CIVIL PERMIT PLAN SET

S. BARNES ROAD SOLAR

S. BARNES ROAD, SUGAR GROVE TOWNSHIP KANE COUNTY, IL

DATE: APRIL 2024

COUNTY LOCATION



KANE COUNTY, ILLINOIS

PROJECT SCOPE

TOWNSHIP, KANE COUNTY, IL. THE INSTALLATION CONSISTS OF NEW GROUND MOUNTED STRUCTURES WITH MOUNTED PHOTOVOLTAICS.

THE PROJECT SCOPE OF WORK FOR THESE DRAWINGS PERTAINS ONLY TO THE LAND DEVELOPMENT PERMITTING REQUIREMENTS OF KANE COUNTY, ILLINOIS.

PROJECT OWNER

C/O RENEWABLE PROPERTIES, LLC 44 MONTGOMERY STREET, SUITE 3150 SAN FRANCISCO, CA 94104

ENGINEER

TRC ENVIRONMENTAL CORPORATION 230 WEST MONROE STREET **SUITE 1840** CHICAGO, IL 60606

BASIS OF BEARINGS

BASIS OF BEARINGS IS TRUE NORTH BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83, 2011 ADJUSTMENT.

BENCHMARK

BM #300: TOP OF FIRE HYDRANT ON THE WEST SIDE OF SOUTH BARNES ROAD 360'± SOUTH OF THE NORTHEAST CORNER OF SUBJECT PROPERTY

BM #301: TOP OF FIRE HYDRANT ON THE WEST SIDE OF SOUTH BARNES ROAD 480'± NORTH OF THE SOUTHEAST CORNER OF SUBJECT PROPERTY ELEV=676.00

BM #302: TOP OF FIRE HYDRANT ON THE WEST SIDE OF SOUTH BARNES ROAD 185'± NORTH OF THE SOUTHEAST CORNER OF SUBJECT PROPERTY

THE PROJECT ENTAILS THE INSTALLATION OF A SOLAR PHOTOVOLTAIC SYSTEM IN SUGAR GROVE

LEGAL DESCRIPTION

SITE INFORMATION

P.I.N.:14-23-400-026 14-24-151-006 (EXCEPTION AREA)

14-24-300-001

ZONING: F; FARMING DISTRICT

THAT PART OF THE FOLLOWING LAND SITUATED IN THE WEST 1/2 OF SECTION 24:

THAT PART OF THE EAST 1/2 OF SECTION 23 AND THAT PART OF THE WEST 1/2 OF SECTION 24, TOWNSHIP

AREA: 39.995 ± ACRES GROSS

CENTERLINE OF BARNES ROAD; THENCE SOUTH 18 DEGREES 13 MINUTES 02 SECONDS EAST 697.0 FEET TO AN ANGLE POINT IN SAID CENTERLINE: THENCE SOUTH 5 DEGREES 18 MINUTES 19 SECONDS EAST ALONG SAID CENTERLINE 761.18 FEET TO A POINT THAT IS 139.0 FEET NORTHERLY OF SAID RAILROAD; THENCE NORTH 84 DEGREES 22 MINUTES 46 SECONDS WEST 637.78 FEET TO THE POINT OF BEGINNING, ALL IN

EXCEPTING THEREFROM THAT PART OF THE LAND FALLING WITHIN TAX NUMBER 14-24-151-006.

SITE SPECIFICATIONS

SUGAR GROVE TOWNSHIP, KANE COUNTY, ILLINOIS.

SYSTEM SIZE	NOT TO EXCEED 4.99 MW AC
MODULE MANUFACTURER	TRINA SOLAR
MODULE MODEL	TSM-NEG19RC.20
MODULE RATING	595 W
TOTAL MODULE QUANTITY	15,528
MODULES PER STRING	26
TOTAL NO. OF STRINGS	TBD
INVERTER MODEL	SUNGROW SG125HV
INVERTER RATING	125 KW
SEP-UP TRANSFORMER	(2) 12.47kV/600V, 2125KVA
RACKING	ATI HSAT
TILT ANGLE	60 DEGREES
INTER-ROW SPACING	15.2'
PITCH	22.6'
GCR	33%
SITE AREA INSIDE FENCE	35.03 AC

!
3

SHEET TITLE

TITLE SHEET

GENERAL NOTES

EXISTING CONDITIONS

SITE PLAN

SHEET INDEX

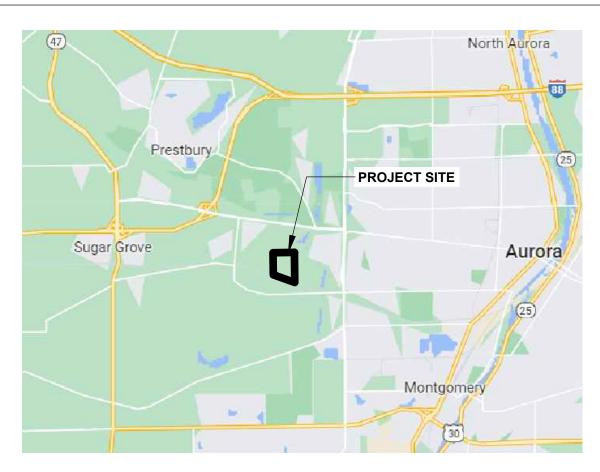
SHEET NUMBER

G010

C050

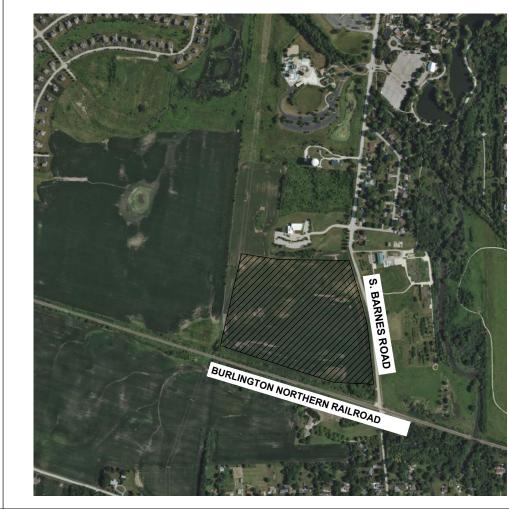
C100

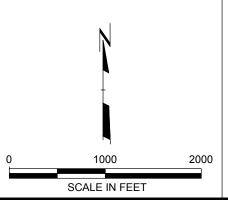
VICINITY MAP



PRELIMINARY NOT FOR CONSTRUCTION

PROJECT LOCATION





SEAL:						
			AN 06	COFESSIONAL ENGII IDREW B. GRAHAM 2048682 CPIRATION DATE: (30/25 RC ENVIRONMENTA ESIGN FIRM LIC. # 18	L CORP.	
1	AE	4/23/2024	ISSUED FOR PERMIT			ABG
NO.	BY	DATE		REVISION		APP'D
	PROJECT: CIVIL PERMIT PLAN SET RPIL SOLAR 10, LLC S. BARNES ROAD SOLAR KANE COUNTY, IL					
TITLE: TITLE SHEET						
DRAW	DRAWN BY: N. EDWIN PROJ. NO.: 567363.0003.0000					
CHECKED BY: A. ELLSTRO			A. ELLSTROM			
APPR	OVED B	Y:	A. GRAHAM	1	G000	
				1		

567363.0003.0000 - S Barnes Road Solar - TS.dwg

Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

- 1. THIS PLAN WAS PRODUCED UTILIZING MULTIPLE RESOURCES:
- TOPOGRAPHIC DATA, PROPERTY LINES, AND PARCEL NUMBERS FOR THE DEVELOPMENT AREA WERE OBTAINED FROM THE ALTA SURVEY COMPLETED BY FARNSWORTH GROUP AND DATED OCTOBER 16, 2023.
- SOIL TYPE DELINEATIONS AND DATA WERE OBTAINED FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA) WEB SOIL SURVEY.
- WETLAND AND WATERBODY DELINEATION PROVIDED BY SWCA ENVIRONMENTAL CONSULTANTS AND DATED JANUARY 2024.
- DRAIN TILE SURVEY COMPLETED BY HUDDLESTON MCBRIDE LAND

ENVIRONMENTAL CONSULTANTS AND DATED OCTOBER 27, 2023.

- DRAINAGE COMPANY AND DATED APRIL 18, 2024. DESKTOP-LEVEL CULTURAL RESOURCES REVIEW CONDUCTED BY SWCA
- ACCORDING TO THE ALTA SURVEY, COMPLETED BY FARNSWORTH GROUP AND DATED OCTOBER 16, 2023, A PORTION OF THE DEVELOPMENT AREA (14-23-400-026, 14-24-300-001, EXCEPTION AREA 14-24-151-006) LIES WITHIN ZONE X FLOOD AREA (AREAS OF 0.2% CHANCE ANNUAL FLOOD, AREAS OF 1% ANNUAL FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS PROTECTED BY LEVEES FROM 1% CHANCE ANNUAL
- THE LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCING, SOLAR ARRAY RACKING, INVERTER/TRANSFORMER PADS, OVERHEAD POLES, AND LINES, ETC., SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS, AND/OR OTHER CONSTRAINTS.
- 4. THE DEVELOPMENT WILL AVOID EASEMENTS, AND PROVIDE THE MINIMUM SETBACKS NOTED FROM EXTERNAL PROPERTY BOUNDARIES AND DESIGNATED NATURAL RESOURCES.
- CONTRACTOR SHALL CALL 811 AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. ADDITIONALLY, CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES.
- ALL IDENTIFIED DETAILS ARE PRELIMINARY AND ARE SUBJECT TO CHANGE AT THE TIME OF BUILDING PERMIT SUBMITTAL.

CODE COMPLIANCE: KANE COUNTY ZONING ORDINANCE SEC. 25-5-4-9

- 1. THE SPECIAL USE APPLICATION SHALL CONTAIN OR BE ACCOMPANIED BY THE FOLLOWING INFORMATION:
- a. A COMMERCIAL SOLAR ENERGY FACILITY SUMMARY, INCLUDING, TO THE
- EXTENT AVAILABLE:
- 1. A GENERAL DESCRIPTION OF THE PROJECT, INCLUDING: 2. ITS APPROXIMATE OVERALL NAME PLATE GENERATING CAPACITY
- THE POTENTIAL EQUIPMENT MANUFACTURER(S) PROVIDED ON G000;
- TYPE(S) OF SOLAR PANELS, CELLS AND MODULES PROVIDED ON G000;
- 5. THE NUMBER OF SOLAR PANELS, CELLS AND MODULES PROVIDED ON
- 6. THE MAXIMUM HEIGHT OF THE SOLAR PANELS AT FULL TILT PROVIDED ON
- C502: 7. THE NUMBER OF SUBSTATIONS PROVIDED ON G000;
- 8. A PROJECT SITE PLAN PROVIDED ON C100, PROJECT PHASING PLAN AND PROJECT CONSTRUCTION TIMELINE PLAN. WILL BE PROVIDED WHEN AVAILABLE; AND
- 9. THE GENERAL LOCATION OF THE PROJECT PROVIDED ON G000; AND
- b. A DESCRIPTION OF THE APPLICANT, OWNER AND OPERATOR, INCLUDING THEIR RESPECTIVE BUSINESS STRUCTURES: B. THE NAME(S), ADDRESS(ES). AND PHONE NUMBER(S) OF THE APPLICANT(S), OWNER AND OPERATOR, AND ALL PROPERTY OWNER(S), IF KNOWN, AND DOCUMENTATION DEMONSTRATING LAND OWNERSHIP OR LEGAL CONTROL OF THE PROPERTY. PROVIDED ON G000 AND IN APPLICATION PACKET:
- c. A SITE PLAN FOR THE COMMERCIAL SOLAR ENERGY FACILITY SHOWING:
- THE PLANNED LOCATION OF SOLAR PANELS, INCLUDING LEGAL DESCRIPTIONS FOR EACH SITE PROVIDED ON G000,
- 2. PARTICIPATING AND NON-PARTICIPATING RESIDENCES PROVIDED ON C050.
- 3. OCCUPIED COMMUNITY BUILDINGS PROVIDED ON C050,
- 4. PARCEL BOUNDARY LINES (INCLUDING IDENTIFICATION OF ADJOINING
- PROPERTIES) PROVIDED ON C050, 5. SETBACK LINES PROVIDED ON C050,
- 6. PUBLIC ACCESS ROADS AND TURNOUT LOCATIONS PROVIDED ON C050
- AND C100, 7. SUBSTATION(S) PROVIDED ON C100,
- 8. OPERATIONS AND MAINTENANCE BUILDINGS (NONE PROPOSED),
- ELECTRICAL CABLING TO THE SUBSTATION(S) PROVIDED ON C100, 10. ANCILLARY EQUIPMENT PROVIDED ON C100,
- 11. THIRD PARTY TRANSMISSION LINES PROVIDED ON C050 AND C100,
- 12. THE LOCATION OF ANY WETLANDS PROVIDED ON C100,
- 13. FLOOD PLAIN PROVIDED ON C050,
- 14. DRAINAGE STRUCTURES INCLUDING SURFACE DITCHES AND
- SUBSURFACE DRAINAGE LINES PROVIDED ON C050, 15. UNDERGROUND MINES (NONE IDENTIFIED ON SITE),
- 16. SCENIC AND NATURAL AREAS WITHIN ONE THOUSAND FIVE HUNDRED (1,500) FEET OF THE PROPOSED COMMERCIAL SOLAR ENERGY FACILITY (NONE IDENTIFIED), AND THE LAYOUT OF ALL STRUCTURES WITHIN THE GEOGRAPHICAL BOUNDARIES OF ANY APPLICABLE SETBACK.

