VICINITY MAP

- PROJECT SITE SCHOOL

CONSTRUCTION DRAWINGS FOR

FREEDOM HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

1050 NEROLY ROAD OAKLEY, CA 94561 LIBERTY UNION HIGH SCHOOL DISTRICT VERDE DESIGN, INC. PROJECT NO. 2111100

PREPARED BY







CONTACT INFORMATION

ORGANIZATION	NAME	PHONE
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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.

- LIMIT OF WORK

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

NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES. TITLE III COVERS PUBLIC ACCOMMODATIONS 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	2019 EDITION
NFPA 1 <i>7</i>	DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
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) (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES)	2019 EDITION
NFPA 253	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS	2019 EDITION
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2018 EDITION
ASME 17.1	ELEVATOR STANDARD	2016 EDITION

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

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 OWNER REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- 3. ALL EXISTING FIRE EXTINGUISHING SYSTEMS ARE IN COMPLIANCE WITH UL 300, CBC 904.11, CFC 904.11.

SCOPE OF WORK

SCOPE OF WORK SHALL INCLUDE THE DEMOLITION OF EXISTING INFIELD FINES, NATURAL TURF, AND IRRIGATION. CONTRACTOR SHALL COMPLETE: EARTHWORK AND GRADING OPERATIONS, THE INSTALLATION OF NEW CONCRETE WORK, DRAINAGE SYSTEM IMPROVEMENTS, FENCING, EDGEBANDS, ATHLETIC FURNISHINGS, SYNTHETIC TURF. INFIELD FINES. IRRIGATION, AND LANDSCAPING.

BID ALTERNATE

1. BID ALTERNATE A - SYNTHETIC TURF MAINTENANCE CONTRACT, REFER TO SPECIFICATIONS.

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 OWNER 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. THE PLANS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM 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 OWNER, 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
- 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. 19.

POTENTIAL CONFLICTS TO THE OWNER PRIOR TO EXCAVATING FOR NEW FACILITIES.

- 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 OF THE OWNER.
- 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 OWNER.
- 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 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 OWNER 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 OWNER 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
- 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
- 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.

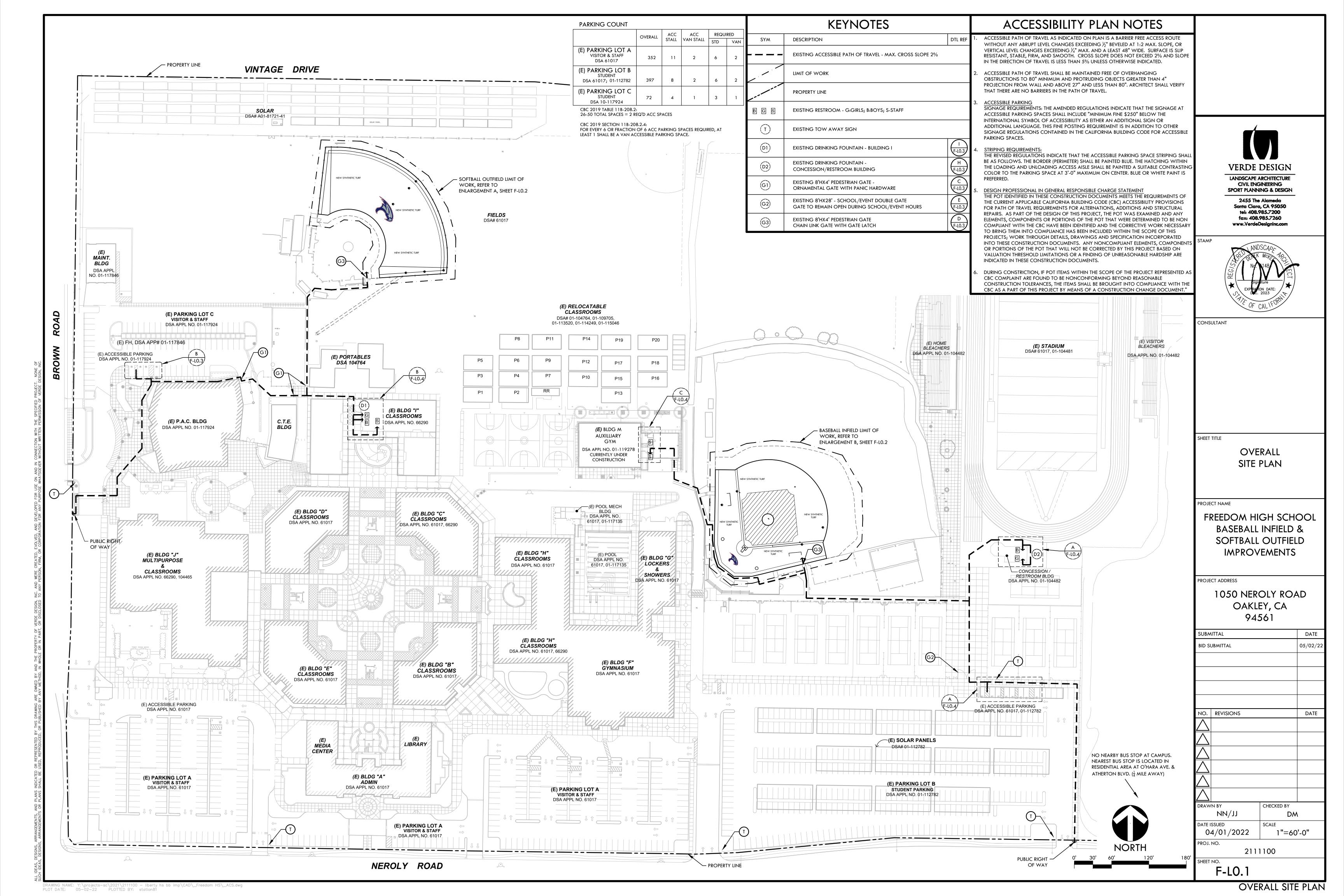
FUNCTION PROPERLY AT NO INCREASE IN PRICE.

- 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, OF ALL TRADES.
- 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 OWNER'S DIRECTION.
- 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 SHALL NOT BE PERMITTED.

SHEET INDEX (28 Sheets)

SHEET NO.	SHEET DESCRIPTION
C0.0	COVER SHEET
F-L0.1	OVERALL SITE PLAN
F-L0.2	PROJECT SITE ACCESSIBILITY PLAN
F-L0.3	EXISTING SITE CONDITIONS REVIEW
F-L0.4	EXISTING SITE CONDITIONS REVIEW
F-L2.1	EROSION AND SEDIMENT CONTROL PLAN - BASEBALL FIELD
F-L2.2	EROSION AND SEDIMENT CONTROL PLAN - SOFTBALL FIELD
F-L3.1	DEMOLITION PLAN - BASEBALL FIELD
F-L3.2	DEMOLITION PLAN - SOFTBALL FIELD
F-L3.3	IRRIGATION DEMOLITION PLAN - BASEBALL FIELD
F-L3.4	IRRIGATION DEMOLITION PLAN - SOFTBALL FIELD
F-L4.1	GRADING PLAN - BASEBALL FIELD
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F-L5.1	DRAINAGE AND UTILITY PLAN - BASEBALL FIELD
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F-L6.1	LAYOUT PLAN - BASEBALL FIELD
F-L6.2	LAYOUT PLAN - SOFTBALL FIELD
F-L7.1	MATERIAL AND DETAIL REFERENCE PLAN - BASEBALL FIELD
F-L7.2	MATERIAL AND DETAIL REFERENCE PLAN - SOFTBALL FIELD
F-L8.1	IRRIGATION PLAN - BASEBALL FIELD
F-L8.2	IRRIGATION PLAN - SOFTBALL FIELD
D1.1	DRAINAGE AND UTILITY DETAILS
D2.1	CONSTRUCTION DETAILS
D3.1	ATHLETIC DETAILS
D3.2	ATHLETIC DETAILS
D4.1	IRRIGATION DETAILS

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	KEYNOTES			
SYM	DESCRIPTION	DTL REF	1.	Δ \
	EXISTING ACCESSIBLE PATH OF TRAVEL - MAX. CROSS SLOPE 2%)		V R II
	LIMIT OF WORK		2.	A
	PROPERTY LINE			P T
B G S	EXISTING RESTROOM - G:GIRLS; B:BOYS; S-STAFF		3.	S
T	EXISTING TOW AWAY SIGN			II A S P
(D1)	EXISTING DRINKING FOUNTAIN - BUILDING I	F-LO.3	4.	S
(D2)	EXISTING DRINKING FOUNTAIN - CONCESSION/RESTROOM BUILDING	H F-L0.3		B T
(GI)	EXISTING 8'HX4' PEDESTRIAN GATE - ORNAMENTAL GATE WITH PANIC HARDWARE	C F-L0.3	5.	P <u>C</u> T
G 2	EXISTING 8'HX28' - SCHOOL/EVENT DOUBLE GATE GATE TO REMAIN OPEN DURING SCHOOL/EVENT HOURS	E F-L0.3		T F
(G3)	EXISTING 8'HX4' PEDESTRIAN GATE CHAIN LINK GATE WITH GATE LATCH	D F-L0.3		R E

ACCESSIBILITY PLAN NOTES ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING $\frac{1}{2}$ " BEVELED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING $\frac{1}{4}$ " MAX. AND A LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4"

PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

ACCESSIBLE PARKING SIGNAGE REQUIREMENTS: THE AMENDED REGULATIONS INDICATE THAT THE SIGNAGE AT

ACCESSIBLE PARKING SPACES SHALL INCLUDE "MINIMUM FINE \$250" BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS EITHER AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE. THIS FINE POSTING REQUIREMENT IS IN ADDITION TO OTHER SIGNAGE REGULATIONS CONTAINED IN THE CALIFORNIA BUILDING CODE FOR ACCESSIBLE PARKING SPACES.

STRIPING REQUIREMENTS: THE REVISED REGULATIONS INDICATE THAT THE ACCESSIBLE PARKING SPACE STRIPING SHALL BE AS FOLLOWS. THE BORDER (PERIMETER) SHALL BE PAINTED BLUE. THE HATCHING WITHIN THE LOADING AND UNLOADING ACCESS AISLE SHALL BE PAINTED A SUITABLE CONTRASTING COLOR TO THE PARKING SPACE AT 3'-0" MAXIMUM ON CENTER. BLUE OR WHITE PAINT IS

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERNATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS; WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATION INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRICTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLAINT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."



