



US Army Corps
of Engineers
Seattle District



Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers

Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone: (206) 764-6960
ATTN: Ms. Olivia Romano,
Project Manager

WA Department of Ecology

SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6068
ATTN: SEA Program,
Federal Permit Coordinator

Public Notice Date: September 4, 2015

Expiration Date: October 4, 2015

Reference No.: NWS-2015-634-WRD

Name: Tacoma, Port of and Georgia
Pacific Gypsum

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the U.S. as described below and shown on the enclosed drawings dated September 2014.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: Port of Tacoma
Attention: Mr. Tony Warfield
P.O. Box 1837
Tacoma, Washington 98401-1837
Telephone: (253) 383-5841

Georgia Pacific Gypsum
Attention: Mr. Don Jordan
1240 Alexander Avenue East
Tacoma, Washington 98421
Telephone: (253) 627-2100

AGENT: Grette Associates, LLC
Attention: Mr. Matthew Boyle
2102 North 30th Street, Suite A
Tacoma, Washington 98403
Telephone: (253) 573-9300

LOCATION: In Blair Waterway, Georgia-Pacific Gypsum Marine Terminal, in Tacoma, Washington.

WORK: Modify the existing overhead conveyer and dredge up to 25,450 cubic yards of material from the existing berthing area. The dredge area covers 87,128 square feet. All dredging would occur between -33 and -45 feet Mean Lower Low Water, including a 1-foot allowable overdredge. The "overdredge" provisions are not intended to increase the overall depth, but to ensure that authorized depth is achieved. Side slopes along the margins of the

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dredge area would be 1.5 horizontal to 1-foot vertical or flatter. Dredging would be conducted using a derrick barge with clamshell bucket.

The proposed dredge area is divided into two dredge material management units (DMMU). Up to 16,900 cubic yards of dredge material would be removed from DMMU-1 and placed on deck barges equipped to contain the material. The dredge material would be offloaded at a nearby facility, dewatered as necessary, and trucked to the LRI upland landfill disposal facility. Up to 8,550 cubic yards of dredged material would be removed from DMMU-2 and placed on bottom dump barges and transported to the Commencement Bay open-water disposal site.

The conveyer system modifications consist of demolition of the existing hopper and installing a fixed receiving hopper located 52 feet south of the existing hopper. A new belt feeder would be installed to convey the material from the new hopper to the existing unloading belt. The belt feeder would slope up from the surface of the pier to no more than 15.5 feet above the pier. Minor pier repairs would consist of refastening handrails and replacing rusted pier elements.

Work outside the Corps' jurisdiction includes the expansion of the existing rock storage building to add an additional storage capacity and replacement of the existing shoreline bollards.

PURPOSE: The project purpose is to optimize vessel capacity, offloading capability, and maintain safe operations at the Terminal.

Dredged Material Testing: The proposed dredged material has been tested according to the procedures specified by the Dredged Material Management Program (DMMP), a multi-agency program for the evaluation of dredged material proposed for disposal at open-water sites in Washington State. The DMMP evaluations may include both chemical and biological testing of sediments. For this project, the DMMP agencies determined that 8,550 cubic yards were suitable for unconfined disposal at the DMMP nondispersive (or dispersive) open-water disposal site in Commencement Bay. The remaining 16,900 cubic yards were found unsuitable for open-water disposal. After mechanical removal, this material will be loaded onto trucks and transported to an upland disposal area, approved by Ecology and the Pierce County Department of Health. The sediment testing data is available at the Corps, Seattle District, Dredged Material Management Office.

Dredging Plan: A dredging plan, sufficient to adequately separate contaminated material from sediments suitable for open-water disposal, will be prepared by the applicant and submitted to the regulatory agencies for review prior to dredging. A pre-dredging conference will be held to review quality control plans and procedures for material separation.

Disposal Site Use Conditions: The following standard site-use conditions will be specified by the Corps and the Washington Department of Natural Resources as part of the Federal/State permitting processes if a permit is issued: (1) disposal operations must not interfere with Indian treaty fishing at the disposal site, including gill nets and other fishing gear; (2) the permittee must coordinate any nighttime disposal with the Corps, Seattle District, Regulatory Branch Project Manager; and (3) approval must be received from the District Engineer prior to conducting nighttime disposal. Other appropriate special conditions may be added as a result of comments received during the public review period for this public notice.

ADDITIONAL INFORMATION: To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

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ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. After receipt of comments from this public notice, the Corps will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

CULTURAL RESOURCES: The Corps has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no recorded historic properties within the permit area. The permit area has been so extensively disturbed by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The Corps invites responses to this public notice from Native American Tribes or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

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The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

EVALUATION – ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

ADDITIONAL EVALUATION: This proposal is the subject of Shorelines Substantial Development Permit to be processed by the City of Tacoma.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

CORPS COMMENTS: All e-mail comments should be sent to olivia.h.romano@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Ms. Olivia Romano, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov.

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Tacoma, Port of and Georgia Pacific Gypsum; NWS-2015-634-WRD

Encl: Figures (13)



VICINITY MAP
NOT TO SCALE

PROPOSED PROJECT:
MARINE TERMINAL UPGRADE

REFERENCE #: **NWS-2015-634-WRD**

COORDINATES:
LATITUDE: 47°16'9.72"N
LONGITUDE: 122°23'38.89"W

LEGAL DESCRIPTION:
S-T-R: S35,T21N,R03W WM
TAX PARCEL # 0321352061
COUNTY: PIERCE
STATE: WA

DATUM: MLLW (MLLW TO NAVD 88;
SUBTRACT 2.67')

IN: BLAIR WATERWAY

APPLICANT:
PORT OF TACOMA FOR
GEORGIA-PACIFIC GYPSUM LLC
1240 E. ALEXANDER AVE
TACOMA, WA 98421

ADJACENT PROPERTY OWNERS:

- ① GRAYMONT
- ② PUYALLUP TRIBE OF INDIANS

NOTE: OHW = 13'±
MHHW = 11.84'
MHW = 10.96'
MLLW = 0.00'

