



NEW ORLEANS DISTRICT

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP-107
ST. JOHN THE BAPTIST PARISH

SOLICITATION NO.: YXXXXXXXXXX
CONTRACT NO.: ZXXXXXXXXXX
ISSUE DATE: NOVEMEBER 2022
ED# 19-026

THIS PROJECT WAS DESIGNED BY THE NEW ORLEANS DISTRICT CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152. SIGNATURES INDICATE OFFICIAL RECOMMENDATION OF ALL DRAWINGS IN THIS SET.

APPROVED BY:
C. G. Jones, PE
DISTRICT COMMANDER

APPROVAL RECOMMENDED BY:

CHIEF ENGINEERING DIVISION CIVIL BRANCH



US Army Corps
of Engineers®

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT 400 LEAKE AVENUE NEW ORLEANS LA 70118	DESIGNED BY: BRENNAN / BROOKS	ISSUE DATE: NOVEMBER 2022
	DRAWN BY: A. BRENNAN	SOLICITATION NO.: TAC000000000000
	CHECKED BY: A. BRENNAN	CONTACT NO.: D0000000000000
	SUBMITTED BY: D. BECK	FILE NUMBER: H46-4308
	SIZE: ANSI D	FILE NAME: GEOI COVER SHEET.DGN

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

COVER SHEET

ST. JOHN THE BAPTIST PARISH

SHEET ID
G-01

ADVERTISE SET

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C-02	PLAN AND PROFILE B/L STA. 344+00 TO B/L STA. 366+00	B-20	CPT LOG 19-059C
C-03	PLAN AND PROFILE B/L STA. 366+00 TO B/L STA. 388+00	B-21	CPT LOG 19-059C
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B-06	BORING LOG 19-063U	CS-03	CROSS SECTIONS STA. 348+00 TO STA. 356+00
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B-08	BORING LOG 19-065U	CS-05	CROSS SECTIONS STA. 368+00 TO STA. 376+00
B-09	BORING LOG 19-066U	CS-06	CROSS SECTIONS STA. 378+00 TO STA. 386+00
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B-13	BORING LOG 19-070U	X-1	WEST END GAGE AT LAKE PONTCHARTRAIN HYDROGRAPH
B-14	CPT LOG 19-056C		

GENERAL NOTES:

1. THE DESCRIPTIONS OF HORIZONTAL AND VERTICAL CONTROL POINTS ARE AVAILABLE FROM USACE, NEW ORLEANS DISTRICT, SURVEY SECTION (604) 862-1852.

2. INSIDE THE PINK AREAS, THE POLYCONIC PROJECTION NORTH AMERICAN DATUM 1983 IS REPRESENTED BY SOLID TICK LINES, AND THE LAMBERT CONFORMAL CONIC PROJECTION IS REPRESENTED BY DASH TICK LINES.

3. THE XY COORDINATES USED IN THE DRAWINGS REFER TO THE FOLLOWING HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983, STATE PLANE, LOUISIANA SOUTH, ZONE 1702, US SURVEY FEET.

4. THE AERIAL PHOTOGRAPHY WAS FLOWN IN 2019.

5. THE DIMENSIONS, ELEVATIONS AND TABULATION COORDINATES ARE APPROXIMATE READINGS, AND REQUIRE FIELD VERIFICATION.

6. THE DRAWINGS MARKED "NOT TO SCALE" (N.T.S.) ARE GENERALLY DRAWN TO SCALE, BUT SHOULD NOT BE SCALED.

7. ALL THE ELEVATIONS ARE EXPRESSED IN FEET AND REFER TO THE NORTH AMERICAN VERTICAL DATUM 1988 (2009.55) UNLESS OTHERWISE NOTED.

8. ALL THE STATIONS ARE BASELINE STATIONS UNLESS OTHERWISE NOTED.

9. THE LOCATIONS OF THE EXISTING UTILITIES INDICATED ON THE DRAWINGS ARE FOR INFORMATIONAL PURPOSES. THE LOCATIONS WERE PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. THE CONTRACTOR SHALL CONTACT THE OWNER(S) PRIOR TO WORK ADJACENT TO AND OVER THE UTILITY ALIGNMENT, REFER TO THE SPECIFICATIONS, SECTION 01100, FOR DETAILS, FOR THE UTILITY OWNER'S REPRESENTATIVE CONTACT THE DESIGNATED INDIVIDUAL REFERRED TO IN THE SPECIFICATIONS AND/OR DRAWINGS.

10. THE BENCHMARKS AND BASELINES HAVE BEEN ESTABLISHED BY THE GOVERNMENT, THE STATE PLANE ZONE HAS BEEN IMPLEMENTED, THE CONTRACTOR SHALL VERIFY THE ESTABLISHMENT OF THE PROJECT BASELINE AT THE PROJECT SITE, AND SHALL RE-ESTABLISH THE BASELINE AS REQUIRED BEFORE BEGINNING THE WORK, ALL UNITS ARE US SURVEY FEET.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ACCESS ROAD IN WORKING CONDITION THROUGHOUT THE DURATION OF THE CONTRACT.

12. ALL WORK AROUND HIGH VOLTAGE POWER LINES SHALL BE IN ACCORDANCE WITH OSHA AND ENTERGY REQUIREMENTS, AND THE USACE SAFETY MANUAL EM-385-1-1.

13. THE RIGHT OF WAY DRAWINGS FOR THIS PROJECT CAN BE OBTAINED USING THE FILE NUMBER H-8-48309 AND THE DATE 7-24-2020. THE RIGHT OF WAY DRAWINGS FOR ACCESS ROAD D CAN BE OBTAINED USING THE FILE NUMBER H-8-48268 DATED 9-22-20.

GENERAL LEGEND

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G

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W

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AERIAL POWER LINE

NATURAL GAS LINE

WATER MAIN

LEVEE CENTERLINE

LEVEE TOE (PLAN VIEW)

LEVEE CROWN (PLAN VIEW)

PROJECT BASELINE

EXISTING GROUND

RIGHT OF WAY

+

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CONSTRUCTION LIMIT/
STAGING AREA
BENCHMARK

SETTLEMENT PLATE LOCATION

EXISTING GROUND

BREAK LINE

EARTHWORK - COMPACTED FILL

EARTHWORK - CRUSHED ROCK GRAVEL

EARTHWORK - SAND

COMPLETED SECTION

CROSS REFERENCE SYMBOL LEGEND

X

TITLE

SCALE:

DETAIL NUMBER

DETAIL (SHOWN ON SAME SHEET)

AREA ENLARGED FOR DETAILED INFORMATION

DETAIL NUMBER

SHEET WHERE DETAILS SHOWN

DETAIL (SHOWN ON ANOTHER SHEET)

AREA ENLARGED FOR DETAILED INFORMATION

SECTION CUT
(SHOWN ON ANOTHER SHEET)

BENCHMARKS

BENCHMARK	ELEVATION (NAVD 88) (EPOCH)	DESCRIPTION
PBM MARATHON (PRIMARY)	EL. 9.37 ft NAVD 88 (2009.55) LAT. 30°04'36.3313 LONG. -90°39'16.21779 X= 3516623.03 Y= 574173.74	BEGINNING AT THE INTERSECTION OF W 19th STREET AND THE WESTBOUND LANE OF HWY 61, HEAD WEST ALONG HWY 61 A DISTANCE OF 54 MILES TO A POINT. MARK IS 56 FT NORTH OF THE CENTERLINE OF THE WESTBOUND LANE OF HWY 61, 26.3 FT NORTH OF A TRAFFIC SIGNAL POST, 33.7 FT FROM A MARATHON SIGN AND 29.2 FT FROM FIRE HYDRANT. MARK IS A HALF INCH STAINLESS STEEL ROD DRIVEN TO A DEPTH OF 36 FT ENCASED IN 6 INCH PVC SET IN CONCRETE WITH AN ALUMINUM ACCESS COVER STAMPED MARATHON 2018.
PBM WSLP-D01	EL. 5.141 ft NAVD 88 (2009.55) LAT. 30°43'38.80184 LONG. -90°34'44.53543 X= 3519406.202 Y= 574239.488	TO REACH STATION FROM THE INTERSECTION OF HIGHWAY 61 AND HIGHWAY 641, PROCEED EASTERLY 6.3 MILES TO AIRPORT ROAD, PROCEED NORTHERLY ALONG AIRPORT ROAD FOR 0.37 MILES TO AN EXISTING GRAVEL ROAD ON THE RIGHT, THENCE EASTERLY ALONG SAID GRAVEL ROAD 0.23 MILES TO ITS TERMINUS, THENCE NORTHERLY 125 FT ALONG A GRAVEL ROAD CROSSING THE CANAL DITCH TO A LEVEE RD., THENCE EASTERLY ALONG SAID LEVEE RD. 0.2 MILES TO THE MARK. WSLP-D02 IS A 1/2" STAINLESS STEEL ROAD DRIVEN TO A DEPTH OF 48 FEET ENCASED IN 6" PVC SET IN CONCRETE WITH ALUMINUM ACCESS COVER, SET 2 FEET WEST OF WEST CROWN OF LEVEE, 67 FEET SOUTH OF GRAVEL ACCESS ROAD, 14 FEET WEST OF CENTERLINE OF CANAL LEVEE. COVER IS STAMPED: WSLP-D02 2022.
PBM WSLP-D02	EL. 4.157 ft NAVD 88 (2009.55) LAT. 30°57'68.622 LONG. -90°34'38.50187 X= 3519910.703 Y= 577362.804	TO REACH STATION FROM THE INTERSECTION OF HIGHWAY 61 AND HIGHWAY 641, PROCEED EASTERLY 6.3 MILES TO AIRPORT ROAD, PROCEED NORTHERLY ALONG AIRPORT ROAD FOR 0.37 MILES TO AN EXISTING GRAVEL ROAD ON THE RIGHT, THENCE EASTERLY ALONG SAID GRAVEL ROAD 0.23 MILES TO ITS TERMINUS, THENCE NORTHERLY 127 MILES ALONG A GRAVEL ROAD TO THE MARK. WSLP-D03 IS A 1/2" STAINLESS STEEL ROAD DRIVEN TO A DEPTH OF 40 FEET ENCASED IN 6" PVC SET IN CONCRETE WITH ALUMINUM ACCESS COVER, SET 3 FEET FROM THE TOP BANK OF DITCH AND 40 FEET SOUTH OF A PAVILION. COVER IS STAMPED: WSLP-D03 2022.
PBM WSLP-D03	EL. 1.742 ft NAVD 88 (2009.55) LAT. 30°53'54.636 LONG. -90°34'30.33708 X= 3520595.626 Y= 583010.334	TO REACH STATION FROM THE INTERSECTION OF HIGHWAY 61 AND HIGHWAY 641, PROCEED EASTERLY 6.3 MILES TO AIRPORT ROAD, PROCEED NORTHERLY ALONG AIRPORT ROAD FOR 0.37 MILES TO AN EXISTING GRAVEL ROAD ON THE RIGHT, THENCE EASTERLY ALONG SAID GRAVEL ROAD 0.23 MILES TO ITS TERMINUS, THENCE NORTHERLY 127 MILES ALONG A GRAVEL ROAD TO THE MARK. WSLP-D03 IS A 1/2" STAINLESS STEEL ROAD DRIVEN TO A DEPTH OF 40 FEET ENCASED IN 6" PVC SET IN CONCRETE WITH ALUMINUM ACCESS COVER, SET 3 FEET FROM THE TOP BANK OF DITCH AND 40 FEET SOUTH OF A PAVILION. COVER IS STAMPED: WSLP-D03 2022.

DESIGNED BY:
BENJAMIN J. BROOKS
(2009.55)
A. BRENNAN
CHECKED BY:
XXXXXXXXXXXX
CONTRACT NO.
XXXXXXXXXXXX
SUBMITTED BY:
XXXXXXXXXXXX
FILE NUMBER
H-8-48309

ISSUE DATE:
NOVEMBER 2022
NEW ORLEANS DISTRICT
NEW ORLEANS LA 70118
U.S. ARMY CORPS OF ENGINEERS
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 07, LEVEE

