

Appendix C:
Wetland Delineation Map



LEGEND

UPLAND SAMPLE LOCATION

WETLAND SAMPLE LOCATION

CULVERT

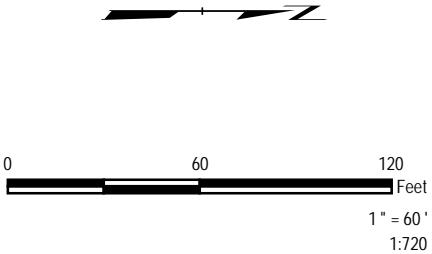
UPLAND DRAINAGE SWALE CENTERLINE

TRC DELINEATED WETLAND

STUDY AREA

NOTES

1. BASE MAP IMAGERY FROM MILWAUKEE COUNTY LAND INFORMATION OFFICE, 2015.



PROJECT:

WETLAND DELINEATION
KRONOS PROPERTY
FRANKLIN, MILWAUKEE COUNTY, WISCONSIN

TITLE:

WETLAND DELINEATION MAP

DRAWN BY:

R SUEMNICHT

PROJ. NO.:

283896

CHECKED BY:

L GIESE

APPROVED BY:

L GIESE

DATE:

SEPTEMBER 2017

EXHIBIT A

150 North Patrick Blvd., Suite 180
Brookfield, WI 53045
Phone: 262.879.1212
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FILE NO.:

283896-010.mxd

Appendix D:
Site Photographs

Site Photographs

Project Name		Site Location	Project No.
Krones Inc. Property		Franklin, Milwaukee County, Wisconsin	283896-0000-0000
Photo No.	Date		
1	8/31/17		
Description Sample point SP-1 (non-wetland). Facing south			

Photo No.	Date	
2	8/31/17	
Description Sample point SP-2 (non-wetland). Facing south		

Site Photographs


Project Name		Site Location	Project No.
Krones Inc. Property		Franklin, Milwaukee County, Wisconsin	283896-0000-0000
Photo No.	Date		
3	8/31/17		
Description			
Sample point SP-3 (non-wetland).			
Facing north			

Photo No.	Date	
4	8/31/17	
Description Northern portion of the Study Area. Facing east from near the northwest corner		

Site Photographs

Project Name		Site Location	Project No.
Krones Inc. Property		Franklin, Milwaukee County, Wisconsin	283896-0000-0000
Photo No.	Date		
5	8/31/17		
Description			
Sample point SP-4 (wetland).			
Facing west			

Photo No.	Date	
6	8/31/17	
Description Sample point SP-5 (non-wetland) Facing northwest		

Site Photographs

Project Name		Site Location	Project No.
Krones Inc. Property		Franklin, Milwaukee County, Wisconsin	283896-0000-0000
Photo No.	Date		
7	8/31/17		
Description Sample point SP-6 (non-wetland). Facing north			

Photo No.	Date	
8	8/31/17	
Description		
Overview of field.		
Facing northeast from southwest portion of the Study Area		

Site Photographs


Project Name		Site Location	Project No.
Krones Inc. Property		Franklin, Milwaukee County, Wisconsin	283896-0000-0000
Photo No.	Date		
9	8/31/17		
Description			
View of area along the eastern boundary.			
Facing south			

Photo No.	Date	
10	8/31/17	
Description		
View of the ditch along the western property boundary.		
Facing south		

Appendix E:
Wetland Determination Data Forms

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-1 Up
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): convex
 Slope: 5.0% 2.9 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiaqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: Sample point taken on backslope terrace.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
Tree Stratum (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Herb Stratum (Plot size: <u>5' r</u>)				
1. <u>Solidago canadensis</u>	15	<input checked="" type="checkbox"/> 16.7%	FACU	
2. <u>Cornus racemosa</u>	10	<input checked="" type="checkbox"/> 11.1%	FAC	
3. <u>Symphyotrichum novae-angliae</u>	10	<input checked="" type="checkbox"/> 11.1%	FACW	
4. <u>Symphyotrichum pilosum</u>	10	<input checked="" type="checkbox"/> 11.1%	FACU	
5. <u>Daucus carota</u>	10	<input checked="" type="checkbox"/> 11.1%	UPL	
6. <u>Bromus inermis</u>	10	<input checked="" type="checkbox"/> 11.1%	FACU	
7. <u>Monarda fistulosa</u>	10	<input checked="" type="checkbox"/> 11.1%	FACU	
8. <u>Erigeron annuus</u>	5	<input type="checkbox"/> 5.6%	FACU	
9. <u>Rhamnus cathartica</u>	5	<input type="checkbox"/> 5.6%	FAC	
10. <u>Symphyotrichum ericoides</u>	5	<input type="checkbox"/> 5.6%	FACU	
	90	= Total Cover		
Woody Vine Stratu (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		

Dominance Test worksheet:
 Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)
 Total Number of Dominant Species Across All Strata: 7 (B)
 Percent of dominant Species That Are OBL, FACW, or FAC: 28.6% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>10</u>	x 2 = <u>20</u>
FAC species <u>15</u>	x 3 = <u>45</u>
FACU species <u>55</u>	x 4 = <u>220</u>
UPL species <u>10</u>	x 5 = <u>50</u>
Column Totals: <u>90</u>	(A) <u>335</u> (B)

 Prevalence Index = B/A = 3.722

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is > 50%
☐ 3 - Prevalence Index is ≤ 3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet.)
 A hydrophytic plant community was not present.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: SP-1 Up

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix		Redox Features						Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²				
0-9	10YR	3/2	100						Silty Clay Loam	
9-12	10YR	4/2	98	10YR	4/6	2	C	M	Clay	

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils ³ :	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Coast Prairie Redox (A16)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Dark Surface (S7)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Iron Manganese Masses (F12)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)	
<input type="checkbox"/> 2 cm Muck (A10)	<input type="checkbox"/> Depleted Matrix (F3)		
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)		
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)		
<input type="checkbox"/> Sandy Muck Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)			

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>Rocky Substrate</u>	Yes <input type="radio"/> No <input checked="" type="radio"/>
Depth (inches): <u>12</u>	

Remarks:

Field indicators of hydric soils were not present. The second soil horizon was very dry, blocky and crumbly.

HYDROLOGY

Wetland Hydrology Indicators:	
Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Dry Season Water Table (C2)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> FAC-Neutral Test (D5)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	
<input type="checkbox"/> Water-Stained Leaves (B9)	
<input type="checkbox"/> Aquatic Fauna (B13)	
<input type="checkbox"/> True Aquatic Plants (B14)	
<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	
<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	
<input type="checkbox"/> Presence of Reduced Iron (C4)	
<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	
<input type="checkbox"/> Thin Muck Surface (C7)	
<input type="checkbox"/> Gauge or Well Data (D9)	
<input type="checkbox"/> Other (Explain in Remarks)	

Field Observations:	Wetland Hydrology Present?
Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. No indicators of wetland hydrology were present.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-2 Up
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): concave
 Slope: 5.0% 2.9 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: Sample point taken downslope of hillside sandbar willow clump and approximately 2 feet higher in elevation than a ditch.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
Tree Stratum (Plot size: <u>30' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
3. _____	0	<input type="checkbox"/> 0.0%	_____
4. _____	0	<input type="checkbox"/> 0.0%	_____
5. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
3. _____	0	<input type="checkbox"/> 0.0%	_____
4. _____	0	<input type="checkbox"/> 0.0%	_____
5. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	
Herb Stratum (Plot size: <u>5' r</u>)			
1. <u>Phalaris arundinacea</u>	30	<input checked="" type="checkbox"/> 33.3%	FACW
2. <u>Solidago canadensis</u>	20	<input checked="" type="checkbox"/> 22.2%	FACU
3. <u>Salix interior</u>	20	<input checked="" type="checkbox"/> 22.2%	FACW
4. <u>Cirsium arvense</u>	15	<input type="checkbox"/> 16.7%	FACU
5. <u>Nepeta cataria</u>	5	<input type="checkbox"/> 5.6%	FACU
6. _____	0	<input type="checkbox"/> 0.0%	_____
7. _____	0	<input type="checkbox"/> 0.0%	_____
8. _____	0	<input type="checkbox"/> 0.0%	_____
9. _____	0	<input type="checkbox"/> 0.0%	_____
10. _____	0	<input type="checkbox"/> 0.0%	_____
	90	= Total Cover	
Woody Vine Stratu (Plot size: <u>30' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	

Dominance Test worksheet:
 Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)
 Total Number of Dominant Species Across All Strata: 3 (B)
 Percent of dominant Species That Are OBL, FACW, or FAC: 66.7% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>50</u>	x 2 = <u>100</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>40</u>	x 4 = <u>160</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>90</u>	(A) <u>260</u> (B)

