

MAURY COUNTY, TENNESSEE, USA

PROPOSED SOLAR FARM

TAX ID: 154 016.12

ENGINEER:



Dale & Associates
 516 Heather Place
 Nashville, TN 37204
 615-579-7693

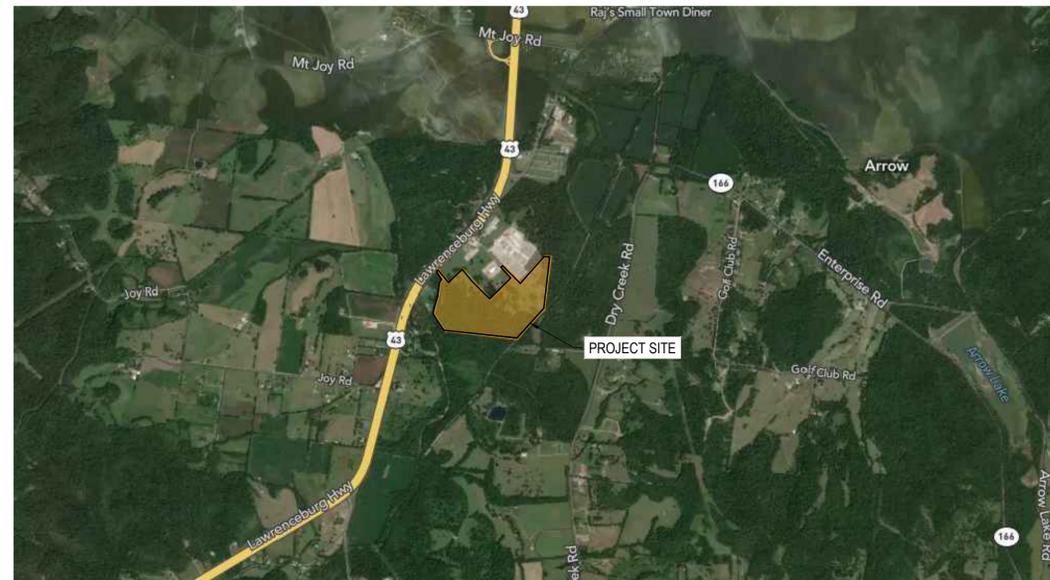
OWNER:

CB+D VENTURES LLC
 MAURY COUNTY, TENNESSEE, USA

TAX MAP PARCEL ID: 154 016.12
 LOT SIZE: 74.1 AC

ZONING: IL

VICINITY MAP NTS



DRAWING LIST

- C-1 - COVER SHEET
- C-2 - GENERAL NOTES
- C-3 - EXISTING CONDITIONS PLAN
- C-4 - SITE PLAN
- C-5 - GRADING PLAN
- C-6 - STORMWATER MANAGEMENT PLAN
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- C-9 - LANDSCAPE PLAN
- C-10 - EROSION CONTROL NOTES
- C-11 - EROSION CONTROL PLAN-INITIAL
- C-12 - EROSION CONTROL PLAN-INTERMEDIATE
- C-13 - EROSION CONTROL PLAN-FINAL
- C-14 - STANDARD DETAILS 1
- C-15 - STANDARD DETAILS 2
- C-16 - STANDARD DETAILS 3

FEMA FLOOD PLAIN MAP:

National Flood Hazard Layer FIRMette



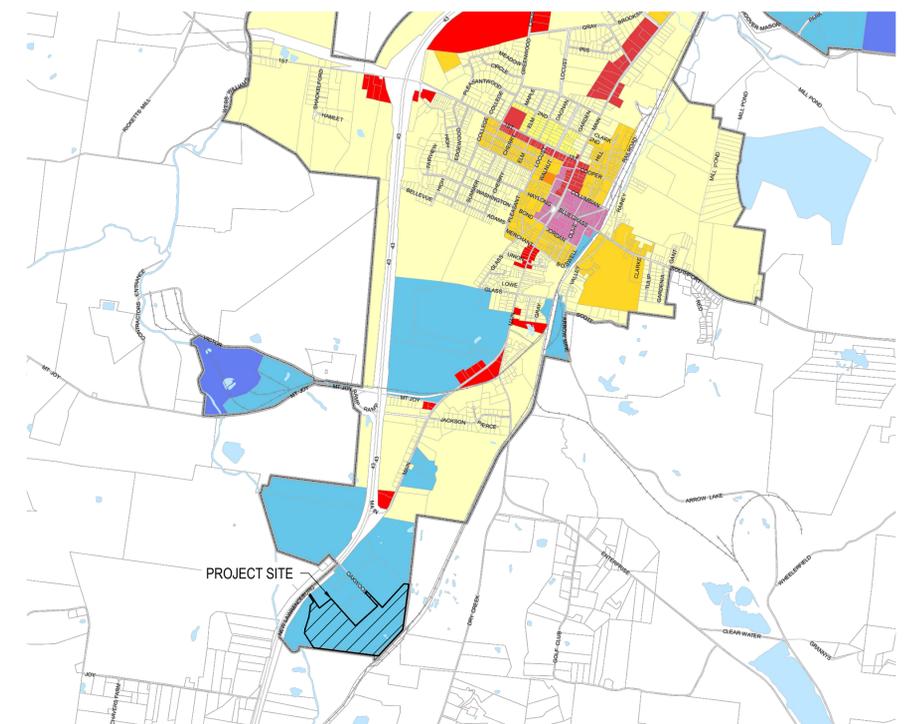
ZONING TABLE:

Proposed Use - Solar Farm	Allowed
Minimum Lot Size	40,000 s.f.
Minimum Lot Width	100'
Front Setback	50'
Side Setback	50'
Rear Setback	50'
Maximum Building Height	60'
Is Design Review Required	Yes

ZONING MAP:

Legend

- City Limits
- Waterbody
- Parcel
- Railroad
- Zoning Districts:
 - R1
 - R2
 - R3
 - MHP
 - CDT
 - CN
 - CH
 - IL
 - IH



PROPOSED SOLAR FARM

CB+D VENTURES LLC
 Parcel ID 154 016.12
 MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
COVER SHEET

JOB No:
 DATE:
 DRAWN: D.P.
 CHECKED:

C-1

REVISIONS

No.	REVISION	DATE
1		1/29/2026
2		
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EROSION & GRADING NOTES:

1. EXPOSE AS SMALL AN AREA OF SOIL AS POSSIBLE ON THE SITE FOR NO MORE THAN 15 DAYS . KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
2. ALL CUT/FILL AREAS TO HAVE A MINIMUM OF 6" OF TOPSOIL COVER. AREAS DRESSED WITH TOPSOIL SHALL RECEIVE 12 POUNDS PER 1000 SQUARE FEET OF 6-12-12 FERTILIZER (UNLESS OTHERWISE SPECIFIED IN WRITTEN SPECIFICATIONS), 5 POUNDS OR MORE OF KENTUCKY 31 FESCUE SEED PER 1000 SQUARE FEET, AND A STRAW MULCH OF 70%-80% COVERAGE (APPROXIMATELY 125 POUNDS PER 1000 SQUARE FEET),UNLESS OTHERWISE NOTED.
3. EROSION CONTROL BARRIER IS CALLED OUT ON PLANS
4. DISTURBED AREAS ARE TO BE GRADED TO DRAIN AS INDICATED IN THE PLAN TO SEDIMENT BARRIERS DURING AND UPON THE COMPLETION OF CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION AND THE LOCATION OF ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGE TO ALL EXISTING UTILITIES DURING CONSTRUCTION. IF DAMAGE DOES OCCUR TO ANY SUCH INSTALLATION, FULL REPAIR WILL BE ACCOMPLISHED AS PER THE CURRENT SPECIFICATION GOVERNING SUCH WORK.
6. ANY ACCESS ROUTES TO THE SITE SHALL BE BASED WITH CRUSHED STONE, ASTM #1 STONE, 100 FEET LONG AND AT LEAST 6" THICK.
7. THE PLACING AND SPREADING OF ANY FILL MATERIAL IS TO BE STARTED AT THE LOWEST POINT AND BROUGHT UP IN HORIZONTAL LAYERS OF 8" THICKNESS (OR AS DIRECTED BY THE SOILS INVESTIGATIVE REPORT). SAID FILL MATERIAL IS TO BE FREE OF SOD, ROOTS, FROZEN SOILS, OR ANY OTHER DECOMPOSABLE MATERIAL. SAID FILL IS TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR, OR AS OTHERWISE SPECIFIED BY THE SOILS REPORT OR WRITTEN SPECIFICATIONS.
8. THE CONTRACTOR SHALL NOTIFY THE CITY OF MT PLEASANT, TN, THREE DAYS PRIOR TO THE BEGINNING OF WORK.
9. THE CONTRACTOR SHALL LOCATE AND STAKE THE LAYOUT OF THE SITE IN THE FIELD FOR INSPECTION BY THE ENGINEER. THE CONTRACTOR SHALL CHECK THE GRADES AND FINAL DIMENSIONS ON THE GROUND, AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY FOR A DECISION.
10. SURPLUS EXCAVATION OF TOPSOIL SHALL BE PLACED ON THE SITE AS APPROVED BY THE OWNER FOR THE PURPOSE OF FUTURE LANDSCAPE USE.
11. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY WORKS FOR THE PROTECTION OF THE PUBLIC AND EMPLOYEES, INCLUDING WARNING SIGNS, AND LIGHTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION CAUSED BY HIMSELF, HIS SUB-CONTRACTORS, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.
13. ALL WORK IS TO BE COMPLETED WITH COMPLIANCE TO THE RULES AND REGULATIONS SET FORTH BY THE CITY OF MT PLEASANT, TN. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICE, OBTAIN ALL PERMITS, AND PAY FEES REQUIRED FOR THE COMPLETION FOR HIS PORTION OF THE WORK. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY, AND STATE LAWS AND ORDINANCES OR REGULATIONS RELATING TO PORTIONS OF WORK WHICH HE IS TO PERFORM.



REVISIONS

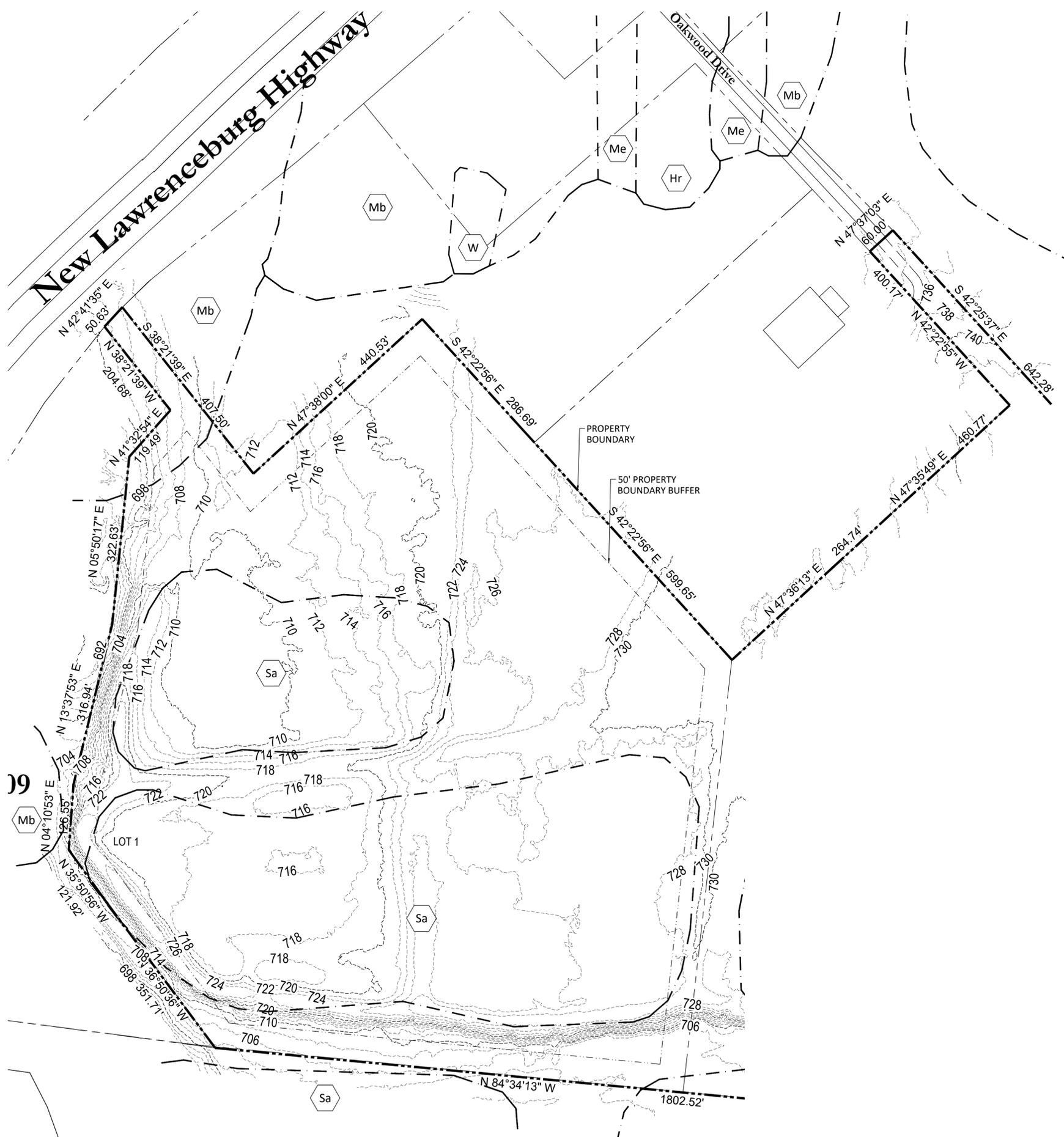
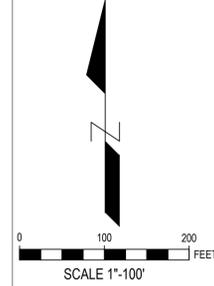
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1	REVISION 1	1/29/2026
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PROPOSED SOLAR FARM

CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
GENERAL NOTES

JOB No:
DATE:
DRAWN: D.P.
CHECKED:



NOTES:
 1. LOT 2 TO BE DEVELOPED IN THE FUTURE WITH A USE ALLOWED PER THE ZONING CODE



REVISIONS	
No.	DATE
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PROPOSED SOLAR FARM
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LEGEND

	PROPERTY BOUNDARY
	50' PROPERTY BOUNDARY BUFFER
	100' BUFFER TRANSPORTATION RAILROAD
	730 - EXISTING MAJOR CONTOUR 2' FEET
	732 - EXISTING MINOR CONTOUR 2' FEET
	SOIL TYPE LINE
	SOIL TYPE

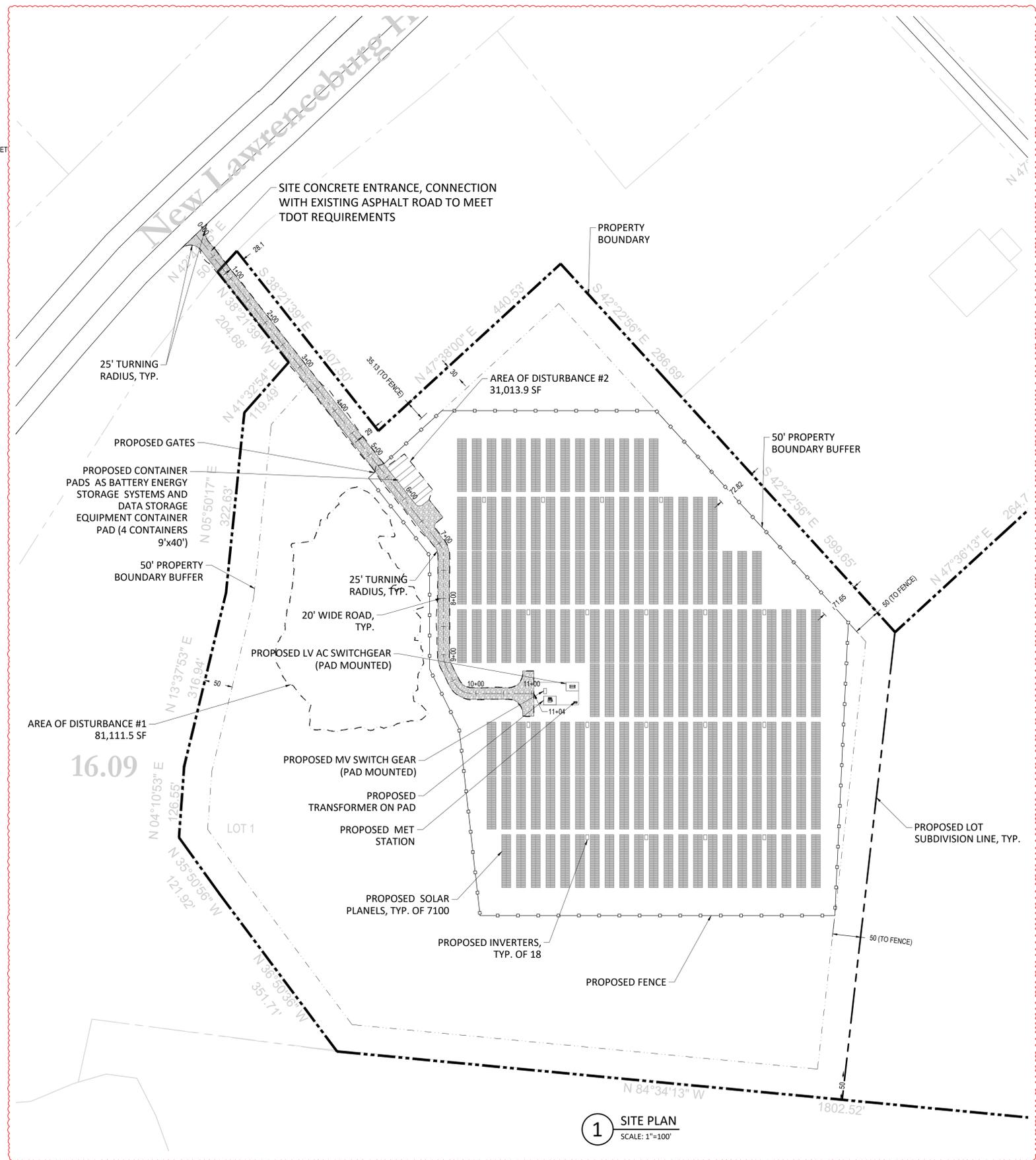
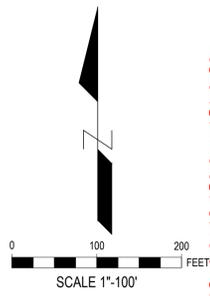
SOIL TYPES

Hr	-	Huntington silt loam, local alluvium phosphatic phase
Mb	-	Maury silt loam, eroded gently sloping phase
Me	-	Maury silty clay loam, eroded sloping phase
Mp	-	Mines, Pits, and Dumps
Mr	-	Mine areas, reclaimed
Sa	-	Settling basins

1 EXISTING CONDITIONS PLAN
 SCALE: 1"=100'

DRAWING TITLE:
EXISTING CONDITIONS PLAN

JOB No:
 DATE:
 DRAWN: D.P.
 CHECKED:



1 SITE PLAN
SCALE: 1"=100'

NOTES:
1. LOT 2 TO BE DEVELOPED IN THE FUTURE WITH A USE ALLOWED PER THE ZONING CODE

- LEGEND**
- PROPERTY BOUNDARY
 - 50' PROPERTY BOUNDARY BUFFER
 - PROPOSED ROAD, 20' WIDTH
 - PROPOSED CONCRETE DRIVEWAY APRON
 - SOLAR PANELS (7100 pcs.)
 - NEW FENCE
 - PROPOSED TRANSFORMER ON PAD
 - PROPOSED LV AC SWITCHGEAR ON PAD



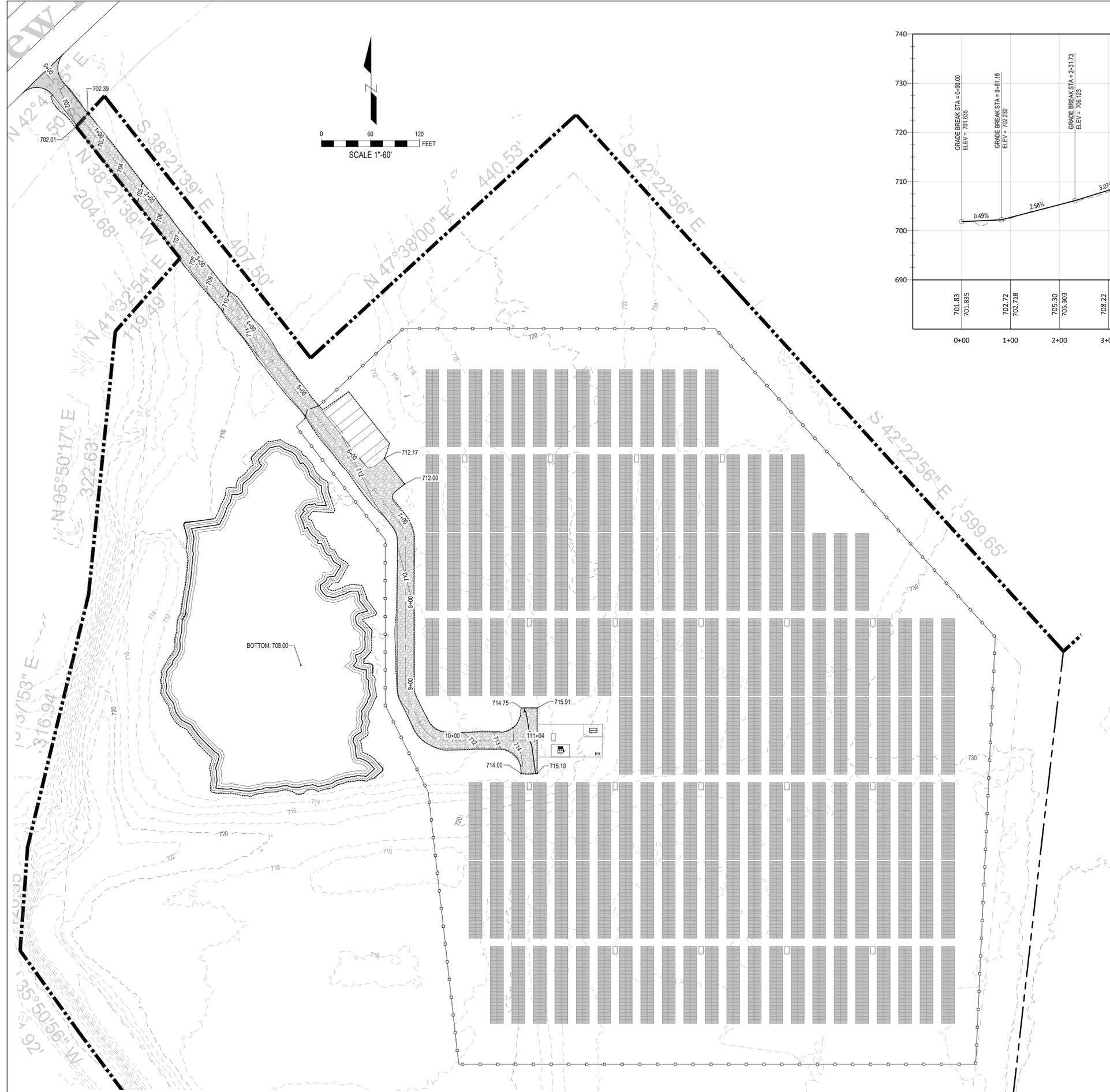
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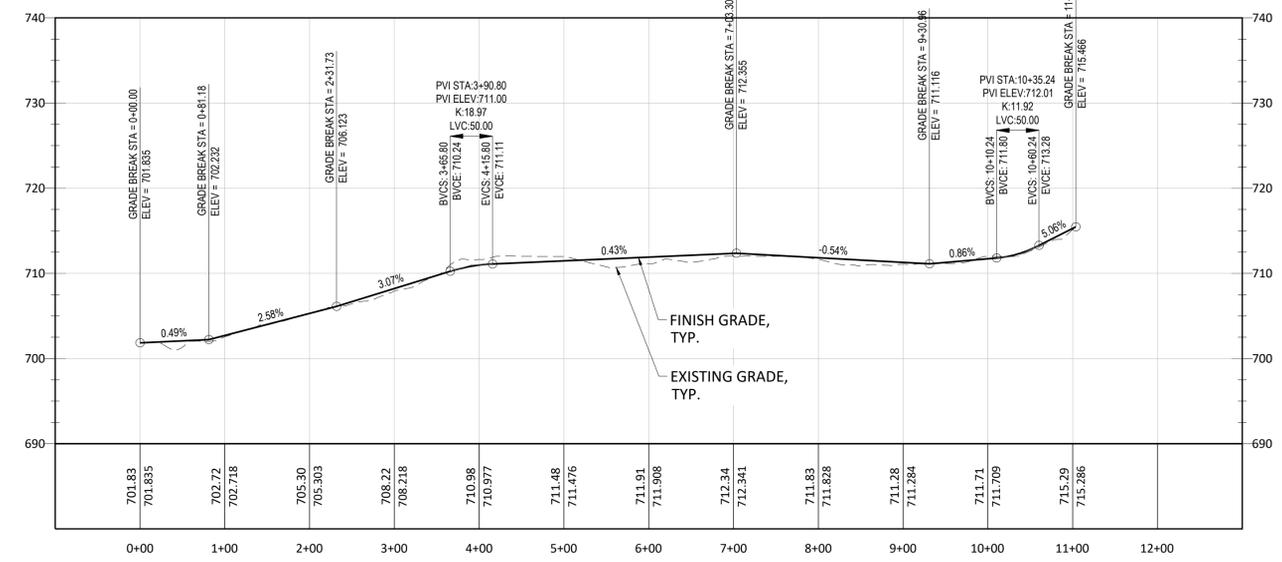
PROPOSED SOLAR FARM
CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
SITE PLAN

JOB No:
DATE:
DRAWN: D.P.
CHECKED:



1 GRADING PLAN
SCALE: 1"=60'



2 ROAD CNRTL PROFILE STA 0+00..21+34
SCALE: HOR. 1"=100'
VERTICAL 1"=10'

GRADING NOTES:
1. NO GRADING TO BE PROVIDED UNDER SOLAR PANELS



LEGEND

- PROPERTY BOUNDARY
- 50' PROPERTY BOUNDARY BUFFER
- 730- EXISTING MAJOR CONTOUR
- 728- EXISTING MINOR CONTOUR
- 730- PROPOSED MAJOR CONTOUR
- 728- PROPOSED MINOR CONTOUR
- PROPOSED ROAD, 20' WIDTH
- PROPOSED CONCRETE DRIVEWAY APRON
- SOLAR PANELS (7100 pcs.)
- NEW FENCE
- PROPOSED TRANSFORMER ON PAD
- PROPOSED LV AC SWITCHGEAR ON PAD



REVISIONS

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MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
GRADING PLAN

JOB No:
DATE:
DRAWN: D.P.
CHECKED:

PRE DEVELOPMENT RUNOFF				
	1-YR	10-YR	100-YR	
BASIN PRE-1	0	0	0	
BASIN PRE-2	13,070	35,400	63,530	
BASIN PRE-3	5,963	15,170	26,750	
PRE-DEVELOPMENT RUNOFF, CFS	15,550	42,010	75,170	

PRE-DEVELOPMENT CURVE NUMBER DATA:

BASIN 1:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73
BASIN 2:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73
BASIN 3:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73

POST DEVELOPMENT RUNOFF				
	1-YR	10-YR	100-YR	
BASIN POST-1	0	0	0	
BASIN POST-2	0	1,221	7,774	
BASIN POST-3	5,963	15,170	26,750	
BASIN POST-4	6,052	13,630	22,470	
POST-DEVELOPMENT RUNOFF, CFS	12,000	28,780	48,760	

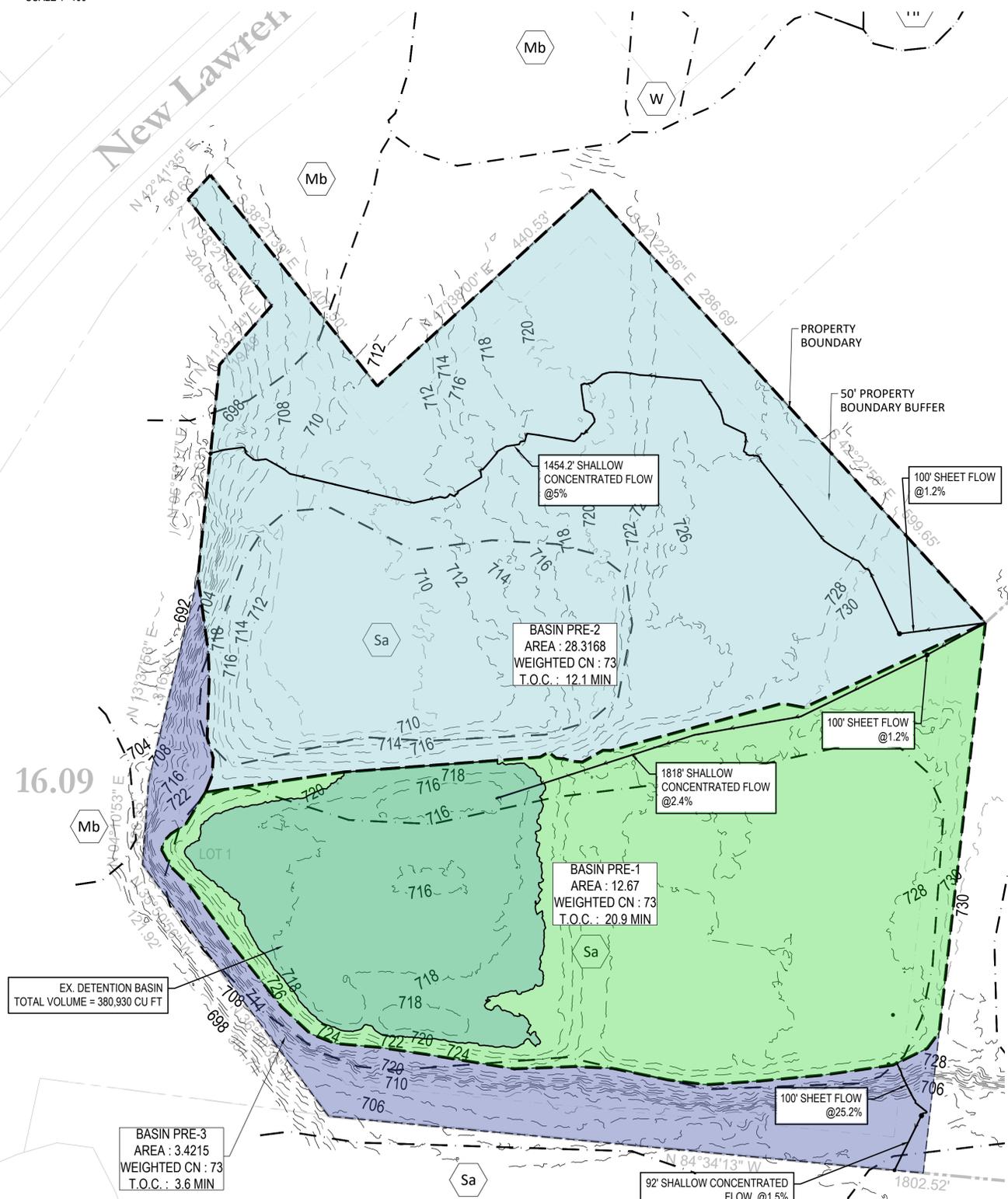
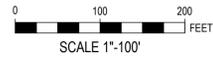
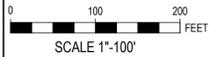
POST-DEVELOPMENT CURVE NUMBER DATA:

BASIN 1:
OPEN SPACE IN GOOD CONDITIONS (SOIL GROUP D) : CN=80, AREA=12.6573 AC
PROPOSED IMPERVIOUS SURFACE : CN=98, AREA=0.0127 AC
WEIGHTED CN=80

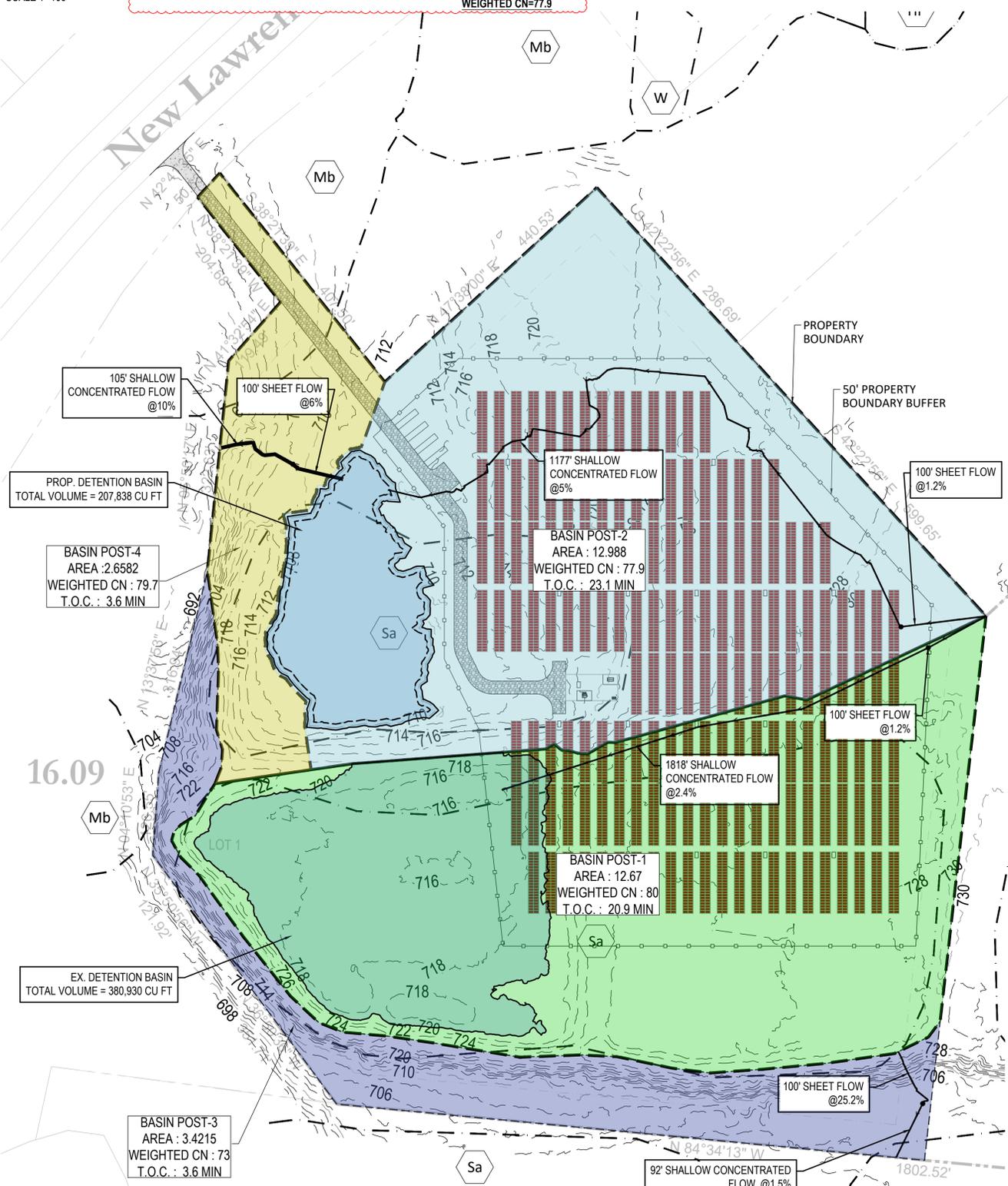
BASIN 2:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73, AREA=4.6173 AC
OPEN SPACE IN GOOD CONDITIONS (SOIL GROUP D) : CN=80, AREA=7.97 AC
PROPOSED GRAVEL ROAD (SOIL GROUP D) : CN=91, AREA=0.33 AC
PROPOSED CONTAINER PADS : CN=98, AREA=0.0617 AC
WEIGHTED CN=77.9

BASIN 3:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73, AREA=3.42 AC
WEIGHTED CN=73

BASIN 4:
BRUSH IN GOOD CONDITIONS (SOIL GROUP D) : CN=73, AREA=2.66 AC
PROPOSED GRAVEL ROAD (SOIL GROUP D) : CN=91, AREA=0.19 AC
WEIGHTED CN=73



