

**U.S. Army Corps  
Of Engineers  
Baltimore District**

# Public Notice

**In Reply to Application Number  
CENAB-OP-RMN (1715 Thames Street, LLC)  
2014-60949-M02**

**PN 14-49**

**Comment Period: September 15, 2014 – October 15, 2014**

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THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC ABOUT THE WORK DESCRIBED BELOW. AT THIS TIME, NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED.

The Baltimore District has received an application for a Department of the Army Permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C. 1344), as described below.

**APPLICANT:** 1715 Thames Street, LLC  
1010 Hull Street, Suite 220  
Baltimore, Maryland 21230

**LOCATION AND WATERWAY:** Patapsco River, near Fells Point, Baltimore City, Maryland

**WORK:** To construct the following work on an existing pier: an approximately 166-foot by 134-foot, 37 foot tall four story hotel, a 40-foot by 70-foot bar building, a 60-foot by 30-foot pool, and a 41,998 square foot 24-inch thick concrete slab over an existing concrete slab. In addition, to construct 632 linear feet of steel sheet pile bulkheading to extend a maximum of 4.5 feet channelward of a deteriorating bulkhead, and to place approximately 1,727 cubic yards of clean fill material landward of the bulkhead. A concrete edge beam is proposed to extend a maximum of approximately four feet channelward of the proposed bulkhead and 10-feet 6-inches channelward of an existing bulkhead. The applicant also proposes to install 210 concrete/steel support piles under the existing pier and 168 timber fender piles around the perimeter of the pier for the temporary mooring of 10 to 12 recreational boats. None of the work is to extend more than 271 feet channelward of the approximate mean high water shoreline.

The purpose of the project is to rehabilitate a pier, construct a hotel with amenities, and provide temporary mooring facilities. All work is to be completed in accordance with the enclosed plans. If you have any questions concerning this matter, please contact Mr. Jon Romeo at (410) 962-6079 or at [jon.romeo@usace.army.mil](mailto:jon.romeo@usace.army.mil).

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation,

water quality, energy needs, safety, food and fiber production, and, in general, the needs and welfare of the people.

An evaluation of the work described above on the public interest will include application of the Clean Water Act Section 404 (b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

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

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [ATTN: Mr. Jon Romeo, CENAB-OP-RMN] P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period specified above.

**ESSENTIAL FISH HABITAT (EFH) ASSESSMENT:** The Magnuson-Steven Fishery Conservation Act (MSFCA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect EFH. The EFH designations within the Northeast Region (Maine to Virginia), dated March 1, 1999 include EFH for a number of species in various life stages. This waterway has EFH listed for juvenile and adult windowpane flounder (*Scopthalmus aquosus*), summer flounder (*Paralichthys dentatus*), and bluefish (*Pomatomus saltatrix*); egg, larva, juvenile and adult life stages of king mackerel (*Scomberomorus cavalla*), Spanish mackerel (*Scomberomorus maculatus*), cobia (*Rachycentron canadum*), and red drum (*Sciaenops ocellatus*). These are managed species under the MSFCA. A preliminary assessment indicates that the proposed work would not have a substantial adverse effect on either managed species or prey species. Therefore, no EFH conservation measures have been developed. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

**SECTION 401 WATER QUALITY CERTIFICATION:** The applicant is required to obtain a water quality certification from the Maryland Department of the Environment in accordance with Section 401 of the Clean Water Act. Any written comments concerning the work described above which relate to water quality certification must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. The Section

401 certifying agency has a statutory limit of one year from the date of this public notice to make its decision.

**COASTAL ZONE MANAGEMENT PROGRAMS:** The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement. Public comments relating to consistency must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. MDE has a statutory limit of 6 months to concur or object to the applicant's consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

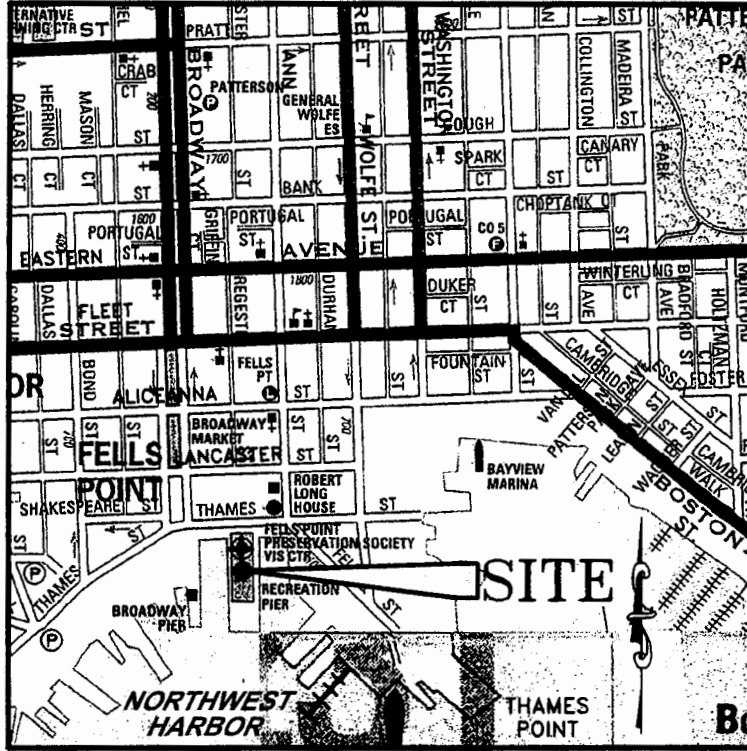
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, US Army Corps of Engineers, Baltimore District, [ATTN : Mr. Jon Romeo CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period specified above to receive consideration. Also, the request must clearly state forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Joseph P. DaVia  
Chief, Maryland Section Northern



**VICINITY MAP**  
SCALE: 1"=1,000'

APPLICANT:

1715 THAMES STREET, LLC  
1010 HULL STREET, SUITE 220  
BALTIMORE, MD 21230

PROPERTY ADDRESS:

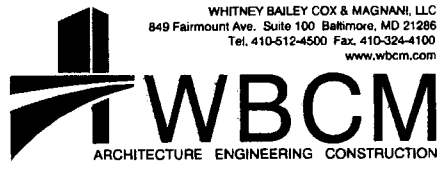
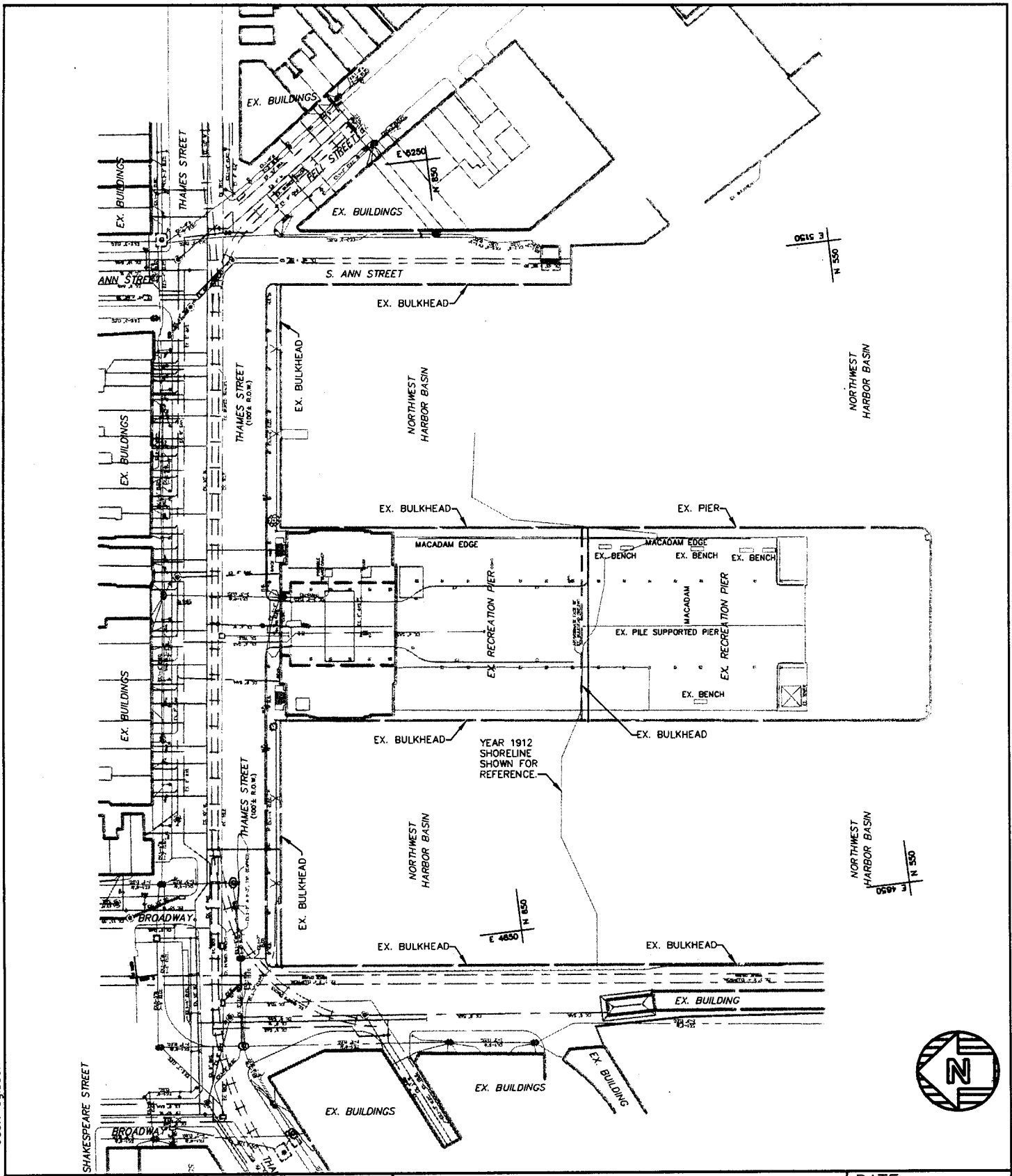
RECREATION PIER  
1715 THAMES STREET  
BALTIMORE, MD 21231

Aug 04, 2014 - 4:59pm User: cgibson



<b>VICINITY MAP</b>	DATE: 08/01/14
<b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland	DRAWING NO. SK-1
SCALE AS NOTED	WBCM NO. 20130548.00

Aug 04, 2014 - 4:59pm User: cqibson



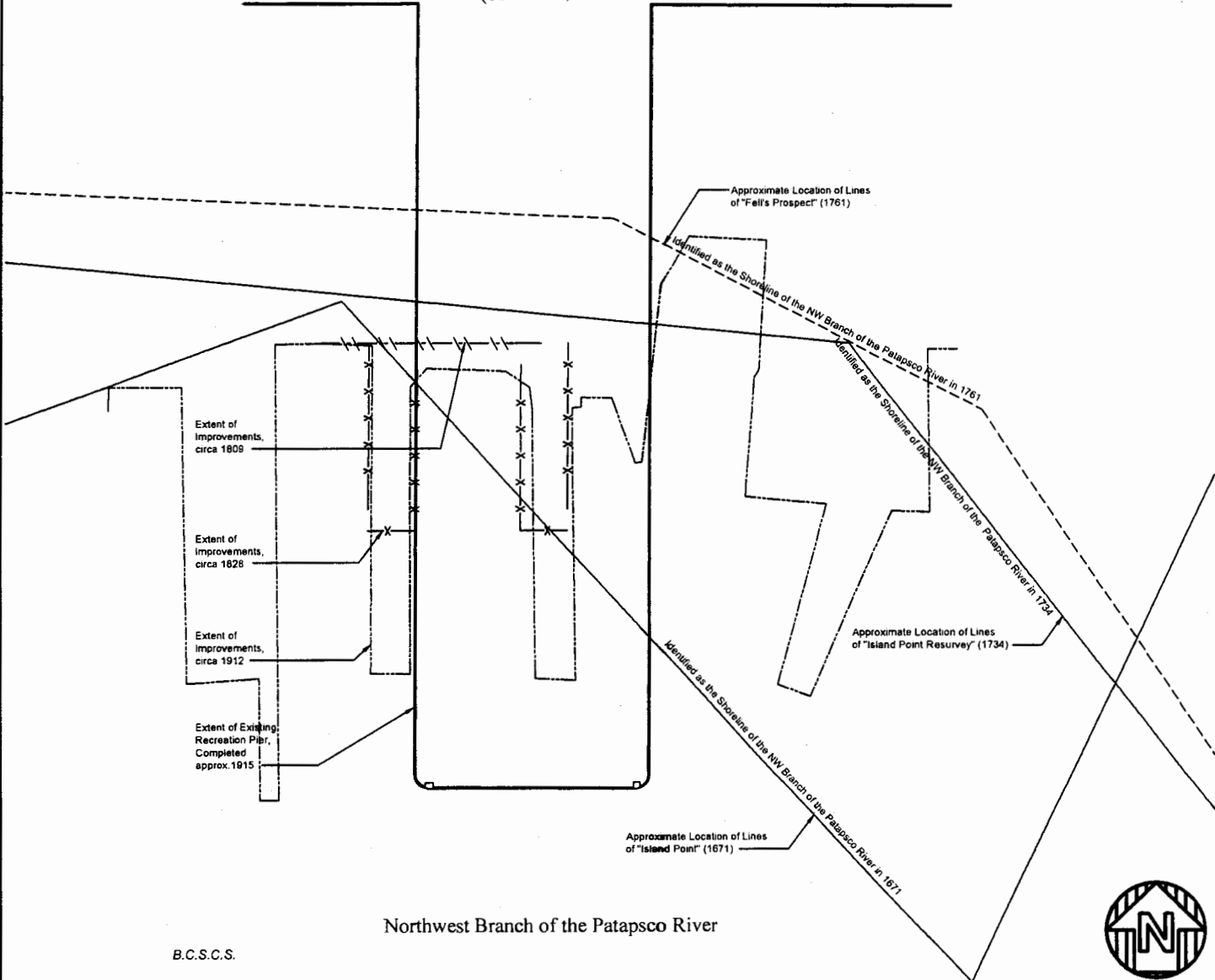
WHITNEY BAILEY COX & MAGNANI, LLC  
849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
Tel. 410-612-4500 Fax. 410-324-4100  
www.wbcm.com

<p><b>OVERALL SITE PLAN</b></p> <p><b>RECREATION PIER</b></p> <p>1715 Thames Street Baltimore, Maryland</p>		<p>DATE: 08/01/14</p>
		<p>DRAWING NO. SK-2</p>
<p>SCALE 1:100</p>		<p>WBCM NO. 20130548.00</p>

