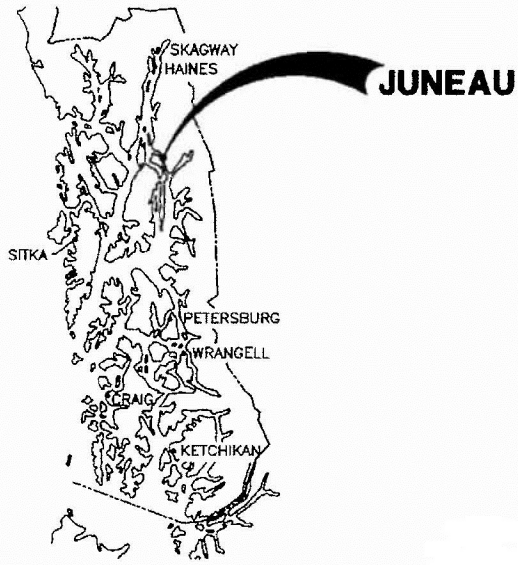
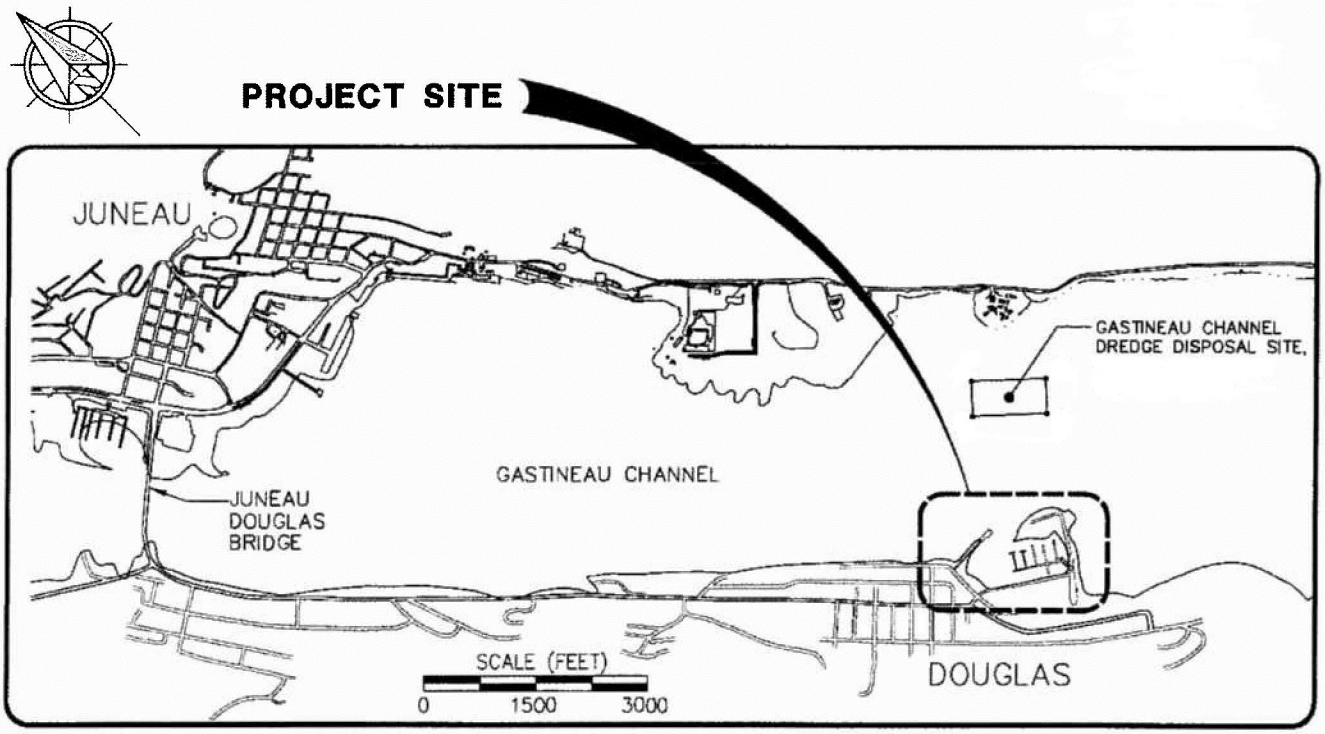
LOCATION MAP



SOUTHEAST ALASKA



VICINITY MAP

PURPOSE:

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

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

LOCATION AND VICINITY MAP

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

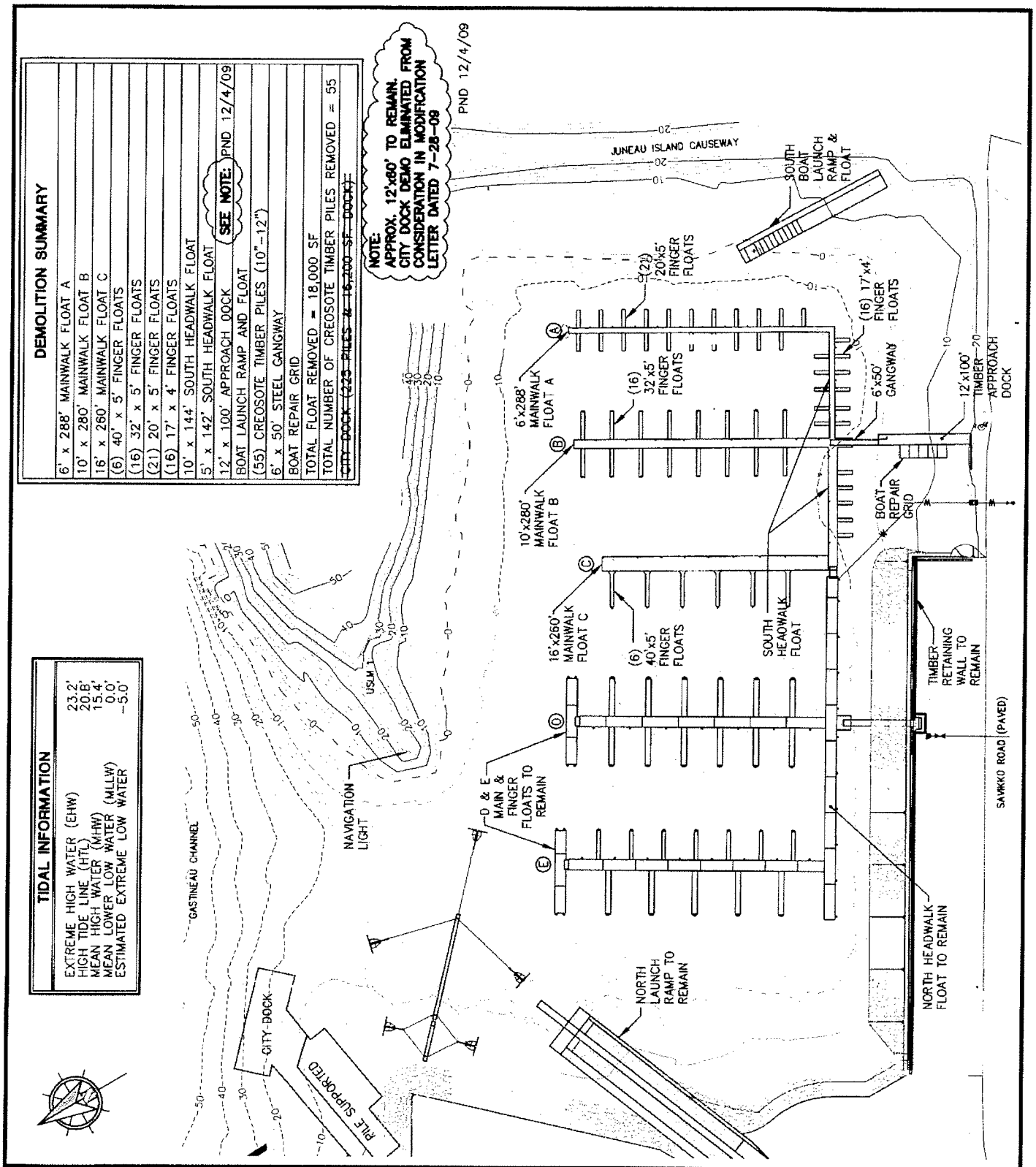
IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07

SHEET 1 OF ~~9~~ 8

POA-2000-495-M3



PURPOSE:

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

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE IN FEET

0 150 300 FT.

