DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVE
NEW ORLEANS, LA 70118-3651

January 17, 2023

Regulatory Division
Central Evaluation Branch

Project Manager
Kenny Blanke
(504) 862-1217
Kenneth.G.Blanke@usace.army.mil

Application #: MVN-2021-01140-CQ

PUBLIC NOTICE

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [ ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [**X**] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [ ] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

UNIVERSITY LAKES AQUATIC RESTORATION AND FLOOD RISK REDUCTION PROJECT NEAR BATON ROUGE IN EAST BATON ROUGE PARISH

NAME OF APPLICANT: University Lakes, LLC, c/o: CSRS, LLC., attn.: Ms. Kelly Faerber, 8555 United Plaza Blvd., Baton Rouge, Louisiana 70809
.

LOCATION OF WORK: Located on an approximate 300-acre site, in a six-lake system (University Lakes), located along and northwest of Stanford Avenue, near Baton Rouge, in East Baton Rouge Louisiana, (lat. 30.4206, long. -91.1678), as shown within the attached drawings. (Hydrologic Unit Code 080070202 Pontchartrain Basin).

CHARACTER OF WORK: The applicant has requested Department of the Army authorization to dredge and place waterbottoms material as fill to implement the University Lakes Aquatic Restoration and Flood Risk Reduction Project. Dredged material is proposed to be utilized beneficially in the creation of shoreline fill, bird sanctuary, or to construct islands. The six-lake system is proposed to be dredged to help improve water quality due to existing sedimentation, algae blooms, and low dissolved oxygen levels. The project has been designed to detain a 100-year storm event to help provide stormwater retention improvements for the area. Approximately 1,045,500 cubic yards of dredged waterbottoms from hydraulically dredged from project activity and 26,852 cubic yards of clean hauled in fill material would be placed as fill material in jurisdictional areas. The project would fill approximately 63.93 acres of jurisdictional Other Waters of the US waterbottoms and create upland habitat located along the shorelines. The project also proposes to create approximately 32.42 acres of wetland habitat. The project proposes to use approximately 14,453 linear feet of geotextile tube to contain approximately 38,319 cubic yards of the dredged material. Temporary bulkheads and laydown areas are also proposed during the construction stage of this proposed project and are indicated on the attached proposed project drawings. Remnant vegetative debris and cypress stumps are also proposed to be

removed as a result of project implementation. The proposed project currently has a jurisdictional wetland determination pending with our Jurisdiction and Enforcement Branch. An addendum Public Notice may be required if the jurisdictional determination determines that additional project related impacts to wetlands are present. The project proposes to impact approximately 3.13 acres of potentially jurisdictional wetlands (black willow habitat and fringe herbaceous wetland habitat). Approximately 275 acres of jurisdictional Other Waters of the US would be directly impacted as a result of project implementation from hydraulic dredging of waterbottom material. The project proposes to utilize the dredged material beneficially through creation of wetland and upland habitat adjacent to and within the University Lakes system. The applicant proposes to utilize best management practices for erosion and siltation control during and after the construction phase of the project. Post dredging, the applicant proposes to install boardwalks, retaining walls, pedestrian walkways, and other appurtenances to improve the existing May Street with a proposed bridge to increase connectivity between City Park Lake and University Lake. If authorized, the project will receive approval from all appropriate local drainage authorities. The project is proposed as a beneficial project and no compensatory mitigation has been proposed by the applicant due to the proposed benefits associated with the project.

The comment period on the requested Department of the Army Permit will close **20 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 request and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, ATTENTION: REGULATORY DIVISION, RGC, Kenneth Blanke. Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at https://go.usa.gov/xennJ

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 U.S. 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 U.S. 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 presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes 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. Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to any listed species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **0 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 applicable water quality standards will be required from the LA Department of Environmental Quality before a Department of the Army permit is issued.***

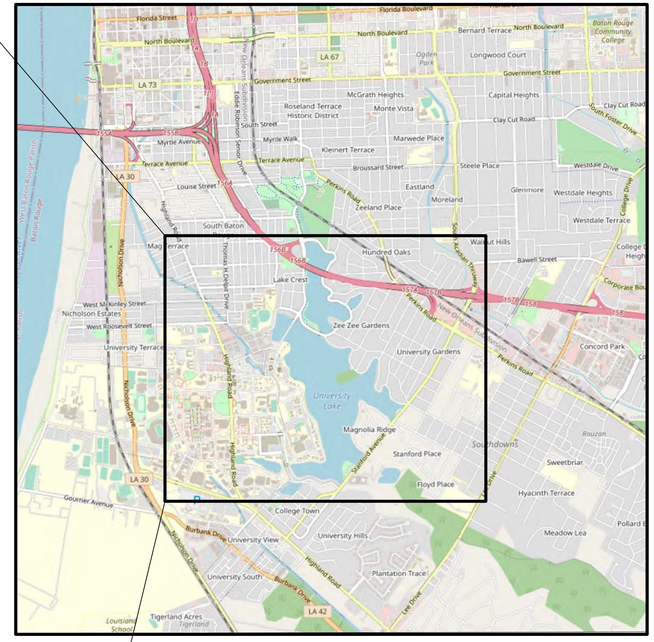
Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

John M. Herman
Chief, Central Evaluation Branch Regulatory Division

Enclosures

VICINITY SITE MAP
SCALE: 1" = 500'



LOCATION SITE MAP
SCALE: 1" = 2,500'

UNIVERSITY LAKES, LLC

AQUATIC RESTORATION
&
FLOOD RISK REDUCTION

Lat. 30◦ 25' 28.82" N
Long. 91◦ 10' 2.08" W

N

500' 250' 0' 500' 1000'

CSRS

PRELIMINARY
MODIFIED BY
CSRS, LLC

TO OBTAIN A SECTION 404 PERMIT AND SECTION 401 WATER QUALITY CERT.

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

VICINITY & LOCATION MAP

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

SHEET 1

SaveDate: 2022/05/26 9:06 AM Login: Scott, Patrick
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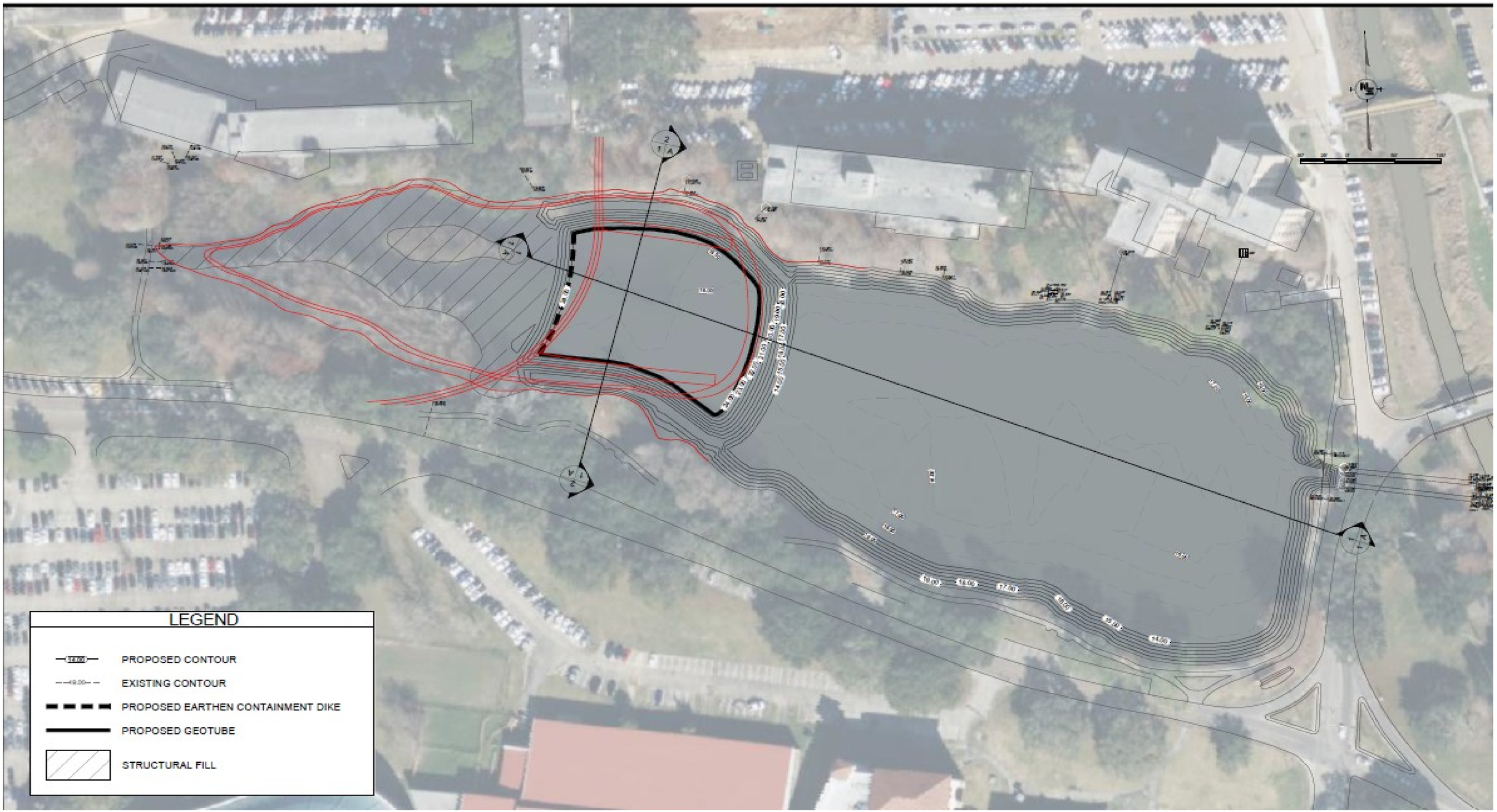

CAMPUS LAKE DREDGE/FILL PLAN

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CSRS

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LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

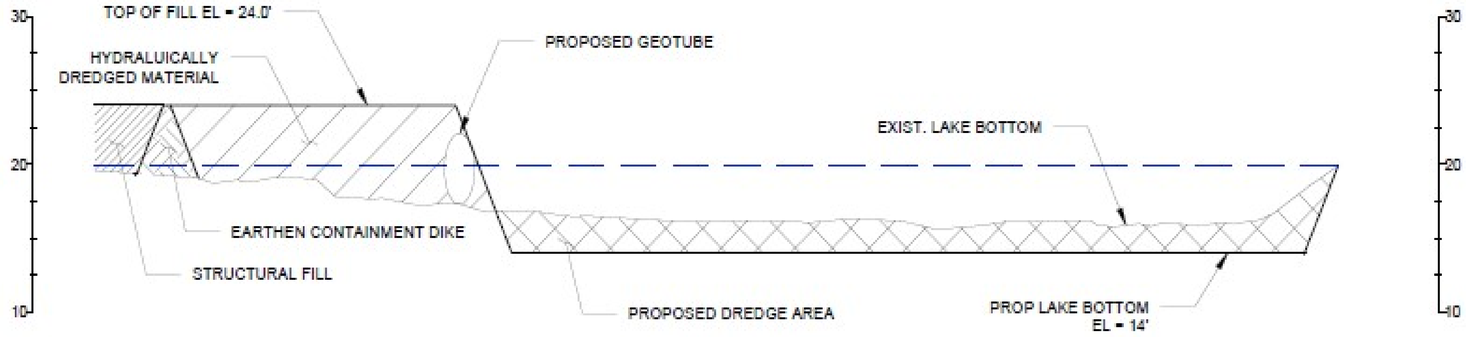
DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

CAMPUS LAKE
DREDGE/FILL PLAN

U-2

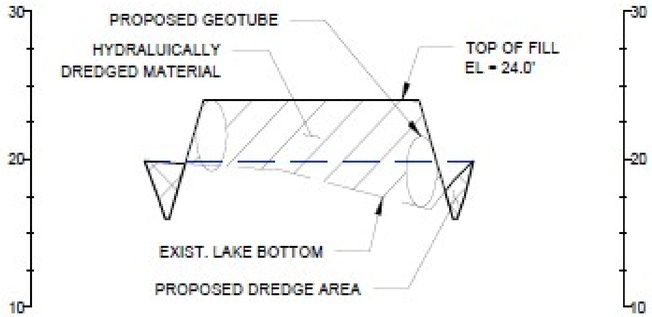
SHEET 2



1 TYPICAL SECTION - CAMPUS LAKE
SCALE: 1"=50'

ESTIMATED QUANTITIES - CAMPUS LAKE		
	VOLUME (CY)	AREA (ACRES)
DREDGE	9,234.45	3.21
CONTAINED FILL (HAULED IN)	26,851.78	3.69

ESTIMATED QUANTITIES - GEOTUBE CONTAINMENT	
	LENGTH (LF)
CAMPUS LAKE	272



2 TYPICAL SECTION - CAMPUS LAKE
SCALE: 1"=50'

LEGEND

- DREDGE AREA
- HYDRAULICALLY DREDGED FILL PLACEMENT
- STRUCTURAL FILL PLACEMENT

CAMPUS LAKE CROSS-SECTIONS
SCALE: 1" = 70'

70' 35' 0' 70' 140'

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TO OBTAIN A SECTION 404
PERMIT AND SECTION 401
WATER QUALITY CERT.