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CONSULTANT

SHEET TITLE

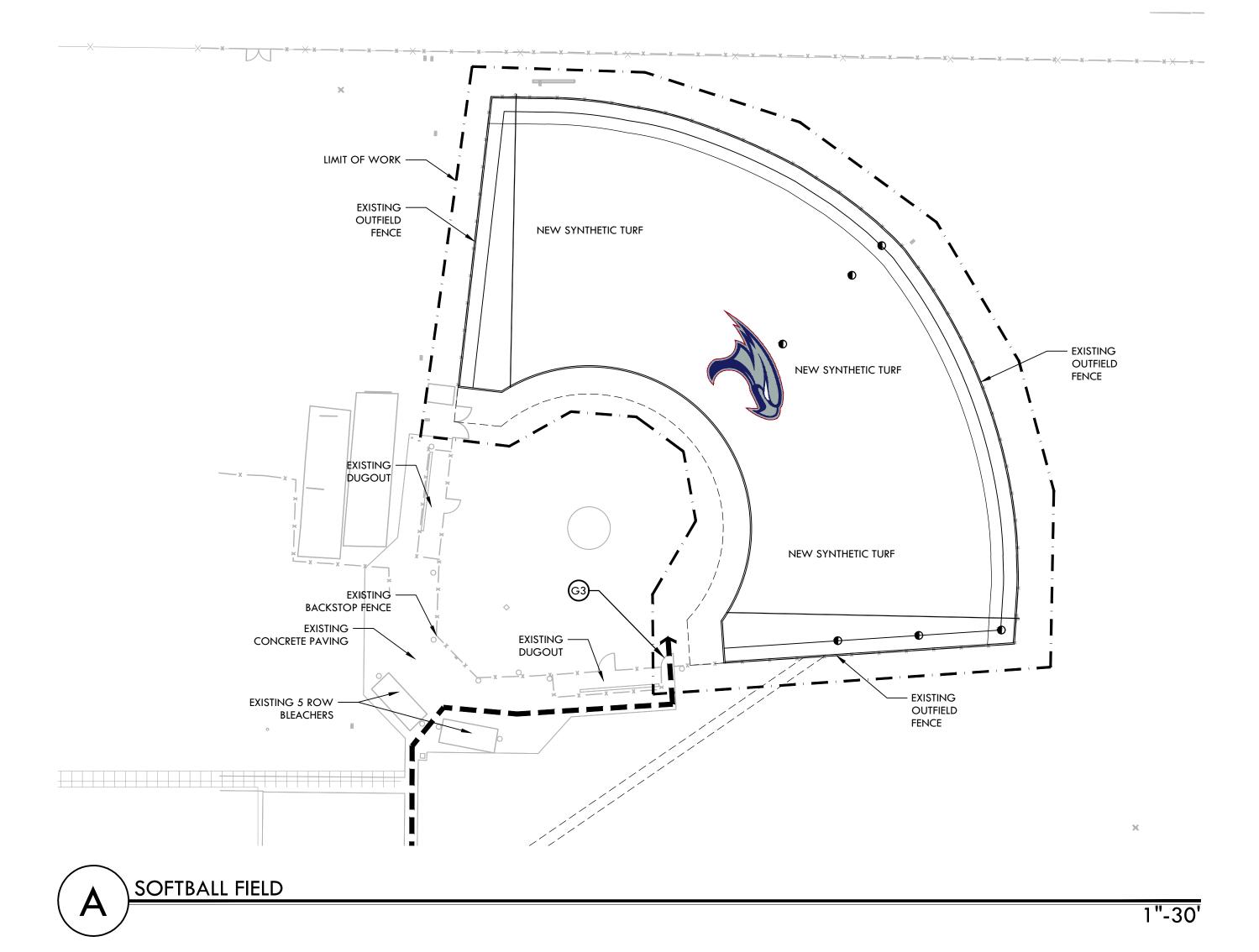
PROJECT SITE PLAN

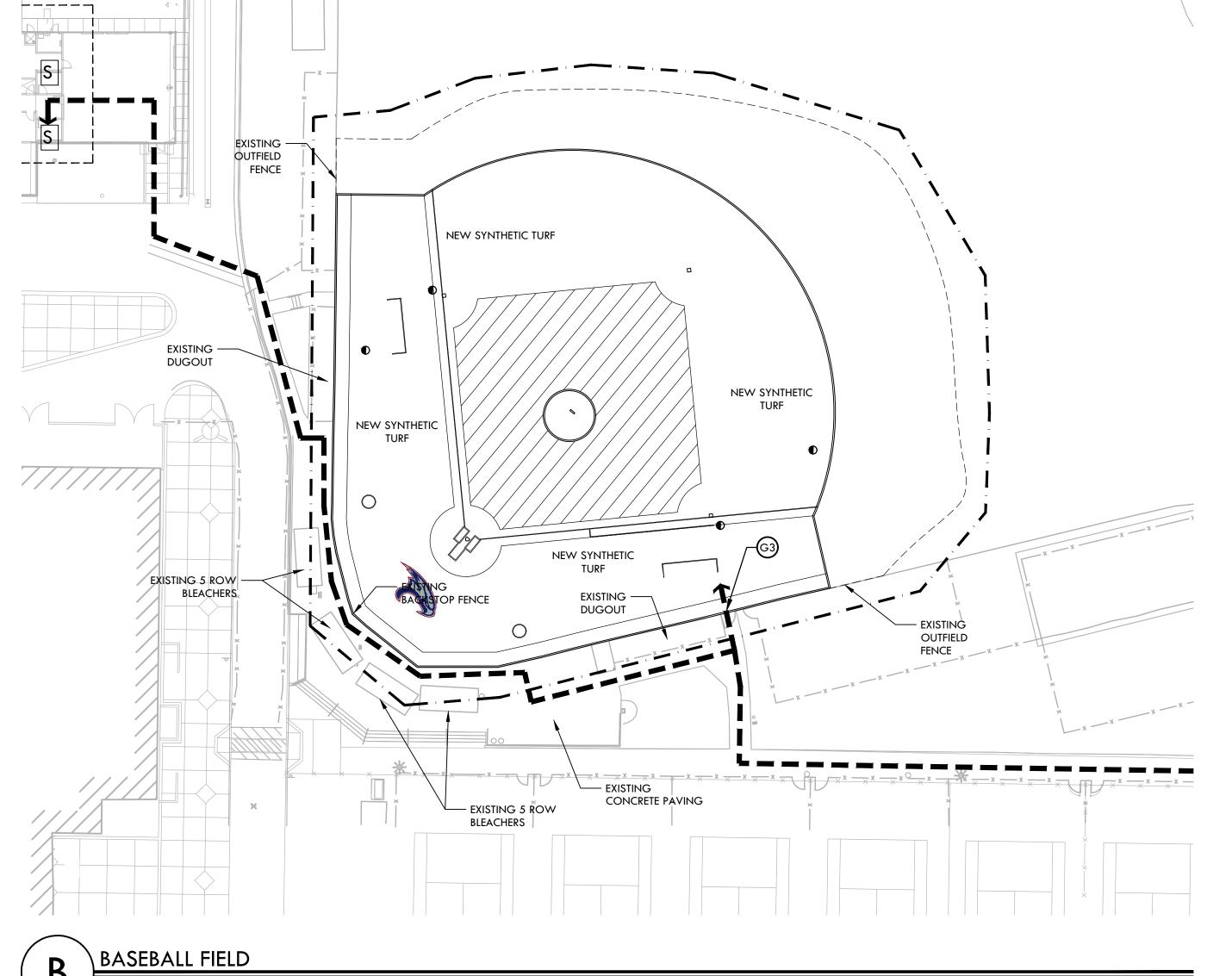
PROJECT NAME

FREEDOM HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD **IMPROVEMENTS**

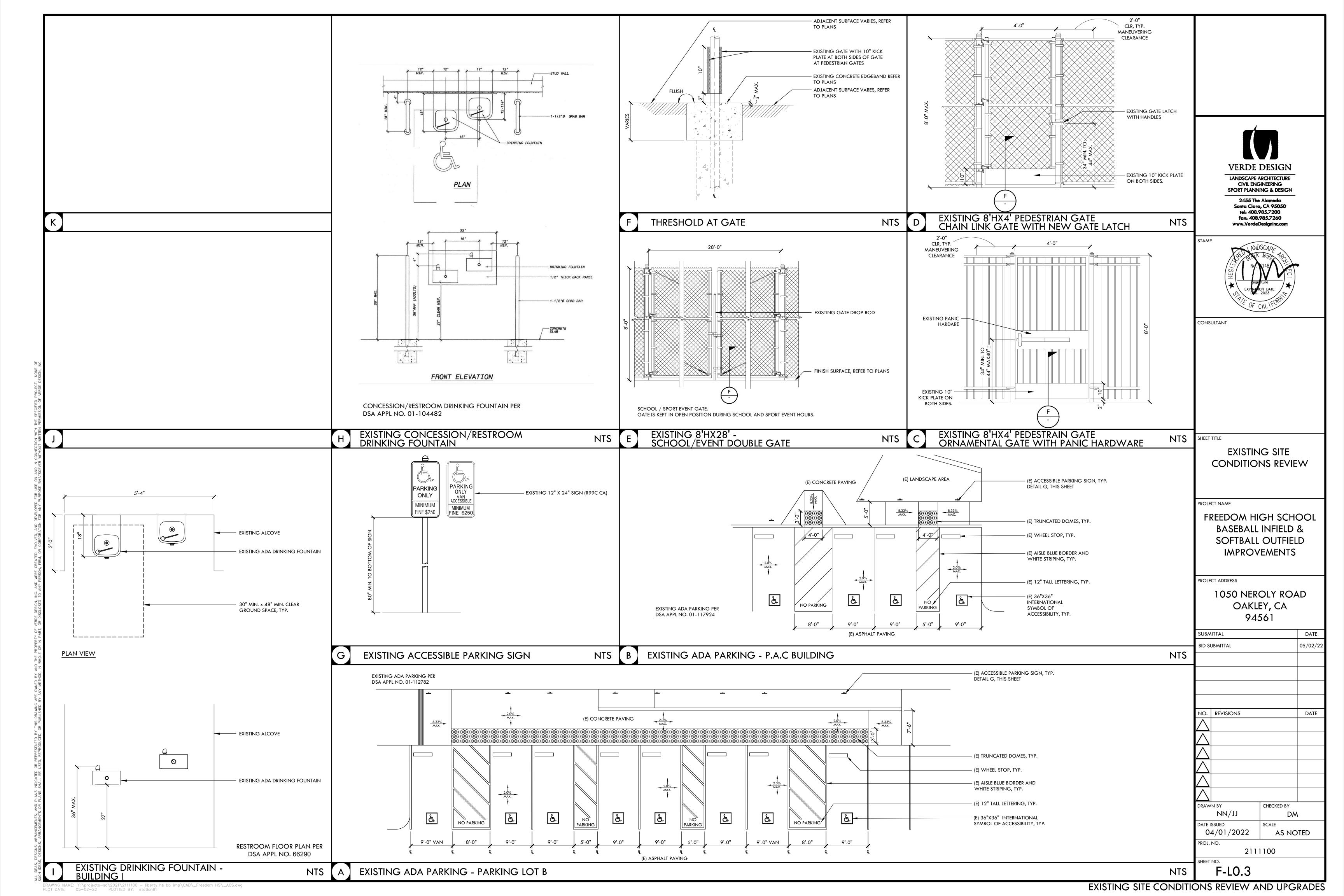
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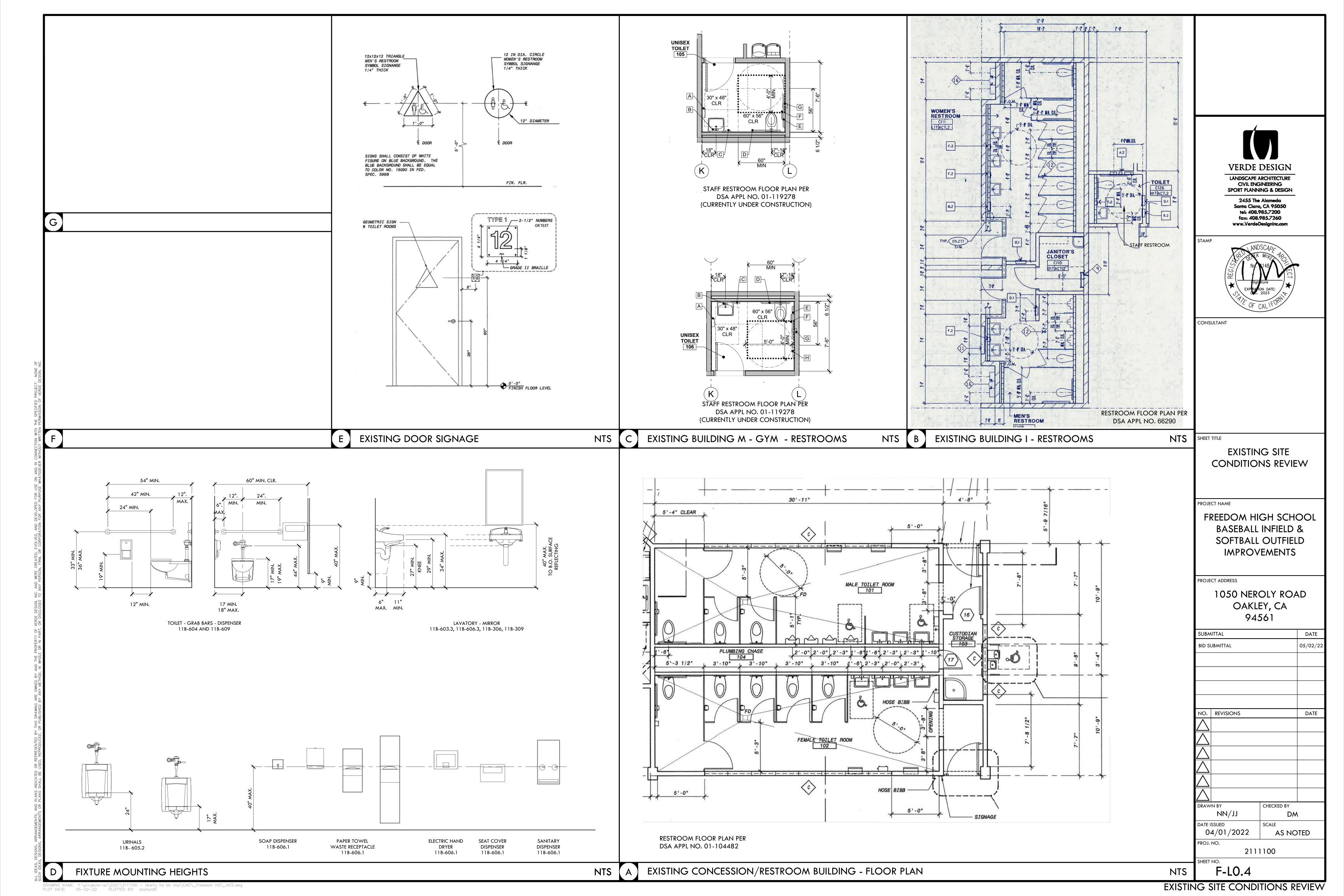
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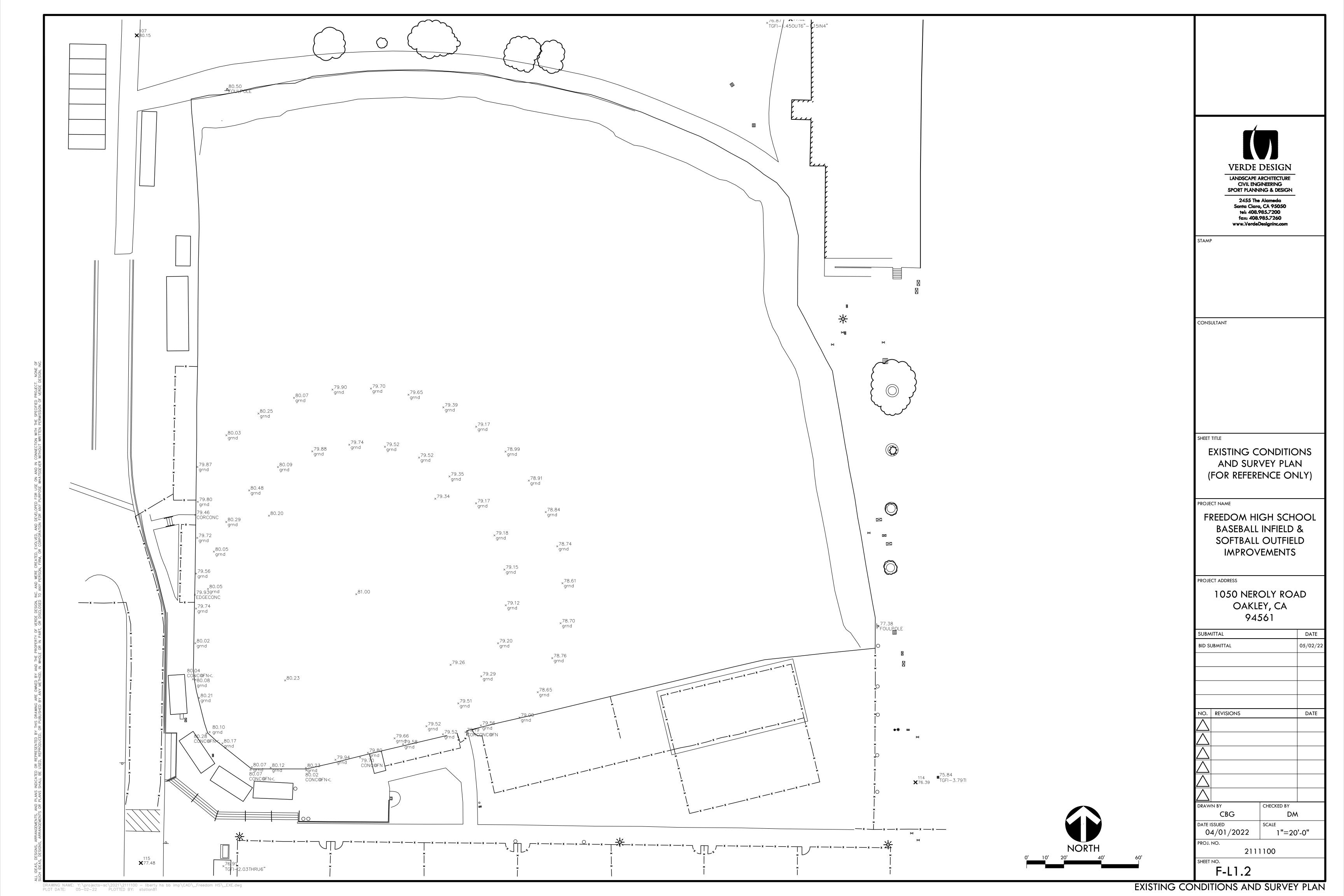


