



# ARM Group LLC

Engineers and Scientists

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October 14, 2020

Ms. Barbara Brown  
Project Coordinator  
Maryland Department of the Environment  
1800 Washington Boulevard  
Baltimore, MD 21230

Re: Work Plan Update Letter:  
Pre-Development Investigation  
Area B: Parcel B7  
Tradepoint Atlantic  
Sparrows Point, MD 21219

Dear Ms. Brown:

On behalf of Tradepoint Atlantic (TPA), ARM Group LLC (ARM) previously submitted a Pre-Development Investigation Work Plan on April 15, 2019 for the Parcel B7 Baltimore County Property Transfer to the Maryland Department of the Environment (MDE) and United States Environmental Protection Agency (USEPA). This Work Plan Update Letter addresses a comment received from the MDE via email on August 30, 2019 to add two soil borings (B7-064-SB and B7-065-SB) and two groundwater sample locations (B7-032-PZ and B7-064-PZ) in the northern portion of Parcel B7. In addition to the MDE's request, the Baltimore County Property Transfer site plan has since been updated. **Attachment 1** provides the updated site plan drawings.

This Work Plan Update Letter provides updated figures for the Proposed Soil Borings (**Figure 1**), Visual Delineation Borings (**Figure 2**), and Groundwater Samples (**Figure 3**), which show the additional sample locations and updated site boundary. Due to the updated site boundary, a previously investigated Phase II soil boring location (B25-013-SB) is now located within the site boundary on Parcel B25. One previously proposed soil boring (B7-055-SB) has been shifted to the west to remain inside the site boundary given the changes to the site layout. All field protocols will be conducted in accordance with the original Work Plan submission dated April 15, 2019.

If you have any questions, or if we can provide any additional information at this time, please do not hesitate to contact ARM Group LLC at 410-290-7775.

Respectfully Submitted,  
ARM Group LLC



Taylor R. Smith, P.E.  
Project Manager



T. Neil Peters, P.E.  
Senior Vice President



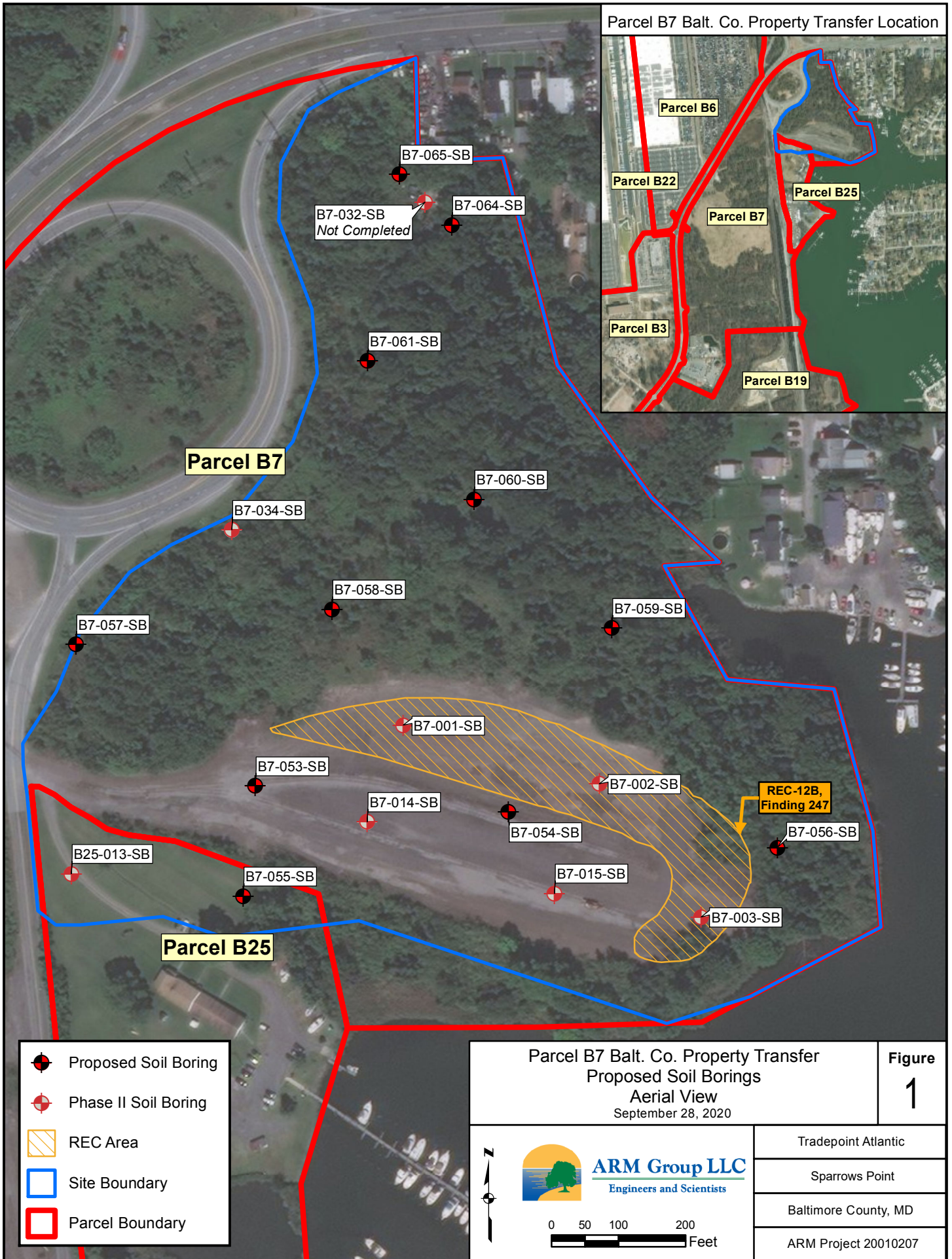
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## **FIGURES**