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

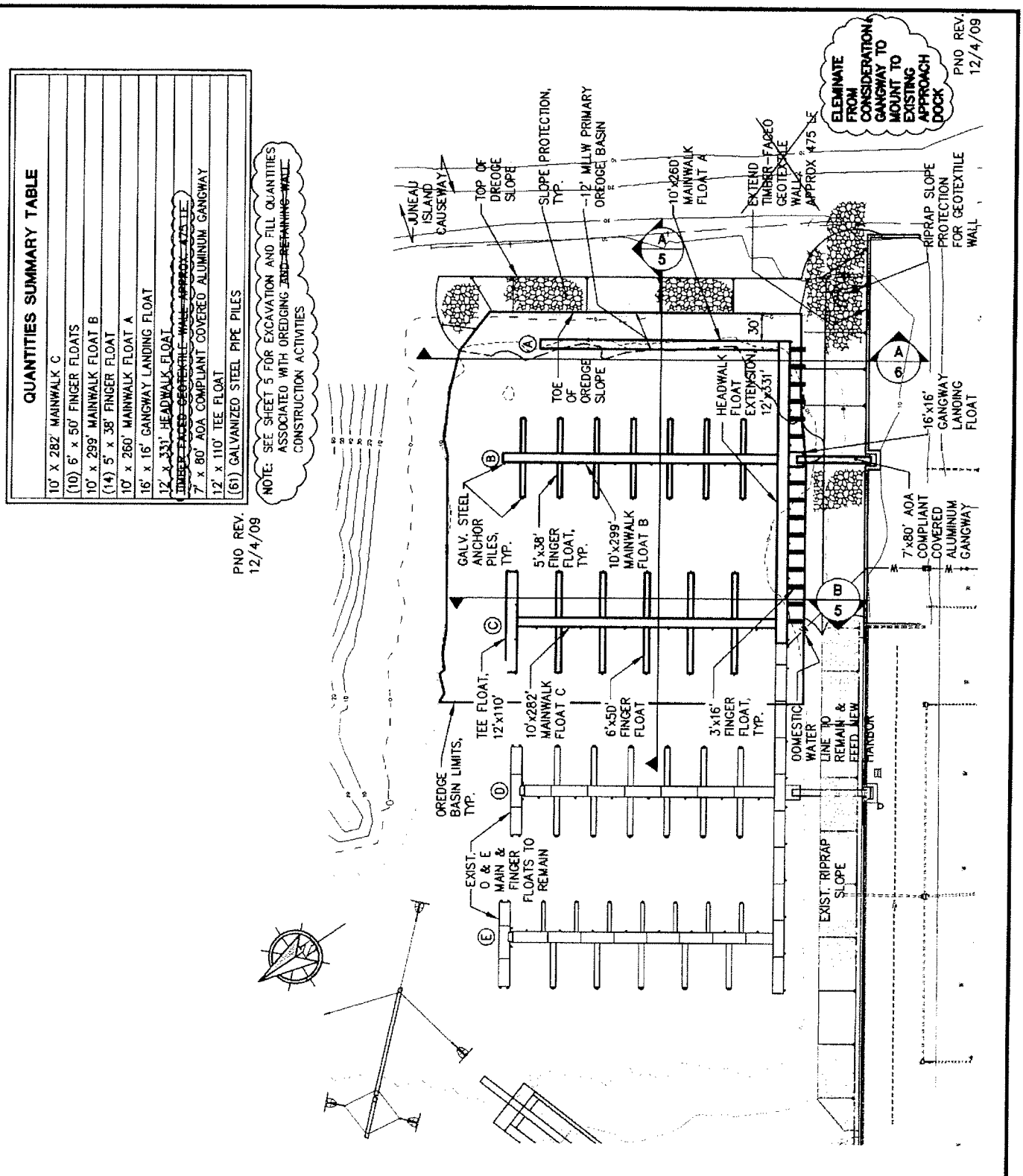
IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07

SHEET 2 OF 8

POA-2000-495-M3



PURPOSE:

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

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

SITE PLAN OF PROPOSED IMPROVEMENTS

SCALE IN FEET

0 150 300 FT.