 Prevalence Index = B/A = 2.889

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is > 50%
☒ 3 - Prevalence Index is ≤ 3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)
 A hydrophytic plant community was present due to the abundance of two opportunistic species (Phalaris arundinacea and Salix interior) that commonly extend into non-wetland areas.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: **SP-2 Up**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix		%	Redox Features				Texture	Remarks	
	Color (moist)			Color (moist)	%	Type ¹	Loc ²			
0-4	10YR	3/2	97	10YR	4/2	2	D	M	Clay Loam	
				10YR	5/8	1	C	M		
4-16	10YR	3/1	60						Clay Loam	
	10YR	3/2	40							
16-20	10YR	3/2	98	10YR	4/6	2	C	M	Clay Loam	

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:			Indicators for Problematic Hydric Soils ³ :		
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Coast Prairie Redox (A16)			
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Dark Surface (S7)			
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Iron Manganese Masses (F12)			
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)			
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)			
<input type="checkbox"/> 2 cm Muck (A10)	<input type="checkbox"/> Depleted Matrix (F3)				
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)				
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)				
<input type="checkbox"/> Sandy Muck Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)				
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)					

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>None</u>	Yes <input type="radio"/> No <input checked="" type="radio"/>
Depth (inches): <u>N/A</u>	

Remarks:

No field indicators of hydric soil were observed.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> True Aquatic Plants (B14)	<input type="checkbox"/> Dry Season Water Table (C2)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Stunted or Stressed Plants (D1)	
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> FAC-Neutral Test (D5)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Gauge or Well Data (D9)		
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Other (Explain in Remarks)		

Field Observations:			
Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): <u> </u>	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. Only one secondary indicator of wetland hydrology was present.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-3 Up
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Shoulder slope Local relief (concave, convex, none): concave
 Slope: 2.0% 1.1 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: Sample point taken in narrow swale at base of old spoil pile.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status
Tree Stratum (Plot size: <u>30' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
3. _____	0	<input type="checkbox"/> 0.0%	_____
4. _____	0	<input type="checkbox"/> 0.0%	_____
5. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
3. _____	0	<input type="checkbox"/> 0.0%	_____
4. _____	0	<input type="checkbox"/> 0.0%	_____
5. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	
Herb Stratum (Plot size: <u>2' x 40'</u>)			
1. <u>Phalaris arundinacea</u>	80	<input checked="" type="checkbox"/> 80.0%	FACW
2. <u>Barbarea vulgaris</u>	10	<input type="checkbox"/> 10.0%	FAC
3. <u>Cirsium arvense</u>	10	<input type="checkbox"/> 10.0%	FACU
4. _____	0	<input type="checkbox"/> 0.0%	_____
5. _____	0	<input type="checkbox"/> 0.0%	_____
6. _____	0	<input type="checkbox"/> 0.0%	_____
7. _____	0	<input type="checkbox"/> 0.0%	_____
8. _____	0	<input type="checkbox"/> 0.0%	_____
9. _____	0	<input type="checkbox"/> 0.0%	_____
10. _____	0	<input type="checkbox"/> 0.0%	_____
	100	= Total Cover	
Woody Vine Stratu (Plot size: <u>30' r</u>)			
1. _____	0	<input type="checkbox"/> 0.0%	_____
2. _____	0	<input type="checkbox"/> 0.0%	_____
	0	= Total Cover	

Dominance Test worksheet:
 Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)
 Total Number of Dominant Species Across All Strata: 1 (B)
 Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>80</u>	x 2 = <u>160</u>
FAC species <u>10</u>	x 3 = <u>30</u>
FACU species <u>10</u>	x 4 = <u>40</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>100</u>	(A) <u>230</u> (B)

 Prevalence Index = B/A = 2.300

Hydrophytic Vegetation Indicators:
☒ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is > 50%
☒ 3 - Prevalence Index is ≤ 3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

A hydrophytic plant community was present due to the abundance of Phalaris arundinacea, which was also growing on top of the old spoil pile.

¹Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: **SP-3 Up**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)									
Depth (inches)	Matrix		Redox Features						
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0-7	10YR	3/2	60					Clay Loam	
	10YR	4/3	40						
7-16	7.5YR	4/3	98	7.5YR	4/6	2	C	M	Clay Loam

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:	Indicators for Problematic Hydric Soils ³ :
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Coast Prairie Redox (A16)
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Dark Surface (S7)
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Iron Manganese Masses (F12)
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Other (Explain in Remarks)
<input type="checkbox"/> 2 cm Muck (A10)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	
<input type="checkbox"/> Thick Dark Surface (A12)	
<input type="checkbox"/> Sandy Muck Mineral (S1)	
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	
<input type="checkbox"/> Sandy Redox (S5)	
<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Loamy Mucky Mineral (F1)	
<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Redox Depressions (F8)	

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>Compaction/gravels</u>	Yes <input type="radio"/> No <input checked="" type="radio"/>
Depth (inches): <u>16</u>	

Remarks:

Field indicators of hydric soils were not present.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> True Aquatic Plants (B14)	<input type="checkbox"/> Dry Season Water Table (C2)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Stunted or Stressed Plants (D1)	
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> FAC-Neutral Test (D5)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Gauge or Well Data (D9)		
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Other (Explain in Remarks)		

Field Observations:	Wetland Hydrology Present?
Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	
Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. Only one secondary indicator of wetland hydrology was present.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-4 Wet
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): flat
 Slope: 0.0% 0.0 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="radio"/> No <input type="radio"/>
Hydric Soil Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Remarks: Sample point taken in area with micro-topography. This area appears to receive runoff from the adjacent parking lot.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
Tree Stratum (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <u>0</u> x 1 = <u>0</u> FACW species <u>80</u> x 2 = <u>160</u> FAC species <u>30</u> x 3 = <u>90</u> FACU species <u>0</u> x 4 = <u>0</u> UPL species <u>0</u> x 5 = <u>0</u> Column Totals: <u>110</u> (A) <u>250</u> (B) Prevalence Index = B/A = <u>2.273</u>
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Herb Stratum (Plot size: <u>5' r</u>)				
1. <u>Phalaris arundinacea</u>	80	<input checked="" type="checkbox"/> 72.7%	FACW	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is > 50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤ 3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Hordeum jubatum</u>	30	<input checked="" type="checkbox"/> 27.3%	FAC	
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
	110	= Total Cover		
Woody Vine Stratu (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/>
2. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)
 A hydrophytic plant community was present.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: **SP-4 Wet**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix			Redox Features					Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type ¹	Loc ²			
0-10	10YR	4/2	60	7.5YR	4/6	5	C	M	Clay Loam	Horizon was moist
	10YR	3/2	35							
10-12	10YR	3/1	70	7.5YR	4/6	10	C	M	Sandy Clay Loam	
	10YR	3/3	20							
12-20	10YR	4/4	80	2.5Y	6/8	10	C	M	Sandy Clay	fine sand
				2.5Y	6/1	10	D	M		

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils ³ :	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Coast Prairie Redox (A16)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Dark Surface (S7)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Iron Manganese Masses (F12)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)	
<input type="checkbox"/> 2 cm Muck (A10)	<input checked="" type="checkbox"/> Depleted Matrix (F3)		
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)		
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)		
<input type="checkbox"/> Sandy Muck Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)			

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>None</u>	Yes <input checked="" type="radio"/> No <input type="radio"/>
Depth (inches): <u>N/A</u>	

Remarks:

A field indicator of hydric soil was present. Although soils were mixed they were not considered significantly disturbed to affect hydric soil determination.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> True Aquatic Plants (B14)	<input type="checkbox"/> Dry Season Water Table (C2)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input checked="" type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Stunted or Stressed Plants (D1)	
<input checked="" type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> FAC-Neutral Test (D5)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Gauge or Well Data (D9)		
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Other (Explain in Remarks)		

Field Observations:		Wetland Hydrology Present?
Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Saturation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	

(includes capillary fringe)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. Primary and secondary indicators of wetland hydrology were present.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-5 Up
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): flat
 Slope: 0.0% 0.0 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiaqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: Sample point taken slightly downslope of SP-4 (Wet) where drainage was expected to continue.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
Tree Stratum (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Herb Stratum (Plot size: <u>5' r</u>)				
1. <u>Bromus inermis</u>	60	<input checked="" type="checkbox"/> 60.0%	FACU	
2. <u>Phalaris arundinacea</u>	30	<input checked="" type="checkbox"/> 30.0%	FACW	
3. <u>Symphyotrichum pilosum</u>	10	<input type="checkbox"/> 10.0%	FACU	
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
	100	= Total Cover		
Woody Vine Stratu (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		

Dominance Test worksheet:
 Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)
 Total Number of Dominant Species Across All Strata: 2 (B)
 Percent of dominant Species That Are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>30</u>	x 2 = <u>60</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>70</u>	x 4 = <u>280</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>100</u>	(A) <u>340</u> (B)