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

CAMPUS LAKE
CROSS-SECTIONS

U-3

SHEET 3

SaveDate: 2022/05/27 2:53 PM Login: Scott, Patrick
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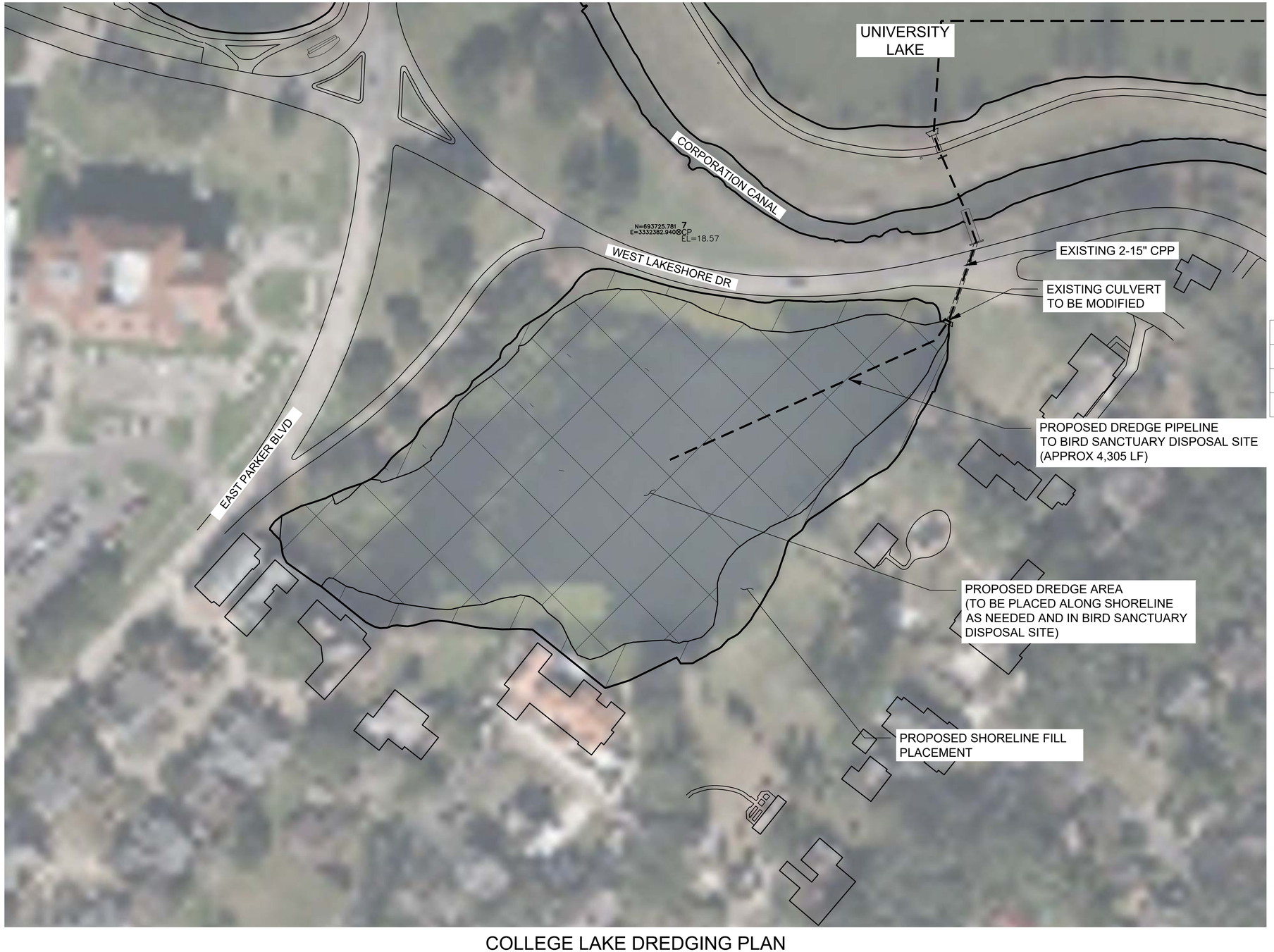


LEGEND

- SONAR CONTACT
- STUMP
- DEBRIS/VEGETATION
- DREDGE AREA
- SHORELINE PLACEMENT AREA
- CONTAINED FILL PLACEMENT AREA
- EARTHEN CONTAINMENT
- GEOTUBE CONTAINMENT

ESTIMATED QUANTITIES - COLLEGE LAKE		
	VOLUME (CY)	AREA (ACRES)
DREDGE	15,412.29	3.84
SHORELINE FILL	1,100.68	0.90

COLLEGE LAKE DREDGING PLAN

SCALE: 1" = 60'

60' 30' 0' 60' 120'

PRELIMINARY
MODIFIED BY CSRS, LLC

TO OBTAIN A SECTION 404 PERMIT AND SECTION 401 WATER QUALITY CERT.

CSRS

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

COLLEGE LAKE DREDGE PLAN

U-4

DRAWN BY: P. SCOTT

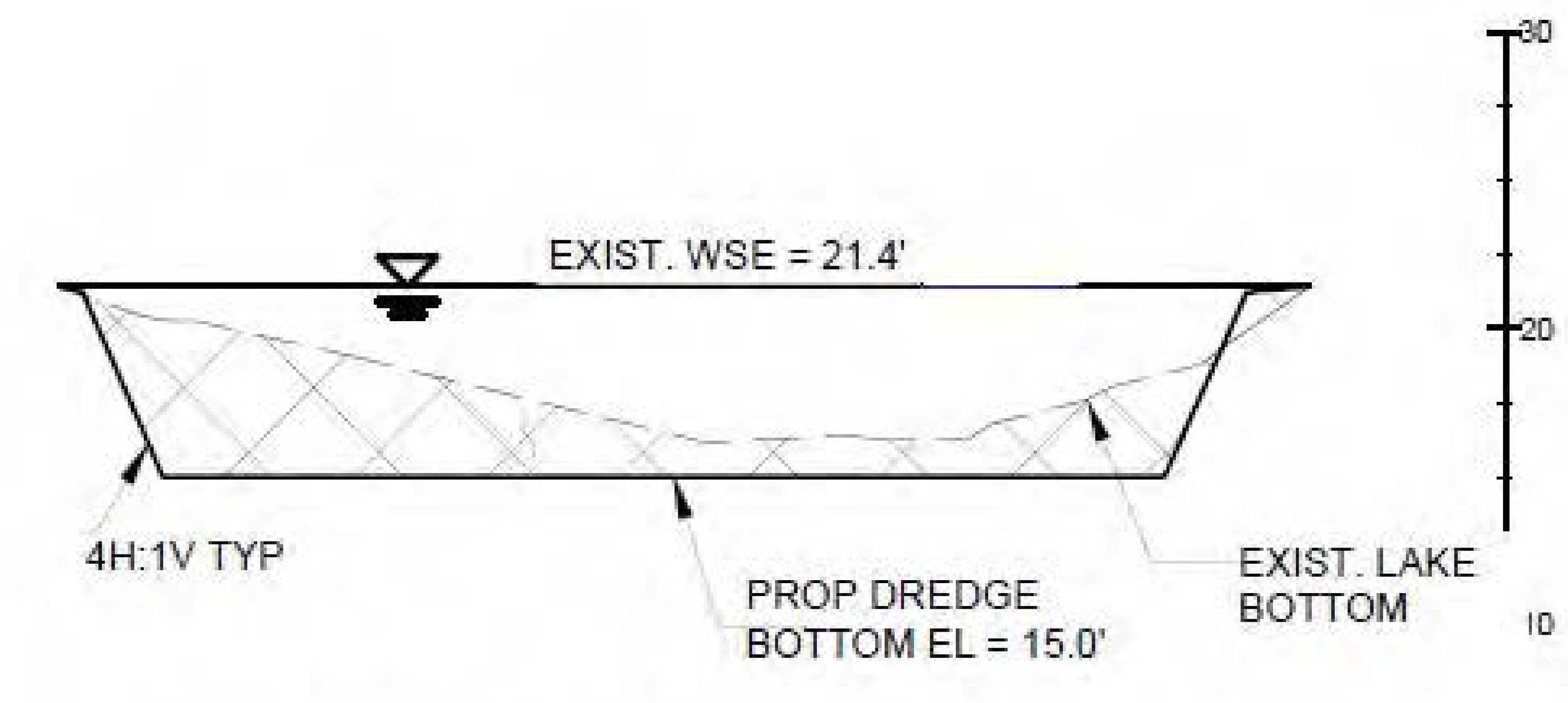
DESIGNED BY: R. WALDRON

SHEET 4

SaveDate: 20220527 2:53 PM, Login: Scott, Patrick
C:\02_100 dredging & grading.dwg

LEGEND

14.00	PROPOSED CONTOUR
19.00	EXISTING CONTOUR
○	APPARENT EXISTING CYPRESS TREE
━━	PROPOSED GEOTUBE
■	EXISTING PIER/DOCK



3 TYPICAL SECTION - COLLEGE LAKE

SCALE: 1"=60'

COLLEGE LAKE GRADING PLAN

SCALE: 1" = 60'

PRELIMINARY MODIFIED BY CSRS, LLC

TO OBTAIN A SECTION 404 PERMIT AND SECTION 401 WATER QUALITY CERT.

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

COLLEGE LAKE GRADING PLAN

U-5

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

SHEET 5

NOTES:

1. BATHYMETRIC DATA SHOWN IS BASED ON SURVEY DATA COLLECTED BY CH FENSTERMAKER & ASSOCIATES, LLC ON APRIL 1, 2021.
2. ELEVATIONS PROVIDED HEREIN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM (NAVD88) - GEOID 18.
3. COORDINATE SYSTEM: STATE PLAN NAD83 (2011), US FOOT, LOUISIANA SOUTH ZONE 1702.
4. CONTOURS SHOWN WERE GENERATED USING CROSS SECTIONS COLLECTED AT 200FT INTERVALS WITHIN THE SURVEY AREA AS PROVIDED BY THE SURVEYOR.
5. AERIAL IMAGERY SHOWN IS FOR REFERENCE ONLY AND MAY NOT REFLECT CURRENT CONDITIONS.
6. NATURAL GROUND ELEVATIONS SHOWN ARE FOR REFERENCE ONLY.
7. MAINTAIN A MINIMUM OF 20 FT CLEARANCE BETWEEN EXISTING CYPRESS TREES AND DREDGING OPERATIONS.
8. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION OF FILL PLACEMENT AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

100' 50' 0' 100' 200'

LEGEND

- DREDGE AREA
- FILL PLACEMENT AREA
- NO WORK AREA
- APPARENT EXISTING TREE DRIPLINE
- PROPOSED GEOTEXTILE TUBE CONTAINMENT
- 14.00 PROPOSED CONTOUR
- 19.00 EXISTING CONTOUR
- APPARENT EXISTING CYPRESS TREE

DREDGING TO BE COMPLETED BY I-10 BRIDGE TEAM
EXISTING BRIDGE TOP OF DECK =23.79'
EXISTING CULVERT 18" CMP
E. LAKESHORE DR
PROPOSED ISLAND
PROPOSED GEOTEXTILE FABRIC TUBE
EXISTING BANKLINE
PROPOSED ISLAND
EXISTING BRIDGE
PROPOSED GEOTEXILE FABRIC TUBE
NO WORK WITHIN 20' OF EXISTING CYPRESS TREES
EXISTING BANKLINE
INTERSTATE 10
NO DREDGE WITHIN 10' OF BRIDGE PILES
C 306
2 A 2
11.00
14.00
23.00
MAY ST
EXISTING CULVERT 48" RCP
EXISTING DBL RCB
DALYRYMPLE DR
NO WORK WITHIN 20' OF EXISTING CYPRESS TREES
EXISTING DOCK

U-6 - REV

V:\PROJECTS\300\450\00\50\01\58\UNIVERSITY LAKES - FLOOD RISK REDUCTION\7.0 DESIGN\6 DRAWINGS\04 100% DESIGN\CITY PARK LAKE 100% REVS.DWG 1/25/2022 8:38 AM

PRELIMINARY—FOR REVIEW ONLY

These documents are for Design Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under supervision of:

Type or Print Name PE# Date

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	05/18/22	LS	30% DESIGN UPDATE

DRAWING INFORMATION	
N-S PROJECT NO.:	NS.XXXXXXX
FILENAME:	City Park Lake 100%_rev5.dwg
SCALE:	
SURVEYED BY:	CH FENSTERMAKER, LLC
DSGN: LES	DATE: 07/2021
DRWN: LES	DATE: 07/2021
CHKD: GPL	DATE: 07/2021
QA/QC:	DATE:

UNIVERSITY LAKES
FLOOD RISK REDUCTION DESIGN

BATON ROUGE, LA

PRELIMINARY

THESE DOCUMENTS ARE FOR DESIGN REVIEW AND NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

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NEEL-SCHAFFER Solutions you can build upon

CITY PARK LAKE
DREDGING PLAN

WORKING NUMBER:

SHEET NUMBER: 1

NOTES:

