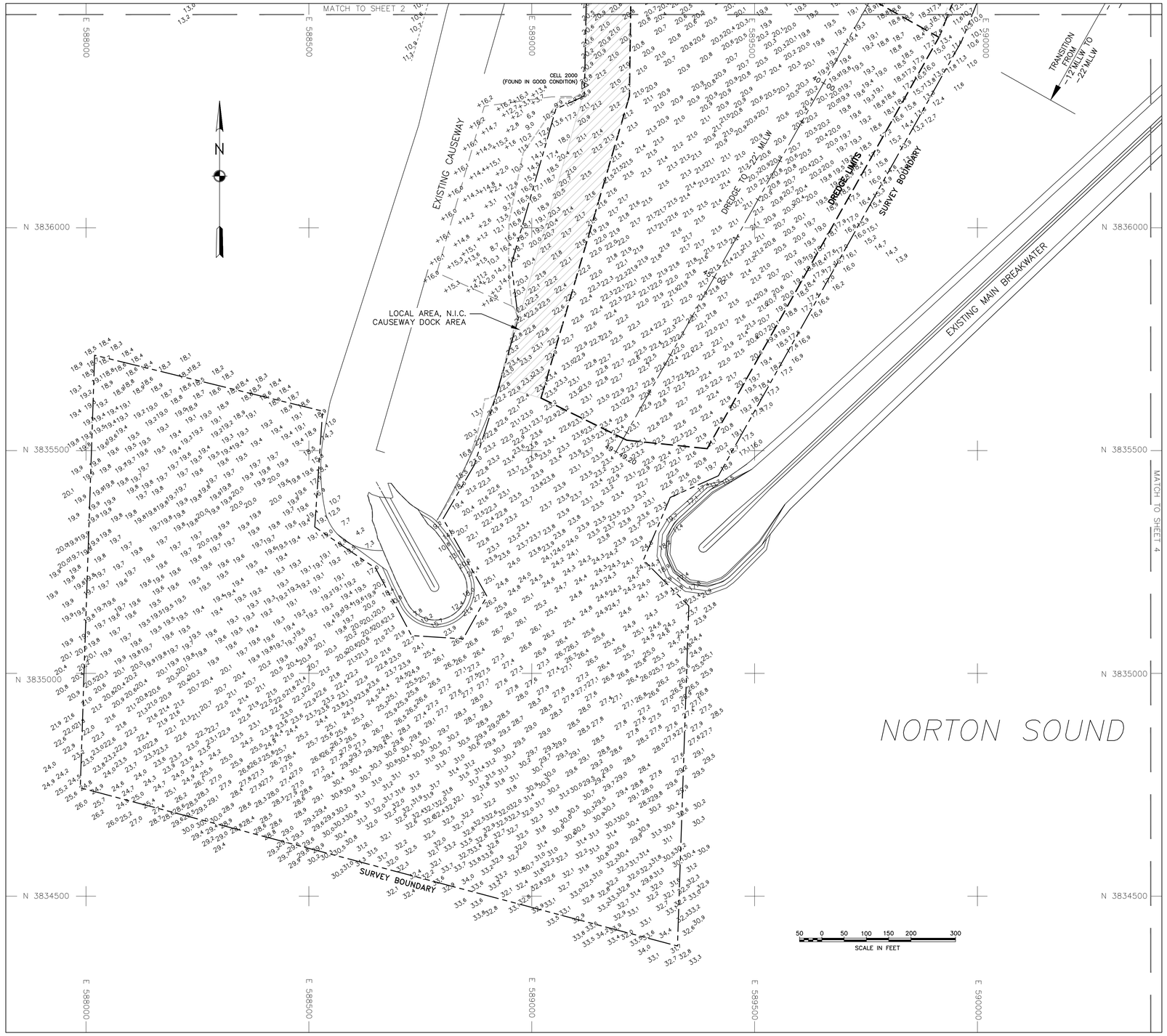
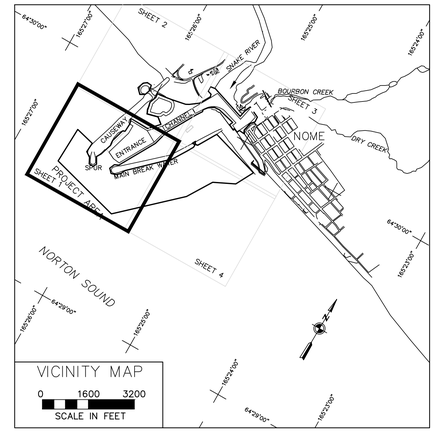
CORPS OF ENGINEERS