INDEX BENCHMARK AND
GENERAL INFORMATION
ST. JOHN THE BAPTIST PARISH

U.S. ARMY CORPS OF ENGINEERS
of Engineers®

MARK



















DESCRIPTION

DATE

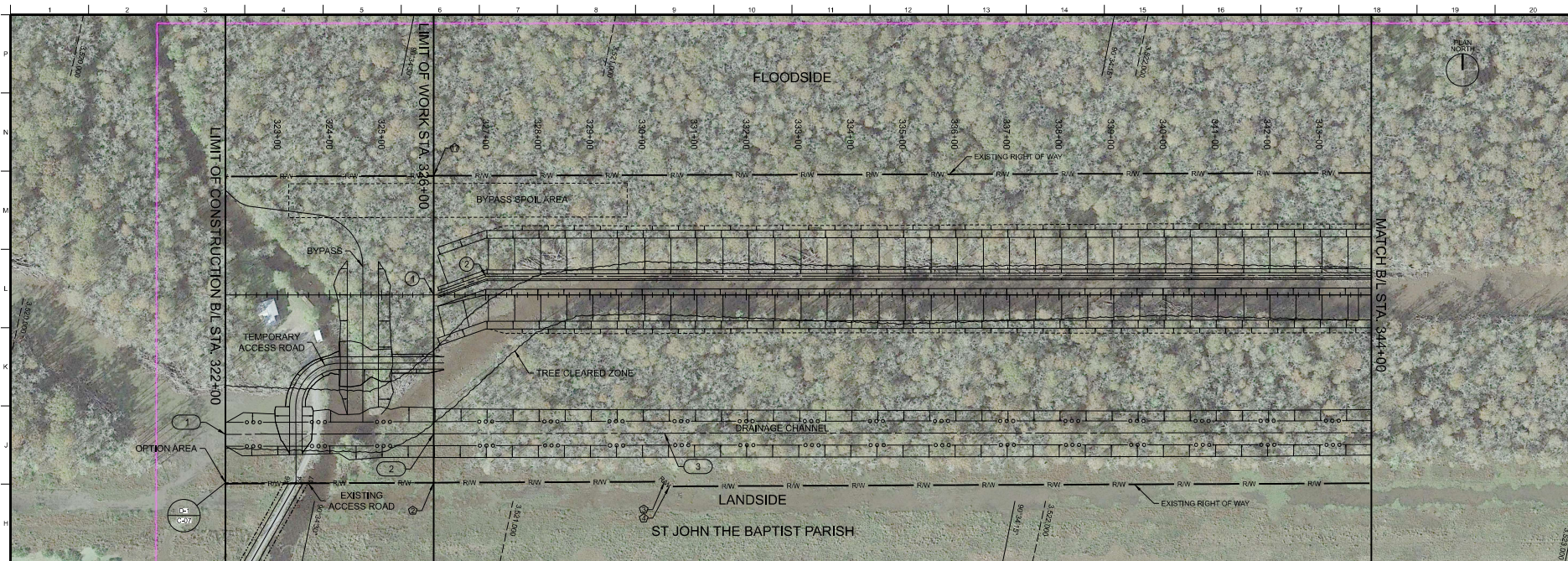
SHEET ID
G-03

ADVERTISE SET

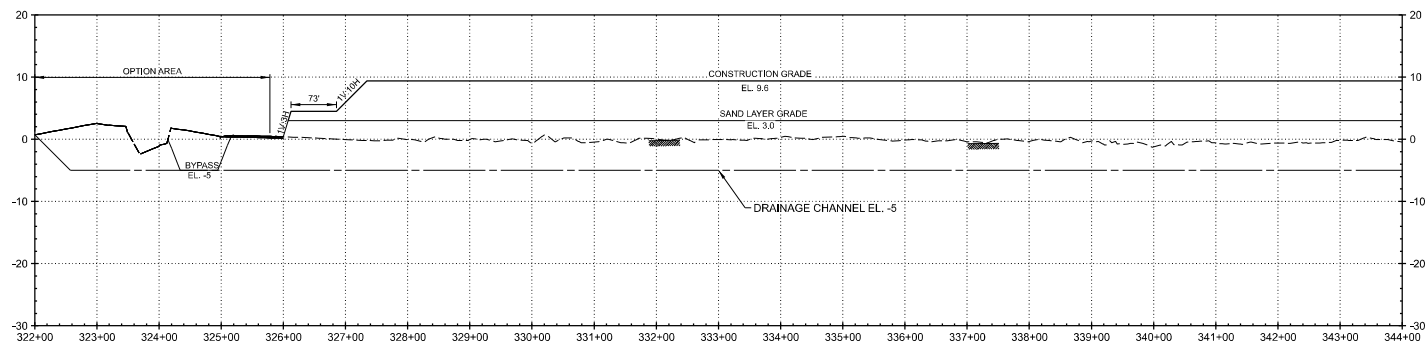
EXISTING ROW - ACCESS ROAD D					
POINT	STATE PLANE COORDINATES		POINT	STATE PLANE COORDINATES	
	X	Y		X	Y
1	3,519,248.86	577,423.83	46	3,520,562.80	582,762.91
2	3,519,340.30	577,426.87	47	3,520,608.03	582,772.84
3	3,519,340.52	577,419.61	48	3,520,530.85	582,557.20
4	3,519,556.50	577,428.34	49	3,520,523.29	582,434.16
5	3,518,664.49	577,432.71	50	3,520,517.45	582,313.18
6	3,518,916.22	577,438.97	51	3,520,489.66	582,210.16
7	3,518,815.18	577,463.95	52	3,520,406.06	582,086.97
8	3,519,898.58	577,487.45	53	3,520,307.18	581,983.45
9	3,519,899.64	577,442.46	54	3,520,139.09	581,686.53
10	3,520,210.03	577,455.58	55	3,520,163.81	581,690.30
11	3,520,295.59	577,603.67	56	3,520,196.41	581,542.01
12	3,520,284.05	577,641.73	57	3,520,161.89	581,538.25
13	3,520,269.92	578,239.05	58	3,520,163.88	581,523.92
14	3,520,260.69	578,493.35	59	3,520,187.82	581,526.46
15	3,520,249.01	578,743.73	60	3,520,194.00	581,477.32
16	3,520,231.80	579,116.11	61	3,520,169.20	581,474.20
17	3,520,206.82	579,115.01	62	3,520,183.88	580,994.16
18	3,520,204.82	579,164.96	63	3,520,197.90	580,721.76
19	3,520,229.60	579,166.06	64	3,520,222.85	580,779.26
20	3,520,225.20	579,261.85	65	3,520,226.08	580,729.37
21	3,520,213.06	579,529.59	66	3,520,201.13	580,721.76
22	3,520,197.33	579,904.51	67	3,520,216.27	580,493.86
23	3,520,188.14	580,145.19	68	3,520,228.12	580,146.63
24	3,520,176.31	580,491.90	69	3,520,245.16	579,718.72
25	3,520,161.19	580,725.54	70	3,520,269.39	579,167,565
26	3,520,136.24	580,723.92	71	3,520,294.37	579,168,665
27	3,520,133.01	580,773.82	72	3,520,296.57	579,118,716
28	3,520,157.96	580,775.43	73	3,520,271.59	579,117,611
29	3,520,143.92	580,992.23	74	3,520,309.89	578,240,585
30	3,520,135.70	581,242.16	75	3,520,339.00	577,520,122
31	3,520,129.32	581,468.28	76	3,520,363.98	577,521.13
32	3,520,104.45	581,465.78	77	3,520,366.00	577,471,171
33	3,520,099.44	581,515.53	78	3,520,341.02	577,470,161
34	3,520,124.31	581,518.03	79	3,520,344.18	577,390,233
35	3,520,122.18	581,532.02	80	3,520,304.21	577,388,191
36	3,520,087.47	581,528.26	81	3,520,241.71	577,388,271
37	3,520,074.87	581,676.54	82	3,520,240.75	577,413,271
38	3,520,099.98	581,680.31	83	3,520,101.92	577,416,917
39	3,520,087.60	581,693.28	84	3,519,903.32	577,402,565
40	3,520,274.95	582,007.63	85	3,519,904.38	577,377,665
41	3,520,354.78	582,112.19	86	3,519,818.10	577,373,961
42	3,520,452.68	582,222.78	87	3,519,817.05	577,386,933
43	3,520,477.71	582,319.43	88	3,519,396.76	577,381,801
44	3,520,483.42	582,437.80	89	3,519,363.60	577,367,372
45	3,520,600.67	582,965.92	90	3,519,252.86	577,346,795

EXISTING ROW TABULATION		
POINT	STATE PLANE COORDINATES	
	X	Y
	3519888.62	502618.53
	3520943.81	502823.49
	3521276.96	502917.35
	3521287.66	502919.45
	3523622.11	503415.72
	3524020.41	503507.13
	3524216.38	503545.23
	35252716.01	503873.49
	35258133.62	504391.87
	3526555.73	504484.78
	3528632.81	504505.66
	3528639.15	504515.15
	3529076.45	504635.15
	3528990.25	505380.60
	3528635.76	505362.74
	3527918.10	504546.91
	3520721.74	505399.29
	3517058.46	502743.52

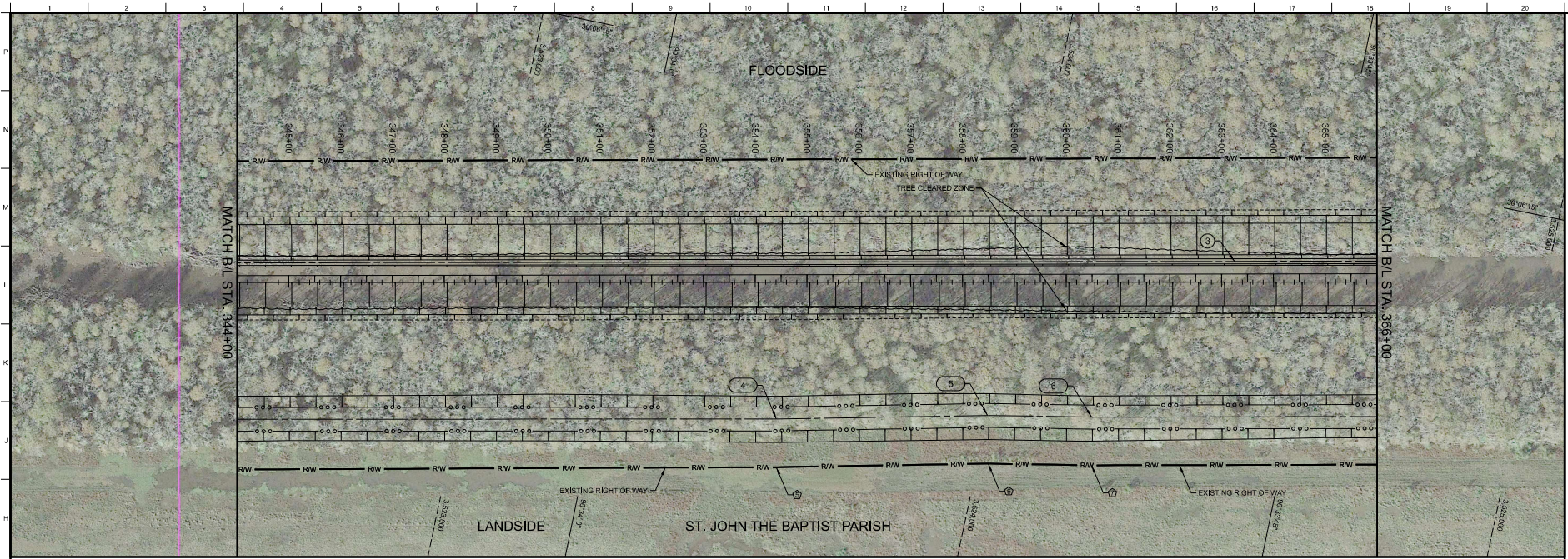
* POINTS ARE GIVEN FOR CONTINUITY AND WILL NOT BE SURVEYED OR CORRECTED



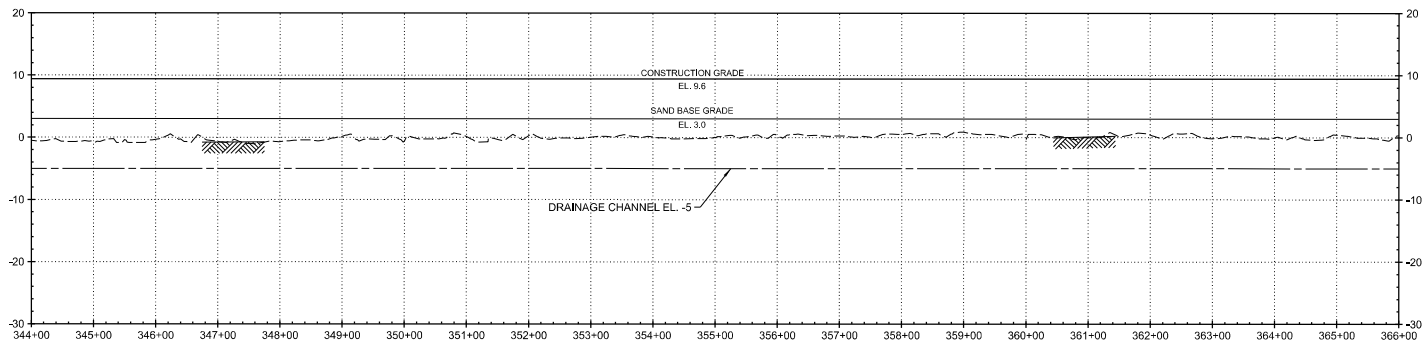
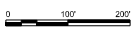
- NOTES:
1. DETAILS FOR OPTION WORK CAN BE FOUND IN SHEETS C-07, C-08
 2. LEVEE TRANSITION DETAILS CAN BE FOUND IN SHEET C-09
 3. DETAILS FOR THE ACCESS ROAD ALONG THE BERN CAN BE FOUND ON SHEET C-09
 4. TREES STOCKPILED ALONG THE "TREE CLEARED ZONE" SHALL BE REMOVED BY THE CONTRACTOR



 US Army Corps of Engineers	
DESIGNED BY: BROOKS CHECKED BY: A. BRENNAN SUBMITTED BY: CONSTRUCTION DATE: 11-14-2022 FILE NAME: 11-14-2022 FILE NUMBER: 11-14-2022	DATE: _____ MARK: _____ DESCRIPTION: _____
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT NEW ORLEANS, LA 70118 HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT WSP-107 LEVEE PLAN AND PROFILE B/L STA. 322+00 TO B/L STA. 344+00 ST. JOHN THE BAPTIST PARISH	
SHEET ID C-01	



NOTES:
1. DETAILS FOR THE ACCESS ROAD ALONG BERM CAN BE FOUND ON SHEET C-03
2. TREES STOCKPILED ALONG THE "TREE CLEARED ZONE" SHALL BE REMOVED BY THE CONTRACTOR



US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY:	ISSUE DATE:
BENJAMIN BROOKS	NOVEMBER 2022

CHECKED BY:	CONTRACT NO.:
A. BRENNAN	XXXXXXXXXX

SUBMITTED BY:	FILE NUMBER:
	14-130R

SHEET NAME:	SHEET NUMBER:
	1 OF 1

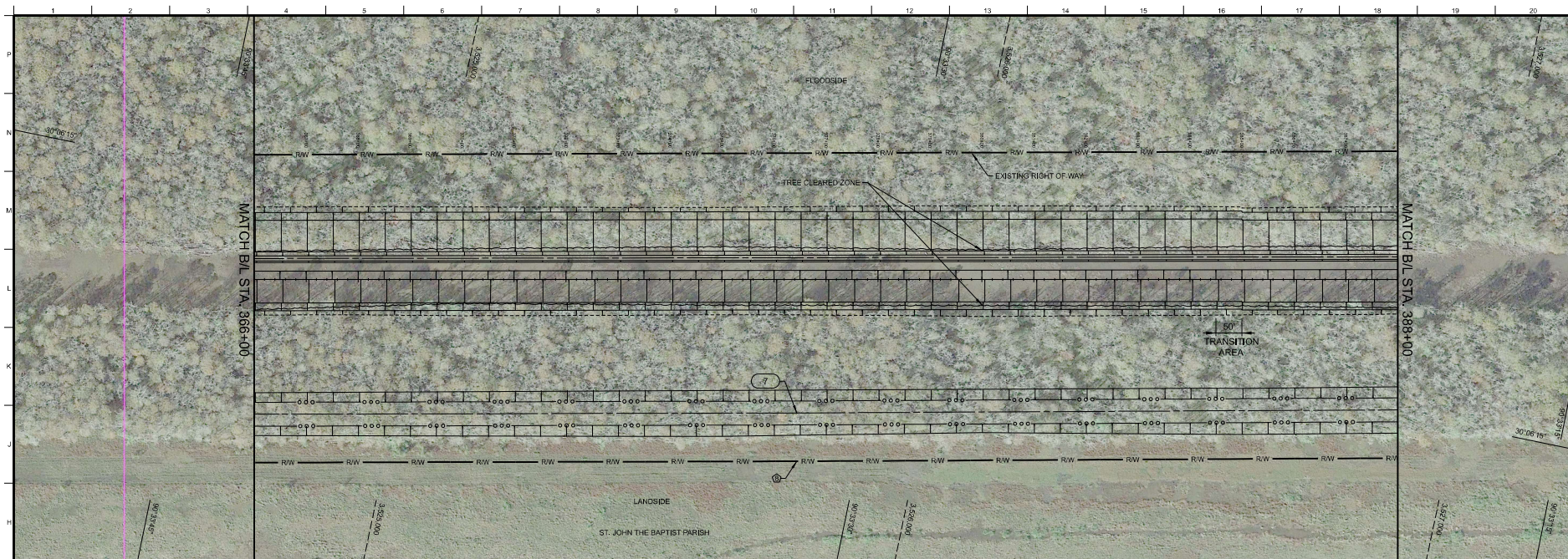
PROJECT NAME:	PROJECT NUMBER:
WEST BAYOU LAKE PONTCHARTRAIN, LA	

PROJECT DESCRIPTION:	PROJECT LOCATION:
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT	NEW ORLEANS, LA 70118

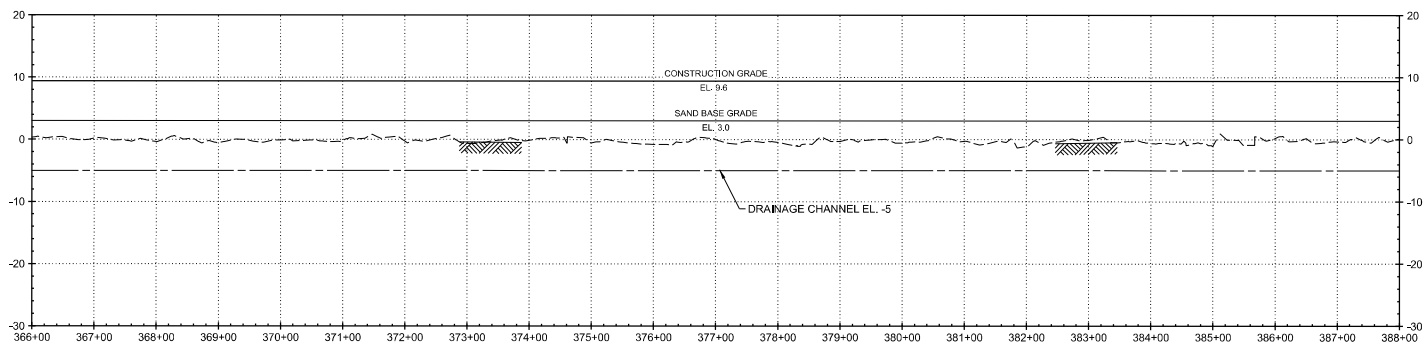
PLAN AND PROFILE
BL. STA. 344+00 TO 366+00
ST. JOHN THE BAPTIST PARISH

SHEET ID
C-02

ADVERTISE SET



- NOTES:
1. DETAILS FOR THE ACCESS ROAD ALONG BERM CAN BE FOUND ON SHEET C-09
 2. TREES STOCKPILED ALONG THE "TREE CLEARED ZONE" SHALL BE REMOVED BY THE CONTRACTOR



