



# Maryland

## Department of the Environment

**Wes Moore**, Governor  
**Aruna Miller**, Lt. Governor

**Serena McIlwain**, Secretary  
**Suzanne E. Dorsey**, Deputy Secretary  
**Adam Ortiz**, Deputy Secretary

July 07, 2025

Hartge LLC  
c/o Doldon Moore  
Doldon W Moore & Associates  
8321 Quince View Ln  
Owings, MD 20736

Via email: [dwmooorej@verizon.net](mailto:dwmooorej@verizon.net)

Re: Agency Interest Number: 5940  
Tracking Number: 202461044  
Tidal Authorization Number: 25-WQC-0010

Dear Hartge LLC:

Your project did not qualify for approval under the Maryland State Programmatic General Permit (MDSPGP); therefore a separate review and issuance of the federal permit will be required by the U.S. Army Corps of Engineers. The federal permit is not attached.

Additionally, your project required a Wetlands License to be approved and issued by the Maryland Board of Public Works (BPW). The Wetlands License will be sent to you by BPW's Wetlands Administrator.

A project that does not qualify for approval under the MDSPGP requires an individual Water Quality Certification (WQC) to be issued by the Maryland Department of the Environment, which is attached. Please take a moment to read and review your WQC to ensure that you understand the limits of the authorized work and all of the general and special conditions.

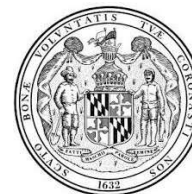
You should not begin any work until you have obtained all necessary State, local, and federal authorizations. Please contact Mel Throckmorton at [mel.throckmorton@maryland.gov](mailto:mel.throckmorton@maryland.gov) or 410-375-2803 with any questions.

Sincerely,

Jonathan Stewart  
Division Chief  
Tidal Wetlands Division



STATE OF MARYLAND  
DEPARTMENT OF THE ENVIRONMENT  
WATER AND SCIENCE ADMINISTRATION  
WATER QUALITY CERTIFICATION



25-WQC-0010

EFFECTIVE DATE: **July 7, 2025**  
CERTIFICATION HOLDER: **Hartge LLC**  
ADDRESS: **Attn: Jed Dickman**  
**P.O. Box 165**  
**Galesville, MD 20765**  
PROJECT LOCATION: **4883 Church Ln**  
**Galesville, MD 20765**

**UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH § 9-313 THROUGH § 9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED HARTGE LLC MARINA RECONFIGURATION AND AS DESCRIBED IN THE ATTACHED PLAN SHEETS DATED MARCH 7<sup>TH</sup>, 2025 AND ANY SUBSEQUENT MODIFICATIONS APPROVED BY THE DEPARTMENT WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION.**

THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

*The Maryland Department of the Environment satisfied the statutory and regulatory public notice requirements by placing the WQC on Public Notice from May 15th, 2025 to June 15th, 2025 on Maryland Department of the Environment's Public Notice webpage and advertising in the Capital Gazette on May 20th, 2025.*

## **PROJECT DESCRIPTION**

1. Replace 1,480 linear feet of bulkhead within 18 inches of an existing bulkhead; \
2. Remove two marine railways and construct 39 linear feet of new bulkhead, backfilling with 90 cubic yards of clean fill within a maximum of 20 feet channelward of the mean high water line;
3. Replace 381 linear feet of bulkhead within 18 inches channelward around an existing causeway;
4. Mechanically maintenance dredge a 399,565 square feet area and mechanically dredge a new 9,790 square foot area of marina basin to a depth of 7 feet at mean low water; to deposit 20,500 cubic yards of dredged material on an approved upland disposal site located at 40 Turning Leaf Lane, Tracys Landing, MD 20779 and/or 370 Deale Rd, Deale, MD 20751, and to provide for periodic maintenance dredging for six years;

5. Reconfigure a marina by removing existing piers, covered slip areas, and associated structures and perform the following:
- a. Pier A - Construct a 202-foot-long by 13-foot wide boardwalk over a causeway with a 90-foot long by 13-foot wide fixed pier, a 10-foot by 48.5 foot “L” shaped platform, five 36-foot long by 4-foot wide finger piers, and twelve mooring piles all within a maximum of 201 feet channelward of the mean high water line;
  - b. Pier B - Construct a 273-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 35-foot long by 6-foot wide platform, a 48-foot long by 6-foot wide platform, seven 35-foot long by 3-foot wide finger piers, seven 40-foot long by 4-foot wide finger piers, and thirty mooring piles, all within a maximum of 275 feet channelward of the mean high water line;
  - c. Pier C - Construct a 316-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 103-foot by 8-foot “T” shaped platform, eight 45-foot long by 5-foot wide finger piers, four 40-foot long by 4-foot wide finger piers, two 50-foot long by 5-foot wide finger piers, and forty-four mooring piles all within a maximum of 333 feet channelward of the mean high water line;
  - d. Pier D - Construct a 495.5-foot long by 8-foot wide floating main pier with a 4-foot wide by 25-foot long gangway, two 161-foot long by 8-foot wide piers, a 118-foot long by 8-foot wide “T” shaped platform, a 102-foot long by 8-foot wide “T” shaped platform, a 50-foot by 8-foot “T” shaped platform, five 35-foot long by 5-foot wide finger piers, six 50-foot long by 5-foot wide finger piers, four 65-foot long by 5-foot wide finger piers, one 60-foot long by 5-foot wide finger pier, four 45-foot long by 5-foot wide finger piers, and emplace seventy-two mooring piles, all within a maximum of 433 feet channelward of the mean high water line;
  - e. Pier E - Construct a 303-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 103-foot long by 8-foot wide “T” shaped platform, four 55-foot long by 5-foot wide finger piers, two 50-foot long by 5-foot long finger piers, three 40-foot long by 4-foot wide finger piers, two 35-foot long by 4-foot wide finger piers, and emplace thirty-three mooring piles within a maximum of 322 feet channelward of the mean high water line;
  - f. Pier F - Construct a 320-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 138-foot long by 8-foot wide “T” shaped platform, four 70-foot long by 5-foot wide finger piers, six 60-foot long by 5-foot wide finger piers, and emplace thirty-eight mooring piles all within a maximum of 333 channelward of the mean high water line;
  - g. Pier G - Construct a 202-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 151-foot long by 10-foot wide “T” shaped platform, one 72-foot long by 5-foot wide finger pier, one 72-foot long by 4-foot wide finger pier, three 58-foot long by 4-foot wide finger piers, three 62-foot long by 4-foot wide finger piers, and emplace forty-four mooring piles within a maximum of 212 feet channelward of the mean high water line;
  - h. Pier H - Construct a 151-foot long by 8-foot wide floating pier with a 4-foot wide by 25-foot long gangway, a 82-foot long by 8-foot wide “T” shaped platform, six 45-foot long by 5-foot wide finger piers, and emplace twenty-four mooring piles within a maximum of 164 feet channelward of the mean high water line;
  - i. Replace-in-kind two travel lifts measuring 49-foot long by 26-foot wide and 60.5-foot long by 34-foot wide within a maximum of 60.5 feet channelward of the mean high water line;
  - j. Replace-in-kind a covered boathouse that is 250-foot long by 150-foot wide and ranges in height from 25 to 33 feet above mean low water and replace in-kind the existing fixed piers to floating piers.

## **GENERAL CONDITIONS**

1. All water quality-related performance standards and conditions required by the Department in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation shall be met.
2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
3. All additional authorizations or approvals, including self-certifying General Permits issued by the Department, shall be obtained and all conditions shall be completed in compliance with such authorizations.
4. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the U.S. Army Corps of Engineers, and its approved revisions.
5. All fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.
6. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
7. Authorized representatives of the Department shall be provided access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
8. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands.
9. Temporary construction trailers or structures, staging areas and stockpiles shall not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
10. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers authorization NAB-202461552 until such time that it expires or is not administratively extended.

## **SPECIAL CONDITIONS**

1. All Critical Area requirements shall be followed and all necessary authorizations from the Critical Area Commission (“Commission”) shall be obtained. This Certificate does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. “Disturbance” in the Buffer means clearing, grading, construction activities, or removal of any size of tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.

2. All work performed under this Water Quality Certificate shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. Licensing by MCLB shall occur prior to the beginning of construction activities. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537- 3249, by e-mail at [MDE.MCLB@maryland.gov](mailto:MDE.MCLB@maryland.gov) or by accessing the Maryland Department of the Environment, Environmental Boards webpage.
3. The issuance of this Certificate is not a validation or authorization by the Department for any of the existing structures depicted on the plan sheets on the subject property that is not part of the authorized work description, nor does it relieve the Certificate Holder of the obligation to resolve any existing noncompliant structures and activities within tidal wetlands.
4. The Certificate Holder shall not perform any dredging from November 15th through March 1st of any year to protect wintering waterfowl. The proposed project site is located in a Historic Waterfowl Concentration Area.
5. The Certificate Holder shall complete construction of the bulkhead prior to filling behind the bulkhead. The bulkhead shall be designed and constructed to prevent the loss of fill material to waters of the State of Maryland. Only clean fill, which is free of organic, toxic, contaminated, or deleterious materials, shall be used.
6. The Certificate Holder shall design and construct the toe stone to prevent the loss of fill material to waters of the State of Maryland.
7. If the Certificate Holder transports by trucks, the trucks need to be watertight and no dredged material shall be discharged onto the roadways of the State.
8. The Certificate Holder shall conduct subsequent maintenance dredging within the scope of this Certificate in terms of authorized dredge area and authorized depths. The Certificate Holder shall:
  - a. Dredge no more than 500 cubic yards of material at each maintenance dredging.
  - b. Comply with all applicable conditions of this Certificate.
  - c. Submit a detailed dredged material disposal plan to be approved by the Water and Science Administration, Tidal Wetlands Division prior to the start of dredging.
  - d. Notify and receive approval from the Water and Science Administration, Compliance Program a minimum of 10 days prior to the start of each maintenance dredging operation.
9. The Certificate Holder shall stake the dredge area and receive approval from the Water and Science Administration's, Compliance Division prior to the start of dredging.
10. The Certificate Holder shall conduct a post dredge bathymetric survey and forward to the Water and Science Administration, Tidal Wetlands Division within 45 days after the termination of any phase of dredging.
11. The Certificate Holder shall dispose of dredged material only at the dredge disposal site(s) approved by this Certification. The Certificate Holder shall submit an application for modification of the Certification to MDE for approval of any dredge disposal site not authorized within this Certificate.
12. The Certificate Holder shall conduct maintenance dredging within the scope of this Certification in terms of authorized dredged area, volume of material and authorized depths.

13. The Certificate Holder shall remove existing piers, boathouse, and associated structures prior to the commencement of the construction of new structures.

## **STATEMENTS OF NECESSITY**

1. Statement of Necessity for General Conditions 1, 2, 3, 4, and Special Conditions 1, 5, 6, 11 These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

2. Statement of Necessity for General Conditions 5, 8, 9, and Special Conditions 5, 6, 13: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation: 26.08.02.03B(1)-B(2); COMAR 26.23; COMAR 26.24; COMAR 26.17.04

3. Statement of Necessity for General Condition 6: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. Statement of Necessity for General Condition 7: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

5. Statement of Necessity for General Condition 10: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

6. Statement of Necessity for Special Condition 2: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citation: COMAR 26.08.02.02B(2)- B(4); COMAR 26.08 02.03B(2)(d) – (e ); COMAR 26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

7. Statement of Necessity for Special Condition 4: A time of year restriction is necessary to maintain the designated use for support of estuarine and marine aquatic life and shellfish harvesting.

Citation: Federal and state laws which authorize this condition include but are not limited to: COMAR: 26.08.02.02B(1)(d); 26.08.02.02B(3); COMAR 26.08.02.02-16.

8. Statement of Necessity for Special Conditions 5, 6, 7, 8, 11: Unauthorized discharges may enter regulated waters as result of activity or structural failure. A plan to address inadvertent discharges will prevent or address further violations of water quality standards and failure of water to meet designated uses, including uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation COMAR 26.08.02.02B(1)d; COMAR 26.08.02.02B(3); COMAR 26.08.02.03B(1) and B(2); 26.08.02.01B(2); 26.08.02.02B(1)

9. Statement of Necessity for Special Condition 9, 10: The condition is necessary to ensure that the dredging results in water depths which are appropriate to support designated uses of fishing and water contact recreation and propagation of fish, other aquatic life and wildlife; and ensure that no discharges are unsightly, create a nuisance, change to an objectionable color or interferes with designated uses.

Citations: COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1); 26.08.02.02B(3); COMAR 26.08.02.03B

10. Statement of Necessity for Special Condition 12: The limits on the scope of maintenance dredging are necessary to ensure that no discharges would violate water quality standards and designated uses for water clarify, turbidity, growth and propagation of fish, other aquatic life, and wildlife; and water contact recreation

Citations: COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(3); COMAR 26.08.02.03B

## CERTIFICATION APPROVED

*Matthew C. Rowe*

Matthew C. Rowe (Jul 14, 2025 08:09 EDT)

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D. Lee Currey, Director  
Water and Science Administration

Jul 14, 2025

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Date

Tracking Number: 202461044

Agency Interest Number: 5940

Effective Date: July 7, 2025

Enclosure: Plan Sheets dated March 7, 2025

cc: WSA Inspection & Compliance Program  
Army Corps of Engineers



**Disclaimer:**

The information shown hereon was taken from several sources including Google Earth aerial photos, Maryland Maps, photographs, tax maps and a site sketch. These sources are the best available information for marine permitting purposes. This is not a detailed on-site property survey. The owner is not responsible for any inaccuracies associated with the location of above referenced existing features and related lateral lines, setbacks, etc. this sketch is for permit purposes only and is not to be used as an accurate construction document.



**VICINITY MAP: ADC MAP 5656-D-6**

**NOTES:**

1. TIDAL WATERS, TIDE RANGE IS +1.0', MAX. DIST. FROM MHW IS 334'
2. ELEVATIONS BASED ON 0 MLW
3. PROPOSED WORK: FOR A FULL WORK DESCRIPTION SEE SHEET 3.
4. ALL ACCESS IS BY WATER.
5. THIS DRAWING IS FOR OUTLINE PURPOSES ONLY.

