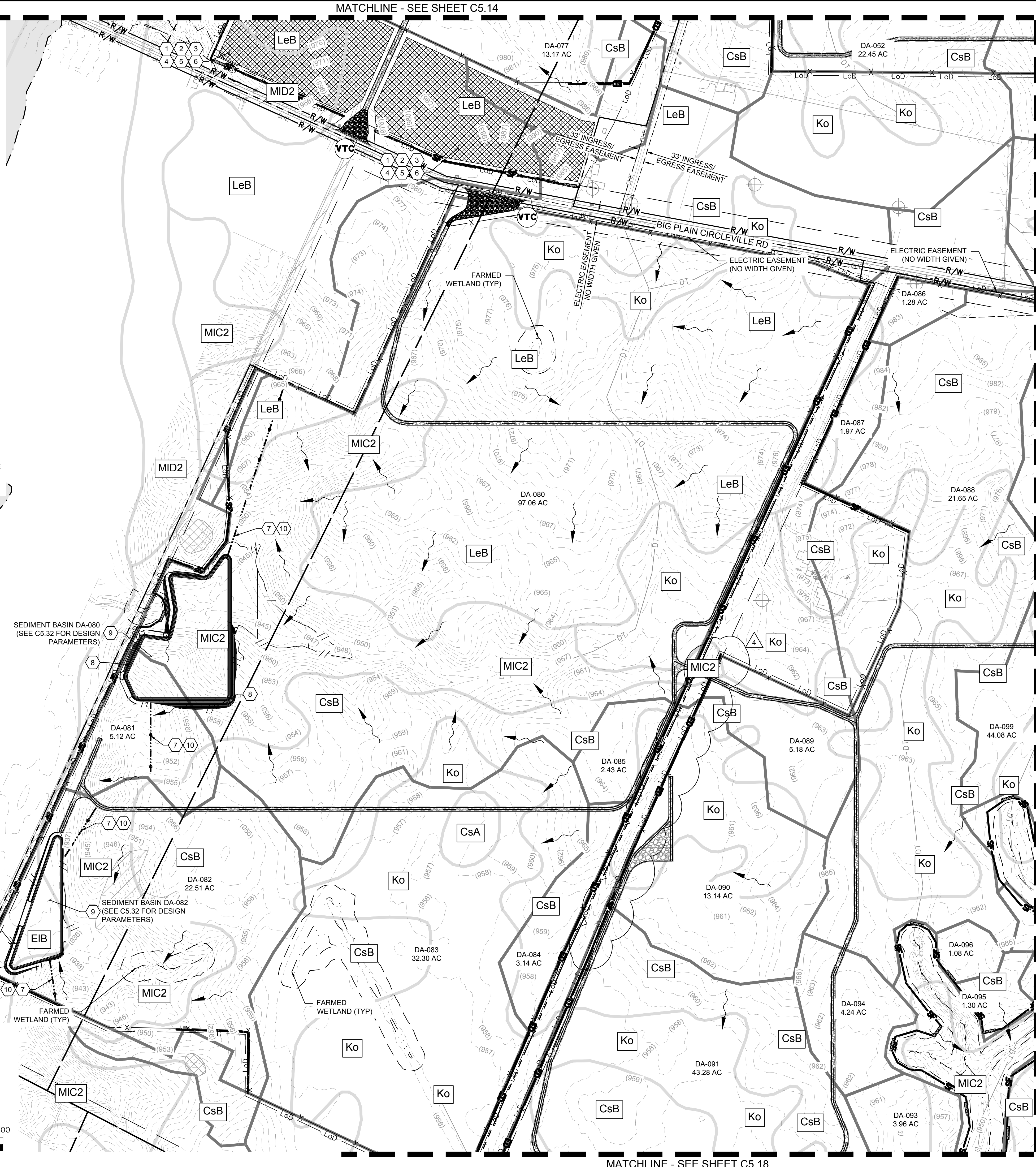
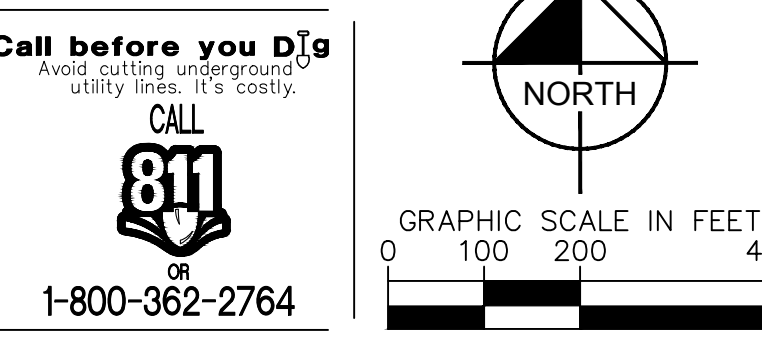
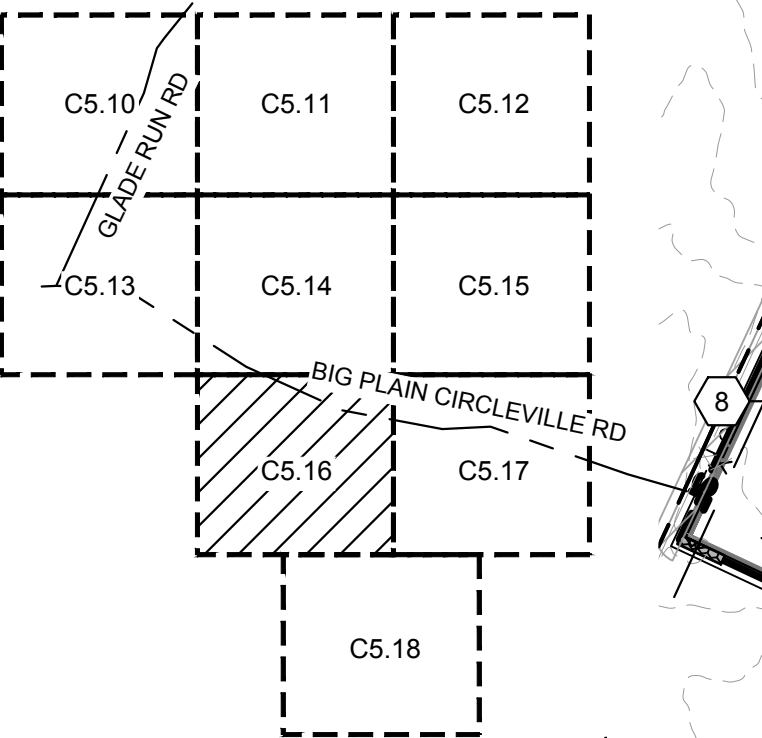


CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: z006, Job: Sheet: Sst-Kim, Layout: C5.16, July 07, 2022, 05:46:36pm, K:\AV\_Civil\19207028-Big Plain Solar\CAD\PlanSheets\ESC\_interim\_BigPlain.dwg  
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SOILS LEGEND	
CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES	CrA
CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
CROSBY-LEWISBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	CsB
ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
LEWISBURG-CELINA SILT LOAM, 2 TO 6 PERCENT SLOPES	LeB
MIAMIAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MIB
MIAMIAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	MIC2
MIAMIAN SILT LOAM, 12 TO 18 PERCENT SLOPES, ERODED	MID2
MIAMIAN-ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MnB
MIAMIAN-ELDEAN SILT LOAM, 6 TO 10 PERCENT SLOPES, ERODED	MnC2
PATTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Pa
THACKERY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	ThA

\*SOIL GROUPS PROVIDED BY THE CUSTOM SOIL RESOURCE REPORT FOR MADISON COUNTY, OHIO, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, DATED 02/17/2022.

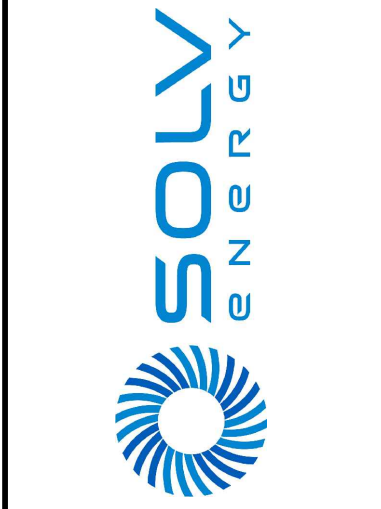


LEGEND	
—	SURVEY LINE
---	RIGHT OF WAY LINE
- - - -	PROPERTY LINE
- . - . - .	LEASE LINE
- - - - -	TOWNSHIP LINE
- - - - -	SETBACK
(XXXX)	EXISTING CONTOUR
- - - - -	EASEMENT LINE
	CONSERVATION EASEMENT
- - - - -	EXISTING TELEPHONE LINE
- - - - -	EXISTING OVERHEAD POWER LINE
- - - - -	EXISTING FENCE
- - - - -	EXISTING DRAIN TILE MAIN
⊕	EXISTING GROUNDWATER WELL
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	NESTING AREA
	ARCHAEOLOGICAL RESOURCE AREA
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---	LIMITS OF DRAINAGE AREA
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	EXISTING EARTH DIKE
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---	WETLAND BUFFER
---	APPROXIMATE CIVIL LIMIT OF WORK

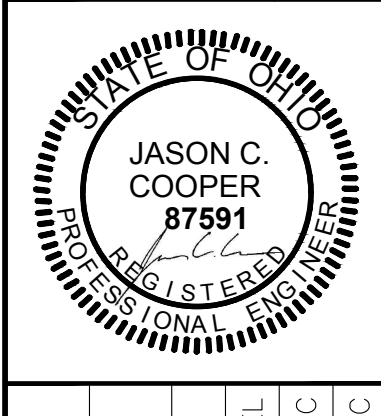
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- BMPs ARE SHOWN SCHEMATICALLY HEREON; FOR PRECISE LOCATION REFER TO DETAILS OR CONSULT ENGINEER.
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    - G. OTHER APPROPRIATE BEST MANAGEMENT PRACTICES
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3	REVISION 3	06/03/2022
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 PHONE: (614) 454-6699  
 WWW.KIMLEY-HORN.COM



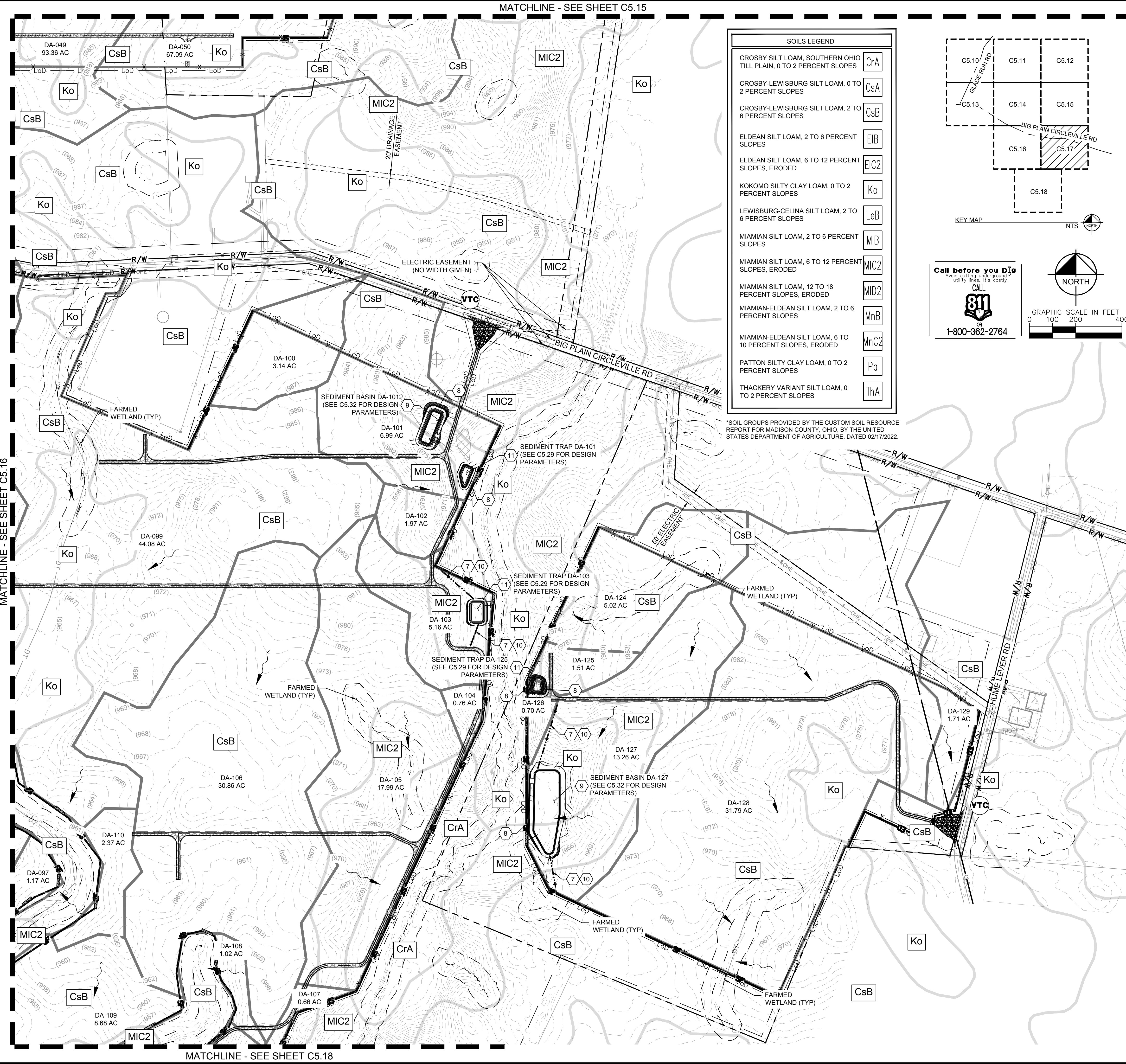
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
19207028	07/08/2022	AS SHOWN	NEL	AMC	JCC