U.S. Army Corps of Engineers

DESIGNED BY: BRESNAN / BROOKS
 CHECKED BY: A. BRENNAN
 SUBMITTED BY: [blank]
 DATE: [blank]

ISSUE DATE: NOVEMBER 2022
 PROJECT: HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
 CONTRACT NO.: V000000000
 FILE NUMBER: 14-1-JDR
 SHEET: 1 OF 1
 AND: 1 OF 1

WEST SHORE LAKE PONTCHARTRAIN, LA
 ST. JOHN THE BAPTIST PARISH
 HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
 WSP-107 LEVEE

PLAN AND PROFILE
 STA. 366+00 TO STA. 388+00
 ST. JOHN THE BAPTIST PARISH

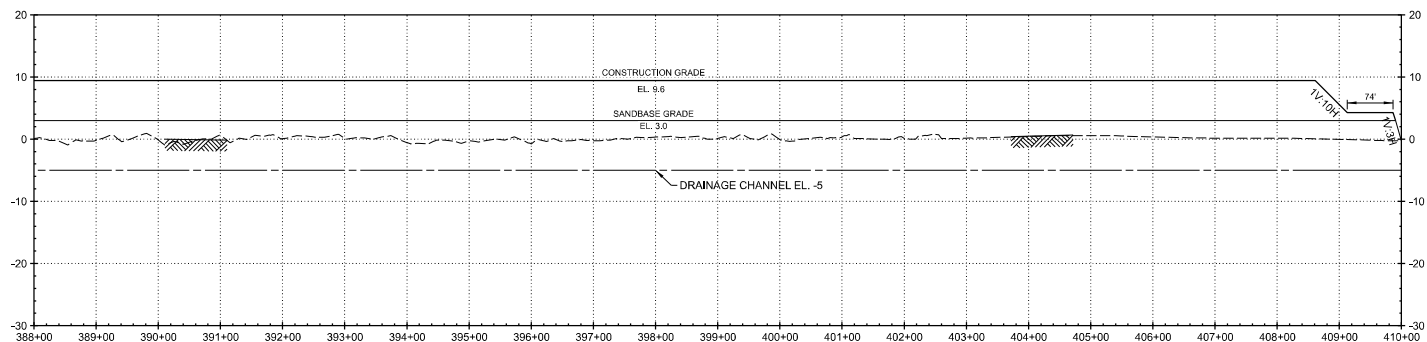
SHEET ID
C-03

DATE: [blank]

MARK: [blank] DESCRIPTION: [blank]



A horizontal scale bar with three segments. The first segment is labeled '0', the second '100', and the third '200'.





15' 66' 22' 78' 15'

1V:3H EL. 3.5 EL. 4.5 EL. 7.1 EL. 7.6 EL. 7.15 EL. 4.0 EL. 3.0

AREA TO BE GRUBBED AREA TO BE CLEARED AREA TO BE GRUBBED

1V:3H 1V:3H

SETTLEMENT GAGES

NOTCH AREA

15'

INTERIOR CANAL SPOIL MATERIAL

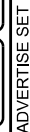
FLOODSIDE GRUBBING LIMIT IS 15 FT PAST THE BERM TOE. SEE DETAIL ON STAGE 3

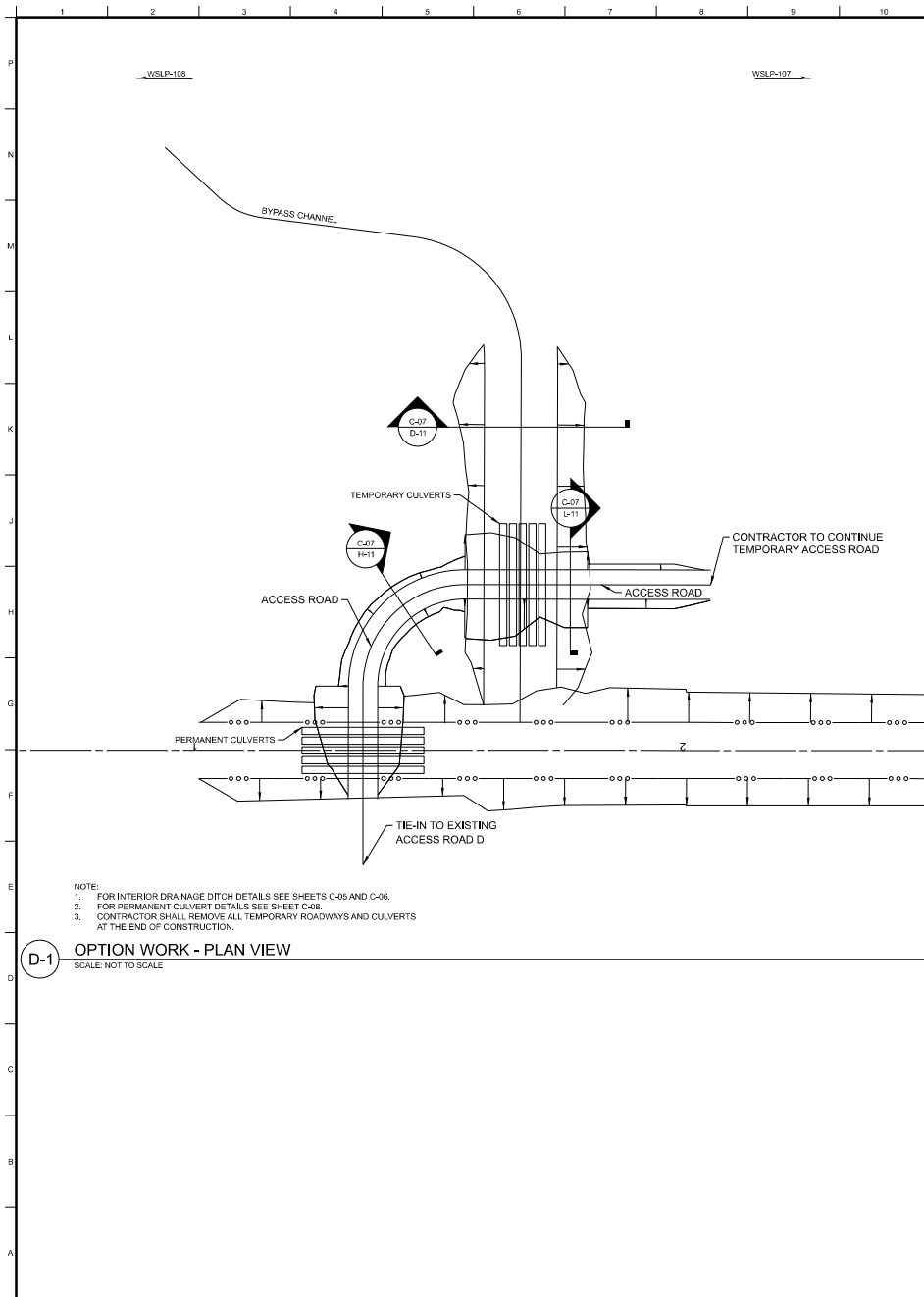
- STAGE 2 - DESIGN SECTION**
SCALE: NOT TO SCALE



A-1 STA. 326+00 TO STA. 384+50
SCALE: NOT TO SCALE

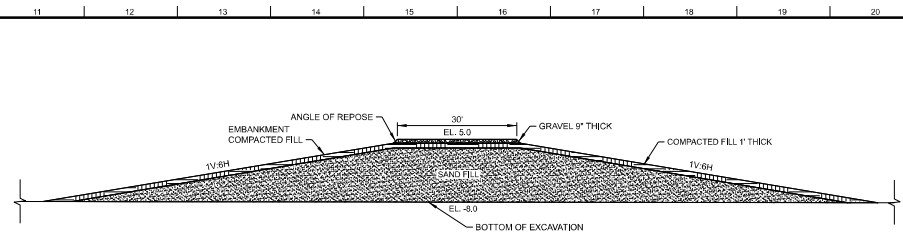






D-1 OPTION WORK - PLAN VIEW

SCALE: NOT TO SCALE

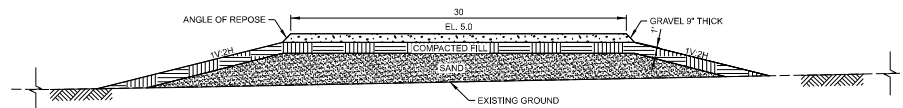


NOTES:

- SECTION PROPERTIES APPLY TO ALL LOCATIONS WHERE ROAD CROSSES CULVERT AREAS.
- CULVERTS NOT SHOWN FOR CLARITY. FOR CULVERT DETAILS SEE SHEET C-08.

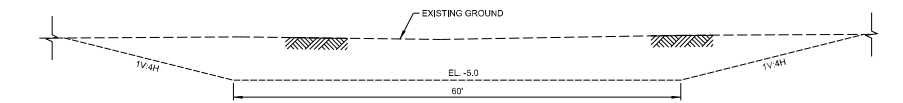
L-11 TYPICAL SECTION 1 - ACCESS ROAD WITH CULVERTS

SCALE: NOT TO SCALE



H-11 TYPICAL SECTION 2 - ACCESS ROAD WITHOUT CULVERTS

SCALE: NOT TO SCALE



D-11 BYPASS - TYPICAL SECTION

SCALE: NOT TO SCALE



US Army Corps of Engineers

MARK	DESCRIPTION	DATE

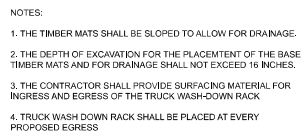
DESIGNED BY: BISMAN / BROOKS NOVEMBER 2022	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN XXXXXXXXXX	CONTRACT NO.:
SUBMITTED BY:	FILE NUMBER:
SHEET:	FILE NAME:
AND:	AND:

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LA 70118

SHEET BUREAU OF PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP-107 LEVEE
OPTION WORK
PLAN AND PROFILES
ST. JOHN THE BAPTIST PARISH

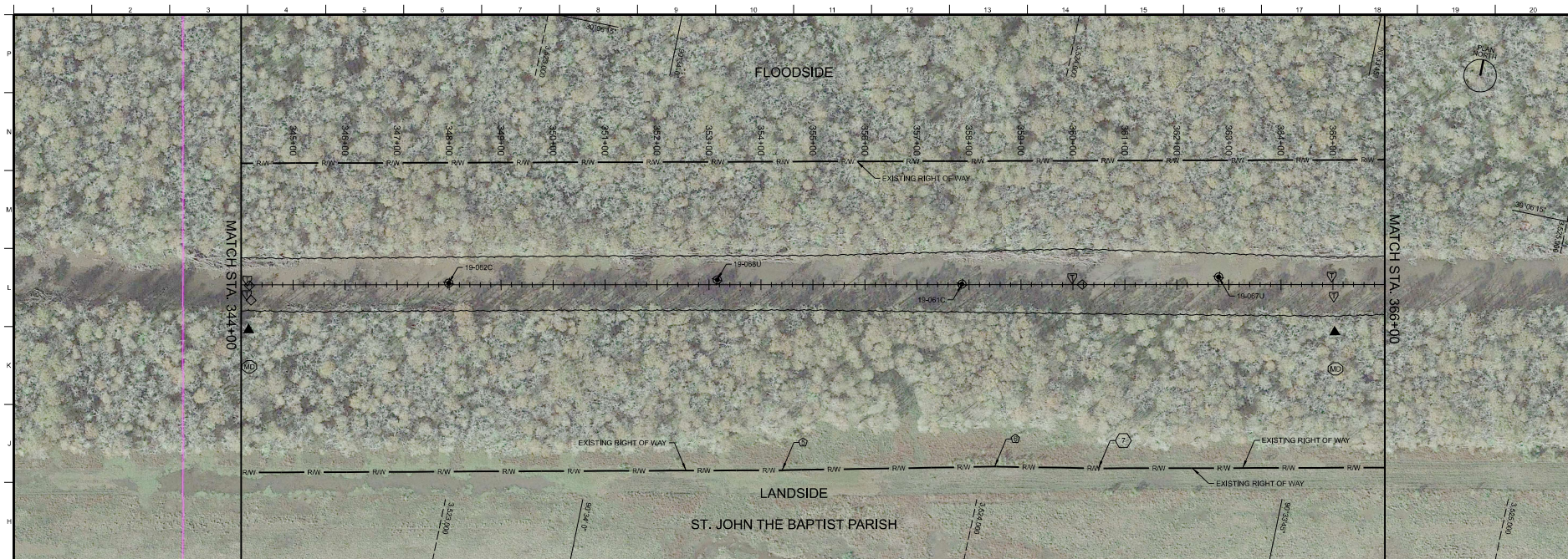
SHEET ID
C-07

ADVERTISE SET



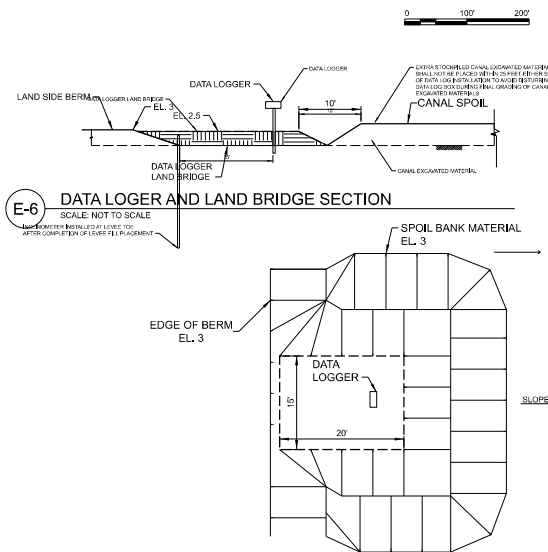
SCALE: 1"=1" FULL SIZE

[illegible]



INSTRUMENTATION	SYMBOL
PIEZOMETER	▽
INCLINOMETER	▲
STABILITY PLATE	◇
DATA LOGGER	Ⓜ

INSTRUMENTATION	
STATION	LABEL
344+00	WSLP-107-Z3A
	WSLP-107-Z3B
	WSLP-107-G3A
	WSLP-107-G3B
365+00	WSLP-107-43
	WSLP-107-D3
	WSLP-107-Z4A
	WSLP-107-Z4B
	WSLP-107-44
	WSLP-107-D4



