

**INSPECTION SEQUENCE NOTES**

- 1. CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY BUREAU OF PERMITS AND INSPECTIONS AT 410-386-2674, AT LEAST ONE DAY PRIOR TO BEGINNING ANY WORK.
2. SITE COMPLIANCE INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES DURING CONSTRUCTION:
2.1. PROPOSED STRUCTURES STAKED OUT IN PROPER LOCATIONS AS SHOWN ON THESE APPROVED PLANS.
2.2. PROPOSED FOUNDATIONS INSTALLED FOR ALL BUILDINGS SHOWN ON THESE APPROVED PLANS.
2.3. SUB-GRADES ESTABLISHED FOR ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
2.4. COMPLETION OF ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
2.5. COMPLETION OF ALL WORK SHOWN ON PLANS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CARROLL COUNTY BUREAU OF PERMITS AND INSPECTIONS AT 410-386-2674 UPON COMPLETION OF EACH PHASE OF CONSTRUCTION.
3. CONTRACTOR SHALL NOTIFY CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT, ENVIRONMENTAL INSPECTION SERVICES DIVISION AT 410-386-2210 PRIOR TO BEGINNING ANY WORK. ALL FOREST CONSERVATION PLAN DEVICES MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION.
4. FINAL LANDSCAPING INSPECTION SHALL BE ARRANGED THROUGH BUREAU OF RESOURCE MANAGEMENT, ENVIRONMENTAL INSPECTION SERVICES DIVISION AT 410-386-2210 BY THE CONTRACTOR/DEVELOPER OR AGENT.
WRITTEN APPROVAL FROM THE LANDSCAPE REVIEW SPECIALIST, BUREAU OF RESOURCE MANAGEMENT, MUST BE OBTAINED FOR ANY DEVIATIONS FROM THE LANDSCAPING OR FOREST CONSERVATION PLANS OR MODIFICATIONS IN THE PLANT MATERIAL.
5. THE CONTRACTOR SHALL NOT PROCEED TO THE NEXT PHASE OF CONSTRUCTION UNTIL GIVEN APPROVAL OF PRIOR PHASES.

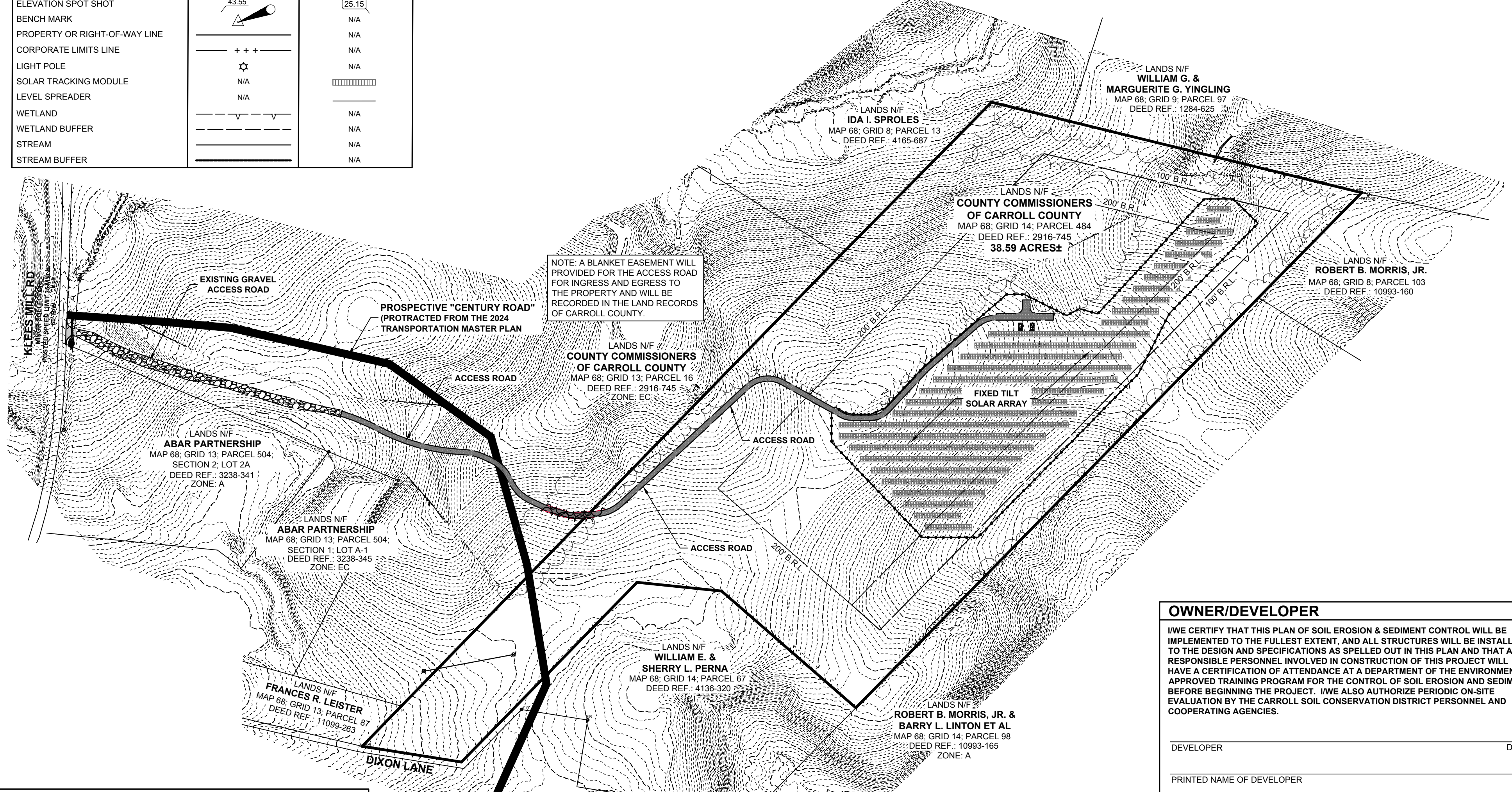
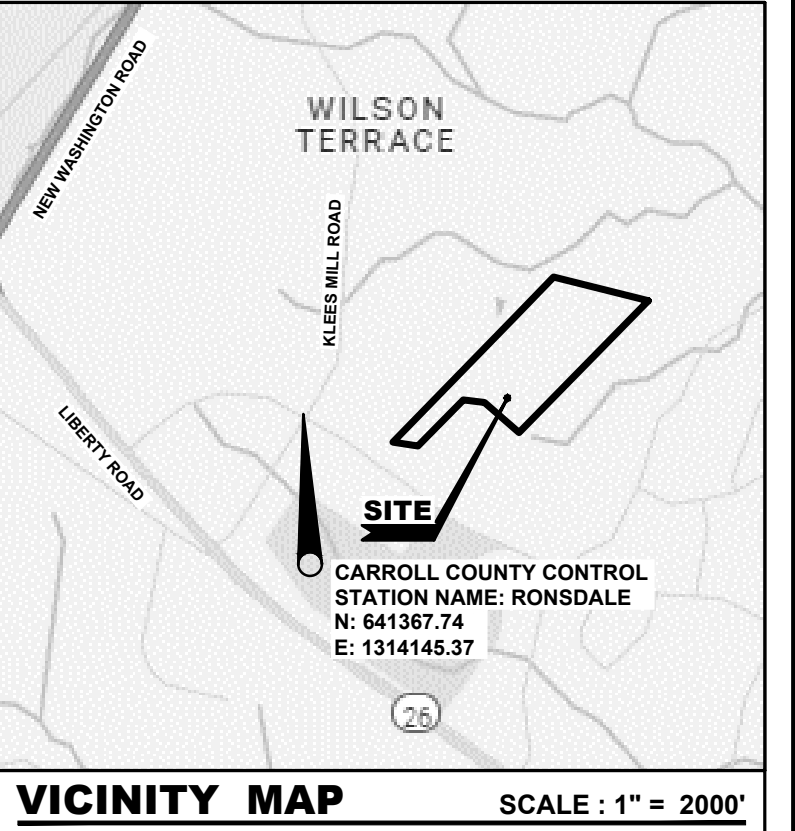
**ENGINEERING GENERAL NOTES**

- 1. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITIONS OF THE FOLLOWING, INCLUDING ALL ADDENDA, SUPPLEMENTS OR UPDATES:
a. DESIGN MANUAL - VOLUME ONE - ROADS AND STORM DRAINS, 1994 EDITION, OF THE CARROLL COUNTY DEPARTMENT OF PUBLIC WORKS.
b. DESIGN GUIDE FOR FLEXIBLE PAVEMENT, 2004, OF THE CARROLL COUNTY DEPARTMENT OF PUBLIC WORKS.
c. BOOK OF STANDARDS, HIGHWAY AND INCIDENTAL STRUCTURES OF THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION.
d. STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, 2008 EDITION, OF THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION.
e. MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MDMUTCD) 2009 EDITION OF THE MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION.
f. MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, 1994 EDITION, PUBLISHED JOINTLY BY WATER RESOURCES ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE.
2. ALL OF THE ABOVE NOTED PUBLICATIONS ARE INCLUDED BY REFERENCE AS PART OF THESE CONSTRUCTION PLANS.
3. THE CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTION DIVISION (410-386-2157) A MINIMUM OF THREE (3) WORKING DAYS BEFORE BEGINNING WORK.
4. CONTRACTOR SHALL FURNISH, PLACE AND MAINTAIN TRAFFIC CONTROL MEASURES AS SHOWN IN THESE PLANS AND AS SPECIFIED IN THE MDMUTCD. CONTRACTOR SHALL IMMEDIATELY REMOVE AND REPLACE DEVICES WHICH ARE DAMAGED, DO NOT FUNCTION PROPERLY, OR ARE DETERMINED BY CONSTRUCTION INSPECTOR TO BE UNSUITABLE FOR THEIR PURPOSE. TRAFFIC CONTROL DEVICES MAY BE REMOVED ONLY UPON APPROVAL OF CONSTRUCTION INSPECTOR.
5. LOCATIONS OF EXISTING UTILITIES ARE SHOWN ONLY AS NOTIFICATION TO CONTRACTOR OF THE PRESENCE OF UNDERGROUND UTILITIES. CARROLL COUNTY AND THE DESIGN ENGINEER DO NOT WARRANT OR GUARANTEE CORRECTNESS OR COMPLETENESS OF INFORMATION SHOWN. CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY AT 1-800-257-7777 FOR VERIFYING EXISTENCE AND LOCATION OF ALL UTILITIES PRIOR TO BEGINNING WORK. ANY DAMAGE TO EXISTING UTILITIES DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY BY CONTRACTOR'S EXPENSE.
6. DEVELOPER IS RESPONSIBLE IN ALL REGARDS FOR RELOCATION OF ANY EXISTING UTILITIES.
7. IN CASE OF DISCREPANCY BETWEEN SCALED AND FIGURED DIMENSIONS, FIGURED DIMENSIONS SHALL GOVERN.
8. IF FOR ANY REASON PROPOSED FACILITIES CANNOT BE CONSTRUCTED IN ACCORDANCE WITH APPROVED PLANS, CONTRACTOR MUST IMMEDIATELY INFORM CONSTRUCTION INSPECTOR OR CONSTRUCTION INSPECTION DIVISION (410-386-2157) AND SHALL NOT BEGIN OR CONTINUE WORK ON THOSE ITEMS. IF THE DEPARTMENT OF PUBLIC WORKS DETERMINES PLAN REVISIONS ARE NECESSARY, NO WORK SHALL BE PERFORMED ON THE ITEMS IN QUESTION UNTIL REVISED PLANS ISSUED BY THE DESIGN ENGINEER ARE APPROVED AND ISSUED FOR CONSTRUCTION BY THE BUREAU OF DEVELOPMENT REVIEW.
9. FAILURE TO MENTION SPECIFICALLY THE PROVISION OF ANY ITEM(S), OR PERFORMANCE OF ANY WORK OR PROCEDURE WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT, SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE SUCH ITEM(S) OR TO PERFORM SUCH WORK OR PROCEDURE.
10. CONSTRUCT EARTH FILLS FOR ROADS, EMBANKMENTS, AND STRUCTURES IN ACCORDANCE WITH SECTION 204 EMBANKMENT AND SUBGRADE OF THE MD SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS. COMPACT THE MATERIAL THAT IS 1 FOOT BELOW THE TOP OF SUBGRADE TO AT LEAST 92.8% OF MAXIMUM DRY DENSITY USING ASHTO T-180 METHOD. COMPACTION OF TOP ONE FOOT OF FILL SHALL NOT BE LESS THAN 97.0% OF MAXIMUM DRY DENSITY USING THE SAME METHOD.
11. DEVELOPER IS RESPONSIBLE FOR PROVIDING SOIL, BASE AGGREGATE AND HOT MIX ASPHALT COMPACTION TESTING. A CERTIFIED TECHNICIAN MUST BE ON-SITE AT ALL TIMES DURING THE TESTS. COMPACTION TESTS MUST BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND. COPIES OF SOIL COMPACTION TEST RESULTS MUST BE PROVIDED TO, AND APPROVED BY, THE CONSTRUCTION INSPECTION DIVISION PRIOR TO PLACEMENT OF CURBS AND/OR BASE AGGREGATE. COPIES OF BASE AGGREGATE COMPACTION TEST RESULTS MUST BE PROVIDED TO, AND APPROVED BY, THE CONSTRUCTION INSPECTION DIVISION PRIOR TO PLACEMENT OF BASE HOT MIX ASPHALT.
12. INLET GRATES IN SUMPS SHALL BE CONSTRUCTED LEVEL AT ELEVATION GIVEN IN STRUCTURE SCHEDULE. INLETS ON GRADE SHALL BE ADJUSTED SO THAT SLOPE OF GRATE MATCHES FINISHED FLOW LINE OF CURB. TOP ELEVATION SHALL APPLY TO CENTERLINE OF GRATE AT FLOW LINE OF CURB. CROSS SLOPE OF THE GRATE SHALL MATCH THE ROAD CROSS SLOPE.
13. PIPE ELEVATIONS SHOWN ON STORM DRAIN PROFILES ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED.
14. WHERE DITCH OR WATERWAY STABILIZATION MATTING OF ANY TYPE IS SPECIFIED, INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MATTING SHALL BE PLACED ON BOTTOM AND SIDE SLOPES TO PROVIDE EITHER 1' OF STABILIZED DEPTH, UNLESS OTHERWISE INDICATED ON PLANS.
15. ALL EXISTING PAVING DISTURBED BY UTILITY CUTS SHALL BE REPLACED IN ACCORDANCE WITH CARROLL COUNTY STANDARD P.L. 47, OPTION 1 OR OPTION 3 IN THE DESIGN MANUAL, VOLUME 1 OR AS NOTED IN THE UTILITY PERMIT.
16. ONCE BEGUN, ROAD CONSTRUCTION SHALL BE CONTINUED UNTIL FULL DEPTH OF AGGREGATE BASE AND PAVING AS SHOWN ON THE TYPICAL SECTION ARE PLACED, INCLUDING THE FINISHED SURFACE COURSE. AGGREGATE BASE COURSE AND HOT MIX ASPHALT BASE COURSE SHALL NOT REMAIN UNCOVERED FOR MORE THAN FIVE WORKING DAYS.
17. OFF-SITE BORROW MATERIAL TO BE IMPORTED FOR EMBANKMENT CONSTRUCTION AND SUPPORT OF PAVEMENT IS TO MEET THE MINIMUM SUBGRADE SOIL SPECIFICATIONS IN TABLE 3 OF THE DESIGN GUIDE FOR FLEXIBLE PAVEMENTS. CBR TESTING OF OFF-SITE BORROW MATERIAL SHALL BE COMPLETED AND THE TEST RESULTS SUBMITTED TO AND APPROVED BY THE BUREAU OF DEVELOPMENT REVIEW PRIOR TO DELIVERY OF THE MATERIAL. THE PAVING DESIGN SECTIONS SHOWN ON THE APPROVED PLANS SHALL BE REVIEWED AND EVALUATED USING THE CBR TESTING RESULTS OF THE BORROW MATERIAL. ANY CHANGES TO THE PAVEMENT DESIGN SECTIONS BASED ON THE CBR TEST RESULTS SHALL BE INCORPORATED THROUGH THE RED-LINE REVISION PROCESS.
18. THE DESIGN EQUIVALENT SINGLE AXLE LOADS (ESAL) AND THE DESIGN CBR VALUE SHALL BE NOTED ON THE CONSTRUCTION PLANS.
19. PERMANENT SIGNAGE AND STRIPING SHALL BE FURNISHED AND INSTALLED BY THE CARROLL COUNTY BUREAU OF ROADS OPERATIONS. CONTRACTOR SHALL NOTIFY THE BUREAU OF ROADS OPERATIONS AT 410-386-6717 A MINIMUM OF THREE (3) WEEKS PRIOR TO STARTING WORK AND THEN AGAIN 48 HOURS PRIOR TO COMPLETION OF WORK.
20. CONSTRUCTION VEHICLES, CONTRACTOR OR PRIVATE, OR CONSTRUCTION MATERIALS OR EQUIPMENT SHALL NOT BE PARKED, PLACED, OR STORED WITHIN ANY PUBLIC RIGHT-OF-WAY.

**LEGEND**

Table with 3 columns: ITEM, EXISTING, PROPOSED. Lists various construction elements like GRAVEL HATCH, TREE LINE, UTILITY POLE W/ OVERHEAD SERVICE, etc.

**CONCEPT PLAN**  
**DIXON LANE SOLAR PROJECT**  
**CARROLL COUNTY, MARYLAND**  
**CARROLL COUNTY PROJECT NO. S-23-0014**



NOTE: A BLANKET EASEMENT WILL PROVIDED FOR THE ACCESS ROAD FOR INGRESS AND EGRESS TO THE PROPERTY AND WILL BE RECORDED IN THE LAND RECORDS OF CARROLL COUNTY.

**CARROLL COUNTY PRIVATE FACILITIES CONSTRUCTED BY THE DEVELOPER STORMWATER MANAGEMENT MAINTENANCE AGREEMENT SCHEDULE**

- 1. THE STORMWATER MANAGEMENT FACILITY/FACILITIES SHOWN ON THESE PLANS SHALL BE CONSTRUCTED AND MAINTAINED BY THE OWNER(S).
2. OWNER/HIS HEIRS OR ASSIGNS SHALL BE RESPONSIBLE FOR CONTINUING MAINTENANCE OF THE FACILITY/FACILITIES, WHICH SHALL INCLUDE SUCH ITEMS AS MOWING, CLEANING, AND REMOVING SEDIMENT, TREES, SHRUBS AND DEBRIS. REQUIREMENTS AND SCHEDULES FOR SPECIFIC TYPES OF FACILITIES AND PRACTICES AS LISTED ON THE PLANS ARE HEREBY INCLUDED. THE TIME PERIOD FOR THIS CONTINUING MAINTENANCE SHALL BE ON "AS-NEEDED" BASIS BUT SHALL NOT BE DELAYED LONGER THAN THIRTY (30) DAYS.
3. OWNER, HIS HEIRS OR ASSIGNS SHALL BE RESPONSIBLE FOR ANY STRUCTURAL DAMAGES OR FAILURE WHICH MAY OCCUR AS A RESULT OF NEGLIGENCE, ACCIDENT OR MISUSE. IN THE EVENT OF STRUCTURAL DAMAGE, OWNER SHALL BE RESPONSIBLE TO MAKE THE NECESSARY REPAIRS AS QUICKLY AS POSSIBLE BUT IN ANY CASE WITHIN THIRTY (30) DAYS.
4. IF AFTER NOTICE BY THE COUNTY/TOWNSHIP TO CORRECT A VIOLATION REQUIRING MAINTENANCE WORK, SATISFACTORY CORRECTIONS ARE NOT MADE BY THE OWNER(S) WITHIN (30) DAYS THE COUNTY/TOWNSHIP MAY PERFORM ALL NECESSARY WORK TO PLACE THE FACILITY IN PROPER WORKING CONDITION, THE OWNERS OF THE FACILITY SHALL BE ASSESSED THE COST OF THE WORK AND ANY PENALTIES. THESE MONIES SHALL BE COLLECTED FROM A BOND, WHICH THE DEVELOPER IS REQUIRED TO POST WITH THE COUNTY/TOWNSHIP TO COVER SUCH EXPENSES UNTIL "COMPLETION OF THE FACILITY". "COMPLETION OF THE FACILITY" IS CONSIDERED TO MEAN THAT ALL CONTRIBUTORY DRAINAGE AREAS ARE PAVED OR SUPPORTING A 2" STAND OF DENSE GRASS AND THAT THE CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT HAS INSPECTED CONSTRUCTION AND A REGISTERED PROFESSIONAL ENGINEER HAS CERTIFIED THAT THE "AS-BUILT" PLANS MEET THE PLANS AND SPECIFICATIONS FOR CONSTRUCTION. AFTER "COMPLETION OF THE FACILITY" THE MONIES MAY BE COLLECTED BY PLACING A LIEN ON THE PROPERTY, OR BY INCLUDING THE COSTS AND PENALTIES ON THE PROPERTY TAX BILL AND COLLECTING THEM AS ORDINARY TAXES BY THE COUNTY/TOWNSHIP.
5. OWNERS SHALL GRANT RIGHT OF ENTRY TO AUTHORIZED COUNTY/TOWNSHIP PERSONNEL FOR PURPOSES OF INSPECTION MONITORING AND/OR REPAIR. SITE VISITS FOR INSPECTION AND/OR MONITORING SHALL BE CONDUCTED ONLY DURING NORMAL COUNTY WORKING HOURS (8:00 A.M. TO 5:00 P.M. MONDAY - FRIDAY).
6. THIS AGREEMENT INCLUDING RIGHT-OF-ENTRY FOR INSPECTION/MAINTENANCE AND REPAIR SHALL BE RECORDED IN THE LAND RECORDS OF THE COUNTY.

