

SITE MAP

APPLICABLE CODES

1. 2019 CBC CHAPTER 35: PROVIDE ALL THE APPLICABLE/ADOPTED STANDARDS. WHERE A PARTICULAR STANDARD IS REFERENCED IN THE CODE BUT DOES NOT APPEAR AS AN ADOPTED STANDARD IT MAY STILL BE USED. APPLY ONLY THE PORTION OF THE STANDARD THAT IS APPLICABLE TO THE CODE SECTION WHERE THE STANDARD IS REFERENCED. NOT THE ENTIRE STANDARD.

2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.

(2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2)

2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.

(2017 NATIONAL ELECTRICAL CODE)

2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE)

2019 CALIFORNIA PLUMBING CODE (CDC), PART 5, TITLE 24 C.C.R.

(2018 UNIFORM PLUMBING CODE) 2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.

2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.

(2018 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS) 2019 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.

(2018 INTERNATIONAL EXISTING BUILDING CODE)

2019 CALIFORNIA "GREEN" BUILDING REQUIREMENTS OR CAL GREEN, PART 11, TITLE 24 C.C.R.

2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. 2019 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

LIST OF FEDERAL CODES AND STANDARDS (IF APPLICABLE)

AMERICANS WITH DISABILITIES ACT (ADA), TITLE II OR TITLE III

FOR TITLE II: UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 35) FOR TITLE III: ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)

28 CFR 35.151(C) 28 CFR 36.406

2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN

AND COMMERCIAL FACILITIES. DEPENDING ON THE USE AND FUNDING, BOTH TITLE MAY APPLY TO THE PROJECT.

NFPA 13 **AUTOMATIC SPRINKLER SYSTEMS** 2019 EDITION NFPA 14 STANDPIPE SYSTEMS NFPA 1*7* DRY CHEMICAL EXTINGUISHING SYSTEMS 2017 EDITION NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS NFPA 20 STATIONARY FIRE PUMPS 2019 EDITION NFPA 24 PRIVATE FIRE SERVICE MAINS 2019 EDITION NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) 2019 EDITION (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES) NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2019 EDITION CLEAN AGENT FIRE EXTINGUISHING SYSTEMS NFPA 2001 2018 EDITION ELEVATOR STANDARD 2016 EDITION

REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2019 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35

NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES. TITLE III COVERS PUBLIC ACCOMMODATIONS

ADA STANDARD FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)

2. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DISTRICT REPRESENTATIVE BEFORE PROCEEDING

3. ALL EXISTING FIRE EXTINGUISHING SYSTEMS ARE IN COMPLIANCE WITH UL 300, CBC 904.11, CFC 904.11.

CONSTRUCTION DRAWINGS FOR

Diablo Valley College Horticulture Lab Renovations

321 Golf Club Road Pleasant Hill, CA 94523 VERDE DESIGN, INC. PROJECT NO. 2018201

PREPARED BY



CIVIL ENGINEERING SPORT PLANNING & DESIGN Santa Clara, CA 95050 tel: 408.985.7200 fax: 408.985.7260



SCOPE OF WORK

ESCOPE OF WORK FOR THIS PROJECT INCLUDES BUT IS NOT LIMITED TO REMOVAL AND REPLACEMENT OF EXISTING CONCRETE FLATWORK AND INSTALLATION OF TRENCH DRAIN SYSTEM TO IMPROVE ONSITE DRAINAGE. PROJECT ALSO INCLUDES IMPROVEMENTS TO EXISTING DRAINAGE SYSTEM STRUCTURES AND EXTENSION OF EXISTING RECYCLED WATER LINE TO PROVIDE ACCESS POINTS ON SITE.

DSA NOTES

THE PROJECT INSPECTOR SHALL VERIFY PATH OF TRAVEL (POT) ELEMENTS FROM A#01-117281 ARE IN COMPLIANCE AS REFERENCED IN THIS PROJECT A#01-119988.

GENERAL NOTES

- PRIOR TO BIDDING. THE GENERAL CONTRACTOR SHALL VISIT & INSPECT THE SITE & FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AFFECTING THE NEW WORK. THE GENERAL CONTRACTOR SHALL NOT DISPUTE. COMPLAIN OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE OR AMOUNT 15. OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE. CONTRACTOR SHALL NOTIFY THE DISTRICT OF ANY CONDITIONS, REQUIRING WORK, WHICH ARE NOT COVERED IN THE CONTRACT DOCUMENTS.
- 2. NO CONSTRUCTION SHALL COMMENCE WITHOUT THE OFFICIAL NOTICE TO PROCEED
- 3. THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & 17. VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ROUTING LOCATIONS AS BEST DETERMINED FROM EXISTING DRAWINGS AND THE DISTRICT, BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL OF THE EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES THAT MAY BE AFFECTED BY NEW FACILITIES IN THIS CONTRACT. VERIFY ACTUAL LOCATION AND DEPTH OF UTILITIES, AND REPORT POTENTIAL CONFLICTS TO THE DISTRICT PRIOR TO EXCAVATING FOR NEW FACILITIES.
- 4. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT ALL EXISTING UTILITIES, WHETHER SHOWN OR NOT, IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES CAUSED BY ITS OPERATIONS.
- 5. THE CONTRACTOR SHALL PROTECT ALL EXISTING ITEMS WITHIN SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THEIR ORIGINAL CONDITION OR BETTER AT CONTRACTOR'S EXPENSE TO THE SATISFACTION
- 6. DIMENSIONS AND LOCATIONS OF EXISTING FACILITIES ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DISTRICT.
- 7. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA FIRE CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, AS WELL AS ADAPTED STANDARDS.
- 8. ALL NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO, THE WRITTEN SPECIFICATIONS AND DETAILS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- 9. THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE CSI FORMAT SPECIFICATIONS PUBLISHED IN BOOK FORM. COMBINED, THEY ARE HEREIN REFERRED TO AS THE "CONTRACT DOCUMENTS".
- 10. DIMENSIONS ON WORKING DRAWINGS TAKE PRECEDENCE OVER MEASURED
- ELEMENTS. CONTRACTOR SHALL NOT SCALE DRAWINGS. 11. ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
- 12. CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AND KEEP MUD AND DEBRIS 24. OFF THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
- 13. ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL O.S.H.A. REQUIREMENTS 25. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE STREET RIGHT-OF-WAY AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.