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TRIANGLE	3,838,168.74	589,577.49	26.74	--	SPIKE 10" BRIDGE SPIKE

VOLUME COMPUTATIONS	
-10 PROJECT DEPTH AREA (INNER HARBOR TO APPROX STATION 24+75)	
VOLUME REMOVED TO PROJECT DEPTH (-10 FT)	4,526 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH (-10 FT) AND MAX-PAY DEPTH (-11 FT)	3,056 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	7,582 cy
TOTAL OVERDREDGED VOLUME	3,774 cy
-12 PROJECT DEPTH AREA (APPROX STATION 24+75 TO APPROX STATION 33+83)	
VOLUME REMOVED TO PROJECT DEPTH (-12 FT)	4,375 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH (-12 FT) AND MAX-PAY DEPTH (-13 FT)	2,369 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	6,744 cy
TOTAL OVERDREDGED VOLUME	254 cy
NORTH TEST DREDGE AREA (-10 PROJECT DEPTH)	
VOLUME REMOVED TO PROJECT DEPTH (-10)	2,972 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH AND MAX-PAY DEPTH (-11)	1,344 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	4,316 cy
TOTAL OVERDREDGED VOLUME	1,676 cy
SOUTH TEST DREDGE AREA (DEPTH VARIES)	
VOLUME REMOVED TO PROJECT DEPTH (VARIES)	864 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH AND MAX-PAY DEPTH (VARIES))	1 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	865 cy
TOTAL OVERDREDGED VOLUME	44 cy
VOLUME REMOVED IN SLOUGH ALLOWANCE AREAS	3,496 cy

NOTE: NO DREDGING TOOK PLACE IN THE OUTER HARBOR (-22 PROJECT DEPTH AREA), ON THE TRANSITION SLOPE, OR IN THE EAST SEDIMENT TRAP, SO NO REMOVED VOLUMES HAVE BEEN REPORTED FOR THOSE AREAS. THE CURRENT AVAILABLE VOLUMES IN THESE AREAS ARE NOTED BELOW.

AVAILABLE VOLUMES	
EAST SEDIMENT TRAP AREA (PROJECT DEPTH -22)	
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STATE OF ALASKA 49TH JACK S. HUGHES LS-4915 REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym	Action	Description	Date	Approv

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: 8/11/11
Dwg Scale: 1"=100'
Plot Scale:
File:
Drawing #: 2909-11

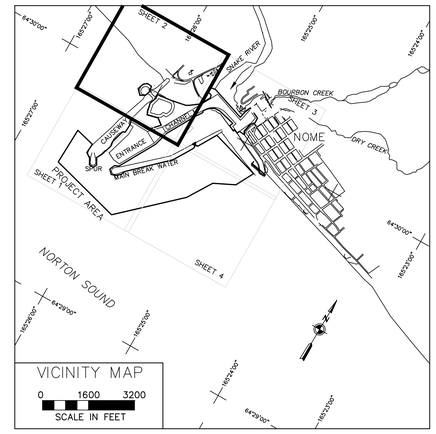
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
AUGUST 9-11, 2011

Reference number:

Sheet 1 of 4

CORPS OF ENGINEERS



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JACK S. HUGHES
LS-4915
REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
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CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Sym.	Action	Description	Date	Approv

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
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Submitted:
Date: 8/11/11
Dwg Scale: 1"=100'
Plot Scale:
File:
Drawing #: 2909-11