*BASED ON CORPS. TIDAL DATUM
FOR SOUTH PUGET SOUND:
90-TACOMA

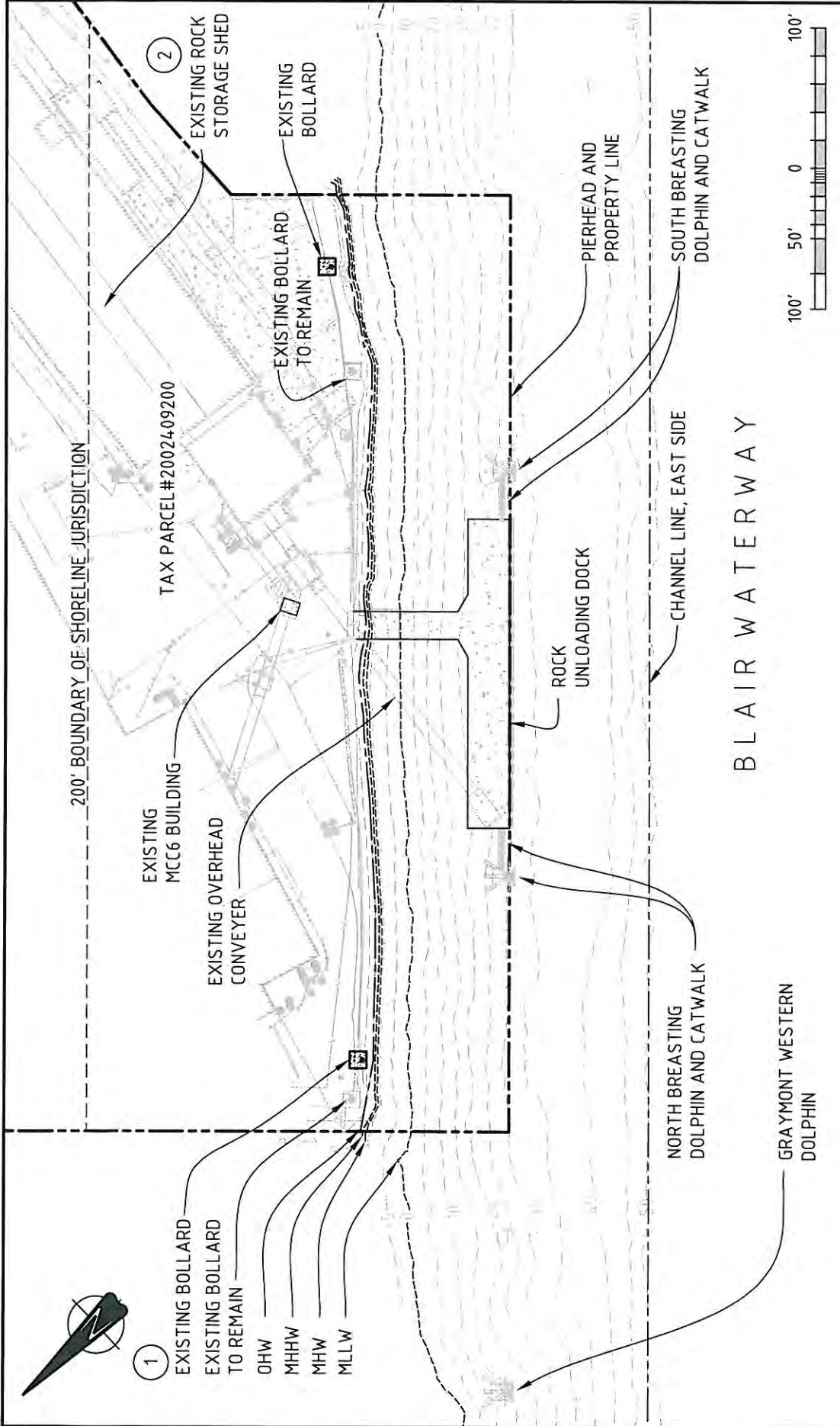
REV	DATE	REVISION DESCRIPTION	DRN	CHKD	DES	ENG CHK	APPRD	CUST	A SHEET	SCALE	SHOWN
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C	15-JUN-15	ISSUED FOR INFORMATION	DAS	WC	BCT	WC	CDD	-			
B	15-AUG-14	ISSUED FOR REVIEW	BCT	TWF	BCT	TWF	TWF	-			
A	30-MAY-14	ISSUED FOR REVIEW	BCT	TWF	BCT	TWF	TWF	-			
									WORLEYPARSONS PROJ No. 308106-00030		

ENGINEERING AND PERMIT STAMPS 	CUSTOMER Aug 20, 2015	 GEORGIA-PACIFIC TACOMA MARINE TERMINAL DREDGE COVER SHEET & VICINITY MAP
"This drawing is prepared for the use of the contractual customer of WorleyParsons Group and WorleyParsons Group assumes no liability to any other party for any representations contained in this drawing."		DRG No 00030-EN-DAL-6100 REV D

LOC: \\WORLEYPARSONS.COM\CA\DATA\PD\X\2013\00030_GP_ESA\11_DRAWINGS\10_STRUCTURE\PERMIT\DRAWING PACKAGE 3 - MARINE TERMINAL UPGRADE\00030-00-EN-DAL-
 SAVE DATE & TIME: 1/7/2015 10:29:27 AM USER NAME: allen.kabanuk

WORLEYPARSONS_A_REV1

LOCATION: U:\PDX\2013\00030_GP_ESA\11_DRAWINGS\10_STRUCT\PERMIT\DRAWING PACKAGE 3 - MARINE TERMINAL UPGRADE\00030-00-EN-DAL-6101.DWG
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LEGAL DESCRIPTION:
 S-T-R: S35,T21N,R03W WM
 TAX PARCEL # 0321352061
 COUNTY: PIERCE
 STATE: WA

PROPOSED PROJECT: MARINE TERMINAL UPGRADE
NWS-2015-634-WRD
ADJACENT PROPERTY OWNERS:
 ① GRAYMONT
 ② PUYALLUP TRIBE OF INDIANS
PROJECT COORDINATES: 47°16'9.72"N, 122°23'38.89"W

FOR PERMIT APPLICATION ONLY

PURPOSE: ALLOW VESSEL SERVICE W/OOT GROUNDING
RISK:
 IN: BLAIR WATERWAY AT: TACOMA
 COUNTY OF: PIERCE STATE OF: WA
 APPLICATION BY: GP GYPSUM LLC 1240 E. ALEXANDER AVE. TACOMA WA. 98421
 00030-EN-DAL-6101 DATE: 08/20/2015

GEORGIA-PACIFIC TACOMA MARINE TERMINAL DREDGE EXISTING SITE PLAN

This drawing is prepared for the use of the contractual customer of WorleyParsons Group and WorleyParsons Group assumes no liability to any other party for any representations contained in this drawing.

WorleyParsons
 worleyparsons.com



BASELINE CONTROL POINT TABLE		
STATION	NORTHING	EASTING
0+00	711828.4	1169331.0
9+00	711202.0	1169977.3

LEGEND

- EXISTING CONTOURS (2' AND 10' INTERVAL)
- - - PROPOSED CONTOURS (5' INTERVAL)
- - - APPROXIMATE DAYLIGHT BOUNDARY
- - - DREDGE AREA TO -40 FT MLLW
- ✕ S-1 SAMPLE IDENTIFICATION AND LOCATION

NOTES

- HORIZONTAL DATUM: WASHINGTON STATE PLANE
- SOUTH ZONE NAD 83 U.S. FEET.
- VERTICAL DATUM: MEAN LOWER LOWWATER (MLLW)
- AERIAL FROM ESRI.
- DMMU-1 SHALL CONSIST OF THE UPPER 5 FEET OF DREDGED MATERIAL AS SHOWN ON C-03 THROUGH C-07.
- SOUNDING SURVEY COMPLETED BY NORBLE PARSONS CANADA ON FEBRUARY 11, 2013 AND MAY 31, 2013, USING A TRIMBLE PATHFINDER PRO XRS 127501 WITH DIFFERENTIAL CORRECTION AND MEASUREMENTS TO 100 BOUNDARY AND FURTHER AUGMENTED WITH LEICA LINE SOUNDINGS.