- 14. ANY ALTERATIONS OF EXISTING FACILITIES TO ACCOMMODATE THE INSTALLATION OF NEW WORK SHALL BE REVIEWED BY THE DISTRICT PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID DISTURBING STUDENTS OR TEACHERS DURING SCHOOL HOURS. ANY DISRUPTION OF THE UTILITIES MUST BE COORDINATED AND APPROVED BY THE DISTRICT AND INSPECTOR OF RECORD PRIOR TO COMMENCING WORK.
- 16. ALL TEMPORARY WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
- THE PLANS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM TO BE PROVIDED. BUT RATHER TO DEFINE THE REQUIREMENTS FOR A FULL AND WORKING SYSTEM FROM THE STANDPOINT OF THE END USER. FOR THIS REASON, WHEN AN ITEM NOT SHOWN OR LISTED IS CLEARLY NECESSARY FOR PROPER CONTROL/OPERATION OF EQUIPMENT WHICH IS SHOWN OR LISTED, THE CONTRACTOR SHALL PROVIDE AN ITEM WHICH WILL ALLOW THE SYSTEM TO FUNCTION PROPERLY AT NO INCREASE IN PRICE.
- ALL CONTRACTORS SHALL REMOVE TRASH AND DEBRIS STEMMING FROM THEIR WORK ON A DAILY BASIS. PROJECT SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION.
- THE DETAILS REFLECT THE DESIGN INTENT FOR TYPICAL CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND SHALL INCLUDE, IN HIS SCOPE, THE COST FOR COMPLETE FINISHED INSTALLATIONS, INCLUDING ANOMALIES,
- NO WORK SHALL COMMENCE WITH UNAPPROVED MATERIALS. ANY WORK DONE WITH UNAPPROVED MATERIALS AND EQUIPMENT IS AT THE CONTRACTOR'S RISK AND IS SUBJECT TO REJECTION AND REPLACEMENT. SEE SPECIFICATIONS FOR SUBMITTAL AND SUBSTITUTION REQUIREMENTS.
- 21. CONSTRUCTION MATERIALS STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED SO AS TO PREVENT DAMAGE OR DETERIORATION UNTIL USED. FAILURE IN THIS REGARD MAY BE CAUSE FOR REJECTION OF MATERIAL AND/OR WORK.
- 22. ALL EQUIPMENT SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL
- 23. CONTRACTOR SHALL PERFORM THEIR CONSTRUCTION AND OPERATIONS IN A MANNER WHICH WILL NOT ALLOW HARMFUL POLLUTANTS TO ENTER THE STORM DRAIN SYSTEM. TO ENSURE COMPLIANCE, THE CONTRACTOR SHALL IMPLEMENT THE APPROPRIATE BEST MANAGEMENT PRACTICE (BMP) AS OUTLINED IN THE BROCHURES ENTITLED "BEST MANAGEMENT PRACTICE FOR THE CONSTRUCTION INDUSTRY" ISSUED BY THE CALIFORNIA STORM WATER QUALITY ASSOCIATION, NONPOINT SOURCE POLLUTION CONTROL PROGRAM, TO SUIT THE CONSTRUCTION SITE AND JOB CONDITION. THE CONTRACTOR SHALL PRESENT THEIR PROPOSED BMP AT THE PRECONSTRUCTION MEETING FOR DISCUSSION AND APPROVAL.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCING PER CONTRACT DOCUMENTS TO SERVE LIMIT OF WORK AREAS. FENCING MAY BE ADJUSTED DURING CONSTRUCTION BASED ON CONSTRUCTION SEQUENCE OR THE DISTRICT'S DIRECTION.
- SHALL NOT BE PERMITTED.

CONTACT INFORMATION

ORGANIZATION	NAME	PHONE
OWNER DIABLO VALLEY COLLEGE	JAMES BUCHANAN	(925) 969-4275
CIVIL ENGINEER/ LANDSCAPE ARCHITECT VERDE DESIGN INC.	DEVIN CONWAY TIMOTHY LOGGINS	(408) 850-3420 (408) 850-3462
CONSTRUCTION MANAGER KITCHELL	YOUSEF AREIGAT	(619) 323-5988

