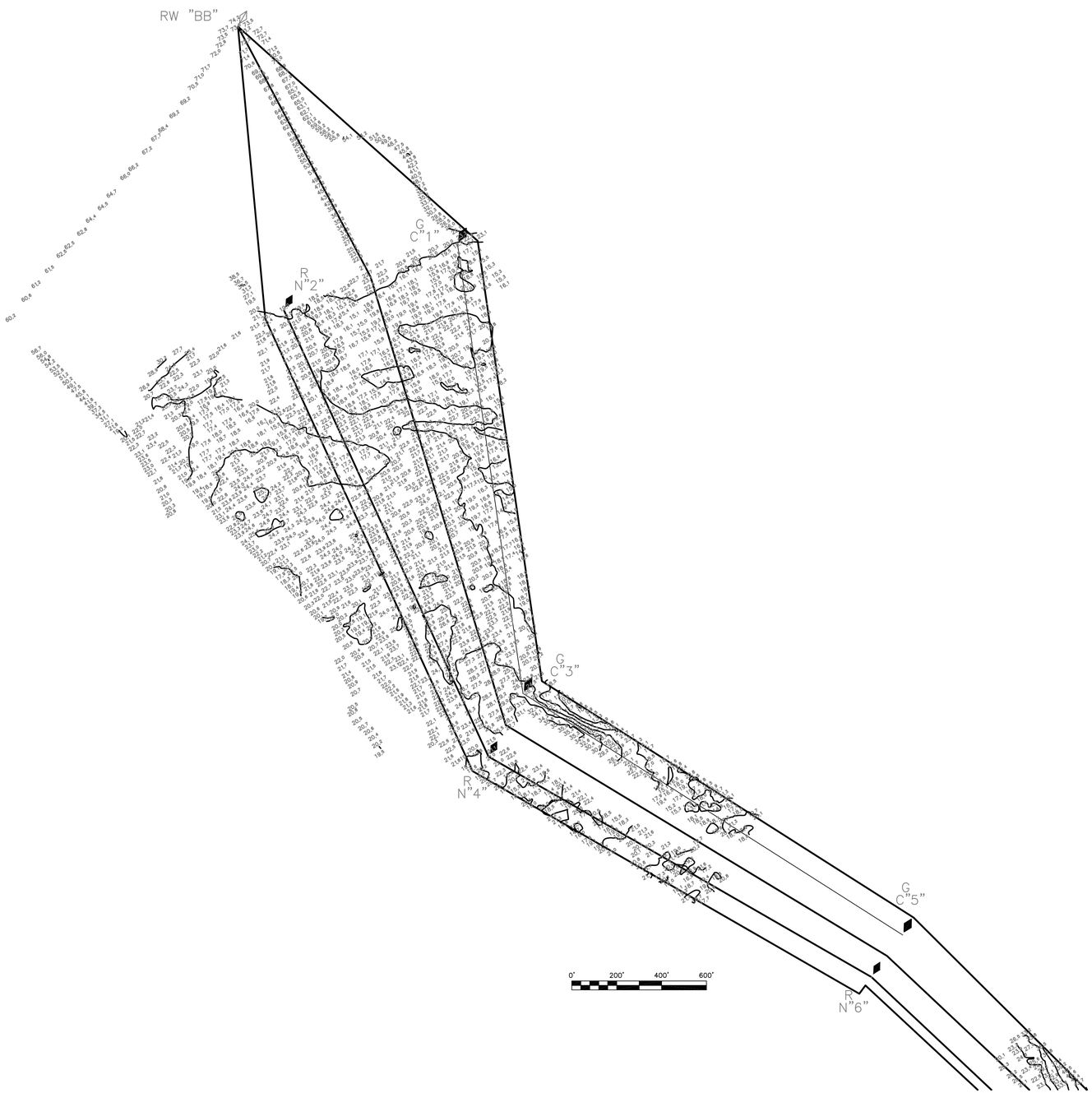

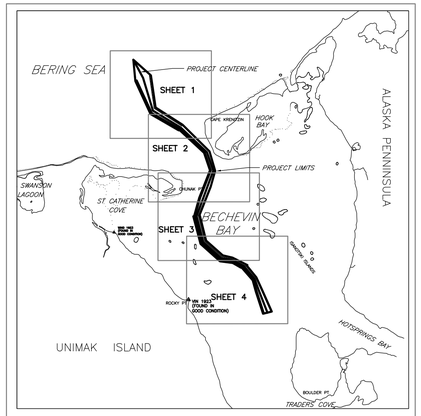

METRIC CONVERSION	
FEET	METERS
2.2	.6705
3.7	1.127
9.1	2.773
22	6.705
25	7.62
350	106.68

NOTE: THIS LOCALITY IS SHOWN ON NOAA CHART No. 16535

NAVIGATION
BECHEVIN BAY
ALASKA
CREATED 2002

SCALE IN FEET
100 50 100 200 300 400 500

SCALE IN METERS
25 0 25 50 75 100 125 150

NOTES

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2. VERITICAL CONTROL IS IN FEET REFFERING TO MEAN LOWER LOW WATER (MLLW= 0.0') , HOLDING TIDAL BENCH MARK "WIND 1923" AS 40.91'
3. SOUNDINGS ARE IN FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
4. TRIMBLE 4000 RECIEVERS AND PACIFIC CREST RADIOS WERE USED FOR GENERATING RTK HEIGHTS TO CORRECT THE SOUNDINGS FOR WATER LEVEL CHANGES. THE BASE WAS SET UP AT "VIN 1923" AND THE ROVER ON THE SURVEY VESSEL.
5. AN ELEVATION FOR "VIN 1923" WAS ARRIVED AT USING MANUAL TIDE OBSERVATIONS THROUGH A LOW TIDE ON JULY 10, 2002 AT APPROXIMATELY 1300–1500. THE OBSERVATIONS WERE SHIFTED SO THE OBSERVED HEIGHT OF LOW WATER MATCHED THE PREDICTED LOW WATER HEIGHT AT ST. CATHERINES COVE.
6. SOUNDINGS WERE COLLECTED BETWEEN JULY 11 AND JULY 18, 2002 USING AN ODOM ECHOTRAC ECHOSOUNDER. A TRIMBLE DSM212 USING DIFFERENTIAL CORRECTIONS FROM COLD BAY, AK WAS USED FOR HORIZONTAL POSITIONING. THE DATA WAS INTEGRATED USING COASTAL OCEANOGRAPHICS HYPACK MAX SOFTWARE.
