### 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: BACKGROUN	ND INFORMATION
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В.	DISTRICT OFFICE, FILE NAME, AND NUMBER:CENAP-OPR-2021-00821-85
C.	PROJECT LOCATION AND BACKGROUND INFORMATION:  State:Delaware County/parish/borough: Sussex City: Lewes  Center coordinates of site (lat/long in degree decimal format): Lat. 38.746988° N, Long. 75.193053° W.  Universal Transverse Mercator: 483223.824257, 4288717.814347  Name of nearest waterbody: Black Hog Gut  Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Old Mill Creek  Name of watershed or Hydrologic Unit Code (HUC): 020402070604  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: February 8, 2022  Field Determination. Date(s):
SEC A.	CTION II: SUMMARY OF FINDINGS RHA SECTION 10 DETERMINATION OF JURISDICTION.
revi	Are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the ew 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:  CWA SECTION 404 DETERMINATION OF JURISDICTION.
	re Are no "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):   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
	<ul> <li>b. Identify (estimate) size of waters of the U.S. in the review area: Non-wetland waters: linear feet: width (ft) and/or acres. Wetlands: acres.</li> <li>c. Limits (boundaries) of jurisdiction based on: Not Applicable.</li> </ul>
	Elevation of established OHWM (if known):
	<ul> <li>Non-regulated waters/wetlands (check if applicable):<sup>3</sup></li> <li>Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain: The approximatley 61. 17 acre site contains approximatley 8.57 acres of aquatic resources (waters and</li> </ul>

The borrow site appears between the 1961 and 1968 aerial images.

wetlands) as a result of on-going borrow operations. Based off of aerial photoagraphic imagery and topographic maps dating back to 1954, the site was previously agricultural fields until borrow was needed for the construction of Route 1.

<sup>&</sup>lt;sup>1</sup> Boxes checked below shall be supported by completing the appropriate sections in Section III below.

<sup>&</sup>lt;sup>2</sup> 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).

<sup>&</sup>lt;sup>3</sup> Supporting documentation is presented in Section III.F.

#### **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:	
	Summarize rationale supporting determination: .	
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 waterbody<sup>4</sup> 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 (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:

<sup>&</sup>lt;sup>4</sup> Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

<sup>&</sup>lt;sup>5</sup> 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.

(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 <sup>6</sup> (check all indicators that apply):  clear, natural line impressed on the bank changes in the character of soil destruction of terrestrial vegetation the presence of wrack line sediment sorting leaf litter disturbed or washed away sediment deposition destruction of terrestrial vegetation the presence of wrack line sediment sorting sediment sorting sediment deposition destruction of terrestrial vegetation the presence of wrack line sediment sorting sediment sorting sediment deposition destruction of terrestrial vegetation the presence of wrack line sediment sorting sediment sorting sediment deposition destruction of terrestrial vegetation the presence of litter and debris destruction of terrestrial vegetation the presence of wrack line sediment sorting
	If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):    High Tide Line indicated by:
Cha	mical Characteristics: racterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.) Explain: tify specific pollutants, if known:

(iii)

<sup>&</sup>lt;sup>6</sup>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.

<sup>7</sup>Ibid.

	(iv)	Biol	logical 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:
•	G!		Aquatic/wildlife diversity. Explain findings: .
2.	Cha	ract	eristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
	(i)		Sical Characteristics:  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: <b>Pick List</b> . 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.
characteristics; etc.). Ex		Cha	emical Characteristics:  aracterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:  attify specific pollutants, if known:
	(iii)	Bio	logical 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.	Cha	All	wetland(s) being considered in the cumulative analysis: Pick List broximately ( ) acres in total are being considered in the cumulative analysis.

Directly abuts? (Y/N) Size (in acres) Directly abuts? (Y/N) Size (in acres)

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

1. TNWs and Adjacent Wetlands. Check all that apply and provide size estimates in review area:			
	TNWs: linear feet width (ft), Or, 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-RPWs <sup>8</sup> 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 jurisidictional. 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.  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).
DE SUC	DLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, GRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY CH 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. Interstate isolated waters. Explain:  Other factors. Explain:
Ide	ntify water body and summarize rationale supporting determination:

E.

 <sup>8</sup>See Footnote # 3.
 To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.
 Prior 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.

