

ADDENDUM #1 Issued: January 6th, 2023

THE PURPOSE OF ADDENDUM IS TO <u>MAKE CHANGES</u>, AND P<u>ROVIDE ANSWERS TO THE REQUEST FOR</u> <u>CLARIFICATIONS</u> TO THE RFP DOCUMENTS.

Please make changes to the RFP documents as follows:

- Item 1-1Question:Can any portion of Middlebrook Road or Observation Drive be temporarily closed, and will a
Traffic Control Plan be issued be issued?
 - <u>Answer:</u> Yes; a Traffic Control Plan will be issued at a later date and will be utilized by the Owner and Design Team to attain a Lane Closure Permit. The Lane Closure Permit will apply to temporary lane closure of a portion of one lane along Observation Drive adjacent to the work area.
- Item 1-2 Question: Is there flexibility as to the location of the Stabilized Construction Entrance (S.C.E.)?
 - <u>Answer:</u> The Stabilized Construction Entrance (S.C.E.) has been eliminated with Addendum #1; the site will now be accessed from an existing curb cut and concrete apron along Observation Drive as shown in Addendum 1.
- Item 1-3 <u>Question:</u> Will a laydown/staging area be provided?
 - Answer: Yes. A laydown/staging area has been added to the plans with Addendum #1.
- Item 1-4 <u>Question</u>: Will the Contractor be responsible for removing the existing No Parking Sign and the existing obsolete telephone pole tie-down anchor within the project limits?
 - <u>Answer:</u> Yes, pending approval from the Right-of-Way Inspector at the pre-construction meeting. Removal of these items pending approval has been added to the plans with Addendum #1.
- **Item 1-5** Please <u>delete</u> the Montgomery College COVID-19 Mandates and vaccination proof requirements throughout the RFP documents, including but not limited to the following:
 - A. "Appendix B" in the Table of Contents
 - B. Part 15 in Section 002113-8 in its entirety.
 - C. Part 1.2 m) in Section 002413-4
 - D. Part 5.L. in Section 004213 A-2.



ADDENDUM #1 Issued: January 6th, 2023

The following items offer clarification that <u>do not change</u> the requirements of the RFP documents.

- Item 1-6 Question: What permits will the Contractor be responsible for attaining?
 - <u>Answer:</u> The Contractor will not be responsible for attaining permits; the Owner and Design Team is in the process of attaining a Work in the Public Right-of-Way Permit, a Building Permit, a Tree Removal Permit, and a Lane Closure Permit.
- **Item 1-7** <u>Question:</u> Will either of the adjacent sidewalks along Observation Drive or Middlebrook Road be able to be closed during construction?
 - <u>Answer:</u> A portion of the asphalt sidewalk along Observation Drive may be closed during working hours for the duration of the work effort. Sidewalk closure requirements are to be discussed with the Right-of-Way Inspector during the pre-construction meeting.
- **Item 1-8** <u>Question:</u> Is the Contractor responsible for repairing damage to existing conditions within the project area?
 - <u>Answer:</u> Yes. The Contractor is responsible for repairing any damage caused by construction to existing conditions within the project area to items including but not limited to lawns, appurtenances, utilities, curbs, and paving.
- Item 1-9 Question: Can the Contractor provide an alternative Construction Schedule for consideration?
 - Answer: Yes. The Contractor may provide an alternative Construction Schedule. The Contractor shall provide justification for any proposed deviations from the project milestone dates stated in the RFP. Depending on final Construction Schedule and weather, planting may occur during the Spring 2024 planting season as long as the grade is stabilized between construction and planting operations.
- Item 1-10 Question: Are there any restrictions regarding construction noise?
 - <u>Answer:</u> No. The site does not border a residential area and thus there are no specific restrictions that relate to construction noise.



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Item 1-11 Question: Are there requirements for Work Times?

<u>Answer:</u> Due to the location of the site, work times can be determined by the Contractor. Notice must be given to Montgomery College for hours worked on weekends.

All other specifications, terms and conditions remain unchanged.

Sections or Portions Reissued in Entirety

NONE

Drawings

C1.0 – Drawing limits and Limit of Disturbance (LOD) revised to show extended project limits north along Observation Drive; notes added regarding the removal of existing No Parking Sign and existing obsolete telephone pole tie-down anchor within the project limits; Sheet Index updated.

C1.01 – <u>*NEW SHEET*</u> Additional Existing Conditions Plan added to show extended project limits north along Observation Drive.

C1.1 – Drawing limits and Limit-of-Disturbance (LOD) revised to show extended project limits north along Observation Drive; Stabilized Construction Entrance (S.C.E.) re-located to correspond with existing curb cut and concrete apron.

C1.11 – <u>*NEW SHEET*</u> Additional Work in the Public Right of Way Plan added to show extended project limits north along Observation Drive.

C1.2 – Drawing Limits, Limit-of-Disturbance (LOD), and Tree Protection Fencing (TP) revised to show extended project limits north along Observation Drive.

C1.21 – <u>*NEW SHEET*</u> Additional Roadside Tree Plan added to show extended project limits north along Observation Drive.

L1.0 – Note added regarding coordination with Washington Gas due to the presence of existing gas lines within the project limits.

L2.0 – Note added regarding coordination with Washington Gas due to the presence of existing gas lines within the project limits.

L4.0 – Note added regarding coordination with Washington Gas due to the presence of existing gas lines within the project limits.



ADDENDUM #1 Issued: January 6th, 2023

Sketches NONE

Items Issued for Informational Purposes NONE

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Patrick Johnson, MBA Director of Procurement

Please sign below to acknowledge receipt of this Addendum and return with the Technical Proposal

submission. Failure to return this Acknowledgement of Addendum may deem a proposal nonresponsive.

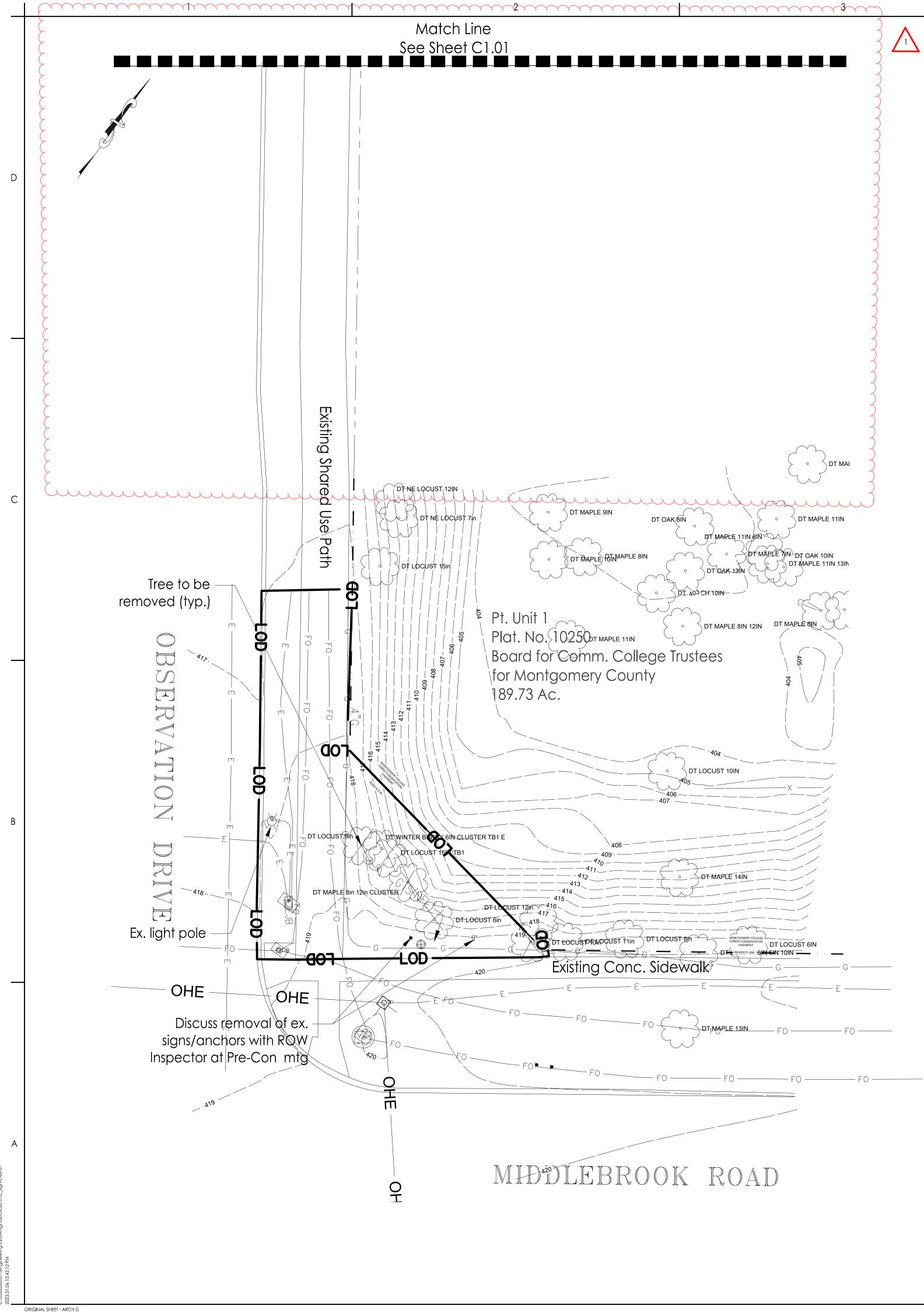
NOTE: ACKNOWLEDGEMENT OF RECEIPT OF RFP ADDENDA WILL NOT BE ACCEPTED BY FACSIMILE OR E-MAIL.

Company Name

Authorized Signature

Date

Printed/Typed Signature



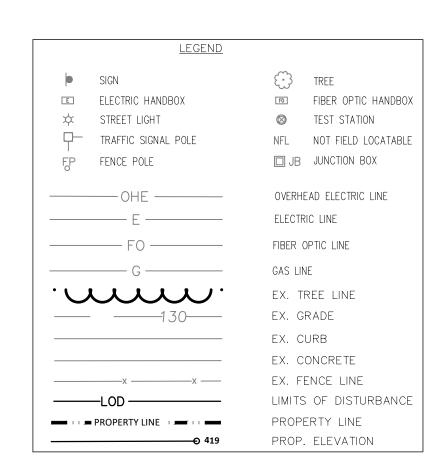
NARRATIVE

Montgomery College Germantown Campus is planning to build a sign in the public right of way to direct pedestrians and motorists to the Campus and the adjacent Holy Cross Germantown Hospital. The construction of the sign will disturb less than 5,000 sf; therefore, stormwater management and sediment control are not required.

Four trees will be removed as part of the development. Refer to the Roadside Tree Protection Plan for details.

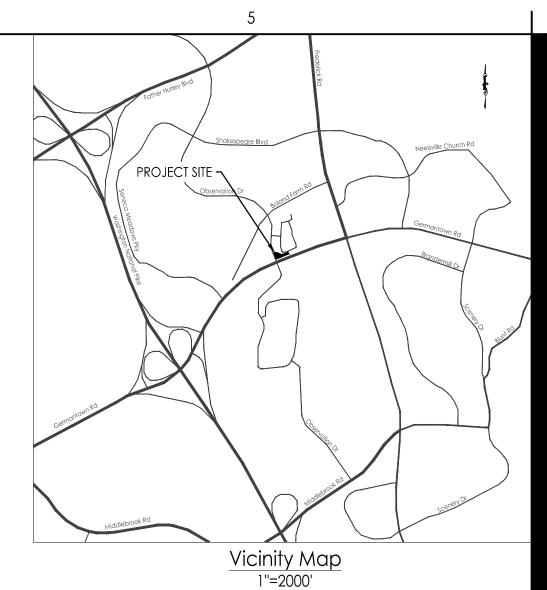
GENERAL NOTES

- 1. The boundary and topography information were obtained by a Stantec Consulting Ltd. field survey.
- 2. Contractor to remain outside of Forest Conservation Easement at all times.
- 3. See Roadside Tree Protection Plan for details on tree protection and removal. 4. Contractor to replace any damaged curb & gutter or shared use path in like and kind.



