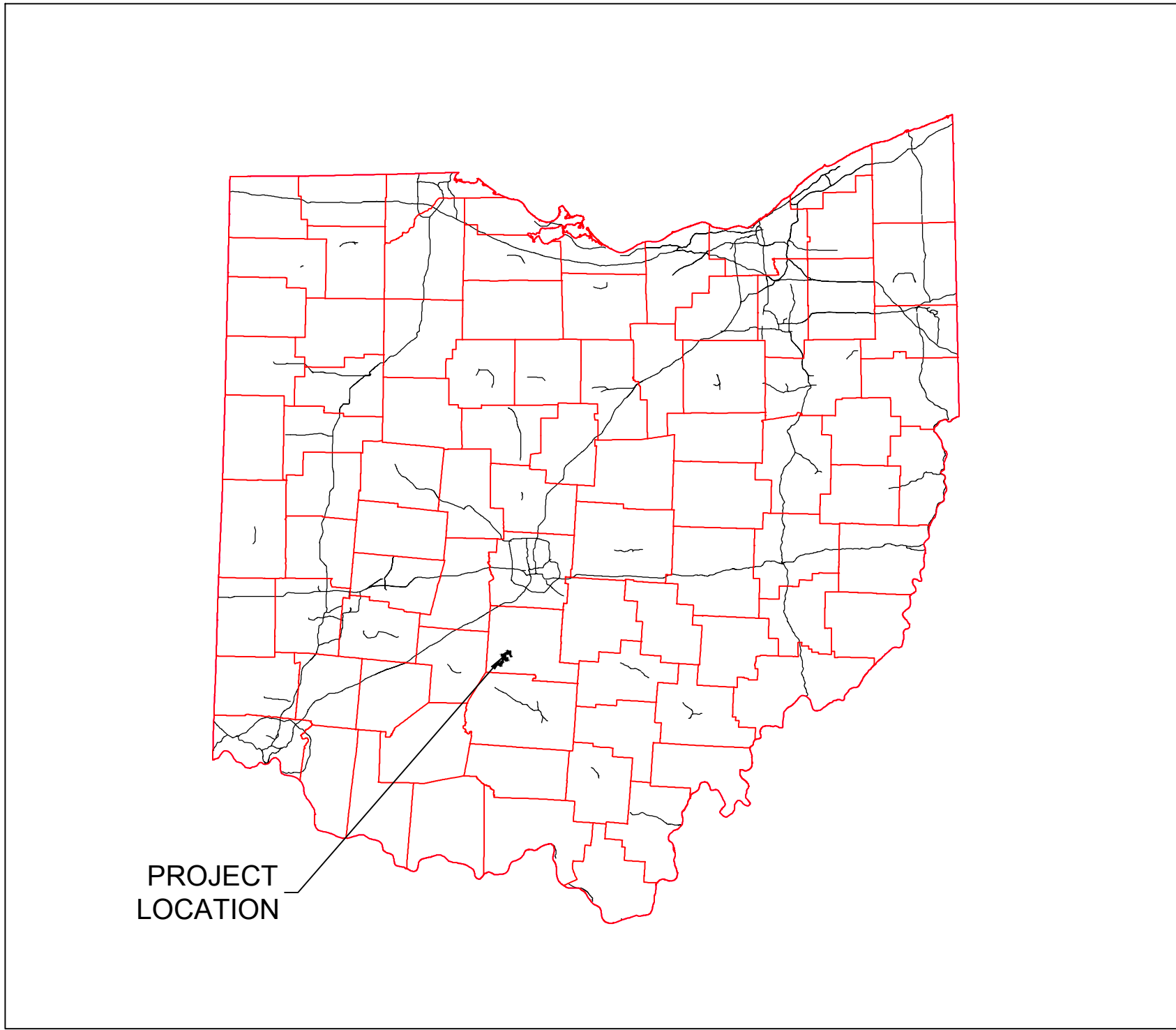


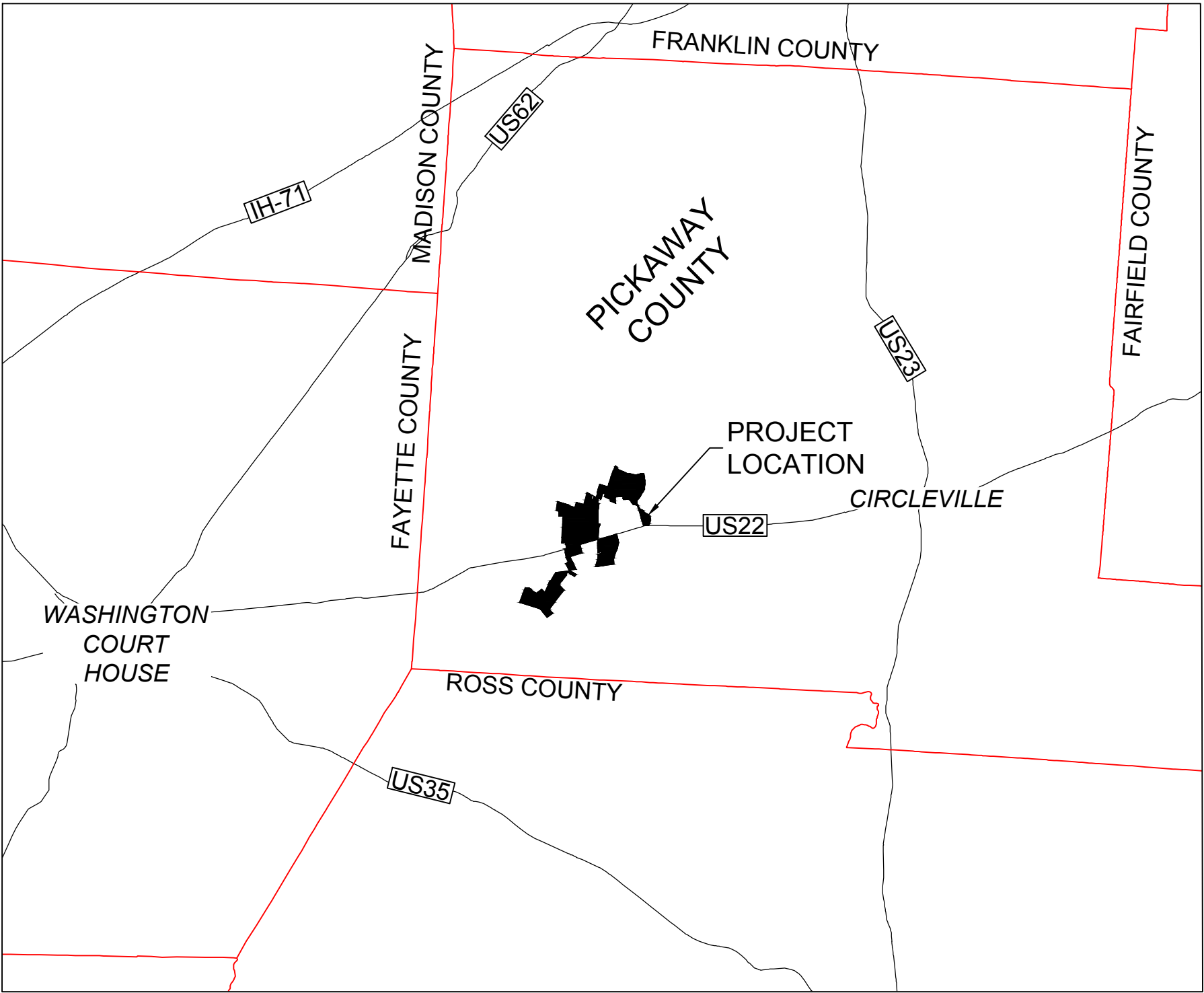
ATLANTA FARMS SOLAR - 90% (IFP) CIVIL DESIGN

SOLAR ELECTRIC POWER GENERATION FACILITY

PICKAWAY COUNTY, OHIO



STATE MAP



VICINITY MAP

DATA SOURCE TABLE			
ITEM	SOURCE	FILE NAME	DATE RECEIVED
ARRAY	DEPCOM	X-ARRY-5-T-OH260_220728.dwg	2022-07-28
ROAD LAYOUT	DEPCOM	X-SITE-5-T-OH260_220706.dwg	2022-07-06
COLLECTION LAYOUT	DEPCOM	X-ARRY-5-T-OH260_220706.dwg	2022-07-06
SUBSTATION LAYOUT	DEPCOM	X-SUB-OH260.dwg	2022-06-27
PLANIMETRICS	DEPCOM	47965_Savion_Atlanta_farm_OH_S_2D_Planimetric.dwg	2022-06-27
TOPOGRAPHY	DEPCOM	OH260_Plan_Todo.dwg	2022-06-27
ALTA SURVEY	SAM	20210420_Savion Atlanta Farms ALTA_Preliminary.pdf	2022-06-27
	DEPCOM	X-ALTA-OH260.dwg	2022-06-27
WETLANDS & STREAMS	ECOLOGY AND ENVIRONMENT, INC.	20191220_AtlantaFarms_E&E_WetlandReport_Final.pdf	2022-06-27
CULTURAL AREAS HABITATS	-	-	-
FLOODPLAIN	SAM	20210420_Savion Atlanta Farms ALTA_Preliminary.pdf	2022-06-27
FLOOD STUDY	DEPCOM	X-ALTA-OH260.dwg	2022-06-27
GEOTECHNICAL	TERRACON	Atlanta_Hydro_Rpt_2019-12-13.pdf	2019-12-13
CIVIL SPECIFICATIONS	TERRACON	N4205409-AtlantaFarms-GeoReport-final.pdf	2022-06-27
	DEPCOM	AtlantaFarmsEPCExhibitA-1-SolarandInterconnectionWork(1).pdf-Final-0.pdf	2022-06-27
TRACKER SPECIFICATIONS	DEPCOM	OH260-AtlantaFarmsATI_TrackerSpecificationRev-05-19-22.pdf	2022-07-01
CONDITIONAL USE PERMIT	DEPCOM	90096-000 Install Guide (GCS).pdf	2022-06-27
	DEPCOM	Conditional Use Permit.pdf	2022-06-27



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CIVIL ENGINEER
TIMMONS GROUP
5840 LEGACY CIRCLE
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SHEET LIST TABLE	
SHT NUM	SHEET TITLE
C0.00	COVER SHEET
C0.01	GENERAL NOTES AND QUANTITIES
C1.00	OVERALL EXISTING CONDITIONS
C1.01	OVERALL EXISTING CONDITIONS
C1.02	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.03	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.04	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.05	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.06	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.07	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.08	EXISTING CONDITIONS AND DEMOLITION PLAN
C1.09	EXISTING CONDITIONS AND DEMOLITION PLAN
C2.00	OVERALL EROSION CONTROL PLAN - PHASE I
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C2.03	EROSION CONTROL PLAN - PHASE I
C2.04	EROSION CONTROL PLAN - PHASE I
C2.05	EROSION CONTROL PLAN - PHASE I
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C2.07	EROSION CONTROL PLAN - PHASE I
C2.08	EROSION CONTROL PLAN - PHASE I
C3.00	OVERALL EROSION CONTROL PLAN - PHASE II
C3.01	EROSION CONTROL PLAN - PHASE II
C3.02	EROSION CONTROL PLAN - PHASE II
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C3.04	EROSION CONTROL PLAN - PHASE II
C3.05	EROSION CONTROL PLAN - PHASE II
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C4.00	EROSION CONTROL DESIGN NOTES
C4.01	EROSION CONTROL DETAILS
C4.02	EROSION CONTROL DETAILS
C5.00	OVERALL SITE LAYOUT PLAN
C5.01	SITE LAYOUT AND GRADING PLAN
C5.02	SITE LAYOUT AND GRADING PLAN
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C5.04	SITE LAYOUT AND GRADING PLAN
C5.05	SITE LAYOUT AND GRADING PLAN
C5.06	SITE LAYOUT AND GRADING PLAN
C5.07	SITE LAYOUT AND GRADING PLAN
C5.08	SITE LAYOUT AND GRADING PLAN
C6.00	SITE NOTES AND DETAILS
C6.01	SITE NOTES AND DETAILS
C7.01	SUBSTATION SITE LAYOUT AND GRADING PLAN
C8.00	STORMWATER MANAGEMENT SUMMARY
C8.01	STORMWATER MANAGEMENT PLAN EXHIBITS
C8.02	STORMWATER MANAGEMENT PLAN CALCULATIONS

PREPARED BY TIMMONS GROUP
JULY 29, 2022

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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUIRES / N. HOGYE

STATE OF OHIO
JARED A. SQUIRES
E-85865
7/29/2022
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION

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REVISIONS	
#	DESCRIPTION
A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

COVER SHEET

PLANS PRINTED AS 11x17 ARE HALF SCALE	
SCALE	SHEET NUMBER
N/A	C0.00

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GENERAL CONSTRUCTION NOTES:

1.

THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS AND IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS, UNLESS SPECIFIED OTHERWISE BY THE OWNER.
2.

ALL EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME THE DRAWINGS WERE PREPARED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCEMENT OF ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGE SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
3.

THE SUBCONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL REGULATIONS PERTAINING TO CONSTRUCTION OPERATIONS.
4.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
5.

CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION FIELD STAKING, TESTING AND DOCUMENTATION, UNLESS SPECIFIED OTHERWISE BY THE OWNER.
6.

ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED OR UNLEASED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
7.

THESE PLANS, PREPARED BY TIMMONS GROUP, DO NOT INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT COVER ANY SUCH SAFETY SYSTEM OF THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
8.

THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR IMPLEMENTING AN APPLICABLE TRAFFIC CONTROL PLAN PER OHIO DEPARTMENT OF TRANSPORTATION (OHIO DOT) STANDARDS AND SWPP PLAN MEASURES AS REQUIRED. TRAFFIC CONTROL PER OHIO DOT AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR IS RESPONSIBLE FOR ADAPTATION AND IMPLEMENTATION TO SUIT SITE SPECIFIC SITUATIONS.
9.

ELECTRICAL INFORMATION SHOWN ON THE PLANS IS FOR REFERENCE ONLY. REFER TO ELECTRICAL CONSULTANT'S PLANS FOR DETAILED DESIGN OF THE UNDERGROUND COLLECTION SYSTEM AND SUBSTATION.
10.

EXISTING FIELD CONDITIONS ARE TO BE MAINTAINED WHERE FEASIBLE. GRADES THROUGHOUT SITE ARE TO MEET TRACKER SPECIFICATIONS. FILL SHALL BE PLACED ON ANY AREA NOT CLEARED OR GRUBBED. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO BE GRADED AND RE-SPREAD AT COMPLETION OF GRADING.
11.

ALL OPEN DITCHES AND HAZARDOUS AREAS SHALL BE CLEARLY MARKED.
12.

ALL SOIL EROSION CONTROL MEASURES REQUIRED BY THE PLANS SHALL BE PERFORMED PRIOR TO DEMOLITION OR EARTHWORK IN LOCALIZED AREAS. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC., SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY ON THE ENGINEER'S APPROVAL. IF DURING THE LIFE OF THE PROJECT, A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS", THESE SHALL BE REPAIRED AT NO EXTRA COST AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
13.

THE CONTRACTOR MUST PROVIDE EROSION CONTROL DEVICES TO CONTROL RUNOFF FROM THE CONSTRUCTION SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES THAT MAY BE LEVIED DUE TO POLLUTION CREATED DURING CONSTRUCTION.
14.

DISPOSABLE MATERIAL

14.1.

CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE, UNLESS SPECIFIED OTHERWISE. BURNING AND/OR BURYING MUST BE APPROVED BY THE OWNER AND LANDOWNER.

14.2.

SOLID WASTES TO BE REMOVED, SUCH AS SIDEWALKS, CURBS, PAVEMENT, ETC., MAY BE PLACED IN SPECIFIED DISPOSAL AREAS DETERMINED BY CONTRACTOR OR REMOVED FROM THE SITE AS REQUIRED BY THE SPECIFICATIONS. THIS MATERIAL SHALL HAVE A MINIMUM COVER OF 2'. THE CONTRACTOR SHALL MAINTAIN SPECIFIED COMPACTION REQUIREMENTS IN THESE AREAS. WHEN DISPOSAL SITES ARE NOT PROVIDED, THE CONTRACTOR SHALL REMOVE THIS WASTE FROM THE SITE AND PROPERLY DISPOSE OF IT AT THEIR EXPENSE.

14.3.

ABANDONED UTILITIES SUCH AS CULVERTS, WATER PIPE, HYDRANTS, CASTINGS, PIPE APPURTENANCES, UTILITY POLES, ETC., SHALL BE THE PROPERTY OF THE SPECIFIED UTILITY AGENCY, OR COMPANY HAVING JURISDICTION. BEFORE THE CONTRACTOR CAN REMOVE, DESTROY, SALVAGE, REUSE, SELL OR STORE FOR HIS OWN USE ANY ABANDONED UTILITY, HE MUST PRESENT TO THE OWNER WRITTEN PERMISSION FROM THE UTILITY INVOLVED.
15.

THE SUBCONTRACTOR SHALL CONTROL ALL "DUST" BY PERIODIC WATERING AND SHALL PROVIDE ACCESS AT ALL TIMES FOR PROPERTY OWNERS WITHIN AND ADJACENT TO THE PROJECT AREA AND FOR EMERGENCY VEHICLES.
16.

UNLESS OTHERWISE STATED, ALL FILL AREAS SHALL BE CONSTRUCTED IN LAYERS OF 8" MAXIMUM THICKNESS WITH WATER ADDED OR SOIL CONDITIONED TO THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE ENGINEER AND COMPACTED WITH A SHEEP'S FOOT ROLLER TO A COMPACTION EQUAL TO OR GREATER THEN 95% OF THE DENSITY OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH THE MODIFIED PROCTOR METHOD OF MOISTURE-DENSITY RELATIONSHIP TEST, ASTM D1557 UNLESS SPECIFIED IN OTHER SPECIFICATIONS.
17.

ALL AREAS WHERE THERE IS EXPOSED SOIL SHALL BE SEEDED, FERTILIZED AND MULCHED. THE FINISHED SURFACE SHALL BE TO GRADE AND SMOOTH, FREE OF EQUIPMENT TRACKS, DIRT CLOUDS, BUMPS, RIDGES AND GOUGES PRIOR TO SEEDING. THE SURFACE SHALL BE LOOSENED TO A DEPTH OF ±4"-6" TO ACCEPT SEED. ALL SEEDING SHALL BE PERFORMED BY A MECHANICAL "HYDRO-SEEDER" OR OTHER APPROVED METHOD. HAND SEEDING SHALL BE AUTHORIZED IN DIFFICULT AREAS WITH APPROVAL BY THE ENGINEER.
18.

THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH TERMS OF PERMITS ISSUED BY EACH JURISDICTIONAL AGENCY. ISSUANCE OF THIS PLAN DOES NOT EQUATE APPROVAL FROM THE APPLICABLE AGENCIES.
19.

CONTRACTOR TO RELOCATE ALL POWER LINES, SIGNS, MAILBOXES AND OTHER OBSTRUCTIONS AS REQUIRED WITH OWNER APPROVAL.
20.

CONTRACTOR SHALL LOCATE STOCKPILES SO THEY DO NOT INTERFERE WITH THE DRAINAGE.
21.

THE CONTRACTOR SHALL NOTIFY PUERTO RICO 811 AT LEAST 48 HOURS BEFORE EXCAVATION ACTIVITIES COMMENCE.
22.

ALL WORK NEAR AND AROUND WATERWAYS MUST CONFORM TO THE RULES OF OHIO EPA, EPA, AND THE UNITED STATES ARMY CORPS OF ENGINEERS AS APPLICABLE.
23.

SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING SITE DEVELOPMENT, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE STATE HISTORIC PRESERVATION OFFICE OF THE DEPARTMENT OF MUSEUMS, LIBRARY AND ARTS SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.
24.

ALL GRADING SHALL COMPLY WITH THE STANDARDS INCLUDING, BUT NOT LIMITED TO MAXIMUM SLOPE RATIOS OF 3:1 AND VARYING CURVILINEAR SLOPES.

NEW ACCESS ROAD GRADING, MATERIALS AND COMPACTION:

1.

THE PRIVATE ACCESS ROADS HAVE BEEN DESIGN TO ACCOMMODATE LIGHT DUTY TRUCKS FOR LOW VOLUME USE IN NORMAL OPERATING CONDITIONS AS WELL AS HEAVY DELIVERY VEHICLES THROUGHOUT THE CONSTRUCTION PERIOD. THE ROAD DESIGN IS NOT INTENDED FOR ALL WEATHER USE OF HIGH VOLUME, HEAVY CONSTRUCTION LOADS. PERIODIC ROADWAY MAINTENANCE IS REQUIRED SUCH AS GRADING AND REPLACEMENT OF APPROVED ROAD BASE DURING AND AFTER CONSTRUCTION INCLUDING AFTER HEAVY RAIN OR EXCESSIVE FREEZE-THAW CYCLES.
2.

DESIGN ACCESS ROAD STRUCTURAL SECTIONS ARE MINIMUM THICKNESS PER GEOTECHNICAL REPORT RECOMMENDATIONS. THE ENGINEER OF RECORD SHOULD BE CONTACTED IF ADVERSE SOIL CONDITIONS ARE ENCOUNTERED AND A THICKER SECTION MAY BE REQUIRED.
3.

THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THEM AT CONTRACTOR'S EXPENSE.
4.

ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF-SITE OR BY ARRANGEMENT WITH THE LANDOWNER AT THE CONTRACTOR EXPENSE.
5.

ALL TREES, BRUSH, STUMPS AND DEBRIS SHALL BE REMOVED BY THE CONTRACTOR IN THE ROAD CONSTRUCTION AREA. THE TOPSOIL SHALL BE REMOVED FROM ROADWAY AND STOCKPILED FOR LATER USE IN THE AREA THAT IS TO BE RE-VEGETATED.
6.

AFTER REMOVAL OF THE TOPSOIL, THE ROADWAY SUBGRADE SHOULD BE COMPACTED AND THEN SMOOTHED AND CHECKED FOR PUMPING USING A MINIMUM 25-TON GROSS WEIGHT TANDEM AXLE VEHICLE. IF AREAS "PUMP" OR RUT GREATER THAN 1.5 INCHES, SOFT AREA SOILS SHOULD BE EXCAVATED AND RE-COMPACTED OR REPLACED WITH GRANULAR SOILS. SOFT AREAS SHOULD BE RECHECKED BY PROOF-ROLLING AND THE PROCESS REPEATED AS NEEDED. PROOF-ROLLING SHALL BE PERFORMED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER OR QUALIFIED TECHNICIAN.
7.

FILL SOILS SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8". FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM DRY DENSITY AND +/- 3% OF OPTIMUM MOISTURE CONTENT AS DETERMINED BY AASHTO T 180 (MODIFIED PROCTOR), METHOD D (TTCP MODIFIED).
8.

FILL SHOULD BE COMPACTED AND PROOF-ROLLED AS DESCRIBED IN ITEM 6.
9.

CARE SHOULD BE TAKEN TO ENSURE THE EXPOSED SUBGRADE OR FILL SOILS DO NOT DRY OUT OR BECOME SATURATED PRIOR TO PLACEMENT OF ADDITIONAL FILL OR BASE MATERIAL. IF THIS OCCURS, THE EXPOSED FILL SOILS OR SUBGRADE SHOULD BE SCARIFIED, MOISTURE ADJUSTED, AND RE-COMPACTED BEFORE PLACEMENT OF ADDITIONAL MATERIAL.
10.

SUBGRADE PREPARATION AND COMPACTION SHALL NOT BE CONDUCTED WHEN THE GROUND IS FROZEN. FROZEN MATERIAL SHALL NOT BE PLACED FOR COMPACTION. HOWEVER, IF TEMPERATURES ARE ABOVE FREEZING, AND IF THE DEPTH OF THE FROZEN GROUND DOES NOT EXCEED 6 INCHES THEN SMALL SECTIONS (LESS THAN 500 FEET IN LENGTH) MAY BE STRIPPED TO BELOW THE DEPTH OF THE FROZEN GROUND AND COMPACTED IMMEDIATELY AND UNFROZEN AGGREGATE ADDED AND COMPACTED ACCORDING TO PLANS BEFORE THE NEXT FREEZE.
11.

ALL AGGREGATE MATERIAL MUST BE SUPPLIED FROM A SOURCE APPROVED BY PROJECT OWNER AND ENGINEER OF RECORD BASED ON AGGREGATE TEST RESULTS.
12.

APPROVED ROAD BASE SHOULD BE PROOF-ROLLED WITH A MINIMUM 25 TON GROSS WEIGHT TANDEM AXLE VEHICLE. IF PUMPING OR TUGGING MORE THAN 1.5-INCH ARE OBSERVED, SOFT AREAS SHOULD BE EXCAVATED AND RE-COMPACTED OR REPLACED AND RE-CHECKED BY PROOF-ROLLING.
13.

SEDIMENT CONTROLLED CONSTRUCTION ENTRANCE AND EXIT SHALL BE PLACED AT ALL CONSTRUCTION ENTRANCES.
14.

APPROVED ROAD BASE SHALL BE COMPACTED PER OHIO DOT CONSTRUCTION & MATERIALS SPECIFICATIONS RECOMMENDATIONS TO THE MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T 180 (MODIFIED PROCTOR), METHOD D (TTCP MODIFIED), AT A FREQUENCY OF ONE TEST PER LIFT PER 200 LINEAL FEET, OR MINIMUM OF 2 TESTS PER LIFT PER ACCESS ROAD, WHICHEVER IS GREATER.

EROSION CONTROL:

1.

PROVIDE PRODUCT DATA AND CERTIFICATES FOR ALL DRAINAGE STRUCTURES, SILT FENCE, MATTING, RIP RAP, GEOTEXTILES AND OTHER DRAINAGE/EROSION CONTROL MATERIALS.
2.

ALL MATERIALS SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AS WELL AS OHIO ENVIRONMENTAL PROTECTION AGENCY (OHIO EPA) AND ENVIRONMENTAL PROTECTION AGENCY (EPA) STANDARDS.

SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES:

1.

PETROLEUM PRODUCTS, HAZARDOUS OR CONTROLLED SUBSTANCES WHICH MAY BE TEMPORARY OR PERMANENTLY LOCATED ON THE SITE SHOULD BE HANDLED AND STORED IN CONFORMANCE WITH THE US - EPA CODE OR FEDERAL REGULATIONS 40CFR 112.
2.

BULK OIL STORAGE MUST BE LOCATED IN A CONTAINMENT AREA OF GREATER THAN 1,320 GALLONS AND HAVE THE CAPACITY TO HOLD THE AMOUNT OF OIL PLUS RAINFALL FROM A 50-YEAR STORM EVENT.
3.

SPILL RESPONSE EQUIPMENT SUCH AS ABSORBENT MATERIALS, BOOMS AND WASTE DRUMS OR DEDICATED CONTAINMENT SHALL BE AVAILABLE IN THE EVENT THERE IS A LEAK FROM FUEL DRUMS, OR OIL DRUMS.
4.

ANY SPILLS ON LAND GREATER THAN 25 GALLONS MUST BE REPORTED TO THE EPA SPILLS IN BODIES OF WATER THAT CREATE A SHEEN SHOULD ALSO BE REPORTED.
5.

IMMEDIATE ACTION MUST BE TAKEN TO CONTROL CONTAIN AND RECOVER THE DISCHARGE PRODUCT.
6.

NO COUNTERMEASURES THAT RISK THE HEALTH OR SAFETY OF PERSONNEL SHOULD BE UNDERTAKEN.
7.

A FRONT-END LOADER, SKID STEER, GRADER, OR BACKHOE SHOULD BE READILY AVAILABLE TO RESPOND IN CASE OF A SPILL.
8.

ALL SOLID WASTE INCLUDING BUT NOT LIMITED TO CRATES, CARDBOARD, PLASTIC WRAPPING, PIPES AND WIRE WASTE AND CONCRETE WASHOUT SHALL BE PROPERLY CONTAINED AT APPROPRIATE COLLECTION POINTS AND BE PROPERLY DISPOSED ON A REGULAR BASIS. CARE SHOULD BE TAKEN TO AVOID THE SPREAD OF MATERIAL THAT CAN BE WIND BLOWN FROM THIS SITE AREA OR CONTAINERS.

ACTIONS TO BE TAKEN INCLUDE:

- a.

ELIMINATE POTENTIAL SPARK SOURCES.
- b.

IF SAFE TO DO SO, IDENTIFY AND SHUT DOWN SOURCES OF DISCHARGE AND STOP THE FLOW.
- c.

CONTAIN DISCHARGE WITH SORBENTS, BERMS, TRENCHES, SAND BAGS OR OTHER APPROPRIATE MATERIALS.
- d.

COLLECT AND PROPERLY DISPOSE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
- e.

KEEP ALL RECORDS OF EVENTS AND DISPOSALS.

ESTIMATED QUANTITIES - 90% CIVIL DESIGN		
Description	Units	Quantity
Total Net Earthwork Volume (Excluding Basins)	CY	2,780
Cut (Factor of 1.033 per Geotech)	CY	44,712
Fill	CY	41,932
Total Disturbed Area	AC	272
Total 18' PV Array Access Roadways	LF	66,433
Total 20' Substation Access Roadways	LF	599
Permanent Fencing (excludes O&M, substation)	LF	89,306
Permanent Fence Gates	EA	13
Permanent Driveways	EA	6
Temporary Gates	EA	4
Temporary Prefab Bridges and Embankments	EA	2
Temporary Access Road	LF	1,488
Laydown Yard Gravel (excludes O&M)	SY	47,668
Silt Fence	LF	68,495
Silt Fence Outlets	EA	30
Sediment Traps	EA	1
Rock Check Dams	EA	n/a
Construction Entrances	EA	3
Dirt Road Demo	LF	5,820
EXTRA SWPPP BMP'S MATERIALS ON HAND (10%)		
Description	Units	Quantity
Silt Fence	LF	6,850
Silt Fence Outlets	EA	3

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POWER®

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SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS
SOLAR
PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUYRES / N. HOGYE

STATE OF OHIO

JARED A. SQUYRES
E-85886
7/29/2022
REGISTERED
PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

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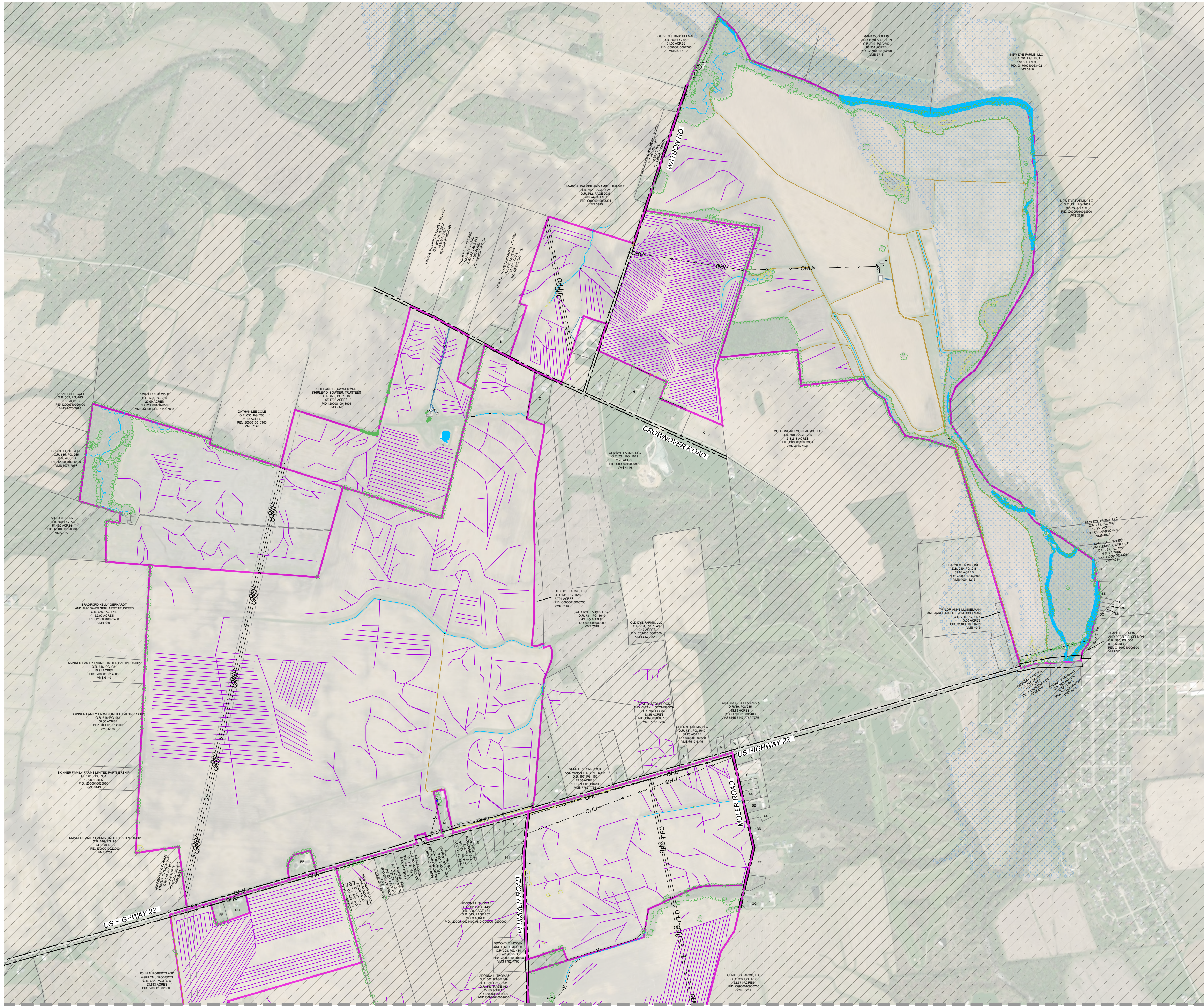
REVISIONS	
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DRAWING DESCRIPTION

GENERAL NOTES AND QUANTITIES

PLANS PRINTED AS 11x17 ARE HALF SCALE	
SCALE	SHEET NUMBER
N/A	C0.01

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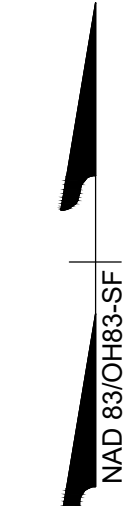
MATCHLINE - SEE SHEET C1.01

EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- TREE LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE

ADJOINER TABLE (PER ALTA)

(A) GORDON W. JEWELL AND SHEILA TAYLOR JEWELL O.R. 238, PG. 478 5.001 ACRES PID: C090001000301 VMS 7146	(Z) CHAUNCEY PATTON O.R. 715, PG. 2441 1.00 ACRES PID: C0900010005804 VMS 7662-7766
(B) CLINT J. HANLEY (U.S. BANK NATIONAL ASSOCIATION) O.R. 756, PAGE 2511 O.R. 747, PAGE 1814 5.0148 ACRES PID: C0900010001202 VMS 3715-7518	(AA) ELIZABETH R. NICKELL O.R. 635, PG. 22 1.00 ACRES PID: C0900010005803 VMS 7662-7766
(C) ROBERT DALE JARVIS O.R. 658, PG. 2684 5.07 ACRES PID: C0900010000501 VMS 7519	(BB) JIM REDMAN AND DINA REDMAN O.R. 355, PG. 563 1.68 ACRES PID: C0900010005802 VMS 7762-7766
(D) MARC A. PALMER AND AMIE L. PALMER O.R. 184, PAGE 249 4.809 ACRES PID: C0900010001000 VMS 4146	(CC) CLINTON J. WARD AND PATRICIA LU WARD O.R. 558, PG. 1989 2.00 ACRES PID: C0900010006200 VMS 7762-7766
(E) MARC A. PALMER AND AMIE L. PALMER O.R. 184, PAGE 249 5.664 ACRES PID: C0900010001201 VMS 3715	(DD) CLINTON J. WARD AND PATRICIA LU WARD O.R. 558, PG. 1989 8.24 ACRES PID: C0900010006000 VMS 7762-7766-7766
(F) JEFFREY GRABILL O.R. 750, PAGE 97 5.000 ACRES PID: C0900010001103 VMS 7519	(EE) WILLIAM D. KELLER O.R. 717, PG. 1518 15.37 ACRES PID: C0900010006300 VMS 6060
(G) EDWARD P. VALENTINE AND JOHANNA M. VALENTINE O.R. 356, PAGE 600 5.001 ACRES PID: C0900010001102 VMS 4146	(FF) CHARLOTTE J. WEST O.R. 737, PG. 1407 0.789 ACRES PID: C0900010006701 VMS 7764
(H) KEVIN E. BLACKBURN AND RENEE N. BLACKBURN O.R. 127, PAGE 635 5.004 ACRES PID: C0900010001104 VMS 4146	(GG) LANCE HEATH AND JAIME HEATH O.R. 641, PG. 522 11.87 ACRES PID: C0900010006702 VMS 7764
(I) ROBERT C. VALENTINE AND GLENORE J. VALENTINE O.R. 189, PAGE 742 4.2445 ACRES PID: C0900010001100 VMS 4146	(HH) TIFFANY N. ELSTER AND JOSHUA B. ELSTER O.R. 683, PG. 2486 2.00 ACRES PID: C0900010009101 VMS 7762-7766 AND 7882
(J) MARC A. PALMER AND AMIE L. PALMER O.R. 679, PAGE 2335 5.027 ACRES PID: C0900010003201 VMS 4146	(II) BENJAMIN E. CARPENTER AND TONYA N. CARPENTER O.R. 787, PAGE 732 3.0855 ACRES PID: C0900010009301
(K) MARC A. PALMER AND AMIE L. PALMER O.R. 679, PAGE 2335 6.215 ACRES PID: C0900010003202 VMS 4146	(JU) HARRY N. HASTINGS AND CATHY K. HASTINGS O.R. 17, PG. 173 0.827 ACRES PID: C1100010001407 VMS 4034
(L) AARON RIDENOUR AND ROBIN RIDENOUR O.R. 697, PG. 707 11.00 ACRES PID: C0900010009106 VMS 7762-7766	(KV) RICHARD J. WATKINS AND LISA A. WATKINS O.R. 180, PG. 503 1.891 ACRES PID: C1100010001300 VMS 4034-4216
(M) JOHN L. RHODAS AND RHONDA RHODAS O.R. 315, PG. 14 2.618 ACRES PID: C0900010008701 VMS 7427	(LL) BILL J. FULLEN AND KIMBERLY A. FULLEN O.R. 667, PG. 2702 0.39 ACRES PID: C1100010001100 VMS 4034-4216
(N) JOHN A. SELIN AND NANCY SELIN O.R. 103, PG. 477 2.004 ACRES PID: C0900010009202 VMS 7762-7766	(MM) KENNETH N. WILLIAMS O.R. 222, PG. 193 0.39 ACRES PID: C1100010001000 VMS 4034-4216
(O) JACK E. ELDER O.R. 513, PG. 1438 2.507 ACRES PID: C090001000103 VMS 7762-7766	(NN) BILL FULLEN AND KIMBERLY FULLEN O.R. 577, PG. 2323 0.25 ACRES PID: C1100010000900 VMS 4034-4216
(P) GAVIN W. LEE AND DANIELLE E. LEE O.R. 709, PG. 1622 2.508 ACRES PID: C0900010009104 VMS 7762-7766	(OV) ERIC W. HOLLENBECK AND PATRICIA A. HOLLENBECK O.R. 509, PG. 479 0.25 ACRES PID: C1100010000800 VMS 4034-4216
(Q) JAMES R. GRAY AND JEANNE A. GRAY O.R. 598, PG. 1433 2.00 ACRES PID: C0900010009201 VMS 7882	(PP) JOHN D. WILLIAMS O.R. 195, PAGE 65 1.637 ACRES PID: I2000010026700
(R) HUGO A. SALVITO JR AND AMY L. SALVITO O.R. 32, PG. 779 0.32 ACRES PID: C0900010009102 VMS 7882	(QQ) HOWARD E. MORRIS O.R. 79, PAGE 400 2.996 ACRES PID: I2000010026101
(S) RICHARD W. ZAHARD AND VICKY L. ZAHARD O.R. 722, PG. 2269 10.907 ACRES PID: C0900010008000 VMS 7882	(RR) DENNIE E. ARTHURS AND PAMELA K. ARTHURS O.R. 714, PAGE 2150 3.421 ACRES PID: I2000010022300
(T) GENE D. STONEROCK AND VIVIAN L. STONEROCK O.R. 783, PG. 3623 5.04 ACRES PID: C0900010007701 VMS 7762-7766	(SS) PICKAWAY COUNTY PARK DISTRICT O.R. 648, PAGE 2119 122.571 ACRES PID: I2000010060500 AND I2000010064900
(U) MARC A. PALMER AND AMIE L. PALMER O.R. 623, PG. 2252 1.00 ACRES PID: C0900010007600 VMS 7762	
(V) JOHANNA J. BOYER O.R. 764, PG. 3808 0.85 ACRES PID: C0900010005700 VMS 6145-7147-7762	
(W) JENNIFER M. GOODWIN AND EDWARD B. GOODWIN O.R. 647, PG. 2272 0.25 ACRES PID: C0900010005601 VMS 7762-7766	
(X) TODD L. WYNKOOP AND TERRI J. WYNKOOP O.R. 734, PG. 92 1.984 ACRES PID: C0900010005800 VMS 7762-7766	
(Y) CHARLES O. GALLOWAY AND ETHEL M. GALLOWAY, TRUSTEES O.R. 733, PG. 1649 3.458 ACRES PID: C0900010005801 VMS 7762-7766	



SCALE 1"=800'
0 800' 1600'

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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY/DRAWN BY: J. SQUIRES / N. HOGYE