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

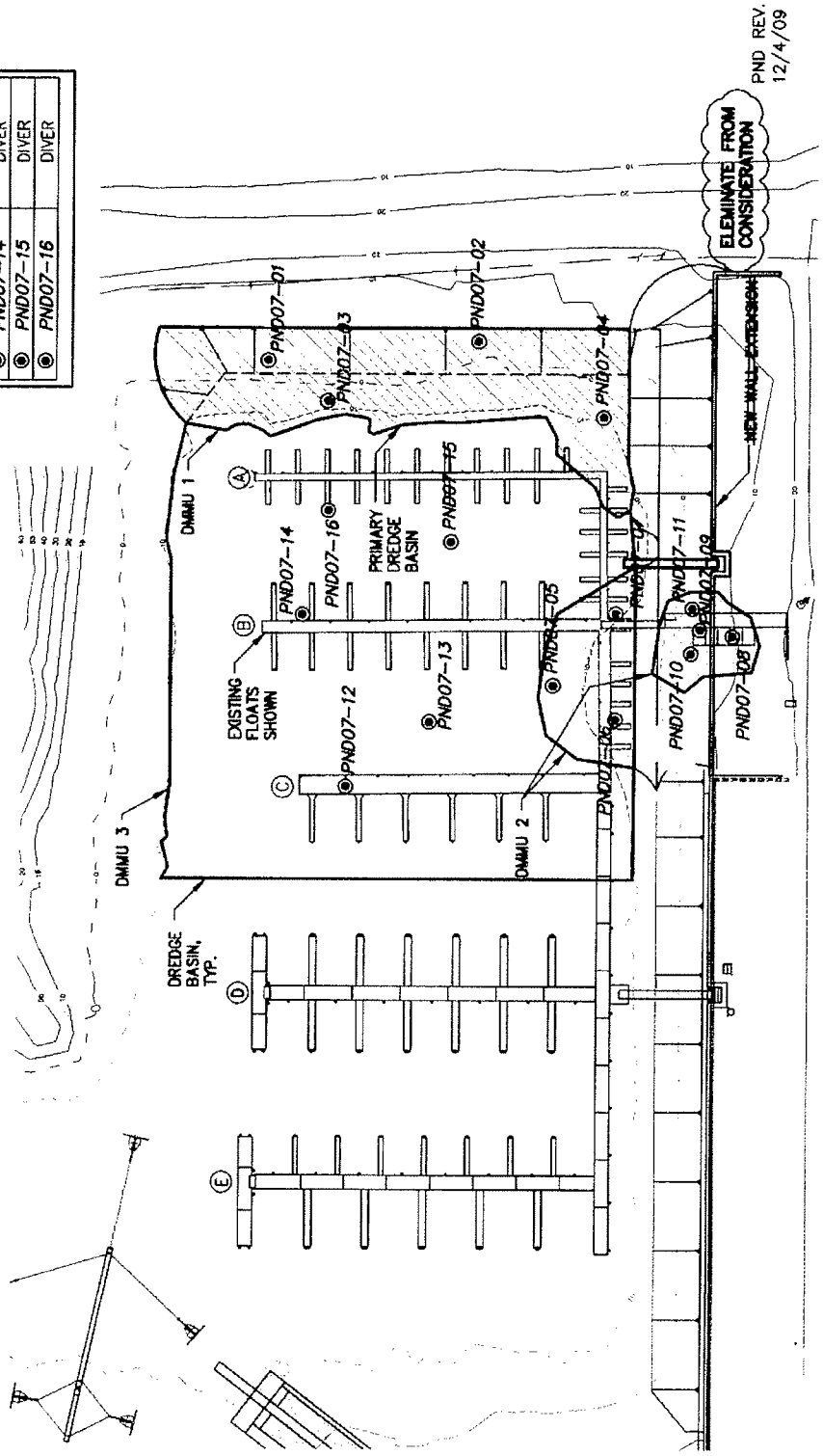
APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07

SHEET 3 OF 8

POA-2000-495-M3

SAMPLE TABLE	
SAMPLE NO.	METHOD
PND07-01	DRILL
PND07-02	DRILL
PND07-03	DIVER
PND07-04	DIVER
PND07-05	DIVER
PND07-06	DIVER
PND07-07	DIVER
PND07-08	HAND SAMPLER
PND07-09	HAND SAMPLER
PND07-10	HAND SAMPLER
PND07-11	HAND SAMPLER
PND07-12	HAND SAMPLER
PND07-13	DIVER
PND07-14	DIVER
PND07-15	DIVER
PND07-16	DIVER



PURPOSE:

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

DATUM:
MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

SOIL SAMPLING LOCATION PLAN

SCALE IN FEET
0 150 300 FT.