PROFESSIONAL CERTIFICATION

I hereby certify that these drawings have been prepared or approved by me, and that I am a duly licensed professional engineer under that laws of the State of Maryland, license No. 25768, expiration date 6/21/2023.





Stantec Consulting Services Inc. 6 Montgomery Village Avenue Suite 620 Gaithersburg MD 20879-3547 Tel: (301) 444-8282 www.stantec.com

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Notes

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Permit/Seal

Client/Project Logo

Client/Project MONTGOMERY COLLEGE GERMANTOWN CAMPUS OBSERVATION DRIVE SIGN

MIDDLEBROOK ROAD AT OBSERVATION DRIVE

TITLE

Existing Conditions Plan

Scale Project No. 1''=10' 2026262031 Revision Sheet Drawing No. C1.0 1 of 6

C1.0 Existing Conditions Plan

C1.11 Work in ROW Plan

C1.21 Roadside Tree Plan

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Existing Conditions Plan

Work in ROW Plan

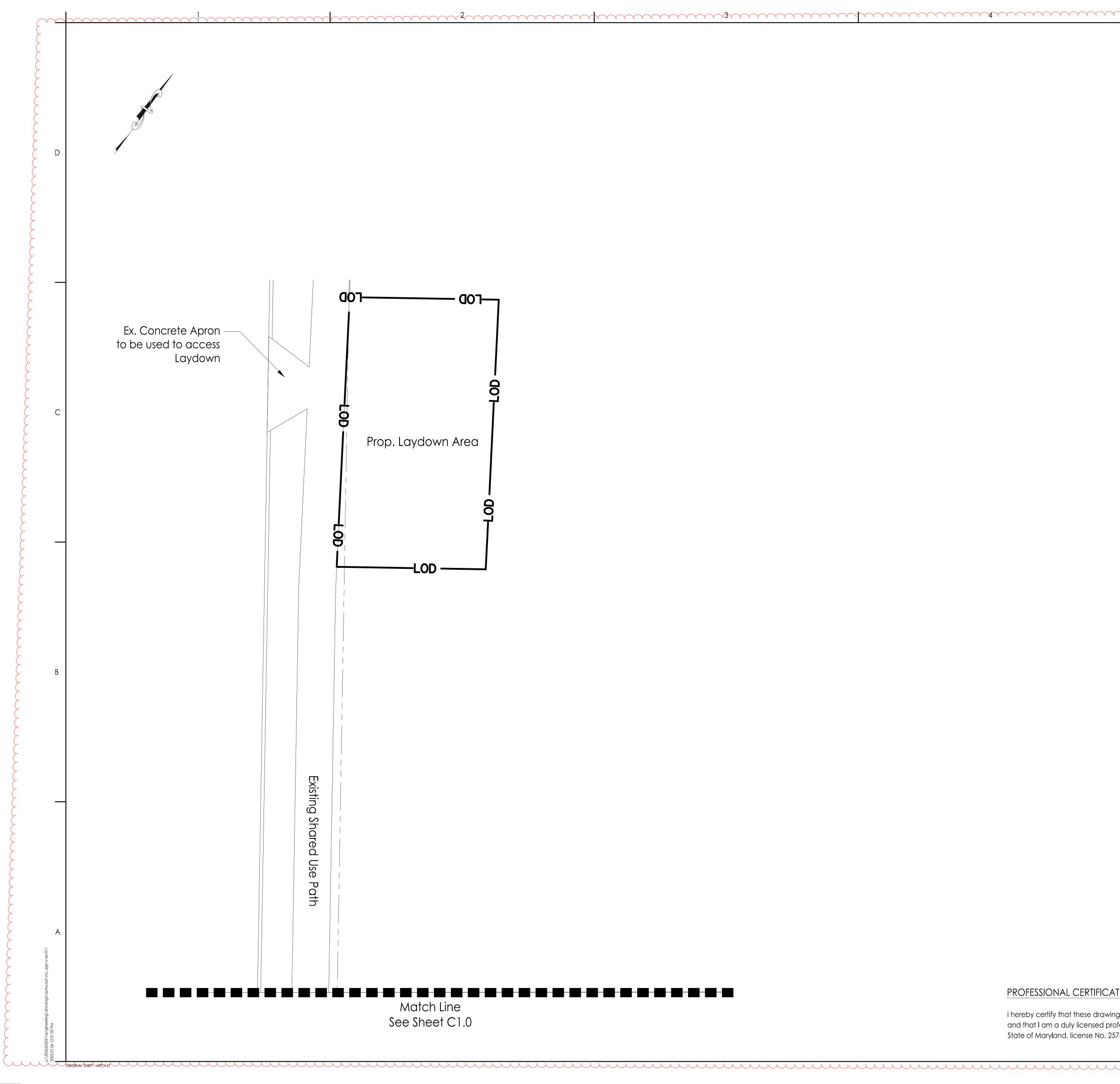
Roadside Tree Plan

SHEET INDEX

C1.01

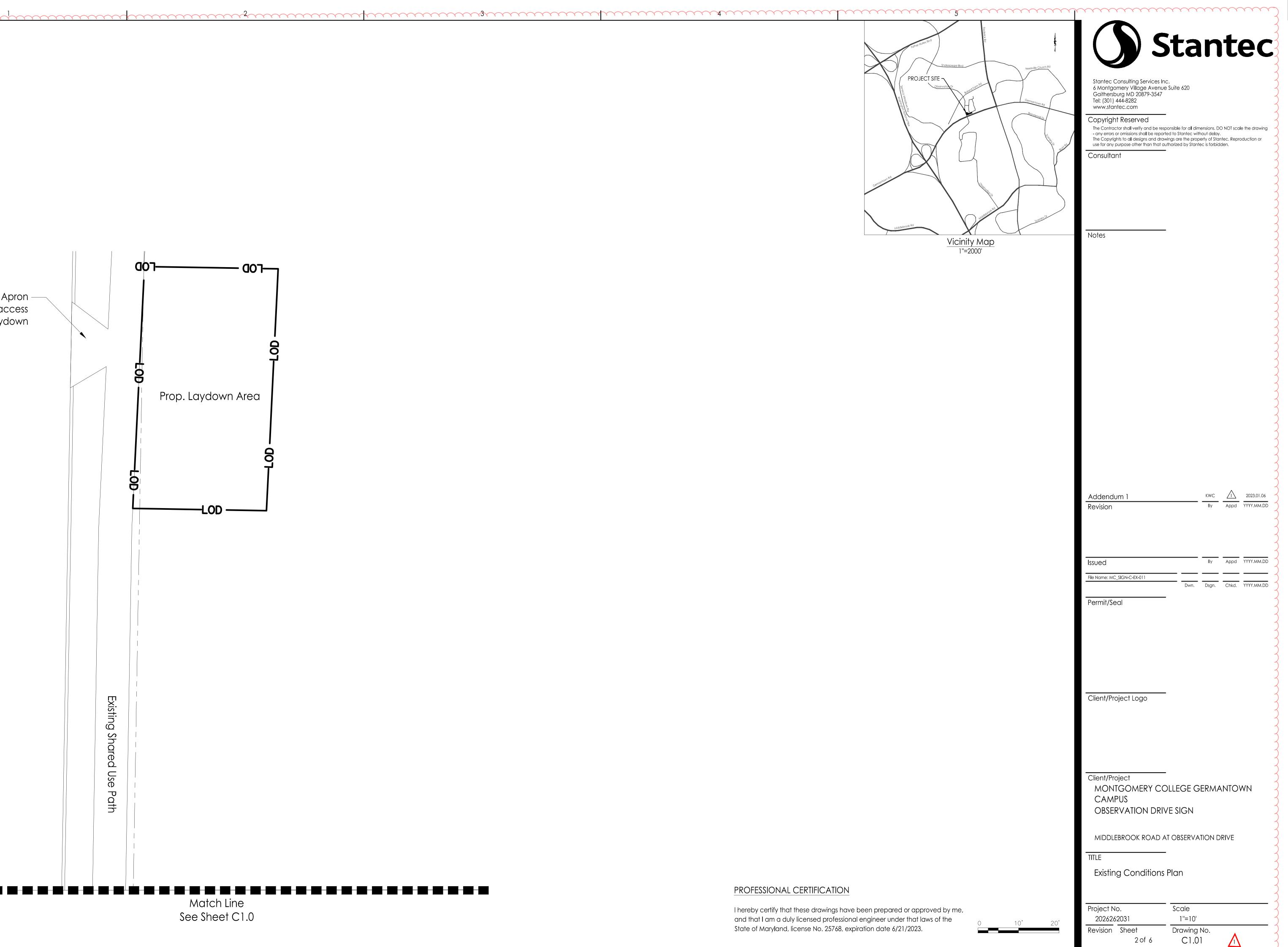
C1.1

C1.2

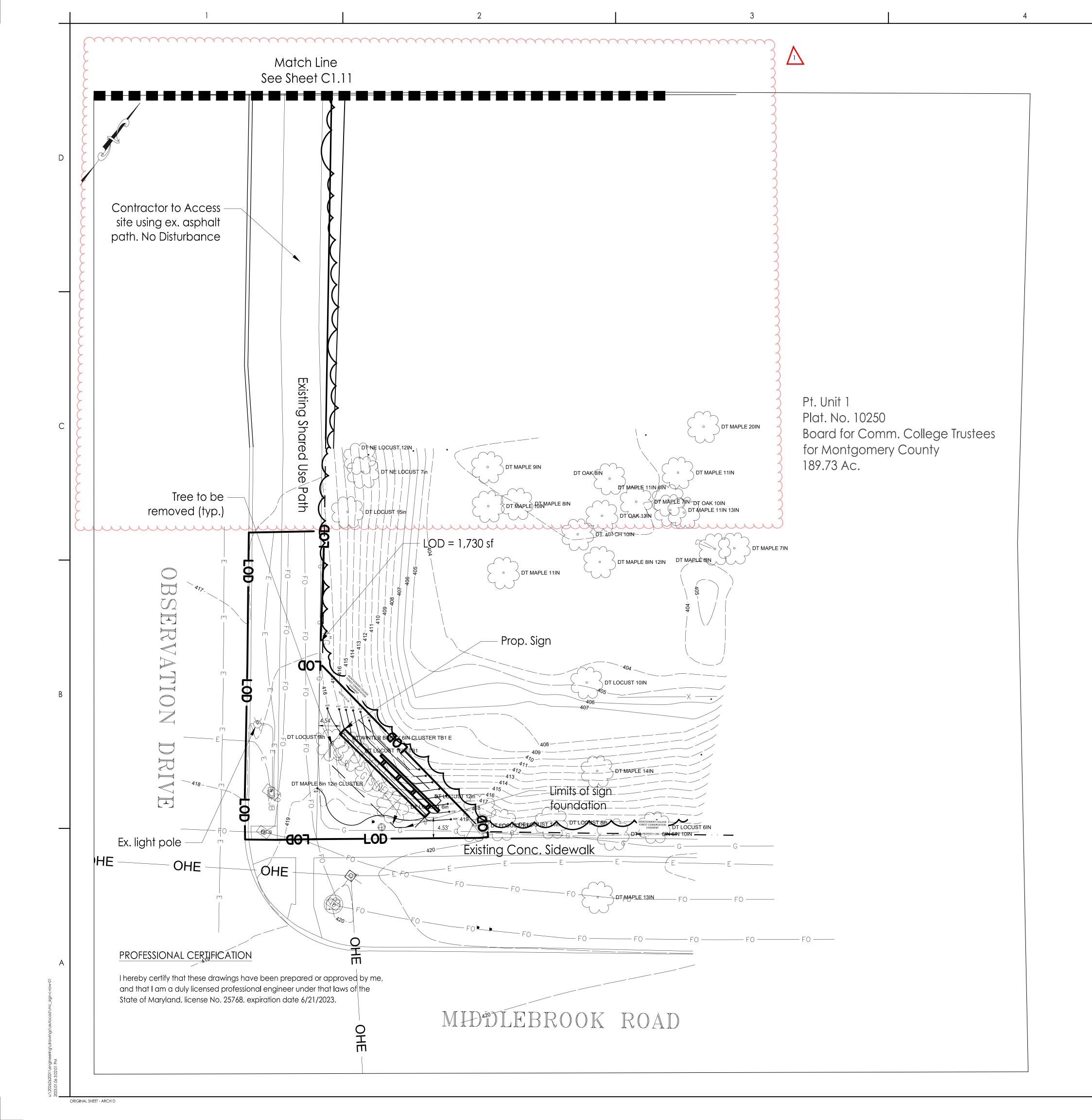


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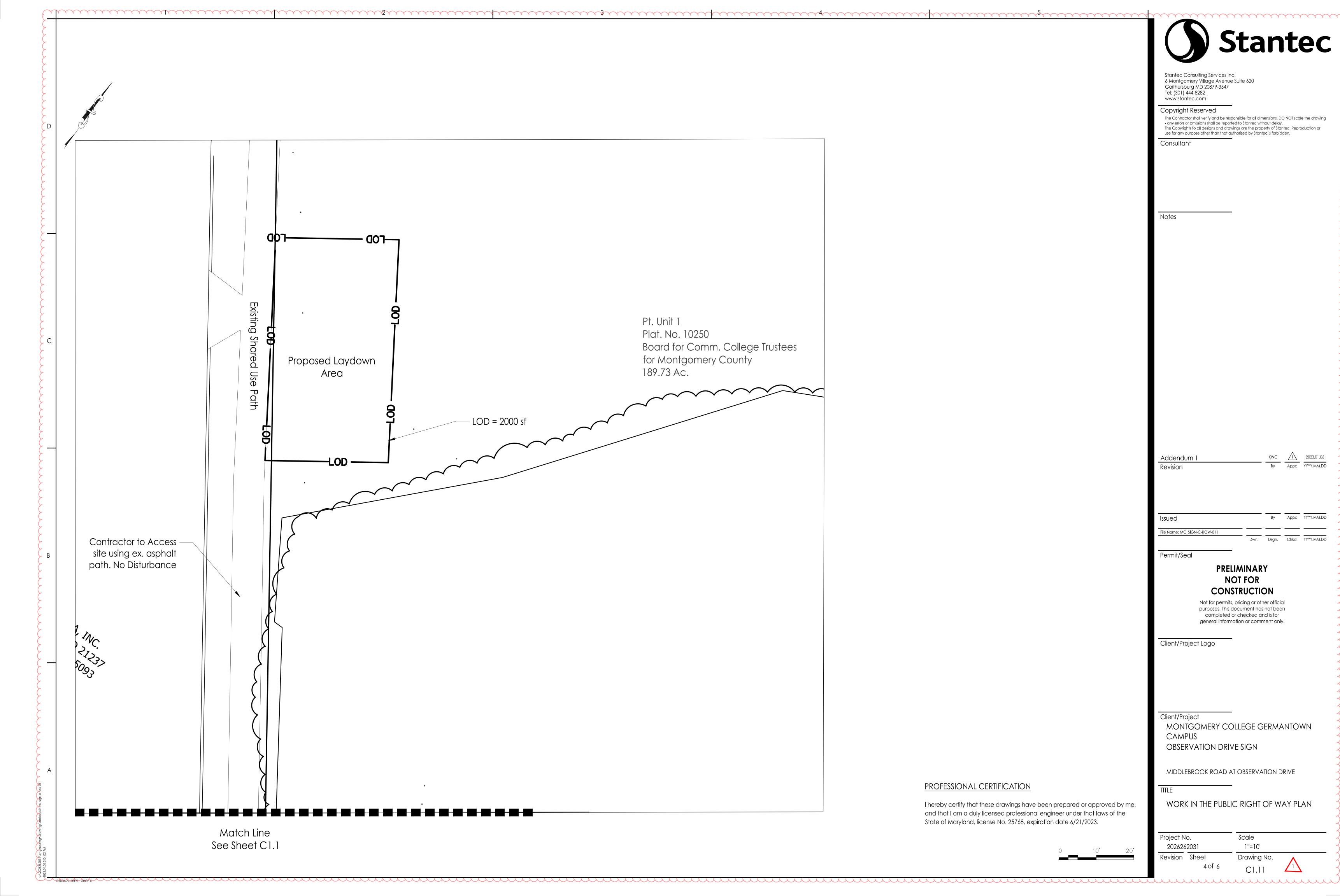
MIDDLEBROOK ROAD AT OBSERVATION DRIVE

TITLE

WORK IN THE PUBLIC RIGHT OF WAY PLAN

| Project N | 0. | Scale | |
|-----------|--------|-------------|--|
| 202626 | 2031 | 1''=10' | |
| Revision | Sheet | Drawing No. | |
| | 3 of 6 | C1.1 | |

0 10' 20'



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MIDDLEBROOK ROAD AT OBSERVATION DRIVE

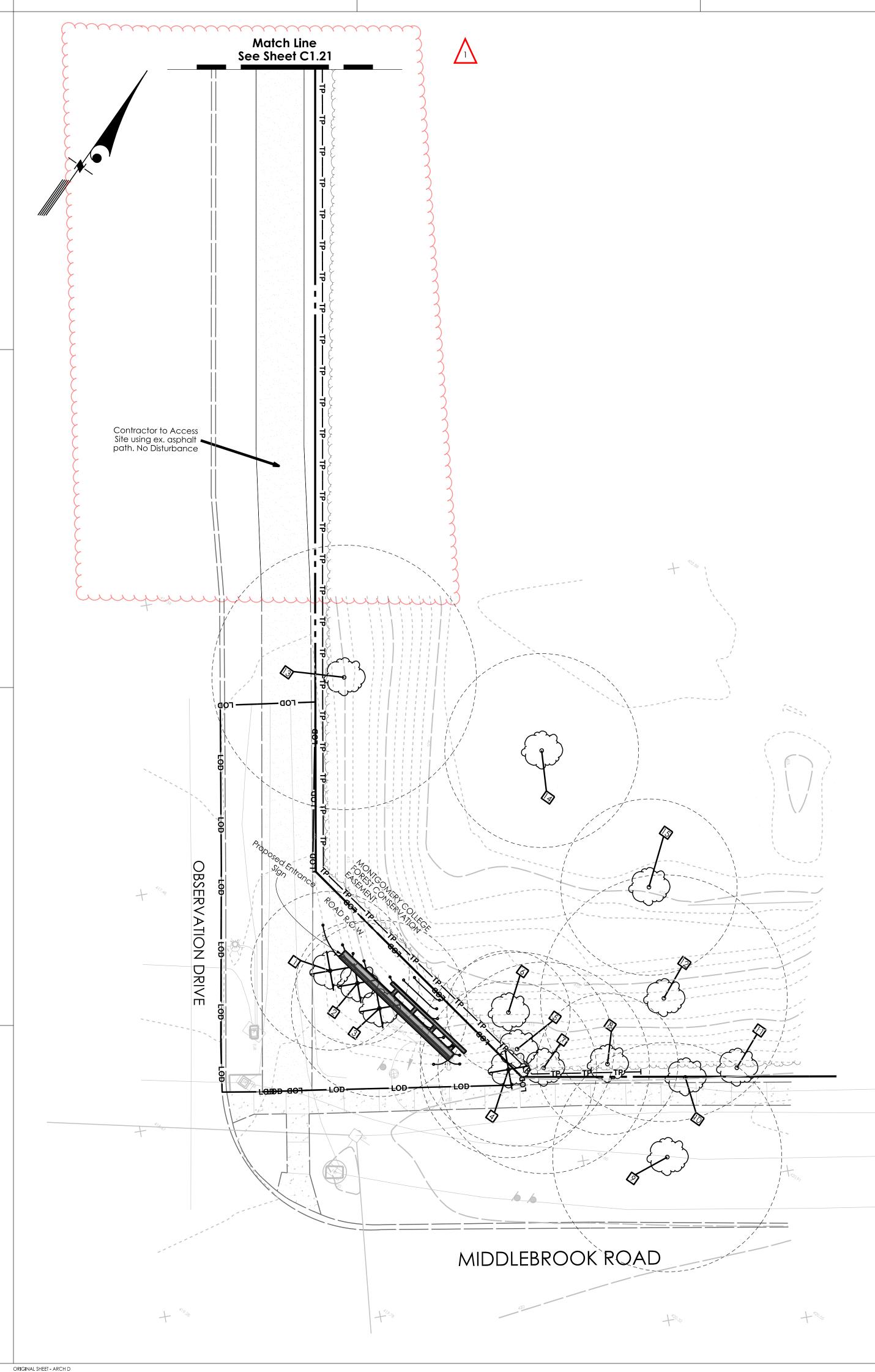
TITLE

WORK IN THE PUBLIC RIGHT OF WAY PLAN

| PROFESSIONAL CERTIFICATION |
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| |

I hereby certify that these drawings have been prepared or approved by me, and that I am a duly licensed professional engineer under that laws of the State of Maryland, license No. 25768, expiration date 6/21/2023.

| Project No. | | Scale | |
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| 202626 | 2031 | 1''=10' | |