**REVISIONS: 2/1/25**

**ADDED PAGES 33 & 34, COVERED SLIP DETAILS**  
**NUMBER OF PILES TO BE REMOVED 386 MOORING PILES, 1,071 PIER PILES. (CREOSOTE)**  
**NUMBER OF PILES TO BE INSTALLED 259 MOORING PILES, 207 PIER PILES**  
**TOTAL REMOVED = 1,457 TOTAL INSTALLED = 466**  
**NEW DMP SITE: CRANDELL SPOIL SITE**  
**40 TURNING LEAF LN, TRACYS LANDING 20779**

**PROPOSED MARINA IMPROVEMENTS**

**Doldon W. Moore & Associates, LLC**  
Cell: 443-771-2374

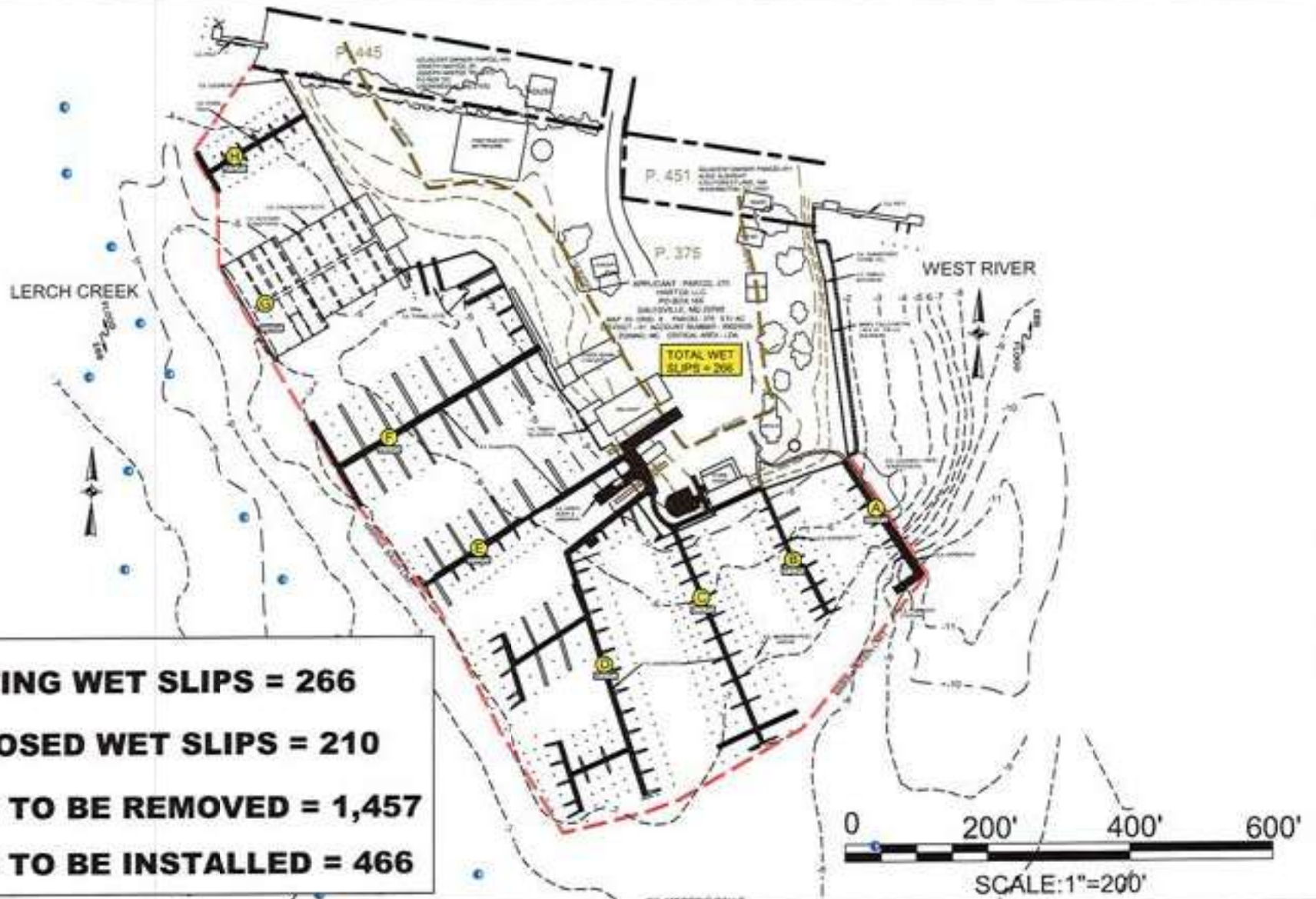
Tidal Wetlands Consultant and Facilitator  
P.O. Box 1  
Owings, MD 20736  
Email: [dwmoores@verizon.net](mailto:dwmoores@verizon.net)  
Consulting Services, Permit Facilitation, Project Management, Aquaculture, Habitat Restoration, Expert Testimony

OWNER: HARTGE LLC  
MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765  
SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765  
MAP: 89 GRID: 8 PARCEL: 375 5.51 AC  
DEED REFERENCE: 37033 / 00142  
DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

**VICINITY MAPS**



25-WQC-0010  
202461044  
5940  
3/7/25  
MT



**Doldon W. Moore &  
 Associates, LLC**  
 Cell: 443-771-2374

Tidal Wetlands Consultant  
 and Facilitator  
 P.O. Box 1  
 Owings, MD 20738  
 Email: [dwmooresjr@verizon.net](mailto:dwmooresjr@verizon.net)  
 Consulting Services, Permit Facilitation,  
 Project Management, Aquaculture,  
 Habitat Restoration, Expert Testimony

OWNER: HARTGE LLC  
 MAILING ADDRESS: PO BOX 185  
 GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
 GALESVILLE, MD 20765

MAP: 66 GRID: B PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

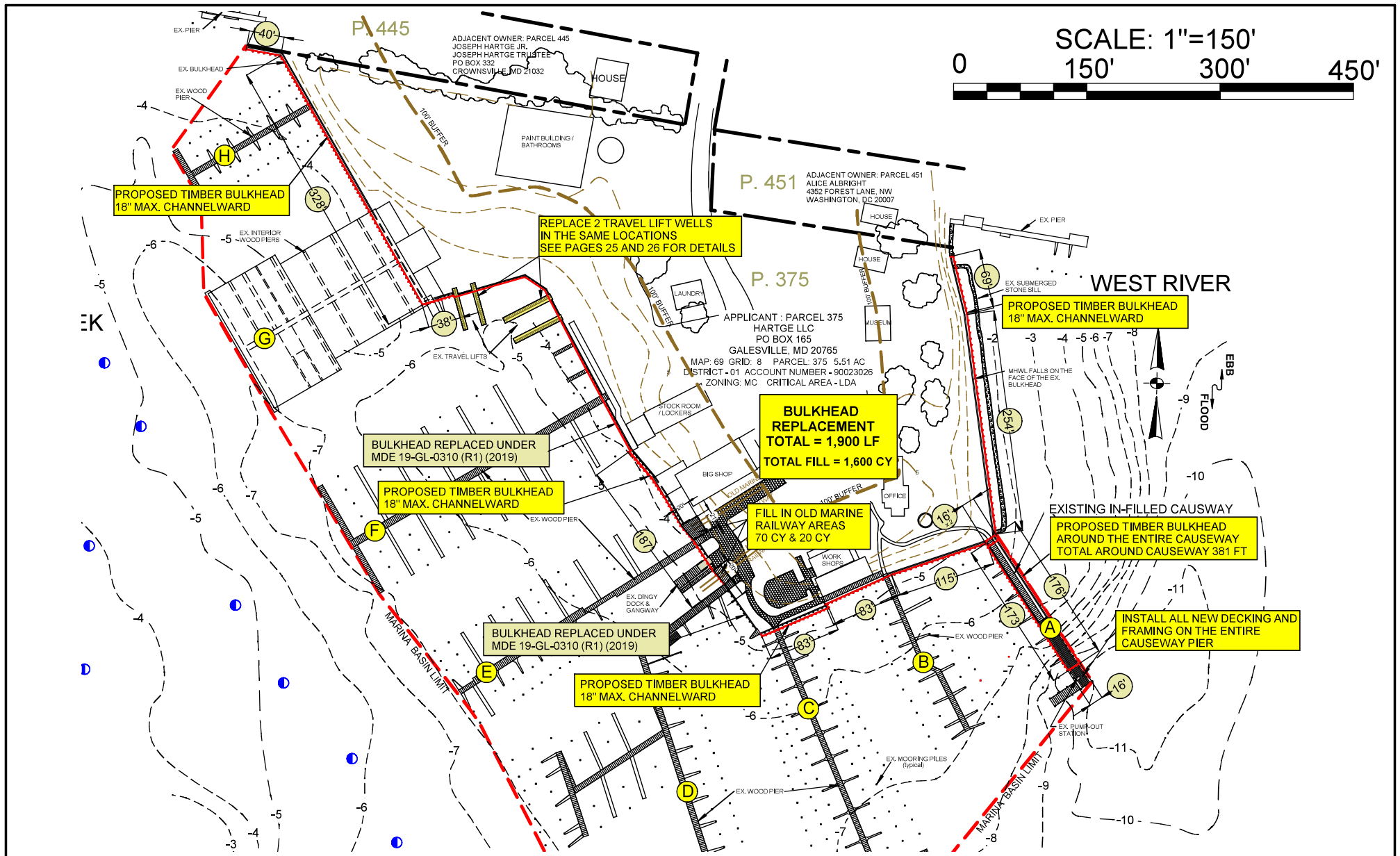
ZONING: MC CRITICAL AREA - LDA

**EXISTING SITE**

IN: WEST RIVER

25-WQC-0010  
 202461044  
 5940  
 3/7/25  
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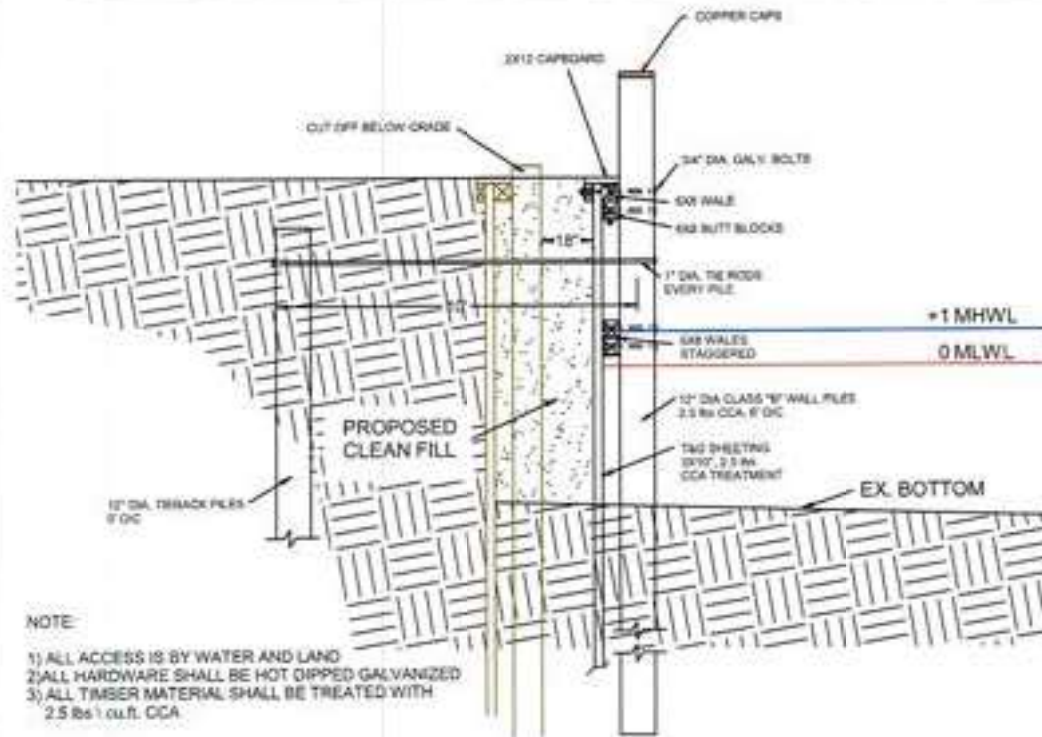
**Doldon W. Moore & Associates, LLC**  
 Cell: 443-771-2374  
 Tidal Wetlands Consultant and Facilitator  
 P.O. Box 1  
 Owings, MD 20736  
 Email: [dwmooorej@verizon.net](mailto:dwmooorej@verizon.net)  
 Consulting Services, Permit Facilitation, Project Management, Aquaculture, Habitat Restoration, Expert Testimony

OWNER : HARTGE LLC  
 MAILING ADDRESS: PO BOX 165  
 GALESVILLE, MD 20765  
 SITE ADDRESS: 4883 CHURCH LANE  
 GALESVILLE, MD 20765  
 MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
 DEED REFERENCE: 37033 / 00142  
 DISTRICT - 01 ACCOUNT NUMBER - 90023026  
 ZONING: MC CRITICAL AREA - LDA

# PROPOSED REPLACEMENT BULKHEAD

IN: WEST RIVER

25-WQC-0010  
 202461044  
 5940  
 3/7/25  
 MT

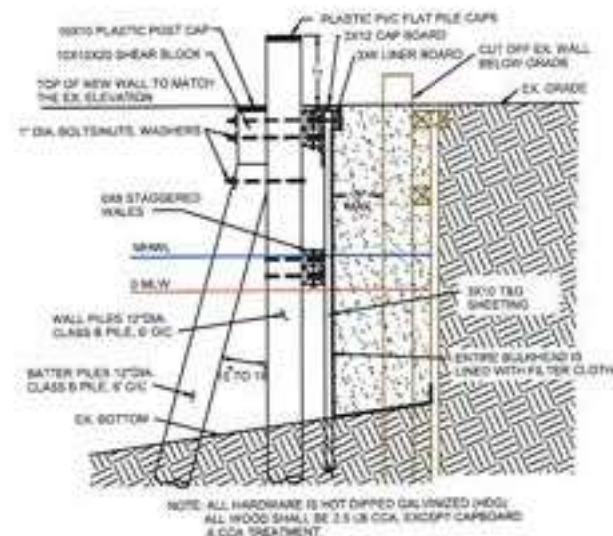


**NOTE:**

- 1) ALL ACCESS IS BY WATER AND LAND
- 2) ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED
- 3) ALL TIMBER MATERIAL SHALL BE TREATED WITH 2.5 lbs/cu.ft. CCA

**TIE BACK PILE REPLACEMENT BULKHEAD SECTION**

4'-0" 0'-0" 4'-0" 8'-0"  
SCALE: 3/16" = 1'-0"