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

PND#: 06206S.01

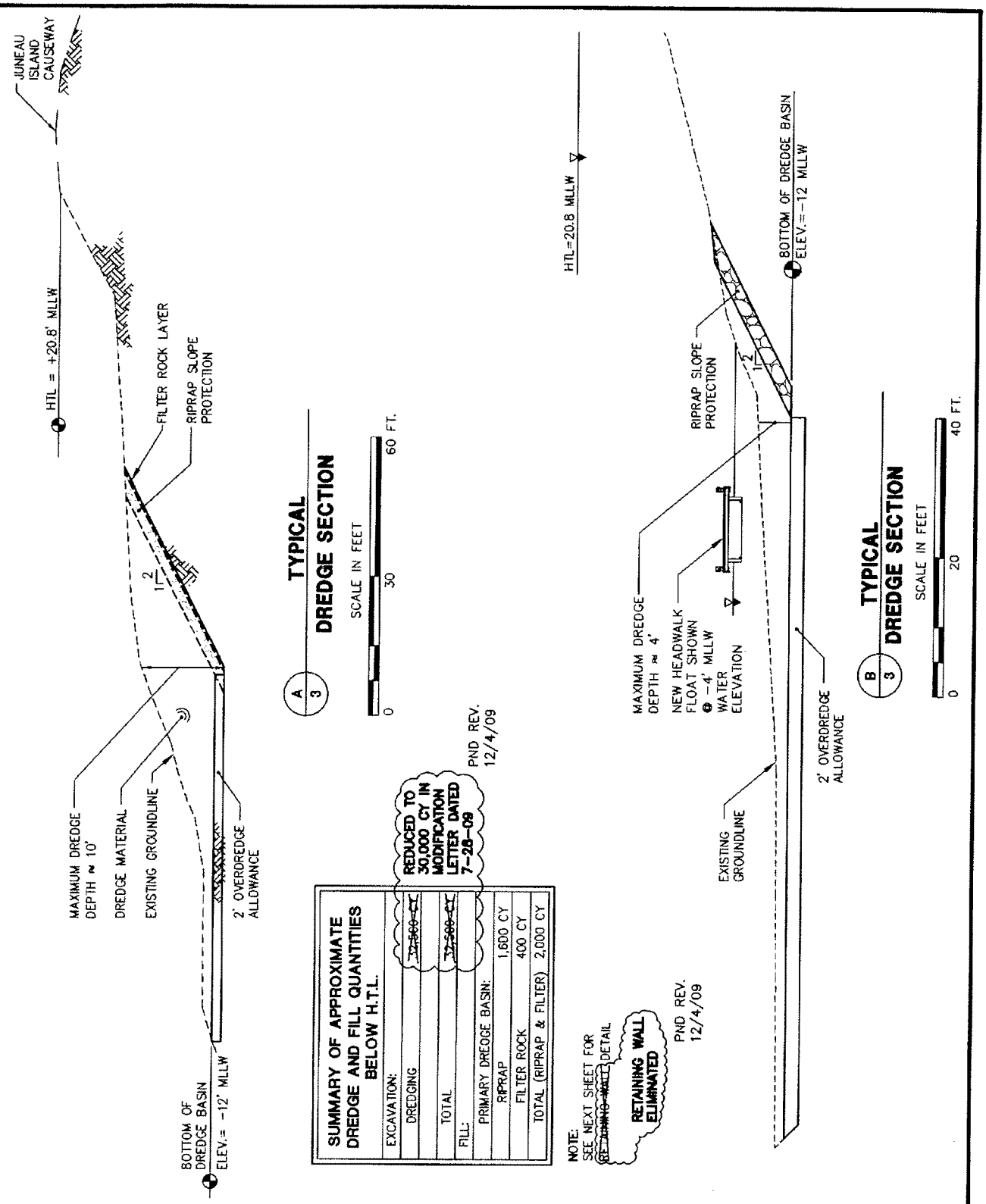
OLD DOUGLAS HARBOR REPLACEMENT

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

DATE: 06/14/07

SHEET 4 OF 8

POA-2000-495-M3



PURPOSE:

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

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

TYPICAL DREDGE SECTIONS

WITH FILL AND DREDGE QUANTITY SUMMARY

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL

NEAR: JUNEAU

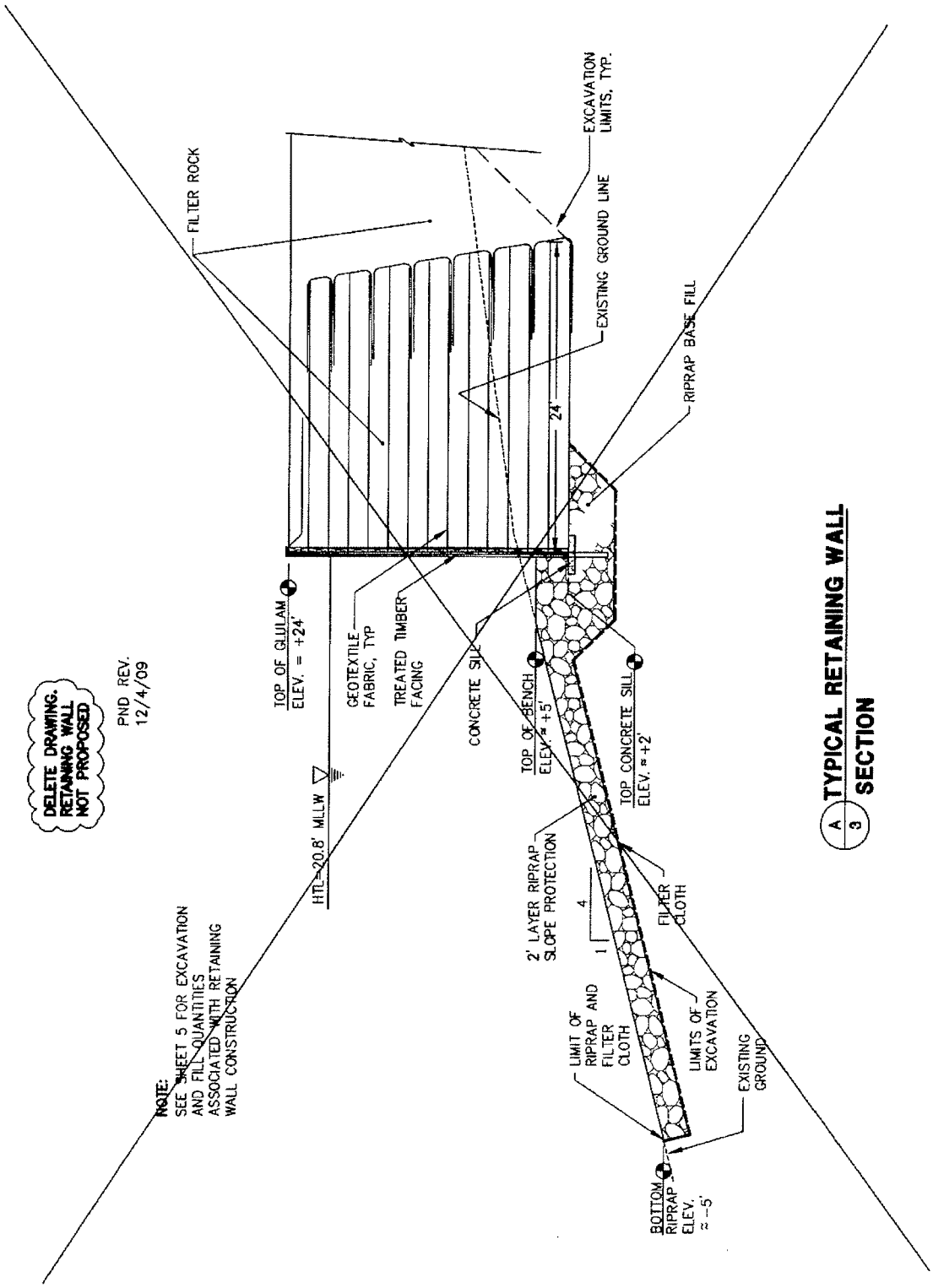
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 06/14/07