SCALE IN FEET
0 40 80

NORTH

GEORGIA-PACIFIC TACOMA MARINE TERMINAL
DRAFT FINAL DESIGN

DMMU-1 DREDGE PLAN

C-01

SHEETING 4 OF 10

REV	DATE	BY	APP'D	DESCRIPTION

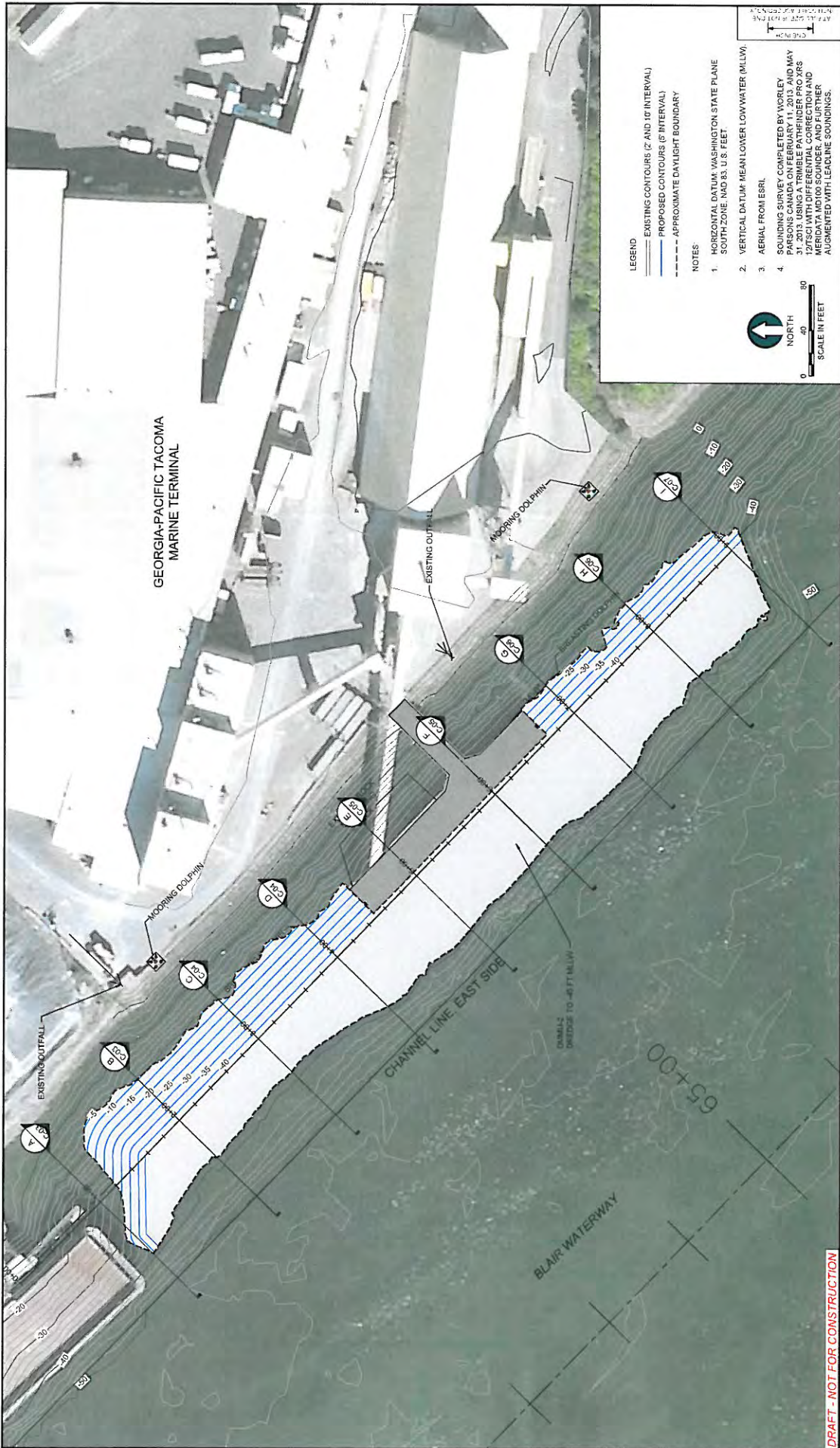
DESIGNED BY: J. LEAFER
DRAWN BY: C. LEWELL
CHECKED BY: J. ANDERSON
APPROVED BY: J. ANDERSON
SCALE AS SHOWN
DATE: 2/13/15

NWS-2015-634-WRD
Aug 20, 2015

Georgia-Pacific

ANCHOR OEA

DRAFT - NOT FOR CONSTRUCTION



LEGEND

- EXISTING CONTOURS (2' AND 10' INTERVAL)
- PROPOSED CONTOURS (5' INTERVAL)
- APPROXIMATE DAYLIGHT BOUNDARY

NOTES

1. HORIZONTAL DATUM: WASHINGTON STATE PLANE SOUTH ZONE, NAD 83, U.S. FEET.
2. VERTICAL DATUM: MEAN LOWER LOWWATER (MLLW).
3. AERIAL FROM ESRI.
4. SOUNDING SURVEY COMPLETED BY WORLEY PARSONS CANADA ON FEBRUARY 11, 2013 AND MAY 31, 2013 USING A TRIMBLE PATHFINDER PRO XRS SURVEYING SYSTEM WITH A TRIMBLE RING BEAM AND MERIDIA M1000 SOUNDER AND FURTHER AUGMENTED WITH LEADLINE SOUNDINGS.



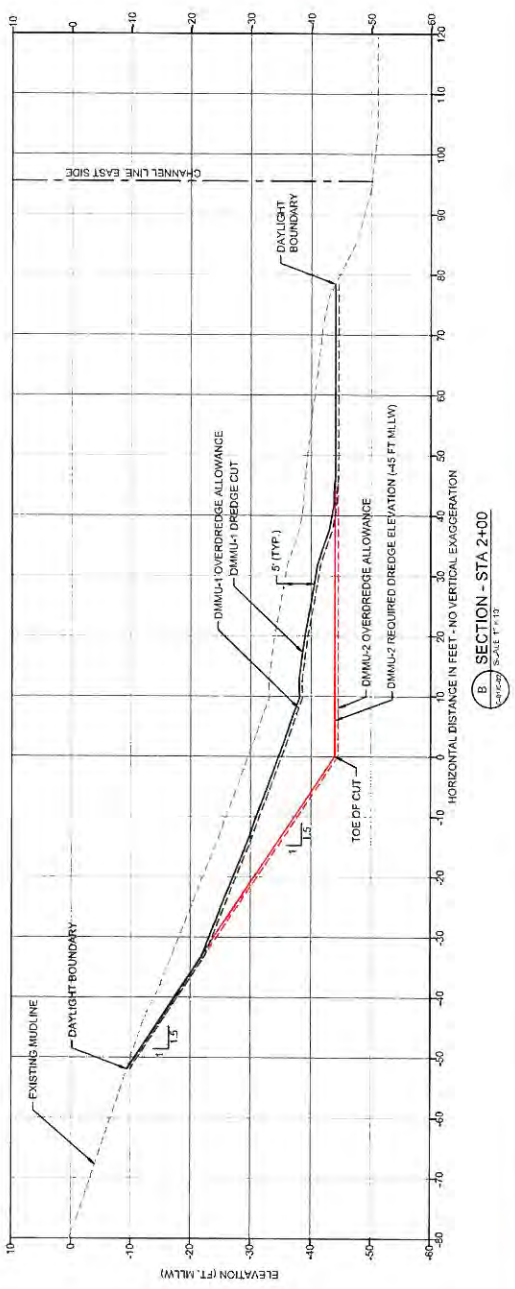
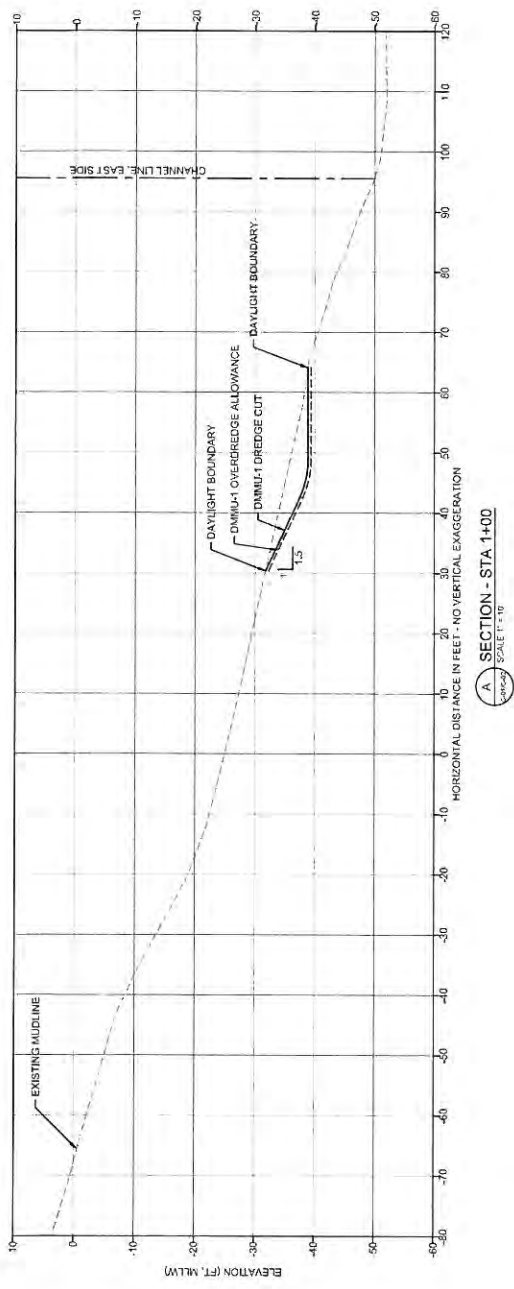
GEORGIA-PACIFIC TACOMA MARINE TERMINAL
 DRAFT FINAL DESIGN
 DIMM-2 DREDGE PLAN
 SHEET NO. 5 OF 10

DESIGNED BY	J. LEMUEL
DRAWN BY	G. BURGOTT
CHECKED BY	J. JOHNSON
APPROVED BY	J. JOHNSON
DATE	2/21/2015

REV	DATE	BY	APP'D	DESCRIPTION
NWS-2015-634-WRD Aug 20, 2015				



DRAFT - NOT FOR CONSTRUCTION



- LEGEND**
- EXISTING MUDLINE
 - - - DAYLIGHT BOUNDARY
 - · · DIMMU-1 OVERDREDGE ALLOWANCE (0.5 FT)
 - DIMMU-1 DREDGE CUT
 - - - DIMMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - DIMMU-2 DREDGE CUT
 - - - DIMMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - FEDERAL NAVIGATION CHANNEL

- NOTES**
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE, SOUTH ZONE, NAD 83, U.S. FEET
 2. VERTICAL DATUM: MEAN LOWER LOWWATER (MLLW).

