Know what's **below.**
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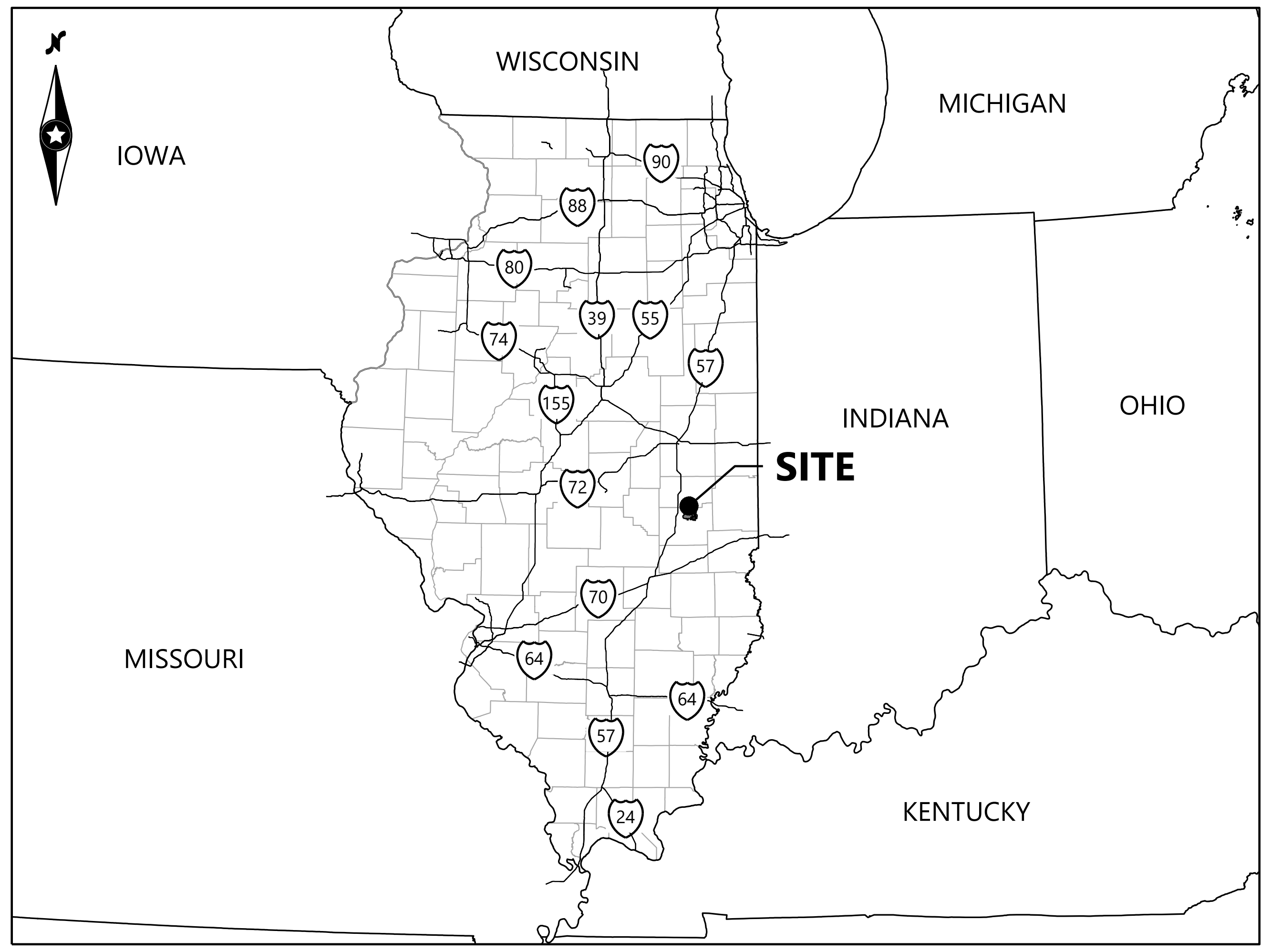
Coles Wind Project

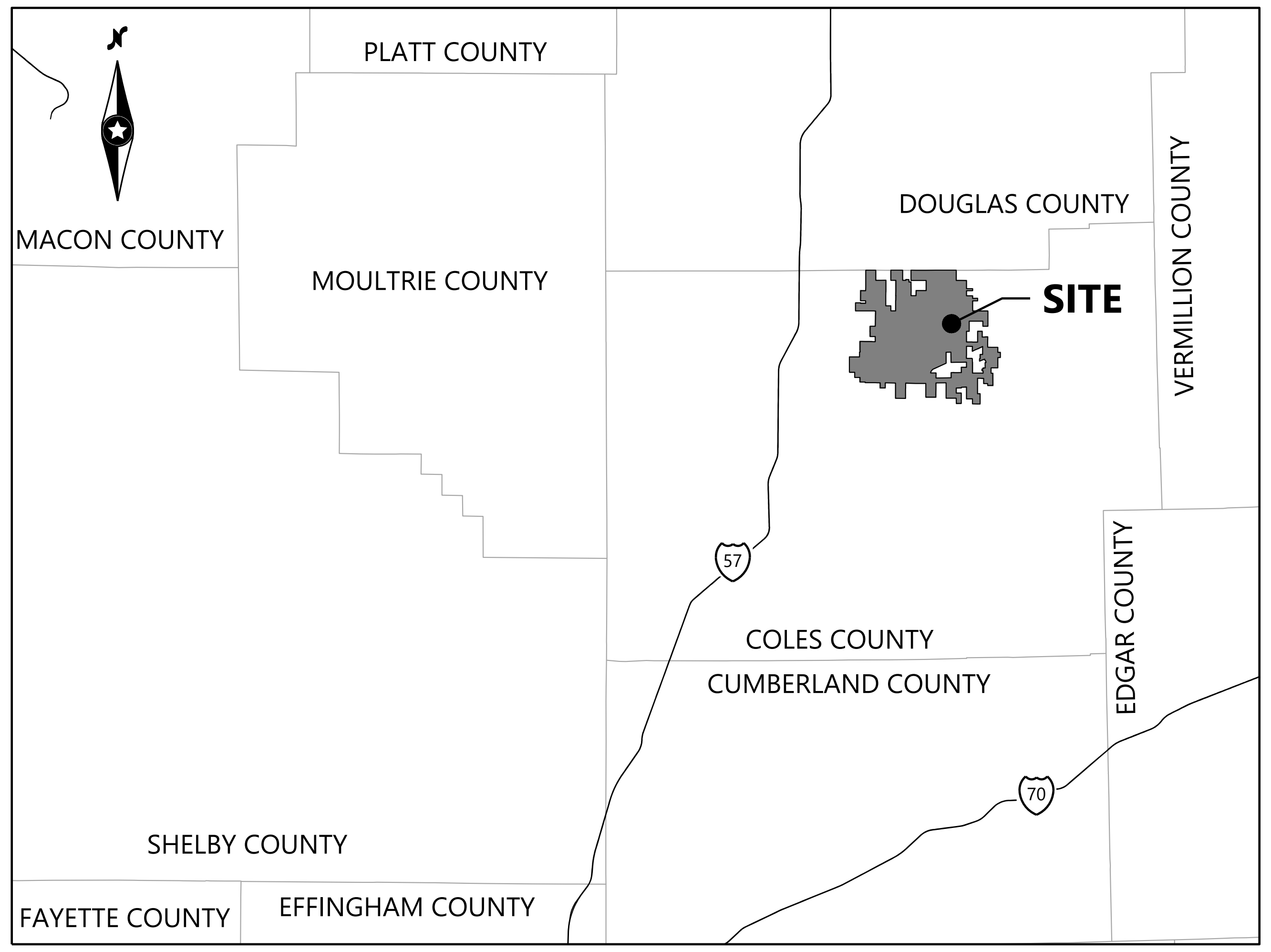
Coles County, Illinois

Issued For Construction

REGIONAL MAP



VICINITY MAP



DATA SET INFORMATION			
Coordinate System	NSRS11 Illinois State Planes, East Zone, US Foot		
BASE FILE	**FILE NAME / NOTES**	**PROVIDER**	**DATE**
AERIAL IMAGE	0042789.01V-AERIAL	BEARING TREE LAND SURVEY	4/22/2025
LAND CONTROL	41659.112-XP Survey	Timmons	5/1/2025
ALTA SURVEY	41659.112-XP Survey	Timmons	5/1/2025
TOPOGRAPHY	140351_001_140341_001_0_0_0 (1/15)	APEX	1/16/2024
TURBINE ARRAY	CLW-LAY-037-L3b_plusADLS_20250625	APEX	6/25/2025
UNDERGROUND COLLECTION	COLES WIND_COLLECTION LINES	APEX	7/22/2025
GEN-TIE	*	*	*
STREAMS/WETLANDS	Wetlands_UseConstructability	APEX	1/31/2025
CULTURAL RESOURCES	Coles_ENVR_Restrictions_20250130	APEX	1/31/2025
BIOLOGICAL	Coles_ENVR_Restrictions_20250130	APEX	1/31/2025
FEMA INFO	41659.112-FLOOD	Timmons	5/1/2025
GEOTECHNICAL REPORT	GE2502017 Coles Wind_Geotechnical Report_20250716	RRC	6/17/2025
DRAIN TILE	CLW_Drain_Tile	DIGS PINION	5/1/2025
LiDAR TOWER	CLW_PermLiDAR_L_T57_V2_20250702	APEX	7/2/2025

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project
Coles County, Illinois

Cover

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C001
REV: 5

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Turbine Coordinate Table

Turbine ID	Northing	Easting	Longitude	Latitude
T1	1086446.293	1025171.585	39.649995	-88.188005
T2	1085249.582	1021000.796	39.646727	-88.202823
T3	1085425.280	1027044.849	39.647183	-88.181358
T4	1082842.162	1021265.468	39.640117	-88.201895
T5	1083491.971	1016925.275	39.641917	-88.217304
T6	1083073.452	1014182.684	39.640777	-88.227044
T7	1081145.427	1014468.183	39.635483	-88.226039
T8	1079686.475	1013630.367	39.631481	-88.229020
T10	1079784.899	1024850.357	39.631708	-88.189183
T11	1078445.185	1027342.004	39.628019	-88.180345
T12	1077801.357	1025245.520	39.626261	-88.187792
T13	1078818.847	1015272.026	39.629093	-88.223195
T15	1077893.245	1011646.472	39.626564	-88.236070
T17	1073594.154	1019493.913	39.614735	-88.208232
T18	1075902.756	1022151.437	39.621062	-88.198786
T19	1072755.341	1024943.763	39.612409	-88.188892
T20	1072723.026	1027385.286	39.612310	-88.180226
T22	1084781.099	1031741.597	39.645392	-88.164683
T23	1086382.196	1032196.225	39.649785	-88.163058
T25	1083644.427	1037199.144	39.642241	-88.145311
T26	1083164.440	1035764.251	39.640932	-88.150410
T28	1083078.508	1030090.699	39.640726	-88.170557
T29	1080234.154	1032719.057	39.632904	-88.161243
T30	1079123.368	1039051.750	39.629819	-88.138768
T31	1075164.957	1043606.239	39.618923	-88.122631
T33	1074596.239	1038120.492	39.617396	-88.142108
T34	1073270.137	1034805.112	39.613774	-88.153886
T35	1075197.976	1032304.360	39.619080	-88.162749
T36	1069485.802	1033104.560	39.603394	-88.159948
T38	1067524.972	1037355.112	39.597987	-88.144878
T39A	1064990.313	1044196.196	39.590987	-88.120622
T40	1064973.067	1035540.949	39.590992	-88.151334
T43	1064584.088	1029561.194	39.589955	-88.172555
T44	1063057.876	1029066.694	39.585767	-88.174319
T45	1062687.935	1045100.695	39.584660	-88.117432
T46	1059020.329	1044888.402	39.574592	-88.118216
T47A	1058372.672	1040837.175	39.572840	-88.132593
T48	1055559.991	1040883.434	39.565118	-88.132451
T49	1057095.360	1039645.755	39.569341	-88.136830
T51	1058485.788	1034537.182	39.573187	-88.154941
T52	1055648.516	1035252.157	39.565394	-88.152425
T53	1058507.850	1030317.664	39.573270	-88.169910
T54	1055493.568	1021483.819	39.565034	-88.201263
T55	1058440.067	1021311.981	39.573124	-88.201857
T56	1058888.597	1019453.521	39.574363	-88.208448
T57	1058901.541	1016829.155	39.574408	-88.217758
T58	1061227.487	1010437.258	39.580814	-88.240424
T59	1063578.790	1011716.182	39.587266	-88.235878
T60	1062878.530	1018553.414	39.585320	-88.211622
T61	1069985.543	1018780.592	39.604831	-88.210781
T62	1069550.653	1015904.392	39.603647	-88.220991

COORDINATE SYSTEM: NSRS 2011 ILLINOIS STATE PLANS, EAST ZONE, US ZONE

Sheet List Table

Sheet Number	Sheet Title	Last Rev Date	Last Rev Numb
C001	Cover	10/14/2025	5
C002	Sheet Index and Turbine Table	10/14/2025	5
C003	Construction Tables	10/14/2025	5
C200	Overall Site Plan	10/14/2025	5
C201	Turbine Component Delivery Flow Plan	10/14/2025	5
C300	Overall Site Index Plan	10/14/2025	5
C301	Site Plan - T5, T6	10/14/2025	5
C302	Site Plan - T2, T4	10/14/2025	5
C303	Site Plan - T1, T3	10/14/2025	5
C304	Site Plan - T21, T22, T23, T27, T28	10/14/2025	5
C305	Site Plan - T24, T25, T26	10/14/2025	5
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C309	Site Plan - T10, T11, T12	10/14/2025	5
C310	Site Plan - T29	10/14/2025	5
C311	Site Plan - T30	10/14/2025	5
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C322	Site Plan - T58, T59	10/14/2025	5
C323	Site Plan - T60	10/14/2025	5
C324	Site Plan - ADLS	10/14/2025	5
C325	Site Plan - T41, T42, T43, T44	10/14/2025	5
C326	Site Plan - T40	10/14/2025	5
C327	Site Plan - T39, T45	10/14/2025	5
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C333	O&M Grading Sheet	10/14/2025	5
C334	Laydown Yard Grading Sheet	10/14/2025	5
C335	Welcome Center Grading Sheet	10/14/2025	5
C501	Public Improvement Intersection - 1	10/14/2025	5
C502	Public Improvement Intersection - 2	10/14/2025	5
C503	Public Improvement Intersection - 3	10/14/2025	5
C504	Public Improvement Intersection - 4	10/14/2025	5
C505	Public Improvement Intersection - 5 & 6	10/14/2025	5
C506	Public Improvement Intersection - 7	10/14/2025	5
C507	Public Improvement Intersection - 8	10/14/2025	5
C508	Public Improvement Intersection - 9	10/14/2025	5
C509	Public Improvement Intersection - 10	10/14/2025	5
C510	Public Improvement Intersection - 11	10/14/2025	5
C511	Public Improvement Intersection - 12	10/14/2025	5
C512	Public Improvement Intersection - 13	10/14/2025	5
C513	Public Improvement Intersection - 14	10/14/2025	5
C514	Public Improvement Intersection - 15 & 16	10/14/2025	5
C515	Public Improvement Intersection - 17	10/14/2025	5
C516	Public Improvement Intersection - 18 & 19	10/14/2025	5
C517	Public Improvement Intersection - 20	10/14/2025	5
C518	Public Improvement Intersection - 21	10/14/2025	5
C519	Public Improvement Intersection - 22	10/14/2025	5
C700	Construction Details - 1	10/14/2025	5
C701	Construction Details - 2	10/14/2025	5
C702	Construction Details - 3	10/14/2025	5
C703	Construction Details - 4	10/14/2025	5
C704	Construction Details - 5	10/14/2025	5
C705	Construction Details - 6	10/14/2025	5
C706	Construction Details - 7	10/14/2025	5
C707	Construction Details - 8	10/14/2025	5
C708	Construction Details - 9	10/14/2025	5
C709	Construction Details - 10	10/14/2025	5
C710	Construction Details - 11	10/14/2025	5
C711	Construction Details - 12	10/14/2025	5
C712	Construction Details - 13	10/14/2025	5
C713	Construction Details - 14	10/14/2025	5
C714	Construction Notes	10/14/2025	5
C715	Erosion & Sediment Control Notes	10/14/2025	5
C716	Cement Stablilzation Notes	10/14/2025	5

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
4	10/08/2025	WELCOME CENTER	SLC	GN	PM
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Sheet Index and Turbine Table

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C002
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TABLE 1: DRAINAGE CROSSING TABLE

Crossing ID	Culvert (10-year sizing) Diameter (in)	LWC (10-year sizing) (type)	LWC Length (ft)	Detail Reference	Plan Sheet Number
DC-01	N/A	STANDARD DUTY	355	DN-01	C302
DC-04	N/A	STANDARD DUTY	670	DN-01	C304
DC-05	1-48"; 2-36"; 3-30"	STANDARD DUTY	50	DN-03	C304
DC-07	N/A	STANDARD DUTY	40	DN-01	C305
DC-08	1-36"; 2-24"; 4-18"	STANDARD DUTY	30	DN-03	C309
DC-09	N/A	STANDARD DUTY	345	DN-01	C309
DC-10	N/A	STANDARD DUTY	65	DN-01	C309
DC-11	N/A	STANDARD DUTY	620	DN-01	C315
DC-14	N/A	STANDARD DUTY	30	DN-01	C316
DC-15	3-18"	STANDARD DUTY	75	DN-03	C317
DC-17	N/A	STANDARD DUTY	55	DN-01	C314
DC-18	1-42"; 2-36"; 3-30"	STANDARD DUTY	40	DN-03	C316
DC-19	N/A	STANDARD DUTY	335	DN-01	C318
DC-20	N/A	STANDARD DUTY	310	DN-01	C318
DC-21	N/A	STANDARD DUTY	210	DN-01	C322

DRAINAGE CROSSING GENERAL NOTES:

1. DRAINAGE CROSSINGS SHOWN ON THE PLANS ARE BASED UPON OBSERVATION OF TOPOGRAPHIC CONTOURS, AERIAL IMAGERY, PUBLIC GIS DATA, AND ENGINEERING ANALYSIS.
2. ADDITIONAL CROSSINGS MAY BE NEEDED WHERE CONCENTRATED FLOWS ARE ANTICIPATED DUE TO CONSTRUCTION ACTIVITIES, OR WHERE FIELD CONDITIONS INDICATE AN INCISED CHANNEL NOT SHOWN ON THE CONTOURS. CONTACT ENGINEER FOR RECOMMENDATIONS.
3. IF MULTIPLE DRAINAGE CROSSING OPTIONS ARE PROVIDED, CONTRACTOR SHALL USE DISCRETION TO SELECT THE CULVERT SIZE OPTION THAT BEST FITS THE EXISTING CHANNEL GEOMETRY WHILE MAINTAINING MINIMUM COVER REQUIREMENTS.
4. TEMPORARY CRANE PATH CULVERTS ARE IDENTIFIED AT MAJOR DRAINAGE CROSSINGS. AT CONTRACTOR'S DISCRETION AND UNLESS OTHERWISE NOTED, CROSSING WITH CRANE MATS (DETAIL CR-02) IS AN ACCEPTABLE ALTERNATIVE TO INSTALLING A TEMPORARY CULVERT (DETAIL CR-03).
5. DRAINAGE CROSSING DESIGN IS INCLUDED FOR PRIMARY INFRASTRUCTURE ONLY. CONTACT ENGINEER IF ALTERNATE INFRASTRUCTURE REQUIRES CROSSING DESIGN.
6. ENTRANCE CULVERT SIZING TO BE VERIFIED BY THE AUTHORITY HAVING JURISDICTION (AHJ) FOR ALL CULVERTS WITHIN THE RIGHT OF WAYS.

TABLE 2: ENTRANCE CROSSING TABLE

Crossing ID	Culvert (25-year sizing) Diameter (in)	Detail Reference	Plan Sheet Number
EC-01	1-18"	DN-06	C302
EC-02	1-18"	DN-06	C303
EC-03	1-18"	DN-06	C303
EC-04	EXISTING CULVERT*	N/A	C304
EC-05	1-18"	DN-06	C304
EC-07	1-18"	DN-06	C304
EC-09	1-18"	DN-06	C301
EC-10	1-18"	DN-06	C307
EC-11	1-18"	DN-06	C301
EC-12	1-18"	DN-06	C302
EC-13	1-18"	DN-06	C310
EC-14	1-18"	DN-06	C305
EC-15	1-18"	DN-06	C305
EC-16	1-18"	DN-06	C307
EC-17	1-18"	DN-06	C307
EC-18	1-18"	DN-06	C306
EC-22	1-18"	DN-06	C313
EC-23	3-18"	DN-06	C309
EC-24	1-18"	DN-06	C309
EC-25	1-18"	DN-06	C315
EC-26	1-18"	DN-06	C311
EC-27	1-18"	DN-06	C317
EC-28	1-18"	DN-06	C317
EC-30	1-18"	DN-06	C319
EC-31	1-18"	DN-06	C313
EC-32	1-18"	DN-06	C314
EC-33	EXISTING CULVERT*	DN-06	C314
EC-34	1-18"	DN-06	C320
EC-36	1-18"	DN-06	C316
EC-38	1-18"	DN-06	C322
EC-39	1-18"	DN-06	C323
EC-40	1-18"; OR BEST FIT FOR DITCH	DN-06	C325
EC-43	1-18"	DN-06	C326
EC-44	1-18"	DN-06	C321
EC-45	1-18"	DN-06	C327
EC-46	1-18"	DN-06	C322
EC-47	1-18"	DN-06	C328
EC-48	1-18"	DN-06	C329
EC-49	3-18"	DN-06	C324
EC-50	1-18"; OR BEST FIT FOR DITCH	DN-06	C325
EC-51	1-18"	DN-06	C330
EC-52	1-18"	DN-06	C331
EC-53	1-18"	DN-06	C332
EC-54	1-18"	DN-06	C327
EC-55	1-18"	DN-06	C329
EC-56	1-18"	DN-06	C329
EC-57	1-18"	DN-06	C332
EC-58	1-18"	DN-06	C332

*FIELD VERIFIED EXISTING CULVERT. FIELD VERIFY CULVERT CONDITION, REPAIR OR REPLACE AS NEEDED. EXTEND AS NEEDED FOR TEMPORARY TURNS

* FIELD VERIFIED EXISTING CULVERT. FIELD VERIFY CULVERT CONDITION, REPAIR OR REPLACE AS NEEDED. EXTEND AS NEEDED FOR TEMPORARY TURNS

TABLE 3: CRANE CROSSING TABLE

Crossing ID	Culvert (2-year sizing) Diameter (in)	Detail Reference	Plan Sheet Number	Recommended Type (type)
CP-01	1-48"; 2-36"; 3-30"	CR-02	C301	Timber Matting
CP-02	1-24"; 2-18"	CR-01	C303	Timber Matting
CP-04	1-60"; 2-48"; 3-42"	CR-03	C303	Culvert
CP-07	1-54"; 2-42"; 3-36"	CR-02	C304	Timber Matting
CP-08	1-36"; 2-30"; 3-24"	CR-02	C305	Timber Matting
CP-09	1-42"; 2-30"; 4-24"	CR-02	C311	Timber Matting
CP-10	3-36"	CR-03	C311	Culvert
CP-11	1-36"; 2-30"; 3-24"	CR-02	C318	Timber Matting
CP-12	3-48"	CR-01	C313	Timber Matting
CP-13	1-48"; 2-36"; 4-30"	CR-02	C315	Timber Matting
CP-18	3-36"	CR-02	C322	Timber Matting
CP-19	2-48"	CR-01	C322	Timber Matting
CP-20	1-48"; 2-36"; 3-30"	CR-02	C323	Timber Matting
CP-21	1-42"; 2-36"; 3-30"	CR-02	C325	Timber Matting
CP-22	2-48"	CR-03	C331	Culvert
CP-23	NA	CR-02	C329	Timber Matting
CP-24	NA	CR-02	C329	Timber Matting
CP-25	NA	CR-02	C330	Timber Matting
CP-26	NA	CR-02	C332	Timber Matting
CP-28	NA	CR-01	C321	Timber Matting

TABLE 4: MINIMUM COVER FOR CMP CULVERTS

DIAMETER OF PIPE (IN)	MINIMUM ALLOWABLE COVER (FT) FOR STEEL ROUND PIPE 2 2/3" X 1/2" CORRUGATIONS				
	16 GAUGE	**14 GAUGE**	**12 GAUGE**	**10 GAUGE**	**8 GAUGE**
12	1.0	1.0			
15	1.0	1.0			
18	1.0	1.0			
24	1.5	1.0	1.0		
30	1.5	1.5	1.0		
36	2.0	1.5	1.0	1.0	
42	3.0	2.0	1.5	1.0	1.0
48	4.0	2.5	1.5	1.0	1.0
54		3.5	1.5	1.5	1.0
60			2.0	1.5	1.0
66			3.5	2.0	1.5
72				2.5	1.5

DIAMETER OF PIPE (IN)	**MINIMUM ALLOWABLE COVER (FT) FOR STEEL ROUND PIPE 3" X 1" AND 5" X 1" CORRUGATIONS**				
	16 GAUGE	**14 GAUGE**	**12 GAUGE**	**10 GAUGE**	**8 GAUGE**
54	5.0	3.0	1.5	1.0	1.0
60	7.0	4.0	2.0	1.5	1.0
66		5.0	2.0	1.5	1.0
72		6.0	2.5	1.5	1.5

NOTES:
1. BASED ON LOADS FROM HS20, TYPICAL TURBINE COMPONENTS, TYPICAL RT AND CRAWLER ERECTION CRANES, AND TABLES PRESENTED IN THE CORRUGATED STEEL PIPE DESIGN MANUAL BY NCSPA.
2. SAFETY FACTOR = 2.0

811 Know what's below. Call before you dig.

Westwood

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10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

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0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

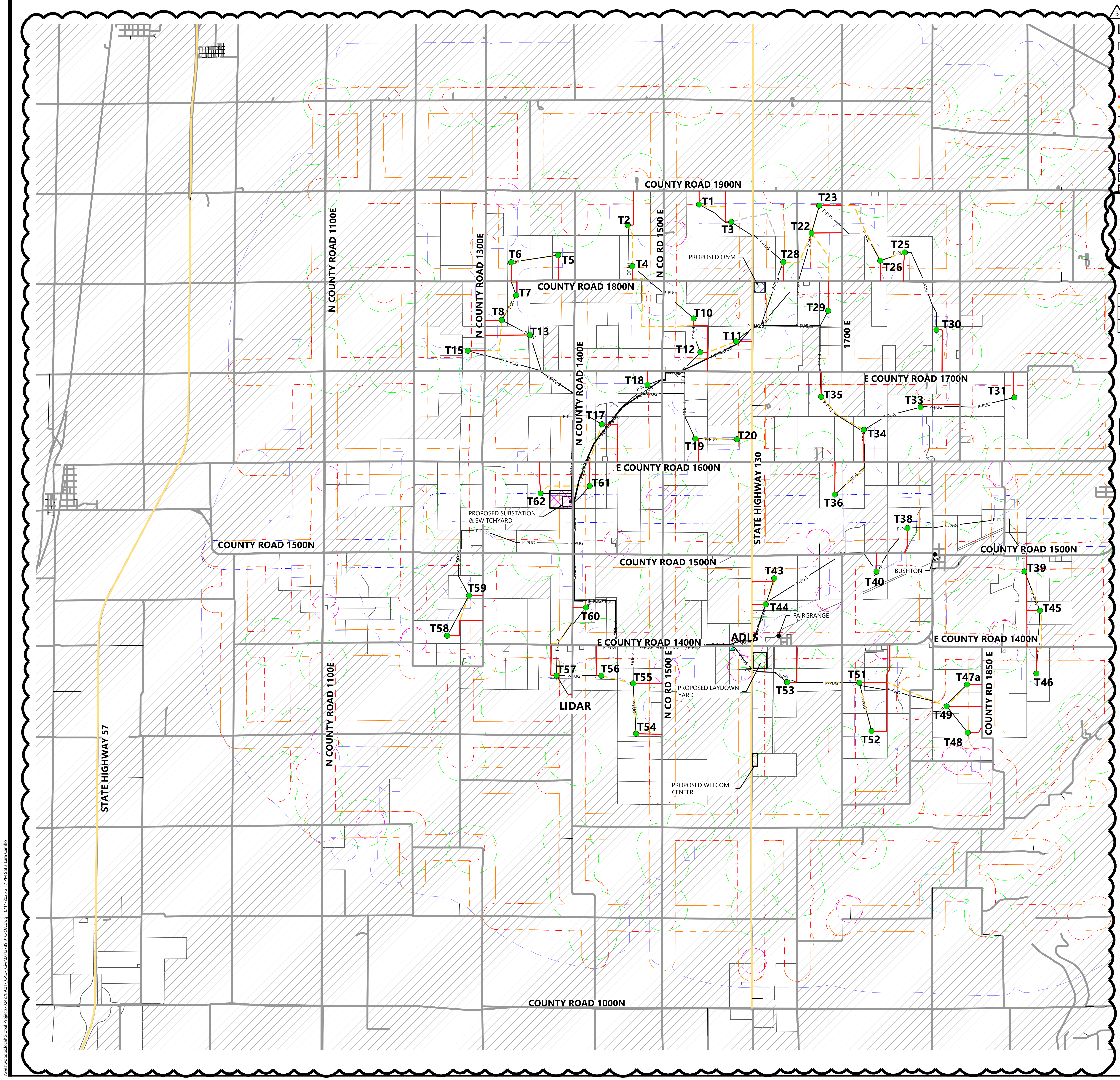
Construction Tables

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C003

REV: 5



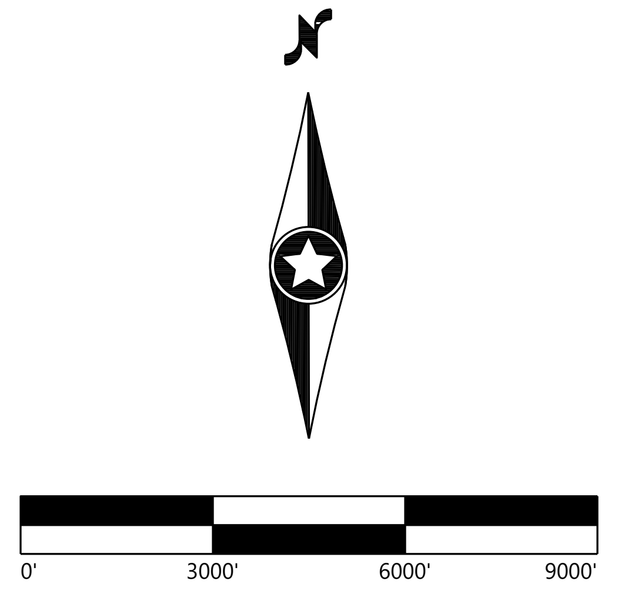
LEGEND:

▨	PROJECT BOUNDARY
● ##	TURBINE LOCATION
▲ ADLS	ADLS TOWER LOCATION
■ #	LIDAR TOWER LOCATION
🟥	PROPOSED ACCESS ROAD
▬ ▬ ▬	PROPOSED CRANE PATH
—— P-PUG ——	UNDERGROUND COLLECTION PROVIDED BY OTHERS
▬	EXISTING ROAD
▬	EXISTING STATE HIGHWAY
——	PARCEL LINES
▩	PROPOSED SUBSTATION & SWITCHYARD
▩	PROPOSED O&M
▩	PROPOSED LAYDOWN YARD
▩	PROPOSED WELCOME CENTER
— — —	NON-PARTICIPATING PARCEL SETBACK
— — —	NON-PARTICIPATING RESIDENCE SETBACK
— · — ·	OCCUPIED COMMUNITY BUILDING SETBACK
— · — ·	OVERHEAD DISTRIBUTION SETBACK
— · — ·	OVERHEAD TRANSMISSION SETBACK
— — —	PARTICIPATING RESIDENCE SETBACK
—— — — ——	PUBLIC RIGHT OF WAY SETBACK

5

Access Road and Crane Quantities	
Road/Crane Type	Quantities (Linear Feet)
Proposed Access Road	87,881.0

Type	Quantities (Square Feet)
Standard	271,861.0



Westwood

Phone (214) 473-4640
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Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Overall Site Plan

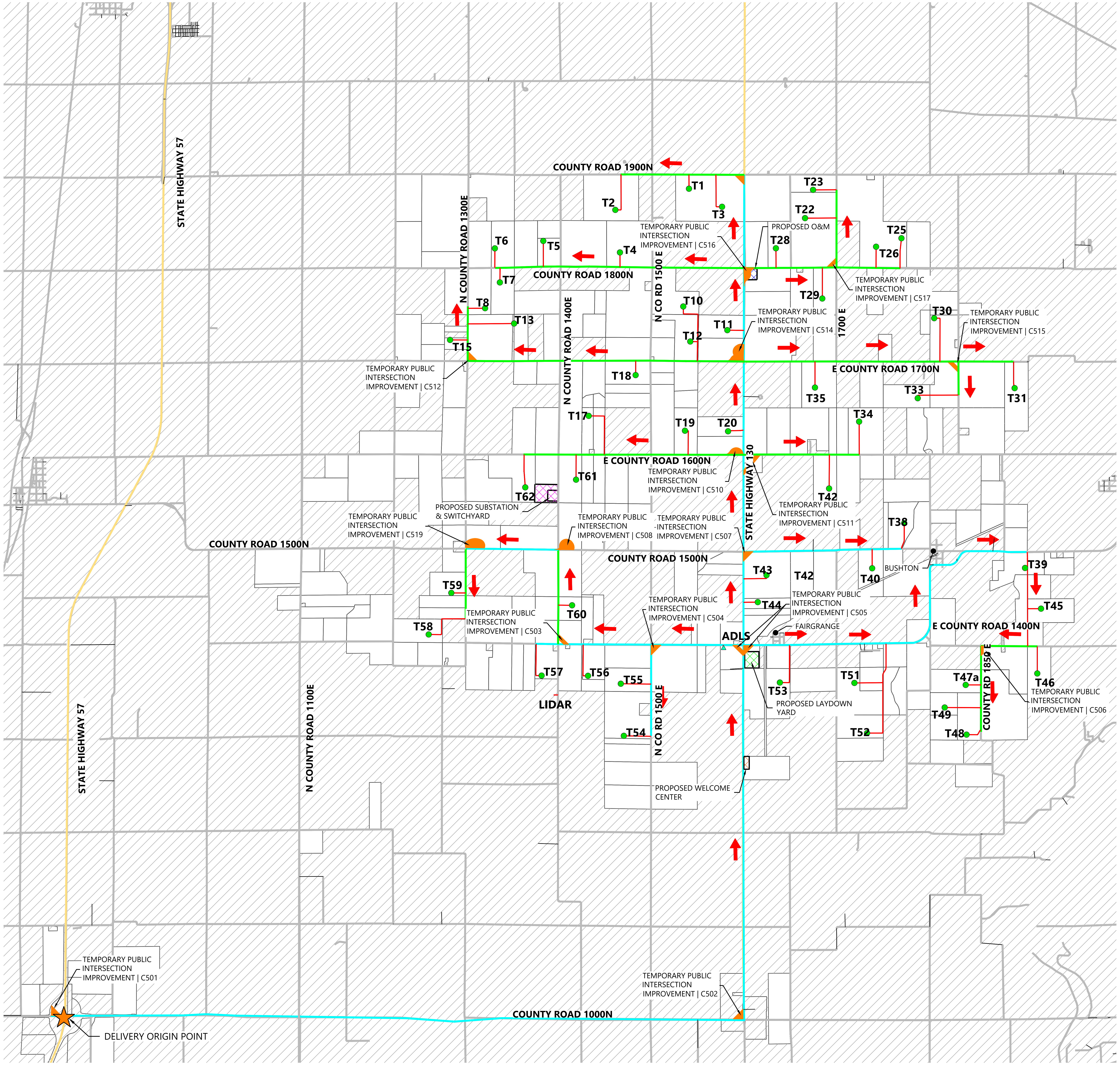
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C200

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-OA.dwg 10/14/2025 2:17 PM Sofia Lara Carrillo


COUNTY ROAD 1900N
T1
T2
T3
T23
T22
PROPOSED O&M
T25
T28
T26
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C516
T4
T5
T6
T7
COUNTY ROAD 1800N
N CO RD 1500 E
N COUNTY ROAD 1300E
STATE HIGHWAY 57
T8
T10
T11
T12
T13
T15
T29
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C517
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C514
1700 E
T30
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C515
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C512
N COUNTY ROAD 1400E
T18
E COUNTY ROAD 1700N
T35
T33
T31
T17
T19
T20
T34
E COUNTY ROAD 1600N
T61
T62
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C510
STATE HIGHWAY 130
T42
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C511
PROPOSED SUBSTATION & SWITCHYARD
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C519
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C508
TEMPORARY PUBLIC -INTERSECTION IMPROVEMENT | C507
T38
COUNTY ROAD 1500N
COUNTY ROAD 1500N
T43
T42
T40
BUSHTON
T39
T59
T60
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C504
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C505
T44
T45
T58
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C503
FAIRGRANGE
E COUNTY ROAD 1400N
ADLS
T57
T56
T55
T51
T47a
T46
T53
LIDAR
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C506
COUNTY RD 1850 E
T49
T48
PROPOSED LAYDOWN YARD
T52
N CO RD 1500 E
T54
N COUNTY ROAD 1100E
STATE HIGHWAY 57
PROPOSED WELCOME CENTER
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C501
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C502
COUNTY ROAD 1000N
DELIVERY ORIGIN POINT

LEGEND:

▨	PROJECT BOUNDARY
—	PARCEL LINES
● ##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
■ #	LIDAR TOWER LOCATION
🟥	PROPOSED ACCESS ROAD
➡	DELIVERY ROUTE (INGRESS)
☆	DELIVERY ORIGIN POINT
⬜	EXISTING ROAD
🟨	EXISTING HIGHWAY
🟦	EX. ASPHALT DELIVERY RD.
🟩	EX. GRAVEL DELIVERY RD.
▨	PROPOSED SUBSTATION & SWITCHYARD
▨	PROPOSED O&M
▨	PROPOSED LAYDOWN YARD
▨	PROPOSED WELCOME CENTER
🟧	PUBLIC-TO-PUBLIC INTERSECTION IMPROVEMENT

Public-to-Private or Infield Temporary Intersections	
Improvement Type	Number of Improvements
Typical	55
Cut-Through	3
Jughandle	8
Cloverleaf	1

Public-to-Public Temporary Intersections	
Improvement Type	Number of Improvements
Typical	11
Cut-Through	4
Jughandle	5
Cloverleaf	2

Westwood

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Plano, TX 75093
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Westwood Professional Services, Inc.

PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

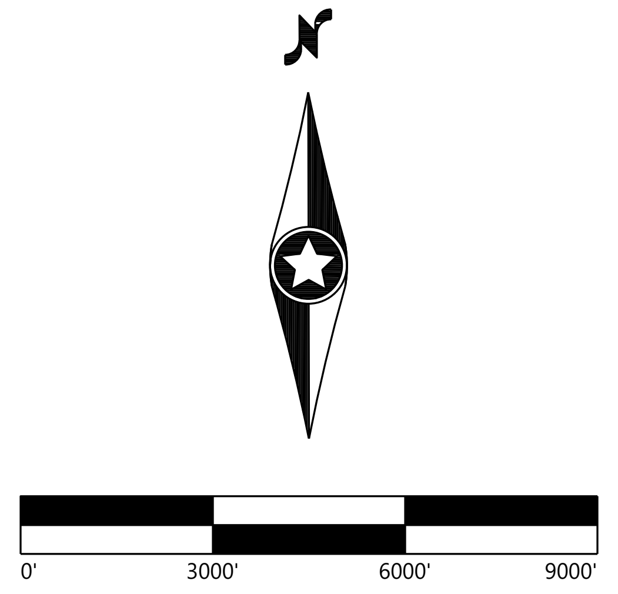
PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Turbine Component Delivery Flow Plan

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C201

REV: 5

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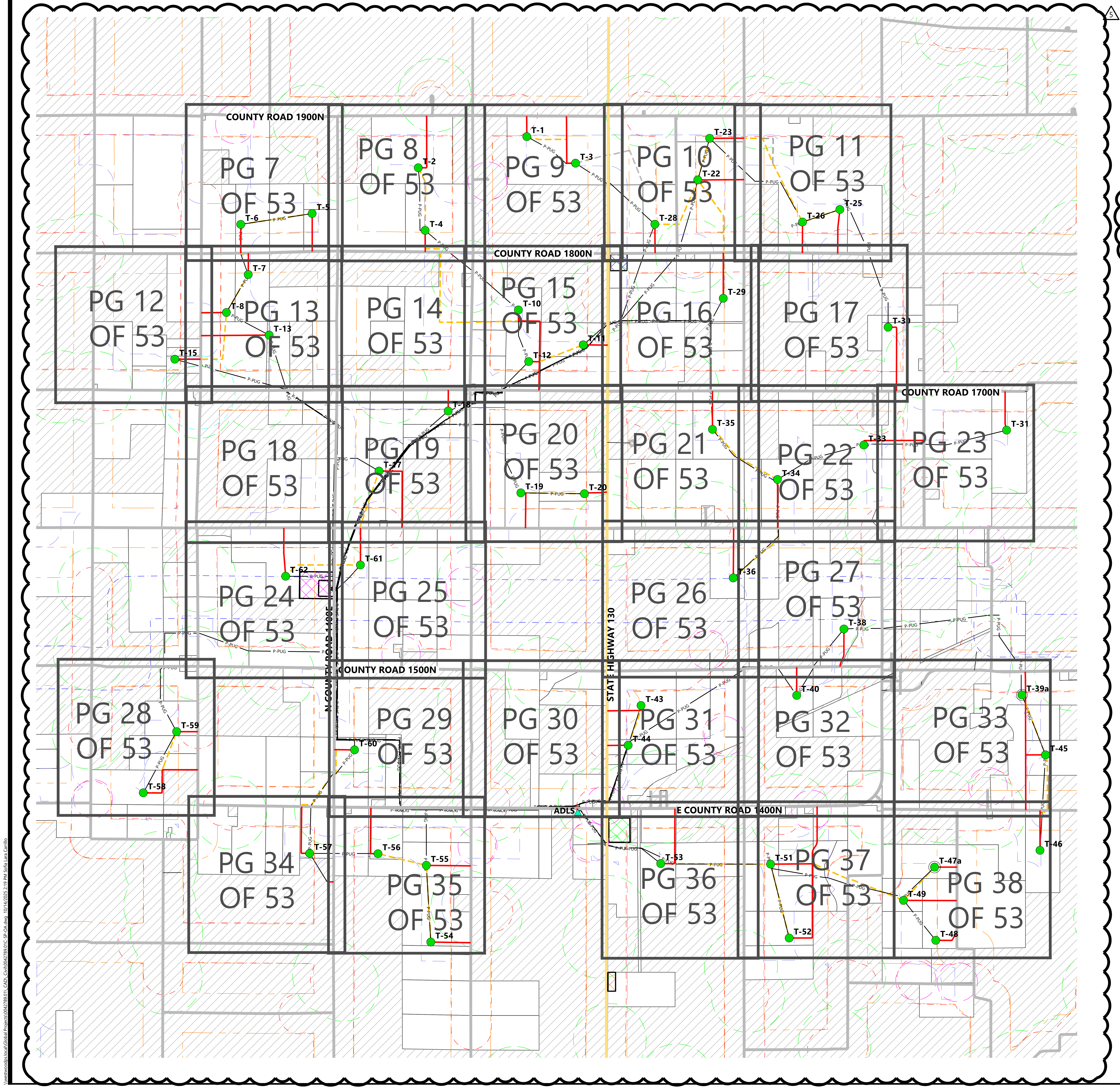

LEGEND:

▨ PROJECT BOUNDARY
● ## TURBINE LOCATION
▲ ADLS ADLS TOWER LOCATION
■ # LIDAR TOWER LOCATION
🟥 PROPOSED ACCESS ROAD
🟨 PROPOSED CRANE PATH
—— P-PUG —— UNDERGROUND COLLECTION PROVIDED BY OTHERS
EXISTING ROAD
EXISTING STATE HIGHWAY
PARCEL LINES
▨ PROPOSED SUBSTATION & SWITCHYARD
▨ PROPOSED O&M
▨ PROPOSED LAYDOWN YARD
▨ PROPOSED WELCOME CENTER
NON-PARTICIPATING PARCEL SETBACK
NON-PARTICIPATING RESIDENCE SETBACK
OCCUPIED COMMUNITY BUILDING SETBACK
OVERHEAD DISTRIBUTION SETBACK
OVERHEAD TRANSMISSION SETBACK
PARTICIPATING RESIDENCE SETBACK
PUBLIC RIGHT OF WAY SETBACK
20 SHEET NUMBER REFERENCE

5

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120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
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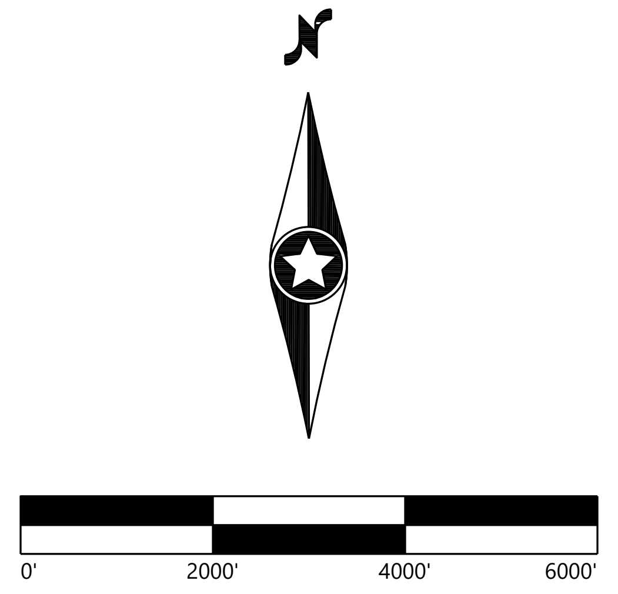
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Overall Site Index Plan

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C300

REV: 5

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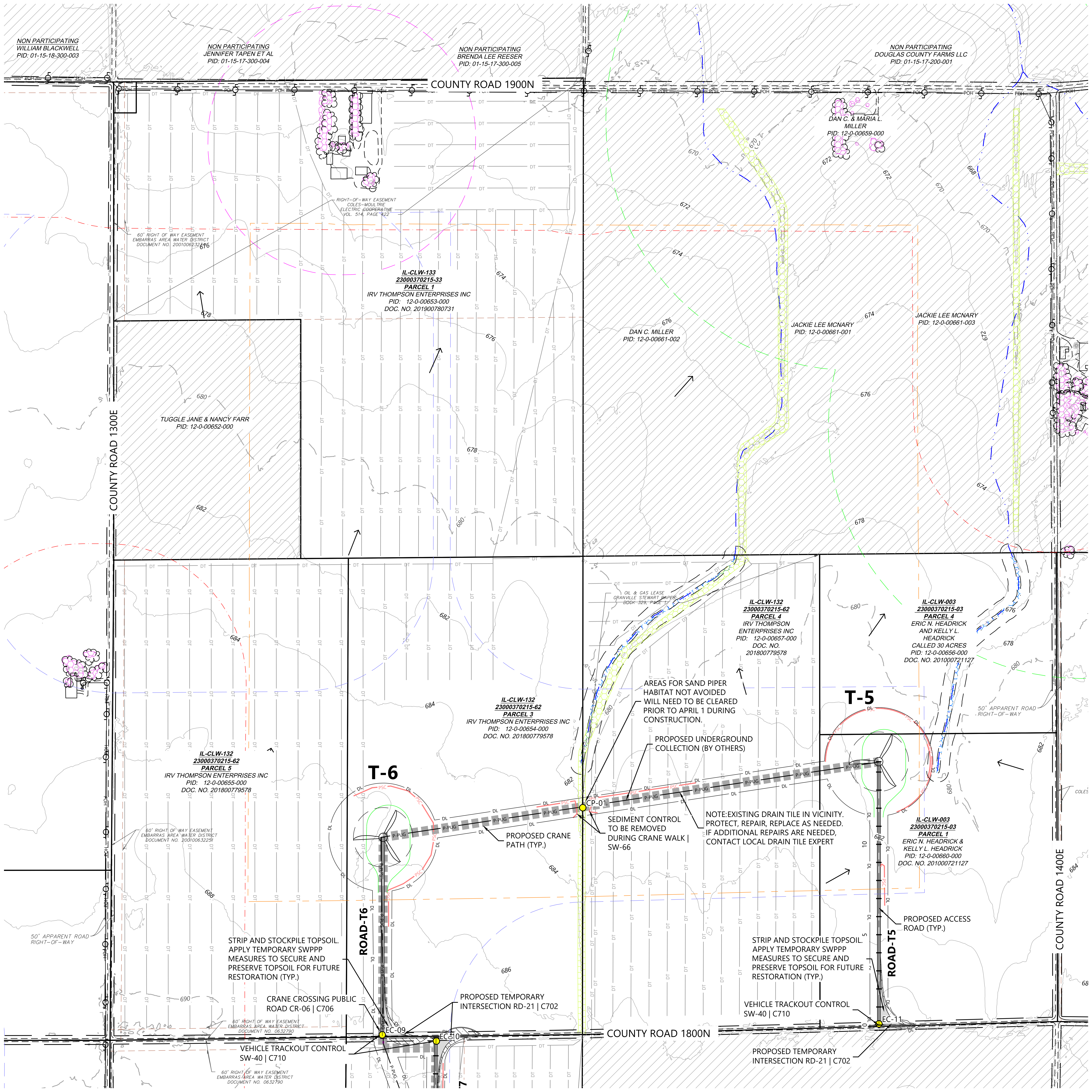

NON PARTICIPATING
WILLIAM BLACKWELL
PID: 01-15-18-300-003
NON PARTICIPATING
JENNIFER TAPEN ET AL
PID: 01-15-17-300-004
NON PARTICIPATING
BRENDA LEE REESER
PID: 01-15-17-300-005
NON PARTICIPATING
DOUGLAS COUNTY FARMS LLC
PID: 01-15-17-200-001
COUNTY ROAD 1900N
DAN C. & MARIA L. MILLER
PID: 12-0-00659-000
RIGHT-OF-WAY EASEMENT
COLES-MOULTRIE ELECTRIC COOPERATIVE
VOL. 514, PAGE 422
60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 200100623234
IL-CLW-133
23000370215-33
PARCEL 1
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00653-000
DOC. NO. 201900780731
DAN C. MILLER
PID: 12-0-00661-002
JACKIE LEE MCNARY
PID: 12-0-00661-001
JACKIE LEE MCNARY
PID: 12-0-00661-003
TUGGLE JANE & NANCY FARR
PID: 12-0-00652-000
COUNTY ROAD 1300E
OIL & GAS LEASE
GRANVILLE STEWART PAPER
BOOK 329, PAGE 1
IL-CLW-132
23000370215-62
PARCEL 4
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00657-000
DOC. NO. 201800779578
IL-CLW-003
23000370215-03
PARCEL 4
ERIC N. HEADRICK AND KELLY L. HEADRICK
CALLED 30 ACRES
PID: 12-0-00656-000
DOC. NO. 201000721127
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
T-5
50' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-132
23000370215-62
PARCEL 3
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00654-000
DOC. NO. 201800779578
IL-CLW-132
23000370215-62
PARCEL 5
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00655-000
DOC. NO. 201800779578
60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 200100632251
T-6
CP-01
PROPOSED CRANE PATH (TYP.)
SEDIMENT CONTROL TO BE REMOVED DURING CRANE WALK | SW-66
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
IL-CLW-003
23000370215-03
PARCEL 1
ERIC N. HEADRICK & KELLY L. HEADRICK
PID: 12-0-00660-000
DOC. NO. 201000721127
PROPOSED ACCESS ROAD (TYP.)
COUNTY ROAD 1400E
50' APPARENT ROAD RIGHT-OF-WAY
ROAD-T6
ROAD-T5
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 0632790
VEHICLE TRACKOUT CONTROL SW-40 | C710
60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 0632790
EC-09
EC-10
EC-11
COUNTY ROAD 1800N
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
COLES
DT
DL
P-PUG
PSC
POH
670
672
674
676
678
680
682
684
686
688
690

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
– – –	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
900	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
X	EX. FENCE
▭	EX. BUILDING
POH	EX. OVERHEAD POWER
– – –	EASEMENT
– · · –	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
▨	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
▨	EX. CULTURAL AREAS
▨	EX. DUMPING AREAS
▨	EX. SANDPIPER HABITAT
▨	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
– – –	NON-PARTICIPATING PARCEL SETBACK
– – –	NON-PARTICIPATING RESIDENCE SETBACK
– · –	OCCUPIED COMMUNITY BUILDING SETBACK
– · –	OVERHEAD DISTRIBUTION SETBACK
– · –	OVERHEAD TRANSMISSION SETBACK
– – –	PARTICIPATING RESIDENCE SETBACK
– – –	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

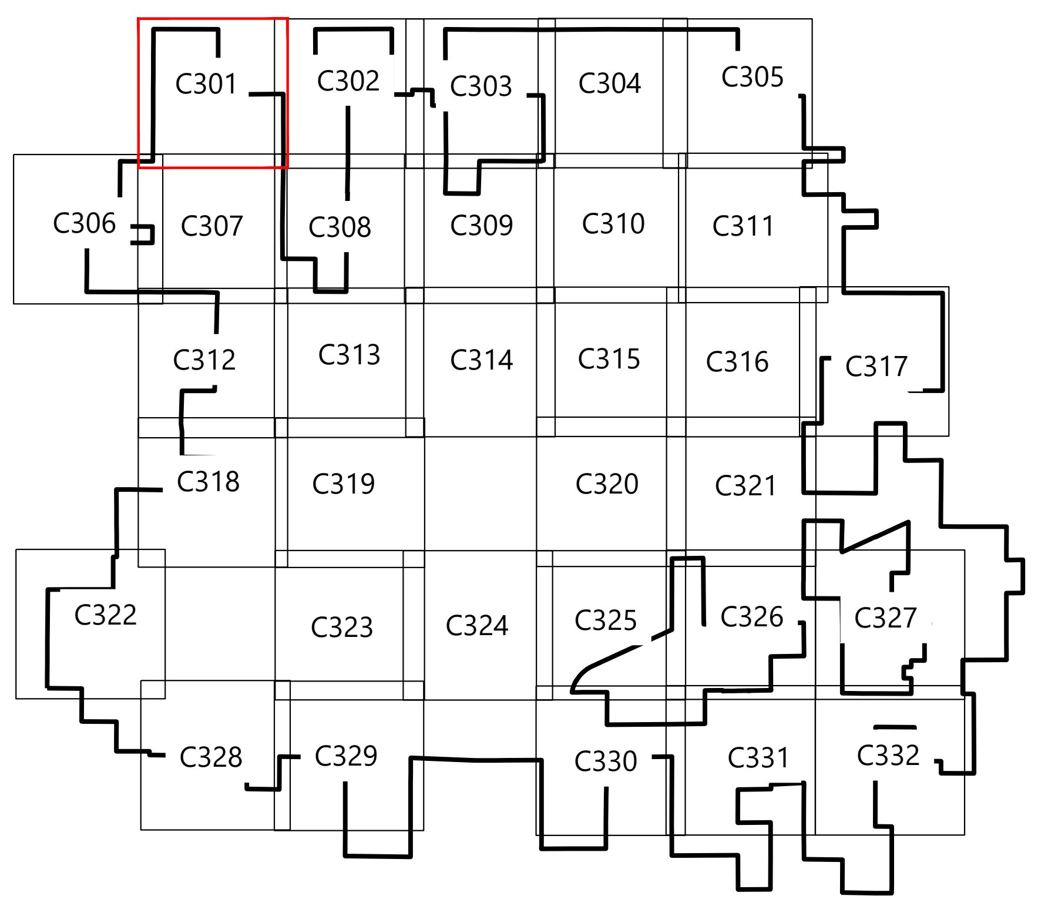
NOTES:

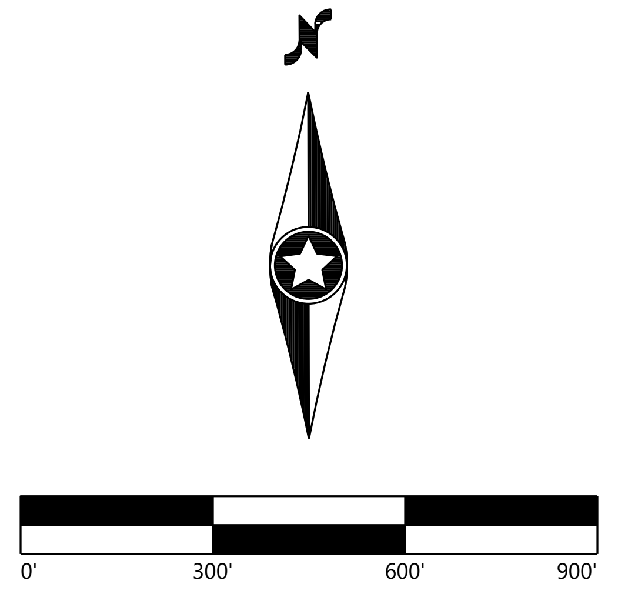
1. ALL TREE CLEARING FOR BAT HABITAT MUST BE COMPLETED BETWEEN NOVEMBER 16 TO MARCH 31.
2. AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
3. CONTRACTOR LO LOCATE CONCRETE WASHOUTS PER DETAIL SW-60 AS NEEDED.
4. UNDERGROUND UTILITY LOCATIONS WERE NOT IDENTIFIED IN THE PROJECT SURVEY, CONTRACTOR TO FIELD VERIFY UNDERGROUND UTILITY LOCATIONS IN CONJUNCTION WITH EXISTING UTILITY EASEMENT LOCATIONS

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
3. QUALIFIED, TRAINED, AND KNOWLEDGEABLE PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
4. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECESSARY.
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
   - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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062-077157
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T5, T6

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C301

REV: 5

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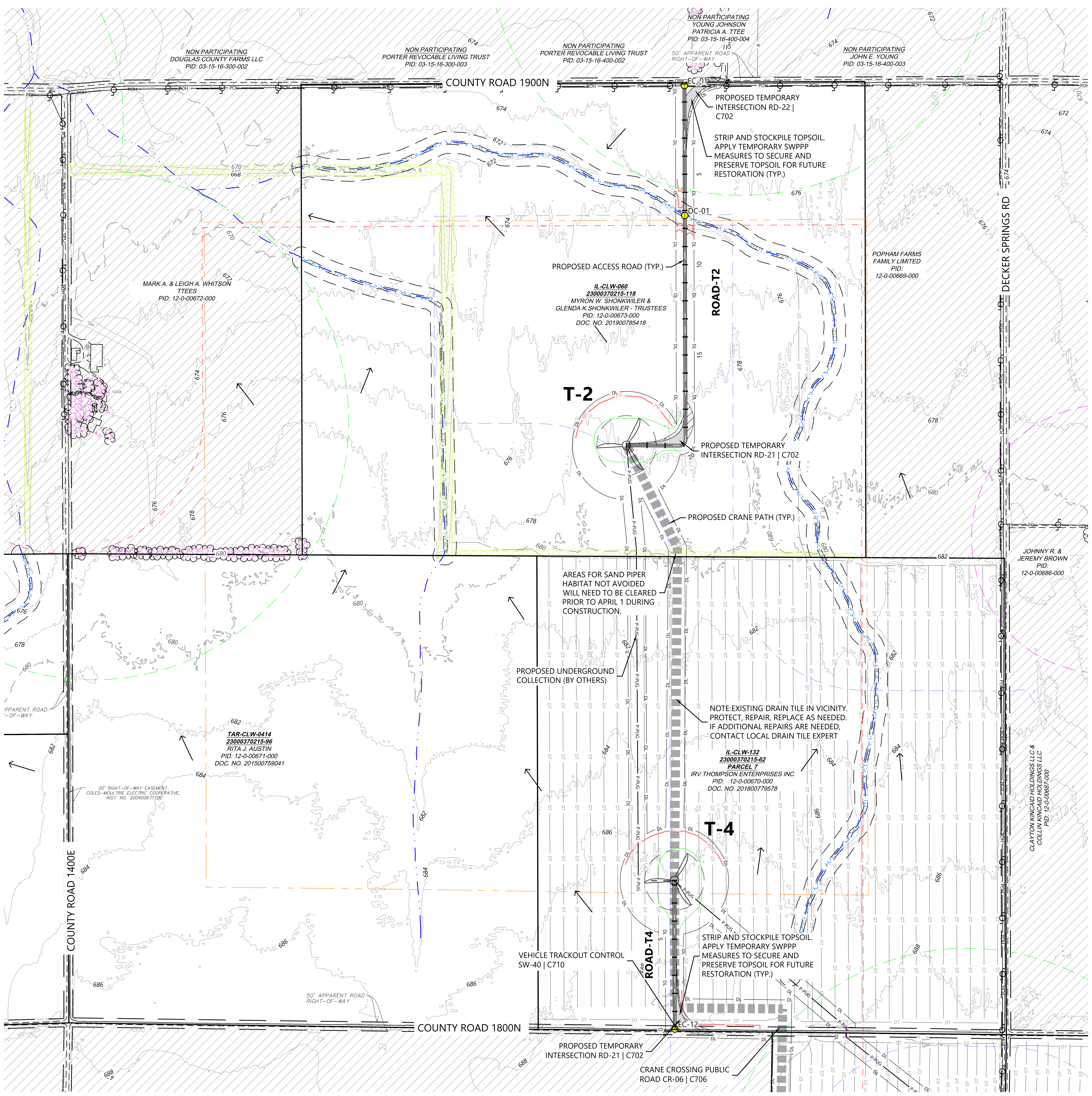
NON PARTICIPATING
DOUGLAS COUNTY FARMS LLC
PID: 03-15-16-300-002
NON PARTICIPATING
PORTER REVOCABLE LIVING TRUST
PID: 03-15-16-300-003
NON PARTICIPATING
PORTER REVOCABLE LIVING TRUST
PID: 03-15-16-400-002
NON PARTICIPATING
YOUNG JOHNSON
PATRICIA A. TTEE
PID: 03-15-16-400-004
50' APPARENT ROAD RIGHT-OF-WAY
NON PARTICIPATING
JOHN E. YOUNG
PID: 03-15-16-400-003
COUNTY ROAD 1900N
EC-01
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
DC-01
DECKER SPRINGS RD
POPHAM FARMS FAMILY LIMITED
PID: 12-0-00669-000
PROPOSED ACCESS ROAD (TYP.)
ROAD-T2
IL-CLW-060
23000370215-118
MYRON W. SHONKWILER & GLENDA K.SHONKWILER - TRUSTEES
PID: 12-0-00673-000
DOC. NO. 201900785418
MARK A. & LEIGH A. WHITSON TTEES
PID: 12-0-00672-000
T-2
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
PROPOSED CRANE PATH (TYP.)
JOHNNY R. & JEREMY BROWN
PID: 12-0-00686-000
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
APPARENT ROAD -OF-WAY
TAR-CLW-0414
23000370215-96
RITA J. AUSTIN
PID: 12-0-00671-000
DOC. NO. 201500759041
20' RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE, INST. NO. 200400671700
IL-CLW-132
23000370215-62
PARCEL 7
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00670-000
DOC. NO. 201800779578
CLAYTON KINCAID HOLDINGS LLC & COLLIN KINCAID HOLDINGS LLC
PID: 12-0-00687-000
T-4
COUNTY ROAD 1400E
ROAD-T4
VEHICLE TRACKOUT CONTROL SW-40 | C710
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
50' APPARENT ROAD RIGHT-OF-WAY
COUNTY ROAD 1800N
EC-12
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
CRANE CROSSING PUBLIC ROAD CR-06 | C706
670
672
674
676
678
680
682
684
686
688

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:22 PM Sofia Lara Carrillo

LEGEND:

##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
■ ■ ■ ■	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▩	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
▩	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
▩	EX. CULTURAL AREAS
▩	EX. DUMPING AREAS
▩	EX. SANDPIPER HABITAT
▩	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
— —	PARTICIPATING RESIDENCE SETBACK
— —	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

NOTES:

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3. CONTRACTOR LO LOCATE CONCRETE WASHOUTS PER DETAIL SW-60 AS NEEDED.
4. UNDERGROUND UTILITY LOCATIONS WERE NOT IDENTIFIED IN THE PROJECT SURVEY, CONTRACTOR TO FIELD VERIFY UNDERGROUND UTILITY LOCATIONS IN CONJUNCTION WITH EXISTING UTILITY EASEMENT LOCATIONS

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3. QUALIFIED, TRAINED, AND KNOWLEDGEABLE PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
4. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECESSARY.
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
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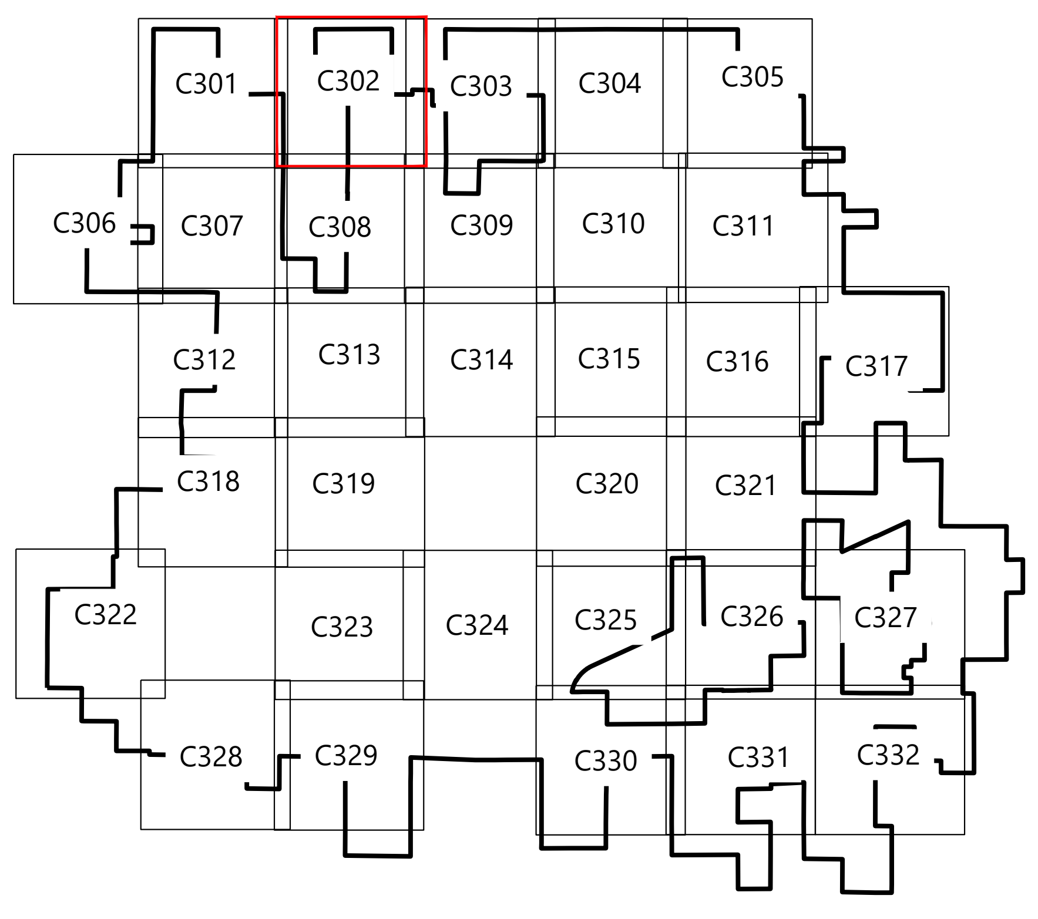
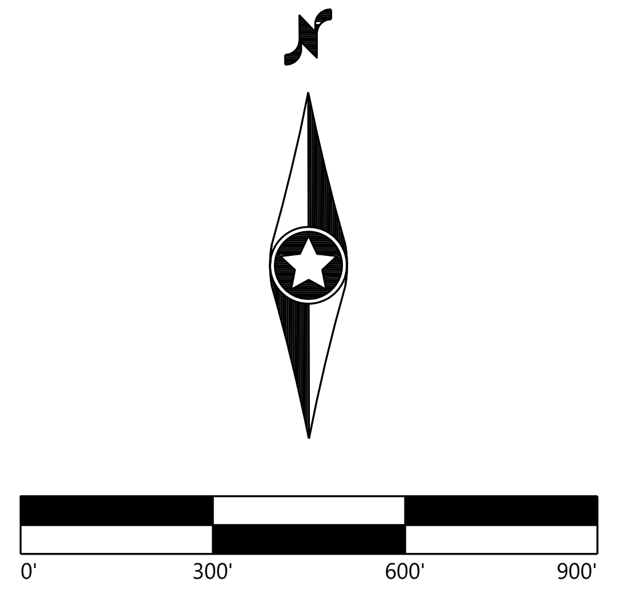
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER
PAIGE R. MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

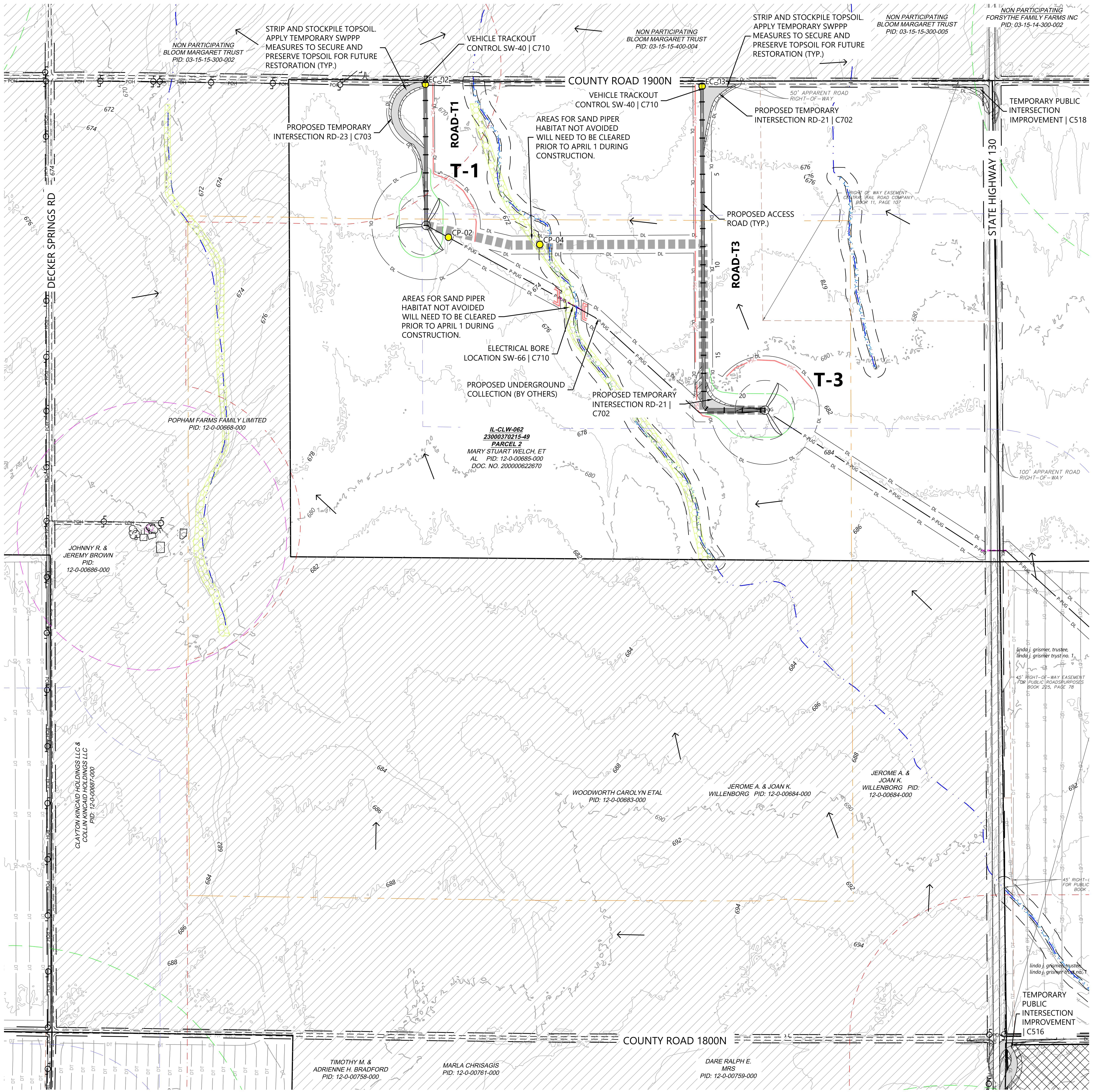
Site Plan - T2, T4

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C302

REV: 5


NON PARTICIPATING
BLOOM MARGARET TRUST
PID: 03-15-15-300-002
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
NON PARTICIPATING
BLOOM MARGARET TRUST
PID: 03-15-15-400-004
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
NON PARTICIPATING
BLOOM MARGARET TRUST
PID: 03-15-15-300-005
NON PARTICIPATING
FORSYTHE FAMILY FARMS INC
PID: 03-15-14-300-002
COUNTY ROAD 1900N
EC-02
EC-03
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
ROAD-T1
T-1
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
50' APPARENT ROAD RIGHT-OF-WAY
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C518
PROPOSED ACCESS ROAD (TYP.)
RIGHT OF WAY EASEMENT CENTRAL RAIL ROAD COMPANY BOOK 11, PAGE 107
STATE HIGHWAY 130
DECKER SPRINGS RD
CP-02
CP-04
ROAD-T3
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
ELECTRICAL BORE LOCATION SW-66 | C710
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
T-3
POPHAM FARMS FAMILY LIMITED
PID: 12-0-00668-000
IL-CLW-062
23000370215-49
PARCEL 2
MARY STUART WELCH, ET AL PID: 12-0-00685-000
DOC. NO. 200000622670
100' APPARENT ROAD RIGHT-OF-WAY
JOHNNY R. & JEREMY BROWN
PID: 12-0-00686-000
linda j. grismer, trustee, linda j. grismer trust no. 1
45' RIGHT-OF-WAY EASEMENT FOR PUBLIC ROADSPURPOSES BOOK 225, PAGE 78
CLAYTON KINCAID HOLDINGS LLC & COLLIN KINCAID HOLDINGS LLC
PID: 12-0-00687-000
WOODWORTH CAROLYN ETAL
PID: 12-0-00683-000
JEROME A. & JOAN K. WILLENBORG PID: 12-0-00684-000
JEROME A. & JOAN K. WILLENBORG PID: 12-0-00684-000
linda j. grismer, trustee, linda j. grismer trust no. 1
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C516
COUNTY ROAD 1800N
TIMOTHY M. & ADRIENNE H. BRADFORD
PID: 12-0-00758-000
MARLA CHRISAGIS
PID: 12-0-00761-000
DARE RALPH E. MRS
PID: 12-0-00759-000
POH
DL
P-PUG
PSC
DT
5
10
15
20
670
672
674
676
678
680
682
684
686
688
690
692
694

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
	PROPOSED FACILITIES
	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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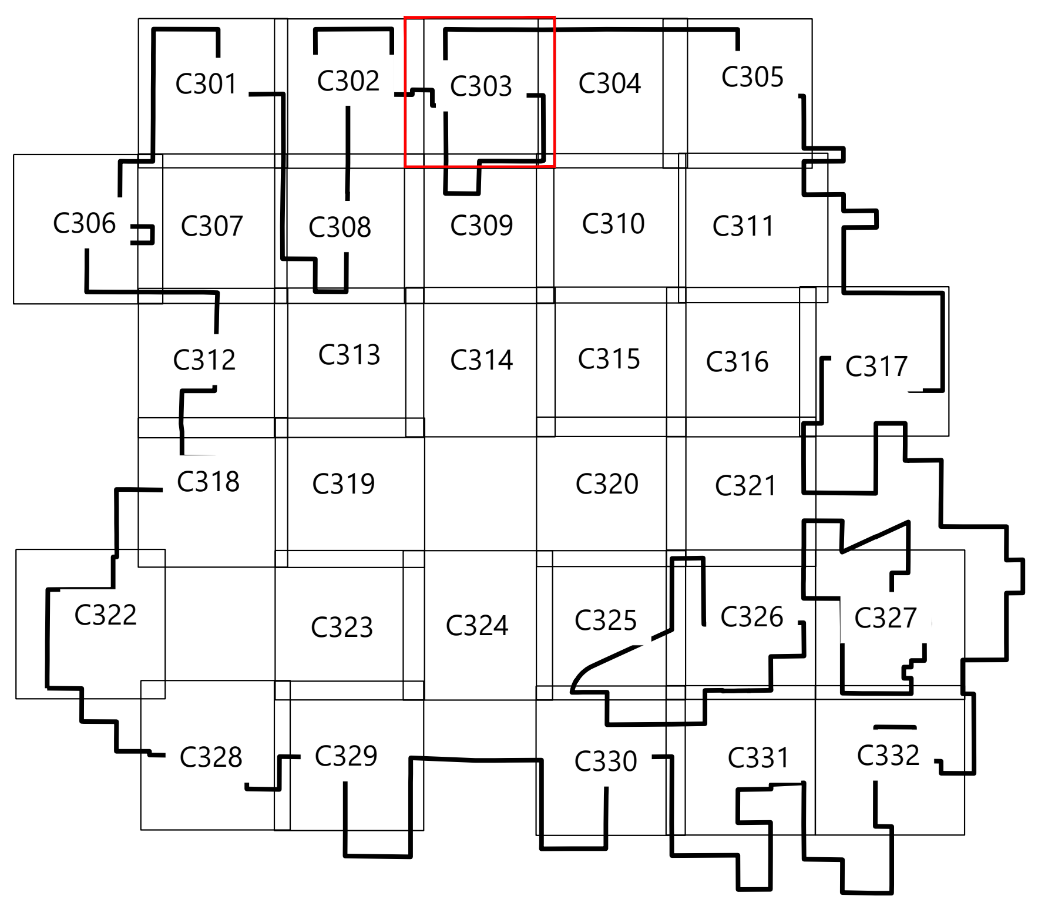
    5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



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Paige Mortenson
EXP: 11/30/25

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REVISIONS:

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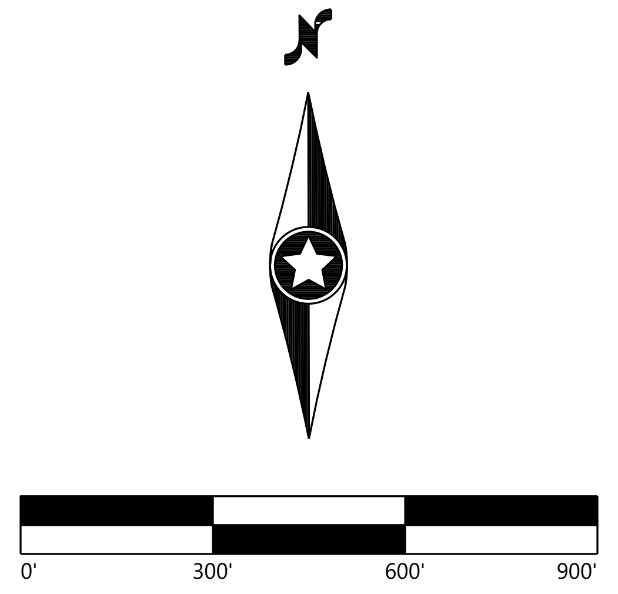
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Site Plan - T1, T3

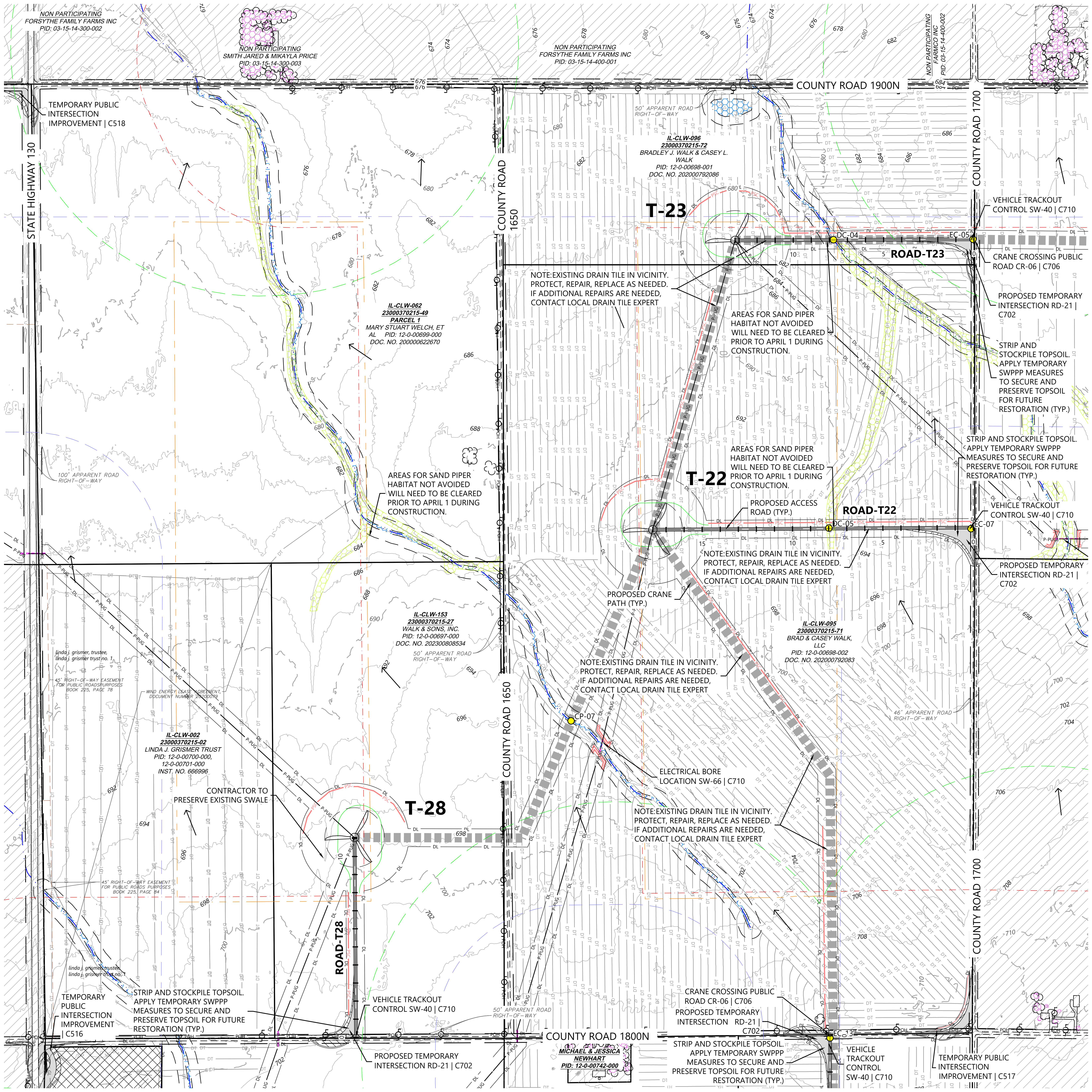
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C303

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:22 PM Sofia Lara Carrillo


NON PARTICIPATING
FORSYTHE FAMILY FARMS INC
PID: 03-15-14-300-002
NON PARTICIPATING
SMITH JARED & MIKAYLA PRICE
PID: 03-15-14-300-003
NON PARTICIPATING
FORSYTHE FAMILY FARMS INC
PID: 03-15-14-400-001
NON PARTICIPATING
FARMCO INC
PID: 03-15-14-400-002
COUNTY ROAD 1900N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C518
STATE HIGHWAY 130
COUNTY ROAD 1650
COUNTY ROAD 1700
50' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-096
23000370215-72
BRADLEY J. WALK & CASEY L. WALK
PID: 12-0-00698-001
DOC. NO. 202000792086
T-23
DC-04
EC-05
ROAD-T23
VEHICLE TRACKOUT CONTROL SW-40 | C710
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
IL-CLW-062
23000370215-49
PARCEL 1
MARY STUART WELCH, ET AL PID: 12-0-00699-000
DOC. NO. 200000622670
100' APPARENT ROAD RIGHT-OF-WAY
T-22
PROPOSED ACCESS ROAD (TYP.)
ROAD-T22
DC-05
EC-07
PROPOSED CRANE PATH (TYP.)
IL-CLW-153
23000370215-27
WALK & SONS, INC.
PID: 12-0-00697-000
DOC. NO. 202300808534
IL-CLW-095
23000370215-71
BRAD & CASEY WALK, LLC
PID: 12-0-00698-002
DOC. NO. 202000792083
46' APPARENT ROAD RIGHT-OF-WAY
linda j. grismer, trustee, linda j. grismer trust no. 1
45' RIGHT-OF-WAY EASEMENT FOR PUBLIC ROADSPURPOSES BOOK 225, PAGE 78
WIND ENERGY LEASE AGREEMENT, DOCUMENT NUMBER 20200079
IL-CLW-002
23000370215-02
LINDA J. GRISMER TRUST
PID: 12-0-00700-000, 12-0-00701-000
INST. NO. 666996
CP-07
ELECTRICAL BORE LOCATION SW-66 | C710
CONTRACTOR TO PRESERVE EXISTING SWALE
T-28
45' RIGHT-OF-WAY EASEMENT FOR PUBLIC ROADS PURPOSES BOOK 225, PAGE 84
ROAD-T28
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C516
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
COUNTY ROAD 1800N
MICHAEL & JESSICA NEWHART
PID: 12-0-00742-000
EC-13
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C517

LEGEND:

- TURBINE LOCATION
- ADLS TOWER LOCATION
- PROPOSED DRAINAGE CROSSING
- PROPOSED ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED TEMPORARY TURN
- PROPOSED OBSTACLE FREE AREA
- PROPOSED WET ROAD SEGMENTS
- DISTURBANCE LIMITS
- UNDERGROUND COLLECTION PROVIDED BY OTHERS
- PROPOSED BORING*
- PROPOSED FACILITIES
- NON-PARTICIPATING LAND**
- PARCEL LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. RIGHT OF WAY
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. RAIL ROAD
- EX. FENCE
- EX. BUILDING
- EX. OVERHEAD POWER
- EASEMENT
- EX. STREAM CHANNEL
- EX. WATER EDGE FROM PLANIMETRIC DATA
- EX. WETLAND (DELINEATED)
- EX. 50' WETLAND BUFFER
- EX. CULTURAL AREAS
- EX. DUMPING AREAS
- EX. SANDPIPER HABITAT
- EX. BAT HABITAT
- PERIMETER SEDIMENT CONTROL
- EX. DRAIN TILE*
- PAD EDGE
- FLOW ARROW
- NON-PARTICIPATING PARCEL SETBACK
- NON-PARTICIPATING RESIDENCE SETBACK
- OCCUPIED COMMUNITY BUILDING SETBACK
- OVERHEAD DISTRIBUTION SETBACK
- OVERHEAD TRANSMISSION SETBACK
- PARTICIPATING RESIDENCE SETBACK
- PUBLIC RIGHT OF WAY SETBACK

5

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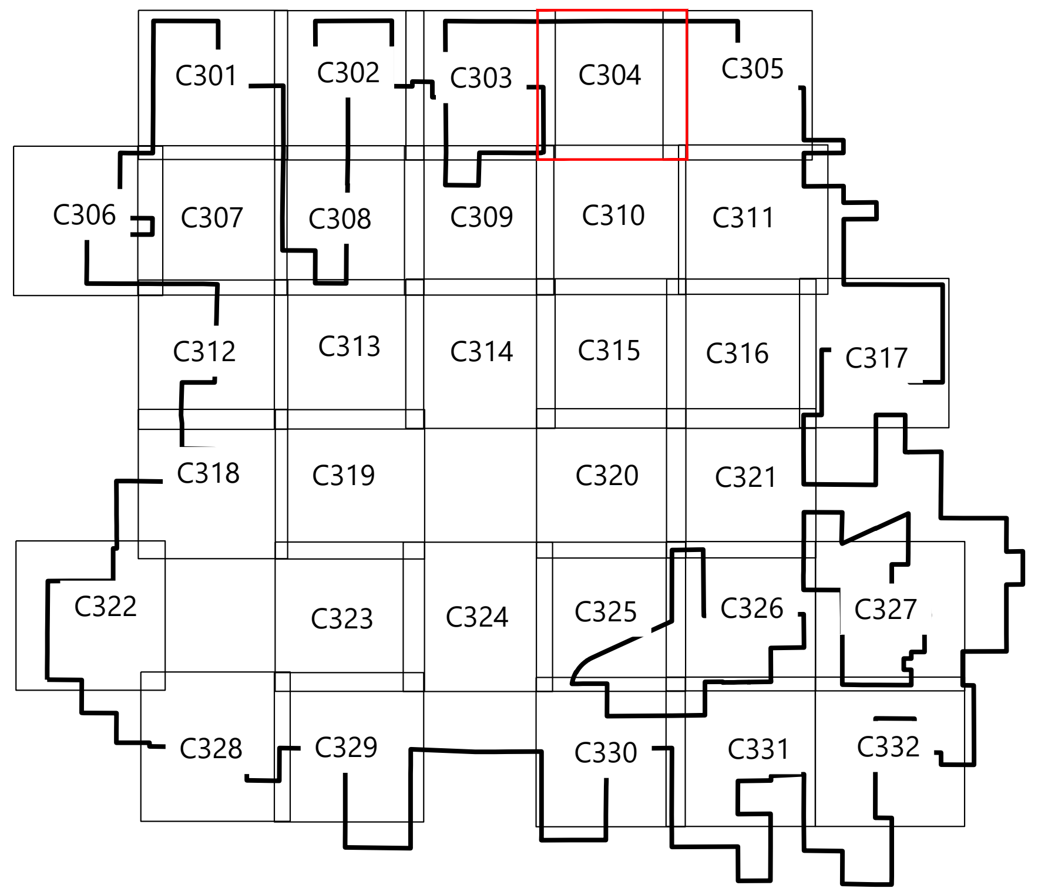
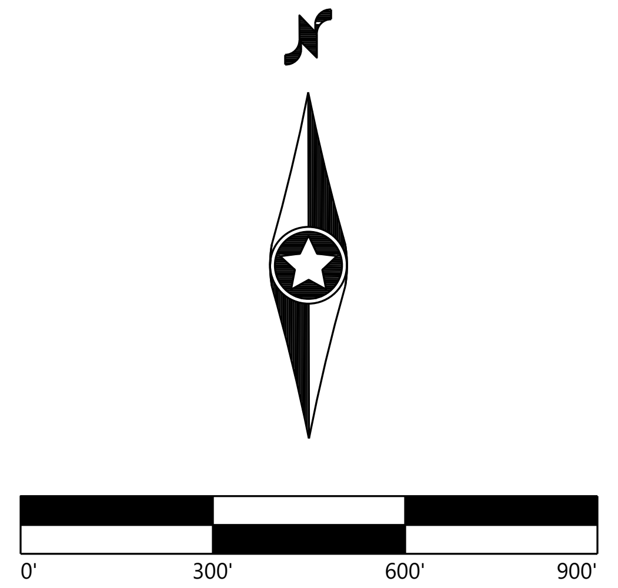
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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062-077157
10/14/25
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PREPARED FOR:

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120 Garrett St Suite 700
Charlottesville, VA 22902

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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T21, T22, T23, T27, T28

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C304

REV: 5

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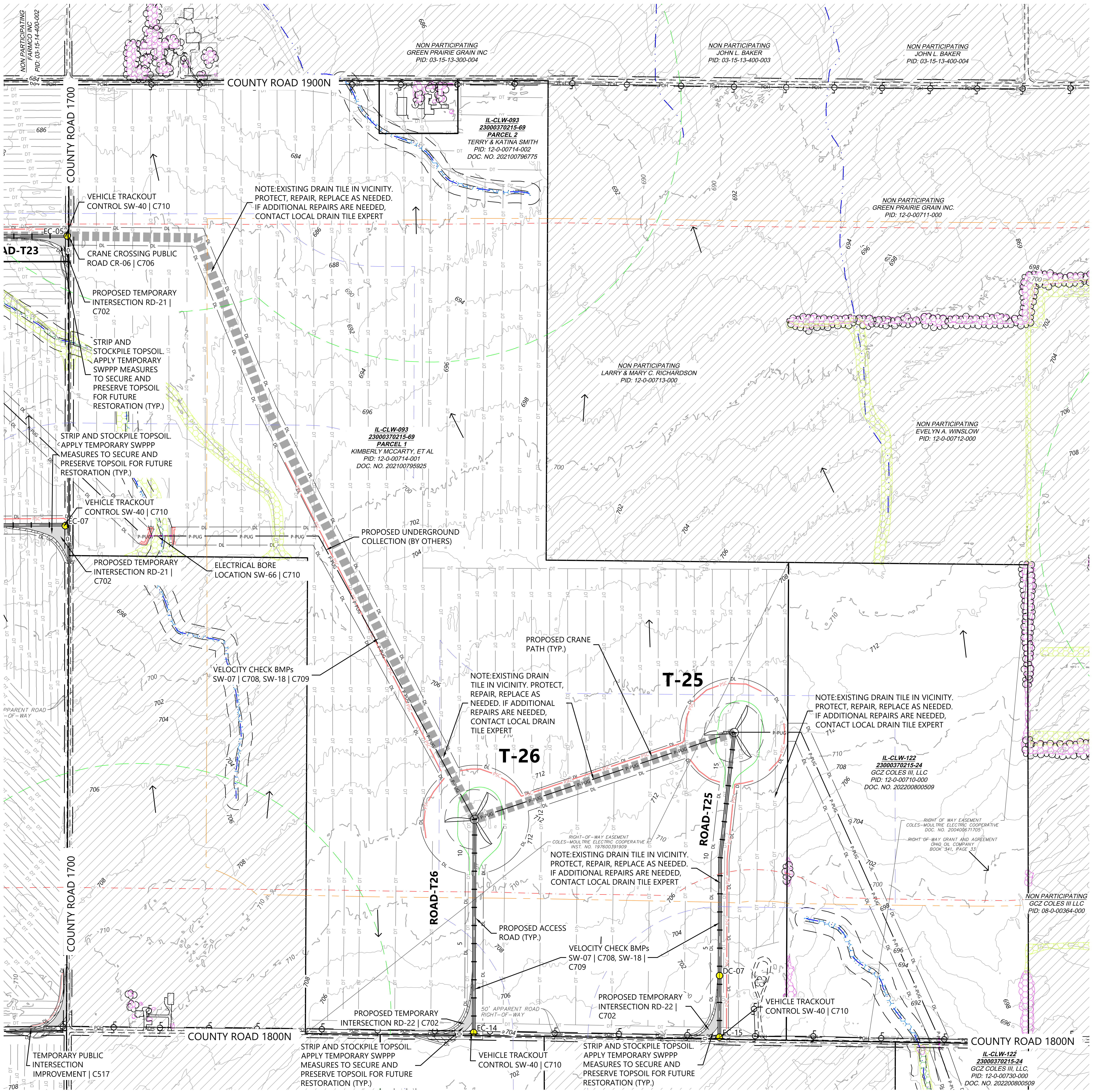
NON PARTICIPATING
FARMCO INC
PID: 03-15-14-400-002
NON PARTICIPATING
GREEN PRAIRIE GRAIN INC
PID: 03-15-13-300-004
NON PARTICIPATING
JOHN L. BAKER
PID: 03-15-13-400-003
NON PARTICIPATING
JOHN L. BAKER
PID: 03-15-13-400-004
COUNTY ROAD 1900N
COUNTY ROAD 1700
IL-CLW-093
23000370215-69
PARCEL 2
TERRY & KATINA SMITH
PID: 12-0-00714-002
DOC. NO. 202100796775
VEHICLE TRACKOUT CONTROL SW-40 | C710
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
NON PARTICIPATING
GREEN PRAIRIE GRAIN INC.
PID: 12-0-00711-000
EC-05
AD-T23
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
NON PARTICIPATING
LARRY & MARY C. RICHARDSON
PID: 12-0-00713-000
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
IL-CLW-093
23000370215-69
PARCEL 1
KIMBERLY MCCARTY, ET AL
PID: 12-0-00714-001
DOC. NO. 202100795925
NON PARTICIPATING
EVELYN A. WINSLOW
PID: 12-0-00712-000
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-07
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
ELECTRICAL BORE LOCATION SW-66 | C710
PROPOSED CRANE PATH (TYP.)
VELOCITY CHECK BMPs SW-07 | C708, SW-18 | C709
T-25
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
APPARENT ROAD RIGHT-OF-WAY
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
T-26
IL-CLW-122
23000370215-24
GCZ COLES III, LLC
PID: 12-0-00710-000
DOC. NO. 202200800509
ROAD-T25
RIGHT-OF-WAY EASEMENT
COLES-MOULTRIE ELECTRIC COOPERATIVE
INST. NO. 197600391909
RIGHT OF WAY EASEMENT
COLES-MOULTRIE ELECTRIC COOPERATIVE
DOC. NO. 200400671705
RIGHT OF WAY GRANT AND AGREEMENT
OHIO OIL COMPANY
BOOK 341, PAGE 33
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
COUNTY ROAD 1700
ROAD-T26
NON PARTICIPATING
GCZ COLES III LLC
PID: 08-0-00364-000
PROPOSED ACCESS ROAD (TYP.)
VELOCITY CHECK BMPs SW-07 | C708, SW-18 | C709
DC-07
50' APPARENT ROAD RIGHT-OF-WAY
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-14
EC-15
COUNTY ROAD 1800N
COUNTY ROAD 1800N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C517
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
IL-CLW-122
23000370215-24
GCZ COLES III, LLC,
PID: 12-0-00730-000
DOC. NO. 202200800509

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:23 PM Sofia Lara Carrillo

LEGEND:

##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
✕✕✕✕	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
– – – –	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
——	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
~	EX. INTERVAL CONTOUR
—— ——	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
— x —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
– – – –	EASEMENT
— · · —	EX. STREAM CHANNEL
——	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡⬡⬡	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
⬡⬡⬡	EX. CULTURAL AREAS
⬡⬡⬡	EX. DUMPING AREAS
⬡⬡⬡	EX. SANDPIPER HABITAT
⬡⬡⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
——	PAD EDGE
→	FLOW ARROW
– – – –	NON-PARTICIPATING PARCEL SETBACK
– – – –	NON-PARTICIPATING RESIDENCE SETBACK
– · – ·	OCCUPIED COMMUNITY BUILDING SETBACK
– · – ·	OVERHEAD DISTRIBUTION SETBACK
– · – ·	OVERHEAD TRANSMISSION SETBACK
– – – –	PARTICIPATING RESIDENCE SETBACK
– – – –	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

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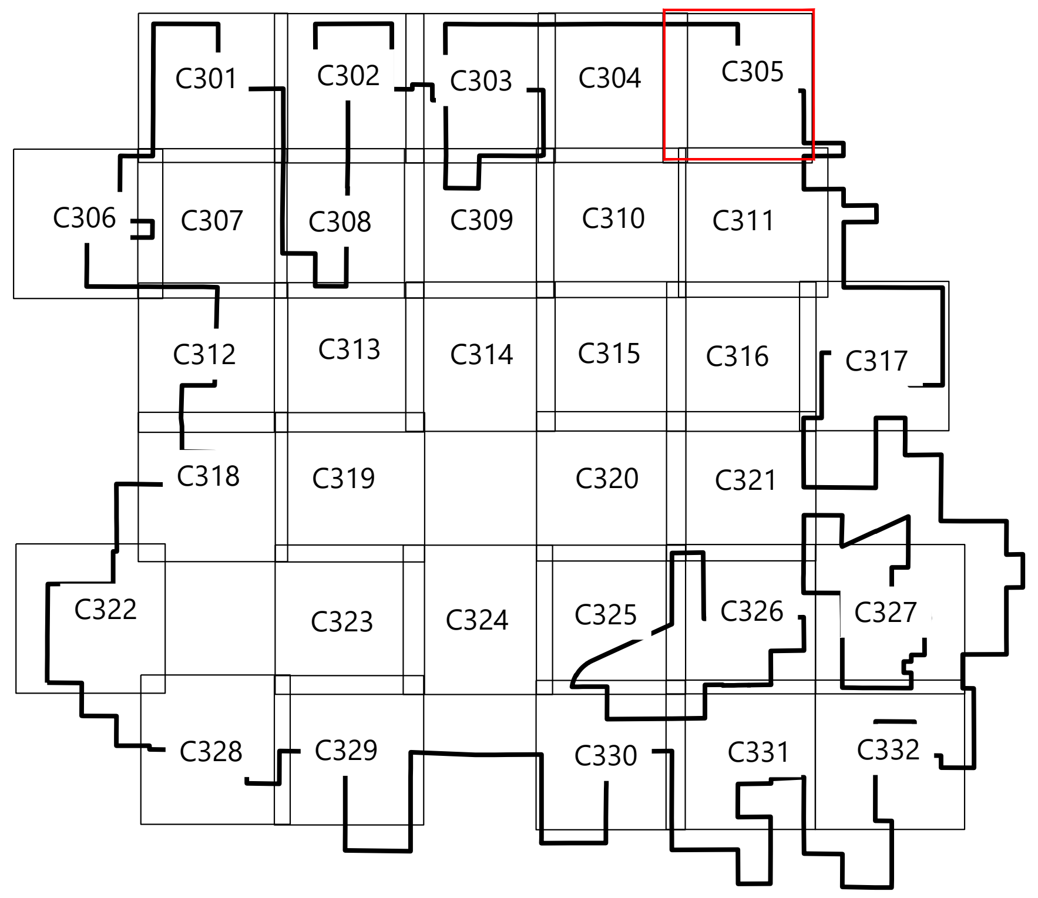
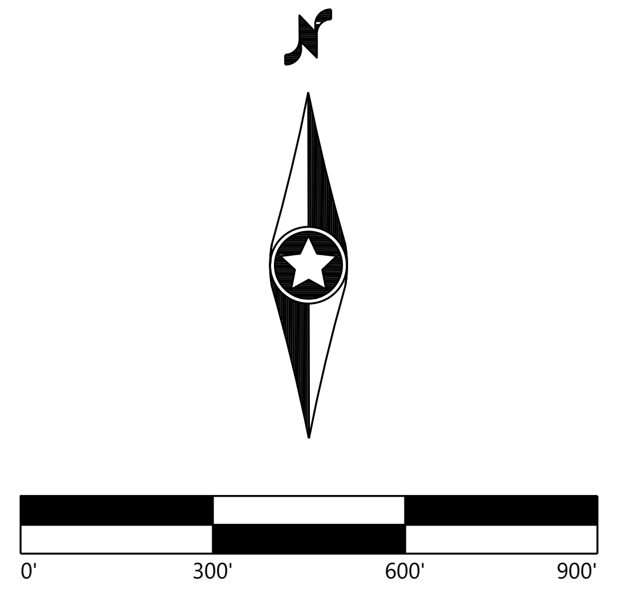
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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Plano, TX 75093
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Westwood Professional Services, Inc.

PAIGE R.
MORTENSON
062-077157
10/14/25
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

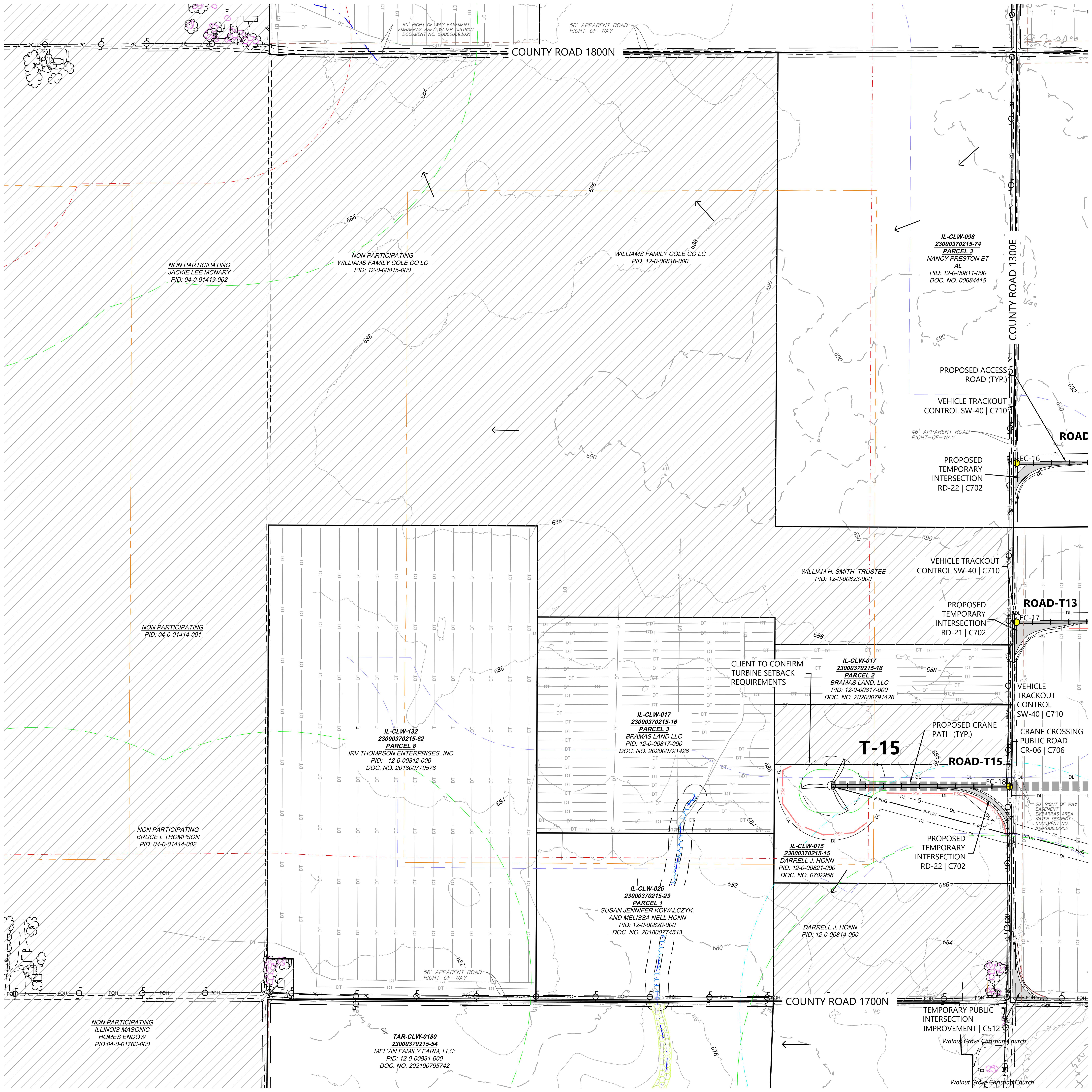
Site Plan - T24, T25, T26

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C305

REV: 5



LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
x	EX. FENCE
☐	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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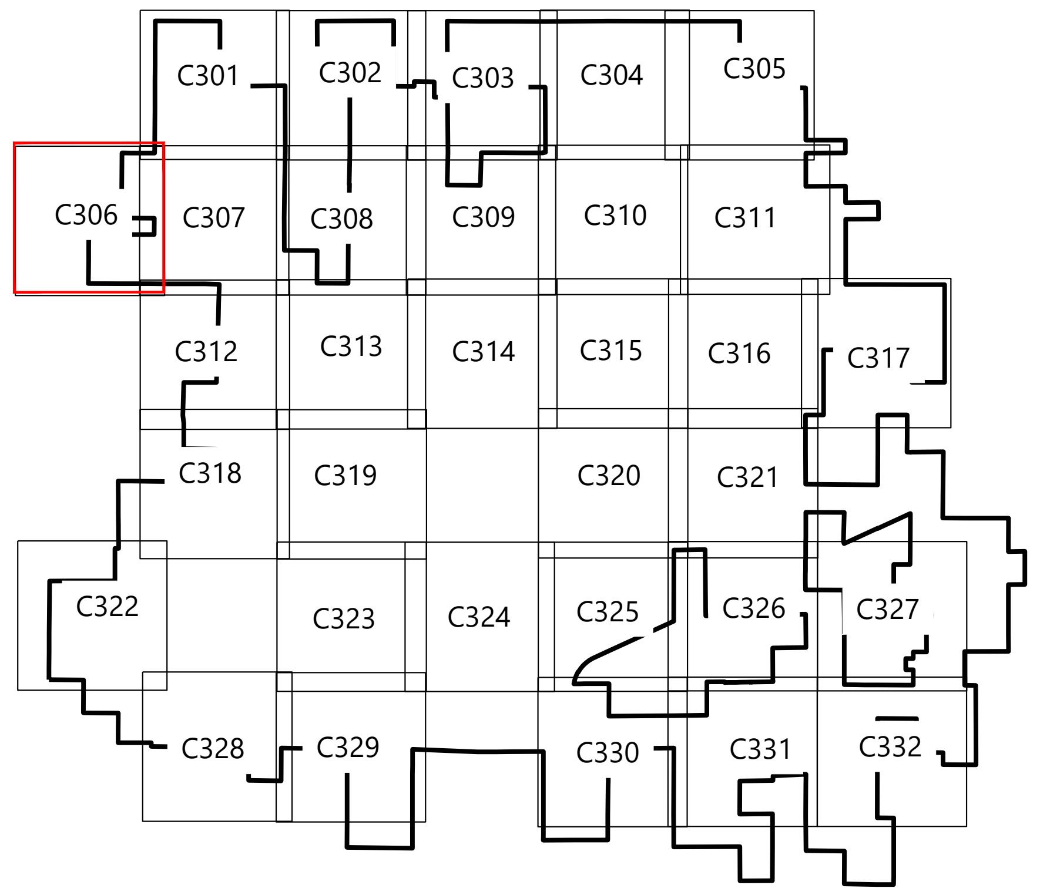
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



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10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T15

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C306

REV: 5

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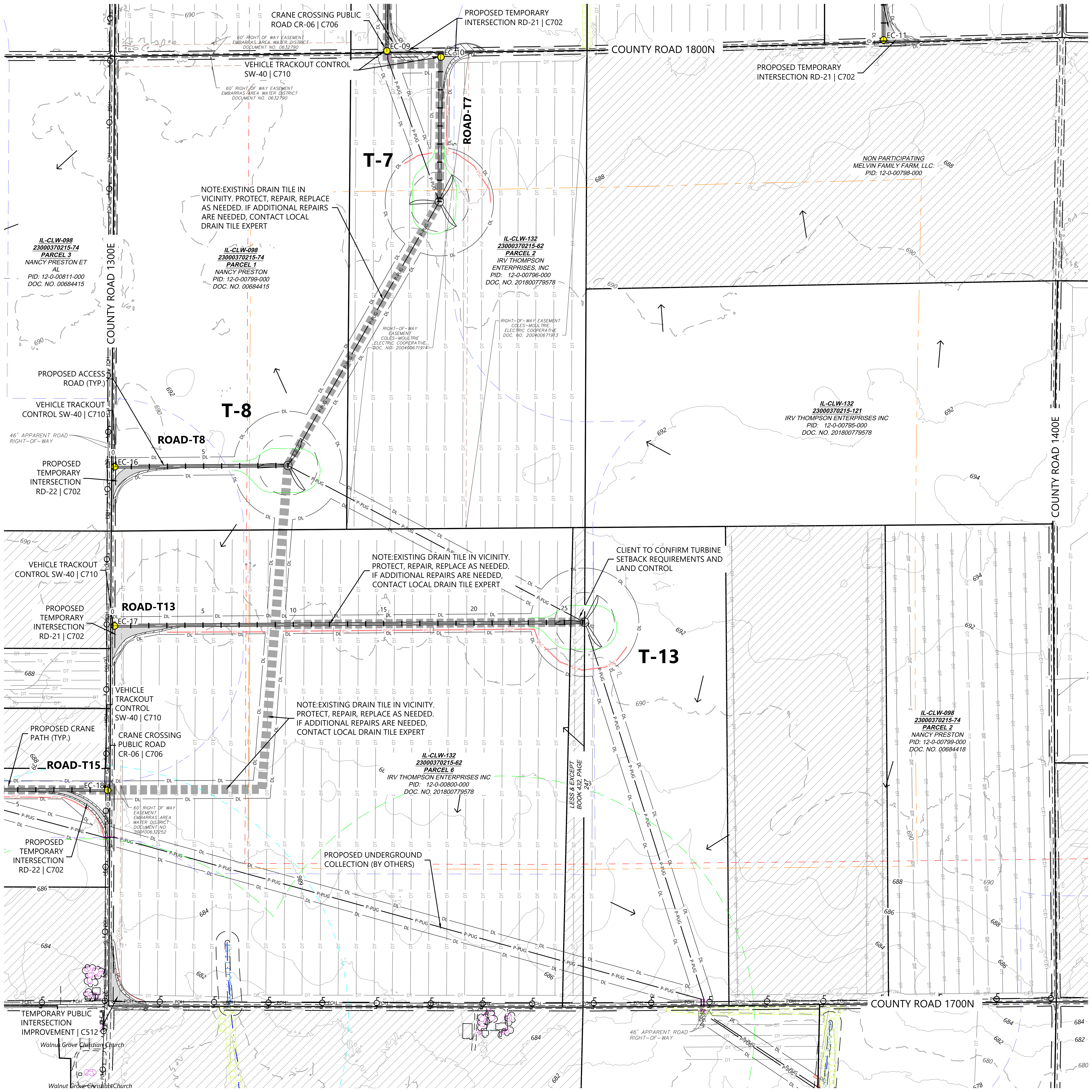
COUNTY ROAD 1800N
COUNTY ROAD 1300E
COUNTY ROAD 1400E
COUNTY ROAD 1700N
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 0632790
EC-09
EC-10
EC-11
EC-16
EC-17
EC-18
ROAD-T7
T-7
T-8
T-13
ROAD-T8
ROAD-T13
ROAD-T15
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
IL-CLW-098 23000370215-74 PARCEL 3 NANCY PRESTON ET AL PID: 12-0-00811-000 DOC. NO. 00684415
IL-CLW-098 23000370215-74 PARCEL 1 NANCY PRESTON PID: 12-0-00799-000 DOC. NO. 00684415
IL-CLW-132 23000370215-62 PARCEL 2 IRV THOMPSON ENTERPRISES, INC PID: 12-0-00796-000 DOC. NO. 201800779578
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE DOC. NO. 200400671914
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE DOC. NO. 200400671913
NON PARTICIPATING MELVIN FAMILY FARM, LLC: PID: 12-0-00798-000
IL-CLW-132 23000370215-121 IRV THOMPSON ENTERPRISES INC PID: 12-0-00795-000 DOC. NO. 201800779578
PROPOSED ACCESS ROAD (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
46" APPROACH ROAD RIGHT-OF-WAY
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
CLIENT TO CONFIRM TURBINE SETBACK REQUIREMENTS AND LAND CONTROL
IL-CLW-132 23000370215-62 PARCEL 6 IRV THOMPSON ENTERPRISES INC PID: 12-0-00800-000 DOC. NO. 201800779578
LESS & EXCEPT BOOK 432, PAGE 247
IL-CLW-098 23000370215-74 PARCEL 2 NANCY PRESTON PID: 12-0-00799-000 DOC. NO. 00684418
PROPOSED CRANE PATH (TYP.)
CRANE CROSSING PUBLIC ROAD CR-06 | C706
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100632252
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C512
Walnut Grove Christian Church
46' APPROACH ROAD RIGHT-OF-WAY
DL
P-PUG
DT
PSC
POH
5
10
15
20
25
682
684
686
688
690
692
694

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
☐	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
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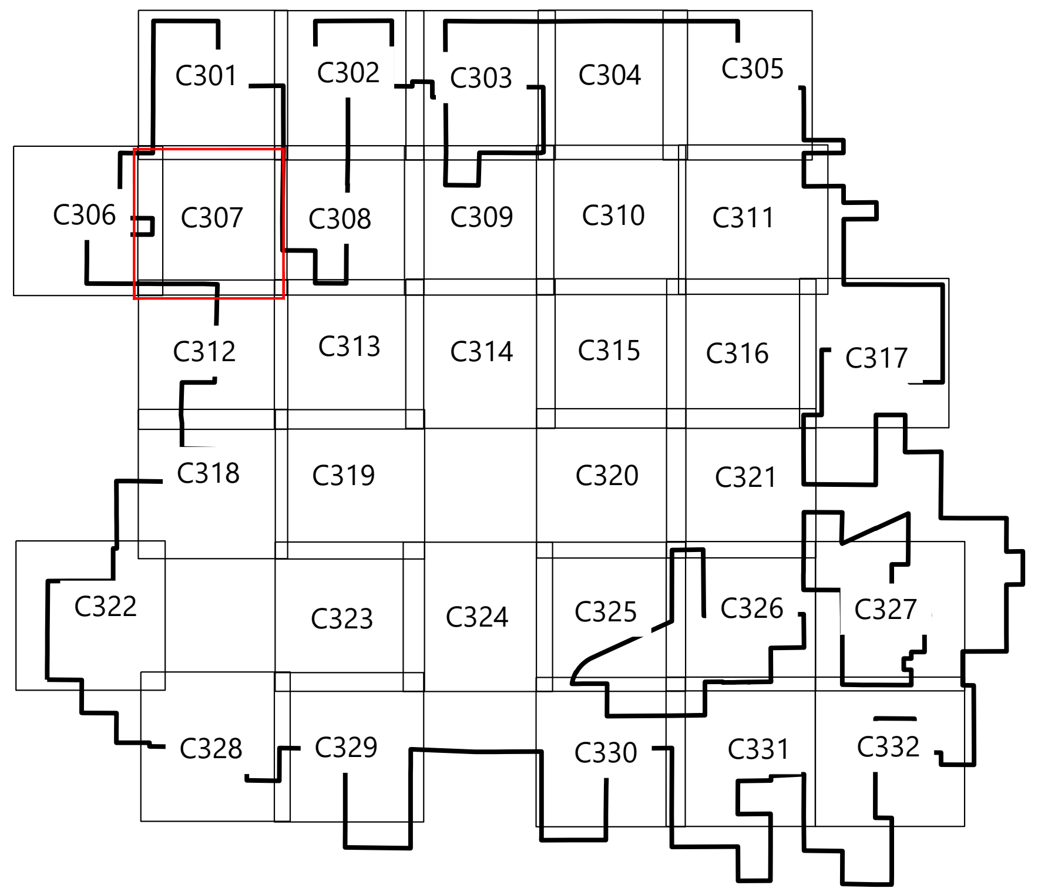
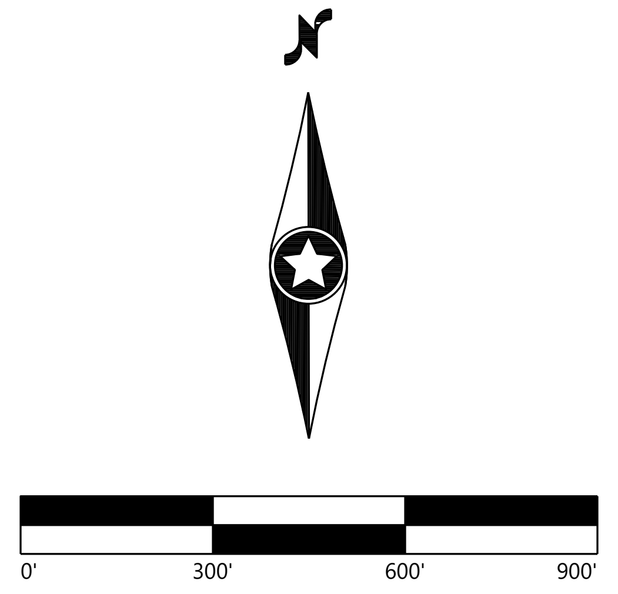
KEYMAP:





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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T7, T8, T13, T14

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C307

REV: 5

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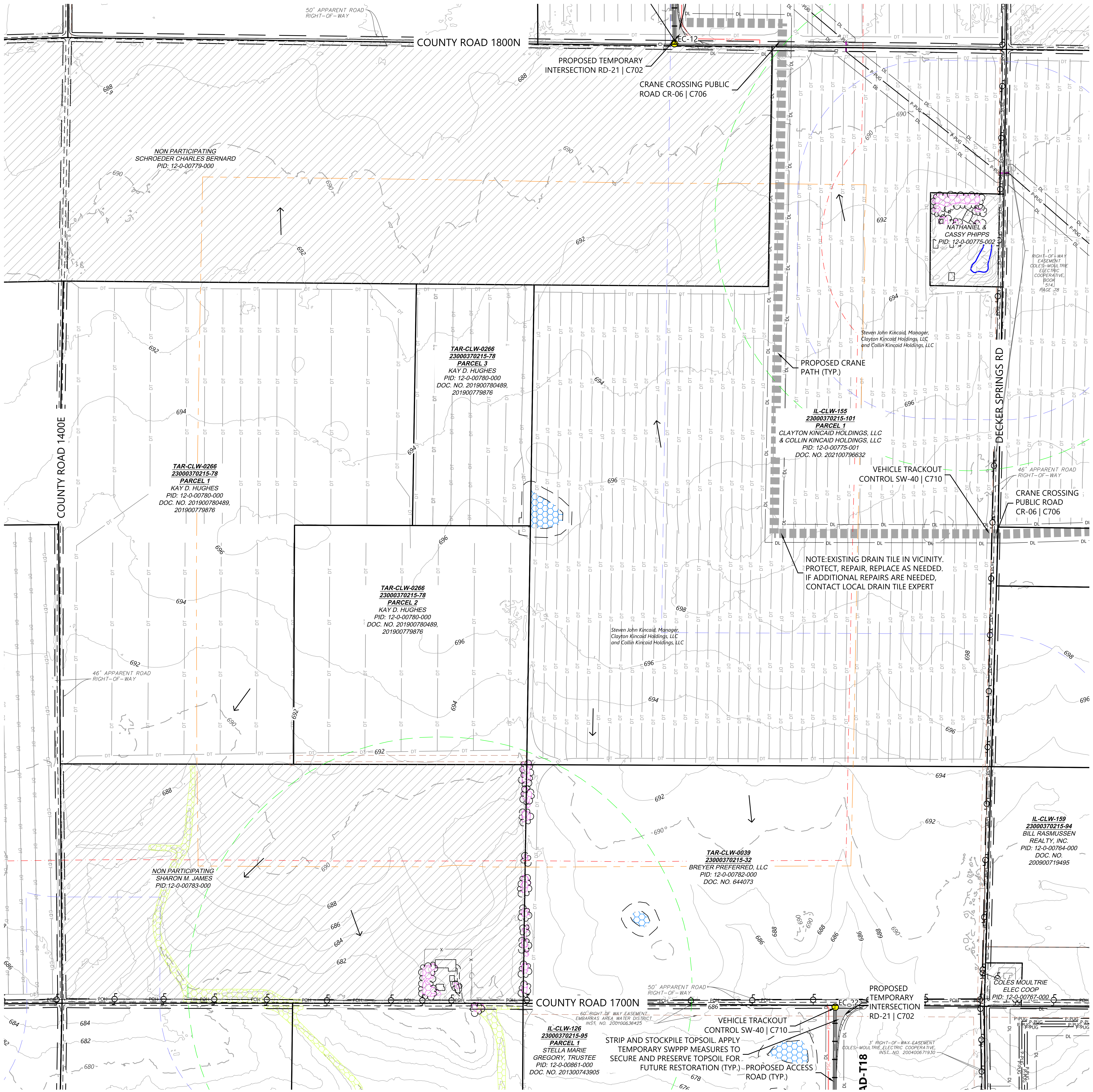
50' APPARENT ROAD RIGHT-OF-WAY
COUNTY ROAD 1800N
EC-12
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
CRANE CROSSING PUBLIC ROAD CR-06 | C706
NON PARTICIPATING
SCHROEDER CHARLES BERNARD
PID: 12-0-00779-000
NATHANIEL & CASSY PHIPPS
PID: 12-0-00775-002
1' RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE, BOOK 514, PAGE 78
Steven John Kincaid, Manager, Clayton Kincaid Holdings, LLC and Collin Kincaid Holdings, LLC
PROPOSED CRANE PATH (TYP.)
TAR-CLW-0266
23000370215-78
PARCEL 3
KAY D. HUGHES
PID: 12-0-00780-000
DOC. NO. 201900780489, 201900779876
IL-CLW-155
23000370215-101
PARCEL 1
CLAYTON KINCAID HOLDINGS, LLC & COLLIN KINCAID HOLDINGS, LLC
PID: 12-0-00775-001
DOC. NO. 202100796632
DECKER SPRINGS RD
VEHICLE TRACKOUT CONTROL SW-40 | C710
46' APPARENT ROAD RIGHT-OF-WAY
CRANE CROSSING PUBLIC ROAD CR-06 | C706
COUNTY ROAD 1400E
TAR-CLW-0266
23000370215-78
PARCEL 1
KAY D. HUGHES
PID: 12-0-00780-000
DOC. NO. 201900780489, 201900779876
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
TAR-CLW-0266
23000370215-78
PARCEL 2
KAY D. HUGHES
PID: 12-0-00780-000
DOC. NO. 201900780489, 201900779876
Steven John Kincaid, Manager, Clayton Kincaid Holdings, LLC and Collin Kincaid Holdings, LLC
46' APPARENT ROAD RIGHT-OF-WAY
NON PARTICIPATING
SHARON M. JAMES
PID:12-0-00783-000
TAR-CLW-0039
23000370215-32
BREYER PREFERRED, LLC
PID: 12-0-00782-000
DOC. NO. 644073
IL-CLW-159
23000370215-94
BILL RASMUSSEN REALTY, INC.
PID: 12-0-00764-000
DOC. NO. 200900719495
COLES MOULTRIE ELEC COOP
PID: 12-0-00767-000
50' APPARENT ROAD RIGHT-OF-WAY
COUNTY ROAD 1700N
EC-22
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100636425
VEHICLE TRACKOUT CONTROL SW-40 | C710
3' RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE, INST. NO. 200400671930
IL-CLW-126
23000370215-95
PARCEL 1
STELLA MARIE GREGORY, TRUSTEE
PID: 12-0-00861-000
DOC. NO. 201300743905
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED ACCESS ROAD (TYP.)
AD-T18
DT
DL
P-PUG
POH
PSC
676
678
680
682
684
686
688
690
692
694
696
698

LEGEND:

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■ ■ ■ ■	PROPOSED CRANE PATH
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☒	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
+++	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡	EX. WETLAND (DELINEATED)
- - -	EX. 50' WETLAND BUFFER
⬡	EX. CULTURAL AREAS
⬡	EX. DUMPING AREAS
⬡	EX. SANDPIPER HABITAT
⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
— —	PARTICIPATING RESIDENCE SETBACK
— —	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

NOTES:

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2. AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
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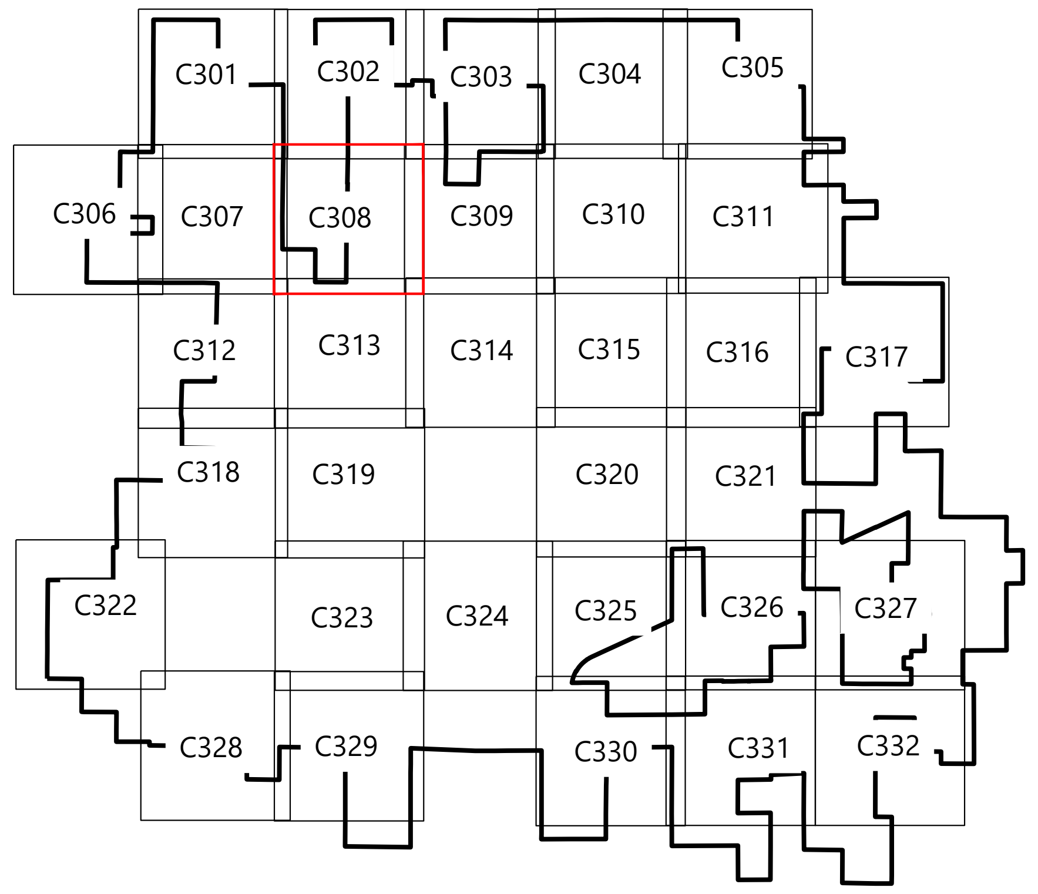
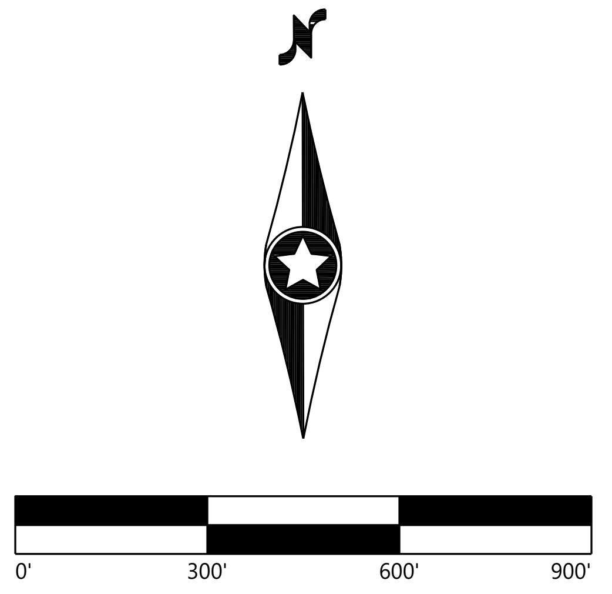
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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LICENSED PROFESSIONAL ENGINEER
PAIGE R. MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T9

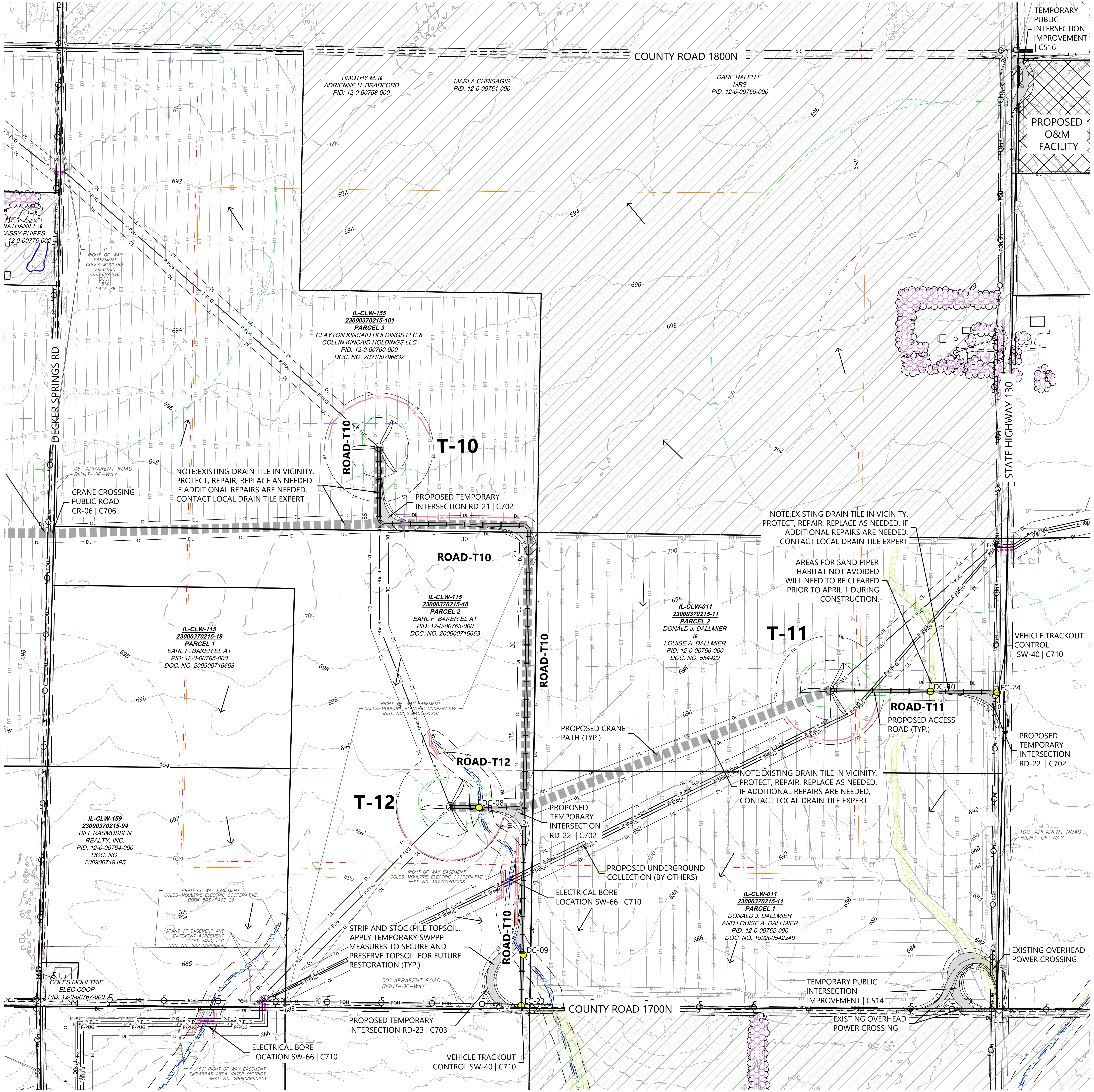
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C308

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:25 PM Sofia Lara Carrillo


COUNTY ROAD 1800N
TIMOTHY M. & ADRIENNE H. BRADFORD PID: 12-0-00758-000
MARLA CHRISAGIS PID: 12-0-00761-000
DARE RALPH E. MRS PID: 12-0-00759-000
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C516
PROPOSED O&M FACILITY
NATHANIEL & CASSY PHIPPS PID: 12-0-00775-002
1' RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE, BOOK 514, PAGE 78
IL-CLW-155 23000370215-101 PARCEL 3 CLAYTON KINCAID HOLDINGS LLC & COLLIN KINCAID HOLDINGS LLC PID: 12-0-00760-000 DOC. NO. 202100796632
DECKER SPRINGS RD
STATE HIGHWAY 130
T-10
ROAD-T10
46' APPARENT ROAD RIGHT-OF-WAY
CRANE CROSSING PUBLIC ROAD CR-06 | C706
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
IL-CLW-115 23000370215-18 PARCEL 2 EARL F. BAKER EL AT PID: 12-0-00763-000 DOC. NO. 200900716663
IL-CLW-115 23000370215-18 PARCEL 1 EARL F. BAKER EL AT PID: 12-0-00765-000 DOC. NO. 200900716663
IL-CLW-011 23000370215-11 PARCEL 2 DONALD J. DALLMIER & LOUISE A. DALLMIER PID: 12-0-00766-000 DOC. NO. 554422
T-11
ROAD-T11
PROPOSED ACCESS ROAD (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
PROPOSED CRANE PATH (TYP.)
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE INST. NO. 200400671718
ROAD-T12
T-12
DC-08
DC-09
DC-10
EC-23
EC-24
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
ELECTRICAL BORE LOCATION SW-66 | C710
IL-CLW-159 23000370215-94 BILL RASMUSSEN REALTY, INC. PID: 12-0-00764-000 DOC. NO. 200900719495
RIGHT OF WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE INST. NO. 197700402008
RIGHT OF WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE, BOOK 503, PAGE 26
GRANT OF EASEMENT AND EASEMENT AGREEMENT COLES WIND, LLC, DOC. NO. 202300809856
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
50' APPARENT ROAD RIGHT-OF-WAY
100' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-011 23000370215-11 PARCEL 1 DONALD J. DALLMIER AND LOUISE A. DALLMIER PID: 12-0-00762-000 DOC. NO. 199200542249
COLES MOULTRIE ELEC COOP PID: 12-0-00767-000
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
ELECTRICAL BORE LOCATION SW-66 | C710
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200600690213
VEHICLE TRACKOUT CONTROL SW-40 | C710
COUNTY ROAD 1700N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C514
EXISTING OVERHEAD POWER CROSSING
EXISTING OVERHEAD POWER CROSSING

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

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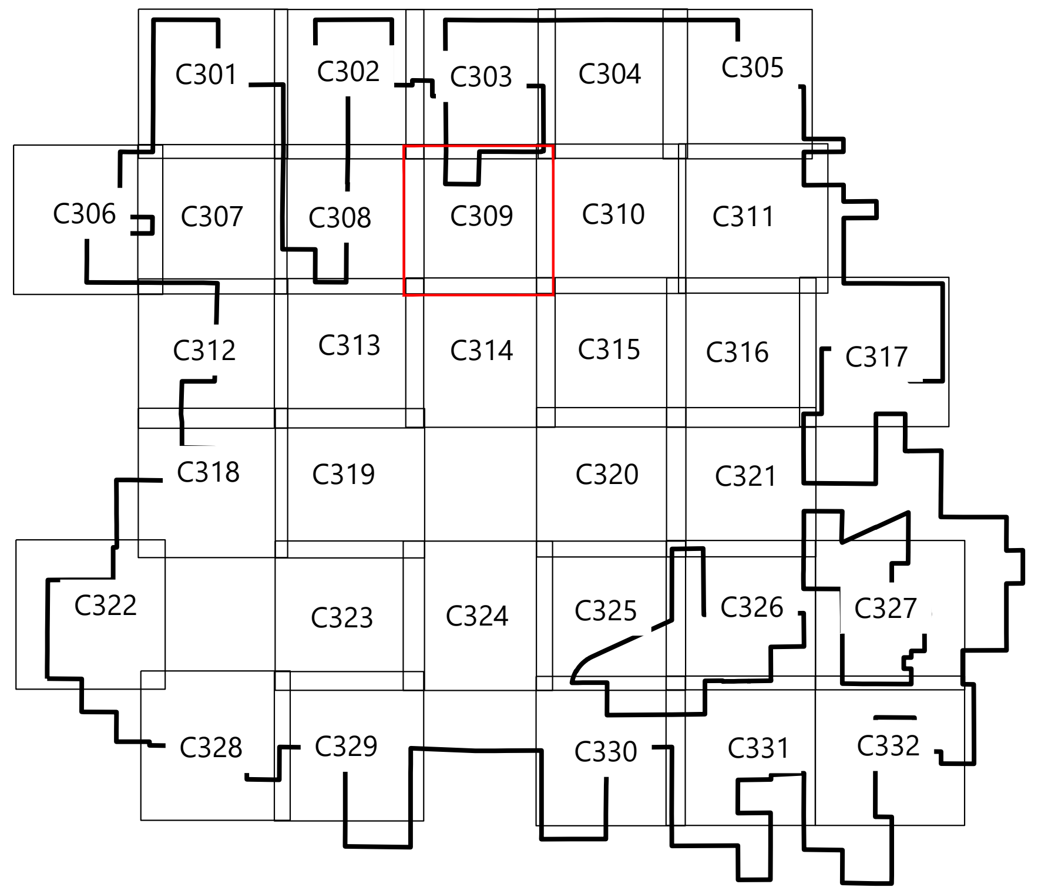
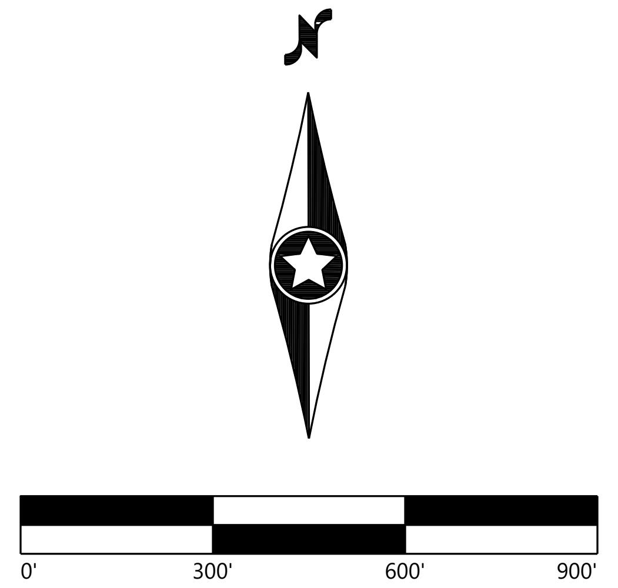
KEYMAP:





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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

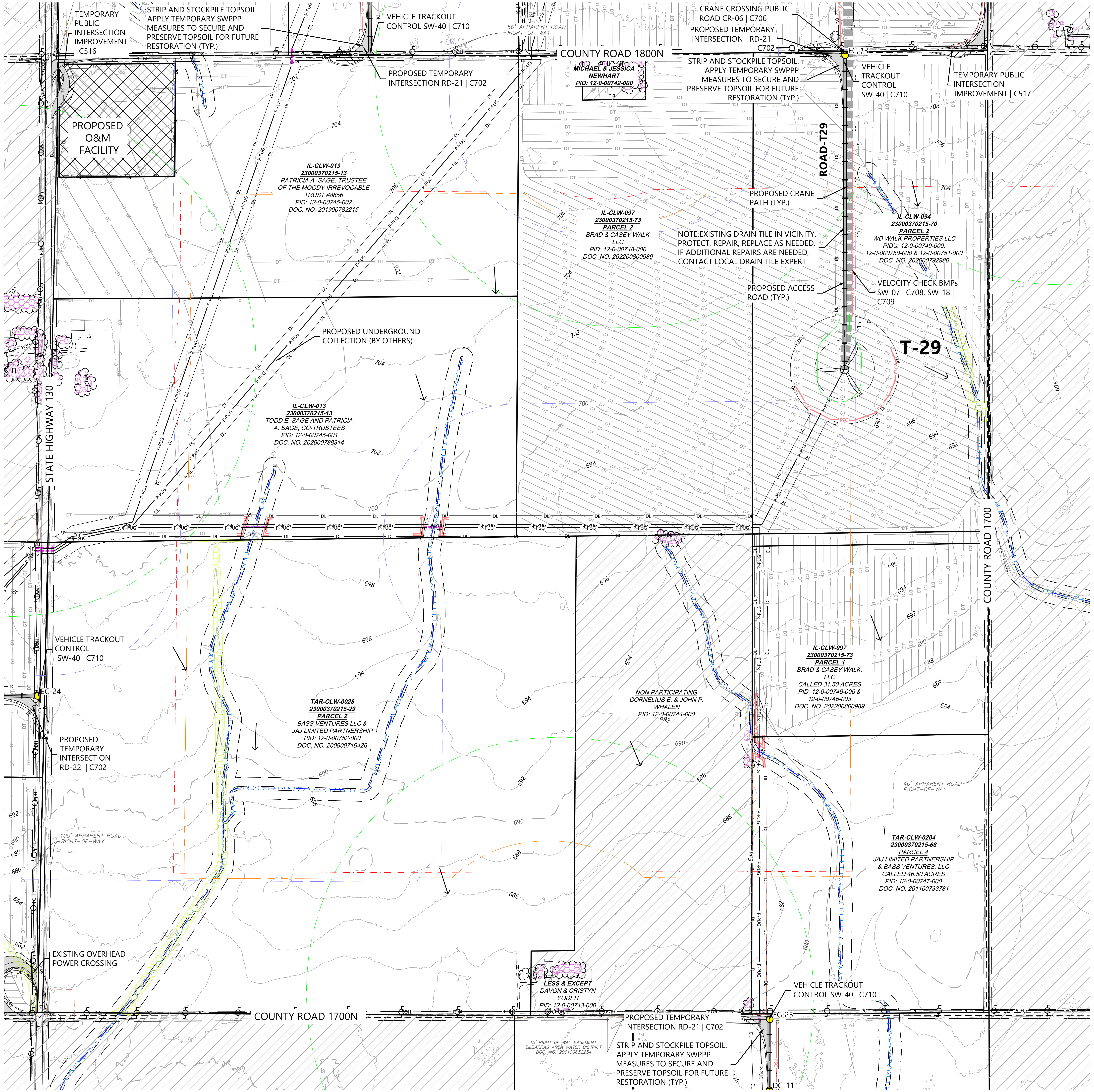
Site Plan - T10, T11, T12

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C309

REV: 5


TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C516
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
50' APPARENT ROAD RIGHT-OF-WAY
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
COUNTY ROAD 1800N
EC-13
MICHAEL & JESSICA NEWHART
PID: 12-0-00742-000
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C517
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
PROPOSED O&M FACILITY
ROAD-T29
IL-CLW-013
23000370215-13
PATRICIA A. SAGE, TRUSTEE OF THE MOODY IRREVOCABLE TRUST #8856
PID: 12-0-00745-002
DOC. NO. 201900782215
PROPOSED CRANE PATH (TYP.)
IL-CLW-097
23000370215-73
PARCEL 2
BRAD & CASEY WALK LLC
PID: 12-0-00748-000
DOC. NO. 202200800989
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
IL-CLW-094
23000370215-70
PARCEL 2
WD WALK PROPERTIES LLC
PID's: 12-0-00749-000, 12-0-000750-000 & 12-0-00751-000
DOC. NO. 202000792980
PROPOSED ACCESS ROAD (TYP.)
VELOCITY CHECK BMPs SW-07 | C708, SW-18 | C709
T-29
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
IL-CLW-013
23000370215-13
TODD E. SAGE AND PATRICIA A. SAGE, CO-TRUSTEES
PID: 12-0-00745-001
DOC. NO. 202000788314
STATE HIGHWAY 130
COUNTY ROAD 1700
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-24
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
TAR-CLW-0028
23000370215-29
PARCEL 2
BASS VENTURES LLC & JAJ LIMITED PARTNERSHIP
PID: 12-0-00752-000
DOC. NO. 200900719426
NON PARTICIPATING
CORNELIUS E. & JOHN P. WHALEN
PID: 12-0-00744-000
IL-CLW-097
23000370215-73
PARCEL 1
BRAD & CASEY WALK, LLC
CALLED 31.50 ACRES
PID: 12-0-00746-000 & 12-0-00746-003
DOC. NO. 202200800989
40' APPARENT ROAD RIGHT-OF-WAY
100' APPARENT ROAD RIGHT-OF-WAY
TAR-CLW-0204
23000370215-68
PARCEL 4
JAJ LIMITED PARTNERSHIP & BASS VENTURES, LLC
CALLED 46.50 ACRES
PID: 12-0-00747-000
DOC. NO. 201100733781
EXISTING OVERHEAD POWER CROSSING
LESS & EXCEPT
DAVON & CRISTYN YODER
PID: 12-0-00743-000
COUNTY ROAD 1700N
15' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOC. NO. 200100632254
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-25
DC-11
DL
P-PUG
DT
POH
PSC
708
706
704
702
700
698
696
694
692
690
688
686
684
682
680
5
10
15

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
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DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
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POH	EX. OVERHEAD POWER
- - -	EASEMENT
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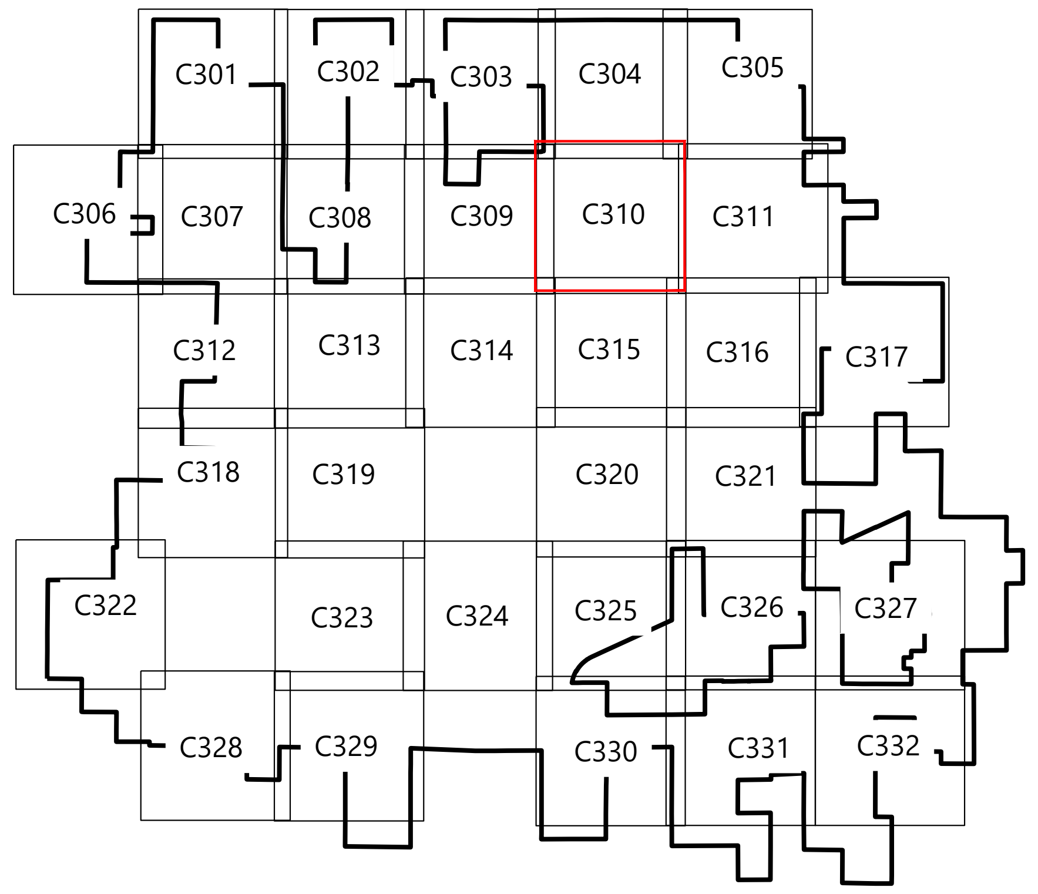

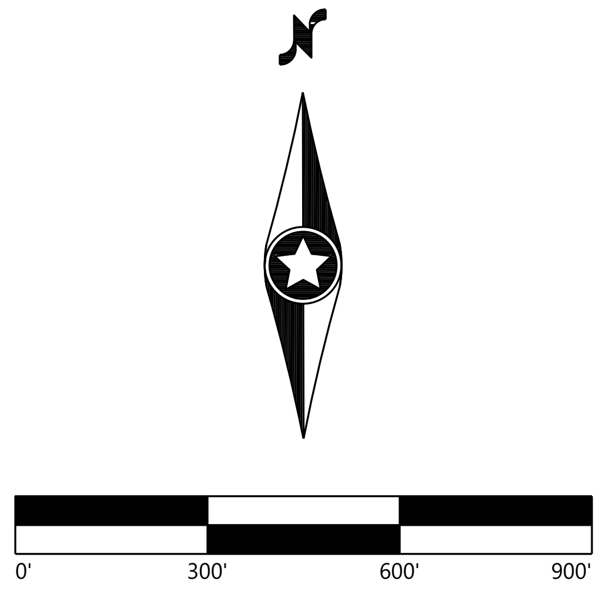

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

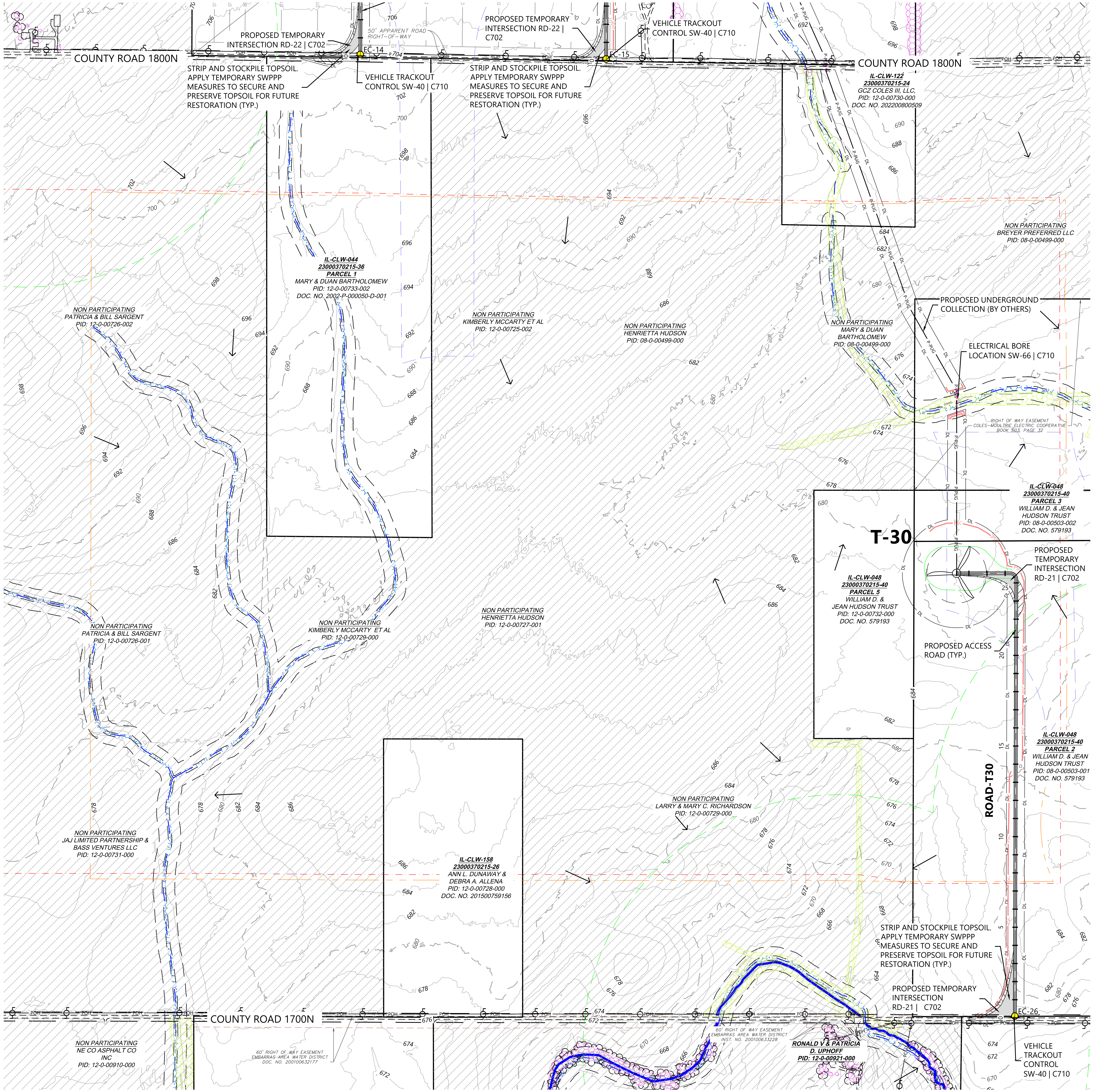
Coles Wind Project
Coles County, Illinois

Site Plan - T29

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C310
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:26 PM Sofia Lara Carrillo



LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
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	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED
**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

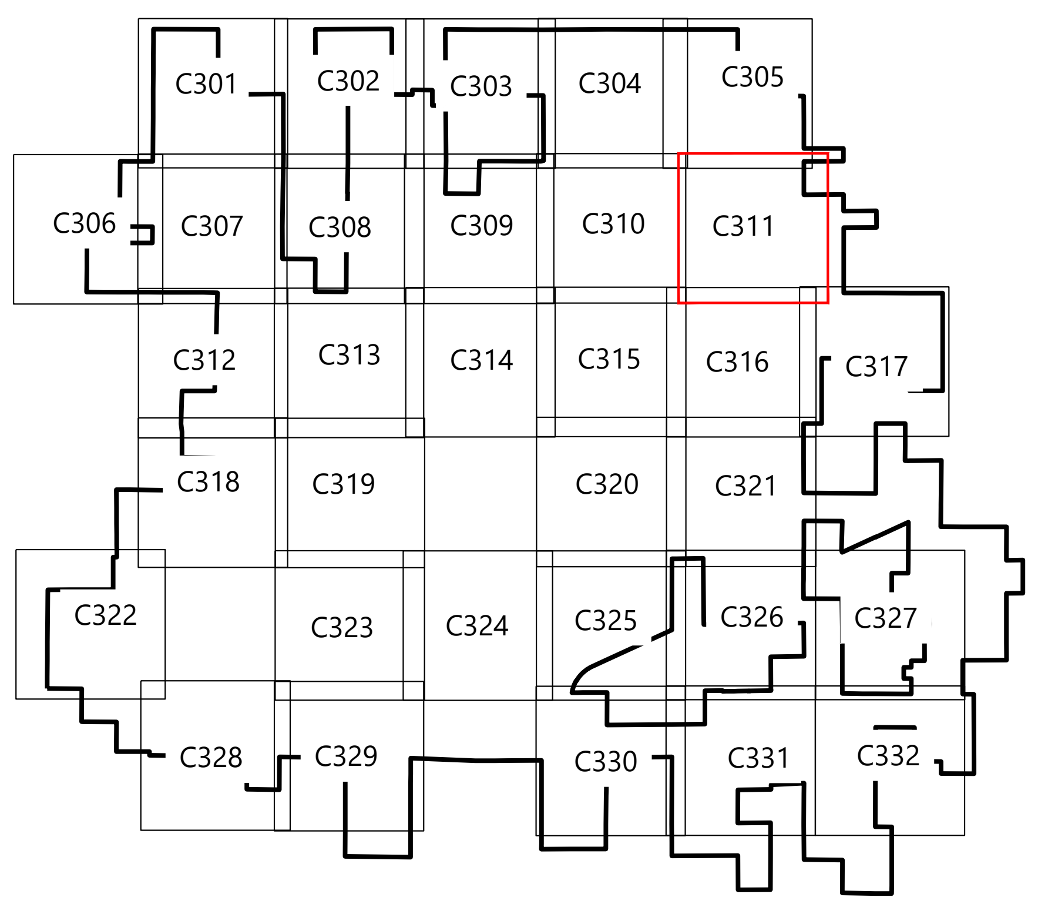
NOTES:

1. ALL TREE CLEARING FOR BAT HABITAT MUST BE COMPLETED BETWEEN NOVEMBER 16 TO MARCH 31.
2. AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
3. CONTRACTOR LO LOCATE CONCRETE WASHOUTS PER DETAIL SW-60 AS NEEDED.
4. UNDERGROUND UTILITY LOCATIONS WERE NOT IDENTIFIED IN THE PROJECT SURVEY, CONTRACTOR TO FIELD VERIFY UNDERGROUND UTILITY LOCATIONS IN CONJUNCTION WITH EXISTING UTILITY EASEMENT LOCATIONS

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
3. QUALIFIED, TRAINED, AND KNOWLEDGEABLE PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
4. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECESSARY.
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
    - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



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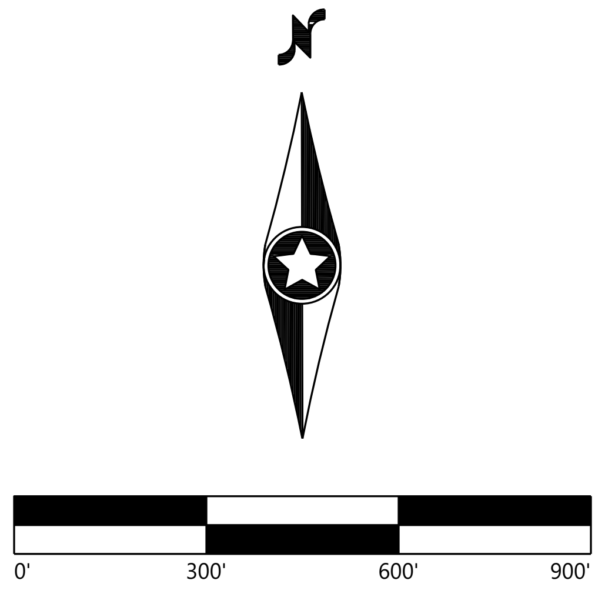
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Site Plan - T30

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C311

REV: 5

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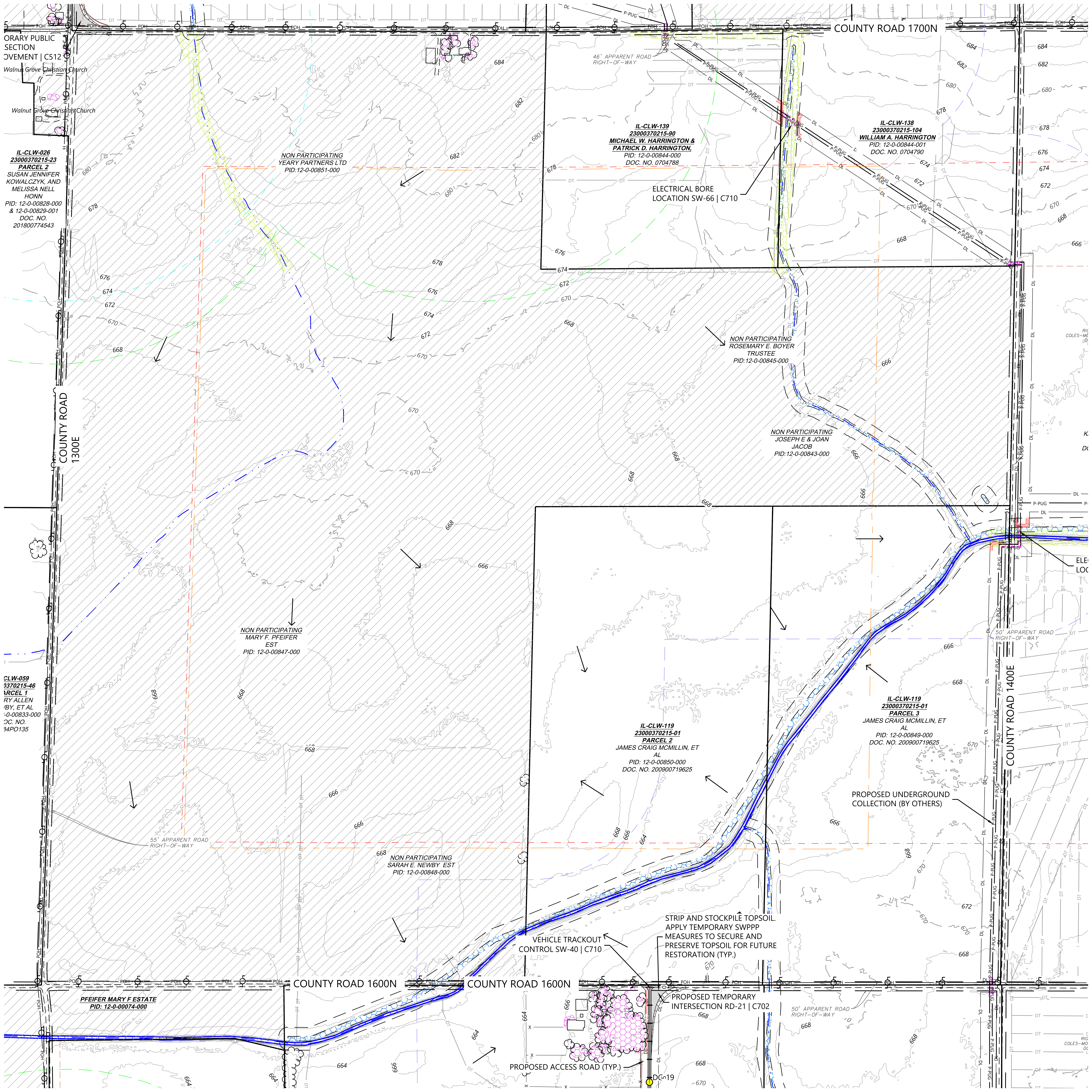

ELECTRICAL BORE LOCATION SW-66 | C710

PROPOSED UNDERGROUND COLLECTION (BY OTHERS)

VEHICLE TRACKOUT CONTROL SW-40 | C710

STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)

PROPOSED TEMPORARY INTERSECTION RD-21 | C702

PROPOSED ACCESS ROAD (TYP.)

LEGEND:

##	TURBINE LOCATION
ADLS △	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
■ ■ ■ ■	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▦	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
– – – –	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
– 900 –	EX. INDEX CONTOUR
∼	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
– – – –	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
▦	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
▦	EX. CULTURAL AREAS
▦	EX. DUMPING AREAS
▦	EX. SANDPIPER HABITAT
▦	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
– – – –	NON-PARTICIPATING PARCEL SETBACK
– – – –	NON-PARTICIPATING RESIDENCE SETBACK
– · – ·	OCCUPIED COMMUNITY BUILDING SETBACK
– · – ·	OVERHEAD DISTRIBUTION SETBACK
– · – ·	OVERHEAD TRANSMISSION SETBACK
– – – –	PARTICIPATING RESIDENCE SETBACK
– – – –	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

NOTES:

1. ALL TREE CLEARING FOR BAT HABITAT MUST BE COMPLETED BETWEEN NOVEMBER 16 TO MARCH 31.
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EROSION AND SEDIMENT CONTROL NOTES:

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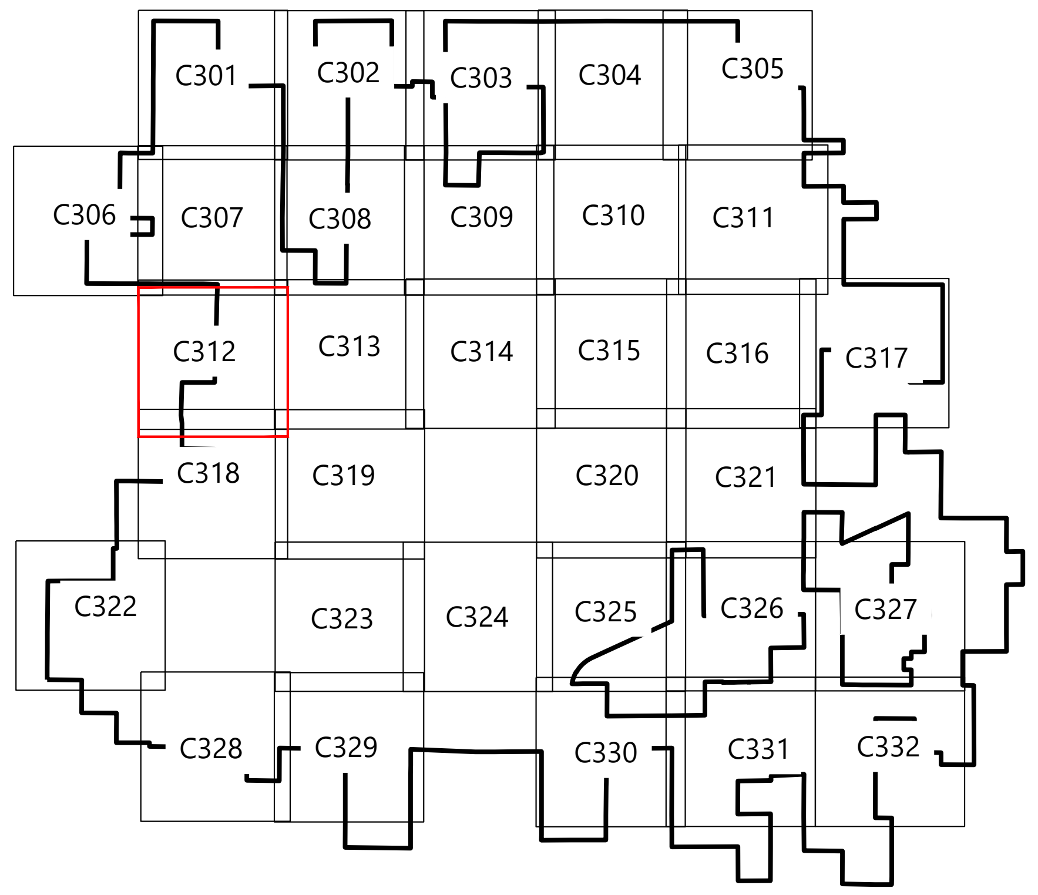
KEYMAP:



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10/14/25
Paige Mortenson
EXP: 11/30/25

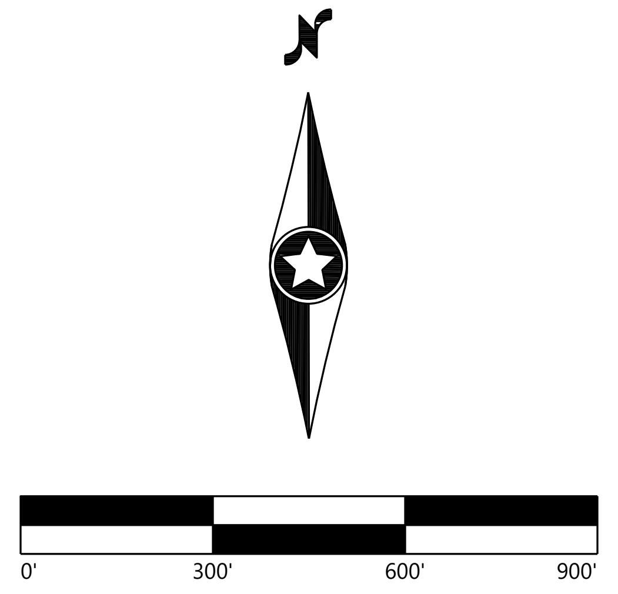
PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Site Plan - T16

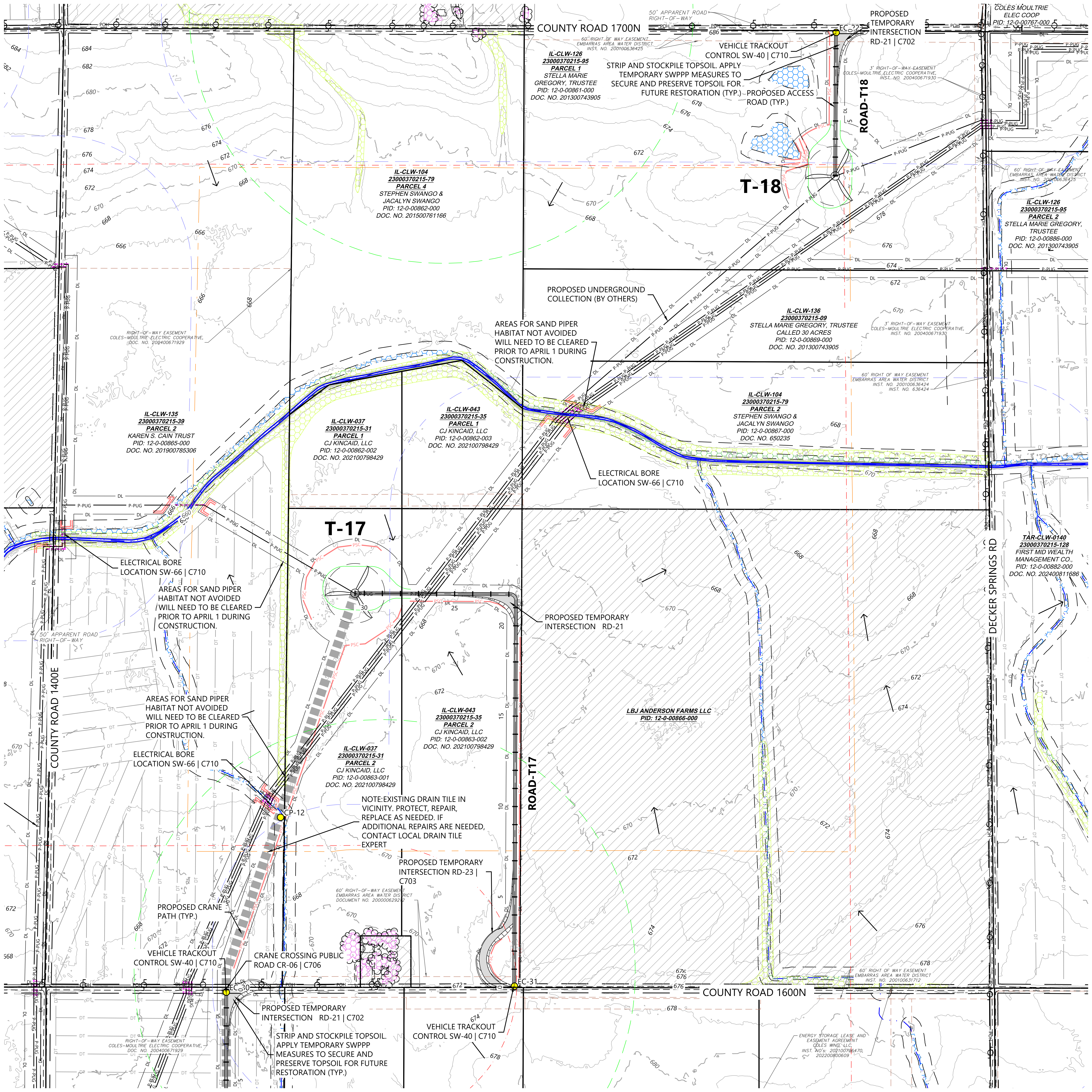
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C312

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CADD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:27 PM Sofia Lara Carrillo


COUNTY ROAD 1700N
COUNTY ROAD 1600N
COUNTY ROAD 1400E
DECKER SPRINGS RD
ROAD-T18
ROAD-T17
T-18
T-17
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED ACCESS ROAD (TYP.)
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
AREAS FOR SAND PIPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
ELECTRICAL BORE LOCATION SW-66 | C710
PROPOSED TEMPORARY INTERSECTION RD-21
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
PROPOSED CRANE PATH (TYP.)
CRANE CROSSING PUBLIC ROAD CR-06 | C706
CP-12
EC-31
IL-CLW-126 23000370215-95 PARCEL 1 STELLA MARIE GREGORY, TRUSTEE PID: 12-0-00861-000 DOC. NO. 201300743905
IL-CLW-104 23000370215-79 PARCEL 4 STEPHEN SWANGO & JACALYN SWANGO PID: 12-0-00862-000 DOC. NO. 201500761166
IL-CLW-126 23000370215-95 PARCEL 2 STELLA MARIE GREGORY, TRUSTEE PID: 12-0-00886-000 DOC. NO. 201300743905
IL-CLW-136 23000370215-09 STELLA MARIE GREGORY, TRUSTEE CALLED 30 ACRES PID: 12-0-00869-000 DOC. NO. 201300743905
IL-CLW-104 23000370215-79 PARCEL 2 STEPHEN SWANGO & JACALYN SWANGO PID: 12-0-00867-000 DOC. NO. 650235
IL-CLW-135 23000370215-39 PARCEL 2 KAREN S. CAIN TRUST PID: 12-0-00865-000 DOC. NO. 201900785306
IL-CLW-037 23000370215-31 PARCEL 1 CJ KINCAID, LLC PID: 12-0-00862-002 DOC. NO. 202100798429
IL-CLW-043 23000370215-35 PARCEL 1 CJ KINCAID, LLC PID: 12-0-00862-003 DOC. NO. 202100798429
IL-CLW-043 23000370215-35 PARCEL 2 CJ KINCAID, LLC PID: 12-0-00863-002 DOC. NO. 202100798429
IL-CLW-037 23000370215-31 PARCEL 2 CJ KINCAID, LLC PID: 12-0-00863-001 DOC. NO. 202100798429
TAR-CLW-0140 23000370215-128 FIRST MID WEALTH MANAGEMENT CO., PID: 12-0-00882-000 DOC. NO. 202400811686
LBJ ANDERSON FARMS LLC PID: 12-0-00866-000
COLES MOULTRIE ELEC COOP PID: 12-0-00767-000
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT
3' RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE
50' APPARENT ROAD RIGHT-OF-WAY
ENERGY STORAGE LEASE AND EASEMENT AGREEMENT COLES WIND, LLC

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
■ ■ ■ ■	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
▨	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
▨	EX. CULTURAL AREAS
▨	EX. DUMPING AREAS
▨	EX. SANDPIPER HABITAT
▨	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
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— —	PUBLIC RIGHT OF WAY SETBACK

5

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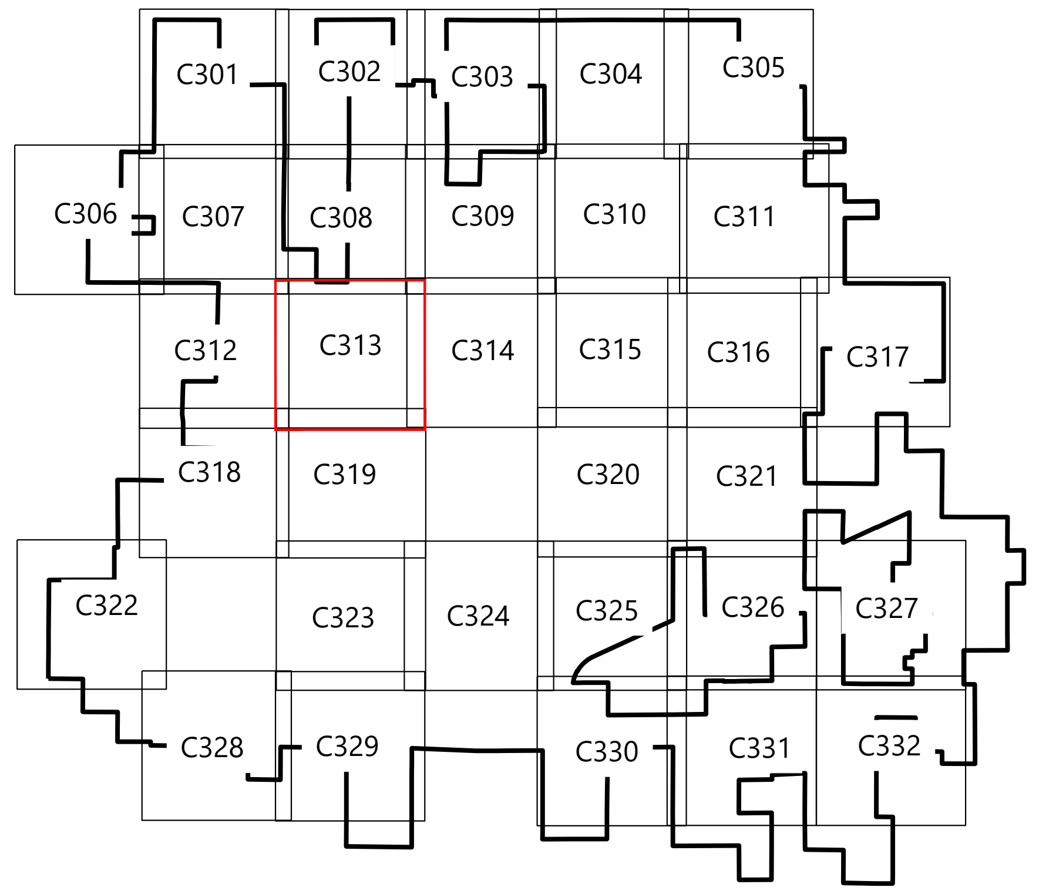
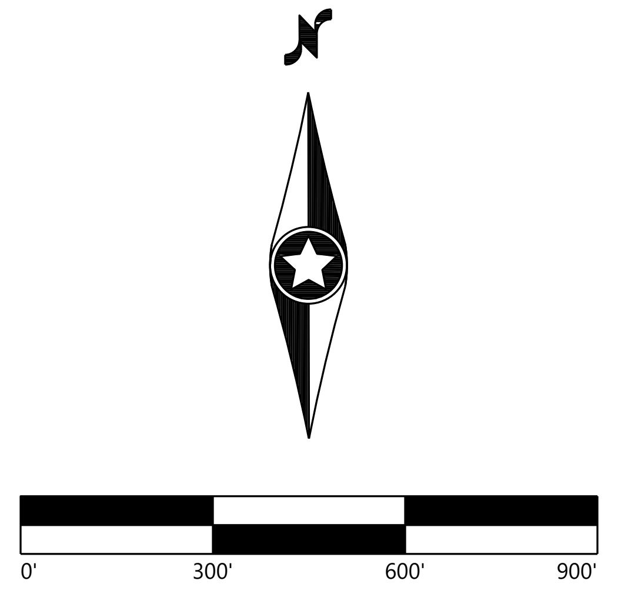
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

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0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

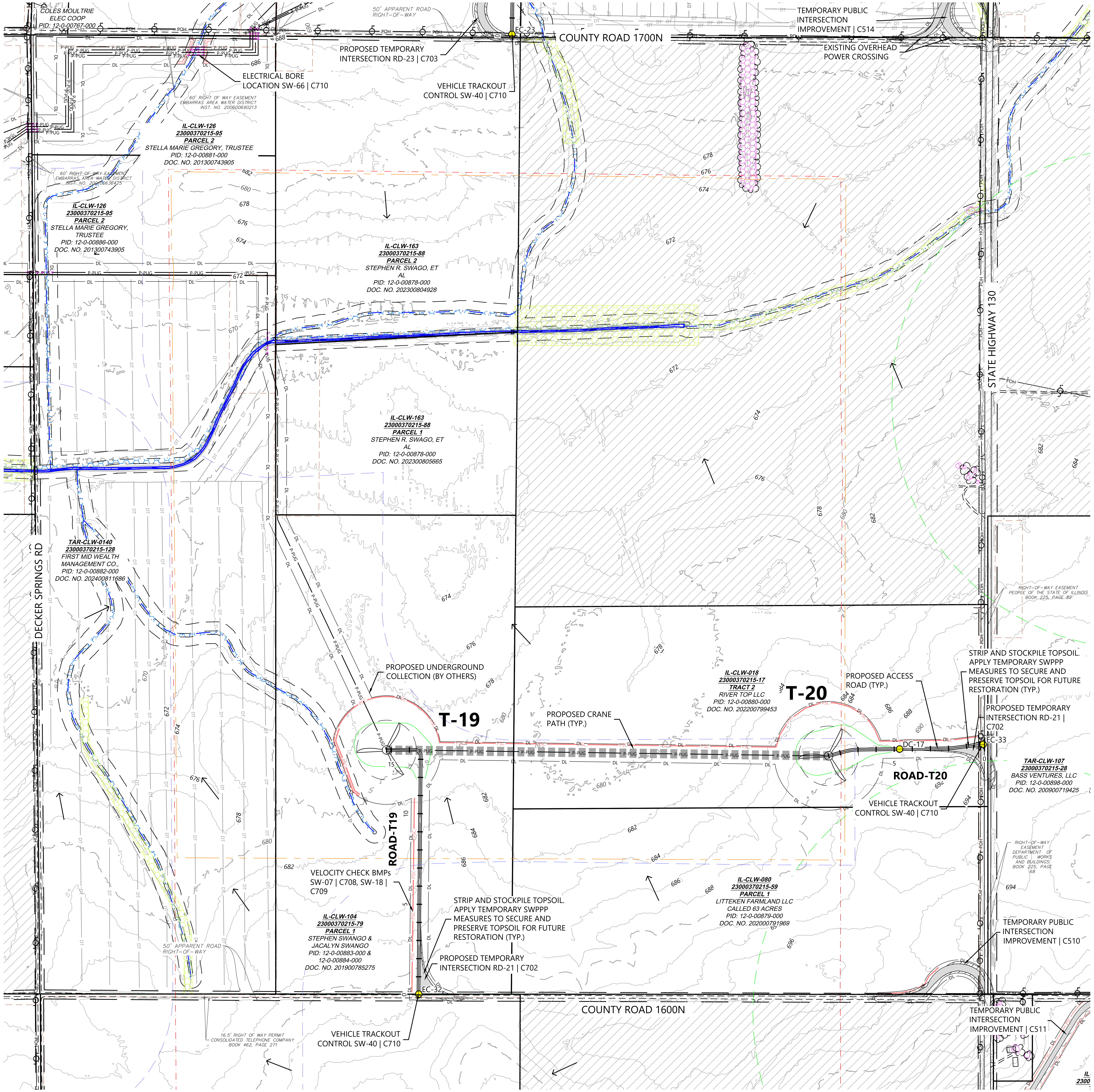
Site Plan - T17, T18

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C313

REV: 5


COLES MOULTRIE ELEC COOP PID: 12-0-00767-000
50' APPARENT ROAD RIGHT-OF-WAY
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
EC-23
COUNTY ROAD 1700N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C514
EXISTING OVERHEAD POWER CROSSING
ELECTRICAL BORE LOCATION SW-66 | C710
VEHICLE TRACKOUT CONTROL SW-40 | C710
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200600690213
IL-CLW-126 23000370215-95 PARCEL 2 STELLA MARIE GREGORY, TRUSTEE PID: 12-0-00881-000 DOC. NO. 201300743905
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100636425
IL-CLW-126 23000370215-95 PARCEL 2 STELLA MARIE GREGORY, TRUSTEE PID: 12-0-00886-000 DOC. NO. 201300743905
IL-CLW-163 23000370215-88 PARCEL 2 STEPHEN R. SWAGO, ET AL PID: 12-0-00878-000 DOC. NO. 202300804928
IL-CLW-163 23000370215-88 PARCEL 1 STEPHEN R. SWAGO, ET AL PID: 12-0-00878-000 DOC. NO. 202300805665
STATE HIGHWAY 130
RIGHT-OF-WAY EASEMENT PEOPLE OF THE STATE OF ILLINOIS BOOK 225, PAGE 82
DECKER SPRINGS RD
TAR-CLW-0140 23000370215-128 FIRST MID WEALTH MANAGEMENT CO., PID: 12-0-00882-000 DOC. NO. 202400811686
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
T-19
PROPOSED CRANE PATH (TYP.)
IL-CLW-018 23000370215-17 TRACT 2 RIVER TOP LLC PID: 12-0-00880-000 DOC. NO. 202200799453
T-20
PROPOSED ACCESS ROAD (TYP.)
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
DC-17
EC-33
ROAD-T20
ROAD-T19
TAR-CLW-107 23000370215-28 BASS VENTURES, LLC PID: 12-0-00898-000 DOC. NO. 200900719425
VELOCITY CHECK BMPs SW-07 | C708, SW-18 | C709
IL-CLW-104 23000370215-79 PARCEL 1 STEPHEN SWANGO & JACALYN SWANGO PID: 12-0-00883-000 & 12-0-00884-000 DOC. NO. 201900785275
50' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-080 23000370215-59 PARCEL 1 LITTEKEN FARMLAND LLC CALLED 63 ACRES PID: 12-0-00879-000 DOC. NO. 202000791969
RIGHT-OF-WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 225, PAGE 68
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C510
EC-32
COUNTY ROAD 1600N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C511
16.5' RIGHT OF WAY PERMIT CONSOLIDATED TELEPHONE COMPANY BOOK 462, PAGE 271
VEHICLE TRACKOUT CONTROL SW-40 | C710

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
#	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
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	EX. PAVED ROAD
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POH	EX. OVERHEAD POWER
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	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
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	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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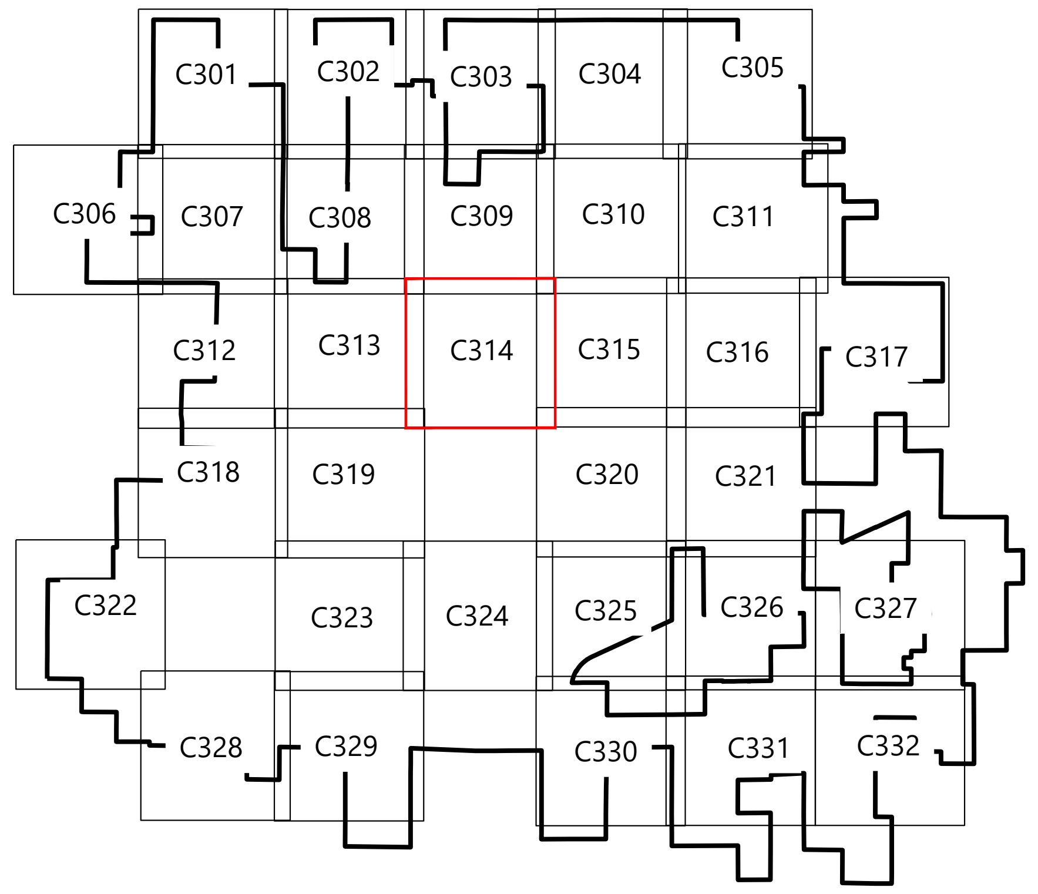
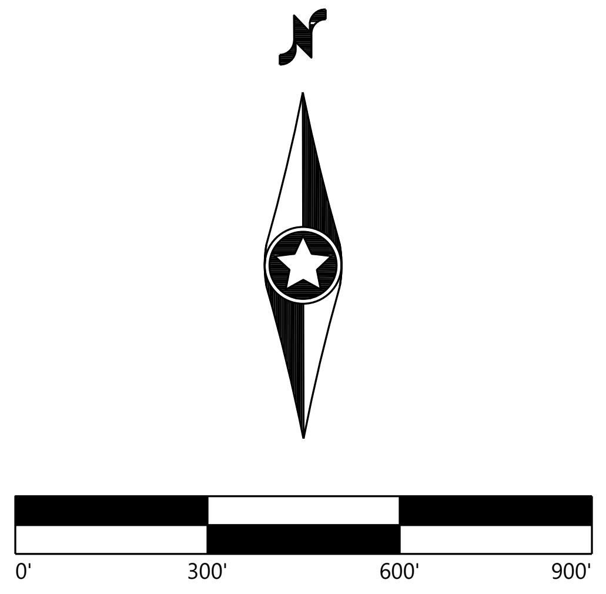
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





Westwood

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10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T19, T20

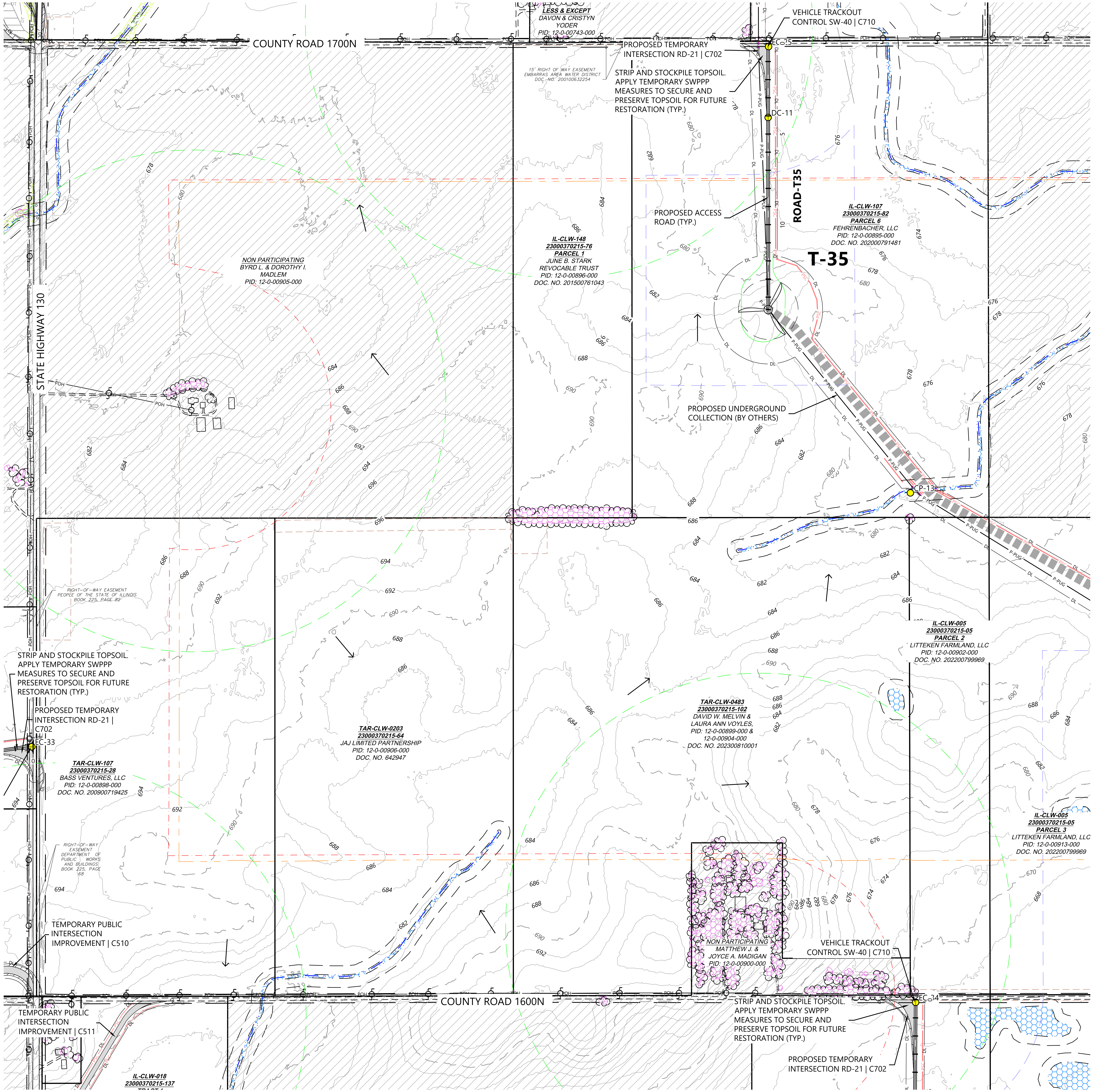
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C314

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-01.dwg 10/14/2025 2:28 PM Sofia Lara Carrillo


COUNTY ROAD 1700N
LESS & EXCEPT
DAVON & CRISTYN YODER
PID: 12-0-00743-000
15' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOC. NO. 200100632254
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-25
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
DC-11
ROAD-T35
PROPOSED ACCESS ROAD (TYP.)
IL-CLW-107
23000370215-82
PARCEL 6
FEHRENBACHER, LLC
PID: 12-0-00895-000
DOC. NO. 202000791481
T-35
IL-CLW-148
23000370215-76
PARCEL 1
JUNE B. STARK REVOCABLE TRUST
PID: 12-0-00896-000
DOC. NO. 201500761043
NON PARTICIPATING
BYRD L. & DOROTHY I. MADLEM
PID: 12-0-00905-000
STATE HIGHWAY 130
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
CP-13
RIGHT-OF-WAY EASEMENT PEOPLE OF THE STATE OF ILLINOIS BOOK 225, PAGE 82
IL-CLW-005
23000370215-05
PARCEL 2
LITTEKEN FARMLAND, LLC
PID: 12-0-00902-000
DOC. NO. 202200799969
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
EC-33
TAR-CLW-107
23000370215-28
BASS VENTURES, LLC
PID: 12-0-00898-000
DOC. NO. 200900719425
TAR-CLW-0203
23000370215-64
JAJ LIMITED PARTNERSHIP
PID: 12-0-00906-000
DOC. NO. 642947
TAR-CLW-0483
23000370215-102
DAVID W. MELVIN & LAURA ANN VOYLES,
PID: 12-0-00899-000 & 12-0-00904-000
DOC. NO. 202300810001
IL-CLW-005
23000370215-05
PARCEL 3
LITTEKEN FARMLAND, LLC
PID: 12-0-00913-000
DOC. NO. 202200799969
RIGHT-OF-WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 225, PAGE 68
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C510
NON PARTICIPATING
MATTHEW J. & JOYCE A. MADIGAN
PID: 12-0-00900-000
VEHICLE TRACKOUT CONTROL SW-40 | C710
COUNTY ROAD 1600N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C511
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
EC-34
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
IL-CLW-018
23000370215-137

LEGEND:

- TURBINE LOCATION
- ADLS TOWER LOCATION
- PROPOSED DRAINAGE CROSSING
- PROPOSED ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED TEMPORARY TURN
- PROPOSED OBSTACLE FREE AREA
- PROPOSED WET ROAD SEGMENTS
- DL — DISTURBANCE LIMITS
- P-PUG — UNDERGROUND COLLECTION PROVIDED BY OTHERS
- PROPOSED BORING*
- PROPOSED FACILITIES
- NON-PARTICIPATING LAND**
- PARCEL LINES
- 900 — EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. RIGHT OF WAY
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. RAIL ROAD
- X — EX. FENCE
- EX. BUILDING
- POH — EX. OVERHEAD POWER
- EASEMENT
- EX. STREAM CHANNEL
- EX. WATER EDGE FROM PLANIMETRIC DATA
- EX. WETLAND (DELINEATED)
- EX. 50' WETLAND BUFFER
- EX. CULTURAL AREAS
- EX. DUMPING AREAS
- EX. SANDPIPER HABITAT
- EX. BAT HABITAT
- PSC — PERIMETER SEDIMENT CONTROL
- DT — EX. DRAIN TILE*
- PAD EDGE
- FLOW ARROW
- NON-PARTICIPATING PARCEL SETBACK
- NON-PARTICIPATING RESIDENCE SETBACK
- OCCUPIED COMMUNITY BUILDING SETBACK
- OVERHEAD DISTRIBUTION SETBACK
- OVERHEAD TRANSMISSION SETBACK
- PARTICIPATING RESIDENCE SETBACK
- PUBLIC RIGHT OF WAY SETBACK

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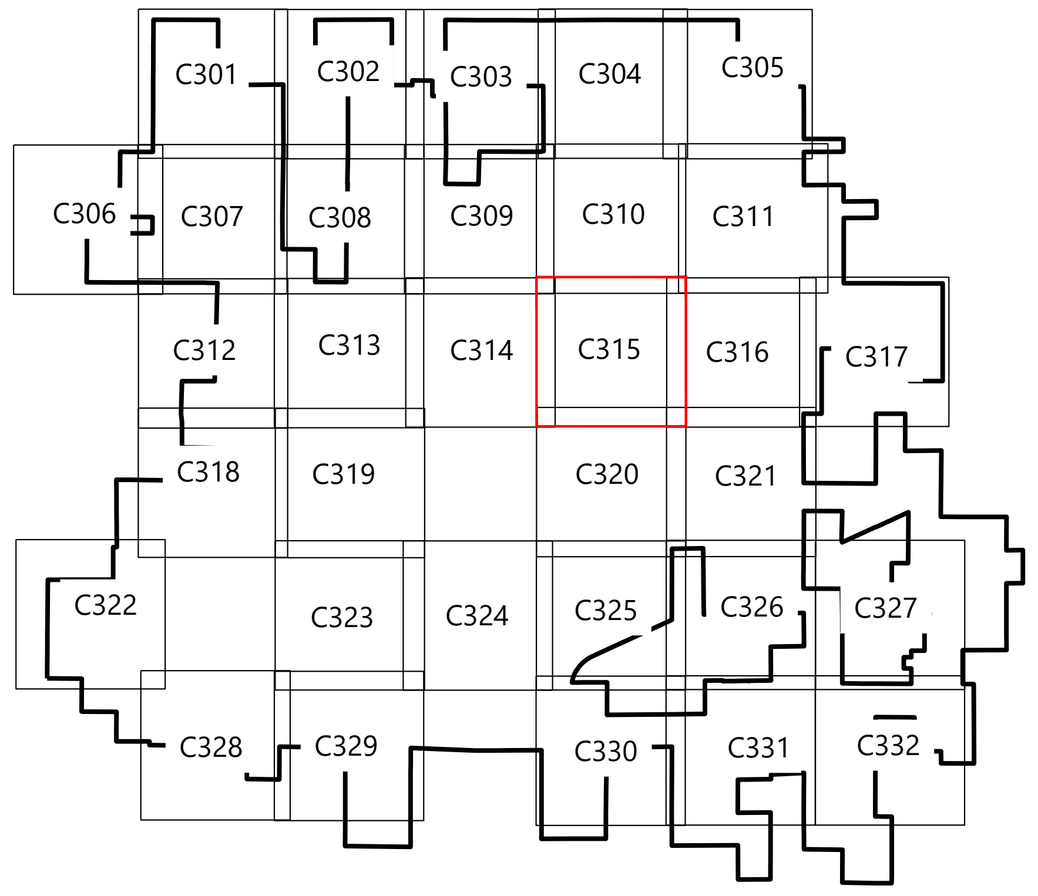

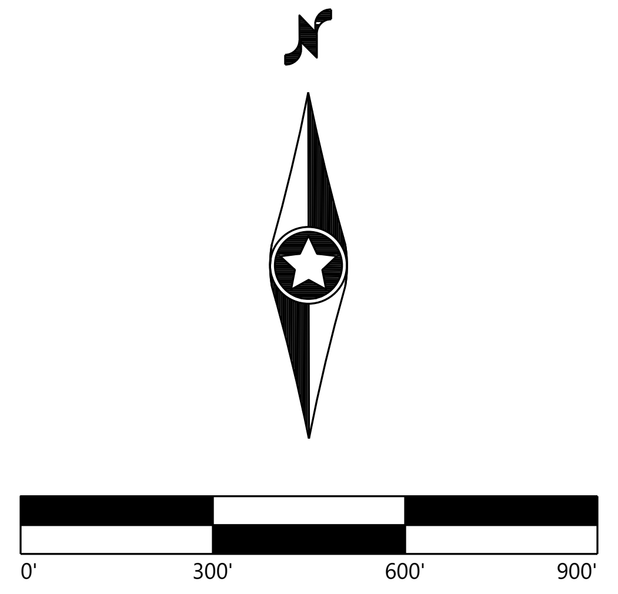

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5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T35

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C315

REV: 5

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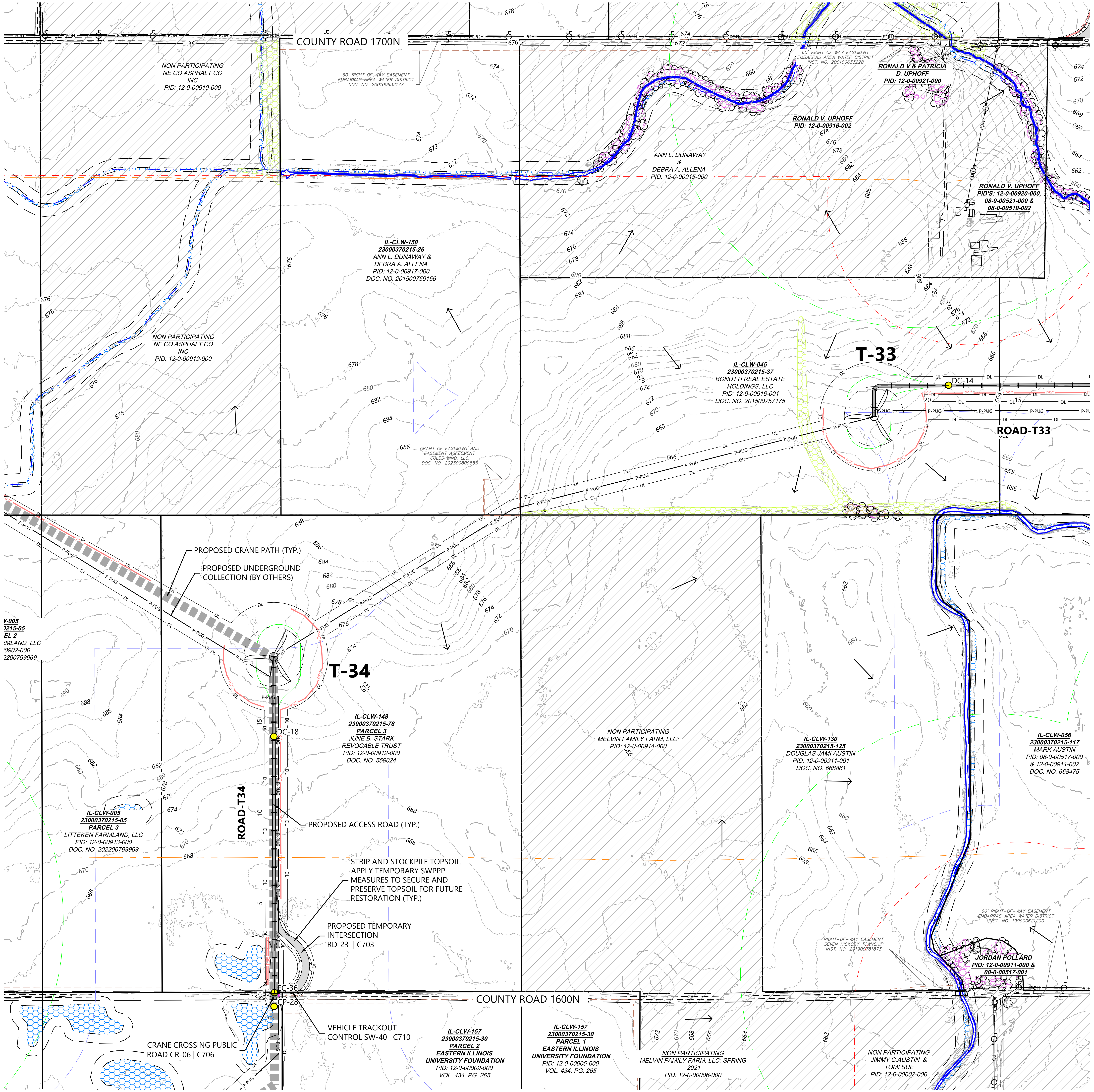

LEGEND:

##	TURBINE LOCATION
ADLS △	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪ ▪ ▪ ▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
– – –	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
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→	FLOW ARROW
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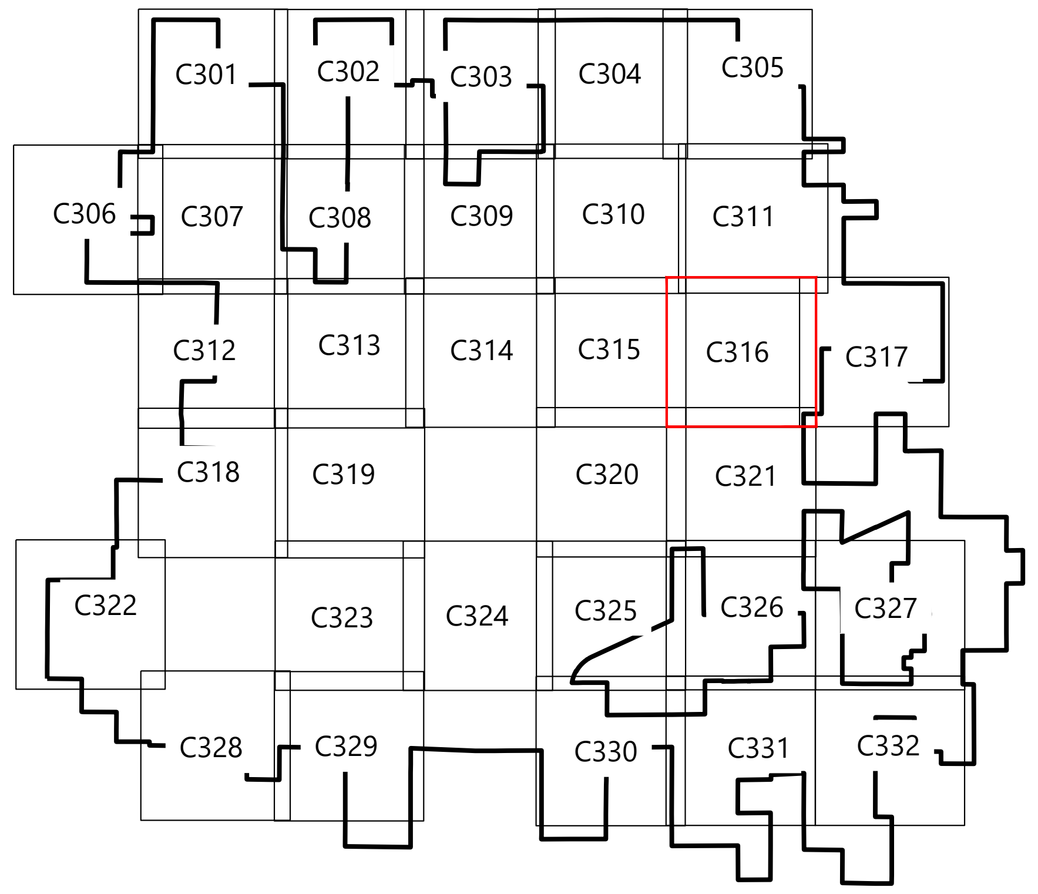

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PREPARED FOR:

APEX CLEAN ENERGY

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Charlottesville, VA 22902

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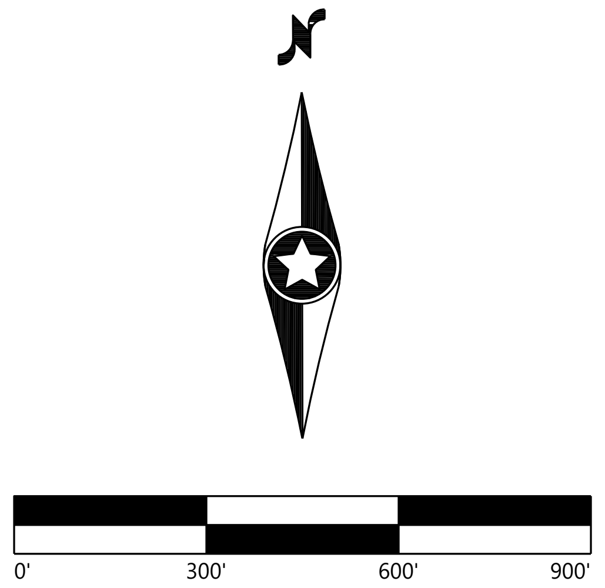

Coles Wind Project

Coles County, Illinois

Site Plan - T32, T33, T34

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C316
REV: 5

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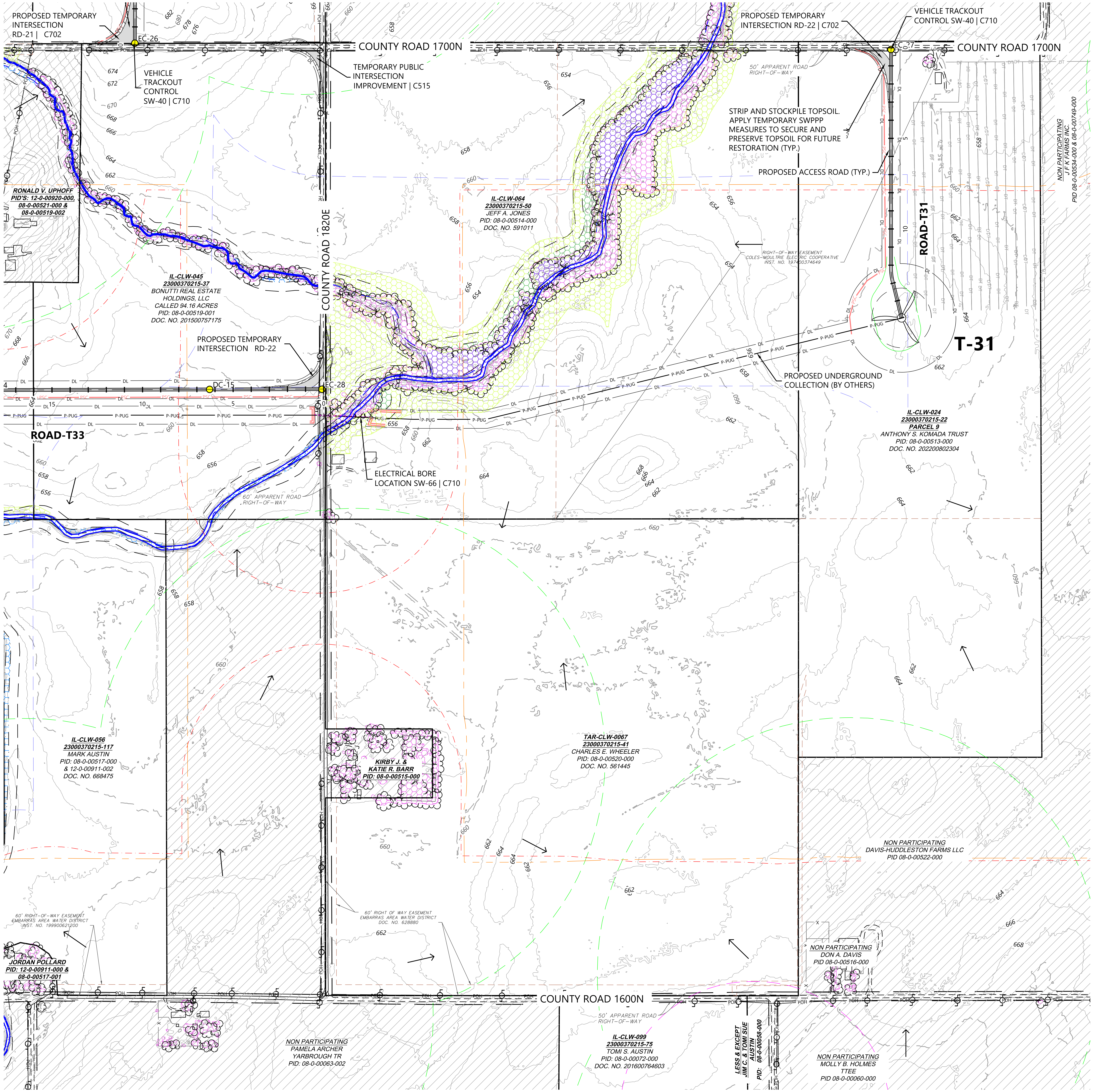
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
EC-26
VEHICLE TRACKOUT CONTROL SW-40 | C710
COUNTY ROAD 1700N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C515
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-27
COUNTY ROAD 1700N
50' APPARENT ROAD RIGHT-OF-WAY
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED ACCESS ROAD (TYP.)
NON PARTICIPATING J F K FARMS INC. PID 08-0-00534-000 & 08-0-00749-000
ROAD-T31
RONALD V. UPHOFF PID'S: 12-0-00920-000, 08-0-00521-000 & 08-0-00519-002
IL-CLW-064 23000370215-50 JEFF A. JONES PID: 08-0-00514-000 DOC. NO. 591011
COUNTY ROAD 1820E
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE INST. NO. 197400374649
IL-CLW-045 23000370215-37 BONUTTI REAL ESTATE HOLDINGS, LLC CALLED 94.16 ACRES PID: 08-0-00519-001 DOC. NO. 201500757175
PROPOSED TEMPORARY INTERSECTION RD-22
T-31
DC-15
EC-28
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
ROAD-T33
IL-CLW-024 23000370215-22 PARCEL 9 ANTHONY S. KOMADA TRUST PID: 08-0-00513-000 DOC. NO. 202200802304
ELECTRICAL BORE LOCATION SW-66 | C710
60' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-056 23000370215-117 MARK AUSTIN PID: 08-0-00517-000 & 12-0-00911-002 DOC. NO. 668475
KIRBY J. & KATIE R. BARR PID: 08-0-00515-000
TAR-CLW-0067 23000370215-41 CHARLES E. WHEELER PID: 08-0-00520-000 DOC. NO. 561445
NON PARTICIPATING DAVIS-HUDDLESTON FARMS LLC PID 08-0-00522-000
60' RIGHT-OF-WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 199900621200
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOC. NO. 628880
JORDAN POLLARD PID: 12-0-00911-000 & 08-0-00517-001
NON PARTICIPATING DON A. DAVIS PID 08-0-00516-000
COUNTY ROAD 1600N
50' APPARENT ROAD RIGHT-OF-WAY
NON PARTICIPATING PAMELA ARCHER YARBROUGH TR PID: 08-0-00063-002
IL-CLW-099 23000370215-75 TOMI S. AUSTIN PID: 08-0-00072-000 DOC. NO. 201600764603
LESS & EXCEPT JIM C. & TOMI SUE AUSTIN PID: 08-0-00058-000
NON PARTICIPATING MOLLY B. HOLMES TTEE PID 08-0-00060-000

LEGEND:

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ADLS	ADLS TOWER LOCATION
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900	EX. INDEX CONTOUR
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DT	EX. DRAIN TILE*
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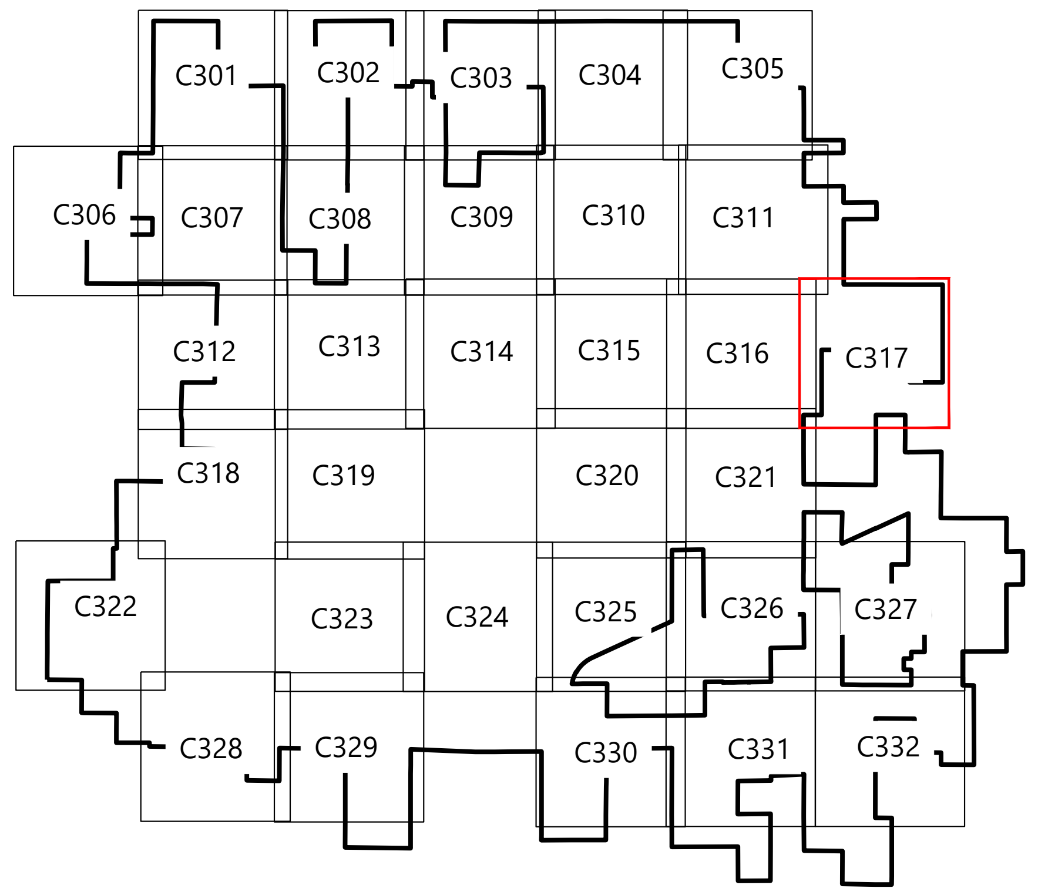
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



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10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

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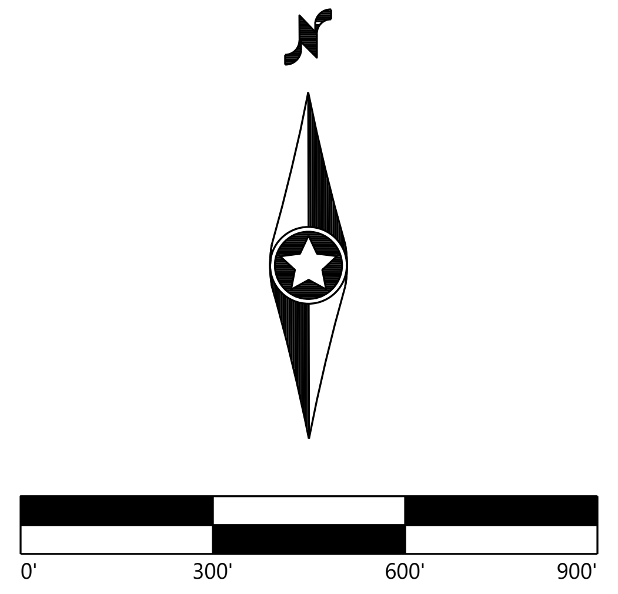
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Site Plan - T31

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C317

REV: 5

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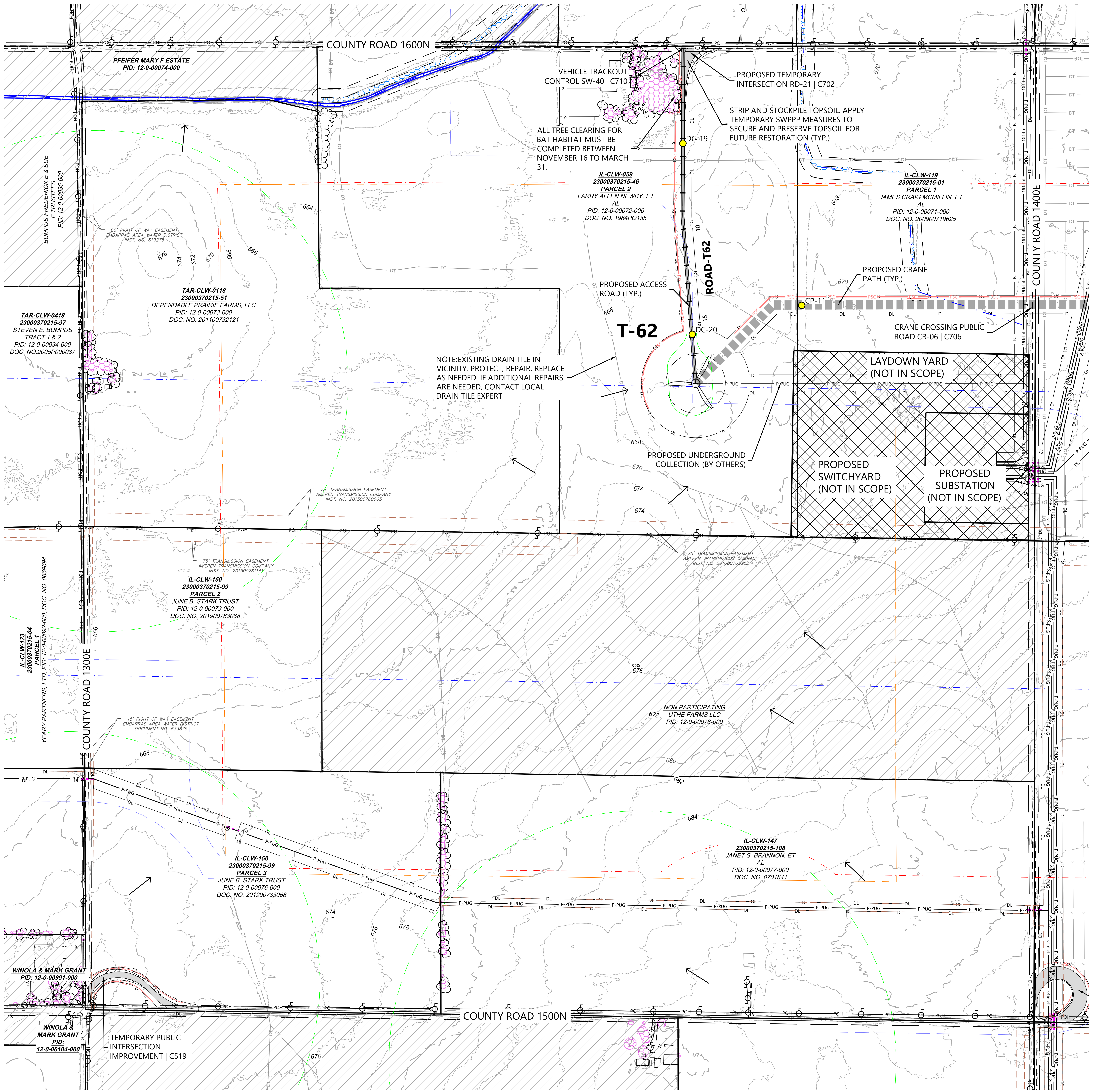
COUNTY ROAD 1600N
PFEIFER MARY F ESTATE
PID: 12-0-00074-000
BUMPUS FREDERICK E & SUE F TRUSTEES
PID: 12-0-00095-000
60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
INST. NO. 619275
TAR-CLW-0118
23000370215-51
DEPENDABLE PRAIRIE FARMS, LLC
PID: 12-0-00073-000
DOC. NO. 201100732121
TAR-CLW-0418
23000370215-97
STEVEN E. BUMPUS
TRACT 1 & 2
PID: 12-0-00094-000
DOC. NO.2005P000087
VEHICLE TRACKOUT CONTROL SW-40 | C710
ALL TREE CLEARING FOR BAT HABITAT MUST BE COMPLETED BETWEEN NOVEMBER 16 TO MARCH 31.
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
DC-19
DC-20
CP-11
IL-CLW-059
23000370215-46
PARCEL 2
LARRY ALLEN NEWBY, ET AL
PID: 12-0-00072-000
DOC. NO. 1984PO135
IL-CLW-119
23000370215-01
PARCEL 1
JAMES CRAIG MCMILLIN, ET AL
PID: 12-0-00071-000
DOC. NO. 200900719625
ROAD-T62
T-62
PROPOSED ACCESS ROAD (TYP.)
PROPOSED CRANE PATH (TYP.)
CRANE CROSSING PUBLIC ROAD CR-06 | C706
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
LAYDOWN YARD (NOT IN SCOPE)
PROPOSED SWITCHYARD (NOT IN SCOPE)
PROPOSED SUBSTATION (NOT IN SCOPE)
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
COUNTY ROAD 1400E
75' TRANSMISSION EASEMENT
AMEREN TRANSMISSION COMPANY
INST. NO. 201500760605
75' TRANSMISSION EASEMENT
AMEREN TRANSMISSION COMPANY
INST. NO. 201500761141
75' TRANSMISSION EASEMENT
AMEREN TRANSMISSION COMPANY
INST. NO. 201600765252
IL-CLW-150
23000370215-99
PARCEL 2
JUNE B. STARK TRUST
PID: 12-0-00079-000
DOC. NO. 201900783068
IL-CLW-173
23000370215-04
PARCEL 1
YEARY PARTNERS, LTD; PID: 12-0-00092-000; DOC. NO. 0669694
COUNTY ROAD 1300E
15' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 633875
NON PARTICIPATING
UTHE FARMS LLC
PID: 12-0-00078-000
IL-CLW-150
23000370215-99
PARCEL 3
JUNE B. STARK TRUST
PID: 12-0-00076-000
DOC. NO. 201900783068
IL-CLW-147
23000370215-108
JANET S. BRANNON, ET AL
PID: 12-0-00077-000
DOC. NO. 0701841
WINOLA & MARK GRANT
PID: 12-0-00991-000
WINOLA & MARK GRANT
PID: 12-0-00104-000
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C519
COUNTY ROAD 1500N
664
666
668
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672
674
676
678
680
682
684
POH
DL
DT
P-PUG
PSC

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-02.dwg 10/14/2025 3:15 PM Sofia Lara Carrillo

LEGEND:

TURBINE LOCATION
ADLS TOWER LOCATION
PROPOSED DRAINAGE CROSSING
PROPOSED ACCESS ROAD
PROPOSED CRANE PATH
PROPOSED TEMPORARY TURN
PROPOSED OBSTACLE FREE AREA
PROPOSED WET ROAD SEGMENTS
DISTURBANCE LIMITS
UNDERGROUND COLLECTION PROVIDED BY OTHERS
PROPOSED BORING*
PROPOSED FACILITIES
NON-PARTICIPATING LAND**
PARCEL LINES
EX. INDEX CONTOUR
EX. INTERVAL CONTOUR
EX. RIGHT OF WAY
EX. PAVED ROAD
EX. GRAVEL ROAD
EX. RAIL ROAD
EX. FENCE
EX. BUILDING
EX. OVERHEAD POWER
EASEMENT
EX. STREAM CHANNEL
EX. WATER EDGE FROM PLANIMETRIC DATA
EX. WETLAND (DELINEATED)
EX. 50' WETLAND BUFFER
EX. CULTURAL AREAS
EX. DUMPING AREAS
EX. SANDPIPER HABITAT
EX. BAT HABITAT
PERIMETER SEDIMENT CONTROL
EX. DRAIN TILE*
PAD EDGE
FLOW ARROW
NON-PARTICIPATING PARCEL SETBACK
NON-PARTICIPATING RESIDENCE SETBACK
OCCUPIED COMMUNITY BUILDING SETBACK
OVERHEAD DISTRIBUTION SETBACK
OVERHEAD TRANSMISSION SETBACK
PARTICIPATING RESIDENCE SETBACK
PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

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3. CONTRACTOR LO LOCATE CONCRETE WASHOUTS PER DETAIL SW-60 AS NEEDED.
4. UNDERGROUND UTILITY LOCATIONS WERE NOT IDENTIFIED IN THE PROJECT SURVEY, CONTRACTOR TO FIELD VERIFY UNDERGROUND UTILITY LOCATIONS IN CONJUNCTION WITH EXISTING UTILITY EASEMENT LOCATIONS

EROSION AND SEDIMENT CONTROL NOTES:

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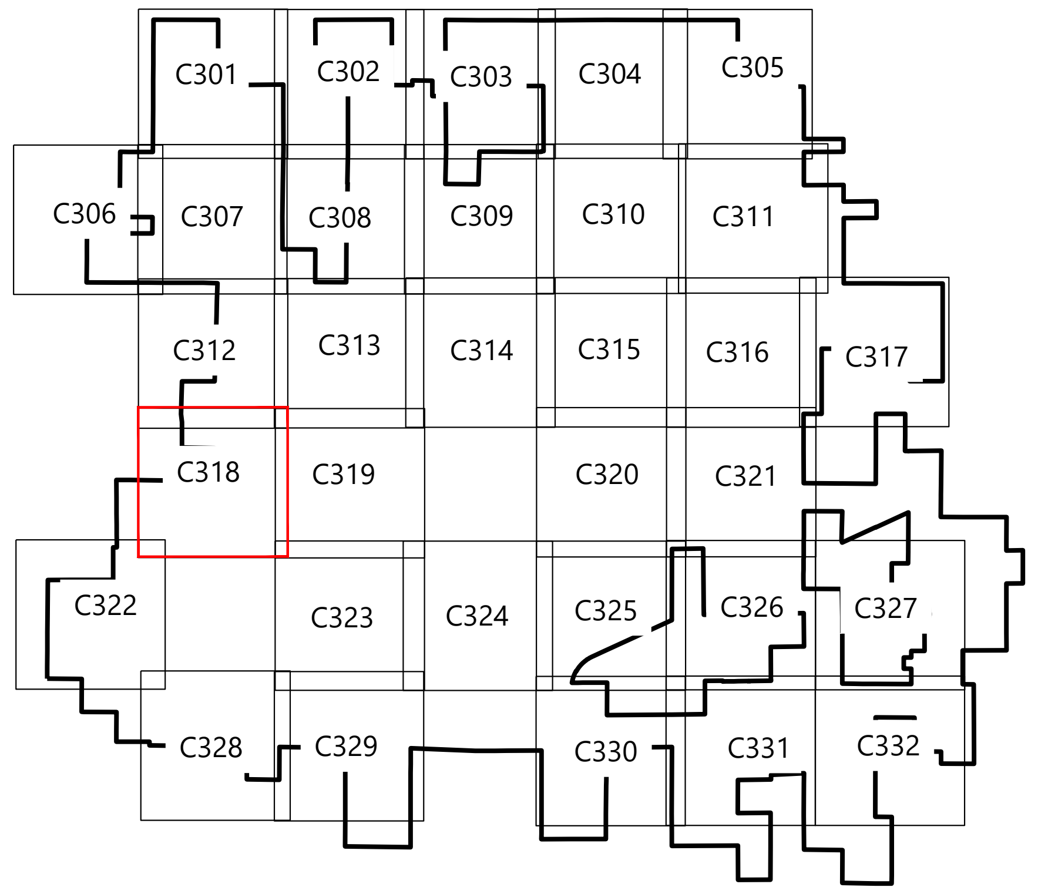
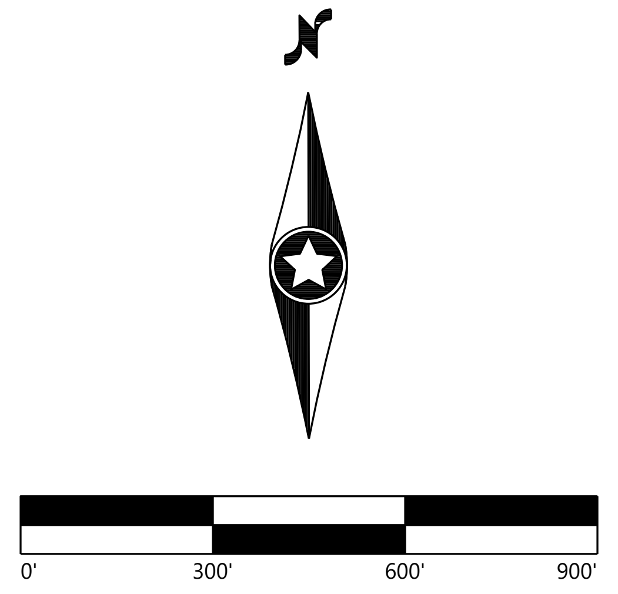
KEYMAP:





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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

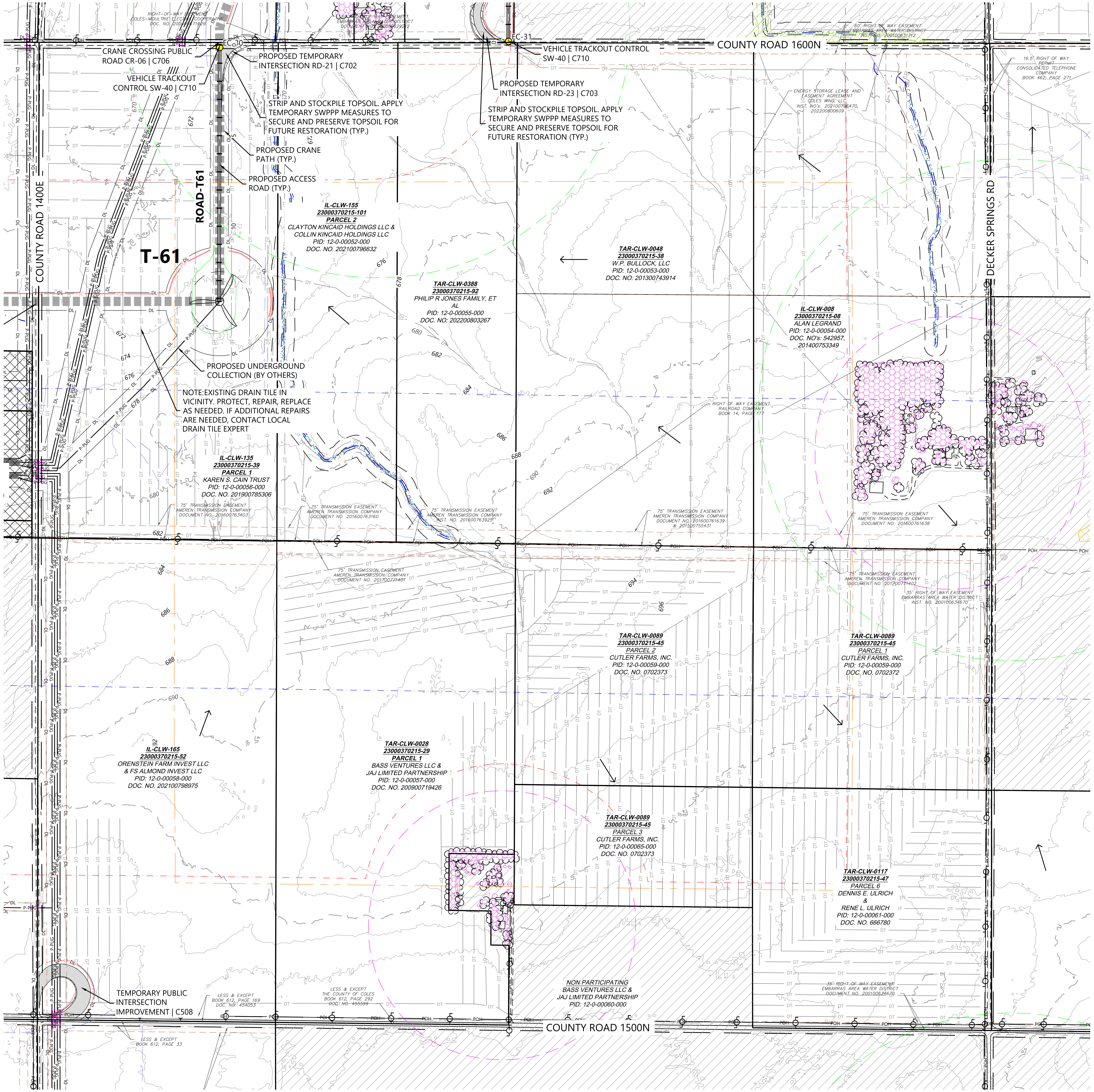
Site Plan - T62

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C318

REV: 5


COUNTY ROAD 1600N
COUNTY ROAD 1500N
COUNTY ROAD 1400E
DECKER SPRINGS RD
T-61
ROAD-T61
EC-30
EC-31
CRANE CROSSING PUBLIC ROAD CR-06 | C706
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED CRANE PATH (TYP.)
PROPOSED ACCESS ROAD (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
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TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C508
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE DOC. NO. 200400671929
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100629212
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100631712
16.5' RIGHT OF WAY PERMIT CONSOLIDATED TELEPHONE COMPANY BOOK 462, PAGE 271
ENERGY STORAGE LEASE AND EASEMENT AGREEMENT COLES WIND, LLC INST. NO's: 202100796470, 202200800609
IL-CLW-155 23000370215-101 PARCEL 2 CLAYTON KINCAID HOLDINGS LLC & COLLIN KINCAID HOLDINGS LLC PID: 12-0-00052-000 DOC. NO. 202100796632
TAR-CLW-0388 23000370215-92 PHILIP R JONES FAMILY, ET AL PID: 12-0-00055-000 DOC. NO: 202200803267
TAR-CLW-0048 23000370215-38 W.P. BULLOCK, LLC PID: 12-0-00053-000 DOC. NO: 201300743914
IL-CLW-008 23000370215-08 ALAN LEGRAND PID: 12-0-00054-000 DOC. NO's: 542957, 201400753349
IL-CLW-135 23000370215-39 PARCEL 1 KAREN S. CAIN TRUST PID: 12-0-00056-000 DOC. NO. 201900785306
RIGHT OF WAY EASEMENT RAILROAD COMPANY BOOK 14, PAGE 177
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201600763403
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201600763160
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY INST. NO. 201600763925
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201600761639 & 201500755431
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201600761638
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201700771401
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201700771402
35' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100634670
TAR-CLW-0089 23000370215-45 PARCEL 2 CUTLER FARMS, INC. PID: 12-0-00059-000 DOC. NO. 0702373
TAR-CLW-0089 23000370215-45 PARCEL 1 CUTLER FARMS, INC. PID: 12-0-00059-000 DOC. NO. 0702372
IL-CLW-165 23000370215-52 ORENSTEIN FARM INVEST LLC & FS ALMOND INVEST LLC PID: 12-0-00058-000 DOC. NO. 202100798975
TAR-CLW-0028 23000370215-29 PARCEL 1 BASS VENTURES LLC & JAJ LIMITED PARTNERSHIP PID: 12-0-00057-000 DOC. NO. 200900719426
TAR-CLW-0089 23000370215-45 PARCEL 3 CUTLER FARMS, INC. PID: 12-0-00065-000 DOC. NO. 0702373
TAR-CLW-0117 23000370215-47 PARCEL 6 DENNIS E. ULRICH & RENE L. ULRICH PID: 12-0-00061-000 DOC. NO. 666780
NON PARTICIPATING BASS VENTURES LLC & JAJ LIMITED PARTNERSHIP PID: 12-0-00060-000
LESS & EXCEPT BOOK 612, PAGE 169 DOC. NO. 454053
LESS & EXCEPT THE COUNTY OF COLES BOOK 612, PAGE 292 DOC. NO. 455599
LESS & EXCEPT BOOK 612, PAGE 33
35' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100634670
670
672
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690
692
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696
DL
DT
P-PUG
POH
PSC

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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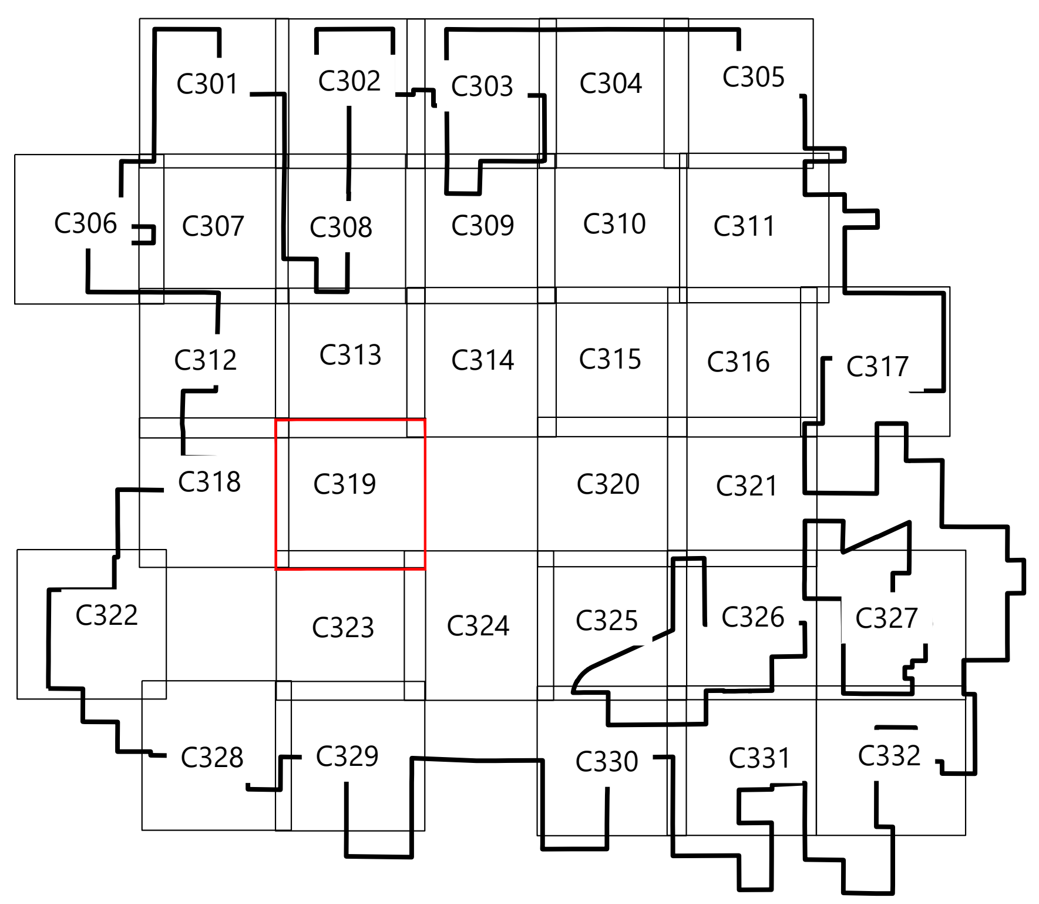
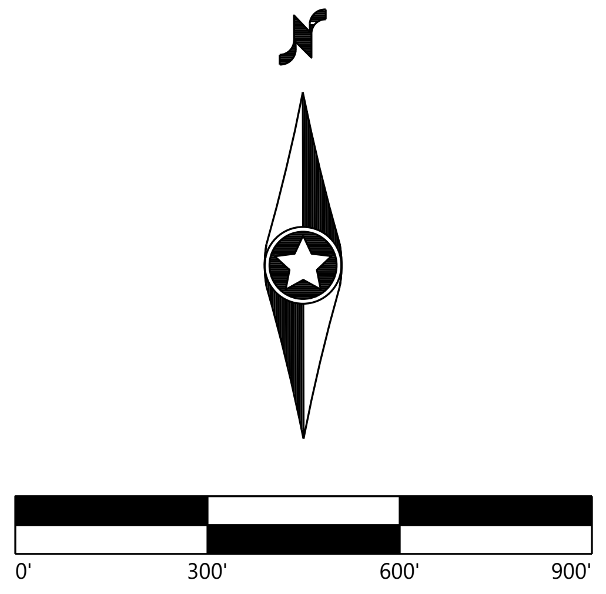
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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LICENSED PROFESSIONAL ENGINEER
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APEX CLEAN ENERGY

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Charlottesville, VA 22902

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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T61

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C319

REV: 5

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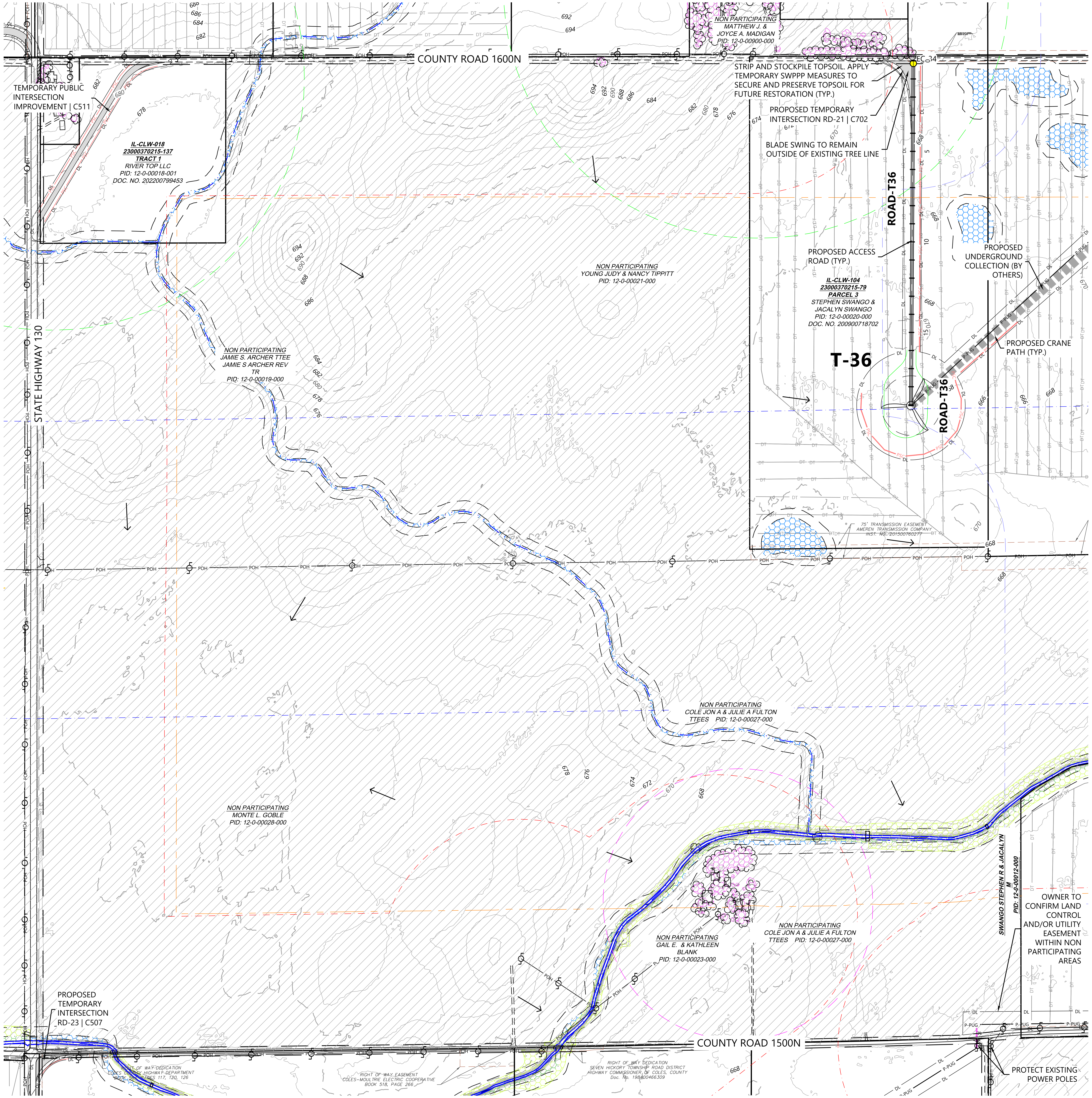
COUNTY ROAD 1600N
COUNTY ROAD 1500N
STATE HIGHWAY 130
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C511
IL-CLW-018
23000370215-137
TRACT 1
RIVER TOP LLC
PID: 12-0-00018-001
DOC. NO. 202200799453
NON PARTICIPATING
MATTHEW J. &
JOYCE A. MADIGAN
PID: 12-0-00900-000
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
BLADE SWING TO REMAIN OUTSIDE OF EXISTING TREE LINE
ROAD-T36
PROPOSED ACCESS ROAD (TYP.)
IL-CLW-104
23000370215-79
PARCEL 3
STEPHEN SWANGO &
JACALYN SWANGO
PID: 12-0-00020-000
DOC. NO. 200900718702
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
PROPOSED CRANE PATH (TYP.)
T-36
NON PARTICIPATING
YOUNG JUDY & NANCY TIPPITT
PID: 12-0-00021-000
NON PARTICIPATING
JAMIE S. ARCHER TTEE
JAMIE S ARCHER REV
TR
PID: 12-0-00019-000
75' TRANSMISSION EASEMENT
AMEREN TRANSMISSION COMPANY
NON PARTICIPATING
COLE JON A & JULIE A FULTON
TTEES PID: 12-0-00027-000
NON PARTICIPATING
MONTE L. GOBLE
PID: 12-0-00028-000
NON PARTICIPATING
GAIL E. & KATHLEEN
BLANK
PID: 12-0-00023-000
SWANGO STEPHEN R & JACALYN M
PID: 12-0-00012-000
OWNER TO CONFIRM LAND CONTROL AND/OR UTILITY EASEMENT WITHIN NON PARTICIPATING AREAS
PROPOSED TEMPORARY INTERSECTION RD-23 | C507
RIGHT OF WAY DEDICATION
SEVEN HICKORY TOWNSHIP ROAD DISTRICT
HIGHWAY COMMISSIONER OF COLES, COUNTY
Doc. No. 198400466309
RIGHT OF WAY EASEMENT
COLES-MOULTRIE ELECTRIC COOPERATIVE
BOOK 518, PAGE 266
PROTECT EXISTING POWER POLES
EC 34
POH
DL
DT
PSC
P-PUG
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682
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LEGEND:

##	TURBINE LOCATION
ADLS △	ADLS TOWER LOCATION
○#	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
▪▪▪▪▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
▭	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED
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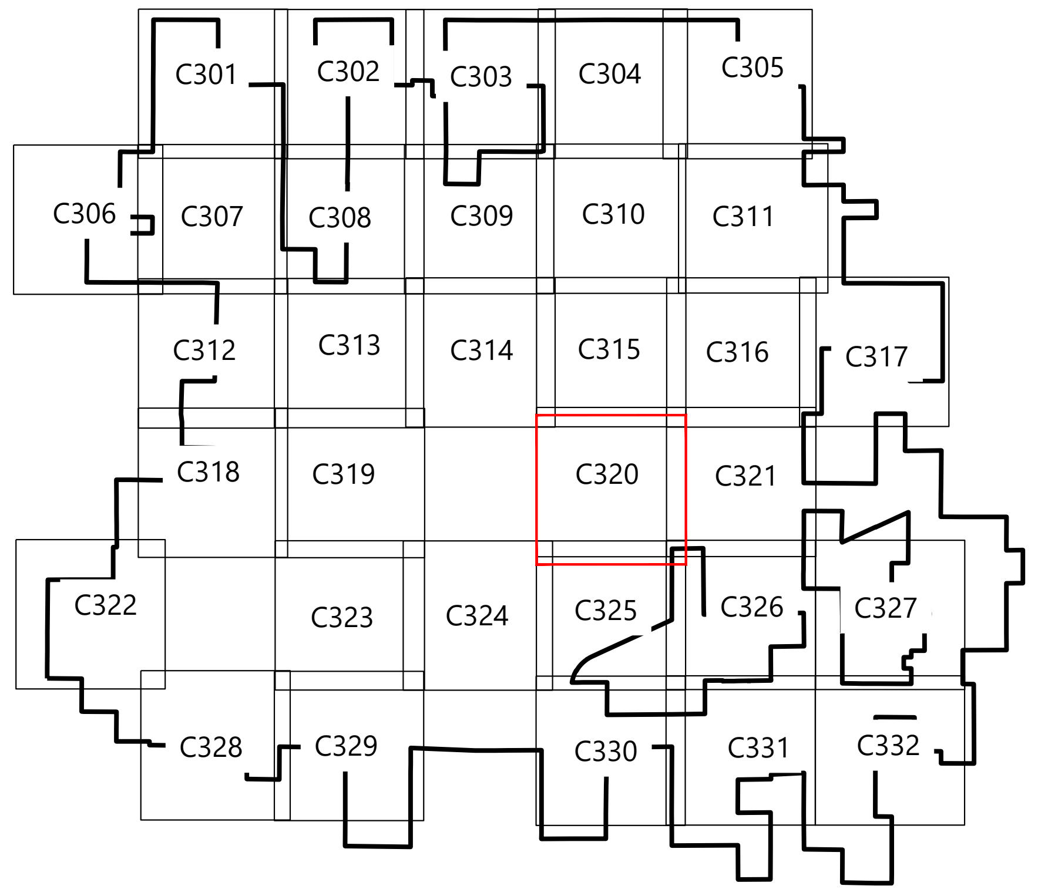
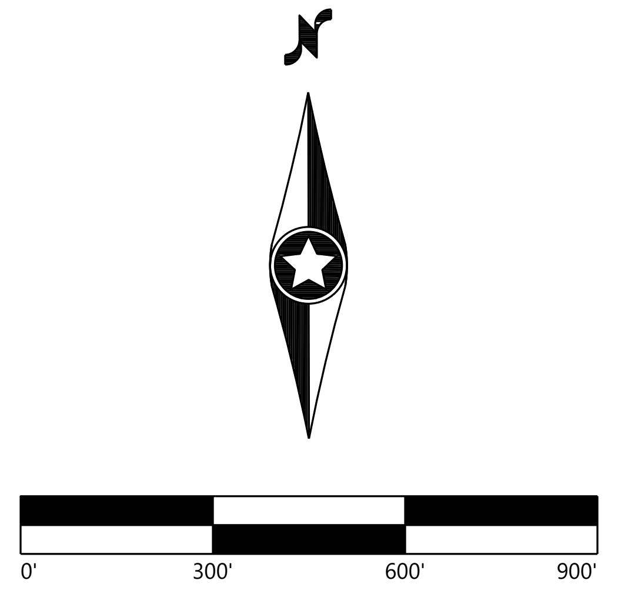
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

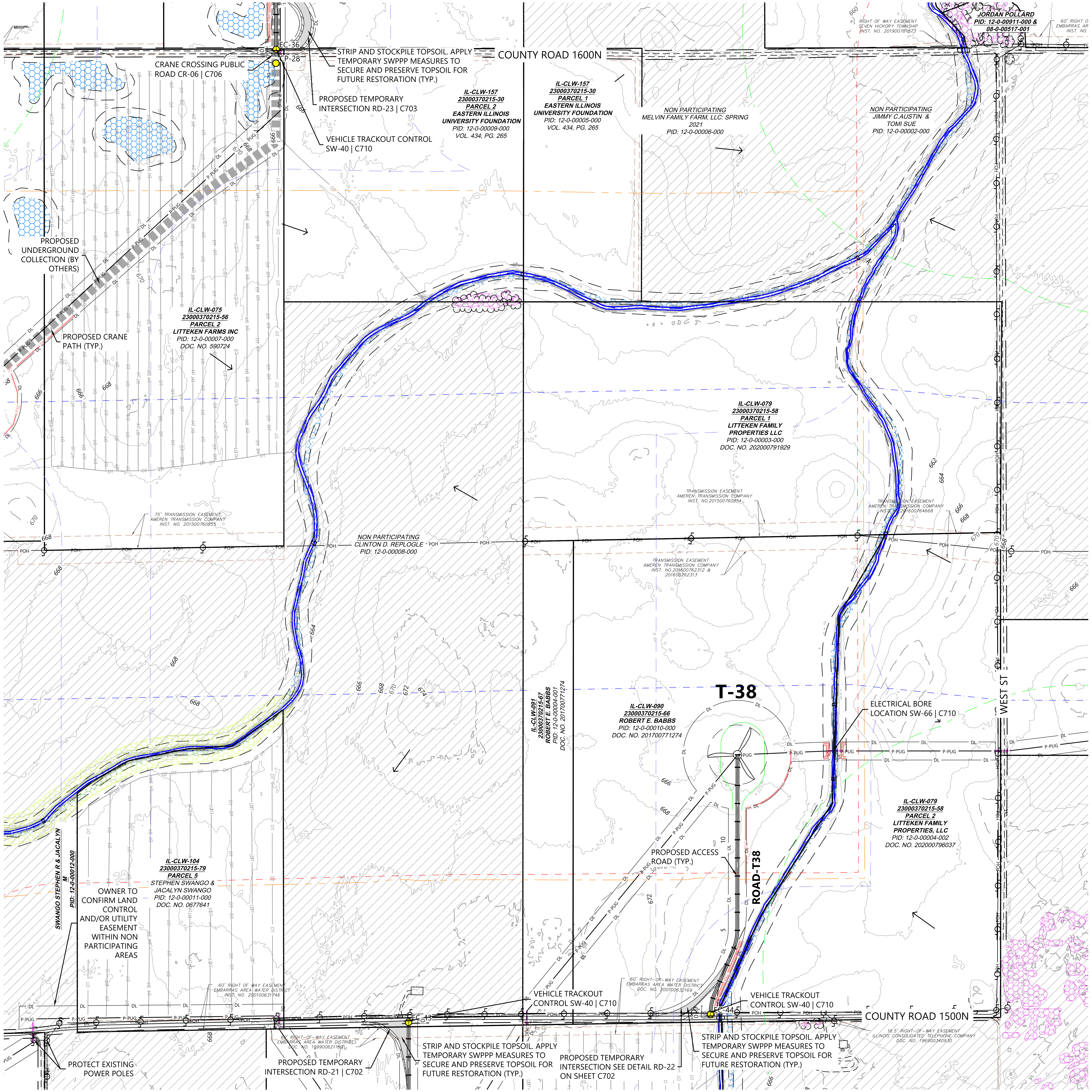
Coles Wind Project
Coles County, Illinois

Site Plan - T36

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C320
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-02.dwg 10/14/2025 3:16 PM Sofia Lara Carrillo


EC-36
CP-28
CRANE CROSSING PUBLIC ROAD CR-06 | C706
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
COUNTY ROAD 1600N
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
VEHICLE TRACKOUT CONTROL SW-40 | C710
IL-CLW-157 23000370215-30 PARCEL 2 EASTERN ILLINOIS UNIVERSITY FOUNDATION PID: 12-0-00009-000 VOL. 434, PG. 265
IL-CLW-157 23000370215-30 PARCEL 1 EASTERN ILLINOIS UNIVERSITY FOUNDATION PID: 12-0-00005-000 VOL. 434, PG. 265
NON PARTICIPATING MELVIN FAMILY FARM, LLC: SPRING 2021 PID: 12-0-00006-000
NON PARTICIPATING JIMMY C.AUSTIN & TOMI SUE PID: 12-0-00002-000
RIGHT OF WAY EASEMENT SEVEN HICKORY TOWNSHIP INST. NO. 201900781873
JORDAN POLLARD PID: 12-0-00911-000 & 08-0-00517-001
60' RIGHT O EMBARRAS AR INST. NO.
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
PROPOSED CRANE PATH (TYP.)
IL-CLW-075 23000370215-56 PARCEL 2 LITTEKEN FARMS INC PID: 12-0-00007-000 DOC. NO. 590724
IL-CLW-079 23000370215-58 PARCEL 1 LITTEKEN FAMILY PROPERTIES LLC PID: 12-0-00003-000 DOC. NO. 202000791929
75' TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY INST. NO. 201500760855
TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY INST. NO.201500760854
TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY INST. NO.201600764668
TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY INST. NO.201600762312 & 201600762313
NON PARTICIPATING CLINTON D. REPLOGLE PID: 12-0-00008-000
IL-CLW-091 23000370215-67 ROBERT E. BABBS PID: 12-0-00004-001 DOC. NO. 201700771274
IL-CLW-090 23000370215-66 ROBERT E. BABBS PID: 12-0-00010-000 DOC. NO. 201700771274
T-38
ELECTRICAL BORE LOCATION SW-66 | C710
WEST ST
IL-CLW-079 23000370215-58 PARCEL 2 LITTEKEN FAMILY PROPERTIES, LLC PID: 12-0-00004-002 DOC. NO. 202000796037
PROPOSED ACCESS ROAD (TYP.)
ROAD-T38
SWANGO STEPHEN R & JACALYN M PID: 12-0-00012-000
IL-CLW-104 23000370215-79 PARCEL 5 STEPHEN SWANGO & JACALYN SWANGO PID: 12-0-00011-000 DOC. NO. 0677641
OWNER TO CONFIRM LAND CONTROL AND/OR UTILITY EASEMENT WITHIN NON PARTICIPATING AREAS
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100631746
60' RIGHT-OF-WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOC. NO. 199900621169
60' RIGHT-OF-WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOC. NO. 200100632169
PROTECT EXISTING POWER POLES
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
EC-43
EC-44
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION SEE DETAIL RD-22 ON SHEET C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
COUNTY ROAD 1500N
16.5' RIGHT-OF-WAY EASEMENT ILLINOIS CONSOLIDATED TELEPHONE COMPANY DOC. NO. 196900340930
DL
P-PUG
POH
DT
PSC
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5
660
662
664
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668
670
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674

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
■ ■ ■	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡	EX. WETLAND (DELINEATED)
— —	EX. 50' WETLAND BUFFER
⬡	EX. CULTURAL AREAS
⬡	EX. DUMPING AREAS
⬡	EX. SANDPIPER HABITAT
⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
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— · —	OVERHEAD TRANSMISSION SETBACK
— —	PARTICIPATING RESIDENCE SETBACK
— —	PUBLIC RIGHT OF WAY SETBACK

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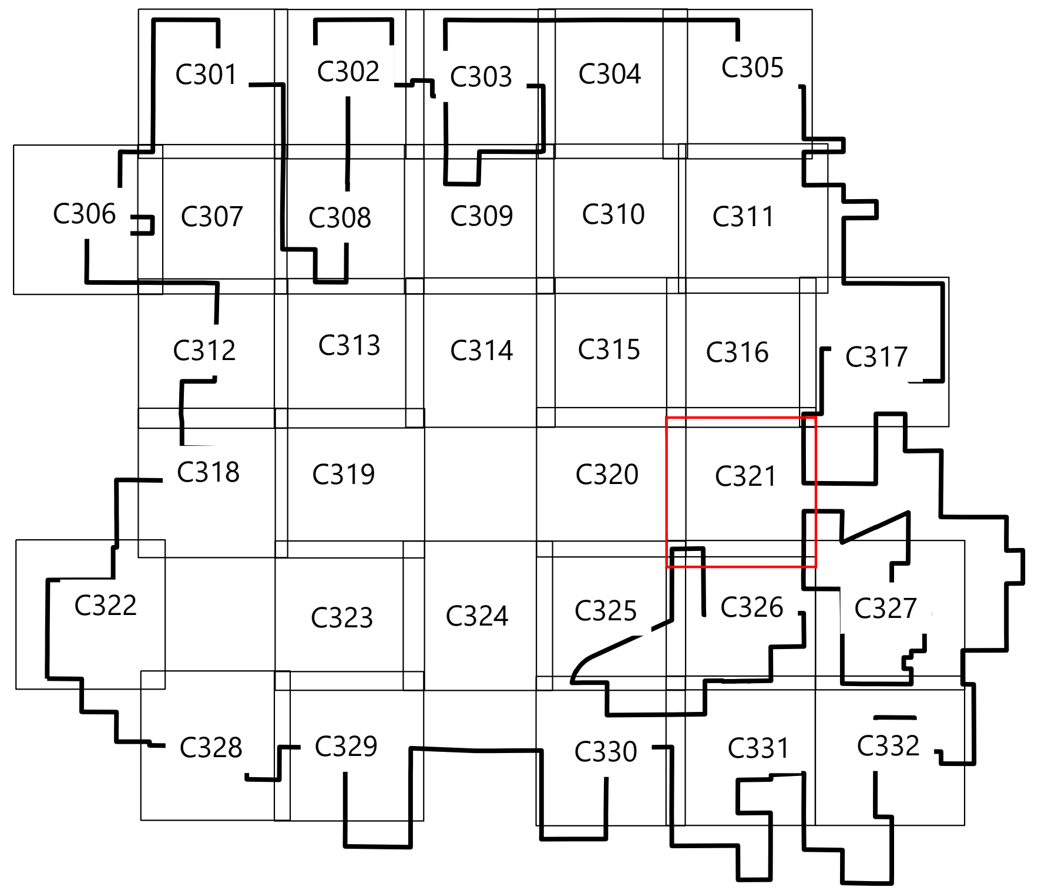
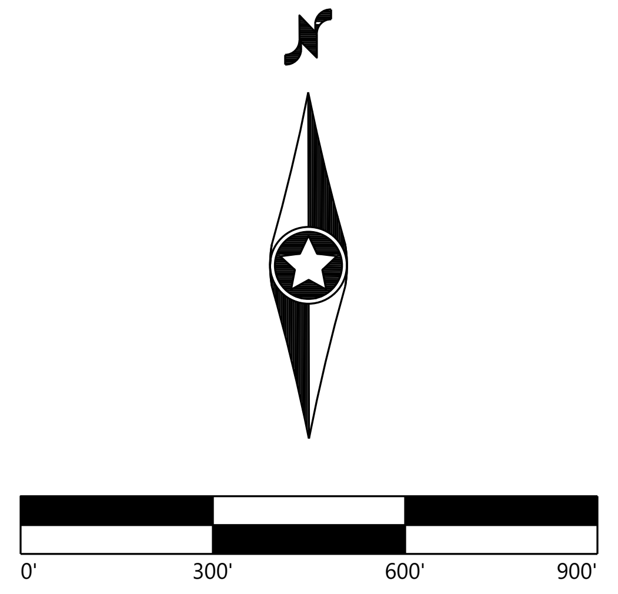
KEYMAP:





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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T37, T38

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C321

REV: 5

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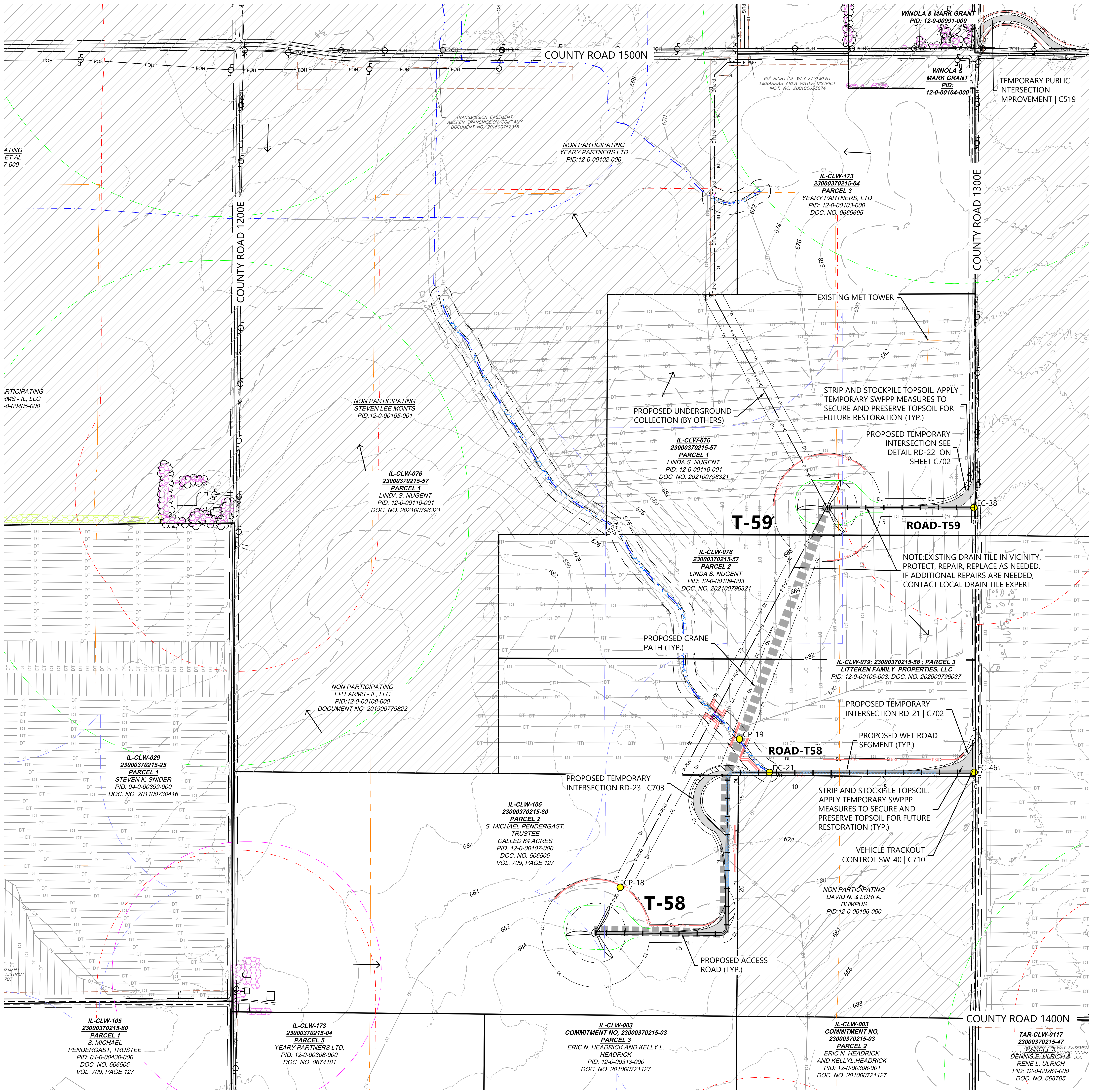
COUNTY ROAD 1500N
COUNTY ROAD 1200E
COUNTY ROAD 1300E
COUNTY ROAD 1400N
POH
TRANSMISSION EASEMENT AMEREN TRANSMISSION COMPANY DOCUMENT NO. 201600762316
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 200100633874
WINOLA & MARK GRANT PID: 12-0-00991-000
WINOLA & MARK GRANT PID: 12-0-00104-000
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C519
NON PARTICIPATING YEARY PARTNERS LTD PID:12-0-00102-000
IL-CLW-173 23000370215-04 PARCEL 3 YEARY PARTNERS, LTD PID: 12-0-00103-000 DOC. NO. 0669695
NON PARTICIPATING STEVEN LEE MONTS PID:12-0-00105-001
IL-CLW-076 23000370215-57 PARCEL 1 LINDA S. NUGENT PID: 12-0-00110-001 DOC. NO. 202100796321
EXISTING MET TOWER
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY INTERSECTION SEE DETAIL RD-22 ON SHEET C702
T-59
ROAD-T59
EC-38
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
IL-CLW-076 23000370215-57 PARCEL 2 LINDA S. NUGENT PID: 12-0-00109-003 DOC. NO. 202100796321
PROPOSED CRANE PATH (TYP.)
IL-CLW-079; 23000370215-58 ; PARCEL 3 LITTEKEN FAMILY PROPERTIES, LLC PID: 12-0-00105-003; DOC. NO. 202000796037
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
PROPOSED WET ROAD SEGMENT (TYP.)
CP-19
ROAD-T58
DC-21
EC-46
PROPOSED TEMPORARY INTERSECTION RD-23 | C703
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
VEHICLE TRACKOUT CONTROL SW-40 | C710
CP-18
T-58
PROPOSED ACCESS ROAD (TYP.)
NON PARTICIPATING EP FARMS - IL, LLC PID:12-0-00108-000 DOCUMENT NO: 201900779822
IL-CLW-029 23000370215-25 PARCEL 1 STEVEN K. SNIDER PID: 04-0-00399-000 DOC. NO. 201100730416
IL-CLW-105 23000370215-80 PARCEL 2 S. MICHAEL PENDERGAST, TRUSTEE CALLED 84 ACRES PID: 12-0-00107-000 DOC. NO. 506505 VOL. 709, PAGE 127
NON PARTICIPATING DAVID N. & LORI A. BUMPUS PID:12-0-00106-000
IL-CLW-105 23000370215-80 PARCEL 1 S. MICHAEL PENDERGAST, TRUSTEE PID: 04-0-00430-000 DOC. NO. 506505 VOL. 709, PAGE 127
IL-CLW-173 23000370215-04 PARCEL 5 YEARY PARTNERS LTD, PID: 12-0-00306-000 DOC. NO. 0674181
IL-CLW-003 COMMITMENT NO, 23000370215-03 PARCEL 3 ERIC N. HEADRICK AND KELLY L. HEADRICK PID: 12-0-00313-000 DOC. NO. 201000721127
IL-CLW-003 COMMITMENT NO, 23000370215-03 PARCEL 2 ERIC N. HEADRICK AND KELLYL.HEADRICK PID: 12-0-00308-001 DOC. NO. 201000721127
TAR-CLW-0117 23000370215-47 PARCEL 5 DENNIS E. ULRICH & RENE L. ULRICH PID: 12-0-00284-000 DOC. NO. 668705
DL
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LEGEND:

##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
– – –	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
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— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
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– · –	EX. STREAM CHANNEL
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▨	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
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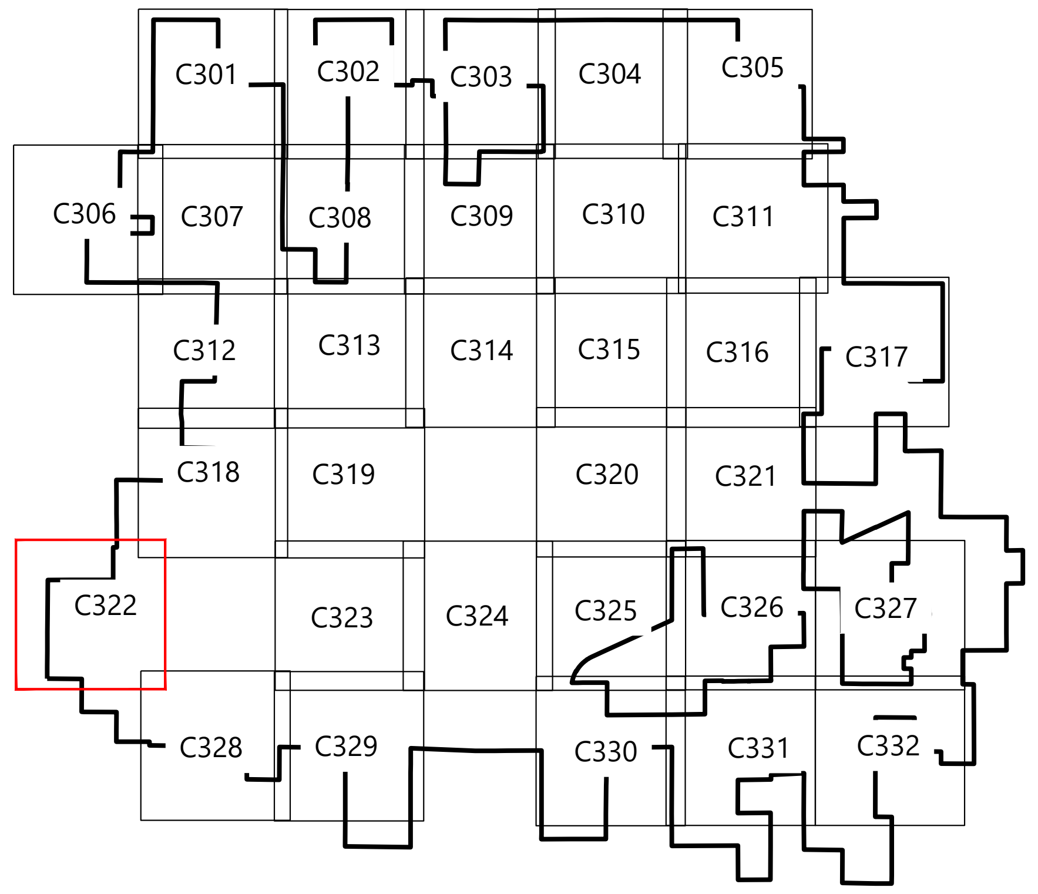

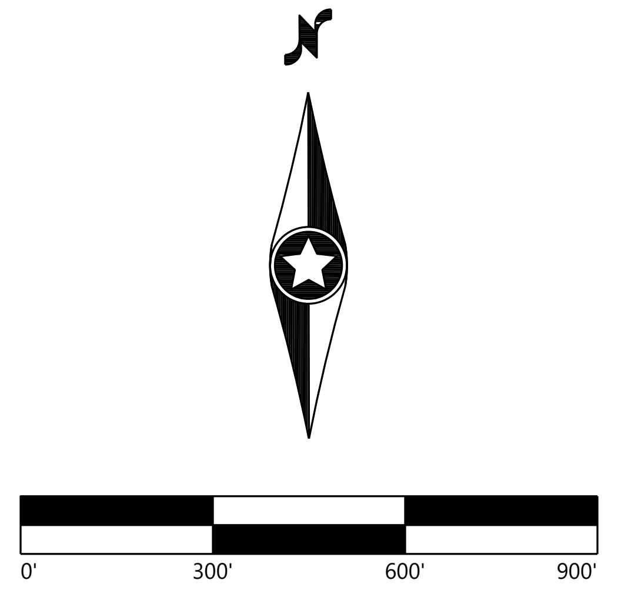

Westwood

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10/14/25
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REVISIONS:

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

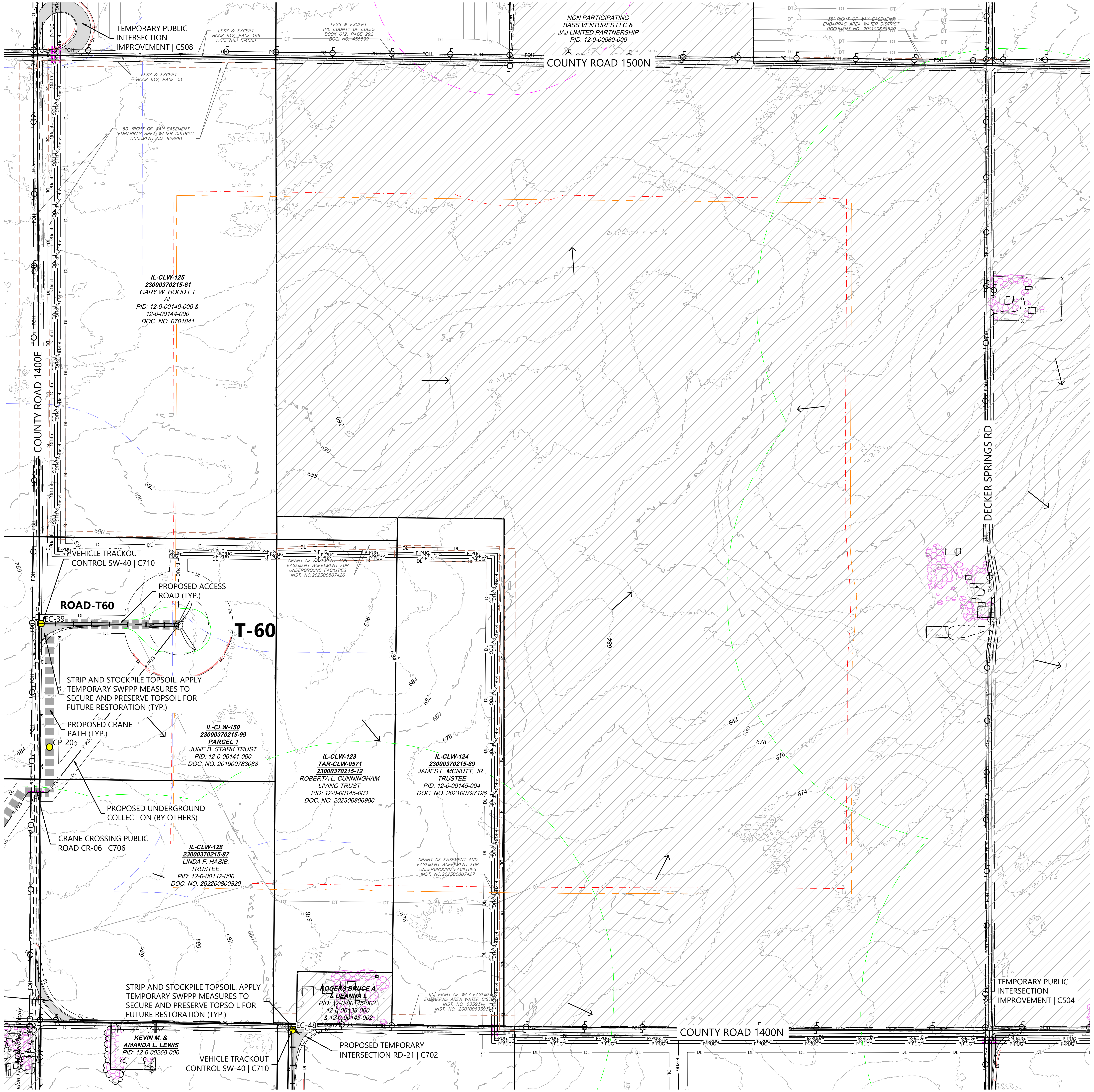
Site Plan - T58, T59

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C322

REV: 5


TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C508
LESS & EXCEPT BOOK 612, PAGE 169 DOC. NO. 454053
LESS & EXCEPT THE COUNTY OF COLES BOOK 612, PAGE 292 DOC. NO. 455599
NON PARTICIPATING BASS VENTURES LLC & JAJ LIMITED PARTNERSHIP PID: 12-0-00060-000
COUNTY ROAD 1500N
35' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100634670
LESS & EXCEPT BOOK 612, PAGE 33
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 628881
IL-CLW-125
23000370215-61
GARY W. HOOD ET AL
PID: 12-0-00140-000 & 12-0-00144-000
DOC. NO. 0701841
COUNTY ROAD 1400E
DECKER SPRINGS RD
692
690
688
686
684
682
680
678
676
674
694
VEHICLE TRACKOUT CONTROL SW-40 | C710
GRANT OF EASEMENT AND EASEMENT AGREEMENT FOR UNDERGROUND FACILITIES INST. NO.202300807426
PROPOSED ACCESS ROAD (TYP.)
ROAD-T60
EC-39
T-60
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED CRANE PATH (TYP.)
CP-20
IL-CLW-150
23000370215-99
PARCEL 1
JUNE B. STARK TRUST
PID: 12-0-00141-000
DOC. NO. 201900783068
IL-CLW-123
TAR-CLW-0571
23000370215-12
ROBERTA L. CUNNINGHAM LIVING TRUST
PID: 12-0-00145-003
DOC. NO. 202300806980
IL-CLW-124
23000370215-89
JAMES L. MCNUTT, JR., TRUSTEE
PID: 12-0-00145-004
DOC. NO. 202100797196
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
CRANE CROSSING PUBLIC ROAD CR-06 | C706
IL-CLW-128
23000370215-87
LINDA F. HASIB, TRUSTEE,
PID: 12-0-00142-000
DOC. NO. 202200800820
GRANT OF EASEMENT AND EASEMENT AGREEMENT FOR UNDERGROUND FACILITIES INST. NO.202300807427
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
ROGERS BRUCE A & DEANNA L
PID: 12-0-00145-002, 12-0-00138-000 & 12-0-00145-002
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 633931 INST. NO. 200100633931
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C504
EC-48
COUNTY ROAD 1400N
KEVIN M. & AMANDA L. LEWIS
PID: 12-0-00268-000
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
DL
P-PUG
POH
DT

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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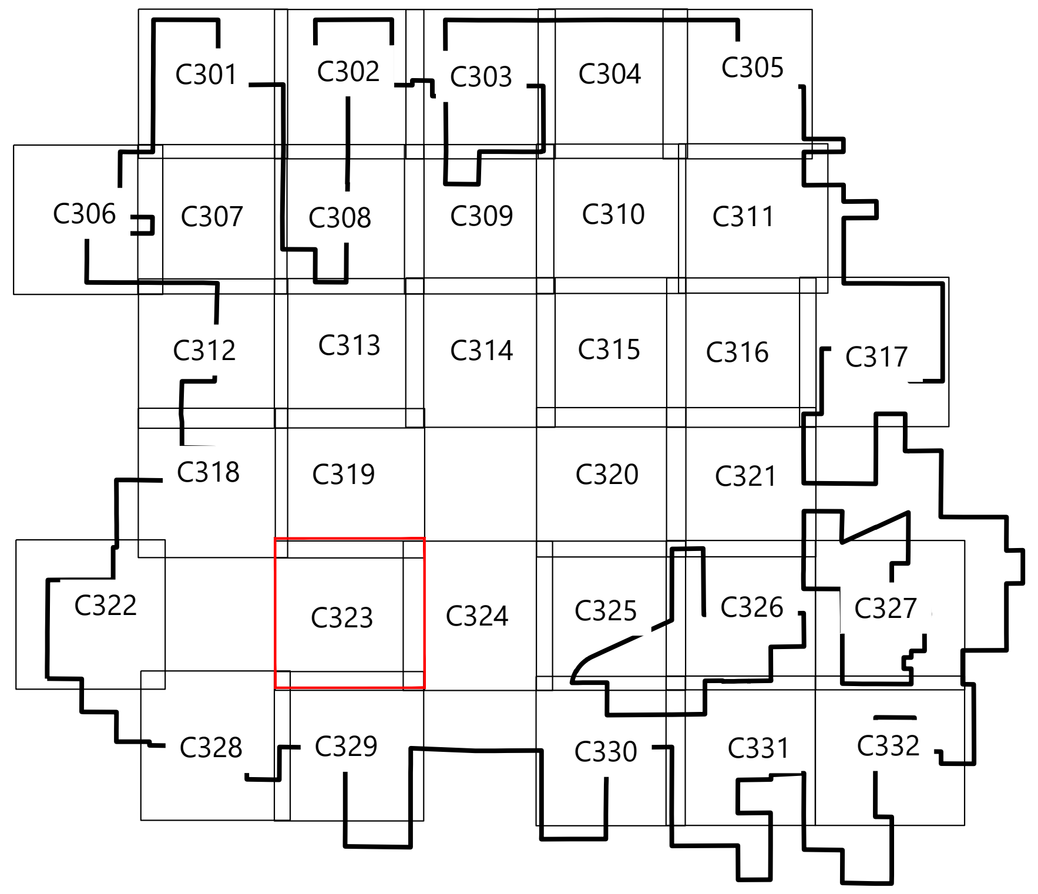
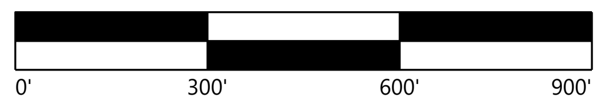
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

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Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T60

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C323

REV: 5

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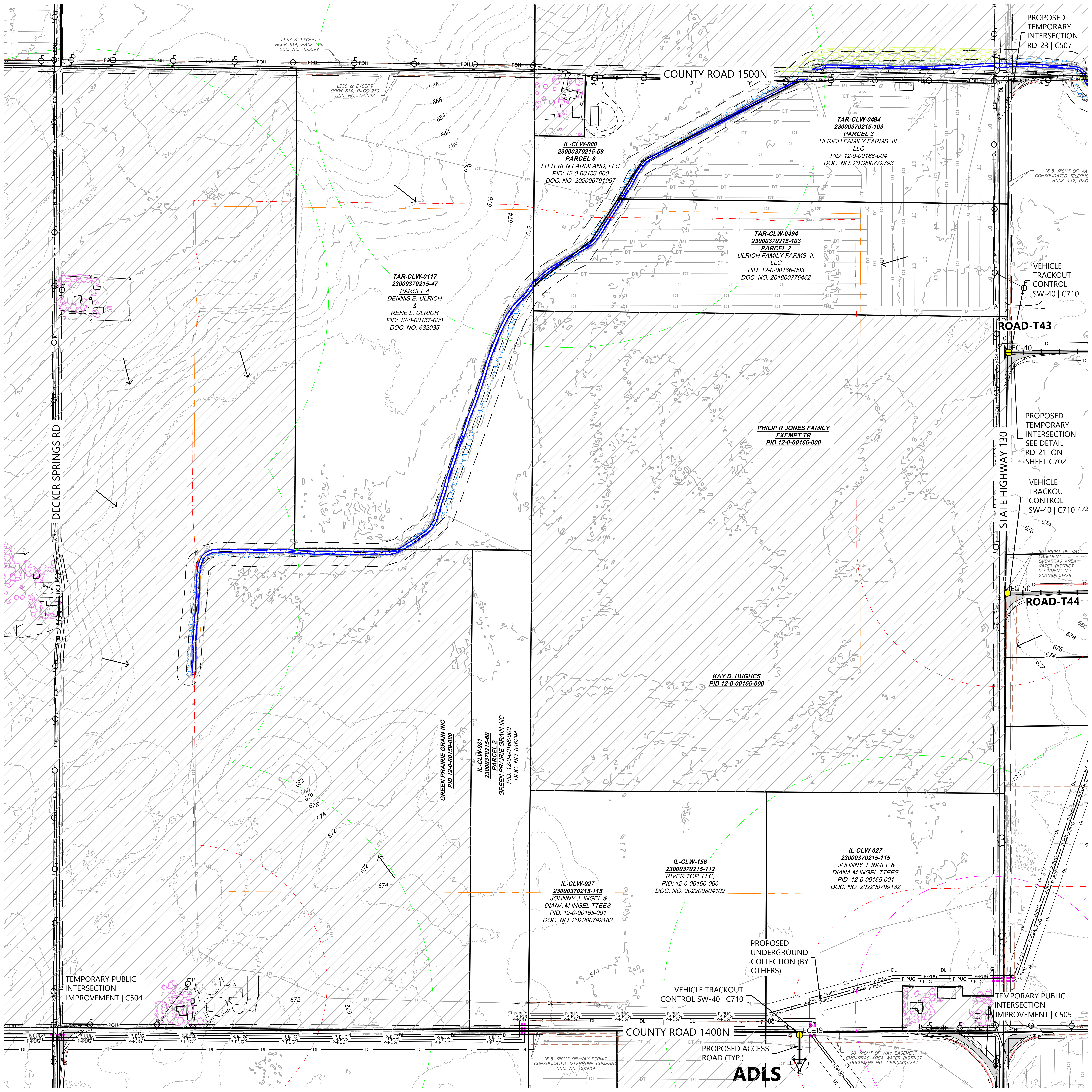
COUNTY ROAD 1500N
COUNTY ROAD 1400N
DECKER SPRINGS RD
STATE HIGHWAY 130
PROPOSED TEMPORARY INTERSECTION RD-23 | C507
VEHICLE TRACKOUT CONTROL SW-40 | C710
ROAD-T43
EC-40
PROPOSED TEMPORARY INTERSECTION SEE DETAIL RD-21 ON SHEET C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-50
ROAD-T44
TAR-CLW-0494 23000370215-103 PARCEL 3 ULRICH FAMILY FARMS, III, LLC PID: 12-0-00166-004 DOC. NO. 201900779793
IL-CLW-080 23000370215-59 PARCEL 6 LITTEKEN FARMLAND, LLC PID: 12-0-00153-000 DOC. NO. 202000791967
TAR-CLW-0494 23000370215-103 PARCEL 2 ULRICH FAMILY FARMS, II, LLC PID: 12-0-00166-003 DOC. NO. 201800776462
TAR-CLW-0117 23000370215-47 PARCEL 4 DENNIS E. ULRICH & RENE L. ULRICH PID: 12-0-00157-000 DOC. NO. 632035
PHILIP R JONES FAMILY EXEMPT TR PID 12-0-00166-000
KAY D. HUGHES PID 12-0-00155-000
GREEN PRAIRIE GRAIN INC PID 12-0-00159-000
IL-CLW-081 23000370215-60 PARCEL 1 GREEN PRAIRIE GRAIN INC PID: 12-0-00160-000 DOC. NO. 646294
IL-CLW-027 23000370215-115 JOHNNY J. INGEL & DIANA M INGEL TTEES PID: 12-0-00165-001 DOC. NO. 202200799182
IL-CLW-156 23000370215-112 RIVER TOP, LLC, PID: 12-0-00160-000 DOC. NO. 202200804102
IL-CLW-027 23000370215-115 JOHNNY J. INGEL & DIANA M INGEL TTEES PID: 12-0-00165-001 DOC. NO. 202200799182
LESS & EXCEPT BOOK 614, PAGE 286 DOC. NO. 455597
LESS & EXCEPT BOOK 614, PAGE 289 DOC. NO. 455598
16.5' RIGHT OF WAY CONSOLIDATED TELEPHONE BOOK 432, PAGE
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100633876
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C504
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED ACCESS ROAD (TYP.)
EC-19
ADLS
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C505
16.5' RIGHT OF WAY PERMIT CONSOLIDATED TELEPHONE COMPANY DOC. NO. 365874
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 199900616747
688
686
684
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678
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672
670
POH
DT
DL
P-PUG

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
	PROPOSED ACCESS ROAD
	PROPOSED CRANE PATH
	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
☐	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
PSC	PERIMETER SEDIMENT CONTROL
DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
	PUBLIC RIGHT OF WAY SETBACK

5

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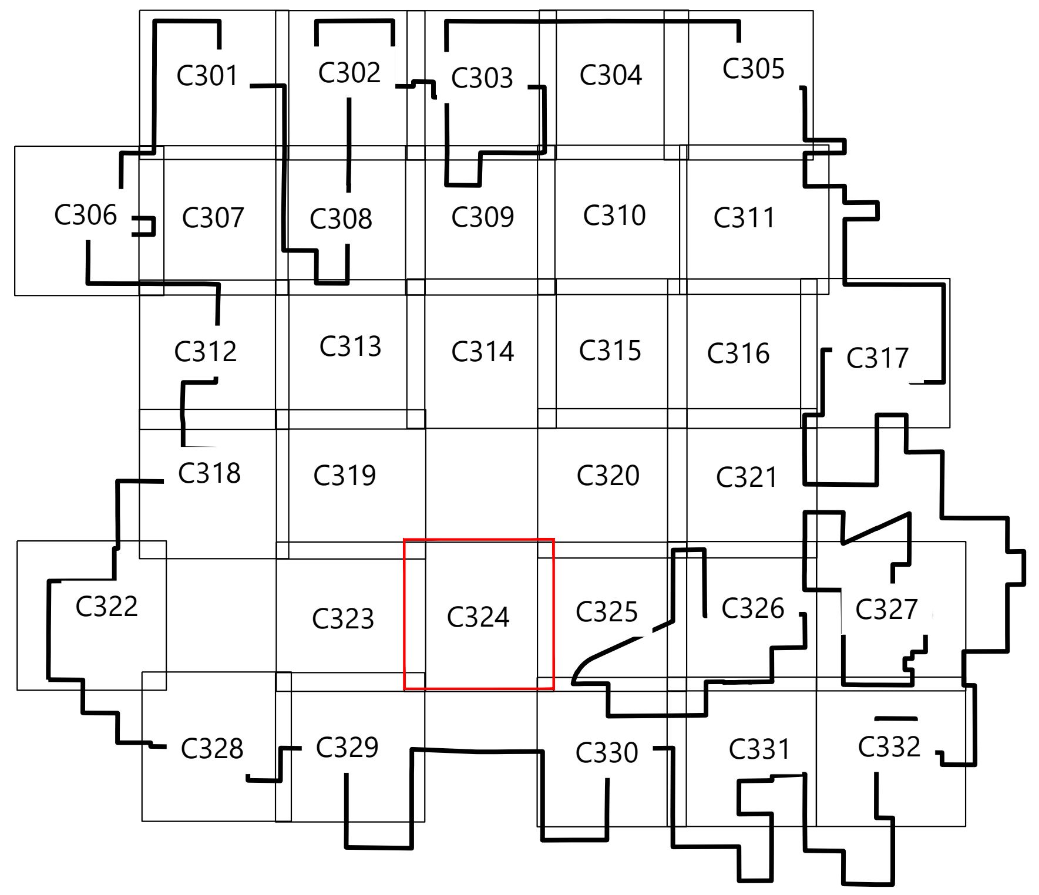
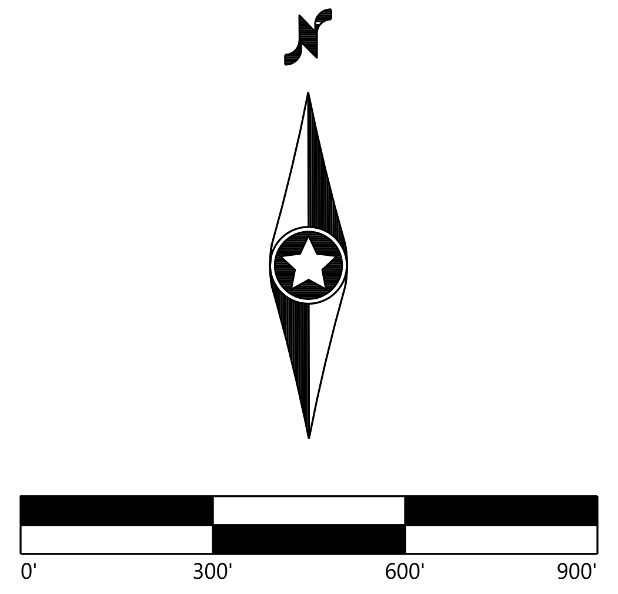
KEYMAP:





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EXP: 11/30/25

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0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

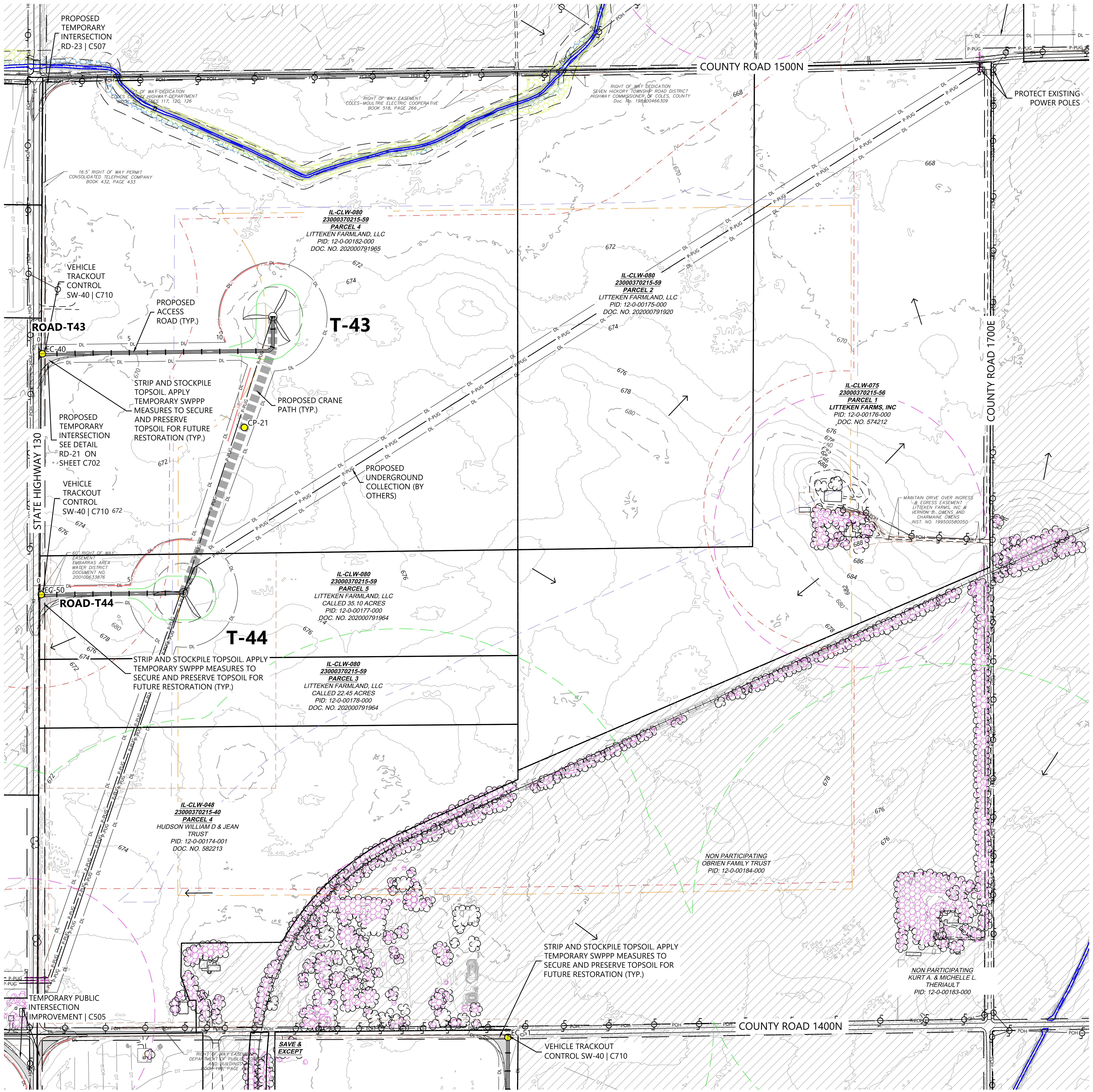
Coles Wind Project

Coles County, Illinois

Site Plan - ADLS

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C324
REV: 5


PROPOSED TEMPORARY INTERSECTION RD-23 | C507
COUNTY ROAD 1500N
RIGHT OF WAY DEDICATION COLES COUNTY HIGHWAY DEPARTMENT BOOK 501, PAGES 117, 120, 126
RIGHT OF WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE BOOK 518, PAGE 266
RIGHT OF WAY DEDICATION SEVEN HICKORY TOWNSHIP ROAD DISTRICT HIGHWAY COMMISSIONER OF COLES, COUNTY Doc. No. 198400466309
PROTECT EXISTING POWER POLES
16.5' RIGHT OF WAY PERMIT CONSOLIDATED TELEPHONE COMPANY BOOK 432, PAGE 433
IL-CLW-080
23000370215-59
PARCEL 4
LITTEKEN FARMLAND, LLC
PID: 12-0-00182-000
DOC. NO. 202000791965
IL-CLW-080
23000370215-59
PARCEL 2
LITTEKEN FARMLAND, LLC
PID: 12-0-00175-000
DOC. NO. 202000791920
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED ACCESS ROAD (TYP.)
ROAD-T43
EC-40
T-43
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED CRANE PATH (TYP.)
CP-21
PROPOSED TEMPORARY INTERSECTION SEE DETAIL RD-21 ON SHEET C702
STATE HIGHWAY 130
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
COUNTY ROAD 1700E
IL-CLW-075
23000370215-56
PARCEL 1
LITTEKEN FARMS, INC
PID: 12-0-00176-000
DOC. NO. 574212
MAINTAIN DRIVE OVER INGRESS & EGRESS EASEMENT LITTEKEN FARMS, INC & VERNON B. OWENS AND CHARMAINE OWENS INST. NO. 199500580050
VEHICLE TRACKOUT CONTROL SW-40 | C710
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100633876
EC-50
ROAD-T44
T-44
IL-CLW-080
23000370215-59
PARCEL 5
LITTEKEN FARMLAND, LLC
CALLED 35.10 ACRES
PID: 12-0-00177-000
DOC. NO. 202000791964
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
IL-CLW-080
23000370215-59
PARCEL 3
LITTEKEN FARMLAND, LLC
CALLED 22.45 ACRES
PID: 12-0-00178-000
DOC. NO. 202000791964
IL-CLW-048
23000370215-40
PARCEL 4
HUDSON WILLIAM D & JEAN TRUST
PID: 12-0-00174-001
DOC. NO. 582213
NON PARTICIPATING
OBRIEN FAMILY TRUST
PID: 12-0-00184-000
NON PARTICIPATING
KURT A. & MICHELLE L. THERIAULT
PID: 12-0-00183-000
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C505
RIGHT OF WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 196, PAGE
SAVE & EXCEPT
COUNTY ROAD 1400N
EC-51
VEHICLE TRACKOUT CONTROL SW-40 | C710
668
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684
686
688
DL
P-PUG
POH
DT
PSC

LEGEND:

##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
☒	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
⬡	EX. CULTURAL AREAS
⬡	EX. DUMPING AREAS
⬡	EX. SANDPIPER HABITAT
⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
- - -	NON-PARTICIPATING PARCEL SETBACK
- - -	NON-PARTICIPATING RESIDENCE SETBACK
- · -	OCCUPIED COMMUNITY BUILDING SETBACK
- · -	OVERHEAD DISTRIBUTION SETBACK
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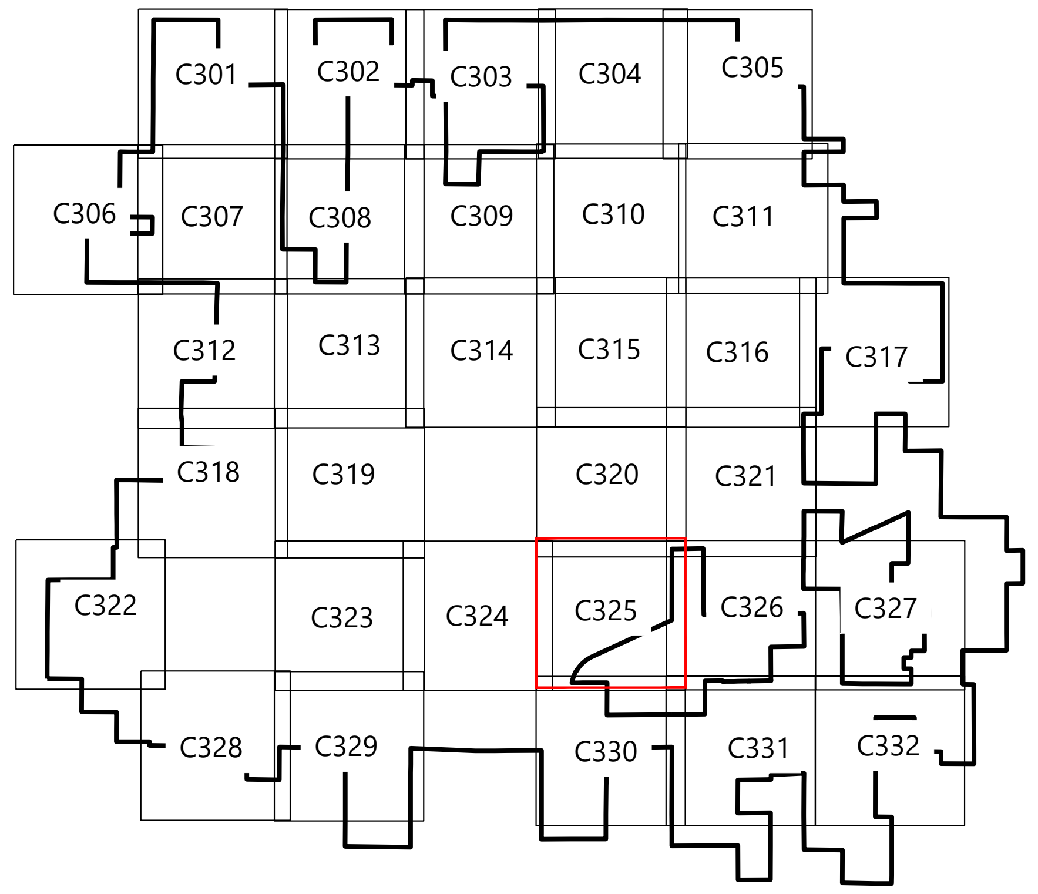
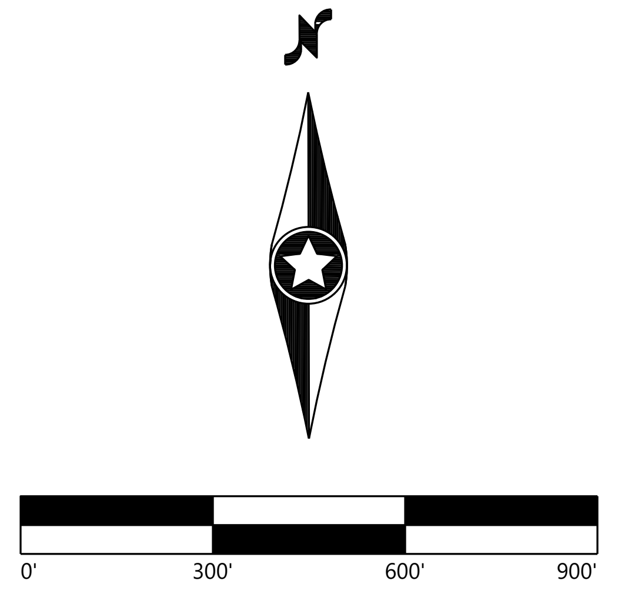
KEYMAP:





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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T41, T42, T43, T44

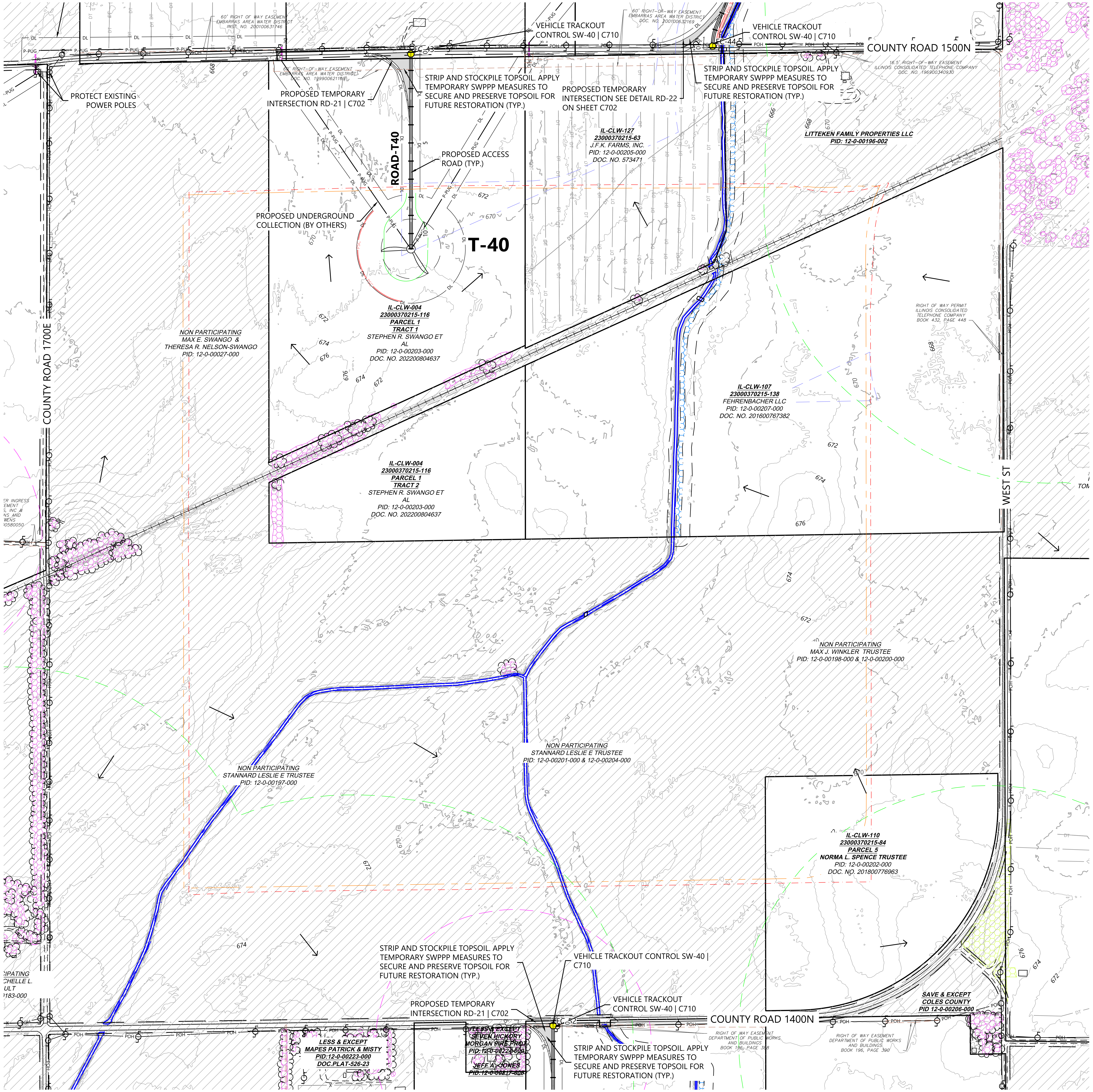
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C325

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-02.dwg 10/14/2025 3:19 PM Sofia Lara Carrillo



LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪ ▪ ▪ ▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
—— DL ——	DISTURBANCE LIMITS
—— P-PUG ——	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
——	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
~	EX. INTERVAL CONTOUR
—— ——	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
—— X ——	EX. FENCE
▭	EX. BUILDING
—— POH ——	EX. OVERHEAD POWER
- - - -	EASEMENT
— · · —	EX. STREAM CHANNEL
——	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡⬡⬡	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
⬡⬡⬡	EX. CULTURAL AREAS
⬡⬡⬡	EX. DUMPING AREAS
⬡⬡⬡	EX. SANDPIPER HABITAT
⬡⬡⬡	EX. BAT HABITAT
—— PSC ——	PERIMETER SEDIMENT CONTROL
—— DT ——	EX. DRAIN TILE*
——	PAD EDGE
→	FLOW ARROW
— — —	NON-PARTICIPATING PARCEL SETBACK
— — —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
— — —	PARTICIPATING RESIDENCE SETBACK
— — —	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED
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   - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
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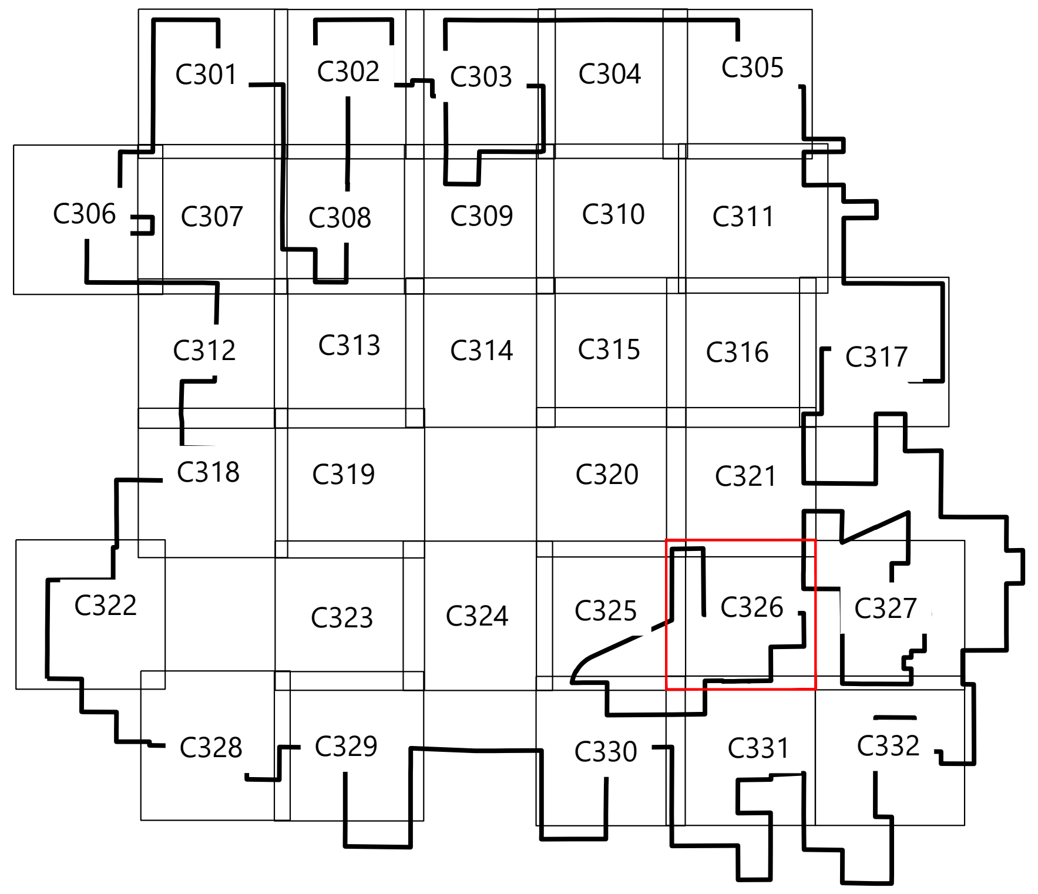
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



Westwood
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062-077157
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

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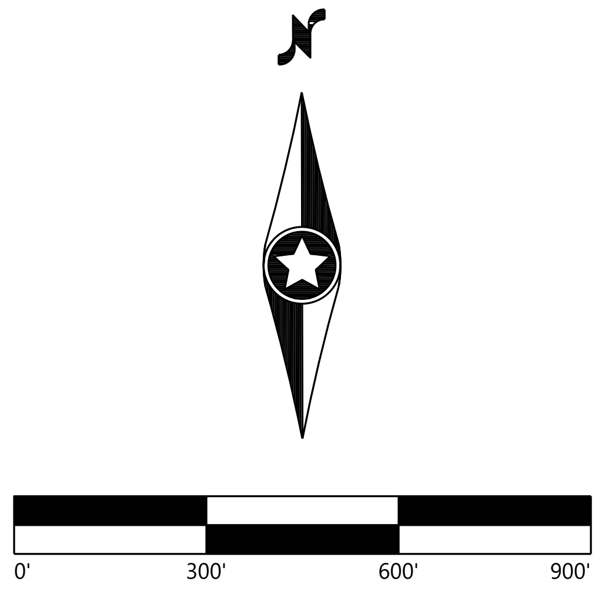

Coles Wind Project
Coles County, Illinois

Site Plan - T40

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C326
REV: 5

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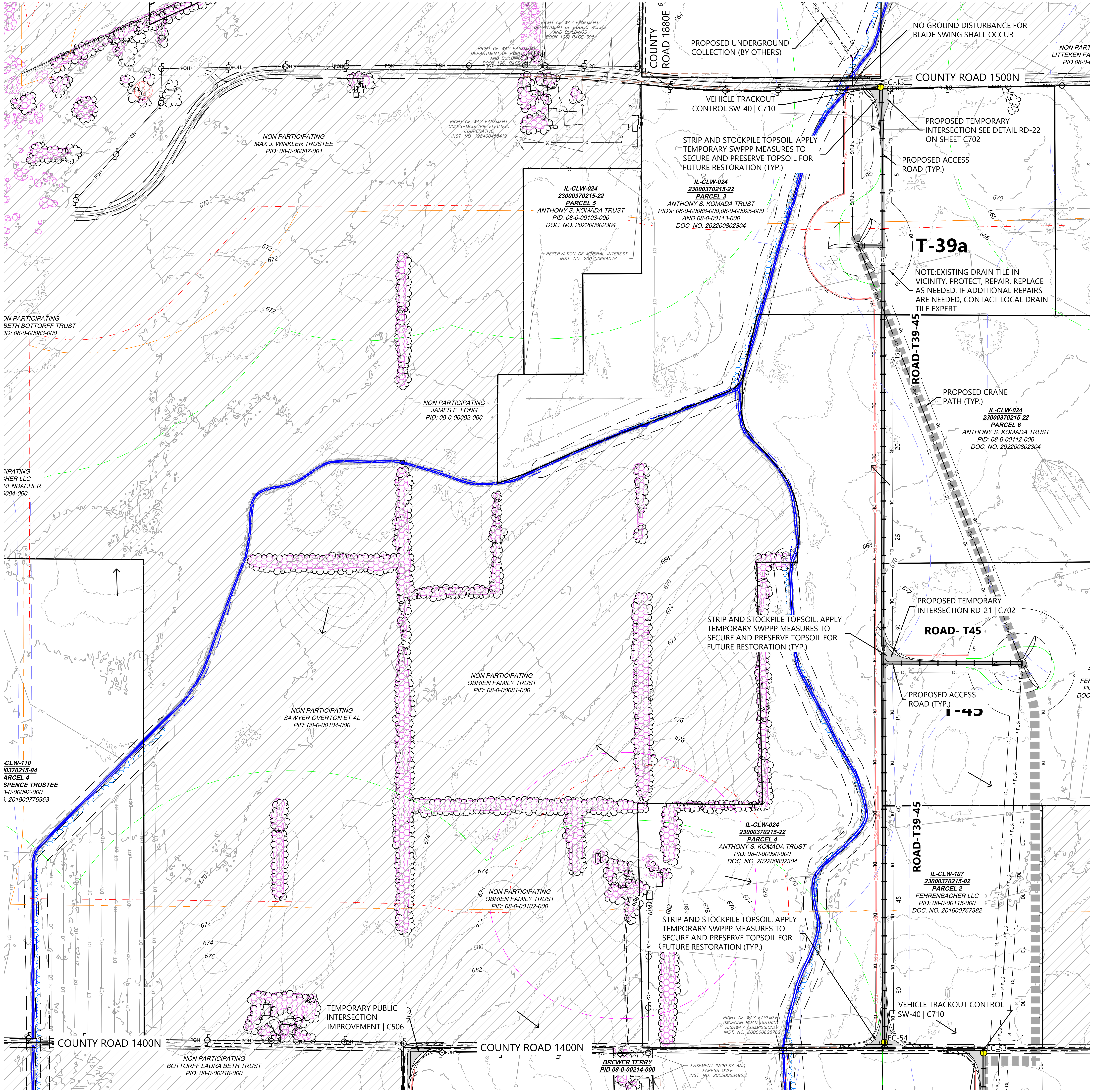

LEGEND:

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ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▒	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
—	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡	EX. WETLAND (DELINEATED)
— —	EX. 50' WETLAND BUFFER
⬡	EX. CULTURAL AREAS
⬡	EX. DUMPING AREAS
⬡	EX. SANDPIPER HABITAT
⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
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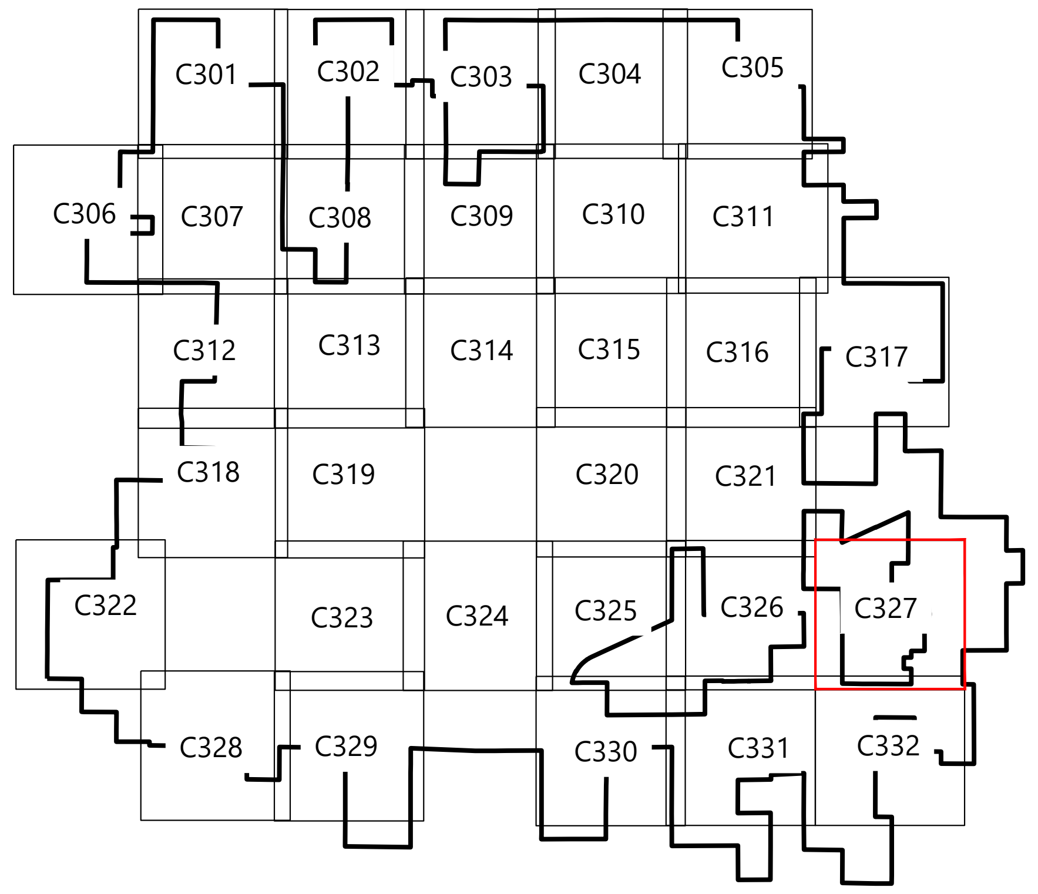

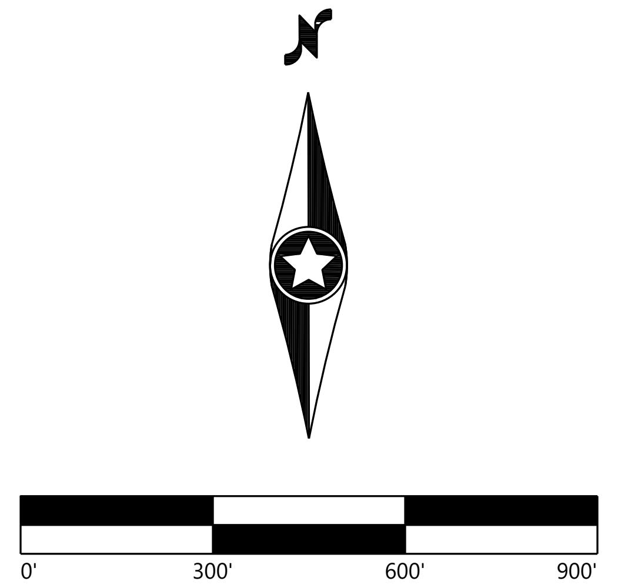

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Toll Free	(888) 937-5150	Plano, TX 75093
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Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER
PAIGE R.
MORTENSON
062-077157
OF ILLINOIS

10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T39, T45

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C327

REV: 5

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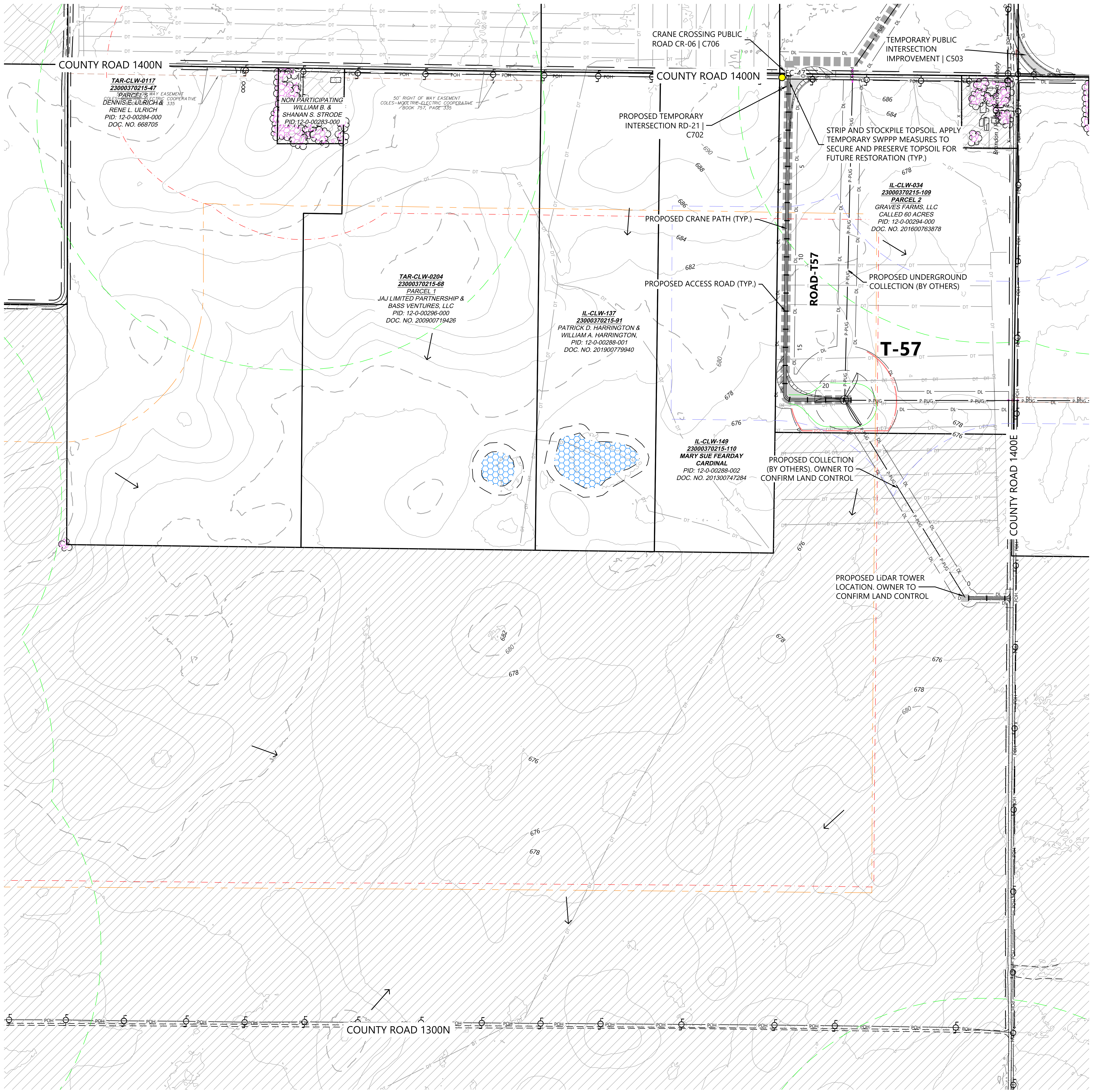

LEGEND:

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ADLS	ADLS TOWER LOCATION
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	PROPOSED TEMPORARY TURN
	PROPOSED OBSTACLE FREE AREA
	PROPOSED WET ROAD SEGMENTS
DL	DISTURBANCE LIMITS
P-PUG	UNDERGROUND COLLECTION PROVIDED BY OTHERS
	PROPOSED BORING*
	PROPOSED FACILITIES
	NON-PARTICIPATING LAND**
	PARCEL LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. RIGHT OF WAY
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAIL ROAD
X	EX. FENCE
	EX. BUILDING
POH	EX. OVERHEAD POWER
	EASEMENT
	EX. STREAM CHANNEL
	EX. WATER EDGE FROM PLANIMETRIC DATA
	EX. WETLAND (DELINEATED)
	EX. 50' WETLAND BUFFER
	EX. CULTURAL AREAS
	EX. DUMPING AREAS
	EX. SANDPIPER HABITAT
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DT	EX. DRAIN TILE*
	PAD EDGE
→	FLOW ARROW
	NON-PARTICIPATING PARCEL SETBACK
	NON-PARTICIPATING RESIDENCE SETBACK
	OCCUPIED COMMUNITY BUILDING SETBACK
	OVERHEAD DISTRIBUTION SETBACK
	OVERHEAD TRANSMISSION SETBACK
	PARTICIPATING RESIDENCE SETBACK
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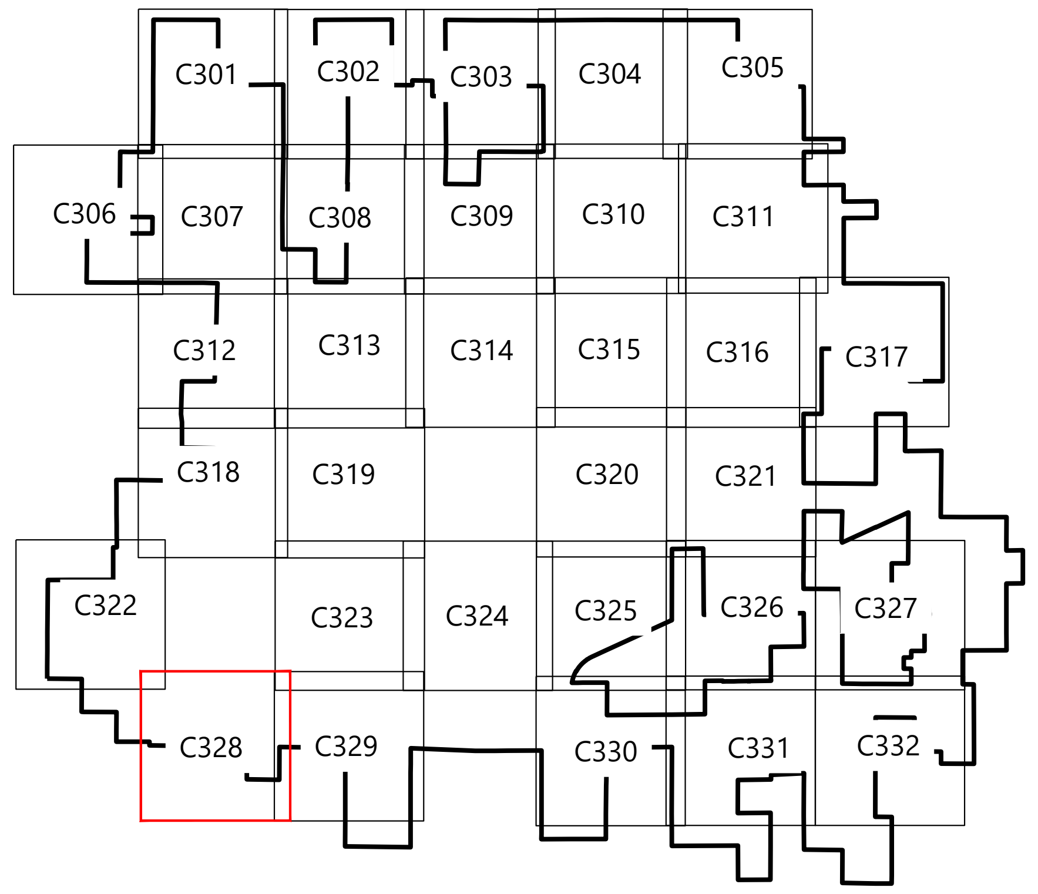
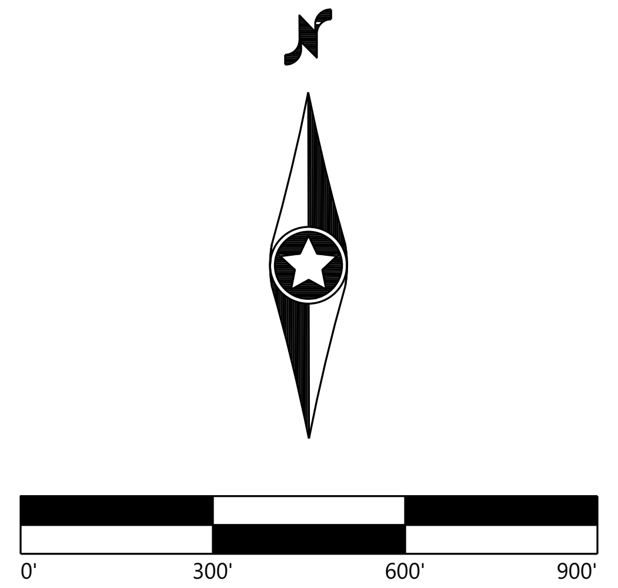
KEYMAP:





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PREPARED FOR:

APEX CLEAN ENERGY

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T57

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C328

REV: 5

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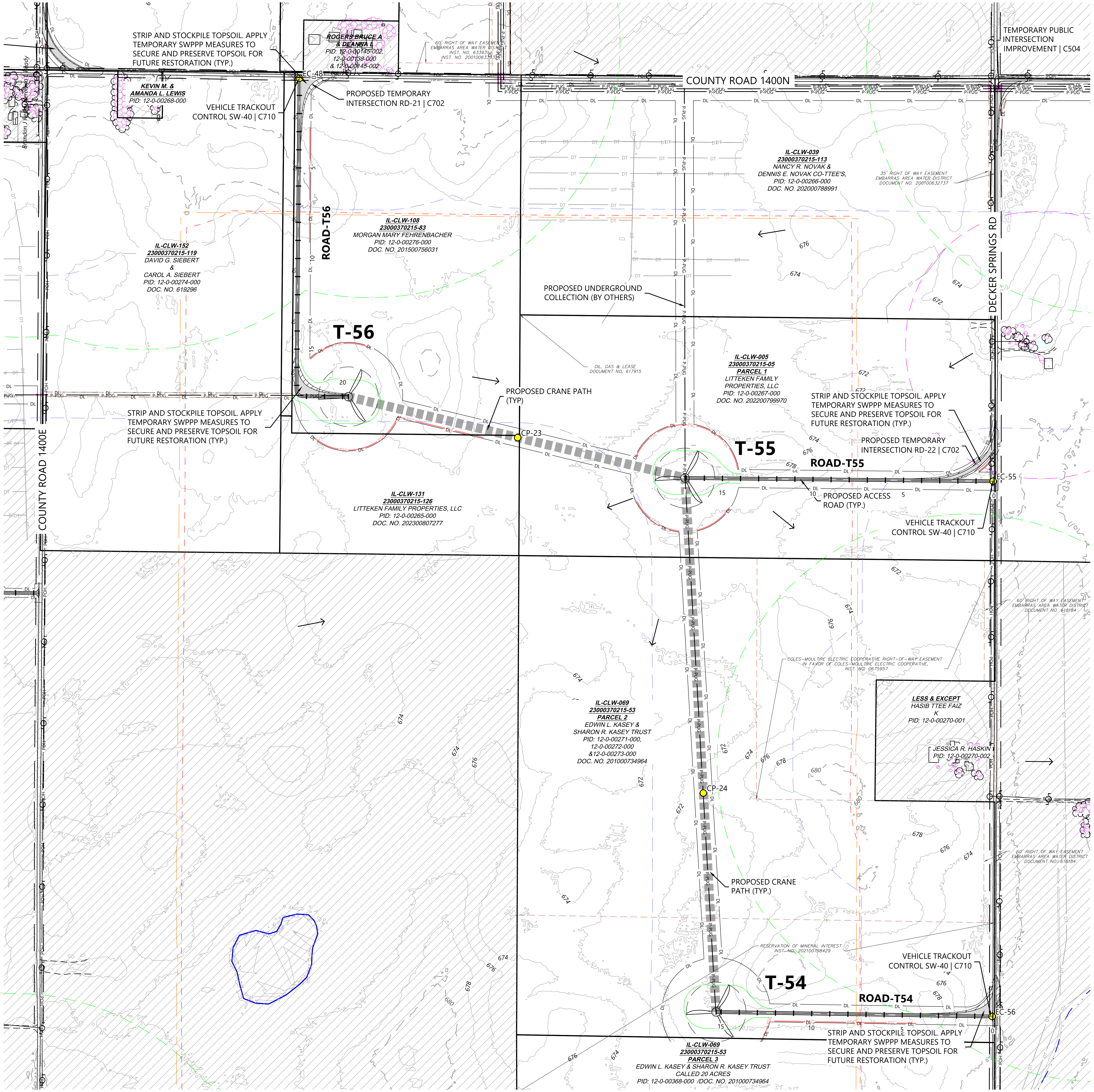
COUNTY ROAD 1400N
COUNTY ROAD 1400E
DECKER SPRINGS RD
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
ROGERS BRUCE A & DEANNA L
PID: 12-0-00145-002, 12-0-00138-000 & 12-0-00145-002
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT INST. NO. 633931 INST. NO. 200100633931
KEVIN M. & AMANDA L. LEWIS
PID: 12-0-00268-000
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-48
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C504
IL-CLW-039
23000370215-113
NANCY R. NOVAK & DENNIS E. NOVAK CO-TTEE'S,
PID: 12-0-00266-000
DOC. NO. 202000788991
35' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100632737
ROAD-T56
IL-CLW-108
23000370215-83
MORGAN MARY FEHRENBACHER
PID: 12-0-00276-000
DOC. NO. 201500756031
IL-CLW-152
23000370215-119
DAVID G. SIEBERT & CAROL A. SIEBERT
PID: 12-0-00274-000
DOC. NO. 619296
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
T-56
OIL, GAS & LEASE DOCUMENT NO, 617915
IL-CLW-005
23000370215-05
PARCEL 1
LITTEKEN FAMILY PROPERTIES, LLC
PID: 12-0-00267-000
DOC. NO. 202200799970
PROPOSED CRANE PATH (TYP)
CP-23
PROPOSED TEMPORARY INTERSECTION RD-22 | C702
T-55
ROAD-T55
EC-55
PROPOSED ACCESS ROAD (TYP.)
IL-CLW-131
23000370215-126
LITTEKEN FAMILY PROPERTIES, LLC
PID: 12-0-00265-000
DOC. NO. 202300807277
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 618184
COLES-MOULTRIE ELECTRIC COOPERATIVE RIGHT-OF-WAY EASEMENT IN FAVOR OF COLES-MOULTRIE ELECTRIC COOPERATIVE, INST. NO. 0675957
LESS & EXCEPT
HASIB TTEE FAIZ K
PID: 12-0-00270-001
JESSICA R. HASKIN
PID: 12-0-00270-002
IL-CLW-069
23000370215-53
PARCEL 2
EDWIN L. KASEY & SHARON R. KASEY TRUST
PID: 12-0-00271-000, 12-0-00272-000 &12-0-00273-000
DOC. NO. 201000734964
CP-24
PROPOSED CRANE PATH (TYP.)
RESERVATION OF MINERAL INTEREST INST. NO. 202100798429
T-54
ROAD-T54
EC-56
IL-CLW-069
23000370215-53
PARCEL 3
EDWIN L. KASEY & SHARON R. KASEY TRUST
CALLED 20 ACRES
PID: 12-0-00368-000 /DOC. NO. 201000734964
672
674
676
678
680

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
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	PROPOSED ACCESS ROAD
▬ ▬ ▬	PROPOSED CRANE PATH
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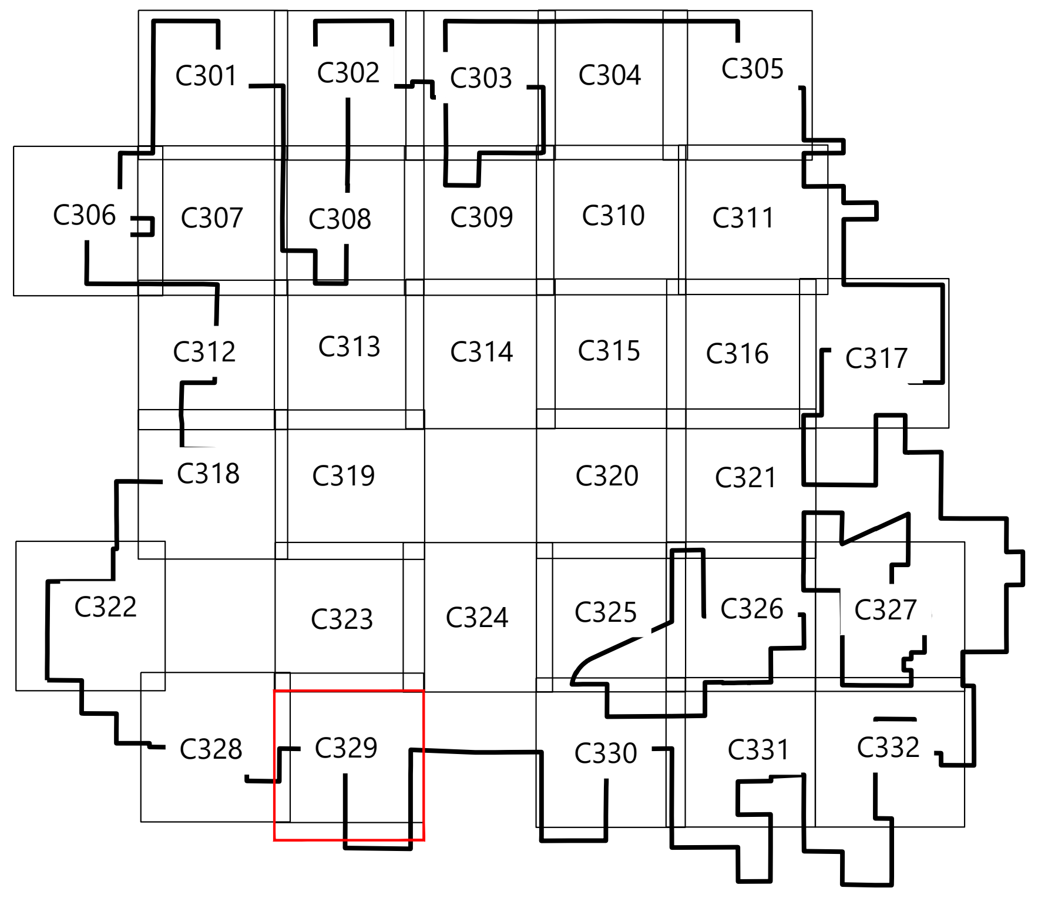
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:



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LICENSED PROFESSIONAL ENGINEER
PAIGE R. MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
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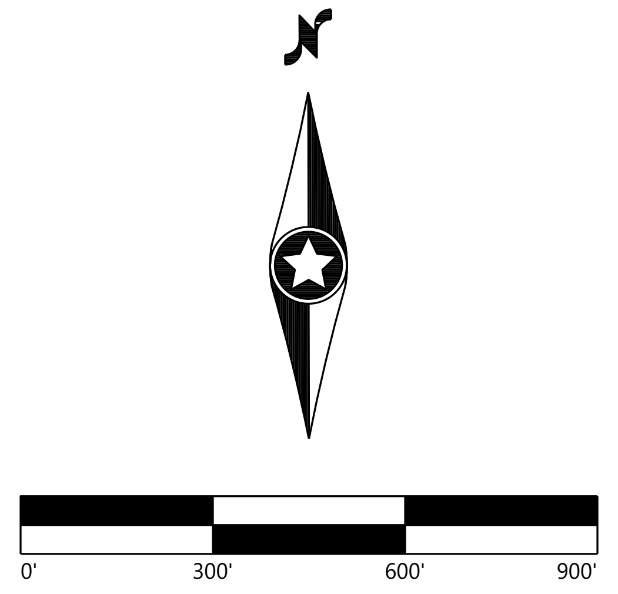
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Site Plan - T54, T55, T56

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C329

REV: 5

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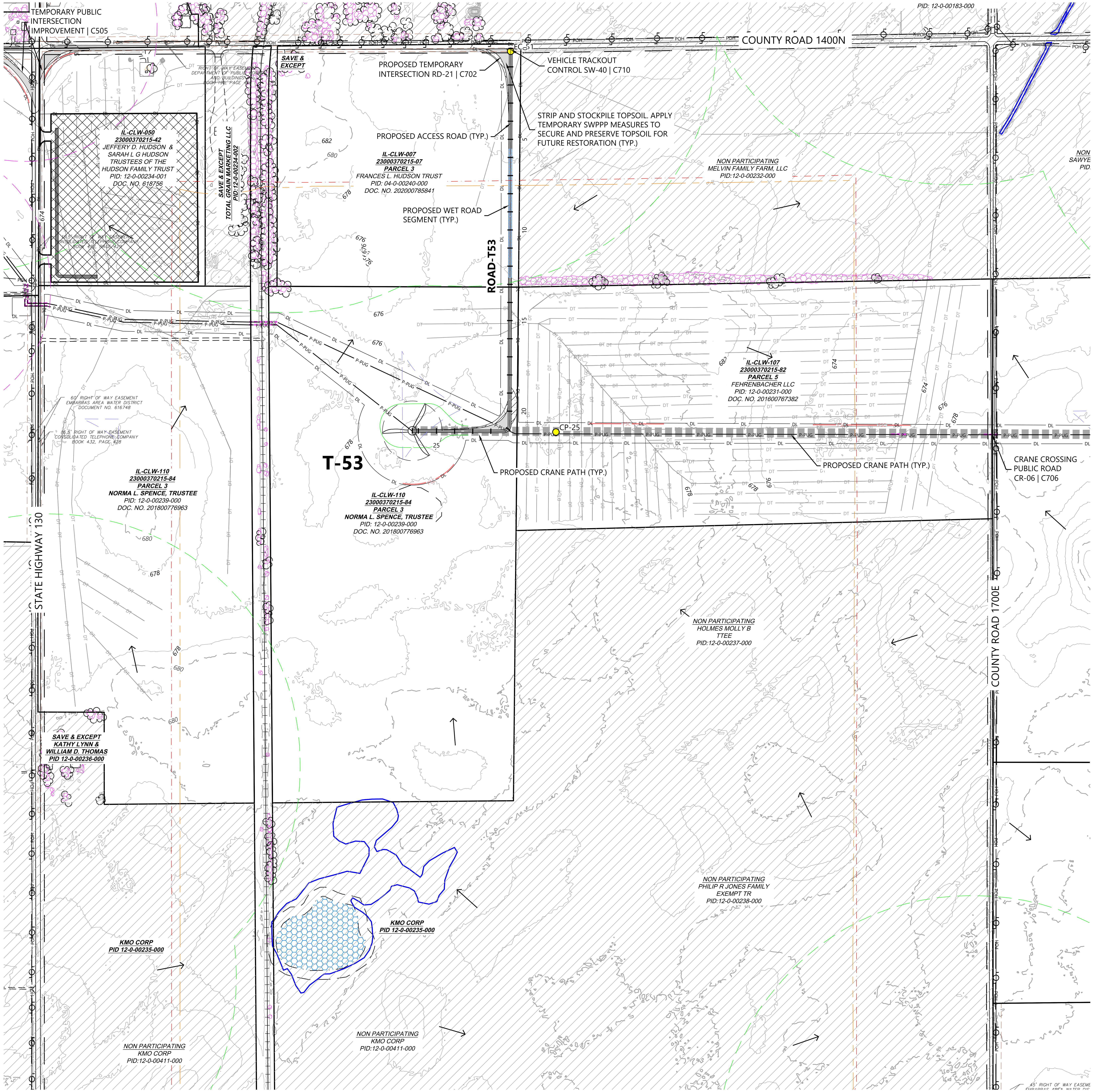
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C505
COUNTY ROAD 1400N
PID: 12-0-00183-000
SAVE & EXCEPT
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-51
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED ACCESS ROAD (TYP.)
PROPOSED WET ROAD SEGMENT (TYP.)
ROAD-T53
RIGHT OF WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 196, PAGE 456
IL-CLW-050
23000370215-42
JEFFERY D. HUDSON & SARAH L G HUDSON TRUSTEES OF THE HUDSON FAMILY TRUST
PID: 12-0-00234-001
DOC. NO. 618756
16.5' RIGHT OF WAY EASEMENT CONSOLIDATED TELEPHONE COMPANY BOOK 432, PAGE 423
SAVE & EXCEPT TOTAL GRAIN MARKETING LLC PID:12-0-00234-002
IL-CLW-007
23000370215-07
PARCEL 3
FRANCES L. HUDSON TRUST
PID: 04-0-00240-000
DOC. NO. 202000785841
NON PARTICIPATING
MELVIN FAMILY FARM, LLC
PID:12-0-00232-000
NON SAWYE PID
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 616748
16.5' RIGHT OF WAY EASEMENT CONSOLIDATED TELEPHONE COMPANY BOOK 432, PAGE 428
IL-CLW-110
23000370215-84
PARCEL 3
NORMA L. SPENCE, TRUSTEE
PID: 12-0-00239-000
DOC. NO. 201800776963
T-53
CP-25
PROPOSED CRANE PATH (TYP.)
IL-CLW-107
23000370215-82
PARCEL 5
FEHRENBACHER LLC
PID: 12-0-00231-000
DOC. NO. 201600767382
CRANE CROSSING PUBLIC ROAD CR-06 | C706
STATE HIGHWAY 130
COUNTY ROAD 1700E
NON PARTICIPATING
HOLMES MOLLY B TTEE
PID:12-0-00237-000
SAVE & EXCEPT KATHY LYNN & WILLIAM D. THOMAS PID 12-0-00236-000
KMO CORP PID 12-0-00235-000
NON PARTICIPATING
PHILIP R JONES FAMILY EXEMPT TR
PID:12-0-00238-000
NON PARTICIPATING
KMO CORP
PID:12-0-00411-000
45' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DIS
DL
DT
POH
P-PUG
PSC
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25
674
676
678
680
682

LEGEND:

##	TURBINE LOCATION
△ ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
☒	PROPOSED WET ROAD SEGMENTS
— DL —	DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
—	PARCEL LINES
— 900 —	EX. INDEX CONTOUR
~	EX. INTERVAL CONTOUR
— —	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = =	EX. GRAVEL ROAD
┼┼┼	EX. RAIL ROAD
— X —	EX. FENCE
▭	EX. BUILDING
— POH —	EX. OVERHEAD POWER
- - -	EASEMENT
— · · —	EX. STREAM CHANNEL
—	EX. WATER EDGE FROM PLANIMETRIC DATA
⬡	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
⬡	EX. CULTURAL AREAS
⬡	EX. DUMPING AREAS
⬡	EX. SANDPIPER HABITAT
⬡	EX. BAT HABITAT
— PSC —	PERIMETER SEDIMENT CONTROL
— DT —	EX. DRAIN TILE*
—	PAD EDGE
→	FLOW ARROW
— —	NON-PARTICIPATING PARCEL SETBACK
— —	NON-PARTICIPATING RESIDENCE SETBACK
— · —	OCCUPIED COMMUNITY BUILDING SETBACK
— · —	OVERHEAD DISTRIBUTION SETBACK
— · —	OVERHEAD TRANSMISSION SETBACK
— —	PARTICIPATING RESIDENCE SETBACK
— —	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

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2. AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
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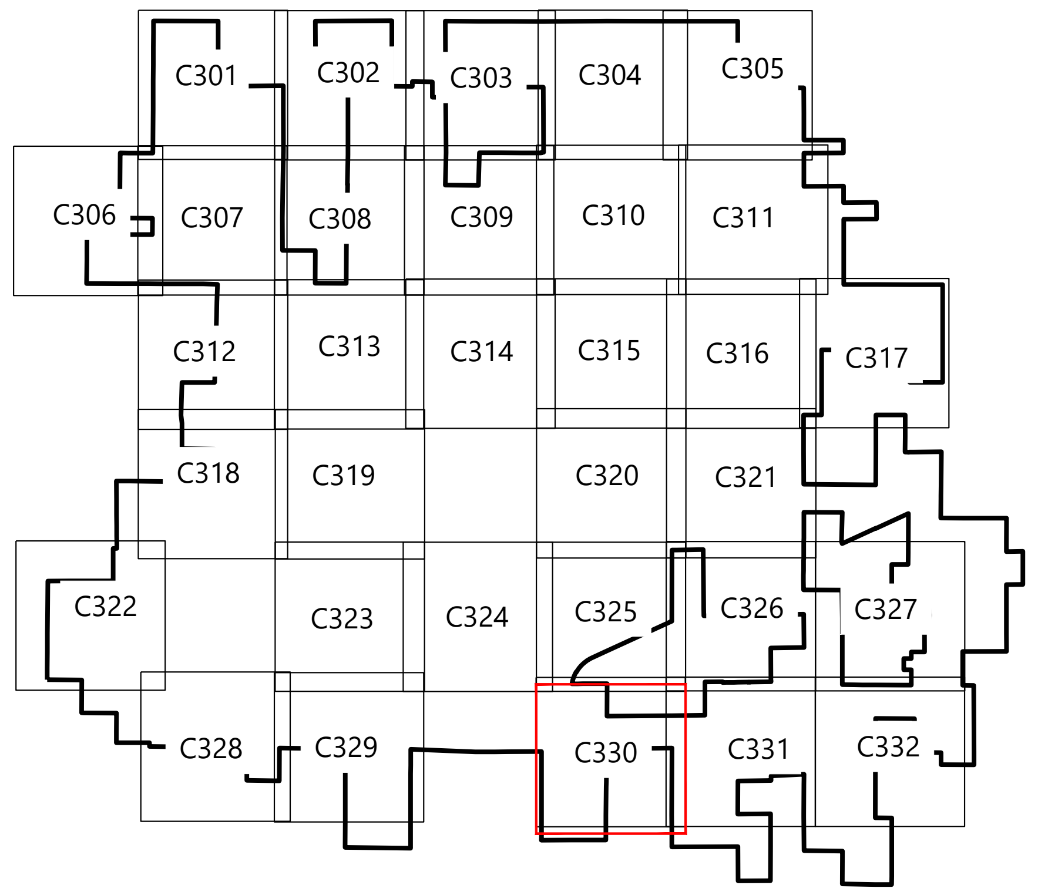
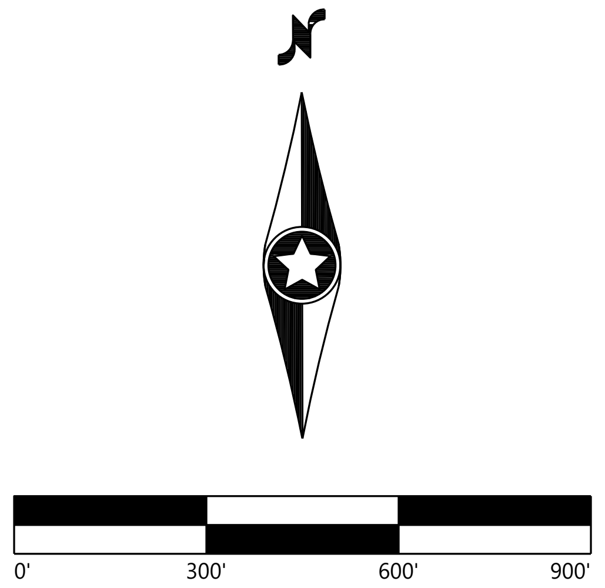
KEYMAP:





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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T53

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C330

REV: 5

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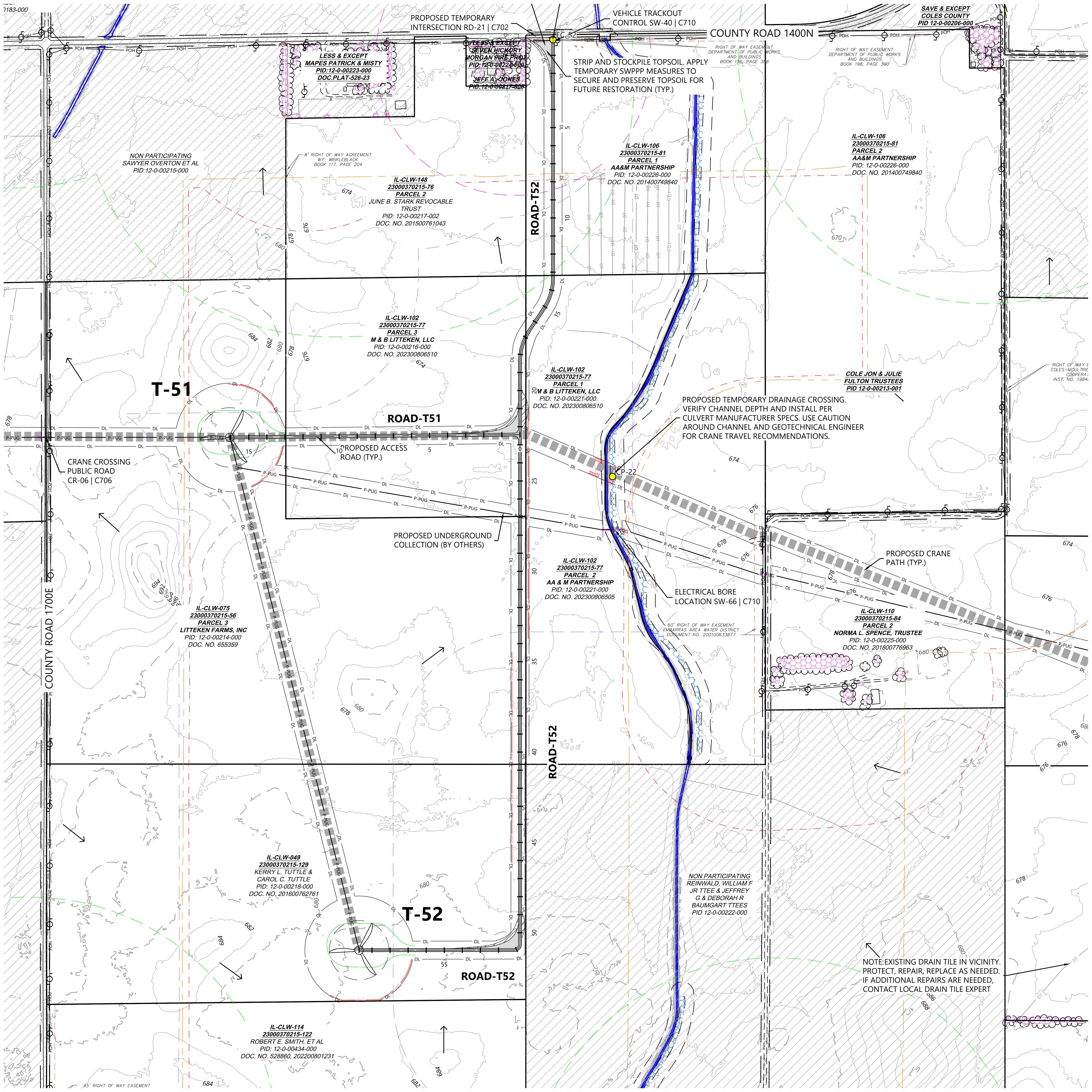
0183-000
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
VEHICLE TRACKOUT CONTROL SW-40 | C710
COUNTY ROAD 1400N
SAVE & EXCEPT COLES COUNTY PID 12-0-00206-000
LESS & EXCEPT MAPES PATRICK & MISTY PID:12-0-00223-000 DOC.PLAT-526-23
LESS & EXCEPT SEVEN HICKORY MORGAN FIRE PROT. PID:12-0-00224-000
JEFF A. JONES PID:12-0-00217-000
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
RIGHT OF WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 196, PAGE 388
RIGHT OF WAY EASEMENT DEPARTMENT OF PUBLIC WORKS AND BUILDINGS BOOK 196, PAGE 390
NON PARTICIPATING SAWYER OVERTON ET AL PID:12-0-00215-000
8' RIGHT OF WAY AGREEMENT W.F. WINKLEBLACK BOOK 117, PAGE 204
IL-CLW-148 23000370215-76 PARCEL 2 JUNE B. STARK REVOCABLE TRUST PID: 12-0-00217-002 DOC. NO. 201500761043
IL-CLW-106 23000370215-81 PARCEL 1 AA&M PARTNERSHIP PID: 12-0-00226-000 DOC. NO. 201400749840
IL-CLW-106 23000370215-81 PARCEL 2 AA&M PARTNERSHIP PID: 12-0-00226-000 DOC. NO. 201400749840
ROAD-T52
IL-CLW-102 23000370215-77 PARCEL 3 M & B LITTEKEN, LLC PID: 12-0-00216-000 DOC. NO. 202300806510
IL-CLW-102 23000370215-77 PARCEL 1 M & B LITTEKEN, LLC PID: 12-0-00221-000 DOC. NO. 202300806510
COLE JON & JULIE FULTON TRUSTEES PID 12-0-00213-001
RIGHT OF WAY E COLES-MOULTRIE COOPERAT INST. NO. 1984
T-51
ROAD-T51
CRANE CROSSING PUBLIC ROAD CR-06 | C706
PROPOSED ACCESS ROAD (TYP.)
PROPOSED TEMPORARY DRAINAGE CROSSING. VERIFY CHANNEL DEPTH AND INSTALL PER CULVERT MANUFACTURER SPECS. USE CAUTION AROUND CHANNEL AND GEOTECHNICAL ENGINEER FOR CRANE TRAVEL RECOMMENDATIONS.
CP-22
EC-52
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
PROPOSED CRANE PATH (TYP.)
ELECTRICAL BORE LOCATION SW-66 | C710
60' RIGHT OF WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 200100633877
IL-CLW-102 23000370215-77 PARCEL 2 AA & M PARTNERSHIP PID: 12-0-00221-000 DOC. NO. 202300806505
IL-CLW-110 23000370215-84 PARCEL 2 NORMA L. SPENCE, TRUSTEE PID: 12-0-00225-000 DOC. NO. 201800776963
COUNTY ROAD 1700E
IL-CLW-075 23000370215-56 PARCEL 3 LITTEKEN FARMS, INC PID: 12-0-00214-000 DOC. NO. 655359
IL-CLW-049 23000370215-129 KERRY L. TUTTLE & CAROL C. TUTTLE PID: 12-0-00218-000 DOC. NO. 201600762761
T-52
ROAD-T52
NON PARTICIPATING REINWALD, WILLIAM F JR TTEE & JEFFREY G & DEBORAH R BAUMGART TTEES PID 12-0-00222-000
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
IL-CLW-114 23000370215-122 ROBERT E. SMITH, ET AL PID: 12-0-00434-000 DOC. NO. 528860, 202200801231
45' RIGHT OF WAY EASEMENT
POH
P-PUG
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PSC
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694

LEGEND:

- TURBINE LOCATION
- ADLS TOWER LOCATION
- PROPOSED DRAINAGE CROSSING
- PROPOSED ACCESS ROAD
- PROPOSED CRANE PATH
- PROPOSED TEMPORARY TURN
- PROPOSED OBSTACLE FREE AREA
- PROPOSED WET ROAD SEGMENTS
- DISTURBANCE LIMITS
- UNDERGROUND COLLECTION PROVIDED BY OTHERS
- PROPOSED BORING*
- PROPOSED FACILITIES
- NON-PARTICIPATING LAND**
- PARCEL LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. RIGHT OF WAY
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. RAIL ROAD
- EX. FENCE
- EX. BUILDING
- EX. OVERHEAD POWER
- EASEMENT
- EX. STREAM CHANNEL
- EX. WATER EDGE FROM PLANIMETRIC DATA
- EX. WETLAND (DELINEATED)
- EX. 50' WETLAND BUFFER
- EX. CULTURAL AREAS
- EX. DUMPING AREAS
- EX. SANDPIPER HABITAT
- EX. BAT HABITAT
- PERIMETER SEDIMENT CONTROL
- EX. DRAIN TILE*
- PAD EDGE
- FLOW ARROW
- NON-PARTICIPATING PARCEL SETBACK
- NON-PARTICIPATING RESIDENCE SETBACK
- OCCUPIED COMMUNITY BUILDING SETBACK
- OVERHEAD DISTRIBUTION SETBACK
- OVERHEAD TRANSMISSION SETBACK
- PARTICIPATING RESIDENCE SETBACK
- PUBLIC RIGHT OF WAY SETBACK

5

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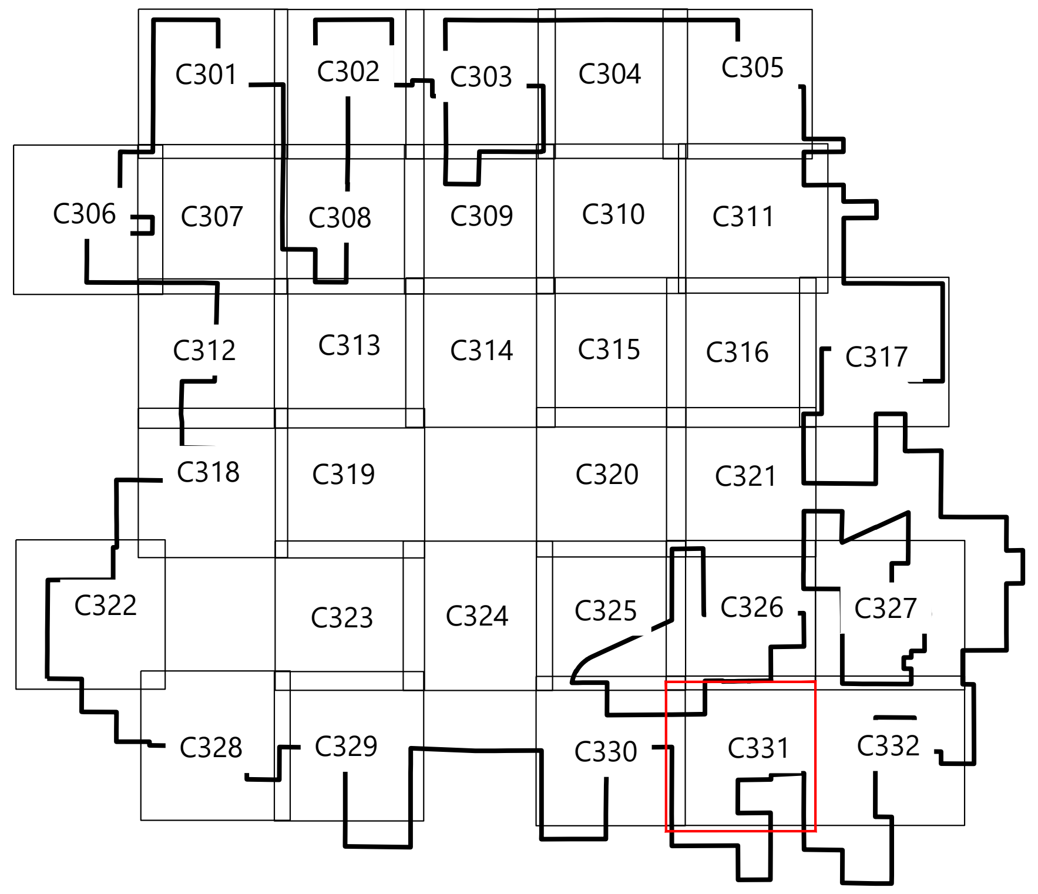
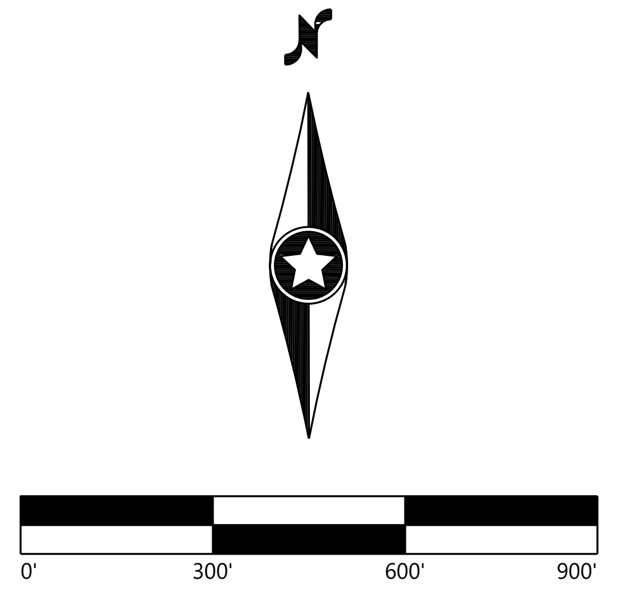
KEYMAP:





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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T50, T51, T52

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C331

REV: 5

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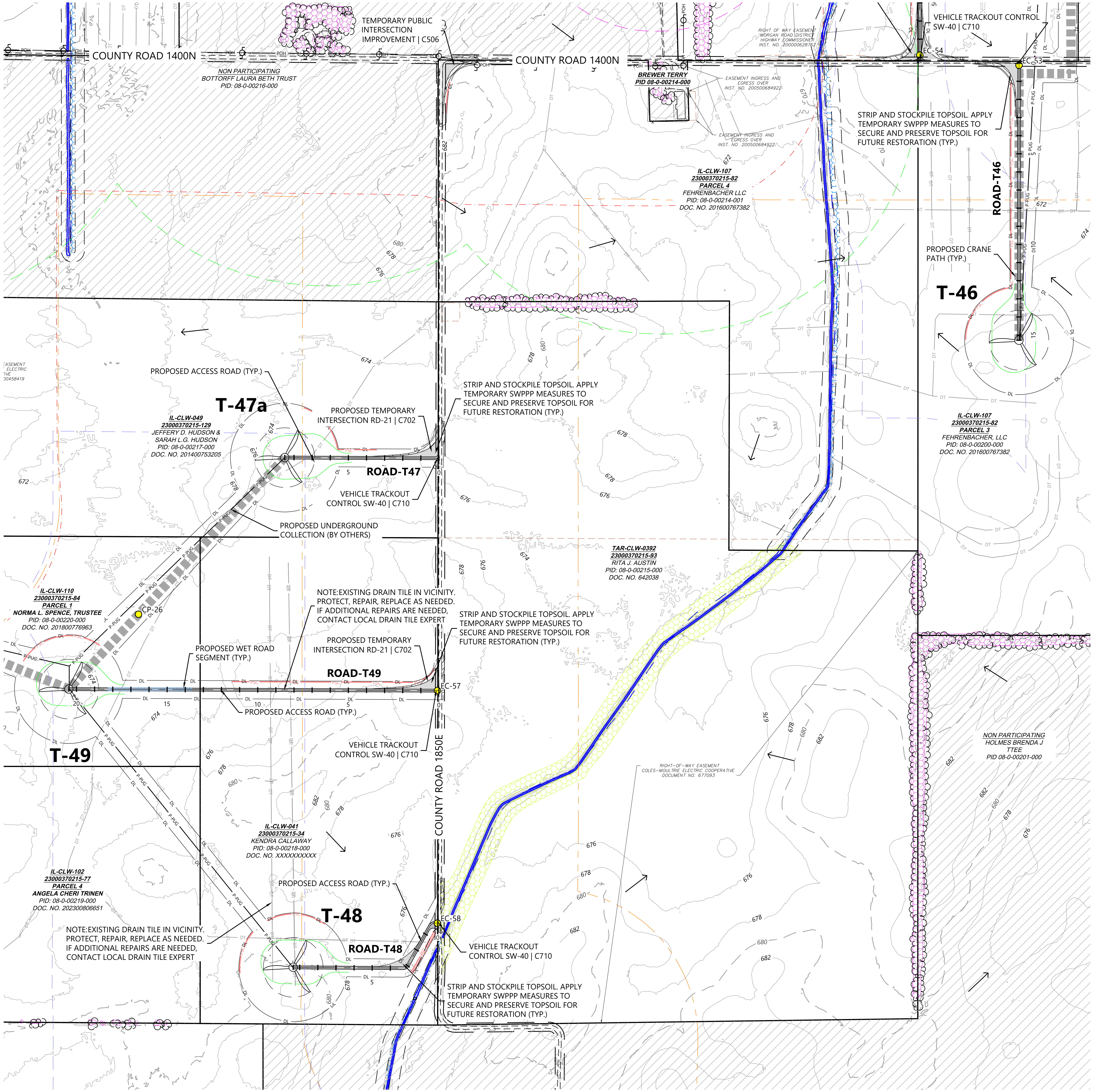
COUNTY ROAD 1400N
COUNTY ROAD 1400N
TEMPORARY PUBLIC INTERSECTION IMPROVEMENT | C506
NON PARTICIPATING
BOTTORFF LAURA BETH TRUST
PID: 08-0-00216-000
BREWER TERRY
PID 08-0-00214-000
EASEMENT INGRESS AND EGRESS OVER INST. NO. 200500684922
EASEMENT INGRESS AND EGRESS OVER INST. NO. 200500684922
RIGHT OF WAY EASEMENT MORGAN ROAD DISTRICT HIGHWAY COMMISSIONER INST. NO. 200000628762
IL-CLW-107
23000370215-82
PARCEL 4
FEHRENBACHER LLC
PID: 08-0-00214-001
DOC. NO. 201600767382
VEHICLE TRACKOUT CONTROL SW-40 | C710
EC-54
EC-53
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
ROAD-T46
PROPOSED CRANE PATH (TYP.)
T-46
IL-CLW-107
23000370215-82
PARCEL 3
FEHRENBACHER, LLC
PID: 08-0-00200-000
DOC. NO. 201600767382
PROPOSED ACCESS ROAD (TYP.)
T-47a
IL-CLW-049
23000370215-129
JEFFERY D. HUDSON &
SARAH L.G. HUDSON
PID: 08-0-00217-000
DOC. NO. 201400753205
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
ROAD-T47
VEHICLE TRACKOUT CONTROL SW-40 | C710
PROPOSED UNDERGROUND COLLECTION (BY OTHERS)
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
TAR-CLW-0392
23000370215-93
RITA J. AUSTIN
PID: 08-0-00215-000
DOC. NO. 642038
IL-CLW-110
23000370215-84
PARCEL 1
NORMA L. SPENCE, TRUSTEE
PID: 08-0-00220-000
DOC. NO. 201800776963
CP-26
NOTE:EXISTING DRAIN TILE IN VICINITY. PROTECT, REPAIR, REPLACE AS NEEDED. IF ADDITIONAL REPAIRS ARE NEEDED, CONTACT LOCAL DRAIN TILE EXPERT
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PROPOSED WET ROAD SEGMENT (TYP.)
PROPOSED TEMPORARY INTERSECTION RD-21 | C702
ROAD-T49
EC-57
PROPOSED ACCESS ROAD (TYP.)
T-49
VEHICLE TRACKOUT CONTROL SW-40 | C710
COUNTY ROAD 1850E
RIGHT-OF-WAY EASEMENT COLES-MOULTRIE ELECTRIC COOPERATIVE DOCUMENT NO. 677093
NON PARTICIPATING
HOLMES BRENDA J TTEE
PID 08-0-00201-000
IL-CLW-041
23000370215-34
KENDRA CALLAWAY
PID: 08-0-00218-000
DOC. NO. XXXXXXXXXX
IL-CLW-102
23000370215-77
PARCEL 4
ANGELA CHERI TRINEN
PID: 08-0-00219-000
DOC. NO. 202300806651
PROPOSED ACCESS ROAD (TYP.)
T-48
EC-58
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ROAD-T48
VEHICLE TRACKOUT CONTROL SW-40 | C710
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
672
674
676
678
680
682

LEGEND:

##	TURBINE LOCATION
ADLS	ADLS TOWER LOCATION
● #	PROPOSED DRAINAGE CROSSING
═	PROPOSED ACCESS ROAD
▪▪▪▪	PROPOSED CRANE PATH
▭	PROPOSED TEMPORARY TURN
▨	PROPOSED OBSTACLE FREE AREA
▨	PROPOSED WET ROAD SEGMENTS
—— DL ——	DISTURBANCE LIMITS
—— P-PUG ——	UNDERGROUND COLLECTION PROVIDED BY OTHERS
- - - -	PROPOSED BORING*
☒	PROPOSED FACILITIES
▨	NON-PARTICIPATING LAND**
——	PARCEL LINES
— — 900 — —	EX. INDEX CONTOUR
——	EX. INTERVAL CONTOUR
—— ——	EX. RIGHT OF WAY
═	EX. PAVED ROAD
= = = =	EX. GRAVEL ROAD
┼┼┼┼	EX. RAIL ROAD
—— X ——	EX. FENCE
▭	EX. BUILDING
—— POH ——	EX. OVERHEAD POWER
- - - -	EASEMENT
— · · —	EX. STREAM CHANNEL
——	EX. WATER EDGE FROM PLANIMETRIC DATA
▨	EX. WETLAND (DELINEATED)
▭	EX. 50' WETLAND BUFFER
▨	EX. CULTURAL AREAS
▨	EX. DUMPING AREAS
▨	EX. SANDPIPER HABITAT
▨	EX. BAT HABITAT
—— PSC ——	PERIMETER SEDIMENT CONTROL
—— DT ——	EX. DRAIN TILE*
——	PAD EDGE
→	FLOW ARROW
— — —	NON-PARTICIPATING PARCEL SETBACK
— — —	NON-PARTICIPATING RESIDENCE SETBACK
— · — ·	OCCUPIED COMMUNITY BUILDING SETBACK
— · — ·	OVERHEAD DISTRIBUTION SETBACK
— · — ·	OVERHEAD TRANSMISSION SETBACK
— — —	PARTICIPATING RESIDENCE SETBACK
— — —	PUBLIC RIGHT OF WAY SETBACK

5

*EXISTING DRAIN TILE INFORMATION PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING LOCATIONS AND REPAIR AND PROTECT AS NEEDED

**CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

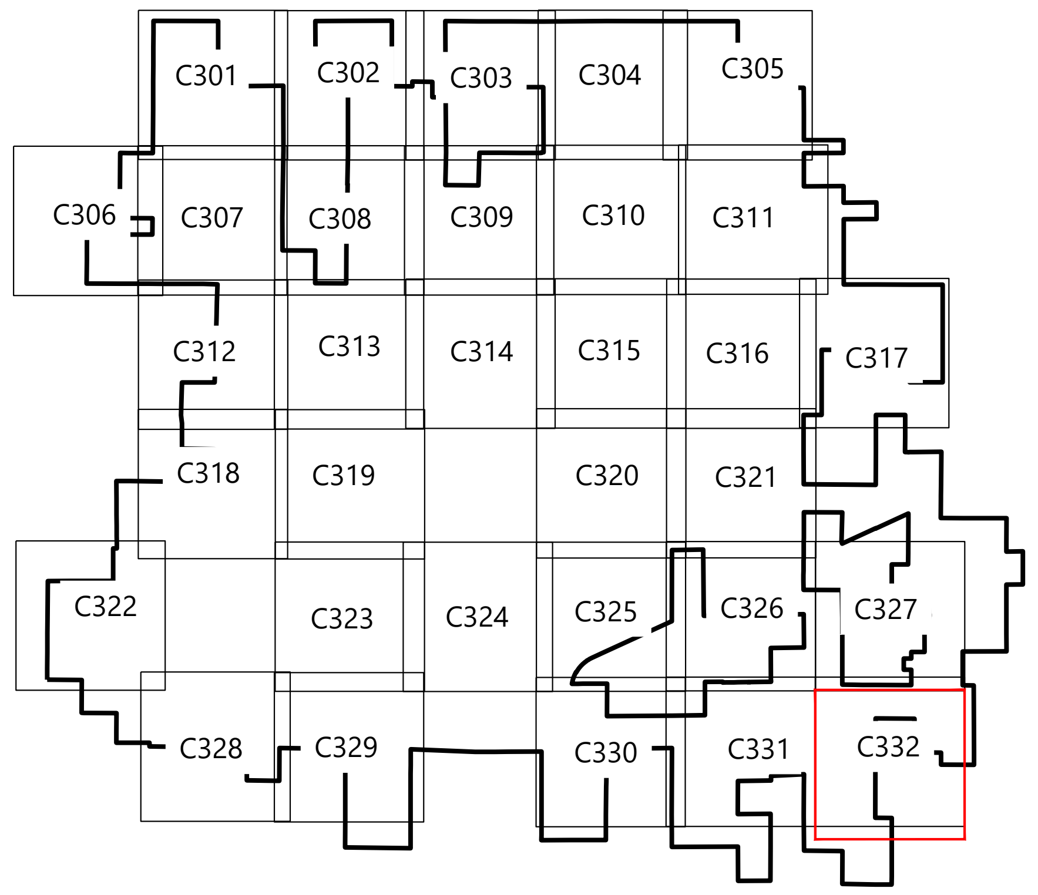
NOTES:

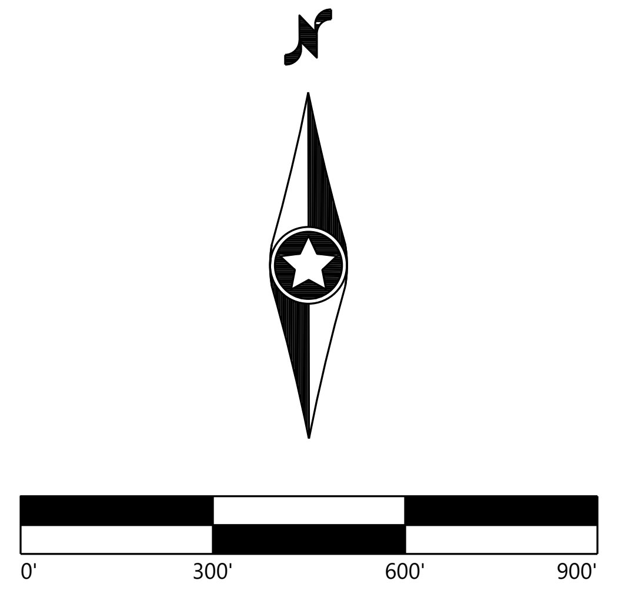
1. ALL TREE CLEARING FOR BAT HABITAT MUST BE COMPLETED BETWEEN NOVEMBER 16 TO MARCH 31.
2. AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION.
3. CONTRACTOR LO LOCATE CONCRETE WASHOUTS PER DETAIL SW-60 AS NEEDED.
4. UNDERGROUND UTILITY LOCATIONS WERE NOT IDENTIFIED IN THE PROJECT SURVEY, CONTRACTOR TO FIELD VERIFY UNDERGROUND UTILITY LOCATIONS IN CONJUNCTION WITH EXISTING UTILITY EASEMENT LOCATIONS

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
3. QUALIFIED, TRAINED, AND KNOWLEDGEABLE PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
4. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECESSARY.
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
    - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Site Plan - T46, T47a, T48, T49

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

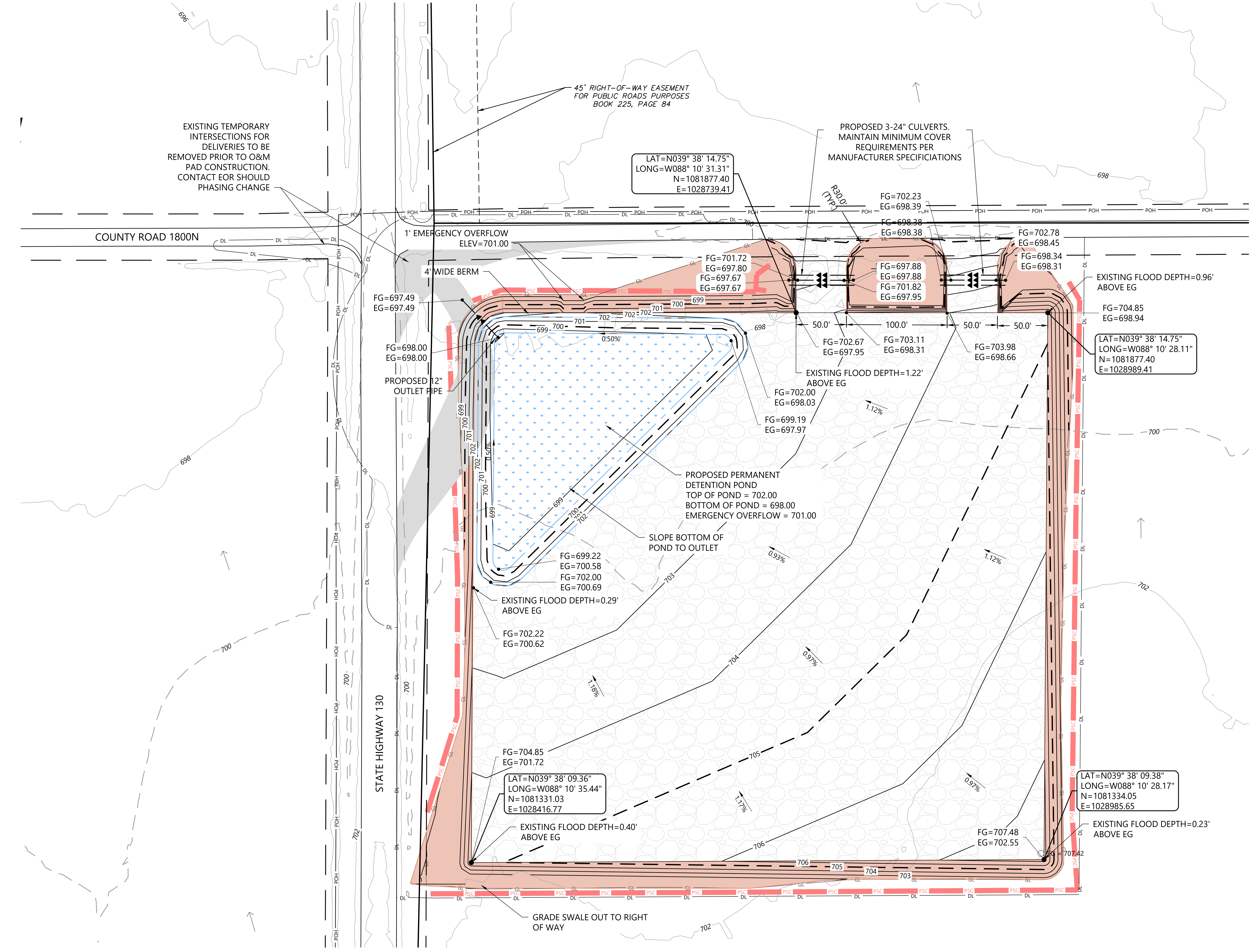
SHEET: C332

REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-SP-02.dwg 10/14/2025 3:23 PM Sofia Lara Carrillo

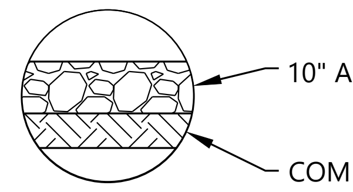
GENERAL NOTES:

1. COORDINATE SYSTEM: NAD83(2011) ILLINOIS EAST 1201 ZONE.
2. THE SITE SHALL BE CLEARED AND GRUBBED TO REMOVE ALL DEBRIS, TOPSOIL, AND ORGANIC MATERIAL. ALL TRASH SHALL BE REMOVED.
3. TOPSOIL, OR OTHER SOIL ENCOUNTERED, THAT PROMOTES VEGETATIVE GROWTH SHALL BE STOCKPILED AND USED IN AREA THAT WILL BE GRASSED.
4. AFTER COMPLETION OF CLEARING AND GRUBBING OPERATIONS, ALL AREAS SHOWN TO SUPPORT FILL MATERIAL, TRAFFIC, AND/OR STRUCTURES, SHALL BE PROOF ROLLED WITH A LOADED DUMP TRUCK WITH A MINIMUM GROSS WEIGHT OF 25 TONS. PROOF ROLLING SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER. IDENTIFIED WEAK OR SOFT AREAS SHALL BE RECTIFIED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS, AND ANY GUIDANCE PROVIDED BY THE GEOTECHNICAL ENGINEER.
5. IN-PLACE DENSITY TESTS SHALL BE PERFORMED IN THE FIELD BY AN EXPERIENCED GEOTECHNICAL ENGINEERING TECHNICIAN TO EVALUATE THE PERFORMANCE OF THE CONTRACTOR'S COMPACTION EFFORTS. COMPACTION TESTING SHALL BE PERFORMED AT A TESTING FREQUENCY OF ONE TEST PER 2,500 SQUARE FEET, PER LIFT, AND DIRECT TESTING IN ANY AREA WHERE SOFT OR QUESTIONABLE MATERIAL MAY BE IDENTIFIED THE TECHNICIAN SHALL ALSO BE EMPLOYED TO ASSIST THE GRADING CONTRACTOR IN MOISTURE CONTROL BY PERFORMING ON-SITE FILL MOISTURE TESTS.
6. SOIL FERTILIZATION, AMENDMENTS, AND SEEDING SHALL BE PERFORMED AS NEEDED AND BY RECOMMENDATION OF THE SEED MANUFACTURER/DISTRIBUTOR. SEED MIX SHALL BE A MIX AS LISTED FROM "IDOT CLASS 4 (NATIVE GRASS MIXTURE, AS SHOWN IN PROJECT SWPPP)", OR AS RECOMMENDED BY SEED MANUFACTURER/DISTRIBUTOR.
7. VERTICAL DATUM UNKNOWN. BENCHMARKS MUST BE ESTABLISHED BEFORE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
8. ALL CUT/FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
9. CULVERTS SHALL HAVE A MINIMUM OF 1' OF COVER OVER THE TOP OF THE PIPE. CONTRACTOR TO ADHERE TO PIPE MANUFACTURER'S INSTALLATION GUIDELINES FOR COVER BASED ON LOADINGS AND INSTALLATION METHODS. CULVERT SIZING TO BE VERIFIED BY LOCAL JURISDICTION.
10. DISTURBED SOILS WITHIN DITCHES AND SIDE SLOPES SHALL BE STABILIZED WITH WOOD FIBER BLANKET.
11. CULVERT MATERIALS WITHIN THE STATE RIGHT-OF-WAY SHALL CONFORM TO IDOT STANDARDS.
12. PROVIDE POSITIVE DRAINAGE IN ALL AREAS.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITY LOCATIONS, CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION AND ORDERING OF ANY MATERIALS.
14. THE CONTRACTOR SHALL EMPLOY TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION OPERATIONS IN ACCORDANCE WITH IDOT STANDARDS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STATE AND LOCAL ORDINANCES AND FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO INITIATING CONSTRUCTION.
16. CONTRACTOR TO PROVIDE TRAFFIC CONTROL AND RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY STATE OR COUNTY OFFICIALS.



