

22-WL-0471

202260756

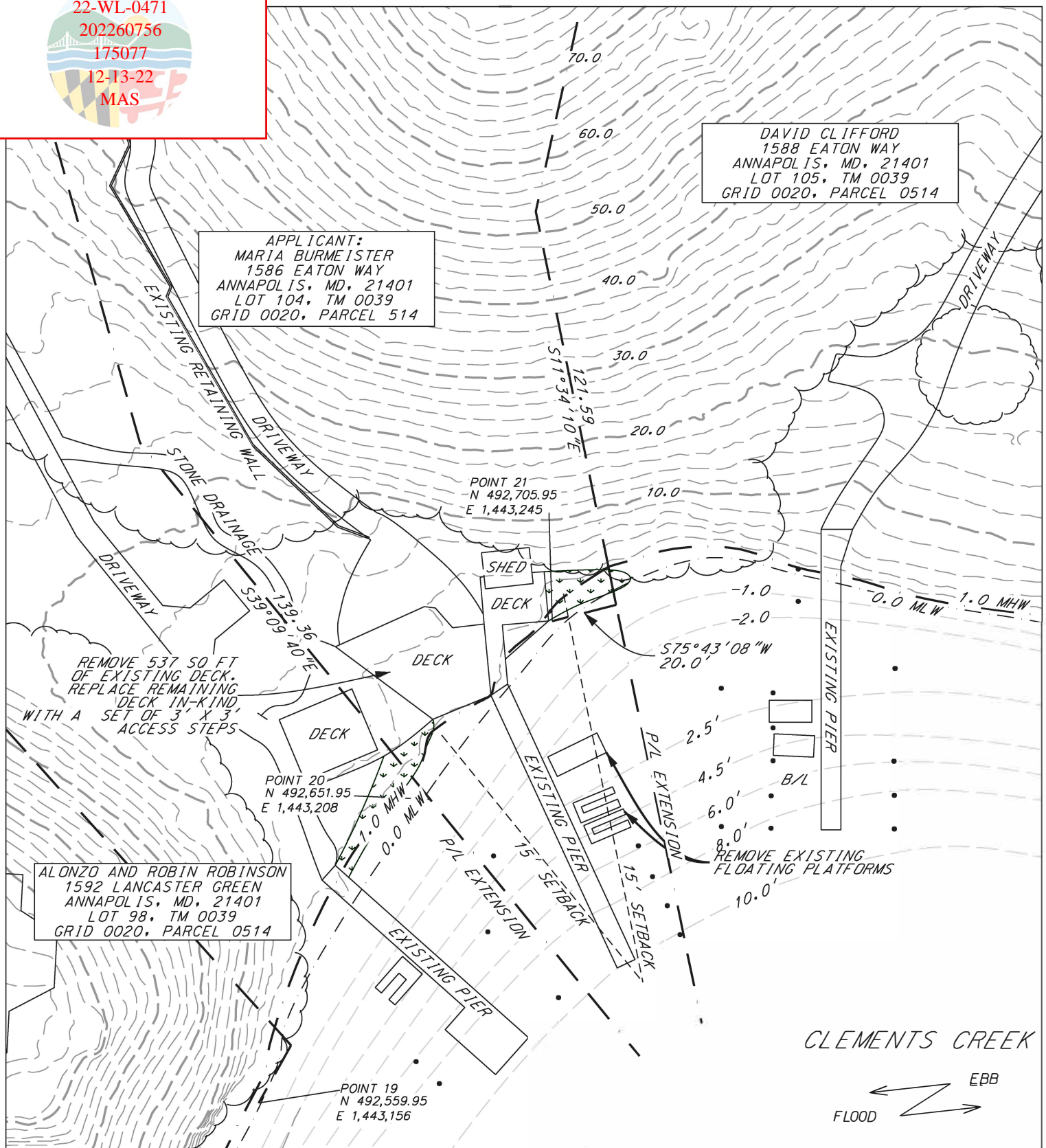
175077

12-13-22

MAS

APPLICANT:
MARIA BURMEISTER
1586 EATON WAY
ANNAPOLIS, MD, 21401
LOT 104, TM 0039
GRID 0020, PARCEL 514

DAVID CLIFFORD
1588 EATON WAY
ANNAPOLIS, MD, 21401
LOT 105, TM 0039
GRID 0020, PARCEL 0514



ALONZO AND ROBIN ROBINSON
1592 LANCASTER GREEN
ANNAPOLIS, MD, 21401
LOT 98, TM 0039
GRID 0020, PARCEL 0514

Tax Account No.:
2219-9002-0544
Tax Map: 0039
Parcel: 514
Deed Ref: 32515/484
Lot: 104
Zoning: R1
Lot Size: 100928 SF

EXISTING SITE PLAN
SCALE: 1" = 40'

Waterfront Engineering,
Design and Construction, Inc.
8348 Ritchie Hwy.
Pasadena, MD 21122
(410) 798-1494
waterfrontdesign@verizon.net

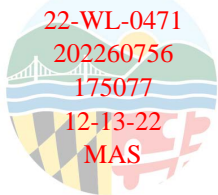
PROPOSED:
Shoreline And Pier Work

in: Clements Creek
co: Anne Arundel
Application by: Maria Burmeister
Sheet 1 of 11 Date: April 8, 2022

LON: -76.53936°
LAT: 39.01865°

State: Maryland
at: The Downs

NOTE: All dimensions and measurements shall be field verified by contractor.