 Prevalence Index = B/A = 3.400

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is > 50%
☐ 3 - Prevalence Index is ≤ 3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet.)
 A hydrophytic plant community was not present.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: **SP-5 Up**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)										
Depth (inches)	Matrix		Redox Features						Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²				
0-1	10YR	3/2	100						Silt Loam	
1-15	10YR	4/2	90						Clay	15% gravel s
	10YR	4/3	10							
15-20	10YR	5/2	98	10YR	5/8	2	C	M	Clay	

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:			Indicators for Problematic Hydric Soils ³ :		
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Coast Prairie Redox (A16)			
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Dark Surface (S7)			
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Iron Manganese Masses (F12)			
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)			
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)			
<input type="checkbox"/> 2 cm Muck (A10)	<input type="checkbox"/> Depleted Matrix (F3)				
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)				
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)				
<input type="checkbox"/> Sandy Muck Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)				
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)					

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):		Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Type: <u>None</u>	Depth (inches): <u>N/A</u>	

Remarks:

No field indicators of hydric soil were observed.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> True Aquatic Plants (B14)	<input type="checkbox"/> Dry Season Water Table (C2)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Stunted or Stressed Plants (D1)	
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> FAC-Neutral Test (D5)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Gauge or Well Data (D9)		
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Other (Explain in Remarks)		

Field Observations:			
Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. No indicators of wetland hydrology were present.

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Krones - Parcel 8999990062 City/County: Franklin/Milwaukee Sampling Date: 31-Aug-17
 Applicant/Owner: Krones, Inc. State: WI Sampling Point: SP-6 Up
 Investigator(s): Laura Giese Section, Township, Range: S 26 T 5N R 21E
 Landform (hillslope, terrace, etc.): Shoulder slope Local relief (concave, convex, none): convex
 Slope: 10.0% 5.7 ° Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Blount silt loam (BIA), mesic, Aeric Epiqualf NWI classification: None

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ , Soil ☐ , or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: Sample point taken amongst a clump of sandbar willow growing on a relatively steep hillside.	

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species? Rel.Strat. Cover	Indicator Status	
Tree Stratum (Plot size: <u>30' r</u>)				
1. _____	0	<input type="checkbox"/> 0.0%		
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)				
1. <u>Salix interior</u>	80	<input checked="" type="checkbox"/> 100.0%	FACW	
2. _____	0	<input type="checkbox"/> 0.0%		
3. _____	0	<input type="checkbox"/> 0.0%		
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
	80	= Total Cover		
Herb Stratum (Plot size: <u>5' r</u>)				
1. <u>Phalaris arundinacea</u>	30	<input checked="" type="checkbox"/> 50.0%	FACW	
2. <u>Parthenocissus quinquefolia</u>	20	<input checked="" type="checkbox"/> 33.3%	FACU	
3. <u>Cirsium arvense</u>	10	<input type="checkbox"/> 16.7%	FACU	
4. _____	0	<input type="checkbox"/> 0.0%		
5. _____	0	<input type="checkbox"/> 0.0%		
6. _____	0	<input type="checkbox"/> 0.0%		
7. _____	0	<input type="checkbox"/> 0.0%		
8. _____	0	<input type="checkbox"/> 0.0%		
9. _____	0	<input type="checkbox"/> 0.0%		
10. _____	0	<input type="checkbox"/> 0.0%		
	60	= Total Cover		
Woody Vine Stratu (Plot size: <u>30' r</u>)				
1. <u>Parthenocissus quinquefolia</u>	20	<input type="checkbox"/> 100.0%	FACU	
2. _____	0	<input type="checkbox"/> 0.0%		
	20	= Total Cover		

Dominance Test worksheet:
 Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)
 Total Number of Dominant Species Across All Strata: 4 (B)
 Percent of dominant Species That Are OBL, FACW, or FAC: 50.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>110</u>	x 2 = <u>220</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>50</u>	x 4 = <u>200</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>160</u>	(A) <u>420</u> (B)

 Prevalence Index = B/A = 2.625

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is > 50%
☒ 3 - Prevalence Index is ≤ 3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet.)
 A hydrophytic plant community was not present based on the dominance test, but was present based on the prevalence index due to the abundance of Salix interior.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: **SP-6 Up**

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)									
Depth (inches)	Matrix			Redox Features				Texture	Remarks
	Color (moist)		%	Color (moist)	%	Type ¹	Loc ²		
0-6	10YR	4/2	80					Clay Loam	gravel l y
	10YR	4/3	20						

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:			Indicators for Problematic Hydric Soils ³ :		
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Coast Prairie Redox (A16)			
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> Dark Surface (S7)			
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Iron Manganese Masses (F12)			
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)			
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)			
<input type="checkbox"/> 2 cm Muck (A10)	<input type="checkbox"/> Depleted Matrix (F3)				
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)				
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)				
<input type="checkbox"/> Sandy Muck Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)				
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)					

³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):	Hydric Soil Present?
Type: <u>Rock and Gravels</u>	Yes <input type="radio"/> No <input checked="" type="radio"/>
Depth (inches): <u>6</u>	

Remarks:

No field indicators of hydric soil were observed. No redox features were observed in the soil suggesting water is not impeded by the restrictive layer.

HYDROLOGY

Wetland Hydrology Indicators:			
Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)	
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)	
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> True Aquatic Plants (B14)	<input type="checkbox"/> Dry Season Water Table (C2)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Stunted or Stressed Plants (D1)	
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> FAC-Neutral Test (D5)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Gauge or Well Data (D9)		
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Other (Explain in Remarks)		

Field Observations:			
Surface Water Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>
Water Table Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="radio"/> No <input checked="" type="radio"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Aerial Imagery, WETS Analysis

Remarks:

Based on a WETS analysis, antecedent hydrologic conditions were within a normal range. No indicators of wetland hydrology were present.

Appendix F:
Professional Opinion on Wetland Susceptibility

Table 5: Opinion of Susceptibility for NR 151 Setback Purposes

Note: Final authority on NR 151 protective areas rests with WDNR, but the following is TRC's opinion of each wetland's NR 151 protective area category.

<u>Wetland #</u>	<u>Least Susceptible</u>	<u>Moderately Susceptible</u>	<u>Highly Susceptible</u>
W-1	X		

Definitions of Susceptibility Per WDNR Administrative Code:

Least Susceptible: Degraded wetlands dominated by invasive species ($\geq 90\%$) such as reed canary grass. Protective area = 10% of avg wetland width, but no less than 10' or more than 30'.

Moderately Susceptible: Fens, sedge meadows, bogs, low prairies, conifer swamps, shrub swamps, other forested wetlands, fresh wet meadows, shallow marshes, deep marshes and seasonally flooded basins. Protective area = 50'.

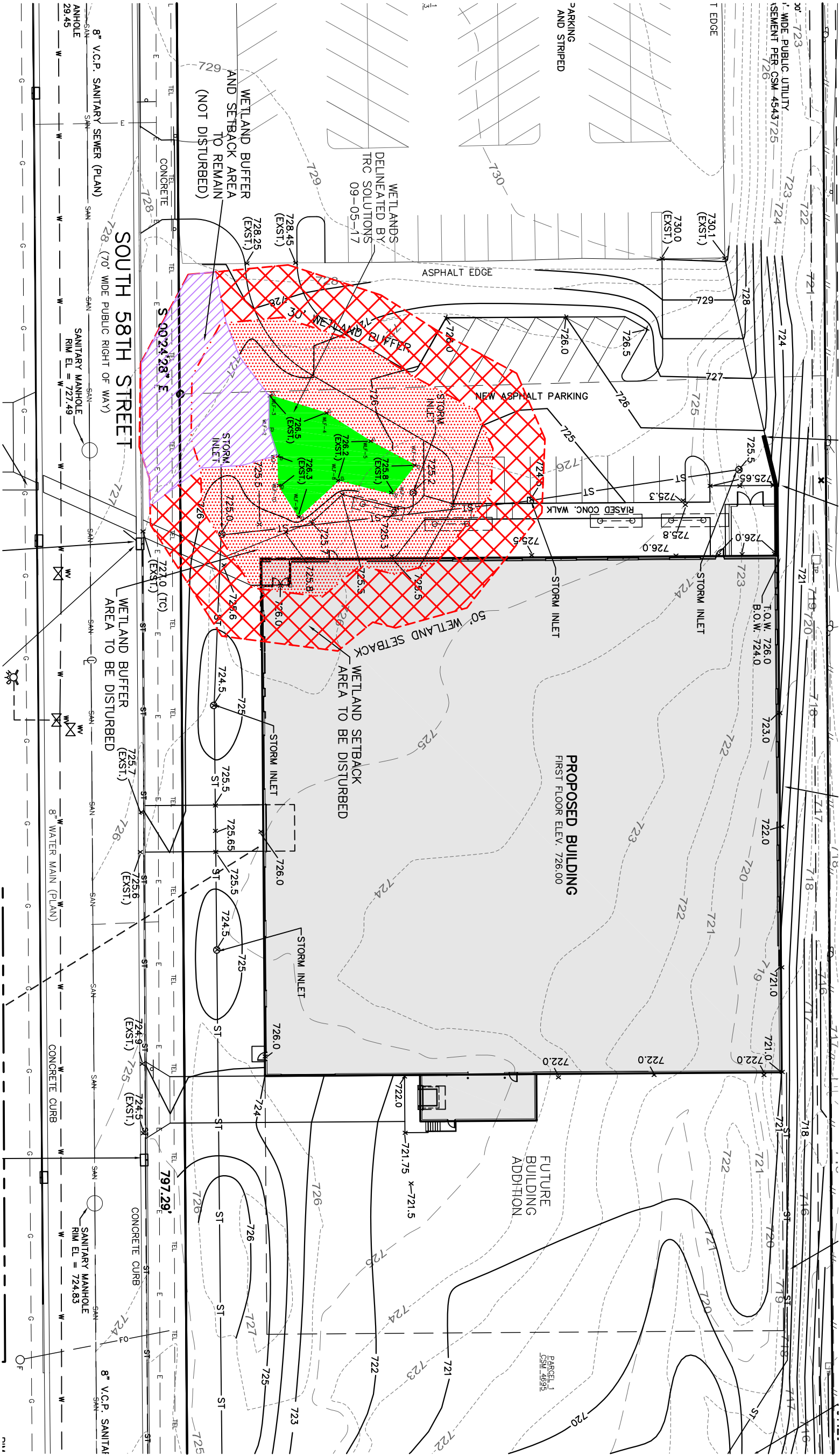
Highly Susceptible: Outstanding/exceptional resource waters, wetlands in areas of special natural resource interest as specified in s. NR 103.04. Protective area = 75'.



