

CARROLL SOUTH SOLAR

6828 WHITE ROCK RD, SYKESVILLE, MD 21784 MAP 72 PARCEL 619 & 85
ISSUED FOR PERMITTING

JULY 27, 2026

CONCEPT PLAN

DRAWING INDEX

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PROJECT DEVELOPER

CARROLL SOUTH SOLAR, LLC
CARROLL SOUTH SOLAR 2, LLC
CARROLL SOUTH SOLAR 3, LLC
11000 PROSPERITY FARMS ROAD, SUITE 205, PALM BEACH GARDENS, FL 33410
+1 561-589-9755

PROPERTY OWNER

SOUTH CARROLL LAND INVESTMENT, LLC
1935 BABBS CT, MARRIOTSVILLE MD, 21104

PROJECT LOCATION

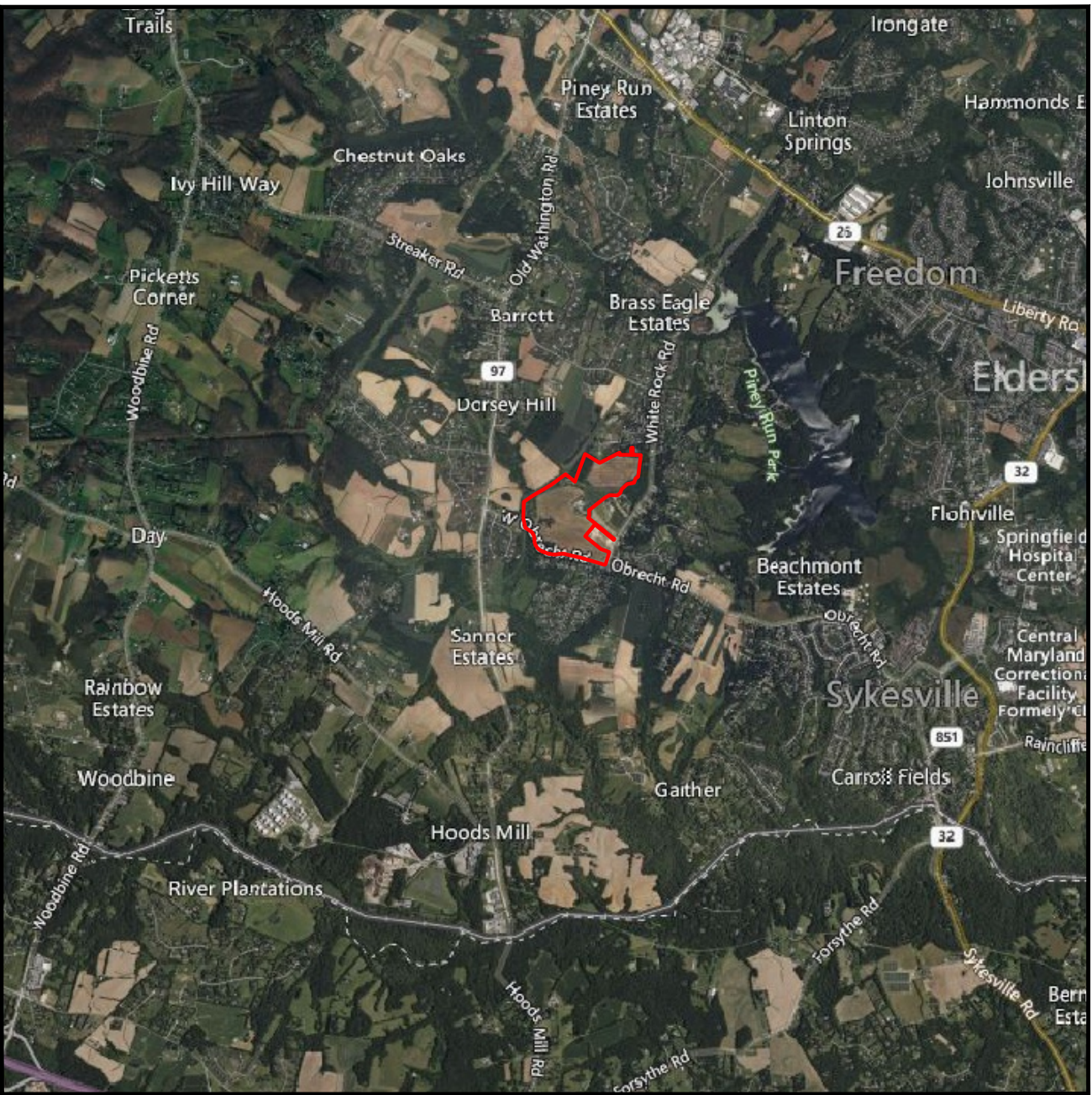
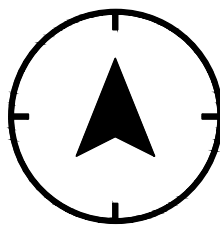
6828 WHITE ROCK ROAD, SYKESVILLE, MD
CARROLL COUNTY, MARYLAND
ELECTION DISTRICT: 14: BERRETT, PRECINCT 14-005

CIVIL ENGINEER & PREPARER

WSP USA INC.
100 APOLLO DRIVE
CHELMSFORD, MA 01824
T +1 978-692-9090
OLIVIA.CROSBY@WSP.COM



REV	DATE	DETAILS
0	07/27/2026	CONCEPT PLAN ISSUED FOR CARROLL COUNTY REVIEW



LOCUS MAP
1"=5000'

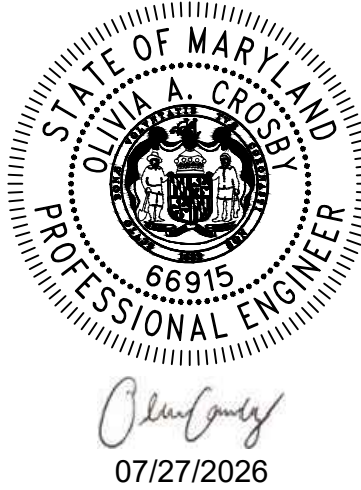
SITE DETAILS

ZONING DISTRICT	AGRICULTURE. A PORTION OF THE SITE IS ZONED CONSERVATION.
EXISTING USE	AGRICULTURE
PROPOSED USE	GROUND MOUNTED SOLAR PV ARRAY
TOTAL PROPERTY (2) AREAS	147.78 ACRE
TOTAL DEVELOPED AREA	APPROXIMATELY 1,648,990 SQ FT, 37.8 ACRE
TAX INFORMATION	MAP 72, GRID 18, PARCEL 619 & PARCEL 85 PLAT BOOK 57, PAGE 193
COUNTY FILE NUMBER	S-26-0037

PROFESSIONAL CERTIFICATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME,
AND THAT I AM A DULY LICESNSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE
STATE OF MARYLAND.