GENERAL NOTES

1. THE EXISTING RECREATION PIER OUTLINE SHOWN HEREON IS BASED UPON A PARTIAL FIELD-RUN PLANIMETRIC SURVEY PERFORMED BY WHITNEY, BAILEY, COX & MAGNANI, LLC (WBCM) IN JANUARY, 2005, UPDATED TO REFLECT A FIELD-RUN TOPOGRAPHIC SURVEY PERFORMED BY WBCM IN APRIL, 2006 AND REFLECTS SITE CONDITIONS AS OF THAT DATE.
2. HORIZONTAL COORDINATES AND DIRECTIONS OF SAID SURVEYS BY WBCM ARE REFERRED TO THE MERIDIAN OF THE BALTIMORE CITY SURVEY CONTROL SYSTEM AS DETERMINED FROM THE FOLLOWING B.C.S.C.S. TRAVERSE STATIONS  
 STATION # 31744 N -5667.938 E 6802.280 PLUG FOUND  
 STATION # 31745 N -5654.447 E 6862.905 PLUG FOUND
3. THE IMPROVEMENTS (PIER/SHORELINES) THAT EXISTED IN 1912 SHOWN HEREON ARE FROM A DIGITAL SCAN OF THE 1912 SURVEY BY S.J.MARTINET REFERRED TO IN NOTE 10 ON A SURVEY BY S.J.MARTINET AND CO., INC., DATED MAY 5, 2005, ENTITLED "BOUNDARY SURVEY PLAT OF No. 1715 THAMES STREET RECREATION PIER" AS TIED TO THE PLANIMETRIC AND TOPOGRAPHIC SURVEY BY WBCM REFERRED TO IN NOTE 1, ABOVE.
4. THE LINES OF THE FOLLOWING THREE LAND PATENTS SHOWN HEREON WERE POSITIONED BASED ON THE LOCATION OF THE CALLED FOR CORNER OF "MOUNTENAY NECK" INDICATED BY THE LETTER "M" SHOWN ON A PLAT WHICH ACCOMPANIED A LEGAL EJECTMENT ACTION, "CASEY'S LESSEE V. INLOES", FILED IN THE MARYLAND STATE ARCHIVES AT MSA CD042-205, p. 1 AND ATTACHED TO THE LETTER OF APRIL 23, 2006, FROM M. TRENT ZWONOVICH OF RICH AND HENDERSON, P.C. TO EUGENE F. CAULLEY OF WBCM AS EXHIBIT 2. THE POINT LETTERED "M" WAS POSITIONED APPROXIMATELY WITH RESPECT TO THE STREET LAYOUT. THESE LOCATIONS ARE APPROXIMATE AND NOT BASED ON ANY LOCATION BY SURVEY BY WBCM. THE METES AND BOUNDS OF SAID PATENTS WERE BASED ON TRANSCRIPTIONS CONTAINED IN A MEMORANDUM ATTACHED TO THE THE APRIL 23, 2006, LETTER, REFERRED TO ABOVE, AS EXHIBIT 3.  
 A) "ISLAND POINT" (1871) - SHOWN HEREON WITH A SHORT DASHED LINE  
 B) "ISLAND POINT RESURVEY" (1734) - SHOWN HEREON WITH A MEDIUM DASHED LINE  
 C) "FELL'S PROSPECT" (1761) - SHOWN HEREON WITH A LONG DASHED LINE
5. THE EXTENT OF IMPROVEMENTS CIRCA 1809 AND 1828 SHOWN HEREON ARE FROM A SURVEY OF THE EXTENSION OF THE TENANTS WHARF, Ca. 1809 (BCA, RG3, S 1, BOX 11, 1809-177A, INDEX No. 218) AND THE PORT WARDEN'S SURVEY, Ca. 1828 (BCA, RG12, S 6 121) POSITIONED WITH REFERENCE TO THE S.J.MARTINET SURVEYS REFERRED TO IN NOTE 3, ABOVE.

Thames Street  
(100' R/W)



B.C.S.C.S.

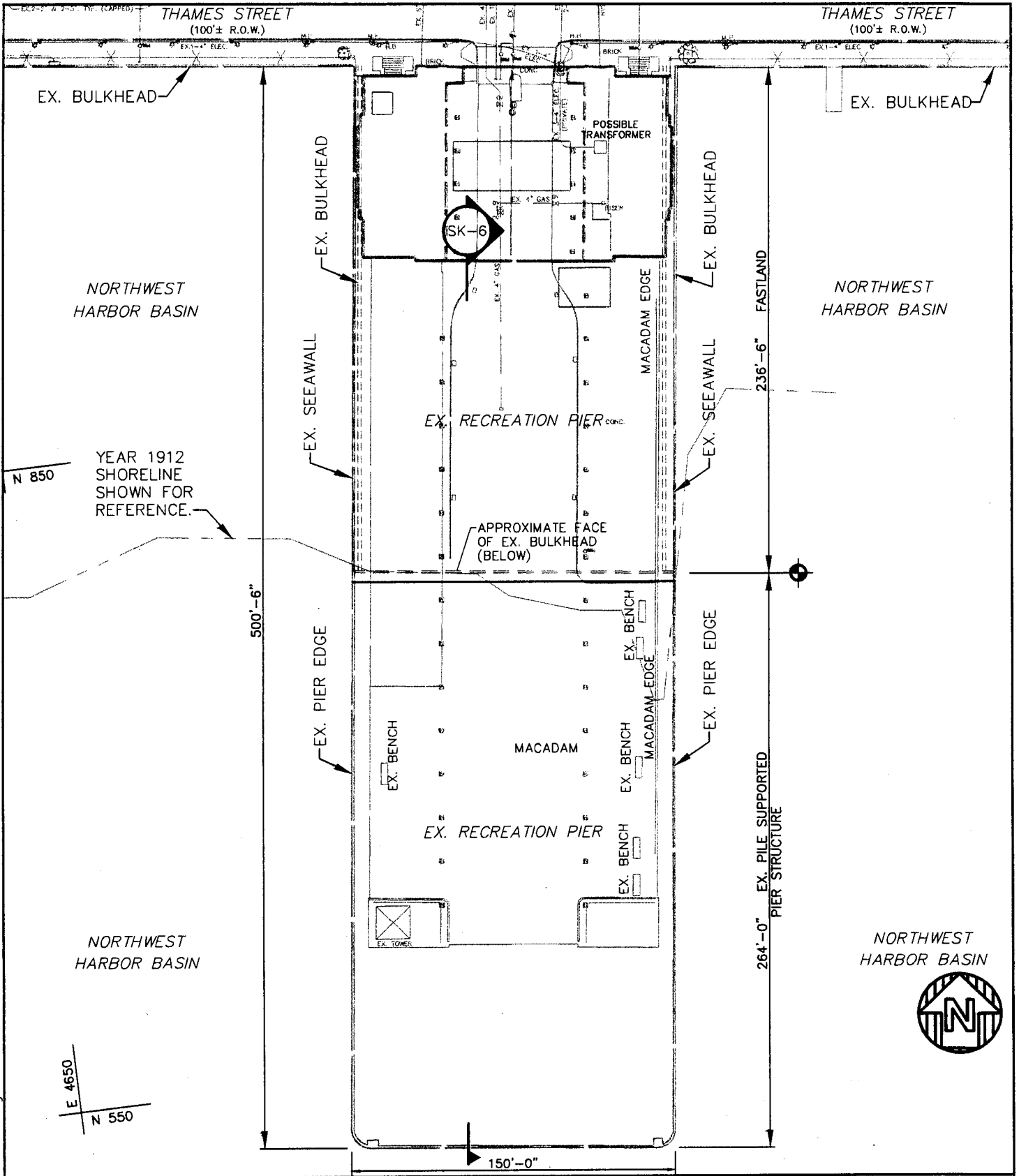


User: cgibson  
Aug 04, 2014 - 4:59pm



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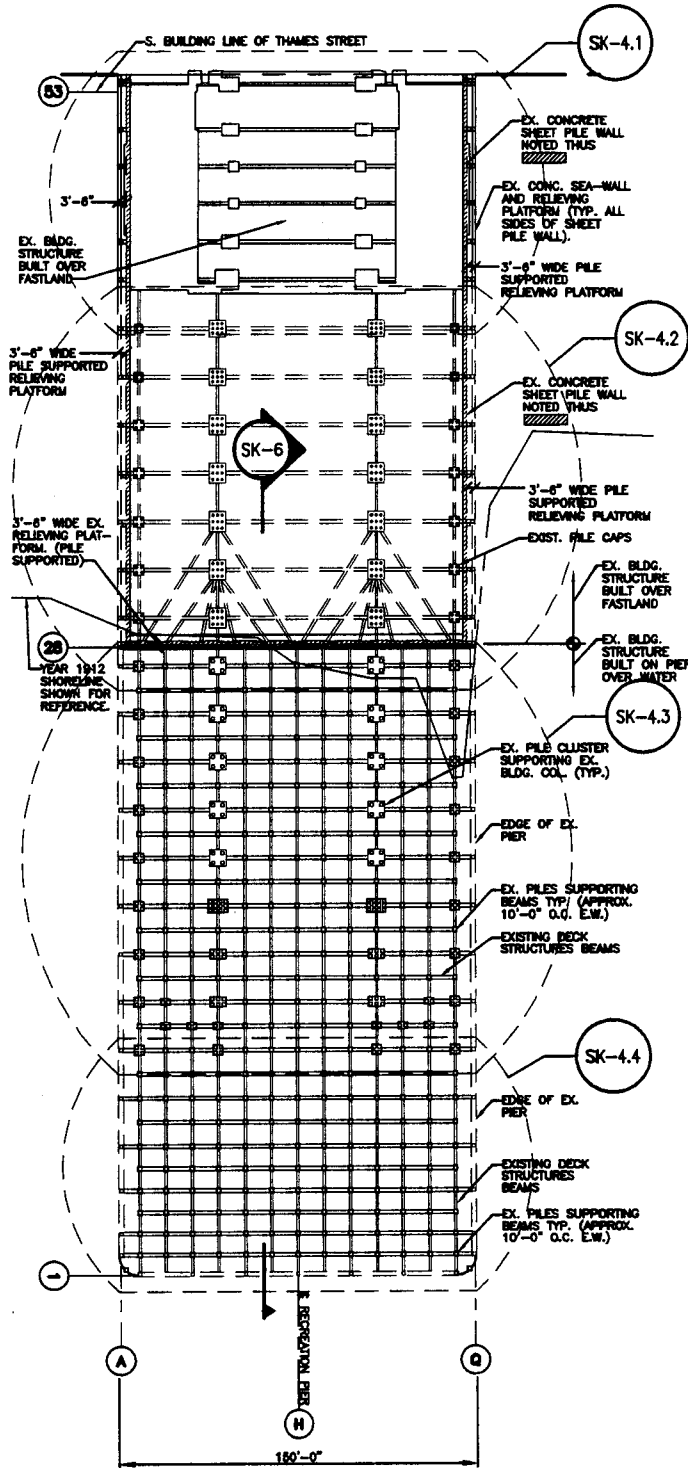
<b>HISTORIC SHORELINES</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. SK-3
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE 1:100		



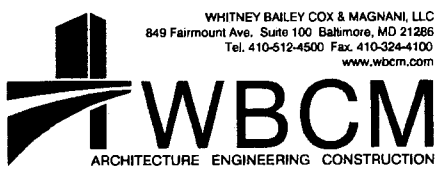
User: cgibson  
Aug 04, 2014 - 4:59pm

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Tel. 410-512-4500 Fax. 410-324-4100  
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<b>OVERALL EXISTING CONDITION</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. SK-3A
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE 1:60		



Aug 04, 2014 - 4:57pm User: cgibson



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**PARTIAL EXISTING BULKHEAD/PIER PLAN**

**RECREATION PIER**  
 1715 Thames Street Baltimore, Maryland

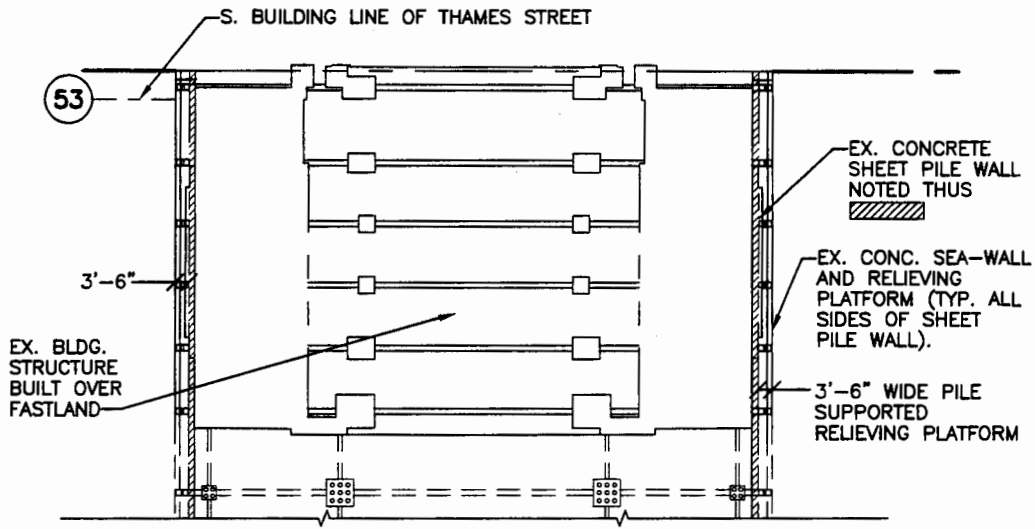
SCALE 1:50

DATE:  
08/01/14

DRAWING NO.  
SK-4

WBCM NO.  
20130548.00





User: cgibson  
Aug 04, 2014 - 4:57pm



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Tel. 410-512-4500 Fax. 410-324-4100  
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**PARTIAL EXISTING PIER PLAN**

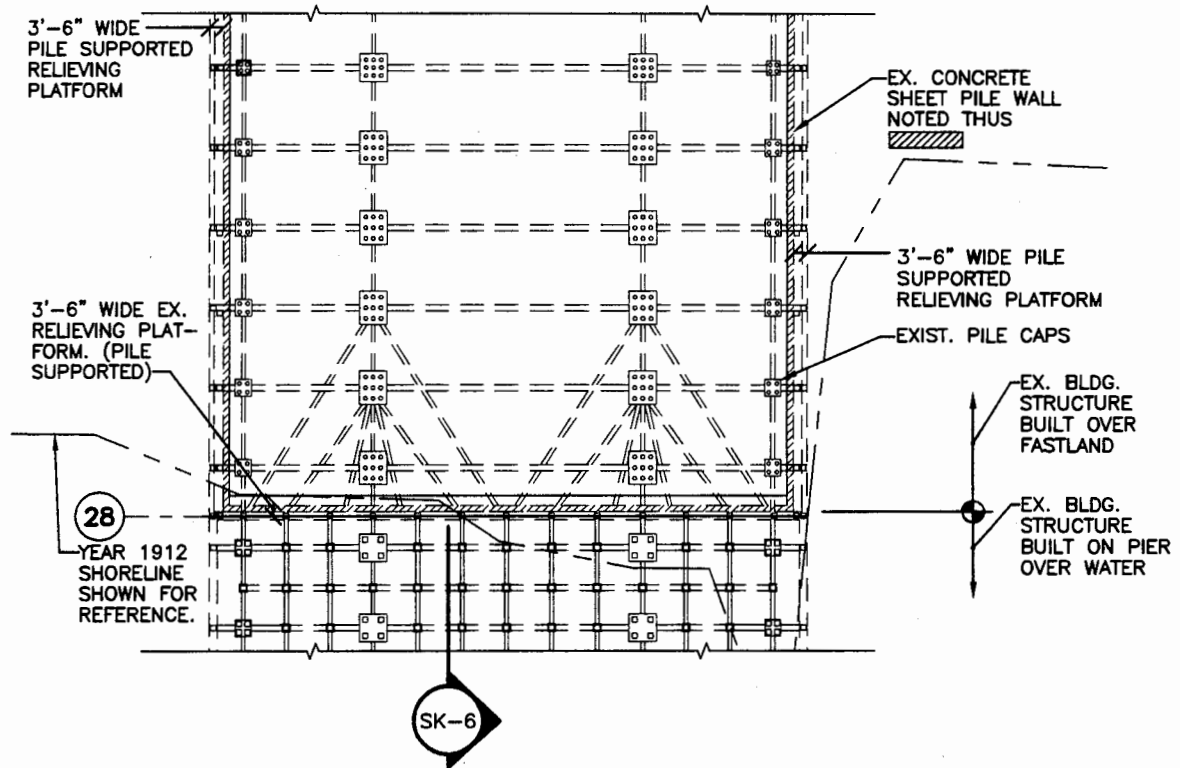
**RECREATION PIER**  
1715 Thames Street Baltimore, Maryland