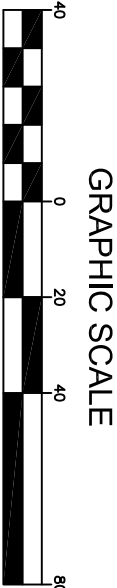
KRONES

9600 S. 58TH ST. FRANKLIN, WI

CUE NO.: 1740R4
NOVEMBER 13, 2017

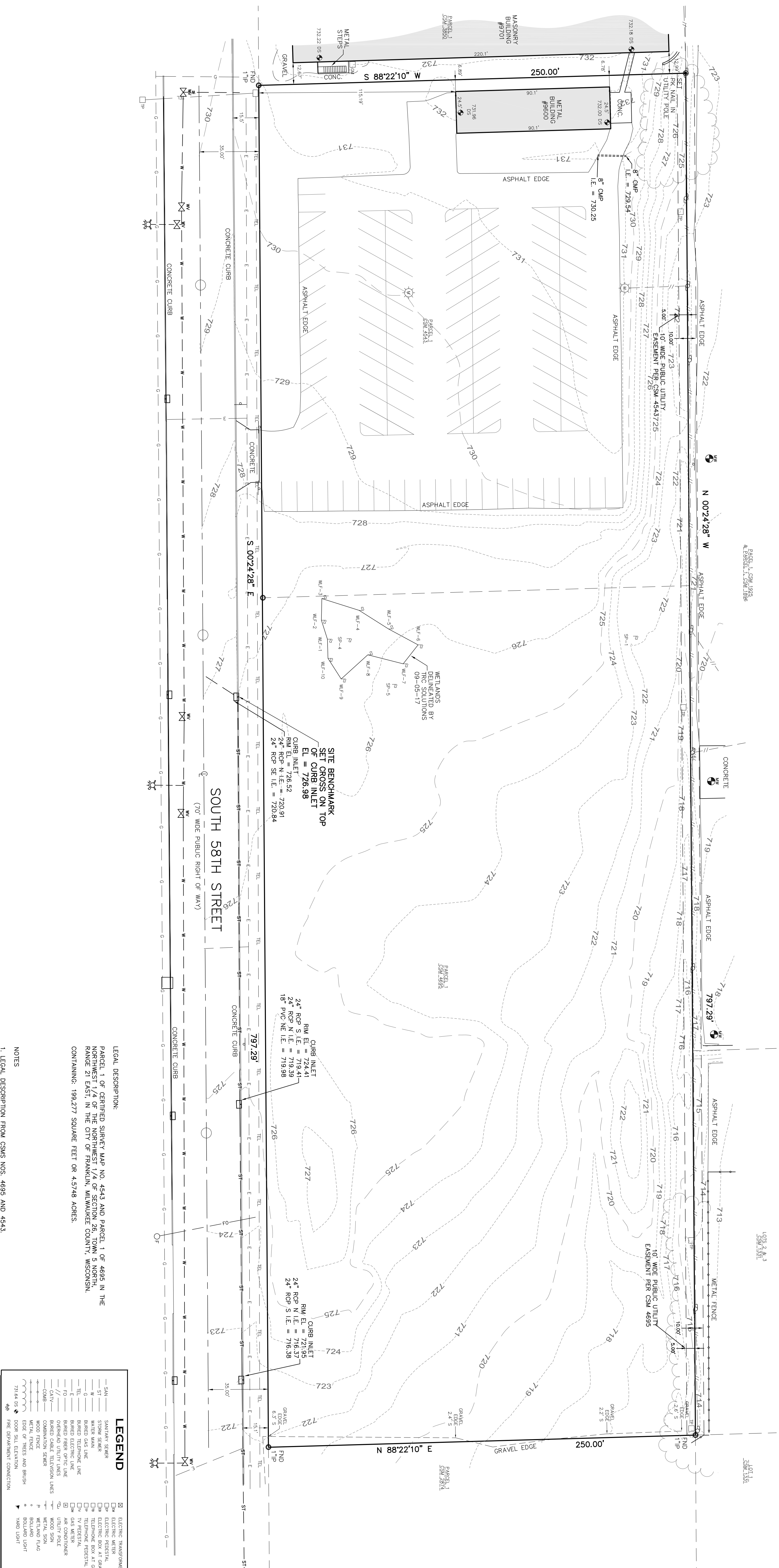
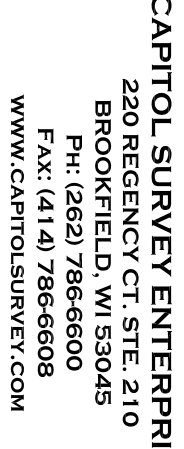
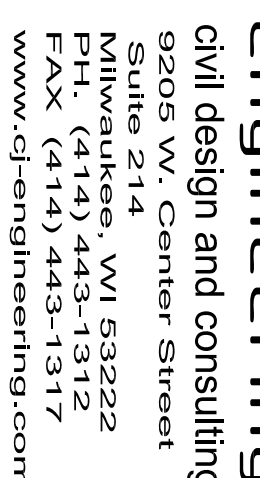


- Wetland: 1,358 square feet
- Wetland Buffer: 9,346 square feet
- Wetland Setback: 17,928 square feet
- Wetland Buffer Disturbance: 6,750 square feet
- Wetland Setback Disturbance: 13,670 square feet



EXHIBIT

NATURAL RESOURCE IMPACTS



PLAT OF SURVEY WITH TOPOGRAPHY

FOR

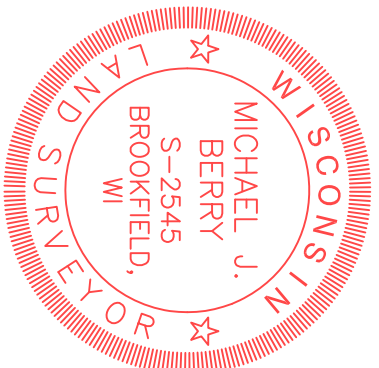
KRONES
9600 S. 58TH ST
FRANKLIN, WI

DRAWN BY:	NJF	DATE:	SEPT. 12, 2017
CHECKED BY:	MJB	DRAWING NO.	P-0
CSE JOB NO.:	17-073	SHEET	1 OF 1

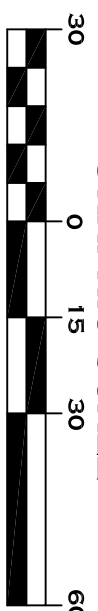
I CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY, AND THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY, ITS EXTERIOR BOUNDARIES, THE LOCATION AND DIMENSIONS OF ALL VISIBLE STRUCTURES THEREON, BOUNDARY FENCES, APPARENT EASEMENTS AND ROADWAYS AND VISIBLE ENCROACHMENTS, IF ANY. THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THEREOF, WITHIN ONE (1) YEAR FROM DATE THEREOF.

