



This notice of authorization must be
conspicuously displayed at the site of work.

United States Army Corps of Engineers
Baltimore District

19 **AUG 10 2012**

A permit to construct pier facilities and bulkhead; to install mooring
field, barges, and floating wetlands.

at in the Washington Channel along Water Street and Ohio Drive, SW,
Washington, DC.

has been issued to Victor Hoskins-Office of the on 19 **AUG 10 2012**
Deputy Mayor for Planning & Economic Development

Address of Permittee 1350 Pennsylvania Avenue, NW, Ste. 317,
Washington, DC 20004

Permit Number 2011-00766

CENAB-OP-RMS (SOUTHWEST WATER-
FRONT REDEVELOPMENT/THE WHARF)

Kathy Anderson
KATHY B. ANDERSON

Chief, MD Section Southern

for the **District Commander**

ENG FORM 4336, Jul 81 (33 CFR 320-330) EDITION OF JUL 70 MAY BE USED

(Proponent: CECW-O)

ZONING COMMISSION
District of Columbia
CASE NO.11-03F
EXHIBIT NO.2D



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

AUG 10 2012

Operations Division

Office of the Deputy Mayor for
Planning and Economic Development
ATTN: Mr. Victor Hoskins
1350 Pennsylvania Avenue NW, Suite 317
Washington DC 20004

Dear Mr. Hoskins:

This is in reference to the status of your Department of the Army (DA) permit, **2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/THE WHARF)**. This office is in receipt of your required fee and the signed copy of the permit indicating your acceptance of its terms and conditions and approved jurisdictional determination associated with the permit.

Enclosed is your permit that has been date stamped and validated with the appropriate District signatures. Also, enclosed is a yellow card, ENG FORM 4336, which must be conspicuously displayed at the site of work prior to commencement of construction.

You may proceed with the construction indicated therein, provided you have obtained all other required state and/or local authorizations.

A copy of this package is being forwarded to NOAA-Silver Spring, National Park Service, Federal Aviation Administration, U.S. Coast Guard, District of Columbia Department of the Environment, District of Columbia State Historic Preservation Office, Washington Metropolitan Area Transit Authority, and District of Columbia Harbor Police for informational purposes.

If you have any questions concerning this matter, please call Mr. Woody Francis of this office at (410) 962-5689 or at Woody.Francis@usace.army.mil.

Sincerely,

Kathy B. Anderson
Chief, Maryland Section Southern

Enclosures



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

JUL 31 2012

Operations Division

Government of the District of Columbia
Office of the Deputy Mayor for Planning and Economic Development
ATTN: Mr. Victor Hoskins
1350 Pennsylvania Avenue NW, Suite 317
Washington, DC 20004

Dear Mr. Hoskins:

This is in reference to your application for a Department of the Army (DA) permit, NAB-2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/THE WHARF) dated March 11, 2011. Enclosed is an initial proffered permit and an approved jurisdictional determination.

You are hereby informed that H. R. 2297 SEC. 4. PROJECT FOR NAVIGATION, WASHINGTON CHANNEL, DISTRICT OF COLUMBIA deauthorized the portion of the project for navigation of the Corps of Engineers at Potomac River, Washington Channel, District of Columbia, as authorized by the Act of August 30, 1935 (chapter 831; 49 Stat. 1028) is deauthorized as described: the deauthorized portion of the project for navigation is as follows: Beginning at Washington Harbor Channel Geometry Centerline of the 400-foot-wide main navigational ship channel, Centerline Station No. 103+73.12, coordinates North 441948.20, East 1303969.30, as stated and depicted on the Condition Survey Anacostia, Virginia, Washington and Magazine Bar Shoal Channels, Washington, DC, Sheet 6 of 6, prepared by the United States Army Corps of Engineers, Baltimore District, July 2007; thence departing the aforementioned centerline traveling the following courses and distances: N. 40 degrees 10 minutes 45 seconds E., 200.00 feet to a point, on the outline of said 400-foot-wide channel thence binding on said outline the following 3 courses and distances: S. 49 degrees 49 minutes 15 seconds E., 1,507.86 feet to a point, thence; S. 29 degrees 44 minutes 42 seconds E., 2,083.17 feet to a point, thence; S. 11 degrees 27 minutes 04 seconds E., 363.00 feet to a point, thence; S. 78 degrees 32 minutes 56 seconds W., 200.00 feet to a point binding on the centerline of the 400-foot-wide main navigational channel at computed Centerline Station No. 65+54.31, coordinates North 438923.9874, East 1306159.9738, thence; continuing with the aforementioned centerline the following courses and distances: N. 11 degrees 27 minutes 04 seconds W., 330.80 feet to a point, Centerline Station No. 68+85.10, thence; N. 29 degrees 44 minutes 42 seconds W., 2,015.56 feet to a point, Centerline Station No. 89+00.67, thence; N. 49 degrees 49 minutes 15 seconds W., 1,472.26 feet to the point of beginning, the area in total containing a computed area of 777,284 square feet or 17.84399 acres of riparian water way. Public Law 112-143 was signed July 9, 2012.

Please be aware that your project location is within the vicinity of an authorized federal navigation project that may be subject to periodic maintenance dredging. In accordance with 33 CFR 320.4, the United States will in no case be held liable for any damage or injury to the

structures or work authorized under Section 10 of the Rivers and Harbors Act of 1899, or Section 404 of the Clean Water Act which may be caused by, or result from, future operations undertaken by the Government for the conservation or improvement of navigation or for other purposes, and no claims or right to compensation will accrue from any such damage. Also, if future operations by the United States require the removal, relocation, or other alteration of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, the authorized structures or work shall cause unreasonable obstruction to free navigation of navigable waters, you may be required to remove, relocate, or alter the structural work or obstructions, without expense to the United States, and no claims or right to compensation will accrue from any such request.

You are requested to indicate your acceptance of the terms and conditions set forth in the enclosed permit by placing your signature and the date on the permit where indicated. Please note that on March 28, 2000, the final rule was established for an administrative appeal process for the Regulatory Program of the Corps of Engineers for approved jurisdictional determinations (JD), permit denials, and declined individual permits. Enclosed you will find a Notification of Administrative Appeal Options and Process (NAO/NAP) fact sheet and Request for Appeal (RFA) form. You may accept or object to this initial proffered permit.

To accept this initial proffered, you may sign the permit document and return the signed and dated permit to this office for final authorization. Your signature on this permit or undertaking any activity in reliance on a Corps permit authorization means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions.

Upon receipt of the signed permit, the permit will be validated with the appropriate District signature and returned to you. Failure to submit a copy of the signed permit and initiating the work before receiving the validated permit from the District, could result in Federal enforcement proceedings. You are also advised that you are responsible for obtaining all other required state and/or local authorizations before starting construction on any of the work approved by this DA permit.

To object to the permit because of certain terms and conditions therein, a letter outlining your objections to this initial proffered permit, including any additional information to clarify your objections, must be received by our District Engineer at the address below by **OCT 01 2012** or you will forfeit your right to appeal the permit in the future. The letter must be mailed to the following address:

Commander, Baltimore District
U.S. Army Corps of Engineers
Attn: CENAB-OP-R
P.O. Box 1715
Baltimore, Maryland 21203-1715

Please note that if you decline this initial proffered individual permit, you do not have a valid permit to conduct regulated activities in waters of the United States, and must not begin construction of the work requiring a Corps permit unless and until you receive and accept a valid Corps permit.

If we do not receive the signed permit, or a letter indicating your objections to the DA permit by OCT 01 2012, we will assume you are no longer interested in the project and we will withdraw your application. The original application and plans will be returned to you and, if at a later date, you want to pursue the project again, you may resubmit your application.

This letter also contains an approved jurisdictional determination. Those areas indicated as waters of the United States, including jurisdictional wetlands shown within the review area on the enclosed drawing dated June 2012 are regulated by this office pursuant to Section 10 of the River and Harbor Act of 1899 and/or Section 404 of the Clean Water Act. Enclosed is an Approved Jurisdictional Determination form that outlines the basis of our determination of jurisdiction over the review area noted above. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR 331. If you request to appeal this determination, you must submit a completed RFA form to the North Atlantic Division Office at the following address:

Regulatory Appeals Review Officer
North Atlantic Division
U.S. Army Corps of Engineers
Fort Hamilton Military Community
General Lee Avenue, Building 301
Brooklyn, NY 11252-6700

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by OCT 01 2012.

It is not necessary to submit an RFA form to the Division office if you do not object to the determination in this letter.

This approved jurisdictional determination associated with this permit is valid for five years from the date of this letter or until the Corps permit expiration date, whichever is less, unless new information warrants a revision before the expiration date, or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

Enclosed is a compliance self-certification form. Upon completion of the authorized work and required mitigation, you are required to complete the enclosed compliance certification form and return it to the address indicated thereon.

A copy of this letter is being furnished to District of Columbia Department of the Environment for informational purposes. If you have any questions concerning this matter, please call Mr. Woody Francis, of this office, at (410) 962-5689.

Sincerely,

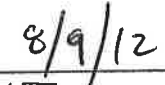


Kathy B. Anderson
Chief, Maryland Section Southern

Enclosures

I have read and understand the terms and conditions in this letter and permit. I agree to perform this work as specified.



SIGNATURE

DATE

To identify how we can better serve you, we need your help. Please take the time to fill out our new customer service survey at: <http://www.nab.usace.army.mil/Wetlands%20Permits/>



DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

DEPARTMENT OF THE ARMY PERMIT

Application Name and Permit Number: **2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/THE WHARF)**

Issuing Office:

U.S. Army Engineer District, Baltimore
Corps of Engineers
P.O. Box 1715
Baltimore, MD 21203

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Market Pier and Docks: To construct a fixed 45-foot wide by 130-foot long concrete pier supported by approximately thirty 24-inch square concrete support piles with approximately eighteen 12-inch fender piles; to install various-sized, temporary, tensile structures; to install two 4-foot wide by 80-foot long gangways and one 10-foot wide by 20-foot long gangway landing; to install a 10-foot wide by 207-foot long floating pier connecting two floating pier extensions including Dock A - a 10-foot wide by 324-foot long floating pier with an 8-foot wide by 45-foot long "L" head, a 4-foot wide by 47-foot long finger pier, a 4-foot wide by 52-foot long finger pier, a 4-foot wide by 54-foot long finger pier, a 4-foot wide by 57-foot long finger pier, a 4-foot wide by 60-foot long finger pier, a 4-foot wide by 62-foot long finger pier, and a 5-foot wide by 38-foot long utility platform and Dock B - an 8-foot wide by 335-foot long floating pier with two 4-foot wide by 35-foot long finger pier, five 4-foot wide by 45-foot long finger piers, and a 5-foot wide by 38-foot long utility platform, and including a 20-foot long by 20-foot wide floating landing with eight 2-foot diameter mooring piles; to install two 40-foot wide by 60-foot long, one 40-foot wide by 75-foot long, and one 20-foot wide by 80-foot long permanently moored barges at the Pier; and to install a 25-foot wide by 120-foot long permanently moored historic vessel at the Docks within a maximum of 414 feet channelward of the existing bulkhead.

Transit Pier: To construct a fixed 68 to 175-foot wide by 272-foot long concrete pier with a triangular landside end supported by approximately one hundred 24-inch square concrete support piles; to construct a two-story security and terminal building within a 2,040 square foot area on the pier; to install a perimeter floating dock system including a 12-foot wide by 569-foot long

floating pier with one 4-foot wide by 60-foot long gangway; and to install twenty-three 12-inch diameter fender piles within a maximum of 235 feet channelward of the existing bulkhead.

District Pier: To construct a fixed 55-foot wide by 456-foot long concrete pier supported by approximately one hundred and twenty-four 24-inch square concrete support piles; to construct a two-story Dock Master building within a 2,147 square foot area on the pier; to install various-sized, temporary, tensile structures on the pier; and to install approximately seventy-nine 12-inch diameter fender piles within a maximum of 460 feet channelward of the existing bulkhead.

Capital Yacht Club (CYC) and Marina: To construct an 8-foot to 27-foot wide by 355-foot long floating dock with a 27-foot wide by 55-foot long platform that includes an 8-foot wide by 27-foot long section, a 19-foot wide by 60-foot long section and a 6-foot wide by 6-foot long gangway platform, two 4-foot wide by 80-foot long gangways and three floating dock extensions including Dock A – an 8-foot wide by 375-foot long floating pier with an 8-foot wide by 108-foot long “T” head, a 5-foot wide by 21-foot 7-inch long utility platform, eighteen 4-foot wide by 40-foot long finger piers, thirteen 5-foot wide by 60-foot long finger piers, and one 5-foot wide by 55-foot long finger pier; Dock B – an 8-foot wide by 376-foot long floating pier with an 8-foot wide by 128-foot long “T” head, a 5-foot wide by 21-foot long utility platform, thirteen 5-foot wide by 55-foot long finger piers, one 5-foot wide by 50-foot long finger pier, and eleven 5-foot wide by 65-foot long finger piers; and Dock C – an 8-foot wide by 400-foot long floating pier with an 8-foot wide by 128-foot long “T” head, a 5-foot wide by 18-foot 6-inch long utility platform, twelve 5-foot wide by 70-foot long finger piers, one 5-foot wide by 55-foot long finger pier, one 4-foot wide by 45-foot long finger pier, and seventeen 4-foot wide by 50-foot long finger piers within a maximum of 457 feet channelward of the existing bulkhead; and to construct a 47-foot wide by 100-foot long concrete platform supported by approximately sixty-six 24-inch square concrete support piles and construct a two-story CYC building within a 2,960 square foot area on the platform within a maximum of 47 feet channelward of the existing bulkhead.

7th Street Pier and Overlook: To construct a fixed 45 to 120-foot wide by 419-foot long concrete and timber pier with an irregular shaped approximate 6 to 10-foot wide by 290-foot long lower elevation floating dock; to install a tensile structure within a 1,250 square foot area on the pier; to install one 5-foot wide by 80-foot long gangway; to construct a 15-foot 4-inch by 67-foot 7-inch concrete overlook platform, partially covered by a 25-foot wide wooden trellis supported on the Promenade; and to install one hundred and twenty-eight 24-inch square concrete support piles for the fixed pier within a maximum of 420 feet channelward of the existing bulkhead.

Gangplank Marina: To construct a 10-foot wide by 715-foot long and a 12-foot wide by 154-foot long floating dock with four 4-foot wide by 60-foot long gangways and two 4-foot wide by 80-foot long gangways; to install a 30-foot wide by 40-foot long, a 20-foot wide by 103-foot long and a 35-foot wide by 40-foot long permanently moored barge; to construct the following docks: Dock A – a 10-foot wide by 515-foot long floating pier with one 10-foot wide by 80-foot long finger pier and a 20-foot wide by 52-foot 3-inch long gangway landing; Dock B – a 10-foot wide by 415-foot long floating pier with an irregular-shaped 20-foot wide by 30-foot long utility platform; Dock C – to install an 8-foot wide by 265-foot long floating pier with six 4-foot wide by 45-foot long finger piers, six 4-foot wide by 40-foot long finger piers, and one 8-foot wide by 93-foot long “T” head; Dock D – an 8-foot wide by 265-foot long floating pier with twelve 4-

foot wide by 45-foot long finger piers and one 8-foot wide by 98-foot long "T" head; Dock E – a 10-foot wide by 290-foot long floating pier with two 5-foot wide by 55-foot long finger piers, two 5-foot wide by 60-foot long finger piers, and one 8-foot wide by 60-foot long "L" head; Dock F – a 10-foot wide by 52-foot 4-inch long floating pier; Dock G – an 8-foot wide by 546-foot long floating pier with fourteen 4-foot wide by 40-foot long finger piers, fourteen 4-foot wide by 45-foot long finger piers, two 5-foot wide by 35-foot long utility platforms, one 10-foot wide by 40-foot long floating platform, and one 8-foot wide by 93-foot long "T" head; Dock H – an 8-foot wide by 599-foot long floating pier with one irregular-shaped 30-foot wide by 50-foot long floating platform totaling 1,500 square feet, fifteen 4-foot wide by 45-foot long finger piers, thirteen 5-foot wide by 50-foot long finger piers, a 5-foot wide by 35-foot long and a 5-foot wide by 50-foot long utility platform, and one 8-foot wide by 103-foot long "T" head; Dock I – a 10-foot wide by 150-foot long floating pier with four 3-foot wide by 30-foot long finger piers and one 8-foot wide by 30-foot long "L" head; Dock J – a 10-foot wide by 164-foot long floating pier with four 3-foot wide by 35-foot long finger piers and a triangular-shaped utility platform, 30-feet along each side; Dock K – an 8-foot wide by 255-foot long floating pier with six 4-foot wide by 40-foot long finger piers, six 4-foot wide by 45-foot long finger piers, one 10-foot wide by 40-foot long utility platform, and one 8-foot wide by 93-foot long "T" head; Dock L – an 8-foot wide by 255-foot long floating pier with eleven 4-foot wide by 45-foot long finger piers, eleven 5-foot wide by 50-foot long finger piers, one 12-foot wide by 45-foot long utility platform, and one 8-foot wide by 103-foot long "T" head; Dock M – a 10-foot wide by 280-foot long floating pier with two 5-foot wide by 50-foot long finger piers, one 5-foot wide by 55-foot long finger pier, and one 10-foot wide by 55-foot long utility platform; Dock N – a 12-foot wide by 596-foot long floating pier with three 3-foot wide by 35-foot long finger piers with fueling dock facilities on the pier at the intersection of Docks M and N, within a maximum of 620 feet channelward of the existing bulkhead; and to construct a 60-foot wide by 110-foot long concrete platform supported by thirty 24-inch square concrete piles; to construct a multi-purpose two-story Gangplank Marina building within a 4,500 square foot area on the platform within a maximum of 60 feet channelward of the existing bulkhead; and to renovate the existing deteriorating Gangplank Marina Service Center and platform, in place, within a maximum of 42 feet channelward of the existing bulkhead.

Pier 3: To renovate the existing deteriorated Pier 3 structure and two 2-story buildings, in the same roofline footprint, within an approximate 10,440 square foot area on the pier that extends a maximum of 200 feet channelward of the existing bulkhead.

Pier 4: To renovate, including adding a second story to the existing deteriorating Pier 4 structure and building, in the same roofline footprint, to install two rows of five 3-foot diameter mooring piles with connecting 3-foot wide by 255-foot long and 3-foot wide by 250-foot long catwalk systems extending from the outboard end; and to construct an approximate 40-foot wide by 40-foot long, 1,540 square foot area, high freeboard floating dock landing with 3 timber fender piles, a 4-foot wide by 80-foot long gangway, and two 4-foot wide by 30-foot long moveable gangways within a maximum of 560 feet channelward of the existing bulkhead.

Mooring Field: To designate approximately 110,700 square feet, 2.54 acres, of mooring field within a maximum of 82 to 87 feet channelward of the existing bulkhead along the western shoreline, including installation of up to 15 single-point moorings, with spacing ranging from 85

to 110 feet within a maximum of approximately 58 to 65 feet channelward of the existing bulkhead.

Bulkhead: To construct 240 linear feet of replacement steel sheet pile bulkhead within a maximum of 18 inches channelward of the existing timber relieving platform structure; to repair 2,913 linear feet of existing steel and concrete bulkhead within a maximum of 18 inches channelward of the existing bulkhead; and to install timber fendering on the face of 640 linear feet of bulkhead.

Floating Wetlands: To install one 50 square foot, one 60 square foot, three 175 square foot, one 250 square foot, and four 500 square foot floating wetland structures totaling approximately 2,900 square feet within a maximum of 200 feet channelward of the existing bulkhead.

Construction Transition Plan: During the approximately two-year transition period, the existing 8-foot wide by 170-foot long floating dock with a 10-foot wide by 110-foot long "T" head and twenty-two 5-foot wide by 50-foot long finger piers CYC "B" dock would be temporarily relocated from the CYC to the end of the existing Gangplank "B" dock; the existing 8-foot wide by 170-foot long floating dock with a 10-foot wide by 110-foot long "T" head and twenty-two 5-foot wide by 50-foot long finger piers CYC "C" dock would be temporarily relocated from the CYC to the end of the existing Gangplank "C" dock; and the 4-foot wide by 60-foot long gangway would be relocated from the Gangplank "F" dock area to the area between the Gangplank "C" and "D" docks, all to extend a maximum of 340 feet channelward of the existing bulkhead.

All work is to be completed in accordance with the attached plans dated July 20, 2012.

Project Location:

In the Washington Channel along Water Street and Ohio Drive, SW, Washington, District of Columbia.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on December 31, 2022. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

7. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

The U.S. Code of Federal Regulations, Title 33, Subpart 64 states that all structures erected in navigable waters require obstruction lights unless the applicant is advised to the contrary by the Coast Guard District Commander. If the structures authorized by this permit are to be built in navigable waters, then you must contact the Commander (oan), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, Virginia, 23704, to ascertain the need for obstruction lights.

Special Conditions:

1. In addition to the general conditions, you must comply with the enclosed special conditions attached hereto and made a part hereof. (See Attachment #1)

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

- (X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
- () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law or to comply with the appropriate local critical area regulations.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. **Reevaluation of Permit Decision.** This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. **Extensions.** General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

 TK 8/9/12
 (PERMITTEE) (DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Issued for and in behalf of Colonel J. Richard Jordan, III

 William P. Seib 8.10.12
 William P. Seib Date
 Chief, Regulatory Branch

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEE)

(DATE)

**CENAB-OP-RMS 2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/
THE WHARF)**

SPECIAL CONDITIONS-ATTACHMENT #1

1. This authorization is not valid without the required Federal and local approvals, as applicable, including the U.S. Department of the Interior National Park Service (NPS) and the Water Quality Certification (WQC) from the District Department of the Environment (DDOE).
 - a. The NPS is the appropriate agency to review projects proposed in the Potomac River, including the Washington Channel, within the boundaries of the District of Columbia. The NPS can be contacted at the following:

Ms. Georgeann Smale
Right of Way Permits
National Park Service - National Capital Region
1100 Ohio Drive, SW
Washington DC 20242
 - b. The DDOE is the appropriate agency to review projects proposed within the boundaries of the District of Columbia. The DDOE can be contacted at the following:

Water Quality Division
DC Department of the Environment
1200 First, NE, 6th Floor
Washington, DC 20002
2. Prior to commencement of the work authorized herein, the permittee must provide the Corps with a copy of the WQC and the NPS permit, as may be applicable, as confirmatory evidence that the permittee has acquired the necessary approvals for the in-water work as authorized.
3. Prior to commencement of the authorized work, the permittee must contact the USCG, address below, to ascertain the need for obstruction lights as may be required pursuant to U.S. Code of Federal Regulations, Title 33, Subpart 64, which stipulates that all structures erected in navigable waters, require obstruction lights, unless the applicant is advised to the contrary by the USCG District Commander.

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street
Portsmouth, Virginia, 23704
Email address: Albert.L.Grimes@uscg.mil
Fax Number: (757) 398-6303

- a. Within 30 days of receipt and prior to commencement of the work, the permittee must provide the Corps with a copy of the determination issued by the USCG.
4. Prior to commencement of the authorized work, the permittee must prepare and provide for United States Coast Guard (USCG) approval (address below), a Private Aids to Navigation Application (CG-2554), a copy of which is enclosed. The form can also be found at this link: http://www.uscg.mil/forms/cg/CG_2554.pdf. The information must include the location of the mooring structures, swing radius and description of vessels that could utilize the mooring facilities. The permittee must mark the District Pier with no less than three, slow flashing amber (yellow) lights of sufficient intensity to have an operational range of one nautical mile and the placement of lights should begin at the channelward end with the additional lights placed at approximately 100 foot intervals.

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: Mr. Albert Grimes
Email Address: Albert.L.Grimes@uscg.mil
Fax Number: (757) 398-6303

- a. Within 10 days of receipt of the aids to navigation approval issued by the USCG and prior to commencement of the authorized work, the permittee must provide the Corps with a copy of the USCG approval.
5. At least three weeks in advance of each of the project start dates, the permittee must provide coordinates (latitude and longitude) for all perimeter corners of the work area, including location of work; description of activities; the type of construction equipment to be used; and the expected duration of the work in the waterway to the USCG, and request that a Local Notice to Mariners (LNM) be issued, as appropriate, regarding the authorized work. This written request can be done either by e-mail, letter or fax to:

Commander (dpw)
Fifth Coast Guard District
431 Crawford Street, Room 100
Portsmouth, VA. 23704-5504
Attn.: LNM
Email address: William.R.Jones@uscg.mil
Fax Number: (757) 398-6303

- a. No authorized work may commence until this required USCG LNM has been issued by the USCG, identifying the location and schedule for commencement of the each phase of the approved work.
- b. No authorized work may commence until the permittee informs the Corps in writing, with the date that the USCG publishes the LNM for each phase of the approved work.

6. At least three weeks in advance of the proposed project start date, the permittee must provide coordinates (latitude and longitude) for all perimeter corners of the approved structures and other pertinent facility information to the National Ocean Service (NOS). Your notification must include your approved permit drawings showing the location and configuration of the activity and/or other information as may be required by NOS. This written notification can be done either by letter or fax to:

NOAA, National Ocean Survey
Marine Chart Division
Nautical Data Branch (N/CS26)
Station 7350
1315 East West Highway
Silver Spring, Maryland 20910-3282
Attn: Chief, Nautical Data Branch
Telephone Number: (301) 713-2737 ext. 123
Fax Number: (301) 713-4516

7. The permittee must inform the Corps, in writing, 10 days prior to initiating construction on each phase of the project and/or future maintenance of the approved work. The information must include the approximate date that the project construction and/or maintenance activity is expected to commence.
8. The permittee must immediately remove any and all debris introduced into the waterway as a result of any demolition, construction and maintenance activities and must ensure that all debris is properly disposed.
9. All contractors using floating equipment to perform the authorized construction, demolition and/or maintenance must be equipped with bridge to bridge radio telephone equipment so they may communicate with passing vessels. The radio telephone equipment must operate on a single channel very high frequency (VHF), FM, on a frequency of 156.65 MHZ per second, with low power output having a communication range of approximately ten miles.
10. The permittee acknowledges the possibility that the structures permitted herein may be subject to damage by wave wash from passing vessels and/or ice flows within the waterway. The issuance of this permit does not relieve the permittee from taking all proper steps to insure the integrity of the structures permitted herein from damage by wave wash and/or ice flows, and the permittee shall not hold the United States liable for any such damage.
11. Within 30 days of the date of completion of each phase of the authorized project, the permittee must submit as-built plans, including latitude/longitude coordinates, of the channelward most points of each structure, to the Corps, USCG and NOS and must notify the Corps to coordinate a compliance site visit.