1. BATHYMETRIC DATA SHOWN IS BASED ON SURVEY DATA COLLECTED BY CH FENSTERMAKER & ASSOCIATES, LLC ON APRIL 1, 2021.
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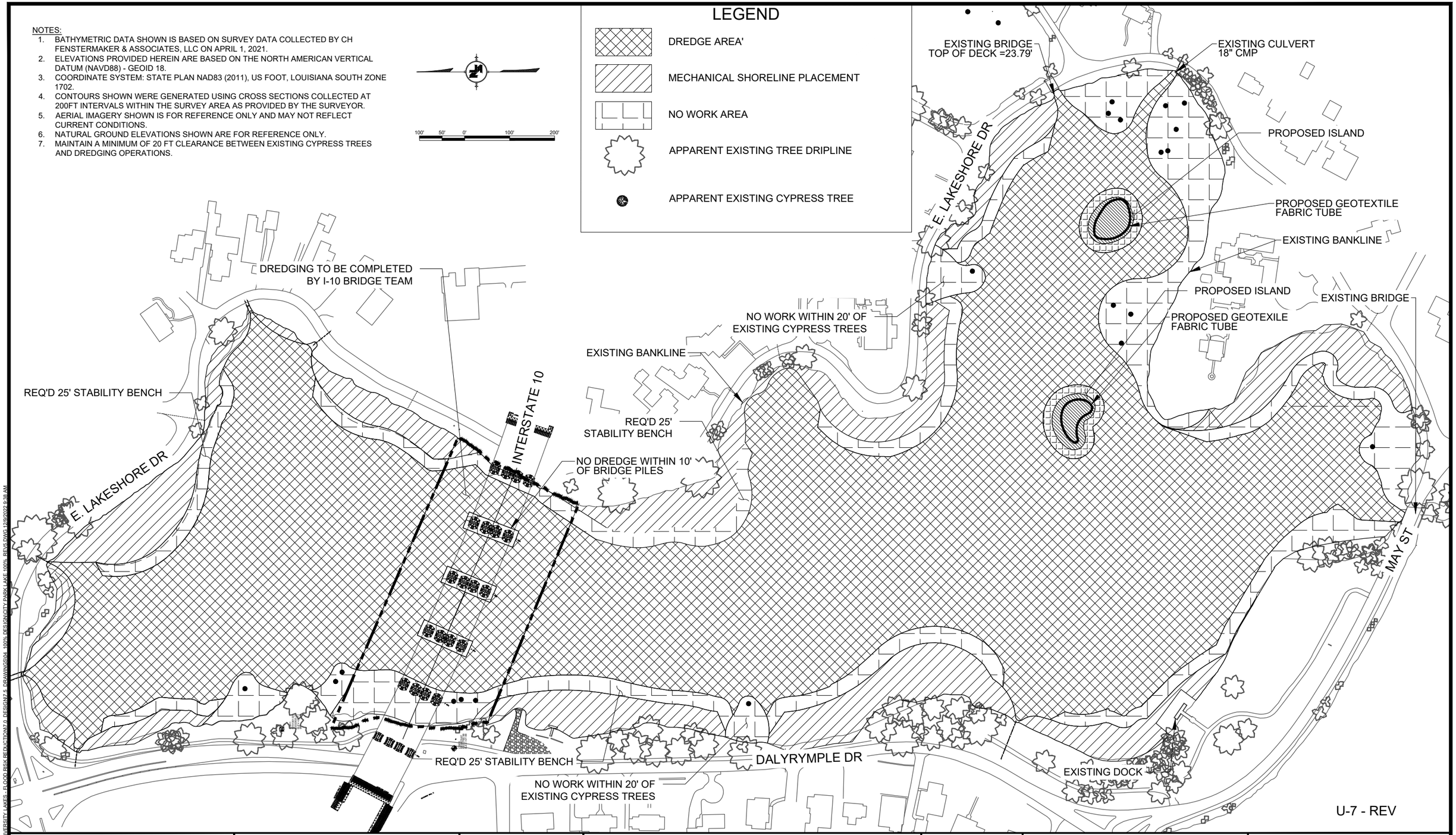
4. CONTOURS SHOWN WERE GENERATED USING CROSS SECTIONS COLLECTED AT 200FT INTERVALS WITHIN THE SURVEY AREA AS PROVIDED BY THE SURVEYOR.
5. AERIAL IMAGERY SHOWN IS FOR REFERENCE ONLY AND MAY NOT REFLECT CURRENT CONDITIONS.
6. NATURAL GROUND ELEVATIONS SHOWN ARE FOR REFERENCE ONLY.
7. MAINTAIN A MINIMUM OF 20 FT CLEARANCE BETWEEN EXISTING CYPRESS TREES AND DREDGING OPERATIONS.

100' 50' 0' 100' 200'

LEGEND

- DREDGE AREA'
- MECHANICAL SHORELINE PLACEMENT
- NO WORK AREA
- APPARENT EXISTING TREE DRIPLINE
- APPARENT EXISTING CYPRESS TREE



U-7 - REV

PRELIMINARY–FOR REVIEW ONLY

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Type or Print Name PE# Date

REVISIONS				DRAWING INFORMATION	
NO.	DATE	BY	DESCRIPTION	N–S PROJECT NO.: NS.XXXXXXX	
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				SCALE:	
				SURVEYED BY: CH FENSTERMAKER, LLC	
				DSGN: LES	DATE: 07/2021
				DRWN: LES	DATE: 07/2021
				CHKD: GPL	DATE: 07/2021
				QA/QC:	DATE:

UNIVERSITY LAKES
FLOOD RISK REDUCTION DESIGN

BATON ROUGE, LA

PRELIMINARY

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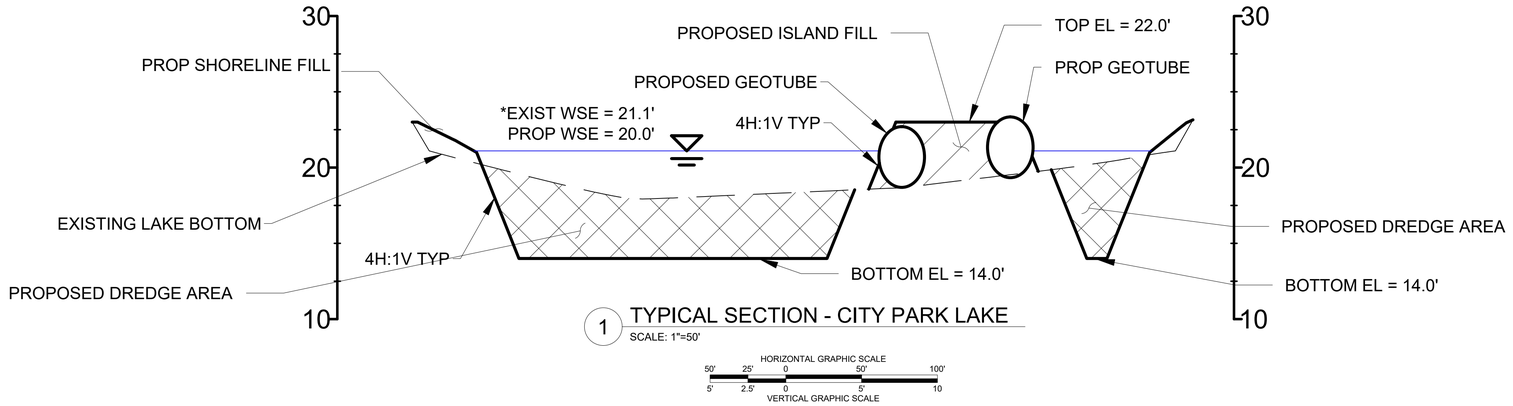
CITY PARK LAKE
DREDGING PLAN

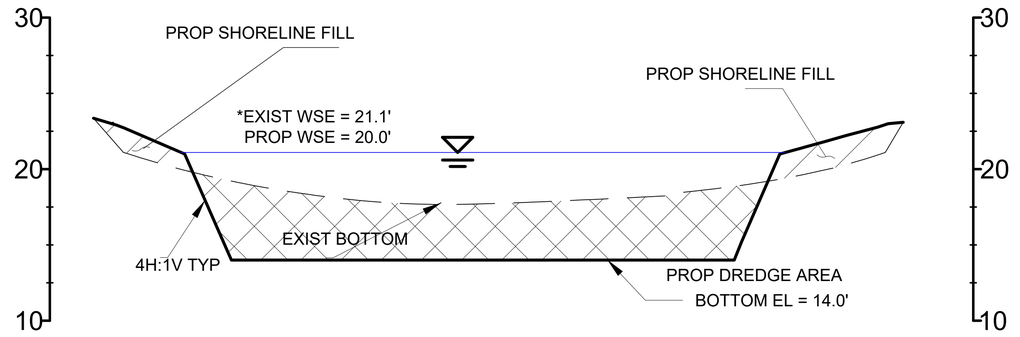
WORKING NUMBER:

SHEET NUMBER: 1

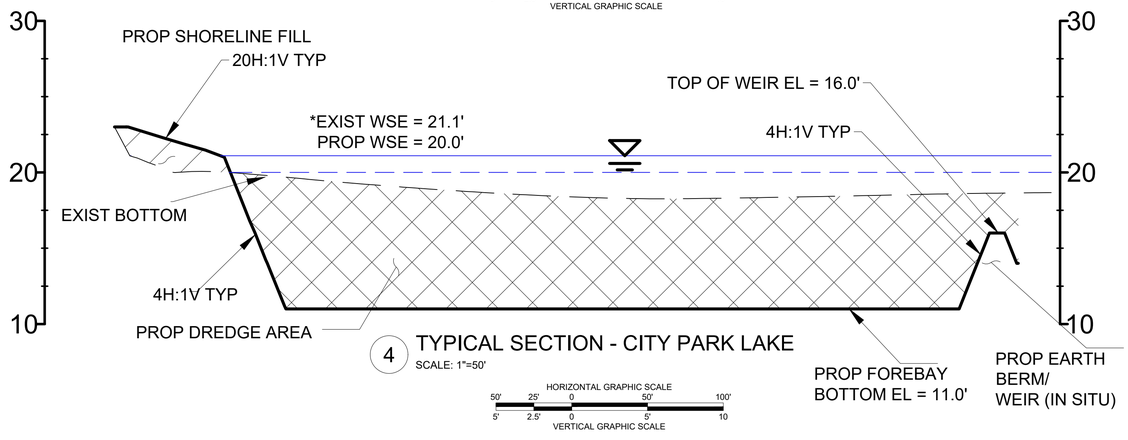
V:\PROJECTS\001\500\00\165501\165569 UNIVERSITY LAKES - FLOOD RISK REDUCTION\7.0 DESIGN\7.5 DRAWINGS\04 100% DESIGN\CITY PARK LAKE 100% REV5.DWG 12/9/2022 9:38 AM



1 TYPICAL SECTION - CITY PARK LAKE
SCALE: 1"=50'



2 TYPICAL SECTION - CITY PARK LAKE
SCALE: 1"=50'



4 TYPICAL SECTION - CITY PARK LAKE
SCALE: 1"=50'

LEGEND

- DREDGE AREA
- SHORELINE PLACEMENT AREA

CSRS

PRELIMINARY
MODIFIED BY
CSRS, LLC

TO OBTAIN A SECTION 404
PERMIT AND SECTION 401
WATER QUALITY CERT.

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

CITY PARK
TYPICAL SECTIONS

U-8A

SHEET 8

SaveDate: 2022/05/26 12:15 PM Login: Scott, Patrick
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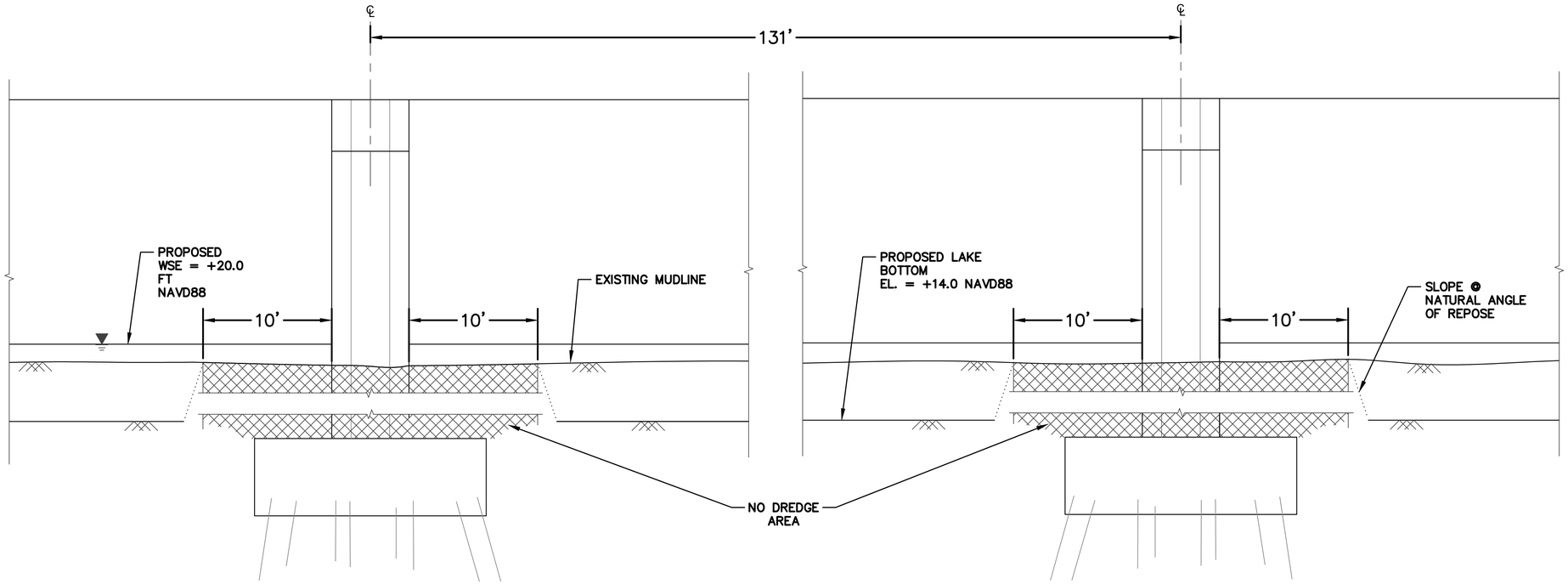

C SCALE: 1" = 5'

REV.	DATE	DESCRIPTION	BY

Stantec

ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT | DESIGNED BY: R. WALDRON

TYPICAL SECTION DETAIL

STANTEC PROJECT NUMBER: 177311664

APPROVED BY: T. CANCIENNE

U-8B

DATE: 12/5/2022

SHEET C-306

LEGEND

- SONAR CONTACT
- STUMP
- DEBRIS/VEGETATION
- DREDGE AREA
- SHORELINE PLACEMENT AREA
- CONTAINED FILL PLACEMENT AREA
- EARTHEN CONTAINMENT
- GEOTUBE CONTAINMENT

ESTIMATED QUANTITIES - ERIE LAKE		
	VOLUME (CY)	AREA (ACRES)
DREDGE	18,632.01	2.47
SHORELINE FILL	479.85	1.07

LAKE ERIE DREDGING PLAN

SCALE: 1" = 50'

N

50' 25' 0' 50' 100'

PRELIMINARY
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PERMIT AND SECTION 401
WATER QUALITY CERT.