LICENSE NUMBER: 66915
EXPIRATION DATE: 04/20/2028



1. THE PROJECT AREA IS TWO PARCELS LOCATED AT 6828 WHITE ROCK ROAD, SYKESVILLE MD, FURTHER IDENTIFIED AS MAP 72, BLOCK 18, PARCELS 619 & 85. THE PARCELS ARE PRIMARILY ZONED AGRICULTURAL, WITH A SECTION OF BOTH PARCELS BEING ZONED CONSERVATION. SOLAR IS PERMITTED IN BOTH ZONING TYPES ACCORDING TO THE CARROLL COUNTY CODE.
2. THE PROJECT AREA IS 147.78 ACRES. THE PROPOSED LIMIT OF DISTURBANCE IS 1,674,030 SQ FT, 38.4 ACRE.
3. ACCORDING TO FEMA FIRM 24013C0294D, EFFECTIVE 10/2/2015, THE SITE IS PRIMARILY IN FLOOD ZONE 'X'. A SMALL PORTION OF WESTERN SIDE OF THE SITE IS LOCATED IN FLOOD ZONE 'A'.
4. NEITHER ENCOMPASS SERVICES, LLC OR WSP HAVE INDEPENDENTLY VERIFIED THE LOCATION, EXISTENCE, AND SERVICEABILITY OF ANY UTILITIES AND MAKE NO GUARANTEE TO THE COMPLETENESS OR ACCURACY OF ANY UTILITIES SHOWN ON THESE PLANS. UTILITIES SHOWN WERE FIELD LOCATED ABOVEGROUND AND VISUAL, AND OR REFERENCED FROM PLANS MAP REFERENCES. ADDITIONAL UTILITIES MAY EXIST IN THE FIELD, WHICH ARE NOT SHOWN ON THIS PLAN. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD PRIOR TO EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES. CALL MISS UTILITY OF MARYLAND AT 811. ENCOMPASS SERVICES, LLC AND WSP USA INC. ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN ON THIS PLAN.
5. THERE ARE NO KNOWN FIRE HYDRANTS WITHIN 1,000 FEET OF THE PROJECT SITE.

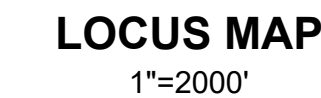
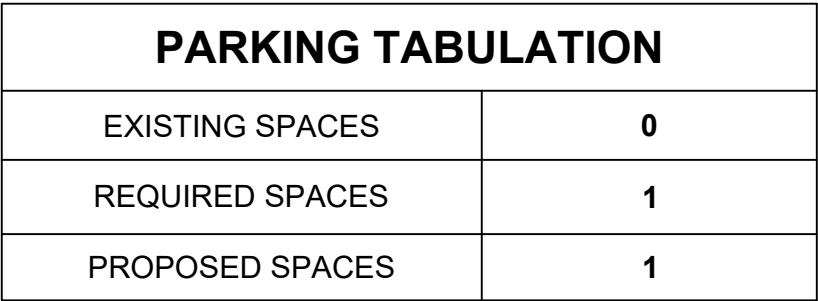
- CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL CODES, REGULATIONS, AND PERMIT REQUIREMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS UTILITY OF MARYLAND AND LOCATING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO ANY EARTH DISTURBANCE OR EXCAVATION ACTIVITIES.
5. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, STRUCTURES, ROADWAYS, DRAINAGE FACILITIES, VEGETATION, AND OTHER IMPROVEMENTS DESIGNATED TO REMAIN. ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL REVIEW ALL PLANS, DETAILS, AND SPECIFICATIONS PRIOR TO COMMENCING WORK. ANY CONFLICTS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION BEGINS.
8. CONSTRUCTION SHALL BE LIMITED TO THE APPROVED LIMITS OF DISTURBANCE SHOWN ON THE PLANS.
9. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO THE SITE AND SHALL CONDUCT ALL OPERATIONS IN ACCORDANCE WITH APPLICABLE OSHA REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS, METHODS, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
11. ALL MATERIALS SHALL BE NEW AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED.
12. ALL DISTURBED AREAS NOT OTHERWISE IMPROVED SHALL BE RESTORED AND STABILIZED UPON COMPLETION OF CONSTRUCTION.
13. CONSTRUCTION DEBRIS, WASTE MATERIALS, AND UNUSED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
14. THE CONTRACTOR SHALL MINIMIZE DISTURBANCE TO ADJACENT PROPERTIES, NATURAL RESOURCES, STREAMS, WETLANDS, AND ENVIRONMENTALLY SENSITIVE AREAS.
15. ALL SURVEY STAKING, LAYOUT, AND CONSTRUCTION CONTROL REQUIRED FOR INSTALLATION OF THE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE NOTED.
16. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO COMMENCEMENT OF CONSTRUCTION AND UPON COMPLETION OF CONSTRUCTION FOR FINAL REVIEW OF THE WORK.

1. CONCEPTUAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INCORPORATED INTO PROJECT DEVELOPMENT AND REFINED DURING SUBSEQUENT DESIGN PHASES. FINAL EROSION AND SEDIMENT CONTROL PLANS SHALL BE PREPARED AND SUBMITTED IN ACCORDANCE WITH APPLICABLE COUNTY AND STATE REQUIREMENTS PRIOR TO OBTAINING A GRADING PERMIT.
2. ACCORDING TO THE US DEPARTMENT OF AGRICULTURE WEB SOIL SURVEY, ACCESS JULY, 2026, THE MAJORITY (80.2% OF THE SITE HAS SOIL WITH A K FACTOR OF LESS THAN 0.3, MEANING THAT THEY ARE MODERATELY SUSCEPTIBLE TO EROSION. THE REMAINING 19.8% OF THE SITE HAS SOIL WITH A K FACTOR OF ~0.37. THIS MEANS THAT THE SOIL IS MODERATE TO HIGHLY SUSCEPTIBLE TO EROSION. THESE AREAS ARE EXCLUSIVELY AROUND THE DELINEATED STREAMS ON SITE.
3. ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AUTHORITY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AUTHORITY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THE SEQUENCE MUST BE APPROVED IN WRITING FROM THE ENGINEER.
4. CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E&S BMPs SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THE E&S PLAN.
5. AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
6. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT ADDITIONAL (AS NEEDED) AND APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE APPROPRIATE REVIEWING AUTHORITY AS REQUIRED.
7. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
8. A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
9. SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

10. THE VARIABLE STREAM BUFFER WAS CALCULATED ACCORDING TO THE CARROLL COUNTY WATER RESOURCE MANAGEMENT MANUAL, TABLE G-1, SHOWING CALCULATED VALUES IS INCLUDED TO THE RIGHT. THE SOUTHERN STREAM REACH IS NOT SHOWN AS REQUIRING A STREAM BUFFER ON THE CARROLL COUNTY WATER RESOURCE GUIDANCE MAP, THEREFORE, NO STREAM BUFFER WAS CALCULATED FOR THIS REACH. STREAM BUFFER WAS CALCULATED USING TRANSECTS EVERY 100FT STARTING FROM THE WEST.

