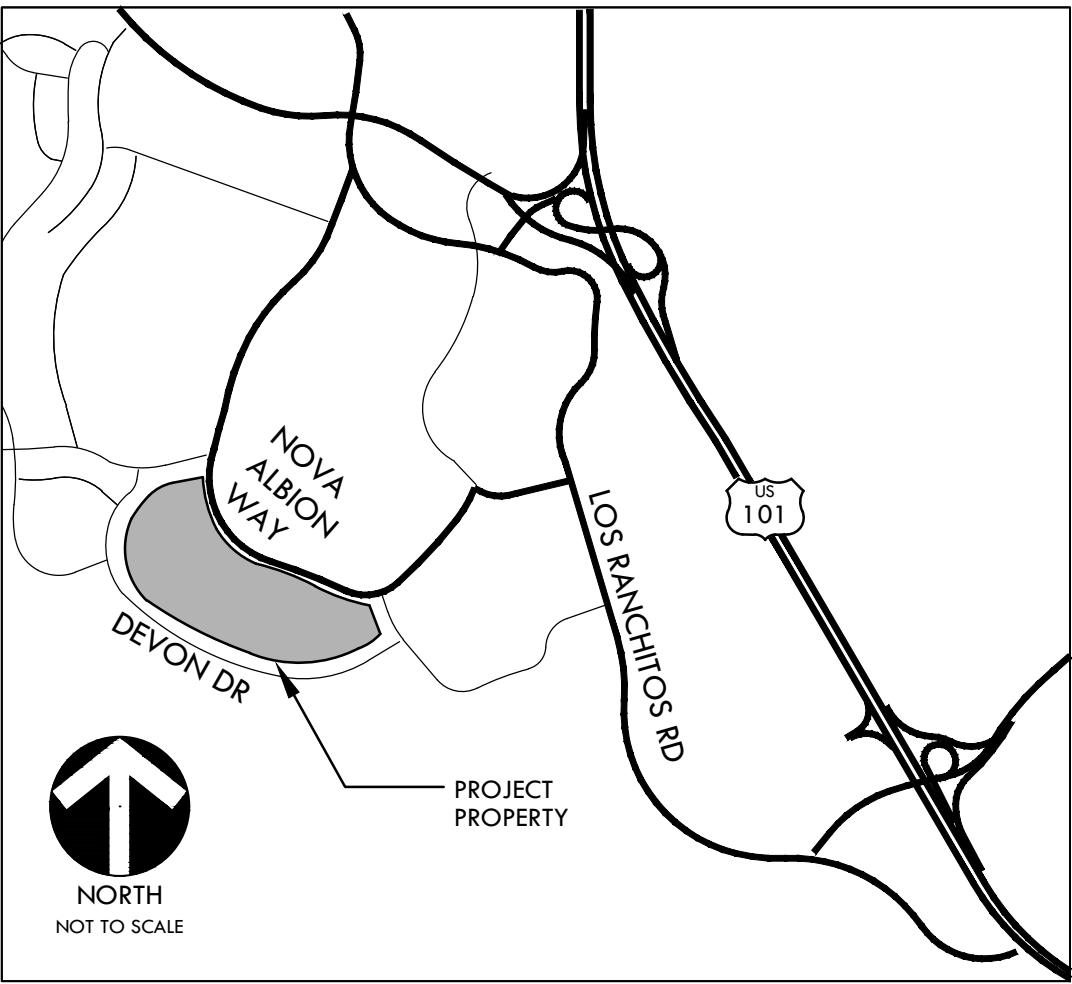
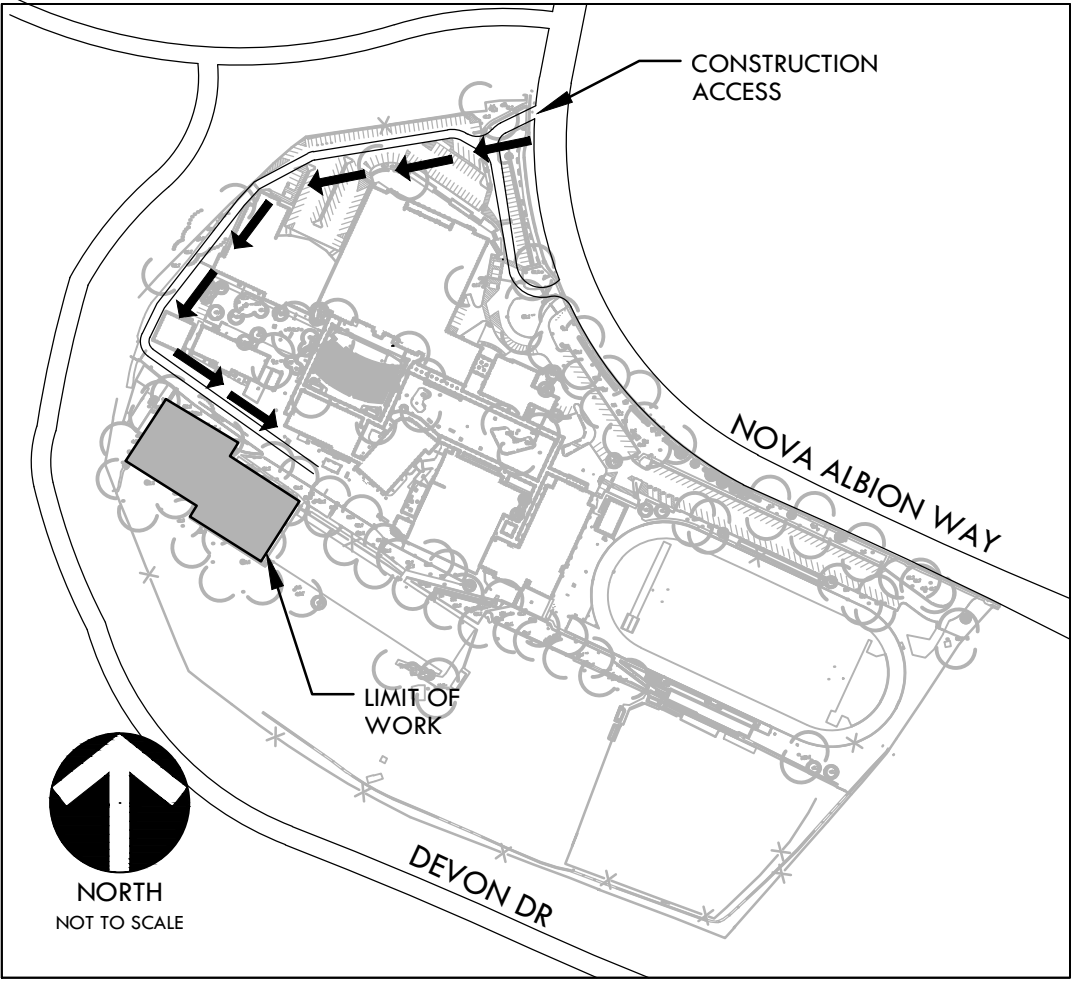