**BATTER PILE REPLACEMENT BULKHEAD SECTION**

**Doldon W. Moore & Associates, LLC**  
Cell: 443-771-2374

Tidal Wetlands Consultant and Facilitator  
P.O. Box 1  
Owings, MD 20736

Email: [dwmooresjr@verizon.net](mailto:dwmooresjr@verizon.net)  
Consulting Services, Permit Facilitation, Project Management, Aquaculture, Habitat Restoration, Expert Testimony

OWNER: HARTGE LLC  
MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

**REPLACEMENT  
BULKHEAD  
SECTIONS**

IN: WEST RIVER

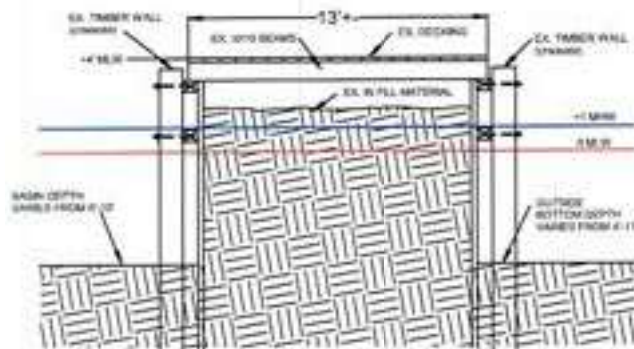
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202461044

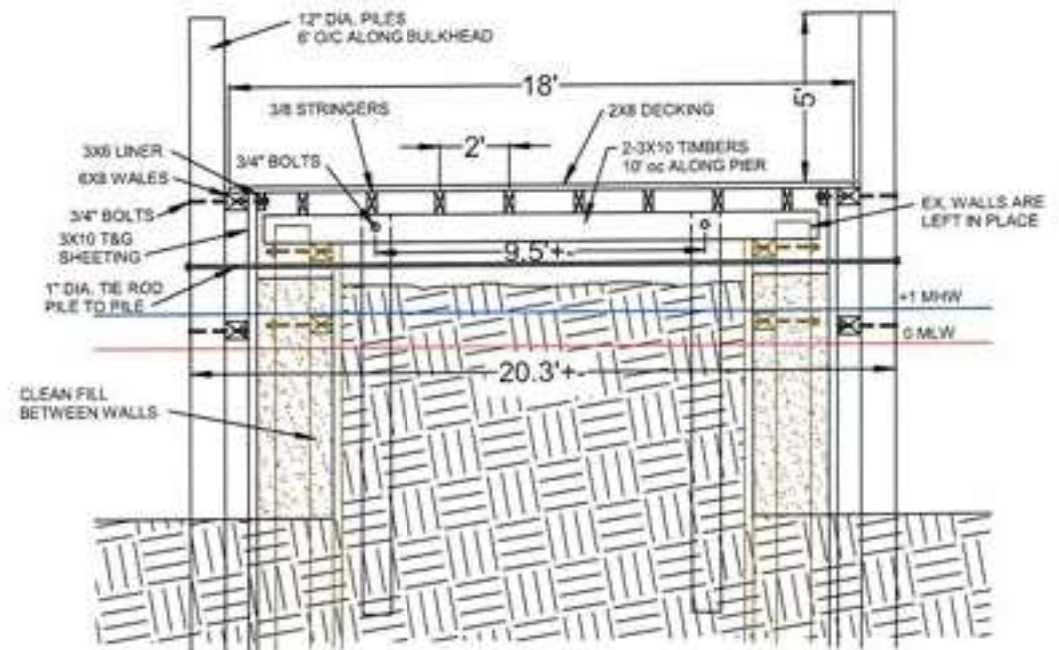
5940

3/7/25

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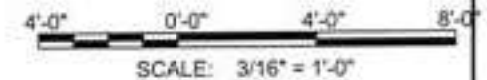
**EX. CAUSWAY SECTION**



**PROPOSED CAUSWAY BULKHEAD SECTION**

NOTE:

- 1) ALL ACCESS IS BY WATER AND LAND
- 2) ALL HARDWARE SHALL BE HOT DIPPED GALVANIZED
- 3) ALL TIMBER MATERIAL SHALL BE TREATED WITH 2.5 lbs 1 cu ft. CCA



**Doldon W. Moore & Associates, LLC**  
Cell: 443-771-2374

Tidal Wetlands Consultant and Facilitator  
P.O. Box 1  
Owings, MD 20736

Email: dmoorejr@verizon.net  
Consulting Services, Permit Facilitation, Project Management, Aquaculture, Habitat Restoration, Expert Testimony

OWNER: HARTGE LLC  
MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

**EXISTING & PROPOSED CAUSWAY SECTIONS**

IN: WEST RIVER

25-WQC-0010

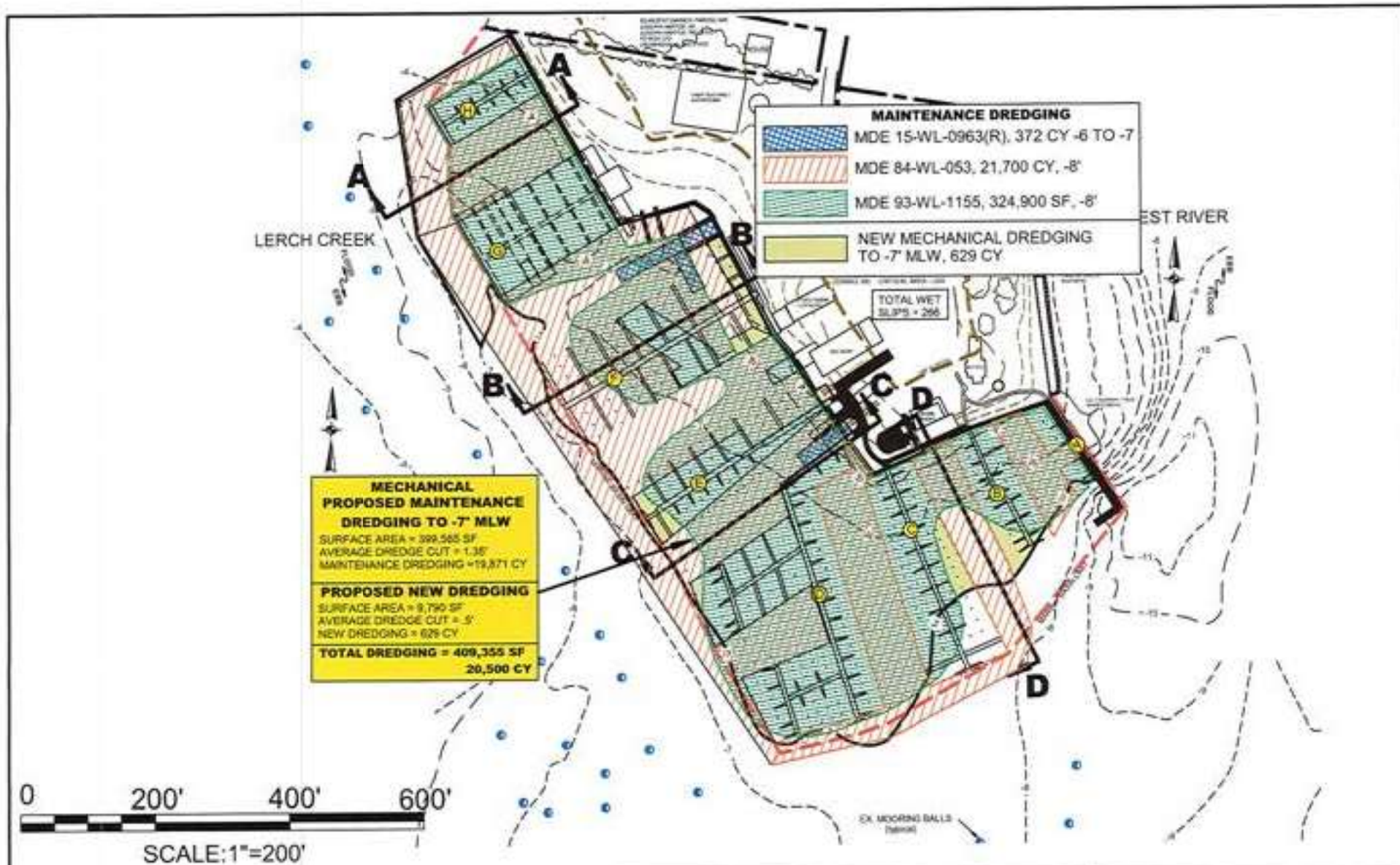
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5940

3/7/25

MT





**Doldon W. Moore & Associates, LLC**  
 Cell: 443-771-2374

Tidal Wetlands Consultant and Facilitator  
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 Owings, MD 20736  
 Email: [dwmooresjr@verizon.net](mailto:dwmooresjr@verizon.net)  
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## PROPOSED MECHANICAL MAINTENANCE DREDGING AND NEW DREDGING TO -7' MLW





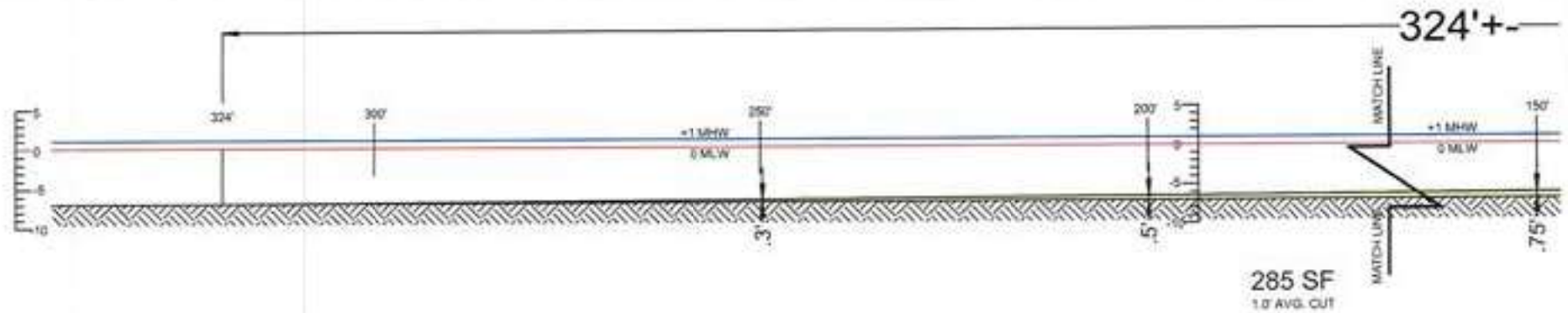
**DREDGING  
SECTION  
"A-A"**

MT

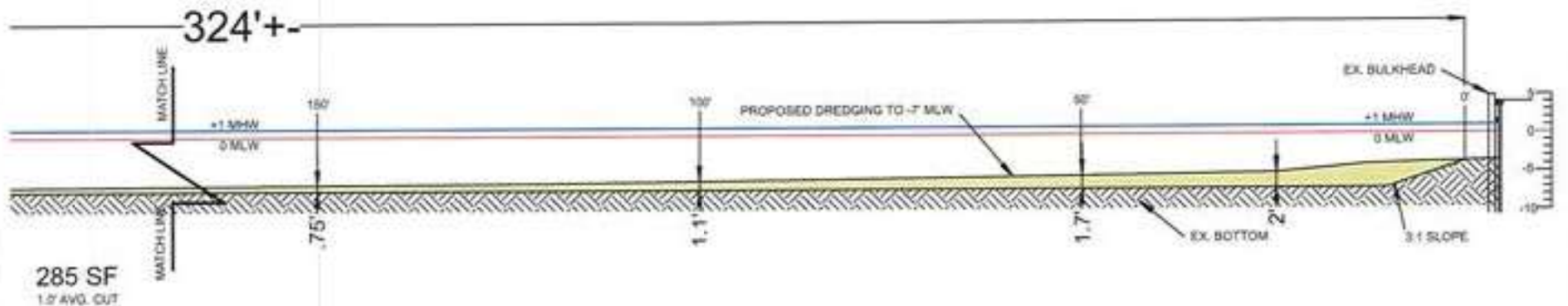








## DREDGE SECTION "C"



## DREDGE SECTION "C-C"



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Cell: 443-771-2374

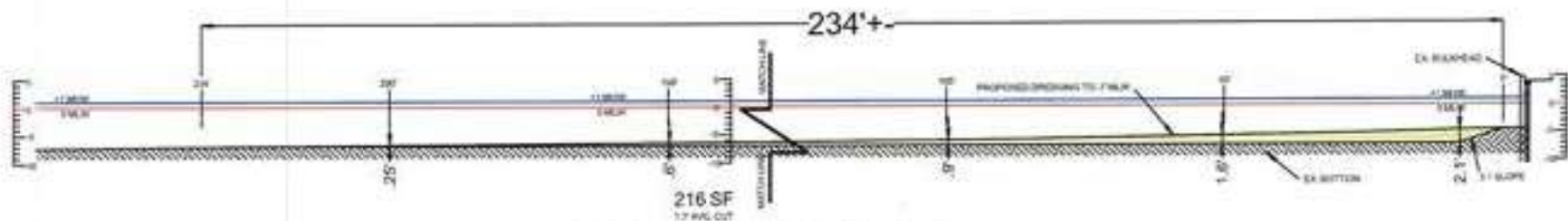
Tidal Wetlands Consultant and Facilitator  
P.O. Box 1  
Owings, MD 20738  
Email: [dwmooresjr@verizon.net](mailto:dwmooresjr@verizon.net)  
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DEED REFERENCE: 37033 / 00142  
DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

# DREDGING SECTION "C-C"

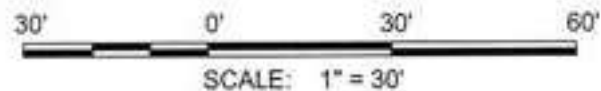
IN: WEST RIVER

25-WQC-0010  
202461044  
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3/7/25  
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### **DREDGE SECTION "D-D"**

TOTAL AVERAGE DREDGE CUT = 1.35'



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Project Management, Aquaculture,  
Habitat Restoration, Expert Testimony

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GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