**SHEET INDEX**

Table listing sheet numbers and titles: 1 of 19 COVER SHEET, 2 of 19 EXISTING CONDITIONS PLAN, etc.

**OWNER/DEVELOPER**

I/WE CERTIFY THAT THIS PLAN OF SOIL EROSION & SEDIMENT CONTROL WILL BE IMPLEMENTED TO THE FULLEST EXTENT, AND ALL STRUCTURES WILL BE INSTALLED TO THE DESIGN AND SPECIFICATIONS AS SPELLED OUT IN THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I/WE ALSO AUTHORIZE PERIODIC ON-SITE EVALUATION BY THE CARROLL SOIL CONSERVATION DISTRICT PERSONNEL AND COOPERATING AGENCIES.

Form fields for DEVELOPER, DATE, PRINTED NAME OF DEVELOPER, DEVELOPER COMPANY NAME, DEVELOPER PHONE NUMBER.

**OWNER'S CERTIFICATION**

I/WE CERTIFY THAT THIS PLAN OF SOIL EROSION & SEDIMENT CONTROL WILL BE IMPLEMENTED TO THE FULLEST EXTENT, AND ALL STRUCTURES WILL BE INSTALLED TO THE DESIGN AND SPECIFICATIONS AS SPELLED OUT IN THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN CONSTRUCTION OF THIS PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I/WE ALSO AUTHORIZE PERIODIC ON-SITE EVALUATION BY THE CARROLL SOIL CONSERVATION DISTRICT PERSONNEL AND COOPERATING AGENCIES.

Form fields for NAME(S) PRINTED, DATE, SIGNED/DATE.

**DEVELOPER/LANDOWNER'S CERTIFICATION**

I HEREBY CERTIFY THAT ALL PROPOSED WORK SHOWN ON THESE CONSTRUCTION DRAWING(S) WILL BE CONDUCTED IN STRICT ACCORDANCE WITH THESE PLANS. I ALSO UNDERSTAND THAT IT IS MY RESPONSIBILITY TO HAVE THE CONSTRUCTION SUPERVISED AND CERTIFIED, INCLUDING THE SUBMITTAL OF "AS-BUILT" PLANS CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR, AS APPROPRIATE, WITHIN THIRTY (30) DAYS OF COMPLETION OF WORK ON THE STORMWATER MANAGEMENT FACILITY/FACILITIES. I ALSO CERTIFY THAT THIS/THese STORMWATER MANAGEMENT FACILITY/FACILITIES WILL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR, AS APPROPRIATE, IN ACCORDANCE WITH SECTIONS § 151.095 AND § 151.096 OF THE CODE OF PUBLIC LOCAL LAWS AND ORDINANCES OF CARROLL COUNTY.

Form fields for SIGNATURE, DATE.

**SITE INFORMATION**

- 1. SITE NAME: DIXON LANE SOLAR PROJECT
2. SITE ADDRESS: DIXON LANE, ELDERSBURG, MD 21102
3. DEVELOPER: DIXON LANE SOLAR, LLC c/o STANDARD SOLAR, INC. 530 GAITHER ROAD, SUITE 900 ROCKVILLE, MD 20850
4. SITE OWNER: COUNTY COMMISSIONERS OF CARROLL COUNTY 225 N CENTER STREET WESTMINSTER, MD 21157
5. GEOGRAPHIC COORDINATES: LATITUDE: 39°25'45.11" N LONGITUDE: 76°59'5.73" W
6. TAX MAP: 68
7. PARCELS: 484
8. DEED BOOK/PAGE: 2916/745
9. PARCEL AREA: 38.59 ACRES ±
10. LAND USE: EXISTING: FARMING OPERATION PROPOSED: PHOTOVOLTAIC SOLAR ARRAY
11. ARRAY AREA: 8.44 ACRES ±
12. LIMITS OF DISTURBANCE: 10.83 ACRES ±
13. JURISDICTION: CARROLL COUNTY EMPLOYMENT CAMPUS DISTRICT
14. ZONE: \*X\* AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN
15. BULK REQUIREMENTS: § 158.081 EC EMPLOYMENT CAMPUS DISTRICT (L) ESTABLISHED AT THE TIME OF SITE PLAN APPROVAL
16. MINIMUM YARD AND SETBACK REQUIREMENTS: § 158.153 SOLAR ENERGY GENERATING SYSTEMS. (C)(5)(a) SEG(S) IN EMPLOYMENT CAMPUS DISTRICTS: FRONT: 200 FEET (NON-RESIDENTIAL) REAR: 200 FEET (NON-RESIDENTIAL) SIDE: \*50% SETBACK RELIEVE REQUESTED PER CODE § 158.153 SEGS (C)(5)(b) (C)(5)(b) THE PLANNING COMMISSION MAY REDUCE REQUIRED SETBACK FOR ANY YARD SETBACK BY UP TO 50% PROVIDED THAT SUPPLEMENTAL LANDSCAPING, AS MAY BE DETERMINED BY THE PLANNING COMMISSION, IS PROVIDED. \*NOTE: A REDUCTION IN SETBACK IS BEING REQUESTED ON THE EAST AND NORTHERN PROPERTY LINES DUE TO SITE RESTRICTION AS A RESULT OF THE NARROW CONFIGURATION OF THE PARCEL.
13. FLOOD ZONE DETERMINATION: FIRM MAP: 24013C031D EFFECTIVE DATE: OCTOBER 2, 2015 FIRM ZONE: \*X\* AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN
14. WATER AND SEWER NOT PROPOSED FOR THE SITE.

**GENERAL NOTES**

- 1. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 THREE WORKING DAYS PRIOR TO BEGINNING ANY WORK IN THE VICINITY OF EXISTING UTILITIES.
2. THE CONTRACTOR SHALL NOTE THAT IN CASE OF A DISCREPANCY BETWEEN THE SCALED AND FIGURED DIMENSIONS SHOWN ON THESE PLANS, THE FIGURED DIMENSIONS SHALL GOVERN.
3. LANDSCAPING TO BE IN ACCORDANCE WITH THE CARROLL COUNTY LANDSCAPING REQUIREMENTS FOR COMMUNITY SOLAR ENERGY GENERATING SYSTEM (CEGS).
4. THERE WILL BE NO USE, TRANSFER, OR STORAGE OF HAZARDOUS/REGULATED SUBSTANCES ON SITE.
5. THE SUBJECT PROPERTY LIES WITHIN THE "EC" EMPLOYMENT CAMPUS ZONING DISTRICT.
6. THE SITE IS LOCATED WITHIN THE SURFACE WATER PROTECTION AREA.
7. THE SUBJECT PROPERTY IS PARTIALLY IN A SURFACE WATER MANAGEMENT ZONE.
8. THIS SITE NOT IS LOCATED IN A AQUIFER PROTECTION AREA.
9. THIS SITE IS LOCATED IN A TIER II WATERSHED.
10. THE SUBJECT PROPERTY LIES WITHIN THE FREEDOM DESIGNATED GROWTH AREA (DGA).
11. THE SUBJECT PROPERTY LIES WITHIN THE FREEDOM PRIORITY FUNDING AREA (PFA).
12. THE PROPERTY IS LOCATED WITHIN THE FREEDOM WATER SERVICE AREA IN THE EXISTING (W-1) SERVICE CATEGORY AND FREEDOM SEWER SERVICE AREA IN THE PRIORITY (S-3) SERVICE CATEGORY.
13. A "STORMWATER MANAGEMENT EASEMENT AND MAINTENANCE AGREEMENT" IS TO BE GRANTED TO CARROLL COUNTY AS AN EASEMENT OF ACCESS TO CARROLL COUNTY FOR AUTHORIZED REPRESENTATIVES BY A DEED INTENDED TO BE RECORDED SIMULTANEOUSLY HERewith.
14. PLANNED NEIGHBORHOOD CONNECTION CENTURY ROAD SHOWN AS PROTRACTED FROM THE 2024 TRANSPORTATION MASTER PLAN (P.45).
15. A BLANKET EASEMENT WILL PROVIDED FOR THE ACCESS ROAD FOR INGRESS AND EGRESS TO THE PROPERTY AND WILL BE RECORDED IN THE LAND RECORDS OF CARROLL COUNTY.
16. THE SITE WILL ONLY PRODUCE ON AVERAGE 10-12 TRIPS PER YEAR (0.03 TRIPS PER DAY).

**CARROLL SOIL CONSERVATION DISTRICT**

THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE CARROLL SOIL CONSERVATION DISTRICT.

APPROVED \_\_\_\_\_ CARROLL S.C.D./DATE \_\_\_\_\_

**CARROLL COUNTY PLANNING & ZONING COMMISSION**

I HEREBY CERTIFY THAT ALL PROPOSED WORK SHOWN ON THESE CONSTRUCTION DRAWING(S) WILL BE CONDUCTED IN STRICT ACCORDANCE WITH THESE PLANS. I ALSO UNDERSTAND THAT IT IS MY RESPONSIBILITY TO HAVE THE CONSTRUCTION SUPERVISED AND CERTIFIED, INCLUDING THE SUBMITTAL OF "AS-BUILT" PLANS CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR, AS APPROPRIATE, WITHIN THIRTY (30) DAYS OF COMPLETION OF WORK ON THE STORMWATER MANAGEMENT FACILITY/FACILITIES. I ALSO CERTIFY THAT THIS/THese STORMWATER MANAGEMENT FACILITY/FACILITIES WILL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR, AS APPROPRIATE, IN ACCORDANCE WITH SECTIONS § 151.095 AND § 151.096 OF THE CODE OF PUBLIC LOCAL LAWS AND ORDINANCES OF CARROLL COUNTY.

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

**CARROLL COUNTY HEALTH DEPARTMENT**

BY \_\_\_\_\_ DATE \_\_\_\_\_

BECKER MORGAN GROUP ARCHITECTURE ENGINEERING Delaware 309 South Governors Avenue Dover, DE 19904 302.734.7950 The Tower at STAR Campus 100 Discovery Boulevard, Suite 102 Newark, DE 19713 302.369.3700 Maryland 312 West Main Street, Suite 300 Salisbury, MD 21801 410.546.9100 North Carolina 3333 Jaeckle Drive, Suite 120 Wilmington, NC 28405 910.341.7600 www.beckermorgan.com

Professional Engineer Seal for William A. Johnson, License Number 30331, Expiration Date 09/23/24.

PROJECT TITLE: DIXON LANE SOLAR PROJECT DIXON LANE ELDERSBURG CARROLL COUNTY, MD FOURTEENTH ELECTION DISTRICT

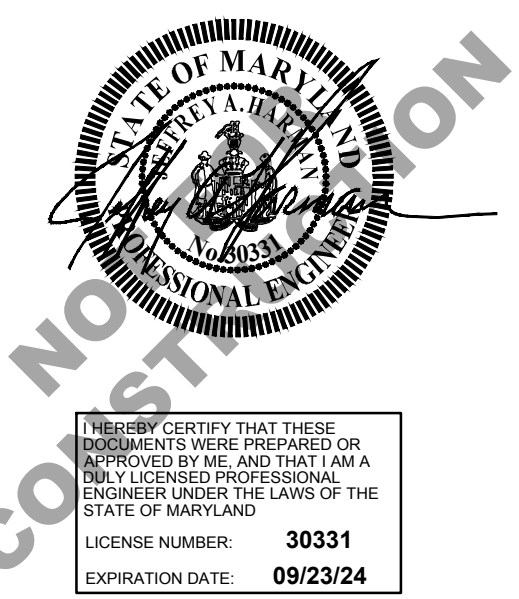
**CONCEPT**

**COVER SHEET**

Scale: 1" = 200'. Includes graphic scale bar and issue block table.

Issue Block table with columns for MARK, DATE, DESCRIPTION. Includes PROJECT NO.: 2024034.00, DATE: 05/13/2024, SCALE: 1" = 200', DRAWN BY: E.H.H., PROJ. MGR.: E.H.H., SHEET 1 OF 19.

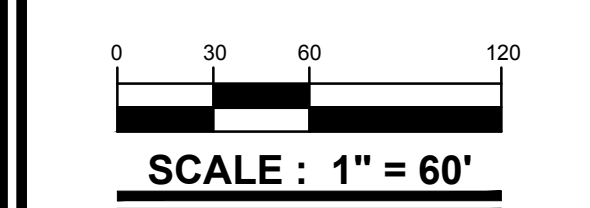




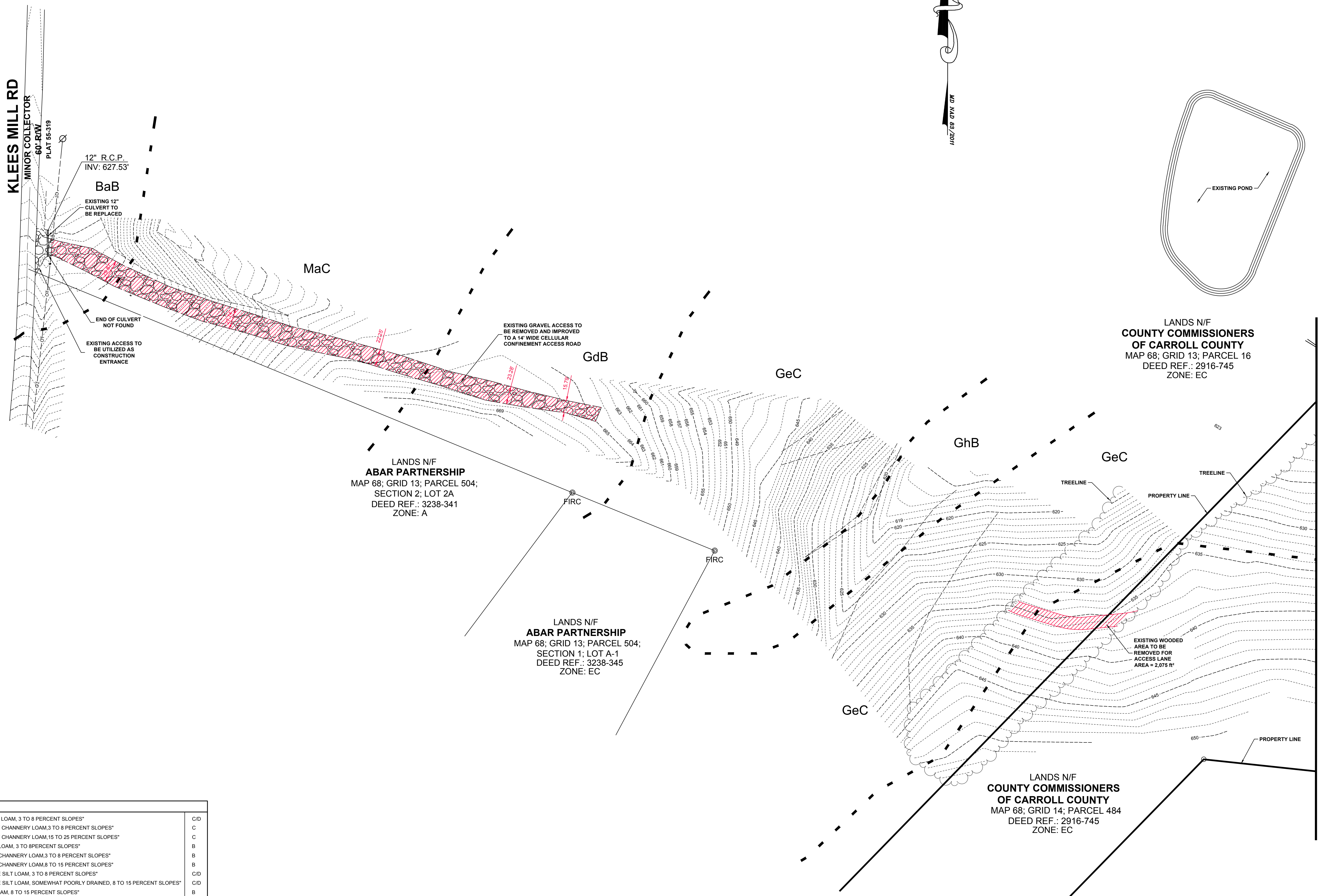
PROJECT TITLE  
**DIXON LANE SOLAR PROJECT**  
 DIXON LANE  
 ELDERSBURG  
 CARROLL COUNTY, MD  
 FOURTEENTH ELECTION DISTRICT

**CONCEPT**

SHEET TITLE  
**EXISTING CONDITIONS PLAN**



MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	
LAYER STATE	2	
<b>PROJECT NO.:</b>		2024034.00
<b>DATE:</b>		05/13/2024
<b>SCALE:</b>		1" = 60'
<b>DRAWN BY:</b>		E.H.H.   <b>PROJ. MGR.:</b> E.H.H.

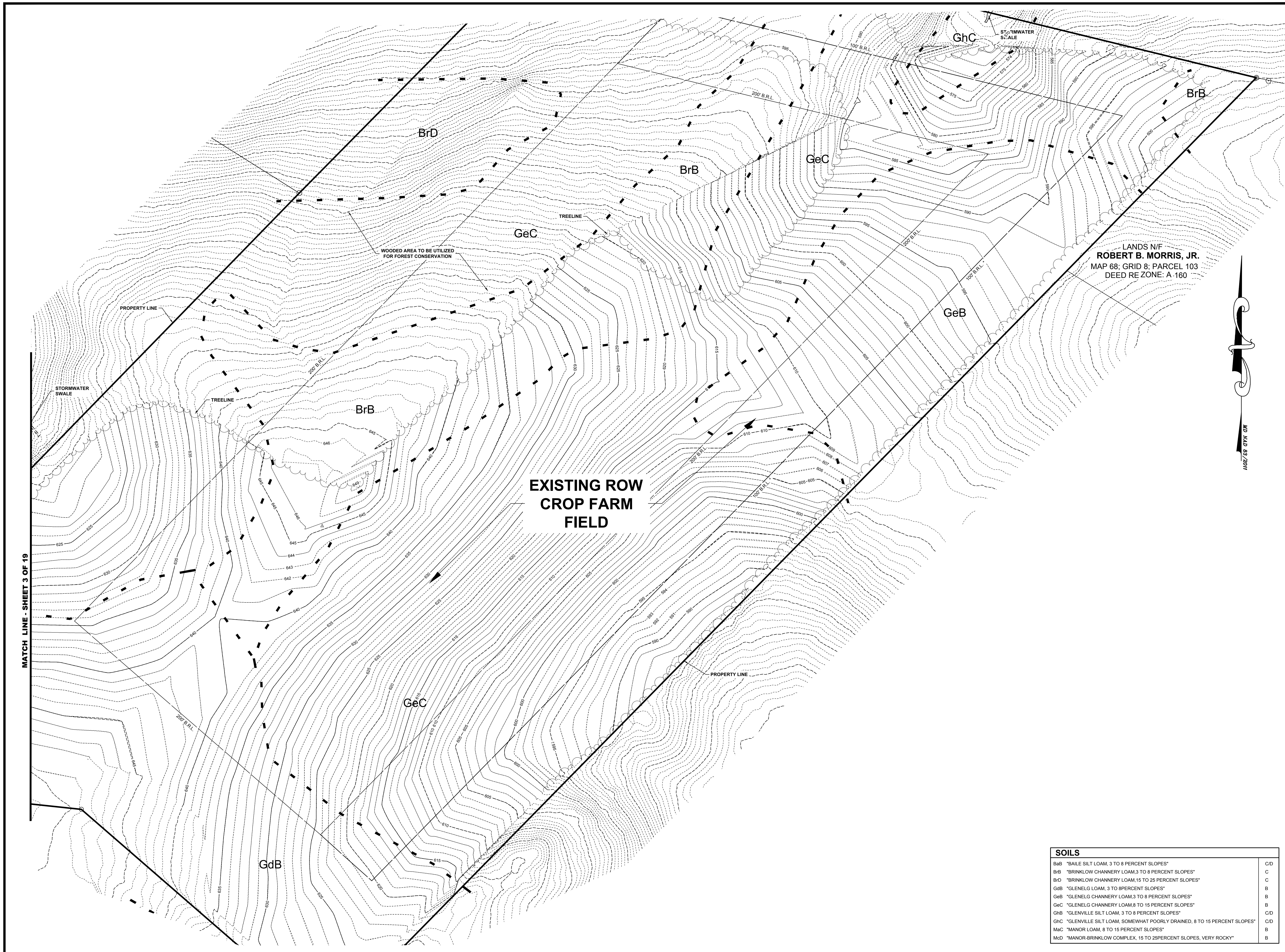


SOILS	C/D
BaB "BAILE SILT LOAM, 3 TO 8 PERCENT SLOPES"	C/D
BrB "BRINKLOW CHANNERY LOAM, 3 TO 8 PERCENT SLOPES"	C
BrD "BRINKLOW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES"	C
GdB "GLENELG LOAM, 3 TO 8 PERCENT SLOPES"	B
GeB "GLENELG CHANNERY LOAM, 3 TO 8 PERCENT SLOPES"	B
GeC "GLENELG CHANNERY LOAM, 8 TO 15 PERCENT SLOPES"	B
GhB "GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES"	C/D
GhC "GLENVILLE SILT LOAM, SOMEWHAT POORLY DRAINED, 8 TO 15 PERCENT SLOPES"	C/D
MaC "MANOR LOAM, 8 TO 15 PERCENT SLOPES"	B
McD "MANOR-BRINKLOW COMPLEX, 15 TO 25 PERCENT SLOPES, VERY ROCKY"	B