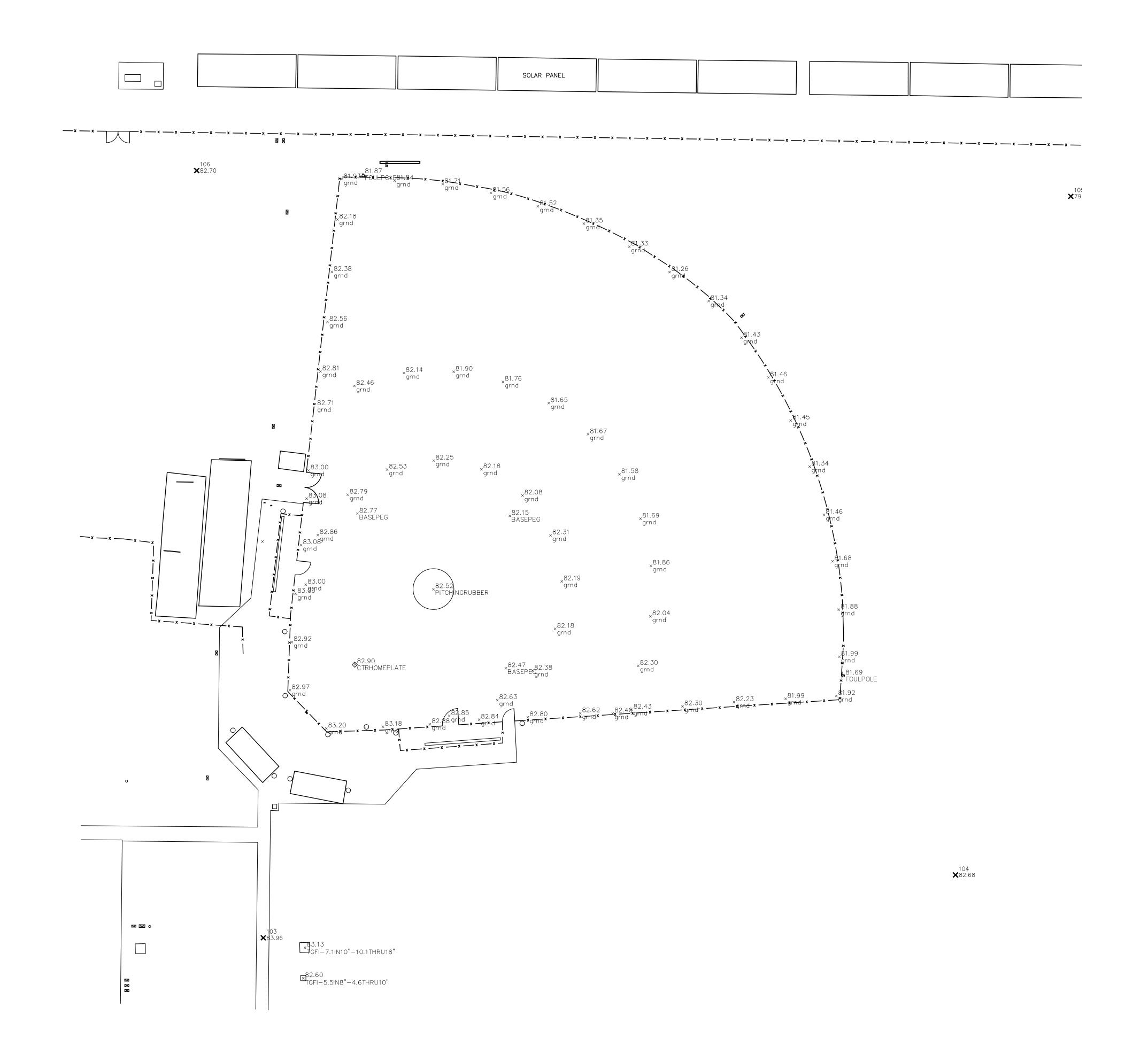


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CONSULTANT

EXISTING CONDITIONS

AND SURVEY PLAN

(FOR REFERENCE ONLY)

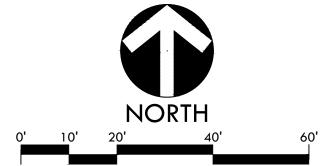
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FREEDOM HIGH SCHOOL
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SOFTBALL OUTFIELD
IMPROVEMENTS