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
AUGUST 9-11, 2011

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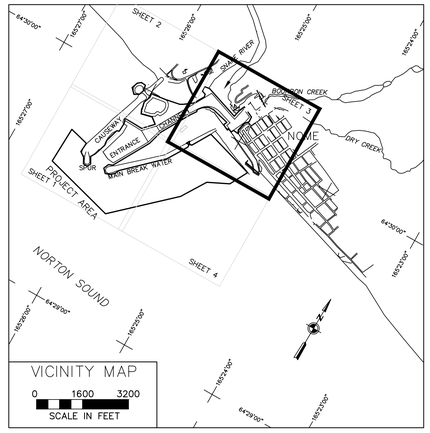
Sheet 2 of 4



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Recommended: Approved: Date:
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AUGUST 9–11, 2011

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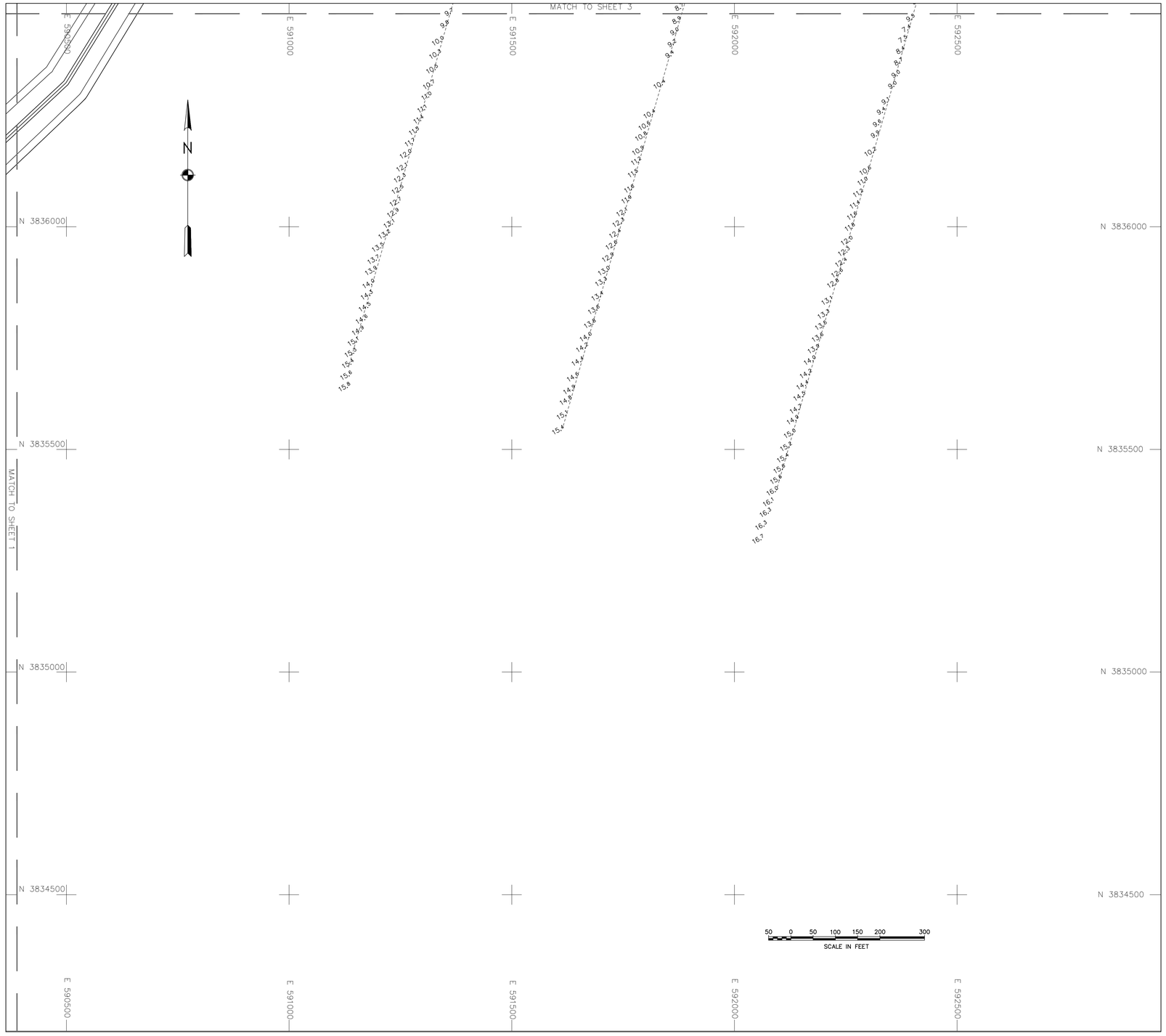
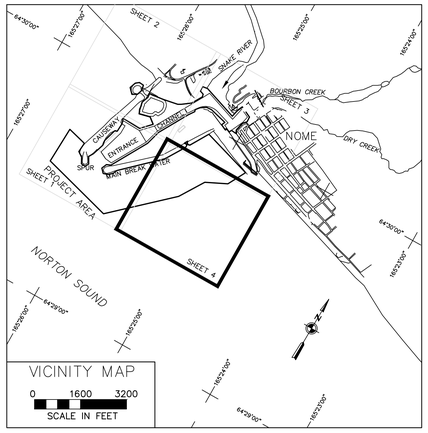
Sheet 3 of 4