MATCH LINE - SHEET 3 OF 19

NAD 83 / 2011





LANDS N/F  
**ROBERT B. MORRIS, JR.**  
MAP 68; GRID 8; PARCEL 103  
DEED RE ZONE: A 160

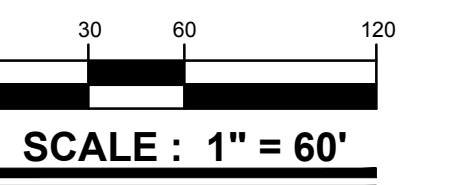


I HEREBY CERTIFY THAT THESE  
DESIGNMENTS WERE PREPARED OR  
APPROVED BY ME, AND THAT I AM A  
FULLY LICENSED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE  
STATE OF MARYLAND.  
LICENSE NUMBER: 30331  
EXPIRATION DATE: 09/23/24

PROJECT TITLE  
**DIXON LANE  
SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION  
DISTRICT

**CONCEPT**

SHEET TITLE  
**EXISTING  
CONDITIONS PLAN**



ISSUE BLOCK		
MARK	DATE	
	08/26/24	
CARROLL COUNTY		
MARK	DATE	DESCRIPTION
<b>PROJECT NO.:</b>		<b>2024034.00</b>
<b>DATE:</b>		<b>05/13/2024</b>
<b>SCALE:</b>		<b>1" = 60"</b>
<b>DRAWN BY:</b>		<b>E.H.H.</b>
<b>PROJ. MGR.:</b>		<b>E.H.H.</b>
SHEET		
<b>3 OF 19</b>		

SOILS		
BaB	"BAILE SILT LOAM, 3 TO 8 PERCENT SLOPES"	C/D
BvB	"BRINKLOW CHANNERY LOAM, 3 TO 8 PERCENT SLOPES"	C
BvD	"BRINKLOW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES"	C
GdB	"GLENELG LOAM, 3 TO 8 PERCENT SLOPES"	B
GeB	"GLENELG CHANNERY LOAM, 3 TO 8 PERCENT SLOPES"	B
GeC	"GLENELG CHANNERY LOAM, 8 TO 15 PERCENT SLOPES"	B
GhB	"GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES"	C/D
GhC	"GLENVILLE SILT LOAM, SOMEWHAT POORLY DRAINED, 8 TO 15 PERCENT SLOPES"	C/D
MaC	"MANOR LOAM, 8 TO 15 PERCENT SLOPES"	B
McD	"MANOR-BRINKLOW COMPLEX, 15 TO 25 PERCENT SLOPES, VERY ROCKY"	B

MATCH LINE - SHEET 3 OF 19

MD MAP 68, 2011

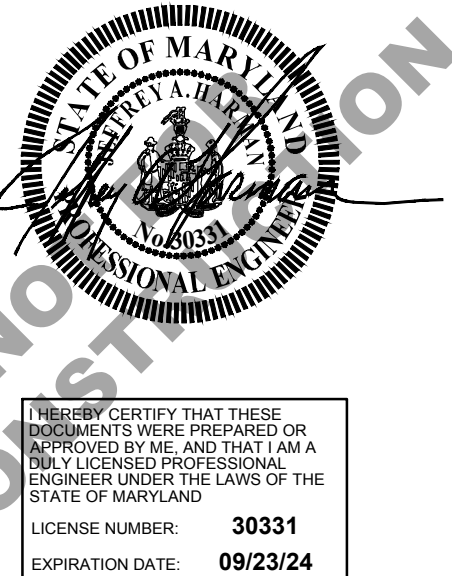








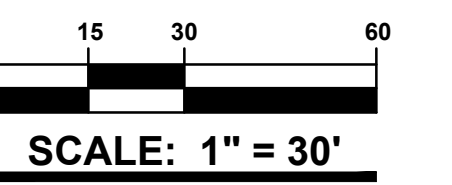




PROJECT TITLE  
**DIXON LANE SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION DISTRICT

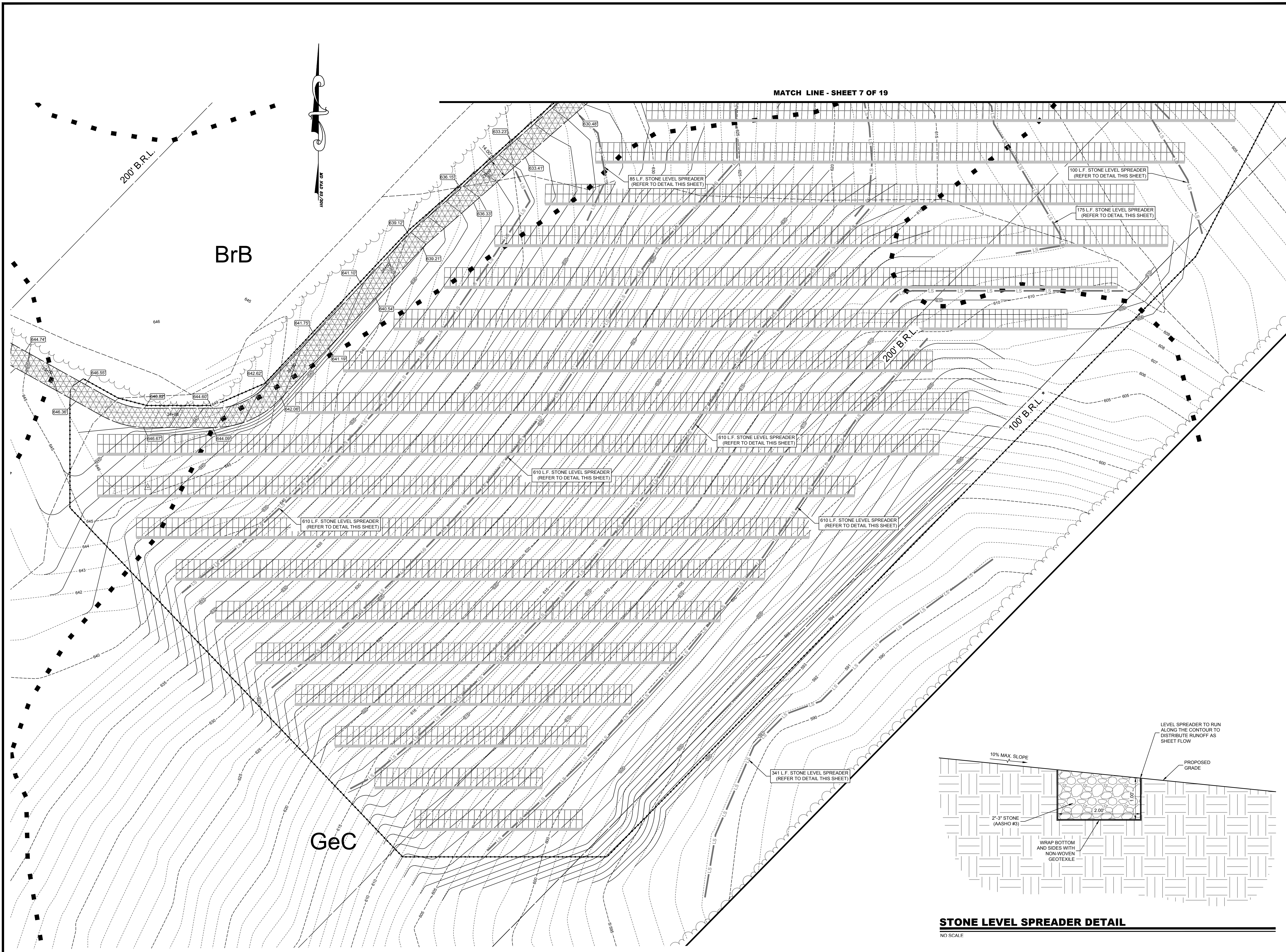
**CONCEPT**

SHEET TITLE  
**OVERALL GRADING PLAN**



MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	
	2024034.00	PROJECT NO.:
	05/13/2024	DATE:
	1" = 30'	SCALE:
	E.H.H.	DRAWN BY:
	E.H.H.	PROJ. MGR.:

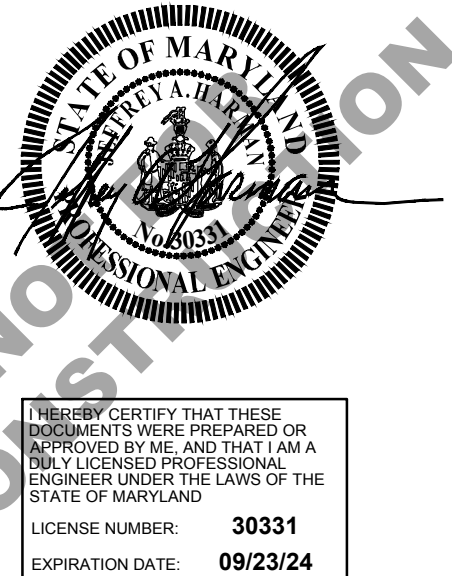
SHEET  
**6 OF 19**



**STONE LEVEL SPREADER DETAIL**

NO SCALE

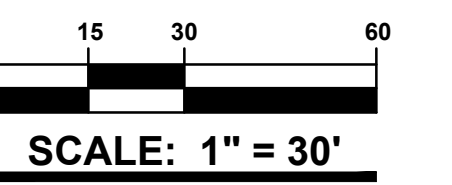




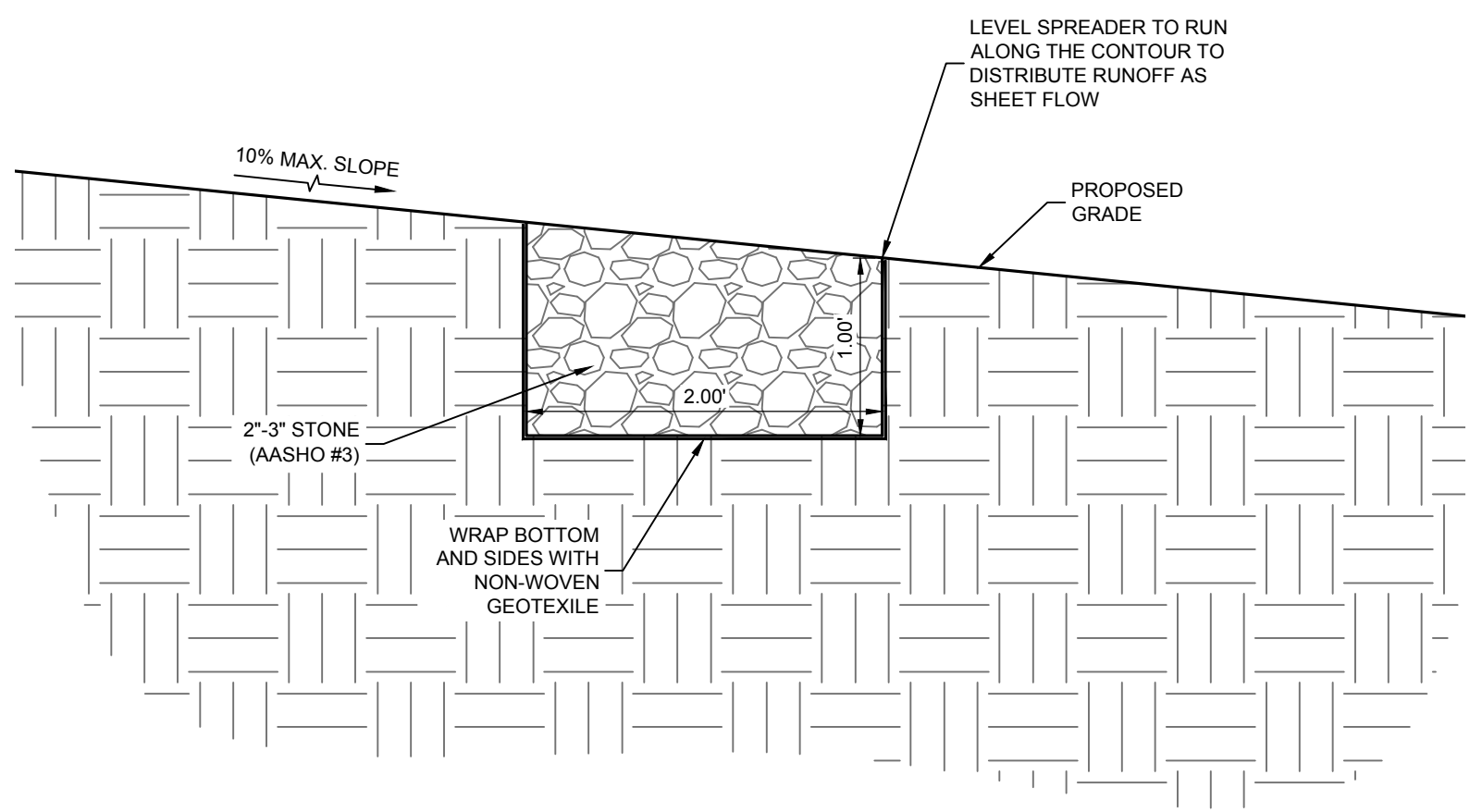
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**DIXON LANE SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION DISTRICT

**CONCEPT**

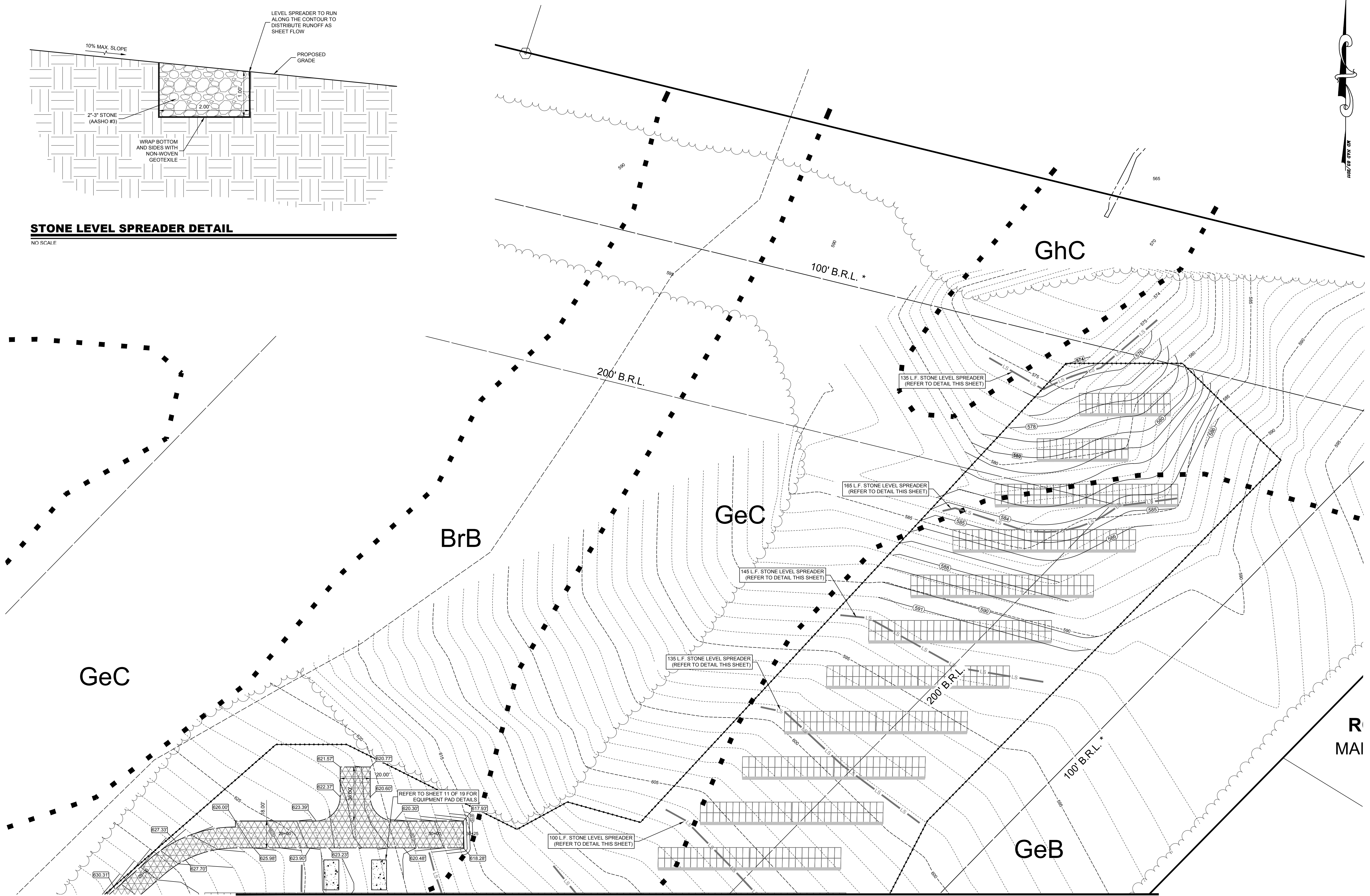
SHEET TITLE  
**OVERALL GRADING PLAN**



MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	
<b>PROJECT NO.:</b>		2024034.00
<b>DATE:</b>		05/13/2024
<b>SCALE:</b>		1" = 30'
<b>DRAWN BY:</b>		E.H.H.
<b>PROJ. MGR.:</b>		E.H.H.
<b>7 OF 19</b>		



**STONE LEVEL SPREADER DETAIL**  
NO SCALE



14864202403400 SITE-C3021.dwg Oct 04, 2024 - 5:17pm









I HEREBY CERTIFY THAT THESE  
DESIGNMENTS WERE PREPARED OR  
APPROVED BY ME AND THAT I AM A  
FULLY LICENSED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE  
STATE OF MARYLAND.  
LICENSE NUMBER: 30331  
EXPIRATION DATE: 09/23/24

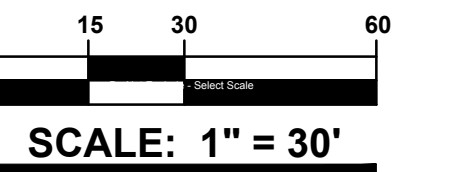
PROJECT TITLE

**DIXON LANE  
SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION  
DISTRICT

**CONCEPT**

SHEET TITLE

**ACCESS DRIVE  
GRADING PLAN**



ISSUE BLOCK

MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	

PROJECT NO.: 2024034.00

DATE: 05/13/2024

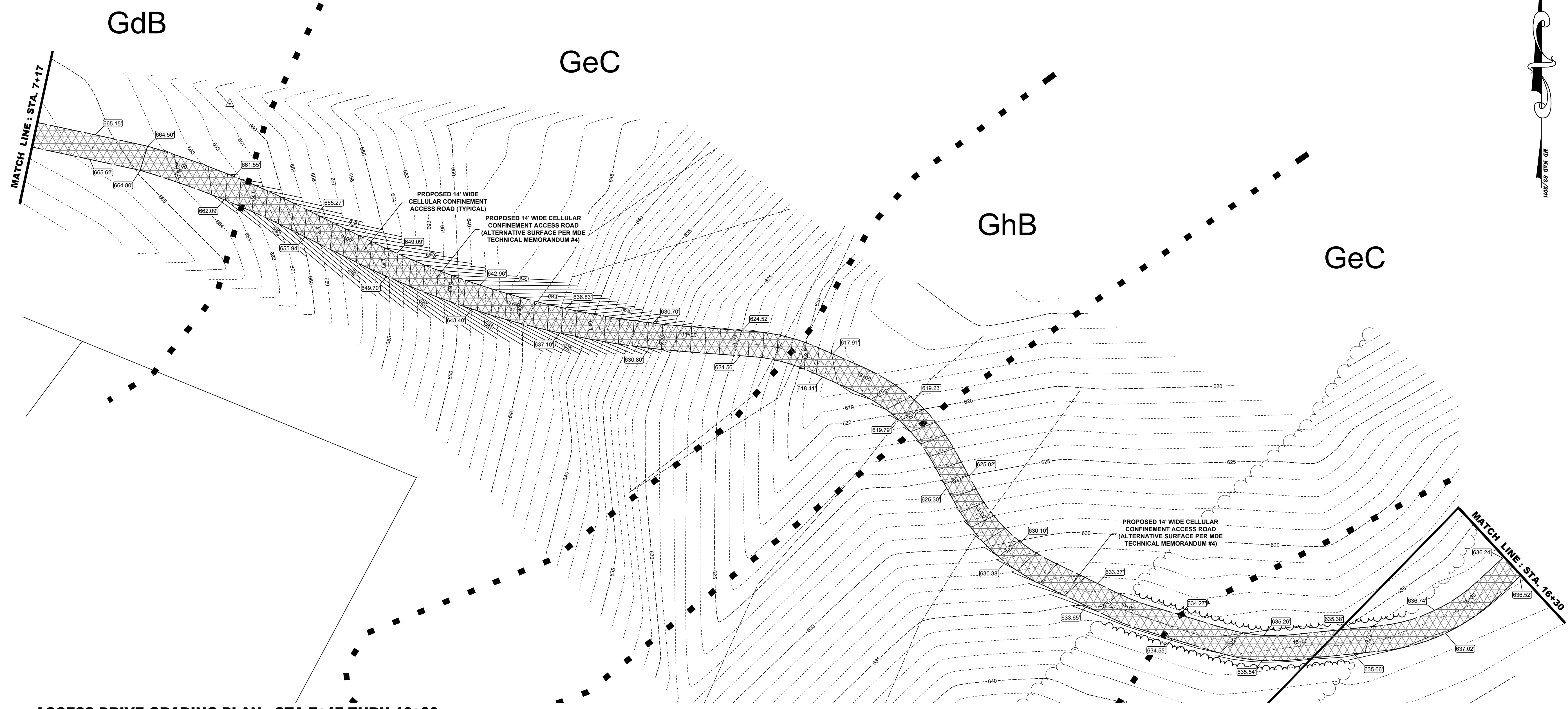
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DRAWN BY: E.H.H. | PROJ. MGR.: E.H.H.

