

GENERAL NOTES:

- 1. EXISTING ZONING: R-10,000
2. TOTAL AREA OF SITE: 13.68 AC.
3. TOTAL DEVELOPED AREA: 595,900.80 SF
4. THE PROPERTY SHOWN HEREON IS OWNED BY SYKEVILLE MD PROPCO LLC BY DEED DATED JULY 9, 2020, RECORDED AMONG THE LAND RECORDS OF CARROLL COUNTY IN LIBER 09754, FOLIO 28
5. TAX MAP 78, BLOCK 3, PARCEL 662
6. TOPOGRAPHY SHOWN HEREON IS FROM A FIELD RUN TOPOGRAPHIC SURVEY WITHIN THE SITE AREAS BY CLSI IN JUNE AND NOVEMBER, 2024 AND SUPPLEMENTED WITH COUNTY G.I.S. TOPOGRAPHY THROUGH THE REMAINDER OF THE SITE.
7. THE BOUNDARY SHOWN HEREON IS FROM AN ALTA/VCSM LAND TITLE SURVEY PREPARED BY THE WILSON T. BALLARD COMPANY DATED MARCH 23, 2012.
8. LOCATION OF THE NEAREST WATER SUPPLY AVAILABLE FOR FIRE PROTECTION IS AN ON-SITE FIRE HYDRANT.
9. THE LOCATION OF EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ANY EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
10. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 THREE (3) WORKING DAYS PRIOR TO BEGINNING ANY WORK IN THE VICINITY OF EXISTING UTILITIES.
11. 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.
12. ANY CHANGES TO THIS PLAN WILL REQUIRE AN AMENDED SITE DEVELOPMENT PLAN TO BE APPROVED BY THE CARROLL COUNTY PLANNING AND ZONING COMMISSION. THIS SITE PLAN SHALL BECOME VOID EIGHTEEN MONTHS AFTER THE DATE OF APPROVAL IF NO BUILDING PERMIT OR ZONING CERTIFICATE HAS BEEN ISSUED FOR THIS PROJECT, UNLESS AN EXTENSION OF THIS TIME LIMIT IS ISSUED BY THE DIRECTOR OF THE DEPARTMENT OF PLANNING.
13. ALL CONSTRUCTION ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE 'DESIGN MANUAL-VOLUME 1-ROADS AND STORM DRAINS', THE 'BOOK OF STANDARDS, HIGHWAY AND INCIDENTAL STRUCTURES', 'HIGHWAY DRAINAGE MANUAL' OF THE STATE HIGHWAY ADMINISTRATION, '2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL' PUBLISHED JOINTLY BY WATER RESOURCES ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE, AND ALL ADDENDA AND ERRATA TO ALL OF THE ABOVE.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEERING OFFICE OF CLSI AT 410-848-7290.
15. IN THE EVENT OF ANY DISCREPANCIES IN THE PLANS OR IN THE RELATIONSHIPS OF FINISHED GRADES TO EXISTING GRADES PRIOR TO THE BEGINNING WORK.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL TRAFFIC ON ANY EXISTING ROADS.
17. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
18. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK AS SHOWN ON THESE DRAWINGS:
ALLEGHENY POWER 30 1-828-7009
BALTIMORE GAS & ELECTRIC 4 10-234-6313
BUREAU OF RESOURCE MANAGEMENT 4 10-386-2506
VERIZON 4 10-876-3905
19. ALL UTILITIES SHALL BE CLEARED BY A MINIMUM OF 1'0". ALL UTILITY POLES SHALL BE CLEARED BY A MINIMUM OF 2'0" OR TUNNELED IF REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST FOR TUNNELING OR BRACING.
20. CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITY SERVICES WITHOUT WRITTEN PERMISSION FROM THE OWNER OF THE UTILITY.
21. ALL SAFETY MEASURES TO BE IMPLEMENTED DURING THE CONSTRUCTION OF THIS PROJECT ARE THE RESPONSIBILITY OF THE CONTRACTOR.
22. THE HORIZONTAL CONTROL SHOWN HEREON IS BASED ON THE MARYLAND COORDINATE SYSTEM (NAD-83-91). THE VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
23. IN FILL AREAS, THE COMPACTION SHALL BE FULL HEIGHT COMPACTION TO THE SPECIFIED ELEVATION. FILL SHALL BE PLACED IN EIGHT (8) INCH (PLUS OR MINUS TWO (2) INCHES), MEASURED LOOSE LIFTS AND EACH LIFT COMPACTED TO NOT LESS THAN NINETY-FIVE PERCENT (95%) OF THE MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MODIFIED PROCTOR TEST (AASHTO T-150) UNLESS SPECIFIED OTHERWISE BY THE GEOTECHNICAL ENGINEER. ALL CUT/FILL QUANTITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AS REQUIRED BY THE SEDIMENT CONTROL AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL VERIFY SUCH CALCULATIONS TO HIS OWN SATISFACTION FOR BID CONTRACT PURPOSES.
24. THIS DEVELOPMENT IS PARTIALLY LOCATED WITHIN A WELLHEAD PROTECTION AREA.
25. NO TIER II WATERS ARE LOCATED ON THE PROPERTY.

ORIGINAL SITE PLAN
C.C. FILE # S-0-34009-80
1st AMENDED SITE PLAN
C.C. FILE # S-14-007

NOTE: PARKING TABULATIONS AS SHOWN ON THE 1st AMENDED SITE PLAN. THIS PLAN DOES NOT REQUIRE ADDITIONAL PARKING

PARKING TABULATIONS
REQUIREMENTS:
1 SPACE FOR EVERY 4 BEDS (1/4 x 126) = 3150 SPACES
1 FOR EVERY 2 EMPLOYEES ON THE MAXIMUM SHIFT (1/2 x 100) = 50 SPACES
TOTAL SPACES REQUIRED: 6150 (Includes Handicap Spaces)
TOTAL SPACES PROVIDED: 164 (Includes Handicap Spaces)
HANDICAPPED SPACES REQUIRED: 8 SPACES
HANDICAPPED SPACES PROVIDED: 8 SPACES
VAN ACCESSIBLE SPACES REQUIRED: 1 SPACE
VAN ACCESSIBLE SPACES PROVIDED: 4 SPACES

FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777 OR LOG ON TO
WWW.CALL811.COM OR HTTP://WWW.MISSUTILITY.NET
48 HOURS IN ADVANCE OF ANY
WORK IN THIS VICINITY

THE ENGAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

SECOND AMENDED SITE PLAN
for
COPPER RIDGE

EXISTING AND PROPOSED USE: ASSISTED LIVING CENTER

PROPOSED ADDITIONS: SOLAR FIELDS

TAX MAP 78 * BLOCK 3 * PARCEL 662

5th ELECTION DISTRICT

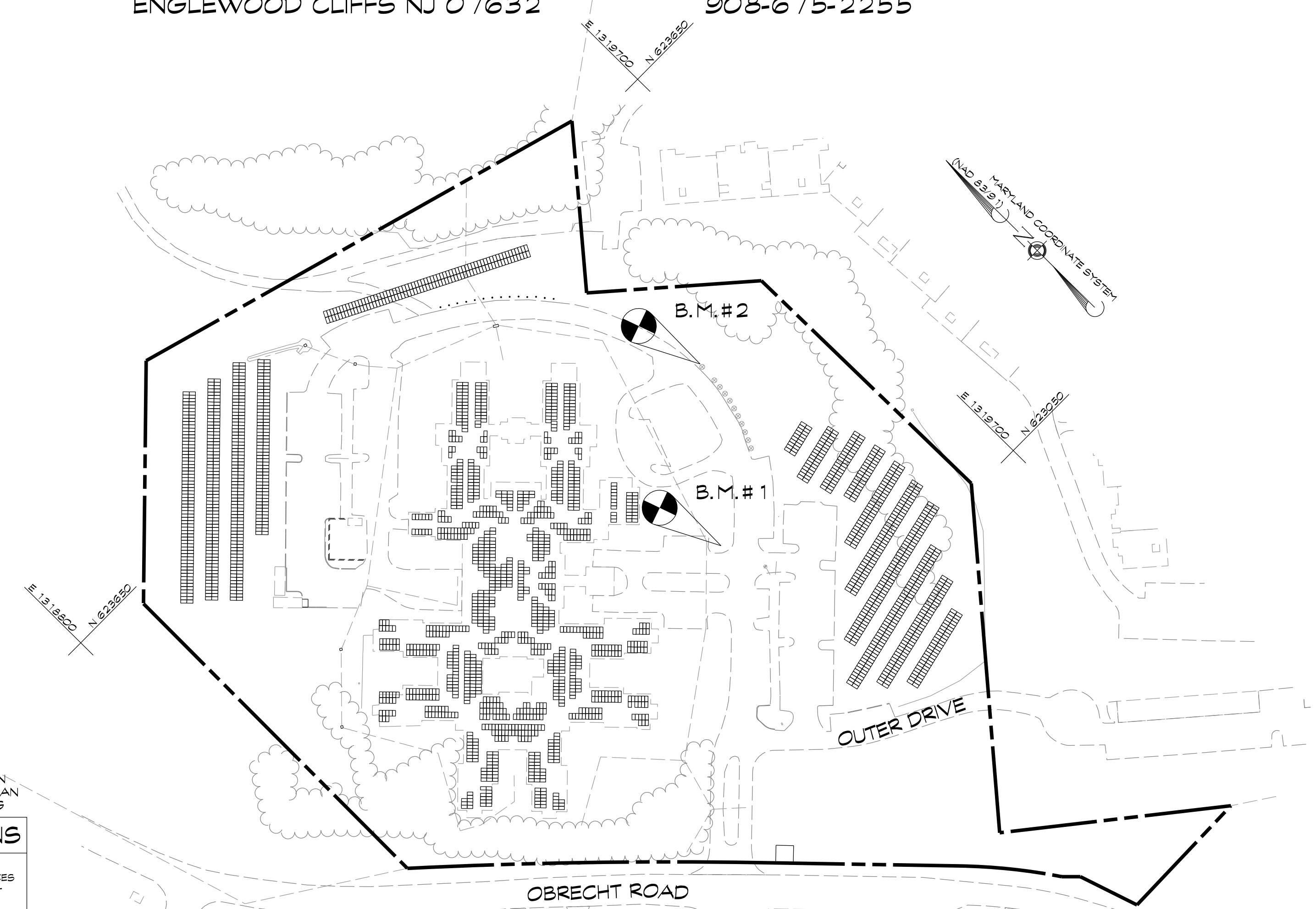
SYKEVILLE, CARROLL COUNTY, MD.