12. Upon receiving notification from the Corps, the permittee must immediately remove any and all authorized floating pier structures, mooring buoys and/or gear within the setbacks of the Washington Harbor Federal Navigation Channel project portion known as the Washington Channel, defined as within 75-feet measured horizontally from the established design edges of the Washington Channel when necessary to conduct maintenance or any other times as identified by the Corps.

- a. You must remain informed of the Washington Channel maintenance activities. When maintenance is proposed, a public notice announcing the work will be issued. Navigation Public Notices can be found at this link:
<http://www.nab.usace.army.mil/Navigation/pns.htm> . Navigation Branch can be contacted at the following:

Navigation Branch
U.S. Army Corps of Engineers, Baltimore District
P.O. Box 1715
Baltimore, Maryland 21203-1715
(410) 962-6016
(410) 962-4646

13. The permittee must clearly mark all floating wetland and mooring field/area structures and equipment with the permittee's name, address, phone number. These markings must be maintained to ensure they are readable and visible at all times for identification purposes. Mooring buoys used should be white with a blue horizontal band as prescribed and approved by USCG through a PATON process, as prescribed in Special Condition 4 above.
14. The permittee must install and maintain mooring buoys within the designated mooring area in such a way that the buoys, vessels moored within the mooring area, and the vessel swing radius does not encroach into the Federal Navigation Channel.
15. The permittee must install and maintain the mooring buoys within the mooring area in such a way that the buoys, vessels moored within the mooring area, and the vessel swing radius does not encroach into the designated elliptical shaped 500-600-foot diameter turning area.
16. Pier structures must be constructed in such a way that the vessels moored to the structures would not encroach into the Federal Navigation Channel.
17. The permittee must retrieve any dislodged or relocated materials or structures used to support the floating wetland and mooring field structures and restore their location within the permitted area as approved herein.
18. Within 48 hours after a substantial storm event (e.g. nor'easter, tropical storm, hurricane), the permittee must visually inspect the floating structures and mooring field structures to assess any storm damaged structures and/or equipment. Any damage noted and the number of lost and/or unrecoverable structures must be reported, in writing, to the Corps of Engineers within 48 hours of inspection. The permittee is required to search for and retrieve any missing structures to ensure that any structures do not affect safety on the waterway or

interfere with general navigation. Any wayward structures that are found outside the approved permit area as authorized, must either be re-located as authorized or, if structures are so damaged that they are no longer usable, be disposed of in accordance with the local ordinances.

19. The permittee acknowledges by acceptance of the permit terms and conditions that due to the close proximity of permitted work to a Federal navigation channel, the United States will in no case be held liable for any damage or injury to the structures, or work authorized under Section 10 of the Rivers and Harbors Act of 1899, and Section 404 of the Clean Water Act which may be caused by, or result from, future operations undertaken by the Government for the conservation or improvement of navigation or for other purposes, and that no claims or right to compensation will accrue from any such damage.
20. The permittee acknowledges by acceptance of the permit terms and conditions that due to the close proximity of the permitted work to the existing bulkhead on NPS property, in the event that bulkhead repairs or additional shoreline work is necessary to maintain the bulkhead or the shoreline, the mooring field must be temporarily relocated or removed to allow access to the NPS shoreline upon request by the NPS. The NPS can be contacted at the following:

National Mall and Memorial Parks
Attn: Ms. Eliza Voigt
900 Ohio Dr., SW
Washington DC 20024-2000
21. The permittee must maintain the work authorized herein, including aids to navigation, in good condition and in conformance with the terms and conditions of this permit.
22. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work must cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
23. Projects authorized under this permit shall not cause interference with navigation, and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to projects authorized hereto. Nothing shall in any way restrict the District Engineer, U.S. Army Engineer District, Baltimore, from exercising his legal authority to protect the public interest in navigation or from exercising his authority under the Navigation Servitude of the United States.

24. The District of Columbia Historic Preservation Office (DC SHPO) is the appropriate agency to manage the National Register eligible Lunch Room and Fish Cleaning Building/Oyster Shucking Shed. Therefore, the permittee must, in accordance with Section 106 of the Historic Preservation Act and local historic preservation legislation, coordinate plans for future phases of the authorized project; must ensure treatment of the Lunch Room and Fish Cleaning Building/Oyster Shucking Shed proceeds in accordance with required procedures under DC preservation law; and must ensure that the archeological testing, evaluation and identification of appropriate treatments for any National Register eligible resources will be carried out in consultation with the DC SHPO, in accordance with the DC SHPO letter dated March 16, 2012. The DC SHPO can be contacted at the following:

DC State Historic Preservation Office
Office of Planning
Attn: Mr. C. Andrew Lewis and Ms. Ruth Trocolli
1100 4th Street, SW, Suite E650
Washington, DC 20024
Email Address: andrew.lewis@dc.gov/ ruth.trocolli@dc.gov
Telephone Number: (202) 442-8841/(202) 442-8836]
Fax Number: (202) 442-7638

- a. Within 10 days of receipt of the applicable correspondence from the DC SHPO, the permittee must provide the Corps with a copy.
25. If any potential cultural resources, i.e. objects such as structural timbers, rigging, machinery, and glass, ceramic, and/or metal artifacts that could indicate the presence of a historic shipwreck or other potentially significant historic archeological site, or bone, stone and/or ceramic artifacts that could indicate the presence of a prehistoric archeological site, are identified during the construction and operation of the authorized project, that all activities immediately cease within 1,000 feet of discovery. Within 48 hours of discovery, Mr. C. Andrew Lewis [andrew.lewis@dc.gov, (202) 442-8841] and Ms. Ruth Trocolli [ruth.trocolli@dc.gov, (202) 442-8836] of DC SHPO must be contacted. All activities within 1,000 feet of the discovery must cease until written instructions are provided by the DC SHPO that detail both the steps that must be taken to assess the significance of the discovery and the steps that must be taken to protect it.
26. The Metropolitan Area Transit Authority (WMATA) is the appropriate agency to manage the existing WMATA Yellow Line subway tunnel under the Washington Channel. Therefore, the permittee must coordinate potential impacts to this tunnel that may result from project construction and maintenance of the District Pier, Transit Pier and bulkhead within the vicinity of the tunnel. The WMATA Office of Joint Development and Adjacent Construction can be contacted at the following:

WMATA Carmen Turner Facility
Attn: Mr. Joe Bundy, Adjacent Construction Engineer
3500 Pennsy Drive
Bldg C, Room C104

Landover, Maryland 20785
Email Address: JBundy@wmata.com
Telephone Number: (301) 618-1005
Fax Number: (301) 583-3006

27. The Federal Aviation Administration (FAA) is the appropriate agency to manage the existing FAA helicopter corridor H1 airspace over the Washington Channel. Therefore, the permittee must coordinate potential impacts to this corridor that may result from project construction and maintenance and must submit a Notice of Proposed Construction or Alteration (Form 7460-1), a copy of which is enclosed. This form can also be found at this link: <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>.

Form 7460-1 can be mailed to:

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76193

The FAA can be contacted at the following:

Federal Aviation Administration
Eastern Region
1 Aviation Plaza
Jamaica, New York 11434-4809
http://www.faa.gov/about/office_org/headquarters_offices/arc/ro_center/index.cfm?file_name=contact_us_eastern



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MD 21203-1715

SUBJECT: 2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/THE WHARF)

Name of Permittee: Government of the District of Columbia, Mr. Victor Hoskins

Date of Issuance:

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

US Army Corps of Engineers
Baltimore District
CENAB-OP-R
P.O. Box 1715
Baltimore, Maryland 21203-1715

Please note that your permitted activity is subject to compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Please complete the following information:

1. Date authorized work commenced: _____ 2. Date authorized work completed: _____

3. Was all work and any required mitigation, completed in accordance with your permit authorization, including all general and/or specific conditions? YES ___ NO ___

4. Explain in detail any deviations to the authorized work and/or mitigation (use additional sheets if necessary)

5. Wetland Mitigation: Required? YES ___ NO ___ Required Completion Date _____
Completed? YES ___ NO ___ Mitigation Monitoring Reports Required? YES ___ NO ___

6. Attach labeled photographs showing completed work including mitigation area(s).

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CENAB-OP-RMS 2011-00766 (SOUTHWEST WATERFRONT REDEVELOPMENT/ THE WHARF)

PROJECT LOCATION AND BACKGROUND INFORMATION:

State: D.C. County/parish/borough: City: Washington

Coordinates of site (lat/long in degree decimal format): Lat. N 38°52'51.33" Long. W 77°01'39.16"

Lat. N 38°52'27.41" Long W 77°01'14.57".

These coordinates represent the northernmost and southernmost data points along the bulkhead shoreline within the project limits, respectively.

Name of nearest waterbody: The Washington Channel

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: The Washington Channel is tidal navigable tributary to the Anacostia River, a nontidal and tidal tributary to the Potomac River, a nontidal and tidal navigable tributary to the Chesapeake Bay, a tidal navigable interstate waterway. The mouth of the Washington Channel is at the confluence of the Anacostia River and Potomac Rivers.

Name of watershed or Hydrologic Unit Code (HUC): Potomac River/020700

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 20 June 2012

☒ Field Determination. Date(s): 10 February 2012 and 9 May 2012

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There are "*navigable waters of the U.S.*" within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

☒ Waters subject to the ebb and flow of the tide.

☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain: .

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are "*waters of the U.S.*" within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area (check all that apply):¹

- ☒ TNWs, including territorial seas
- ☐ Wetlands adjacent to TNWs
- ☐ Relatively permanent waters² (RPWs) that flow directly or indirectly into TNWs
- ☐ Non-RPWs that flow directly or indirectly into TNWs
- ☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
- ☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
- ☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
- ☐ Impoundments of jurisdictional waters
- ☐ Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: The project area is approximately 47 acres.

Wetlands: acres.

¹ Boxes checked below shall be supported by completing the appropriate sections in Section III below.

² For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

c. **Limits (boundaries) of jurisdiction** based on: Approximate MHW shoreline/high tide line at the existing bulkheads along eastern and western shorelines.

Elevation of established OHWM (if known): .

2. **Non-regulated waters/wetlands (check if applicable):**³

- ☐ Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain: .

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. **TNW**

Identify TNW: Washington Channel

Summarize rationale supporting determination: The Washington Channel is a TNW which includes the Washington Harbor Federal Navigation Channel project portion known as the Washington Channel. The Washington Channel was originally a water navigation project authorized by Congress in 1935. The Washington Channel is located at the confluence of the Anacostia River and the Potomac Rivers with in Washington D.C. The northern most section of the Washington Channel is part of the Tidal Basin. The Washington Channel is close to Jefferson Memorial, Washington Monument, and other national monuments. Vessels using the waterway include canoes, kayaks, recreational watercraft, dinner cruise vessels, international sailing vessels, commercial vessels, various local transient vessels, and live-aboard vessels

2. **Wetland adjacent to TNW**

Summarize rationale supporting conclusion that wetland is "adjacent": .

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody⁴ is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. **Characteristics of non-TNWs that flow directly or indirectly into TNW**

(i) **General Area Conditions:**

Watershed size: **Pick List**

Drainage area: **Pick List**

Average annual rainfall: inches

Average annual snowfall: inches

³ Supporting documentation is presented in Section III.F.

⁴ Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

(ii) **Physical Characteristics:**

(a) **Relationship with TNW:**

- ☐ Tributary flows directly into TNW.
☐ Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.
Project waters are **Pick List** river miles from RPW.
Project waters are **Pick List** aerial (straight) miles from TNW.
Project waters are **Pick List** aerial (straight) miles from RPW.
Project waters cross or serve as state boundaries. Explain:

Identify flow route to TNW⁵:
Tributary stream order, if known:

(b) **General Tributary Characteristics (check all that apply):**

- Tributary is:** ☐ Natural
☐ Artificial (man-made). Explain:
☐ Manipulated (man-altered). Explain:

Tributary properties with respect to top of bank (estimate):

Average width: feet
Average depth: feet
Average side slopes: **Pick List**.

Primary tributary substrate composition (check all that apply):

- | | | |
|--|--|-----------------------------------|
| ☐ Silts | ☐ Sands | ☐ Concrete |
| ☐ Cobbles | ☐ Gravel | ☐ Muck |
| ☐ Bedrock | ☐ Vegetation. Type/% cover: | |
| ☐ Other. Explain: | | |

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain:

Presence of run/riffle/pool complexes. Explain:

Tributary geometry: **Pick List**

Tributary gradient (approximate average slope): %

(c) **Flow:**

Tributary provides for: **Pick List**

Estimate average number of flow events in review area/year: **Pick List**

Describe flow regime:

Other information on duration and volume:

Surface flow is: **Pick List**. Characteristics:

Subsurface flow: **Pick List**. Explain findings:

- ☐ Dye (or other) test performed:

Tributary has (check all that apply):

- | | |
|---|---|
| ☐ Bed and banks | |
| ☐ OHWM ⁶ (check all indicators that apply): | |
| ☐ clear, natural line impressed on the bank | ☐ the presence of litter and debris |
| ☐ changes in the character of soil | ☐ destruction of terrestrial vegetation |
| ☐ shelving | ☐ the presence of wrack line |
| ☐ vegetation matted down, bent, or absent | ☐ sediment sorting |
| ☐ leaf litter disturbed or washed away | ☐ scour |
| ☐ sediment deposition | ☐ multiple observed or predicted flow events |
| ☐ water staining | ☐ abrupt change in plant community |
| ☐ other (list): | |
| ☐ Discontinuous OHWM. ⁷ Explain: | |

⁵ Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

⁶ A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

⁷ Ibid.

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

- | | |
|--|--|
| ☐ High Tide Line indicated by: | ☐ Mean High Water Mark indicated by: |
| ☐ oil or scum line along shore objects | ☐ survey to available datum; |
| ☐ fine shell or debris deposits (foreshore) | ☐ physical markings; |
| ☐ physical markings/characteristics | ☐ vegetation lines/changes in vegetation types. |
| ☐ tidal gauges | |
| ☐ other (list): | |

(iii) **Chemical Characteristics:**

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Explain: .

Identify specific pollutants, if known: .

(iv) **Biological Characteristics. Channel supports (check all that apply):**

- ☐ Riparian corridor. Characteristics (type, average width): .
- ☐ Wetland fringe. Characteristics: .
- ☐ Habitat for:
 - ☐ Federally Listed species. Explain findings: .
 - ☐ Fish/spawn areas. Explain findings: .
 - ☐ Other environmentally-sensitive species. Explain findings: .
 - ☐ Aquatic/wildlife diversity. Explain findings: .

2. **Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW**

(i) **Physical Characteristics:**

(a) General Wetland Characteristics:

Properties:

Wetland size: . acres

Wetland type. Explain: .

Wetland quality. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain: .

Surface flow is: **Pick List**

Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

☐ Dye (or other) test performed: .

(c) Wetland Adjacency Determination with Non-TNW:

- ☐ Directly abutting
- ☐ Not directly abutting
 - ☐ Discrete wetland hydrologic connection. Explain: .
 - ☐ Ecological connection. Explain: .
 - ☐ Separated by berm/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List**.

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) **Chemical Characteristics:**

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) **Biological Characteristics. Wetland supports (check all that apply):**

- ☐ Riparian buffer. Characteristics (type, average width): .
- ☐ Vegetation type/percent cover. Explain: .
- ☐ Habitat for:
 - ☐ Federally Listed species. Explain findings: .
 - ☐ Fish/spawn areas. Explain findings: .
 - ☐ Other environmentally-sensitive species. Explain findings: .

☐ Aquatic/wildlife diversity. Explain findings: .

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately () acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

<u>Directly abuts? (Y/N)</u>	<u>Size (in acres)</u>	<u>Directly abuts? (Y/N)</u>	<u>Size (in acres)</u>
------------------------------	------------------------	------------------------------	------------------------

Summarize overall biological, chemical and physical functions being performed: .

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: .
2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .
3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
☒ TNWs: The project area is approximately 47 acres.
☐ Wetlands adjacent to TNWs: acres.
2. **RPWs that flow directly or indirectly into TNWs.**
☐ Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: .

- ☐ Tributaries of TNW where tributaries have continuous flow “seasonally” (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally:

Provide estimates for jurisdictional waters in the review area (check all that apply):

☐ Tributary waters: linear feet width (ft).

☐ Other non-wetland waters: acres.

Identify type(s) of waters: .

3. Non-RPWs⁸ that flow directly or indirectly into TNWs.

- ☐ Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

☐ Tributary waters: linear feet width (ft).

☐ Other non-wetland waters: acres.

Identify type(s) of waters: .

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.

- ☐ Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
- ☐ Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .
- ☐ Wetlands directly abutting an RPW where tributaries typically flow “seasonally.” Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.

- ☐ Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.

- ☐ Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. Impoundments of jurisdictional waters.⁹

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

- ☐ Demonstrate that impoundment was created from “waters of the U.S.,” or
- ☐ Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
- ☐ Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):¹⁰

- ☐ which are or could be used by interstate or foreign travelers for recreational or other purposes.
- ☐ from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
- ☐ which are or could be used for industrial purposes by industries in interstate commerce.

⁸See Footnote # 3.

⁹To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

¹⁰Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

- ☐ Interstate isolated waters. Explain: .
- ☐ Other factors. Explain: .

Identify water body and summarize rationale supporting determination:

Provide estimates for jurisdictional waters in the review area (check all that apply):

- ☐ Tributary waters: linear feet width (ft).
- ☐ Other non-wetland waters: acres.
- Identify type(s) of waters: .
- ☐ Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):

- ☐ If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
- ☐ Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
- ☐ Prior to the Jan 2001 Supreme Court decision in "*SWANCC*," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
- ☐ Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
- ☐ Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):

- ☐ Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- ☐ Lakes/ponds: acres.
- ☐ Other non-wetland waters: acres. List type of aquatic resource: .
- ☐ Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):

- ☐ Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
- ☐ Lakes/ponds: acres.
- ☐ Other non-wetland waters: acres. List type of aquatic resource: .
- ☐ Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- ☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Map and plans supplied by Moffatt & Nichol, agent, on behalf of the applicant District of Columbia's Office of the Deputy Mayor for Planning and Economic Development Application dated 15 March 2012 and final plans dated 20 July 2012.
- ☐ Data sheets prepared/submitted by or on behalf of the applicant/consultant.
- ☐ Office concurs with data sheets/delineation report.
- ☐ Office does not concur with data sheets/delineation report.
- ☐ Data sheets prepared by the Corps: .
- ☐ Corps navigable waters' study: .
- ☐ U.S. Geological Survey Hydrologic Atlas: .
- ☐ USGS NHD data.
- ☐ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: 7.5 Series, Washington D.C.-West
- ☐ USDA Natural Resources Conservation Service Soil Survey. Citation: .
- ☐ National wetlands inventory map(s). Cite name: .
- ☐ State/Local wetland inventory map(s): .
- ☐ FEMA/FIRM maps: .
- ☐ 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☐ Aerial (Name & Date): .
- or ☒ Other (Name & Date): Photos taken by the Corps during 10 February 2012 and 9 May 2012 boat trip site visits.
- ☐ Previous determination(s). File no. and date of response letter: .
- ☐ Applicable/supporting case law: .
- ☐ Applicable/supporting scientific literature: .
- ☒ Other information (please specify): The Rivers and Harbors Project Maps, Washington Harbor, Washington D.C. Map 101 revised 1985.

B. ADDITIONAL COMMENTS TO SUPPORT JD:

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL (NAO/NAP fact sheet & RFA form)

Applicant: Government of the District of Columbia		File Number: 2011-00766	Date: July 31, 2012
Attached is:		See Section below	
XX	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
	PERMIT DENIAL	C	
XX	APPROVED JURISDICTIONAL DETERMINATION	D	
	PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the Baltimore District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations (JD) associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the Baltimore District Engineer. Your objections must be received by the Baltimore District Engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the Baltimore District Engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the Baltimore District Engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the Baltimore District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the North Atlantic Division Engineer, ATTN: CENAD-PD-PSD-O, Fort Hamilton Military Community, Building 301, General Lee Avenue, Brooklyn, NY 11252-6700. This form must be received by the North Atlantic Division Engineer within 60 days of the date of this notice with a copy furnished to the Baltimore District Engineer.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Ms. Sandy Zelen
U.S. Army Corps of Engineers, Baltimore District
ATTN: CENAB-OP-R
Regulatory Branch, Baltimore District
Baltimore, MD 21203-1715
(410) 962-6028 or 3670

If you only have questions regarding the appeal process you may also contact:

Mr. Michael G. Vissichelli
Administrative Appeals Review Officer
North Atlantic Division, Corps of Engineers Fort Hamilton
General Lee Avenue , Military Community Bldg. 301
Brooklyn, NY 11252-6700
Telephone: (718) 765-7163
Email: Michael.G.Vissichelli2@usace.army.mil

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD CG 2554 (Rev. 03-03)		PRIVATE AIDS TO NAVIGATION APPLICATION <i>(See attached instructions and copy of Code of Fed. Reg., Title 33, Chap. 1, Part 66)</i>				Form Approved OMB-1625-0011				
NO PRIVATE AID TO NAVIGATION MAY BE AUTHORIZED UNLESS A COMPLETED APPLICATION FORM HAS BEEN RECEIVED (14 U.S.C. 133; 33 C.F.R. 166.01-5) ☐										
1. ACTION REQUESTED FOR PRIVATE AIDS TO NAVIGATION: A. ☐ ESTABLISH AND MAINTAIN B. ☐ DISCONTINUE C. ☐ CHANGE D. ☐ TRANSFER OWNERSHIP 2. DATE ACTION TO START										
3. AIDS WILL BE OPERATED: A. ☐ THROUGHOUT THE YEAR B. ☐ TEMPORARILY UNTIL C. ☐ ANNUALLY TO										
4. NECESSITY FOR AID (Continue in Block 8)		5. GENERAL LOCALITY		6. CORPS OF ENGINEERS AUTHORIZED THIS STRUCTURE OR BUOY BY ☐ PERMIT OR ☐ LETTER (file and date)						
7. APPLICANT WILL FILL IN APPLICABLE REMAINING COLUMNS										
FOR DISTRICT COMMANDERS ONLY										
LIGHT LIST NUMBER OR PAGE	NAME OF AID	NO. OR LTR. (7a)	LIGHT		POSITION (7e)	DEPTH OF WATER (7f)	CAN- DLE POWER (7g)	HT. ABOVE WATER (7h)	STRUCTURE TYPE, COLOR, AND HEIGHT ABOVE GROUND (7i)	REMARKS (See Instructions) (7j)
			FLASH LGTH. (7c)	COLOR (7d)						
8. ADDITIONAL COMMENTS										
9a. NAME AND ADDRESS OF PERSON IN DIRECT CHARGE		10a. NAME AND ADDRESS OF PERSON OR CORPORATION AT WHOSE EXPENSE			10b. THE APPLICANT AGREES TO SAVE THE COAST GUARD HARMLESS WITH RESPECT TO ANY CLAIM OR CLAIMS THAT MAY RESULT ARISING FROM THE ALLEGED NEGLIGENCE OF THE MAINTENANCE OR OPERATION OF THE APPROVED AID(S).					
9b. TELEPHONE NO.					10c. DATE		10d. SIGNATURE AND TITLE OF OFFICIAL SIGNING			
FOR USE BY DISTRICT COMMANDER		RECD.			DATE APPROVED		SIGNATURE (By direction)			
SERIAL NO.		CLASSIFICATION OF AIDS								

FEDERAL REGULATIONS CONCERNING PRIVATE AIDS TO NAVIGATION, 33 CFR 86

§ 66.01-1 Basic provisions.

(a) No person, public body or instrumentality not under the control of the Commandant, exclusive of the Armed Forces, shall establish and maintain, discontinue, change or transfer ownership of any aid to maritime navigation, without first obtaining permission to do so from the Commandant.

(b) For the purposes of this subpart, the term private aids to navigation includes all marine aids to navigation operated in the navigable waters of the United States other than those operated by the Federal Government (Part 62 of this subchapter) or those operated in State waters for private aids to navigation (Subpart 66.05).

(c) Coast Guard authorization of a private aid to navigation does not authorize any invasion of private rights, nor grant any exclusive privileges, nor does it obviate the necessity of complying with any other Federal, State or local laws or regulations.

(d) With the exception of shore based radar stations, operation of electronic aids to navigation as private aids will not be authorized.

§ 66.01-3 Delegation of authority to District Commanders.

(a) Pursuant to the authority in 49 CFR 1.4(g), the Commandant delegates to the District Commanders within the confines of their respective districts (see Part 3 of this Chapter for descriptions) the authority to grant permission to establish and maintain, discontinue, change or transfer ownership of private aids to maritime navigation, and otherwise administer the requirements of this subpart.

(b) The decisions of the District Commander may be appealed within 30 days from the date of decision. The decision of the Commandant in any case is final.

§ 66.01-5 Application procedure.

Application to establish and maintain, discontinue, change or transfer ownership of a private aid to navigation shall be made to the Commander of the Coast Guard District in which the private aid to navigation is or will be located. Application forms (CG-2554) will be provided upon request. The applicant shall complete all parts of the form applicable to the aid to navigation concerned, and shall forward the application in triplicate to the District Commander. The following information is required:

(a) The proposed position of the aid to navigation by two or more horizontal angles, or bearings and distance from charted landmarks. A section of chart or sketch showing the proposed location of the aid to navigation shall be included.

(b) The name and address of the person at whose expense the aid will be maintained.

(c) The name and address of the person who will maintain the aid to navigation.

(d) The time and dates during which it is proposed to operate the aid.

(e) The necessity for the aid.

(f) For lights: The color, characteristic, height above water, and descriptions of illuminating apparatus.

(g) For fog signals: Type (whistle, horn, bell etc.) and characteristic.

(h) For buoys or daybeacons: Shape, color, number, or letter, depth of water in which located or height above water.

§ 66.01 - 10 Characteristics.

The characteristics of a private aid to navigation shall conform to the standard U.S. system to aids to navigation characteristics described in subpart 62.25 of Part 62 of this subchapter, except that only tungsten-incandescent light sources will be approved for electric lights.

§ 66.01 - 15 Action by Coast Guard.

(a) The District Commander receiving the application will review it for completeness and will assign the aid one of the following on marine structures of Class I: Aids to navigation on marine structures of other works which the owners are legally obligated to establish, maintain and operate as prescribed by the Coast Guard.

Class II: Aids to navigation exclusive of Class I located in waters used by general navigation.

Class III: Aids to navigation exclusive of Class I located in waters not ordinarily used by general navigation.

(b) Upon approval by the District Commander, a signed copy of the application will be returned to the applicant.