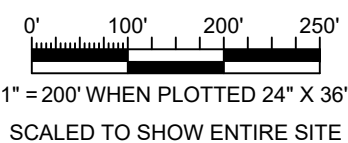
CLIENT: SEAL:	CARROLL SOUTH SOLAR, LLC, CARROLL SOUTH SOLAR 2, LLC CARROLL SOUTH SOLAR 3, LLC
07/27/2026	
DESIGNED BY: KRS	DRAWN BY: SCALE:
CHECKED BY: OAC	AS SHOWN
PROJECT NUMBER: 2026US561006	
DRAWING NUMBER: 0101-TTL	
SHEET NUMBER:	

1. THIS PLAN WAS GENERATED USING DATA PROVIDED BY ENCOMPASS SERVICES, LLC FROM THEIR ON-SITE FIELD VISIT PERFORMED IN MAY 2026.
2. ALL DIMENSIONS TO BE CONFIRMED ON-SITE PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE INDICATIVE ONLY AND IN FT. UNLESS OTHERWISE SPECIFIED.
3. THIS PLAN IS IN THE MARYLAND START PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
4. CARROLL COUNTY CODE REQUIRES ONE PARKING SPACE PLUS ONE FOR EACH EMPLOYEE. ONE NEW PARKING SPACE IS PROPOSED.
5. NEITHER ENCOMPASS SERVICES, LLC OR WSP HAVE INDEPENDENTLY VERIFIED THE LOCATION, EXISTANCE, AND SERVICEABILITY OF ANY UTILITIES AND MAKE NOT GUARANTEE TO THE COMPLETENESS OR THE ACCURACY OF ANY UTILITIES SHOWN ON THIS PLAN. UTILITIES SHOWN WERE FIELD LOCATED ABOVEGROUND AND VISUAL AND OR REFERENCED FROM PLANS MAP REFERENCES. ADDITIONAL UTILITIES MAY EXIST IN THE FIELD, WHICH ARE NOT SHOWN ON THIS PLAN. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD PRIOR TO EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES. CALL "DIG SAFE" AT 1-888-344-7233 OR DIAL 811. ENCOMPASS SERVICES, LLC AND WSP USA INC. ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN ON THIS PLAN.
6. PROPOSED LIMIT OF WORK IS APPROXIMATELY 37.8 ACRES.



	100'	MAJOR CONTOUR
		MINOR CONTOUR
		PROPERTY LINE
		ABUTTER PROPERTY LINE
		CARROLL COUNTY ZONING BOUNDARY
		RIGHT OF WAY
	OHE OHE	OVERHEAD ELECTRIC
		WATER EDGE
		WATER
	20' 20'	100' COUNTY/RECA SETBACK
		EDGE OF TREES
		EDGE OF ASPHALT
		ASPHALT
		BOUNDARY EVIDENCE
		SLOPE BETWEEN 15% AND 25%
		SLOPE GREATER THAN 25%
		FENCE
	U	UTILITY POLE
		EXISTING EASEMENT
		WETLAND BOUNDARY
		WETLAND
		STREAM
		STRUCTURE
		EDGE OF CONCRETE
		CONCRETE
		25' WETLAND BUFFER
		FEMA FLOOD ZONE A
		FEMA FLOOD ZONE AE
	G G	GAS LINE
	150' 150'	150' RESIDENTIAL BUILDING SETBACK
		VARIABLE STREAM BUFFER

	WILDLIFE FRIENDLY FENCE
	DOUBLE GATE
	UNDERGROUND ELECTRIC
	EDGE OF CONCRETE
	CONCRETE
	EDGE OF GRAVEL
	GRAVEL
	UTILITY POLE
	SOLAR PV ARRAY
	APPROXIMATE TREE CLEARING AREA
	ARRAY BOUNDARY
	LANDSCAPED VEGETATIVE BUFFER
	OVERHEAD ELECTRIC
	LIMIT OF WORK (LOW)
	REMOVE FENCE
	ARRAY AREA WITH LEVEL SPREADERS
	PROPOSED CONTOURS (1 FT INTERVALS)
	GRASSED SWALE



MAP 72, BLOCK 18, COUNTY FILE NUMBER:
PARCEL 619 & PARCEL 85 S-26-0037

ISSUED FOR PERMITTING

[illegible]

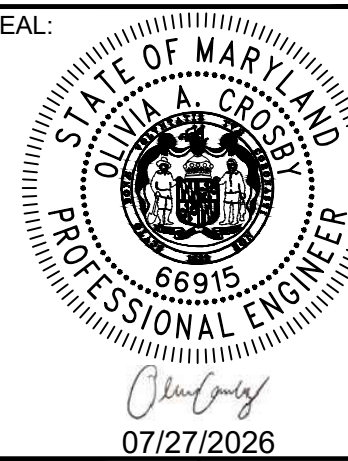
PT: CARROLL SOUTH SOLAR

PROPOSED SOLAR ARRAY SITE PLAN

PROJECT:

PATIENT: _____

SEAL:



DESIGNED BY: KRS	DRAWN BY: KRS
CHECKED BY:	SCALE:

CHECKED BY: OAC	SCALE: AS SHOWN
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PROJECT NUMBER:
2026US561606

DRAWING NUMBER:
0400-STE

SHEET NUMBER:



LOCUS MAP
1"=2000'

MAP 72, BLOCK 18, COUNTY FILE NUMBER:
PARCEL 619 & PARCEL 85 S-26-0037

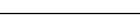
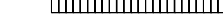
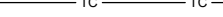
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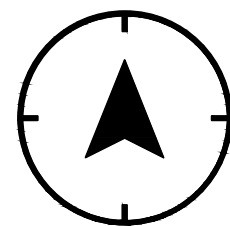
LEGEND