CSRS

Stantec

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LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

LAKE ERIE
DREDGING PLAN

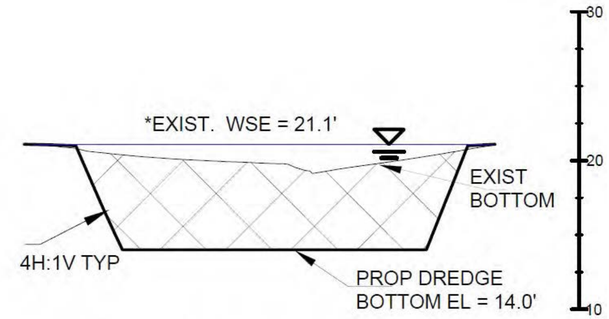
U-9

SHEET 9

SaveDate: 2022/05/27 2:53 PM Login: Scott, Patrick
c-102 to 109 dredging & grading.dwg

LEGEND

- 14.00 — PROPOSED CONTOUR
- 19.00 — EXISTING CONTOUR
- APPARENT EXISTING CYPRESS TREE
- PROPOSED GEOTUBE



3 TYPICAL SECTION - ERIE LAKE

SCALE: 1"=60'

HORIZONTAL GRAPHIC SCALE
60' 30' 0 60' 120'
6' 3' 0 6' 6'
VERTICAL GRAPHIC SCALE

LAKE ERIE GRADING PLAN

SCALE: 1" = 50'

N

50' 25' 0' 50' 100'

CSRS

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RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT

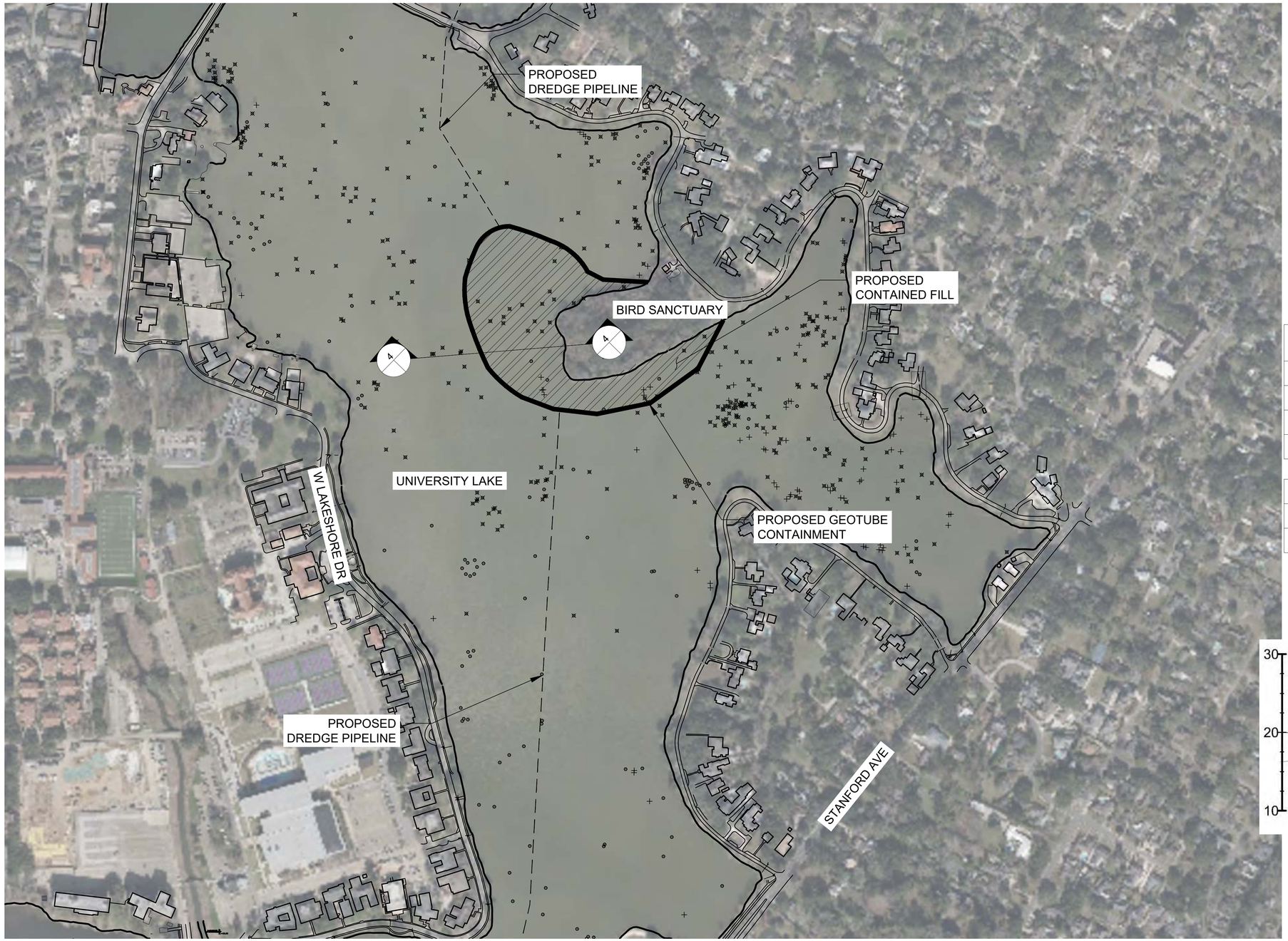
DESIGNED BY: R. WALDRON

LAKE ERIE GRADING PLAN

U-10

SHEET 10

SaveDate: 20220527 2:53 PM Login: Scott, Patrick
c:\t02.10\Grading & Lighting\Lake Erie Grading Plan.dwg

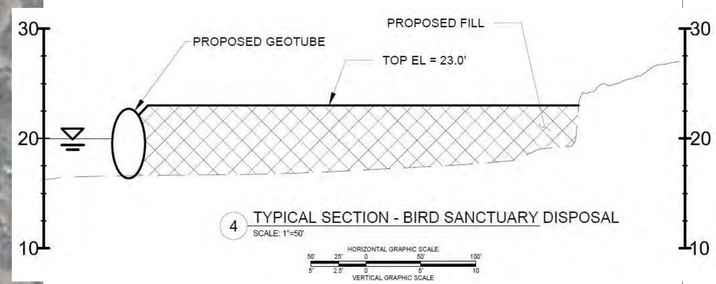


LEGEND

- SONAR CONTACT
- STUMP
- DEBRIS/VEGETATION
- DREDGE AREA
- SHORELINE PLACEMENT AREA
- CONTAINED FILL PLACEMENT AREA
- EARTHEN CONTAINMENT
- GEOTUBE CONTAINMENT

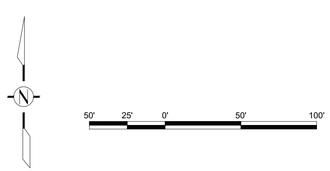
ESTIMATED QUANTITIES - GEOTUBE CONTAINMENT	
	LENGTH (LF)
BIRD SANCTUARY	2,843
CITY PARK LAKE ISLANDS	2,802
CAMPUS LAKE	272

ESTIMATED QUANTITIES - BIRD SANCTUARY		
	VOLUME (CY)	AREA (ACRES)
CONTAINED FILL	100,671.39	10.59



DREDGE PIPELINES AND BIRD SANCTUARY DISPOSAL PLAN (UNIVERSITY LAKE)

SCALE: 1" = 250'



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TO OBTAIN A SECTION 404 PERMIT AND SECTION 401 WATER QUALITY CERT.

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ENGINEER OF RECORD:
RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES
RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DREDGE PIPELINES AND BIRD SANCTUARY DISPOSAL PLAN (UNIVERSITY LAKE)

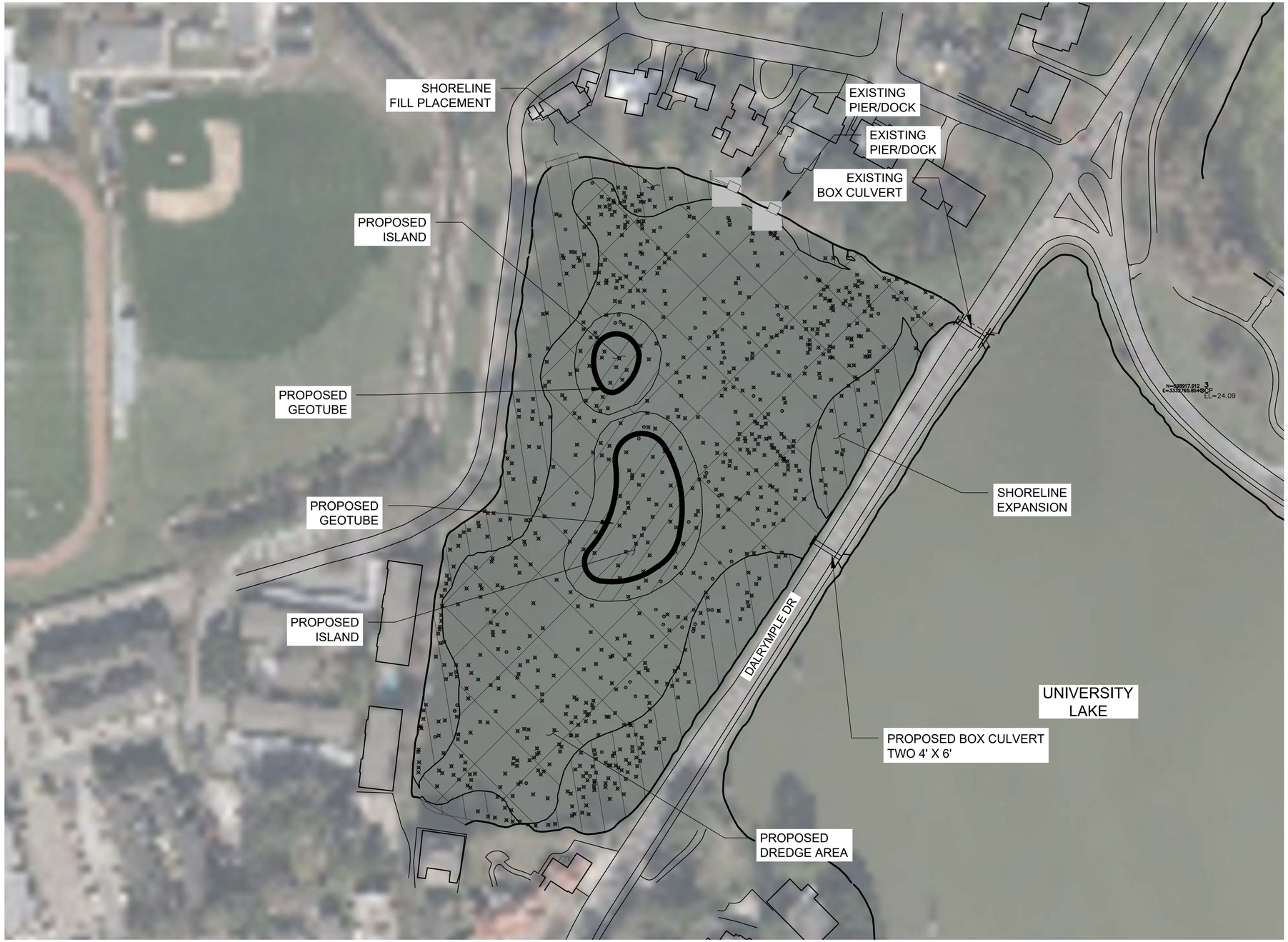
U-11

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

SHEET 11

SavedDate: 2022/05/27 2:53 PM Login: Scott, Patrick
c:\12d to 109 designs & plotting.dwg



LEGEND

- SONAR CONTACT
- STUMP
- DEBRIS/VEGETATION
- DREDGE AREA
- SHORELINE PLACEMENT AREA
- CONTAINED FILL PLACEMENT AREA
- EARTHEN CONTAINMENT
- GEOTUBE CONTAINMENT

ESTIMATED QUANTITIES - CREST LAKE		
	VOLUME (CY)	AREA (ACRES)
DREDGE	19,309.93	5.58
FILL	13,475.45	3.85

ESTIMATED QUANTITIES - GEOTUBE CONTAINMENT	
	LENGTH (LF)
CREST LAKE	779

LAKE CREST DREDGING PLAN

SCALE: 1" = 75'

75' 37.5' 0' 75' 150'

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RYAN WALDRON
LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