LEGEND:

━━━━	PARCEL LINES
═══	EX. PAVED ROAD
—⌀— POH —⌀—	EX. OVERHEAD POWER
— — — —	RIGHT-OF-WAY LINES
- - - - - - -	EX. EASEMENT LINE
⟶	FLOW ARROW
— — 300 — —	EX. INDEX CONTOUR
~~	EX. INTERVAL CONTOUR
— — 900 — —	PROPOSED INDEX CONTOUR
~~	PROPOSED INTERVAL CONTOUR
—— DL ——	PROPOSED DISTURBANCE LIMITS
—— P-PUG ——	UNDERGROUND COLLECTION PROVIDED BY OTHERS
—▶▶—	PROPOSED CULVERT
▭	PROPOSED BASIN
▨	PROPOSED TEMPORARY GRAVEL PAD
🟥	PROPOSED EROSION CONTROL BLANKET
━━ PSC ━━	PERIMETER SEDIMENT CONTROL (PSC). REFER TO SWPPP APPROVED ESC PRACTICES.



O&M AGGREGATE YARD CROSS SECTION:

NOTES:

1. REFER TO CONSTRUCTION SPECIFICATIONS, AGGREGATE REQUIREMENTS, AND TESTING REQUIREMENTS.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.

EARTHWORK SUMMARY:

FOOTPRINT:

AGGREGATE AREA = 270,950 SF
TOTAL GRADED AREA = 375,130 SF

IMPORTS:

AGGREGATE AREA (10" DEPTH) = 8,363 CY

EARTHWORK:

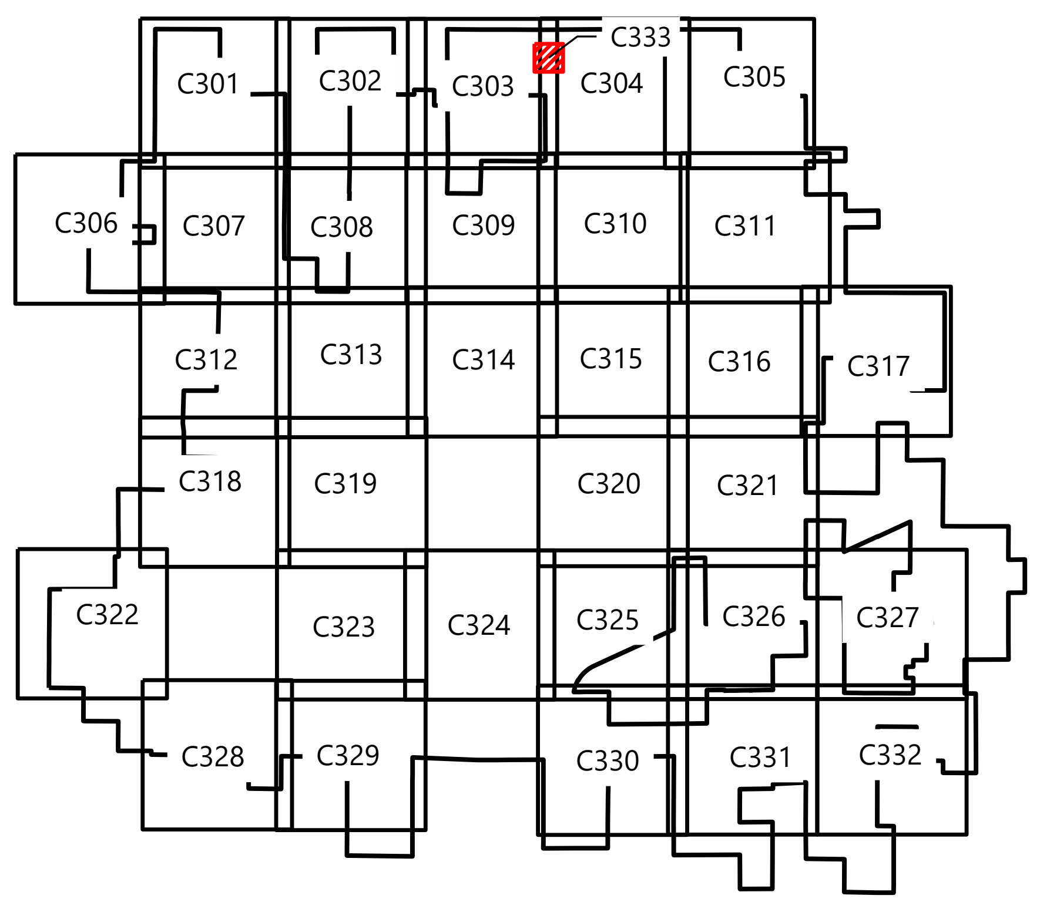
TOPSOIL STRIP (12" DEPTH OVER TOTAL GRADED AREA) = 13,895 CY

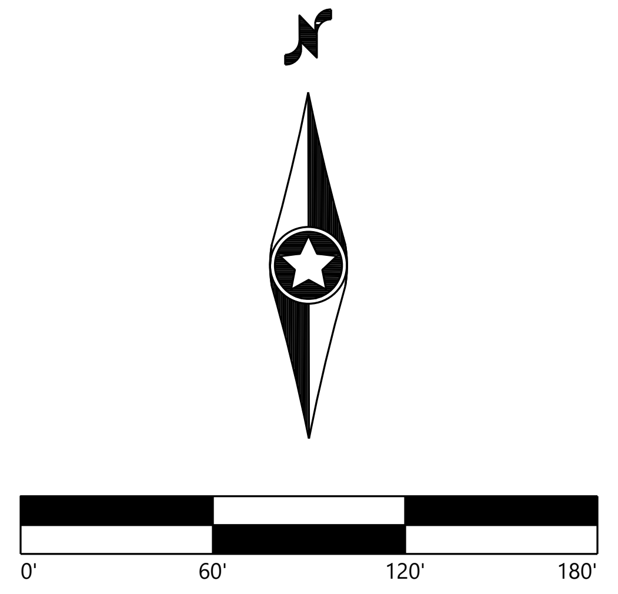
RAW CUT = 72 CY
RAW FILL = 43,773 CY
RAW NET = 43,701 CY (FILL)

EARTHWORK ASSUMPTIONS:

1. FOR ESTIMATING ONLY.
2. ALL VOLUMES ARE "IN-PLACE" (BANK OR COMPACTED CUBIC YARD ESTIMATES).
3. NO SHRINK OR SWELL FACTORS ARE ASSUMED. (OTHERWISE DOCUMENT HERE)
4. THE ENTIRE GRADED AREA, INCLUDING GREEN SPACE, WILL BE STRIPPED AND STOCKPILED IN DESIGNATED LOCATION(S).
5. COMPACTED SUBGRADE QUANTITIES REPRESENT EARTHWORK MOVEMENT THAT IS REQUIRED AFTER THE TOPSOIL HAS BEEN STRIPPED AND BEFORE ANY AGGREGATE IS PLACED.
6. ELEVATIONS SHOWN ON THE PLAN ARE TO FINISHED GRADE. SUBGRADE ELEVATION WILL BE THE FINISHED GRADE MINUS THE AGGREGATE DEPTH.
7. TOPSOIL STOCKPILE WILL BE UTILIZED FOR RE-SPREAD IN THE GREEN SPACE AREAS, AT THE SAME DEPTH OF THE TOPSOIL STRIP. ANY REMAINING TOPSOIL WILL BE SPREAD IN CLOSE PROXIMITY WITHOUT ADVERSELY AFFECTING THE DRAINAGE PATTERNS OF THE AREA.
8. IN THE CASE OF AN UNBALANCED SUBGRADE, THE CONTRACTOR MAY IMPORT GENERAL FILL MATERIAL OR BORROW FROM AN ADJACENT BORROW PIT IF SHORT ON MATERIAL. IN THE CASE OF EXCESS SUBGRADE MATERIAL, THE CONTRACTOR MAY CHOOSE TO STOCKPILE THE SUBGRADE MATERIAL OR EXPORT THE GENERAL FILL MATERIAL. THE CONTRACTOR WILL NED TO COORDINATE WITH LANDOWNER(S) AS APPROPRIATE.

KEYMAP:





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APEX CLEAN ENERGY

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

O&M Grading Sheet

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C333

REV: 5

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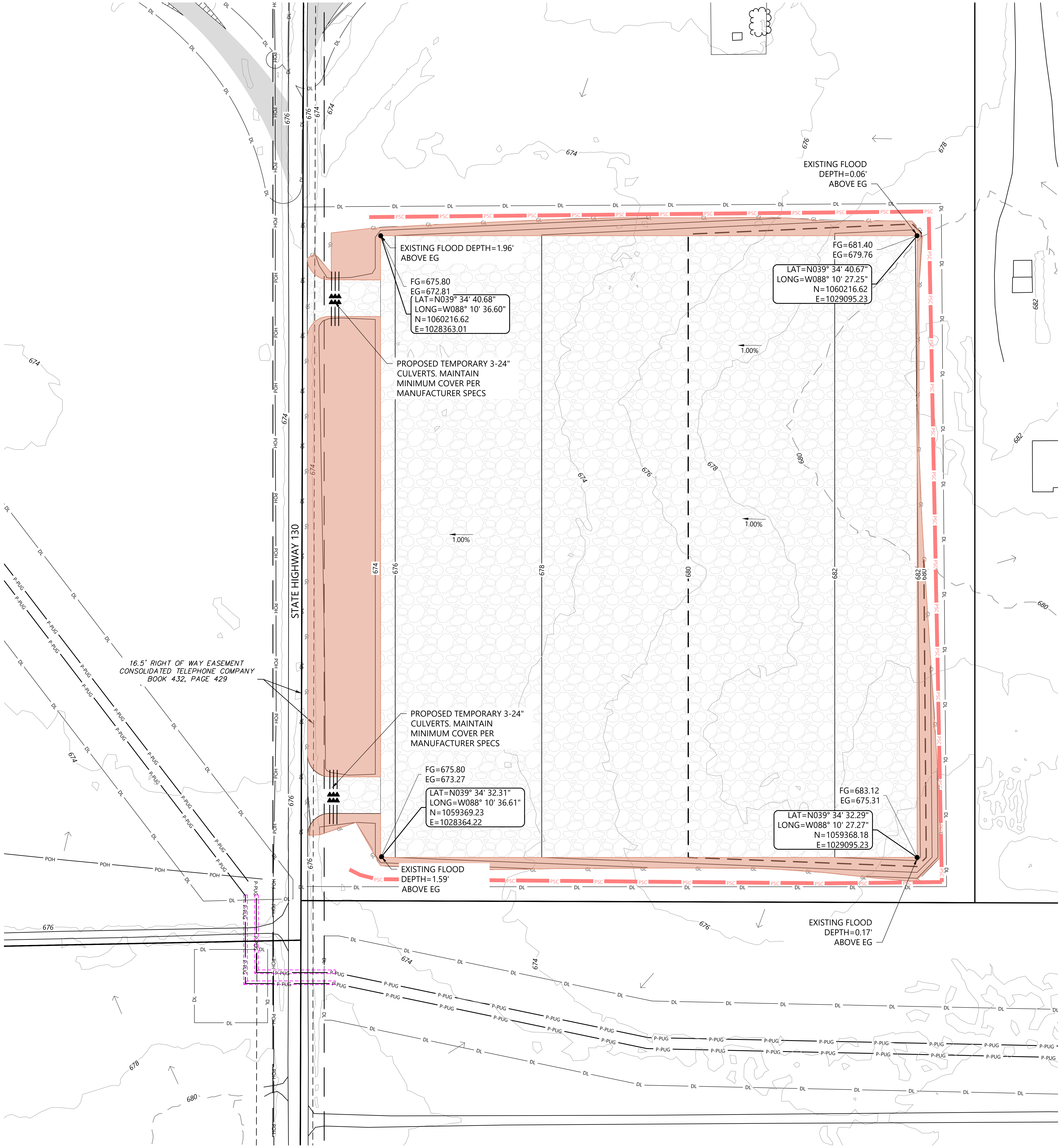
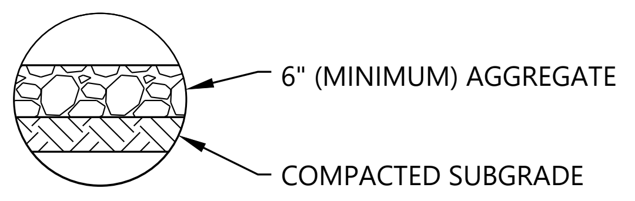


LEGEND:

- PARCEL LINES
- EX. PAVED ROAD
- EX. OVERHEAD POWER
- RIGHT-OF-WAY LINES
- EX. EASEMENT LINE
- FLOW ARROW
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED DISTURBANCE LIMITS
- UNDERGROUND COLLECTION PROVIDED BY OTHERS
- PROPOSED CULVERT
- PROPOSED BASIN
- PROPOSED TEMPORARY GRAVEL PAD
- PROPOSED EROSION CONTROL BLANKET
- PERIMETER SEDIMENT CONTROL (PSC). REFER TO SWPPP APPROVED ESC PRACTICES.



LAYDOWN YARD CROSS SECTION:

NOTES:

1. REFER TO CONSTRUCTION SPECIFICATIONS, AGGREGATE REQUIREMENTS, AND TESTING REQUIREMENTS.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.

EARTHWORK SUMMARY:

FOOTPRINT:

AGGREGATE AREA = 759,900 SF
TOTAL GRADED AREA = 815,185 SF

IMPORTS:
AGGREGATE AREA (6" DEPTH) = 14,080 CY

EARTHWORK:

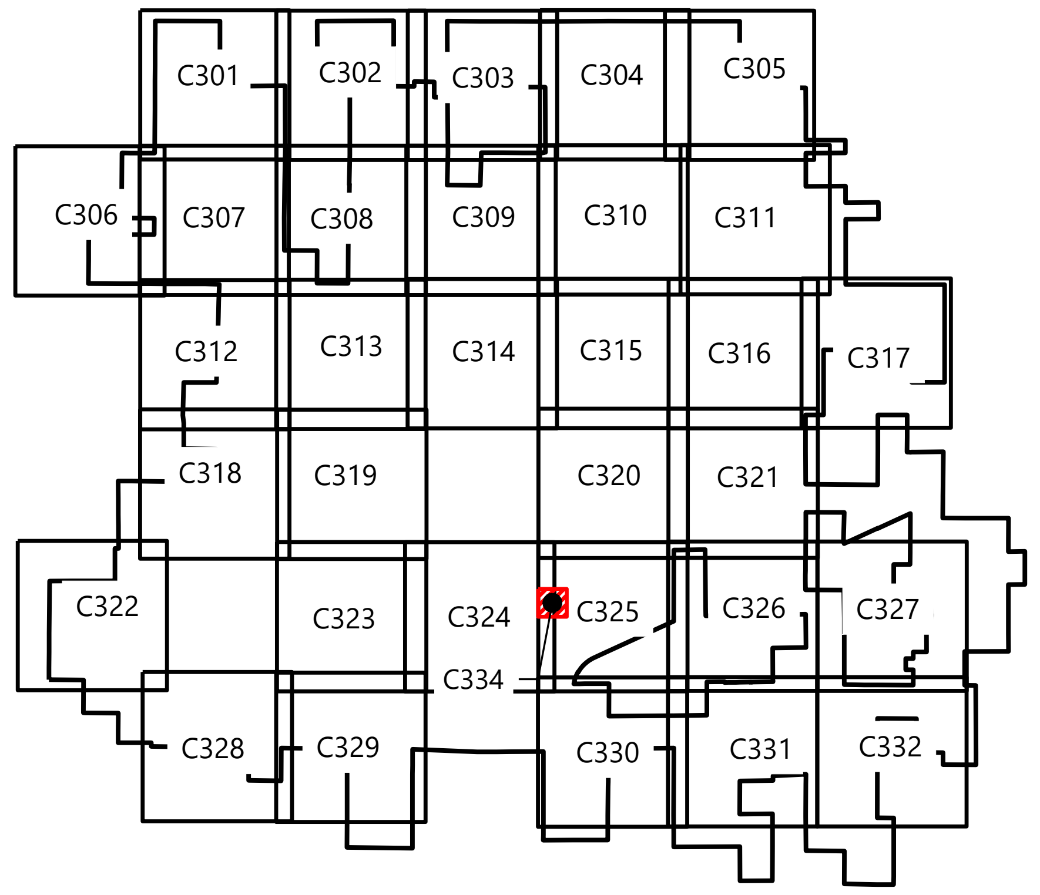
TOPSOIL STRIP (12" DEPTH OVER TOTAL GRADED AREA) = 30,192 CY

RAW CUT = 0 CY
RAW FILL = 101,090 CY
RAW NET = 101,090 CY (FILL)

EARTHWORK ASSUMPTIONS:

1. FOR ESTIMATING ONLY.
2. ALL VOLUMES ARE "IN-PLACE" (BANK OR COMPACTED CUBIC YARD ESTIMATES).
3. NO SHRINK OR SWELL FACTORS ARE ASSUMED. (OTHERWISE DOCUMENT HERE)
4. THE ENTIRE GRADED AREA, INCLUDING GREEN SPACE, WILL BE STRIPPED AND STOCKPILED IN DESIGNATED LOCATION(S).
5. COMPACTED SUBGRADE QUANTITIES REPRESENT EARTHWORK MOVEMENT THAT IS REQUIRED AFTER THE TOPSOIL HAS BEEN STRIPPED AND BEFORE ANY AGGREGATE IS PLACED.
6. ELEVATIONS SHOWN ON THE PLAN ARE TO FINISHED GRADE. SUBGRADE ELEVATION WILL BE THE FINISHED GRADE MINUS THE AGGREGATE DEPTH.
7. TOPSOIL STOCKPILE WILL BE UTILIZED FOR RE-SPREAD IN THE GREEN SPACE AREAS, AT THE SAME DEPTH OF THE TOPSOIL STRIP. ANY REMAINING TOPSOIL WILL BE SPREAD IN CLOSE PROXIMITY WITHOUT ADVERSELY AFFECTING THE DRAINAGE PATTERNS OF THE AREA.
8. IN THE CASE OF AN UNBALANCED SUBGRADE, THE CONTRACTOR MAY IMPORT GENERAL FILL MATERIAL OR BORROW FROM AN ADJACENT BORROW PIT IF SHORT ON MATERIAL. IN THE CASE OF EXCESS SUBGRADE MATERIAL, THE CONTRACTOR MAY CHOOSE TO STOCKPILE THE SUBGRADE MATERIAL OR EXPORT THE GENERAL FILL MATERIAL. THE CONTRACTOR WILL NED TO COORDINATE WITH LANDOWNER(S) AS APPROPRIATE.

KEYMAP:



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EXP: 11/30/25

PREPARED FOR:

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REVISIONS:

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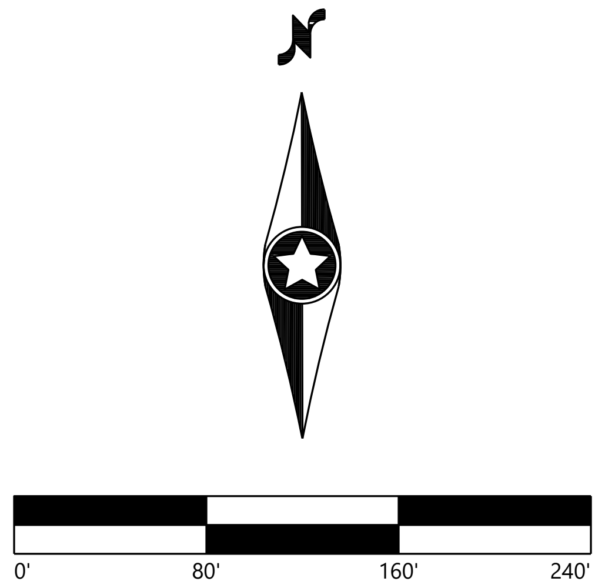
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Laydown Yard Grading Sheet

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C334

REV: 5

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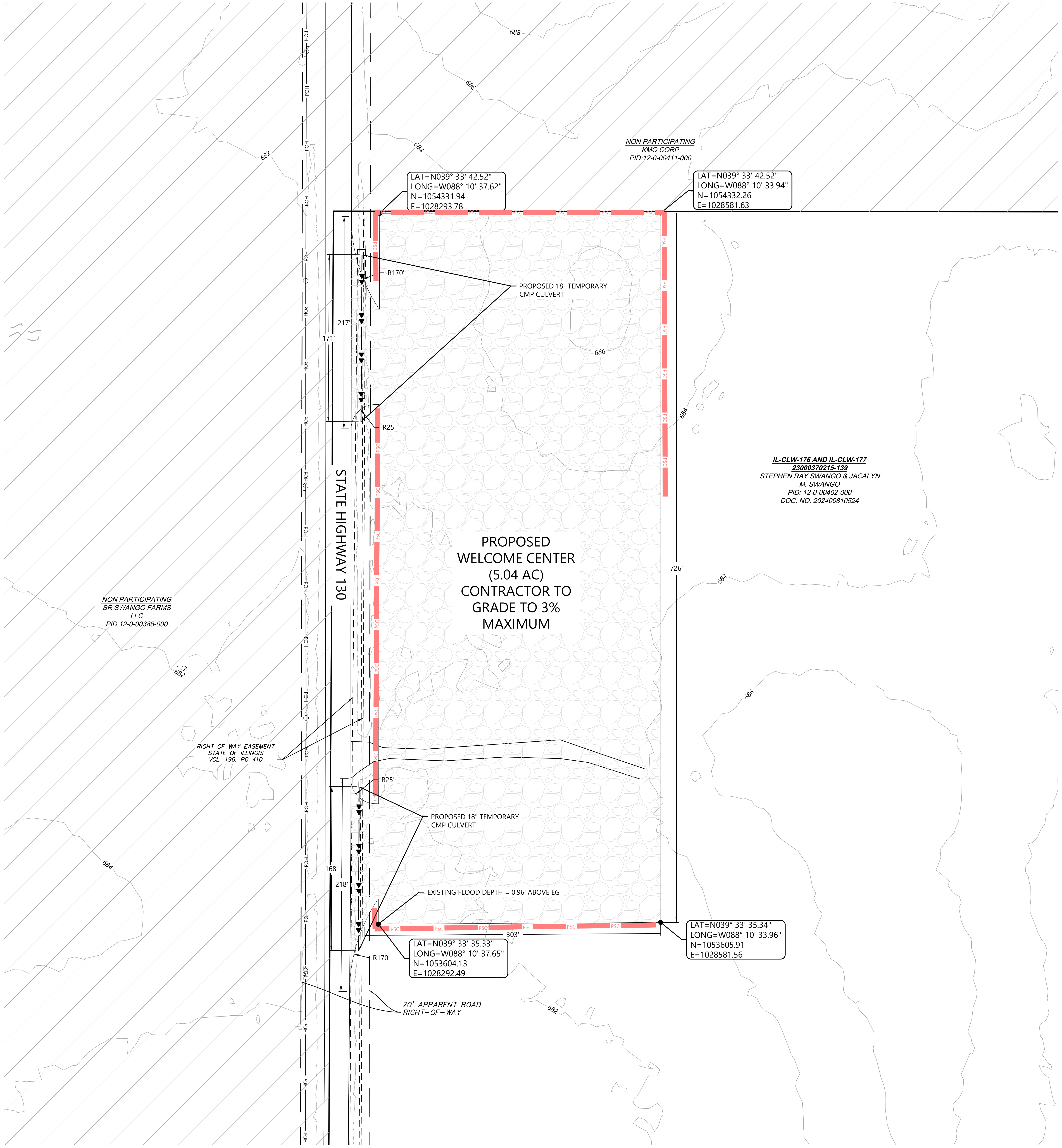
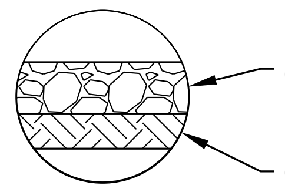


LEGEND:

━━━	PARCEL LINES
═══	EX. PAVED ROAD
—POH—	EX. OVERHEAD POWER
— — —	RIGHT-OF-WAY LINES
- - - -	EX. EASEMENT LINE
→	FLOW ARROW
— 300 —	EX. INDEX CONTOUR
───	EX. INTERVAL CONTOUR
— 900 —	PROPOSED INDEX CONTOUR
───	PROPOSED INTERVAL CONTOUR
— DL —	PROPOSED DISTURBANCE LIMITS
— P-PUG —	UNDERGROUND COLLECTION PROVIDED BY OTHERS
—▶▶—	PROPOSED CULVERT
▭	PROPOSED BASIN
▨	PROPOSED TEMPORARY GRAVEL PAD
🟥	PROPOSED EROSION CONTROL BLANKET
— PSC —	PERIMETER SEDIMENT CONTROL (PSC). REFER TO SWPPP APPROVED ESC PRACTICES.

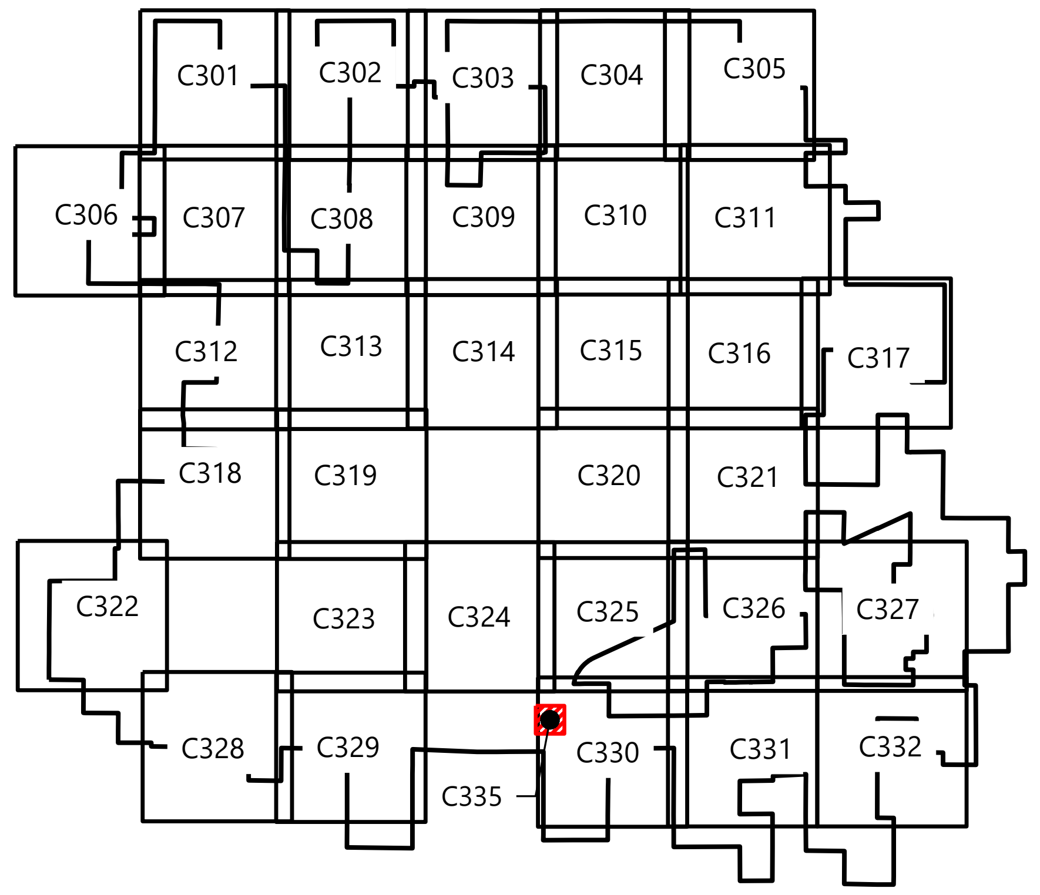


WELCOME CENTER CROSS SECTION:

NOTES:

1. REFER TO CONSTRUCTION SPECIFICATIONS, AGGREGATE REQUIREMENTS, AND TESTING REQUIREMENTS.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.
3. REFER TO FACILITY GENERAL NOTES ON C333.

KEYMAP:



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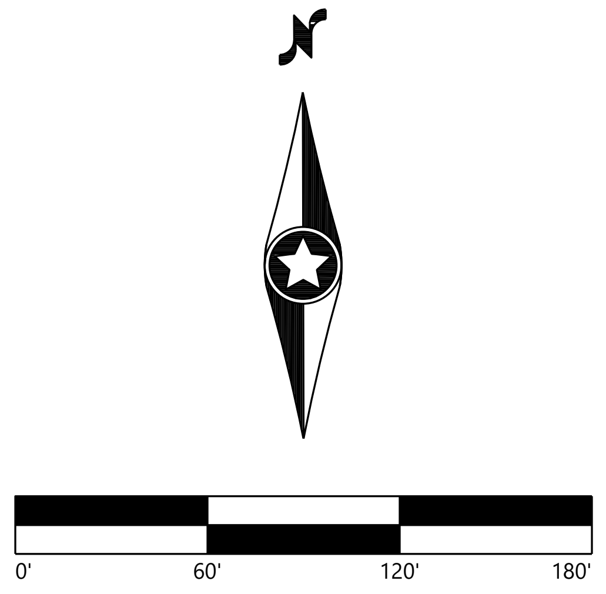

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Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
4	10/8/2025	ISSUED FOR CONSTRUCTION	SLC	GN	PM
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Welcome Center
Grading Sheet

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C335

REV: 5

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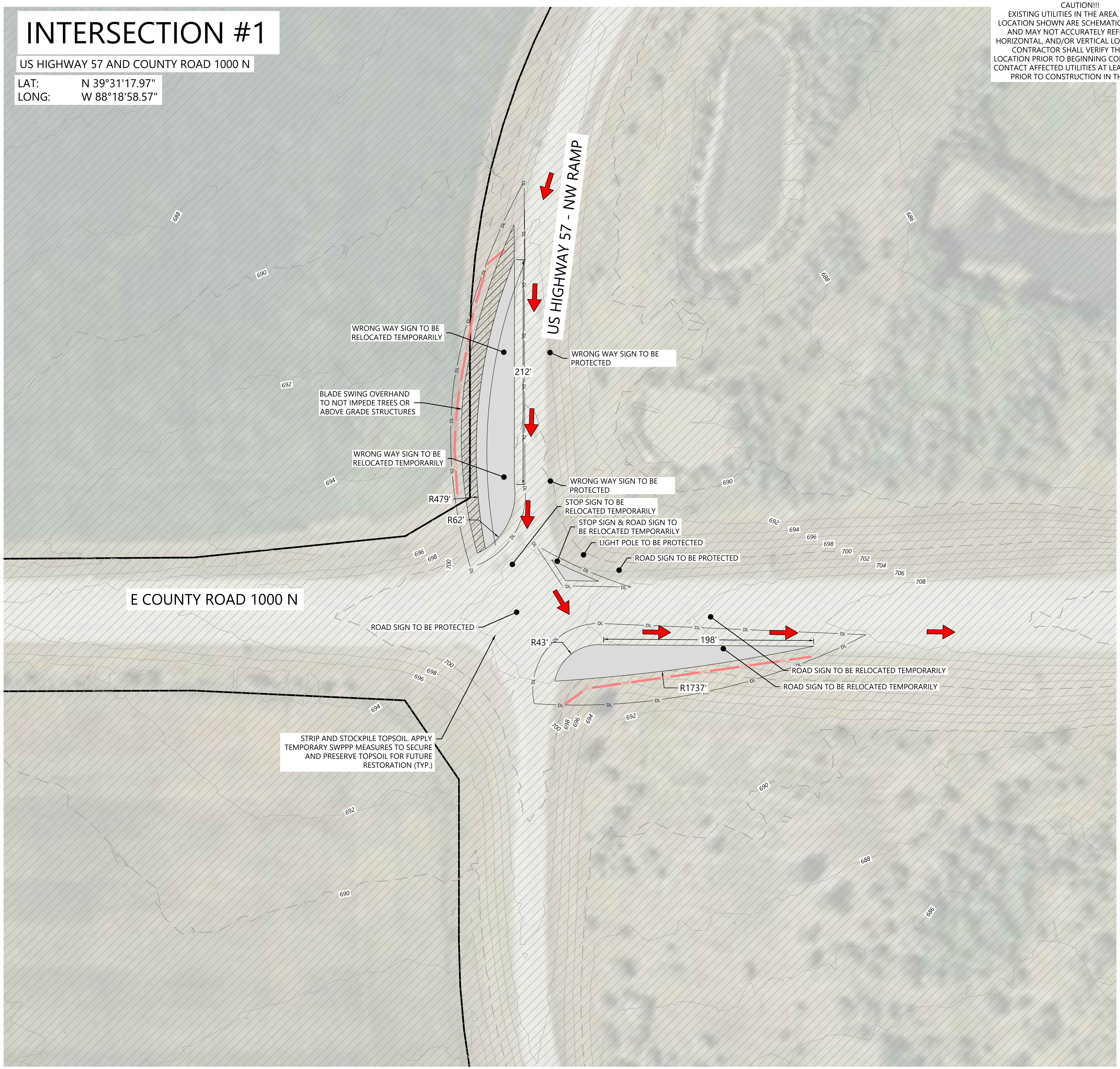
INTERSECTION #1

US HIGHWAY 57 AND COUNTY ROAD 1000 N

LAT:	N 39°31'17.97"
LONG:	W 88°18'58.57"



US HIGHWAY 57 - NW RAMP
E COUNTY ROAD 1000 N
WRONG WAY SIGN TO BE RELOCATED TEMPORARILY
WRONG WAY SIGN TO BE PROTECTED
BLADE SWING OVERHAND TO NOT IMPEDE TREES OR ABOVE GRADE STRUCTURES
WRONG WAY SIGN TO BE RELOCATED TEMPORARILY
WRONG WAY SIGN TO BE PROTECTED
STOP SIGN TO BE RELOCATED TEMPORARILY
STOP SIGN & ROAD SIGN TO BE RELOCATED TEMPORARILY
LIGHT POLE TO BE PROTECTED
ROAD SIGN TO BE PROTECTED
ROAD SIGN TO BE PROTECTED
ROAD SIGN TO BE RELOCATED TEMPORARILY
ROAD SIGN TO BE RELOCATED TEMPORARILY
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
212'
R479'
R62'
R43'
198'
R1737'
DL
GL
688
690
692
694
696
698
700
702
704
706
708

CAUTION!!!
EXISTING UTILITIES IN THE AREA. UTILITIES LOCATION SHOWN ARE SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT SIZE, HORIZONTAL, AND/OR VERTICAL LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION PRIOR TO BEGINNING CONSTRUCTION. CONTACT AFFECTED UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION IN THIS AREA

LEGEND:

━━━	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
— GL —	GRADING LIMITS
▭	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - - -	EASEMENT LINES
— 900 —	EX. INDEX CONTOUR
- - - -	EX. INTERVAL CONTOUR
— 900 —	PROPOSED INDEX CONTOUR
— 902 —	PROPOSED INTERVAL CONTOUR
— – —	EX. ROAD CENTERLINE
— STO —	EX. CULVERT
— POH —	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
— ▶▶ —	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▭	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
⟶	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

GENERAL NOTES:

1. ALL CUT/FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
2. DISTURBED SOILS WITHIN DITCHES AND SIDE SLOPES SHALL BE STABILIZED
3. PROVIDE POSITIVE DRAINAGE IN ALL AREAS
4. TEMPORARY INTERSECTION SECTIONS SHOWN ARE THE MINIMUM THICKNESS REQUIREMENTS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION DURING THE FREEZE/THAW CYCLE, UNUSUALLY WET PERIODS, OR IN LOW/WET AREAS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITY LOCATIONS, CONDITIONS AT THE TIME OF CONSTRUCTION AND ORDERING OF ANY MATERIALS.
6. PROVIDE SELECT COMPACTED BACKFILL TO ONE FOOT OVER THE TOP OF EXISTING UTILITY. COORDINATE IN ADVANCE WITH THE APPROPRIATE UTILITY COMPANY REGARDING OTHER REQUIREMENTS.
7. THE CONTRACTOR SHALL EMPLOY TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION OPERATIONS IN ACCORDANCE TO ODOT STANDARDS.
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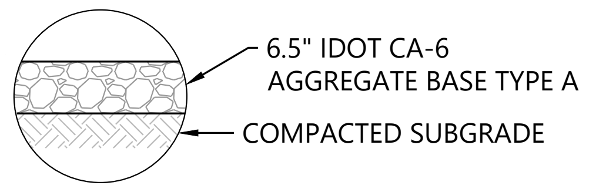
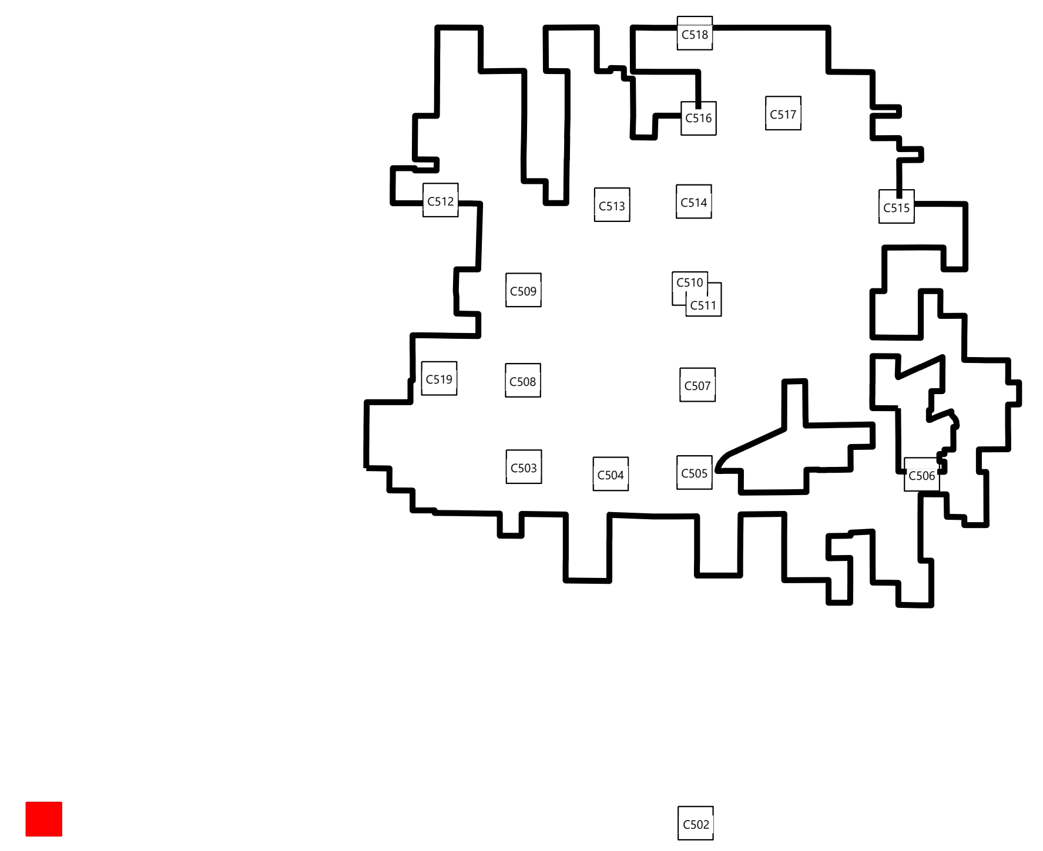
9. REMOVE TEMPORARY IMPROVEMENTS AFTER CONSTRUCTION OF WIND TURBINE GENERATOR IS COMPLETE.
10. CONTRACTOR TO PROVIDE TRAFFIC CONTROL AND RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY STATE OR COUNTY OFFICIALS.
11. PROPOSED TEMPORARY INTERSECTION IMPROVEMENT. DUE TO EXISTING ROAD, GE TYPICAL IMPROVEMENT COULD NOT BE USED. AN AUTOTURN WAS COMPLETED TO DETERMINE THE DESIGN

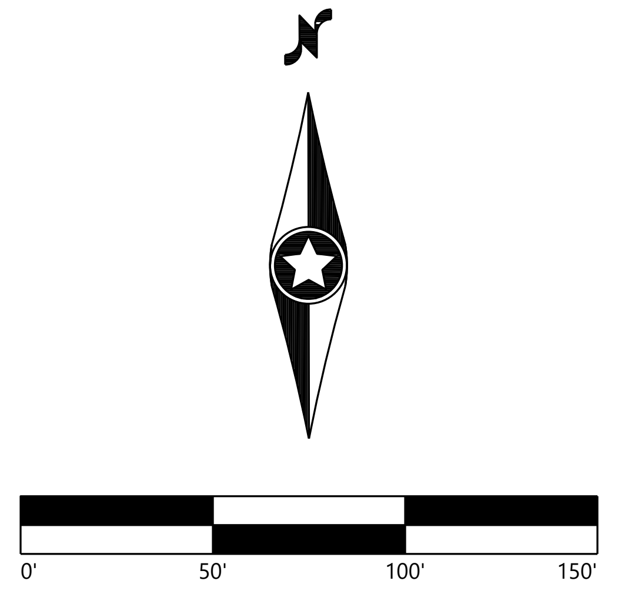


TEMPORARY RADIUS SECTION

Westwood	TEMPORARY INTERSECTION CROSS SECTIONS NOT TO SCALE	SS-01

KEYMAP:





Westwood

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Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER
PAIGE R. MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 1

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

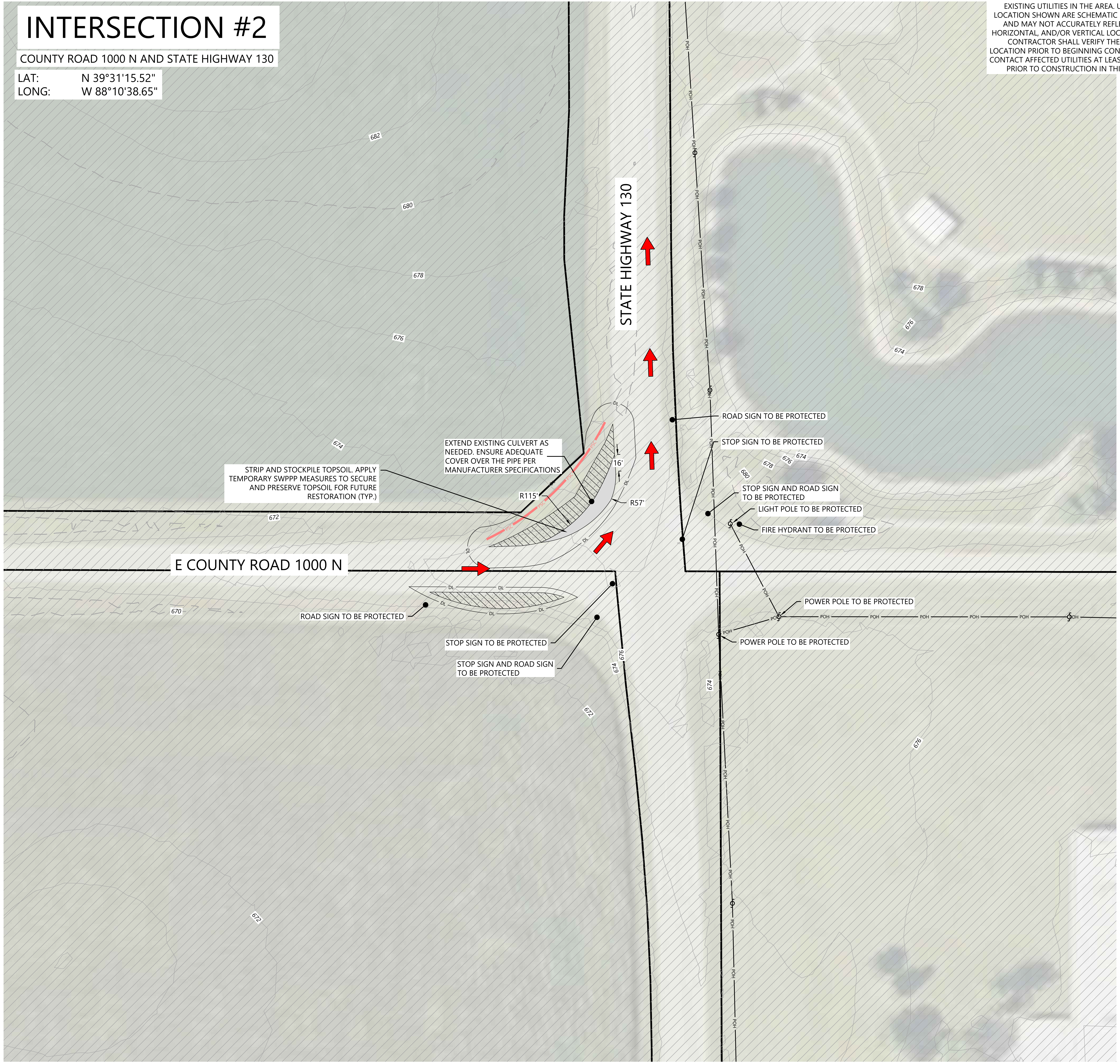
SHEET: C501 REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:45 PM Sofia Lara Carrillo

INTERSECTION #2

COUNTY ROAD 1000 N AND STATE HIGHWAY 130

LAT:	N 39°31'15.52"
LONG:	W 88°10'38.65"



STATE HIGHWAY 130
E COUNTY ROAD 1000 N
EXTEND EXISTING CULVERT AS NEEDED. ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
R115'
R57'
16'
ROAD SIGN TO BE PROTECTED
STOP SIGN TO BE PROTECTED
STOP SIGN AND ROAD SIGN TO BE PROTECTED
LIGHT POLE TO BE PROTECTED
FIRE HYDRANT TO BE PROTECTED
POWER POLE TO BE PROTECTED
POWER POLE TO BE PROTECTED
ROAD SIGN TO BE PROTECTED
STOP SIGN TO BE PROTECTED
STOP SIGN AND ROAD SIGN TO BE PROTECTED
DL
PSC
POH
682
680
678
676
674
672
670

CAUTION!!!
EXISTING UTILITIES IN THE AREA. UTILITIES LOCATION SHOWN ARE SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT SIZE, HORIZONTAL, AND/OR VERTICAL LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION PRIOR TO BEGINNING CONSTRUCTION. CONTACT AFFECTED UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION IN THIS AREA

LEGEND:

▬	PARCEL LINES
→	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
— GL —	GRADING LIMITS
▭	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - -	EASEMENT LINES
— 900 —	EX. INDEX CONTOUR
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— ▶▶ —	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
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▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▭	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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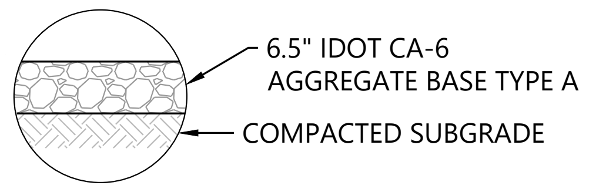
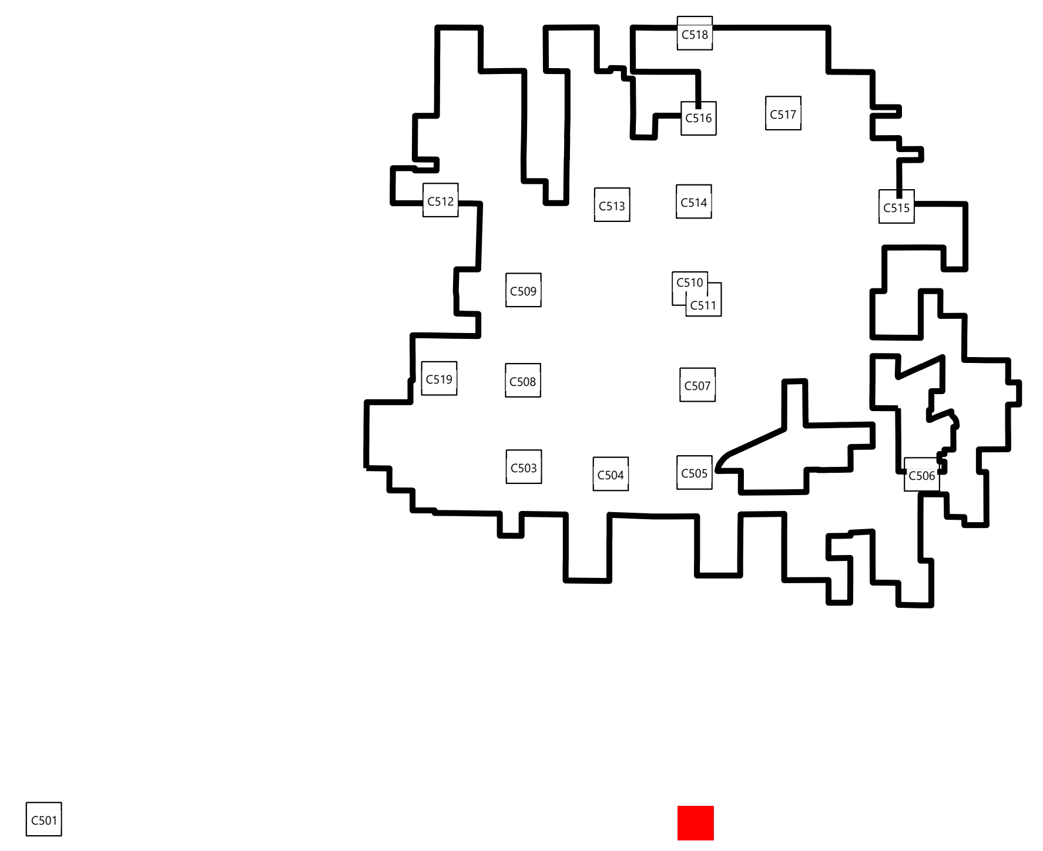
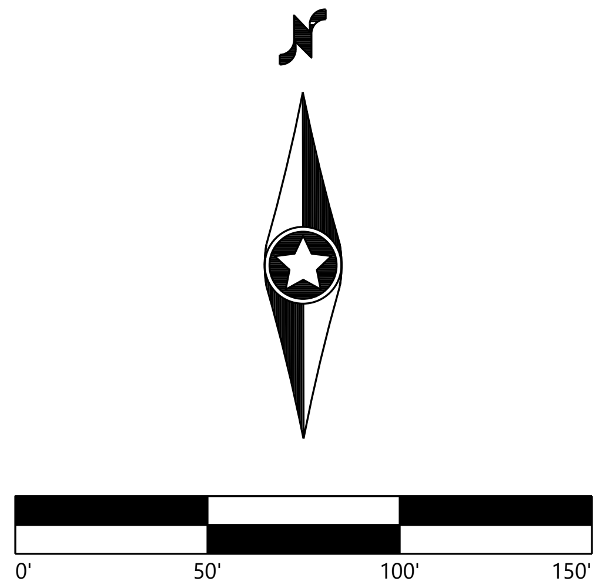


TEMPORARY RADIUS SECTION

Westwood	TEMPORARY INTERSECTION CROSS SECTIONS NOT TO SCALE	SS-01

KEYMAP:





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10/14/25
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 2

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C502

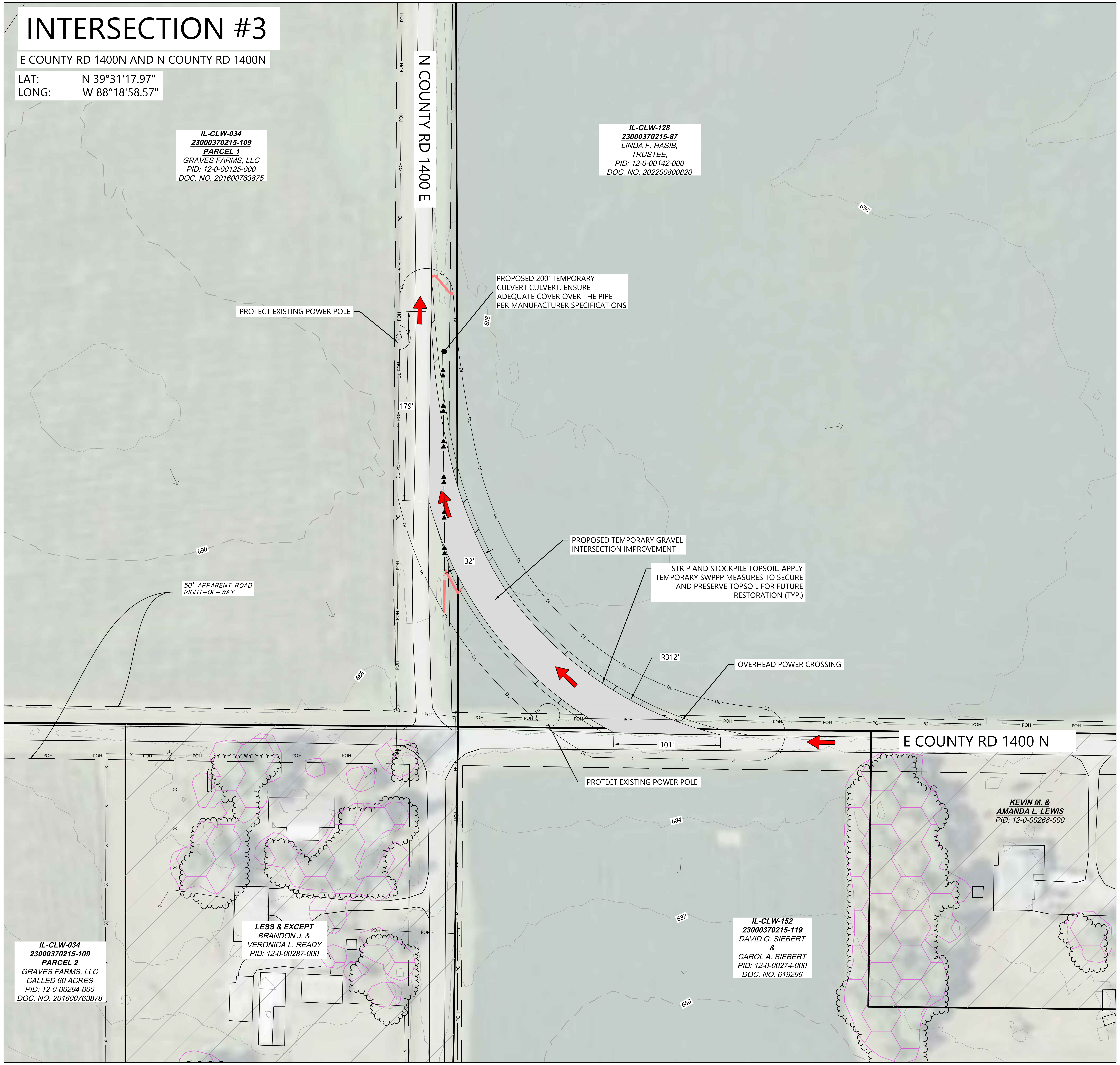
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:45 PM Sofia Lara Carrillo

INTERSECTION #3

E COUNTY RD 1400N AND N COUNTY RD 1400N

LAT: N 39°31'17.97"
LONG: W 88°18'58.57"



LEGEND:

- PARCEL LINES
- DELIVERY ROUTE (INGRESS)
- TEMPORARY INTERSECTION IMPROVEMENT
- UNDERGROUND COLLECTION
- DISTURBANCE LIMITS
- GRADING LIMITS
- NON-PARTICIPATING LAND*
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- EX. ROAD CENTERLINE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- PROPOSED TEMPORARY CULVERT
- EX. WETLAND
- EX. 50' WETLAND BUFFER
- EX. SANDPIPER HABITAT
- EX. BAT HABITAT
- PROPOSED BLADE SWING AREA
- PROPOSED FACILITIES
- PROPOSED TEMPORARY CULVERT
- PERIMETER SEDIMENT CONTROL
- FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

GENERAL NOTES:

1. REFER TO THE GENERAL CONSTRUCTION NOTES ON SHEET C714 OF THIS PLAN SET FOR ADDITIONAL INFORMATION AND TESTING REQUIREMENTS.
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4. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY VIOLATIONS OF THE OBSTRUCTION FREE ZONE NOT SHOWN ON THE PLANS.
5. CONTRACTOR SHALL LOCATE EXISTING UTILITIES AND CONTACT ENGINEER IF DESIGN CONFLICTS ARE IDENTIFIED.
6. COORDINATE WITH UTILITY OWNERS PRIOR TO CONSTRUCTION AND REFER TO THE UTILITY CROSSING REQUIREMENTS OR AGREEMENTS, AS APPLICABLE.
7. PROVIDE POSITIVE DRAINAGE IN ALL TEMPORARY IMPROVEMENT AREAS.
8. ALL CUT/FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS OR REQUIRED BY THE PERMITTING AGENCY.
9. TEMPORARY CULVERTS SHOWN ON THE PLANS ARE BASED UPON OBSERVATION OF TOPOGRAPHIC CONTOURS, AERIAL IMAGERY AND ENGINEERING ANALYSIS. ADDITIONAL TEMPORARY CULVERTS MAY BE NEEDED WHERE FIELD CONDITIONS INDICATE AN INCISED CHANNEL. CONTRACTOR SHALL FIELD FIT TEMPORARY CULVERTS WITHIN THE ROADSIDE DITCH AND PROVIDE ADEQUATE COVER. COORDINATE WITH CIVIL ENGINEER AS NEEDED.
9. TEMPORARY CULVERT INSTALLATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS BASED ON MATERIALS, INSTALLATION METHODS, SIZE, AND ANTICIPATED LOADINGS.
10. CONFIRM TEMPORARY CULVERT END TREATMENTS AND MATERIALS WITH APPROPRIATE JURISDICTION.
11. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERTS TO BE REMOVED, AND ALL DISTURBED AREAS STABILIZED AND RESTORED TO NATIVE CONDITIONS.
12. CONDITIONS OF EXISTING CULVERTS TO BE FIELD VERIFIED AND MONITORED DURING CONSTRUCTION. COORDINATE WITH APPROPRIATE JURISDICTION IF ANY CULVERT DAMAGE OCCURS AS A RESULT OF CONSTRUCTION ACTIVITIES.
13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
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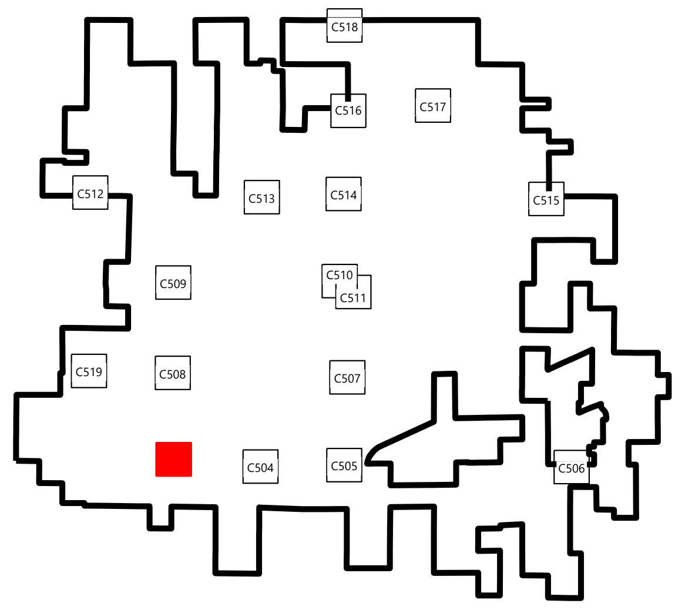
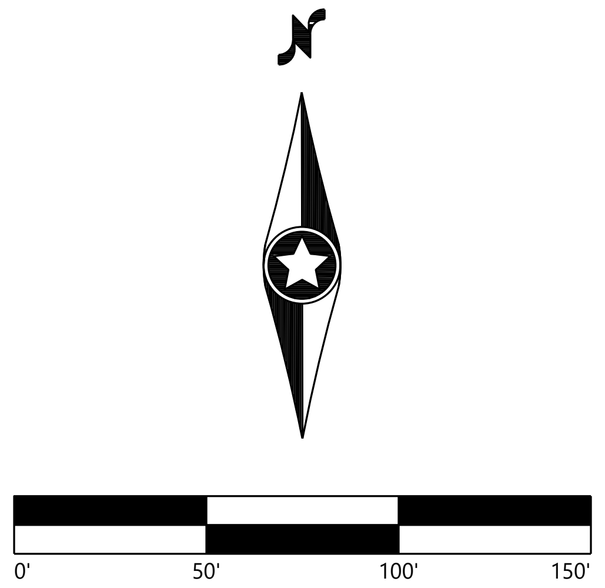
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
   - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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062-077157
10/14/25
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 3

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C503

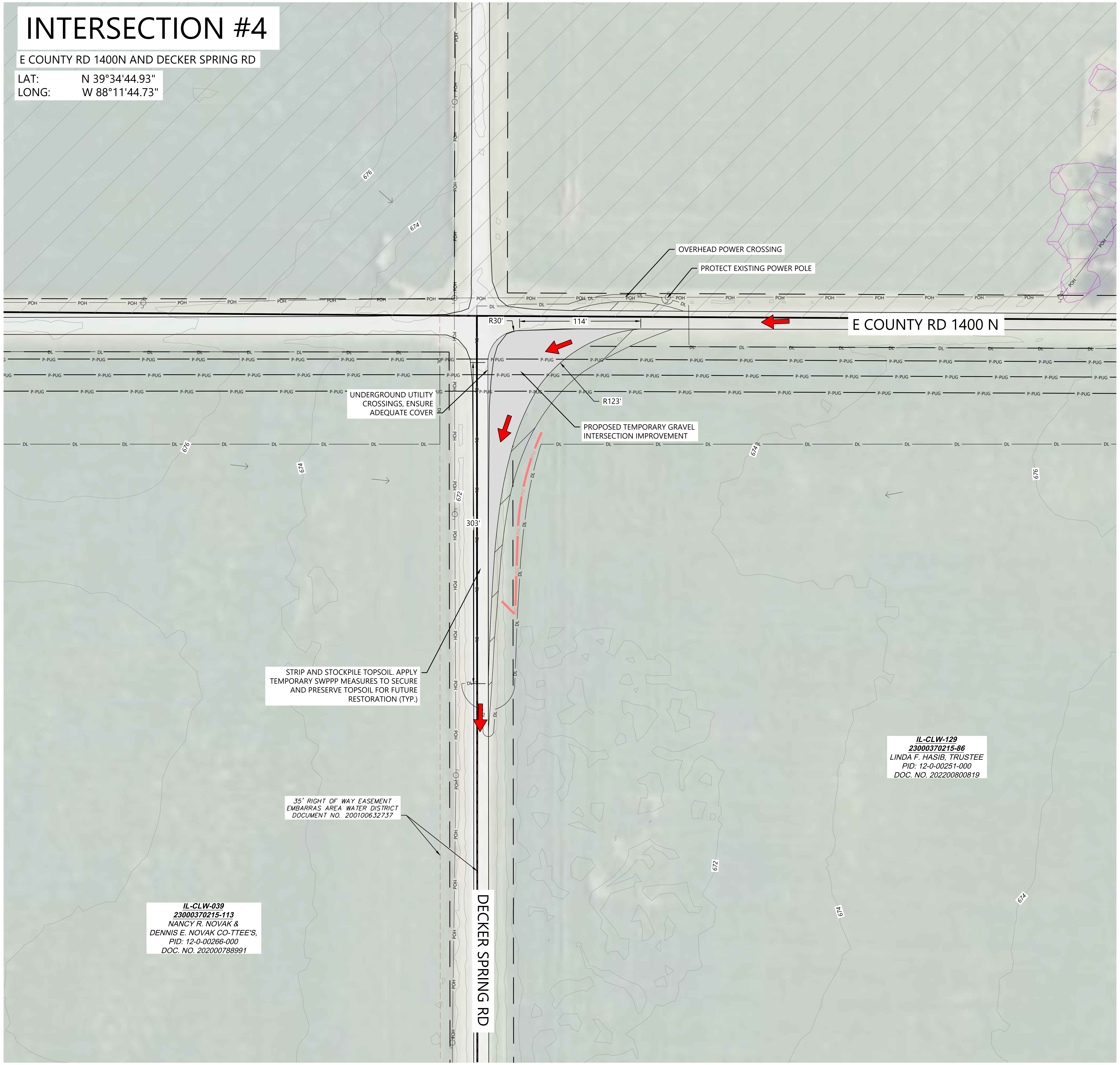
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:46 PM Sofia Lara Carrillo

INTERSECTION #4

E COUNTY RD 1400N AND DECKER SPRING RD

LAT: N 39°34'44.93"
LONG: W 88°11'44.73"



OVERHEAD POWER CROSSING

PROTECT EXISTING POWER POLE

UNDERGROUND UTILITY CROSSINGS, ENSURE ADEQUATE COVER

PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT

STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)

35' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 200100632737

IL-CLW-129
23000370215-86
LINDA F. HASIB, TRUSTEE
PID: 12-0-00251-000
DOC. NO. 202200800819

IL-CLW-039
23000370215-113
NANCY R. NOVAK &
DENNIS E. NOVAK CO-TTEE'S,
PID: 12-0-00266-000
DOC. NO. 202000788991

LEGEND:

▬	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
— GL —	GRADING LIMITS
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— —	RIGHT-OF-WAY LINES
- - - -	EASEMENT LINES
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— STO —	EX. CULVERT
— POH —	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
— ▶▶ —	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
▬	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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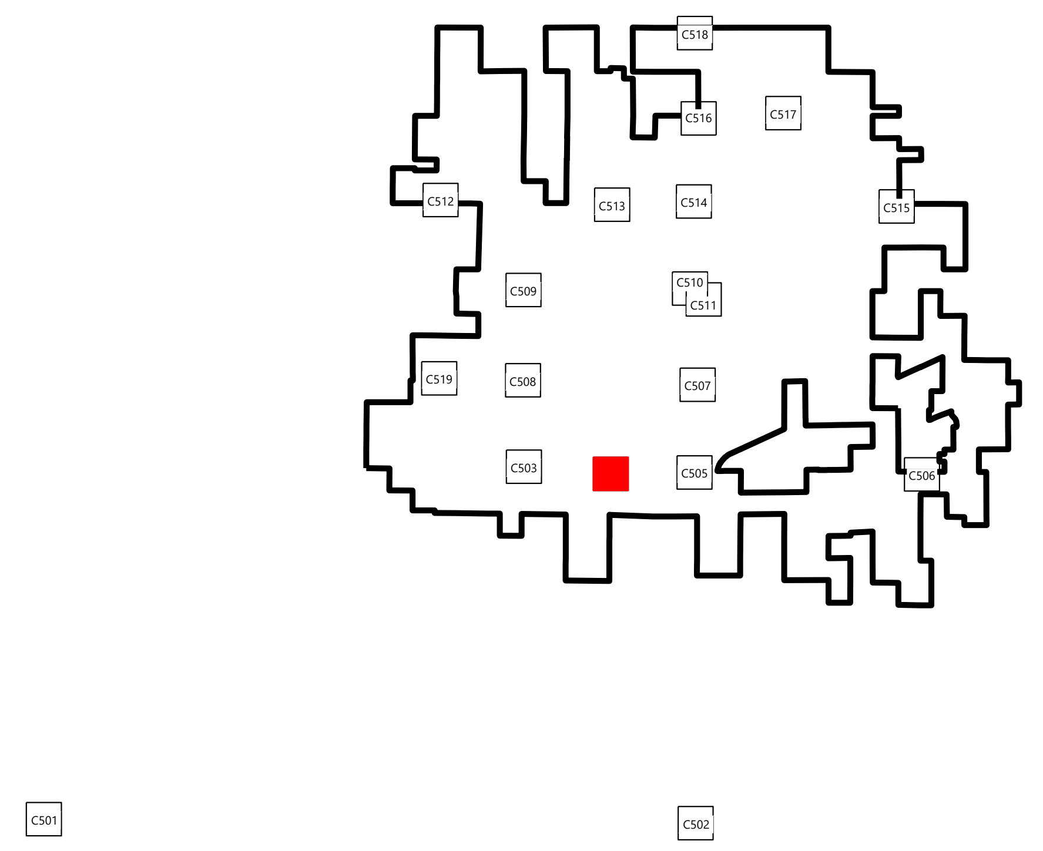

Westwood

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Westwood Professional Services, Inc.

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062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

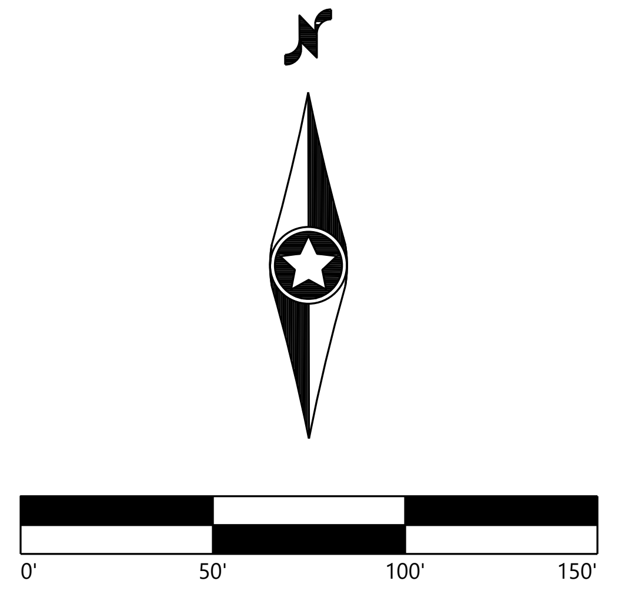
PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 4

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

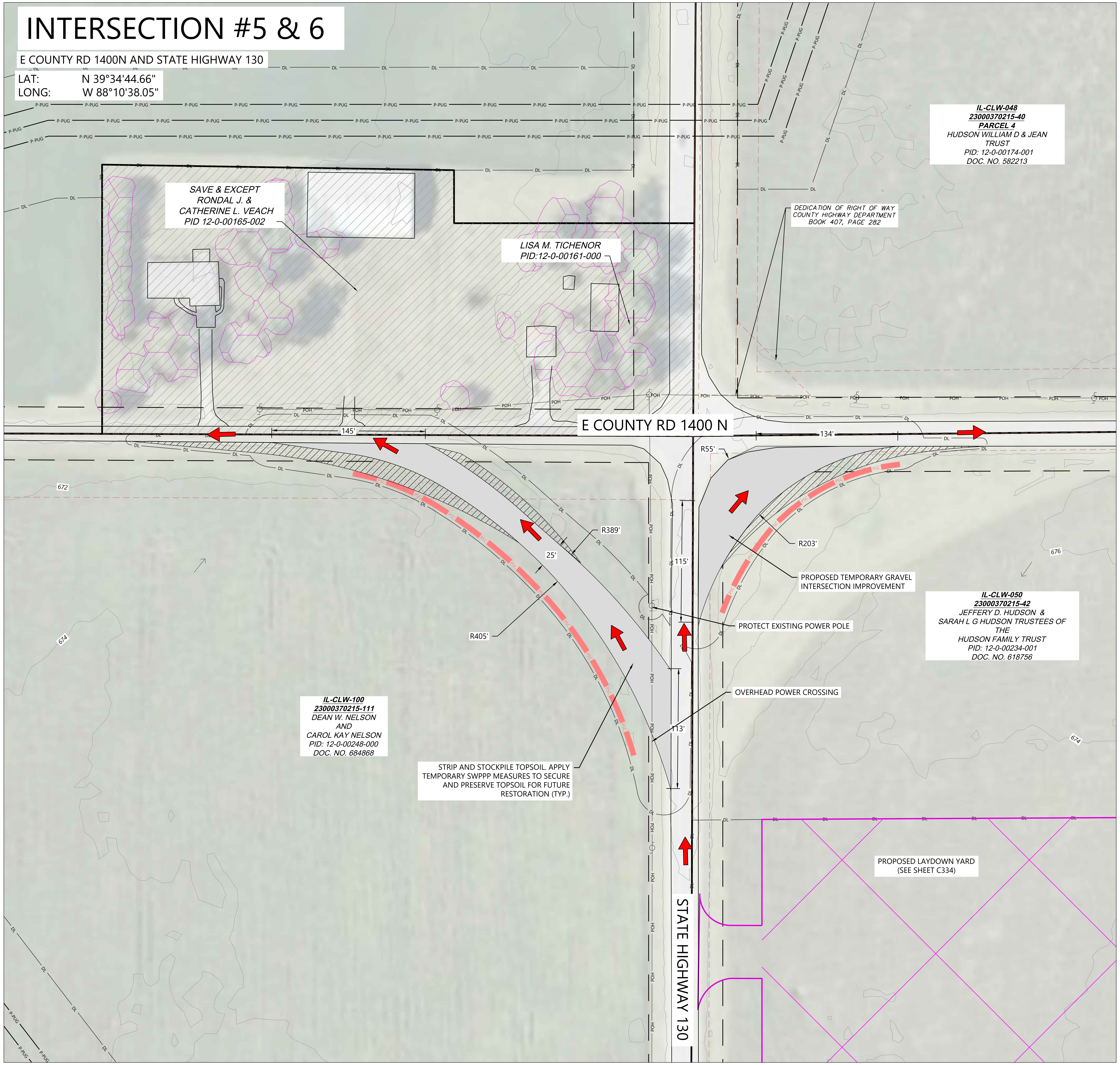
SHEET: C504

REV: 5

INTERSECTION #5 & 6

E COUNTY RD 1400N AND STATE HIGHWAY 130

LAT: N 39°34'44.66"
LONG: W 88°10'38.05"



LEGEND:

	PARCEL LINES
	DELIVERY ROUTE (INGRESS)
	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
	NON-PARTICIPATING LAND*
	RIGHT-OF-WAY LINES
	EASEMENT LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
	EX. WETLAND
	EX. 50' WETLAND BUFFER
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

GENERAL NOTES:

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7. PROVIDE POSITIVE DRAINAGE IN ALL TEMPORARY IMPROVEMENT AREAS.
8. ALL CUT/FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS OR REQUIRED BY THE PERMITTING AGENCY.
9. TEMPORARY CULVERTS SHOWN ON THE PLANS ARE BASED UPON OBSERVATION OF TOPOGRAPHIC CONTOURS, AERIAL IMAGERY AND ENGINEERING ANALYSIS. ADDITIONAL TEMPORARY CULVERTS MAY BE NEEDED WHERE FIELD CONDITIONS INDICATE AN INCISED CHANNEL. CONTRACTOR SHALL FIELD FIT TEMPORARY CULVERTS WITHIN THE ROADSIDE DITCH AND PROVIDE ADEQUATE COVER. COORDINATE WITH CIVIL ENGINEER AS NEEDED.
9. TEMPORARY CULVERT INSTALLATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS BASED ON MATERIALS, INSTALLATION METHODS, SIZE, AND ANTICIPATED LOADINGS.
10. CONFIRM TEMPORARY CULVERT END TREATMENTS AND MATERIALS WITH APPROPRIATE JURISDICTION.
11. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERTS TO BE REMOVED, AND ALL DISTURBED AREAS STABILIZED AND RESTORED TO NATIVE CONDITIONS.
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13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
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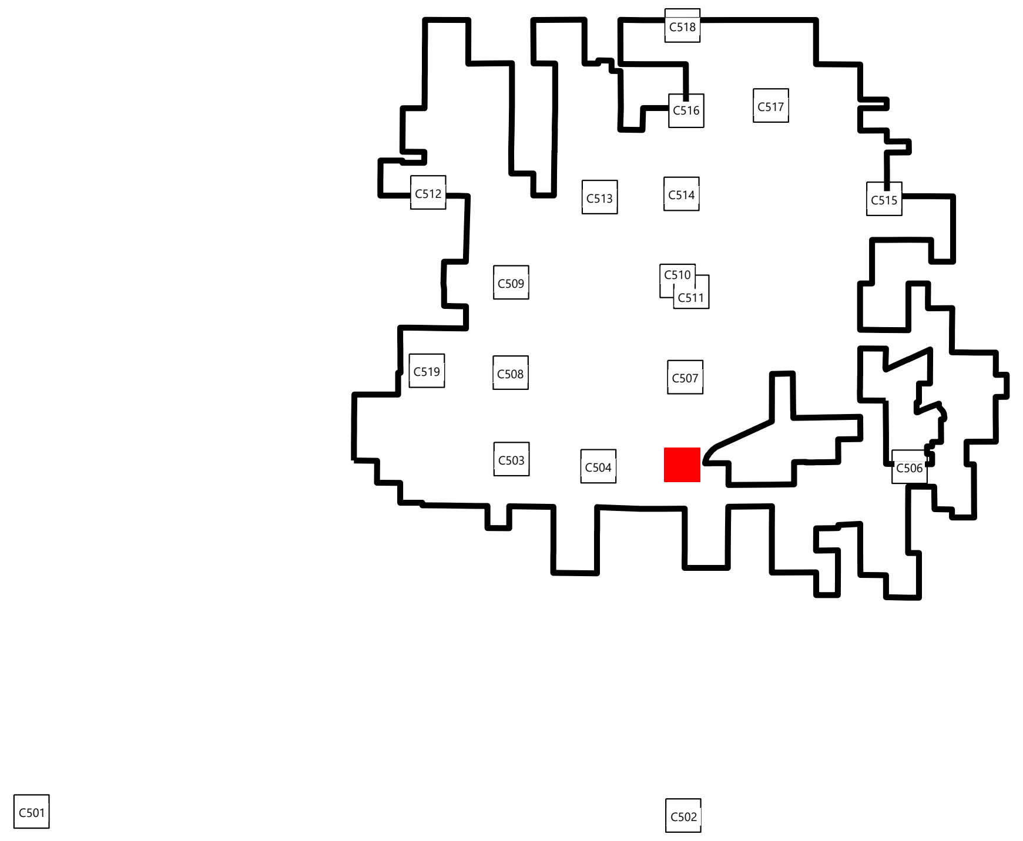
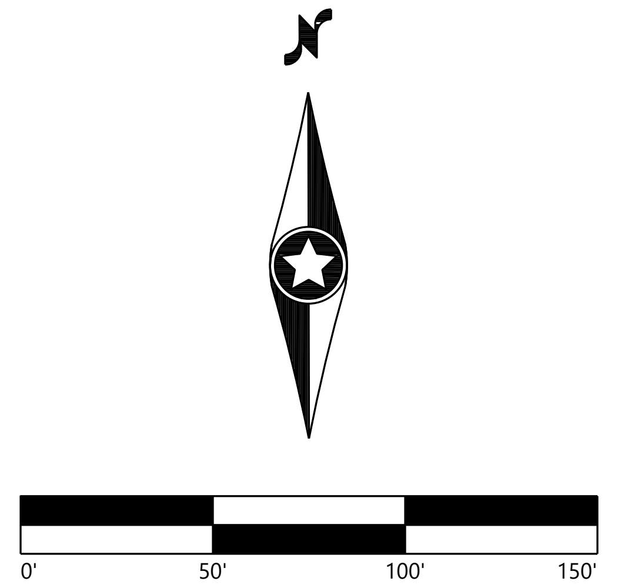
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
    - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





Westwood
Phone (214) 473-4640
Toll Free (888) 937-5150
2901 Dallas Parkway, Suite 400
Plano, TX 75093
westwoodps.com
Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 5 & 6

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C505

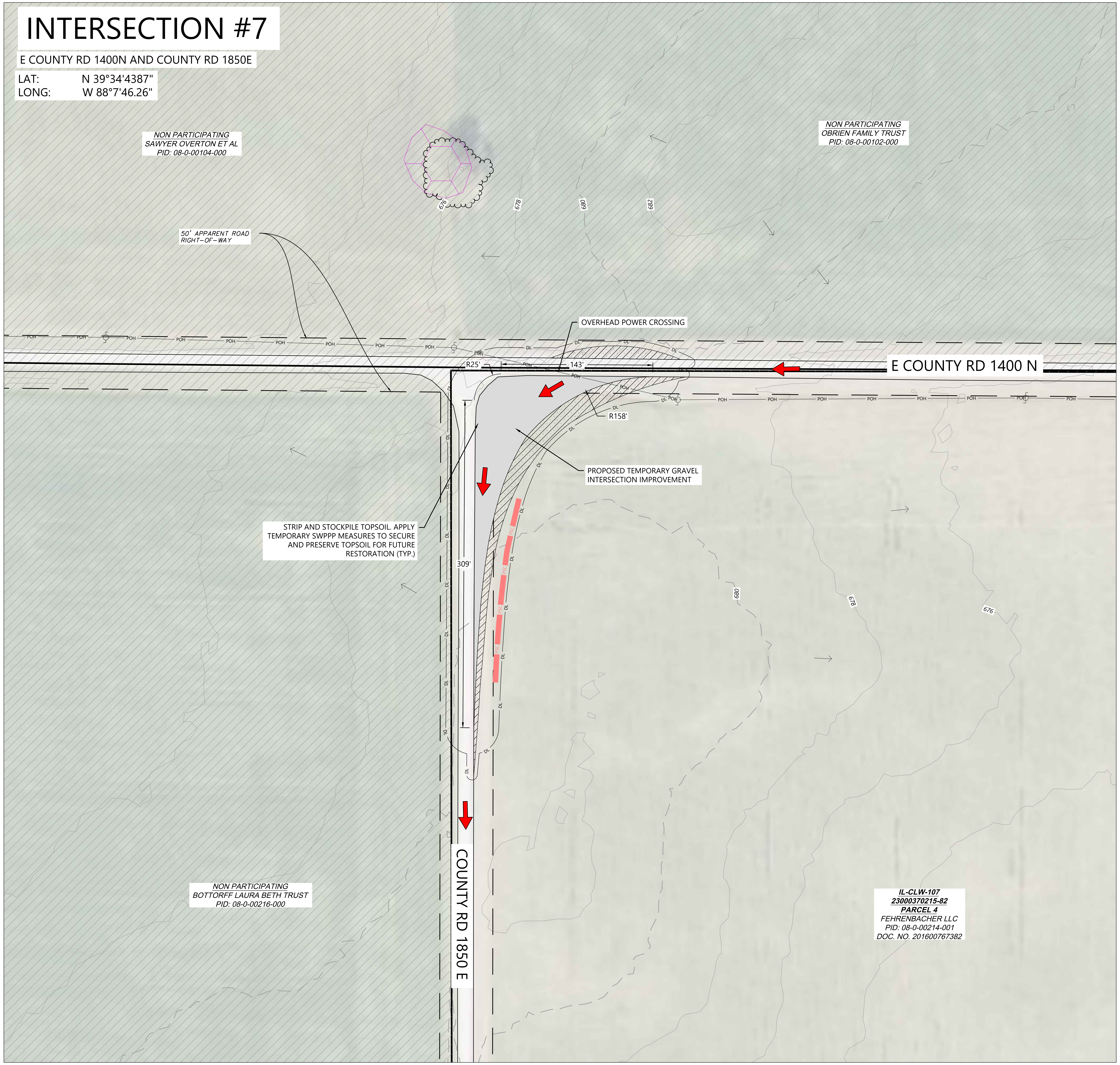
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:47 PM Sofia Lara Carrillo

INTERSECTION #7

E COUNTY RD 1400N AND COUNTY RD 1850E

LAT: N 39°34'4387"
LONG: W 88°7'46.26"



LEGEND:

- PARCEL LINES
- DELIVERY ROUTE (INGRESS)
- TEMPORARY INTERSECTION IMPROVEMENT
- P-PUG — UNDERGROUND COLLECTION
- DL — DISTURBANCE LIMITS
- GL — GRADING LIMITS
- NON-PARTICIPATING LAND*
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- 900 — EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- 900 — PROPOSED INDEX CONTOUR
- 902 — PROPOSED INTERVAL CONTOUR
- EX. ROAD CENTERLINE
- STO — EX. CULVERT
- POH — EX. OVERHEAD POWER
- EX. STREAM CHANNEL
- PROPOSED TEMPORARY CULVERT
- EX. WETLAND
- EX. 50' WETLAND BUFFER
- EX. SANDPIPER HABITAT
- EX. BAT HABITAT
- PROPOSED BLADE SWING AREA
- PROPOSED FACILITIES
- PROPOSED TEMPORARY CULVERT
- PSC — PERIMETER SEDIMENT CONTROL
- FLOW ARROW

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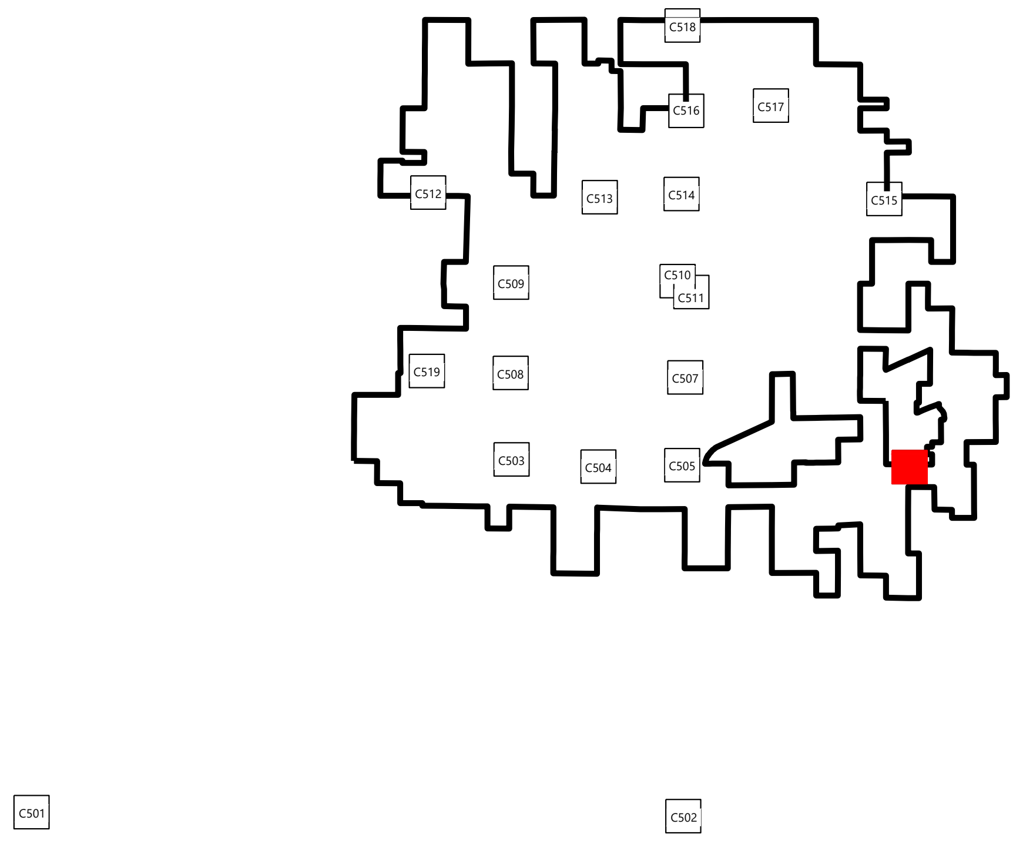
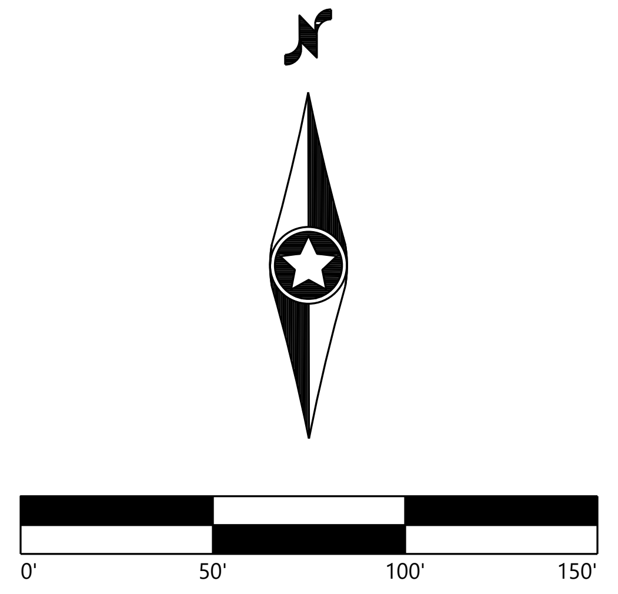
KEYMAP:





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LICENSED PROFESSIONAL ENGINEER
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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 7

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

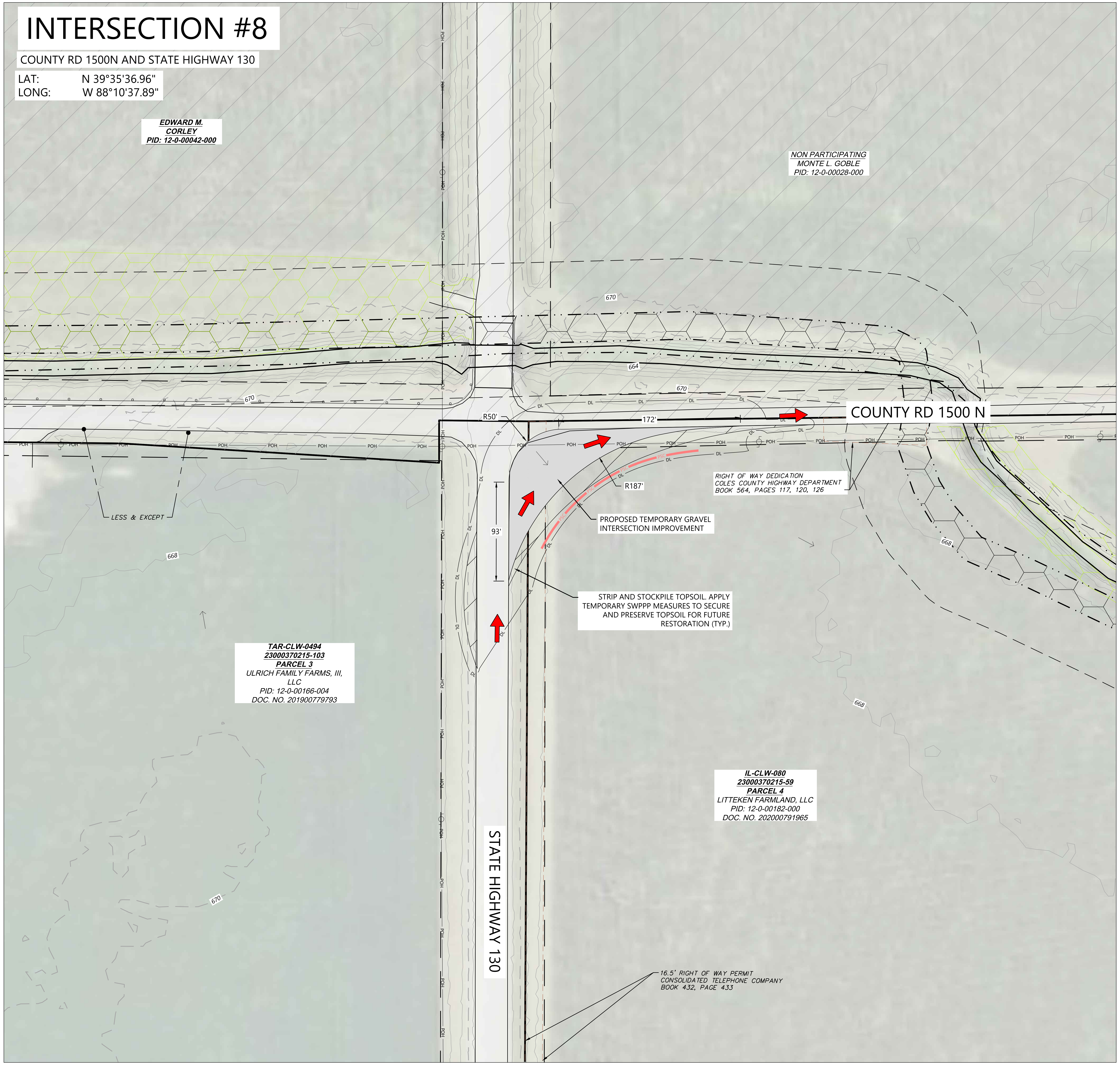
SHEET: C506 REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:48 PM Sofia Lara Carrillo

INTERSECTION #8

COUNTY RD 1500N AND STATE HIGHWAY 130

LAT:	N 39°35'36.96"
LONG:	W 88°10'37.89"



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P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
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	NON-PARTICIPATING LAND*
	RIGHT-OF-WAY LINES
	EASEMENT LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
	EX. WETLAND
	EX. 50' WETLAND BUFFER
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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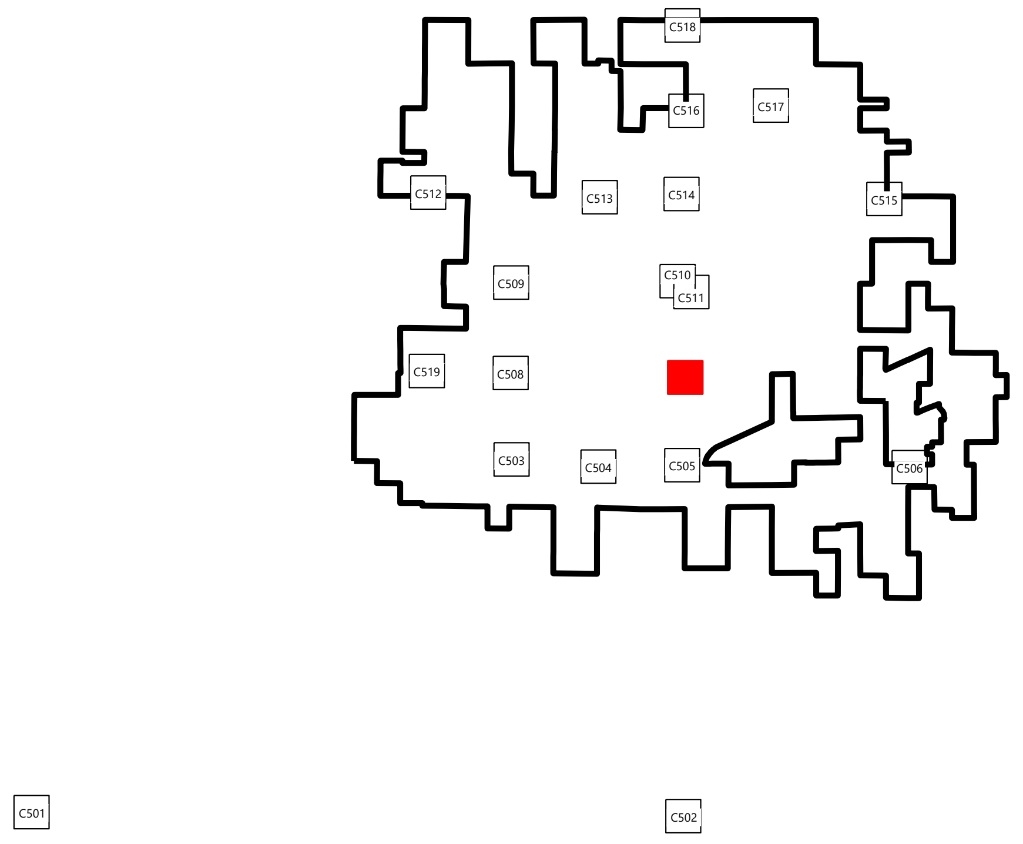
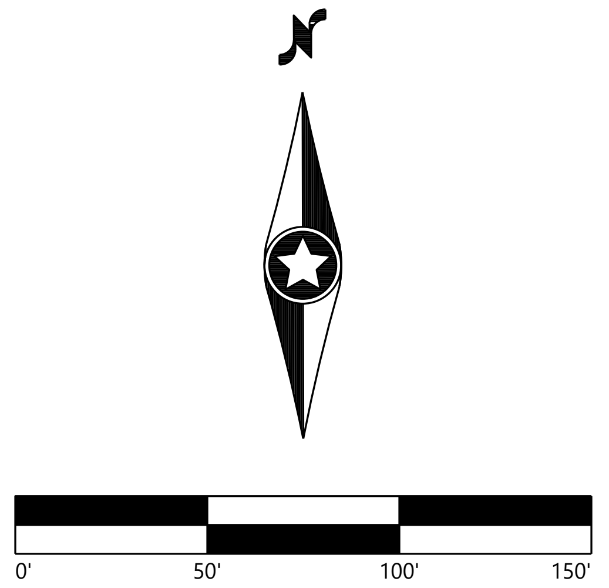
KEYMAP:





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062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement Intersection - 8

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C507

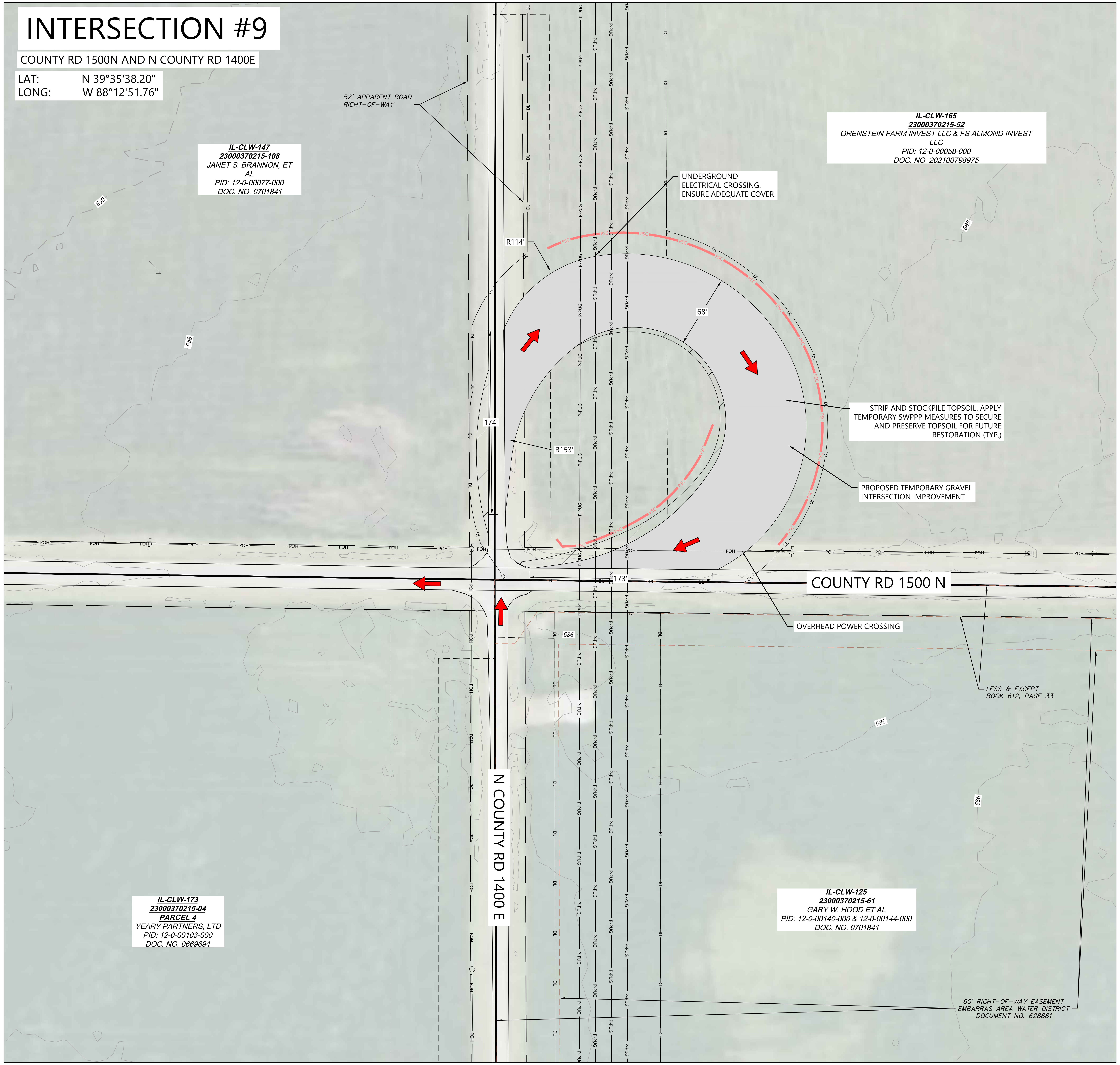
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:49 PM Sofia Lara Carrillo

INTERSECTION #9

COUNTY RD 1500N AND N COUNTY RD 1400E

LAT:	N 39°35'38.20"
LONG:	W 88°12'51.76"


52' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-147
23000370215-108
JANET S. BRANNON, ET AL
PID: 12-0-00077-000
DOC. NO. 0701841
IL-CLW-165
23000370215-52
ORENSTEIN FARM INVEST LLC & FS ALMOND INVEST LLC
PID: 12-0-00058-000
DOC. NO. 202100798975
UNDERGROUND ELECTRICAL CROSSING. ENSURE ADEQUATE COVER
R114'
68'
174'
R153'
173'
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
COUNTY RD 1500 N
OVERHEAD POWER CROSSING
LESS & EXCEPT BOOK 612, PAGE 33
N COUNTY RD 1400 E
690
688
686
P-PUG
DL
POH
PSC
IL-CLW-173
23000370215-04
PARCEL 4
YEARY PARTNERS, LTD
PID: 12-0-00103-000
DOC. NO. 0669694
IL-CLW-125
23000370215-61
GARY W. HOOD ET AL
PID: 12-0-00140-000 & 12-0-00144-000
DOC. NO. 0701841
60' RIGHT-OF-WAY EASEMENT EMBARRAS AREA WATER DISTRICT DOCUMENT NO. 628881

LEGEND:

━━━	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▨	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
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▭	EX. BAT HABITAT
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5. CONTRACTOR SHALL LOCATE EXISTING UTILITIES AND CONTACT ENGINEER IF DESIGN CONFLICTS ARE IDENTIFIED.
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7. PROVIDE POSITIVE DRAINAGE IN ALL TEMPORARY IMPROVEMENT AREAS.
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9. TEMPORARY CULVERT INSTALLATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS BASED ON MATERIALS, INSTALLATION METHODS, SIZE, AND ANTICIPATED LOADINGS.
10. CONFIRM TEMPORARY CULVERT END TREATMENTS AND MATERIALS WITH APPROPRIATE JURISDICTION.
11. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERTS TO BE REMOVED, AND ALL DISTURBED AREAS STABILIZED AND RESTORED TO NATIVE CONDITIONS.
12. CONDITIONS OF EXISTING CULVERTS TO BE FIELD VERIFIED AND MONITORED DURING CONSTRUCTION. COORDINATE WITH APPROPRIATE JURISDICTION IF ANY CULVERT DAMAGE OCCURS AS A RESULT OF CONSTRUCTION ACTIVITIES.
13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

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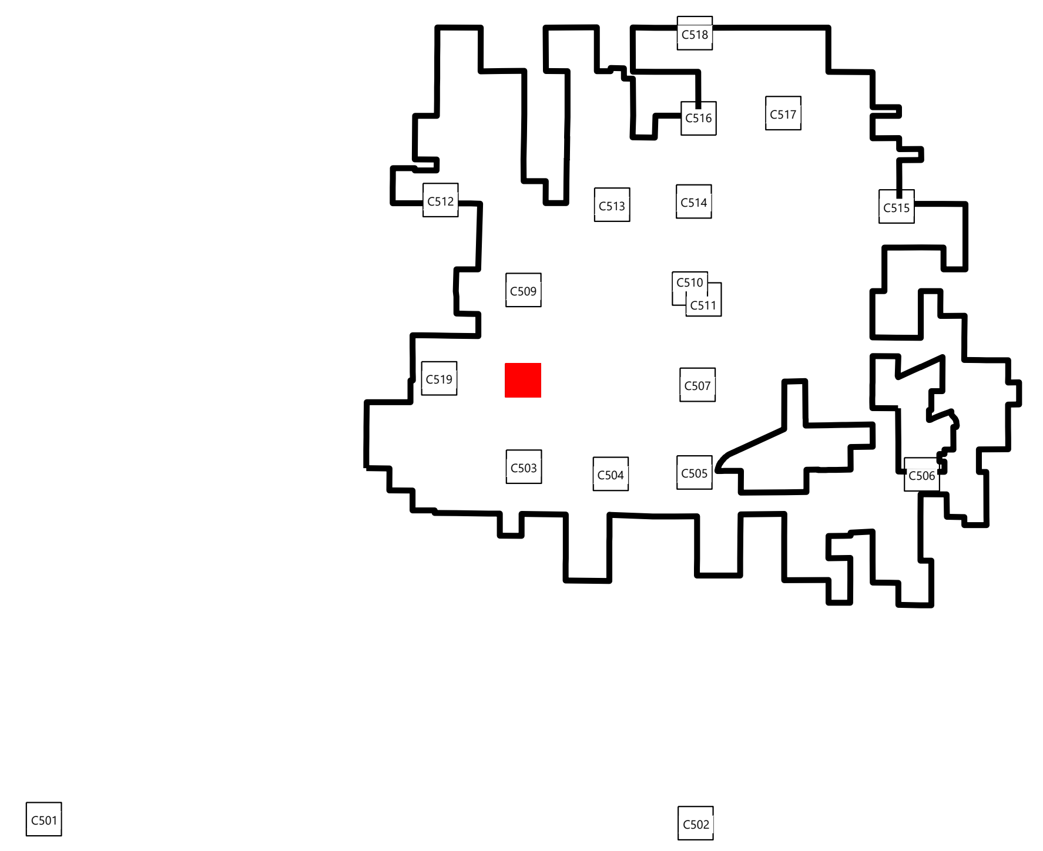
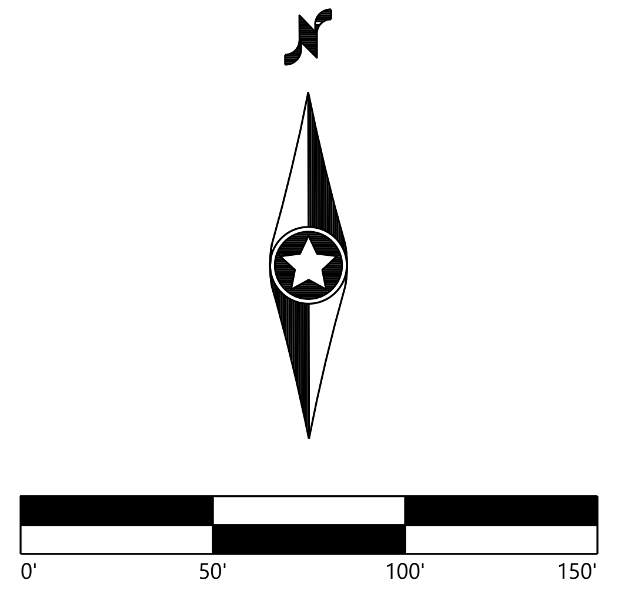
   - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
   - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





Westwood

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2901 Dallas Parkway, Suite 400
Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER
PAIGE R.
MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project
Coles County, Illinois

Public Improvement
Intersection - 9

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C508
REV: 5

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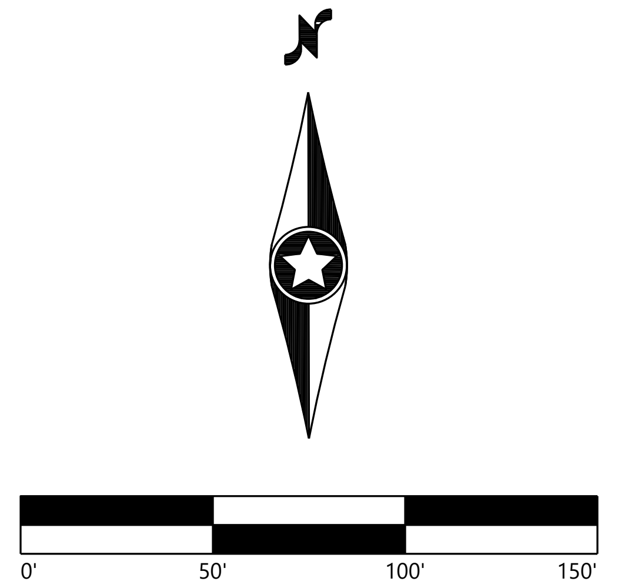
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project
Coles County, Illinois

Public Improvement
Intersection - 10

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C509

REV: 5

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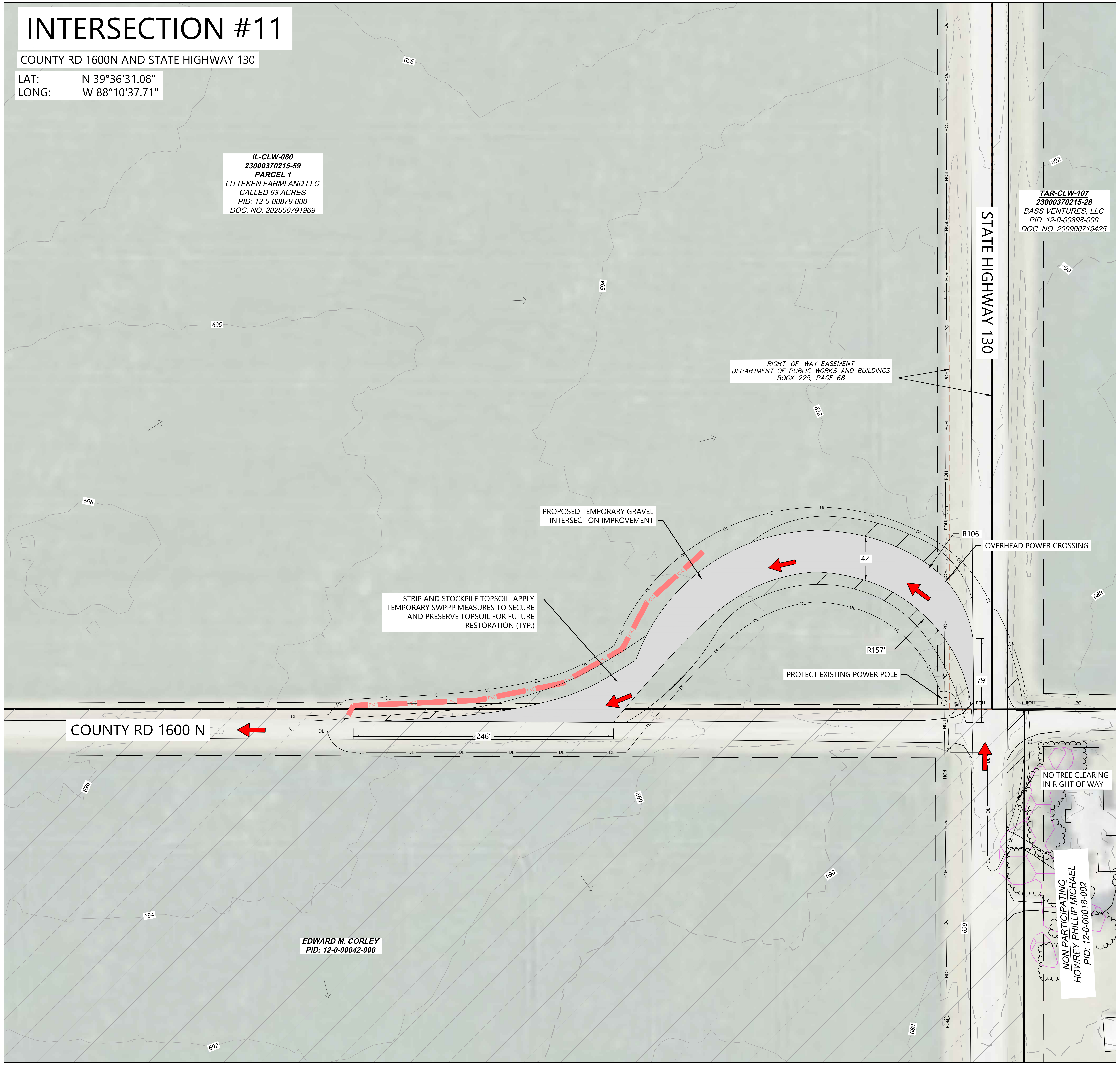

INTERSECTION #11

COUNTY RD 1600N AND STATE HIGHWAY 130

LAT:	N 39°36'31.08"
LONG:	W 88°10'37.71"

LEGEND:

▬	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
— GL —	GRADING LIMITS
▭	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - - -	EASEMENT LINES
— 900 —	EX. INDEX CONTOUR
- - -	EX. INTERVAL CONTOUR
— 900 —	PROPOSED INDEX CONTOUR
— 902 —	PROPOSED INTERVAL CONTOUR
— – —	EX. ROAD CENTERLINE
— STO —	EX. CULVERT
— POH —	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
— ▶▶ —	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

GENERAL NOTES:

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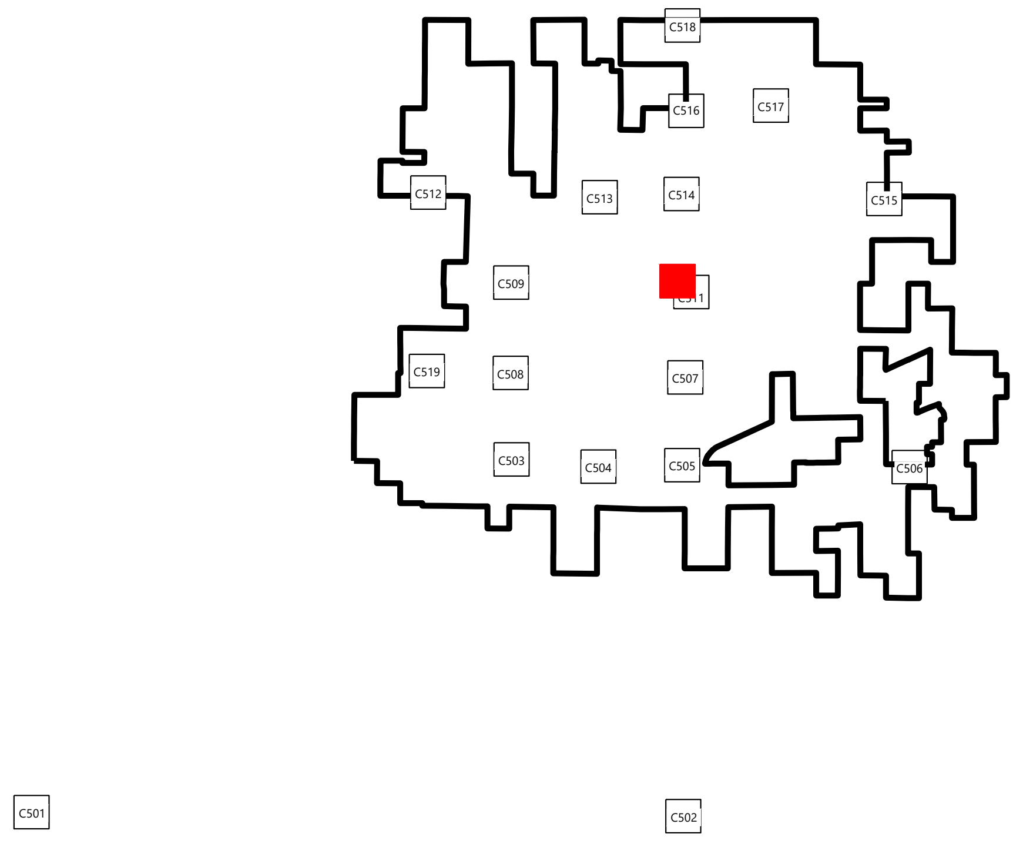
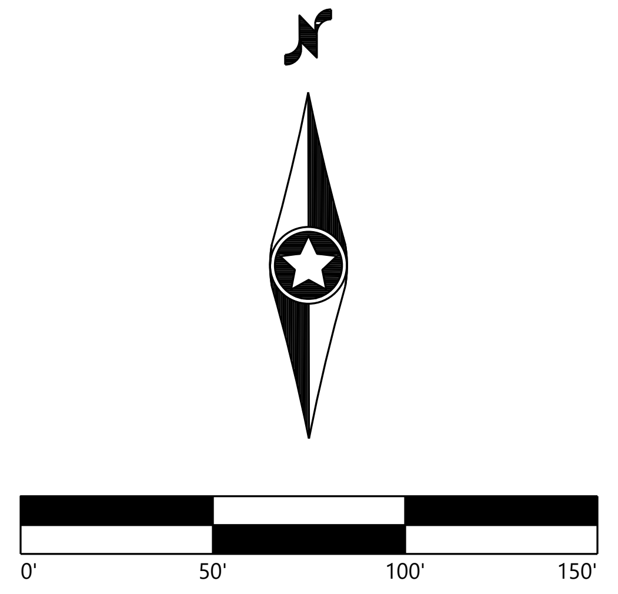
KEYMAP:





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EXP: 11/30/25

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Charlottesville, VA 22902

REVISIONS:

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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement Intersection - 11

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C510

REV: 5

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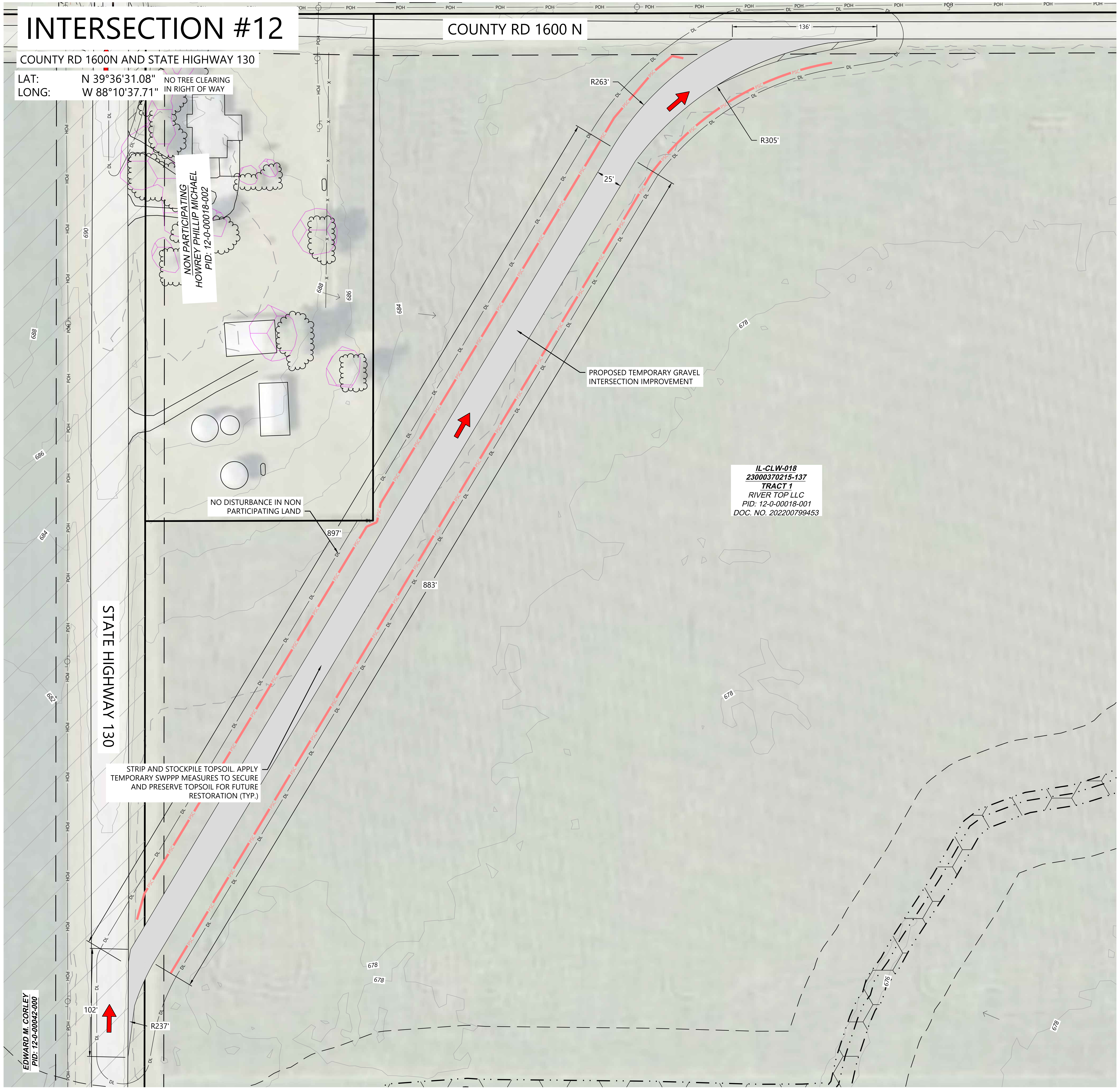
INTERSECTION #12

COUNTY RD 1600N AND STATE HIGHWAY 130

LAT:	N 39°36'31.08"
LONG:	W 88°10'37.71"



NO TREE CLEARING IN RIGHT OF WAY

PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT

NO DISTURBANCE IN NON PARTICIPATING LAND

STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)

IL-CLW-018
23000370215-137
TRACT 1
RIVER TOP LLC
PID: 12-0-00018-001
DOC. NO. 202200799453

LEGEND:

—	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▭	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
— GL —	GRADING LIMITS
▨	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - - -	EASEMENT LINES
— 900 —	EX. INDEX CONTOUR
- - - -	EX. INTERVAL CONTOUR
— 900 —	PROPOSED INDEX CONTOUR
— 902 —	PROPOSED INTERVAL CONTOUR
— - —	EX. ROAD CENTERLINE
— STO —	EX. CULVERT
— POH —	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
— ▶▶ —	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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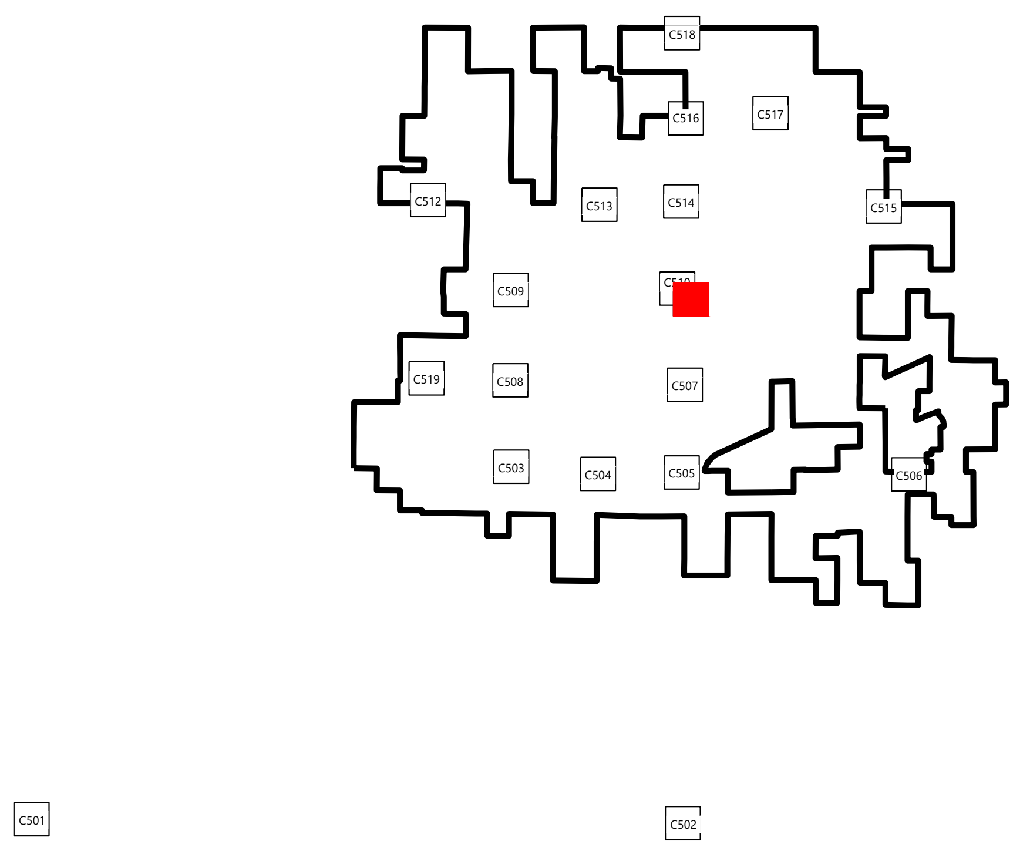
KEYMAP:



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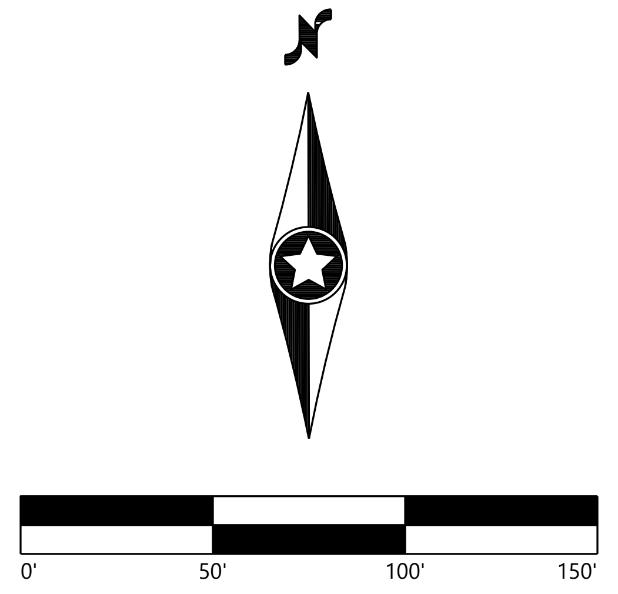


Coles Wind Project
Coles County, Illinois

Public Improvement
Intersection - 12

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

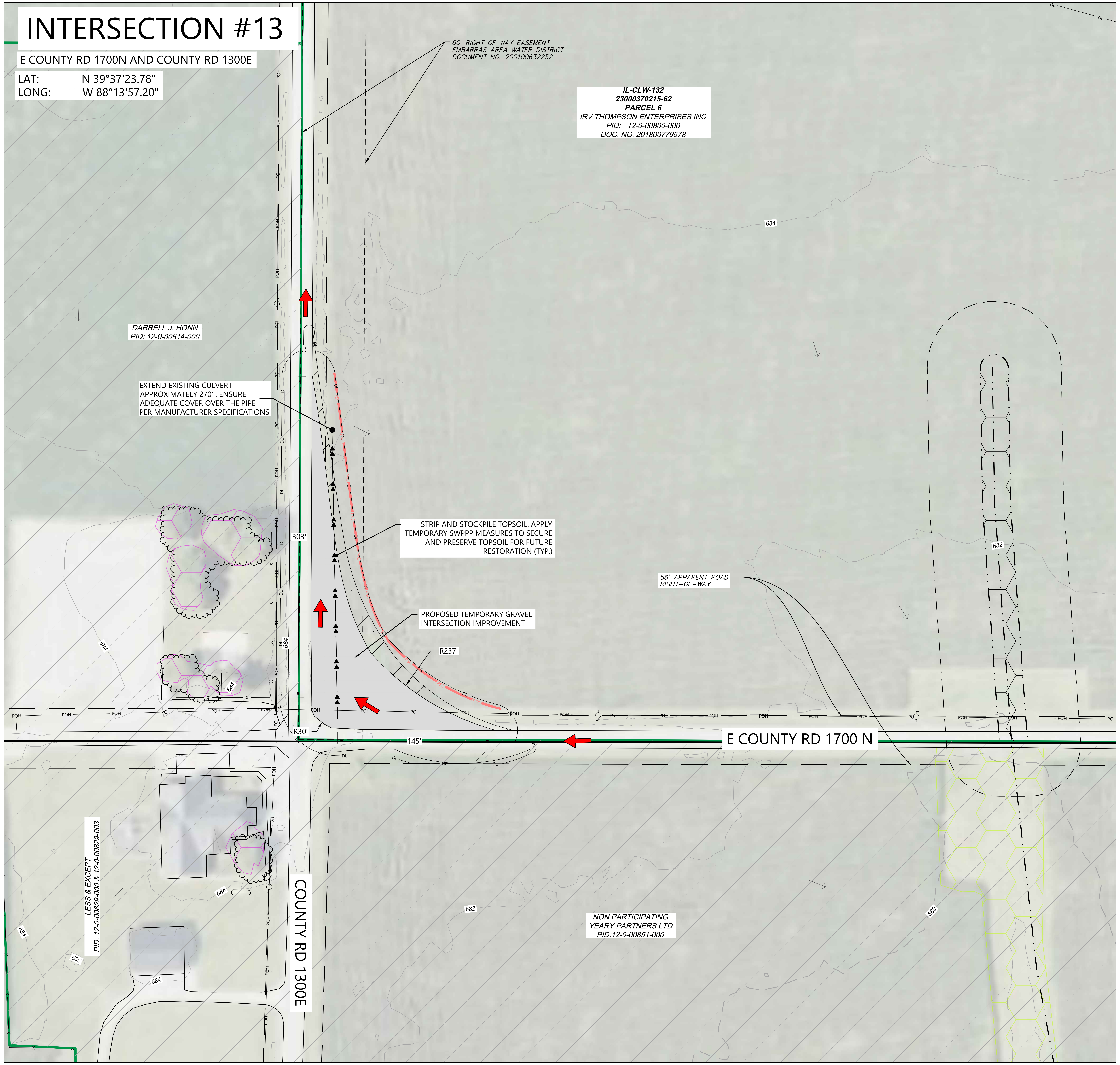
SHEET: C511 REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:51 PM Sofia Lara Carrillo

INTERSECTION #13

E COUNTY RD 1700N AND COUNTY RD 1300E

LAT: N 39°37'23.78"
LONG: W 88°13'57.20"


60' RIGHT OF WAY EASEMENT
EMBARRAS AREA WATER DISTRICT
DOCUMENT NO. 200100632252
IL-CLW-132
23000370215-62
PARCEL 6
IRV THOMPSON ENTERPRISES INC
PID: 12-0-00800-000
DOC. NO. 201800779578
DARRELL J. HONN
PID: 12-0-00814-000
EXTEND EXISTING CULVERT APPROXIMATELY 270'. ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
56' APPARENT ROAD RIGHT-OF-WAY
303'
R237'
R30'
145'
684
682
680
686
E COUNTY RD 1700 N
COUNTY RD 1300E
LESS & EXCEPT
PID: 12-0-00829-000 & 12-0-00829-003
NON PARTICIPATING
YEARY PARTNERS LTD
PID:12-0-00851-000
POH
DL

LEGEND:

▬	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
— P-PUG —	UNDERGROUND COLLECTION
— DL —	DISTURBANCE LIMITS
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▭	EX. WETLAND
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▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
▬	PROPOSED TEMPORARY CULVERT
— PSC —	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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8. ALL CUT/FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS OR REQUIRED BY THE PERMITTING AGENCY.
9. TEMPORARY CULVERTS SHOWN ON THE PLANS ARE BASED UPON OBSERVATION OF TOPOGRAPHIC CONTOURS, AERIAL IMAGERY AND ENGINEERING ANALYSIS. ADDITIONAL TEMPORARY CULVERTS MAY BE NEEDED WHERE FIELD CONDITIONS INDICATE AN INCISED CHANNEL. CONTRACTOR SHALL FIELD FIT TEMPORARY CULVERTS WITHIN THE ROADSIDE DITCH AND PROVIDE ADEQUATE COVER. COORDINATE WITH CIVIL ENGINEER AS NEEDED.
9. TEMPORARY CULVERT INSTALLATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS BASED ON MATERIALS, INSTALLATION METHODS, SIZE, AND ANTICIPATED LOADINGS.
10. CONFIRM TEMPORARY CULVERT END TREATMENTS AND MATERIALS WITH APPROPRIATE JURISDICTION.
11. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERTS TO BE REMOVED, AND ALL DISTURBED AREAS STABILIZED AND RESTORED TO NATIVE CONDITIONS.
12. CONDITIONS OF EXISTING CULVERTS TO BE FIELD VERIFIED AND MONITORED DURING CONSTRUCTION. COORDINATE WITH APPROPRIATE JURISDICTION IF ANY CULVERT DAMAGE OCCURS AS A RESULT OF CONSTRUCTION ACTIVITIES.
13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
3. QUALIFIED, TRAINED, AND COMPETENT PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
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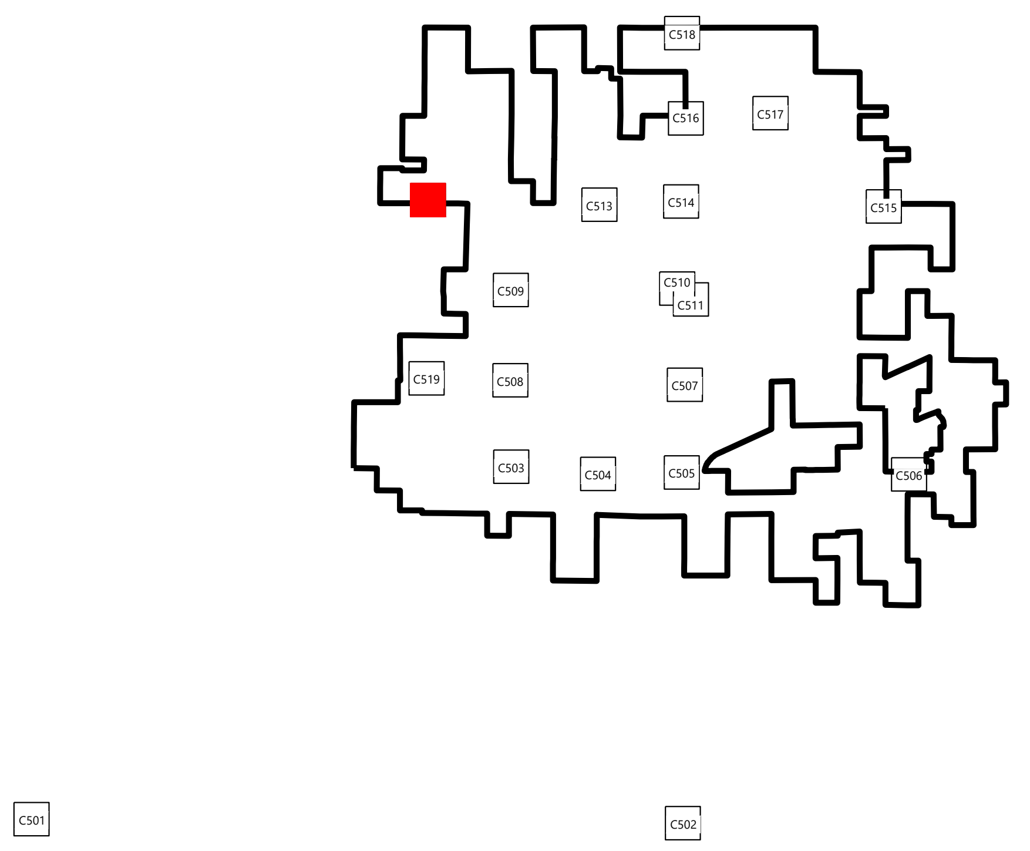
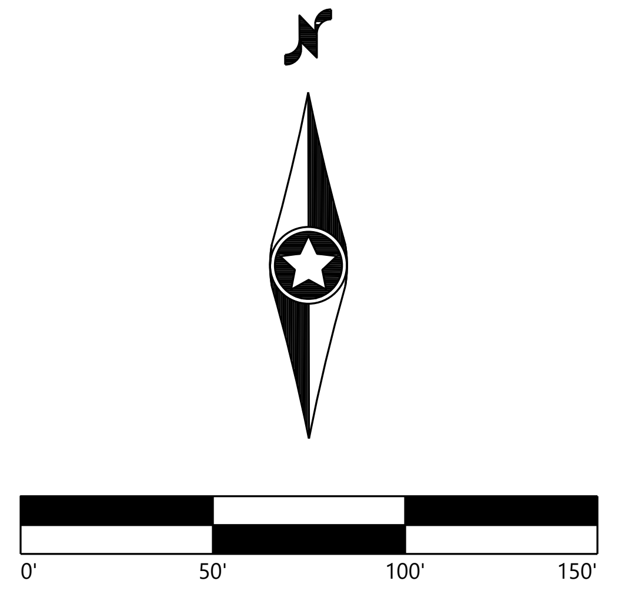
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
    - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





Westwood

Phone (214) 473-4640
Toll Free (888) 937-5150
2901 Dallas Parkway, Suite 400
Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 13

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C512

REV: 5

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Toll Free (888) 937-5150

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Plano, TX 75093
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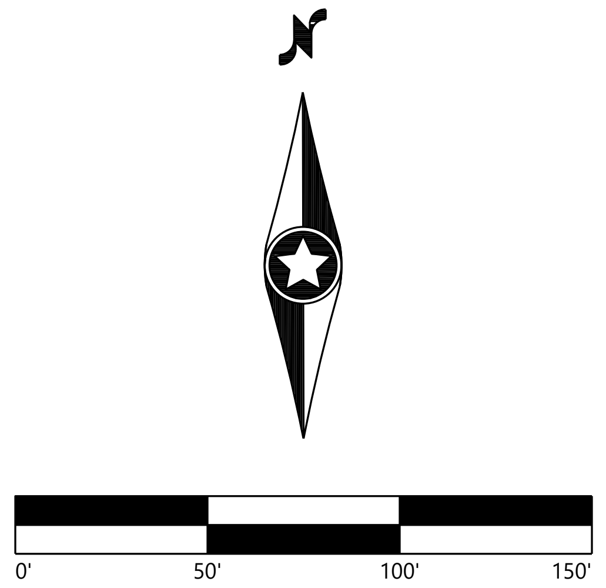
PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project
Coles County, Illinois

Public Improvement
Intersection - 14

ISSUED FOR CONSTRUCTION

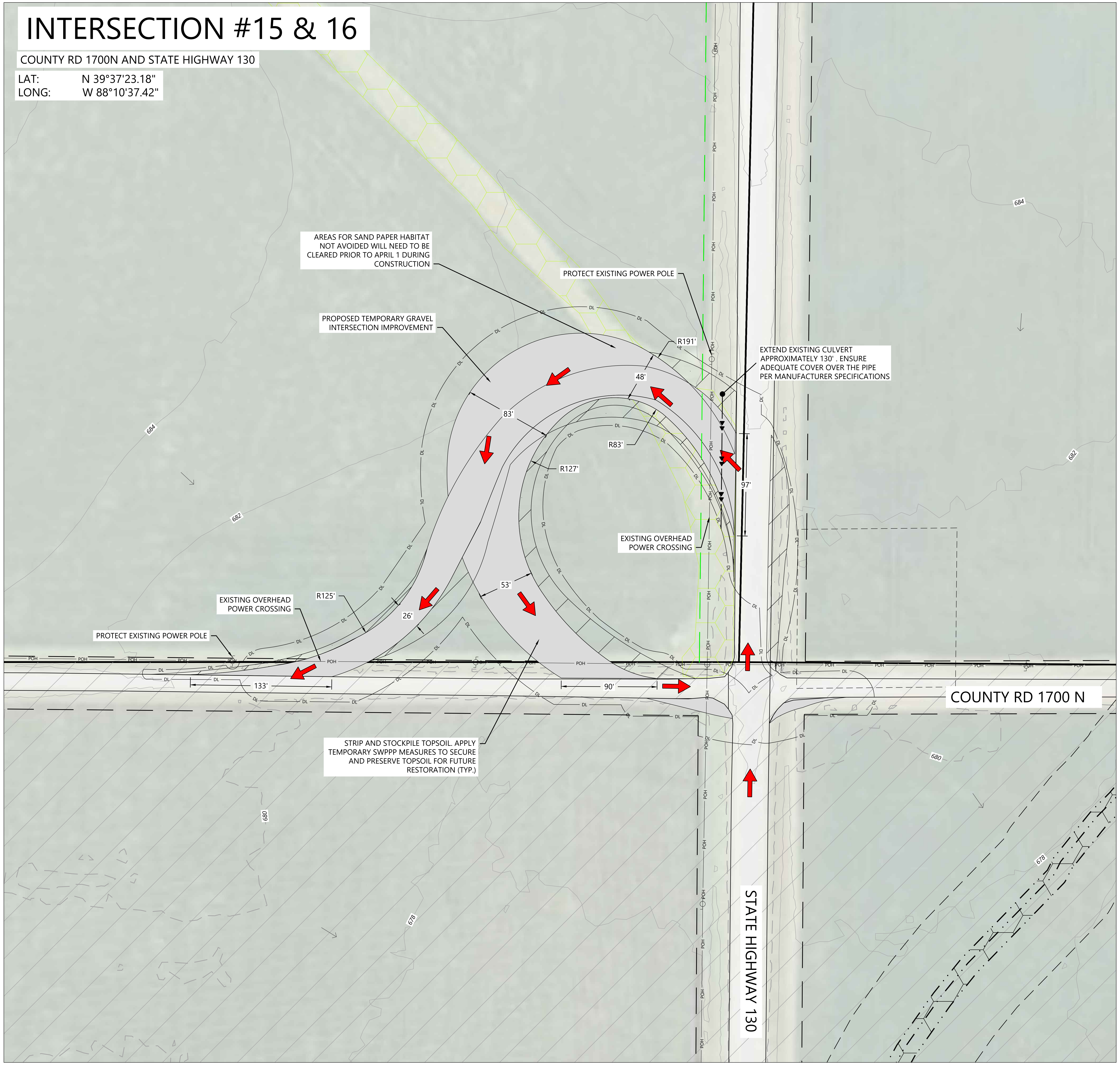
DATE: 10/14/2025
SHEET: C513
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:52 PM Sofia Lara Carrillo

INTERSECTION #15 & 16

COUNTY RD 1700N AND STATE HIGHWAY 130

LAT:	N 39°37'23.18"
LONG:	W 88°10'37.42"



AREAS FOR SAND PAPER HABITAT NOT AVOIDED WILL NEED TO BE CLEARED PRIOR TO APRIL 1 DURING CONSTRUCTION
PROTECT EXISTING POWER POLE
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
EXTEND EXISTING CULVERT APPROXIMATELY 130' . ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
R191'
48'
83'
R83'
R127'
97'
EXISTING OVERHEAD POWER CROSSING
53'
R125'
26'
EXISTING OVERHEAD POWER CROSSING
PROTECT EXISTING POWER POLE
133'
90'
COUNTY RD 1700 N
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
STATE HIGHWAY 130
684
682
680
678
POH
DL

LEGEND:

━━━	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▨	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▭	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - -	EASEMENT LINES
900	EX. INDEX CONTOUR
- - -	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
— - —	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
▭	EX. SANDPIPER HABITAT
▭	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
▨	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

GENERAL NOTES:

1. REFER TO THE GENERAL CONSTRUCTION NOTES ON SHEET C714 OF THIS PLAN SET FOR ADDITIONAL INFORMATION AND TESTING REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STATE AND LOCAL ORDINANCES AND FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO INITIATING CONSTRUCTION.
3. CONTRACTOR TO PROVIDE TRAFFIC CONTROL AND TEMPORARILY RELOCATE ALL IMPACTED SIGNAGE AS REQUIRED BY STATE OR COUNTY OFFICIALS.
4. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY VIOLATIONS OF THE OBSTRUCTION FREE ZONE NOT SHOWN ON THE PLANS.
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13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

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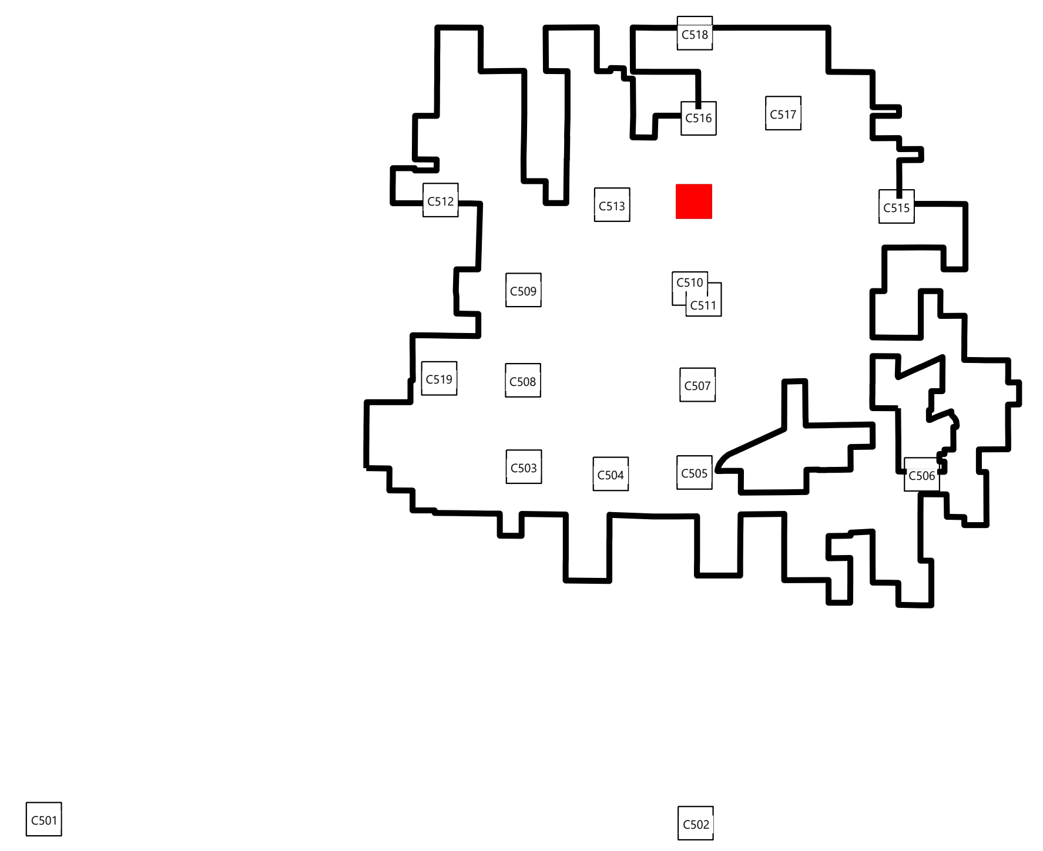
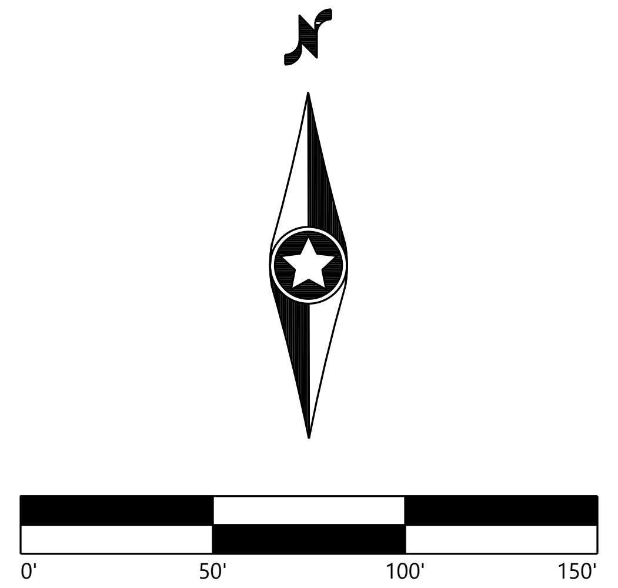
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





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062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 15 & 16

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C514

REV: 5

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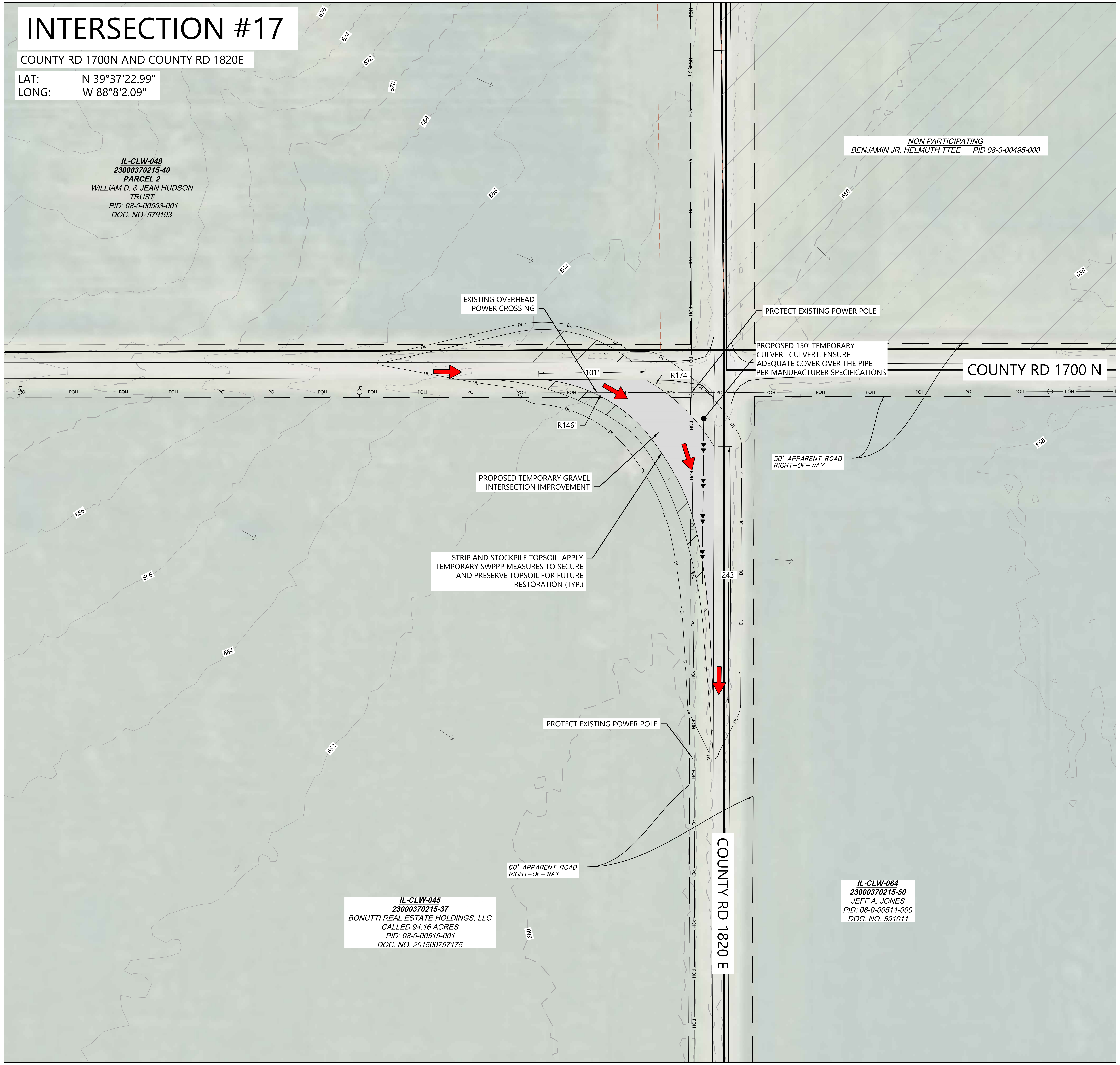
INTERSECTION #17

COUNTY RD 1700N AND COUNTY RD 1820E

LAT: N 39°37'22.99"
LONG: W 88°8'2.09"


IL-CLW-048
23000370215-40
PARCEL 2
WILLIAM D. & JEAN HUDSON TRUST
PID: 08-0-00503-001
DOC. NO. 579193
NON PARTICIPATING
BENJAMIN JR. HELMUTH TTEE PID 08-0-00495-000
EXISTING OVERHEAD POWER CROSSING
PROTECT EXISTING POWER POLE
PROPOSED 150' TEMPORARY CULVERT CULVERT. ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
COUNTY RD 1700 N
101'
R174'
R146'
50' APPARENT ROAD RIGHT-OF-WAY
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
243'
PROTECT EXISTING POWER POLE
60' APPARENT ROAD RIGHT-OF-WAY
COUNTY RD 1820 E
IL-CLW-045
23000370215-37
BONUTTI REAL ESTATE HOLDINGS, LLC
CALLED 94.16 ACRES
PID: 08-0-00519-001
DOC. NO. 201500757175
IL-CLW-064
23000370215-50
JEFF A. JONES
PID: 08-0-00514-000
DOC. NO. 591011
676
674
672
670
668
666
664
662
660
658
POH
DL

LEGEND:

	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▨	NON-PARTICIPATING LAND*
	RIGHT-OF-WAY LINES
	EASEMENT LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
	EX. WETLAND
	EX. 50' WETLAND BUFFER
	EX. SANDPIPER HABITAT
	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
	PROPOSED FACILITIES
	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

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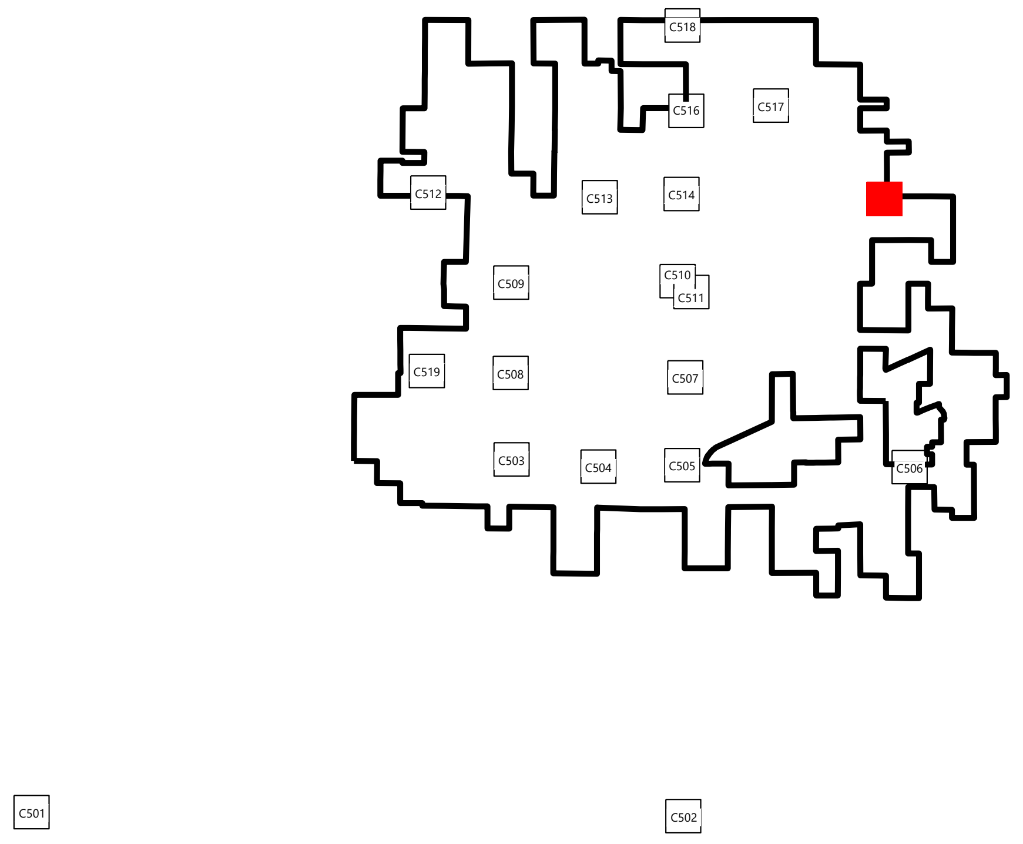
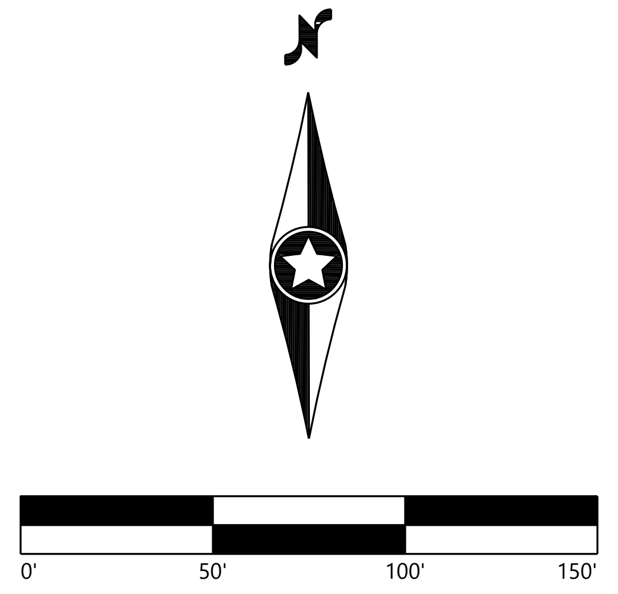
KEYMAP:





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062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

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0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 17

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C515

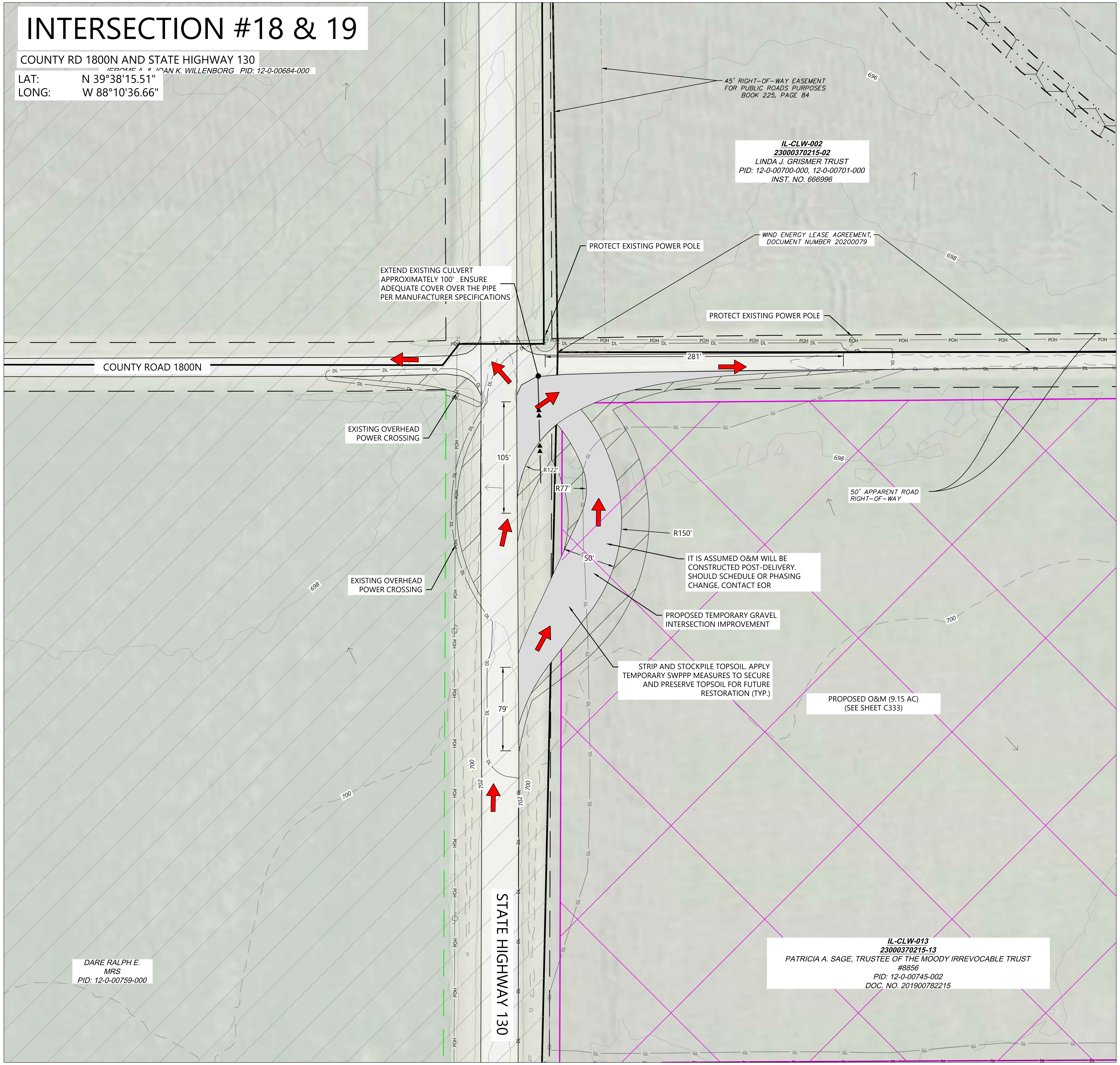
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:53 PM Sofia Lara Carrillo

INTERSECTION #18 & 19

COUNTY RD 1800N AND STATE HIGHWAY 130

LAT: N 39°38'15.51"
LONG: W 88°10'36.66"


JEROME A. & JOAN K. WILLENBORG PID: 12-0-00684-000
45' RIGHT-OF-WAY EASEMENT FOR PUBLIC ROADS PURPOSES BOOK 225, PAGE 84
696
IL-CLW-002
23000370215-02
LINDA J. GRISMER TRUST
PID: 12-0-00700-000, 12-0-00701-000
INST. NO. 666996
PROTECT EXISTING POWER POLE
WIND ENERGY LEASE AGREEMENT, DOCUMENT NUMBER 20200079
698
EXTEND EXISTING CULVERT APPROXIMATELY 100' . ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
PROTECT EXISTING POWER POLE
POH
DL
281'
COUNTY ROAD 1800N
GL
EXISTING OVERHEAD POWER CROSSING
105'
R122'
R77'
698
50' APPARENT ROAD RIGHT-OF-WAY
R150'
50'
IT IS ASSUMED O&M WILL BE CONSTRUCTED POST-DELIVERY. SHOULD SCHEDULE OR PHASING CHANGE, CONTACT EOR
EXISTING OVERHEAD POWER CROSSING
698
700
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
PROPOSED O&M (9.15 AC) (SEE SHEET C333)
79'
700
702
700
STATE HIGHWAY 130
IL-CLW-013
23000370215-13
PATRICIA A. SAGE, TRUSTEE OF THE MOODY IRREVOCABLE TRUST #8856
PID: 12-0-00745-002
DOC. NO. 201900782215
DARE RALPH E. MRS
PID: 12-0-00759-000

LEGEND:

━━━	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▒	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▭	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - -	EASEMENT LINES
900	EX. INDEX CONTOUR
- -	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
— - —	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
🟨	EX. SANDPIPER HABITAT
🟪	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
🟪	PROPOSED FACILITIES
■	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

*CONTRACTOR AND OWNER TO CONFIRM PERMITTING REQUIREMENTS FOR WORK WITHIN RIGHT-OF-WAY CONFLICTING WITH NON-PARTICIPATING LAND. IT IS ASSUME ALL WORK WITHIN RIGHT OF WAY IS PERMITTED

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10. CONFIRM TEMPORARY CULVERT END TREATMENTS AND MATERIALS WITH APPROPRIATE JURISDICTION.
11. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERTS TO BE REMOVED, AND ALL DISTURBED AREAS STABILIZED AND RESTORED TO NATIVE CONDITIONS.
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13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

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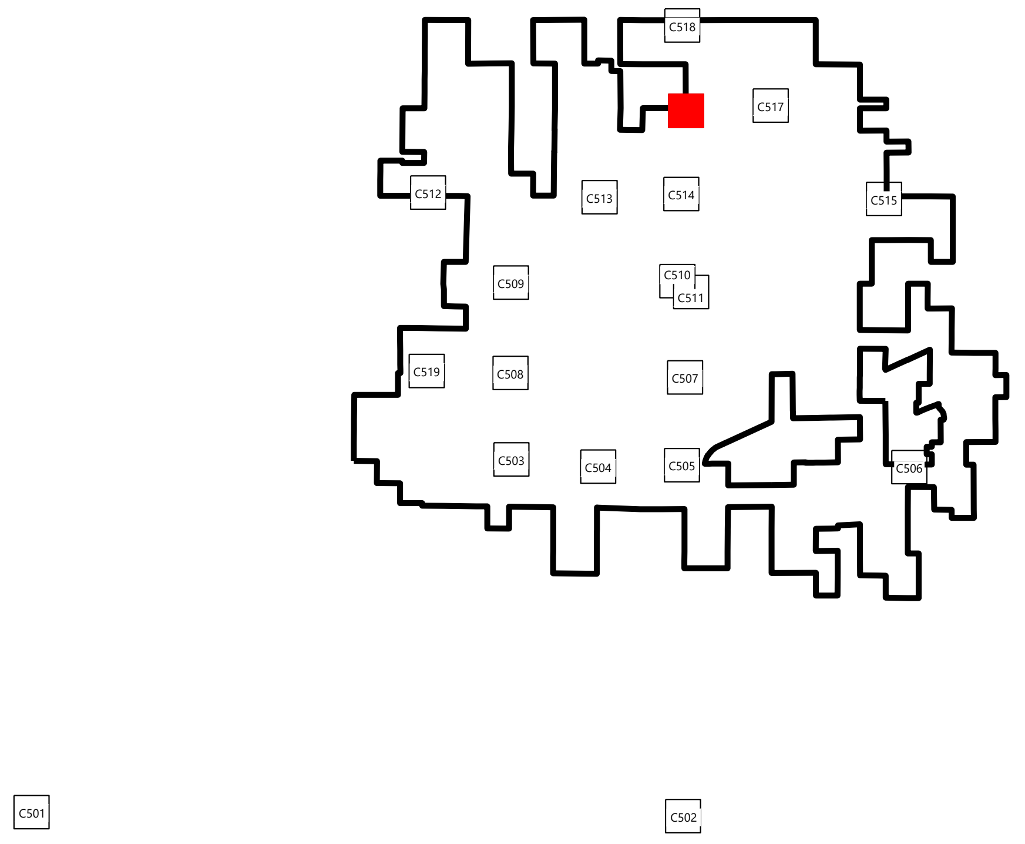
KEYMAP:



0' 50' 100' 150'

Westwood

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Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 18 & 19

ISSUED FOR CONSTRUCTION

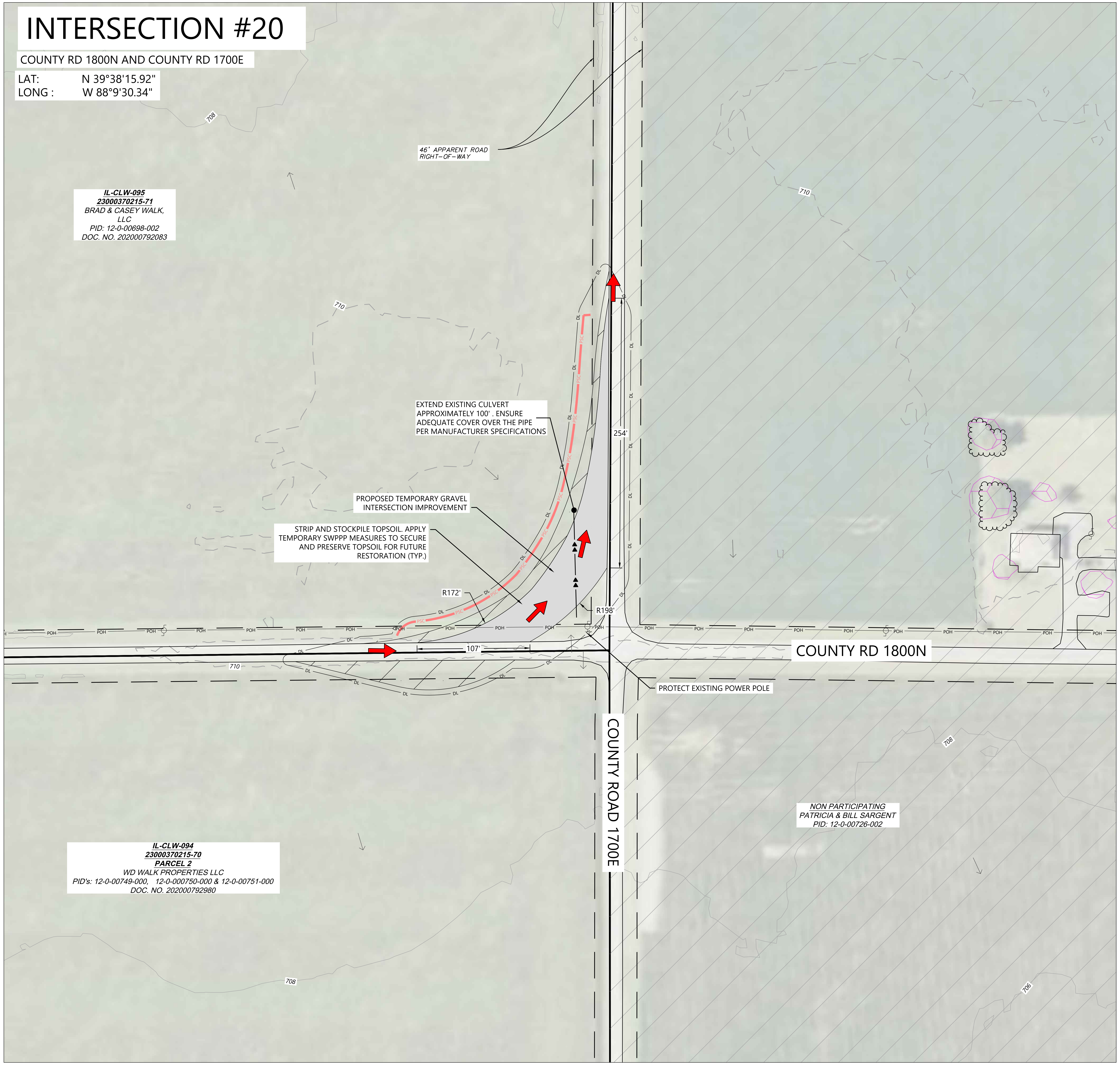
DATE: 10/14/2025

SHEET: C516 REV: 5

INTERSECTION #20

COUNTY RD 1800N AND COUNTY RD 1700E

LAT: N 39°38'15.92"
LONG : W 88°9'30.34"


46' APPARENT ROAD RIGHT-OF-WAY
IL-CLW-095
23000370215-71
BRAD & CASEY WALK, LLC
PID: 12-0-00698-002
DOC. NO. 202000792083
EXTEND EXISTING CULVERT APPROXIMATELY 100' . ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
254'
R172'
R198'
107'
COUNTY RD 1800N
COUNTY ROAD 1700E
PROTECT EXISTING POWER POLE
IL-CLW-094
23000370215-70
PARCEL 2
WD WALK PROPERTIES LLC
PID's: 12-0-00749-000, 12-0-000750-000 & 12-0-00751-000
DOC. NO. 202000792980
NON PARTICIPATING
PATRICIA & BILL SARGENT
PID: 12-0-00726-002
DL
PSC
POH
708
710
706

LEGEND:

▬	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▨	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▨	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - -	EASEMENT LINES
900	EX. INDEX CONTOUR
- - -	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
— - —	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
▭	EX. WETLAND
▭	EX. 50' WETLAND BUFFER
🟨	EX. SANDPIPER HABITAT
🟪	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
🟪	PROPOSED FACILITIES
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PSC	PERIMETER SEDIMENT CONTROL
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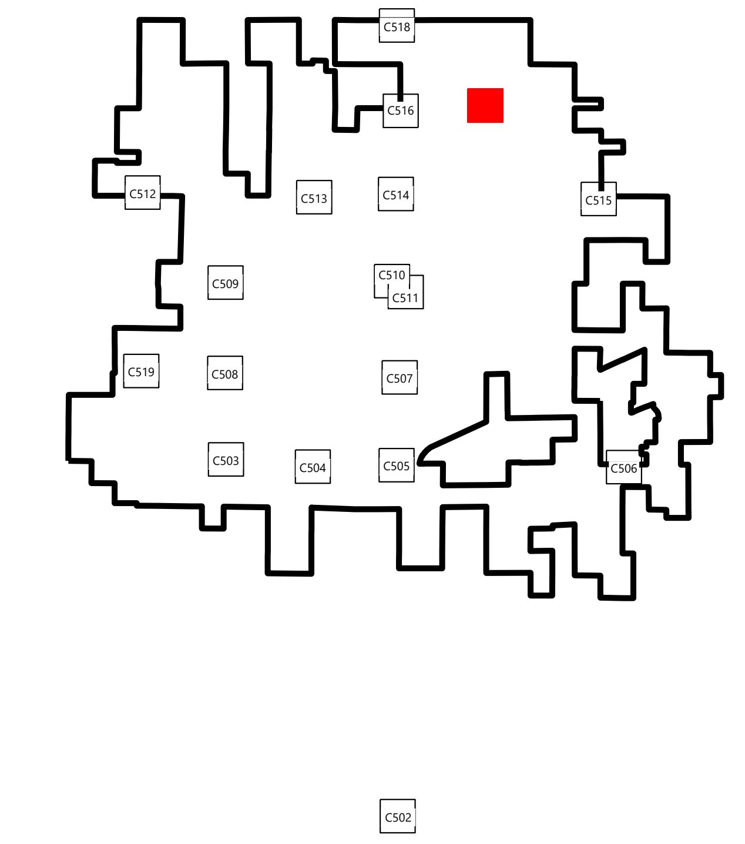
KEYMAP:



Westwood

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PAIGE R. MORTENSON
062-077157
10/14/25
Paige Mortenson
Exp: 11/30/25

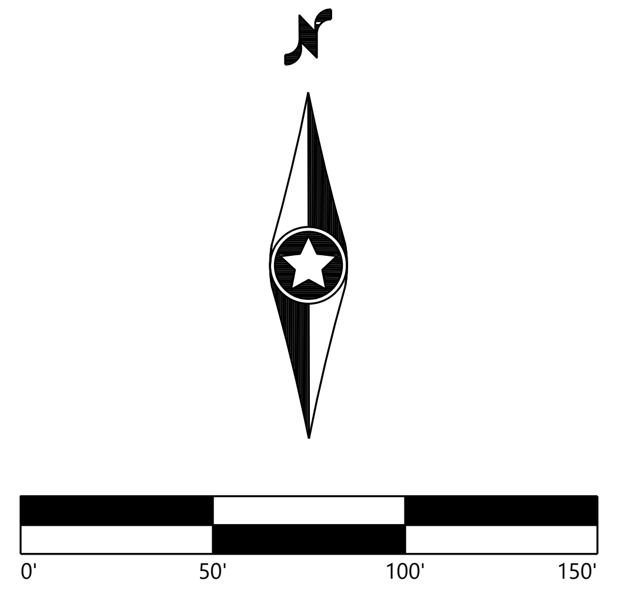
PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM



Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 20

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

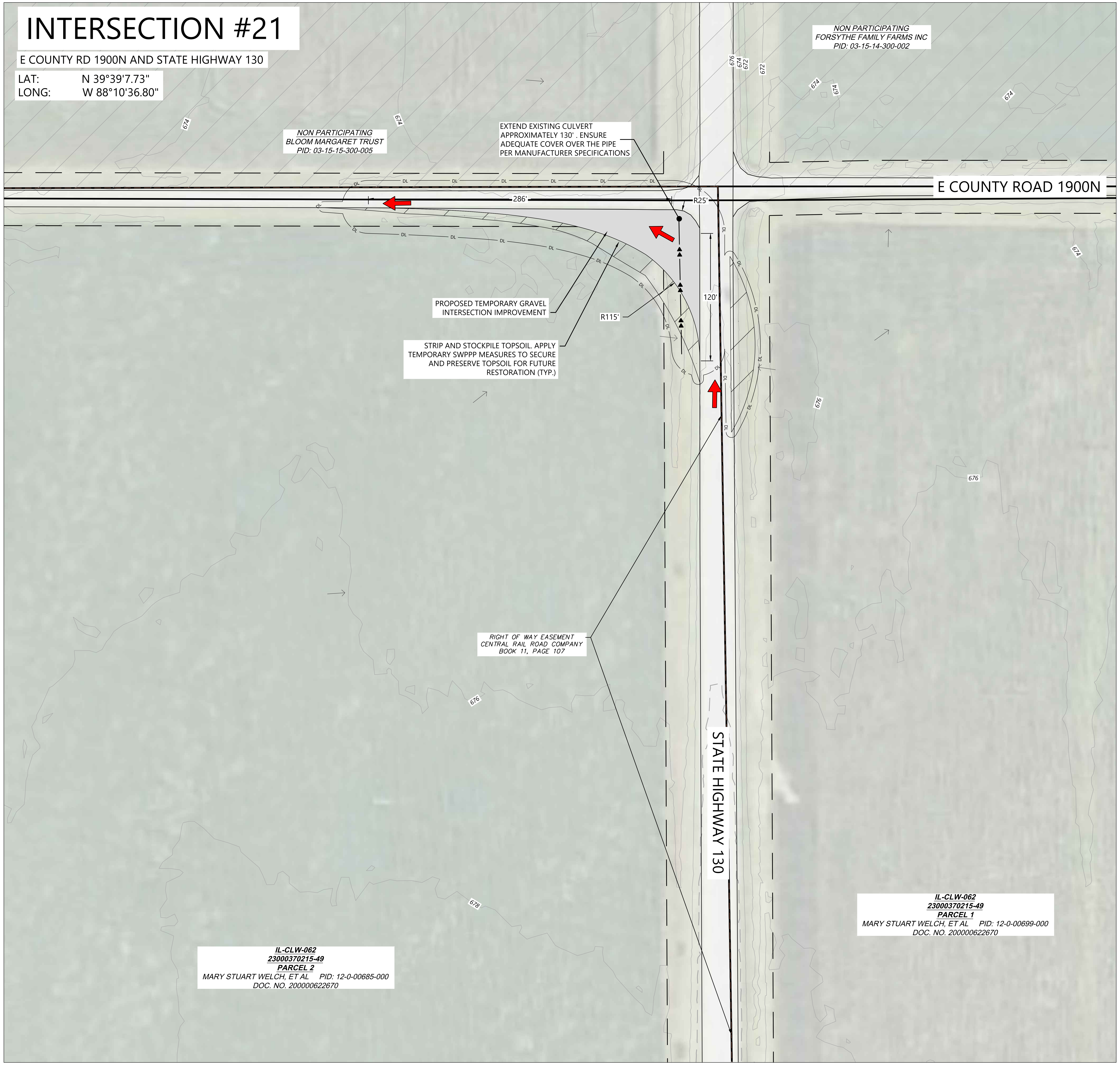
SHEET: C517 REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:55 PM Sofia Lara Carrillo

INTERSECTION #21

E COUNTY RD 1900N AND STATE HIGHWAY 130

LAT: N 39°39'7.73"
LONG: W 88°10'36.80"


NON PARTICIPATING
FORSYTHE FAMILY FARMS INC
PID: 03-15-14-300-002
NON PARTICIPATING
BLOOM MARGARET TRUST
PID: 03-15-15-300-005
EXTEND EXISTING CULVERT APPROXIMATELY 130'. ENSURE ADEQUATE COVER OVER THE PIPE PER MANUFACTURER SPECIFICATIONS
E COUNTY ROAD 1900N
286'
R25'
120'
R115'
PROPOSED TEMPORARY GRAVEL INTERSECTION IMPROVEMENT
STRIP AND STOCKPILE TOPSOIL. APPLY TEMPORARY SWPPP MEASURES TO SECURE AND PRESERVE TOPSOIL FOR FUTURE RESTORATION (TYP.)
RIGHT OF WAY EASEMENT
CENTRAL RAIL ROAD COMPANY
BOOK 11, PAGE 107
STATE HIGHWAY 130
IL-CLW-062
23000370215-49
PARCEL 1
MARY STUART WELCH, ET AL PID: 12-0-00699-000
DOC. NO. 200000622670
IL-CLW-062
23000370215-49
PARCEL 2
MARY STUART WELCH, ET AL PID: 12-0-00685-000
DOC. NO. 200000622670
674
676
672
678
DL

LEGEND:

▬	PARCEL LINES
➡	DELIVERY ROUTE (INGRESS)
▨	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▨	NON-PARTICIPATING LAND*
— —	RIGHT-OF-WAY LINES
- - -	EASEMENT LINES
900	EX. INDEX CONTOUR
- - -	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
— - —	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
— · · —	EX. STREAM CHANNEL
▶▶	PROPOSED TEMPORARY CULVERT
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☐	EX. 50' WETLAND BUFFER
🟨	EX. SANDPIPER HABITAT
🟪	EX. BAT HABITAT
▨	PROPOSED BLADE SWING AREA
🟪	PROPOSED FACILITIES
▬	PROPOSED TEMPORARY CULVERT
PSC	PERIMETER SEDIMENT CONTROL
→	FLOW ARROW

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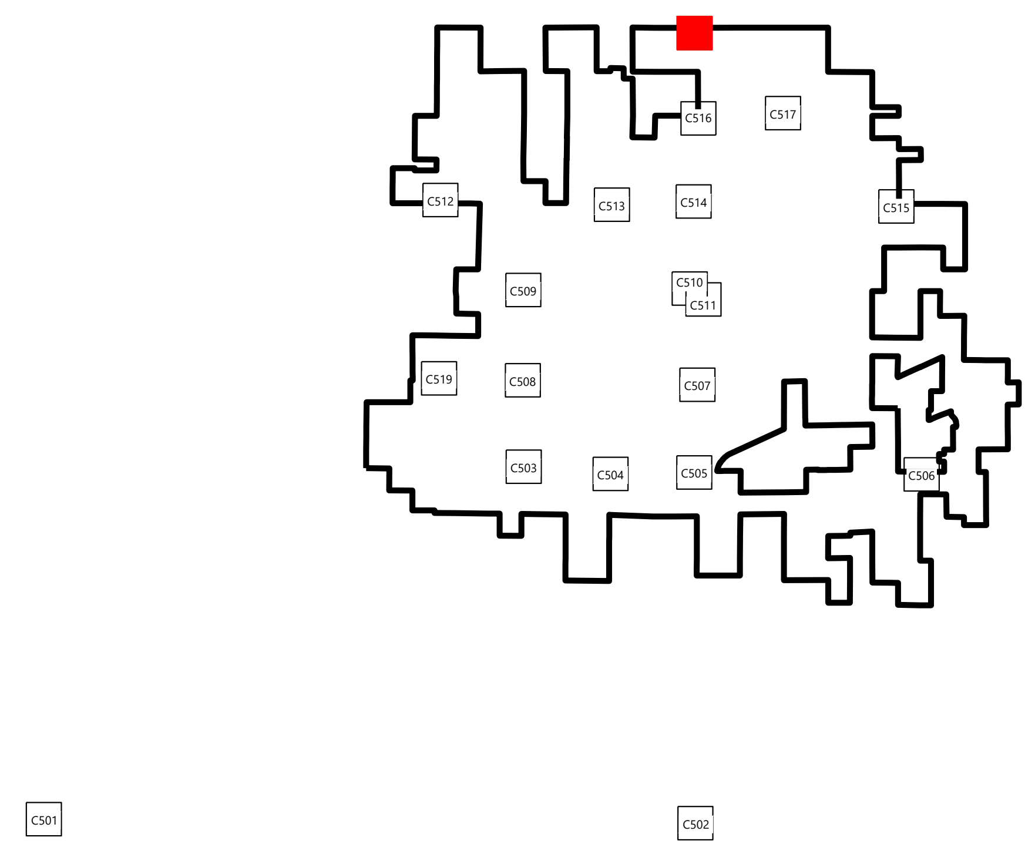
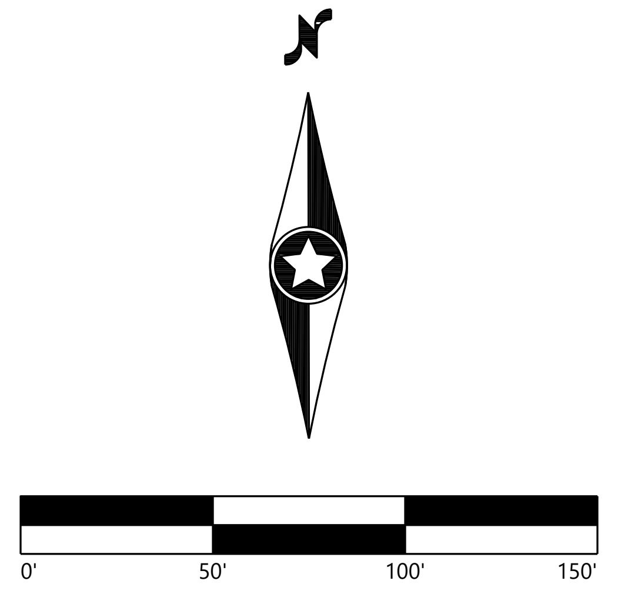
KEYMAP:





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PREPARED FOR:

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REVISIONS:

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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Public Improvement
Intersection - 21

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

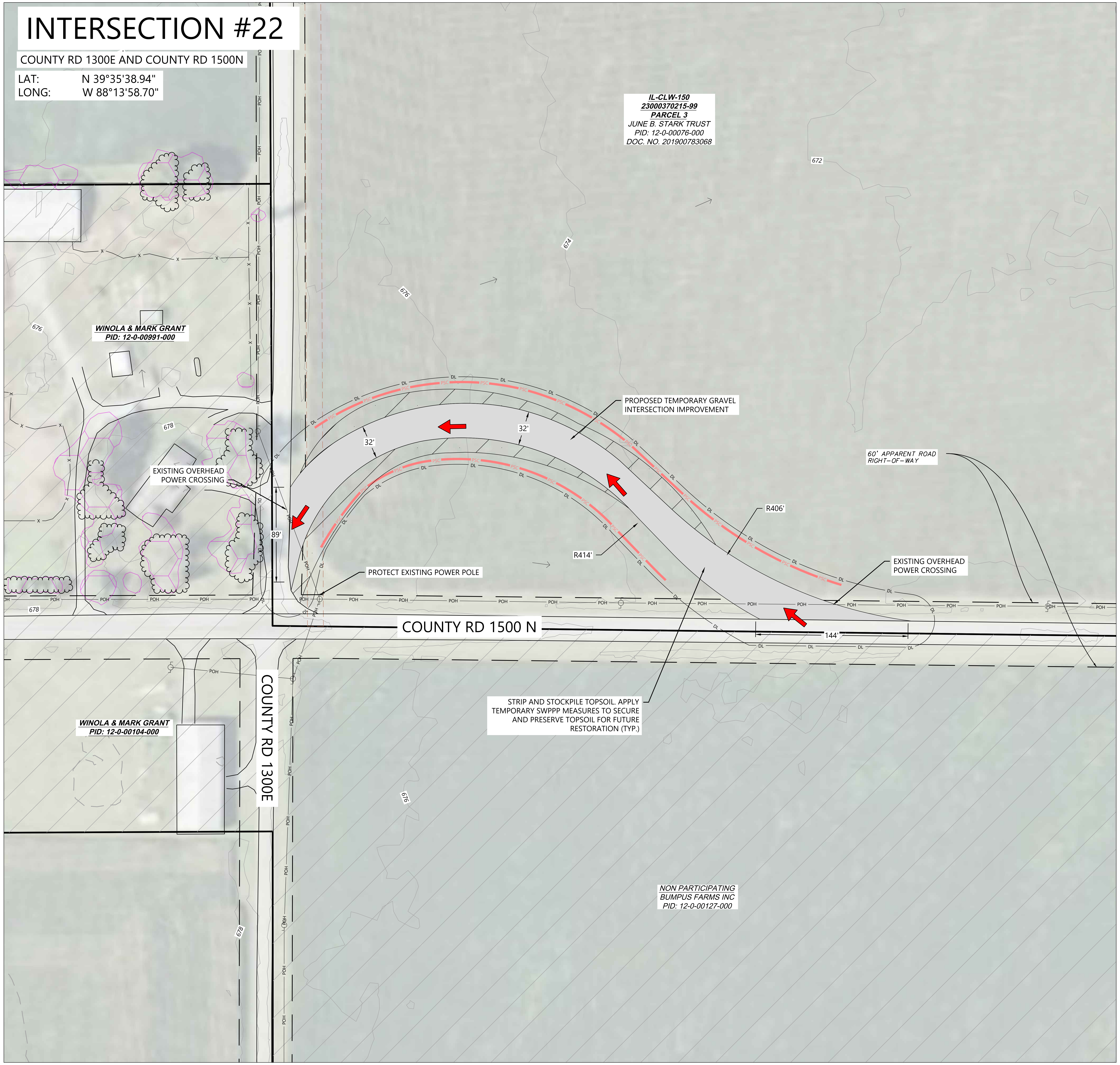
SHEET: C518 REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:56 PM Sofia Lara Carrillo

INTERSECTION #22

COUNTY RD 1300E AND COUNTY RD 1500N

LAT: N 39°35'38.94"
LONG: W 88°13'58.70"



LEGEND:

	PARCEL LINES
→	DELIVERY ROUTE (INGRESS)
▨	TEMPORARY INTERSECTION IMPROVEMENT
P-PUG	UNDERGROUND COLLECTION
DL	DISTURBANCE LIMITS
GL	GRADING LIMITS
▨	NON-PARTICIPATING LAND*
	RIGHT-OF-WAY LINES
	EASEMENT LINES
900	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
900	PROPOSED INDEX CONTOUR
902	PROPOSED INTERVAL CONTOUR
	EX. ROAD CENTERLINE
STO	EX. CULVERT
POH	EX. OVERHEAD POWER
	EX. STREAM CHANNEL
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	EX. WETLAND
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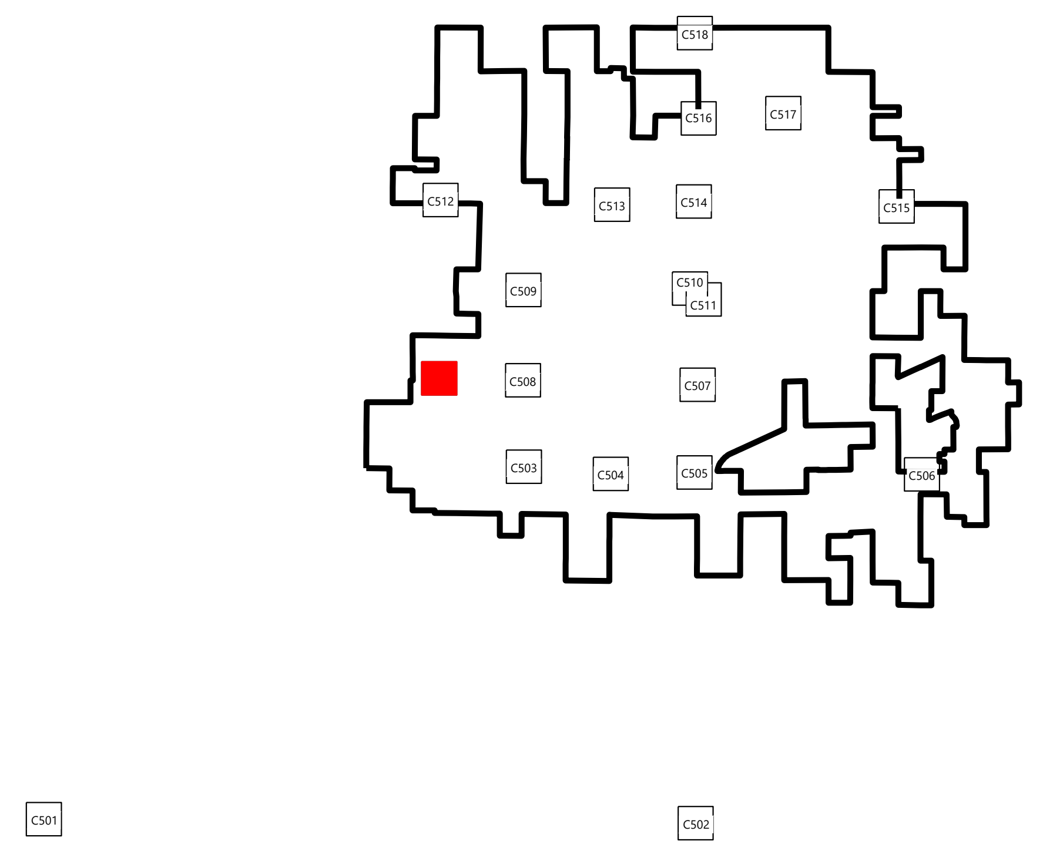
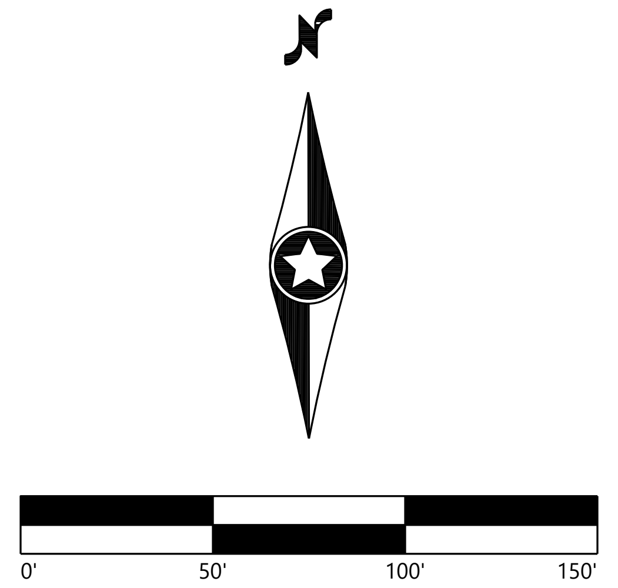
13. REFER TO SHEET C701 FOR THE TEMPORARY AGGREGATE STRUCTURAL SECTION.

EROSION AND SEDIMENT CONTROL NOTES:

1. REFER TO THE CONSTRUCTION STORMWATER PERMIT, THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND SHEET C715 FOR ADDITIONAL INFORMATION.
2. BEST MANAGEMENT PRACTICES (BMPS) INCLUDING PERIMETER SEDIMENT CONTROLS (PSC), TEMPORARY AND PERMANENT STABILIZATION OF DISTURBED SOILS, AND CONSTRUCTION PHASING SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
3. QUALIFIED, TRAINED, AND COMPETENT PERSONNEL SHALL BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
4. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECASSARY.
5. REFER TO SHEETS C707-C710 FOR TYPICAL BMP APPLICATIONS INCLUDING:
    - 5.1. PERIMETER SEDIMENT CONTROLS (PSC) ALONG CONSTRUCTION PERIMETER
    - 5.2. SOIL STABILIZATION OF DISTURBED SOIL AREAS
    - 5.3. CHANNEL STABILIZATION OF CONCENTRATED FLOW AREAS

KEYMAP:





Westwood

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PREPARED FOR:

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

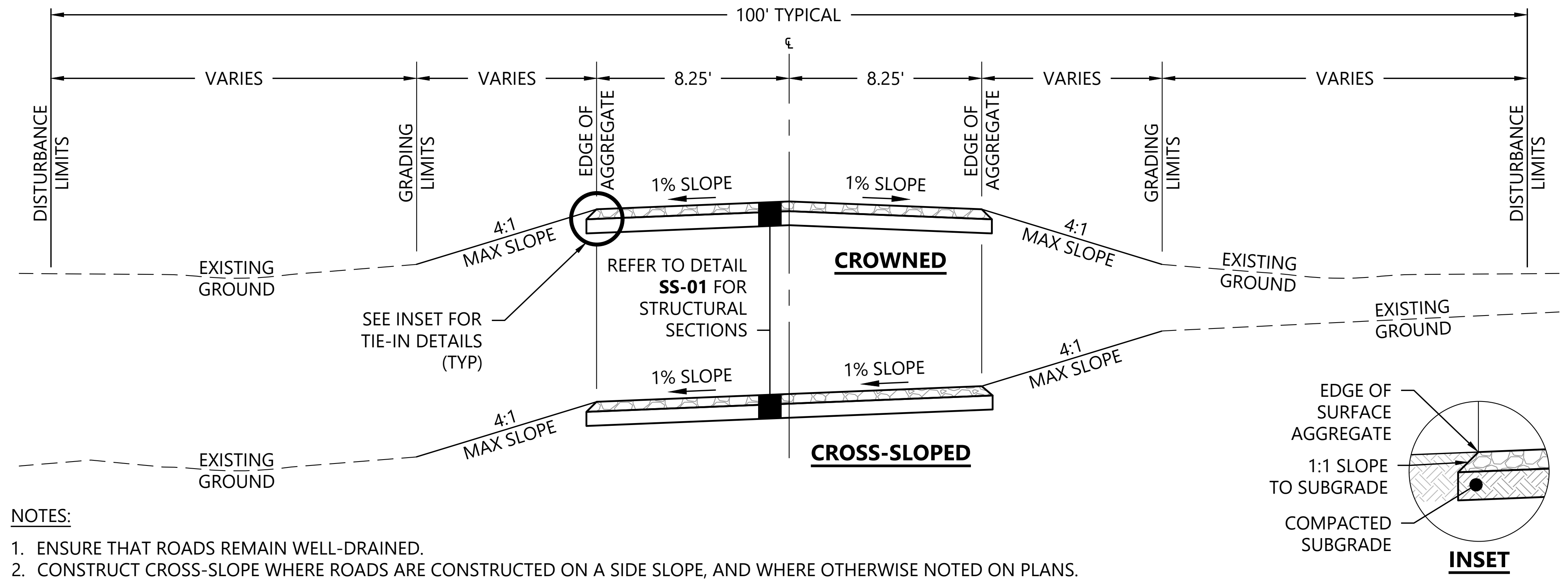
Public Improvement
Intersection - 22

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C519 REV: 5

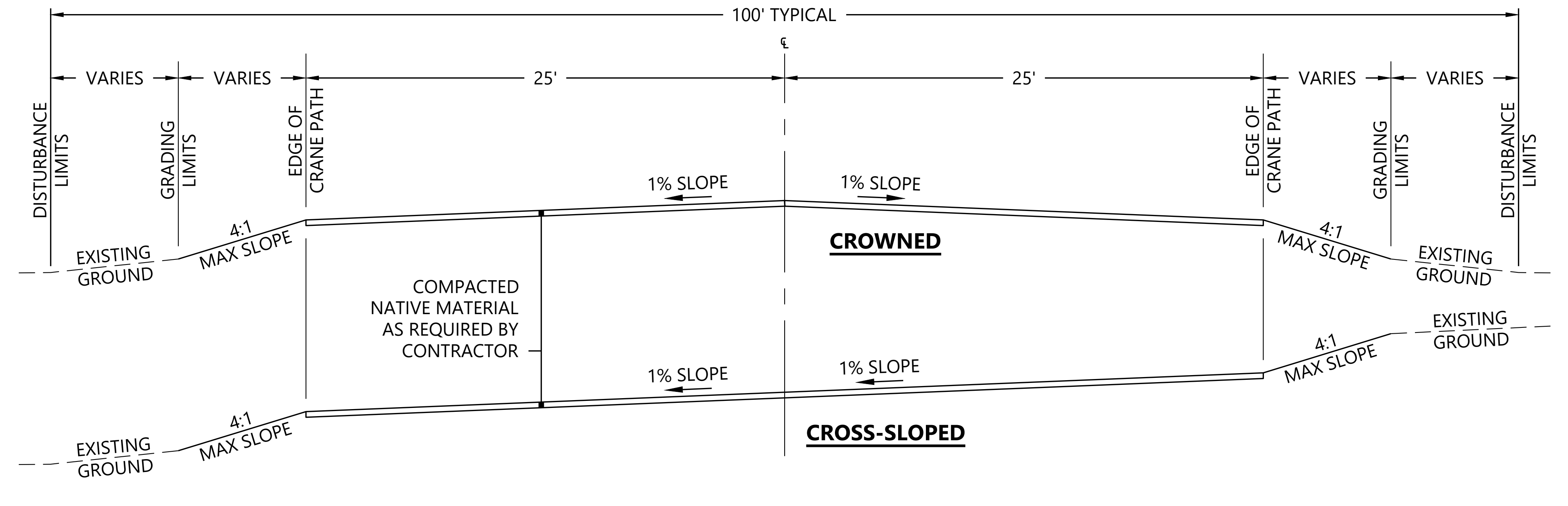
\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-INT.dwg 10/14/2025 2:58 PM Sofia Lara Carrillo



NOTES:

1. ENSURE THAT ROADS REMAIN WELL-DRAINED.
2. CONSTRUCT CROSS-SLOPE WHERE ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
3. SLOPES SHOWN ARE TYPICAL. SOME ROAD LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
4. CROWN/CROSS SLOPE IS 1% TYPICAL (2% MAXIMUM).
5. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS, EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES. IF THIS OCCURS, CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE.
6. ALL DISTURBED GROUND NOT COVERED WITH AGGREGATE SHALL BE STABILIZED PER THE NPDES PERMIT.
7. PERMANENT SLOPES IN AGRICULTURAL AREAS MAY REQUIRE REMEDIATION TO MINIMIZE AGRICULTURAL IMPACTS. COORDINATE REQUIREMENTS WITH OWNER.

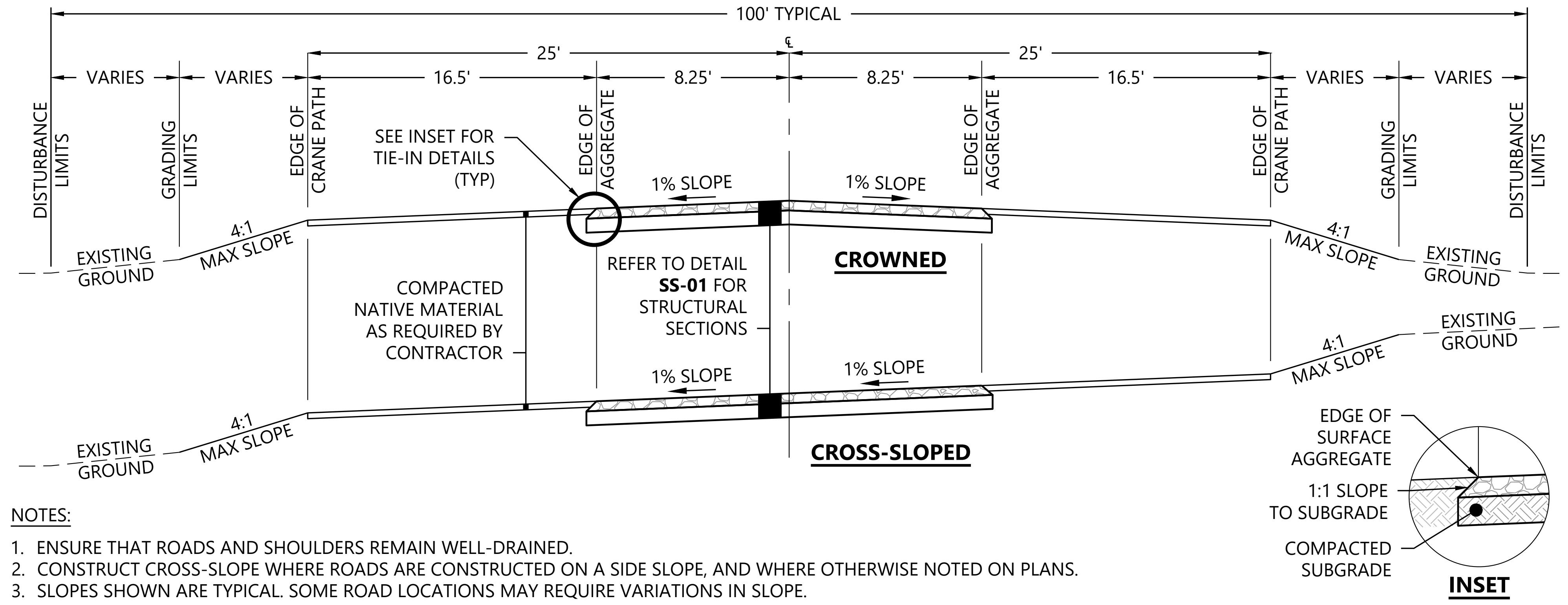
Westwood | TYPICAL ACCESS ROAD | NOT TO SCALE | **RD-01**



NOTES:

1. ENSURE THAT CRANE PATHS REMAIN WELL-DRAINED.
2. CONSTRUCT CROSS-SLOPE WHERE CRANE PATHS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
3. SLOPES SHOWN ARE TYPICAL. SOME LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
4. CROWN/CROSS SLOPE IS 1% MAXIMUM FOR CRANE TRAVEL.
5. ALL DISTURBED GROUND SHALL BE STABILIZED PER THE NPDES PERMIT.
6. PERMANENT SLOPES IN AGRICULTURAL AREAS MAY REQUIRE REMEDIATION TO MINIMIZE AGRICULTURAL IMPACTS. COORDINATE REQUIREMENTS WITH OWNER.

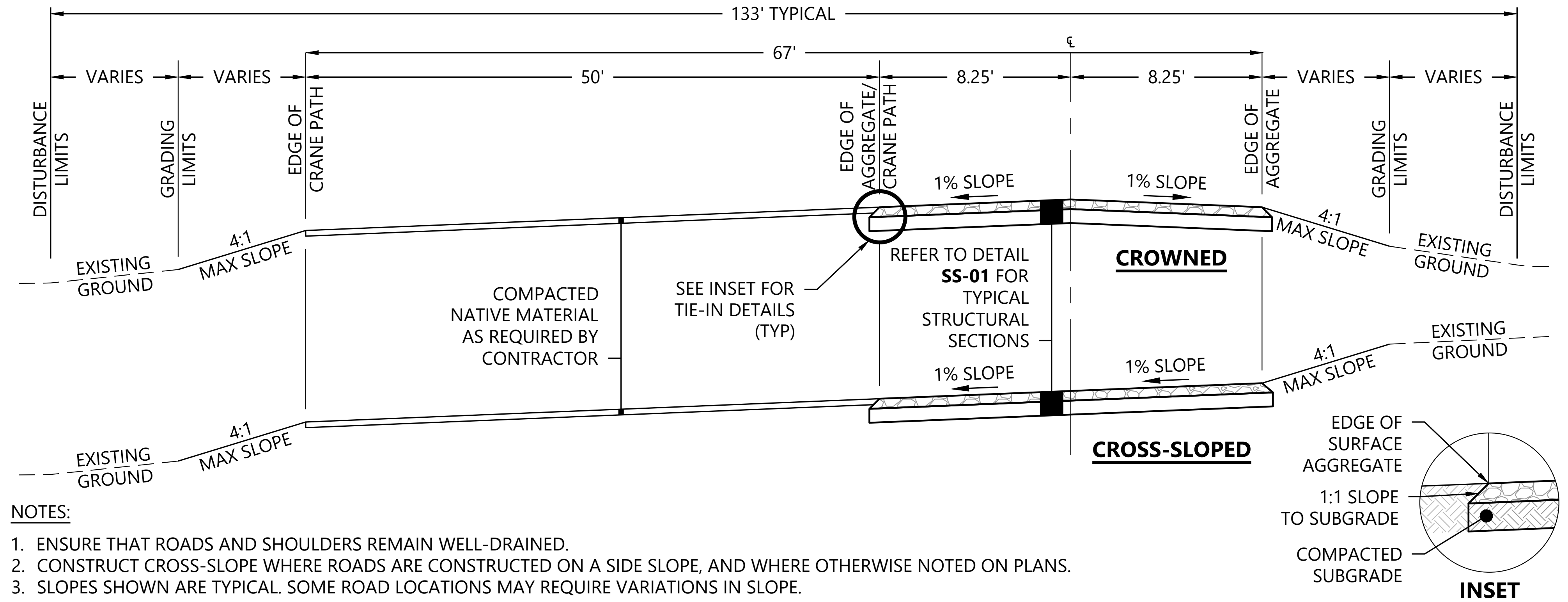
Westwood | TYPICAL CRANE PATH | NOT TO SCALE | **RD-02**



NOTES:

1. ENSURE THAT ROADS AND SHOULDERS REMAIN WELL-DRAINED.
2. CONSTRUCT CROSS-SLOPE WHERE ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
3. SLOPES SHOWN ARE TYPICAL. SOME ROAD LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
4. CROWN/CROSS SLOPE IS 1% MAXIMUM FOR CRANE TRAVEL.
5. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS, EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES. IF THIS OCCURS, CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE.
6. ALL DISTURBED GROUND NOT COVERED WITH AGGREGATE SHALL BE STABILIZED PER THE NPDES PERMIT.
7. PERMANENT SLOPES IN AGRICULTURAL AREAS MAY REQUIRE REMEDIATION TO MINIMIZE AGRICULTURAL IMPACTS. COORDINATE REQUIREMENTS WITH OWNER.

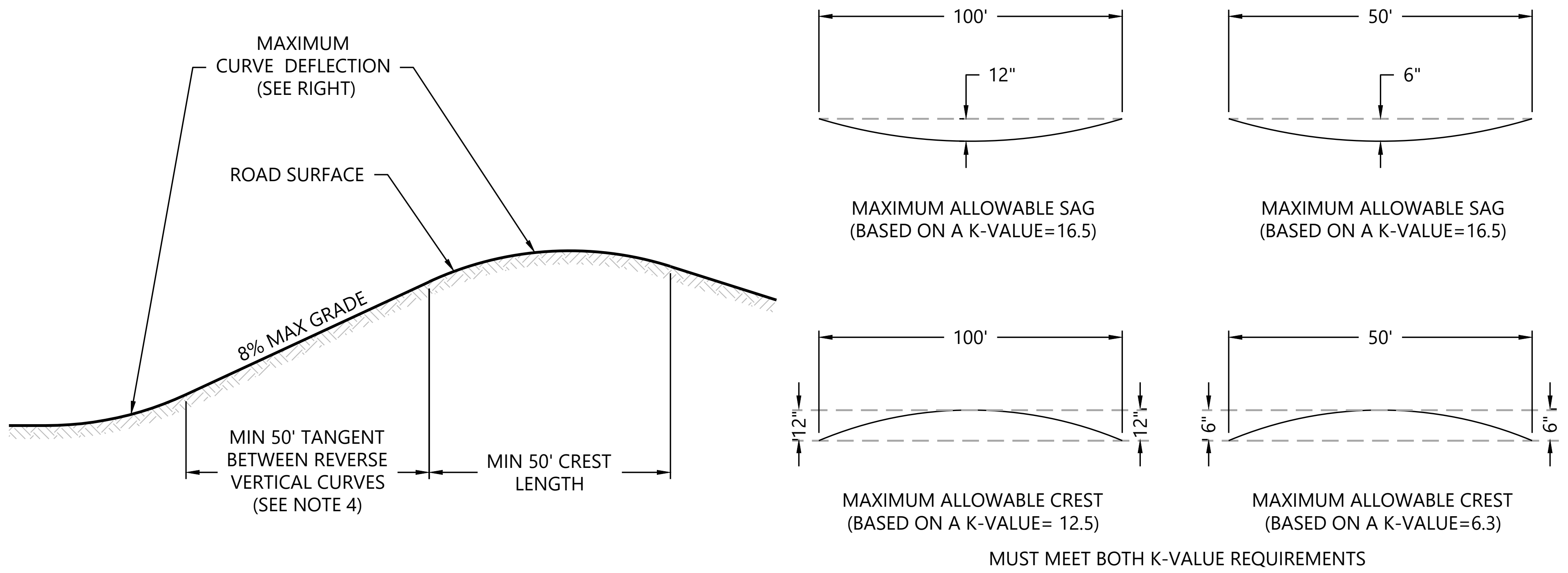
Westwood | TYPICAL ACCESS ROAD AND CRANE PATH | NOT TO SCALE | **RD-03**



NOTES:

1. ENSURE THAT ROADS AND SHOULDERS REMAIN WELL-DRAINED.
2. CONSTRUCT CROSS-SLOPE WHERE ROADS ARE CONSTRUCTED ON A SIDE SLOPE, AND WHERE OTHERWISE NOTED ON PLANS.
3. SLOPES SHOWN ARE TYPICAL. SOME ROAD LOCATIONS MAY REQUIRE VARIATIONS IN SLOPE.
4. CROWN/CROSS SLOPE IS 1% MAXIMUM FOR CRANE TRAVEL.
5. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS, EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES. IF THIS OCCURS, CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE.
6. ALL DISTURBED GROUND NOT COVERED WITH AGGREGATE SHALL BE STABILIZED PER THE NPDES PERMIT.
7. PERMANENT SLOPES IN AGRICULTURAL AREAS MAY REQUIRE REMEDIATION TO MINIMIZE AGRICULTURAL IMPACTS. COORDINATE REQUIREMENTS WITH OWNER.

Westwood | TYPICAL ACCESS ROAD AND OFFSET CRANE PATH | NOT TO SCALE | **RD-04**


MAXIMUM CURVE DEFLECTION (SEE RIGHT)
ROAD SURFACE
8% MAX GRADE
MIN 50' TANGENT BETWEEN REVERSE VERTICAL CURVES (SEE NOTE 4)
MIN 50' CREST LENGTH
100'
12"
50'
6"
100'
12"
12"
50'
6"
6"

MAXIMUM ALLOWABLE SAG (BASED ON A K-VALUE=16.5)

MAXIMUM ALLOWABLE SAG (BASED ON A K-VALUE=16.5)

MAXIMUM ALLOWABLE CREST (BASED ON A K-VALUE= 12.5)

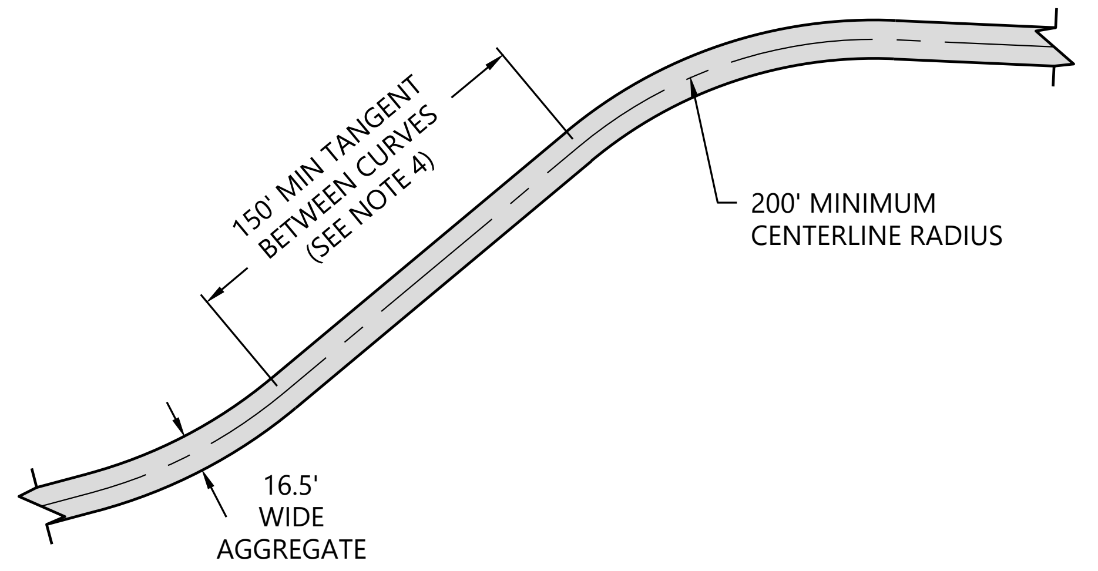
MAXIMUM ALLOWABLE CREST (BASED ON A K-VALUE=6.3)

MUST MEET BOTH K-VALUE REQUIREMENTS

NOTES:

1. THESE REQUIREMENTS APPLY TO THE TURBINE COMPONENT DELIVERY ROUTE (INCLUDING PUBLIC AND PRIVATE ROADS WHERE APPLICABLE).
2. LOCALIZED ANOMALIES IN THE ROAD SURFACE THAT ARE ENCOUNTERED OR CREATED DURING CONSTRUCTION SHALL MEET THE DEFLECTION REQUIREMENTS.
3. ROAD GRADE SHALL NOT EXCEED THE MAXIMUM WITHOUT OWNER APPROVAL AND ASSIST VEHICLES MAY BE REQUIRED.
4. MINIMUM 50' TANGENT RECOMMENDED AS A BEST PRACTICE.

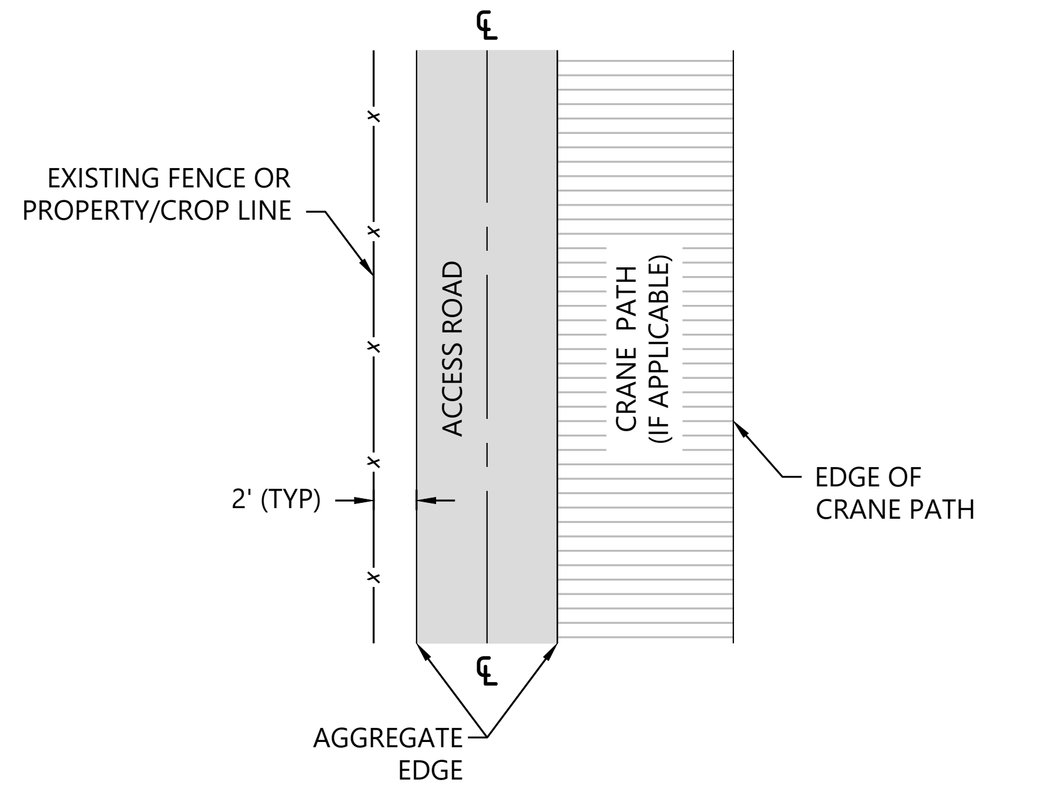
Westwood | TURBINE DELIVERY ROADS - VERTICAL REQUIREMENTS | NOT TO SCALE | **RD-10**


150' MIN TANGENT BETWEEN CURVES (SEE NOTE 4)
200' MINIMUM CENTERLINE RADIUS
16.5' WIDE AGGREGATE

NOTES:

1. ACCESS ROADS SHOWN ON PLAN SHEETS REPRESENT PERMANENT AGGREGATE, UNLESS OTHERWISE NOTED.
2. SOME RADII MAY REQUIRE ADDITIONAL SOIL COMPACTION OR AGGREGATE BEYOND THE WIDTH SHOWN ABOVE TO ACCOMMODATE TRACTORS OR TRAILERS TRACKING OFF THE ACCESS ROAD DURING DELIVERY OF COMPONENTS. CONTRACTOR TO VERIFY WITH TURBINE TRANSPORTATION SUPPLIER.
3. THE PERMANENT RADIUS MAY BE LESS THAN THE SPECIFIED MINIMUM WHERE TEMPORARY AGGREGATE WIDENING IS UTILIZED. VERIFY WITH THE CIVIL ENGINEER.
4. MINIMUM 150' TANGENT RECOMMENDED AS A BEST PRACTICE TO ALLOW DELIVERY VEHICLES TO NAVIGATE CURVES AND MINIMIZE TEMPORARY AGGREGATE WIDENING.

Westwood | TURBINE DELIVERY ROADS - HORIZONTAL REQUIREMENTS | NOT TO SCALE | **RD-11**


℄
EXISTING FENCE OR PROPERTY/CROP LINE
ACCESS ROAD
CRANE PATH (IF APPLICABLE)
2' (TYP)
EDGE OF CRANE PATH
℄
AGGREGATE EDGE

NOTES:

1. CRANE PATH SHALL BE DECOMPACTED AND STABILIZED AS DESCRIBED IN THE NPDES PERMIT FOLLOWING CRANE ACTIVITIES.
2. THE ACCESS ROAD MAY NEED TO BE CONSTRUCTED FARTHER FROM THE PROPERTY LINE IF OBSTRUCTIONS SUCH AS TREES FOLLOW THE PROPERTY LINE, OR IF CULVERT EMBANKMENTS WOULD OTHERWISE ENCROACH ACROSS THE PROPERTY LINE.

Westwood | TURBINE ACCESS ROAD ALONG FENCE/PROPERTY/CROP LINE | NOT TO SCALE | **RD-12**

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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 1

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C700

REV: 5

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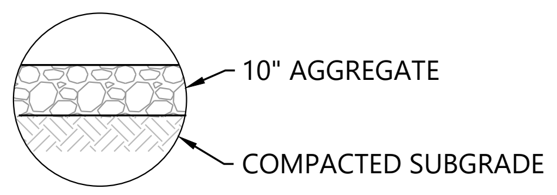
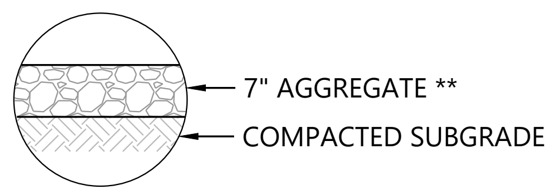
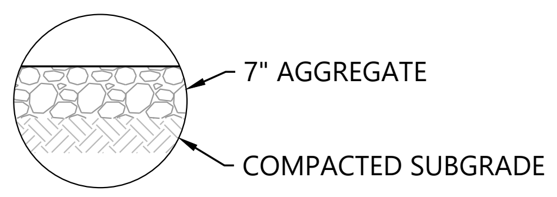


OPTION 1:
ACCESS ROAD SECTION

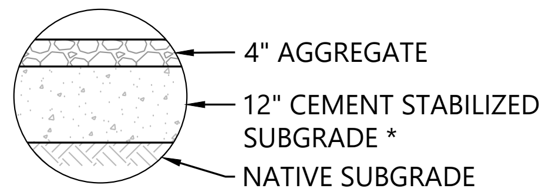


** ELECTRICAL DESIGNER MAY SPECIFY SPECIAL AGGREGATE TO ADDRESS "STEP AND TOUCH". VERIFY AGGREGATE RING SPECIFICATION WITH ELECTRICAL DESIGNER.

AGGREGATE RING SECTION

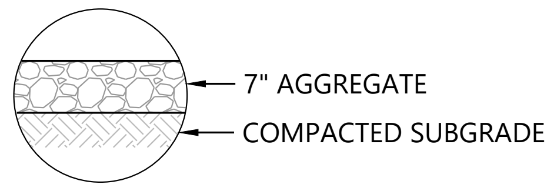


SPUR ROAD / MET TOWER ROAD SECTION



* CEMENT APPLICATION RATE MAY VARY BASED ON TEST STRIPS AND FIELD PERFORMANCE. REFER TO CEMENT STABILIZATION SPECIFICATION.

OPTION 2:
CEMENT STABILIZED ACCESS ROAD SECTION

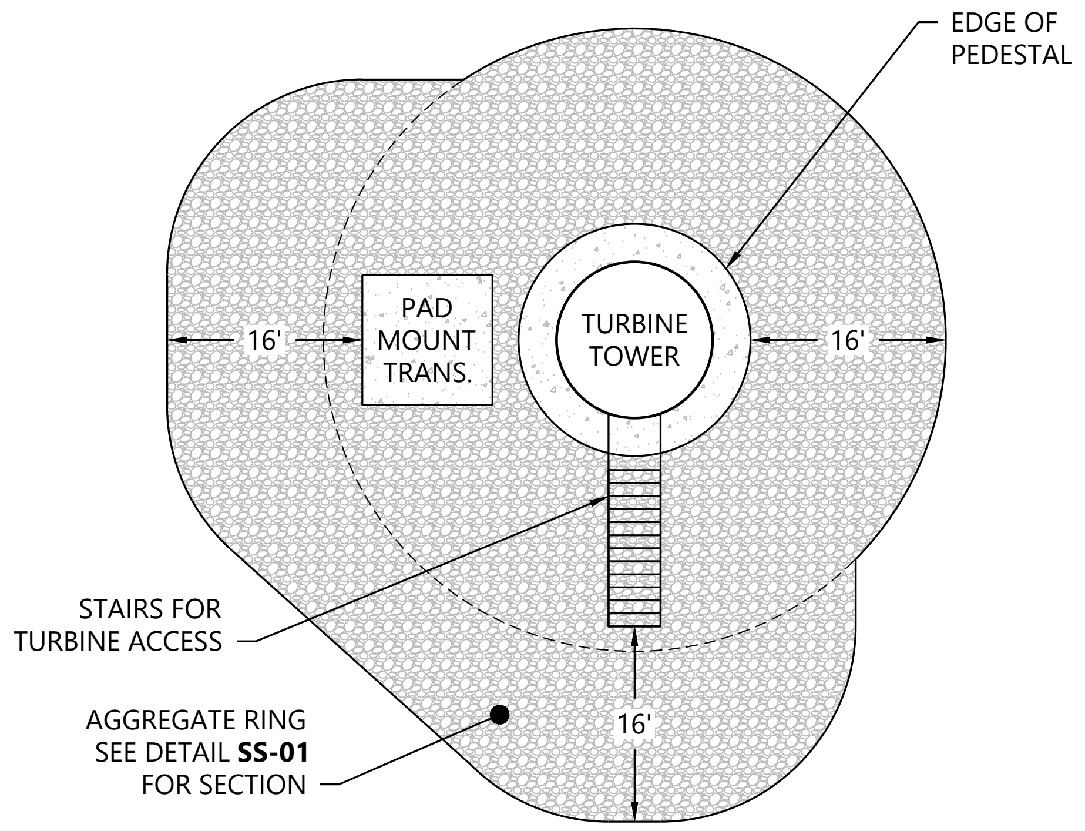


TEMPORARY RADIUS SECTION

NOTES:

1. REFER TO CONSTRUCTION SPECIFICATIONS, AGGREGATE REQUIREMENTS, AND TESTING REQUIREMENTS.
2. STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION DURING UNUSUALLY WET PERIODS, IN LOW/WET AREAS OR SOFT SOILS.

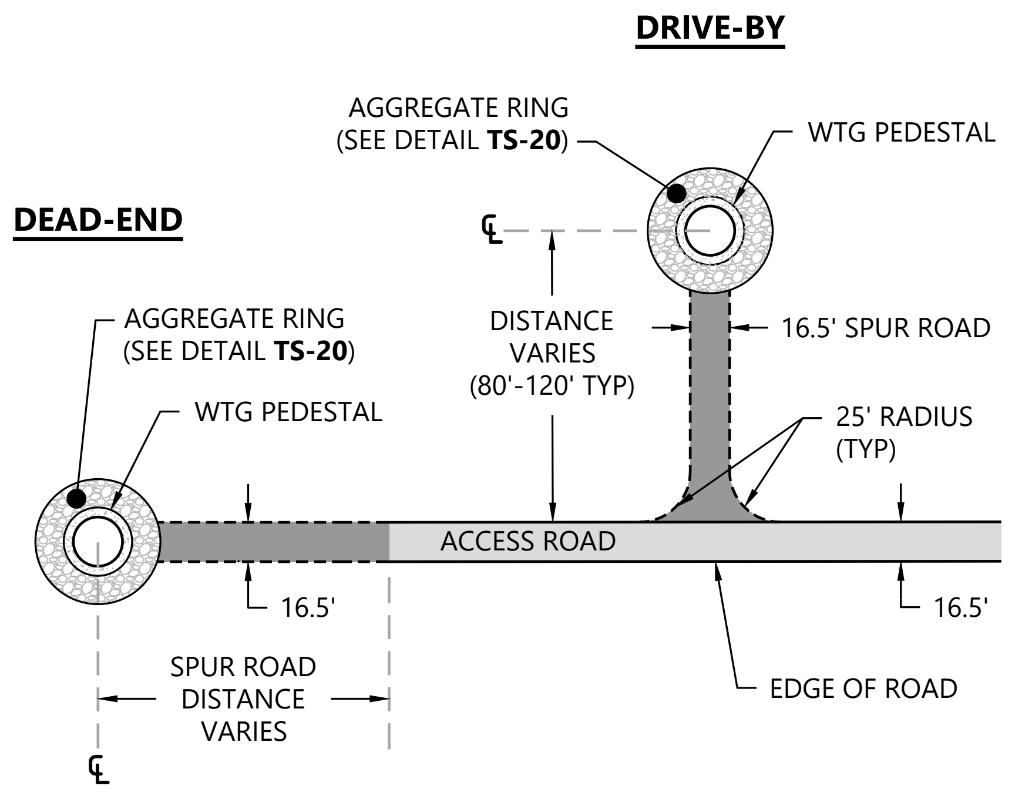
Westwood | STRUCTURAL CROSS SECTIONS | NOT TO SCALE | SS-01


EDGE OF PEDESTAL
PAD MOUNT TRANS.
TURBINE TOWER
16'
16'
STAIRS FOR TURBINE ACCESS
AGGREGATE RING SEE DETAIL SS-01 FOR SECTION
16'

NOTES:

1. STEP AND TOUCH REQUIREMENTS TO BE CONFIRMED BY ELECTRICAL ENGINEER.
2. COORDINATE WITH PROJECT DEVELOPER FOR ORIENTATION OF STAIRS AND PAD MOUNT TRANSFORMER.
3. COORDINATE WITH TRANSFORMER MANUFACTURER/ELECTRICAL PLANS FOR BOLLARD PLACEMENT.

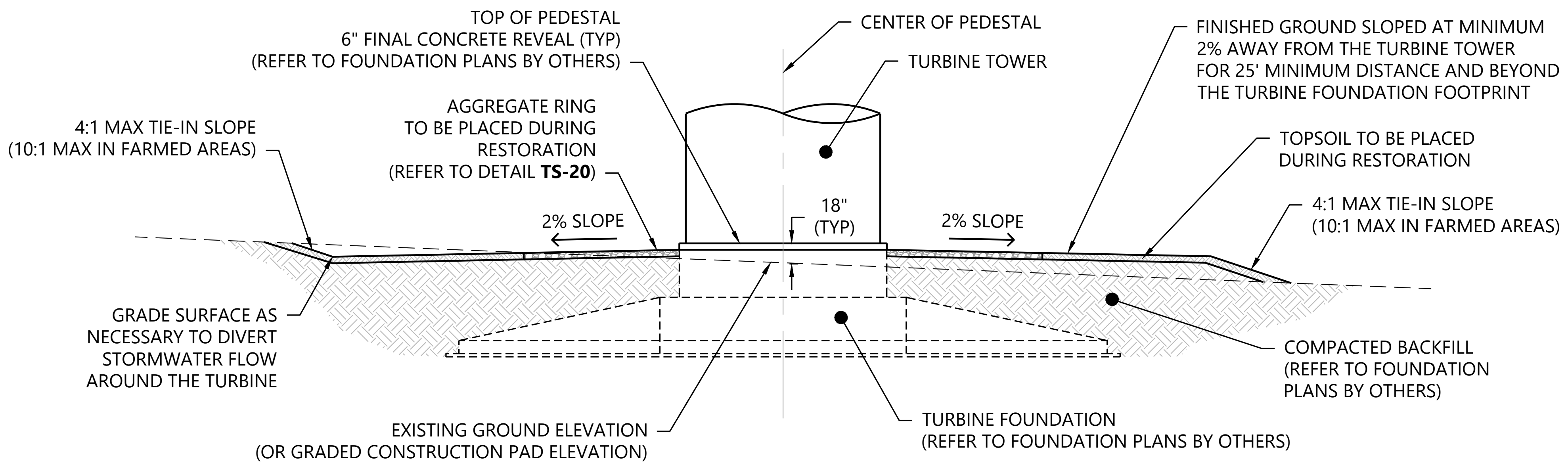
Westwood | TURBINE AGGREGATE RING LAYOUT | NOT TO SCALE | TS-20


DRIVE-BY
AGGREGATE RING (SEE DETAIL TS-20)
WTG PEDESTAL
DEAD-END
℄
AGGREGATE RING (SEE DETAIL TS-20)
DISTANCE VARIES (80'-120' TYP)
16.5' SPUR ROAD
WTG PEDESTAL
25' RADIUS (TYP)
ACCESS ROAD
16.5'
16.5'
SPUR ROAD DISTANCE VARIES
EDGE OF ROAD
℄

NOTES:

1. REFER TO DETAIL **SS-01** FOR ROAD STRUCTURAL SECTIONS.
2. SPUR ROAD TYPICALLY INSTALLED DURING RESTORATION OF THE PROJECT.

Westwood | PERMANENT SPUR ROAD GEOMETRY | NOT TO SCALE | TS-23

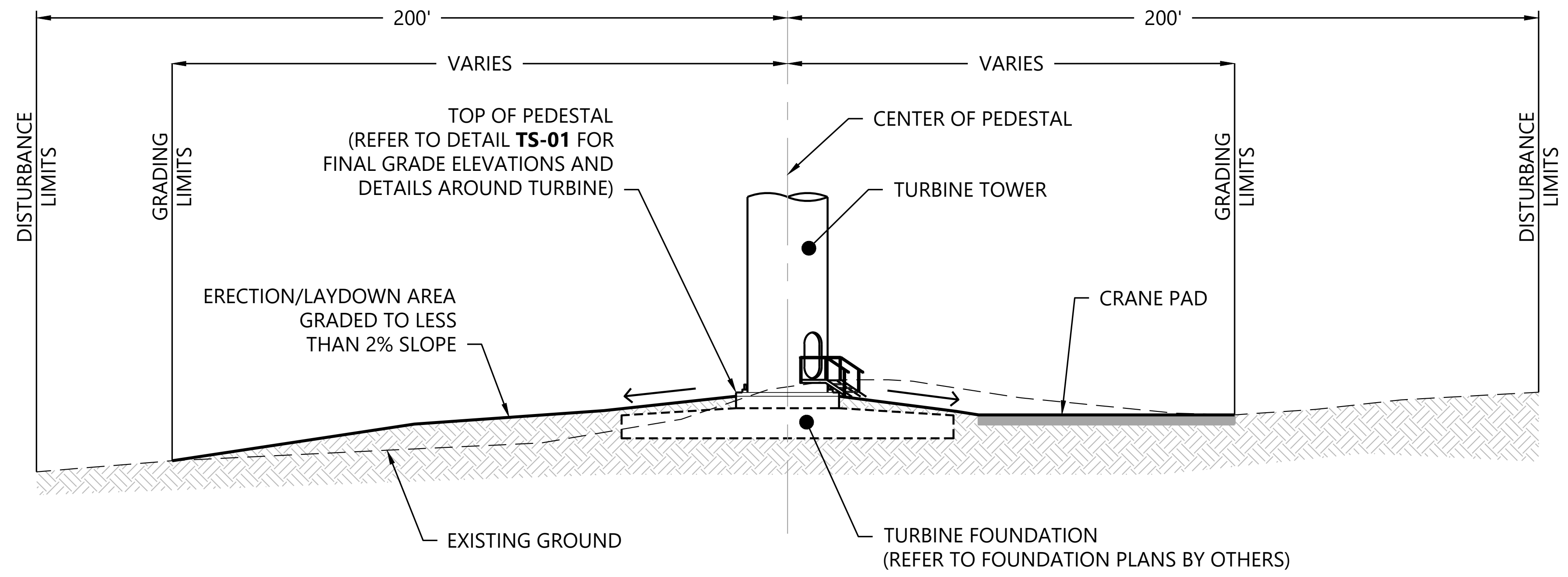

TOP OF PEDESTAL 6" FINAL CONCRETE REVEAL (TYP) (REFER TO FOUNDATION PLANS BY OTHERS)
CENTER OF PEDESTAL
FINISHED GROUND SLOPED AT MINIMUM 2% AWAY FROM THE TURBINE TOWER FOR 25' MINIMUM DISTANCE AND BEYOND THE TURBINE FOUNDATION FOOTPRINT
TURBINE TOWER
AGGREGATE RING TO BE PLACED DURING RESTORATION (REFER TO DETAIL TS-20)
4:1 MAX TIE-IN SLOPE (10:1 MAX IN FARMED AREAS)
TOPSOIL TO BE PLACED DURING RESTORATION
18" (TYP)
2% SLOPE
2% SLOPE
4:1 MAX TIE-IN SLOPE (10:1 MAX IN FARMED AREAS)
GRADE SURFACE AS NECESSARY TO DIVERT STORMWATER FLOW AROUND THE TURBINE
COMPACTED BACKFILL (REFER TO FOUNDATION PLANS BY OTHERS)
EXISTING GROUND ELEVATION (OR GRADED CONSTRUCTION PAD ELEVATION)
TURBINE FOUNDATION (REFER TO FOUNDATION PLANS BY OTHERS)

PROFILE VIEW

NOTES:

1. SET THE TOP OF FOUNDATION PEDESTAL ELEVATION, AT CENTER OF FOUNDATION, 18" (TYPICAL) ABOVE EXISTING GROUND ELEVATION OR GRADED CONSTRUCTION PAD ELEVATION. ADJUST 18" DIMENSION AS NEEDED TO (a) MAINTAIN MINIMUM 25' DIMENSION FINISHED GRADE AT 2% SLOPE, (b) ACCOMMODATE STEEPER CROSS SLOPES OF GRADED PAD ELEVATION, AND (c) BALANCE EARTHWORK AT TURBINE PAD.
2. GRADE FINAL GROUND SURFACE AROUND THE BASE OF THE TURBINE TO A MINIMUM 2% SLOPE FOR 25' MINIMUM DISTANCE TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE TURBINE. ENSURE THE POSITIVE DRAINAGE EXTENDS BEYOND THE TURBINE FOUNDATION FOOTPRINT.
3. VERIFY GEOTECHNICAL AND STRUCTURAL PLAN REQUIREMENTS PRIOR TO EXCAVATING TURBINE FOUNDATION.

Westwood | FINAL GRADED PAD - PROFILE | NOT TO SCALE | TS-01


200'
200'
VARIES
VARIES
DISTURBANCE LIMITS
GRADING LIMITS
TOP OF PEDESTAL (REFER TO DETAIL TS-01 FOR FINAL GRADE ELEVATIONS AND DETAILS AROUND TURBINE)
CENTER OF PEDESTAL
TURBINE TOWER
GRADING LIMITS
DISTURBANCE LIMITS
ERECTION/LAYDOWN AREA GRADED TO LESS THAN 2% SLOPE
CRANE PAD
EXISTING GROUND
TURBINE FOUNDATION (REFER TO FOUNDATION PLANS BY OTHERS)

PROFILE VIEW

NOTE:

CONFIRM CRANE PAD REQUIREMENTS WITH CRANE OPERATOR; TYPICALLY WITHIN 1" FLATNESS AND WITHIN 1' OF THE FOUNDATION PEDESTAL ELEVATION. TEMPORARY CRANE MATS MAY BE REQUIRED. REFER TO THE GEOTECHNICAL REPORT, PROJECT SPECIFIC CRANE WALK/PAD STRUCTURAL DESIGN (IF AVAILABLE), GEOTECHNICAL ENGINEER, AND/OR CONTRACTOR FOR SPECIFIC INFORMATION.