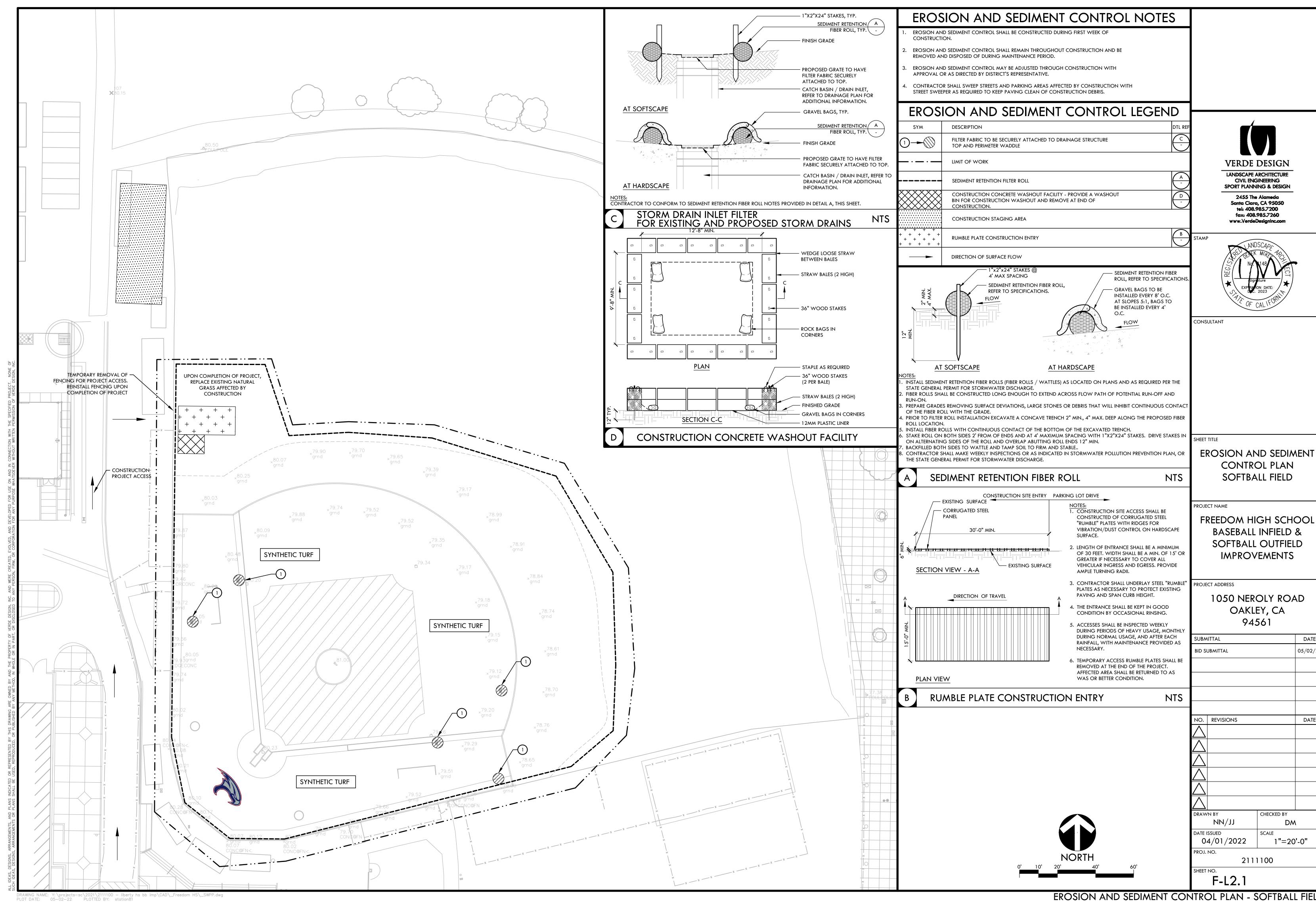
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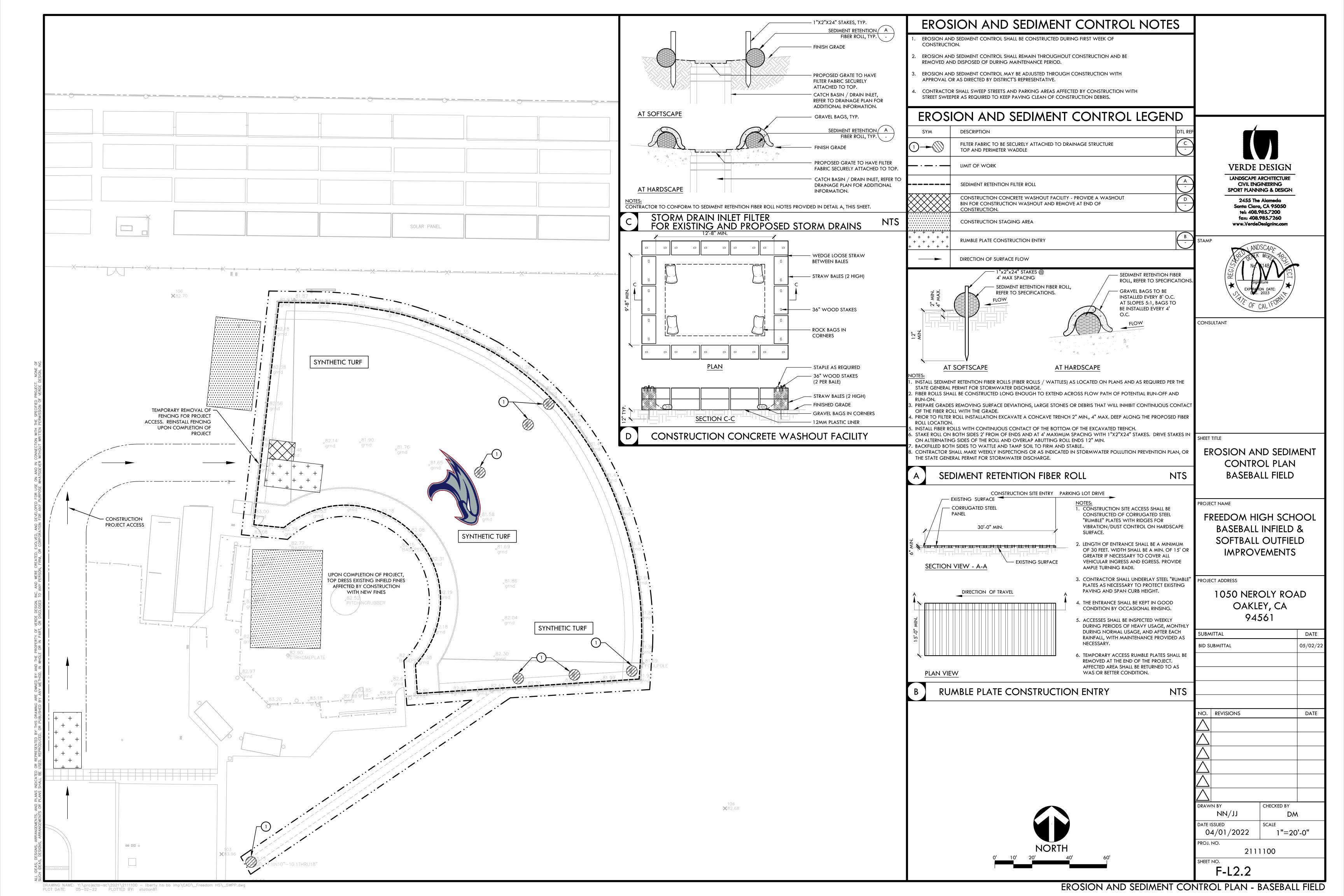
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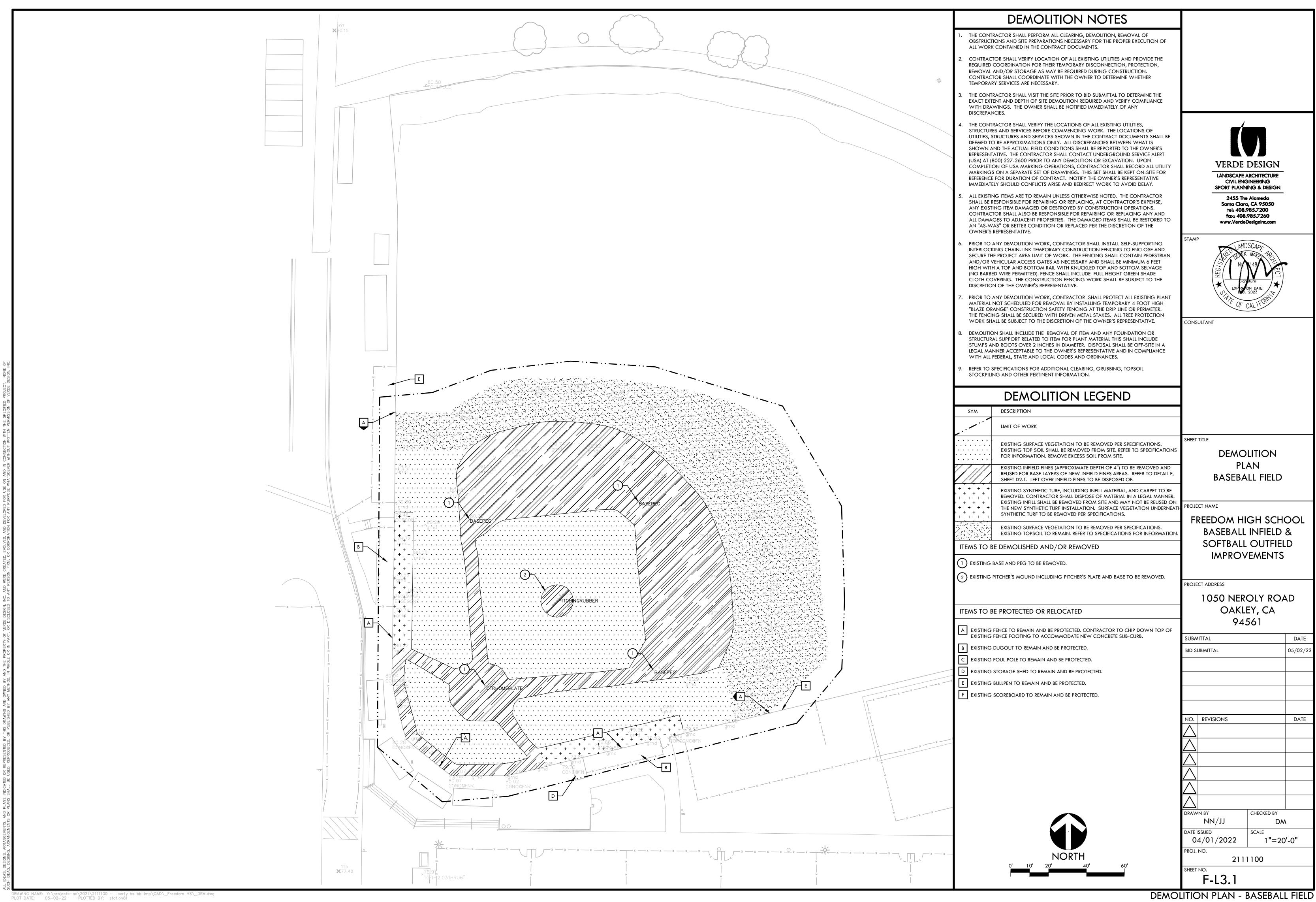
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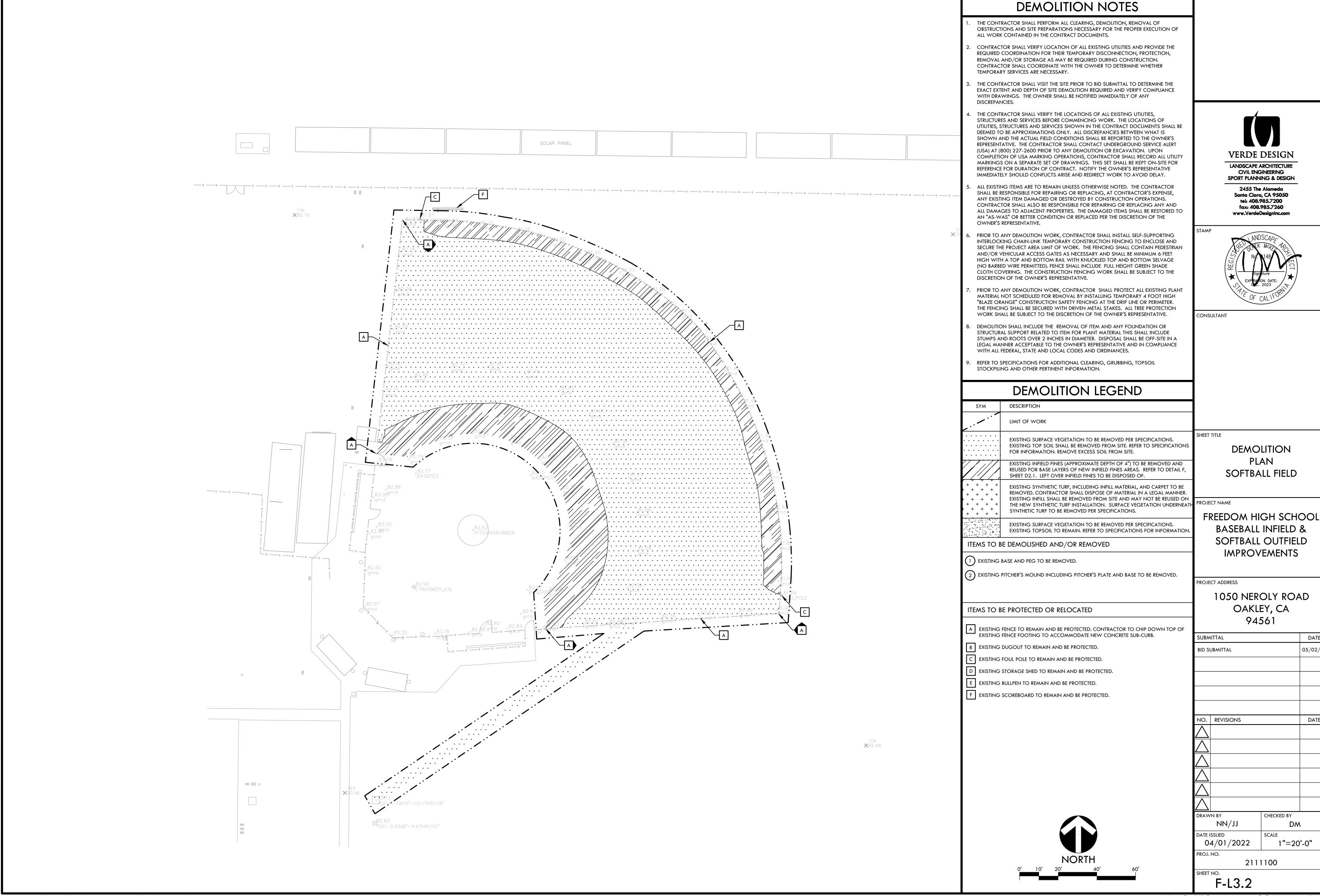