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OVERLAY SITE PLAN
SCALE: 1" = 40'
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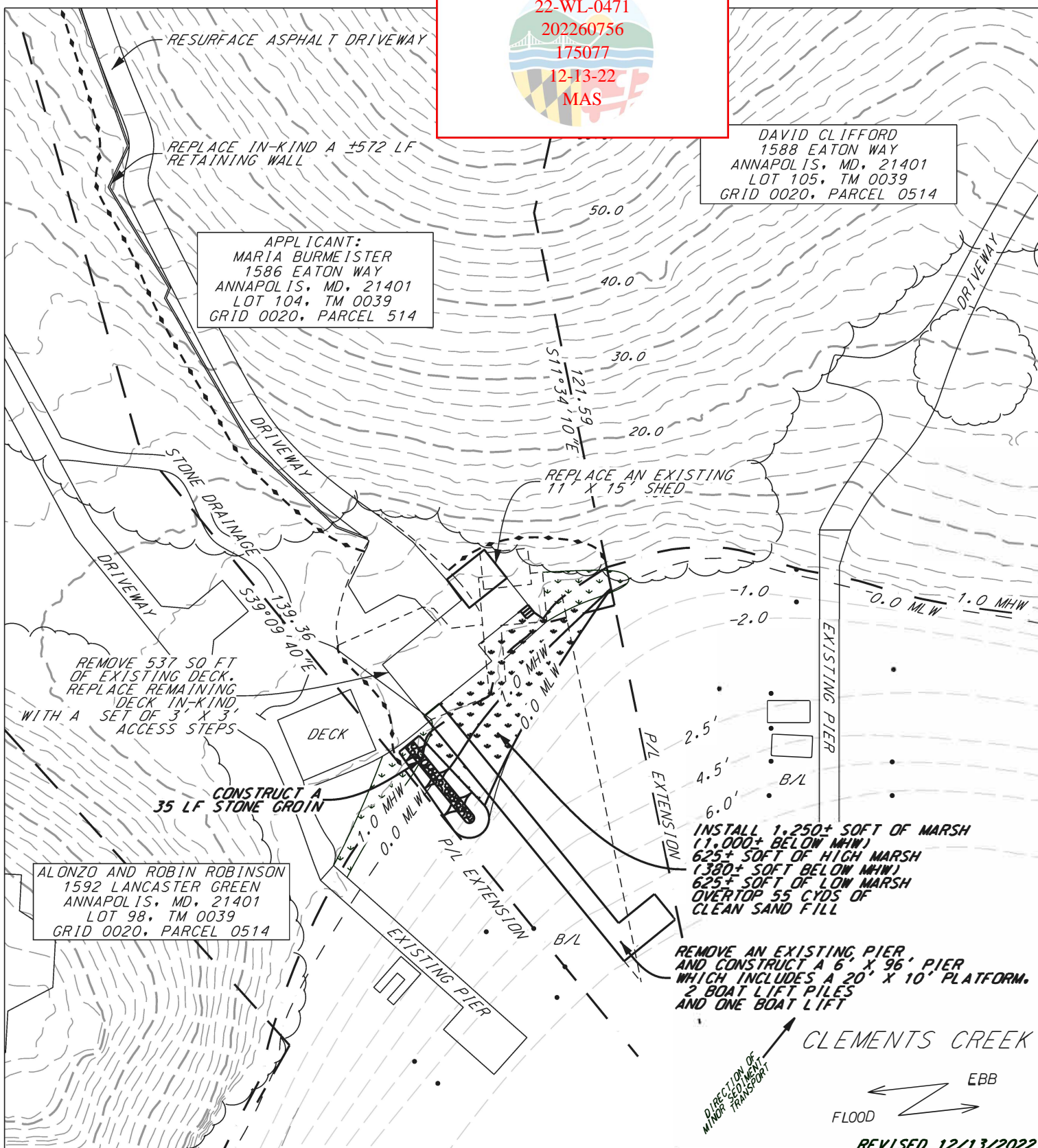
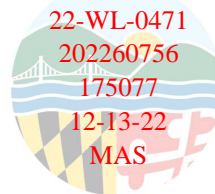
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PROPOSED SITE PLAN
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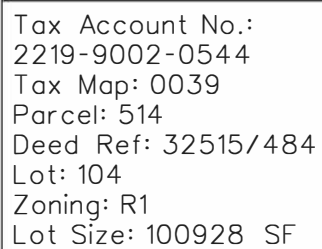
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LAT: 39.01865°