7. THIS SURVEY WAS PERFORMED UNDER THE DIRECTION OF THE USCG AND WAS USED TO DETERMINE THE LOCATION AND EXTENT OF SHOALS IN THE MARKED CHANNEL AT BECHEVIN BAY. IT IS INDICATIVE OF GENERAL CONDITIONS AT THE TIME OF SURVEY

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
VIN 1923	6,092,679.323	599,694.375	38.61'	3.25" BC IN 1'x1' STONE
WIND 1923	6,096,786.573	595,141.591	40.91'	USCGS SBC IN 4"x6" CONC. BLK.

NAVIGATION AIDS

DESCRIPTION	USCG NO.	NORTHING	EASTING
ENTRANCE BUOY BB	27250	6,107,331.29	596,322.52
BUOY 1 (grn)	27255	6,106,363.04	597,301.05
BOUY 2 (red)	27260	6,106,067.91	596,527.17
BUOY 3 (grn)	27265	6,104,359.47	597,593.17
BUOY 4 (red)	27270	6,104,077.82	597,439.64
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BUOY 6 (red)	27280	6,103,095.00	599,147.05
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BUOY 10 (red)	27295	6,100,571.08	601,049.87
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BUOY 14 (red)	27310	6,098,886.49	600,395.19
BUOY 15 (grn)	27315	6,097,801.96	600,295.17
BUOY 16 (red)	27320	6,097,766.27	600,082.76
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BUOY 19A (grn)	27352	6,095,158.14	602,345.73
BUOY 20 (red)	27350	6,095,111.44	601,653.40
BUOY 20A (red)	27353	6,095,005.23	602,420.34
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BUOY 26 (red)	27380	6,093,182.79	603,849.45
BUOY 27 (grn)	27385	6,091,935.50	604,732.42
BUOY 28 (red)	27390	6,091,832.41	604,290.01