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PROJECT MAPS



VICINITY MAP



SITE MAP

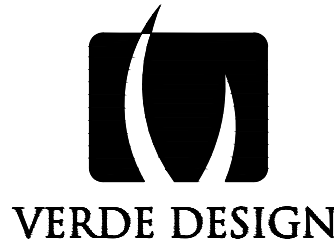
APPLICABLE CODES

1. 2022 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.
- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2018 UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CDC), PART 5, TITLE 24 C.C.R.
(2018 UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA "GREEN" BUILDING REQUIREMENTS OR CAL GREEN, PART 11, TITLE 24 C.C.R.
2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
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) 28 CFR 35.151(C)
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 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 2022 EDITION
NFPA 14 STANDPIPE SYSTEMS 2019 EDITION
NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2024 EDITION
NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2024 EDITION
NFPA 20 STATIONARY FIRE PUMPS 2022 EDITION
NFPA 24 PRIVATE FIRE SERVICE MAINS 2022 EDITION
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) 2022 EDITION
(NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2023 EDITION
NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2022 EDITION
ASME 17.1 ELEVATOR STANDARD 2019 EDITION
- REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2022 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.

CONSTRUCTION DRAWINGS FOR
TERRA LINDA HIGH SCHOOL
TENNIS COURTS RESURFACING

320 NOVA ALBION WAY
SAN RAFAEL, CA 94903
VERDE DESIGN, INC. PROJECT NO. 2310600

PREPARED BY



LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
3558 Round Barn Blvd, Suite 200
Santa Rosa, CA 95403
tel: 707.800.4204
fax: 408.985.7260
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SCOPE OF WORK

SCOPE OF WORK TO INCLUDE, BUT NOT LIMITED TO, RESURFACING OF THE EXISTING SIX (6) TENNIS COURTS. WORK TO ALSO INCLUDE, BUT NOT LIMITED TO, GRINDING OF EXISTING SURFACING AT SPECIFIC LOCATIONS AND POST FOOTING, AND PATCHING AND FILLING IN EXISTING TENNIS COURTS SURFACING CRACKS AND SMALL POT MARKS.

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 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.
- NO CONSTRUCTION SHALL COMMENCE WITHOUT THE OFFICIAL NOTICE TO PROCEED FROM THE DISTRICT.
- THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & 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.
- 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.
- 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 DISTRICT.
- 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.
- 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.
- ALL NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO, THE WRITTEN SPECIFICATIONS AND DETAILS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- 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".
- DIMENSIONS ON WORKING DRAWINGS TAKE PRECEDENCE OVER MEASURED ELEMENTS. CONTRACTOR SHALL NOT SCALE DRAWINGS.
- ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AND KEEP MUD AND DEBRIS OFF THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
- 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.
- 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, 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.
- 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.
- ALL EQUIPMENT SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- 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 HIS 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.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE STREET RIGHT-OF-WAY SHALL NOT BE PERMITTED.