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State: Maryland
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in: Clements Creek
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Sheet 4 of 11 Date: April 8, 2022

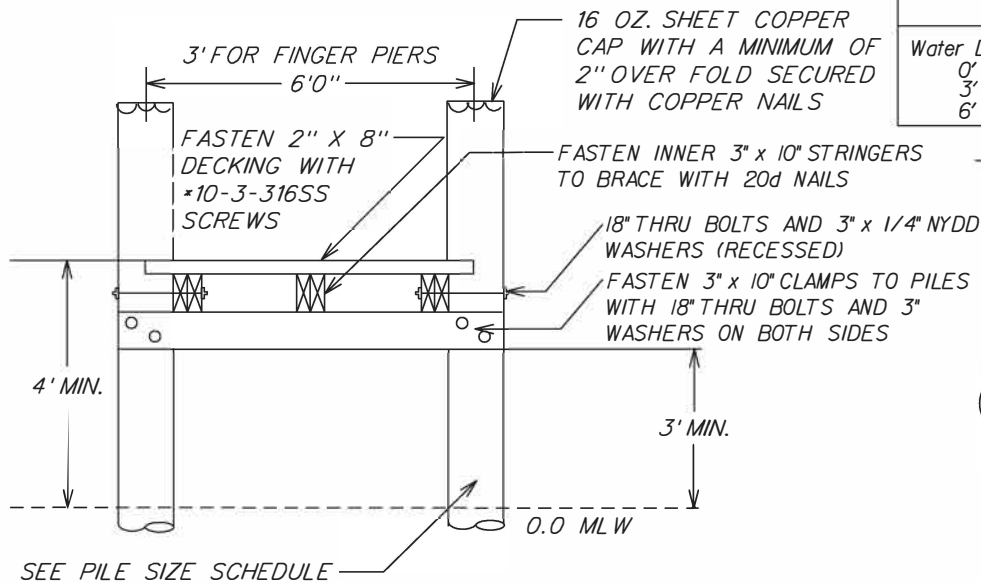
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NOTE: ALL PILES MUST BE DRIVEN OR VIBRATED IN WHERE POSSIBLE.

PILE SIZE SCHEDULE

Water Depth (MLW)	Pile Diameter	Pile Length
0' - 3'	10"	30'
3' - 6'	12"	40'
6' - 9'	14"	50'

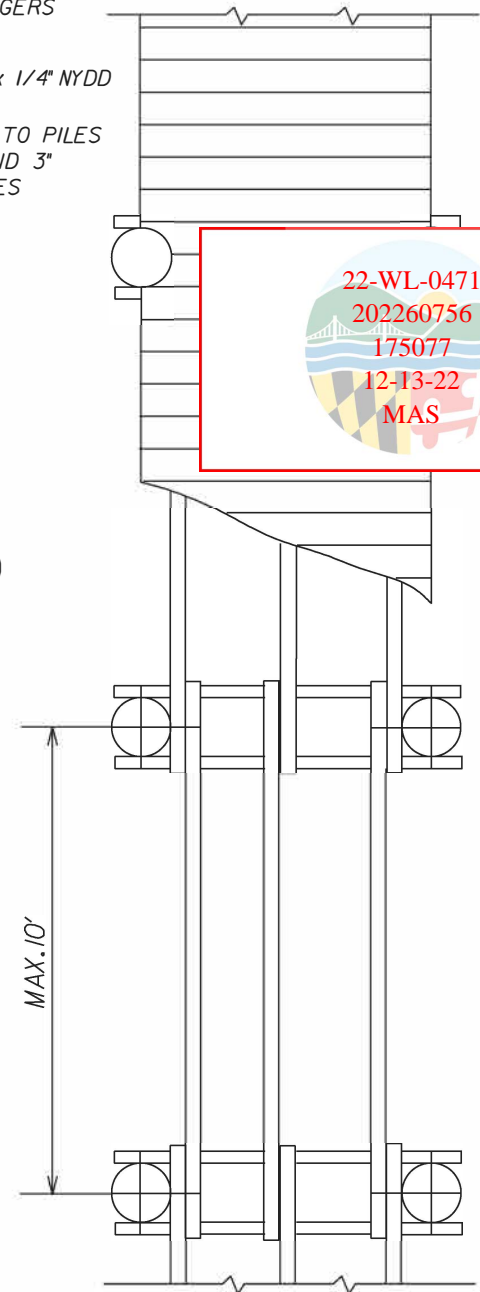


TYPICAL PIER SECTION
NOT TO SCALE

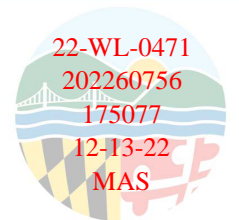
COPYRIGHT 2019

NOTES:

- All Wood shall be grade #1 or better per S.P.I.B. Standards. Treatment shall be per AWP Standards:
Piles - 2.5 lb/cu. ft. CCA Type C is required.
Stringers - 2.5 lb/cu. ft. CCA Type C is required.
Decking - 1.5 lb/cu. ft. CCA Type C is required.
- All steel hardware shall be hot dip galvanized after fabrication and must be specified for marine use.
- For pilings extending more than 6 ft. above MLW, the pile length must be increased accordingly.
- For pier widths of 3' or less a center stringer is not required unless composite decking is being utilized.
- This standard is for typical river conditions with firm granular soil. It does not take into account excessive water depth, poor soil conditions, scouring due to currents or waves, or heavy loads. Where site conditions differ the structure shall be designed and sealed by a Licensed Professional Engineer registered to practice in the State of Maryland.
- The details on this drawing are to be considered as the minimum standards for specific conditions. It shall be the responsibility of the applicant's contractor to determine if conditions require design modifications. Waterfront Engineering, Design and Construction, Inc. assume no responsibility or liability for performance of the structure on this drawing.
- All bolts to be thru bolted and recessed on outboard side. Minimum size of hardware is 1" diameter bolts with 3" x 1/4" NYDD washer and nut.
- Use #10-3-316SS screws when attaching decking to pier. Two screws on each stringer across the entire width of the pier.
- WEDC, Inc. reserves the right to prosecute violators of Federal copyright laws.



TYPICAL PIER PLAN
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PIER DETAIL SHEET

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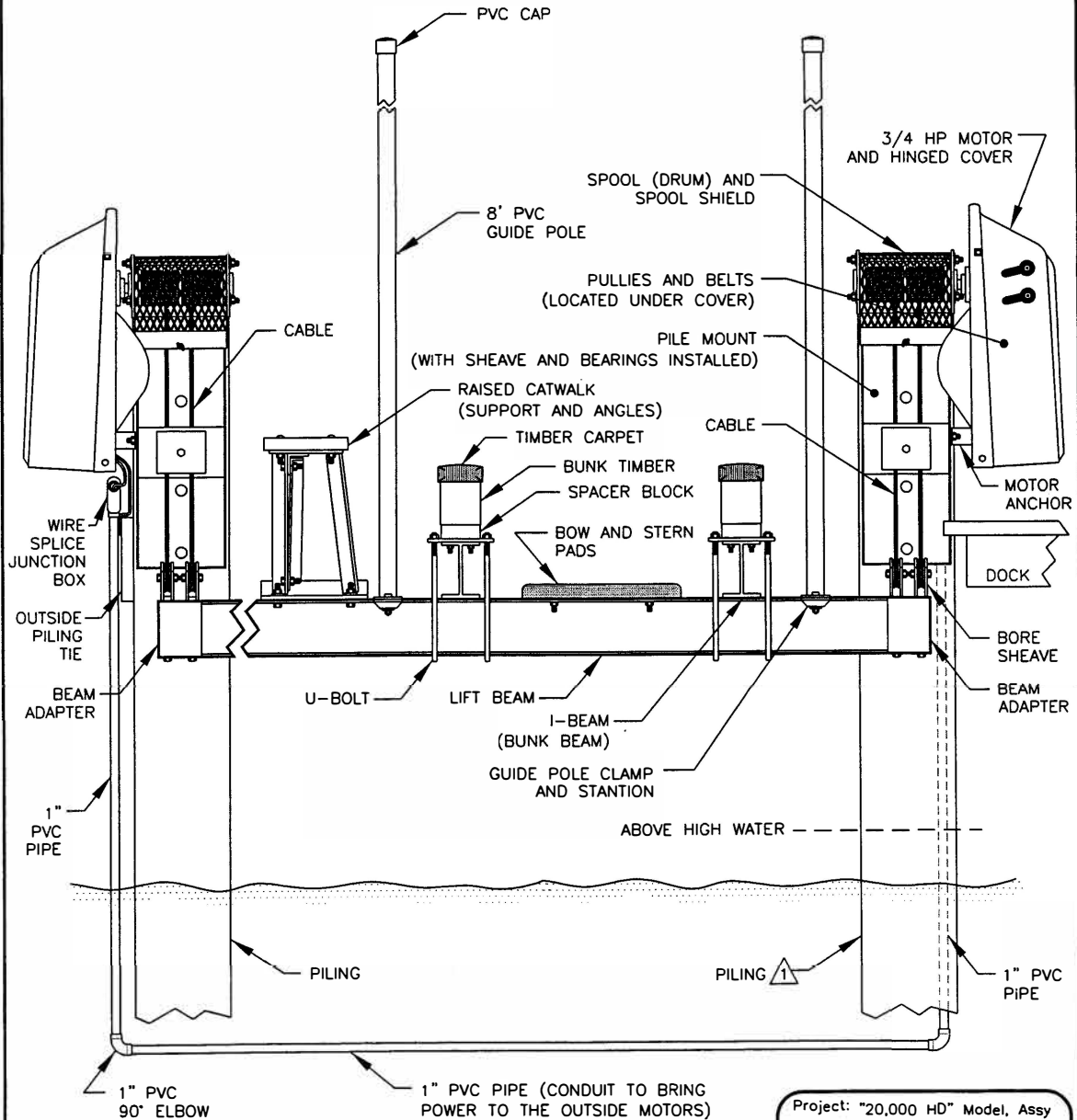
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GENERAL NOTES:

- ⚠ IMPORTANT—PILINGS SHOULD BE SECURELY ANCHORED TO A SEAWALL OR INTEGRATED INTO A DOCK.



Project: "20,000 HD" Model, Assy		
Drawing Part Names (Piling Mount)		
No.: 001	Revision Date:	
Scale: None	Date: 03-20-01	Sheet: 1 of 1

BOAT LIFT DETAIL

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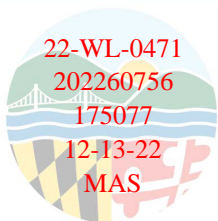
BOAT LIFT DETAIL

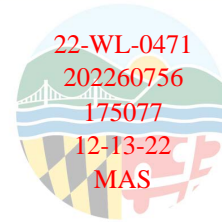
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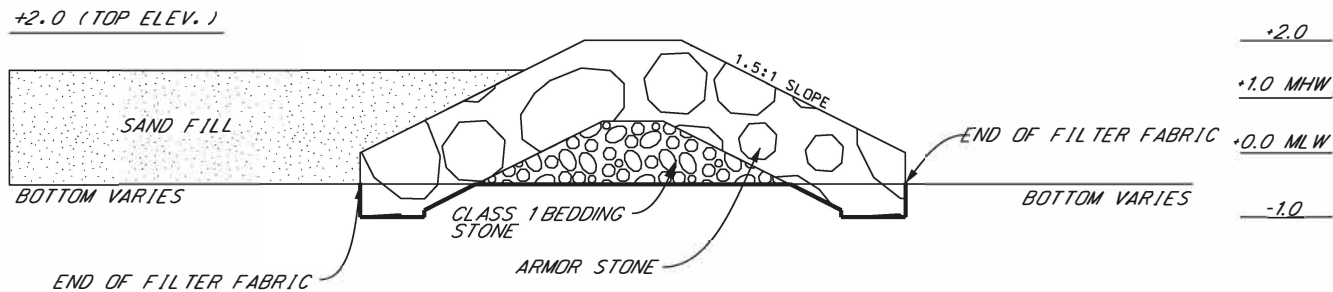
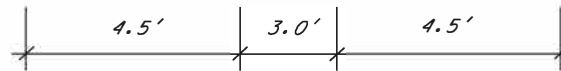
In: Clements Creek
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Sheet 6 of 11 Date: April 8, 2022

State: Maryland
at: The Downs





800 LB. TO 2000 LB. ARMOR STONE
PLACED AND ROUGHLY CHINKED.
CHINKING STONES SHALL BE 100 LB.
TO 300 LB. CHINKING SHALL BE DONE
AFTER PLACEMENT OF ARMOR STONE
IS COMPLETED AND ONLY TO FILL THE
SURFACE VOIDS LARGE ENOUGH TO
RECEIVE CHINKING SIZE STONES. CORE
STONE TO BE 8" - 10" IN SIZE.