1 PRE-DEVELOPMENT CONDITIONS PLAN
SCALE: 1"=100'



2 POST-DEVELOPMENT CONDITIONS PLAN
SCALE: 1"=100'



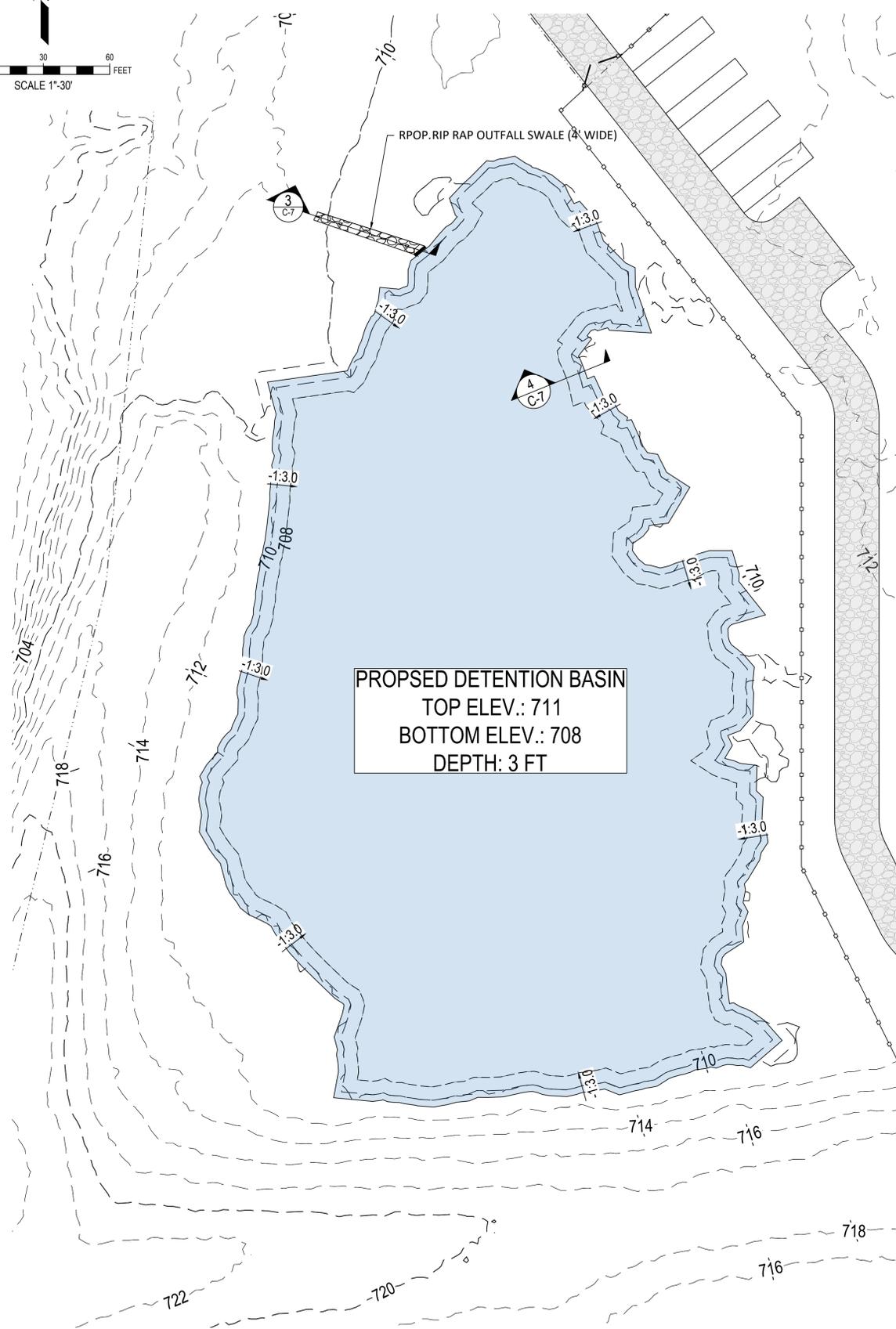
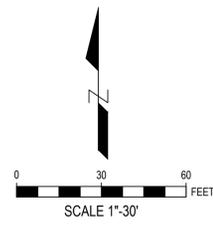
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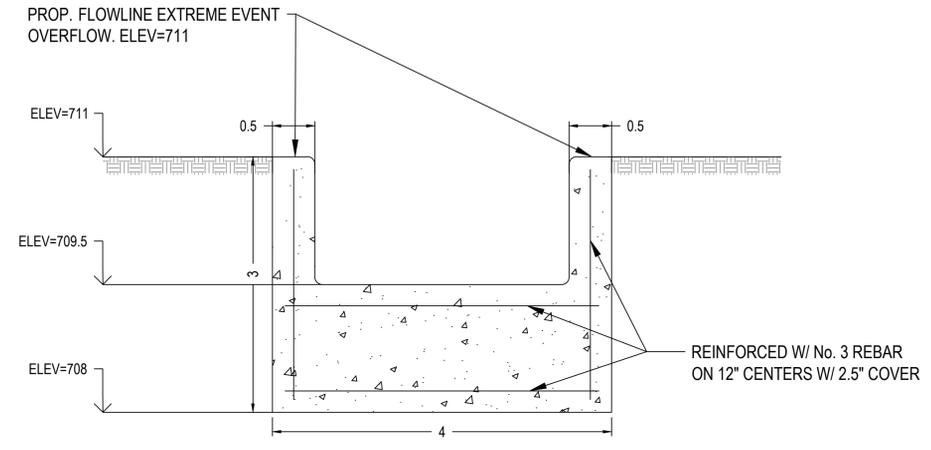
PROPOSED SOLAR FARM
CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
STORMWATER
MANAGEMENT
PLAN

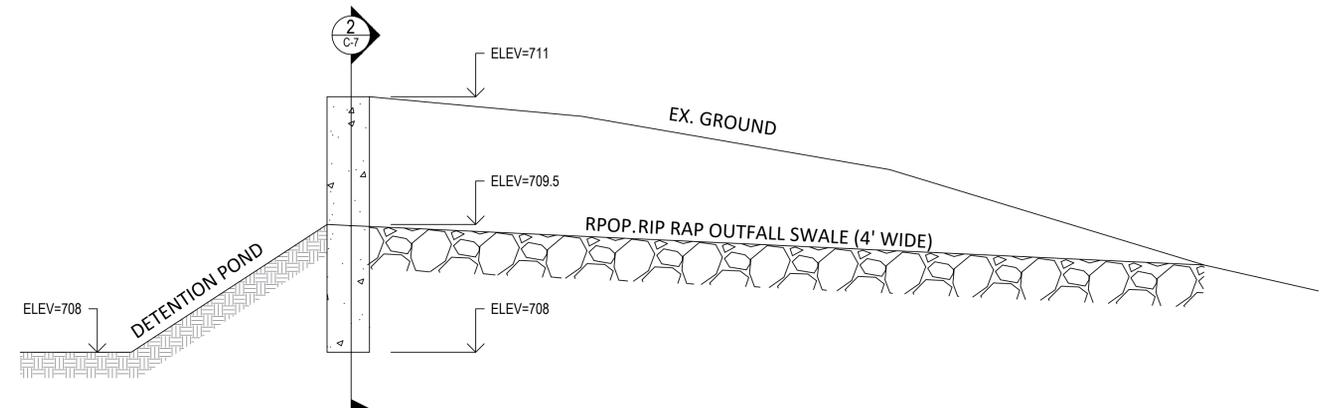
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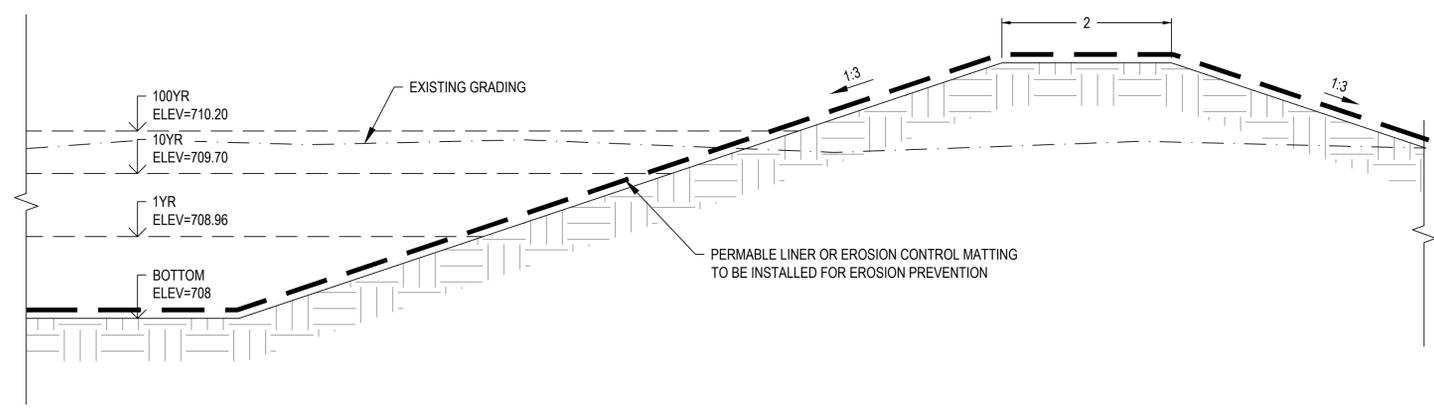
1 PROP. DETENTION BASIN
SCALE: 1"=30'



2 PROPOSED 6" THICK REINFORCED CONC. WEIR SECTION VIEW
SCALE: NTS



3 PROPOSED DETENTION BASIN GRAVITY OUTFALL PROFILE VIEW
SCALE: NTS



4 PROPOSED DETENTION BASIN CROSS SECTION
SCALE: NTS

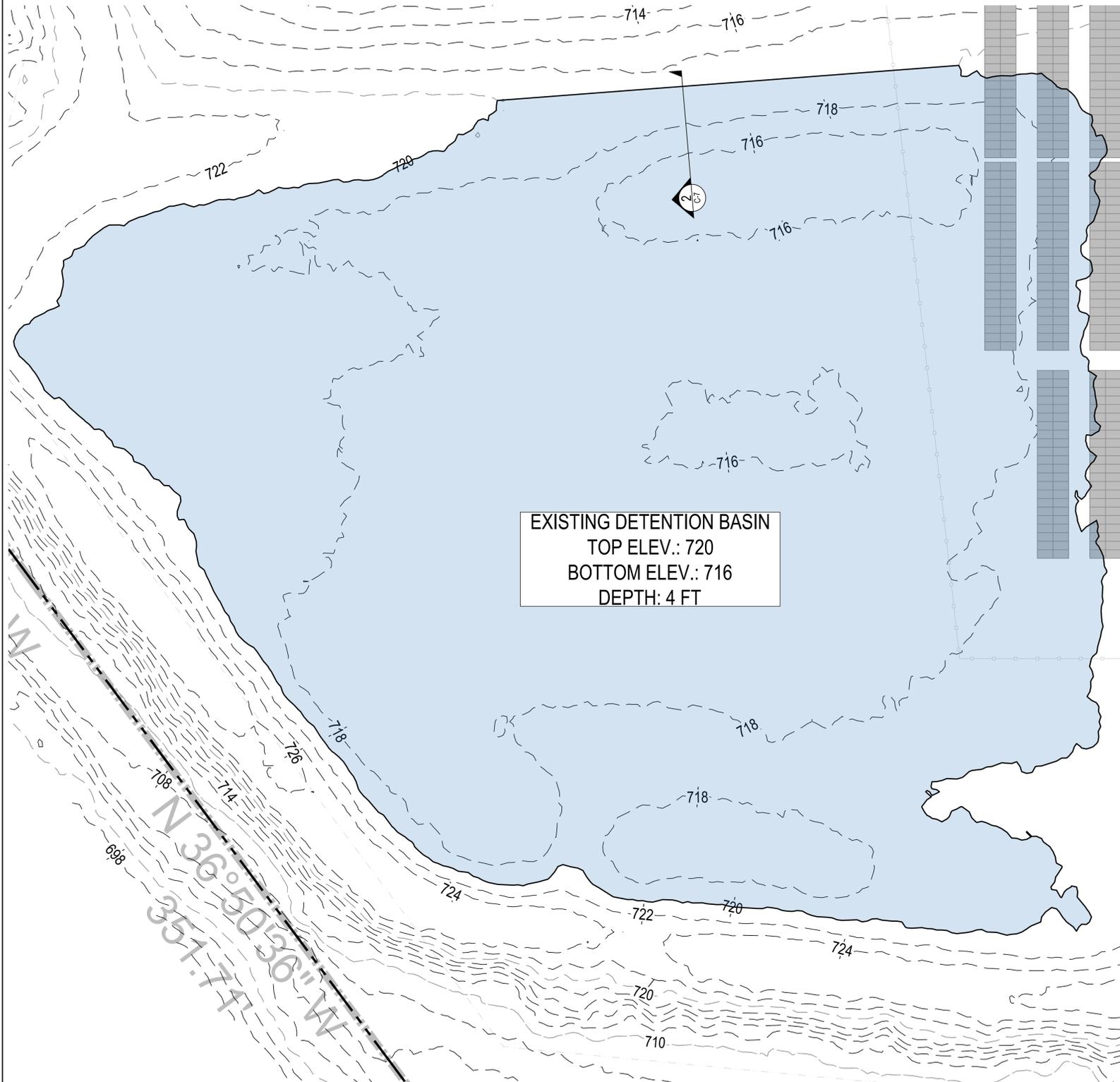
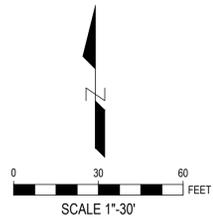


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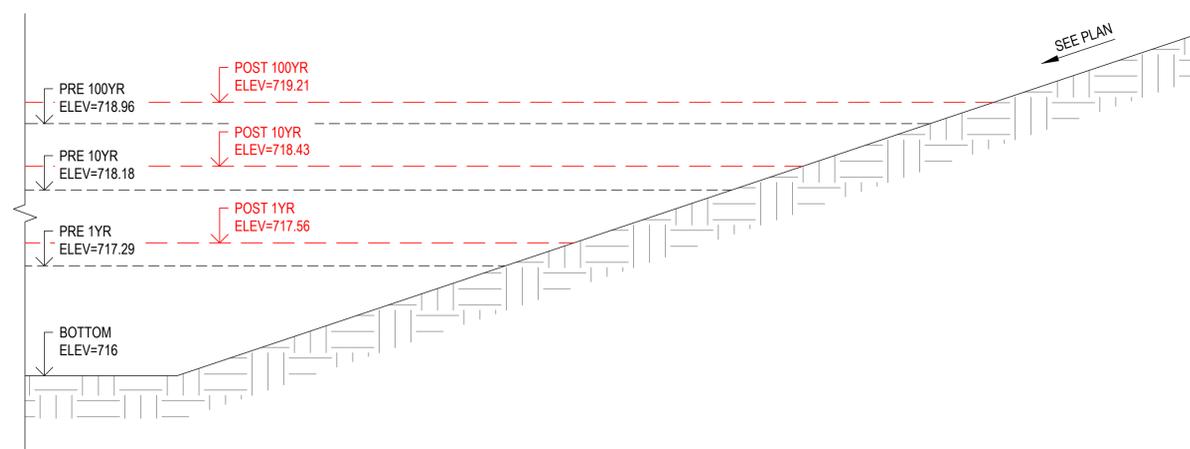
PROPOSED SOLAR FARM
CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
STORMWATER MANAGEMENT DETAILS

JOB No:
DATE:
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1 EX. DETENTION BASIN
SCALE: 1"=30'