STATE OF OHIO
JARED A. SQUIRES
E-55865
7/29/2022
REGISTERED PROFESSIONAL ENGINEER

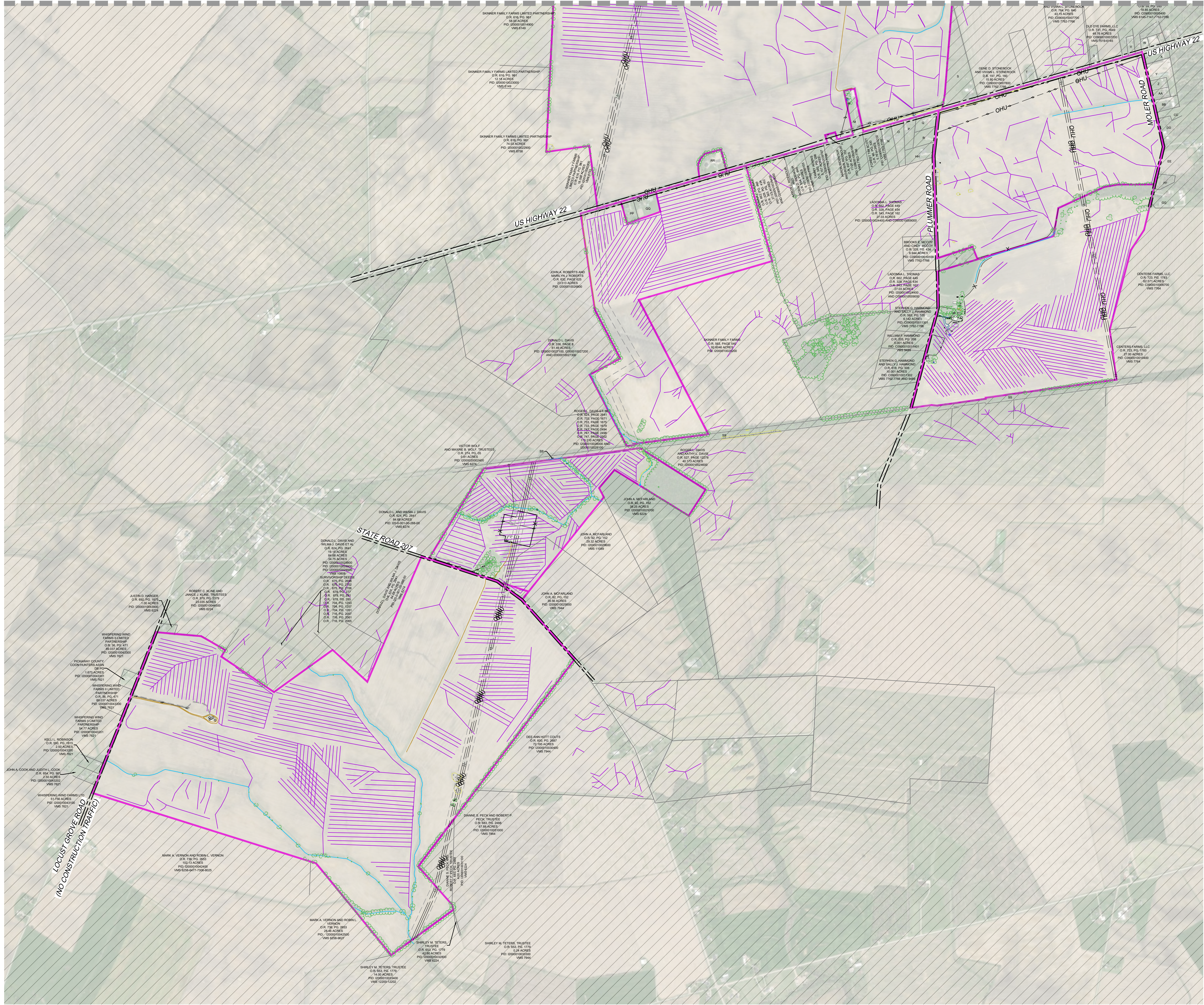
NOT FOR CONSTRUCTION

REVISIONS	
#	DESCRIPTION
A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT

OVERALL EXISTING CONDITIONS

PLANS PRINTED AS 11x17 ARE HALF SCALE	SHEET NUMBER
SCALE 1"=800'	C1.00

MATCHLINE - SEE SHEET C1.00

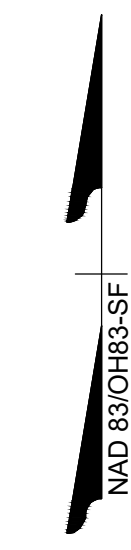


EXISTING LEGEND

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- DIRT ROAD
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	CLINT J. HANLEY (U.S. BANK NATIONAL ASSOCIATION) O.R. 756, PAGE 2511 D.R. 747, PAGE 1814 5.0148 ACRES PID: C0900010001202 VMS 3715-7619	AA	ELIZABETH R. NICKELL O.R. 635, PG. 22 1.00 ACRES PID: C0900010005803 VMS 7662-7766
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C	MARC A. PALMER AND AMIE L. PALMER O.R. 184, PAGE 249 4.809 ACRES PID: C0900010001000 VMS 4146	CC	CLINTON J. WARD AND PATRICIA LU WARD O.R. 558, PG. 1989 2.00 ACRES PID: C0900010006200 VMS 7762-7766
D	MARC A. PALMER AND AMIE L. PALMER O.R. 184, PAGE 249 5.664 ACRES PID: C0900010001201 VMS 3715	DD	CLINTON J. WARD AND PATRICIA LU WARD O.R. 558, PG. 1989 8.24 ACRES PID: C0900010006000 VMS 7762-7766-7766
E	JEFFREY GRABILL O.R. 750, PAGE 97 5.000 ACRES PID: C0900010001103 VMS 7519	DE	WILLIAM D. KELLER O.R. 717, PG. 1518 15.37 ACRES PID: C0900010006300 VMS 6060
F	EDWARD P. VALENTINE AND JOHANNA M. VALENTINE O.R. 306, PAGE 600 5.001 ACRES PID: C0900010001102 VMS 4146	FE	CHARLOTTE J. WEST O.R. 737, PG. 1407 0.789 ACRES PID: C0900010006701 VMS 7764
G	KEVIN E. BLACKBURN AND RENEE N. BLACKBURN O.R. 127, PAGE 635 5.004 ACRES PID: C0900010001104 VMS 4146	FF	LANCE HEATH AND JAIME HEATH O.R. 641, PG. 522 11.87 ACRES PID: C0900010006702 VMS 7764
H	ROBERT C. VALENTINE AND GLENORE J. VALENTINE O.R. 169, PAGE 742 4.2445 ACRES PID: C0900010001100 VMS 4146	HH	TIFFANY N. ELSTER AND JOSHUA B. ELSTER O.R. 683, PG. 2486 2.00 ACRES PID: C0900010009101 VMS 7762-7766 AND 7882
I	MARC A. PALMER AND AMIE L. PALMER O.R. 679, PAGE 2335 5.027 ACRES PID: C0900010003201 VMS 4146	II	BENJAMIN E. CARPENTER AND TONYA N. CARPENTER O.R. 787, PAGE 732 3.0855 ACRES PID: C0900010009301
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K	AARON RIDENOUR AND ROBIN RIDENOUR O.R. 657, PG. 707 11.00 ACRES PID: C0900010009106 VMS 7762-7766	KV	RICHARD J. WATKINS AND LISA A. WATKINS O.R. 180, PG. 503 0.891 ACRES PID: C1100010001300 VMS 4934-4216
L	JOHN L. RHODAS AND RHONDA RHODAS O.R. 315, PG. 14 2.618 ACRES PID: C0900010008701 VMS 7427	LL	BILL J. FULLEN AND KIMBERLY A. FULLEN O.R. 667, PG. 2702 0.39 ACRES PID: C1100010001100 VMS 4034-4216
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N	JACK E. ELDER O.R. 513, PG. 1438 2.507 ACRES PID: C0900010001013 VMS 7762-7766	NN	BILL FULLEN AND KIMBERLY FULLEN O.R. 577, PG. 2323 0.25 ACRES PID: C1100010000900 VMS 4034-4216
O	GAVIN W. LEE AND DANIELLE E. LEE O.R. 709, PG. 1652 2.508 ACRES PID: C0900010009104 VMS 7762-7766	OV	ERIC W. HOLLENBECK AND PATRICIA A. HOLLENBECK O.R. 509, PG. 479 0.25 ACRES PID: C1100010000800 VMS 4034-4216
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R	RICHARD W. ZAHARD AND VICKY L. ZAHARD O.R. 722, PG. 2269 10.907 ACRES PID: C0900010008000 VMS 7882	RR	DENNIE E. ARTHURS AND PAMELA K. ARTHURS O.R. 714, PAGE 2150 1.421 ACRES PID: I2000010023700
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T	MARC A. PALMER AND AMIE L. PALMER O.R. 620, PG. 2252 1.00 ACRES PID: C0900010007600 VMS 7762		
U	JOANNA J. BOYER O.R. 784, PG. 3808 0.85 ACRES PID: C0900010005700 VMS 6145-7147-7762		
V	JENNIFER M. GOODWIN AND EDWARD B. GOODWIN O.R. 647, PG. 2272 0.25 ACRES PID: C0900010005601 VMS 7762-7766		
W	TODD L. WYNKOOP AND TERRI J. WYNKOOP O.R. 734, PG. 92 1.884 ACRES PID: C0900010005800 VMS 7762-7766		
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Y			

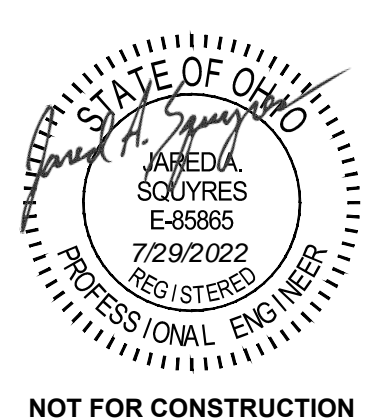


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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE	7/29/2022
PROJECT NUMBER	45488.026
PROJECT NAME	ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY	J. SQUYRES / N. HOGYE



NOT FOR CONSTRUCTION

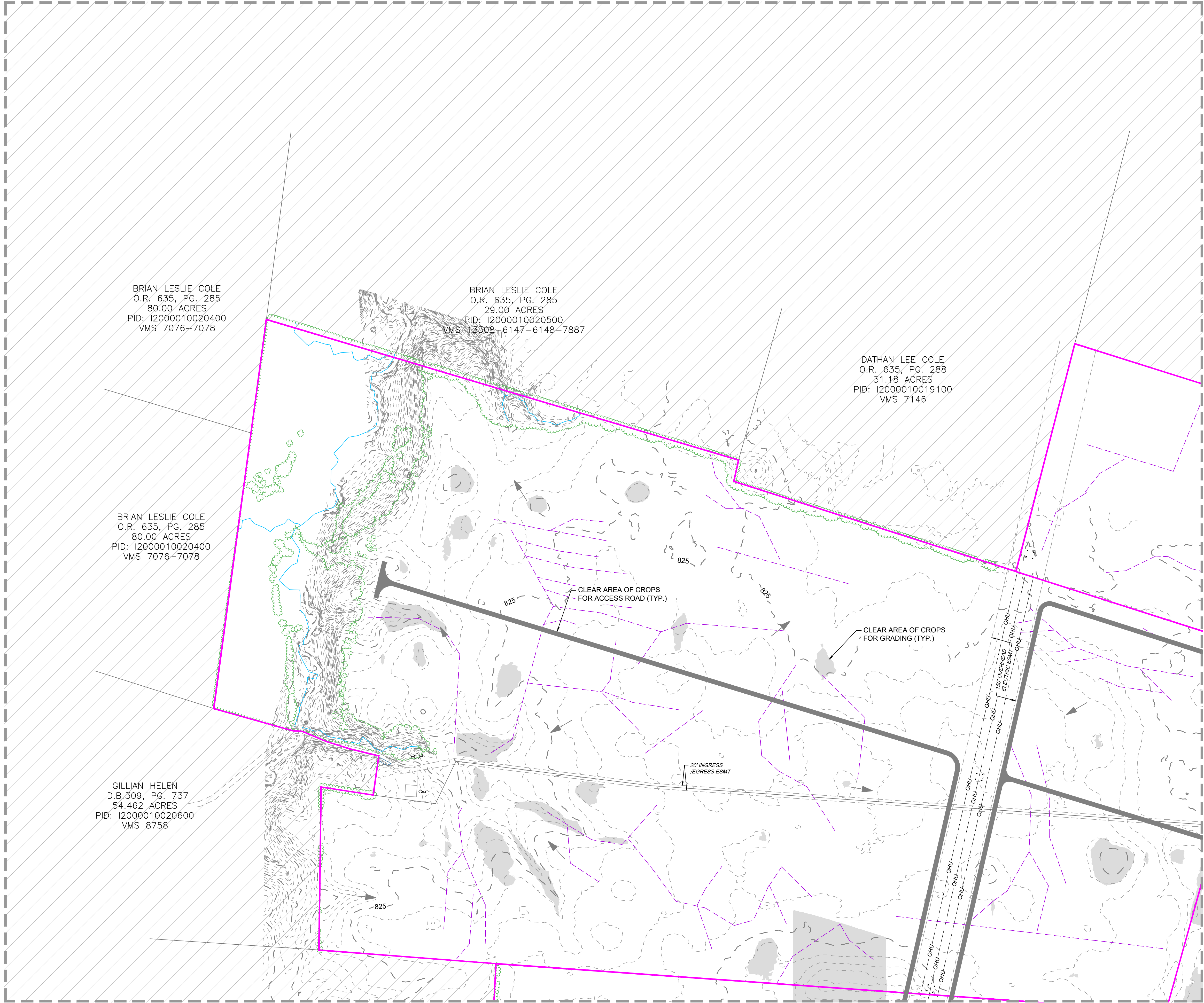
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REVISIONS	
#	DESCRIPTION
A	07/28/22 PROGRESS SET
B	07/28/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/28/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION	
SCALE	SHEET NUMBER
1"=800'	C1.01

OVERALL EXISTING CONDITIONS

Y:\351\45488.026 - Atlanta Farms Solar DWG\DWG\Sheet\CD\45488.026-EXIST & DEMO.dwg | Plotted on 7/29/2022 12:11 PM | by Jared Squyres



OUTSIDE OF PROJECT BOUNDARY

PARCEL ADJOINER LINE

ASPHALT ROAD

GRAVEL ROAD

DIRT ROAD

RIGHT-OF-WAY

EASEMENT

OHU

OVERHEAD ELECTRIC LINE

X

FENCE LINE

DRAIN TILE

WATERBODY AND STREAMLINES

TREE LINE

100 YEAR FLOODPLAIN

DELINEATED WETLANDS

UTILITY POLE

EXISTING DRAINAGE FLOW PATH

1210

MINOR CONTOUR

MAJOR CONTOUR

CLEAR AREA OF CROPS FOR ACCESS ROAD (29 AC)

CLEAR AREA OF CROPS FOR GRADING (101 AC)

CLEAR AREA OF CROPS FOR TEMPORARY ACCESS ROAD, BRIDGE, AND EMBANKMENT (1 AC)

X

ITEMS TO BE DEMOLISHED

EXISTING LEGEND

DEMOLITION LEGEND

- NOTES:
- CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - SITE PREPARATION INCLUDES BUT NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 - CONTRACTOR TO FIELD VERIFY ALL REMOVAL BEFORE COMMENCING CLEAR, GRUBBING, AND/OR DEMOLITION.
 - EXISTING DRAIN TILE BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.

KEYMAP

SCALE 1"=200'

NAD 83/OH83-SF

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CLIENT

DEPCOM POWER

9185 E PIMA CENTER PARKWAY #100

SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE

7/29/2022

PROJECT NUMBER

45488.026

PROJECT NAME

ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY

J. SQUYRES / N. HOGYE

STATE OF OHIO

JARED A. SQUYRES

E-85886

7/29/2022

REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

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B	07/15/22	30% PLANS ISSUE
C	07/22/22	60% PLANS ISSUE
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DRAWING DESCRIPTION

EXISTING CONDITIONS AND DEMOLITION PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C1.02

Y:\351145488.026 - Atlanta Farms Solar DWG\CVL\Sheet\CD\45488.026-EXIST & DEMO.dwg | Plotted on 7/29/2022 12:12 PM | by Jared Stuyres

MATCHLINE - SEE SHEET C1.02

BRADFORD KELLY GERHARDT
AND AMY DAWN GERHARDT TRUSTEES
O.R. 656, PG. 1740
62.00 ACRES
PID: I2000010022400
VMS 8888

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
16.91 ACRES
PID: I2000010014800
VMS 6149

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
58.00 ACRES
PID: I2000010014900
VMS 6149

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
12.18 ACRES
PID: I2000010023000
VMS 6149

CLEAR AREA OF CROPS
FOR ACCESS ROAD (TYP.)

CLEAR AREA OF CROPS
FOR GRADING (TYP.)

150' OVERHEAD
ELECTRIC ESMT

MATCHLINE - SEE SHEET C1.05

EXISTING LEGEND

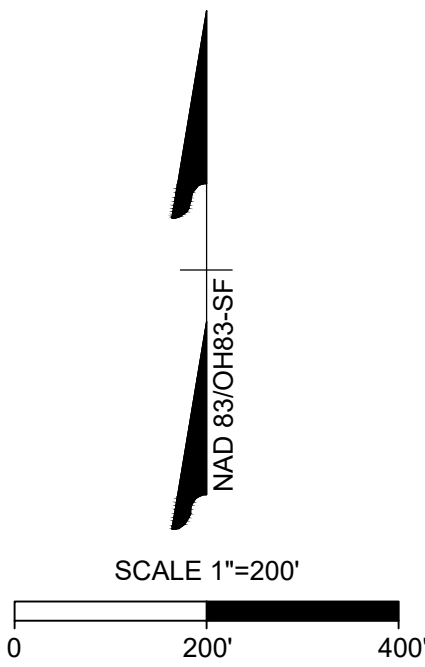
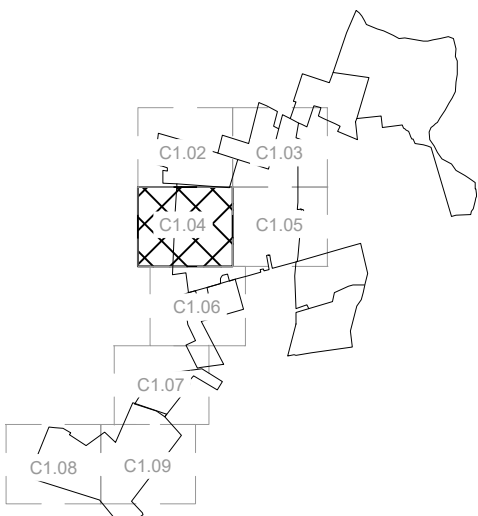
- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
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- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

DEMOLITION LEGEND

- CLEAR AREA OF CROPS FOR ACCESS ROAD (29 AC)
- CLEAR AREA OF CROPS FOR GRADING (101 AC)
- CLEAR AREA OF CROPS FOR TEMPORARY ACCESS ROAD, BRIDGE, AND EMBANKMENT (1 AC)
- ITEMS TO BE DEMOLISHED

NOTES:

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D	07/29/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

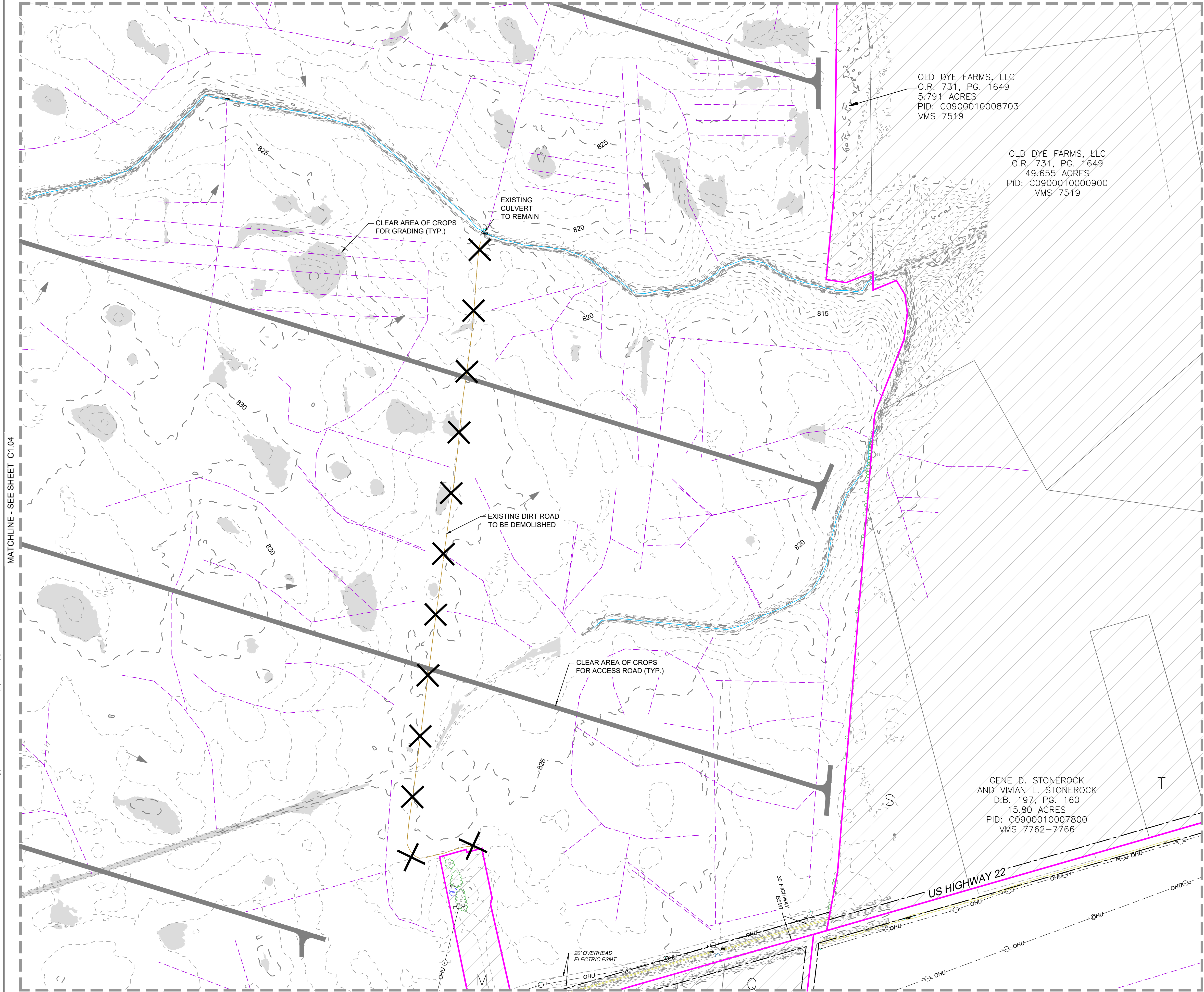
**EXISTING
CONDITIONS AND
DEMOLITION PLAN**

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE SHEET NUMBER
1"=200' C1.04

Y:\381145488.026 - Atlanta Farms Solar DWG\CIVIL\Sheet\CD\45488.026-EXIST & DEMO.dwg | Plotted on 7/29/2022 12:12 PM | by Jared Squyres

MATCHLINE - SEE SHEET C1.04

MATCHLINE - SEE SHEET C1.03



MATCHLINE - SEE SHEET C1.06

EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

DEMOLITION LEGEND

- CLEAR AREA OF CROPS FOR ACCESS ROAD (29 AC)
- CLEAR AREA OF CROPS FOR GRADING (101 AC)
- CLEAR AREA OF CROPS FOR TEMPORARY ACCESS ROAD, BRIDGE, AND EMBANKMENT (1 AC)
- ITEMS TO BE DEMOLISHED

- NOTES:
- CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - SITE PREPARATION INCLUDES BUT NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 - CONTRACTOR TO FIELD VERIFY ALL REMOVAL BEFORE COMMENCING CLEAR, GRUBBING, AND/OR DEMOLITION.
 - EXISTING DRAIN TILE BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.

KEYMAP

SCALE 1"=200'

REVISIONS

NO.	DATE	DESCRIPTION
1	07/29/22	PROGRESS SET
2	07/29/22	30% PLANS ISSUE
3	07/29/22	60% PLANS ISSUE
4	07/29/22	90% ISSUED FOR PERMIT

EXISTING CONDITIONS AND DEMOLITION PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C1.05

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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

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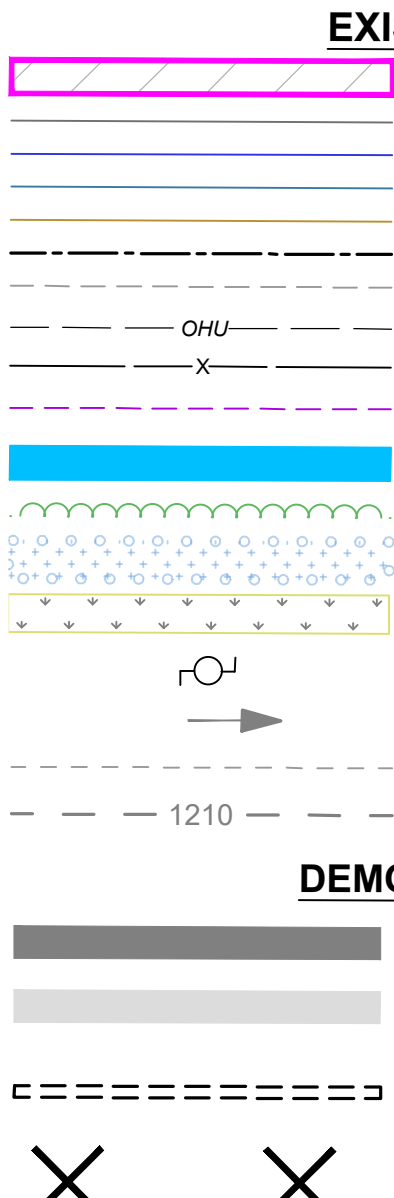
REVISIONS

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3	07/29/22	60% PLANS ISSUE
4	07/29/22	90% ISSUED FOR PERMIT

EXISTING CONDITIONS AND DEMOLITION PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C1.05

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POWER®**

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SCOTTSDALE, AZ 85258

DOI: 10.1002/for

ATLANTA FARMS
SOLAR

PICKAWAY COUNTY, OHIO

7/29/202

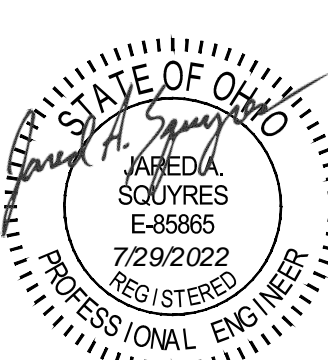
45489 036

PROJECT NAME

ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY

J. SQUYRES / N.



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REVISIONS	
MM/DD/YY	DESCRIPTION
07/08/22	PROGRESS SET
07/15/22	30% PLANS ISSUE
07/22/22	60% PLANS ISSUE
07/29/22	90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

EXISTING CONDITIONS AND DEMOLITION PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE

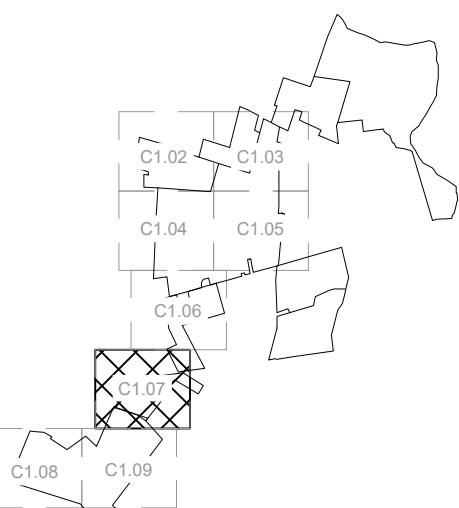
SCALE	SHEET NUMBER
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1"=200'	C1.07
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NOTES

1. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
2. SITE PREPARATION INCLUDES BUT NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND REESTABLISHMENT OF DISTURBED AREA.
3. CONTRACTOR TO FIELD VERIFY ALL REMOVAL BEFORE COMMENCING CLEAR, GRUBBING, AND/OR DEMOLITION.
4. EXISTING DRAIN TIE BE AVOIDED WHERE POSSIBLE AND REPAIR/REPLACE DRAINAGE DAMAGE.



KEYMAP

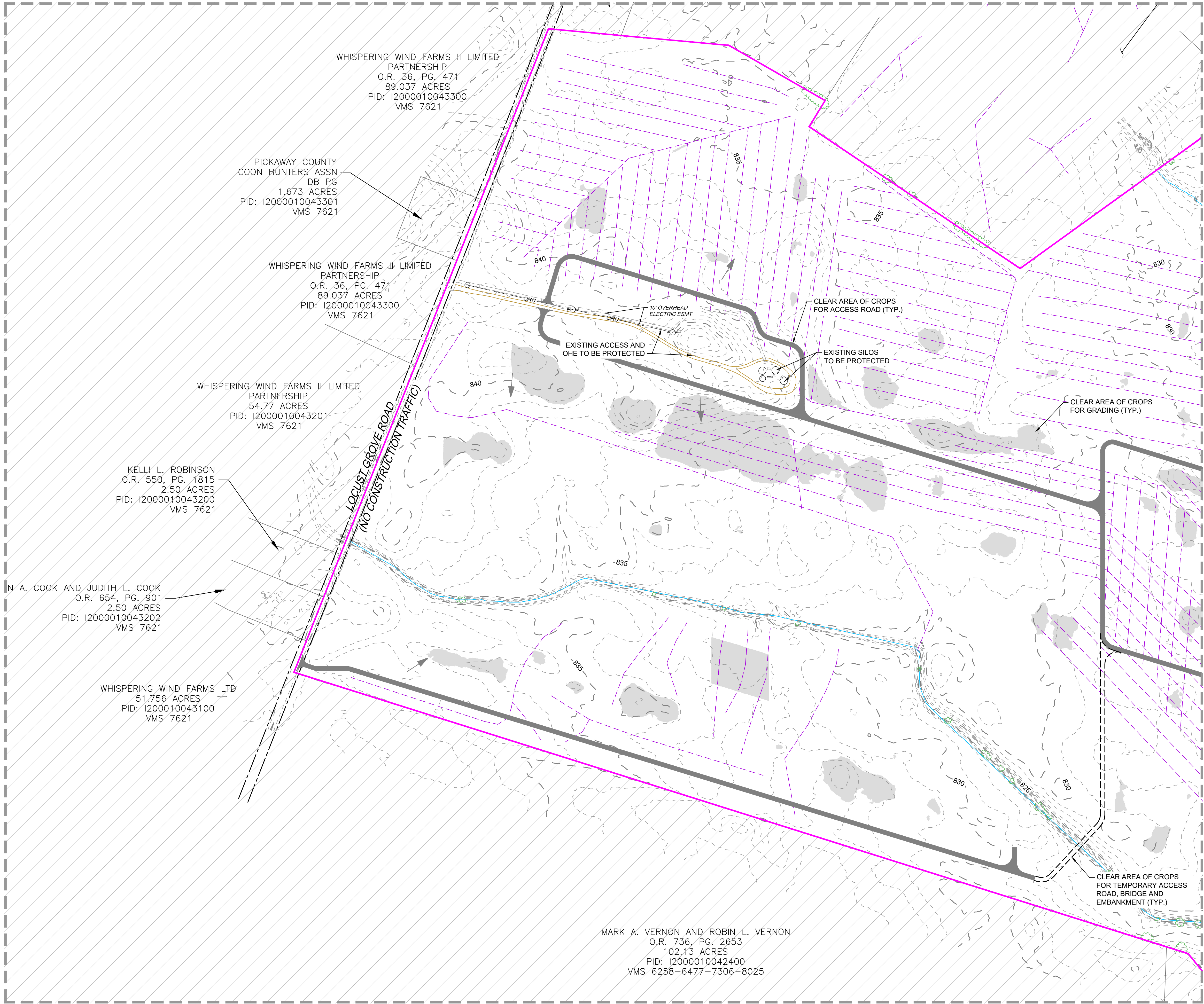
SCALE 1"=200'

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[illegible]

MATCHLINE - SEE SHEET C1.0

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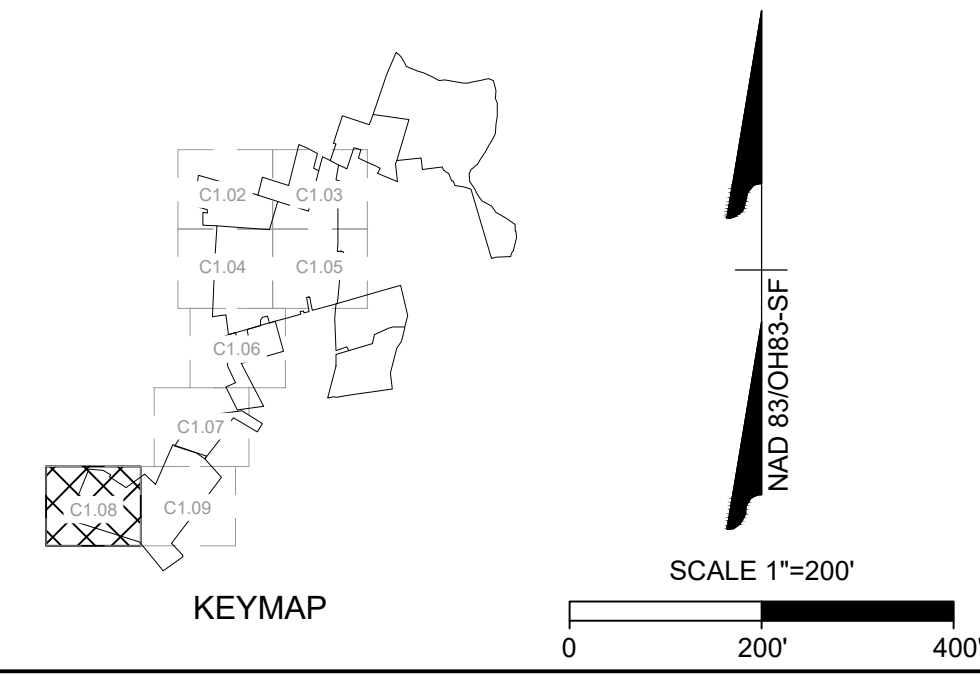
EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

DEMOLITION LEGEND

- CLEAR AREA OF CROPS FOR ACCESS ROAD (29 AC)
- CLEAR AREA OF CROPS FOR GRADING (101 AC)
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DEPCOM POWER
9185 E PIMA CENTER PARKWAY #100
SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

JARED A. SQUYRES
E-55886
7/29/2022
REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

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C	07/22/22	60% PLANS ISSUE
D	07/29/22	90% ISSUED FOR PERMIT

EXISTING CONDITIONS AND DEMOLITION PLAN

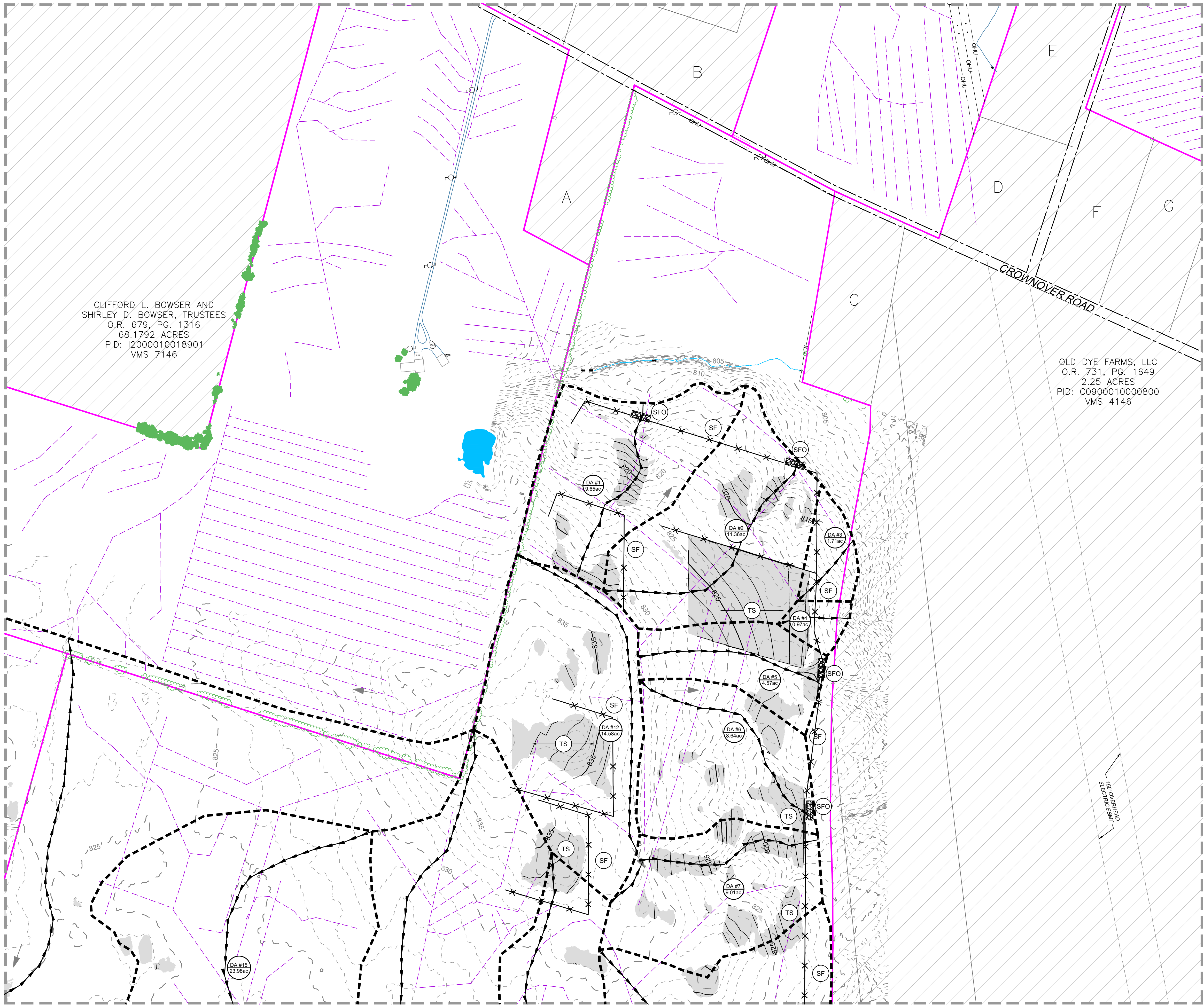
PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C1.08

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MATCHLINE - SEE SHEET C2.01

MATCHLINE - SEE SHEET C2.04



EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED LEGEND

- LIMITS OF DISTURBANCE FOR GRADED AREA
- PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)	[Symbol]	SILT FENCE OUTLET
(CE)	[Symbol]	CONSTRUCTION ENTRANCE
(ST)	[Symbol]	TEMPORARY SEDIMENT TRAP
(TS)	(TS)	TEMPORARY SEEDING
(CIP)	[Symbol]	CULVERT INLET PROTECTION
	[Symbol]	BASIN TIME OF CONCENTRATION PATH
	[Symbol]	DRAINAGE AREA DIVIDE
	(IDEN AC)	DRAINAGE AREA LABEL

- NOTES:
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KEYMAP

SCALE 1"=200'

1"=200'

C2.02

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DEPCOM POWER

9185 E PIMA CENTER PARKWAY #100

SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE: 7/29/2022

PROJECT NUMBER: 45488.026

PROJECT NAME: ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

STATE OF OHIO

JARED A. SQUYRES

E-55886

7/29/2022

REGISTERED PROFESSIONAL ENGINEER

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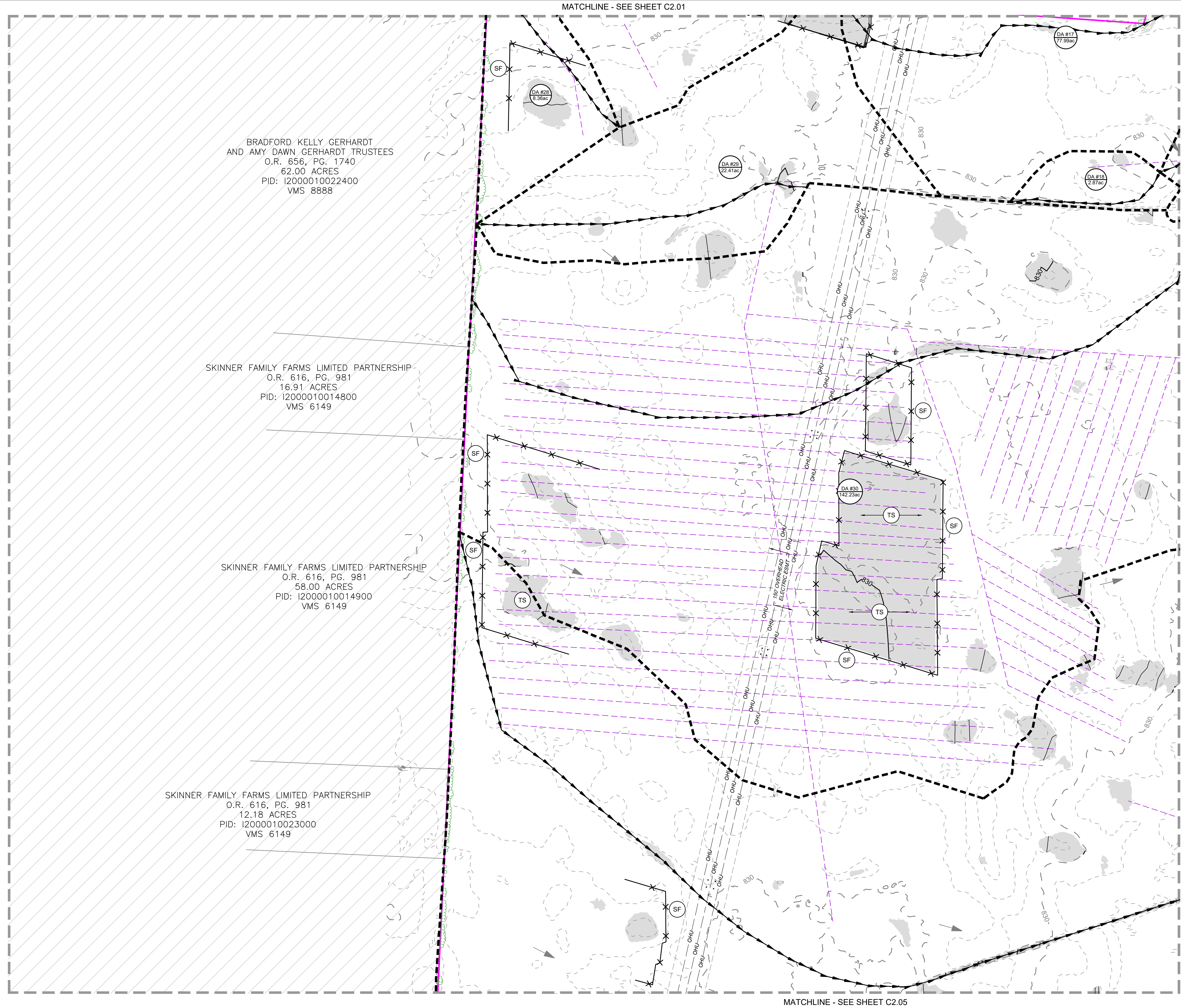
DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE I

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C2.02

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EXISTING LEGEND

OUTSIDE OF PROJECT BOUNDARY

PARCEL ADJOINER LINE

ASPHALT ROAD

GRAVEL ROAD

DIRT ROAD

RIGHT-OF-WAY

EASEMENT

OVERHEAD ELECTRIC LINE

FENCE LINE

DRAIN TILE

WATERBODY AND STREAMLINES

TREE LINE

100 YEAR FLOODPLAIN

DELINEATED WETLANDS

UTILITY POLE

EXISTING DRAINAGE FLOW PATH

MINOR CONTOUR

MAJOR CONTOUR

PROPOSED LEGEND

LIMITS OF DISTURBANCE FOR GRADED AREA

PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)	(TS)	TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
	(IDEN. AC)	DRAINAGE AREA LABEL

- NOTES:
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 - EXISTING DRAIN TILE TO BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.