SEPTEMBER 12, 2017
DATE

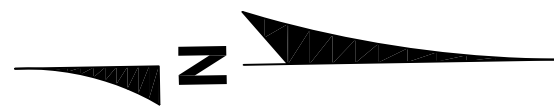
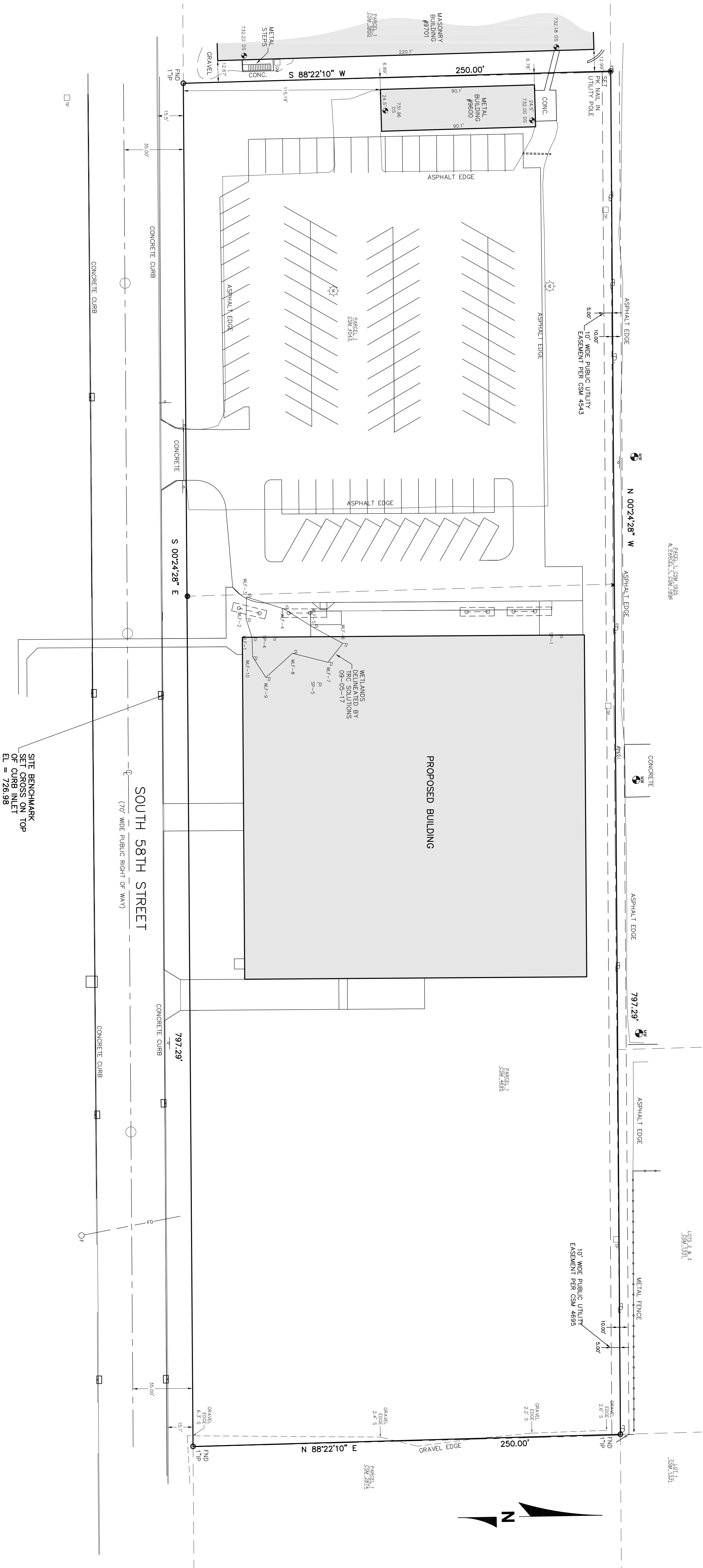
MICHAEL J. BERRY, R.L.S.
REGISTERED LAND SURVEYOR S-2545



GRAPHIC SCALE



(IN FEET)
1 INCH = 30 FT.