***DREDGING  
SECTION  
"D-D"***

IN: WEST RIVER

25-WQC-0010

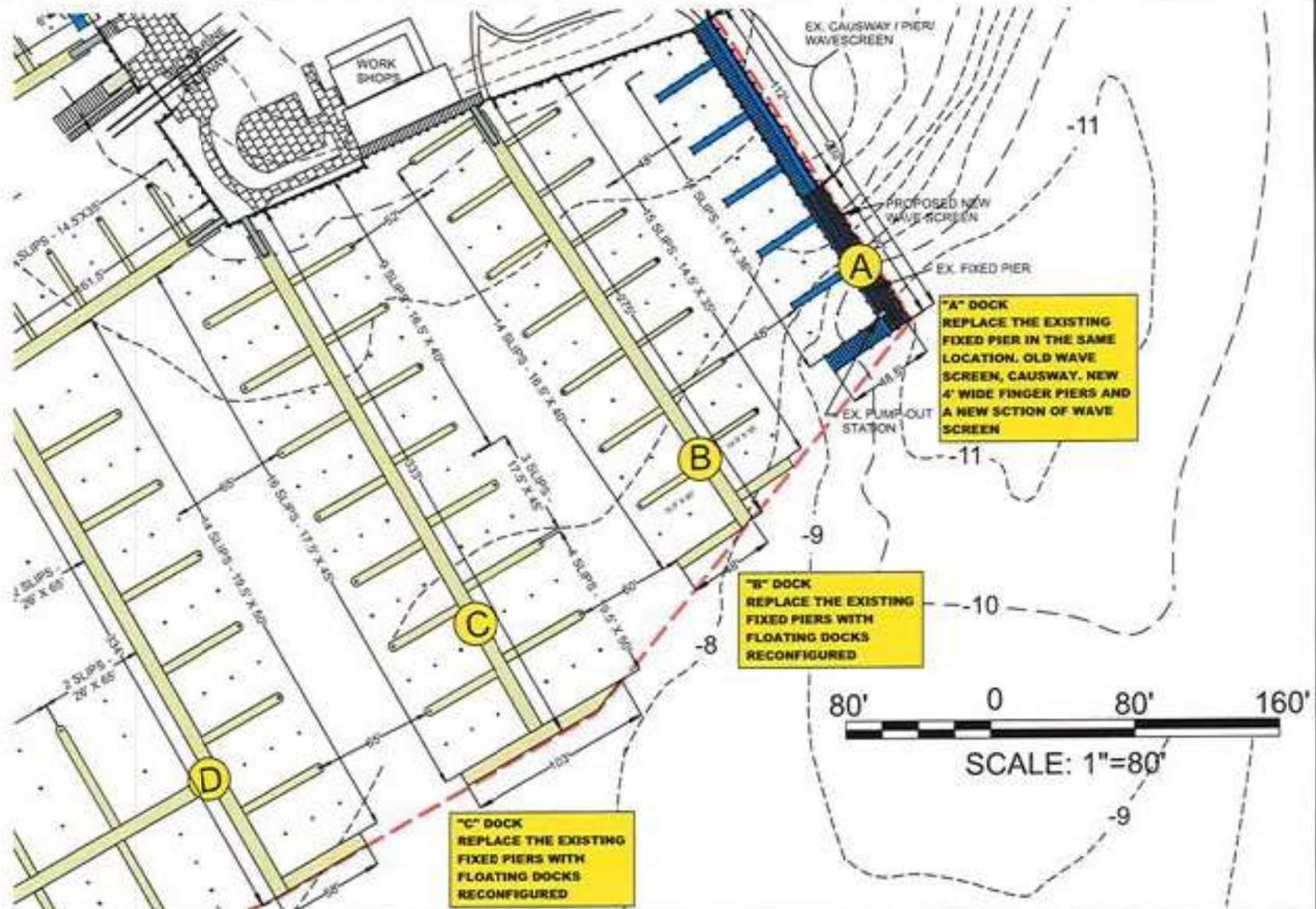
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OWNER: HARTGE LLC

MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 60 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

**PROPOSED  
PIERS  
A,B,C**

IN: WEST RIVER

25-WQC-0010

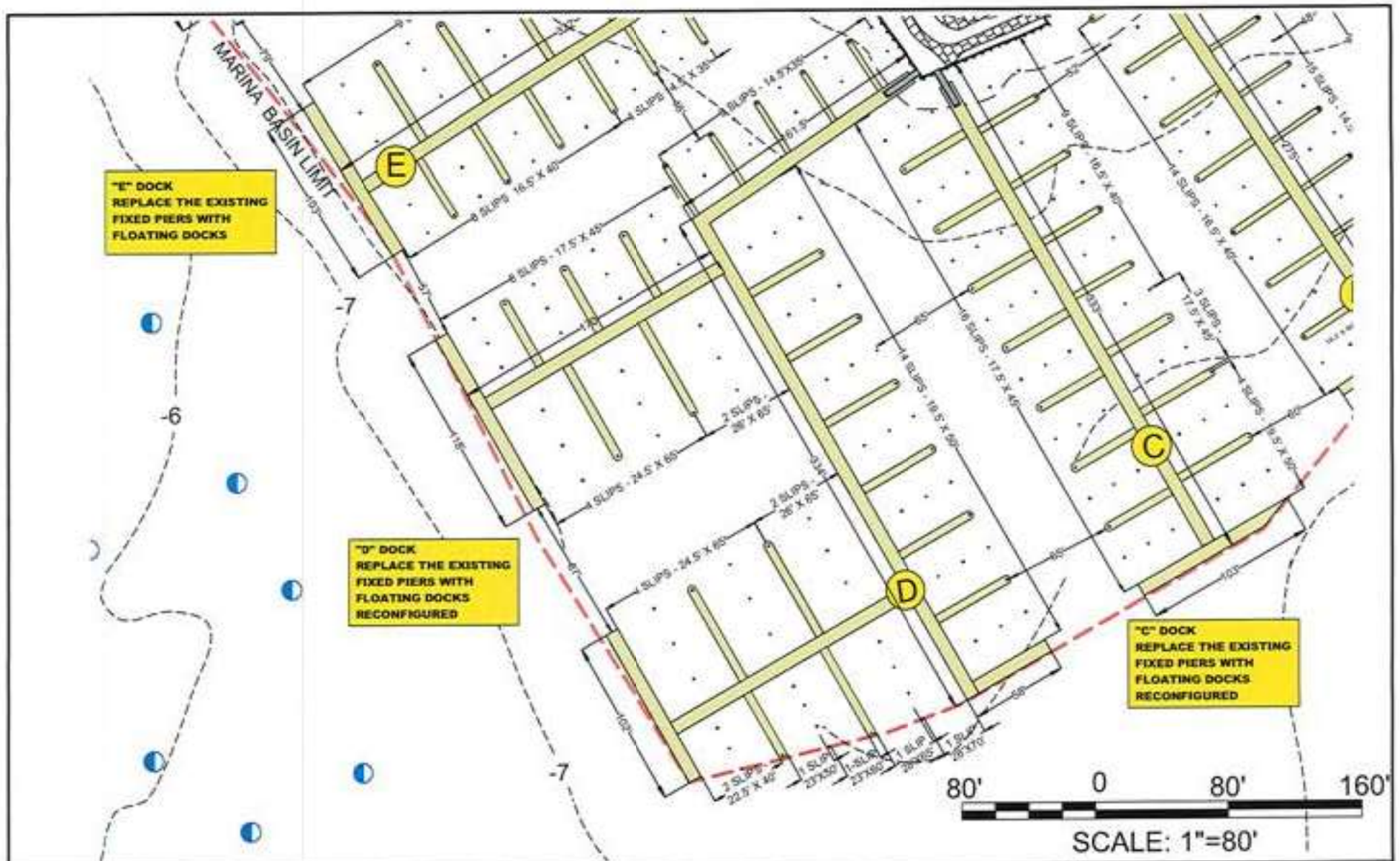
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DEED REFERENCE: 37033 / 00142

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ZONING: MC CRITICAL AREA - LDA

**PROPOSED  
PIER D**

IN: WEST RIVER

25-WQC-0010

202461044

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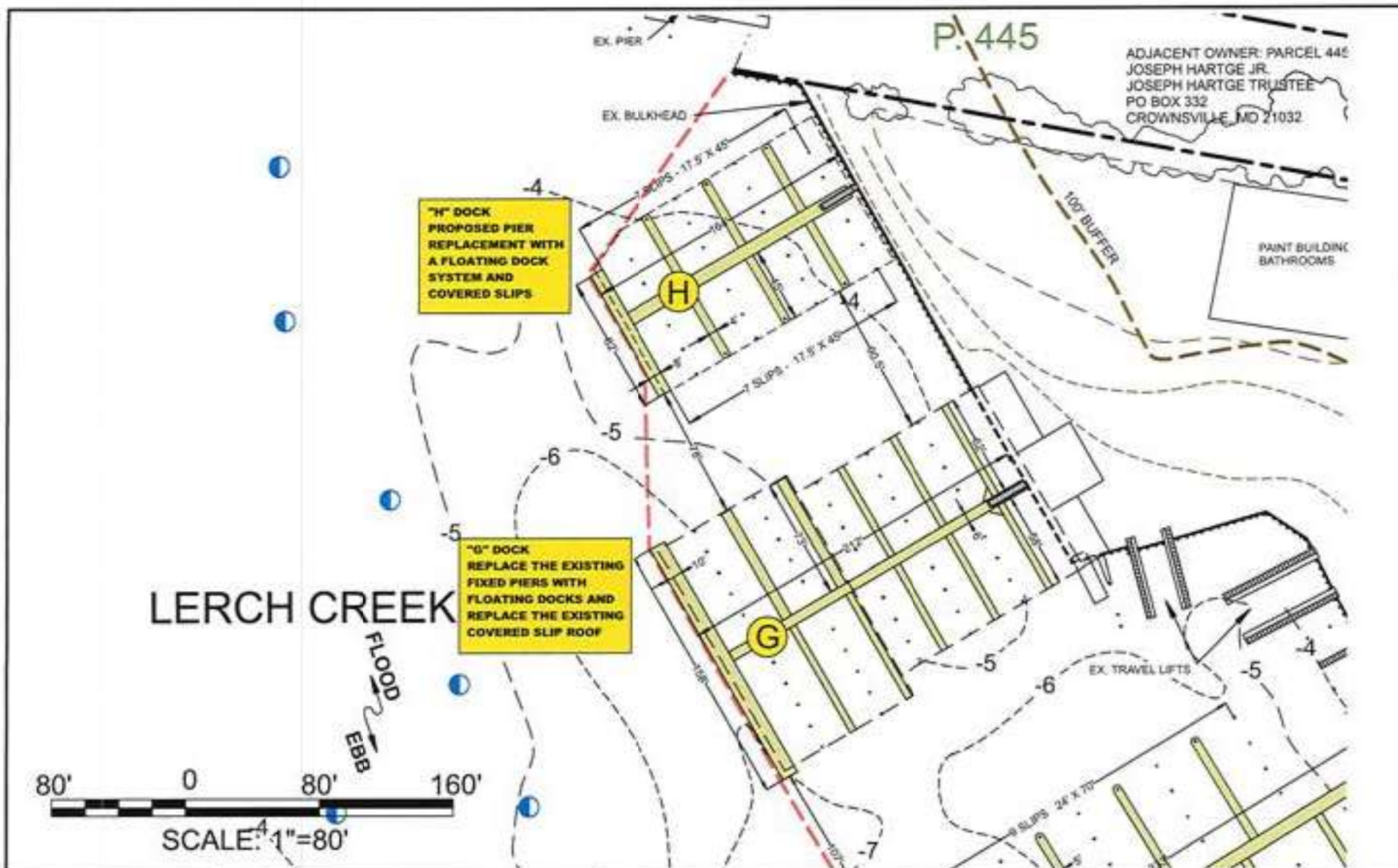
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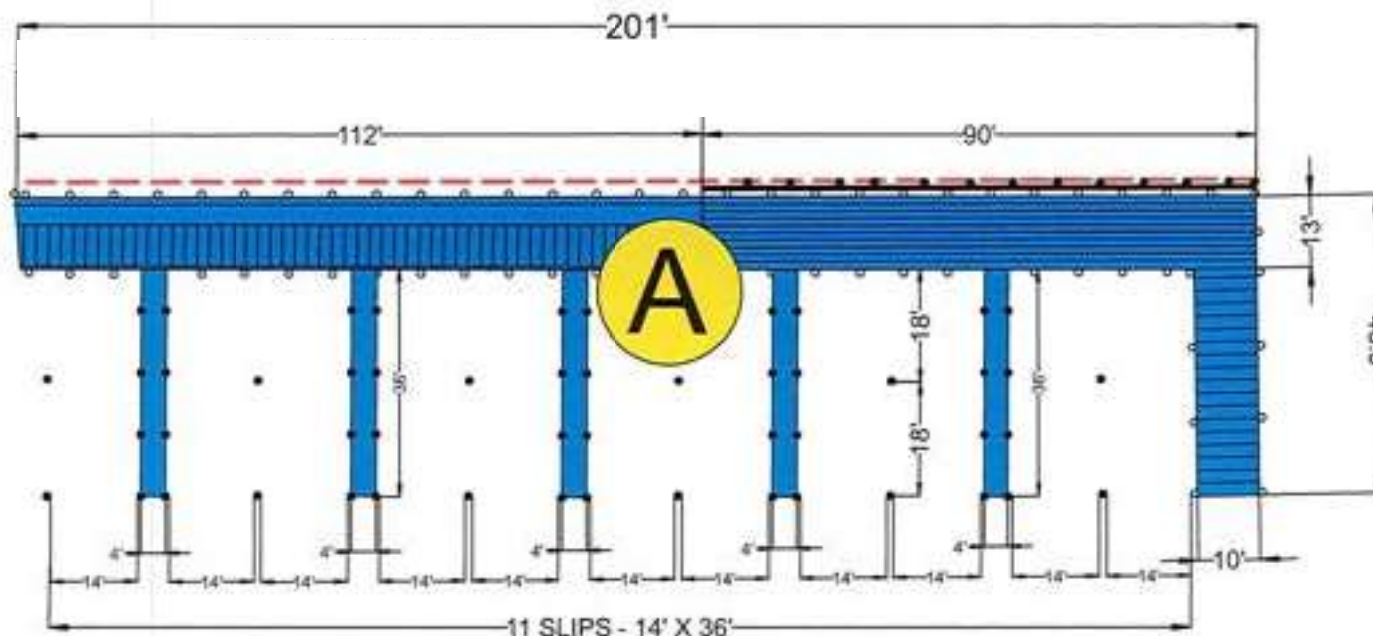
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# **PROPOSED PIERS G AND H**