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| | 4 of 6 | C1.11 | $\overline{1}$ |



| | SIGNIFICANT TREES | | | | | | |
|----|-------------------|----------------------|-----------|-----------------------------------|--|--|--|
| ID | COMMON NAME | SCIENTIFIC NAME | SIZE(DBH) | CONDITION/REMARKS | | | |
| 1 | Black Locust | Robinia pseudoacacia | 9" | FAIR/ To be removed (TBR) | | | |
| 2 | Black Locust | Robinia pseudoacacia | 7'' | GOOD/ To be removed (TBR) | | | |
| 3 | Box Elder | Acer negundo | 10'' | GOOD/ To be removed (TBR) | | | |
| 4 | Black Locust | Robinia pseudoacacia | 10'' | FAIR/ To be removed (TBR) | | | |
| 5 | Black Locust | Robinia pseudoacacia | 11" | GOOD/ 21% CRZ impacted, to remain | | | |
| 6 | Black Locust | Robinia pseudoacacia | 7'' | GOOD/ 15% CRZ impacted, to remain | | | |
| 7 | Black Locust | Robinia pseudoacacia | 12" | GOOD/ 11% CRZ impacted, to remain | | | |
| 8 | Black Locust | Robinia pseudoacacia | 8'' | GOOD/ to remain | | | |
| 9 | Sugar Maple | Acer saccharum | 13" | GOOD/ to remain | | | |
| 10 | Black Locust | Robinia pseudoacacia | 6'' | GOOD/ to remain | | | |
| 11 | Black Locust | Robinia pseudoacacia | 6'' | GOOD/ to remain | | | |
| 12 | Red Maple | Acer rubrum | 14'' | GOOD/ to remain | | | |
| 13 | Black Locust | Robinia pseudoacacia | 15" | GOOD/ to remain | | | |
| 14 | Red Maple | Acer rubrum | 11" | GOOD/ to remain | | | |
| 15 | Black Locust | Robinia pseudoacacia | 10'' | GOOD/ to remain | | | |

TREES TO BE REMOVED:

Trees- #1, #2, #3, and #4

Per Montgomery County Roadside Tree Protection Law-"The Roadside Tree Protection Law requires DPS to collect a tree removal fee when any roadside tree is removed that is designated on a MCDOT street tree inventory or is equal to or greater than 6 inches in diameter (measured at $4\frac{1}{2}$ feet above soil line). This fee may be waived if DPS determines that the roadside tree in question is already dead, or poses a danger to persons or property. The fee must be paid to DPS prior to issuance of related right-of-way permits. Roadside Tree Protection Plans should capture the amount of fees that are