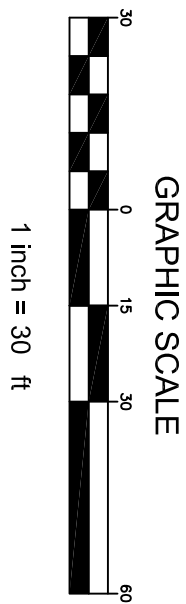


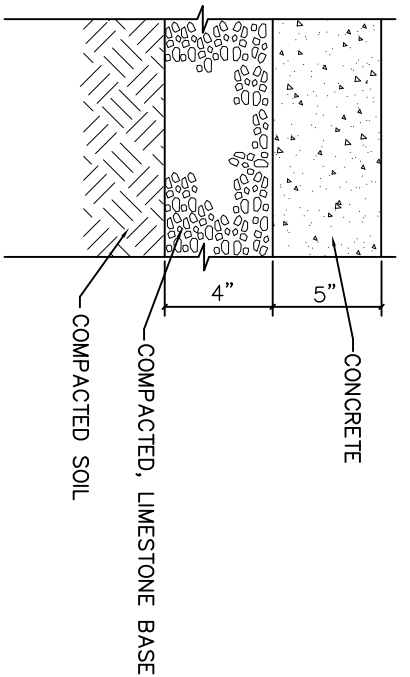
KRONES

9600 S. 58TH ST. FRANKLIN, WI

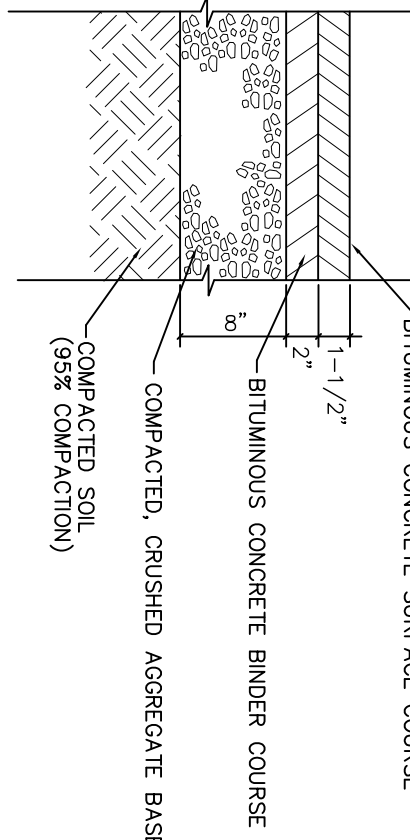
ALTERNATIVE I
SITE PLAN

CJE NO.: 1740R0
SEPTEMBER 26, 2017

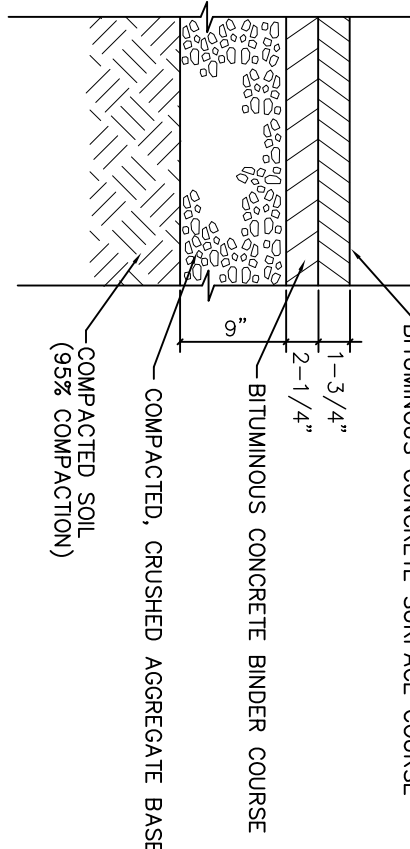




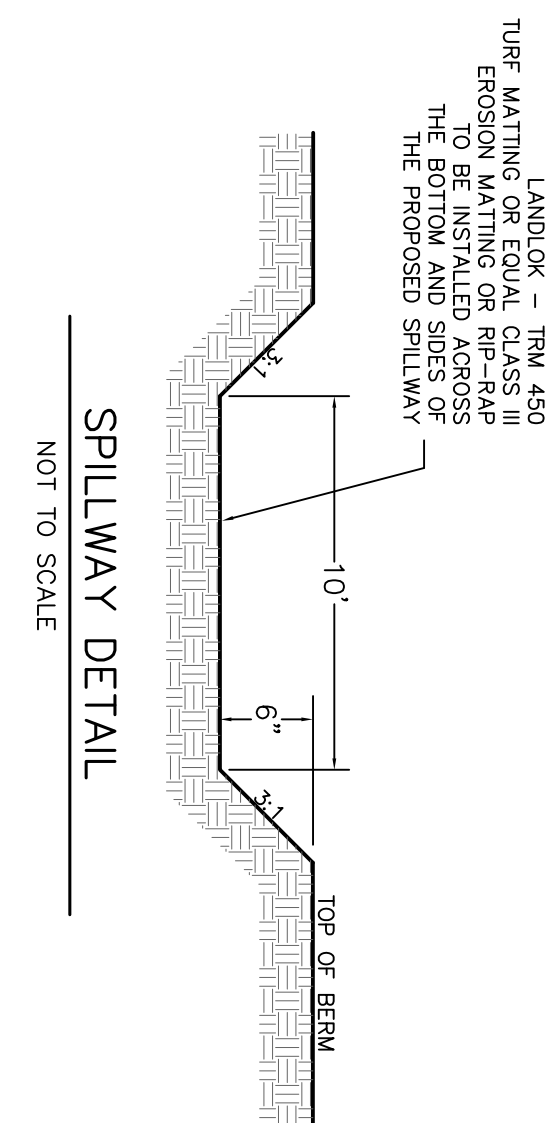
CONCRETE SIDEWALK
NOT TO SCALE



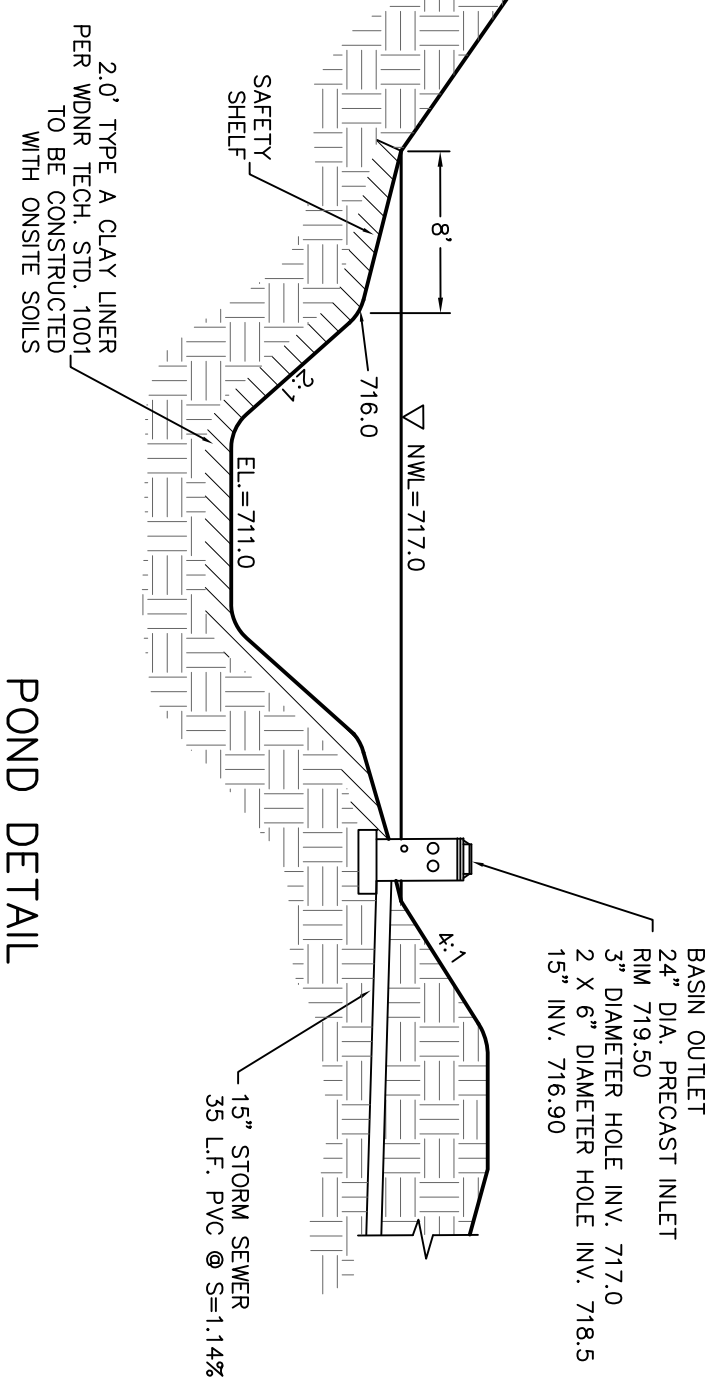
STANDARD DUTY
ASPHALT PAVEMENT
NOT TO SCALE



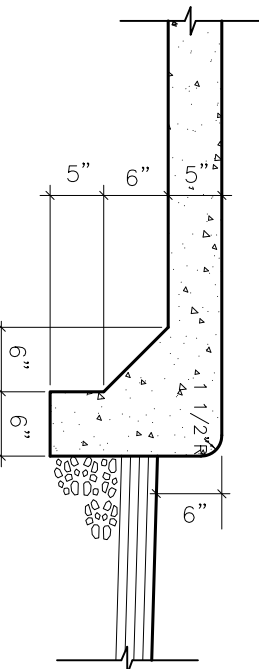
HEAVY DUTY
ASPHALT PAVEMENT
NOT TO SCALE



