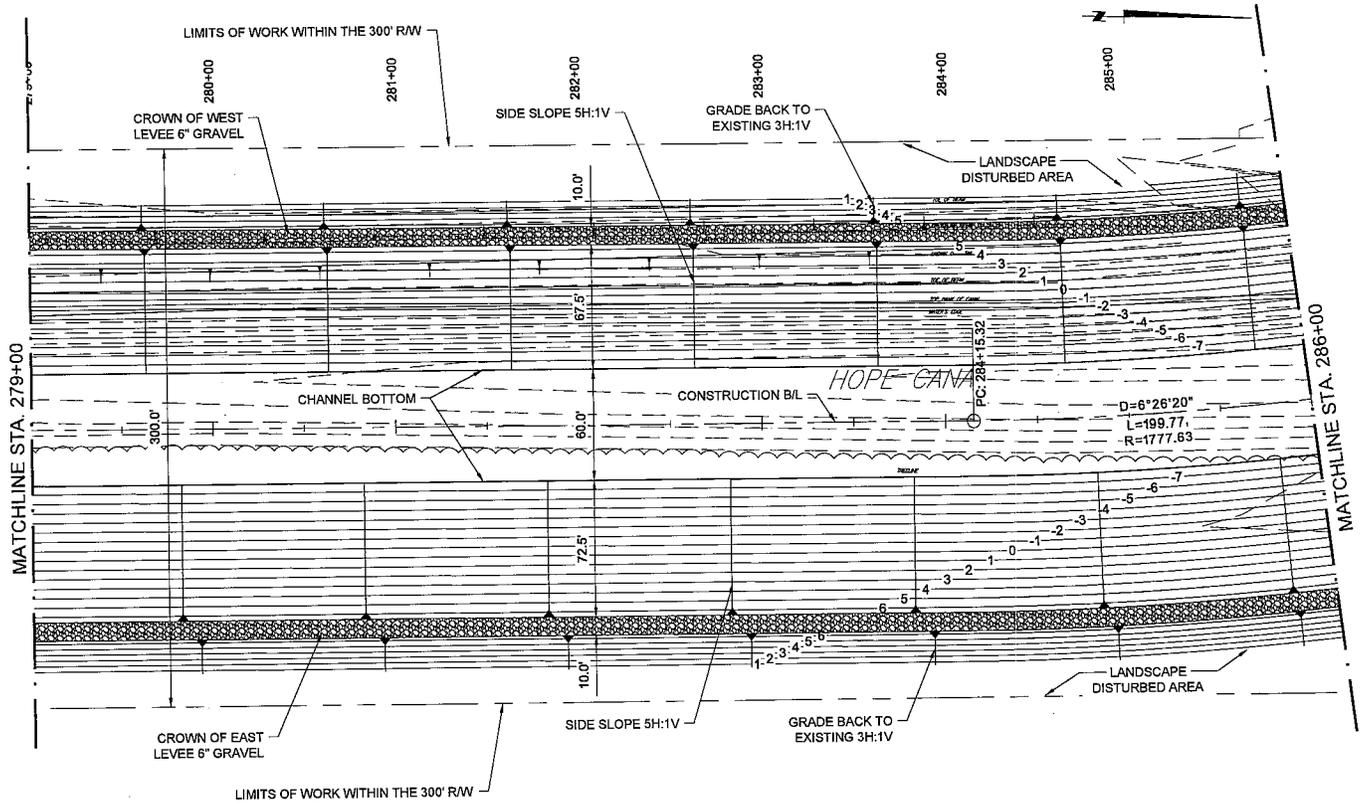
PLAN AND PROFILE

DRAWN BY: APO

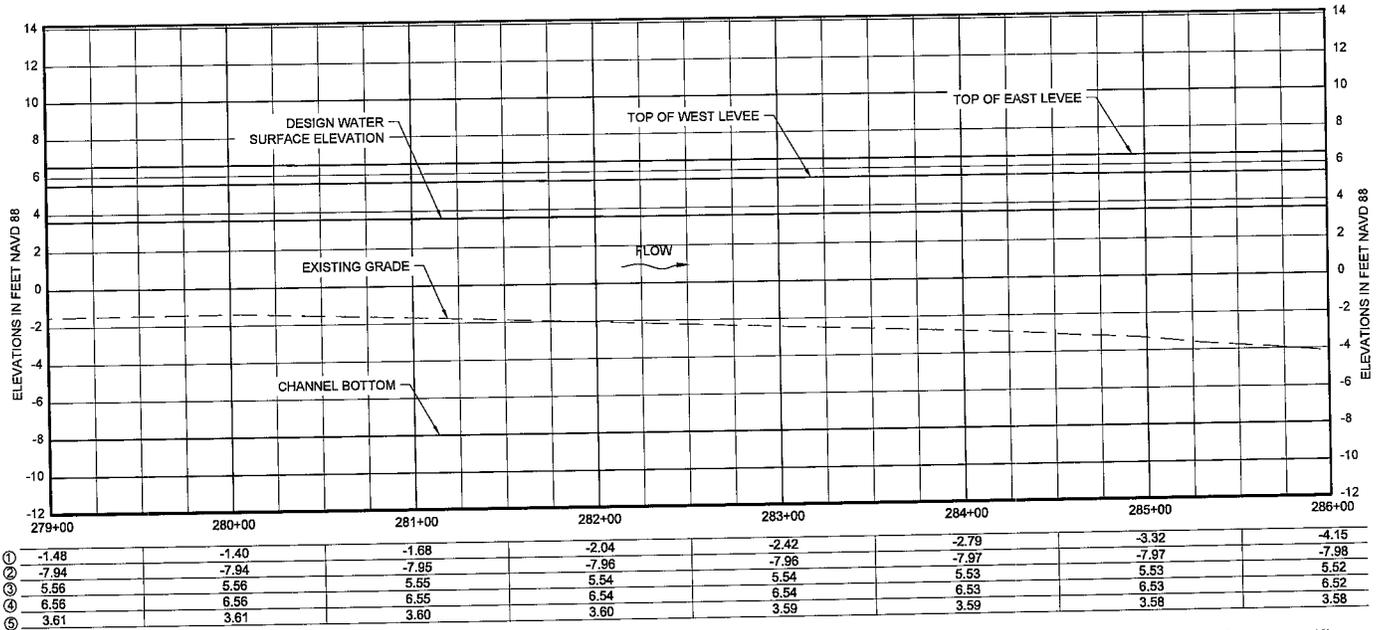
DESIGNED BY: CL

SHEET NO.

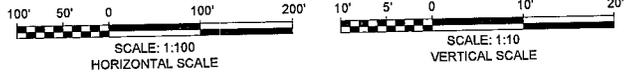
CC-5.35



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



Station	279+00	280+00	281+00	282+00	283+00	284+00	285+00	286+00
①	-1.48	-1.40	-1.68	-2.04	-2.42	-2.79	-3.32	-4.15
②	-7.94	-7.94	-7.95	-7.96	-7.96	-7.97	-7.97	-7.98
③	5.56	5.56	5.55	5.54	5.54	5.53	5.53	5.52
④	6.56	6.56	6.55	6.54	6.54	6.53	6.53	6.52
⑤	3.61	3.61	3.60	3.60	3.59	3.59	3.58	3.58

- ① EXISTING GRADE EL
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

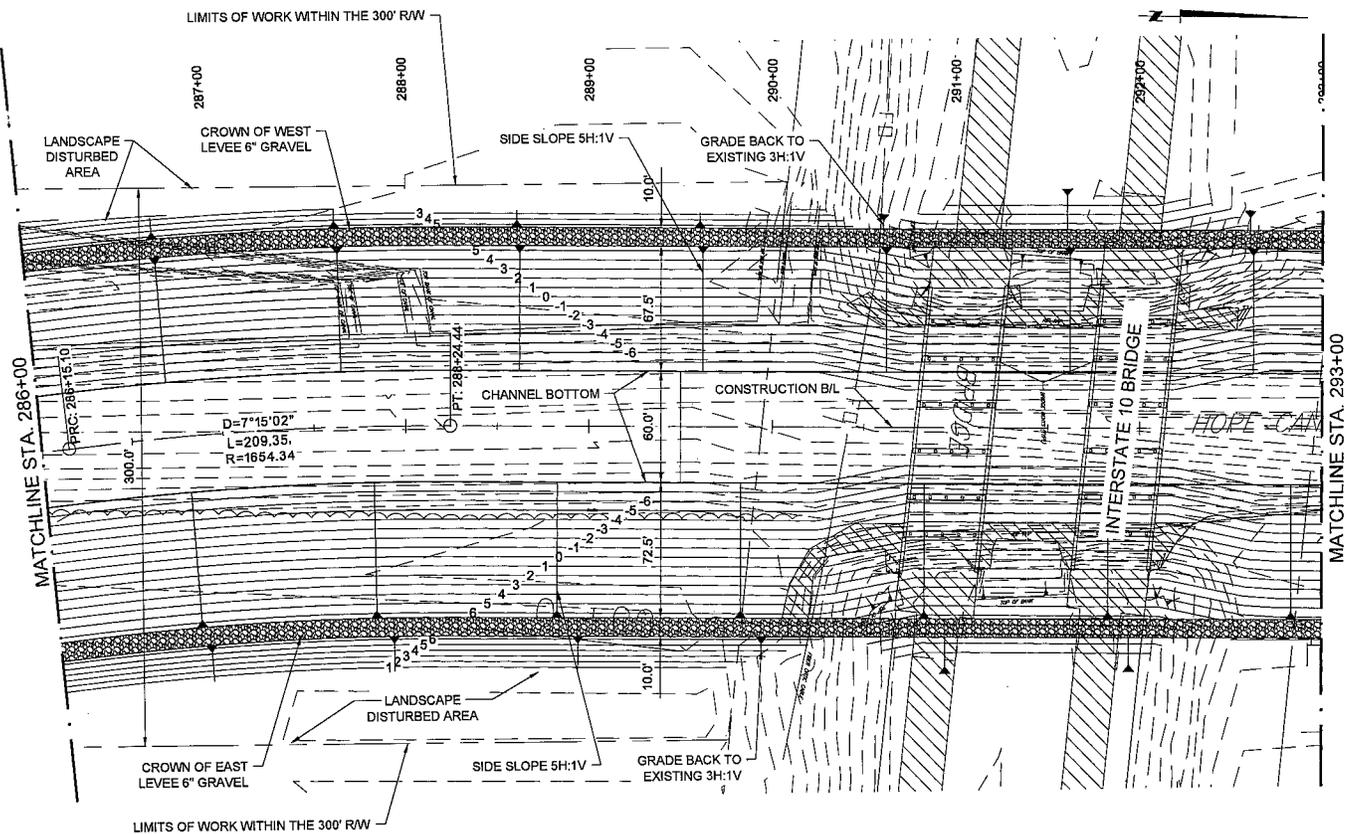
PLAN AND PROFILE

DRAWN BY: APO

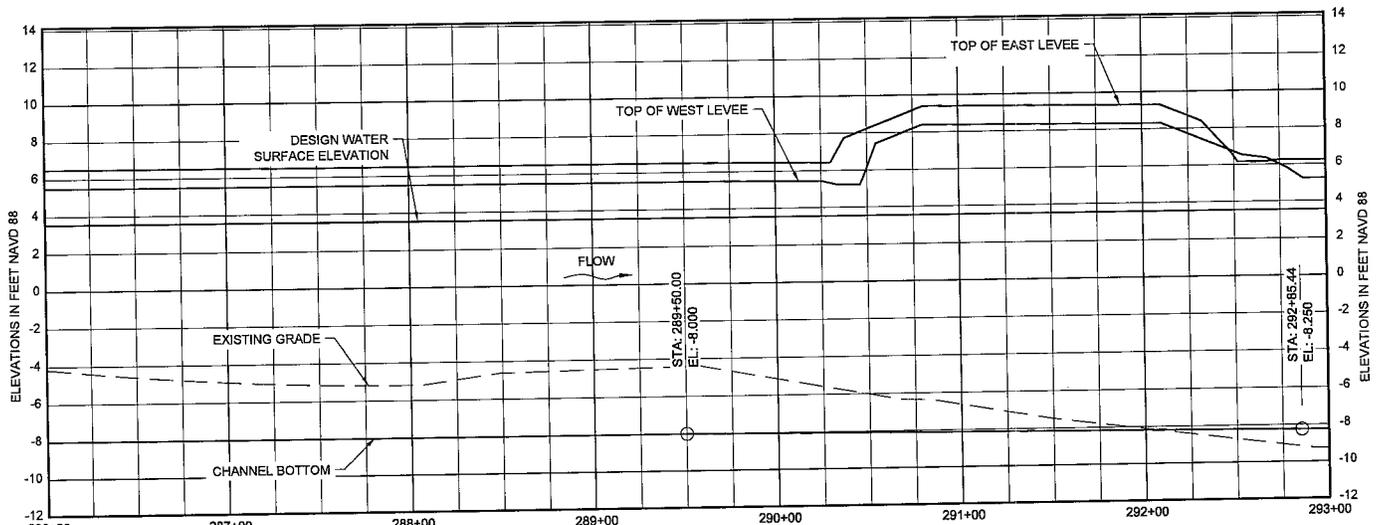
DESIGNED BY: CL

SHEET NO.

