PURPOSE:
TO RENOVATE AN EXISTING HARBOR IN ORDER TO INCREASE MOORAGE CAPACITY AND IMPROVE PUBLIC SAFETY.

DATUM:
MLW = 0.0 FT

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE IN FEET
0 150 300 FT.

APPICANT ADDRESS:
CITY AND BOROUGH OF JUNEAU
155 S. SEWARD STREET
JUNEAU, AK 99801

PNQ#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR
APPLICATION BY: CITY AND BOROUGH OF JUNEAU
DATE: 06/14/07
SHEET 2 OF 9
PURPOSE:
TO RENOVATE AN EXISTING HARBOR IN ORDER TO INCREASE MOORAGE CAPACITY AND IMPROVE PUBLIC SAFETY.

SITE PLAN OF PROPOSED IMPROVEMENTS

OLD DOUGLAS HARBOR REPLACEMENT

DATUM:
MLLW = 0.0 FT

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07

SHEET 3 OF 9
PURPOSE:
TO RENOVATE AN EXISTING HARBOR IN ORDER TO INCREASE MOORAGE CAPACITY AND IMPROVE PUBLIC SAFETY.

DATUM:
MLLW = 0.0 FT

SOIL SAMPLING LOCATION PLAN

SCALE IN FEET
0 150 300 FT

APPLICATION ADDRESS:
CITY AND BOROUGH OF JUNEAU
155 S. SEWARD STREET
JUNEAU, AK 99801

PHN#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR
APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07 SHEET 4 OF 9
SUMMARY OF APPROXIMATE DREDGE AND FILL QUANTITIES BELOW H.T.L.

<table>
<thead>
<tr>
<th>EXCAVATION:</th>
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<tbody>
<tr>
<td>DREDGING</td>
<td>32,500 CY</td>
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<tr>
<td>TOTAL</td>
<td>32,500 CY</td>
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<table>
<thead>
<tr>
<th>FILL:</th>
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<tbody>
<tr>
<td>PRIMARY DREDGE BASIN:</td>
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<tr>
<td>RPRAP</td>
<td>1,600 CY</td>
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<tr>
<td>FILTER ROCK</td>
<td>400 CY</td>
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<tr>
<td>TOTAL (RPRAP &amp; FILTER)</td>
<td>2,000 CY</td>
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NOTE: SEE NEXT SHEET FOR RETAINING WALL DETAIL

TYPICAL DREDGE SECTION

SCALE IN FEET

0 30 60 FT

OLD DOUGLAS HAROR REPLACEMENT

CITY AND BOROUGH OF JUNEAU

DATUM: MLW = 0.0 FT

HTL = 20.8 MLLW
NEW FLOAT TYPICAL SECTION

GANGWAY ELEVATION

GANGWAY TYPICAL SECTION

PURPOSE:
TO RENOVATE AN EXISTING HARBOR IN ORDER TO INCREASE MOORAGE CAPACITY AND IMPROVE PUBLIC SAFETY.

FLOAT AND GANGWAY DETAILS

APPLICANT ADDRESS:
CITY AND BOROUGH OF JUNEAU
155 S. SEWARD STREET
JUNEAU, AK 99801

DATUM:
MLLW = 0.0 FT

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR
APPLICATION BY: CITY AND BOROUGH OF JUNEAU
DATE: 06/14/07
NOTES:
1. SOCKETING IS ANTICIPATED AT APPROXIMATELY 15 LOCATIONS ON C FLOAT, SEE SHEET 3.
2. DRILL SOCKET, CLEAN OUT HOLE, DRIVE PILE TO BOTTOM OF SOCKET.

PURPOSE:
TO RENOVATE AN EXISTING HARBOR IN ORDER TO INCREASE MOORAGE CAPACITY AND IMPROVE PUBLIC SAFETY.

DATUM:
MLLW = U.U. 11

PILE DETAILS

APPLICANT ADDRESS:
CITY AND BOROUGH OF JUNEAU
155 S. SEWARD STREET
JUNEAU, AK 99801

OLD DOUGLAS HARBOR REPLACEMENT

IN:
GASTINEAU CHANNEL

NEAR:
JUNEAU

AT:
DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07
# Property Owners

<table>
<thead>
<tr>
<th>No.</th>
<th>Current Owner</th>
<th>Street and House No.</th>
<th>Parcel</th>
<th>Legal Description</th>
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<tr>
<td>1</td>
<td>McKENNETH AND CHERIE RUDOLPH</td>
<td>0 FRONT STREET</td>
<td>2D040T320140</td>
<td>DOUGLAS BL 32 L 23 FR</td>
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<td>2</td>
<td>WILLIAM AND JANET LEAGUE</td>
<td>0 FRONT STREET</td>
<td>2D040T32150</td>
<td>ATS 14 BL 32 L 24A 14 BL 32 L 22A</td>
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<td>3</td>
<td>KENNETH AND CHERIE RUDOLPH</td>
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<td>4</td>
<td>CBJ</td>
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<td>JAMES MCCORMICK</td>
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</table>

**Purpose:**
To renovate an existing harbor in order to increase moorage capacity and improve public safety.

**Property Owners**

**Applicant Address:**
City and Borough of Juneau
155 S. Seward Street
Juneau, AK 99801

**Old Douglas Harbor Replacement**

**In:** Gastineau Channel
**Near:** Juneau
**At:** Douglas Harbor
**Application By:** City and Borough of Juneau

**Datum:**
MLLW = 0.0 FT

**PHN#: 062065.01**
**Date: 06/14/07**