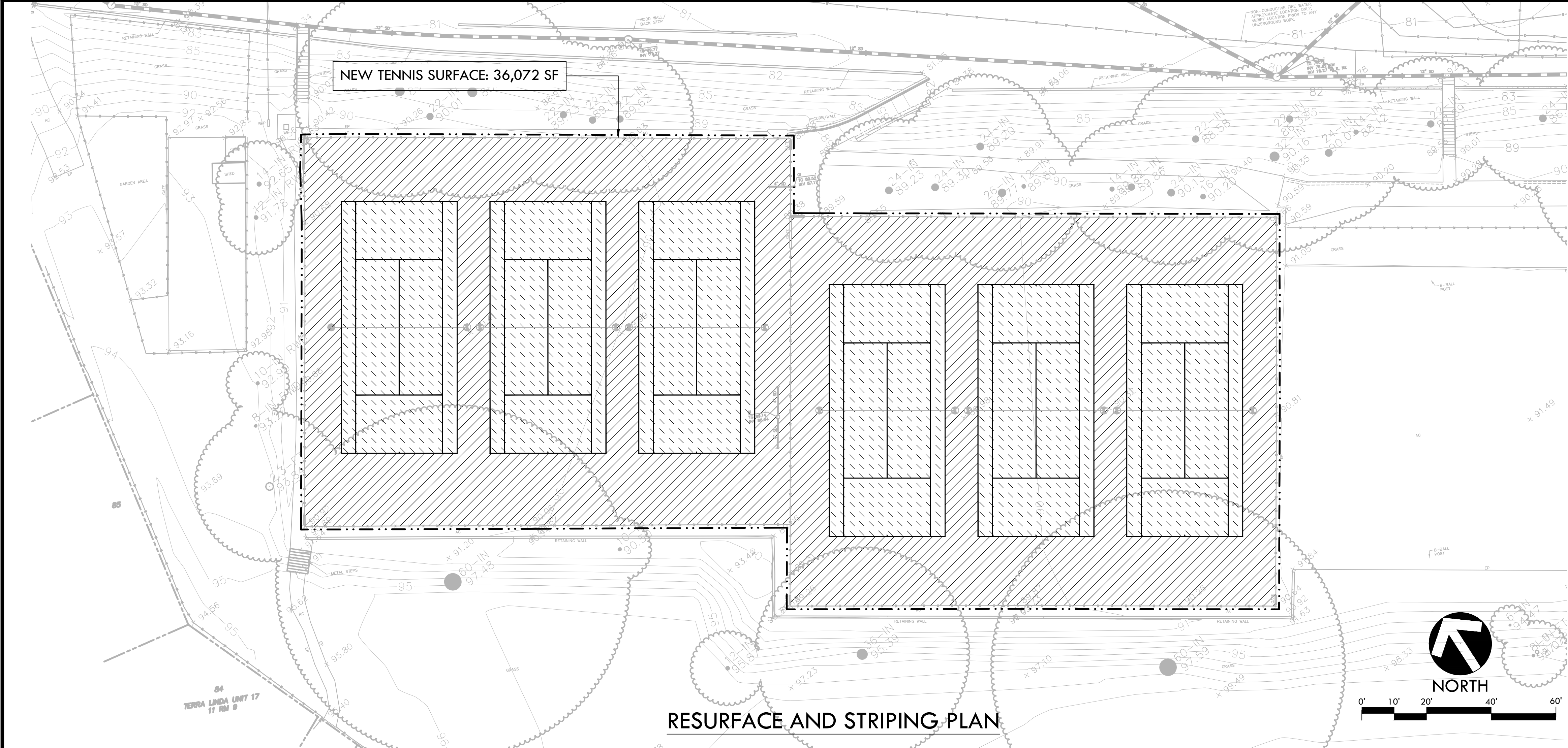