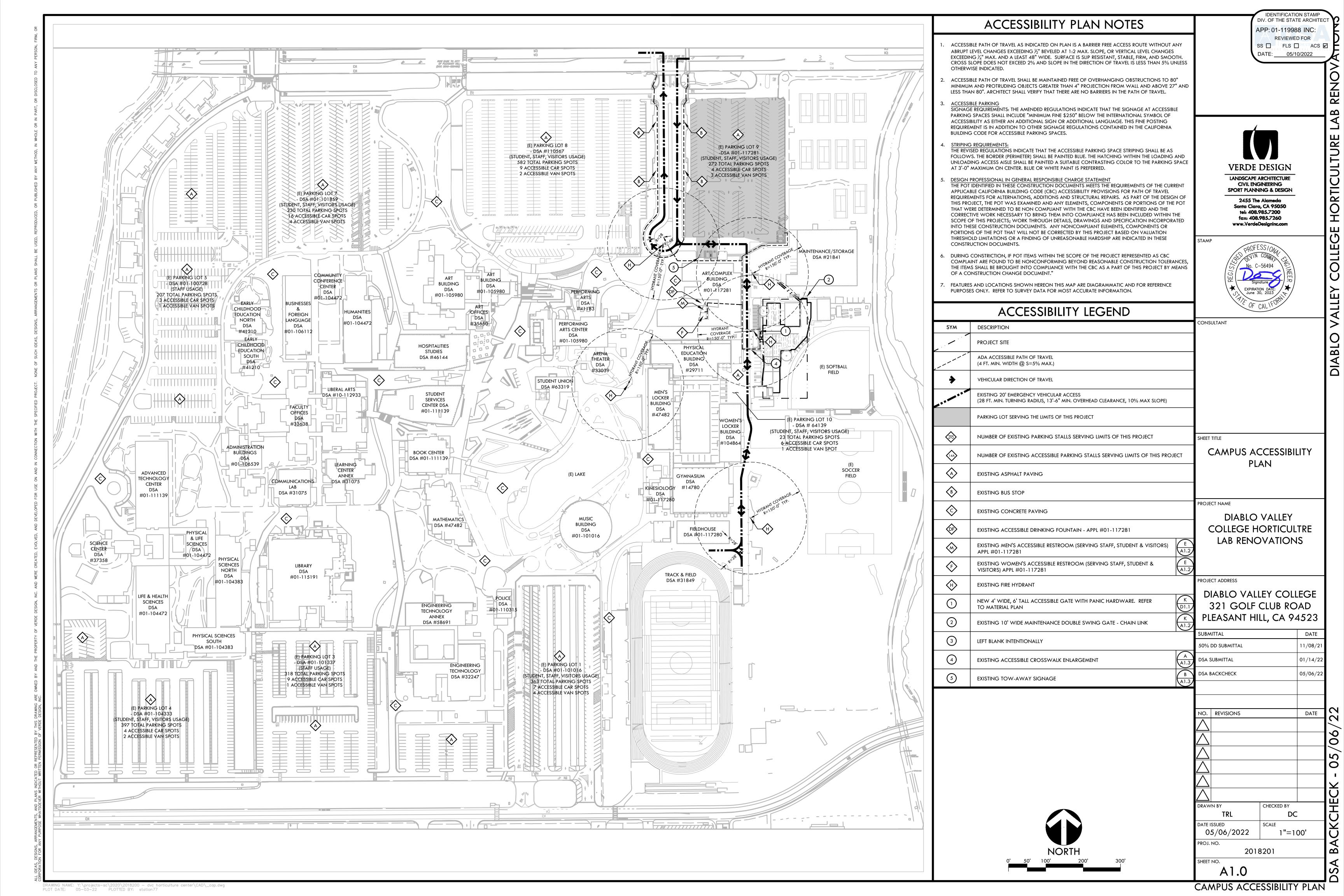
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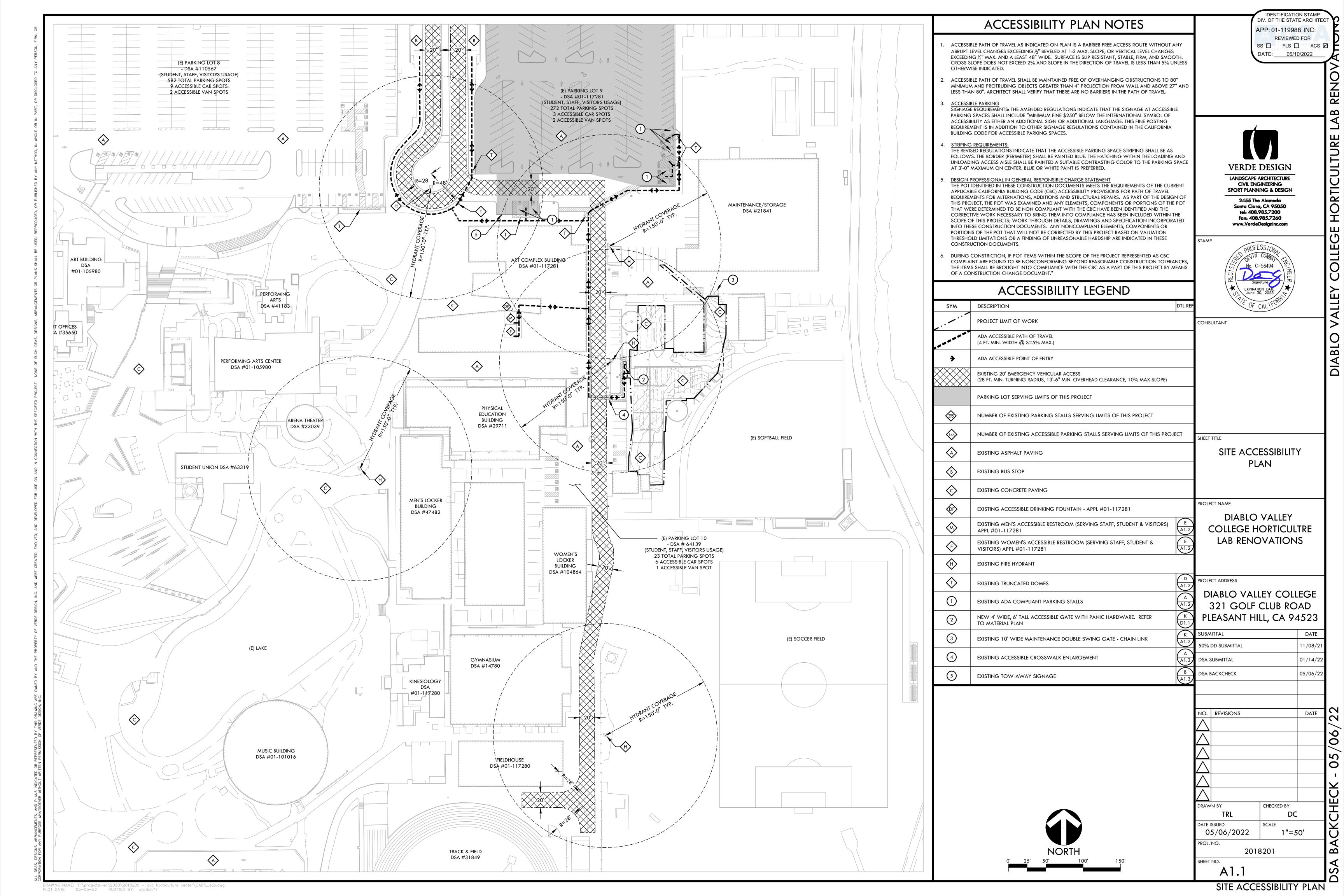
SHEET NO.	SHEET DESCRIPTION
C0.0	COVER SHEET
A1.0	CAMPUS ACCESSIBILITY PLAN
A1.1	SITE ACCESSIBILITY PLAN
A1.2	ACCESSIBLE DETAILS
A1.3	ACCESSIBLE DETAILS
L1.0	EXISTING CONDITIONS SURVEY PLAN
L2.0	EROSION AND SEDIMENT CONTROL PL
L3.0	DEMOLITION PLAN
L4.0	GRADING PLAN
L5.0	DRAINAGE AND UTILITY PLAN
L6.0	LAYOUT PLAN
L7.0	MATERIAL AND DETAIL REFERENCE PLAN
D1.0	CONSTRUCTION DETAILS