KEYMAP

SCALE 1"=200'

0 200' 400'

NAD 83/OH83-SF

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CLIENT

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SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUYRES / N. HOGYE

STATE OF OHIO
JARED A. SQUYRES
E-585885
7/29/2022
REGISTERED PROFESSIONAL ENGINEER

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DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE I

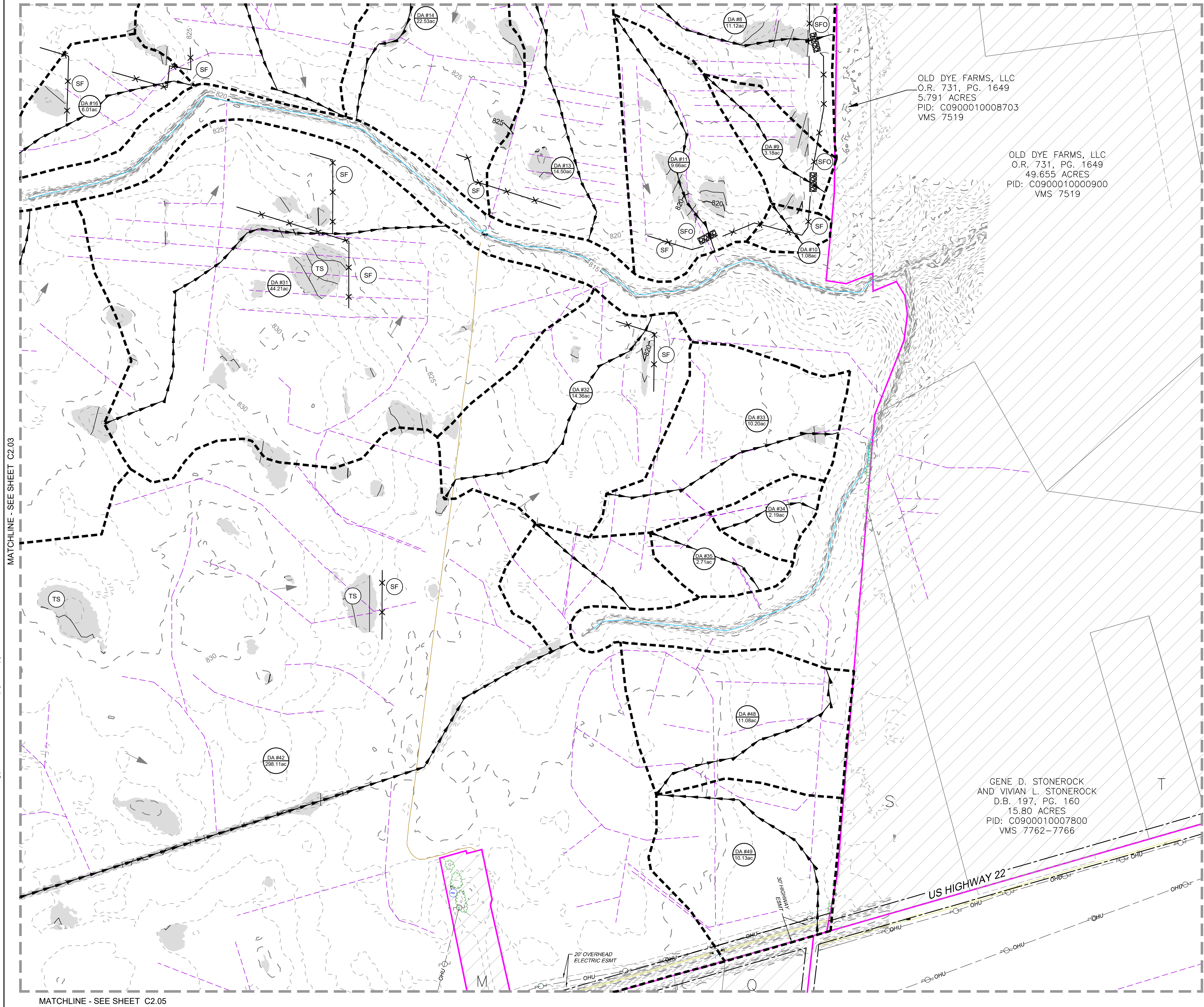
PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
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MATCHLINE - SEE SHEET C2.03

MATCHLINE - SEE SHEET C2.02



MATCHLINE - SEE SHEET C2.05

OLD DYE FARMS, LLC
O.R. 731, PG. 1649
5.791 ACRES
PID: C0900010008703
VMS 7519

OLD DYE FARMS, LLC
O.R. 731, PG. 1649
49.655 ACRES
PID: C0900010000900
VMS 7519

GENE D. STONEROCK
AND VIVIAN L. STONEROCK
D.B. 197, PG. 160
15.80 ACRES
PID: C0900010007800
VMS 7762-7766

EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

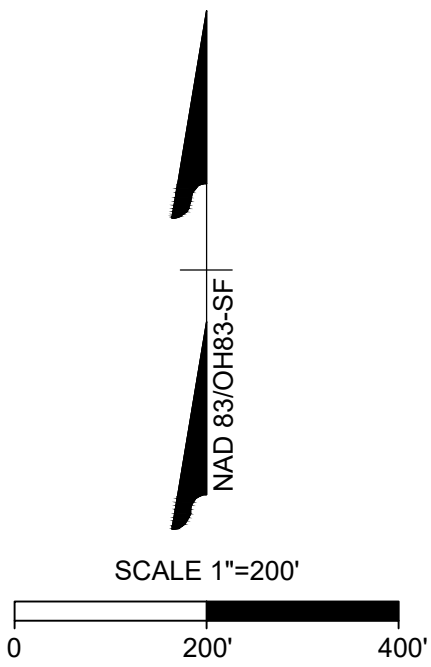
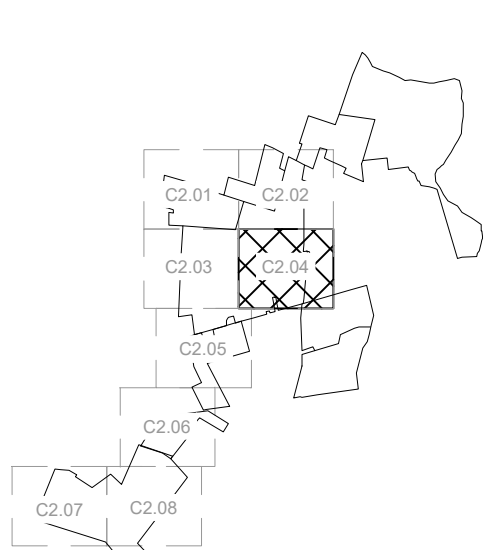
PROPOSED LEGEND

- LIMITS OF DISTURBANCE FOR GRADED AREA
- PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)	[Symbol]	SILT FENCE OUTLET
(CE)	[Symbol]	CONSTRUCTION ENTRANCE
(ST)	[Symbol]	TEMPORARY SEDIMENT TRAP
(TS)	(TS)	TEMPORARY SEEDING
(CIP)	[Symbol]	CULVERT INLET PROTECTION
	[Symbol]	BASIN TIME OF CONCENTRATION PATH
	[Symbol]	DRAINAGE AREA DIVIDE
	(IDEN. AC)	DRAINAGE AREA LABEL

NOTES:

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ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

STATE OF OHIO
JARED A. SQUYRES
E-58586
7/29/2022
REGISTERED PROFESSIONAL ENGINEER

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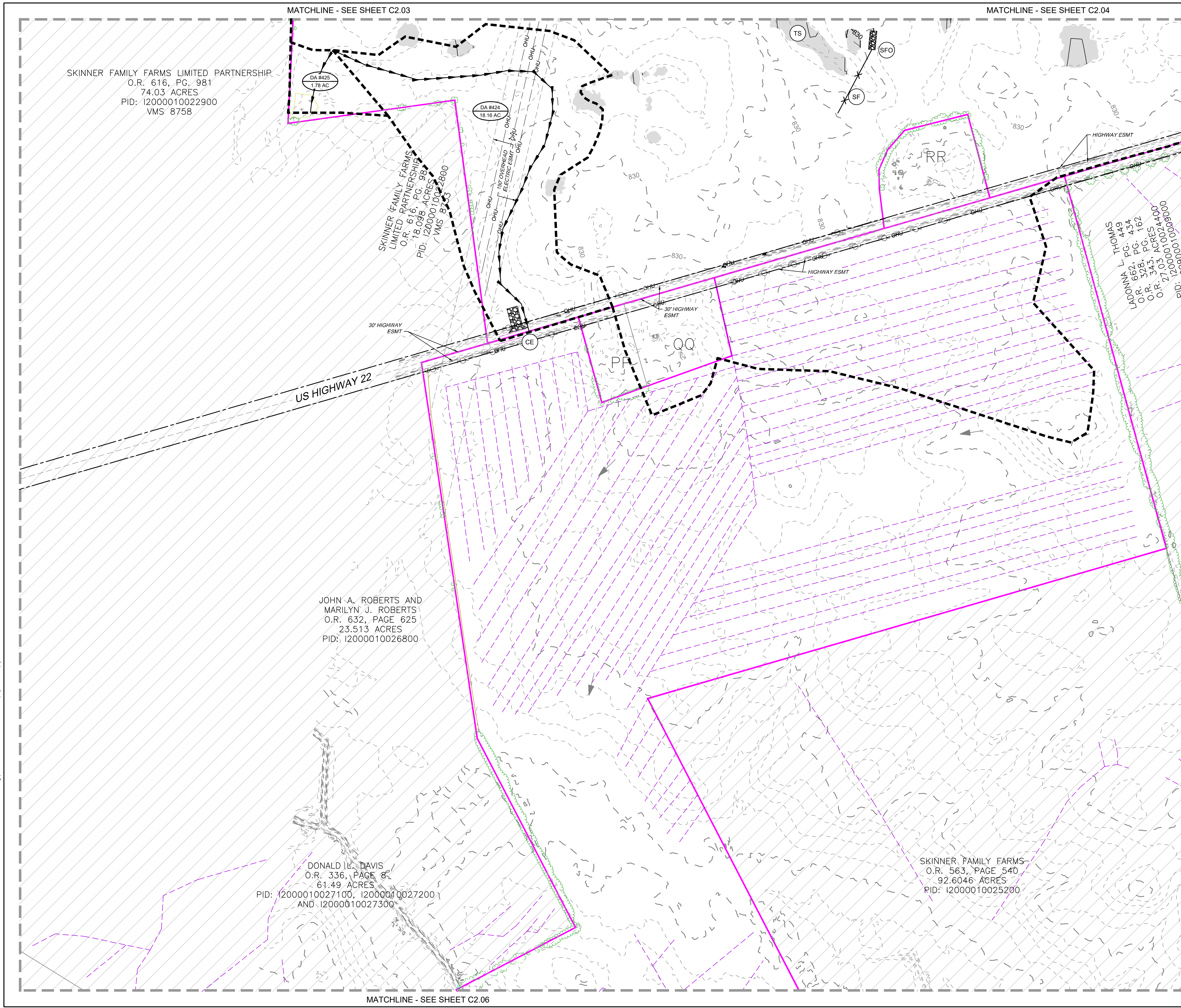
REVISIONS	
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B	07/15/22 30% PLANS ISSUE
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DRAWING DESCRIPTION

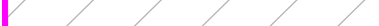

















EROSION CONTROL PLAN - PHASE I

PLANS PRINTED AS 11x17 ARE HALF SCALE


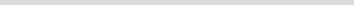
SCALE	SHEET NUMBER
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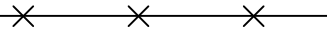



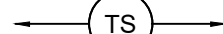






EXISTING LEGEND


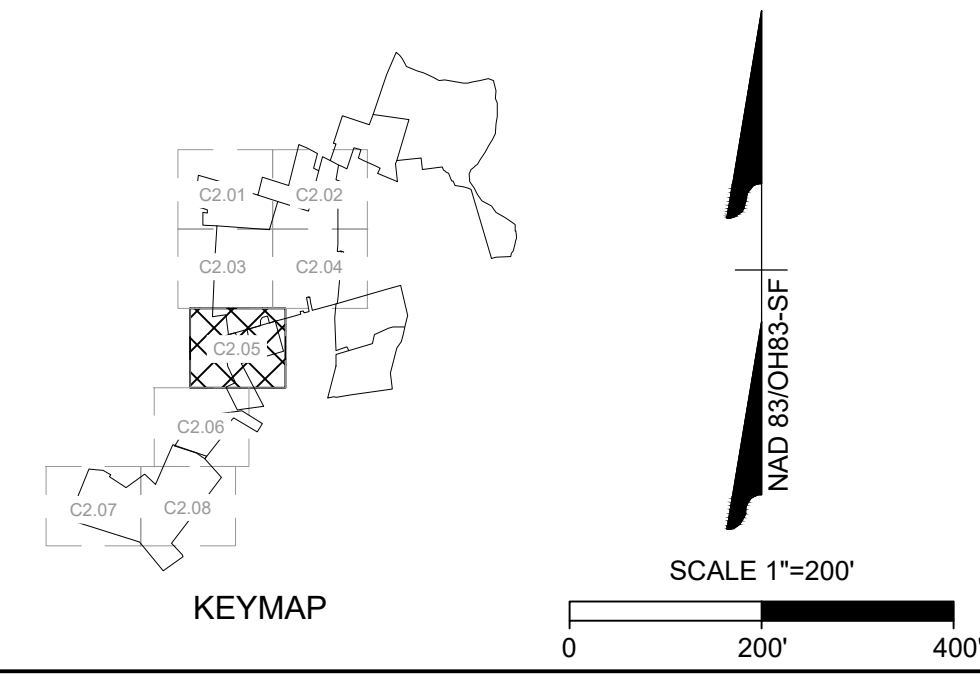
	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINING LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	TREE LINE
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH
	MINOR CONTOUR
	MAJOR CONTOUR

PROPOSED LEGEND

	LIMITS OF DISTURBANCE FOR GRADED AREA
	PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)		SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)		TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
		DRAINAGE AREA LABEL

- NOTES:
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 4. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 5. CONTRACTOR TO RESEED OR MULCH ANY DISTURBED AREAS AS SOON AS POSSIBLE AND IN COMPLIANCE WITH OHIO EPA SPECIFICATIONS DEPENDING ON DATE OF STABILIZATION.
 6. EXISTING DRAIN TILE TO BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.



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CLIENT

**DEPCOM
POWER®**

9185 E PIMA CENTER PARKWAY #100
SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS
SOLAR
PICKAWAY COUNTY, OHIO

DATE	7/29/2022
PROJECT NUMBER	45488.026
PROJECT NAME	ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY	J. SQUYRES / N. HOGYE

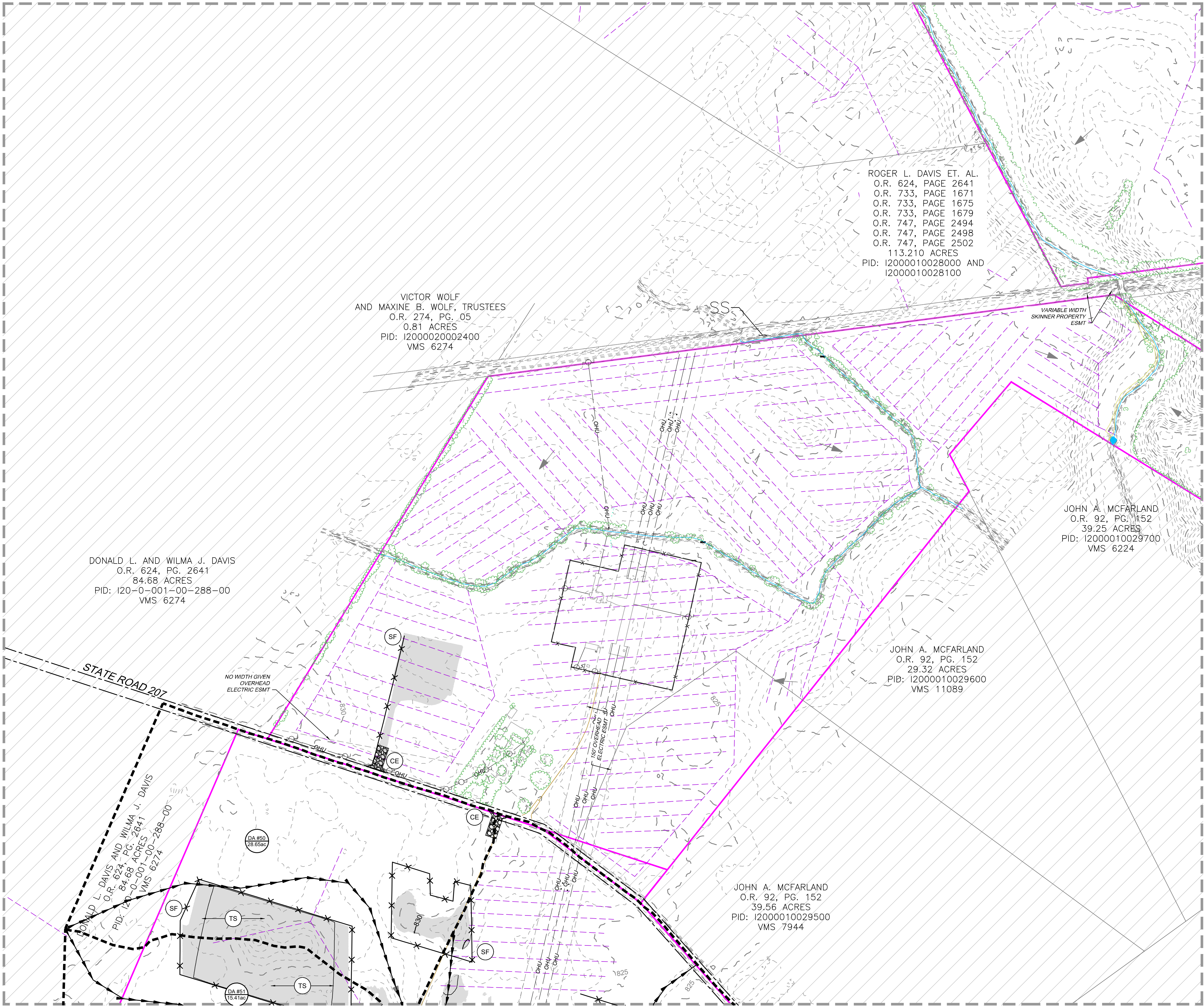
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REVISIONS	
#	DESCRIPTION
A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	
Q	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	

DRAWING DESCRIPTION	
<p>EROSION CONTROL PLAN - PHASE I</p>	
PLANS PRINTED AS 11x17 ARE HALF SCALE	
SCALE	SHEET NUMBER
1"=200'	C2.05

Y:\351145488.026 - Atlanta Farms Solar DWG\CIVIL\Sheet\CD\45488.026-PH1 EROSION.dwg | Plotted on 7/29/2022 12:21 PM | by Jared Squyres

MATCHLINE - SEE SHEET C2.05



MATCHLINE - SEE SHEET C2.08

EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED LEGEND

- LIMITS OF DISTURBANCE FOR GRADED AREA
- PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)	[Symbol]	SILT FENCE OUTLET
(CE)	[Symbol]	CONSTRUCTION ENTRANCE
(ST)	[Symbol]	TEMPORARY SEDIMENT TRAP
(TS)	(TS)	TEMPORARY SEEDING
(CIP)	[Symbol]	CULVERT INLET PROTECTION
	[Symbol]	Basin Time of Concentration Path
	[Symbol]	DRAINAGE AREA DIVIDE
	(IDEN AC)	DRAINAGE AREA LABEL

- NOTES:
- CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
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SCALE 1"=200'

0 200' 400'

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9185 E PIMA CENTER PARKWAY #100
SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022

PROJECT NUMBER: 45488.026

PROJECT NAME: ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

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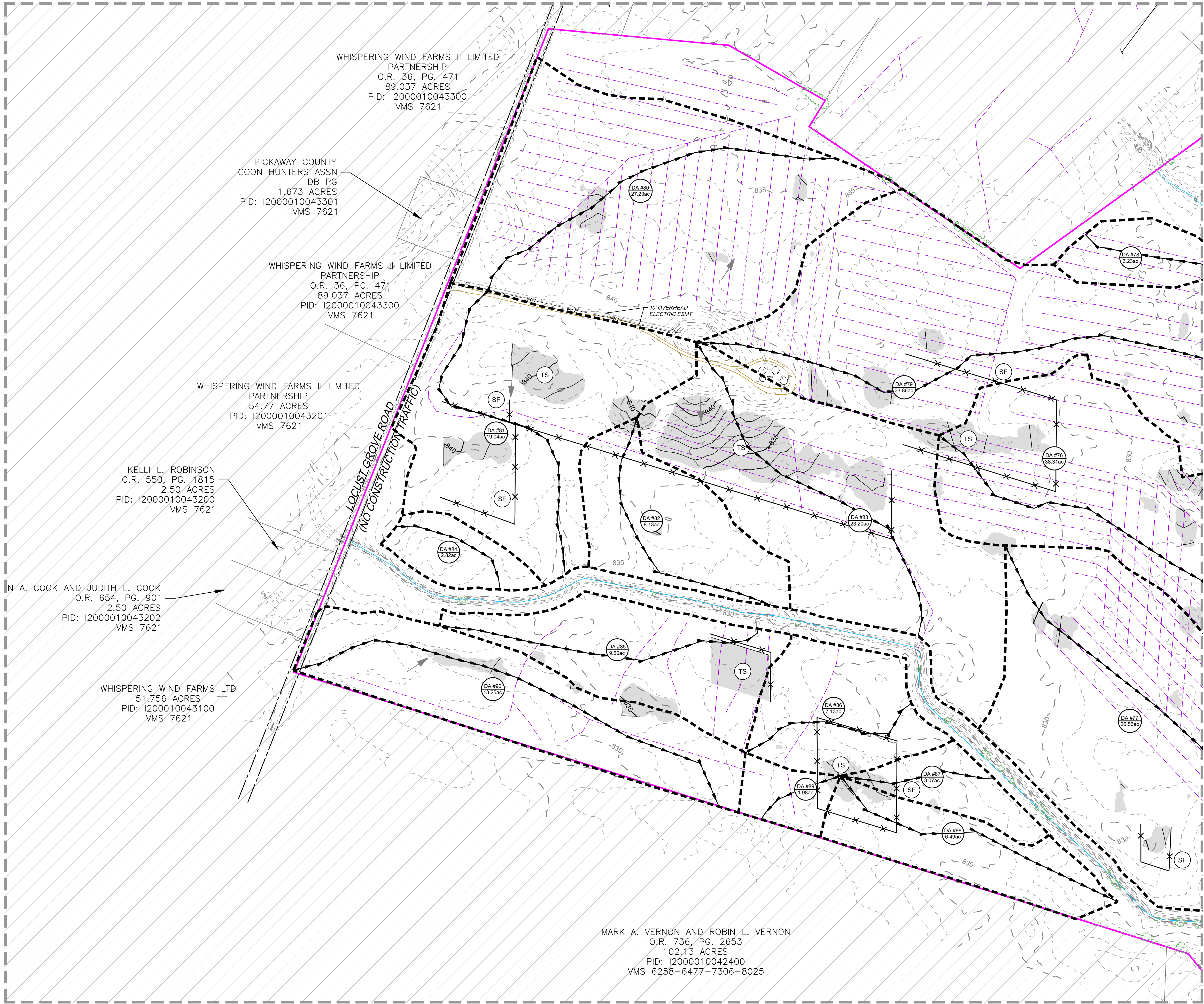
DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE I

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C2.06

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EXISTING LEGEND

[Symbol]	OUTSIDE OF PROJECT BOUNDARY
[Symbol]	PARCEL ADJOINER LINE
[Symbol]	ASPHALT ROAD
[Symbol]	GRAVEL ROAD
[Symbol]	DIRT ROAD
[Symbol]	RIGHT-OF-WAY
[Symbol]	EASEMENT
[Symbol]	OVERHEAD ELECTRIC LINE
[Symbol]	FENCE LINE
[Symbol]	DRAIN TILE
[Symbol]	WATERBODY AND STREAMLINES
[Symbol]	TREE LINE
[Symbol]	100 YEAR FLOODPLAIN
[Symbol]	DELINEATED WETLANDS
[Symbol]	UTILITY POLE
[Symbol]	EXISTING DRAINAGE FLOW PATH
[Symbol]	MINOR CONTOUR
[Symbol]	MAJOR CONTOUR

PROPOSED LEGEND

[Symbol]	LIMITS OF DISTURBANCE FOR GRADED AREA
[Symbol]	PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	[Symbol]	SILT FENCE
(SFO)	[Symbol]	SILT FENCE OUTLET
(CE)	[Symbol]	CONSTRUCTION ENTRANCE
(ST)	[Symbol]	TEMPORARY SEDIMENT TRAP
(TS)	[Symbol]	TEMPORARY SEEDING
(CIP)	[Symbol]	CULVERT INLET PROTECTION
	[Symbol]	BASIN TIME OF CONCENTRATION PATH
	[Symbol]	DRAINAGE AREA DIVIDE
	(IDEN AC)	DRAINAGE AREA LABEL

- NOTES:
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KEYMAP

SCALE 1"=200'

1"=200'

C2.07

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SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE: 7/29/2022

PROJECT NUMBER: 45488.026

PROJECT NAME: ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

STATE OF OHIO

JARED A. SQUYRES

E-55886

7/29/2022

REGISTERED PROFESSIONAL ENGINEER

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DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE I

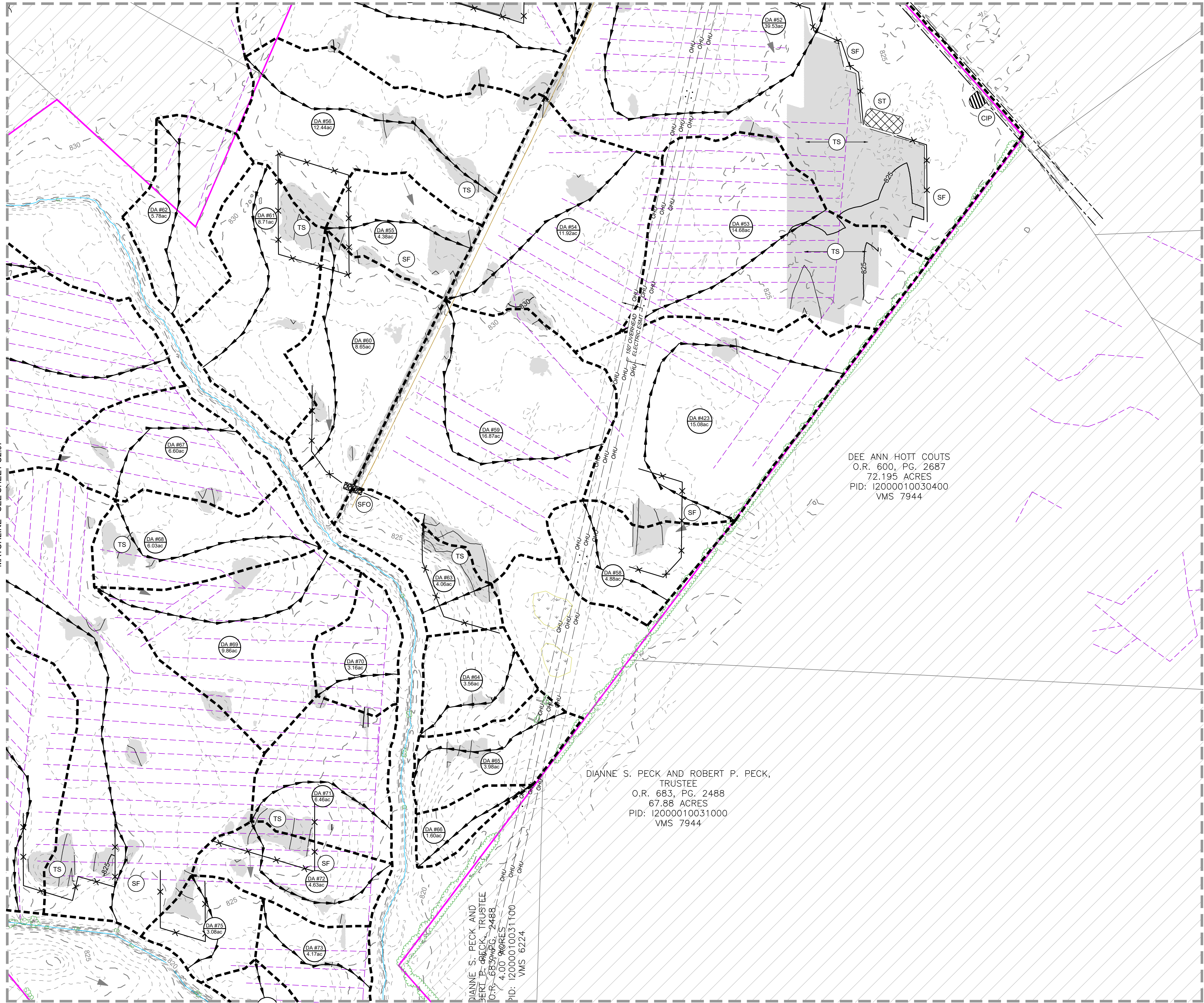
PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C2.07

Y:\351145488.026 - Atlanta Farms Solar DWG\CIVIL\Sheet\CD\45488.026-PH1 EROSION.dwg | Plotted on 7/29/2022 12:22 PM | by Jared Squyres

MATCHLINE - SEE SHEET C2.07

MATCHLINE - SEE SHEET C2.06



DEE ANN HOTT COUTS
O.R. 600, PG. 2687
72.195 ACRES
PID: 12000010030400
VMS 7944

DIANNE S. PECK AND ROBERT P. PECK,
TRUSTEE
O.R. 683, PG. 2488
67.88 ACRES
PID: 12000010031000
VMS 7944

DIANNE S. PECK AND
ROBERT P. PECK, TRUSTEE
O.R. 683, PG. 2488
4.00 ACRES
PID: 12000010031100
VMS 6224

EXISTING LEGEND

	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINER LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	TREE LINE
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH
	MINOR CONTOUR
	MAJOR CONTOUR

PROPOSED LEGEND

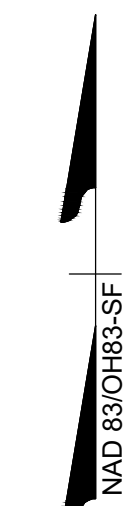
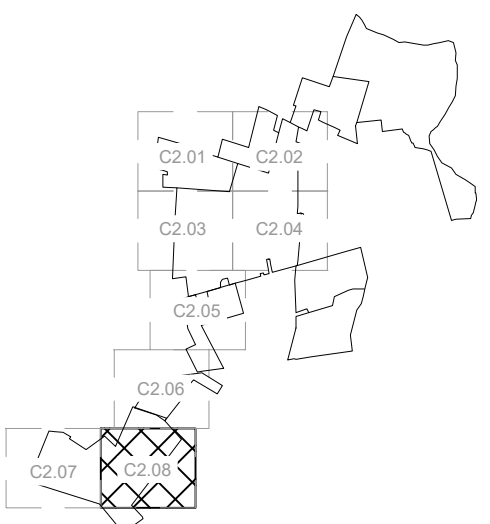
	LIMITS OF DISTURBANCE FOR GRADED AREA
	PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)		SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)		TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
		DRAINAGE AREA LABEL

NOTES:

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SCALE 1"=200'

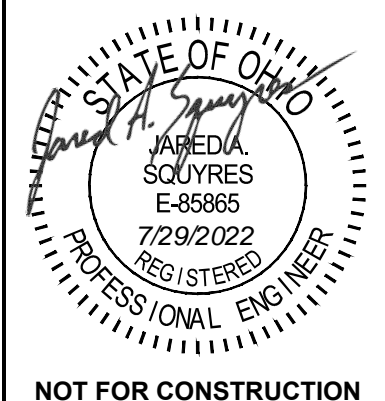
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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



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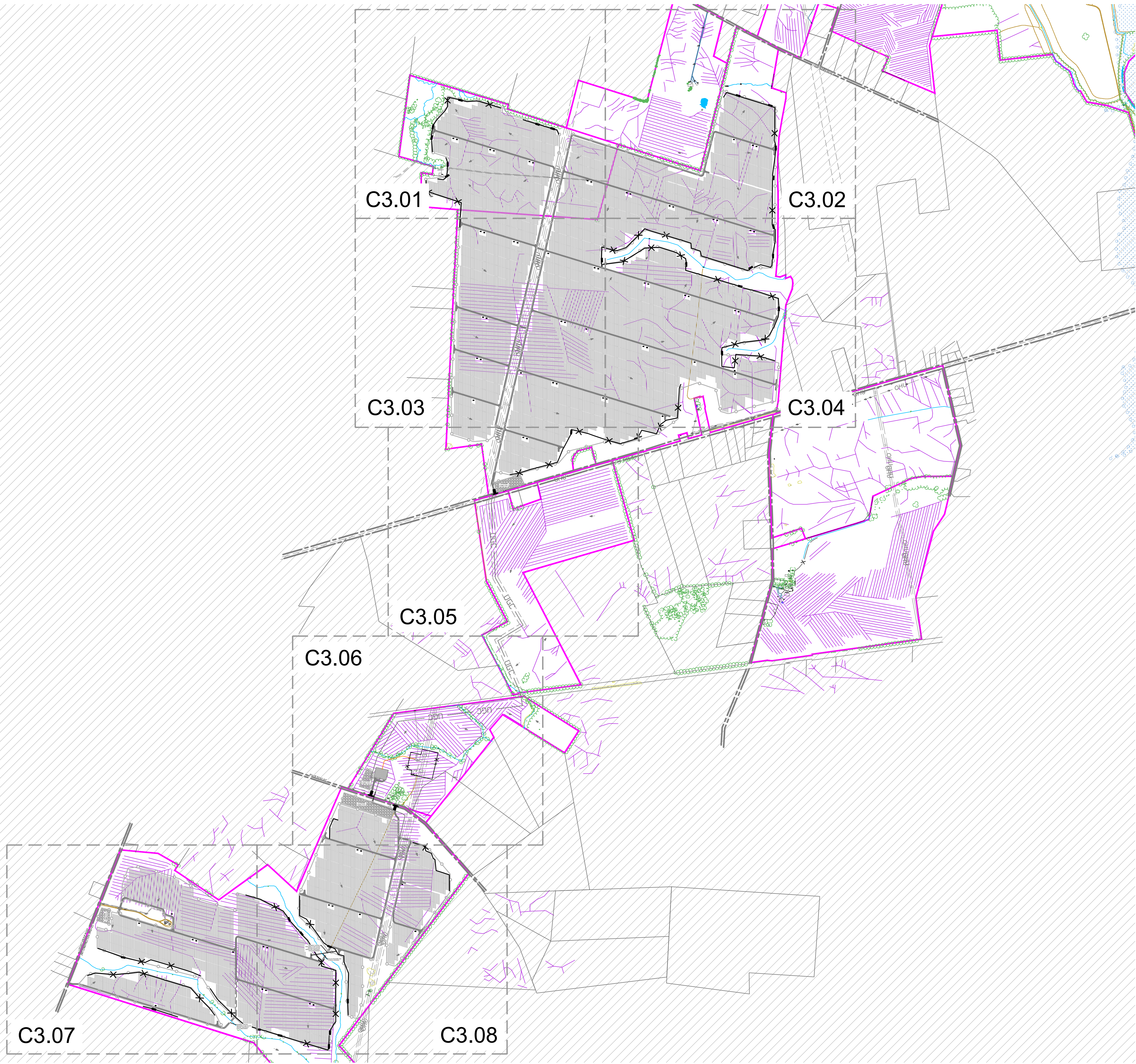
REVISIONS	
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A	07/08/22 PROGRESS SET
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DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE I

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE: 1"=200' SHEET NUMBER: C2.08

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OUTSIDE OF PROJECT BOUNDARY

PARCEL ADJOINER LINE

ASPHALT ROAD

GRAVEL ROAD

DIRT ROAD

RIGHT-OF-WAY

EASEMENT

OHU

OVERHEAD ELECTRIC LINE

X

FENCE LINE

DRAIN TILE

WATERBODY AND STREAMLINES

TREE LINE

100 YEAR FLOODPLAIN

DELINEATED WETLANDS

UTILITY POLE

EXISTING DRAINAGE FLOW PATH

MINOR CONTOUR

1210

MAJOR CONTOUR

PERMANENT FENCE

TRACKER

18' PRIMARY ACCESS ROAD

18' TEMPORARY ACCESS ROAD

ATI MOTOR AND DRIVELINE

INVERTER LOCATION

UGC

COLLECTION LINE

GATE LOCATION

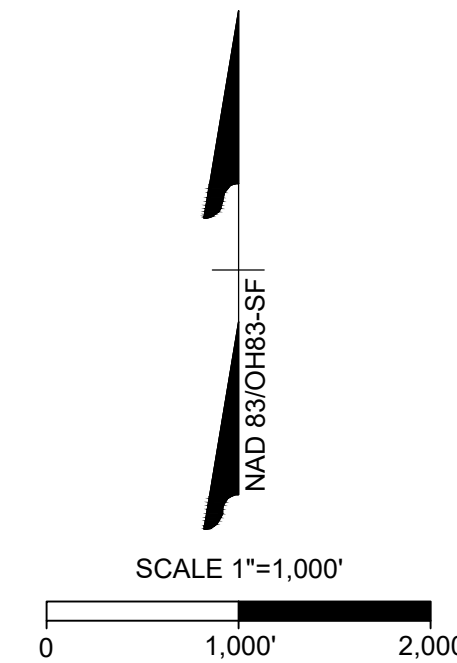
DRIVEWAY ACCESS

1210

PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)	TS	TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
	IDEN AC	DRAINAGE AREA LABEL



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CLIENT

DEPCOM POWER

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SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE

7/29/2022

PROJECT NUMBER

45488.026

PROJECT NAME

ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY

J. SQUYRES / N. HOGYE

STATE OF OHIO

JARIEDA SQUYRES

E-85886

7/29/2022

REGISTERED PROFESSIONAL ENGINEER

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DRAWING DESCRIPTION

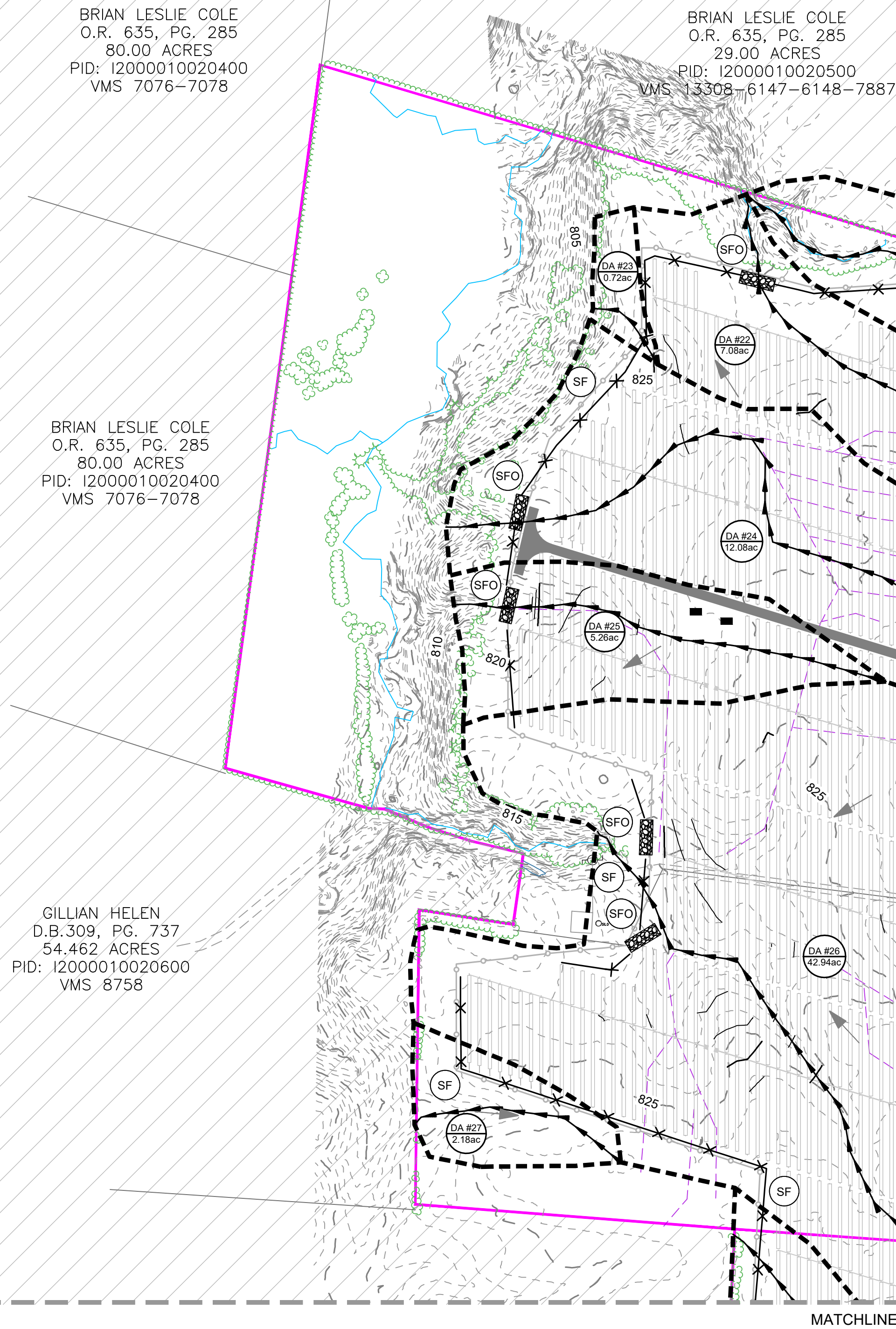
OVERALL EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE SHEET NUMBER

1"=1000' C3.00

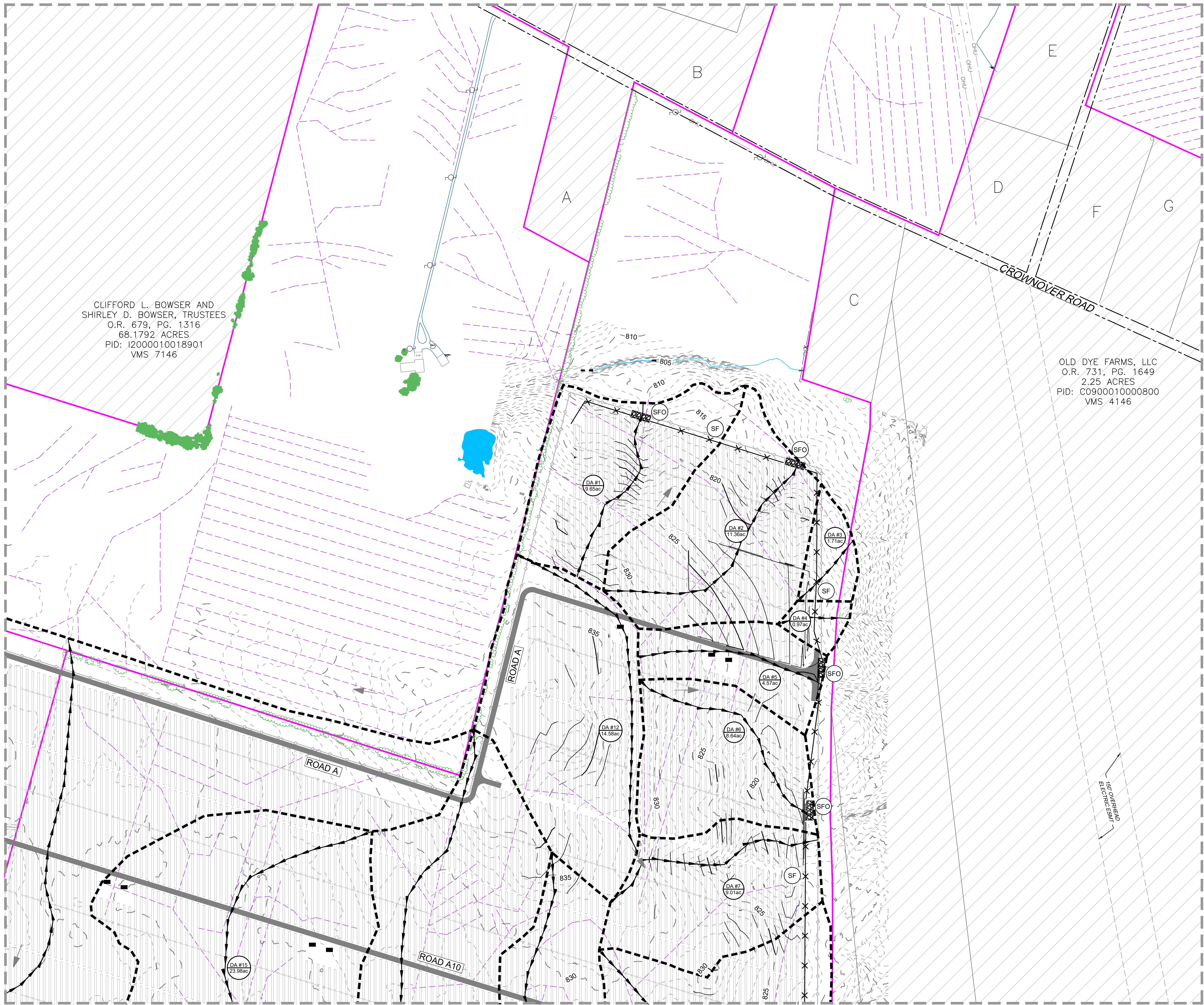
Y:\351145488.026 - Atlanta Farms Solar DWG\Civil\Sheet\CD\45488.026-PH2 EROSION.dwg | Plotted on 7/29/2022 12:25 PM | by Jared Squyres



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MATCHLINE - SEE SHEET C3.01

MATCHLINE - SEE SHEET C3.04



CLIFFORD L. BOWSER AND
SHIRLEY D. BOWSER, TRUSTEES
O.R. 679, PG. 1316
68.1792 ACRES
PID: J2000010018901
VMS 7146

OLD DYE FARMS, LLC
O.R. 731, PG. 1649
2.25 ACRES
PID: C0900010000800
VMS 4146

EXISTING LEGEND

	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINER LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	TREE LINE
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH
	MINOR CONTOUR
	MAJOR CONTOUR

PROPOSED LEGEND

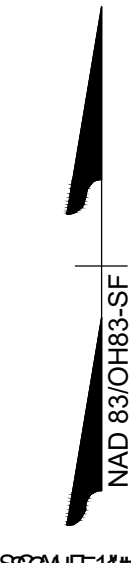
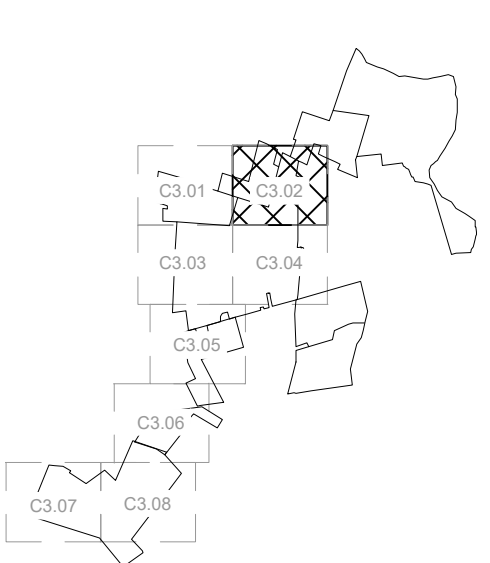
	PERMANENT FENCE
	TRACKER
	18' PRIMARY ACCESS ROAD
	18' TEMPORARY ACCESS ROAD
	ATI MOTOR AND DRIVELINE
	INVERTER LOCATION
	COLLECTION LINE
	GATE LOCATION
	DRIVEWAY ACCESS
	PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)		SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)		TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
		DRAINAGE AREA LABEL

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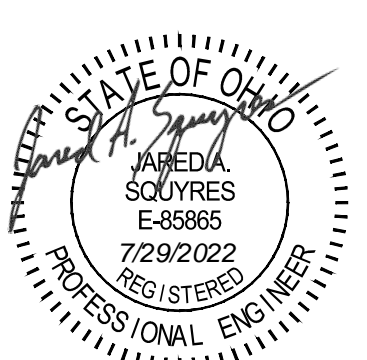
SCALE: 1"=200'
0 12000' 24000'

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PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



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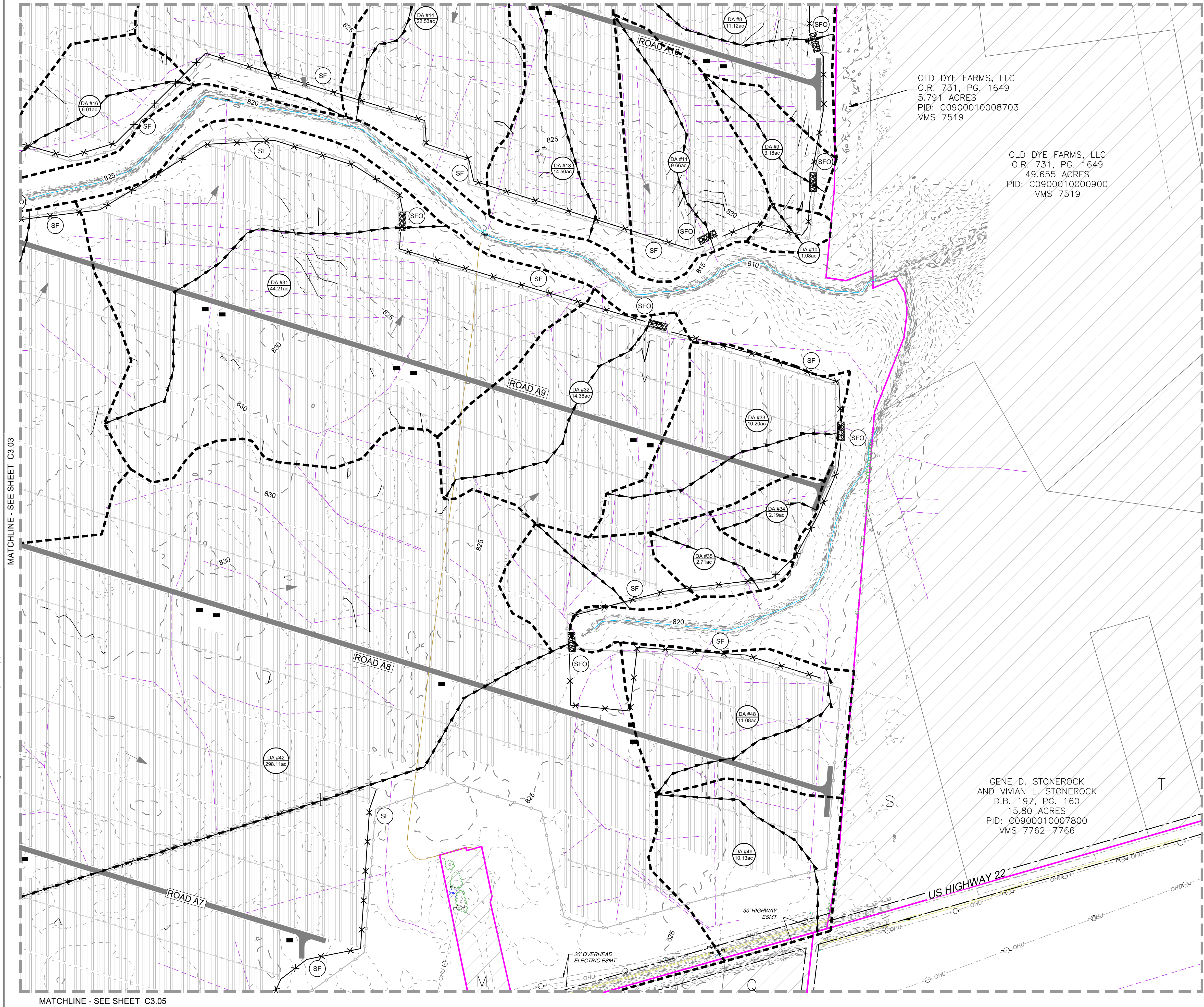
EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE: 1"=200' SHEET NUMBER: C3.02

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MATCHLINE - SEE SHEET C3.03

MATCHLINE - SEE SHEET C3.02



MATCHLINE - SEE SHEET C3.05

OLD DYE FARMS, LLC
O.R. 731, PG. 1649
5.791 ACRES
PID: C0900010008703
VMS 7519

OLD DYE FARMS, LLC
O.R. 731, PG. 1649
49.655 ACRES
PID: C0900010000900
VMS 7519

GENE D. STONEROCK
AND VIVIAN L. STONEROCK
D.B. 197, PG. 160
15.80 ACRES
PID: C0900010007800
VMS 7762-7766

EXISTING LEGEND

	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINER LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	TREE LINE
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH
	MINOR CONTOUR
	MAJOR CONTOUR

PROPOSED LEGEND

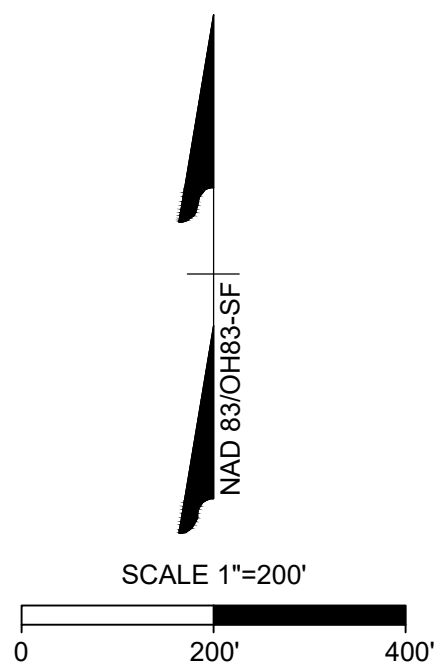
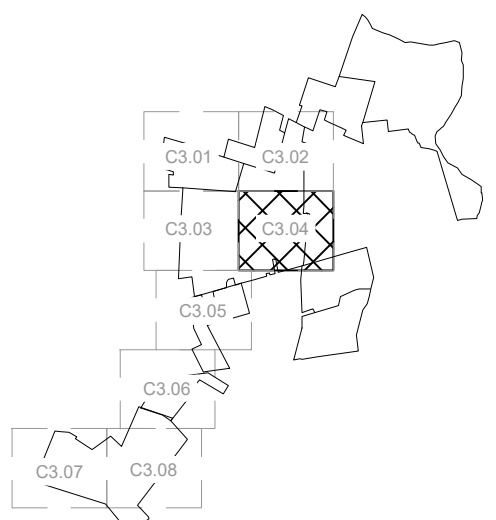
	PERMANENT FENCE
	TRACKER
	18' PRIMARY ACCESS ROAD
	18' TEMPORARY ACCESS ROAD
	ATI MOTOR AND DRIVELINE
	INVERTER LOCATION
	COLLECTION LINE
	GATE LOCATION
	DRIVEWAY ACCESS
	PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
(TS)		TEMPORARY SEEDING
(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
	(IDEN AC)	DRAINAGE AREA LABEL

NOTES:

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- SITE PREPARATION INCLUDES BUT NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
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- EXISTING DRAIN TILE TO BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.