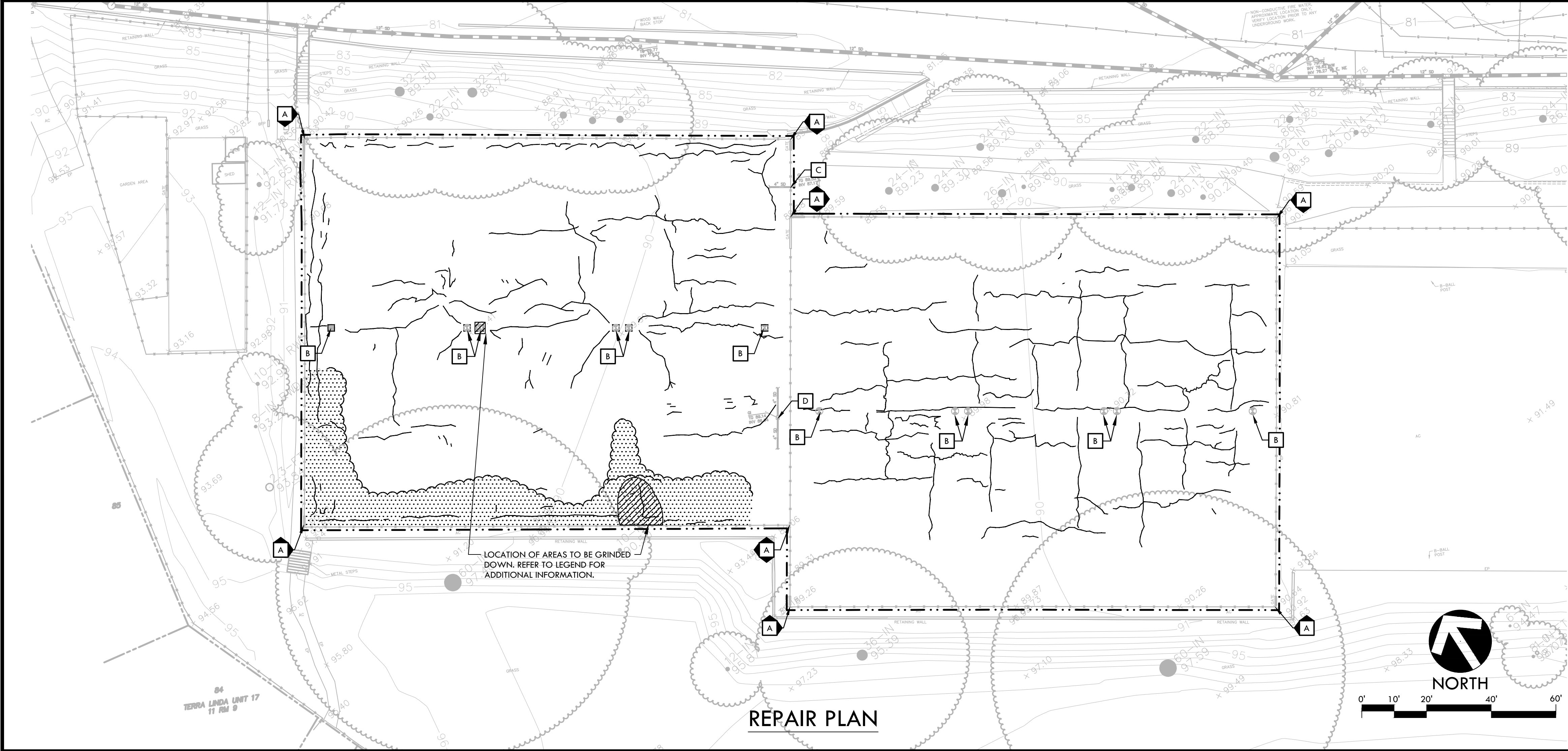
CONTACT INFORMATION