Pi	rovide 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.
	ON-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): The aquatic resources do not meet the definition of waters of the United States as ed in the preamble of the November 13, 1986 Federal Register (51 FR 41217).
fa	rovide acreage estimates for non-jurisdictional waters in the review area, where the <u>sole</u> potential basis of jurisdiction is the MBR ctors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional dgment (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.
	rovide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such 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.
A. SU	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: Fiarmont Quadrangle 1:2400, 1954, 1984 and 2019.  USDA Natural Resources Conservation Service Soil Survey. Citation:  National wetlands inventory map(s). Cite name:Lewes, Delaware.  State/Local wetland inventory map(s):  FEMA/FIRM maps:  100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)  Photographs: Aerial (Name & Date):Lewes 1954, 1961, 1968, 1992, 2002 and 2012.  or Other (Name & Date):Wetland Report October 8, 2021.  Previous determination(s). File no. and date of response letter:

**B.** ADDITIONAL COMMENTS TO SUPPORT JD: The 65.17 acres site is composed of 46.55 acres of agriculture fields and 8.92 acres of developed upland area which includes a mini storage facility, shop building and associated equipment yard, stormwater management facility and upland forest bordering a long standing borrow pit. The borrow pit operations area including uplands encompasses approximately 9.7 acres. The borrow pit has been in operation since the mid 1960's. It was likely used to provide earthen fill for the State Route 1 (SRI) elevated earthen railroad overpass located directly north east of the subject site. Local borrow pits were routinely excavated at locations where elevated bridges and crossings were constructed by DelDOT as part of modern SRI construction improvements.

Areas associated with the 9.7 acre borrow pit operation include a machinery operations area for borrow removal and stockpiling from the 1.35 acre active borrow area. Additionally there is a 4.94 acre area of vegetated wetland, largely dominated by Phragmites australis with a fringe of scrub shrub vegetation. A second area at the easterly end of the borrow area supports a 2.28 acre wetland meadow.

The entire borrow pit area is within a well-defined excavated depression with steep slopes. The north east side of the parcel provides an ephemeral swale that connects to an offsite channel that drains under Route 1. The offsite channel parcel also appears to be part of some borrow activity based off of 1984 USGS Topographic Survey. The offsite channel eventually connects to Black Hog Gut on the north east side of Route 1.

Additionally, a stormwater pond located to the north and east of the borrow area appears in aerial imagery between 1992 and 2002 and is constructed wholly in uplands.

The aquatic resources do not meet the definition of waters of the United States as clarified in the preamble of the November 13, 1986 Federal Register (51 FR 41217)..

# BOUNDARY OF WATERS OF U.S. SUBJECT TO CORP OF ENGINEERS REGULATORY PROGRAM LOCATION MAP **AREA TABLE DATA COLUMN** SHEET INDEX TAX MAP ID: 334-5.00-153.00 BOUNDARY OR WATER OF U.S. OVERVIEW WD-01 DEED REFERENCE: DB: 3319 PG: 126 **LEGEND** BORROW PIT DELINEATION PLAN & TABLE WD-02 <u>DATUM</u> VERTICAL: BORROW PIT DELINEATION PLAN & TABLE WD-03 NAD 83 (DE STATEPLANE) HORIZONTAL: WATERS OR WETLANDS WITHIN BORROW PIT EXCAVATED FROM UPLAND NOT ZONING EXISTING: SUBJECT TO CORPS OF ENGINEERS REGULATORY PROGRAM C-1 (GENERAL COMMERCIAL) AREA TOTAL SITE AREA: 65.1697± ACRES

PROPERTY OWNER/DEVELOPER:

AAA STORAGE LIMITED PARTNERSHIP
22114 RITTER IN. HARBESON, DE 19951 PHONE: 302-XXX-XXXX FAX: 302-XXX-XXXX ENGINEER:
DAVIS, BOWEN, & FRIEDEL, INC.