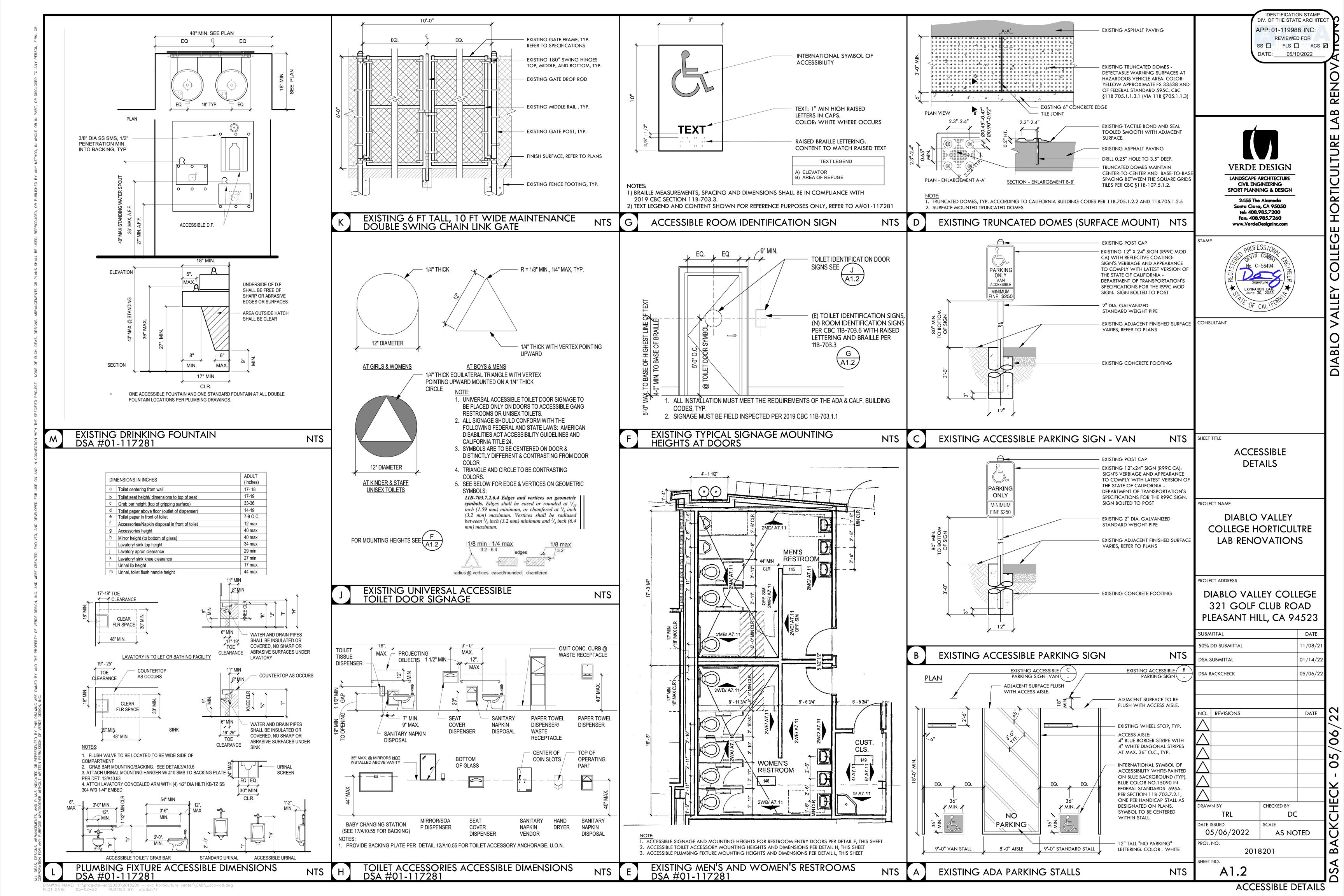
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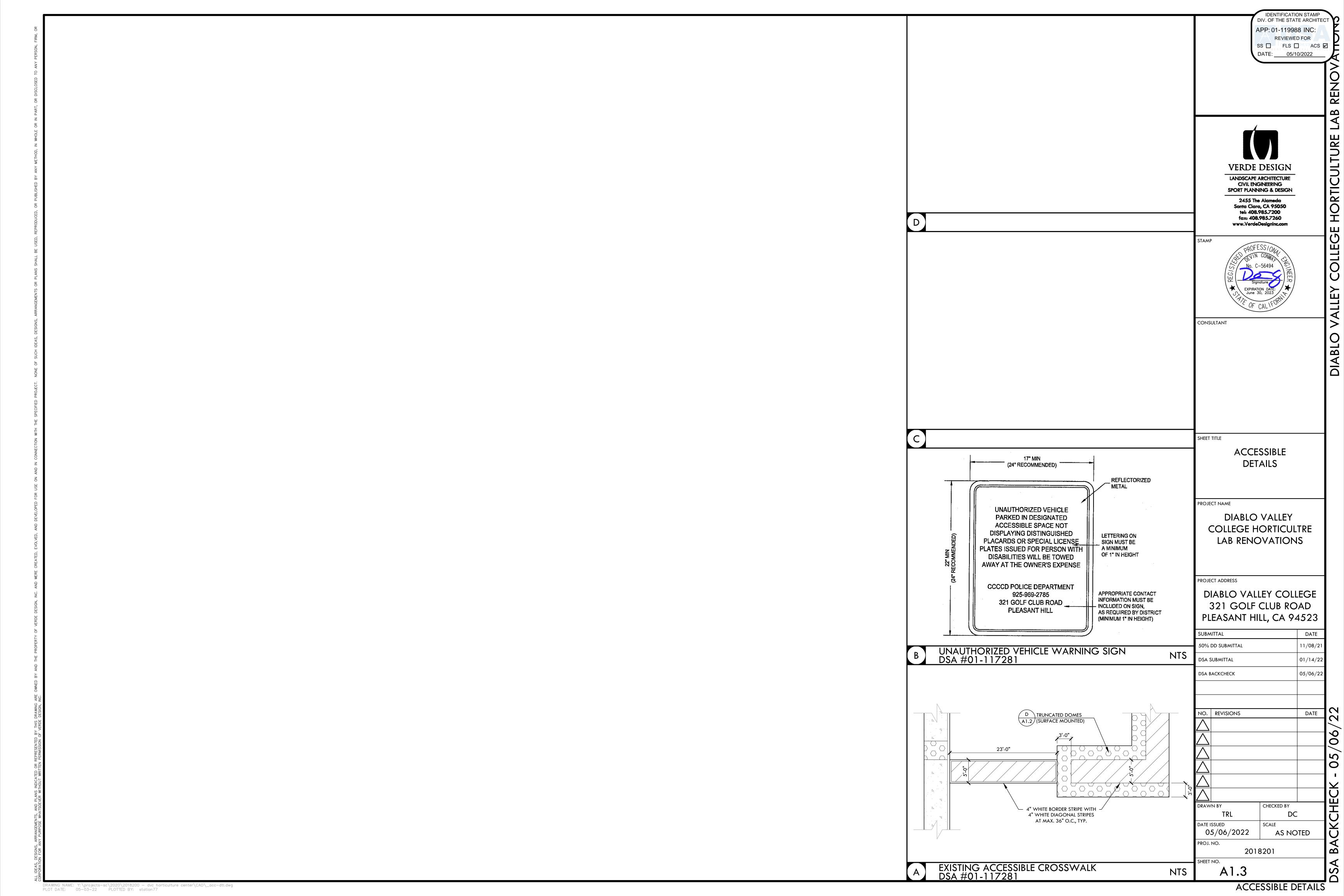
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