§ 66.01 - 20 Inspection.

All classes of private aids to navigation shall be maintained in proper operating condition. They are subject to inspection by the Coast Guard at any time and without prior notice.

§ 66.01 - 25 Discontinuance and removal.

(a) No person, public body or instrumentality shall change, move or discontinue any authorized private aid to navigation required by statute or regulations (Class I § 66.01-15) without first obtaining permission to do so from the District Commander.

(b) Any authorized private aid to navigation not required by statute or regulation (Classes II and III, § 66.01-15) may be discontinued and removed by the owner after 30 days' notice to the District Commander to whom the original request for authorization for establishment of the aid was submitted.

(c) Private aids to navigation which have been authorized pursuant to this part shall be discontinued and removed without expense to the United States by the person, public body or instrumentality establishing or maintaining such aids when so directed by the District Commander.

§ 66.01-30 Corps of Engineers' approval.

(a) Before any private aid to navigation consisting of a fixed structure is placed in the navigable waters of the United States, authorization to erect such structure shall first be obtained from the District Engineer, U.S. Army Corps of Engineers in whose district the aid will be located.

(b) The application to establish any private aid to navigation consisting of a fixed structure shall show evidence of the required permit having been issued by the Corps of Engineers.

§ 66.01-35 Marking of structures and floating obstructions.

Any structure, mooring, mooring buoy, or dam, in or over the navigable waters of the United States shall display the lights and other signals for the protection of maritime navigation as may be prescribed by the Commandant. The prescribed lights and signals shall be installed, maintained and operated by and at the expense of the owner, or operator. After obtaining such approval or a statement of no objection from the Corps of Engineers as is required by law, the owner or operator shall apply in accordance with § 66.01-5 to the District Commander having jurisdiction over the waters in which the structure or floating obstruction will be located for a determination of the lights and other signals to be displayed. This requirement includes the temporary lights and signals to be displayed during the construction of a structure. If no regulation exists prescribing the lights or other signals required to mark any work or obstruction, each case shall be considered individually by the District Commander, who will prescribe such lights and signals as he considers necessary for the safety of navigation.

§ 66.01-40 Exemptions.

(a) Nothing in the preceding sections of this subpart shall be construed to interfere with or nullify the requirements of existing laws and regulations pertaining to the marking of vessels and other obstructions sunk in the navigable waters of the United States (Part 64 of this subchapter), the marking of artificial islands and structures which are erected on or over the seabed and subsoil of the outer Continental Shelf (Part 67 of this subchapter), or the lighting of bridges over navigable waters of the United States (Part 68 of this subchapter).

(b) Persons marking structures pursuant to Part 64 or Part 58 of this subchapter are exempted from the provisions of § 66.01-5 and 66.01-35.

§ 66.01-45 Penalties.

Any person, public body or instrumentality, excluding the Armed Forces, who shall establish, erect or maintain any aid to maritime navigation without first obtaining authority to do so from the Coast Guard or who shall violate the regulations relative thereto issued in this part, is subject to the provision of 14 U.S.C. 83. Any owner or operator of a fixed structure, excluding an agency of the United States, who violates any of the rules or regulations prescribed with respect to lights and other signals for fixed structures, is subject to the provision of 14 U.S.C. 85.

§ 66.01-50 Protection of private aids to navigation.

Private aids to navigation lawfully maintained under these regulations are entitled to same protection against interference or obstruction as is afforded by law to Coast Guard aids to navigation (Part 70 of this subchapter). If interference or obstruction occurs, a prompt report containing all the evidence available should be made to the Commander of the Coast Guard District in which the aids are located.

§ 66.01-55 Transfer of ownership.

(a) When any private aid to navigation authorized by the District Commander, or the essential real estate or facility with which the aid is associated, is sold or transferred, both parties to the transaction shall submit application (§ 66.01-5) to the Commander of the Coast Guard District in which the aid is located requesting authority to transfer responsibility for maintenance of the aid.

(b) The party relinquishing responsibility for maintenance of the private aid to navigation shall indicate on the application form (CG-2554) both the discontinuance and the change of ownership of the aid sold or transferred.

(c) The party accepting responsibility for maintenance of the private aid to navigation shall indicate on the application form (CG-2554) both the establishment and the change of ownership of the aid sold or transferred.

(d) In the event the new owner of the essential real estate or facility with which the aid is associated refuses to accept responsibility for maintenance of the aid, the former owner shall be required to remove the aid without expense to the United States. This requirement shall not apply in the case of any authorized private aid to navigation required by statute or regulation (Class I, § 66.01-15) which shall be maintained by the new owner until the conditions which made the aid necessary have been eliminated.

U. S. COAST GUARD

PRIVATE AIDS TO NAVIGATION APPLICATION INSTRUCTIONS

1. The rules, regulations, and procedures pertaining to private aids to navigation are set forth in the copy of Code of Federal Regulations; Title 33, Chapter 1, Part 66, on the back of this page.

2. Three copies of the application for private aids shall be forwarded to the Commander of the Coast Guard District in which the aids will be located 30 days in advance of the proposed action. Sections of charts or sketches showing the work proposed shall accompany each application.

3. When making application for private aids to mark structures and mooring buoys in navigable waters or to mark the excavating or depositing of material therein, evidence is required of the authorization obtained from Corps of Engineers, Department of the Army, for such work. (Code of Federal Regulations; Title 33, Part 209.120.)

4. The applicant shall complete all of Blocks 1, 2, 3, 4, 5, 9 and 10 for all new applications. When an aid is being discontinued, Block 3 need not be completed. Block 5 shall be completed whenever authorization is required to be obtained from Corps of Engineers (See Instruction No. 3). Columns of Block 7 will be completed as follows:
a. Unlighted buoys - 7a, 7e, 7f, and 7j;
b. Lighted buoys - 7a, 7b, 7c, 7d, 7e, 7f, 7g, 7h, and 7j;
c. Daybeacons - 7a, 7e, 7f (if applicable), 7h, 7i, and 7j;
d. Light on a structure - 7a, 7b, 7c, 7d, 7e, 7f (if applicable), 7g, 7h, 7i, and 7j.

When an aid is being changed, Block 8 shall be used to describe the nature of the change.

5. The required information for each column includes the following:

(7a) Proposed number or letter to be assigned to the aid.
(7b) Period of light (time in seconds for one complete cycle).

(7c) Flash length in seconds. For complex or multiple flashes, explain in column (7i).

(7d) Color of light.

(7e) Position by two or more horizontal angles, or bearing and distance from a prominent charted landmark. If a prominent charted landmark is not available, show latitude and longitude as precisely as the chart permits.

(7f) Depth of water at buoy or structure (if marine site). All depths are measured from mean low water except on Great Lakes where depths are measured from low water datum.

(7g) Candlepower, if known; otherwise, include the following information in column (7i): lens size, lamp voltage and amperage if electric, or details of other illuminant to be used.

(7h) Height of light or unlighted structure above water. Height is measured from mean high water except in the Great Lakes where heights are measured from low water datum shown on U.S. Lake Survey Charts. The height of a light on a buoy is measured from the water line.

(7i) Include details of structure (type, color).

(7j) Used for the following specific information, plus any other useful details: a. buoys - size, shape, color, and reflective material used; b. structures - daymark shape and color; c. fog signal on a buoy or structure - type and model, audible range, and characteristic (number of strokes or blasts, period and blast length).

6. This form may be used to cover more than one aid in the same geographic area. Draw a line between each aid as indicated in example. Attach separate sheet if additional space is required.

7. Attach a section of chart showing the proposed location of the aid(s) to navigation.

8. a. After receipt of the approved form the applicant will advise the District Commander by telegram or other rapid means of communications when the work authorized is actually accomplished.
b. If the aids have not been installed within one year of the approval date, the approved application is automatically cancelled.
c. Any discrepancy in the operation of the aid(s) at any time shall be reported to the District Commander by telegram or other rapid means of communication in order that Notices to Mariners may be issued. A discrepancy exists whenever the aid is not as described in the approved application, i.e., lack of signal, incorrect light characteristic, or improper color, shape or position of shore structure or buoy. The correction of the discrepancy will also be reported by the same method.

9. All classes of private aids to navigation shall be maintained in proper condition. They are subject to inspection by the Coast Guard at any time and without prior notice to the maintainer.

7. APPLICANT WILL FILL IN APPLICABLE REMAINING COLUMNS

FOR DISTRICT COMMANDERS ONLY		EXAMPLE OF USE OF APPLICATION									
LIGHT LIST NUMBER OR PAGE	NAME OF AID	NO. OR LTR. (7a)	LIGHT		POSITION (7e)	DEPTH OF WATER (7f)	CAN- DLE POWER (7g)	HT. ABOVE WATER (7h)	STRUCTURE		REMARKS (See Instructions) (7i)
			PER. (7b)	COLOR (7d)					TYPE, COLOR, AND HEIGHT (7i)		
		1	4s	WHITE	205°T, 3540 yds from tank, Bayview, VA.	9 Ft.	20	6 Ft.			5' Lighted buoy - black
		2			200°T, 3425 yds from tank, Bayview, VA.	7 Ft.					Nun buoy - Red White reflector
		3			210°T, 2810 yds from tank, Bayview, VA.	2 Ft.		7 Ft.	Single pile		2' square daymark - black
		5	2.5s	WHITE	218.5°T, 330 yds from tank, Bayview, VA.	8 Ft.	20	13 Ft.	5 - pile		3' square daymark - black

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

§ 77.7 Form and time of notice.

(a) If you are required to file notice under § 77.9, you must submit to the FAA a completed FAA Form 7460-1, Notice of Proposed Construction or Alteration. FAA Form 7460-1 is available at FAA regional offices and on the Internet.

(b) You must submit this form at least 45 days before the start date of the proposed construction or alteration or the date an application for a construction permit is filed, whichever is earliest.

(c) If you propose construction or alteration that is also subject to the licensing requirements of the Federal Communications Commission (FCC), you must submit notice to the FAA on or before the date that the application is filed with the FCC.

(d) If you propose construction or alteration to an existing structure that exceeds 2,000 ft. in height above ground level (AGL), the FAA presumes it to be a hazard to air navigation that results in an inefficient use of airspace. You must include details explaining both why the proposal would not constitute a hazard to air navigation and why it would not cause an inefficient use of airspace.

(e) The 45-day advance notice requirement is waived if immediate construction or alteration is required because of an emergency involving essential public services, public health, or public safety. You may provide notice to the FAA by any available, expeditious means. You must file a completed FAA Form 7460-1 within 5 days of the initial notice to the FAA. Outside normal business hours, the nearest flight service station will accept emergency notices.

§ 77.9 Construction or alteration requiring notice.

If requested by the FAA, or if you propose any of the following types of construction or alteration, you must file notice with the FAA of:

(a) Any construction or alteration that is more than 200 ft. AGL at its site.

(b) Any construction or alteration that exceeds an imaginary surface extending outward and upward at any of the following slopes:

(1) 100 to 1 for a horizontal distance of 20,000 ft. from the nearest point of the nearest runway of each airport described in paragraph (d) of this section with its longest runway more than 3,200 ft. in actual length, excluding heliports.

(2) 50 to 1 for a horizontal distance of 10,000 ft. from the nearest point of the nearest runway of each airport described in paragraph (d) of this section with its longest runway no more than 3,200 ft. in actual length, excluding heliports.

(3) 25 to 1 for a horizontal distance of 5,000 ft. from the nearest point of the nearest landing and takeoff area of each heliport described in paragraph (d) of this section.

(c) Any highway, railroad, or other traverse way for mobile objects, of a height which, if adjusted upward 17 feet for an Interstate Highway that is part of the National System of Military and Interstate Highways where overcrossings are designed for a minimum of 17 feet vertical distance, 15 feet for any other public roadway, 10 feet or the height of the highest mobile object that would normally traverse the road, whichever is greater, for a private road, 23 feet for a railroad, and for a waterway or any other traverse way not previously mentioned, an amount equal to the height of the highest mobile object that would normally traverse it, would exceed a standard of paragraph (a) or (b) of this section.

(d) Any construction or alteration on any of the following airports and heliports:

(1) A public use airport listed in the Airport/Facility Directory, Alaska Supplement, or Pacific Chart Supplement of the U.S. Government Flight Information Publications;

(2) A military airport under construction, or an airport under construction that will be available for public use;

(3) An airport operated by a Federal agency or the DOD.

(4) An airport or heliport with at least one FAA-approved instrument approach procedure.

(e) You do not need to file notice for construction or alteration of:

(1) Any object that will be shielded by existing structures of a permanent and substantial nature or by natural terrain or topographic features of equal or greater height, and will be located in the congested area of a city, town, or settlement where the shielded structure will not adversely affect safety in air navigation;

(2) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device meeting FAA-approved siting criteria or an appropriate military service siting criteria on military airports, the location and height of which are fixed by its functional purpose;

(3) Any construction or alteration for which notice is required by any other FAA regulation.

(4) Any antenna structure of 20 feet or less in height, except one that would increase the height of another antenna structure.

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76193
Fax: (817) 321-7765
Phone: (817) 321-7750

Website: <https://oeaaa.faa.gov>

INSTRUCTIONS FOR COMPLETING FAA FORM 7460-1

PLEASE TYPE or PRINT

ITEM #1. Please include the name, address and phone number of a personal contact point as well as the company name.

ITEM #2. Please include the name, address and phone number of a personal contact point as well as the company name.

ITEM #3. New Construction would be a structure that has not yet been built.

Alteration is a change to an existing structure such as the addition of a side mounted antenna, a change to the marking and lighting, a change to power and/or frequency, or a change to the height. The nature of the alteration shall be included in ITEM #21 "Complete Description of Proposal".

Existing would be a correction to the latitude and/or longitude, a correction to the height, or if filing on an existing structure which has never been studied by the FAA. The reason for the notice shall be included in ITEM #21 "Complete Description of Proposal".

ITEM #4. If Permanent, so indicate. If Temporary, such as a crane or drilling derrick, enters the estimated length of time the temporary structure will be up.

ITEM #5. Enter the date that construction is expected to start and the date that construction should be completed.

ITEM #6. Please indicate the type of structure. DO NOT LEAVE BLANK.

ITEM #7. In the event that obstruction marking and lighting is required, please indicate type desired. If no preference, check "other" and indicate "no preference" DO NOT LEAVE BLANK. NOTE: High Intensity lighting shall be used only for structures over 500' AGL. In the absence of high intensity lighting for structures over 500' AGL, marking is also required.

ITEM #8. If this is an existing tower that has been registered with the FCC, enter the FCC Antenna Structure Registration number here.

ITEM #9 and #10. Latitude and longitude must be geographic coordinates, accurate to within the nearest second or to the nearest hundredth of a second if known. Latitude and longitude derived solely from a hand-held GPS instrument is NOT acceptable. A hand-held GPS is only accurate to within 100 meters (328 feet) 95 percent of the time. This data, when plotted, should match the site depiction submitted under ITEM #20.

ITEM #11. NAD 83 is preferred; however, latitude and longitude may be submitted in NAD 27. Also, in some geographic areas where NAD 27 and NAD 83 are not available other datum may be used. It is important to know which datum is used. DO NOT LEAVE BLANK.

ITEM #12. Enter the name of the nearest city and state to the site. If the structure is or will be in a city, enter the name of that city and state.

ITEM #13. Enter the full name of the nearest public-use (not private-use) airport or heliport or military airport or heliport to the site.

ITEM #14. Enter the distance from the airport or heliport listed in #13 to the structure.

ITEM #15. Enter the direction from the airport or heliport listed in #13 to the structure.

ITEM #16. Enter the site elevation above mean sea level and expressed in whole feet rounded to the nearest foot (e.g. 17'3" rounds to 17', 17'6" rounds to 18'). This data should match the ground contour elevations for site depiction submitted under ITEM #20.

ITEM #17. Enter the total structure height above ground level in whole feet rounded to the next highest foot (e.g. 17'3" rounds to 18'). The total structure height shall include anything mounted on top of the structure, such as antennas, obstruction lights, lightning rods, etc.

ITEM #18. Enter the overall height above mean sea level and expressed in whole feet. This will be the total of ITEM #16 + ITEM #17.

ITEM #19. If an FAA aeronautical study was previously conducted, enter the previous study number.

ITEM #20. Enter the relationship of the structure to roads, airports, prominent terrain, existing structures, etc. Attach an 8-1/2" x 11" non-reduced copy of the appropriate 7.5 minute U.S. Geological Survey (USGS) Quadrangle Map MARKED WITH A PRECISE INDICATION OF THE SITE LOCATION. To obtain maps, contact USGS at 1-888-275-8747 or via internet at "<http://store.usgs.gov>". If available, attach a copy of a documented site survey with the surveyor's certification stating the amount of vertical and horizontal accuracy in feet.

ITEM #21.

- For transmitting stations, include maximum effective radiated power (ERP) and all frequencies.
- For antennas, include the type of antenna and center of radiation (Attach the antenna pattern, if available).
- For microwave, include azimuth relative to true north.
- For overhead wires or transmission lines, include size and configuration of wires and their supporting structures (Attach depiction).
- For each pole/support, include coordinates, site elevation, and structure height above ground level or water.
- For buildings, include site orientation, coordinates of each corner, dimensions, and construction materials.
- For alterations, explain the alteration thoroughly.
- For existing structures, thoroughly explain the reason for notifying the FAA (e.g. corrections, no record or previous study, etc.).

Filing this information with the FAA does not relieve the sponsor of this construction or alteration from complying with any other federal, state or local rules or regulations. If you are not sure what other rules or regulations apply to your proposal, contact local/state aviation's and zoning authorities.

Paperwork Reduction Work Act Statement: This information is collected to evaluate the effect of proposed construction or alteration on air navigation and is not confidential. Providing this information is mandatory for anyone proposing construction or alteration that meets or exceeds the criteria contained in 14 CFR, part 77. We estimate that the burden of this collection is an average 19 minutes per response. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number for this collection is 2120-0001. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

Please Type or Print on This Form



Failure To Provide All Requested Information May Delay Processing of Your Notice

U.S. Department of Transportation
Federal Aviation Administration

Notice of Proposed Construction or Alteration

FOR FAA USE ONLY

Aeronautical Study Number

1. Sponsor (person, company, etc. proposing this action):

Attn. _____ of: _____
Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ Fax: _____

2. Sponsor's Representative (if other than #1):

Attn. _____ of: _____
Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ Fax: _____

3. Notice of: ☐ New Construction ☐ Alteration ☐ Existing

4. Duration: ☐ Permanent ☐ Temporary (_____ months, _____ days)

5. Work Schedule: Beginning _____ End _____

6. Type: ☐ Antenna Tower ☐ Crane ☐ Building ☐ Power Line
☐ Landfill ☐ Water Tank ☐ Other _____

7. Marking/Painting and/or Lighting Preferred:

☐ Red Lights and Paint ☐ Dual - Red and Medium Intensity
☐ White-Medium Intensity ☐ Dual - Red and high Intensity
☐ White -High Intensity ☐ Other _____

8. FCC Antenna Structure Registration Number (if applicable): _____

9. Latitude: _____ ° _____ ' _____ "

10. Longitude: _____ ° _____ ' _____ "

11. Datum: ☐ NAD 83 ☐ NAD 27 ☐ Other _____

12. Nearest: City: _____ State: _____

13. Nearest Public-use (not private-use) or Military Airport or Heliport: _____

14. Distance from #13. to Structure: _____

15. Direction from #13. to Structure: _____

16. Site Elevation (AMSL): _____ ft.

17. Total Structure Height (AGL): _____ ft.

18. Overall Height (#16 + #17) (AMSL): _____ ft.

19. Previous FAA Aeronautical Study Number (if applicable): _____

-OE

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certified survey)

21. Complete Description of Proposal:

Frequency/Power (kW)

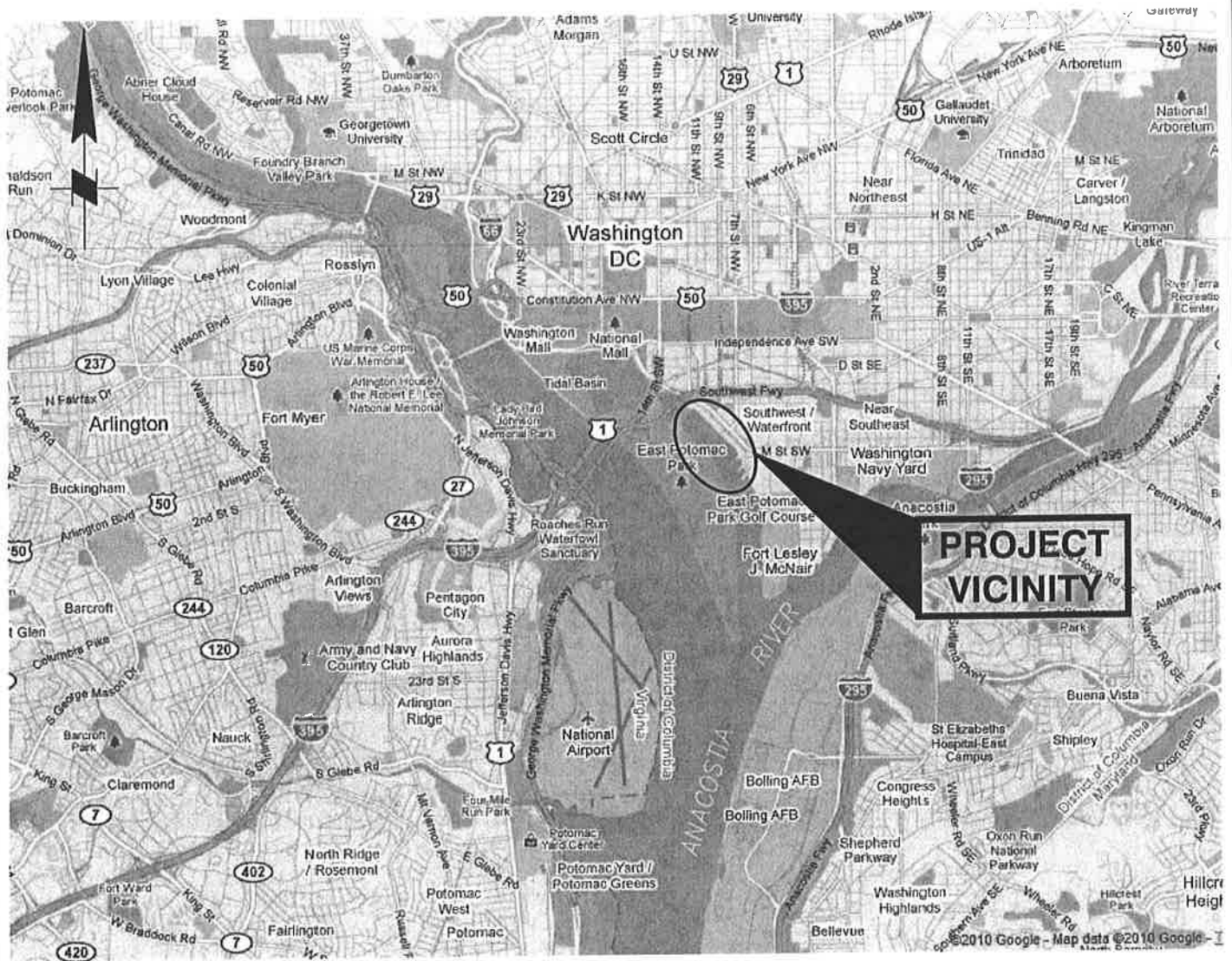
Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301(a)

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date

Typed or Printed Name and Title of Person Filing Notice

Signature



VICINITY MAP

N.T.S.

SOUTHWEST WATERFRONT DEVELOPMENT

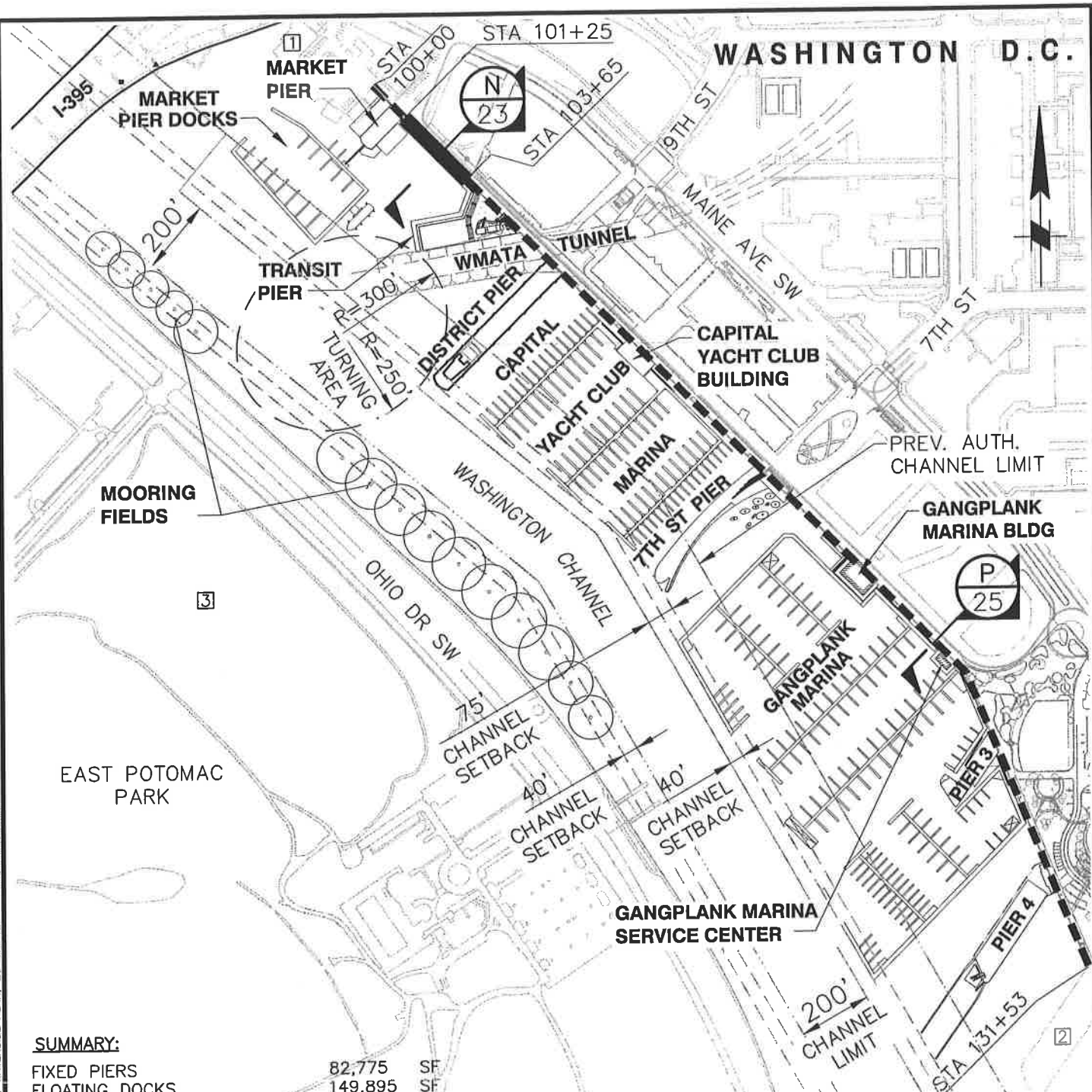
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 01 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USAGE\ SHEETS\7208PERMIT02 - GEN WATERSIDE PLAN: 20-Jul-12 1:16 PM: Ford, Brian



SUMMARY:

FIXED PIERS	82,775	SF
FLOATING DOCKS	149,895	SF
BUILDING FOOTPRINT (OVERWATER)	11,647	SF
TOTAL SLIPS	385	EA
FIXED PIER SIDE-TIE	3,006	LF
FIXED PIER END-TIE	30	LF
FLOATING DOCK SIDE-TIE	4,335	LF (~88 SLIPS)
FLOATING DOCK END-TIE	1,089	LF (~21 SLIPS)
TOTAL SIDE/END-TIE	8,460	LF

GENERAL WATERSIDE PLAN

N.T.S.

