

LITCHFIELD SOLAR

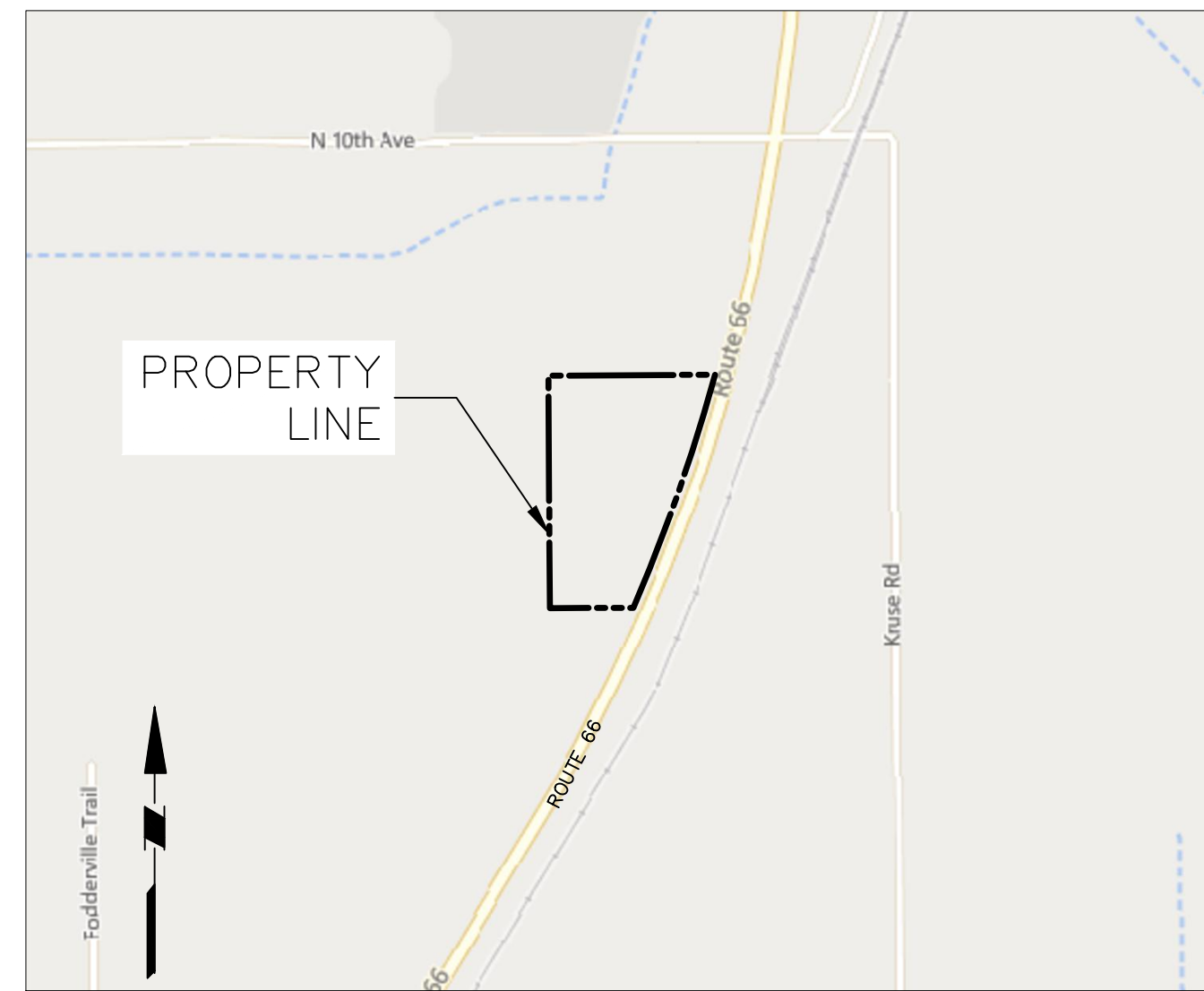
OLD ROUTE 66, LITCHFIELD, IL

PROJECT DESCRIPTION:

THE PROJECT INVOLVES THE CONSTRUCTION OF AN APPROXIMATE 5.9 MEGAWATT DIRECT CURRENT (DC), 5 MEGAWATT ALTERNATING CURRENT (AC) SOLAR TRACKER PHOTOVOLTAIC SYSTEMS AND ALL ASSOCIATED ACTIVITIES GENERALLY INCLUDING ACCESS DRIVEWAY, UTILITIES, SITE PREPARATION, CLEARING, AND EROSION & SEDIMENTATION CONTROL MEASURES. THE LEASE/PROPERTY AREA FOR THE PROJECT IS APPROXIMATELY 23.1 ACRES. THE EXISTING SITE IS AN AGRICULTURAL FIELD LOCATED IN MONTGOMERY COUNTY, ILLINOIS. THE PROJECT SITE IS JUST SOUTH OF THE CITY OF LITCHFIELD, ILLINOIS. THE SITE IS PREDOMINANTLY CLEARED. ACCESS TO THE SITE WILL BE PROVIDED OFF OF ROUTE 66.

GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; THESE PLANS DO NOT COMPLETELY REPRESENT ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS AND THE KIND, QUALITY, AND QUANTITY OF WORK REQUIRED. OWNER MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY INFORMATION THAT WAS OBTAINED FROM INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS; CORRELATE CONDITIONS WITH THE DRAWINGS; AND, RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PERFORM ADDITIONAL TOPOGRAPHIC SURVEYS HE/SHE DEEMS NECESSARY.
3. THE CONTRACTOR SHALL, WHEN HE/SHE DEEMS NECESSARY, PROVIDE A WRITTEN REQUEST FOR INFORMATION (RFI) TO OWNER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITE WORK ITEM. THE RFI SHALL BE IN A FORM ACCEPTABLE TO PROJECT DIRECTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
4. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
5. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION STAKEOUT FOR THIS PROJECT MUST BE COMPLETED FROM THE SITE SPECIFIC SURVEY CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL BY GPS OR OTHER METHODS FOR USE IN CONSTRUCTION STAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE EXISTING HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.
6. UNDERGROUND UTILITIES AND INFRASTRUCTURE ARE LOCATED IN OR NEAR THE SITE AND MAY BE PRESENT IN AREAS OF PROPOSED WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND LOCATING UNDERGROUND UTILITIES AND INFRASTRUCTURE PRIOR TO WORK. IF CONFLICTS WITH PROPOSED WORK ARE OBSERVED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY FOR REVIEW. CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING ADJACENT TO EXISTING UNDERGROUND UTILITIES AND INFRASTRUCTURE. DAMAGED UTILITIES AND INFRASTRUCTURE SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
7. THE PARCEL BOUNDARY INFORMATION IS BASED ON THE 01/28/2025 ALTA/NSPS LAND TITLE SURVEY PREPARED BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE, AND GEOLOGY, D.P.C., THE TOPOGRAPHY SHOWN WAS PROVIDED BY THE SURVEYOR.
8. AREAS USED FOR PARKING DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS INCLUDING REGRADING, LOAMING AND SEEDING. UNDER NO CIRCUMSTANCE SHALL PARKING AREAS, LAYDOWN AREAS, CONSTRUCTION TRAILERS, OR PORTABLE TOILETS BE LOCATED WITHIN A WETLAND RESOURCE AREA AND/OR ANY BUFFER ZONES.



LOCATION MAP
SCALE: 1"=1000'



SITE MAP
SCALE: 1"=200'

CIVIL DRAWING INDEX

NUMBER	DRAWING TITLE
C-101	COVER SHEET
C-102	EXISTING CONDITIONS
C-103	CLEARING PLAN
C-104	SITE PLAN
C-105	SITE PLAN DETAILS
C-106	GRADING & DRAINAGE PLAN
C-107	SOIL EROSION & SEDIMENT CONTROL PLAN
C-108	SOIL EROSION & SEDIMENT CONTROL DETAILS
C-109	PLANTING PLAN
C-110	PLANTING NOTES & DETAILS
C-111	DECOMMISSION PLAN

SUPPORT DOCUMENTS

DRAWING TITLE
LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE, AND GEOLOGY, D.P.C., ALTA/NSPS LAND TITLE SURVEY DATED 01/28/2025

LEGEND

PROPERTY LINE	---
EXISTING MAJOR CONTOUR	---
EXISTING MINOR CONTOUR	---
TOP SOIL REMOVAL	▨
PROPOSED FENCE	-x-x-x-
PROPOSED SINGLE-AXIS SOLAR PANEL ARRAY	
PROPOSED GRAVEL DRIVEWAY	▨
SILT FENCE	—sf—sf—sf—
STABILIZED CONSTRUCTION ENTRANCE	▨
DRAINAGE FLOW ARROW	→
TEMPORARY SOIL STOCKPILE	▨
SEED MIX	▨
SETBACK LINE	---
MUNICIPAL BOUNDARY LINE	---
PROPOSED VEGETATION	▨
UNDERGROUND MV WIRE	—mv—mv—mv—
OVERHEAD WIRE	—ohw—ohw—ohw—
UTILITY POLE	⊙
LIMIT OF DISTURBANCE	—lob—lob—lob—
REBAR REMOVAL	▨

CONTACT LIST

ELECTRICAL ENGINEER TBD

SURVEYOR

LANGAN ENGINEERING & ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C.
200 W MADISON STREET SUITE 1920
CHICAGO, IL 60606
T: (312) 547-7700
E: AMAIONE@LANGAN.COM
ATTN: ANTHONY MAIONE

SOLAR PANEL ENGINEER TBD

CIVIL ENGINEER

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T: (312) 547-7700
E: AUTTAN@LANGAN.COM
ATTN: ANDREW UTTAN

COUNTY ENGINEER

MONTGOMERY COUNTY ENGINEER
11159 IL ROUTE 185
HILLSBORO, IL 62049
T: (217) 532-6109
E: ENGINEER@MONTGOMERYCOUNTYIL.GOV
ATTN: CODY A. GREENWOOD

OWNER/DEVELOPER

CARSON POWER, LLC
110 WILLIAM STREET SUITE 2401
NEW YORK, NY 10038
T: (857) 259-2727
E: OHOOPER@CARSON-POWER.COM
ATTN: OWEN HOOPER

PROFESSIONAL ENGINEER'S CERTIFICATION

I, ANDREW UTTAN, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THIS SUBMISSION WAS PREPARED ON BEHALF OF CARSON POWER, LLC BY LANGAN ENGINEERING & ENVIRONMENTAL SERVICES, DPC UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS _____ DAY OF _____, A.D., 20____

ILLINOIS LICENSED PROFESSIONAL ENGINEER 062-059543
MY LICENSE EXPIRES ON NOVEMBER 30, 2025
DESIGN FIRM REGISTRATION NUMBER: 184.008092-0002

SIGNATURE _____

DATE _____



SITE DATA	
PROPOSED USE: SOLAR ENERGY SYSTEM	
PARCEL NO: 15-17-100-004 & 15-17-200-010	
SOLAR SITE WITHIN FENCE	±16.4 ACRES
PARCEL AREA APPROX.	±23.1 ACRES
TREE CLEARING	N/A
GRAVEL DRIVEWAY	±21,390 SF
PERIMETER FENCE	±3,726 LF

Date	Description	No.
Revisions		

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Project

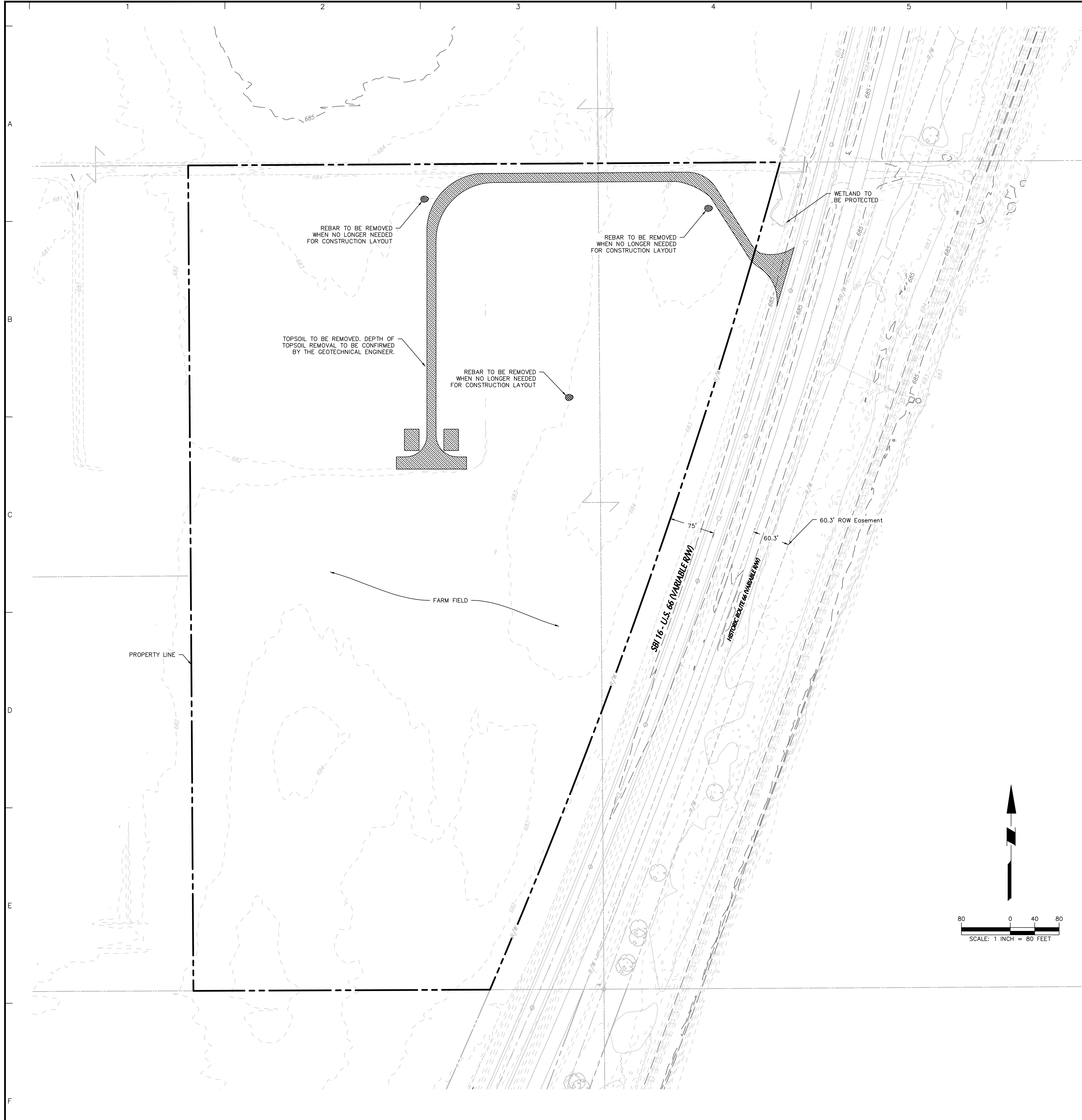
LITCHFIELD SOLAR LLC

MONTGOMERY COUNTY ILLINOIS

Drawing Title

COVER SHEET

Project No. 541060301	Drawing No. C-101
Date 3/7/2025	
Drawn By CID	
Checked By BJL	Sheet 1 of 11

