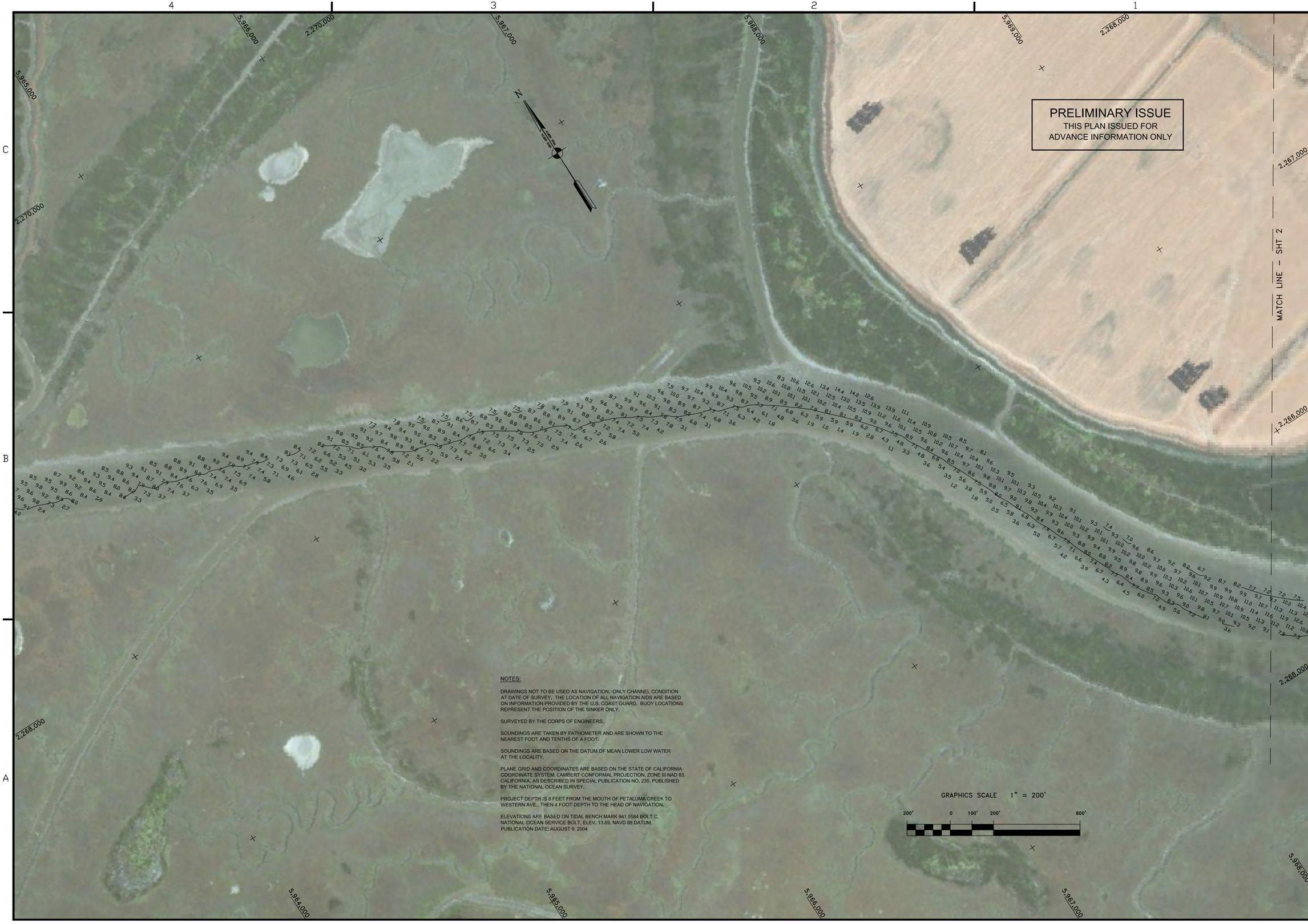

NOTES:

DRAWINGS NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA; AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH IS 8 FEET FROM THE MOUTH OF PETALUMA CREEK TO WESTERN AVE., THEN 4 FOOT DEPTH TO THE HEAD OF NAVIGATION.