EXISTING

- | | |
|--|-----------------------------------|
| | MAJOR CONTOUR |
| | MINOR CONTOUR |
| | PROPERTY LINE |
| | ABUTTER PROPERTY LINE |
| | CARROLL COUNTY ZONING BOUNDARY |
| | RIGHT OF WAY |
| | OVERHEAD ELECTRIC |
| | WATER EDGE |
| | WATER |
| | 100' COUNTY/RECA SETBACK |
| | EDGE OF TREES |
| | EDGE OF ASPHALT |
| | ASPHALT |
| | BOUNDARY EVIDENCE |
| | SLOPE BETWEEN 15% AND 25% |
| | SLOPE GREATER THAN 25% |
| | FENCE |
| | UTILITY POLE |
| | EXISTING EASEMENT |
| | WETLAND BOUNDARY |
| | WETLAND |
| | STREAM |
| | STRUCTURE |
| | EDGE OF CONCRETE |
| | CONCRETE |
| | 25' WETLAND BUFFER |
| | FEMA FLOOD ZONE A |
| | FEMA FLOOD ZONE AE |
| | GAS LINE |
| | 150' RESIDENTIAL BUILDING SETBACK |
| | VARIABLE STREAM BUFFER |

PROPOSED

- | | |
|---|------------------------------------|
|  | WILDLIFE FRIENDLY FENCE |
|  | DOUBLE GATE |
|  | UNDERGROUND ELECTRIC |
|  | EDGE OF CONCRETE |
|  | CONCRETE |
|  | EDGE OF GRAVEL |
|  | GRAVEL |
|  | UTILITY POLE |
|  | SOLAR PV ARRAY |
|  | APPROXIMATE TREE CLEARING AREA |
|  | ARRAY BOUNDARY |
|  | LANDSCAPED VEGETATIVE BUFFER |
|  | OVERHEAD ELECTRIC |
|  | LIMIT OF WORK (LOW) |
|  | REMOVE FENCE |
|  | ARRAY AREA WITH LEVEL SPREADERS |
|  | PROPOSED CONTOURS (1 FT INTERVALS) |
|  | GRASSED SWALE |



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CHELMSFORD MA 01824
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WEB: WWW.WSP.COM

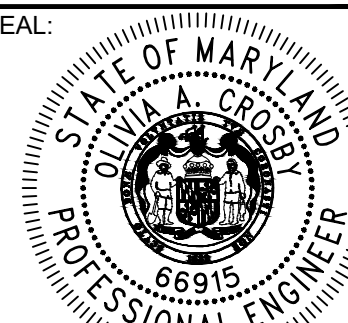
0	07/27/2026				ISSUED FOR PERMITTING NOT FOR CONSTRUCTION	KRS	OAC
REVISION	DATE				ISSUE / REVISION DESCRIPTION	ISSUED	APPROVED

PT: CARROLL SOUTH SOLAR

PROPOSED SOLAR ARRAY SITE PLAN

ENT: CARROLL SOUTH
SOLAR, LLC, CARROLL
SOUTH SOLAR 2, LLC,
CARROLL SOUTH
SOLAR 3, LLC

SEAL:



DESIGNED BY: KRS	DRAWN BY: KRS
CHECKED BY:	SCALE:

CHECKED BY: OAC	SCALE: AS SHOWN
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PROJECT NUMBER:
2026US561606

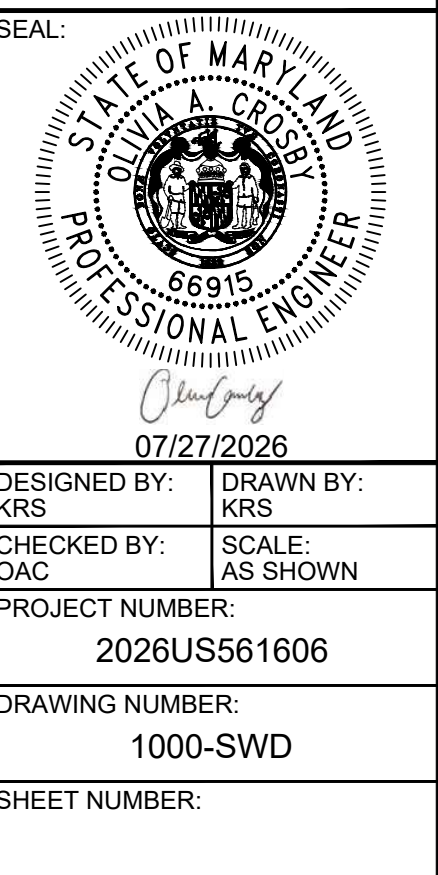
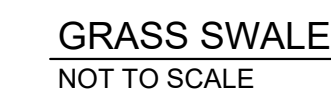
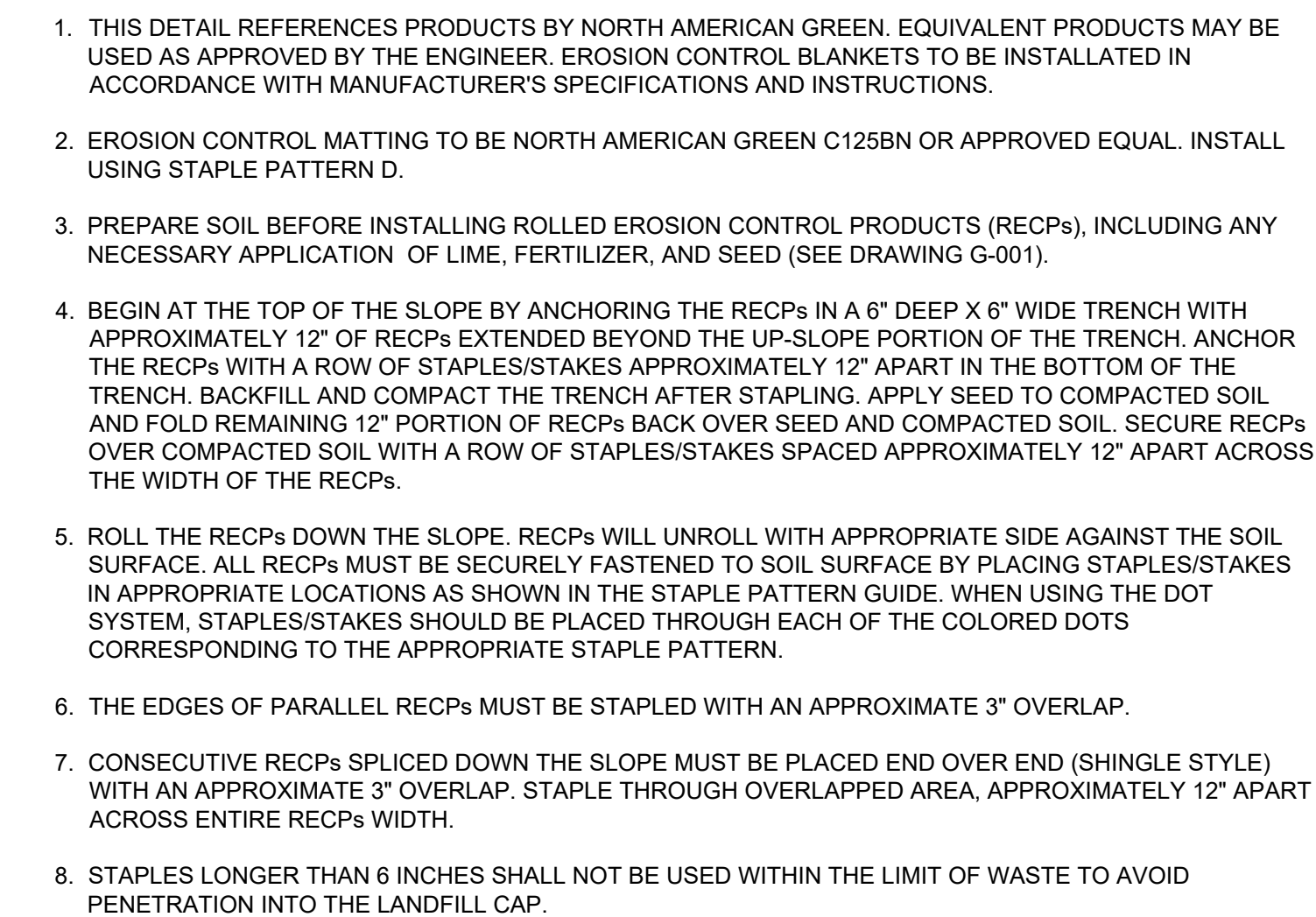
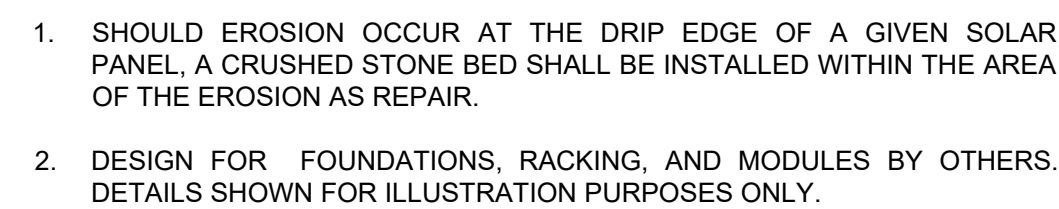
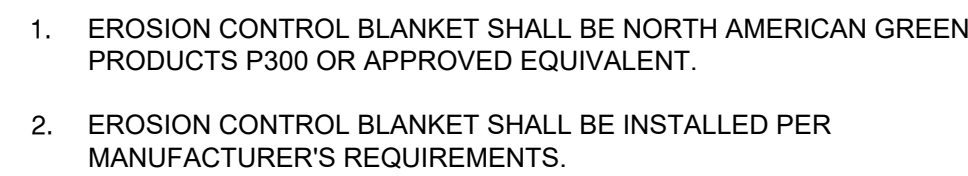
DRAWING NUMBER:

0401-S

SHEET NUMBER

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D:\APR Renewables\2026US560616 - Carroll South Solar\CAD\30% Design\SHEETS\3-5 - Carroll South - C-101-2.dwg - C-102 - Jul. 27, 2026 12:49pm - USKS140856



ISSUED FOR PERMITTING

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D:\APR Renewables\2026US560616 - Carroll South Solar\CAD\30% Design\SHEETS\6-7 - Carroll South - C-502 - Jul. 27, 2026 1:04pm - USKS140856

UPON COMPLETION OF SITE CONSTRUCTION, ALL AREAS PREVIOUSLY DISTURBED SHALL BE TREATED AS STATED BELOW PER THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (MD SESC). THESE AREAS WILL BE CLOSELY MONITORED BY THE CONTRACTOR UNTIL SUCH TIME AS A SATISFACTORY GROWTH OF VEGETATION IS ESTABLISHED. SATISFACTORY GROWTH SHALL MEAN APPROXIMATELY 90% OF THE AREA IS VEGETATED WITH VIGOROUS GROWTH.

9. SEEDED AREAS SHALL RECEIVE A LAYER OF STRAW MULCH AT A RATE OF 1-2 TONS PER ACRE.
10. IRRIGATION SHALL BE PROVIDED BY AERIAL SPRAYING FOR THE SEEDED AREAS THROUGHOUT THE FIRST GROWING SEASON AS FOLLOWS:
 - 9.1. WATER EACH WEEK FOR THE FIRST FOUR (4) WEEKS FOLLOWING SEEDING.
 - 9.2. WATER EVERY OTHER WEEK FOR THE REMAINDER OF THE GROWING SEASON. WATERING CAN BE SKIPPED IF A SUBSTANTIAL PRECIPITATION EVENT HAS OCCURRED IN BETWEEN WATERING PERIODS.
11. INSPECT SEEDED AREAS FOR FAILURE AND MAKE NECESSARY REPAIRS AND RESEED IMMEDIATELY CONDUCT A FOLLOW-UP SURVEY AFTER ONE YEAR AND RESEED WHERE NECESSARY.
12. IF THERE ARE AREAS WITH LESS THAN 40% COVER, REESTABLISH FOLLOWING THE ORIGINAL RESEEDING SCHEDULE. IF THERE ARE AREAS WITH LESS THAN 40% COVER AT THE END OF THE SEASON, PREVENTS RESEEDING, MULCH OR JUTE NETTING IS AN EFFECTIVE TEMPORARY COVER. IF AN AREA HAS BETWEEN 40 AND 94 PERCENT GROUND COVER, OVER-SEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY SPECIFIED.
13. ALL SEDIMENT CONTROL STRUCTURES WILL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED. ESTABLISHED MEANS APPROXIMATELY 90%, AS DETERMINED BY CONSTRUCTION INSPECTOR, OF THE AREA IS VEGETATED WITH VIGOROUS GROWTH.