OWNER

SYKEVILLE MD PROPCO LLC
C/O THE PORTPICCOLO GROUP
440 SYLVAN AVE STE 240
ENGLEWOOD CLIFFS NJ 07632

DEVELOPER

HESP SOLAR, LLC
400 RELLA BLVD.
MONTEBELLO, NY 10901
908-675-2255



LOCATION MAP
SCALE: 1" = 100'

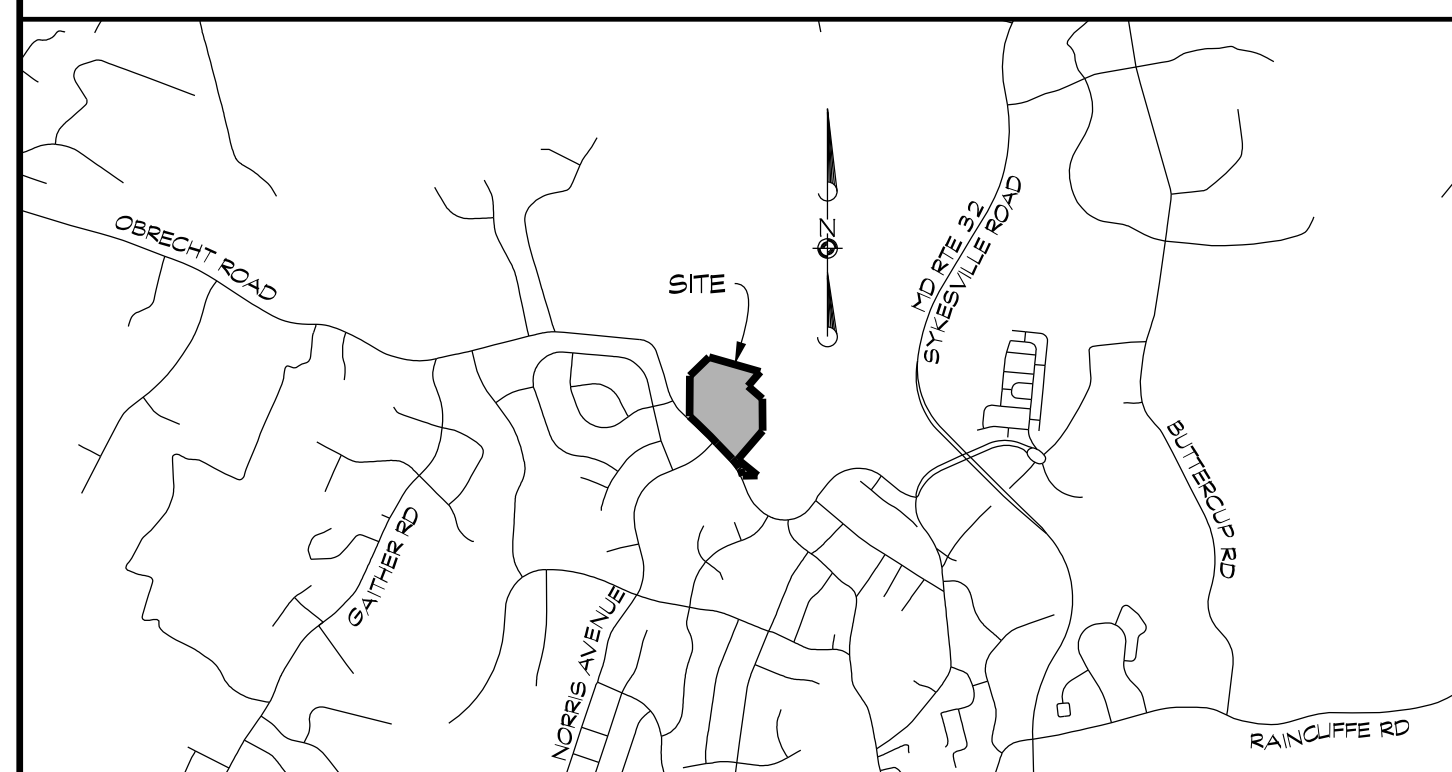
PROJECT CERTIFICATIONS

ENGINEER
I CERTIFY THAT THIS PLAN OF SEDIMENT CONTROL IS DESIGNED WITH MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND HAS BEEN DESIGNED TO THE STANDARDS AND SPECIFICATIONS ADOPTED BY THE CARROLL SOIL CONSERVATION DISTRICT.
BRATON D. MOORE
PROFESSIONAL ENGINEER REGISTRATION NO. 51285
DATE: 12/16/2024

DEVELOPER
I 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 & SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE EVALUATION BY THE CARROLL SOIL CONSERVATION DISTRICT PERSONNEL AND COOPERATING AGENCIES.
DEVELOPER: _____ DATE: _____
PRINTED NAME OF DEVELOPER: _____
DEVELOPER COMPANY NAME: _____ DEVELOPER PHONE NUMBER: _____

OWNER CERTIFICATION
I HAVE HEREBY CERTIFY THAT ALL PROPOSED WORK SHOWN ON THESE CONSTRUCTION DRAWINGS HAS BEEN REVIEWED BY ME/US AND THAT I/WE FULLY UNDERSTAND WHAT IS NECESSARY TO ACCOMPLISH THIS WORK AND THAT THE WORK WILL BE CONDUCTED IN STRICT ACCORDANCE WITH THESE PLANS. I/WE ALSO UNDERSTAND THAT ANY CHANGES TO THESE PLANS WILL REQUIRE AN AMENDED PLAN TO BE REVIEWED AND APPROVED BY THE CARROLL COUNTY PLANNING AND ZONING COMMISSION BEFORE ANY CHANGE IN THE WORK IS MADE.
OWNER: _____ DATE: _____

VICINITY MAP SCALE: 1" = 2000'



LIST OF DRAWINGS

- 1. TITLE SHEET
2. EXISTING CONDITIONS AND DEMOLITION PLAN
3. LAYOUT, GRADING AND SEDIMENT CONTROL PLAN
4. SEDIMENT CONTROL NOTES AND DETAILS
5. STORM-WATER MANAGEMENT PLAN
6. FOREST STAND DELINEATION AND FOREST CONSERVATION PLAN

SITE DEVELOPMENT PLAN INSPECTION SEQUENCE

- 1. CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY BUREAU OF PERMITS AND INSPECTIONS AT 410-386-2674 AT LEAST ONE (1) WORKING DAY PRIOR TO BEGINNING ANY WORK.
2. SITE COMPLIANCE INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES DURING CONSTRUCTION:
A. PROPOSED STRUCTURES STAKED OUT IN PROPER LOCATIONS AS SHOWN ON THESE APPROVED PLANS.
B. PROPOSED FOUNDATIONS INSTALLED FOR ALL BUILDINGS SHOWN ON THESE APPROVED PLANS.
C. SUB-GRADES ESTABLISHED FOR ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
D. COMPLETION OF ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
E. COMPLETION OF ALL WORK SHOWN ON PLANS.
IT IS THE CONTRACTORS 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 THE 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.

Table with columns: #, DATE, REVISIONS, REVISIONS. It contains multiple empty rows for tracking changes.

Professional seal for CLSI (Carroll County Licensed Surveyors & Engineers). Includes contact information: 439 East Main Street Westminster, MD 21157-5539. License No. 51285, expiration date December 7, 2028. Engineer: BRATON D. MOORE, P.E.