ELEVATIONS ARE BASED ON TIDAL BENCH MARK 941 5584 BOLT C. NATIONAL OCEAN SERVICE BOLT, ELEV. 13.69, NAVD 88 DATUM. PUBLICATION DATE: AUGUST 9, 2004

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

SUBMITTED: PDT	DESIGNED BY: PDT	DRAWN BY: PDT	CHECKED BY: PDT
Hydro. Survey Team Leader	DATE:	SHEET NO.	DRAWING NO.
APPROVAL RECOMMENDED:	3/10/2018	1 OF 9	
Chief, Hydro. Survey Section	PREPARED UNDER THE DIRECTION OF TRAVIS J. RAYFIELD LT. COLONEL, C.E., DISTRICT ENGINEER		
APPROVED:			
Chief, Construction Branch			

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C1

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: | DRAWN BY:
DATE: 3/10/2018 | SHEET NO. 2 OF 9 | DRAWING NO.

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:
Hydro. Survey Team Leader
APPROVAL RECOMMENDED:
Chief, Technical Support Section
APPROVED:
Chief, Construction Branch

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19–26 MARCH 2018

Sheet reference number
C2

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCH LINE - SHT 2

MATCH LINE - SHT 4

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: | DRAWN BY:

SUBMITTED:
Hydr. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

DATE: 3/10/2018

SHEET NO. 3 OF 9

DRAWING NO.

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C3

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCH LINE – SHT 3

MATCH LINE – SHT 5

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: | DRAWN BY:
DATE: 3/10/2018 | SHEET NO. 4 OF 9 | DRAWING NO.

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C4

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCH LINE – SHT 4

MATCH LINE – SHT 6

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

SUBMITTED:	DESIGNED BY:	CHECKED BY:	DRAWN BY:
Hydro. Survey Team Leader	DATE:	SHEET NO.	DRAWING NO.
APPROVAL RECOMMENDED:	3/10/2018	5 OF 9	
Chief, Technical Support Section	PREPARED UNDER THE DIRECTION OF TRAVIS J. RAYFIELD		
APPROVED:	LT. COLONEL, C.E., DISTRICT ENGINEER		
Chief, Construction Branch			

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C5

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCH LINE – SHT 5

MATCH LINE – SHT 7

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

SUBMITTED:
Helm Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DATE: 3/10/2018
SHEET NO. 6 OF 9
DRAWING NO.

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C6

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

MATCH LINE – SHT 6

MATCH LINE – SHT 8

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY:	DRAWN BY:
CHECKED BY:	DRAWING NO.
SHEET NO.	7 OF 9
DATE:	3/10/2018

SUBMITTED:
Hydro. Survey Team Leader
APPROVAL RECOMMENDED:
Chief, Technical Support Section
APPROVED:
Chief, Construction Branch

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C7

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCH LINE – SHT 9

MATCH LINE – SHT 7

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

US Army Corps of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: | DRAWN BY:

SUBMITTED:

Hydr. Survey Team Leader
APPROVAL RECOMMENDED:

DATE: 3/10/2018 | SHEET NO. 8 OF 9 | DRAWING NO.

Chief, Technical Support Section
APPROVED:

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

Chief, Construction Branch

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C8

4 3 2 1

C B A

5,987,000 2,236,000 5,988,000 2,235,000 5,989,000 2,234,000 5,990,000 2,233,000 5,991,000 2,232,000 5,992,000 2,231,000 5,993,000 2,230,000

PRELIMINARY ISSUE
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N

MATCH LINE - SHT 8

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 600'

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San Francisco District
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San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY:		DRAWN BY:	
CHECKED BY:		DRAWING NO.	
DATE:	3/10/2018	SHEET NO.	9 OF 9

SUBMITTED:
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

PREPARED UNDER THE DIRECTION OF
TRAVIS J. RAYFIELD
LT. COLONEL, C.E., DISTRICT ENGINEER

SONOMA COUNTY CALIFORNIA

PETALUMA RIVER
EXTENDED AREA
CONDITION SURVEY
19-26 MARCH 2018

Sheet reference number
C9