- VEGETATED GROUND RESTORATION CROSS-SECTION**
NOT TO SCALE



- ☐ A LARGE TREE
- ☐ B MEDIUM TREE
- ☐ C SHRUB

LANDSCAPE BUFFER

PERMANENT SEEDING SUMMARY						FERTILIZER RATE (10–20–20)			LIME RATE
HARDNESS ZONE: 7A (FIGURE B.3 IN MD SE5C)									
SEED MIXTURE: TO BE DETERMINED BY CONTRACTOR. MIX SHALL BE EITHER ERNST CONSERVATION SEEDS "NORTHEAST SOLAR POLLINATOR 3" MIX" (ERNMX–612), OR APPLEWOOD SEED CO. "EASTERN US SOLAR FARM POLLINATOR MIX" (ESAP)									
MIX ID.	SPECIES	MIX APPLICATION RATE (LB/AC)	MIX SEEDING DATES	MIX SEEDING DEPTH	N	P205	K20		
ERNMX–612	SHEEP FESCUE, VARIETY NOT STATED (FESTUCA OVINA, VARIETY NOT STATED)	40 LBS/AC WITH COVER CROP (1)	AUG 1 – SEP 30	SURFACE (2)	45 LBS/ACRE (1 LB/1000 SF)	90 LBS/AC (2 LB/1000 SF)	90 LBS/AC (2 LB/1000 SF)	2 TONS/AC (90 LB/1000 SF)	
	BUTTERFLY MILKWEED (ASCLEPIAS TUBEROSA)								
	NARROWLEAF MOUNTAINMINT (PYCNANTHEMUM TENUIFOLIUM)								
	GOLDEN ALEXANDERS, PA ECOTYPE (ZIZIA AUREA, PA ECOTYPE)								
	HAIRY BEARDTONGUE (PENSTEMON HIRSUTUS)								
ESAP	BLACK–EYED SUSAN (RUDBECKIA HIRTA)	10 LBS/AC WITH COVER CROP (1)	AUG 1 – SEP 30	SURFACE (2)					
	BUTTERFLY MILKWEED (ASCLEPIAS TUBEROSA)								
	CORN POPPY (PAPAVER RHOEAS)								
	DWARF EVENING PRIMROSE (OENOTHERA MACROCARPA)								
	DWARF PLAINS COREOPSIS (COREOPSIS TINCTORIA)								
	GOLDEN ALEXANDER (ZIZIA AUREA)								
	GRAY GOLDENROD (SOLIDAGO NEMORALIS)								
	HAIRY BEARDTONGUE (PENSTEMON HIRSUTUS)								
	INDIAN BLANKET (GAILLARDIA PULCHELLA)								
	LACY PHACELIA (PHACELIA TANACEIFOLIA)								
	LANCE–LEAVED COREOPSIS (COREOPSIS LANCEOLATA)								
	LEMON MINT (MONARDA CITRIDORA)								
	OHIO SPIDERWORT (TRADESCANTIA OHIENSIS)								
	PARTRIDGE PEA (CHAMAECRISTA FASCICULATA)								
PURPLE CONEFLOWER (ECHINACEA PURPUREA)									
PURPLE PRAIRIE CLOVER (DALEA PURPUREA)									
SCARLET SAGE (SALVIA COCCINEA)									

(1) COVER CROP = GRAIN OATS AT 30 LBS/ACRE (JAN 1 TO JUL 31) OR GRAIN RYE AT 30 LBS/ACRE (AUG 1 TO DEC 31).

(2) DISTURBED AREAS SHALL BE PREPARED FOR SEEDING BY RAKING 6" OF THE GROUND SURFACE TO LOOSEN THE EXISTING SOIL.

1. PERMANENT SEEDING SUMMARY APPLIES TO THE AREA WITHIN THE PROPOSED ARRAY.

Diagram illustrating the installation of a tree pit, showing the tree, root ball, mulch, and surrounding soil structure.

Labels and Instructions:

- 3" THICK MULCH
- REMOVE TWINE & BURLAP FROM TOP 1/2 OF ROOT BALL
- SET STAYS AT 1/2 TO 2/3 UP TREE (SEE NOTE 1)
- ROOT FLARE SHALL BE VISIBLE
- 1/2 WIDTH OF ROOT BALL
- VARIABLES
- UNDISTURBED EARTH
- PLACE ROOTBALL ON UNEXCAVATED OR WELL TAMPERED EARTH
- STAKES TO EXTEND 18" BELOW TREE PIT IN UNDISTURBED GROUND
- SIDES OF EXCAVATION PLANTING HOLE SHALL BE IRREGULAR AND SCARIFIED. MAKE CERTAIN SIDES OF HOLE ARE NOT SMOOTH
- SOIL MIXTURE AS SPECIFIED
- MOUND SOIL TO FORM 2" SAUCER

NOTE(S):

1. STAKE ALL TREES OVER 6 FEET TALL.
2. TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE (OR SLIGHTLY ABOVE).
3. NEVER CUT LEADERS.
4. PRUNE ONLY TO REMOVE DAMAGED OR BROKEN BRANCHES.
5. REMOVE ALL WIRE BRACKETS FROM ROOTBALL.
6. REMOVE ALL STAKES 1 YEAR AFTER PLANTING.

NOT TO SCALE

1. LARGE TREES = 1.5-2" CALIPER AT 3 TREES PER 100 LINEAR FEET. SELECT THREE (3) DIFFERENT TREE SPECIES FROM THE LIST.
2. MEDIUM TREES = 1.1-1.5" CALIPER AT 4 TREES PER 100 LINEAR FEET. SELECT FOUR (4) DIFFERENT TREE SPECIES FROM THE LIST.
3. SHRUBS = 20 PER 100 LINEAR FEET. THE PERCENTAGES OF DECIDUOUS AND EVERGREEN TREES SHOULD BE ROUGHLY 60% DECIDUOUS AND 40% EVERGREEN.
4. COVER CROP = GRAIN RYE (1 SEP TO 30 APR @ 30 LBS/AC), JAPANESE MILLET (1 MAY TO 31 AUG @ 10 LBS/AC, OR BARNYARD GRASS (1 MAY TO 31 AUG @ 10 LBS/AC).
5. PLANTINGS SHALL BE MORE THAN 6 FEET IN HEIGHT AT TIME OF PLANTING AND ADHERE TO THE PLANT SIZE SPECIFICATION ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1).
6. NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES IF THEIR MATURE HEIGHT WILL INTERFERE WITH THE WIRES.
7. SEED MIX OPTION 1: ERNMX-105 (MESIC TO DRY POLLINATOR MIX) 20 LBS/AC WITH 30 LBS/AC COVER CROP
8. SEED MIX OPTION 2: ERNMX-173 (EASTERN NATIVE HABITAT & CREP MIX) 11 LBS/AC WITH 30 LBS/AC COVER CROP

TYPE C LANDSCAPE BUFFER PLANTING PLAN
NOT TO SCALE

MAP 72, BLOCK 18, COUNTY FILE NUMBER:
PARCEL 619 & PARCEL 85 S-26-0037

ISSUED FOR PERMITTING

(2)



