

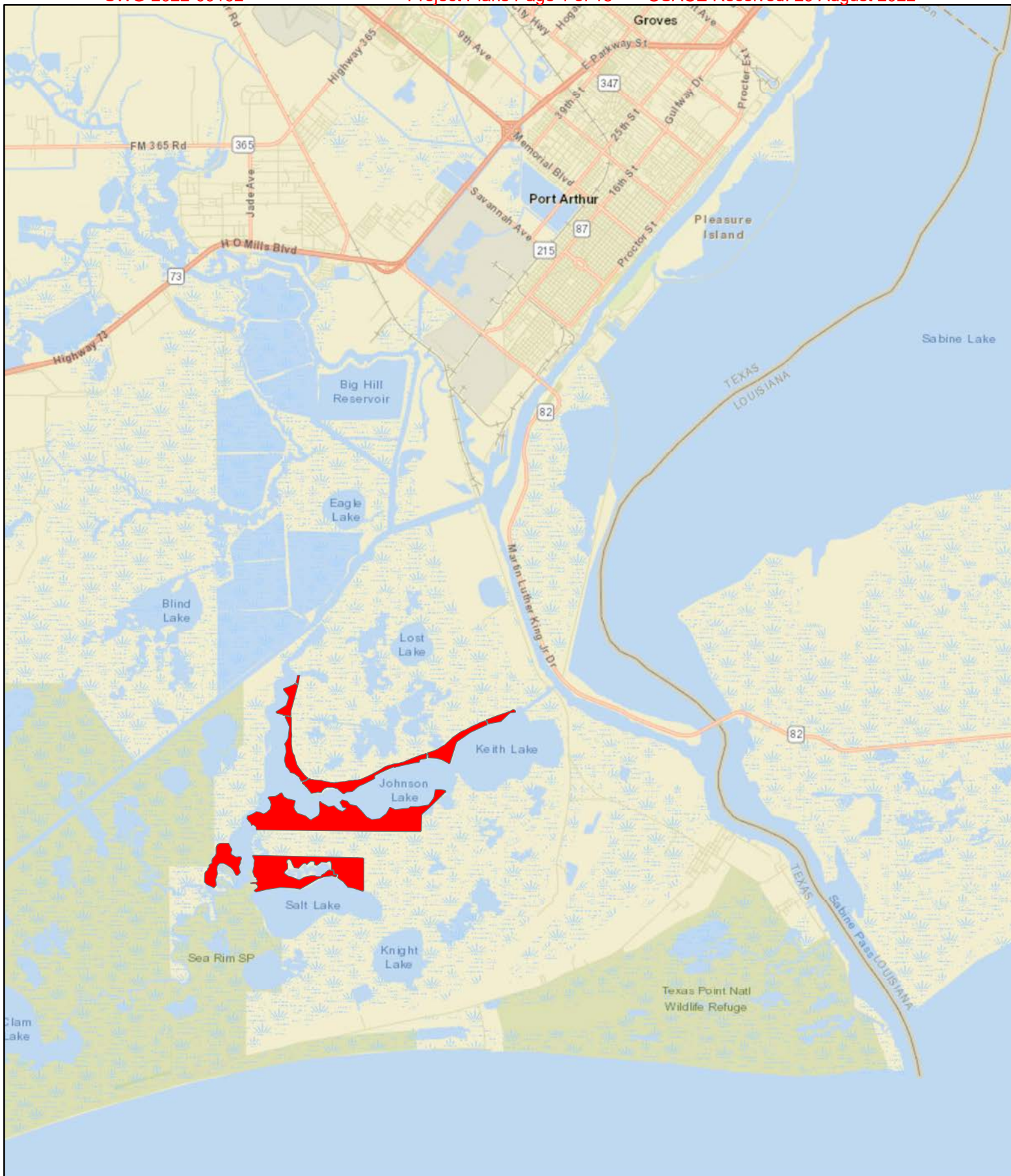


Figure 1: Vicinity Map
JD Murphree WMA Project Area
Ducks Unlimited Restore Act Beneficial Use Projects

Jefferson County, Texas

Legend

■ JD Murphree WMA Project Area

Map Base: ESRI World Streetmap
 Map Base: NAD 1983 UTM Zone 15N, meters
 Map Date: January 4, 2022

N
 1:140,000



0 0.75 1.5 3
 Miles

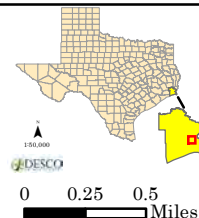
**Legend**

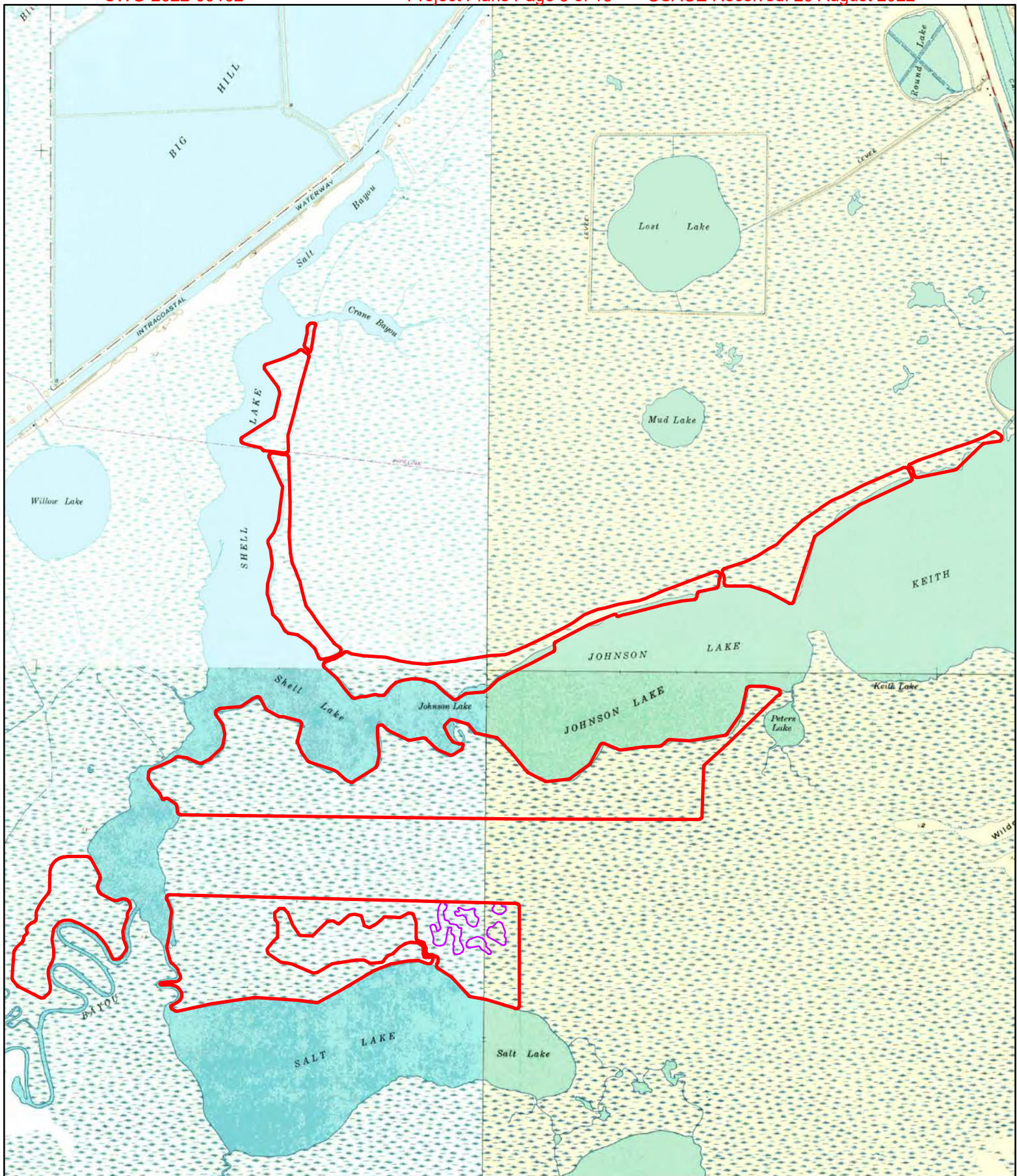
- JD Murphree WMA Project Area
- Training Dyke

Figure 2: Site Location Map
JD Murphree WMA Project Area
Ducks Unlimited Restore Act Beneficial Use Projects

Jefferson County, Texas

Map Base: 2018 NAIP Aerial Imagery from TNIRIS
Map Base: NAD 1983 UTM Zone 15N, meters
Map Date: January 4, 2022