SECOND AMENDED SITE PLAN

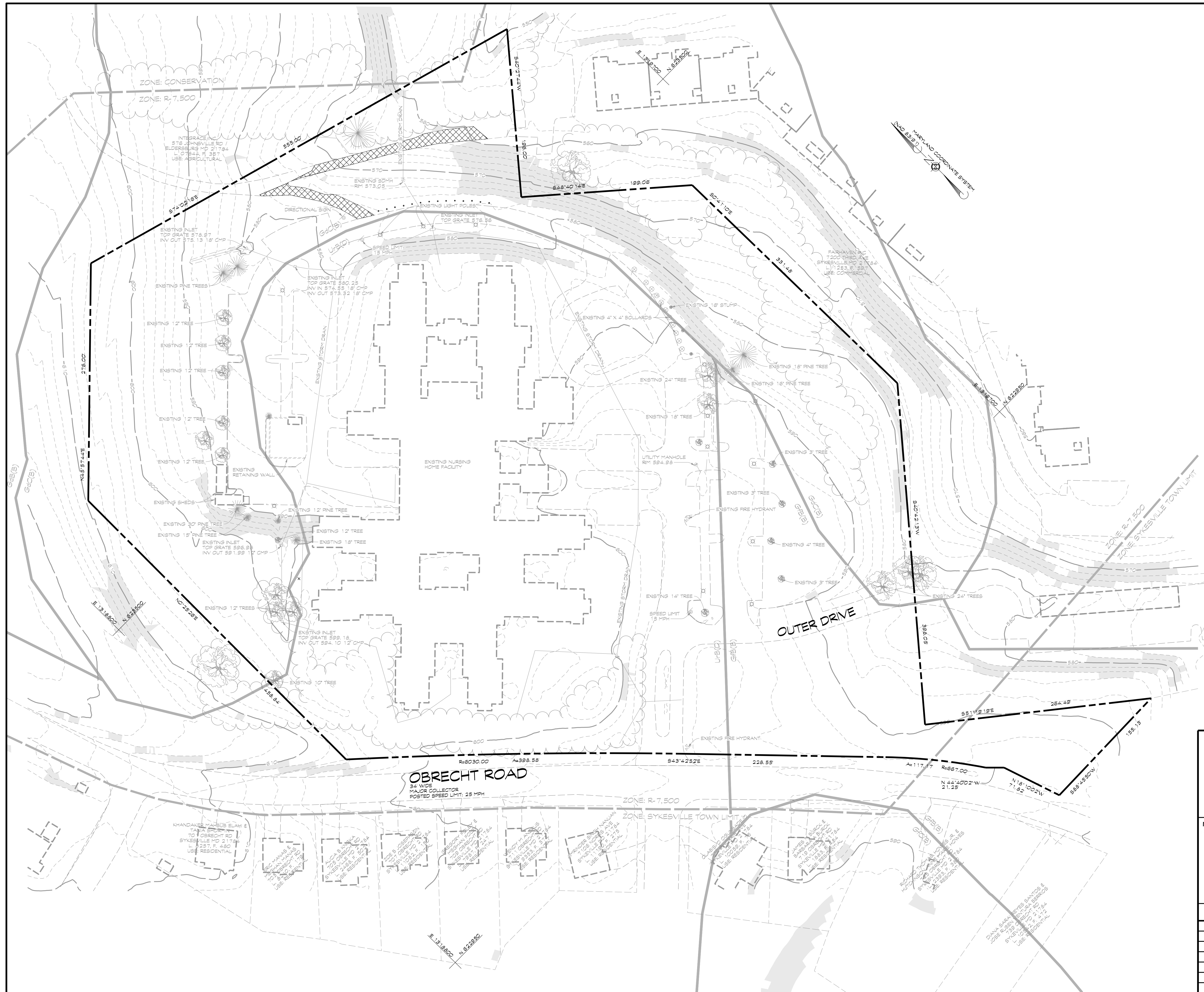
for

COPPER RIDGE

5th ELECTION DISTRICT SYKEVILLE, CARROLL COUNTY, MD.
TAX MAP 78, BLOCK 3, PARCEL 662
EXISTING AND PROPOSED USE: ASSISTED LIVING CENTER
PROPOSED ADDITIONS: SOLAR FIELDS

TITLE SHEET

b-12/16/2024-8:06:54 AM G:\05\05823\05823\SHEET\01\OVERALL.dgn -dgn



LEGEND

- 25% SLOPES
- TREE LINE
- ZONING LINE
- PAVING TO BE REMOVED
- SOIL TYPE
- SOIL LINE

OWNER
 SYKESVILLE MD PROPCO LLC
 C/O THE PORTICCOLO GROUP
 440 SYLVAN AVE STE 240
 ENGLEWOOD CLIFFS NJ 07632

DEVELOPER
 HEEP SOLAR, LLC
 400 RELIA BLVD
 MONTEBELLO, NY 10901
 908-678-2255

EXISTING CONDITIONS AND DEMOLITION PLAN
COPPER RIDGE
 5th ELECTION DISTRICT SYKESVILLE, CARROLL COUNTY, MD.
 TAX MAP 7B BLOCK 3 PARCEL 62

NOT FOR CONSTRUCTION

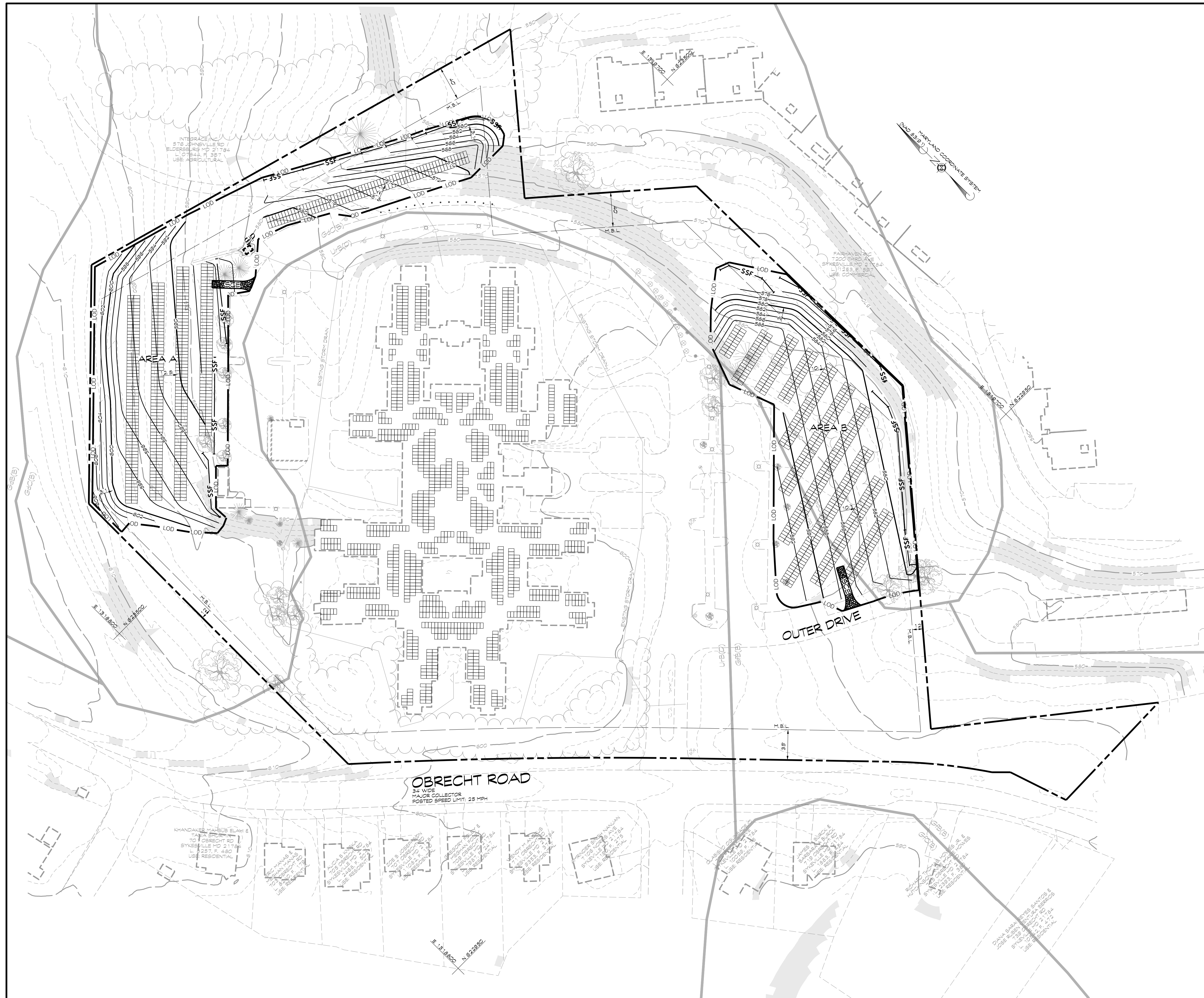
CLSI
 Engineers • Surveyors
 Land Planning & Environmental Consultants
 www.clsi-civileng.com

439 East Main Street Westminster, MD 21157-5539
 (410) 848-1790 FAX (410) 848-1791

BRATTON D. MOORE, P.E.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 151285, EXPIRATION DATE, DECEMBER 7, 2025

DATE	REVISIONS	DRAWN BY:
		BM
		DESIGNED BY:
		REVIEWED BY:
		DATE: DEC., 2024
		SCALE: 1" = 50'
		JOB NO.: 058235
		SHEET: 2 OF 6



- LEGEND**
- 25% SLOPES
 - SUPER SILT FENCE
 - LIMIT OF DISTURBANCE
 - STANDARD INLET PROTECTION
 - STABILIZED CONSTRUCTION ENTRANCE
 - SOIL TYPE
 - SOIL LINE
 - SOLAR PANELS

OWNER
 SYKESVILLE MD PROPCO LLC
 C/O THE PORTICCOLO GROUP
 440 SYLVAN AVE STE 240
 ENGLEWOOD CLIFFS NJ 07632

DEVELOPER
 HESP SOLAR, LLC
 400 REILA BLVD
 MONTEBELLO, NY 10901
 908-678-2255

LAYOUT, GRADING AND SEDIMENT CONTROL PLAN

COPPER RIDGE

5th ELECTION DISTRICT SYKESVILLE, CARROLL COUNTY, MD.
 TAX MAP 7B BLOCK 3 PARCEL 662



Engineers • Surveyors

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Land Planning & Environmental Consultants

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DATE	REVISIONS	DRAWN BY: BM
		DESIGNED BY:
		REVIEWED BY:
		DATE: DEC., 2024
		SCALE: 1" = 50'
		JOB NO.: 058235
		SHEET: 3 OF 6

SEDIMENT CONTROL NOTES

- All erosion/sediment control measures shall comply with the Maryland Standards and Specifications for Soil Erosion and Sediment Control by the Maryland Department of the Environment, Water Management Administration in association with the Natural Resources Conservation Service and Maryland Association of Soil Conservation Districts (referenced as the 2011 Standards and Specs).
- Areas that have been cleared and/or graded, but will not be constructed or permanently vegetated for more than 30 days (30 days for sediment control measures (steep slopes) must be stabilized with mulch or temporary stabilization. Any areas that are in temporary vegetation for over 90 months will need to be permanently vegetated.
- For specifications on permanent or temporary stabilization see B-4-4 and B-4-5.
- Mulching can only be used on disturbed areas as a temporary cover where vegetation is not feasible or where seeding germination cannot be completed because of weather conditions. For specifications see B-4-3, A, 1.B.
- For specifications on the stabilization of cut and fill slopes greater than 3 horizontal to 1 vertical, see Incremental Stabilization B-4-1.
- The existing topsoil from an on or off site that is used must meet the minimum specifications in B-4-2.
- The required sequence of construction must be followed during site development. Any change in the sequence of construction must be approved by the Soil Conservation District.
- Any revisions to the sediment control plan, not covered under the list of plan modifications that can be approved by the sediment control inspector, need to be submitted to the Soil Conservation District for approval.
- No proposed slope that is seeded and/or mulched shall be greater than 2:1. Slopes greater than 2:1 shall require an engineered design for stabilization.
- All sediment control structures will be inspected once a week and after each rainfall and will be repaired, as needed, so that the structure meets the minimum specifications as shown in the 2011 Standards and Specs.
 - The contractor is responsible for maintaining all sediment and erosion control measures until the disturbed areas are permanently stabilized.
 - The district approval for this sediment control plan is good for 2 years. At the end of 2 years, if construction of the plan has not started, the plan will need to be re-submitted to the soil conservation district for review and re-approval. Any plans that are currently under construction after 2 years may be required to be re-submitted to the soil conservation district by the sediment control inspector.