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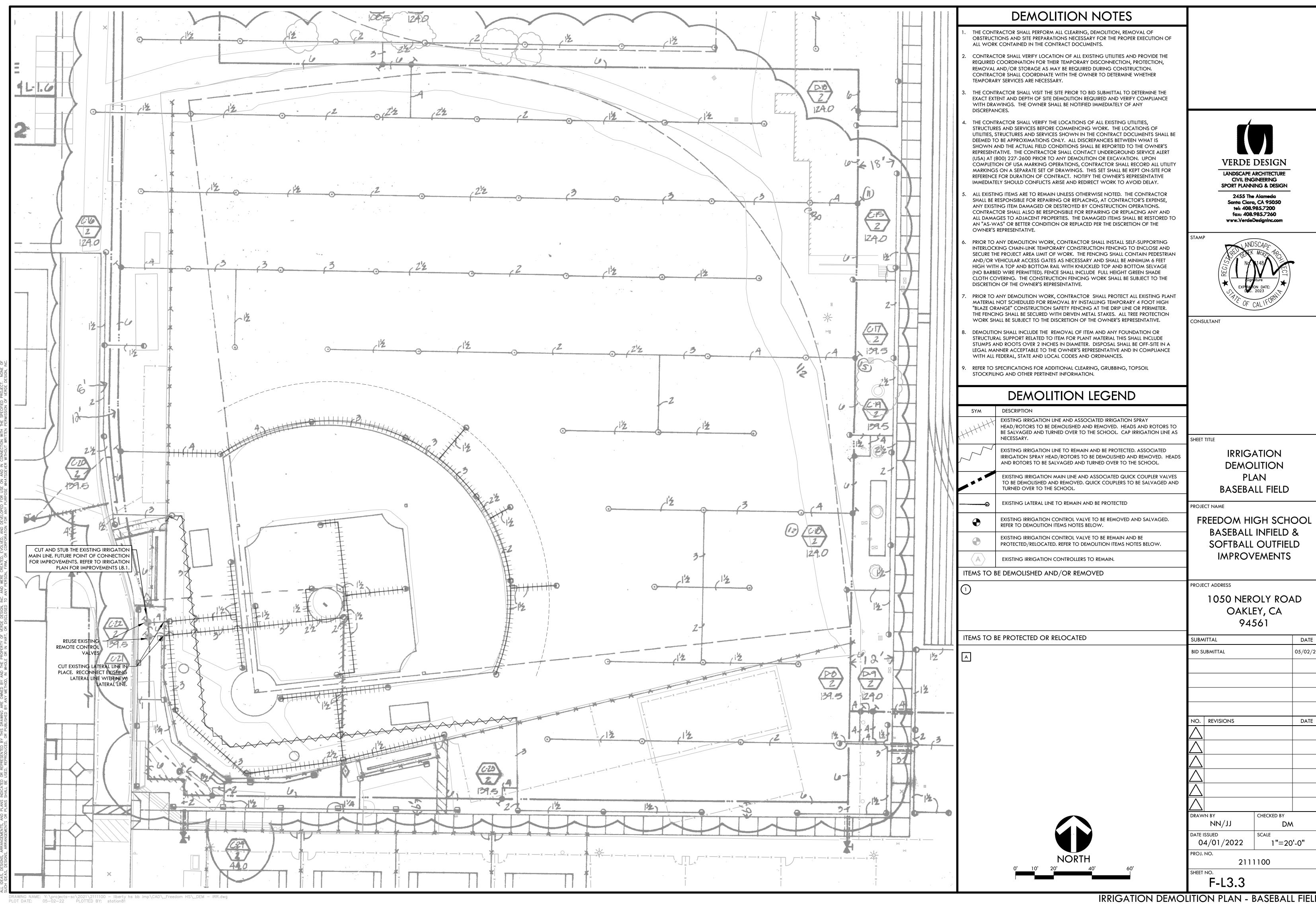