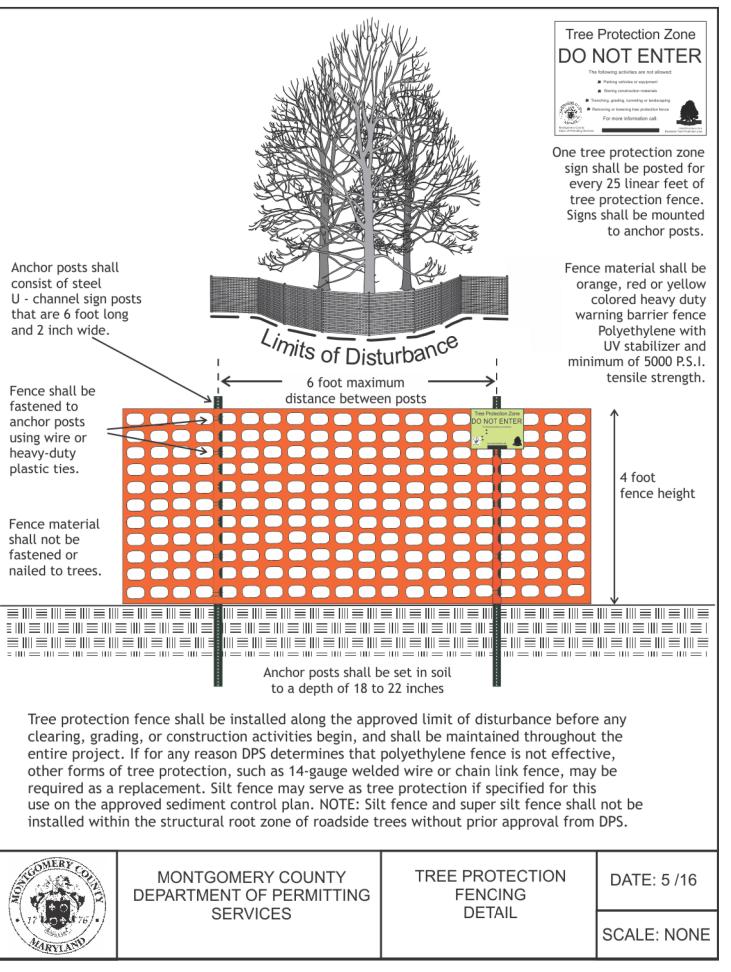
owed for tree removal as follows: - \$500 for each roadside tree that will be removed. - A \$250 fee should be added to the \$500 fee identified above for each roadside tree that will be removed, if DPS determines that is not feasible to plant a replacement tree in a near-by location within the right-of-way.

There is no space available within the right-of-way to provide replacement mitgiation plantings for the tree removed as part of the sign installation.

required mitigation.

4 trees (TBR) x \$750= \$3,000 (fee-in-lieu)

Appendix 3. Technical Specifications and Samples





LEGEND

| ~2 |
|--|
| Significant Tree |
| Significant Tree |
| Property Boundary |
| Ex. Contours |
| Ex. Chain Link Fence × |
| Proposed Contours370 |
| Proposed Tree Protection Fence -TP-TP-TP-TP- |
| Proposed Limit of Disturbance – LOD |
| |



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Therefore, the applicant is proposing to provide fee-in-lieu for the

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OBSERVATION DRIVE SIGN

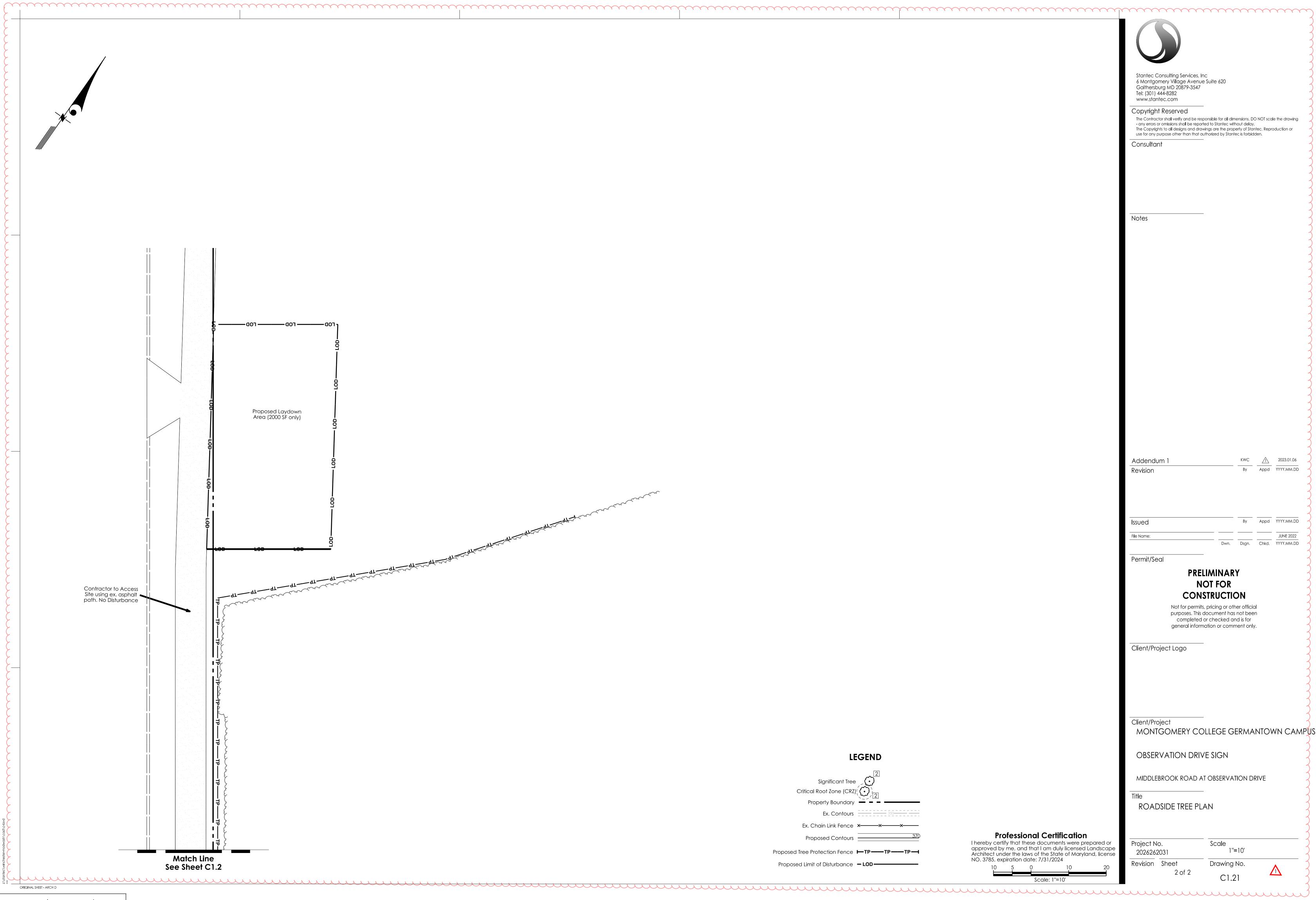
MIDDLEBROOK ROAD AT OBSERVATION DRIVE

Title

ROADSIDE TREE PLAN

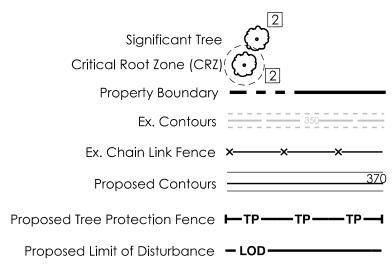
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| | 1 of 2 | C1.2 | |

| Professional Certification | |
|--|---|
| I hereby certify that these documents were prepared approved by me, and that I am duly licensed Landsc Architect under the laws of the State of Maryland, lice NO. 3785, expiration date: 7/31/2024 | a |



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LEGEND



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MIDDLEBROOK ROAD AT OBSERVATION DRIVE

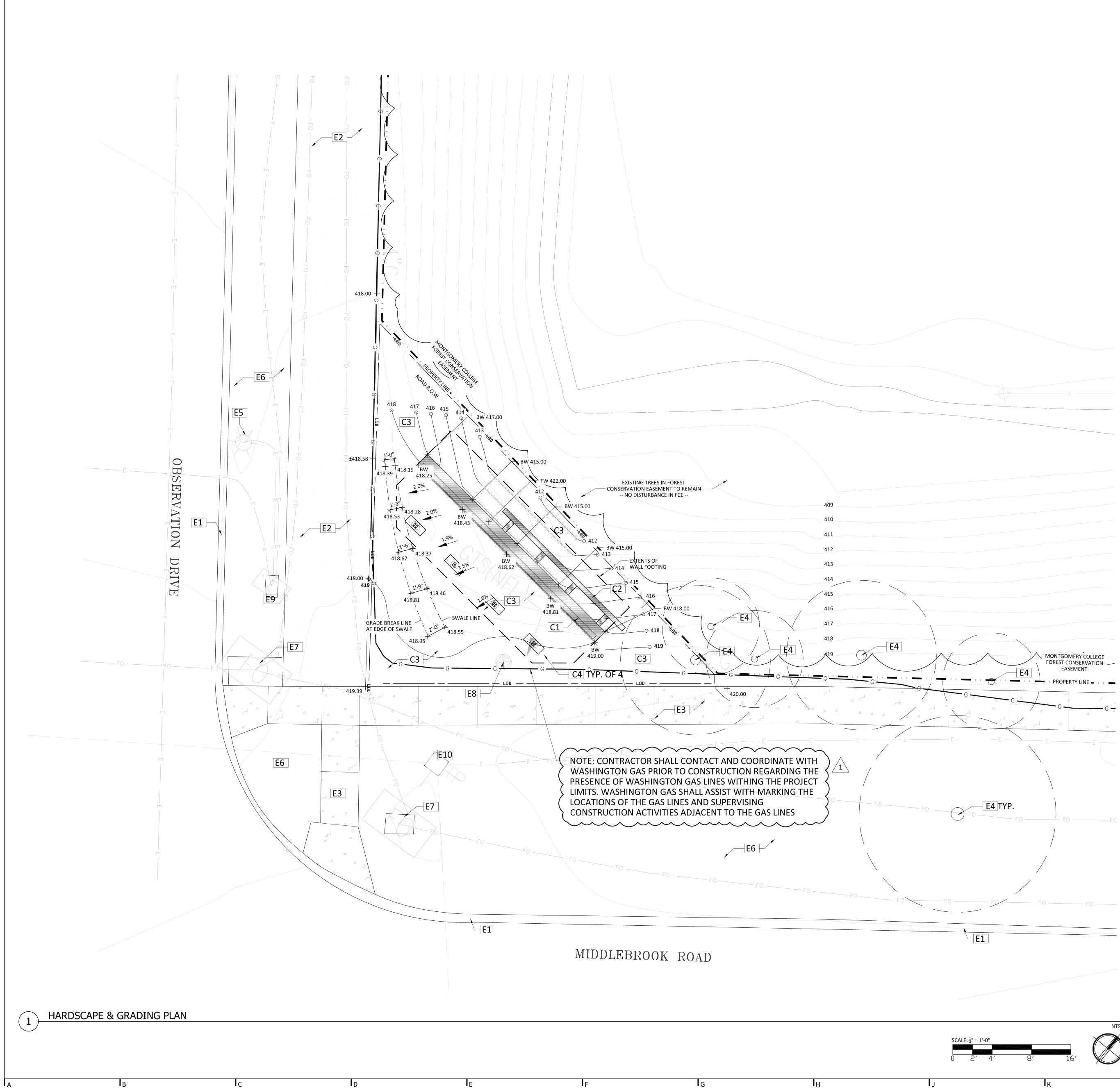
Title

ROADSIDE TREE PLAN

Professional Certification I hereby certify that these documents were prepared or approved by me, and that I am duly licensed Landscape Architect under the laws of the State of Maryland, license NO. 3785, expiration date: 7/31/2024