STANDARD SOIL EROSION AND SEDIMENT CONTROL NOTES

- 1. PERIMETER EROSION CONTROL MEASURES ARE SHOWN. ADDITIONAL EROSION CONTROLS MAY BE NECESSARY TO COMPLY WITH VILLAGE REQUIREMENTS.
- 2. CONTROL MEASURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL (WWW.AISWCD.ORG/IUM) UNLESS STATED OTHERWISE.
- 3. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL
- 4. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION,
- 6. NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.
- 7. OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO
- 8. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- 9. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS

 STANDARD DRAIN TILE NOTES POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED BELOW:
 - a. WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE; AND
- b. IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE
- 10. DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKED IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR AN EQUIVALENT CONTROL MEASURE.
- 11.PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- 12. THE STORMWATER MANAGEMENT SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS. CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- 13.IF DEWATERING SERVICES ARE USED, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP OR AN EQUIVALENT CONTROL MEASURE). THE ENFORCEMENT OFFICER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.

- 14. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE DEVELOPMENT SITE IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- 15. STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL
- 16. EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO:
- a. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER; AND
- b. MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.
- 17. ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITING OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE APPLICANT SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- 18. THE ENFORCEMENT OFFICER MAY REQUIRE ADDITIONAL OR ALTERNATE SOIL EROSION AND SEDIMENT CONTROL MEASURES. BASED ON DEVELOPMENT SITE SPECIFIC CONSIDERATIONS AND THE EFFECTIVENESS OF THE INSTALLED CONTROL MEASURES.

- 1. DRAIN TILES DISTURBED DURING REGULATED DEVELOPMENT SHALL BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE, UNLESS THE DEVELOPMENT PLANS SPECIFY ABANDONMENT OF THE DRAIN TILES.
- 2. ALL ABANDONED DRAIN TILES WITHIN DISTURBED AREAS SHALL BE REMOVED IN THEIR
- 3. DRAIN TILES WITHIN THE DISTURBED AREA OF A DEVELOPMENT SITE SHALL BE REPLACED, BYPASSED AROUND THE DEVELOPMENT SITE OR INTERCEPTED AND CONNECTED TO THE STORMWATER MANAGEMENT SYSTEM FOR THE DEVELOPMENT SITE. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

PLANTING NOTES

- 1. SEED ALL DISTURBED AREAS INCLUDING LAYDOWN AREAS, USING LOW GROW SOLAR GRASS
- 2. ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.
- 3. ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF-SITE.
- 4. PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING
- CONSTRUCTION. 5. PLANTING SEED SHALL BE SOWN IN SEASONAL CONDITIONS AS APPROPRIATE FOR GOOD SEED
- SURVIVAL, OR AT SUCH TIMES AS APPROVED BY THE OWNER.
- 6. PROTECT NEWLY TOPSOILED, GRADED AND/OR SEEDED AREAS FROM TRAFFIC AND EROSION. KEEP AREAS FREE OF TRASH AND DEBRIS RESULTING FROM LANDSCAPE CONTRACTOR OPERATIONS.
- 7. REPAIR AND RE-ESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS TO THE SPECIFIED GRADE AND TOLERANCES.

- 8. ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- 9. ANY PROPOSED SUBSTITUTIONS OF PLANT MATERIAL SHALL BE MADE WITH MATERIAL EQUIVALENT TO THE DESIRED MATERIAL IN OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE. PROPOSED SUBSTITUTIONS WILL ONLY BE CONSIDERED IF SUBMITTED WITH ENUMERATED REASONS WHY SUBSTITUTIONS ARE
- 10.CAUTION SHALL BE USED NOT TO EXTEND MULCH LAYER ABOVE SOIL LEVEL AT TRUNKS/STEMS OF INSTALLED PLANT MATERIAL.
- 11.ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- 12. THE LANDSCAPE CONTRACTOR SHALL CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE CAUSED BY THE LANDSCAPE CONTRACTOR.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

- 1. INSTALL PERIMETER SE/SC MEASURES SUCH AS SILT FENCE AND A STABILIZED CONSTRUCTION ENTRANCE.
- 2. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. MAINTENANCE FOR SE/SC MEASURES MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 0.5-INCH OR GREATER RAINFALL EVENT.
- 3. INSTALL ASSOCIATED INLET AND OUTLET PROTECTION (IF APPLICABLE).
- 4. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE.
- 5. INSTALL GRAVEL ACCESS, EQUIPMENT PADS, FENCE LINE, ARRAY SUPPORT PILES, AND OTHER MAJOR COMPONENTS.
- 6. REMOVE ALL TEMPORARY SE/SC MEASURES.

PROFESSIONAL ENGINEER ANDREW B. GRAHAM 062048682 **EXPIRATION DATE:** TRC ENVIRONMENTAL CORP. DESIGN FIRM LIC. # 18400496-0002 AE 4/23/2024 ISSUED FOR PERMIT NO. BY DATE APP'D CIVIL PERMIT PLAN SET RPIL SOLAR 10, LLC S. BARNES ROAD SOLAR KANE COUNTY, IL **GENERAL NOTES** 567363.0003.0000 N. EDWIN PROJ. NO.:

A. ELLSTROM

A. GRAHAM

HECKED BY:

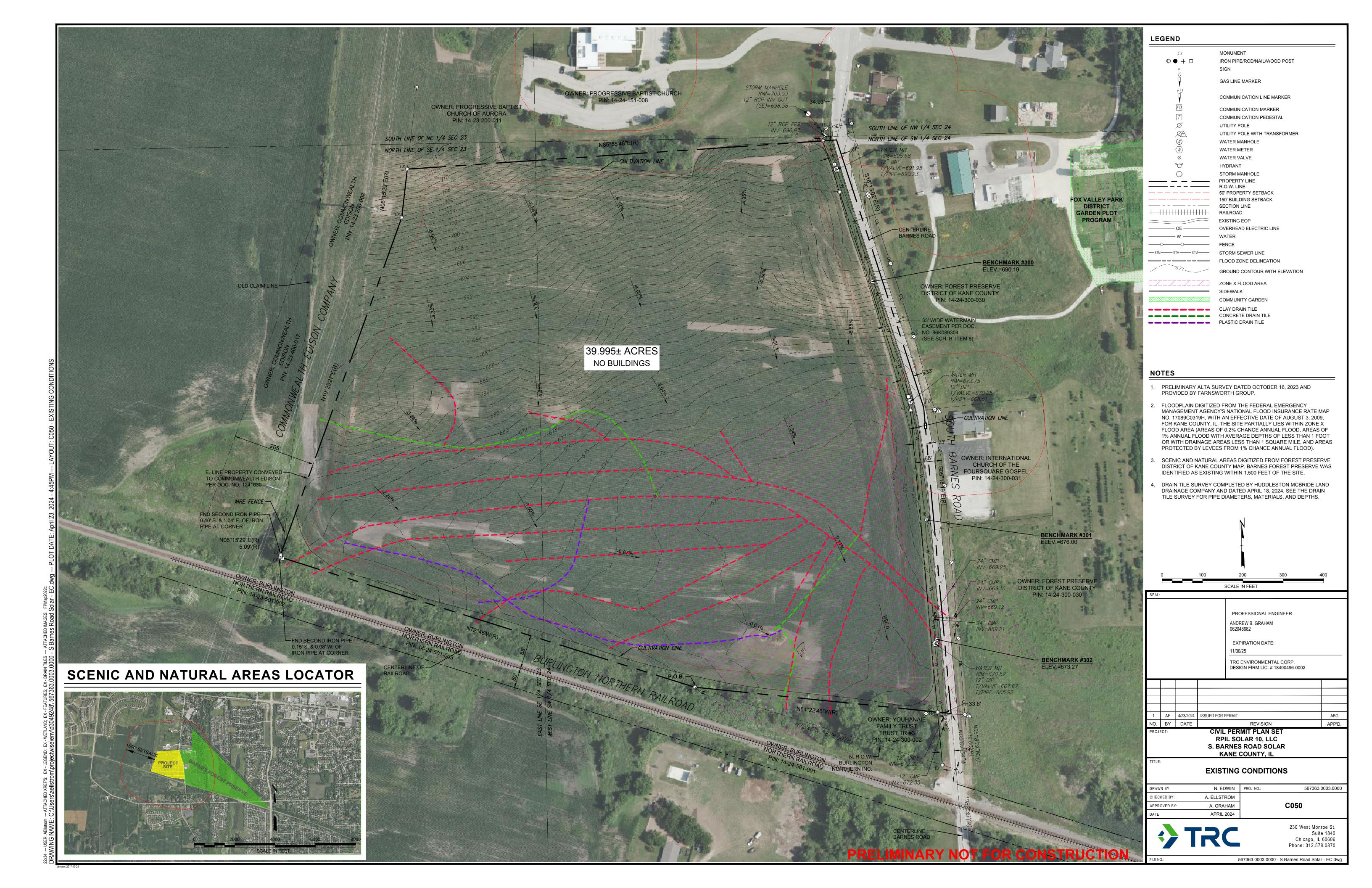
PPROVED BY

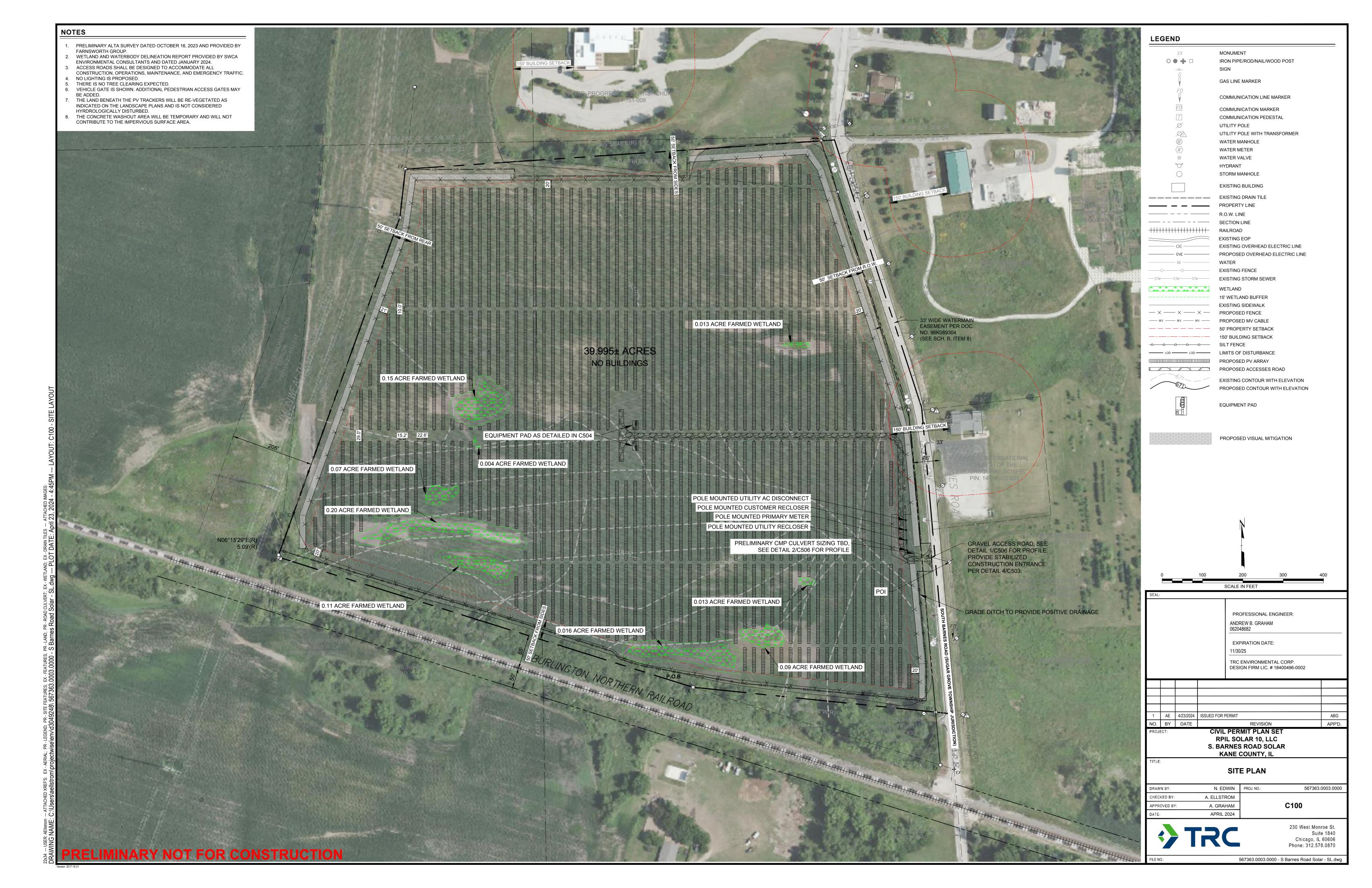
Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

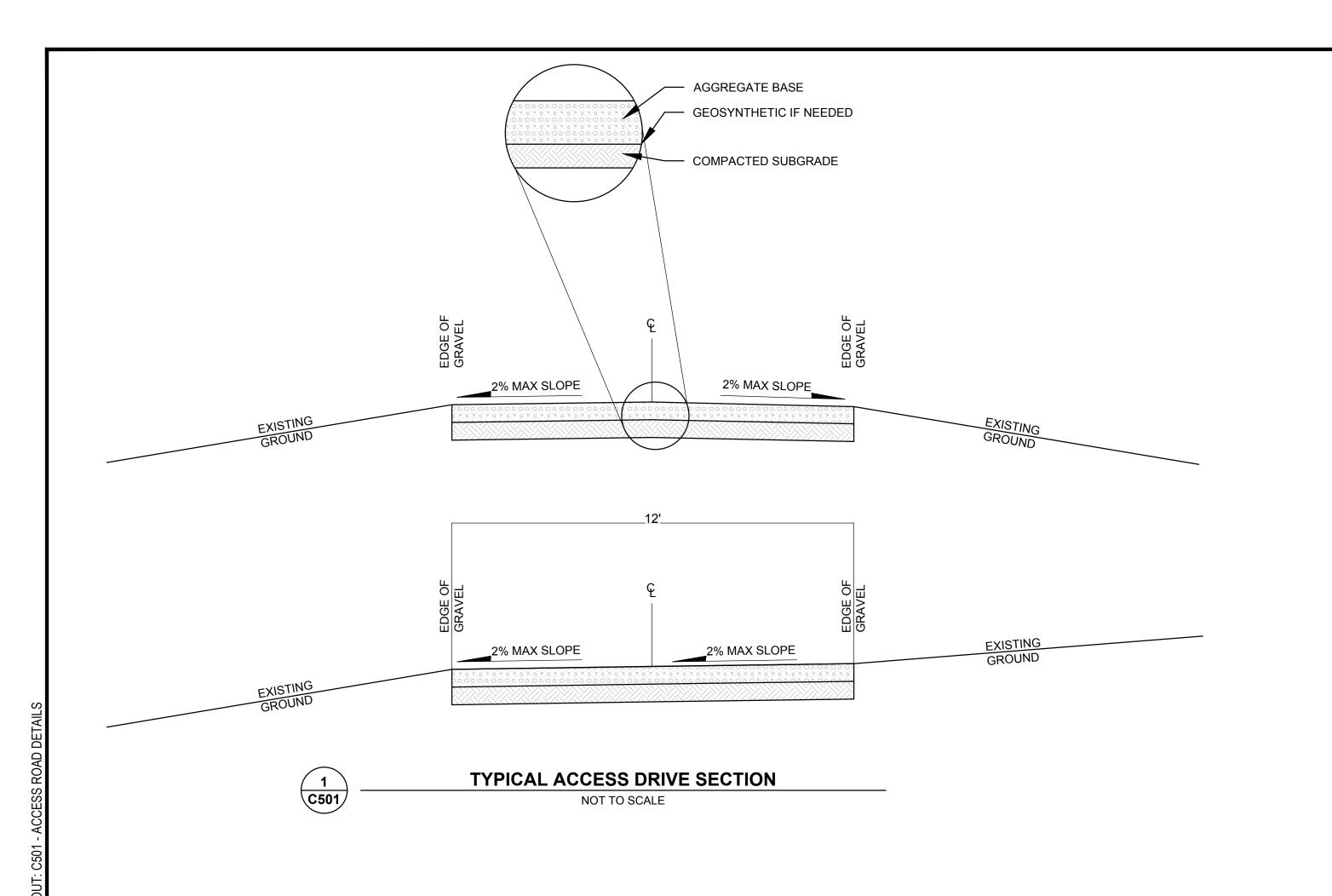
230 West Monroe St.