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SOUTH TEST DREDGE AREA (DEPTH VARIES)	
VOLUME REMOVED TO PROJECT DEPTH (VARIES)	864 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH AND MAX-PAY DEPTH (VARIES))	1 cy
TOTAL VOLUME REMOVED TO MAX-PAY DEPTH	865 cy
TOTAL OVERDREDGED VOLUME	44 cy
VOLUME REMOVED IN SLOUGH ALLOWANCE AREAS	3,496 cy

NOTE: NO DREDGING TOOK PLACE IN THE OUTER HARBOR (-22 PROJECT DEPTH AREA), ON THE TRANSITION SLOPE, OR IN THE EAST SEDIMENT TRAP, SO NO REMOVED VOLUMES HAVE BEEN REPORTED FOR THOSE AREAS. THE CURRENT AVAILABLE VOLUMES IN THESE AREAS ARE NOTED BELOW.

AVAILABLE VOLUMES

EAST SEDIMENT TRAP AREA (PROJECT DEPTH -22)	
VOLUME AVAILABLE TO PROJECT DEPTH (-22 FT) IN EAST SEDIMENT TRAP	41,646 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (-22 FT) AND MAX-PAY DEPTH (-23 FT)	5,958 cy
TRANSITION AREA (APPROX STATION 33+83 TO APPROX STATION 37+83)	
VOLUME AVAILABLE TO PROJECT DEPTH (DEPTH VARIES)	7,650 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (VARIES) AND MAX-PAY DEPTH (VARIES)	3,698 cy
-22 PROJECT DEPTH AREA (APPROX STATION 37+83 TO OUTER HARBOR)	
VOLUME AVAILABLE TO PROJECT DEPTH (-22 FT) IN EAST SEDIMENT TRAP	24,053 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (-22 FT) AND MAX-PAY DEPTH (-23 FT)	18,584 cy

STATE OF ALASKA 49TH
JACK S. HUGHES
LS-4915
REGISTERED PROFESSIONAL LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. W911KB-10-C-0010
CONTRACTOR PORTABLE HYDRAULIC
CITY EAGLE CREEK STATE OREGON
Recommended: Approved: Date:
PRIME CONTRACTOR RESIDENT ENGINEER

Num	Action	Description	Date	Approv

Surveyed: HUGHES AND ASSOCIATES
Drawn: REH
Reviewed: CSH
Submitted:
Date: 8/11/11
Dwg Scale: 1"=100'
Plot Scale:
File:
Drawing #: 2909-11

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

NOME, AK
NOME HARBOR
POST DREDGE SURVEY
AUGUST 9-11, 2011

Reference number:

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