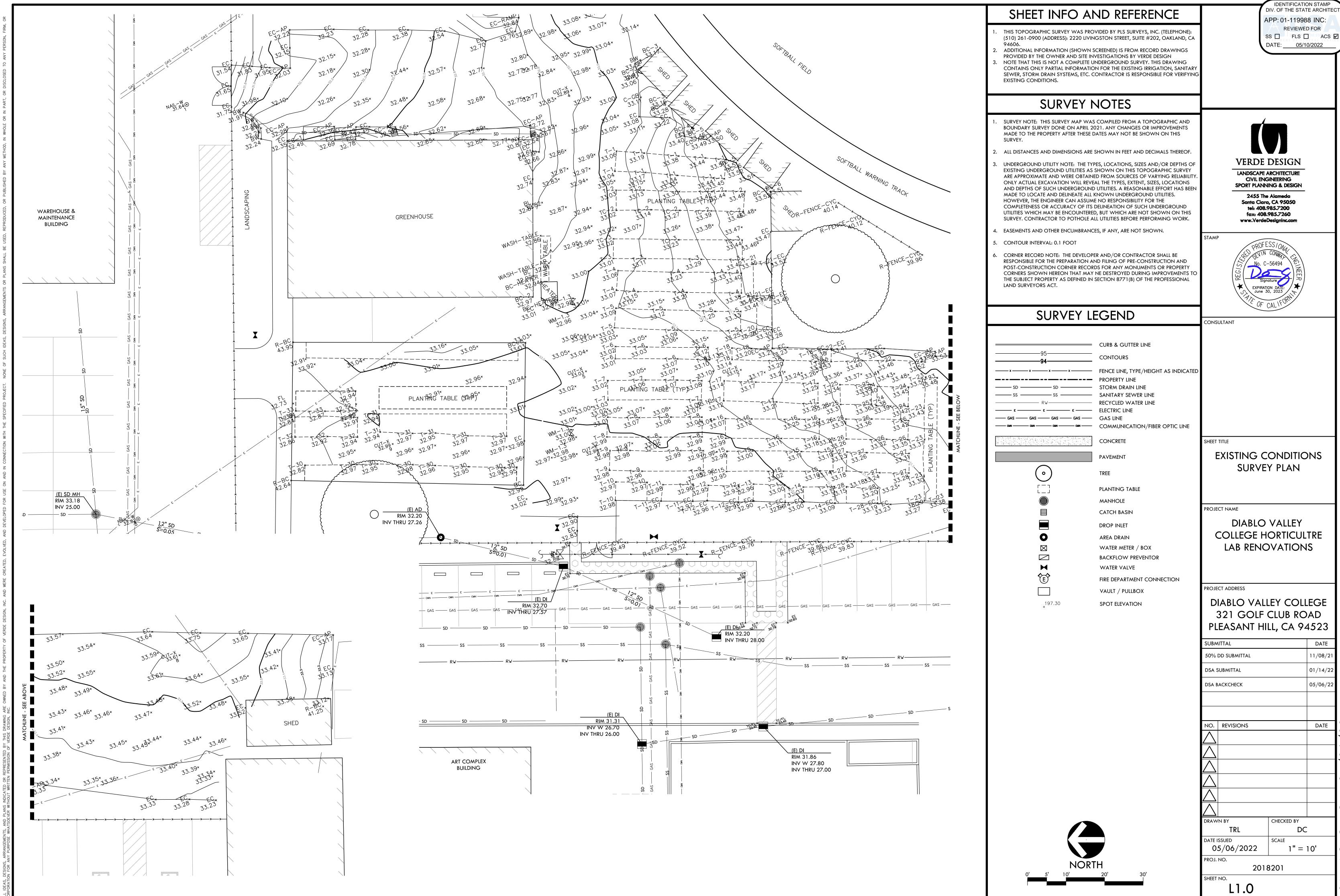
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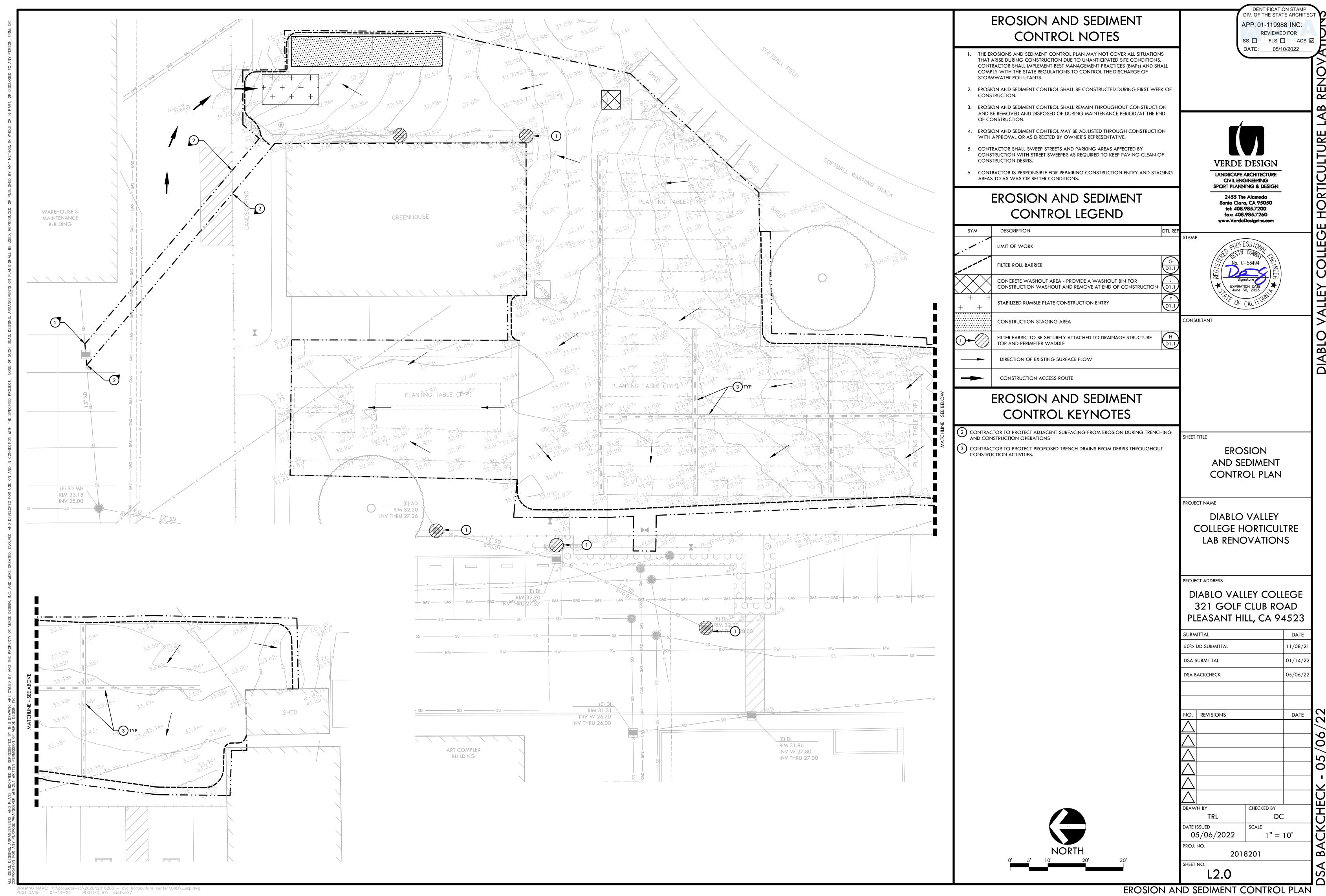