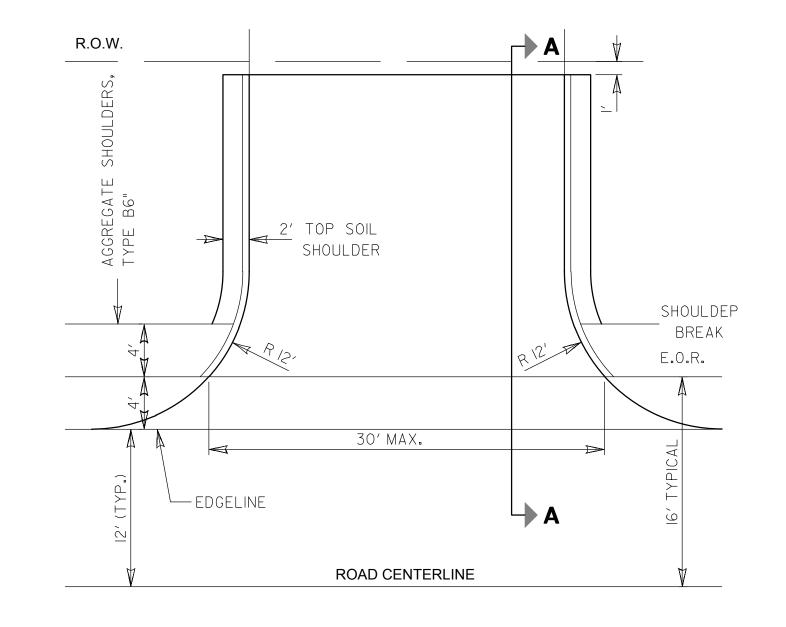
G010

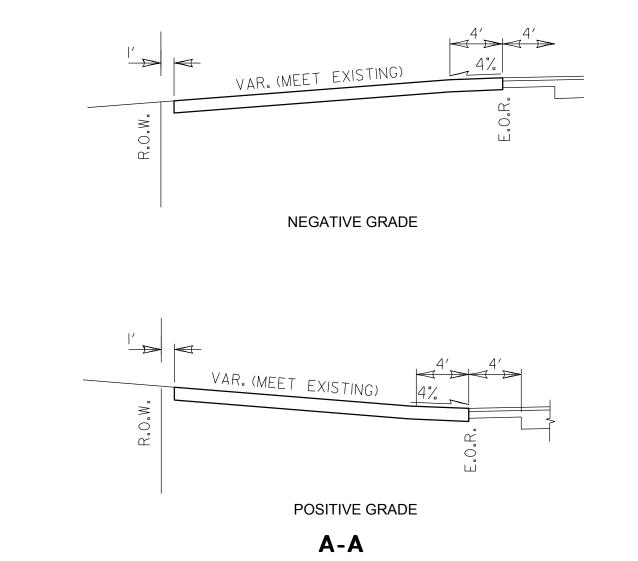
567363.0003.0000 - S Barnes Road Solar - GN.dwg