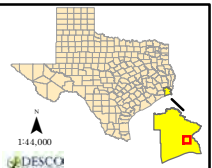
Legend

- JD Murphree WMA Project Area
- Training Dyke

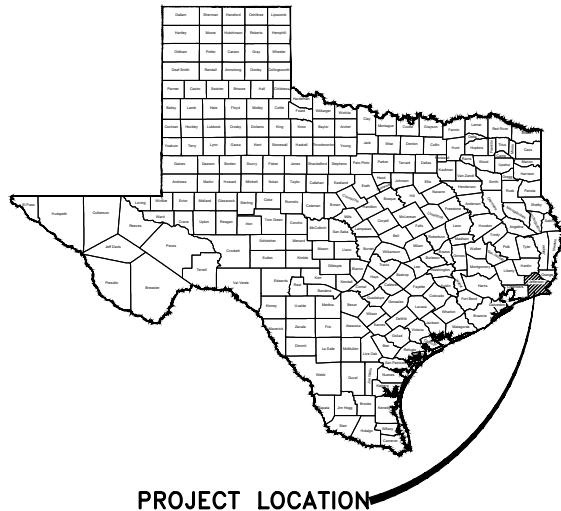
Figure 3: Site DRG Topo Map
JD Murphree WMA Project Area
Ducks Unlimited Restore Act Beneficial Use Projects

Jefferson County, Texas

Map Base: 1:24K DRG Topo from TNRIS
 Map Base: NAD 1983 UTM Zone 15N, meters
 Map Date: January 4, 2022



0 0.25 0.5 Miles



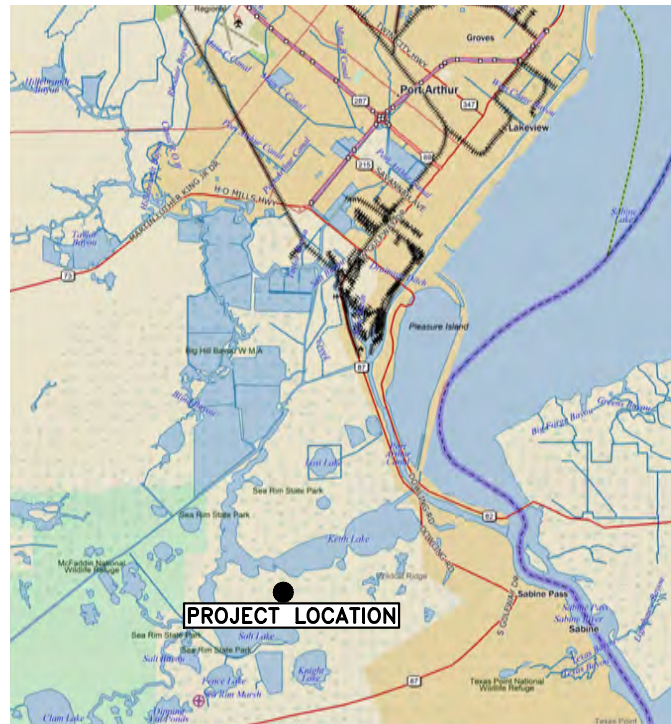
PROJECT LOCATION

DUCKS UNLIMITED, INC. SALT BAYOU BU

JEFFERSON COUNTY
IN COOPERATION WITH
TEXAS GENERAL LAND OFFICE

SPECIFICATIONS

201 MOBILIZATION
204 EMBANKMENT
301 DREDGE PLACEMENT
401 SIGNAGE



Sheet List Table

- 1 COVER SHEET
- 2 OVERALL EXISTING
- 3 OVERALL BU LAYOUT
- 4 CELL 1A
- 5 CELL 1B
- 6 CELL 1C
- 7 CELL 1D (SHEET 1 OF 2)
- 8 CELL 1D (SHEET 2 OF 2)
- 9 CELL 1E
- 10 CELL 1F
- 11 CELL 2 (SHEET 1 OF 2)
- 12 CELL 2 (SHEET 2 OF 2)
- 13 CELL 3
- 14 CELL 4
- 15 DETAILS

CAUTION:
THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

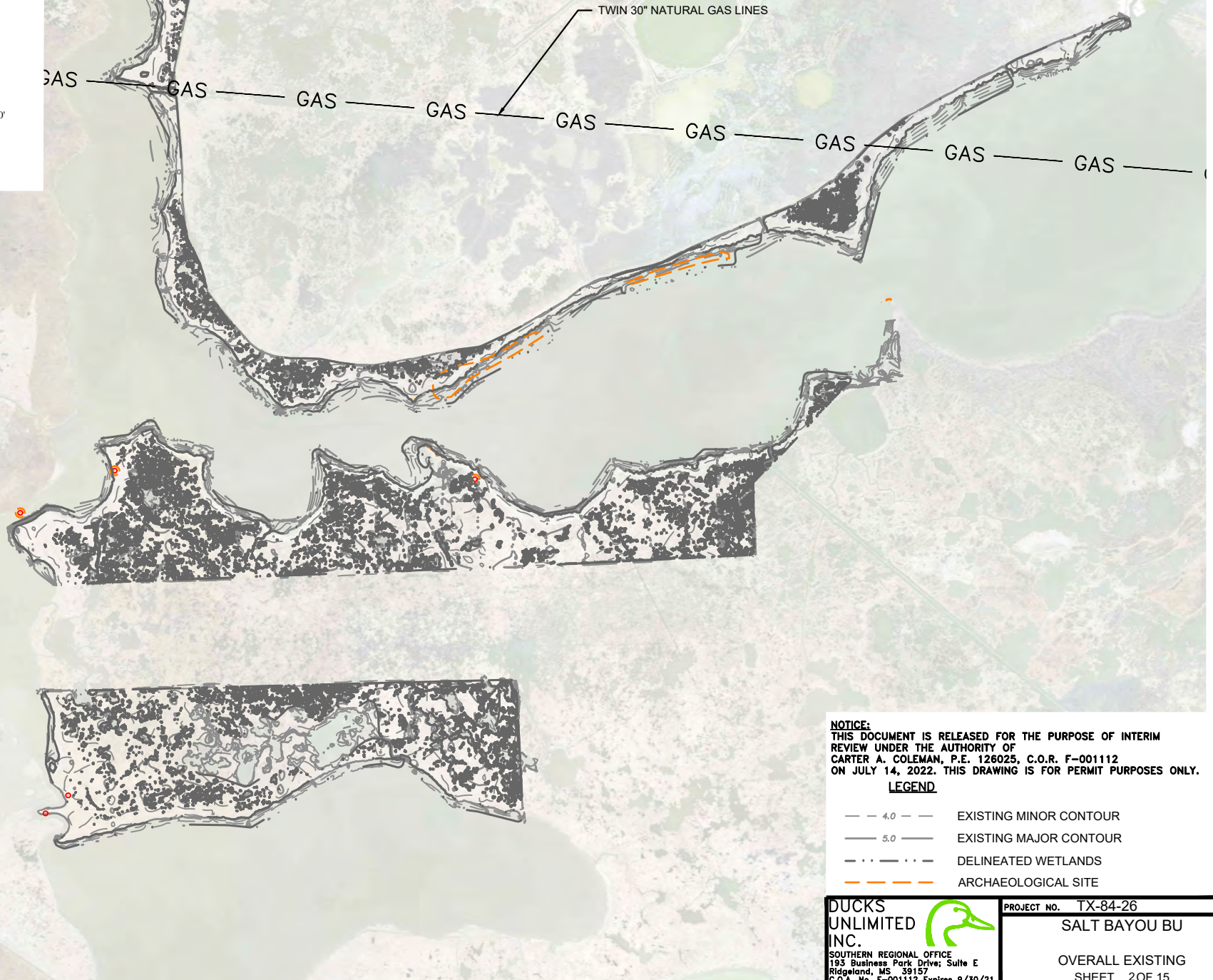
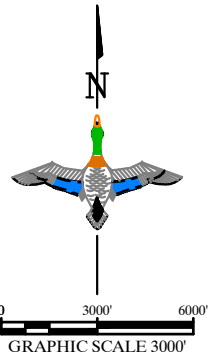
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PROJECT NO. TX-84-26
SALT BAYOU BU