2 EXISTING DETENTION BASIN CROSS SECTION
SCALE: NTS

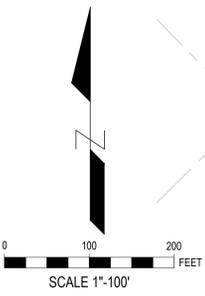


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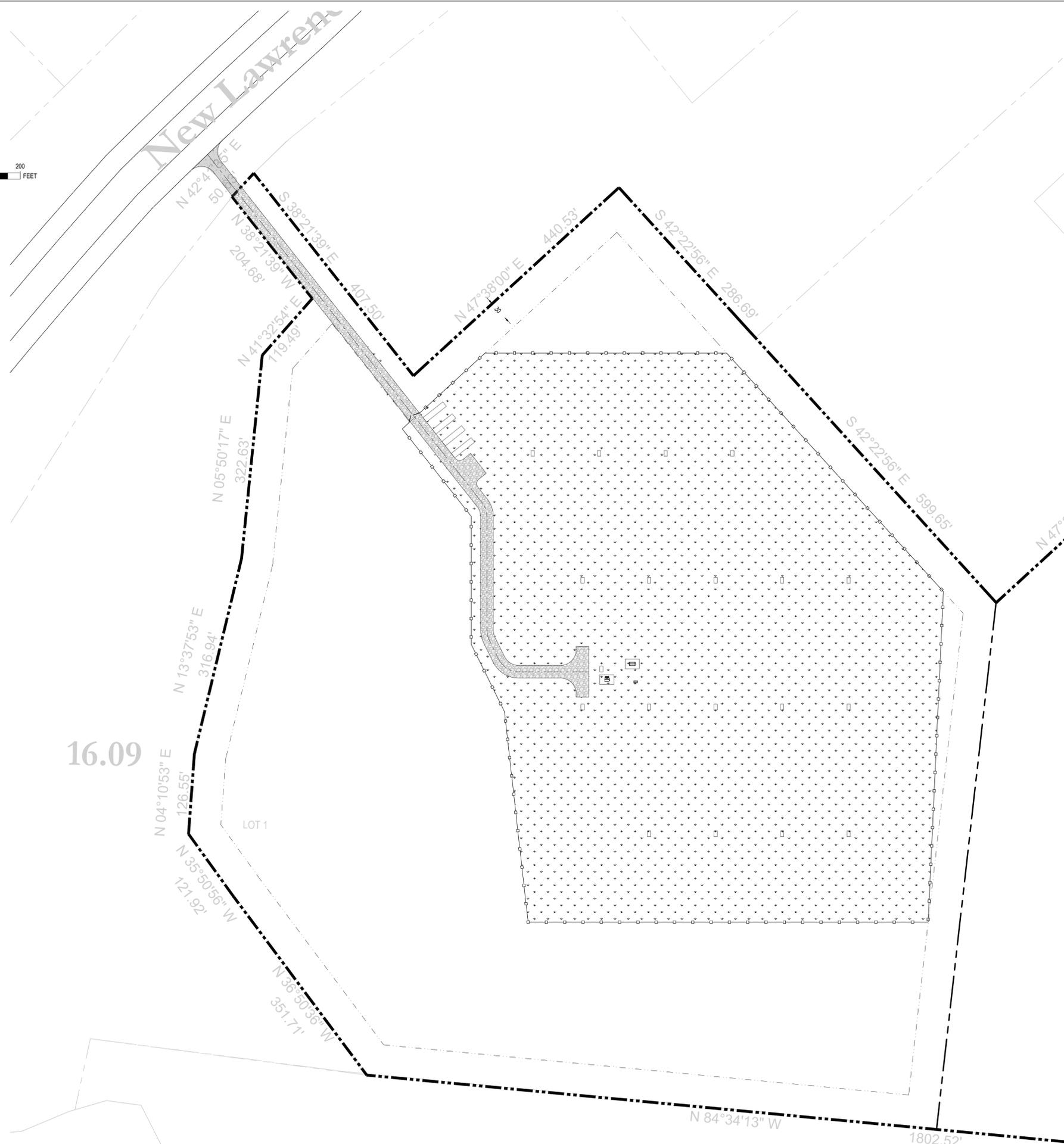
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DRAWING TITLE:
**STORMWATER
 MANAGEMENT
 PLAN DETAILS 2**

JOB No:
 DATE:
 DRAWN: D.P.
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PLANT SCHEDULE					
FINAL QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	HEIGHT	SPACING
GRASSES					
13.08 Ac		KENTUCKY BLUEGRASS		1.5'-2.5'	



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LEGEND

- PROPERTY BOUNDARY
- 50' PROPERTY BOUNDARY BUFFER
- PROPOSED ROAD, 20' WIDTH
- PROPOSED CONCRETE DRIVEWAY APRON
- SOLAR PANELS (7100 pcs.)
- NEW FENCE
- PROPOSED TRANSFORMER ON PAD
- PROPOSED LV AC SWITCHGEAR ON PAD

1 LANDSCAPE PLAN
 SCALE: 1"=80'

DRAWING TITLE:
LANDSCAPE PLAN

JOB No:
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NOTES:

ALL WORK SHALL ADHERE TO THE THE FOURTH EDITION OF THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK.
 ALL WORK MUST COMPLY WITH THE CONDITIONS OF THE PERMITS OBTAINED FOR THE PROJECT AND ALL FEDERAL/STATE/LOCAL REGULATIONS.

STANDARD STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:
 A.) THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
 B.) SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING

TYPICAL CONSTRUCTION SEQUENCE:

1. CONTACT THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION ADMINISTRATION TO SCHEDULE A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS PRIOR TO COMMENCING ANY SITE WORK, FAILURE TO DO SO MAY RESULT IN AN IMMEDIATE STOP WORK ORDER
2. CLEAR AND GRUB SITE FOR PERIMETER CONTROLS ONLY
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE
4. INSTALL SILT-FENCE IN ITS ENTIRETY
5. ROUGH GRADE ENTRY, AND CONSTRUCTION PARKING AREA
6. INSTALL GRAVEL DRIVE
10. MINIMAL GRADING IN SOLAR FARM AREA
11. MARK GRID FOR SOLAR FARM PANELS
12. INSTALL SOLAR PANEL CONDUITS
13. CONSTRUCT CONCRETE FOUNDATIONS FOR TRANSFORMERS
14. INSTALL SOLAR PANEL SUPPORTS
15. ASSEMBLE SOLAR FARM
16. STABILIZE ALL ANY DISTURBED AREAS WITH PERMANENT VEGETATION OR SITE SPECIFIC VEGETATION AS NOTED INCLUDING TOPSOILING, FERTILIZING, AND MULCHING
17. AFTER INSPECTION REMOVAL OF CONTROLS AND STABILIZATION OF ALL AREAS DISTURBED
18. ALL MAINTENANCE OF THE FINAL SITE SHALL BE CONTROLLED BY SITE OWNER

SEEDING AND MULCHING SPECIFICATIONS:

- A. SEEDING
 1. SPECIFICATIONS
 - a. ALL SEED MUST MEET THE REQUIREMENTS OF THE TENNESSEE STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY. ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT.
 - b. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWS.
 - c. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. INOCULANTS MUST NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE. USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIVE.
 - d. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
 2. APPLICATION
 - a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST SPREADERS.
 - i. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED BY SEED TYPE
 - j. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDED AREA WITH A WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.
 - b. DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL.
 - i. CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING.
 - ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION.
 - c. HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).
 - i. IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE APPLICATION RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P2O5 (PHOSPHOROUS), 200 POUNDS PER ACRE; K2O (POTASSIUM), 200 POUNDS PER ACRE.
 - ii. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE DO NOT USE BURNT OR HYDRATED LIME WHEN HYDROSEEDING.
 - iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT INTERRUPTION.
 - iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL.
- B. MULCHING
 1. MULCH MATERIALS (IN ORDER OF PREFERENCE)
 - a. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND REASONABLY BRIGHT IN STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE TENNESSEE SEED LAW AND NOT MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN AREAS WHERE ONE SPECIES OF GRASS IS DESIRED.
 - b. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.
 - i. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY.
 - ii. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.
 - iii. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. THE MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
 - iv. WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC.
 - v. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH OF APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM

2. APPLICATION
 - a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING.
 - b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE THE APPLICATION RATE TO 2.5 TONS PER ACRE.
 - c. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT OF 1500 POUNDS PER MIX THE WOOD CELLULOSE FIBER WITH WATER TO ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
3. ANCHORING
 - a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:
 - i. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS,BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
 - ii. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
 - iii. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRA TACK AR OR OTHER APPROVED EQUAL MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
 - iv. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.



REVISIONS

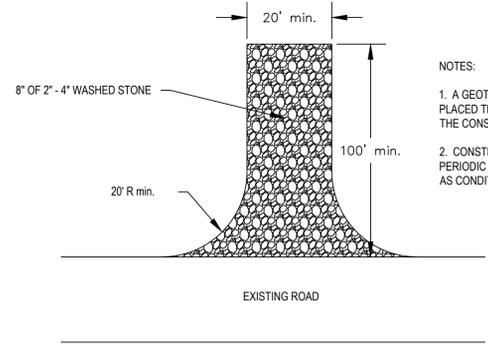
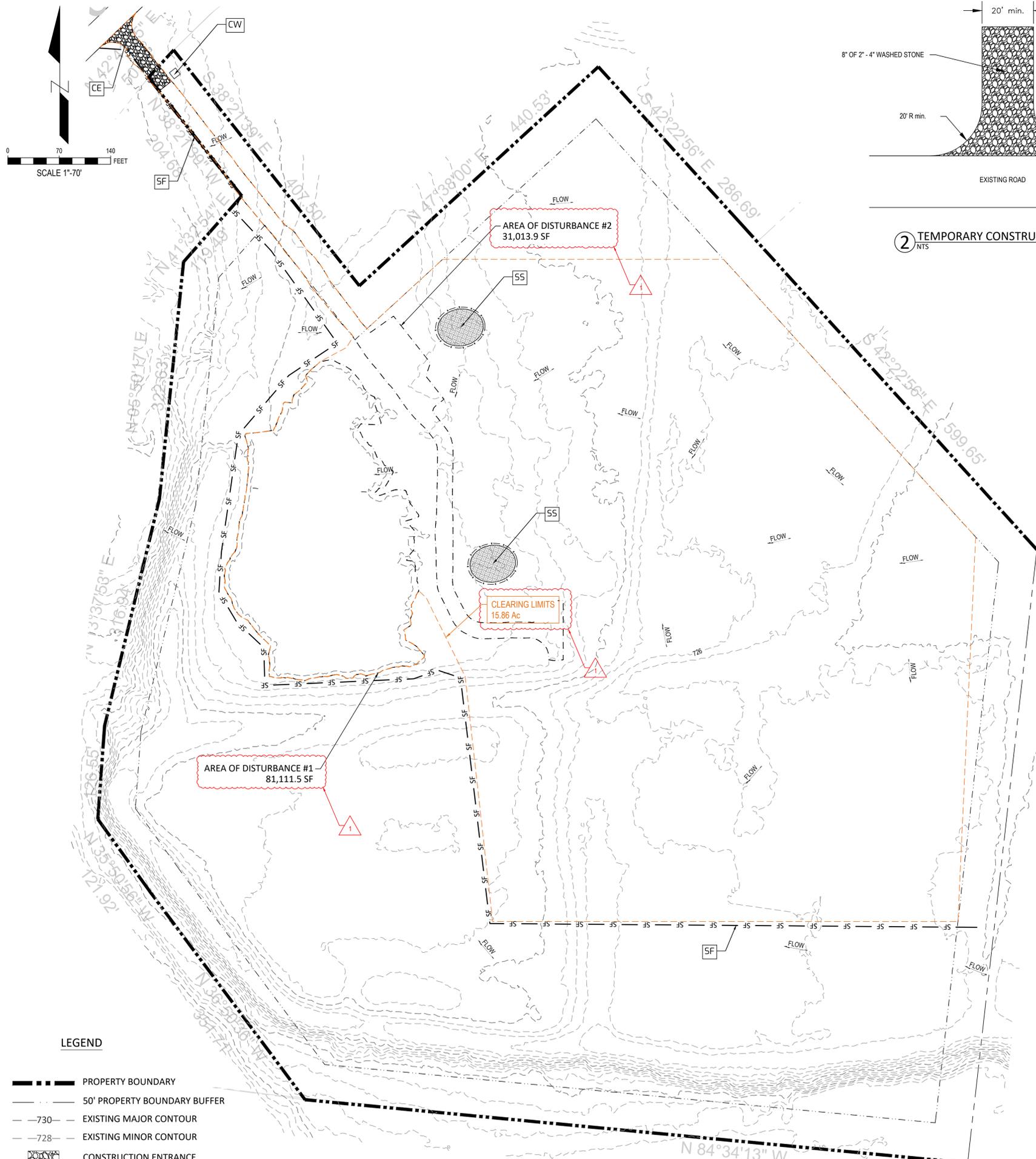
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PROPOSED SOLAR FARM

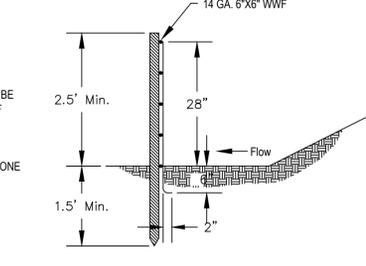
CB+D VENTURES LLC
 Parcel ID 154 016.12
 MAURY COUNTY, TENNESSEE, USA