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B7-032-SB  
Not Completed

B7-065-SB

B7-064-SB

B7-061-SB

B7-060-SB

B7-034-SB

B7-057-SB

B7-058-SB

B7-059-SB

B7-001-SB

B7-053-SB

B7-014-SB

B7-054-SB

B7-002-SB

B7-056-SB

B25-013-SB

B7-055-SB

B7-015-SB

B7-003-SB

**Parcel B7**

**Parcel B25**

**Parcel B6**

**Parcel B22**

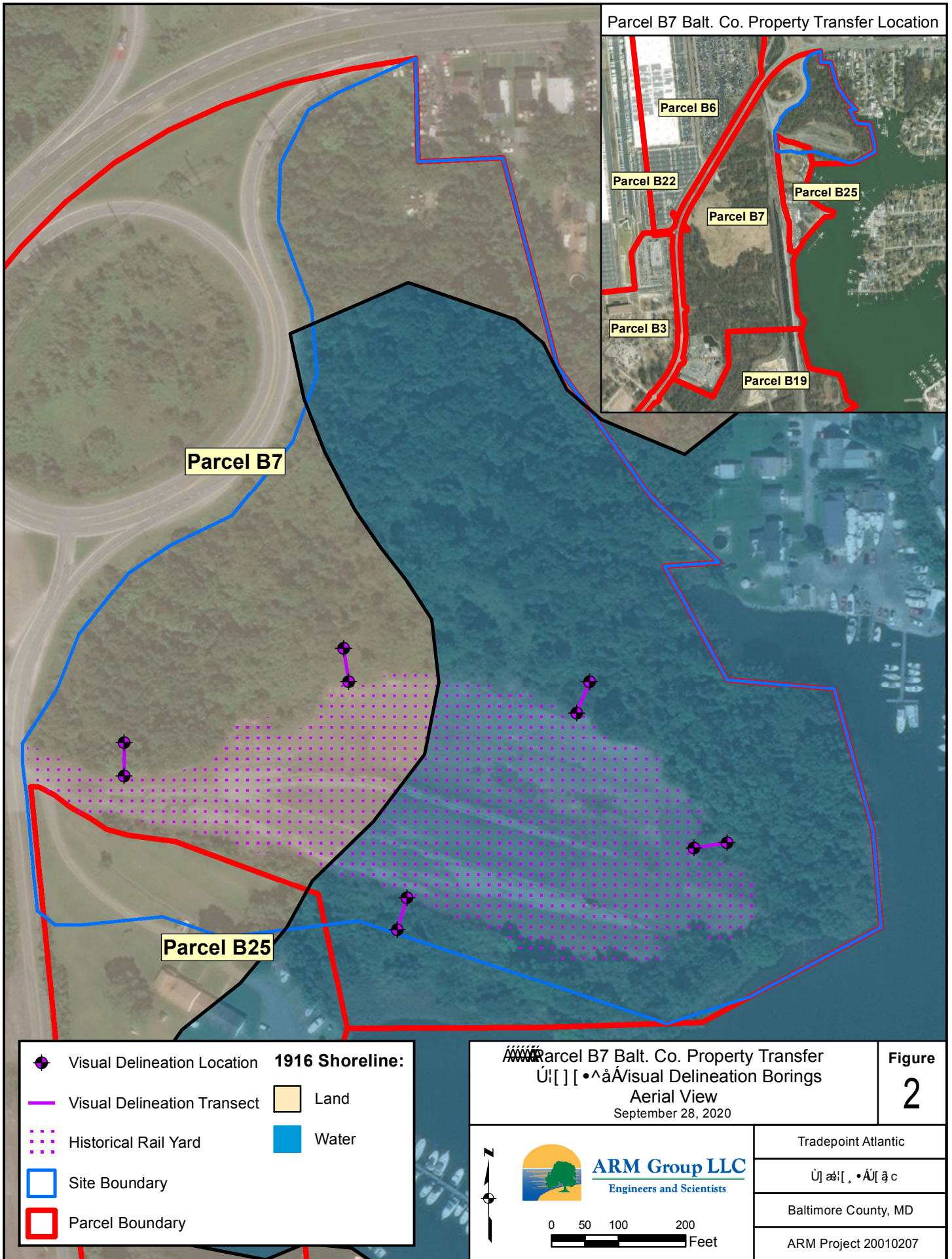
**Parcel B25**

**Parcel B7**

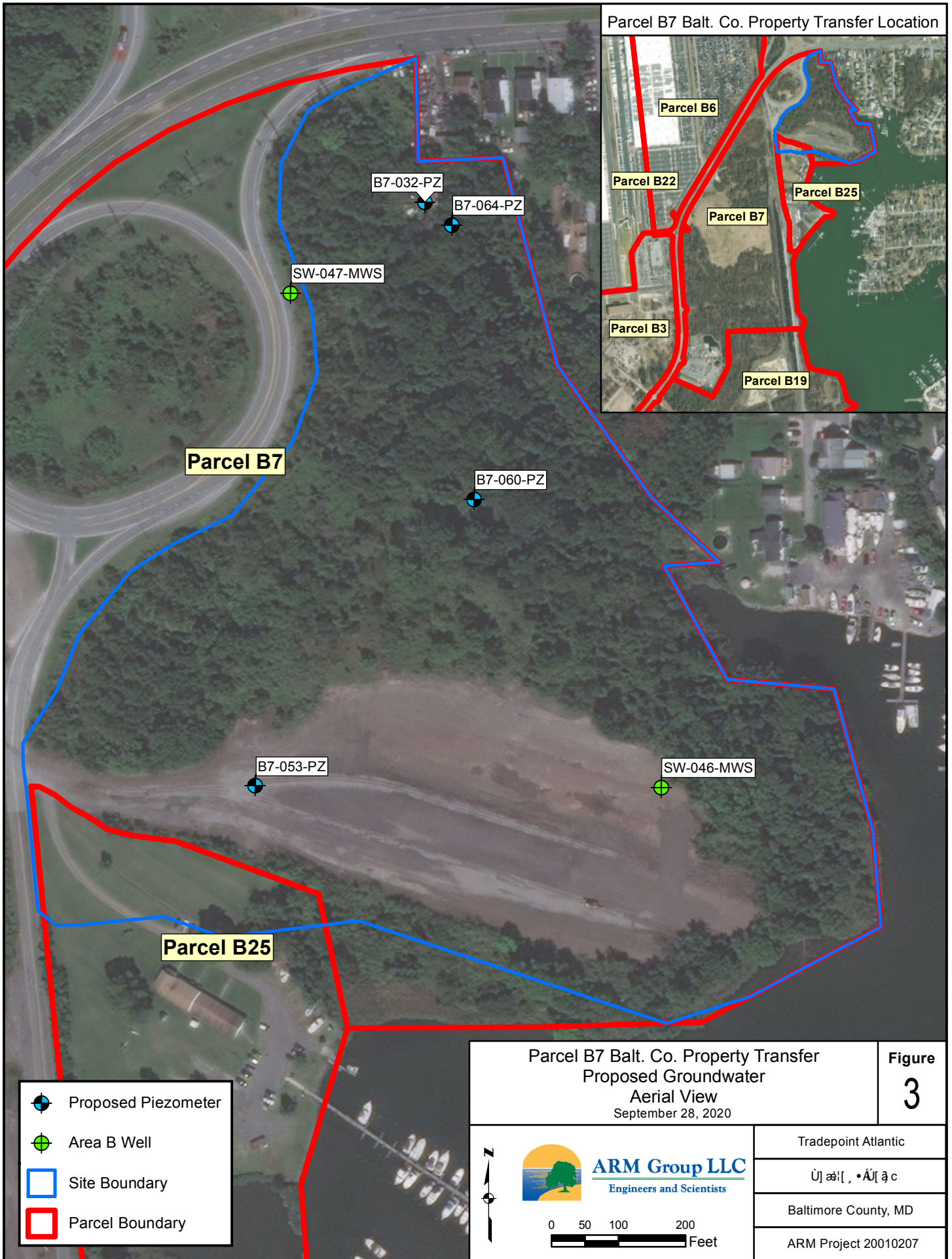
**Parcel B3**

**Parcel B19**

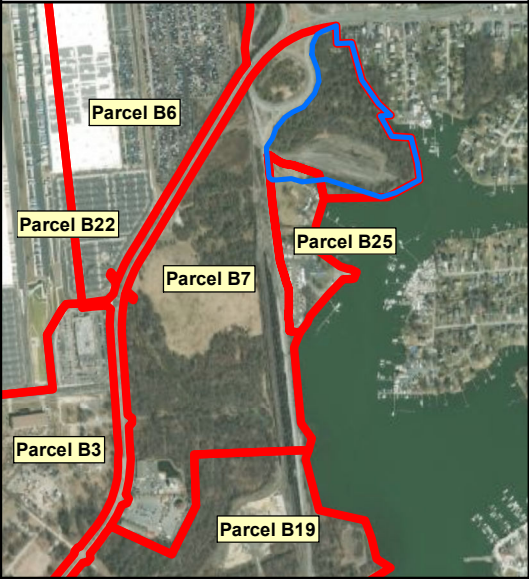








Parcel B7 Balt. Co. Property Transfer Location



Parcel B7

Parcel B25

B7-032-PZ





B7-064-PZ

SW-047-MWS

B7-060-PZ

B7-053-PZ

SW-046-MWS

-  Proposed Piezometer
-  Area B Well
-  Site Boundary
-  Parcel Boundary

Parcel B7 Balt. Co. Property Transfer  
 Proposed Groundwater  
 Aerial View  
 September 28, 2020

Figure  
**3**



**ARM Group LLC**  
 Engineers and Scientists

0 50 100 200  
 Feet

|                      |
|----------------------|
| Tradepoint Atlantic  |
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| Baltimore County, MD |
| ARM Project 20010207 |