COVER SHEET
SHEET 1 OF 15



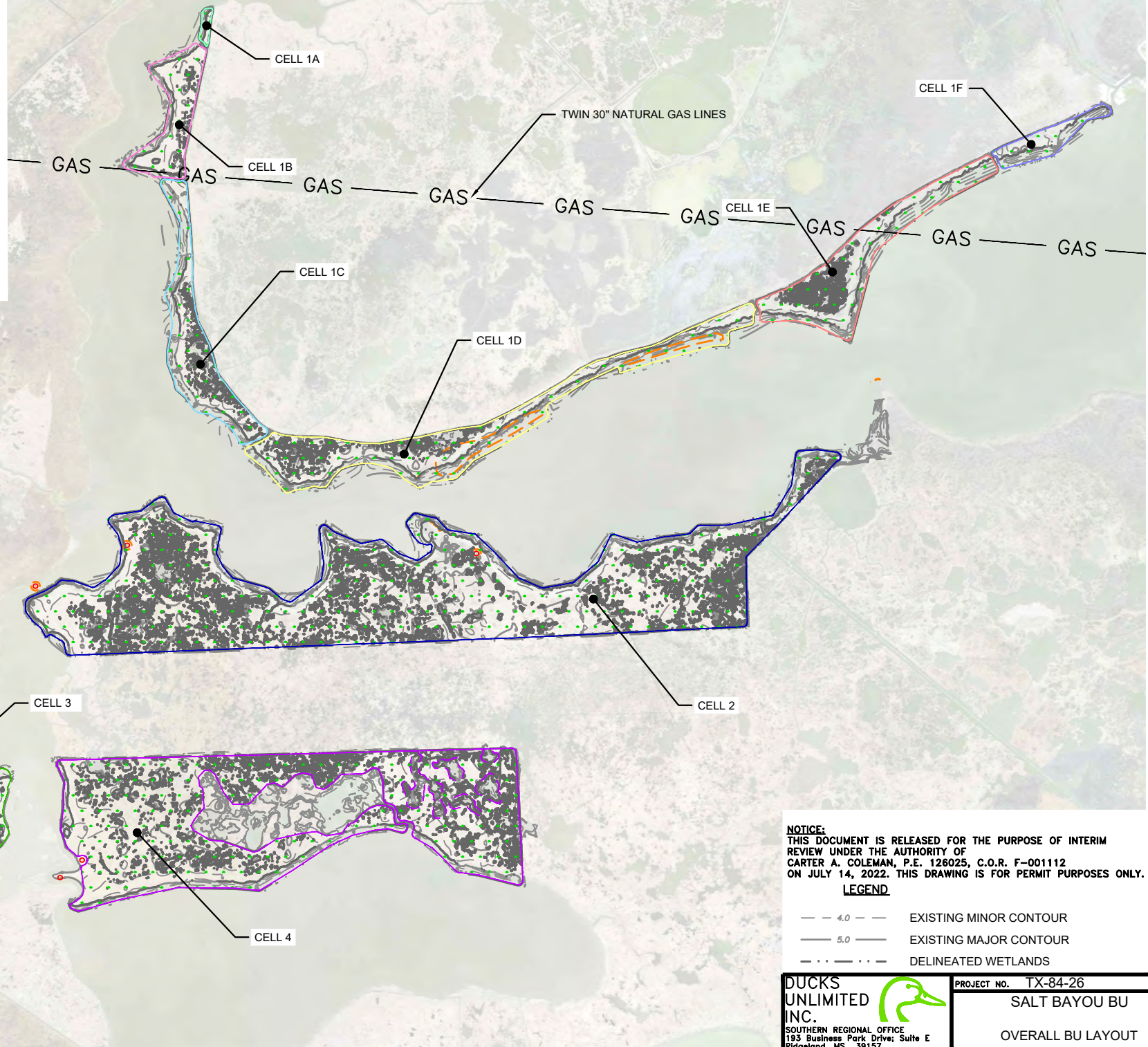
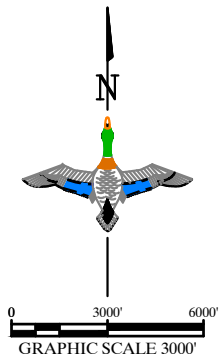
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LEGEND

- 4.0 — EXISTING MINOR CONTOUR
- 5.0 — EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS
- - - - - ARCHAEOLOGICAL SITE

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PROJECT NO. TX-84-26
SALT BAYOU BU
OVERALL EXISTING
SHEET 2 OF 15



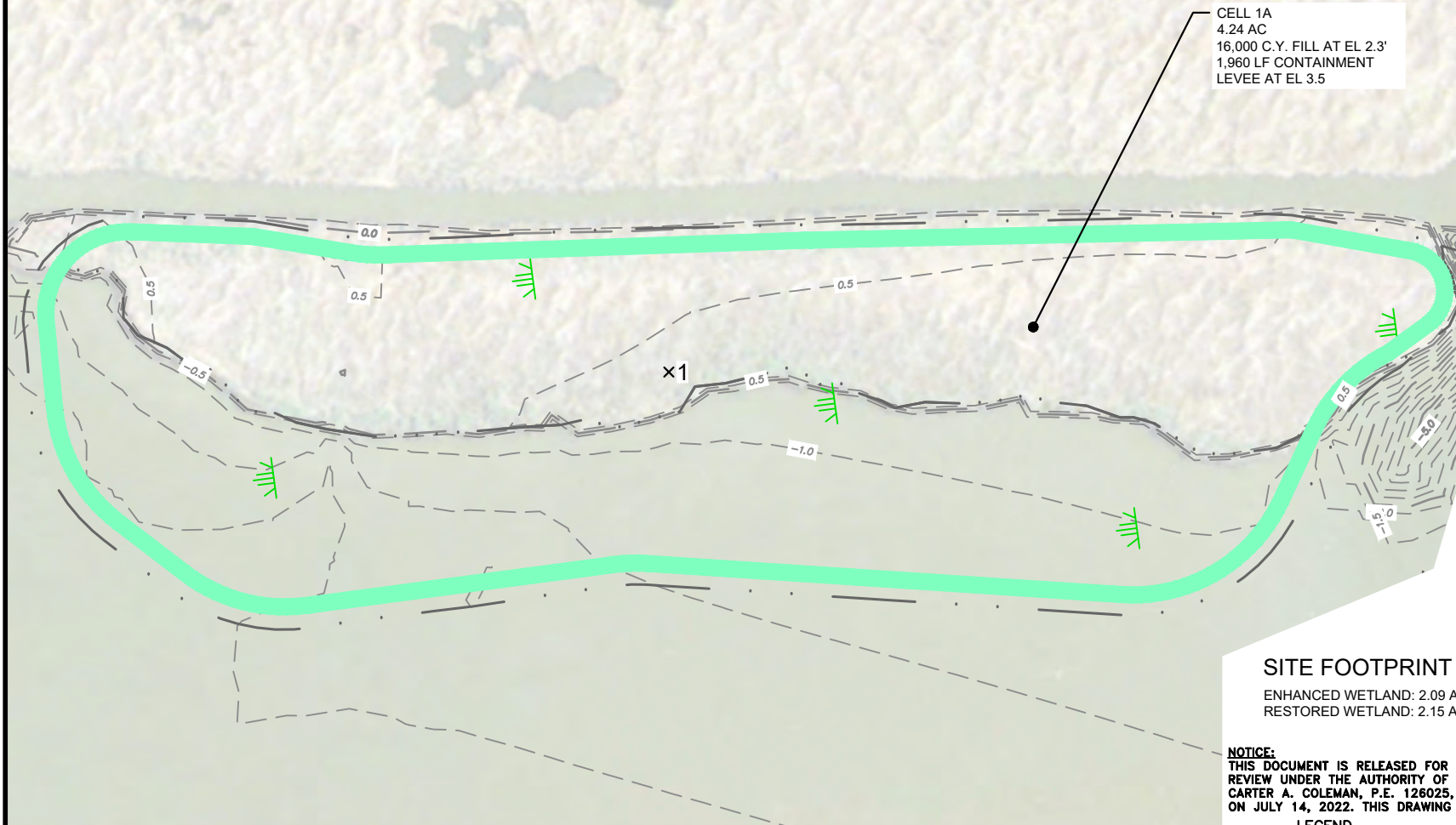
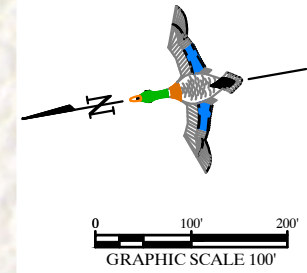
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- - - - - DELINEATED WETLANDS

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SALT BAYOU BU
OVERALL BU LAYOUT
SHEET 3 OF 15



SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 2.09 AC
RESTORED WETLAND: 2.15 AC

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- 4.0 — EXISTING MINOR CONTOUR
- 5.0 — EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS

MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	16,000 C.Y.-P (FILL)	3.71 AC
CONTAINMENT LEVEE FILL	3,445 C.Y.-P (FILL)	0.88 AC
CONTAINMENT LEVEE BORROW	4,823 C.Y.-P (CUT)	1.17 AC