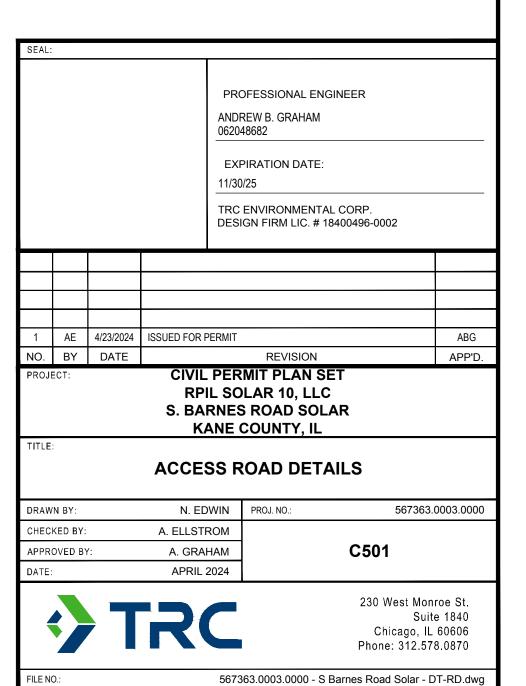


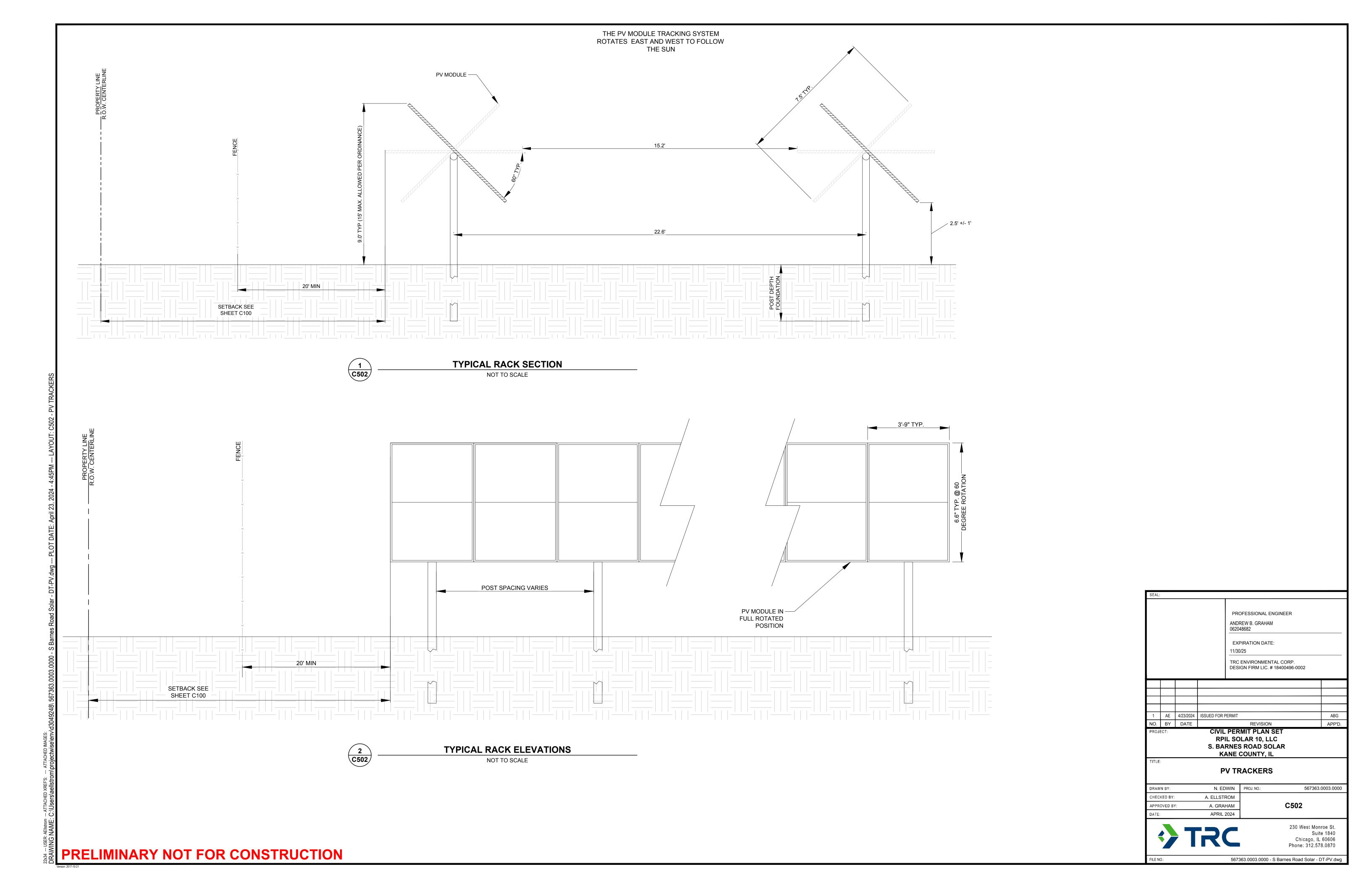


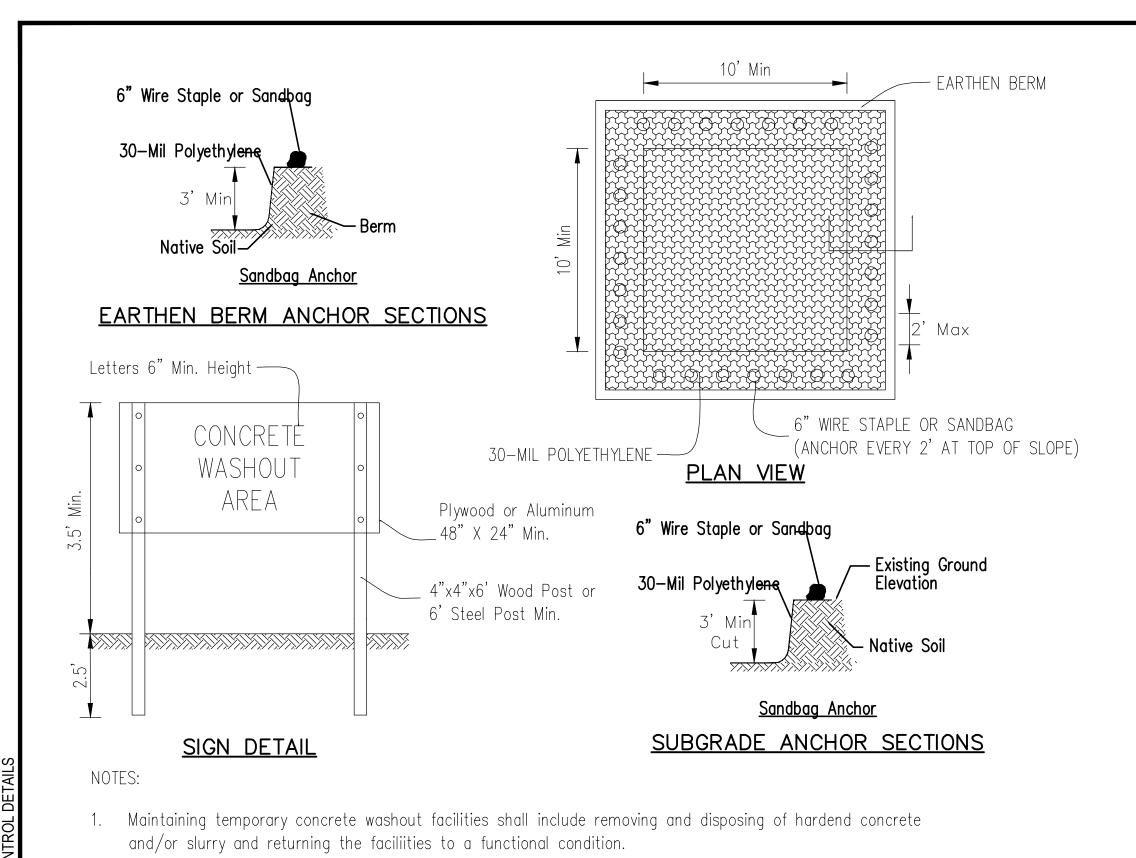
2 C501 -

RURAL DRIVEWAY DETAIL

NOT TO SCALE







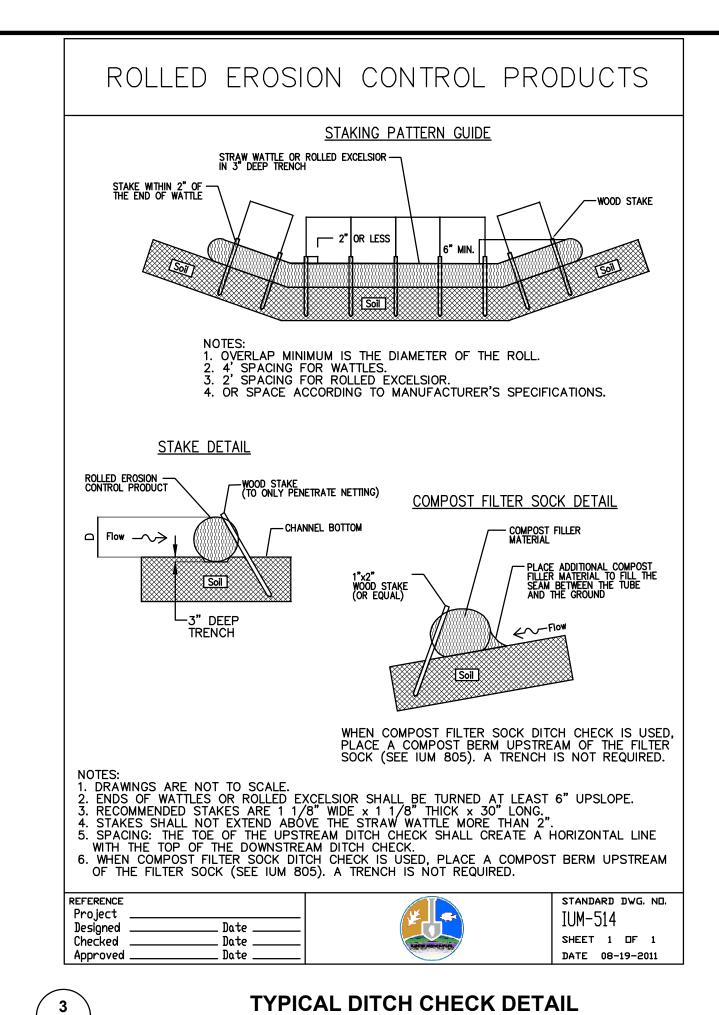


C503

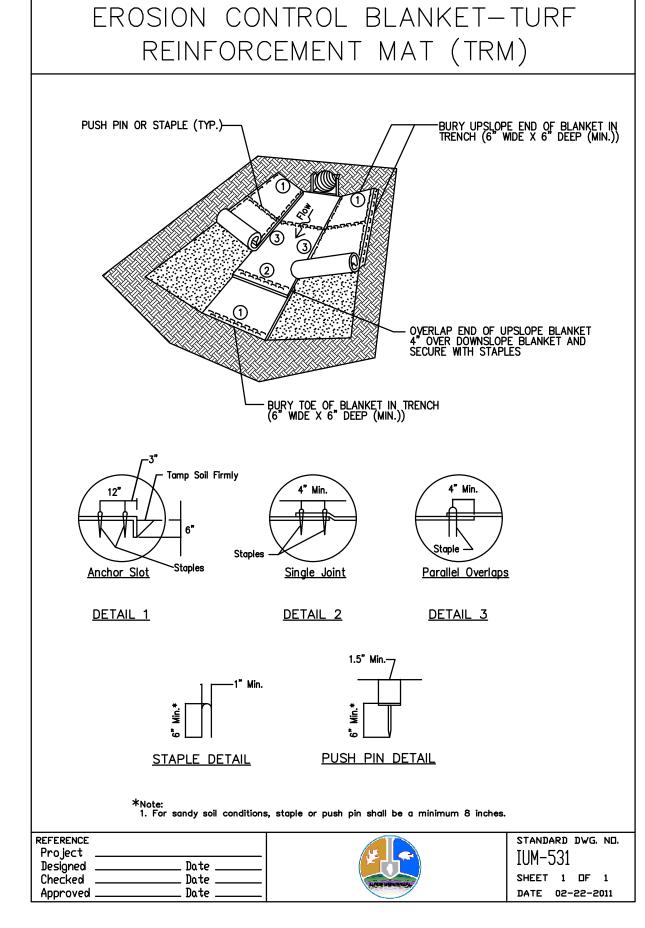
CONSTRUCTION WASHOUT DETAIL

NOT TO SCALE

2. Facility shall be cleaned or reconstructed in a new area once washout becomes two—thirds full.



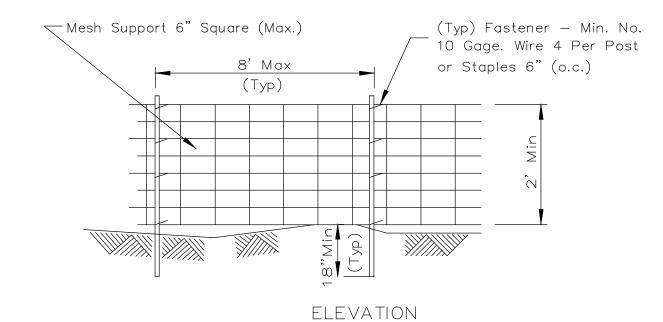
NOT TO SCALE



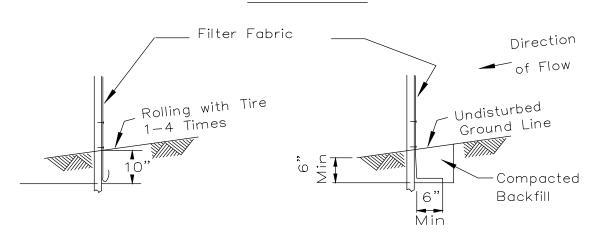


TYPICAL EROSION CONTROL BLANKET DETAIL

NOT TO SCALE



C503



FABRIC ANCHOR DETAIL

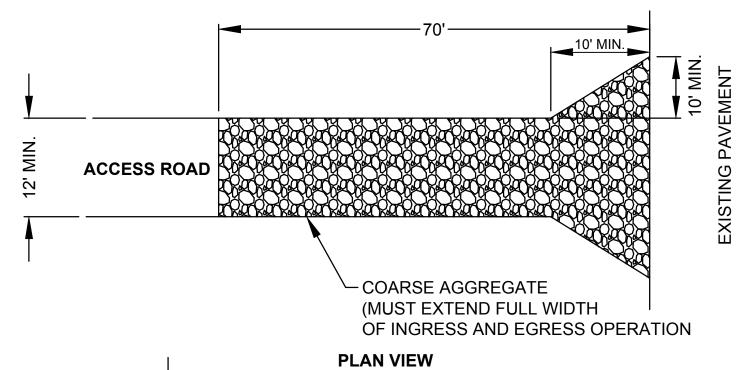
STATIC SLICE INSTALLATION

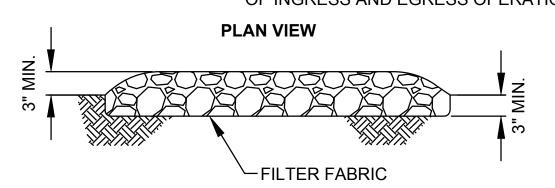
TRENCH INSTALLATION

1. Silt Fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization. Silt fence shall be placed on the

flattest area available. 2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class with equivalent opening size of at least 30 for nonwoven and 40 for woven.

3. Fence posts shall be either standard steel post or wood post with a minimum cross—sectional area of 3.0 sq. in.





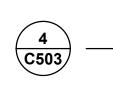
SECTION VIEW

NOTES: 1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I, II OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.

2. ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATION, CA-1, CA-2, CA-3 OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS 3 COMPACTION.

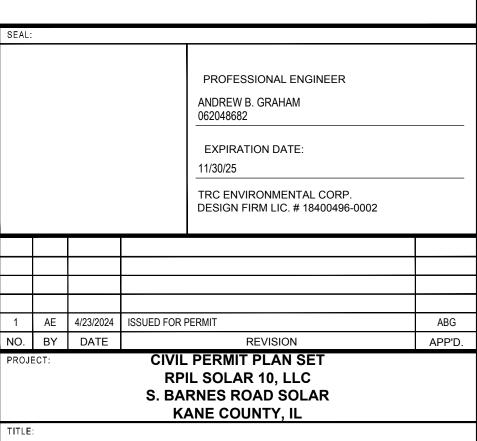
3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.

4. PROVIDE POSITIVE DRAINAGE TO SEDIMENT TRAPPING DEVICE.



STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



EROSION CONTROL DETAILS

567363.0003.0000 RAWN BY: N. EDWIN PROJ. NO.: HECKED BY: A. ELLSTROM C503 A. GRAHAM



230 West Monroe St. Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

´ 2 ` C503

SILT FENCE DETAIL

NOT TO SCALE

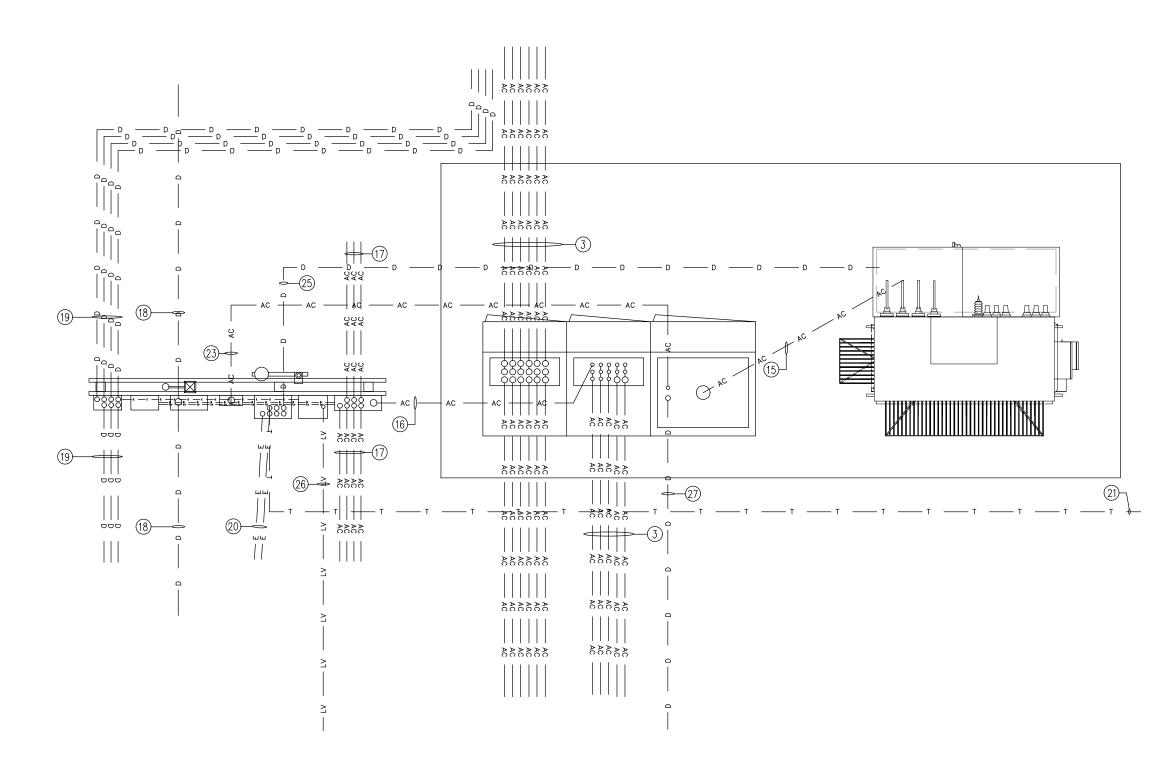
PRELIMINARY NOT FOR CONSTRUCTION

567363.0003.0000 - S Barnes Road Solar - DT-ER.dwg



EQUIPMENT PAD ELEVATION

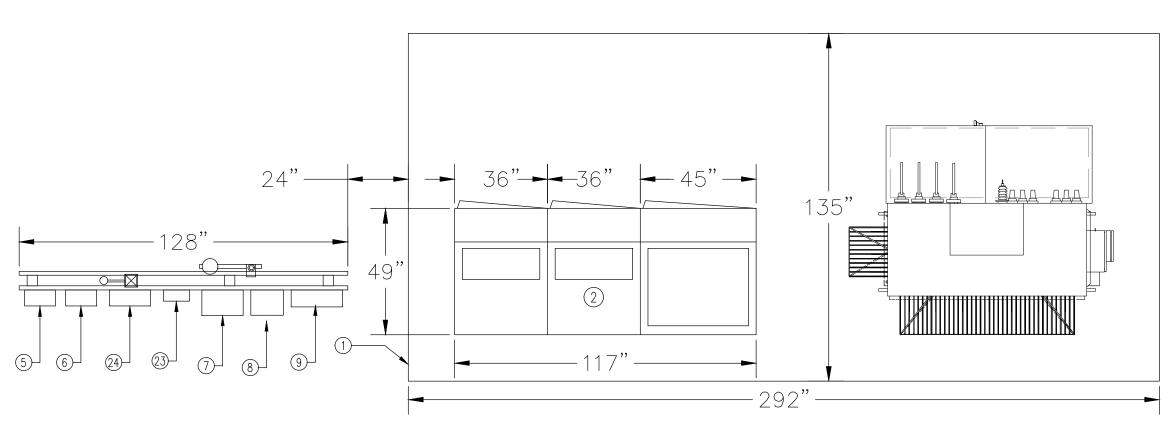
NOT TO SCALE





EQUIPMENT PAD - U.G. CONDUIT LAYOUT

NOT TO SCALE





EQUIPMENT PAD - PLAN VIEW

NOT TO SCALE

(4) (C504)

DIAGRAM NOTES

- CONCRETE EQUIPMENT PAD. SEE STRUCTURAL SHEET FOR CONSTRUCTION REQUIREMENTS 4000A/480V "AC SWBD"
- (3) U.G. 480 VAC FEEDERS INVERTERS
- (4) GALVANIZED STEEL SUPPORT RACK WITH STRUT MOUNTED ELECTRIC EQUIPMENT
- (5) ATI 4X CONTROLLER
- (6) ATI SITE DATA CONTROLLER
- DAS BOX
- 8 MINI POWER CENTER 120/240V PNL-P2
- 9 277/480V SITE LOAD PANEL P1
- (10) WP GFI CONVENIENCE OUTLET
- (11) ATI WIND, GPS & GHI SENSOR MOUNTED TO EQUIPMENT RACK
- WEATHER STATION MOUNTE SEE SHEET E312 DETAIL 1. WEATHER STATION MOUNTED ON EQUIPMENT RACK.
- (13) 1-5/8" X 1-5/8" GALV STRUT (TYP.)
- (14) 4" X 4" GALVANIZED STEEL POST (TYP.)
- (15) U.G. 480 VAC FEEDERS TO 4000A "AC SWBD"
- (16) U.G. 480 VAC FEEDER PANEL P1
- (17) U.G. 480 VAC FEEDER TRACKER MOTOR
- (18) U.G. DATA: INVERTERS
- (19) U.G. ATI TRACKER CONTROLLER CABLE
- U.G. ELECTRONIC SIGNAL CABLE FOR IRR AND PNL TEMP SENSORS: 2 X 1"
- PVC CONDUITS, INSTALL PER EQUIPMENT SUPPLIER'S SHOP DRAWINGS. U.G. DATA CABLE TO INTERNET SERVICE PROVIDER WHEN REQUIRED BY
- MONITORING SYSTEMS SUPPLIER. FIELD VERIFY POINT OF CONNECTION.
- U.G. CURRENT AND VOLTAGE SIGNALS TO REMOTE WILLTEN WHEN TO SOME BY MONITORING SYSTEMS PROVIDER. FIELD VERIFY POINT OF CONNECTION.
- (23) REMOTE METER ENCLOSURE (ALSO ENERGY)
- (24) WEATHER STATION ENCLOSURE (ALSO ENERGY)
- 25 DATA LINE TO TRANSFORMER
- U.G. 120V AC FEEDER TO NCEMC COMM. CABINET

DRILLED PIER

FOUNDATION, WELDED

TO SKID (PILE FOUNDATION

(27) U.G. FIBER LINE TO NCEMC COMM. CABINET

LEGEND

—— UNDER GROUND _____ D ____ U.G. DATA _____ LV _____ U.G. 120V

ABOVE GROUND

_____ E _____ U.G. SIGNAL

NOTES

- 4' WORKING

SURFACE

2% SLOPE

__ 5:1 SLOPE

PLAN VIEW

1. THE EQUIPMENT SELECTION AND LAYOUT WAS PROVIDED BY RENEWABLE PROPERTIES LLC AND IS PROVIDED HERE FOR REFERENCE PURPOSES.