IN: WEST RIVER

25-WQC-0010  
 202461044  
 5940  
 3/7/25  
 MT



**REPLACEMENT FIXED PIER "A"**

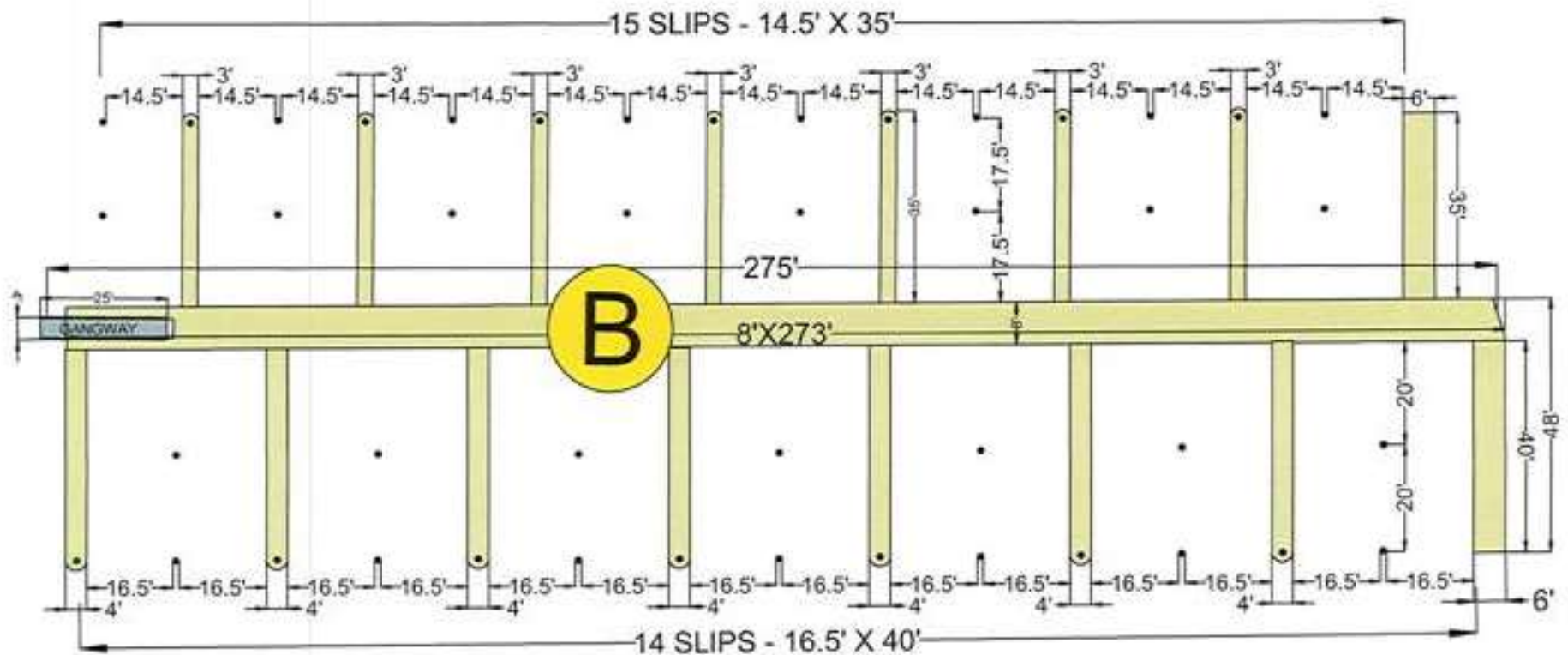


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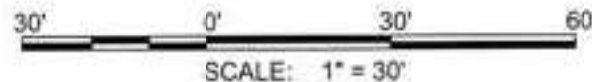
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 MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
 DEED REFERENCE: 37033 / 00142  
 DISTRICT: 01 ACCOUNT NUMBER: 90023026  
 ZONING: MC CRITICAL AREA - LDA

# **NEW PIER "A"** **DETAIL** **MEASUREMENTS**





### **REPLACEMENT FLOATING DOCK "B"**



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ZONING: MC CRITICAL AREA - LDA

## ***NEW PIER "B" DETAIL MEASUREMENTS***

IN: WEST RIVER

25-WQC-0010

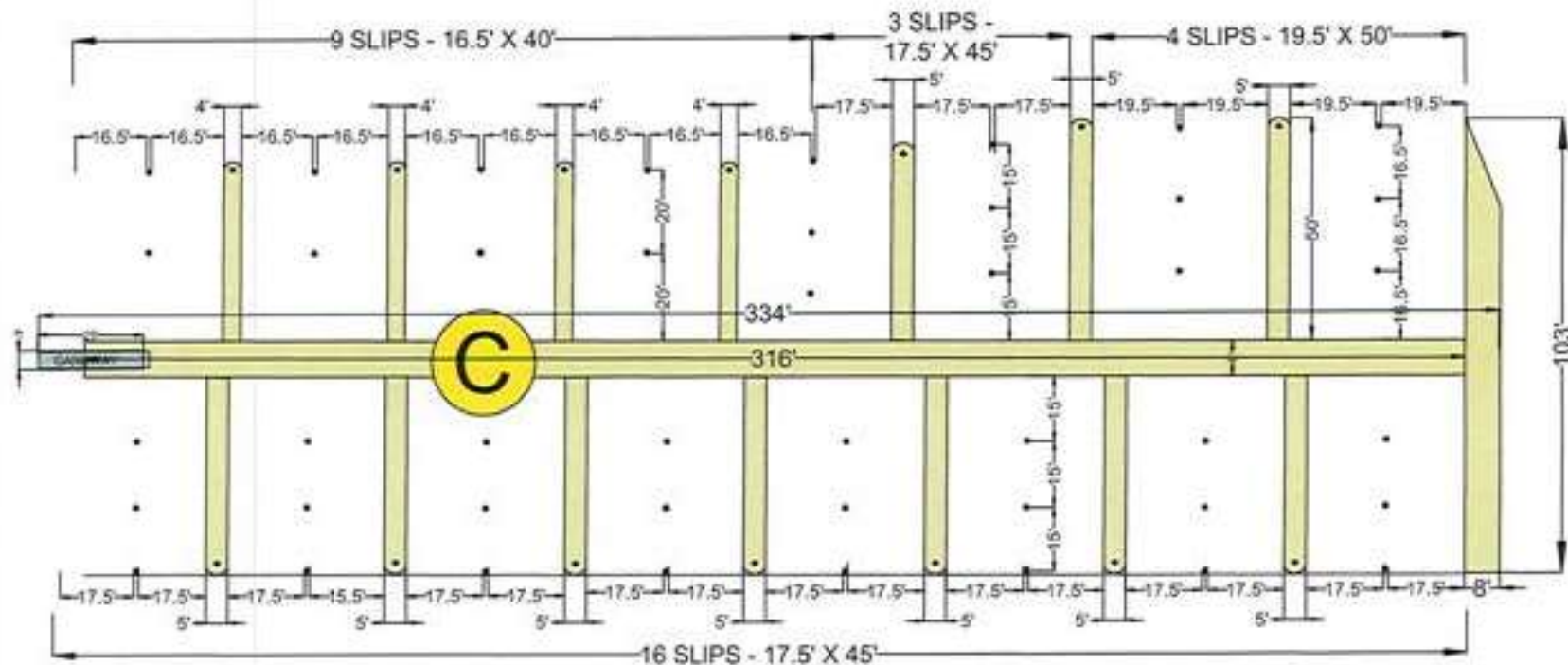
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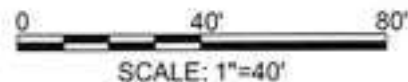
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**REPLACEMENT FLOATING DOCK "C"**



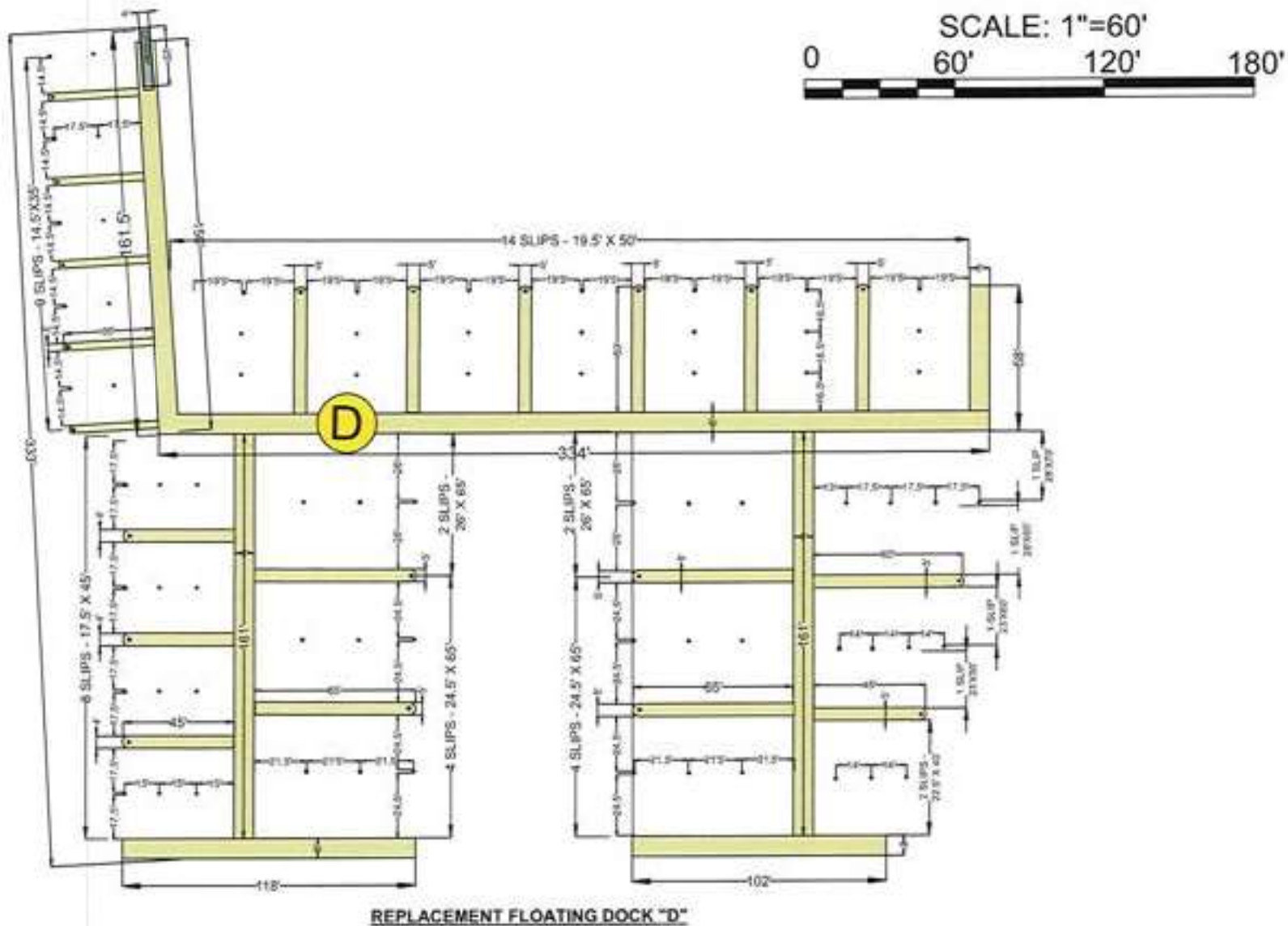
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# **NEW PIER "C"** **DETAIL** **MEASUREMENTS**

IN: WEST RIVER

25-WQC-0010  
 202461044  
 5940  
 3/7/25  
 MT

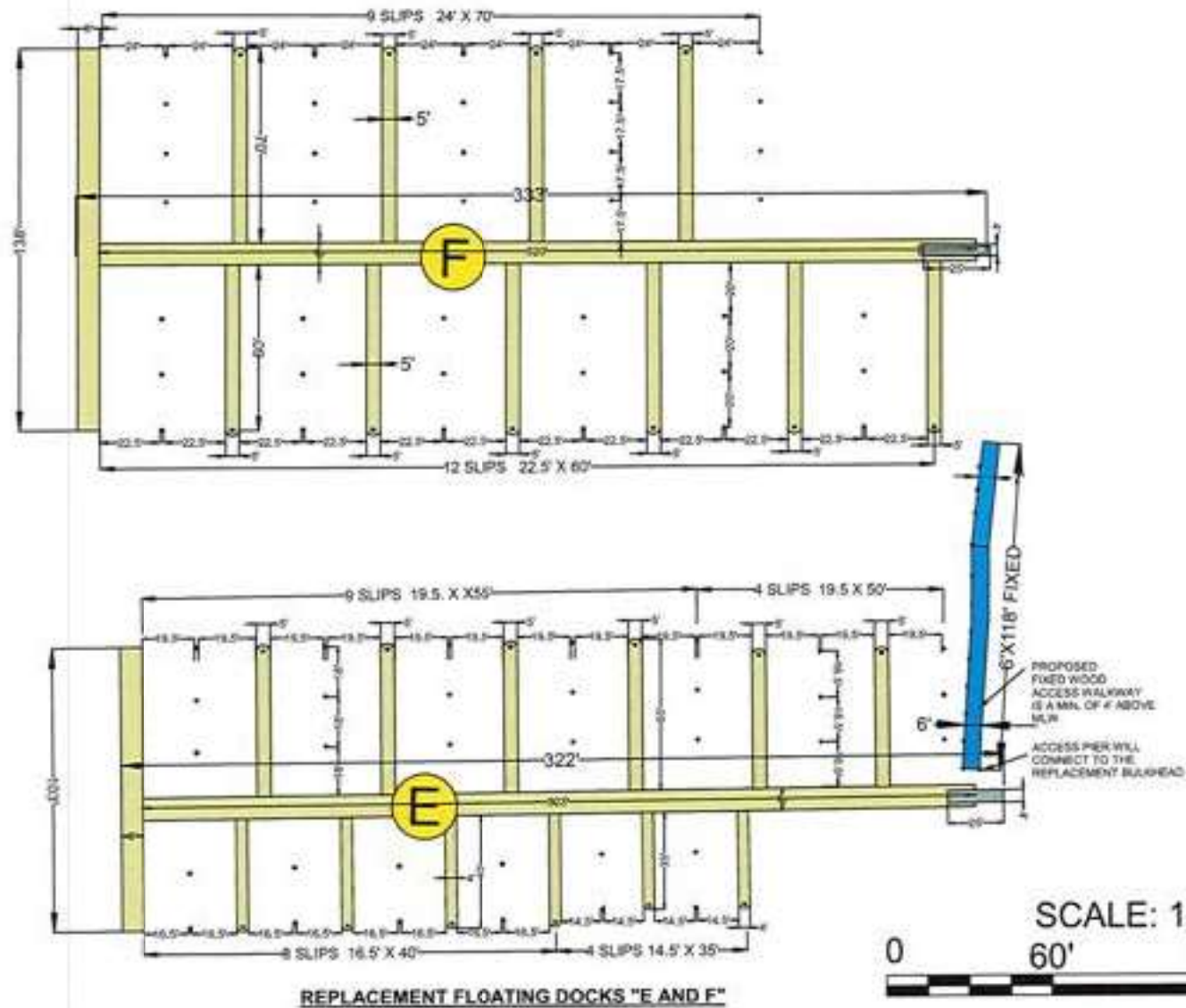


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OWNER: HARTGE LLC  
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 GALESVILLE, MD 20765  
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 GALESVILLE, MD 20765  
 MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
 DEED REFERENCE: 37033 / 00142  
 DISTRICT: 01 ACCOUNT NUMBER: 90023026  
 ZONING: MC CRITICAL AREA: LDA