SCALE 1:30

DATE:  
08/01/14

DRAWING NO.  
SK-4.1

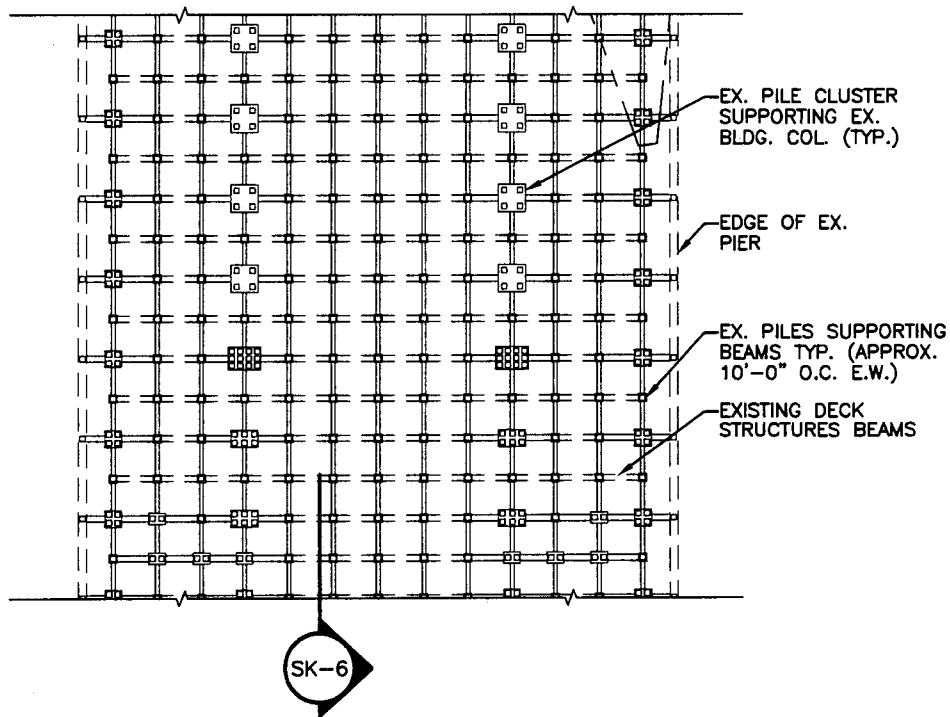
WBCM NO.  
20130548.00



Aug 04, 2014 - 4:57pm User: cqjibson



<b>PARTIAL EXISTING PIER PLAN</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. SK-4.2
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE 1:30		



Aug 04, 2014 - 4:57pm User: cgibson



**PARTIAL EXISTING PIER PLAN**

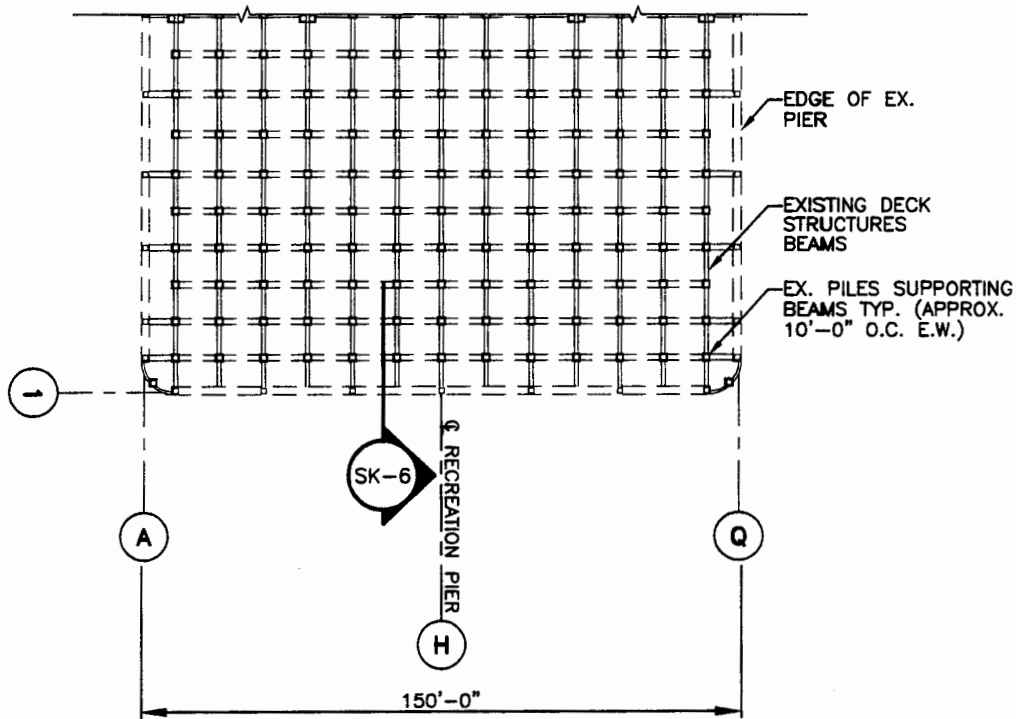
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1715 Thames Street Baltimore, Maryland

SCALE 1:30

DATE:  
08/01/14

DRAWING NO.  
SK-4.3

WBCM NO.  
20130548.00



Aug 04, 2014 - 4:57pm User: cgibson




**WBCM**  
 ARCHITECTURE ENGINEERING CONSTRUCTION

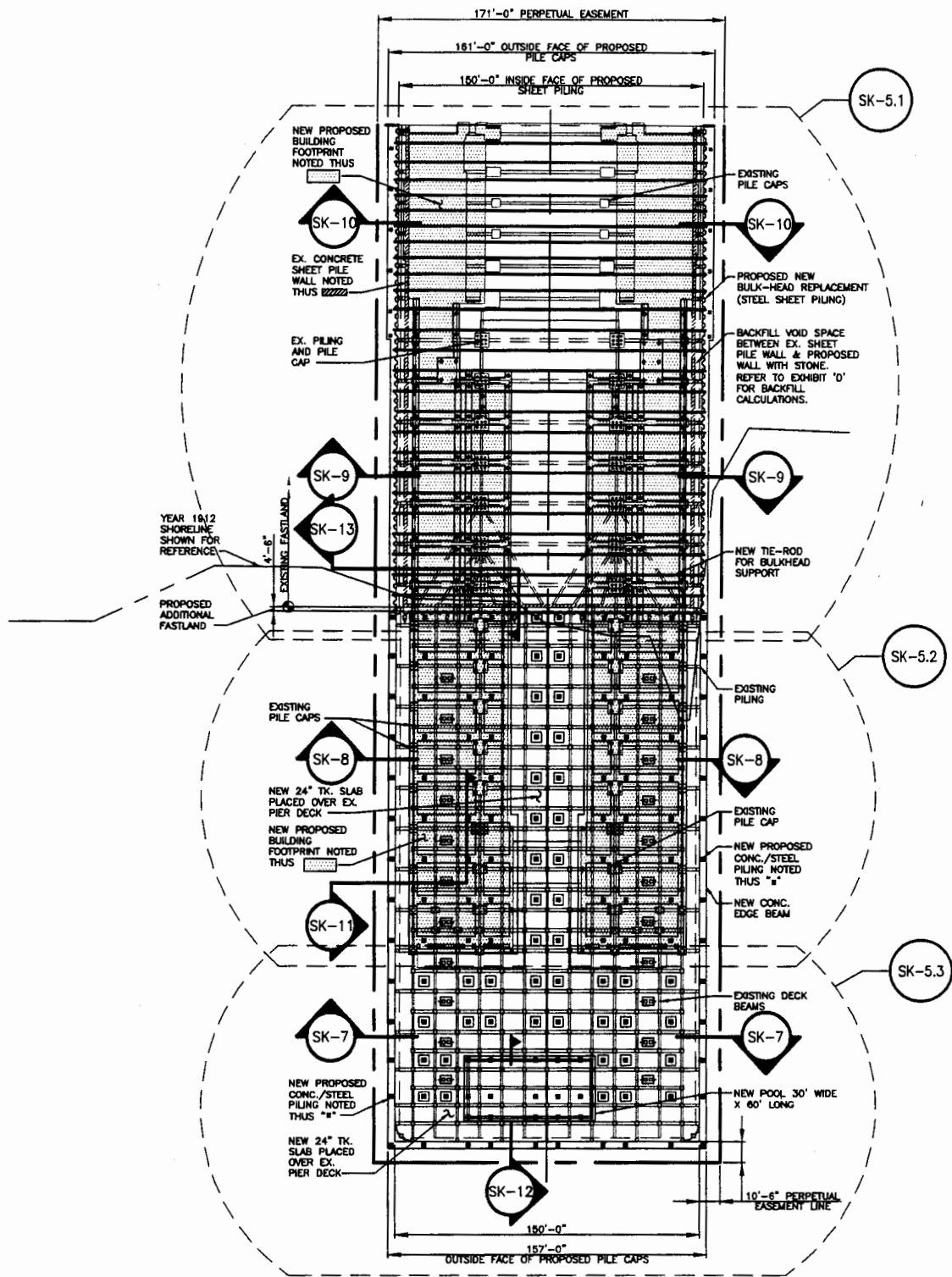
WHITNEY BAILEY COX & MAGNANI, LLC  
 849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
 Tel. 410-512-4500 Fax. 410-324-4100  
 www.wbcm.com

**PARTIAL EXISTING PIER PLAN**

**RECREATION PIER**  
 1715 Thames Street Baltimore, Maryland

SCALE 1:30

DATE:	08/01/14
DRAWING NO.	SK-4.4
WBCM NO.	20130548.00



User: cgibson  
Aug 04, 2014 - 4:57pm



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**PROPOSED REHABILITATION/STRENGTHENING  
OF BULKHEAD/PIER OVERALL PLAN**