SEAL:					
			PROFESSIONAL ENGINEER ANDREW B. GRAHAM 062048682 EXPIRATION DATE: 11/30/25 TRC ENVIRONMENTAL CORP. DESIGN FIRM LIC. # 18400496-0002		
1	AE	4/23/2024	ISSUED FOR F	PERMIT	ABG
NO.	BY	DATE		REVISION	APP'D.
PROJECT: CIVIL PERMIT PLAN SET RPIL SOLAR 10, LLC S. BARNES ROAD SOLAR KANE COUNTY, IL					
TITLE:					

EQUIPMENT PAD DETAILS

N. EDWIN PROJ. NO.: DRAWN BY: CHECKED BY: A. ELLSTROM C504 A. GRAHAM

230 West Monroe St. Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

567363.0003.0000 - S Barnes Road Solar - DT-EQ.dwg

567363.0003.0000

PRELIMINARY NOT FOR CONSTRUCTION

EQUIPMENT PAD FOUNDATION

SKID OR —

FOUNDATION -

VARIES BASED ON GRADE

SLOPE

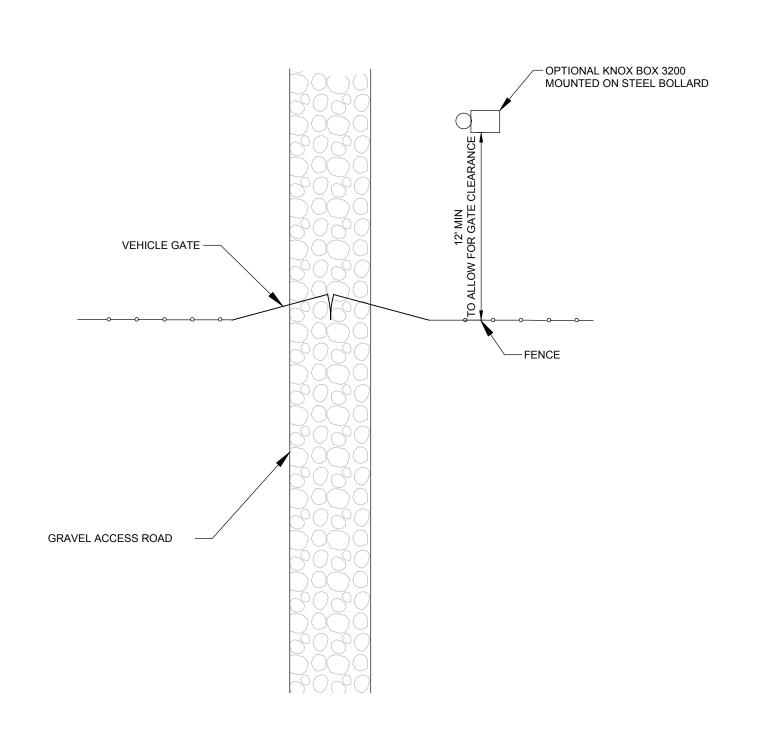
WORKING SURFACE -

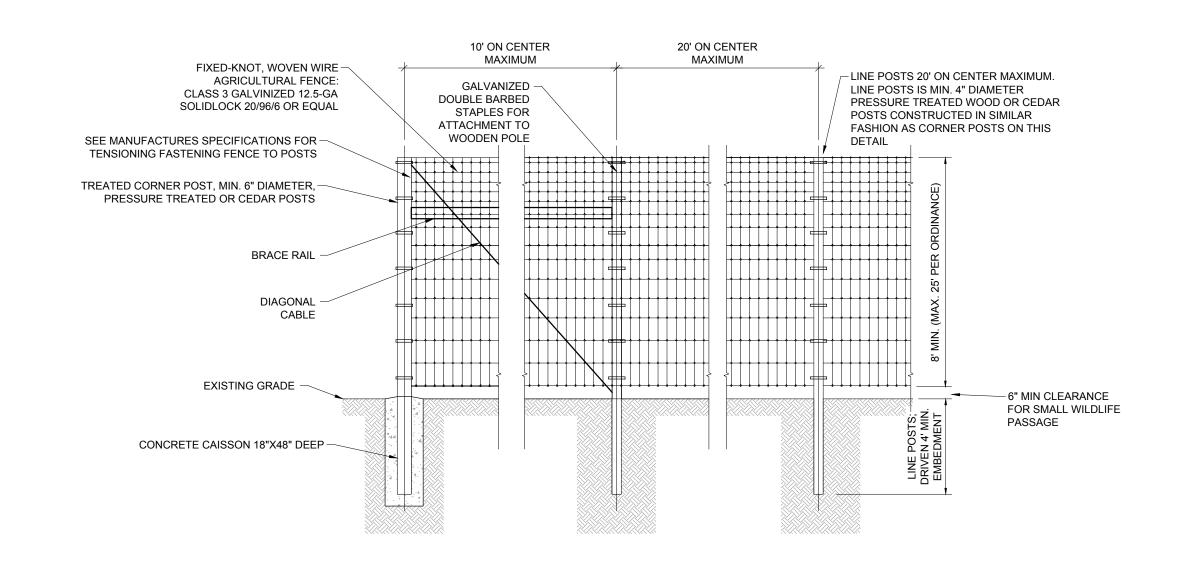
ELEVATION

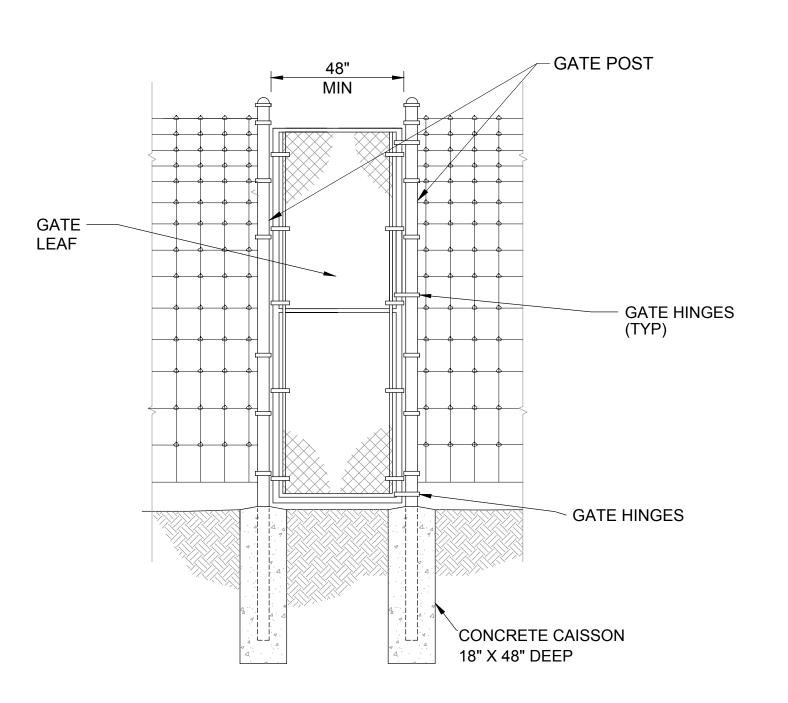
SLAB-ON-GRADE

NOT TO SCALE

SECTION VIEW







C505

TYPICAL VEHICLE GATE PLAN VIEW

NOT TO SCALE

C505

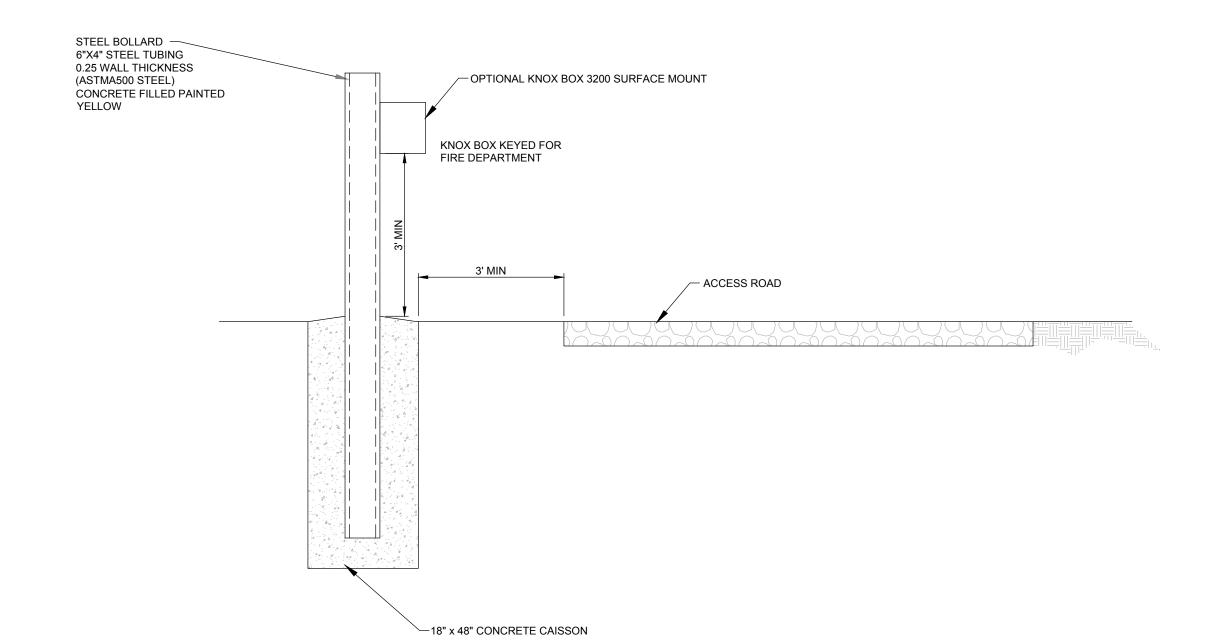
TYPICAL PV AREA FENCE DETAIL

NOT TO SCALE

5 C505

TYPICAL PEDESTRIAN ACCESS GATE

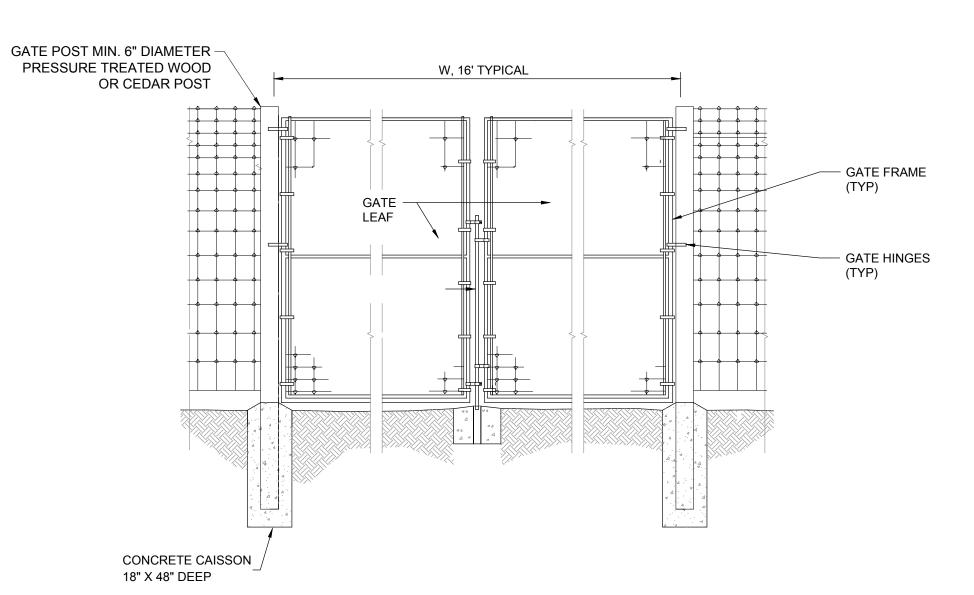
NOT TO SCALE





OPTIONAL KNOX BOX BOLLARD DETAIL

NOT TO SCALE





TYPICAL VEHICLE GATE

NOT TO SCALE

SEAL:						
			AND 0620 EX 11/3	OFESSIONAL ENGINEE REW B. GRAHAM 148682 PIRATION DATE: 0/25 ENVIRONMENTAL COF		
				FIRM LIC. # 184004		
1	AE	4/23/2024	ISSUED FOR PERMIT			ABG
NO.	BY	DATE		REVISION		APP'D.
PROJ	PROJECT: CIVIL PERMIT PLAN SET RPIL SOLAR 10, LLC S. BARNES ROAD SOLAR KANE COUNTY, IL					
TITLE	:		FENCIN	IG DETAILS		
DRAW	'N BY:		N. EDWIN	PROJ. NO.:	567363.0	0003.0000