LAKE CREST DREDGING PLAN

U-12

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

SHEET 12

SaveDate: 2022/05/27 2:58 PM Login: Scott, Patrick
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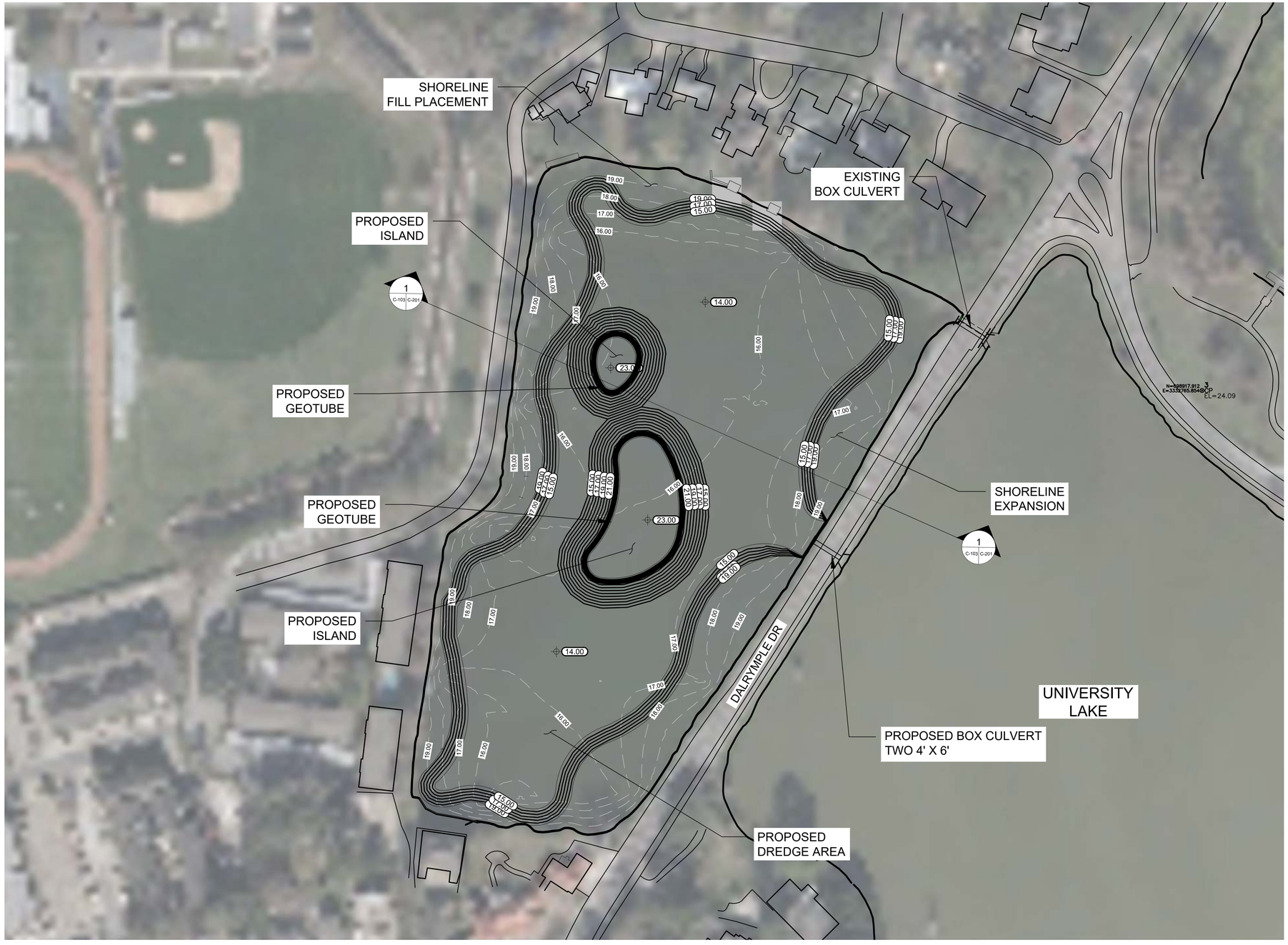
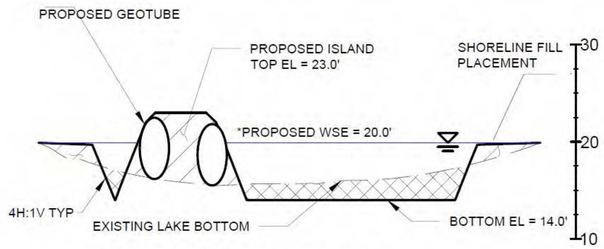


LEGEND

- 14.00 — PROPOSED CONTOUR
- 19.00 — EXISTING CONTOUR
- APPARENT EXISTING CYPRESS TREE
- PROPOSED GEOTUBE
- EXISTING PIER/DOCK



1 TYPICAL SECTION - CREST LAKE

HORIZONTAL GRAPHIC SCALE
60' 30' 0 60' 120'
VERTICAL GRAPHIC SCALE
6' 3' 0 6' 12'

LAKE CREST GRADING PLAN

SCALE: 1" = 75'

N

75' 37.5' 0' 75' 150'

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ENGINEER OF RECORD:
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LOUISIANA PE
LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

LAKE CREST GRADING PLAN

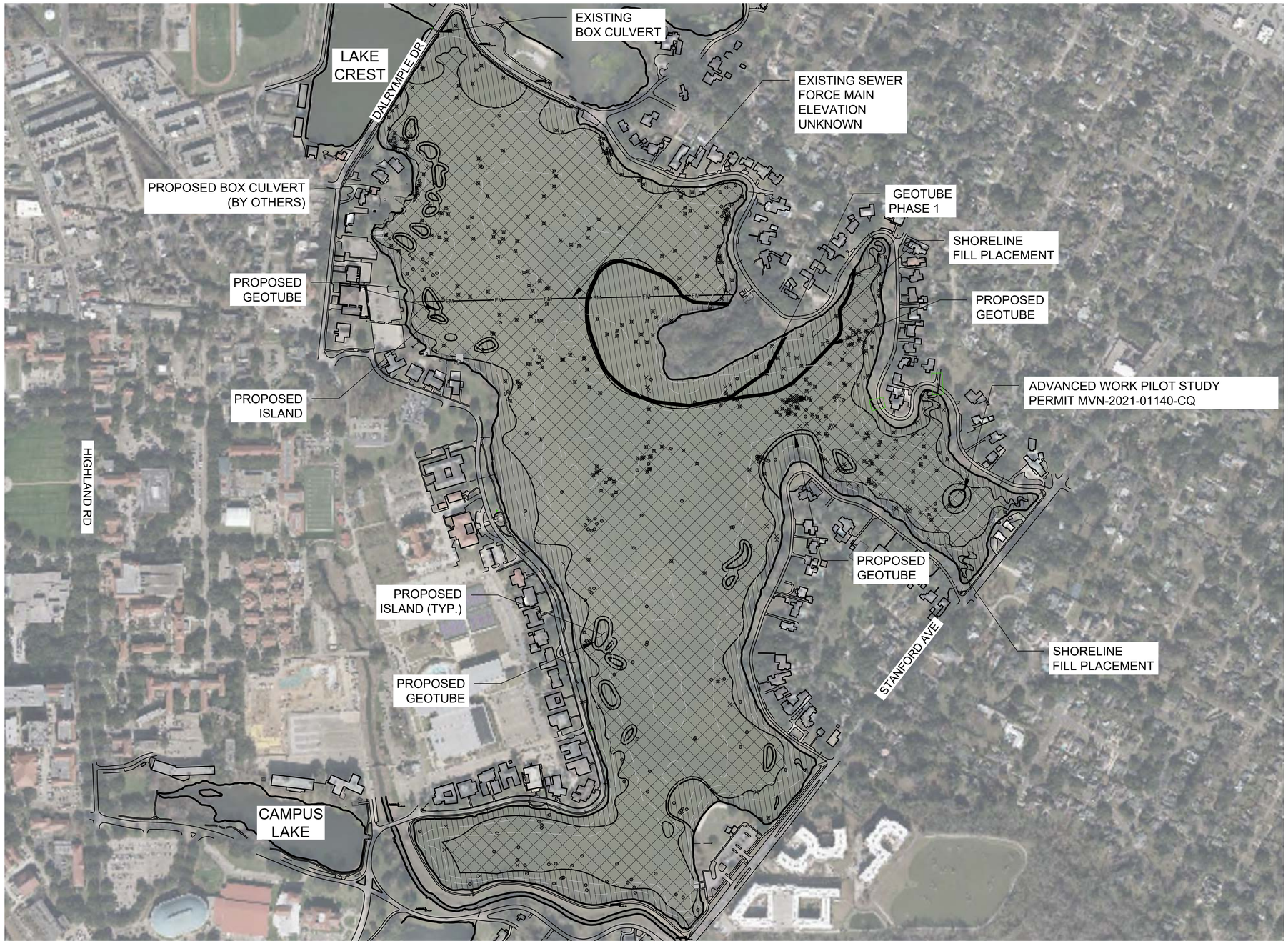
U-13

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

SHEET 13

SaveDate: 2022/05/27 2:56 PM Login: Scott, Patrick
c:\102 to 105 dwg\fig & grading.dwg



LEGEND

- SONAR CONTACT
- STUMP
- DEBRIS/VEGETATION
- DREDGE AREA
- SHORELINE PLACEMENT AREA
- CONTAINED FILL PLACEMENT AREA
- EARTHEN CONTAINMENT
- GEOTUBE CONTAINMENT
- FM — SEWER FORCE MAIN

ESTIMATED QUANTITIES - UNIVERSITY LAKE		
	VOLUME (CY)	AREA (ACRES)
DREDGE	670,793.15	139.56
FILL	131,028.09	56.35

ESTIMATED QUANTITIES - GEOTUBE CONTAINMENT	
	LENGTH (LF)
UNIVERSITY LAKE	7,757

UNIVERSITY LAKE DREDGING PLAN

SCALE: 1" = 325'

N

325' 162.5' 0' 325' 650'

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LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

UNIVERSITY LAKE DREDGING PLAN

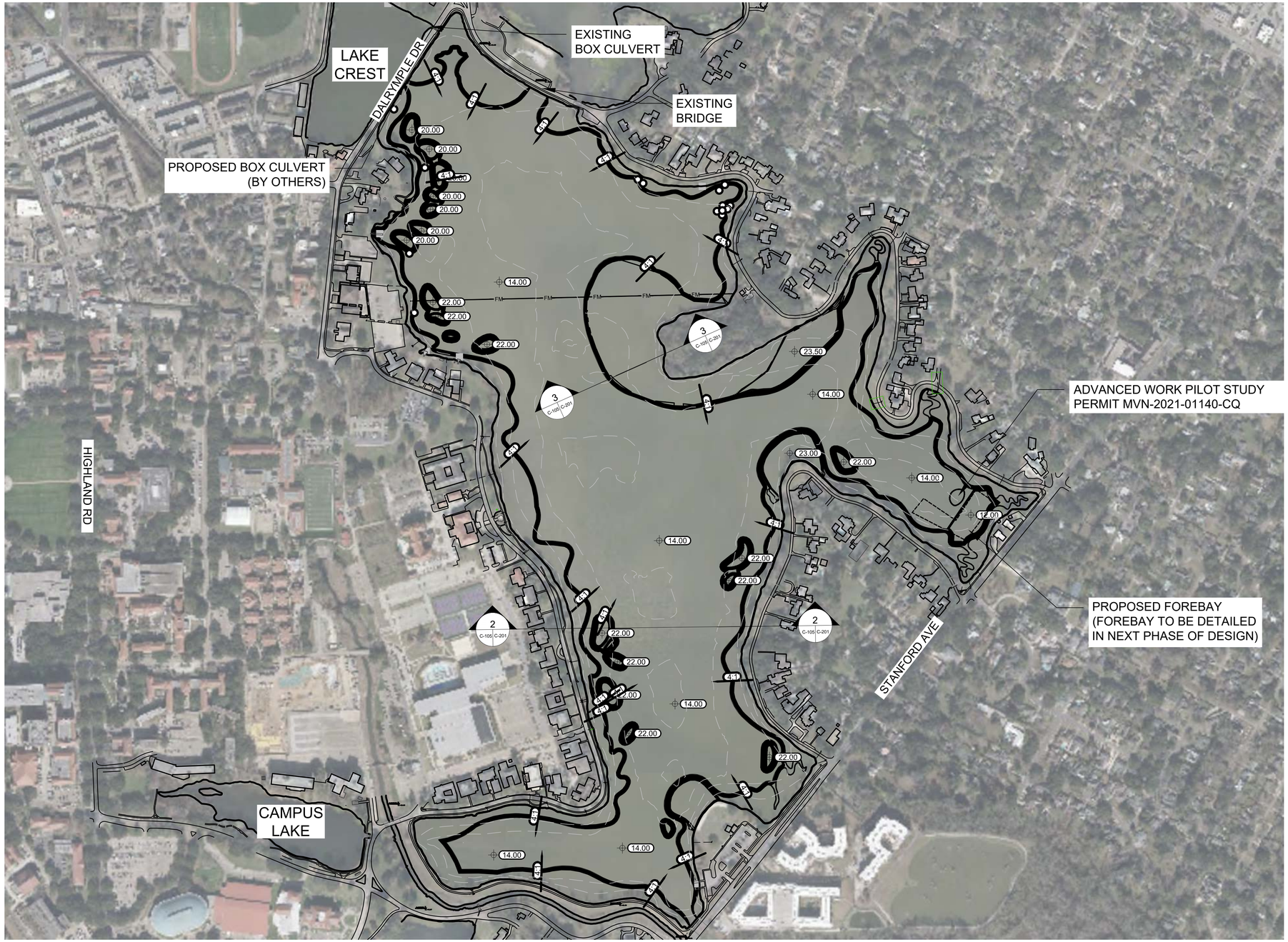
U-14

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

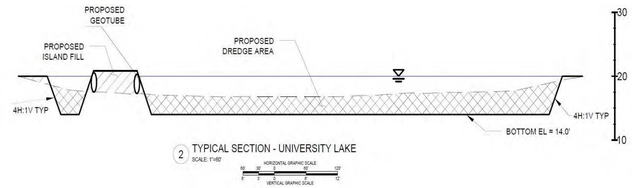
SHEET 14

SaveDate: 20220527 2:56 PM Login: Scott, Patrick
c:\102.10 dredging & grading.dwg