SHEET

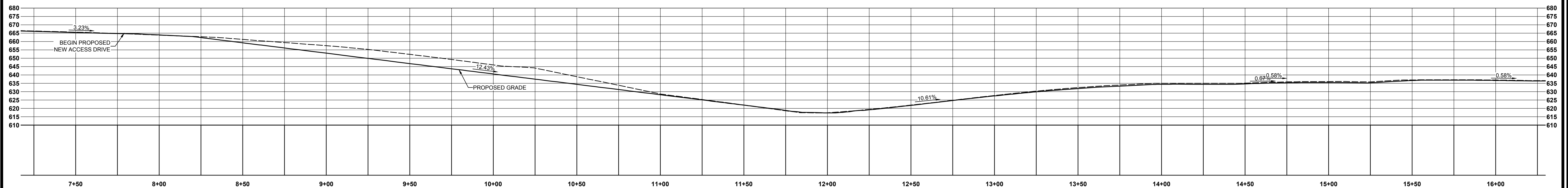
**9 OF 19**

CARROLL COUNTY FILE NO. S-23-0014 COPYRIGHT 2024



**ACCESS DRIVE GRADING PLAN : STA 7+17 THRU 16+30**

SCALE: 1" = 30'



**ACCESS DRIVE PROFILE : STA 7+17 THRU 16+30**

SCALE: 1" = 30'





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APPROVED BY ME AND THAT I AM A  
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ENGINEER UNDER THE LAWS OF THE  
STATE OF MARYLAND.  
LICENSE NUMBER: 30331  
EXPIRATION DATE: 09/23/24

PROJECT TITLE

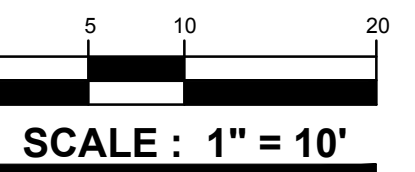
**DIXON LANE  
SOLAR PROJECT**

DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION  
DISTRICT

**CONCEPT**

SHEET TITLE

**ACCESS DRIVE  
GRADING PLAN**



ISSUE BLOCK

MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	

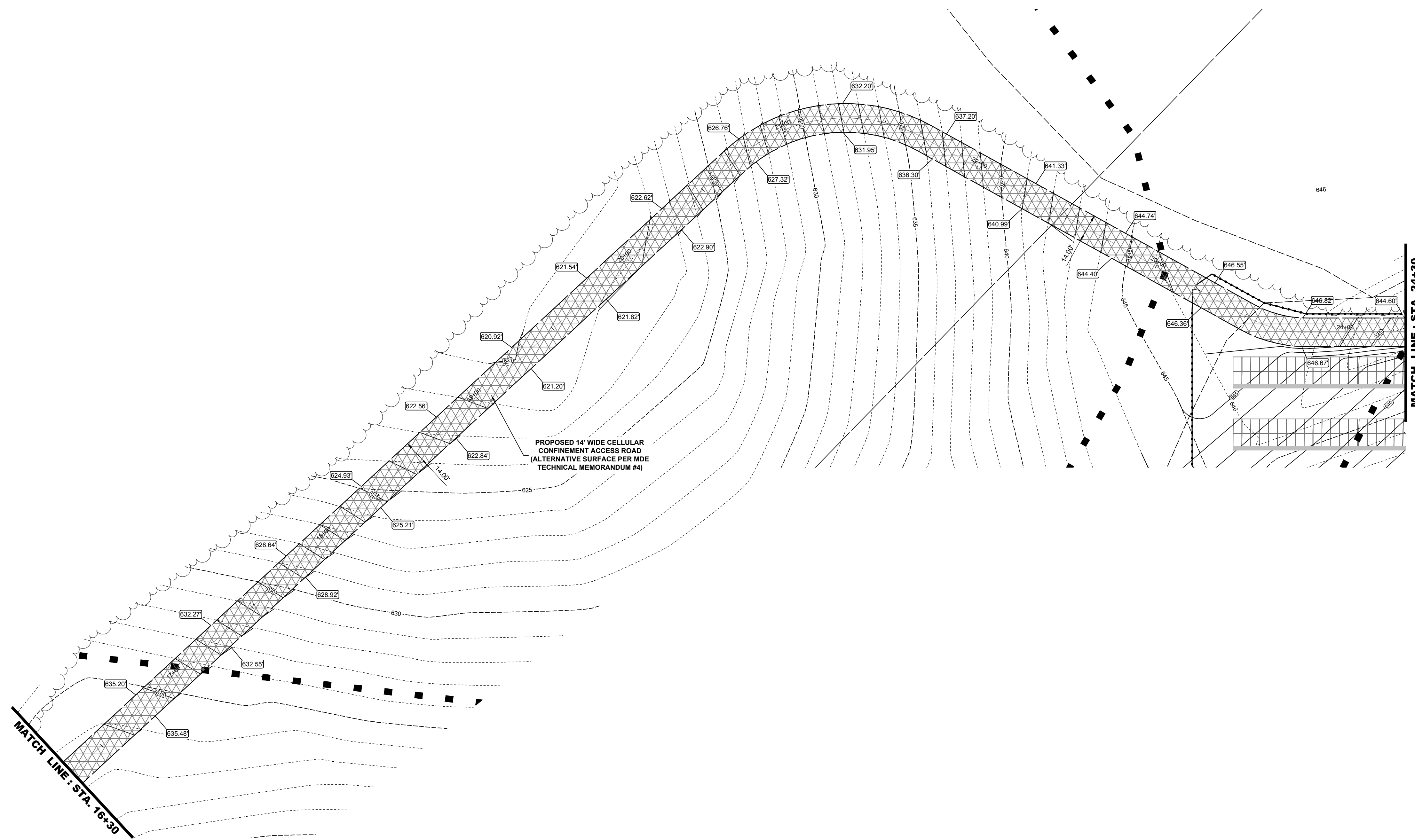
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DATE: 05/13/2024

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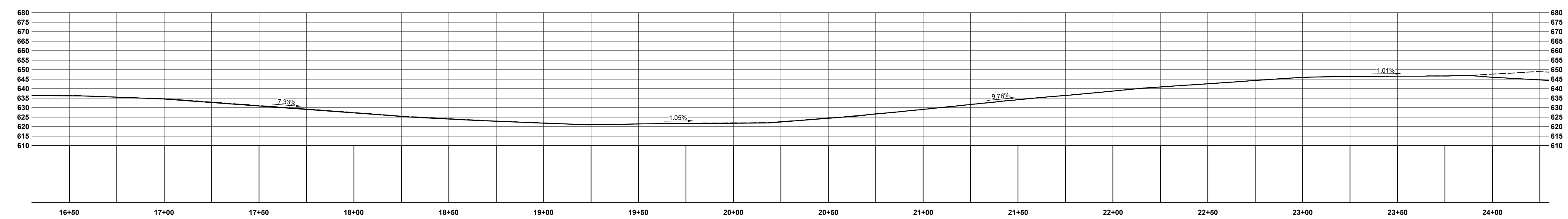
DRAWN BY: E.H.H. | PROJ. MGR.: E.H.H.

SHEET



**ACCESS DRIVE GRADING PLAN : STA 16+30 THRU 24+30**

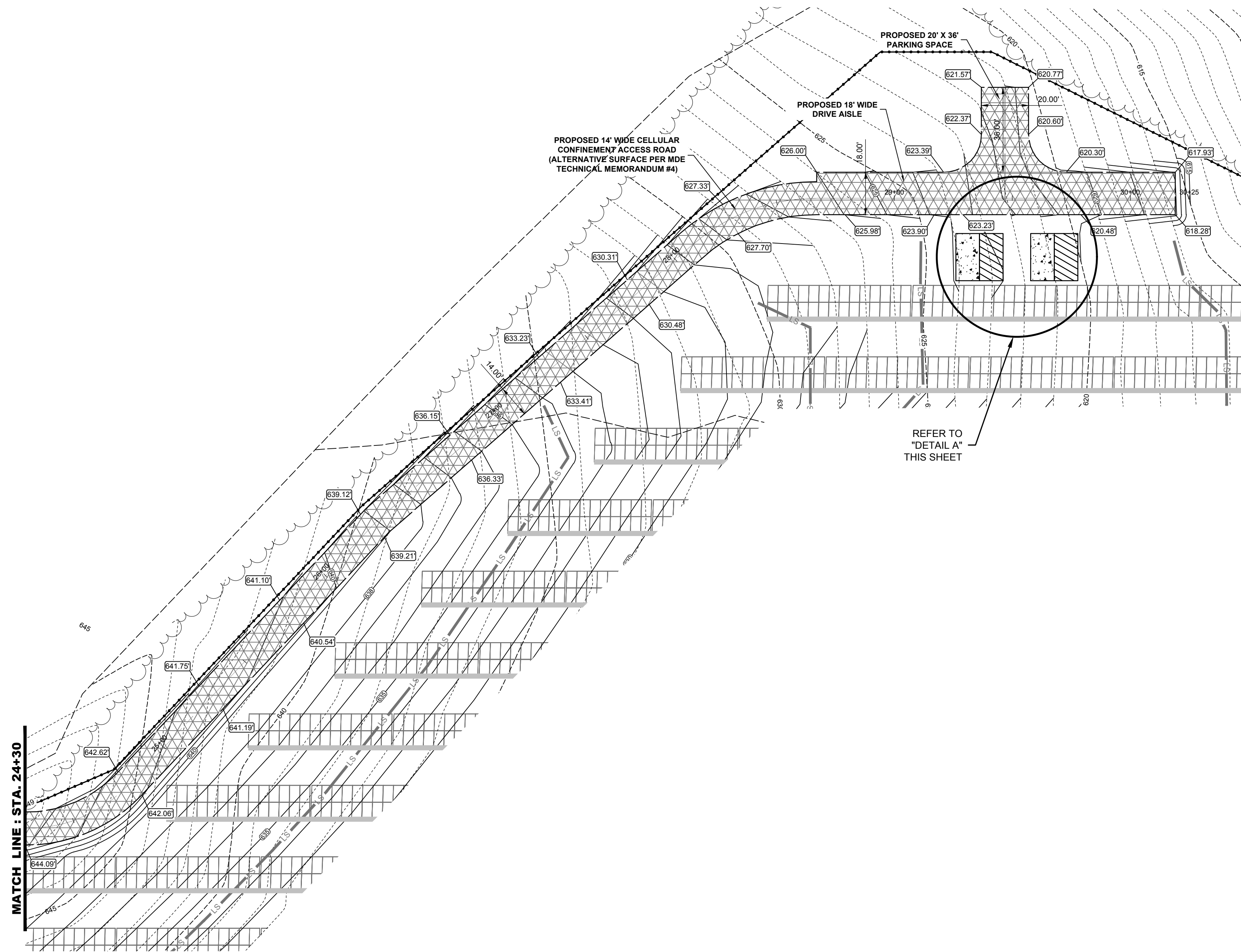
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**ACCESS DRIVE GRADING PLAN : STA 16+30 THRU 24+30**

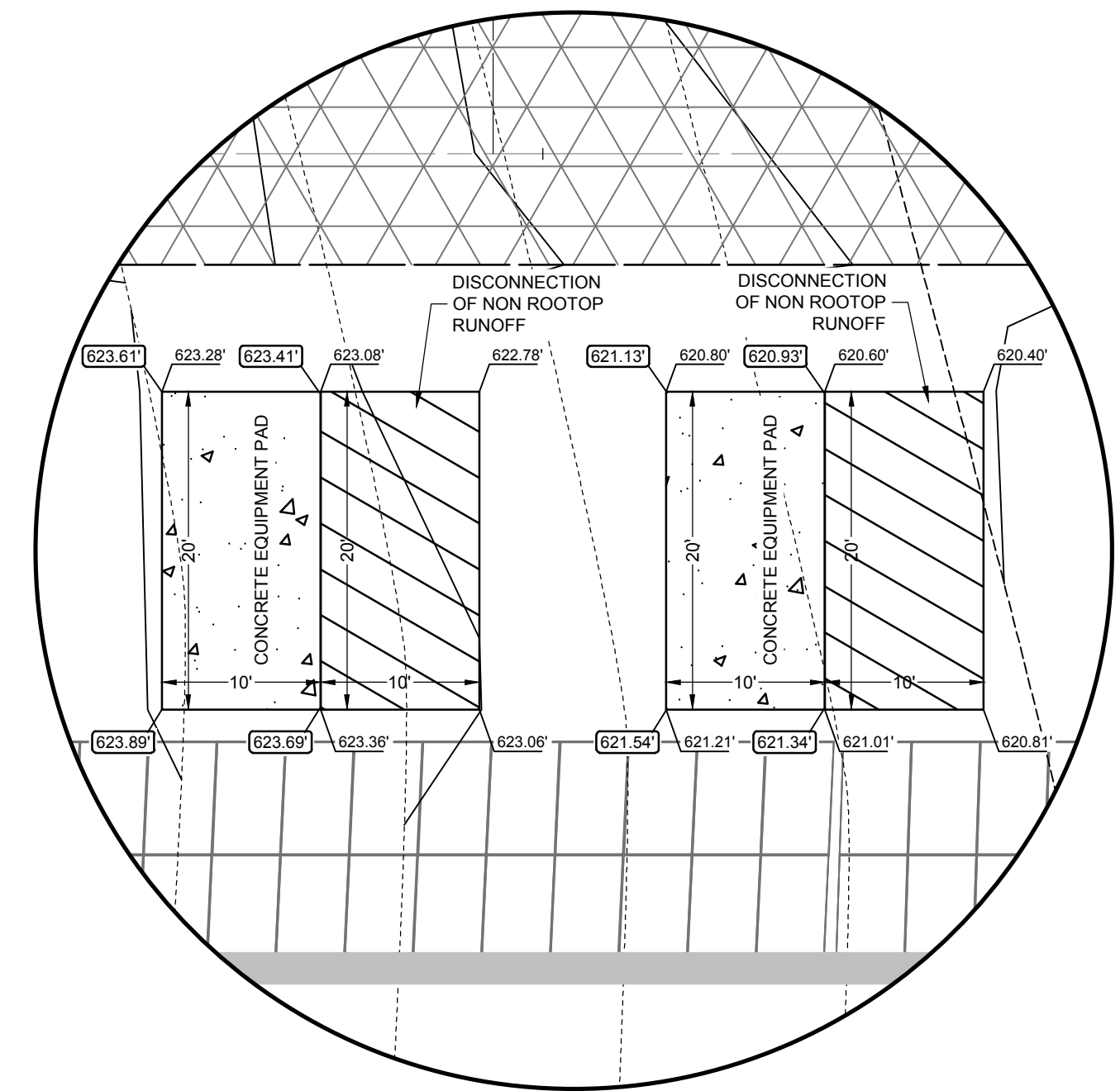
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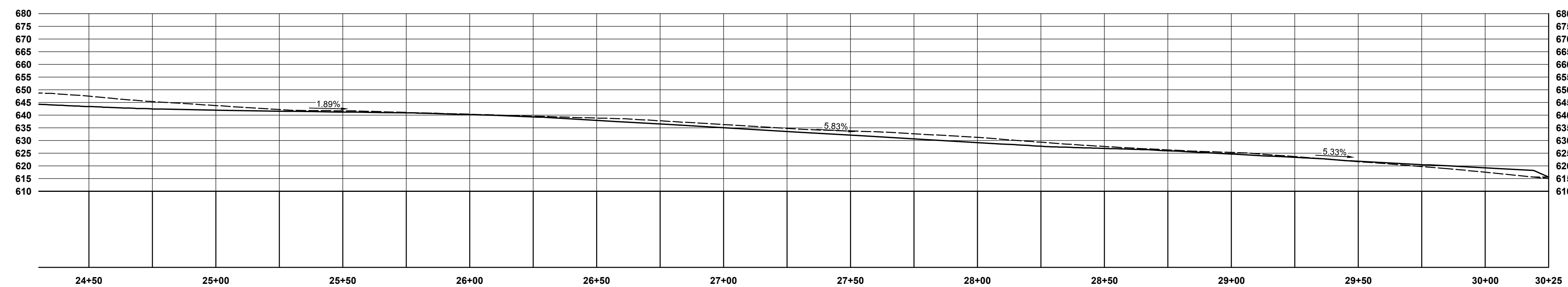
**ACCESS DRIVE GRADING PLAN : STA 24+30 THRU 22+40**

SCALE: 1" = 30'



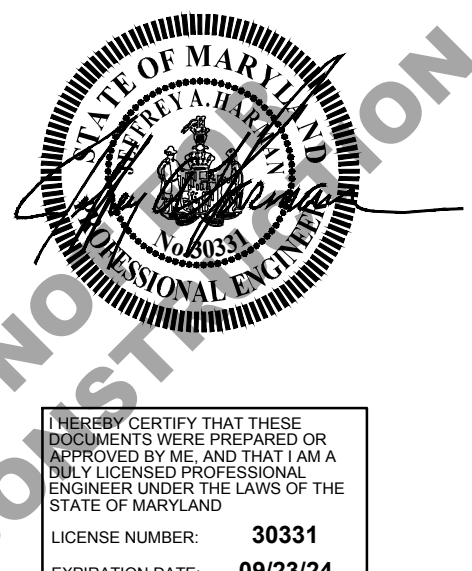
**DETAIL A**

SCALE: 1" = 30'



**ACCESS DRIVE PROFILE : STA 24+30 THRU 30+25**

SCALE: 1" = 30'



PROJECT TITLE

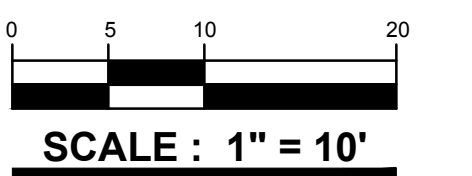
**DIXON LANE SOLAR PROJECT**

DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION  
DISTRICT

**CONCEPT**

SHEET TITLE

**EQUIPMENT PAD  
ACCESS DRIVE  
GRADING PLAN**



ISSUE BLOCK

NO.	DATE	DESCRIPTION

08/26/24 CARROLL COUNTY

MARK DATE DESCRIPTION

PROJECT NO.: 2024034.00

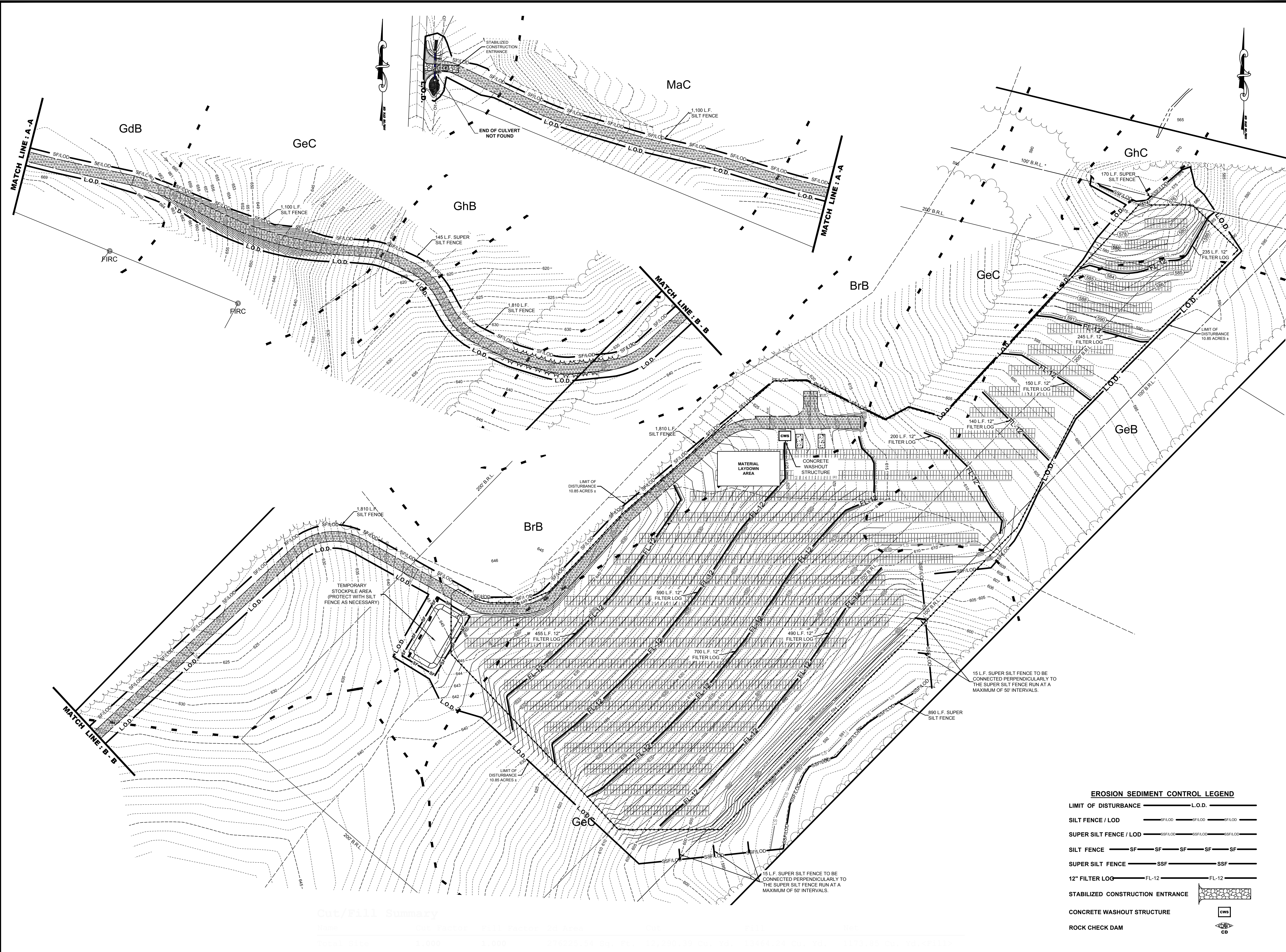
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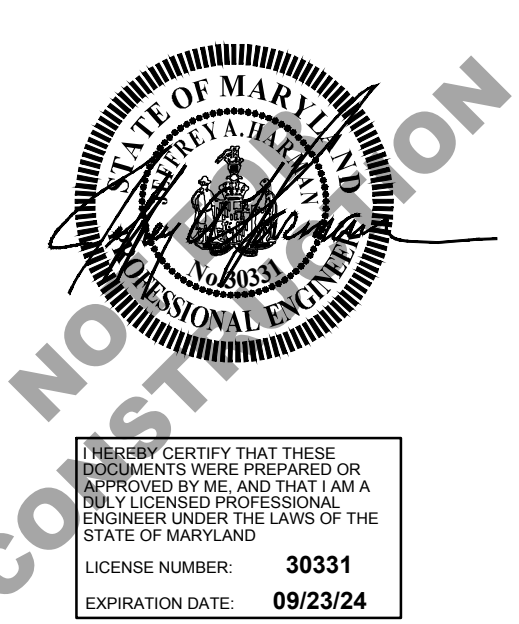
DRAWN BY: E.H.H. PROJ. MGR.: E.H.H.