Westwood | TYPICAL TURBINE SITE - PROFILE VIEW | NOT TO SCALE | TS-02

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10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

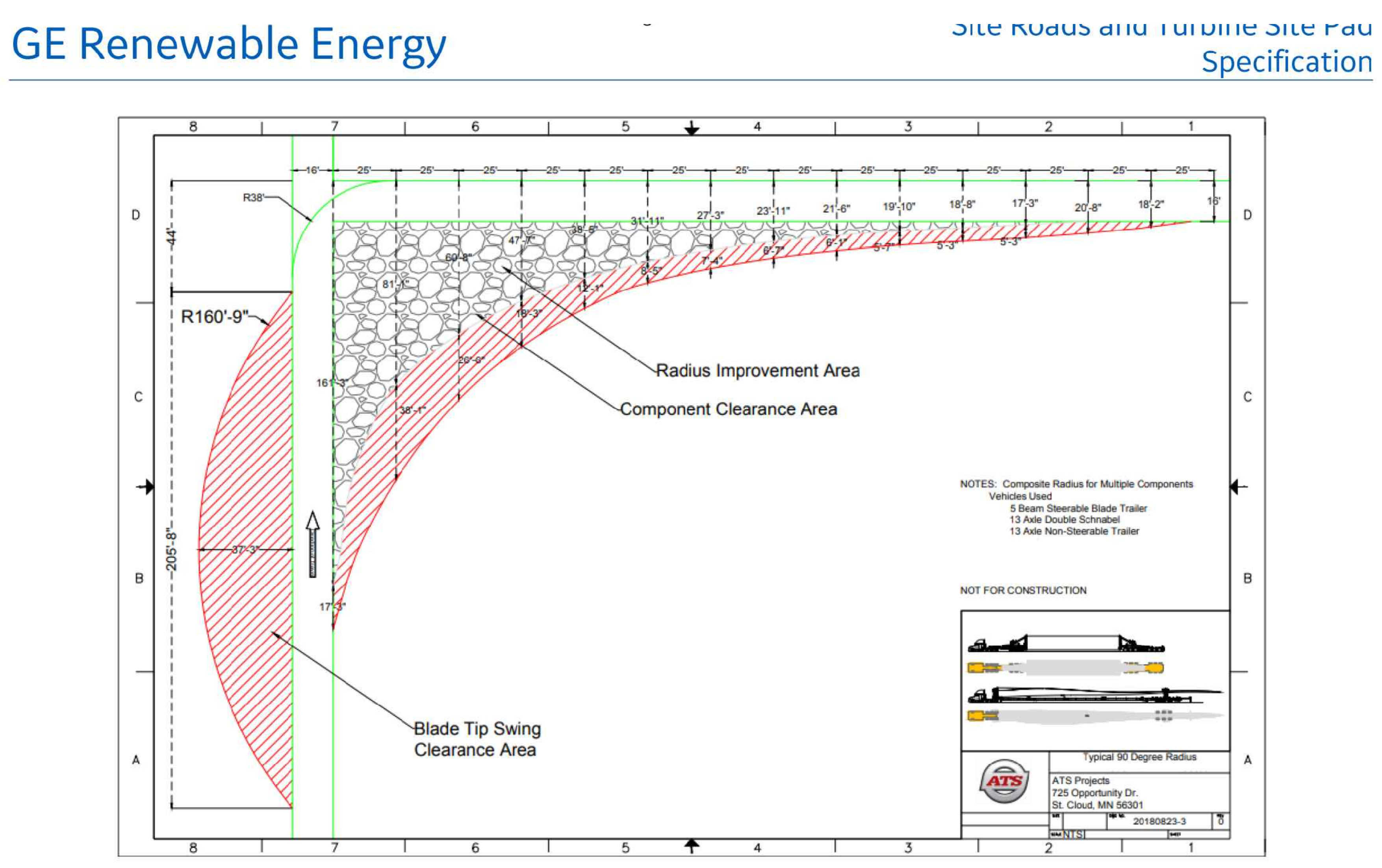
Construction Details - 2

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C701

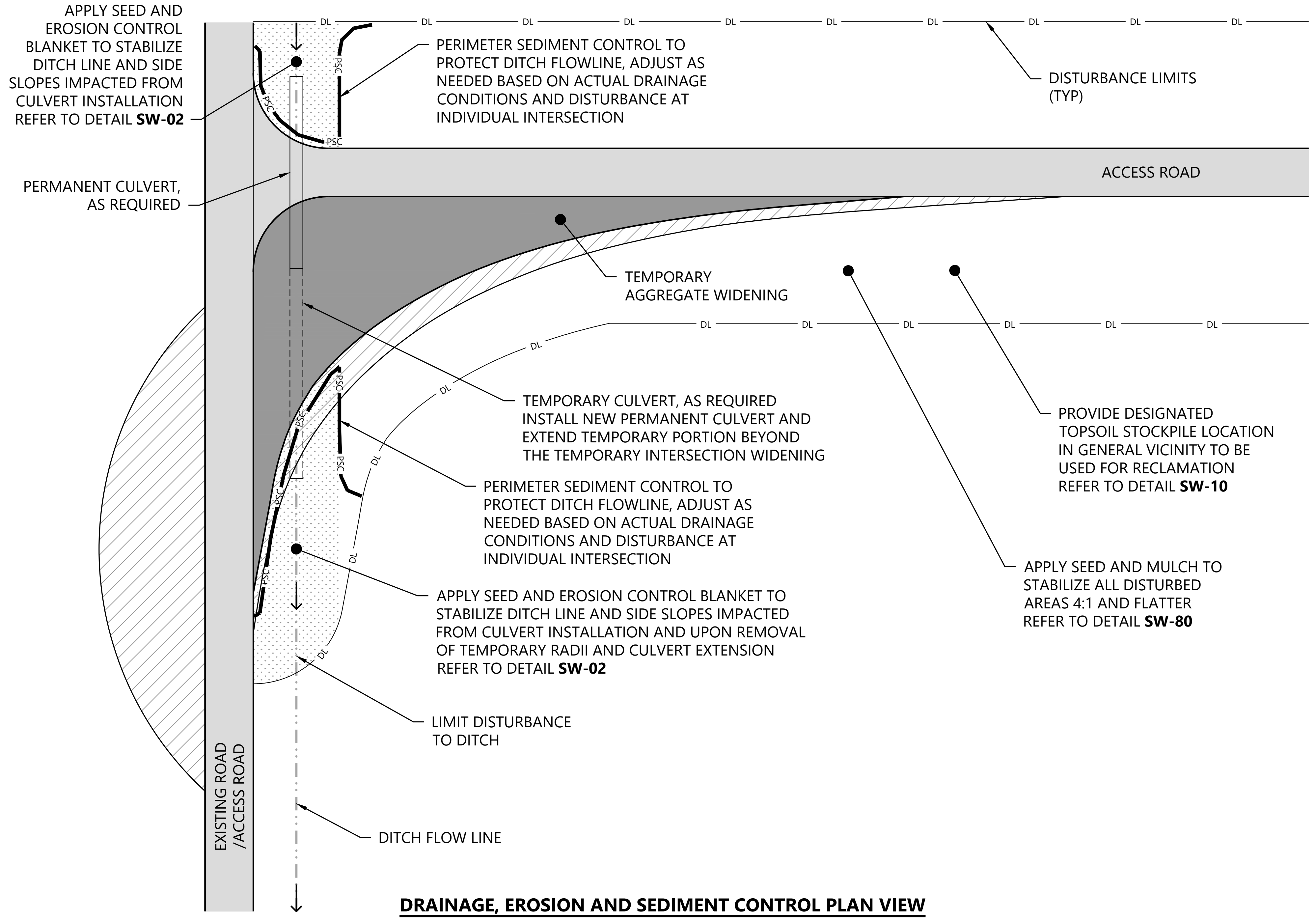
REV: 5


GE Renewable Energy

Site Roads and Turbine Site Pad
Specification

Figure 12: 90 degree Turning Radius for the Cypress Components

SITE PLAN VIEW


APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION AND UPON REMOVAL REFER TO DETAIL SW-02
PERMANENT CULVERT, AS REQUIRED
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
DISTURBANCE LIMITS (TYP)
ACCESS ROAD
TEMPORARY AGGREGATE WIDENING
TEMPORARY CULVERT, AS REQUIRED INSTALL NEW PERMANENT CULVERT AND EXTEND TEMPORARY PORTION BEYOND THE TEMPORARY INTERSECTION WIDENING
PROVIDE DESIGNATED TOPSOIL STOCKPILE LOCATION IN GENERAL VICINITY TO BE USED FOR RECLAMATION REFER TO DETAIL SW-10
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
APPLY SEED AND MULCH TO STABILIZE ALL DISTURBED AREAS 4:1 AND FLATTER REFER TO DETAIL SW-80
APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION AND UPON REMOVAL OF TEMPORARY RADII AND CULVERT EXTENSION REFER TO DETAIL SW-02
LIMIT DISTURBANCE TO DITCH
DITCH FLOW LINE
EXISTING ROAD /ACCESS ROAD
DL
PSC

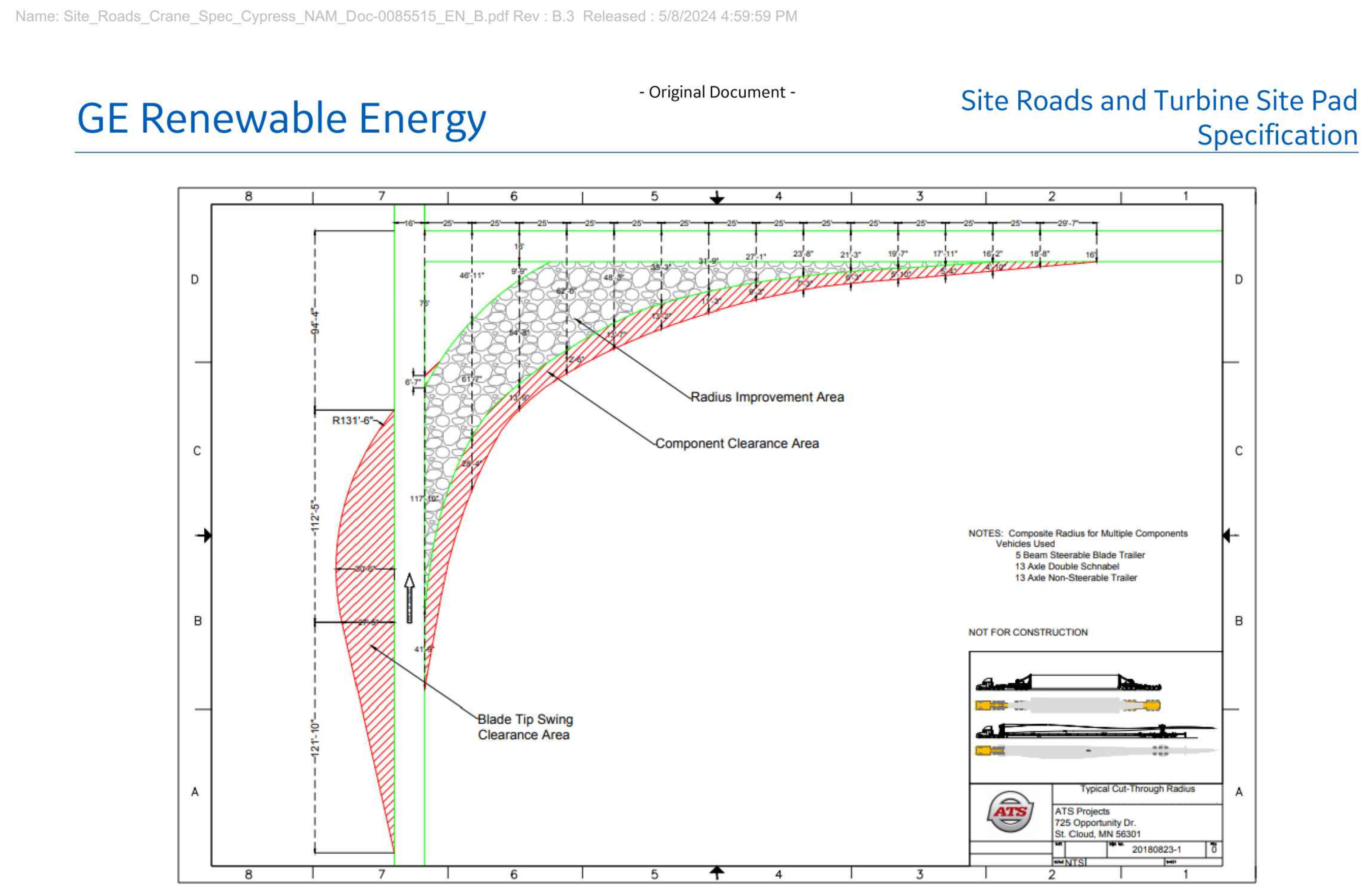
DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN VIEW

NOTES:

1. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERT TO BE REMOVED AND ALL DISTURBED AREAS RESTORED TO NATIVE CONDITIONS.
2. CULVERTS AND PERIMETER SEDIMENT CONTROL SHALL BE INSTALLED AND MAINTAINED AT INTERSECTIONS WHERE THE ACCESS ROAD IS CROSSING AN EXISTING DITCH. REFER TO NPDES PERMIT FOR ADDITIONAL INFORMATION. SHOWN FOR REFERENCE, FIELD CONDITIONS MAY VARY.
3. DIMENSIONS SHOWN ASSUME A 90° INTERSECTION.
4. FILL PLACEMENT FOR TEMPORARY TURNS SHALL FOLLOW TESTING REQUIREMENTS FOR FILL PLACEMENT.
5. REFER TO LOCAL JURISDICTION REQUIREMENTS FOR CULVERT END TREATMENTS ALONG PUBLIC ROADS.
6. EXISTING DITCH FLOW LINE, IF PRESENT, SHALL BE RE-ESTABLISHED AND STABILIZED FOLLOWING CULVERT INSTALLATION.

DETAIL SOURCE: BASED ON GE SITE ROADS AND CRANE SPECIFICATION, APPLICABLE FOR 2.0 MW TO 2.8 MW WIND TURBINE GENERATORS, REV. 07 - DOC-0001707-EN 2020-08-28

Westwood	INTERSECTION WIDENING - 90 DEGREE NOT TO SCALE	RD-21


Name: Site_Roads_Crane_Spec_Cypress_NAM_Doc-0085515_EN_B.pdf Rev : B.3 Released : 5/8/2024 4:59:59 PM

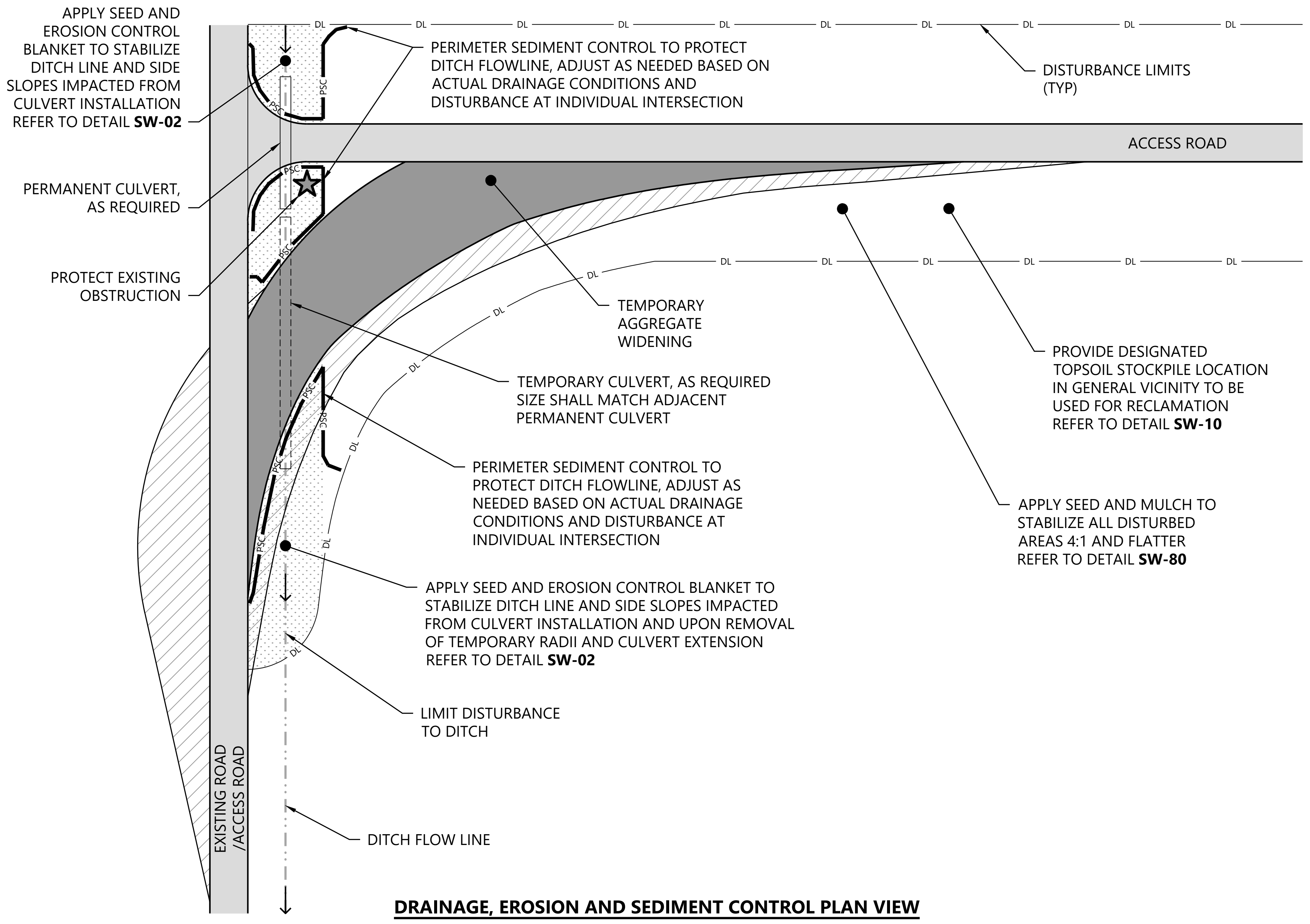
- Original Document -

GE Renewable Energy

Site Roads and Turbine Site Pad
Specification

Figure 10: Cut-Through Turning Radius for the Cypress Components

SITE PLAN VIEW


APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION REFER TO DETAIL SW-02
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
DISTURBANCE LIMITS (TYP)
ACCESS ROAD
PERMANENT CULVERT, AS REQUIRED
PROTECT EXISTING OBSTRUCTION
TEMPORARY AGGREGATE WIDENING
PROVIDE DESIGNATED TOPSOIL STOCKPILE LOCATION IN GENERAL VICINITY TO BE USED FOR RECLAMATION REFER TO DETAIL SW-10
TEMPORARY CULVERT, AS REQUIRED SIZE SHALL MATCH ADJACENT PERMANENT CULVERT
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
APPLY SEED AND MULCH TO STABILIZE ALL DISTURBED AREAS 4:1 AND FLATTER REFER TO DETAIL SW-80
APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION AND UPON REMOVAL OF TEMPORARY RADII AND CULVERT EXTENSION REFER TO DETAIL SW-02
LIMIT DISTURBANCE TO DITCH
DITCH FLOW LINE
EXISTING ROAD /ACCESS ROAD
DL
PSC

DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN VIEW

NOTES:

1. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERT TO BE REMOVED AND ALL DISTURBED AREAS RESTORED TO NATIVE CONDITIONS.
2. CULVERTS AND PERIMETER SEDIMENT CONTROL SHALL BE INSTALLED AND MAINTAINED AT INTERSECTIONS WHERE THE ACCESS ROAD IS CROSSING AN EXISTING DITCH. REFER TO NPDES PERMIT FOR ADDITIONAL INFORMATION. SHOWN FOR REFERENCE, FIELD CONDITIONS MAY VARY.
3. FIELD FIT TRUCK TURNING LANE BASED ON ACTUAL CONDITIONS TO ENSURE AN ADEQUATE OBSTACLE FREE ZONE.
4. FILL PLACEMENT FOR TEMPORARY TURNS SHALL FOLLOW TESTING REQUIREMENTS FOR FILL PLACEMENT.
5. REFER TO LOCAL JURISDICTION REQUIREMENTS FOR CULVERT END TREATMENTS ALONG PUBLIC ROADS.
6. EXISTING DITCH FLOW LINE, IF PRESENT, SHALL BE RE-ESTABLISHED AND STABILIZED FOLLOWING CULVERT INSTALLATION.

DETAIL SOURCE: BASED ON GE SITE ROADS AND CRANE SPECIFICATION, APPLICABLE FOR SIERRA-140 WIND TURBINE GENERATORS, REV. 02 - DOC-0082978-EN 2022-02-18 AND APPLICABLE FOR CYPRESS-158 M ROTOR WIND TURBINE GENERATORS, REV. 01 - DOC-0085515-EN 2021-06-15

Westwood	INTERSECTION WIDENING - CUT THROUGH NOT TO SCALE	RD-22

Westwood

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PAIGE R. MORTENSON
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10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 3

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C702

REV: 5

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Figure 10: Cut-Through Turning Radius for the Cypress Components

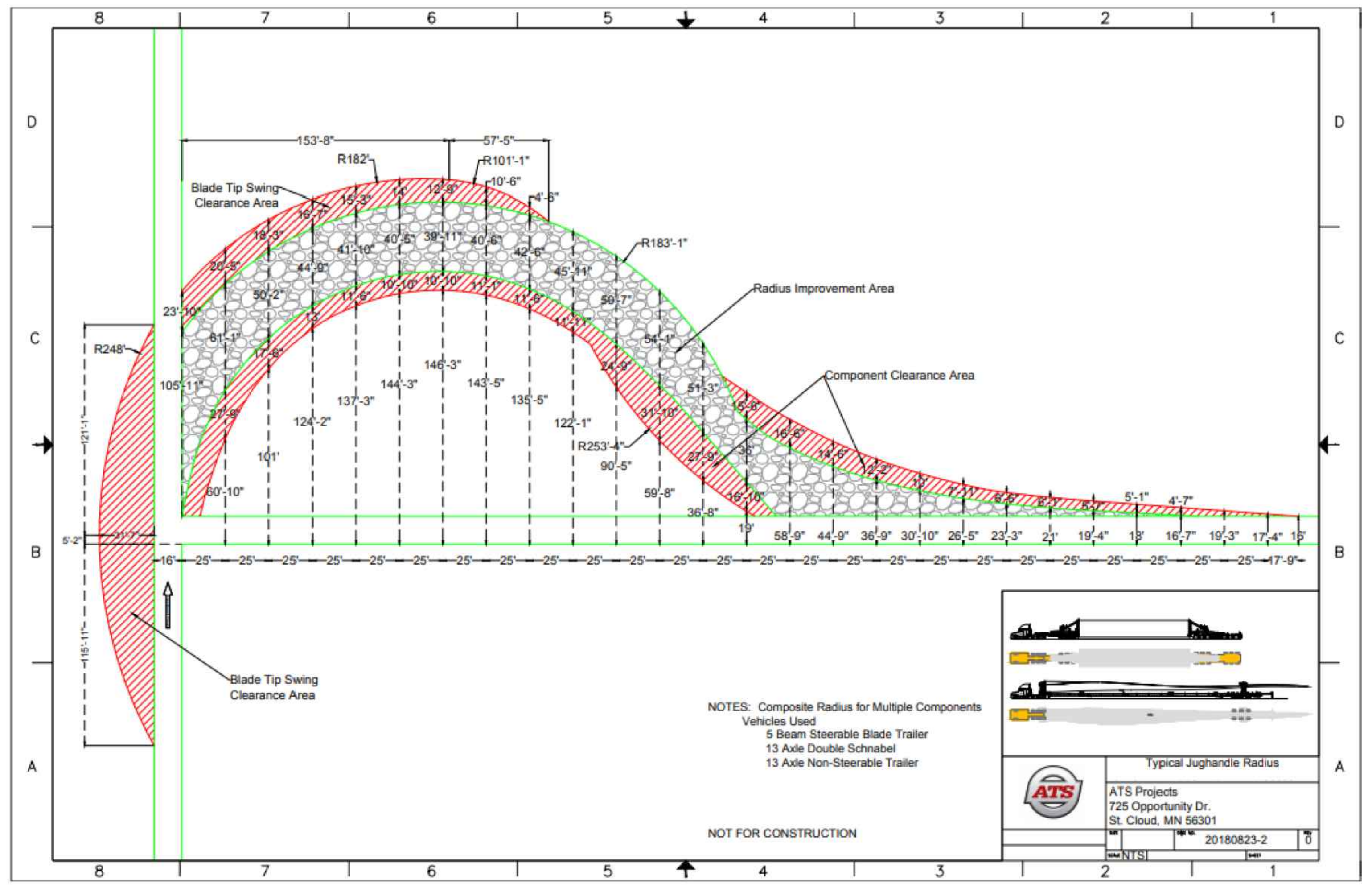
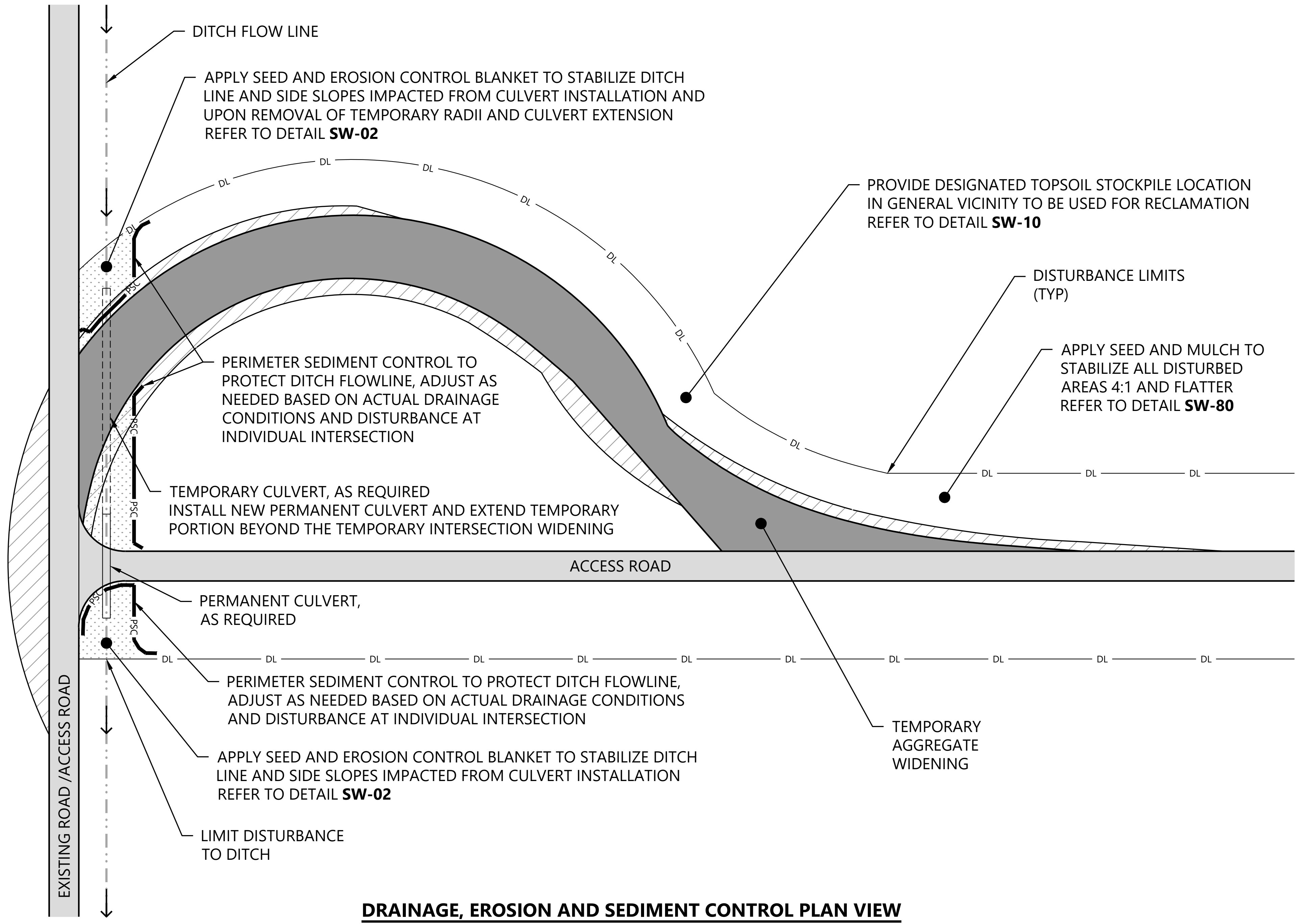


Figure 11: Jug Handle Turning Radius for the Cypress Components

SITE PLAN VIEW


DITCH FLOW LINE
APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION AND UPON REMOVAL OF TEMPORARY RADII AND CULVERT EXTENSION REFER TO DETAIL SW-02
PROVIDE DESIGNATED TOPSOIL STOCKPILE LOCATION IN GENERAL VICINITY TO BE USED FOR RECLAMATION REFER TO DETAIL SW-10
DISTURBANCE LIMITS (TYP)
APPLY SEED AND MULCH TO STABILIZE ALL DISTURBED AREAS 4:1 AND FLATTER REFER TO DETAIL SW-80
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
TEMPORARY CULVERT, AS REQUIRED INSTALL NEW PERMANENT CULVERT AND EXTEND TEMPORARY PORTION BEYOND THE TEMPORARY INTERSECTION WIDENING
ACCESS ROAD
PERMANENT CULVERT, AS REQUIRED
PERIMETER SEDIMENT CONTROL TO PROTECT DITCH FLOWLINE, ADJUST AS NEEDED BASED ON ACTUAL DRAINAGE CONDITIONS AND DISTURBANCE AT INDIVIDUAL INTERSECTION
TEMPORARY AGGREGATE WIDENING
APPLY SEED AND EROSION CONTROL BLANKET TO STABILIZE DITCH LINE AND SIDE SLOPES IMPACTED FROM CULVERT INSTALLATION REFER TO DETAIL SW-02
LIMIT DISTURBANCE TO DITCH
EXISTING ROAD /ACCESS ROAD
DL
PSC

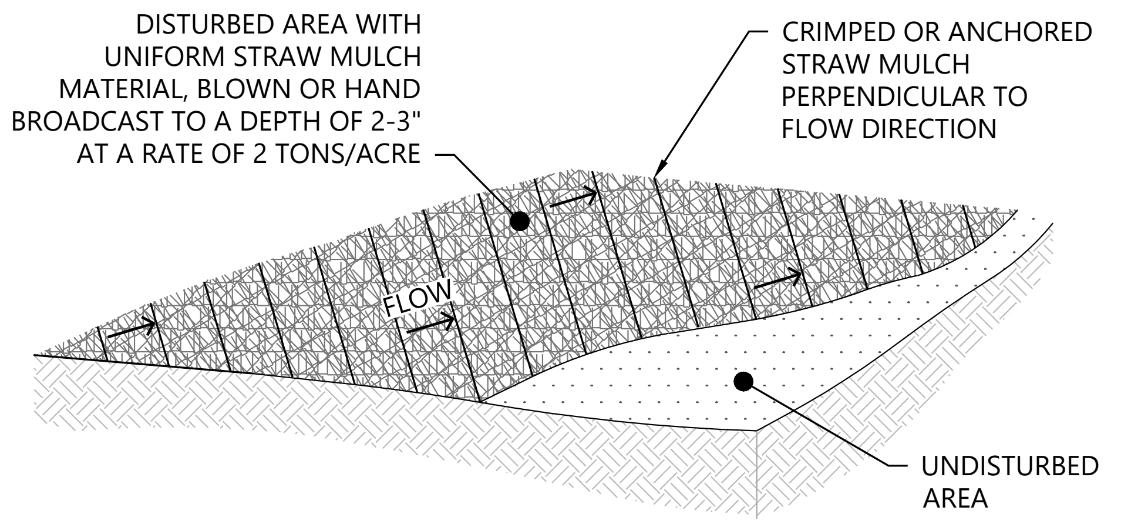
DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN VIEW

NOTES:

1. UPON COMPLETION OF DELIVERIES, TEMPORARY INTERSECTION WIDENING AND TEMPORARY CULVERT TO BE REMOVED AND ALL DISTURBED AREAS RESTORED TO NATIVE CONDITIONS.
2. CULVERTS AND PERIMETER SEDIMENT CONTROL SHALL BE INSTALLED AND MAINTAINED AT INTERSECTIONS WHERE THE ACCESS ROAD IS CROSSING AN EXISTING DITCH. REFER TO NPDES PERMIT FOR ADDITIONAL INFORMATION. SHOWN FOR REFERENCE, FIELD CONDITIONS MAY VARY.
3. FIELD FIT TRUCK TURNING LANE BASED ON ACTUAL CONDITIONS TO ENSURE AN ADEQUATE OBSTACLE FREE ZONE.
4. FILL PLACEMENT FOR TEMPORARY TURNS SHALL FOLLOW TESTING REQUIREMENTS FOR FILL PLACEMENT.
5. REFER TO LOCAL JURISDICTION REQUIREMENTS FOR CULVERT END TREATMENTS ALONG PUBLIC ROADS.
6. EXISTING DITCH FLOW LINE, IF PRESENT, SHALL BE RE-ESTABLISHED AND STABILIZED FOLLOWING CULVERT INSTALLATION.

DETAIL SOURCE: BASED ON GE SITE ROADS AND CRANE SPECIFICATION, APPLICABLE FOR 2.0 MW TO 2.8 MW WIND TURBINE GENERATORS, REV. 07 - DOC-0001707-EN 2020-08-28

Westwood	INTERSECTION WIDENING - JUG HANDLE NOT TO SCALE	RD-23


DISTURBED AREA WITH UNIFORM STRAW MULCH MATERIAL, BLOWN OR HAND BROADCAST TO A DEPTH OF 2-3" AT A RATE OF 2 TONS/ACRE
CRIMPED OR ANCHORED STRAW MULCH PERPENDICULAR TO FLOW DIRECTION
FLOW
UNDISTURBED AREA

NOTES:

1. APPLY STRAW MULCH AS SOON AS POSSIBLE AFTER LAND DISTURBING ACTIVITIES HAVE CEASED, EITHER TEMPORARILY OR PERMANENTLY.
2. STRAW MULCH CAN BE APPLIED BY HAND BROADCASTING OR MACHINE BLOWN ONTO THE SLOPE TO ACHIEVE UNIFORM COVER.
3. STRAW MULCH IS TYPICALLY SUITABLE FOR SLOPES 4:1 AND FLATTER. SLOPES STEEPER THAN 4:1 SHALL USE EROSION CONTROL BLANKET OR SUITABLE ALTERNATIVE.
4. STRAW MULCH SHALL NOT BE APPLIED TO AREAS OF CONCENTRATED FLOW.
5. TO INCREASE THE EFFECTIVENESS OF THE MULCH COVER AGAINST WIND AND WATER EROSION, ANCHORING MAY BE APPLIED, POTENTIAL METHODS INCLUDE:
   - 5.1. HAND PUNCHING - HAND TOOLS CAN BE USED TO PUNCH THE STRAW INTO THE GROUND UNTIL ALL AREAS HAVE STRAW STANDING PERPENDICULAR TO THE SLOPE AND EMBEDDED AT LEAST 4" INTO THE GROUND. IT SHOULD BE PUNCHED ABOUT 12" APART.
   - 5.2. ROLLER PUNCHING - A ROLLER EQUIPPED WITH STRAIGHT STUDS NOT LESS THAN 6" LONG, FROM 4-6" WIDE, AND APPROXIMATELY 1" THICK IS ROLLED OVER THE STRAW MULCH.
   - 5.3. TRACKING - A BULLDOZER OR OTHER EQUIPMENT WITH CLEATED TRACKS, IS USED TO PUSH THE STRAW INTO THE SOIL. USED ONLY ON SLOPES WHERE THIS TYPE OF EQUIPMENT CAN SAFELY OPERATE. TRACKING EQUIPMENT MUST OPERATE UP AND DOWN THE SLOPE SO THE CLEAT TRACKS ARE PERPENDICULAR TO FLOW.
   - 5.4. DISK ANCHORING/CRIMPER PUNCHING - DISK ANCHORING IS TYPICALLY PERFORMED WITH A TRACTOR AND TANDEM STRAIGHT DISK PLOW. DISK SPACING SHOULD BE BETWEEN 4-8" APART. WEIGHT CAN BE ADDED TO TOW PLOW, AS NECESSARY, TO FORCE THE STRAW MULCH INTO THE SOIL. DISKING SHOULD BE DONE IN TWO DIRECTIONS WITH THE FINAL PASS ACROSS THE SLOPE.
   - 5.5. NETTING - NETTING MAY BE USED TO SECURE APPLIED MULCH ON STEEPER SLOPES (> 4:1) WHERE MULCH CANNOT BE PUNCHED WITH A ROLLER OR BY HAND. JUTE, WOOD EXCELSIOR OR PLASTIC NETTING IS APPLIED OVER UNPUNCHED STRAW MULCH AND ANCHORED WITH SOD STAPLES.
   - 5.6. TACKIFIER - ON STEEP SLOPES (> 4:1), A TACKIFIER AGENT MAY BE USED TO BOND OR GLUE THE MULCH THAT HAS BEEN SEEDED AND DISK ANCHORED ON THE SLOPE. THIS METHOD INCREASES THE LONGEVITY AND EFFECTIVENESS AND MAY REDUCE THE NEED FOR EROSION CONTROL BLANKETS ON STEEP SLOPES, WHEN PROPERLY APPLIED.

Westwood	STRAW MULCH - APPLICATION AND ANCHORING METHODS NOT TO SCALE	SW-80

Westwood

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120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
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2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 4

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C703

REV: 5

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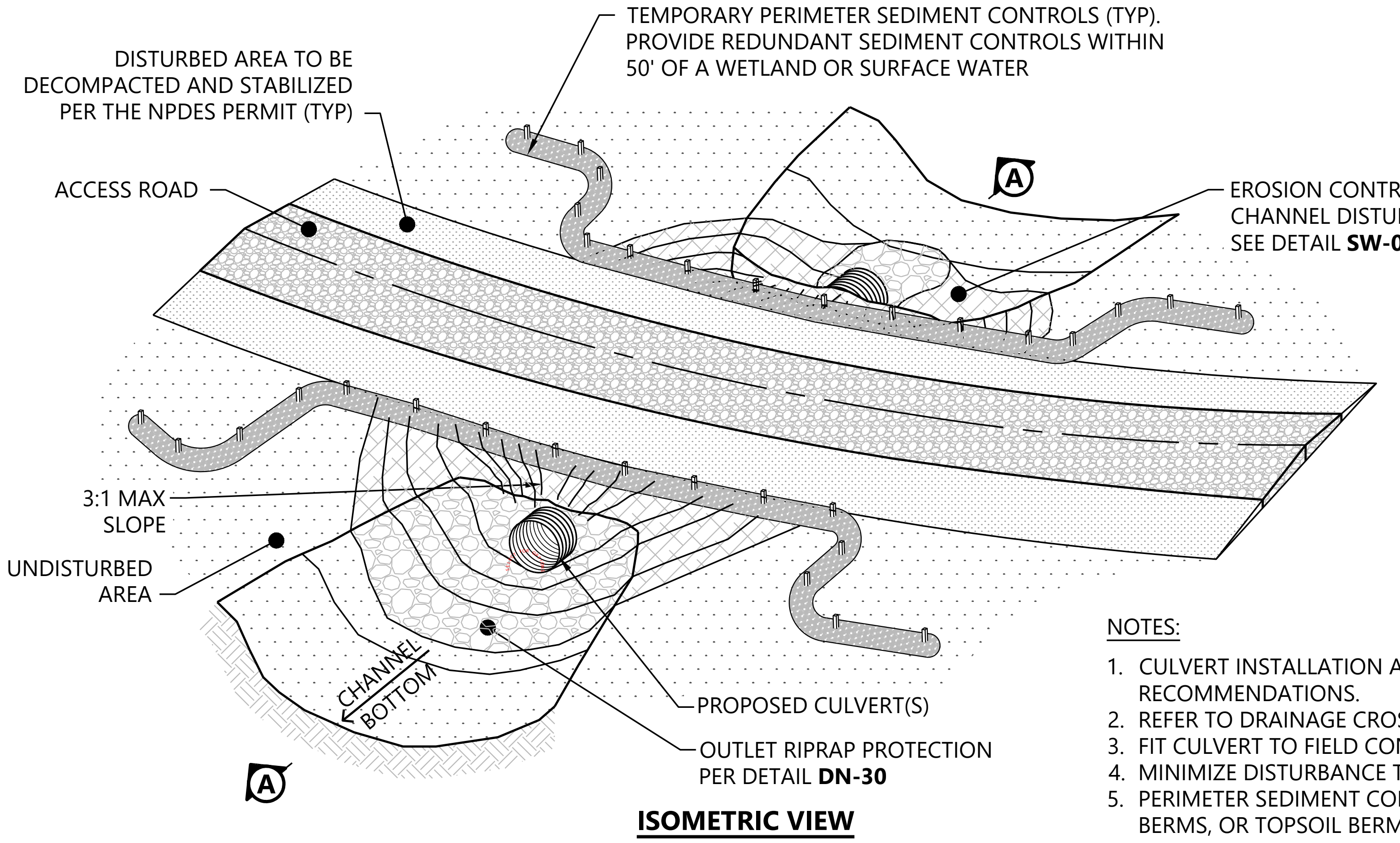
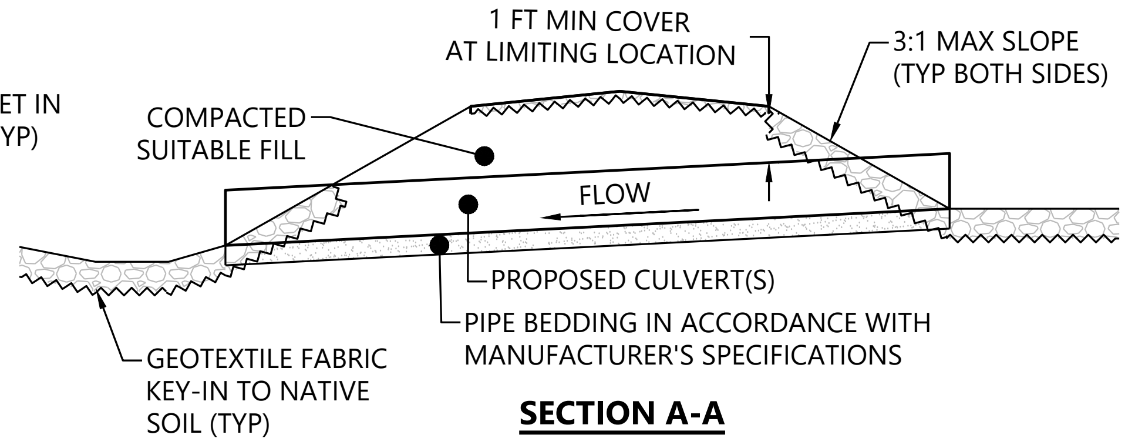

DISTURBED AREA TO BE DECOMPACTED AND STABILIZED PER THE NPDES PERMIT (TYP)
TEMPORARY PERIMETER SEDIMENT CONTROLS (TYP). PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER
ACCESS ROAD
A
3:1 MAX SLOPE
UNDISTURBED AREA
CHANNEL BOTTOM
A
PROPOSED CULVERT(S)
OUTLET RIPRAP PROTECTION PER DETAIL DN-30

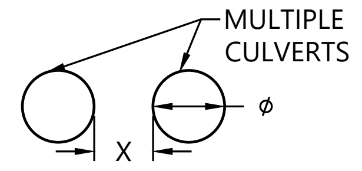
ISOMETRIC VIEW


1 FT MIN COVER AT LIMITING LOCATION
3:1 MAX SLOPE (TYP BOTH SIDES)
EROSION CONTROL BLANKET IN CHANNEL DISTURBANCE (TYP) SEE DETAIL SW-02
COMPACTED SUITABLE FILL
FLOW
PROPOSED CULVERT(S)
GEOTEXTILE FABRIC KEY-IN TO NATIVE SOIL (TYP)
PIPE BEDDING IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

SECTION A-A

NOTES:

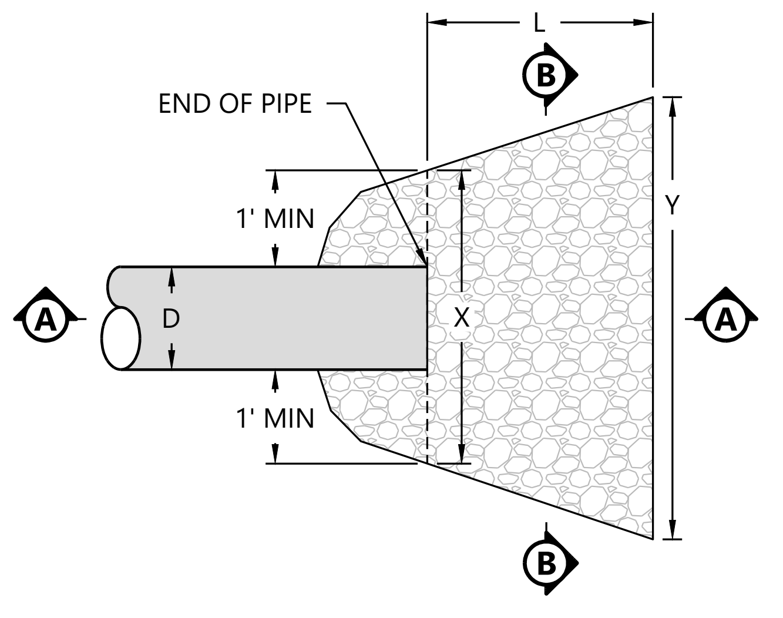
1. CULVERT INSTALLATION AND COMPACTION SHALL ADHERE TO MANUFACTURER'S RECOMMENDATIONS.
2. REFER TO DRAINAGE CROSSING SCHEDULE FOR SIZING.
3. FIT CULVERT TO FIELD CONDITIONS.
4. MINIMIZE DISTURBANCE TO EXISTING CHANNEL/DITCH DURING CULVERT INSTALLATION.
5. PERIMETER SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO ASSOCIATED DETAIL(S) AND/OR NPDES PERMIT FOR ADDITIONAL DETAILS.



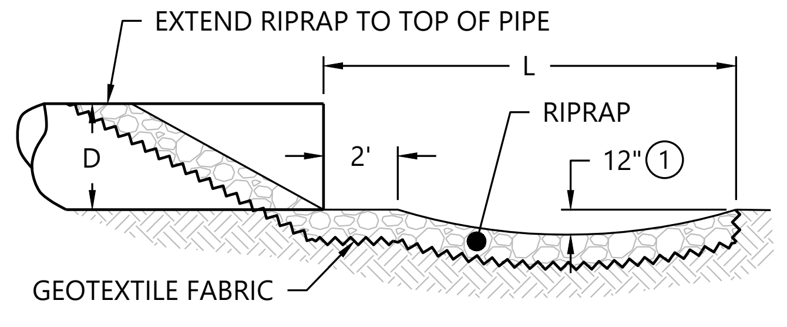
PIPE ϕ	X (MIN)
UP TO 24"	12"
24" TO 72"	ϕ/2
OVER 72"	36"

MULTI-PIPE SPACING

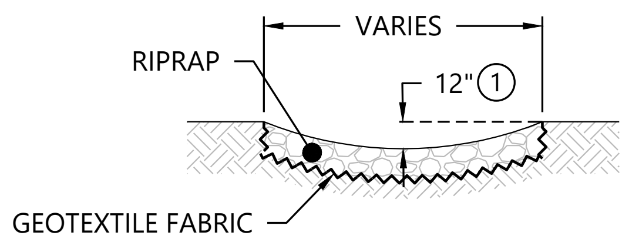
Westwood CULVERT CROSSING NOT TO SCALE **DN-03**



PLAN VIEW



SECTION A-A



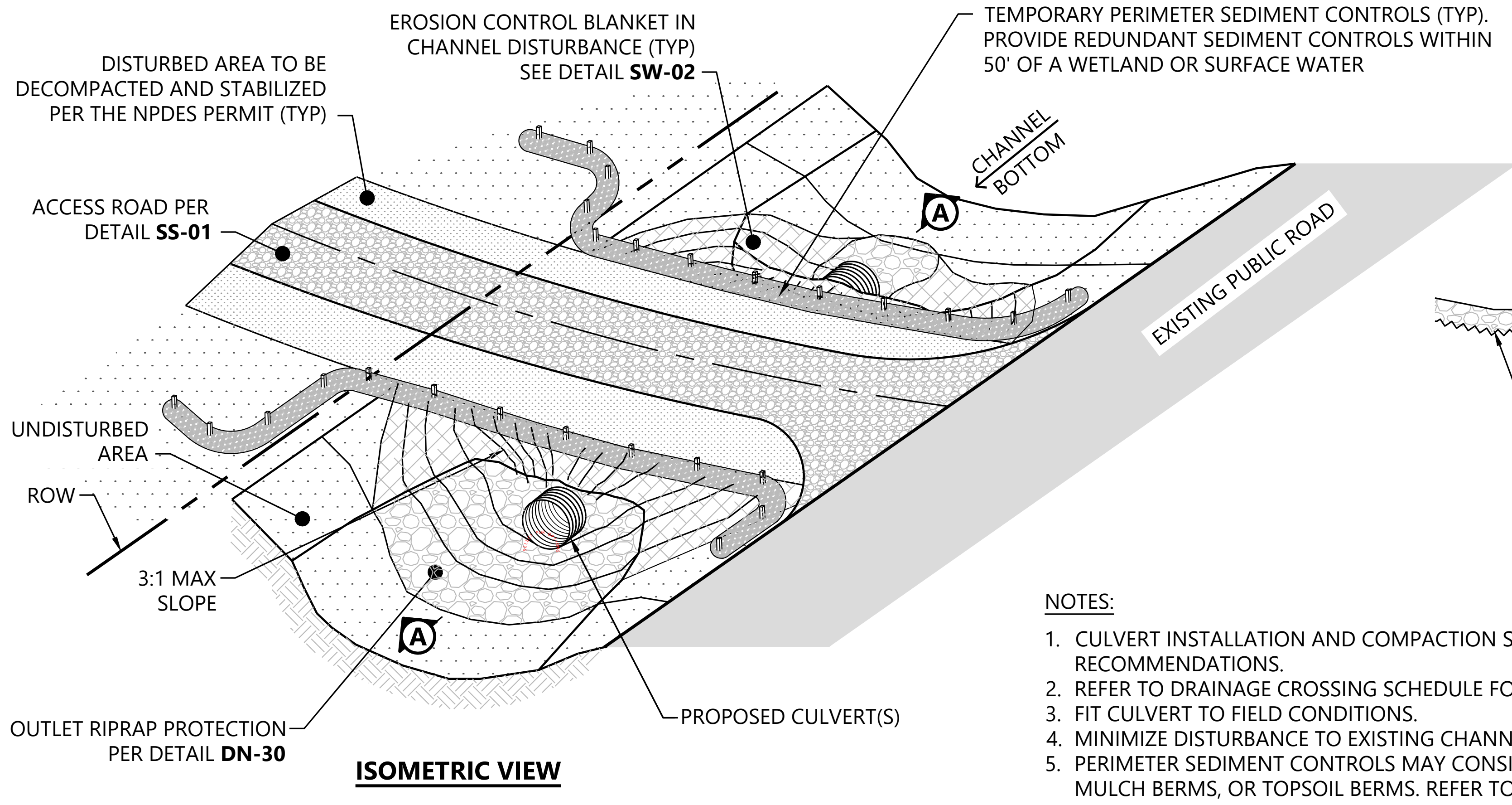
SECTION B-B

RIPRAP AT CULVERT OUTLETS						
PIPE DIAMETER (D)		L	X	Y	RIPRAP SIZE (D50)	RIPRAP DEPTH
(IN)	(FT)	(FT)	(FT)	(FT)	(IN)	(FT)
② 12	1	8	3	8	6	1
15	1.25	8	3.3	9	6	1
18	1.5	8	3.5	10	6	1
21	1.75	8	3.8	11	9	1.5
24	2	8	4	11	9	1.5
30	2.5	10	4.5	14	9	1.5
36	3	15	5	19	12	2
42	3.5	18	5.5	22	12	2
48	4	20	6	25	12	2
54	4.5	27	6.5	31.5	12	2
60	5	30	7	35	12	2
>60	>5	CONTACT ENGINEER FOR SPECIFIC DESIGN				

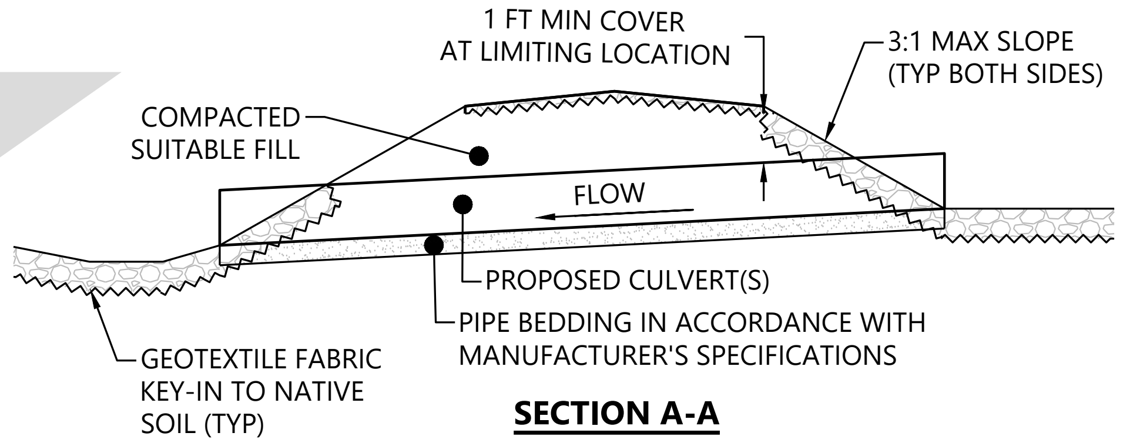
NOTES:

① FOR PIPES GREATER OR EQUAL TO 30", USE 1.5'.
② RIPRAP IS NOT REQUIRED AT CULVERTS 21" OR LESS IF BOTH THE INLET AND OUTLET SIDE OF FLOW LINE REMAIN UNDISTURBED DURING CULVERT INSTALLATION AND THE CULVERT DRAINS INTO AN UNDISTURBED VEGETATED AREA. IF DISTURBANCE OCCURS, AN APPROVED ALTERNATIVE TO RIPRAP MAY BE USED TO MITIGATE FLOW VELOCITIES DURING VEGETATION ESTABLISHMENT.
3. RIPRAP SHALL BE INSTALLED AT ALL CULVERTS 24" THROUGH 60" PER THIS DETAIL, UNLESS APPROVED BY THE ENGINEER.
4. CONFIRM REQUIREMENTS IN PUBLIC RIGHT-OF-WAY WITH THE AUTHORITY HAVING JURISDICTION.
5. CONTRACTOR SHALL PLACE RIPRAP, PULVERIZED TOPSOIL, SEED AND EROSION CONTROL BLANKET IMMEDIATELY AFTER PIPE IS INSTALLED, EXTEND AREA TO MATCH UNDISTURBED SOIL.
6. DIMENSION "D" EQUALS INSIDE DIAMETER OF PIPE.
7. RIPRAP SHALL EXTEND THE ENTIRE WIDTH BETWEEN MULTIPLE CULVERTS.
8. RIPRAP MATERIAL SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE FHWA STANDARD SPECIFICATIONS FP-14 SECTION 705.02. CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH SECTION 251.

Westwood PERMANENT RIPRAP AT CULVERT OUTLETS NOT TO SCALE **DN-30**


EROSION CONTROL BLANKET IN CHANNEL DISTURBANCE (TYP) SEE DETAIL SW-02
TEMPORARY PERIMETER SEDIMENT CONTROLS (TYP). PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER
DISTURBED AREA TO BE DECOMPACTED AND STABILIZED PER THE NPDES PERMIT (TYP)
CHANNEL BOTTOM
ACCESS ROAD PER DETAIL SS-01
A
EXISTING PUBLIC ROAD
UNDISTURBED AREA
ROW
3:1 MAX SLOPE
A
OUTLET RIPRAP PROTECTION PER DETAIL DN-30
PROPOSED CULVERT(S)

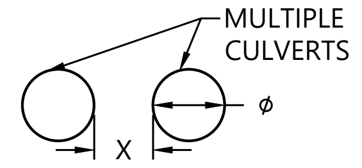
ISOMETRIC VIEW


1 FT MIN COVER AT LIMITING LOCATION
3:1 MAX SLOPE (TYP BOTH SIDES)
COMPACTED SUITABLE FILL
FLOW
PROPOSED CULVERT(S)
GEOTEXTILE FABRIC KEY-IN TO NATIVE SOIL (TYP)
PIPE BEDDING IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

SECTION A-A

NOTES:

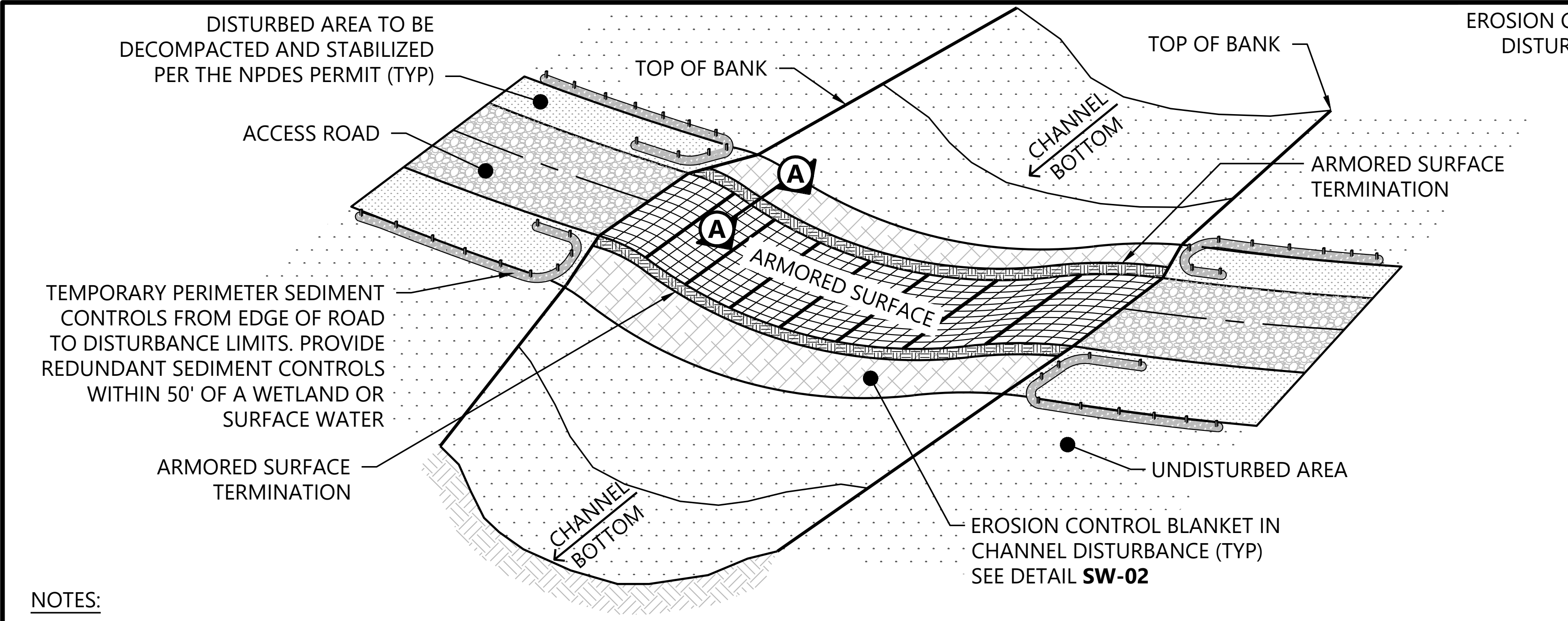
1. CULVERT INSTALLATION AND COMPACTION SHALL ADHERE TO MANUFACTURER'S RECOMMENDATIONS.
2. REFER TO DRAINAGE CROSSING SCHEDULE FOR SIZING.
3. FIT CULVERT TO FIELD CONDITIONS.
4. MINIMIZE DISTURBANCE TO EXISTING CHANNEL/DITCH DURING CULVERT INSTALLATION.
5. PERIMETER SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO ASSOCIATED DETAIL(S) AND/OR NPDES PERMIT FOR ADDITIONAL DETAILS.

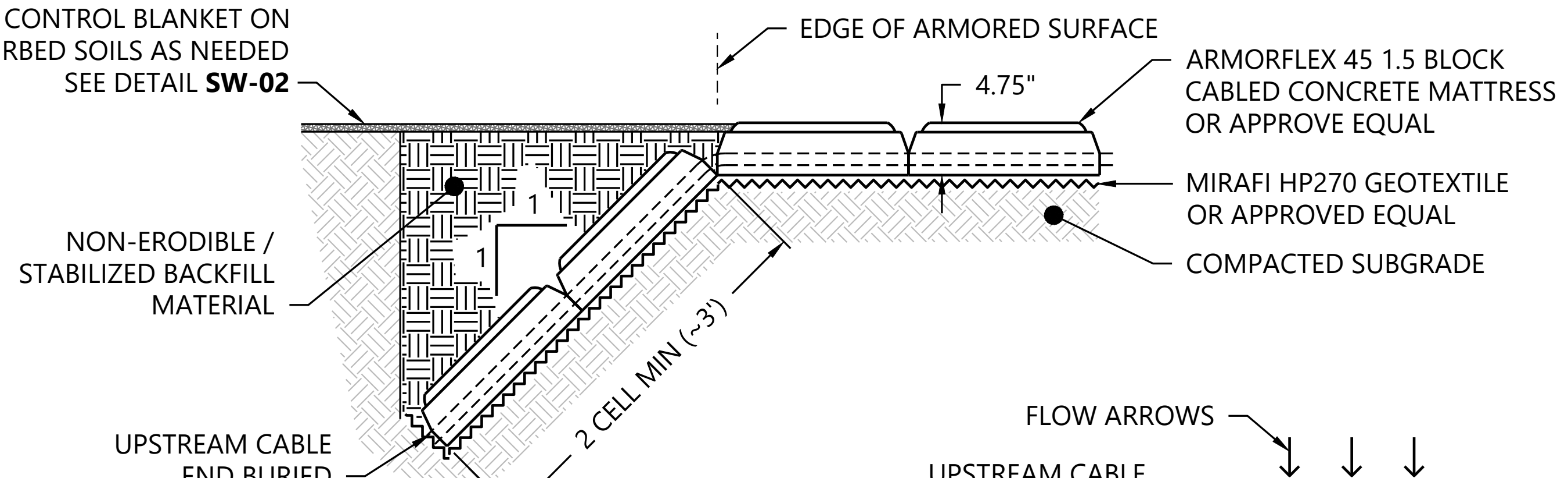


PIPE ϕ	X (MIN)
UP TO 24"	12"
24" TO 72"	ϕ/2
OVER 72"	36"

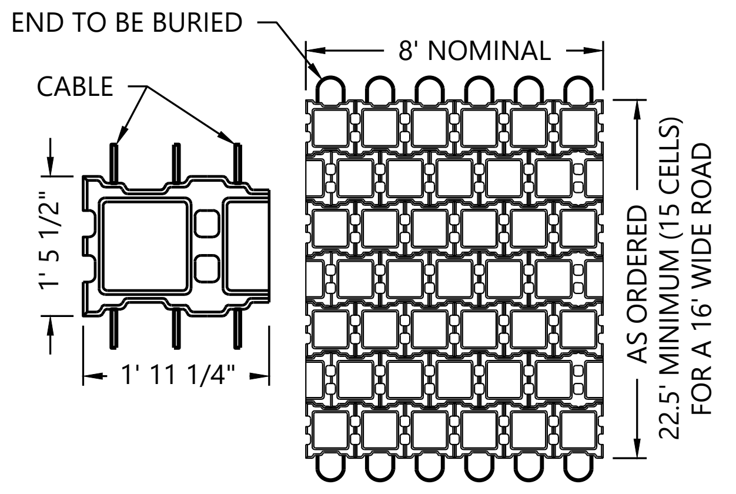
MULTI-PIPE SPACING

Westwood PUBLIC ROW ACCESS ENTRANCE - PERMANENT CONDITION - CULVERT NOT TO SCALE **DN-06**


DISTURBED AREA TO BE DECOMPACTED AND STABILIZED PER THE NPDES PERMIT (TYP)
TOP OF BANK
TOP OF BANK
ACCESS ROAD
CHANNEL BOTTOM
A
A
ARMORED SURFACE TERMINATION
ARMORED SURFACE
TEMPORARY PERIMETER SEDIMENT CONTROLS FROM EDGE OF ROAD TO DISTURBANCE LIMITS. PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER
UNDISTURBED AREA
ARMORED SURFACE TERMINATION
CHANNEL BOTTOM
EROSION CONTROL BLANKET IN CHANNEL DISTURBANCE (TYP) SEE DETAIL SW-02


EROSION CONTROL BLANKET ON DISTURBED SOILS AS NEEDED SEE DETAIL SW-02
EDGE OF ARMORED SURFACE
4.75"
ARMORFLEX 45 1.5 BLOCK CABLED CONCRETE MATTRESS OR APPROVE EQUAL
MIRAFI HP270 GEOTEXTILE OR APPROVED EQUAL
COMPACTED SUBGRADE
NON-ERODIBLE / STABILIZED BACKFILL MATERIAL
1
1
2 CELL MIN (~3')
UPSTREAM CABLE END BURIED

SECTION A-A
ARMORED SURFACE TERMINATION


FLOW ARROWS
UPSTREAM CABLE END TO BE BURIED
8' NOMINAL
CABLE
1' 5 1/2"
1' 11 1/4"
AS ORDERED 22.5' MINIMUM (15 CELLS) FOR A 16' WIDE ROAD

TYPICAL ARMORFLEX 45
1.5 BLOCK DIMENSIONS

NOTES:

1. REFER TO MANUFACTURER'S INSTALLATION RECOMMENDATIONS AND DETAILS.
2. CHANNEL SIDE SLOPES MAY REQUIRE MODIFICATION TO CONSTRUCT THE ACCESS ROAD THROUGH THE CHANNEL TO MEET THE REQUIREMENTS OF CONSTRUCTION AND DELIVERY VEHICLES.
3. THE ACCESS ROAD SHALL CROSS THE CHANNEL AS CLOSE TO PERPENDICULAR AS POSSIBLE.
4. THE FINISHED ACCESS ROAD SURFACE SHALL BE AT AN ELEVATION THAT ALLOWS WATER TO FLOW THROUGH THE CHANNEL UNIMPEDED AND WITHOUT PONDING UPSTREAM OF ROAD OR ON THE ROAD SURFACE.
5. ARMORED SURFACE SHALL EXTEND THROUGH THE CHANNEL BOTTOM AND UP THE CHANNEL SIDE SLOPES TO THE OBSERVED TOP OF BANK OF THE CHANNEL, UNLESS OTHERWISE NOTED.
6. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
7. STABILIZE DISTURBED GROUND IN ACCORDANCE WITH THE NPDES PERMIT.
8. CROSSING MAY BE INSTALLED DURING THE PROJECT RESTORATION PHASE. IF INSTALLED DURING CONSTRUCTION, MONITOR THE CROSSING FOR DAMAGE FROM CONSTRUCTION TRAFFIC. ADDITIONAL MAINTENANCE OR REPAIRS MAY BE REQUIRED.

Westwood HEAVY DUTY LOW WATER CROSSING NOT TO SCALE **DN-02**

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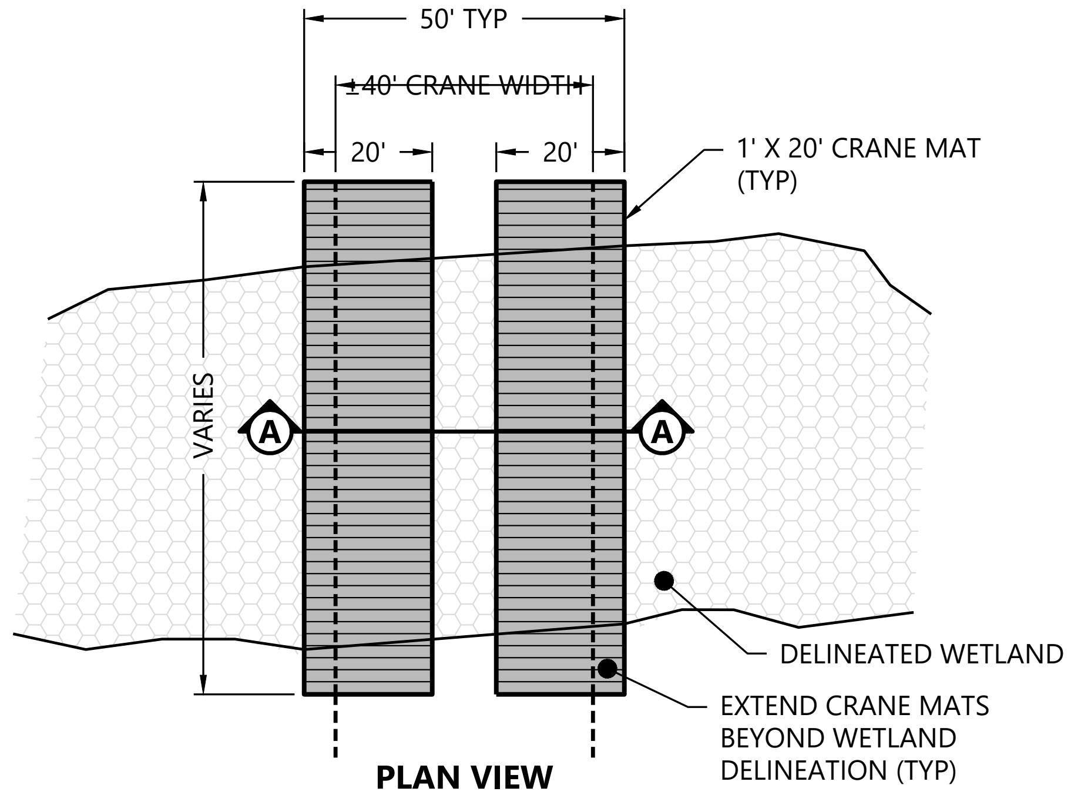
#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project
Coles County, Illinois

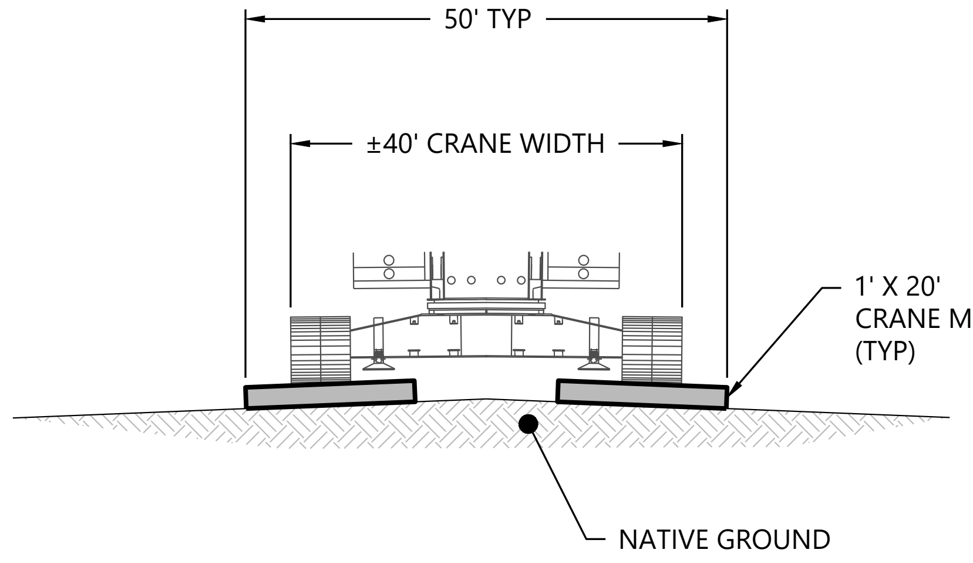
Construction Details - 5

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C704
REV: 5



PLAN VIEW

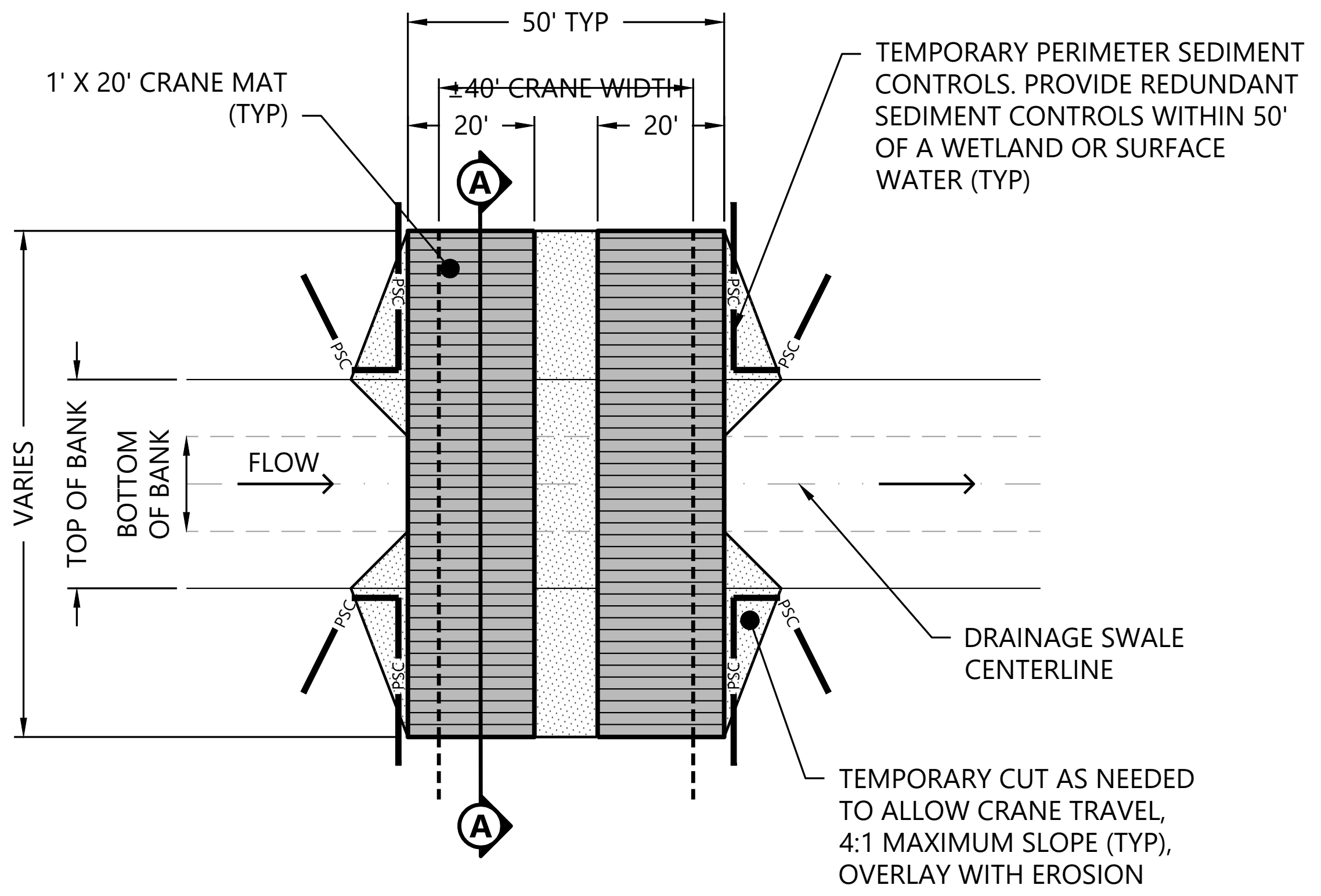


SECTION A-A

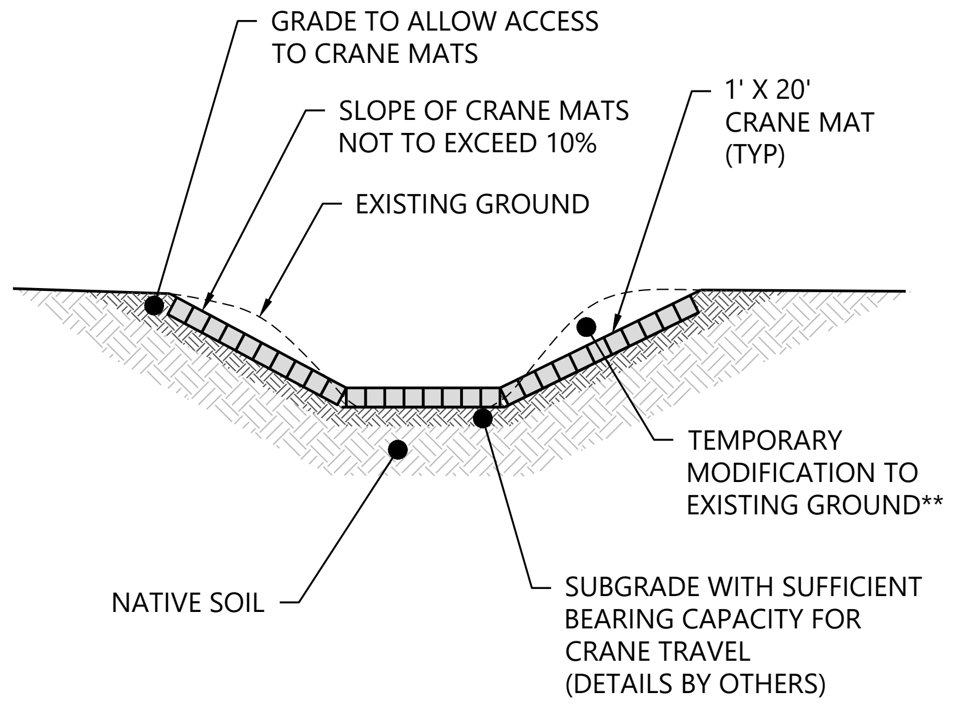
NOTES:

1. STRUCTURAL DESIGN, SUBGRADE RECOMMENDATIONS, AND TESTING FOR CRANE WALKS AND CRANE PADS IS NOT INCLUDED. REFER TO THE GEOTECHNICAL REPORT, PROJECT SPECIFIC CRANE WALK/PAD STRUCTURAL DESIGN (IF AVAILABLE), GEOTECHNICAL ENGINEER, AND/OR CONTRACTOR FOR SPECIFIC INFORMATION.
2. SUBGRADE IMPROVEMENT AND COMPACTION MAY BE REQUIRED TO ACHIEVE SUFFICIENT BEARING CAPACITIES AS ARE NECESSARY FOR CRANE TRAVEL.
3. REVIEW ALL ENVIRONMENTAL PERMITS PRIOR TO CROSSING DRAINAGE SWALE TO ENSURE CONFORMANCE WITH PERMIT REQUIREMENTS.
4. PROVIDE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE NPDES PERMIT. STABILIZE AND RESTORE ANY DISTURBED AREA IN ACCORDANCE WITH THE NPDES PERMIT AND ENVIRONMENTAL PERMIT REQUIREMENTS POST CRANE CROSSING.
5. TOTAL CRANE MATTING WIDTH VARIES BY CONTRACTOR AND EQUIPMENT, TYPICAL WIDTHS ARE PROVIDED.
6. IF RUTTING OR INDENTATIONS OCCURS DURING CRANE CROSSING, RESTORE TO ORIGINAL GRADE FOLLOWING REMOVAL OF CRANE MATS.

Westwood | CRANE CROSSING - DELINEATED WETLAND | NOT TO SCALE | **CR-01**


50' TYP
±40' CRANE WIDTH
20'
20'
1' X 20' CRANE MAT (TYP)
A
A
TEMPORARY PERIMETER SEDIMENT CONTROLS. PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER (TYP)
PSC
VARIES
TOP OF BANK
BOTTOM OF BANK
FLOW
DRAINAGE SWALE CENTERLINE
TEMPORARY CUT AS NEEDED TO ALLOW CRANE TRAVEL, 4:1 MAXIMUM SLOPE (TYP), OVERLAY WITH EROSION CONTROL BLANKET

PLAN VIEW


GRADE TO ALLOW ACCESS TO CRANE MATS
SLOPE OF CRANE MATS NOT TO EXCEED 10%
EXISTING GROUND
1' X 20' CRANE MAT (TYP)
TEMPORARY MODIFICATION TO EXISTING GROUND**
NATIVE SOIL
SUBGRADE WITH SUFFICIENT BEARING CAPACITY FOR CRANE TRAVEL (DETAILS BY OTHERS)

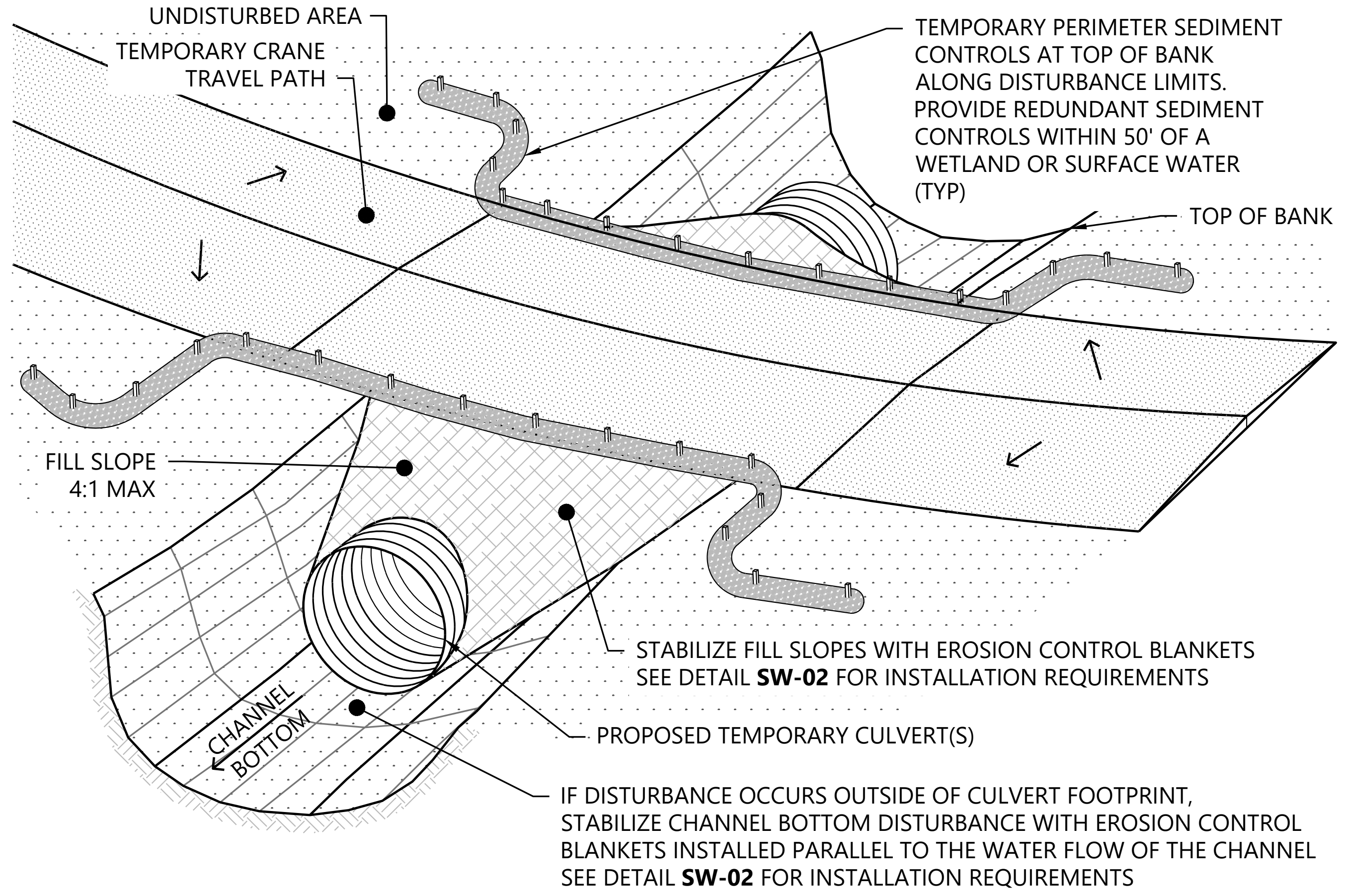
**NO CUT OR FILL ALLOWED IF WATERS OF THE US (WOTUS).
REVIEW ENVIRONMENTAL PERMITS.

SECTION A-A

NOTES:

1. STRUCTURAL DESIGN, SUBGRADE RECOMMENDATIONS, AND TESTING FOR CRANE WALKS AND CRANE PADS IS NOT INCLUDED. REFER TO THE GEOTECHNICAL REPORT, PROJECT SPECIFIC CRANE WALK/PAD STRUCTURAL DESIGN (IF AVAILABLE), GEOTECHNICAL ENGINEER, AND/OR CONTRACTOR FOR SPECIFIC INFORMATION.
2. SUBGRADE IMPROVEMENT AND COMPACTION MAY BE REQUIRED TO ACHIEVE SUFFICIENT BEARING CAPACITIES AS ARE NECESSARY FOR CRANE TRAVEL.
3. THE CRANE SHALL CROSS THE DRAINAGE SWALE AS CLOSE TO PERPENDICULAR AS POSSIBLE.
4. CHANNEL SLOPES MAY NEED MODIFICATION TEMPORARILY DURING CONSTRUCTION TO ALLOW FOR CRANE CROSSING. ANY MODIFICATIONS SHALL BE RESTORED TO ORIGINAL CONDITIONS UPON SITE RESTORATION. SEE DETAIL **CR-04** FOR RESTORATION.
5. REVIEW ALL ENVIRONMENTAL PERMITS PRIOR TO CROSSING DRAINAGE SWALE TO ENSURE CONFORMANCE WITH PERMIT REQUIREMENTS.
6. PROVIDE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE NPDES PERMIT. STABILIZE AND RESTORE ANY DISTURBED AREA IN ACCORDANCE WITH THE NPDES PERMIT AND ENVIRONMENTAL PERMIT REQUIREMENTS POST CRANE CROSSING.
7. TOTAL CRANE MATTING WIDTH VARIES BY CONTRACTOR AND EQUIPMENT, TYPICAL WIDTHS ARE PROVIDED.
8. MATS ARE TO BE REMOVED IMMEDIATELY AFTER CROSSING ACTIVITY IS COMPLETE.
9. IF RUTTING OR INDENTATIONS OCCURS DURING CRANE CROSSING, RESTORE TO ORIGINAL GRADE FOLLOWING REMOVAL OF CRANE MATS.

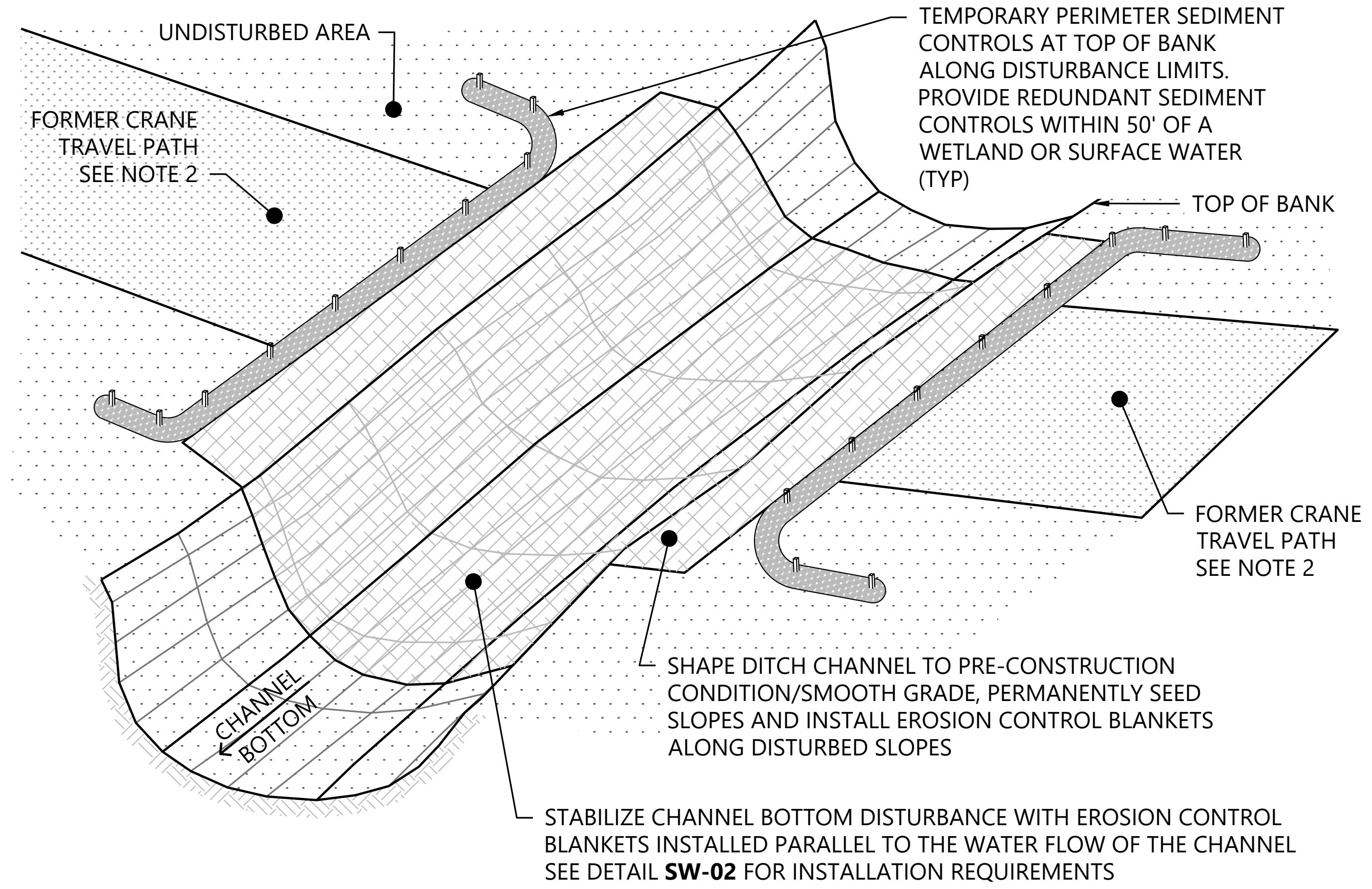
Westwood | CRANE CROSSING - EXISTING DRAINAGE SWALE WITH MATS | NOT TO SCALE | **CR-02**


UNDISTURBED AREA
TEMPORARY CRANE TRAVEL PATH
TEMPORARY PERIMETER SEDIMENT CONTROLS AT TOP OF BANK ALONG DISTURBANCE LIMITS. PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER (TYP)
TOP OF BANK
FILL SLOPE 4:1 MAX
CHANNEL BOTTOM
STABILIZE FILL SLOPES WITH EROSION CONTROL BLANKETS SEE DETAIL SW-02 FOR INSTALLATION REQUIREMENTS
PROPOSED TEMPORARY CULVERT(S)
IF DISTURBANCE OCCURS OUTSIDE OF CULVERT FOOTPRINT, STABILIZE CHANNEL BOTTOM DISTURBANCE WITH EROSION CONTROL BLANKETS INSTALLED PARALLEL TO THE WATER FLOW OF THE CHANNEL SEE DETAIL SW-02 FOR INSTALLATION REQUIREMENTS

NOTES:

1. CULVERT INSTALLATION SHALL CONFORM WITH MANUFACTURER'S RECOMMENDATION FOR INSTALLATION/REMOVAL.
2. TEMPORARY BRIDGING AND MATTING MAY BE SUBSTITUTED IN THE FIELD WITH APPROVAL FROM THE OWNER AND ENGINEER.
3. MINIMIZE DISTURBANCE TO THE STREAM/SWALE DURING CULVERT INSTALLATION/REMOVAL.
4. CROWN TEMPORARY CRANE PATH TO PROMOTE LATERAL DRAINAGE TOWARDS PERIMETER SEDIMENT CONTROLS.
5. RIPRAP WITH GEOTEXTILE FABRIC MAY BE SUBSTITUTED FOR THE EROSION CONTROL BLANKETS.
6. REFER TO THE NPDES PERMIT FOR ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES.
7. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS OR TOPSOIL BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
8. SEE DETAIL **CR-04** FOR RESTORATION.
9. CRANE MATS MAY BE ADDED ALONG THE TRAVEL PATH AT CONTRACTOR DISCRETION.
10. THIS DETAIL DOES NOT ADDRESS THE OVERALL STABILITY OF THE CROSSING. A LICENSED PROFESSIONAL SHALL DESIGN THE CROSSING DIMENSIONS, MATERIALS, PLACEMENT, AND TESTING TO ENSURE ADEQUATE SUBGRADE BEARING CAPACITY AND SLOPE STABILITY FOR THE PROPOSED CRANE TRAVEL.

Westwood | CRANE CROSSING - EXISTING DRAINAGE SWALE WITH CULVERT | NOT TO SCALE | **CR-03**


UNDISTURBED AREA
FORMER CRANE TRAVEL PATH SEE NOTE 2
TEMPORARY PERIMETER SEDIMENT CONTROLS AT TOP OF BANK ALONG DISTURBANCE LIMITS. PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER (TYP)
TOP OF BANK
FORMER CRANE TRAVEL PATH SEE NOTE 2
CHANNEL BOTTOM
SHAPE DITCH CHANNEL TO PRE-CONSTRUCTION CONDITION/SMOOTH GRADE, PERMANENTLY SEED SLOPES AND INSTALL EROSION CONTROL BLANKETS ALONG DISTURBED SLOPES
STABILIZE CHANNEL BOTTOM DISTURBANCE WITH EROSION CONTROL BLANKETS INSTALLED PARALLEL TO THE WATER FLOW OF THE CHANNEL SEE DETAIL SW-02 FOR INSTALLATION REQUIREMENTS

NOTES:

1. REMOVE RIPRAP, FILL MATERIAL AND SHAPE CHANNEL TO APPROXIMATE PRE-CONSTRUCTION CONDITION. PERMANENTLY SEED ALL DISTURBED SLOPES IN CONFORMANCE WITH THE NPDES PERMIT. INSTALL EROSION CONTROL BLANKETS, ADEQUATE FOR FLOW CONDITIONS, ON ALL DISTURBED SLOPES GREATER THAN 4:1, WHERE ANY FLOWS ARE CONCENTRATED AND WITHIN THE DITCHES WETTED PERIMETER.
2. DECOMPACT, REAPPLY TOPSOIL AND TILL DISTURBED AREA TO RESTORE TO PRE-CONSTRUCTION AGRICULTURAL CONDITION AND RESTORE ANY VEGETATED BUFFER THAT EXISTED PRE-CONSTRUCTION.
3. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS OR TOPSOIL BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
4. REMOVE PERIMETER SEDIMENT CONTROL ONCE FINAL STABILIZATION HAS OCCURRED WITH A MINIMUM OF 70% VEGETATION UPHILL OF PERIMETER SEDIMENT CONTROL.

Westwood | CRANE CROSSING - EXISTING DRAINAGE SWALE RESTORATION | NOT TO SCALE | **CR-04**

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 6

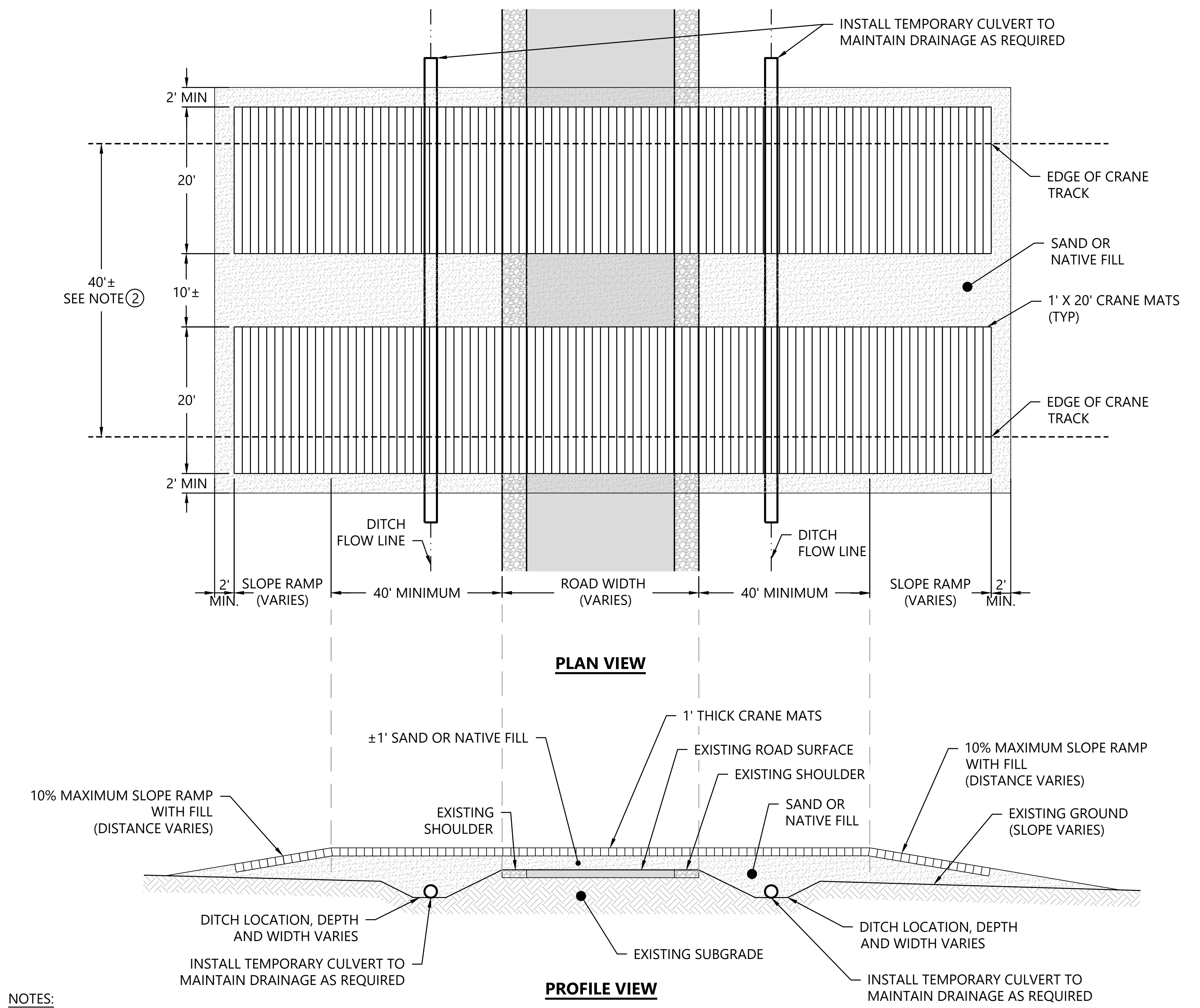
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C705

REV: 5

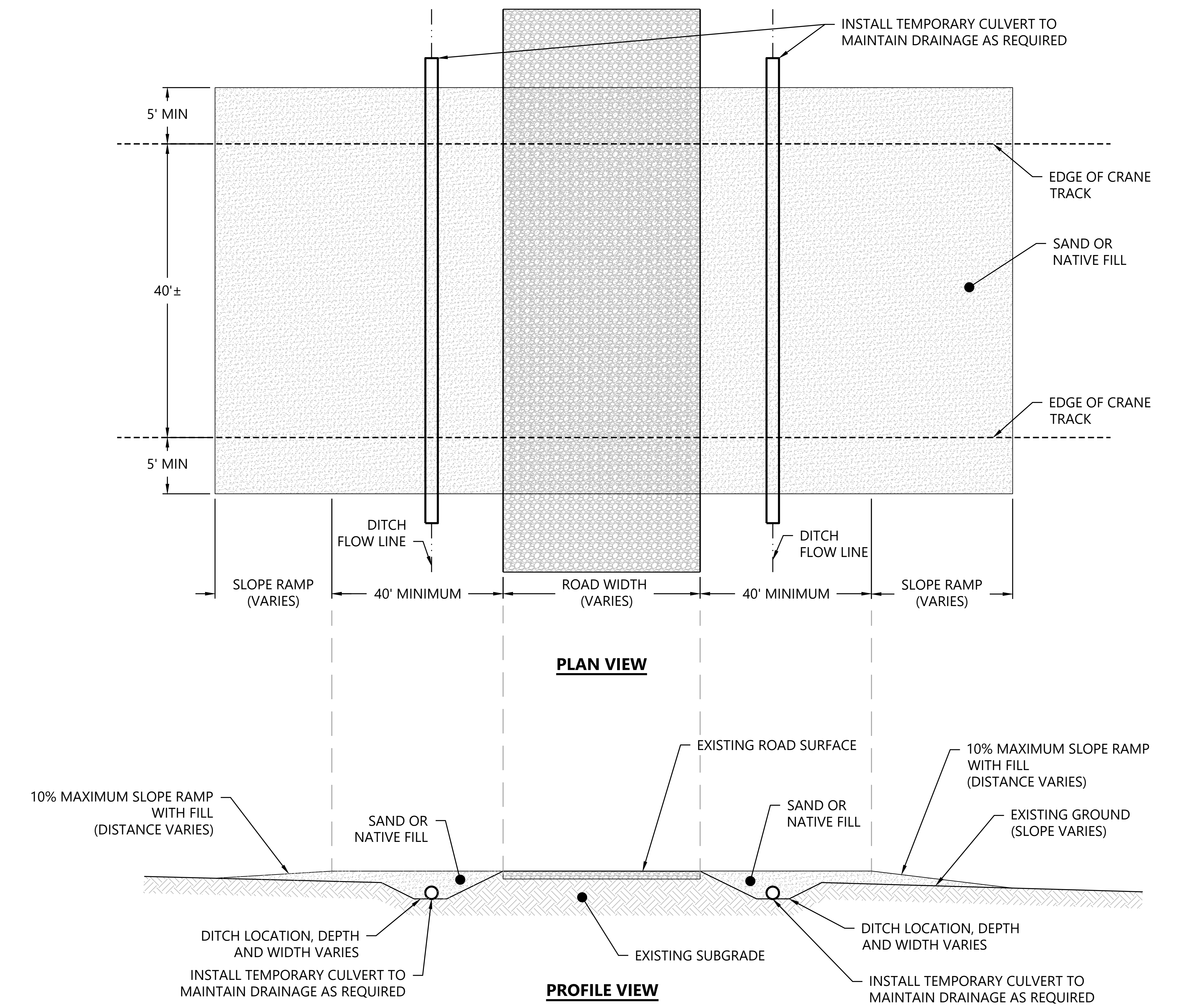
\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-DT01.dwg 10/14/2025 2:59 PM Sofia Lara Carrillo


INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
2' MIN
20'
40'±
SEE NOTE ②
10'±
20'
2' MIN
EDGE OF CRANE TRACK
SAND OR NATIVE FILL
1' X 20' CRANE MATS (TYP)
EDGE OF CRANE TRACK
DITCH FLOW LINE
DITCH FLOW LINE
2' MIN.
SLOPE RAMP (VARIES)
40' MINIMUM
ROAD WIDTH (VARIES)
40' MINIMUM
SLOPE RAMP (VARIES)
2' MIN.
PLAN VIEW
1' THICK CRANE MATS
±1' SAND OR NATIVE FILL
EXISTING ROAD SURFACE
EXISTING SHOULDER
10% MAXIMUM SLOPE RAMP WITH FILL (DISTANCE VARIES)
10% MAXIMUM SLOPE RAMP WITH FILL (DISTANCE VARIES)
EXISTING SHOULDER
SAND OR NATIVE FILL
EXISTING GROUND (SLOPE VARIES)
DITCH LOCATION, DEPTH AND WIDTH VARIES
INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
EXISTING SUBGRADE
DITCH LOCATION, DEPTH AND WIDTH VARIES
INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
PROFILE VIEW

NOTES:

1. CROSSING SHALL BE APPROVED BY THE LOCAL ROAD AUTHORITY PRIOR TO USE.
② CRANE TRACKS TO BE CENTERED ON CRANE MATS.
3. CRANE MATS MUST EXTEND A MINIMUM OF 40' FROM THE EDGE OF THE EXISTING ROAD SURFACE.
4. SAND/NATIVE FILL BLISTER TO BE CENTERED UNDER THE CRANE MATS AND EXTEND A MINIMUM OF 2 FEET OUTSIDE OF THE CRANE MAT FOOTPRINT.
5. THE CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE NPDES PERMIT. STABILIZE AND RESTORE ANY DISTURBED AREA IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS POST CRANE CROSSING.
6. ALL DISTURBED AREA WITHIN THE PUBLIC ROW TO BE RETURNED TO EXISTING CONDITIONS.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS TO THE ROAD BASED ON DAMAGE CAUSED BY THE CROSSING OF THE CRANE.
8. TOTAL CRANE MATTING WIDTH VARIES BY CONTRACTOR AND EQUIPMENT, TYPICAL WIDTHS ARE PROVIDED.
9. PROVIDE TRAFFIC CONTROL PER THE MUTCD FOR TEMPORARY ROAD CLOSURES.
10. VERIFY COMPACTION AND BEARING CAPACITY MEET CRANE REQUIREMENTS.

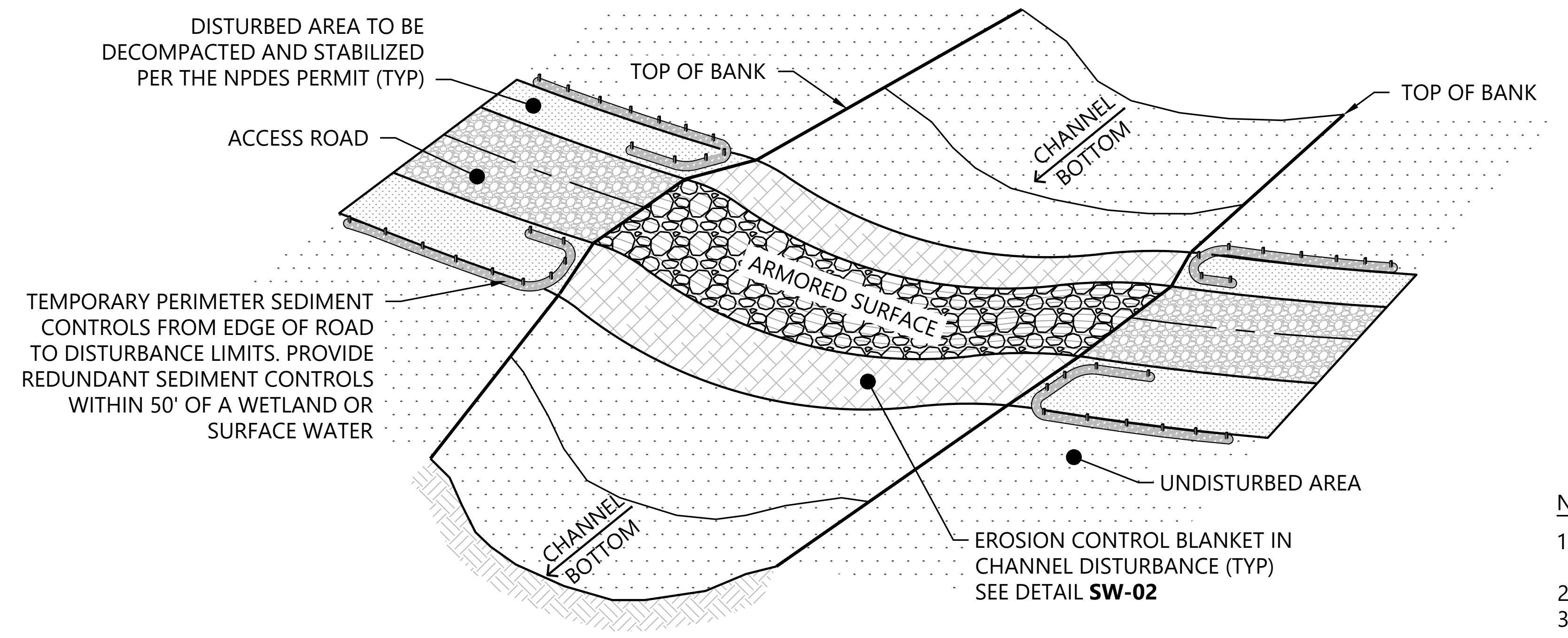
Westwood | CRANE CROSSING - PAVED PUBLIC ROAD | NOT TO SCALE | CR-05

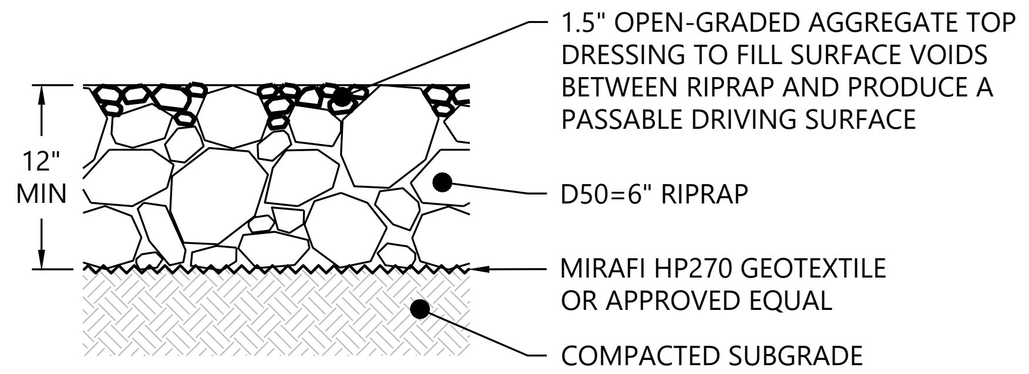

INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
5' MIN
40'±
5' MIN
EDGE OF CRANE TRACK
SAND OR NATIVE FILL
EDGE OF CRANE TRACK
DITCH FLOW LINE
DITCH FLOW LINE
SLOPE RAMP (VARIES)
40' MINIMUM
ROAD WIDTH (VARIES)
40' MINIMUM
SLOPE RAMP (VARIES)
PLAN VIEW
EXISTING ROAD SURFACE
10% MAXIMUM SLOPE RAMP WITH FILL (DISTANCE VARIES)
10% MAXIMUM SLOPE RAMP WITH FILL (DISTANCE VARIES)
SAND OR NATIVE FILL
SAND OR NATIVE FILL
EXISTING GROUND (SLOPE VARIES)
DITCH LOCATION, DEPTH AND WIDTH VARIES
INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
EXISTING SUBGRADE
DITCH LOCATION, DEPTH AND WIDTH VARIES
INSTALL TEMPORARY CULVERT TO MAINTAIN DRAINAGE AS REQUIRED
PROFILE VIEW

NOTES:

1. CROSSING SHALL BE APPROVED BY THE LOCAL ROAD AUTHORITY PRIOR TO USE.
2. SAND/NATIVE FILL TO BE CENTERED UNDER THE PROPOSED CROSSING LOCATION AND EXTEND A MINIMUM OF 40' FROM THE EDGE OF THE EXISTING ROAD SURFACE. THE SAND/NATIVE FILL BLISTER SHALL EXTEND A MINIMUM OF 5 FEET OUTSIDE OF THE CRANE TRAVEL FOOTPRINT.
3. THE CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE NPDES PERMIT. STABILIZE AND RESTORE ANY DISTURBED AREA IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS POST CRANE CROSSING.
4. ALL DISTURBED AREA WITHIN THE PUBLIC ROW TO BE RETURNED TO EXISTING CONDITIONS.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS TO THE ROAD BASED ON DAMAGE CAUSED BY THE CROSSING OF THE CRANE.
6. TOTAL CROSSING WIDTH VARIES BY CONTRACTOR AND EQUIPMENT, TYPICAL WIDTHS ARE PROVIDED.
7. PROVIDE TRAFFIC CONTROL PER THE MUTCD FOR TEMPORARY ROAD CLOSURES.
8. VERIFY COMPACTION AND BEARING CAPACITY MEET CRANE REQUIREMENTS.

Westwood | CRANE CROSSING - GRAVEL PUBLIC ROAD | NOT TO SCALE | CR-06


DISTURBED AREA TO BE DECOMPACTED AND STABILIZED PER THE NPDES PERMIT (TYP)
TOP OF BANK
TOP OF BANK
ACCESS ROAD
CHANNEL BOTTOM
ARMORED SURFACE
TEMPORARY PERIMETER SEDIMENT CONTROLS FROM EDGE OF ROAD TO DISTURBANCE LIMITS. PROVIDE REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF A WETLAND OR SURFACE WATER
UNDISTURBED AREA
CHANNEL BOTTOM
EROSION CONTROL BLANKET IN CHANNEL DISTURBANCE (TYP) SEE DETAIL SW-02


12" MIN
1.5" OPEN-GRADED AGGREGATE TOP DRESSING TO FILL SURFACE VOIDS BETWEEN RIPRAP AND PRODUCE A PASSABLE DRIVING SURFACE
D50=6" RIPRAP
MIRAFI HP270 GEOTEXTILE OR APPROVED EQUAL
COMPACTED SUBGRADE

STANDARD ARMORED SURFACE

NOTES:

1. CHANNEL SIDE SLOPES MAY REQUIRE MODIFICATION TO CONSTRUCT THE ACCESS ROAD THROUGH THE CHANNEL TO MEET REQUIREMENTS OF CONSTRUCTION AND DELIVERY VEHICLES.
2. THE ACCESS ROAD SHALL CROSS THE CHANNEL AS CLOSE TO PERPENDICULAR AS POSSIBLE.
3. THE FINISHED ACCESS ROAD SURFACE SHALL BE AT AN ELEVATION THAT ALLOWS WATER TO FLOW THROUGH THE CHANNEL UNIMPEDED AND WITHOUT PONDING UPSTREAM OF ROAD OR ON THE ROAD SURFACE.
4. ARMORED SURFACE SHALL EXTEND THROUGH THE CHANNEL BOTTOM AND UP THE CHANNEL SIDE SLOPES TO THE OBSERVED TOP OF BANK OF THE CHANNEL, UNLESS OTHERWISE NOTED.
5. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
6. STABILIZE DISTURBED GROUND IN ACCORDANCE WITH THE NPDES PERMIT.
7. CROSSING MAY BE INSTALLED DURING THE PROJECT RESTORATION PHASE. IF INSTALLED DURING CONSTRUCTION, MONITOR THE CROSSING FOR DAMAGE FROM CONSTRUCTION TRAFFIC. ADDITIONAL MAINTENANCE OR REPAIRS MAY BE REQUIRED.

Westwood | STANDARD DUTY LOW WATER CROSSING | NOT TO SCALE | DN-01

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 7

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C706

REV: 5

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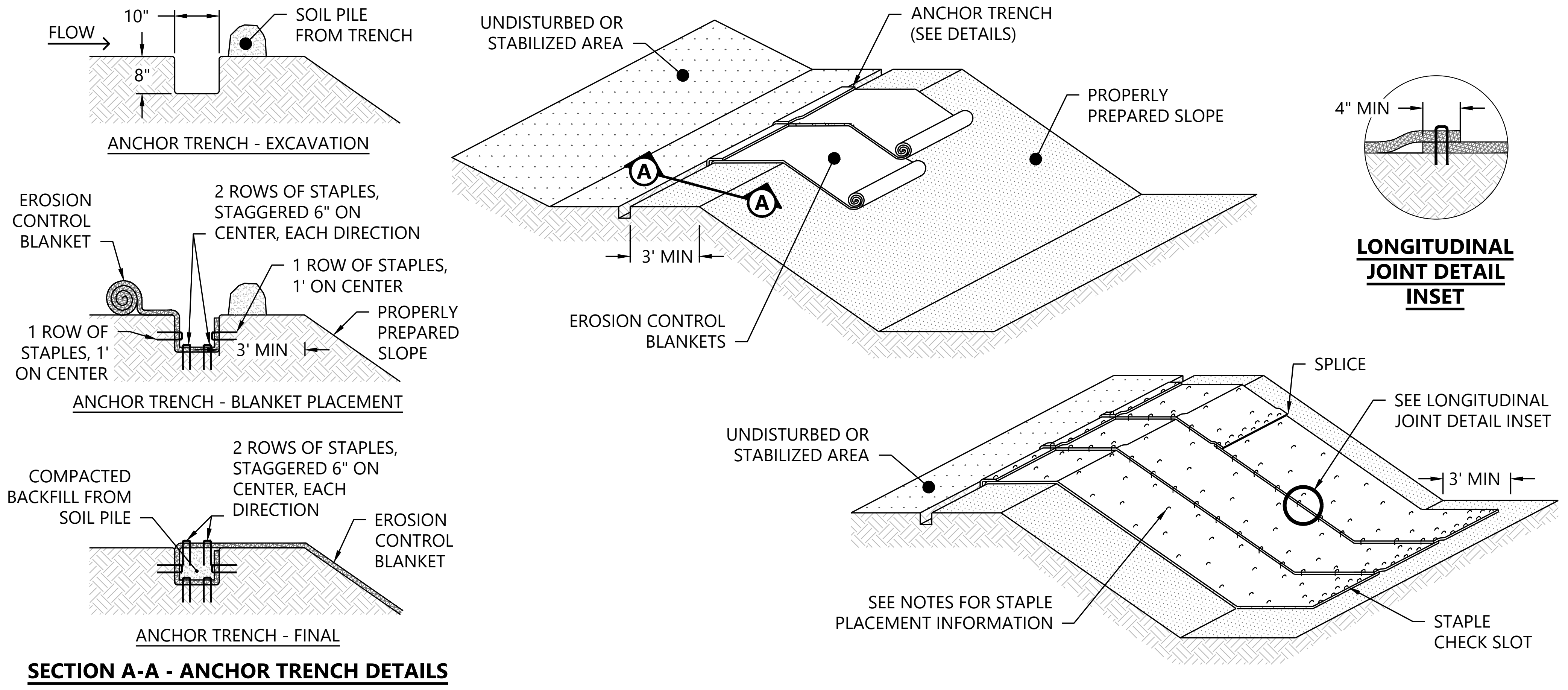
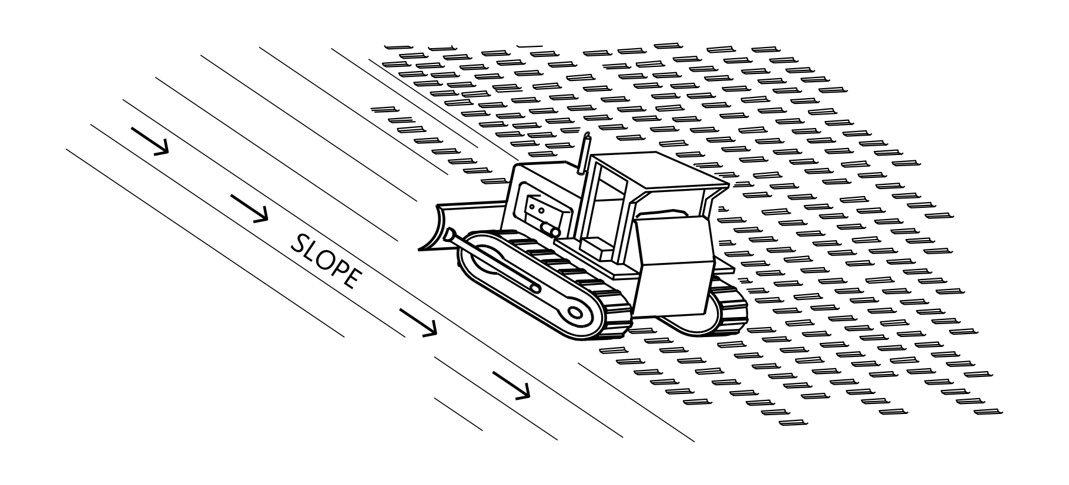

FLOW
10"
8"
SOIL PILE FROM TRENCH
ANCHOR TRENCH - EXCAVATION
EROSION CONTROL BLANKET
2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION
1 ROW OF STAPLES, 1' ON CENTER
PROPERLY PREPARED SLOPE
1 ROW OF STAPLES, 1' ON CENTER
3' MIN
ANCHOR TRENCH - BLANKET PLACEMENT
COMPACTED BACKFILL FROM SOIL PILE
2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION
EROSION CONTROL BLANKET
ANCHOR TRENCH - FINAL
SECTION A-A - ANCHOR TRENCH DETAILS
UNDISTURBED OR STABILIZED AREA
ANCHOR TRENCH (SEE DETAILS)
PROPERLY PREPARED SLOPE
A
A
3' MIN
EROSION CONTROL BLANKETS
4" MIN
LONGITUDINAL JOINT DETAIL INSET
SPLICE
SEE LONGITUDINAL JOINT DETAIL INSET
UNDISTURBED OR STABILIZED AREA
3' MIN
SEE NOTES FOR STAPLE PLACEMENT INFORMATION
STAPLE CHECK SLOT

NOTES:

1. EROSION CONTROL BLANKETS ARE INTENDED TO BE USED AS AN IMMEDIATE MULCH COVER FOR DISTURBED SLOPES THAT HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED.
2. EROSION CONTROL BLANKETS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS. WHEN NOT AVAILABLE, INSTALL ACCORDING TO THIS DETAIL AND THE FOLLOWING NOTES:
   - 2.1. STEP ONE: SITE PREPARATION. TO PREVENT TENTING THE SITE SHOULD BE FINE GRADED TO A SMOOTH PROFILE AND RELATIVELY FREE FROM ALL WEEDS, CLODS, STONES, ROOTS, STICKS, RIVULETS, GULLIES, CRUSTING, AND CAKING. FILL ANY VOIDS AND MAKE SURE THE SLOPE IS COMPACTED PROPERLY.
   - 2.2. STEP TWO: ADEQUATE TOPSOIL SHALL BE REAPPLIED AFTER GRADING PRIOR TO SEEDING.
   - 2.3. STEP THREE: SEEDING. SEEDING WITHOUT MULCH SHOULD BE APPLIED TO THE AREA TO BE VEGETATED.
   - 2.4. STEP FOUR: PREPARE THE ANCHOR TRENCH. AT THE TOP OF THE SLOPE EXCAVATE AN ANCHOR TRENCH 8" X 10". THE EROSION CONTROL BLANKET WILL BE ANCHORED INTO THE TRENCH BY STAPLES. ALLOW A MINIMUM OF 3' FROM THE CREST OF THE SLOPE TO THE ANCHOR TRENCH.
   - 2.5. STEP FIVE: SECURE THE EROSION CONTROL BLANKET IN THE ANCHOR TRENCH. PLACE THE BEGINNING OF THE EROSION CONTROL BLANKET INTO THE ANCHOR TRENCH SIDE CLOSEST TO THE SLOPE. ANCHOR THE EROSION CONTROL BLANKET WITH STAPLES 1' ON CENTER IN THE ANCHOR TRENCH SIDES AND 2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION, ON THE BOTTOM OF THE TRENCH WHEN NO OTHER GUIDANCE IS AVAILABLE. DRIVE STAPLES FLUSH WITH THE SOIL SURFACE. BACKFILL THE ANCHOR TRENCH AND COMPACT THE SOIL. PLACE SEED OVER THE COMPACTED SOIL. COVER THE COMPACTED SOIL BY ROLLING THE EROSION CONTROL BLANKET DOWN THE SLOPE. PLACE 2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION, OVER THE ANCHOR TRENCH.
   - 2.6. STEP SIX: EROSION CONTROL BLANKET DEPLOYMENT. STARTING AT THE CREST OF THE SLOPE, ROLL THE EROSION CONTROL BLANKET DOWN THE SLOPE IN A CONTROLLED MANNER TO PREVENT EXCESSIVE STRETCHING. APPROXIMATELY EVERY 20'-25' PULL THE EROSION CONTROL BLANKET TO TAKE OUT ANY EXCESS SLACK. THE GOAL IS TO HAVE THE EROSION CONTROL BLANKET CONTOUR AND INITIATE CONTACT WITH THE SOIL.
   - 2.7. STEP SEVEN: STAPLE OR STAKE THE EROSION CONTROL BLANKET. SECURE THE OVERLAP OR THE EDGES WITH STAPLES. THE TYPICAL INSTALLATION WILL REQUIRE ONE STAPLE PLACED AT 3' INTERVALS ALONG THE VERTICAL LENGTH OF THE EROSION CONTROL BLANKET. STAPLES SHOULD BE STAGGERED EVERY 18" TO 24" HORIZONTALLY ACROSS THE EROSION CONTROL BLANKET. IF THE EROSION CONTROL BLANKET NEEDS TO BE SPLICED IN THE MIDDLE OF A SLOPE BE SURE THE EROSION CONTROL BLANKET IS "SHINGLED" WITH UP-SLOPE EROSION CONTROL BLANKET OVERLAPPING THE DOWN-SLOPE EROSION CONTROL BLANKET. THERE SHOULD BE A MINIMUM OF 4" OF OVERLAP IN A SPLICE. USE A STAPLE CHECK SLOT TO SECURE THE OVERLAP. A STAPLE CHECK SLOT IS MADE BY PLACING A ROW OF STAPLES 4" ON CENTER AND THEN PLACING A SECOND ROW OF STAPLES 4" ON CENTER, STAGGERED FROM THE FIRST ROW.
   - 2.8. STEP EIGHT: SECURING THE EROSION CONTROL BLANKET AT THE TOE OF THE SLOPE. ROLL THE EROSION CONTROL BLANKET 36" PAST THE TOE OF THE SLOPE. CONSTRUCT A STAPLE CHECK SLOT ALONG THE TERMINAL END OF THE EROSION CONTROL BLANKET BY INSTALLING 2 ROWS OF STAGGERED STAPLES 4" APART ON 4" CENTERS. IN HIGH WIND REGIONS, AN ALTERNATE METHOD FOR SECURING THE BLANKET IS TO UTILIZE THE SAME ANCHOR TRENCH METHOD UTILIZED AT THE CREST OF SLOPE.