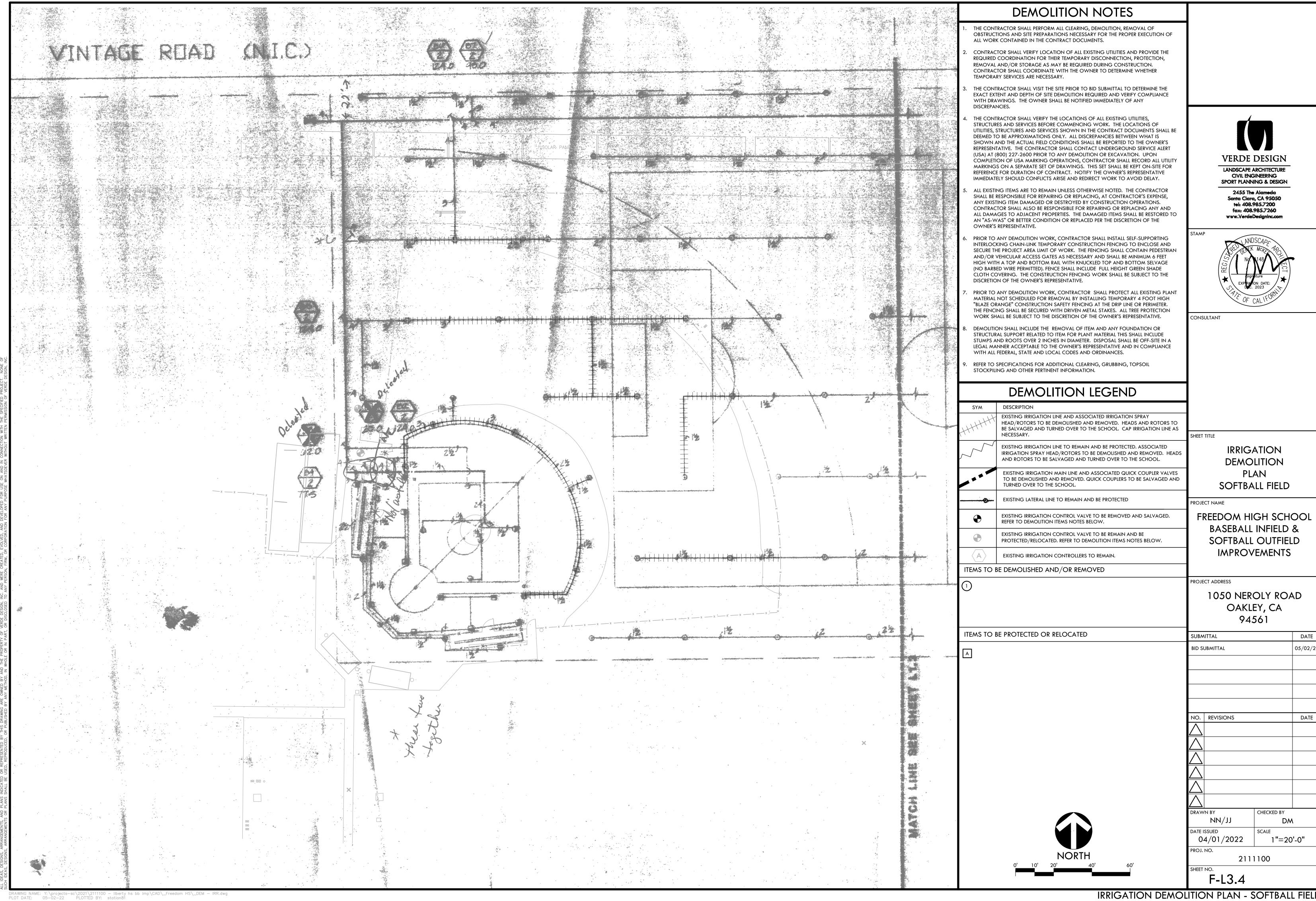


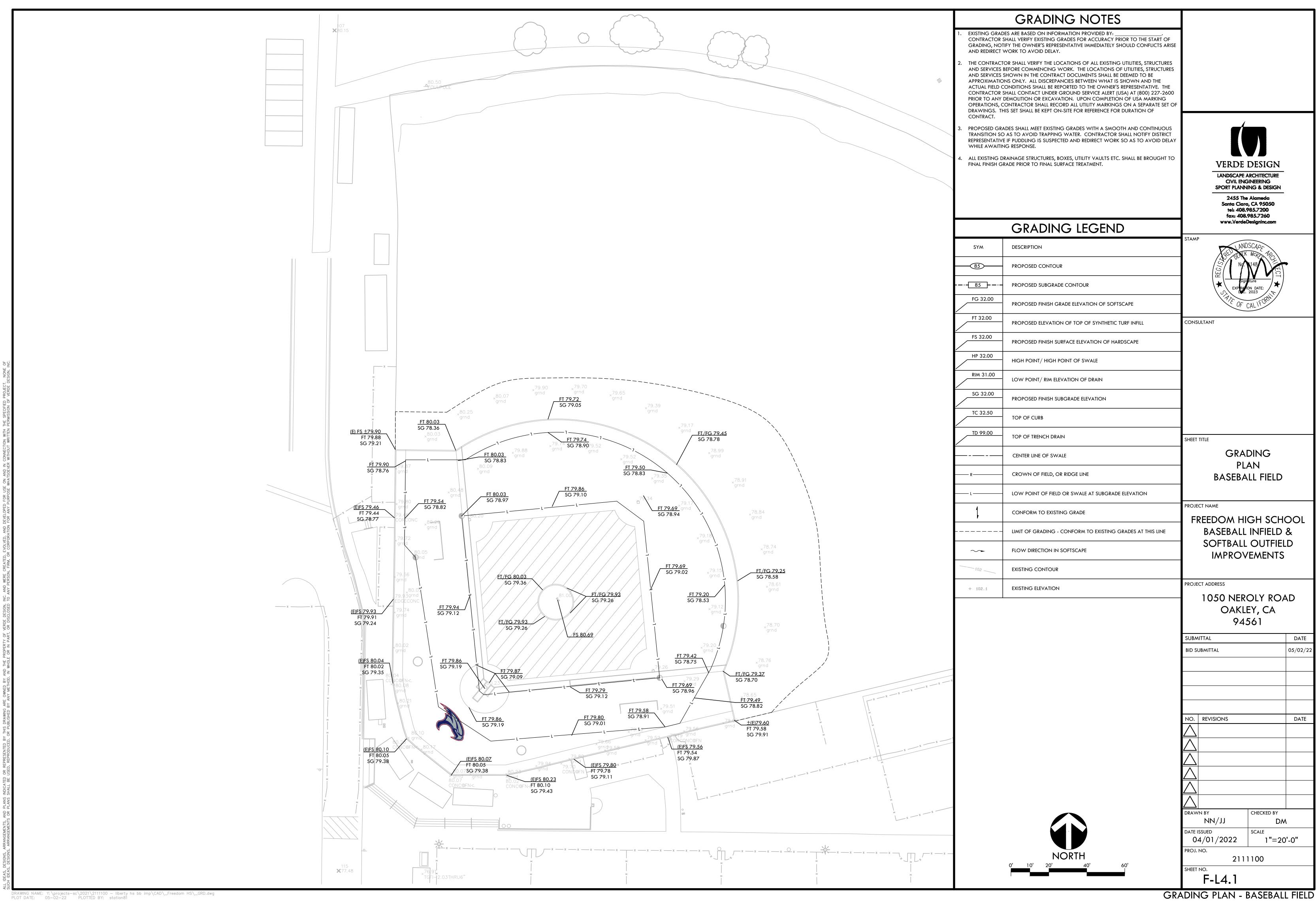


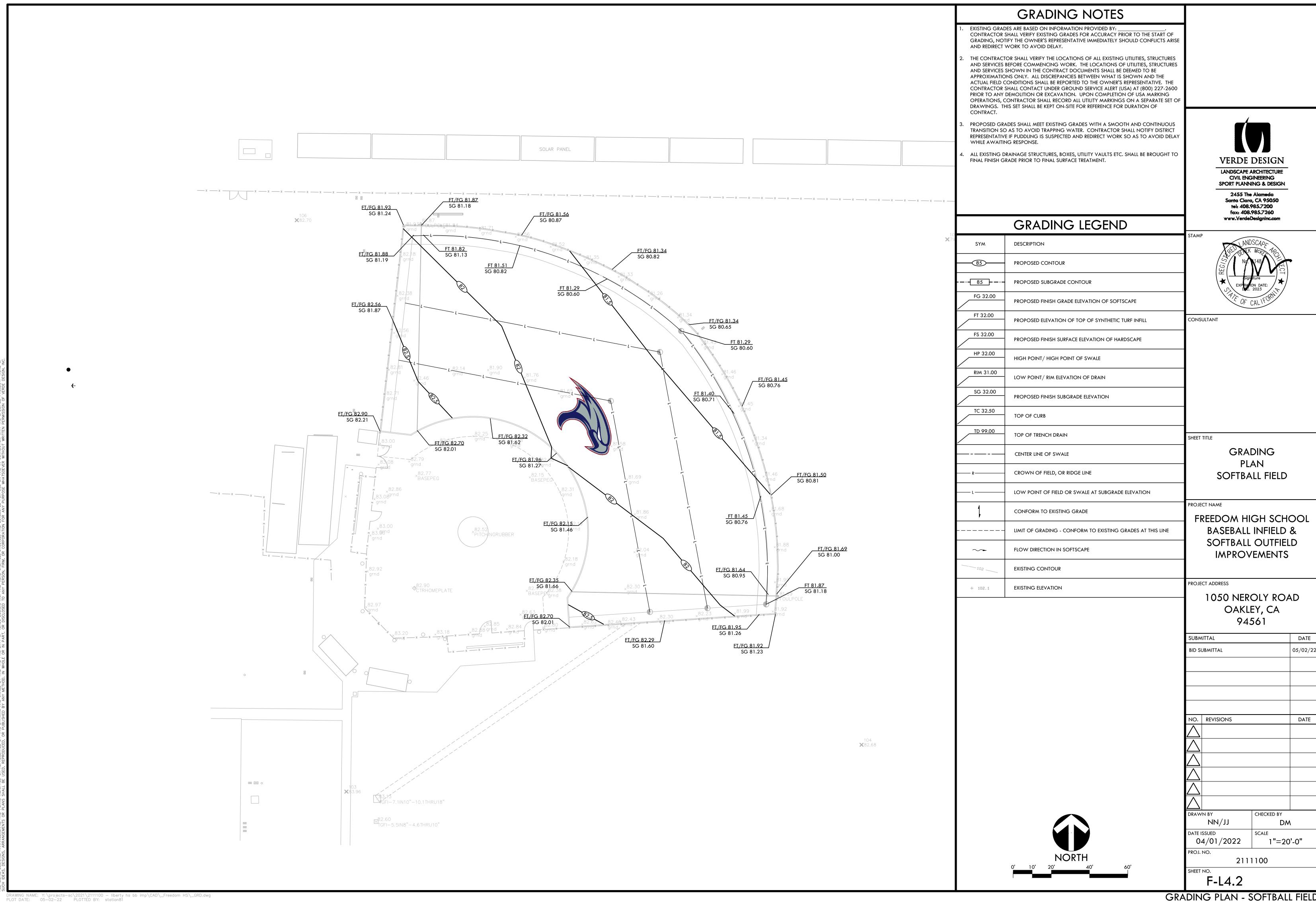
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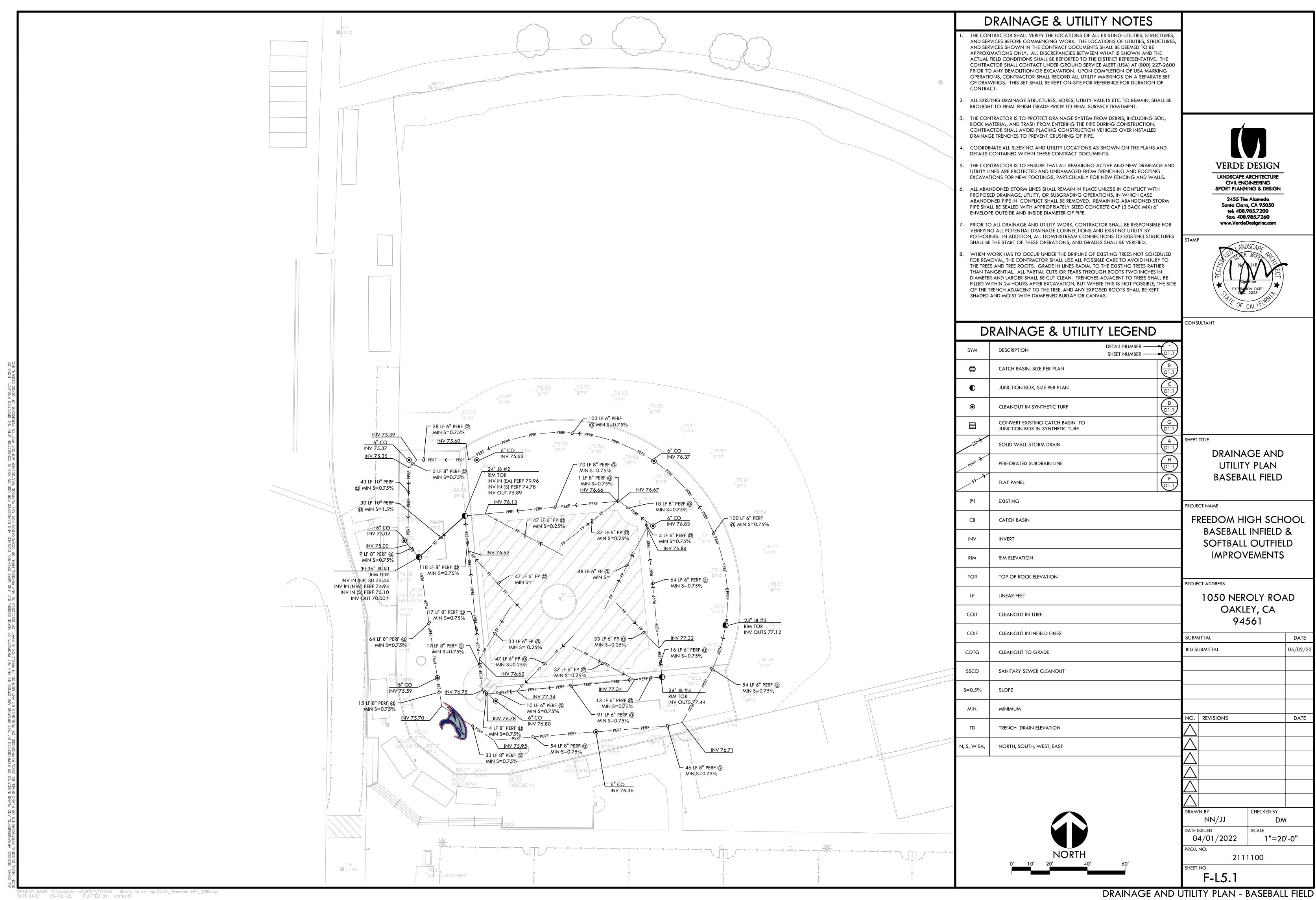
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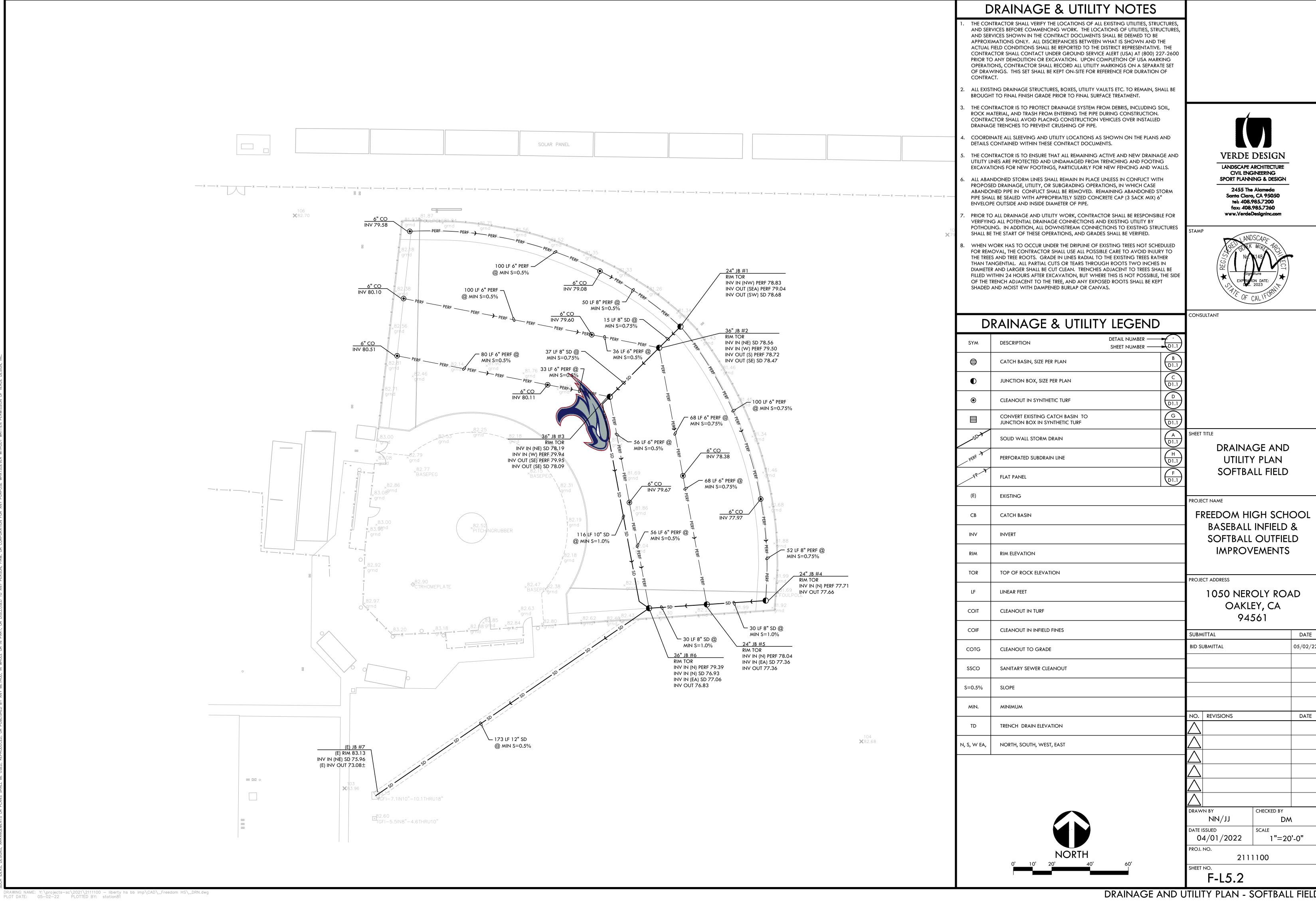