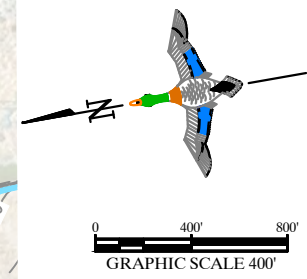
DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
1	13863779.2278'	3548844.9108'

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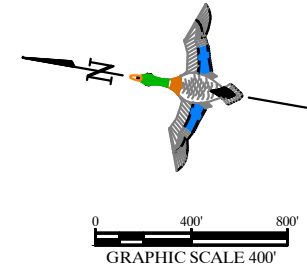
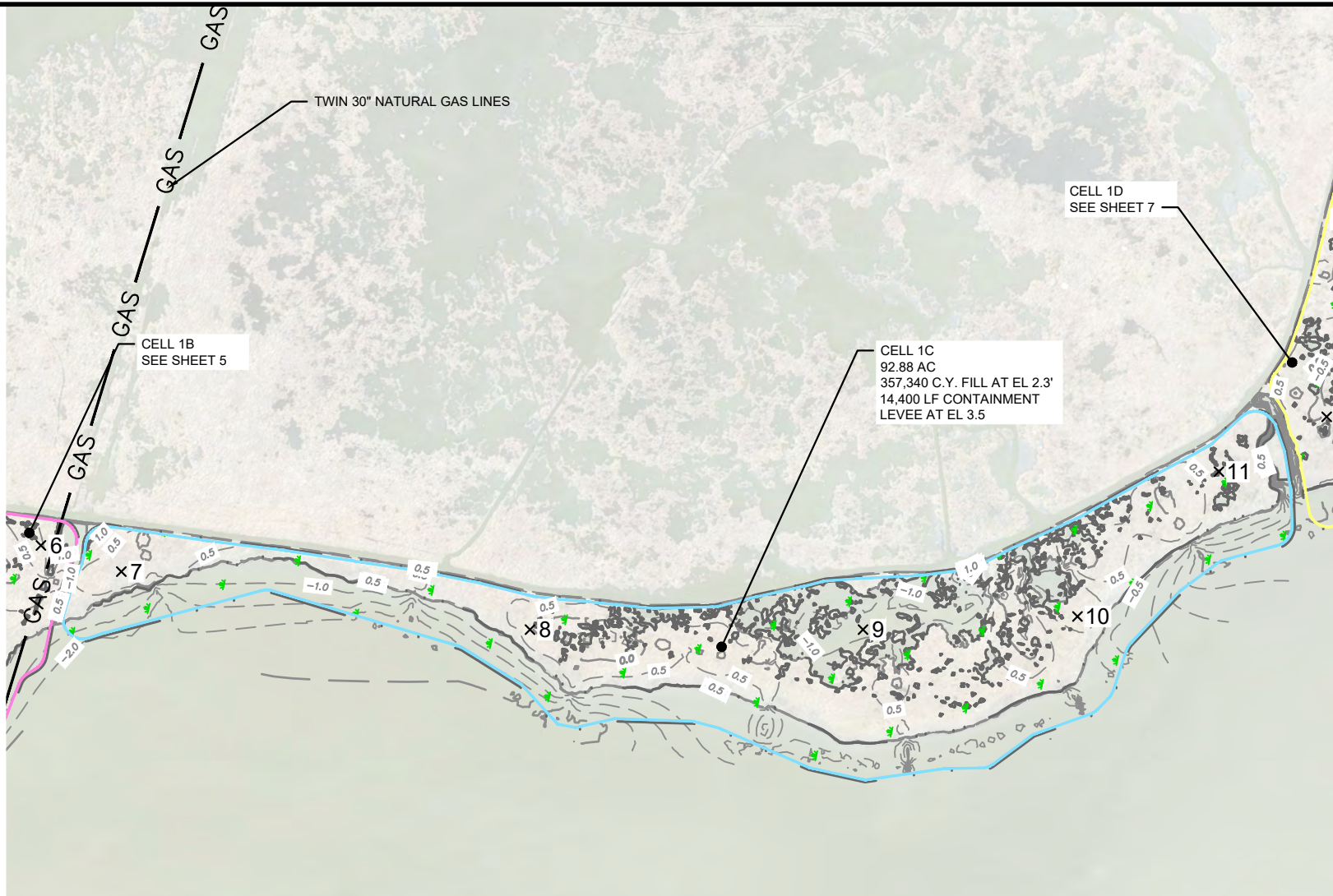
PROJECT NO. TX-84-26
SALT BAYOU BU

CELL 1A
SHEET 4 OF 15



CELL 1B
SHEET 5 OF 15

MATERIAL QUANTITIES TABLE		
MATERIAL	VOLUME	FOOTPRINT (AC)
DREDGE CELL FILL	213,590 C.Y.-P (FILL)	57.03 AC
CONTAINMENT LEVEE FILL	17,915 C.Y.-P (FILL)	4.19 AC
CONTAINMENT LEVEE BORROW	25,080 C.Y.-P (CUT)	5.85 AC



DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
7	13860046.1691'	3548177.9058'
8	13857960.5781'	3548337.0531'
9	13856312.6949'	3548700.5662'
10	13855266.0190'	3548999.7826'
11	13854724.6572'	3549870.7989'

MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	357,340 C.Y.-P (FILL)	89.24 AC
CONTAINMENT LEVEE FILL	24,625 C.Y.-P (FILL)	6.34 AC
CONTAINMENT LEVEE BORROW	34,475 C.Y.-P (CUT)	9.75 AC

SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 50.10 AC
RESTORED WETLAND: 42.78 AC

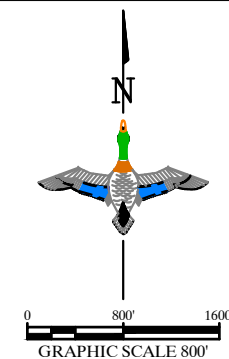
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- 4.0 — EXISTING MINOR CONTOUR
- 5.0 — EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS

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PROJECT NO. TX-84-26
SALT BAYOU BU
CELL 1C
SHEET 6 OF 15



CELL 1C
SEE SHEET 6

CELL 1D
180.24 AC
793,600 C.Y. FILL AT EL 2.3'
26,500 LF CONTAINMENT
LEVEE AT EL 3.5

MATCHLINE
(SHEET 1 OF 2)

CELL 2
SEE SHEET 11

SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 93.21 AC
RESTORED WETLAND: 86.79 AC
UPLAND: 0.24 AC

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- 5.0 --- EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS
- --- ARCHAEOLOGICAL SITE

DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
12	13854250.9900'	3550259.9559'
13	13854035.0742'	3551482.8393'
14	13854363.2625'	3554362.2708'