**EROSION CONTROL PLAN - INTERIM PHASE**

**196 MWAC BIG PLAIN CIRCLEVILLE RD SOLAR PROJECT**  
 MADISON COUNTY, OH  
 SHEET NUMBER  
**C5.16**

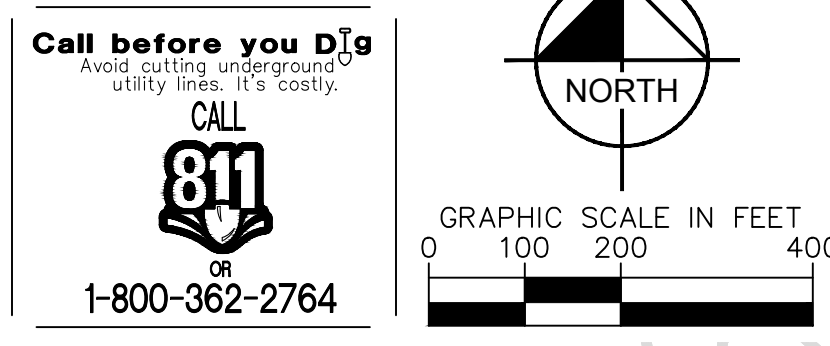
CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: zdoe, Job Sheet Set: kha, Layout: C5.17, July 07, 2022, 05:46:56pm, K:\AV\_Civil\192017028-Big Plain Solar\CAD\PlanSheets\ESC\_interim.dwg  
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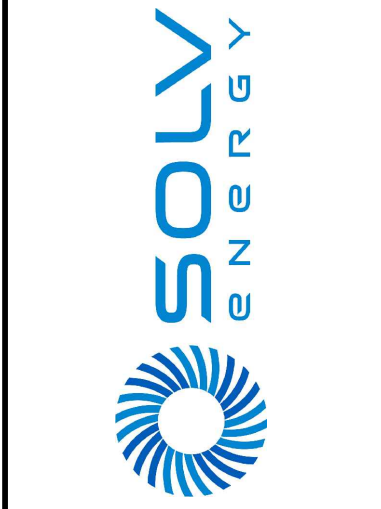


LEGEND	
(Solid line)	SURVEY LINE
(Dashed line)	RIGHT OF WAY LINE
(Dotted line)	PROPERTY LINE
(Long dashed line)	LEASE LINE
(Short dashed line)	TOWNSHIP LINE
(Line with 'X' marks)	SETBACK
(Line with 'XXXX')	EXISTING CONTOUR
(Line with 'T' marks)	EASEMENT LINE
(Line with 'T' marks)	EXISTING TELEPHONE LINE
(Line with 'OHE' marks)	EXISTING OVERHEAD POWER LINE
(Line with 'DT' marks)	EXISTING FENCE
(Line with 'X' marks)	EXISTING DRAIN TILE MAIN
(Line with 'X' marks)	EXISTING GROUNDWATER WELL
(Line with 'X' marks)	PROPOSED SECURITY FENCE
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(Line with 'X' marks)	FEMA FLOOD ZONE
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(Line with 'X' marks)	ARCHAEOLOGICAL RESOURCE AREA
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(Line with 'X' marks)	LIMITS OF DRAINAGE AREA
(Line with 'VTC' marks)	EXISTING VEHICLE TRACKING CONTROL
(Line with 'X' marks)	AREA OF TEMPORARY SEEDING (SEE NOTE 6)
(Line with 'SF' marks)	EXISTING SILT FENCE
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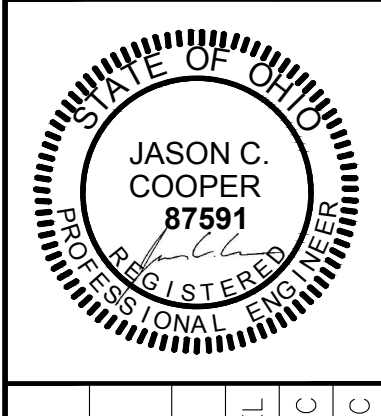
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KHA PROJECT	DATE
192017028	07/08/2022

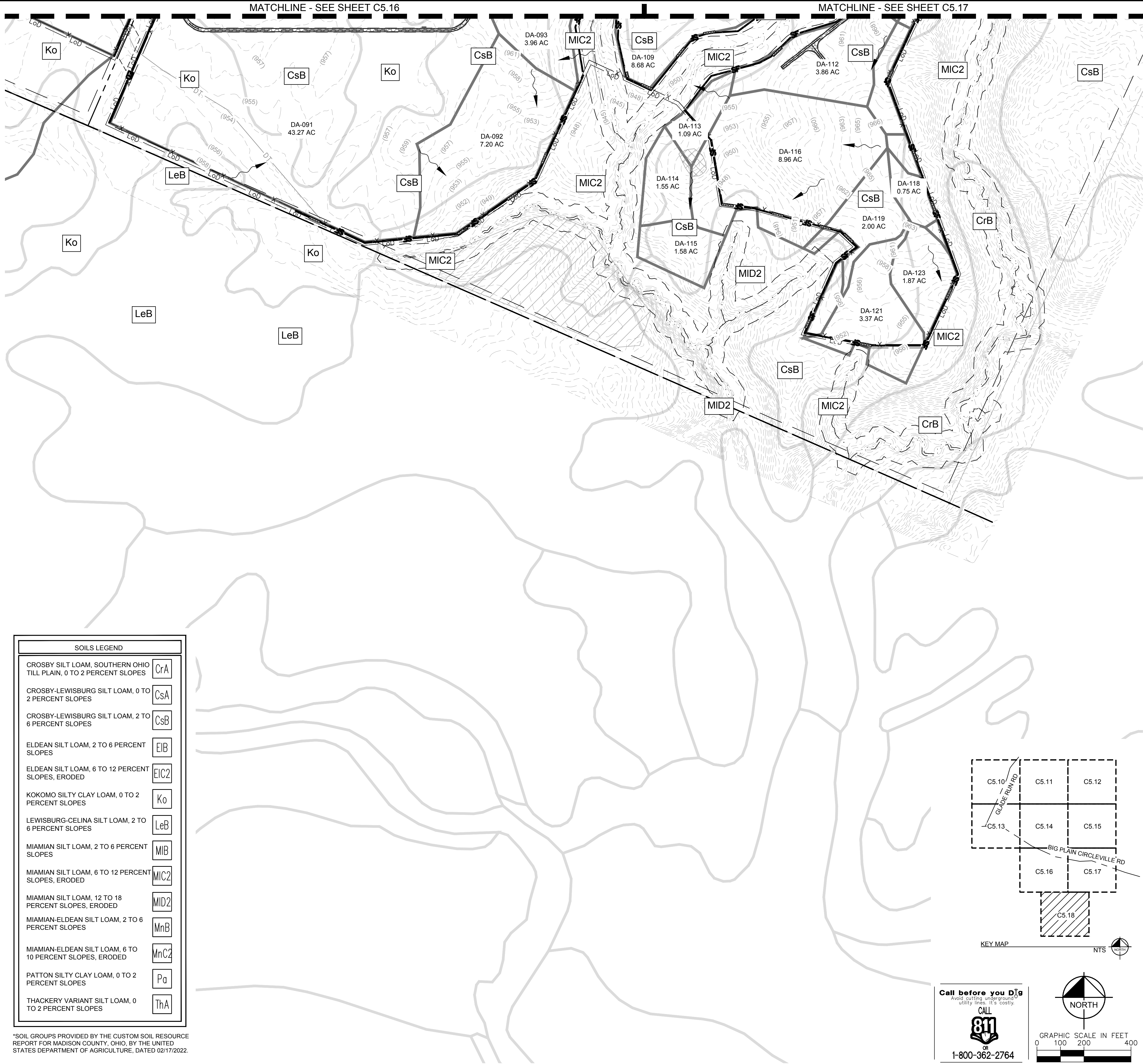
**EROSION CONTROL PLAN - INTERIM PHASE**

**196 MWAC BIG PLAIN CIRCLEVILLE RD SOLAR PROJECT**  
 MADISON COUNTY, OH

SHEET NUMBER  
**C5.17**

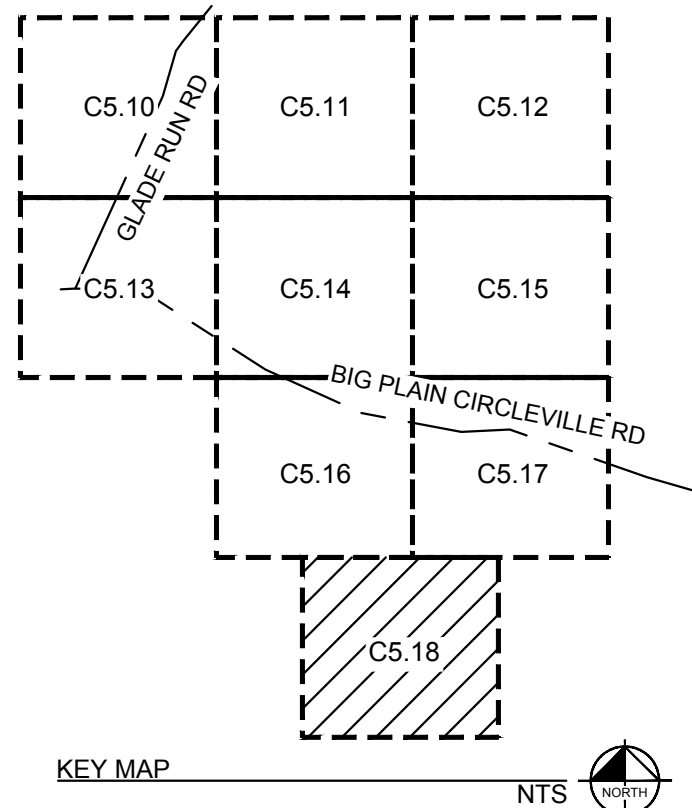
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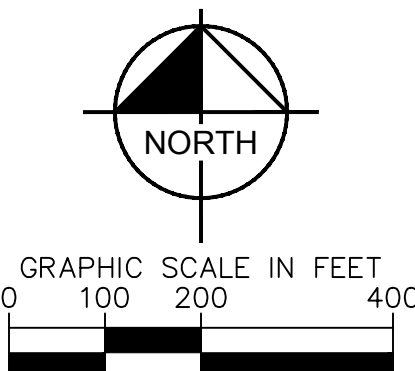


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ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EiC2
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Call before you Dig  
 Avoid cutting underground utility lines: it's costly.  
 CALL 811  
 or  
 1-800-362-2764



### LEGEND

- SURVEY LINE
- R/W RIGHT OF WAY LINE
- PROPERTY LINE
- LEASE LINE
- TOWNSHIP LINE
- SETBACK
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  - CONTRACTOR SHALL PLACE FIBER ROLLS IN AREAS WITH DRAINAGE VELOCITIES GREATER THAN 2 FEET/SECOND.
  - CONTRACTOR SHALL TEMPORARILY STABILIZE AREAS OF DISTURBANCE WITHIN 7 DAYS AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES IF AN AREA IS TO LIE DORMANT LONGER THAN 14 DAYS. TEMPORARY STABILIZATION MEASURES INCLUDE BUT ARE NOT LIMITED TO: HYDROSEEDING WITH AN APPROVED SITE SPECIFIC SEED MIXTURE, HYDROMULCH AND EROSION CONTROL BLANKETS.
  - CONTRACTOR TO PERMANENTLY STABILIZE AREAS OF DISTURBANCE AT THE EARLIEST TIME POSSIBLE AND WITHIN 7 DAYS AFTER THE COMPLETION OF FINAL CONSTRUCTION ACTIVITIES. TEMPORARY STABILIZATION MEASURES INCLUDE, BUT ARE NOT LIMITED TO: HYDROSEEDING WITH AN APPROVED SITE SPECIFIC SEED MIXTURE, HYDROMULCH AND EROSION CONTROL BLANKETS.
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  - CONTRACTOR SHALL MONITOR LOCAL WEATHER FORECASTS AND HAVE ENHANCED BMP MEASURES INSTALLED PRIOR TO ANY QUALIFYING STORM EVENT.
  - IN AREAS OF TOP SOIL SALVAGE, CONTRACTOR SHALL PLACE TOPSOIL IN STOCKPILES WITH APPROPRIATE BMPs. REFER TO DETAIL 3, SHEET C5.28.
  - WHERE SILT FENCE AND EARTH DIKE ARE INSTALLED ADJACENT TO ONE ANOTHER, SILT FENCE SHALL OVERLAP EARTH DIKE A MINIMUM OF 10 FEET.
  - CONTRACTOR SHALL HAVE ADDITIONAL BMPs STOCKPILED ON SITE IN PREPARATION FOR POTENTIAL STORM EVENTS. CONTRACTOR SHALL MONITOR WEATHER PATTERNS AND ENSURE SITE IS PROPERLY STABILIZED WITH APPROPRIATE BMP MEASURES PRIOR TO ANY STORM EVENT.
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	REVISION 4	07/08/2022	DATE
	REVISION 3	06/03/2022	
	REVISION 2	06/04/2022	
	REVISION 1	04/20/2022	
			NO. REVISIONS
© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 NORTH HIGH STREET SUITE 200, COLUMBUS, OH 43235 PHONE: (614) 454-6699 WWW.KIMLEY-HORN.COM			DATE
KHA PROJECT 192017028 DATE 07/08/2022 SCALE AS SHOWN DESIGNED BY NEL DRAWN BY AMC CHECKED BY JCC			
EROSION CONTROL PLAN - INTERIM PHASE			
196 MWAC BIG PLAIN SOLAR PROJECT MADISON COUNTY, OH			
SHEET NUMBER C5.18			

CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: z006, Job: Sheet Set: kha Layout: C5.19 July 07, 2022 05:47:36pm K:\A\001\192017028-Big Plain Solar\CAD\Drawings\ESC-Final\_BigPlain.dwg  
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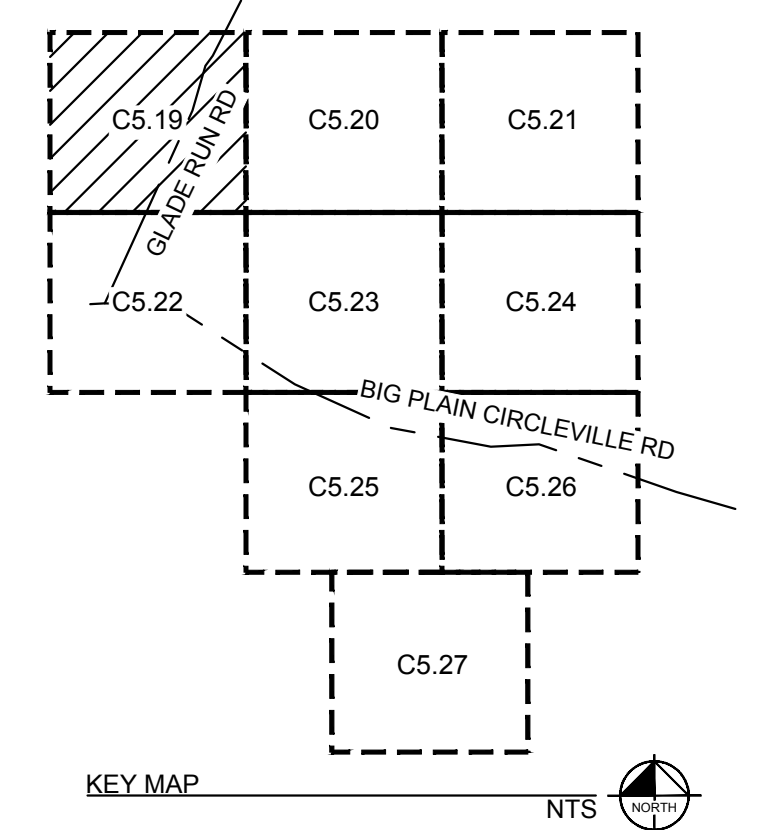
SOILS LEGEND	
CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES	CrA
CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
CROSBY-LEWISBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	CsB
ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
LEWISBURG-CELINA SILT LOAM, 2 TO 6 PERCENT SLOPES	LeB
MIAMIAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MIB
MIAMIAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	MIC2
MIAMIAN SILT LOAM, 12 TO 18 PERCENT SLOPES, ERODED	MID2
MIAMIAN-ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MnB
MIAMIAN-ELDEAN SILT LOAM, 6 TO 10 PERCENT SLOPES, ERODED	MnC2
PATTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Pa
THACKERY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	ThA

\*SOIL GROUPS PROVIDED BY THE CUSTOM SOIL RESOURCE REPORT FOR MADISON COUNTY, OHIO, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, DATED 02/17/2022.

LEGEND	
	SURVEY LINE
	RIGHT OF WAY LINE
	PROPERTY LINE
	LEASE LINE
	TOWNSHIP LINE
	SETBACK
	EXISTING CONTOUR
	PROPOSED CONTOUR
	DAYLIGHT LINE
	EASEMENT LINE
	CONSERVATION EASEMENT
	EXISTING TELEPHONE LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING FENCE
	EXISTING DRAIN TILE MAIN
	EXISTING GROUNDWATER WELL
	PROPOSED SECURITY FENCE
	PROPOSED AGGREGATE ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED MATERIAL LAYDOWN AREA
	PROPOSED ARRAY BLOCK OUTLINE
	FEMA FLOOD ZONE
	NESTING AREA
	ARCHAEOLOGICAL RESOURCE AREA
	LIMITS OF SOIL TYPE
	LIMITS OF DRAINAGE AREA
	EXISTING VEHICLE TRACKING CONTROL
	AREA OF TEMPORARY SEEDING (SEE NOTE 6)
	EXISTING SILT FENCE
	EXISTING EARTH DIKE
	PROPOSED FIBER ROLL
	WETLAND
	WETLAND BUFFER
	APPROXIMATE CIVIL LIMIT OF WORK

- EROSION CONTROL NOTES:**
- VEHICLE STORAGE LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
  - MATERIAL DELIVERY AND STORAGE LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY), SEE DETAIL 3, SHEET C5.28
  - TEMPORARY WASTE AND SANITARY LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
  - VEHICLE FUELING LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
  - TEMPORARY CONSTRUCTION PARKING LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
  - TEMPORARY CONSTRUCTION TRAILER LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
  - INSTALL EROSION CONTROL BLANKET PER DETAIL 1 SHEET C5.29
  - APPROXIMATE BORE PIT LOCATION, SEE DETAIL 4, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
  - APPROXIMATE BORE PIT TAILINGS LOCATION, SEE DETAIL 5, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
  - INSTALL FIBER ROLL PER DETAIL 3, SHEET C5.30

- GENERAL EROSION CONTROL NOTES:**
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  - CONTRACTOR SHALL PROVIDE, MAINTAIN, AND INDICATE ON THIS PLAN:
    - A. VEHICLE WASH AREA
    - B. CONTAINER AND MATERIALS STORAGE AREA
    - C. FUELING AREA
    - D. STOCKPILE LOCATIONS
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    - G. OTHER APPROPRIATE BEST MANAGEMENT PRACTICES
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Call before you Dig  
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 or 1-800-362-2764

GRAPHIC SCALE IN FEET  
 0 100 200 400

NORTH

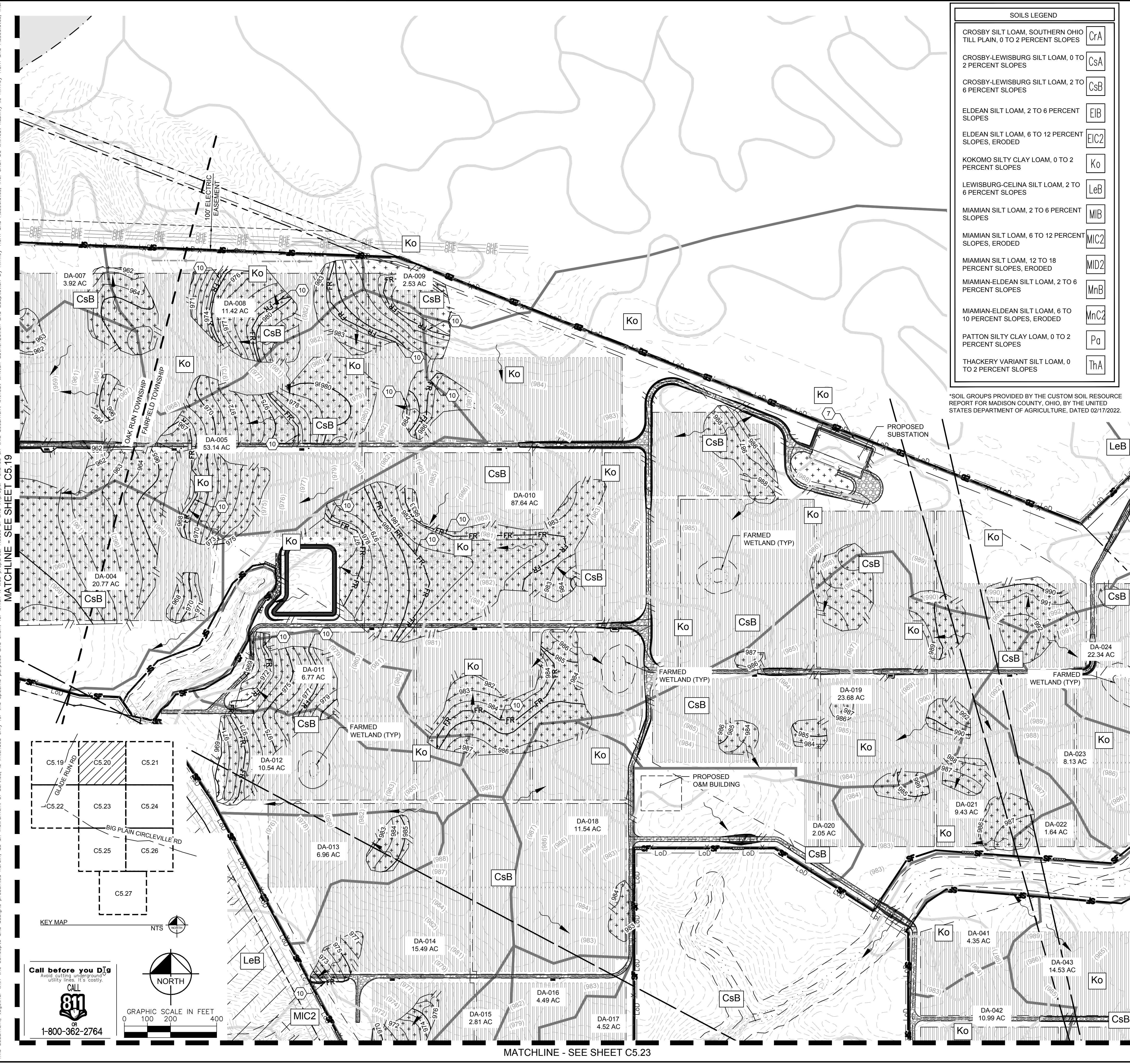
MATCHLINE - SEE SHEET C5.22

 © 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 NORTH HIGH STREET SUITE 200, COLUMBUS, OH 43235 PHONE: (614) 454-6699 WWW.KIMLEY-HORN.COM	KHA PROJECT 192017028	DATE 07/08/2022	SCALE AS SHOWN	DESIGNED BY NEL	DRAWN BY AMC	CHECKED BY JCC
	<b>EROSION CONTROL PLAN - FINAL PHASE</b>					
	<b>196 MWAC BIG PLAIN SOLAR PROJECT</b> MADISON COUNTY, OH					
	SHEET NUMBER <b>C5.19</b>					

REVISION 4	07/08/2022	DATE
REVISION 3	06/03/2022	
REVISION 2	04/29/2022	
REVISION 1	04/20/2022	

CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: 2022\_07\_07\_07\_07\_2022\_05:47:52pm K:\AV\_Civil\192017028-Big Plain Solar\CAD\PlanSheets\ESC-Final\_BigPlain.dwg  
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SOILS LEGEND	
CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES	CrA
CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
CROSBY-LEWISBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	CsB
ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
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\*SOIL GROUPS PROVIDED BY THE CUSTOM SOIL RESOURCE REPORT FOR MADISON COUNTY, OHIO, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, DATED 02/17/2022.

LEGEND	
---	SURVEY LINE
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---	EXISTING EARTH DIKE
---	PROPOSED FIBER ROLL
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---	WETLAND BUFFER
---	APPROXIMATE CIVIL LIMIT OF WORK

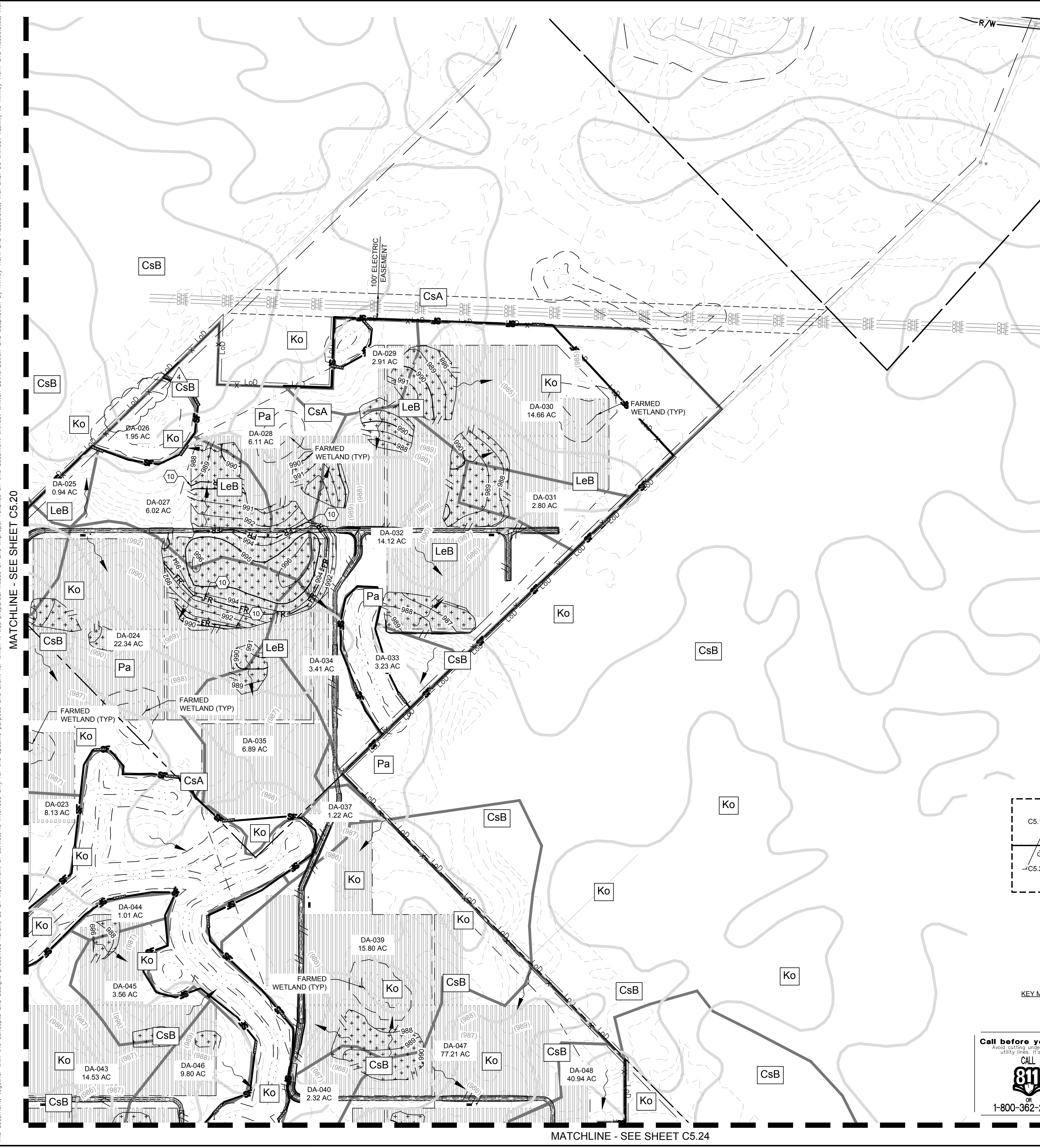
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	REVISION 1 04/20/2022	DATE
KHA PROJECT: 192017028 DATE: 07/08/2022 SCALE: AS SHOWN DESIGNED BY: NEL DRAWN BY: AMC CHECKED BY: JCC		
EROSION CONTROL PLAN - FINAL PHASE		
196 MWAC BIG PLAIN SOLAR PROJECT MADISON COUNTY, OH		
SHEET NUMBER <b>C5.20</b>		

CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

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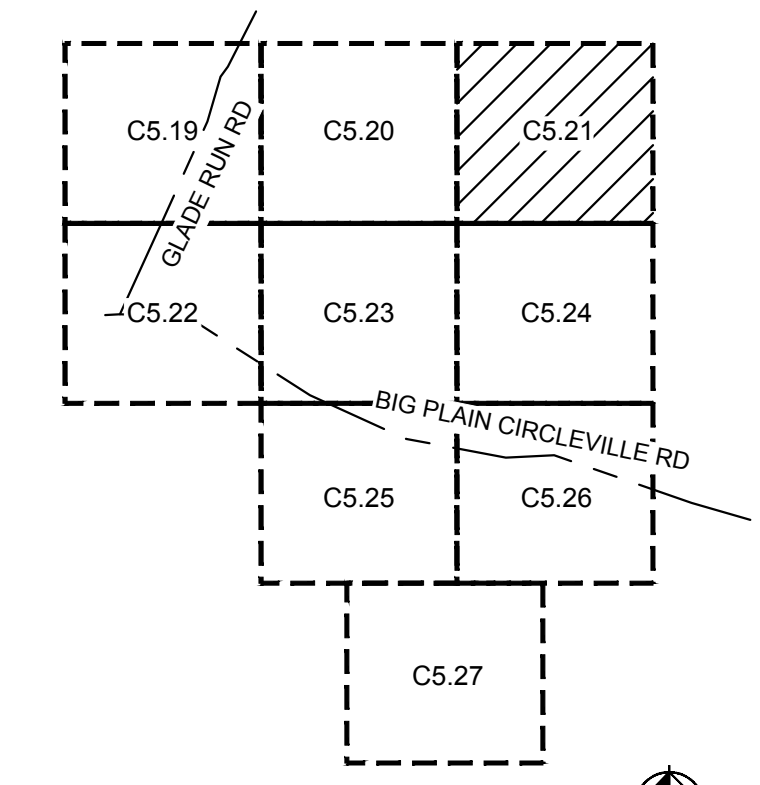
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LEGEND	
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GRAPHIC SCALE IN FEET  
 0 100 200 400

NORTH

KHA PROJECT 192017028	DATE	07/08/2022	REVISION 4	07/08/2022	DATE
	SCALE	AS SHOWN	REVISION 3	06/03/2022	
	DESIGNED BY	NEL	REVISION 2	06/03/2022	
	DRAWN BY	AMC	REVISION 1	04/29/2022	
CHECKED BY		JCC	REVISIONS		DATE

**EROSION CONTROL PLAN - FINAL PHASE**

196 MWAC  
 BIG PLAIN  
 SOLAR PROJECT

MADISON COUNTY, OH

SHEET NUMBER  
**C5.21**

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 PHONE: (614) 454-6699  
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**SOLV ENERGY**

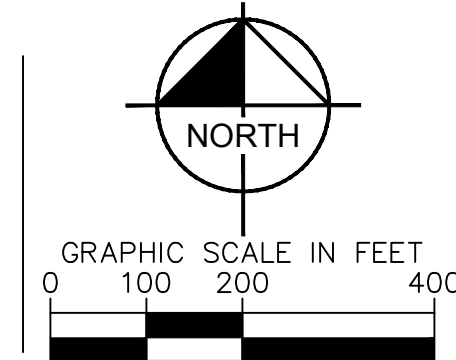
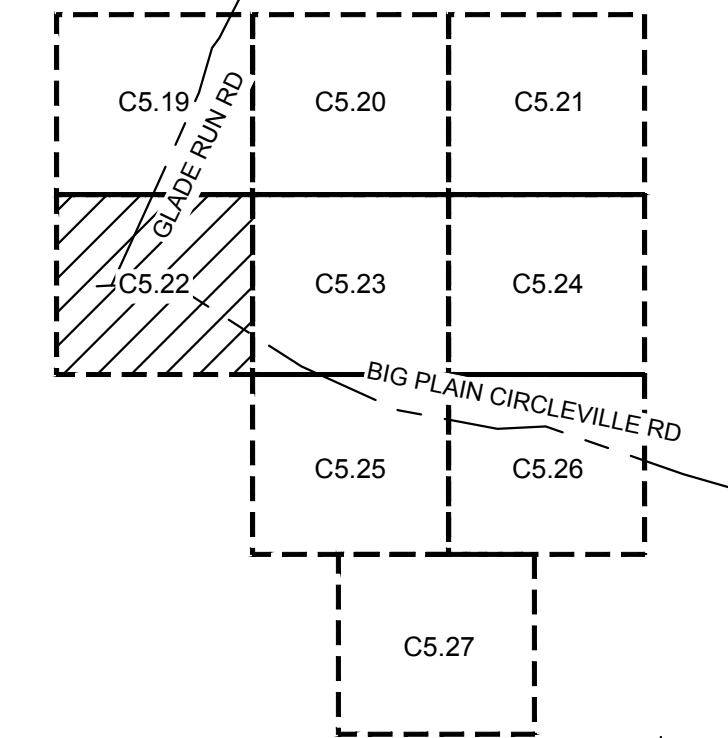
CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: Z006, Jod Sheet Set: K10 Layout: C5.22 July 07, 2022 05:48:32pm K:\VAV\_Civil\192017028-Big Plain Solar\CAO\_VisionSheets\ESC-Final\_BigPlain.dwg  
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MATCHLINE - SEE SHEET C5.19

SOILS LEGEND	
CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES	CrA
CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
CROSBY-LEWISBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	CsB
ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
LEWISBURG-CELINA SILT LOAM, 2 TO 6 PERCENT SLOPES	LeB
MIAMIAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MIB
MIAMIAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	MIC2
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PATTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Pa
THACKERY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	ThA

\*SOIL GROUPS PROVIDED BY THE CUSTOM SOIL RESOURCE REPORT FOR MADISON COUNTY, OHIO, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, DATED 02/17/2022.



MATCHLINE - SEE SHEET C5.23

LEGEND

	SURVEY LINE
	RIGHT OF WAY LINE
	PROPERTY LINE
	LEASE LINE
	TOWNSHIP LINE
	SETBACK
	EXISTING CONTOUR
	PROPOSED CONTOUR
	DAYLIGHT LINE
	EASEMENT LINE
	CONSERVATION EASEMENT
	EXISTING TELEPHONE LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING FENCE
	EXISTING DRAIN TILE MAIN
	EXISTING GROUNDWATER WELL
	PROPOSED SECURITY FENCE
	PROPOSED AGGREGATE ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED MATERIAL LAYDOWN AREA
	PROPOSED ARRAY BLOCK OUTLINE
	FEMA FLOOD ZONE
	NESTING AREA
	ARCHAEOLOGICAL RESOURCE AREA
	LIMITS OF SOIL TYPE
	LIMITS OF DRAINAGE AREA
	EXISTING VEHICLE TRACKING CONTROL
	AREA OF TEMPORARY SEEDING (SEE NOTE 6)
	EXISTING SILT FENCE
	EXISTING EARTH DIKE
	PROPOSED FIBER ROLL
	WETLAND
	WETLAND BUFFER
	APPROXIMATE CIVIL LIMIT OF WORK

EROSION CONTROL NOTES:

- VEHICLE STORAGE LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
- MATERIAL DELIVERY AND STORAGE LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY), SEE DETAIL 3, SHEET C5.28
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- TEMPORARY CONSTRUCTION PARKING LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
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- APPROXIMATE BORE PIT LOCATION, SEE DETAIL 4, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
- APPROXIMATE BORE PIT TAILINGS LOCATION, SEE DETAIL 5, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
- INSTALL FIBER ROLL PER DETAIL 3, SHEET C5.30

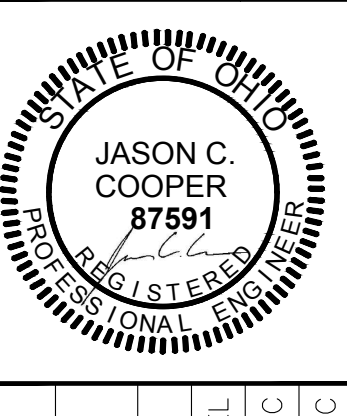
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No.	REVISIONS	DATE
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3	REVISION 3	06/03/2022
2	REVISION 2	04/29/2022
1	REVISION 1	04/20/2022



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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
192017028	07/08/2022	AS SHOWN	NEL	AMC	JCC

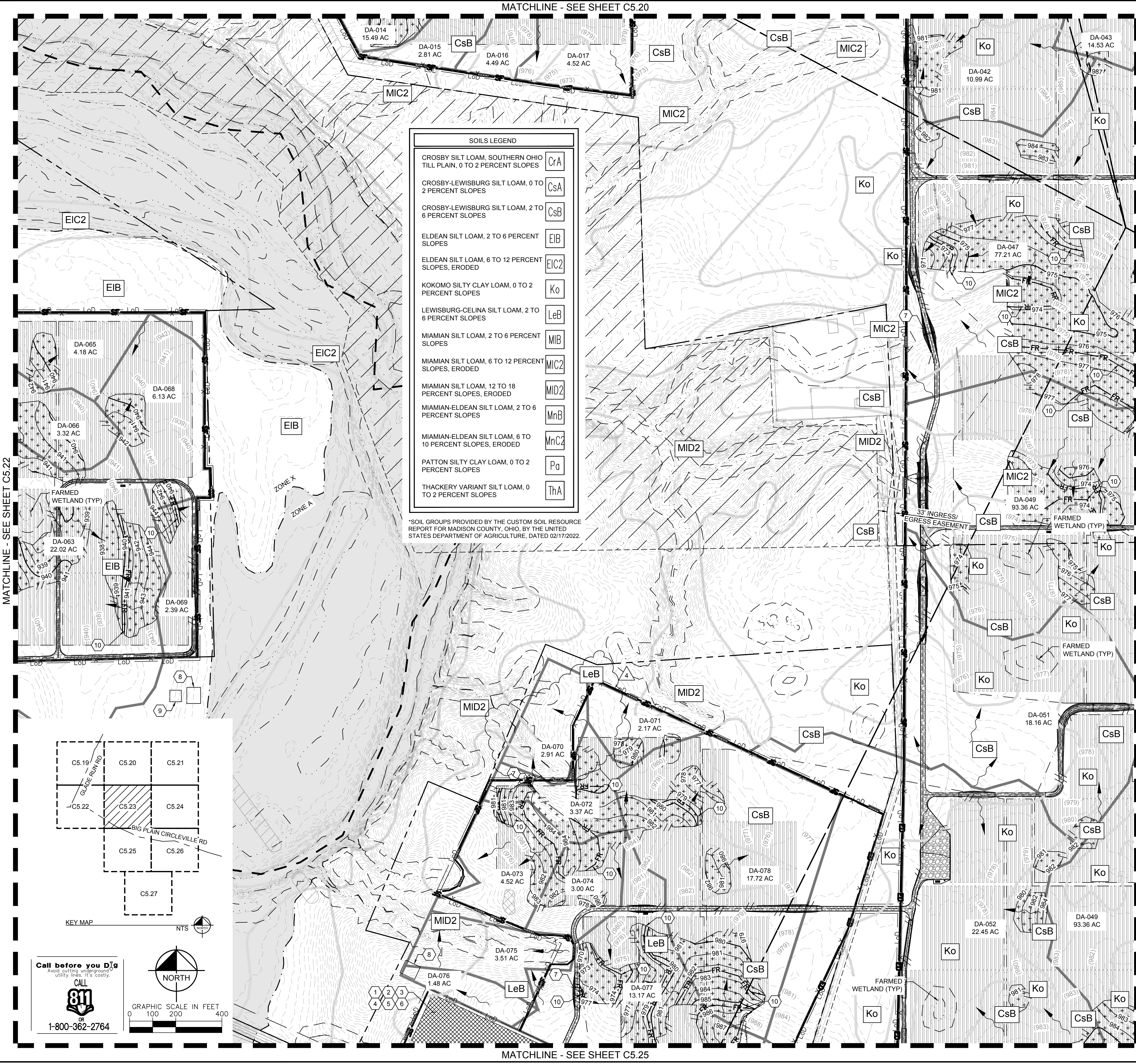
EROSION CONTROL PLAN - FINAL PHASE

196 MWAC  
 BIG PLAIN  
 SOLAR PROJECT  
 MADISON COUNTY, OH

SHEET NUMBER  
**C5.22**

CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

Plotted By: Jod, Jod, Sheet: Set: KHA, Layout: C5.23, July 07, 2022, 05:48:52pm, K:\NAV\_Civil\192017028-Big Plain Solar\CAO\_PlanSheets\ESC-Final\_BigPlain.dwg  
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MATCHLINE - SEE SHEET C5.24