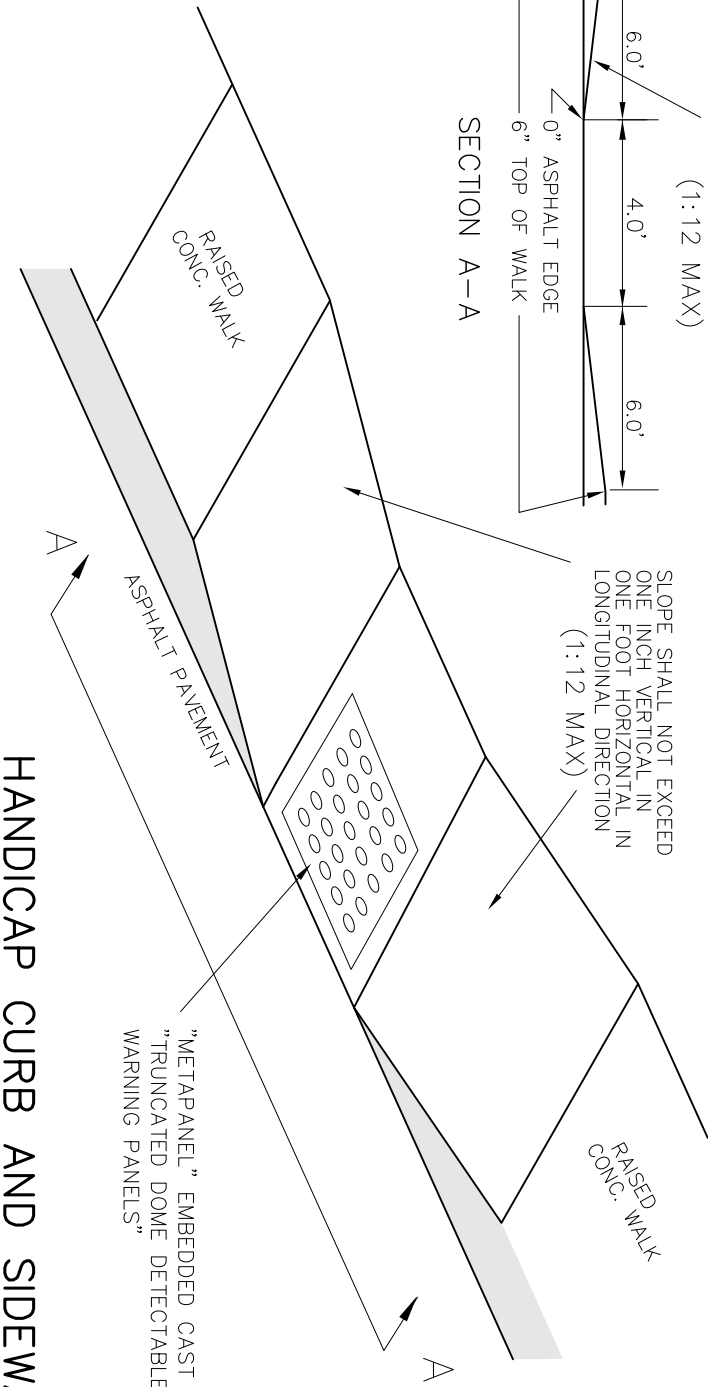
SPILLWAY DETAIL
NOT TO SCALE



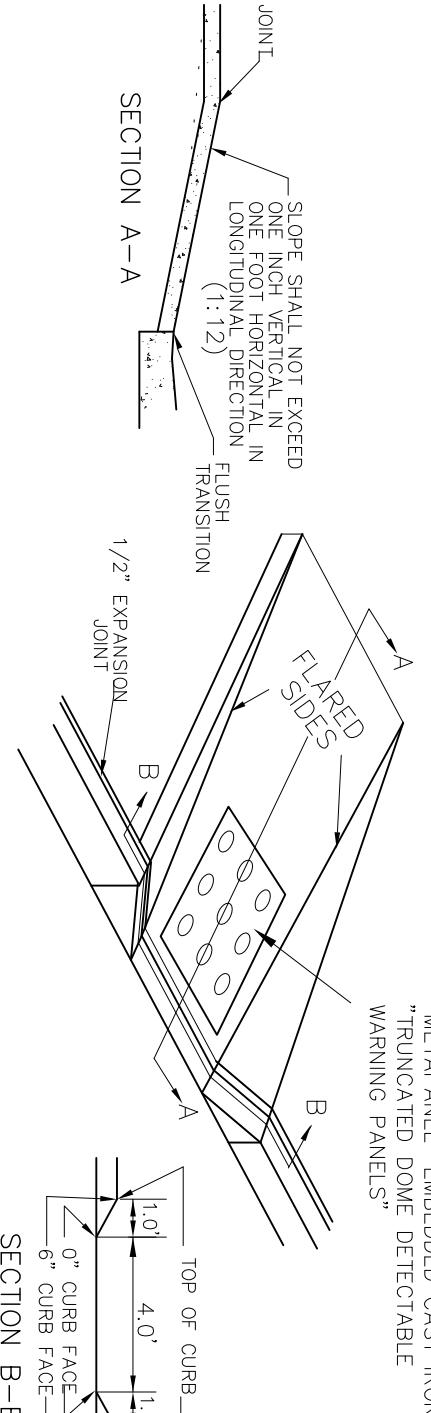
POND DETAIL
NOT TO SCALE



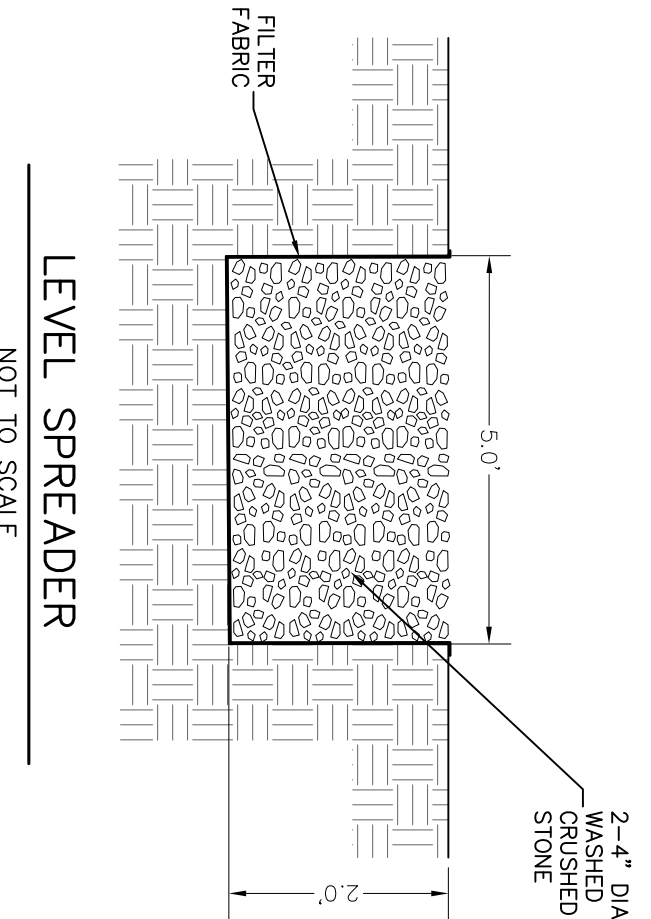
CONCRETE WALK WITH INTEGRAL CURB
NOT TO SCALE



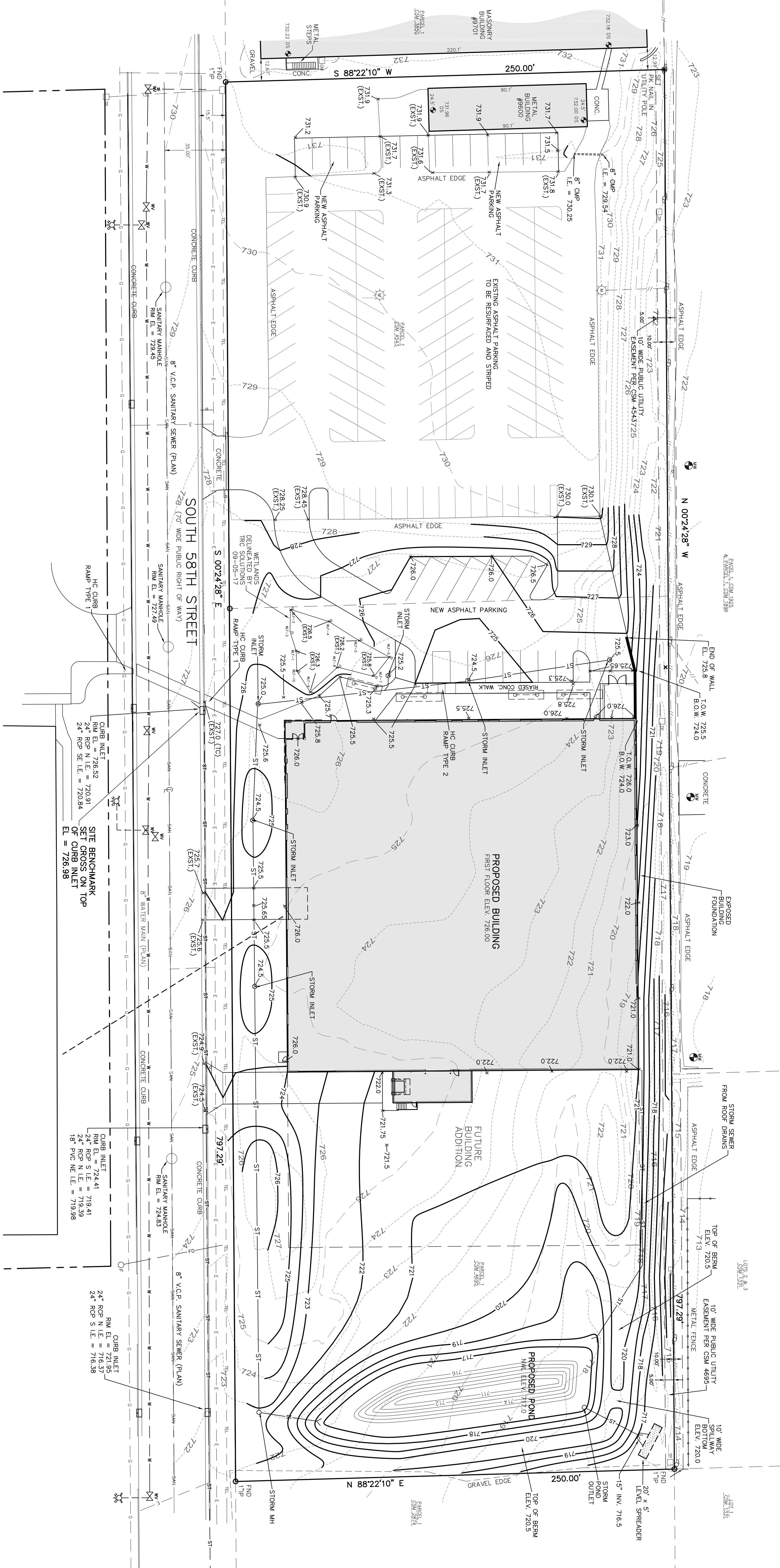
HANDICAP CURB AND SIDEWALK RAMP TYPE 2
NOT TO SCALE



HANDICAP CURB AND SIDEWALK RAMP TYPE 1
NOT TO SCALE



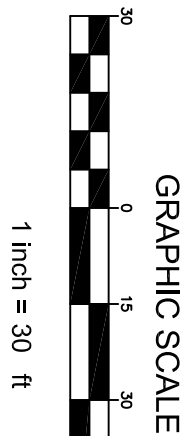
LEVEL SPREADER
NOT TO SCALE

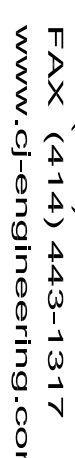
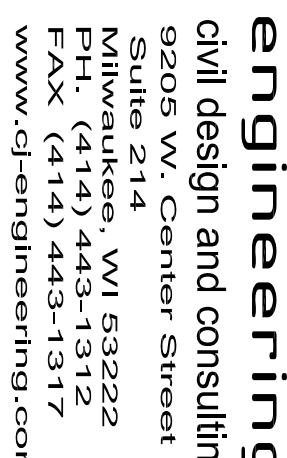


LEGEND

- 726 --- EXISTING CONTOUR
- 723 --- PROPOSED CONTOUR
- x735.5 --- PROPOSED ELEVATION
- ST --- PROPOSED STORM SEWER

- NOTES:
1. DISTURBED AREA = 136,000 S.F. (3.10 ACRES)
 2. ALL PROPOSED SPOT GRADES SHOWN ARE AT BOTTOM OF CURB / RAISED WALK.
 3. SITE PLAN SUBJECT TO APPROVAL OF THE NATURAL RESOURCE EXCEPTION FOR WETLAND BUFFER AND WETLAND SETBACKS.