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EXISTING CONDITIONS:

- E1 EX. CURB TO REMAIN
- E2 EX. ASPHALT WALKWAY TO REMAIN
- E3 EX. CONCRETE SIDEWALK TO REMAIN
- E4 EX. TREE TO REMAIN
- E5 EX. STREETLIGHT TO REMAIN
- E6 EX. LAWN TO REMAIN
- E7 EX. STREET LIGHT TO REMAIN
- E8 EX. GAS UTILITY TO REMAIN
- E9 EX. ELECTRICAL JUNCTION BOX TO REMAIN
- E10 EX. TELEPHONE POLE TO REMAIN

HARDSCAPE CONSTRUCTION NOTES:

- C1 STONE VENEER WALL WITH METAL COPING AND SIGN LETTERS; SEE DETAILS 1,2,3,4,5/L3.0
- C2 PICMC NAME PANEL; SEE DETAILS 1,5,6/L3.0
- C3 PLANTING AREA; SEE SHEET L4.0
- C4 SOLAR POWERED LED FLOODLIGHT ON SONOTUBE FOOTINGS; SEE DETAIL 1/L3.0 NOTE: ALL DISTURBED AREA SHALL BE SODDED

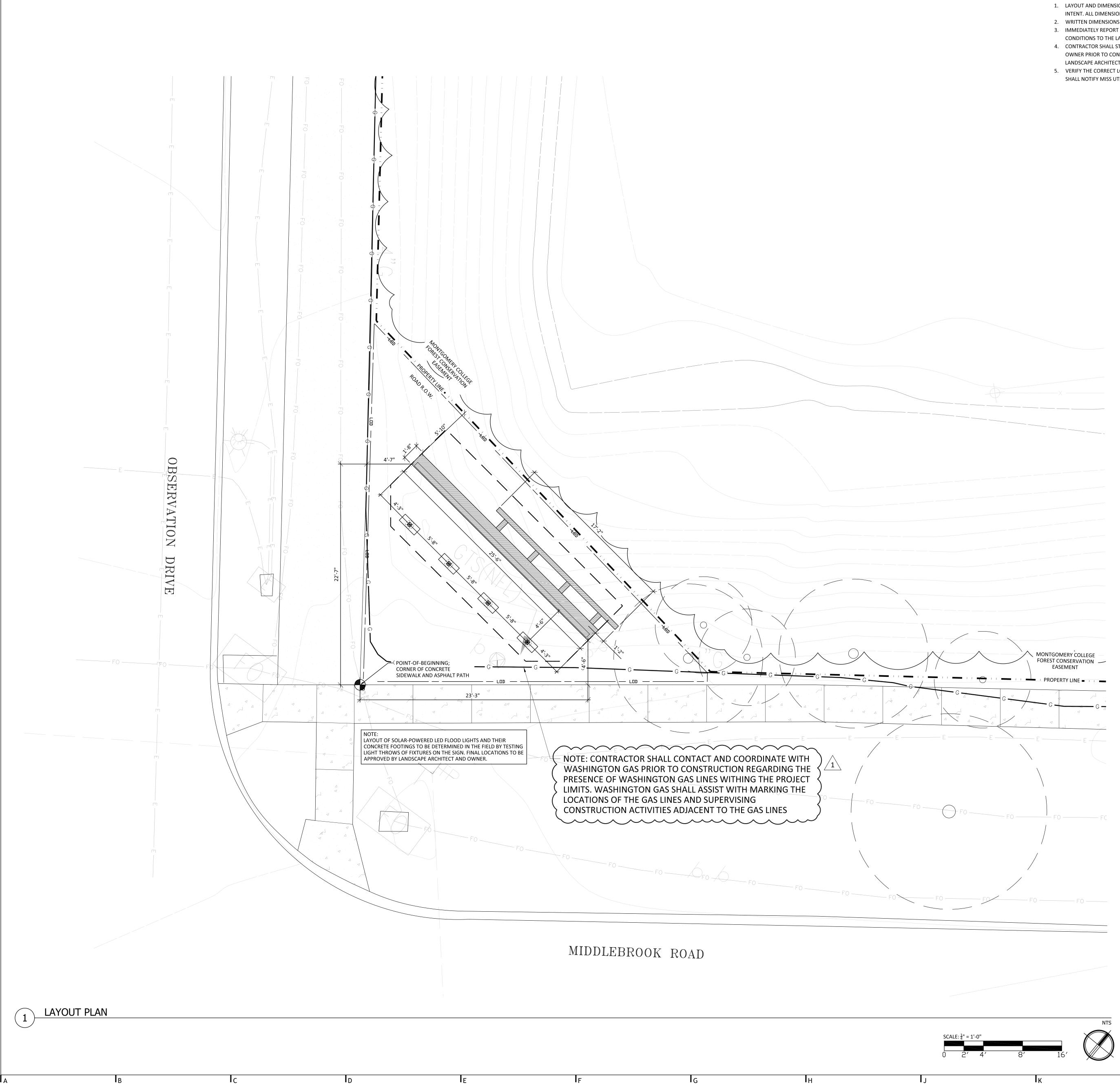
GRADING LEGEND:

- TOP OF WALL (TOP OF METAL COPING, NOT STEM WALL) ΤW
- BW BACK OF WALL +21.50 PROPOSED SPOT ELEVATION

GRADING NOTES:

- 1. PROPOSED GRADING SHALL MEET EXISTING GRADES UNIFORMLY WITH A SMOOTH TRANSITION.
- 2. CONTRACTOR TO VERIFY EXISTING GRADES, INCLUDING AREAS DIRECTLY ADJACENT TO SURVEYED AREA. NOTIFY THE LANDSCAPE ARCHITECT IF
- DISCREPANCIES ARE DISCOVERED. 3. VERIFY THE CORRECT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO
- CONSTRUCTION. CONTRACTOR SHALL NOTIFY MISS UTILITY. LOCATIONS AND ELEVATIONS FOR WALLS, SIGN ELEMENTS, ETC. SHALL BE
- STAKED IN THE FIELD BY THE CONTRACTOR AND FINAL LOCATIONS AND ELEVATIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO CONSTRUCTION.
- WRITTEN DIMENSIONS WILL PREVAIL ON THIS LAYOUT PLAN. DO NOT 5. SCALE FROM THIS PLAN.

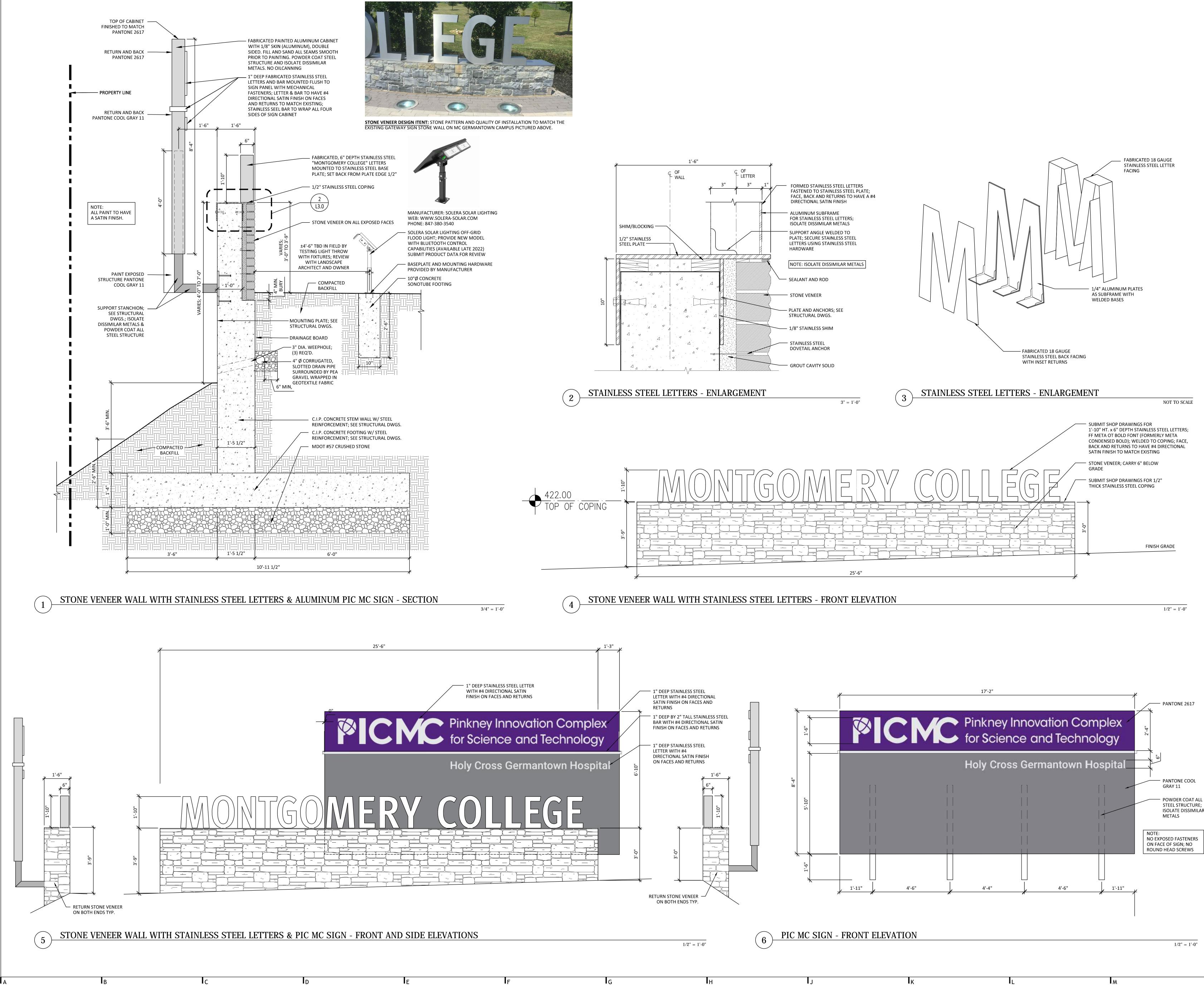
LANDSCAPE ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 Baltimore, MD 21202 p. 410. 837. 7311 f. 410. 837. 6530 **CIVIL ENGINEER** Stantec 6 Montgomery Village Ave, Suite 620 Gaithersburg, MD 20879 p. 240.912.2910 _____ STRUCTURAL ENGINEER SK&A MD 12435 Park Potomac Ave, Suite 300 Potomac, MD 20854 p. 301.881.1441 GEOTECHNICAL ENGINEER **Geotech Engineers Inc.** 11890 Old Baltimore Pike, Suite U Beltsville, MD 20705 p. 301.937.9227 MONTGOMERY COLLEGE GERMANTOWN CAMPUS -OBSERVATION DRIVE SIGN GERMANTOWN, MD <u>5</u> hord coplan macht ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NUMBER: 694 EXPIRATION DATE: 10/30/2023 101/06/2023ADDENDUM 1no.daterevision Project Name MONTGOMERY COLLEGE SIGN Project Number 219147.00 Date 06/14/2022 ^{Scale} AS SHOWN Drawing HARDSCAPE AND GRADING PLAN L1.0 PERMIT SET © Hord Coplan Macht, Inc.