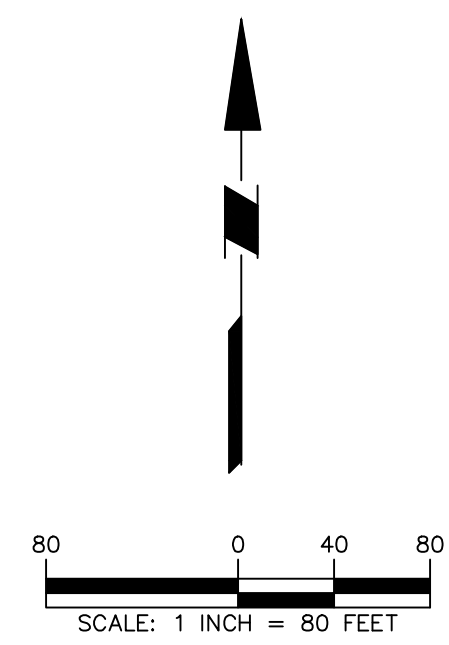
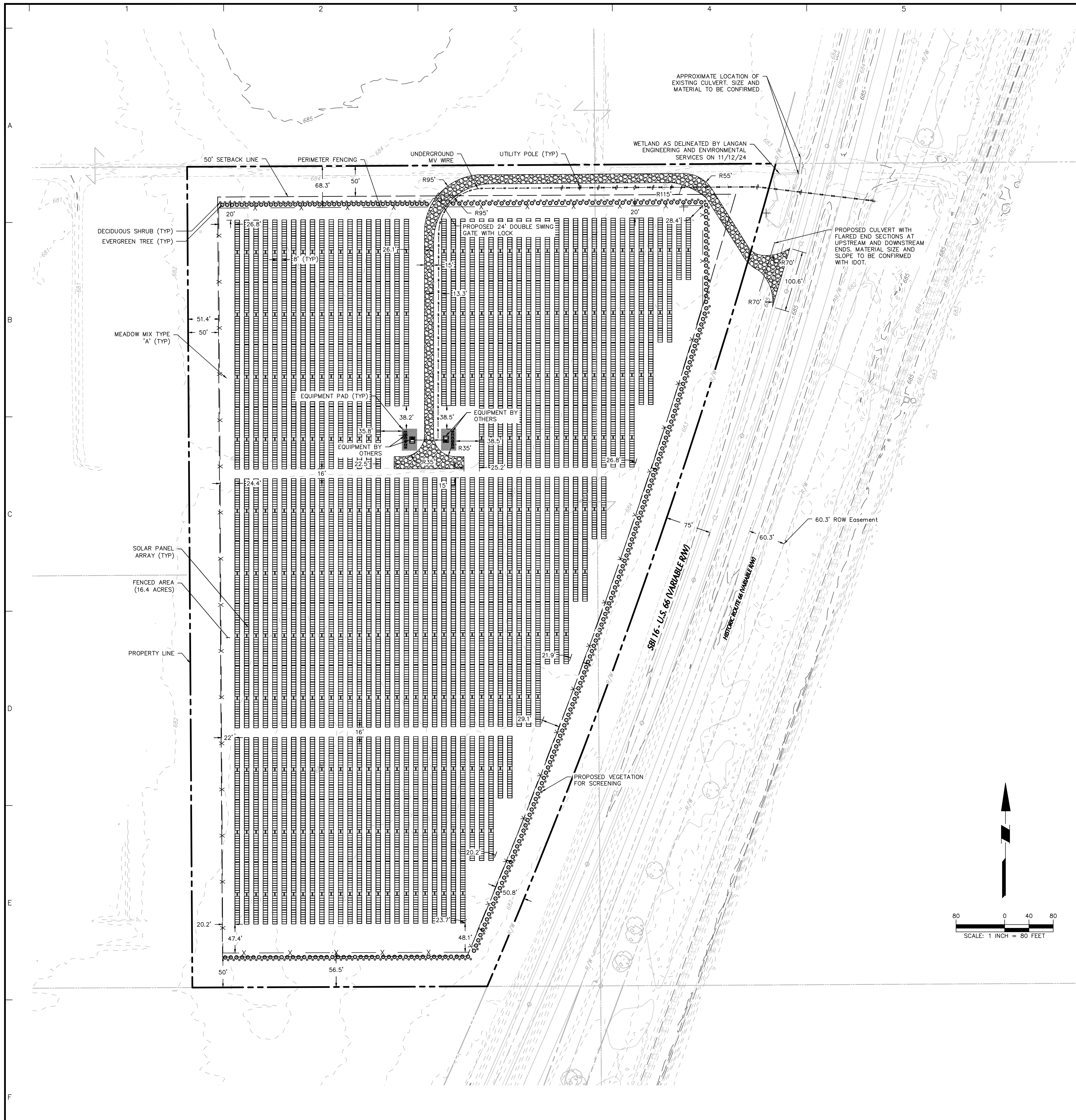


CLEARING PLAN NOTES:

1. AREAS DESIGNATED FOR TREE CLEARING SHALL BE CLEARED ONLY. CLEARING, GRUBBING, AND SUBGRADE PREPARATION LIMITS TO BE UPDATED UPON ESTABLISHMENT OF STRUCTURAL DESIGN CRITERIA AND FINAL DETERMINATION OF REQUIRED GRADE MODIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING SITE CONDITIONS THAT ARE DUE TO CONTRACTOR OPERATIONS.
3. ITEMS TO BE REMOVED ARE TO BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.

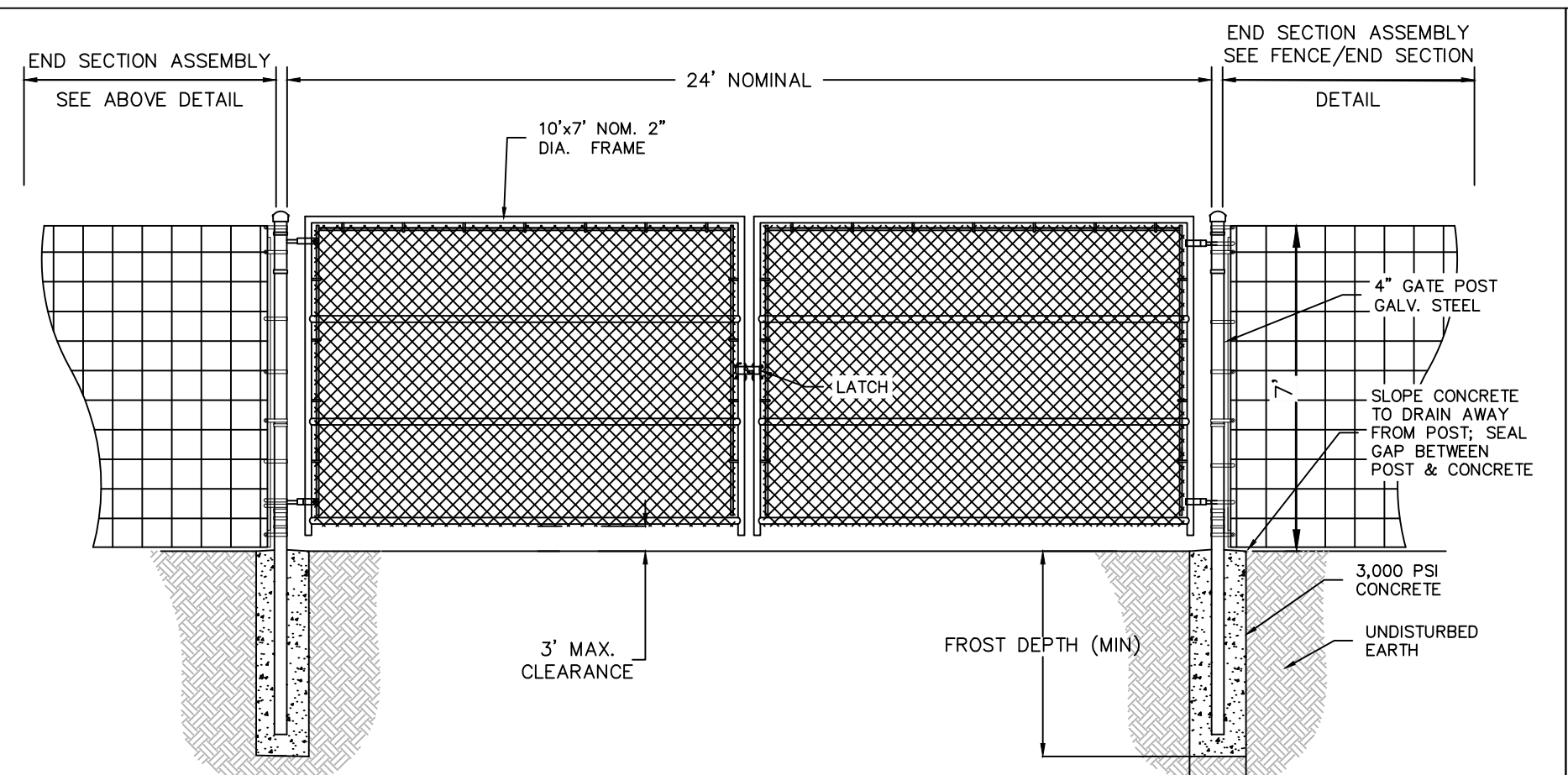
Date	Description	No.
Revisions		
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Project		
LITCHFIELD SOLAR LLC		
MONTGOMERY COUNTY ILLINOIS Drawing Title		
CLEARING PLAN		
Project No.	Drawing No.	
541060301	C-103	
Date		
3/7/2025		
Drawn By		
CJD	Sheet 3 of 11	
Checked By		
BJL		

Project No. 001234501 Langan



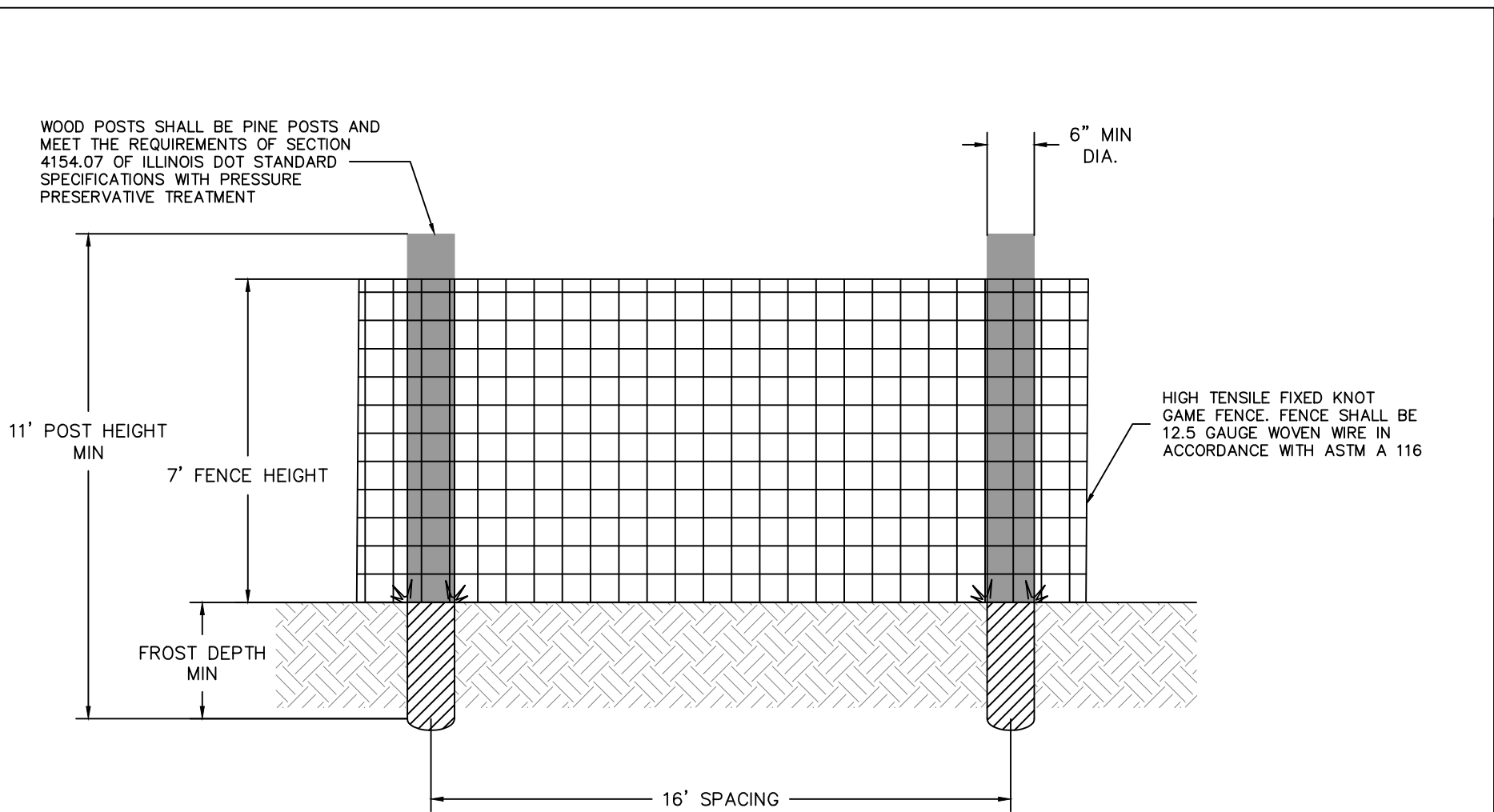
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Project LITCHFIELD SOLAR LLC		
MONTGOMERY COUNTY ILLINOIS Drawing Title SITE PLAN		
Project No.	Drawing No.	
541060301	C-104	
Date		
3/7/2025		
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BJL	Sheet 3 of 11	