A-8 DATA LOGGER AND LAND BRIDGE - DETAIL
SCALE: 1"=1' FULL SIZE

- NOTES:
1. GEOTECHNICAL INSTRUMENTATION WILL BE INSTALLED BY A THIRD PARTY CONTRACTOR.
 2. THIS IS SCHEMATIC ONLY. REFER TO TYPICAL SECTIONS FOR SECTION DIMENSIONS.
 3. PROVIDE TEN DAYS ADVANCE NOTICE TO THE CONTRACTING OFFICER REPRESENTATIVE TO INDICATE WHEN THE SAND BASE AND BERM FILL PLACEMENT IS COMPLETE INCLUDING EXTENDING THE BERM FILL TO PROVIDE ACCESS TO THE DATA LOGGER.
 4. INSTRUMENTATION INSTALLATION IS EXPECTED TO TAKE 10 DAYS ONCE ACCESS TO INSTRUMENT SITE IS GRANTED, PLUS AN ADDITIONAL 7 DAYS TO INITIALIZE THE EQUIPMENT. DURING THIS 17 DAY PERIOD, A WORK ZONE OF A 25-FT RADIUS AROUND THE INSTRUMENTS SHALL BE OBSERVED.
 5. COORDINATE WITH THE THIRD PARTY CONTRACTOR FOR ANY WORK PERFORMED OR ACROSS THE CORRIDOR BETWEEN THE INSTRUMENTS AND THE ADJACENT DATA LOGGER. ONCE THE INSTRUMENTS ARE DETERMINED BY THE THIRD PARTY CONTRACTOR TO BE READING SATISFACTORILY, THE CONTRACTING OFFICER WILL AUTHORIZE RESUMPTION OF CONSTRUCTION IN THE AFFECTED AREA.
 6. RATE OF FILL PLACEMENT SHALL NOT EXCEED 3 VERTICAL FEET PER WEEK FOR THE FIRST WEEK OF CONSTRUCTION FOLLOWING RESUMPTION OF CONSTRUCTION IN THE AFFECTED AREA.
 7. TRENCHES WILL BE EXCAVATED BY THE THIRD PARTY CONTRACTOR FOR INSTALLING DATA CABLES THAT WILL CONNECT INSTRUMENTS TO DATA LOGGERS. CABLES WILL TRAVERSE THE WORK SITE FROM THE CL OF THE LEVEE SECTION TO THE L/S SO THAT ALL INSTRUMENTS WILL CONNECT TO DATA LOGGERS SET UP ON THE L/S OF THE WORK SITE. TRENCHES WILL BE APPROXIMATELY 24" WIDE BY 4" DEEP. CARE SHALL BE TAKEN TO BE TAKEN TO AVOID DAMAGE TO THE CABLES WHEN BACKFILLING.
 8. PROVIDE ACCESS AT ALL TIMES TO THE INSTRUMENTATION LOCATIONS SELECTED BY THE GOVERNMENT. TAKE ALL MEASURES NECESSARY TO PROTECT THE GEOTECHNICAL INSTRUMENTATION FROM DAMAGE.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT COST OF INSTRUMENTATION DAMAGED BY THE CONTRACTOR. THIS INCLUDES THE COST OF EQUIPMENT, SUPPLIES, AND LABOR REQUIRED BY THE THIRD PARTY CONTRACTOR TO RE-ESTABLISH THE INSTRUMENTS AND OBTAIN NEW BASELINE READINGS.
 10. THE GOVERNMENT WILL BE PERFORMING SOIL BORINGS AND CONE PENETRATION TESTS DURING CONSTRUCTION. ACCESS FOR OPERATORS AND EQUIPMENT TO COMPLETE THESE TASKS WILL BE REQUIRED.
 11. DATA OBTAINED FROM THIS INSTRUMENTATION IS FOR THE SOLE USE OF THE GOVERNMENT AND MAY NOT BE USED BY THE CONTRACTOR FOR ANY USE, INCLUDING THE CALCULATION OF ADDITIONAL PAYMENT DUE TO SETTLEMENT MEASUREMENT AND PAYMENT CONSIDERATIONS FOR SETTLEMENT ARE FOUND IN SPECIFICATION SECTION 31.24.00.00.12.
 12. THE COST FOR ALL REQUIRED WORK BY THE CONTRACTOR FOR ASSISTING WITH THE INSTALLATION OF THE GEOTECHNICAL INSTRUMENTATION AND PROTECTION OF THE INSTALLED DEVICES SHALL BE DISTRIBUTED THROUGHOUT EXISTING BID ITEMS.



MARK	DESCRIPTION	DATE

DESIGNED BY: BRESNAHAN / BROOKS NEW ORLEANS DISTRICT NEW ORLEANS LA 70118	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN CONTRACT NO. 00000000000000000000	FILE NAME: 14-1-10R
SUBMITTED BY: FILE NUMBER: 14-1-10R	DATE: 14-1-10R
DATE: 14-1-10R	DATE: 14-1-10R

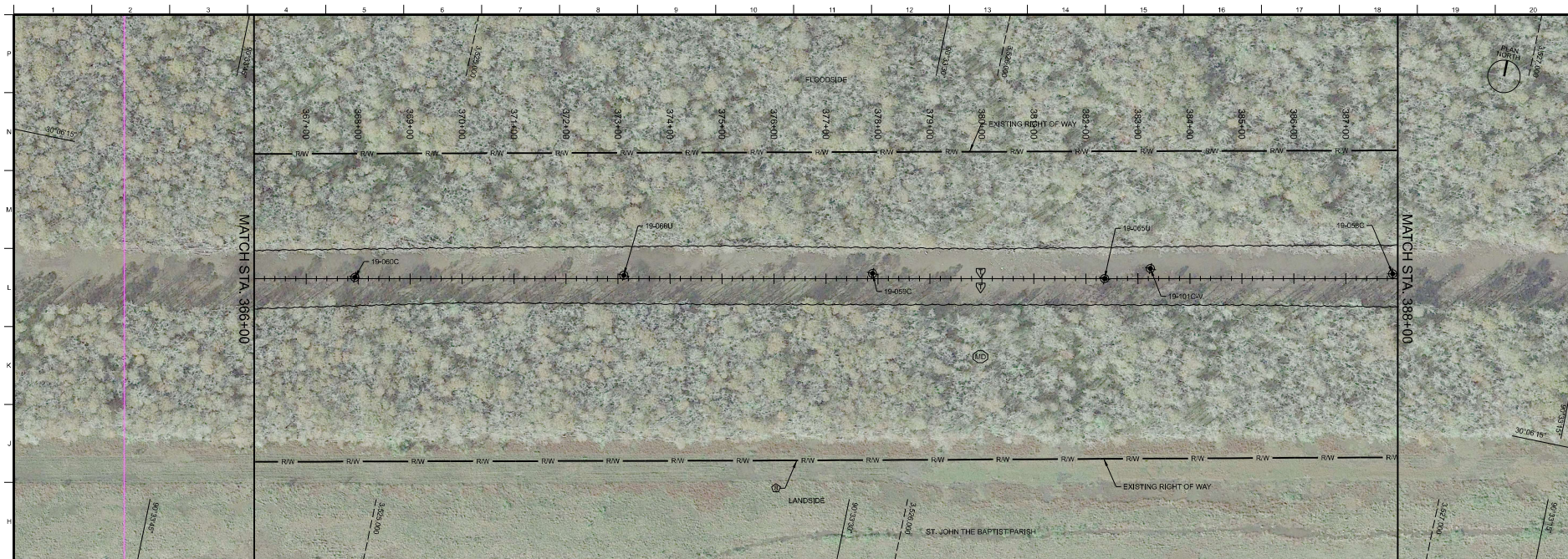
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT NEW ORLEANS LA 70118	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN CONTRACT NO. 00000000000000000000	FILE NAME: 14-1-10R
SUBMITTED BY: FILE NUMBER: 14-1-10R	DATE: 14-1-10R
DATE: 14-1-10R	DATE: 14-1-10R

WEST BAY LAKE PONTCHARTRAIN LA HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT WSLP-107 LEVEE	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN CONTRACT NO. 00000000000000000000	FILE NAME: 14-1-10R
SUBMITTED BY: FILE NUMBER: 14-1-10R	DATE: 14-1-10R
DATE: 14-1-10R	DATE: 14-1-10R

BORING AND INSTRUMENTATION PLAN ST. JOHN THE BAPTIST PARISH	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN CONTRACT NO. 00000000000000000000	FILE NAME: 14-1-10R
SUBMITTED BY: FILE NUMBER: 14-1-10R	DATE: 14-1-10R
DATE: 14-1-10R	DATE: 14-1-10R

SHEET ID B-02	DATE: 14-1-10R
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ADVERTISE SET



INSTRUMENTATION	SYMBOL
PIEZOMETER	
INCLINOMETER	
STABILITY PLATE	
DATA LOGGER	

INSTRUMENTATION	
STATION	LABEL
380+00	WSLP-107-Z5A
	WSLP-107-Z5B
	WSLP-107-D5
	WSLP-107-Z6A
	WSLP-107-Z6B
395+00	WSLP-107-G6A
	WSLP-107-G6B
	WSLP-107-46
	WSLP-107-D6

- NOTES:
1. GEOTECHNICAL INSTRUMENTATION WILL BE INSTALLED BY A THIRD PARTY CONTRACTOR.
 2. THIS IS SCHEMATIC ONLY. REFER TO TYPICAL SECTIONS FOR SECTION DIMENSIONS.
 3. PROVIDE TEN DAYS ADVANCE NOTICE TO THE CONTRACTING OFFICER REPRESENTATIVE TO INDICATE WHEN THE SAND BASE AND BERM FILL PLACEMENT IS COMPLETE INCLUDING EXTENDING THE BERM FILL TO PROVIDE ACCESS TO THE DATA LOGGER.
 4. INSTRUMENTATION INSTALLATIONS EXPECTED TO TAKE 10 DAYS ONCE ACCESS TO INSTRUMENT SITE IS GRANTED, PLUS AN ADDITIONAL 7 DAYS TO INITIALIZE THE EQUIPMENT. DURING THIS 14-DAY PERIOD, NO WORK ZONE OF A 25-FT RADIUS AROUND THE INSTRUMENTS SHALL BE OBSERVED.
 5. COORDINATE WITH THE THIRD PARTY CONTRACTOR FOR ANY WORK PERFORMED OR ACROSS THE CORRIDOR BETWEEN THE INSTRUMENTS AND THE ADJACENT DATA LOGGER. ONCE THE INSTRUMENTS ARE DETERMINED BY THE THIRD PARTY CONTRACTOR TO BE READING SATISFACTORILY, THE CONTRACTING OFFICER WILL AUTHORIZE RESUMPTION OF CONSTRUCTION IN THE AFFECTED AREA.
 6. RATE OF FILL PLACEMENT SHALL NOT EXCEED 3 VERTICAL FEET PER WEEK FOR THE FIRST WEEK OF CONSTRUCTION FOLLOWING RESUMPTION OF CONSTRUCTION IN THE AFFECTED AREA.
 7. TRENCHES WILL BE EXCAVATED BY THE THIRD PARTY CONTRACTOR FOR INSTALLING DATA CABLES THAT WILL CONNECT INSTRUMENTS TO DATA LOGGERS. CABLES WILL TRAVERSE THE WORK SITE FROM THE CL OF THE LEVEE SECTION TO THE US SO THAT ALL INSTRUMENTS WILL CONNECT TO DATA LOGGERS SET UP ON THE US OF THE WORK SITE. TRENCHES WILL BE APPROXIMATELY 24" WIDE BY 18" DEEP. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE CABLES WHEN BACKFILLING.
 8. PROVIDE ACCESS AT ALL TIMES TO THE INSTRUMENTATION LOCATIONS SELECTED BY THE GOVERNMENT. TAKE ALL MEASURES NECESSARY TO PROTECT THE GEOTECHNICAL INSTRUMENTATION FROM DAMAGE.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT COST OF INSTRUMENTATION DAMAGED BY THE CONTRACTOR. THIS INCLUDES THE COST OF EQUIPMENT, SUPPLIES, AND LABOR REQUIRED BY THE THIRD PARTY CONTRACTOR TO RE-ESTABLISH THE INSTRUMENTS AND OBTAIN NEW BASELINE READINGS.
 10. THE GOVERNING WILL BE PERFORMING SOIL BORINGS AND CONE PENETRATION TESTS DURING CONSTRUCTION. ACCESS FOR OPERATORS AND EQUIPMENT TO COMPLETE THESE TASKS WILL BE REQUIRED.
 11. DATA OBTAINED FROM THIS INSTRUMENTATION IS FOR THE SOLE USE OF THE GOVERNMENT AND MAY NOT BE USED BY THE CONTRACTOR FOR ANY USE, INCLUDING THE CALCULATION OF ADDITIONAL PAYMENT DUE TO SETTLEMENT. MEASUREMENT AND PAYMENT CONSIDERATIONS FOR SETTLEMENT ARE FOUND IN SPECIFICATION SECTION 31 24 00.00 12.
 12. THE COST FOR ALL REQUIRED WORK BY THE CONTRACTOR FOR ASSISTING WITH THE INSTALLATION OF THE GEOTECHNICAL INSTRUMENTATION AND PROTECTION OF THE INSTALLED DEVICES SHALL BE DISTRIBUTED THROUGHOUT EXISTING BID ITEMS.

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

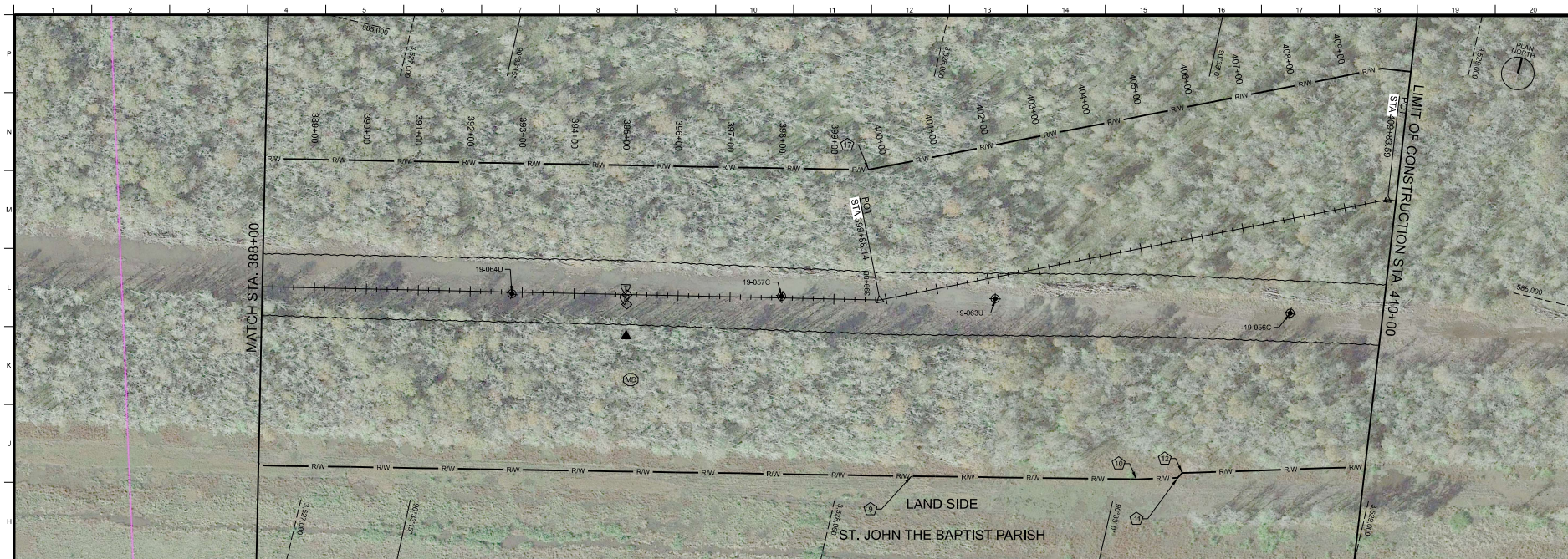
DESIGNED BY: BRESNAHAN, BROOKS
CHECKED BY: A. BRESNAHAN
SUBMITTED BY: FILE NUMBER
DATE: 11-14-2024
FILE NAME: C-03 PLAN NEW 1329

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LA 70118

WATER SHORT-LAUNCH PONTON BARRIAGE
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP-107 LEVEE

BORING AND INSTRUMENTATION PLAN
WSLP-107 LEVEE
ST. JOHN THE BAPTIST PARISH

SHEET ID
B-03



INSTRUMENTATION	SYMBOL
PIEZOMETER	▽
INCLINOMETER	▲
STABILITY PLATE	◇
DATA LOGGER	⊙

- NOTES:
1. GEOTECHNICAL INSTRUMENTATION WILL BE INSTALLED BY A THIRD PARTY CONTRACTOR.
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 12. THE COST FOR ALL REQUIRED WORK BY THE CONTRACTOR FOR ASSISTING WITH THE INSTALLATION OF THE GEOTECHNICAL INSTRUMENTATION AND PROTECTION OF THE INSTALLED DEVICES SHALL BE DISTRIBUTED THROUGHOUT EXISTING BID ITEMS.

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

DESIGNED BY: BRESNAHAN, BROOKS
CHECKED BY: A. BRENNAN
SUBMITTED BY: [REDACTED]
DATE: 11-14-2022
FILE NAME: [REDACTED]
ANNO: [REDACTED]

ISSUE DATE: NOVEMBER 2022
DRAWING NO: [REDACTED]
PROJECT NO: [REDACTED]
CONTRACT NO: [REDACTED]
FILE NUMBER: [REDACTED]

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LA 70118

WEST BORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WLSB-107 LEVEE

BORING AND INSTRUMENTATION PLAN
STA. 388+00 TO STA. 410+00
ST. JOHN THE BAPTIST PARISH

SHEET ID
B-04

ADVERTISE SET

A horizontal timeline consisting of 20 equal-width rectangular segments. Each segment is numbered sequentially from 1 to 20, starting from the left and ending on the right. The numbers are centered within each segment.