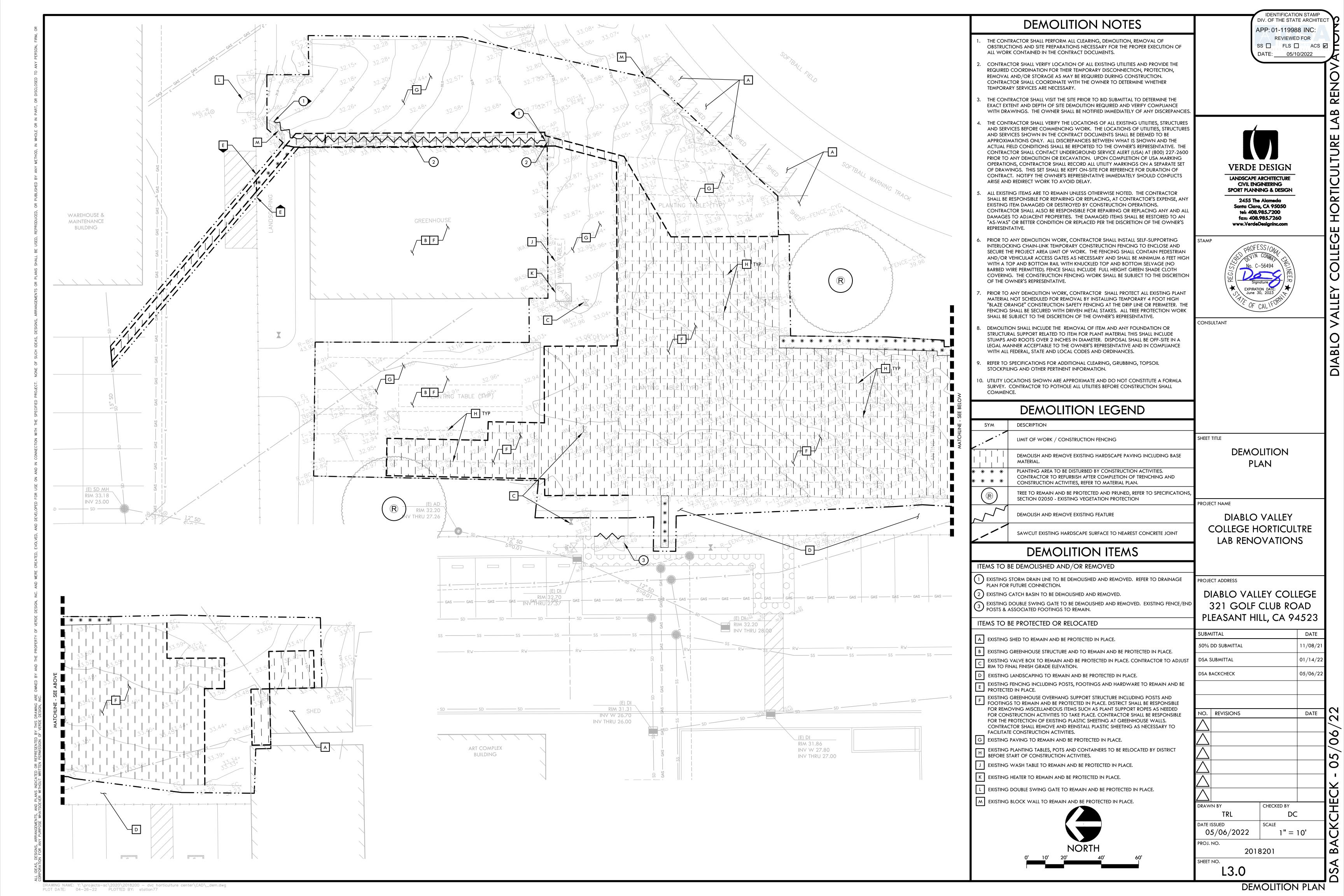


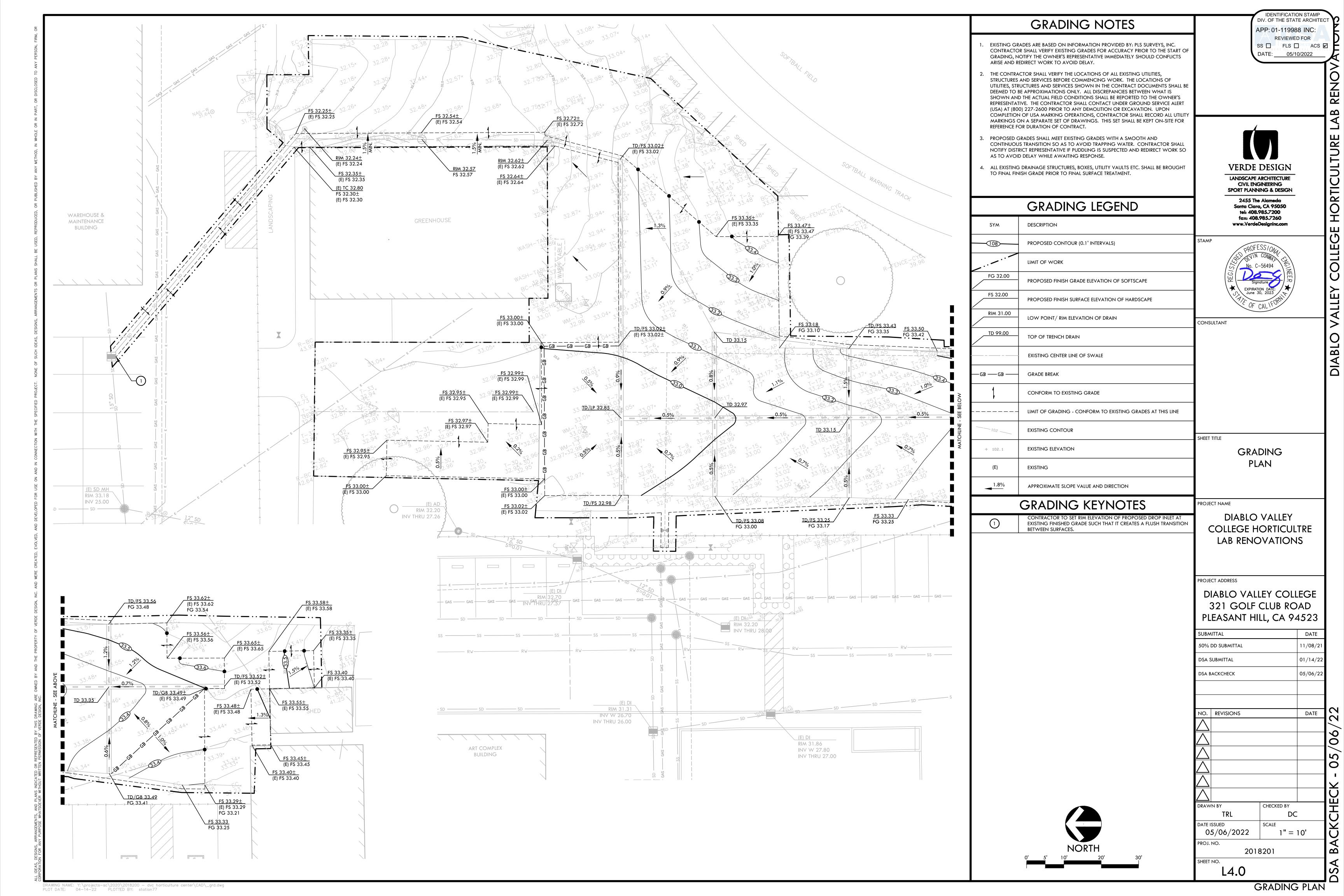
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