DUST CONTROL SCHEDULE

May-October - All graded areas not being immediately stabilized as noted in the "Required Sequence of Construction" shall be watered on a continuing basis as necessary to provide for dust proofing. Contractor shall provide tank truck with spray bar on site at any time the disturbed area exceeds three (3) acres.

SITE ANALYSIS

- TOTAL AREA OF SITE: 13.68 AC.
- AREA DISTURBED: 3.10 AC.
- TOTAL CUT: 6,897.56 C.Y.
- TOTAL FILL: 2,607.17 C.Y.

NOTE: EARTHWORK CUT AND FILL QUANTITIES INDICATED ON THIS PLAN ARE SHOWN FOR PURPOSES OF OBTAINING SEDIMENT CONTROL PLAN APPROVAL AND NOT TO BE USED FOR CONTRACTUAL OBLIGATIONS. CONTRACTOR IS RESPONSIBLE TO VERIFY QUANTITIES.

REQUIRED SEQUENCE OF CONSTRUCTION

- NOTIFY THE CARROLL COUNTY BUREAU OF SEDIMENT CONTROL (410-386-2210) 24 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. ALL PROTECTION FENCING AND PERMANENT SIGNS REQUIRED UNDER THE CARROLL COUNTY CODE OF PUBLIC LAWS AND ORDINANCES, FOREST CONSERVATION (CHAPTER 150) AND WATER RESOURCE MANAGEMENT (CHAPTER 154) SHALL BE INSTALLED PRIOR TO THE PRE-CONSTRUCTION MEETING WITH THE CARROLL COUNTY SEDIMENT INSPECTOR.
- INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCES AND SUPER SILT FENCES PER PLAN.
- GRADE SITE.
- INSTALL LEVEL SPREADERS PER DETAILS.
- NOTE: LEVEL SPREADERS MUST BE INSPECTED BY CERTIFYING PROFESSIONAL ENGINEER OR APPROVED REPRESENTATIVE OF CERTIFYING PROFESSIONAL ENGINEER.
- INSTALL SOLAR PANELS.
- WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES. FINAL STABILIZE ALL DISTURBED AREAS.

NOTE:
ALL SEDIMENT CONTROL MEASURES SHOWN HEREON ARE TEMPORARY UNLESS OTHERWISE NOTED.

NOTE:
ALL STOCKPILE AREAS SHALL BE CONFINED WITHIN PERIMETER CONTROLS. IN THE EVENT THAT STOCKPILE AREAS MUST BE LOCATED OUTSIDE OF DISTURBED AREAS, THE LOCATION SHALL BE AS DIRECTED BY THE INSPECTOR IN THE FIELD.

STABILIZATION SPECIFICATIONS

TEMPORARY SEEDING NOTES

Scope: Planting short term (no more than 6 Months) vegetation to temporarily stabilize any areas where soil disturbance has occurred, until the area can be permanently stabilized with vegetative or non-vegetative practices.

Standards: The following notes shall conform to Section B-4 of the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL published jointly by the Maryland Department of Environment - Water Management Administration, the National Resource Conservation Service and the Maryland Association of Soil Conservation Districts.

- The seed bed shall be prepared by loosening the soil to a depth of 3 to 5 inches and incorporating the lime and fertilizer into this loosened layer of soil. See section B-4-2.
- For temporary stabilization, fertilizer shall consist of a mixture of 10-20-20 and be applied at a rate of 4.36 lb. per acre (10 lb. per 1000 sq. ft.) and will meet the requirements in section B-4-2. Lime shall be applied at a rate of 2 tons per acre (80 lb. per sq. ft.) and shall meet the requirements in section B-4-2 and B-4-4.
- Seed type and application shall meet the requirements in section B-4-3. Seed tags shall be made available to the inspector to verify the type and rate of seed used. Mulch type and its application will meet the requirements in section B-4-3 a, b and c and will be applied along with the seed or immediately after seeding.
- Seeding mixtures shall be selected from or will be equal to those on Table B. 1 (page B. 20).

Temporary Seeding Summary
The seeding chart below will need to be placed on and filed in on the sediment control plan.

Hardness Zone (from Figure B.3): 6B Seed Mixture (from Table B.1):				Fertilizer Rate (10-20-20)	Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depth	
1	Annual Ryegrass (Lolium perenne ssp. multiflorum)	40 lb/ac	3/15 - 5/31 8/1 - 2/30	0.5"	4.36 lb/ac (10 lb/1000 sq ft)
2	Perennial Millet (Spergula indica)	30 lb/ac	5/16 - 7/31	0.5"	

PERMANENT SEEDING NOTES

Scope: Planting permanent, long lived vegetative cover on graded and/or cleared areas and areas that have been in temporary vegetation for more than 6 months.

Standards: The following notes shall conform to Section B-4 of the 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL published jointly by the Maryland Department of Environment - Water Management Administration, the National Resource Conservation Service and the Maryland Association of Soil Conservation Districts.

The seed bed shall be prepared by loosening the soil to a depth of 3 to 5 inches and incorporating the lime and fertilizer into this loosened layer of soil. See section B-4-2.

For sites over 5 ac. soil tests will be performed. Soil tests will be conducted by the University of Maryland or a recognized commercial laboratory. Minimum soil conditions shall meet the requirements of section B-4-2-A-2-a, otherwise soil amendments or topsoil will need to be applied. Topsoiling may occur when soil conditions meet the minimum requirements as stated in section B-4-2-B. Soil amendments must meet the requirements as set forth in section B-4-2-C and must be applied as indicated by the soils tests.

For sites of 5 ac. or less of disturbance, the following fertilizer and lime rates shall apply. Fertilizer shall consist of a mixture of 10-20-20 and be applied at the following rates: N = 4.36 lb. per acre (10 lb. per 1000 sq. ft.), P2O5 = 30 lb. per acre (2 lb. per 1000 sq. ft.), K2O = 30 lb. per acre (2 lb. per 1000 sq. ft.). Lime shall be applied at a rate of 2 tons per acre (80 lb. per 1000 sq. ft.).

Seed type, turfgrass or sod application shall meet the requirements in section B-4-5. Seed tags shall be made available to the inspector to verify the type and application rate of seed used. Mulch type and its application will meet the requirements in section B-4-3 a, b and c, and will be applied along with seed or immediately after seeding.

Seeding mixtures shall be selected from or will be equal to those on Table B-2. The seeding chart below will need to be placed on and filed in on the sediment control plan.

Hardness Zone (from Figure B.3): 6B Seed Mixture (from Table B.3):				Fertilizer Rate (10-20-20)	Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depth	
*9	Improved Tall Fescue (Lolium arundinaceum)	80 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	4.5 pounds per acre (10 lb/1000 sq ft)
	Improved Kentucky Bluegrass	40 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	
	Improved Perennial Ryegrass	20 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	
*11	Swainson Grass (Panicum virgatum)	10 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	4.5 pounds per acre (10 lb/1000 sq ft)
	Creeping Red Fescue (Festuca rubra)	15 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	
	Partridge Pea (Chamaecrista fascicularis)	4 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in	

*9 - use 1 variety on the MD/VA recommended list (TT-77)
*11 - use 2-4 varieties on the MD/VA recommended list (TT-77)

Tracking notes:
On areas where the slope is 3:1 or steeper and the height is 5' or greater, contractor shall track the slope using cleared dazer prior to placing asphalt blider. Dazer shall run up-and-down so that dazer marks are horizontal. Where tracking is required, it shall be done from existing grade level to finished grade level within the limits established by the 3' height criteria.