LAYOUT NOTES

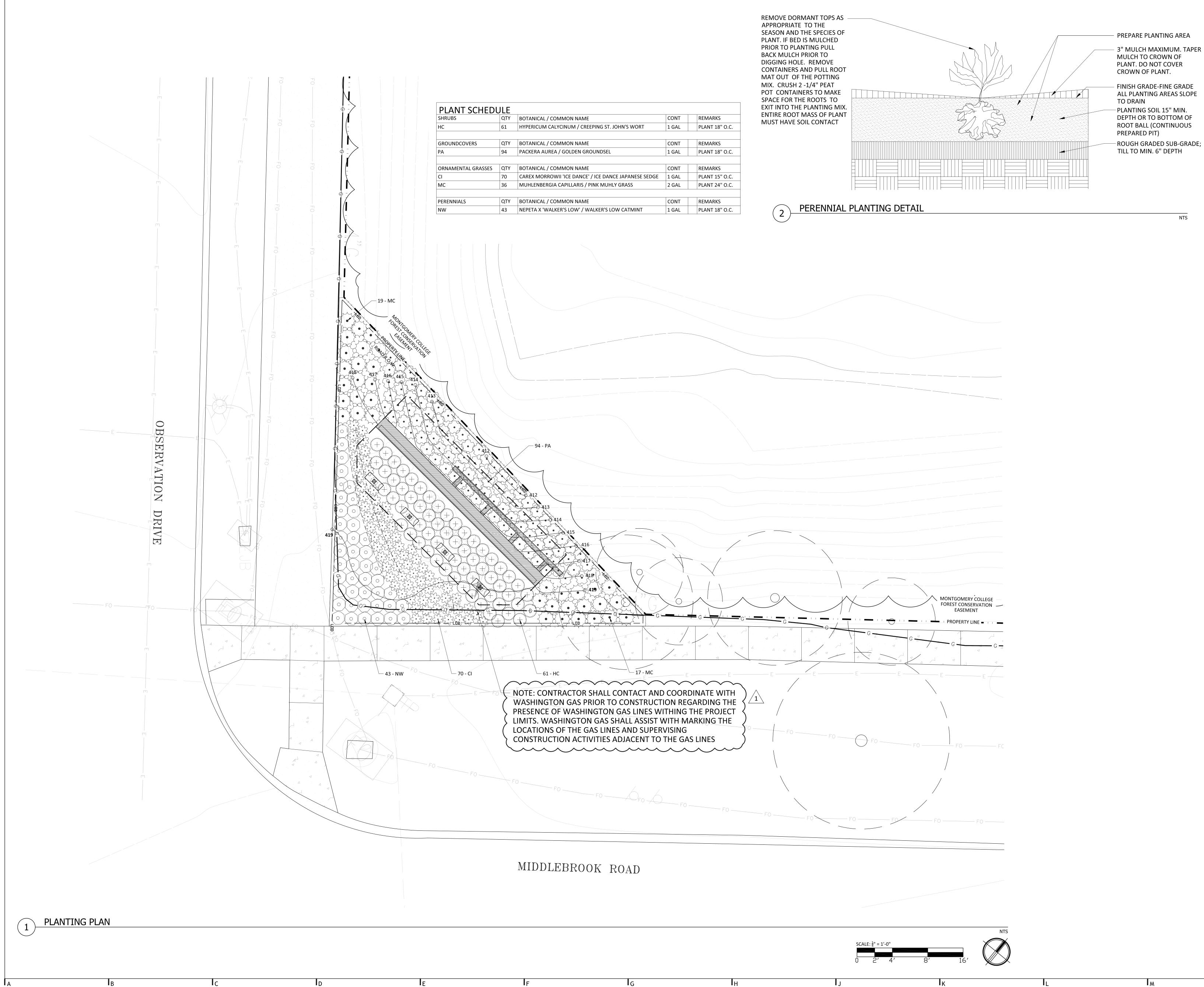
- 1. LAYOUT AND DIMENSIONS SHOWN ON THIS DRAWING ARE FOR PURPOSES OF ILLUSTRATING DESIGN INTENT. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- 2. WRITTEN DIMENSIONS WILL PREVAIL ON THIS LAYOUT PLAN. DO NOT SCALE FROM THIS PLAN. 3. IMMEDIATELY REPORT DISCREPANCIES FOUND BETWEEN PLAN DIMENSIONS AND ACTUAL FIELD
- CONDITIONS TO THE LANDSCAPE ARCHITECT. 4. CONTRACTOR SHALL STAKE AND/OR PAINT LAYOUT FOR APPROVAL BY LANDSCAPE ARCHITECT AND
- OWNER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE LAYOUT REVIEW MEETING WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- 5. VERIFY THE CORRECT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY MISS UTILITY.

LANDSCAPE ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 Baltimore, MD 21202 p. 410. 837. 7311 f. 410. 837. 6530 **CIVIL ENGINEER** Stantec 6 Montgomery Village Ave, Suite 620 Gaithersburg, MD 20879 p. 240.912.2910 _____ STRUCTURAL ENGINEER **SK&A MD** 12435 Park Potomac Ave, Suite 300 Potomac, MD 20854 p. 301.881.1441 GEOTECHNICAL ENGINEER **Geotech Engineers Inc.** 11890 Old Baltimore Pike, Suite U Beltsville, MD 20705 p. 301.937.9227 _____ MONTGOMERY COLLEGE GERMANTOWN CAMPUS -OBSERVATION DRIVE SIGN GERMANTOWN, MD <u>5</u> hord coplan macht ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NUMBER: 694 EXPIRATION DATE: 10/30/2023 _____ 101/06/2023ADDENDUM 1no.daterevision Project Name MONTGOMERY COLLEGE SIGN Project Number 219147.00 Date 06/14/2022 Scale AS SHOWN Drawing LAYOUT PLAN L2.0 PERMIT SET © Hord Coplan Macht, Inc.



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LANDSCAPE ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 Baltimore, MD 21202 p. 410. 837. 7311 f. 410. 837. 6530 **CIVIL ENGINEER** Stantec 6 Montgomery Village Ave, Suite 620 Gaithersburg, MD 20879 p. 240. 912. 2910 _____ STRUCTURAL ENGINEER SK&A MD 12435 Park Potomac Ave, Suite 300 Potomac, MD 20854 p. 301.881.1441 **GEOTECHNICAL ENGINEER** Geotech Engineers Inc. 11890 Old Baltimore Pike, Suite U Beltsville, MD 20705 p. 301.937.9227 _____ MONTGOMERY COLLEGE GERMANTOWN CAMPUS -**OBSERVATION DRIVE SIGN** GERMANTOWN, MD hord coplan macht ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NUMBER: 694 EXPIRATION DATE: 10/30/202 no. date revision Project Name MONTGOMERY COLLEGE SIGN Project Number 219147.00 Date 06/14/2022 AS SHOWN Drawing SIGN DETAILS $_{-3.0}$ PERMIT SET © Hord Coplan Macht, Inc.



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LANDSCAPE ARCHITECT Hord Coplan Macht, Inc. 700 E. Pratt St, Suite 1200 Baltimore, MD 21202 p. 410. 837. 7311 f. 410. 837. 6530 **CIVIL ENGINEER** Stantec 6 Montgomery Village Ave, Suite 620 Gaithersburg, MD 20879 p. 240.912.2910 _____ STRUCTURAL ENGINEER SK&A MD 12435 Park Potomac Ave, Suite 300 Potomac, MD 20854 p. 301.881.1441 GEOTECHNICAL ENGINEER **Geotech Engineers Inc.** 11890 Old Baltimore Pike, Suite U Beltsville, MD 20705 p. 301.937.9227 MONTGOMERY COLLEGE GERMANTOWN CAMPUS -OBSERVATION DRIVE SIGN GERMANTOWN, MD <u>5</u> hord coplan macht ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NUMBER: 694 EXPIRATION DATE: 10/30/2023 101/06/2023ADDENDUM 1no.daterevision Project Name MONTGOMERY COLLEGE SIGN Project Number 219147.00 Date 06/14/2022 _{Scale} AS SHOWN Drawing PLANTING PLAN L4.0 PERMIT SET © Hord Coplan Macht, Inc.