CC-5.36

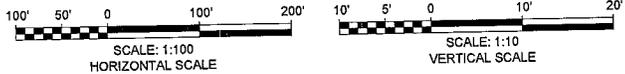


PLAN
SCALE: 1" = 50'



①	-4.15	-4.92	-5.18	-4.50	-5.13	-6.65	-8.11	-9.26
②	-7.98	-7.99	-7.99	-8.00	-8.04	-8.11	-8.19	-8.25
③	5.52	5.51	5.51	5.50	5.46	5.39	5.31	5.25
④	6.52	6.51	6.51	6.50	6.46	6.39	6.31	6.25
⑤	3.58	3.57	3.57	3.56	3.56	3.55	3.55	3.54

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
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COASTAL PROTECTION AND RESTORATION AUTHORITY
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BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

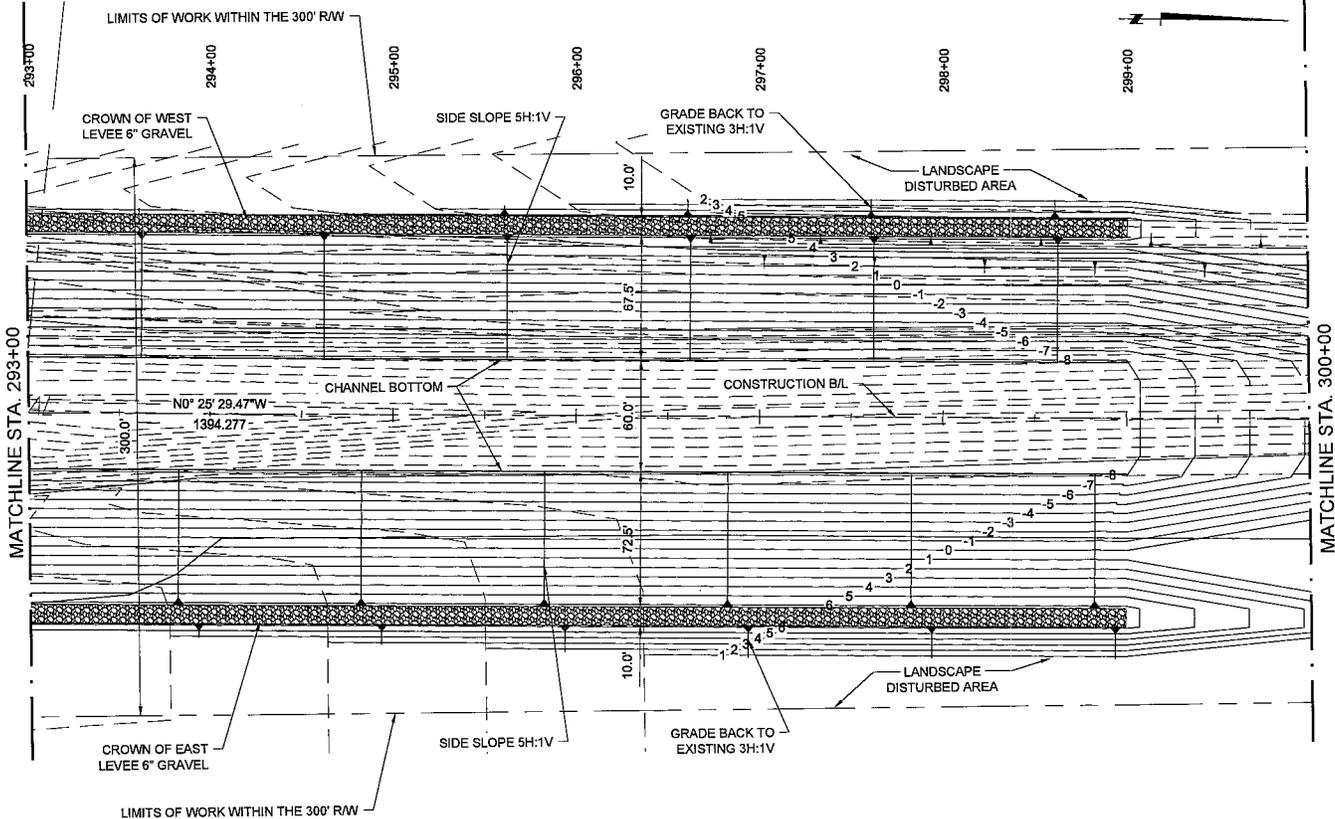
PLAN AND PROFILE

DRAWN BY: APO

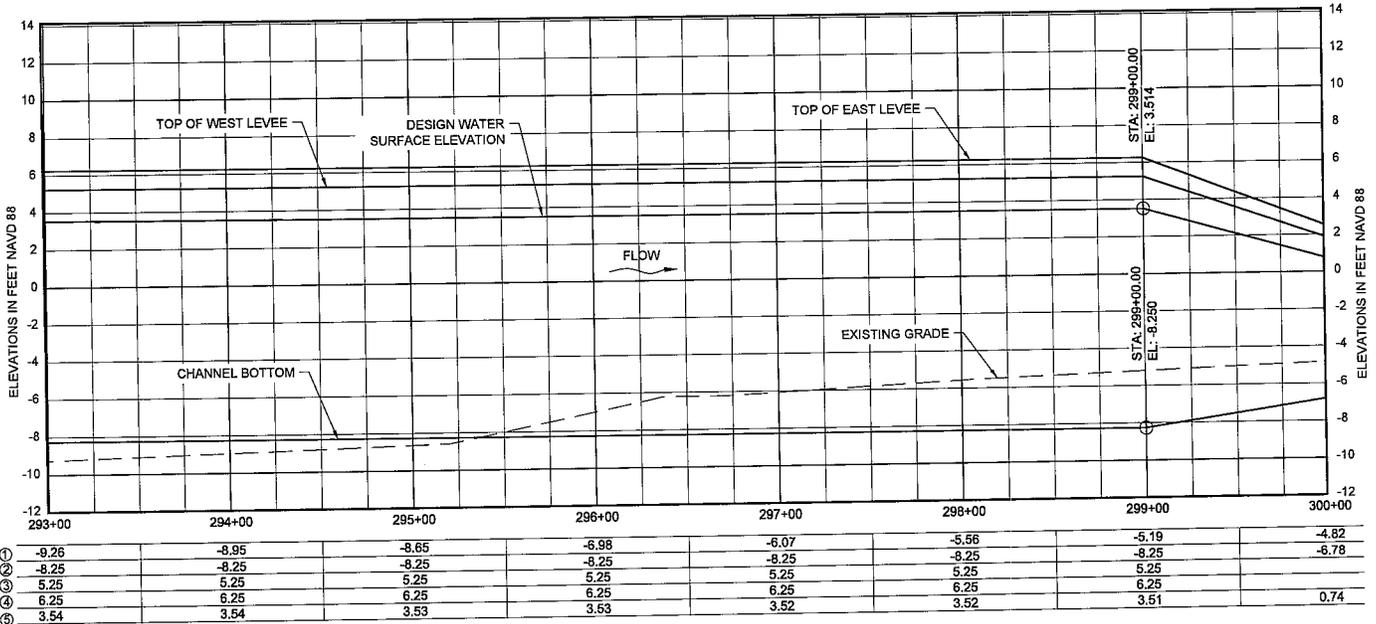
DESIGNED BY: CL

SHEET NO.

CC-5.37



PLAN
SCALE: 1" = 50'



	293+00	294+00	295+00	296+00	297+00	298+00	299+00	300+00
①	-9.26	-8.95	-8.65	-8.98	-6.07	-5.56	-5.19	-4.82
②	-8.25	-8.25	-8.25	-8.25	-8.25	-8.25	-8.25	-6.78
③	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
④	6.25	6.25	6.25	6.25	6.25	6.25	6.25	
⑤	3.54	3.54	3.53	3.53	3.52	3.52	3.51	0.74

- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
- ④ TOP OF EAST LEVEE EL
- ⑤ DESIGN WATER SURFACE EL

PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

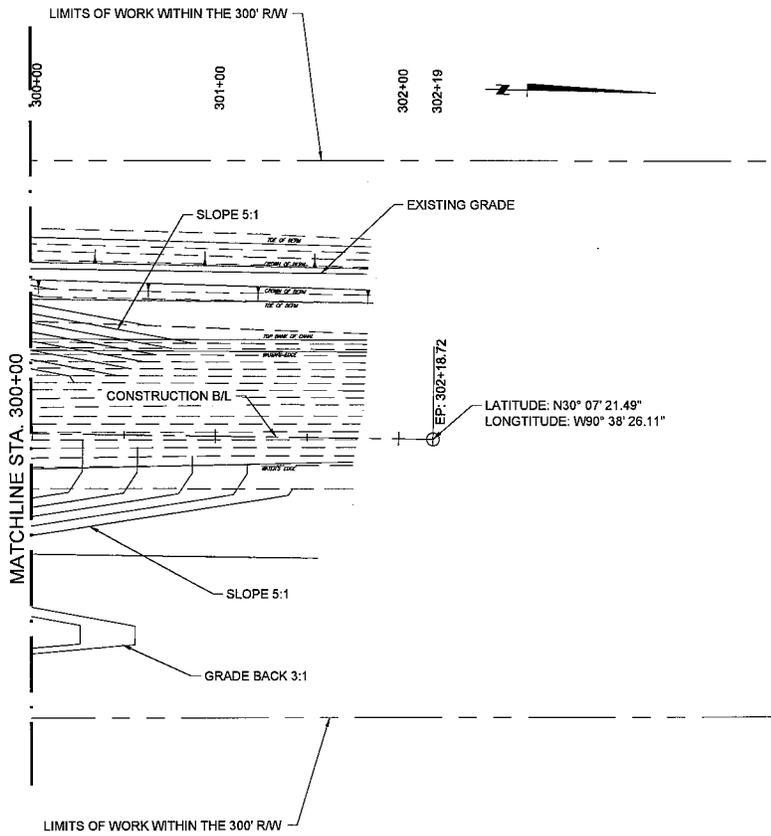
PLAN AND PROFILE

DRAWN BY: APO

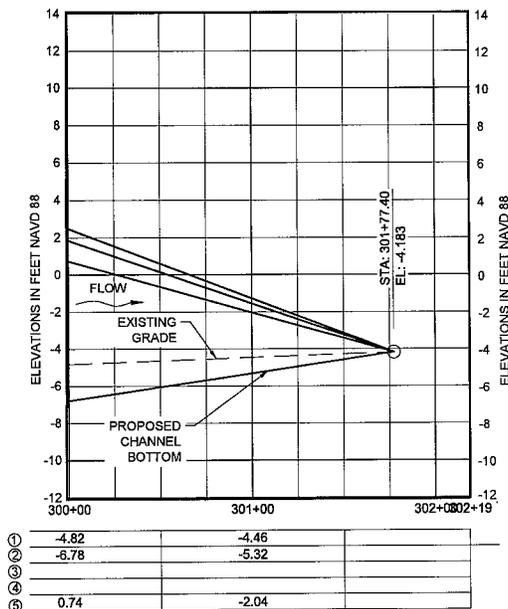
DESIGNED BY: CL

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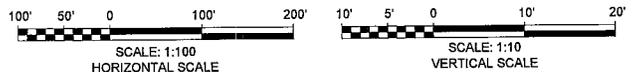
CC-5.38



PLAN
SCALE: 1" = 50'



PROFILE
(SHOWN ALONG BASELINE)
SCALE: 1" = 5'



- ① EXISTING GRADE EL
- ② BOTTOM OF CHANNEL EL
- ③ TOP OF WEST LEVEE EL
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COASTAL PROTECTION AND
RESTORATION AUTHORITY
450 LAUREL STREET
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RIVER REINTRODUCTION
INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

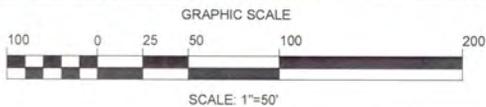
PLAN AND PROFILE

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

CC-5.39



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 RESTORATION AUTHORITY
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RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

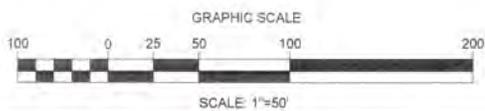
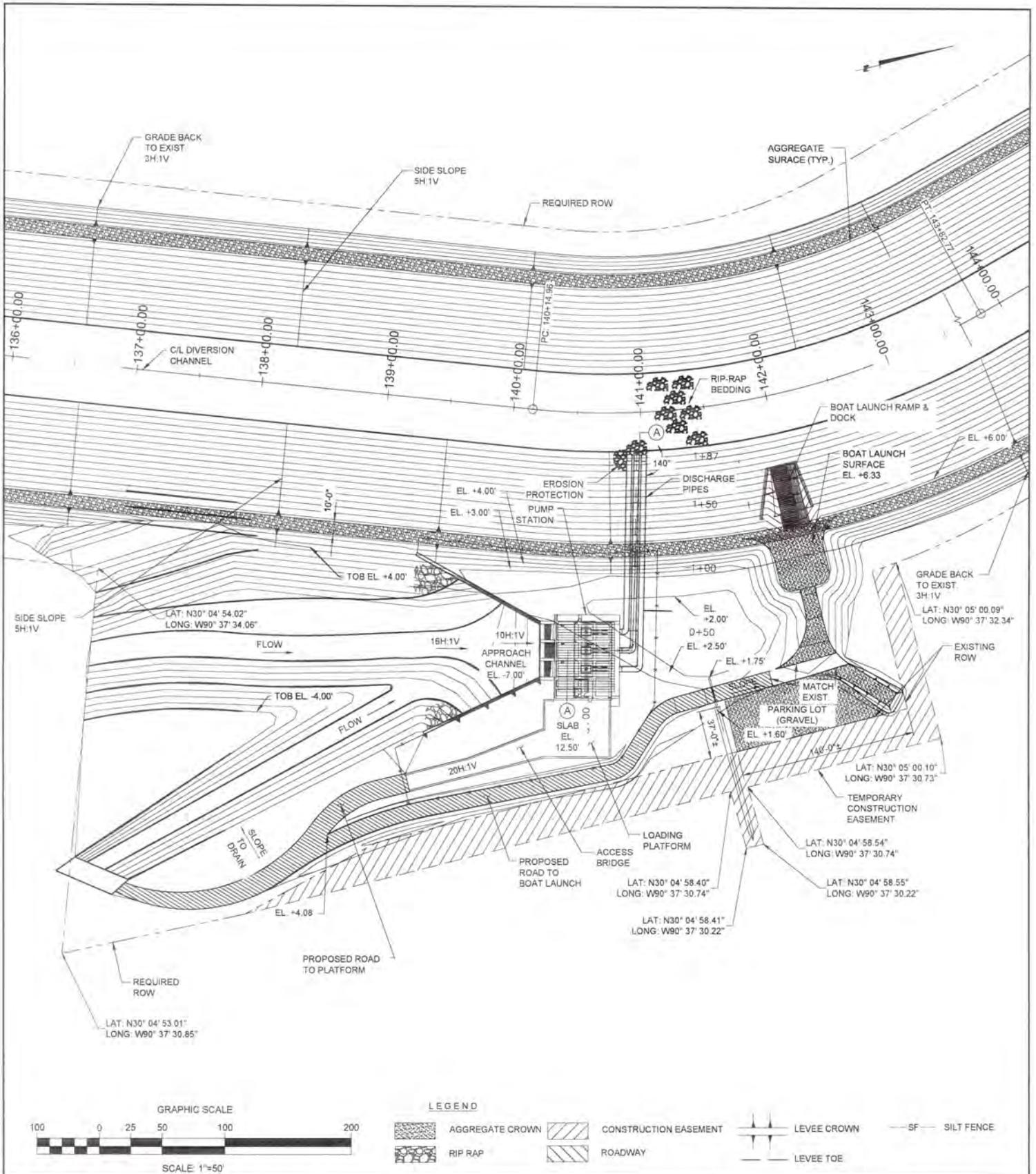
DRAINAGE PUMP STATION EXISTING CONDITION