DRAFT - NOT FOR CONSTRUCTION



NWS-2015-634-WRD
Aug 20, 2015

REV	DATE	BY	APPD	DESCRIPTION

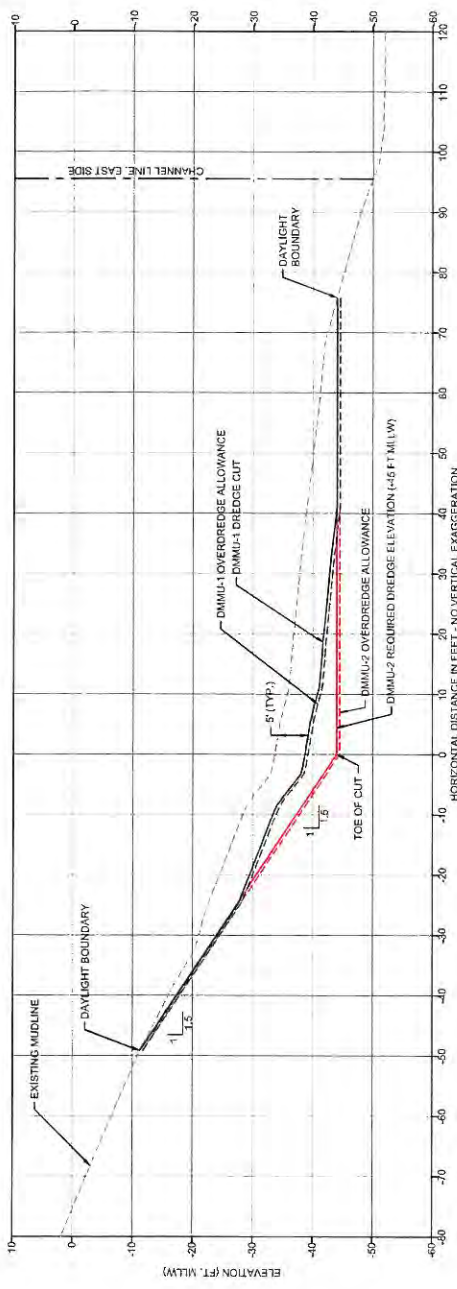
DESIGNED BY: T. LARSEN
 DRAWN BY: J. ARMITT
 CHECKED BY: J. ARMITT
 APPROVED BY: J. ARMITT
 SCALE ASSIGNED: 1"=20'
 DATE: JUL 2015

GEORGIA-PACIFIC TACOMA MARINE TERMINAL
DRAFT FINAL DESIGN

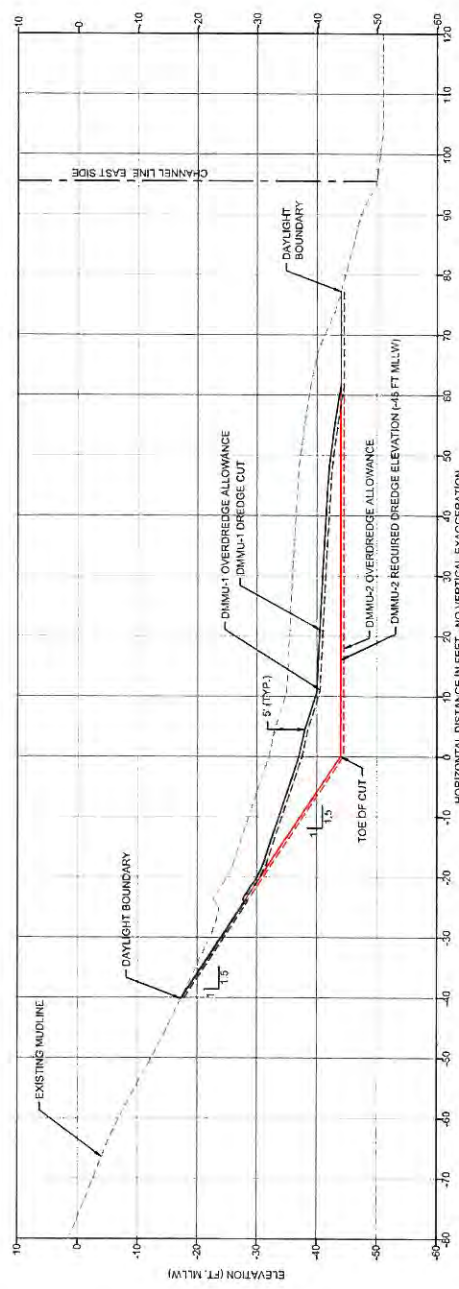
DREDGE PLAN SECTIONS (1 OF 5)

C-03

SHEETING 6 OF 10



C SECTION - STA 3+00
SCALE 1" = 10'



D SECTION - STA 4+00
SCALE 1" = 10'

- LEGEND
- EXISTING MUDLINE
 - - - DAYLIGHT BOUNDARY
 - - - DMU-1 DREDGE CUT
 - - - DMU-2 DREDGE CUT
 - - - DMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - - - DMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - - - FEDERAL NAVIGATION CHANNEL

- NOTES
1. HORIZONTAL DATUM: NAVIGATION CHANNEL MEAN LOW WATER SOUTH ZONE, 1985 U.S. FEET
 2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

DESIGNED BY: J. LAMBERT
 DRAWN BY: G. LEWIS
 CHECKED BY: J. BROWN
 APPROVED BY: J. BROWN
 DATE: JUL 2015

GEORGIA-PACIFIC TACOMA MARINE TERMINAL
 DRAFT FINAL DESIGN

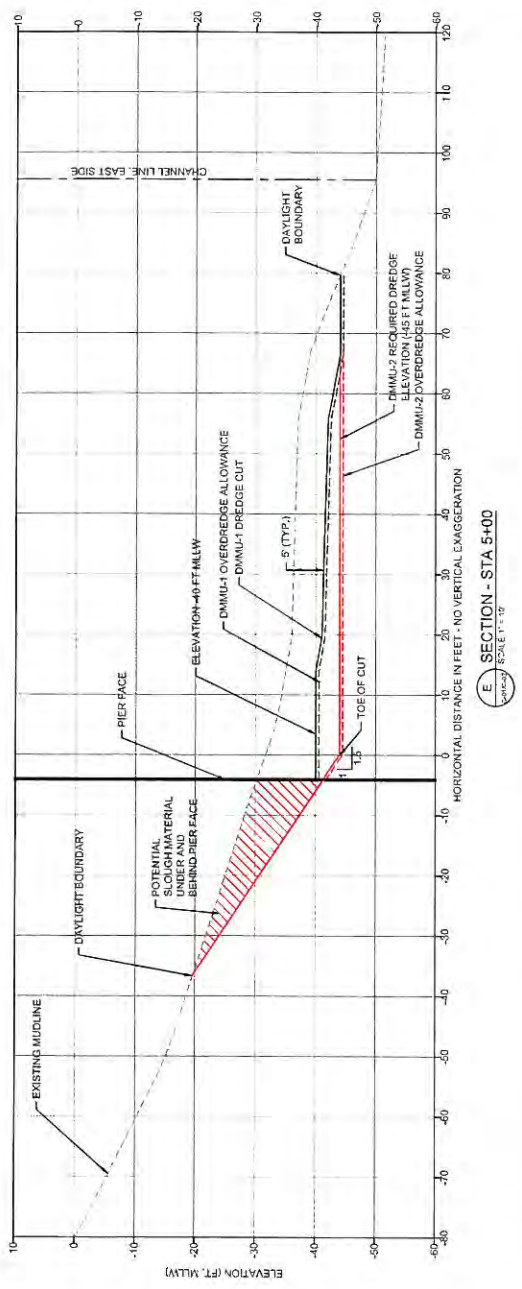
DREDGE PLAN SECTIONS (2 OF 5)