| <u>CODES:</u> INTERNATIO | DNAL BUILDING CODE, 2018 EDITION (IBC-2018) AND MONTGOMERY COUNTY EXECUTIVE REGULATION 31-19. |
|---|---|
| | WING DESIGN LOADS HAVE BEEN USED, AS SPECIFIED IN THE INTERNATIONAL BUILDING CODE, 2018 EDITION (IBC-2018), CHAPTER 16, |
| WIND LOAD ULTII NOM RISK | 1603.1.1 THROUGH 1603.1.8, AND LOCAL AMENDMENTS WHERE APPLICABLE. (SECTION 1609) MATE DESIGN WIND SPEED: V(ult) = 115 MPH (3-SECOND GUST, FIGURES 1609.3(1), (2), (3) & (4)) INAL DESIGN WIND SPEED: V(asd) = 89 MPH (TABLE 1609.3.1) CATEGORY: I (IBC TABLE 1604.5; ASCE 7-16, TABLE 1.5-1) EXPOSURE CATEGORY: C (SECTION 1609.4) |
| LATER 45 | DADS (SECTION 1610.1) TAL EARTH PRESSURE AGAINST WALLS PER GEOTECHNICAL REPORT: 5 PSF/FT. DEPTH FOR CANTILEVER SITE RETAINING WALLS PLUS APPLICABLE SURCHARGE EFFECT RACING OF STRUCTURAL ELEMENTS |
| PROVIDE AU SIDES SIMU CANTILEVEI | DEQUATE BRACING AND SHORING FOR RETAINING WALLS. WHERE BACKFILL IS REQUIRED ON BOTH SIDES OF A WALL, BACKFILL BOTH ILTANEOUSLY WITH THE GRADE DIFFERENCE NOT TO EXCEED 2'-0" AT ANY TIME. RED RETAINING WALLS ARE NOT DESIGNED FOR SURCHARGE LOADING ASSOCIATED WITH CONSTRUCTION TRAFFIC BEHIND THE WALL DEQUATE TEMPORARY BRACING TO RESIST LATERAL LOADS ASSOCIATED WITH MEANS AND METHODS OF CONSTRUCTION. |
| DESIGN ANI SPECIALTY THE GEOTE DESIGN OF OPERATION COMPLETIC | D INSTALLATION OF EXCAVATION SUPPORT SYSTEM (SHORING AND BRACING OR SHEET PILING), SHALL BE PERFORMED BY A CONTRACTOR. THE SPECIALTY CONTRACTOR SHALL REVIEW THE PROJECT SPECIFIC DESIGN CRITERIA AND SITE CONSTRAINTS WITH CONTRACTOR SHALL REVIEW THE PROJECT SPECIFIC DESIGN CRITERIA AND SITE CONSTRAINTS WITH CONTRACTOR SHALL REVIEW THE PROJECT SPECIFIC DESIGN CRITERIA AND SITE CONSTRAINTS WITH CONTRACTOR SHALL REGINEER, PRIOR TO HIS/HER PREPARATION OF PLANS AND DETAILS. THE PROPOSED SHEETING, SHORING AND BRACING, COMPLETE WITH CALCULATIONS, DRAWINGS AND OTHER DATA INCLUDING SEQUENCE OF IS, SHALL BE PREPARED AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT JURISDICTION. UPON DN, THESE DOCUMENTS SHALL BE SUBMITTED TO THE GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER, FOR REVIEW FOR ANCE TO PROJECT DESIGN CRITERIA ONLY. |
| THE EXCAV AND SHORI | ATION SITE SHALL BE PROTECTED AGAINST CAVING AND UNACCEPTABLE MOVEMENT OF SOIL AT ALL TIMES. WHEREVER SHEETING NG IS REQUIRED, IT SHALL BE SO LOCATED AS TO CLEAR ALL PERMANENT CONSTRUCTION AND PERMIT THE PROPER FORMING AND DF CONCRETE SURFACES, AND SHALL BE ANCHORED AND BRACED TO RESIST EARTH AND HYDROSTATIC PRESSURES. |
| IN PLACE A BRACING S STRUCTURI SHALL BE M | AND SHORING RETAINING EARTH ON WHICH THE SUPPORT AND/OR STABILITY OF EXISTING STRUCTURES IS DEPENDENT MUST BE LEFT T THE COMPLETION OF THE WORK, AND SHALL BE STEEL OR CONCRETE. IF WOOD IS USED AS PART OF THE SHEETING, SHORING AND YSTEM NEAR EXISTING STRUCTURES, IT MUST BE REMOVED PRIOR TO THE PLACEMENT OF BACKFILL. CONDITIONS OF NEARBY ES THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE DOCUMENTED BY SURVEYING PRIOR TO SHEETING/SHORING, AND 10NITORED DURING THE CONSTRUCTION. |
| TO BUILDIN ALL EXISTIN AND PROTE | D, REMOVE SHEETING, SHORING AND BRACING IN A MANNER TO AVOID HARMFUL DISTURBANCE TO UNDERLYING SOILS AND DAMAGE GS, STRUCTURES, PAVEMENTS, FACILITIES AND UTILITIES. NG ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITY SERVICES AND STRUCTURES SHALL BE LOCATED BY THE CONTRACTOF ECTED AT ALL TIMES. |
| | <u>D FILL</u> D FILL PLACEMENT AND COMPACTION SHALL BE IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THE PROJECT, BY GEOTECH ENGINEERS, INC, DATED APRIL 7, 2022. |
| | INICAL ENGINEERING REPORT HAS BEEN PREPARED GEOTECH ENGINEERS, INC, DATED APRIL 7, 2022. ALLOWABLE SOIL BEARING FOR SPREAD FOOTINGS IS 1000 PSF, ON COMPACTED FILL. |
| FOOTINGS S NOTED ARE | IPACTED FILL REQUIRED TO BRING SUBGRADE TO PROPER ELEVATION PRIOR TO FOUNDATION WORK. BOTTOM OF ALL EXTERIOR SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED EXTERIOR GRADE, UNLESS A LOWER ELEVATION IS NOTED. FOOTING ELEVATIONS E ESTIMATED BASED ON AVAILABLE GEOTECHNICAL AND GRADING INFORMATION. |
| PRIOR TO B OF THE STF | ATION SUBGRADES SHALL BE INSPECTED AND APPROVED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER EING CONCRETED. FOOTINGS MAY BE LOWERED TO ACHIEVE BEARING CAPACITY, IF REQUIRED, SUBJECT TO REVIEW AND APPROVAL RUCTURAL ENGINEER. (AND SHORING |
| FORMWOR | Control Con |
| CONCRETE CONFORMA | FORMWORK AND SHORING SHALL BE INSPECTED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER FOR INCE TO DESIGN REQUIREMENTS, ADEQUACY OF PLACEMENT, TIGHTNESS AND ALIGNMENT. (CAST-IN-PLACE) |
| SUBMIT MIX DAYS STRE MINIMUM UI | DESIGN AND DETAILING SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND ACI 301, LATEST EDITIONS. CONTRACTOR SHALL (DESIGNS ACCOMPANIED BY APPROPRIATE GRAPHS AND BACKGROUND DATA FOR APPROVAL. MIX DESIGN SHALL INDICATE 7 AND 28 NGTHS, CEMENT CONTENT, AIR CONTENT, WATER-CEMENT RATIO, AMOUNT OF FINE AND COARSE AGGREGATES, AND ADMIXTURES. |
| ALL CONCR PROFESSIO SPECIFICAT | RAINED, MIN. RETE WORK, REINFORCING PLACEMENT, FORMWORK AND SHORING SHALL BE INSPECTED UNDER THE SUPERVISION OF A REGISTERED MAL ENGINEER. CONCRETE QUALITY CONTROL, INSPECTION AND TESTING SHALL BE IN STRICT ACCORDANCE WITH THE PROJECT FIONS, AS WELL AS LOCAL BUILDING CODE REQUIREMENTS. |
| | DITIVES SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. TION OF THE STRUCTURAL CONTRACT DRAWINGS FOR UTILIZATION AS SHOP DRAWINGS IS NOT PERMITTED. <u>NG STEEL</u> |
| REINFORCII BRANDED B REINFORCII | NG BARS ARE TO BE EPOXY COATED. NG BARS SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTM A775, GRADE 60, UNLESS NOTED OTHERWISE. BARS SHALL BE BY THE MANUFACTURER WITH BAR SIZE AND GRADE OF STEEL AND CERTIFIED MILL REPORTS SHALL BE SUBMITTED FOR RECORD. NG STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED STRUCTURES", LATEST EDITION. |
| PROVIDE ST | TANDARD HOOKS AT DISCONTINUOUS ENDS. TENSION AND COMPRESSION LAP SPLICES SHALL BE CONTACT SPLICES NOT LESS THAN E LENGTHS PER ACI-318. PROVIDE PLACING ACCESSORIES IN ACCORDANCE WITH ACI RECOMMENDATIONS. |
| | PROTECTION FOR REINFORCEMENT (CAST-IN-PLACE CONCRETE) HE FOLLOWING MINIMUM CONCRETE COVER FOR REINFORCEMENT: |
| FORMED CO | CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH (FOOTINGS): 3" DNCRETE EXPOSED TO EARTH OR WEATHER (WALLS, AND EXTERIOR CONCRETE): R OR LARGER: 2" |
| #5 B/ | ITEMS/ELEVATOR BEAMS |
| PLATES, INS TEMPLATES | SERTS, LEVELING PLATES AND MISCELLANEOUS ITEMS SHALL BE LOCATED AND BUILT INTO CONNECTING WORK USING PRESET S. |
| | <u>AL STEEL</u> AL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS". "RUCTURAL SECTIONS (HSS) SHALL CONFORM TO ASTM A500, GRADE C. |
| GALVANIZE | STEEL SHALL CONFORM TO ASTM A36 (FY=36 KSI). ALL MEMBERS TO BE EXPOSED TO WEATHER OTHER THAN THOSE INDICATED TO BE STAINLESS STEEL. STRUCTURAL STEEL CAST CONTACT WITH CONCRETE SHALL NOT BE PAINTED. |
| WHEN WAT | ER CAN COLLECT INSIDE HSS OR PIPE SECTIONS, DURING CONSTRUCTION OR SERVICE, MEMBER SHALL BE SEALED AND PROVIDED AIN HOLE AT THE BASE OR OTHER PROPER LOCATIONS FOR DRAINAGE, OR PROTECTED BY OTHER SUITABLE MEANS. |
| TYPE AND N STRUCTURA WITH THE S | ERECTION DRAWINGS SHOWING COMPLETE DIMENSIONS, DETAILS, SIZES AND GRADES OF STEEL MEMBERS AND CONNECTIONS, SIZE, NUMBER OF WELDS AND BOLTS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION OF THE STEEL COMPONENTS. THE AL STEEL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING, VERIFICATION AND COORDINATION OF DIMENSIONS AND DETAILS STRUCTURAL AND OTHER PORTIONS OF THE CONTRACT DRAWINGS. |
| REPRODUC PROVIDE SH THE REFER | TIONS OF STRUCTURAL DOCUMENTS WILL NOT BE ACCEPTED AS SHOP DRAWINGS. HOP DRAWINGS / SUBMITTALS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS FOR APPROVAL. INDICATE ENCE DRAWINGS OR SPECIFICATIONS APPLICABLE TO SUBMITTAL PREPARATION. STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE IRUCTURAL CERTIFICATION OF THE PROJECT IF THE CONTRACTOR FAILS TO OBTAIN APPROVAL OF REQUIRED SUBMITTALS. |
| PRIOR TO S • MAKE • INFOR SHOP • STATE | SUBMITTING TO ARCHITECT/ENGINEER, REVIEW SUBMITTAL THOROUGHLY AND: CORRECTIONS DEEMED NECESSARY. RM ARCHITECT AND ENGINEER IN WRITING OF DEVIATIONS AND/OR OMISSIONS FROM THE CONTRACT DOCUMENTS AT THE TIME OF DRAWING SUBMISSION. E ON THE SUBMITTAL THAT CONTRACT DOCUMENT REQUIREMENTS HAVE BEEN MET AND THAT ALL DIMENSIONS, CONDITIONS AND TITIES HAVE BEEN REVIEWED AND VERIFIED AS SHOWN AND/OR CORRECTED ON THE SHOP DRAWINGS. |
| MATERIALS SPECIAL IN EARTH FOUNE CAST-I STRUC | SPECTIONS NDENT INSPECTION AGENCY SHALL BE RETAINED BY THE OWNER TO INSPECT/ MONITOR/ TEST THE FOLLOWING STRUCTURAL IN ACCORDANCE WITH IBC CHAPTER 17, THE MONTGOMERY COUNTY SPECIAL INSPECTIONS PROGRAM AND THE STATEMENT OF SPECTIONS PREPARED FOR THIS PROJECT: WORK OPERATIONS INCLUDING SUB-GRADE, COMPACTED FILL AND BEARING CAPACITY DATIONS IN-PLACE CONCRETE CTURAL STEEL INSTALLED ANCHORS |
| NOTIF | N TO TESTING AND INSPECTION, AGENCY SHALL: Y ARCHITECT, ENGINEER AND CONTRACTOR PROMPTLY OF IRREGULARITIES AND DEFICIENCIES OBSERVED IN THE WORK DURING |
| TESTIN SUBMI WITH (INTERI | NG AND INSPECTION. IT A CERTIFIED WRITTEN REPORT OF EACH TEST, INSPECTION, AND SIMILAR QUALITY-CONTROL SERVICE TO ARCHITECT AND ENGINEEF COPY TO CONTRACTOR AND TO AUTHORITIES HAVING JURISDICTION. PRET TESTS AND INSPECTIONS AND STATE IN EACH REPORT WHETHER TESTED AND INSPECTED WORK COMPLIES WITH OR DEVIATES THE CONTRACT DOCUMENTS. |
| RE-TE | ST AND RE-INSPECT CORRECTED WORK. |