- - (UC) UNCONFINED COMPRESSION TEST
- - (Q) UNCONSOLIDATED - UNDRAINED TRIAXIAL SHEAR TEST
- ▲ - (R) CONSOLIDATED - UNDRAINED TRIAXIAL SHEAR TEST
- ▣ - (S) CONSOLIDATED - DRAINED DIRECT SHEAR TEST

ω_p ω_N ω_L **ATTERBERG LIMITS**



US Army Corps
of Engineers®

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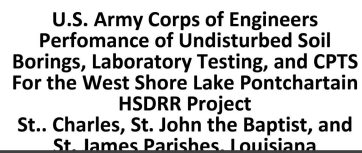
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT 7400 LEAKE AVE NEW ORLEANS LA 70118	DESIGNED BY: BRENNAN / BROOKS DRAWN BY: A. BRENNAN CHECKED BY: H. HATTEN SUBMITTED BY: D. BECK	ISSUE DATE: NOVEMBER 2002 SOLUTION NO.: Y00000000000000000000 CONTRACT NO.: Z00000000000000000000 FILE NUMBER: H4-4-1008	SIZE: ANSI D	FILE NAME: B-12 BORING	15-0080.dgn
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WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

BORING LOG
19-068U

ST. JOHN THE BAPTIST PARISH

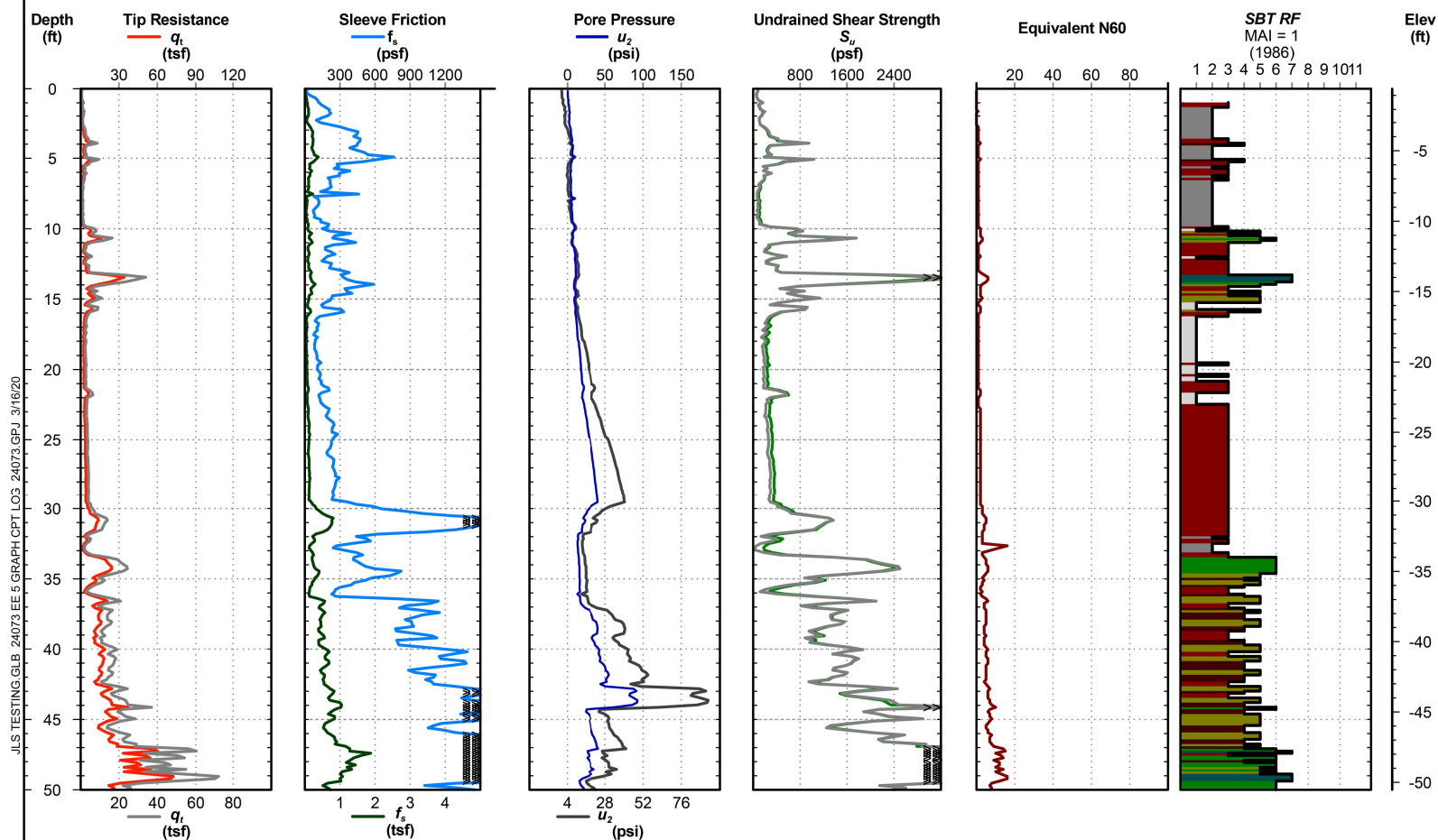
ADVERTISE SET



WSLP-19-056C

Project No: 24073
Date: 09/10/2019
Latitude: 30.10593°
Longitude: -90.54920°
CPT ID: DSA1082

Elevation: -0.5
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 80.2 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-056C.cpt Page 1 of 2



US Army Corps
of Engineers®

[illegible]

ISSUE DATE:	NOVEMBER 2022
SOLUTION NO.:	YXXXXXXX
CONTRACT NO.:	ZXXXXXXXXX
FILE NUMBER:	H-4-306
DESIGNED BY:	BRENNAN / BROOKS
DRAWN BY:	A. BRENNAN
CHECKED BY:	L. HATTEN
SUBMITTED BY:	D. BECK
FILE NAME:	B-14 CPT 19-056C.dgn

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
7400 LEAKE AVE.
NEW ORLEANS LA 70118

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

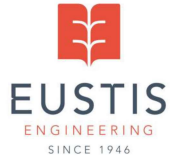
CPT LOG
19-056C

ST. JOHN THE BAPTIST PARISH

SHEET ID

B-14

ADVERTISE SET



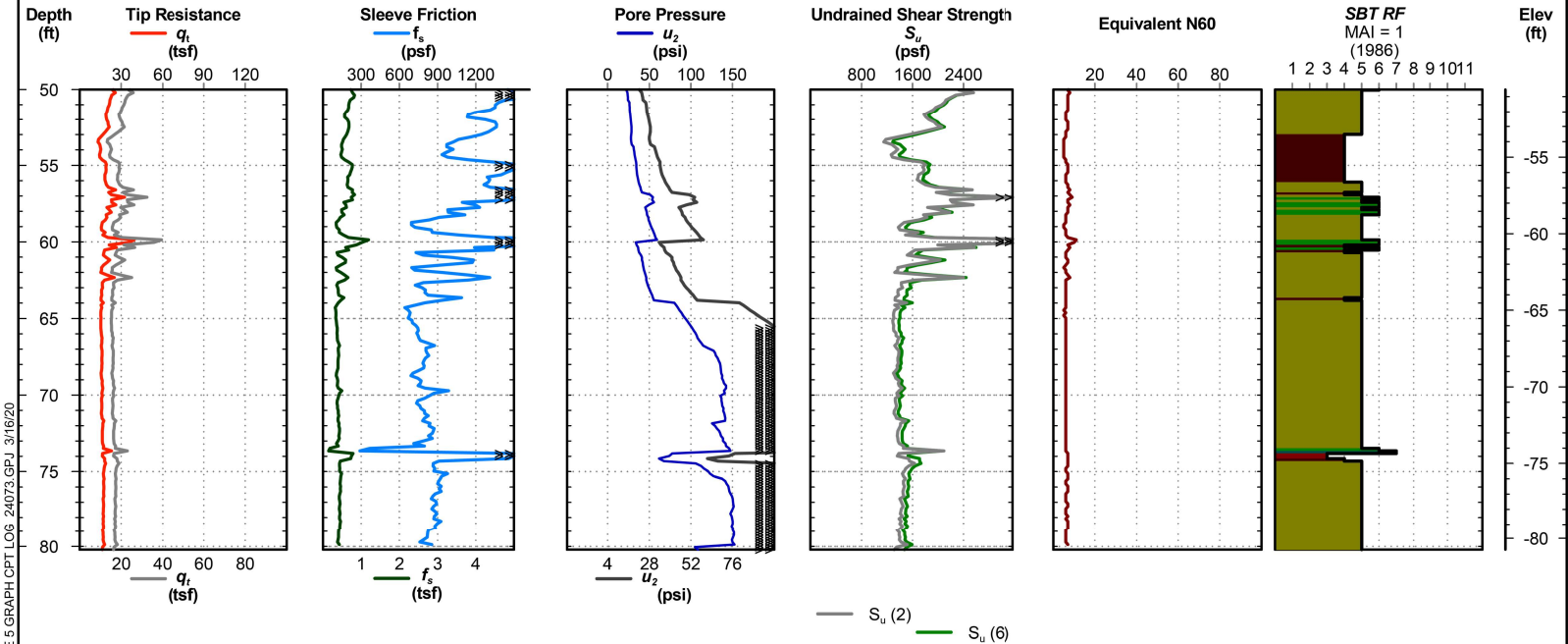
U.S. Army Corps of Engineers
Performance of Undisturbed Soil
Borings, Laboratory Testing, and CPTs
For the West Shore Lake Pontchartrain
HSDRR Project
St.. Charles, St. John the Baptist, and
St. James Parishes, Louisiana

CONE PENETRATION TEST

WSLP-19-056C

Project No: 24073
Date: 09/10/2019
Latitude: 30.10593°
Longitude: -90.54920°
CPT ID: DSA1082

Elevation: -0.5
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 80.2 ft
Operator: G.Reitmeyer



US Army Corps of Engineers

DESIGNED BY: BISMAN/ BROOKS	ISSUE DATE: NOVEMBER 2022
CHECKED BY: A. BRENNAN	CONTRACT NO.:
SUBMITTED BY:	FILE NUMBER:
DATE:	FILE NAME:
ANNO:	FILE: CPT-19056C-080

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LA 70118

CPT LOG
ST. JOHN THE BAPTIST PARISH

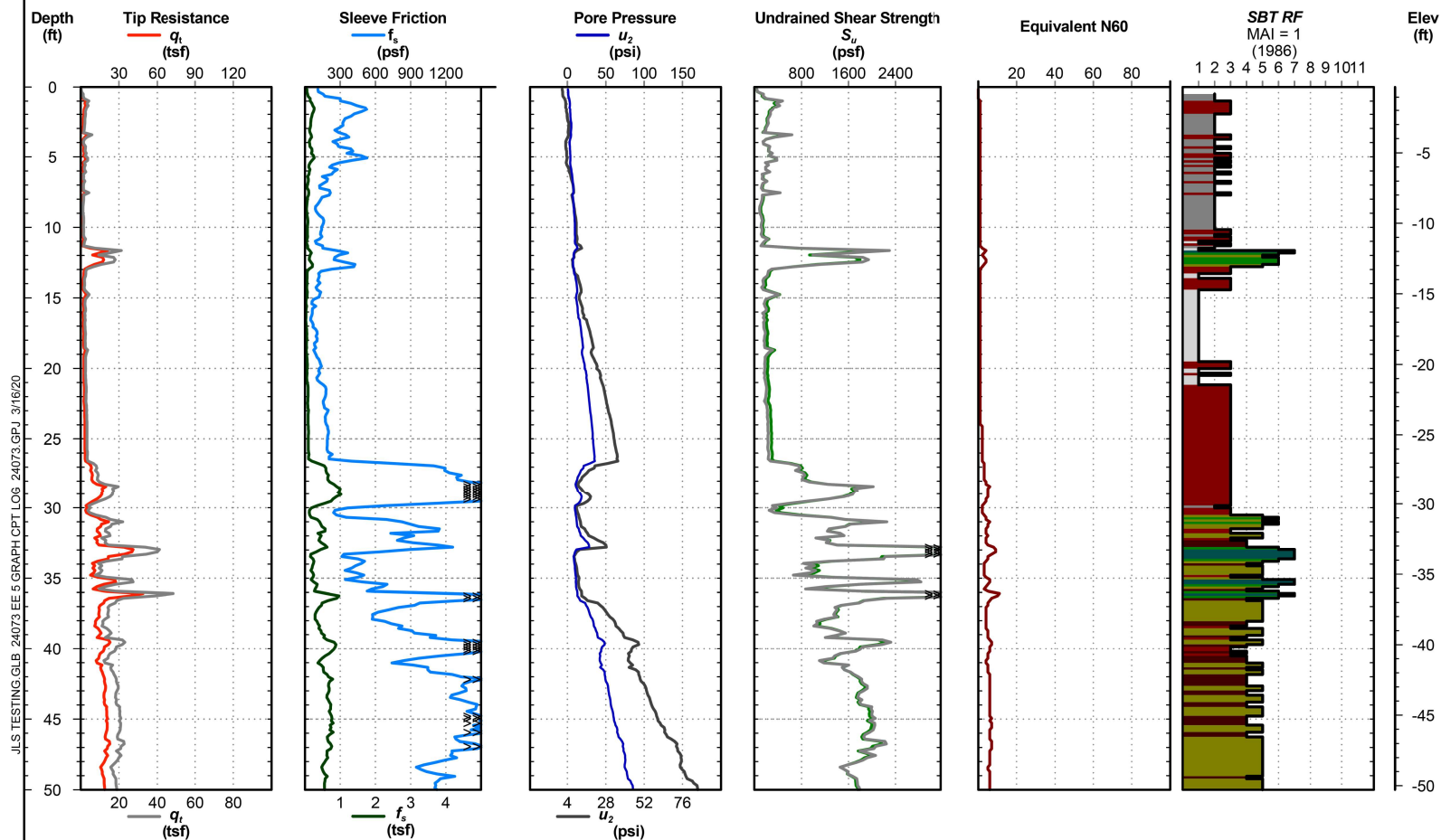
SHEET ID
B-15

CONE PENETRATION TEST

WSLP-19-057C

Project No: 24073
Date: 09/11/2019
Latitude: 30.10542°
Longitude: -90.55224°
CPT ID: DSA1082

Elevation: -0.3
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.7 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-057C.cpt Page 1 of 2



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of Engineers®

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT 7400 LEAKE AVE. NEW ORLEANS LA 70118	DESIGNED BY:	D. B. BROOKS	ISSUE DATE:	1-26-82
	DRAWN BY:	A. BRENNAN	SOLICITATION NO.:	W00XXXXXXXXXX
	CHECKED BY:		CONTRACT NO.:	DAAG07-80-M-0009
	DATE CHECKED:		FILE NUMBER:	H-54-305
	SUBMITTED BY:			
	SIZE:	D. ECK	FILE NAME:	00000000