**RECREATION PIER**  
1715 Thames Street Baltimore, Maryland

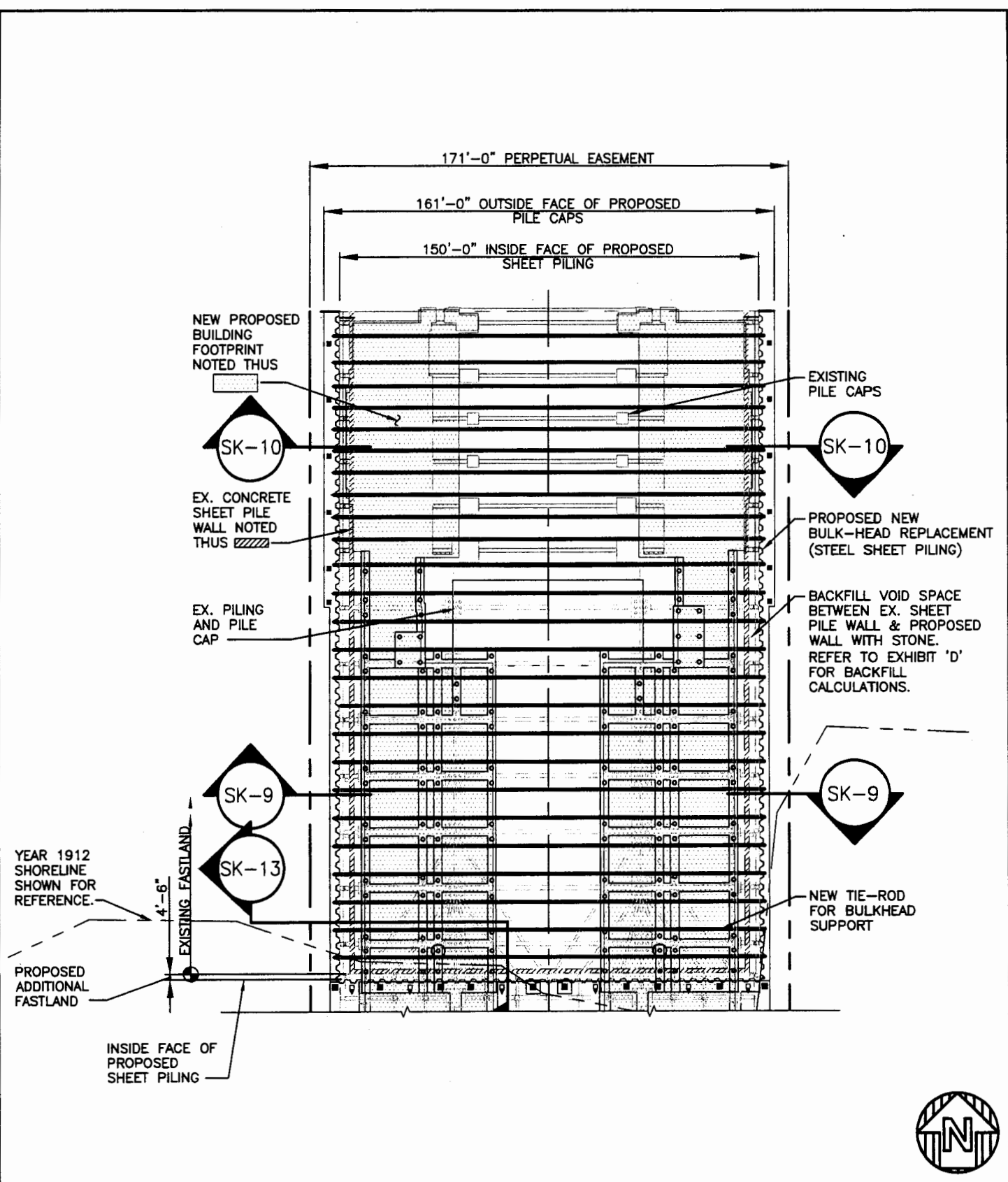
SCALE 1:50

DATE:  
08/01/14

DRAWING NO.  
SK-5

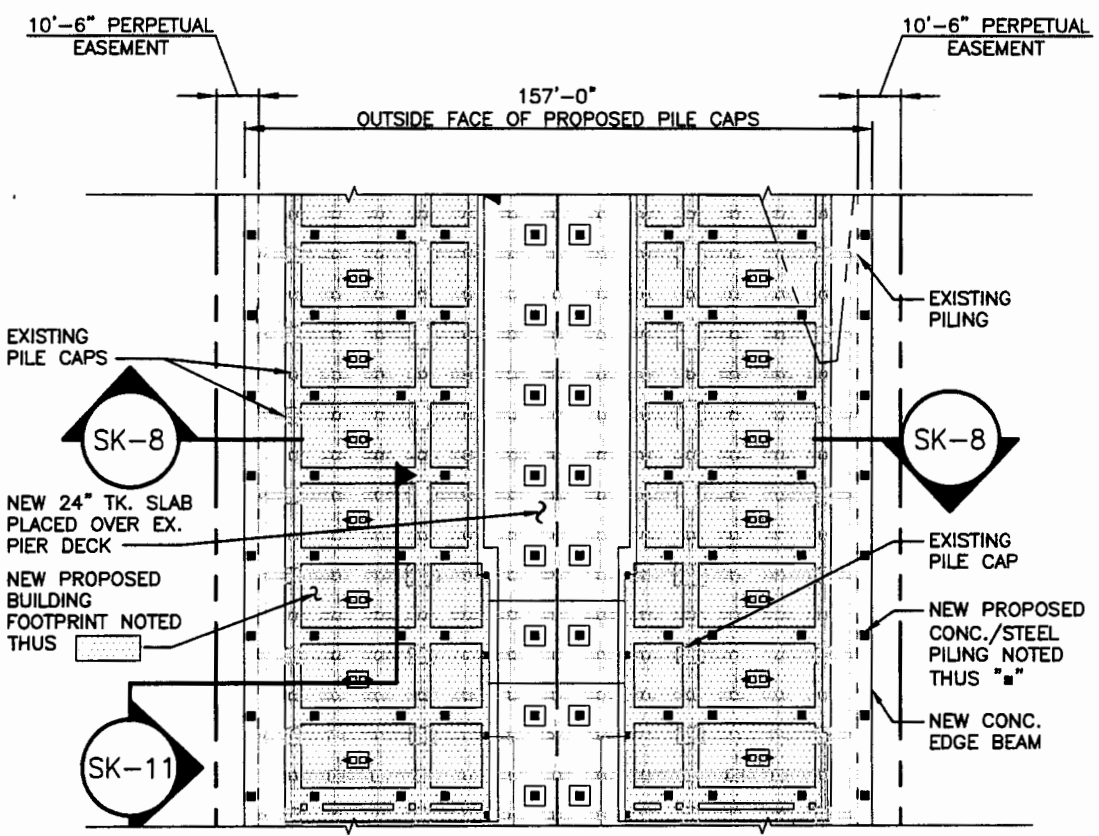
WBCM NO.  
20130548.00

Aug 04, 2014 - 4:57pm User: cgibson



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 849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
 Tel. 410-512-4500 Fax. 410-324-4100  
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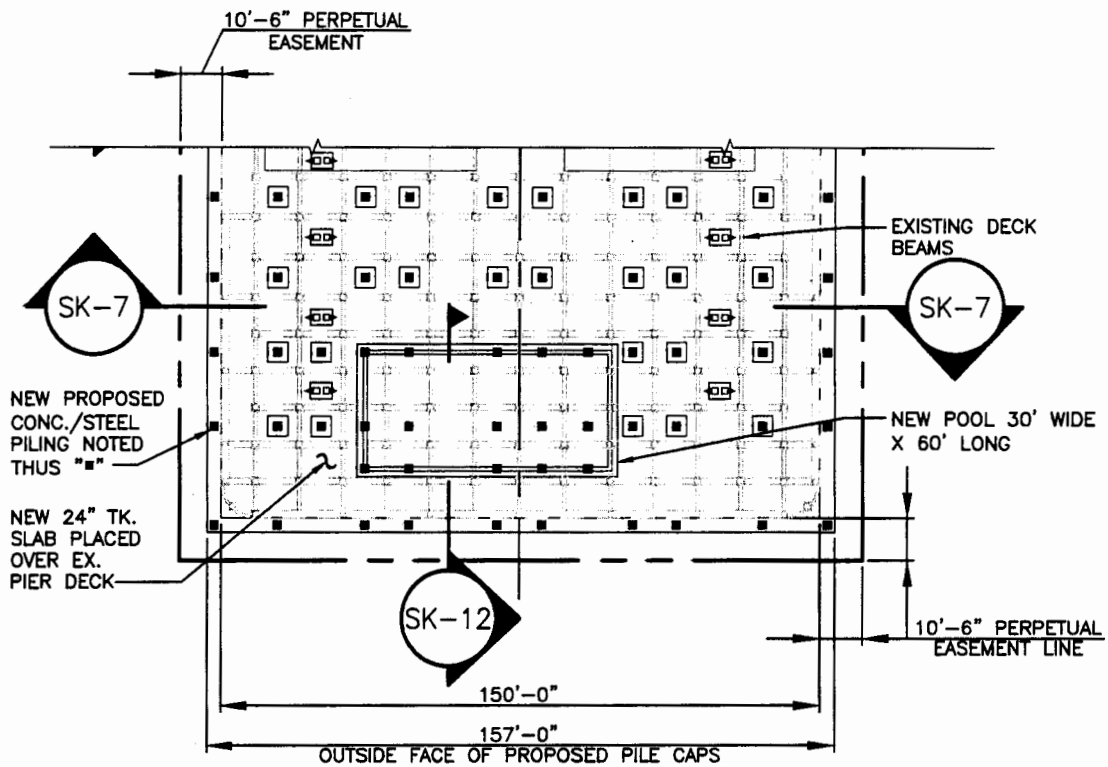
PROPOSED REHABILITATION/STRENGTHENING OF BULKHEAD	DATE: 08/01/14
RECREATION PIER	DRAWING NO. SK-5.1
1715 Thames Street Baltimore, Maryland	WBCM NO. 20130548.00
SCALE 1:30	



User: cgibson  
Aug 04, 2014 - 4:57pm



<b>PROPOSED REHABILITATION OF PIER STRUCTURE</b>		DATE: 08/01/14
<b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland		DRAWING NO. SK-5.2
SCALE 1:30		WBCM NO. 20130548.00



User: ogibson  
Aug 04, 2014 - 4:57pm

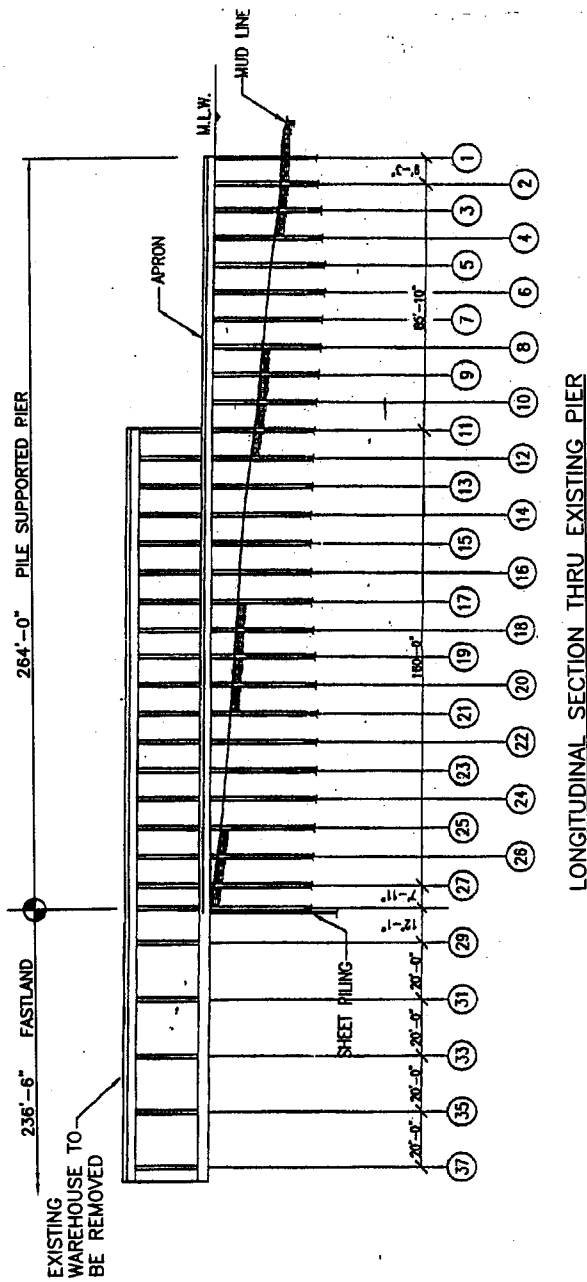


<b>PROPOSED REHABILITATION OF PIER STRUCTURE</b>  <b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland	DATE: 08/01/14
	DRAWING NO. SK-5.3
	WBCM NO. 20130548.00

SCALE 1:30



Aug 04, 2014 - 4:58pm User: cgibson



LONGITUDINAL SECTION THRU EXISTING PIER



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EXISTING PIER STRUCTURE SECTION

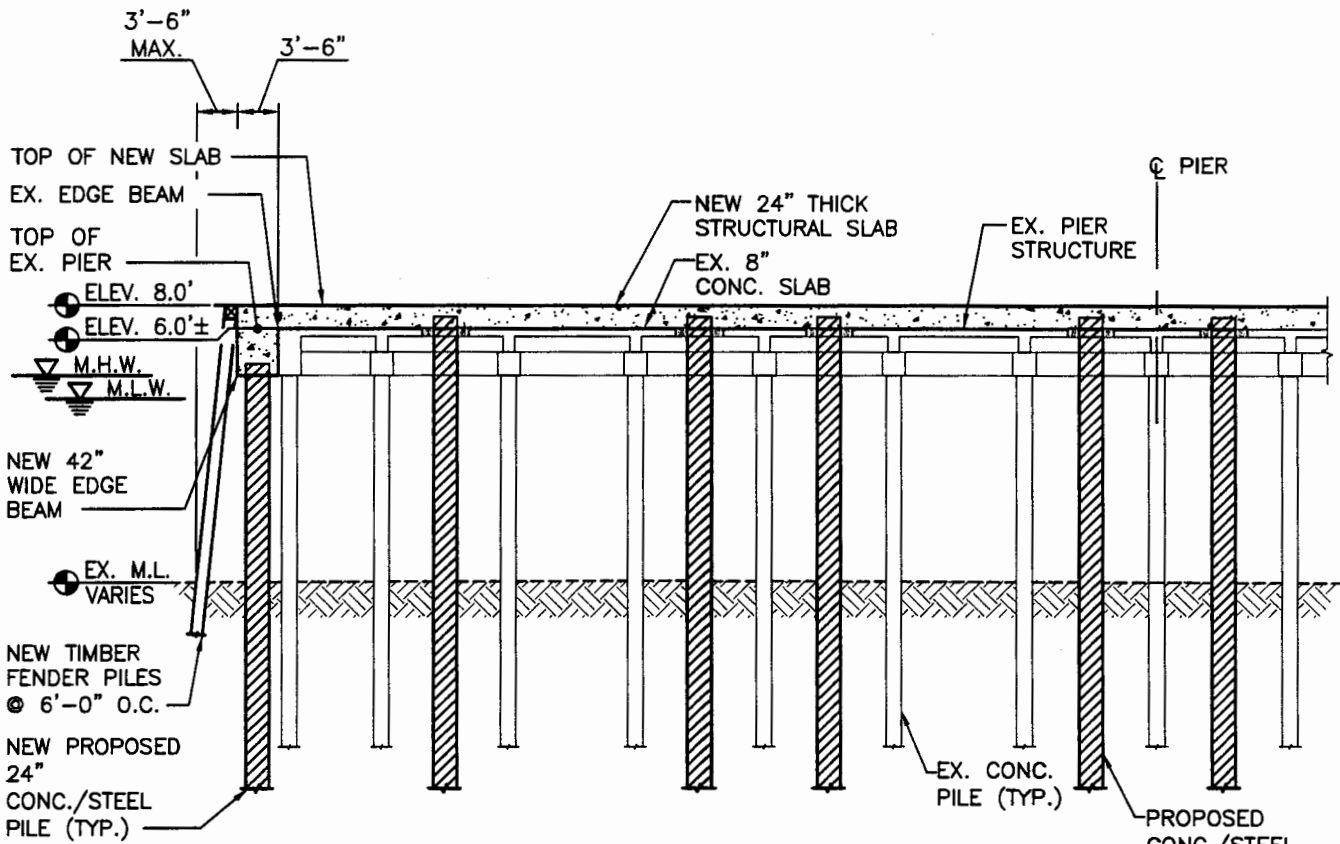
RECREATION PIER  
 1715 Thames Street Baltimore, Maryland

SCALE: 1/64" = 1'-0"