# **NEW PIER "D"** **DETAIL** **MEASUREMENTS**





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OWNER : HARTGE LLC  
MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

# NEW PIERS "E & F" DETAIL MEASUREMENTS

IN- WEST RIVER

25-WQC-0010

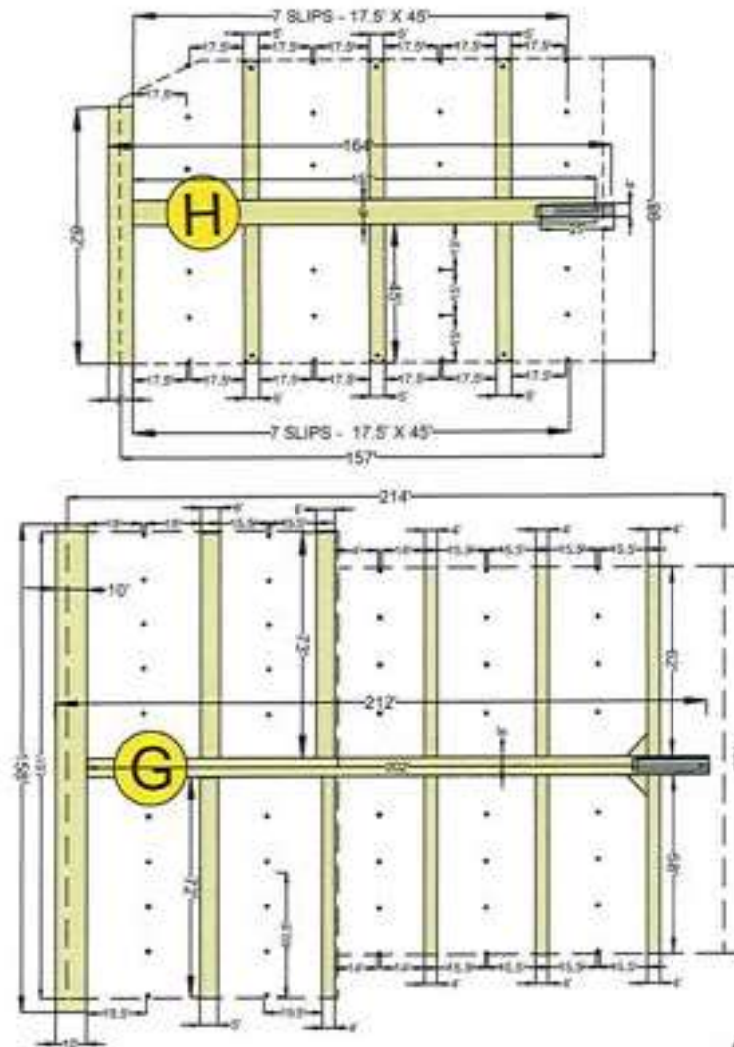
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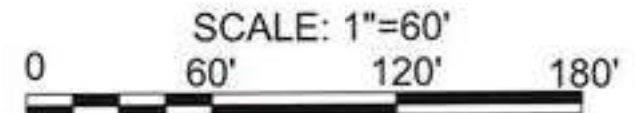
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REPLACEMENT FLOATING DOCKS "G AND H"



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OWNER : HARTGE LLC  
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GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37003 / 00142

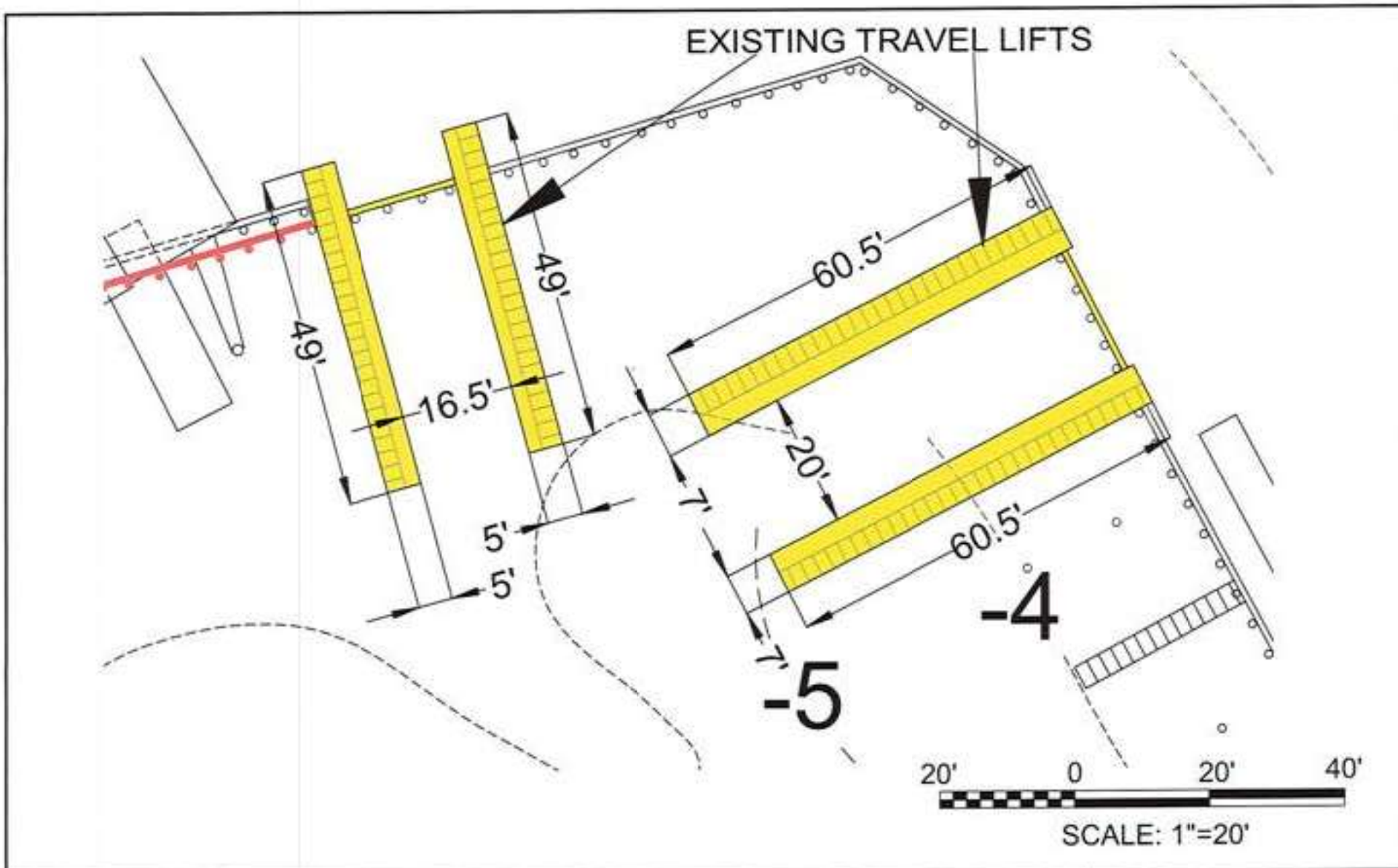
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ZONING: MC CRITICAL AREA - LDA

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IN: WEST RIVER

25-WQC-0010  
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3/7/25  
MT

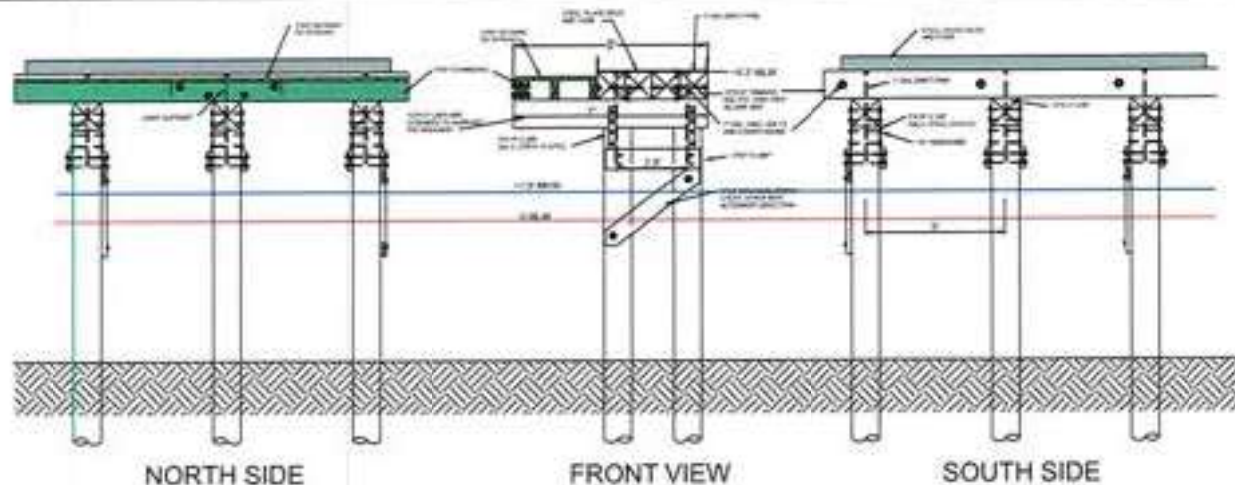


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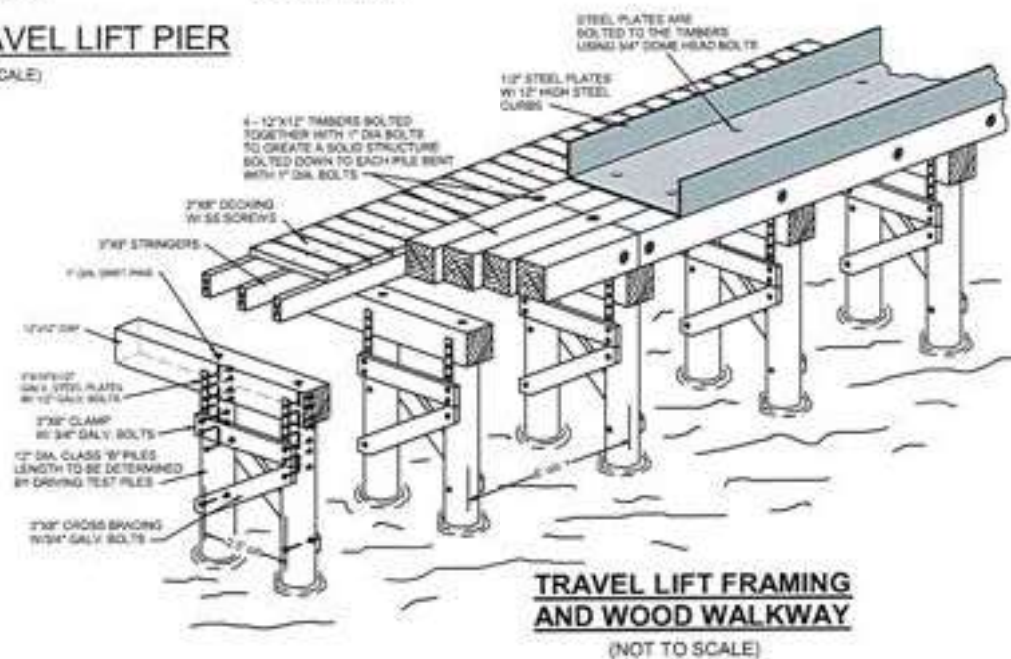
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## PROPOSED TRAVEL LIFT REPLACEMENTS "IN-KIND"





**PROPOSED TRAVEL LIFT PIER**  
(NOT TO SCALE)



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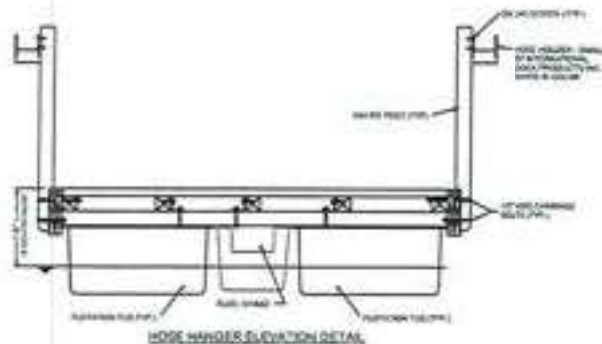
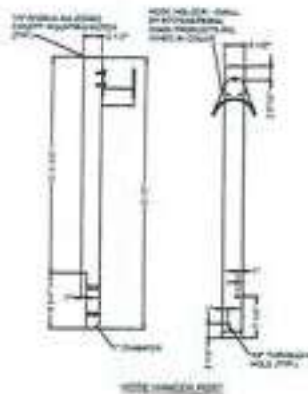
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MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765  
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DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

# TYPICAL TRAVEL LIFT DETAILS

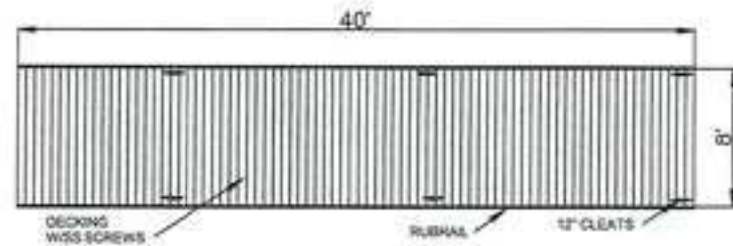
IN: WEST RIVER

25-WQC-0010  
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5940  
3/7/25  
MT