SHEET





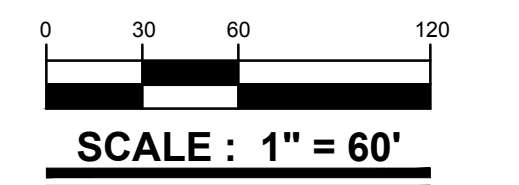
**BECKER MORGAN GROUP**  
 ARCHITECTURE ENGINEERING  
 Delaware  
 309 South Governors Avenue  
 Dover, DE 19904  
 302.734.7950  
 The Tower at STAR Campus  
 100 Discovery Boulevard, Suite 102  
 Newark, DE 19713  
 302.369.3700  
 Maryland  
 312 West Main Street, Suite 300  
 Salisbury, MD 21801  
 410.546.9100  
 North Carolina  
 3333 Jaeckle Drive, Suite 120  
 Wilmington, NC 28403  
 910.341.7600  
 www.beckermorgan.com



PROJECT TITLE  
**DIXON LANE SOLAR PROJECT**  
 DIXON LANE  
 ELDERSBURG  
 CARROLL COUNTY, MD  
 FOURTEENTH ELECTION DISTRICT

**CONCEPT**

SHEET TITLE  
**EROSION AND SEDIMENT CONTROL PLAN**

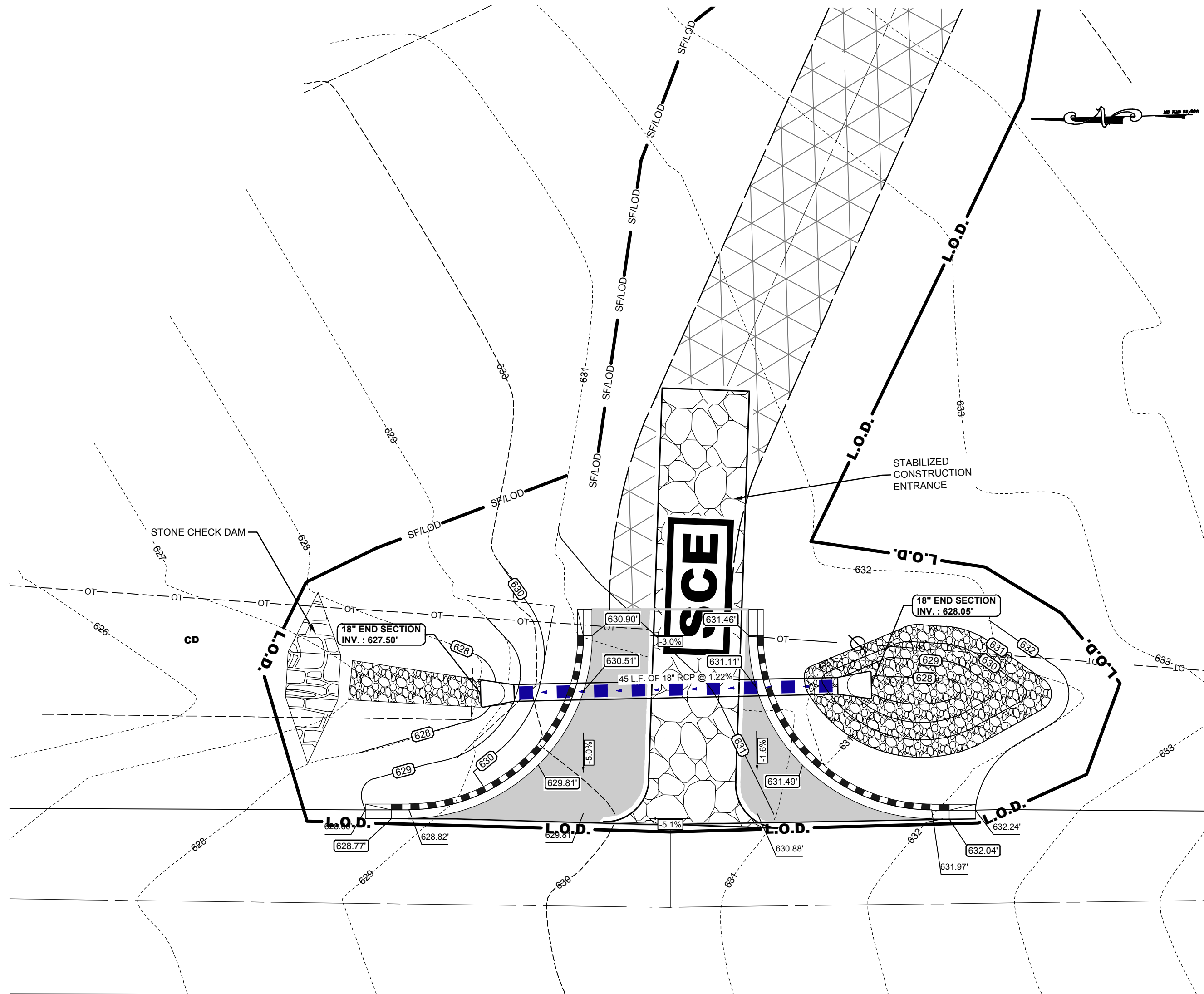


**EROSION SEDIMENT CONTROL LEGEND**

LIMIT OF DISTURBANCE	— L.O.D. —
SILT FENCE / LOD	— S.F.L.O.D. — S.F.L.O.D. —
SUPER SILT FENCE / LOD	— S.S.F.L.O.D. — S.S.F.L.O.D. —
SILT FENCE	— SF — SF — SF — SF — SF —
SUPER SILT FENCE	— SSF — SSF — SSF —
12" FILTER LOG	— FL-12 — FL-12 —
STABILIZED CONSTRUCTION ENTRANCE	
CONCRETE WASHOUT STRUCTURE	
ROCK CHECK DAM	

MARK	DATE	DESCRIPTION
08/26/24	CARROLL COUNTY	
PROJECT NO.:		2024034.00
DATE:		05/13/2024
SCALE:		1" = 60'
DRAWN BY:		E.H.H. / PROJ. MGR.: E.H.H.
SHEET		12 OF 19





**COMMERCIAL ENTRANCE E & S MEASURES**

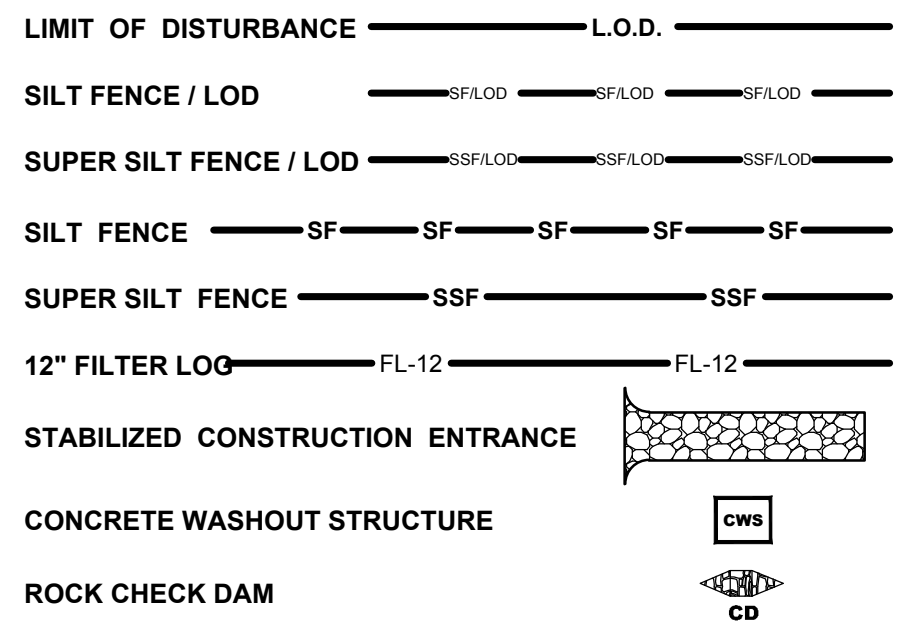
SCALE: 1" = 10'

TEMPORARY SEEDING SUMMARY						
HARDNESS ZONE (FROM FIGURE B.3): 7A SEED MIXTURE (FROM TABLE B.1)						
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)	LIME RATE
1	ANNUAL RYEGRASS	40	2/15 TO 4/30 8/15 TO 11/30	1/2"	436 lb/ac (10 lb/1000 sf)	2 ton/ac (90 lb/1000 sf)

**PERMANENT SEEDING SUMMARY (CARROLL COUNTY MEADOW POLLINATOR MIX)**

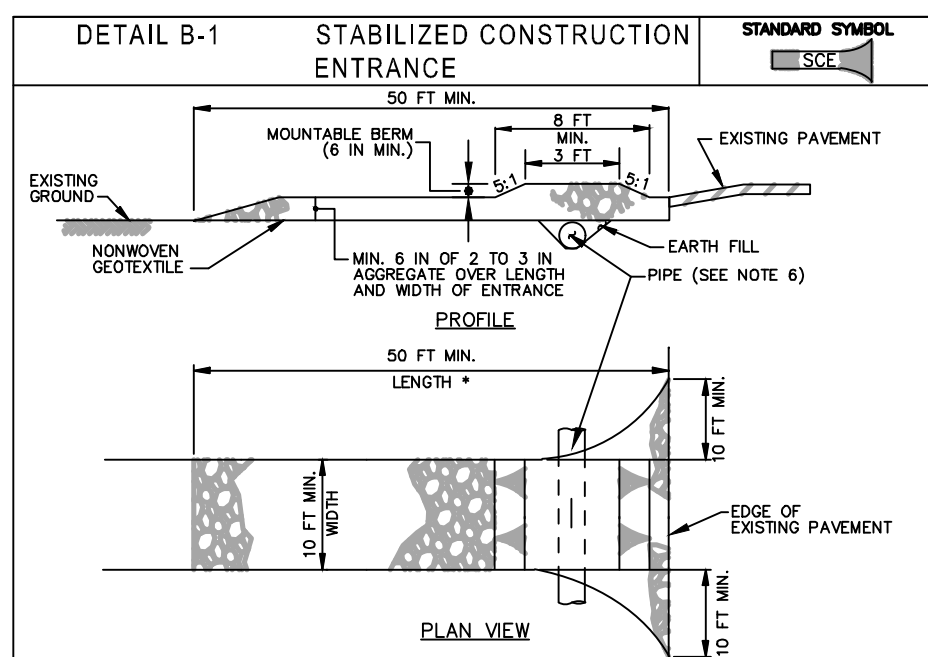
CARROLL COUNTY, MD MEADOW/POLLINATOR MIX					FERTILIZER RATE (10-20-20)			LIME RATE
NO.	SPECIES	APPLICATION RATE (lb/ac)	PRICE/LB	PERCENT	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	
8	Butterfly Milkweed, PA Ecotype	0.150	\$282.01	15.00%	45 lbs per acre (1.0 lb/1000sf)	90 lbs per acre (2.0 lb/1000sf)	90 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Calico Aster	0.010	\$621.60	1.00%	48 lbs per acre (1.0 lb/1000sf)	91 lbs per acre (2.0 lb/1000sf)	91 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Aromatic Aster, PA Ecotype	0.060	\$753.67	6.00%	47 lbs per acre (1.0 lb/1000sf)	92 lbs per acre (2.0 lb/1000sf)	92 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Heath Aster, PA Ecotype	0.050	\$271.92	5.00%	48 lbs per acre (1.0 lb/1000sf)	93 lbs per acre (2.0 lb/1000sf)	93 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Partridge Pea, PA Ecotype	0.200	\$6.32	20.00%	49 lbs per acre (1.0 lb/1000sf)	94 lbs per acre (2.0 lb/1000sf)	94 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Sensitive Pea, NC Ecotype	0.050	\$49.54	5.00%	50 lbs per acre (1.0 lb/1000sf)	95 lbs per acre (2.0 lb/1000sf)	95 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Virginia Wiktrey, PA Ecotype	3.000	\$9.00	300.00%	51 lbs per acre (1.0 lb/1000sf)	96 lbs per acre (2.0 lb/1000sf)	96 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Purple Lovegrass, Fort Indiantown N Gap-PA Ecotype	0.050	\$290.00	5.00%	52 lbs per acre (1.0 lb/1000sf)	97 lbs per acre (2.0 lb/1000sf)	97 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	White Avena, PA Ecotype	0.100	\$178.16	10.00%	53 lbs per acre (1.0 lb/1000sf)	98 lbs per acre (2.0 lb/1000sf)	98 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Oxeye Sunflower, PA Ecotype	0.250	\$30.04	25.00%	54 lbs per acre (1.0 lb/1000sf)	99 lbs per acre (2.0 lb/1000sf)	99 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Slender Lespedeza, VA Ecotype	0.010	\$195.43	1.00%	55 lbs per acre (1.0 lb/1000sf)	100 lbs per acre (2.0 lb/1000sf)	100 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Wild Bergamot, Fort Indiantown N Gap-PA Ecotype	0.060	\$103.07	6.00%	56 lbs per acre (1.0 lb/1000sf)	101 lbs per acre (2.0 lb/1000sf)	101 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Sundrops	0.020	\$328.50	2.00%	57 lbs per acre (1.0 lb/1000sf)	102 lbs per acre (2.0 lb/1000sf)	102 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Beaked Panicgrass, Eastern Shore MD Ecotype	2.330	\$45.33	233.00%	58 lbs per acre (1.0 lb/1000sf)	103 lbs per acre (2.0 lb/1000sf)	103 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Tall White Beardtongue, PA Ecotype	0.150	\$160.35	15.00%	59 lbs per acre (1.0 lb/1000sf)	104 lbs per acre (2.0 lb/1000sf)	104 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Hairy Beardtongue	0.020	\$892.00	2.00%	60 lbs per acre (1.0 lb/1000sf)	105 lbs per acre (2.0 lb/1000sf)	105 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Narrowleaf Mountainmint	0.130	\$152.38	13.00%	61 lbs per acre (1.0 lb/1000sf)	106 lbs per acre (2.0 lb/1000sf)	106 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Blackeyed Susan	0.400	\$34.33	40.00%	62 lbs per acre (1.0 lb/1000sf)	107 lbs per acre (2.0 lb/1000sf)	107 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Little Bluestem, Fort Indiantown N Gap-PA Ecotype	2.800	\$14.00	280.00%	63 lbs per acre (1.0 lb/1000sf)	108 lbs per acre (2.0 lb/1000sf)	108 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	White Goldenrod, PA Ecotype	0.040	\$247.50	4.00%	64 lbs per acre (1.0 lb/1000sf)	109 lbs per acre (2.0 lb/1000sf)	109 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Early Goldenrod, PA Ecotype	0.020	\$303.80	2.00%	65 lbs per acre (1.0 lb/1000sf)	110 lbs per acre (2.0 lb/1000sf)	110 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)
8	Gray Goldenrod, PA Ecotype	0.040	\$262.90	4.00%	66 lbs per acre (1.0 lb/1000sf)	111 lbs per acre (2.0 lb/1000sf)	111 lbs per acre (2.0 lb/1000sf)	2 ton/ac (90 lb/1000 sf)

**EROSION SEDIMENT CONTROL LEGEND**



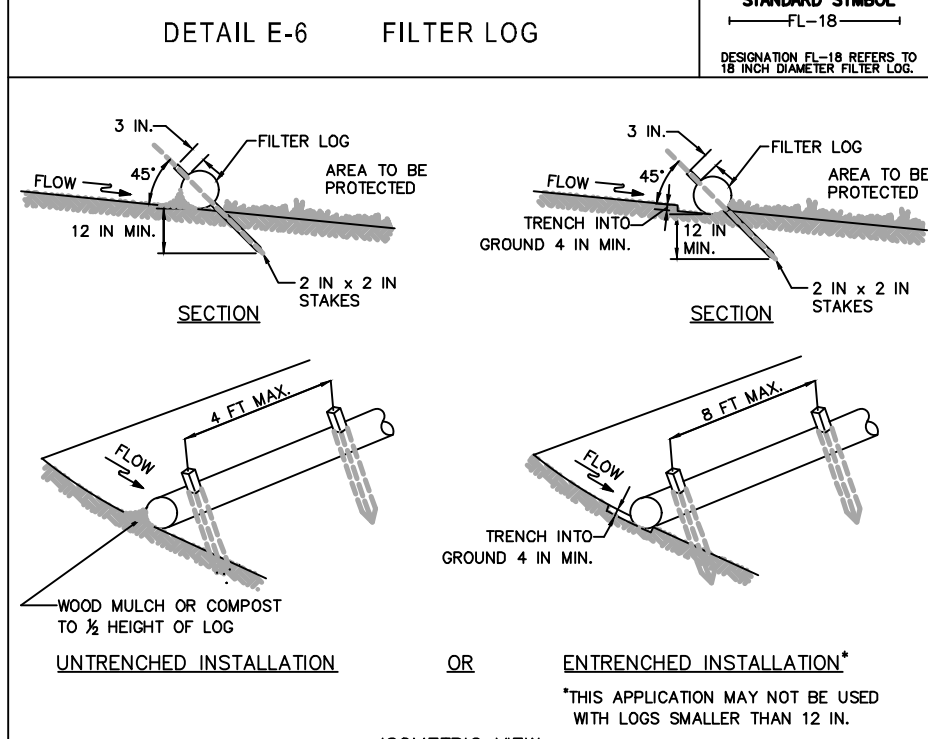
**SEQUENCE OF CONSTRUCTION**

- OBTAIN ALL REQUIRED PERMITS FROM CARROLL COUNTY.
- REQUEST MARKING OF ALL UTILITIES WITHIN THE WORK AREA TO ENSURE ALL KNOWN UTILITIES ON RECORD ARE ACCURATELY MARKED.
- SCHEDULE AND ATTEND A PRE-CONSTRUCTION MEETING (1 DAY).
- INSTALL ALL PERIMETER SEDIMENT CONTROLS (STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, ETC.).
- GRADE ACCESS ROADS TO SUB-BASE, SCARIFY, AND INSTALL CELLULAR CONFINEMENT SYSTEM WITH INFILL.
- REMOVE TOP SOIL IN AREAS TO BE GRADED AND STOCKPILE IN TOPSOIL SPECIFIC STOCKPILE AREA SHOWN ON THE PLAN. INSTALL FILTER LOGS IN LOCATION SHOWN IF BULK GRADING DOESN'T COMMENCE WITHIN 3 DAYS OF TOP SOIL REMOVAL.
- REMOVE (IF NEEDED) FILTER LOGS LOCATED WITHIN AREAS TO BE BULK GRADED BEGIN SITE GRADING. STOCKPILE AS NEEDED DURING THE GRADING OPERATION. IF SPREADING OF TOPSOIL DOESN'T COMMENCE WITHIN 3 DAY OF COMPLETION OF BULK GRADING, REINSTALL FILTER LOGS.
- REMOVE (IF NEEDED) FILTER LOGS LOCATED WITHIN AREAS WHERE TOP SOILS IS TO BE DISTRIBUTED. ONCE TOPSOILS IS SPREAD, REINSTALL FILTER LOGS AS SHOWN ON THE PLAN.
- BEGIN SOIL PREPARATION OF SITE. ADD TOP SOILING / SOIL AMENITIES (IF NEEDED).
- INSTALL TEMPORARY STABILIZATION.
- BEGIN INSTALLATION OF EQUIPMENTS PADS.
- BEGIN INSTALLATION OF SOLAR ARRAY.
- BEGIN INSTALLATION OF FENCING. FENCING INSTALLATION CAN BE DONE CONCURRENTLY WITH THE ARRAY INSTALLATION. AS THE INSTALLATION OF THE ARRAY AND FENCING PROGRESSES, INSTALL SOIL PERMANENT STABILIZATION TO THE SITE. REFER TO THE "MEADOW UNDER THE ARRAY" MAINTENANCE AND INSPECTION CHART. THE CARROLL COUNTY SEED MIX IS TO BE INSTALLED ON ALL DISTURBED AREAS AND WITHIN THE FENCED AREAS.
- ONCE THE SITE CONSTRUCTION IS COMPLETE AND THE SITE IS A MINIMUM 85% STABILIZED, INSTALL LEVEL SPREADERS AS SHOWN ON PLAN. REFER TO MAINTENANCE AND INSPECTION CHART.
- SEDIMENT CONTROLS MAY BE REMOVED UPON APPROVAL OF THE CARROLL COUNTY SOIL CONSERVATION DISTRICT'S SITE INSPECTOR.