CONTRACT NO. DACW85-01-D-0001
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

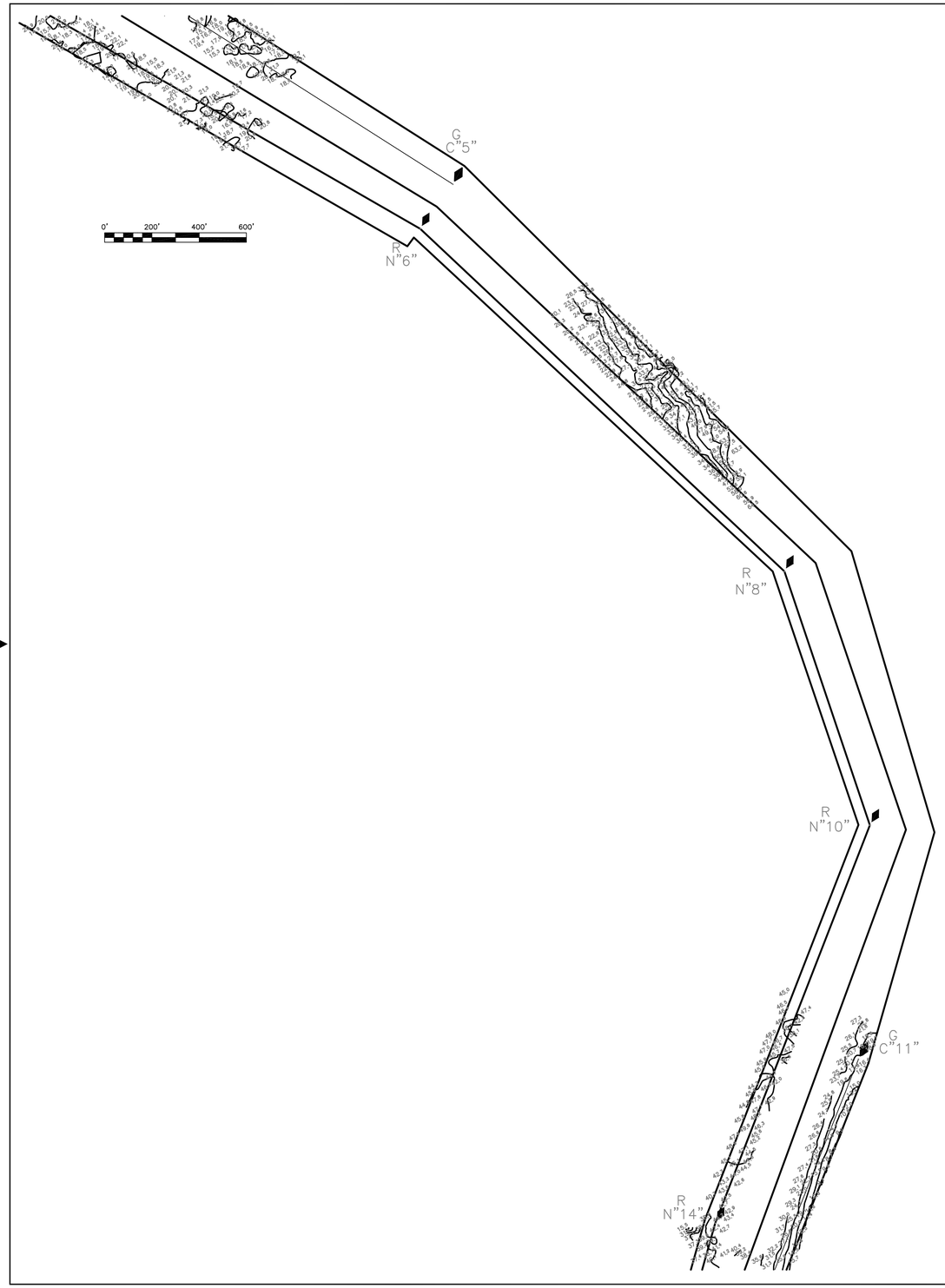
ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