ORGANIZATION	NAME	PHONE
OWNER SAN RAFAEL CITY SCHOOLS	JIM HOGEBOOM	(415) 492-3200
CONSTRUCTION MANAGER GRAYSTONE WEST	WILL McMANUS	(412) 295-8211
CIVIL ENGINEER/ LANDSCAPE ARCHITECT VERDE DESIGN INC.	DEVIN CONWAY WES DOWNING	(408) 850-3420 (707) 800-4204

SHEET INDEX (3 Sheets)

SHEET NO.	SHEET DESCRIPTION
C0.0	COVER SHEET
L1.0	IMPROVEMENTS PLAN
L2.0	SPECIFICATIONS AND DETAILS

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SHEET NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE AND REDIRECT WORK TO AVOID DELAY.
3. ALL EXISTING ITEMS ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT CONTRACTOR'S EXPENSE, ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES. THE DAMAGED ITEMS SHALL BE RESTORED TO AN "AS-WAS" OR BETTER CONDITION OR REPLACED PER THE DISCRETION OF THE OWNER'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
5. THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
6. CONTRACTOR TO PRUNE ALL TREE LIMBS THAT HANG OVER TENNIS COURTS.

SHEET LEGEND

SYM	DESCRIPTION	DTL
	LIMIT OF WORK	
	CRACK - 2,720 LF OF CRACK TO BE REPAIRED WITH CRACK REPAIR SYSTEM. CRACKS VARY IN WIDTH AND LENGTH, CONTRACTOR SHALL VERIFY ON-SITE EXTENT OF WORK. CRACK REPAIR SHALL EXTEND TWELVE INCHES (12") BEYOND ENDS OF CRACK AT END OF EACH IDENTIFIED CRACK. ALL CRACK REPAIRS TO BE COMPLETED IN ACCORDANCE WITH CRACK REPAIR WRITTEN INSTRUCTIONS. REFER TO SPECIFICATIONS, SHEET L2.0	
	SHALLOW POT MARKS IN TENNIS SURFACING, MARKS SHALL BE FILLED IN, REFER TO SPECIFICATIONS	
	EXISTING TENNIS NET POST	
	TENNIS COURT LAYOUT/SURFACING - US OPEN GREEN	
	TENNIS COURT LAYOUT/SURFACING - US OPEN BLUE	
	CONTRACTOR SHALL GRIND DOWN RAISED HARDSCAPE AT SOUTHERN EDGE OF WESTERN BANK OF COURTS AND AROUND WESTERN NETTING POST AT THE MIDDLE COURT, AS SHOWN ON PLANS, TO CREATE A SMOOTH, LEVEL AREA THAT IS FLUSH WITH ADJACENT COURT SURFACING. (APPROX. 65 SF)	
	EXISTING FENCING	
	EXISTING STORM DRAIN LINE AND DRAINAGE STRUCTURE	