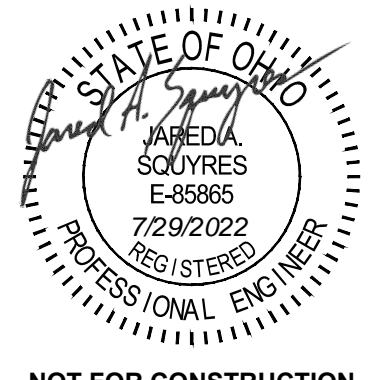


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DEPCOM POWER
9185 E PIMA CENTER PARKWAY #100
SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



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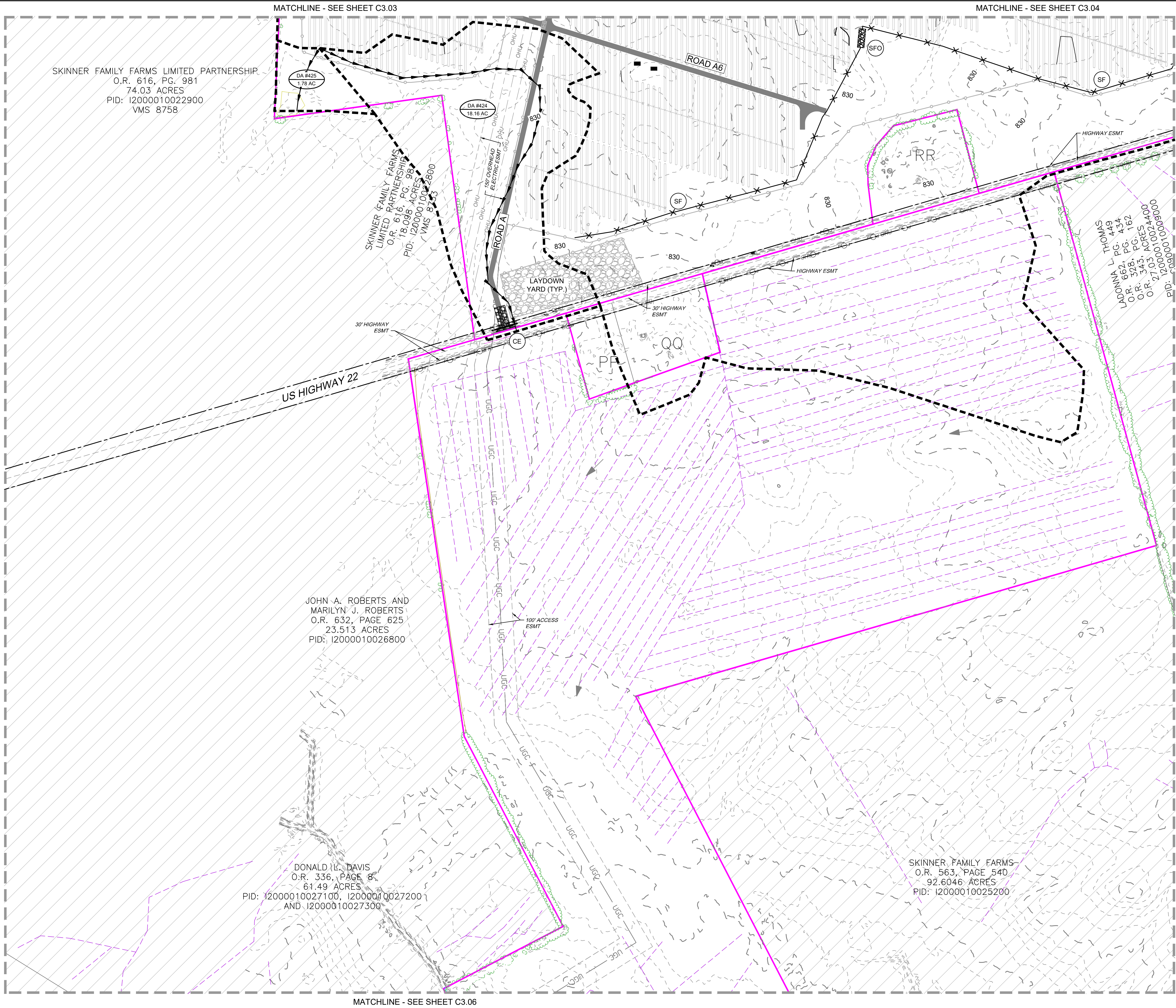
REVISED	DESCRIPTION
A 07/08/22	PROGRESS SET
B 07/15/22	30% PLANS ISSUE
C 07/22/22	60% PLANS ISSUE
D 07/29/22	90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE: 1"=200'
SHEET NUMBER: C3.04

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OUTSIDE OF PROJECT BOUNDARY

PARCEL ADJOINER LINE

ASPHALT ROAD

GRAVEL ROAD

DIRT ROAD

RIGHT-OF-WAY

EASEMENT

OHU

OVERHEAD ELECTRIC LINE

X

FENCE LINE

DRAIN TILE

WATERBODY AND STREAMLINES

TREE LINE

100 YEAR FLOODPLAIN

DELINEATED WETLANDS

UTILITY POLE

EXISTING DRAINAGE FLOW PATH

MINOR CONTOUR

MAJOR CONTOUR

PERMANENT FENCE

TRACKER

18' PRIMARY ACCESS ROAD

18' TEMPORARY ACCESS ROAD

ATI MOTOR AND DRIVELINE

INVERTER LOCATION

UGC

UGC

COLLECTION LINE

GATE LOCATION

DRIVEWAY ACCESS

PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
(ST)		TEMPORARY SEDIMENT TRAP
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(CIP)		CULVERT INLET PROTECTION
		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
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KEYMAP

SCALE 1"=200'

1"=200'

400'

STATE OF OHIO

JARED A. SQUYRES

E-55886

7/29/2022

REGISTERED

PROFESSIONAL ENGINEER

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EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C3.05

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CLIENT

DEPCOM POWER

9185 E PIMA CENTER PARKWAY #100

SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE

7/29/2022

PROJECT NUMBER

45488.026

PROJECT NAME

ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY

J. SQUYRES / N. HOGYE

STATE OF OHIO

JARED A. SQUYRES

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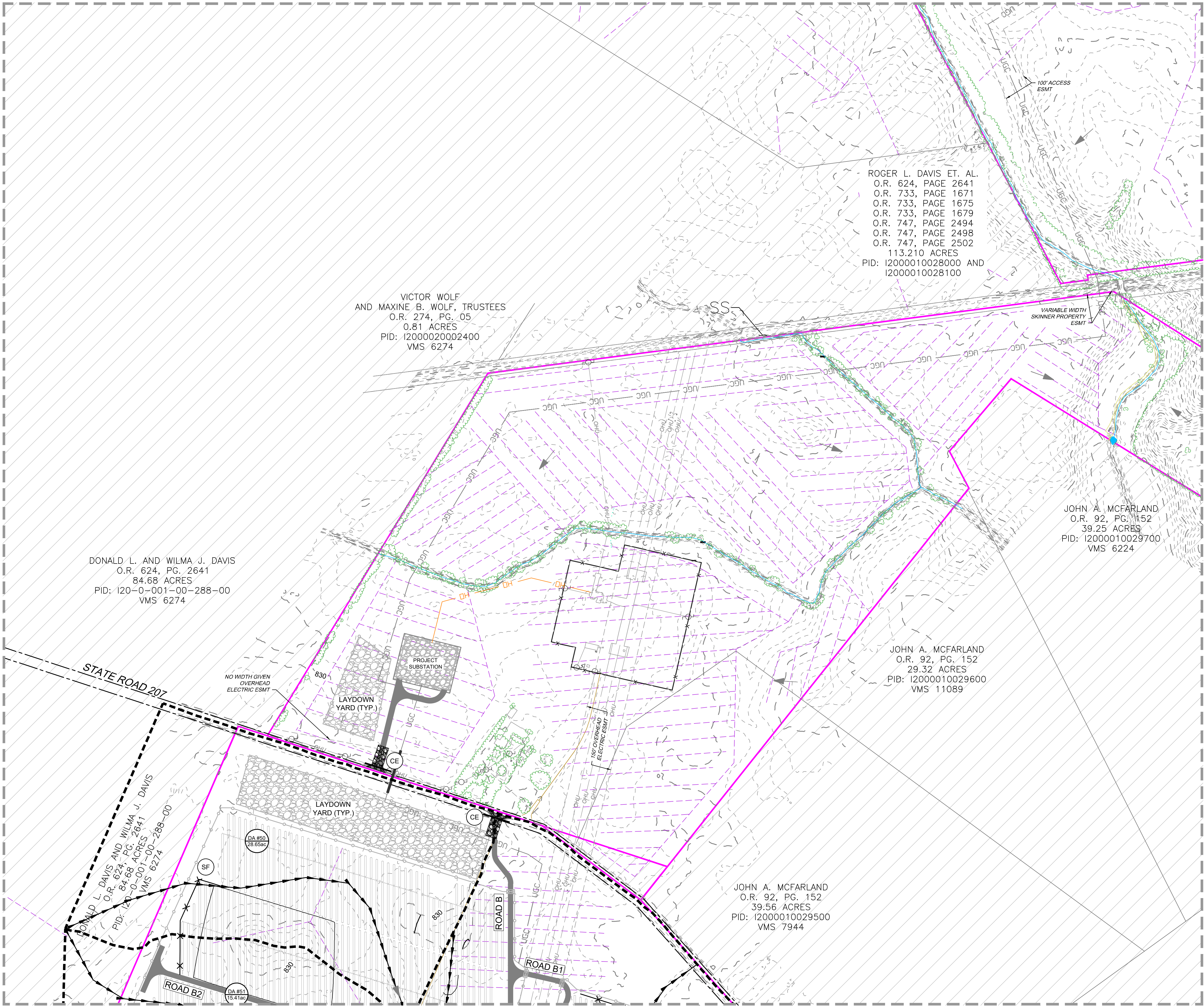
EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C3.05

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MATCHLINE - SEE SHEET C3.05



MATCHLINE - SEE SHEET C3.08

EXISTING LEGEND

	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINER LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	TREE LINE
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH
	MINOR CONTOUR
	MAJOR CONTOUR

PROPOSED LEGEND

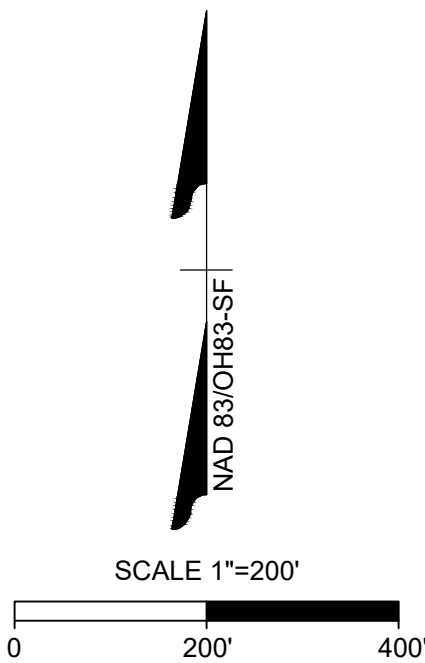
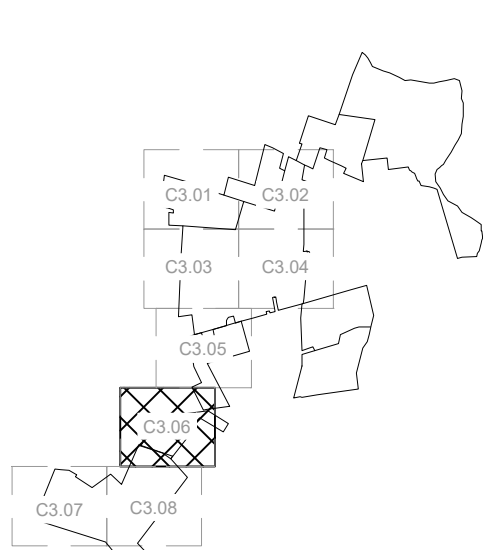
	PERMANENT FENCE
	TRACKER
	18' PRIMARY ACCESS ROAD
	18' TEMPORARY ACCESS ROAD
	ATI MOTOR AND DRIVELINE
	INVERTER LOCATION
	COLLECTION LINE
	GATE LOCATION
	DRIVEWAY ACCESS
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EROSION CONTROL LEGEND

LABEL	SYMBOL	STANDARD NAME
(SF)		SILT FENCE
(SFO)		SILT FENCE OUTLET
(CE)		CONSTRUCTION ENTRANCE
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		BASIN TIME OF CONCENTRATION PATH
		DRAINAGE AREA DIVIDE
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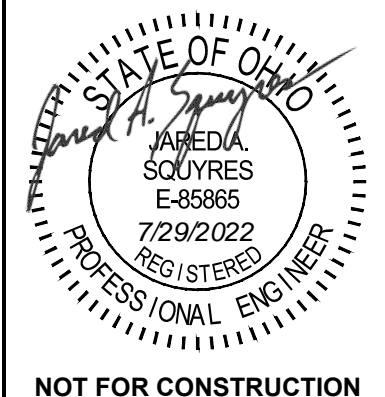
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ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



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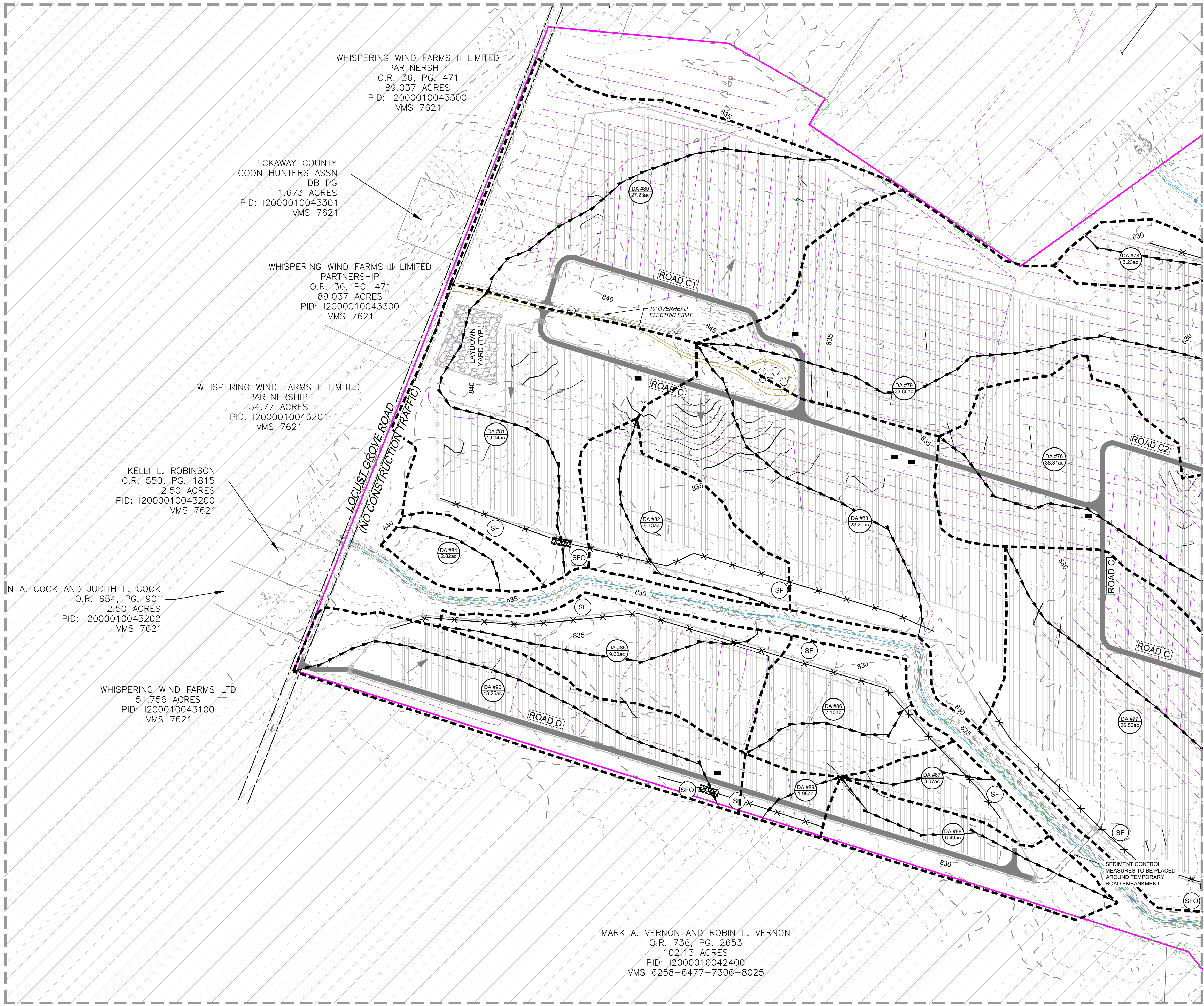
REVISIONS	DESCRIPTION
A	7/29/22 PROGRESS SET
B	7/29/22 30% PLANS ISSUE
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D	7/29/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

EROSION CONTROL PLAN - PHASE II

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE: 1"=200'
SHEET NUMBER: C3.06

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EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED LEGEND

- PERMANENT FENCE
- TRACKER
- 18' PRIMARY ACCESS ROAD
- 18' TEMPORARY ACCESS ROAD
- ATI MOTOR AND DRIVELINE
- INVERTER LOCATION
- COLLECTION LINE
- GATE LOCATION
- DRIVEWAY ACCESS
- PROPOSED 1' CONTOUR

EROSION CONTROL LEGEND		
LABEL	SYMBOL	STANDARD NAME
(SF)	X X X	SILT FENCE
(SFO)	[Symbol]	SILT FENCE OUTLET
(CE)	[Symbol]	CONSTRUCTION ENTRANCE
(ST)	[Symbol]	TEMPORARY SEDIMENT TRAP
(TS)	[Symbol]	TEMPORARY SEEDING
(CIP)	[Symbol]	CULVERT INLET PROTECTION
	[Symbol]	Basin Time of Concentration Path
	[Symbol]	DRAINAGE AREA DIVIDE
	(DA #80)	DRAINAGE AREA LABEL

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SCALE 1"=200'

0 200' 400'

EROSION CONTROL PLAN - PHASE II

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EROSION CONTROL PLAN - PHASE II

PLANS SQUYRES AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C3.07

MINIMUM STANDARDS:

AN EROSION AND SEDIMENT CONTROL PROGRAM ADOPTED BY A DISTRICT OR LOCALITY MUST BE CONSISTENT WITH THE FOLLOWING CRITERIA, TECHNIQUES AND METHODS:

- MS-1. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
- MS-2. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES AND BORROW AREAS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS BORROW AREAS AND SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
- MS-3. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
- MS-4. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.
- MS-5. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
- MS-6. SEDIMENT TRAPS AND SEDIMENT BASINS SHALL BE DESIGNED AND CONSTRUCTED BASED UPON THE TOTAL DRAINAGE AREA TO BE SERVED BY THE TRAP OR BASIN.

A. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT TRAP SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA AND THE TRAP SHALL ONLY CONTROL DRAINAGE AREAS LESS THAN THREE ACRES.

B. SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED BY A SEDIMENT BASIN. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT BASIN SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA. THE OUTFALL SYSTEM SHALL, AT A MINIMUM, MAINTAIN THE STRUCTURAL INTEGRITY OF THE BASIN DURING A 25-YEAR STORM OF 24-HOUR DURATION. RUNOFF COEFFICIENTS USED IN RUNOFF CALCULATIONS SHALL CORRESPOND TO A BARE EARTH CONDITION OR THOSE CONDITIONS EXPECTED TO EXIST WHILE THE SEDIMENT BASIN IS UTILIZED.
- MS-7. CUT AND FILL SLOPES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY WITHIN ONE YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES UNTIL THE PROBLEM IS CORRECTED.
- MS-8. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.
- MS-9. WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.
- MS-10. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- MS-11. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
- MS-12. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS.
- MS-13. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY VEHICULAR STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED.
- MS-14. ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET.
- MS-15. THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.
- MS-16. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:

A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.

B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.

C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.

D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.

E. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.

F. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
- MS-17. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL DEVELOPMENT LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.
- MS-18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
- MS-19. PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION.

WATER QUALITY/EROSION CONTROL NARRATIVE:

PROJECT DESCRIPTION:
THE PROPOSED DEVELOPMENT IS A UTILITY SCALE SOLAR FARM. THE PROJECT AREA IS IN PICKAWAY COUNTY, OHIO WEST OF WILLIAMSPORT TOWN, APPROXIMATELY 25 MILES SOUTH OF COLUMBUS, OHIO ALONG STATE HIGHWAY 23, 10 MILES WEST OF CIRCLEVILLE, OHIO ALONG STATE HIGHWAY 22. SOLAR PANELS, INVERTERS, FENCING, AND GRAVEL ROAD WILL BE INSTALLED. THE TOTAL PARCEL BOUNDARY IS 3,148± AC. THE TOTAL PROJECT LIMITS OF DISTURBANCE WILL BE 272 AC.

EXISTING SITE CONDITIONS:
THE SITE HAS HISTORICALLY BEEN USED FOR AGRICULTURAL AND SILVICULTURAL PRACTICES. THE EXISTING TERRAIN WITHIN THE PROJECT BOUNDARY HAS AN AVERAGE SLOPE OF 2%. THE EXISTING CONDITIONS PROVIDE A WELL-DRAINED SITE SHOWING VERY LITTLE PONDING AND CONVEYING WATER RUNOFF THROUGH EXISTING NATURAL CHANNELS.

ADJACENT AREAS:
THE SITE IS MAINLY BORDERED BY AGRICULTURAL AND PROPERTIES.

OFFSITE AREAS:
NO OFF SITE AREA WILL BE AFFECTED BY THIS PROJECT.

SOILS:
SOILS ARE AS SHOWN BELOW:

-CORWIN SILT LOAM, 0 TO 2 PERCENT SLOPES
-CORWIN SILT LOAM, 2 TO 6 PERCENT SLOPES
-CROSBY SILT LOAM, SOUTHERN OHIO TILL PLAIN, 0 TO 2 PERCENT SLOPES
-ELDEAN LOAM, 2 TO 6 PERCENT SLOPES
-GENESEE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
-KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
-MIAMIAN SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED
-MIAMIAN CLAY LOAM, SHALLOW TO DENSE TILL SUBSTRATUM, 6 TO 12 PERCENT
-MIAMIAN-KENDALLVILLE SILT LOAMS, 2 TO 6 PERCENT SLOPES
-MIAMIAN-KENDALLVILLE SILT LOAMS, 6 TO 12 PERCENT SLOPES, ERODED
-MIAMIAN-LEWISBURG SILT LOAMS, 0 TO 2 PERCENT SLOPES
-MIAMIAN-LEWISBURG SILT LOAMS, 2 TO 6 PERCENT SLOPES
-ROSS LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
-WEA SILT LOAM, 0 TO 2 PERCENT SLOPES

CRITICAL AREAS:

EROSION CONTROL MEASURES WILL BE USED TO CONTROL SEDIMENT LOSS AND PREVENT EROSION IMPACTS TO THE NEIGHBORING WETLANDS AND STREAMS. THE WETLANDS AND STREAMS ARE PROHIBITED FROM BEING DISTURBED. THERE ARE ALSO STEEP SLOPES PRESENT AND ADDITIONAL PRECAUTIONS MAY BE NEEDED WHEN WORKING IN THESE AREAS.

EROSION AND SEDIMENT CONTROL MEASURES:

- A STONE CONSTRUCTION ENTRANCE WILL BE INSTALLED TO PREVENT SEDIMENT FROM BEING TRACKED INTO THE RIGHT OF WAY.
- SILT FENCE AND SUPER SILT FENCE WILL BE INSTALLED AROUND ALL SENSITIVE ENVIRONMENTAL FEATURES AT THE PERIMETER OF LAND DISTURBANCE WHICH WILL SERVE AS THE FINAL CONTROL TO FILTER AND CLEAN ANY RUNOFF FROM THE PROJECT AREA NOT CONTAINED BY UPSTREAM MEASURES.
- TEMPORARY SEDIMENT BASINS OR TRAPS ARE USED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DRAINAGE AREAS.
- CHECK DAMS ARE TO BE INSTALLED EVERY 200' IN THE DIVERSION CHANNELS TO FURTHER CONTROL VELOCITY, RIP RAP ARMORING IS TO BE USED ON DOWNSLOPE SIDE OF CHECK DAMS IF DRAINAGE AREA TO THE CHECK DAM IS GREATER THAN 2 ACRES.
- TEMPORARY SEEDING SHALL BE USED TO QUICKLY STABILIZE ALL DISTURBED AREAS AS SOON AS FEASIBLE AFTER GRADING AND PREFERABLY PRIOR TO THE PLACEMENT OF ANY SOLAR EQUIPMENT. TEMPORARY SEEDING WILL BE APPLIED TO ALL AREAS THAT REMAIN DORMANT GREATER THAN 14 DAYS.
- PERMANENT SEEDING WILL BE USED TO ESTABLISH PERENNIAL VEGETATIVE COVER ON ALL DISTURBED AREAS AT FINAL GRADE WITHIN 7 DAYS. OVER SEED AS NECESSARY. ESTABLISHING AND MAINTAINING GOOD STABILIZATION COVER IS THE KEY TO CONTROLLING EROSION AND SEDIMENT DISCHARGE.
- DIVERSIONS ARE USED TO REDUCE SLOPE LENGTH AND TO INTERCEPT AND DIVERT STORMWATER RUNOFF TO STABILIZED OUTLETS AT NON-EROSIVE VELOCITIES.
- EROSION CONTROL MATTING/LINER IS USED TO PROTECT YOUNG VEGETATION AND PROMOTE ITS ESTABLISHMENT. IN ADDITION, SOIL STABILIZATION MATTING INCREASES THE MAXIMUM PERMISSIBLE VELOCITY OF TURF GRASS STANDS IN CHANNELIZED AREAS AND RESISTS THE FORCES OF EROSION DURING STORM EVENTS.
- CULVERT INLET PROTECTION SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING, ACCUMULATING, OR BEING TRANSFERRED BY A CULVERT AND ASSOCIATED DRAINAGE SYSTEM PRIOR TO STABILIZATION OF DISTURBED PROJECT AREA.
- OUTLET PROTECTION SHALL BE USED TO PREVENT SCOUR AT STORMWATER OUTLETS, TO PROTECT THE OUTLET STRUCTURE, AND TO MINIMIZE THE POTENTIAL FOR DOWNSTREAM EROSION BY REDUCING THE VELOCITY AND ENERGY OF CONCENTRATED STORMWATER FLOWS.

PERMANENT STABILIZATION:
ALL NON-PAVED AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINAL GRADING. SEEDING WILL BE IN ACCORDANCE WITH CHAPTER 7 OF ODNR: RAINWATER AND LAND DEVELOPMENT: OHIO'S STANDARDS FOR STORMWATER MANAGEMENT LAND DEVELOPMENT AND URBAN STREAM PROTECTION. ALL SLOPES STEEPER THAN 3:1 WILL BE LINED WITH MATTING.

STORMWATER RUNOFF CONSIDERATIONS:
WATER QUALITY SHALL BE ACHIEVED THROUGH THE USE OF CONSERVED OPEN SPACE. A LARGE PORTION OF THIS SITE SHALL BE ALLOWED TO REMAIN IN A NATURAL, UNDISTURBED STATE. WATER QUANTITY SHALL BE ACHIEVED THROUGH THE USE OF DETENTION BASINS. WHERE POSSIBLE, ADDITIONAL, UNDISTURBED LAND HAS BEEN LEFT TO SERVE AS A BUFFER TO THE RECEIVING CHANNELS.

CALCULATIONS:
FOR SEDIMENT TRAP CALCULATIONS REFER TO SHEET C4.01.

EROSION CONTROL CONSTRUCTION SEQUENCE

- CONTRACTOR SHALL OBTAIN A COPY OF THE APPROVED EROSION CONTROL PLAN AND MAINTAIN A COPY OF THE PLAN ON SITE FOR THE DURATION OF CONSTRUCTION.
- A PRE-CONSTRUCTION MEETING IS MANDATORY BEFORE ANY WORK IS DONE. CONTRACTOR SHALL NOTIFY THE COUNTY EROSION CONTROL INSPECTOR A MINIMUM OF 48 HOURS BEFORE THE START OF CONSTRUCTION.
- INSTALL CONSTRUCTION ENTRANCE. THESE WILL BE THE ONLY POINTS OF ACCESS DURING CONSTRUCTION.
- INSTALL ALL PERIMETER CONTROL SILT FENCE. CLEAR ONLY THE MINIMUM AMOUNT NECESSARY TO INSTALL ALL PERIMETER MEASURES.
- INSTALL TEMPORARY SEDIMENT TRAPS AND THEIR CORRESPONDING OUTFALL DITCHES AND OUTFALL PROTECTION. SEDIMENT TRAPS SHALL BE FUNCTIONAL PRIOR TO BEGINNING ANY UPSLOPE LAND DISTURBING ACTIVITIES.
- INSTALL BERMS AND DIVERSION CHANNELS, INCLUDING MATTING AND CHECK DAMS, TO DIRECT FLOW INTO THE TRAPS AND BASINS. ALL DITCHES ARE TO BE LINED WITH MATTING UNLESS OTHERWISE SPECIFIED.
- SEED ALL DITCHES IMMEDIATELY.
- CLEAR, GRUB, REMOVE CROPS AND DIRT ROADS FOR ALL REMAINING AREAS AS SHOWN ON THE PLANS.
- GRADE SITE PER PLANS INCLUDING ACCESS ROADS AND LOW WATER CROSSINGS IF REQUIRED. MATERIAL STOCKPILES SHALL BE ENCLOSED ON DOWN-GRADIENT SIDE.
- ALL STRUCTURAL FILL AREAS THAT ARE GRADED PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS SHALL BE DECOMPACTED TO A MINIMUM DEPTH OF 12 INCHES TO PROMOTE INFILTRATION OF STORMWATER. REMOVE ALL LOOSE ROCKS, ROOTS, AND OTHER OBSTRUCTION LEAVING THE SURFACE REASONABLY SMOOTH AND UNIFORM. RESPREAD TOPSOIL OR ORGANIC SOIL AMENDMENTS 3 INCHES DEEP WHERE APPLICABLE.
- INSTALL SOLAR PANELS, SUBSTATION, INVERTERS, ELECTRICAL LINES, AND ACCESS ROADS, PER THE PLANS. INSTALL FENCE AND GATES AS SHOWN ON THE PLANS WHERE NOT IN CONFLICT WITH TEMPORARY EROSION CONTROL MEASURES
- DECOMPACT COMPACTED AREAS TO A DEPTH OF 6 INCHES. REMOVE ALL LOOSE ROCKS, ROOTS, AND OTHER OBSTRUCTION LEAVING THE SURFACE REASONABLY SMOOTH AND UNIFORM.
- APPLY SEED AND MULCH WITHIN 7 DAYS TO ALL DISTURBED AREAS. SEED ON FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH VIA CRIMPING OR TACKIFIER IF CRIMPING IS NOT FEASIBLE. (MULCH APPLIES TO OPEN FIELDS WITH < 85% GROUND COVER AND ALL CLEARED AND GRUBBED SITES.
- INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND IS OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- UPON COMPLETION OF ALL LAND DISTURBING ACTIVITIES AND WITH THE APPROVAL OF THE COUNTY EROSION CONTROL INSPECTOR, REMOVE THE LAYDOWN AREA AND CONSTRUCTION ENTRANCE AND MAKE CONNECTIONS TO EXISTING ROAD. DECOMPACT LAYDOWN AREAS AS NOTED IN STEP #12 OF SEQUENCE.
- APPLY SEEDBED PREPARATION MEASURES TO LAYDOWN AREAS AND SEED TO RETURN TO GRASS CONDITION.
- AS TRAPS ARE REMOVED SEED AND MULCH ANY DISTURBED AREAS.
- REMOVE SILT FENCE.
- RESPONSIBLE LAND DISTURBER SHALL PROVIDE ADEQUATE MAINTENANCE ON ALL EROSION CONTROL ITEMS.

MAINTENANCE:

BETWEEN THE TIME THE SWPPP IS IMPLEMENTED AND FINAL STABILIZATION IS ACHIEVED, THE RESPONSIBLE LAND DISTURBER SHALL MAINTAIN AND INSPECT ALL EROSION CONTROL MEASURES REGULARLY IN ACCORDANCE WITH THE OHIO EPA RAINWATER AND LAND DEVELOPMENT OHIO'S STANDARDS FOR STORMWATER MANAGEMENT LAND DEVELOPMENT AND URBAN STREAM PROTECTION. INSPECTIONS ARE TO BE PERFORMED (i) AT LEAST ONCE EVERY 4 DAYS OR (ii) AT LEAST ONCE EVERY 7 DAYS AND WITHIN 48 HOURS OF A RUNOFF PRODUCING STORM EVENT.

- CHECK THE SILT FENCE AFTER EVERY RUNOFF PRODUCING EVENT TO ENSURE EFFECTIVE OPERATION AND REMOVE SEDIMENT WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
- CHECK THE SEEDING AREAS TO ENSURE THAT A STAND OF GRASS IS MAINTAINED. FERTILIZE AND RESEED AS NEEDED TO ENSURE THE STAND OF GRASS IS ADEQUATE FOR PREVENTING SOIL EROSION.
- MAINTAIN THE CONSTRUCTION ENTRANCE TO PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
- BEFORE FINAL STABILIZATION, THE DIVERSIONS SHOULD BE INSPECTED AFTER EVERY RAINFALL AND AT LEAST ONCE EVERY TWO WEEKS. SEDIMENT SHALL BE REMOVED FROM THE CHANNEL AND REPAIRS MADE AS NECESSARY. SEEDED AREAS WHICH FAIL TO ESTABLISH A VEGETATIVE COVER SHALL BE RESEEDED AS NECESSARY.
- EROSION CONTROL MATTING/LINER SHALL BE MONITORED TO ENSURE MATTING INSTALLED IS ADEQUATE. AREAS THAT NEED MATTING UPGRADE SHALL BE ADDRESSED. ALL SOIL STABILIZATION MATTING SHOULD BE INSPECTED PERIODICALLY FOLLOWING INSTALLATION, PARTICULARLY AFTER RAINSTORMS TO CHECK FOR EROSION AND UNDERMINING. ANY DISLOCATION OR FAILURE SHOULD BE REPAIRED IMMEDIATELY. IF WASHOUTS OR BREAKAGE OCCURS, RE-INSTALL THE MATERIAL AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH. CONTINUE TO MONITOR THESE AREAS UNTIL WHICH TIME THEY BECOME PERMANENTLY STABILIZED; AT THAT TIME AN ANNUAL INSPECTION SHOULD BE ADEQUATE.
- CHECK DAMS SHOULD BE CHECKED FOR SEDIMENT ACCUMULATION AFTER EACH RUNOFF-PRODUCING STORM EVENT. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES ONE HALF OF THE ORIGINAL HEIGHT OF THE MEASURE. REGULAR INSPECTIONS SHOULD BE MADE TO INSURE THAT THE CENTER OF THE DAM IS LOWER THAN THE EDGES. EROSION CAUSED BY HIGH FLOWS AROUND THE EDGES OF THE DAM SHOULD BE CORRECTED IMMEDIATELY.
- SEDIMENT BASINS SHALL BE CHECKED REGULARLY TO ENSURE THAT THEY ARE STRUCTURALLY SOUND AND HAVE NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. EMERGENCY SPILLWAY SHOULD BE CHECKED REGULARLY TO ENSURE THAT ITS LINING IS WELL ESTABLISHED AND EROSION-RESISTANT. BASINS SHOULD BE CHECKED AFTER EVERY RUNOFF-PRODUCING RAINFALL FOR SEDIMENT CLEAN-OUT. WHEN THE SEDIMENT REACHES THE CLEAN-OUT LEVEL, IT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
- CULVERT INLET PROTECTION SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. AGGREGATE SHALL BE REPLACED OR CLEANED WHEN INSPECTION REVEALS THAT CLOGGED VOIDS ARE CAUSING PONDING PROBLEMS WHICH INTERFERE WITH ON-SITE CONSTRUCTION. SEDIMENT SHALL BE REMOVED AND THE IMPOUNDMENT RESTORED WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH.
- OUTLET PROTECTION SHALL BE INSPECTED PERIODICALLY TO DETERMINE IF HIGH FLOWS HAVE CAUSED SCOUR BENEATH THE RIPRAP OR FILTER FABRIC OR DISLODGED ANY OF THE STONE.

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PROJECT NAME & ADDRESS

ATLANTA FARMS
SOLAR
PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUIYRES / N. HOGYE

STATE OF OHIO
JARED A. SQUIYRES
E-65865
7/29/2022
REGISTERED
PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

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REVISIONS	
#	DESCRIPTION
A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

EROSION CONTROL
DESIGN NOTES

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
N/A	C4.00

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Specifications
for
Temporary Seeding

Table 7.8.1 Temporary Seeding Species Selection

Seeding Dates	Species	Lb./1000 ft2	Lb./Acre
March 1 to August 15	Oats	3	128 (4 Bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Perennial Ryegrass	1	40
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Annual Ryegrass	1.25	55
	Perennial Ryegrass	3.25	142
	Creeping Red Fescue	0.4	17
	Kentucky Bluegrass	0.4	17
	Oats	3	128 (3 bushel)
	Tall Fescue	1	40
August 16th to November	Rye	3	112 (2 bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Wheat	3	120 (2 bushel)
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Perennial Rye	1	40
	Tall Fescue	1	40
	Annual Ryegrass	1	40
	Annual Ryegrass	1.25	40
	Perennial Ryegrass	3.25	40
	Creeping Red Fescue	0.4	40
November 1 to Feb. 29	Kentucky Bluegrass	0.4	40
	Use mulch only or dormant seeding		

Note: Other approved species may be substituted.

- Structural erosion and sediment control practices such as diversions and sediment traps shall be installed and stabilized with temporary seeding prior to grading the rest of the construction site.
- Temporary seed shall be applied uniformly with a cyclone spreader, drill, cut/packer seeder, or hydroseeder, for 21 days or greater. These idle areas shall be seeded within 7 days after grading.
- The seedbed should be pulverized and loose to ensure the success of establishing vegetation. Temporary seeding should not be postponed if ideal seedbed preparation is not possible.
- Soil Amendments—Temporary vegetation seeding rates shall establish adequate stands of vegetation, which may require the use of soil amendments. Base rates for lime and fertilizer shall be used.
- Seeding Method—Seed shall be applied uniformly with a cyclone spreader, drill, cut/packer seeder, or hydroseeder. When feasible, seed that has been broadcast shall be covered by raking or dragging and then lightly tamped into place using a roller or cut/packer. If hydroseeding is used, the seed and fertilizer will be mixed on-site and the seeding shall be done immediately and without interruption.

SOURCE: ADAPTED FROM ODNR:
RAINWATER AND LAND DEVELOPMENT: OHIO'S STANDARDS FOR
STORMWATER MANAGEMENT LAND DEVELOPMENT AND URBAN
STREAM PROTECTION

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Specifications
for
Permanent Seeding

Site Preparation

- Subsoiler, plow, or other implement shall be used to reduce soil compaction and allow maximum infiltration. (Maximizing infiltration will help control both runoff rate and water quality.) Subsoiling should be done when the soil moisture is low enough to allow the soil to crack or fracture. Subsoiling shall not be done on slip-prone areas where soil preparation should be limited to what is necessary for establishing vegetation.
- The site shall be graded as needed to permit the use of conventional equipment for seedbed preparation and seeding.
- Topsoil shall be applied where needed to establish vegetation.

Seedbed Preparation

- Lime—Agricultural ground limestone shall be applied to acid soil as recommended by a soil test. In lieu of a soil test, lime shall be applied at the rate of 100 pounds per 1,000-sq. ft. or 2 tons per acre.
- Fertilizer—Fertilizer shall be applied as recommended by a soil test. In place of a soil test, fertilizer shall be applied at a rate of 25 pounds per 1,000-sq. ft. or 1000 pounds per acre of a 10-10-10 or 12-12-12 analyses.
- The lime and fertilizer shall be worked into the soil with a disk harrow, spring-tooth harrow, or other suitable field implement to a depth of 3 inches. On sloping land, the soil shall be worked on the contour.

Seeding Dates and Soil Conditions

Seeding should be done March 1 to May 31 or August 1 to September 30. If seeding occurs outside of the above-specified dates, additional mulch and irrigation may be required to ensure a minimum of 80% germination. Tillage for seedbed preparation should be done when the soil is dry enough to crumble and not form ribbons when compressed by hand. For winter seeding, see the following section on dormant seeding.

Dormant Seedings

- Seedings should not be made from October 1 through November 20. During this period, the seeds are likely to germinate but probably will not be able to survive the winter.
- The following methods may be used for "Dormant Seeding":

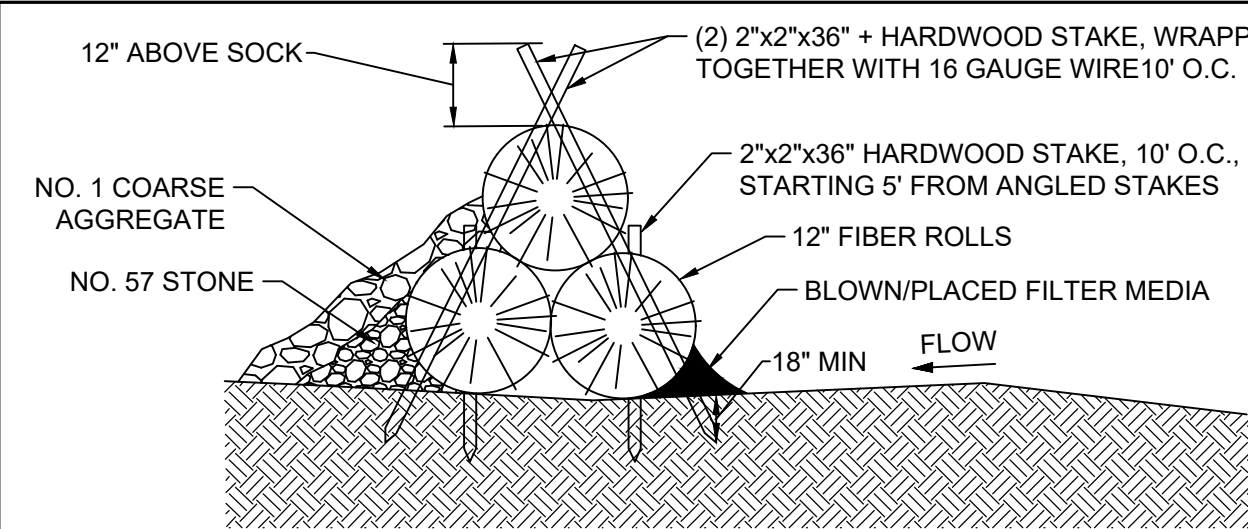
- From October 1 through November 20, prepare the seedbed, add the required amounts of lime and fertilizer, then mulch and anchor. After November 20, and before March 15, broadcast the selected seed mixture. Increase the seeding rates by 50% for this type of seeding.
- From November 20 through March 15, when soil conditions permit, prepare the seedbed, lime and fertilize, apply the selected seed mixture, mulch and anchor. Increase the seeding rates by 50% for this type of seeding.
- Apply seed uniformly with a cyclone seeder, drill, cut/packer seeder, or hydro-seeder (slurry may include seed and fertilizer) on a firm, moist seedbed.
- Where feasible, except when a cut/packer seed seeder is used, the seedbed should be firmed following seeding operations with a cut/packer, roller, or light drag. On sloping land, seeding operations should be on the contour where feasible.