SHEET 5 OF ~~9~~ 8

POA-2000-495-M3



PURPOSE:

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

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

TYPICAL RETAINING WALL SECTION

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

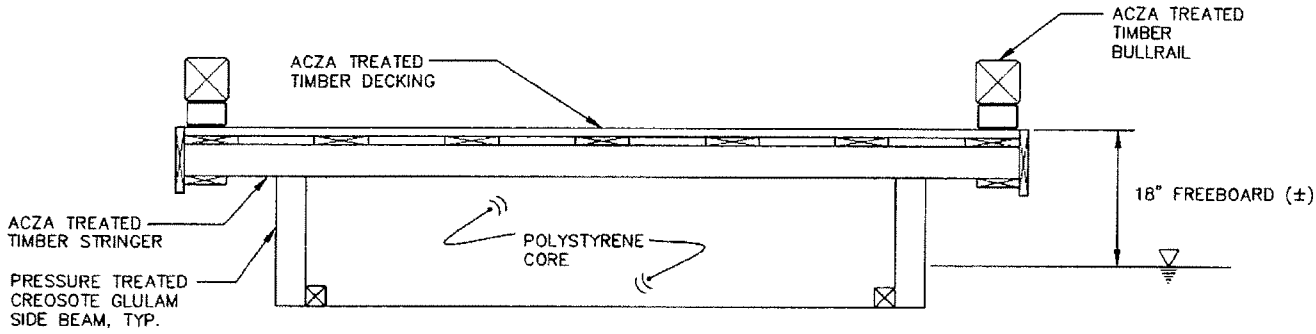
IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