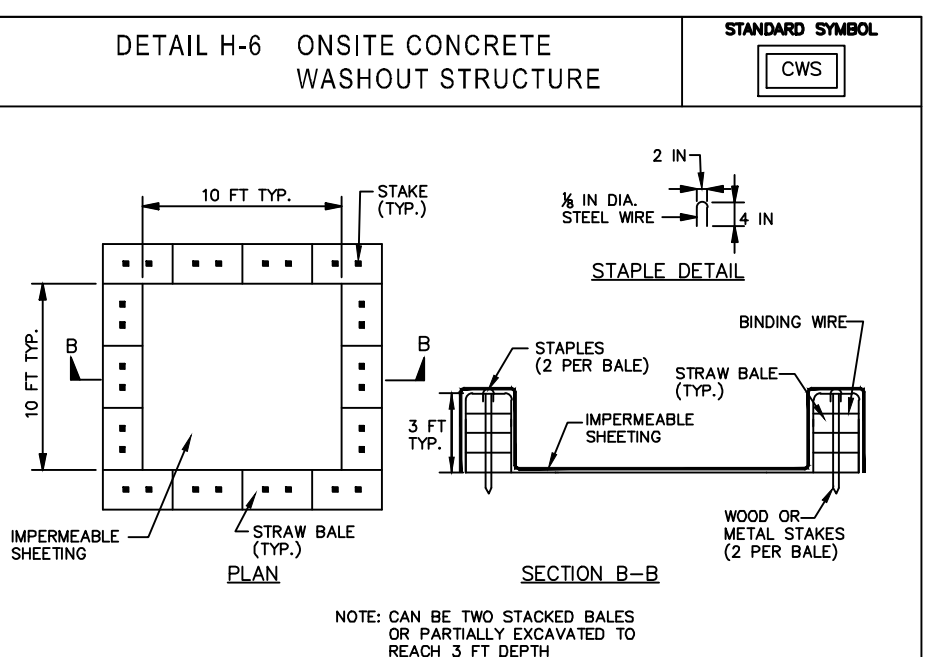


- CONSTRUCTION SPECIFICATIONS**
- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (430 FEET FOR SINGLE RESIDENCE LOTS). USE MINIMUM WIDTH OF 10 FEET. PLACE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
  - PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE. MAINTAIN POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
  - PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
  - PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
  - MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

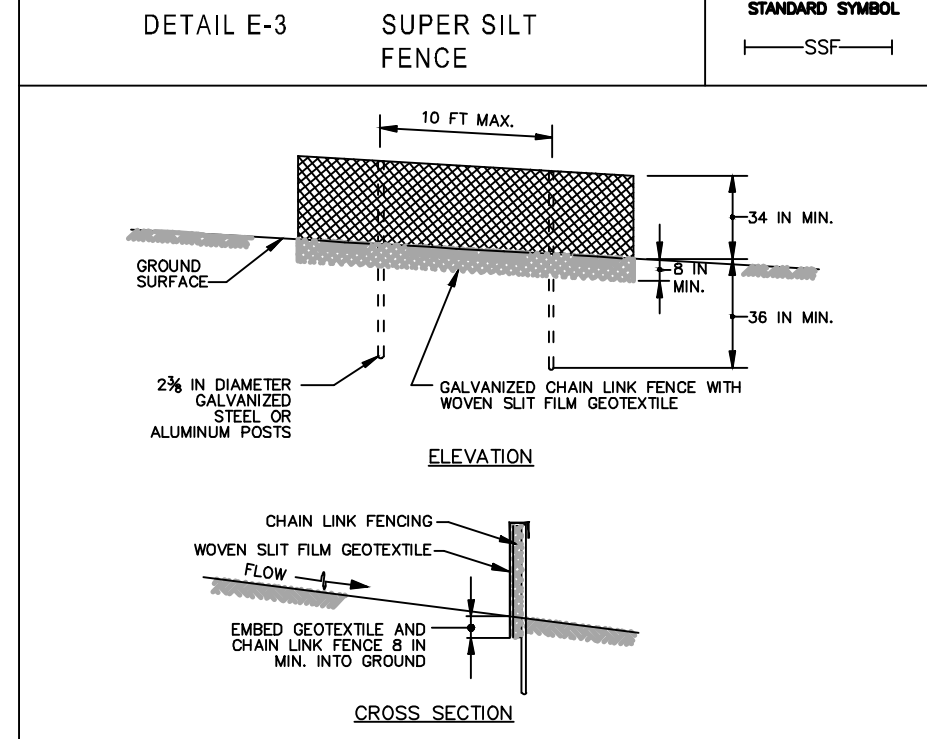


MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION



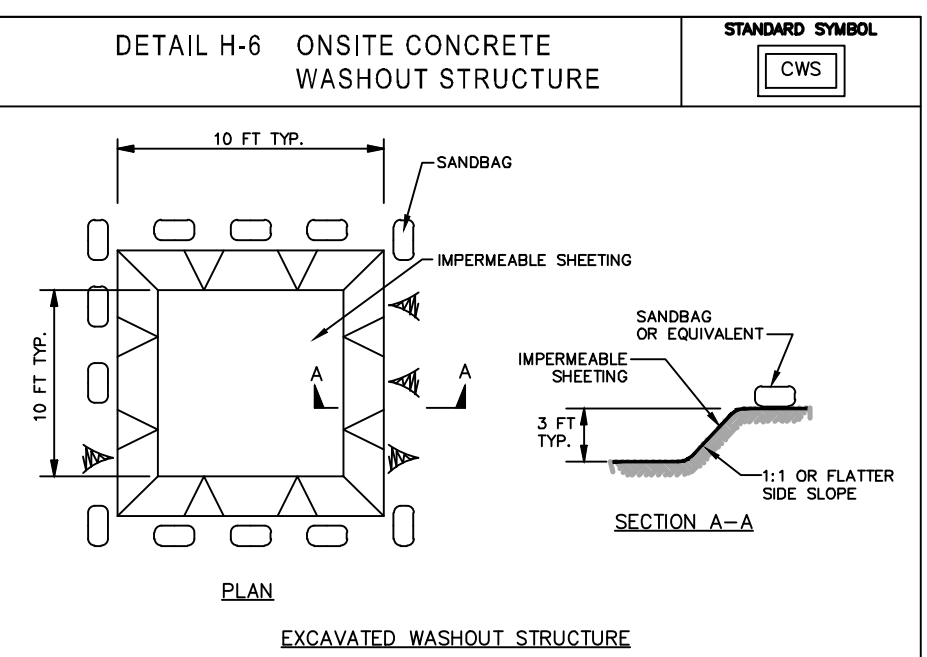
- CONSTRUCTION SPECIFICATIONS**
- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN NEETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
  - SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
  - PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
  - PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
  - KEEP CONCRETE WASHOUT STRUCTURE TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR PUNCTURED LINER THAT IS 15 PERCENT FULL AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LOGS THAT HAVE NOT DRYED AND ARE NOT APPROVED MANUFACTURER PRIOR TO FORECASTED RAINFALLS. REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, UNDESIRABLE DEBRIS, OR OTHER DEBRIS FROM THE WASHOUT. MAINTAIN PROOF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
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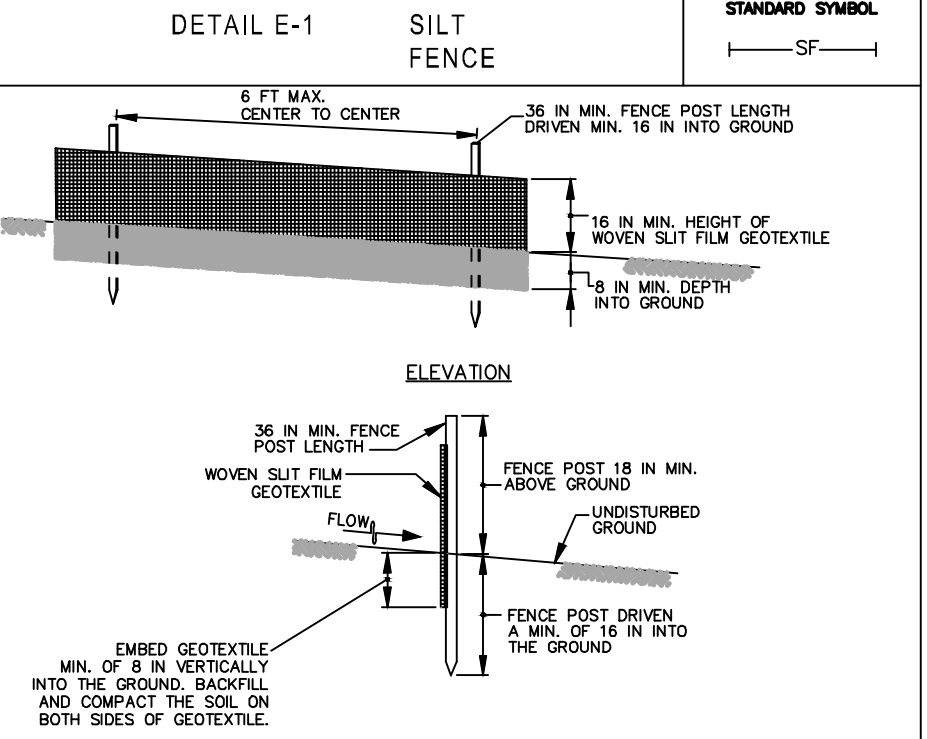
- CONSTRUCTION SPECIFICATIONS**
- INSTALL 2 1/2 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
  - FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 1/2 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUB RINGS.
  - FASTEN WOVEN SILT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
  - WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
  - EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE DOGS OF THE SUPER SILT FENCE.
  - PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
  - REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BUILDS DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE 9' TOP. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
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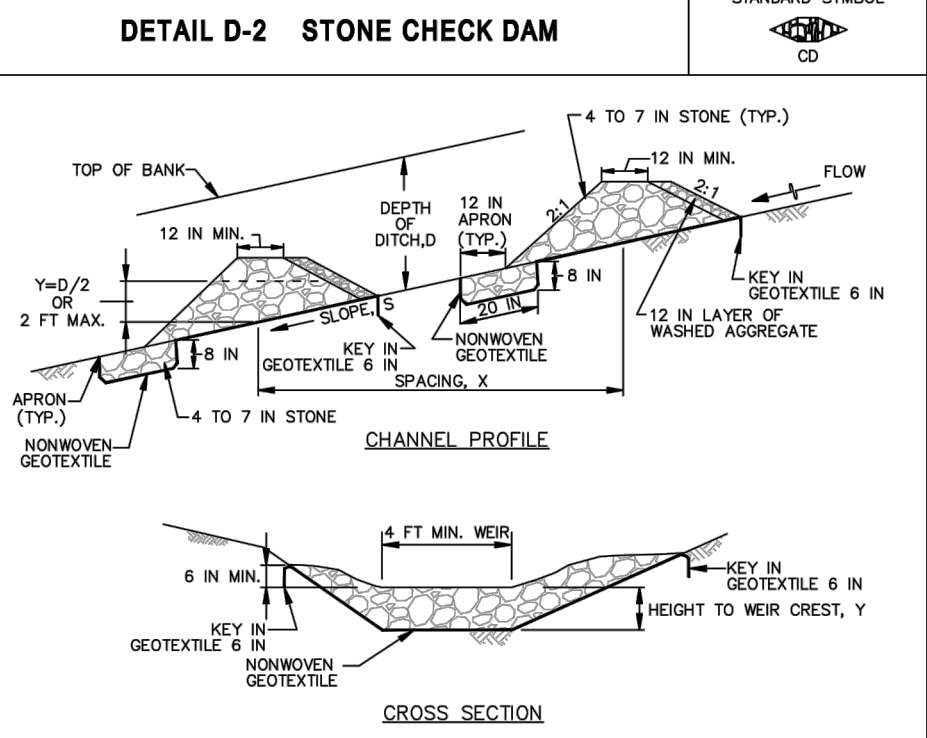
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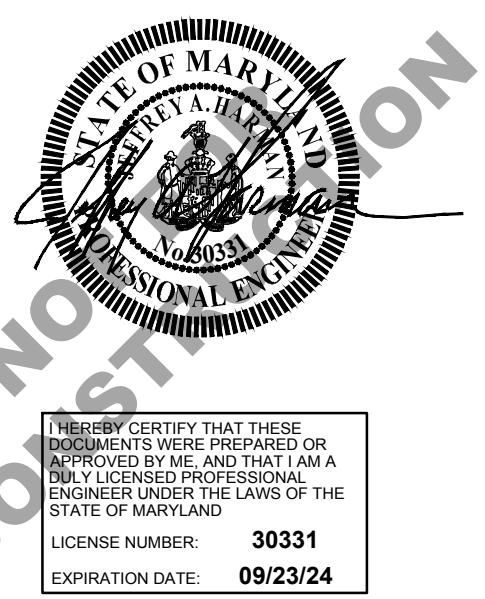
- CONSTRUCTION SPECIFICATIONS**
- PREPARE DAMS IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS DESCRIBED IN SECTION C-2, STANDARDS AND SPECIFICATIONS FOR TEMPORARY SHALE, OR AS SPECIFIED ON PLAN.
  - PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, UNDER THE BOTTOM AND SIDES OF THE DAM PRIOR TO PLACING OR STONE. CONSTRUCT THE CHECK DAM WITH WASHING 4 TO 7 INCH STONE OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) WITH SIDE SLOPES OF 2:1 OR FLATTER AND A MINIMUM TOP WIDTH OF 12 INCHES. PLACE THE STONE SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL AND CHANNEL BANKS. FROM THE WEIR SO THAT TOP OF THE OUTLET CREST IS APPROXIMATELY 8 INCHES LOWER THAN THE OUTER EDGES. LINE THE UPSLOPE FACE OF THE DAM WITH A 1 FOOT THICK LAYER OF WASHED AGGREGATE (3/4 TO 1 1/2 INCH).
  - SET THE HEIGHT FOR THE WEIR CREST TO ONE-HALF THE DEPTH OF THE CHANNEL OR DITCH. TO AVOID SCOUR THE MAXIMUM HEIGHT OF THE WEIR CREST MUST NOT EXCEED 2.0 FEET.
  - REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF OF THE HEIGHT OF THE WEIR CREST. MAINTAIN LINE, GRADE, AND CROSS SECTION.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION



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Newark, DE 19713  
302.369.3700  
**Maryland**  
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Salisbury, MD 21801  
410.546.9100  
**North Carolina**  
3333 Jaeckle Drive, Suite 120  
Wilmington, NC 28403  
910.341.7600  
[www.beckermorgan.com](http://www.beckermorgan.com)



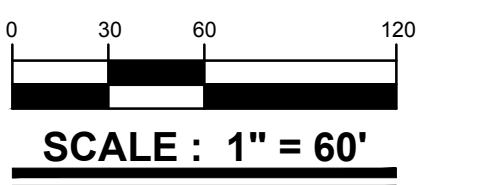
**PROJECT TITLE**

**DIXON LANE SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION DISTRICT

**CONCEPT**

**SHEET TITLE**

**EROSION AND SEDIMENT CONTROL DETAILS AND NOTES**

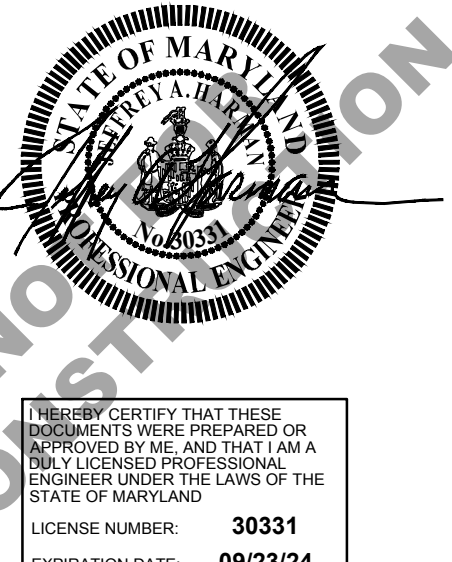


**ISSUE BLOCK**

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		LAYER 13
		PROJECT NO.: 2024034.00
		DATE: 05/13/2024
		SCALE: 1" = 60'
		DRAWN BY: E.H.H. PROJ. MGR.: E.H.H.
		SHEET
		13 OF 19

CARROLL COUNTY FILE NO. S-23-0014 COPYRIGHT 2024





I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.  
LICENSE NUMBER: 30331  
EXPIRATION DATE: 09/23/24

PROJECT TITLE  
**DIXON LANE SOLAR PROJECT**  
DIXON LANE  
ELDERSBURG  
CARROLL COUNTY, MD  
FOURTEENTH ELECTION DISTRICT