Mulching

- Mulch material shall be applied immediately after seeding. Dormant seeding shall be mulched. 100% of the ground surface shall be covered with an approved material.
- Materials
 - Straw—If straw is used it shall be unrotted small-grain straw applied at the rate of 2 tons per acre or 90 pounds (two to three bales) per 1,000-sq. ft. The mulch shall be spread uniformly by hand or mechanically applied so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and spread two 45-lb. bales of straw in each section.
 - Hydroseeders—If wood cellulose fiber is used, it shall be applied at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
 - Other—Other acceptable mulches include rolled erosion control matings or blankets applied according to manufacturer's recommendations or wood chips applied at 5 tons per acre.

SOURCE: ADAPTED FROM ODNR:
RAINWATER AND LAND DEVELOPMENT: OHIO'S STANDARDS FOR STORMWATER
MANAGEMENT LAND DEVELOPMENT AND URBAN STREAM PROTECTION

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NOTES:

- INSTALL FILTER SOCK ALONG CONTOUR OF SLOPE.
- TURN ENDS OF FILTER SOCK UPHILL TO PREVENT WATER FROM FLOWING AROUND ENDS.
- INSTALL WOOD STAKES AS NECESSARY TO PREVENT MOVEMENT AND UNDERMINING. STAKES SHALL BE SPACED AT 10' MAX. INTERVALS WITH WIRE SUPPORTED FENCE AND 6' MAX INTERVALS WITHOUT WIRE SUPPORT.
- SEE SILT FENCE SPECIFICATIONS FOR APPLICABILITY AND MAINTENANCE.

SOURCE: OHIO EPA

FIBER ROLL SEDIMENT TRAP

NO SCALE

3. Straw and Mulch Anchoring Methods

Straw mulch shall be anchored immediately to minimize loss by wind or water.

- Mechanical**—A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but, generally, be left longer than 6 inches.
- Mulch Netting**—Netting shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentrated runoff and on critical slopes.
- Asphalt Emulsion**—Asphalt shall be applied as recommended by the manufacture or at the rate of 160 gallons per acre.

- Synthetic Binders**—Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petrosel, Terra Tack or equivalent may be used at rates specified by the manufacturer.
- Wood Cellulose Fiber**—Wood cellulose fiber shall be applied at a net dry weight of 750 pounds per acre. The wood cellulose fiber shall be mixed with water with the mixture containing a maximum of 50 pounds cellulose per 100 gallons of water.

Irrigation

Permanent seeding shall include irrigation to establish vegetation during dry weather or on adverse site conditions, which require adequate moisture for seed germination and plant growth.

Irrigation rates shall be monitored to prevent erosion and damage to seeded areas from excessive runoff.

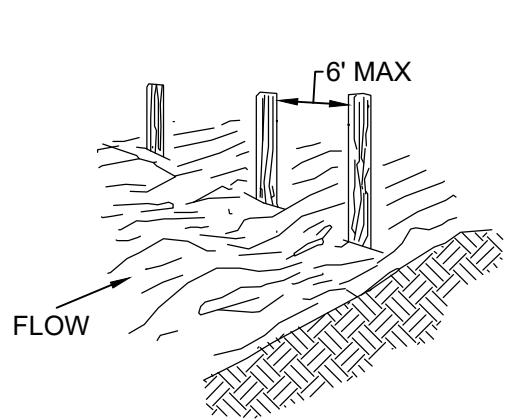
Table 7.10.2 Permanent Seeding

Seed Mix	Seeding Rate		Notes:
	Lbs./acre	Lbs./1,000 Sq. Feet	
General Use			
Creeping Red Fescue	20-40	1/2-1	For close mowing & for waterways with <2.0 ft/sec velocity
Domestic Ryegrass	10-20	1/4-1/2	
Kentucky Bluegrass	20-40	1/2-1	
Tall Fescue	40-50	1-1 1/4	Do not seed later than August
Turf-type (dwarf) Fescue	90	2 1/4	
Steep Banks or Cut Slopes			
Tall Fescue	40-50	1-1 1/4	Do not seed later than August
Crown Vetch	10-20	1/4-1/2	
Tall Fescue	20-30	1/2-3/4	
Flat Pea	20-25	1/2-3/4	Do not seed later than August
Tall Fescue	20-30	1/2-3/4	
Road Ditches and Swales			
Tall Fescue	40-50	1-1 1/4	For shaded areas
Turf-type (Dwarf) Fescue	90	2 1/4	
Kentucky Bluegrass	50	0.1	
Lawns			
Kentucky Bluegrass	100-120	2	For shaded areas
Perennial Ryegrass		2	
Kentucky Bluegrass	100-120	2	
Creeping Red Fescue		1-1/2	

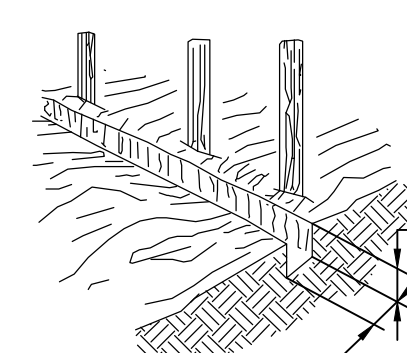
Note: Other approved seed species may be substituted.

CHAPTER 7 Soil Stabilization 45

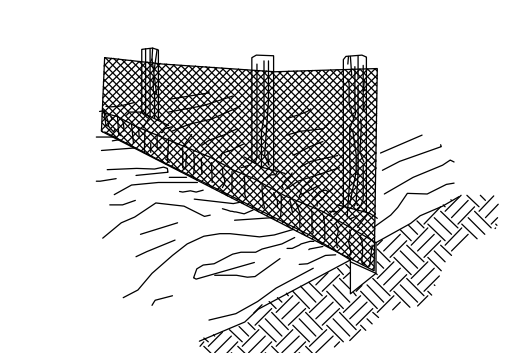
1. SET THE STAKES



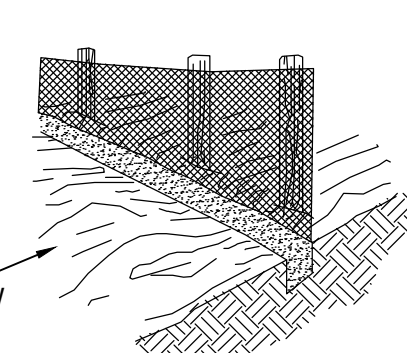
2. EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF STAKES.



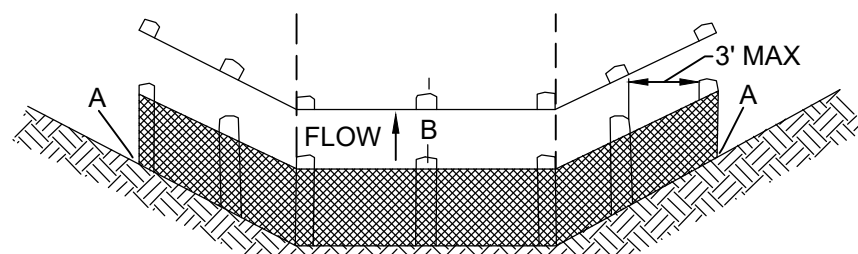
3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



**SHEET FLOW INSTALLATION
(PERSPECTIVE VIEW)**



**POINT 'A' SHOULD BE HIGHER THAN POINT 'B'
DRAINAGEWAY INSTALLATION
(FRONT INSTALLATION)**

NOTE: USE ORANGE SILT FENCE IN LIEU OF TREE PROTECTION TAPE

NOTE: REQUIRED STEEL POSTS (STANDARD "U" OR "T" SECTION) MUST HAVE A MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT AND SHALL HAVE A MINIMUM LENGTH OF 5 FEET.

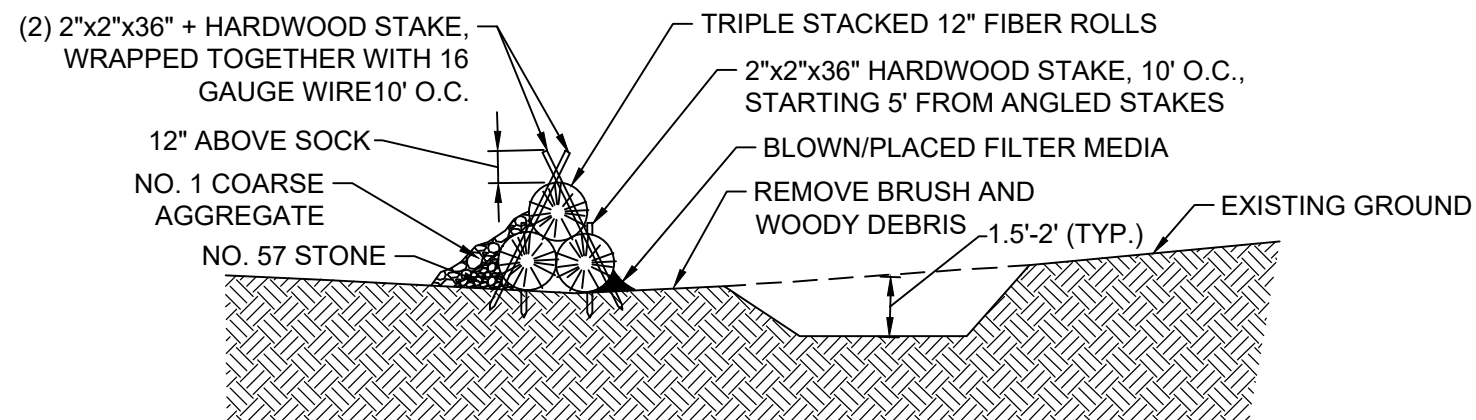
PLATE 3.05-2

SOURCE: ADAPTED FROM INSTALLATION OF STRAW AND FABRIC FILTER BARRIERS FOR SEDIMENT CONTROL, SHERWOOD AND WYANT

SF

SILT FENCE (WITHOUT WIRE SUPPORT)

NO SCALE



NOTES:

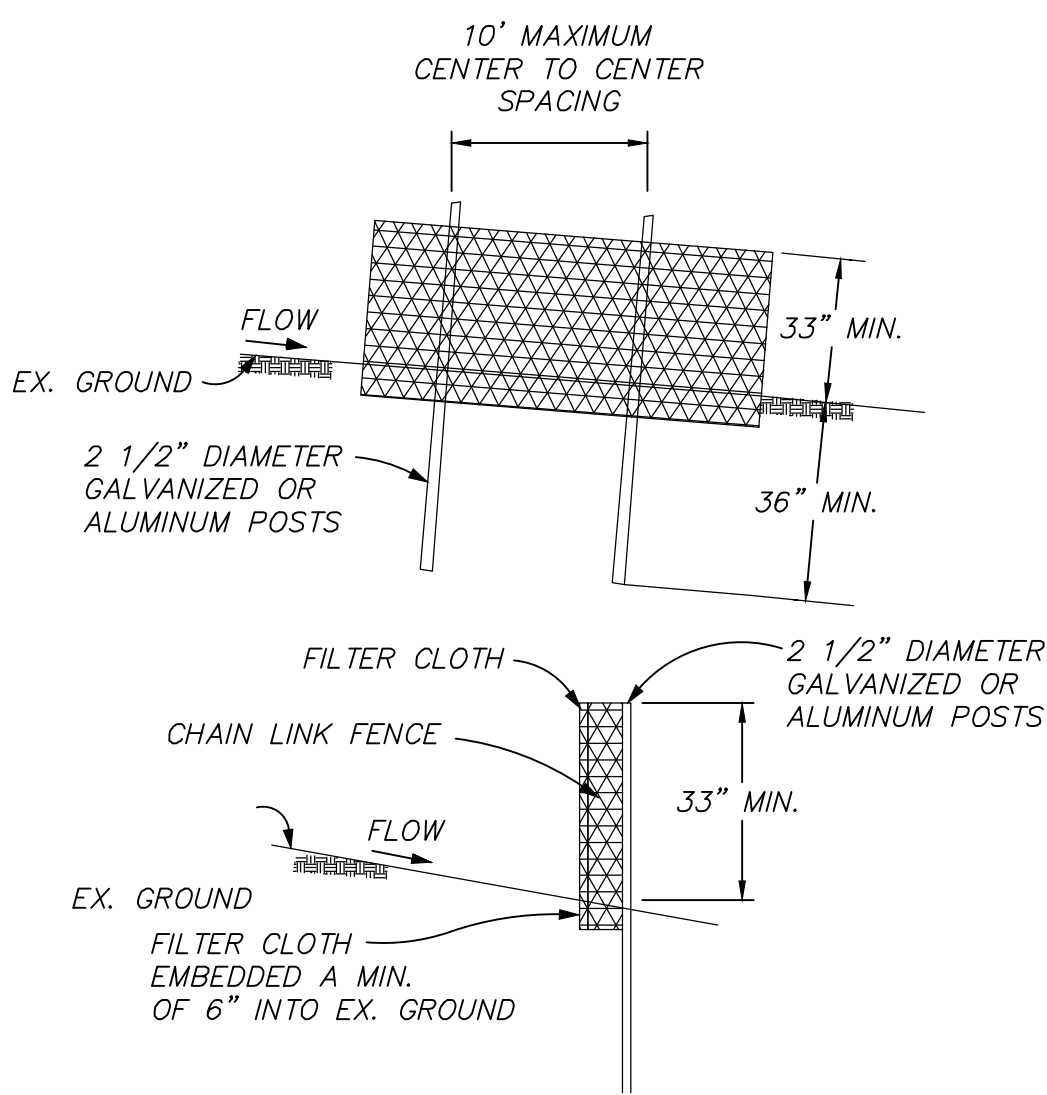
- MODIFIED SEDIMENT TRAPS LOCATED PER PLAN.
- SEDIMENT TRAP STORAGE IS BASED ON 1,000 CF PER DISTURBED AREA CONTRIBUTING TO EACH SEDIMENT TRAP. AREAS OUTSIDE THE DELINEATED DRAINAGE AREA MUST BE EITHER DIVERTED AWAY FROM THE BASIN WITH A BERM/SWALE OR THE TRAP SIZE MUST BE INCREASED TO ACCOMMODATE. THIS IS NOT AN EARTHWORK VOLUME.
- SEDIMENT TRAP FOOTPRINTS SHOWN ARE REPRESENTATIVE FOR THE VOLUME REQUIRED BUT DO NOT NEED TO BE THE EXACT CONFIGURATION SHOWN ON THE PLANS. TRAPS MUST NOT BE LOCATED WITHIN ANY BUFFERS ADJACENT TO WETLANDS OR STREAMS.
- AFTER ALL SEDIMENT PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, THE SEDIMENT TRAP AND ALL ASSOCIATED SEDIMENT SHALL BE REMOVED. STABLE EARTH MATERIALS SHALL BE PLACED IN THE SEDIMENT TRAP AREA AND COMPACTED. THE AREA SHALL BE GRADED TO BLEND IN WITHIN ADJOINING LAND SURFACES AND HAVE POSITIVE DRAINAGE. THE AREA SHALL BE IMMEDIATELY SEEDED.

SOURCE: OHIO EPA

FIBER ROLL SEDIMENT TRAP WITH SEDIMENT STORAGE

NO SCALE

Sediment Trap Design Summary						
Sediment Trap	Drainage Area (AC)	Required Sediment Storage Zone Volume (CF)	Required Dewatering Zone Volume (CF)	Provided Sediment Storage Zone Volume (CF)	Provided Sediment Storage Zone Volume (CF)	Weir Length (ft)
#1	5	5,000	9,000	8,941	10,132	5



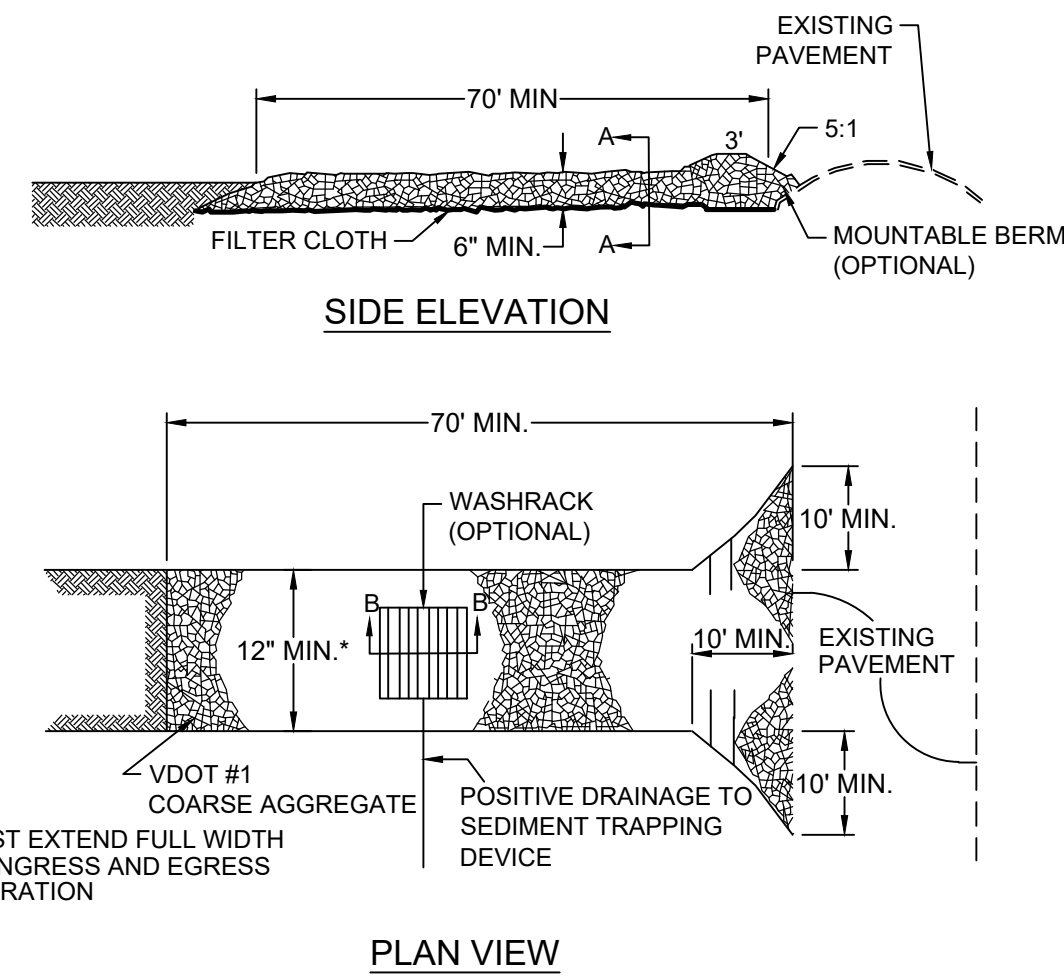
NOTES:

- FASTEN CHAIN LINK FENCE SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FASTEN FILTER CLOTH SECURELY TO CHAIN LINK FENCE WITH TIES SPACED A MINIMUM OF 24" ALONG POST.
- EMBED FILTER CLOTH A MINIMUM OF 6" INTO EXISTING GROUND.
- OVERLAP AND FOLD ADJOINING SECTIONS OF FILTER CLOTH.

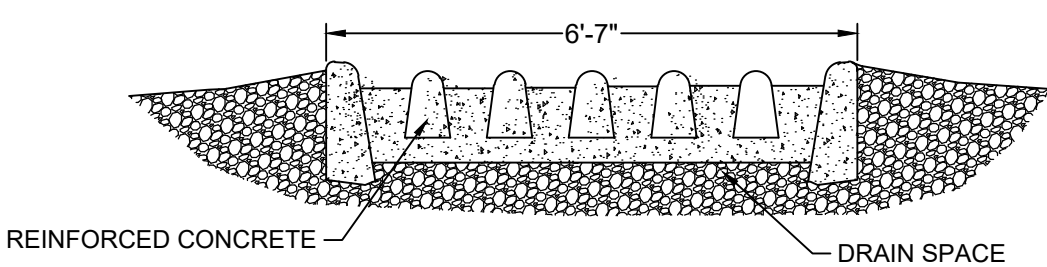
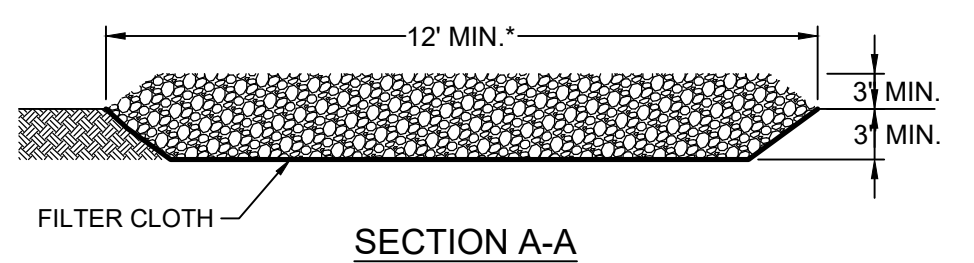
SSF

SUPER SILT FENCE

NO SCALE



* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION



CONSTRUCTION ENTRANCE

NO SCALE

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9185 E PIMA CENTER PARKWAY #100
SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

STATE OF OHIO
JARED A. SQUYRES
E-55886
7/29/2022
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION

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A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT

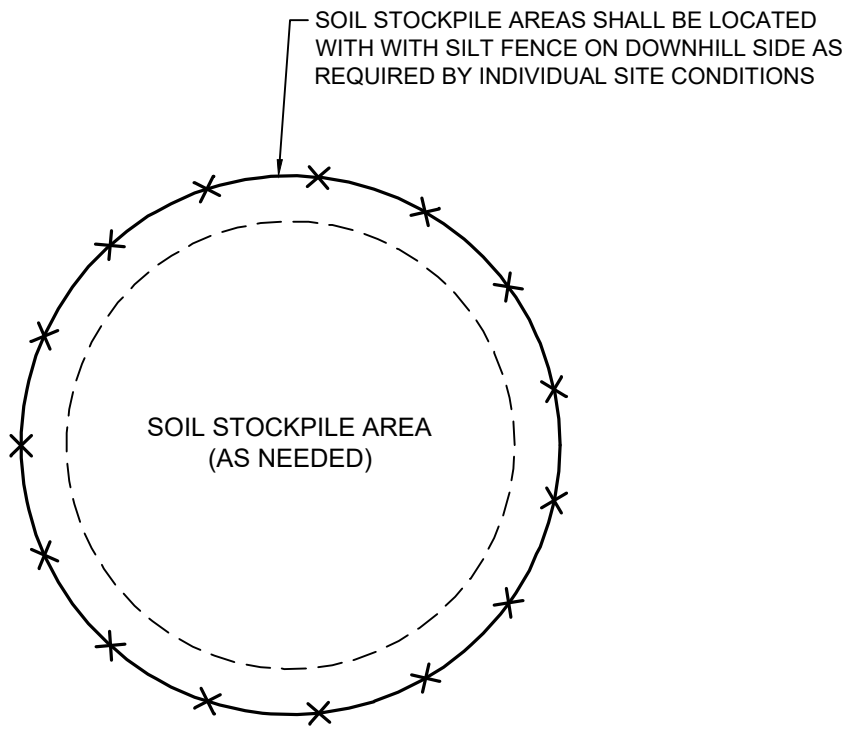
DRAWING DESCRIPTION

**EROSION CONTROL
DETAILS**

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE SHEET NUMBER
N/A C4.01

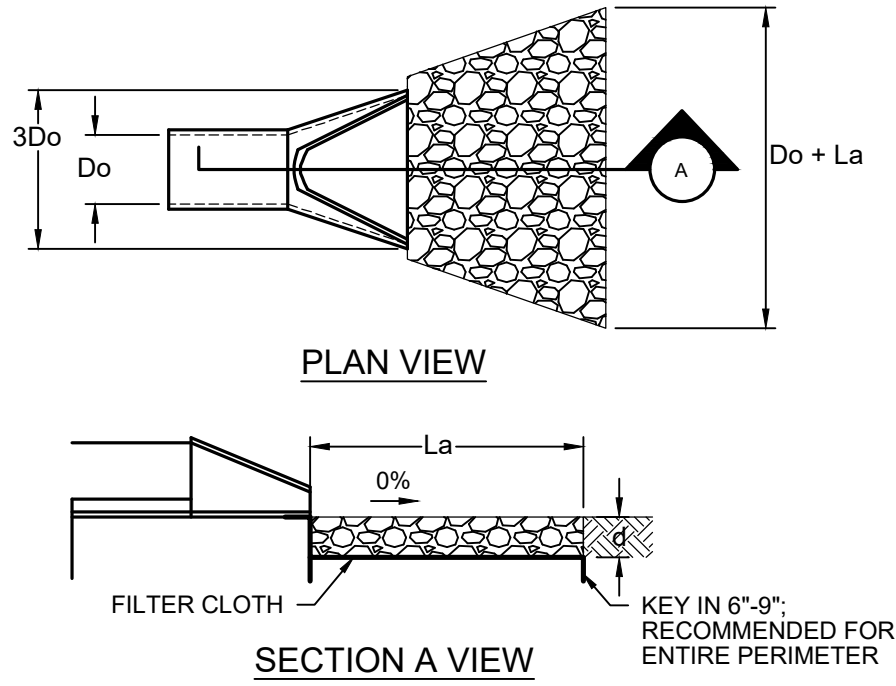
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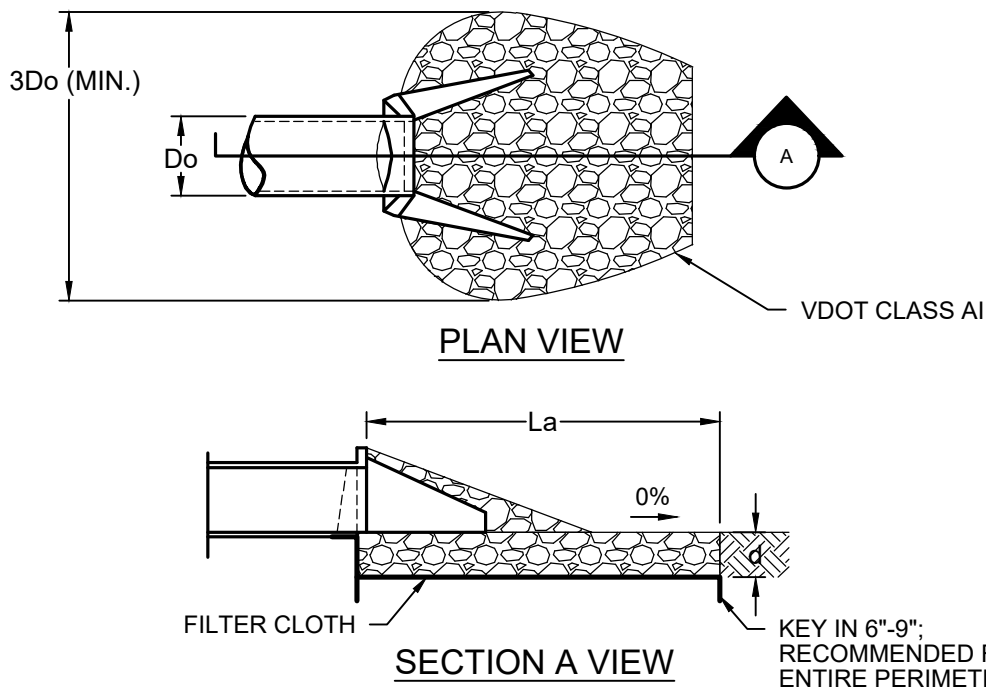
SOIL/SEDIMENT STOCKPILE AREAS (IF NECESSARY)

NO SCALE

PIPE OUTLET TO FLAT AREA WITH NO DEFINED CHANNEL



PIPE OUTLET TO WELL DEFINED CHANNEL



NOTES

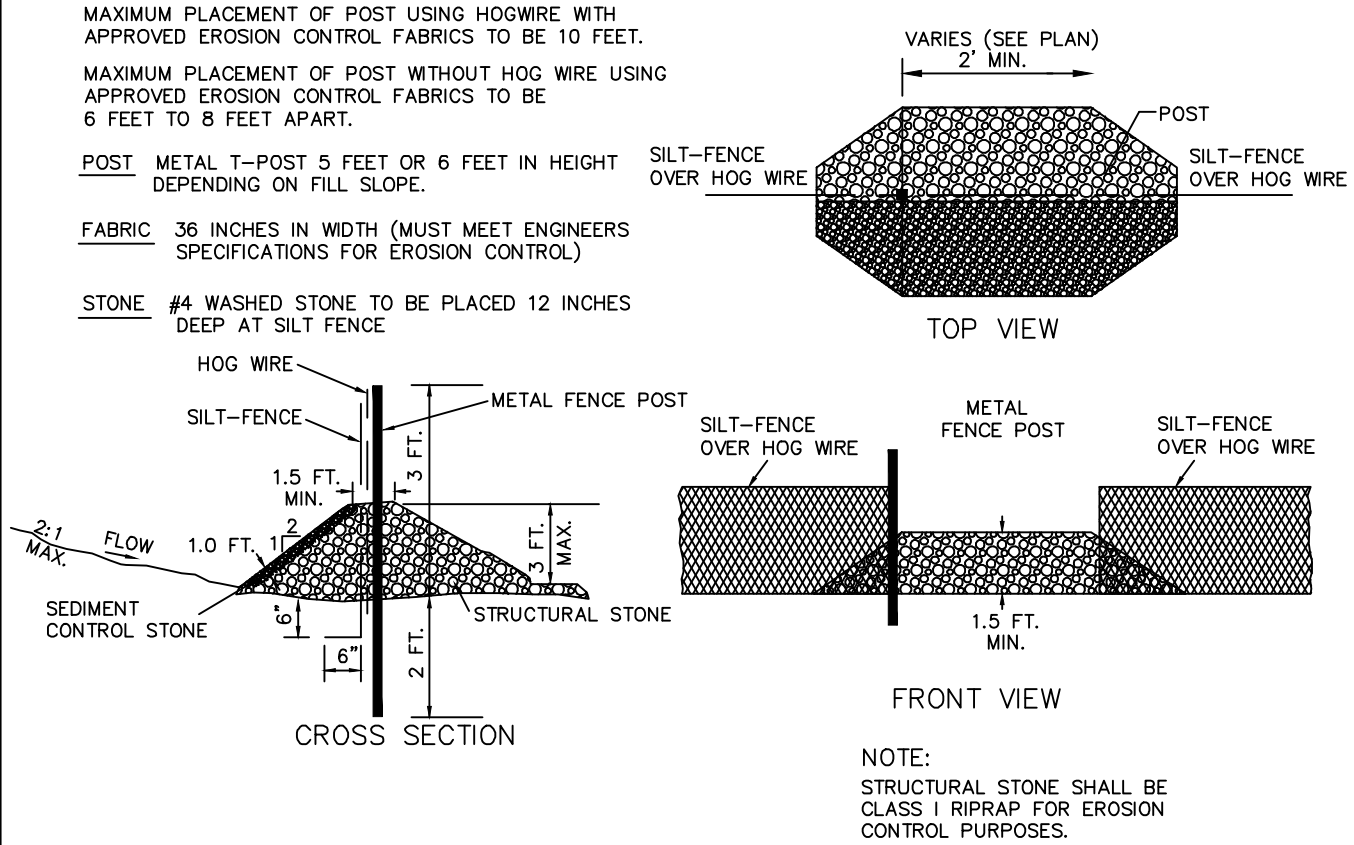
1. APRON LINING MAY BE RIPRAP, GROUTED RIPRAP, GABION BASKET, OR CONCRETE.
2. La IS THE LENGTH OF THE RIPRAP APRON AS CALCULATED USING PLATES 3.18-3 AND 3.18-4. 3. d = 2 TIMES THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 18 INCHES.

PLATE 3.18-1



OUTLET PROTECTION

NO SCALE



- MAINTENANCE
1. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
 2. SHOULD THE FABRIC OF A SEDIMENT FENCE, NEAR AN OUTLET, COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
 3. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
 4. REPLACE STONE AT OUTLET TO DIMENSIONS SHOWN ABOVE IF OUTLET BECOMES EXCESSIVELY CLOGGED WITH SEDIMENT.
 5. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



SILT FENCE OUTLET

NO SCALE

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CLIENT

**DEPCOM
POWER**

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SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

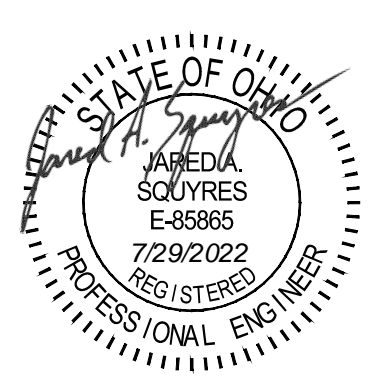
**ATLANTA FARMS
SOLAR**
PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUYRES / N. HOGYE



NOT FOR CONSTRUCTION

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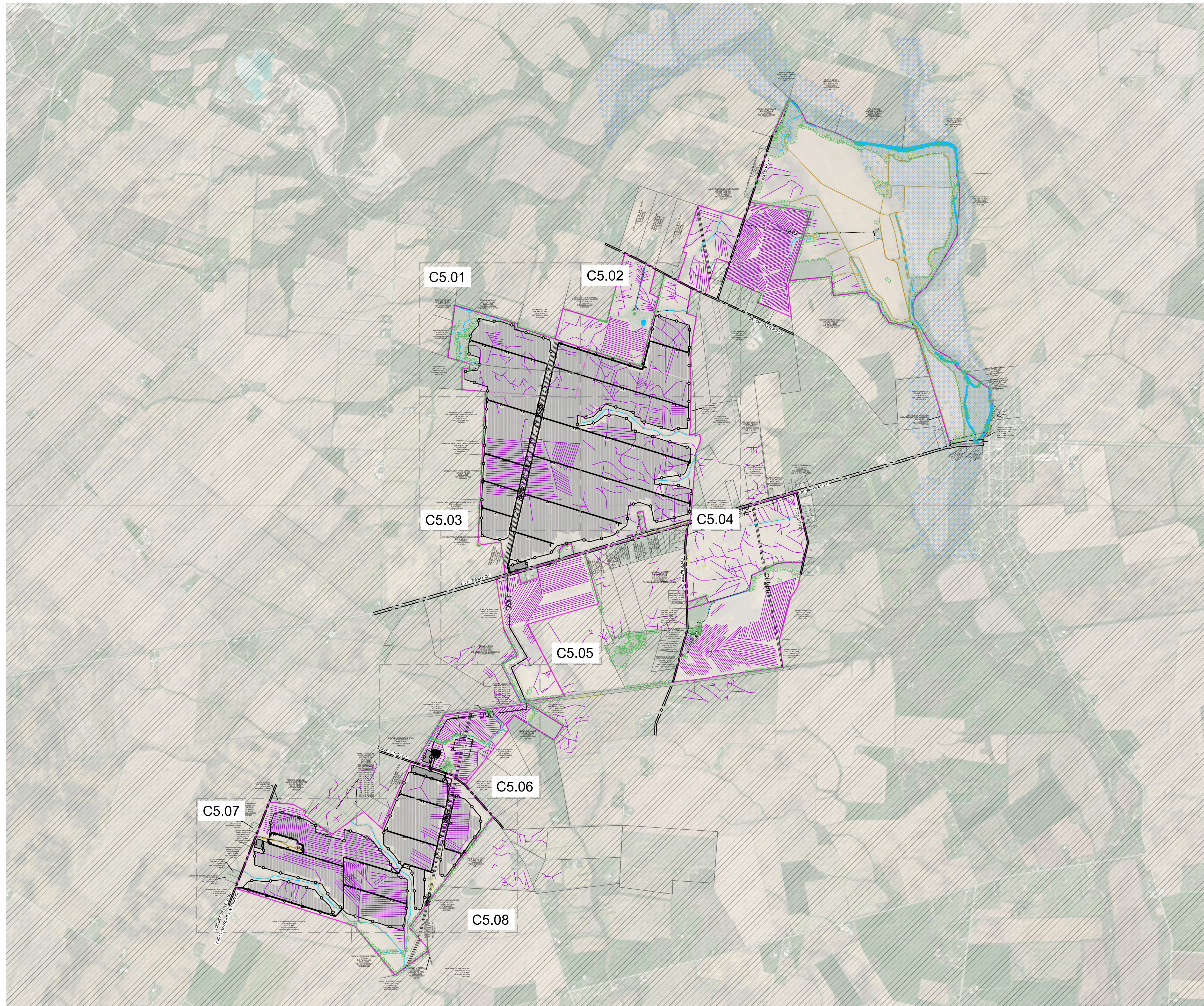
REVISIONS	
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DRAWING DESCRIPTION


















**EROSION CONTROL
DETAILS**

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SCALE	SHEET NUMBER
N/A	C4.02

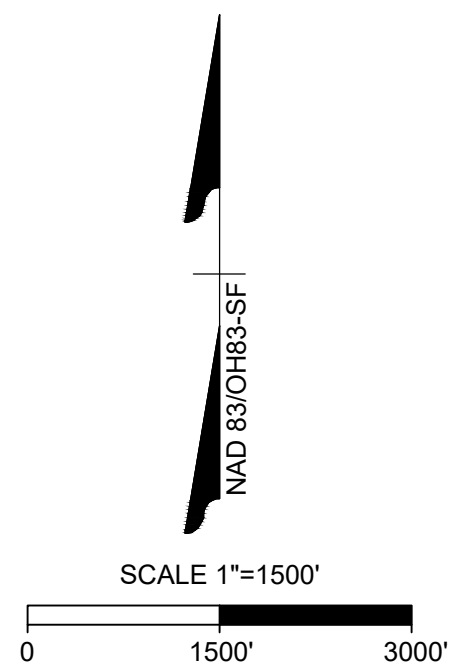





EXISTING LEGEND

	OUTSIDE OF PROJECT BOUNDARY
	PARCEL ADJOINER LINE
	ASPHALT ROAD
	GRAVEL ROAD
	DIRT ROAD
	RIGHT-OF-WAY
	EASEMENT
	OVERHEAD ELECTRIC LINE
	UNDERGROUND UTILITY LINE
	TREE LINE
	FENCE LINE
	DRAIN TILE
	WATERBODY AND STREAMLINES
	100 YEAR FLOODPLAIN
	DELINEATED WETLANDS
	UTILITY POLE
	EXISTING DRAINAGE FLOW PATH

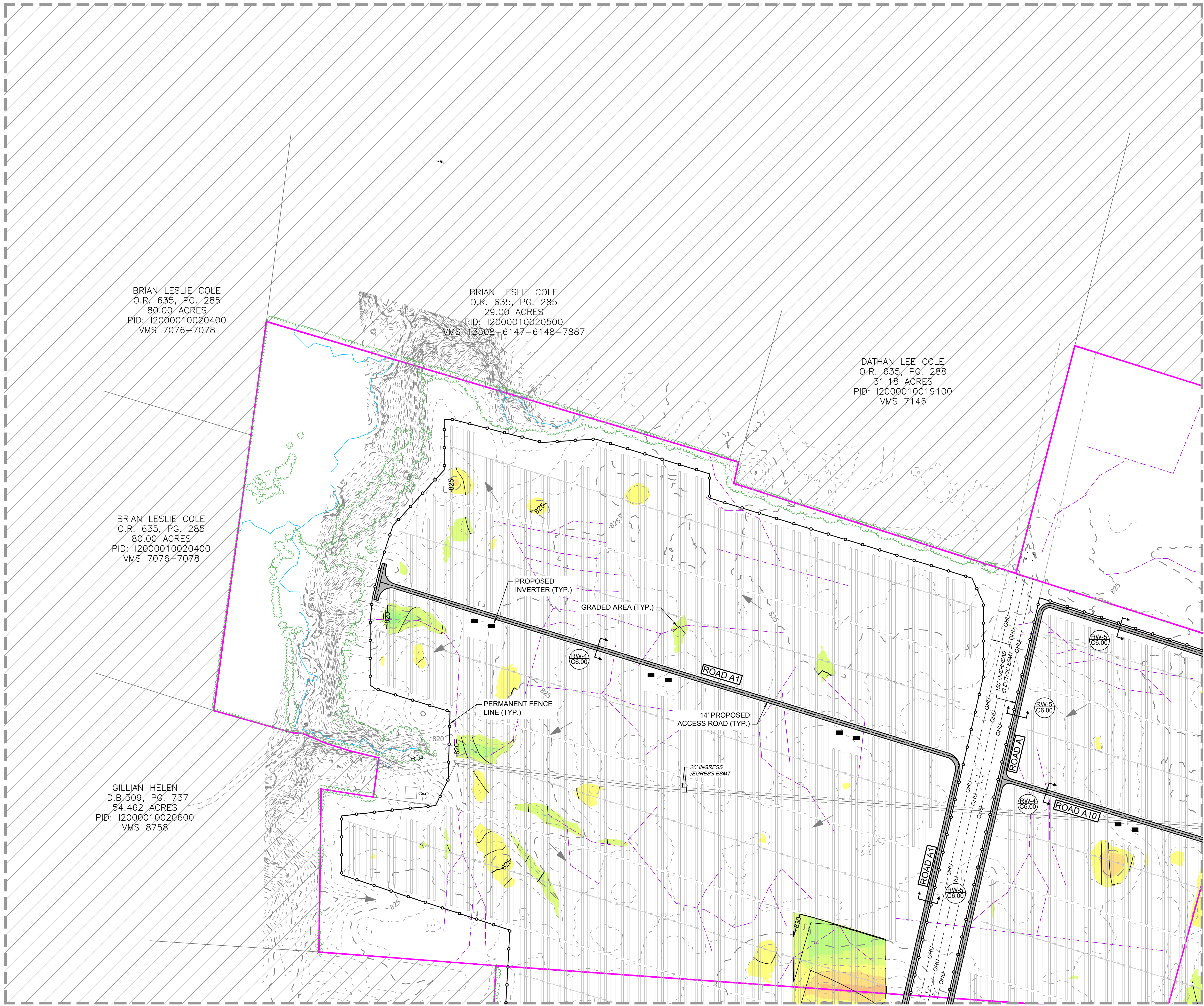
PROPOSED LEGEND

	PERMANENT FENCE TRACKER
	INVERTER LOCATION
	18' PRIMARY ACCESS ROAD
	18' TEMPORARY ACCESS ROAD



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CLIENT  DEPCOM POWER® 9185 E PIMA CENTER PARKWAY #100 SCOTTSDALE, AZ 85258		
PROJECT NAME & ADDRESS ATLANTA FARMS SOLAR PICKAWAY COUNTY, OHIO		
DATE 7/29/2022	PROJECT NUMBER 45488.026	
PROJECT NAME ATLANTA FARMS SOLAR		
DESIGNED BY / DRAWN BY J. SQUYRES / N. HOGYE		
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D.	07/29/22	90% ISSUED FOR PERMIT
DRAWING DESCRIPTION OVERALL SITE LAYOUT PLAN		
PLANS PRINTED AS 11x17 ARE HALF SCALE SHEET NUMBER		
1"=1500'		C5.00

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EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

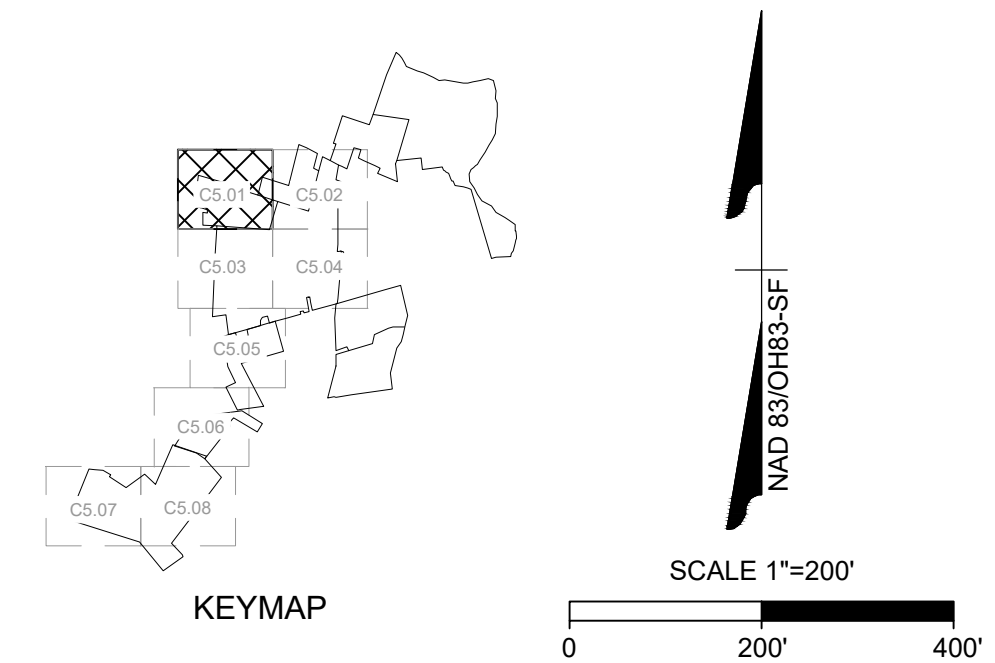
PROPOSED LEGEND

- PERMANENT FENCE
- TRACKER
- 18' PRIMARY ACCESS ROAD
- 18' TEMPORARY ACCESS ROAD
- ATI MOTOR AND DRIVELINE
- INVERTER LOCATION
- UGC
- UGC
- 1210
- PROPOSED 1' CONTOUR
- CULVERT
- DRAIN TILE

GRADING EXTENTS LEGEND

CUT: > 3'
CUT: 3' - 2'
CUT: 2' - 1'
CUT: 1' - 0'
FILL: 0' - 1'
FILL: 1' - 2'
FILL: 2' - 3'
FILL: > 3'

- NOTES:
- MINOR SURFACE SMOOTHING (INCLUDING FILL) MAY BE NECESSARY FOR SOLAR PANEL INSTALLATION.
 - GRADING ASSUMES TYPICAL ATI DURATRACK HZ V3 TRACKER WITH +/-12" OF UNDULATION TOLERANCE PER THE AVAILABLE TRACKER SPECIFICATIONS. EXCESS MATERIAL FROM CUT AREAS TO BE USED TO FILL LOW SPOTS OR REDUCE PILE REVEAL AS NECESSARY. REFER TO STRUCTURAL DRAWINGS FOR PILE EMBEDMENT REQUIREMENTS.
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 - EXISTING DRAIN TILE TO BE AVOIDED WHERE POSSIBLE AND REPAIRED IN KIND IF DAMAGED.