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**ATTACHMENT 1**

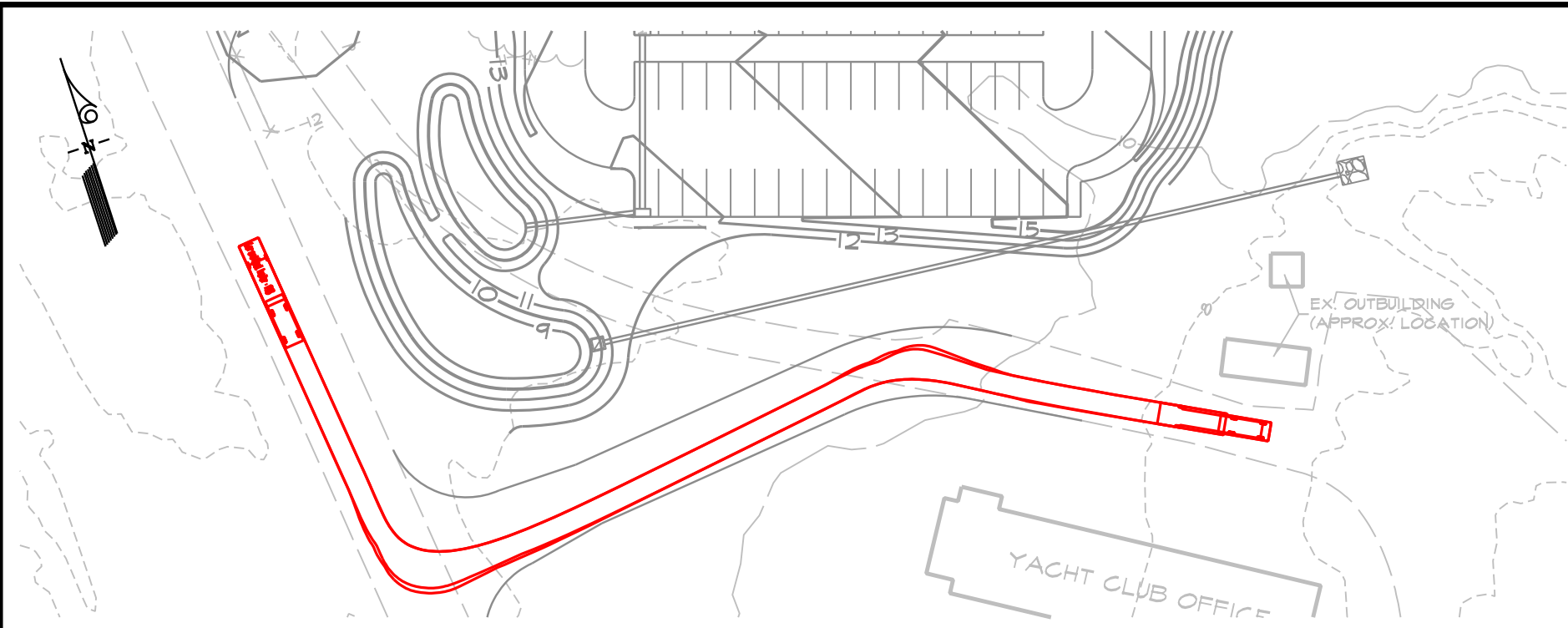
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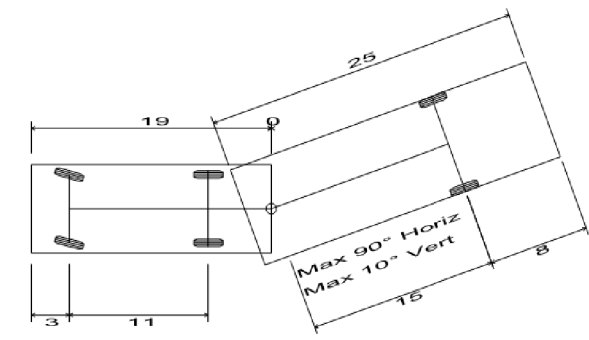