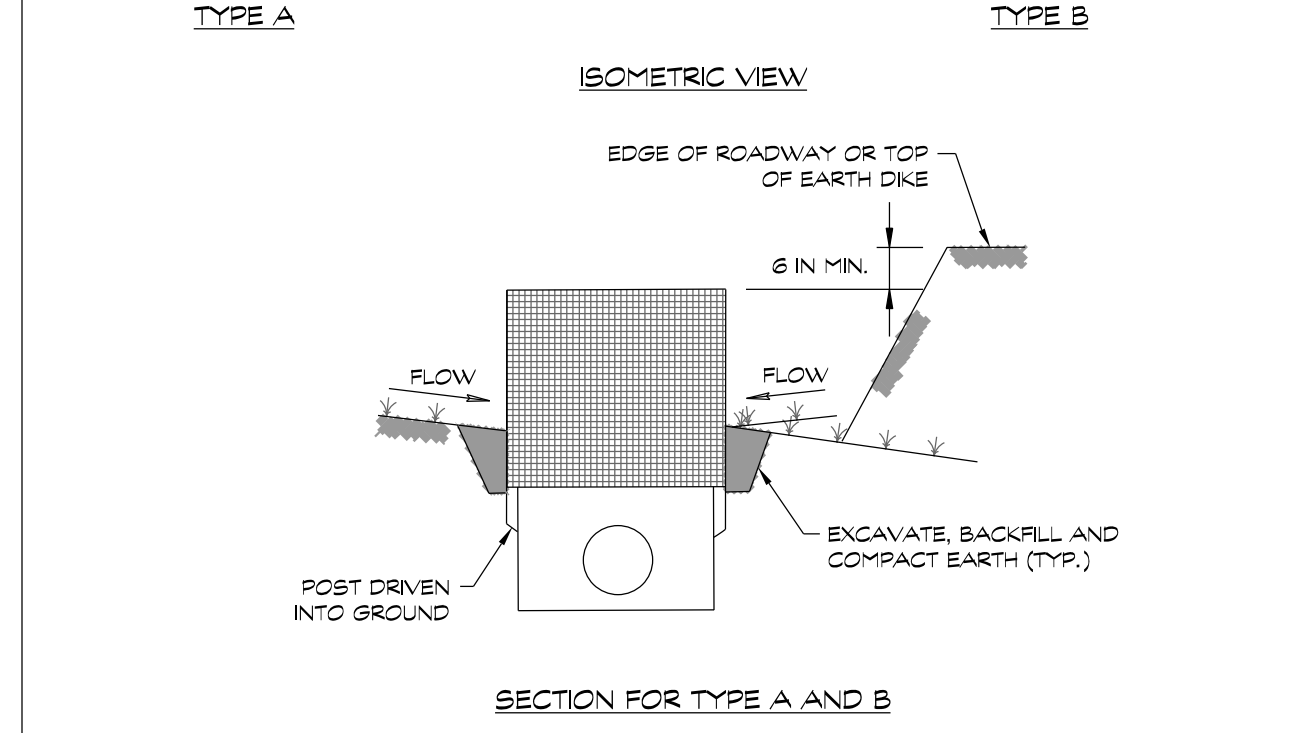
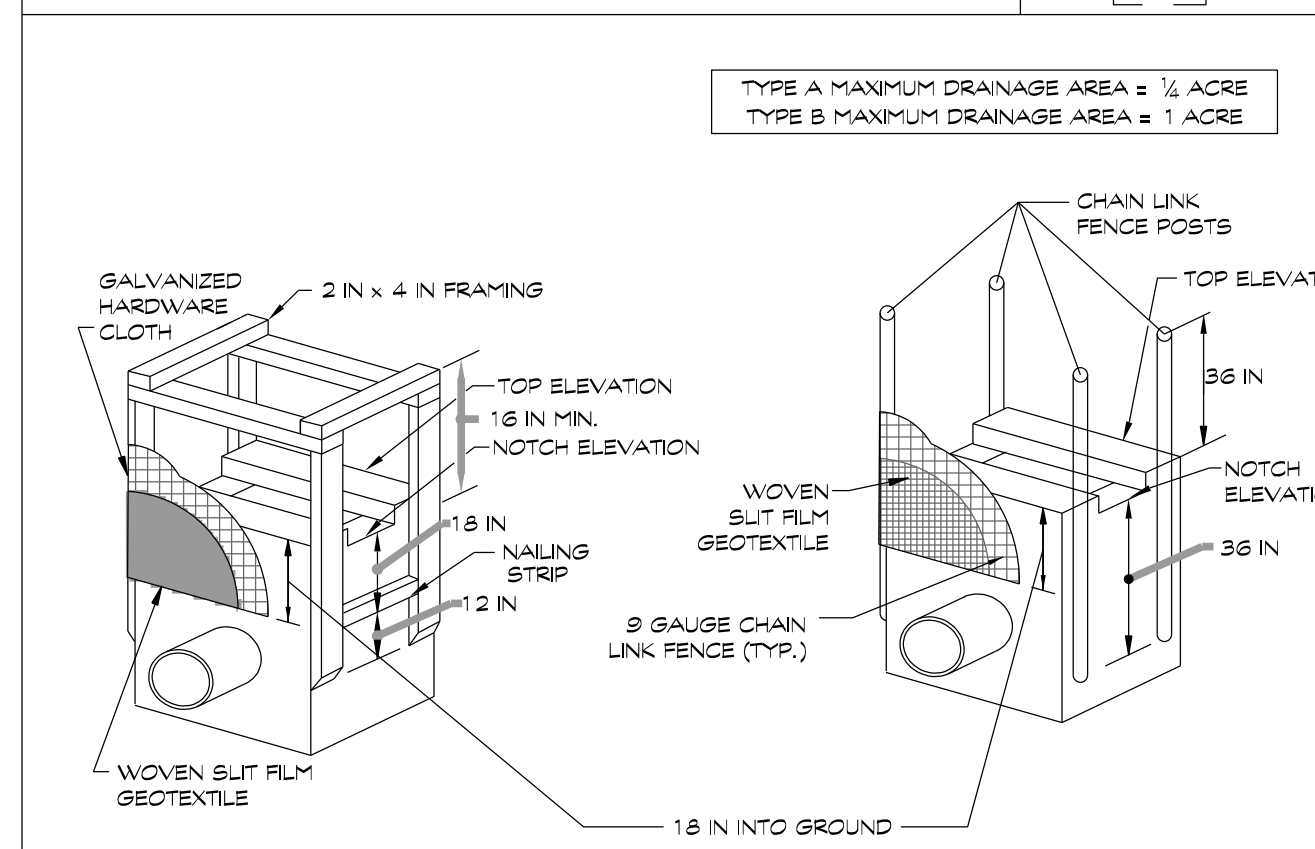
UTILITY CONSTRUCTION NOTES

- Place all excavated material on the high side of the trench.
- Only do as much work as can be done in one day so backfilling, final grading, and permanent stabilization can occur.
- Any sediment control measures disturbed by the utility construction will be repaired the same day.

STOCKPILE/TOPSOIL NOTES

- Stockpiling will not be allowed on any impervious areas.
- All stockpiles left at the end of the day will need to be temporarily stabilized until they are again disturbed, unless they are within existing perimeter sediment controls.
- All stockpile areas shall be confined within perimeter controls. In the event that stockpile areas must be located outside disturbed areas, the location shall be as directed by the inspector in the field.

DETAIL E-9-1 STANDARD INLET PROTECTION



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

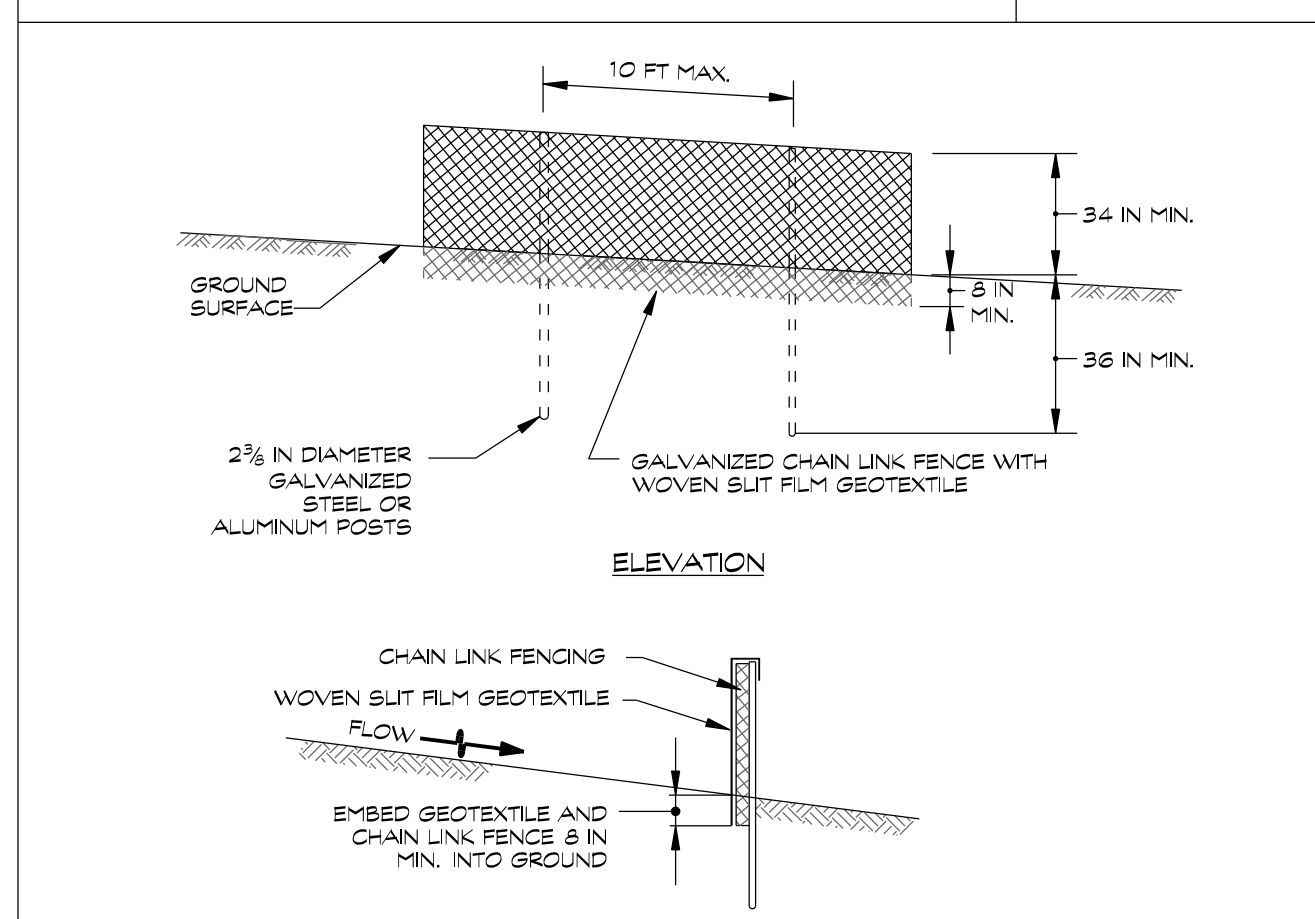
DETAIL E-9-1 STANDARD INLET PROTECTION

CONSTRUCTION SPECIFICATIONS

- USE WOVEN SILT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 1.8 INCHES BELOW THE NOTCH ELEVATION.
- FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2X4 FRAME AS SHOWN. STRETCH 1/2 INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 1.8 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.
- FOR TYPE B, USE 2 3/4 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH, DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 3 GAUGE OR HEAVIER CHAIN LINK FENCE, 4.2 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 1.8 INCHES BELOW THE WEIR CREST.
- BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