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ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUIRES / N. HOGYE

STATE OF OHIO
JARED A. SQUIRES
E-558865
7/29/2022
REGISTERED PROFESSIONAL ENGINEER

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DRAWING DESCRIPTION

SITE LAYOUT AND GRADING PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
1"=200'	C5.01

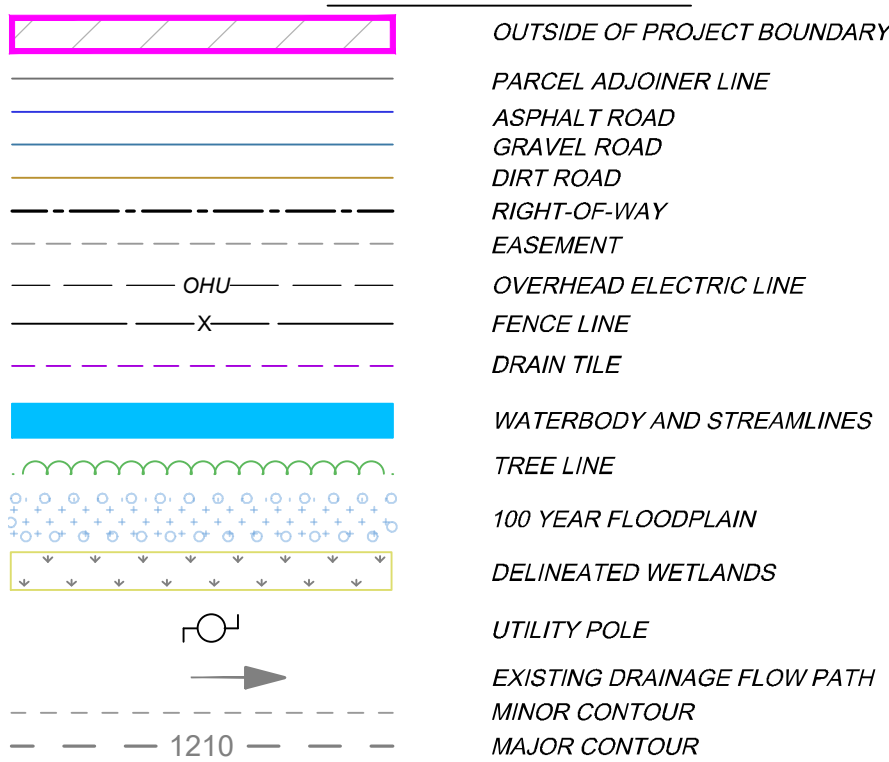
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MATCHLINE - SEE SHEET C5.01

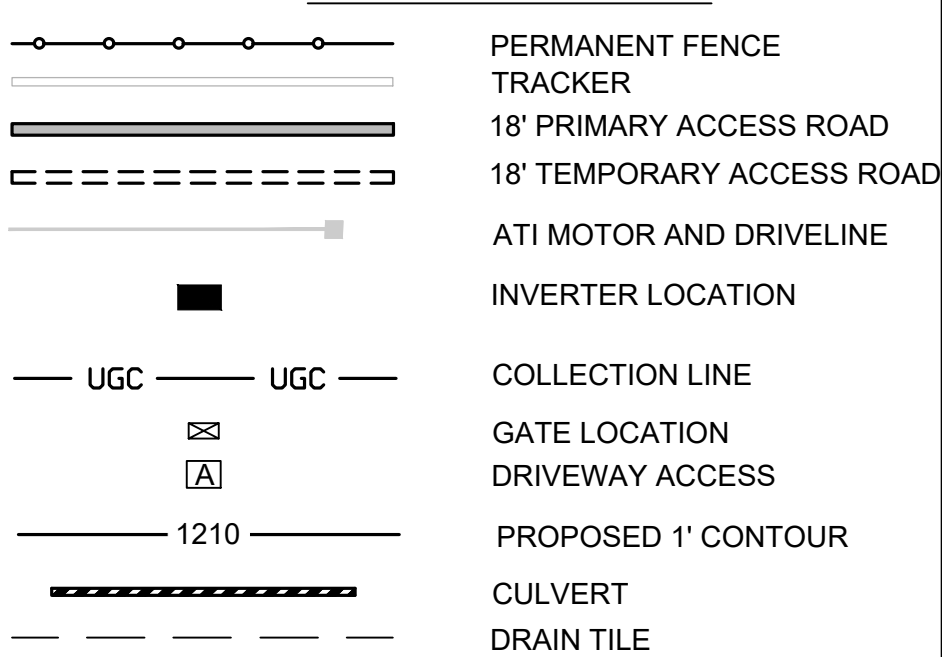
MATCHLINE - SEE SHEET C5.04



EXISTING LEGEND



PROPOSED LEGEND

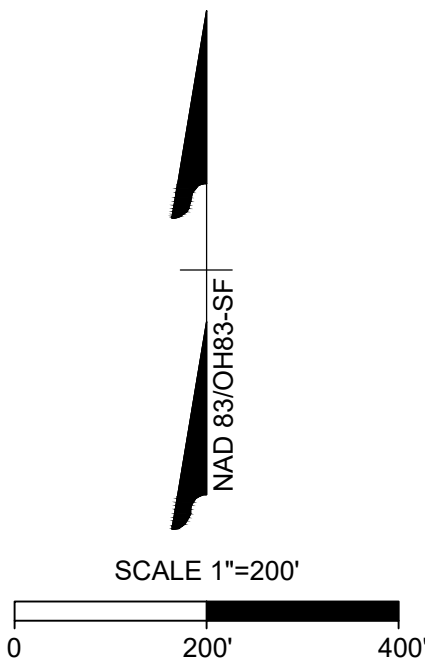
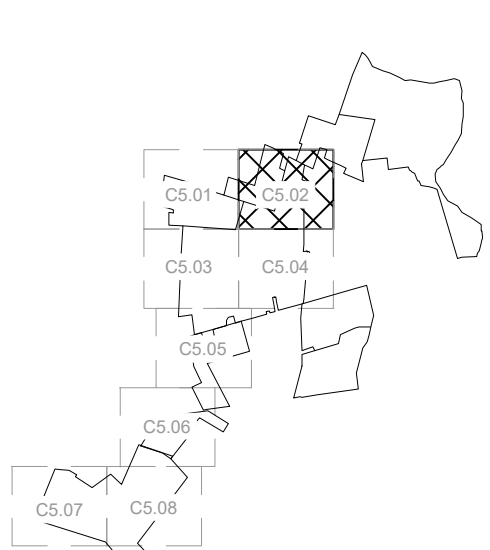


GRADING EXTENTS LEGEND



NOTES:

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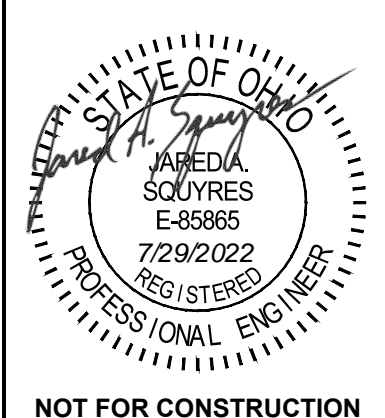


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ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



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SITE LAYOUT AND GRADING PLAN

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SCALE: 1"=200'
SHEET NUMBER: C5.02

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MATCHLINE - SEE SHEET C5.01

BRADFORD KELLY GERHARDT
AND AMY DAWN GERHARDT TRUSTEES
O.R. 656, PG. 1740
62.00 ACRES
PID: I2000010022400
VMS 8888

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
16.91 ACRES
PID: I2000010014800
VMS 6149

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
58.00 ACRES
PID: I2000010014900
VMS 6149

SKINNER FAMILY FARMS LIMITED PARTNERSHIP
O.R. 616, PG. 981
12.18 ACRES
PID: I2000010023000
VMS 6149

PERMANENT FENCE
LINE (TYP.)

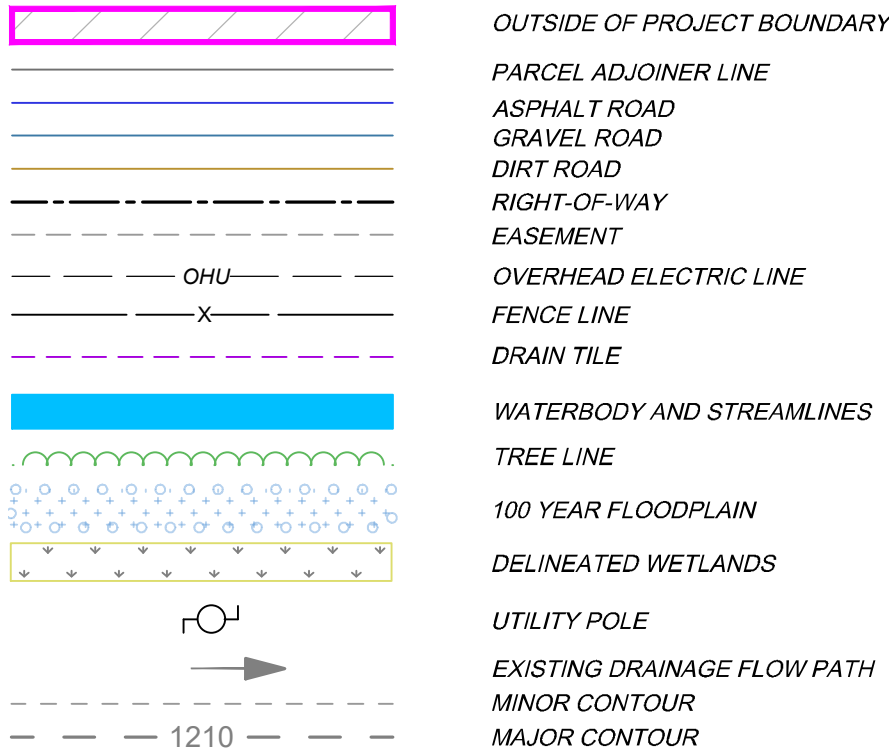
14' PROPOSED ACCESS
ROAD (TYP.)

PROPOSED INVERTER (TYP.)

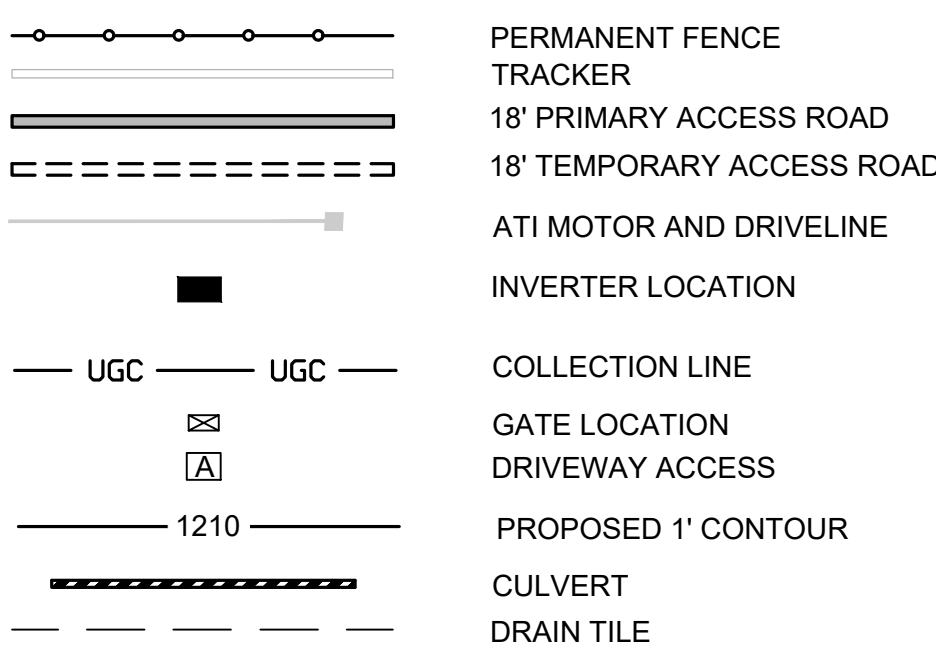
GRADED AREA (TYP.)

LIKELY DRAIN TILE
REPAIR NEEDED IN
THIS AREA

EXISTING LEGEND



PROPOSED LEGEND

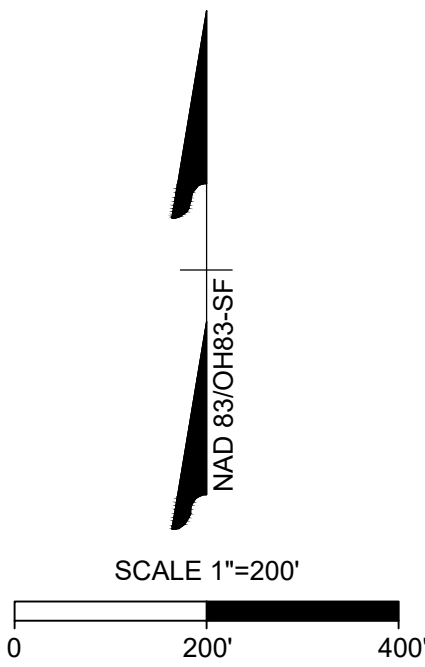
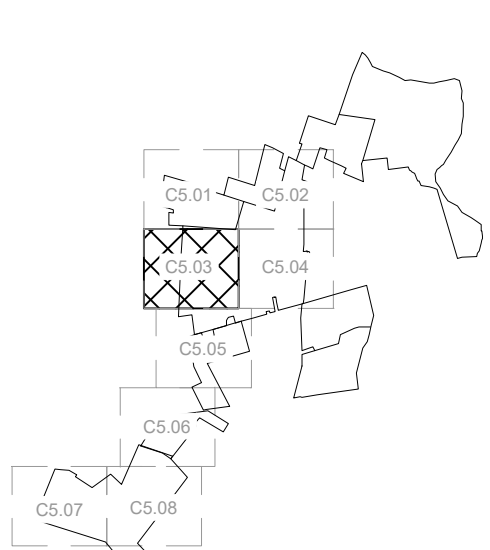


GRADING EXTENTS LEGEND



NOTES:

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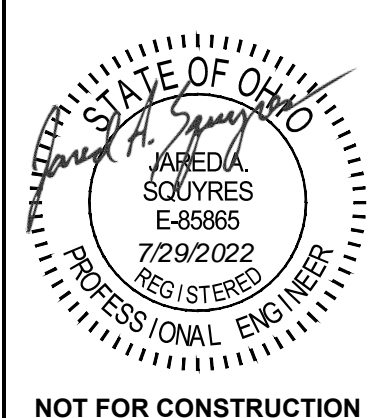
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ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
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PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE



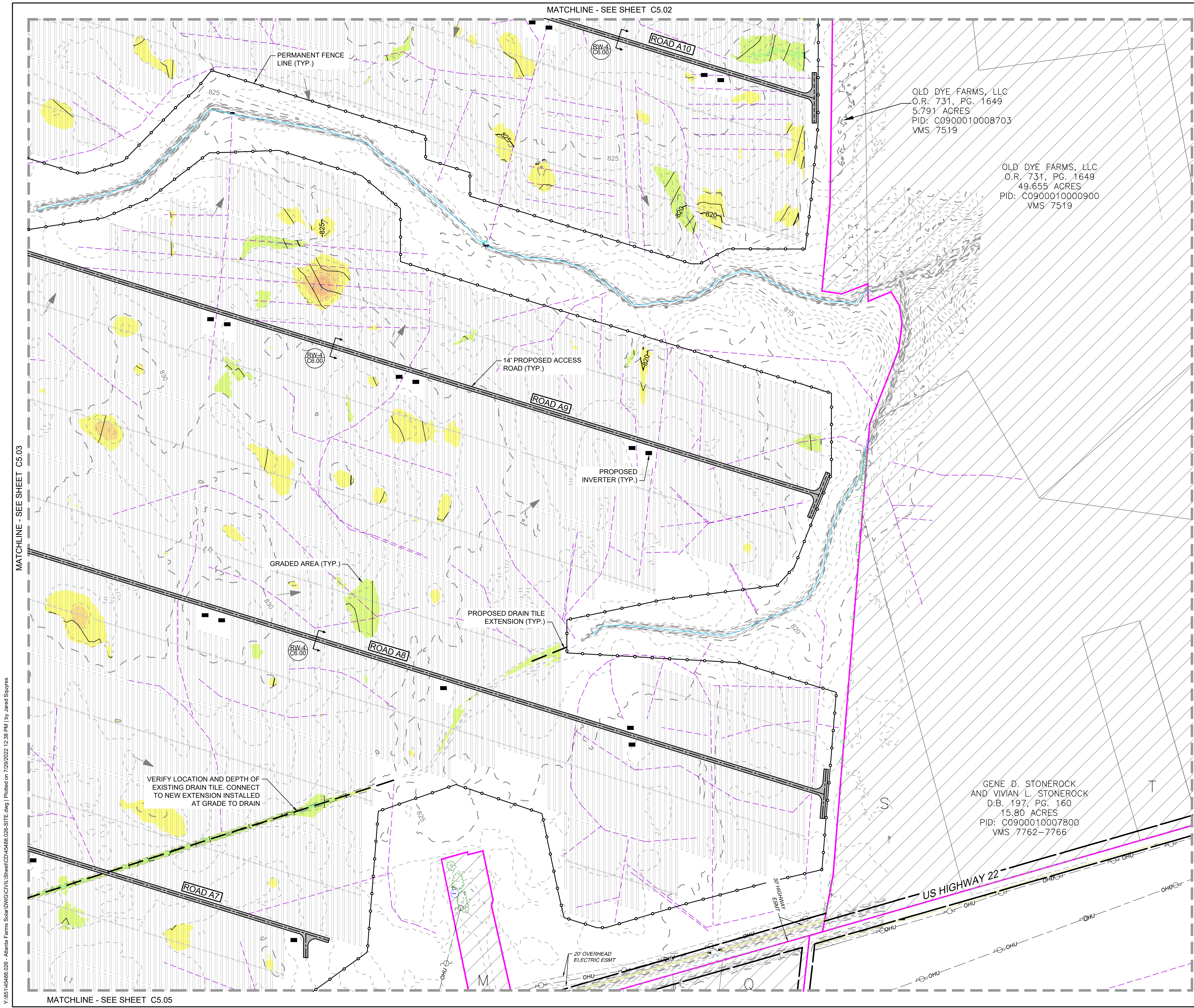
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DRAWING DESCRIPTION

SITE LAYOUT AND GRADING PLAN

PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE SHEET NUMBER
1"=200' C5.03



EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED LEGEND

- PERMANENT FENCE
- TRACKER
- 18' PRIMARY ACCESS ROAD
- 18' TEMPORARY ACCESS ROAD
- ATI MOTOR AND DRIVELINE
- INVERTER LOCATION
- COLLECTION LINE
- GATE LOCATION
- DRIVEWAY ACCESS
- PROPOSED 1' CONTOUR
- CULVERT
- DRAIN TILE

GRADING EXTENTS LEGEND

CUT: > 3'
CUT: 3' - 2'
CUT: 2' - 1'
CUT: 1' - 0'
FILL: 0' - 1'
FILL: 1' - 2'
FILL: 2' - 3'
FILL: > 3'

- NOTES:
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KEYMAP

SCALE 1"=200'

0 200' 400'

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SCOTTSDALE, AZ 85258

ATLANTA FARMS SOLAR
PICKAWAY COUNTY, OHIO

DATE: 7/29/2022
PROJECT NUMBER: 45488.026
PROJECT NAME: ATLANTA FARMS SOLAR
DESIGNED BY / DRAWN BY: J. SQUIRES / N. HOGYE

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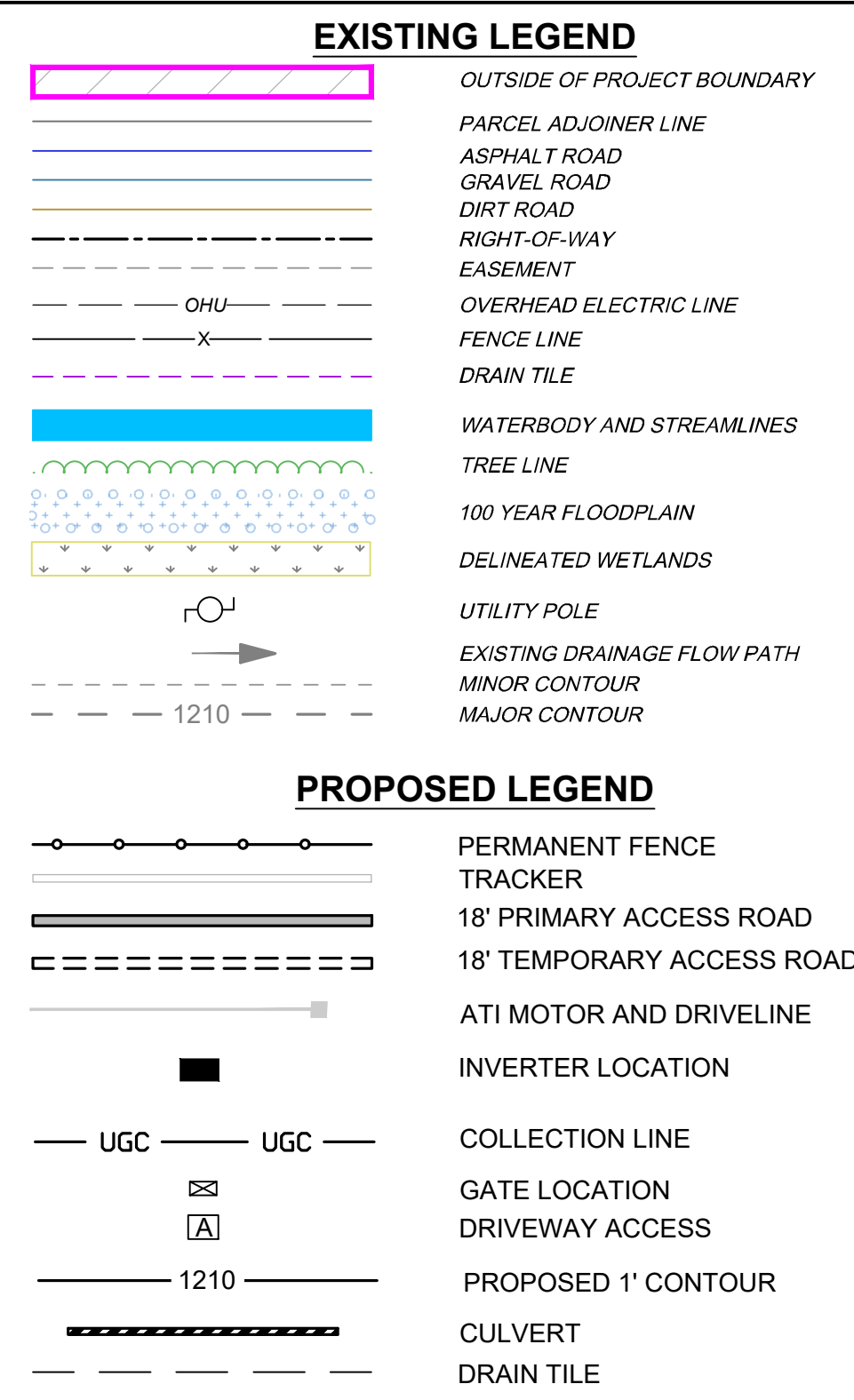
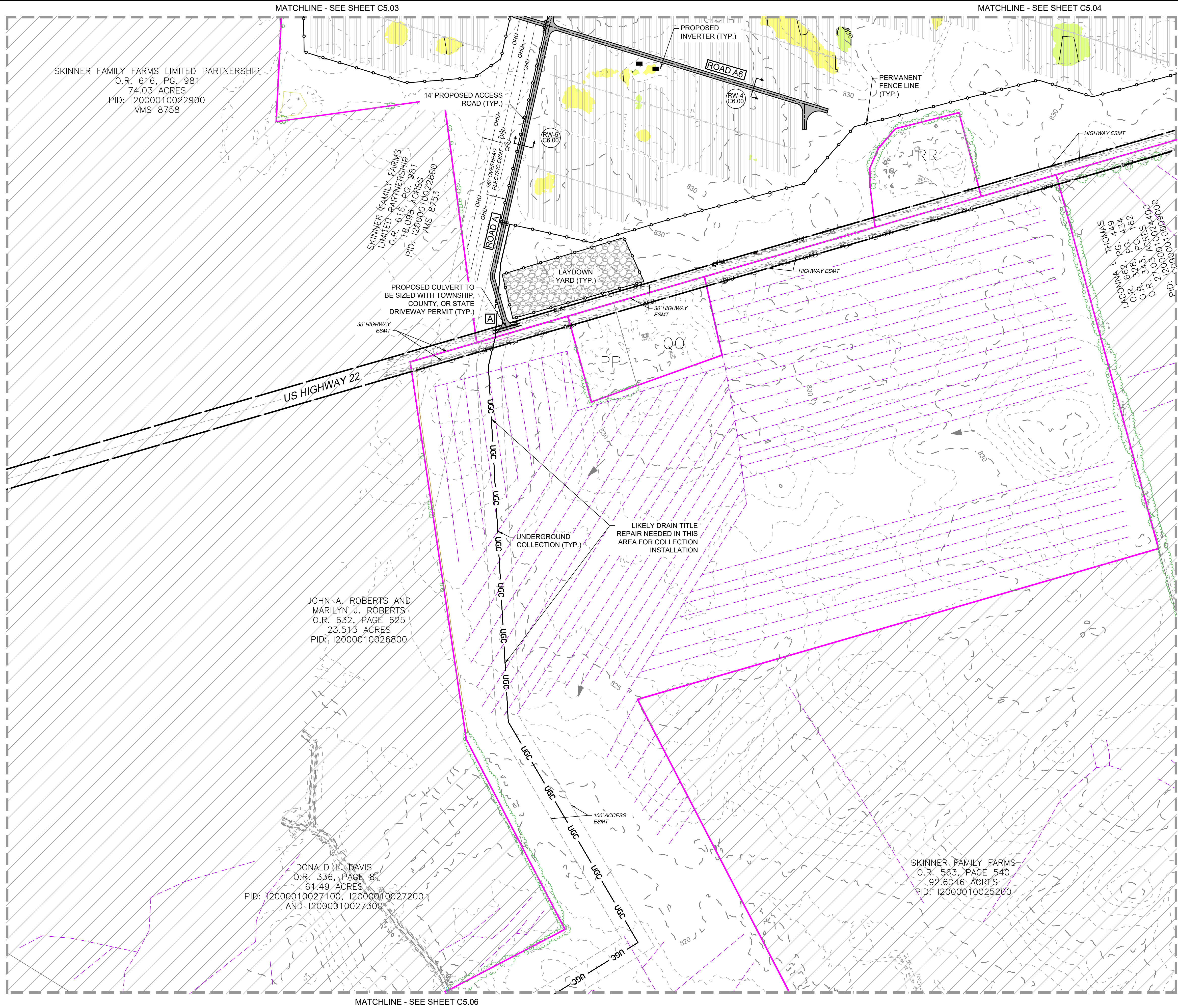
REVISIONS

#	DATE	DESCRIPTION
A	07/08/22	PROGRESS SET
B	07/15/22	30% PLANS ISSUE
C	07/22/22	60% PLANS ISSUE
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SITE LAYOUT AND GRADING PLAN

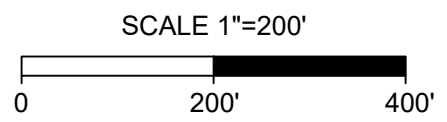
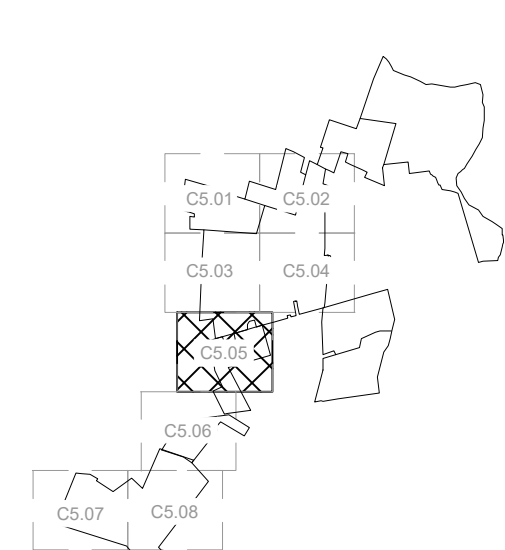
PLANS PRINTED AS 11x17 ARE HALF SCALE
SCALE SHEET NUMBER
1"=200' C5.04

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NOTES:

- MINOR SURFACE SMOOTHING (INCLUDING FILL) MAY BE NECESSARY FOR SOLAR PANEL INSTALLATION.
- GRADING ASSUMES TYPICAL ATI DURATRACK HZ V3 TRACKER WITH +/-12" OF UNDULATION TOLERANCE PER THE AVAILABLE TRACKER SPECIFICATIONS. EXCESS MATERIAL FROM CUT AREAS TO BE USED TO FILL LOW SPOTS OR REDUCE PILE REVEAL AS NECESSARY. REFER TO STRUCTURAL DRAWINGS FOR PILE EMBEDMENT REQUIREMENTS.
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STATE OF OHIO
JARED A. SQUIRES
E-558865
7/29/2022
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION

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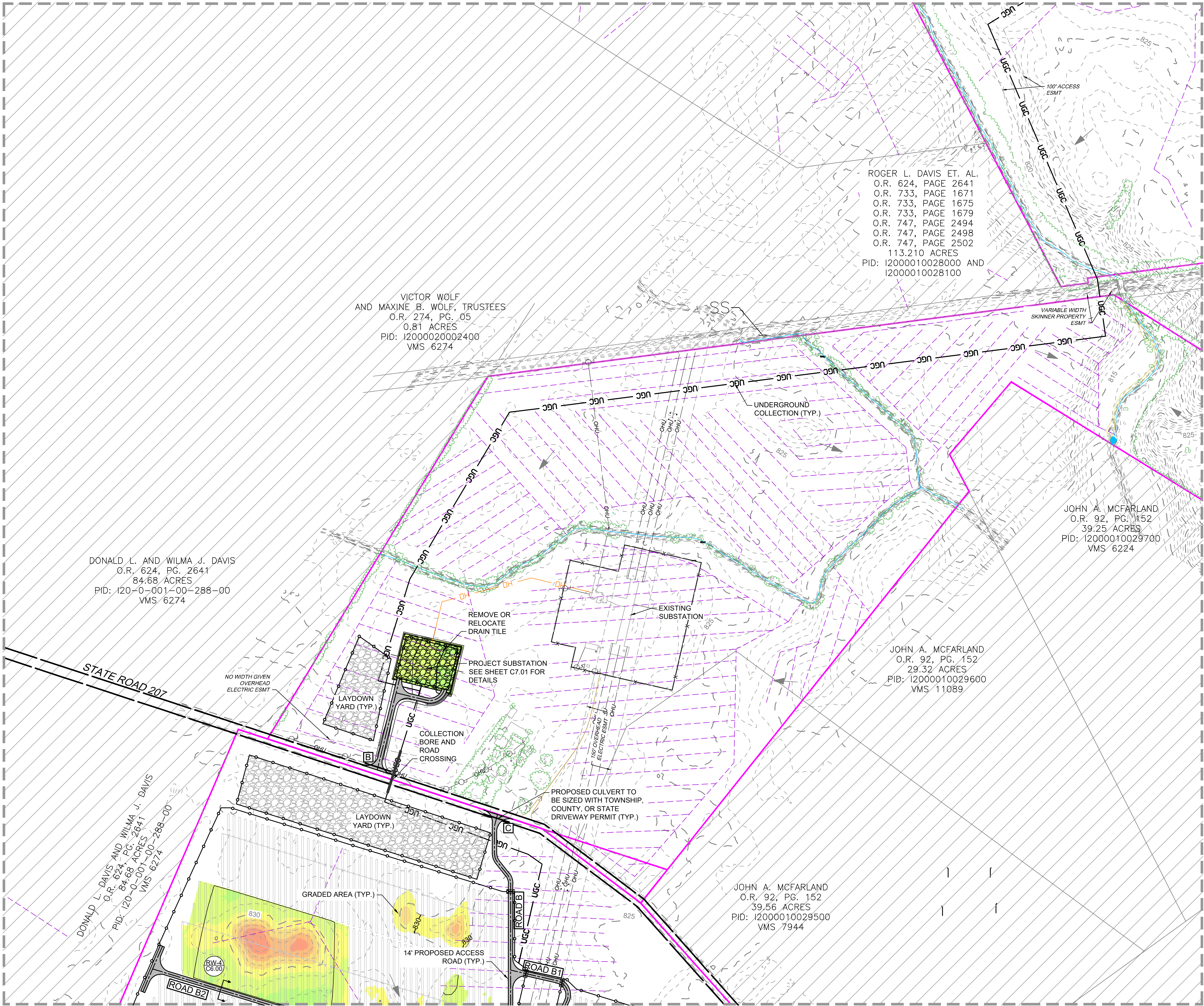
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SITE LAYOUT AND GRADING PLAN

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MATCHLINE - SEE SHEET C5.05



MATCHLINE - SEE SHEET C5.08

EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL ADJOINER LINE
- ASPHALT ROAD
- GRAVEL ROAD
- DIRT ROAD
- RIGHT-OF-WAY
- EASEMENT
- OVERHEAD ELECTRIC LINE
- FENCE LINE
- DRAIN TILE
- WATERBODY AND STREAMLINES
- TREE LINE
- 100 YEAR FLOODPLAIN
- DELINEATED WETLANDS
- UTILITY POLE
- EXISTING DRAINAGE FLOW PATH
- MINOR CONTOUR
- MAJOR CONTOUR

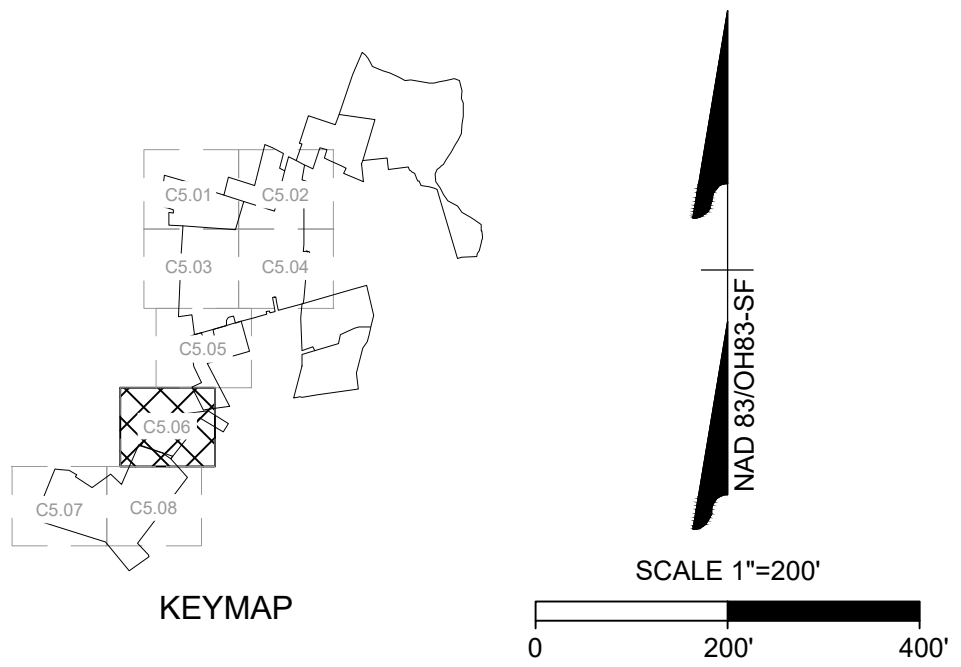
PROPOSED LEGEND

- PERMANENT FENCE
- TRACKER
- 18' PRIMARY ACCESS ROAD
- 18' TEMPORARY ACCESS ROAD
- ATI MOTOR AND DRIVELINE
- INVERTER LOCATION
- COLLECTION LINE
- GATE LOCATION
- DRIVEWAY ACCESS
- PROPOSED 1' CONTOUR
- CULVERT
- DRAIN TILE

GRADING EXTENTS LEGEND

- CUT: > 3'
- CUT: 3' - 2'
- CUT: 2' - 1'
- CUT: 1' - 0'
- FILL: 0' - 1'
- FILL: 1' - 2'
- FILL: 2' - 3'
- FILL: > 3'

- NOTES:
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STATE OF OHIO
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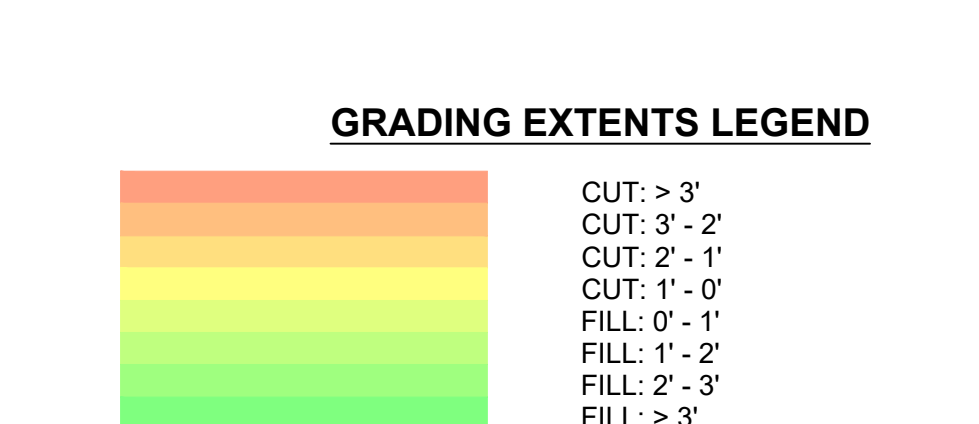
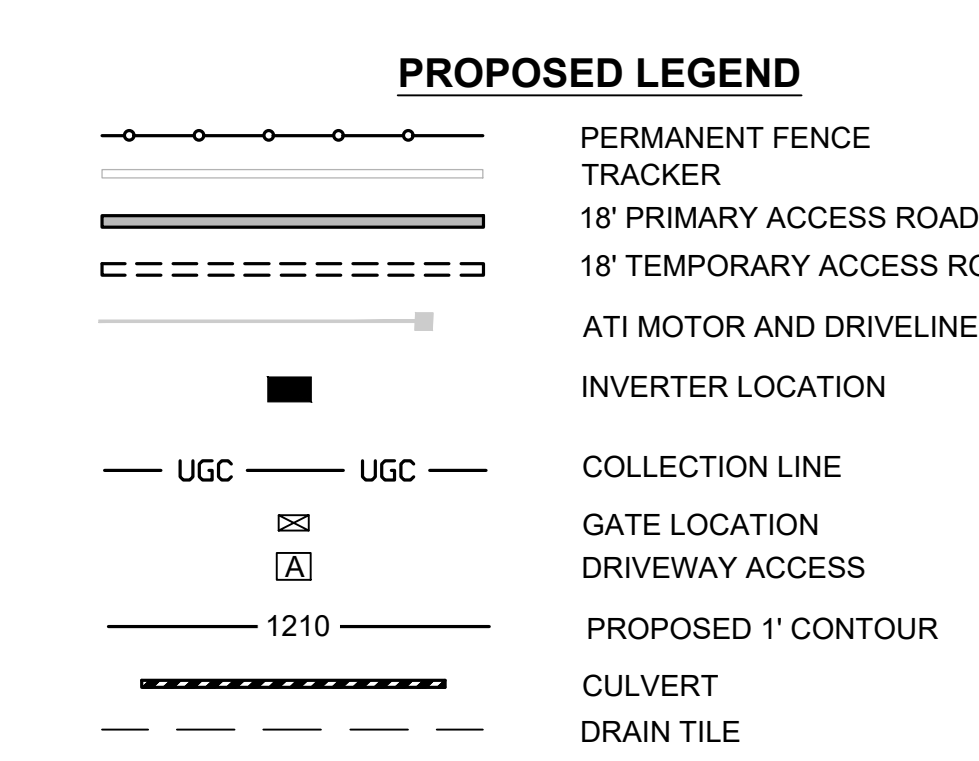
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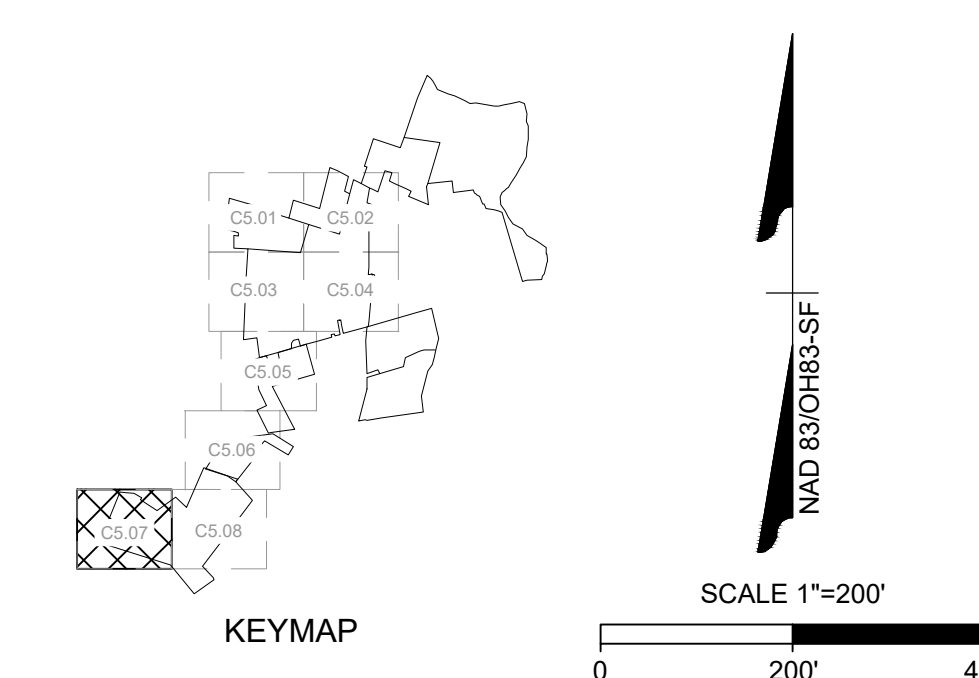
DRAWING DESCRIPTION