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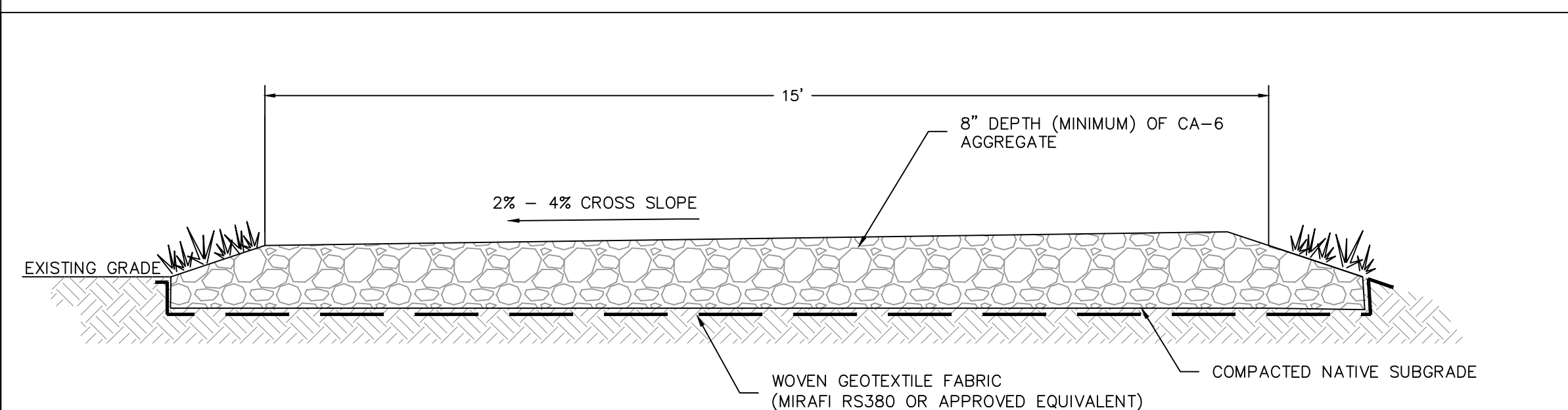
- NOTES:**
1. PROVIDE HOT-DIPPED GALVANIZED OR PVC COATED CHAIN LINK FABRIC (11 GA. 2" MESH). ALT. FENCE FABRIC INCLUDING FIXED AGRIC. KNOT CONSIDERED WITH ENGINEER APPROVAL.
 2. PLACE SIGNAGE ON GATES FOR HAZARD/EMERGENCY AS REQD.
 3. PROVIDE PROVISIONS FOR KNOX LOCK ON ALL GATES.
 4. DETAIL PROVIDED FOR REFERENCE FINAL DESIGN TO BE COORDINATED DURING SHOP DRAWING REVIEW
 5. DESIGN SHALL BE IN ACCORDANCE WITH ASTM F567.
 6. DETAIL PROVIDED FOR REFERENCE PURPOSES; FINAL DESIGN BY FENCING SUPPLIER AND APPROVED BY OWNER.

24' GATE DETAIL WITH AGRICULTURE FENCE



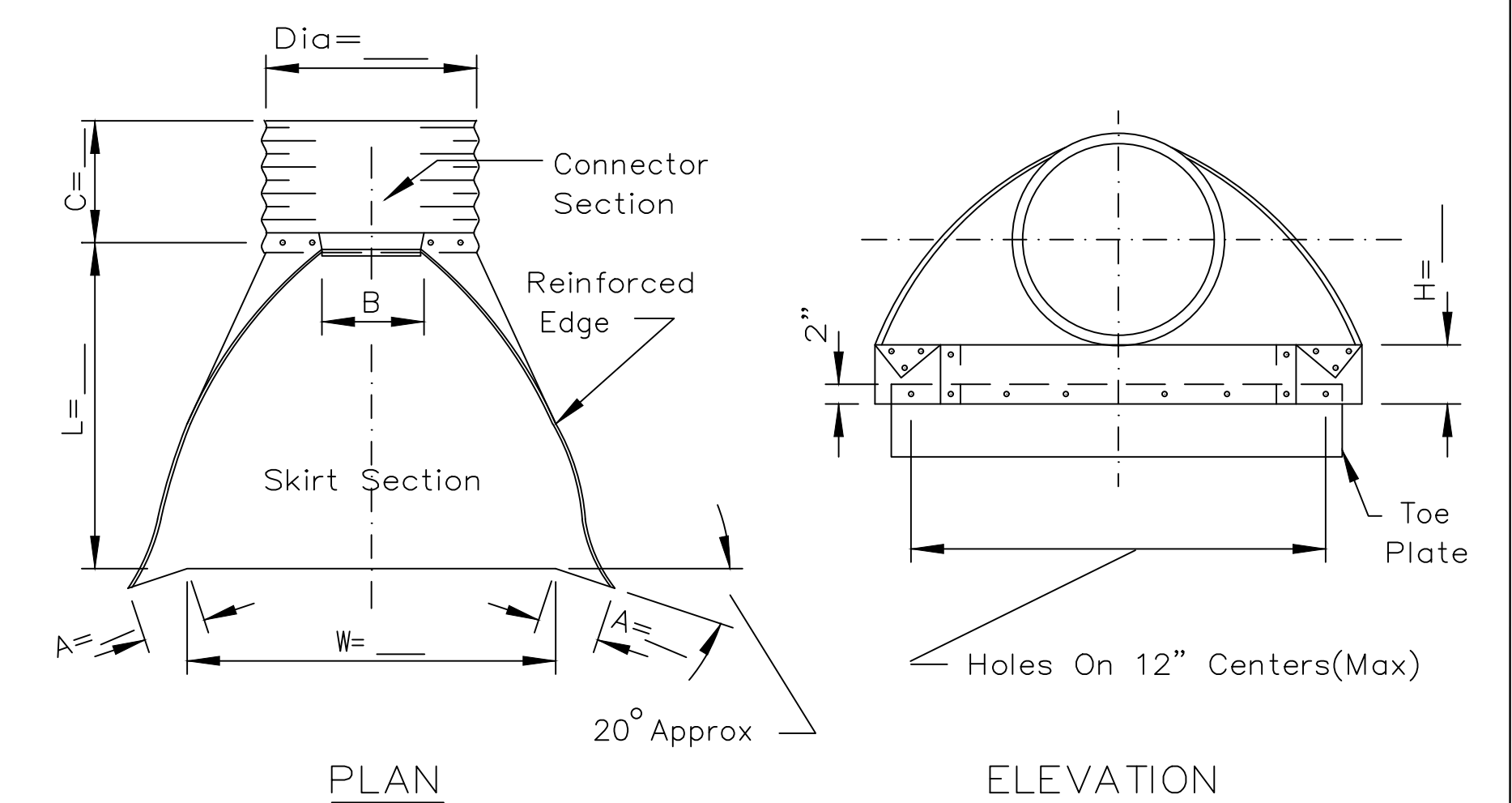
- NOTES:**
1. ALL MATERIALS AND DIMENSIONS SHOULD MEET THE CURRENT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS.
 2. TYPICAL DETAIL IS FOR REFERENCE, FINAL DESIGN TO BE COORDINATED DURING SHOP DRAWING PROCESS.
 3. STEEL POSTS CAN BE USED IN PLACE OF WOODEN POSTS.
 4. ORIENT FENCE SUCH THAT LARGER WOVEN OPENINGS ARE LOCATED AT THE BOTTOM OF THE FENCE.

AGRICULTURE FENCE



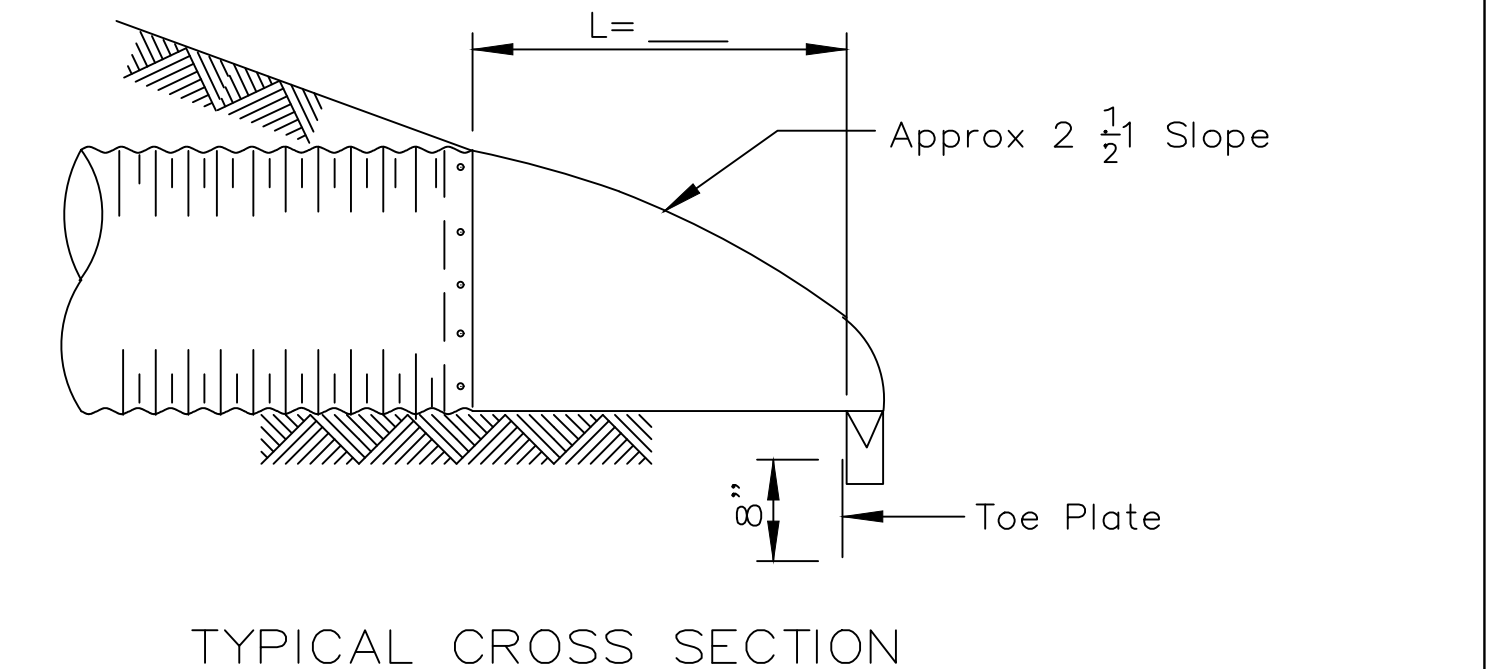
- NOTES:**
1. SUBGRADE FOR THE GRAVEL ACCESS DRIVEWAY TO BE PREPARED ACCORDING TO PROJECT SPECIFICATIONS. DEPTH OF TOPSOIL REMOVAL AT THE DRIVEWAY TO BE CONFIRMED BY THE GEOTECHNICAL ENGINEER.
 2. GRAVEL SURFACE SHALL HAVE A MINIMUM CROSS SLOPE OF 2% AND A MAXIMUM OF 4% AS INDICATED.
 3. COMPACT SUBGRADE IN ACCORDANCE WITH PROJECT SPECIFICATIONS OR AT A MINIMUM COMPACT EXISTING SUBGRADE TO 95% OF THE MAXIMUM DRY DENSITY AND ±2% OF OPTIMUM MOISTURE CONTENT USING A STANDARD SOIL PROCTOR (ASTM D698). PROOFROLL SUBGRADE PER PROJECT REQUIREMENTS.
 4. GRAVEL DRIVEWAY SECTIONS SHALL CONFORM WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER'S REPORT IF PREPARED. CONSULT OWNER IF CONTRADICTIONS BETWEEN THIS DETAIL AND GEOTECHNICAL RECOMMENDATIONS.

TYPICAL GRAVEL ACCESS DRIVEWAY SECTION



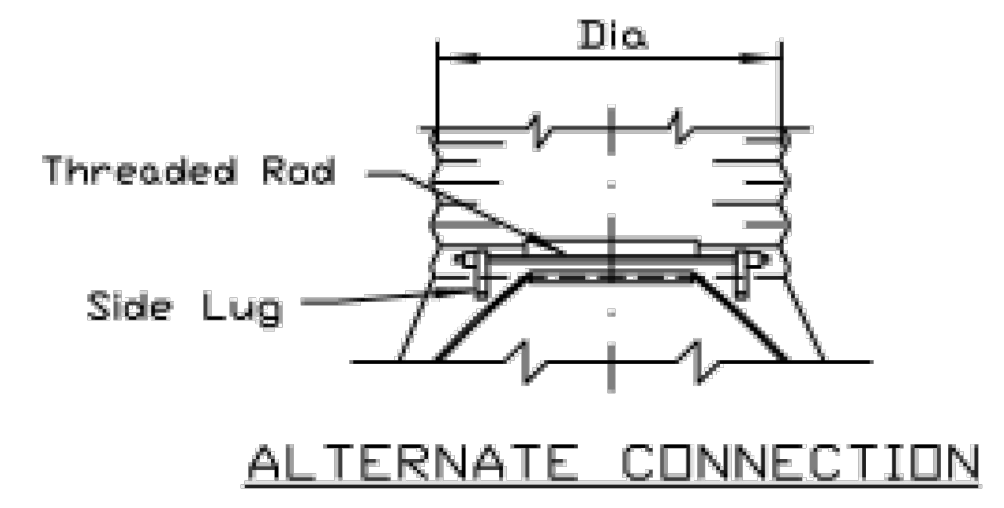
PLAN

ELEVATION



TYPICAL CROSS SECTION

CMP CULVERT FLARED END SECTION



ALTERNATE CONNECTION

PIPE DIA	SHEET THICKNESS	DIMENSIONS					
		A * 1"	B MAX	H * 1"	L * 1 1/2"	V * 2"	C
12"	.064"	6"	6"	6"	21"	24"	24"
15"	.064"	7"	8"	6"	26"	30"	24"
18"	.064"	8"	10"	6"	31"	36"	24"
24"	.064"	10"	13"	6"	41"	48"	24"
30"	.079"	12"	16"	8"	51"	60"	24"
36"	.079"	14"	19"	9"	60"	72"	36"
42"	.109"	16"	22"	11"	69"	84"	36"
48"	.109"	18"	27"	12"	78"	90"	24"
54"	.109"	18"	30"	12"	84"	102"	36"
60"	.109"-.138"	18"	33"	12"	87"	114"	36"

- * = Tolerance
- NOTES:**
1. Toe plate, where needed, to be punched to match holes in skirt lip. 3/8" galv, bolts to be furnished. Length of toe plate is W+10" for 12" to 30" dia. pipe and W+22" for 36" to 60" dia. pipe.
 2. Skirt section for 12" to 30" dia. pipe to be made in one piece.
 3. Skirt section for 36" to 54" pipe to be made from two sheets joined by riveting or bolting on center line, 60" may be constructed in 3 pieces.
 4. Connector section, corner plate and toe plate to be same sheet thickness as skirt.
 5. End sections and fittings are to be galvanized steel or aluminum alloy for use with like pipe.
 6. Where flared end sections are to be used with bituminous coated and paved metal pipe, they are to be galvanized only.