MATERIAL QUANTITIES TABLE

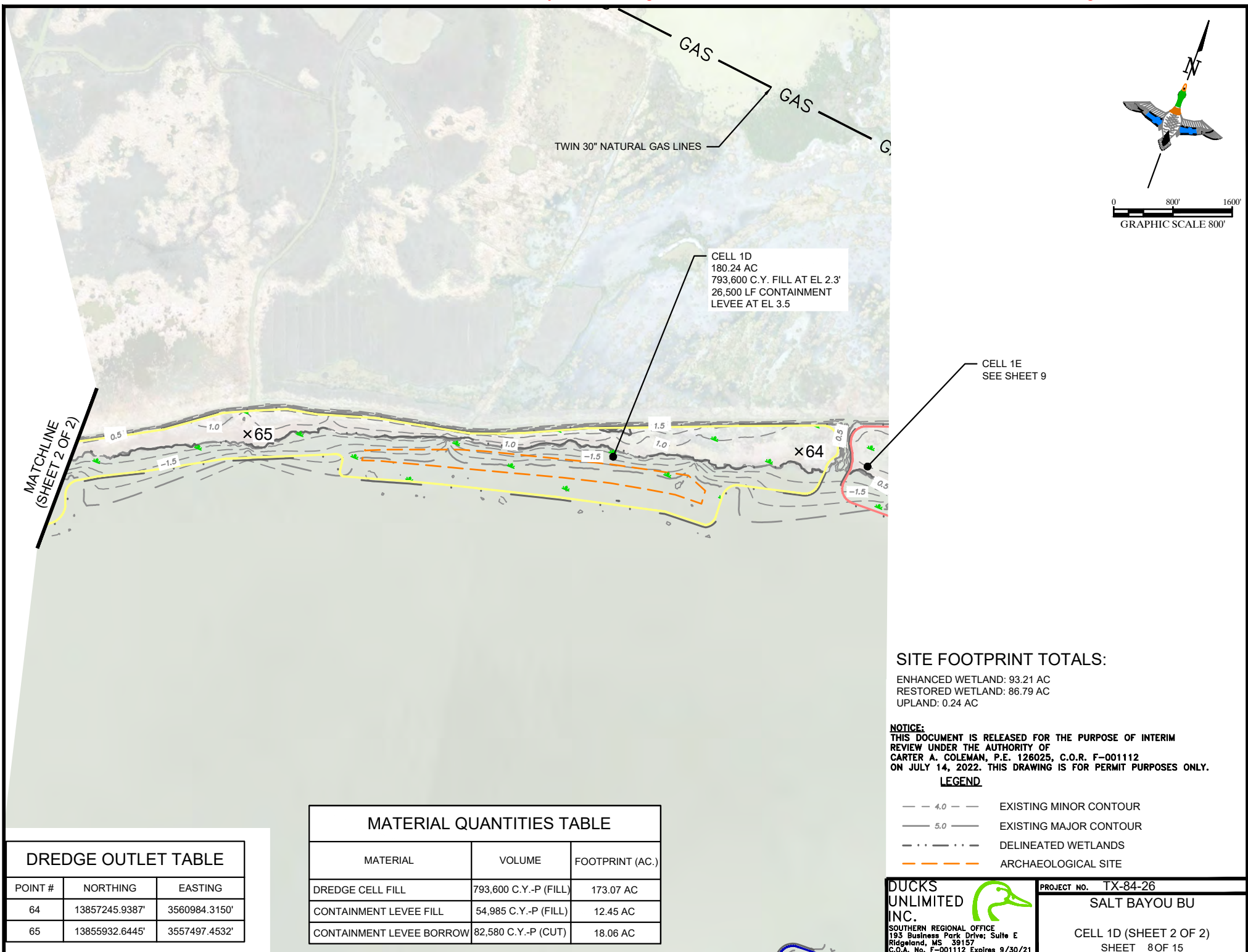
MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	793,600 C.Y.-P (FILL)	173.07 AC
CONTAINMENT LEVEE FILL	54,985 C.Y.-P (FILL)	12.45 AC
CONTAINMENT LEVEE BORROW	82,580 C.Y.-P (CUT)	18.06 AC

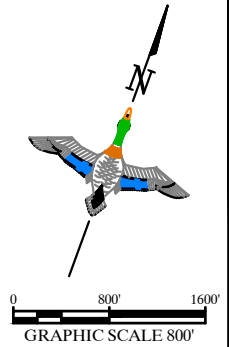
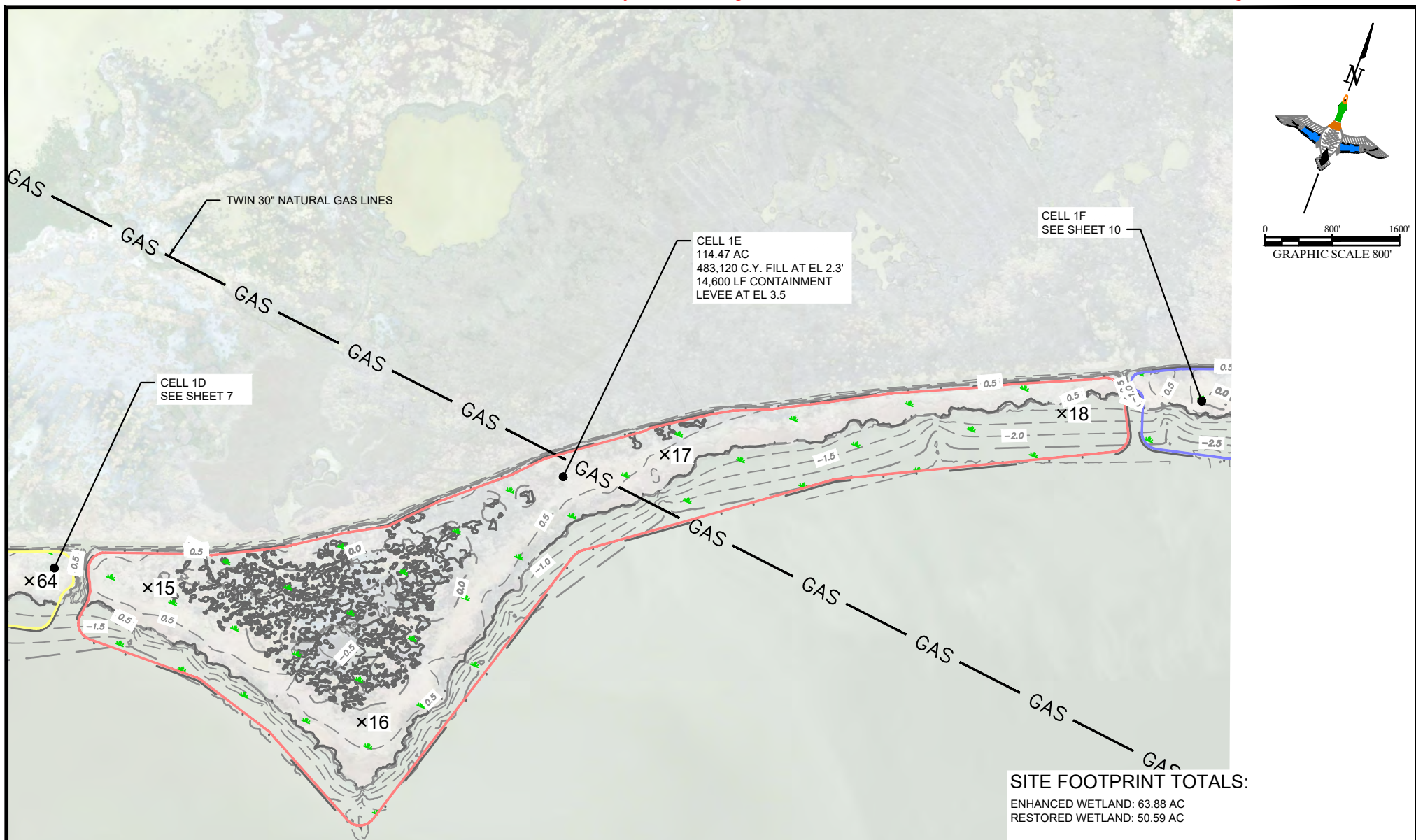
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PROJECT NO. TX-84-26

SALT BAYOU BU

CELL 1D (SHEET 1 OF 2)
SHEET 7 OF 15





SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 63.88 AC
RESTORED WETLAND: 50.59 AC

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- 4.0 — EXISTING MINOR CONTOUR
- 5.0 — EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS

DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
15	13857478.3122'	3561651.2002'
16	13857226.3844'	3563135.0941'
17	13859387.2142'	3564193.7279'
18	13860516.6517'	3566286.3118'

MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	483,120 C.Y.-P (FILL)	110.36 AC
CONTAINMENT LEVEE FILL	33,275 C.Y.-P (FILL)	7.25 AC
CONTAINMENT LEVEE BORROW	46,585 C.Y.-P (CUT)	9.90 AC