WSP USA INC.
100 APOLLO DRIVE, SUITE 302
CHELMSFORD MA 01824
TELEPHONE: (978) 692-9090
FAX: (978) 692-6633
WEB: WWW.WSP.COM

0	07/27/2026		ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION	KRS	OAC
REVISION	DATE		ISSUE / REVISION DESCRIPTION	ISSUED	APPROVED

CT: CARROLL SOUTH SOLAR

PROJECT:

ENT: CARROLL SOUTH
SOLAR, LLC, CARROLL
SOUTH SOLAR 2, LLC,
CARROLL SOUTH
SOLAR 3, LLC

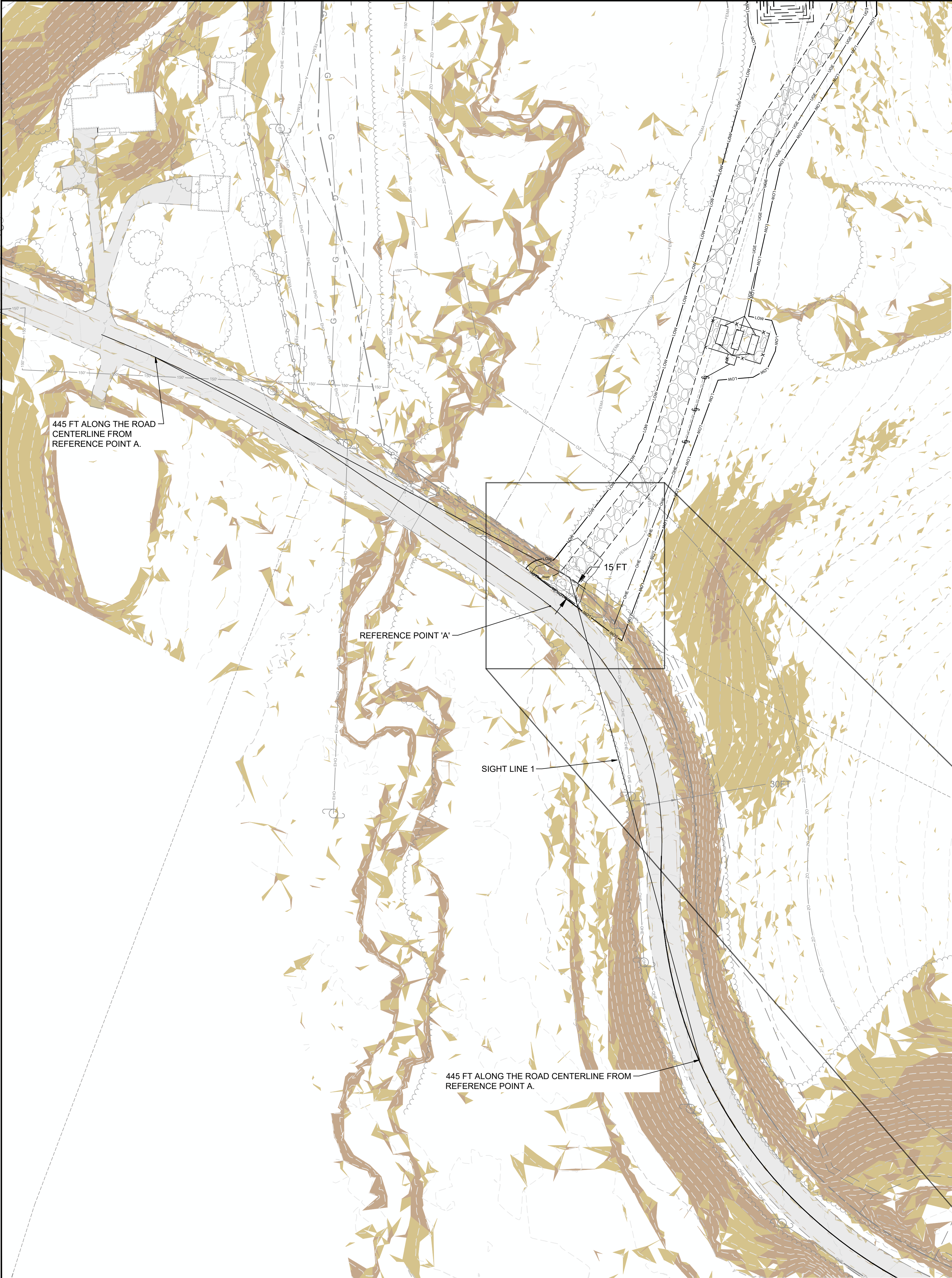
NT:

SEAL:

DESIGNED BY: KRS	DRAWN BY: KRS
CHECKED BY: OAC	SCALE: AS SHOWN
PROJECT NUMBER: 2026US561606	
DRAWING NUMBER: 1300-LSC	
SHEET NUMBER:	

D:\APR Renewables\2026US60616 - Carroll South Solar\CAD\30% Design\SHEETS\8 - Carroll South - L-101.dwg - L-101 - Jul. 27, 2026 1:06pm - USKS140856

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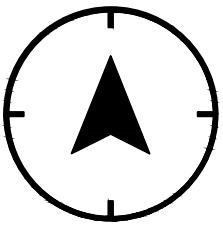


NOTES:

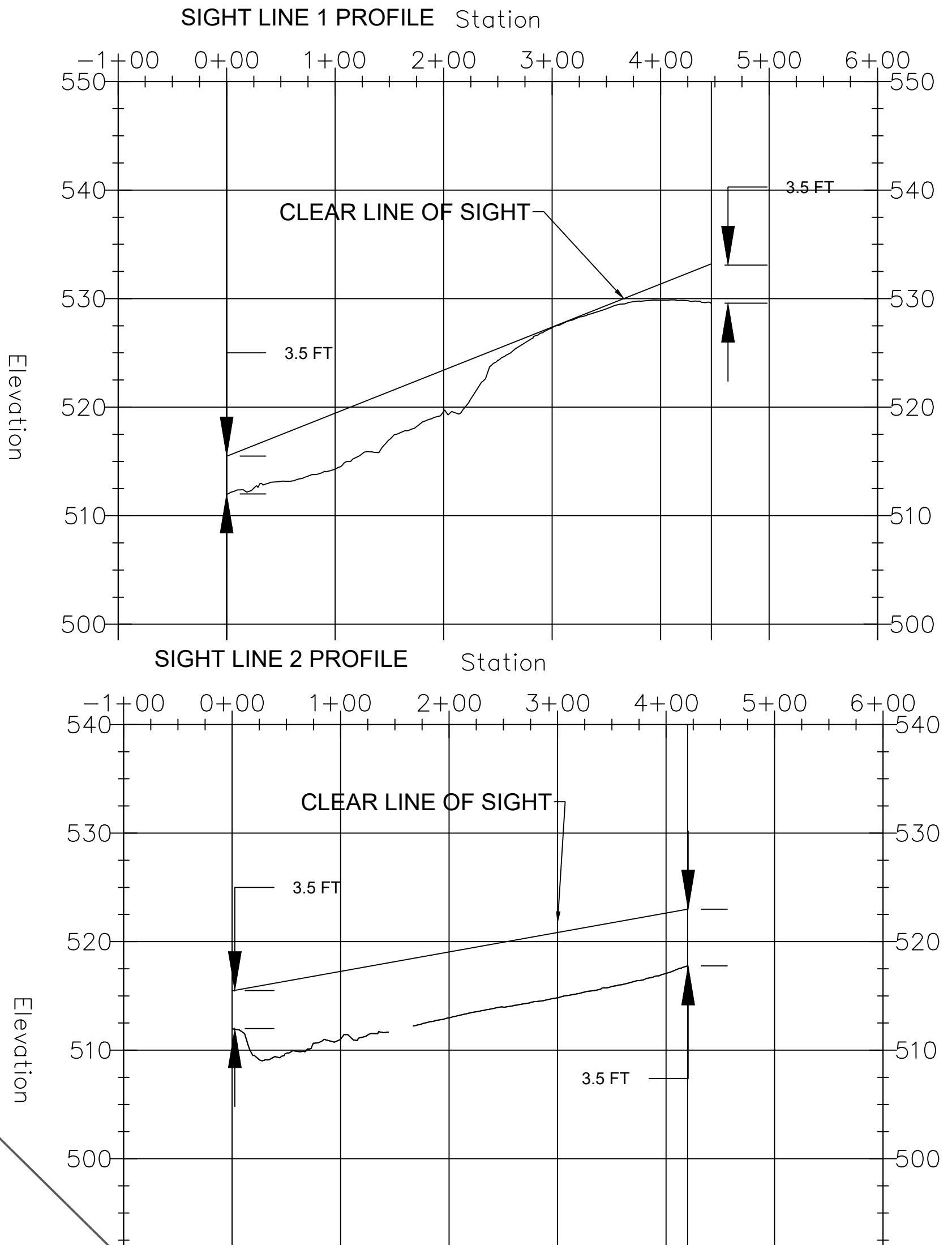
- INTERSECTION SIGHT LINES WERE CREATED USING THE POSTED SPEED LIMIT OF 30 MPH ON OBRECHT ROAD. THE CARROLL COUNTY ROAD DESIGN MANUAL REQUIRES A 445 FT SIGHT LINE AT THIS POSTED SPEED LIMIT.
- PER THE CARROLL COUNTY ROAD DESIGN MANUAL, SIGHT LINES ARE OBSERVED FROM 15 FT AWAY FROM THE PAVED ROAD AND AT A HEIGHT OF 3.5 FT.
- SEE ENLARGED VIEW AND SIGHT LINE PROFILES FOR DETAILS.

4.

NEITHER ENCOMPASS SERVICES, LLC OR WSP HAVE INDEPENDENTLY VERIFIED THE LOCATION, EXISTANCE, AND SERVICEABILITY OF ANY UTILITIES AND MAKE NOT GUARANTEE TO THE COMPLETENESS OR THE ACCURACY OF ANY UTILITIES SHOWN ON THIS PLAN. UTILITIES SHOWN WERE FIELD LOCATED ABOVEGROUND AND VISUAL, AND OR REFERENCED FROM PLANS MAP REFERENCES. ADDITIONAL UTILITIES MAY EXIST IN THE FIELD, WHICH ARE NOT SHOWN ON THIS PLAN. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD PRIOR TO EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES. CALL "DIG SAFE" AT 1-888-344-7233 OR DIAL 811. ENCOMPASS SERVICES, LLC AND WSP USA INC. ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN ON THIS PLAN.



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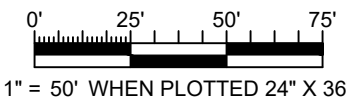
LEGEND

EXISTING

- 100 MAJOR CONTOUR
- MINOR CONTOUR
- PROPERTY LINE
- ABUTTER PROPERTY LINE
- CARROLL COUNTY ZONING BOUNDARY
- RIGHT OF WAY
- OVERHEAD ELECTRIC
- WATER EDGE
- WATER
- 100' COUNTY/RECA SETBACK
- EDGE OF TREES
- EDGE OF ASPHALT
- ASPHALT
- BOUNDARY EVIDENCE
- SLOPE BETWEEN 15% AND 25%
- SLOPE GREATER THAN 25%
- FENCE
- UTILITY POLE
- EXISTING EASEMENT
- WETLAND BOUNDARY
- WETLAND
- STREAM
- STRUCTURE
- EDGE OF CONCRETE
- CONCRETE
- 25' WETLAND BUFFER
- FEMA FLOOD ZONE A
- FEMA FLOOD ZONE AE
- GAS LINE
- 150' RESIDENTIAL BUILDING SETBACK
- VARIABLE STREAM BUFFER

PROPOSED

- WILDLIFE FRIENDLY FENCE
- DOUBLE GATE
- UNDERGROUND ELECTRIC
- EDGE OF CONCRETE
- CONCRETE
- EDGE OF GRAVEL
- GRAVEL
- UTILITY POLE
- SOLAR PV ARRAY
- APPROXIMATE TREE CLEARING AREA
- ARRAY BOUNDARY
- LANDSCAPED VEGETATIVE BUFFER
- OVERHEAD ELECTRIC
- LIMIT OF WORK (LOW)
- REMOVE FENCE
- ARRAY AREA WITH LEVEL SPREADERS
- PROPOSED CONTOURS (1 FT INTERVALS)
- GRASSED SWALE



MAP 72, BLOCK 18, COUNTY FILE NUMBER:
PARCEL 619 & PARCEL 85 S-26-0037

ISSUED FOR PERMITTING

PROJECT:

CARROLL SOUTH SOLAR

**PROPOSED ACCESS
ROAD ENTRANCE**

CLIENT:

CARROLL SOUTH
SOLAR, LLC, CARROLL
SOUTH SOLAR 2, LLC,
CARROLL SOUTH
SOLAR 3, LLC

SEAL:



DESIGNED BY: KRS	DRAWN BY: KRS
CHECKED BY: OAC	SCALE: AS SHOWN
PROJECT NUMBER: 2026US561606	DRAWING NUMBER: 1800-RDP
SHEET NUMBER:	