CMP CULVERT FLARED END SECTION

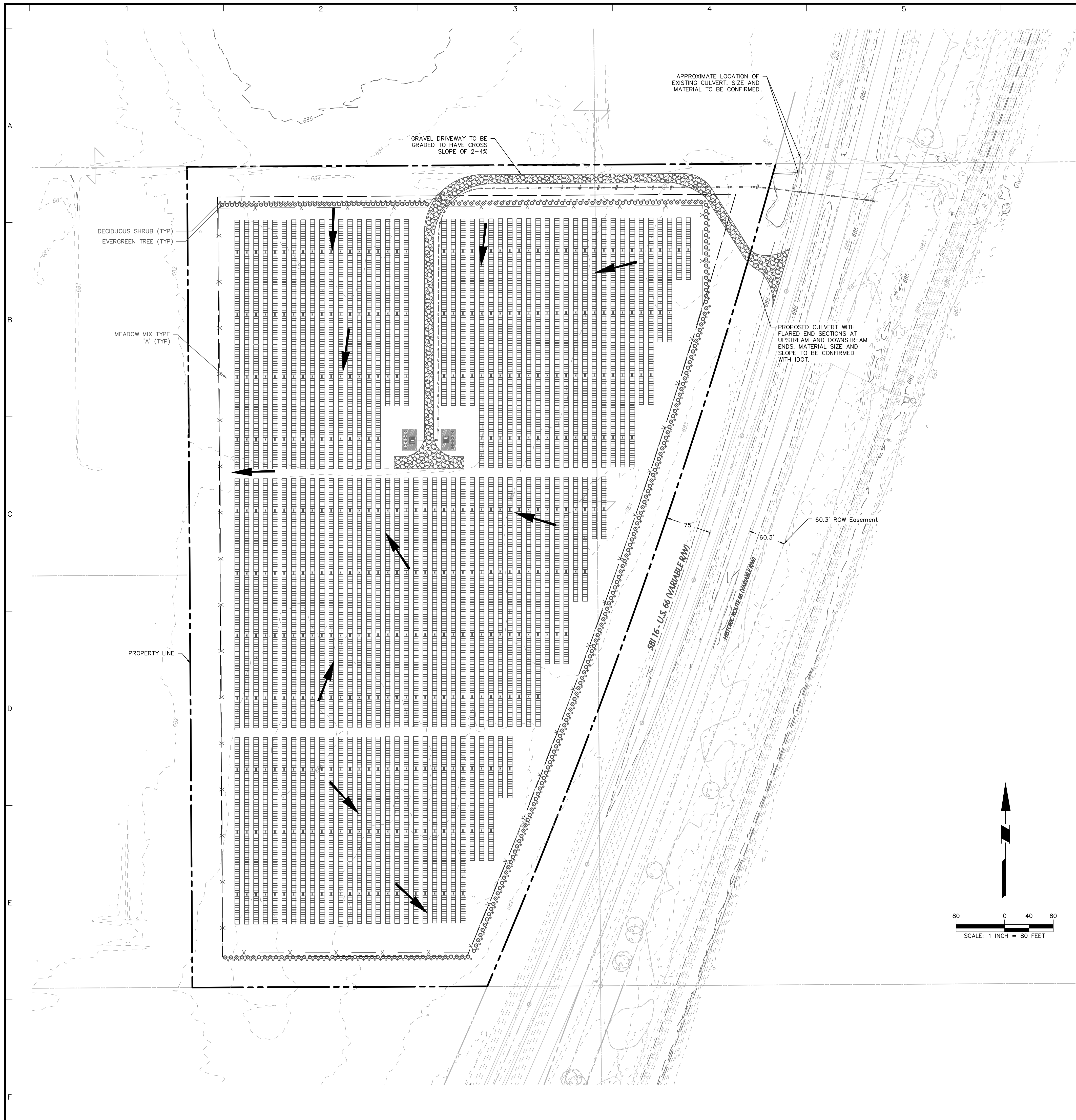
Date	Description	No.
Revisions		

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Project
LITCHFIELD SOLAR LLC
 MONTGOMERY COUNTY ILLINOIS
 Drawing Title

SITE PLAN DETAILS

Project No. 541060301	C-105
Date 3/7/2025	
Drawn By CJD	
Checked By BJL	
Sheet 5 of 11	



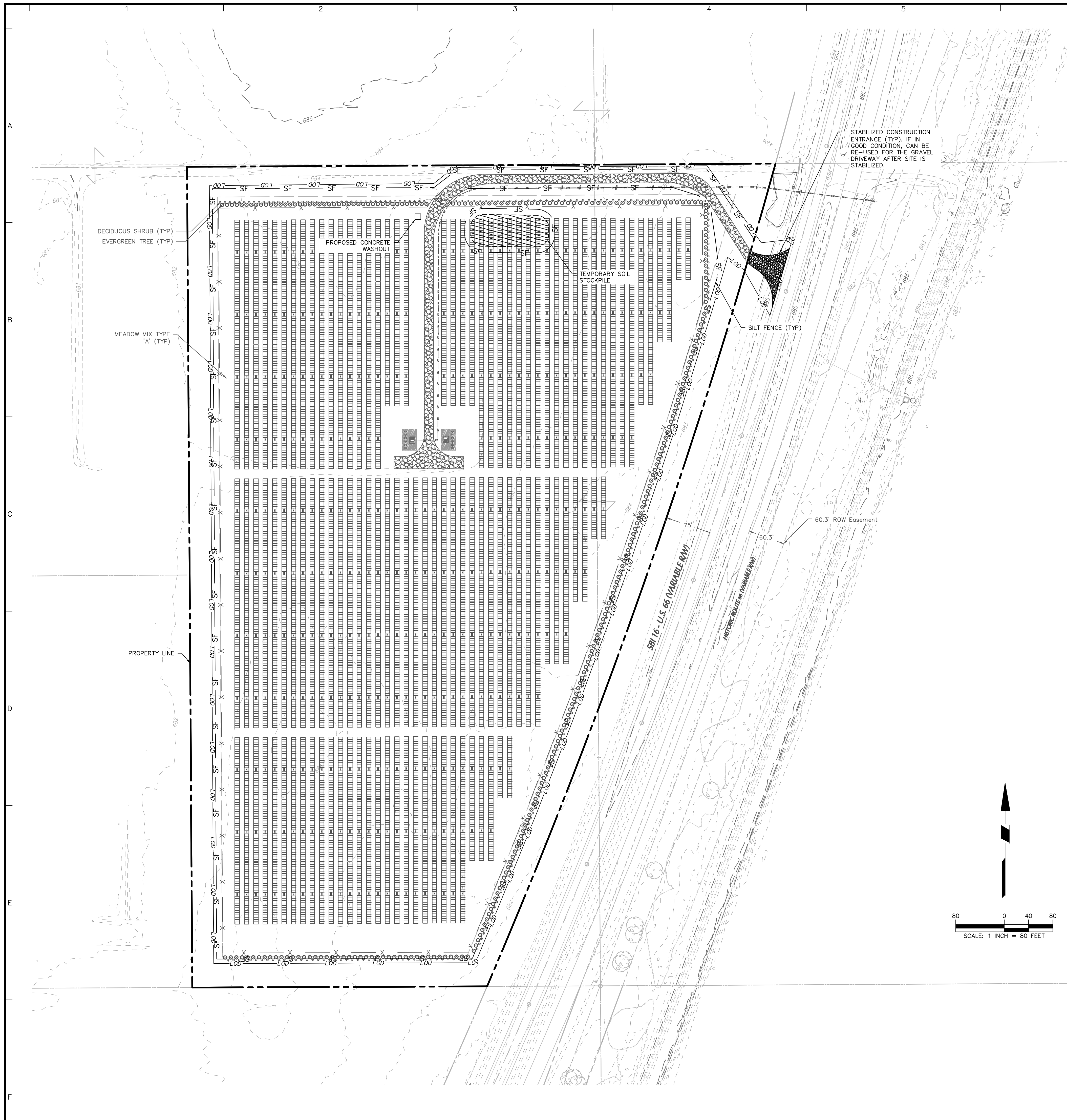
GRADING & DRAINAGE NOTES:

1. THE EXISTING TOPOGRAPHY SHOWN ON THESE PLANS IS FROM THE SURVEY OF RECORD FOR THIS PROJECT. SHOULD THE CONTRACTOR TAKE EXCEPTION TO THE EXISTING TOPOGRAPHY AS SHOWN IN THESE PLANS THEY SHALL NOTIFY THE ENGINEER PRIOR TO EARTH MOVING ACTIVITIES. OTHERWISE THE TOPOGRAPHY CONTAINED WITHIN THESE PLANS IS ACCEPTED BY THE CONTRACTOR AND DEEMED ACCURATE.
2. GRADING TO BE CONFIRMED ONCE FOUNDATION DESIGN FOR RACKING SYSTEM IS SPECIFIED AND CULVERT SIZE AND SPECIFICATIONS HAVE BEEN COORDINATED WITH IDOT.
3. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE THROUGHOUT THE SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY ONSITE AND OFFSITE ITEMS DAMAGED DURING CONSTRUCTION IN THE SAME OR BETTER CONDITION THAN THEY WERE PRIOR TO CONSTRUCTION.
5. UTILITY SCHEDULING AND INSTALLATION WITHIN THE RIGHT-OF-WAY SHALL BE COORDINATED WITH THE LOCAL JURISDICTIONS.
6. THE CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING UTILITIES THROUGH THE DURATION OF CONSTRUCTION. ALL UTILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION.
7. THE CONTRACTOR SHALL USE CAUTION WHILE WORKING AROUND ALL EXISTING ABOVEGROUND AND UNDERGROUND UTILITIES.

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Project		
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MONTGOMERY COUNTY ILLINOIS Drawing Title		
GRADING AND DRAINAGE PLAN		
Project No.	Drawing No.	
541060301	C-106	
Date		
3/7/2025		
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CJD	Checked By	
BJL	Sheet 6 of 11	

Project No. 001234501

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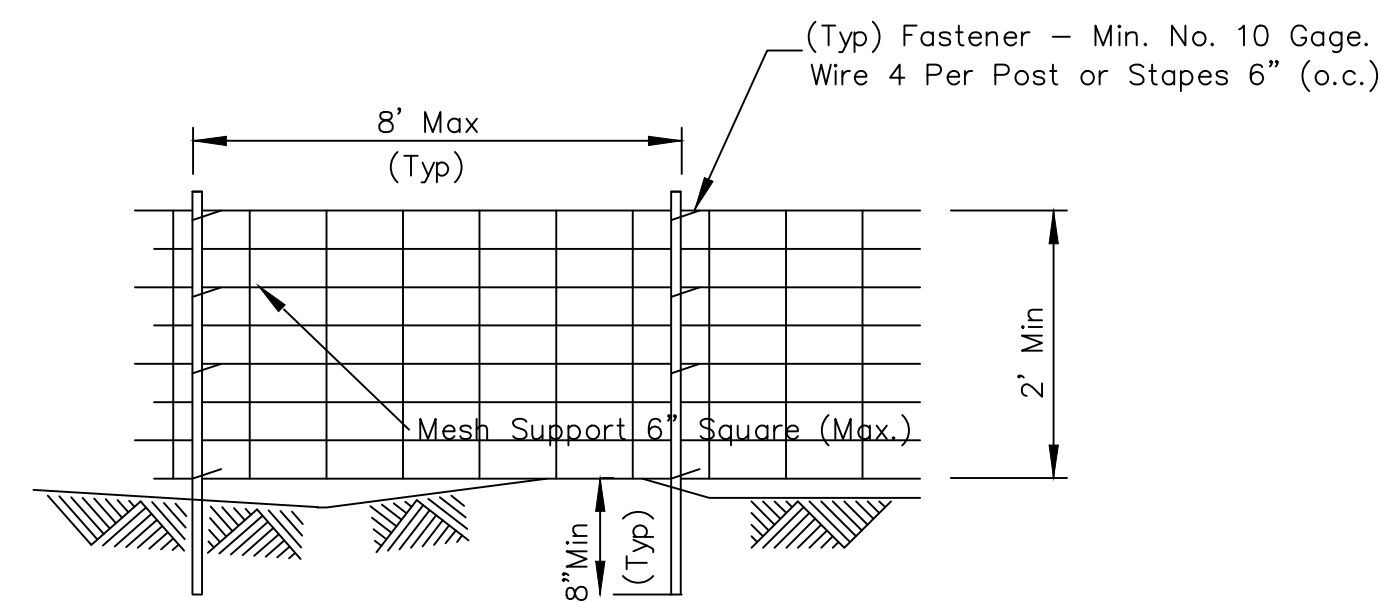