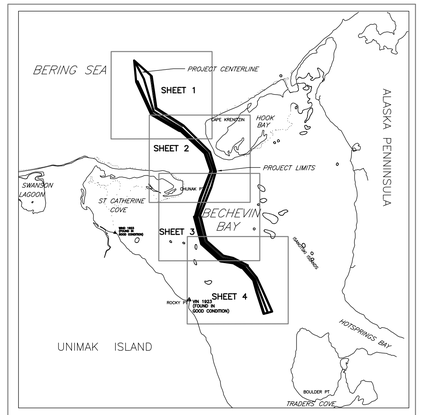
SURVEYED: CK/SB
DRAWN: LES
CHECKED: KDW
SUBMITTED:

FALSE PASS, ALASKA
BECHEVIN BAY
JULY 11–17, 2002

RECOMMENDED: APPROVED: DATE:
PROJECT MANAGER CHIEF OPERATIONS–READINESS BRANCH

SURVEY NO.
SCALE: 1" = 200'
SHEET 1 OF 4





METRIC CONVERSION	
FEET	METERS
2.2	.6705
3.7	1.127
9.1	2.773
15	4.572
25	7.62
350	106.68

NOTE: THIS LOCALITY IS SHOWN ON NOAA CHART No. 16535

NAVIGATION
BECHEVIN BAY
ALASKA
CREATED 2002

SCALE IN FEET
1000 0 500 1000 1500 2000 2500

SCALE IN METERS
300 0 150 300 450 600 750

NOTES

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CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
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NAVIGATION AIDS

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BUOY 28 (red)	27390	6,091,832.41	604,290.01

CONTRACT NO. DACW85–01–D–0001
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

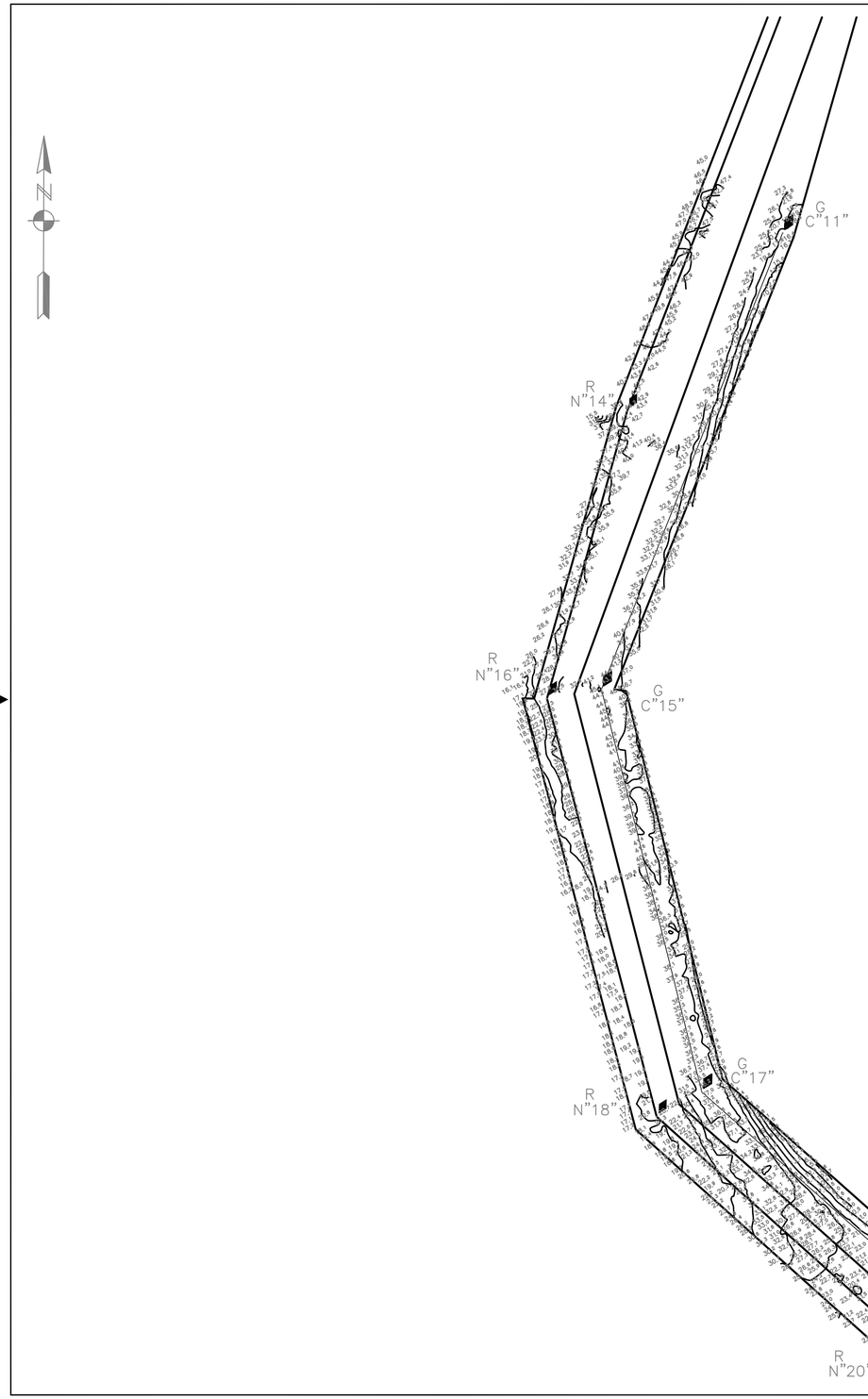
ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