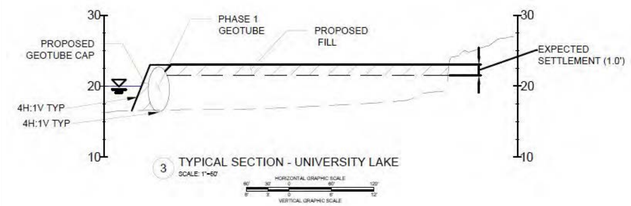


LEGEND

- 14.00 — PROPOSED CONTOUR
- 19.00 — EXISTING CONTOUR
- APPARENT EXISTING CYPRESS TREE
- PROPOSED GEOTUBE
- EXISTING PIER/DOCK



2 TYPICAL SECTION - UNIVERSITY LAKE
SCALE: 1"=50'



3 TYPICAL SECTION - UNIVERSITY LAKE
SCALE: 1"=50'

UNIVERSITY LAKE GRADING PLAN

SCALE: 1" = 325'

N

325' 162.5' 0' 325' 650'

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LICENSE NO.: 37706

UNIVERSITY LAKES RESTORATION PROJECT

BATON ROUGE, LOUISIANA

DRAWN BY: P. SCOTT

DESIGNED BY: R. WALDRON

UNIVERSITY LAKE GRADING PLAN

U-15

SHEET 15

SaveDate: 2022/05/27 2:56 PM Login: Scott, Patrick
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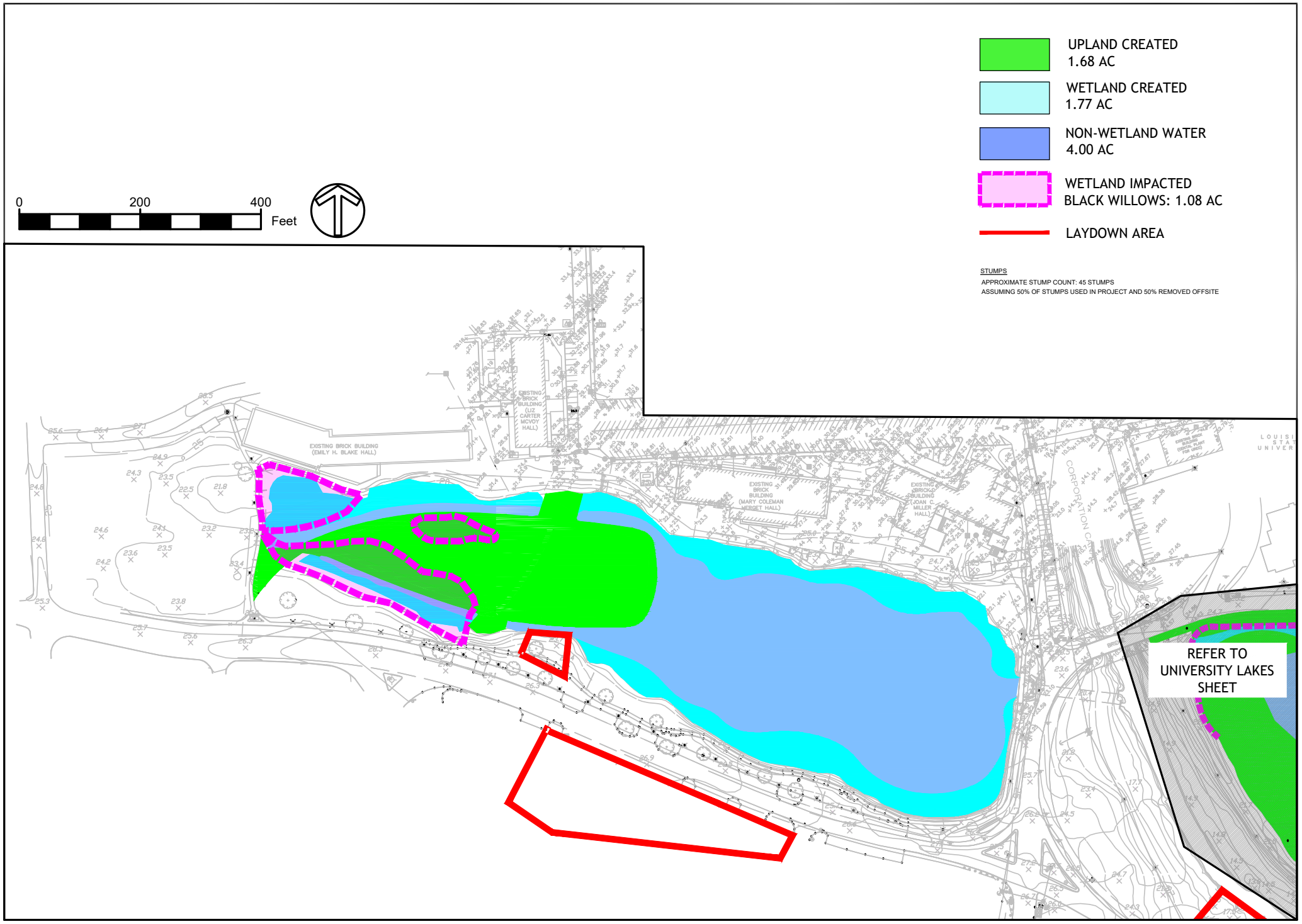

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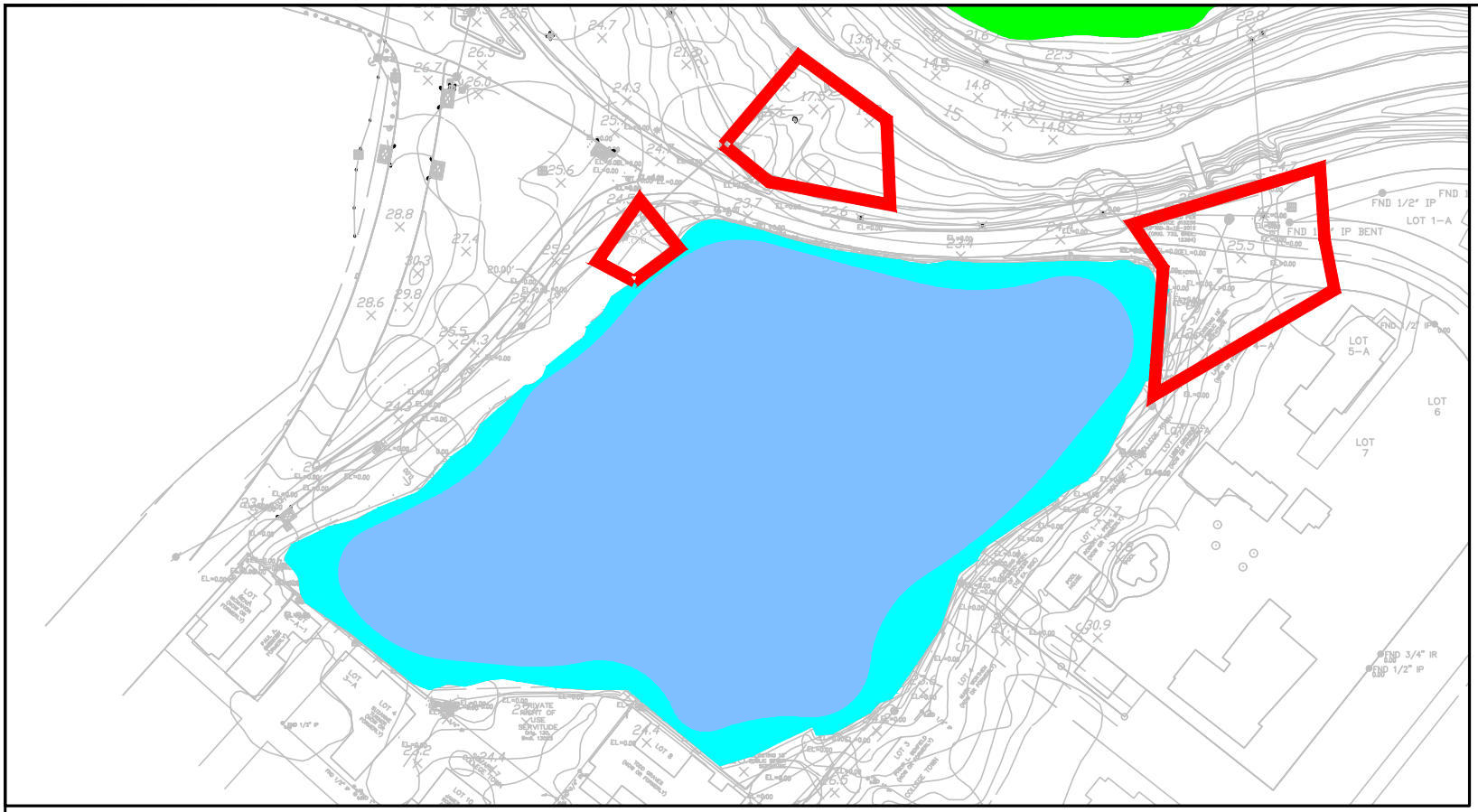
CAMPUS LAKE

FIGURE
S-1



UPLAND CREATED
0 AC

WETLAND CREATED
0.90 AC

NON-WETLAND WATER
3.84 AC

WETLAND IMPACTED
0 AC

LAYDOWN AREA

STUMPS

APPROXIMATE STUMP COUNT: UNKNOWN
ASSUMING 50% OF STUMPS USED IN PROJECT AND 50% REMOVED OFFSITE

0 150 300 Feet

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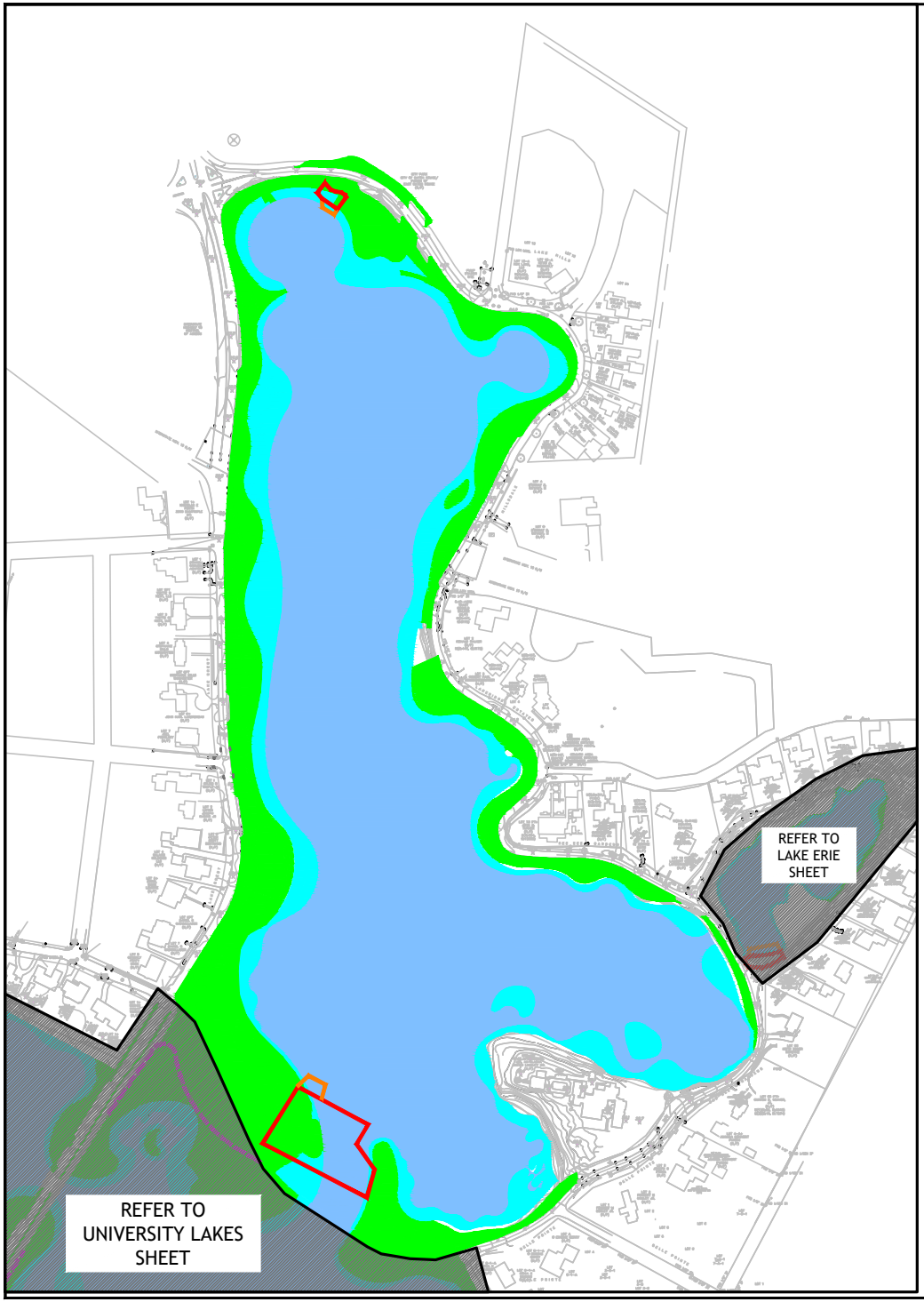
COLLEGE LAKE