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP-107 LEVEE

SHEET ID

B-16

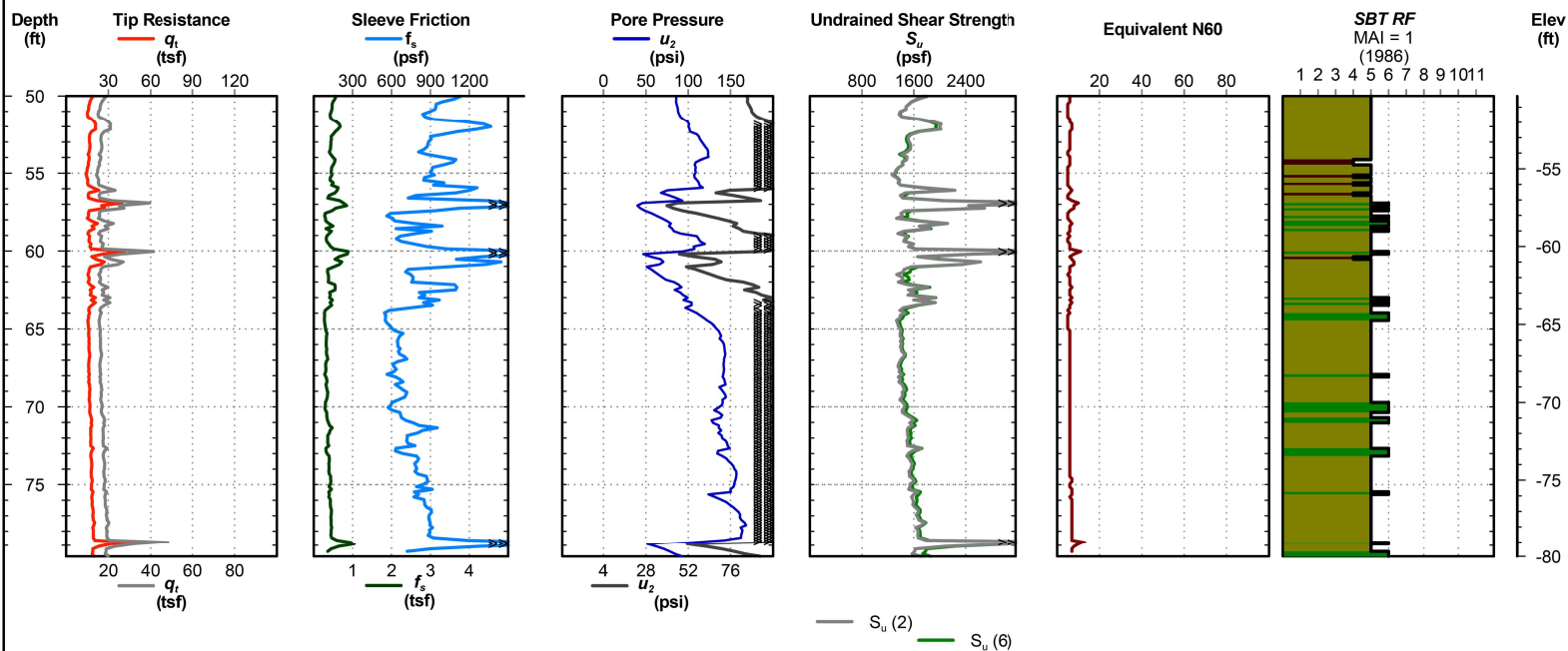
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-057C

Project No: 24073
Date: 09/11/2019
Latitude: 30.10542°
Longitude: -90.55224°
CPT ID: DSA1082

Elevation: -0.3
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.7 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. Su(2) was calculated using a Nkt value of 18 and the ground water table at the surface. Su(6) was calculated using a Nc value of 20.

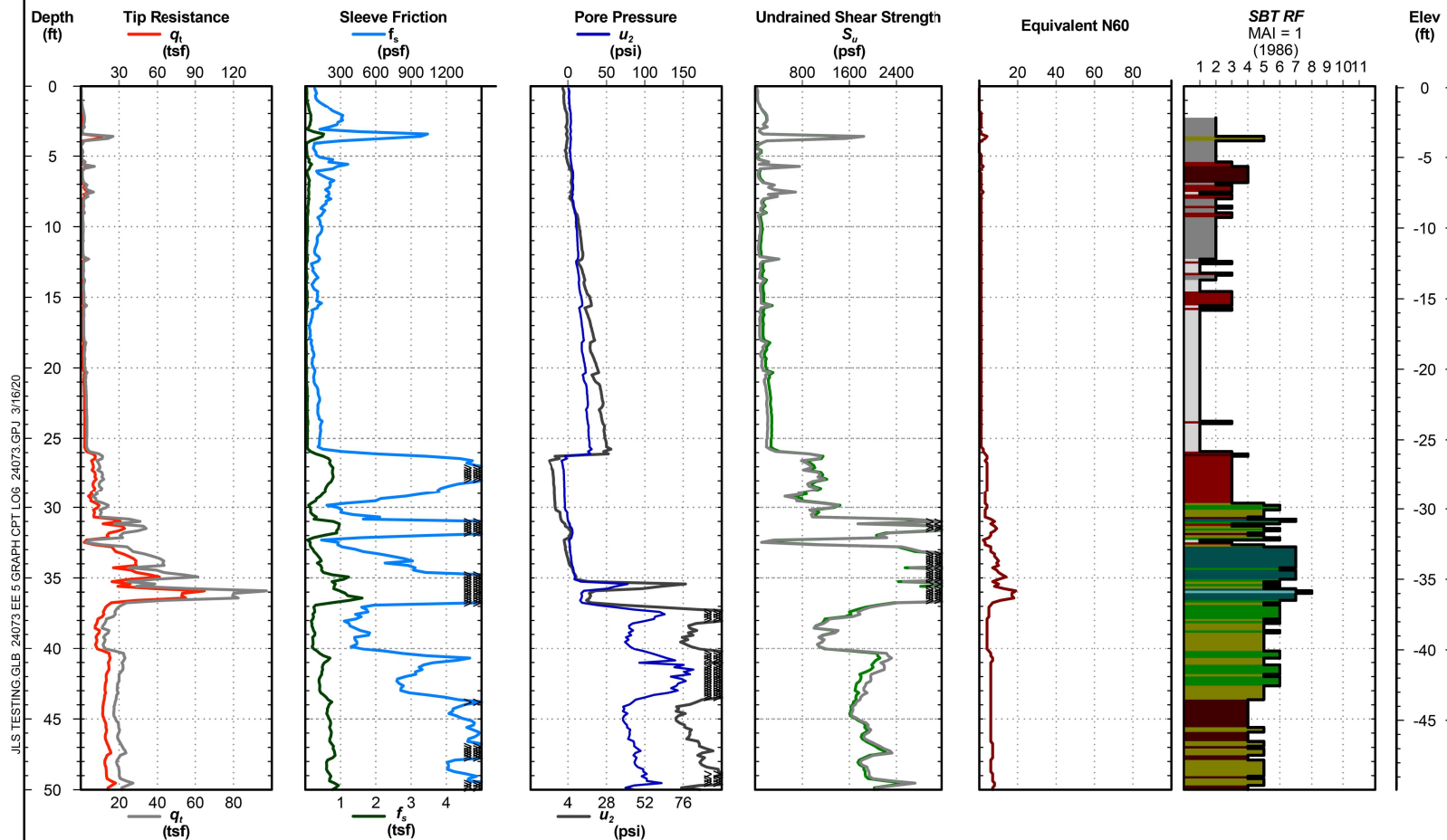
Electronic Filename: 24073WSLP-19-057C.cpt Page 2 of 2

CONE PENETRATION TEST

WSLP-19-058C

Project No: 24073
Date: 09/11/2019
Latitude: 30.10488°
Longitude: -90.55537°
CPT ID: DSA1082

Elevation: 0.1
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.7 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-058C.cpt Page 1 of 2



US Army Corps
of Engineers®

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT 4001 LEAKE AVE NEW ORLEANS LA 70118	DESIGNED BY: BRENNAN / BROOKS DRAWN BY: A. BRENNAN CHECKED BY: UNLIMITED SUBMITTED BY: FILE NUMBER: D. SIZE: H4-1208 FILE NAME: B-18_CPT 16-050C.dgn
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WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEEVEE

SHEET ID

B-18

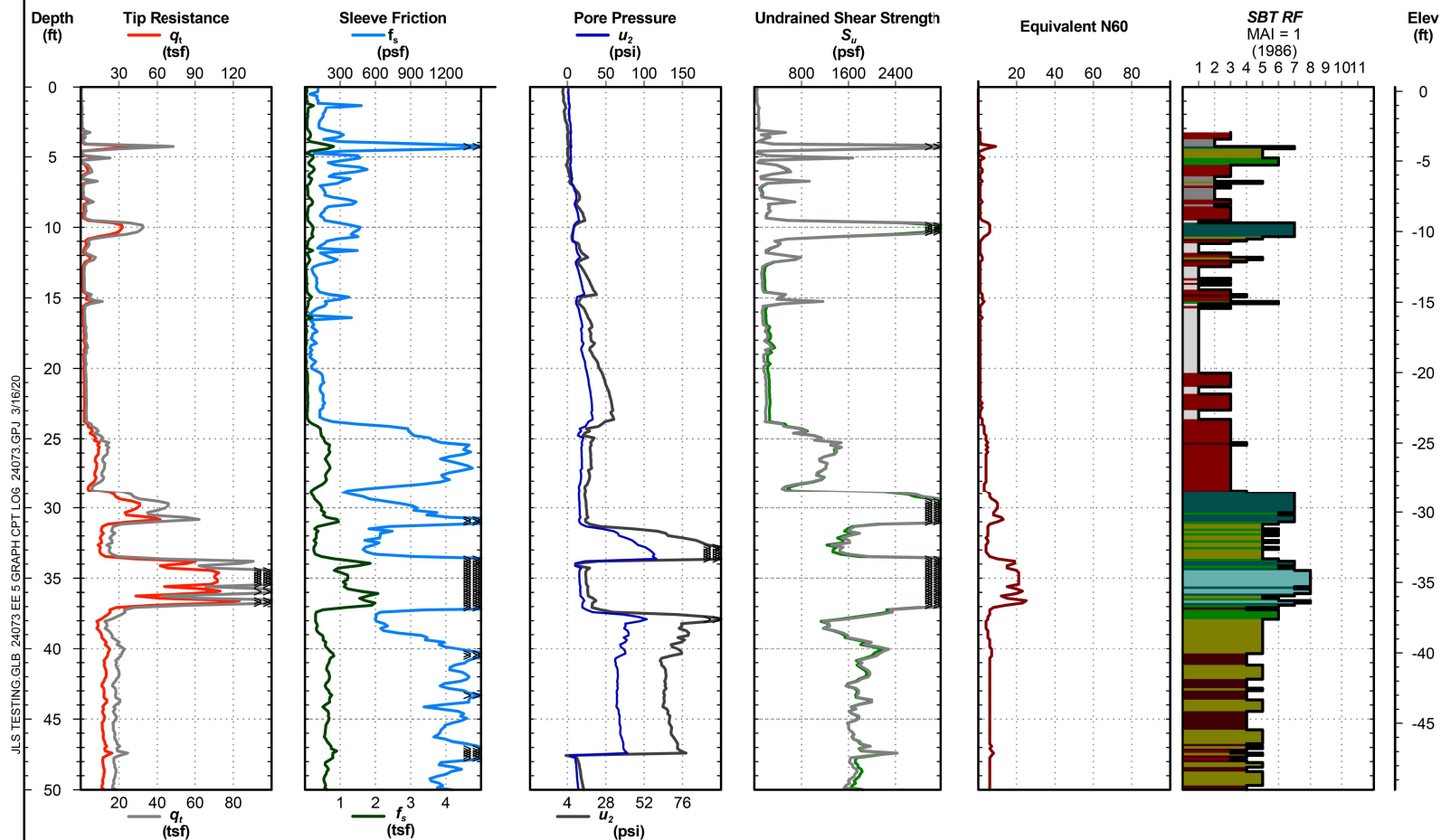
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-059C

Project No: 24073
Date: 09/11/2019
Latitude: 30.10433°
Longitude: -90.55847°
CPT ID: DSA1082

Elevation: 0.3
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 80.1 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-059C.cpt

Page 1 of 2



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[illegible]

U.S. ARMY CORP. OF ENGINEERS NEW ORLEANS DISTRICT 1400 LEAVE AVE. NEW ORLEANS LA 70118	DESIGNED BY: D. B. BROWN	ISSUE DATE: 11-2-82
	DRAWN BY: A. BRENNAN	SOLICITATION NO.: V00000000000000000000
	CHECKED BY:	CONTRACT NO.: DAAG07-82-1-0000
	SUBMITTED BY:	FILE NUMBER: H-54-305
	D. BECK	
	SIZE:	FILE NAME:

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP-107 LEVEE

SHEET ID

B-20

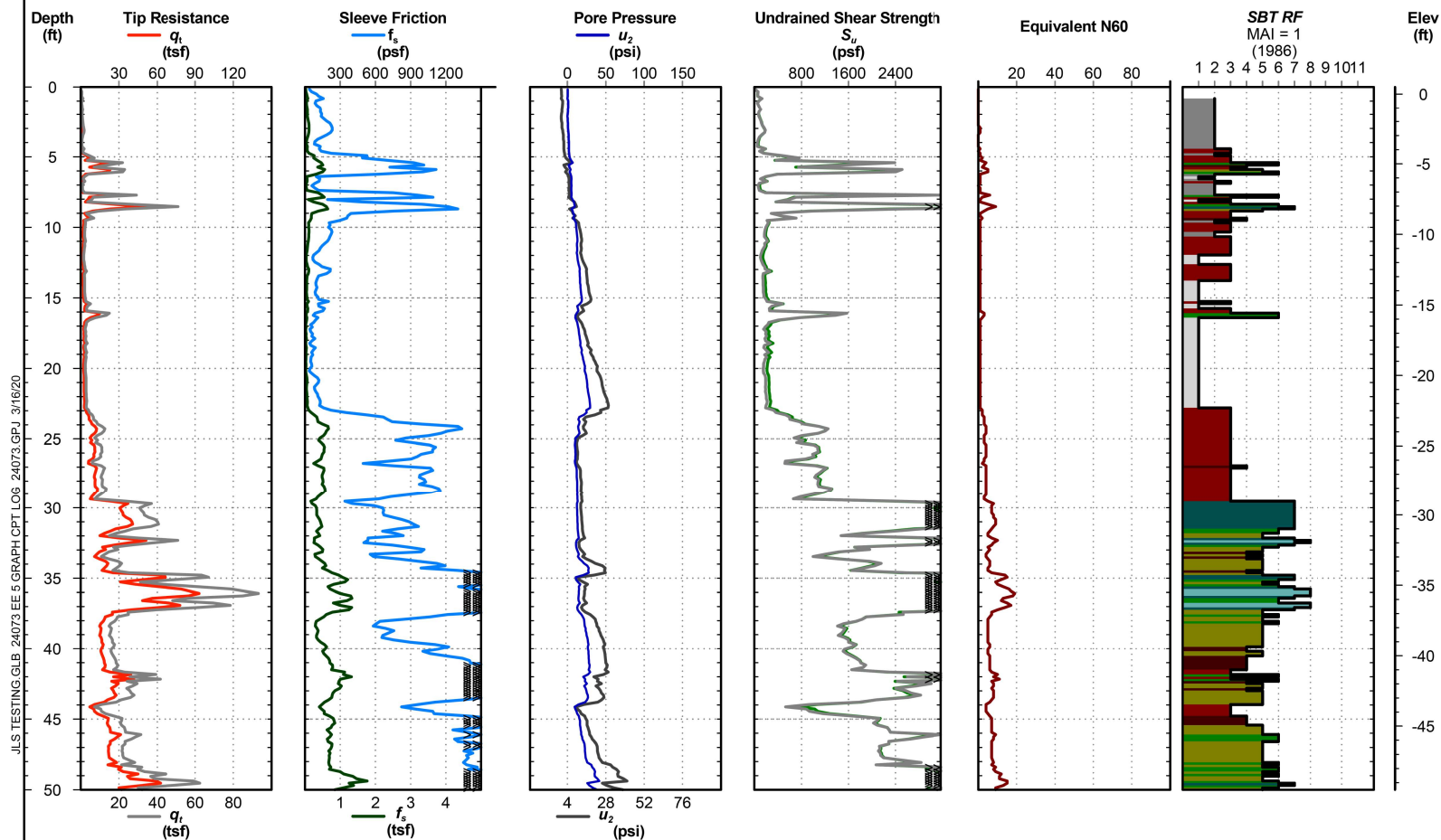
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-060C

Project No: 24073
Date: 09/12/2019
Latitude: 30.10376°
Longitude: -90.56155°
CPT ID: DSA1082

Elevation: 0.5
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 80.1 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-060Cx.cpt Page 1 of 2