C-04
 SHEET 7 OF 10

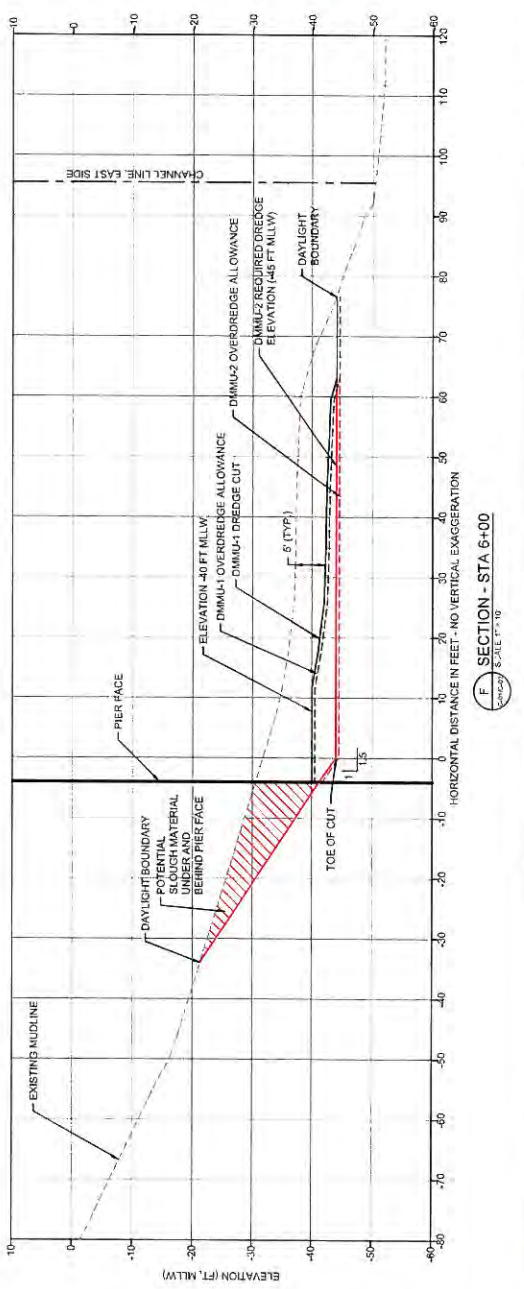
NWS-2015-634-WRD
Aug 20, 2015



DRAFT - NOT FOR CONSTRUCTION



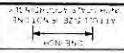
E SECTION - STA 5+00
SCALE 1" = 10'



F SECTION - STA 6+00
SCALE 1" = 10'

- LEGEND**
- EXISTING MUDLINE
 - DMMU-1 DREDGE CUT
 - DMMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - DMMU-2 DREDGE CUT
 - DMMU-2 OVERDREDGE ALLOWANCE (0.5 FT)
 - POTENTIAL SLOUGH AREA UNDER AID BEHIND PIER FACE
 - EXISTING PIER
 - FEDERAL NAVIGATION CHANNEL

- NOTES**
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE, SOUTH ZONE, NAD 83, U.S. FEET
 2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW)



C-05

**GEORGIA-PACIFIC TACOMA MARINE TERMINAL
DRAFT FINAL DESIGN**

DREDGE PLAN SECTIONS (3 OF 5)

REV	DATE	BY	INFO	DESCRIPTION

DESIGNED BY: J. JENSEN
DRAWN BY: S. JENSEN
CHECKED BY: J. JENSEN
APPROVED BY: J. JENSEN
SCALE AS SHOWN
DATE: 08/20/15

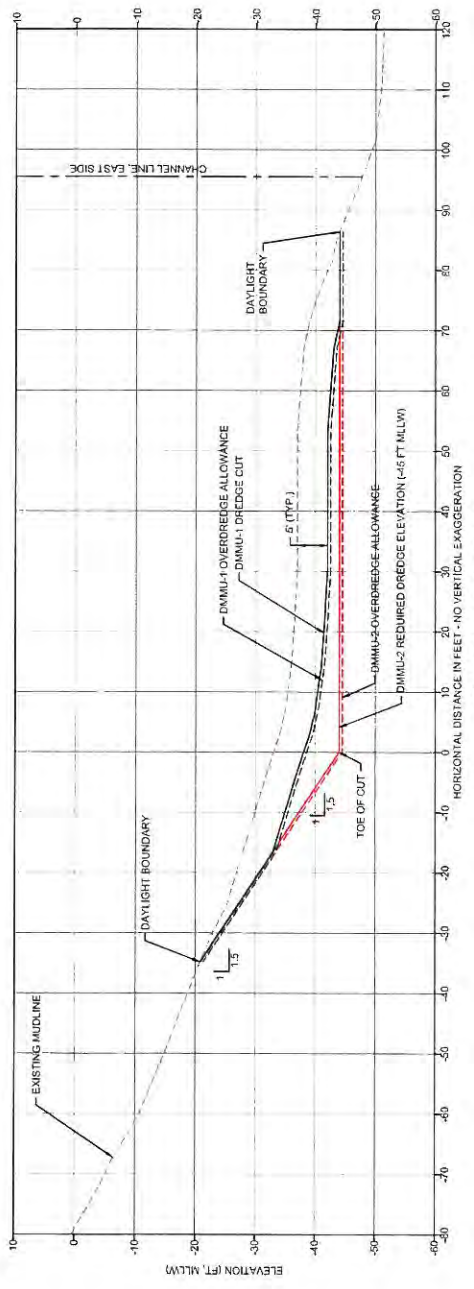
NWS-2015-634-WRD

Aug 20, 2015

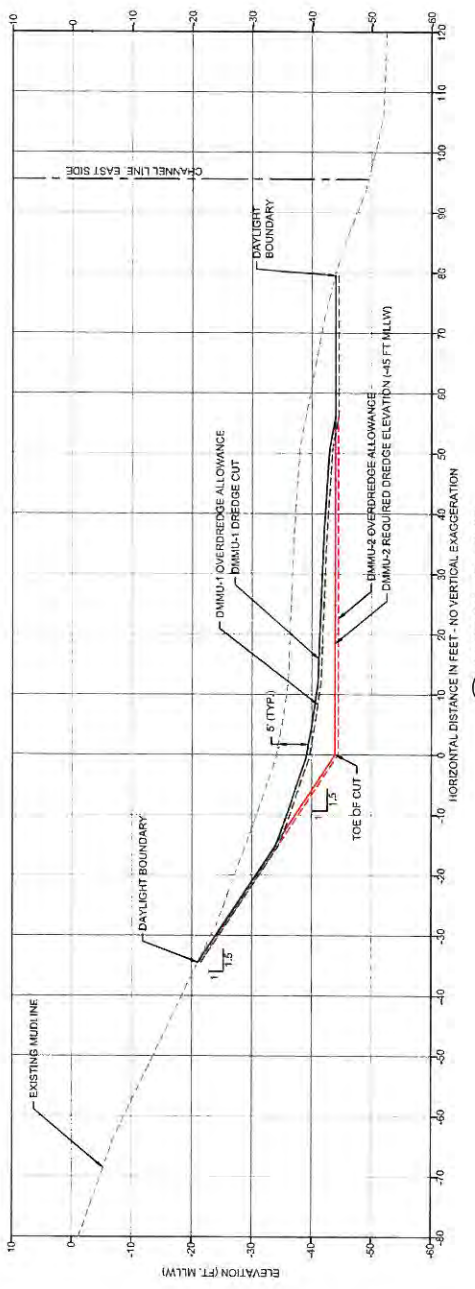
DRAFT - NOT FOR CONSTRUCTION

**ANCHOR
QEA**

Georgia-Pacific



G SECTION - STA 7+00
SCALE 1" = 10'



H SECTION - STA 8+00
SCALE 1" = 10'

- LEGEND**
- EXISTING MUDLINE
 - DIMMU-1 DREDGE CUT
 - DIMMU-1 OVERBERGE ALLOWANCE (0.5 FT)
 - DIMMU-2 DREDGE CUT
 - DIMMU-2 OVERBERGE ALLOWANCE (0.5 FT)
 - - - FEDERAL NAVIGATION CHANNEL

- NOTES**
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE SOUTH ZONE 14D 83, U.S. FEET.
 2. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW).