### LEGEND

	SURVEY LINE
	RIGHT OF WAY LINE
	PROPERTY LINE
	LEASE LINE
	TOWNSHIP LINE
	SETBACK
	EXISTING CONTOUR
	PROPOSED CONTOUR
	DAYLIGHT LINE
	EASEMENT LINE
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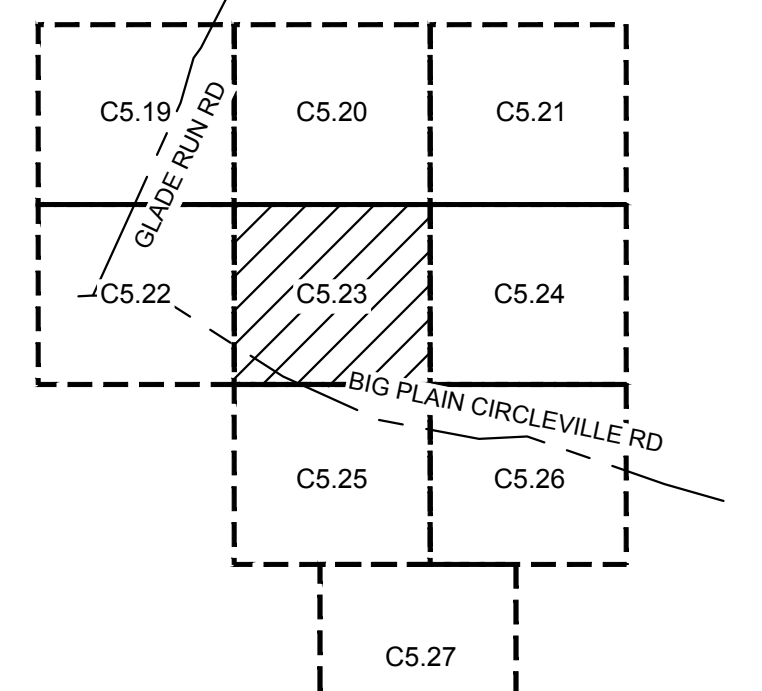
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CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
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ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
LEWISBURG-CELINA SILT LOAM, 2 TO 6 PERCENT SLOPES	LeB
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GRAPHIC SCALE IN FEET  
 0 100 200 400

NTS  
 NORTH

KHA PROJECT	192017028	DATE	07/08/2022	REVISION 4	07/08/2022
SCALE	AS SHOWN	DESIGNED BY	NEL	REVISION 3	06/03/2022
DRAWN BY	AMC	CHECKED BY	JCC	REVISION 2	04/29/2022
				REVISION 1	04/20/2022
				No.	DATE

**EROSION CONTROL PLAN - FINAL PHASE**

**196 MWAC BIG PLAIN SOLAR PROJECT**

MADISON COUNTY, OH

SHEET NUMBER  
**C5.23**

**Kimley-Horn**  
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 WWW.KIMLEY-HORN.COM

**SOLV ENERGY**

**JASON C. COOPER**  
 87591  
 REGISTERED PROFESSIONAL ENGINEER



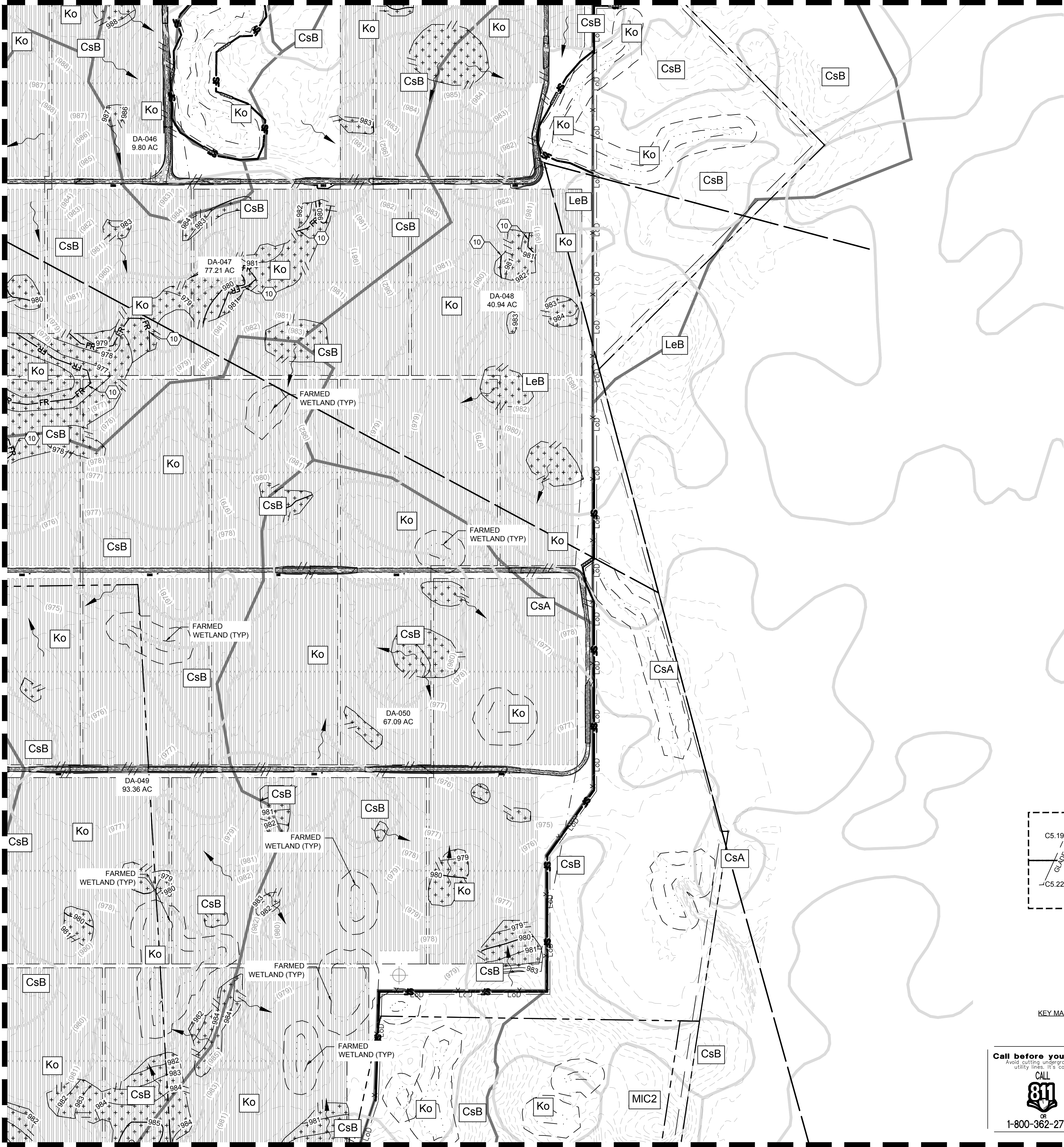
CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

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MATCHLINE - SEE SHEET C5.23

MATCHLINE - SEE SHEET C5.21

MATCHLINE - SEE SHEET C5.26



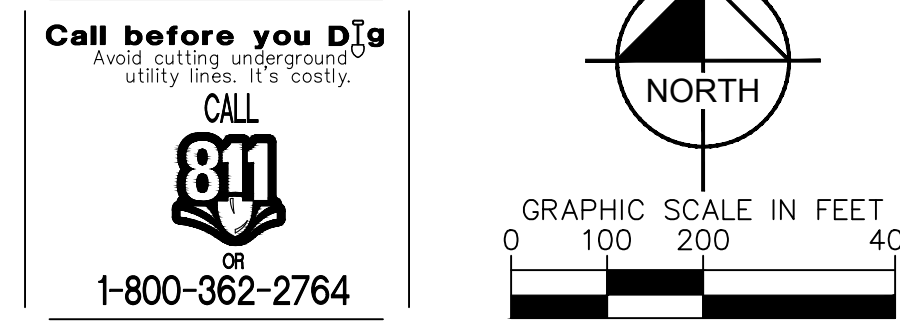
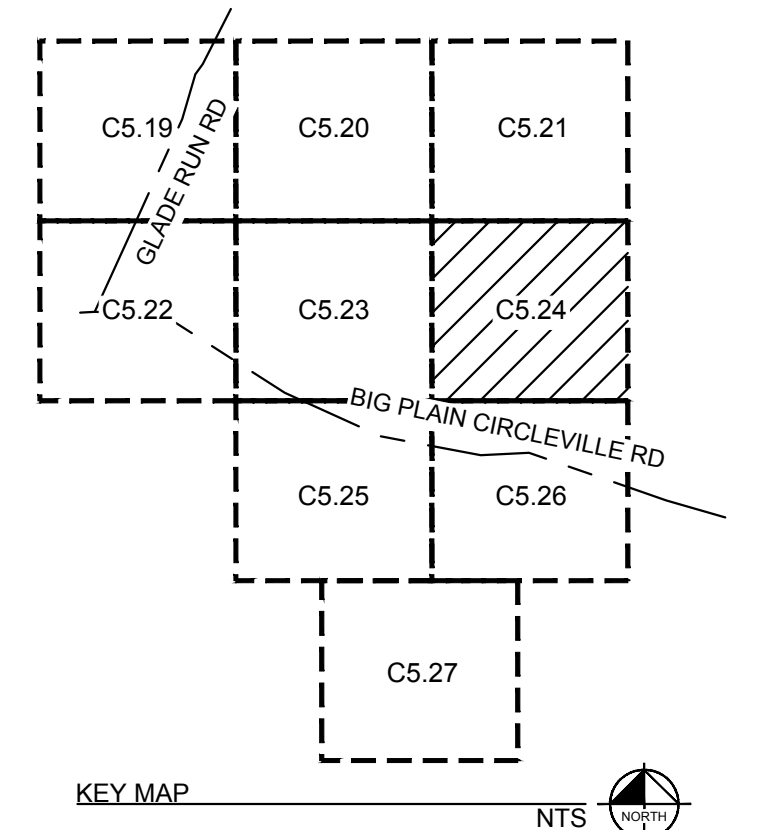
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  - VEHICLE FUELING LOCATION (CONTRACTOR TO DETERMINE EXACT LOCATION AND RELOCATE AS NECESSARY)
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  - APPROXIMATE BORE PIT LOCATION, SEE DETAIL 4, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
  - APPROXIMATE BORE PIT TAILINGS LOCATION, SEE DETAIL 5, SHEET C5.28 (CONTRACTOR TO DETERMINE EXACT LOCATION)
  - INSTALL FIBER ROLL PER DETAIL 3, SHEET C5.30

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    - FUELING AREA
    - STOCKPILE LOCATIONS
    - SANITARY AREA
    - VEHICLE AND EQUIPMENT MAINTENANCE
    - OTHER APPROPRIATE BEST MANAGEMENT PRACTICES
    - SECONDARY CONTAINMENT FOR POTENTIAL SPILLS
  - REFER TO C5.0 SHEET FOR ADDITIONAL GENERAL NOTES.
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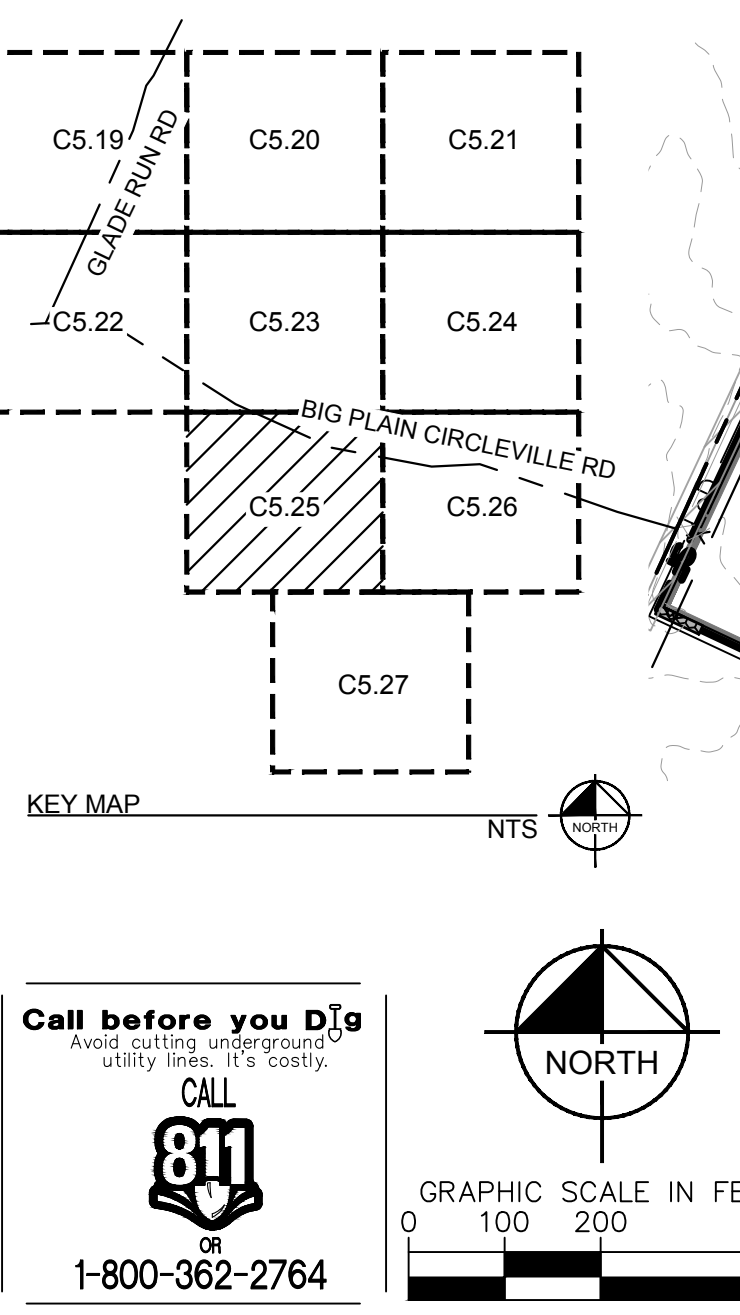
KHA PROJECT 19207028		DATE 07/08/2022		SCALE AS SHOWN		DESIGNED BY NEL		DRAWN BY AMC		CHECKED BY JCC	
KIMLEY-HORN AND ASSOCIATES, INC. 965 NORTH HIGH STREET SUITE 200, COLUMBUS, OH 43235 PHONE: (614) 454-6699 WWW.KIMLEY-HORN.COM		SOLY ENERGY		EROSION CONTROL PLAN - FINAL PHASE		196 MWAC BIG PLAIN		SOLAR PROJECT		MADISON COUNTY, OH	
SHEET NUMBER C5.24		REVISIONS		NO.		DATE					
		4		07/08/2022							
		3		06/03/2022							
		2		04/29/2022							
		1		04/20/2022							