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

PC-1.0



LEGEND

- AGGREGATE CROWN
- CONSTRUCTION EASEMENT
- RIP-RAP
- ROADWAY
- LEVEE CROWN
- LEVEE TOE
- SF- SILT FENCE

URS

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COASTAL PROTECTION AND RESTORATION AUTHORITY
 450 LAUREL STREET
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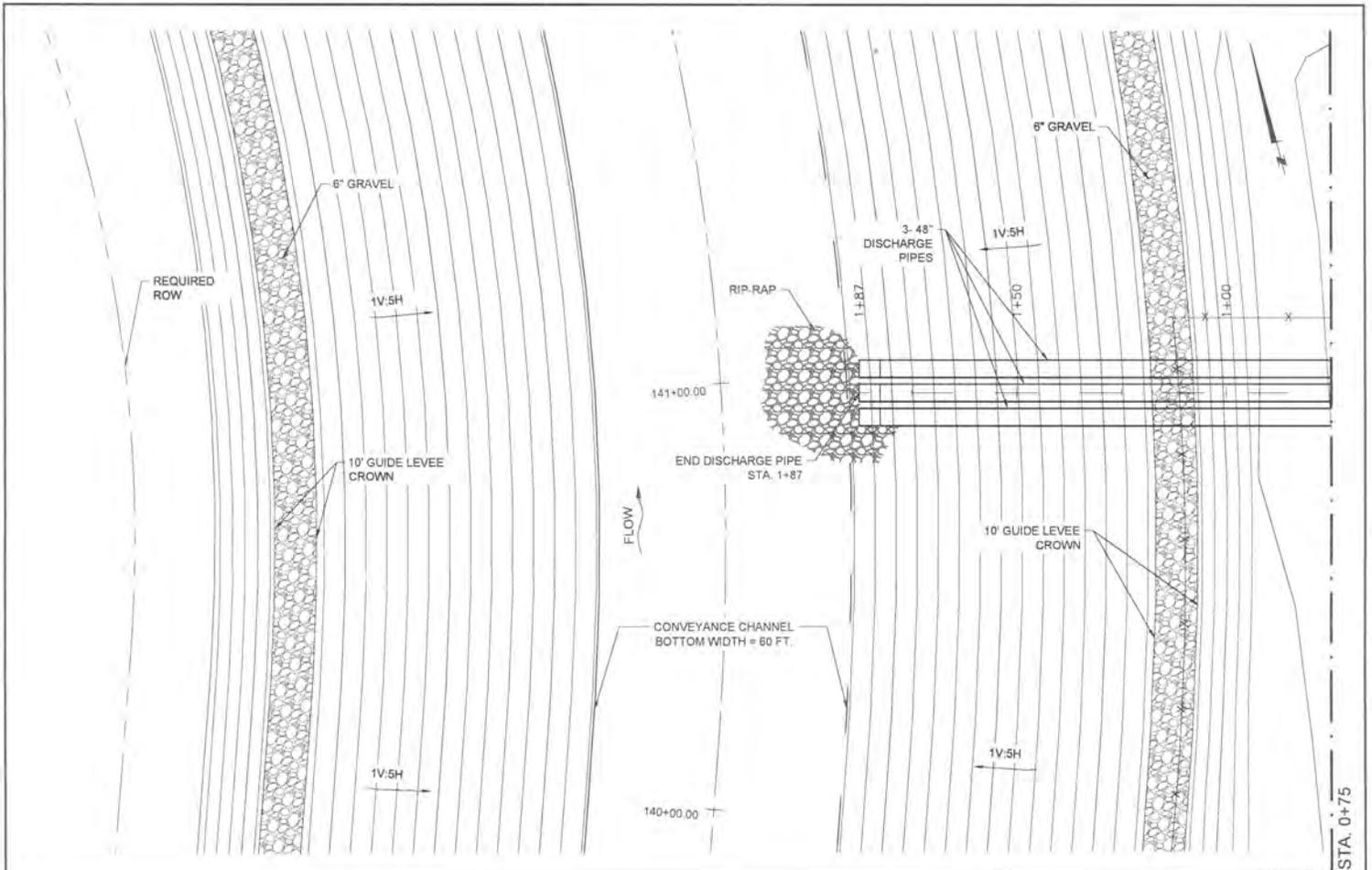
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

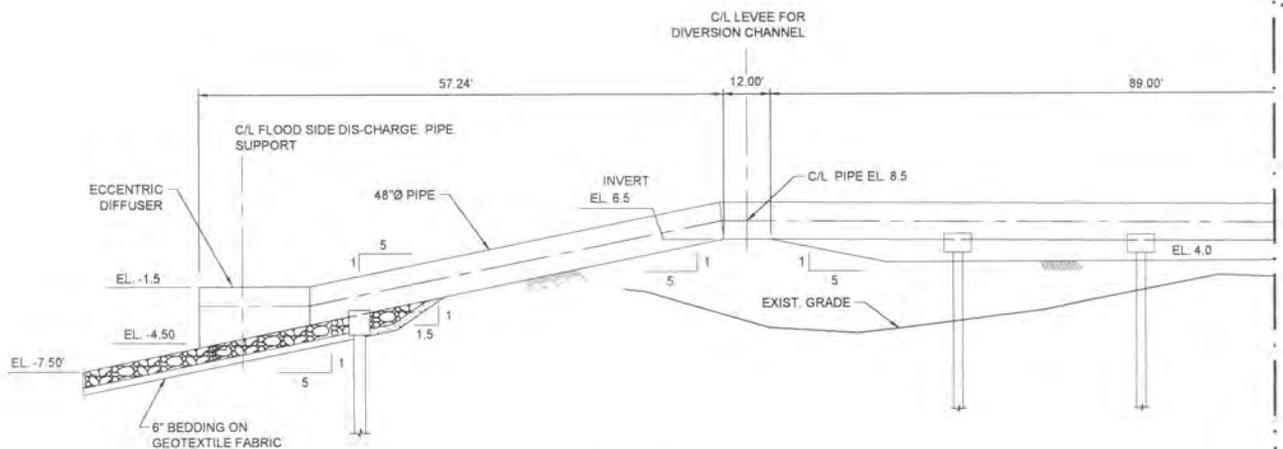
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DRAINAGE PUMP STATION PLAN

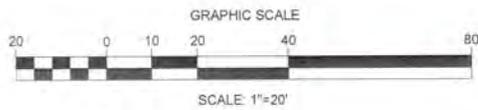
SHEET NO. PC-1.1



MATCHLINE STA. 0+75



SECTION A-A



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COASTAL PROTECTION AND RESTORATION AUTHORITY
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

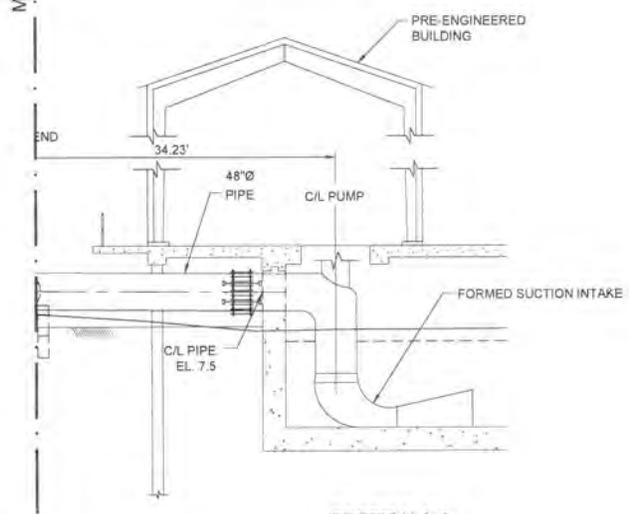
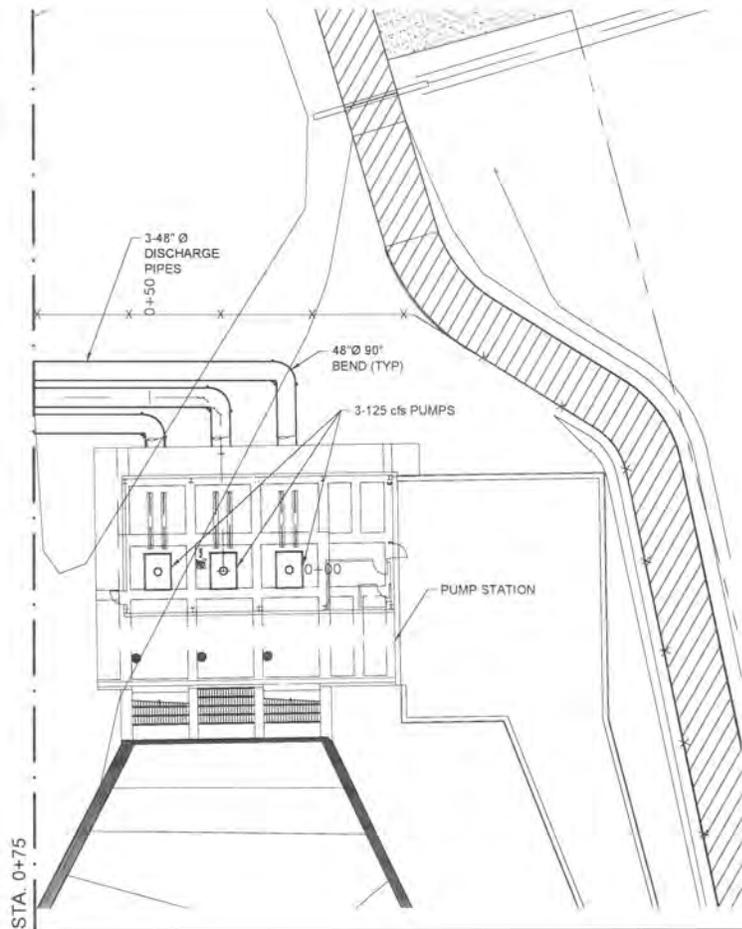
DRAINAGE PUMP STATION DISCHARGE PIPING
PLAN & PROFILE