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

DETAIL E-3 SUPER SILT FENCE

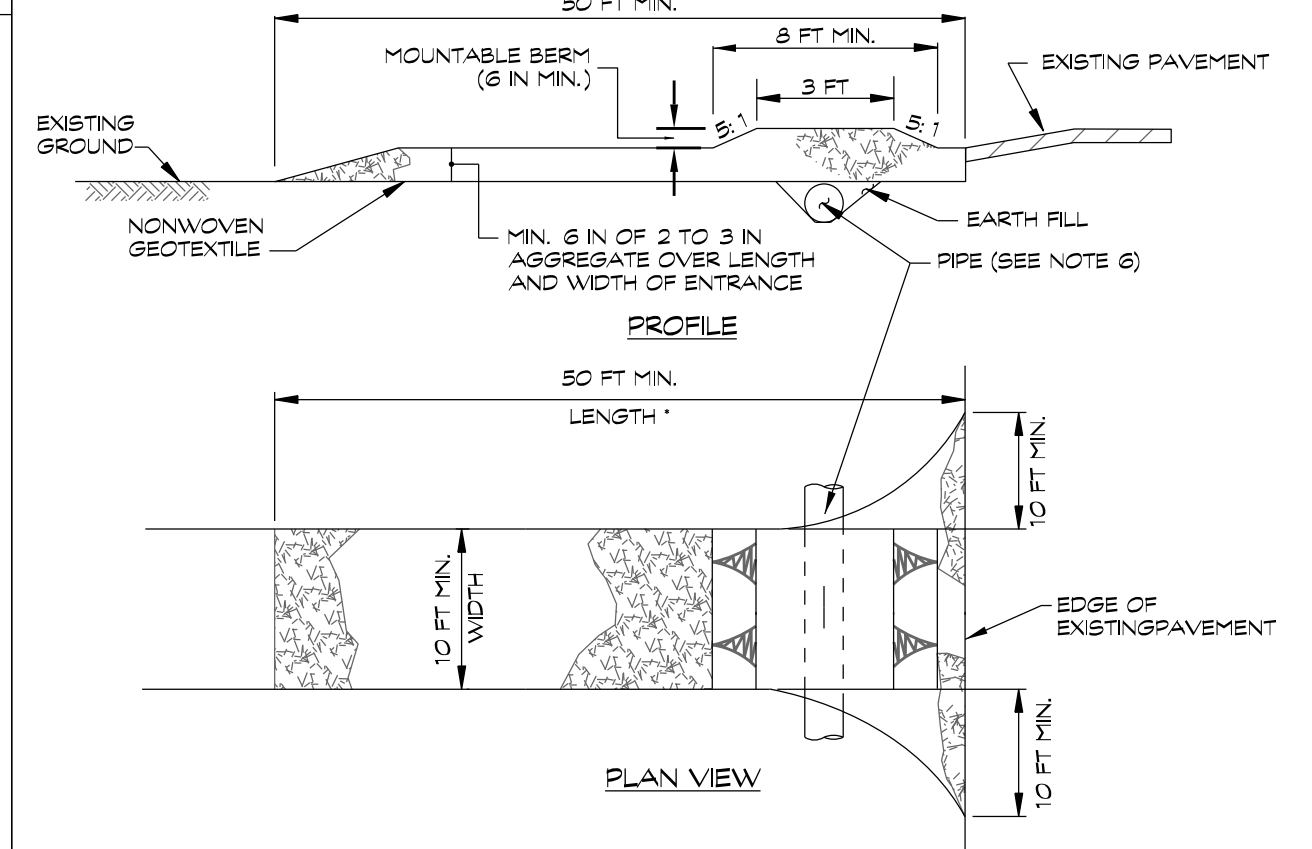


CONSTRUCTION SPECIFICATIONS

- 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 3 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 3/4 INCH MAXIMUM OPENING) 4.2 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG 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 UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL	
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DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE



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 (30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE 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 1.2 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 SHILLED, PROPPED, 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 WATER MANAGEMENT ADMINISTRATION	

OWNER
SYKESVILLE MD PROPCO LLC
C/O THE PORTICCOLO GROUP
440 SYLVAN AVE STE 240
ENGLWOOD CLIFFS NJ 07632

DEVELOPER
HEEP SOLAR, LLC
400 REILA BLVD
MONTEBELLO, NY 10901
908-678-2255

SEDIMENT CONTROL NOTES AND DETAILS

COPPER RIDGE

5th ELECTION DISTRICT
TAX MAP: 7B
SYKESVILLE, CARROLL COUNTY, MD.
BLOCK: 3
PARCEL: 662

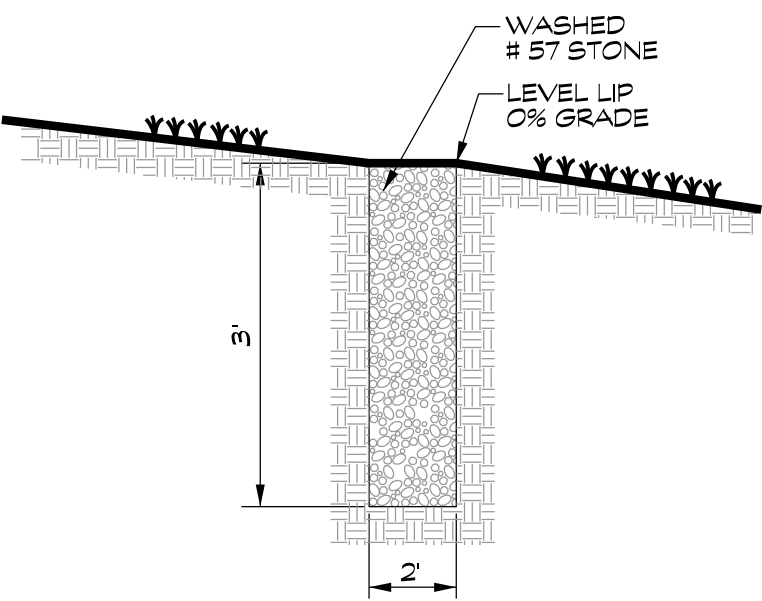
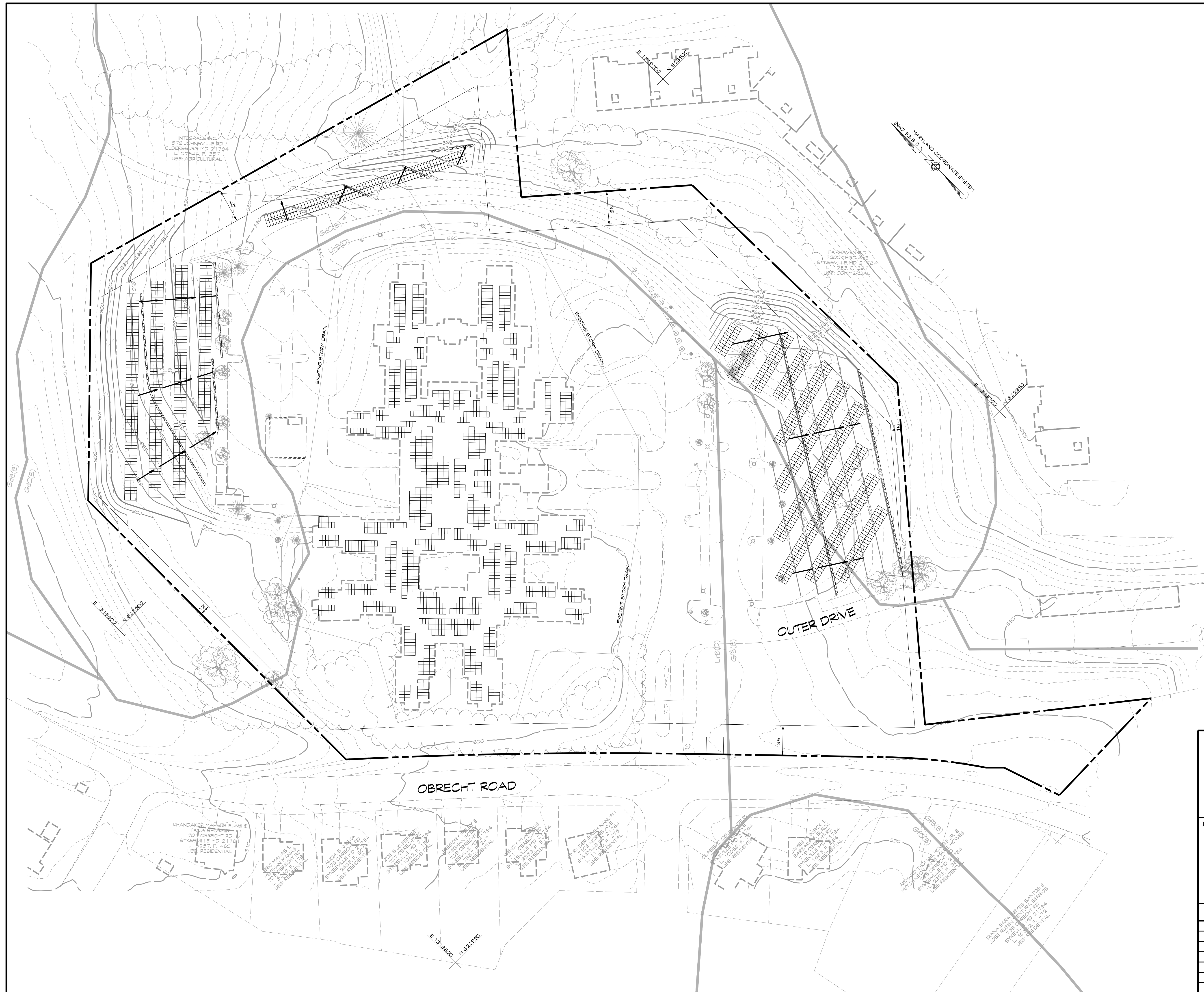
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STATE OF MARYLAND
DEPARTMENT OF ENVIRONMENT
PROFESSIONAL ENGINEER
BRATON D. MOORE, P.E.

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PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 81288, EXPIRATION DATE: DECEMBER 7, 2025

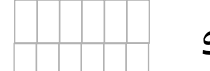

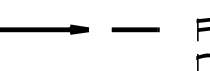
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		DESIGNED BY:
		REVIEWED BY:
		DATE: DEC., 2024
		SCALE: N/A
		JOB NO.: 058235
		SHEET: 4 OF 6



TYPICAL LEVEL SPREADER SECTION
NOT TO SCALE

NOTE:
* CONTRACTOR TO ADJUST SPREADER
SO THAT IT REMAINS LEVEL AND PARALLEL
WITH THE CONTOURS.

LEGEND

-  SOLAR PANELS
-  LEVEL SPREADER
-  FLOW PATH FROM DRIP EDGE OF PANELS

NOTES:
SOLAR PANELS TO BE ORIENTED WITH DRIP
EDGE FACING THE SOUTH / SOUTH EAST.
SOLAR FIELDS TO BE PLANTED WITH APPROVED
SOLAR FARM SEED MIX.