BULKHEAD LEGEND:

— BULKHEAD REPLACEMENT
- - BULKHEAD REPAIR

DATUM NUMBERS NOAA STA. 8594900:

MHW (+) 1.64' DC DPW DATUM
MLW (-) 1.14' DC DPW DATUM

ADJACENT PROPERTIES:

- 1 D.C. FISH MARKET
- 2 D.C. METROPOLITAN POLICE
- 3 NATIONAL PARK SERVICE



SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 02 OF 37

DATE: JULY 2012

WASHINGTON D.C.

EAST POTOMAC
PARK

FISH MARKET
PIERS
(REMAIN)

EXIST.
BULKHEAD

9TH ST

MAINE AVE SW

7TH ST

WASHINGTON
CHANNEL

CAPITAL
YACHT CLUB
FIXED DOCKS TO BE
REMOVED, FLOATING
DOCKS TO BE
REMOVED/ RELOCATED

OHIO DR SW

GANGPLANK
MARINA
(FLOATING
DOCKS TO BE
REMOVED)

GANGPLANK
MARINA BLDG.
(REMAIN)

REMOVE
DOCKS

PIER 3
(RENOVATE)

400' WIDE

PIER 4
(REMAIN)

POLICE
PIER
(REMAIN)

EXISTING
BULKHEAD

EXISTING CONDITIONS / DEMOLITION PLAN

N.T.S.

SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

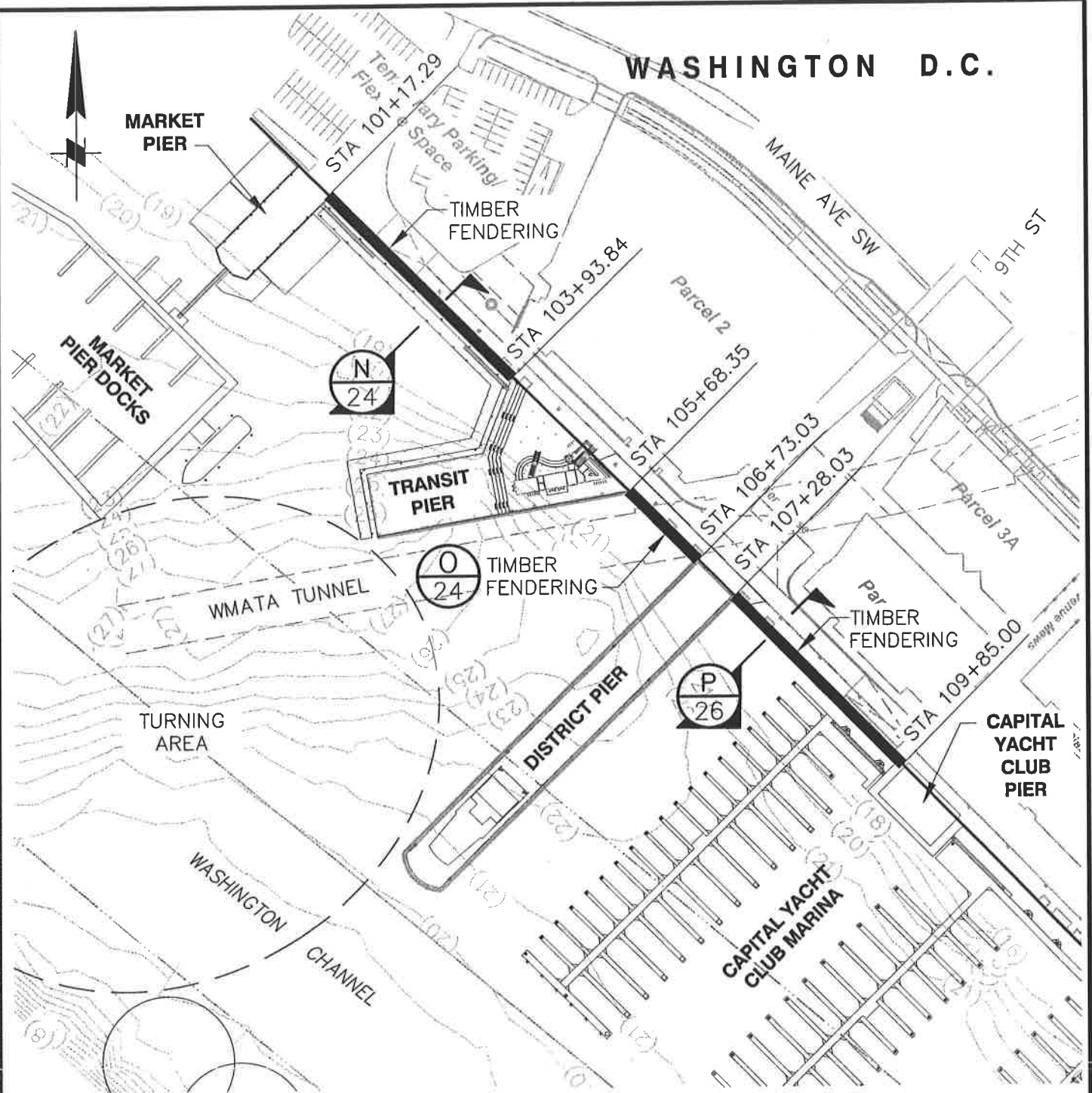
GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 03 OF 37

DATE: JULY 2012



WASHINGTON D.C.



GENERAL TIMBER FENDERING PLAN

N.T.S.

SUMMARY:

TIMBER FENDERING

640 LF

LEGEND:



BULKHEAD TIMBER FENDERING

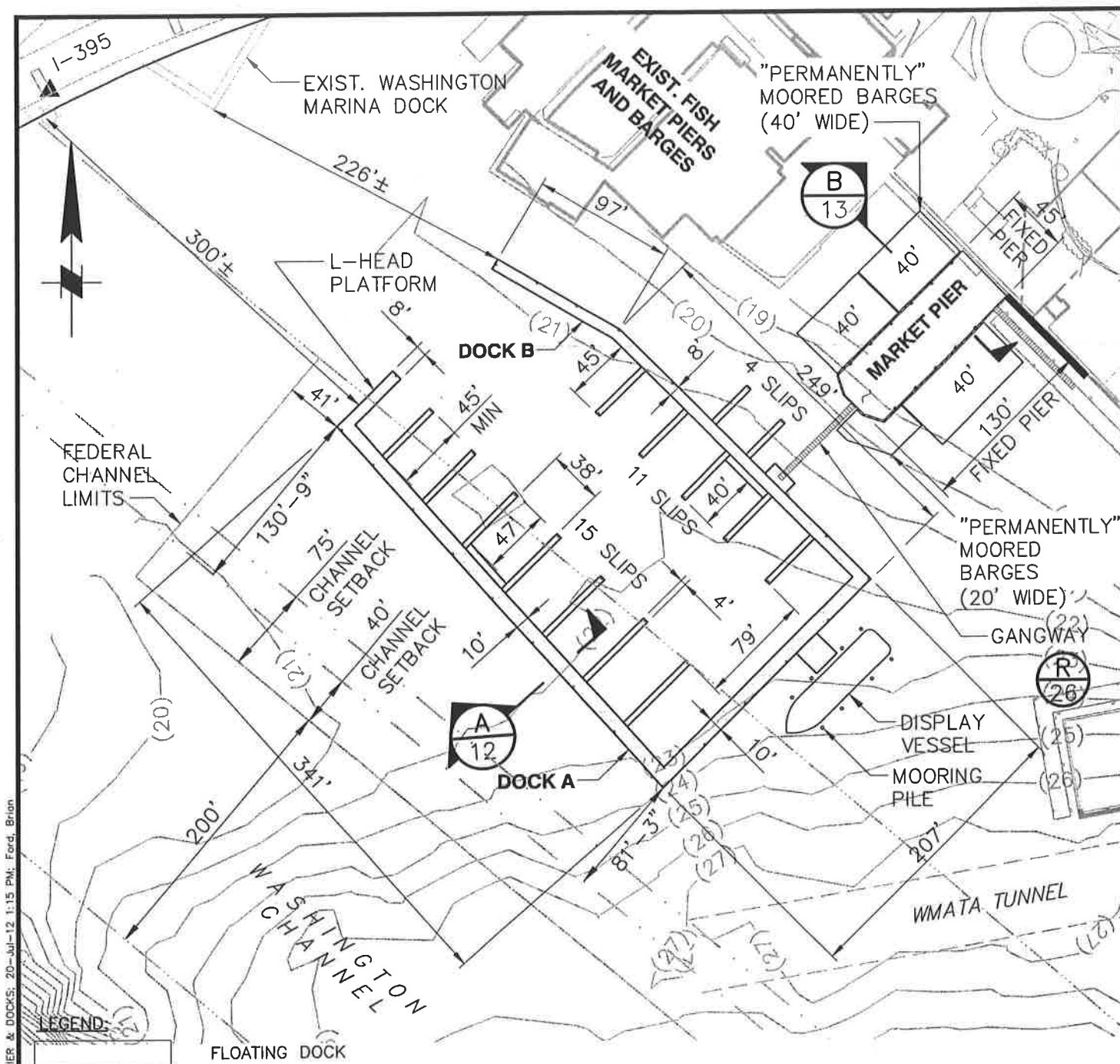
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 04 OF 37

DATE: JULY 2012



PLAN - MARKET PIER AND DOCKS

SCALE: 1" = 100'

SUMMARY:

PIER:
MARKET PIER
FIXED PIER SIDE-TIE
FIXED PIER END-TIE

5765 SF
230 LF
30 LF

PERMANENT VESSELS

60'X40' BARGES 2 EA
75'X40' BARGE 1 EA
90'X24' YACHT (DISPLAY VESSEL) 1 EA
80'X20' BARGES 1 EA

DOCKS:
FLOATING DOCK
TOTAL SLIPS
FLOATING PIER DOCK SIDE-TIE
FLOATING PIER DOCK END-TIE
GUIDE PILES
MOORING PILES

12220 SF
30 EA
909 LF (~18 SLIPS)
55 LF (~1 SLIPS)
36 EA
8 EA

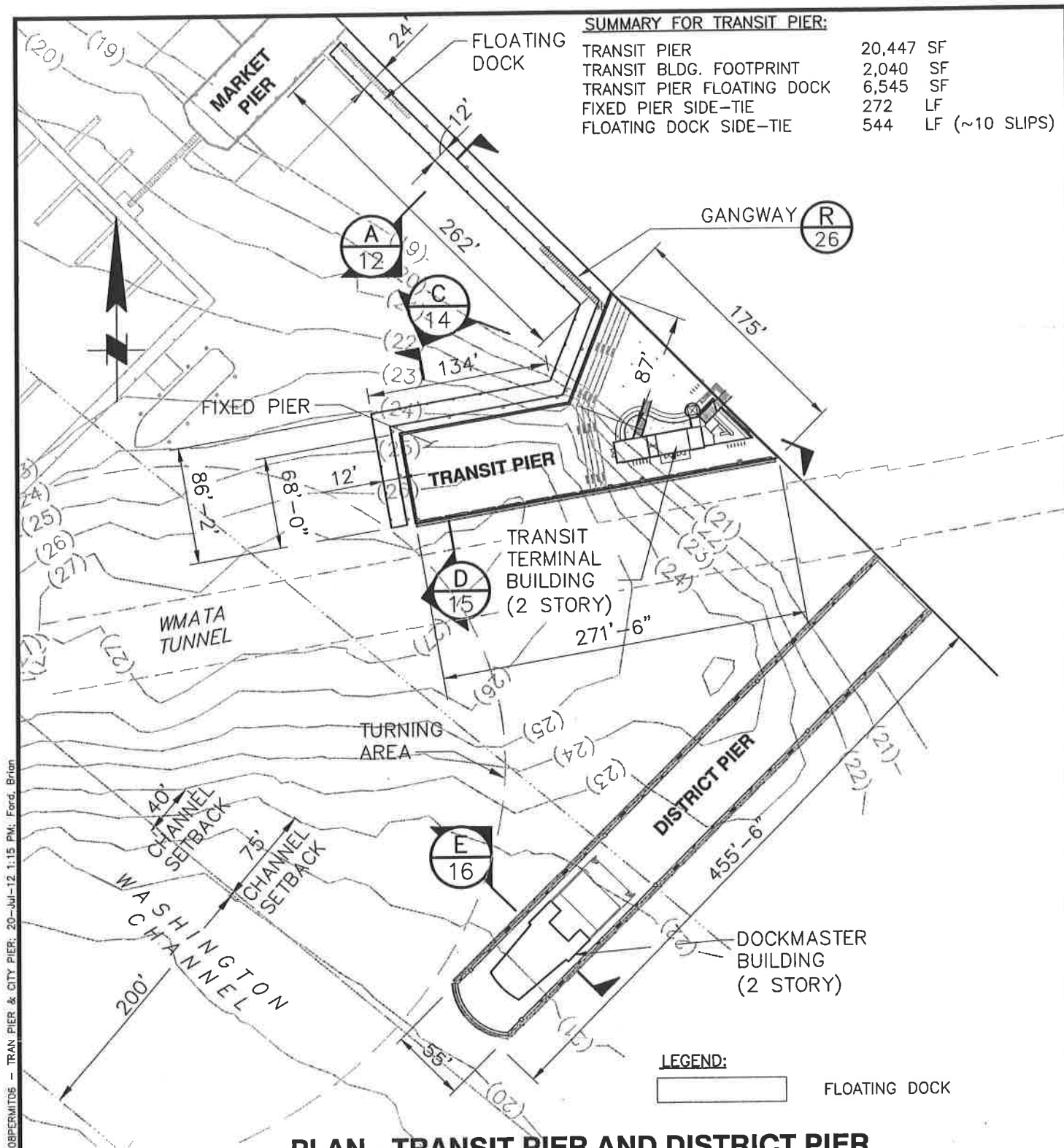
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 05 OF 37

DATE: JULY 2012



SUMMARY FOR DISTRICT PIER:

DISTRICT PIER	24,888 SF
DISTRICT PIER DOCKMASTER BUILDING FOOTPRINT	2,147 SF
FIXED PIER SIDE-TIE	934 LF



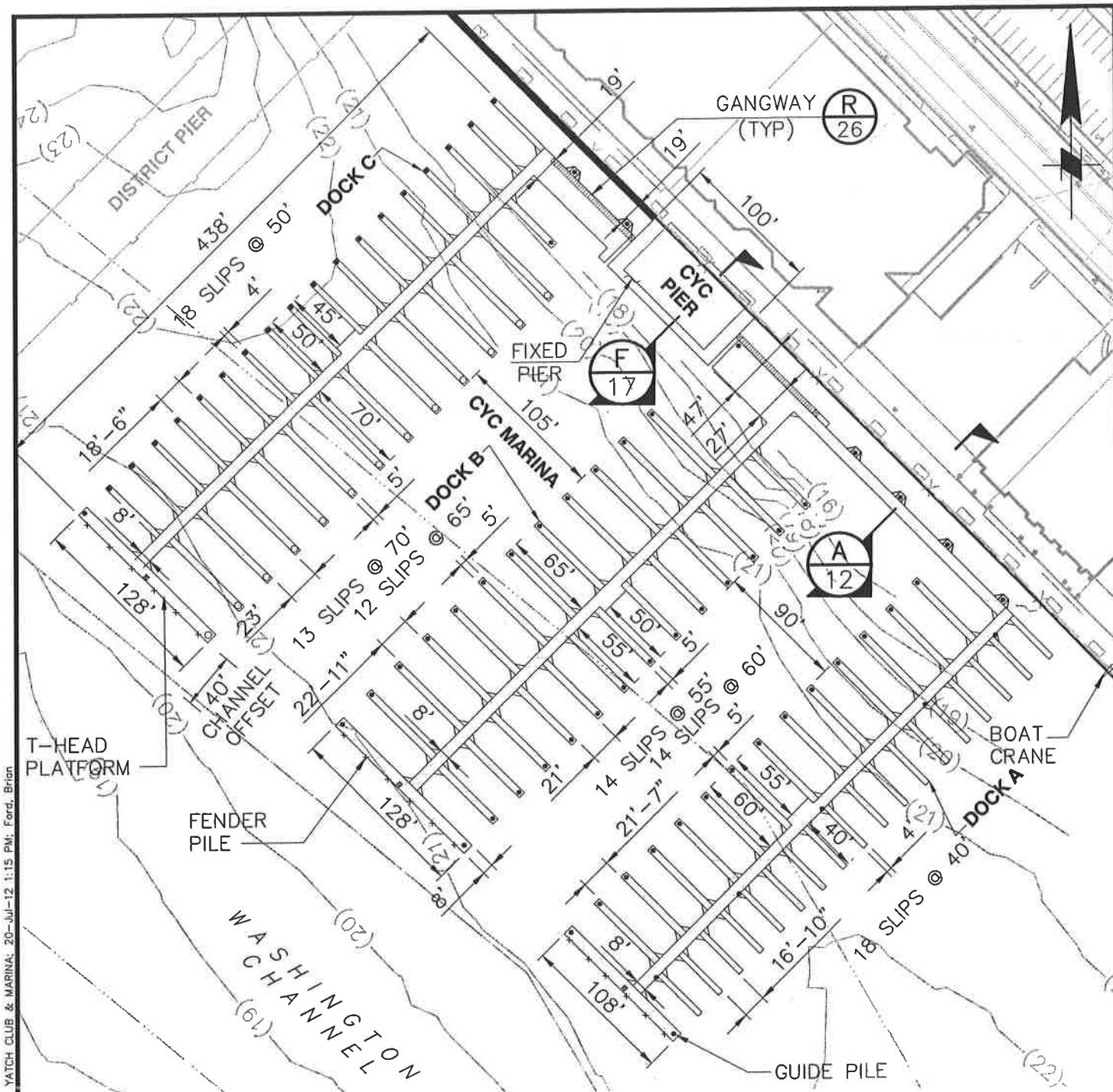
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 06 OF 37

DATE: JULY 2012



LEGEND:

 FLOATING DOCK

PLAN - CAPITAL YACHT CLUB AND MARINA

SCALE: 1" = 100'

SUMMARY:

CYC PIER	4,700	SF
CYC BUILDING (2 STORY)—FOOTPRINT	2,960	SF
FLOATING DOCK	41,360	SF
TOTAL SLIPS	89	EA
FLOATING DOCK END-TIE	364	LF (~6 SLIPS)

SOUTHWEST WATERFRONT DEVELOPMENT

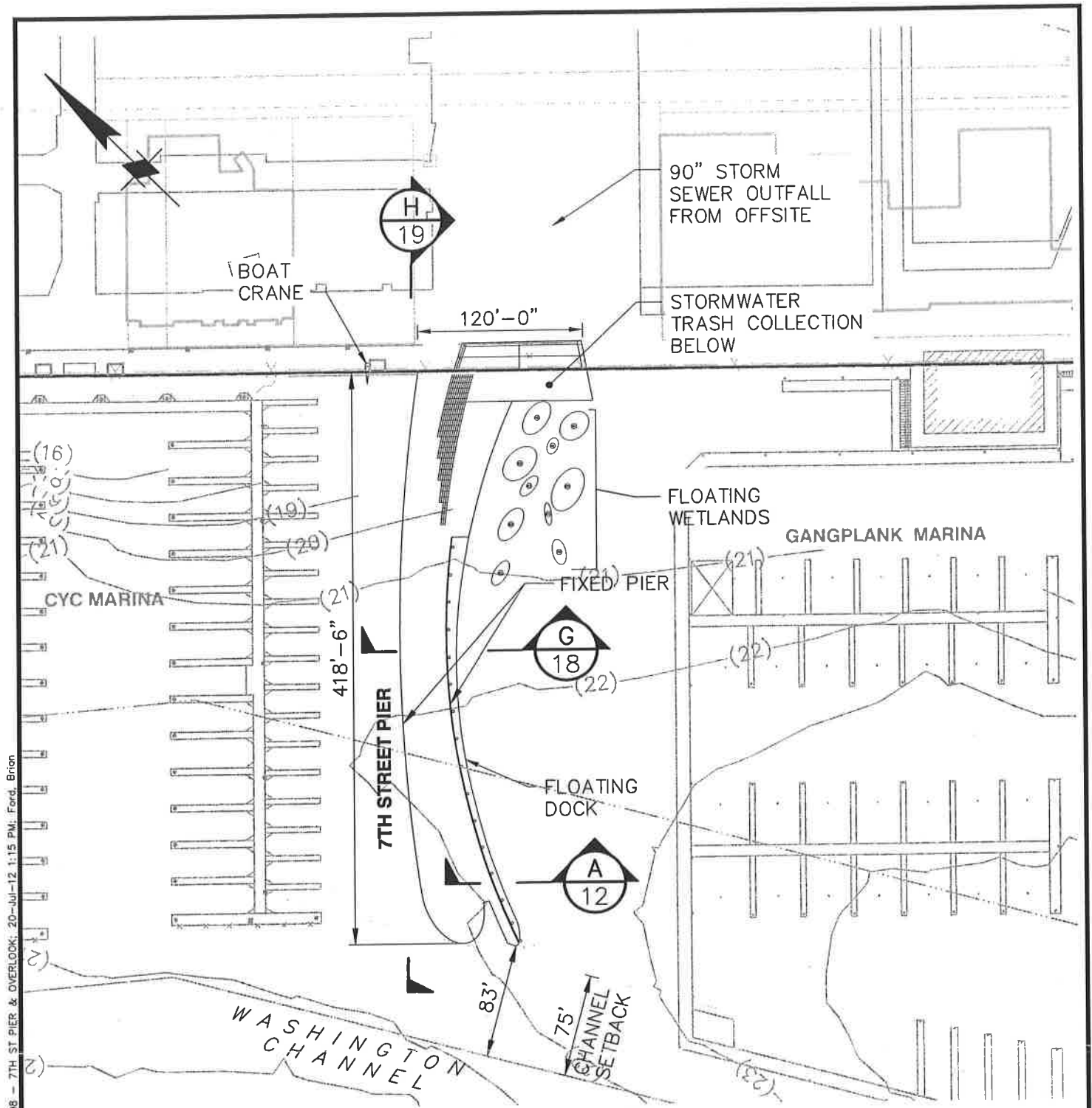
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 07 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USAGE\...SHEETS\7208PERMIT08 - 7TH ST PIER & OVERLOOK; 20-JUL-12 1:15 PM; Ford, Brian



PLAN - 7TH STREET PIER

LEGEND:

 FLOATING DOCK

SCALE: 1" = 100'

SUMMARY:

7TH STREET PIER	20,375	SF
7TH STREET FLOATING DOCK	1,870	SF
FLOATING DOCK SIDE-TIE	288	LF (~7 SLIPS)
FLOATING WETLANDS (TOTAL)	2,900	SF



SOUTHWEST WATERFRONT DEVELOPMENT

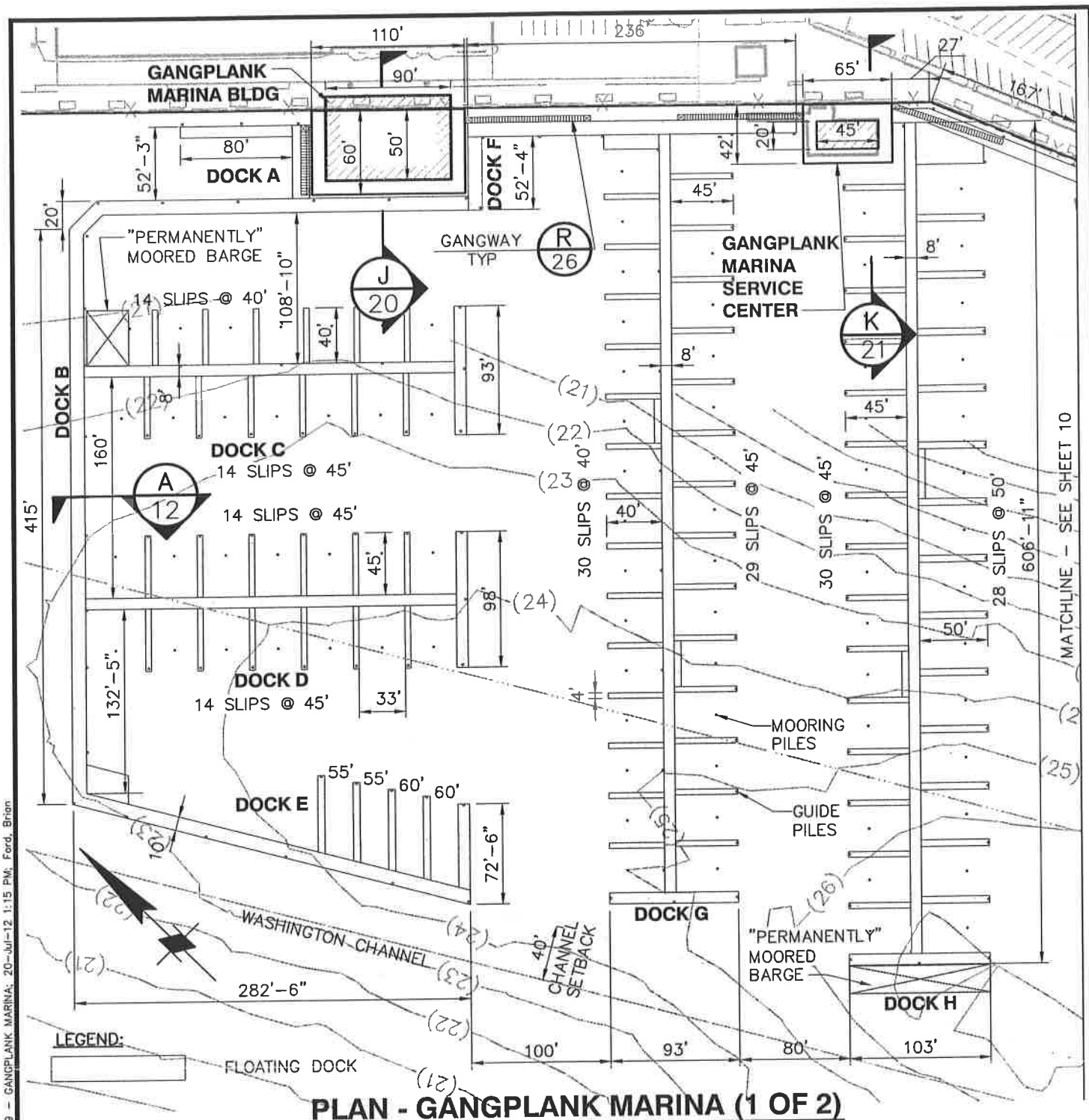
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 08 OF 37