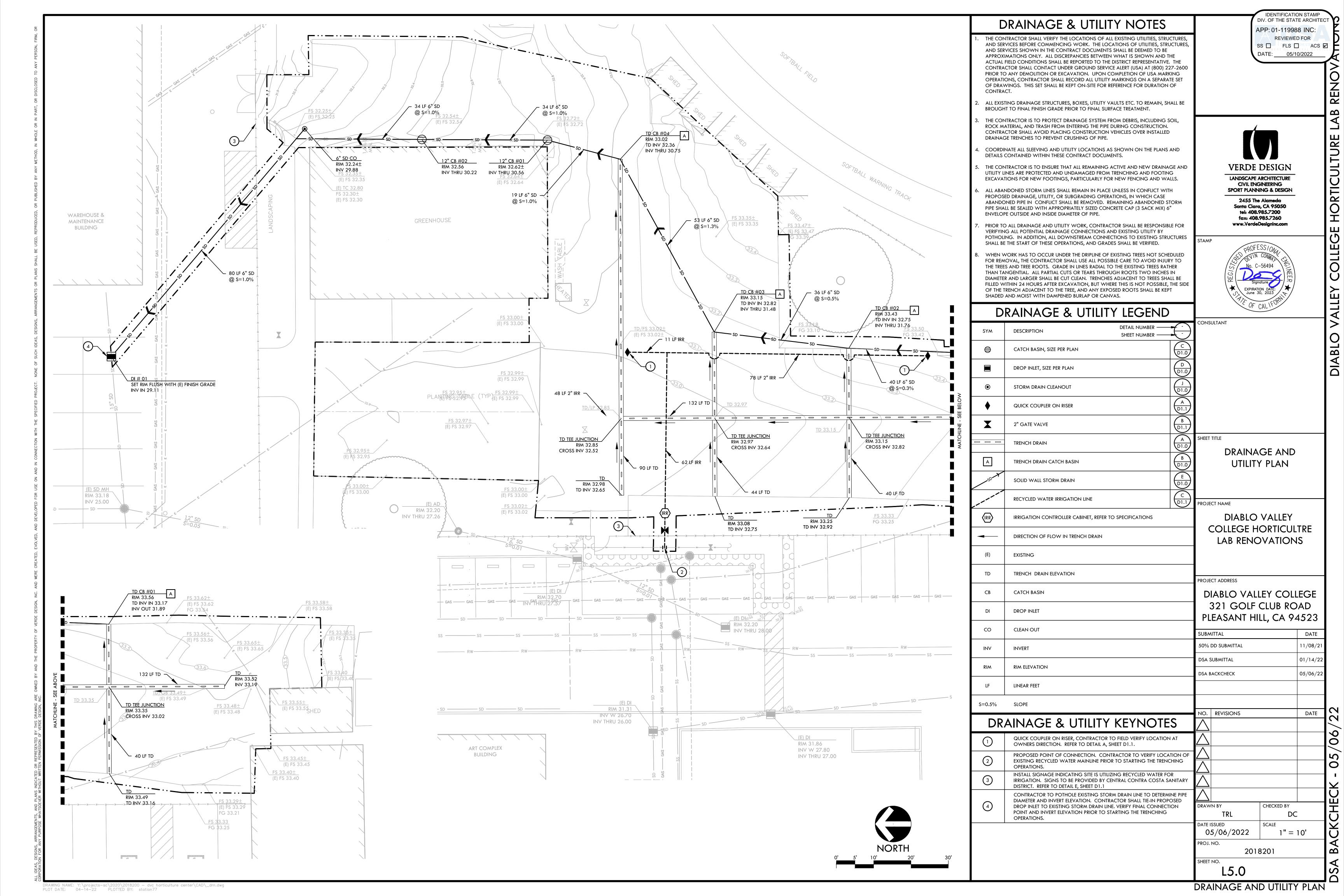
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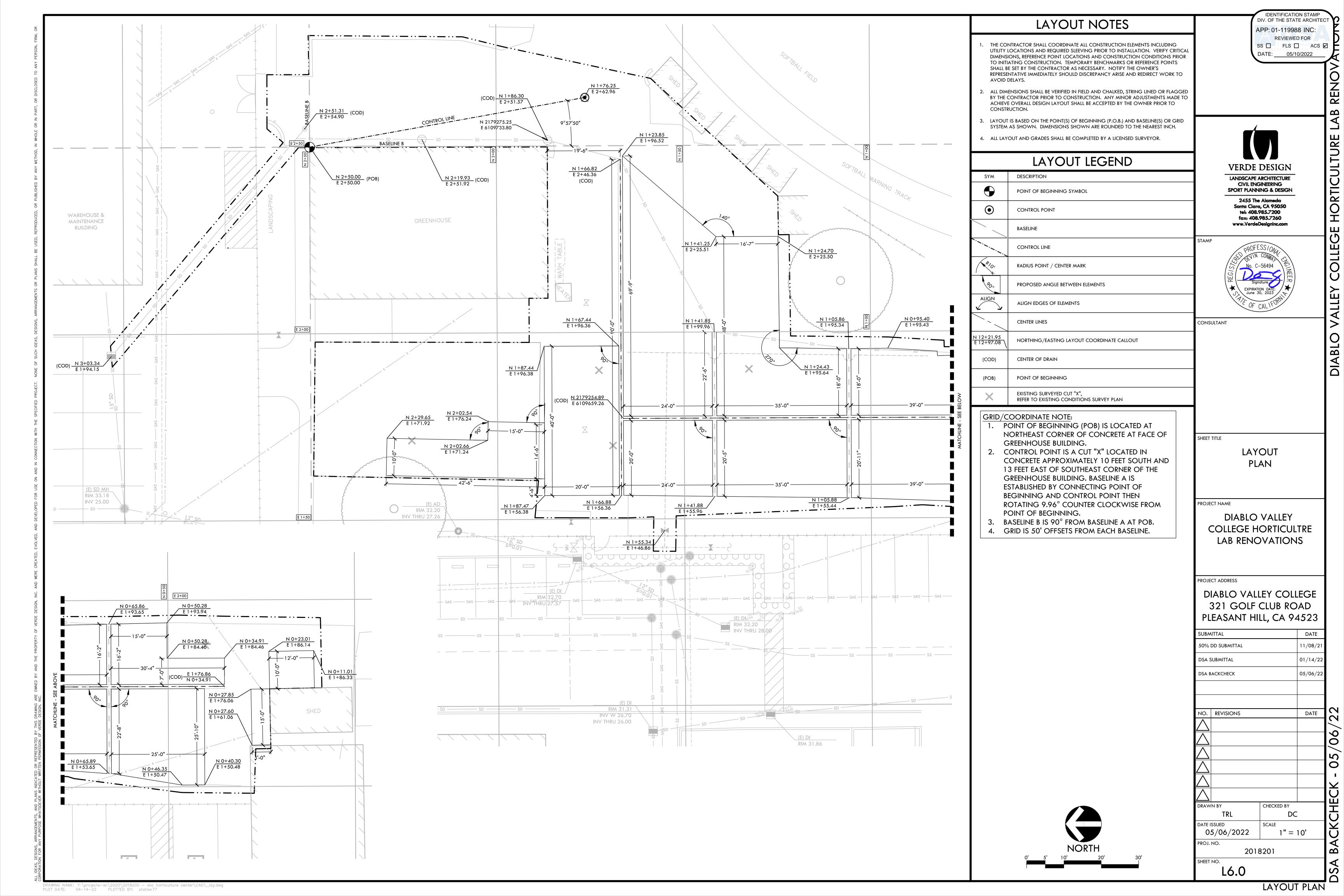