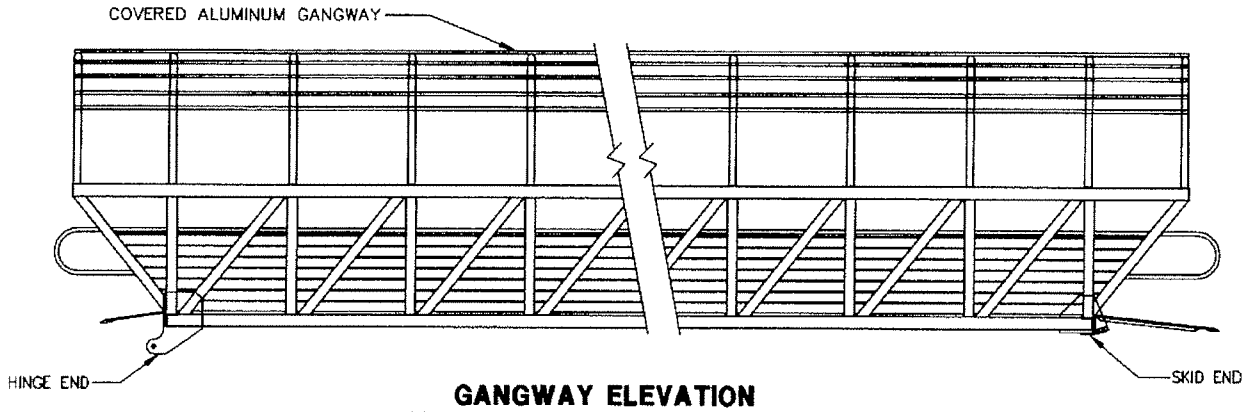
DATE: 06/14/07

SHEET 6 OF 8

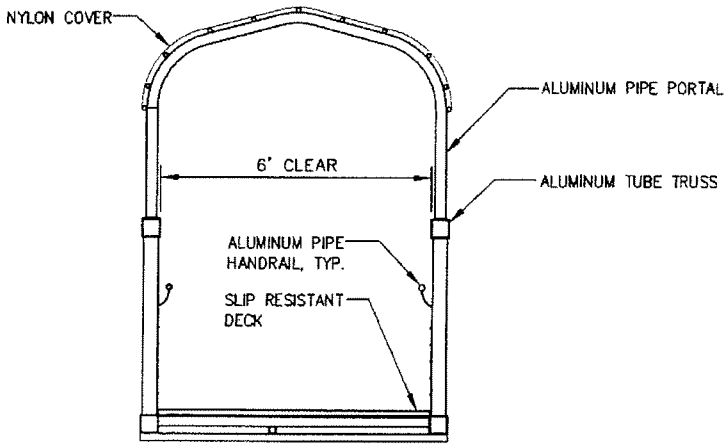
POA-2000-495-M3



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.

DATUM:

MLLW = 0.0 FT

HTL = 20.8'
MHW = 15.4'
MLLW = 0.0'

FLOAT AND GANGWAY DETAILS

APPLICANT ADDRESS:

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

PND#: 062065.01

OLD DOUGLAS HARBOR REPLACEMENT

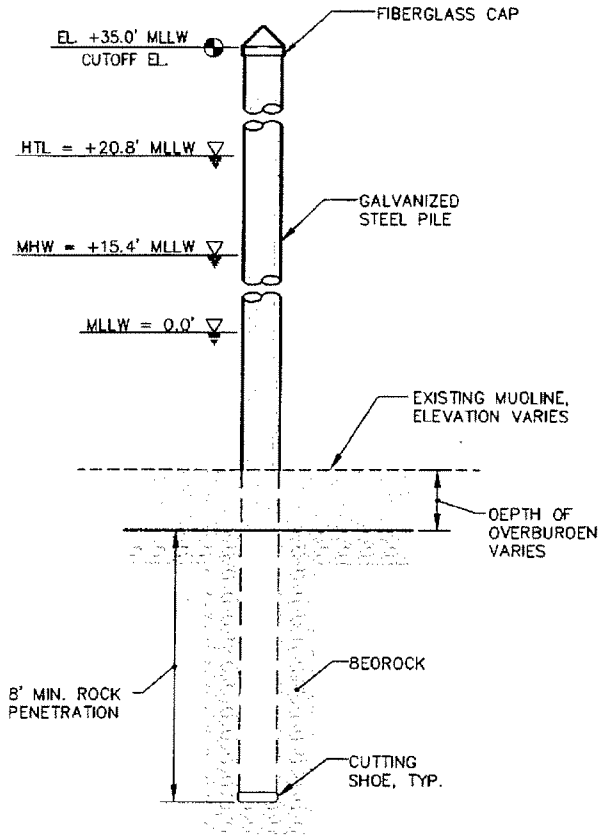
IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

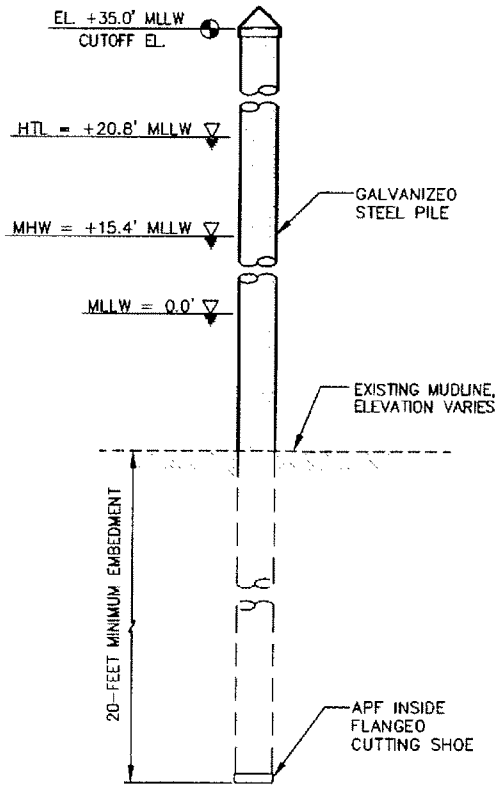
DATE: 06/14/07

SHEET 7 OF 8

POA-2000-495-M3



SOCKET



NON-SOCKET

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 = 0.0 FT

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MHW = 15.4'
MLLW = 0.0'

PILE DETAILS

APPLICANT ADDRESS:
CITY AND BOROUGH OF JUNEAU
155 S. SEWARD STREET
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PND#: 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 8 OF ~~9~~ 8

POA-2000-495-M3

NOTE: CENTER OF PROPOSED GASTINEAU CHANNEL DISPOSAL AREA IS LOCATED 1,450 LINEAL FEET NORTHEAST OF DOUGLAS HARBOR IN WATER DEPTHS OF APPROXIMATELY 100 FEET AT LOW TIDE.