ITEMS TO BE PROTECTED OR RELOCATED

- EXISTING FENCING AND GATES, INCLUDING FOOTINGS, SHALL REMAIN AND BE PROTECTED.
- EXISTING POST AND NETTING SYSTEM, INCLUDING FOOTINGS AND ANCHORS SHALL REMAIN AND BE PROTECTED.
- EXISTING PIPE INLET TO REMAIN AND BE PROTECTED. CONTRACTOR SHALL NOT COVER PIPE INLET WITH SURFACING MATERIAL
- EXISTING DRAINAGE INLET TO REMAIN AND BE PROTECTED



VERDE DESIGN
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SPOT PLANNING & DESIGN

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STAMP



CONSULTANT

SHEET TITLE

**IMPROVEMENTS
PLAN**

PROJECT NAME

**TERRA LINDA HIGH SCHOOL
TENNIS COURTS
RESURFACING**

PROJECT ADDRESS

**320 NOVA ALBION WAY
SAN RAFAEL, CA 94903**

SUBMITTAL	DATE
90% SUBMITTAL	6/23/23
100% SUBMITTAL	7/07/23

NO.	REVISIONS	DATE

DRAWN BY KL	CHECKED BY DC/WD
DATE ISSUED 7/07/23	SCALE 1"=20'-0"
PROJ. NO. 2310600	
SHEET NO. L1.0	OF 3 SHEETS

IMPROVEMENTS PLAN

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SPECIFICATIONS

DETAILS

SECTION 32 18 30

TENNIS COURT SURFACING

PART 1 GENERAL

1.01 SUMMARY

- A. FURNISH ALL LABOR, MATERIALS, EQUIPMENT, FACILITIES, TRANSPORTATION AND SERVICES TO COMPLETE ALL TENNIS COURT CRACK REPAIR AND SURFACING AND RELATED WORK SHOWN ON THE DRAWINGS AND/OR SPECIFIED HEREIN.

- B. SCOPE OF WORK:

THE GENERAL EXTENT OF THE TENNIS COURT PAVING WORK IS SHOWN ON THE DRAWINGS AND INCLUDES, BUT IS NOT NECESSARILY LIMITED TO FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, APPLIANCES, TRANSPORTATION, FOR PATCHING AND RESURFACING OF TENNIS COURTS.

THE TENNIS COURT RESURFACING SHALL CONSIST OF PATCHING ALL EXISTING CRACKS WITHIN TENNIS COURTS SURFACE, A REFINEMENT COURSE, COLORED ACRYLIC SURFACING AND LINE STRIPING.

1.02 SCHEDULING WORK

- A. THE WORK OF TENNIS COURT CONSTRUCTION SHALL BE CARRIED OUT IN SUCH ORDER AND WITH TIMELINESS THAT THE APPLICATIONS OF RESURFACING SHALL BE COMPLETED IN AMPLE TIME TO ACCOMPLISH DRYING PERIOD AND APPLICATION OF COLOR SEAL WITHIN THE CONTRACT TIME OF THIS PROJECT.

1.03 ACCEPTANCE OF SUBSURFACE

- A. PRIOR TO BEGINNING THE WORK OF TENNIS COURT SURFACING, THE CONTRACTOR SHALL VERIFY THE ELEVATIONS, GRADES AND CONDITION OF THE ASPHALT CONCRETE SUBSURFACE AND SHALL DECLARE IF THE SURFACE IS ACCEPTABLE, IN WRITING, TO THE DISTRICT'S REPRESENTATIVE.

1.04 WEATHER LIMITATIONS

- A. NO PARTS OF THE CONSTRUCTION INVOLVING ASPHALT PAVING SHALL BE CONDUCTED DURING RAINFALL (OR WHEN RAINFALL IS IMMINENT) AND UNLESS THE AIR TEMPERATURE IS AT LEAST 55 DEGREES F. AND RISING.

1.05 COOPERATION

- A. CLOSE COOPERATION IS REQUIRED BETWEEN CONTRACTORS INVOLVED IN CONSTRUCTING THE WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SUBCONTRACTORS AND SEQUENCING THE WORK AS NECESSARY.