DATE: JULY 2012

p:\7208-00\CADD\ACTIVE\00_USAGE\7208PERMIT09 - GANGPLANK MARINA; 20-JUL-12 1:15 PM; Ford, Brian



SUMMARY: (FOR SHEETS 9 & 10)

PIER:

BUILDING PLATFORM (NEW)
EXISTING PLATFORM

6600 SF
2730 SF

DOCKS:

FLOATING DOCK
PERM BARGES
TOTAL SLIPS
FLOATING DOCK SIDE-TIE
FLOATING DOCK END-TIE
GUIDE PILES
MOORING PILES

84760 SF
3 EA
251 EA
2579 LF (~47 SLIPS)
670 LF (~14 SLIPS)
188 EA
109 EA

BUILDING OVER WATER FOOTPRINT:
NEW 4500 SF

EXIST 9180 SF

**SOUTHWEST
WATERFRONT DEVELOPMENT**

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

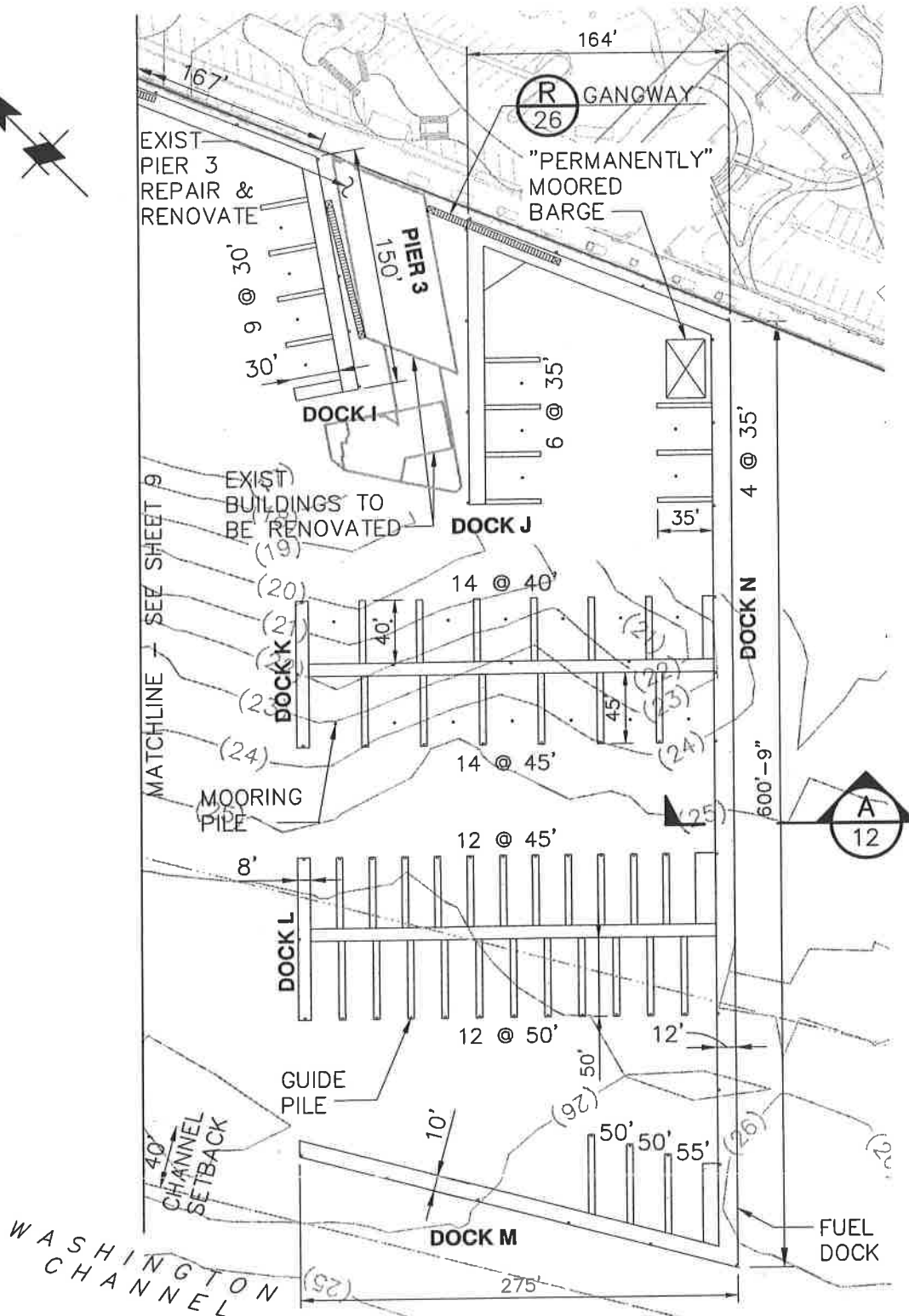
SHEET 09 OF 37

DATE: JULY 2012



MATCHLINE - SEE SHEET 10

p:\7208-00\CADD\ACTIVE\00_USAGE\7208PERMIT\7208-00\7208PERMIT - GANGPLANK MARINA: 20-Jul-12 1:14 PM: Ford, Brian



PLAN - GANGPLANK MARINA (2 OF 2)

SCALE: 1" = 100'

LEGEND:



FLOATING DOCK

SUMMARY: SEE SHEET 9



moffatt & nichols
BALTIMORE, MARYLAND

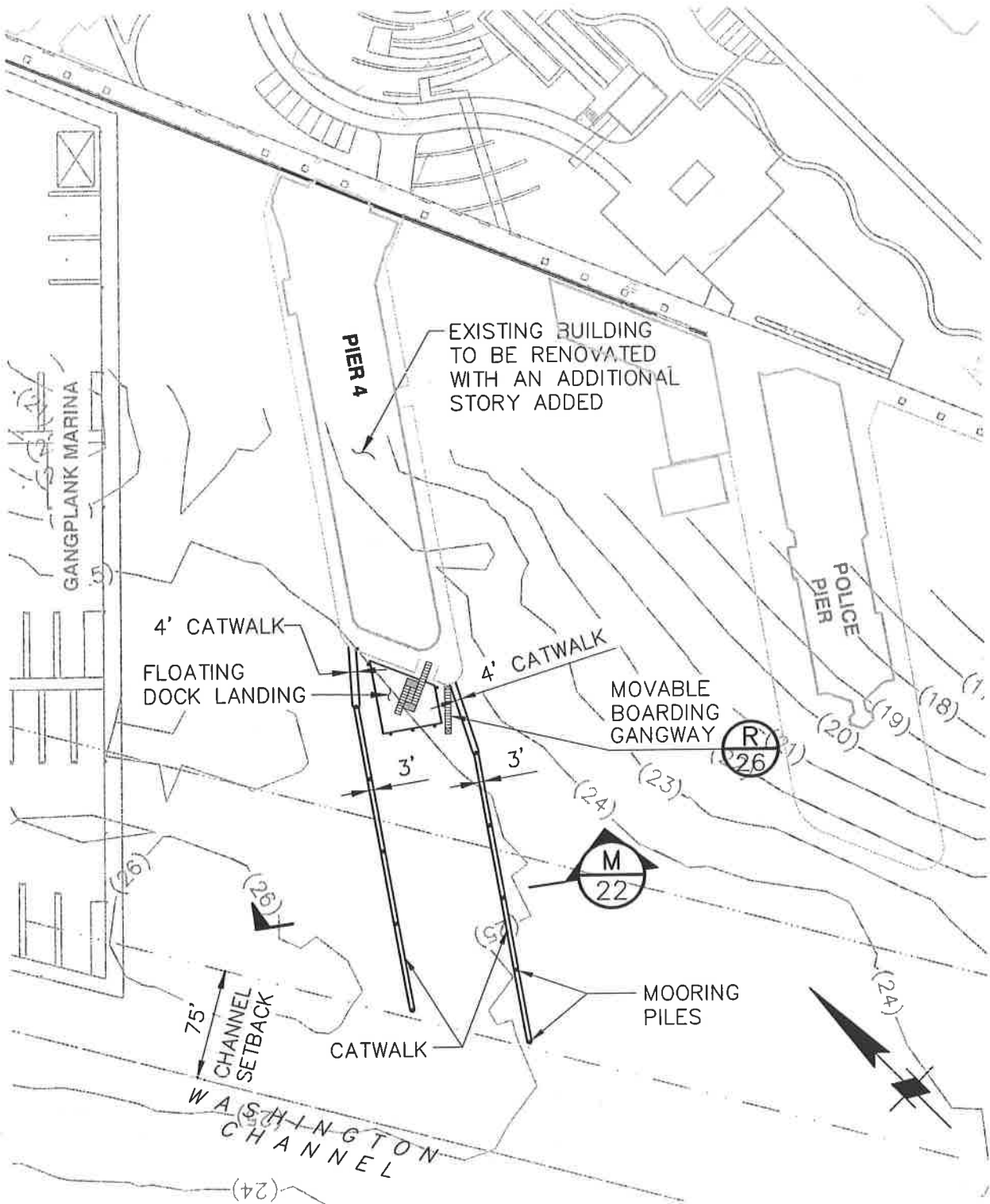
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 10 OF 37

DATE: JULY 2012



PLAN - PIER 4

SCALE: 1" = 100'

SUMMARY:

FLOATING DOCK	1540 SF
TOTAL SIDE-TIE	1570 LF
MOORING PILES/CATWALK	1600 SF
(PART OF FIXED PIER TOTAL)	

EXISTING PIER 4:

PIER BUILDING FOOTPRINT	19000 SF
-------------------------	----------



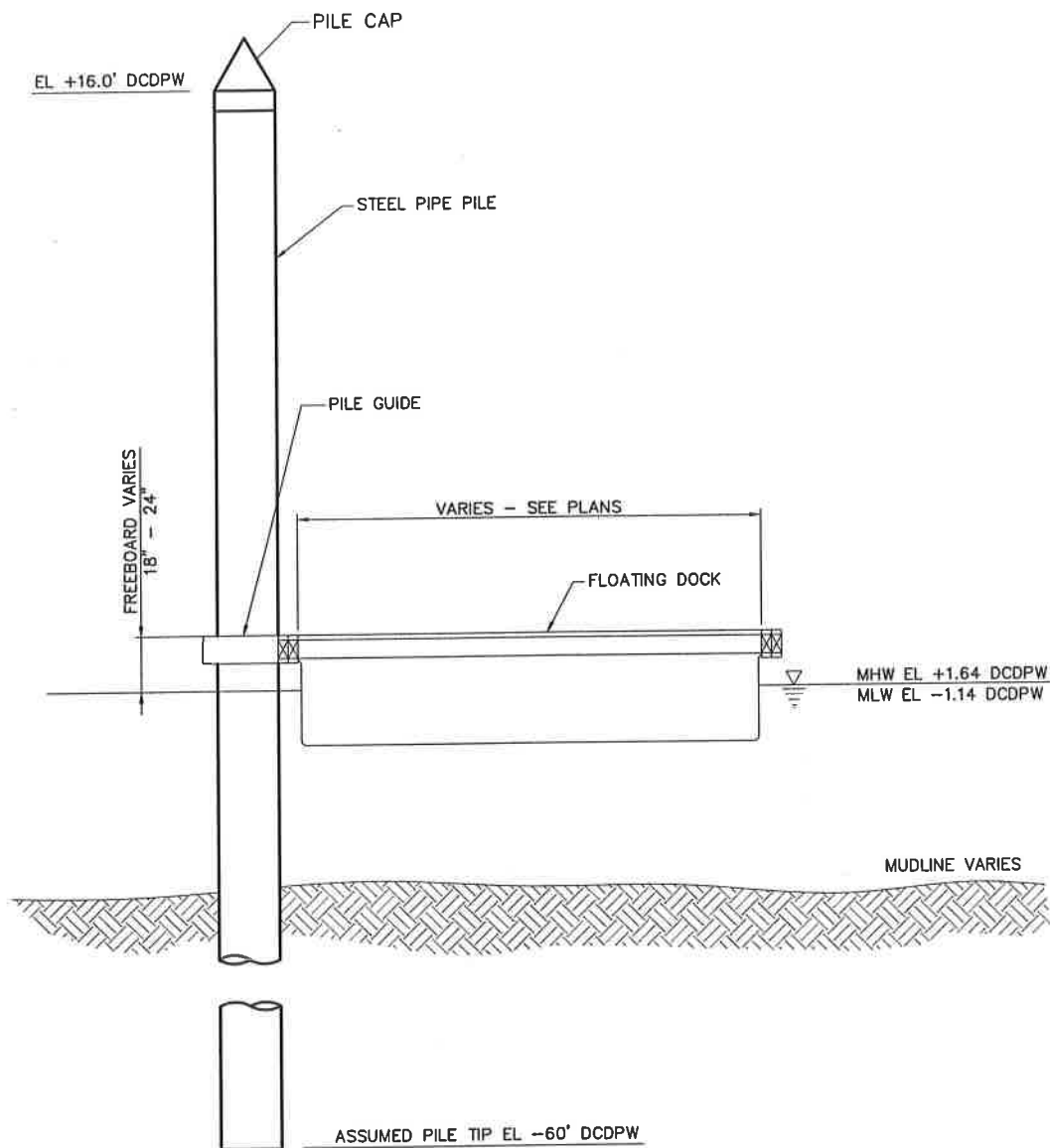
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 11 OF 37

DATE: JULY 2012



ASSUMED PILE TIP EL -60' DCDPW

06,07,08,09,10 **A** **TYPICAL FLOATING DOCK - SECTION** 05 SCALE: 1"=20'

SOUTHWEST WATERFRONT DEVELOPMENT

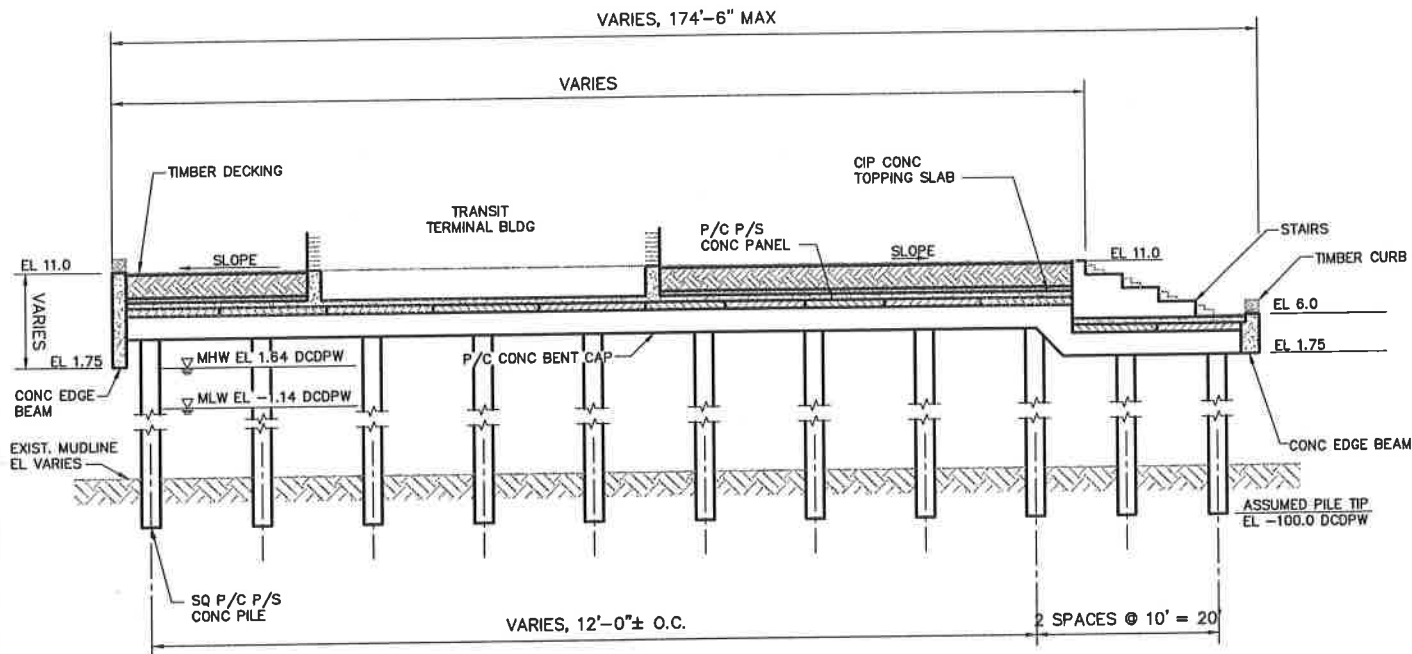
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004



SHEET 12 OF 37

DATE: JULY 2012



NOTE:
GUIDE PILES, FLOATING DOCKS
AND TIMBER FENDER SYSTEM
NOT SHOWN FOR CLARITY.



TRANSIT PIER AT TRANSITION - SECTION

SCALE: 1"=20'

SOUTHWEST WATERFRONT DEVELOPMENT

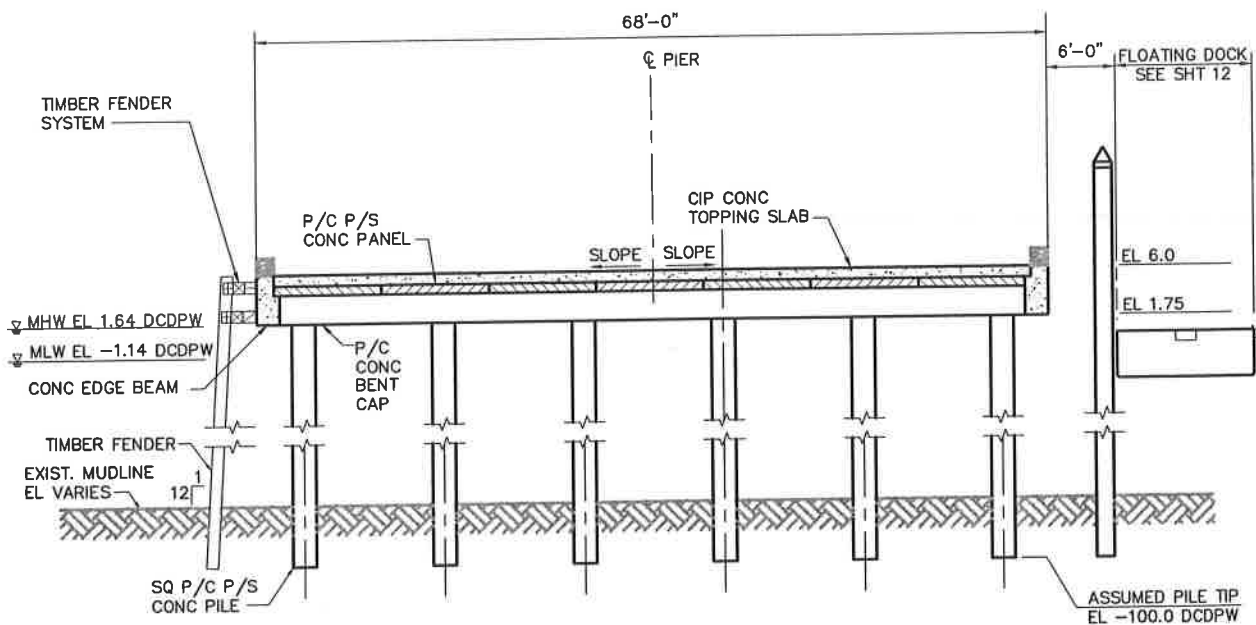
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004



SHEET 14 OF 37

DATE: JULY 2012



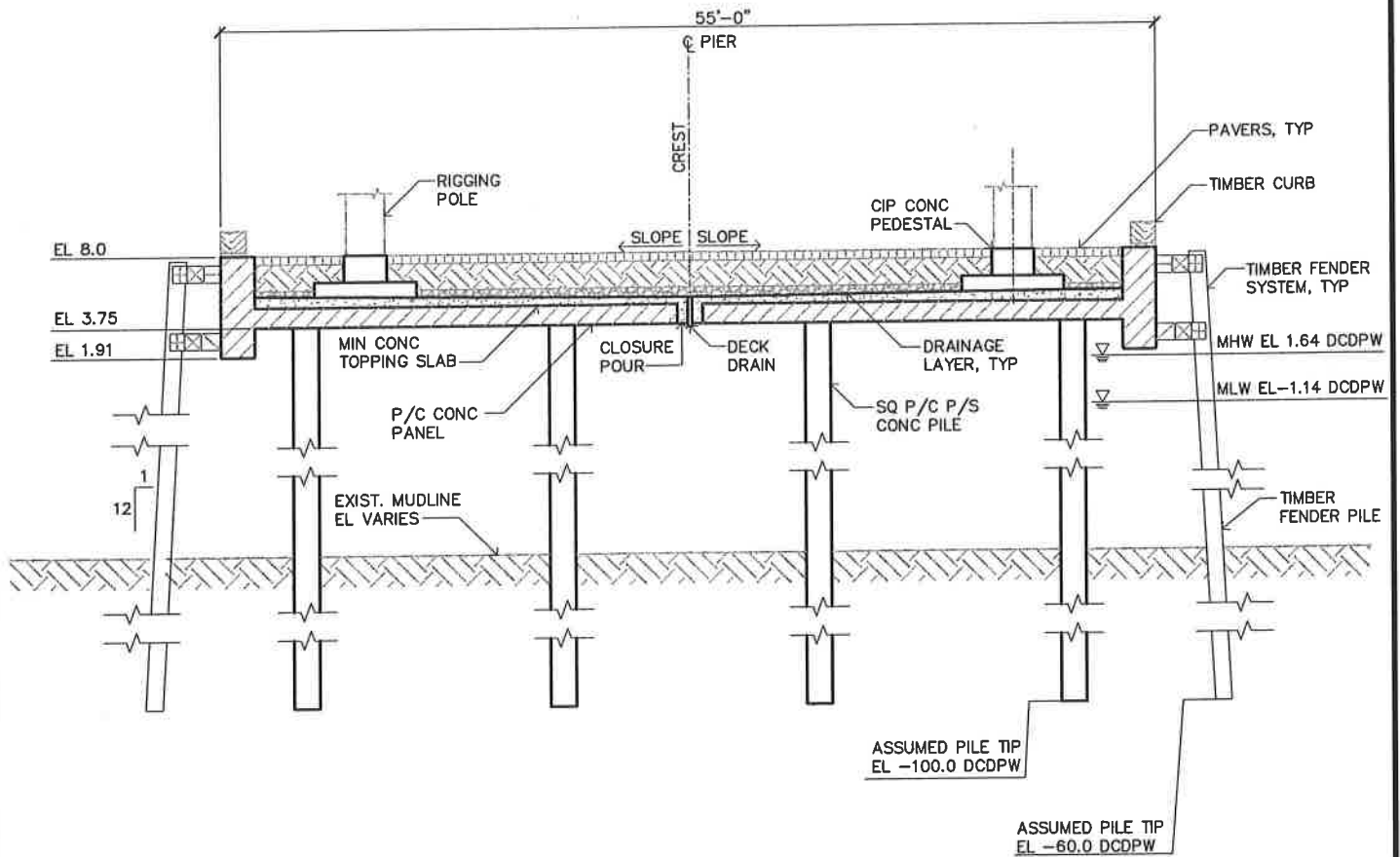
D TRANSIT PIER - SECTION

28 06 SCALE: 1/16"=1'-0"

**SOUTHWEST
WATERFRONT DEVELOPMENT**

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

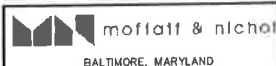


29 **E** **DISTRICT PIER - SECTION**
 06 SCALE: 3/32" = 1'-0"

**SOUTHWEST
 WATERFRONT DEVELOPMENT**

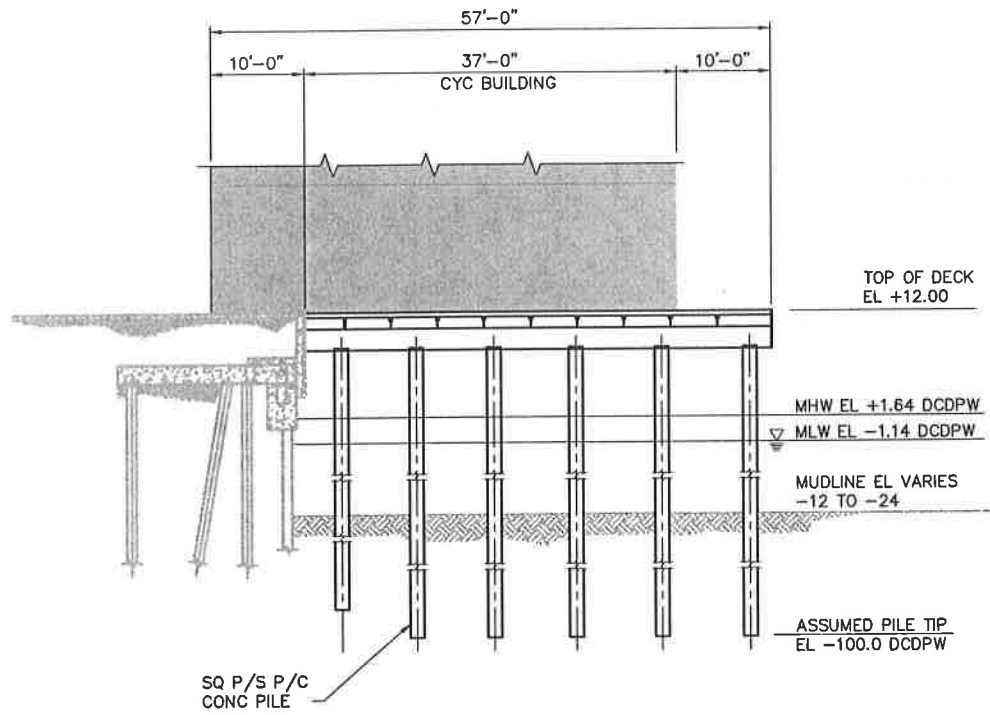
IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004