DATE:  
 08/01/14

DRAWING NO.  
 SK-6

WBCM NO.  
 20130548.00



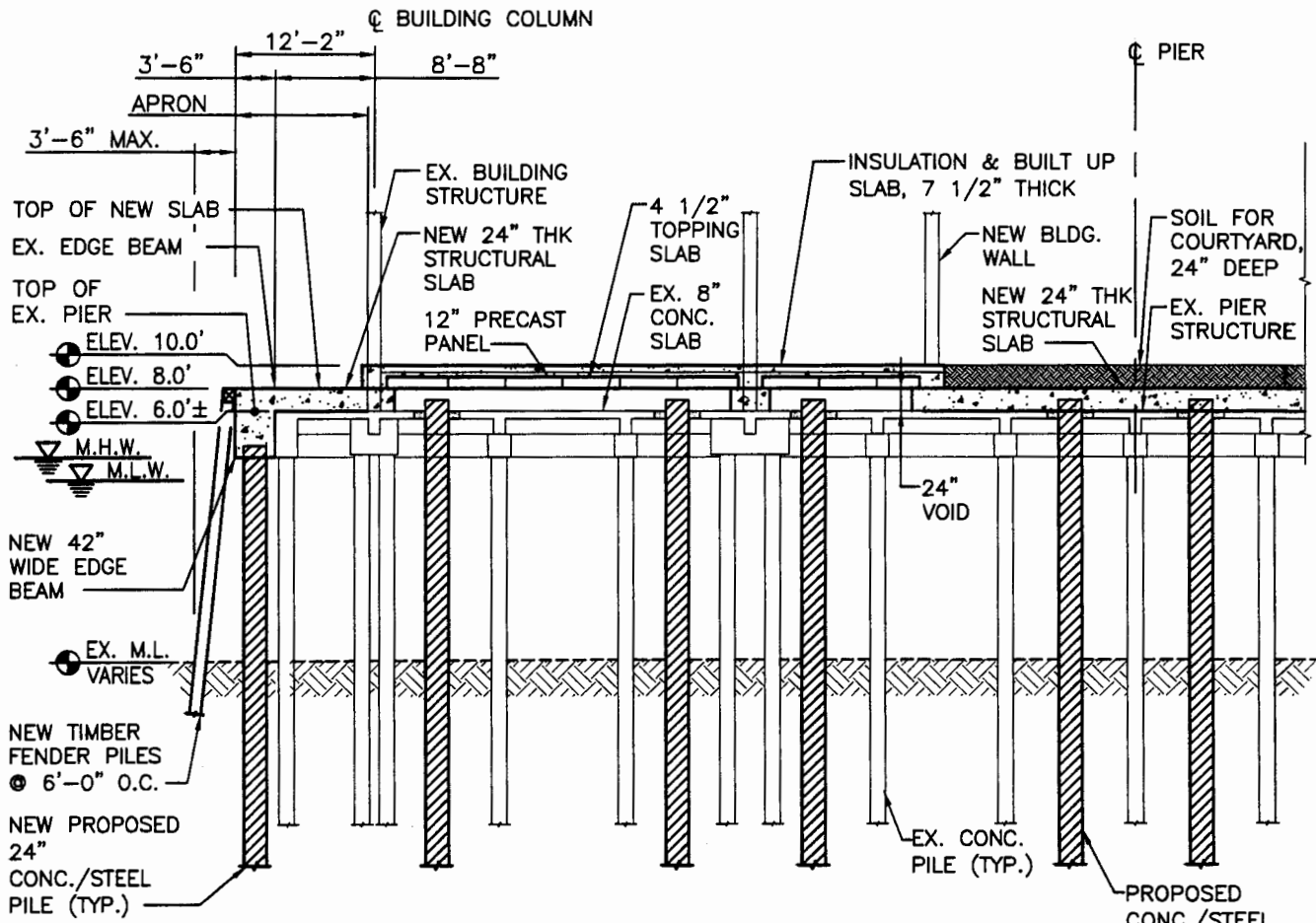
**TYPICAL SECTION THROUGH PIER OVER WATER  
INDICATES PROPOSED STRENGTHENING  
OF PIER OVER WATER**

Aug 04, 2014 - 4:58pm User: cgibson



<b>CROSS SECTION</b>  <b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland	DATE: 08/01/14
	DRAWING NO. SK-7
	WBCM NO. 20130548.00

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



**TYPICAL SECTION THROUGH PIER OVER WATER**  
**INDICATES PROPOSED STRENGTHENING**  
**OF PIER OVER WATER**

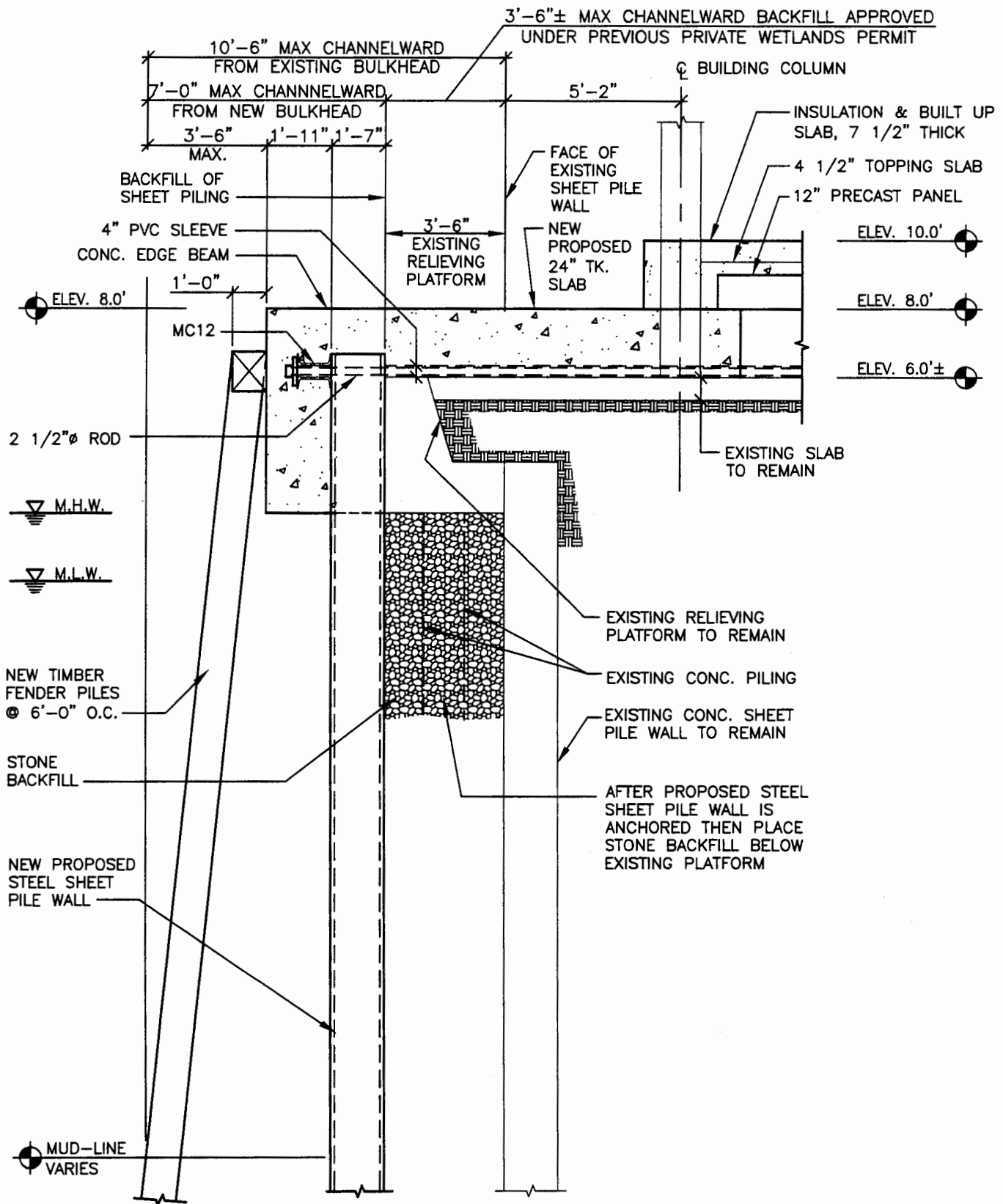
PROPOSED  
 CONC./STEEL  
 PILING NOTED  
 THUS:

Aug 04, 2014 - 4:58pm User: cgibson



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 849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
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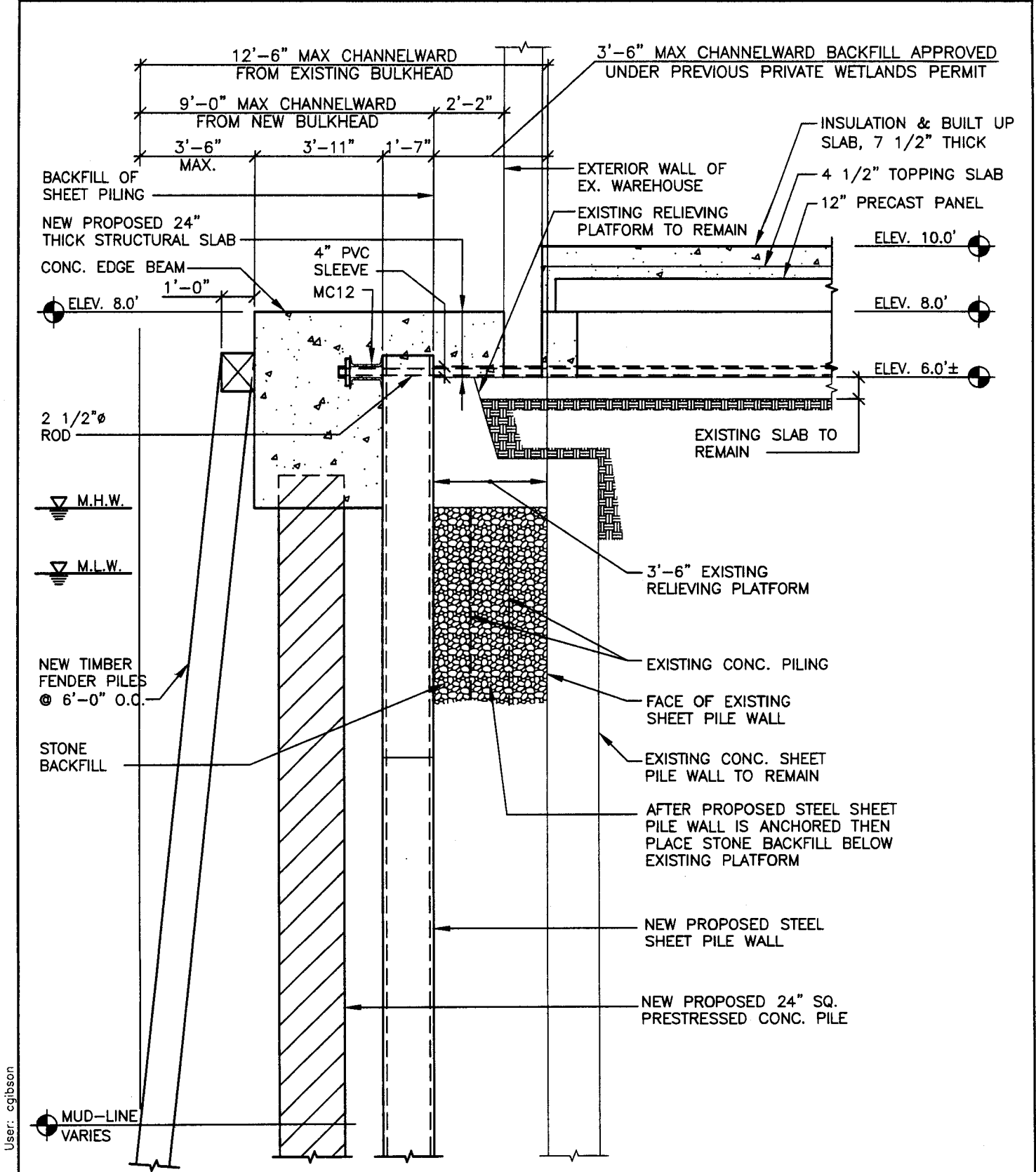
<b>CROSS SECTION</b>  <b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland  SCALE: 1/16" = 1'-0"	DATE: 08/01/14
	DRAWING NO. SK-8
	WBCM NO. 20130548.00



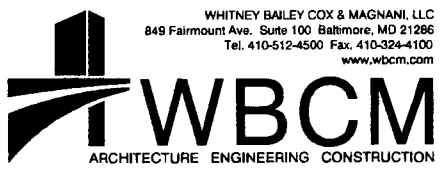
Aug 04, 2014 - 4:58pm User: cgibson



<b>SHEET PILE SECTION</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. SK-9
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE: 1/4" = 1'-0"		

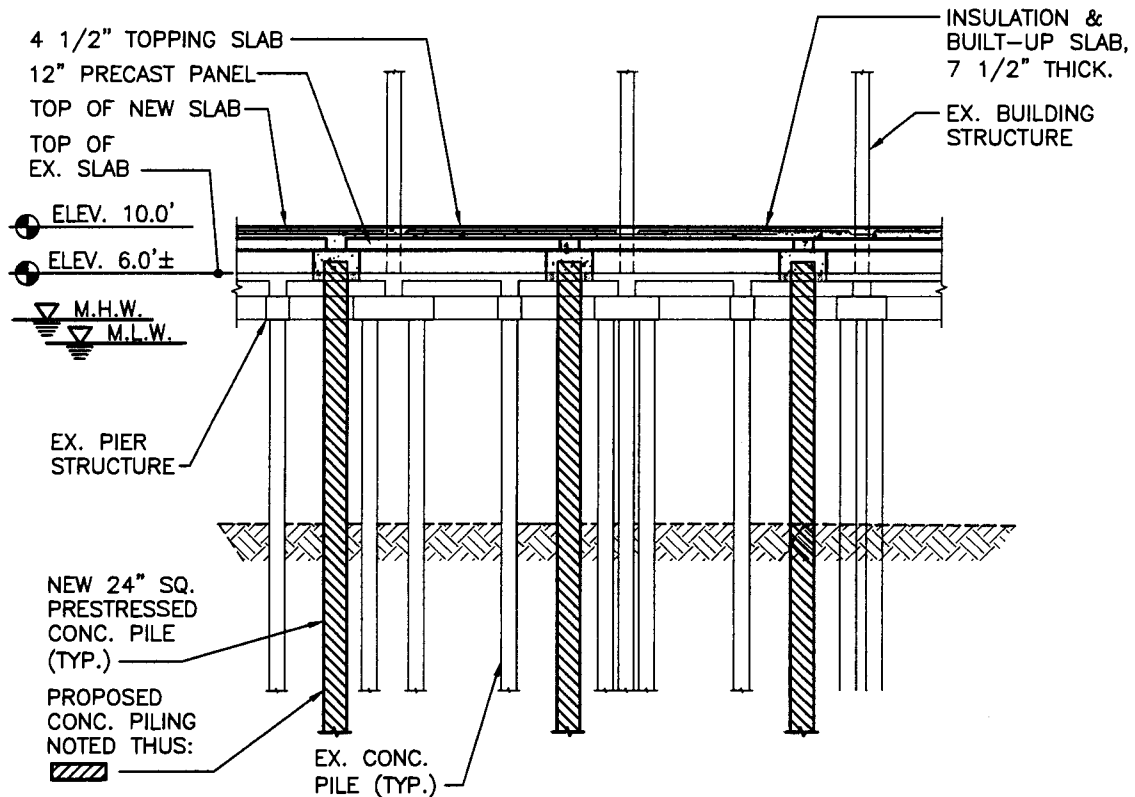


Aug 04, 2014 - 4:58pm User: cgibson



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 849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
 Tel. 410-512-4500 Fax. 410-324-4100  
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<b>SHEET PILE SECTION</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. SK-10
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE: 1/4" = 1'-0"		