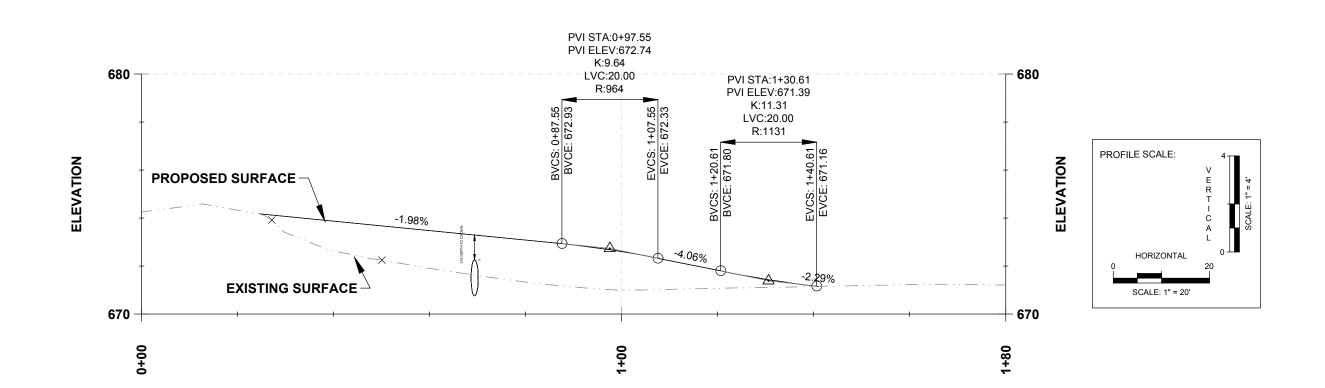
N. EDWIN PROJ. NO.: CHECKED BY: A. ELLSTROM C505 A. GRAHAM

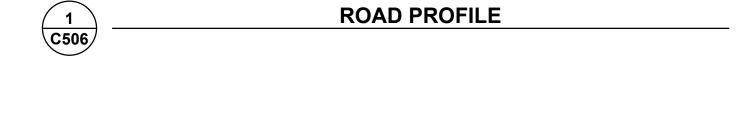


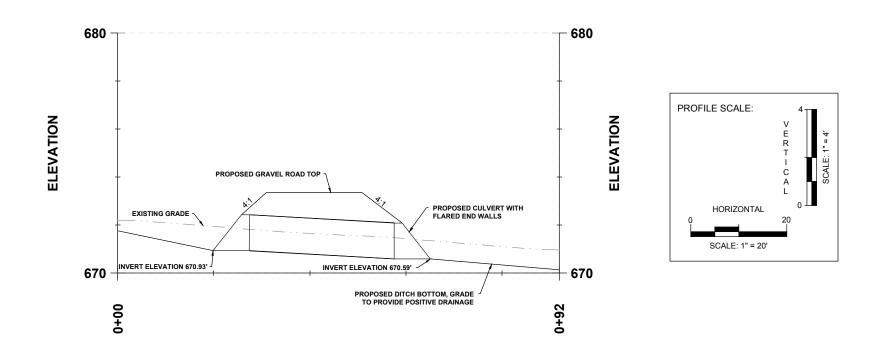
230 West Monroe St. Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

PRELIMINARY NOT FOR CONSTRUCTION

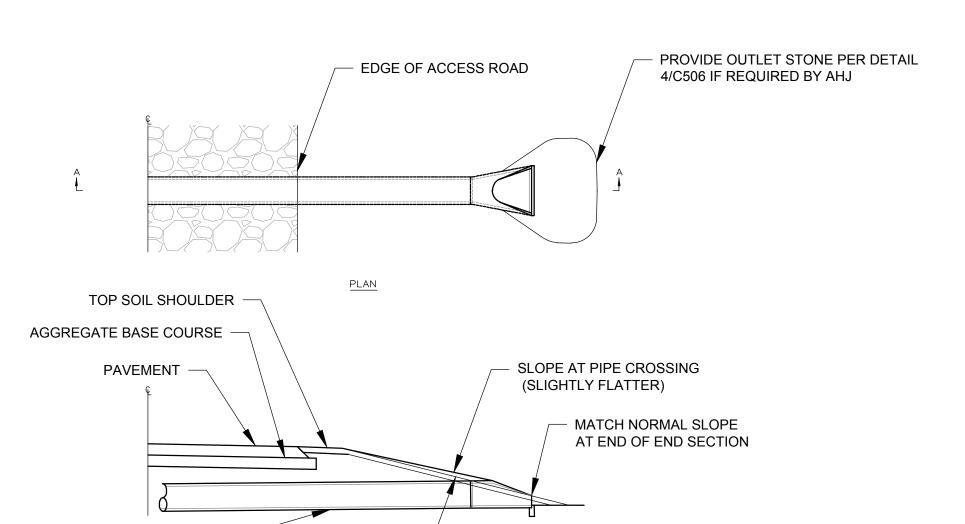
567363.0003.0000 - S Barnes Road Solar - DT-FN.dwg











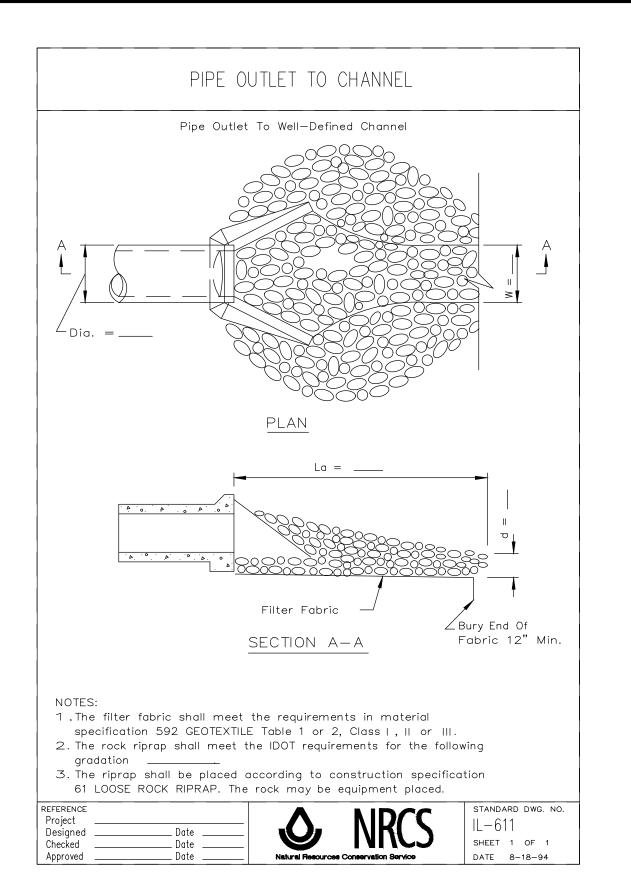


CMP CULVERT PIPE WITH

FLARED END SECTION

TYPICAL CMP CULVERT

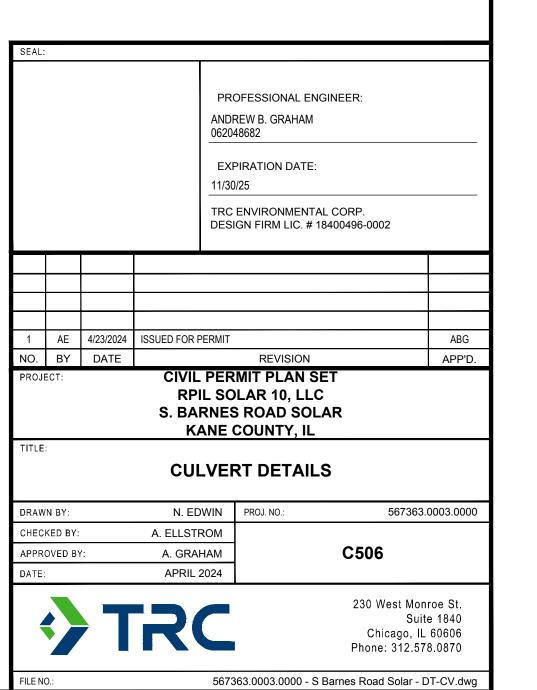
NOT TO SCALE





TYPICAL CULVERT OUTLET STONE

NOT TO SCALE



NORMAL SLOPE 4:1 TYPICAL

SECTION A-A

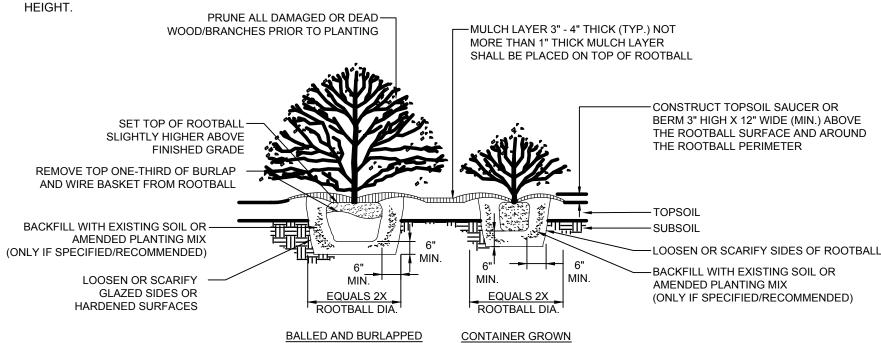


GENERAL LANDSCAPE AND SEEDING NOTES

- 1. THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- 2. THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF (1) ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE INVASIVE SPECIES MONITORING, REMOVAL, AND SUPPLEMENTATION. MONITORING OF THE PROJECT SITE SHALL OCCUR IN THE SPRING AND THE FALL TO DETERMINE THE PRESENCE OF INVASIVE SPECIES. SHOULD ANY INVASIVE SPECIES BE IDENTIFIED WITHIN THE PROJECT SITE, THE INVASIVE SPECIES SHALL BE REMOVED ACCORDING TO METHODS MOST LIKELY TO BE EFFECTIVE IN CONTROLLING THAT SPECIES AND SUPPLEMENTING ITS REPLACEMENT WITH APPROPRIATE VEGETATION AND SEED MIX IDENTIFIED (AND APPROVED) ON THIS PLAN AND/OR AN APPROVED EQUAL. ADDITIONAL MAINTENANCE RESPONSIBILITIES INCLUDE: APPROVED CULTIVATING. SPRAYING, WEEDING, WATERING, TIGHTENING OF TREE STRAP GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL 90 DAYS AFTER FINAL ACCEPTANCE.
- 3. THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
- 4. THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL.
- 5. ALL SHRUB MASSING AREAS SHALL BE MULCHED TO A DEPTH OF 2" WITH SHREDDED HARDWOOD BARK MULCH.
- 6. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER. CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE CONTRACTOR. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED AS PER THE DETAIL. SEE LANDSCAPING PLAN(S) FOR PLANTING DETAILS.
- . COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- 3. LANDSCAPE PLANTING PITS MUST BE FREE DRAINING. PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED UNLESS RECOMMENDED OTHERWISE BY SOIL ANALYSIS.
 - PLANTING SOIL MIXTURE:
- 2 PARTS PEAT MOSS
- **5 PARTS TOPSOIL** MYCORRHIZA INOCULANT - "TRANSPLANT 1-STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL. USE PER MANUFACTURER'S

RECOMMENDATIONS FOR TREES AND SHRUBS. FERTILIZER/LIME APPLY AS RECOMMENDED BY SOIL ANALYSIS

- TREES, AND SHRUBS: TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCATION OF THE PROJECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL HABIT OF GROWTH THEY SHALL BE SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE. THEY SHALL HAVE HEALTHY AND WELL-DEVELOPED ROOT SYSTEMS. ALL TREES SHALL HAVE STRAIGHT SINGLE TRUNKS WITH THEIR MAIN LEADER INTACT UNLESS OTHERWISE STATED. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL TREES AND SHRUBS SHALL BE MULCHED IN ACCORDANCE WITH THE RESPECTIVE PLANTING DETAIL(S) PROVIDED IN THE LANDSCAPING PLAN.
- 🔻 ALL PRUNING SHALL CONFORM TO THE TREE CARE INDUSTRY ASSOCIATION (TCIA) ANSI A300 (PART 1) 2017 PRUNING STANDARDS. PRUNING STANDARDS SHALL RECOGNIZE BUT, ARE NOT LIMITED TO, THE FOLLOWING PRUNING OBJECTIVES: MANAGE RISK, MANAGE HEALTH, DEVELOP STRUCTURE, PROVIDE CLEARANCE, MANAGE SIZE OR SHAPE, IMPROVE AESTHETICS, MANAGE PRODUCTION OF FRUIT, FLOWERS, OR OTHER PRODUCTS, AND/OR MANAGE WILDLIFE HABITAT. DEVELOPING STRUCTURE SHALL IMPROVE BRANCH AND TRUNK ARCHITECTURE, PROMOTE OR SUBORDINATE CERTAIN LEADERS, STEMS, OR BRANCHES; PROMOTE DESIRABLE BRANCH SPACING; PROMOTE OR DISCOURAGE GROWTH IN A PARTICULAR DIRECTION (DIRECTIONAL PRUNING); MINIMIZE FUTURE INTERFERENCE WITH TRAFFIC, LINES OF SIGHT, INFRASTRUCTURE, OR OTHER PLANTS; RESTORE PLANTS FOLLOWING DAMAGE; AND/OR REJUVENATE SHRUBS. PROVIDING CLEARANCE SHALL ENSURE SAFE AND RELIABLE UTILITY SERVICES; MINIMIZE CURRENT INTERFERENCE WITH TRAFFIC, LINES OF SITE, INFRASTRUCTURE, OR OTHER PLANTS; RAISE CROWN(S) FOR MOVEMENT OF TRAFFIC OR LIGHT PENETRATION; ENSURE LINES OF SIGHT OR DESIRED VIEWS; PROVIDE ACCESS TO SITES, BUILDINGS, OR OTHER STRUCTURES; AND/OR COMPLY WITH REGULATIONS.
- TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4 INCHES. CONTRACTOR SHALL SUBMIT TOPSOIL TO A CERTIFIED TESTING LABORATORY TO DETERMINE PH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS FROM REGIONAL EXTENSION OFFICE OF USDA TO THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR GOOD PLANT GROWTH AND PROPER SOIL ACIDITY RECOMMENDED FROM THE
- NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS/GRASSES AND PLANTINGS FROM ESTABLISHING PROPERLY.
- IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL APPLICABLE STANDARDS, REQUIREMENTS, AND/OR
- ALL SLOPES GREATER THAN 3:1 RECEIVING A WILDFLOWER, WETLAND, AND/OR GRASS SEEDING MIXTURE SHALL BE COVERED WITH AN EROSION CONTROL BLANKET.
- ALL WILDFLOWERS AND GRASSES SOWED SHALL BE ALLOWED TO GROW TO THEIR NATURALLY OCCURRING HEIGHTS WHENEVER POSSIBLE. NATIVE WILDFLOWERS AND/OR GRASSES CAN BE MOWED/MAINTAINED (WITHIN ACCEPTABLE AREAS IDENTIFIED AND/OR APPROVED BY APPROPRIATE REGULATORY AGENCIES) AS OFTEN AS NEEDED TO KEEP THE VEGETATION AT A DESIRED AND/OR MANAGEABLE/MANICURED



SHRUB PLANTING DETAIL

- IN AREAS WITH MASS PLANTINGS, CONTINUOUS EXCAVATION AND MULCHING PRACTICES SHALL
- BE IMPLEMENTED WHENEVER POSSIBLE
- IT IS NOT RECOMMENDED TO AMEND THE EXISTING SOIL BEFORE BACKFILLING THE HOLE UNLESS SOIL CONDITIONS ARE POOR FOR PLANTING.