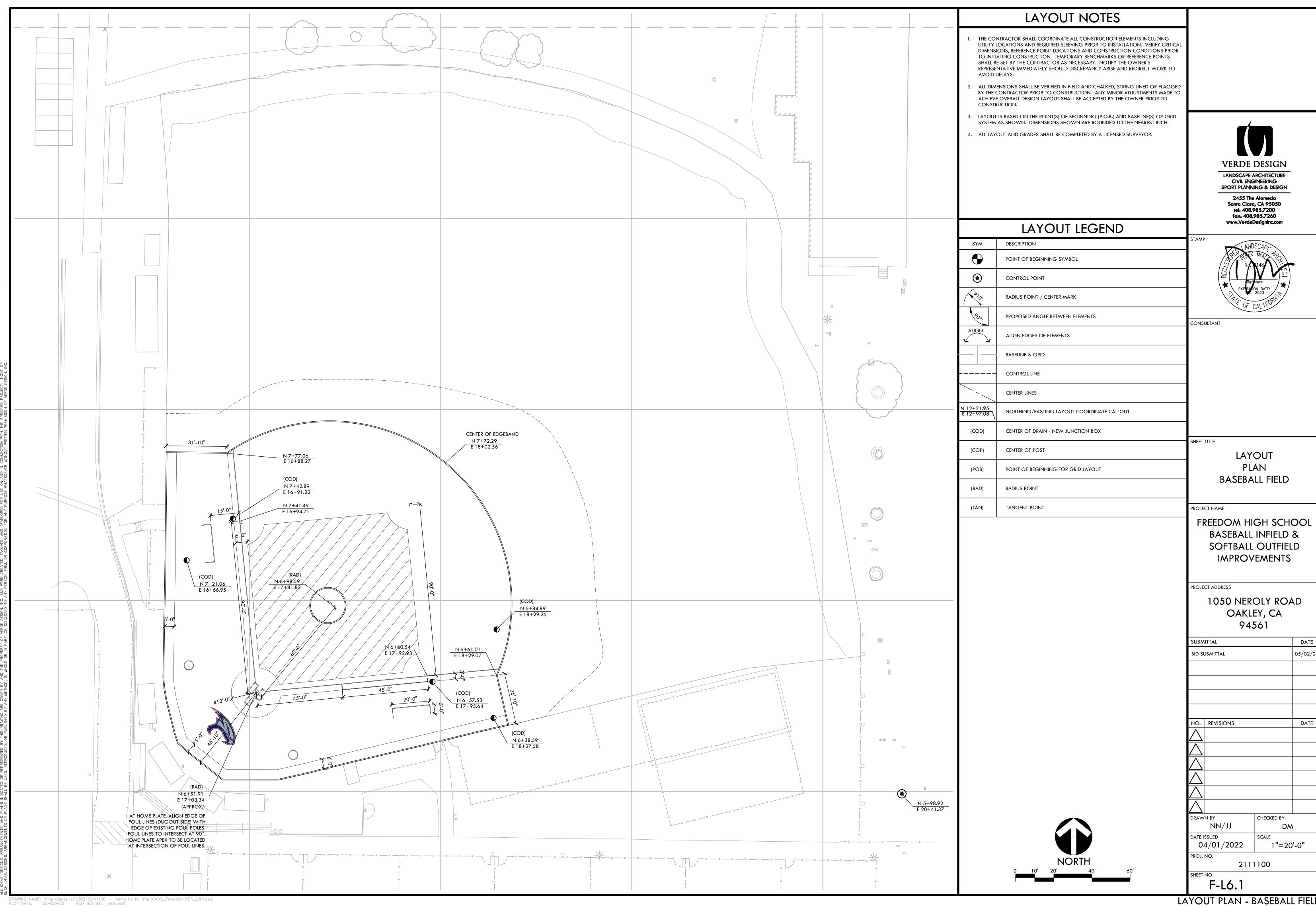


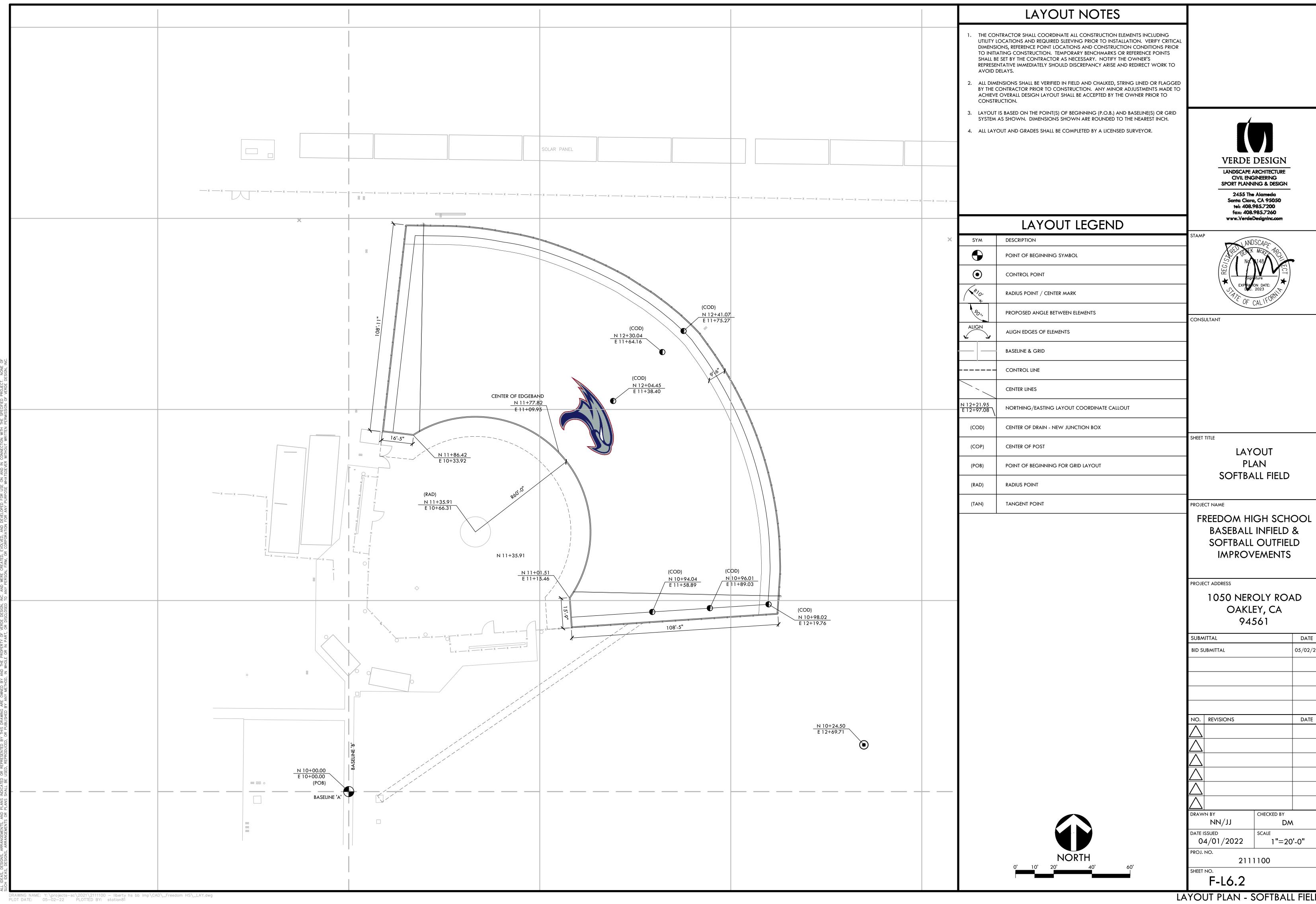


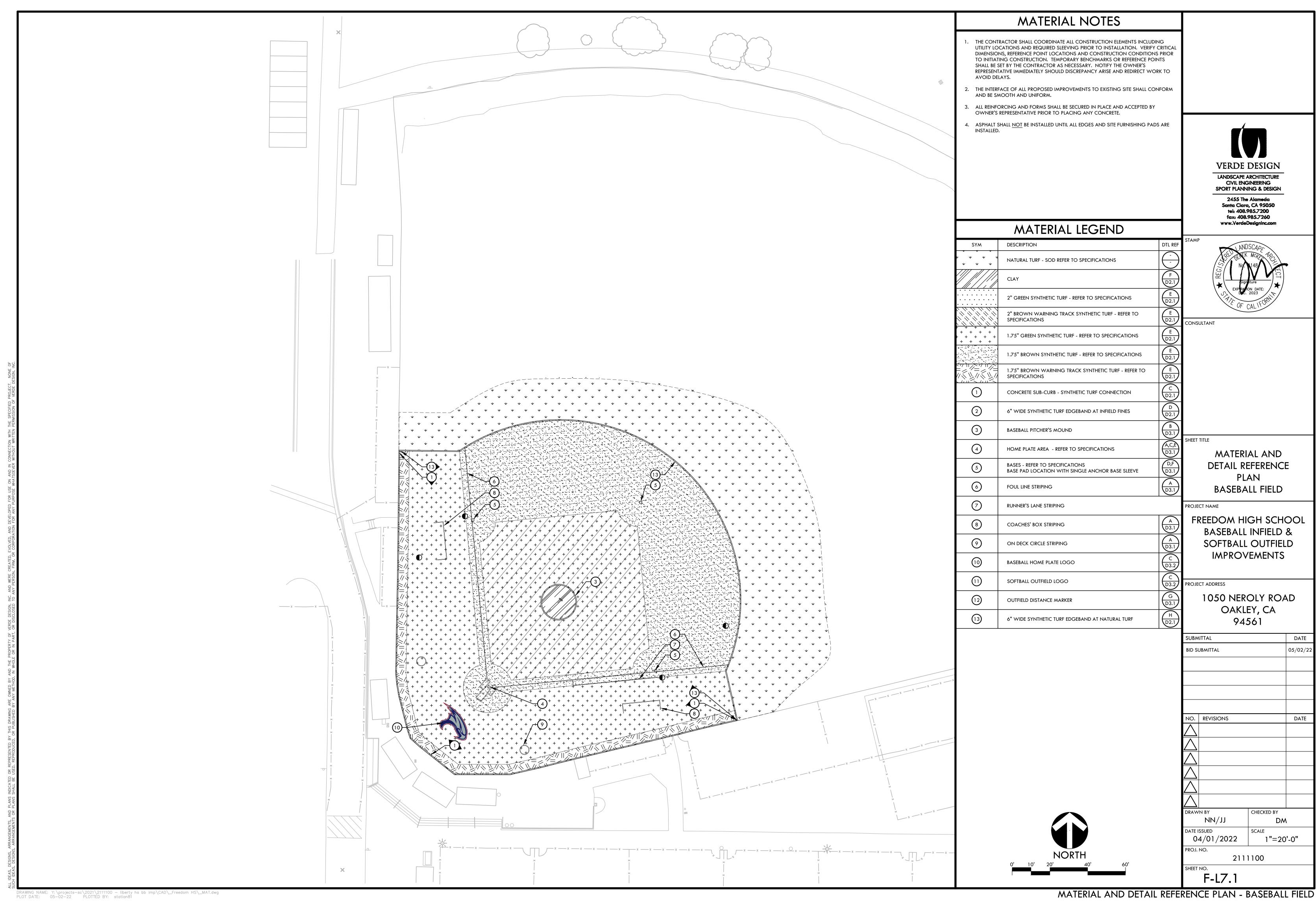


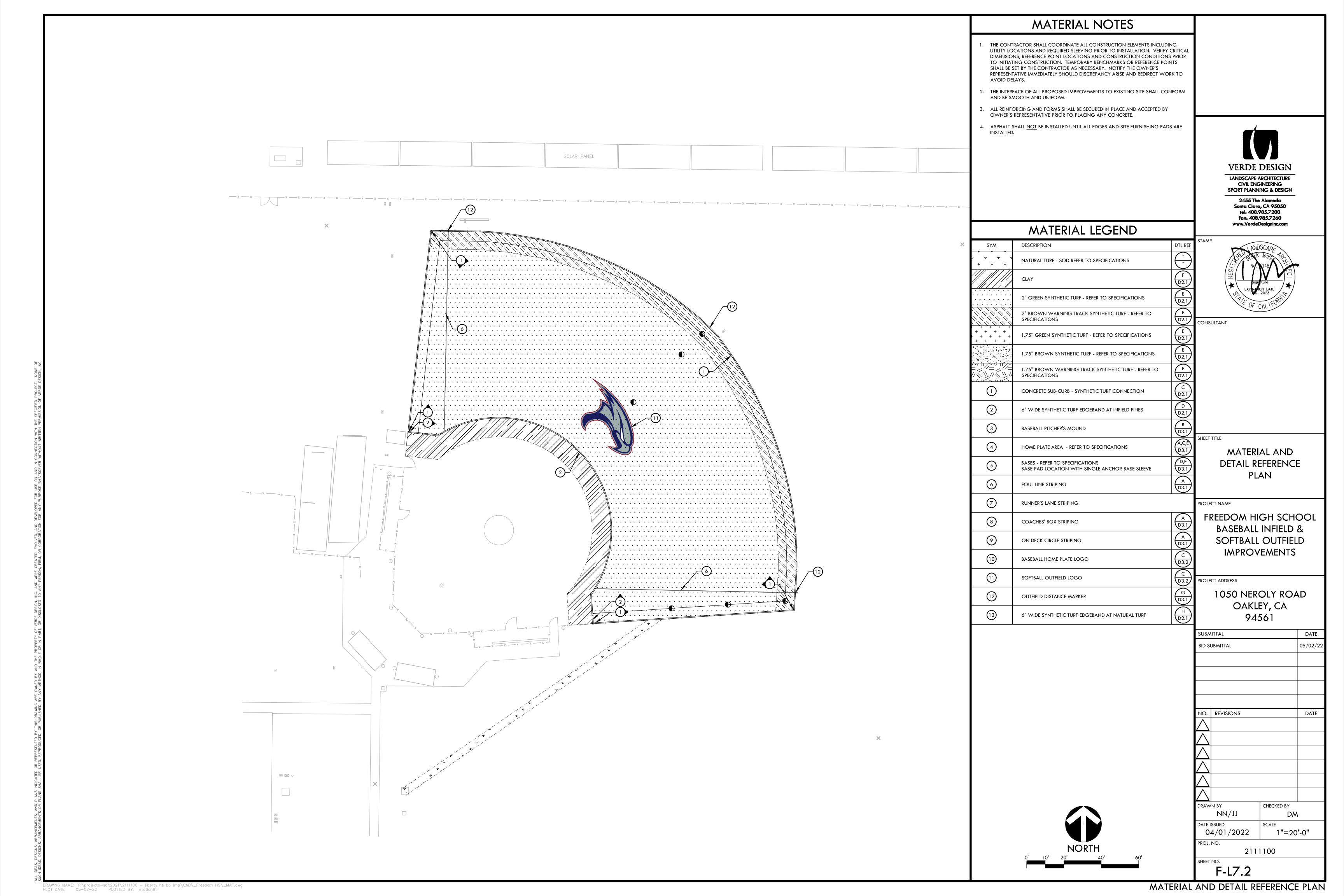


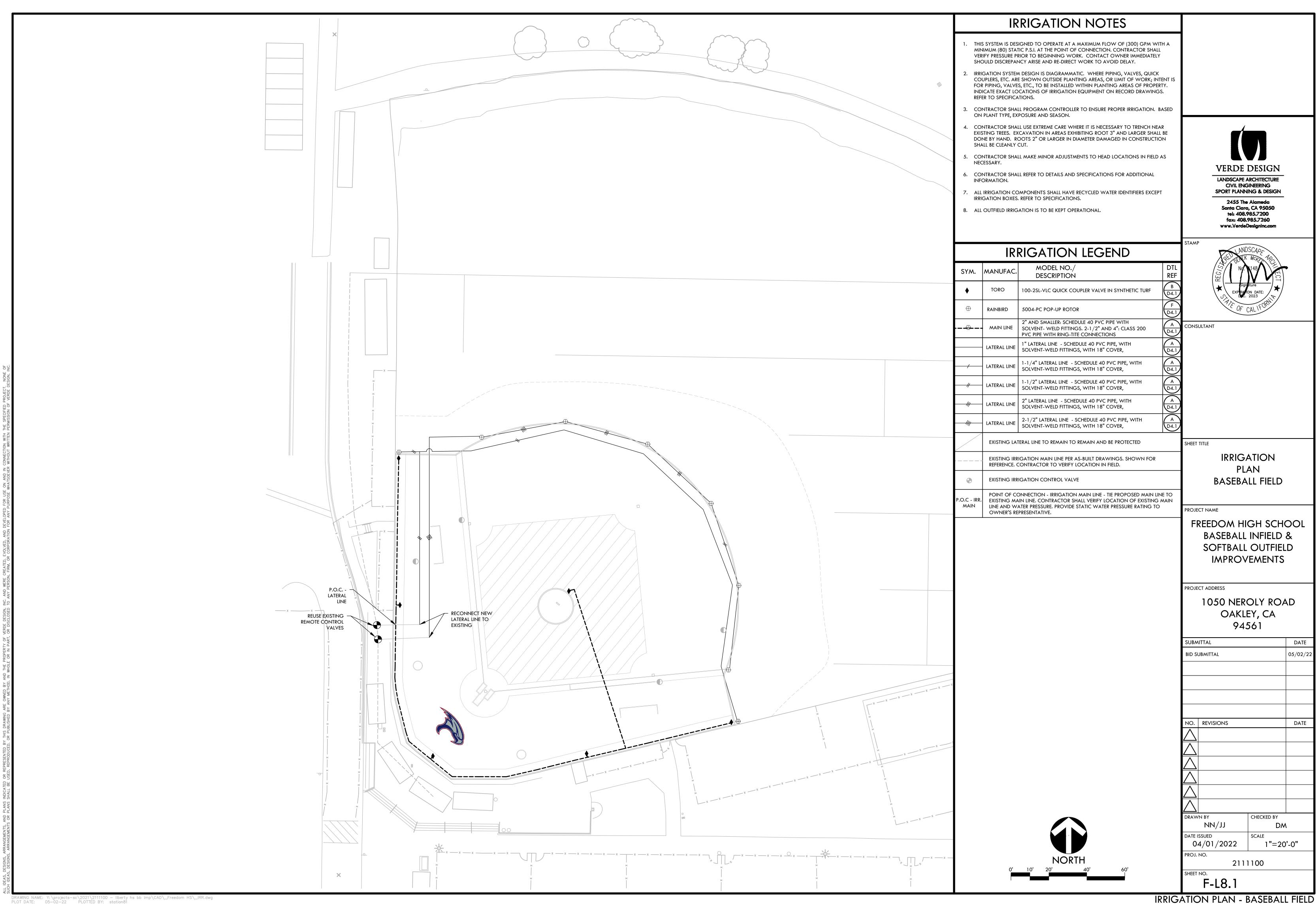
DRAINAGE AND UTILITY PLAN - SOFTBALL FIELD

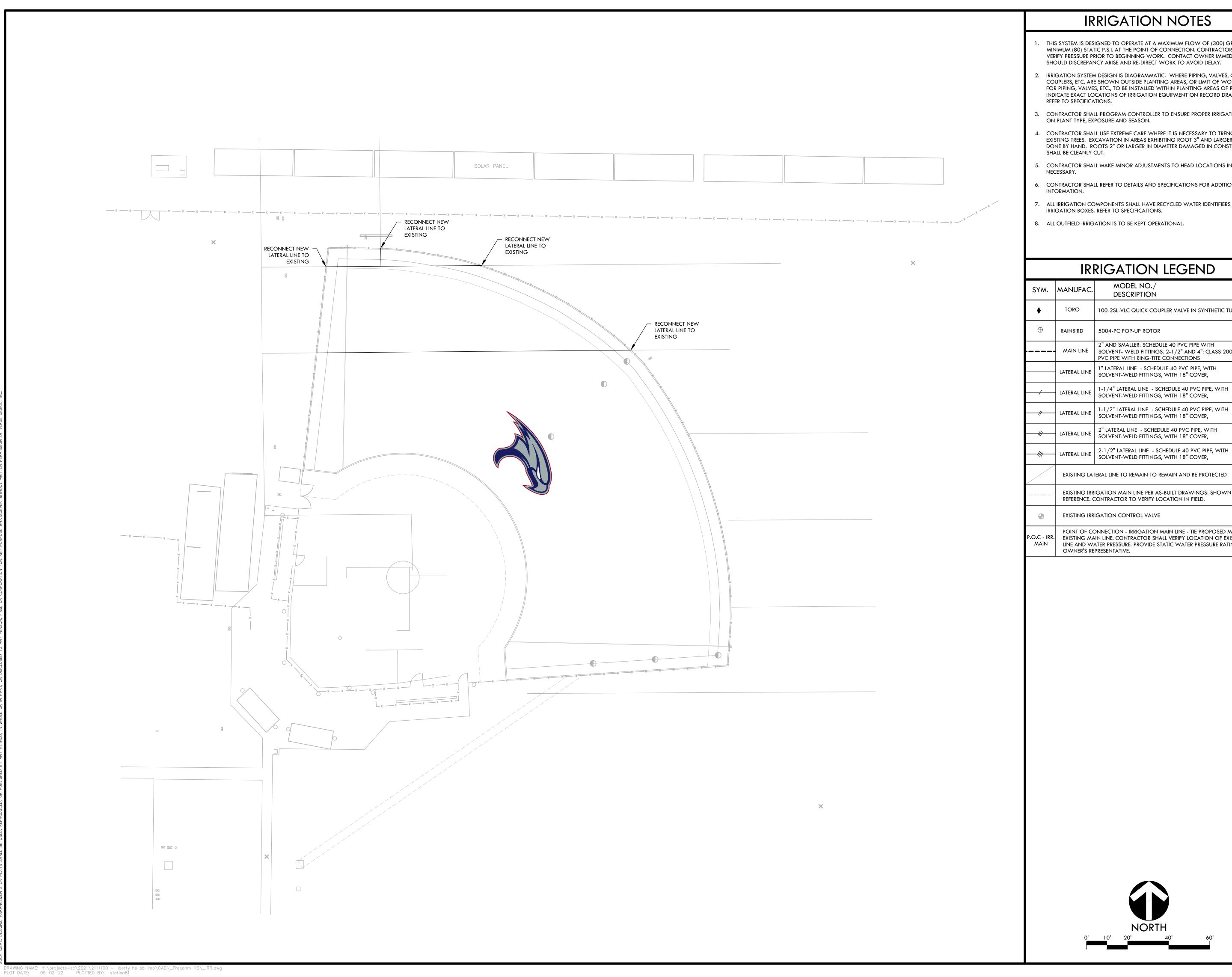












IRRIGATION NOTES

- THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (300) GPM WITH A MINIMUM (80) STATIC P.S.I. AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
- 2. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
- 3. CONTRACTOR SHALL PROGRAM CONTROLLER TO ENSURE PROPER IRRIGATION. BASED ON PLANT TYPE, EXPOSURE AND SEASON.
- 4. CONTRACTOR SHALL USE EXTREME CARE WHERE IT IS NECESSARY TO TRENCH NEAR EXISTING TREES. EXCAVATION IN AREAS EXHIBITING ROOT 3" AND LARGER SHALL BE DONE BY HAND. ROOTS 2" OR LARGER IN DIAMETER DAMAGED IN CONSTRUCTION SHALL BE CLEANLY CUT.
- 5. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS
- 6. CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL
- 7. ALL IRRIGATION COMPONENTS SHALL HAVE RECYCLED WATER IDENTIFIERS EXCEPT IRRIGATION BOXES. REFER TO SPECIFICATIONS.

IRRIGATION LEGEND

100-2SL-VLC QUICK COUPLER VALVE IN SYNTHETIC TURF

2" AND SMALLER: SCHEDULE 40 PVC PIPE WITH

1" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH

1-1/4" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH

1-1/2" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH

PVC PIPE WITH RING-TITE CONNECTIONS

SOLVENT-WELD FITTINGS, WITH 18" COVER,