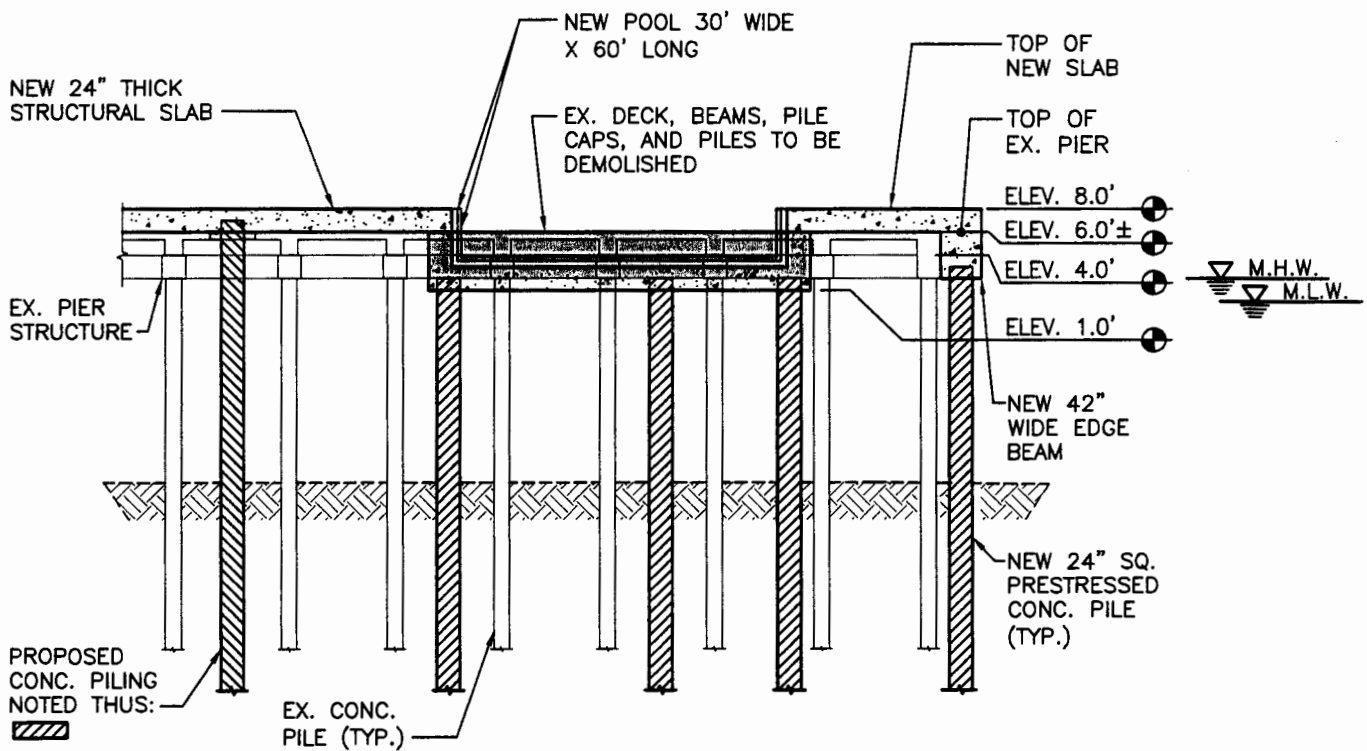


**TYPICAL SECTION THROUGH PIER OVER WATER  
INDICATES PROPOSED STRENGTHENING  
OF PIER OVER WATER**

Aug 04, 2014 - 4:58pm User: cglbson

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<b>CROSS SECTION</b>	DATE: 08/01/14
<b>RECREATION PIER</b>	DRAWING NO. SK-11
1715 Thames Street Baltimore, Maryland	WBCM NO. 20130548.00
SCALE: 1/16"=1'-0"	



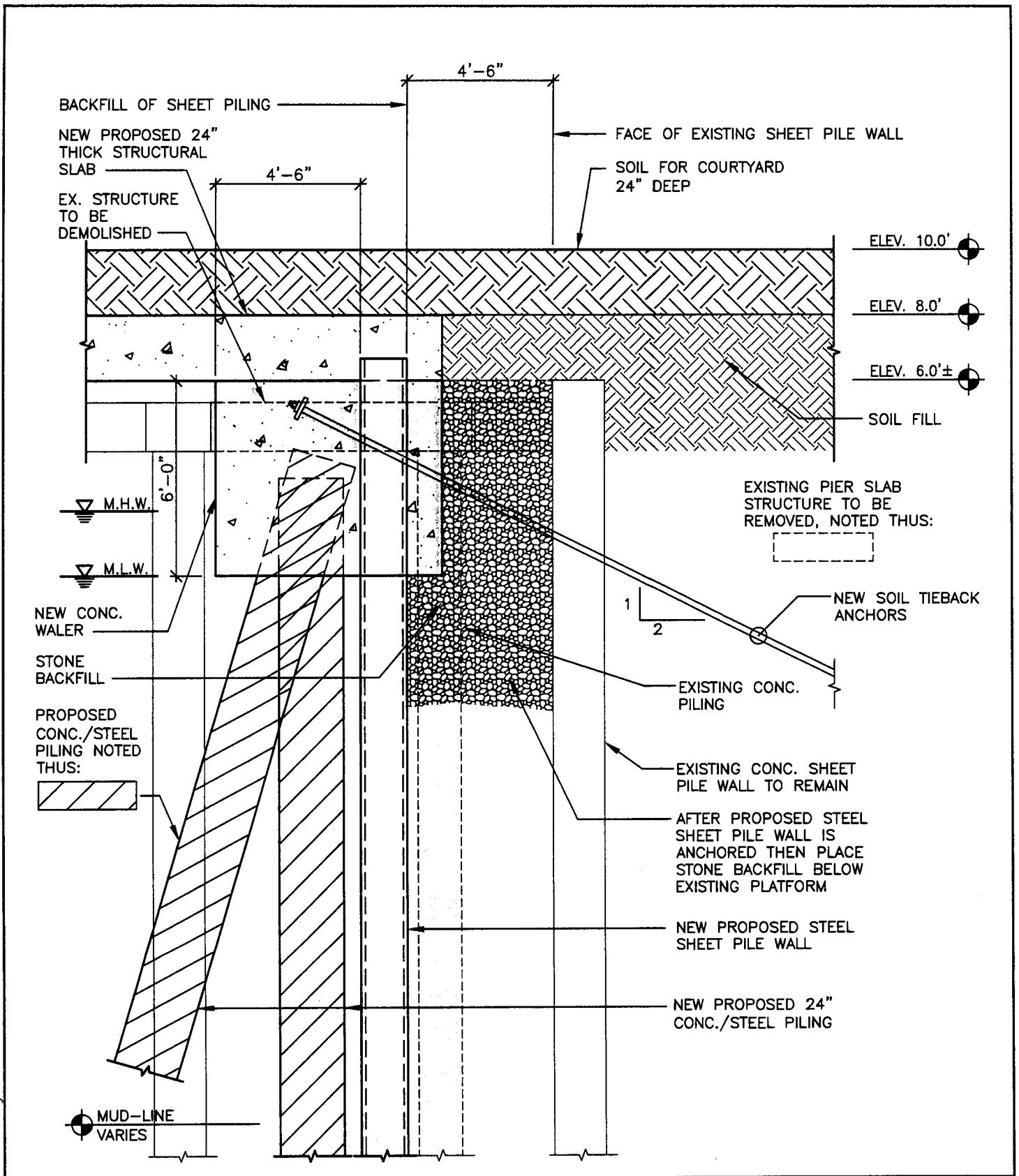
**TYPICAL SECTION THROUGH PIER OVER WATER  
INDICATES PROPOSED STRENGTHENING  
OF PIER OVER WATER**

User: cgibson  
Aug 04, 2014 - 4:58pm

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**WBCM**  
ARCHITECTURE ENGINEERING CONSTRUCTION

<b>CROSS SECTION</b>	DATE: 08/01/14
<b>RECREATION PIER</b>	DRAWING NO. SK-12
1715 Thames Street Baltimore, Maryland	WBCM NO. 20130548.00
SCALE: 1/16"=1'-0"	



User: cgibson  
Aug 04, 2014 - 5:20pm



WHITNEY BAILEY COX & MAGNANI, LLC  
849 Fairmount Ave. Suite 100 Baltimore, MD 21286  
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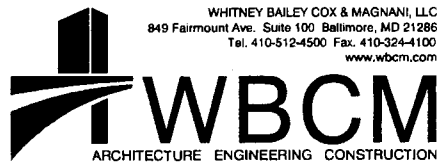
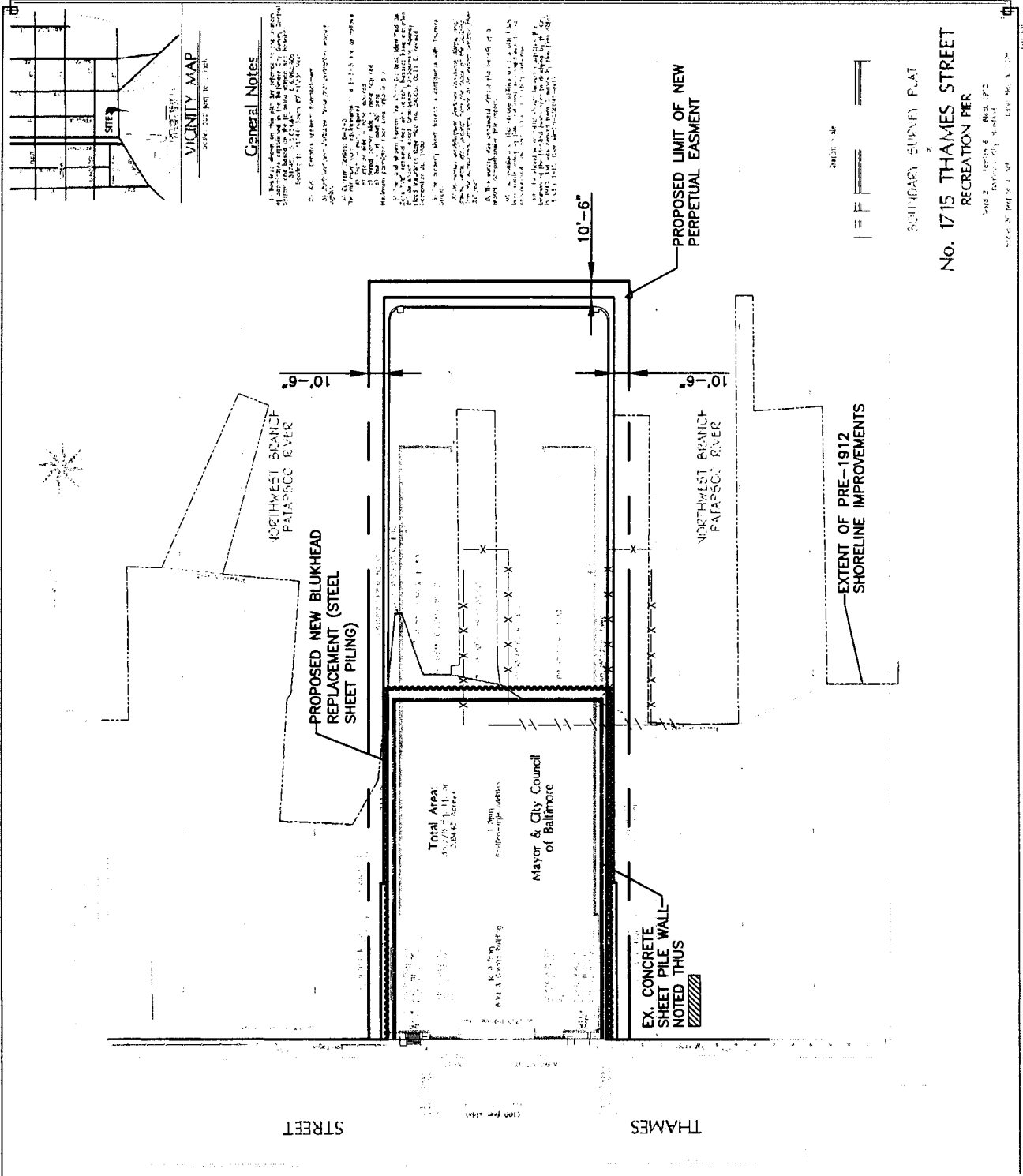
**SHEET PILE SECTION**

**RECREATION PIER**  
1715 Thames Street Baltimore, Maryland

SCALE: 1/4" = 1'-0"

DATE:  
08/01/14  
DRAWING NO.  
SK-13  
WBCM NO.  
20130548.00

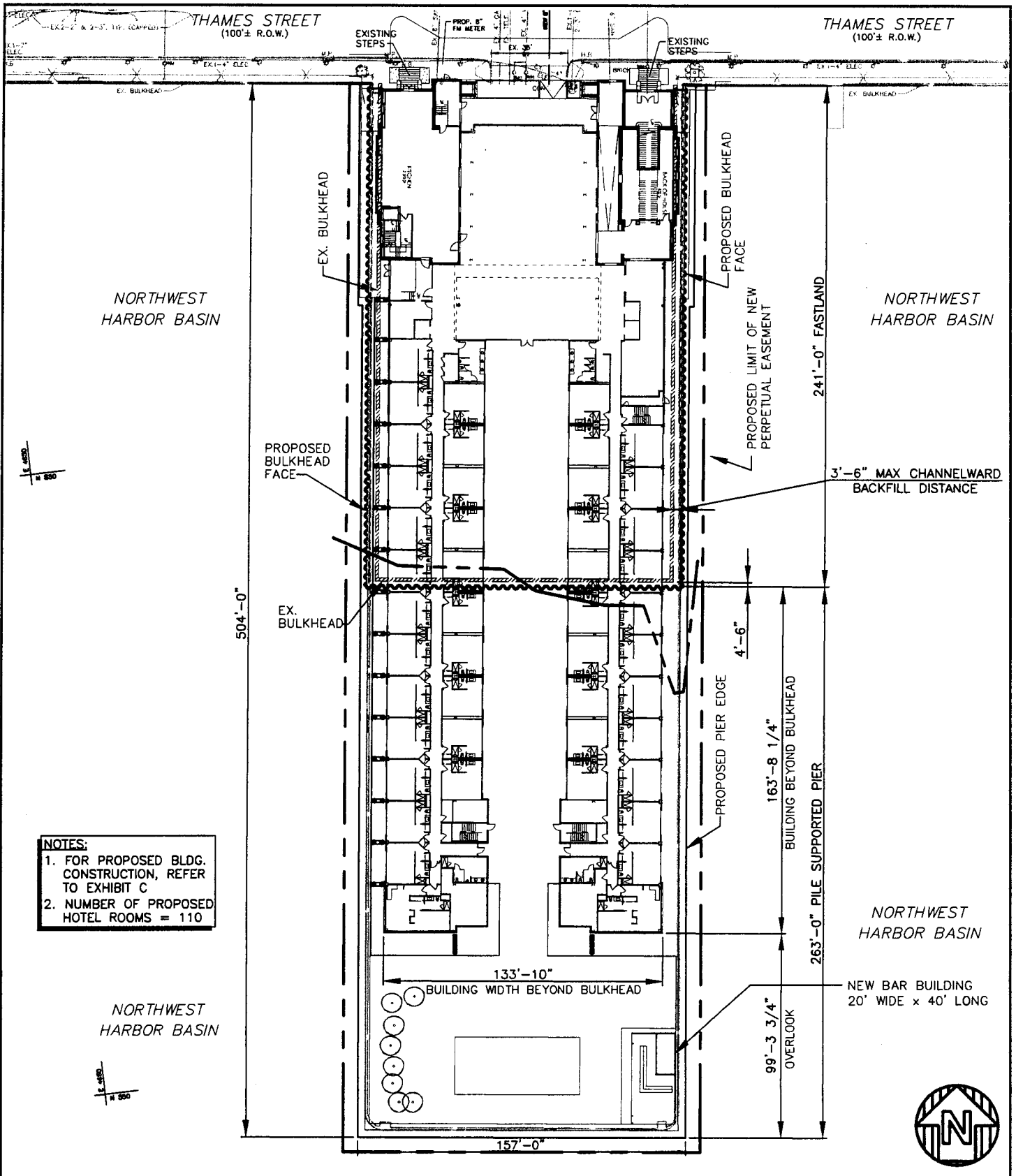




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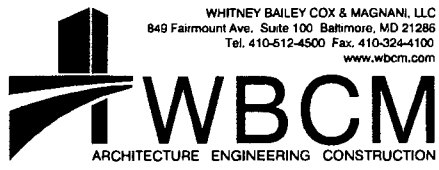
<b>BOUNDARY SURVEY PLAT</b>	
<b>RECREATION PIER</b>	
1715 Thames Street Baltimore, Maryland	
<b>SCALE: 1:100</b>	