LEGEND - OVERALL PLANTING TOTALS

VISUAL MITIGATION PLANTING TEMPLATE TYPE B LANDSCAPE PLANTING SCHEDULE

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	34	4'-5' HT. CLUMP	B&B	15'-20' HT.
CC	CARPINUS CAROLINIANA AMERICAN HORNBEAM	60	1.5" - 2" CAL.	B&B	25'-30' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	26	3'-4' HT.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	36	5'-6' HT.	B&B	40'-50' HT.
PA	PICEA ABIES NORWAY SPRUCE	43	5'-6' HT.	B&B	40'-60' HT.
PG	PICEA GLAUCA WHITE SPRUCE	34	5'-6' HT.	B&B	40'-60' HT.
ТО	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	33	5'-6' HT.	B&B	30'-40' HT.

<u>SHRUB</u>	<u>S</u>				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
cs	CORNUS SERICEA RED OSIER DOGWOOD	44	24"-30" HT.	3 / 5 GAL. CONT.	7'-9' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	42	24"-30" HT.	3 / 5 GAL. CONT.	10'-12' HT.

VIBURNUM PRUNIFOLIUM

BLACKHAW VIBURNUM

VISUAL MITIGATION PLANT TOTALS

3 / 5 GAL.

10'-12' HT.

24"-30" HT.

-DO NOT PRUNE, STAKE, OR WRAP TREES WITH A STRONG ANY/ ALL PRUNING SHALL BE DONE IN — CENTRAL LEADER UNLESS ACCORDANCE WITH APPROVED DIRECTED BY THE LANDSCAPE HORTICULTURAL STANDARDS TO ARCHITECT, DESIGNER, OR PRESERVE THE NATURAL FORM OF THE CERTIFIED ARBORIST. SPECIFIC PLANTS, IF DEEMED NECESSARY AND APPROVED BY THE CERTIFIED ARBORIST, ONE-FOURTH TO ONE-THIRD OF THE WOOD AND/OR BRANCHES SHALL BE REMOVED TO BALANCE ROOT LOSS DUE TO TRANSPLANTING. 2" x 2" x 8'-0" BEVELED CEDAR OR HARDWOOD STAKES: USE 3 STAKES PER TREE. STAKES SHALL BE DRIVEN 6"-8" OUTSIDE OF ROOT BALL AND SHOULD ALLOW FOR FLEXIBILITY IN THE TREE TRUNK. DO NOT OVERDRAW TREE STAKES. REES SHALL BE STAKED USING REMOVE TOP ONE-THIRD OF -NYLON BELT-LIKE MATERIAL OR BURLAP AND WIRE BASKET APPROVED EQUAL. ALL STAKING FROM ROOTBALL MATERIAL SHALL BE REMOVED AT THE END OF ONE YEAR. MULCH LAYER 3" - 4" THICK — TREE WRAP (AS DIRECTED, (TYP.) NOT MORE THAN 1" SPECIFIED, AND/OR REQUIRED) THICK MULCH LAYER SHALL BE PLACED ON TOP OF ROOTBALL -SET TOP OF ROOTBALL SLIGHTLY HIGHER ABOVE CONSTRUCT TOPSOIL SAUCER -FINISHED GRADE OR BERM 3" HIGH BEYOND RADIUS OF ROOTBALL (TYP.) GRADF / : FINISHED GRADE TAMP PLANTING MIX AROUND -BASE TO STABILIZE TREE LOOSEN OR SCARIFY GLAZED -SIDES OR HARDENED SURFACES COMPACT PLANTING MIX UNDER — ROOTBALL AND SLOPE TOWARDS PERIMETER OF PIT

NATIVE/DECIDUOUS TREE PLANTING DETAIL

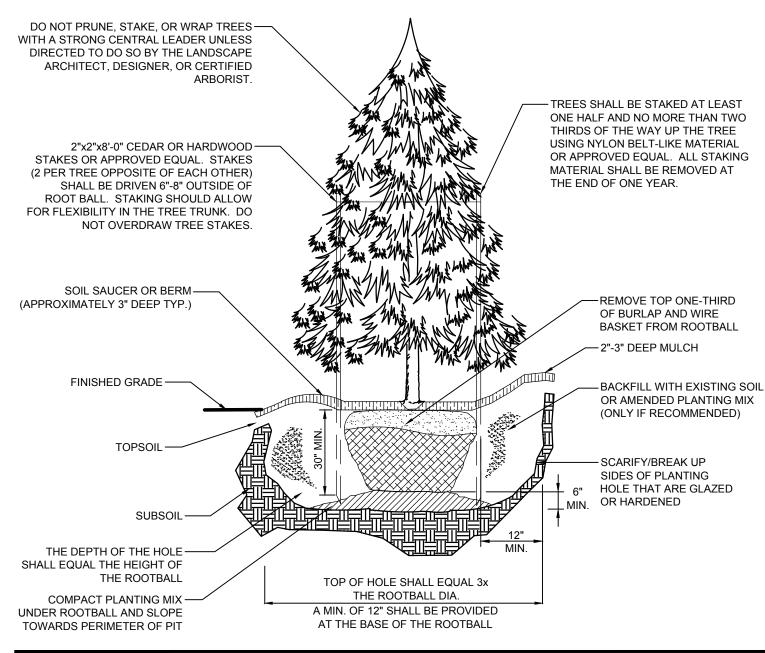
- TREE PLANTING SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT WAS PRE-DUG IN THE NURSERY.
- NEVER CUT THE PRIMARY LEADER.
- IT IS NOT RECOMMENDED TO AMEND THE EXISTING SOIL BEFORE BACKFILLING THE HOLE UNLESS SOIL CONDITIONS
- WATER THOROUGHLY TO HELP ENSURE THE REMOVAL OF AIR POCKETS AND PROPERLY SET THE TREE.

			RATE	0/ 1400/ /500/ 500
SCIENTIFIC NAME	COMMON NAME	SEEDS/SF	(LBS/AC)	% MIX (BY SF)
COVER			1	
AVENA SATIVA	OATS	6	20.4200	12.85%
FORB	I AND THE CONTRACT		T	
GENTIANA ALBA	WHITE GENTIAN	0.41	0.01	_
ALLIUM CERNUUM	NODDING ONION	0.51	0.12	_
ANEMONE CANADESIS	CANADA ANEMONE	0.18	0.06	
ANEMONE CYLINDRICA	LONG-HEADED THIMBLEWEED	0.6	0.06	_
ASCLEPIAS SYRIACA	COMMON MILKWEED	0.46	0.30	_
ASCLEPIAS VERTICILLATA	WHORLED MILKWEED	0.32	0.08	
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	0.36	0.19	
ECHINACEA PALLIDA	PALE PURPLE CONEFLOWER	0.64	0.25	
EUTHAMIA GRAMINIFOLIA	GRASS LEAVED GOLDENROD	0.8	0.01	
GALIUM BOREALE	NORTHERN BEDSTRAW	0.4	0.02	
LIATRIS ASPERA	ROUGH BLAZING STAR	0.28	0.05	
LOBELIA SPICATA	ROUGH-SPIKED LOBELIA	1.03	0.00	
MONARDA FISTULOSA	WILD BERGAMOT	0.8	0.03	30.83%
PENSTEMON GRANDIFLORUS	LARGE-FLOWERED BEARD TONGUE	0.48	0.09	
PHLOX PILOSA	PRAIRIE PHLOX	0.11	0.02	
POTENTILLA ARGUTA	PRAIRIE CINQUEFOIL	0.53	0.01	
PYCNANTHEMUM VIRGINIANUM	VIRGINIA MOUNTAIN MINT	0.76	0.01	
RATIBIDA PINNATA	YELLOW CONEFLOWER	0.96	0.06	
RUDBECKIA HIRTA	BLACK-EYED SUSAN	1.58	0.05	
SISYRINCHIUM CAMPESTRE	FIELD BLUE EYED GRASS	0.52	0.03	
SOLIDAGO RIGIDA	STIFF GOLDENROD	0.47	0.03	
SOLIDAGO SPECIOSA	SHOWY GOLDENROD	0.55	0.02	
SYMPHYOTRICHUM ERICOIDES	HEATH ASTER	0.46	0.01	
SYMPHYOTRICHUM LAEVE	SMOOTH ASTER	0.63	0.03	
ZIZIA APTERA	HEART-LEAVED ALEXANDERS	0.55	0.12	
GRAMINOID				
BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	3.31	1.50	
CAREX VULPINOIDEA	FOX SEDGE	4.59	0.31	
KOELERIA MACRANTHA	JUNEGRASS	4.59	0.07	41.90%
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	4.13	0.75	
SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	2.94	0.50	
LEGUME				,
ASTRAGALUS CANADENSIS	CANADA MILK VETCH	0.78	0.12	
DALEA CANDIDA	WHITE PRAIRIE CLOVER	1.74	0.25	9.83%
DALEA PURPUREA	PURPLE PRAIRIE CLOVER	2.07	0.38	
SEDGE			•	•
CAREX BICKNELLII	BICKNELL'S SEDGE	0.78	0.12	
CAREX BREVIOR	SHORT SEDGE	0.67	0.07	4.58%
CAREX PENSYLVANICA	PENNSYLVANIA SEDGE	0.69	0.06	

IOTE: GRASS SEED MIXES ARE COMPRISED OF GRASSES AND WILDFLOWERS THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABLE FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY, THE SOLAR FARM SEED MIX WAS DEVELOPED ESPECIALLY FOR NATIVE GRASS PLANTINGS AROUND SOLAR ARRAY FIELDS AND SHALL BE UTILIZED ACCORDINGLY

SEED MIXES TO FOLLOW SAMPLE SPECIFICATIONS FOR THE ESTABLISHMENT OF NATIVE VEGETATION AS PART OF HABITAT FRIENDLY SOLAR PROJECTS DEVELOPED BY THE MINNESOTA BOARD OF WATER AND SOIL RESOURCES AND THE MINNESOTA DEPARTMENT OF NATURAL RESOURCES. SEE "PRAIRIE ESTABLISHMENT & MAINTENANCE TECHNICAL GUIDANCE FOR SOLAR PROJECTS" BY THE MINNESOTA DEPARTMENT OF NATURAL RESOURCES, LAST REVISED JULY 2020, FOR FERTILIZER AND PESTICIDE APPLICATION RULES, REGULATIONS AND RESTRICTIONS.

SOLAR FARM SEED MIX



EVERGREEN TREE PLANTING DETAIL

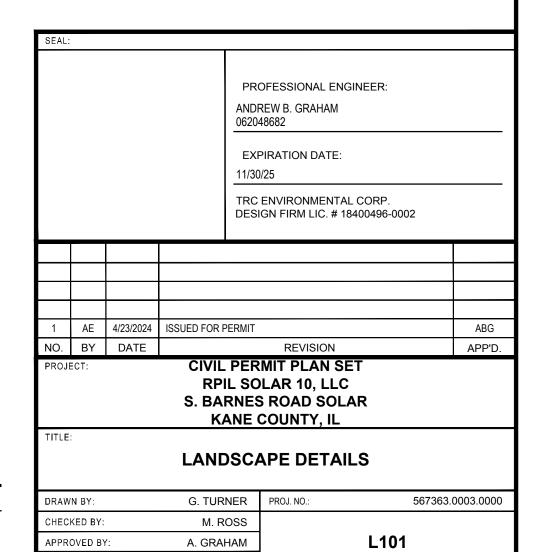
NOTES:

- TREE PLANTING SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT WAS PRE-DUG IN THE NURSERY.
- NEVER CUT THE PRIMARY LEADER.
- IT IS NOT RECOMMENDED TO AMEND THE EXISTING SOIL BEFORE BACKFILLING THE HOLE UNLESS SOIL CONDITIONS ARE POOR FOR PLANTING.
- WATER THOROUGHLY TO HELP ENSURE THE REMOVAL OF AIR POCKETS AND PROPERLY SET THE TREE.