GEORGIA-PACIFIC TACOMA MARINE TERMINAL
DRAFT FINAL DESIGN

DESIGNED BY: J. DANIEL
DRAWN BY: J. DANIEL
CHECKED BY: J. DANIEL
APPROVED BY: J. DANIEL
SCALE AS NOTED
DATE: 2/21/2015

C-06

DREDGE PLAN SECTIONS (4 OF 5)

SHEET NO. 9 OF 10

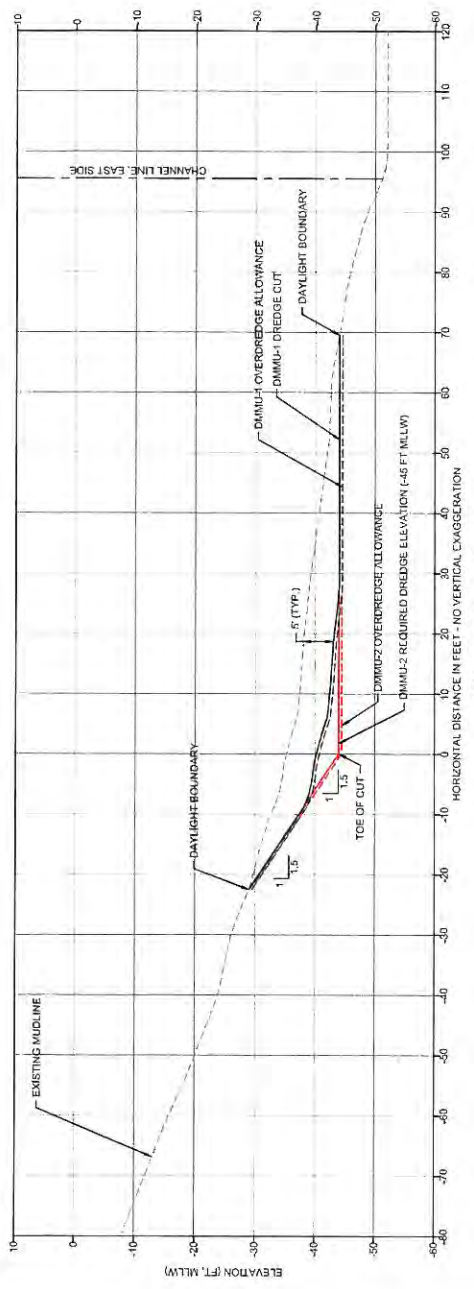
REV. DATE BY REVISION

NWS-2015-634-WRD
Aug 20, 2015

Georgia-Pacific

ANCHOR OEA

DRAFT - NOT FOR CONSTRUCTION



- LEGEND
- EXISTING MUDLINE
 - DMWU1 DREDGE CUT
 - DMWU1 OVERDREDGE ALLOWANCE (0.5 FT)
 - DMWU2 DREDGE CUT
 - DMWU2 OVERDREDGE ALLOWANCE (0.5 FT)
 - FEDERAL NAVIGATION CHANNEL

- NOTES
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE SOUTH ZONE, 1440.00 U.S. FEET
 2. VERTICAL DATUM: MEAN LOWER LOWWATER (MLLW).

DESIGNED BY: J. JAMES
 DRAWN BY: J. JAMES
 CHECKED BY: J. JAMES
 APPROVED BY: J. JAMES
 SCALE ASSIGNED:
 DATE: 08/20/15

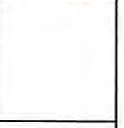
GEORGIA-PACIFIC TACOMA MARINE TERMINAL
 DRAFT FINAL DESIGN

DREDGE PLAN SECTIONS (5 OF 5)

C-07
 SHEETS 10 OF 10

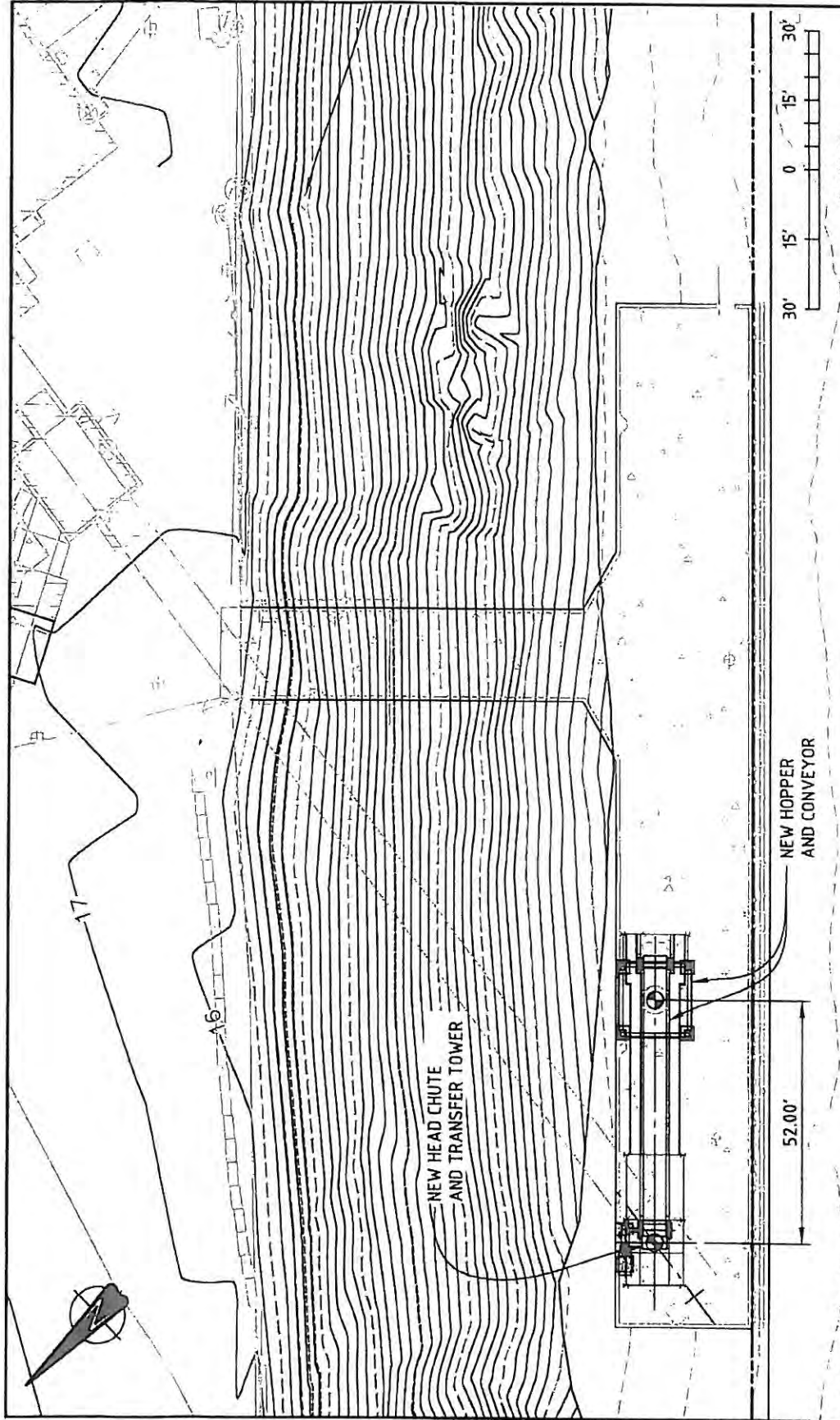
NWS-2015-634-WRD
 Aug 20, 2015

REV	DATE	BY	APP'D	DESCRIPTION



DRAFT - NOT FOR CONSTRUCTION

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 USER NAME: tsahanes
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 PLOT DATE & TIME: 6/7/2015 2:08:42 PM
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LEGAL DESCRIPTION:
 S-T-R: S35,T24N,R03W WM
 TAX PARCEL # 0321352061
 COUNTY: PIERCE
 STATE: WA