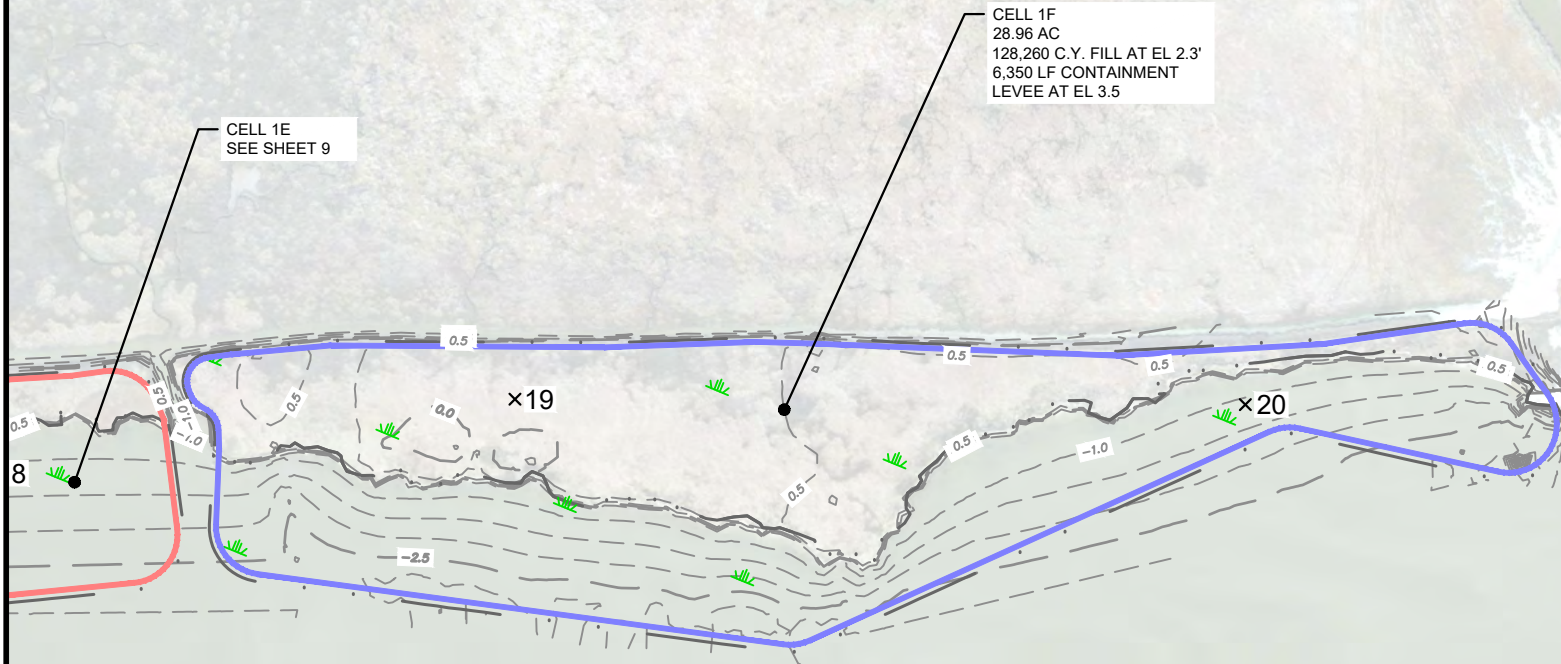
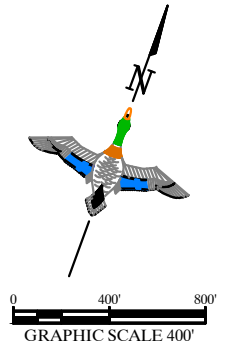
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SALT BAYOU BU

CELL 1E

SHEET 9 OF 15



CELL 1F
28.96 AC
128,260 C.Y. FILL AT EL 2.3'
6,350 LF CONTAINMENT
LEVEE AT EL 3.5

CELL 1E
SEE SHEET 9

SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 13.78 AC
RESTORED WETLAND: 15.18 AC

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- 5.0 — EXISTING MAJOR CONTOUR
- - - - - DELINEATED WETLANDS

DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
19	13861078.7173'	3567242.9622'
20	13861649.3744'	3568653.2976'

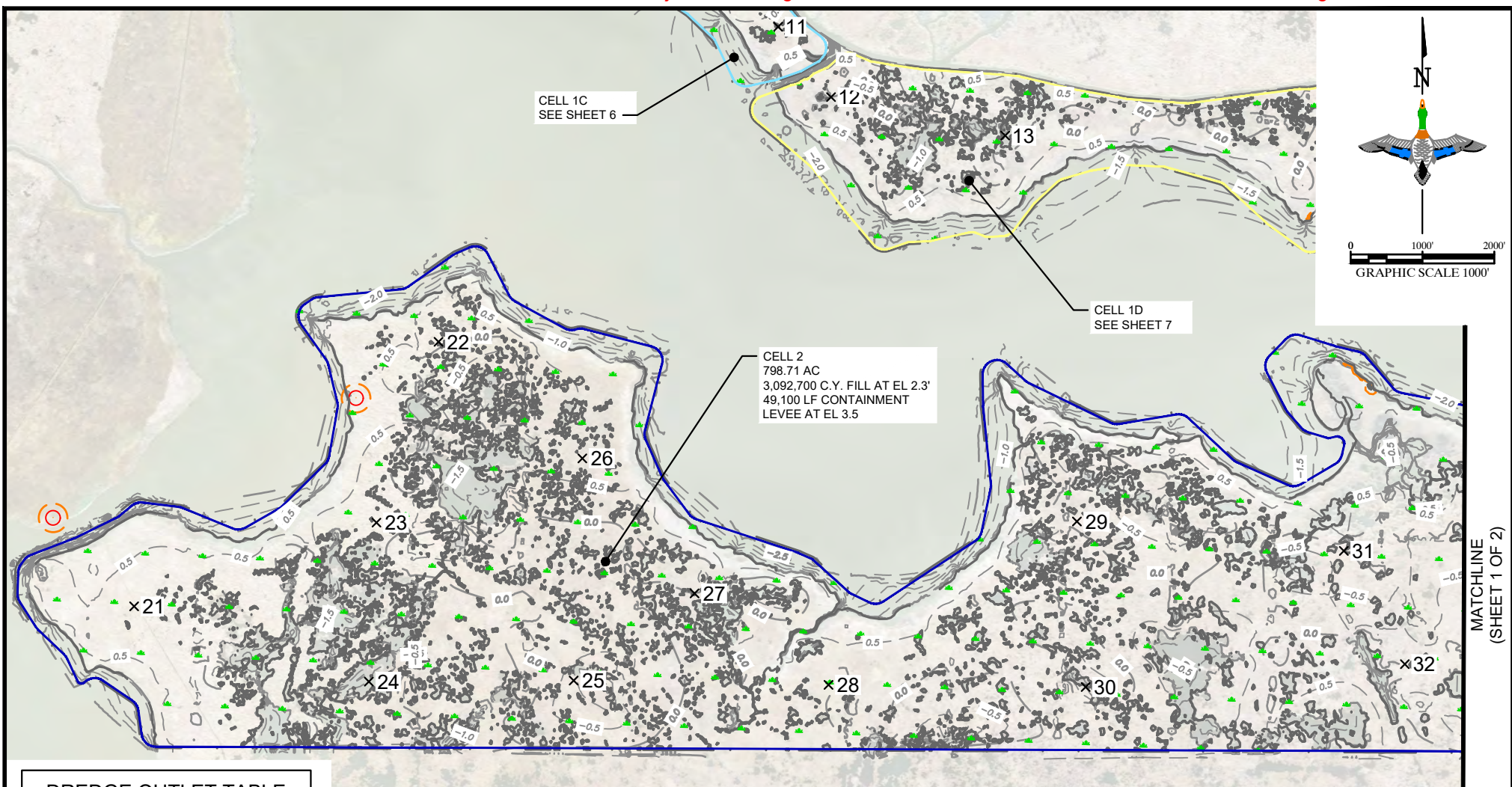
MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	128,260 C.Y.-P (FILL)	27.18 AC
CONTAINMENT LEVEE FILL	14,070 C.Y.-P (FILL)	3.09 AC
CONTAINMENT LEVEE BORROW	19,700 C.Y.-P (CUT)	4.21 AC

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SALT BAYOU BU

CELL 1F
SHEET 10 OF 15



DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
21	13850501.5315'	3545564.1660'
22	13852432.0178'	3547602.7344'
23	13851156.2656'	3547224.6056'
24	13850048.1896'	3547218.8400'
25	13850116.6565'	3548642.9498'
26	13851664.3508'	3548637.5119'
27	13850758.5324'	3549458.0693'
28	13850162.1531'	3550417.2090'
29	13851372.1060'	3552096.1459'
30	13850223.4449'	3552205.9757'
31	13851246.9627'	3553961.1980'
32	13850477.4017'	3554419.1701'

MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	3,092,700 C.Y.-P (FILL)	784.60 AC
CONTAINMENT LEVEE FILL	116,250 C.Y.-P (FILL)	25.02 AC
CONTAINMENT LEVEE BORROW	162,750 C.Y.-P (CUT)	33.61 AC

SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 611.26 AC
 RESTORED WETLAND: 187.44 AC
 UPLAND: 0.01 AC