STONE GROIN CROSS SECTION

NOT TO SCALE

STONE GROIN CROSS
SECTION

PROPOSED:
Shoreline And Pier Work

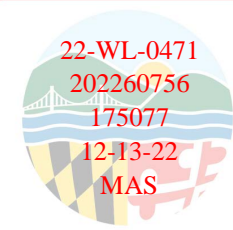
REVISED 11/18/2022

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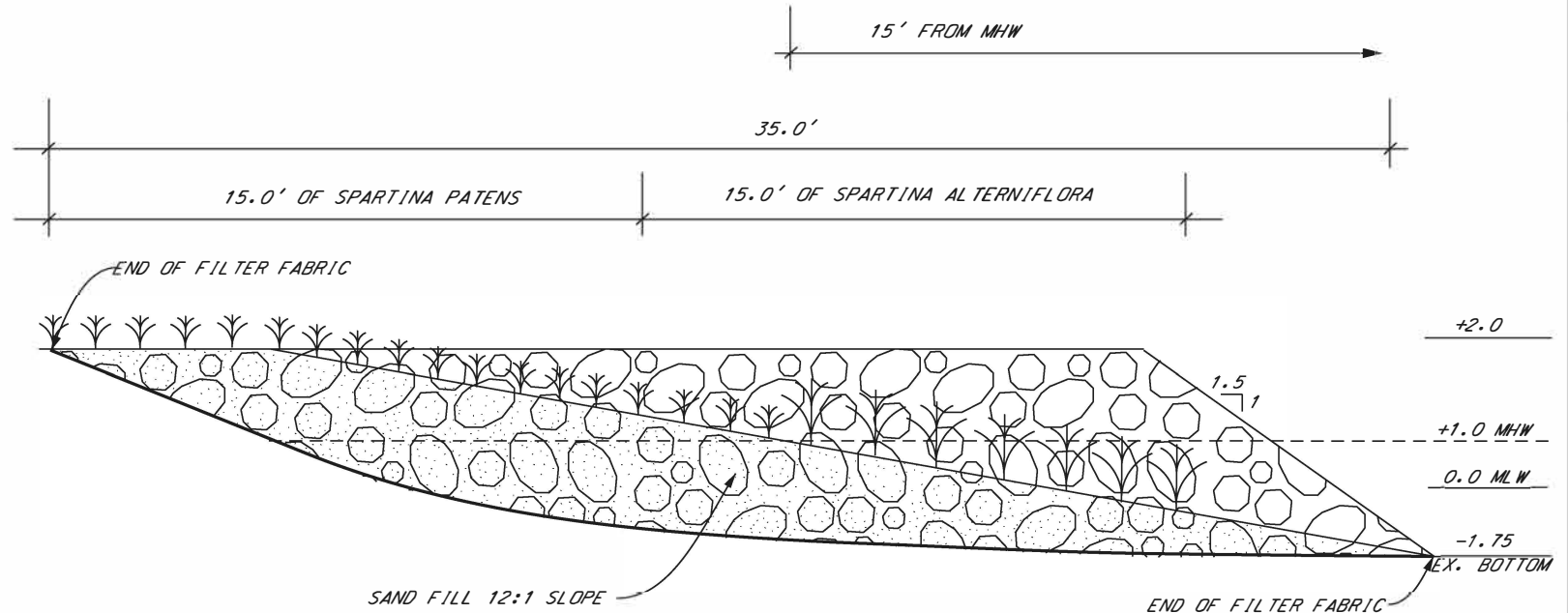
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STONE GROIN LONGITUDINAL SECTION

NOT TO SCALE

REVISED 12/13/2022

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Lot: 104

Zoning: R1

Lot Size: 100,928 SF

STONE GROIN
LONGITUDINAL SECTION

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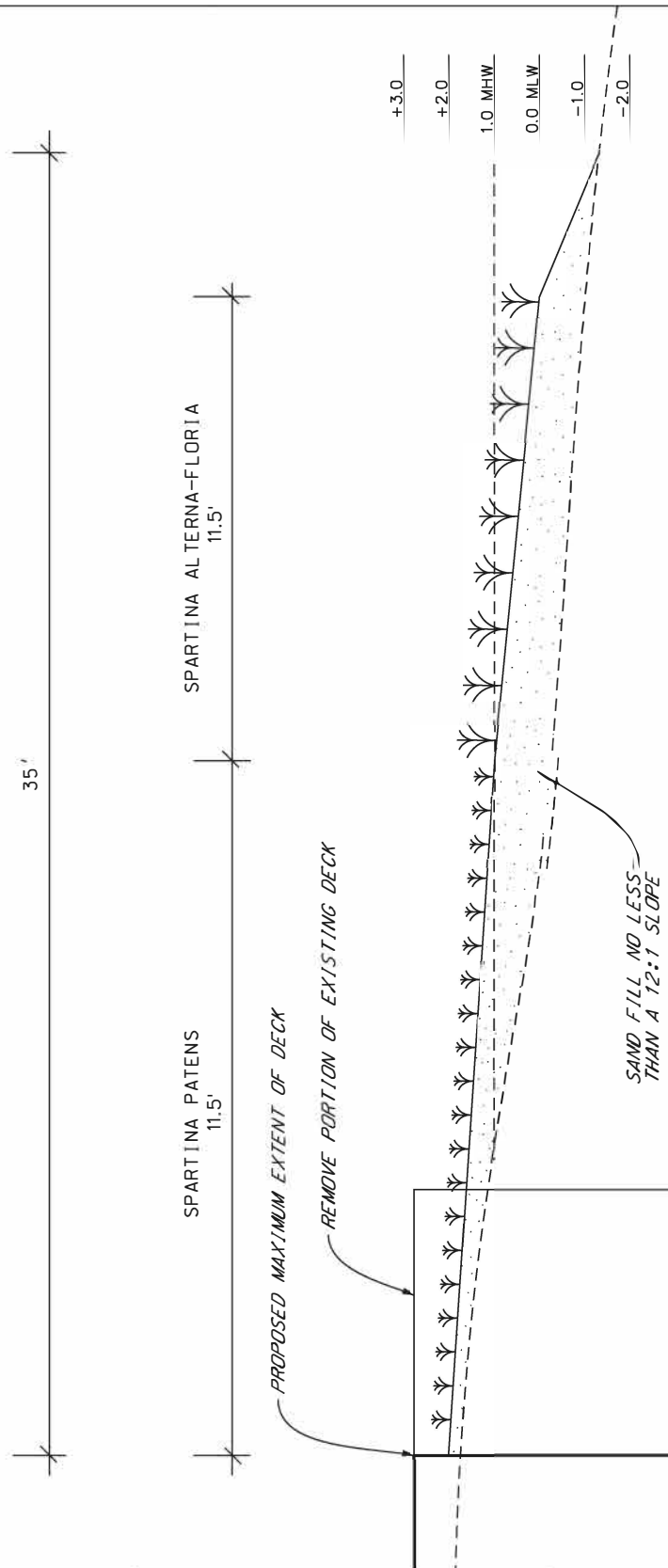
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TYPICAL MARSH FILL SECTION