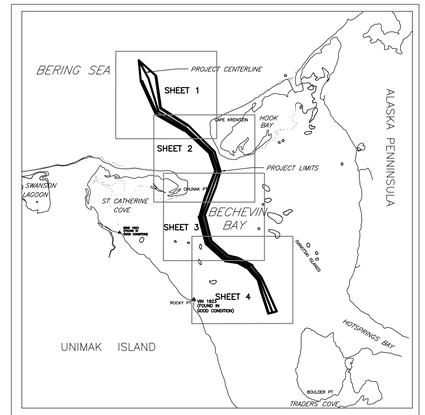
SURVEYED: CK/SB
DRAWN: LES
CHECKED: KDW
SUBMITTED:

FALSE PASS, ALASKA
BECHEVIN BAY
JULY 11–17, 2002

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS–READINESS BRANCH
DATE:

SURVEY NO.
SCALE: 1" = 200'
SHEET 2 OF 4





METRIC CONVERSION	
FEET	METERS
2.3	.6705
3.3	1.121
9.1	2.773
23	6.705
25	7.62
350	106.68

NOTE: THIS LOCALITY IS SHOWN ON NOAA CHART No. 16535

NAVIGATION
BECHEVIN BAY
ALASKA
CREATED 2002

SCALE IN FEET
0 200 400 600 800 1000
SCALE IN METERS
0 100 200

NOTES

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☆ NAVIGATION AIDS ☆

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CITY PALMER STATE AK

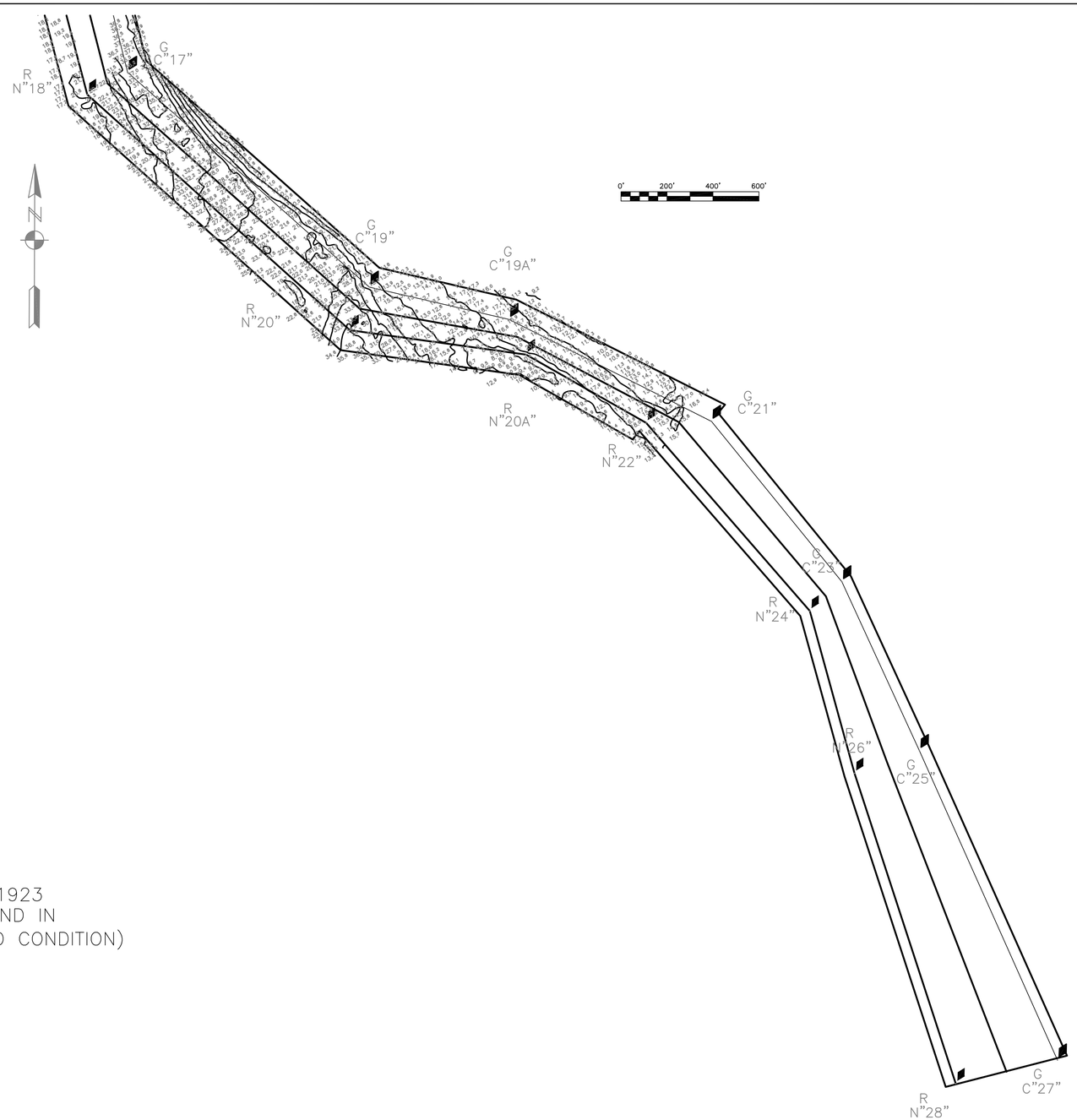
ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

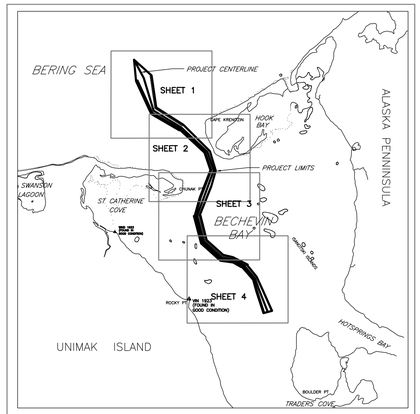
SURVEYED: CK/SB
DRAWN: LES
CHECKED: KDW
SUBMITTED:

FALSE PASS, ALASKA
BECHEVIN BAY
JULY 11–17, 2002

RECOMMENDED: APPROVED: DATE:
PROJECT MANAGER CHIEF OPERATIONS–READINESS BRANCH

SURVEY NO.
SCALE: 1" = 200'
SHEET 3 OF 4





METRIC CONVERSION	
FEET	METERS
3.2	.9755
3.7	1.127
9.1	2.773
22	6.705
25	7.62
350	106.68

NOTE: THIS LOCALITY IS SHOWN ON NOAA CHART No. 16535

NAVIGATION
BECHEVIN BAY
ALASKA
CREATED 2002

SCALE IN FEET: 100 0 100 200 300 400 500

SCALE IN METERS: 100 0 100 200

NOTES

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SURVEY NO.
SCALE: 1" = 200'
SHEET 4 OF 4