DATE: 08/01/14
DRAWING NO. EXHIBIT A
WBCM NO. 20130548.00



- NOTES:**
1. FOR PROPOSED BLDG. CONSTRUCTION, REFER TO EXHIBIT C
  2. NUMBER OF PROPOSED HOTEL ROOMS = 110

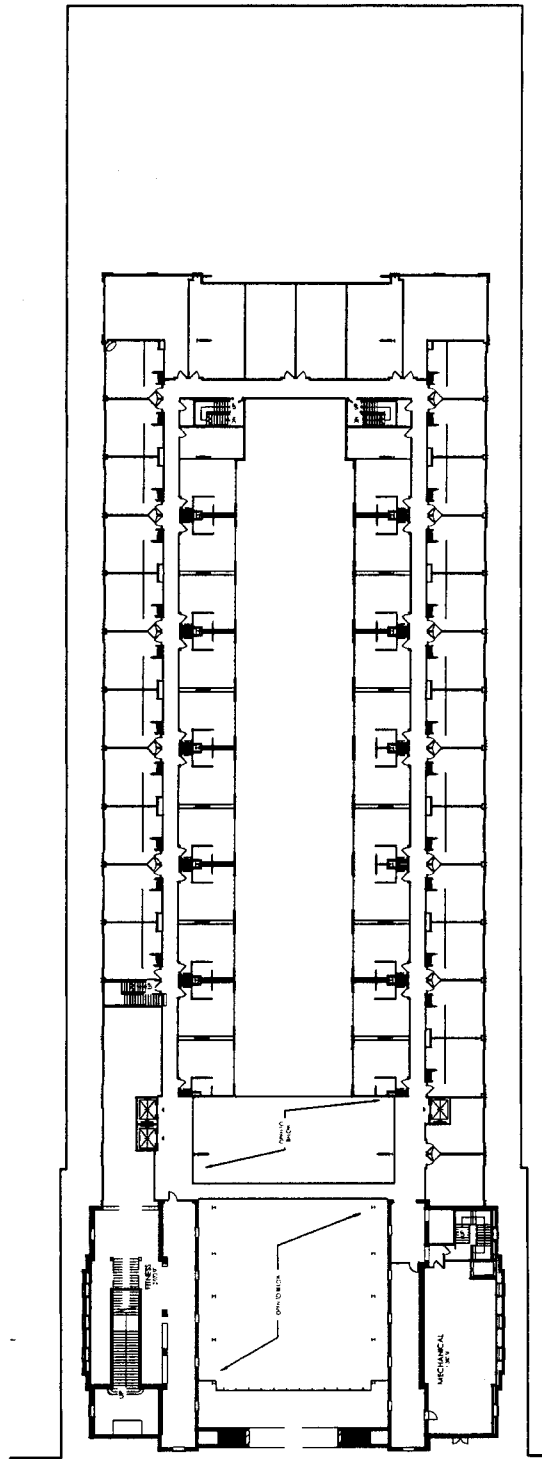
User: cgibson  
Aug 04, 2014 - 4:59pm



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<b>PROPOSED DEVELOPMENT PLAN</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO. EXHIBIT B
1715 Thames Street Baltimore, Maryland		WBCM NO. 20130548.00
SCALE 1:40		





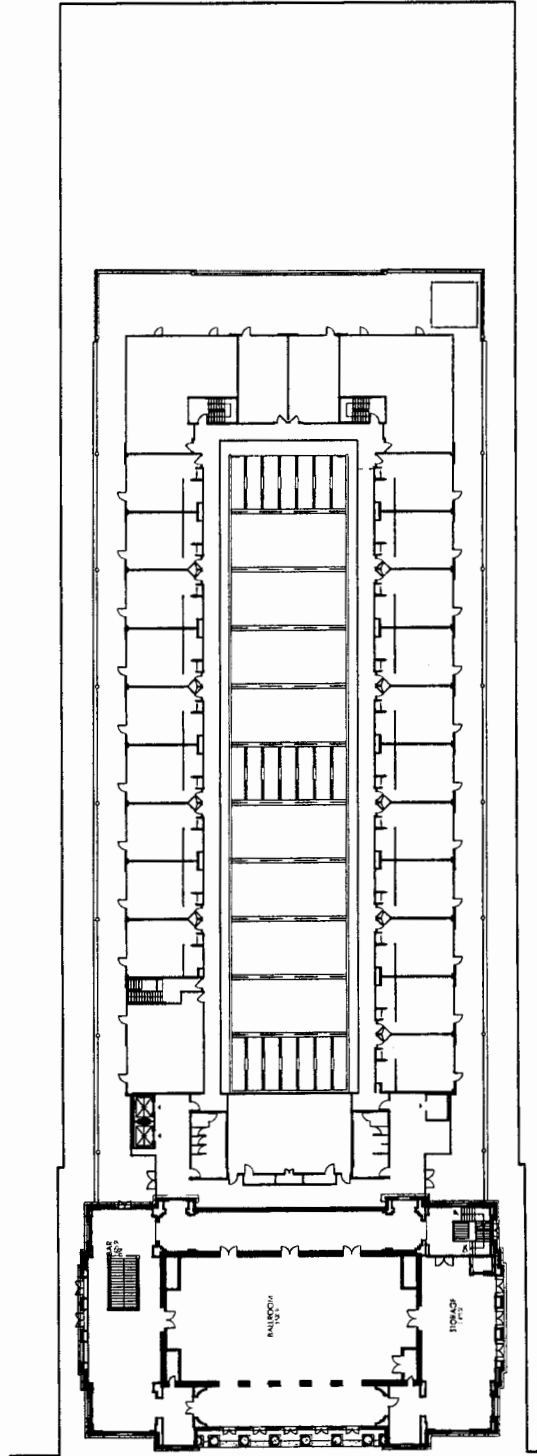
Aug. 04, 2014 - 4:58pm User: cgibson



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<b>PROPOSED 2ND FLOOR DEVELOPMENT PLAN</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO.
1715 Thames Street Baltimore, Maryland		EXHIBIT C
SCALE: 1/64"=1'-0"		WBCM NO. 20130548.00

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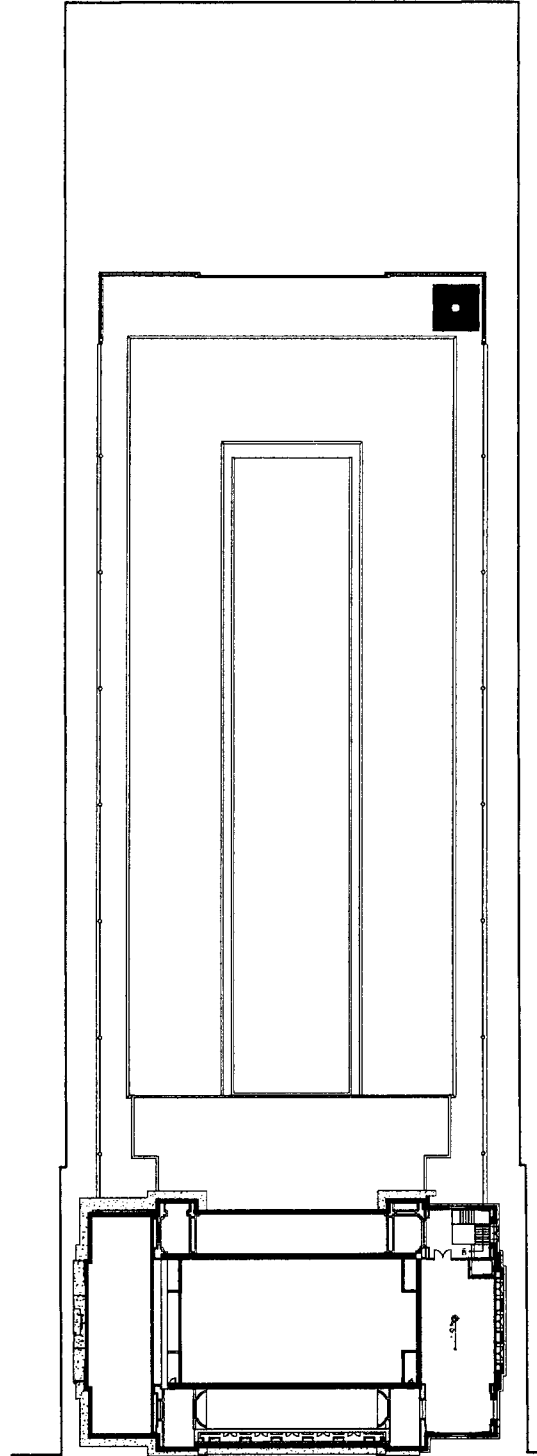
**PROPOSED 3RD FLOOR  
 DEVELOPMENT PLAN**

**RECREATION PIER**  
 1715 Thames Street Baltimore, Maryland

SCALE: 1/64"=1'-0"

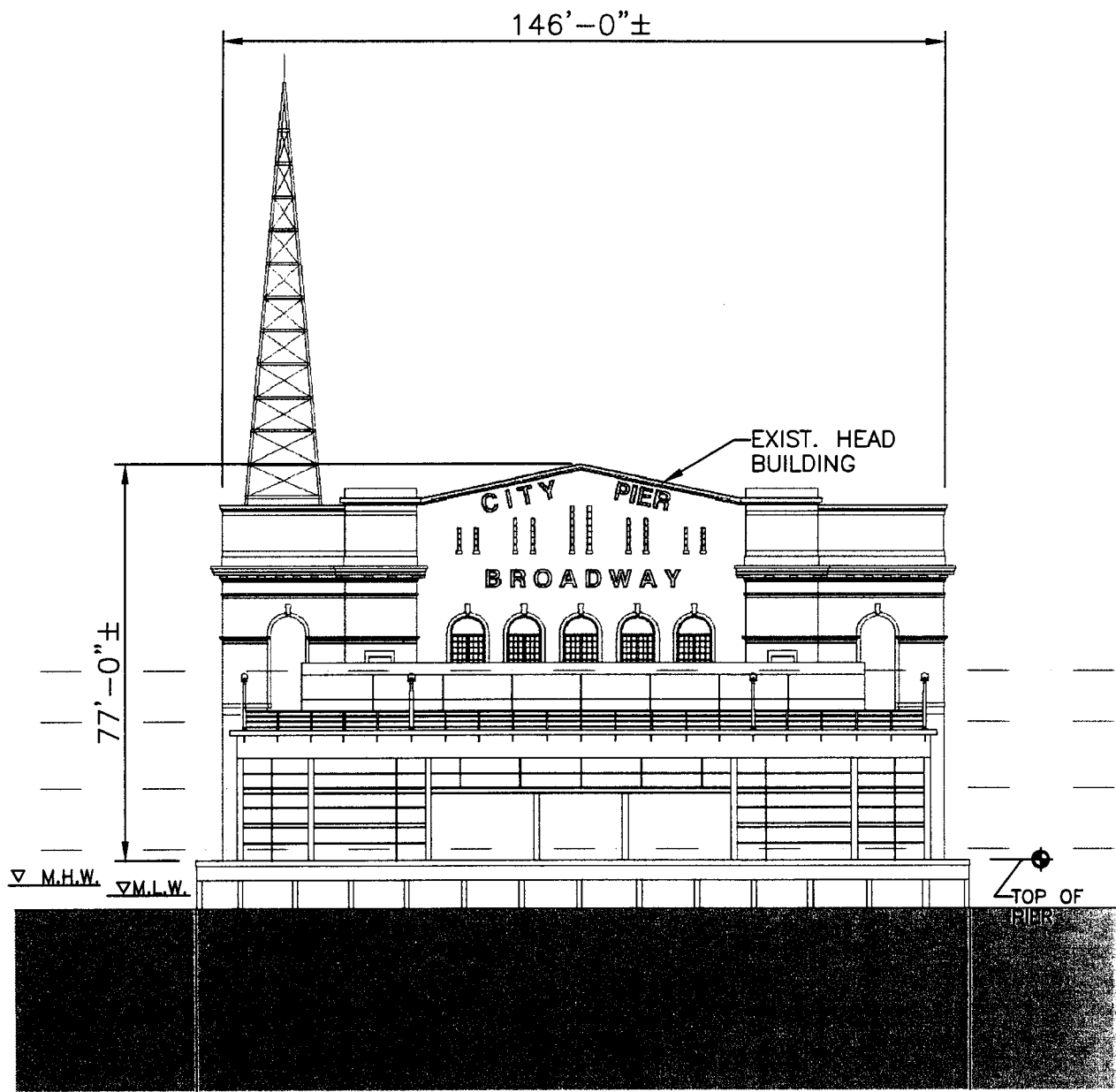
DATE:  
 08/01/14  
 DRAWING NO.  
 EXHIBIT C.1  
 WBCM NO.  
 20130548.00

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<b>PROPOSED 4TH FLOOR DEVELOPMENT PLAN</b>		DATE: 08/01/14
<b>RECREATION PIER</b>		DRAWING NO.
1715 Thames Street Baltimore, Maryland		EXHIBIT C.2
SCALE: 1/64"=1'-0"		WBCM NO. 20130548.00