CIVIL IMPROVEMENT PLAN - JULY 8, 2022 - ISSUED FOR CONSTRUCTION

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SOILS LEGEND	
CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES	CrA
CROSBY-LEWISBURG SILT LOAM, 0 TO 2 PERCENT SLOPES	CsA
CROSBY-LEWISBURG SILT LOAM, 2 TO 6 PERCENT SLOPES	CsB
ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	EIB
ELDEAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	EIC2
KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Ko
LEWISBURG-CELINA SILT LOAM, 2 TO 6 PERCENT SLOPES	LeB
MIAMIAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MB
MIAMIAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	MIC2
MIAMIAN SILT LOAM, 12 TO 18 PERCENT SLOPES, ERODED	MID2
MIAMIAN-ELDEAN SILT LOAM, 2 TO 6 PERCENT SLOPES	MnB
MIAMIAN-ELDEAN SILT LOAM, 6 TO 10 PERCENT SLOPES, ERODED	MnC2
PATTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Pa
THACKERY VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	ThA

\*SOIL GROUPS PROVIDED BY THE CUSTOM SOIL RESOURCE REPORT FOR MADISON COUNTY, OHIO, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE, DATED 02/17/2022.



LEGEND	
	SURVEY LINE
	RIGHT OF WAY LINE
	PROPERTY LINE
	LEASE LINE
	TOWNSHIP LINE
	SETBACK
	EXISTING CONTOUR
	PROPOSED CONTOUR
	DAYLIGHT LINE
	EASEMENT LINE
	CONSERVATION EASEMENT
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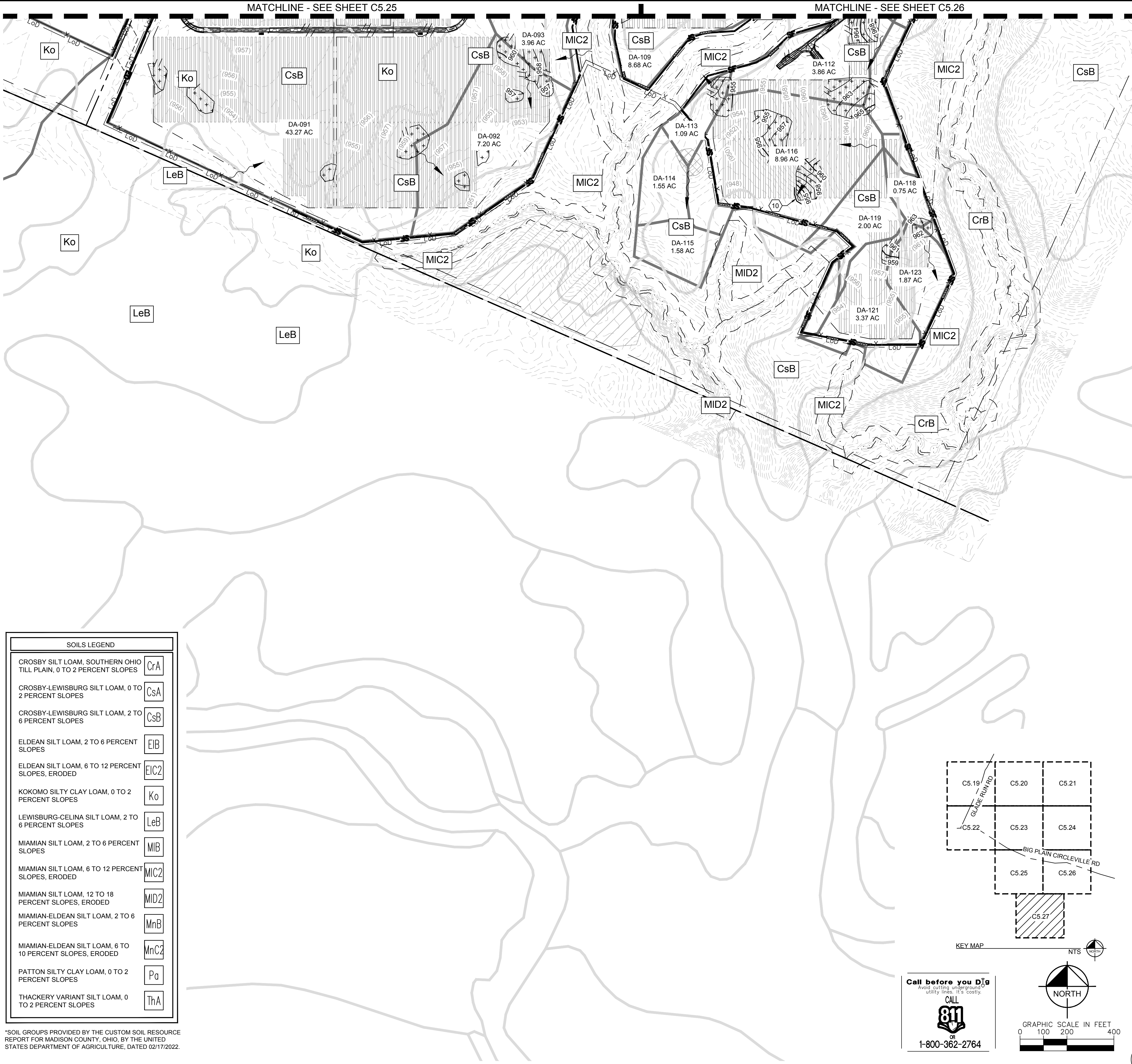
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	REVISION 1 04/20/2022	DATE
KHA PROJECT: 192017028 DATE: 07/08/2022 SCALE: AS SHOWN DESIGNED BY: NEL DRAWN BY: AMC CHECKED BY: JCC		
<b>EROSION CONTROL PLAN - FINAL PHASE</b>		
<b>196 MWAC BIG PLAIN SOLAR PROJECT</b> MADISON COUNTY, OH		
SHEET NUMBER <b>C5.25</b>		



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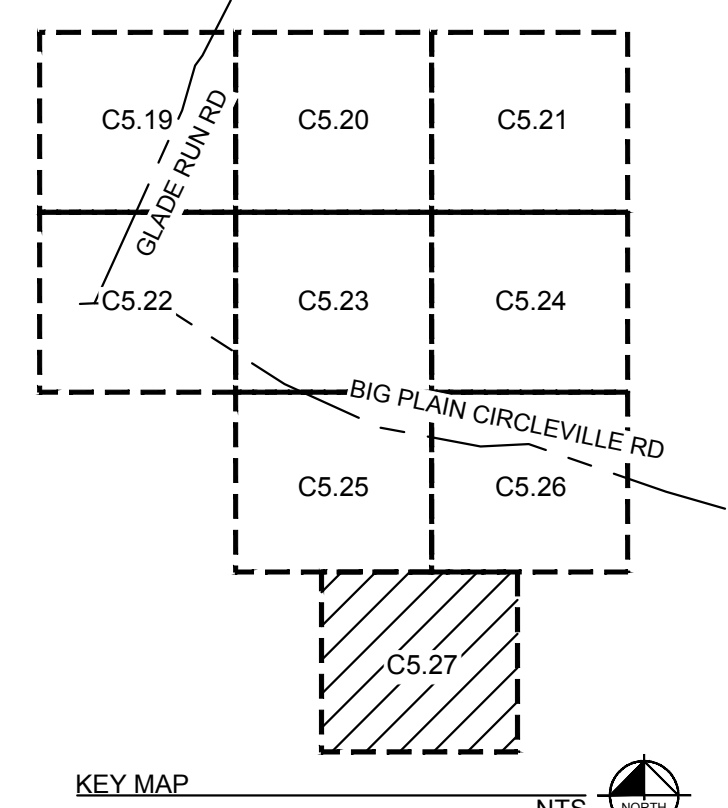
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### LEGEND

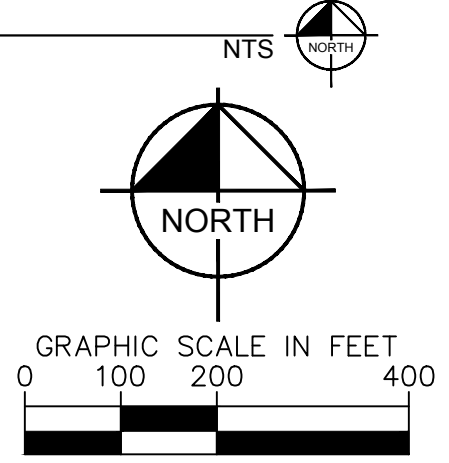
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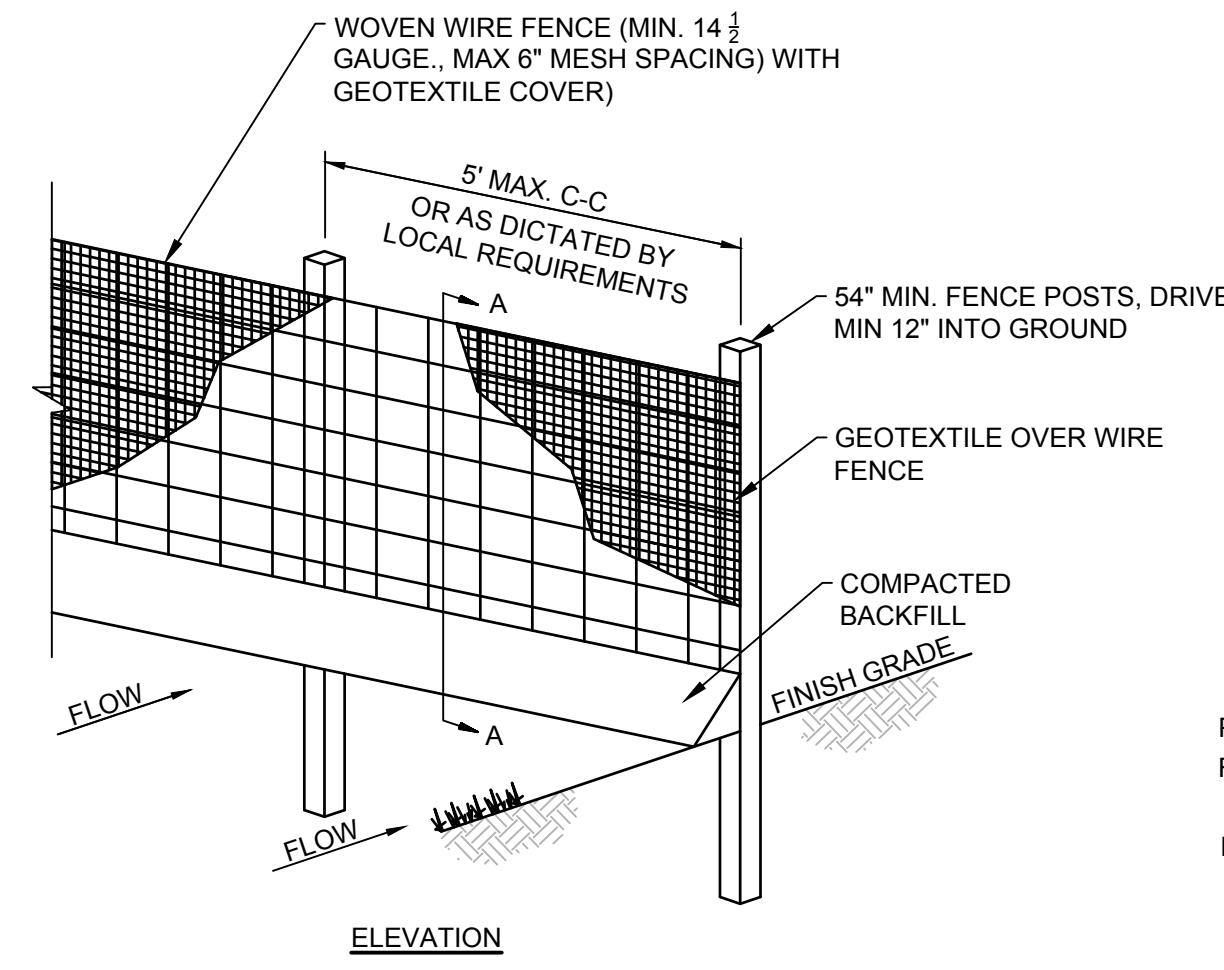
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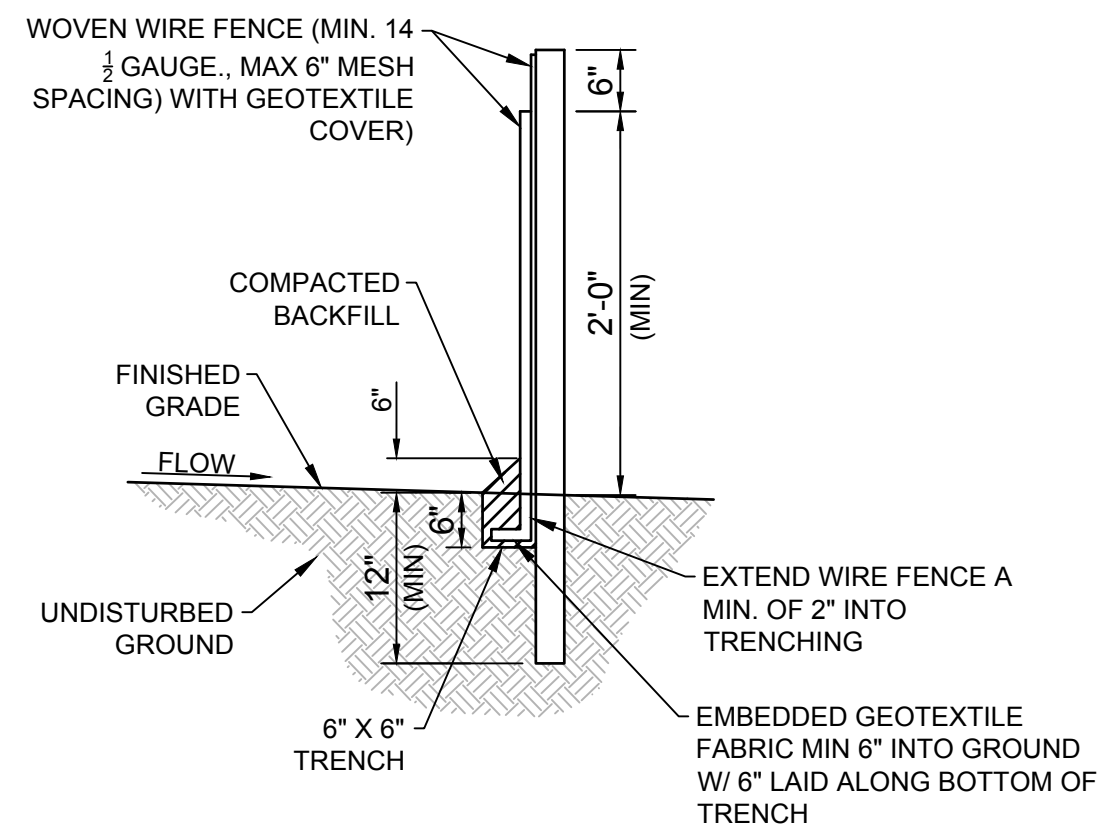
		KHA PROJECT 192017028	DATE 07/08/2022	SCALE AS SHOWN	DESIGNED BY NEL	DRAWN BY AMC	CHECKED BY JCC	
	© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 NORTH HIGH STREET SUITE 200, COLUMBUS, OH 43235 PHONE: (614) 454-6699 WWW.KIMLEY-HORN.COM	EROSION CONTROL PLAN - FINAL PHASE						
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	REVISIONS	No.	REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE