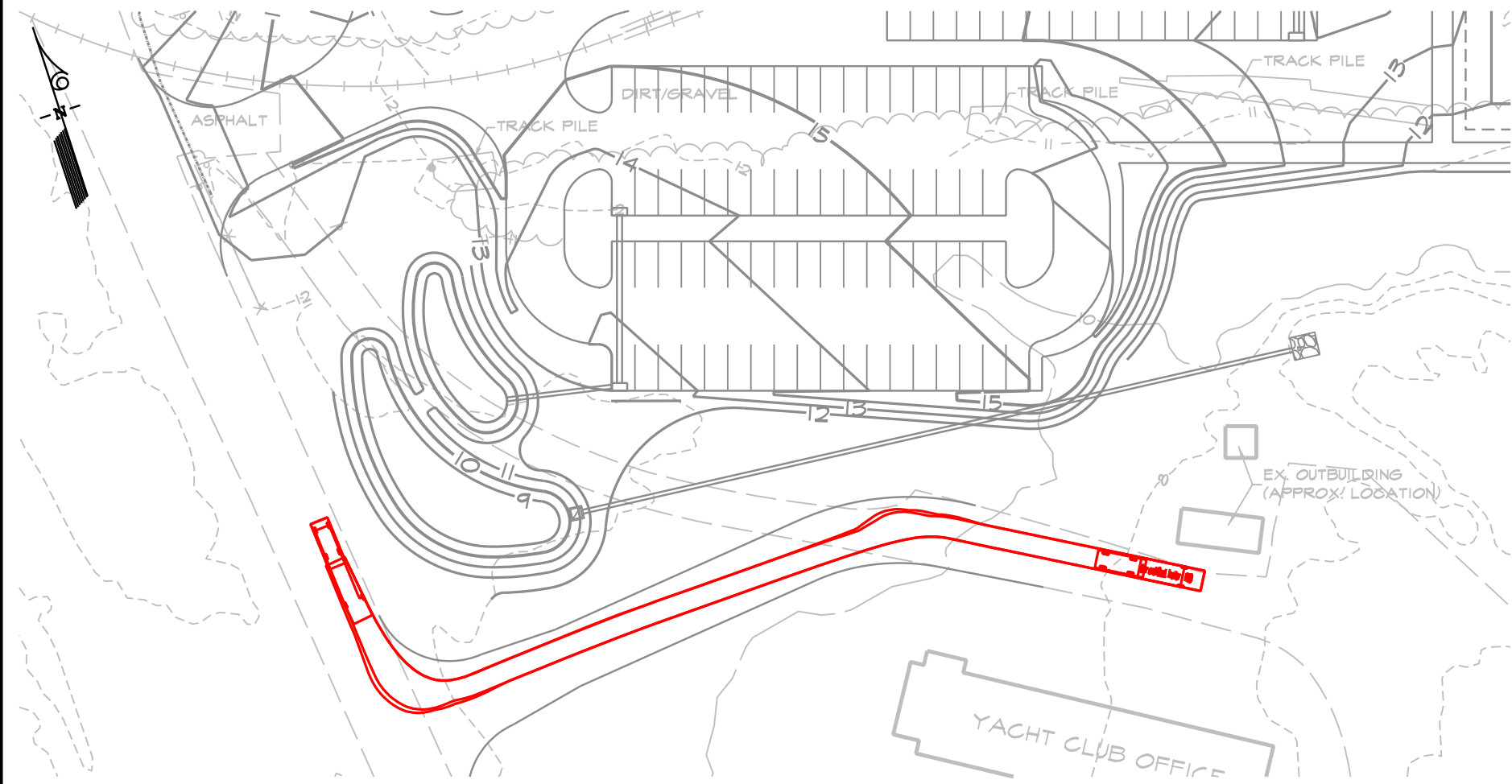


**CAR WITH BOAT TRAILER (INGRESS)**

SCALE: 1"=60'



|                                   |          |
|-----------------------------------|----------|
| <b>Car and Boat Trailer - P/B</b> |          |
| Overall Length                    | 42.000ft |
| Overall Width                     | 8.000ft  |
| Overall Body Height               | 6.000ft  |
| Min Body Ground Clearance         | 0.733ft  |
| Max Track Width                   | 8.000ft  |
| Lock-to-lock time                 | 4.00s    |
| Curb to Curb Turning Radius       | 23.800ft |

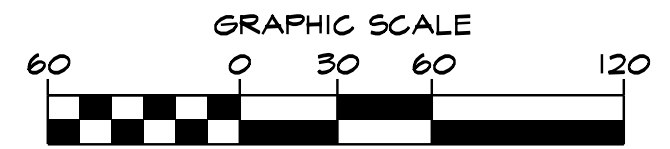


**CAR WITH BOAT TRAILER (EGRESS)**

SCALE: 1"=60'

**LEGEND**

 CAR W/ BOAT TRAILER  
TURNING MOVEMENT



(IN FEET)  
1 inch = 60 ft.

PLOTTED: \$DATE\$  
BY: \$USERNAME\$  
FILE: \$FILE\$



**mk**  
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