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**WBCM**  
 ARCHITECTURE ENGINEERING CONSTRUCTION

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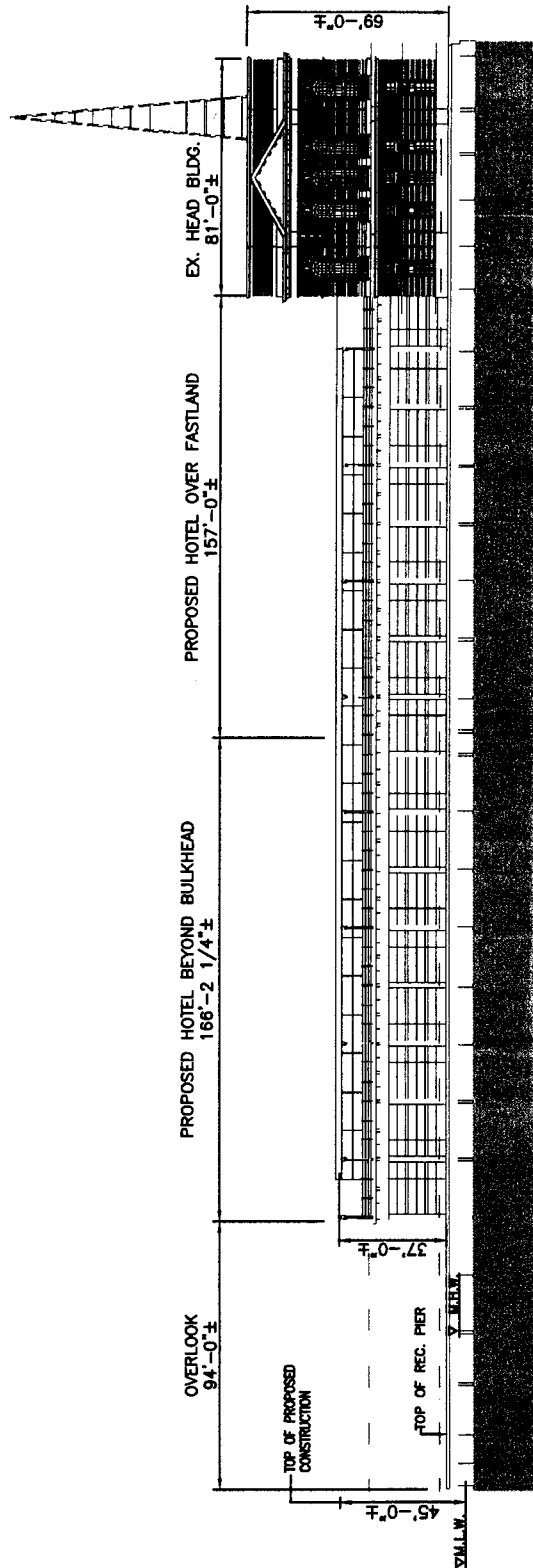
**PROPOSED DEVELOPMENT ELEVATION**

**RECREATION PIER**  
 1715 Thames Street Baltimore, Maryland

SCALE: 1/32" = 1'-0"

DATE:	08/01/14
DRAWING NO.	EXHIBIT C.3
WBCM NO.	20130548.00

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PROPOSED DEVELOPMENT ELEVATION

RECREATION PIER  
1715 Thames Street Baltimore, Maryland

SCALE: 1/64"=1'-0"

DATE:  
08/01/14

DRAWING NO.  
EXHIBIT C.4

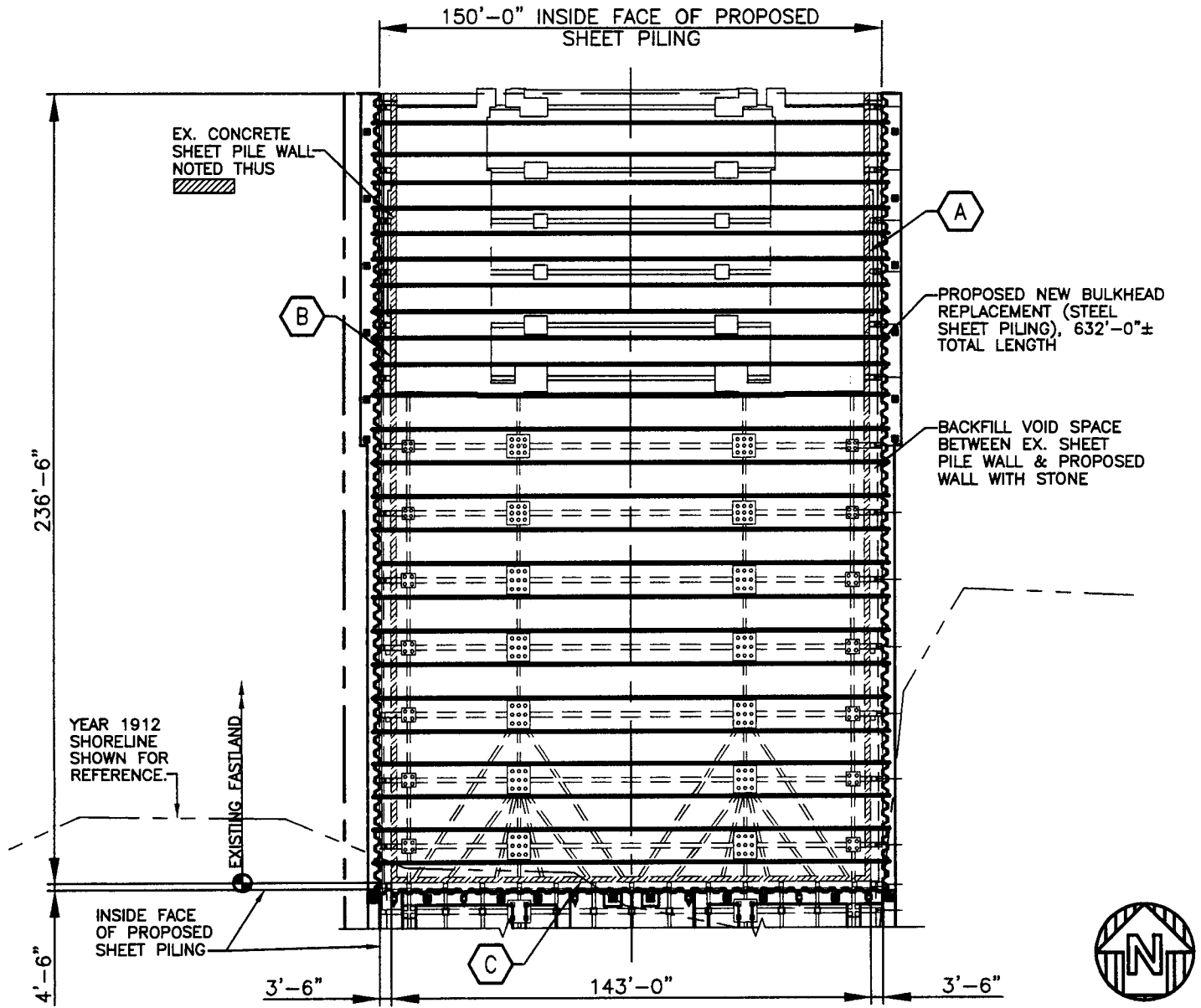
WBCM NO.  
20130548.00

**AREA OF WATER BEING BACKFILLED (S.F.)**

LOCATION	BENEATH EX. PLATFORM	BETWEEN FACE OF EX. PLATFORM AND BACK OF PROPOSED SHEET PILING	DEDUCTION
A	828	0	(355)
B	828	0	(355)
C	675	0	(225)
<b>TOTAL</b>	<b>2,331</b>	<b>0</b>	<b>(935)</b>

**NOTES:**

1. AREA DEDUCTION: 18" x LENGTH OF BULKHEAD.
2. NET AREA OF FILL: 2,331 - (935) = 1,396 SQ.FT.

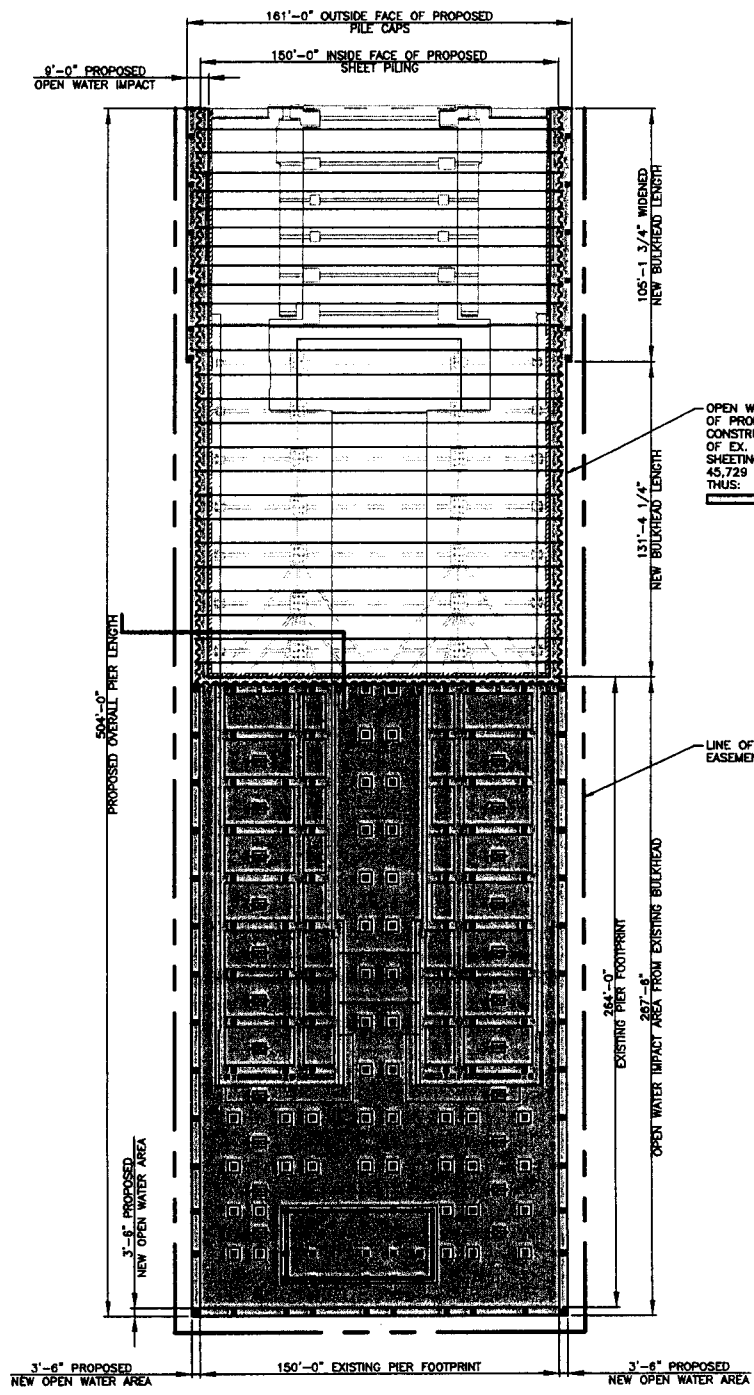


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<b>WATER AREA BEING BACKFILLED</b>	DATE: 08/01/14
<b>RECREATION PIER</b>	DRAWING NO. EXHIBIT D
1715 Thames Street Baltimore, Maryland	WBCM NO. 20130548.00
SCALE 1:30	



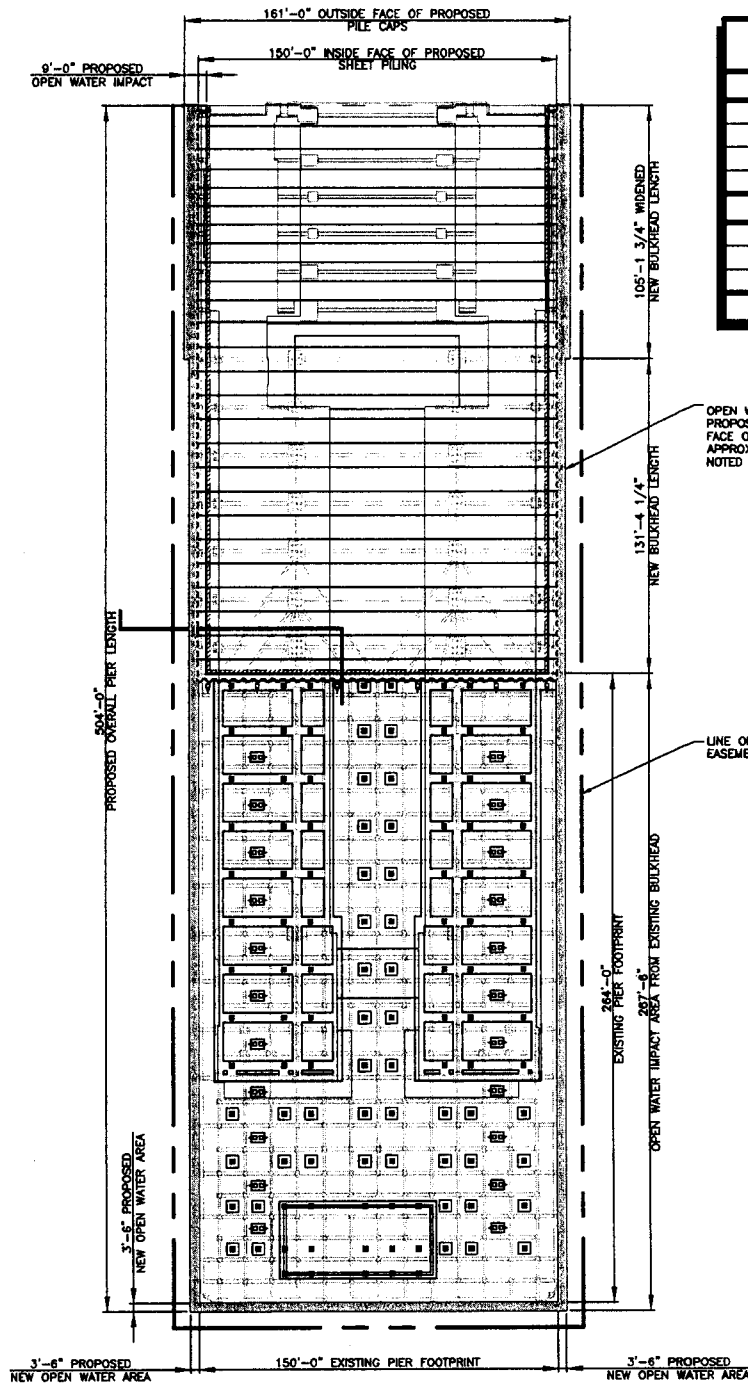


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PROPOSED OPEN WATER AREA IMPACT PLAN	DATE: 08/01/14
RECREATION PIER 1715 Thames Street Baltimore, Maryland	DRAWING NO. EXHIBIT E
SCALE 1:50	WBCM NO. 20130548.00



ADDITIONAL PIER AREA OUTSIDE OF EXISTING PIER		
<b>CONCRETE</b>		
2 X (105.15 x 3.92)	=	825 SF
2 X (131.35 x 1.92)	=	504 SF
2 X (267.5 x 3.5)	=	1873 SF
150' x 3.5'	=	525 SF
<b>FENCING</b>		
2 X (504 x 1')	=	1080 SF
150' x 1'	=	159 SF
<b>TOTAL ADDITIONAL AREA</b>	<b>=</b>	<b>4986 SF</b>

OPEN WATER IMPACT AREA OF PROPOSED CONSTRUCTION, FROM FACE OF EX. CONCRETE SHEETING, APPROX. 4,986 SQ. FT., NOTED THUS:

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Aug 04, 2014 - 4:58pm



<b>PROPOSED WETLANDS LICENCE WATER AREA IMPACT</b>		DATE: 08/01/14
<b>RECREATION PIER</b> 1715 Thames Street Baltimore, Maryland		DRAWING NO. EXHIBIT E.1
SCALE 1:50		WBCM NO. 20130548.00