9600 S. 58TH ST. FRANKLIN, WI

CJE NO.: 1740R2
OCTOBER 30, 2017

SITE PLAN - ALTERNATIVE 3

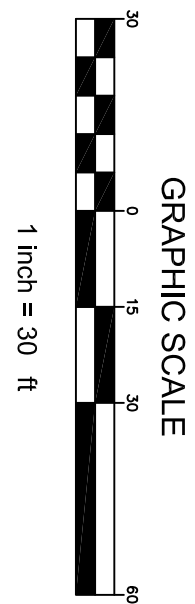


Exhibit B

City of Franklin Environmental Commission

TO: Common Council
DATE: November 29, 2017
RE: Special Exception application review and recommendation
APPLICATION: Krones, Inc., Applicant, dated: November 10, 2017
(9611 South 58th Street)

I. §15-9.0110 of the Unified Development Ordinance Special Exception to Natural Resource Feature Provisions Application information:

1. Unified Development Ordinance Section(s) from which Special Exception is requested:

Wetland buffer areas – Section 15-4.0102 H and Wetland Setbacks – Section 15-4.0102I.

2. Nature of the Special Exception requested (description of resources, encroachment, distances and dimensions):

There is small isolated Wetland area of 1358 s.f. that was discovered and delineated. The wetlands are a result of runoff from the existing parking lot and poor drainage/grading. The wetlands are in a location of the initial proposed site expansion. The site has been redesigned to avoid the wetlands but cannot be designed to avoid the wetland buffer and setback areas.

3. Applicant's reason for request:

The proposed project cannot be constructed to meet the current needs and future expansion plans without encroaching into the wetland buffer and setback areas.

4. Applicant's reason why request appropriate for Special Exception:

The request is appropriate since the intention of the wetland buffers and setbacks are to protect the wetland areas. The proposed plan does maintain and protect the wetlands. The adjacent impervious area will

no longer drain directly into the wetland area. The proposed storm water and grading plan are designed to collect and reroute this runoff to a new storm water pond on the north which will protect the wetland quality. In addition the wetland is located in the front of the proposed building so the owner will maintain the vegetative quality of the wetlands and adjacent areas for aesthetic reasons.

II. Environmental Commission review of the §15-9.0110C.4.f. Natural Resource Feature impacts to functional values:

1. Diversity of flora including State and/or Federal designated threatened and/or endangered species:

See wetland report for flora description. No threatened or endangered species exists.

2. Storm and flood water storage:

The wetland buffer and setback area does not provide any significant storm or flood storage. Storm water storage is provided on the north with a proposed storm water pond.

3. Hydrologic functions:

The wetland buffer and setback area does not provide any significant hydrologic functions. Storm water management is provided on the north with a proposed storm water pond.

4. Water quality protection including filtration and storage of sediments, nutrients or toxic substances:

Water quality / sediment removal will be provided on the north with a proposed storm water pond.

5. Shoreline protection against erosion:

NA

6. Habitat for aquatic organisms:

NA

7. Habitat for wildlife:

No impact anticipated.

8. Human use functional value:

No impact anticipated.

9. Groundwater recharge/dischARGE protection:

No impact anticipated.

10. Aesthetic appeal, recreation, education, and science value:

No impact anticipated. Wetland area will be maintained and enhanced.

11. State or Federal designated threatened or endangered species or species of special concern:

None

12. Existence within a Shoreland:

NA

13. Existence within a Primary or Secondary Environmental Corridor or within an Isolated Natural Area, as those areas are defined and currently mapped by the Southeastern Wisconsin Regional Planning Commission from time to time:

None

III. Environmental Commission review of the §15-10.0208B.2.d. factors and recommendations as to findings thereon:

1. That the condition(s) giving rise to the request for a Special Exception were not self-imposed by the applicant (this subsection a. does not apply to an application to improve or enhance a natural resource feature):

Existing site grading along with the desired reuse of the existing parking lot as a parking lot to serve the proposed training building coupled with the need to provide a safe and controlled pedestrian access between the existing Krones building across the street constricted the building of the new training center to the proposed location.

2. That compliance with the stream, shore buffer, navigable water-related, wetland, wetland buffer, and wetland setback requirement will:

- a. be unreasonably burdensome to the applicants and that there are no reasonable practicable alternatives; *or*
- b. unreasonably and negatively impact upon the applicants' use of the property and that there are no reasonable practicable alternatives:

Agree, requirements will unreasonably and negatively impact the owner's use of the property and there are no practicable alternatives.

3. The Special Exception, including any conditions imposed under this Section will:

- a. be consistent with the existing character of the neighborhood:

*Agree, be consistent with the existing character of the neighborhood;
and*

- b. not effectively undermine the ability to apply or enforce the requirement with respect to other properties:

Agree, not effectively undermine the ability to apply or enforce the requirement with respect to other properties; and

- c. be in harmony with the general purpose and intent of the provisions of this Ordinance proscribing the requirement:

Agree, be in harmony with the general purpose and intent of the provisions of this Ordinance; and

- d. preserve or enhance the functional values of the stream or other navigable water, shore buffer, wetland, wetland buffer, and/or wetland setback in co-existence with the development (*this finding only applying to an application to improve or enhance a natural resource feature*):

NA

IV. Environmental Commission review of the §15-10.0208B.2.a., b. and c. factors and recommendations as to findings thereon:

- 1. Characteristics of the real property, including, but not limited to, relative placement of improvements thereon with respect to property boundaries or otherwise applicable setbacks:

The size and shape of the proposed building is critical to the internal scope of the business within and critical to the success of their business here in Franklin.

2. Any exceptional, extraordinary, or unusual circumstances or conditions applying to the lot or parcel, structure, use, or intended use that do not apply generally to other properties or uses in the same district:

The steep grades to the North of the existing parking lot would be considered unusual in an industrial park; however, the proposed building design is intended to locate the loading dock to take advantage of the existing steep grades.

3. Existing and future uses of property; useful life of improvements at issue; disability of an occupant:

The proposed improvements to this property are within the permitted use of the industrial park zoning district and will be occupied and used as such for the foreseeable future.

4. Aesthetics:

Much of the improved area within the wetland buffer is intended to promote a visual connection between wetland and occupants of the proposed building.

5. Degree of noncompliance with the requirement allowed by the Special Exception:

None anticipated.

6. Proximity to and character of surrounding property:

This property is within an old, established industrial park.

7. Zoning of the area in which property is located and neighboring area:

M-1 Limited Industrial District.

8. Any negative affect upon adjoining property:

None anticipated.

9. Natural features of the property:

This is an industrial park.

10. Environmental impacts:

None anticipated.

V. Environmental Commission Recommendation:

The Environmental Commission has reviewed the subject Application pursuant to §15-10.0208B. of the Unified Development Ordinance and makes the following recommendation:

1. The recommendations set forth in Sections III. and IV. Above are incorporated herein.
2. The Environmental Commission recommends approval of the Application upon the aforesaid recommendations for the reasons set forth therein.
3. The Environmental Commissions recommends that should the Common Council approve the Application, that such approval be subject to the following conditions:
 - a. Approval of a Natural Resource Special Exception for Krones, Inc. based upon acceptance of site grading plan C1.0. and mitigation of wetland area to be located by pond to the north with Planning staff approval.

The above review and recommendation was passed and adopted at a regular meeting of the Environmental Commission of the City of Franklin on the 29th day of November, 2017.

Dated this ____ day of _____, 2017.

Wesley Cannon, Chairman

Attest:

Arthur Skowron, Vice-Chairman

Exhibit D



2746 South 166th Street
New Berlin, WI 53151

262.786.4640 P
262.786.4675 F

andersonashton.com

PROPERTY LEGAL DESCRIPTION

The legal description of the property for the proposed KRONES Training Facility Building:
Parcel 1 of Certified Survey Map No. 4543 and Parcel 1 of 4695 in the Northwest 1/4 of the
Northwest 1/4 of Section 26, Town 5 North, Range 21 East, in the City of Franklin, Milwaukee
County, Wisconsin