DRAWN BY: APO

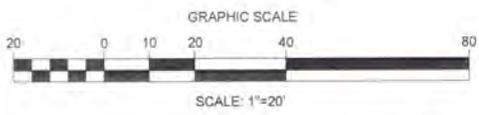
DESIGNED BY: CL

SHEET NO

PC-1.2



SECTION A-A



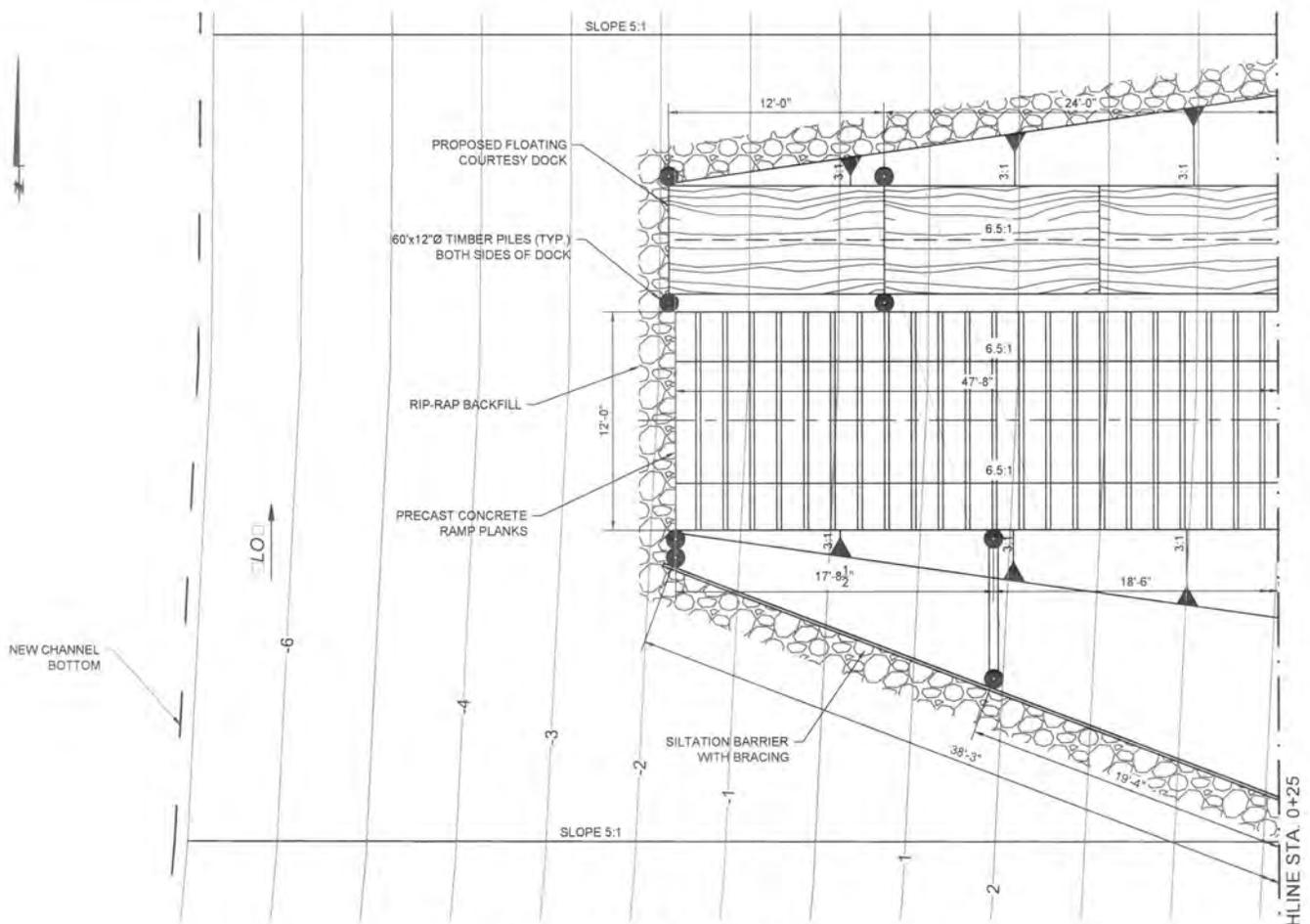
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COASTAL PROTECTION AND RESTORATION AUTHORITY
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP ST. JOHN THE BAPTIST PARISH, LOUISIANA	
PROJECT NUMBER	10001877
DRAINAGE PUMP STATION DISCHARGE PIPING PLAN & PROFILE	
SHEET NO.	PC-1.3

DRAWN BY: APO

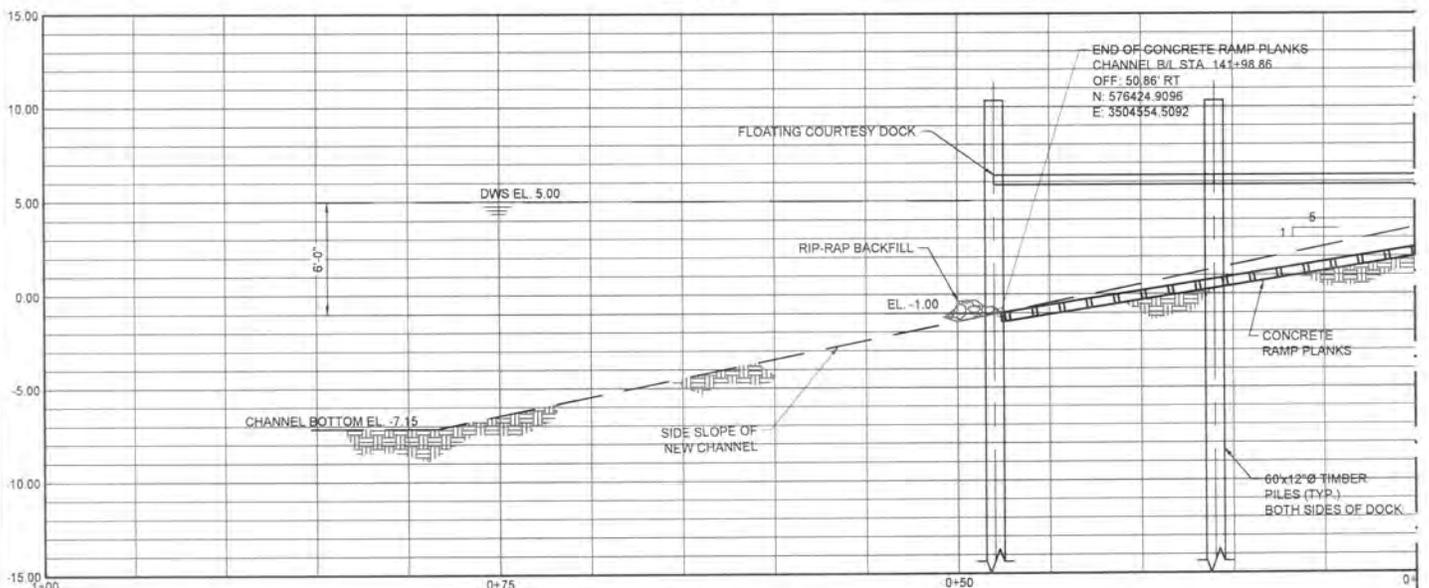
DESIGNED BY: CL



BOAT LAUNCH & DOCK PLAN

SCALE: 1" = 5'

MATCHLINE STA. 0+25



BOAT LAUNCH & DOCK PROFILE

SCALE: 1" = 5'

* NOTE: SLOPES ARE IN COMPLIANCE WITH ADA REQUIREMENTS.



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

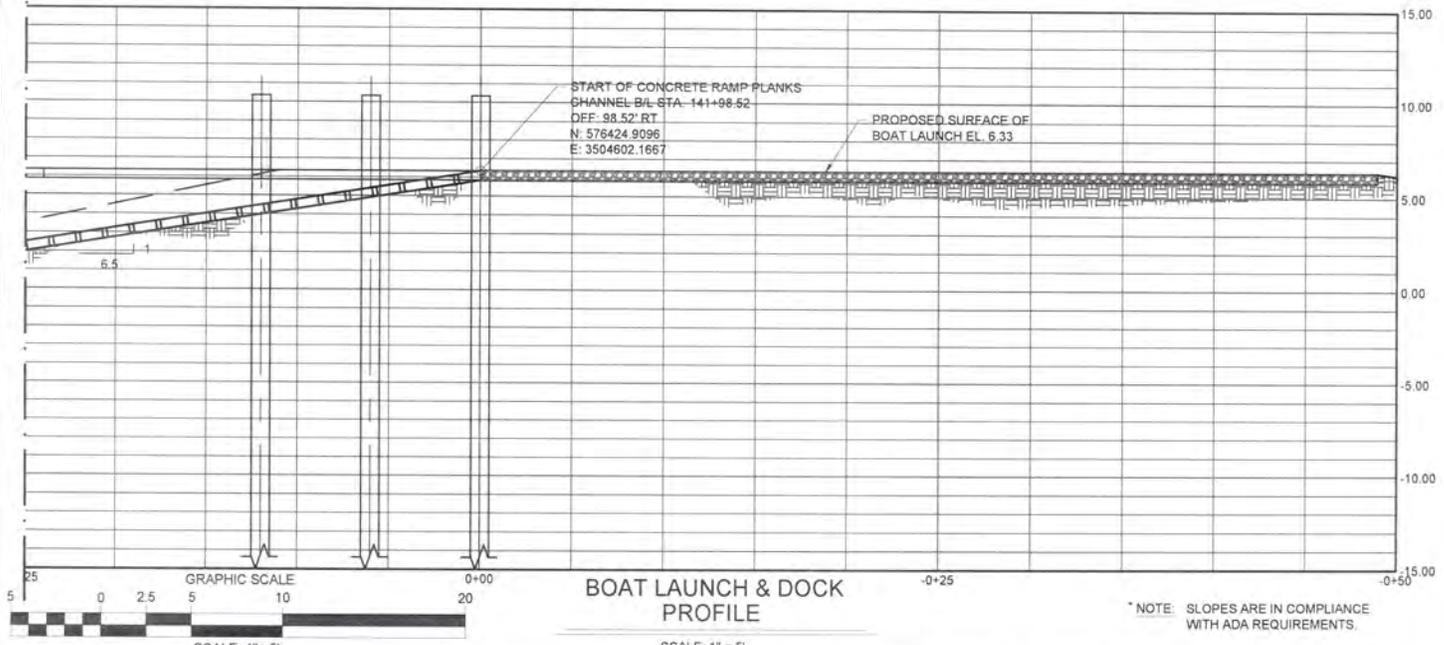
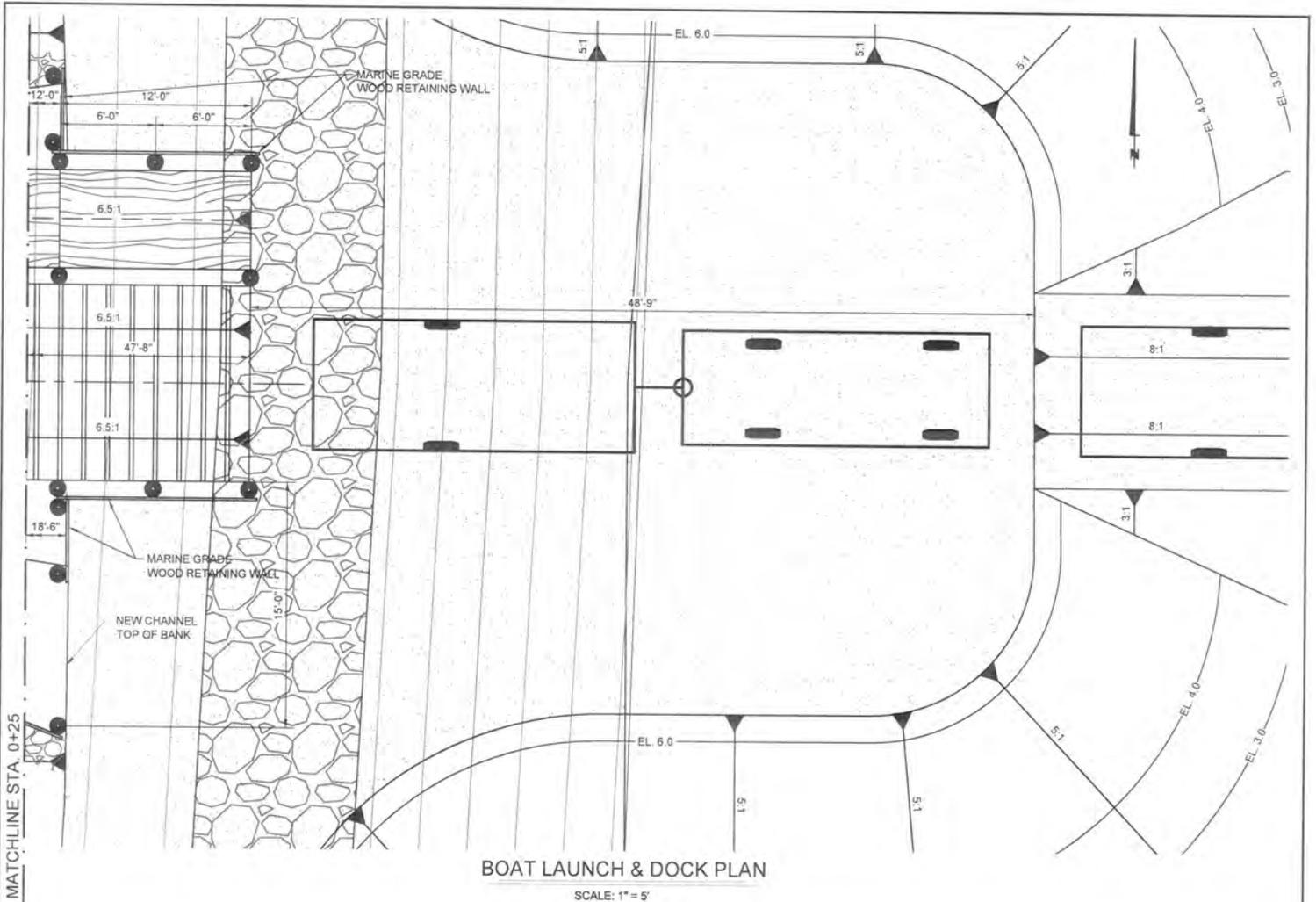
BOAT LAUNCH AT DRAINAGE PUMP STATION
PLAN & PROFILE

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

PC-14



* NOTE: SLOPES ARE IN COMPLIANCE WITH ADA REQUIREMENTS.