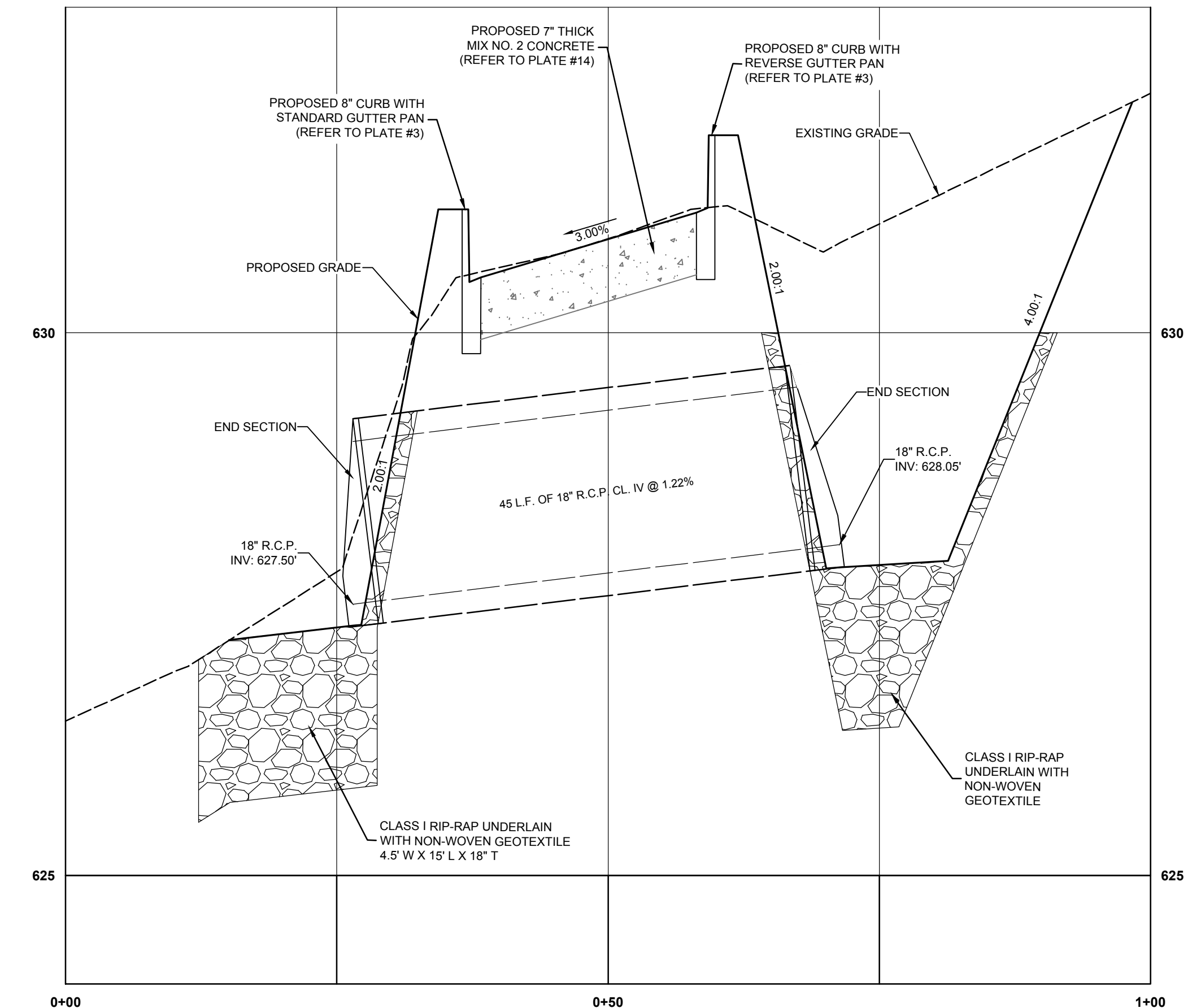
**CONCEPT**

SHEET TITLE  
**COMMERCIAL ENTRANCE PLAN**

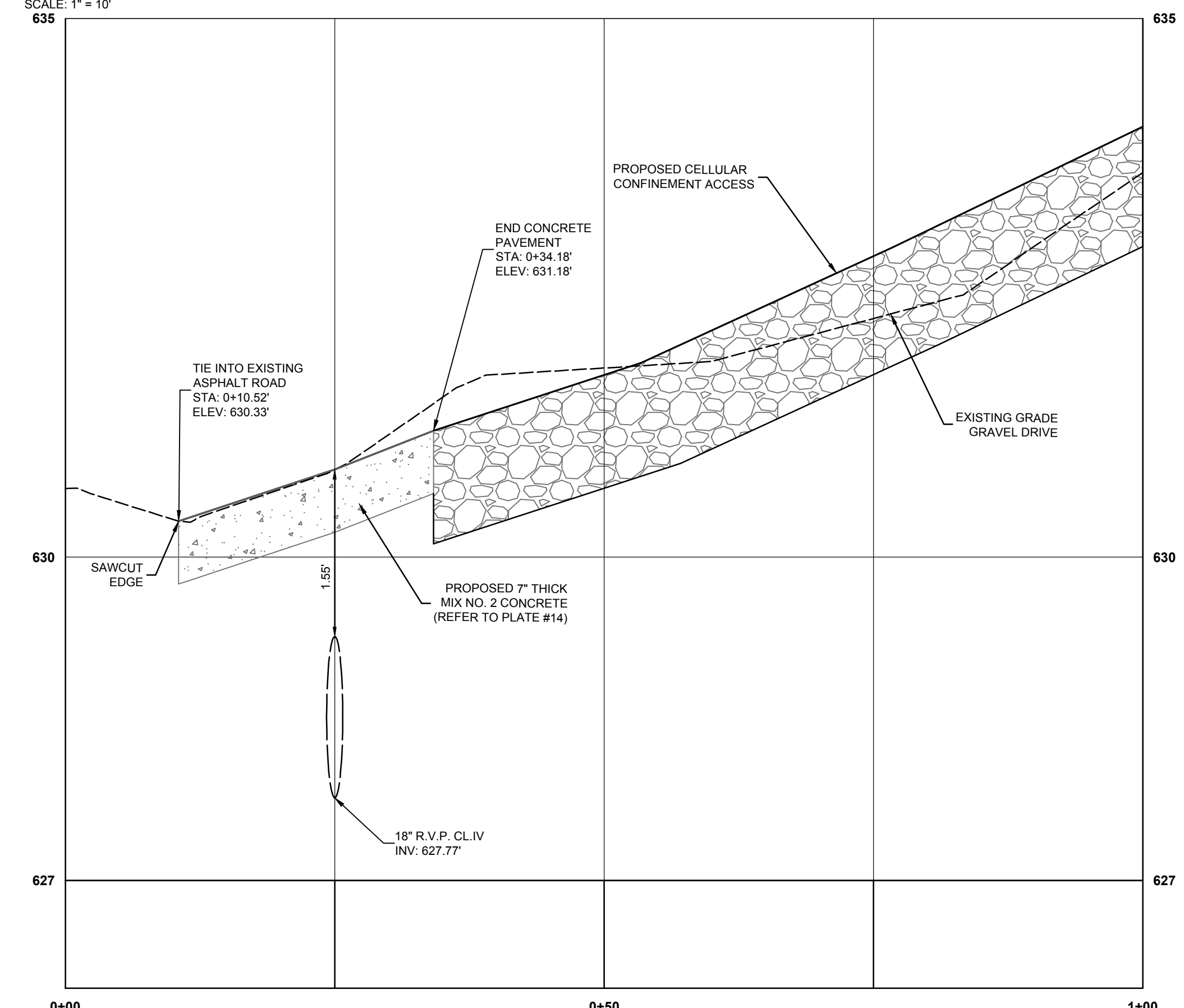
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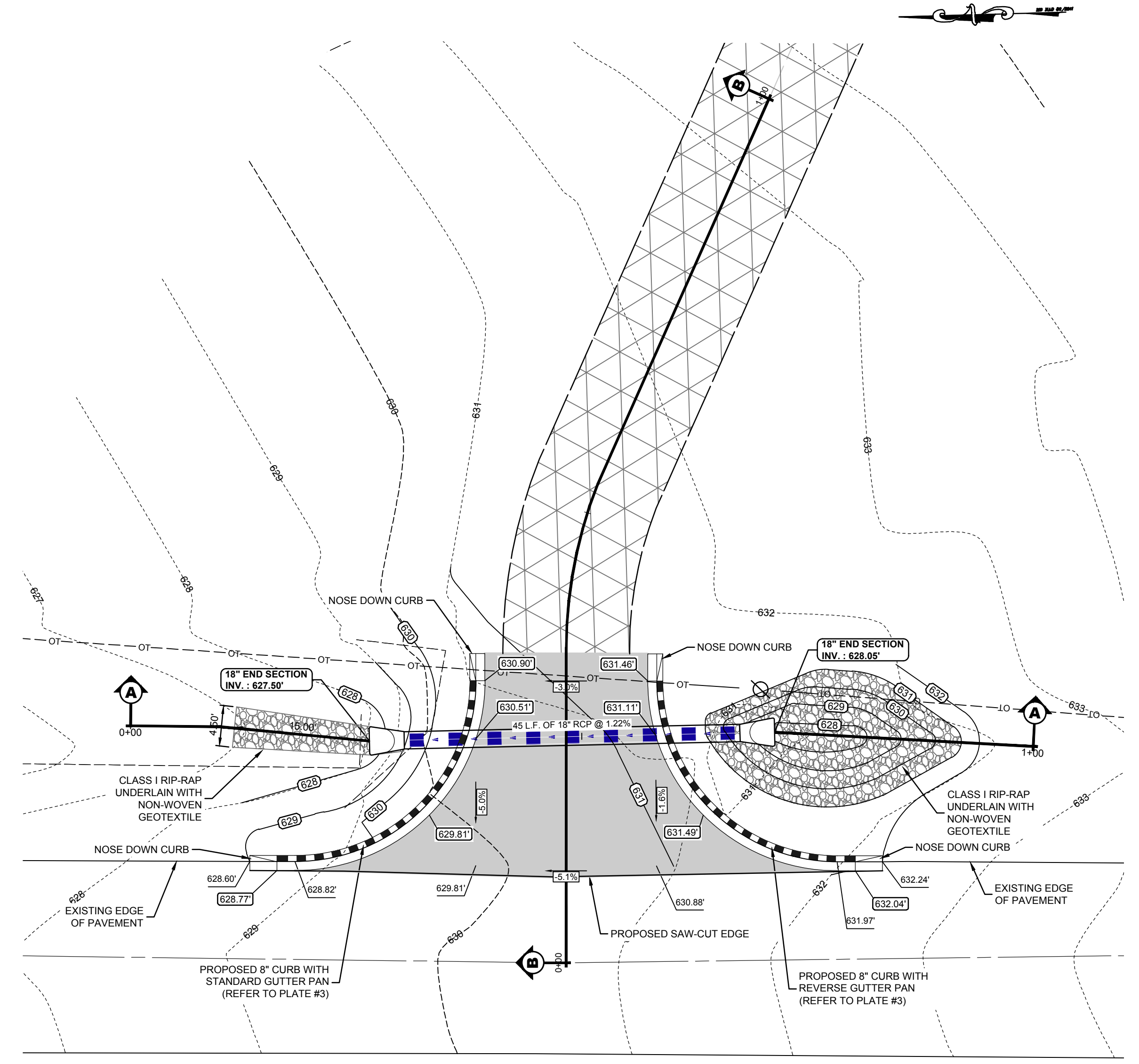
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**14 OF 19**



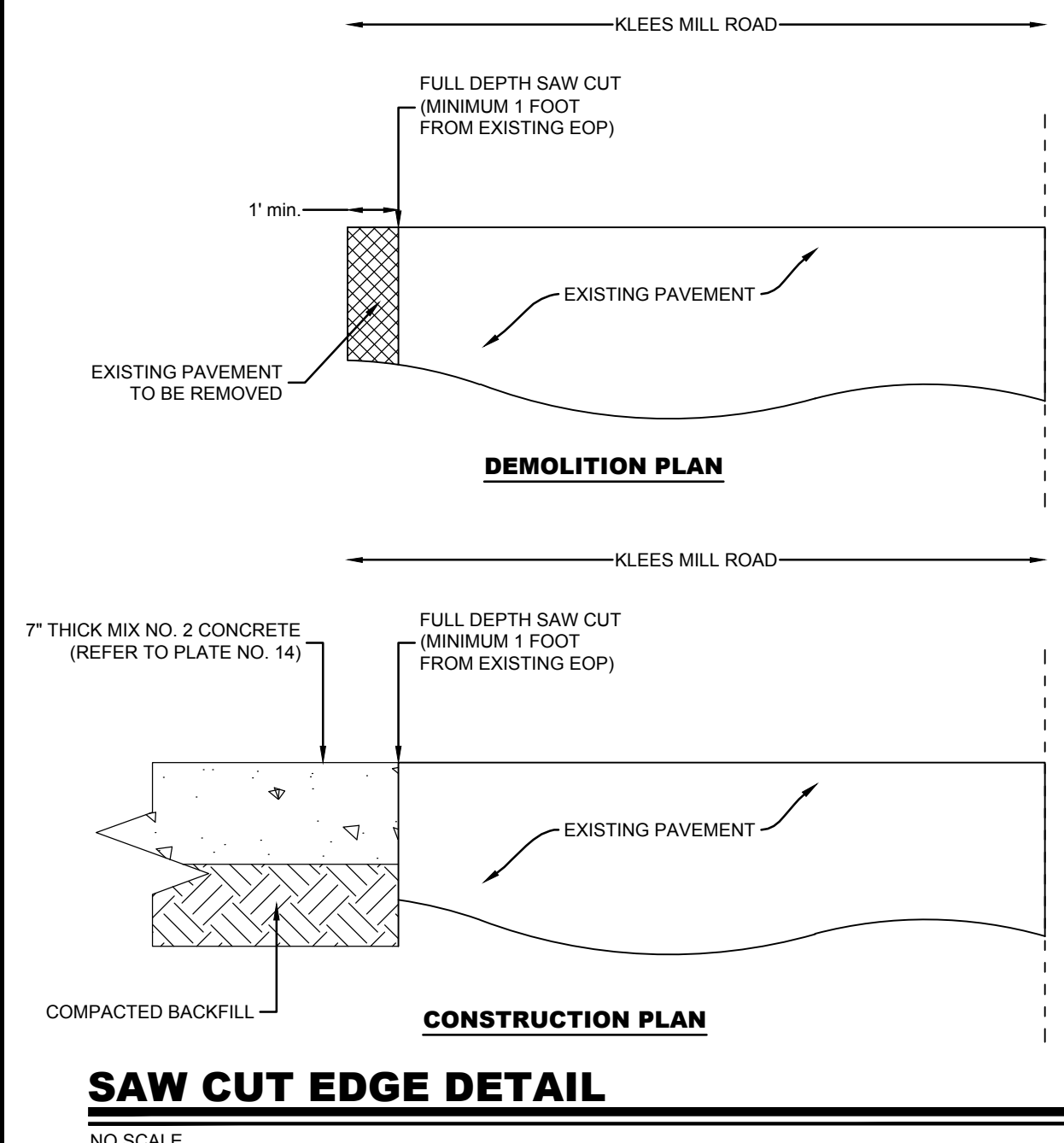
**COMMERCIAL ENTRANCE SECTION A - A**  
SCALE: 1" = 10'



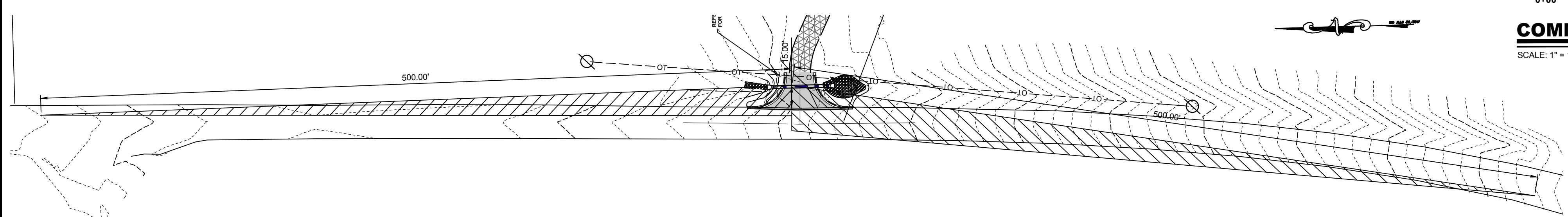
**COMMERCIAL ENTRANCE SECTION B - B**  
SCALE: 1" = 10'



**KLEES MILL RD**  
MINOR COLLECTOR  
POSTED SPEED LIMIT 35 M.P.H.  
60' R/W  
**COMMERCIAL ENTRANCE DETAIL (PER PLATE 14)**  
SCALE: 1" = 10'



**SAW CUT EDGE DETAIL**  
NO SCALE



**SIGHT TRIANGLE**  
SCALE: 1" = 50'





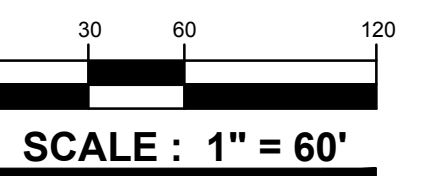
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SHEET TITLE

DETAILS



ISSUE BLOCK

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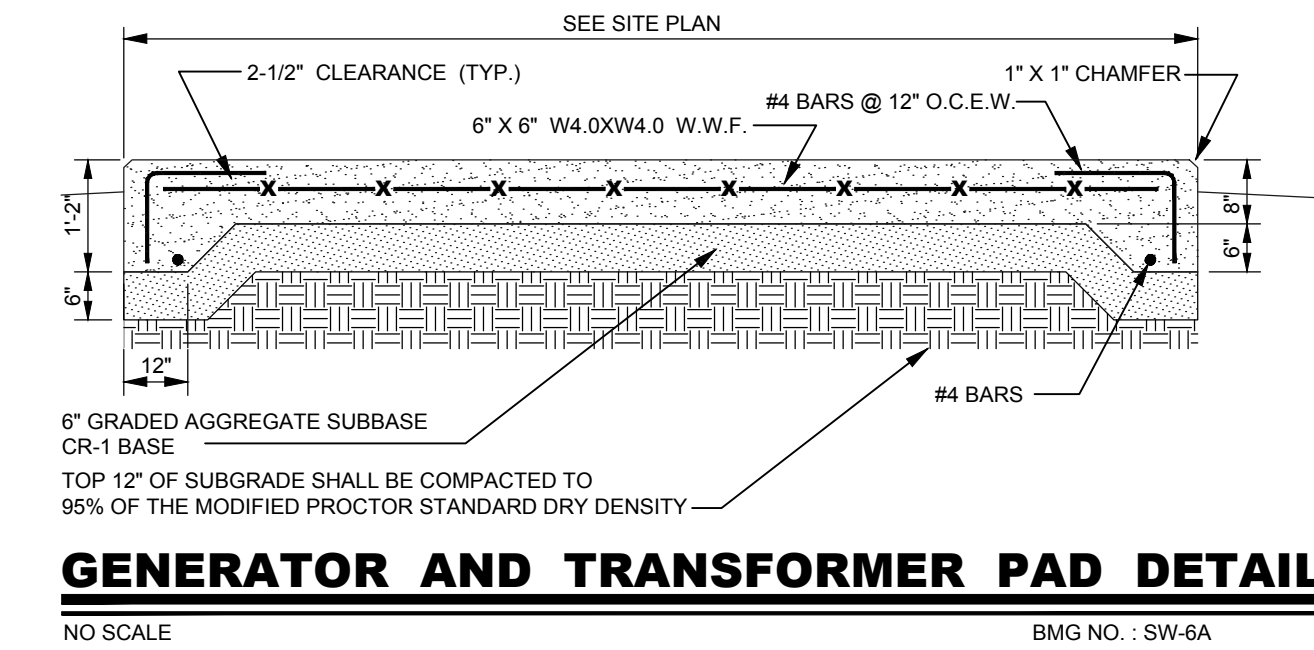
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SHEET