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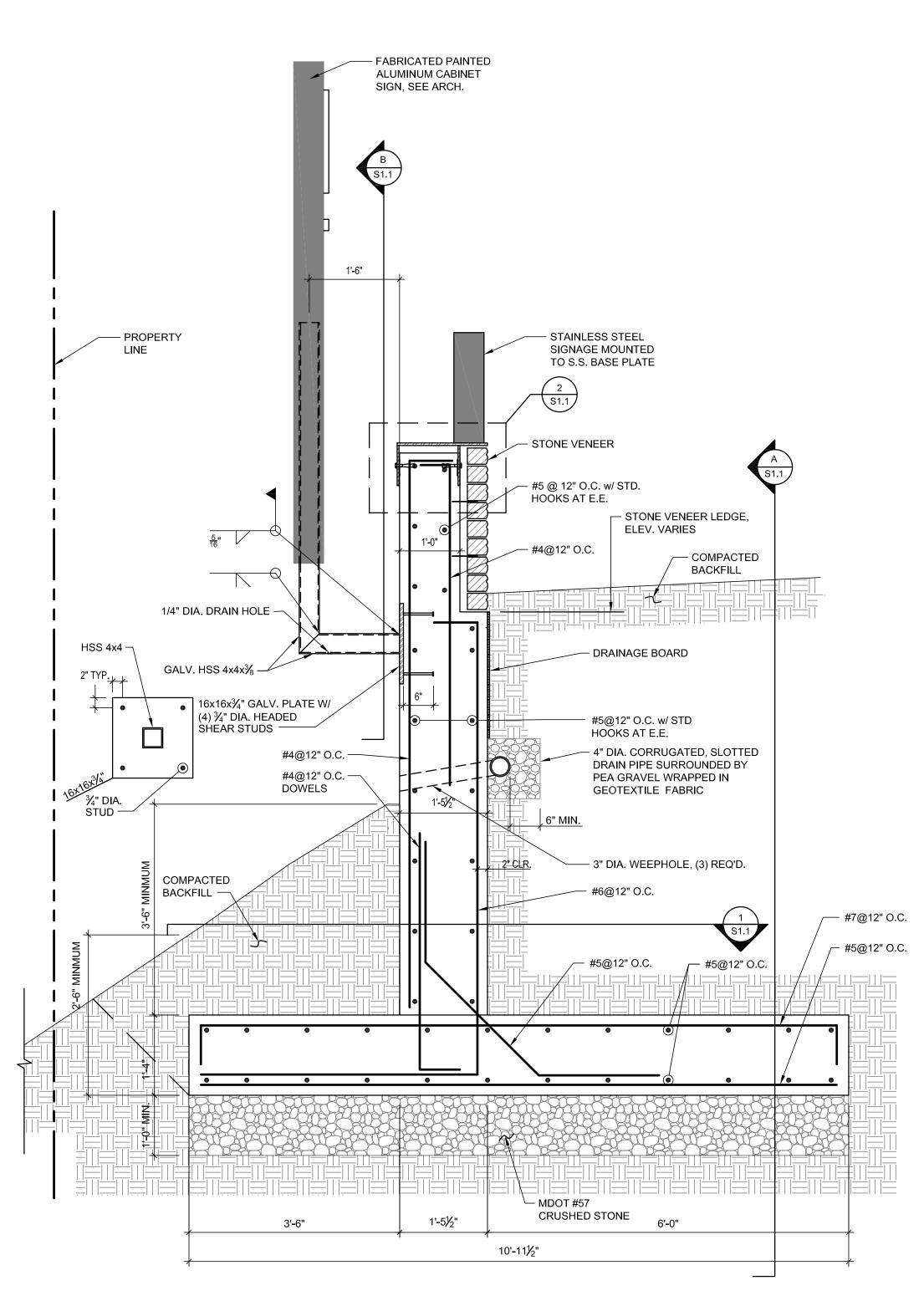
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SCALE: 3/4" = 1'-0"

RETAINING WALL DETAIL

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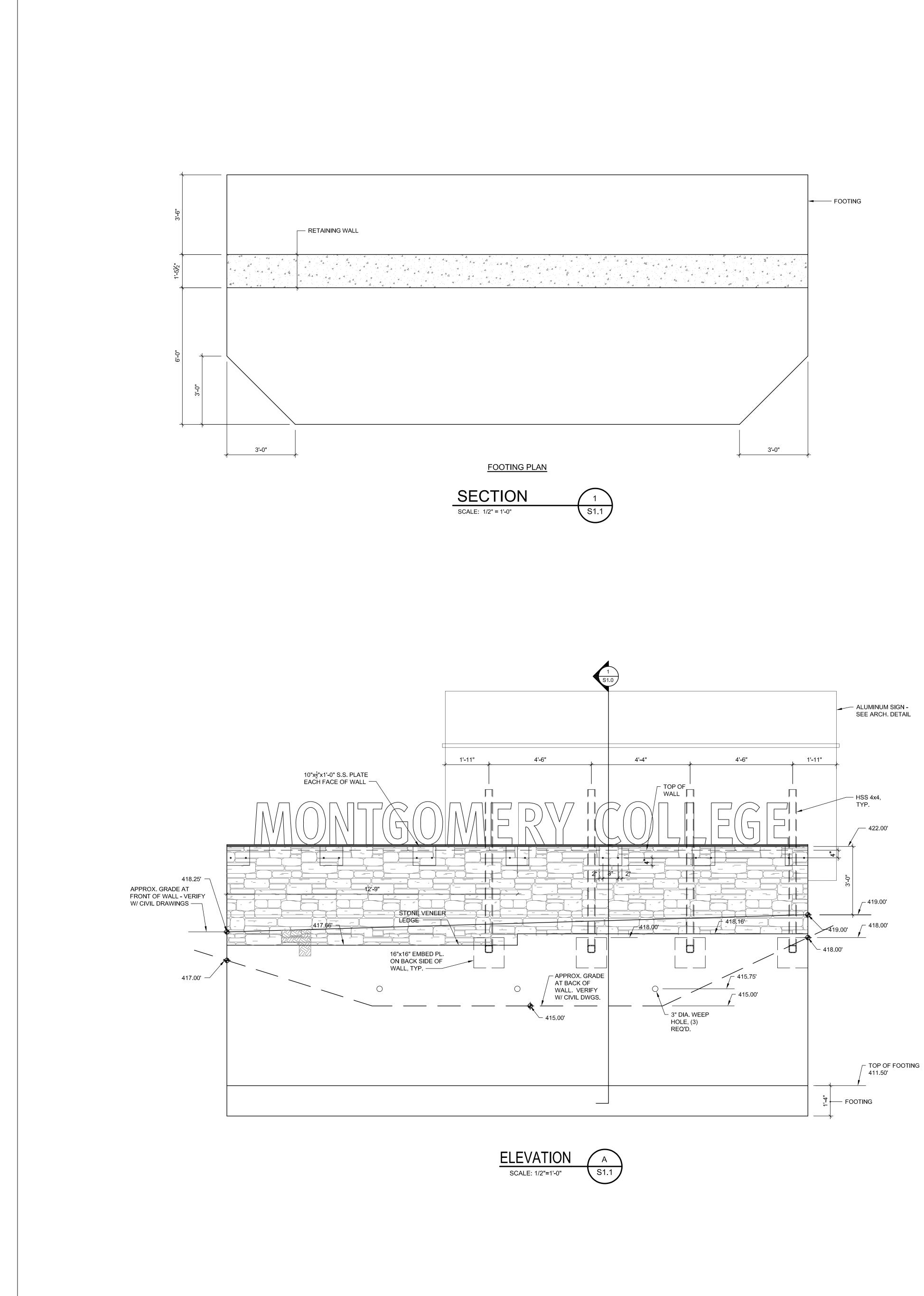
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| | p. 410. 837. 7311 f. 410. 837. 6530 |
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| | STRUCTURAL ENGINEER SK&A MD |
| 1 | 12435 Park Potomac Ave, Suite 300 Potomac, MD 20854 p. 301. 881. 1441 SK&A Job # 1-22-045 |
| | GEOTECHNICAL ENGINEER Geotech Engineers Inc. |
| | 11890 Old Baltimore Pike, Suite U Beltsville, MD 20705 p. 301. 937. 9227 |
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| | WAL ENGLAND |
| | PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER |
| | THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 28907, EXPIRATION DATE: 01-11-2024. |
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| | no. date revision Project Name |
| | MONTGOMERY COLLEGE SIGN Project Number |
| | 219147.00 Date 06/14/2022 |
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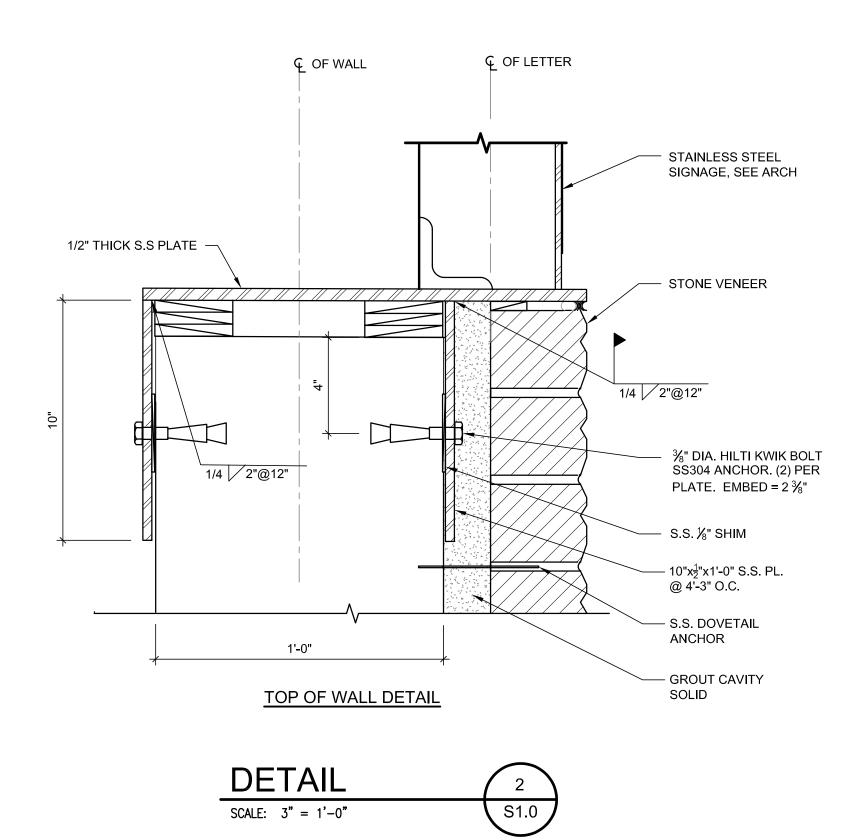
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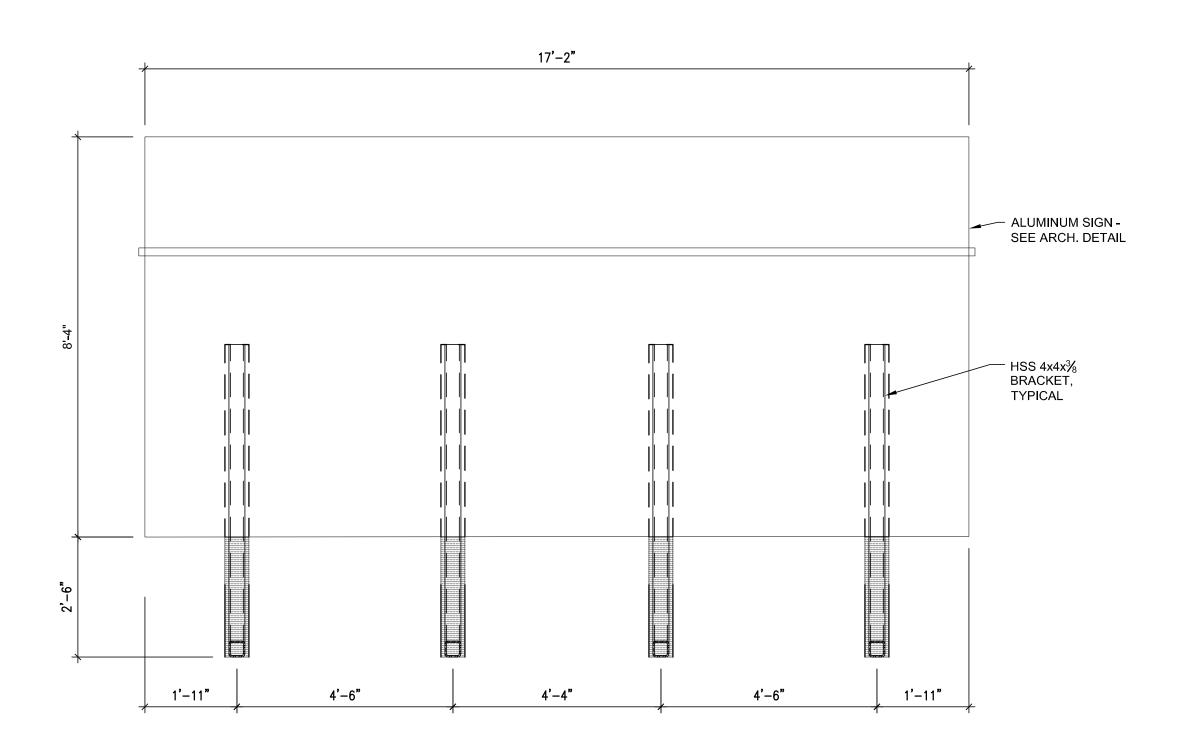
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