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REVISED 12/13/2022

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MARSH FILL SECTION

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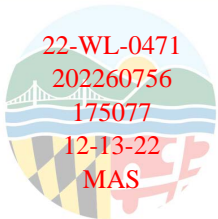
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SITE PLAN NOTES AND DISCLAIMERS

1. PROPERTY LINES SHOWN HEREON HAVE BEEN TAKEN FROM FIELD EVIDENCE, AND/OR AVAILABLE DEEDS AND PLATS AND SHOULD NOT BE CONSTRUED TO BE REPRESENTATIVE OF THE ACCURACY OF A BOUNDARY SURVEY. THIS IS NOT A BOUNDARY SURVEY! THIS SITE PLAN WAS DEVELOPED WITHOUT THE BENEFIT OF A TITLE SEARCH AND MAY NOT REFLECT ENCUMBRANCES, DEDICATIONS, AND/OR RESTRICTIONS WHICH MAY EXIST AND COULD POTENTIALLY BE REVEALED THROUGH A THOROUGH TITLE EXAMINATION.
2. ALL SHORELINE WORK WILL BE CONDUCTED FROM WATER. STOCKPILE AREA WILL BE ON BARGE TO BE LOADED FROM AN AUTHORIZED OFF-SITE LOCATION.
3. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ANY PROPOSED STRUCTURES IN RELATION WITH THE PROPERTY CORNERS. NEIGHBORING STRUCTURES SHOWN ON THIS DRAWING ARE APPROXIMATE IN LOCATION AND SHOULD NOT BE USED TO LOCATE NEW OR REPLACEMENT STRUCTURES. A SURVEY IS REQUIRED TO LOCATE ANY NEW OR REPLACEMENT STRUCTURES. THIS SURVEY MUST BE PERFORMED BY A STATE OF MARYLAND LICENSED SURVEYOR.
4. THIS SITE PLAN HAS BEEN PREPARED TO REPAIR A GRAVEL ROAD, CONSTRUCT A LIVING SHORELINE WITH STONE SILLS AND REPLACE AN EXISTING PIER, DECK, RETAINING WALL AND SHED. ANY CHANGE TO THESE PLANS WILL REQUIRE A SEPARATE PERMIT FROM ANNE ARUNDEL CO., FOR WORK ABOVE MHW. IF ANY WORK WILL BE BELOW MHW OR WITHIN TIDAL OR NON-TIDAL WETLANDS THEN ADDITIONAL PERMITS ARE REQUIRED FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AND THE ARMY CORPS OF ENGINEERS. THIS WILL REQUIRE MORE DETAILS AND INFORMATION. THIS DRAWING SHALL NOT BE UTILIZED FOR SUCH LICENSES OR PERMITS THAT ARE NOT SPECIFICALLY OUTLINED ON THIS PLAN.
5. CONTACT MS. UTILITY AT LEAST 48 HOURS PRIOR TO START OF ANY ON LAND OR IN WATER WORK. ALL UTILITIES MUST BE LOCATED PRIOR TO ANY CONSTRUCTION. THIS PLAN SHALL NOT BE UTILIZED FOR LOCATING ANY UTILITIES EITHER ABOVE OR BELOW GROUND.
6. TOPOGRAPHY WAS OBTAINED FROM 2017 ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS SURVEY DATA WATER DEPTHS ARE TIED TO A VERTICAL DATUM OF 0.0 FEET WHICH IS EQUAL TO MEAN LOW WATER.