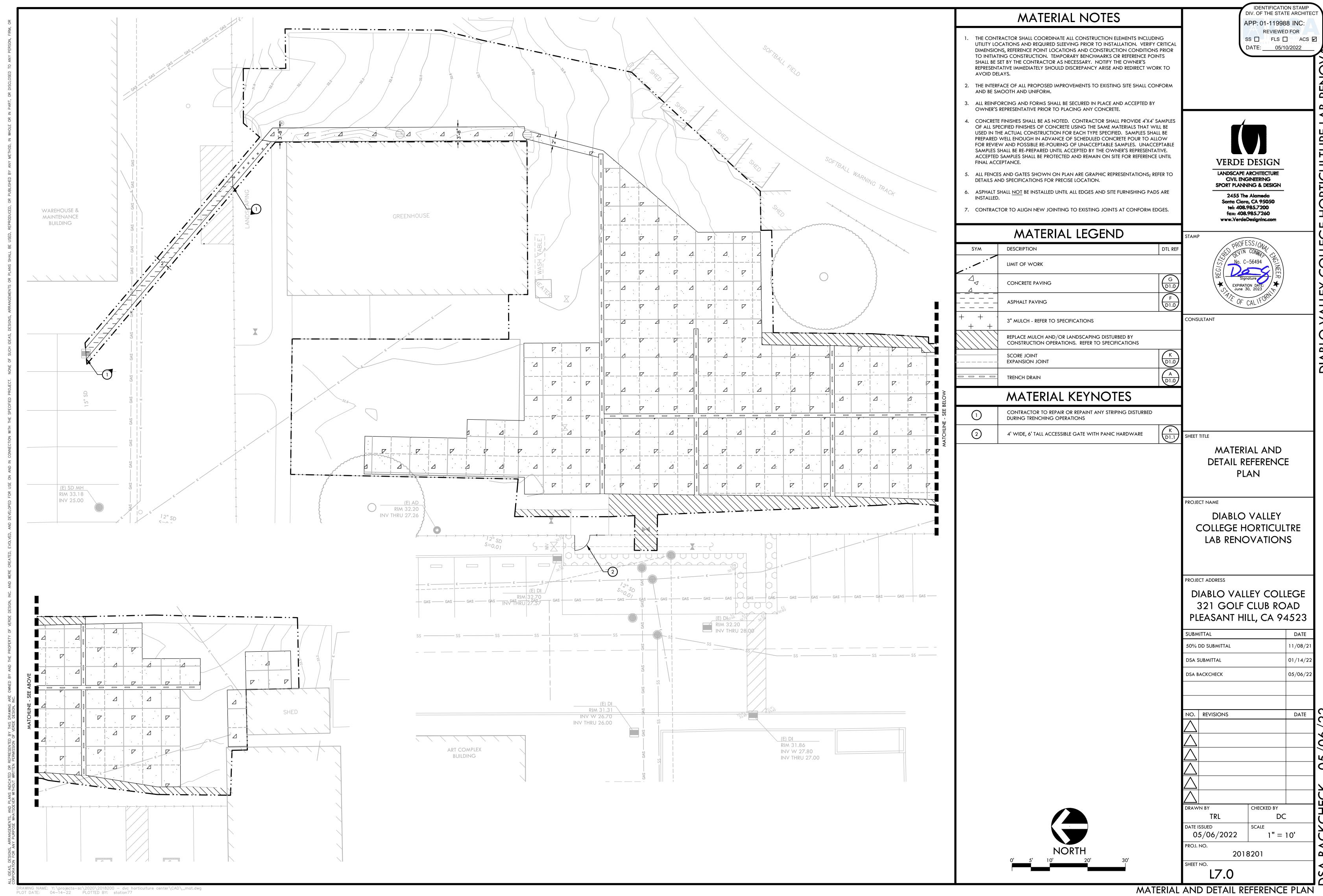
EROSION AND SEDIMENT CONTROL PLAN











MATERIAL AND DETAIL REFERENCE PLAN

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