SHEET NUMBER  
**C5.27**

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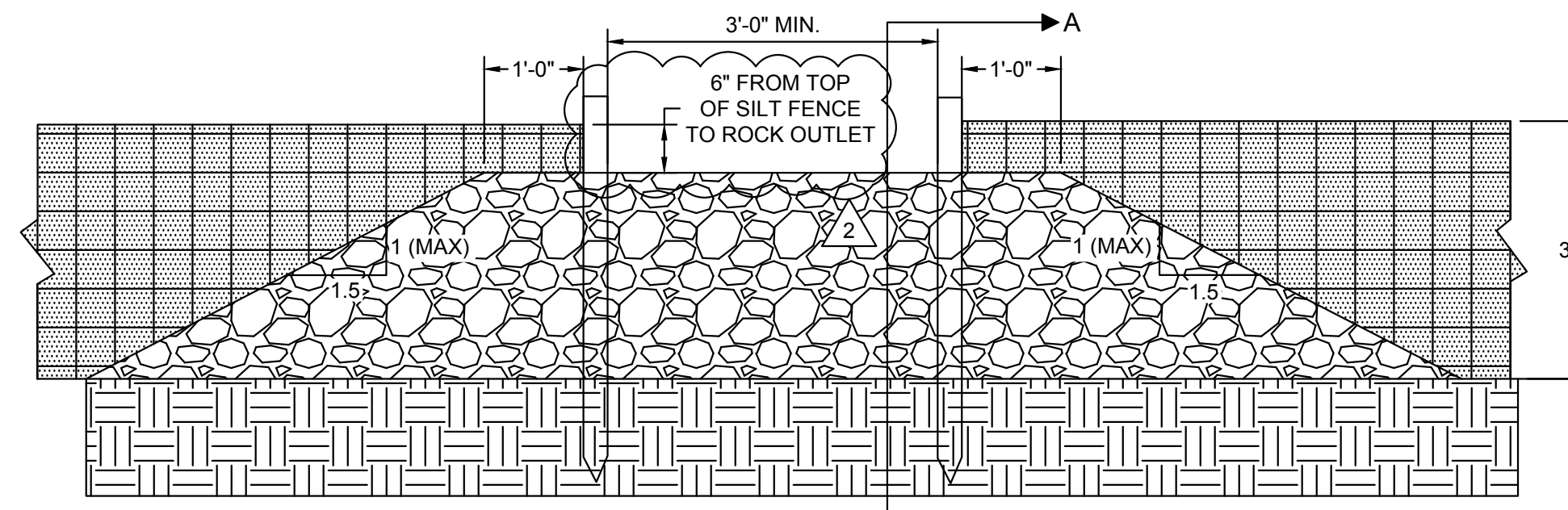


- POSTS: STEEL EITHER T OR U TYPE.  
 FENCE: WOVEN WIRE, 14-1/2 GA. 6" MAX. MESH OPENING
- FABRIC: 1. AMOCO 1198  
 2. BELTECH 810  
 3. MIRAFI 130X  
 4. LING GTF 190  
 5. SI 915 SC
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.
  - GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
  - ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT UNLESS INDICATED OTHERWISE

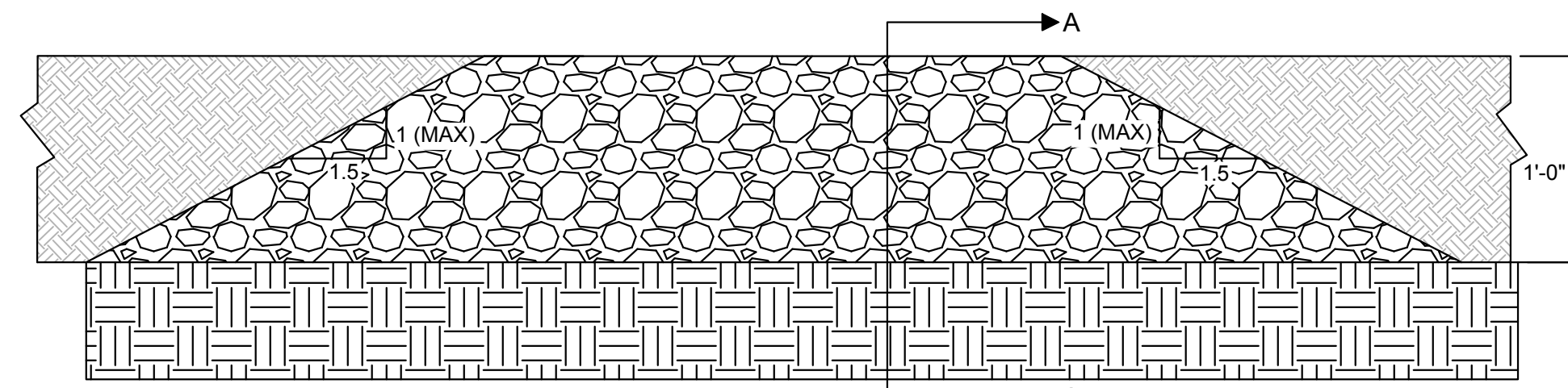


1 SILT FENCE WITH WIRE BACKING DETAIL

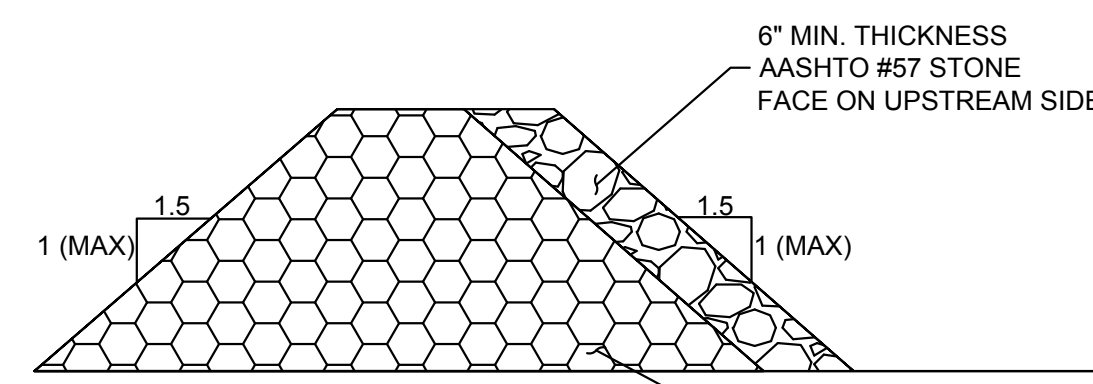
SCALE: NTS



CASE A: SILT FENCE ROCK CHECK



CASE B: EARTH DIKE ROCK CHECK

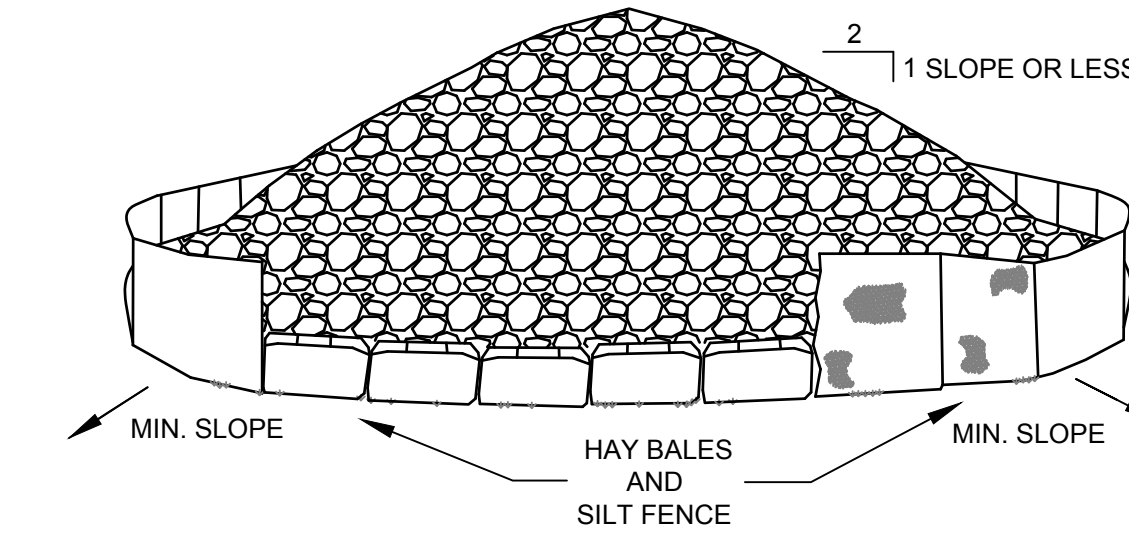


SECTION A-A

- CONSTRUCTION NOTES:
- ADDITIONAL RIP RAP TO BE USED AS NEEDED ACCORDING TO OBSERVED STORMWATER CONDITIONS

2 ROCK OUTLET DETAIL

SCALE: NTS

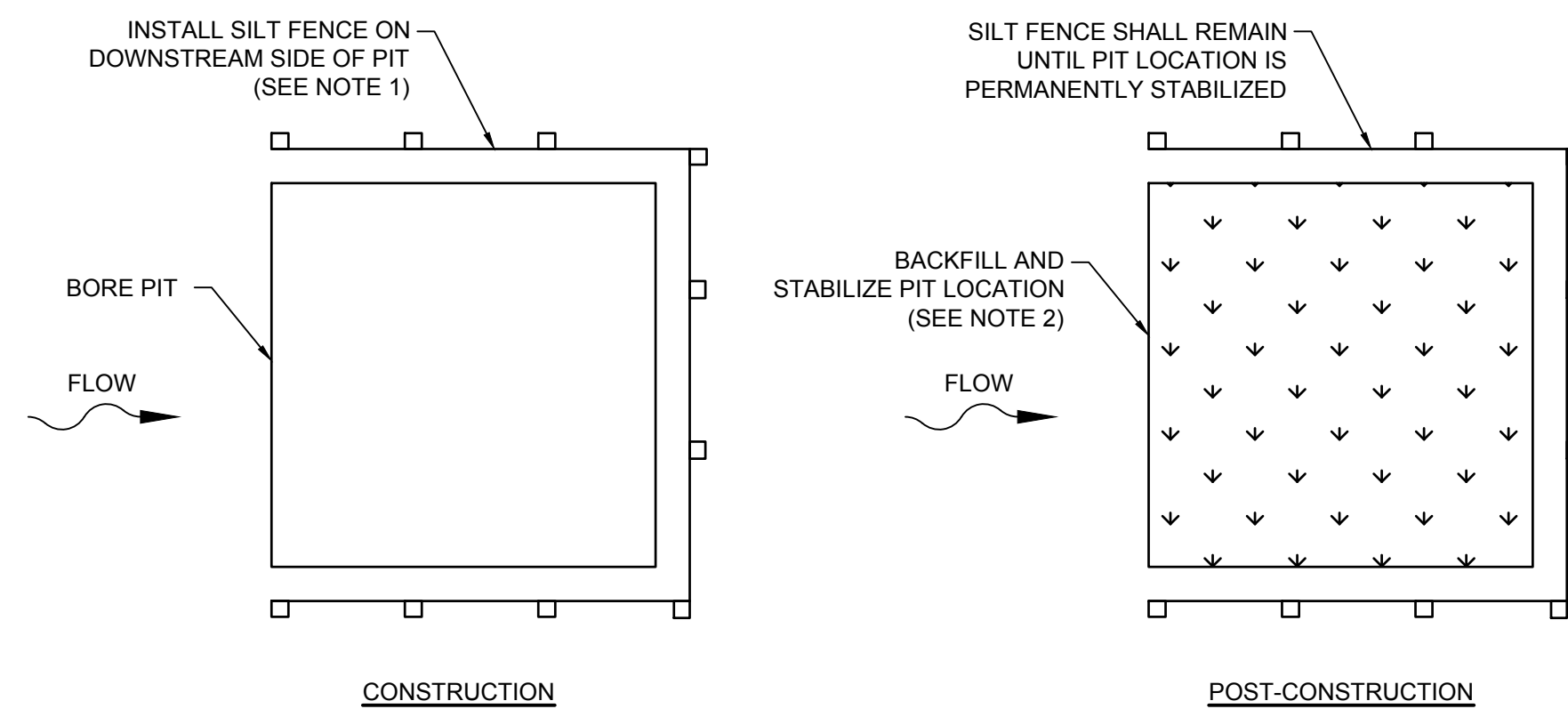


INSTALLATION NOTES:

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 2 : 1.
- UPON COMPLETION OF STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND HAY BALES OR DOUBLE SILT FENCE, THEN STABILIZED WITH VEGETATION, OR AN EROSION CONTROL TACKIFIER.
- ALL STOCKPILES SHALL BE PLACED AWAY FROM ANY AREAS OF STORMWATER CONVEYANCE
- ANY STOCKPILE THAT WILL BE UNUSED FOR 14 DAYS OR MORE SHALL BE COVERED

3 MATERIAL(S) STOCKPILE DETAIL

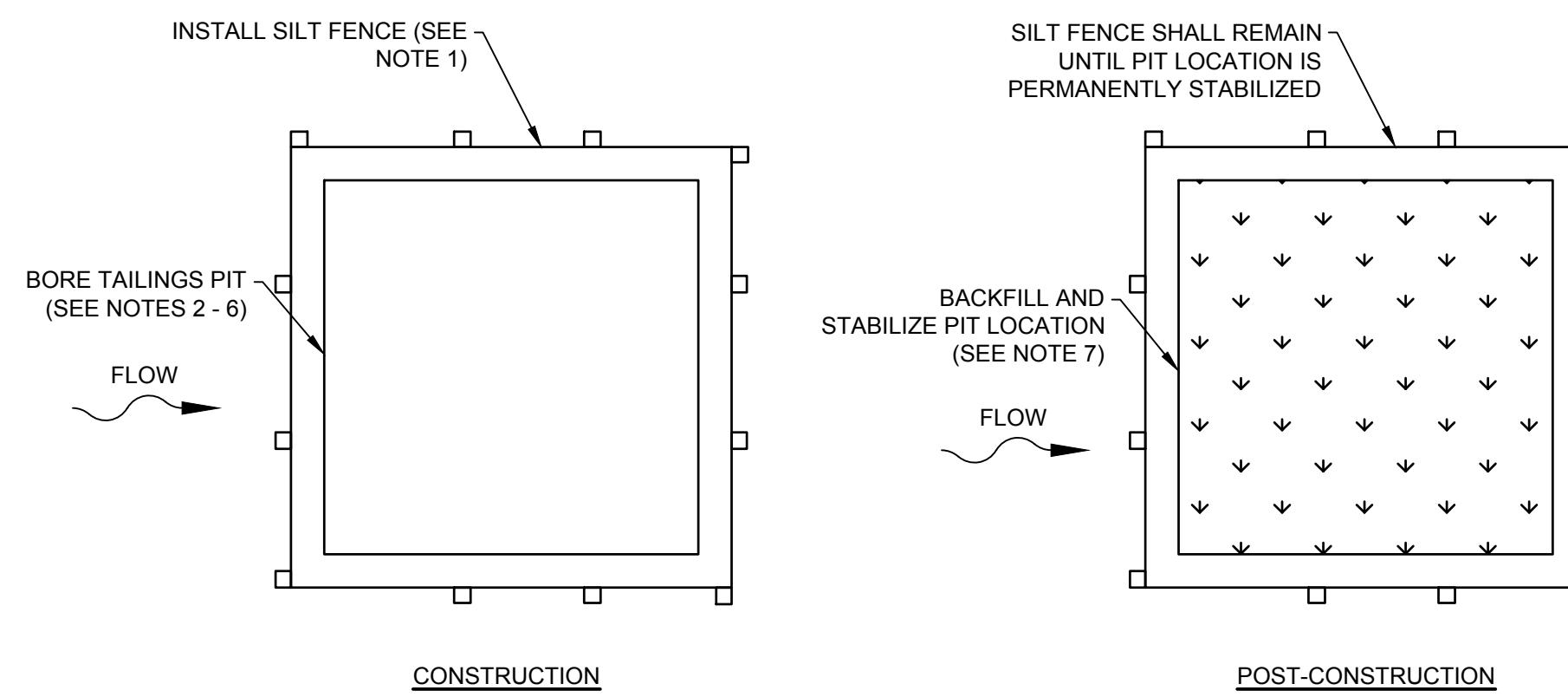
SCALE: NTS



- NOTES:
- SILT FENCE SHALL BE INSTALLED PER DETAIL 1, SHEET C5-28
  - UPON COMPLETION OF BORING OPERATIONS, CONTRACTOR SHALL BACKFILL THE BORE PITS TO MATCH THE SURROUNDING GRADE. CONTRACTOR SHALL INSTALL SEEDING OR OTHER PERMANENT STABILIZATION MEASURES A MAXIMUM OF 14 DAYS AFTER BACKFILL HAS OCCURRED IN ORDER TO LIMIT EROSION.

4 BORE PIT EROSION CONTROL DETAIL

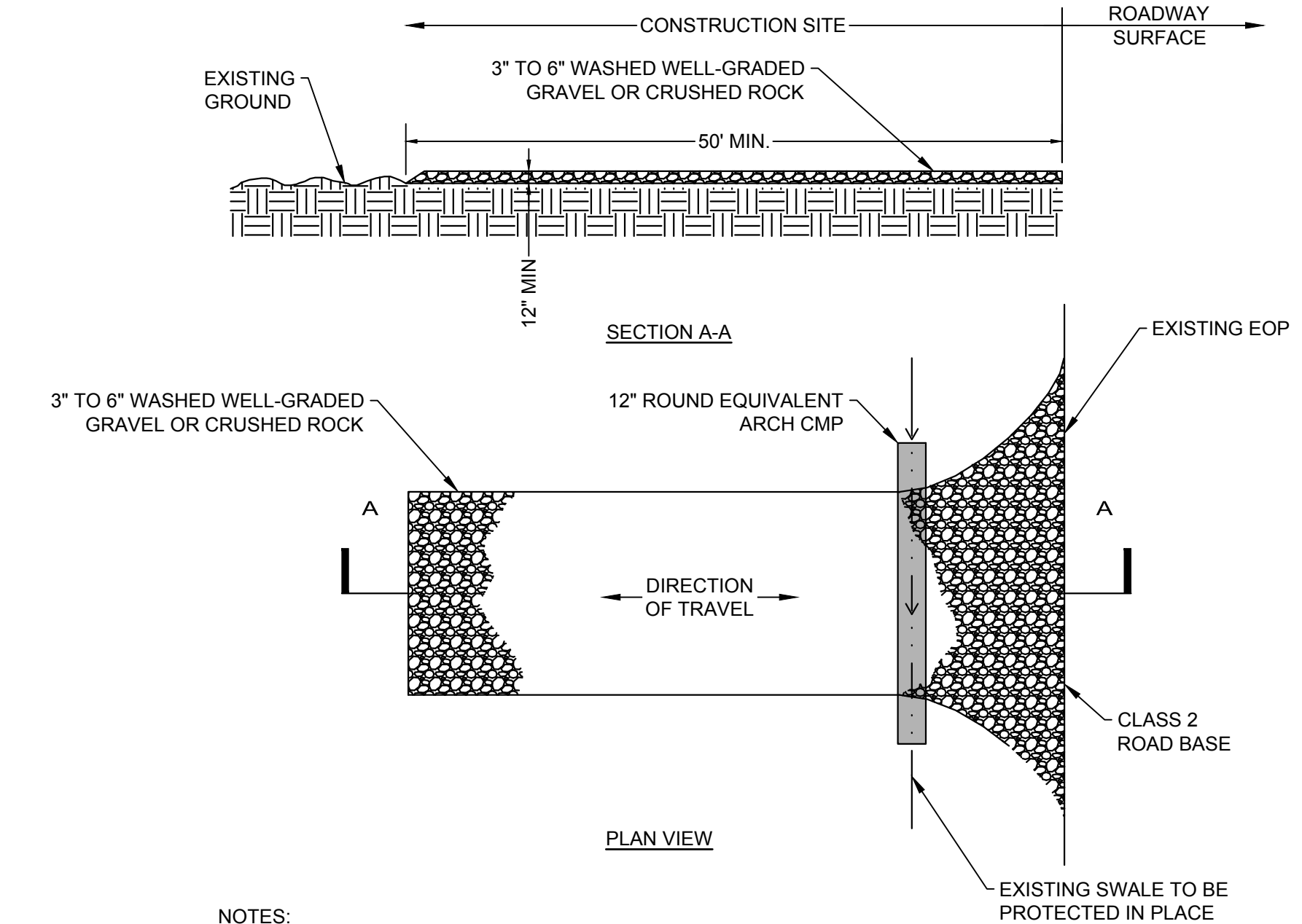
SCALE: NTS



- NOTES:
- SILT FENCE SHALL BE INSTALLED PER DETAIL 1, SHEET C5-28
  - BORE TAILINGS PITS SHALL BE PLACED A MINIMUM OF 50 FEET UPSTREAM OF ANY WATER BODY OR STREAM.
  - BORE TAILINGS SHALL BE PLACED IN THE BORE TAILINGS PIT TO ALLOW WATER TO INFILTRATE.
  - BORE TAILINGS SHALL BE SPREAD OUT AND PLACED IN LIFTS IN ORDER TO APPLY THE AMENDMENTS TO ENSURE REDUCED ADDITIVE CONCENTRATION THAT WILL ALLOW FOR GROWTH.
  - BORE TAILINGS SHALL BE TESTED FOR THE ADDITIVE CONCENTRATION THAT WAS ADDED DURING BORING. IF CONCENTRATION OF ADDITIVES IS HIGH, SUGGESTED AMENDMENTS SHALL BE APPLIED IN ORDER TO REDUCE THE CONCENTRATION.
  - ONCE INFILTRATION IS COMPLETE, BORE TAILINGS SHALL BE DISPOSED OF PROPERLY. IF BORE TAILINGS ARE TO BE LEFT ONSITE, CONTRACTOR SHALL ENSURE THERE IS NO NEGATIVE IMPACTS TO THE NATIVE SOIL. IF NEGATIVE IMPACTS ARE TO OCCUR, CONTRACTOR SHALL DISPOSE OF THE TAILINGS OFFSITE.
  - UPON COMPLETION OF INFILTRATION AND DISPOSAL OF TAILINGS, CONTRACTOR SHALL BACKFILL THE PITS TO MATCH THE SURROUNDING GRADE. CONTRACTOR SHALL INSTALL SEEDING OR OTHER PERMANENT STABILIZATION MEASURES A MAXIMUM OF 14 DAYS AFTER INFILTRATION AND BACKFILL HAS OCCURRED IN ORDER TO LIMIT EROSION.

5 BORE PIT TAILINGS EROSION CONTROL DETAIL

SCALE: NTS



- NOTES:
- CONSTRUCTION EXIT PAD SHALL BE CONSTRUCTED OF 3" TO 6" WASHED, WELL-GRADED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 12 INCHES.
  - LENGTH OF CONSTRUCTION EXIT PAD SHALL BE A MINIMUM OF 50 FT. WIDTH SHALL BE A MIN. OF 24 FT OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII.
  - THE CONSTRUCTION EXIT PAD SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
  - ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

6 CONSTRUCTION ENTRANCE DETAIL

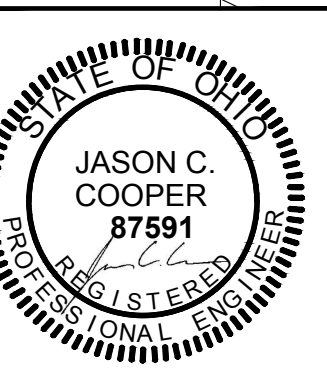
SCALE: NTS

NO.	REVISIONS	DATE
4	REVISION 4	07/08/2022
3	REVISION 3	06/03/2022
2	REVISION 2	04/29/2022
1	REVISION 1	04/20/2022



**Kimley-Horn**

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
192017028	07/08/2022	AS SHOWN	NEL	AMC	JCC

EROSION CONTROL DETAILS

196 MWAC  
 BIG PLAIN  
 SOLAR PROJECT  
 MADISON COUNTY, OH

SHEET NUMBER  
**C5.28**