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COASTAL PROTECTION AND RESTORATION AUTHORITY
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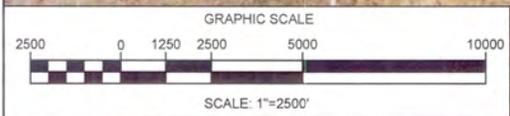
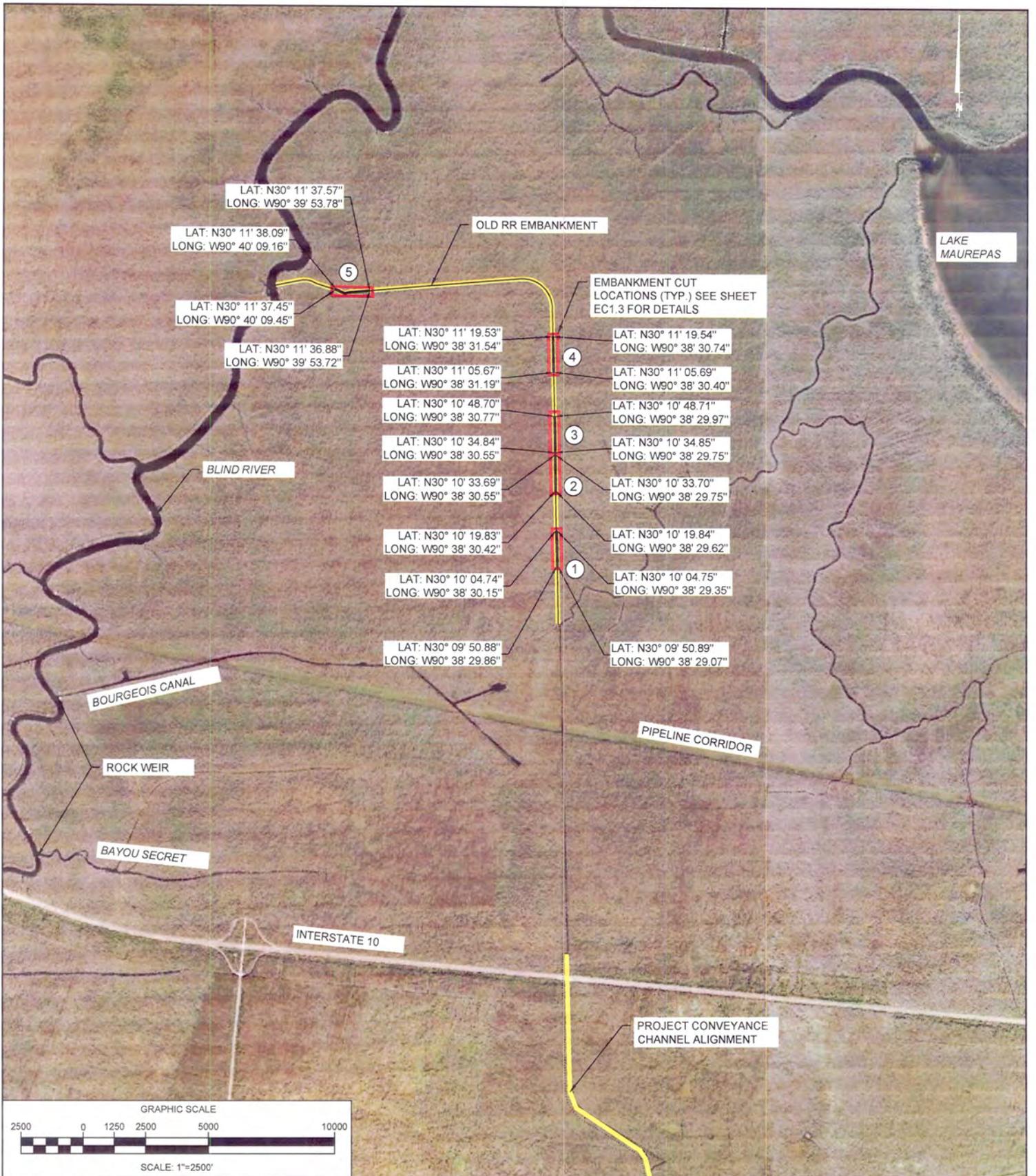
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

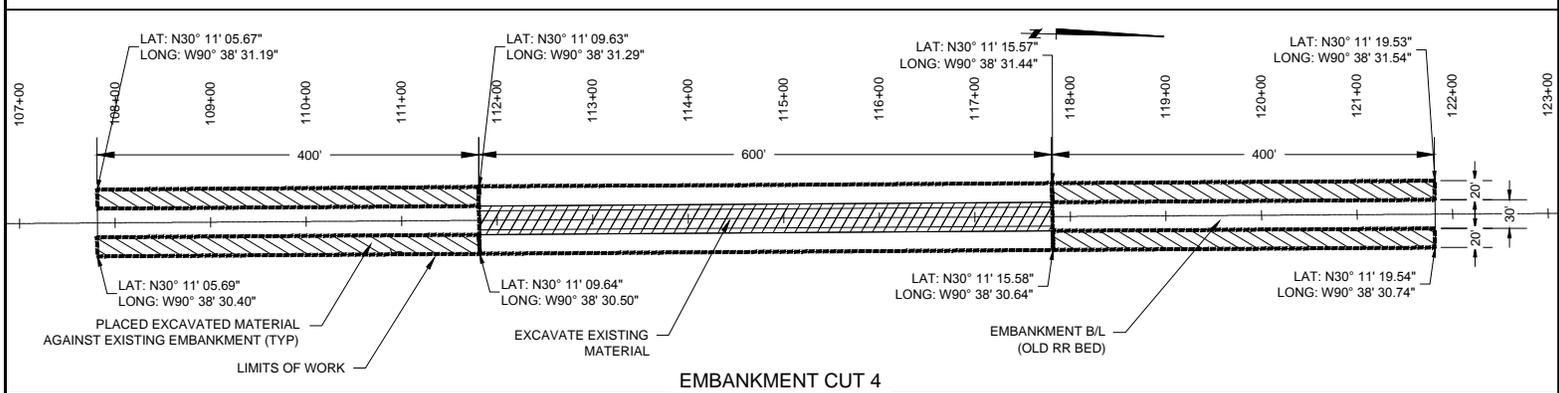
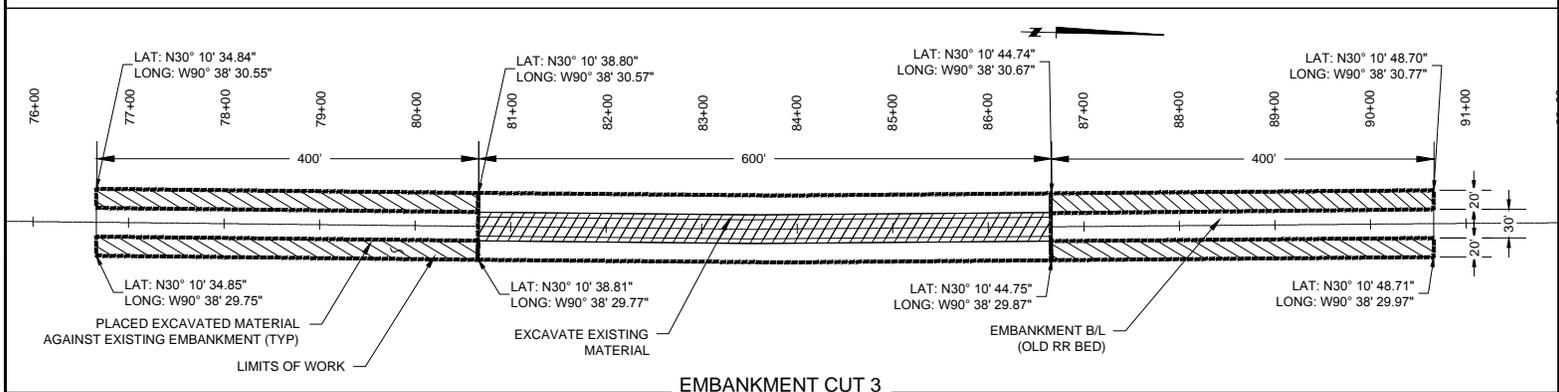
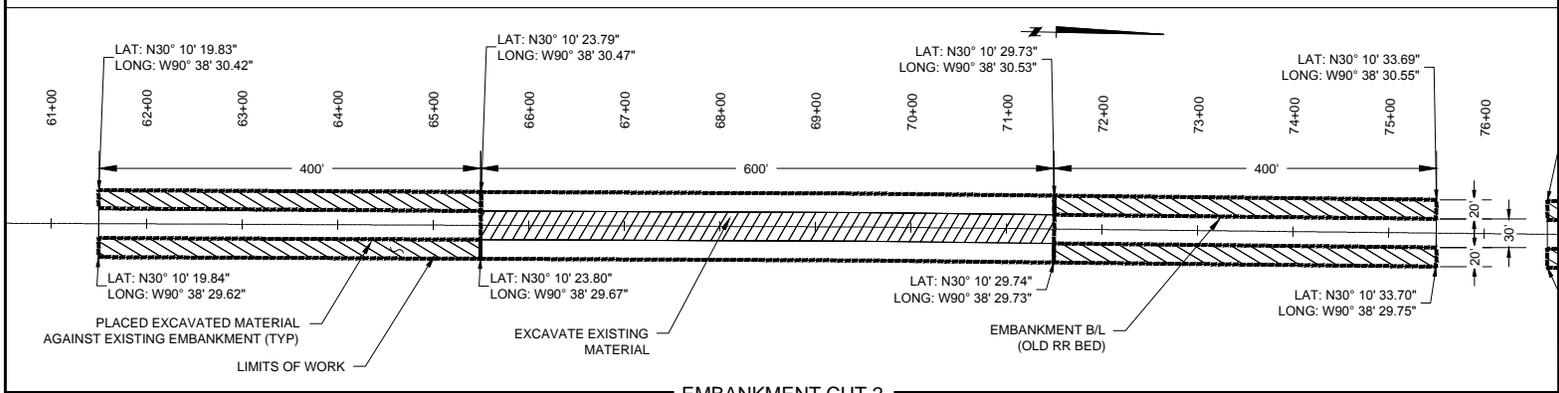
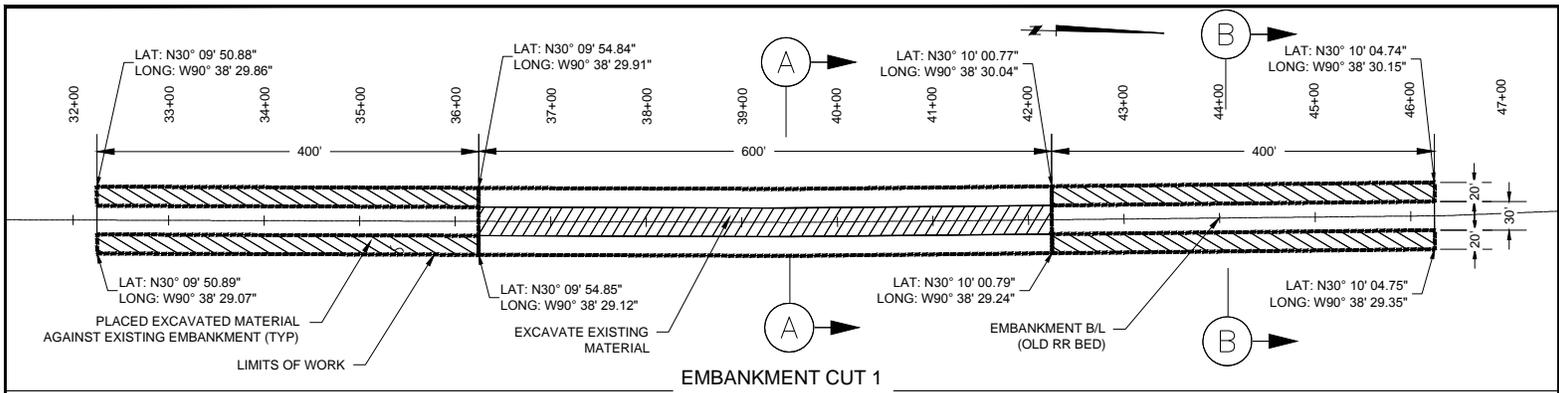
PROJECT NUMBER: 10001877

BOAT LAUNCH AT DRAINAGE PUMP STATION
 PLAN & PROFILE

SHEET NO. PC-1.5



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			<p>PROJECT NUMBER: 10001877</p>	
	<p>DRAWN BY: APO</p>	<p>DESIGNED BY: CL</p>	<p>SHEET NO.</p>	<p>EC-1.1</p>



LEGEND:
 FILL
 EXCAVATION
 EST. CUT VOLUME: 1,068.95 CY

PLAN
 SCALE HOR: 1"=200'