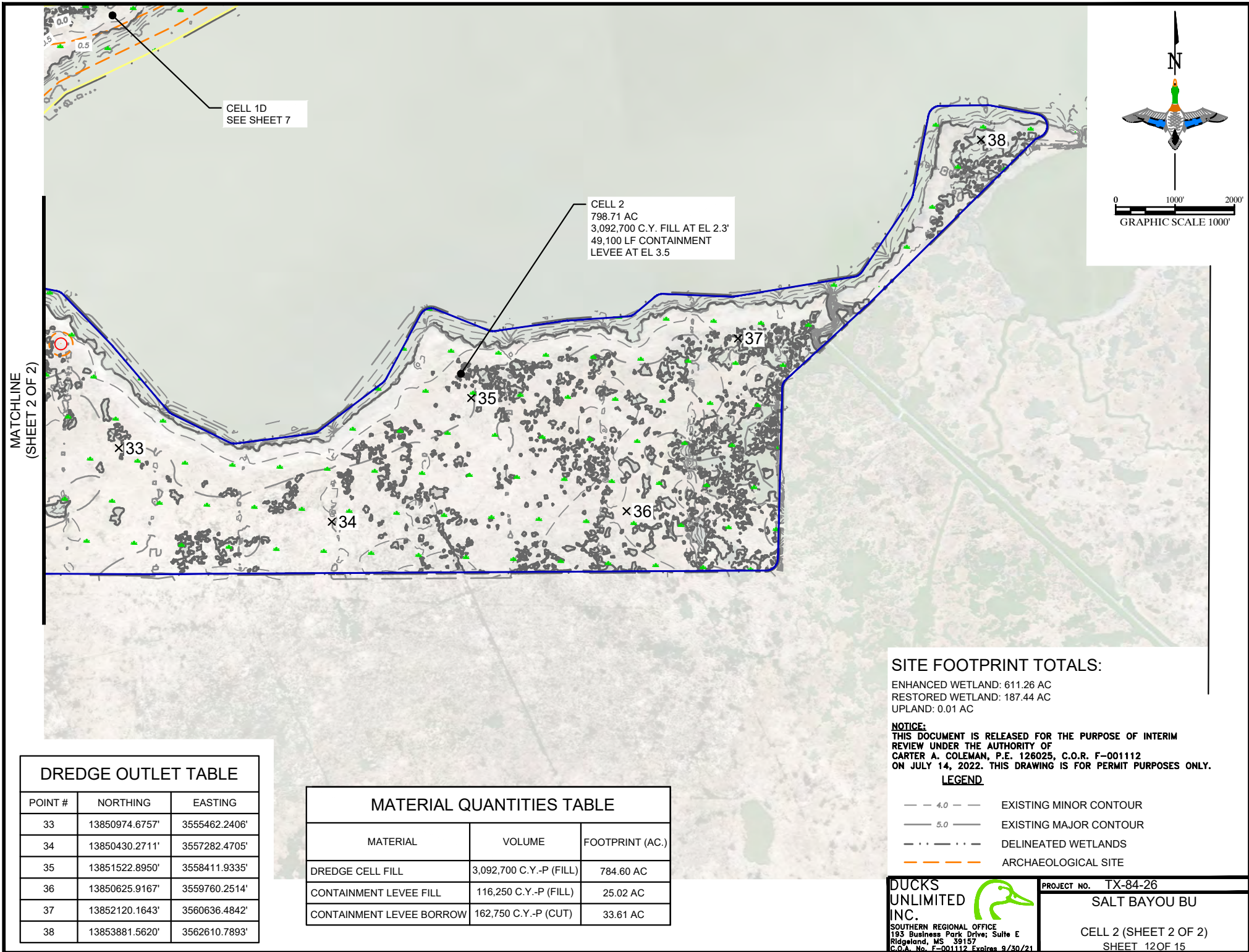
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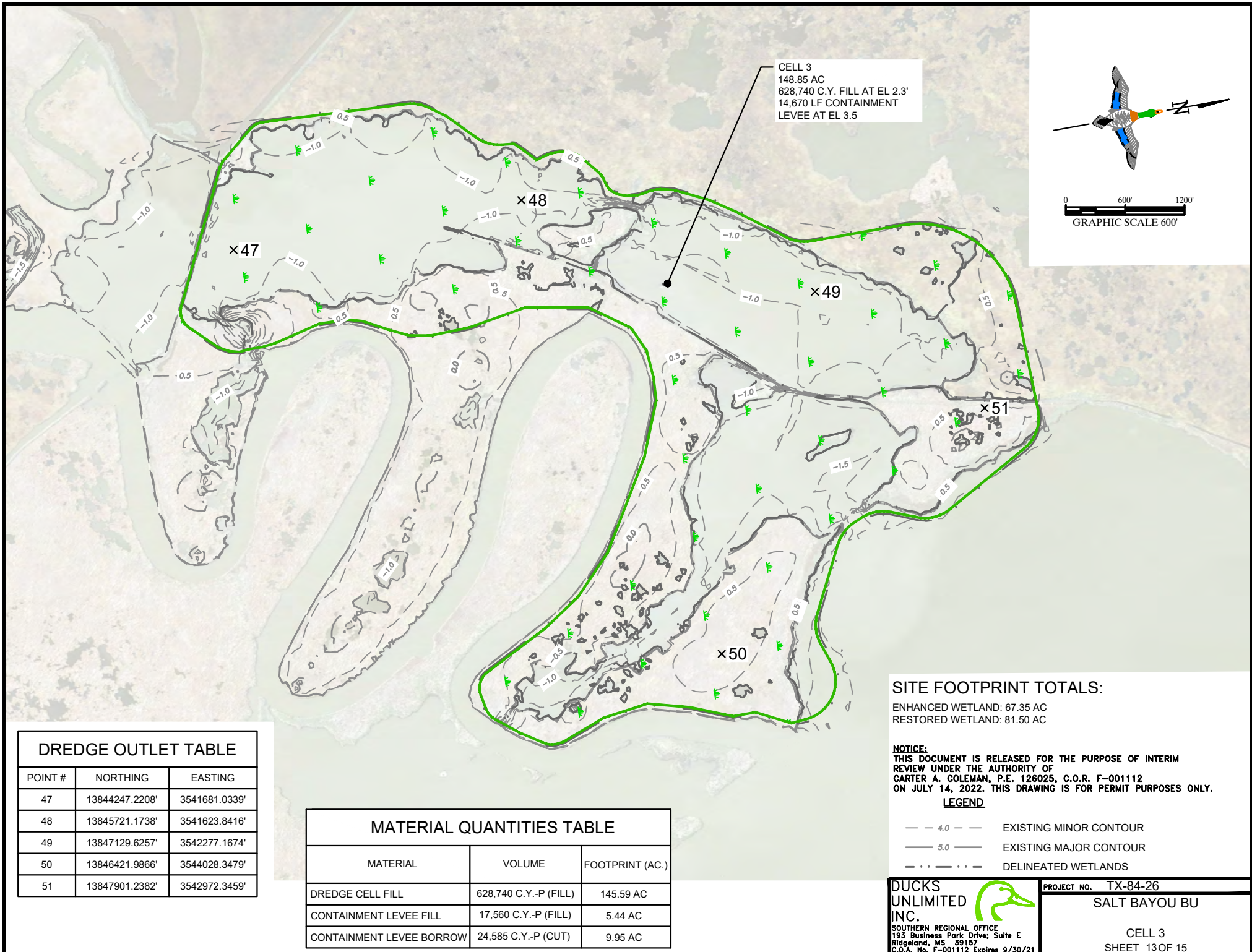
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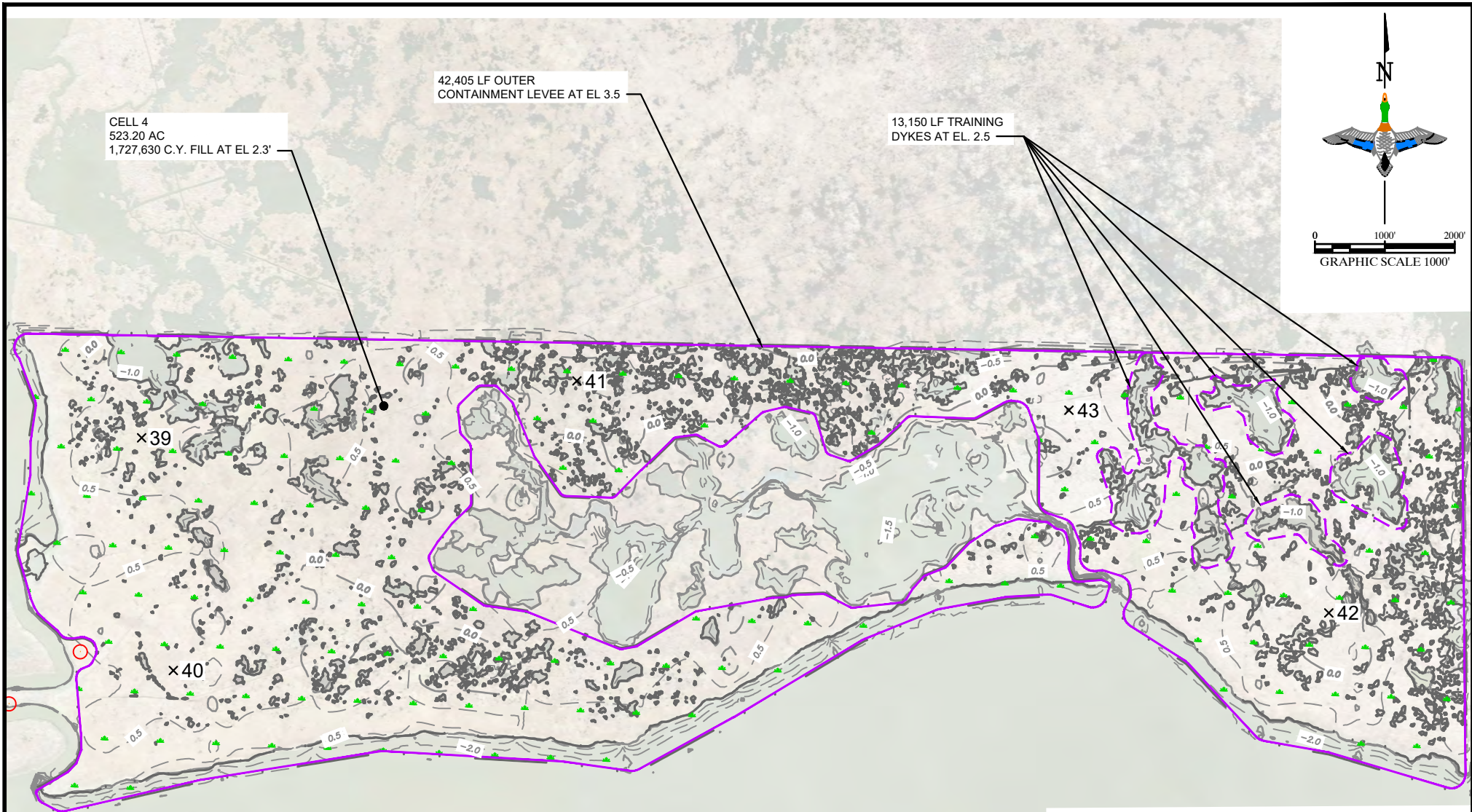
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PROJECT NO. TX-84-26
 SALT BAYOU BU
 CELL 2 (SHEET 1 OF 2)
 SHEET 11 OF 15