ROUNDSTONE SEED MIX 108: GRASS MEADOW ECONOMY: MEDIUM TO WET SITES							
MIX CONCN.	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT ²			
19.53%	BIG BLUESTEM	ANDROPOGON GERARDII					
27.34%	VIRGINIA WILD RYE	ELYMUS VIRGINICUS					
11.72%	SWITCHGRASS (BLACKWELL)	PANICUM VIRGATUM					
3.91%	DEER TONGUE GRASS	PANICUM CLANDESTINUM					
1.25%	BUTTERFLY MILKWEED	ASCLEPIAS TUBEROSA					
2.47%	BLACKEYED SUSAN	RUDBECKIA HIRTA		.275			
1.86%	OHIO SPIDERWORT	TRADESCANTIA OHIENSIS					
7.85%	WILD SENNA	CASSIA MARILANDICA	12				
4.55%	ILLINOIS BUNDLEFLOWER	DESMANTHUS ILLINOENSIS					
6.97%	PURPLE CONEFLOWER	ECHINACEA PURPUREA					
6.60%	FALSE SUNFLOWER	HELIOPSIS HELIANTHOIDES					
0.84%	BERGAMOT	MONARDA FISTULOSA					
0.89%	NEW ENGLAND ASTER	ASTER NOVAE-ANGLIAE					
3.89%	MAXIMILIAN SUNFLOWER	HELIANTHUS MAXIMILIANI					
0.36%	JOE-PYE WEED	EUPATORIUM FISTULOSUM					

NOTE: GRASS SEED MIXES ARE COMPRISED OF GRASSES AND WILDFLOWERS THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABI F FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY. THE WET MEADOW SEED MIX WAS DEVELOPED ESPECIALLY FOR NATIVE PLANTINGS WITHIN LOW WET AREAS OF THE SITE, DRAINAGE SWALES, AND DEPRESSIONAL AREAS, AND SHALL BE UTILIZED ACCORDINGLY. THESE PLANTINGS WILL MATURE OUT TO A HEIGHT OF APPROXIMATELY 3 TO 3 1/2 FEET HIGH

WET MEADOW SEED MIX



230 West Monroe St.

Chicago, IL 60606

Phone: 312.578.0870

567363.0003.0000 - S Barnes Road Solar - LA.dwg

Suite 1840

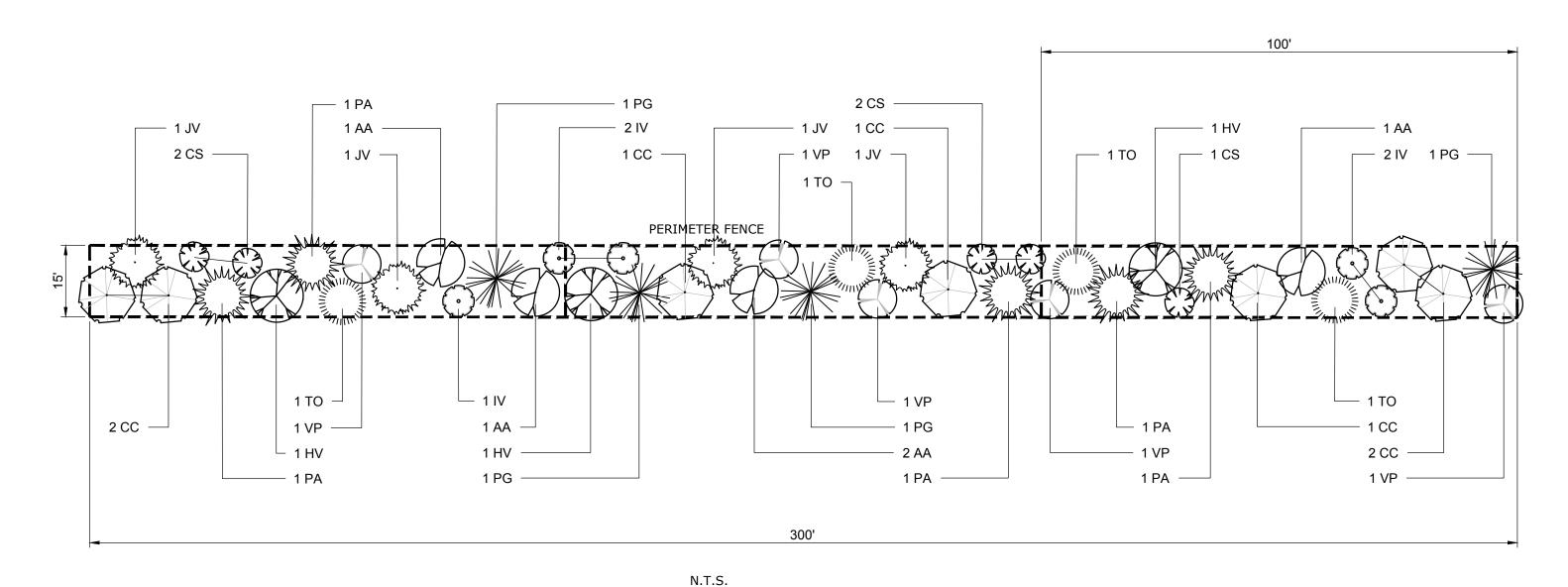
PRELIMINARY NOT FOR CONSTRUCTION

LANDSCAPE PLANTING SCHEDULE (15' SUPPLEMENTAL VISUAL BUFFER/SCREENING EFFORT)

DECIDL	JOUS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	4'-5' HT. CLUMP	B&B	15'-20' HT.
СС	CARPINUS CAROLINIANA AMERICAN HORNBEAM	7	1.5" - 2" CAL.	B&B	25'-30' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	4	5'-6' HT.	B&B	40'-50' HT.
PA	PICEA ABIES NORWAY SPRUCE	5	5'-6' HT.	B&B	40'-60' HT.
PG	PICEA GLAUCA WHITE SPRUCE	4	5'-6' HT.	B&B	40'-60' HT.
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	4	5'-6' HT.	B&B	30'-40' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
cs	CORNUS SERICEA RED OSIER DOGWOOD	5	24"-30" HT.	3 / 5 GAL. CONT.	7'-9' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	24"-30" HT.	3 / 5 GAL. CONT.	10'-12' HT.
VP	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	5	24"-30" HT.	3 / 5 GAL. CONT.	10'-12' HT.



KANE COUNTY, IL CODE OF ORDINANCES:

§ 25-5-4-9: COMMERCIAL SOLAR ENERGY FACILITIES: PERFORMANCE STANDARDS RELATED TO SCREENING AS WRITTEN;

LANDSCAPING:

VEGETATIVE SCREENING: A VEGETATIVE SCREEN SHALL BE PROVIDED FOR ANY PART OF THE COMMERCIAL SOLAR ENERGY FACILITY THAT IS VISIBLE TO NON-PARTICIPATING RESIDENCE(S). THE LANDSCAPING SCREEN SHALL BE LOCATED BETWEEN THE REQUIRED FENCING AND THE PROPERTY LINE OF THE PARTICIPATING PARCEL UPON WHICH THE FACILITY SITS. THE VEGETATIVE SCREENING SHALL INCLUDE A CONTINUOUS LINE OF NATIVE EVERGREEN FOLIAGE AND/OR NATIVE SHRUBS AND/OR NATIVE TREES AND/OR ANY EXISTING WOODED AREA AND/OR PLANTINGS OF TALL NATIVE GRASSES AND OTHER NATIVE FLOWERING PLANTS.

ADDITIONAL NOTES:

1.SHRUB AND TREE LOCATIONS SHALL BE STAKED OUT AND APPROVED PRIOR TO PLANTING. SEE DETAIL SHEETS L-101 TO L-103 FOR PLANTING DETAILS, NOTES, AND SCHEDULES FOR EACH LANDSCAPE BUFFER.

2. PLACEMENT OF LANDSCAPE BUFFERS SHALL BE LOCATED AT THE OUTER EDGE OF THE PERIMETER FENCE TO ENHANCE SCREENING EFFORTS AND AVOID SHADING CONCERNS - SOME FIELD ADJUSTMENTS FOR STAKED LOCATIONS WILL BE NECESSARY.

VISUAL MITIGATION PLANTING TEMPLATE - TYPE B

LEGEND - VM1 LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE B TOTAL MITIGATION LENGTH = 1320 LF

DECIDU	IOUS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	14	4'-5' HT. CLUMP	B&B	15'-20' HT.
СС	CARPINUS CAROLINIANA AMERICAN HORNBEAM	23	1.5" - 2" CAL.	B&B	25'-30' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	11	3'-4' HT.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	14	5'-6' HT.	B&B	40'-50' HT.
PA	PICEA ABIES NORWAY SPRUCE	17	5'-6' HT.	B&B	40'-60' HT.
PG	PICEA GLAUCA WHITE SPRUCE	14	5'-6' HT.	B&B	40'-60' HT.
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	13	5'-6' HT.	B&B	30'-40' HT.

SHRUB	S				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
cs	CORNUS SERICEA RED OSIER DOGWOOD	17	24"-30" HT.	3 / 5 GAL. CONT.	7'-9' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	17	24"-30" HT.	3 / 5 GAL. CONT.	10'-12' HT.
VP	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	16	24"-30" HT.	3 / 5 GAL. CONT	10'-12' HT.

LEGEND - VM2 PLANTING TEMPLATE TYPE B LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1210 LF

DECIDUOU	S AND EVERGREEN TREES	<u> </u>			
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	16	4'-5' HT. CLUMP	B&B	15'-20' HT
СС	CARPINUS CAROLINIANA AMERICAN HORNBEAM	28	1.5" - 2" CAL.	B&B	25'-30' HT
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	12	3'-4' HT.	B&B	20'-25' HT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	17	5'-6' HT.	B&B	40'-50' HT
PA	PICEA ABIES NORWAY SPRUCE	20	5'-6' HT.	B&B	40'-60' HT
PG	PICEA GLAUCA WHITE SPRUCE	16	5'-6' HT.	B&B	40'-60' HT
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	16	5'-6' HT.	B&B	30'-40' HT

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
CS	CORNUS SERICEA RED OSIER DOGWOOD	20	24"-30" HT.	3 / 5 GAL CONT	7'-9' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	20	24"-30" HT.	3 / 5 GAL CONT.	10'-12' HT.
VP	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	19	24"-30" HT.	3 / 5 GAL CONT	10'-12' HT.

LEGEND - VM3 LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE B TOTAL MITIGATION LENGTH = 335 LF

DECIDU	JOUS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	4'-5' HT. CLUMP	B&B	15'-20' HT.
CC	CARPINUS CAROLINIANA AMERICAN HORNBEAM	9	1.5" - 2" CAL.	B&B	25'-30' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	5	5'-6' HT.	B&B	40'-50' HT.
PA	PICEA ABIES NORWAY SPRUCE	6	5'-6' HT.	B&B	40'-60' HT.
PG	PICEA GLAUCA WHITE SPRUCE	4	5'-6' HT.	B&B	40'-60' HT.
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	4	5'-6' HT.	B&B	30'-40' HT.

SHRUBS					-
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURI HEIGHT
cs	CORNUS SERICEA RED OSIER DOGWOOD	7	24"-30" HT.	3 / 5 GAL. CONT.	7'-9' HT
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	24"-30" HT.	3 / 5 GAL. CONT.	10'-12' H
VP	VIBURNUM PRUNIFOLIUM BLACKHAW VIBURNUM	5	24"-30" HT.	3 / 5 GAL CONT.	10'-12' H

VISUAL MITIGATION PLANTING SCHEDULE: VM1 AND VM2

	VM1 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE								
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING				
L1	TYPE A	295	N86° 06' 32.56"E	E:967765.5329, N:1854635.5708	E:968060.0851, N:1854655.6047				
L2	TYPE A	55	S34° 48' 09.50"E	E:968060.0851, N:1854655.6047	E:968091.7066, N:1854610.1117				
L3	TYPE A	688	S18° 11' 28.97"E	E:968091.7066, N:1854610.1117	E:968306.4432, N:1853956.6554				
L4	TYPE A	281	S05° 07' 34.51"E	E:968306.4432, N:1853956.6554	E:968331.5837, N:1853676.4120				

	VM2 VEGETATIVE BUFFER / SCREEN MITIGATION TABLE								
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING				
L5	TYPE B	83	N00° 00' 00.00"E	E:966809.1647, N:1853670.3612	E:966809.1647, N:1853752.9897				
L6	TYPE B	542	N19° 43' 44.47"E	E:966809.1647, N:1853752.9897	E:966992.2081, N:1854263.3955				
L7	TYPE B	213	N19° 35' 00.52"E	E:966992.2081, N:1854263.3955	E:967063.6601, N:1854464.2393				
L8	TYPE B	128	N08° 11' 22.73"E	E:967063.6601, N:1854464.2393	E:967081.9396, N:1854591.2529				
L9	TYPE B	243	S89° 59' 54.18"E	E:967081.9396, N:1854591.2529	E:967325.0810, N:1854591.2460				

VM3 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE								
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING			
L10	TYPE B	249	S05° 28' 10.78"E	E:968320.0413, N:1853633.1003	E:968343.7413, N:1853385.5927			
L11	TYPE B	86	S00° 00' 00.00"E	E:968343.7413, N:1853385.5927	E:968343.7413, N:1853299.5173			

VISUAL MITIGATION COORDINATE TABLES

SEAL:					
			AND 0620 EX 11/30 TRO	OFESSIONAL ENGINEER: REW B. GRAHAM 48682 PIRATION DATE: 0/25 ENVIRONMENTAL CORP. IGN FIRM LIC. # 18400496-0002	
1	AE	4/23/2024	ISSUED FOR PERMIT		ABG
NO.	BY	4/23/2024 DATE	ISSUED FOR PERMIT	REVISION	APP'
PROJE			RPIL SC S. BARNES	RMIT PLAN SET DLAR 10, LLC S ROAD SOLAR COUNTY, IL	
TITLE		LAN	DSCAPE PLA	ANTING SCHEDULE	S
DRAW	N BY:		G. TURNER	PROJ. NO.:	67363.0003.00
CHEC	KED BY:		M. ROSS		
APPR	OVED B	Y:	A. GRAHAM	L102	
			APRIL 2024	I	

Suite 1840 Chicago, IL 60606 Phone: 312.578.0870

567363.0003.0000 - S Barnes Road Solar - LA.dwg