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**STORMWATER
MANAGEMENT PLAN
COPPER RIDGE**

5th ELECTION DISTRICT SYKESVILLE, CARROLL COUNTY, MD.
TAX MAP: 78 BLOCK: 3 PARCEL: 662



NOT FOR CONSTRUCTION

Engineers • Surveyors

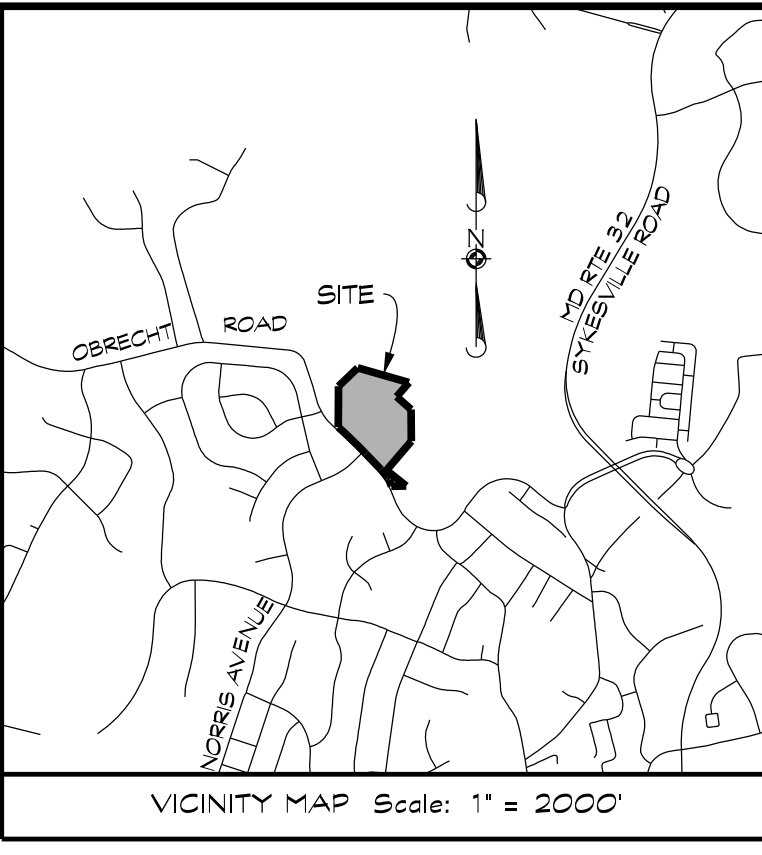
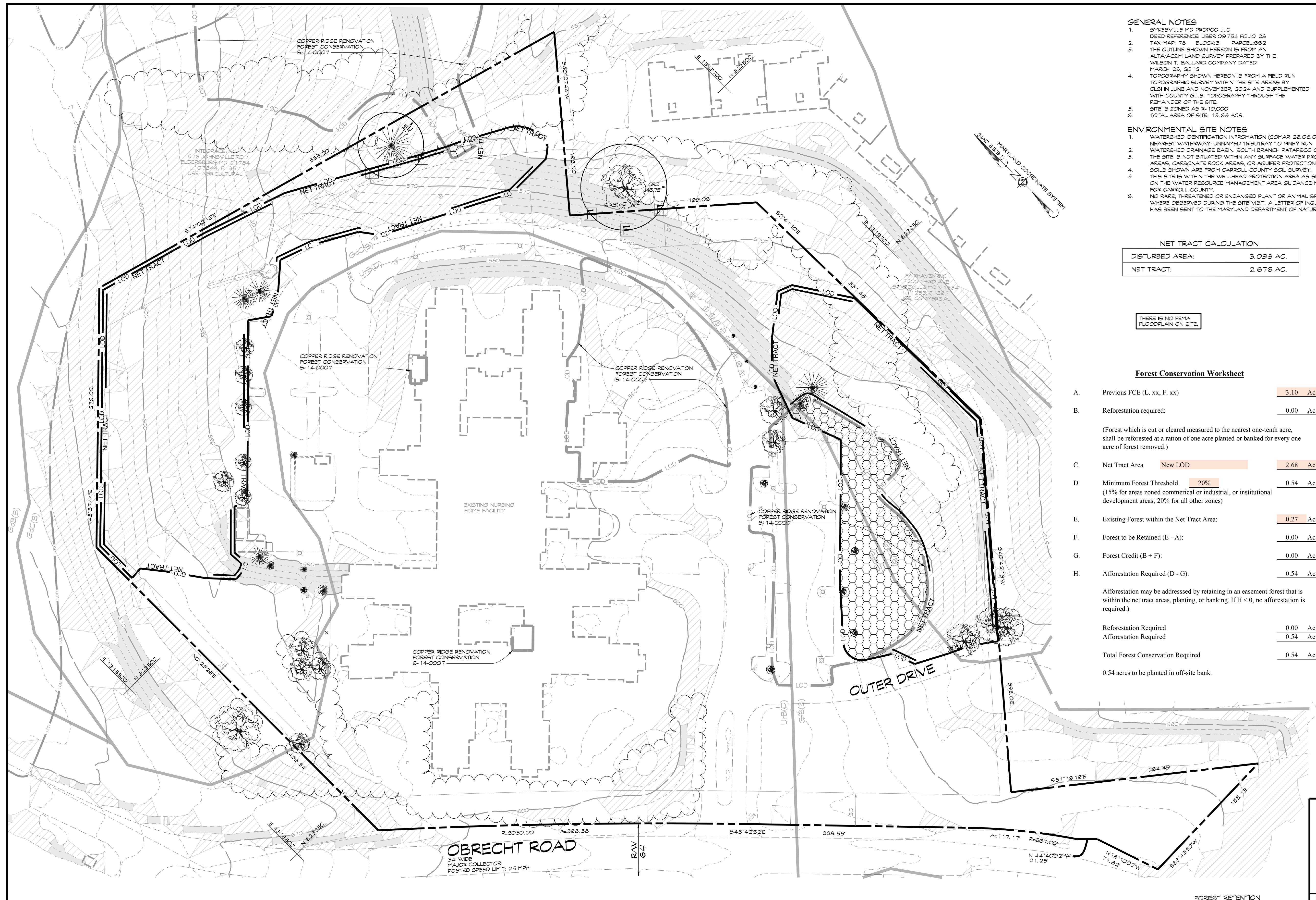


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		DESIGNED BY:
		REVIEWED BY:
		DATE: DEC., 2024
		SCALE: 1" = 50'
		JOB NO.: 058235
		SHEET: 5 OF 6



- GENERAL NOTES**
1. SYKESVILLE MD PROPCO LLC DEED REFERENCE: LIBER 09754 FOLIO 28 TAX MAP: 78 BLOCK: 3 PARCEL: 662
 2. THE OUTLINE SHOWN HEREON IS FROM AN ALTA/ACSM LAND SURVEY PREPARED BY THE WILSON T. BALLARD COMPANY DATED MARCH 23, 2012
 3. TOPOGRAPHY SHOWN HEREON IS FROM A FIELD RUN TOPOGRAPHIC SURVEY WITHIN THE SITE AREAS BY CLSI IN JUNE AND NOVEMBER, 2024 AND SUPPLEMENTED WITH COUNTY G.I.S. TOPOGRAPHY THROUGH THE REMAINDER OF THE SITE.
 4. SITE IS ZONED AS R-10,000
 5. TOTAL AREA OF SITE: 13.68 ACS.

- ENVIRONMENTAL SITE NOTES**
1. WATERSHED IDENTIFICATION INFORMATION (COMAR 26.08.02.08) NEAREST WATERWAY: UNNAMED TRIBUTARY TO PINEY RUN WATERSHED DRAINAGE BASIN: SOUTH BRANCH PATAPSCO C.O. 130908
 2. THE SITE IS NOT SITUATED WITHIN ANY SURFACE WATER PROTECTION AREAS, CARBONATE ROCK AREAS, OR AQUIFER PROTECTION AREAS.
 3. SOILS SHOWN ARE FROM CARROLL COUNTY SOIL SURVEY. THIS SITE IS WITHIN THE WELLSHEAD PROTECTION AREA AS SHOWN ON THE WATER RESOURCE MANAGEMENT AREA GUIDANCE MAP FOR CARROLL COUNTY.
 4. NO RARE, THREATENED OR ENDANGERED PLANT OR ANIMAL SPECIES WERE OBSERVED DURING THE SITE VISIT. A LETTER OF INQUIRY HAS BEEN SENT TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES.

NET TRACT CALCULATION

DISTURBED AREA:	3.098 AC.
NET TRACT:	2.676 AC.

THERE IS NO FEMA FLOODPLAIN ON SITE.

Forest Conservation Worksheet

A.	Previous FCE (L, xx, F, xx)	3.10 Ac.
B.	Reforestation required:	0.00 Ac.
C.	Net Tract Area New LOD	2.68 Ac.
D.	Minimum Forest Threshold 20% (15% for areas zoned commercial or industrial, or institutional development areas; 20% for all other zones)	0.54 Ac.
E.	Existing Forest within the Net Tract Area:	0.27 Ac.
F.	Forest to be Retained (E - A):	0.00 Ac.
G.	Forest Credit (B + F):	0.00 Ac.
H.	Afforestation Required (D - G):	0.54 Ac.
Afforestation may be addressed by retaining in an easement forest that is within the net tract areas, planting, or banking. IF H < 0, no afforestation is required.)		
Reforestation Required		0.00 Ac.
Afforestation Required		0.54 Ac.
Total Forest Conservation Required		0.54 Ac.
0.54 acres to be planted in off-site bank.		