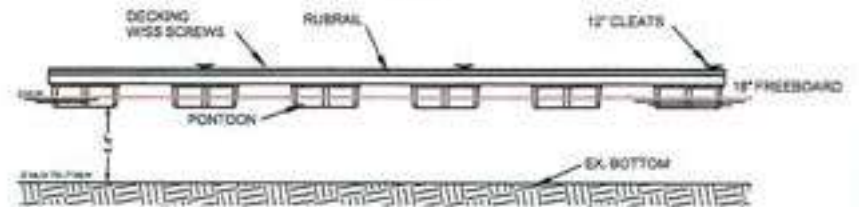




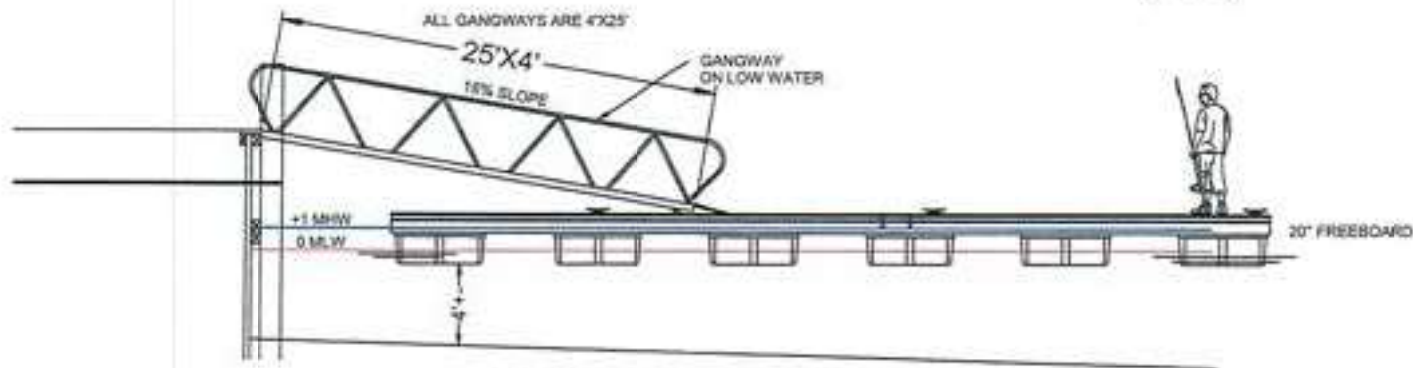
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FLOATING DOCK SECTION  
TOP VIEW



(NTS)



GANGWAY AT MEAN LOW WATER  
(NTS)

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DEED REFERENCE: 37033 / 00142

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**DETAILS**

IN: WEST RIVER

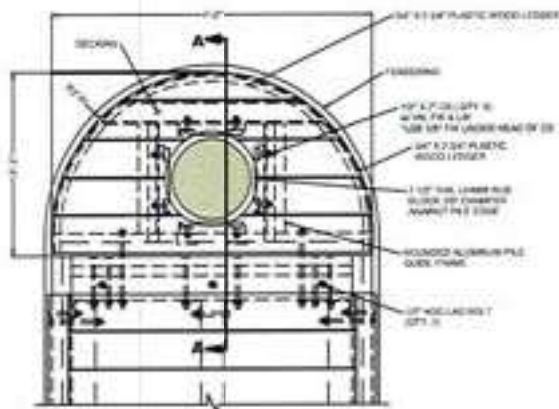
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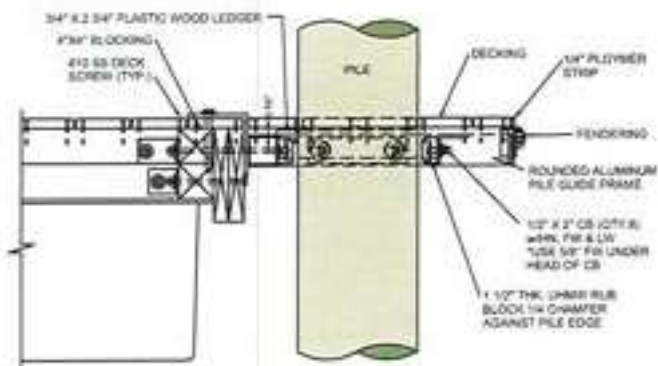
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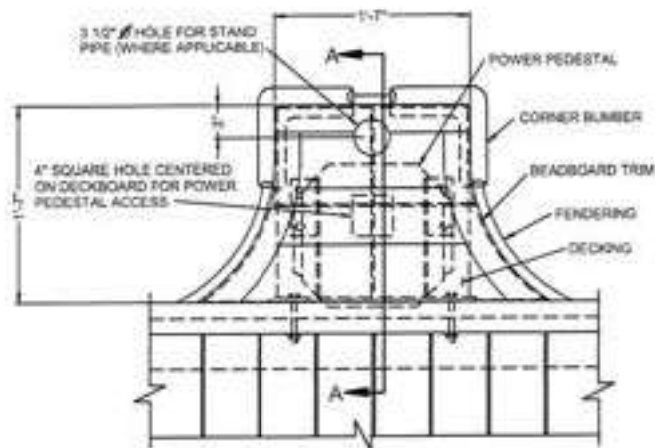
ROUNDED FINGER PILE  
GUIDE ASSEMBLY DETAIL

(NTS)



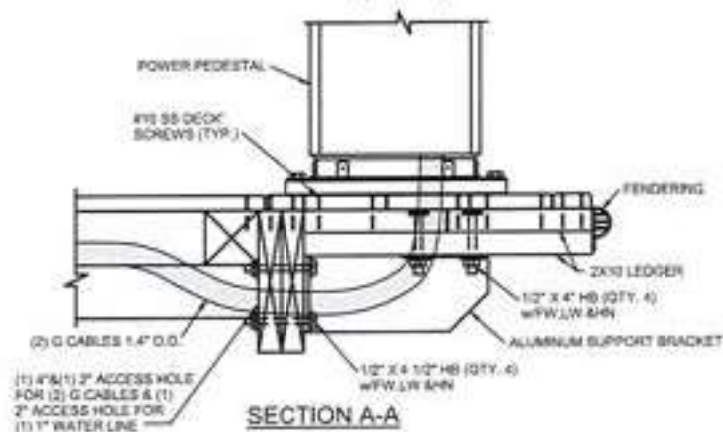
SECTION A-A

(NTS)



POWER PEDESTAL MOUNT ASSEMBLY DETAIL

(NTS)



SECTION A-A

(NTS)

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# DETAILS

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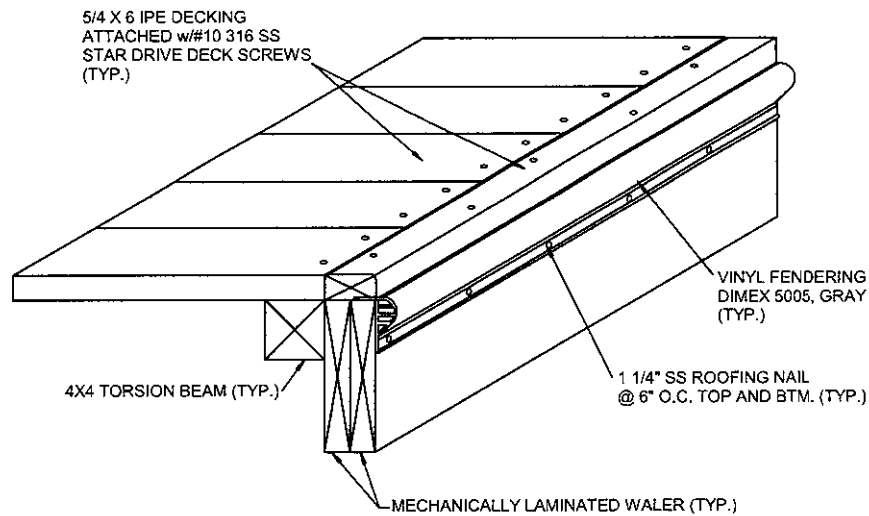
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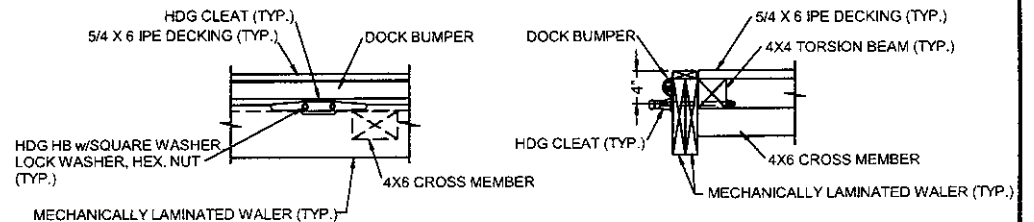
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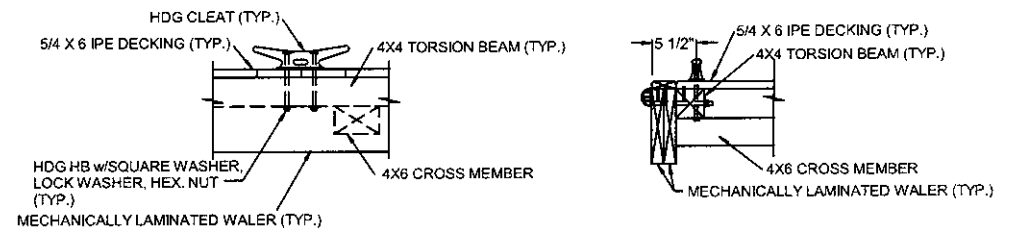




**DECKING / FENDERING ASSEMBLY DETAIL**



**CLEAT ATTACHMENT AT WALKWAY DETAIL**



**CLEAT ATTACHMENT AT A FINGER PIER DETAIL**

**Doldon W. Moore &  
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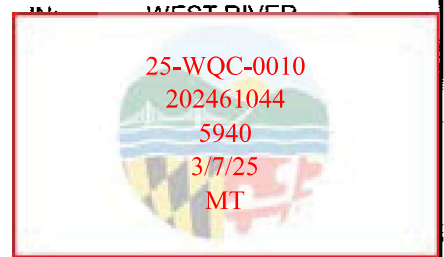
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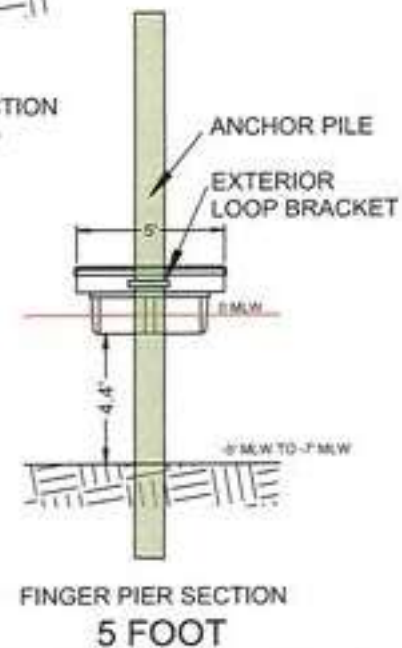
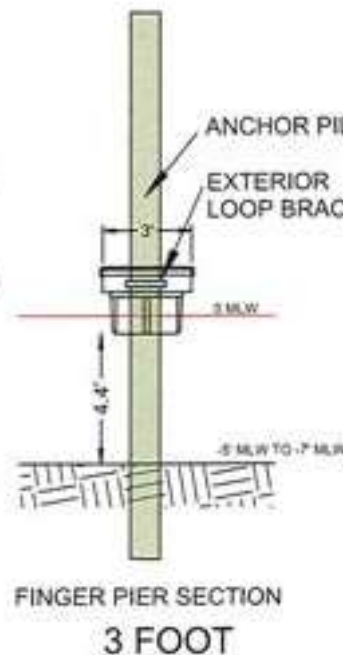
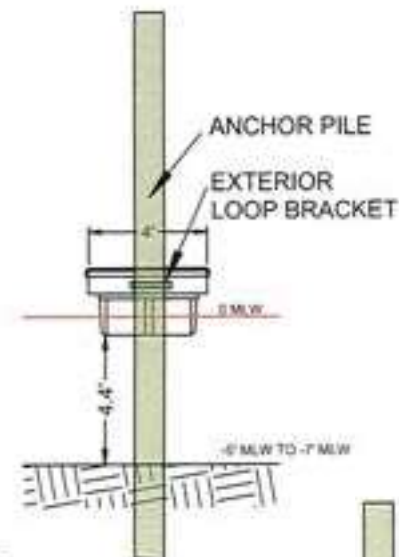
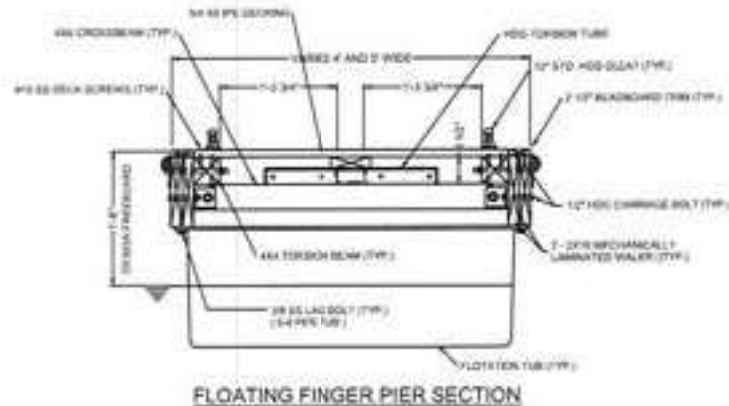
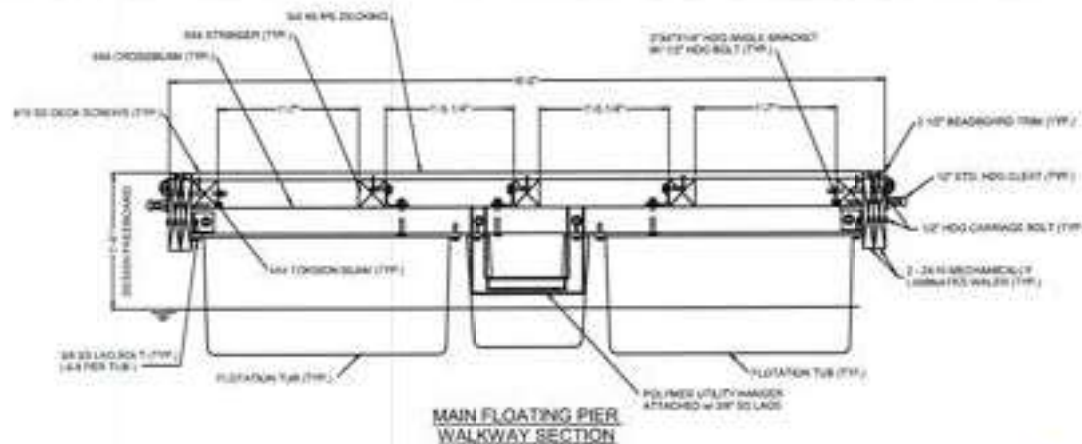
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DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