SOIL EROSION AND SEDIMENT CONTROL NOTES:

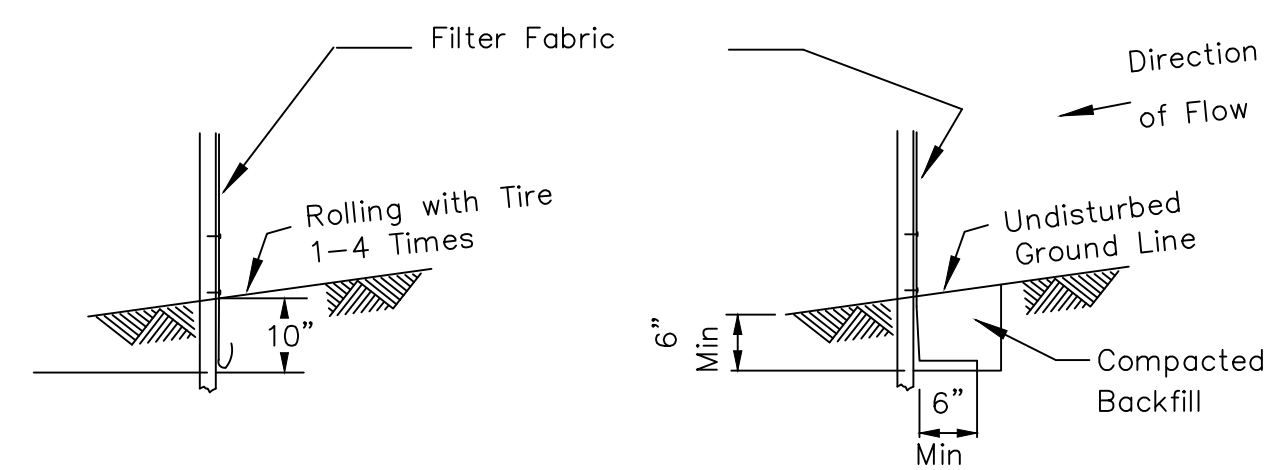
1. ACTUAL CONFIGURATION OF THE BEST MANAGEMENT PRACTICES (BMPs) SUCH AS SILT FENCE MAY VARY FROM WHAT IS SHOWN TO ALLOW FOR SITE ACCESS AND CONSTRUCTION PHASING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL PHYSICAL EROSION & SEDIMENT CONTROLS (ESC) ARE IN PLACE PRIOR TO COMMENCING EARTH DISTURBANCE ACTIVITIES.
2. CONTRACTOR SHALL PROVIDE A QUALIFIED PERSON FOR INSPECTING ALL ESC MEASURES ACCORDING TO THE REQUIREMENTS IDENTIFIED IN THE SWPPP REPORT.
3. PRIOR TO ACCUMULATED SEDIMENT REACHING A LEVEL OF ONE-HALF THE HEIGHT OF THE SILT FENCE, THE SEDIMENT DEPOSITS ARE TO BE REMOVED AS SPECIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FROM THE ILLINOIS URBAN MANUAL (IUM).
4. ALL TEMPORARY ESC MEASURE SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL THE PROJECT IS COMPLETE AND THE GROUND IS STABILIZED.
5. ALL TRENCHES OR OTHER EXCAVATIONS SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY. IF EXCAVATIONS ARE LEFT OPEN SOIL EROSION AND SAFETY PROTECTION MEASURES SHALL BE INSTALLED.
6. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
7. ALL WASTE GENERATED SHALL BE PROPERLY DISPOSED OFFSITE AT A FACILITY PERMITTED TO ACCEPT THE WASTE. ENTRANCES AND EXITS SURROUNDING ROADWAYS SHALL BE KEPT CLEAN OF SOIL BY THE CONTRACTOR.
8. REMOVE TEMPORARY ESC MEASURES WITHIN 30 DAYS OF FINAL STABILIZATION, ONCE 70% MINIMUM AREA OF GOOD VEGETATIVE COVER IS ACHIEVED. AFTER REMOVAL CONTRACTOR TO GRADE, SEED, AND STABILIZE LOCATION OF TEMPORARY ESC MEASURES.
9. SEED ALL LANDSCAPE AREAS WITHIN THE LEASE LINE. CONTRACTOR SHALL COORDINATE THE SEED MIX WITH LANGAN.
10. CORRECTIVE ACTIONS IDENTIFIED IN SWPPP INSPECTIONS WILL BE RESOLVED BY THE CONTRACTOR WITHIN 72 HOURS OF INSPECTION.
11. STABILIZED CONSTRUCTION ENTRANCES WILL BE MAINTAINED TO CONTROL VEHICLE TRACK OUT.
12. PORTABLE RESTROOM FACILITIES WILL BE SECURED IN PLACE.
13. CONCRETE WASHOUT WILL BE PLACED IN A DEDICATED RECEPTACLE. NO CONCRETE WASHOUT WILL BE PLACED ON THE GROUND.
14. APPROPRIATELY SIZED FILTER BAGS WILL BE UTILIZED WHEN DEWATERING EXCAVATIONS.
15. ALL TEMPORARY OR PERMANENT SEED MIXES UTILIZED ON THE SITE WILL BE CERTIFIED WEED FREE.

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Project LITCHFIELD SOLAR LLC		
MONTGOMERY COUNTY ILLINOIS Drawing Title SOIL EROSION & SEDIMENT CONTROL PLAN		
Project No.	Drawing No.	
541060301	C-107	
Date		
3/7/2025		
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HML	Sheet 7 of 11	
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ELEVATION



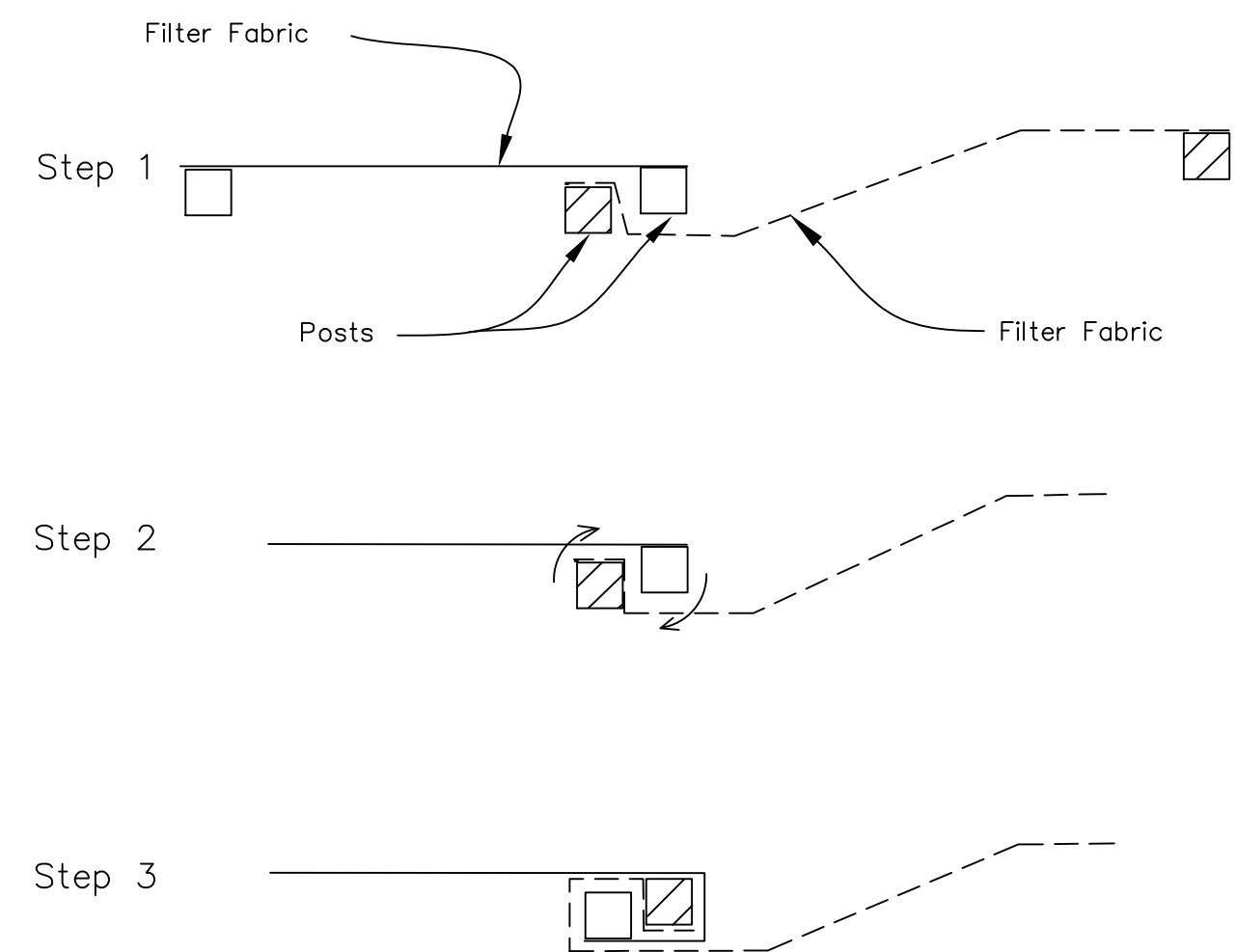
FABRIC ANCHOR DETAIL

STATIC SLICE INSTALLATION

TRENCH INSTALLATION

- NOTES:
- 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.
 - FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1, CLASS 2 WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 40 FOR WOVEN.
 - FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

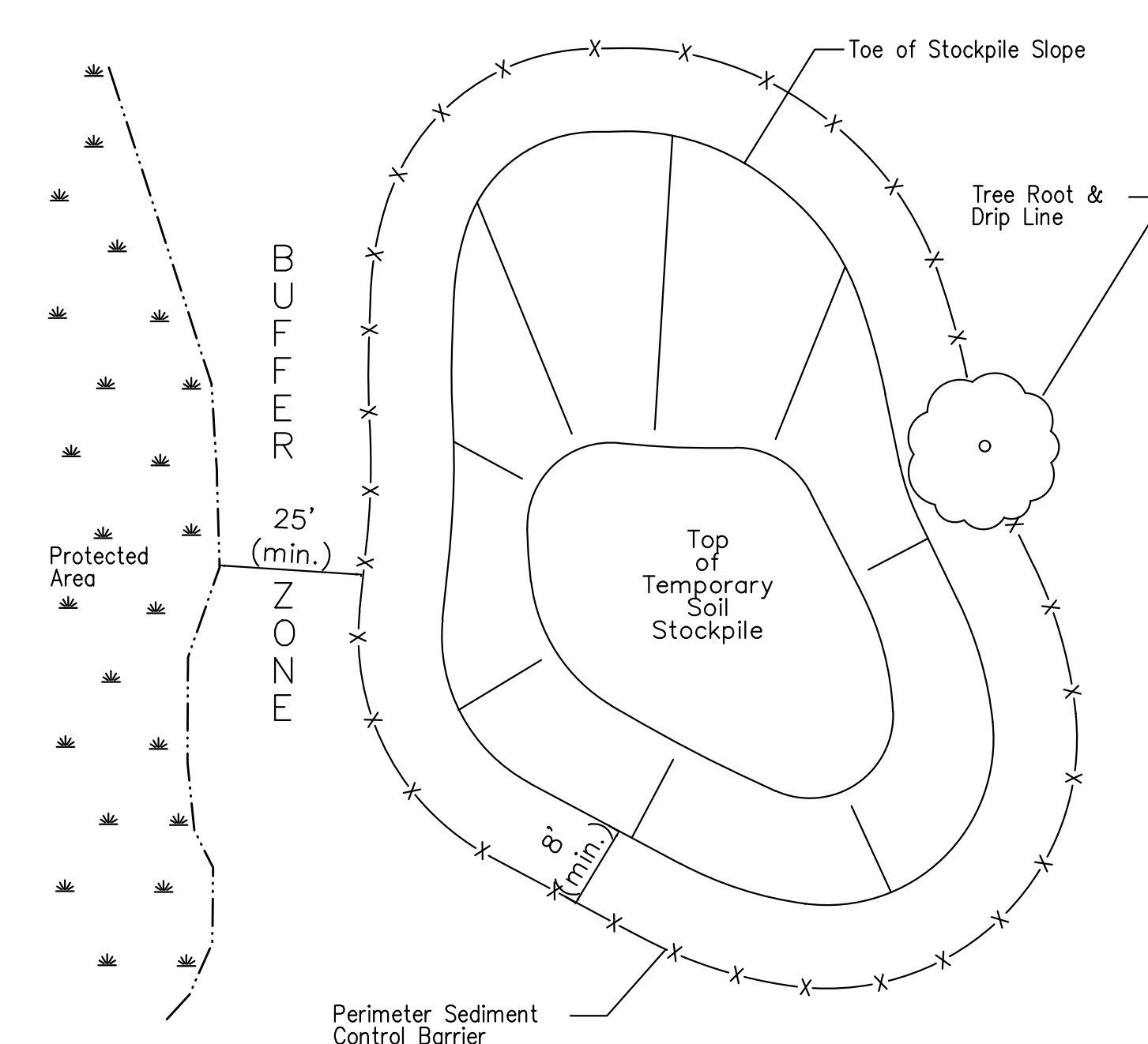
SILT FENCE WITH WIRE SUPPORT PLAN - IUM 620A(W)



ATTACHING TWO SILT FENCES

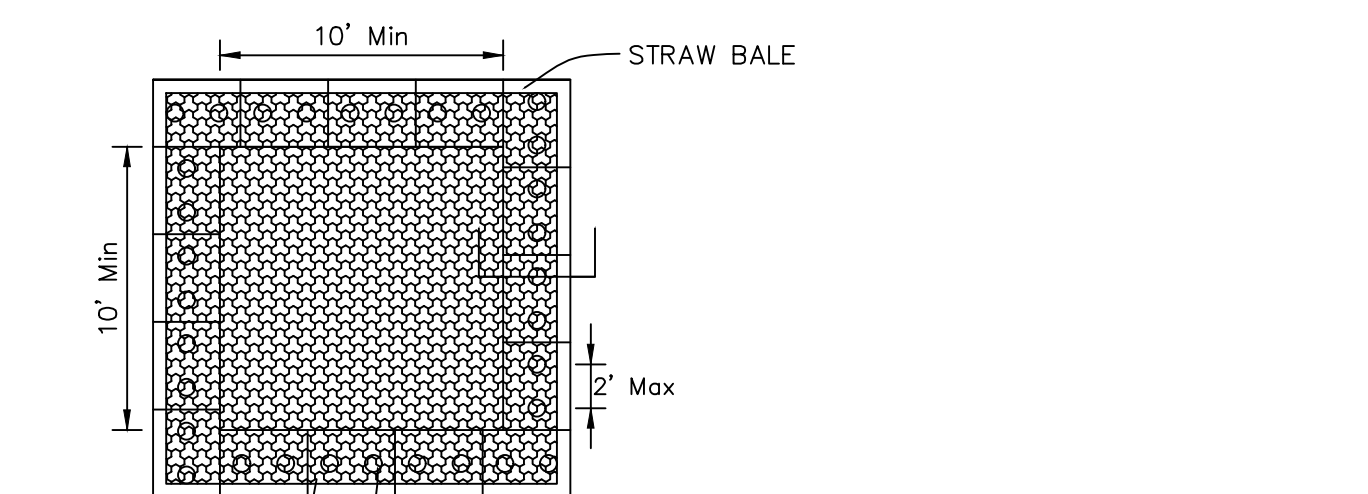
- PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.
- ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.
- CUT THE FABRIC NEAR THE BOTTOM OF THE STAKES TO ACCOMMODATE THE 6" FLAP.
- DRIVE BOTH POSTS A MINIMUM OF 18 INCHES INTO THE GROUND AND BURY THE FLAP.
- COMPACT BACKFILL (PARTICULARLY AT SPLICES) COMPLETELY TO PREVENT STORMWATER PIPING.