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SCALE	SHEET NUMBER
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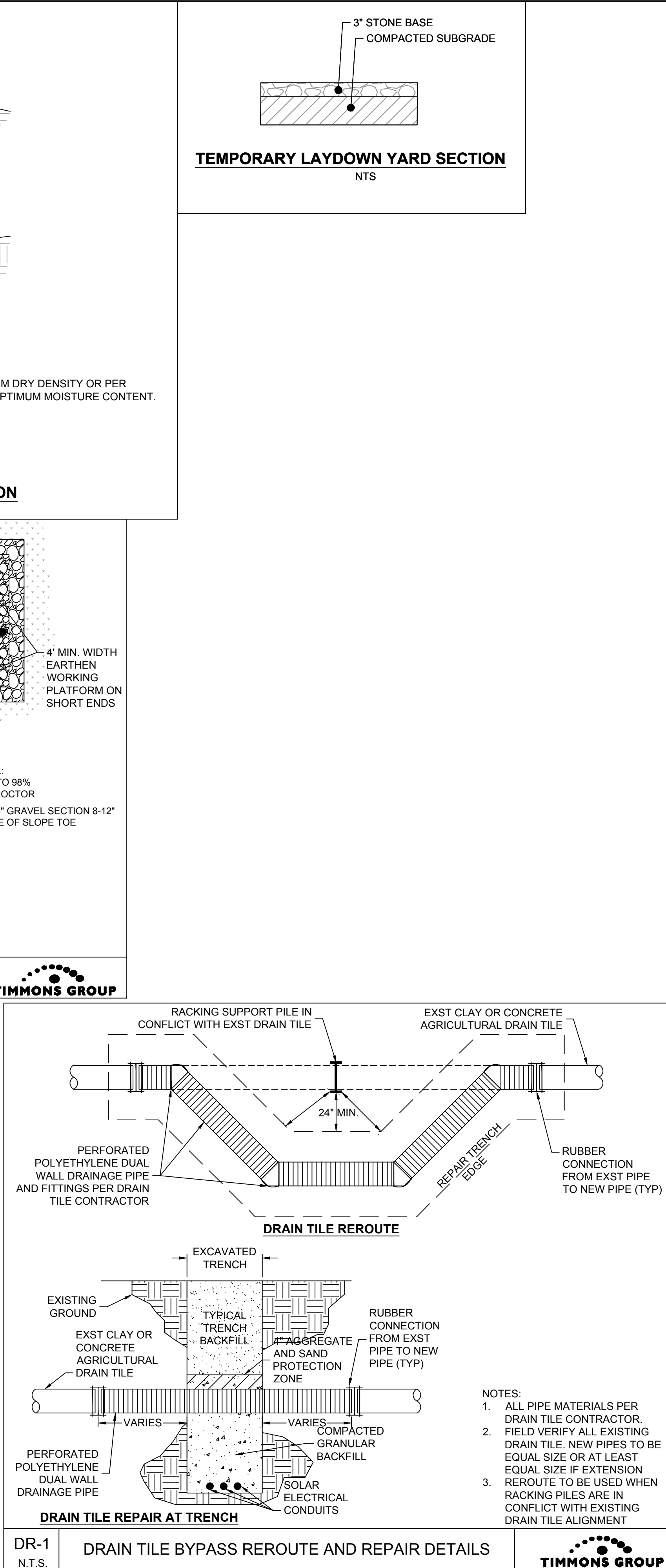
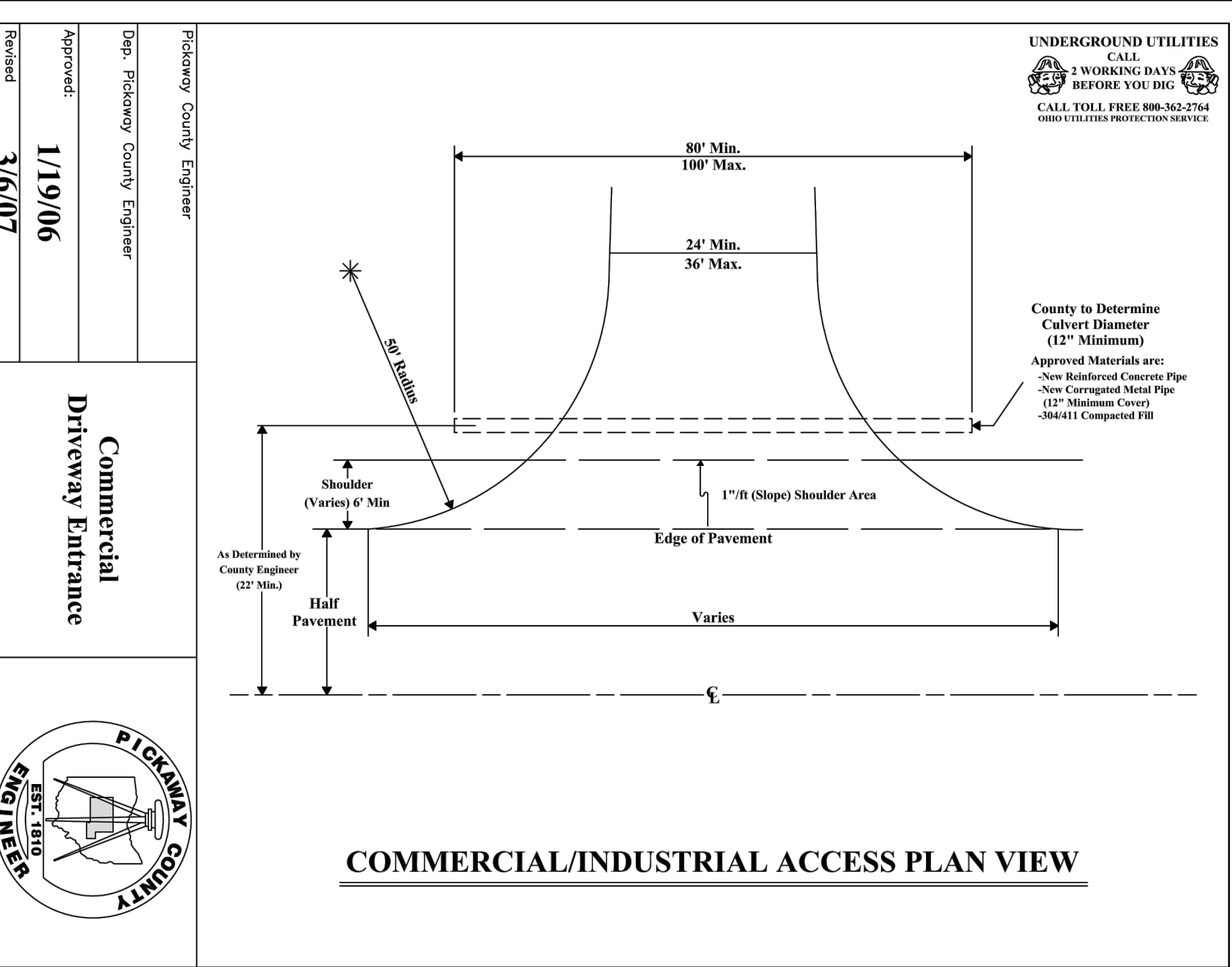
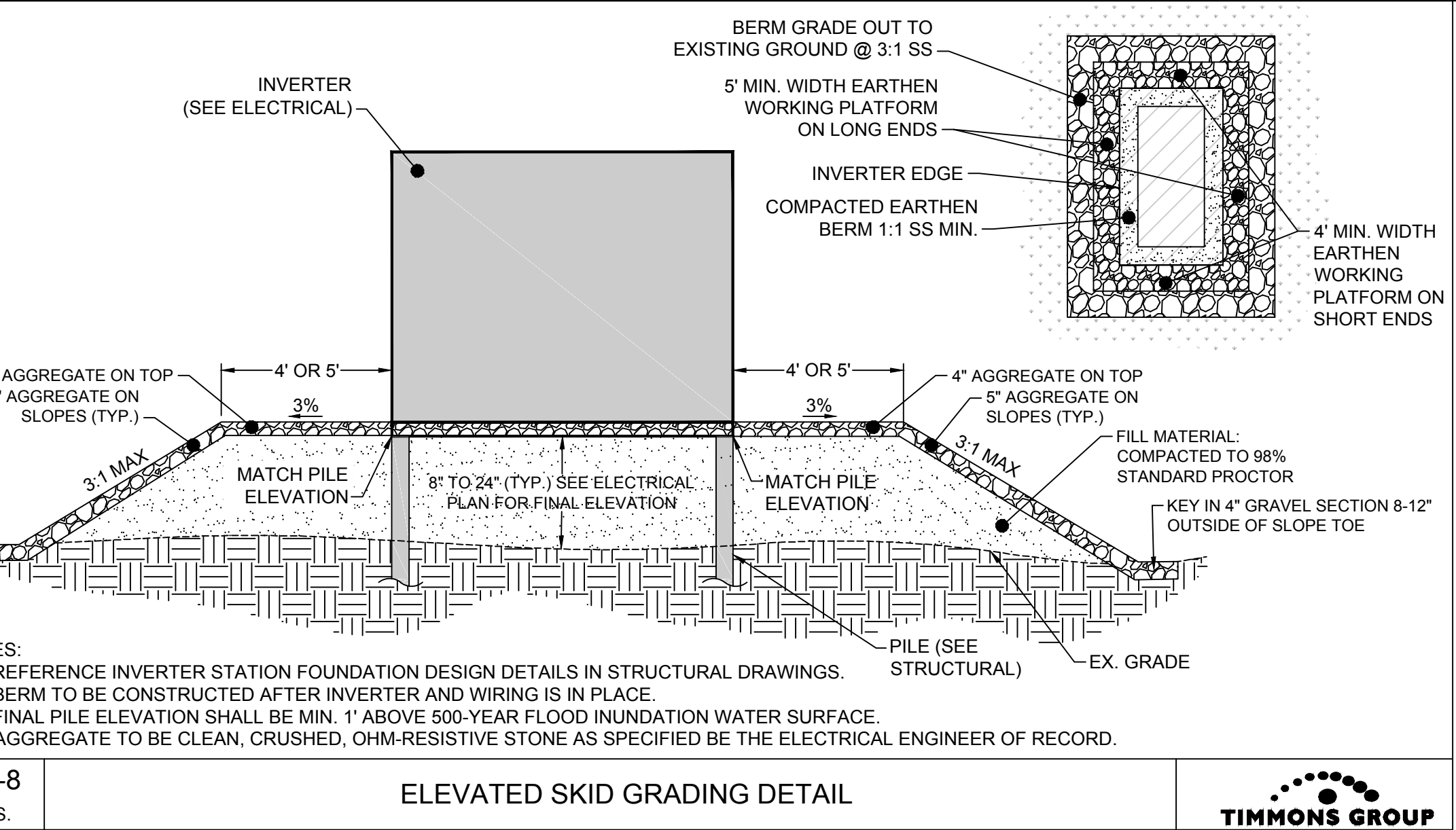
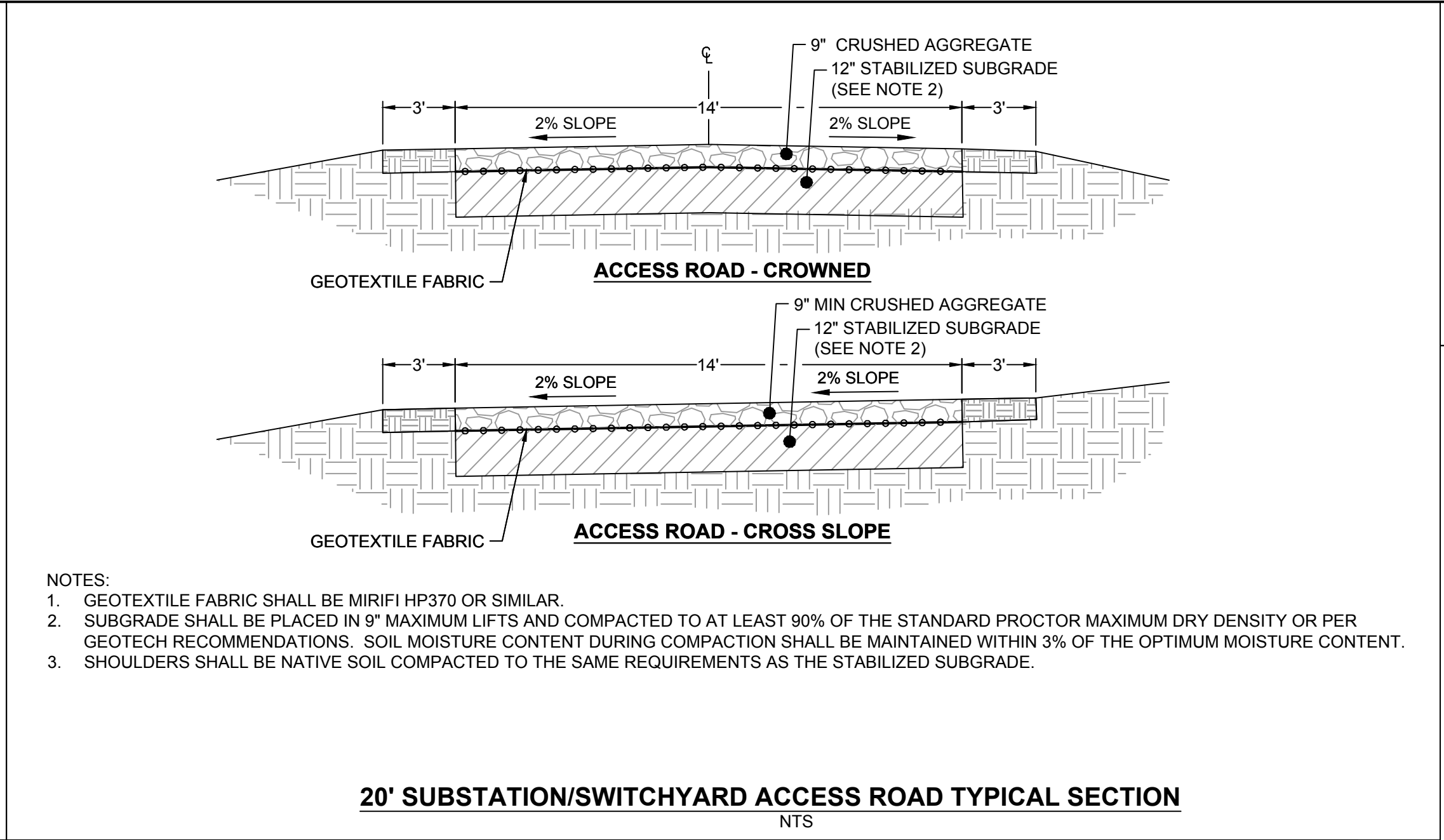
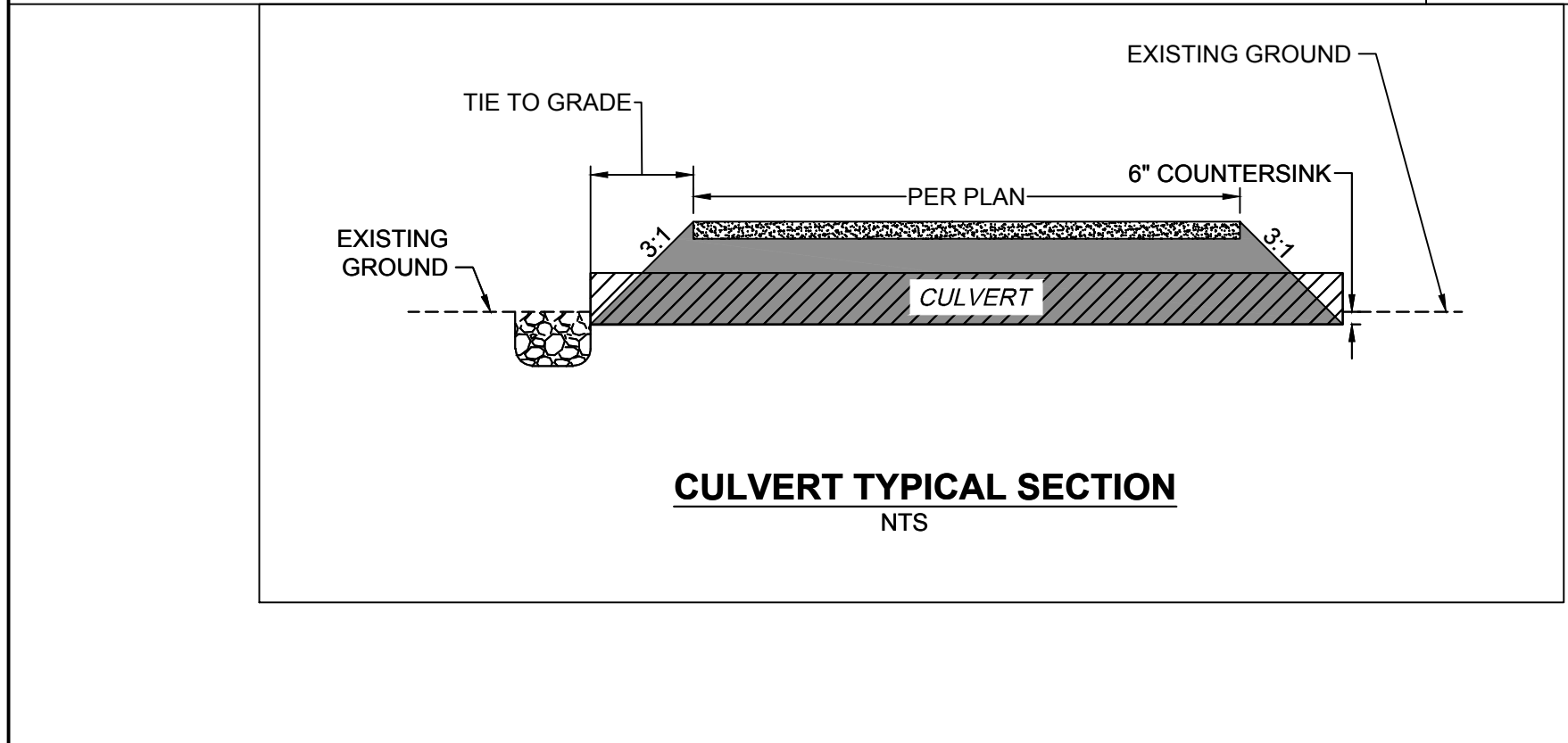
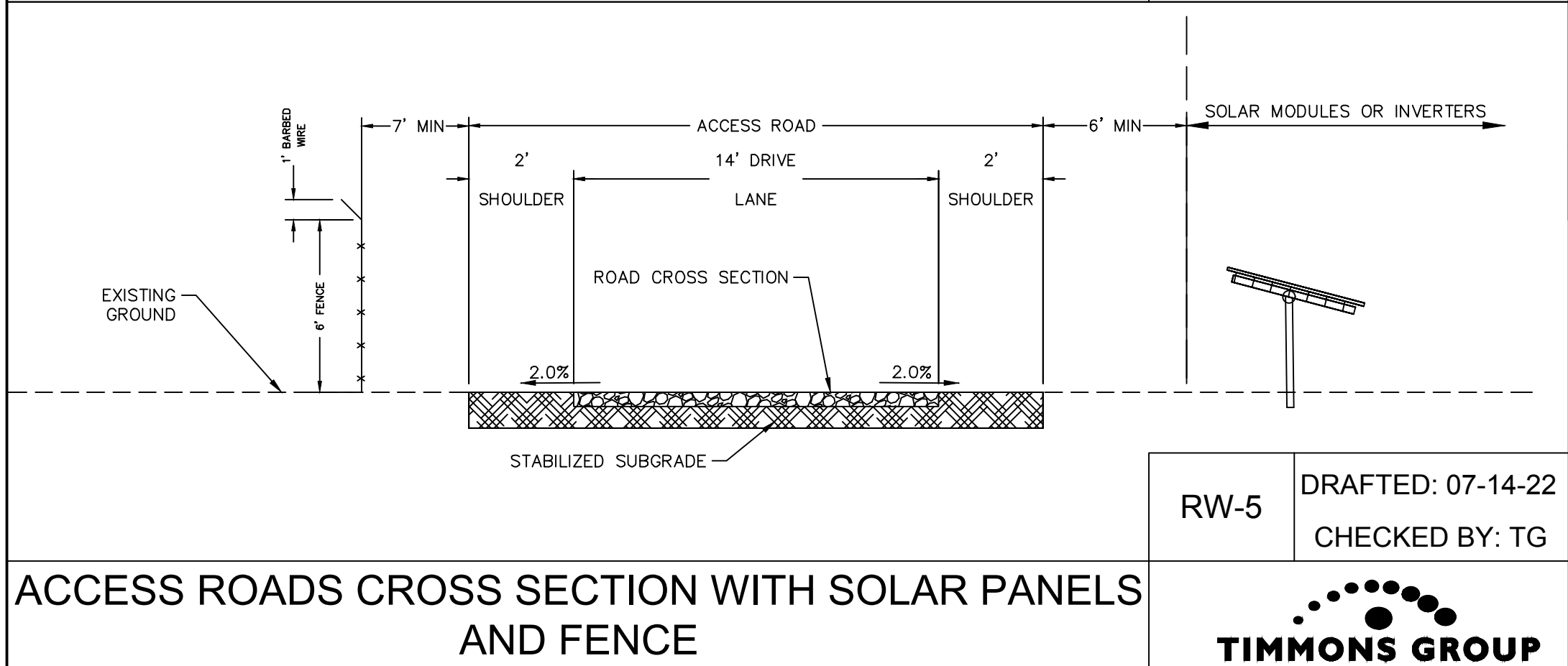
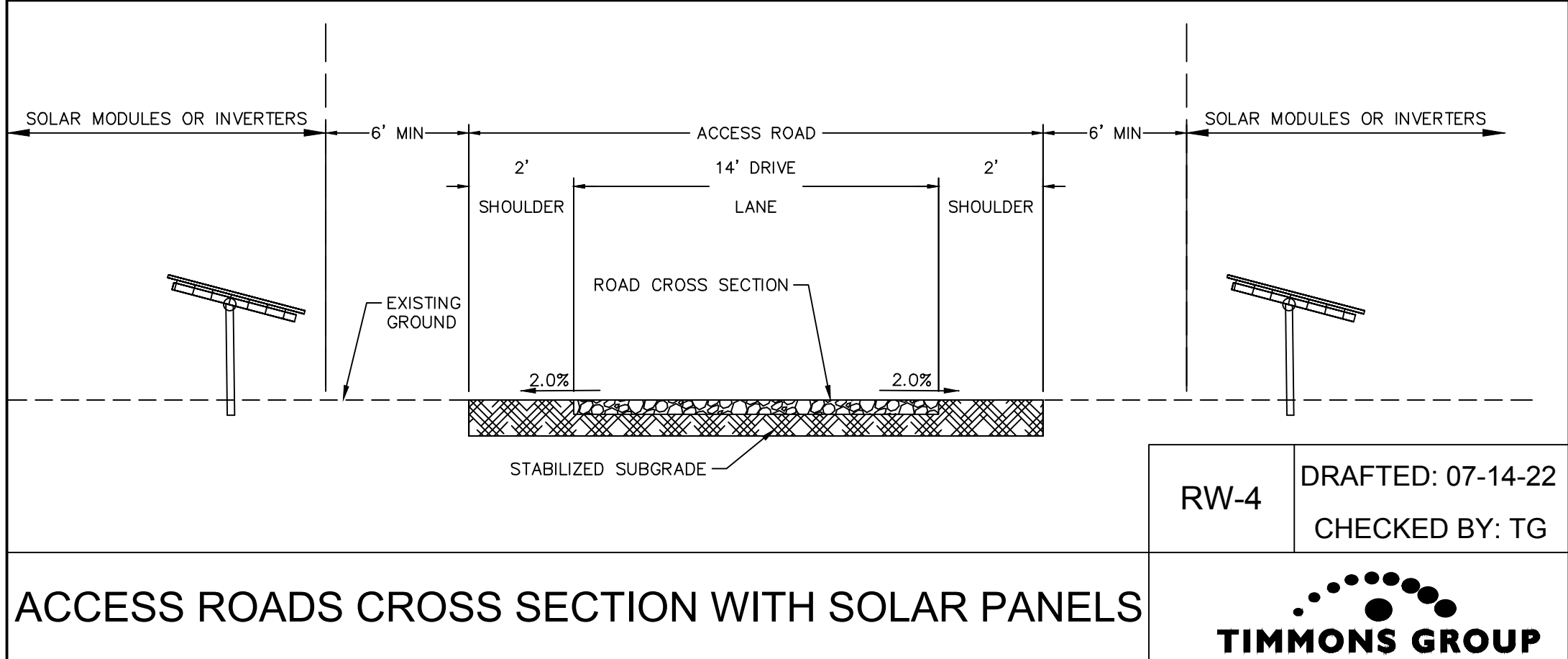
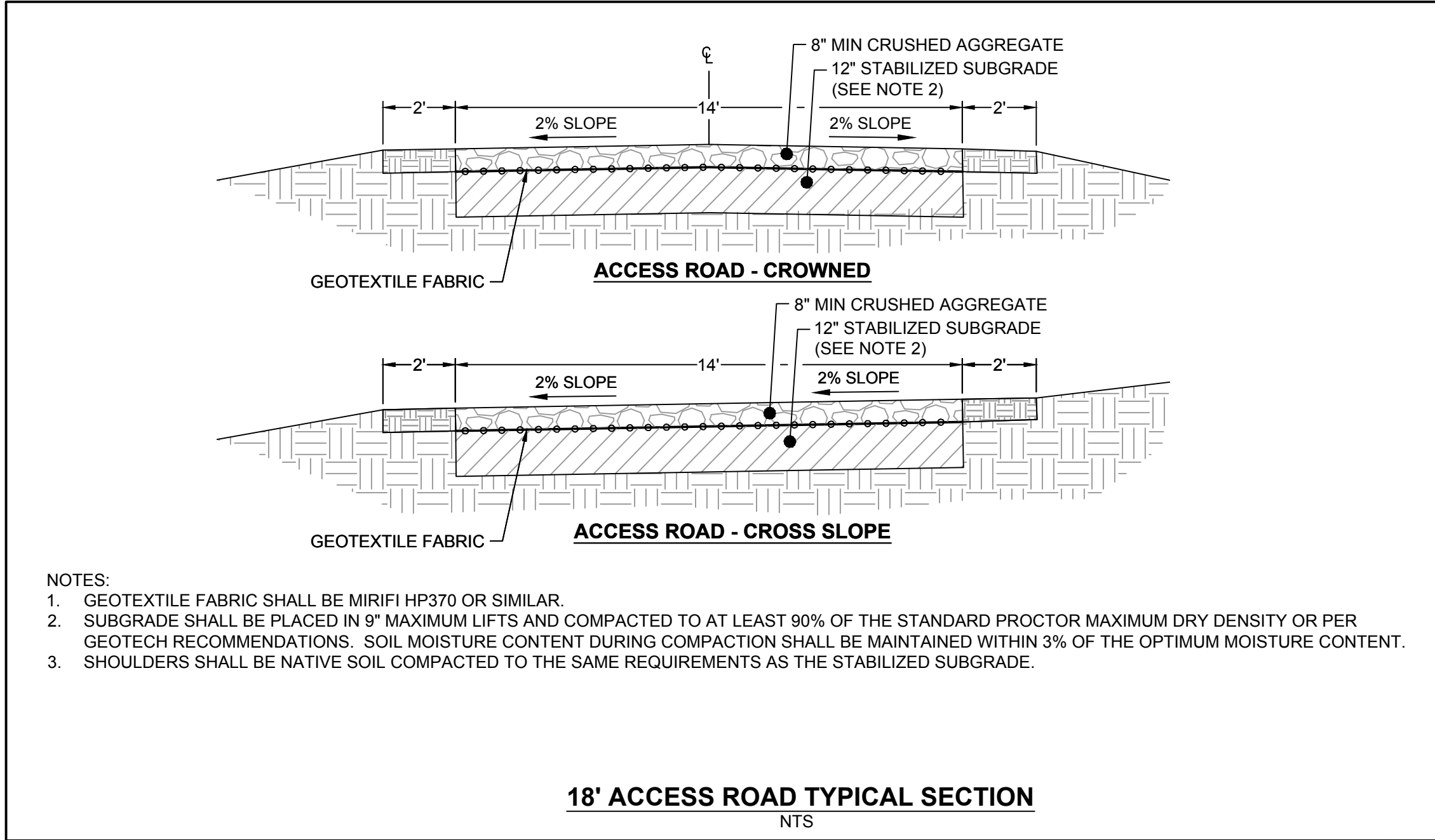


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CLIENT

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PROJECT NAME & ADDRESS

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PICKAWAY COUNTY, OHIO

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PROJECT NUMBER: 45488.026

PROJECT NAME: ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY: J. SQUYRES / N. HOGYE

STATE OF OHIO
JARED A. SQUYRES
E-55856
7/29/2022
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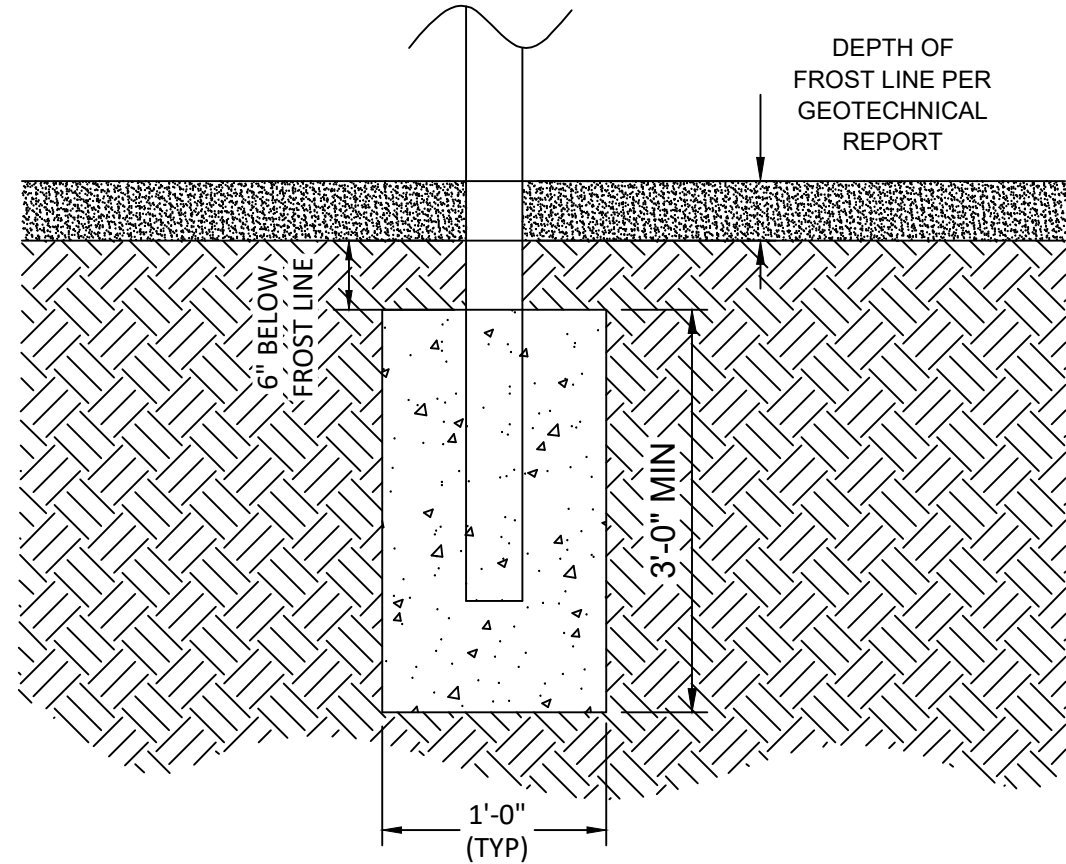
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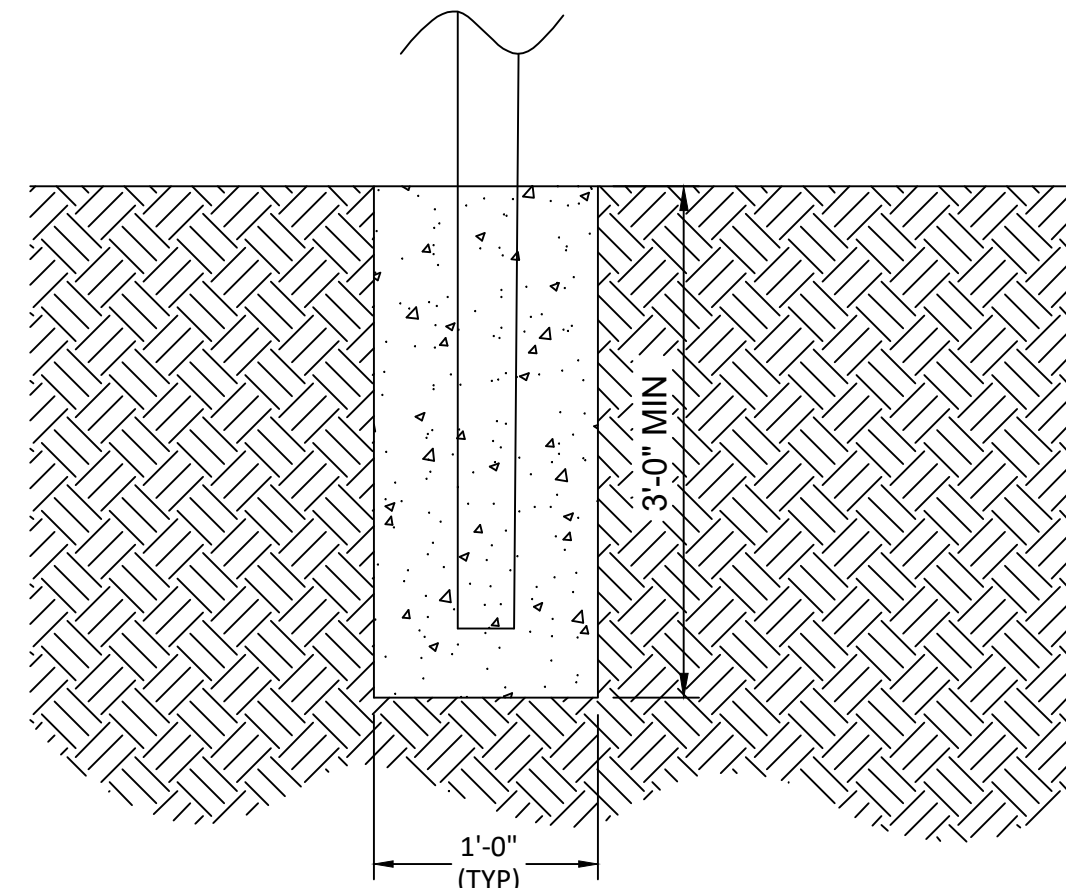
SITE NOTES AND DETAILS

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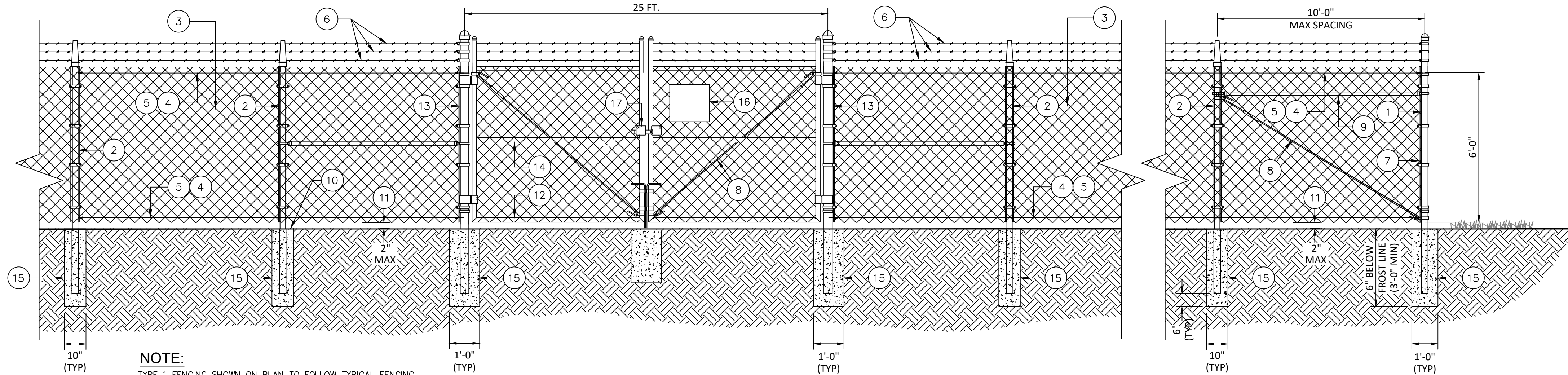
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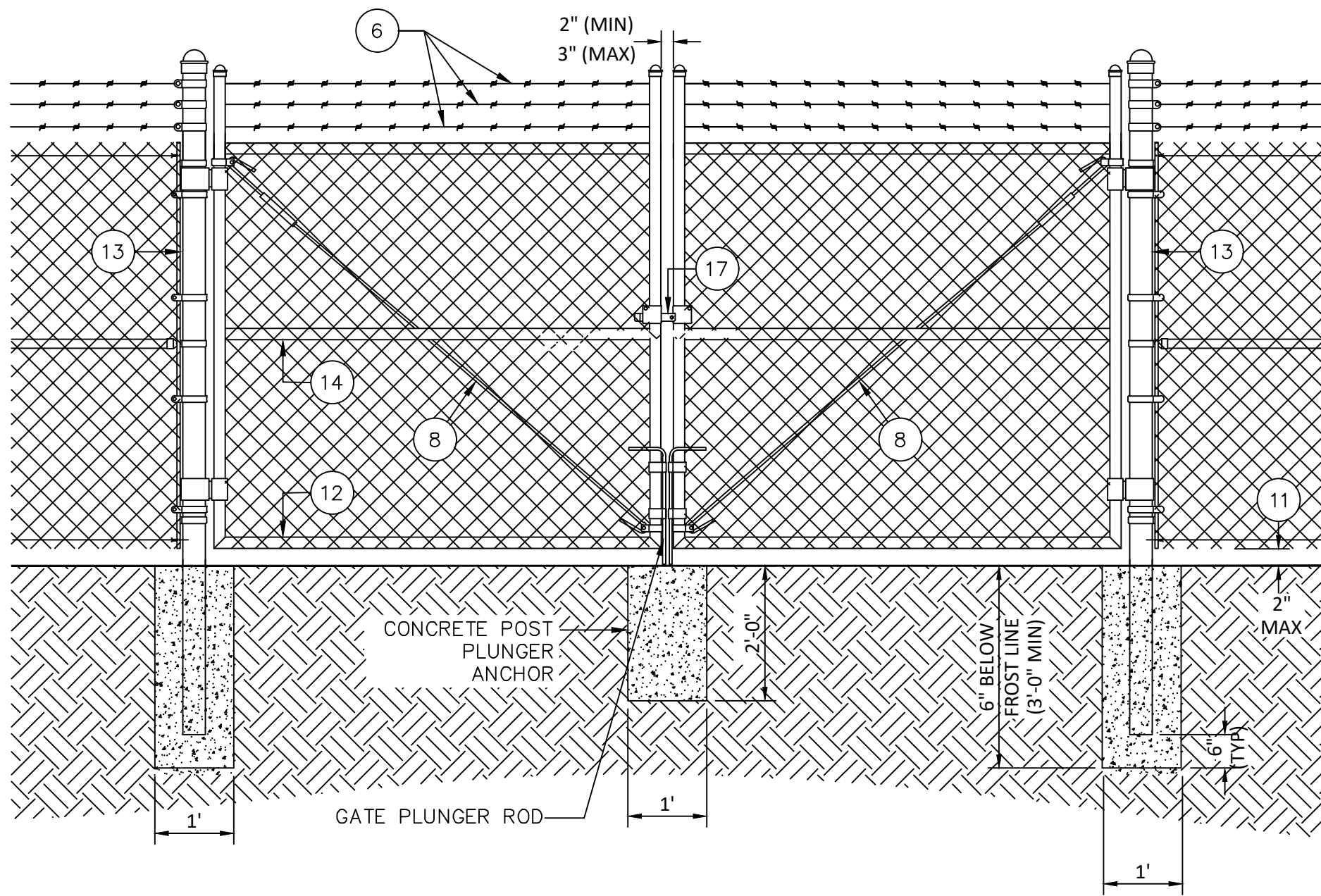
3 POST DETAIL W/ FROST LINE
N.T.S.



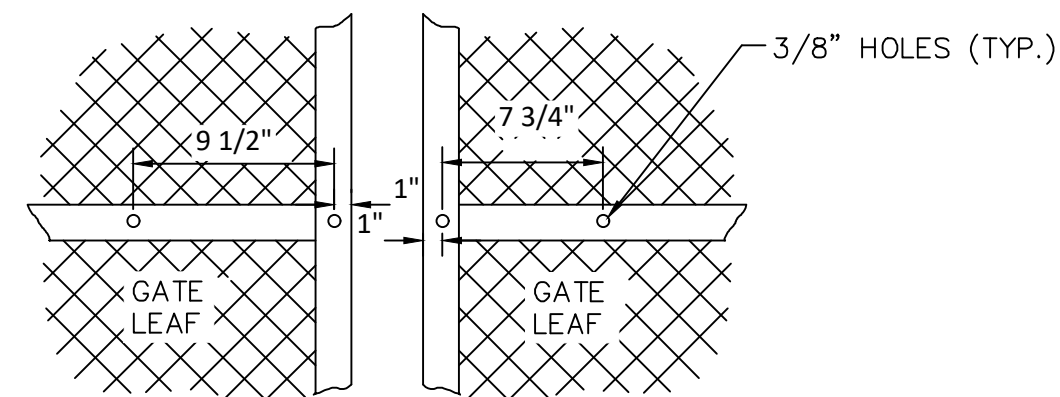
4 POST DETAIL WO/ FROST LINE
N.T.S.



1 TYPICAL FENCING DETAIL - TYPE 1
N.T.S.



2 DOUBLE SWING GATE DETAIL
N.T.S.



5 GATE FACE DETAIL
N.T.S.

REFERENCE NOTES

- CORNER, END OR PULL POST: 2 1/2" OD DQ-40 GALVANIZED STEEL.
- LINE POST: 2" OD DQ-20 GALVANIZED STEEL.
LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 10'-0" O.C.
- FABRIC: 11.5 GA, 2 3/8" MESH GALVANIZED CHAINLINK FENCE.
- TIE WIRE: 9 GA ALUMINUM TIE WIRE
- TENSION WIRE: 7 GA HIGH TENSION GALVANIZED STEEL.
- BARBED WIRE: CLASS 1 BARBWIRE, 14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS, NOT APPLICABLE FOR TYPE 2 FENCE.
- 1/8" X 3/4" (MIN) FULL HEIGHT STRETCHER BAR.
- 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
- FENCE CORNER POST BRACE: 1 5/8" AP 40 PIPE TO BE 1' BELOW TOP OF FABRIC.
- FENCE POST FOUNDATION TO BE LEFT AT FINISH GRADE.
- 2" MAXIMUM CLEARANCE FROM BOTTOM OF FENCE FABRIC TO TOP OF FINISH GRADE.
- WELDED GATE FRAME: 1 5/8" DQ40 PIPE, PER ASTM F1043 CLASS 1C.
- GATE POST 4" O.D., AP 40 PIPE, PER ASTM F1043 CLASS 1C.
- GATE FRAME BRACE RAIL: 1 5/8" AP 40 PIPE, PER ASTM F1043 CLASS 1C.
- CONCRETE FOUNDATION (MIN 3000 PSI),
MINIMUM DEPTH: 3' OR 6" BELOW FROST LINE, WHICHEVER IS GREATER
- SITE IDENTIFICATION SIGN. DISPLAYED INFORMATION TO INCLUDE PROPERTY OWNER'S NAME, SITE OPERATOR'S NAME, SITE ADDRESS, SITE SECTION, TOWNSHIP, AND RANGE.
- STRONG ARM GATE LATCH

GENERAL NOTES

- INSTALL FENCING PER ASTM F-567.
- INSTALL SWING GATES PER ASTM F-900.
- POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE GALVANIZED (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (2) COATS OF X-0 RUST PROFESSIONAL ALUMINUM PAINT.
- ALL OPEN POSTS SHALL HAVE END-CAPS.
- G.C. RESPONSIBLE FOR GATE LOCK.
- CONCRETE TO BE 3000 PSI PER ACI 318-08.

ALL FENCING TO BE INSTALLED
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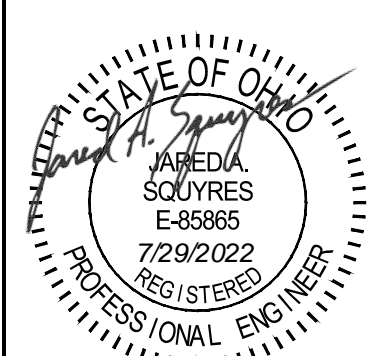
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PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUIRES / N. HOGYE



NOT FOR CONSTRUCTION

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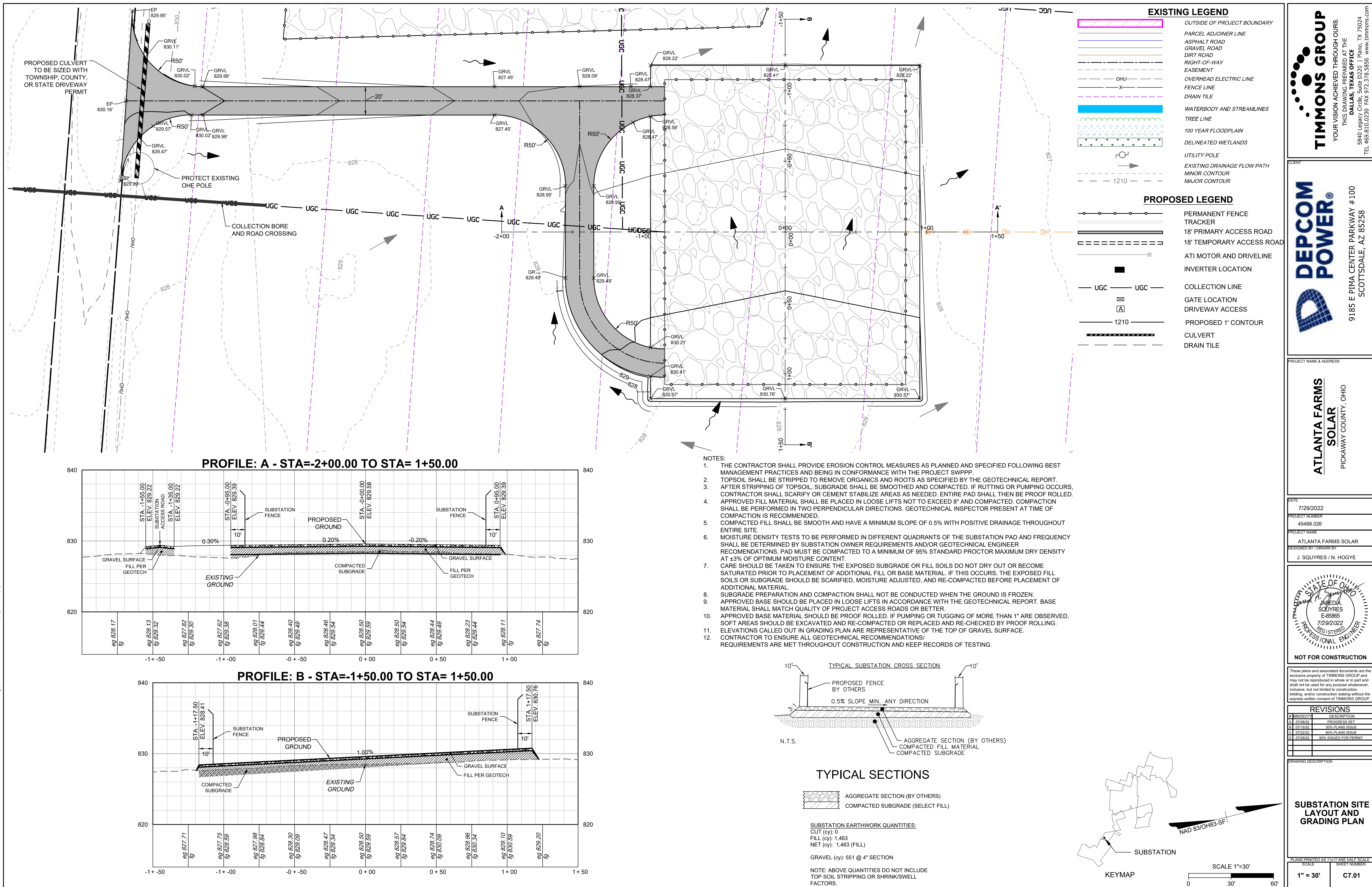
REVISIONS	
#	DESCRIPTION
A	07/08/22 PROGRESS SET
B	07/15/22 30% PLANS ISSUE
C	07/22/22 60% PLANS ISSUE
D	07/29/22 90% ISSUED FOR PERMIT

DRAWING DESCRIPTION

**SITE NOTES AND
DETAILS**

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
N/A	C6.01



INTRODUCTION

THE PURPOSE OF THIS STORM WATER ANALYSIS IS TO PROVIDE AN EXPLANATION OF THE PROJECT'S STORM WATER AND SEDIMENT CONTROLS DURING AND POST CONSTRUCTION. THIS ANALYSIS, INC COMBINATION WITH OTHER PLAN SHEETS IN THIS DESIGN, WILL SHOW THE MEASURES THAT WILL BE IMPLEMENTED IN COMPLIANCE WITH THE PICKAWAY COUNTY AND THE OHIO EPA RULES AND REGULATIONS FOR STORMWATER MANAGEMENT AND SEDIMENT CONTROL. THE ANALYSIS IN THIS REPORT INTENDS TO AND DOES SHOW THAT THE POST CONSTRUCTION LAND COVER WILL REDUCE THE STORM WATER RUNOFF CREATED FROM DEVELOPMENT OF THE PROJECT AND THAT NOT PERMANENT STRUCTURAL CONTROLS OR ATTENUATION MEASURES ARE REQUIRED.