RING LARDNER, P.E. 1 PARK AVENUE PROPERTY LINE TABLE MILFORD, DE 19963 PHONE: 302-424-1441 FAX: 302-424-0430

PROPERTY CURVE TABLE

ACTIVE BORROW PIT & STOCKPILE OPERATION ON UPLANDS	49,242 SQ. FT.	1.13 AC.
ACTIVE BORROW PIT POND AND OPERATIONAL AREA	58,975 SQ. FT.	1.35 AC.
MIXED BORROW PIT AREA EXCAVATED FROM UPLANDS WITH WOODED AND EMERGENT WETLANDS (PHRAGMITES)	215,304 SQ. FT.	4.94 AC.
BORROW PIT AREA EXCAVATED FROM UPLANDS WITH EMERGENT WETLANDS	99,338 SQ. FT.	2.28 AC.
UPLAND AGRICULTURAL FIELDS	2,027,755 SQ. FT.	46.55 AC.
	<u> </u>	
OTHER DEVELOPED & UNDEVELOPED UPLANDS	388,181 SQ. FT.	8.92 AC.
	·	
TOTAL SITE AREA	2,838,794 SQ. FT.	65.17 AC.

## **ADJACENT PROPERTY OWNERS**

	PARCEL#	OWNER	DEED	ZONING
Α	334-5.00-153.01	LEWES FIRE DEPARTMENT INC.	DB 3319 PG 126	C-1
В	334-5.00-152.00	BAR-SGR LLC	DB 2172 PG 207	C-1
С	334-5.00-152.01	NASSAU VALLEY VINEYARDS LP	DB 1894 PG 129	C-1
D	334-5.00-152.02	NASSAU VALLEY VINEYARDS LP	DB 1894 PG 129	C-1
Ε	334-5.00-152.03	NASSAU VALLEY VINEYARD LP	DB 1894 PG 129	C-1
F	334-5.00-152.06	BAR-SGR LLC	DB 5199 PG 225	C-1
G	334-5.00-152.12	FERNMOOR HOLDINGS AT VINEYARDS	DB 5270 PG 285	C-1
Н	334-5.00-287.00	ADRIANE PINZARU & LEAH GREER	DB 3520 PG 84	AR-1
1	334-5.00-288.00	WES R FRUEHAUF	DB 3097 PG 209	AR-1
J	334-5.00-155.00	MHC WHISPERING PINES LLC	DB <del>O</del> PG <del>O</del>	AR-1
K	334-5.00-155.02	SUSSEX COUNTY	DB 2106 PG 3	AR-1
L	334-5.00-154.00	LEWES SENIOR CITIZENS CENTER	DB <del>O</del> PG <del>O</del>	C-1

## **WETLANDS STATEMENT**

I, EDWARD M. LAUNAY, PWS, STATE THAT THERE ARE NO WATERS OF THE UNITED STATES INCLUDING WETLANDS SUBJECT TO THE CORPS OF ENGINEERS REGULATORY PROGRAM PRESENT ON THIS PROPERTY AS DETERMINED USING MY PROFESSIONAL JUDGMENT IN ACCORDANCE WITH THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL AND IT'S SUPPLEMENTAL GUIDANCE INCLUDING THE ATLANTIC AND GULF COAST REGIONAL SUPPLEMENT (VERSION 2.0) AND THE 2020 NAVIGABLE WATERS PROTECTION RULE. THIS DELINEATION HAS NOT BEEN CONDUCTED FOR USDA PROGRAM OR AGRICULTURAL PURPOSES.

IN ACCORDANCE WITH DNREC TIDAL WETLAND MAPS, THERE ARE NO STATE REGULATED WETLANDS ON THE SITE.

EDWARD M. LAUNAY, SENIOR PWS NO. 875 SOCIETY OF WETLANDS SCIENTISTS CORPS OF ENGINEERS, CERTIFIED WETLAND
DELINEATOR WDCP93MD0510036B

WF-A36 ─

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WETLAND FLAG AND LABEL PROPERTY LINE