DRAWING TITLE:
EROSION CONTROL NOTES

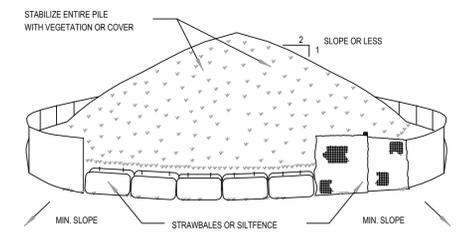
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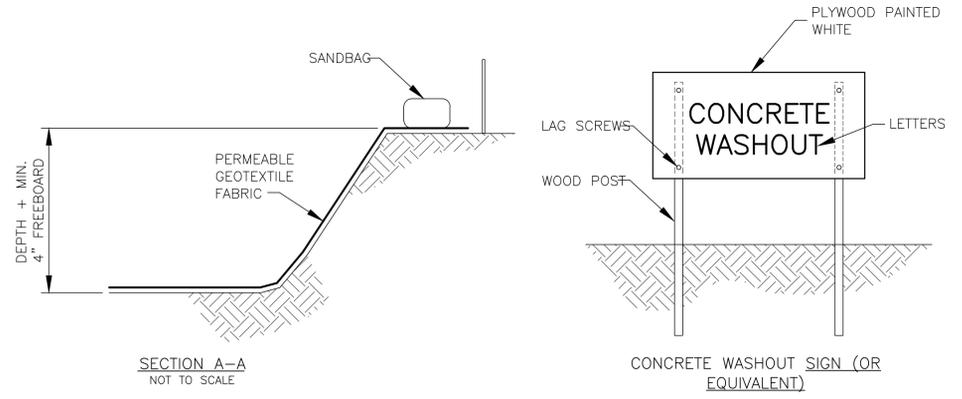
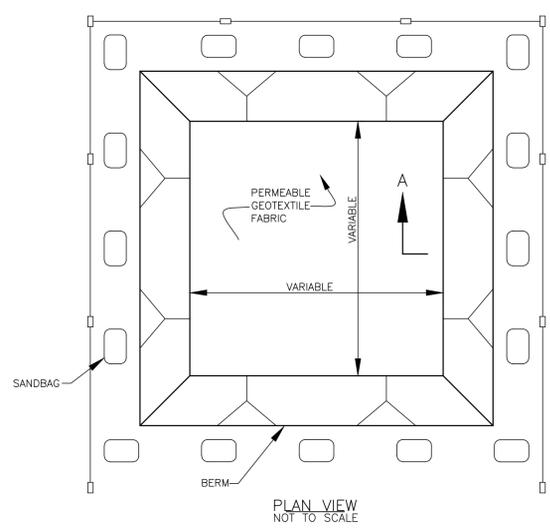
2 TEMPORARY CONSTRUCTION EXIT [CE]
NTS



3 SILT FENCE TYPE "C" [SF]
NTS



4 SOIL STOCKPLING [SS]
NTS



5 CONCRETE WASHOUT (TYPE "BELOW GRADE") [CW]
NTS

- NOTES:
1. A GEOTEXTILE UNDERLINEMENT MUST BE PLACED THE FULL LENGTH AND WIDTH OF THE CONSTRUCTION EXIT.
 2. CONSTRUCTION EXIT WILL REQUIRE PERIODIC TOP DRESSING WITH FRESH STONE AS CONDITIONS AND TRAFFIC DEMAND.

- NOTES:
1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 2. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
- NOTES:
1. FILTER FABRIC SHALL MEET ASTM D-4632 SPECIFICATIONS FOR TENSILE STRENGTH, ELONGATION, AND ULTRAVIOLET STABILITY FOR TYPE 'C'.
 2. MINIMUM FABRIC WIDTH SHALL BE 36 INCHES.
 3. MAXIMUM FLOW RATE BASED ON GDT-87 SHALL BE 70 GAL./MIN./SQ. FT.
 4. 4 FOOT STEEL POSTS SHALL HAVE A MAXIMUM SPACING OF 4 FEET.

- INSTALLATION NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
 3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
 4. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
 5. STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDED BY SILT FENCE.
 6. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

- LEGEND
- PROPERTY BOUNDARY
 - 50' PROPERTY BOUNDARY BUFFER
 - 730--- EXISTING MAJOR CONTOUR
 - 728--- EXISTING MINOR CONTOUR
 - CONSTRUCTION ENTRANCE
 - SF --- SILT FENCE

1 EROSION CONTROL PLAN - INITIAL
SCALE: 1"=70'

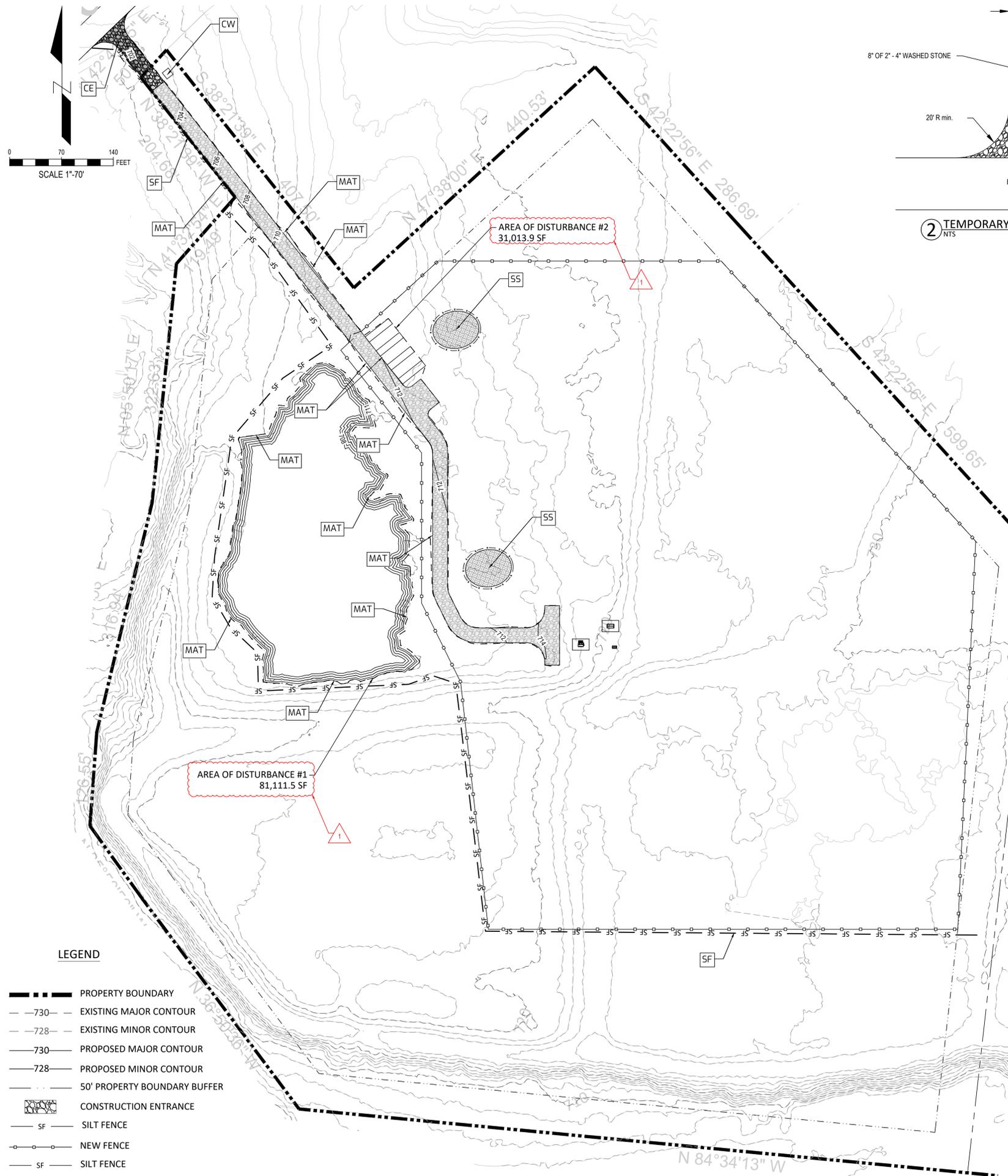


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PROPOSED SOLAR FARM
CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

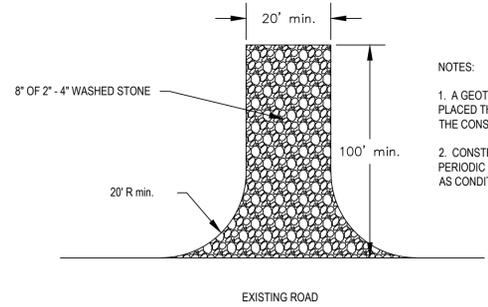
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EROSION CONTROL PLAN - INITIAL

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DRAWN: D.P.
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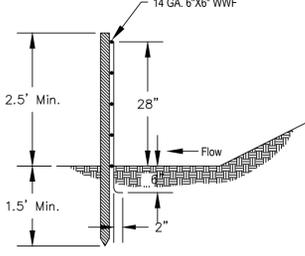
- LEGEND**
- PROPERTY BOUNDARY
 - - -730- - EXISTING MAJOR CONTOUR
 - - -728- - EXISTING MINOR CONTOUR
 - 730 — PROPOSED MAJOR CONTOUR
 - 728 — PROPOSED MINOR CONTOUR
 - · - · - 50' PROPERTY BOUNDARY BUFFER
 - ▨ CONSTRUCTION ENTRANCE
 - SF — SILT FENCE
 - ○ — NEW FENCE
 - SF — SILT FENCE

1 EROSION CONTROL PLAN - INTERMEDIATE
SCALE: 1"=70'



2 TEMPORARY CONSTRUCTION EXIT [CE]
NTS

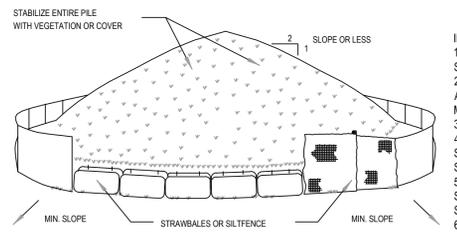
- NOTES:**
1. A GEOTEXTILE UNDERLINEMENT MUST BE PLACED THE FULL LENGTH AND WIDTH OF THE CONSTRUCTION EXIT.
 2. CONSTRUCTION EXIT WILL REQUIRE PERIODIC TOP DRESSING WITH FRESH STONE AS CONDITIONS AND TRAFFIC DEMAND.



3 SILT FENCE TYPE "C" [SF]
NTS

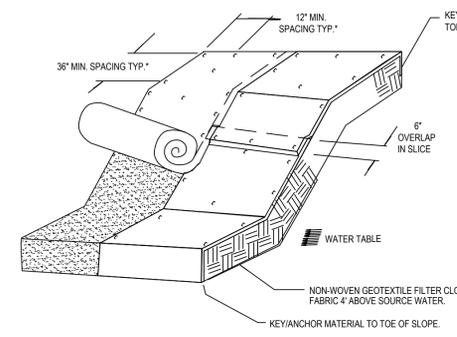
- NOTES:**
1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 2. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.

- NOTES:**
1. FILTER FABRIC SHALL MEET ASTM D-4632 SPECIFICATIONS FOR TENSILE STRENGTH, ELONGATION, AND ULTRAVIOLET STABILITY FOR TYPE 'C'.
 2. MINIMUM FABRIC WIDTH SHALL BE 36 INCHES.
 3. MAXIMUM FLOW RATE BASED ON GDT-87 SHALL BE 70 GAL./MIN./SQ. FT.
 4. 4 FOOT STEEL POSTS SHALL HAVE A MAXIMUM SPACING OF 4 FEET.



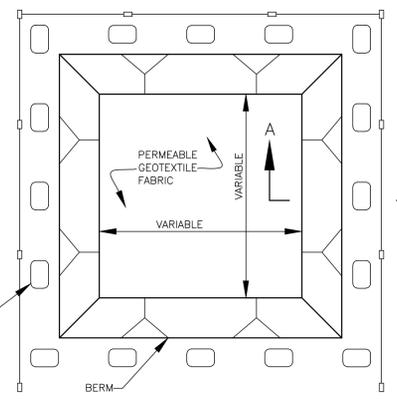
4 SOIL STOCKPLING [SS]
NTS

- INSTALLATION NOTES:**
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
 3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
 4. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
 5. STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDED BY SILT FENCE.
 6. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.