SITE DATA

SITE DATA:

TOTAL LOT SIZE = 100,928 SF
CRITICAL AREA DESIGNATION = LDA
ZONING = R1
DISTURBED AREA = 2,948 SF

LOT COVERAGE:

HOUSE = 4,110 SF
DRIVEWAY AND WALKWAYS = 9,164 SF
ACCESSORY STRUCTURES = 550 SF
TOTAL EXISTING LOT COVERAGE = 13,850 SF
LOT COVERAGE REDUCED = 330 SF
FINAL LOT COVERAGE = 13,520 SF OR 13.4% (-0.3%)

WOODLANDS DATA:

EXISTING WOODLANDS = 65,143 SF (APPROXIMATELY)
EXISTING MARSH = 0 SF
WOODLANDS REMOVED = 0 SF
REFORESTATION REQ. IS \$1.50 X 0 = \$0.00
INSPECTION FEE = \$0.00 X 0.07 = \$0.00
TOTAL FEE = \$0.00

LEGEND

EXISTING CONTOUR	
EX. MEAN LOW WATER (MLW)	
EX. MEAN HIGH WATER (MHW)	
EXISTING TREE LINE	
PROPERTY LINE	
EXISTING RIP-RAP	
EXISTING/PROPOSED IMPROVEMENTS	
LIMIT OF DISTURBANCE	
TURBIDITY CURTAIN	
PROPOSED STONE	

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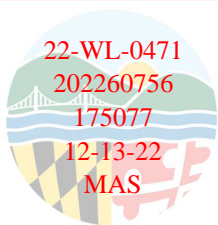
SITE PLAN NOTES AND DATA

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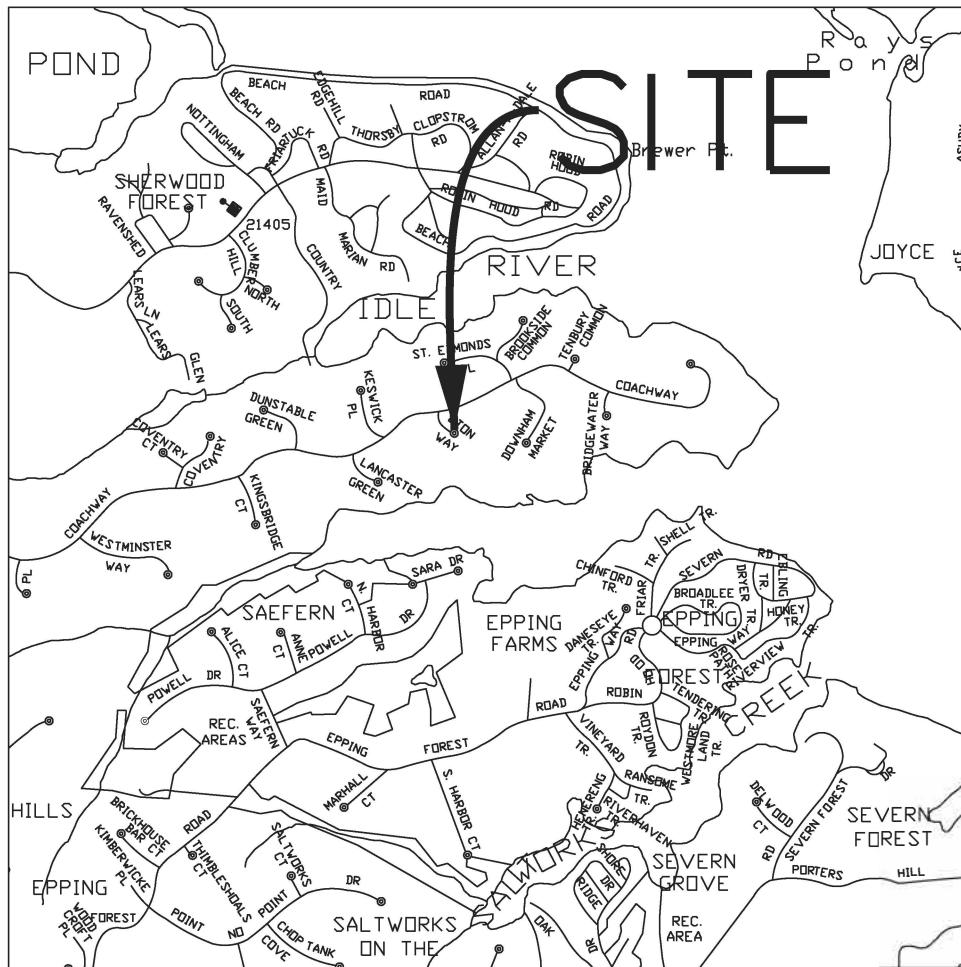
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VICINITY MAP 1" = 2000'



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VICINITY MAP

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