FIGURE
S-2



UPLAND CREATED
11.24 AC

WETLAND CREATED
8.45 AC

NON-WETLAND WATER
37.58 AC

WETLAND IMPACTED
0 AC

LAYDOWN AREA

TEMPORARY BULKHEAD

STUMPS
APPROXIMATE STUMP COUNT: UNKNOWN
ASSUMING 50% OF STUMPS USED IN PROJECT AND 50% REMOVED OFFSITE

0 500 1000 Feet

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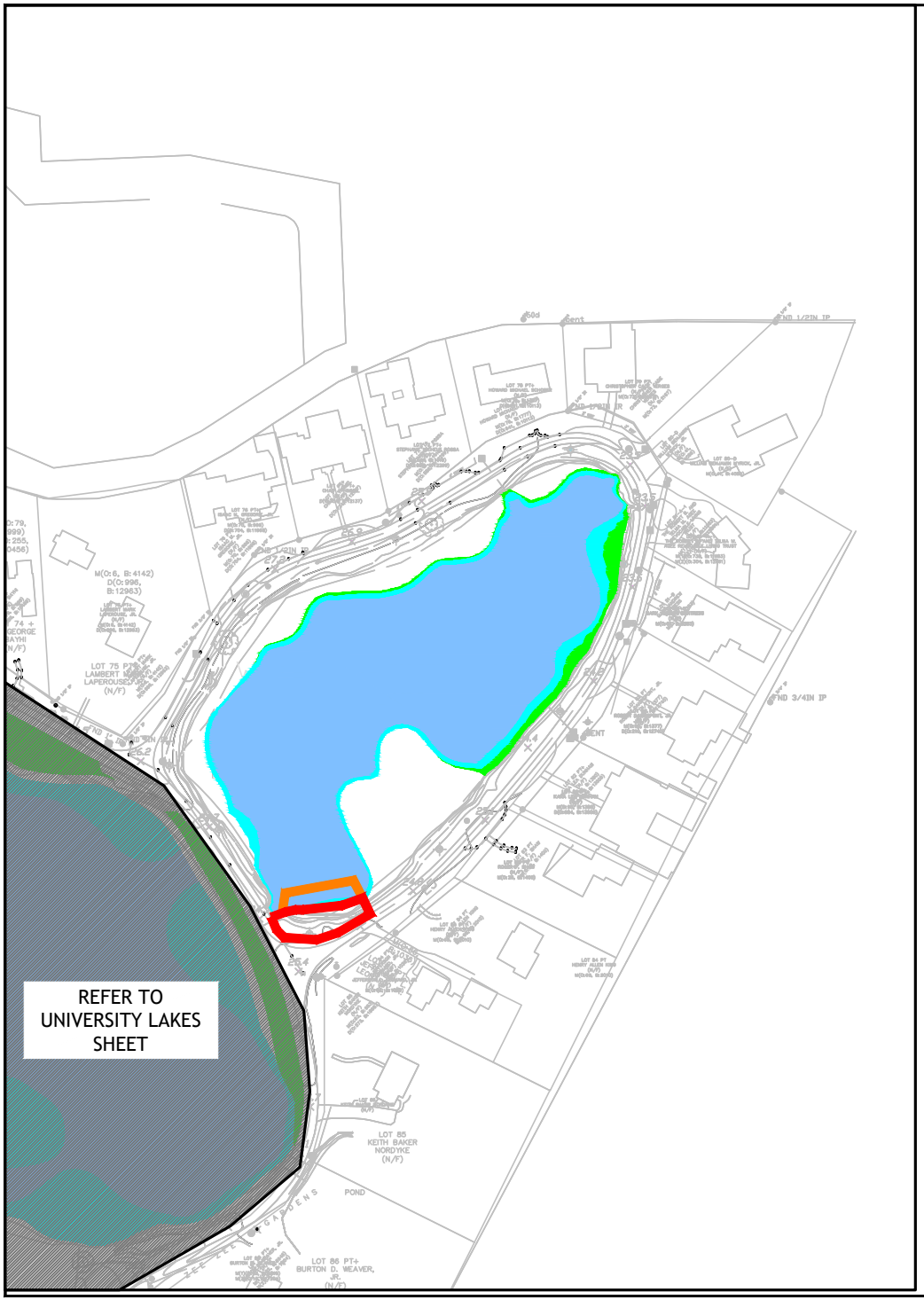
FOR
UNIVERSITY LAKES, LLC

CTIY PARK LAKE

FIGURE
S-3



UPLAND CREATED
1.07 AC

WETLAND CREATED
0.20 AC

NON-WETLAND WATER
2.47 AC

WETLAND IMPACTED
0 AC

LAYDOWN AREA

BULKHEAD

STUMPS

APPROXIMATE STUMP COUNT: UNKNOWN
ASSUMING 50% OF STUMPS USED IN PROJECT AND 50% REMOVED OFFSITE

0 200 400 Feet

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LAKE ERIE

FIGURE
S-4

UPLAND CREATED
2.00 AC

WETLAND CREATED
1.85 AC

NON-WETLAND WATER
5.58 AC

WETLAND IMPACTED
0 AC

LAYDOWN AREA

TEMPORARY BULKHEAD

STUMPS
APPROXIMATE STUMP COUNT: 70 STUMPS
ASSUMING 50% OF STUMPS USED IN PROJECT AND 50% REMOVED OFFSITE

0 200 400 Feet

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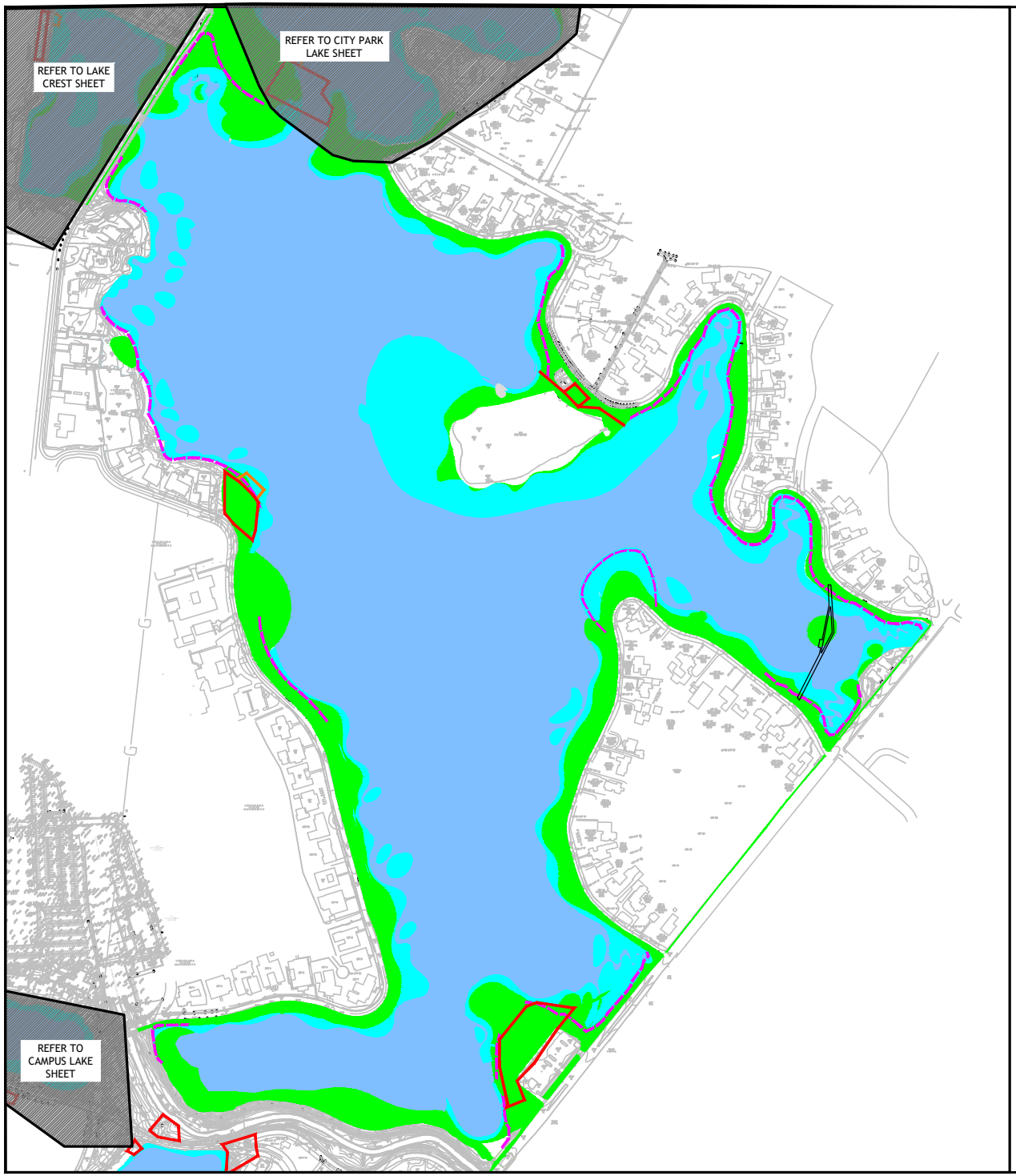
LAKE CREST

FIGURE
S-5



UPLAND CREATED
47.94 AC

WETLAND CREATED
19.25 AC

NON-WETLAND WATER
139.56 AC

WETLAND IMPACTED
MARSH: 2.05 AC

LAYDOWN AREA

TEMPORARY BULKHEAD

REFERENCE NOTES SCHEDULE

WOOD DECK, BOARDWALK DESCRIPTION	QTY
BOARDWALK	9,182 sf
CUSTOM BOARDWALK GRATE	400 sf
BOARDWALK PILINGS	90 ea

BOARDWALK NOTE:
ASSUMED HELICAL PILE DIAMETER: 6"
ASSUMED HELICAL PILE DEPTH: 15' BELOW MUDLINE

STUMPS
APPROXIMATE STUMP COUNT: 150 STUMPS
ASSUMING 50% OF STUMPS USED IN PROJECT AND 50% REMOVED OFFSITE

NOTE : THE PROPOSED MAY STREET BRIDGE WILL BE HAVE ONE SUPPORT WITHIN THE WATER.

0 750 1500 Feet

CSRS
6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808
Telephone: 225 769-0546
www.csrsinc.com

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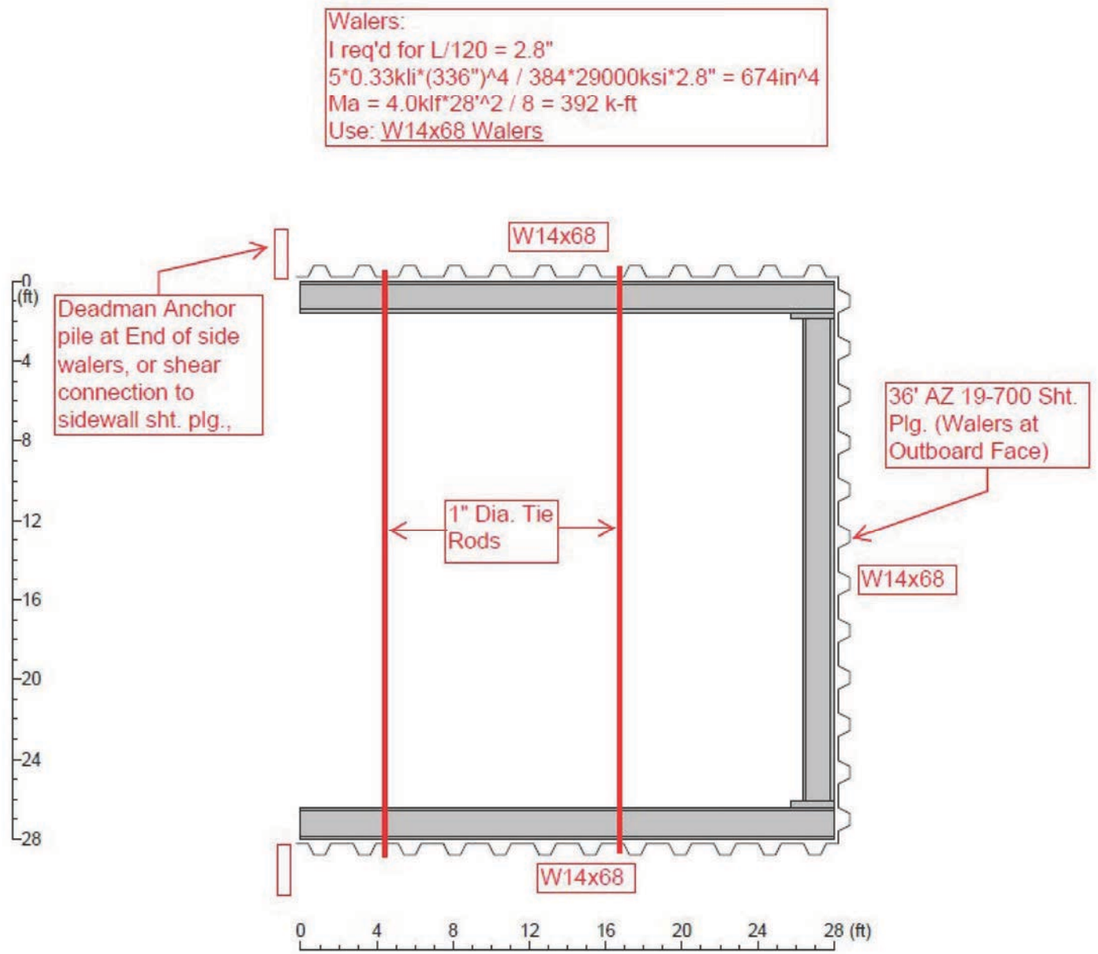
UNIVERSTIY LAKE

FIGURE
S-6



B-1- Bulkhead Design Typical

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8555 United Plaza Blvd.
Baton Rouge, Louisiana, 70809
Telephone: 225-831-2163
www.csrsinc.com

Project:

University Lakes Project

Revisions:

#	Date	Description

Project Data:

FIGURE B-1: Bulkhead Design Typical

SOURCED BY:
Glynn Geotechnical Engineering

Sheet Title:

Bulkhead Detail

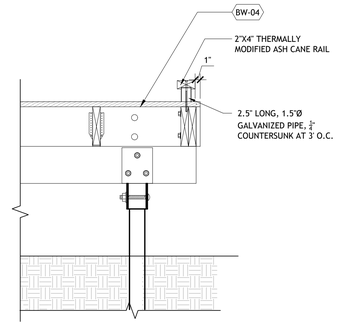
Date: 9/16/2022

Project Number:

Drawn By:

Checked By: ....