EXISTING IRRIGATION MAIN LINE PER AS-BUILT DRAWINGS. SHOWN FOR

POINT OF CONNECTION - IRRIGATION MAIN LINE - TIE PROPOSED MAIN LINE TO EXISTING MAIN LINE. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING MAIN LINE AND WATER PRESSURE. PROVIDE STATIC WATER PRESSURE RATING TO

EXISTING LATERAL LINE TO REMAIN TO REMAIN AND BE PROTECTED

REFERENCE. CONTRACTOR TO VERIFY LOCATION IN FIELD.

EXISTING IRRIGATION CONTROL VALVE

OWNER'S REPRESENTATIVE.

2" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH

SOLVENT- WELD FITTINGS. 2-1/2" AND 4": CLASS 200

MODEL NO./

DESCRIPTION

5004-PC POP-UP ROTOR

8. ALL OUTFIELD IRRIGATION IS TO BE KEPT OPERATIONAL.

TORO

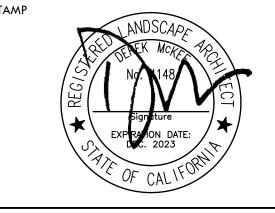
MAIN LINE

LATERAL LINE



LANDSCAPE ARCHITECTURE CIVIL ENGINEERING SPORT PLANNING & DESIGN

2455 The Alameda Santa Clara, CA 95050 tel: 408.985.7200 fax: 408.985.7260 www.VerdeDesignInc.com



CONSULTANT

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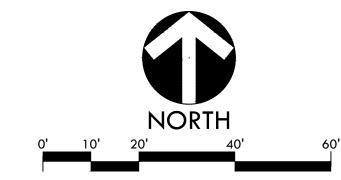
SHEET TITLE **IRRIGATION** SOFTBALL FIELD

PROJECT NAME

FREEDOM HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD **IMPROVEMENTS**

1050 NEROLY ROAD OAKLEY, CA 94561

SUBMITTAL			DATE
BID SUBMITTAL			05/02/22
NO.	REVISIONS		DATE
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DRAWN BY		CHECKED BY	
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DATE ISSUED 04/01/2022		SCALE 1"=20)'-O"
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