EXISTING WOODS LINE EXISTING TOPOGRAPHIC CONTOUR

> BOUNDARY OF BORROW PIT AREA WETLANDS NOT SUBJECT TO CORPS OF ENGINEERS REGULATORY PROGRAM

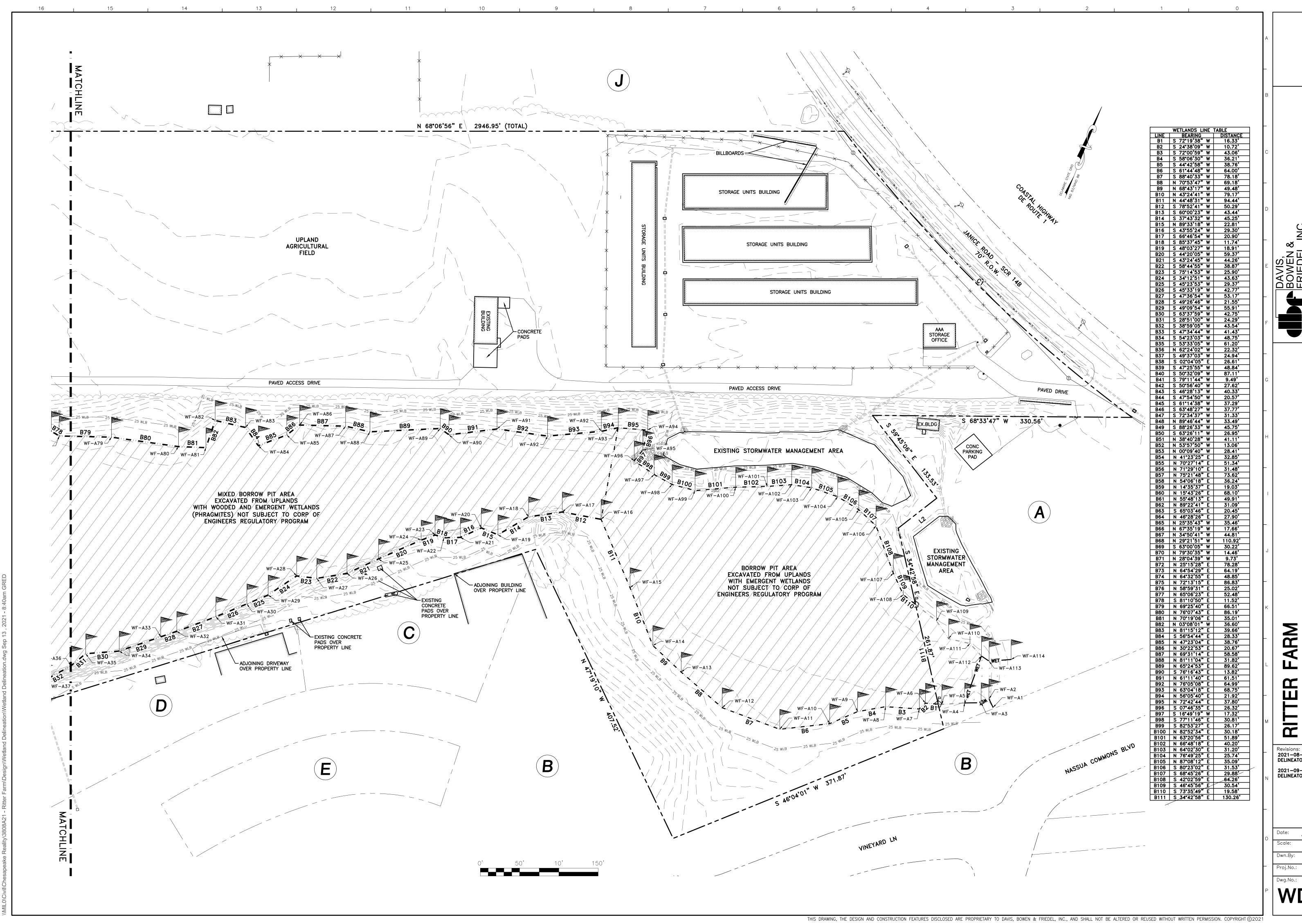
JULY 2021 Scale: 1" = 150' DEG Proj.No.: **P3808A21** 