DREDGE OUTLET TABLE

POINT #	NORTHING	EASTING
39	13846455.1714'	3546398.8632'
40	13844798.4345'	3546697.1131'
41	13846996.2432'	3549498.4299'
42	13845564.1950'	3554953.4268'
43	13846936.6928'	3553030.3826'

MATERIAL QUANTITIES TABLE

MATERIAL	VOLUME	FOOTPRINT (AC.)
DREDGE CELL FILL	1,727,630 C.Y.-P (FILL)	485.07 AC
CONTAINMENT LEVEE FILL	70,770 C.Y.-P (FILL)	18.15 AC
CONTAINMENT LEVEE BORROW	24,585 C.Y.-P (CUT)	29.01 AC
TRAINING DYKE FILL	6,250 C.Y.-P (FILL)	3.10 AC
TRAINING DYKE BORROW	8,750 C.Y.-P (CUT)	8.27 AC

SITE FOOTPRINT TOTALS:

ENHANCED WETLAND: 406.08 AC
RESTORED WETLAND: 117.12 AC

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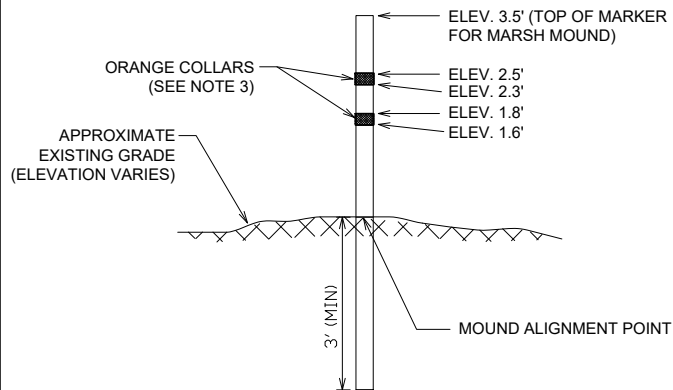
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PROJECT NO. TX-84-26
SALT BAYOU BU

CELL 4
SHEET 14 OF 15

GRADE CONTROL MARKER



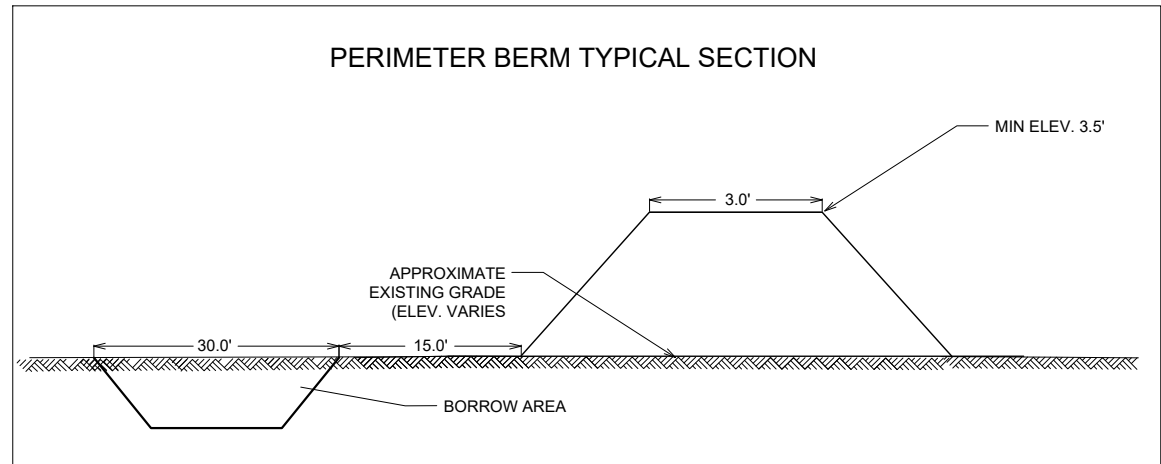
TYPICAL DETAIL - GRADE CONTROL MARKER

NOT TO SCALE

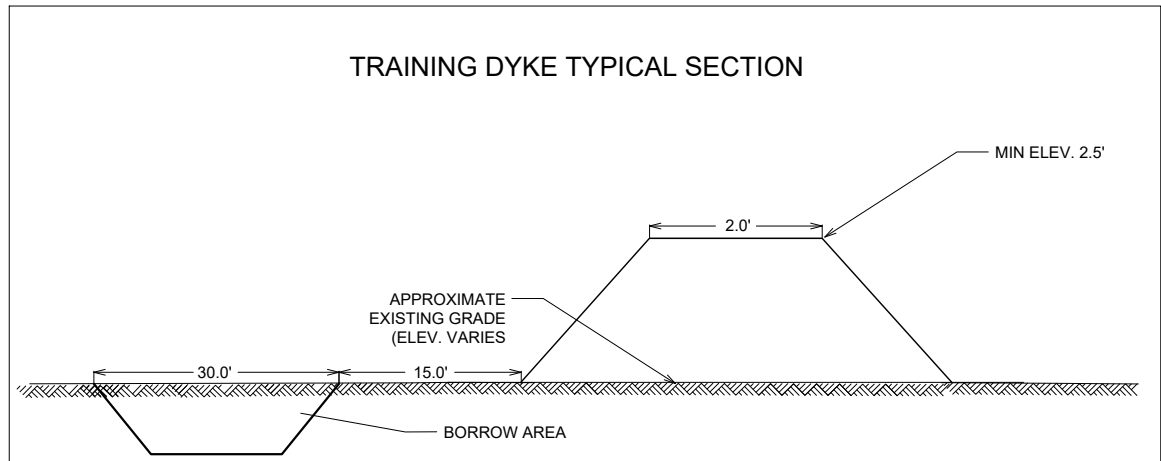
NOTES:

1. COLLARS ON GRADE MARKERS SHALL HAVE A MINIMUM THICKNESS OF $\frac{1}{4}$ "
2. COLLARS SHALL NOT BE FLUSH WITH PVC PIPE
3. PAINTED RINGS AND/OR TAPE SHALL NOT BE SUBSTITUTED FOR COLLARS
4. CONTROL MARKERS SHALL BE MONITORED A MINIMUM OF ONCE EVERY FOUR (4) HOURS TO ENSURE DREDGED MATERIAL DOES NOT EXCEED ELEVATION OF +2.5' NAVD88

PERIMETER BERM TYPICAL SECTION



TRAINING DYKE TYPICAL SECTION



NOTES:

THE CONTRACTOR SHALL CONSTRUCT THE SIDE SLOPES TO ANGLE OF REPOSE

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PROJECT NO. TX-84-26
SALT BAYOU BU

DETAILS
SHEET 15 OF 15