SILT FENCE, SPLICING TWO FENCES - IUM 620B(W)

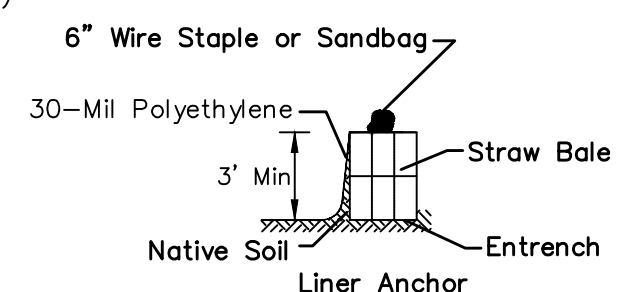


- NOTES:
- STOCKPILE SLOPES SHOULD BE BASED ON ANGLE SHALLOWER THAN ANGLE OF REPOSE OF THE SOIL MATERIAL TO AVOID POTENTIAL SLOUGHING OF THE SLOPE.
 - SOIL STOCKPILE TO BE STABILIZED IN ACCORDANCE WITH PRACTICAL STANDARDS.
 - DO NOT LOCATE STOCKPILE WITHIN OVERLAND DRAINAGE FLOW PATH, DESIGNATED FLOODWAYS, DRIP LINE OR OVER THE ROOT CROWN OF ADJACENT TREES.
 - PROVISIONS FOR SEDIMENT CONTROL PRACTICES MAY BE REQUIRED ALONG HAUL ROADS AND ENTRANCE/EXIT LOCATIONS FOR ACCESS TO THE SOIL STOCKPILE THAT CAN CREATE FLOW PATH FOR STORMWATER RUNOFF.
 - INSTALLATION OF BENCHES, TERRACES, OR SLOPE INTERRUPTERS SHOULD BE CONSIDERED.
 - AVOID BUILDING SOIL STOCKPILES ON IMPERVIOUS SURFACES.
 - LINEAR SEDIMENT TRAP SURROUNDING THE STOCKPILE BASE MAY BE USED TO CONTROL SEDIMENT.

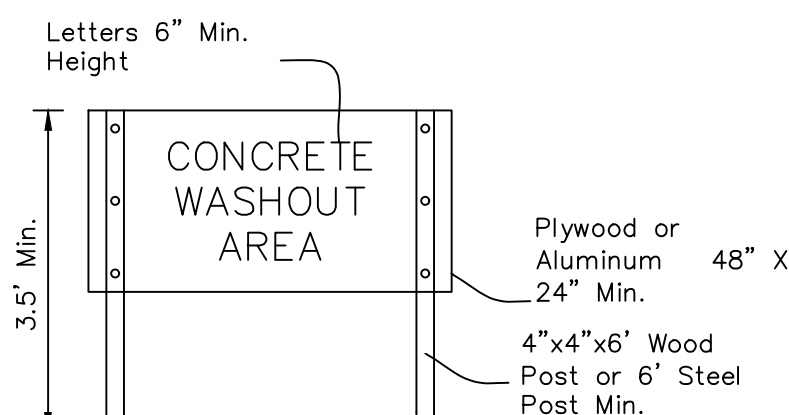
SOIL STOCKPILE - IUM 627



PLAN VIEW



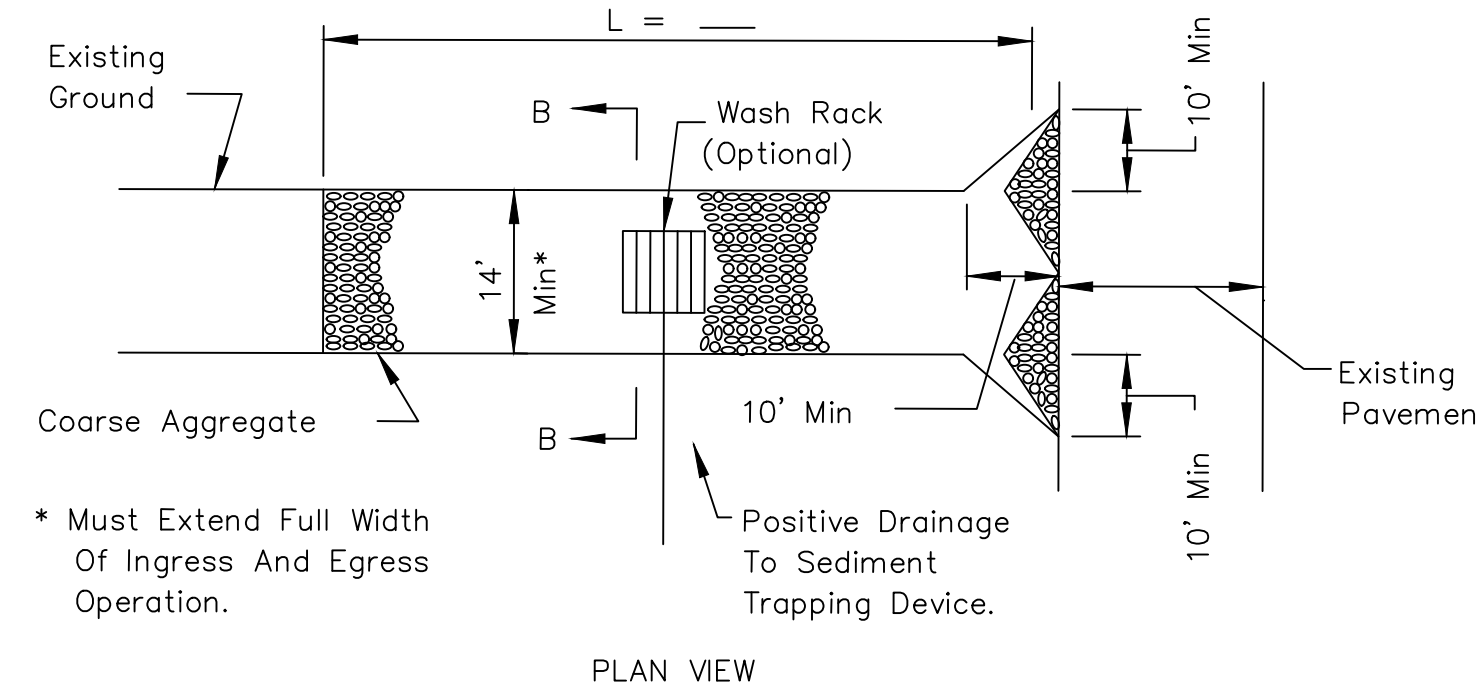
STRAW BALE ANCHOR SECTIONS



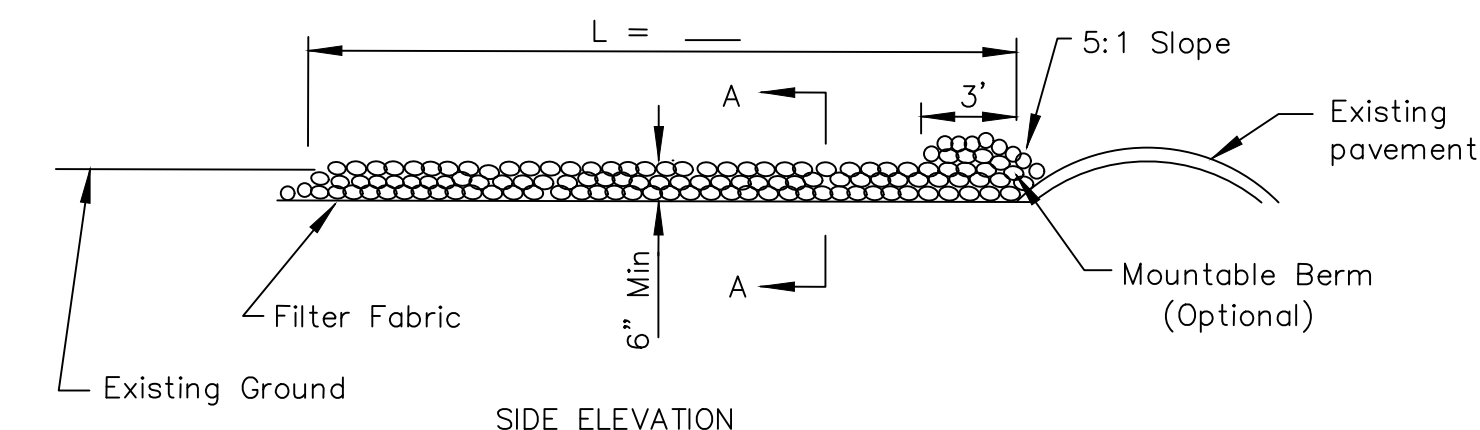
SIGN DETAIL

- NOTES:
- MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEND CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
 - FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.
 - EACH STRAW BALE IS TO BE STAKED IN PLACE USING (2) 2"X2"X4' WOODEN STAKES.

TEMPORARY CONCRETE WASHOUT STRAW BALE - IL 654SB



PLAN VIEW



SIDE ELEVATION

- NOTES:
- 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.
 - 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 III COMPACTION.
 - ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
 - IF WASH ROCKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO THE MANUFACTURERS SPECIFICATIONS.

STABILIZATION OF CONSTRUCTION ENTRANCE - IL 630A

Date	Description	No.
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Revisions

LANGAN

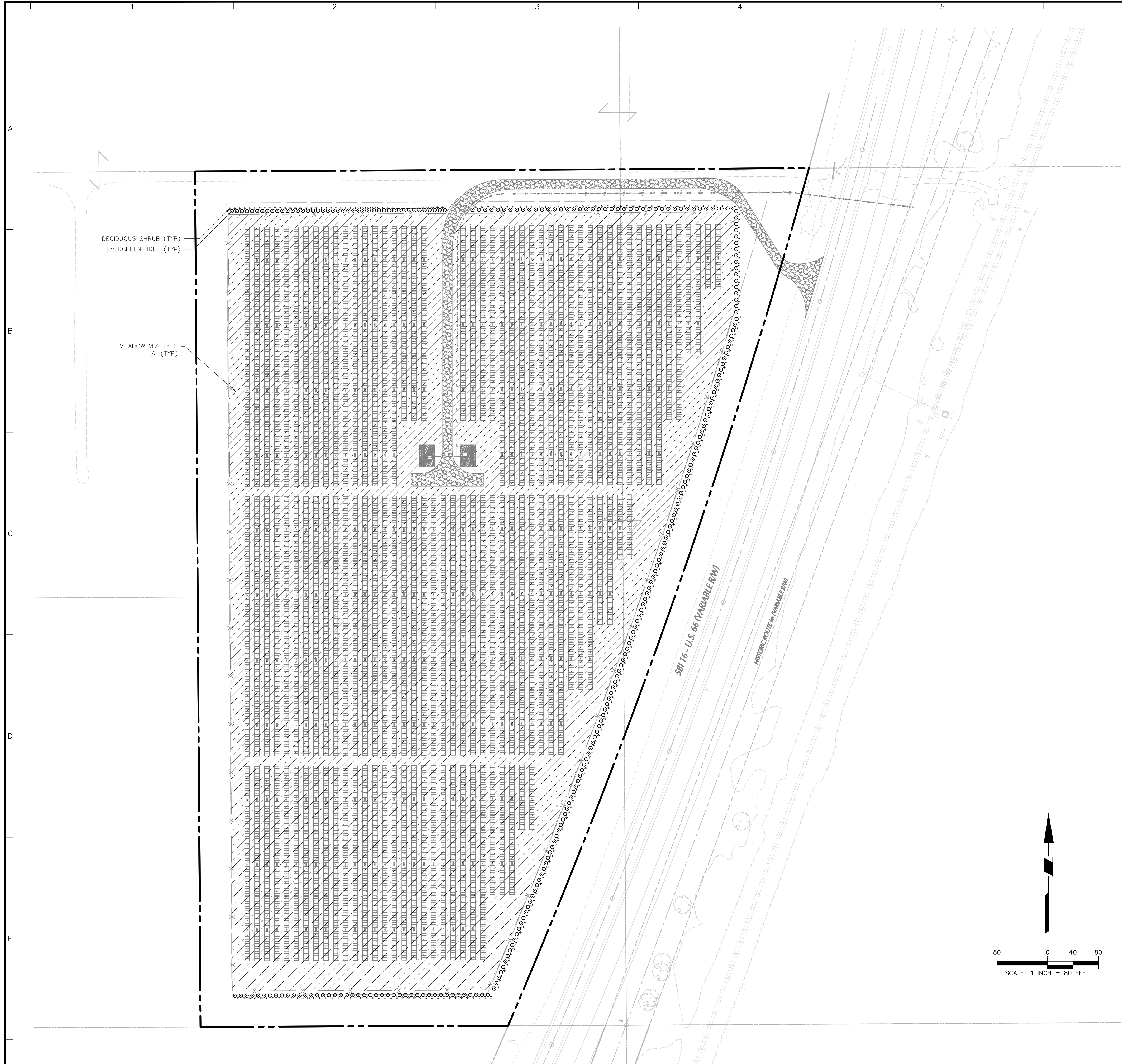
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LITCHFIELD SOLAR LLC

MONTGOMERY COUNTY ILLINOIS

SOIL EROSION AND SEDIMENTATION DETAILS

Project No. 541060301	Drawing No. C-108
Date 3/7/2025	
Drawn By CID	
Checked By BJL	Sheet 8 of 11



PLANTING NOTES:

1. EVERGREEN TREES SHALL BE 5' HT. AT PLANTING.
2. DECIDUOUS SHRUBS SHALL BE 2-3' HT. AT PLANTING.
3. REFER TO SHEET C-110 FOR PLANTING NOTES AND DETAILS.