USACE # POA-2000-495
GASTINEAU CHANNEL

PURPOSE:

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

DATUM:

MLLW = 0.0 FT.

HTL = 20.8'
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MLLW = 0.0'

PERMIT MODIFICATION

DREDGED MATERIAL DISPOSAL AND CAPPING

LOCATION – PLAN VIEW

APPLICANT ADDRESS:

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

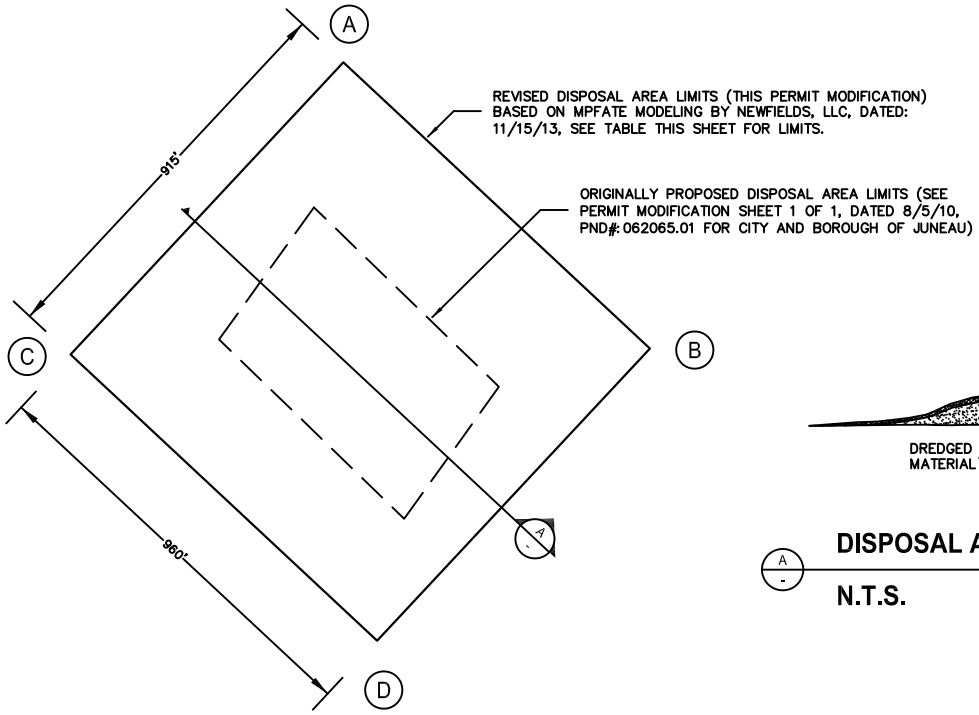
OLD DOUGLAS HARBOR REPLACEMENT

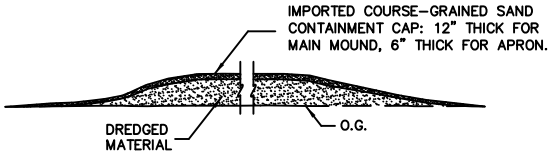
IN: GASTINEAU CHANNEL
NEAR: JUNEAU
AT: DOUGLAS HARBOR

APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 1/13/14

PERMIT MODIFICATION
SHEET 1 OF 2





DISPOSAL AREA w/CAP - SECTION

A
-

N.T.S.

GASTINEAU CHANNEL

DISPOSAL AREA - PLAN

REVISED DREDGED MATERIAL DISPOSAL LIMITS		
CORNER	LATITUDE	LONGITUDE
A	58° 16' 48" N	134° 22' 53" W
B	58° 16' 42" N	134° 22' 40" W
C	58° 16' 42" N	134° 23' 04" W
D	58° 16' 35" N	134° 22' 51" W

100 0 100 200 400

SCALE IN FEET

NOTE: CENTER OF PROPOSED GASTINEAU CHANNEL DISPOSAL AREA IS LOCATED 1,450 LINEAL FEET NORTHEAST OF DOUGLAS HARBOR IN WATER DEPTHS OF APPROXIMATELY 100 FEET AT LOW TIDE.

USACE # POA-2000-495
GASTINEAU CHANNEL

PURPOSE:

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

DATUM:

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MLLW = 0.0'

PERMIT MODIFICATION

DREDGED MATERIAL DISPOSAL AND CAPPING

DETAILS

APPLICANT ADDRESS:

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

OLD DOUGLAS HARBOR REPLACEMENT

IN: GASTINEAU CHANNEL
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APPLICATION BY: CITY AND BOROUGH OF JUNEAU

DATE: 1/13/14

PERMIT MODIFICATION
SHEET 2 OF 2