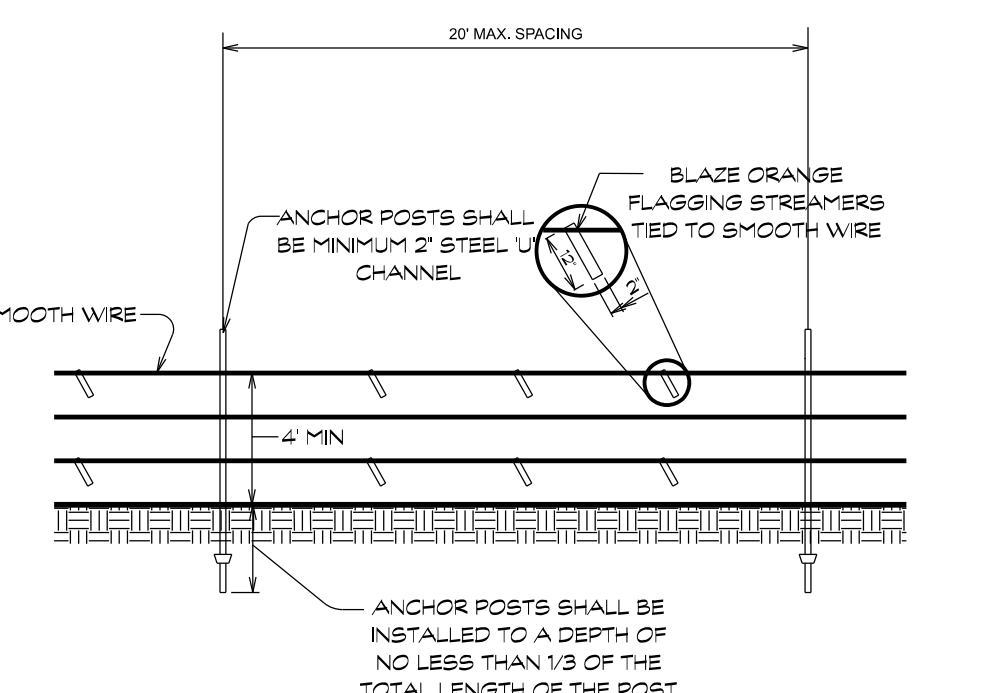
FOREST CONSERVATION NARRATIVE

THIS FOREST CONSERVATION PLAN WAS PREPARED IN ACCORDANCE WITH THE CARROLL COUNTY FOREST CONSERVATION ORDINANCE, CHAPTER 130 AND IN COMPLIANCE WITH THE SPECIFICATIONS OF THIS ORDINANCE. THIS SUBDIVISION CONSISTS OF A 13.68 AC. TRACT OF LAND AND IS ZONED R-10,000 (RESIDENTIAL). AND IS CURRENTLY OCCUPIED BY A RETIREMENT COMMUNITY. THE FOREST CONSERVATION THRESHOLD FOR THIS PROPERTY IS CALCULATED ACCORDINGLY. THE ORIGINAL APPROVED SITE PLAN FOR COPPER RIDGE (CO FILE NO. 2-14-0007) SHOWS A PORTION OF THE ORIGINAL NET TRACT AREA. THE PROPOSED LIMIT OF DISTURBANCE FOR THIS PROJECT IS 10 ACRES OF WHICH A PORTION OF THE ORIGINAL NET TRACT IS INCLUDED, RESULTING IN 0.54 ACRES OF FOREST TO BE PROVIDED FOR THIS PROJECT. REQUIREMENTS FOR FORESTRY WILL BE PROVIDED THROUGH AN OFF-SITE FOREST BANK. NO FORESTED AREAS OR SPECIMEN TREES EXIST WITHIN THE PROPOSED NET TRACT AREA (LIMIT OF DISTURBANCE) AS SHOWN HEREON. HOWEVER, TWO SPECIMEN TREES WERE LOCATED IN CLOSE PROXIMITY TO THESE AREAS. THESE TREES HAVE BEEN FLAGGED AND IDENTIFIED AND ARE SHOWN HEREON.

SITE NARRATIVE

ON NOVEMBER 12, 2024, A SITE VISIT WAS CONDUCTED AT THE SITE LOCATED AT 110 OBRECHT ROAD IN SYKESVILLE, MD. THIS SITE IS ZONED FOR RESIDENTIAL USE IN CARROLL COUNTY. THIS SITE IS SURROUNDED BY URBAN AREAS AND FARM-LAND. THE SITE IS BORDERED TO THE SOUTH BY A RESIDENTIAL NEIGHBORHOOD AND CONSISTS OF AN ACCESS ROAD, BUILDINGS AND ASSOCIATED STRUCTURES. (AS APPROVED ON PREVIOUS SITE PLAN). NO SAMPLE PLOTS WERE SURVEYED AS PROPOSED AREAS WITHIN NET TRACT AREA DO NOT CONTAIN FOREST OR SPECIMEN TREES. NOTED AREAS CONSISTED OF OPEN GRASSY AREAS AND PAVED DRIVEWAYS AND PARKED IMPERVIOUS WITH NO FOREST COVER OR UNDERSTORY. THERE IS ONE SPECIMEN TREE AND PREVIOUSLY PLANTED TREES ON THE EASTERN EDGE OF THE PROPERTY. HOWEVER, THIS AREA IS TOO LARGE ENOUGH TO BE DESCRIBED AS FOREST. THE SITE CONTAINS A VARIETY OF LANDSCAPE TREES AND SHRUBS. PROVIDED IN ACCORDANCE WITH THE PREVIOUS SITE PLAN. NO RARE OR THREATENED SPECIES WERE OBSERVED DURING THE SITE VISIT AND A LETTER OF INQUIRY HAS BEEN SUBMITTED TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES NATURAL HERITAGE PROGRAM.

FOREST PROTECTION FENCE TWO OR THREE STRAND SMOOTH WIRE



- NOTES:**
1. FOREST PROTECTION DEVICE ONLY
 2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS
 5. SMOOTH WIRE SHOULD BE SECURELY ATTACHED TO POSTS
 6. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION
 7. PROTECTIVE SIGNS ARE ALSO RECOMMENDED.

OWNER
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DEVELOPER
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FOREST STAND DELINEATION AND FOREST CONSERVATION PLAN COPPER RIDGE

5th ELECTION DISTRICT TAX MAP: 78 BLOCK: 3 PARCEL: 662 SYKESVILLE, CARROLL COUNTY, MD.

NOT FOR CONSTRUCTION

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		SHEET: 6 OF 6

- LEGEND**
- 25% SLOPES
 - 15 - 25% SLOPES
 - ABC(D) - SOIL TYPE
 - SOIL LINE
 - LOD - LIMIT OF DISTURBANCE
 - EXISTING TREELINE
 - NET TRACT - NET TRACT AREA
 - ⊗ - FIRE HYDRANT
 - LOD - PREVIOUS LOD
 - ⊗ - SPECIMEN TREE
 - F - SPECIMEN TREE PROTECTION SIGN

- FOREST CONSERVATION NOTES**
1. Plan prepared by C.L.S.I. Field data prepared by Wright Environmental & Land Services, LLC
 2. The subject property is zoned commercial
 3. Attachment of signs or any other object, to trees is prohibited.
 4. No equipment, machinery, vehicles, materials or excessive pedestrian traffic shall be allowed in conservation areas. Signs to be posted as noted on plan sheet.
 5. All protective devices must be in place prior to any grading which includes signs and fencing.
 6. Pre-Construction meeting: Before any disturbance, the developer, contractor or project manager and local inspector shall attend. Temporary parking, stockpile, staging and fueling area will be shown to all personnel.
 7. Any changes made to the Forest Conservation Plan due to On-Site conditions shall be made in consultation with a Representative of the Bureau of Resource Management.
 8. No burial of discarded materials will occur on-site.
 9. No open burning within 100 feet of a wooded area.

FOREST PROTECTION PLAN

The limit of disturbance (L.O.D.) for construction will be marked by the contractor along the L.O.D. as shown on the plan sheet. The edge of the tree line to remain will be field checked by a qualified professional. After the edge is checked the Critical Root Zone will be flagged using the formula: 1" of D.B.H. equals 1' of radius for the critical root zone. During the flagging of the C.R.Z., a tree by tree evaluation will be made along the edge, not only for the root zone establishment but for the trees overall condition as well as survival potential. For Specimen trees the C.R.Z. is 1.8' times the diameter or breast height. Once the C.R.Z. is established, the L.O.D. will be re-adjusted to conform with the field flagging. At this time the contractor will install the following protection devices, see details. The temporary protection device will be (see detail), Blaze Orange plastic mesh protection fence. It will be accompanied by "Retention Forest" signs every 100'. The fence will be installed once the C.R.Z. has been established and the L.O.D. located, as mentioned previously. This protection device will be installed prior to any construction activity. DO NOT PUT SIGNS ON TREES!!!

No equipment, machinery, vehicle, materials or excessive pedestrian traffic will be allowed in the Critical Root Zone Area. Therefore, no openings through the fence will be allowed. Entrance to the protected area will occur only if necessary for repair of accidental injury to the tree. This protective tree device will remain in place and will be maintained throughout the life of the construction project.

To help reduce the possibility of disturbance within an identified forest protection area, a pre-construction meeting will take place after the boundaries of the L.O.D. have been staked and flagged and the forest protection devices have been installed. The employees of the construction crew will be informed of the importance of the trees slated for retention. During the pre-construction meeting the temporary parking location, stockpile area, staging and fueling area will be shown to all personnel.

NOTE: Concrete Wash-Out will be performed where indicated.

FOREST PROTECTION FENCE & SIGNS

TREE PROTECTION FENCE

SIGNS
Forest Retention Area:
Specimen Tree Protection:
Total Signs: 150

NOTE: This estimate for bond purposes only. Contractor is responsible to confirm or provide own estimate for bidding purposes.

SOILS CHART (CARROLL COUNTY FC TECHNICAL MANUAL)

SOIL TYPE	SOIL SERIES	ERODIBILITY FACTOR x 0.35	HYDRIC
UB	URBAN LAND UNDERMENTS	-	-
SC	GLENEG LOAM	-	-
SB	GLENEG URBAN	-	-

SPECIMEN TREE CHART

No.	D.B.H.	COMMON NAME	BOTANICAL NAME	CONDITION
1	30.8'	PN OAK	Quercus palustris	GOOD
2	35.0'	EASTERN WHITE PINE	Pinus strobus	FAIR

1 - OFF-SITE

FOREST RETENTION SIGN - DETAIL F

FOREST RETENTION AREA

MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS PROHIBITED

VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1991

PLACED APPROXIMATELY EVERY 100 FT.