Date	Description	No.
Revisions		

LANGAN

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Project
LITCHFIELD SOLAR LLC

MONTGOMERY COUNTY ILLINOIS

Drawing Title
PLANTING PLAN

Project No. 541060301	Drawing No. C-109
Date 3/7/2025	Sheet 9 of 11
Drawn By SD	
Checked By MS	

GENERAL LANDSCAPE PLANTING NOTES

- NAMES OF PLANTS AS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF PLANT VARIETIES NOT INCLUDED THEREIN CONFORM TO NAMES GENERALLY ACCEPTED IN NURSERY TRADE.
- ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE CONTRACT LIMIT LINE, AND THAT ARE NOT COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH THAT WILL PREVENT SOIL EROSION AND THE EMANATION OF DUST.
- NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR PROJECT ENGINEER.
- STANDARDS FOR TYPE, SPREAD, HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION.
- NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SPECIFIED AS THE SAME SIZE SHOULD BE SIMILAR IN SHAPE, COLOR AND HABIT. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT PLANT MATERIAL THAT DOES NOT CONFORM TO THE TYPICAL OR SPECIFIED HABIT OF THAT SPECIES.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY AND SEWER LINES PRIOR TO THE START OF EXCAVATION ACTIVITIES. NOTIFY THE PROJECT ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS WITH PROPOSED PLANTING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.
- THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS. IF THE SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, THE CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE LANDSCAPE ARCHITECT AND OWNER, TOGETHER WITH A WRITTEN PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL.
- LANDSCAPE CONTRACTOR TO STAKE OUT PLANTING LOCATIONS, FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR OWNER BEFORE PLANTING WORK BEGINS. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL DIRECT THE CONTRACTOR IN THE FINAL PLACEMENT OF PLANT MATERIAL AND LOCATION OF PLANTING BEDS TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS OTHERWISE INSTRUCTED.
- THE LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE, BEFORE PLANTING, FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE, AND QUALITY. THE LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER REVIEW PLANT MATERIALS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEM, INSECTS, INJURIES, AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK. THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIALS IMMEDIATELY FROM PROJECT SITE AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER.
- DELIVERY, STORAGE, AND HANDLING
 - PACKAGED MATERIALS: PACKAGED MATERIALS SHALL BE DELIVERED IN CONTAINERS SHOWING WEIGHT, ANALYSIS, AND NAME OF MANUFACTURER. MATERIALS SHALL BE PROTECTED FROM DETERIORATION DURING DELIVERY, AND WHILE STORED AT SITE.
 - TREES AND SHRUBS: THE CONTRACTOR SHALL PROVIDE TREES AND SHRUBS DUG FOR THE GROWING SEASON FOR WHICH THEY WILL BE PLANTED. DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. PROVIDE PROTECTIVE COVERING DURING TRANSIT. DO NOT DROP-BALLED AND BURLAPPED STOCK DURING DELIVERY OR HANDLING.
 - ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF ITS ROOT BOUND. ALL ROOTBALL WRAPPING AND BINDING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED FROM THE TOP OF THE BALL AT THE TIME OF PLANTING. IF THE PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, THE WIRE BASKET SHALL BE CUT AND FOLDED DOWN 8 INCHES INTO THE PLANTING HOLE. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE ROOT BALL SHALL BE CUT THROUGH THE SURFACE IN TWO LOCATIONS.
 - THE CONTRACTOR SHALL HAVE TREES AND SHRUBS DELIVERED TO SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, THE CONTRACTOR SHALL SET TREES AND SHRUBS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
- ALL LANDSCAPED AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FINE GRADED AREAS SHOULD BE HAND RAKED SMOOTH ELIMINATING ANY CLUMPS AND AND UNEVEN SURFACES PRIOR TO PLANTING OR MULCHING.
- ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS, NOTES AND CONTRACT SPECIFICATIONS. THE LANDSCAPE ARCHITECT MAY REVIEW INSTALLATION AND MAINTENANCE PROCEDURES.
- NEW PLANT MATERIAL SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF TWO YEARS FOLLOWING ACCEPTANCE BY THE OWNER. PLANT MATERIAL FOUND TO BE UNHEALTHY, DYING OR DEAD DURING THIS PERIOD, SHALL BE REMOVED AND REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL KEEP AREA CLEAN DURING DELIVERY AND INSTALLATION OF PLANT MATERIALS. REMOVE AND DISPOSE OF OFF-SITE ANY ACCUMULATED DEBRIS OR UNUSED MATERIALS. REPAIR DAMAGE TO ADJACENT AREAS CAUSED BY LANDSCAPE INSTALLATION OPERATIONS.
- ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH.
- THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER THE SPECIFICATIONS.
- AFTER PLANT IS PLACED IN TREE PIT LOCATION, ALL TWINE HOLDING ROOT BALL TOGETHER SHOULD BE COMPLETELY REMOVED AND THE BURLAP SHOULD BE PULLED DOWN SO 1/3 OF THE ROOT BALL IS EXPOSED. SYNTHETIC BURLAP SHOULD BE COMPLETELY REMOVED AFTER INSTALLATION.
- MULCH SHOULD NOT BE PILED UP AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH OR TOPSOIL SHOULD BE TOUCHING THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR.
- ALL FENCE INSTALLATION SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF ANY LANDSCAPE PLANTING, LAWN AND GRASSES, OR IRRIGATION WORK.
- FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND PLANTING PLAN THE GRAPHIC QUANTITY SHOWN SHALL GOVERN.
- PLANT MATERIALS SHALL NOT BE PLANTED UNTIL THE FINISHED GRADING HAS BEEN COMPLETED.
- ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 1 - JUNE 15 OR SEPTEMBER 1 - OCTOBER 15, UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. SEE LAWN SEEDING DATES IN SEEDING NOTES.

LANDSCAPE MAINTENANCE NOTES

- MAINTENANCE OPERATIONS BEFORE APPROVAL:**
 - PLANT CARE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS SATISFACTORILY INSTALLED AND SHALL CONTINUE THROUGHOUT THE LIFE OF THE CONTRACT UNTIL FINAL ACCEPTANCE OF THE PROJECT.
 - CARE SHALL INCLUDE, BUT NOT BE LIMITED TO, REPLACING MULCH THAT HAS BEEN DISPLACED BY EROSION OR OTHER MEANS, REPAIRING AND RESHAPING WATER RINGS OR SAUCERS, MAINTAINING STAKES AND GUYS AS ORIGINALLY INSTALLED, WATERING WHEN NEEDED OR DIRECTED, AND PERFORMING ANY OTHER WORK REQUIRED TO KEEP THE PLANTS IN A HEALTHY CONDITION.
 - CONTRACTOR SHALL REMOVE AND REPLACE ALL DEAD, DEFECTIVE AND/OR REJECTED PLANTS AS REQUIRED BEFORE FINAL ACCEPTANCE.
- MAINTENANCE DURING CONSTRUCTION:**
 - MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING. PLANTS SHALL BE WATERED, MULCHED, WEEDED, PRUNED, SPRAYED, FERTILIZED, CULTIVATED, AND OTHERWISE MAINTAINED AND PROTECTED UNTIL PROVISIONAL ACCEPTANCE. SETTLING PLANTS SHALL BE RESET TO PROPER GRADE AND POSITION. PLANTING SAUCER RESTORED AND DEAD MATERIAL REMOVED. STAKES AND WIRES SHALL BE TIGHTENED AND REPAIRED. DEFECTIVE WORK SHALL BE CORRECTED AS SOON AS POSSIBLE AFTER IT BECOMES APPARENT AND WEATHER AND SEASON PERMIT.
 - IF A SUBSTANTIAL NUMBER OF PLANTS ARE SICKLY OR DEAD AT THE TIME OF INSPECTION, ACCEPTANCE SHALL NOT BE GRANTED AND THE CONTRACTOR'S RESPONSIBILITY FOR MAINTENANCE OF ALL PLANTS SHALL BE EXTENDED FROM THE TIME REPLACEMENTS ARE MADE OR EXISTING PLANTS ARE DEEMED ACCEPTABLE BY THE LANDSCAPE ARCHITECT.
 - ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE SPECIFIED ON THE PLANT LIST OR THAT WHICH WAS TO REMAIN OR BE RELOCATED. THEY SHALL BE FURNISHED AND PLANTED AS SPECIFIED. THE COST SHALL BE BORNE BY THE CONTRACTOR. REPLACEMENTS RESULTING FROM REMOVAL, LOSS, OR DAMAGE DUE TO OCCUPANCY OF THE PROJECT IN ANY PART, VANDALISM, PHYSICAL DAMAGE BY ANIMALS, VEHICLES, ETC., AND LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITIES SHALL BE APPROVED AND PAID FOR BY THE OWNER.
 - PLANTS SHALL BE GUARANTEED FOR A PERIOD OF TWO YEARS AFTER INSPECTION AND PROVISIONAL ACCEPTANCE.
 - AT THE END OF THE ESTABLISHMENT PERIOD, INSPECTION SHALL BE MADE AGAIN. ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR UNSATISFACTORY TO THE LANDSCAPE ARCHITECT OR OWNER SHALL BE REMOVED FROM THE SITE AND REPLACED DURING THE NORMAL PLANTING SEASON.
- LAWN MAINTENANCE:**
 - BEGIN MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF LAWN IS PLANTED AND CONTINUE FOR 8 WEEKS AFTER ALL LAWN PLANTING IS COMPLETED.
 - WATER TO KEEP SURFACE SOIL MOIST, REPAIR WASHED OUT AREAS BY FILLING WITH TOPSOIL, LIMING, FERTILIZING AND RE-SEEDING. MOW TO 2 1/2 - 3 INCHES AFTER GRASS REACHES 3 1/2 INCHES IN HEIGHT, AND MOW FREQUENTLY ENOUGH TO KEEP GRASS FROM EXCEEDING 3 1/2 INCHES. WEED BY LOCAL SPOT APPLICATION OF SELECTIVE HERBICIDE ONLY AFTER GRASS IS WELL-ESTABLISHED.
 - IN ORDER TO REMOVE WEEDS FROM THE LAWN AREAS, APPLY PRE-EMERGENT HERBICIDE ONCE GRASS IS WELL ESTABLISHED. APPLY POST-EMERGENT HERBICIDE AS NEEDED, IF WEEDS ARE STILL PRESENT, PER SUPPLIER RECOMMENDATIONS, REFER TO CONTRACTOR FOR PREFERRED TREATMENT METHOD.

MEADOW SEEDING NOTES

- MEADOW MIX A**
ERNST SEED MIX "ILLINOIS SOLAR MIX" (CUSTOM)

2.0%	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
0.5%	ASTER ERICOIDES	WHITE HEATH ASTER
1.5%	ASTER LATERIFLORUS	CALICO ASTER
0.5%	ASTRALAGUS CANADENSIS	CANADIAN MILKWEED
0.1%	BLEPHILIA CLIVATA	DOWNY FACODA PLANT
17.5%	BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA
6.0%	CHAMAECRISTA FASCICULATA	PARTRIDGE PEA
6.0%	COREOPSIS LANCEOLATA	LANCE LEAF COREOPSIS
0.5%	DALEA CANDIDA	WHITE PRAIRIE CLOVER
0.5%	DALEA PURPUREA	PURPLE PRAIRIE CLOVER
2.0%	ECHINACEA PALLIDA	PALE PURPLE CONEFLOWER
25.0%	ELYMUS VIRGINICUS	VIRGINIA WILDRYE
0.2%	ERAGROSTIS SPECTABILIS	PURPLE LOVEGRASS
0.5%	LESPEDEZA VIRGINICA	SLENDER BUSHCLOVER
1.5%	PENSTEMON DIGITALIS	TALL WHITE BEARDTONGUE
0.4%	PENSTEMON HIRSUTUS	HAIRY BEARDTONGUE
0.8%	PYCNANTHEMUM TENUIFOLIUM	NARROW LEAVED MOUNTAIN MINT
0.1%	PYCNANTHEMUM VIRGINIANUM	VIRGINIA MOUNTAIN MINT
6.0%	RUDBECKIA HIRTA	BLACK EYED SUSAN
23.5%	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM
0.2%	SOLIDAGO JUNCEA	EARLY GOLDENROD
0.6%	SOLIDAGO MEMORIALIS	GRAY GOLDENROD
0.5%	SPOROBOLUS ASPER	ROUGH DROPSEED
0.8%	SPOROBOLUS CRYPTANDRUS	SAND DROPSEED
0.8%	VERBENA STRICTA	HOARY VERVAIN
2.0%	ZIZIA AUREA	GOLDEN ALEXANDERS

NOTES:

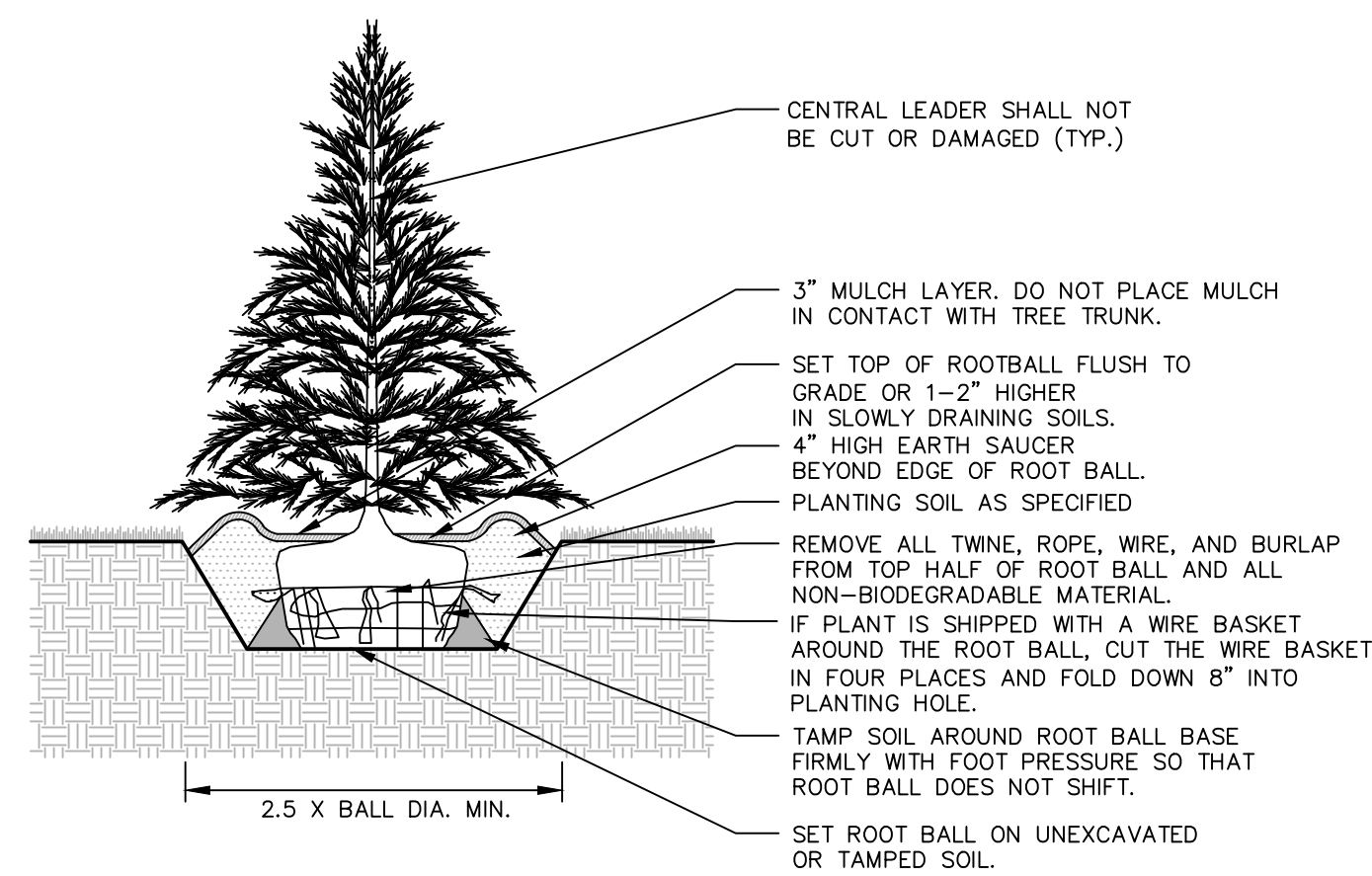
- SEED AT A RATE OF 10 LBS PLS/ACRE OF 100% PURE LIVE SEED.
- FOR SPRING SEEDING, APPLY A NURSE CROP OF OATS AT A RATE OF 30 LBS./ ACRE.
- APPLY A NURSE CROP OF OATS OR GRAIN RYE AT A RATE OF 30 LBS./ ACRE.
- IF ANY OTHER SPECIES IS NOT AVAILABLE, ITS PERCENTAGE MAY BE ASSIGNED TO LITTLE BLUESTEM.

GENERAL SEEDING NOTES:

- FINAL SEED MIXTURES, RATES & SPECIES TO BE DETERMINED BASED ON SCD REVIEW.
- ALL SEEDING RATES ARE BASED ON PURE LIVE SEED (PLS). CONTRACTOR SHALL ADJUST ANY SUPPLIER BULK SEEDING RATES (BSR) TO PROVIDE PLS EQUIVALENTS.
- SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL (SEPTEMBER 1 TO OCTOBER 1).
- ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A BROAD-SPECTRUM NON-SELECTIVE HERBICIDE PER MANUFACTURER'S SPECIFICATIONS.
- IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL WHERE APPLICABLE.
- MULCHING/TACKING IS REQUIRED ON ALL SEEDINGS. AN EROSION CONTROL BLANKET WITH A MINIMUM 12-MONTH DEGRADABLE LIFE SPAN MAY BE USED IN LIEU OF STANDARD MULCHING/TACKING. PERMANENT BLANKETS WILL NOT BE ACCEPTED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL USE ANIMAL CONTROL MEASURES AS NECESSARY FOR BASIN SEEDING, INCLUDING BUT NOT LIMITED TO GOOSE NETTING, TO PROTECT PLANTS DURING ESTABLISHMENT.
- CONTINUOUS MOISTURE MUST BE INSURED DURING ESTABLISHMENT TO ALLOW PROPER GERMINATION. SOIL WILL REMAIN CONTINUOUSLY MOIST FOR THE TOP 4 INCHES OF TOPSOIL. DO NOT SATURATE OR WATER TO THE POINT OF RUNOFF OR THE DISPLACEMENT OF SEED.
- DEPENDING ON SOIL TEMPERATURES, IT MAY TAKE SEVERAL WEEKS FOR GERMINATION TO OCCUR. DIFFERENT SPECIES WITHIN THE MIX GERMINATE AT DIFFERENT TIMES AND THEREFORE CONTRACTOR SHOULD CONTINUE THE LIGHT WATERING, AS DESCRIBED ABOVE, UNTIL THERE IS AT LEAST 2 INCHES OF GROWTH THROUGHOUT.
- AT THIS POINT, WATERING FREQUENCY MAY BE REDUCED TO EVERY 3 TO 5 DAYS. WATER SHALL BE APPLIED TO WET A 6 INCH MINIMUM SOIL DEPTH TO PROMOTE HEALTHY DEEP ROOTS.

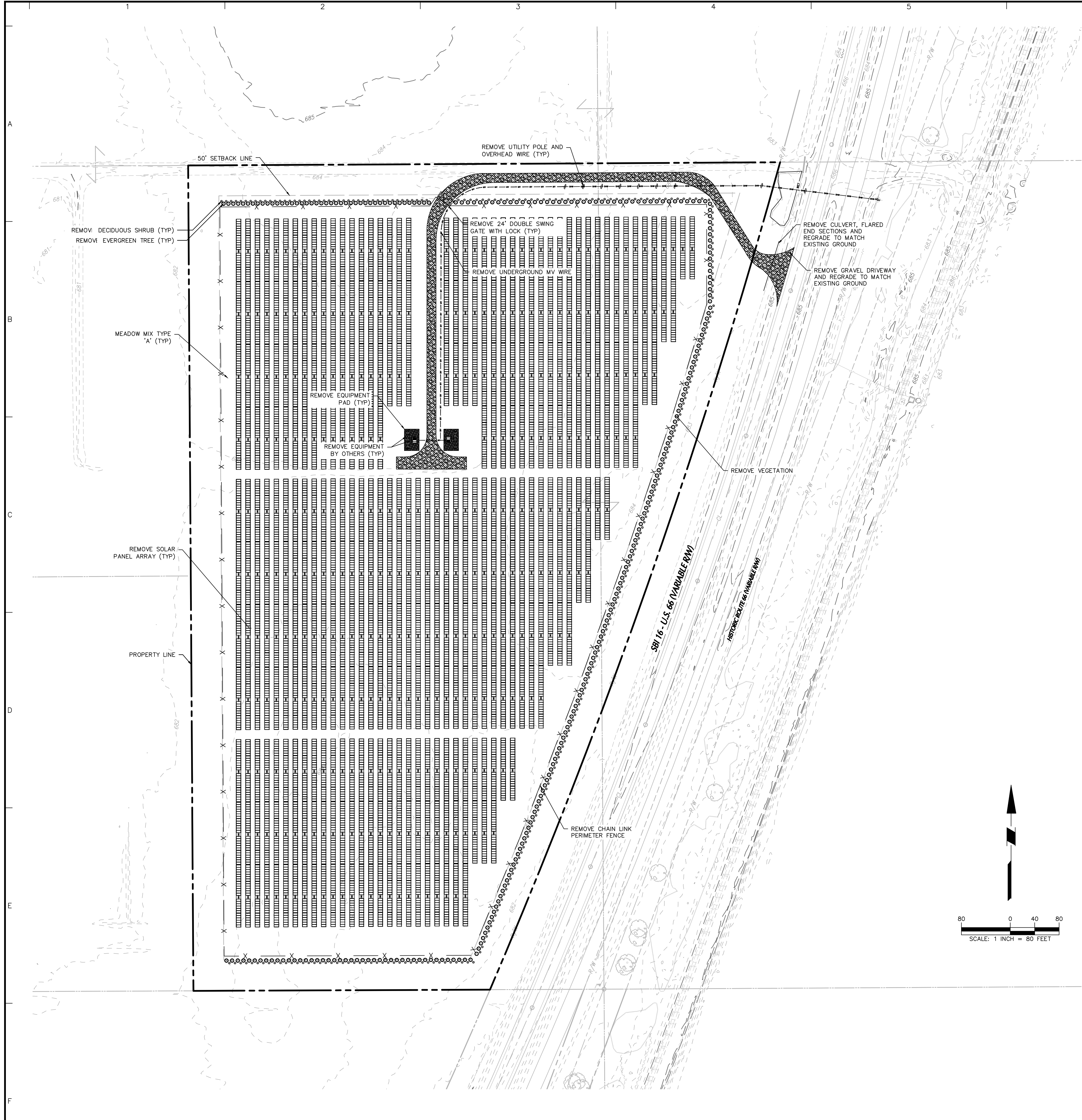
WEED CONTROL / MAINTENANCE

- MOWING MEADOW AREAS SHALL BE DONE VIA STRING TRIMMER, WHERE LARGER MACHINES CANNOT REASONABLY BE USED AND WHERE DAMAGE OR RUTTING COULD OCCUR.
- DURING THE ESTABLISHMENT YEAR, CONTRACTOR SHALL MOW SEEDING IF WEED HEIGHT EXCEEDS MEADOW MIX HEIGHT. MOW AT A HEIGHT OF 8"-10". DO NOT MOW CLOSE, AS SOME OF THE MEADOW MIX MAY BE DAMAGED.
- AFTER THE FIRST GROWING SEASON, AND IF MEADOW MIX IS WELL ESTABLISHED, THE MEADOW MIX SHALL BE MOWED ONLY ONCE ANNUALLY. ANNUAL MAINTENANCE MOWING SHALL BE DONE IN LATE WINTER DURING THE MONTH OF MARCH.
- MOW IN BASINS, WETLAND AND WETLAND TRANSITION AREAS DURING DRIER SITE CONDITIONS WHEN SOIL DISTURBANCE WILL NOT OCCUR. MAINTENANCE FOR WETLAND AND WETLAND TRANSITION AREAS SHALL OCCUR DURING LATE SUMMER (JULY 15 - AUGUST 15) WHEN THE WATER TABLE IS USUALLY AT ITS LOWEST POINT OF THE YEAR. DO NOT MOW IN WETLAND OR WETLAND TRANSITION AREAS AFTER ESTABLISHMENT OF MEADOW MIX.
- DURING THE FIRST 2-4 YEARS OF ESTABLISHMENT, AND AFTER ESTABLISHMENT DEPENDING ON THE LOOK DESIRED, SELECTIVE WEEDING WITH A BROADLEAF WEED-CONTROL HERBICIDE, OVER-SEEDING BARE SPOTS AND WATERING TO PROMOTE A UNIFORM DROUGHT-TOLERANT STAND OF PLANTS MAY BE NECESSARY.
- FERTILIZERS ARE NOT GENERALLY NEEDED OR RECOMMENDED FOR NATIVE MEADOWS UNLESS SOIL TEST RESULTS SHOW A SIGNIFICANT LACK OF NUTRIENTS. USE ONLY SLOW-RELEASE FERTILIZERS WITH LITTLE TO NO NITROGEN IN APRIL OR SEPTEMBER.



EVERGREEN TREE PLANTING

Date	Description	No.
Revisions		
LANGAN Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C. 200 W Madison Street, Suite 1920 Chicago, IL 60606 T: 312.547.7700 F: 312.547.7701 www.langan.com		
Project		
LITCHFIELD SOLAR LLC		
MONTGOMERY COUNTY ILLINOIS		
Drawing Title		
PLANTING NOTES & DETAILS		
Project No.	Drawing No.	
541060301	C-110	
Date		
3/7/2025		
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MS	Sheet 9 of 11	



DECOMMISSIONING NOTES

1. OWNER TO COORDINATE REMOVAL, RECYCLING, AND DISPOSAL OF SOLAR AND ELECTRICAL EQUIPMENT.
2. OWNER TO COORDINATE DISCONNECTION OF ELECTRICAL SERVICES WITH UTILITY PROVIDER.
3. CONTRACTOR TO RESTORE SITE TO ORIGINAL CONDITION AND PROVIDE STABILIZATION FOLLOWING REMOVAL OF SOLAR RACKING SYSTEM AND ASSOCIATED APPURTENANCES.
4. REMOVE UNDERGROUND ELECTRIC LINE. BACKFILL TRENCH, GRADE TO MATCH EXISTING GROUND AND STABILIZE.

Date	Description	No.
Revisions		
 Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C. 200 W Madison Street, Suite 1920 Chicago, IL 60606 T: 312.547.7700 F: 312.547.7701 www.langan.com		
Project LITCHFIELD SOLAR LLC		
MONTGOMERY COUNTY ILLINOIS Drawing Title DECOMMISSION PLAN		
Project No.	Drawing No.	
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BJL		

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