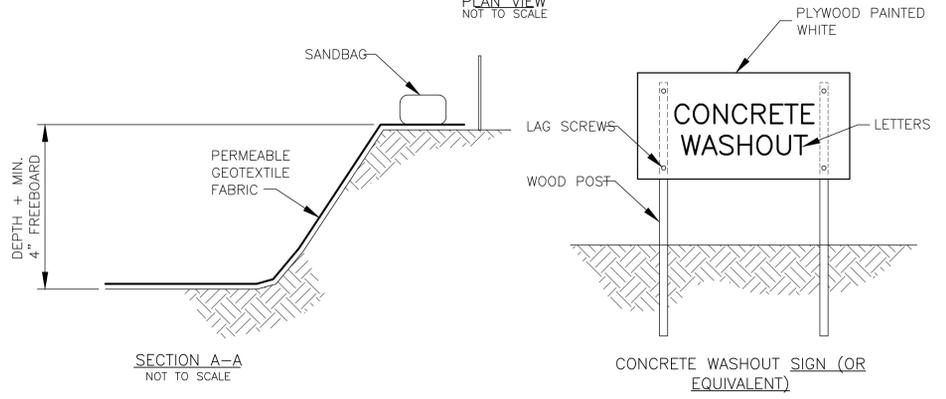
5 EMBANKMENT MATTING DETAIL PROTECTION [MAT]
NTS

- GENERAL NOTES:**
1. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 2. *DIMENSIONS SHOWN ARE MINIMUM. MANUFACTURED PRODUCTS MAY HAVE ADDITIONAL REQUIREMENTS THAT MUST BE MET.
 3. SLOPE SURFACES SHALL BE FREE OF ROCKS, SOIL CLODS, STICKS, GRASS, MAT/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 4. THE DETAIL SHOWN IS FOR SLOPE MATTING.
- MAINTENANCE:**
1. INSPECT ROLLED EROSION CONTROL PRODUCTS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (0.5" OR GREATER) RAINFALL EVENT REPAIR IMMEDIATELY.
 2. GOOD CONTACT WITH THE GROUND MUST BE MAINTAINED, AND EROSION MUST NOT OCCUR BENEATH ROLLED EROSION CONTROL PRODUCTS.
 3. ANY AREAS OF ROLLED EROSION CONTROL PRODUCTS THAT ARE DAMAGED OR NOT IN CLOSE CONTACT WITH THE GROUND SHALL BE REPAIRED AND STAPLED.
 4. IF EROSION OCCURS DUE TO POORLY CONTROLLED DRAINAGE, THE PROBLEM SHALL BE FIXED AND THE ERODED AREA PROTECTED.
 5. MONITOR AND REPAIR THE ROLLED EROSION CONTROL PRODUCTS AS NECESSARY UNTIL THE GROUND COVER IS ESTABLISHED.



SECTION A-A
NOT TO SCALE

6 CONCRETE WASHOUT (TYPE "BELOW GRADE") [CW]
NTS



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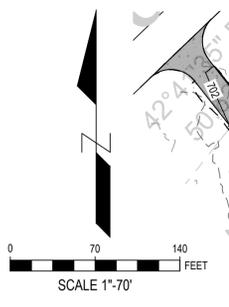
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PROPOSED SOLAR FARM

CB+D VENTURES LLC
Parcel ID 154 016.12
MAURY COUNTY, TENNESSEE, USA

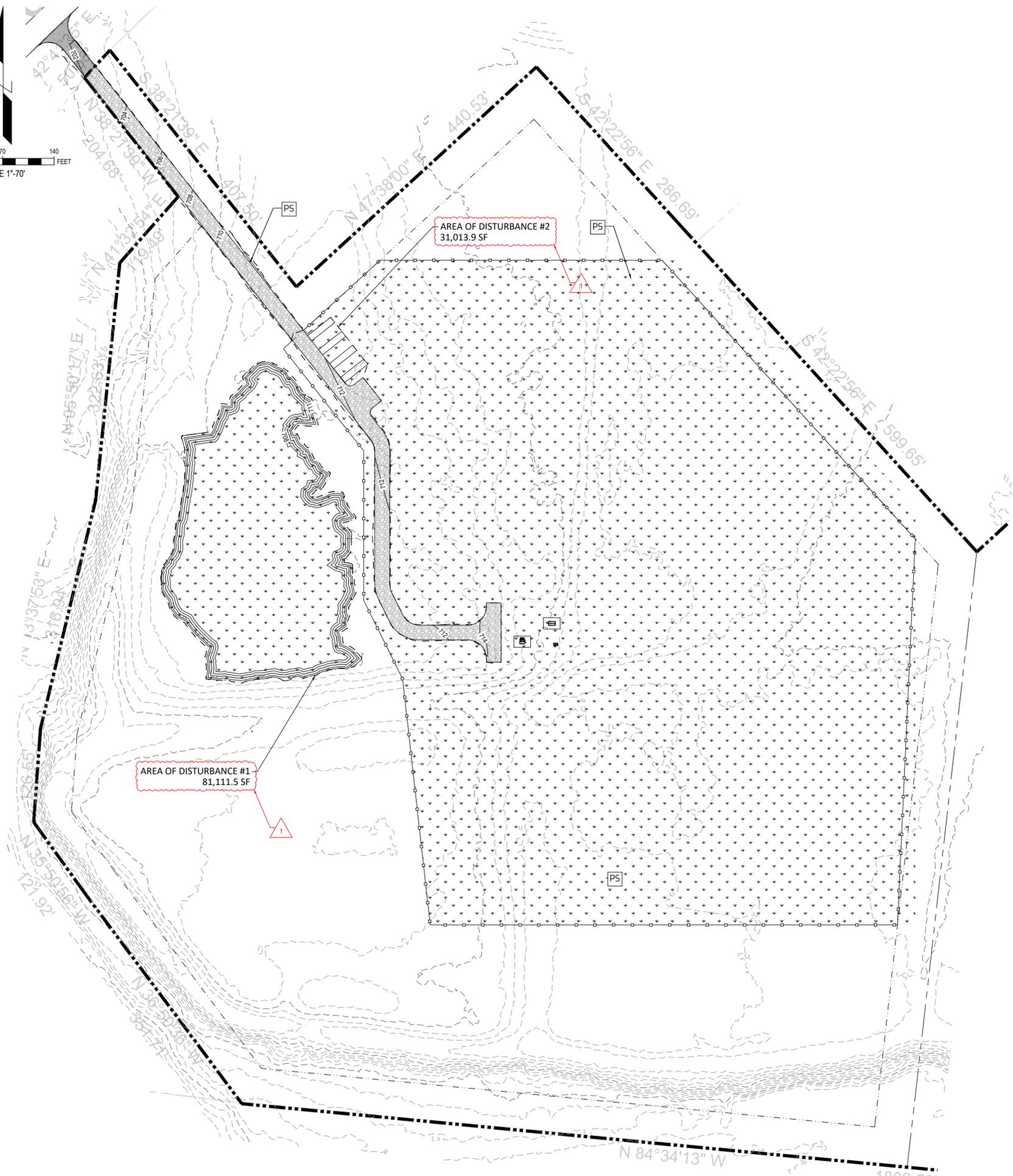
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EROSION CONTROL PLAN - INTERMEDIATE

JOB No.
DATE
DRAWN: D.P.
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SEEDING DATES	GRASS SEED	APPLICATION RATE (LB/AC)
JANUARY 1 TO JUNE 1	KENTUCKY 31 FESCUE KOREAN LESPEDEZA ENGLISH RYE	65 15 5
JUNE 1 TO AUGUST 1	KENTUCKY 31 FESCUE ENGLISH RYE KOREAN LESPEDEZA GERMAN MILLET	45 15 10 10
AUGUST 1 TO JANUARY 1	KENTUCKY 31 FESCUE CROWN VETCH ENGLISH RYE	55 20 5

2 PERMANENT COVER SEEDING MIXTURES PS



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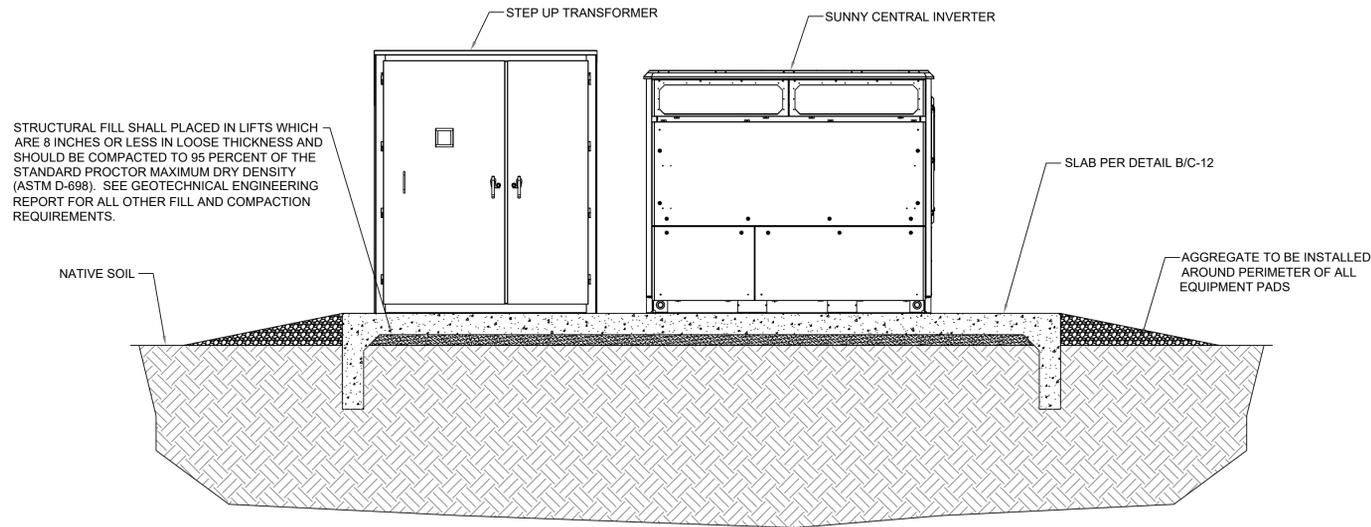
- LEGEND**
- — — — — PROPERTY BOUNDARY
 - - - - - 50' PROPERTY BOUNDARY BUFFER
 - - - - - EXISTING MAJOR CONTOUR
 - - - - - EXISTING MINOR CONTOUR
 - — — — — 730 PROPOSED MAJOR CONTOUR
 - — — — — 728 PROPOSED MINOR CONTOUR
 - ▨ PROPOSED ROAD, 20' WIDTH
 - - - - - NEW FENCE

1 EROSION CONTROL PLAN - FINAL
 SCALE: 1"=70'

DRAWING TITLE:
EROSION CONTROL PLAN - FINAL

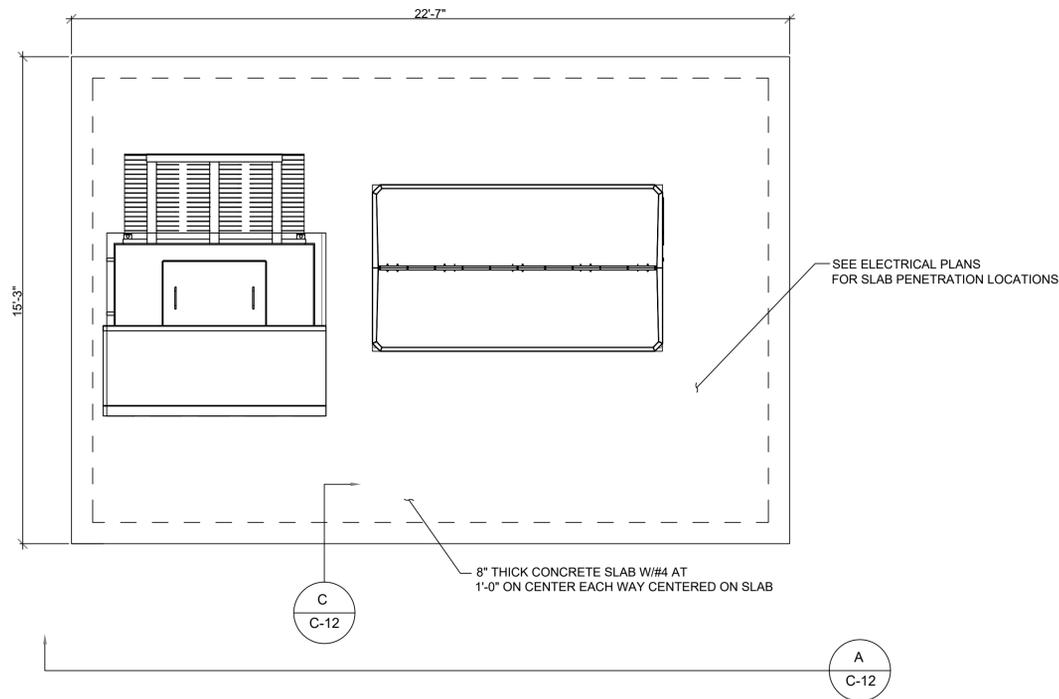
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NOTE:
EQUIPMENT LOCATIONS ON PAD ARE APPROXIMATE. REFER TO
ELECTRICAL SHEETS FOR EXACT LOCATIONS



A TYPICAL EQUIPMENT PAD - ELEVATION
SCALE: NTS

NOTE:
1. EQUIPMENT LOCATIONS ON PAD ARE APPROXIMATE. REFER
TO ELECTRICAL SHEETS FOR EXACT LOCATIONS
2. FRONT OF EQUIPMENT SHALL FACE ROAD