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DESIGNED BY: BRENNAN / BROOKS	ISSUE DATE: NOVEMBER 2022
DRAWN BY: A. BRENNAN	SOLICITATION NO.: YXXXXXXXXXXXXX
CHECKED BY: L. HATTEN	CONTRACT NO.: ZXXXXXXXXXXXXX
SUBMITTED BY: D. BECK	FILE NUMBER: H-4-1308
SIZE: ANSI D	FILE NAME: 8-22_CPT 15-090C.dgn

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
7400 LEAKE AVE
NEW ORLEANS LA 70118

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

CPT LOG
19.060C
ST. JOHN THE BAPTIST PARISH

SHEET ID

B-22

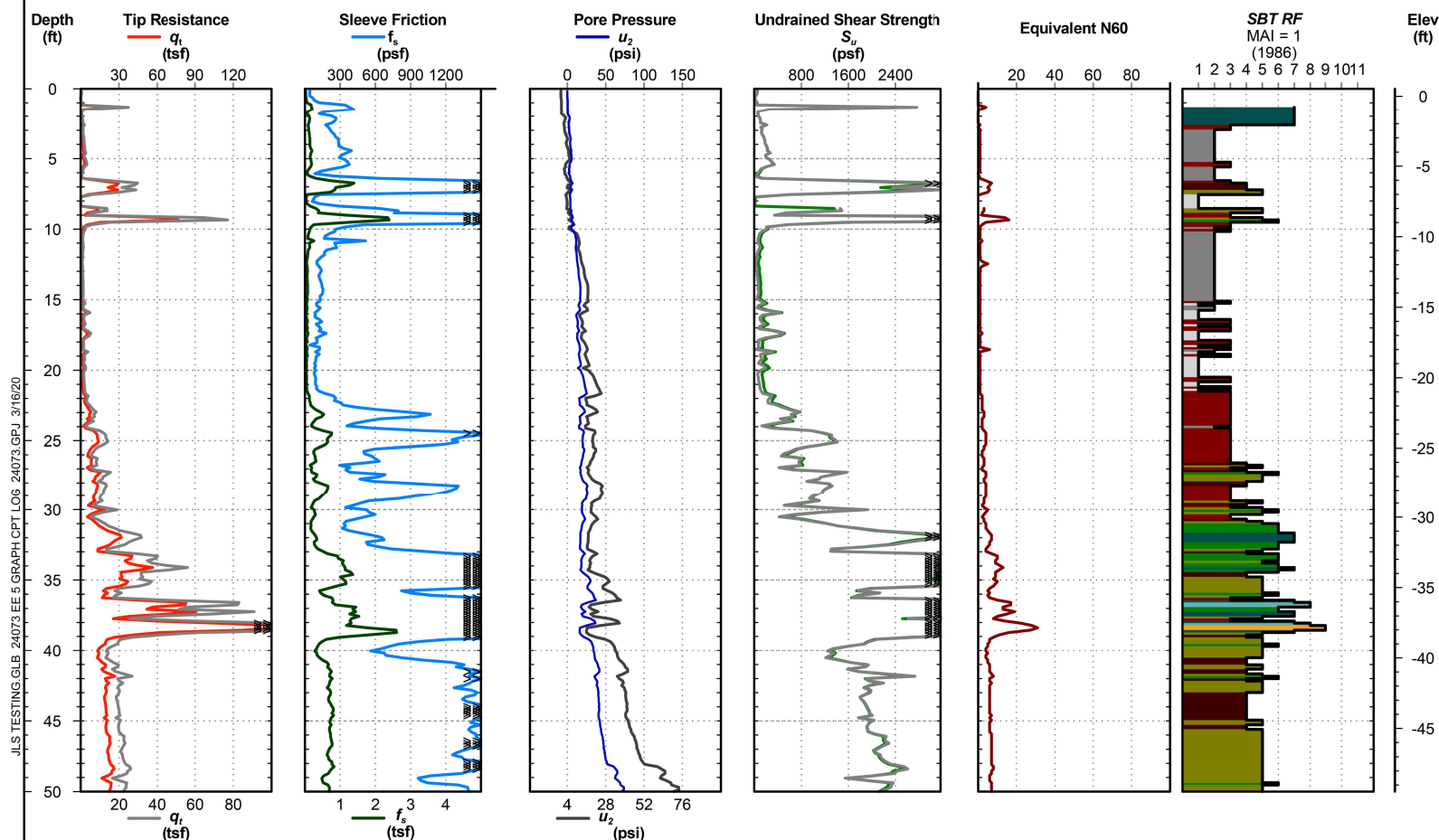
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-061C

Project No: 24073
Date: 09/12/2019
Latitude: 30.10320°
Longitude: -90.56467°
CPT ID: DSA1082

Elevation: 0.5
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 78.9 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-061C.cpt

Page 1 of 2



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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT 100 CANAL AVENUE NEW ORLEANS LA 70118	DESIGNED BY: BRENNAN / BROOKS	ISSUE DATE: NOVEMBER 2022
	DRAWN BY: A. BRENNAN	SOLICITATION NO.: V00000000000000000000
	CHECKED BY: L. HATTEN	CONTRACT NO.: Z00000000000000000000
	SUBMITTED BY:	FILE NUMBER: H-64308
	D. BECK	
	SIZE:	FILE NAME:

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

CPT LOG
19-061C
ST. JOHN THE BAPTIST PARISH

SHEET ID

B-24

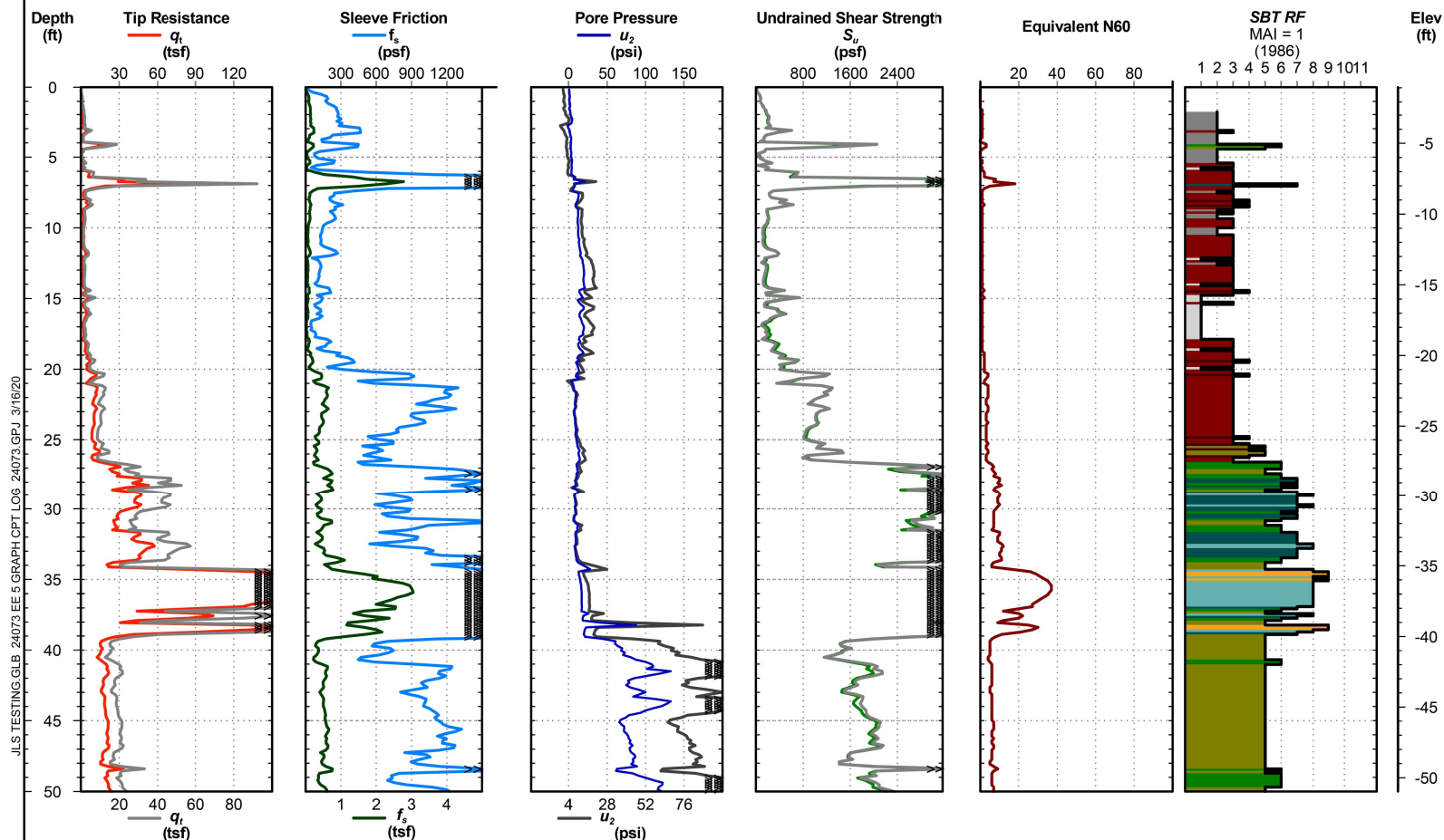
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-062C

Project No: 24073
Date: 09/12/2019
Latitude: 30.10266°
Longitude: -90.56773°
CPT ID: DSA1082

Elevation: -1.0
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.9 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. $S_u(2)$ was calculated using a Nkt value of 18 and the ground water table at the surface. $S_u(6)$ was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-062C.cpt Page 1 of 2



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DESIGNED BY: BRENNAN / BROOKS	ISSUE DATE: NOVEMBER 2022
DRAWN BY: A. BRENNAN	SOLICITATION NO.: YXXXXXXXXXXXXX
CHECKED BY: L. HATTEN	CONTRACT NO.: ZXXXXXXXXXXXXX
SUBMITTED BY: D. BECK	FILE NUMBER: H-4-1308
SIZE: ANSI D	FILE NAME: 9-26_CPT 15-032C.dgn

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
7400 LEAKE AVE
NEW ORLEANS LA 70118

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

CPT LOG
19.062C

ST. JOHN THE BAPTIST PARISH

SHEET ID

B-26

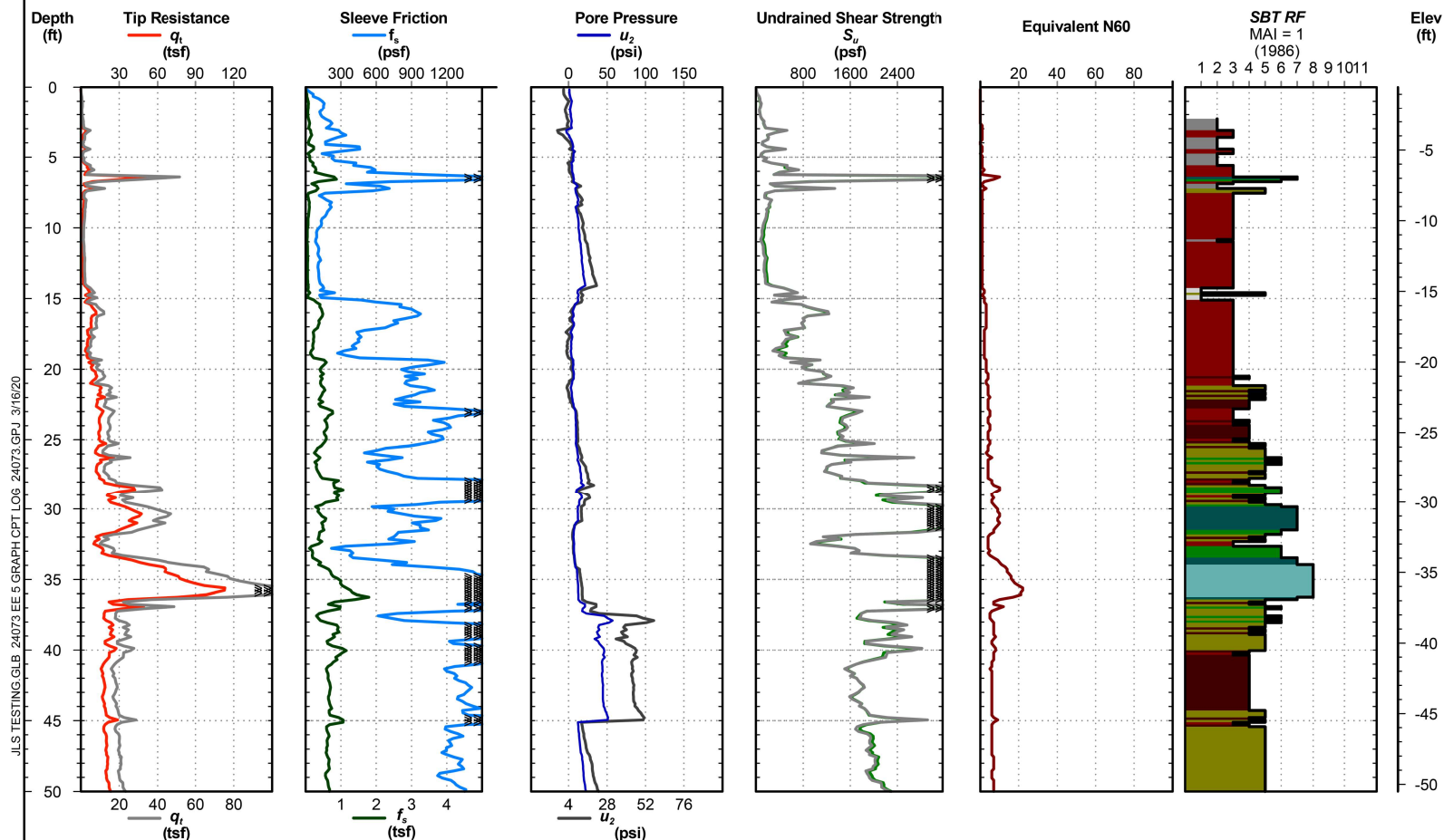
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-063C

Project No: 24073
Date: 09/13/2019
Latitude: 30.10213°
Longitude: -90.57083°
CPT ID: DSA1082

Elevation: -0.5
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.7 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. Su(2) was calculated using a Nkt value of 18 and the ground water table at the surface. Su(6) was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-063C.cpt Page 1 of 2



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U.S. ARMY CORP. OF ENGINEERS NEW ORLEANS DISTRICT 1400 LEAVE AVE. NEW ORLEANS LA 70118	DESIGNED BY:	ISSUE DATE:
	DRAWN BY:	ISSUE NO.:
	CHECKED BY:	CONTRACT NO.:
	SUBMITTED BY:	FILE NUMBER:
	D. BECK	H-54-305
	Size:	FILE NAME:

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 10' LEVEE

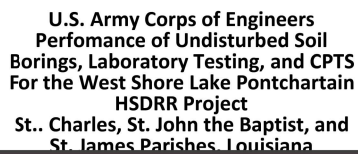
CPT LOG
19-063C

ST. JOHN THE BAPTIST PARISH

SHEET ID

B-28

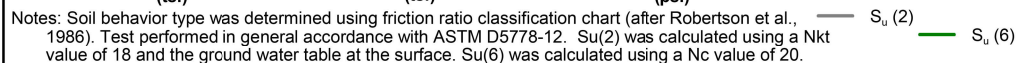
ADVERTISE SET



WSLP-19-101C-V

Project No: 24073
Date: 09/19/2019
Latitude: 30.10465°
Longitude: -90.55682°
CPT ID: DSA1082

Elevation: -0.2
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.2 ft
Operator: G.Reitmeyer



Electronic Filename: 24073WSLP-19-101CVx.cpt Page 1 of 2

[illegible]

ISSUE DATE:	NOVEMBER 2022
SOLICITATION NO:	YXXXXXXXXX
CONTRACT NO:	ZXXXXXXXXX
FILE NUMBER:	H-4-508
DESIGNED BY:	BRENNAN / BROOKS
DRAWN BY:	A. BRENNAN
CHECKED BY:	L. HATTEN
SUBMITTED BY:	D. BECK
FILE NAME:	9-31 CPT 19-101C-V.dgn
SIZE:	ANSI D