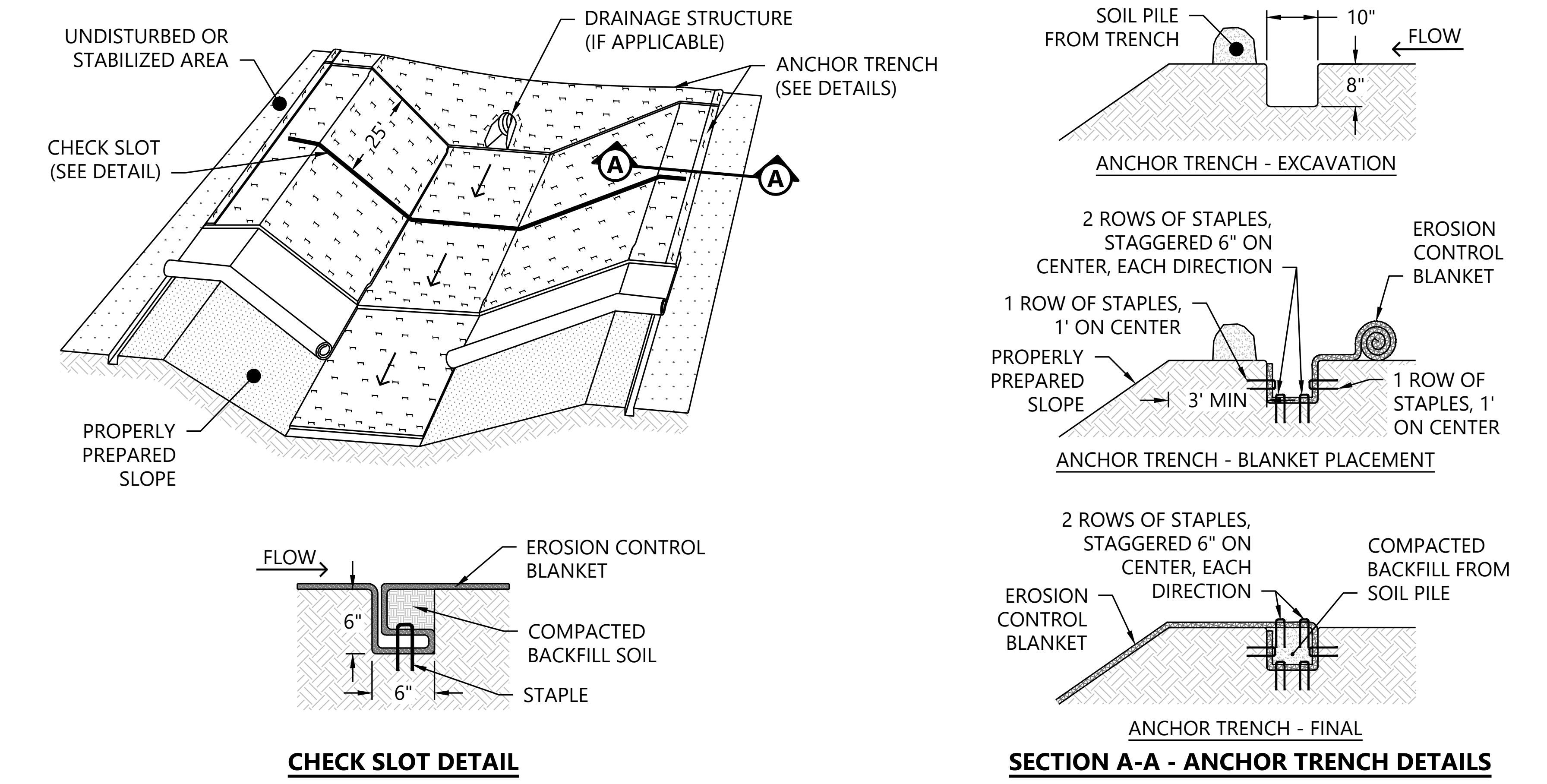
Westwood | EROSION CONTROL BLANKET INSTALLATION FOR SLOPE | NOT TO SCALE | SW-01



NOTES:

1. LIMIT ROUGHENING WITH TRACKED MACHINERY TO SOILS WITH A SANDY TEXTURAL COMPONENT TO AVOID UNDUE COMPACTION OF THE SOIL SURFACE. TRACKING SOILS WITH HEAVY CLAY CONTENT CAN CAUSE COMPACTION AND SEAL THE SLOPE SOILS, INCREASING RUNOFF AND MAKING SEED GERMINATION DIFFICULT.
2. OPERATE TRACKED MACHINERY UP AND DOWN THE SLOPE TO LEAVE HORIZONTAL DEPRESSIONS IN THE SOIL. USE FOR SLOPES 4:1 AND STEEPER LONGER THAN 50 LINEAR FEET. DO NOT BACK-BLADE DURING THE FINAL GRADING OPERATION.
3. IMMEDIATELY SEED AND STABILIZE (MULCH OR HYDRO MULCH) ROUGHENED AREAS TO OBTAIN OPTIMUM SEED GERMINATION AND GROWTH.
4. RECOMMEND USE OF SLOPE INTERRUPTERS, SUCH AS FURROWS OR FIBER LOGS, ON LONG (> 50 FEET), STEEP (≥4:1) SLOPES.

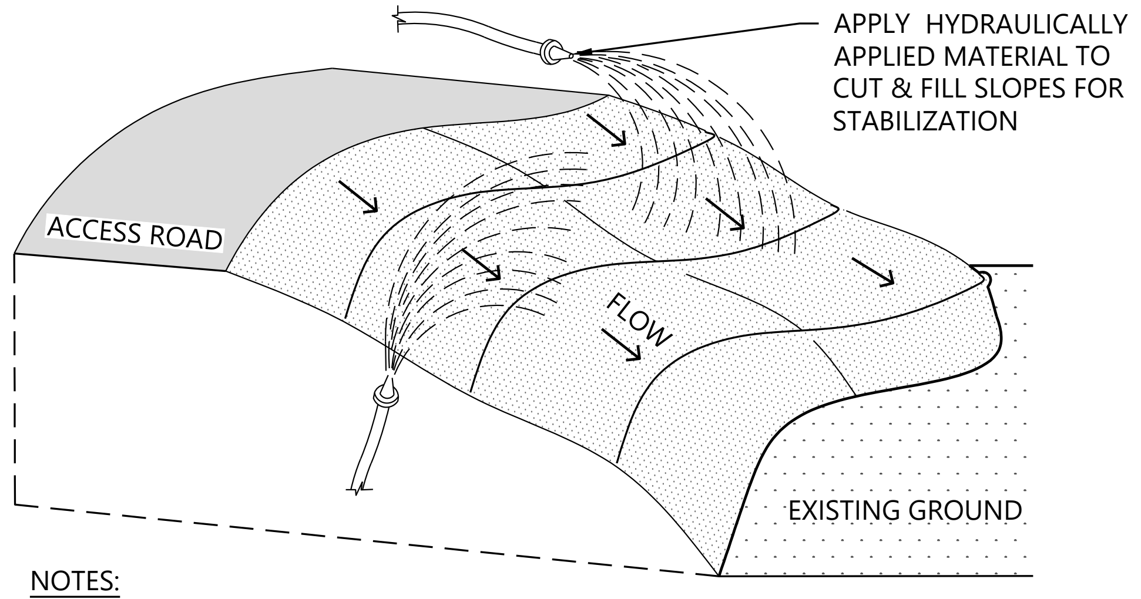
Westwood | SLOPE ROUGHENING WITH TRACKED MACHINERY | NOT TO SCALE | SW-03


UNDISTURBED OR STABILIZED AREA
DRAINAGE STRUCTURE (IF APPLICABLE)
ANCHOR TRENCH (SEE DETAILS)
CHECK SLOT (SEE DETAIL)
25'
A
A
PROPERLY PREPARED SLOPE
FLOW
EROSION CONTROL BLANKET
6"
COMPACTED BACKFILL SOIL
6"
STAPLE
CHECK SLOT DETAIL
SOIL PILE FROM TRENCH
10"
FLOW
8"
ANCHOR TRENCH - EXCAVATION
2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION
EROSION CONTROL BLANKET
1 ROW OF STAPLES, 1' ON CENTER
PROPERLY PREPARED SLOPE
3' MIN
1 ROW OF STAPLES, 1' ON CENTER
ANCHOR TRENCH - BLANKET PLACEMENT
2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION
EROSION CONTROL BLANKET
COMPACTED BACKFILL FROM SOIL PILE
ANCHOR TRENCH - FINAL
SECTION A-A - ANCHOR TRENCH DETAILS

NOTES:

1. EROSION CONTROL BLANKETS ARE USED TO TEMPORARILY AND PERMANENTLY STABILIZE DITCHES AND SWALES.
2. EROSION CONTROL BLANKETS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. WHEN NOT AVAILABLE INSTALL ACCORDING TO THIS DETAIL AND THE FOLLOWING NOTES:
   - 2.1. STEP ONE: SITE PREPARATION. TO PREVENT TENTING THE CHANNEL SHOULD BE FINE GRADED TO A SMOOTH PROFILE AND RELATIVELY FREE FROM ALL WEEDS, CLODS, STONES, ROOTS, STICKS, RIVULETS, GULLIES, CRUSTING, AND CAKING. FILL ANY VOIDS AND MAKE SURE THE CHANNEL IS COMPACTED PROPERLY.
   - 2.2. STEP TWO: ADEQUATE TOPSOIL SHALL BE REAPPLIED AFTER GRADING PRIOR TO SEEDING.
   - 2.3. STEP THREE: SEEDING. SEEDING WITHOUT MULCH SHOULD BE APPLIED TO THE AREA TO BE VEGETATED.
   - 2.4. STEP FOUR: ANCHORING THE EROSION CONTROL BLANKET. EROSION CONTROL BLANKETS SHALL BE ANCHORED AT THE BEGINNING OF THE CHANNEL. A 8" X 10" DEEP TRENCH SHOULD BE EXCAVATED PERPENDICULAR TO THE DIRECTION OF WATER FLOW ACROSS THE ENTIRE WIDTH OF THE CHANNEL. PLACE THE BEGINNING OF THE EROSION CONTROL BLANKET INTO THE ANCHOR TRENCH SIDE CLOSEST TO THE SLOPE. ANCHOR THE EROSION CONTROL BLANKET WITH STAPLES 1' ON CENTER IN THE ANCHOR TRENCH SIDES AND 2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION, ON THE BOTTOM OF THE TRENCH WHEN NO OTHER GUIDANCE IS AVAILABLE. DRIVE STAPLES FLUSH WITH THE SOIL SURFACE. BACKFILL THE ANCHOR TRENCH AND COMPACT THE SOIL. PLACE SEED OVER THE COMPACTED SOIL. COVER THE COMPACTED SOIL BY ROLLING THE EROSION CONTROL BLANKET DOWN THE SLOPE. PLACE 2 ROWS OF STAPLES, STAGGERED 6" ON CENTER, EACH DIRECTION, OVER THE ANCHOR TRENCH.
   - 2.5. STEP FIVE: EROSION CONTROL BLANKET DEPLOYMENT IN THE CHANNEL BOTTOM. THE EROSION CONTROL BLANKETS SHOULD BE UNROLLED IN THE DIRECTION OF WATER FLOW. FIRST THE EROSION CONTROL BLANKET IS DEPLOYED IN THE CHANNEL BOTTOM. IT IS ALSO NECESSARY TO PREVENT A SEAM FROM GOING DOWN THE CENTER OF THE CHANNEL BOTTOM OR IN AREAS OF CONCENTRATED WATER FLOW. WHEN INSTALLING TWO EROSION CONTROL BLANKETS SIDE BY SIDE IN A WATERWAY THE CENTER OF THE EROSION CONTROL BLANKET SHOULD BE CENTERED IN THE AREA OF CONCENTRATED WATER FLOW. INSTALL ADJOINING EROSION CONTROL BLANKETS AWAY FROM THE CENTER OF THE CHANNEL BOTTOM. ADJOINING EROSION CONTROL BLANKETS SHOULD BE OVERLAPPED 4" TO 6". CONTINUE TO INSTALL A COMMON ROW OF STAPLES AT 2' CENTERS ALONG THE LENGTH OF THE OVERLAP.
   - 2.6. STEP SIX: CHECK SLOTS. CHECK SLOTS SHOULD BE PLACED PERPENDICULAR TO THE FLOW DIRECTION ACROSS THE ENTIRE WIDTH OF THE CHANNEL AT 25' INTERVALS AND AT THE TERMINAL END OF THE CHANNEL. THE CHECK SLOTS SHOULD BE PLACED IN A 6" X 6" TRENCH AS SHOWN. SECURE THE EROSION CONTROL BLANKET IN THE UPSTREAM SIDE OF THE CHECK SLOT WITH STAPLES OR STAKES ON 12" CENTERS. FLIP THE EROSION CONTROL BLANKET ROLL ON THE UPSTREAM EDGE. BACK FILL THE CHECK SLOT AS SHOWN AND COMPACT THE SOIL. CONTINUE ROLLING THE EROSION CONTROL BLANKET DOWNSTREAM OVER THE COMPLETED CHECK SLOT.
   - 2.7. STEP SEVEN: EROSION CONTROL BLANKET DEPLOYMENT ON THE SIDE SLOPES. CONTINUE TO ROLL THE EROSION CONTROL BLANKET ALONG THE CHANNEL BOTTOM AND SIDE SLOPES IN THE DIRECTION OF THE WATER FLOW. AS THE EROSION CONTROL BLANKET IS INSTALLED FROM THE CHANNEL BOTTOM UP THE SLOPE, A SHINGLE TYPE INSTALLATION IS NECESSARY WITH THE UP-SLOPE EROSION CONTROL BLANKET OVERLAPPING THE LOWER EROSION CONTROL BLANKET APPROXIMATELY 4". ANCHOR THE EROSION CONTROL BLANKETS WITH A MINIMUM OF ONE STAPLE EVERY 24" ACROSS THE WIDTH AND ONE STAPLE EVERY 36" DOWN ITS LENGTH. IF THE EROSION CONTROL BLANKET NEEDS TO BE SPLICED, BE SURE THE EROSION CONTROL BLANKET IS "SHINGLED" WITH THE UPSTREAM EROSION CONTROL BLANKET OVERLAPPING THE DOWNSTREAM EROSION CONTROL BLANKET. THERE SHOULD BE A MINIMUM OF 4" OF OVERLAP IN A SPLICE. USE A STABLE CHECK SLOT TO SECURE THE OVERLAP. ANCHOR THE EROSION CONTROL BLANKET PLACED AT THE TOP OF THE CHANNEL SLOPE IN THE SAME MANNER AS SHOWN.
   - 2.8. STEP EIGHT: TERMINAL END. SECURE THE EROSION CONTROL BLANKET AT THE TERMINAL END OF THE CHANNEL WITH A SLOT SIMILAR TO THE ONE MADE AT THE BEGINNING OF THE CHANNEL.

Westwood | EROSION CONTROL BLANKET INSTALLATION FOR CHANNEL | NOT TO SCALE | SW-02


APPLY HYDRAULICALLY APPLIED MATERIAL TO CUT & FILL SLOPES FOR STABILIZATION
ACCESS ROAD
FLOW
EXISTING GROUND

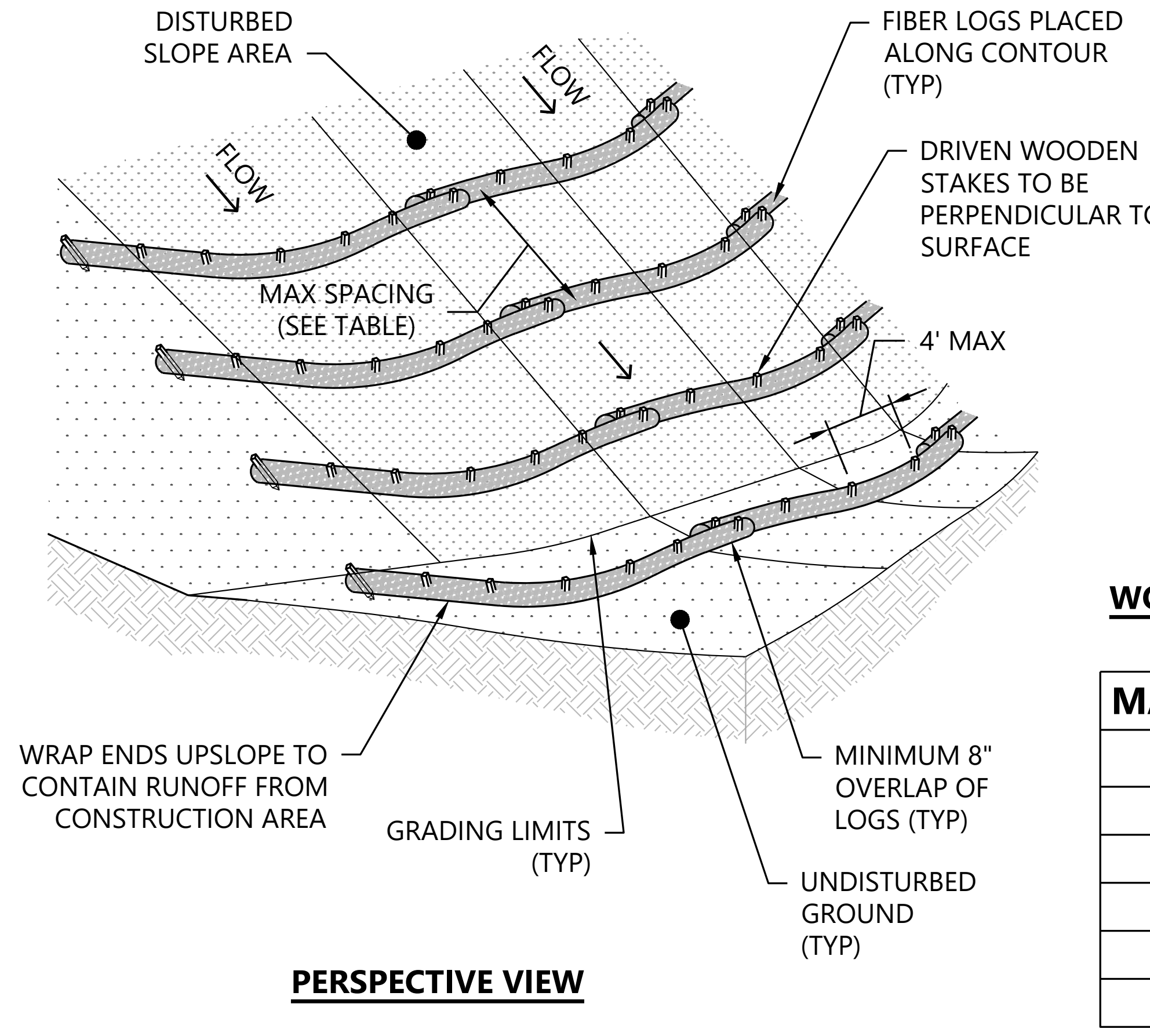
NOTES:

1. REFER TO THE MANUFACTURER OR SUPPLIER OF THE PRODUCT FOR APPLICATION, IMPLEMENTATION, AND SPECIFICATION REQUIREMENTS.
2. ALL HYDRAULICALLY APPLIED MATERIAL SHALL BE APPROVED BY ALL JURISDICTIONS HAVING AUTHORITY.
3. APPLY HYDRAULICALLY APPLIED MATERIAL TO EXPOSED SOILS FOR STABILIZATION MEASURES. EXPOSED SOILS MAY INCLUDE ROUGH GRADED AREAS, SOIL STOCKPILES, CUT/FILL SLOPES, ETC.
4. PREPARE SOIL SURFACES IN ACCORDANCE WITH PLANNED SEED BED PREPARATION.
5. AVOID OVERSPRAY ONTO ROADS AND INFRASTRUCTURE.
6. APPLY TWO DIRECTIONS (90 DEGREES BETWEEN) TO ADEQUATELY COVER THE SOIL.
7. ALLOW ADEQUATE TIME FOR HYDRAULICALLY APPLIED MATERIAL TO DRY. HYDRAULICALLY APPLIED MATERIAL SHOULD NOT BE APPLIED IMMEDIATELY BEFORE, DURING OR IMMEDIATELY AFTER RAINFALL OR IF THE SOIL IS SATURATED.
8. APPLY SEED PRIOR TO HYDRAULICALLY APPLIED MATERIAL OR MIX SEED WITH HYDRAULICALLY APPLIED MATERIAL PRIOR TO APPLICATION.

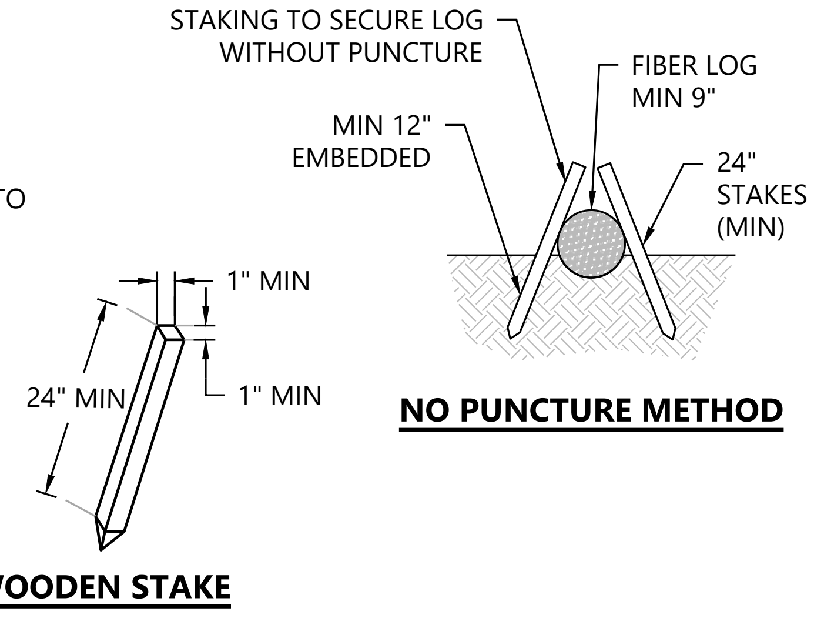
Westwood | SLOPE STABILIZATION - HYDRAULICALLY APPLIED MATERIAL | NOT TO SCALE | SW-04

NOTES:

1. FIBER LOGS SHALL BE PREFABRICATED AND MADE FROM CERTIFIED STRAW, WOOD, COCONUT FIBER, OR SIMILAR AGRICULTURAL MATERIAL BOUND INTO A TIGHT TUBULAR LOG BY NETTING. USE A 9" DIA. LOG MINIMUM.
2. STAKE FIBER LOGS INTO THE TRENCH. DRIVE STAKES AT THE END OF EACH FIBER LOG AND SPACED 4 FEET MAXIMUM ON CENTER. USE WOOD STAKES WITH NOMINAL CLASSIFICATION OF 1" BY 1" AND A MINIMUM LENGTH OF 24".
3. PREPARE THE SLOPE BEFORE BEGINNING THE INSTALLATION.
4. DIG SMALL TRENCHES ACROSS THE SLOPE ON THE CONTOUR. THE TRENCH DEPTH SHOULD BE 1/4 TO 1/3 OF THE THICKNESS OF THE LOG, AND THE WIDTH SHOULD EQUAL THE LOG DIAMETER, IN ORDER TO PROVIDE AREA TO BACKFILL THE TRENCH.
5. LOGS SHALL BE INSTALLED PERPENDICULAR TO WATER MOVEMENT, AND PARALLEL TO THE SLOPE CONTOUR.
6. START BUILDING TRENCHES AND INSTALLING LOGS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
7. TURN THE ENDS OF THE FIBER LOGS UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE LOG.
8. IF MORE THAN ONE FIBER LOG IS PLACED IN A ROW, THE LOGS SHOULD BE OVERLAPPED, NOT ABUTTED.
9. FIBER LOGS ENCASED WITH PLASTIC NETTING ARE USED FOR A TEMPORARY APPLICATION ONLY AND SHOULD BE REMOVED FOLLOWING STABILIZATION. FIBER LOGS USED IN A PERMANENT APPLICATION SHALL BE ENCASED WITH A BIODEGRADABLE MATERIAL AND MAY BE LEFT IN.
10. TEMPORARY INSTALLATIONS SHOULD ONLY BE REMOVED WHEN UP GRADIENT AREAS ARE STABILIZED PER GENERAL PERMIT REQUIREMENTS, AND/OR POLLUTANT SOURCES NO LONGER PRESENT A HAZARD. BUT, THEY SHOULD ALSO BE REMOVED BEFORE VEGETATION BECOMES TOO MATURE SO THAT THE REMOVAL PROCESS DOES NOT DISTURB MORE SOIL AND VEGETATION THAN IS NECESSARY
11. FIBER LOGS MUST BE INSPECTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS FOR THE ASSOCIATED PROJECT TYPE AND RISK LEVEL. IT IS RECOMMENDED THAT A MINIMUM, THE BMPS BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, DAILY DURING EXTENDED RAIN EVENTS, AND AFTER THE CONCLUSION OF RAIN EVENTS.
12. REPAIR OR REPLACE SPLIT, TORN, UNRAVELING, OR SLUMPING FIBER LOGS.
13. IF THE FIBER LOG IS USED AS A SEDIMENT CAPTURE DEVICE, OR AS AN EROSION CONTROL DEVICE TO MAINTAIN SHEET FLOWS, SEDIMENT THAT ACCUMULATES IN THE BMP SHOULD BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-THIRD THE DESIGNATED SEDIMENT STORAGE DEPTH.
14. IF FIBER LOGS ARE USED FOR EROSION CONTROL, SEDIMENT REMOVAL SHOULD NOT BE REQUIRED AS LONG AS THE SYSTEM CONTINUES TO CONTROL THE GRADE. SEDIMENT CONTROL BMPS WILL LIKELY BE REQUIRE IN CONJUNCTION WITH THIS TYPE OF APPLICATION.
15. REPAIR ANY RILLS OR GULLIES PROMPTLY.


DISTURBED SLOPE AREA
FLOW
FLOW
FIBER LOGS PLACED ALONG CONTOUR (TYP)
DRIVEN WOODEN STAKES TO BE PERPENDICULAR TO SURFACE
MAX SPACING (SEE TABLE)
4' MAX
WRAP ENDS UPSLOPE TO CONTAIN RUNOFF FROM CONSTRUCTION AREA
GRADING LIMITS (TYP)
MINIMUM 8" OVERLAP OF LOGS (TYP)
UNDISTURBED GROUND (TYP)

PERSPECTIVE VIEW



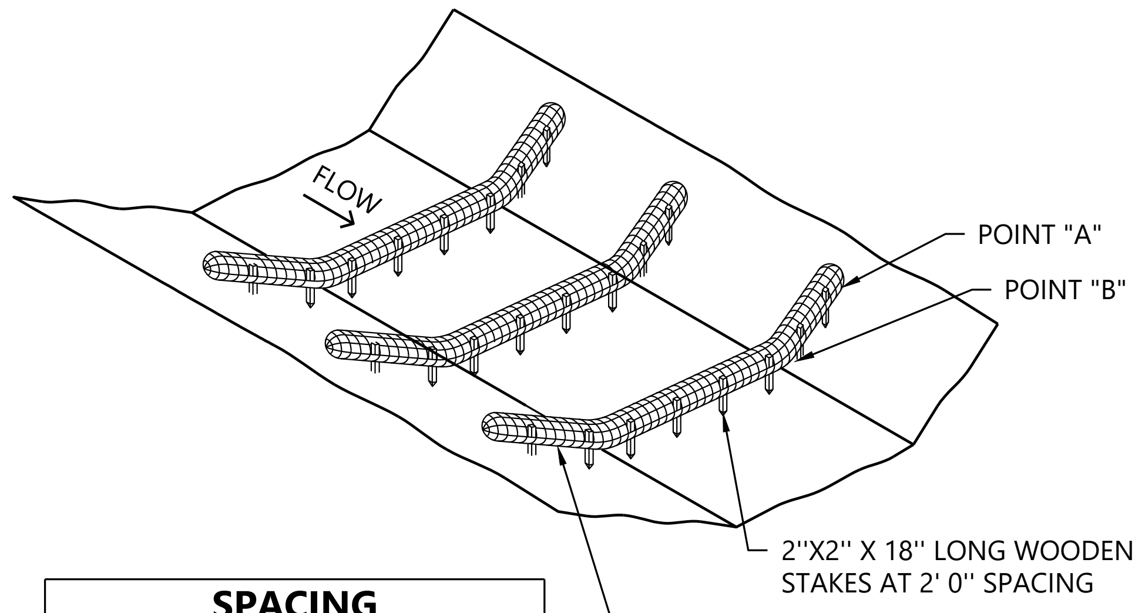
WOODEN STAKE

NO PUNCTURE METHOD

MAXIMUM SPACING RECOMMENDATIONS

	FIBER LOG SIZE		
SLOPE	9" DIA.	12" DIA.	20" DIA.
≤4:1	40 FT	60 FT	80 FT
3:1	30 FT	45 FT	60 FT
2:1	20 FT	30 FT	40 FT
1:1	10 FT	15 FT	20 FT

Westwood | FIBER LOGS - SLOPE APPLICATION | NOT TO SCALE | SW-05


FLOW
POINT "A"
POINT "B"
2''X2'' X 18'' LONG WOODEN STAKES AT 2' 0'' SPACING
WOOD FIBER LOG MIN 9" DIA. ENCLOSED IN NETTING FIBER LOG MIN. 10' LONG

SPACING RECOMMENDATIONS

DITCH GRADE (%)	SPACING (FT)
0-2	42'
3-5	28' - 17'
6-9	14' - 9'

NOTES:

1. REFER TO THE NPDES PERMIT FOR REQUIREMENTS.
2. POINT ''A'' MUST BE HIGHER THAN POINT ''B'' TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

Westwood | FIBER LOGS - DITCH APPLICATION | NOT TO SCALE | SW-06

Westwood

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LICENSED PROFESSIONAL ENGINEER
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MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 8

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C707

REV: 5

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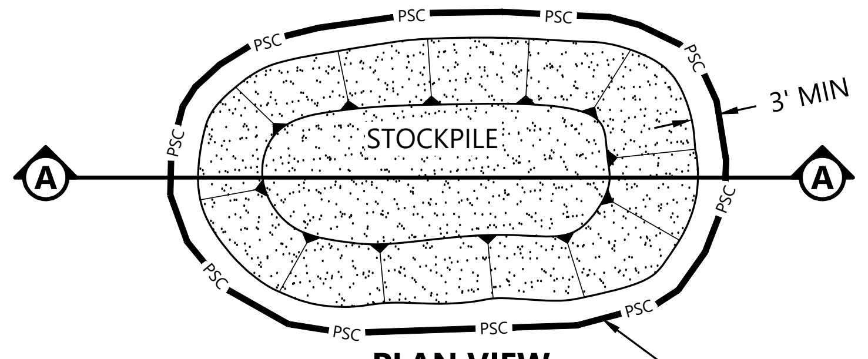
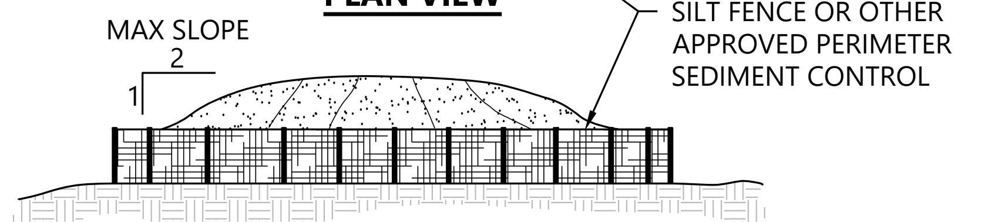


PLAN VIEW

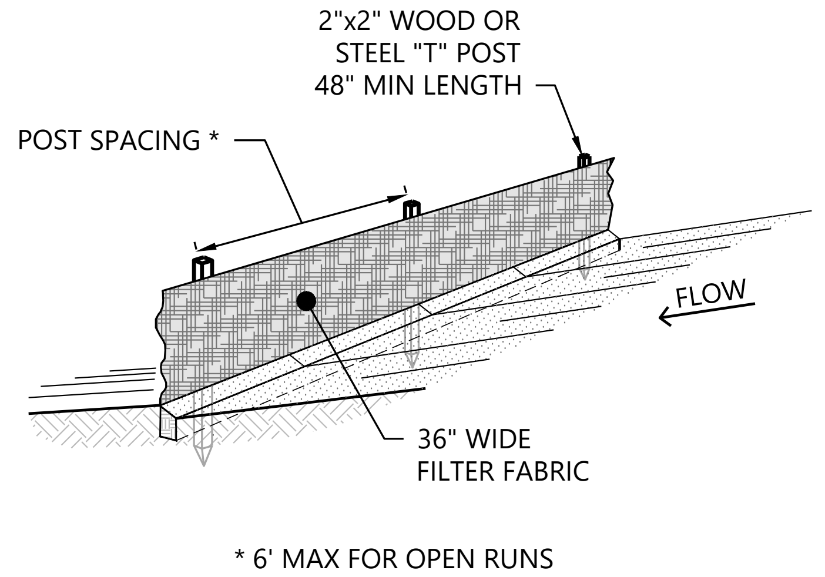


SECTION A-A

NOTES:

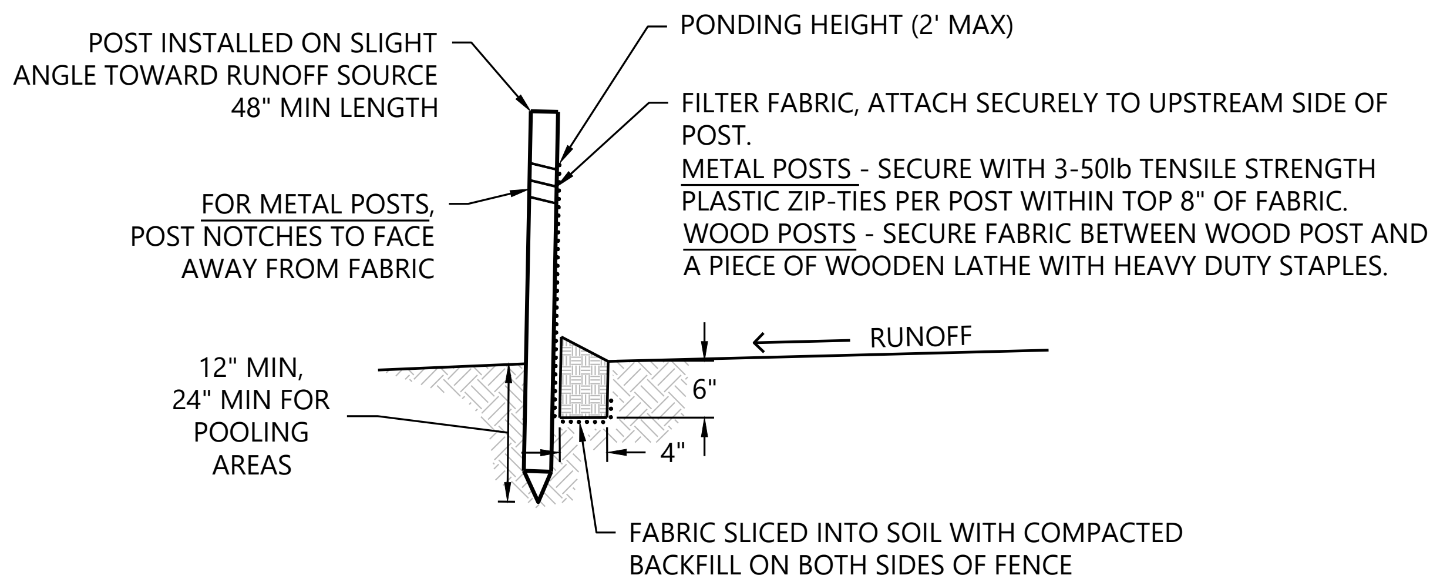
1. STOCKPILE SHALL BE FORMED IN A WIDE, LOW PROFILE FORMATION.
2. MAXIMUM HEIGHT SHALL BE 10 FEET TO PRESERVE QUALITY OF TOPSOIL MATERIAL.
3. SOIL STOCKPILES SHALL BE LOCATED ON SITE AND BE ENCLOSED WITH SILT FENCE OR OTHER APPROVED PERIMETER SEDIMENT CONTROL. IF THE SOIL IS TO REMAIN EXPOSED FOR MORE THAN 7 DAYS, TEMPORARY SOIL STABILIZATION BEST PRACTICES SHALL BE APPLIED IN ACCORDANCE WITH THE NPDES PERMIT.
4. STOCKPILES SHALL NOT BE PLACED WITHIN AREAS OF CONCENTRATED FLOW AND SHALL BE KEPT OUTSIDE OF AREAS WITH NEXT PHASE PLANNED ACTIVITIES.
5. ADEQUATE SETBACK SHALL BE PROVIDED FOR STOCKPILE PLACEMENT NEAR STEEP SLOPES AND AREAS OF CONCENTRATED FLOWS.
6. FOR LONG-TERM SUBSOIL STOCKPILES, STRIP THE TOPSOIL AT PLANNED SUBSOIL STOCKPILE LOCATION TO PRESERVE AND SPREAD OVER THE TOP OF THE STOCKPILE FOR SOIL STABILIZATION.

Westwood SOIL STOCKPILE PROTECTION NOT TO SCALE **SW-10**



* 6' MAX FOR OPEN RUNS
4' MAX FOR POOLING AREAS

PERSPECTIVE VIEW

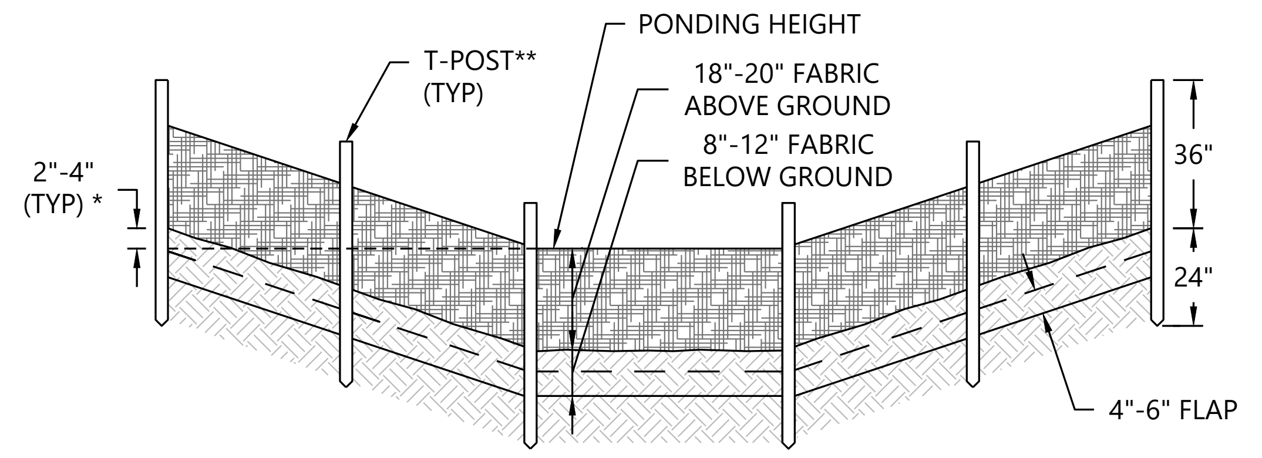

POST INSTALLED ON SLIGHT
ANGLE TOWARD RUNOFF SOURCE
48" MIN LENGTH
PONDING HEIGHT (2' MAX)
FILTER FABRIC, ATTACH SECURELY TO UPSTREAM SIDE OF POST.
METAL POSTS - SECURE WITH 3-50lb TENSILE STRENGTH PLASTIC ZIP-TIES PER POST WITHIN TOP 8" OF FABRIC.
WOOD POSTS - SECURE FABRIC BETWEEN WOOD POST AND A PIECE OF WOODEN LATHE WITH HEAVY DUTY STAPLES.
FOR METAL POSTS, POST NOTCHES TO FACE AWAY FROM FABRIC
RUNOFF
12" MIN,
24" MIN FOR
POOLING
AREAS
6"
4"
FABRIC SLICED INTO SOIL WITH COMPACTED
BACKFILL ON BOTH SIDES OF FENCE

POST AND TRENCH DETAIL

NOTES:

1. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC WIDTH SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN 2 , ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NO. 30.
2. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST. WHERE FABRIC ENDS MEET, WRAP AND TWIST THE FABRIC AROUND THE POST FOR A SECURE CONNECTION.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
4. ALL ENDS OF THE SILT FENCE SHALL BE WRAPPED UPSLOPE SO THE ELEVATION OF THE BOTTOM OF FABRIC IS HIGHER THAN "PONDING HEIGHT".
5. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN ACCUMULATED TO **1/3 HEIGHT** OF THE FABRIC OR MORE.
6. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
7. SILT FENCE SHOULD REMAIN IN PLACE AND MAINTAINED UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
8. INSTALL A SECOND ROW OF SILT FENCE APPROXIMATELY 5' FROM INITIAL ROW WHEN REDUNDANT PROTECTION IS REQUIRED WITHIN 50' OF WETLANDS AND STREAMS.
9. AVOID SPLICED SECTIONS IN LOW LYING (LOAD BEARING) LOCATIONS.

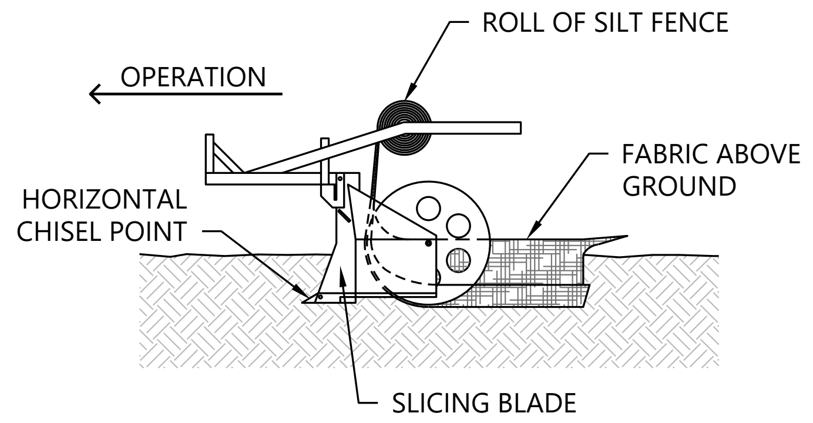
Westwood SILT FENCE - TRENCHED NOT TO SCALE **SW-11**



**ALTERNATE POST OPTION:
2"x2" WOOD POST, SECURE FABRIC BETWEEN WOOD POST AND A PIECE OF WOODEN LATHE WITH HEAVY DUTY STAPLES.

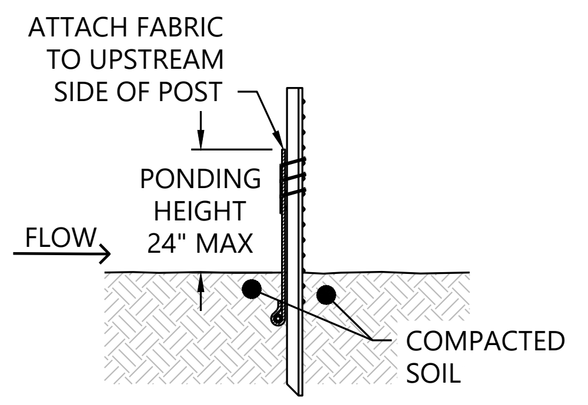
* THE BASE OF BOTH END POSTS MUST BE 2"-4"
ABOVE THE FABRIC ON THE MIDDLE POSTS
FOR ALL THE SILT FENCE TO PROPERLY DRAIN.

ELEVATION VIEW



- VIBRATORY PLOW IS NOT ACCEPTABLE BECAUSE OF HORIZONTAL COMPACTION.
- NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND.

FABRIC INSTALLATION



- COMPACT GROUND PRIOR TO POST INSTALLATION. BEGIN WITH UPSLOPE SIDE, DRIVE OVER EACH SIDE OF THE SILT FENCE 2 TO 4 TIMES WITH DEVICE EXERTING 60 PSI OR GREATER

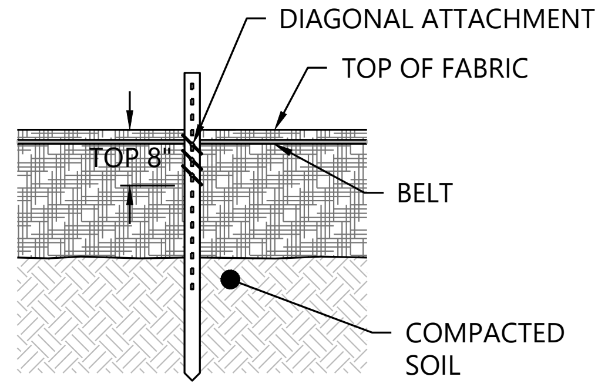
POST SPACING:

- 6' MAX. ON OPEN RUNS
- 4' MAX. ON POOLING AREAS

POST DEPTH:

- 24" MIN. BELOW GRADE

COMPACTION AND POST INSTALLATION



- GATHER FABRIC AT POSTS, IF NEEDED.
- UTILIZE THREE TIES PER POST WITHIN TOP 8" OF FABRIC.
- POSITION EACH TIE DIAGONALLY, PUNCTURING HOLES VERTICALLY AT A MINIMUM OF 1" APART.
- HANG EACH TIE ON A POST NOTCH AND TIGHTEN SECURELY. USE CABLE TIES (50 LBS TENSILE STRENGTH).

ATTACHMENT DETAILS

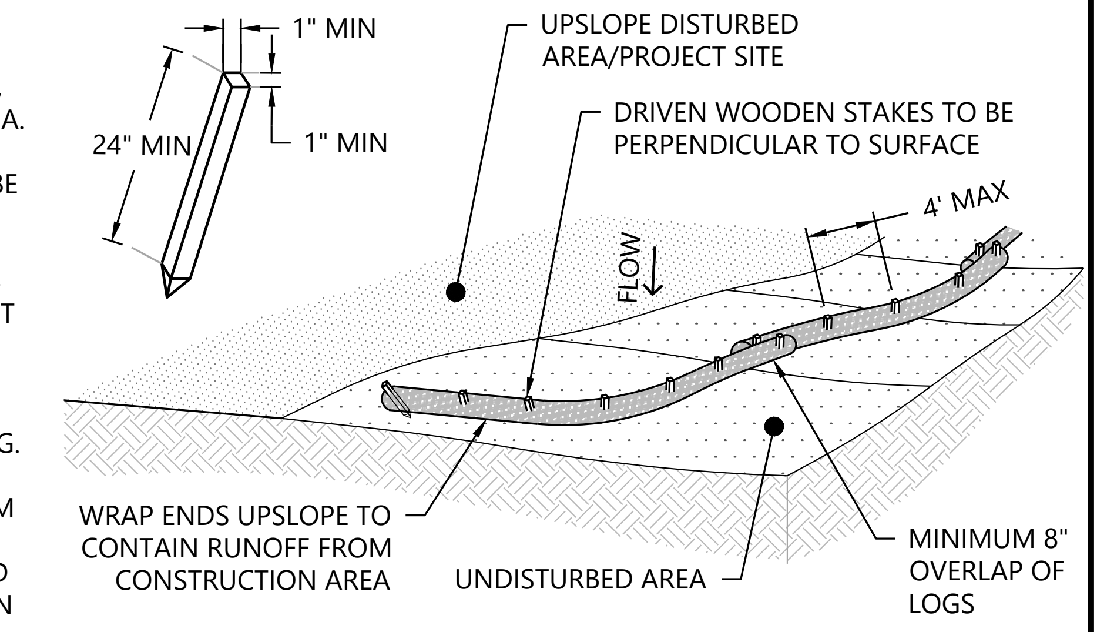
NOTES:

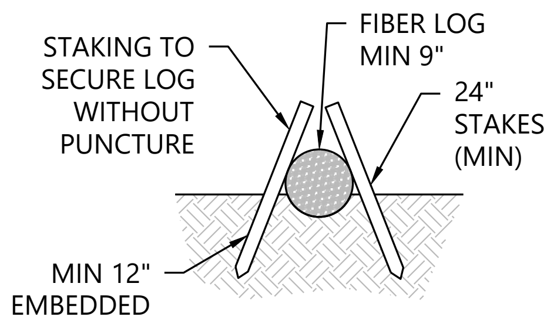
1. SILT FENCE IS USED TO PROVIDE PERIMETER SEDIMENT CONTROL ON THE DOWN-GRADIENT SIDE OF DISTURBANCE.
2. SILT FENCE SHALL BE INSTALLED PRIOR TO DISTURBANCE.
3. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC WIDTH SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN 2 , ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NO. 30.
4. SILT FENCE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. WHEN NOT AVAILABLE INSTALL ACCORDING TO THIS DETAIL AND THE FOLLOWING NOTES:
   - 4.1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
   - 4.2. ALL ENDS OF THE SILT FENCE SHALL BE WRAPPED UPSLOPE SO THE BASE OF BOTH END POSTS WILL BE AT LEAST 2"-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE OR LOWEST POSTS ("PONDING HEIGHT").
   - 4.3. NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
   - 4.4. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SLIT IF NECESSARY.
   - 4.5. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 POUNDS PER SQUARE INCH. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
   - 4.6. INSTALL POSTS 3'-4' APART IN PONDING/CRITICAL WATER RETENTION AREAS AND 6' APART ON STANDARD APPLICATIONS.
   - 4.7. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC.
   - 4.8. INSTALL POSTS WITH THE NOTCHES FACING AWAY FROM THE SILT FENCE FABRIC.
   - 4.9. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NOTCH WHEN TIGHTENED TO PREVENT SAGGING.
   - 4.10. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
   - 4.11. WHERE FABRIC ENDS MEET, WRAP AND TWIST THE FABRIC AROUND THE POST FOR A SECURE CONNECTION.
5. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN ACCUMULATED TO **1/3 HEIGHT** OF THE FABRIC OR MORE.
6. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
7. SILT FENCE SHOULD REMAIN IN PLACE AND MAINTAINED UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
8. INSTALL A SECOND ROW OF REINFORCED SILT FENCE APPROXIMATELY 5' FROM INITIAL ROW WHEN REDUNDANT PROTECTION IS REQUIRED WITHIN 50' OF WETLANDS AND STREAMS.
9. AVOID SPLICED SECTIONS IN LOW LYING (LOAD BEARING) LOCATIONS.

Westwood SILT FENCE - MACHINE SLICED NOT TO SCALE **SW-12**

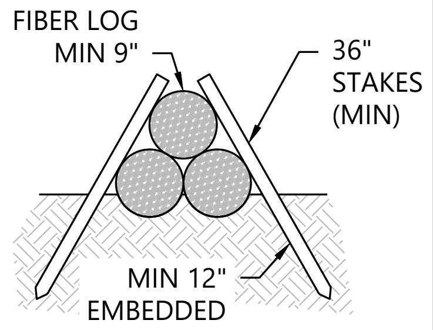
NOTES:

1. FIBER LOGS SHALL BE INSTALLED PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES COMMENCE.
2. FIBER LOGS SHALL BE PREFABRICATED AND MADE FROM CERTIFIED STRAW, WOOD, COCONUT FIBER, OR SIMILAR AGRICULTURAL MATERIAL BOUND INTO A TIGHT TUBULAR LOG BY NETTING. USE A 9" DIA. LOG MINIMUM.
3. TRENCHES SHALL BE CREATED ALONG THE SLOPE OF THE PERIMETER. THE TRENCH DEPTH SHOULD BE 1/4 TO 1/3 OF THE THICKNESS OF THE LOG, AND THE WIDTH SHOULD EQUAL THE LOG DIAMETER, IN ORDER TO PROVIDE AREA TO BACKFILL THE TRENCH.
4. STAKE FIBER LOGS INTO THE TRENCH. DRIVE STAKES AT THE END OF EACH FIBER LOG AND SPACED 4 FEET MAXIMUM ON CENTER. USE HARD WOOD STAKES WITH NOMINAL CLASSIFICATION OF AT LEAST 1" BY 1" AND A MINIMUM LENGTH OF 24". STAKES SHALL BE EMBEDDED A MINIMUM DEPTH OF 12".
5. LOGS SHALL BE INSTALLED PERPENDICULAR TO WATER MOVEMENT, AND PARALLEL TO THE SLOPE CONTOUR.
6. TURN THE ENDS OF THE FIBER LOGS UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE LOG. THE UPSLOPE POINT SHOULD BE A MINIMUM 12" HIGHER IN ELEVATION THAN THE LOW POINT.
7. IF MORE THAN ONE FIBER LOG IS PLACED IN A ROW, THE LOGS SHOULD BE OVERLAPPED A MINIMUM OF 8 INCHES, NOT ABUTTED.
8. FIBER LOGS ENCASED WITH PLASTIC NETTING ARE USED FOR A TEMPORARY APPLICATION ONLY AND SHOULD BE REMOVED FOLLOWING STABILIZATION. FIBER LOGS USED IN A PERMANENT APPLICATION SHALL BE ENCASED WITH A BIODEGRADABLE MATERIAL AND MAY BE LEFT IN.
9. TEMPORARY INSTALLATIONS SHOULD ONLY BE REMOVED WHEN UP GRADIENT AREAS ARE STABILIZED PER GENERAL PERMIT REQUIREMENTS, AND/OR POLLUTANT SOURCES NO LONGER PRESENT A HAZARD. BUT, THEY SHOULD ALSO BE REMOVED BEFORE VEGETATION BECOMES TOO MATURE SO THAT THE REMOVAL PROCESS DOES NOT DISTURB MORE SOIL AND VEGETATION THAN IS NECESSARY.
10. FIBER LOGS MUST BE INSPECTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS FOR THE ASSOCIATED PROJECT TYPE AND RISK LEVEL.
11. REPAIR OR REPLACE SPLIT, TORN, UNRAVELING, OR SLUMPING FIBER LOGS.
12. SEDIMENT THAT ACCUMULATES UPSLOPE OF THE BMP SHOULD BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. REFER TO CONSTRUCTION GENERAL PERMIT FOR SEDIMENT ACCUMULATION MAINTENANCE INTERVALS.
13. RILL, UNDERMINING, AND/OR GULLIES MAY BEGIN TO FORM FOLLOWING MAJOR STORM EVENTS WHERE RUNOFF HAS OVERTOPPED THE FIBER LOGS. THESE RILLS OR GULLIES SHOULD BE PROMPTLY REPAIRED.



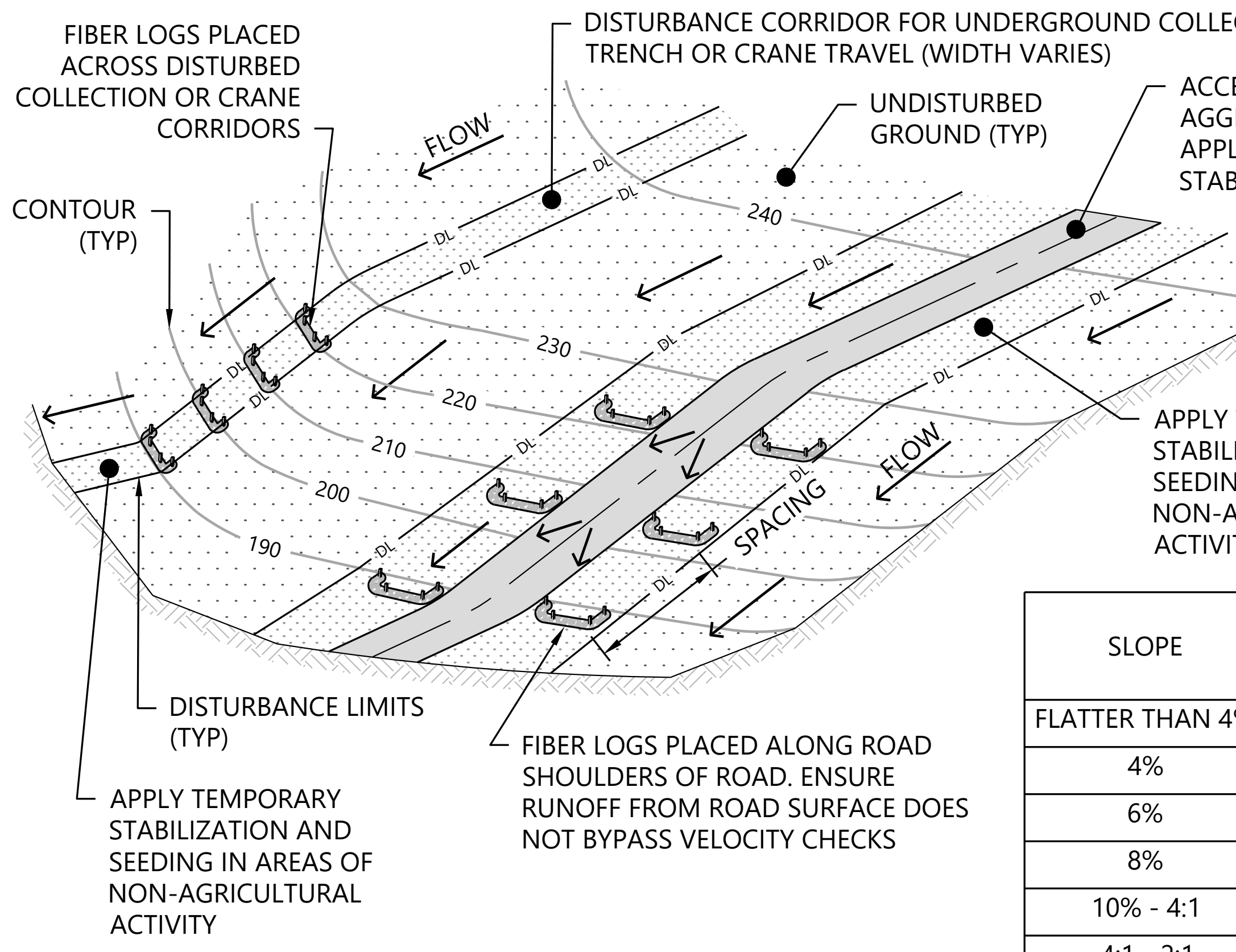


NO PUNCTURE METHOD



STACKING METHOD

Westwood PERIMETER SEDIMENT CONTROL - FIBER LOGS NOT TO SCALE **SW-13**



PERSPECTIVE VIEW

SLOPE	MAXIMUM SPACING (FT)
FLATTER THAN 4%	AS NEEDED
4%	80'
6%	60'
8%	40'
10% - 4:1	20'
4:1 - 2:1	15'
> 2:1	10'

APPLICATION NOTES:

1. REFER TO THE NPDES PERMIT AND APPLICABLE STATE BMP MANUALS FOR IMPLEMENTATION AND TIMING REQUIREMENTS.
2. VELOCITY CHECKS SHALL BE INSTALLED IN AREAS WHERE A DISTURBANCE ACTIVITY IS NEAR PERPENDICULAR (±30°) TO THE CONTOURS AND RUNOFF FLOWS DOWN THE DISTURBANCE PATH. IF DISTURBANCE IS SLOPED TO ONE SIDE, APPLY VELOCITY CHECKS WITH J-HOOKS AT THE SPACING RECOMMENDED BELOW, SEE **SW-18** FOR DETAILS ON J-HOOKS.
3. ROAD APPLICATION: INSTALL VELOCITY CHECKS ACROSS DISTURBED SHOULDERS.
4. CRANE PATH APPLICATION: INSTALL VELOCITY CHECKS ACROSS THE CRANE PATH DISTURBANCE. REMOVE AND REPLACE FIBER LOGS FOR CRANE TRAVEL.
5. UNDERGROUND COLLECTION TRENCH APPLICATION: INSTALL VELOCITY CHECKS ACROSS DISTURBANCE PATH.
6. WHERE RILLING AND CHANNELIZATION OCCURS AND VELOCITY CHECKS FAIL TO PROVIDE ADEQUATE EROSION CONTROL, APPLICATION OF HYDROMULCH, STRAW MULCH OR EROSION CONTROL BLANKET (TEMPORARY STABILIZATION) MUST BE APPLIED AFTER SOIL PREPARATION TO REMEDY THE ISSUE.

INSTALLATION NOTES:

1. INSTALL VELOCITY CHECKS PER THE SPACING REQUIREMENTS ACCORDING TO THE SURFACE SLOPE DETAILED IN THE TABLE, AND ADJUST BASED ON FIELD CONDITIONS.
2. INSTALL VELOCITY CHECKS PARALLEL TO THE CONTOURS AND ACROSS DISTURBANCE CORRIDOR.
3. ELEVATIONS AT THE ENDS OF FIBER LOG NEED TO BE HIGHER THAN THE ELEVATION AT THE MIDDLE OF FIBER LOG. BOTH ENDS SHOULD HAVE A SMALL HOOK TO ENSURE THAT WATER FLOWS OVER THE FIBER LOG AND NOT AROUND THE ENDS.
4. SEE **SW-13** FOR INSTALLATION SPECIFICATIONS OF FIBER LOGS.

Westwood VELOCITY CHECKS - FIBER LOGS NOT TO SCALE **SW-07**

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120 Garrett St Suite 700
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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

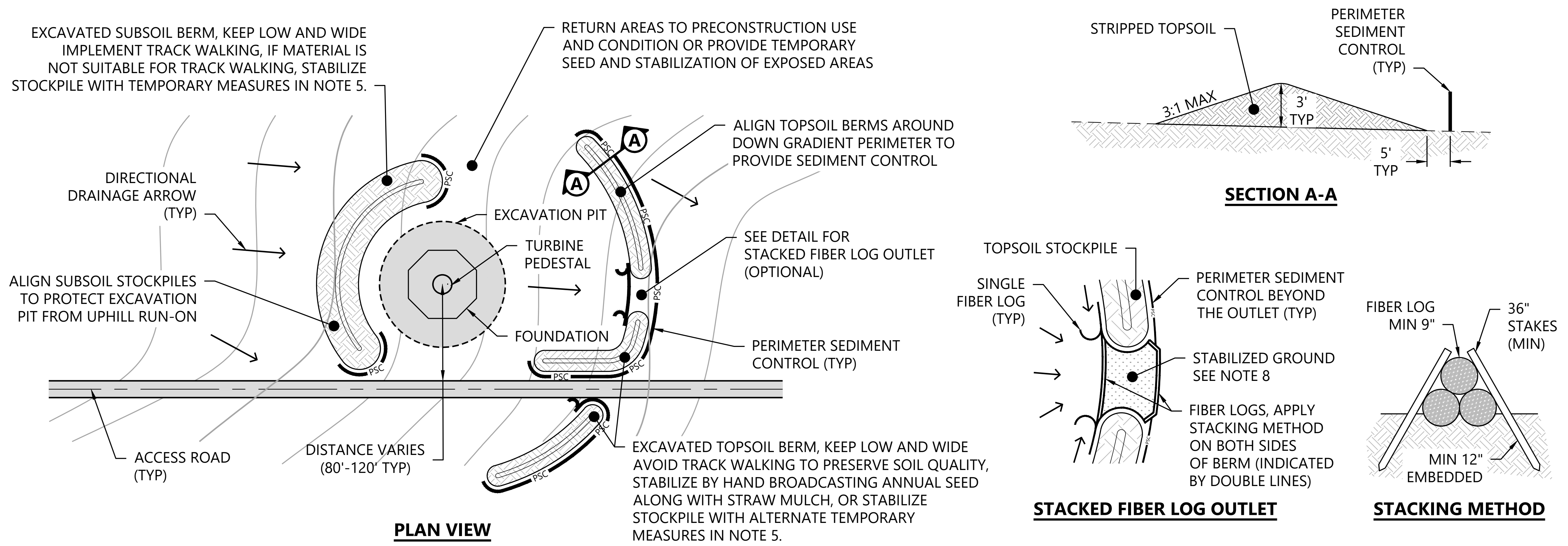
Coles Wind Project
Coles County, Illinois

Construction Details - 9

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C708
REV: 5

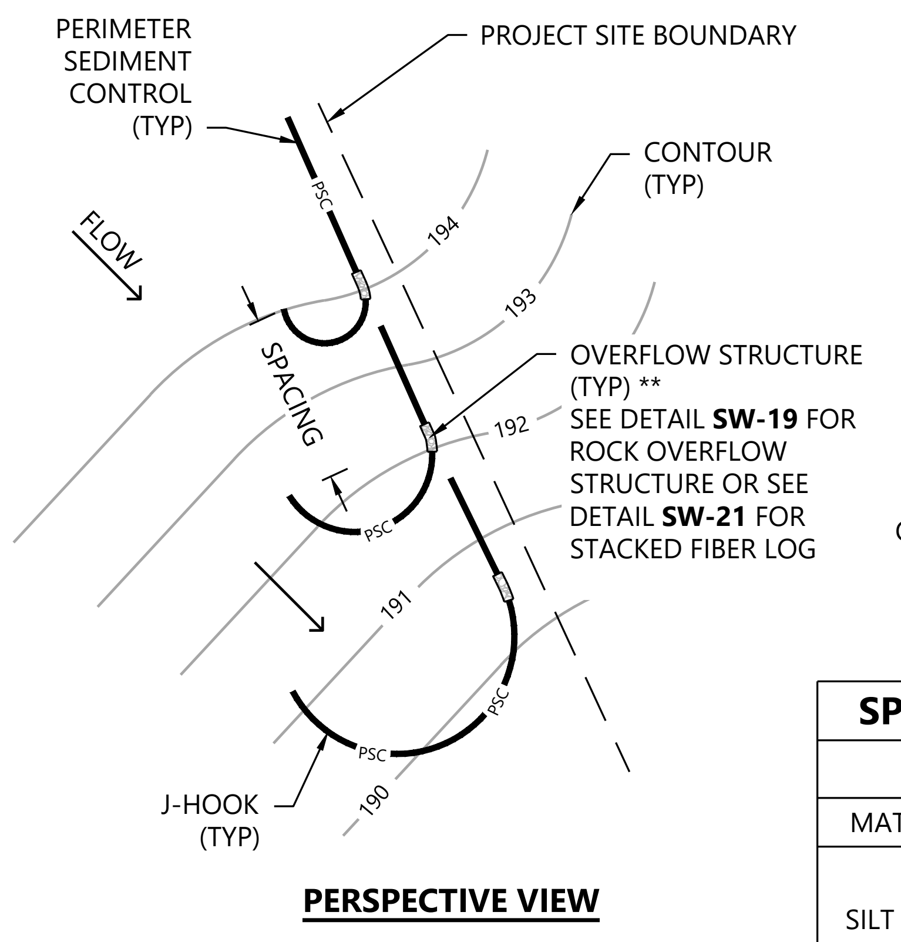
\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-DT01.dwg 10/14/2025 3:00 PM Sofia Lara Carrillo



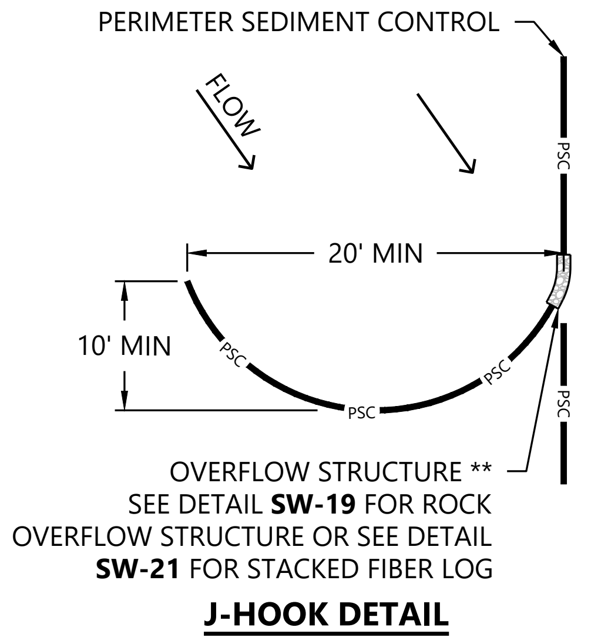
NOTES:

1. REFER TO NPDES PERMIT FOR SPECIFICATIONS OF EROSION AND SEDIMENT CONTROL MEASURES.
2. REDUNDANT PERIMETER SEDIMENT CONTROL IS REQUIRED WITHIN 50' OF WETLANDS AND STREAMS.
3. TERMINAL ENDS OF TOPSOIL BERM SHOULD BE HIGHER IN ELEVATION THAN THE TOP OF BERM.
4. MULTIPLE STACKED FIBER LOG OUTLETS MAY BE NEEDED, CONTRACTOR TO FIELD FIT AS NECESSARY. STACKED FIBER LOGS ARE OPTIONAL TO MINIMIZE WATER ACCUMULATION WITHIN PAD AREA.
5. TEMPORARY STABILIZATION FOR STOCKPILES MAY CONSIST OF HYDROMULCH, SOIL STABILIZER, OR TACKIFIER.
6. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, OR WOOD MULCH BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS. LOCATION OF PERIMETER SEDIMENT CONTROL MAY VARY DEPENDING UPON THE TERRAIN AT THE TURBINE SITE.
7. ALTERNATE BERM PLACEMENT OPTION - PLACE TOPSOIL BERM ALONG THE UP-GRADIENT PERIMETER. THIS WILL ACT AS A DIVERSION BERM TO ROUTE RUN-ON FLOWS AROUND THE PAD. INSTALL PERIMETER SEDIMENT CONTROL ALONG THE DOWN-GRADIENT SIDE OF THE PAD.
8. EROSION CONTROL BEST PRACTICES TO BE APPLIED TO ALL DISTURBED SOILS BETWEEN AND DOWNGRADIENT OF THE STACKED FIBER LOGS. STABILIZE GROUND BETWEEN THE STACKED FIBER LOGS WITH STRAW OR EROSION CONTROL BLANKET FOR STEEPER SLOPES, GREATER THAN OR EQUAL TO 3:1.

Westwood | TURBINE SITE - TOPSOIL BERM WITH STACKED FIBER LOG OUTLET | NOT TO SCALE | SW-16



** OVERFLOW STRUCTURES MAY BE OMITTED WHEN FIBER LOGS ARE UTILIZED AS PERIMETER SEDIMENT CONTROL (PSC)


PERIMETER SEDIMENT CONTROL
FLOW
20' MIN
10' MIN
PSC
OVERFLOW STRUCTURE **
SEE DETAIL SW-19 FOR ROCK
OVERFLOW STRUCTURE OR SEE DETAIL
SW-21 FOR STACKED FIBER LOG
J-HOOK DETAIL

APPLICATION NOTES:

1. INSTALL J-HOOKS WHENEVER THE PERIMETER SEDIMENT CONTROL (PSC) BARRIER IS INSTALLED AT AN ANGLE OF 30 DEGREES OR GREATER FROM PARALLEL TO CONTOURS.
2. ADHERE TO J-HOOK SPACING REQUIREMENTS ACCORDING TO SURFACE SLOPE DETAILED IN TABLE.
3. WHERE MINIMUM HOOK DIMENSIONS SHOWN CANNOT BE ACHIEVED, NARROWER HOOKS MAY BE USED WITH HIGHER FREQUENCY SPACING.
4. WHERE PONDING DEPTH BEGINS TO EXCEED 1.5 FEET OR THE PSC BARRIER AND ROCK OUTLET OTHERWISE FAIL TO PROVIDE CONTROL, FREQUENCY AND SIZING OF J-HOOKS MUST BE ADJUSTED TO REMEDY THE ISSUE.
5. WHEN OVERLAND SHEET FLOW SLOPE IS LESS THAN OR EQUAL TO 3%, FIBER LOGS MAY BE USED AS PERIMETER SEDIMENT CONTROL. IF SHEET FLOW SLOPE IS GREATER THAN 3%, SILT FENCE MUST BE USED.

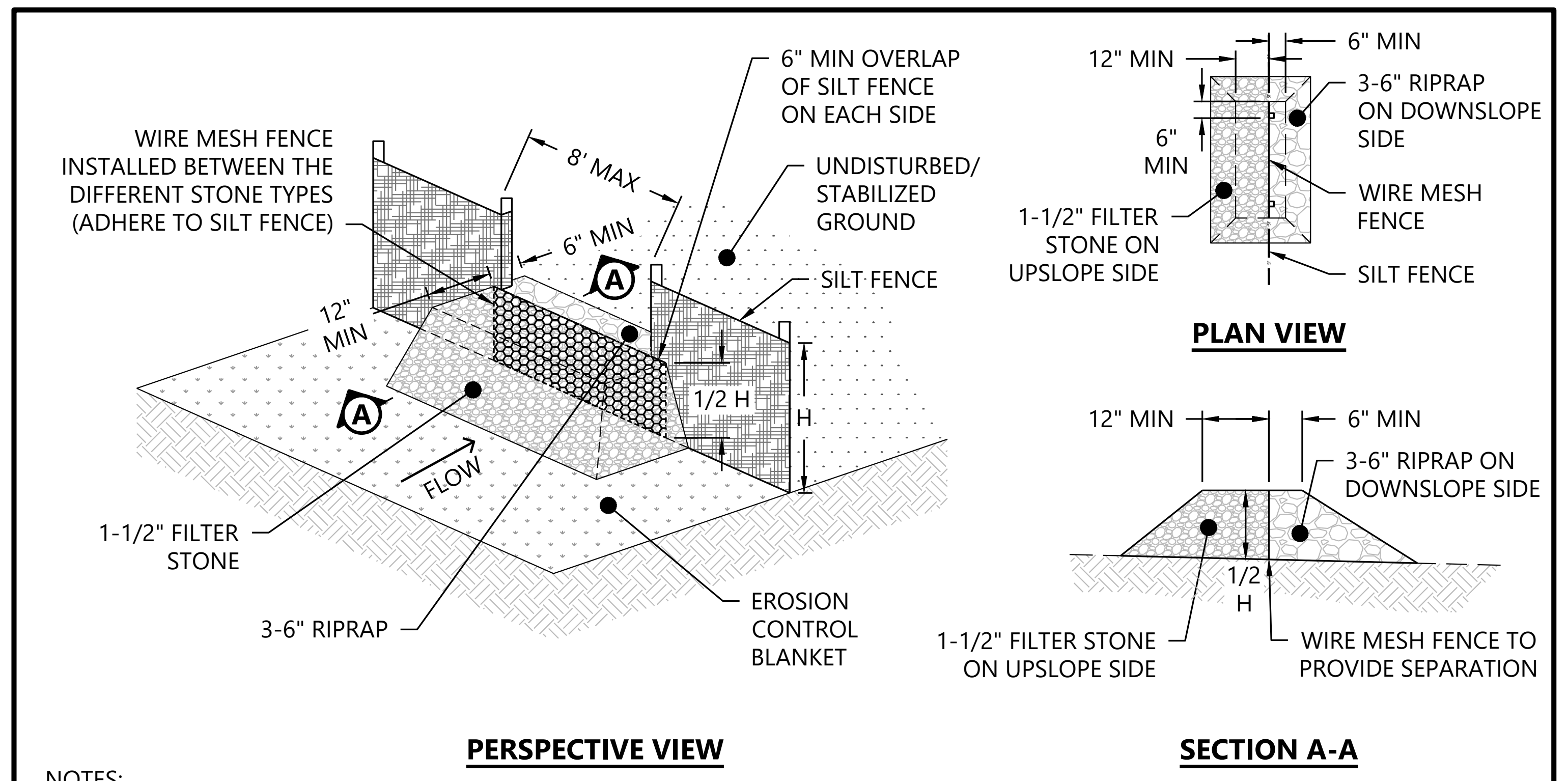
SPACING RECOMMENDATIONS

		SOIL TYPE		
MATERIAL	SLOPE	SILTY	CLAYS	SANDY
SILT FENCE	3:1	75 FT	100 FT	125 FT
	4:1	100 FT	125 FT	150 FT
	≤10:1	125 FT	150 FT	200 FT
9" FIBER LOG	≤3%	46 FT	56 FT	75 FT

INSTALLATION NOTES:

1. INSTALL J-HOOK LOCATED IMMEDIATELY DOWN GRADIENT FROM THE ROCK OUTLET TO ENSURE THE WATER IS NOT DIVERTED TO THE LOWEST AREAS WHERE A COMPLEX SLOPE EXISTS.
2. UP-GRADIENT PSC BARRIER AND J-HOOK ARE ONE CONTINUOUS BARRIER.
3. START DOWN-GRADIENT PSC BARRIER AS CLOSE AS POSSIBLE TO THE UP-GRADIENT J-HOOK.
4. BOTTOM OF PSC BARRIER ELEVATIONS AT THE END OF J-HOOK NEED TO BE HIGHER THAN THE TOP OF BARRIER ELEVATIONS AT THE MIDDLE OF J-HOOK.
5. TOP OF BARRIER ELEVATIONS AT THE MIDDLE OF J-HOOK NEED TO BE HIGHER THAN THE ROCK OUTLET ELEVATIONS.

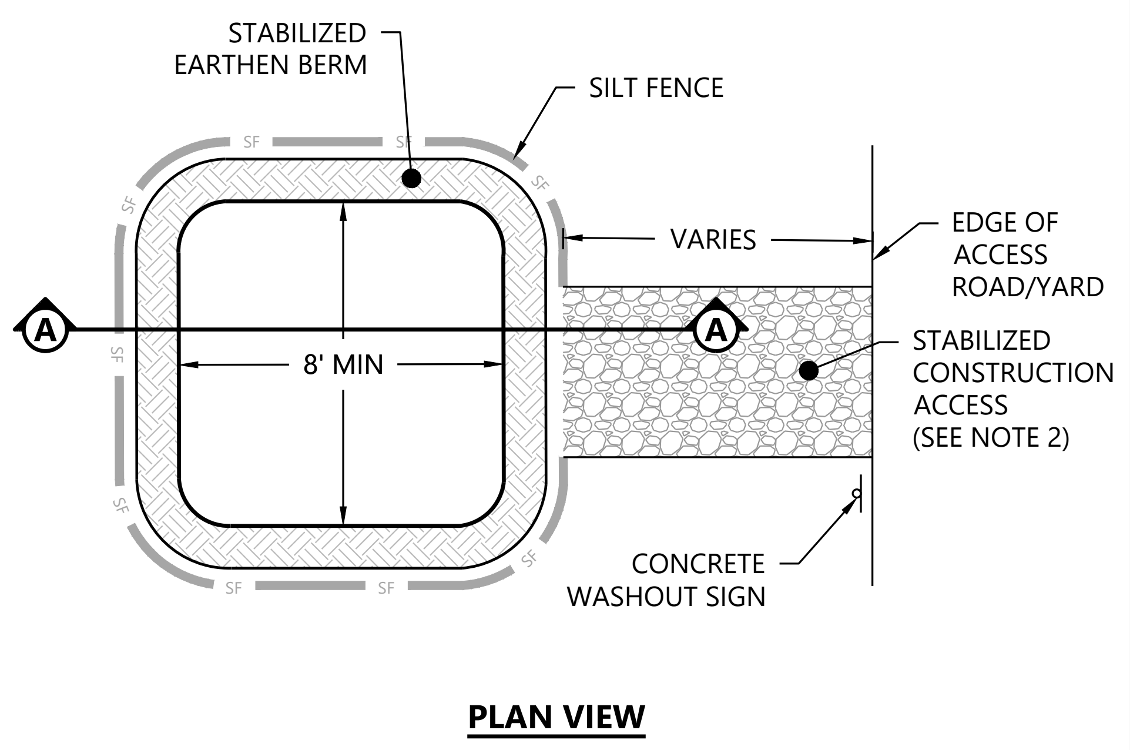
Westwood | PERIMETER SEDIMENT CONTROL - J-HOOK APPLICATION | NOT TO SCALE | SW-18

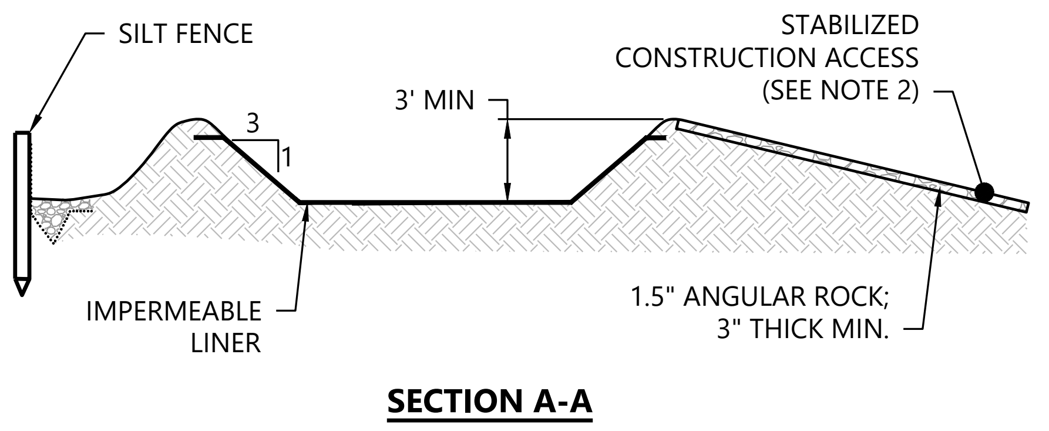


NOTES:

1. LOCATIONS OF ROCK OVERFLOW STRUCTURES ARE INDICATED ON THE PLANS AND/OR AS DETERMINED BY QUALIFIED PERSONNEL BASED ON FIELD CONDITIONS TO MAINTAIN PERMIT COMPLIANCE. QUALIFIED PERSONNEL MUST BE TRAINED AND CERTIFIED IN EROSION AND SEDIMENT CONTROL.
2. ROCK OVERFLOW STRUCTURES ARE RECOMMENDED AT ALL LOW POINTS AND AT A SPACING OF 300 FEET WHERE NO LOW POINT IS APPARENT.

Westwood | ROCK OVERFLOW STRUCTURE FOR SILT FENCE - HALF HEIGHT | NOT TO SCALE | SW-19

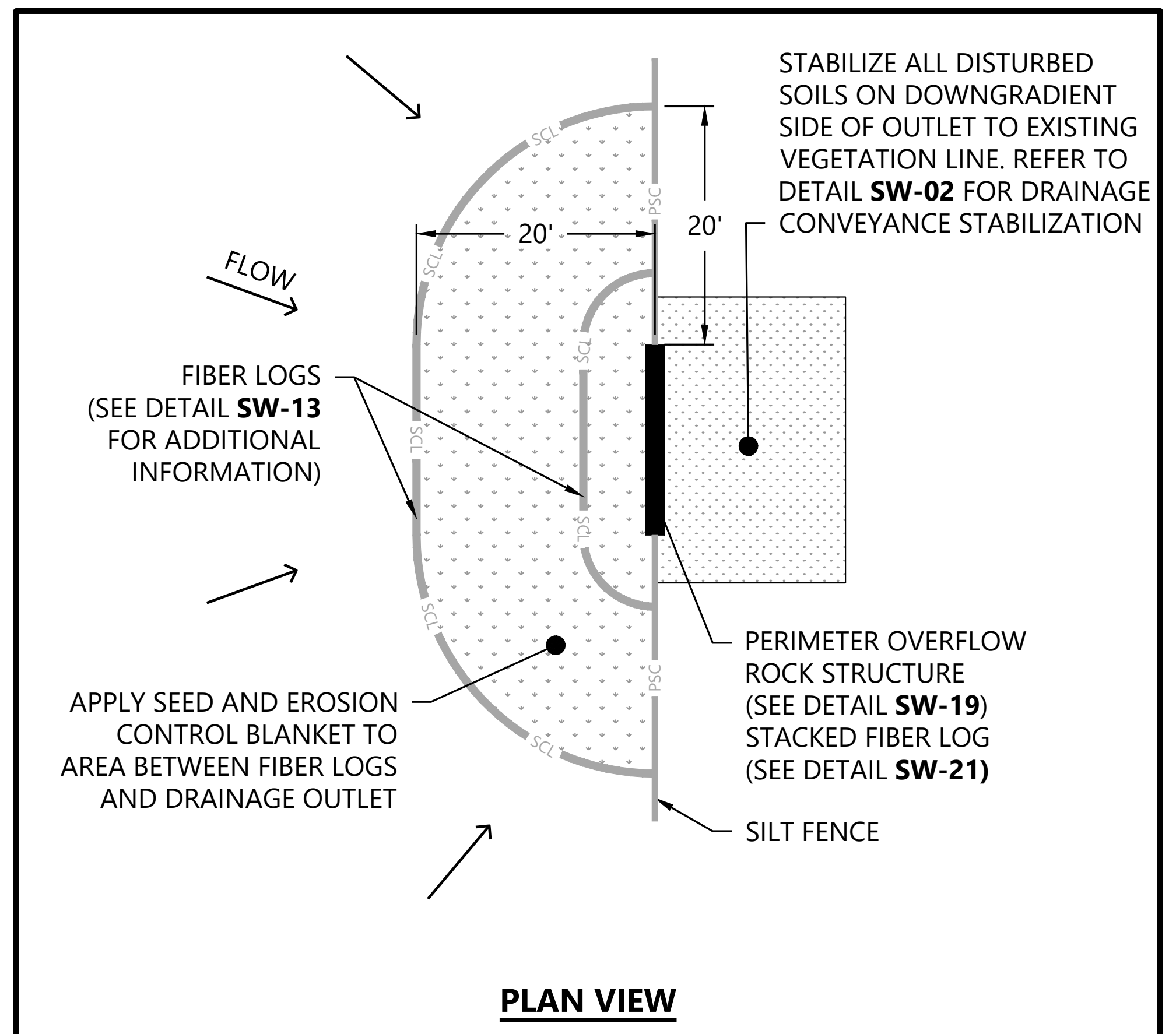




NOTES:

1. CONCRETE WASHOUT AREAS SHALL BE LINED WITH A 10 MIL PLASTIC IMPERMEABLE LINER TO PREVENT CONCRETE WASHOUT WATER FROM INFILTRATING/CONTACTING WITH SOIL.
2. PROVIDE STABILIZED CONSTRUCTION ACCESS IF SEDIMENT TRACKING CONTROLS ARE NECESSARY.
3. ALTERNATE WASHOUT SYSTEMS MAY BE USED IF APPROVED.
4. REFER TO PROJECT NPDES PERMIT FOR ADDITIONAL CONSTRUCTION, MAINTENANCE, AND REMOVAL REQUIREMENTS

Westwood | CONCRETE WASHOUT AREA | NOT TO SCALE | SW-60



Westwood | PERIMETER OVERFLOW BUFFER | NOT TO SCALE | SW-22

Westwood

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REVISIONS:

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1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 10

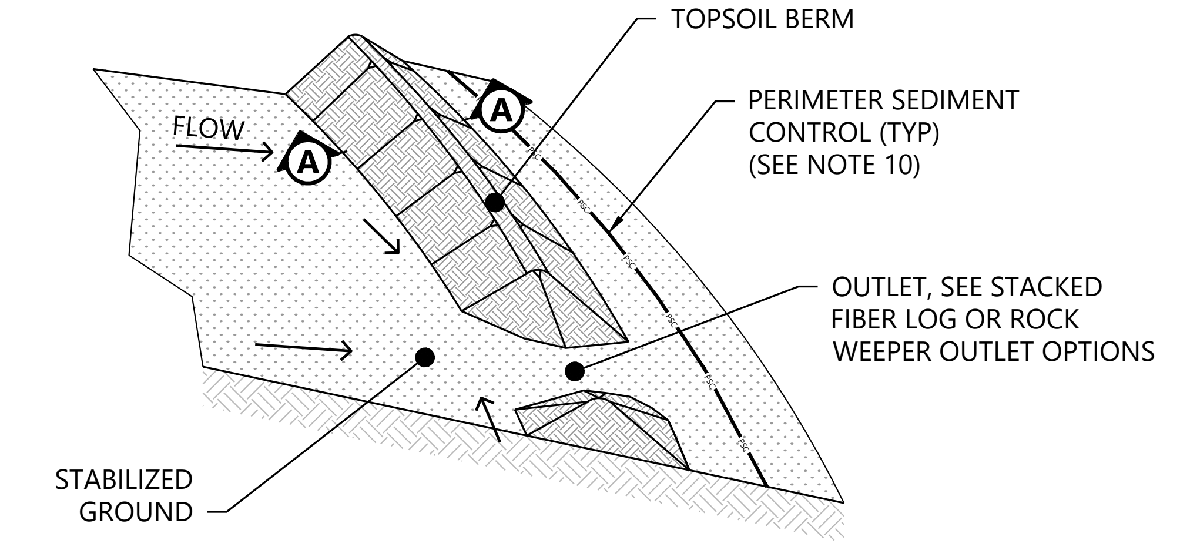
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

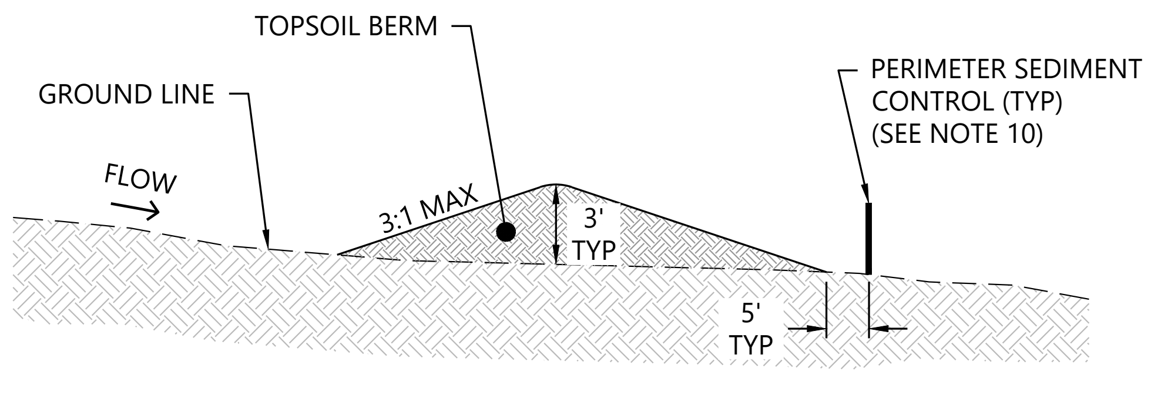
SHEET: C709

REV: 5

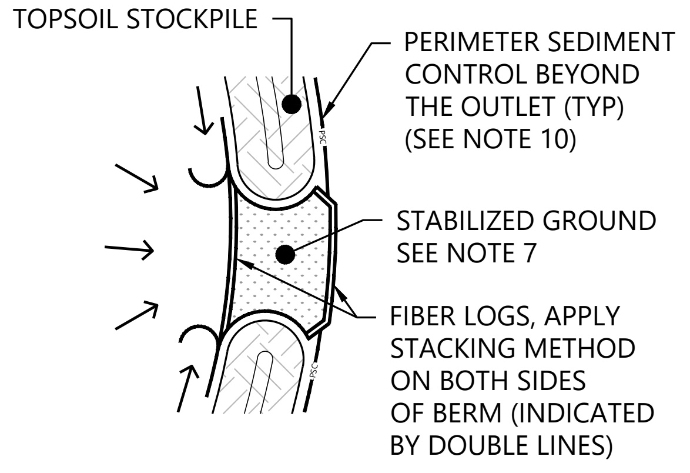
\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-DT01.dwg 10/14/2025 3:00 PM Sofia Lara Carrillo


TOPSOIL BERM
PERIMETER SEDIMENT CONTROL (TYP) (SEE NOTE 10)
FLOW
A
A
OUTLET, SEE STACKED FIBER LOG OR ROCK WEEPER OUTLET OPTIONS
STABILIZED GROUND

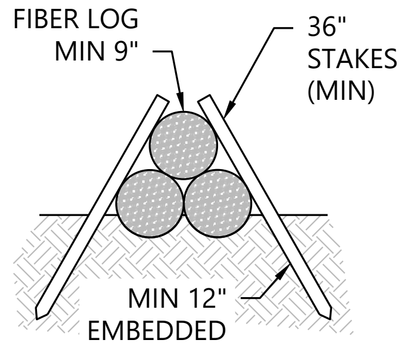
PERSPECTIVE VIEW



SECTION A-A


TOPSOIL STOCKPILE
PERIMETER SEDIMENT CONTROL BEYOND THE OUTLET (TYP) (SEE NOTE 10)
STABILIZED GROUND SEE NOTE 7
FIBER LOGS, APPLY STACKING METHOD ON BOTH SIDES OF BERM (INDICATED BY DOUBLE LINES)

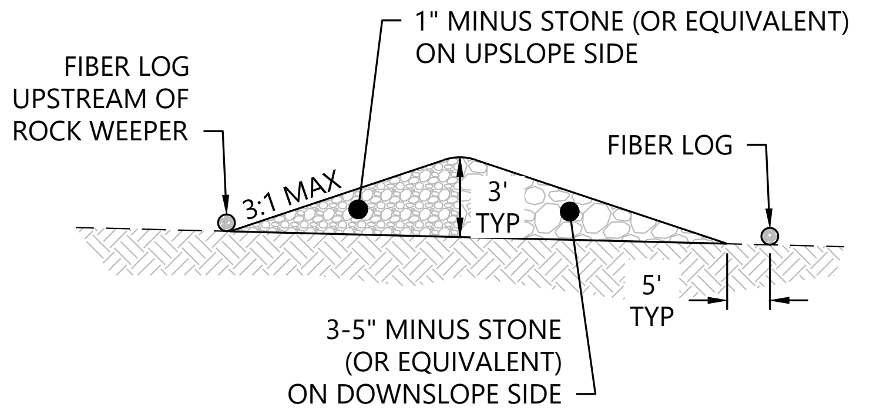
STACKED FIBER LOG OUTLET (OPTION #1)



STACKING METHOD

NOTES:

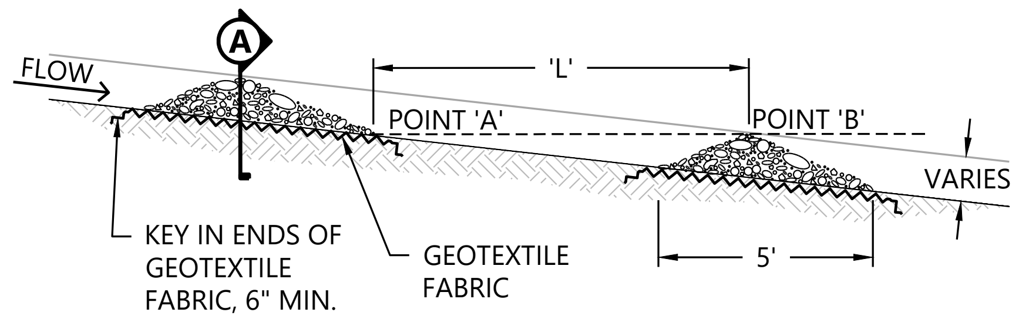
1. REFER TO NPDES PERMIT FOR SPECIFICATIONS OF EROSION AND SEDIMENT CONTROL MEASURES.
2. REDUNDANT PERIMETER SEDIMENT CONTROL IS REQUIRED WITHIN 50' OF WETLANDS AND STREAMS.
3. TERMINAL ENDS OF TOPSOIL BERM SHOULD BE HIGHER IN ELEVATION THAN THE TOP OF BERM.
4. MULTIPLE OUTLETS MAY BE NEEDED, CONTRACTOR TO FIELD FIT AS NECESSARY. OUTLETS ARE OPTIONAL TO MINIMIZE WATER ACCUMULATION ALONG THE TOPSOIL BERM.
5. TEMPORARY STABILIZATION FOR STOCKPILES MAY CONSIST OF HYDROMULCH, SOIL STABILIZER, OR TACKIFIER.
6. PERIMETER SEDIMENT CONTROL MAY CONSIST OF SILT FENCE, FIBER LOGS, OR WOOD MULCH BERMS. REFER TO APPROPRIATE DETAIL FOR INSTALLATION REQUIREMENTS.
7. EROSION CONTROL BEST PRACTICES TO BE APPLIED TO ALL DISTURBED SOILS BETWEEN AND DOWNGRADIENT OF THE STACKED FIBER LOGS. STABILIZE GROUND BETWEEN THE STACKED FIBER LOGS WITH STRAW OR EROSION CONTROL BLANKET FOR STEEPER SLOPES, GREATER THAN OR EQUAL TO 3:1.
8. IF LOCATED NEAR THE TOE OF A STEEP SLOPE, PLACE TOPSOIL BERM ALONG DOWNSTREAM SIDE AT LEAST 5 TO 7 FEET AWAY FROM THE TOE TO IMPOUND STORMWATER RUNOFF. IF LOCATED AT THE TOP OF A RAVINE OR POND AREA, PLACE TOPSOIL BERM ALONG UPSTREAM EDGE AT 3 FEET AWAY FROM GRADE DROP-OFF TO ALLOW FOR SLUMPING OVER TIME.
9. AFTER COMPLETION OF THE MASS GRADING EFFORT, TOPSOIL BERM MAY BE RESPREAD AND UTILIZED IN AREAS DESIGNATED FOR VEGETATIVE GROWTH TO HELP ACHIEVE STABILIZATION.
10. IF TOPSOIL BERM IS IMMEDIATELY STABILIZED, ADDITIONAL PERIMETER SEDIMENT CONTROL MAY NOT BE NEEDED ON DOWNSTREAM SIDE.


1" MINUS STONE (OR EQUIVALENT) ON UPSLOPE SIDE
FIBER LOG UPSTREAM OF ROCK WEEPER
FIBER LOG
3:1 MAX
3' TYP
5' TYP
3-5" MINUS STONE (OR EQUIVALENT) ON DOWNSLOPE SIDE

ROCK WEEPER OUTLET (OPTION #2)

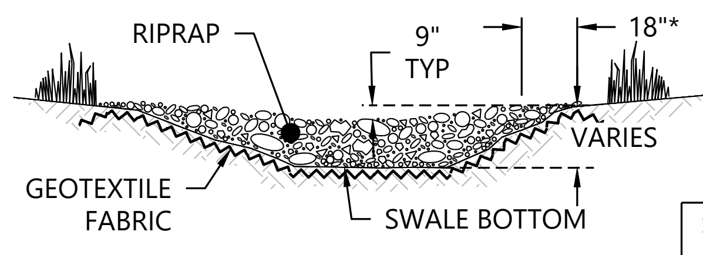
Westwood | TOPSOIL BERM - PERIMETER SEDIMENT CONTROL | NOT TO SCALE | SW-29

****ROCK CHECK SHALL BE USED WHERE NEEDED AS A FILTER MEDIA, OR WHERE EROSION CONTROL BLANKETS AND/OR FIBER LOGS DO NOT PROVIDE ADEQUATE EROSION AND SEDIMENT CONTROL.****



'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION.

SWALE BOTTOM PROFILE VIEW



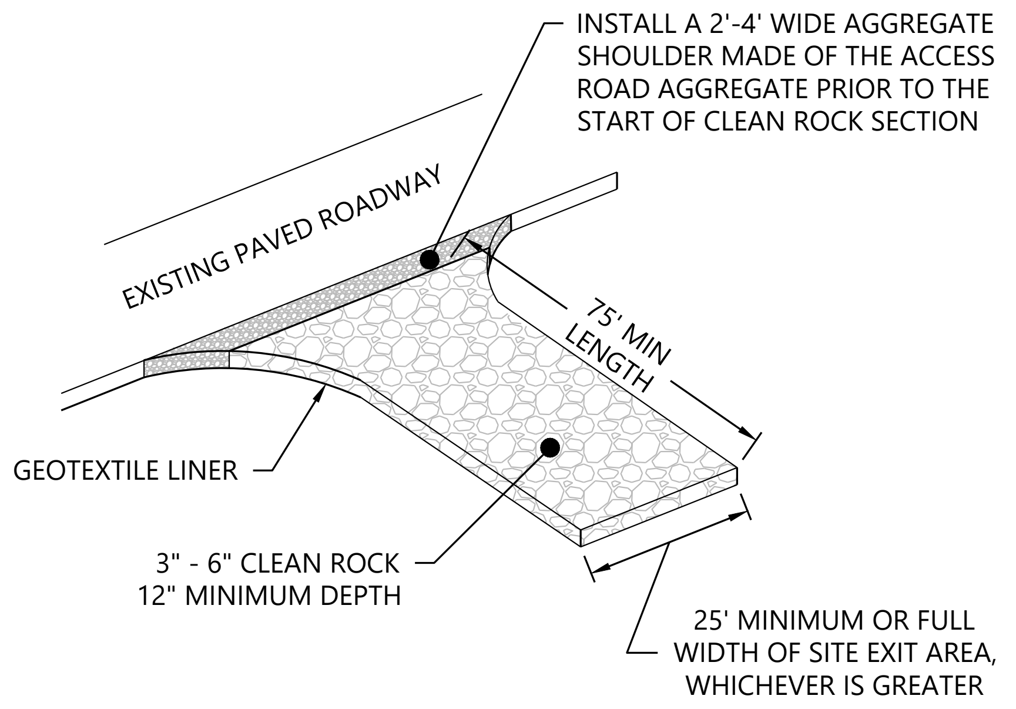
*KEY STONE INTO THE DITCH BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT OVER FLOW AROUND DAM.

CROSS SECTION A-A

SLOPE (%)	"L" (FT)	RIPRAP D50
<2	100	6"
3-5	67-40	6"
6-9	33-22	CONTACT ENGINEER

TABLE BASED ON A 24" DEPTH DITCH.

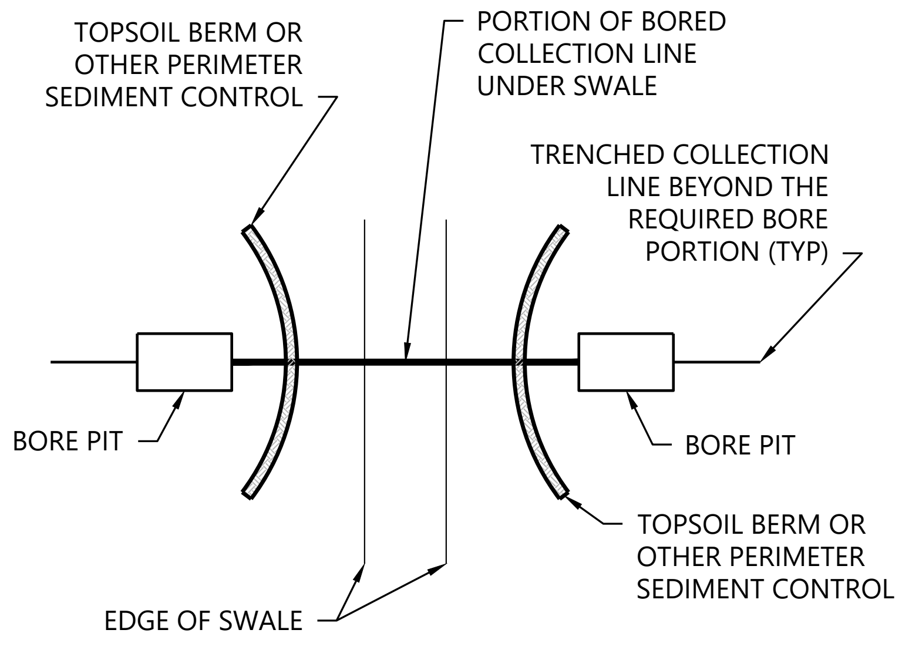
Westwood | TEMPORARY ROCK CHECK DAM | NOT TO SCALE | SW-31


INSTALL A 2'-4' WIDE AGGREGATE SHOULDER MADE OF THE ACCESS ROAD AGGREGATE PRIOR TO THE START OF CLEAN ROCK SECTION
EXISTING PAVED ROADWAY
75' MIN LENGTH
GEOTEXTILE LINER
3" - 6" CLEAN ROCK 12" MINIMUM DEPTH
25' MINIMUM OR FULL WIDTH OF SITE EXIT AREA, WHICHEVER IS GREATER

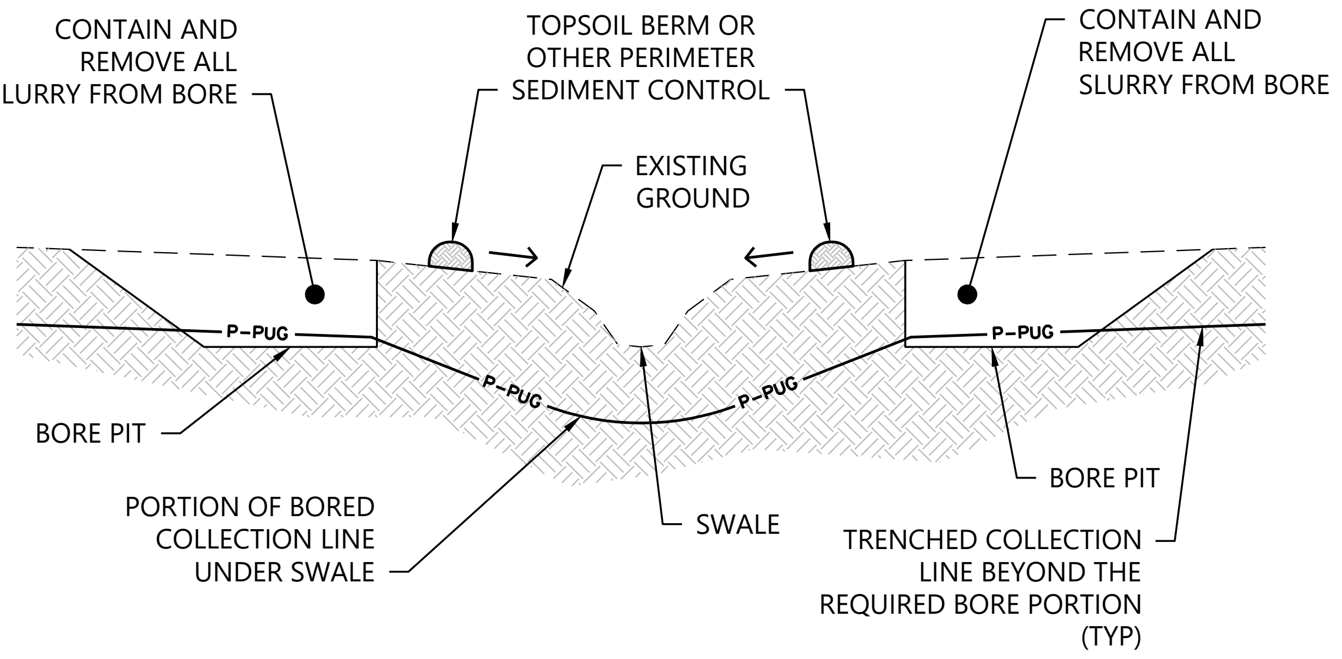
NOTES:

1. IF SEDIMENT TRACKING IS OBSERVED ON EXISTING PAVED ROADWAY, THE CONTRACTOR SHALL SCRAPE AND SWEEP THE SURFACE WITH A PICKUP BROOM ATTACHMENT OR VEHICLE.
2. REGULAR INSPECTION AND MAINTENANCE SHALL BE PERFORMED OVER LIFE OF USE.
3. LENGTH MAY NEED TO BE EXTENDED AS NECESSARY TO IMPROVE PERFORMANCE.
4. CLEAN ROCK MATERIAL SHALL BE SET BACK 2'-4' FROM THE EXISTING PAVED ROAD TO PROTECT INTEGRITY OF THE PAVEMENT.
5. CONTRACTOR SHALL REPAIR DAMAGE TO THE PUBLIC ROAD/SHOULDER IN THE IMMEDIATE VICINITY OF THE ROCK EXIT CAUSED BY CONSTRUCTION ACTIVITIES.

Westwood | VEHICLE TRACKOUT CONTROL - ROCK EXIT | NOT TO SCALE | SW-40


TOPSOIL BERM OR OTHER PERIMETER SEDIMENT CONTROL
PORTION OF BORED COLLECTION LINE UNDER SWALE
TRENCHED COLLECTION LINE BEYOND THE REQUIRED BORE PORTION (TYP)
BORE PIT
BORE PIT
TOPSOIL BERM OR OTHER PERIMETER SEDIMENT CONTROL
EDGE OF SWALE

PLAN VIEW

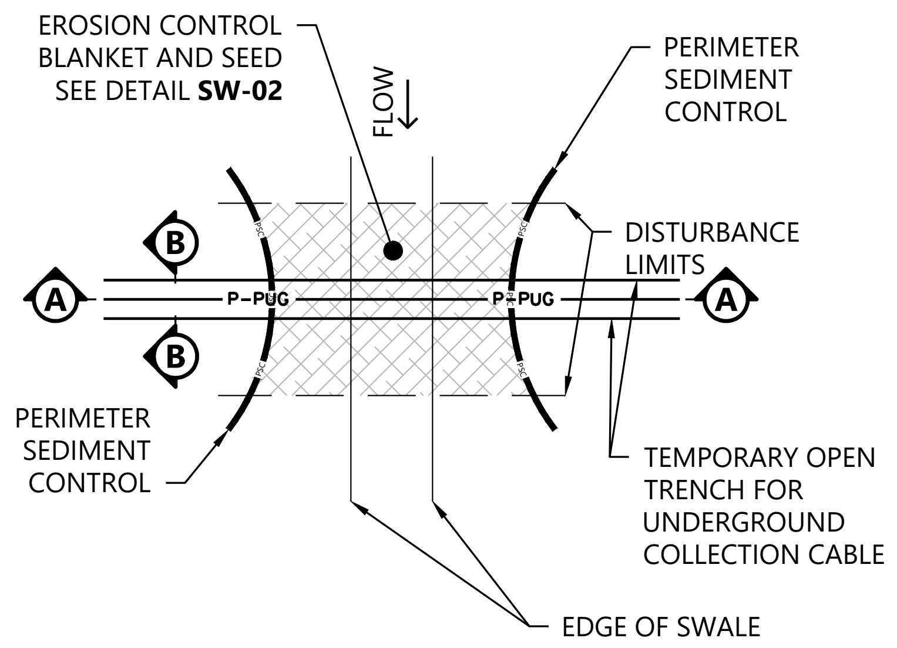

CONTAIN AND REMOVE ALL SLURRY FROM BORE
TOPSOIL BERM OR OTHER PERIMETER SEDIMENT CONTROL
CONTAIN AND REMOVE ALL SLURRY FROM BORE
EXISTING GROUND
P-PUG
P-PUG
P-PUG
P-PUG
BORE PIT
BORE PIT
PORTION OF BORED COLLECTION LINE UNDER SWALE
SWALE
TRENCHED COLLECTION LINE BEYOND THE REQUIRED BORE PORTION (TYP)

PROFILE VIEW

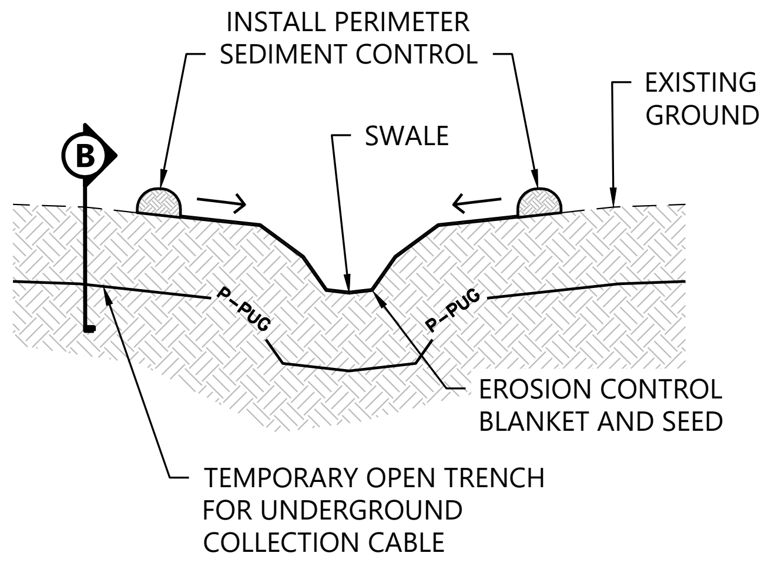
NOTES:

1. AVOID DISTURBANCE TO THE SWALE DURING CONSTRUCTION.
2. REFER TO PROJECT SPCC PLAN FOR ADDITIONAL REQUIREMENTS.
3. CONSTRUCT TOPSOIL BERM TO PROTECT EXISTING SWALE WHERE BORING WILL OCCUR FOR UNDERGROUND COLLECTION SYSTEM INSTALLATION.
4. ADDITIONAL SOILS SHALL BE STOCKPILED ADJACENT TO THE BORE PIT AND PROTECTED WITH PERIMETER SEDIMENT CONTROL.
5. ALTERNATE PERIMETER SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE, FIBER LOGS, OR WOOD MULCH BERMS. REFER TO APPROPRIATE DETAILS FOR INSTALLATION REQUIREMENTS.
6. REDUNDANT PERIMETER SEDIMENT CONTROLS ARE REQUIRED WITHIN 50' OF A WETLAND OR SURFACE WATER.
7. UPON REMOVAL OF THE BORE PITS, THE DISTURBED AREAS SHALL BE RESTORED TO NATIVE CONDITIONS. REFER TO THE NPDES PERMIT.

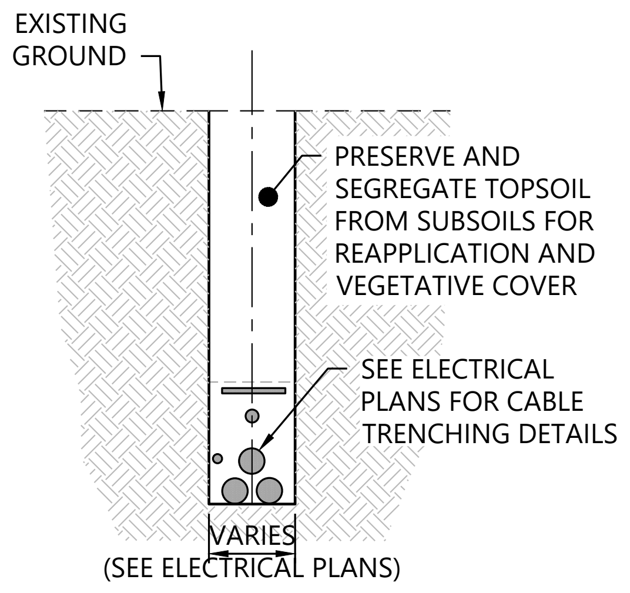
Westwood | POWER COLLECTION SYSTEM CROSSING OF EXISTING SWALE - BORE PIT | NOT TO SCALE | SW-65


EROSION CONTROL BLANKET AND SEED SEE DETAIL SW-02
FLOW
PERIMETER SEDIMENT CONTROL
DISTURBANCE LIMITS
A
A
B
B
P-PUG
P-PUG
PERIMETER SEDIMENT CONTROL
TEMPORARY OPEN TRENCH FOR UNDERGROUND COLLECTION CABLE
EDGE OF SWALE

PLAN VIEW


INSTALL PERIMETER SEDIMENT CONTROL
EXISTING GROUND
SWALE
B
P-PUG
P-PUG
EROSION CONTROL BLANKET AND SEED
TEMPORARY OPEN TRENCH FOR UNDERGROUND COLLECTION CABLE

SECTION A-A

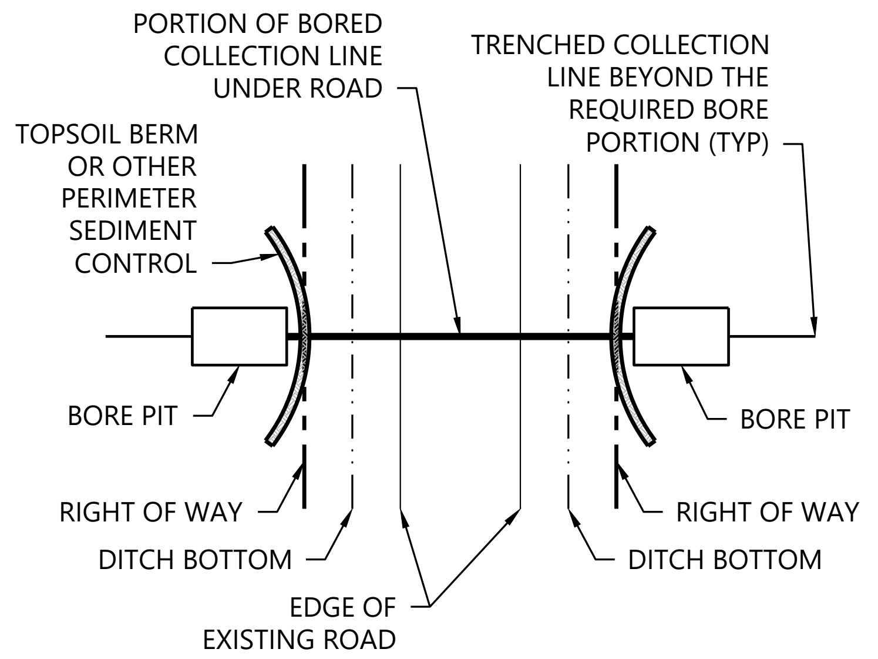

EXISTING GROUND
PRESERVE AND SEGREGATE TOPSOIL FROM SUBSOILS FOR REAPPLICATION AND VEGETATIVE COVER
SEE ELECTRICAL PLANS FOR CABLE TRENCHING DETAILS
VARIES
(SEE ELECTRICAL PLANS)

SECTION B-B

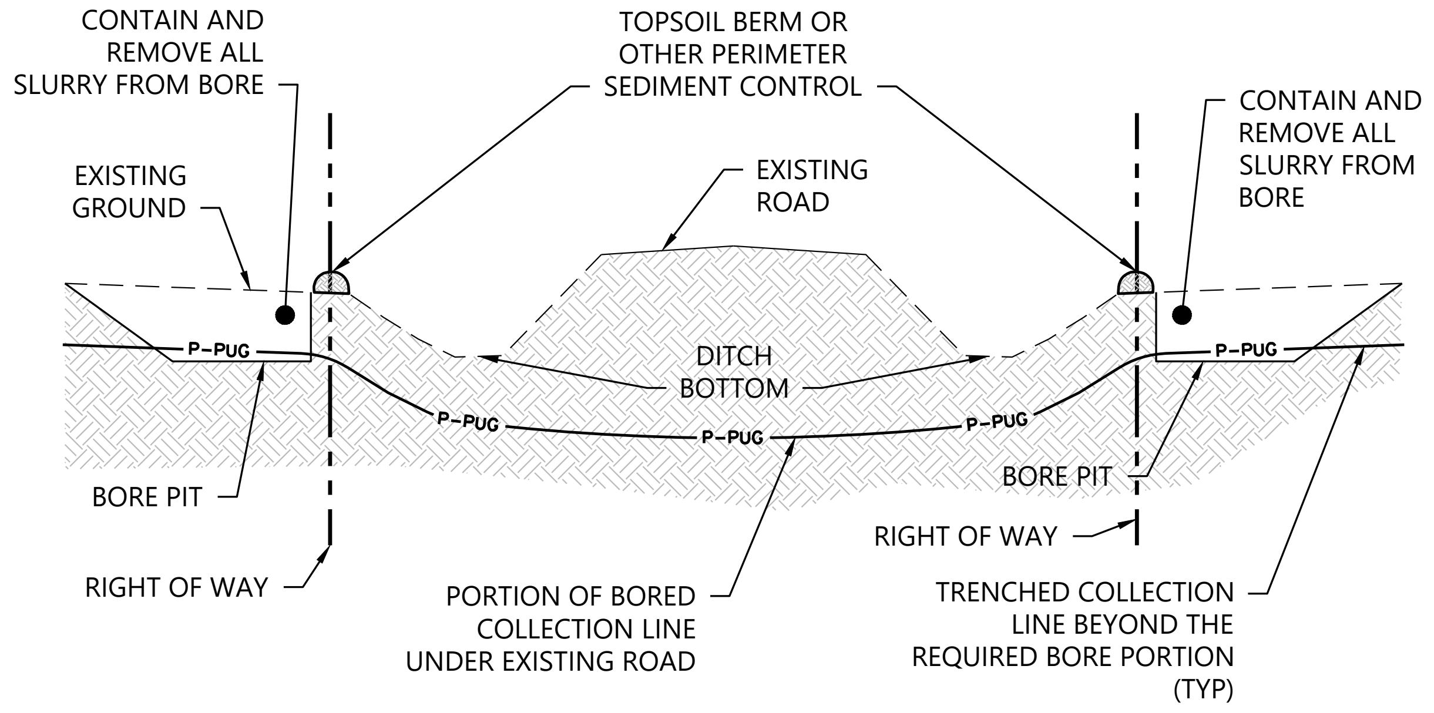
NOTES:

1. MINIMIZE DISTURBANCE TO THE SWALE DURING CONSTRUCTION.
2. REFER TO PROJECT SPCC PLAN FOR ADDITIONAL REQUIREMENTS.
3. SOILS SHALL BE STOCKPILED ADJACENT TO THE TRENCH, OUTSIDE OF THE SWALE AREA, AND PROTECTED WITH PERIMETER SEDIMENT CONTROL.
4. PERIMETER SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE, FIBER LOGS, WOOD MULCH BERMS, OR TOPSOIL BERMS. REFER TO DETAILS FOR INSTALLATION REQUIREMENTS.
5. REDUNDANT PERIMETER SEDIMENT CONTROLS ARE REQUIRED WITHIN 50' OF A WETLAND OR SURFACE WATER.
6. TRENCHING, CABLING, BACKFILL OF TRENCH, AND PLACEMENT OF EROSION CONTROL BLANKET AND SEED SHALL BE SAME DAY WITHIN CHANNEL FROM TOP OF BANK TO TOP OF BANK.
7. CONTRACTOR SHALL SCHEDULE OPEN TRENCHING DURING DRY CONDITIONS AND FORECASTED DRY PERIOD. EROSION AND SEDIMENT CONTROL BMPS MUST BE STOCKPILED ON SITE AND AVAILABLE FOR APPLICATION UPON WORK STARTING.
8. THE DISTURBED AREAS SHALL BE RESTORED TO NATIVE CONDITIONS. REFER TO THE NPDES PERMIT.

Westwood | POWER COLLECTION SYSTEM CROSSING OF EXISTING SWALE - OPEN TRENCH | NOT TO SCALE | SW-66


PORTION OF BORED COLLECTION LINE UNDER ROAD
TRENCHED COLLECTION LINE BEYOND THE REQUIRED BORE PORTION (TYP)
TOPSOIL BERM OR OTHER PERIMETER SEDIMENT CONTROL
BORE PIT
BORE PIT
RIGHT OF WAY
RIGHT OF WAY
DITCH BOTTOM
DITCH BOTTOM
EDGE OF EXISTING ROAD

PLAN VIEW


CONTAIN AND REMOVE ALL SLURRY FROM BORE
TOPSOIL BERM OR OTHER PERIMETER SEDIMENT CONTROL
CONTAIN AND REMOVE ALL SLURRY FROM BORE
EXISTING GROUND
EXISTING ROAD
DITCH BOTTOM
P-PUG
P-PUG
P-PUG
P-PUG
P-PUG
BORE PIT
BORE PIT
RIGHT OF WAY
RIGHT OF WAY
PORTION OF BORED COLLECTION LINE UNDER EXISTING ROAD
TRENCHED COLLECTION LINE BEYOND THE REQUIRED BORE PORTION (TYP)

PROFILE VIEW

NOTES:

1. AVOID DISTURBANCE WITHIN THE RIGHT OF WAY, DITCH AND EXISTING ROAD AREAS.
2. REFER TO PROJECT SPCC PLAN FOR ADDITIONAL REQUIREMENTS.
3. CONSTRUCT TOPSOIL BERM TO PROTECT EXISTING SWALE WHERE BORING WILL OCCUR FOR UNDERGROUND COLLECTION SYSTEM INSTALLATION.
4. ADDITIONAL SOILS SHALL BE STOCKPILED ADJACENT TO THE BORE PIT AND PROTECTED WITH PERIMETER SEDIMENT CONTROL.
5. ALTERNATE PERIMETER SEDIMENT CONTROLS MAY CONSIST OF SILT FENCE, FIBER LOGS, OR WOOD MULCH BERMS. REFER TO APPROPRIATE DETAILS FOR INSTALLATION REQUIREMENTS.
6. REDUNDANT PERIMETER SEDIMENT CONTROLS ARE REQUIRED WITHIN 50' OF A WETLAND OR SURFACE WATER.
7. UPON REMOVAL OF THE BORE PITS, THE DISTURBED AREAS SHALL BE RESTORED TO NATIVE CONDITIONS. REFER TO THE NPDES PERMIT.

Westwood | POWER COLLECTION SYSTEM CROSSING OF EXISTING ROAD - BORE PIT | NOT TO SCALE | SW-67

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10/14/25
Paige Mortenson
Exp: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY
120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

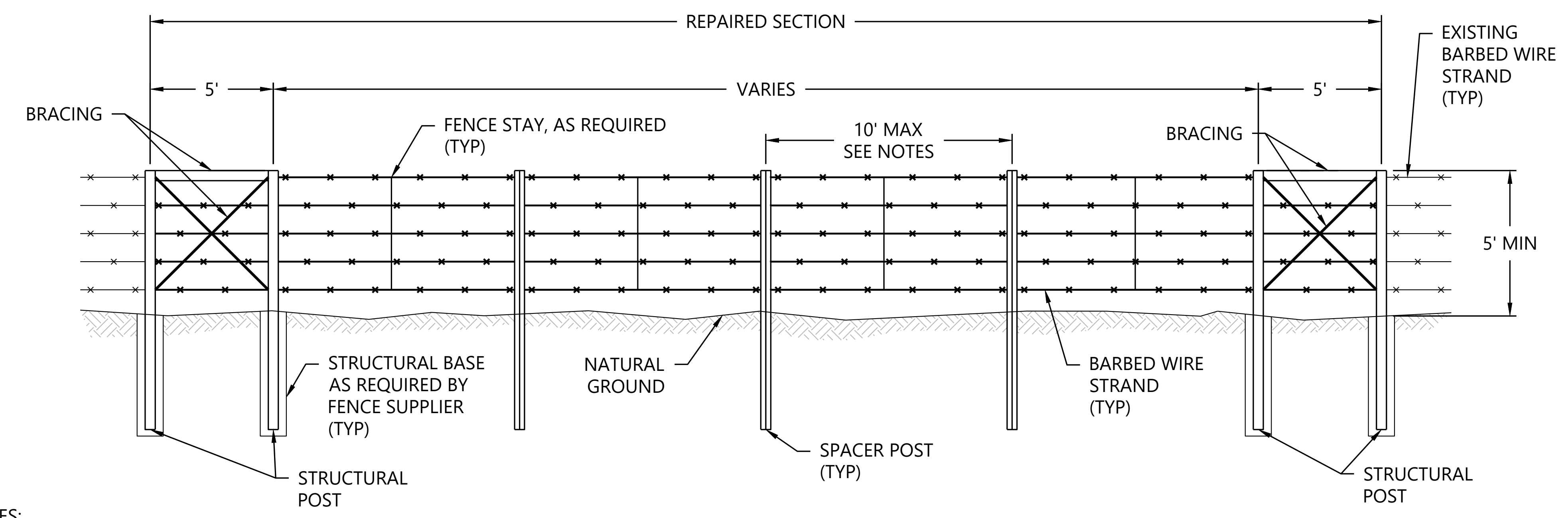
Coles Wind Project
Coles County, Illinois

Construction Details - 11

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C710
REV: 5

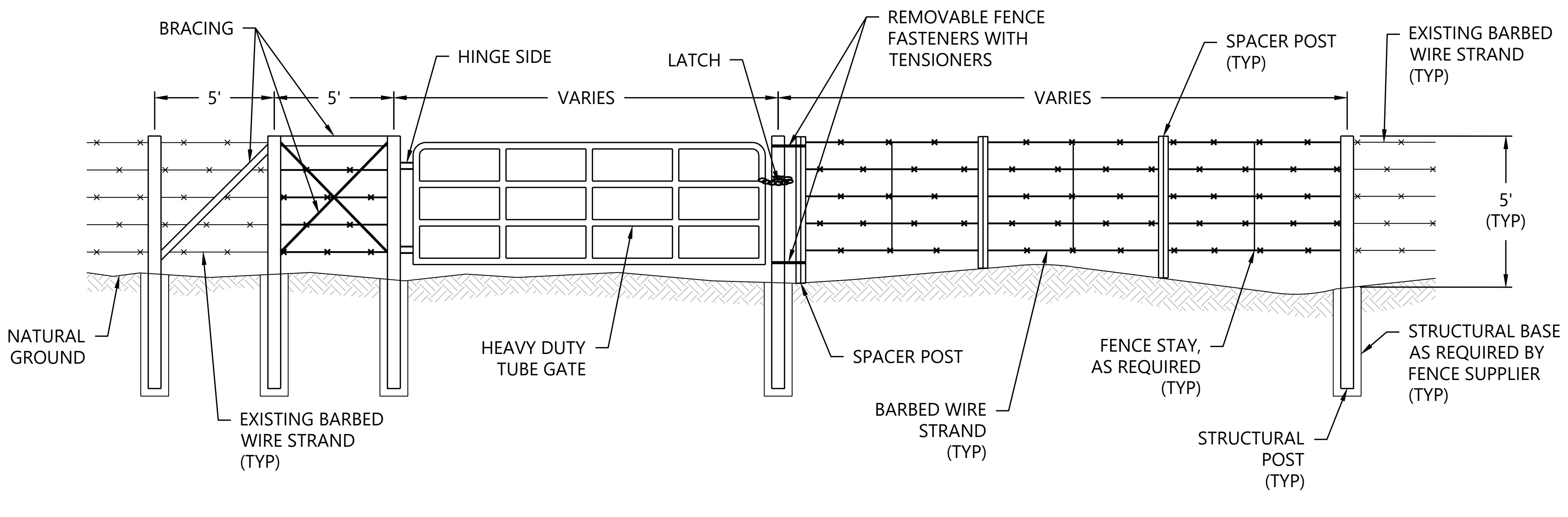
\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-DT01.dwg 10/14/2025 3:00 PM Sofia Lara Carrillo



NOTES:

1. NUMBER OF BARBED WIRE STRANDS, FENCE MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER.
5. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES.
7. WHEN A FENCE IS REMOVED FOR FUTURE REPLACEMENT, BRACING SHALL BE CONSTRUCTED ON EACH END OF THE REPAIRED SECTION TO ALLOW REPAIR TO BE TIGHTENED.