B TYPICAL EQUIPMENT PAD - PLAN VIEW
SCALE: NTS

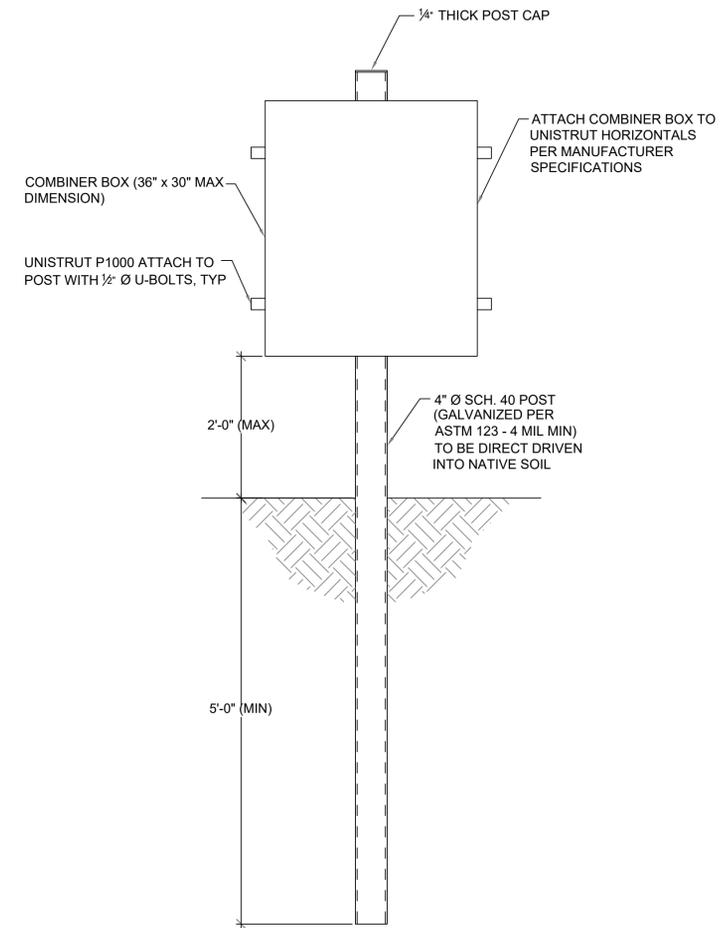
EQUIPMENT PAD CONSTRUCTION NOTES:

1. PRIOR TO FORMING AND POURING ANY AND ALL CONCRETE PADS AND FOUNDATIONS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PAD DIMENSIONS AND PROVIDE FINAL EQUIPMENT DETAILS TO THE ENGINEER FOR APPROVAL.
2. CONTRACTOR SHALL SEAL ALL CONDUITS AFTER CONDUCTORS ARE IN PLACE. FILL VOIDS AROUND STUB UPS WITH CONCRETE FLUSH WITH SURROUNDING GRADE.

EQUIPMENT ANCHORAGE SCHEDULE

TRANSFORMER	3/4" Ø HILTI KWIK BOLT TZ SS-304 (4 3/4" EMBED)
INVERTER	5/8" Ø HILTI KWIK BOLT TZ SS-304 (4 1/2" EMBED)
SWITCHGEAR	3/4" Ø HILTI KWIK BOLT TZ SS-304 (4 1/2" EMBED)

- NOTE:
1. PROVIDE 8" MINIMUM EDGE DISTANCE FROM ANCHORS TO ALL SLAB EDGES
 2. ANCHORS SHALL BE UTILIZED IN MANUFACTURED PROVIDED MOUNTING LOCATIONS



C COMBINER BOX SUPPORT DETAIL
SCALE: NTS



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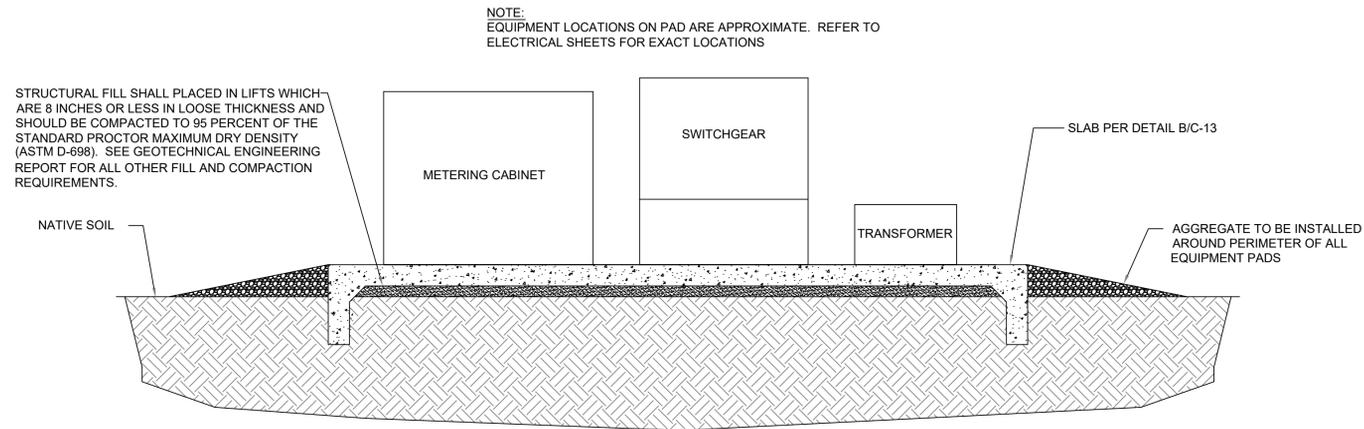
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PROPOSED SOLAR FARM

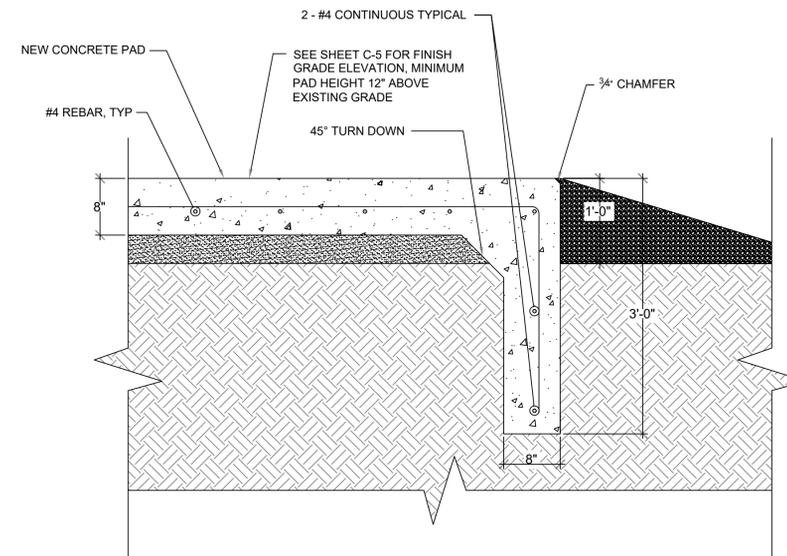
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DRAWING TITLE:
**STANDARD
DETAILS 2**

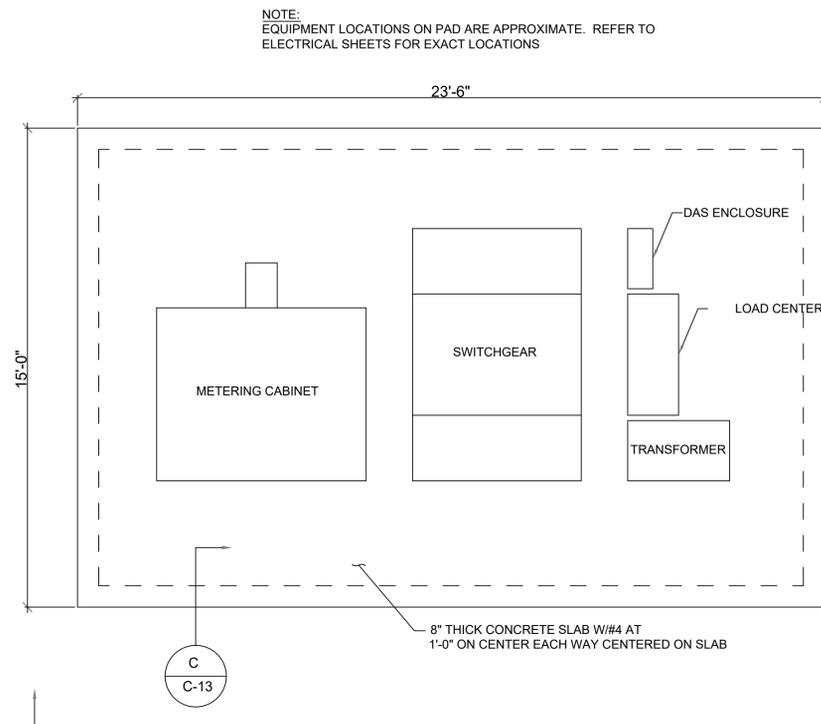
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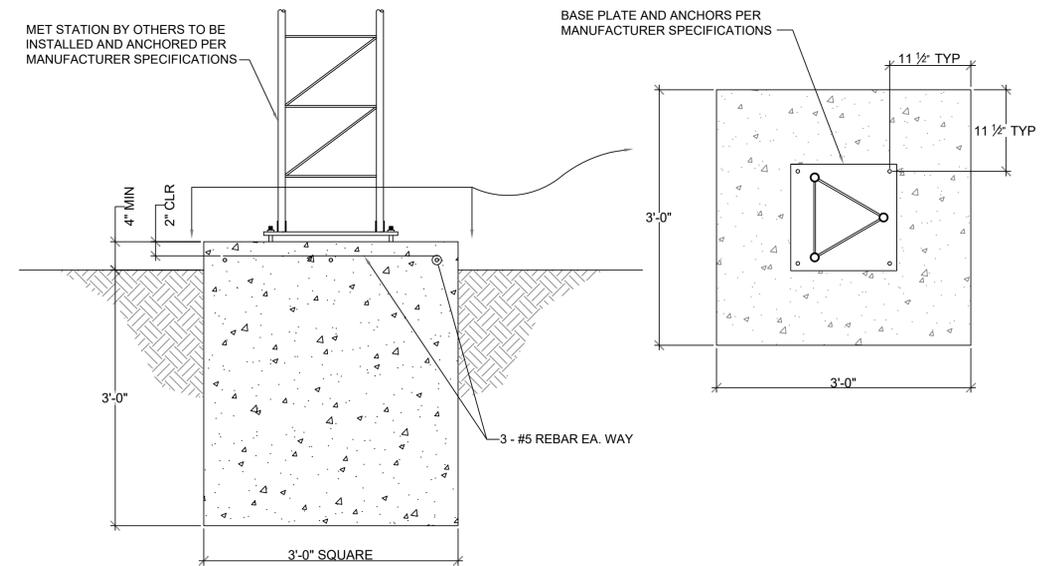
A SWITCHGEAR PAD - ELEVATION VIEW
SCALE: NTS



C TYPICAL PAD SECTION
SCALE: NTS



B SWITCHGEAR PAD - PLAN VIEW
SCALE: NTS



D MET STATION FOUNDATION
SCALE: NTS

EQUIPMENT PAD CONSTRUCTION NOTES:

1. PRIOR TO FORMING AND POURING ANY AND ALL CONCRETE PADS AND FOUNDATIONS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PAD DIMENSIONS AND PROVIDE FINAL EQUIPMENT DETAILS TO THE ENGINEER FOR APPROVAL.
2. CONTRACTOR SHALL SEAL ALL CONDUITS AFTER CONDUCTORS ARE IN PLACE. FILL VOIDS AROUND STUB UPS WITH CONCRETE FLUSH WITH SURROUNDING GRADE.



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PROPOSED SOLAR FARM

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STANDARD DETAILS 3

JOB No:
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No	Items	Specification	Q'ty	unit	Remark
1	container	40 foot high container	1	pcs	Container contains lighting system, fire fighting system, Gateway controller, Aux Power and so on
1.1	Battery Rack	573.44kWh, 627.2~806.4V	8	pcs	Each battery rack contains four subsystem
1.1.1	Battery Pack	51.2V 200Ah; LFP 100Ah, 2P16S;	448	pcs	- Including 32 cells in 2 parallel-16 series connection. - BMU and data acquisition board. - Cables and frame
1.1.2	Switchgear Box	1000V, 115A	32	pcs	- Main disconnect, ± Fuse, ± Contactor, PSU, BAMS, BCMS, ESU and so on; - Each battery system configure 1 set BAMS, each battery cabinet configure 1 ESU.
1.2	Fire fighting system	N/A	1	pcs	Contains heat and smoke detection, H2 Sensor, audible and visual alarm and fire-extinguishing gas
1.3	HAVC	N/A	2	pcs	
1.4	PCS	W1100*H2000*D800 mm	4	pcs	Up to 600kg, stand-alone: 400Vac, frequency: 50/60Hz

1 BATTERY STORAGE CONTAINER DETAILS
SCALE: NTS

S/N Slope ±10 degrees

10°

Tracking Range: ±60°
≤11m/s

Tracking Range: ±30°
12-13m/s

Stow Position: ±0°
≥14m/s

2 SOLAR PANEL INSTALLATION DETAILS
SCALE: NTS



3 SOLAR PANEL INSTALLATION EXAMPLE
SCALE: NTS



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