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

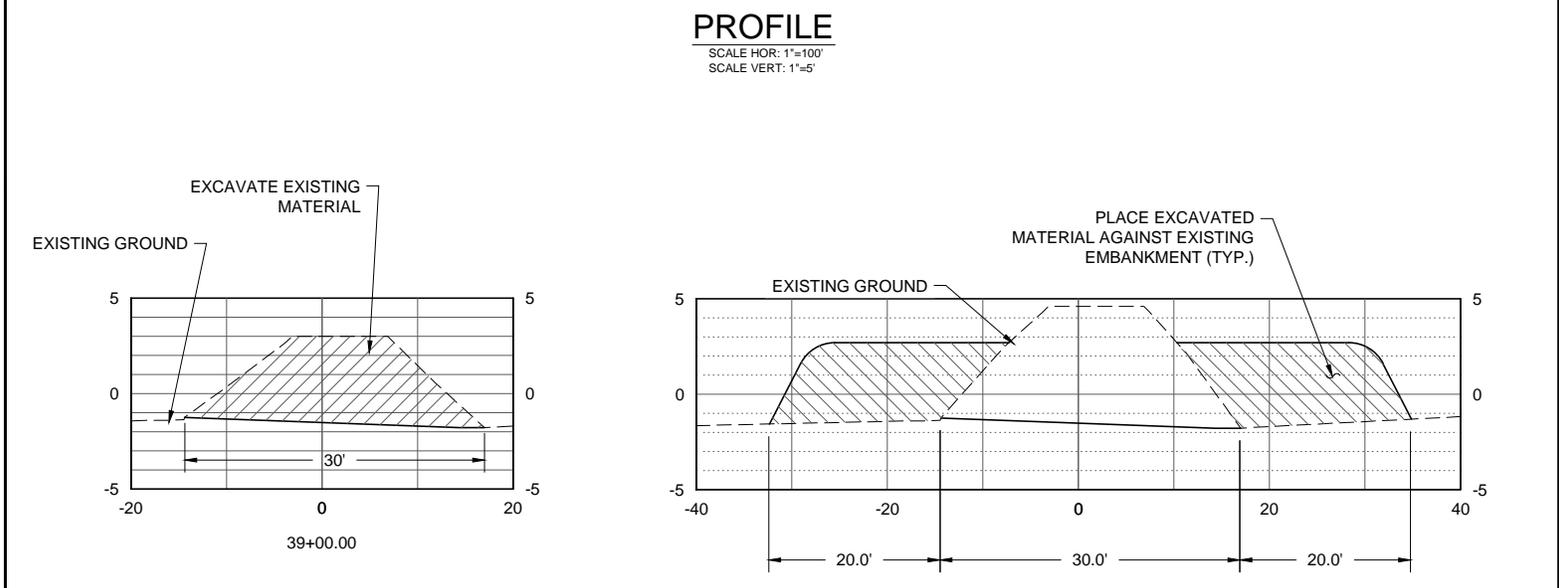
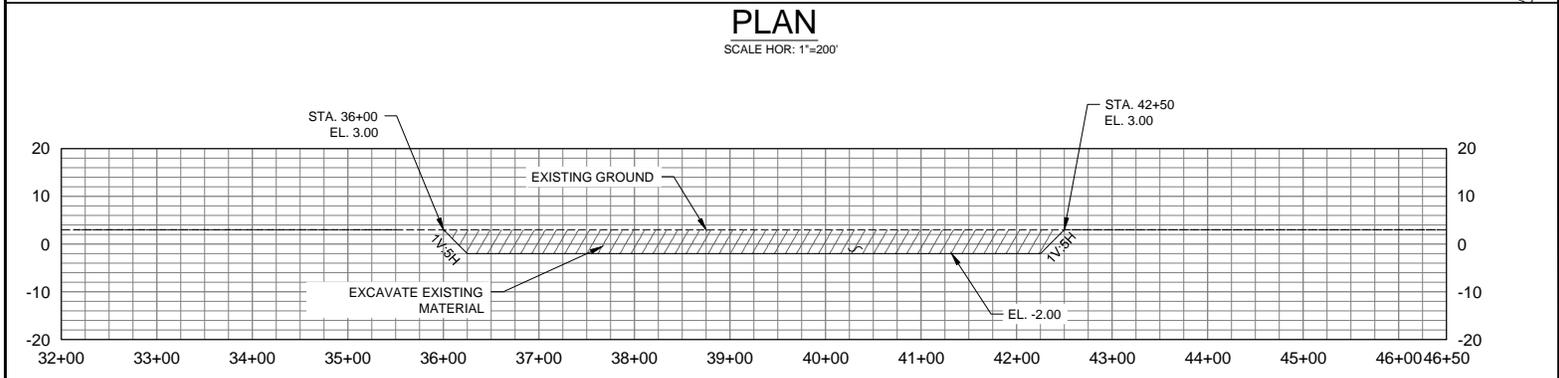
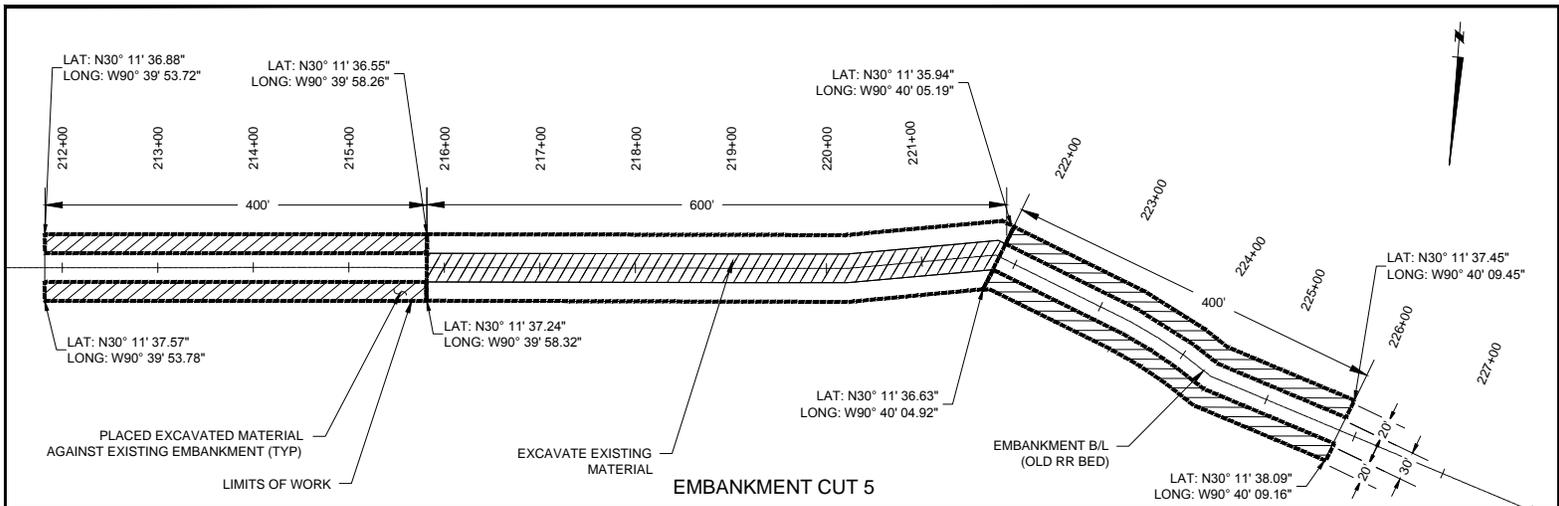
EMBANKMENT CUTS PLAN, PROFILE & SECTION

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

EC-1.2



LEGEND:
 FILL
 EXCAVATION
 EST. CUT VOLUME: 1,068.95 CY

NOTE:
 1. DISPOSE OF EXCAVATED MATERIAL ALONG THE EXISTING BERM UP-STATION OF 36+00 AND DOWN-STATION OF 42+50 AS SHOWN ON SHEET EC-1.3, SO THAT THE CUT SECTION PRESENTS AN OPEN PASSAGE-WAY FOR WATER FLOW. (TYPICAL ALL CUTS)



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

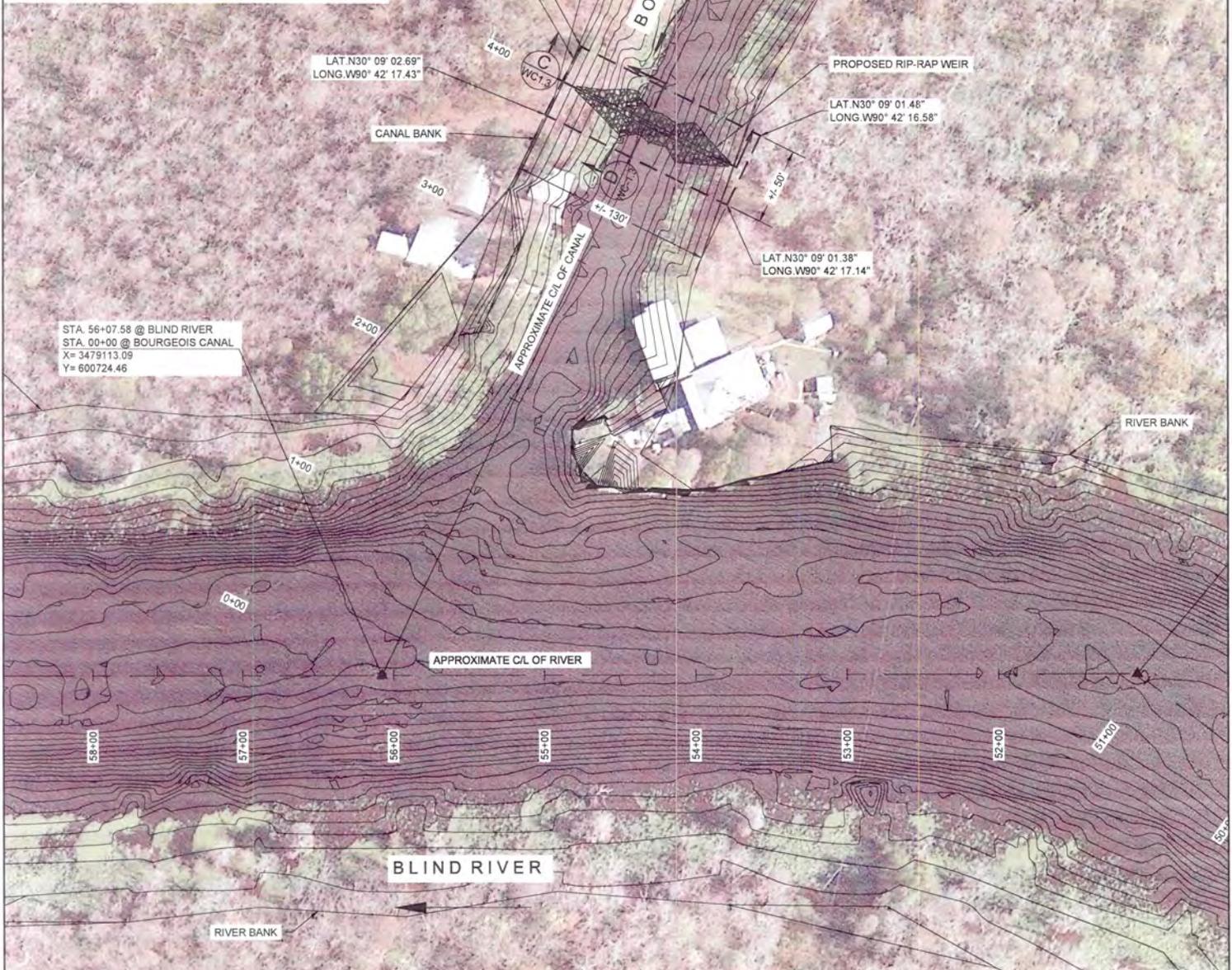
EMBANKMENT CUTS PLAN, PROFILE & SECTION

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

EC-1.3



STA. 56+07.58 @ BLIND RIVER
 STA. 00+00 @ BOURGEOIS CANAL
 X= 3479113.09
 Y= 600724.46

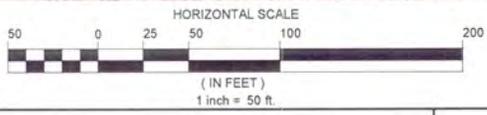
STA. 6+70.42
 X= 3479771.02
 Y= 600853.24

LAT. N30° 09' 02.76"
 LONG. W90° 42' 16.86"

LAT. N30° 09' 02.69"
 LONG. W90° 42' 17.43"

LAT. N30° 09' 01.48"
 LONG. W90° 42' 16.58"

LAT. N30° 09' 01.38"
 LONG. W90° 42' 17.14"



NOTES:
 THE COORDINATES AND BEARINGS SHOWN HEREON ARE GRID
 1. AND ARE ON THE LOUISIANA COORDINATE SYSTEM OF 1983
 SOUTH ZONE (N.A.D. 83). DISTANCES SHOWN ARE HORIZONTAL
 GROUND DISTANCES.

2. ELEVATIONS SHOWN HERE ARE N.A.V.D. 88. BASED ON STATIC GPS OBSERVATION.
3. SEE DRAWING WC-1.3 FOR CROSS SECTIONS.
4. SURVEY CONDUCTED BETWEEN AUGUST 9 AND AUGUST 20, 2010.
5. WATER LEVEL AT TIME OF SURVEY IS ±2.3' ELEVATION.



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COASTAL PROTECTION AND
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**RIVER REINTRODUCTION
 INTO MAUREPAS SWAMP**
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

WEIR IN BOURGEOIS CANAL PLAN

DRAWN BY: APO

DESIGNED BY: CL

SHEET NO.

WC-1.1



STA. 16+95.32 @ BLIND RIVER
 STA. 00+00 @ BAYOU SECRET
 X= 3478344.75
 Y= 594652.93

LIMITS OF CONSTRUCTION
 LAT. N30° 08' 00.62"
 LONG. W90° 42' 25.82"
 LAT. N30° 08' 00.77"
 LONG. W90° 42' 26.29"

LAT. N30° 08' 00.02"
 LONG. W90° 42' 26.32"

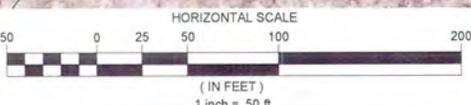
STA. 4+18.89
 N: 594517.20
 E: 3478741.03

PROPOSED RIP-RAP WEIR
 LAT. N30° 07' 59.43"
 LONG. W90° 42' 26.23"

LAT. N30° 07' 59.55"
 LONG. W90° 42' 26.77"

CENTER OF WEIR
 STA. 4+00.00
 N: 594523.32
 E: 3478723.16

STA. 12+79.59
 X= 3478488.62
 Y= 594262.90



NOTES:
 1. THE COORDINATES AND BEARINGS SHOWN HEREON ARE GRID 1, AND ARE ON THE LOUISIANA COORDINATE SYSTEM OF 1983 SOUTH ZONE (N.A.D. 83). DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES.