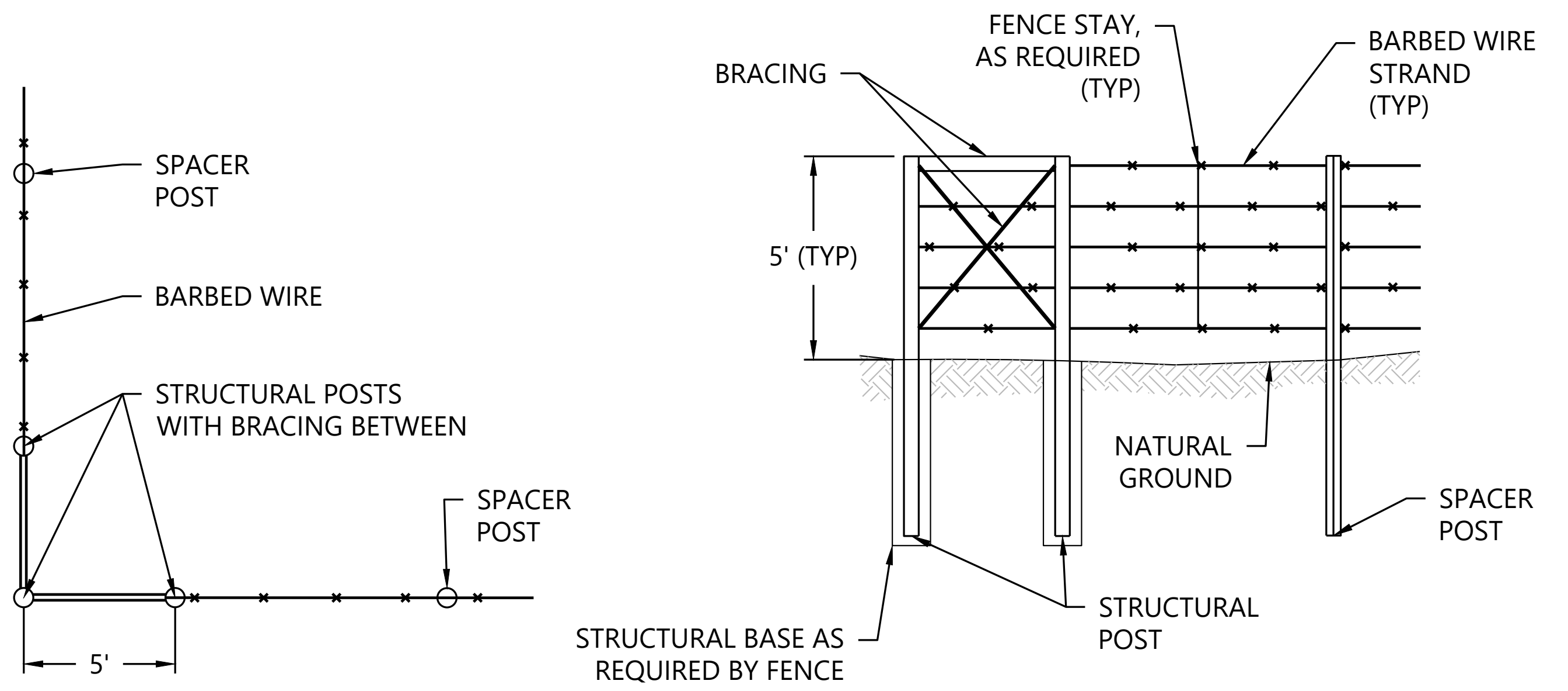
Westwood	BARBED WIRE FENCE REPAIR NOT TO SCALE	FN-11


BRACING
HINGE SIDE
LATCH
REMOVABLE FENCE FASTENERS WITH TENSIONERS
SPACER POST (TYP)
EXISTING BARBED WIRE STRAND (TYP)
5'
5'
VARIES
VARIES
5' (TYP)
NATURAL GROUND
HEAVY DUTY TUBE GATE
SPACER POST
FENCE STAY, AS REQUIRED (TYP)
STRUCTURAL BASE AS REQUIRED BY FENCE SUPPLIER (TYP)
EXISTING BARBED WIRE STRAND (TYP)
BARBED WIRE STRAND (TYP)
STRUCTURAL POST (TYP)

NOTES:

1. NUMBER OF BARBED WIRE STRANDS, FENCE/GATE MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER.
5. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES. TENSION SHALL NOT BE COMPROMISED. BRACING MAY BE REQUIRED FOR PERMANENT GATE APPLICATIONS.

Westwood	SINGLE TUBE GATE WITH BARBED WIRE GATE NOT TO SCALE	FN-15


SPACER POST
BARBED WIRE
STRUCTURAL POSTS WITH BRACING BETWEEN
SPACER POST
5'
BRACING
FENCE STAY, AS REQUIRED (TYP)
BARBED WIRE STRAND (TYP)
5' (TYP)
NATURAL GROUND
SPACER POST
STRUCTURAL POST
STRUCTURAL BASE AS REQUIRED BY FENCE SUPPLIER (TYP)

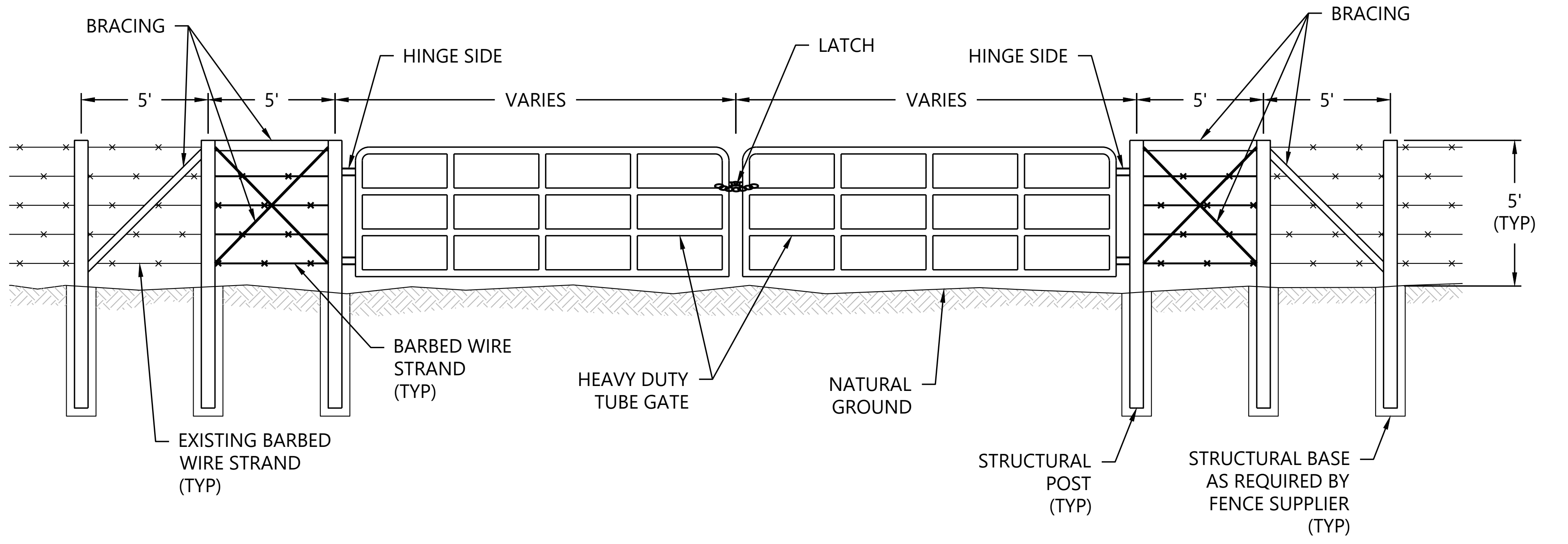
PLAN VIEW

PROFILE VIEW

NOTES:

1. NUMBER OF BARBED WIRE STRANDS, FENCE MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER.
5. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES.

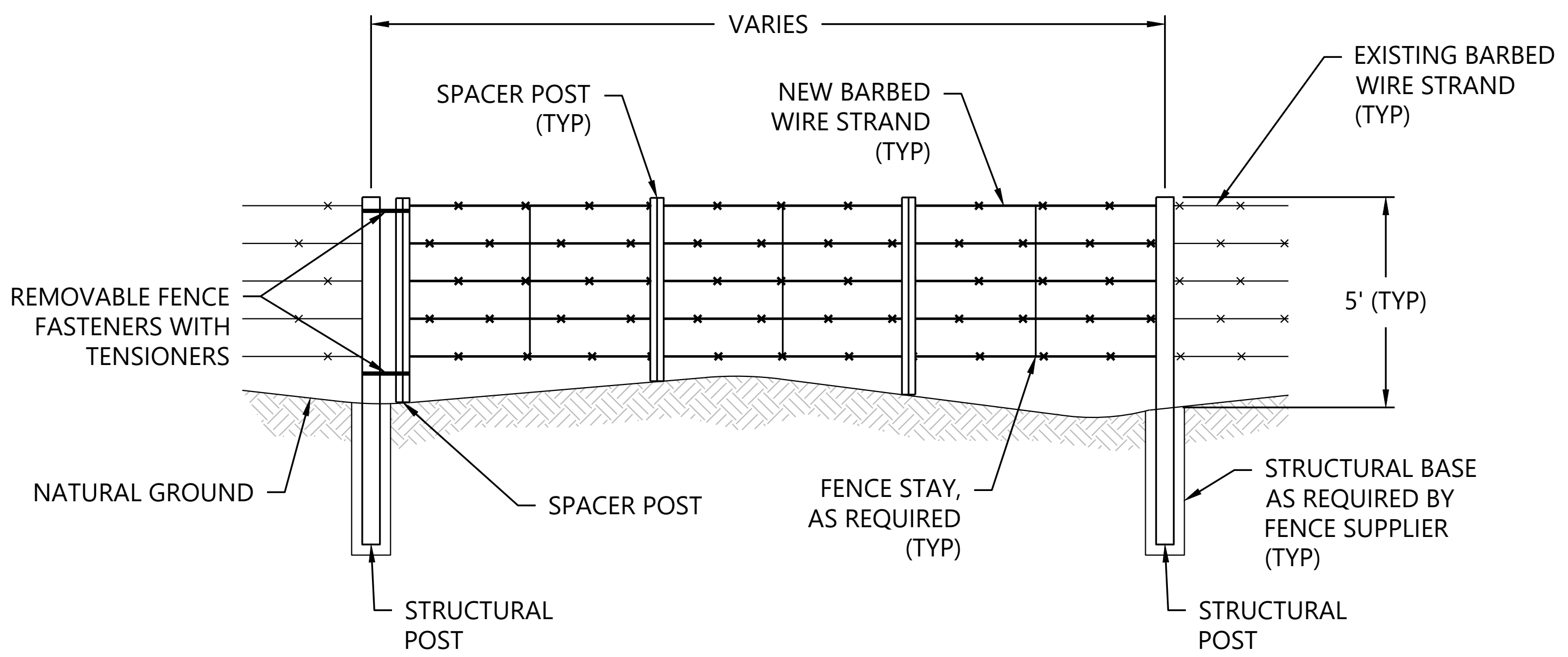
Westwood	BARBED WIRE FENCE CORNER NOT TO SCALE	FN-12



NOTES:

1. NUMBER OF BARBED WIRE STRANDS, FENCE/GATE MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER.
5. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES. TENSION SHALL NOT BE COMPROMISED.

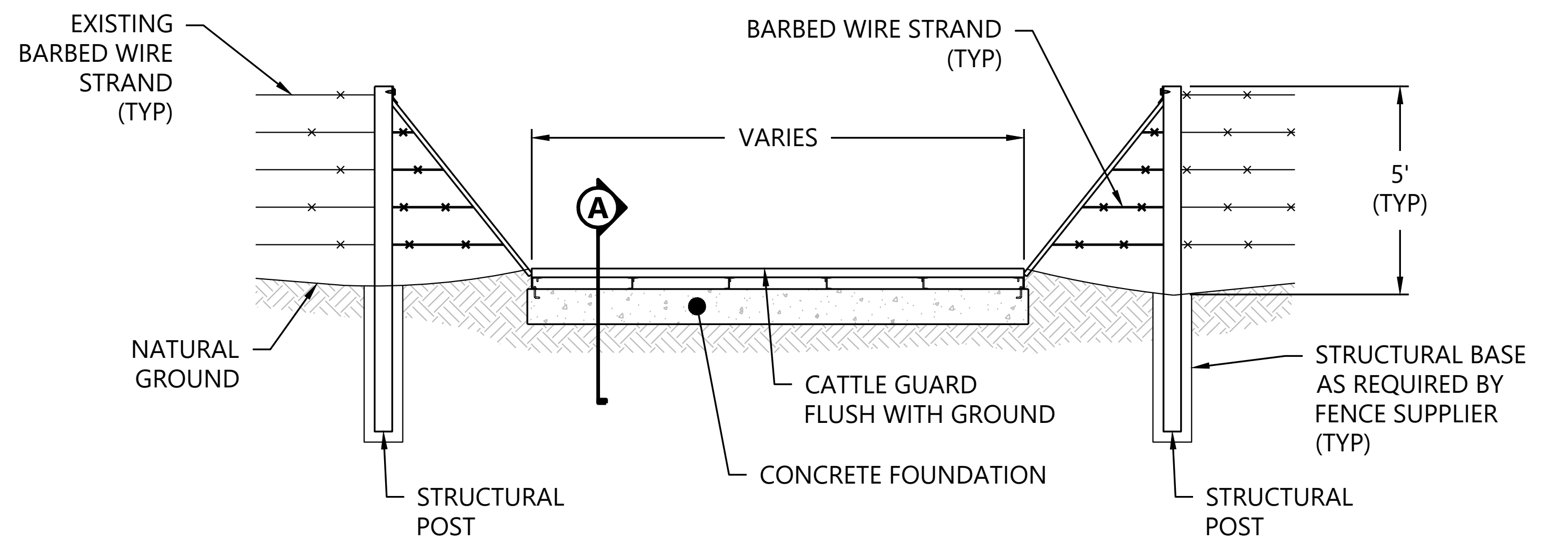
Westwood	DOUBLE TUBE GATE NOT TO SCALE	FN-16


VARIES
SPACER POST (TYP)
NEW BARBED WIRE STRAND (TYP)
EXISTING BARBED WIRE STRAND (TYP)
REMOVABLE FENCE FASTENERS WITH TENSIONERS
5' (TYP)
NATURAL GROUND
SPACER POST
FENCE STAY, AS REQUIRED (TYP)
STRUCTURAL BASE AS REQUIRED BY FENCE SUPPLIER (TYP)
STRUCTURAL POST
STRUCTURAL POST

NOTES:

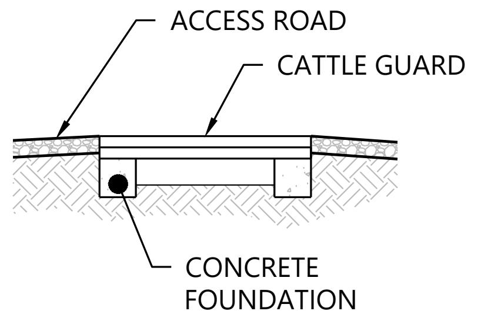
1. NUMBER OF BARBED WIRE STRANDS, FENCE MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND GATE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY FENCE SUPPLIER.
5. STRUCTURAL PLANS AND FENCE SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES. TENSION SHALL NOT BE COMPROMISED. BRACING MAY BE REQUIRED FOR PERMANENT GATE APPLICATIONS.

Westwood	BARBED WIRE GATE NOT TO SCALE	FN-13


EXISTING BARBED WIRE STRAND (TYP)
BARBED WIRE STRAND (TYP)
VARIES
A
5' (TYP)
NATURAL GROUND
CATTLE GUARD FLUSH WITH GROUND
CONCRETE FOUNDATION
STRUCTURAL BASE AS REQUIRED BY FENCE SUPPLIER (TYP)
STRUCTURAL POST
STRUCTURAL POST

NOTES:

1. NUMBER OF BARBED WIRE STRANDS, FENCE MATERIAL, CATTLE GUARD MATERIAL, AND CONFIGURATION SHALL MATCH EXISTING FENCES OR AS APPROVED BY OWNER.
2. TYPICAL FENCE AND CATTLE GUARD INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY FENCE SUPPLIER.
3. REFER TO FENCE AND CATTLE GUARD SUPPLIER SPECIFICATIONS AND DETAILS.
4. STRUCTURAL DESIGN OF FENCE POSTS AND FOUNDATIONS TO BE PROVIDED BY SUPPLIER.
5. STRUCTURAL PLANS AND SUPPLIER DRAWINGS SHALL SUPERSEDE THIS DETAIL IF CONFLICTS ARE PRESENT.
6. ALL FENCES SHALL BE TIED BACK TO MAINTAIN TENSION ON EXISTING FENCE PRIOR TO CUTTING OF THE EXISTING WIRES. TENSION SHALL NOT BE COMPROMISED.
7. CATTLE GUARD TO BE INSTALLED AFTER CRANE TRAVEL AND COMPONENT DELIVERY IS COMPLETE.
8. CATTLE GUARD OPENING/WIDTH SHALL MATCH ROAD WIDTH AT A MINIMUM.



SECTION A-A

Westwood	CATTLE GUARD NOT TO SCALE	FN-17

Westwood

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2901 Dallas Parkway, Suite 400
Plano, TX 75093
westwoodps.com

Westwood Professional Services, Inc.

LICENSED PROFESSIONAL ENGINEER
PAIGE R. MORTENSON
062-077157
OF ILLINOIS
10/14/25
Paige Mortenson
EXP: 11/30/25

PREPARED FOR:

APEX CLEAN ENERGY

120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 12

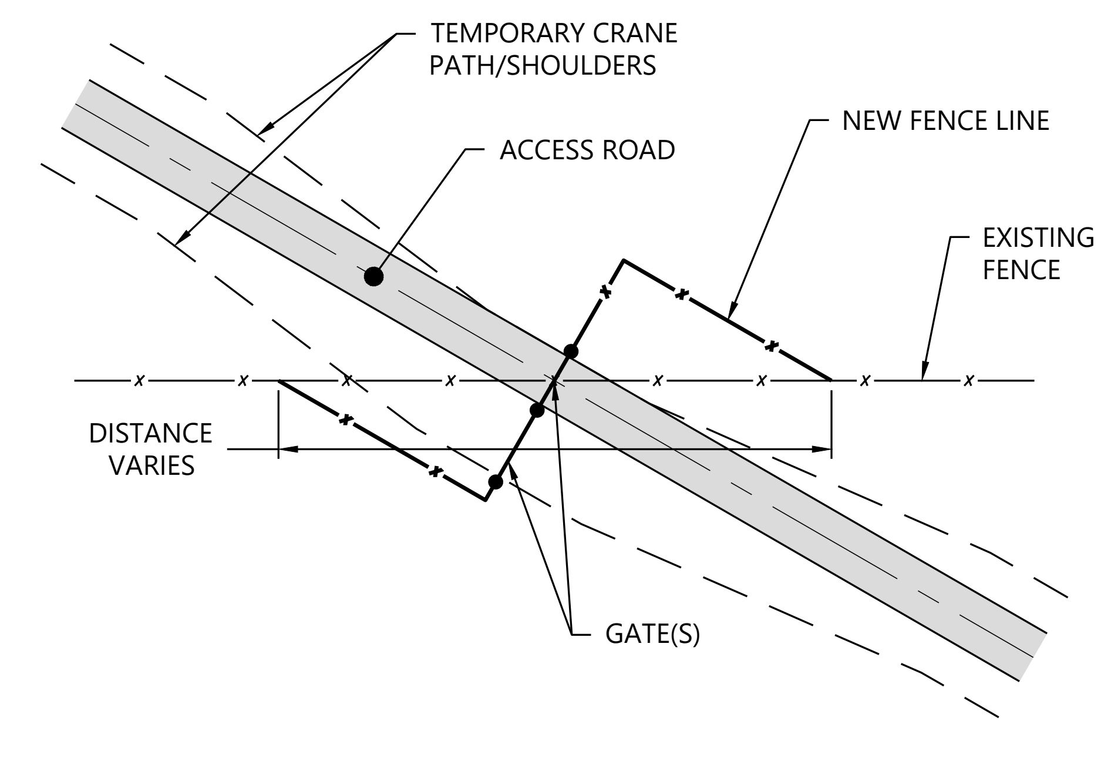
ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C711

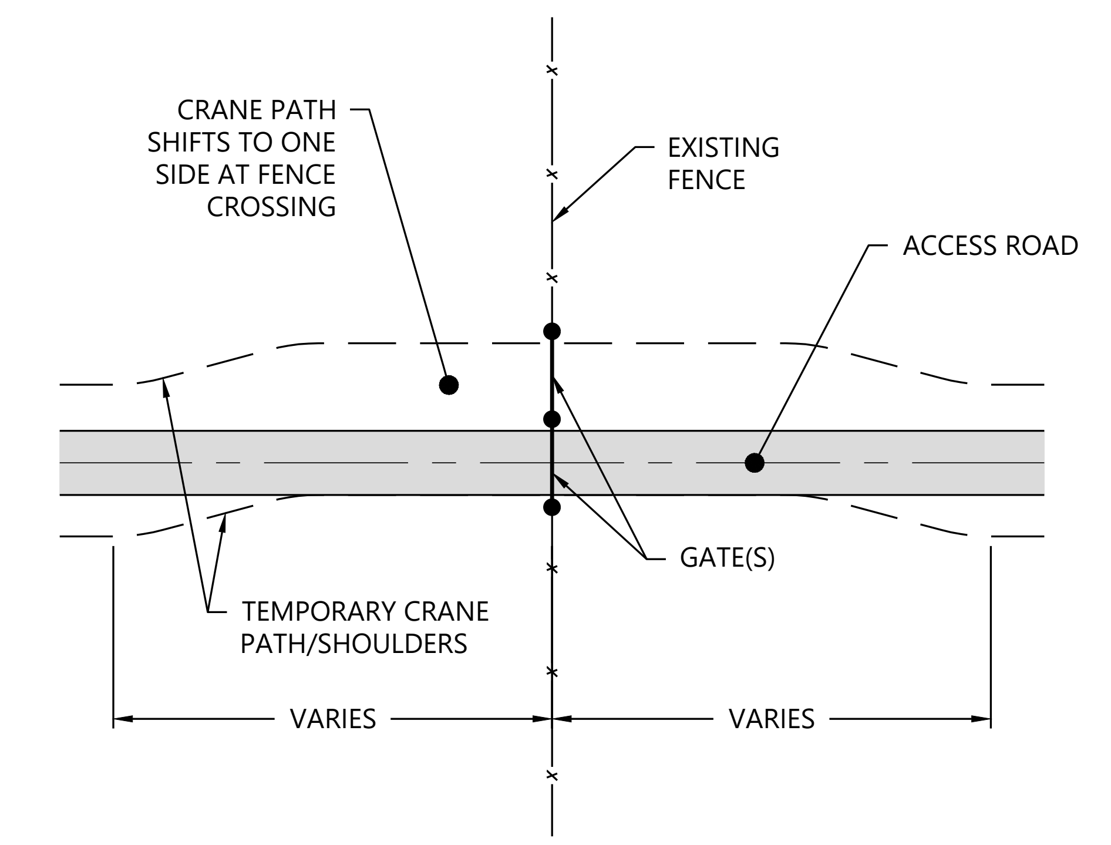
REV: 5

\\westwoodps.local\Global Projects\0042789.01_CAD_Civil\0042789.01C-DT01.dwg 10/14/2025 3:00 PM Sofia Lara Carrillo



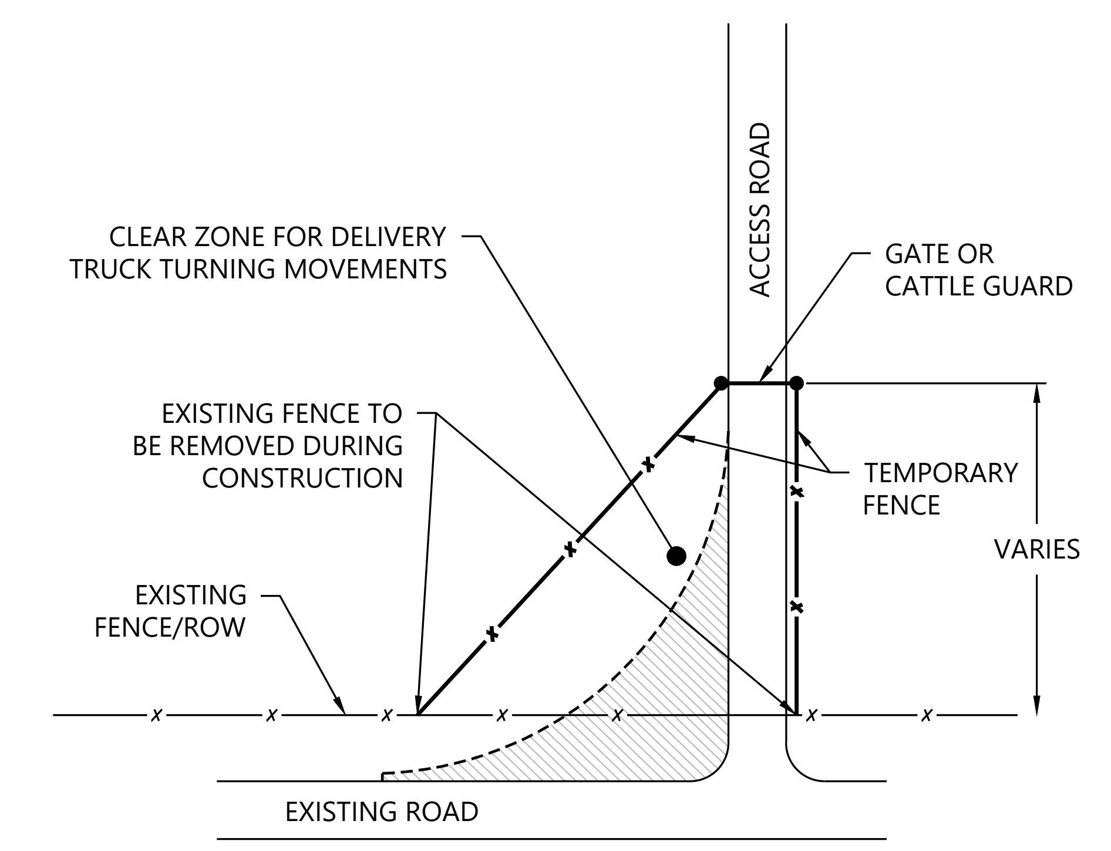
NOTES:
1. REFER TO GATE DETAILS FOR ADDITIONAL INFORMATION.
2. GATE(S) SHALL BE INSTALLED PERPENDICULAR TO ACCESS ROAD.
3. FENCE DIMENSIONS WILL VARY BASED ON PROPOSED ROAD ALIGNMENT AND EXISTING FENCE ANGLE.

Westwood
SKEWED FENCE CROSSING
NOT TO SCALE
FN-40


CRANE PATH SHIFTS TO ONE SIDE AT FENCE CROSSING
EXISTING FENCE
ACCESS ROAD
GATE(S)
TEMPORARY CRANE PATH/SHOULDERS
VARIES
VARIES

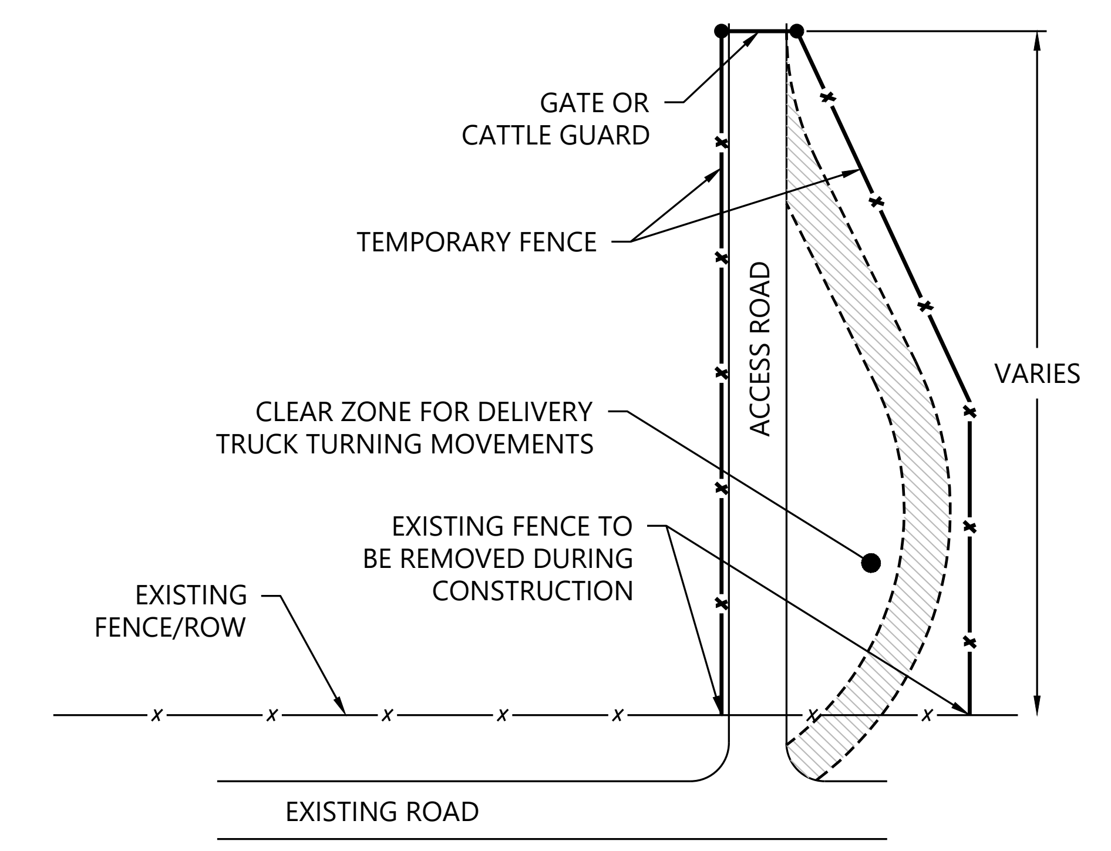
NOTES:
1. REFER TO GATE DETAILS FOR ADDITIONAL INFORMATION.
2. GATE(S) SHALL BE INSTALLED PERPENDICULAR TO ACCESS ROAD.

Westwood
SHIFTED CRANE PATH AT FENCE CROSSING
NOT TO SCALE
FN-41


ACCESS ROAD
CLEAR ZONE FOR DELIVERY TRUCK TURNING MOVEMENTS
GATE OR CATTLE GUARD
EXISTING FENCE TO BE REMOVED DURING CONSTRUCTION
TEMPORARY FENCE
VARIES
EXISTING FENCE/ROW
EXISTING ROAD

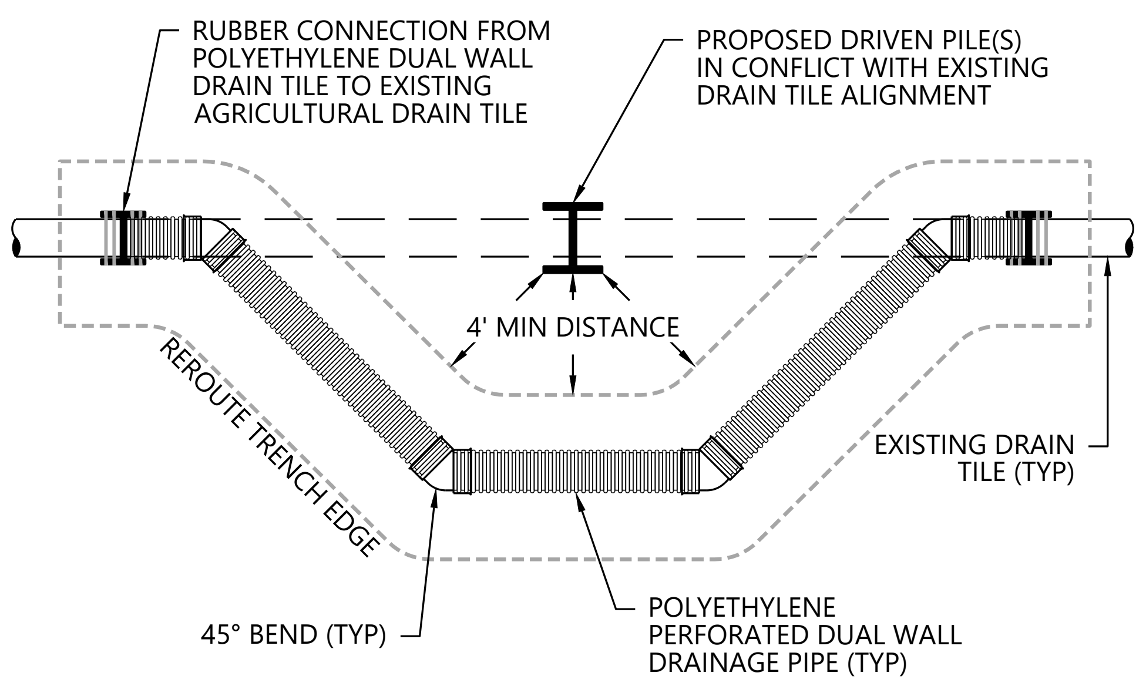
NOTE:
FOLLOWING TURBINE CONSTRUCTION TRAFFIC, THE TEMPORARY FENCE AND GATE SHALL BE REMOVED AND REINSTALLED TO MATCH THE PRE-CONSTRUCTION CONFIGURATION.

Westwood
TEMPORARY GATE/FENCE SETBACK FROM ROW - STANDARD
NOT TO SCALE
FN-42


GATE OR CATTLE GUARD
TEMPORARY FENCE
ACCESS ROAD
VARIES
CLEAR ZONE FOR DELIVERY TRUCK TURNING MOVEMENTS
EXISTING FENCE TO BE REMOVED DURING CONSTRUCTION
EXISTING FENCE/ROW
EXISTING ROAD

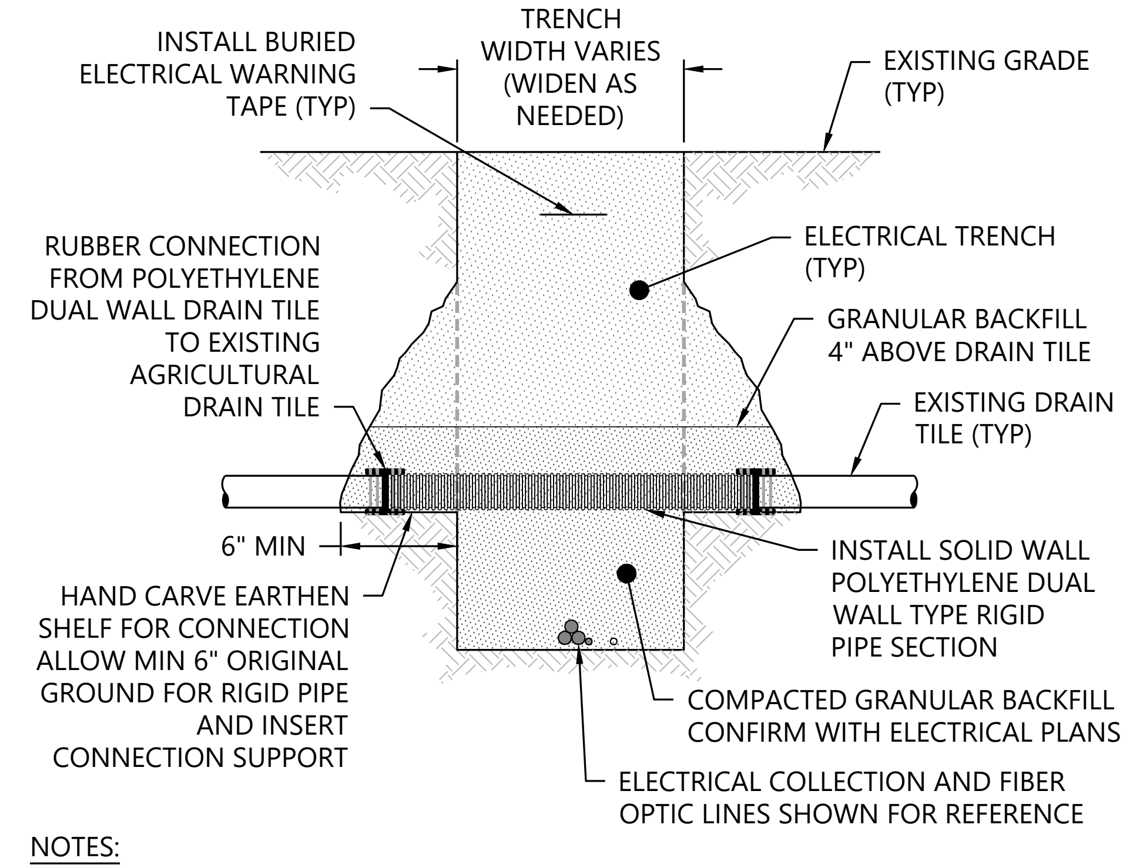
NOTE:
FOLLOWING TURBINE CONSTRUCTION TRAFFIC, THE TEMPORARY FENCE AND GATE SHALL BE REMOVED AND REINSTALLED TO MATCH THE PRE-CONSTRUCTION CONFIGURATION.

Westwood
TEMPORARY GATE/FENCE SETBACK FROM ROW - JUG HANDLE
NOT TO SCALE
FN-43


RUBBER CONNECTION FROM POLYETHYLENE DUAL WALL DRAIN TILE TO EXISTING AGRICULTURAL DRAIN TILE
PROPOSED DRIVEN PILE(S) IN CONFLICT WITH EXISTING DRAIN TILE ALIGNMENT
4' MIN DISTANCE
REROUTE TRENCH EDGE
EXISTING DRAIN TILE (TYP)
45° BEND (TYP)
POLYETHYLENE PERFORATED DUAL WALL DRAINAGE PIPE (TYP)

NOTES:
1. TYPICAL DRAIN TILE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DESIGN AND MATERIALS TO BE PROVIDED BY QUALIFIED DRAIN TILE CONTRACTOR.
2. SEPARATE TOP SOIL FROM SUB SOIL DURING EXCAVATION. BACKFILL SUB SOIL LAYER FIRST AND BACKFILL THE TOP SOIL OVER SUB SOIL LAYER.
3. MATCH EXISTING TILE SIZE.

Westwood
DRAIN TILE REROUTE
NOT TO SCALE
UT-40


INSTALL BURIED ELECTRICAL WARNING TAPE (TYP)
TRENCH WIDTH VARIES (WIDEN AS NEEDED)
EXISTING GRADE (TYP)
RUBBER CONNECTION FROM POLYETHYLENE DUAL WALL DRAIN TILE TO EXISTING AGRICULTURAL DRAIN TILE
ELECTRICAL TRENCH (TYP)
GRANULAR BACKFILL 4" ABOVE DRAIN TILE
EXISTING DRAIN TILE (TYP)
6" MIN
INSTALL SOLID WALL POLYETHYLENE DUAL WALL TYPE RIGID PIPE SECTION
HAND CARVE EARTHEN SHELF FOR CONNECTION ALLOW MIN 6" ORIGINAL GROUND FOR RIGID PIPE AND INSERT CONNECTION SUPPORT
COMPACTED GRANULAR BACKFILL CONFIRM WITH ELECTRICAL PLANS
ELECTRICAL COLLECTION AND FIBER OPTIC LINES SHOWN FOR REFERENCE

NOTES:
1. TYPICAL DRAIN TILE INFORMATION SHOWN IS INTENDED FOR PLANNING PURPOSES. ACTUAL DESIGN AND MATERIALS TO BE PROVIDED BY QUALIFIED DRAIN TILE CONTRACTOR.
2. CONFIRM INFORMATION, BACKFILL, AND COMPACTION REQUIREMENTS WITH ELECTRICAL ENGINEER.
3. MATCH EXISTING TILE SIZE.

Westwood
DRAIN TILE TRENCH REPAIR
NOT TO SCALE
UT-41

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PREPARED FOR:

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120 Garrett St Suite 700
Charlottesville, VA 22902

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 13

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C712

REV: 5

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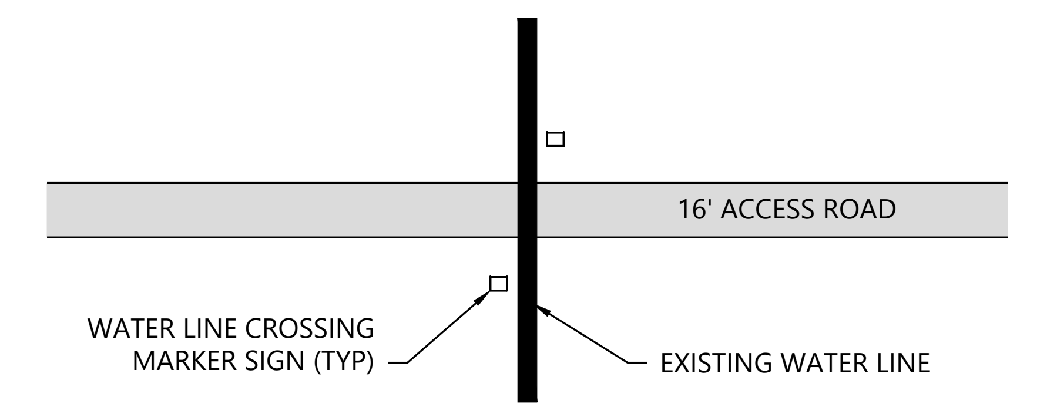
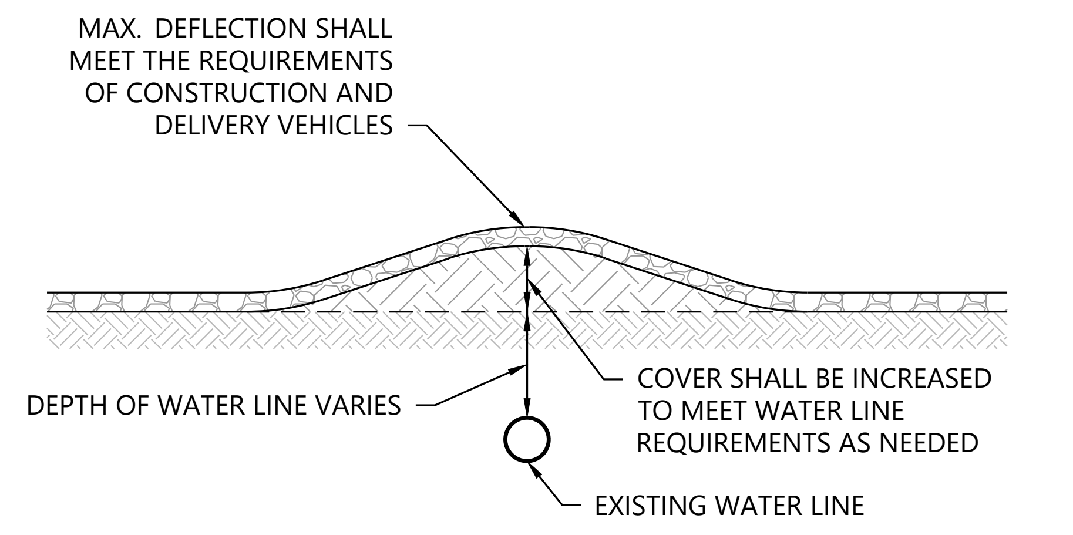


PLAN VIEW

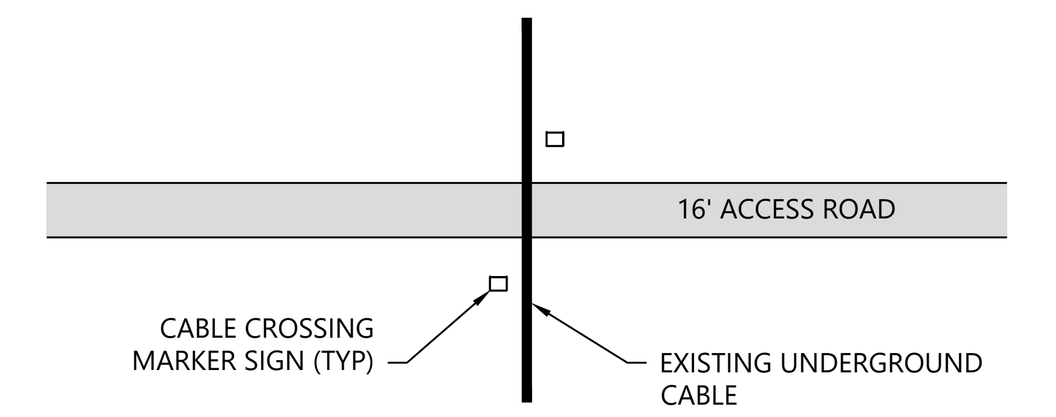

MAX. DEFLECTION SHALL MEET THE REQUIREMENTS OF CONSTRUCTION AND DELIVERY VEHICLES
DEPTH OF WATER LINE VARIES
COVER SHALL BE INCREASED TO MEET WATER LINE REQUIREMENTS AS NEEDED
EXISTING WATER LINE

PROFILE VIEW

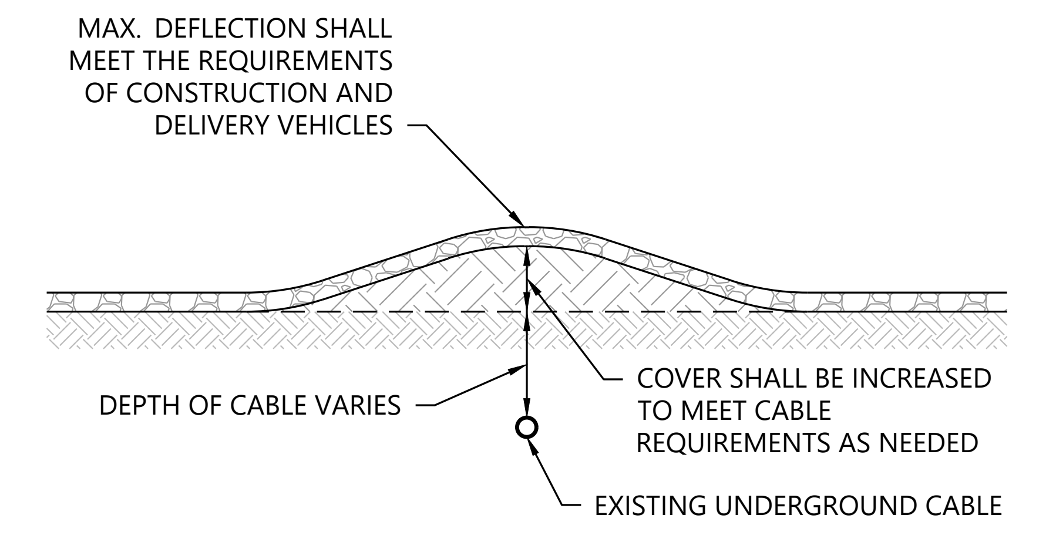
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE WATER LINE OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY WATER LINE OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. PRIOR TO ANY DIGGING, CONTRACTOR SHALL CONTACT THE STATE ONE-CALL SYSTEM AT 811.
4. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
5. EARTH COVER PROTECTION FOR EXISTING WATER LINE SHALL BE USED WHERE THE COVER OVER THE EXISTING WATER LINE IS LESS THAN REQUIRED IN THE UTILITY CROSSING AGREEMENT.
6. INSTALL CROSSING MARKER SIGNS AT PERMANENT CROSSINGS IN ACCORDANCE WITH THE UTILITY CROSSING AGREEMENT.

Westwood | ACCESS ROAD CROSSING OF EXISTING WATER LINE | NOT TO SCALE | UT-02



PLAN VIEW

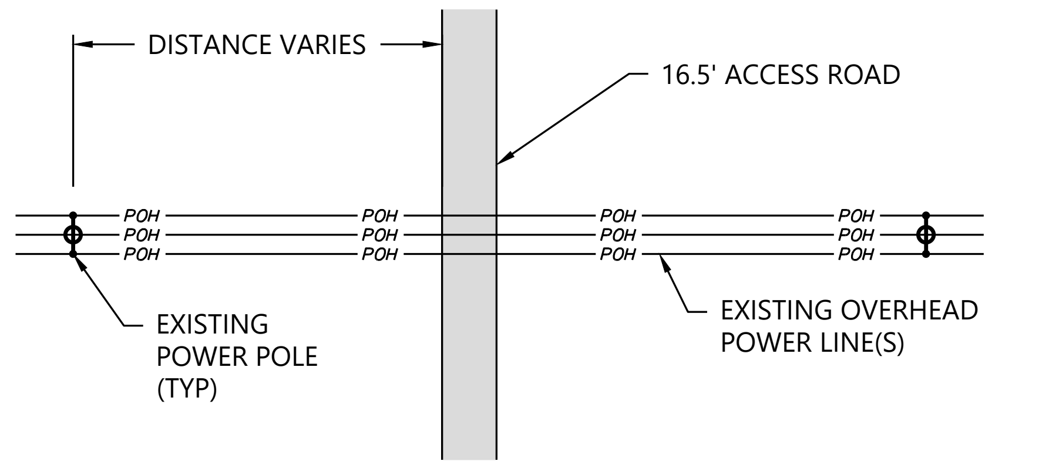

MAX. DEFLECTION SHALL MEET THE REQUIREMENTS OF CONSTRUCTION AND DELIVERY VEHICLES
DEPTH OF CABLE VARIES
COVER SHALL BE INCREASED TO MEET CABLE REQUIREMENTS AS NEEDED
EXISTING UNDERGROUND CABLE

PROFILE VIEW

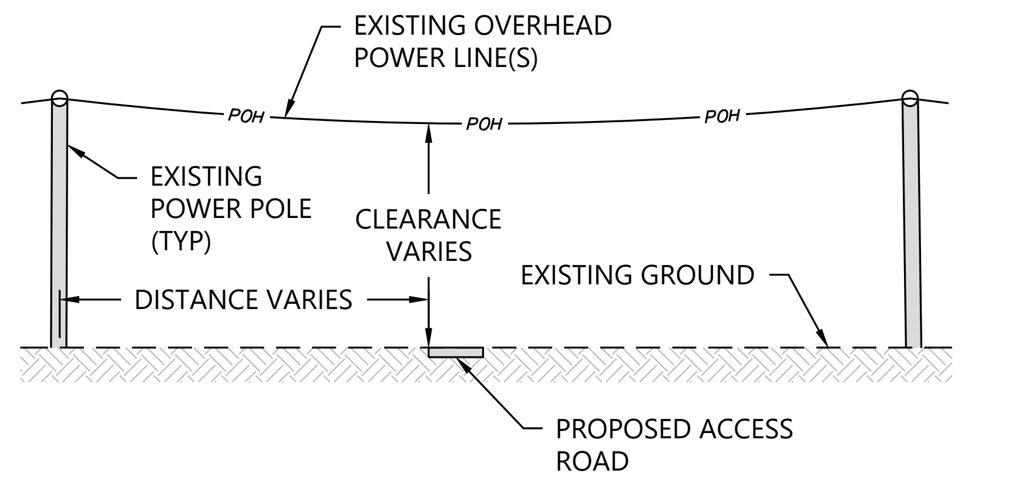
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE CABLE OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY CABLE OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. PRIOR TO ANY DIGGING, CONTRACTOR SHALL CONTACT THE STATE ONE-CALL SYSTEM AT 811.
4. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
5. EARTH COVER PROTECTION FOR EXISTING CABLE SHALL BE USED WHERE THE COVER OVER THE EXISTING CABLE IS LESS THAN REQUIRED IN THE UTILITY CROSSING AGREEMENT.
6. INSTALL CROSSING MARKER SIGNS AT PERMANENT CROSSINGS IN ACCORDANCE WITH THE UTILITY CROSSING AGREEMENT.

Westwood | ACCESS ROAD CROSSING OF EXISTING UNDERGROUND CABLE | NOT TO SCALE | UT-03



PLAN VIEW

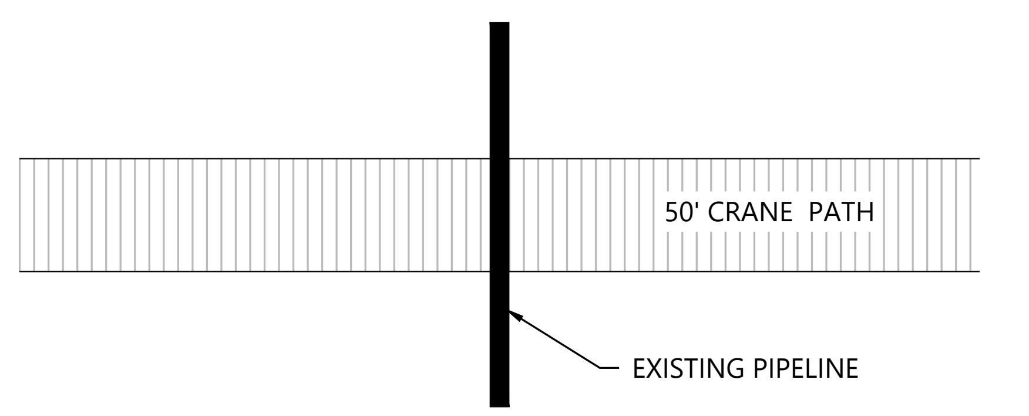


PROFILE VIEW

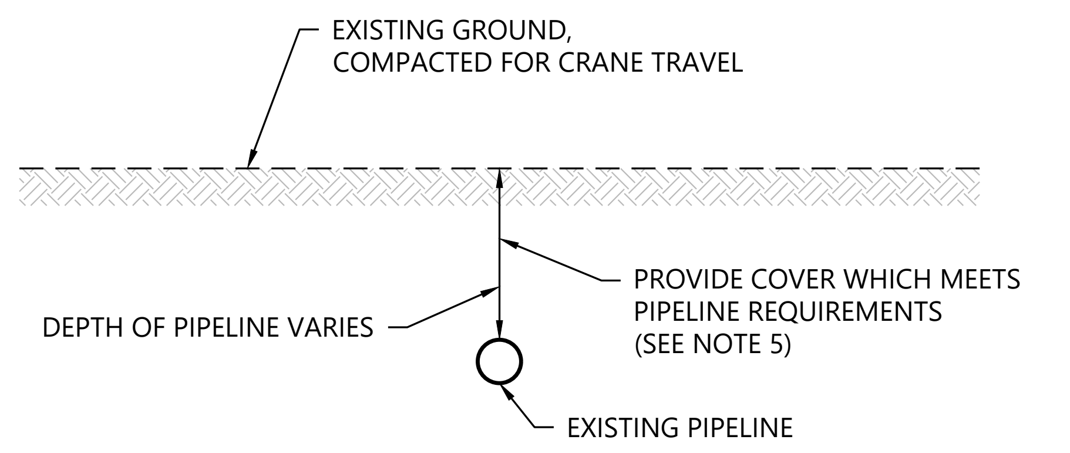
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE OVERHEAD POWER OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY OVERHEAD POWER OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
4. DISTURBED GROUND NOT COVERED BY GRAVEL WILL BE RESTORED TO EXISTING CONDITIONS.
5. IN SOME CASES, PROPOSED ACCESS ROAD ELEVATION MAY VARY FROM EXISTING GROUND ELEVATION.
6. MAINTAIN OSHA AND OTHER APPLICABLE CLEARANCES/PROTOCOL.

Westwood | ACCESS ROAD CROSSING OF EXISTING OVERHEAD POWER | NOT TO SCALE | UT-04



PLAN VIEW

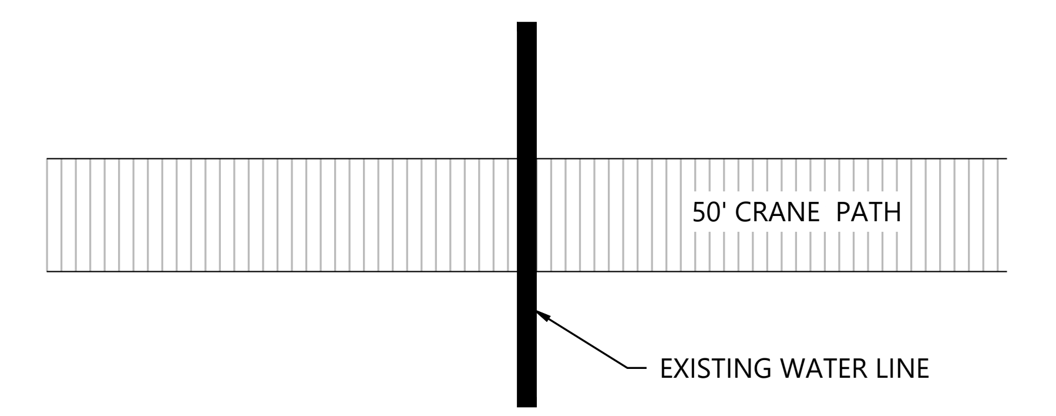

EXISTING GROUND, COMPACTED FOR CRANE TRAVEL
DEPTH OF PIPELINE VARIES
PROVIDE COVER WHICH MEETS PIPELINE REQUIREMENTS (SEE NOTE 5)
EXISTING PIPELINE

PROFILE VIEW

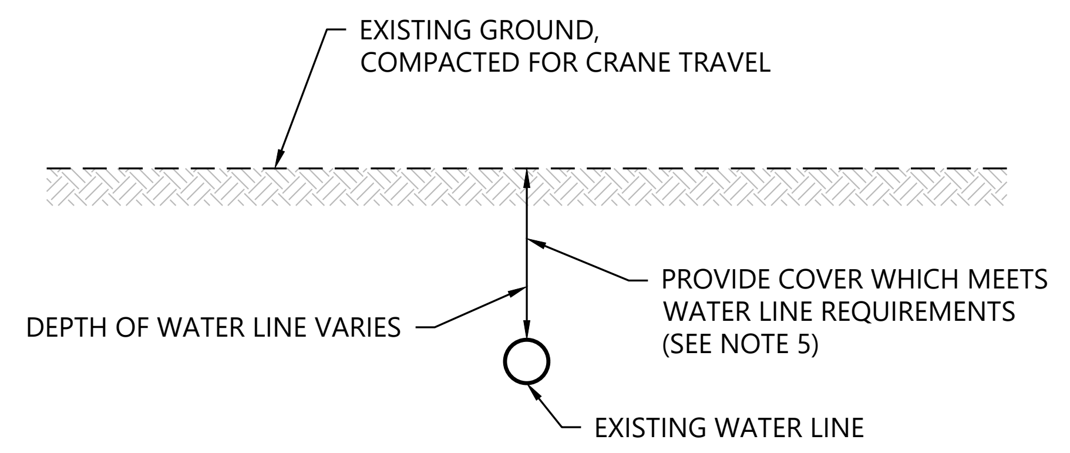
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE PIPELINE OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY PIPELINE OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. PRIOR TO ANY DIGGING, CONTRACTOR SHALL CONTACT THE STATE ONE-CALL SYSTEM AT 811.
4. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
5. MATTING OR EARTHEN COVER MAY BE NEEDED TO ACHIEVE NECESSARY SUPPORT FOR CROSSINGS. THIS WILL BE AGREED UPON BY THE CONTRACTOR AND PIPELINE OWNER ON A CASE-BY-CASE BASIS.

Westwood | CRANE CROSSING OF EXISTING PIPELINE | NOT TO SCALE | UT-10



PLAN VIEW

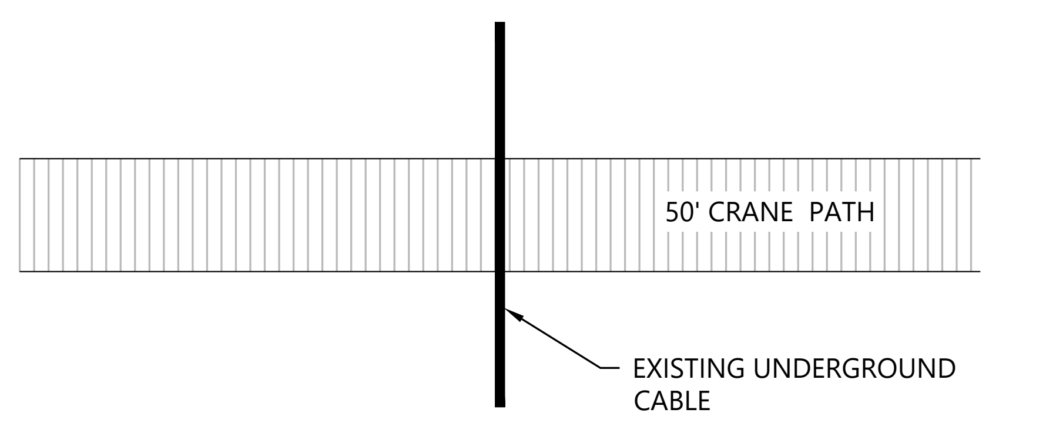

EXISTING GROUND, COMPACTED FOR CRANE TRAVEL
DEPTH OF WATER LINE VARIES
PROVIDE COVER WHICH MEETS WATER LINE REQUIREMENTS (SEE NOTE 5)
EXISTING WATER LINE

PROFILE VIEW

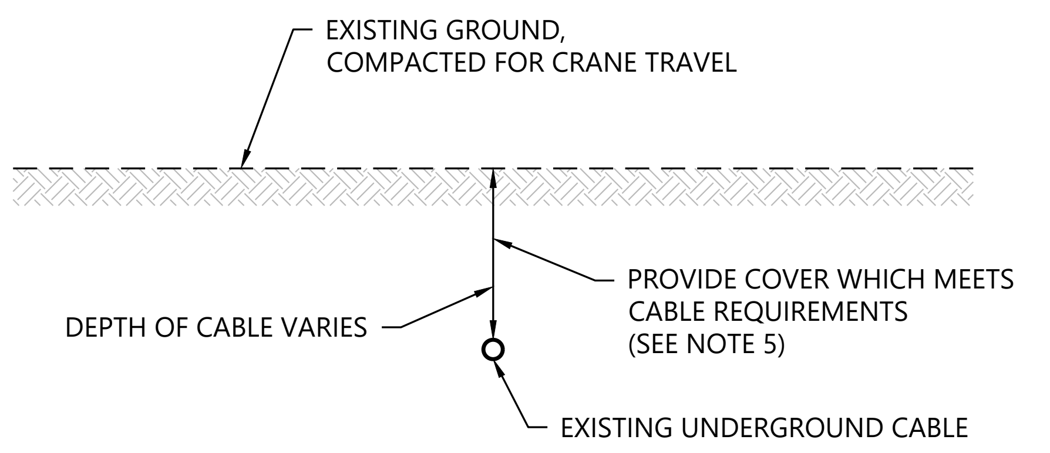
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE WATER LINE OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY WATER LINE OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. PRIOR TO ANY DIGGING, CONTRACTOR SHALL CONTACT THE STATE ONE-CALL SYSTEM AT 811.
4. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
5. MATTING OR EARTHEN COVER MAY BE NEEDED TO ACHIEVE NECESSARY SUPPORT FOR CROSSINGS. THIS WILL BE AGREED UPON BY THE CONTRACTOR AND WATER LINE OWNER ON A CASE-BY-CASE BASIS.

Westwood | CRANE CROSSING OF EXISTING WATER LINE | NOT TO SCALE | UT-11



PLAN VIEW

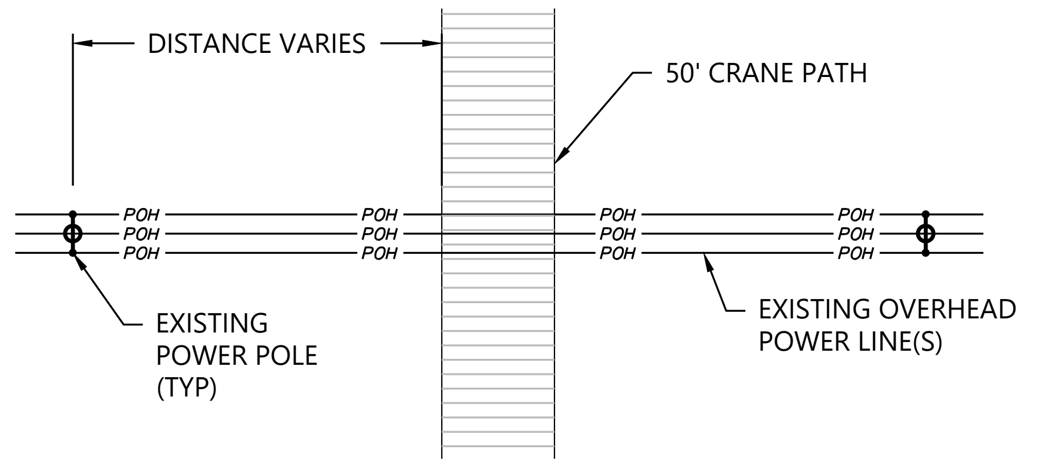

EXISTING GROUND, COMPACTED FOR CRANE TRAVEL
DEPTH OF CABLE VARIES
PROVIDE COVER WHICH MEETS CABLE REQUIREMENTS (SEE NOTE 5)
EXISTING UNDERGROUND CABLE

PROFILE VIEW

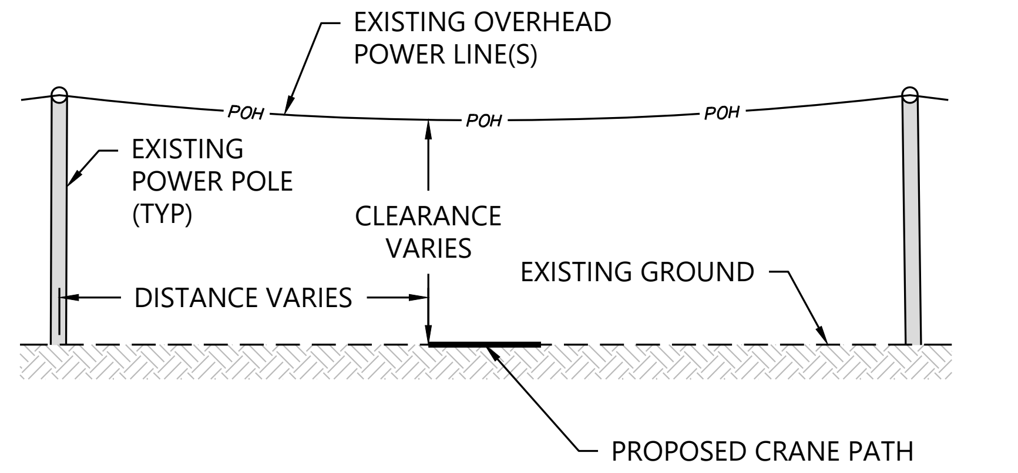
NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE CABLE OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY CABLE OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. PRIOR TO ANY DIGGING, CONTRACTOR SHALL CONTACT THE STATE ONE-CALL SYSTEM AT 811.
4. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
5. MATTING OR EARTHEN COVER MAY BE NEEDED TO ACHIEVE NECESSARY SUPPORT FOR CROSSINGS. THIS WILL BE AGREED UPON BY THE CONTRACTOR AND CABLE OWNER ON A CASE-BY-CASE BASIS.

Westwood | CRANE CROSSING OF EXISTING UNDERGROUND CABLE | NOT TO SCALE | UT-12



PLAN VIEW



PROFILE VIEW

NOTES:

1. EACH CROSSING MUST BE APPROVED BY THE OVERHEAD POWER OWNER PRIOR TO CROSSING ON A CASE-BY-CASE BASIS. REFER TO THE UTILITY CROSSING AGREEMENT.
2. CONTRACTOR SHALL NOTIFY OVERHEAD POWER OWNER PRIOR TO CONSTRUCTION ACTIVITIES.
3. CROSSINGS SHOULD BE AT OR AS NEAR TO RIGHT ANGLES AS PRACTICAL.
4. DISTURBED GROUND WILL BE RESTORED TO EXISTING CONDITIONS.
5. IN SOME CASES, PROPOSED CRANE PATH ELEVATION MAY VARY FROM EXISTING GROUND ELEVATION.
6. MAINTAIN OSHA AND OTHER APPLICABLE CLEARANCES/PROTOCOL.

Westwood | CRANE CROSSING OF EXISTING OVERHEAD POWER | NOT TO SCALE | UT-13

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120 Garrett St Suite 700
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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Construction Details - 14

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C713

REV: 5

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ROAD DESIGN PARAMETERS

1. THE ROAD HAS BEEN DESIGNED TO ACCOMMODATE LOADS DURING CONSTRUCTION AND LIGHT DUTY TRUCKS FOR LOW VOLUME USE IN NORMAL OPERATING CONDITIONS. THE ROAD DESIGN SPECIFIED IS NOT INTENDED FOR ALL WEATHER USE FOR HEAVY DUTY, HIGH VOLUME CONSTRUCTION LOADS.
2. ROAD MAINTENANCE CAN BE EXPECTED DURING CONSTRUCTION AND OVER THE LIFE OF THE PERMANENT FACILITY.

EARTHWORK

1. GENERAL
a. THIS SECTION DESCRIBES WORK RELATED TO EARTHWORK AND MAY INCLUDE CLEARING AND GRUBBING, EXCAVATIONS, SUBGRADE, AGGREGATE PLACEMENT, GENERAL FILL, STABILIZATION, ANY ASSOCIATED INSPECTIONS AND TESTING OF EARTHWORK, AND ALL OTHER WORK NECESSARY TO COMPLETE EARTHWORK FOR THE PROJECT.
b. THIS SECTION DOES NOT ADDRESS EARTHWORK ASSOCIATED WITH FOUNDATIONS, REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION RELATED WORK.

2. SUBMITTALS
a. THE FOLLOWING MATERIAL SUBMITTALS ARE REQUIRED FOR REVIEW BY THE CIVIL ENGINEER OF RECORD (EOR) PER SPECIFIC PRODUCT AND PRE-PLACEMENT:
a.1. ON-SITE BORROW SOURCE
a.2. IMPORTED FILL MATERIAL
a.3. AGGREGATE
a.4. RIPRAP
a.5. GEOSYNTHETIC FABRIC
a.6. CULVERTS
a.7. LOW WATER CROSSINGS
b. EROSION AND SEDIMENT CONTROL (BMP) PRODUCT SUBMITTALS ARE NOT REQUIRED. REFER TO THE NPDES PERMIT FOR INFORMATION.
c. REFER TO TABLE 1 FOR REQUIRED TESTS FOR EACH SUBMITTAL.

3. MATERIALS
a. GENERAL FILL
a.1. GENERAL FILL MATERIAL SHALL CONSIST OF ON-SITE SAND, SILTY SAND, CLAYEY SAND, SANDY LEAN CLAY, OR LEAN CLAY WITH A LIQUID LIMIT LESS THAN 45 AND A PLASTICITY INDEX LESS THAN 20.
a.2. GENERAL FILL SHALL BE USED FOR MASS GRADING ASSOCIATED WITH TURBINE PADS, ACCESS ROADS, SPUR ROADS, INTERSECTION IMPROVEMENTS, PUBLIC ROAD IMPROVEMENTS, SUBSTATION AREA, AND O&M AREA.
b. AGGREGATE MATERIAL
b.1. AGGREGATE MATERIAL SHALL CONSIST OF IDOT AGGREGATE BASE CA-06. SEE TABLE 2 FOR GRADATION AND ADDITIONAL INFORMATION.
b.2. AGGREGATE MATERIAL SHALL BE USED FOR ACCESS ROADS, SPUR ROADS, INTERSECTION IMPROVEMENTS, PUBLIC ROAD IMPROVEMENTS, SUBSTATION AREA, O&M AREA, AND AGGREGATE RINGS.
c. GEOTEXTILE
c.1. DRAINAGE APPLICATIONS
c.1.1. GEOTEXTILE SHALL CONSIST OF MIRAFI 140N GEOTEXTILE FABRIC OR CIVIL ENGINEER APPROVED EQUAL.
c.1.2. GEOTEXTILE SHALL BE USED FOR RIPRAP AREAS AND AS SHOWN ON THE DRAWINGS.
d. RIPRAP
d.1. RIRRAP SHALL CONSIST OF ROCK THAT MEETS D50 REQUIREMENTS SPECIFIED IN THE PLANS. D50 SHALL BE MEASURED BY TAKING A REPRESENTATIVE SAMPLE OF THE RIPRAP MATERIAL AND MEASURING 100 STONES IN THE 3 GENERAL DIMENSIONS OF LENGTH, WIDTH, AND THICKNESS. THE AVERAGE INTERMEDIATE DIMENSION SHALL BE EQUAL TO THE D50 VALUE OR GREATER. INTERMEDIATE DIMENSION IS DEFINED AS THE LONGEST, STRAIGHT-LINE DISTANCE ACROSS THE ROCK THAT IS PERPENDICULAR TO THE LONGEST AXIS ON THE FACE OF THE ROCK WITH THE LARGEST PROJECTION PLANE. FOR THE IDEALIZED ROCK PARTICLE SHOWN IN FIGURE 1, THIS WOULD BE DIMENSION 'B'. REFERENCE FLH DESIGNATION T 521-13 "DETERMINING RIPRAP GRADATION BY WOLMAN COUNT" FOR FURTHER INFORMATION.

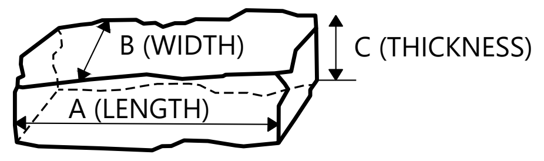

FIGURE 1 - ROCK PARTICLE DIMENSIONS

d.2. RIPRAP SHALL BE USED FOR CULVERT ENDS, DRAINAGE SWALES, PROTECTED ROAD CROSSINGS, AND AS SHOWN ON THE DRAWINGS.
e. CULVERTS
e.1. CULVERT INSTALLATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS BASED ON MATERIALS, INSTALLATION METHODS, SIZE, AND ANTICIPATED LOADINGS.
e.2. CULVERTS SHALL HAVE NO END TREATMENTS UNLESS OTHERWISE NOTED OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION
e.3. CULVERTS MAY BE CORRUGATED METAL PIPES (CMP) OR HIGH-DENSITY POLYETHYLENE (HDPE) PIPES, UNLESS OTHERWISE NOTED OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
e.4. CMP DIAMETERS 36" AND SMALLER SHALL BE MINIMUM 16-GAUGE.
e.5. CMP DIAMETERS 42" AND LARGER SHALL BE MINIMUM 12-GAUGE.
e.6. CMP MINIMUM COVER SHALL BE 12" MEASURED FROM TOP OF CULVERT TO BOTTOM OF GRAVEL PAVEMENT.
e.7. HDPE CULVERTS SHALL BE DUAL-WALL TYPE.
e.8. HDPE DIAMETERS 36" AND SMALLER SHALL HAVE A MINIMUM COVER OF 18" MEASURED FROM TOP OF CULVERT TO BOTTOM OF GRAVEL PAVEMENT.
e.9. HDPE DIAMETERS 42" AND LARGER SHALL HAVE A MINIMUM COVER OF 24" MEASURED FROM TOP OF CULVERT TO BOTTOM OF GRAVEL PAVEMENT.

4. CONSTRUCTION
a. CLEARING AND GRUBBING
a.1. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL TREES, STUMPS, BRUSH, AND DEBRIS WITHIN THE GRADING AREAS SHOWN ON THE PLANS. THE CONTRACTOR IS TO REMOVE ONLY THOSE TREES WHICH ARE DESIGNATED BY THE OWNER'S REPRESENTATIVE FOR REMOVAL, AND SHALL EXERCISE EXTREME CARE AROUND EXISTING TREES TO BE SAVED. TREE CLEARING IS NOT ALLOWED BETWEEN MARCH 30 AND NOVEMBER 1
b. EXCAVATIONS
b.1. TOPSOIL SHALL BE STRIPPED FROM ALL ROADWAY AREAS AT A MINIMUM DEPTH OF ±12 INCHES.
b.2. TOPSOIL SHALL BE STRIPPED, TO THE DEPTH OF THE TOPSOIL, FROM ALL AREAS WITH SUBSOIL CUT/FILL (MASS-GRADING).
b.3. TOPSOIL SHALL NOT BE STRIPPED OUTSIDE OF THE DESIGNATED DISTURBANCE AREAS.
b.4. ANY TOPSOIL THAT HAS BEEN STRIPPED SHALL BE RE-SPREAD OR STOCKPILED WITHIN GRADING AREAS AND/OR USED AS FILL OUTSIDE OF THE DISTURBANCE AREAS, AS DIRECTED BY THE CIVIL ENGINEER. ALL TOPSOIL SHALL BE REDISTRIBUTED TO THE LAND OWNER'S PROPERTY OF WHERE IT ORIGINATED FROM. SEEDING AND MULCHING TO BE UNDER THE DIRECTION OF THE PROPERTY OWNER.
c. SUBGRADE
c.1. SUBGRADE SOIL BELOW FILL SHALL BE COMPACTED AND PROOF-ROLLED IN ACCORDANCE WITH TABLE 1.
c.2. WHERE APPLICABLE, GEOTEXTILE FABRIC SHALL BE PLACED AFTER SUBGRADE TESTING REQUIREMENTS AS SPECIFIED IN TABLE 1. GEOTEXTILE FABRIC SHALL BE INSTALLED PER MANUFACTURE RECOMMENDATION.
d. GENERAL FILL
d.1. FILL MAY BE PLACED ABOVE GRADE AFTER TOPSOIL STRIPPING, IN LOOSE LIFTS NOT EXCEEDING 12 INCHES, AND COMPACTED IN ACCORDANCE WITH TABLE 1.
d.2. SIDE SLOPES GREATER THAN 3:1 WILL NOT BE PERMITTED, UNLESS OTHERWISE NOTED ON THE PLAN.
e. AGGREGATE PLACEMENT
e.1. SUBSEQUENT TO THE SUBGRADE PREPARATION, THE AGGREGATE BASE SHALL BE PLACED, COMPACTED, AND TESTED TO THE SPECIFICATIONS IDENTIFIED IN TABLE 1.
f. SEEDING, MULCHING, AND STABILIZATION
f.1. PRIOR TO FINAL STABILIZATION, TOPSOIL SHALL BE DISTRIBUTED OVER THE EXPOSED DISTURBED AREAS, EXCLUDING THE AGGREGATE DRIVING SURFACE.
f.2. FOLLOWING ROUGH GRADING OPERATIONS, TOPSOIL CAN BE USED TO BRING THE GROUND ELEVATIONS UP TO THE DESIGNED FINISHED GRADE ELEVATIONS IN NON-STRUCTURAL AREAS.
f.3. ALL DISTURBED AREAS SHALL HAVE TEMPORARY AND PERMANENT STABILIZATION MEASURES ESTABLISHED IN ACCORDANCE WITH THE NPDES PERMIT.

5. INSPECTIONS AND TESTING
a. TESTING SHALL BE PERFORMED BY A DESIGNATED INDEPENDENT TESTING AGENCY
b. TESTING AND INSPECTION RECORDS SHALL BE MAINTAINED BY THE CONTRACTOR AND MADE ACCESSIBLE TO THE CIVIL EOR AT THEIR REQUEST
b.1. THE CIVIL ENGINEER MAY REVIEW THE TESTING AND INSPECTION RECORDS TO CHECK CONFORMANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE CIVIL ENGINEER'S REVIEW DOES NOT RELIEVE THE CONSTRUCTION CONTRACTOR FROM THE RESPONSIBILITY FOR CORRECTING DEFECTIVE WORK.
c. REFER TO TABLE 1 FOR PROJECT TESTING SPECIFICATIONS
d. PROOF ROLLING: PROOF ROLLING SHALL BE PERFORMED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER OR QUALIFIED GEOTECHNICAL REPRESENTATIVE.
d.1. UNSTABILIZED SUBGRADE AND AGGREGATE BASE (IN ACCORDANCE WITH TABLE 1) SHALL BE PROOF ROLLED USING A FULLY LOADED TANDEM AXLE DUMP TRUCK WITH A MINIMUM GROSS WEIGHT OF 25 TONS OR A FULLY LOADED WATER TRUCK WITH AN EQUIVALENT AXLE LOADING.

TABLE 1: MATERIAL TESTING SCHEDULE

	Location	Required Test	ASTM Standard	Frequency	Specified Criteria
Subgrade (Non-cement Stabilized)	Access Roads Met Tower Roads Public Road Improvements Substation Area O&M Area	Standard Proctor	ASTM D-698	1 per soil type as determined by independent testing agency	N/A
		Nuclear Density	ASTM D-6938	Roads: 1 test per 2,500 LF (minimum 1 per road) Areas: 1 test per 5,000 SF (minimum 1 per area)	95% of Standard Proctor Maximum Dry Density +/- 3% of Optimum Moisture Content
		Proof Roll	N/A	Entire Length / Area	No rutting greater than 1.5" and no "pumping" of the soil beneath/behind the loaded truck. See testing requirements for additional information.
	Temporary Roads Intersection Improvements Spur Roads [2] Turbine Pads (Staging Areas)	Proof Roll	N/A	Entire Length / Area	No rutting greater than 1.5" and no "pumping" of the soil beneath/behind the loaded truck. See testing requirements for additional information.
	Crane Walks[1] Crane Pads[1]	EXCLUDED [1]	EXCLUDED [1]	EXCLUDED [1]	EXCLUDED [1]
General Fill (for Mass Grading)	Source (On -Site Borrow) (Imported Fill) (Common Excavation)	Standard Proctor	ASTM D-698	1 per soil type/source as determined by independent testing agency	N/A
		Moisture Content	ASTM D-2216		
		Atterberg Limits	ASTM D-4318		LL < 45 and PI < 20
	Embankments Turbine Pads (Staging Areas) Access Roads Intersection Improvements Public Road Improvements Substation Area O&M Area	Nuclear Density	ASTM D-6938	1 test per 5,000 SF per lift 1 test per 30,000 SF per lift (Turbine Pads only)	95% of Standard Proctor Maximum Dry Density +/- 3% of Optimum Moisture Content
		Proof Roll	N/A	Entire Length / Area (Final Surface)	No rutting greater than 1.5" and no "pumping" of the soil beneath/behind the loaded truck. See earthwork specifications for additional information.
Aggregate Material	Quarry Testing (Pre-Placement)	Grain Size Analysis	ASTM C-136	Per source from quarry. Sample from site every 5,000CY.	See Table 2
		Atterberg Limits	ASTM D-4318		See Table 2
		Los Angeles Abrasion	ASTM C-131		See Table 2
	Access Roads Public Road Improvements Substation (Base Aggregate Only) O&M Area Intersection Improvements	Proof Roll	N/A	Entire Length / Area	No rutting greater than 1.5" and no "pumping" of the soil beneath/behind the loaded truck. See earthwork specifications for additional information.

[1] Structural design, recommendations, and testing for crane walks and crane pads is excluded from the engineering design contained within these plans. Refer to the geotechnical report, project specific crane walk/pad structural design (if available), geotechnical engineer, and/or contractor for specific information.
[2] Observation of the proof roll testing of spur roads may be performed by qualified contractor personnel.

TABLE 2: IDOT CA-6 AGGREGATE BASE TYPE A

SIEVE SIZE	PERCENT PASSING
1-1/2"	100
1"	90-100
1/2"	60-90
#4	30-56
#16	10-40
#200	4-12

LA ABRASION (% MAX) = 40%
PLASTICITY INDEX RATIO (#200/#40)= LESS THAN 0.6
OR PLASTICITY INDEX = 0-6

GENERAL NOTES

1. CONSTRUCTION PLANS ARE BASED OFF THE COORDINATE SYSTEM NAD83(2011) ILLINOIS EAST 1201 ZONE.
2. SITE DRAINAGE INFRASTRUCTURE INCLUDING SWALES, ACCESS ROAD SWALE CROSSINGS, AND OUTLET FEATURES WILL BE SIZED FOR A 10 YEAR 24HR RAIN EVENT, 4.33 INCHES PER NOAA ATLAS 14, VOLUME 2, VERSION 3.
3. THE ALTA SURVEY IS FROM TIMMONS, DATED 05/09/2025, AND IS IN PROGRESS.
4. THE EXISTING PLANIMETRIC DATA IS FROM TIMMONS, RECEIVED 01/13/2025.
5. THE ELEVATIONS AND CONTOURS SHOWN ON THESE CONSTRUCTION DRAWINGS WERE PREPARED FROM A COMBINATION OF ACTUAL FIELD SURVEYING AND AERIAL PHOTOGRAPHY DATA. THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER WHEN THEY FIND THAT GROUND ELEVATIONS DETERMINED DURING FIELD STAKING VARY FROM THE GROUND ELEVATIONS SHOWN ON THE DRAWINGS FOR POTENTIAL DESIGN MODIFICATIONS.
6. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE OWNER SHALL BE NOTIFIED AND ARE NOT TO BE REMOVED WITHOUT PERMISSION FROM THE OWNER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONSTRUCTION ACTIVITIES SHALL NOT BLOCK THE NATURAL DRAINAGE SWALES CAUSING RAINWATER TO POND. IF CULVERTS ARE NEEDED, THE CIVIL ENGINEER MUST BE CONTACTED FOR APPROPRIATE SIZING OF STRUCTURE. WHEN INSTALLING DRAINAGE CROSSINGS, THE CONTRACTOR SHALL USE JUDGMENT IN SETTING THE FLOW LINE ELEVATIONS TO PROVIDE POSITIVE DRAINAGE. WHEN POSSIBLE, ALL CULVERTS SHOULD BE PLACED AT A MINIMUM 0.5% GRADE.
8. ANY FACILITIES REMOVED TO ALLOW FOR CONSTRUCTION (MAILBOXES, SIGNS, FENCES, ETC.) SHALL BE REPLACED BY THE CONTRACTOR IN A CONDITION AS GOOD AS PRE-EXISTING UNLESS INDICATED FOR REMOVAL.
9. THE CONTRACTOR SHALL NOTIFY ILLINOIS 811 AT LEAST 48 HOURS BEFORE EXCAVATION ACTIVITIES COMMENCE.
10. ALL CONSTRUCTION PERFORMED SHALL CONFORM WITH THE CURRENT STANDARDS AND SPECIFICATION OF COLES COUNTY. WHERE DISCREPANCIES EXIST BETWEEN THE PROJECT SPECIFICATIONS AND THE COUNTY SPECIFICATIONS OR STANDARD, THE CONTRACTOR SHALL ABIDE BY THE GREATER OR MORE RESTRICTIVE REQUIREMENTS.
11. ELECTRONIC FILES ARE AVAILABLE FOR CONSTRUCTION OPERATIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGGERS, AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE COUNTY/MUNICIPALITY AND CIVIL ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
13. TEMPORARY FEATURES SHALL, UPON COMPLETION OF ALL PROJECT CONSTRUCTION OR UPON NOTIFICATION OF THE CIVIL ENGINEER, BE REMOVED AND THE AREA RESTORED TO APPROXIMATELY ORIGINAL LINES AND GRADES WITH TOPSOIL REPLACED, EXCEPT WHERE REQUESTED BY THE TOWNSHIP OR COUNTY TO PERMANENTLY REMAIN.
14. ELECTRICAL INFORMATION SHOWN ON THE PLANS IS FOR REFERENCE ONLY. REFER TO ELECTRICAL PLANS FOR SPECIFIC LOCATIONS AND CONSTRUCTION DETAILS.
15. GEOTECHNICAL REPORTS WITH RECOMMENDATIONS HAVE BEEN PROVIDED BY THE OWNER.
16. WETLAND INFORMATION HAS BEEN PROVIDED BY THE OWNER. ALL WETLAND DELINEATIONS AND PERMITTING SHALL BE THE RESPONSIBILITY OF OTHERS. THE OWNER AND CONTRACTOR SHALL VERIFY THAT ALL WETLAND PERMITS HAVE BEEN SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION COMMENCING.
17. CULTURAL RESOURCE INFORMATION HAS BEEN PROVIDED BY THE OWNER. THE CONTRACTOR SHALL BE FAMILIAR WITH THE INFORMATION/REPORT AND REVIEW ALL RECOMMENDATIONS.
18. AN ENVIRONMENTAL ASSESSMENT HAS BEEN PROVIDED. THE CONTRACTOR SHALL BE FAMILIAR WITH THE INFORMATION/REPORT AND REVIEW ALL RECOMMENDATIONS.
19. WILDLIFE REPORT(S) HAVE BEEN PROVIDED. THE CONTRACTOR SHALL BE FAMILIAR WITH THE INFORMATION/REPORT(S) AND REVIEW ALL RECOMMENDATIONS.
20. TURBINE SETBACKS ARE NOT IDENTIFIED ON THE CONSTRUCTION PLANS. IT SHALL BE THE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO ENSURE ALL TURBINE SETBACKS MEET PROJECT REQUIREMENTS.

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#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project
Coles County, Illinois

Construction Notes

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C714
REV: 5

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EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES:

REFERENCE INFORMATION

1. CONSTRUCTION STORMWATER AUTHORITY HAVING JURISDICTION: ILLINOIS ENVIRONMENTAL PROTECT AGENCY
2. CONSTRUCTION STORMWATER GENERAL PERMIT:
   - GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES (ILR10)
   - https://epa.illinois.gov/topics/forms/water-permits/storm-water/general-permits.html
   - https://epa.illinois.gov/content/dam/soi/en/web/epa/topics/forms/water-permits/storm-water/documents/General-Npdes-Permit-ilr10-Construction.pdf
3. STATE-SPECIFIC BEST MANAGEMENT PRACTICE (BMP) MANUAL AND GUIDANCE:
   - https://illinoisurbanmanual.org/
   - https://illinoisurbanmanual.org/wp-content/uploads/2019/04/IUM_FM_2013_FINAL_FINAL_11.4.13.pdf
4. REFER TO STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY WESTWOOD FOR ADDITIONAL AND DETAILED INFORMATION.

PERMIT COVERAGE FOR CONSTRUCTION ACTIVITIES

1. CONSTRUCTION GENERAL STORMWATER PERMIT COVERAGE APPLIES TO ALL CONSTRUCTION ACTIVITIES FROM ANY PARTY/CRAFT/SUBCONTRACTOR.
2. CONTRACTOR IS RESPONSIBLE TO IMPLEMENT AND MAINTAIN BMPS AND CONDUCT REGULAR INSPECTIONS DURING ALL CONSTRUCTION WORK.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR/PRIMARY OPERATOR IS TO PROVIDE EROSION AND SEDIMENT CONTROL MEASURES AS PLANNED AND SPECIFIED FOLLOWING BEST MANAGEMENT PRACTICES (BMPS) OUTLINED IN THESE PLANS AND BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND BEING IN CONFORMANCE WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES (ILR10).
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND PERMITEE TO MAINTAIN PERMIT COMPLIANCE.
3. SEE THE PROJECT SITE PLANS AND ASSOCIATED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES AND RESTORATION INFORMATION. UNLESS OTHERWISE NOTED OR MODIFIED IN THE SWPPP/HEREIN, ALL SECTIONS OF THE GENERAL PERMIT SHALL APPLY.
4. THE CONTRACTOR/PRIMARY OPERATOR IS RESPONSIBLE FOR MAINTAINING THE SWPPP'S AVAILABILITY ONSITE AND AS REQUIRED.
5. QUALIFIED, TRAINED, AND KNOWLEDGEABLE PERSONNEL MUST BE PRESENT ON-SITE TO MANAGE THE IMPLEMENTATION OF BMPS, INSPECTIONS, AND COMPLIANCE.
6. ALL CONSTRUCTION CONTRACTORS AND SUBCONTRACTOR PERSONNEL ARE TO BE TRAINED IN THE IMPLEMENTATION AND USE OF THE REQUIRED BMPS AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE. TRAINING DOCUMENTATION SHALL BE MAINTAINED IN THE SWPPP.
7. THE PROJECT SITE IS TO BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. NON-STORMWATER POLLUTANT DISCHARGES ARE PROHIBITED. PROHIBITED DISCHARGES INCLUDE, BUT ARE NOT LIMITED TO: WASTEWATER FROM WASHOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS, FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING AND MAINTENANCE, AND OTHER HAZARDOUS SUBSTANCES OR WASTES. DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATE FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED.
9. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED.
10. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING IS TO BE CONTAINED ON-SITE AND NOT DISCHARGED TO RECEIVING WATERS OR LOCAL DRAINAGE SYSTEM.
11. APPROPRIATE BMPS FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS OR RESIDUES ARE TO BE IMPLEMENTED TO ELIMINATE OR REDUCE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTIES BY WIND OR STORMWATER RUNOFF.
12. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY, ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS ARE TO BE COLLECTED AND PROPERLY DISPOSED OF IN TRASH OR RECYCLE BINS.
13. REFER TO SPILL PREVENTION, CONTROL, AND COUNTERMEASURE (SPCC) PLAN FOR SPILL CONTAINMENT AND CLEANUP REQUIREMENTS FOR CONTAMINATED SOILS.
14. ALL DRAINAGE SWALES AND/OR AREAS OF CONCENTRATED FLOW DISTURBED DURING CONSTRUCTION ARE TO BE REWORKED AND STABILIZED IMMEDIATELY IN ACCORDANCE WITH THE SWPPP.
15. MAINTAIN EXISTING DRAINAGE WHEN PLACING STOCKPILES AND WINDROWS TO AVOID FLOODING WORK AREA AND ADJACENT FIELDS.
16. TOPSOIL SHALL BE STRIPPED, SEGREGATED, AND STOCKPILED SEPARATELY FROM SUBSOIL. DO NOT MIX TOPSOIL WITH SUBSOIL.

CONSTRUCTION PHASING/SEQUENCING

1. CONSTRUCTION PHASING AND BEST MANAGEMENT PRACTICES ARE TO BE IMPLEMENTED TO REDUCE SEDIMENT RUNOFF, AND PRESERVE NATURAL RESOURCES.
2. GENERAL SEQUENCING WITHIN EACH PHASE AND WORK AREA: INSTALL PERIMETER SEDIMENT CONTROLS (PSC), CLEAR AND GRUB, STRIP AND STOCKPILE TOPSOIL, MASS GRADING, RESPREAD TOPSOIL, SOIL STABILIZATION, TEMPORARY/PERMANENT EROSION AND SEDIMENT CONTROLS, BMP MAINTENANCE, FINAL STABILIZATION, AND REMOVE PSC. REFER TO THE SWPPP FOR ADDITIONAL INFORMATION.
3. THE CONSTRUCTION SITE IS TO BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF EARTH DISTURBING ACTIVITIES AND PERSISTENT APPLICATIONS OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
4. AREAS THAT ARE CLEARED, GRADED, OR DISTURBED AT ANY GIVEN TIME SHALL BE LIMITED TO:
   - 4.1. ONLY THE PORTION OF THE SITE THAT IS NECESSARY FOR CONSTRUCTION
   - 4.2. ONLY AN AREA THAT CAN BE EFFECTIVELY CONTROLLED AND MAINTAINED BY THE AVAILABLE PERSONNEL AND MATERIAL.
5. IF POSSIBLE, EARTH DISTURBING ACTIVITIES SHOULD COINCIDE WITH THE DRY SEASON TO MINIMIZE EROSION AND SEDIMENT TRANSPORT.
6. IF THERE IS A CARRYOVER OF STOCKPILED MATERIAL FROM ONE PHASE/REGION TO THE NEXT, POSITION CARRYOVER MATERIAL IN A LOCATION EASILY ACCESSIBLE FOR THE PENDING PHASE THAT WILL NOT REQUIRE DISTURBANCE OF STABILIZED AREAS TO ACCESS THE STOCKPILE.

BMP PHASING/IMPLEMENTATION

1. EROSION AND SEDIMENT CONTROL BMPS, INCLUDING TEMPORARY AND PERMANENT STABILIZATION OF ALL DISTURBANCE, ARE TO BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND WITHIN THE APPLICABLE TIMEFRAMES.
2. ALL PERIMETER SEDIMENT CONTROLS ARE TO BE INSTALLED PRIOR TO ANY UP-GRADIENT EARTH DISTURBING ACTIVITIES.
3. ALL BMPS MUST BE INSPECTED, MAINTAINED, AND REPAIRED TO ENSURE CONTINUOUS FUNCTIONALITY.
4. PERSISTENT APPLICATIONS OF SOIL STABILIZATION TO BE APPLIED TO DISTURBED AREA THROUGHOUT CONSTRUCTION.
5. ALL PERIMETER SEDIMENT CONTROLS SHALL REMAIN IN-PLACE UNTIL UP-GRADIENT FINAL STABILIZATION IS COMPLETE.

INSPECTION SCHEDULE

ENVIRONMENTAL MONITORING AND INSPECTIONS ARE TO BE CONDUCTED REGULARLY TO ENSURE COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS AND IDENTIFY ANY POTENTIAL ISSUES AT THE FOLLOWING INTERVALS:

1. ONCE EVERY 7 CALENDAR DAYS OR ONCE EVERY 14 DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.25 INCHES OR GREATER.
2. ONCE PER MONTH FOR AREAS OF THE SITE THAT MEET FINAL STABILIZATION, HAVE BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.

STABILIZATION SCHEDULE

1. OPERATORS MUST, AT A MINIMUM, INITIATE SOIL STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
2. WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
3. TEMPORARY AND PERMANENT SOIL STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION PROCESSES UNTIL FINAL STABILIZATION HAS BEEN ACHIEVED AND NO FURTHER DISTURBANCE ACTIVITIES ARE PLANNED.

MAINTENANCE SCHEDULE

1. EROSION AND SEDIMENT CONTROLS THAT HAVE BEEN INTENTIONALLY DISABLED, RUN-OVER, REMOVED, OR OTHERWISE RENDERED INEFFECTIVE MUST BE REPLACED OR CORRECTED IMMEDIATELY UPON DISCOVERY.
2. MAINTENANCE MUST BE COMPLETED PRIOR TO THE NEXT ANTICIPATED RAINFALL EVENT.
3. MAINTENANCE MUST BE COMPLETED PER THE SCHEDULE SPECIFIED IN THE PROJECT SWPPP.

EROSION AND SEDIMENT CONTROL RECOMMENDED PRACTICES

1. CONTACT ENGINEER FOR ALTERNATIVE RECOMMENDATIONS OR ADDITIONAL DETAILS.
2. REFER TO SHEETS C707-C710 FOR BMP DETAILS AND THE PROJECT SWPPP.
3. SELECT BMP LOCATIONS ARE SHOWN ON THE PLANS. FIELD ADJUSTMENTS, ALTERNATIVES, OR ADDITIONAL BMPS MAY BE IMPLEMENTED TO ALIGN WITH THE CONTRACTOR'S MEANS AND METHODS, FIELD CONDITIONS, INSPECTIONS, AND ACTIVE CONSTRUCTION ACTIVITIES. MULTIPLE APPLICATIONS MAY BE NECESSARY.
4. DUST CONTROL MEASURES ARE TO BE IMPLEMENTED TO MINIMIZE AIRBORNE DUST EMISSIONS AND PROTECT AIR QUALITY.
5. NATIVE/EXISTING VEGETATION AND BUFFERS ARE TO BE PRESERVED AND PROTECTED TO THE EXTENT POSSIBLE AND REVEGETATED AS REQUIRED.
6. PRESERVE 50' BUFFER FOR ALL WETLANDS, STREAMS, WATER BODIES, AND SENSITIVE AREAS. REDUNDANT SEDIMENT CONTROLS ARE REQUIRED WITHIN 50' BUFFER.
7. ALL SOIL STOCKPILES AND WINDROWS SHALL HAVE TEMPORARY EROSION CONTROL MEASURES APPLIED.
8. ALL DISTURBED AREAS DURING CONSTRUCTION ARE TO BE STABILIZED OR RE-STABILIZED FOLLOWING THE ACTIVITIES THAT CAUSED THE DISTURBANCE.

EROSION AND SEDIMENT CONTROL TYPE OR SITUATION	BEST MANAGEMENT PRACTICE (BMP)			DETAIL REFERENCE
GENERAL BEST PRACTICES			DELINEATION OR FENCING OF NO DISTURBANCE AREAS AND SENSITIVE OR PROTECTED FEATURES	
			LIMIT DISTURBANCE AND PRESERVE EXISTING VEGETATION WHERE FEASIBLE	
NON-STRUCTURAL CONTROLS			CONSTRUCTION PHASING/SEQUENCING	
			AREAS OF PLANNED DISTURBANCE	
			TRAFFIC CONTROL	
SITE ENTRANCE / EXIT			VEHICLE TRACKOUT CONTROL	SW-40
CONSTRUCTION PERIMETER			DELINEATION OR FENCING OF NO DISTURBANCE AREAS AND SENSITIVE OR PROTECTED FEATURES	
			PRESERVE EXISTING VEGETATION AT CONSTRUCTION PERIMETER	
			REDUNDANT SEDIMENT CONTROLS WITHIN 50' OF SENSITIVE OR PROTECTED FEATURES	
	PERIMETER SEDIMENT CONTROLS (PSC)		SILT FENCE	SW-11 OR SW-12
			SEDIMENT CONTROL LOGS *SMALL DRAINAGE AREAS WITH SLOPES <3%*	SW-13
			SLASH MULCH BERM *MATERIAL FROM TREE CLEARING*	
			TOPSOIL BERM	SW-29
			J-HOOKS *PSC UP/DOWN CONTOURS*	SW-18
			STRUCTURAL OVERFLOW / DRAINAGE OUTLETS *PSC LOW POINTS*	SW-19 AND SW-22
DISTURBED SOIL AREAS (SOIL STABILIZATION)			SEEDING TO INCLUDE ANNUAL AND PERENNIAL SEEDS	
	SLOPES ≤ 6%	*STABILIZATION*	ANCHORED STRAW MULCH *WITH SEEDING*	SW-80
	SLOPES 6% ≤ 25%	*STABILIZATION*	ANCHORED STRAW MULCH *WITH SEEDING*	SW-80
		VELOCITY AND SEDIMENT CONTROL	SEDIMENT CONTROL LOGS ON SLOPES *SEE DETAIL FOR SPACING*	SW-05
	SLOPES > 25%	*STABILIZATION*	EROSION CONTROL BLANKET FOR SLOPES *WITH SEEDING*	SW-01
			HYDRAULICALLY APPLIED MATERIAL *WITH SEEDING*	SW-04
		VELOCITY AND SEDIMENT CONTROL	SLOPE TRACKING / ROUGHENING *TEMPORARY CONDITIONS*	SW-03
			SEDIMENT CONTROL LOGS ON SLOPES *SEE DETAIL FOR SPACING*	SW-05
AREAS OF CONCENTRATED FLOW (CHANNEL STABILIZATION)	EXISTING DRAINAGE PATHS AND PROPOSED DITCHES AND BERMS	*STRUCTURAL DRAINAGE FEATURE*	DITCH AND OUTLET	
			BROW BERM	
			RIPRAP OUTLET ON STEEP SLOPE	
			FLUME OR CULVERT DOWNDRAIN	
			LEVEL SPREADER	
		STABILIZATION (IF NOT ROCK LINED)	EROSION CONTROL BLANKET FOR CHANNEL *WITH SEEDING*	SW-02
			TURF REINFORCEMENT MAT *WITH SEEDING*	SW-02
		VELOCITY AND SEDIMENT CONTROL	FIBER LOGS IN DITCH *SEE DETAIL FOR SPACING*	SW-06
			ROCK CHECK DAMS *SEE DETAIL FOR SPACING*	SW-31
WTG EXCAVATIONS			TOPSOIL BERM AND PERIMETER SEDIMENT CONTROL	SW-16
LINEAR DISTURBANCE UP/DOWN SLOPES			VELOCITY CHECKS FOR ACCESS ROADS, CRANE OR COLLECTION UP/DOWN SLOPES	SW-07
ACCESS ROADS			GRAVEL SURFACING	
			WATER BARS OR EQUIVALENT *ROAD GRADES > 5%*	
DRAINAGE CROSSINGS	TEMPORARY CROSSINGS (CRANE)		CRANE MATS	CR-02
			TEMPORARY CULVERT	CR-03 AND CR-04
	PERMANENT CROSSINGS (ACCESS ROAD)		STANDARD LOW WATER CROSSING	DN-01
			HEAVY DUTY LOW WATER CROSSING	DN-02
			CULVERT	DN-03
			STANDARD LOW WATER CROSSING WITH CULVERT	
			RIPRAP AT CULVERT ENDS	DN-30 AND DN-31
ELECTRICAL COLLECTION			BORINGS	SW-65 AND SW-67
			TRENCH THROUGH DRAINAGE PATH	SW-66
SOIL STOCKPILES			SOIL STOCKPILE PROTECTION	SW-10

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3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project

Coles County, Illinois

Erosion & Sediment Control Notes

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025

SHEET: C715

REV: 5

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ACCESS ROAD CEMENT STABILIZATION

1. GENERAL

a. THIS SECTION DESCRIBES WORK RELATED TO ACCESS ROAD SUBGRADE SOIL STABILIZED WITH PORTLAND CEMENT. THIS SECTION DOES NOT INCLUDE CEMENT STABILIZATION FOR OTHER PROJECT INFRASTRUCTURE, SUCH AS CRANE WALKS, CRANE PADS, LAYDOWN YARDS, OR SUBGRADE BELOW FOUNDATIONS, UNLESS SPECIFICALLY STATED IN THESE PLANS.

b. IT IS EXPECTED THAT AGGREGATE-SURFACED ACCESS ROADS WILL REQUIRE ONGOING MAINTENANCE DURING CONSTRUCTION AND OVER THE LIFE OF THE PERMANENT FACILITY TO KEEP THEM IN A SERVICEABLE CONDITION, REGARDLESS OF THE AGGREGATE THICKNESS AND SUBGRADE PREPARATION. IT IS NOT PRACTICAL TO DESIGN AN AGGREGATE SECTION OF ADEQUATE THICKNESS THAT PREVENTS ONGOING MAINTENANCE. RUTS, DEPRESSIONS, AND SOFT SUBGRADE SHOULD BE REPAIRED AS NEEDED TO FACILITATE TRAFFIC. THROUGHOUT THE OPERATIONAL LIFE OF THE PROJECT, ADDITIONAL AGGREGATE MAY BE PLACED IN RUTS AND DEPRESSIONS, OR THE ENTIRE AGGREGATE SECTION AND SOFT SUBGRADE MAY BE REMOVED AND REPLACED WITH A NEW AGGREGATE SECTION.

2. SUBMITTALS

a. SUBMIT A QUALITY CONTROL PLAN TO ENGINEER FOR REVIEW ONLY, PRIOR TO CONSTRUCTION ACTIVITIES. THE PLAN SHOULD INCLUDE THE FOLLOWING ITEMS, AT A MINIMUM:

- a.1. QUALIFICATIONS FOR EXPERIENCED PERSONNEL OVERSEEING STABILIZATION
- a.2. REPRESENTATIVE MOISTURE-DENSITY RELATIONSHIP (PROCTOR) TESTS
- a.3. STABILIZATION DEPTH AND WIDTH
- a.4. CEMENT AND MOISTURE APPLICATION RATE MONITORING
- a.5. TEMPERATURE MONITORING
- a.6. MOISTURE/COMPACTION TESTS
- a.7. DYNAMIC CONE PENETROMETER (DCP) TEST EQUIPMENT AND PROCEDURE
- a.8. PROOF-ROLL VEHICLE TYPE AND WEIGHT
- a.9. SURFACE MOISTURE CONTROL FOR CURING
- a.10. CORRECTIVE ACTION PLAN IF SPECIFICATION IS NOT MET

b. SUBMIT A TEST STRIP CONSTRUCTION PLAN, INCLUDING THE FOLLOWING ITEMS, AT A MINIMUM:

- b.1. TEST STRIP LOCATIONS AND LENGTHS
- b.2. CEMENT APPLICATION RATES
- b.3. QUALITY CONTROL PLAN

3. MATERIALS

a. CEMENT: ANY TYPE OF PORTLAND CEMENT THAT COMPLIES WITH ASTM C150 OR C595.

b. WATER: RELATIVELY CLEAN AND FREE FROM HARMFUL AMOUNTS OF ALKALIES, ACIDS, OR ORGANIC MATTER.

c. AGGREGATE: REFER TO CONSTRUCTION NOTES ON SHEET C714.

d. GEOTEXTILE: REFER TO CONSTRUCTION NOTES ON SHEET C714.

4. CONSTRUCTION

a. TEST STRIPS

- a.1. AT THE START OF ACCESS ROAD CONSTRUCTION, CONTRACTOR SHALL CONSTRUCT TEST STRIPS, EACH 300 LF, AT A MINIMUM OF THREE DIFFERENT CEMENT CONTENTS CHOSEN BY THE CONTRACTOR (FOR EXAMPLE 5%, 7%, AND 9%). TEST STRIPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS WITHIN THIS SECTION.
- a.2. STABILIZATION MAY PROCEED USING THE CEMENT APPLICATION RATE THAT PRODUCES PASSING INSPECTION AND TESTING RESULTS FOR THE TEST STRIP. DO NOT PROCEED WITH STABILIZATION IF THE INSPECTION AND TESTING REQUIREMENTS ARE NOT MET. CONSTRUCT ADDITIONAL TEST STRIPS WITH HIGHER CEMENT APPLICATION RATES UNTIL PASSING INSPECTION AND TESTING REQUIREMENTS.

b. PREPARATION

- b.1. STRIP TOPSOIL TO THE DEPTH OF AGGREGATE THICKNESS, OR AS DETERMINED IN THE FIELD, SO THAT FINISHED ROAD GRADE IS LEVEL WITH THE SURROUNDING GRADE. STRIPPING DEPTH MAY NEED TO EXTEND DEEPER TO REMOVE ROOTS/ORGANICS AND ACHIEVE THE REQUIRED CEMENT STABILIZED SUBGRADE STRENGTH. ROOTS SMALLER THAN 1/2 INCH DIAMETER ARE ACCEPTABLE.
- b.2. SHAPE SUBGRADE TO THE PROPER WIDTH AND GRADE.
- b.3. THE CONSTRUCTION MATERIALS TESTING COMPANY SHALL EVALUATE SUBGRADE MATERIAL TO DETERMINE IF A REPRESENTATIVE MOISTURE-DENSITY RELATIONSHIP (PROCTOR) TEST EXISTS, AND IF NOT A NEW PROCTOR TEST SHALL BE PERFORMED.
- b.4. DETERMINE THE IN-SITU MOISTURE CONTENT OF THE SUBGRADE SHORTLY BEFORE SPREADING CEMENT USING A NUCLEAR DENSITY GAUGE OR OTHER SUITABLE DEVICE. PERFORM ADDITIONAL MOISTURE CONTENT CHECKS IF WEATHER CONDITIONS OR SOIL CONDITIONS CHANGE. SEE BEST PRACTICES FOR SUBGRADE MOISTURE RECOMMENDATIONS.
- b.5. DO NOT STABILIZE SUBGRADE THAT IS FROZEN. REFER TO BEST PRACTICES FOR ADDITIONAL TEMPERATURE RECOMMENDATIONS.

c. SPREADING CEMENT

- c.1. APPLY CEMENT AT A RATE THAT ENSURES THE WEIGHT SPREAD IS WITHIN 10% OF THE DESIRED AMOUNT. FURNISH A SQUARE-YARD CLOTH, SCALES, WEIGHT TICKETS, AND/OR PERSONNEL TO CHECK THE SPREAD RATE OF CEMENT PLACED.
- c.2. UNIFORMLY SPREAD CEMENT TO THE FULL WIDTH OF THE AREA TO BE COVERED.
- c.3. CEMENT APPLICATION RATE MAY NEED TO BE ADJUSTED THROUGHOUT CONSTRUCTION TO ACHIEVE DESIRED RESULTS BASED ON FIELD CONDITIONS.

d. MIXING

- d.1. BEGIN MIXING AS SOON AS PRACTICAL AFTER THE CEMENT IS SPREAD, AND CONTINUE UNTIL A HOMOGENEOUS AND UNIFORM MIXTURE IS PRODUCED TO THE DEPTH AND WIDTH SPECIFIED IN THE DESIGN DOCUMENTS.
- d.2. MIX AT A SPEED THAT ENSURES A UNIFORM MIXTURE OF SOIL, CEMENT, AND WATER.
- d.3. PULVERIZE SUBGRADE DURING MIXING PROCESS TO AVOID LARGE CLODS OF SOIL. REFER TO BEST PRACTICES FOR RECOMMENDATIONS.
- d.4. APPLY WATER THROUGH A METERING DEVICE SUCH AS THE RECLAIMER TO UNIFORMLY DISTRIBUTE THE PROPER AMOUNT OF WATER. SEE BEST PRACTICES FOR SUBGRADE MOISTURE RECOMMENDATIONS.
- d.5. IF STABILIZATION HALTS AND NEEDS TO BE RESUMED AT A LATER TIME, CONSTRUCTION JOINTS SHALL BE FORMED BY CUTTING BACK INTO THE COMPLETED WORK A MINIMUM OF 2 FEET.

e. COMPACTION AND FINISHING

- e.1. BEGIN COMPACTION IMMEDIATELY AFTER SOIL, CEMENT, AND WATER HAVE BEEN MIXED, TYPICALLY WITHIN 45 MINUTES OF MIXING. COMPLETE COMPACTION WITHIN 2 HOURS.
- e.2. COMPACT THE STABILIZED SUBGRADE TO THE SPECIFICATIONS PRESENTED IN **TABLE CS2** AND UNTIL NO EVIDENCE OF FURTHER COMPACTION IS OBSERVED.
- e.3. COMPACTION SHALL BE PERFORMED WITH MULTIPLE PASSES OF A SHEEP FOOT OR TAMPING ROLLER (FOR FINE-GRAINED SOIL), AND FINISHED BY A SMOOTH DRUM ROLLER TO SET THE FINAL ROAD PROFILE.
- e.4. PLACE AGGREGATE ON STABILIZED SUBGRADE AFTER PASSING THE PROOF-ROLL AND DCP TESTING SPECIFICATIONS IN THE INSPECTION AND TEST NOTES ON THIS SHEET. REFER TO ACCESS ROAD CROSS SECTION DETAILS IN THE CONSTRUCTION DETAILS FOR AGGREGATE THICKNESS AND WIDTH. AGGREGATE THICKNESS APPLIES TO THE BEGINNING OF CONSTRUCTION. ADDITIONAL AGGREGATE MAY BE REQUIRED AT THE END OF CONSTRUCTION DUE TO AGGREGATE LOSS FROM ROAD USE, IF REQUIRED BY OWNER SPECIFICATIONS.

5. INSPECTION AND TESTING

a. REFER TO **TABLE CS1** AND **TABLE CS2** FOR TESTING SPECIFICATIONS.

b. ONCE THE MINIMUM REQUIRED CBR IS ACHIEVED AT OR BEFORE THE CORRESPONDING TIME PERIOD SHOWN IN **TABLE CS1**, BUT NO SOONER THAN 24 HOURS AFTER COMPACTION, THE CONTRACTOR MAY PROCEED WITH PROOF-ROLL TESTING. FUTURE DCP TESTING ON THAT SEGMENT OF SUBGRADE IS NOT REQUIRED.

c. IF DCP TESTING SPECIFICATIONS ARE NOT MET WITHIN 7 DAYS, ADDITIONAL TESTS MAY BE PERFORMED AT A LATER DATE (E.G., 14 DAYS), THE SECTION MAY BE RE-STABILIZED WITH ADDITIONAL CEMENT, OR ADDITIONAL AGGREGATE SURFACE AND/OR THE ADDITION OF GEOTEXTILE MAY BE REQUIRED. REFER TO **TABLE CS3** FOR ALTERNATE ACCESS ROAD SECTIONS, OR CONTACT ENGINEER FOR ADDITIONAL RECOMMENDATIONS. COMPLETE SUBGRADE FAILURE OR EXCESSIVE RUTTING MAY OCCUR IF NO REMEDIAL ACTION IS TAKEN.

d. PROOF-ROLLING SHALL BE PERFORMED PRIOR TO PLACING AGGREGATE AND IN THE PRESENCE OF A QUALIFIED GEOTECHNICAL REPRESENTATIVE. REFER TO **TABLE CS2** AND CONSTRUCTION NOTES ON SHEET C714 FOR PROOF-ROLL TESTING AND EQUIPMENT SPECIFICATIONS.

e. PROOF-ROLLING SHALL BE PERFORMED WITH A MINIMUM OF TWO PASSES BUT NOT WITHIN 12 INCHES OF THE EDGE OF THE STABILIZED SECTION.

f. IF PROOF-ROLLS FAIL, TEST THE FAILED AREA WITH DCP AND USE AN ALTERNATE ROAD SECTION ACCORDING TO **TABLE CS3**, OR CONTACT ENGINEER FOR RECOMMENDATIONS.

g. REFER TO THE CONSTRUCTION NOTES ON SHEET C714 FOR AGGREGATE PLACEMENT, INSPECTION, AND TESTING SPECIFICATIONS.

BEST PRACTICES FOR CEMENT STABILIZATION

THE FOLLOWING RECOMMENDATIONS SHOULD BE CONSIDERED FOR BEST RESULTS:

1. WELL BEFORE CONSTRUCTION BEGINS, LABORATORY TESTS MAY BE PERFORMED ON NATIVE SOIL SAMPLES MIXED WITH VARIOUS AMOUNTS OF CEMENT AND TESTED FOR CBR AND/OR UNCONFINED COMPRESSIVE STRENGTH AT SEVERAL DIFFERENT CURE TIMES TO ASSESS THE FEASIBILITY OF CEMENT STABILIZATION AND ESTIMATED CEMENT APPLICATION RATES FOR TEST STRIPS AND CONSTRUCTION. LABORATORY TESTS ARE ESPECIALLY RECOMMENDED IF HIGH PLASTICITY CLAY, WET, AND/OR ORGANIC SOIL IS ANTICIPATED.
2. IT IS NOT RECOMMENDED TO MIX SOIL AND CEMENT IF AIR TEMPERATURES ARE PROJECTED TO BE BELOW 40 DEGREES FOR THE NEXT 3 DAYS OR BELOW 32 DEGREES FOR THE NEXT 7 DAYS. CONSULT ENGINEER PRIOR TO MIXING IF COLD TEMPERATURES ARE EXPECTED.
3. PROVIDE SUFFICIENT EQUIPMENT IN GOOD WORKING CONDITION TO ALLOW FOR CONTINUOUS AND UNIFORM BLENDING AND COMPACTION OF THE SUBGRADE. DISKING IS NOT AN ADEQUATE BLENDING METHOD. OPERATE EQUIPMENT SO THAT IT DOES NOT DISPLACE CEMENT SPREAD ON SUBGRADE SURFACE.
4. SUBGRADE SOIL SHOULD BE MOISTURE CONDITIONED TO NEAR OPTIMUM MOISTURE CONTENT PRIOR TO SPREADING CEMENT. REFER TO **TABLE CS4** FOR MOISTURE CONTENT ADJUSTMENT RECOMMENDATIONS. CONTACT ENGINEER IF MOISTURE CONDITIONING TO NEAR OPTIMUM IS NOT FEASIBLE.
5. PULVERIZE SUBGRADE DURING MIXING PROCESS UNTIL 100 PERCENT OF THE MATERIAL PASSES THROUGH A 1.5 INCH SIEVE AND AT LEAST 80 PERCENT OF THE MATERIAL, EXCLUDING GRAVEL, PASSES THROUGH THE NO. 4 (4.75 MM) SIEVE.
6. THE SURFACE OF THE STABILIZED SUBGRADE SHOULD BE MAINTAINED FOR THE FIRST WEEK FOLLOWING STABILIZATION TO PREVENT MOISTURE LOSS AFTER SHAPING AND COMPACTING TO ENSURE THAT CEMENT CAN FULLY HYDRATE. INADEQUATE MOISTURE AVAILABILITY WILL LOWER THE LONG TERM STRENGTH.
7. STABILIZE SUBGRADE 1 TO 2 FEET WIDER THAN THE PROPOSED AGGREGATE SURFACE ROAD WIDTH TO PROVIDE ADEQUATE STRENGTH FOR THE FULL ROAD WIDTH.

TABLE CS1 - CEMENT STABILIZED SUBGRADE CRITERIA

DAYS ELAPSED BETWEEN COMPACTION AND DCP TEST (1)	MINIMUM CBR	MINIMUM DCP (BLOWS/4")	MINIMUM UNCONFINED COMPRESSIVE STRENGTH (2) (PSI)	ALLOWABLE BEARING CAPACITY (3) (PSF)
3	20	9	90	5,500
7	30	13	135	7,900
14	40	17	180	10,200
28	50	21	225	12,500

NOTES:
(1) DCP TESTS MAY BE PERFORMED SOONER BUT MUST MEET THE MINIMUM CBR/DCP TEST CRITERIA FOR THE NEXT TIME INCREMENT.
(2) UNCONFINED COMPRESSIVE STRENGTH BASED ON CORRELATIONS TO CBR, FOR REFERENCE ONLY UNLESS STATED OTHERWISE IN THESE SPECIFICATIONS.
(3) ALLOWABLE BEARING CAPACITY BELOW A TIRE AT THE SURFACE OF 4" OF GRAVEL LAYER, INCLUDES A SAFETY FACTOR OF 1.5 AND ASSUMES AN UNSTABILIZED SUBGRADE CBR OF 1.5.

TABLE CS2 - CEMENT STABILIZED SUBGRADE TESTING SCHEDULE

LOCATION	TEST	ASTM STANDARD	FREQUENCY	SPECIFIED CRITERIA
CEMENT STABILIZED SUBGRADE (BEFORE CEMENT STABILIZATION)	STANDARD PROCTOR	D698	AS NEEDED	REPRESENTATIVE PROCTORS FOR ALL SUBGRADE MATERIAL ON SITE
	COMPACTION TEST W/ NUCLEAR DENSITY GAUGE	D6938	AS NEEDED (MIN. 1 PER ROAD PER DAY)	NEAR OPTIMUM MOISTURE CONTENT (SEE BEST PRACTICES) NO DENSITY CRITERIA
CEMENT STABILIZED SUBGRADE (TEST STRIPS)	COMPACTION TEST W/ NUCLEAR DENSITY GAUGE	D6938	1 PER 100 LF (MIN. 3 PER TEST STRIP)	95% OF MAXIMUM DRY DENSITY AND NEAR OPTIMUM (SEE BEST PRACTICES)
	DYNAMIC CONE PENETRATION (DCP)	D6951 (17.6 LB HAMMER)	3 PER 100 LF (TEST CENTERLINE AND 2' FROM EACH SHOULDER)	SEE TABLE CS1
	PROOF-ROLL	N/A	ENTIRE LENGTH	NO RUTTING GREATER THAN 3/4" AND NO PUMPING. SEE CONSTRUCTION NOTES FOR PROOF-ROLL EQUIPMENT.
CEMENT STABILIZED SUBGRADE (AFTER CEMENT STABILIZATION)	COMPACTION TEST W/ NUCLEAR DENSITY GAUGE	D6938	1 PER 500 LF UNTIL CONSISTENT PASSING RESULTS (MIN. 20 TESTS), THEN 1 PER 1,000 LF (MIN. 2 PER ROAD)	95% OF MAXIMUM DRY DENSITY AND NEAR OPTIMUM (SEE BEST PRACTICES)
	DYNAMIC CONE PENETRATION (DCP)	D6951 (17.6 LB HAMMER)	1 PER 500 LF IN EACH PASS OF THE RECLAIMER (MIN. 3 PER ROAD)	SEE TABLES CS1 AND CS3
	PROOF-ROLL	N/A	ENTIRE LENGTH	NO RUTTING GREATER THAN 3/4" AND NO PUMPING. SEE CONSTRUCTION NOTES FOR PROOF-ROLL EQUIPMENT.
AGGREGATE MATERIAL	REFER TO CONSTRUCTION NOTES ON SHEET C714			

TABLE CS3 - ALTERNATE ACCESS ROAD SECTIONS FOR LOCALIZED FAILED AREAS

7 DAY DCP (BLOWS/4")	CBR	FINAL AGGREGATE THICKNESS (IN)
13	≥30	4
9 TO <13	20 TO <30	5
7 TO <9	15 TO <20	6
5 TO <7	10 TO <15	8*
< 5	CONTACT ENGINEER	

* OR 6 INCHES OF AGGREGATE OVER GEOTEXTILE

TABLE CS4 - MOISTURE CONTENT ADJUSTMENTS

MOISTURE CONTENT RELATIVE TO OPTIMUM	**RECOMMENDED ADJUSTMENT**
DRY	ADD WATER DURING MIXING TO INCREASE MOISTURE TO SLIGHTLY ABOVE OPTIMUM
NEAR (WITHIN ±2%)	NO OR SLIGHT MOISTURE ADJUSTMENTS NEEDED, PENDING PASSING DCP TEST RESULTS
WET	DRY SOIL TO NEAR OPTIMUM PRIOR TO MIXING CEMENT BY SCARIFYING OR PRE-MIXING WITH LIME, AND/OR INCREASE CEMENT CONTENT DURING MIXING

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
0	07/25/2025	ISSUED FOR CONSTRUCTION	SL	GN	PM
1	07/29/2025	UPDATED ACCESS ROAD T-39/45	SL	GN	PM
2	08/08/2025	UPDATED TURBINE T-39/47	DM	GN	PM
3	08/15/2025	DFP REVISION	GN	PM	GN
5	10/14/2025	UPDATED SETBACKS	SLC	GN	PM

Coles Wind Project
Coles County, Illinois

Cement Stablilzation
Notes

ISSUED FOR CONSTRUCTION

DATE: 10/14/2025
SHEET: C716
REV: 5

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