SHEET 16 OF 37

DATE: JULY 2012



F **CAPITAL YACHT CLUB PIER**
 30 07 SCALE: 1"=20'

**SOUTHWEST
 WATERFRONT DEVELOPMENT**

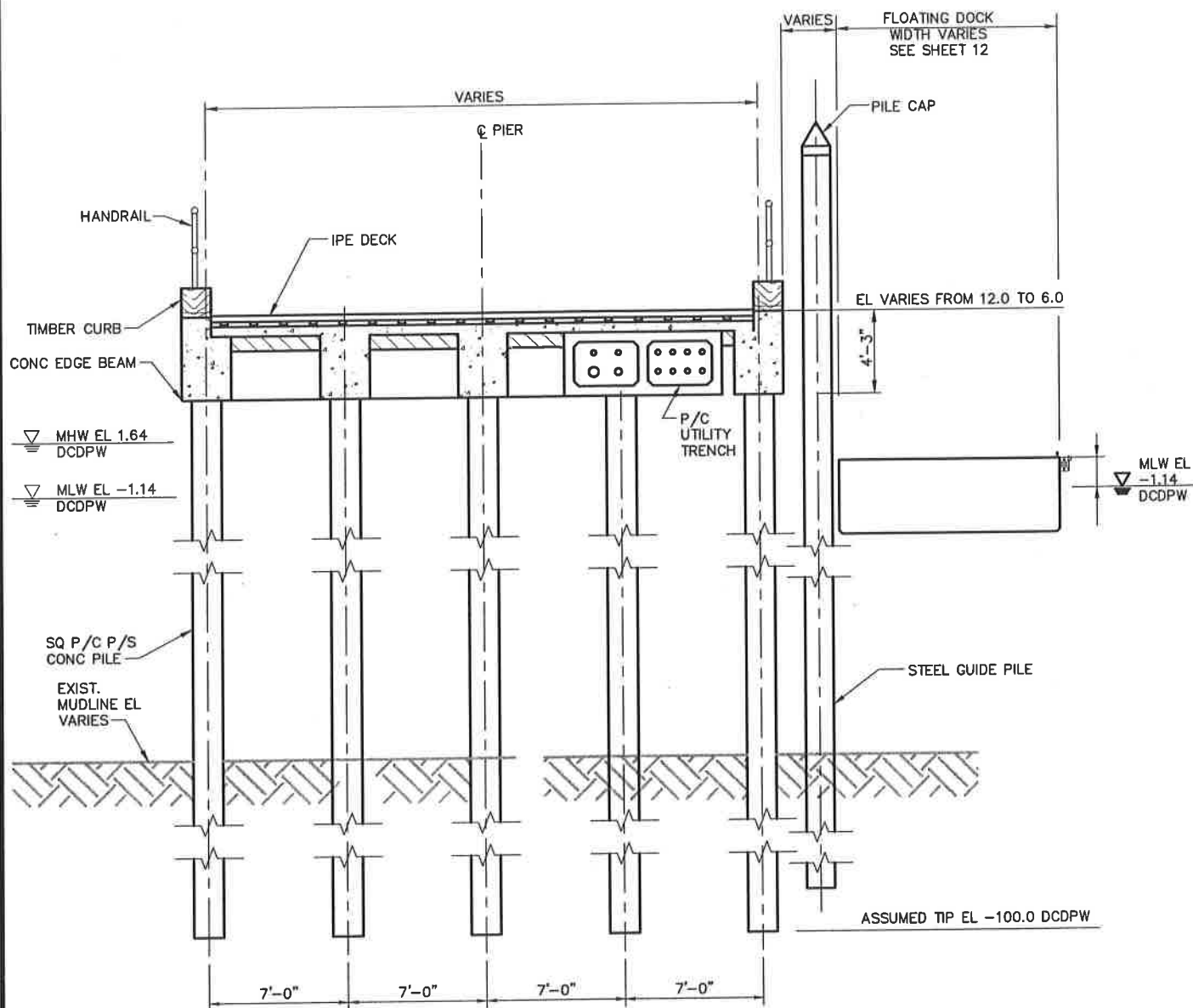
IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004

SHEET 17 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USAGE\SHEETS\7208PERMIT18 - 7TH ST PIER, 20-Jul-12 1:13 PM: Ford, Brian



31 G 08 **7TH STREET PIER - SECTION**

SCALE: 1/8"=1'-0"

SOUTHWEST WATERFRONT DEVELOPMENT

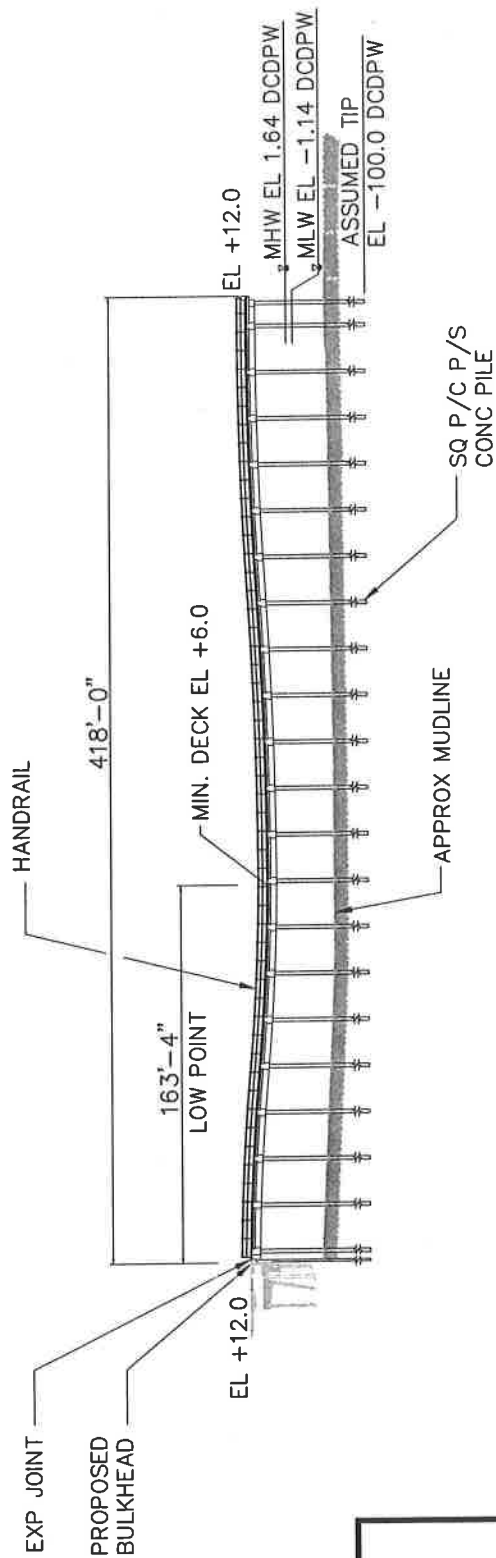
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004



SHEET 18 OF 37

DATE: JULY 2012



7TH STREET PIER - SECTION

31 08 SCALE: 1"=80'

NOTE:

SEE SHEET 12 FOR GUIDE
PILES AND FLOATING DOCKS.
TIMBER FENDER SYSTEM NOT
SHOWN FOR CLARITY.

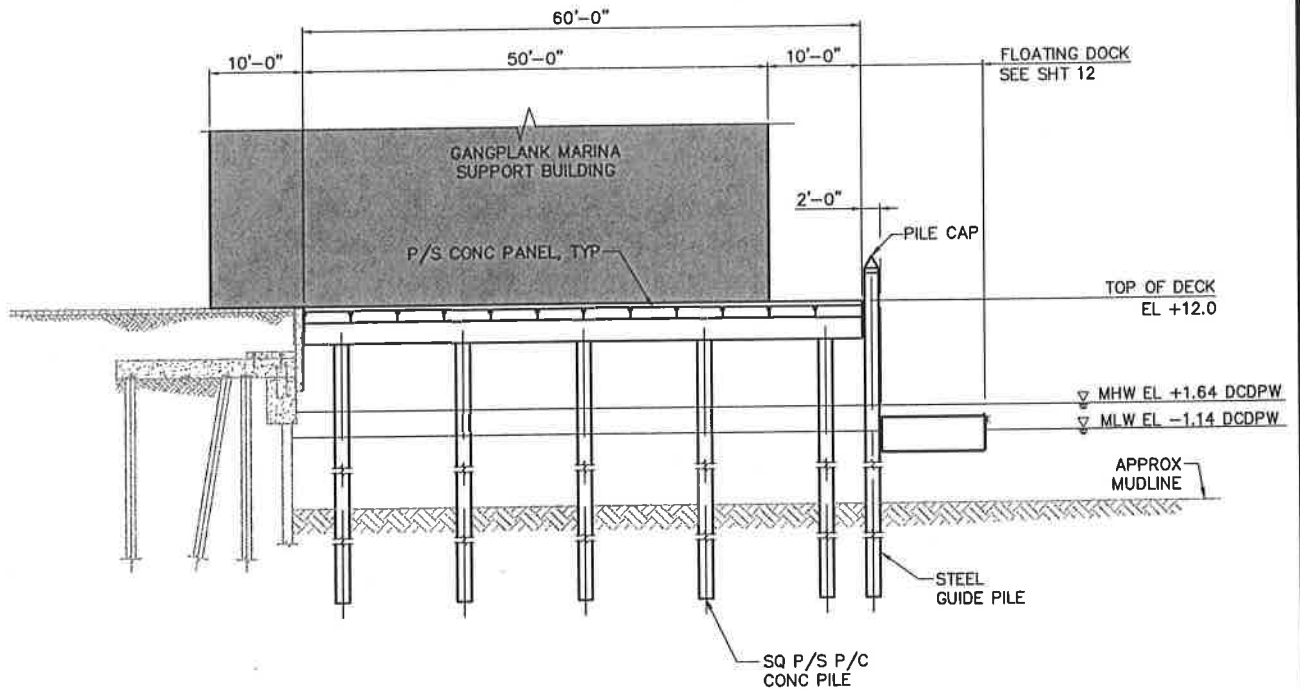
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 19 OF 37

DATE: JULY 2012



J **GANGPLANK MARINA BUILDING PLATFORM - SECTION**
 32 09 SCALE: 1"=20'

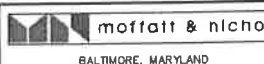
**SOUTHWEST
 WATERFRONT DEVELOPMENT**

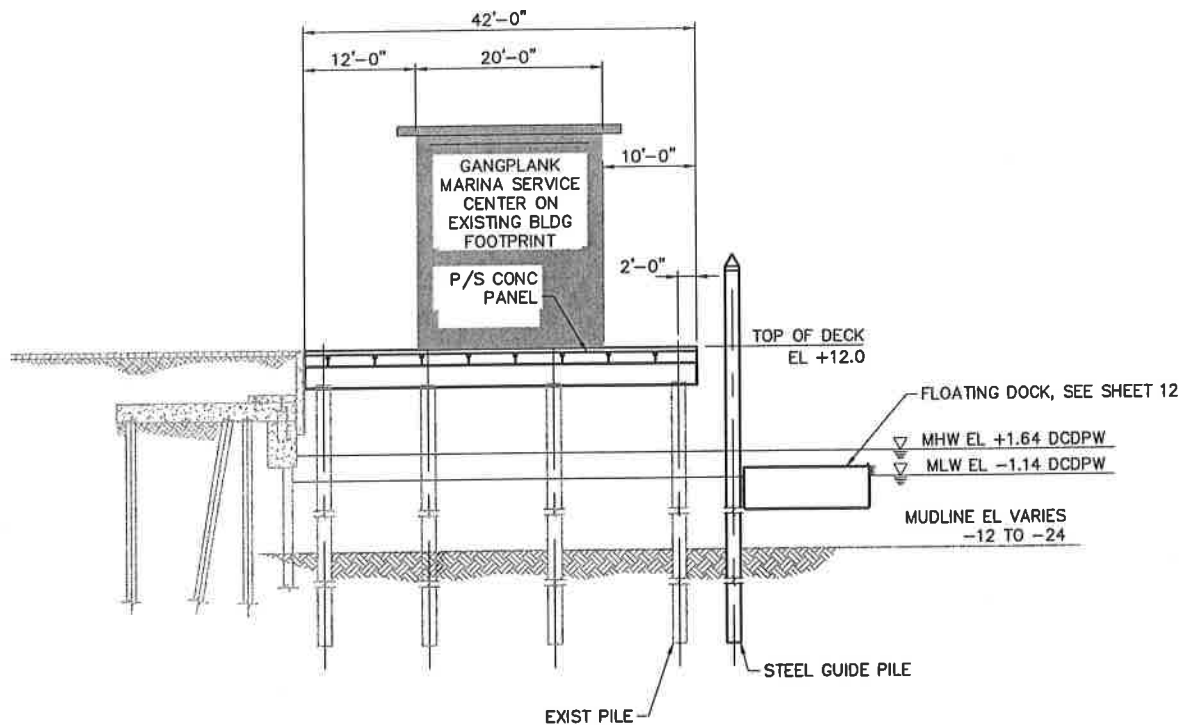
IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004

SHEET 20 OF 37

DATE: JULY 2012



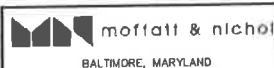


K
09 **GANGPLANK MARINA SERVICE CENTER PLATFORM - SECTION**
SCALE: 1"=20'

**SOUTHWEST
WATERFRONT DEVELOPMENT**

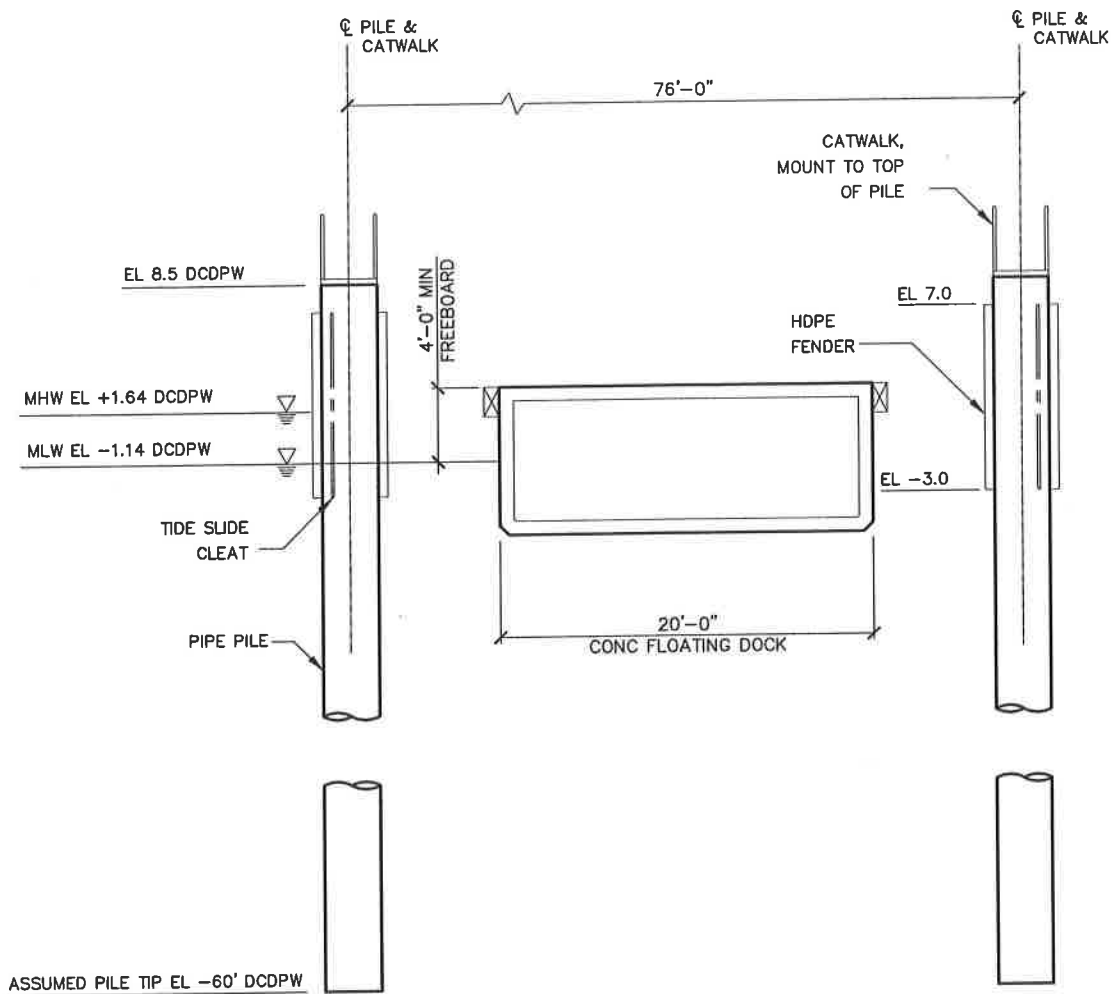
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004



SHEET 21 OF 37

DATE: JULY 2012



PIER 4 - SECTION
 SCALE: 1"=10'

33

M

11



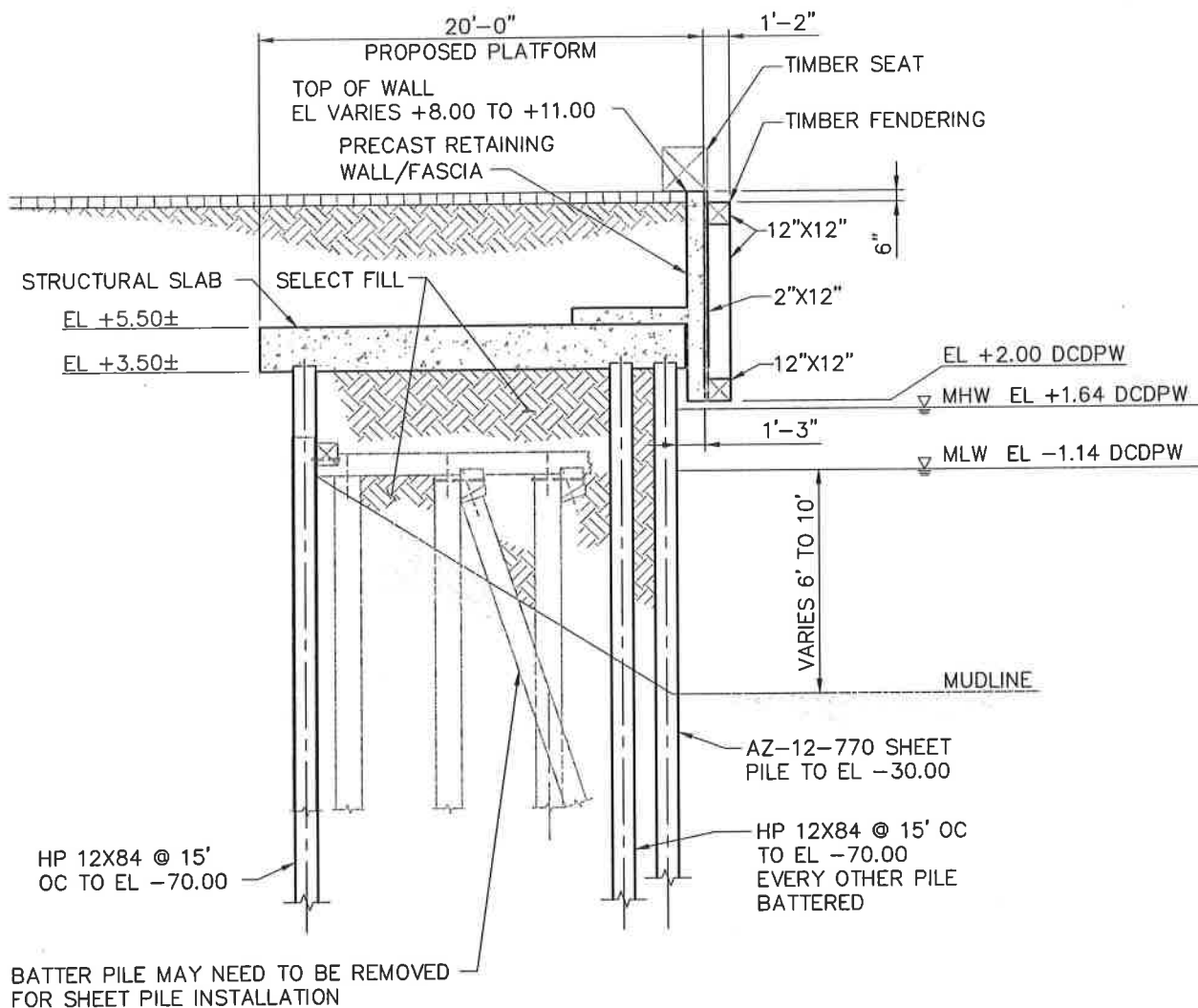
**SOUTHWEST
WATERFRONT DEVELOPMENT**

IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004

SHEET 22 OF 37

DATE: JULY 2012



STA 101+25.00 TO STA 103+65.00

N
02

SECTION - NEW BULKHEAD

SCALE: 1/8"=1'-0"

SUMMARY:

EXISTING TIMBER STRUCTURE TO
BE ABANDONED IN PLACE.

PROPOSED BULKHEAD

240 LF



moftatt & nichol
BALTIMORE, MARYLAND

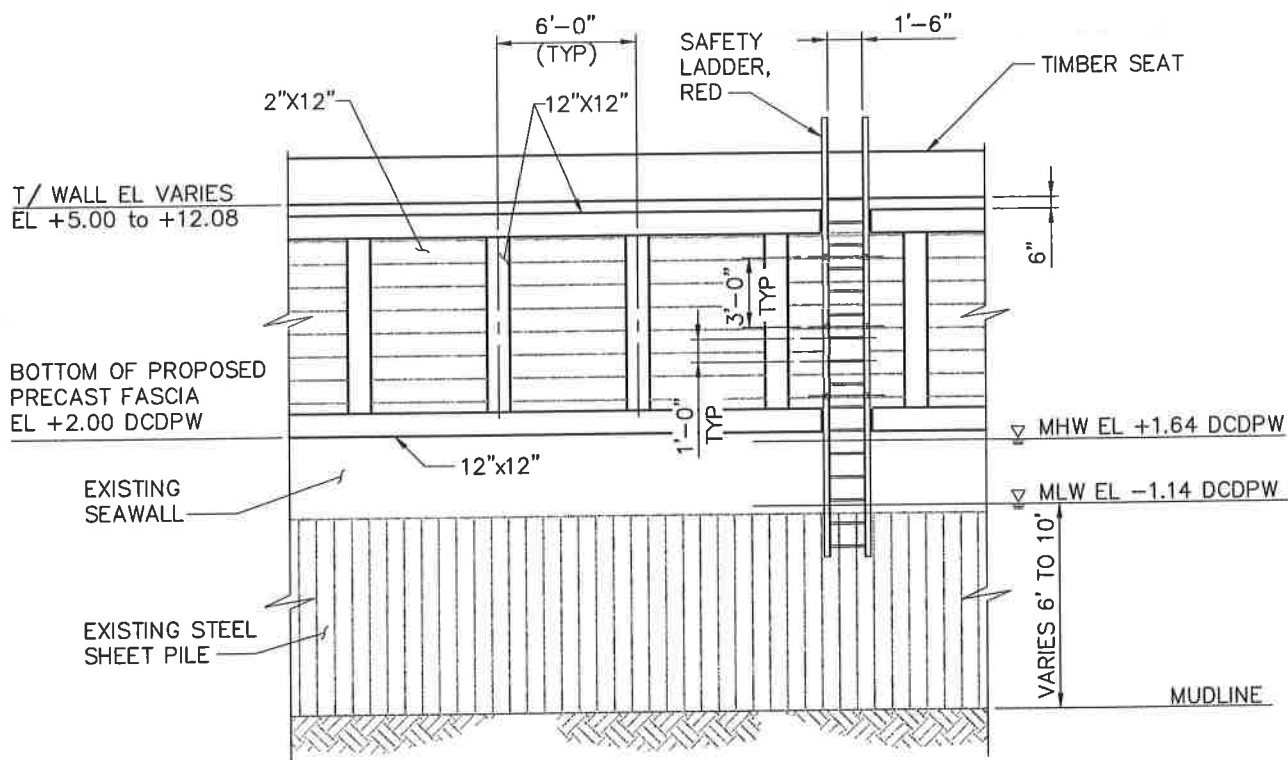
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 23 OF 37

DATE: JULY 2012



0
04

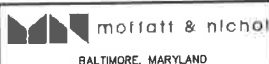
TYPICAL ELEVATION - TIMBER FENDERING

SCALE: 1/8"=1'-0"

SUMMARY:

TIMBER FENDERING

640 LF



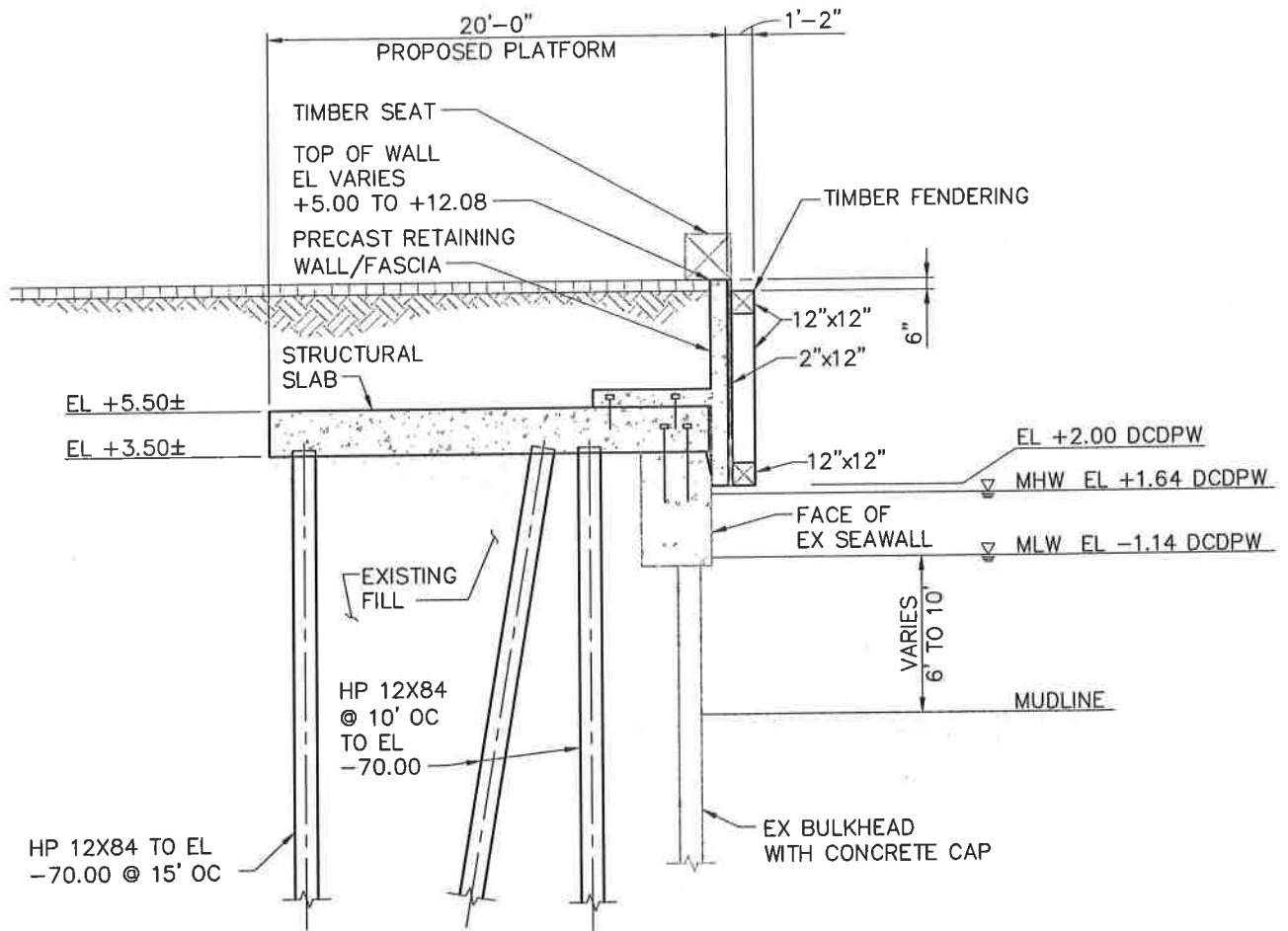
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 24 OF 37

DATE: JULY 2012



**STA 100+00.00 TO STA 101+25.00
AND STA 103+65.00 TO STA 131+53.00**

SECTION - TYPICAL BULKHEAD REPAIR
SCALE: 1/8"=1'-0"

SUMMARY:

PROPOSED BULKHEAD REPAIR

2,913 LF

moffatt & nichols
BALTIMORE, MARYLAND

**SOUTHWEST
WATERFRONT DEVELOPMENT**

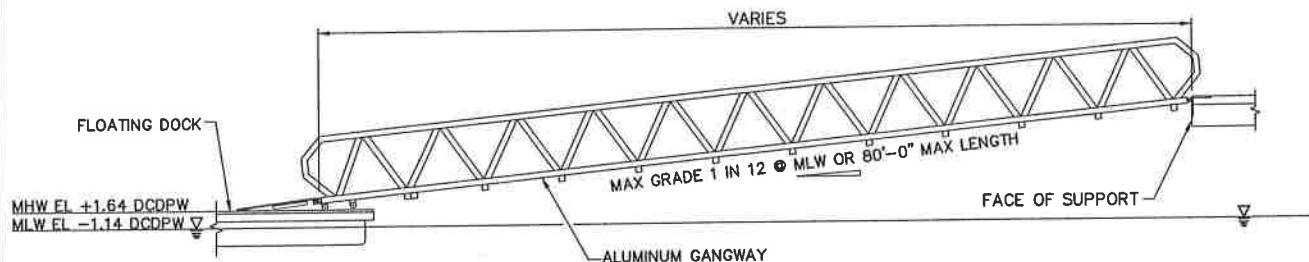
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 25 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USACE\SHEETS\7208PERMIT28 - TYP GANGWAY SEC; 20-Jul-12 1:23 PM; Ford, Brian



06,07,09,10,11 **(R) 05** **TYPICAL GANGWAY - SECTION**
SCALE: 3/32"=1'-0"



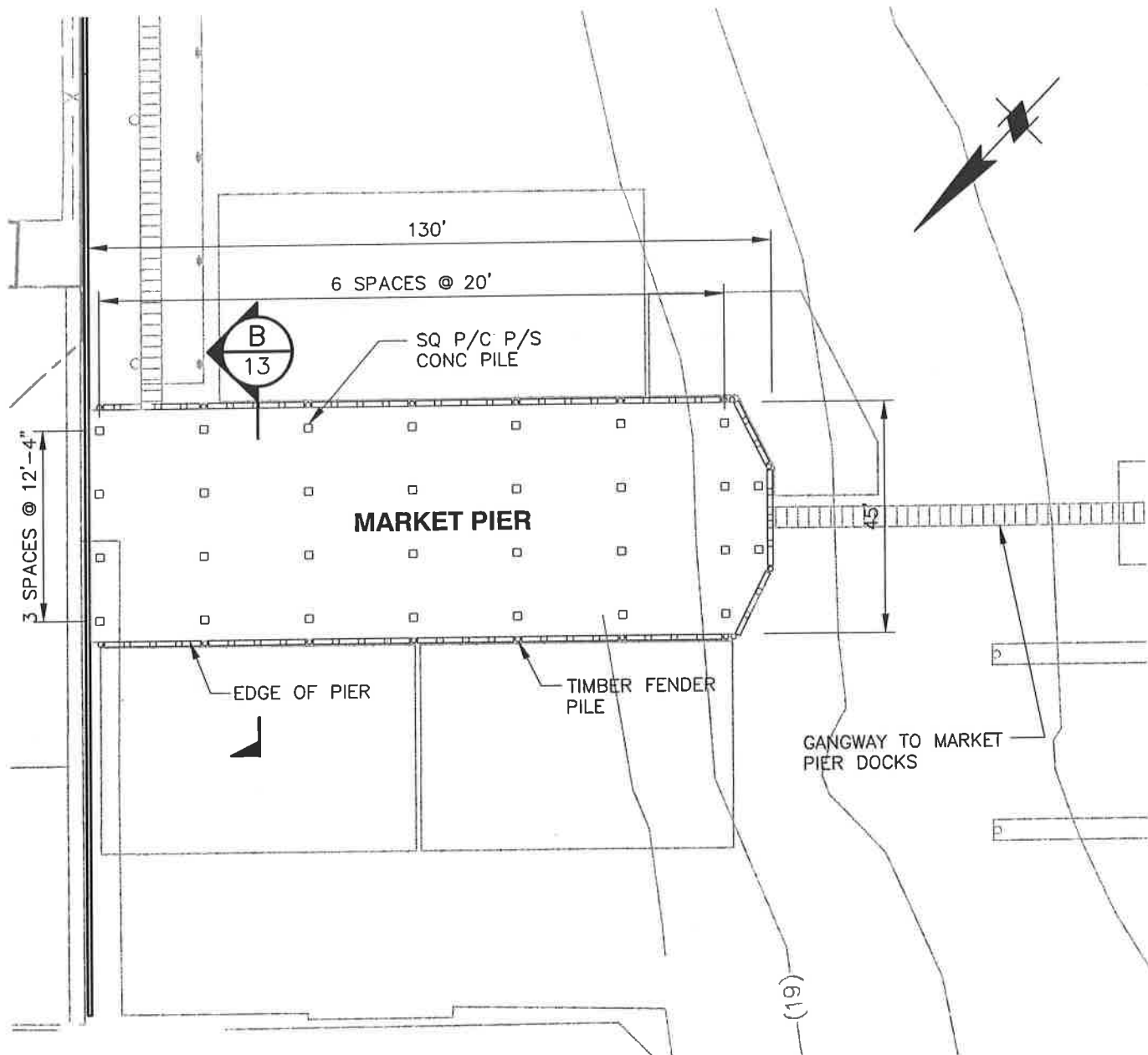
**SOUTHWEST
WATERFRONT DEVELOPMENT**

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 26 OF 37

DATE: JULY 2012



PILE PLAN - MARKET PIER AND DOCKS

SCALE: 1" = 30'

SUMMARY:

PIER:	30 EA
FIXED PIER PILES	18 EA
FENDER PILES	



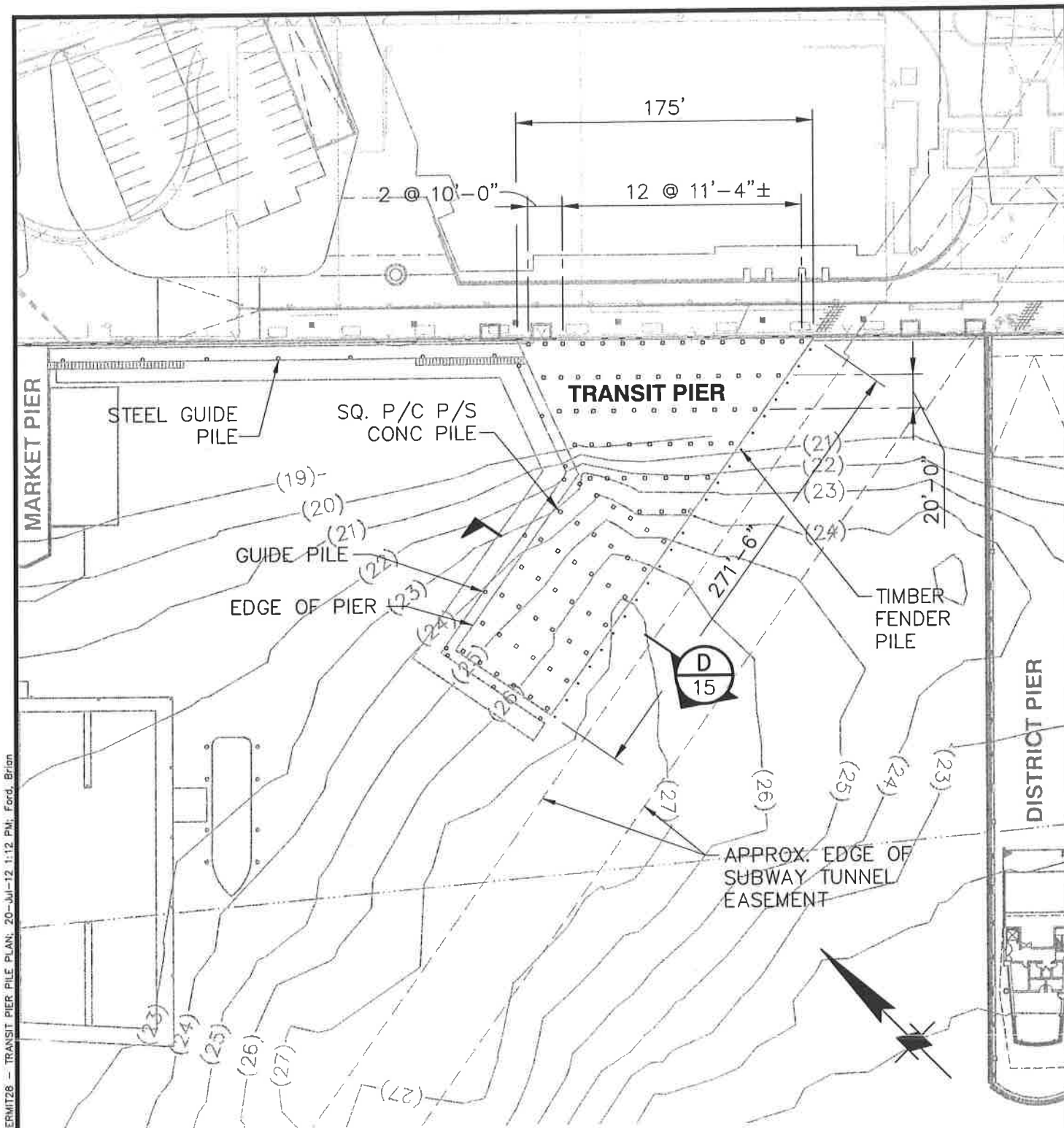
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 27 OF 37

DATE: JULY 2012



PILE PLAN - TRANSIT PIER

SCALE: 1" = 80'

SUMMARY:

PIER:
FIXED PIER PILES
FENDER PILES
GUIDE PILES

100 EA
23 EA
17 EA



moffatt & nichols
BALTIMORE, MARYLAND

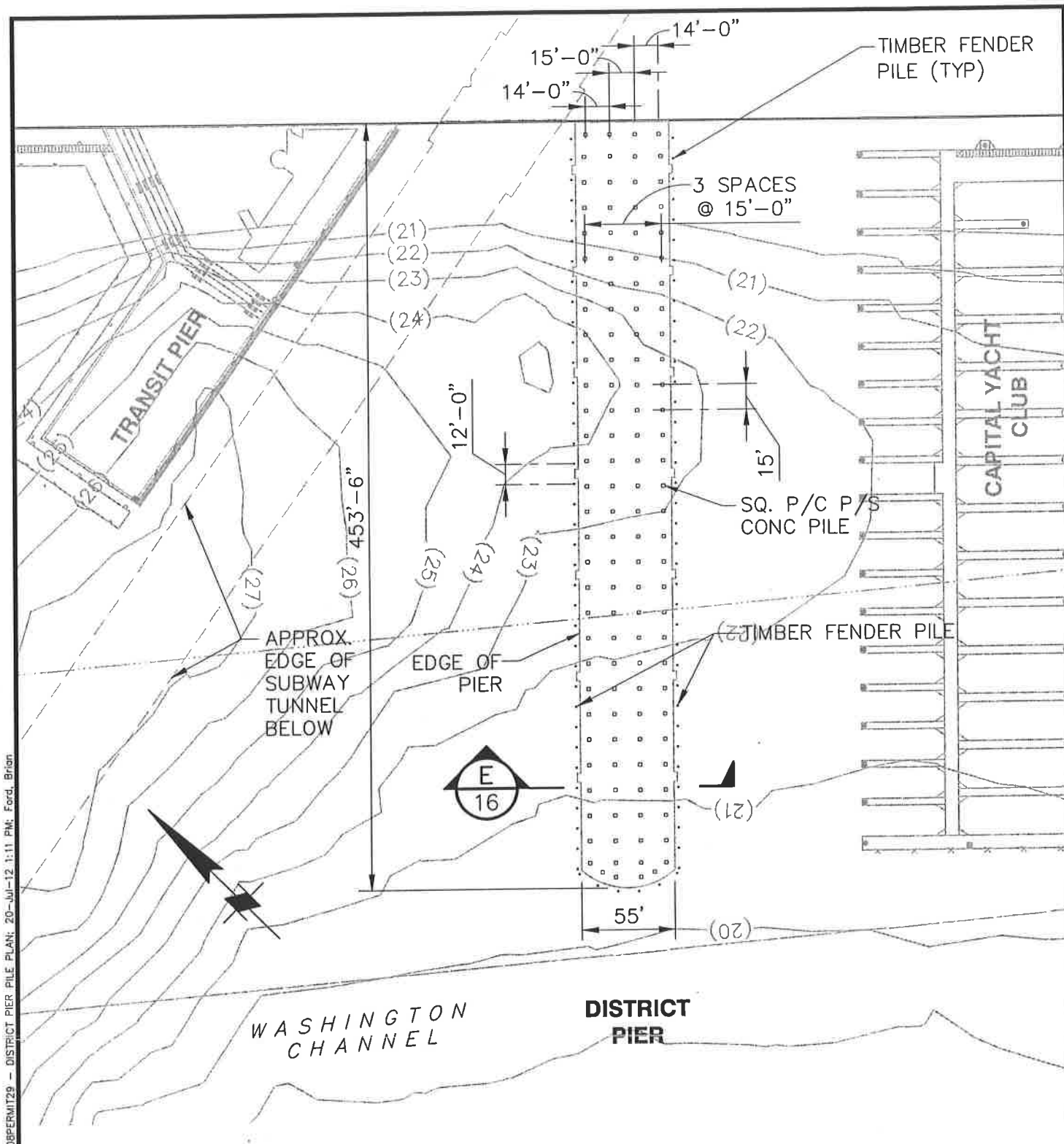
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 28 OF 37

DATE: JULY 2012



PILE PLAN - DISTRICT PIER

SCALE: 1" = 80'

SUMMARY:

PIER:
FIXED PIER PILES
FENDER PILES

124 EA
79 EA



SOUTHWEST WATERFRONT DEVELOPMENT

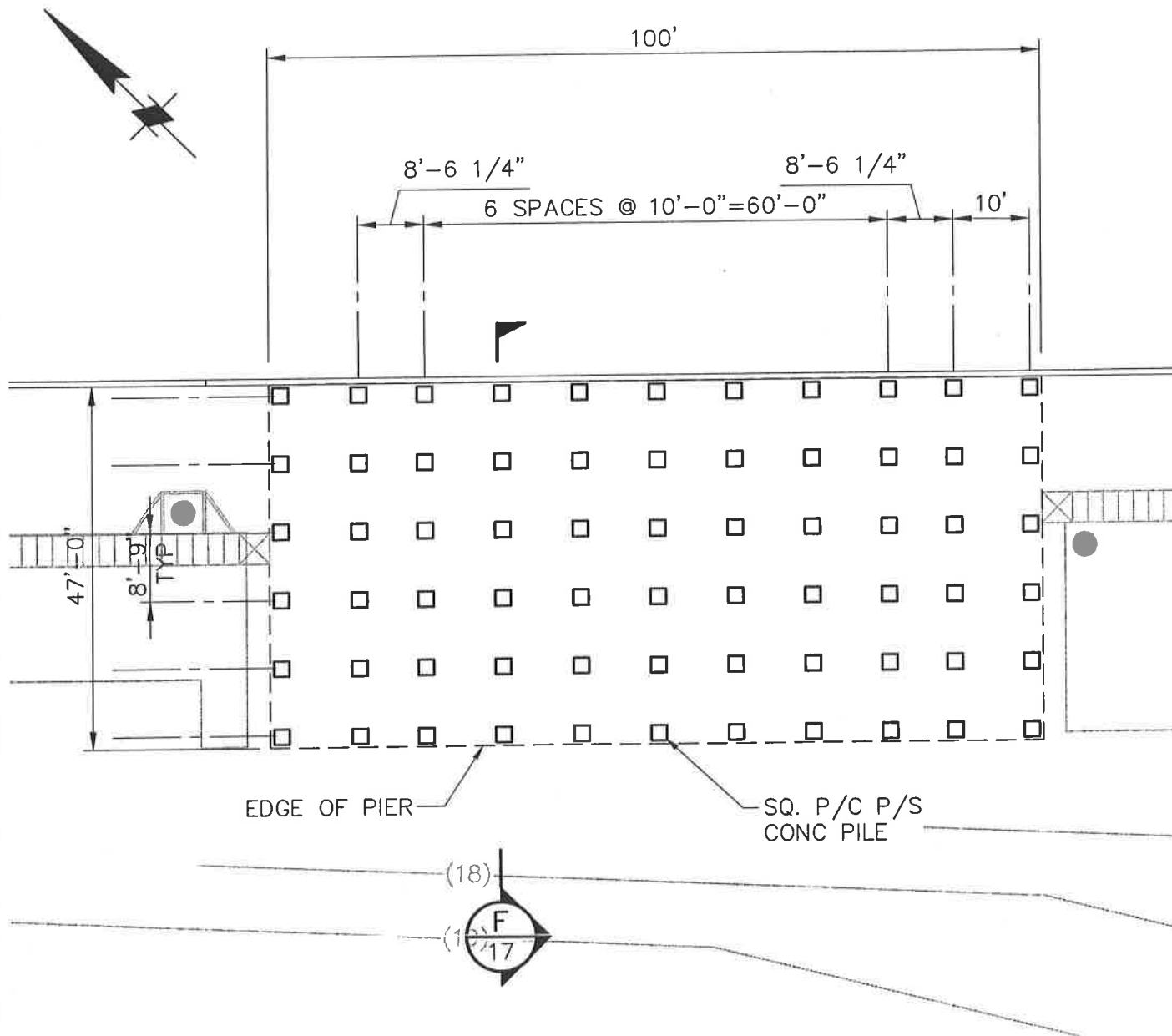
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 29 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USAGE\7208PERMIT30 - CYC PILE PLAN, 20-Jul-12 1:11 PM, Ford, Brian



PILE PLAN - CYC PIER

SCALE: 1" = 20'

SUMMARY:

PILES

66 EA



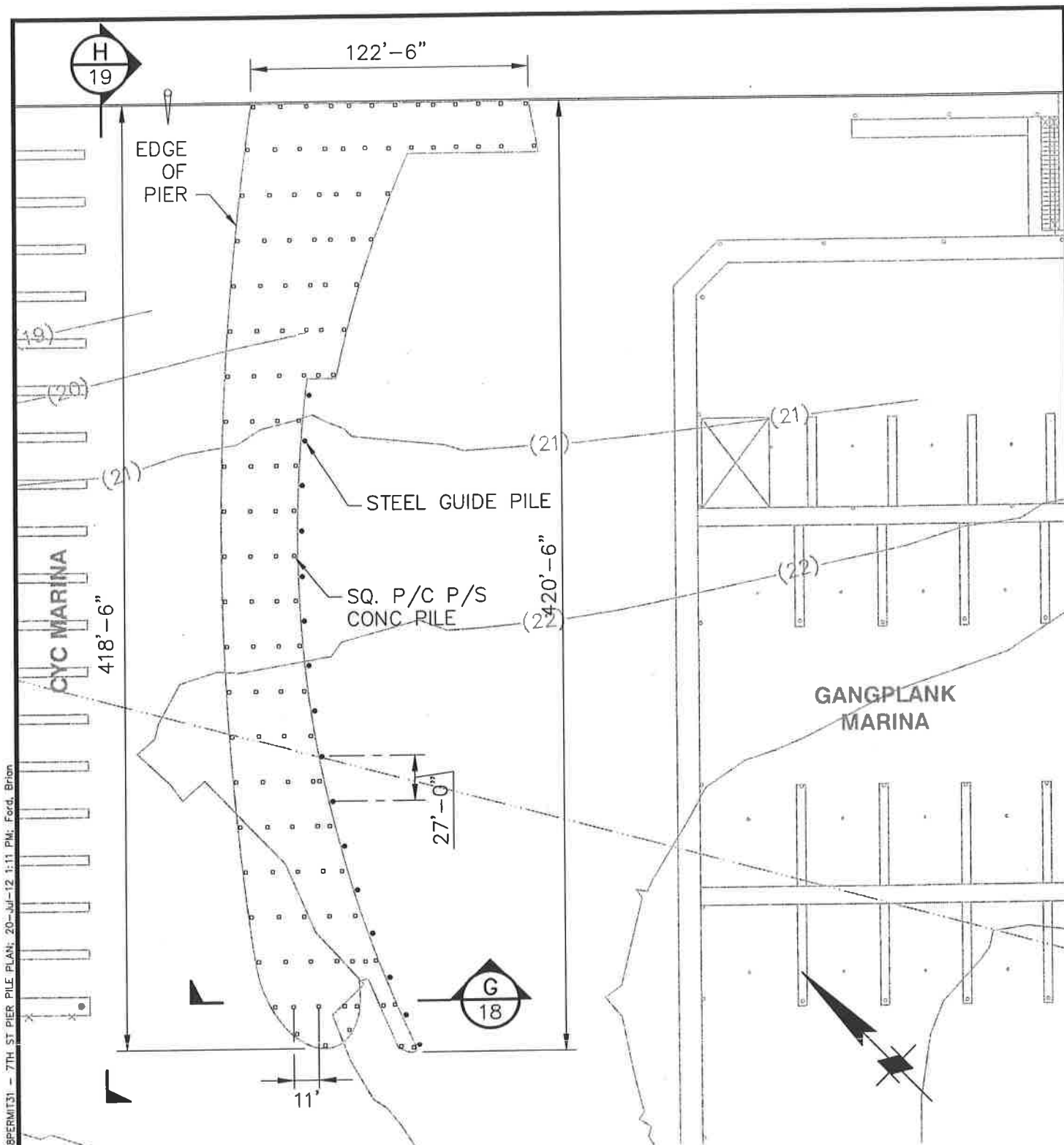
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 30 OF 37

DATE: JULY 2012



PILE PLAN - 7TH STREET PIER

SCALE: 1" = 60'

SUMMARY:

PIER:	
FIXED PIER PILES	128 EA
DOCKS:	
GUIDE PILES	16 EA

moftatt & nichol
BALTIMORE, MARYLAND

SOUTHWEST WATERFRONT DEVELOPMENT

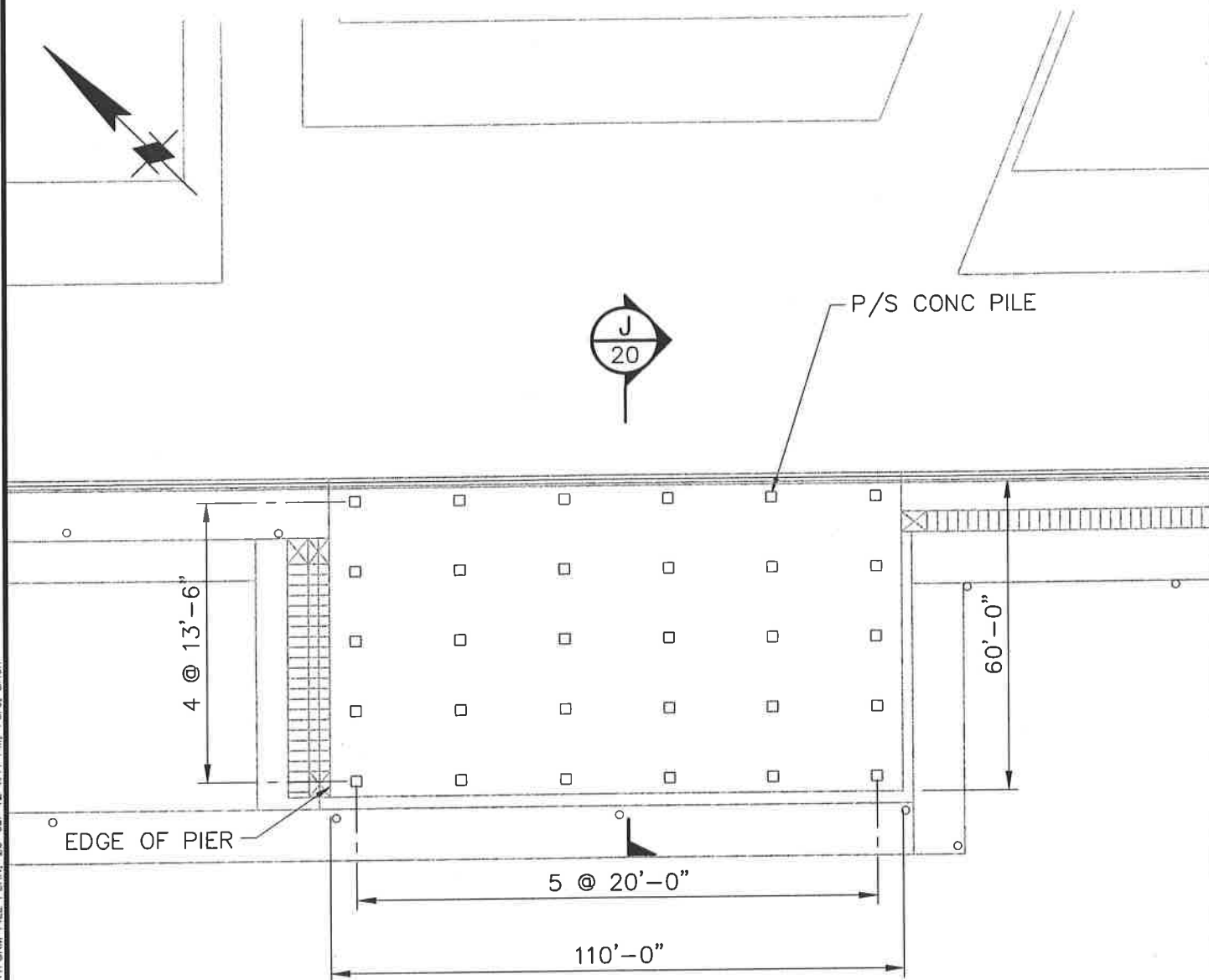
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 31 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USAGE\SHEETS\7208PERMIT32 - GANGPLANK PLATFORM PILE PLAN: 20-Jul-12 1:11 PM: Ford, Brian



PILE PLAN - GANGPLANK MARINA PIER

SCALE: 1" = 30'

SUMMARY:

PIER:
FIXED PIER PILES

30 EA



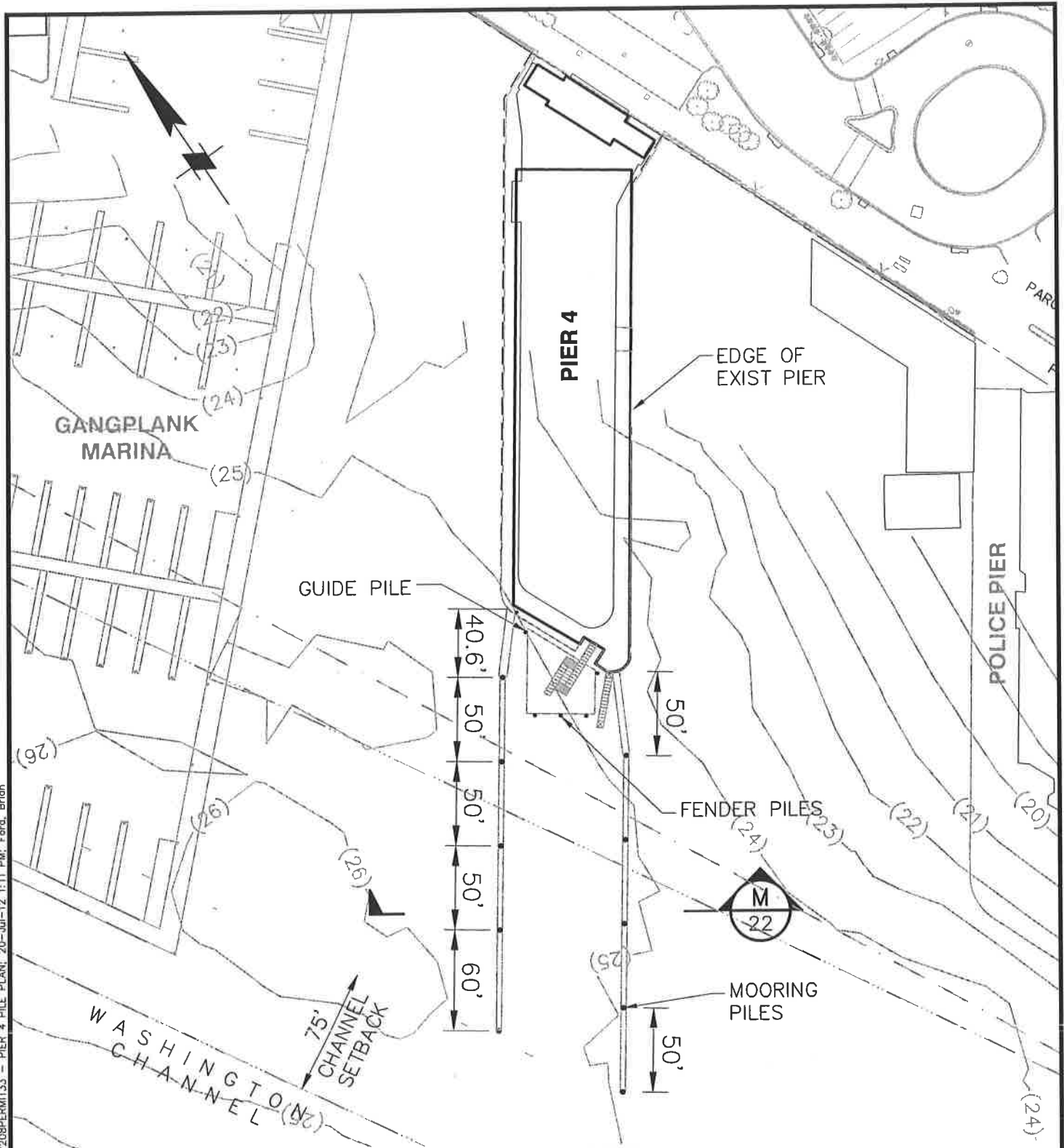
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 32 OF 37

DATE: JULY 2012



PILE PLAN - PIER 4

SCALE: 1" = 80'

SUMMARY:

GUIDE PILES	2 EA
FENDER PILES	3 EA
MOORING PILES	10 EA

SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

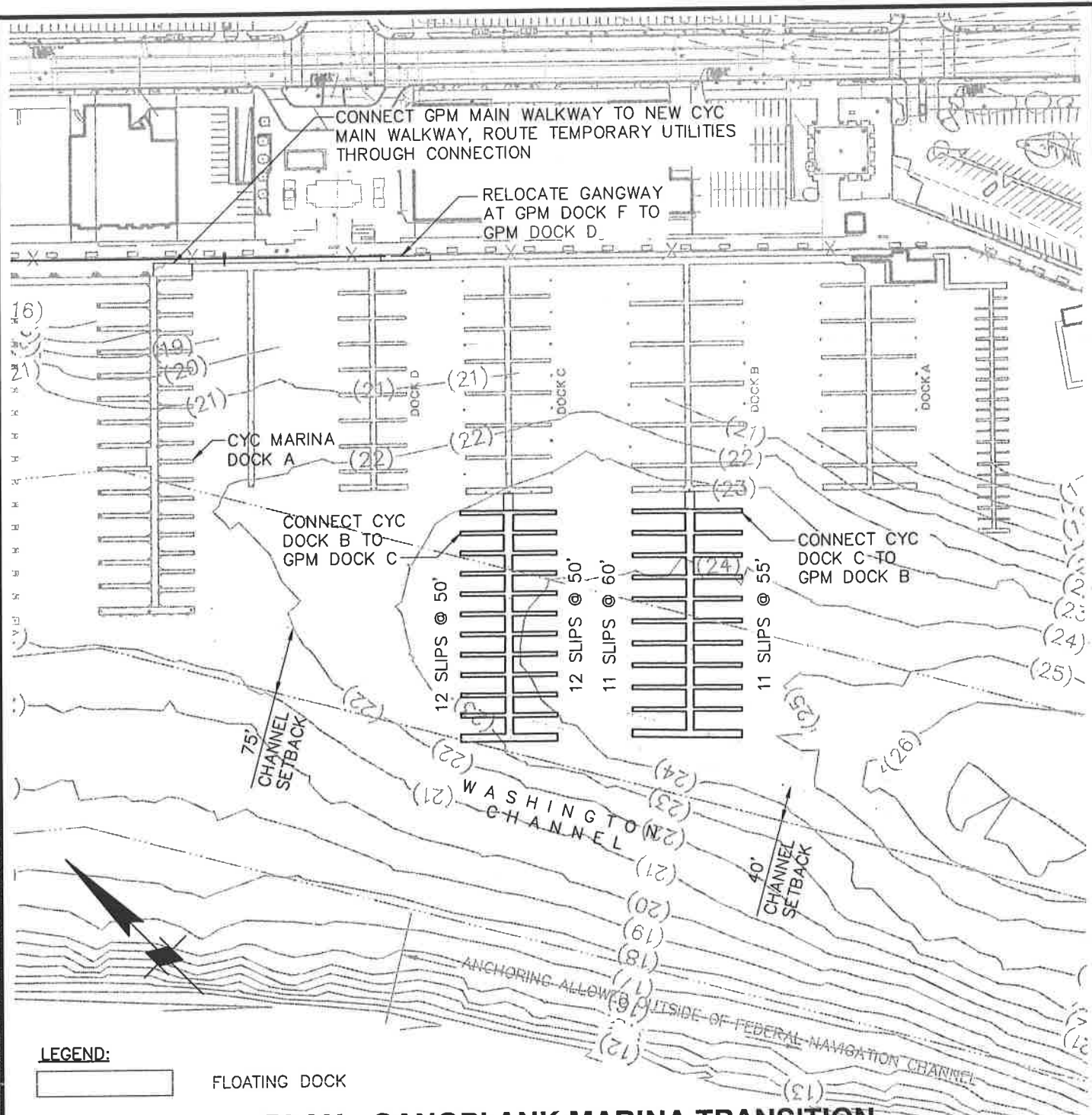
GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 33 OF 37

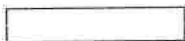
DATE: JULY 2012



P:\7208-00\CADD\ACTIVE\00_USAGE\SHEETS\7208PERMIT34 - TRANSITION PLAN, 20-Jul-12 1:10 PM, Ford, Brian



LEGEND:



FLOATING DOCK

PLAN - GANGPLANK MARINA TRANSITION

SCALE: 1" = 160'

SUMMARY:

TRANSITION DOCKS	46 EA
SLIPS	1723 SF
FLOATING DOCK	



**SOUTHWEST
WATERFRONT DEVELOPMENT**

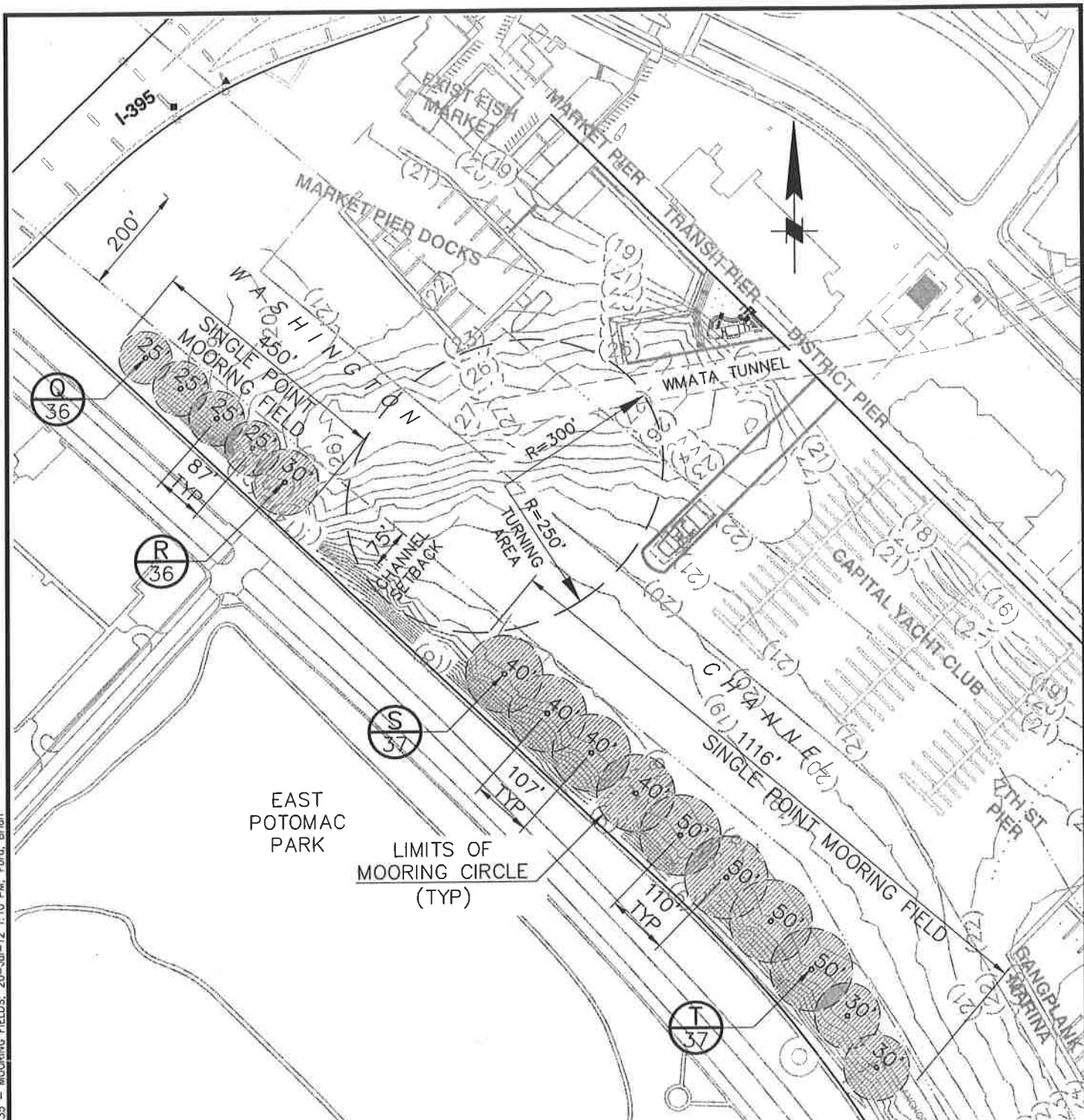
IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 34 OF 37

DATE: JULY 2012

P:\7208-00\CADD\ACTIVE\00_USACE\SHEETS\7208PERMIT35 - MOORING FIELDS: 20-Jul-12 1:10 PM: Ford, Brian



PLAN - MOORING FIELD

SCALE: 1" = 250'

SUMMARY:

SLIPS

15 EA

NOTE THAT THE MAXIMUM SIZE OF BOAT
IS INDICATED AT EACH MOORING



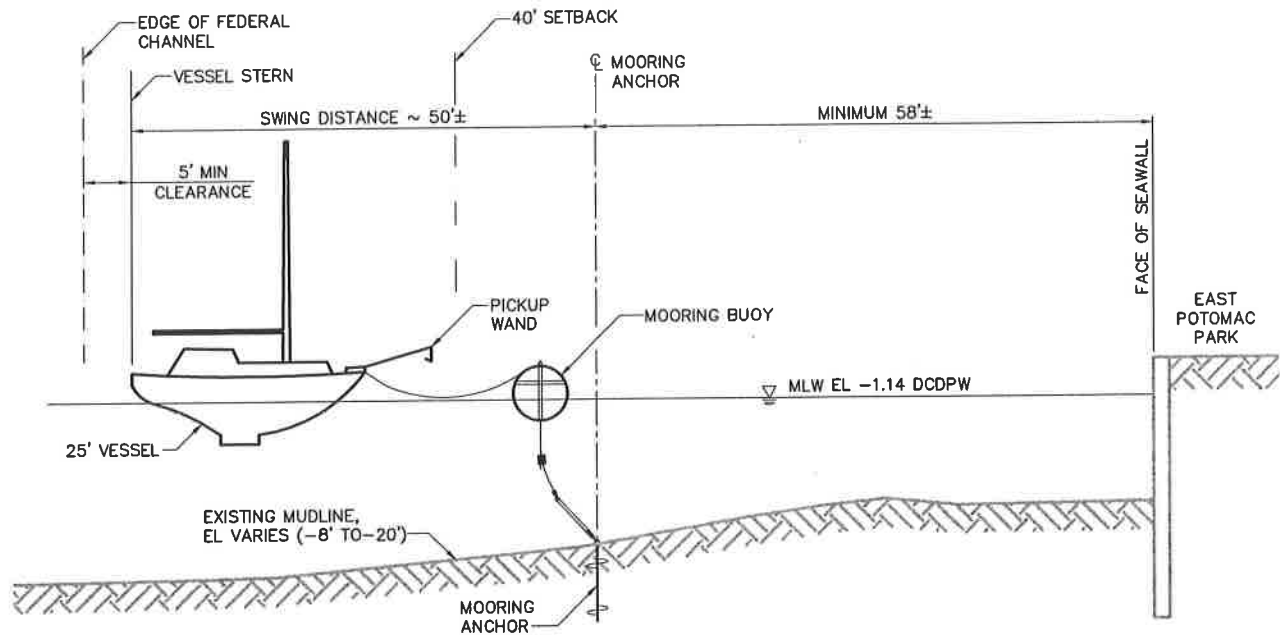
SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
NEAR: EAST POTOMAC PARK
APPLICATION BY:

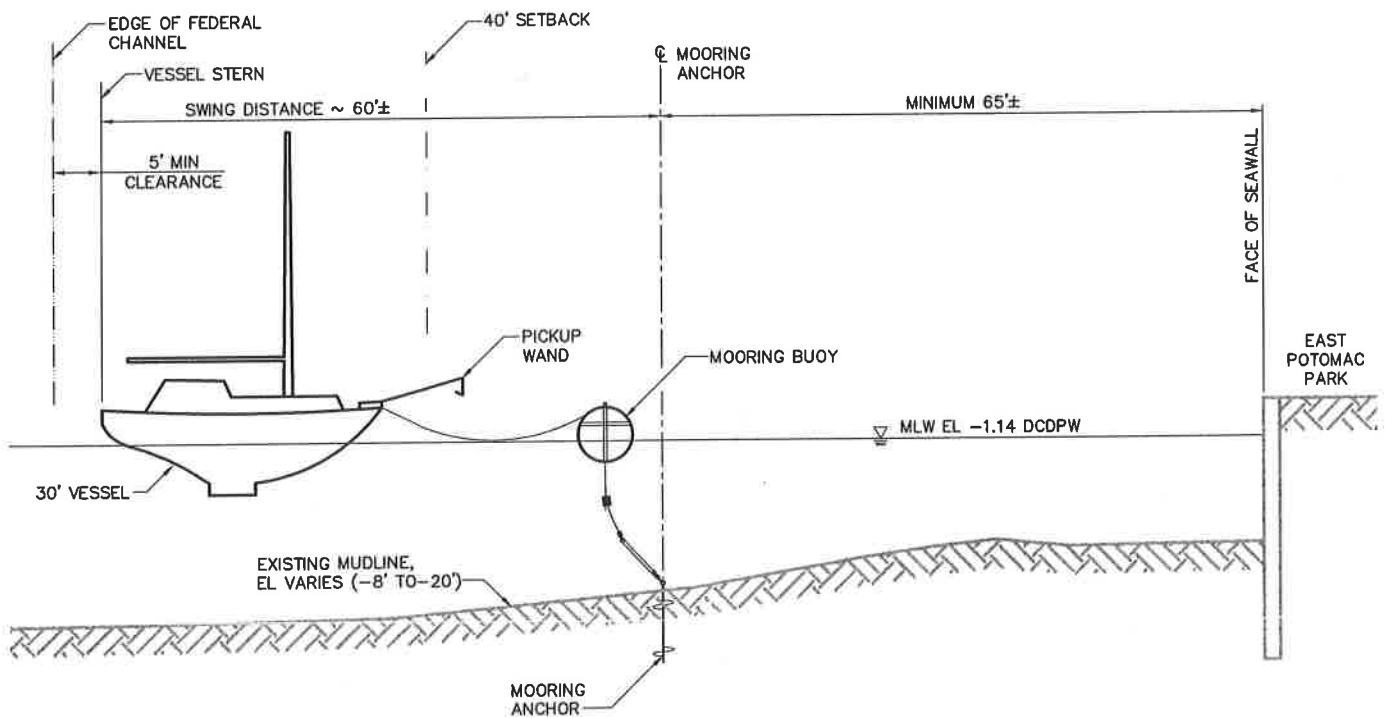
GOVERNMENT OF THE DISTRICT OF COLUMBIA
1350 PENNSYLVANIA AVE NW, SUITE 317
WASHINGTON, DC 20004

SHEET 35 OF 37

DATE: JULY 2012



Q **TYPICAL MOORING - 25' VESSEL**
 SCALE: 1"=20'



R **TYPICAL MOORING - 30' VESSEL**
 SCALE: 1"=20'

SOUTHWEST WATERFRONT DEVELOPMENT

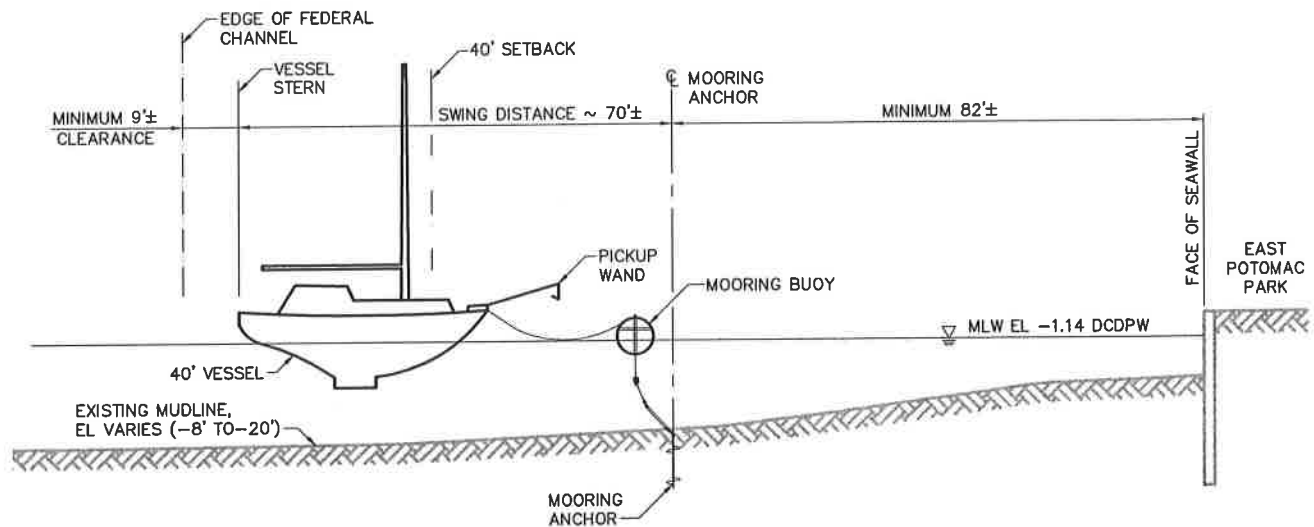
IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004

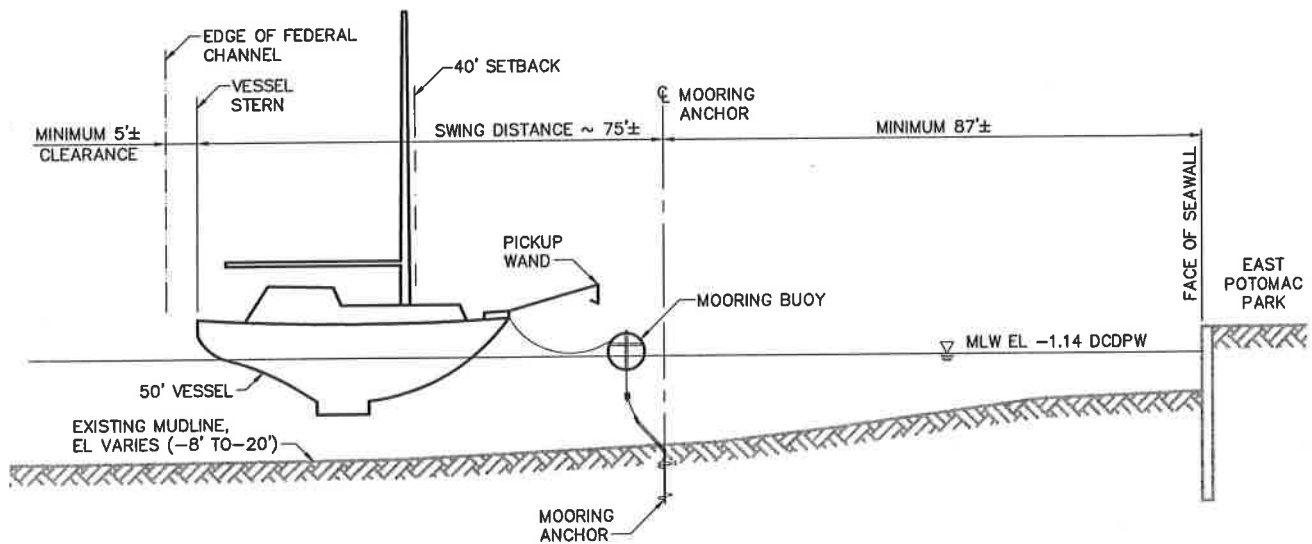


SHEET 36 OF 37

DATE: JULY 2012



S **TYPICAL MOORING - 40' VESSEL**
 35 SCALE: 1"=30'



T **TYPICAL MOORING - 50' VESSEL**
 35 SCALE: 1"=30'

SOUTHWEST WATERFRONT DEVELOPMENT

IN: WASHINGTON CHANNEL
 NEAR: EAST POTOMAC PARK
 APPLICATION BY:

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 1350 PENNSYLVANIA AVE NW, SUITE 317
 WASHINGTON, DC 20004



SHEET 37 OF 37

DATE: JULY 2012