Sheet:

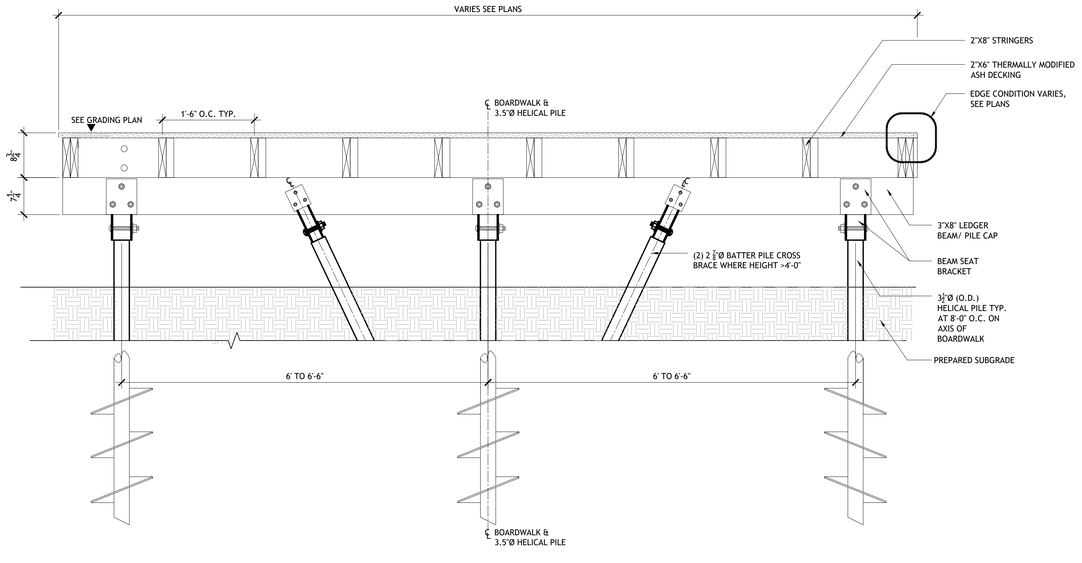


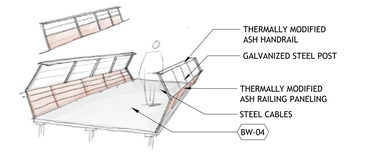
FC-01 CUSTOM SEATING STEPS
1"=1'-0"

BW-03 BOARDWALK EDGE RAIL
1"=1'-0"

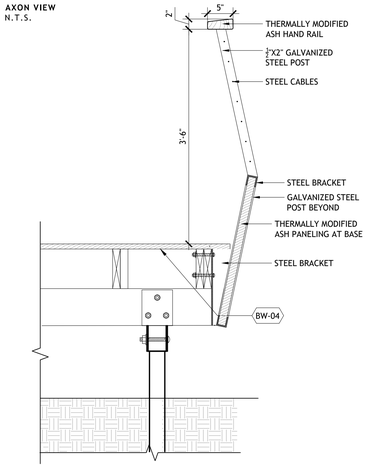
BW-05 CUSTOM BOARDWALK GRATE
1"=1'-0"

BW-02 CUSTOM BOARDWALK ELEMENT
1"=1'-0"





AXON VIEW
N.T.S.



BW-04 BOARDWALK
1"=1'-0"

BW-01 BOARDWALK GUARDRAIL
1"=1'-0"

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No.	Description	Date
1	100% Schematic Design	05/31/2022

DWG ISSUE & REVISION HISTORY

Stamp

Key Plan

Project Title:

UNIVERSITY LAKES
BATON ROUGE, LA

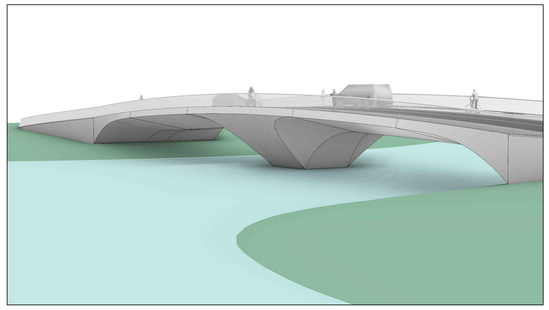
Drawing Title:

SITE DETAILS - BOARDWALK

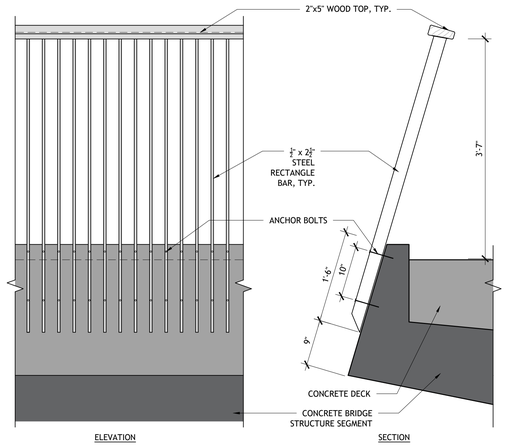
Project No: 08279 Scale: AS NOTED
Drawn By: CL, CZ, GJ, JV, LY, MS, TN
Checked By: MP
Approved By: AC, JB, ZC
Date: 05/31/2022

Drawing No:

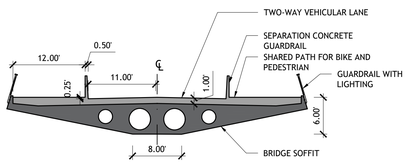
L8-20



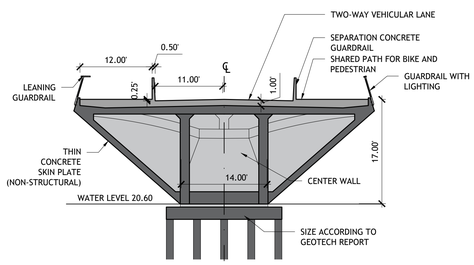
8 MAY ST BRIDGE MODEL VIEW
N.T.S.



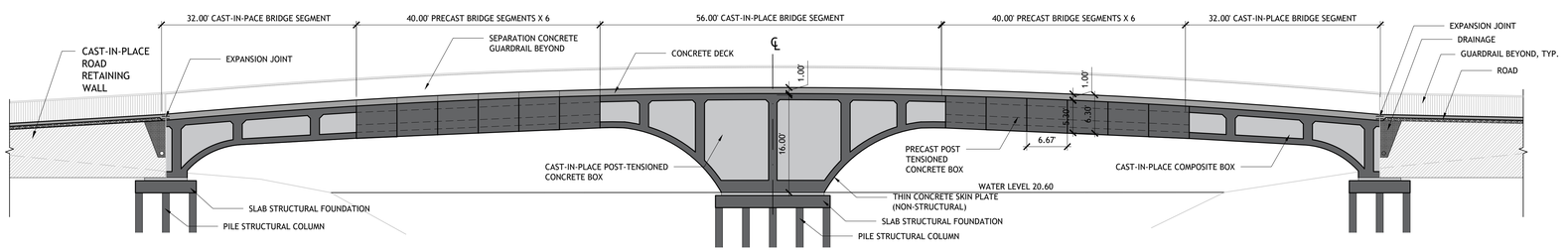
7 MAY ST BRIDGE RAILING DETAIL
1"=1'-0"



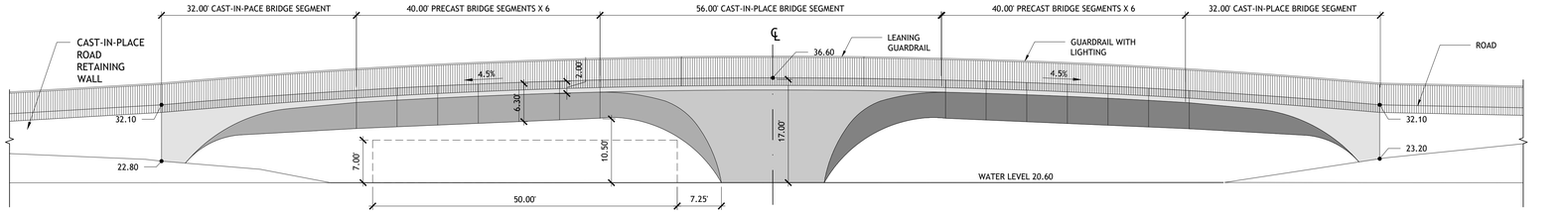
6 MAY ST BRIDGE SECTION 3
1"=10'



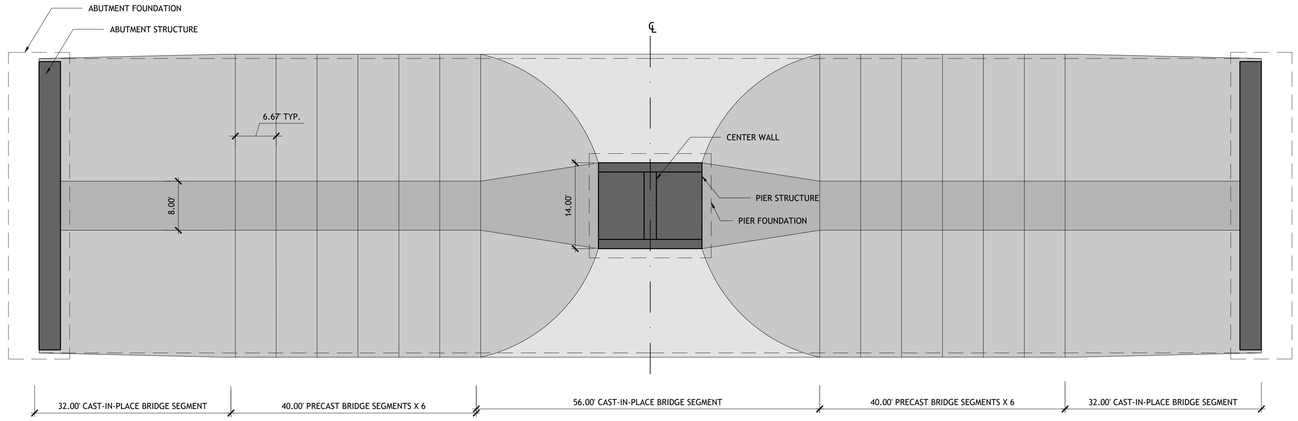
5 MAY ST BRIDGE SECTION 2
1"=10'



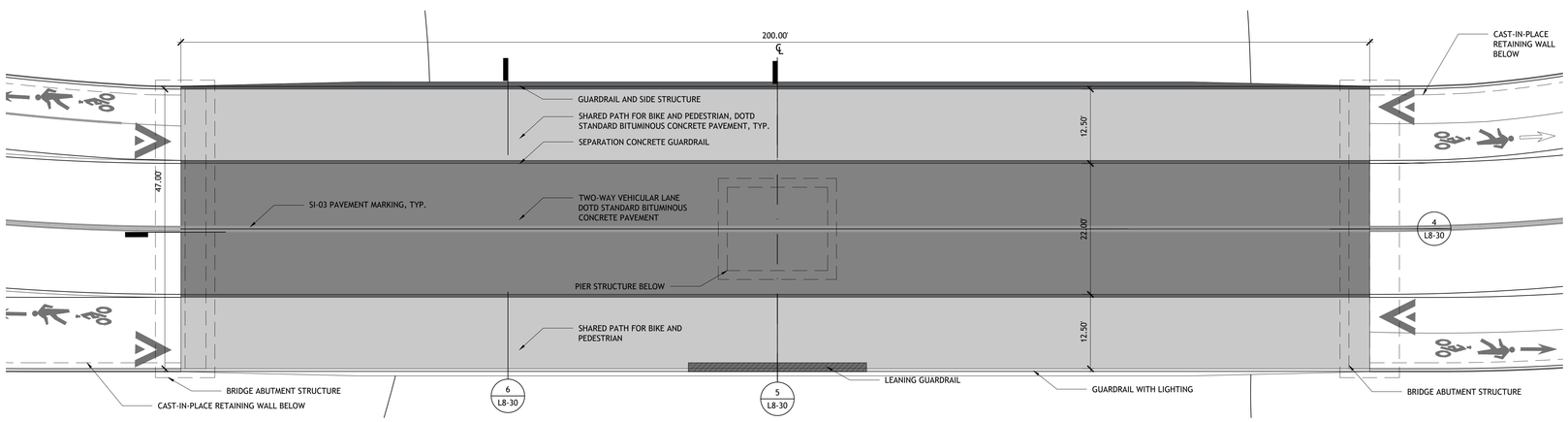
4 MAY ST BRIDGE SECTION 1
1"=10'



3 MAY ST BRIDGE ELEVATION
1"=10'



2 MAY ST BRIDGE STRUCTURE PLAN
1"=10'



1 MAY ST BRIDGE ENLARGEMENT PLAN
1"=10'

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No.	Description	Date
1	100% Schematic Design	05/31/2022

DWG ISSUE & REVISION HISTORY

Stamp

Key Plan

Project Title:

UNIVERSITY LAKES
BATON ROUGE, LA

Drawing Title:

SITE DETAILS - MAY STREET BRIDGE

Project No: 08279 Scale: AS NOTED
Drawn By: CL, CZ, GJ, JV, LY, MS, TN
Checked By: MP
Approved By: AC, JB, ZC
Date: 05/31/2022

Drawing No:

L8-30