PROJECT BACKGROUND

THE PROJECT IS THE DEVELOPMENT OF A SOLAR POWER GENERATING FACILITY LOCATED IN PICKAWAY COUNTY. THE PROJECT STRETCHES PROPOSED IMPROVEMENTS TO ACCOMMODATE THIS DEVELOPMENT CONSIST OF GRAVEL ROADS, CHAIN-LINK SECURITY FENCING, INVERTERS, SOLAR PANEL ARRAYS, OTHER SOLAR FACILITY COMPONENTS, AND TEMPORARY STORMWATER MEASURES. PROPOSED SITE GRADING WILL BE NECESSARY FOR MEETING THE SOLAR PANEL TRACKING SYSTEM REQUIREMENTS AND FOR ADEQUATELY MANAGING STORMWATER RUNOFF. TEMPORARY MEASURES DURING CONSTRUCTION WILL BE UTILIZED TO ACCOMMODATE SEDIMENT CONTROL REQUIREMENTS AND NO PERMANENT STORM WATER ATTENUATION MEASURES BEYOND VEGETATED COVER ARE PROPOSED.

METHODOLOGY

PER PICKAWAY COUNTY STANDARDS, ALL RUNOFF CALCULATIONS UTILIZED NRCS, TECHNICAL RELEASE 55. 1-YEAR TO 100-YEAR FREQUENCY, 24-HOUR STORMS WERE USED FOR DETERMINING RUNOFF VOLUMES AND RATES. THE NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATES WERE ALSO USED.

LIDAR DATA WAS USED FOR THE EXISTING TOPOGRAPHY ON THIS PROJECT. IT IS ASSUMED NATURAL DRAINAGE AND WATERSHEDS ARE GENERALLY UNCHANGED DUE TO THE SMALL AMOUNT OF GRADING NECESSARY. WITH THIS ASSUMPTION DRAINAGE AREAS WERE DELINEATED FOR POINTS THAT LEAVE THE PROJECT SITE. TO DETERMINE THE AREAS CONSIDERED "DISTURBED" FOR THIS PROJECT, AREAS WERE TAKEN FROM CAD MODELS USED IN THESE PLANS. FROM THESE, AREAS FOR GRADING, ROADS, AND/OR LAYDOWN YARDS WERE CALCULATED FOR EACH DRAINAGE AREA. IT IS ASSUMED THAT ALL GRADED AREAS WILL BE RETURNED TO AN UNCOMPACTED AND PROPERLY RESTORED VEGETATIVE STATE AFTER THE SOLAR PLANT CONSTRUCTION.

THE SOIL GROUPS ON THE SITE CONSISTS OF TYPE A, B, C, AND D. THE LAND COVER CONSISTS OF DECIDUOUS FOREST, HAY/PASTURE, CULTIVATED CROPS, HERBACEOUS, DEVELOPED, AND HERBACEOUS. ATTACHED ARE DETAILED CALCULATIONS FOR THE COMPOSITE C/N'S USED.

STORMWATER QUALITY

THE STORM WATER QUALITY SHALL MEET ALL OF THE REQUIREMENTS SET FORTH IN THE MOST RECENT VERSION OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY'S "GENERAL PERMIT AUTHORIZATIONS FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM", BY PROVIDING TEMPORARY MEASURES SUCH AS SILT FENCE, SEDIMENT TRAPS, AND SEVERAL TEMPORARY BASINS.

THE EVENTUAL CONTRACTOR WILL SELECT, INSTALL, IMPLEMENT, AND MAINTAIN APPROPRIATE BMP'S AT THE CONSTRUCTION SITE THAT MINIMIZE POLLUTANTS IN THE DISCHARGE AS NECESSARY TO MEET/OR EXCEED APPLICABLE WATER QUALITY STANDARDS. THE PROPOSED BEST MANAGEMENT PRACTICES (BMPs) USED ON THIS SITE ARE SILT FENCE, FIBER ROLLS, ROCK ENTRANCE, SILT FENCE OUTLET, RIPRAP AT TEMPORARY CULVERTS, CONCRETE WASHOUT AREA, EROSION CONTROL BLANKETS, SKIMMER SEDIMENT BASINS, AND BAFFLES AND WILL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE SWPPP PLAN.

TEMPORARY MEASURES ARE FURTHER SHOWN ON SHEET SERIES C2.00 AND C3.00.

POST DEVELOPMENT STORM WATER QUALITY WILL NOT BE AN ISSUE WITH THE MAJORITY OF THE SITE AS IT WILL REMAIN VEGETATED. PERMANENT ROADS AND OTHER GENERALLY IMPERVIOUS SURFACES WILL HAVE GRASSED BUFFERS EXCEEDING THE MINIMUM LENGTHS NECESSARY TO ACT AS FILTERS BEFORE DISCHARGING TO NATURAL CHANNELS IN THE AREA.

STORMWATER QUANTITY

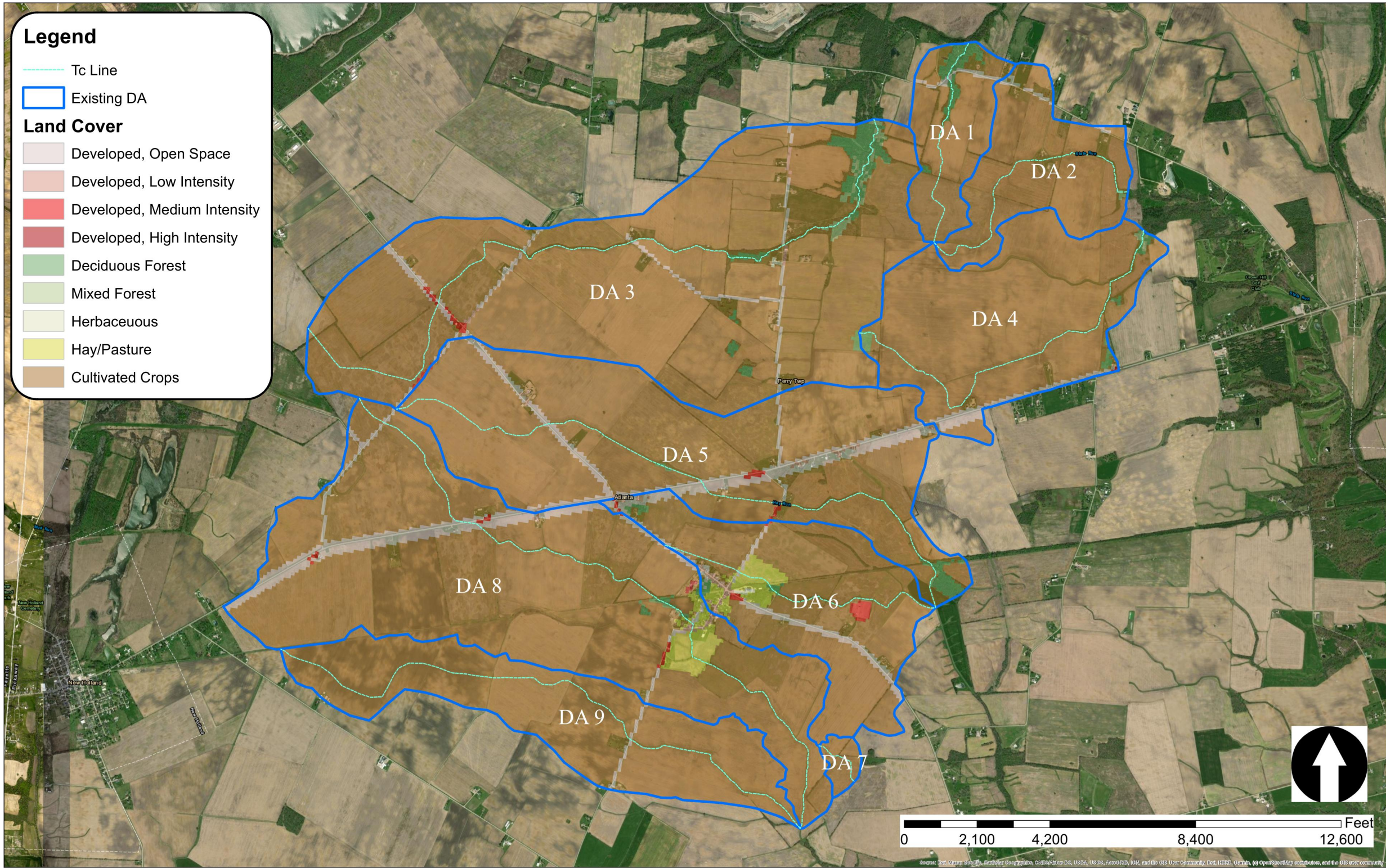
PER THE OHIO EPA "GUIDANCE ON POST-CONSTRUCTION STORMWATER MANAGEMENT FOR SOLAR PANEL FIELDS", STORM WATER RUNOFF FROM THE SOLAR MODULES CAN BE MANAGED BY DISCONNECTION TO THE VEGETATED GROUND SURFACE UNDER AND BETWEEN THE ELEVATED PANELS PROVIDED DENSE AND HEALTHY VEGETATION CAN BE MAINTAINED OVER THE ENTIRE SURFACE AND THAT DISTURBED AREAS ARE RESTORED TO UNCOMPACTED SEMI-NATURAL STATES.

FOR THIS METHODOLOGY TO BE SHOWN AS VALID, THE DISCONNECTION LENGTH BETWEEN MODULES AND TRACKERS NEEDS TO BE DETERMINED. THE DISCONNECTION LENGTH NEEDED BASED UPON THE WIDTH OF PANEL IS CALCULATED AS FOLLOWS: WHERE THE ENTIRE PANEL AREA IS GRASS, IT IS THE RATIO OF WPANEL TO WGAP FOR THE ENTIRE PANEL. THE GUIDANCE ASSUMES THE GROUND SUPPORT STRUCTURE AND FOUNDATION ARE MINIMAL. WILL ALLOW VEGETATION. AND WILL NOT DISRUPT SHEET FLOW. IN THE CASE OF THIS SITE THE MODULES AND RACKING PANELS USED HAVE A MODULE WIDTH (WPANEL) OF 7.5', AND A ROW GAP (WGAP) OF 15.5'. FOR THIS PROJECT THE CALCULATED WPANEL TO WGAP RATIO IS 2.06:1 WHICH IS WELL IN EXCESS OF THE 1:1 RATIO NEEDED FOR RUNOFF REDUCTION CREDIT DESCRIBED IN THE OHIO EPA MEMO.

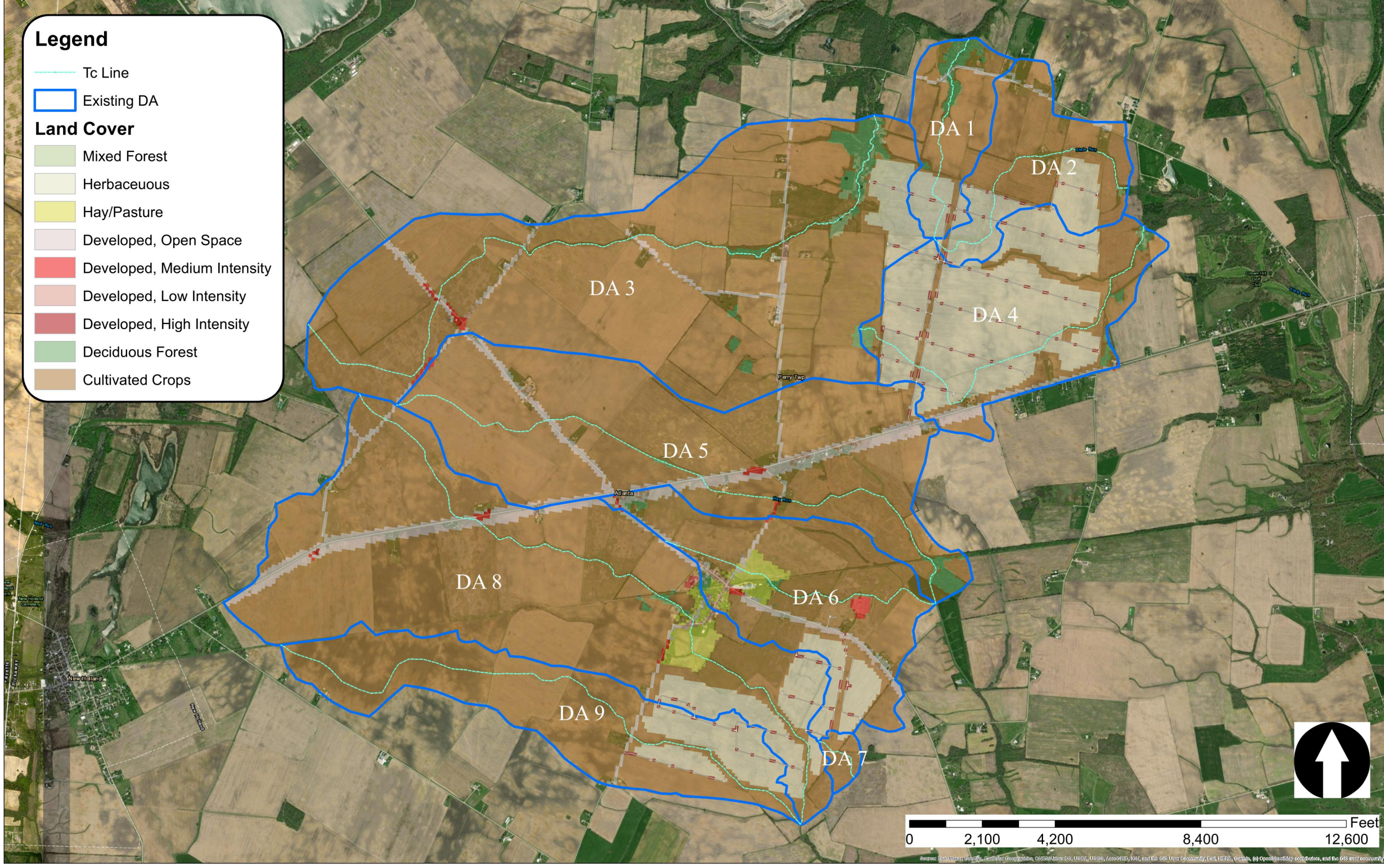
FOR PICKAWAY COUNTY, IT IS REQUIRED THAT PRE-CONSTRUCTION STORMWATER RUNOFF RATES NOT EXCEED THE POST-CONSTRUCTION STORM WATER RATE OR ELSE ATTENUATION MEASURES ARE REQUIRED. TO DETERMINE WHICH STORMS NEED ATTENUATION, THE CRITICAL STORM METHOD IS USED FOR DELINEATED BASINS SHOWING LOCATIONS WHERE RUNOFF IS LEAVING THE PROJECT. AT THESE POINTS, IF THE POST RATE EXCEEDS THE PRE RATE, A STATED CRITERIA SETS THE STORM AT WHICH THE RELEASE RATE MUST REMAIN.

FOR TYPICAL SOLAR PROJECTS, IT IS COMMON FOR THE AGRICULTURAL CROP AREAS OR OTHER VEGETATION TO BE CHANGED TO MANAGED TURF FOR EASE OF FUTURE MAINTENANCE AND TO REDUCE THE NEED FOR IRRIGATION. FOR THE PURPOSES OF THIS ANALYSIS, IT IS ASSUMED THAT THE FINAL GROUND COVER INSTALLED UNDER THE SOLAR ARRAY FOR THIS PROJECT WILL FOLLOW THIS ASSUMPTION. THIS CHANGE WILL REDUCE THE ARRAY AREA LAND COVER'S CN REDUCED AS SHOWN IN TABLES ON THIS SHEET. AS GROUND SLOPE FOR THIS PROJECT IS ASSUMED TO REMAIN THE SAME, THIS REDUCTION IN CN HAS THE DIRECT RESULT OF REDUCING POTENTIAL RUNOFF. THE ANALYSIS ON THIS SHEET SHOWS THAT FOR ALL THE REQUIRED STORM EVENTS, THE POST-CONSTRUCTION RUNOFF RATE IS LESS THAN THE PRE-CONSTRUCTION RATE.

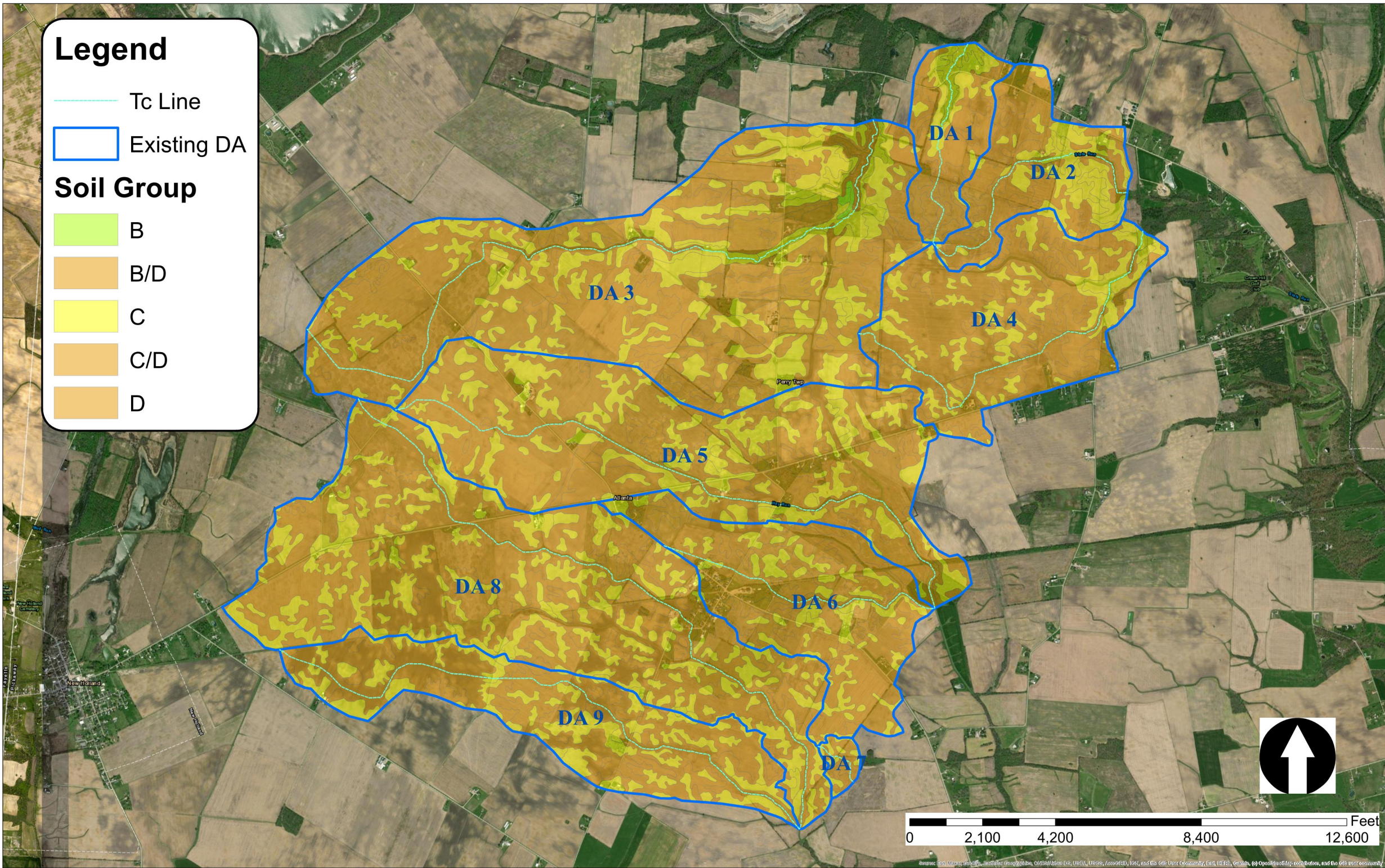
Summary of Runoff Depth and Peak Discharge																							
Drainage Area	RI Years	P (in)	Pre-Development							Post-Development							Percent Increase Q (Pct)						
			CNpre	Spre (in)	Qpre (in)	Ts (hr)	Is (in)	Is/P	qs (csm/in)	Ep	Area (in²/2)	qpre (cfs)	CNpost	Spost (in)	Qpost (in)	Ts (hr)		Is (in)	Is/P	qs (csm/in)	Ep	Area (in²/2)	qpost (cfs)
1	1	2.2	86	1.60	1.01	1.02	0.326	0.148	180	1.0	0.4	72	84	1.92	0.88	1.02	0.381	0.173	170	1.0	0.4	59	-13
	2	2.64	86	1.60	1.37	1.02	0.326	0.123	190	1.0	0.4	103	84	1.92	1.22	1.02	0.381	0.144	180	1.0	0.4	87	-11
	5	3.26	86	1.60	1.90	1.02	0.326	0.100	200	1.0	0.4	150	84	1.92	1.73	1.02	0.381	0.117	190	1.0	0.4	130	-9
	10	3.77	86	1.60	2.36	1.02	0.326	0.086	200	1.0	0.4	186	84	1.92	2.16	1.02	0.381	0.101	200	1.0	0.4	171	-8
	25	4.51	86	1.60	3.03	1.02	0.326	0.072	200	1.0	0.4	240	84	1.92	2.82	1.02	0.381	0.084	200	1.0	0.4	223	-7
	50	5.12	86	1.60	3.60	1.02	0.326	0.064	200	1.0	0.4	284	84	1.92	3.37	1.02	0.381	0.074	200	1.0	0.4	266	-6
100	5.77	86	1.60	4.21	1.02	0.326	0.056	200	1.0	0.4	333	84	1.92	3.97	1.02	0.381	0.066	200	1.0	0.4	314	-5	
2	1	2.2	87	1.43	1.10	1.51	0.299	0.136	150	1.0	0.6	100	84	1.93	0.88	1.51	0.381	0.173	140	1.0	0.6	74	-20
	2	2.64	87	1.43	1.46	1.51	0.299	0.113	155	1.0	0.6	137	84	1.93	1.21	1.51	0.381	0.144	150	1.0	0.6	110	-17
	5	3.26	87	1.43	2.01	1.51	0.299	0.092	160	1.0	0.6	195	84	1.93	1.72	1.51	0.381	0.117	155	1.0	0.6	161	-14
	10	3.77	87	1.43	2.47	1.51	0.299	0.079	160	1.0	0.6	239	84	1.93	2.15	1.51	0.381	0.101	160	1.0	0.6	209	-13
	25	4.51	87	1.43	3.16	1.51	0.299	0.066	160	1.0	0.6	306	84	1.93	2.81	1.51	0.381	0.084	160	1.0	0.6	272	-11
	50	5.12	87	1.43	3.73	1.51	0.299	0.058	160	1.0	0.6	361	84	1.93	3.36	1.51	0.381	0.074	160	1.0	0.6	326	-10
100	5.77	87	1.43	4.35	1.51	0.299	0.052	160	1.0	0.6	421	84	1.93	3.96	1.51	0.381	0.066	160	1.0	0.6	384	-9	
3	1	2.2	87	1.48	1.07	6.29	0.299	0.136	65	1.0	3.2	213	87	1.53	1.05	6.29	0.299	0.136	65	1.0	3.2	209	-3
	2	2.64	87	1.48	1.44	6.29	0.299	0.113	63	1.0	3.2	293	87	1.53	1.41	6.29	0.299	0.113	63	1.0	3.2	280	-2
	5	3.26	87	1.48	1.98	6.29	0.299	0.092	65	1.0	3.2	415	87	1.53	1.94	6.29	0.299	0.092	65	1.0	3.2	408	-2
	10	3.77	87	1.48	2.44	6.29	0.299	0.079	65	1.0	3.2	512	87	1.53	2.40	6.29	0.299	0.079	65	1.0	3.2	504	-3
	25	4.51	87	1.48	3.12	6.29	0.299	0.066	65	1.0	3.2	655	87	1.53	3.08	6.29	0.299	0.066	65	1.0	3.2	646	-1
	50	5.12	87	1.48	3.70	6.29	0.299	0.058	65	1.0	3.2	775	87	1.53	3.65	6.29	0.299	0.058	65	1.0	3.2	766	-1
100	5.77	87	1.48	4.31	6.29	0.299	0.052	65	1.0	3.2	905	87	1.53	4.27	6.29	0.299	0.052	65	1.0	3.2	895	-1	
4	1	2.2	88	1.42	1.10	3.34	0.273	0.124	95	1.0	1.2	127	80	2.57	0.67	3.34	0.500	0.227	80	1.0	1.2	65	-39
	2	2.64	88	1.42	1.47	3.34	0.273	0.103	100	1.0	1.2	178	80	2.57	0.96	3.34	0.500	0.189	85	1.0	1.2	99	-35
	5	3.26	88	1.42	2.02	3.34	0.273	0.084	100	1.0	1.2	245	80	2.57	1.42	3.34	0.500	0.153	90	1.0	1.2	155	-30
	10	3.77	88	1.42	2.48	3.34	0.273	0.072	100	1.0	1.2	301	80	2.57	1.82	3.34	0.500	0.133	95	1.0	1.2	210	-27
	25	4.51	88	1.42	3.16	3.34	0.273	0.061	100	1.0	1.2	384	80	2.57	2.43	3.34	0.500	0.111	100	1.0	1.2	295	-23
	50	5.12	88	1.42	3.74	3.34	0.273	0.053	100	1.0	1.2	454	80	2.57	2.96	3.34	0.500	0.098	100	1.0	1.2	359	-21
100	5.77	88	1.42	4.36	3.34	0.273	0.047	100	1.0	1.2	529	80	2.57	3.53	3.34	0.500	0.087	100	1.0	1.2	429	-19	
5	1	2.2	87	1.51	1.06	5.18	0.299	0.136	75	1.0	2.1	166	87	1.52	1.05	5.18	0.299	0.136	75	1.0	2.1	165	0
	2	2.64	87	1.51	1.42	5.18	0.299	0.113	80	1.0	2.1	238	87	1.52	1.42	5.18	0.299	0.113	80	1.0	2.1	237	0
	5	3.26	87	1.51	1.96	5.18	0.299	0.092	80	1.0	2.1	328	87	1.52	1.95	5.18	0.299	0.092	80	1.0	2.1	327	0
	10	3.77	87	1.51	2.42	5.18	0.299	0.079	80	1.0	2.1	405	87	1.52	2.41	5.18	0.299	0.079	80	1.0	2.1	404	0
	25	4.51	87	1.51	3.10	5.18	0.299	0.066	80	1.0	2.1	519	87	1.52	3.09	5.18	0.299	0.066	80	1.0	2.1	518	0
	50	5.12	87	1.51	3.67	5.18	0.299	0.058	80	1.0	2.1	615	87	1.52	3.66	5.18	0.299	0.058	80	1.0	2.1	613	0
100	5.77	87	1.51	4.29	5.18	0.299	0.052	80	1.0	2.1	718	87	1.52	4.28	5.18	0.299	0.052	80	1.0	2.1	716	0	
6	1	2.2	87	1.53	1.05	1.81	0.299	0.136	130	1.0	1.0	142	86	1.69	0.98	1.81	0.326	0.148	130	1.0	1.0	132	-7
	2	2.64	87	1.53	1.41	1.81	0.299	0.113	135	1.0	1.0	199	86	1.69	1.33	1.81	0.326	0.123	135	1.0	1.0	187	-6
	5	3.26	87	1.53	1.95	1.81	0.299	0.092	140	1.0	1.0	284	86	1.69	1.85	1.81	0.326	0.100	140	1.0	1.0	270	-5
	10	3.77	87	1.53	2.41	1.81	0.299	0.079	140	1.0	1.0	351	86	1.69	2.30	1.81	0.326	0.086	140	1.0	1.0	336	-4
	25	4.51	87	1.53	3.08	1.81	0.299	0.066	140	1.0	1.0	450	86	1.69	2.97	1.81	0.326	0.072	140	1.0	1.0	433	-4
	50	5.12	87	1.53	3.66	1.81	0.299	0.058	140	1.0	1.0	533	86	1.69	3.53	1.81	0.326	0.064	140	1.0	1.0	516	-3
100	5.77	87	1.53	4.27	1.81	0.299	0.052	140	1.0	1.0	623	86	1.69	4.14	1.81	0.326	0.056	140	1.0	1.0	605	-3	
7	1	2.2	88	1.41	1.11	0.32	0.273	0.124	340	1.0	0.1	20	87	1.48	1.07	0.32	0.299	0.136	325	1.0	0.1	18	-3
	2	2.64	88	1.41	1.48	0.32	0.273	0.103	350	1.0	0.1	27	87	1.48	1.44	0.32	0.299	0.113	330	1.0	0.1	25	-3
	5	3.26	88	1.41	2.02	0.32	0.273	0.084	350	1.0	0.1	37	87	1.48	1.97	0.32	0.299	0.092	350	1.0	0.1	36	-2
	10	3.77	88	1.41	2.48	0.32	0.273	0.072	350	1.0	0.1	45	87	1.48	2.43	0.32	0.299	0.079	350	1.0	0.1	44	-2
	25	4.51	88	1.41	3.17	0.32	0.273	0.061	350	1.0	0.1	58	87	1.48	3.12	0.32	0.299	0.066	350	1.0	0.1	57	-2
	50	5.12	88	1.41	3.75	0.32	0.273	0.053	350	1.0	0.1	68	87	1.48	3.69	0.32	0.299	0.058	350	1.0	0.1	67	-2
100	5.77	88	1.41	4.37	0.32	0.273	0.047	350	1.0	0.1	79	87	1.48	4.31	0.32	0.299	0.052	350	1.0	0.1	78	-1	
8	1	2.2	87	1.51	1.05	5.63	0.299	0.136	72	1.0	2.7	208	86	1.65	0.99	5.63	0.326	0.148	70	1.0	2.7	190	-6
	2	2.64	87	1.51	1.42	5.63	0.299	0.113	74	1.0	2.7	287	86	1.65	1.35	5.63	0.326	0.123	73	1.0	2.7	269	-5
	5	3.26	87	1.51	1.96	5.63	0.299	0.092	75	1.0	2.7	401	86	1.65	1.87	5.63	0.326	0.100	75	1.0	2		



EXISTING CN MAP



PROPOSED CN MAP



SOIL MAP

TIMMONS GROUP

YOUR VISION ACHIEVED THROUGH OURS.

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DALLAS, TEXAS OFFICE

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CLIENT

DEPCOM POWER

9185 E PIMA CENTER PARKWAY #100

SCOTTSDALE, AZ 85258

PROJECT NAME & ADDRESS

ATLANTA FARMS SOLAR

PICKAWAY COUNTY, OHIO

DATE
7/29/2022

PROJECT NUMBER
45488.026

PROJECT NAME
ATLANTA FARMS SOLAR

DESIGNED BY / DRAWN BY
J. SQUIRES / N. HOGYE

STATE OF OHIO

JAMEDIA SQUIRES E-85866

7/29/2022 REGISTERED PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

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REVISIONS

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DRAWING DESCRIPTION

STORMWATER MANAGEMENT PLAN EXHIBITS

PLANS PRINTED AS 11x17 ARE HALF SCALE

SCALE	SHEET NUMBER
	C8.01

Y:\351145488.026 - Atlanta Farms Solar\DWG\CIVIL\Sheet\CD\45488.026-STORM-W.dwg | Plotted on 7/29/2022 12:49 PM | by Jared Squyres

Existing CN Calculations					
Drainge Area	Cover Description	Hydrologic Group	CN	Area x CN	Area (acres)
1	Cultivated Crops	C	85	4401.0	51.8
	Cultivated Crops	C/D	89	15276.7	171.6
	Deciduous Forest	C/D	77	57.8	0.8
	Deciduous Forest	C	70	1496.8	21.4
	Developed, Open Space	C/D	80	308.2	3.9
	Developed, Open Space	C	74	263.8	3.6
	Existing Condition		86.2	21804.2	253
2	Cultivated Crops	B/D	89	926.7	10.4
	Cultivated Crops	C	85	11026.9	129.7
	Cultivated Crops	D	89	1334.6	15.0
	Cultivated Crops	C/D	89	20124.0	226.1
	Developed, Open Space	C/D	80	393.2	4.9
	Developed, Open Space	C	74	18.6	0.3
	Mixed Forest	B/D	77	56.0	0.7
	Mixed Forest	C	70	25.2	0.4
3	Existing Condition		87.5	33905.1	387.5
	Cultivated Crops	B/D	89	130.7	1.5
	Cultivated Crops	C	85	48960.0	576.0
	Cultivated Crops	B	78	213.2	2.7
	Cultivated Crops	D	89	931.9	10.5
	Cultivated Crops	C/D	89	120869.1	1358.1
	Deciduous Forest	D	77	530.7	6.9
4	Deciduous Forest	B/D	77	1143.8	14.9
	Deciduous Forest	B	55	114.0	2.1
	Deciduous Forest	C/D	77	417.9	5.4
	Deciduous Forest	C	70	1304.1	18.6
	Developed, Low Intensity	C/D	87	207.0	2.4
	Developed, Low Intensity	C	83	122.2	1.5
	Developed, Medium Intensity	C/D	92	565.8	6.2
	Developed, Medium Intensity	C	90	14.0	0.2
5	Developed, Open Space	C/D	80	2250.2	28.1
	Developed, Open Space	C	74	1085.0	14.7
	Herbaceous	C/D	78	33.9	0.4
	Herbaceous	C	71	50.4	0.7
	Mixed Forest	C/D	77	0.1	0.0
	Mixed Forest	B	55	71.8	1.3
	Mixed Forest	D	77	175.7	2.3
	Mixed Forest	B/D	77	346.4	4.5
6	Mixed Forest	C	70	513.9	7.3
	Existing Condition		87.1	180052.0	2066.2

Proposed CN Calculations					
Drainge Area	Cover Description	Hydrologic Group	CN	Area x CN	Area (acres)
1	Cultivated Crops	C	85	4173.5	49.1
	Cultivated Crops	C/D	89	10788.2	121.2
	Deciduous Forest	C/D	77	54.4	0.7
	Deciduous Forest	C	70	1646.0	23.5
	Developed, High Intensity	C/D	95	142.7	1.5
	Developed, Open Space	C/D	80	272.4	3.4
	Developed, Open Space	C	74	252.0	3.4
	Herbaceous	C	71	148.4	2.1
2	Herbaceous	C/D	78	3749.0	48.1
	Proposed Condition		83.9	21226.5	253.0
	Cultivated Crops	B/D	89	970.1	10.9
	Cultivated Crops	C	85	7469.1	87.9
	Cultivated Crops	C/D	89	12895.7	144.9
	Cultivated Crops	D	89	1319.8	14.8
	Developed, High Intensity	C/D	95	133.0	1.4
3	Developed, High Intensity	C	94	93.2	1.0
	Developed, Open Space	C/D	80	426.5	5.3
	Developed, Open Space	C	74	42.7	0.6
	Herbaceous	D	78	11.0	0.1
	Herbaceous	C	71	2853.6	40.2
	Herbaceous	C/D	78	6195.1	79.4
	Mixed Forest	B/D	77	50.3	0.7
	Mixed Forest	C	70	20.6	0.3
4	Proposed Condition		83.8	32480.7	387.5
	Cultivated Crops	B/D	89	103.8	1.2
	Cultivated Crops	C	85	46733.0	549.8
	Cultivated Crops	B	78	182.6	2.3
	Cultivated Crops	C/D	89	116540.2	1309.4
	Cultivated Crops	D	89	725.7	8.2
	Deciduous Forest	D	77	581.5	7.6
5	Deciduous Forest	B/D	77	1174.8	15.3
	Deciduous Forest	B	55	120.3	2.2
	Deciduous Forest	C/D	77	455.3	5.9
	Deciduous Forest	C	70	1342.2	19.2
	Developed, High Intensity	C/D	95	18.3	0.2
	Developed, High Intensity	C	94	31.4	0.3
	Developed, Low Intensity	C/D	87	192.5	2.2
	Developed, Low Intensity	C	83	191.2	2.3
6	Developed, Medium Intensity	C/D	92	624.7	6.8
	Developed, Medium Intensity	C	90	14.3	0.2
	Developed, Open Space	C/D	80	2531.3	31.6
	Developed, Open Space	C	74	1072.7	14.5
	Herbaceous	D	78	73.2	0.9
	Herbaceous	C	71	1871.7	26.4
	Herbaceous	C/D	78	3379.6	43.3
	Mixed Forest	B	55	86.2	1.6
7	Mixed Forest	D	77	229.2	3.0
	Mixed Forest	C/D	77	3.1	0.0
	Mixed Forest	B/D	77	323.8	4.2
	Mixed Forest	C	70	539.8	7.7
	Proposed Condition		86.7	179142.6	2066.2

Existing CN Calculations					
Drainge Area	Cover Description	Hydrologic Group	CN	Area x CN	Area (acres)
4	Cultivated Crops	C	85	15449.6	181.8
	Cultivated Crops	D	89	363.4	4.1
	Cultivated Crops	C/D	89	49498.2	556.2
	Deciduous Forest	D	77	8.4	0.1
	Deciduous Forest	C/D	77	559.8	7.3
	Deciduous Forest	C	70	205.9	2.9
	Deciduous Forest	C/D	87	66.9	0.8
	Deciduous Forest	C	83	10.3	0.1
5	Developed, Low Intensity	C/D	92	34.0	0.4
	Developed, Low Intensity	C	80	1574.9	19.7
	Developed, Medium Intensity	C/D	92	34.0	0.4
	Developed, Medium Intensity	C	74	121.7	1.6
	Developed, Open Space	C	70	154.6	1.9
	Mixed Forest	C	70	154.6	1.9
	Existing Condition		87.6	68027.9	776.8
6	Cultivated Crops	B/D	89	613.5	6.9
	Cultivated Crops	C	85	30627.2	360.3
	Cultivated Crops	D	89	1148.3	12.9
	Cultivated Crops	C/D	89	73706.2	828.2
	Deciduous Forest	D	77	240.5	3.1
	Deciduous Forest	B/D	77	150.5	2.0
	Deciduous Forest	C/D	77	262.2	3.4
	Deciduous Forest	C	70	419.3	6.0
7	Developed, Low Intensity	C/D	87	290.1	3.3
	Developed, Low Intensity	C	83	249.8	3.0
	Developed, Medium Intensity	C/D	92	123.9	1.3
	Developed, Medium Intensity	C	90	215.9	2.4
	Developed, Open Space	C/D	80	6343.7	79.3
	Developed, Open Space	C	74	1998.1	27.0
	Existing Condition		86.9	116389.1	1339.1
8	Cultivated Crops	B/D	89	17.8	0.2
	Cultivated Crops	C	85	10314.2	121.3
	Cultivated Crops	D	89	292.8	3.3
	Cultivated Crops	C/D	89	38106.2	428.2
	Deciduous Forest	C/D	77	446.5	5.8
	Deciduous Forest	C	70	55.2	0.8
	Deciduous Forest	C/D	87	677.6	7.8
	Deciduous Forest	C	83	143.5	1.7
9	Developed, Medium Intensity	C/D	92	554.1	6.0
	Developed, Medium Intensity	C	90	289.2	3.2
	Developed, Open Space	C/D	80	2652.2	33.2
	Developed, Open Space	C	74	1057.5	14.3
	Hay/Pasture	C	74	445.7	6.0
	Hay/Pasture	C/D	80	2693.1	33.7
	Herbaceous	C/D	78	109.6	1.4
	Existing Condition		86.8	57854.7	666.9

Proposed CN Calculations					
Drainge Area	Cover Description	Hydrologic Group	CN	Area x CN	Area (acres)
4	Cultivated Crops	C	85	5625.0	66.2
	Cultivated Crops	C/D	89	10902.5	122.5
	Cultivated Crops	D	89	371.9	4.2
	Deciduous Forest	D	77	1.2	0.0
	Deciduous Forest	C/D	77	699.3	9.1
	Deciduous Forest	C	70	202.7	2.9
	Developed, High Intensity	C/D	95	743.0	7.8
	Developed, High Intensity	C	94	140.4	1.5
5	Developed, Low Intensity	C/D	87	62.4	0.7
	Developed, Low Intensity	C	83	7.3	0.1
	Developed, Medium Intensity	C/D	92	22.9	0.2
	Developed, Open Space	C/D	80	1543.7	19.3
	Developed, Open Space	C	74	151.5	2.0
	Herbaceous	C	71	8061.1	113.5
	Herbaceous	C/D	78	33146.9	425.0
	Mixed Forest	C	70	123.9	1.8
6	Proposed Condition		79.6	61805.5	776.8
	Cultivated Crops	B/D	89	542.3	6.1
	Cultivated Crops	C	85	30355.2	357.1
	Cultivated Crops	C/D	89	73211.4	822.6
	Cultivated Crops	D	89	1139.8	12.8
	Deciduous Forest	D	77	251.8	3.3
	Deciduous Forest	B/D	77	214.2	2.8
7	Deciduous Forest	C/D	77	271.0	3.5
	Deciduous Forest	C	70	460.5	6.6
	Developed, High Intensity	C/D	95	36.8	0.4
	Developed, Low Intensity	C/D	87	311.3	3.6
	Developed, Low Intensity	C	83	226.9	2.7
	Developed, Medium Intensity	C/D	92	136.7	1.5
	Developed, Medium Intensity	C	90	213.9	2.4
	Developed, Open Space	C/D	80	6359.0	79.5
8	Developed, Open Space	C	74	2027.0	27.4
	Herbaceous	C	71	186.3	2.6
	Herbaceous	C/D	78	336.5	4.3
	Proposed Condition		86.8	116280.5	1339.1
	Cultivated Crops	B/D	89	19.4	0.2
	Cultivated Crops	C	85	9003.2	105.9
	Cultivated Crops	C/D	89	32858.8	369.2
9	Cultivated Crops	D	89	295.6	3.3
	Deciduous Forest	C/D	77	413.0	5.4
	Deciduous Forest	C	70	42.9	0.6
	Developed, High Intensity	C/D	95	177.8	1.9
	Developed, High Intensity	C	94	108.8	1.2
	Developed, Low Intensity	C/D	87	658.1	7.6
	Developed, Low Intensity	C	83	195.1	2.4
	Developed, Medium Intensity	C/D	92	561.7	6.1
10	Developed, Medium Intensity	C	90	279.8	3.1
	Developed, Open Space	C/D	80	2862.1	35.8
	Developed, Open Space	C	74	951.0	12.9
	Hay/Pasture	C	74	413.0	5.6
	Hay/Pasture	C/D	80	2575.4	32.2
	Herbaceous	C	71	1118.7	15.8
	Herbaceous	C/D	78	4517.8	57.9
	Proposed Condition		85.6	57052.3	666.9

Existing CN Calculations					
Drainge Area	Cover Description	Hydrologic Group	CN	Area x CN	Area (acres)
7	Cultivated Crops	C	85	952.5	11.2
	Cultivated Crops	C/D	89	1957.1	22.0
	Existing Condition		87.6	2909.7	33.2
8	Cultivated Crops	C	85	43465.6	511.4
	Cultivated Crops	C/D	89	95066.2	1068.2
	Deciduous Forest	C/D	77	414.4	5.4
	Deciduous Forest	C	70	59.5	0.8
	Developed, High Intensity	C	94	34.7	0.4
	Developed, High Intensity	C/D	95	89.2	0.9
	Developed, Low Intensity	C	83	80.1	1.0
	Developed, Medium Intensity	C/D	92	200.7	2.2
9	Developed, Medium Intensity	C	90	142.3	1.6

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in

Case No(s). 19-1880-EL-BGN

Summary: Exhibit Civil Plan Set electronically filed by Mr. Craig S Brown on behalf
of DEPCOM Power