2. ELEVATIONS SHOWN HERE ARE N.A.V.D.88. BASED ON STATIC GPS OBSERVATION.
3. SEE DRAWING WC-1.3 FOR CROSS SECTIONS.
4. SURVEY CONDUCTED BETWEEN AUGUST 9 AND AUGUST 20, 2010.
5. WATER LEVEL AT TIME OF SURVEY IS ±2.3' ELEVATION.



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COASTAL PROTECTION AND RESTORATION AUTHORITY
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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
 ST. JOHN THE BAPTIST PARISH, LOUISIANA

PROJECT NUMBER: 10001877

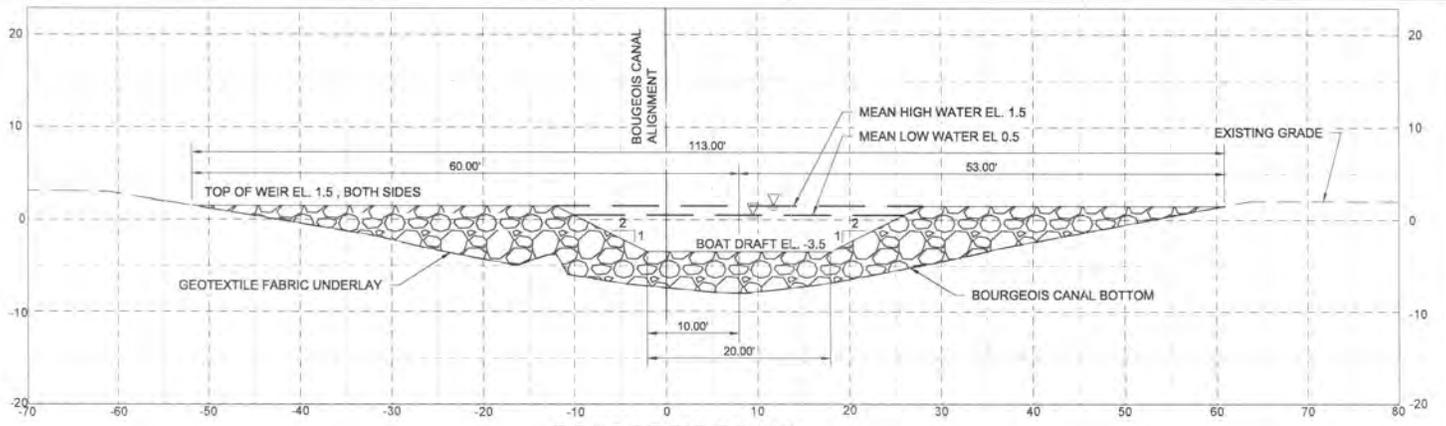
WEIR IN BAYOU SECRET PLAN

DRAWN BY: APO

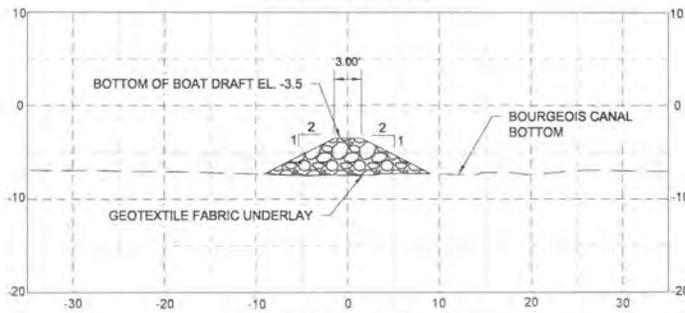
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SHEET NO.

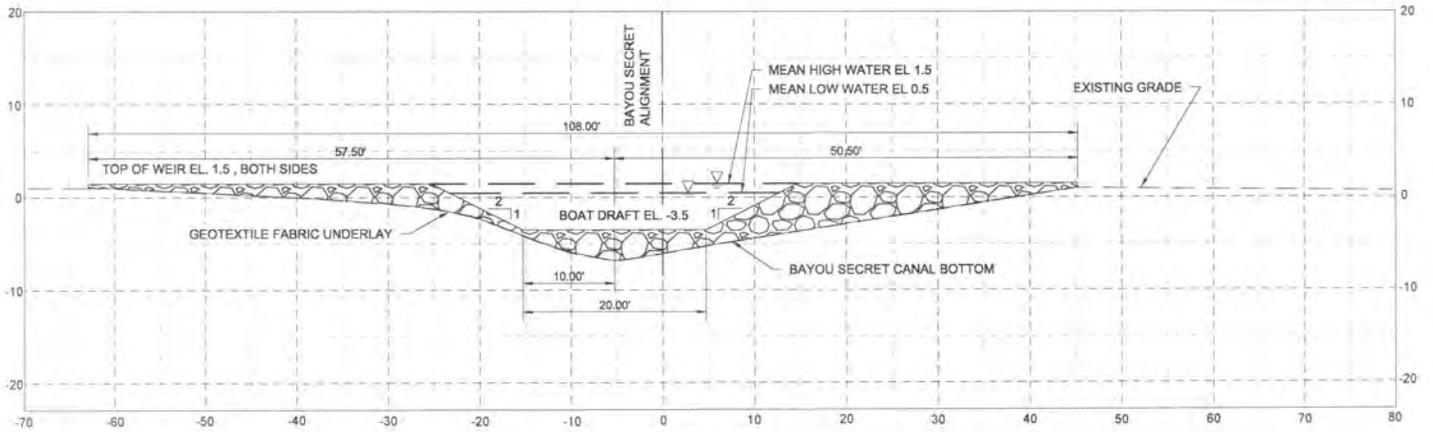
WC-1.2



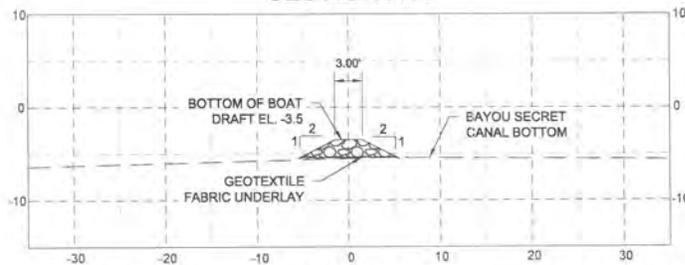
**BOURGEOIS CANAL
SECTION C-C**



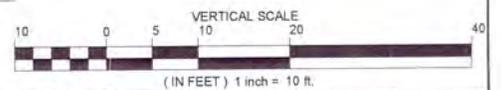
**BOURGEOIS CANAL
SECTION D-D**



**BAYOU SECRET
SECTION A-A**



**BAYOU SECRET
SECTION B-B**



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RIVER REINTRODUCTION
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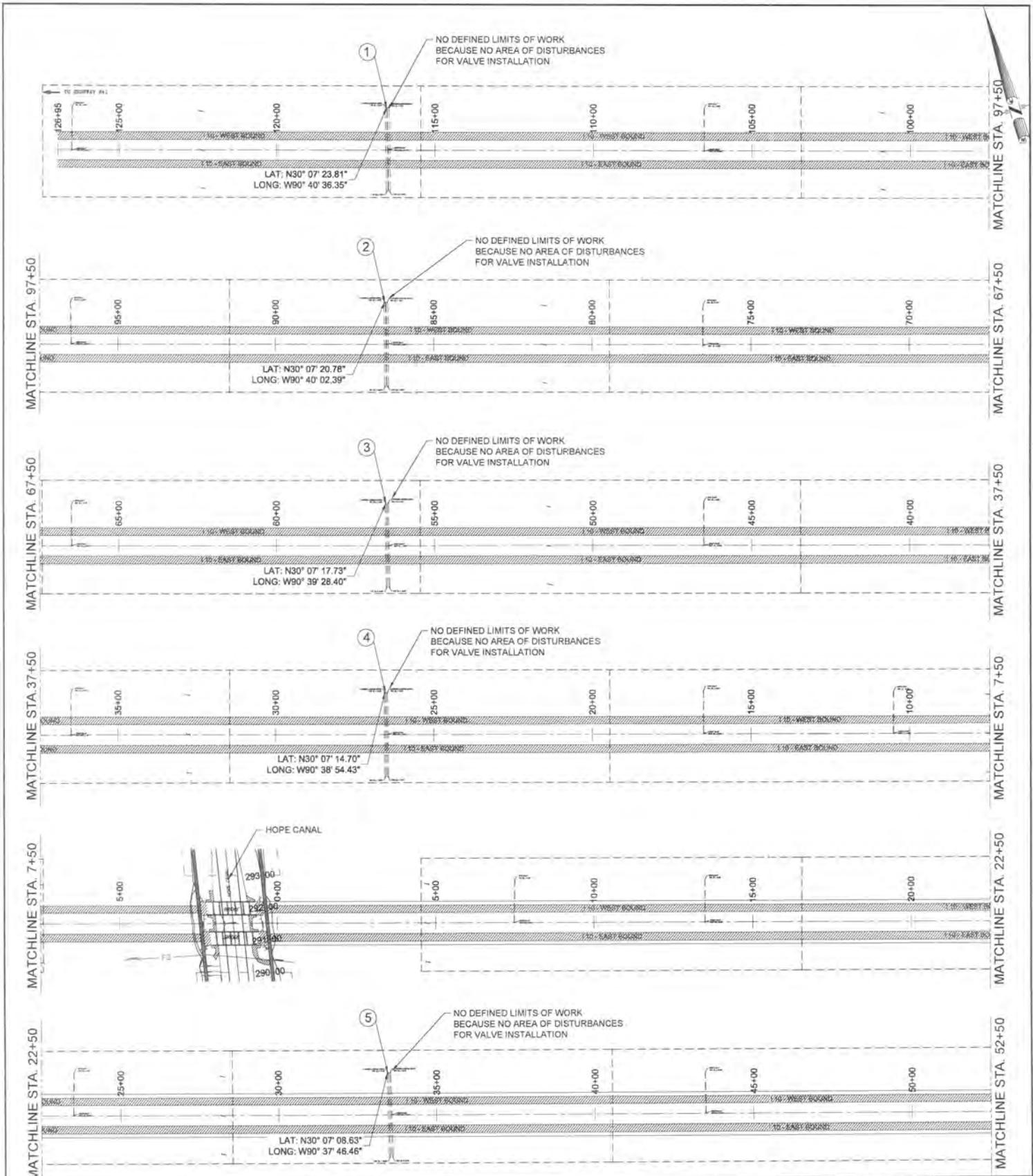
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WEIRS IN BAYOU SECRET AND
BOURGEOIS CANAL SECTIONS

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SHEET NO. WC-1.3



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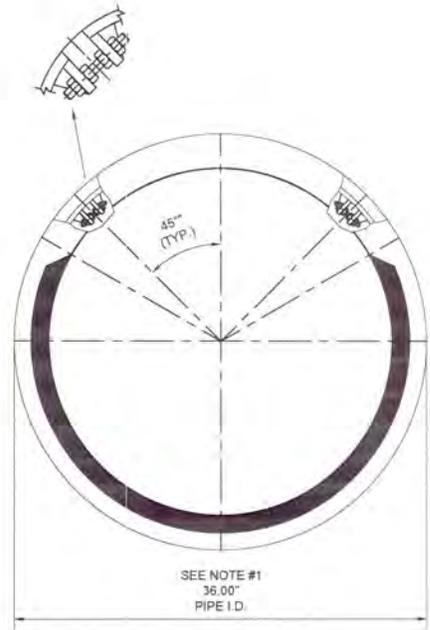
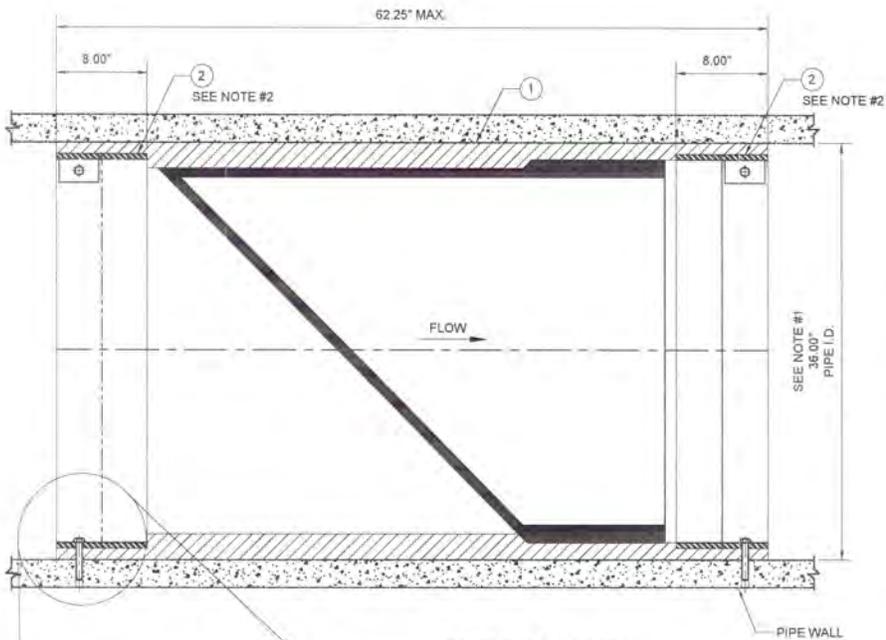
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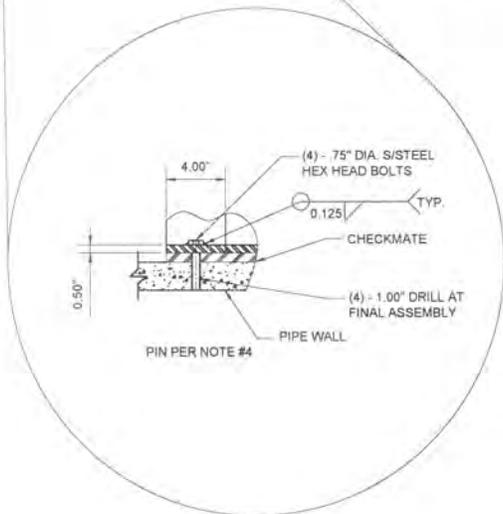
1-10 CHECK VALVES KEY PLAN (1 OF 2)

SHEET NO. VC-1.01



CHECK VALVE

SCALE 1 1/2" = 1'-0"



LOCATION NUMBER	EXISTING PIPE SIZE AND MATERIAL	EXISTING PIPE LOCATION STATION	NO. OF PIPES
1	36" I.D. CONCRETE	510+43	4
2	36" I.D. CONCRETE	360+47	4
3	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	330+47	2
4	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	360+47	2
5	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	390+47	2
6	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	420+47	2
7	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	480+47	2
8	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	540+47	2
9	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	570+47	2
10	55"X44" I.D. CORRUGATED METAL PIPE (CMP)	600+47	2

NOTES:

1. PIPE INSIDE DIAMETER - 36 INCH FOR CONCRETE PIPES; 44" X 55" CMP
2. CLAMPS INSTALLED IN UPSTREAM CUFF
3. MAXIMUM ALLOWABLE BACK PRESSURE - 20.0 FEET FOR CONCRETE PIPE, 10 FT FOR CMP
4. IT IS RECOMMENDED TO BOLT OR PIN CHECK VALVE TO PIPE AS SHOWN, 4 PLACES 90° APART.