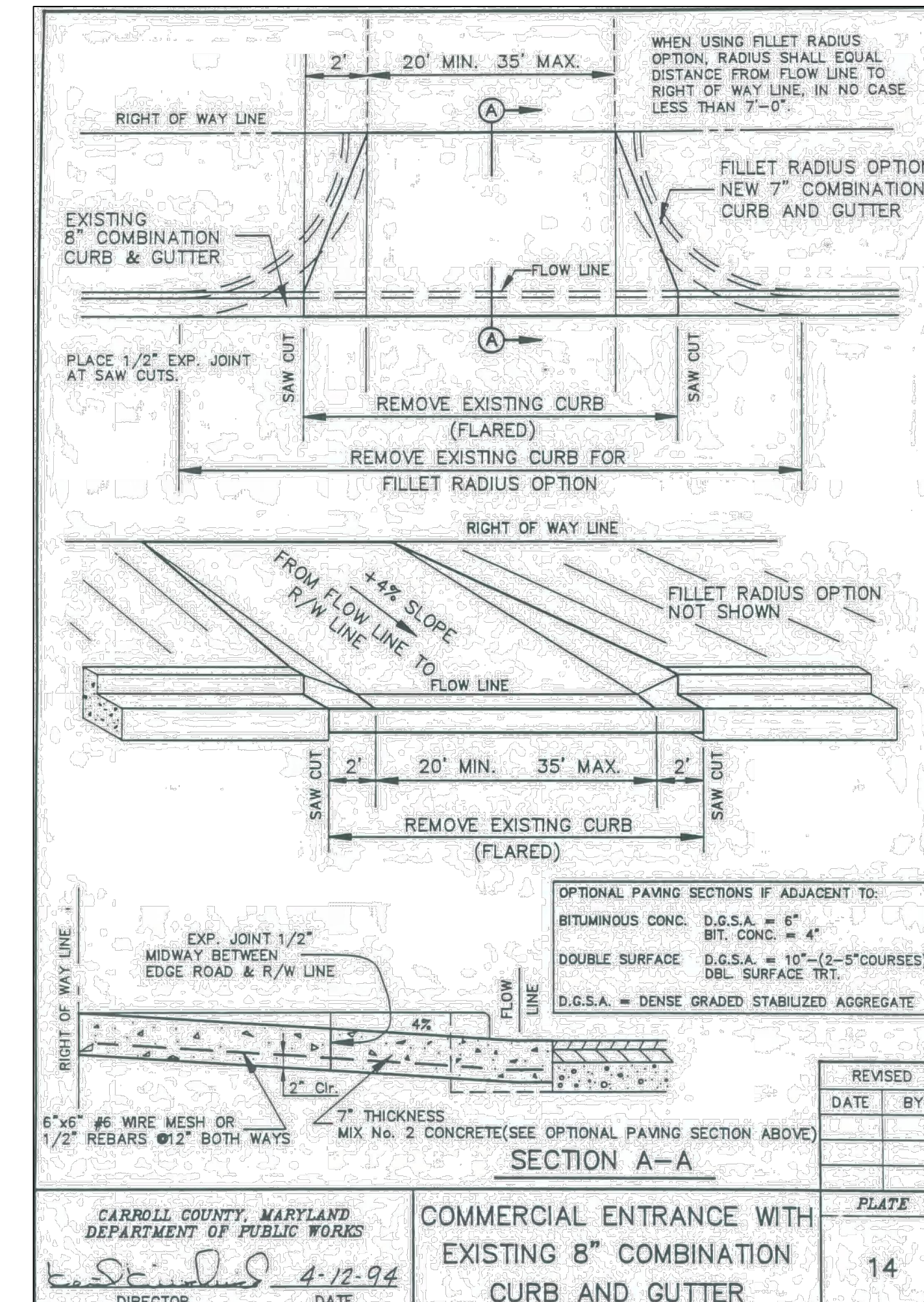
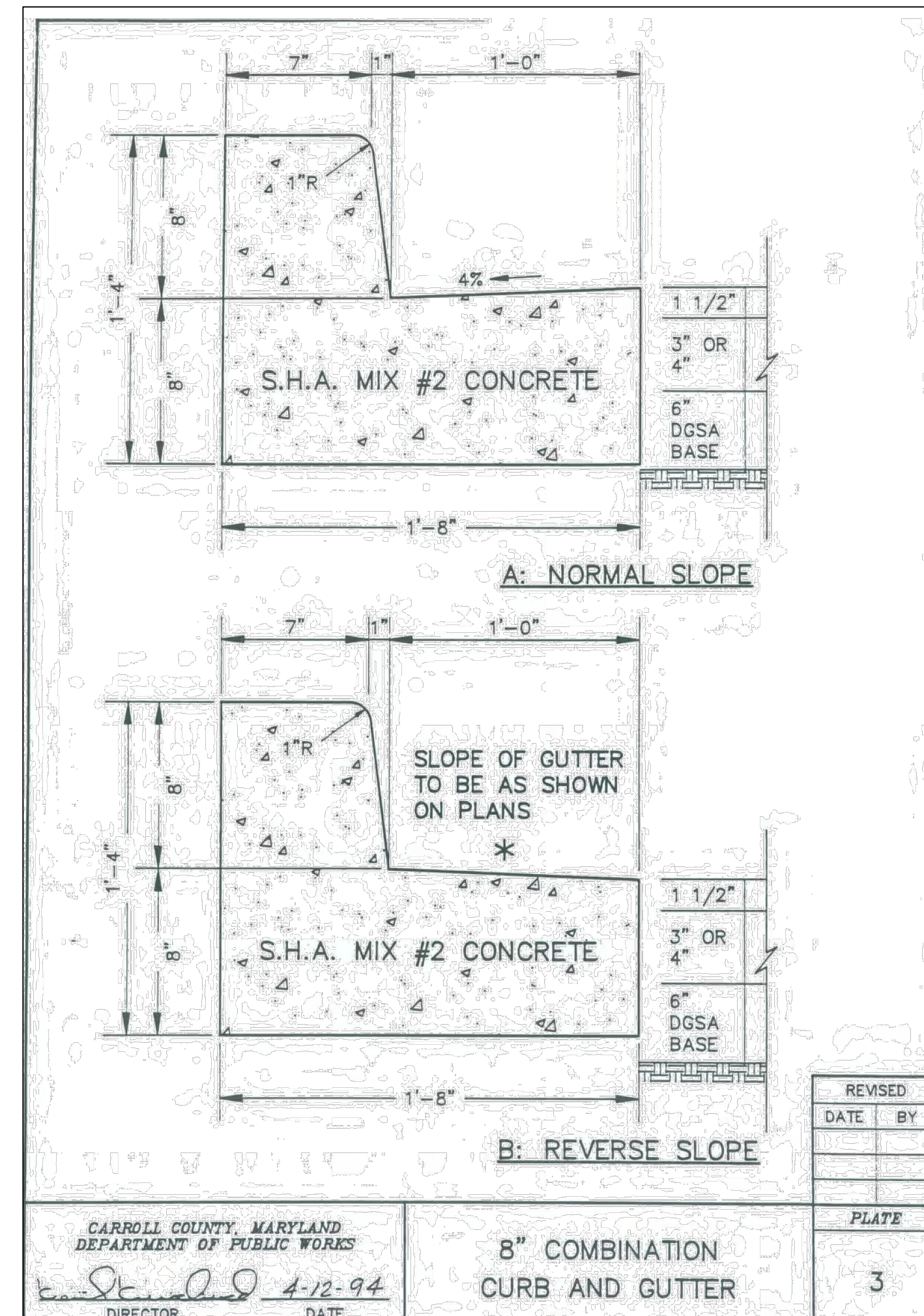
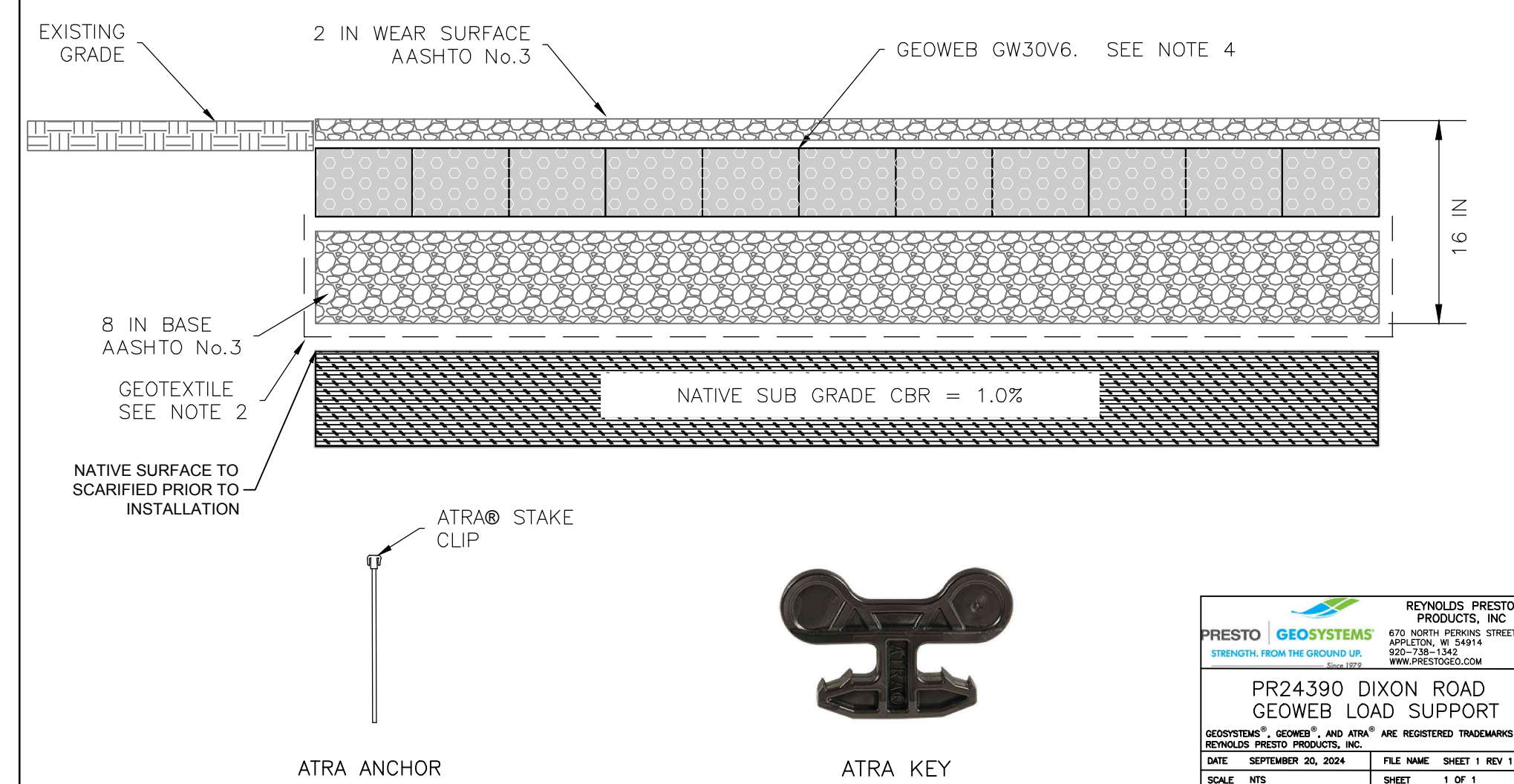
**15 OF 19**

CARROLL COUNTY FILE NO. S-23-0014 COPYRIGHT 2024



**GEOSYNTHETIC PLACEMENT (MANUFACTURER'S RECOMMENDATION)**  
CUT GEOSYNTHETIC TO PROPER WIDTH PRIOR TO PLACEMENT. WIDTH SHOULD BE ENOUGH TO CONFORM TO THE TRENCH PERIMETER WITH AT LEAST A 15 CM (6 IN) TOP OVERLAP. PLACE THE GEOSYNTHETIC ROLL OVER THE TRENCH AND UNROLL ENOUGH GEOSYNTHETIC THAT THE GEOSYNTHETIC CAN BE PLACED DOWN INTO THE TRENCH ANCHOR THE EDGES OF THE GEOSYNTHETIC WITH HEAVY OBJECTS TO PREVENT THE GEOSYNTHETIC FROM FALLING INTO THE TRENCH. WHERE OVERLAPS ARE NECESSARY BETWEEN ROLLS, ALLOW FOR 1 M (3 FT) OVERLAP FROM THE UPSTREAM TO THE DOWNSTREAM ROLL.

- Notes:
- This evaluation is copyrighted and is based on the use of GEOWEB® manufactured by Reynolds Presto Products, Inc. All rights reserved. Any use of this evaluation for any geocell product other than that manufactured by Reynolds Presto Products, Inc is strictly prohibited and makes this evaluation invalid.
  - Provide Mirafi HP270 enhanced woven geotextile separation layer and install per Manufacturer recommendations including overlaps.
  - The Geoweb panels shall be connected with ATRA® keys at each interleaf and end to end connection.
  - Geoweb base and infill shall be AASHTO No. 3 aggregate. Overfill the Geoweb panels and compact to provide a minimum 2 inch wear surface.
  - Limit the drop of infill to prevent panel distortion.
  - Refer to the Geoweb Load Support [Installation Guide](#) for installation procedures.



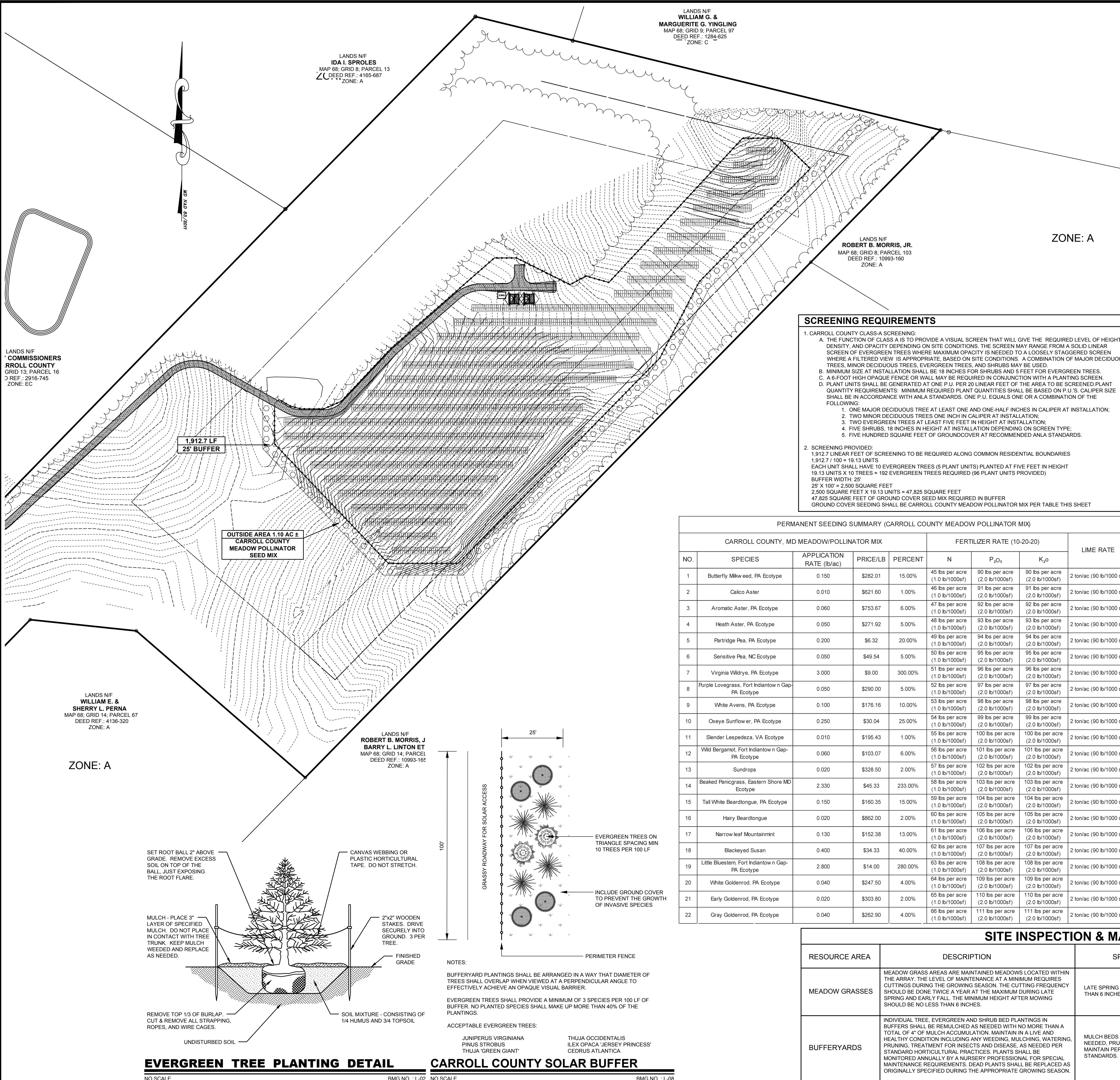












**GENERAL LANDSCAPE NOTES :**

- STANDARDS TO CONFORM TO THE MOST RECENT VERSION OF THE ANSI A3000 STANDARDS PART 6 - TRANSPLANTING AND LANDSCAPE SPECIFICATIONS GUIDELINES OF THE LANDSCAPE CONTRACTORS ASSOCIATION, MARYLAND, DISTRICT OF COLUMBIA, AND VIRGINIA.
- PLANTING ON INDIVIDUAL LOTS SHALL BE INSTALLED UPON FINAL GRADING INSPECTION. NO FINAL GRADING APPROVAL SHALL BE GIVEN ON THE BUILDING PERMIT UNTIL LANDSCAPING IS COMPLETE.
- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN "AMERICAN STANDARDS FOR NURSERY STOCK."  
 EVERGREEN TREES SHALL HAVE A FULL, WELL-BRANCHED, CONICAL FORM TYPICAL OF THE SPECIES.  
 ALL DECIDUOUS SHADE TREES SHALL BRANCH A MINIMUM OF 7'-8" ABOVE GROUND LEVEL. TREES SHALL BE PLANTED AND STAKED IN ACCORDANCE WITH THE DETAIL SHOWN.  
 PLANT MATERIALS DELIVERED TO THE SITE IN UNCOVERED TRUCKS WILL BE REJECTED.  
 UNACCEPTABLE PLANT MATERIALS - MATERIALS WHICH HAVE DAMAGED OR CROOKED LEADERS, DEFORMED GROWTH HABIT, ABRASIONS OF THE BARK, SUN SCALD, WINDBURN, DISFIGURING NOT COMPLETELY CALLOSED WILL BE REJECTED. IN ADDITION, TREES HAVING THEIR CENTRAL LEADERS HEADED BACK WILL ALSO BE REJECTED. PLANTS WITH LOOSE OR CRACKED ROOT BALL OR CONTAINERS WILL BE REJECTED.
- ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACKFILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, FREE OF DRY SOD, STIFF CLAY, LITTER, STONES IN EXCESS OF ONE (1) INCH DIAMETER, ETC. SHALL BE USED FOR PLANTING.  
 MULCH FOR PLANTING BEDS SHALL BE SHREDDED HARDWOOD BARK MULCH UNLESS OTHERWISE SPECIFIED ON THE PLANS AND SHALL HAVE NO LEAVES, YOUNG GREEN GROWTH, BRANCHES, TWIGS, GREATER IN DIAMETER OF 3/4", WEEDS, SHAVINGS OR FOREIGN MATERIAL SUCH AS STONES, ETC. SHALL BE MIXED WITH THE MULCH. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS WITH A LIGHTLY COMPACTED DEPTH OF THREE (3) INCHES. ALL CONTAINER PLANTS ARE TO HAVE ROOTS CUT ON FOUR SIDES AND/OR SPREAD OUT IN NEW SOIL MIXTURE.  
 ALL AREAS NOT STABILIZED IN PAVING OR PLANT MATERIALS SHOULD BE SEEDED AND MULCHED. (SEE EROSION & SEDIMENT CONTROL PLAN AND NOTES.)
- LANDSCAPE BEDS NOT DEFINED BY CURBS, SIDEWALKS, WALLS OR OTHER STRUCTURES SHALL BE ENCLOSED BY ALUMINUM EDGING UNLESS OTHERWISE INDICATED.
- AREAS DISTURBED BY LANDSCAPE OPERATIONS SHALL BE GRADED TO MATCH EXISTING TOPSOIL AND SEED OR SOD AS REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS. CONTRACTOR TO VERIFY "AS BUILT" LOCATION OF ALL UTILITIES.
- NO PLANT, EXCEPT GROUNDCOVERS, SHALL BE WITHIN THREE (3) FEET FROM SIDEWALKS.
- NO TREE SHALL BE PLANTED CLOSER THAN TEN (10) FEET FROM ANY STRUCTURE OR BUILDING.
- NO TREE SHALL BE PLANTED WITHIN TEN (10) FEET OF UNDERGROUND UTILITIES OR FIRE HYDRANTS.
- ONLY TREES THAT REACH A HEIGHT AND SIZE AT MATURITY OF SMALL TO MEDIUM SHALL BE PLANTED UNDER POWER LINES.
- THE CONTRACTOR SHALL WATER ALL PLANTS THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING, AND THEN WEEKLY OR MORE OFTEN, IF NECESSARY, DURING THE FIRST GROWING SEASON, UNLESS THE OWNER AGREES TO MAINTAIN AND WATER THEM.
- TREES TO REMAIN ON-SITE SHALL BE PROTECTED WITH SNOW FENCE DURING CONSTRUCTION (SEE DETAIL). SNOW FENCING TO BE MAINTAINED DURING CONSTRUCTION BY CONTRACTOR.
- THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE SHOULD ANY PLANT QUANTITY DISCREPANCIES OCCUR.
- NO SUBSTITUTIONS SHALL BE MADE WITHOUT APPROVAL OF THE OWNER AND/OR THE LANDSCAPE ARCHITECT.
- THE OWNER OF ANY PROPERTY ON WHICH LANDSCAPING HAS BEEN INSTALLED PURSUANT TO THIS CHAPTER SHALL MAINTAIN THE LANDSCAPING IN GOOD CONDITION IN PERPETUITY. A LANDSCAPE MAINTENANCE AGREEMENT SHALL BE REQUIRED. FAILURE TO REPLACE DEAD OR DYING PLANTING UNITS OR THE REMOVAL OF ANY INSTALLED PLANTING UNITS IS A VIOLATION OF THIS CHAPTER.
- A MINIMUM OF TWO INSPECTIONS WILL BE REQUIRED. NO INSPECTION SHALL BE FINALIZED FROM NOVEMBER 1ST TO MARCH 1ST. TO BE CONSIDERED ACCEPTABLE, NO MORE THAN 1/3 OF A PLANT MAY BE DEAD.  
 INITIAL INSPECTION: THIS INSPECTION SHALL BE PERFORMED BY THE COUNTY WHEN PLANTING IS COMPLETED TO VERIFY COMPLIANCE WITH THE APPROVED PLANTING PLAN.  
 FINAL INSPECTION: THIS INSPECTION SHALL BE PERFORMED BY THE COUNTY 12 MONTHS AFTER THE INITIAL PLANTING.

**LANDSCAPE SPECIFICATIONS :**

- ALL PLANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE LATEST EDITION OF HORTUS THIRD, BY "THE STAFF OF THE HORRORIUM".
- ALL NURSERY STOCK SHALL CONFORM TO AMERICAN ASSOCIATION OF NURSERYMEN, INC., STANDARDS AS DESCRIBED IN AMERICAN STANDARD FOR NURSERY STOCK, CURRENT ANSI Z60.1 SPECIFICATIONS.
- LANDSCAPE SPECIFICATIONS SHALL CONFORM TO LANDSCAPE GUIDELINES FOR MARYLAND, WASHINGTON D.C., AND VIRGINIA, LATEST EDITION. ALL NURSERY STOCK SHALL BE PLANTED IN ACCORDANCE WITH THE PROCEDURES OUTLINE IN THE GUIDELINES.
- THREE INCHES OF TOPSOIL IS REQUIRED ON ALL DISTURBED AREA TO BE LANDSCAPED, SEEDED, OR SODDED.

**INSPECTING ENGINEERS CERTIFICATION**

I HEREBY CERTIFY THAT THE MEADOW SEEDING AND PLANTING INSTALLATION WAS DONE PER PLAN.  
 NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**MARYLAND LANDSCAPE ARCHITECTS CERTIFICATION**

I, CHAD D. CARTER, RLA, ASLA, HEREBY CERTIFY THAT I AM A LANDSCAPE ARCHITECT IN THE STATE OF MARYLAND, THAT THE LANDSCAPING INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO MY BEST KNOWLEDGE AND BELIEF, REPRESENTS GOOD LANDSCAPING PRACTICES.  
  
 CHAD D. CARTER, RLA, ASLA 3725 DATE: 05/17/2024

**SITE INSPECTION & MAINTENANCE MATRIX**

RESOURCE AREA	DESCRIPTION	SPRING	SUMMER	FALL	WINTER
MEADOW GRASSES	MEADOW GRASS AREAS ARE MAINTAINED MEADOWS LOCATED WITHIN THE ARRAY. THE LEVEL OF MAINTENANCE AT A MINIMUM REQUIRES CUTTINGS DURING THE GROWING SEASON. THE CUTTING FREQUENCY SHOULD BE DONE TWICE A YEAR AT THE MAXIMUM DURING LATE SPRING AND EARLY FALL. THE MINIMUM HEIGHT AFTER MOWING SHOULD BE NO LESS THAN 6 INCHES.	LATE SPRING MOW NO LESS THAN 6 INCHES.	INSPECT AND REMOVE INVASIVE SPECIES OF PLANTS IN THE MEADOW.	EARLY FALL MOW NO LESS THAN 6 INCHES.	
BUFFERYARDS	INDIVIDUAL TREE, EVERGREEN AND SHRUB BED PLANTINGS IN BUFFERS SHALL BE REMULCHED AS NEEDED WITH NO MORE THAN A TOTAL OF 4" OF MULCH ACCUMULATION. MAINTAIN IN A LIVE AND HEALTHY CONDITION INCLUDING ANY WEEDING, MULCHING, WATERING, PRUNING, TREATMENT FOR INSECTS AND DISEASE, AS NEEDED PER STANDARD HORTICULTURAL PRACTICES. PLANTS SHALL BE MONITORED ANNUALLY BY A NURSERY PROFESSIONAL FOR SPECIAL MAINTENANCE REQUIREMENTS. DEAD PLANTS SHALL BE REPLACED AS ORIGINALLY SPECIFIED DURING THE APPROPRIATE GROWING SEASON.	MULCH BEDS AND PLANTS AS NEEDED, PRUNE, SHAPE, AND MAINTAIN PER NURSERY STANDARDS.	TREAT FOR INSECTS AND DISEASE. WATER AS NEEDED FOR DROUGHT CONDITIONS.		REMOVE DEADWOOD AND LEAVES