**DETAILS**



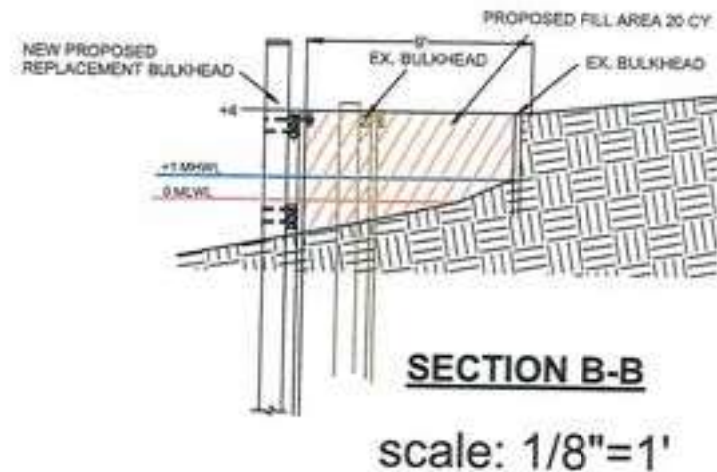
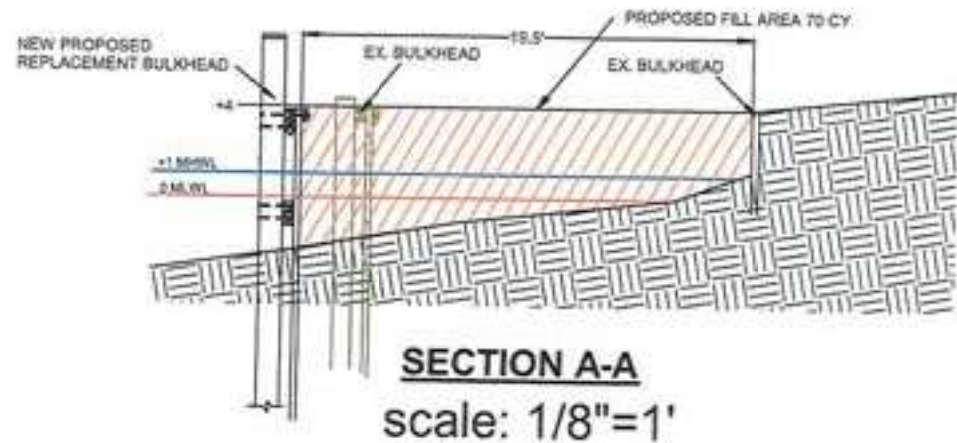
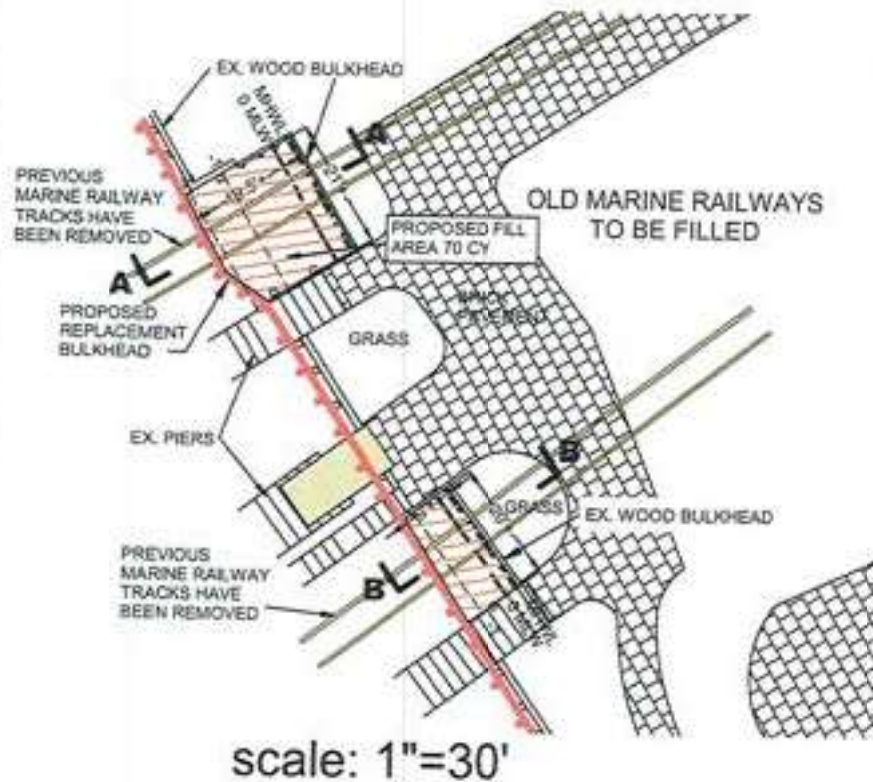


**Doldon W. Moore & Associates, LLC**  
 Cell: 443-771-2374  
 Tidal Wetlands Consultant and Facilitator  
 P.O. Box 1  
 Owings, MD 20736  
 Email: dmoorejr@verizon.net  
 Consulting Services, Permit Facilitation, Project Management, Aquaculture, Habitat Restoration, Expert Testimony

OWNER: HARTGE LLC  
 MAILING ADDRESS: PO BOX 165  
 GALESVILLE, MD 20765  
 SITE ADDRESS: 4883 CHURCH LANE  
 GALESVILLE, MD 20765  
 MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
 DEED REFERENCE: 37033 / 00142  
 DISTRICT - 01 ACCOUNT NUMBER - 90023026  
 ZONING: MC CRITICAL AREA - LDA

**DETAILS**





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Project Management, Aquaculture,  
Habitat Restoration, Expert Testimony

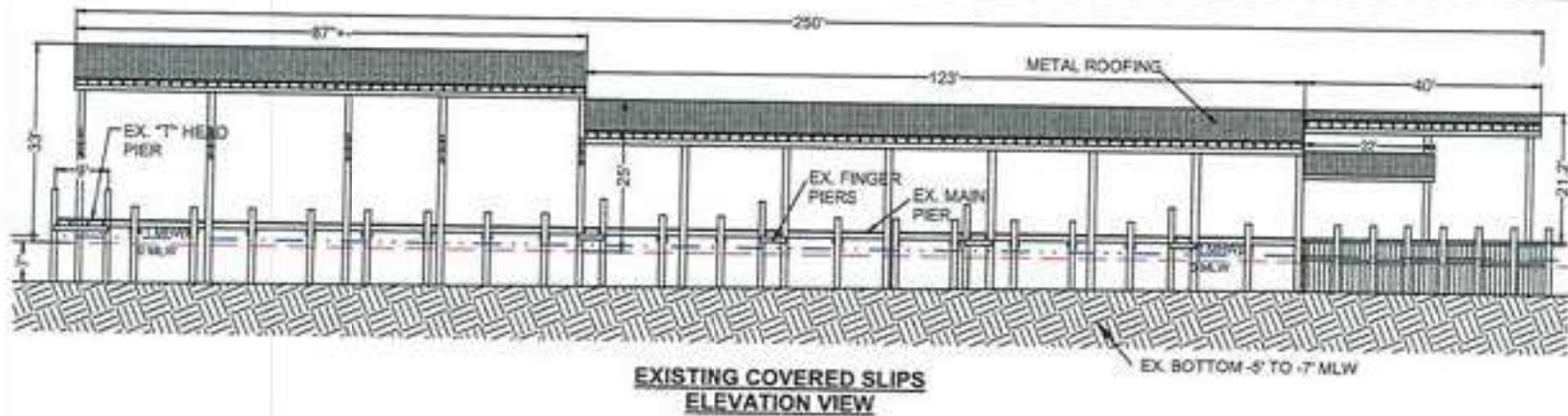
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MAP: 69 GRID: 0 PARCEL: 375 5.51 AC  
DEED REFERENCE: 37033 / 00142  
DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

## MARINE RAILWAY FILL AREAS

IN: WEST RIVER

25-WQC-0010  
202461044  
5940  
3/7/25  
MT





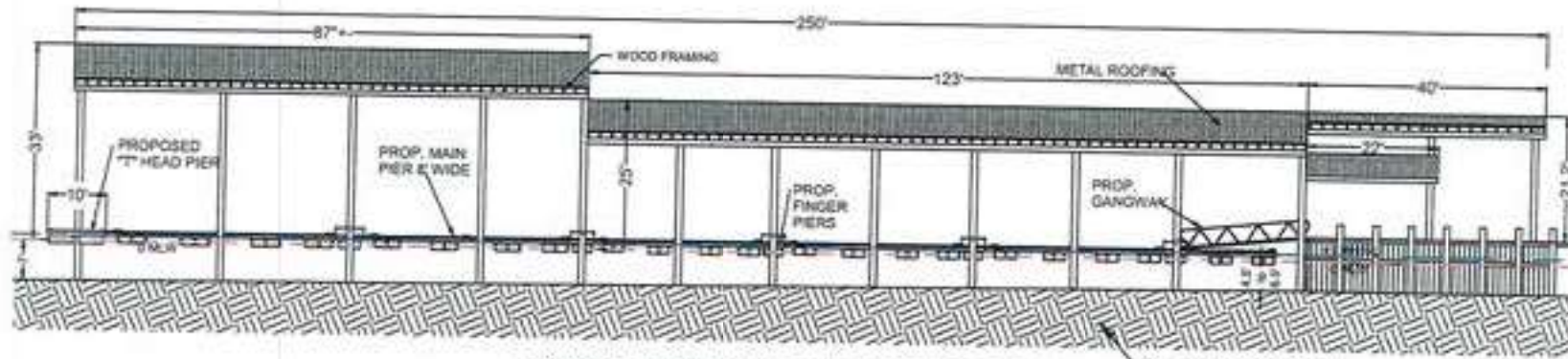
**Doldon W. Moore &  
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Cell: 443-771-2374

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and Facilitator  
P.O. Box 1  
Owings, MD 20736  
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Project Management, Aquaculture,  
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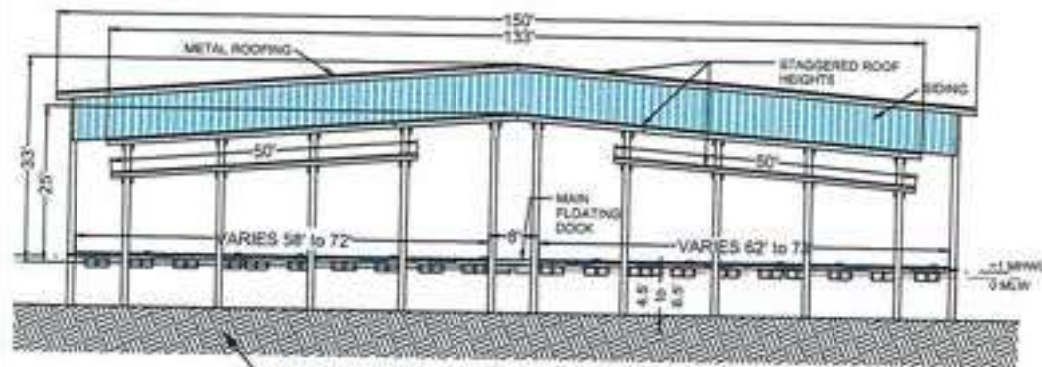
OWNER: HARTGE LLC  
MAILING ADDRESS: PO BOX 165  
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SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765  
MAP: 69 GRID: 8 PARCEL: 375 5.51 AC  
DEED REFERENCE: 37033 / 00142  
DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

**EX. COVERED  
SLIP SECTION  
& ELEVATION**

25-WQC-0010  
202461044  
5940  
3/7/25  
MT



**PROPOSED NEW COVER AND FLOATING DOCKS  
ELEVATION VIEW**



**PROPOSED NEW COVER AND FLOATING DOCKS  
FRONT VIEW**

30' 0' 30' 60'  
SCALE: 1" = 30'

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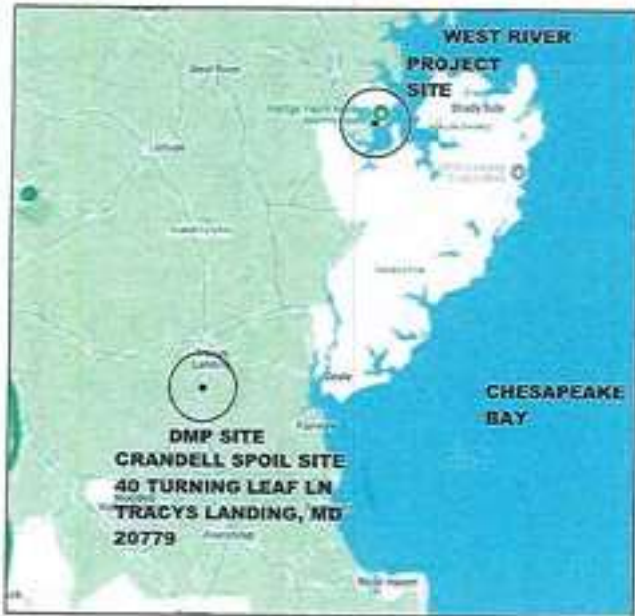
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MAILING ADDRESS: PO BOX 165  
GALESVILLE, MD 20765  
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GALESVILLE, MD 20765  
MAP: 69 GRID: 6 PARCEL: 375 5.51 AC  
DEED REFERENCE: 37035 / 00142  
DISTRICT - 01 ACCOUNT NUMBER - 90023026  
ZONING: MC CRITICAL AREA - LDA

**PROP. COVERED  
SLIP SECTION  
& ELEVATION**

IN: WEST RIVER







### DMP SITE #1

CRANDELL SPOIL SITE  
40 TURNING LEAF LN  
TRACYS LANDING, MD  
20779



### ALTERNATE DMP SITE #2

HERRINGTON HARBOUR NORTH  
370 DEALE RD.  
DEALE, MD 20751



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GALESVILLE, MD 20765

SITE ADDRESS: 4883 CHURCH LANE  
GALESVILLE, MD 20765

MAP: 69 GRID: 8 PARCEL: 375 5.51 AC

DEED REFERENCE: 37033 / 00142

DISTRICT - 01 ACCOUNT NUMBER - 90023026

ZONING: MC CRITICAL AREA - LDA

# SPOIL SITE LOCATION

IN: WEST RIVER

25-WQC-0010  
202461044  
5940  
3/7/25  
MT