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RIVER REINTRODUCTION INTO MAUREPAS SWAMP
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PROJECT NUMBER 10001877

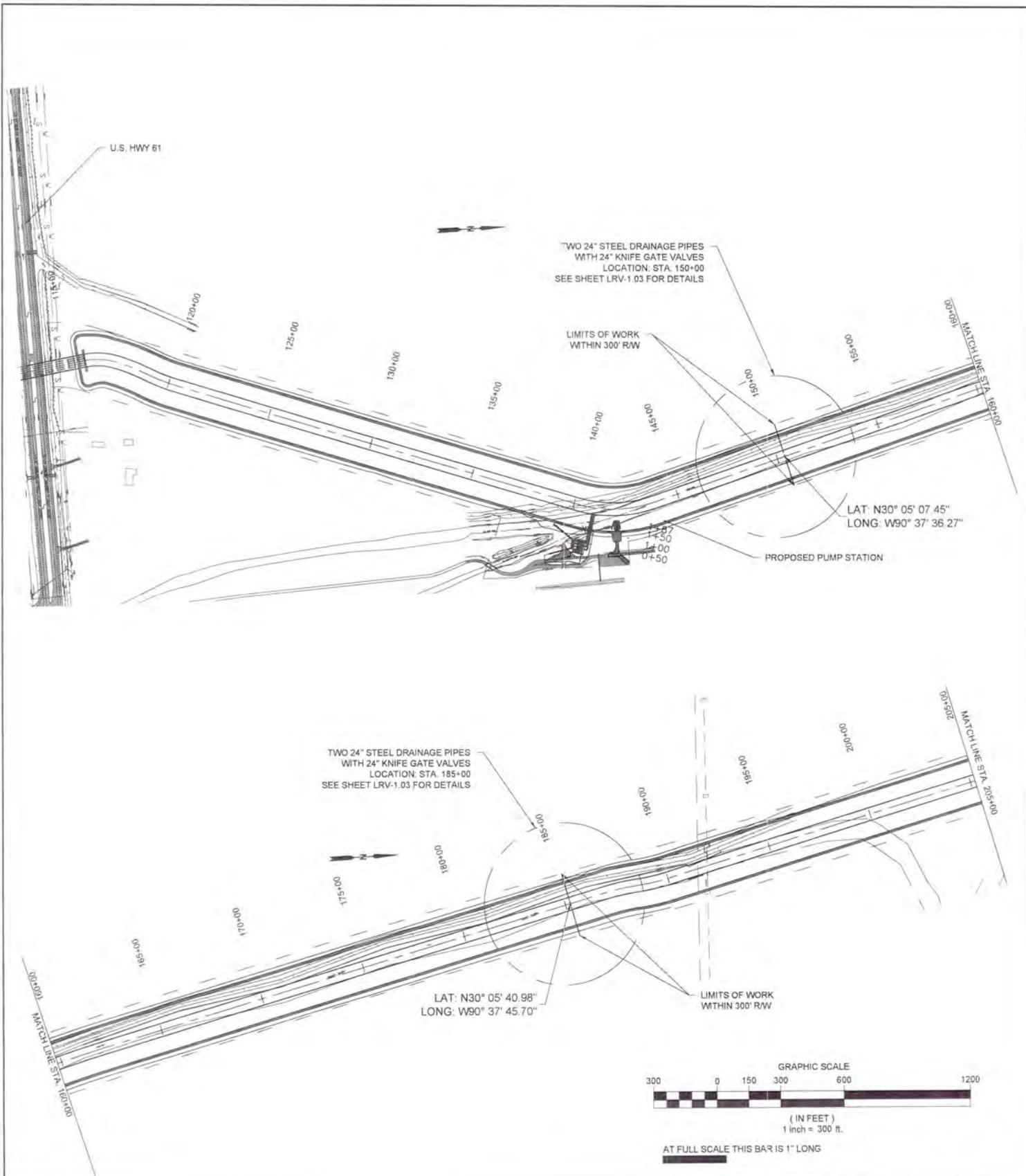
I-10 CHECK VALVES DETAILS

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SHEET NO

VC-1.03



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RIVER REINTRODUCTION
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PROJECT NUMBER: 10001877

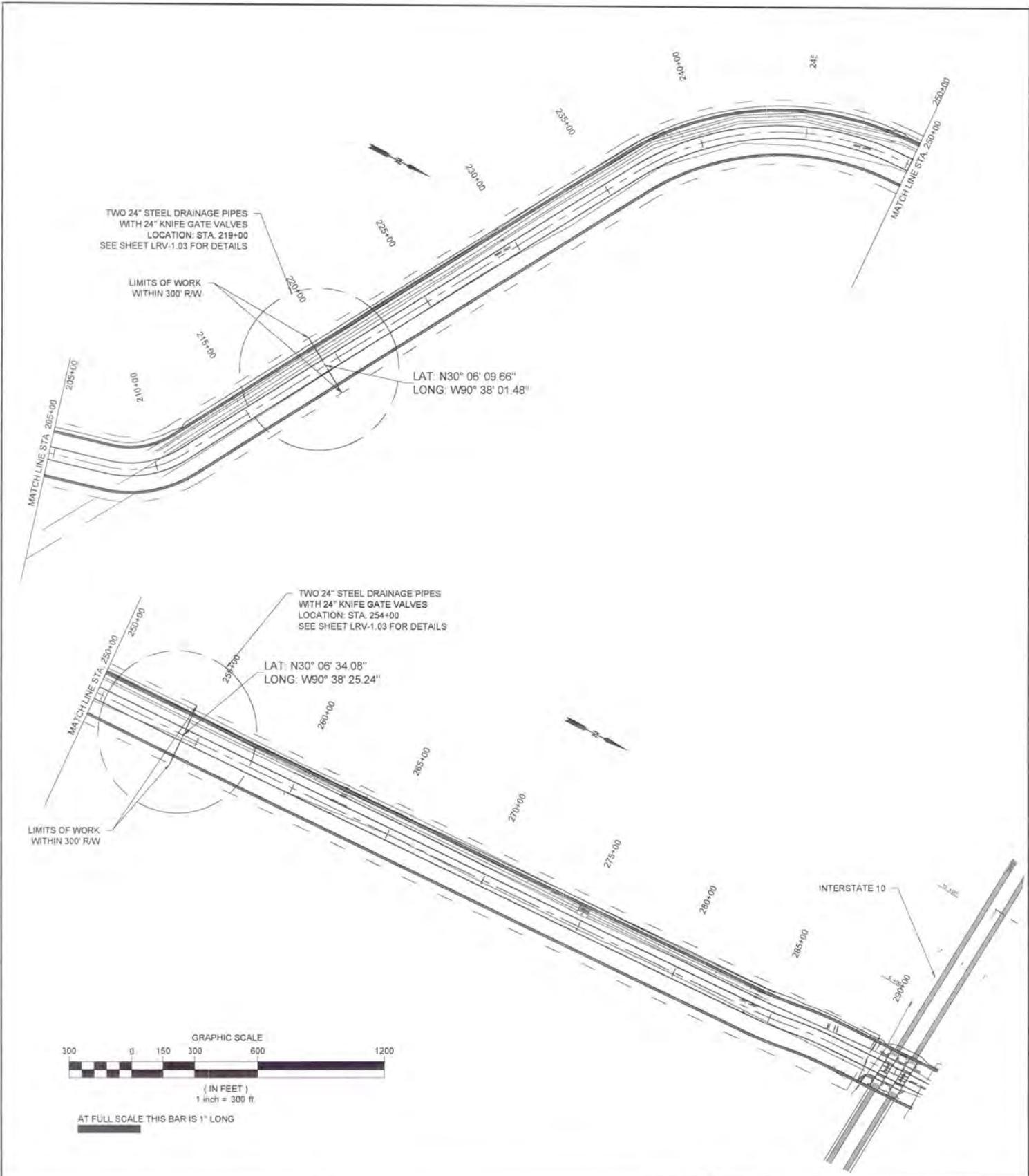
LATERAL RELEASE VALVES KEY PLAN (1 OF 2)

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SHEET NO.

LRV-1.01



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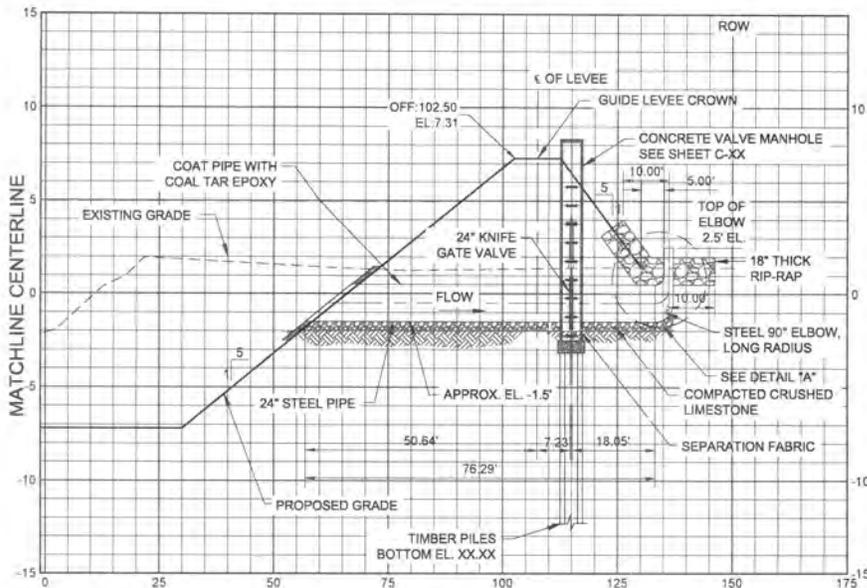
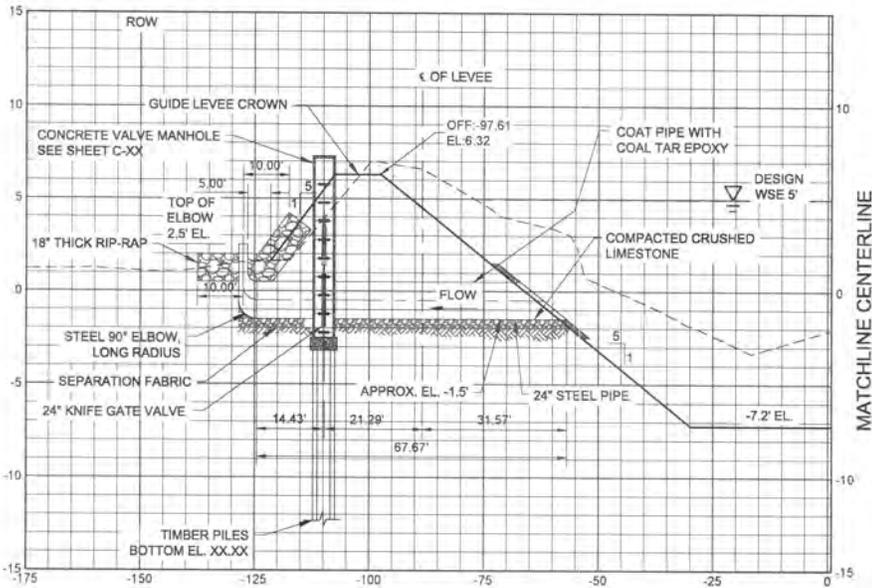
DRAWN BY: APO DESIGNED BY: CL

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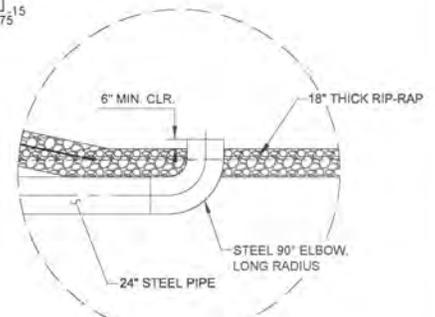
PROJECT NUMBER: 10001877

LATERAL RELEASE VALVES KEY PLAN (2 OF 2)

SHEET NO. LRV-1.02



LATERAL RELEASE VALVE TYPICAL SECTION



DETAIL "A"
N.T.S.



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LATERAL RELEASE VALVES - DETAILS

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SHEET NO.

LRV - 1.03