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
7400 LEAKE AVE
NEW ORLEANS LA 70118

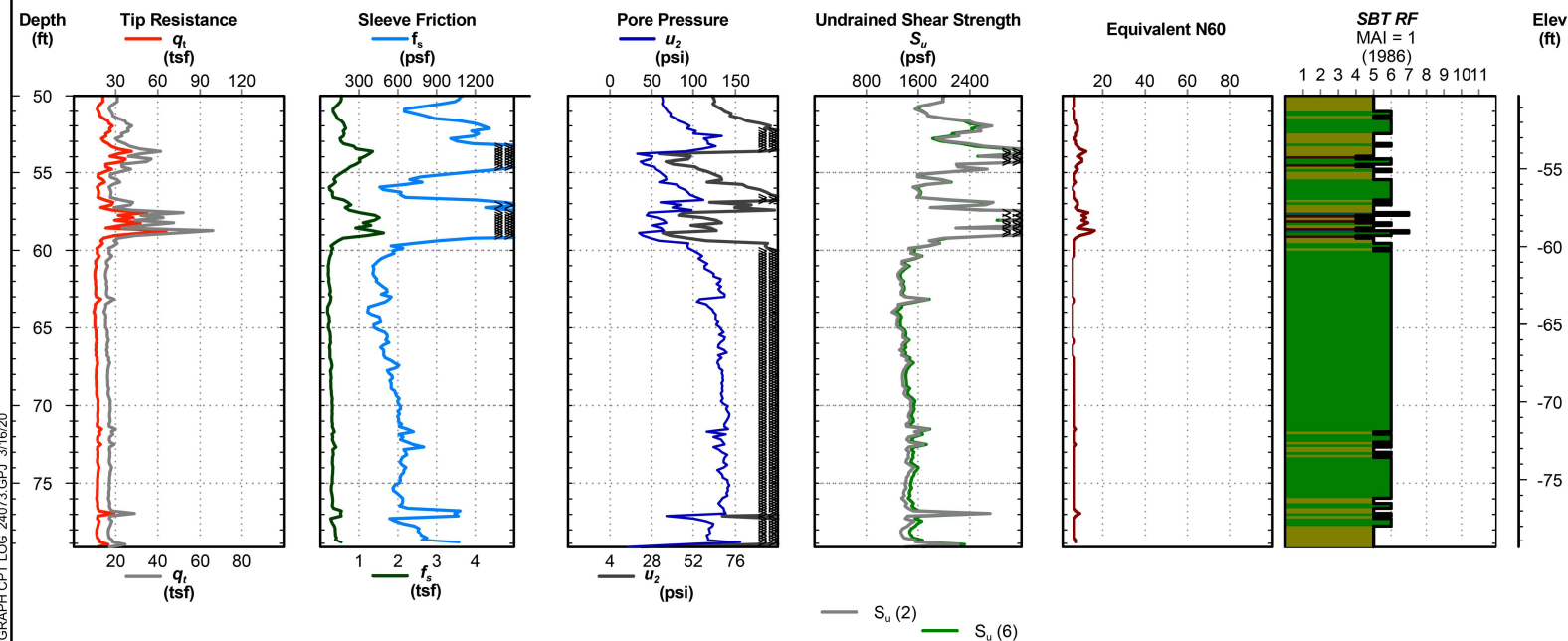
WEST SHORE LAKE PONTCHARTRAIN, LA
E AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

SHEET ID

B-31

ADVERTISE SET

Elevation: -0.2
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 79.2 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. Su(2) was calculated using a Nkt value of 18 and the ground water table at the surface. Su(6) was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-101CVx.cpt Page 2 of 2



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U.S. AIR FORCE ENGINEERS NEW ORLEANS DISTRICT 7400 LEASE AVE. NEW ORLEANS LA 70118	DESIGNED BY:	ISSUE DATE:
	DRAWN BY: 2 BROOKS	SOLUTION NO.: 0022
	A. BRENNAN	Y0000000000000
	CHECKED BY:	CONTRACT NO.:
	L. HATTEN	Z00000000000000
	SUBMITTED BY:	FILE NUMBER:
	DATE:	H-64-558
	FILE NAME:	
SIZE:	FILE NO.	
ANSI:	PC2	CPT 15-10-CV-dm

WEST SHORE LAKE PONTCHARTRAIN, LA
HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 07 LEVEE

CPT LOG
19-101C-V

ST. JOHN THE BAPTIST PARISH

SHEET ID

B-32

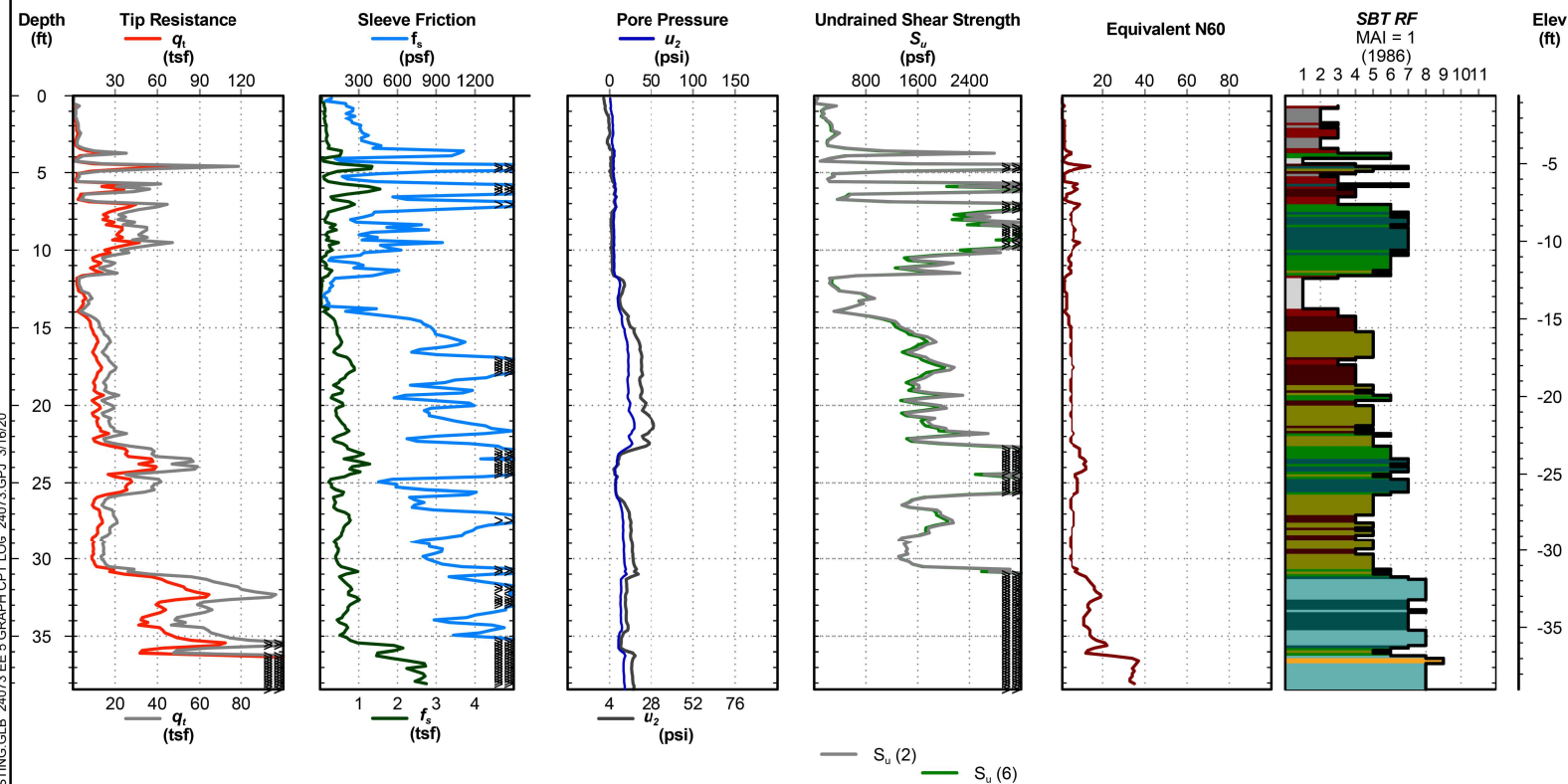
ADVERTISE SET

CONE PENETRATION TEST

WSLP-19-102C-V

Project No: 24073
Date: 09/13/2019
Latitude: 30.10180°
Longitude: -90.57241°
CPT ID: DSA1082

Elevation: -0.6
Datum: NAVD88
Est. Water Depth: 0.0 ft
Total Depth: 38.4 ft
Operator: G.Reitmeyer



Notes: Soil behavior type was determined using friction ratio classification chart (after Robertson et al., 1986). Test performed in general accordance with ASTM D5778-12. Su(2) was calculated using a Nkt value of 18 and the ground water table at the surface. Su(6) was calculated using a Nc value of 20.

Electronic Filename: 24073WSLP-19-102CVx.cpt Page 1 of 1



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DESIGNED BY:	BRENNAN / BROOKS	ISSUE DATE:	NOVEMBER 2022
DRAWN BY:	A. BRENNAN	SOLICITATION NO.:	YXXXXXXX
CHECKED BY:	L. HATTEN	CONTRACT NO.:	ZXXXXXXXXX
SUBMITTED BY:	D. BECK	FILE NUMBER:	H-5-308
SIZE:	ANSI	FILE NAME:	B-33 CPT 19-102C-V.dwg

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
7400 LEAKE AVE.
NEW ORLEANS LA 70118

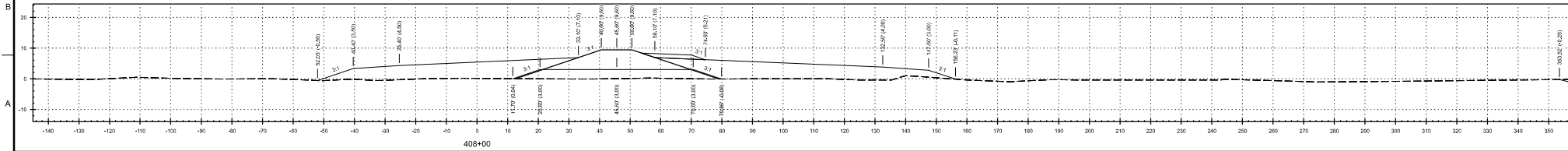
WEST SHORE LAKE PONTCHARTRAIN, LA
E AND STORM DAMAGE RISK REDUCTION PROJECT
WSLP - 107 LEVEE

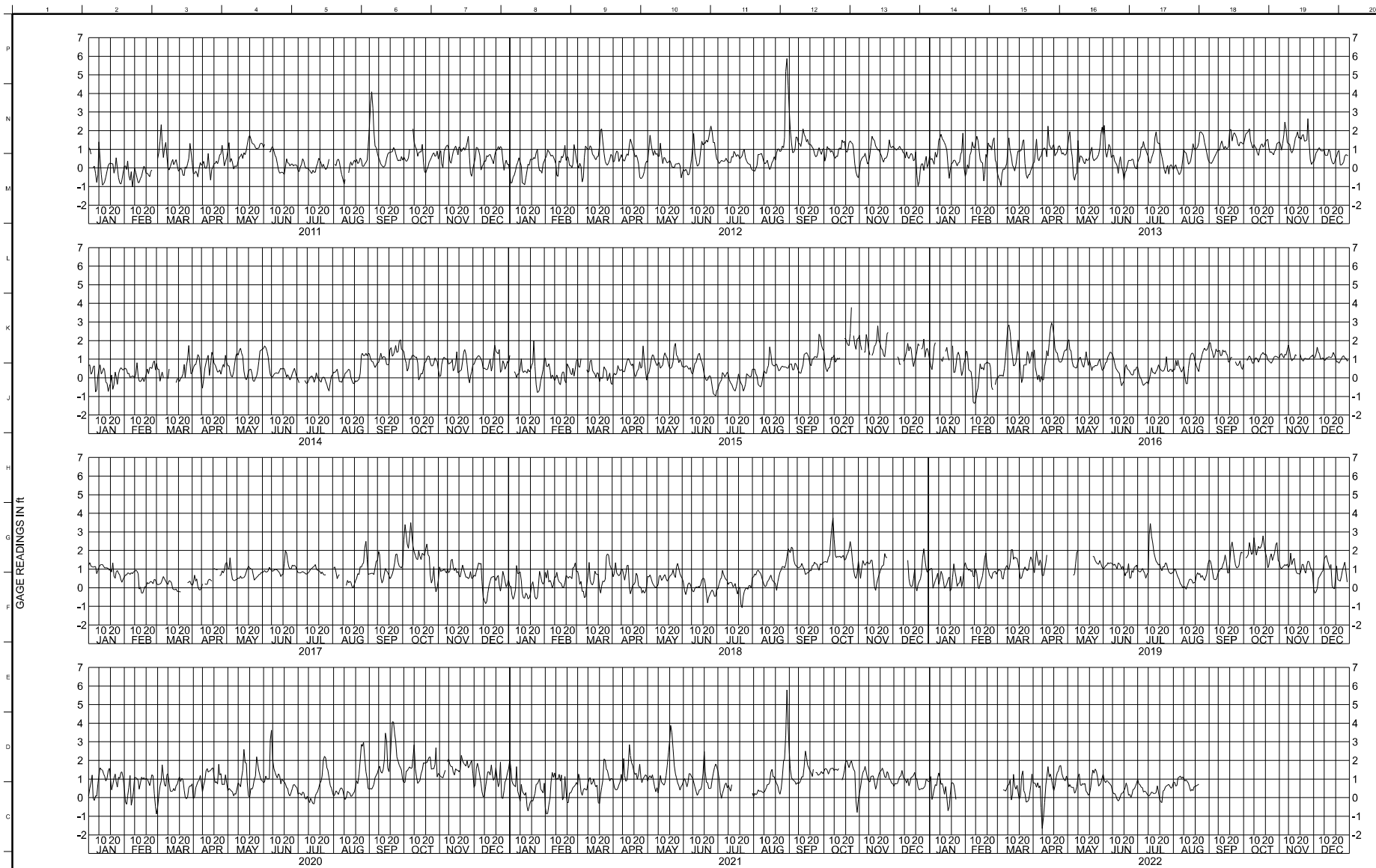
SHEET ID

B-33

ADVERTISE SET

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THESE HYDROGRAPHS DEPICT HISTORICAL FACT ONLY AND NO PREDICTION IS INTENDED AS TO FUTURE WATER STAGES. THE SUCCESSFUL OFFEROR IS EXPECTED TO UNDERSTAND THE FACT THAT FUTURE WATER STAGES, DESPITE ANY APPARENT HISTORICAL PATTERNS, ARE DEPENDENT UPON VAGARIES OF NATURE AND MAY DIFFER DRASTICALLY AT ANY TIME FROM ANY HISTORICAL PATTERN THAT MIGHT BE INFERRED.

A MORE COMPLETE HISTORY OF WATER STAGES IS AVAILABLE FROM THE U.S. ARMY CORPS OF ENGINEERS DISTRICT, VICKSBURG. GAPS IN THE STAGE HYDROGRAPHS INDICATE NO READINGS AVAILABLE.

LAKE PONTCHARTRAIN
AT WEST END GAGE

GAGE READINGS IN ft

ISSUE DATE: NOVEMBER 2022	
DESIGNED BY: BISHANAU, BROOKS	
CHECKED BY: A. BRENNAN	
SUBMITTED BY: [REDACTED]	
FILE NAME: 14-4-19	
FILE NUMBER: [REDACTED]	
DATE: [REDACTED]	
AMTD: [REDACTED]	
DESCRIPTION: [REDACTED]	
MARK: [REDACTED]	
DATE: [REDACTED]	
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT NEW ORLEANS, LA 70118	
WEST SHORE LAKE PONTCHARTRAIN, LA WSP-107 LEVEE HURRICANE AND STORM DAMAGE RISK REDUCTION PROJECT	
WEST END GAGE AT LAKE PONTCHARTRAIN CALLED BY: ST. JOHN THE BAPTIST PARISH	
SHEET ID X-01	

ADVERTISE SET