2021-08-04 WETLANDS DELINEATOR COMMENTS

2021-09-10 WETLANDS DELINEATOR COMMENTS

HUNDRED

**WD-01** 



RED EX COUNTY, DELAWARE

HILLEK FAKM

LEWES REHOBETH HUNDRED

SQUALTISH STANDS SOLSSSEX CO

TOWN OF LEWES, SUSSSEX CO

Revisions:
2021-08-04 WETLANDS
DELINEATOR COMMENTS

2021-09-10 WETLANDS
DELINEATOR COMMENTS

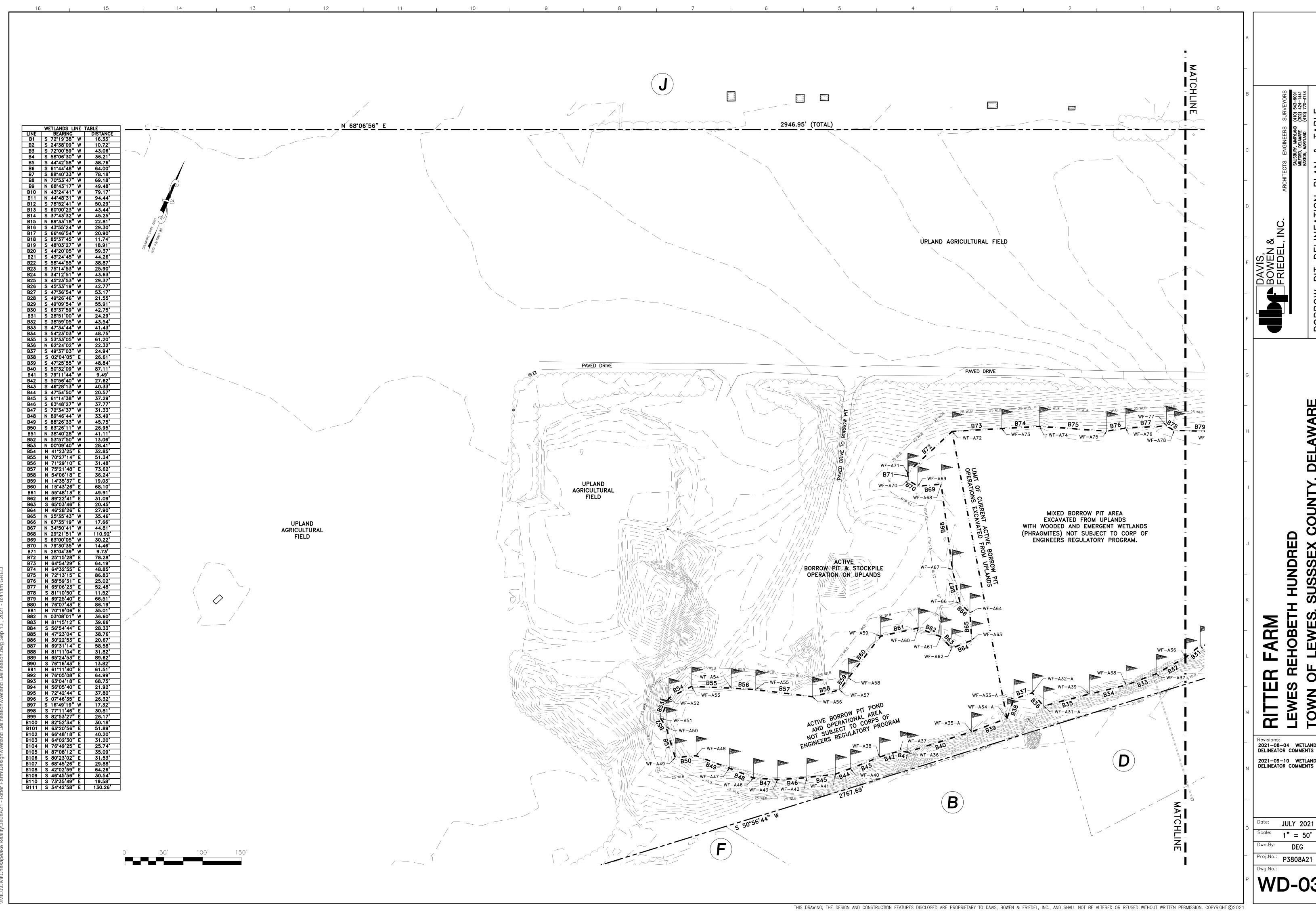
Date: JULY 2021

Scale: 1" = 50'

Dwn.By: DEG

Proj.No.: P3808A21

WD-02



DAVIS, BOWEN FRIEDEL BORROW

> HUNDRED SUSSSEX 囯 2021-08-04 WETLANDS DELINEATOR COMMENTS

DEL

2021-09-10 WETLANDS DELINEATOR COMMENTS JULY 2021 Scale: 1" = 50' DEG