PROPOSED PROJECT: MARINE TERMINAL UPGRADE
NWS-2015-634-WRD **Aug 20, 2015**
 ADJACENT PROPERTY OWNERS:
 GRAYMONT
 PUYALLUP TRIBE OF INDIANS
 PROJECT COORDINATES: 47°16'9.72" N, 122°23'38.89" W

NOTE:
 MINOR ABOVE-WATER DOCK SAFETY
 REPAIRS TO BE PERFORMED AS NEEDED

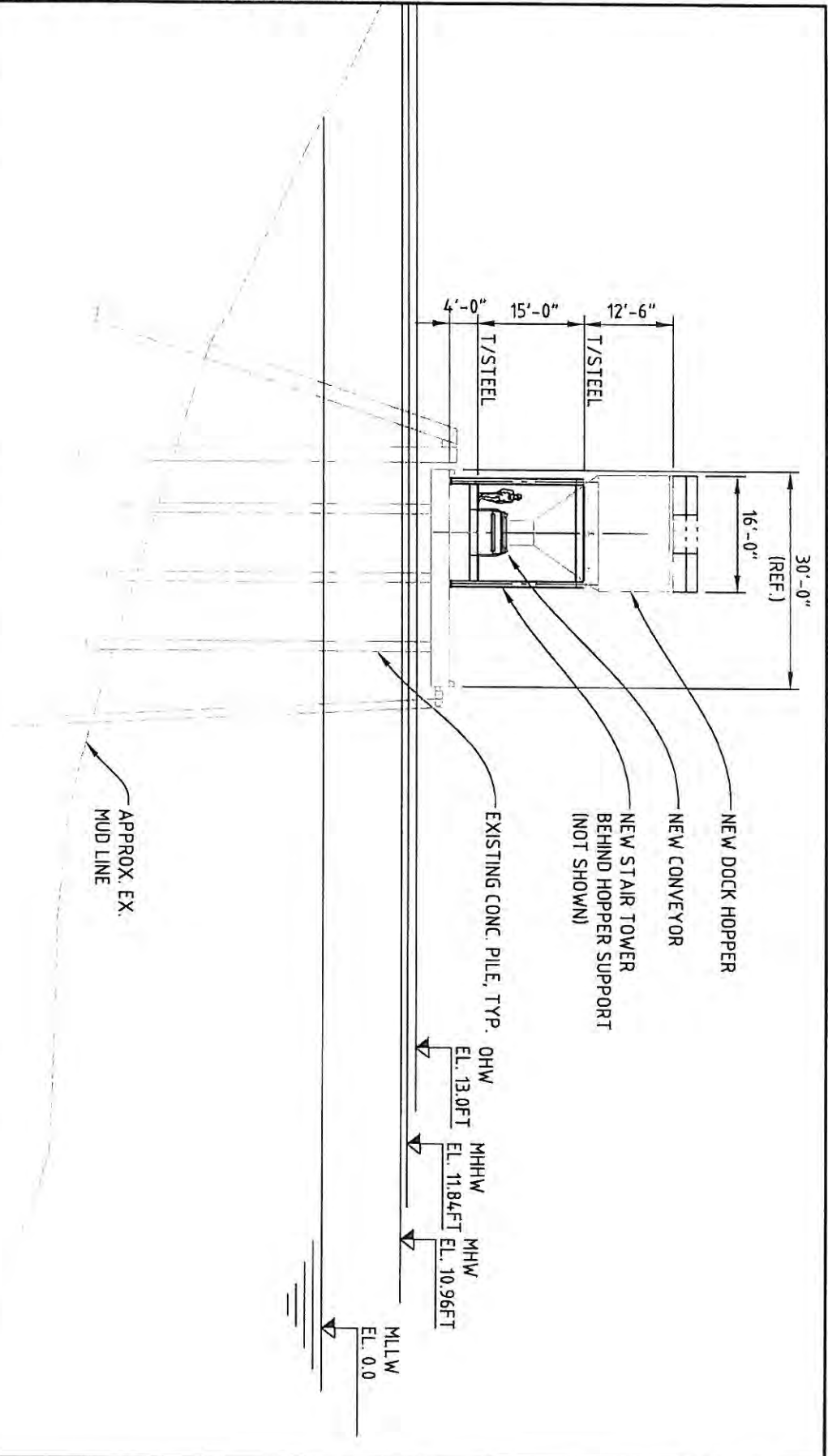
**FOR PERMIT
 APPLICATION ONLY**

PURPOSE: ALLOW VESSEL SERVICE W/OUT GROUNDING
RISK:
 IN: BLAIR WATERWAY AT: TACOMA
 COUNTY OF: PIERCE STATE OF: WA
 APPLICATION BY: GP GYPSUM LLC 1240 E. ALEXANDER
 AVE. TACOMA WA. 98421
 00030-EN-DAL-6107 DATE: 07/06/2015

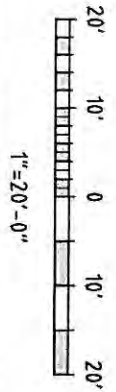
**GEORGIA-PACIFIC TACOMA
 MARINE TERMINAL DREDGE
 HOPPER & CONVEYOR PLAN**

This drawing is prepared for the use of the contractual customer of WorleyParsons Group and WorleyParsons Group assumes no liability to any other party for any representations contained in this drawing.

WorleyParsons
 CONSULTANTS



SECTION AT HOPPER



FOR PERMIT APPLICATION ONLY

LEGAL DESCRIPTION:
 S-T-R: S35.721N, R03W, WM
 TAX PARCEL # 0321352061
 COUNTY: PIERCE
 STATE: WA

PROPOSED PROJECT: MARINE TERMINAL UPGRADE
 NWS-2015-634-WRD
 Aug 20, 2015

PROJECT COORDINATES: 47°16'9.72"N, 122°23'38.89"W

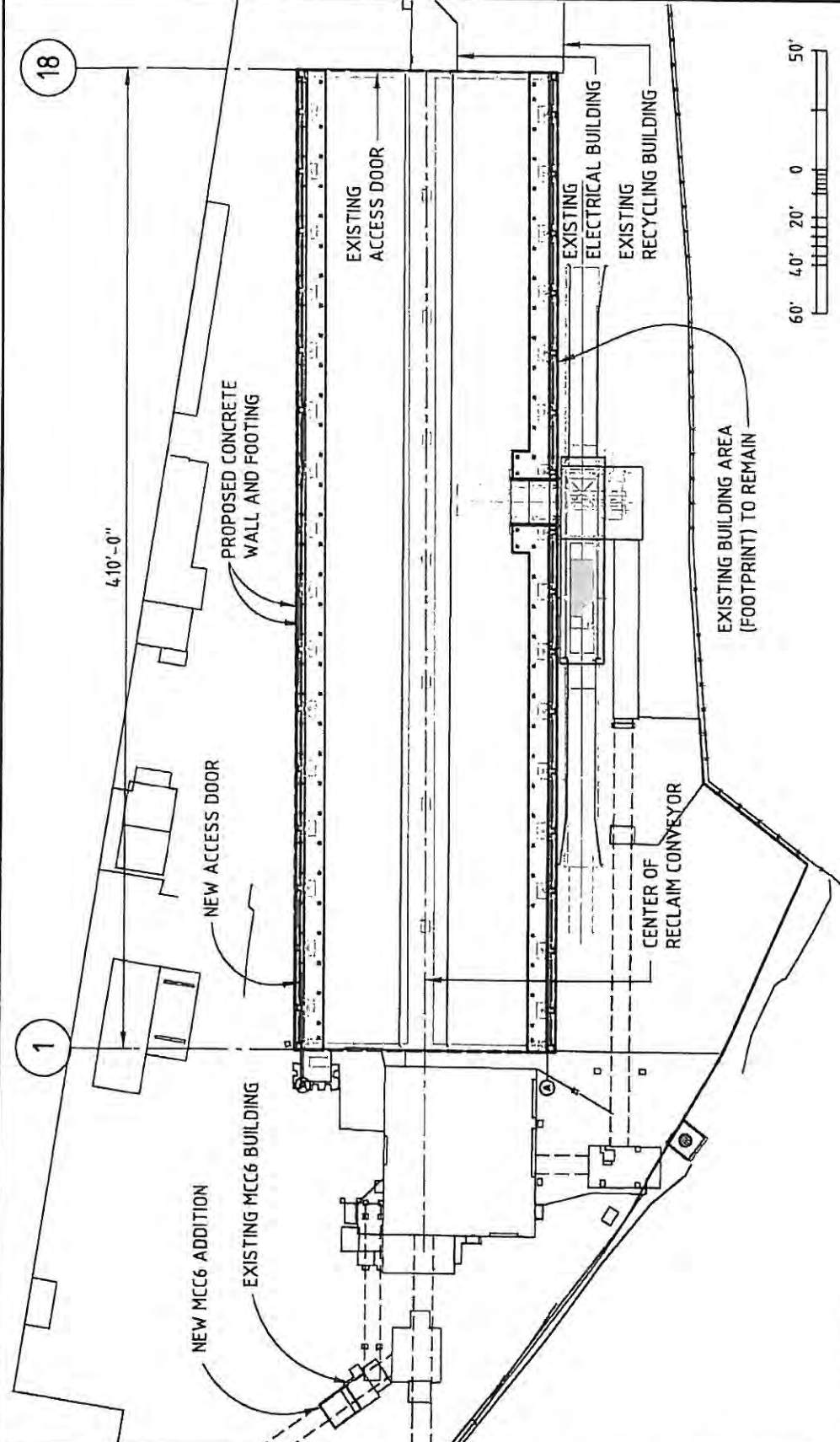
GEORGIA-PACIFIC TACOMA
 MARINE TERMINAL DREDGE
 DOCK SECTION

This drawing is prepared for the use of the contractual customer of
 Vertec/Parsons Group and Mod/Parsons Group assumes no liability to any
 other party for any representations contained in this drawing.



PURPOSE: REPAIR DOCK STRUCTURE AND ROCK
 STORAGE SHED IMPROVEMENTS.
 IN: BLAIR WATERWAY
 COUNTY OF: PIERCE
 APPLICATION BY: GP GYPSUM LLC 1240 E. ALEXANDER
 AVE. TACOMA WA. 98421
 DATE: 07/21/2015

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LEGAL DESCRIPTION:
 S-T-R: S35, T21N, R03W WM
 TAX PARCEL # 0321352061
 COUNTY: PIERCE
 STATE: WA

PROPOSED PROJECT: MARINE TERMINAL UPGRADE
NWS-2015-634-WRD
Aug 20, 2015
 PROJECT COORDINATES: 47°16'9.72"N, 122°23'38.89"W

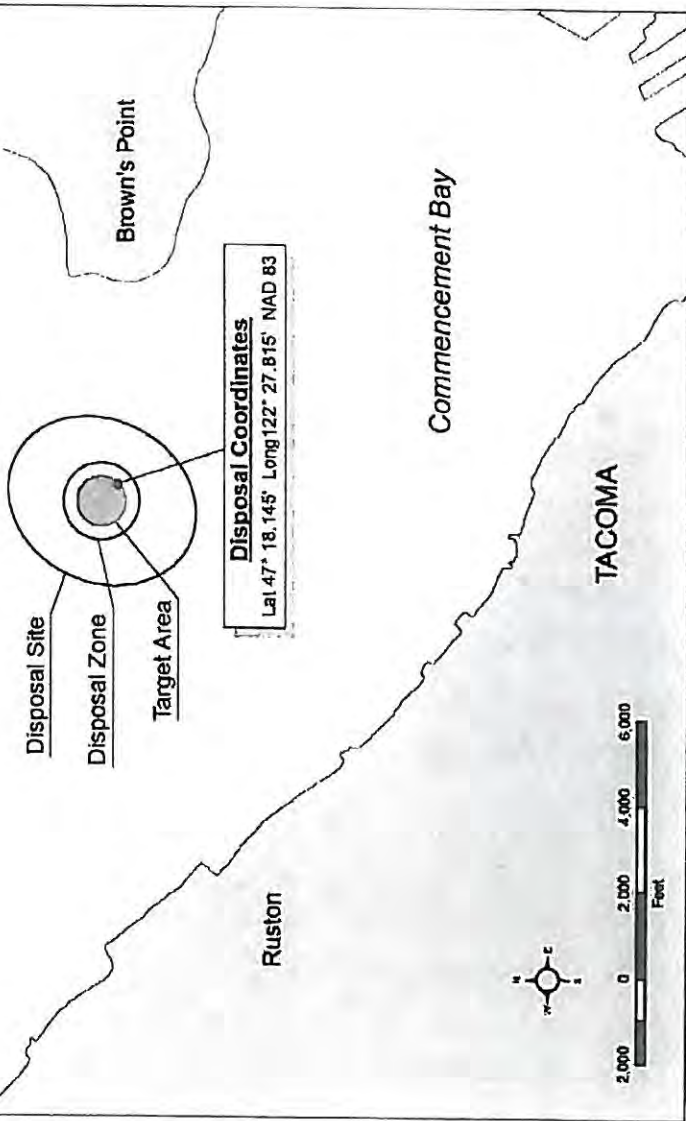
FOR PERMIT APPLICATION ONLY

PURPOSE: REPAIR DOCK STRUCTURE AND ROCK STORAGE SHED IMPROVEMENTS.
 IN: BLAIR WATERWAY AT: TACOMA
 COUNTY OF: PIERCE STATE OF: WA
 APPLICATION BY: GP GYPSUM LLC 1240 E. ALEXANDER AVE. TACOMA, WA. 98621
 00030-EN-DAL-7100 DATE: 06/30/2015

GEORGIA-PACIFIC TACOMA
 MARINE TERMINAL DREDGE
 MODIFIED ROCK STORAGE AND MCC6 ROOM PLAN

WorleyParsons
WorleyParsons Group and WorleyParsons Group assumes no liability to any other party for any representations contained in this drawing.

Commencement Bay Disposal Site
 TYPE: Nondispersive
 AREA: 310 DEPTH: 540-560 ft.
 SITE DIMENSIONS: 4600 ft. by 3800 ft, Ellipsoid
 DISPOSAL ZONE: 1800 ft. Diameter Circle
 TARGET AREA: 1200 ft. Diameter Circle
 BARGE POSITIONING METHOD: VTS



LEGAL DESCRIPTION:
 S-T-R: S35,T21N,R03W WM
 TAX PARCEL # 0321352061
 COUNTY: PIERCE
 STATE: WA

FOR PERMIT APPLICATION ONLY

PURPOSE: ALLOW VESSEL SERVICE W/OUT GROUNDING RISK.
 IN: BLAIR WATERWAY AT: TACOMA
 COUNTY OF: PIERCE STATE OF: WA
 APPLICATION BY: GP GYPSUM LLC 1240 E. ALEXANDER AVE. TACOMA WA. 98421
 00030-EN-DAL-6106 DATE: 06/30/2015

GEORGIA PACIFIC TACOMA
 MARINE TERMINAL DREDGE
 DMMU2 DISPOSAL SITE

This drawing is prepared solely for the use of the contractor. WorleyParsons Vachear Corporation assumes no liability for any other party for any representations contained in this drawing.

WorleyParsons
INCORPORATED

PROPOSED PROJECT: MARINE TERMINAL UPGRADE
NWS-2015-634-WRD
Aug 20, 2015
 PROJECT COORDINATES: 47°16'9.72"N, 122°23'38.89"W