1.06 SUBMITTALS

- A. SUBMIT PRODUCT INFORMATION, INCLUDING PRODUCT MSDS DATA, CUT-SHEETS, AND SAMPLES OF THE FOLLOWING MATERIALS:
1. BINDER
 2. PATCHING MIX AND CRACK FILLER
 3. CRACK REPAIR SYSTEM
 4. REFINEMENT COURSE
 5. SURFACE COLORS
 6. SURFACE SEALERS
 7. LINE PAINT

1.07 WARRANTIES

- A. CONTRACTOR'S LABOR AND MATERIAL GUARANTEE: CORRECT DEFECTIVE WORK AT NO COST TO THE DISTRICT. WARRANTY PERIOD IS TO BE ONE YEAR FROM THE DATE OF FINAL COMPLETION IN ACCORDANCE WITH DOCUMENT 00 65 36 - GUARANTEE FORM CONTRACTOR'S GUARANTEE.
- B. PRODUCT MANUFACTURER'S WARRANTY: WARRANTY ALL WORK UNDER THIS SECTION IN A WRITTEN DOCUMENT ENDORSED BY THE MANUFACTURER AS NOTED BELOW:
1. COURT SURFACING AND CRACK REPAIR SYSTEMS

PART 2 PRODUCTS

2.01 MATERIALS

- A. BINDER: ASPHALT EMULSION CONFORMING TO FEDERAL SPECIFICATION SS-A-674C AND/OR ASTM D977.
- B. ACRYLIC PATCHING MIX - FOR USE IN PATCHING CRACKS (FOR LINEAR CRACKS SMALLER THAN 1/16" WIDTH), HOLES, DEPRESSIONS AND OTHER SURFACE IMPERFECTIONS: SHALL BE CALIFORNIA COURT PATCH BINDER OR APPROVED EQUIVALENT PRODUCT. AVAILABLE THRU DECOTURF, PH: 1-800-332-6178.
1. COURT PATCH BINDER - 100% ACRYLIC RESIN BLENDED WITH PORTLAND CEMENT AND SILICA SAND.
 - a) PERCENT SOLIDS BY WEIGHT (MINIMUM) 46%
 - b) WEIGHT 8.7-8.9 LBS./GALLON
- C. ACRYLIC CRACK FILLER - FOR USE IN FILLING FINE CRACKS (FOR LINEAR CRACKS SMALLER THAN 1/8" WIDTH), AS NECESSARY: SHALL BE CALIFORNIA CRACK FILLER OR APPROVED EQUIVALENT PRODUCT. AVAILABLE THRU DECOTURF, PH: 1-800-332-6178.
1. CALIFORNIA CRACK FILLER - 100% ACRYLIC RESIN HEAVILY FILLED WITH SAND.
 - a) PERCENT SOLIDS BY WEIGHT (MINIMUM) 85%
 - b) PERCENT SOLIDS BY WEIGHT (MINIMUM) 15 LBS./GALLON
- D. CRACK REPAIR SYSTEM: SHALL BE RITEWAY CRACK REPAIR SYSTEM, OR ACCEPTABLE EQUIVALENT PRODUCT. PH: (877) 574-8392.
- E. REFINEMENT COURSE MATERIALS: "DECO CRACK FILLER 64061" BY CALIF. PRODUCTS CORP, "LAYKOLD RESURFACER" BY HAWKER MANUFACTURING, INC, "A.C. FILLERCOAT" BY ASPHALT PRODUCTS OIL CORP., "SURFIX TT650" BY COSMICOAT, INC., "301 WESTERN FILLER COAT BINDER" BY WESTERN COLLOID PRODUCTS, INC. OR ACCEPTABLE EQUAL.
- F. SURFACE COLORS: REFER TO PLANS.
- G. SURFACE SEALER WITH COLOR AND FILLER: "920-27 DECO-COLOR MP" BY CALIFORNIA PRODUCTS CO., HAWKER COLORCOAT CONCENTRATE BY HAWKER MANUFACTURING, INC., LAYKOLD COLOR COAT CONCENTRATE BY ADVANCED POLYMER TECHNOLOGY, OR ACCEPTABLE EQUAL.

- H. LINE PAINT: SHALL BE KOCH DECOCOLOR # 920-03 WHITE PAINT AS AVAILABLE FROM CALIFORNIA PRODUCTS, OR ACCEPTABLE EQUAL.

- I. WATER: THE WATER FOR ALL MIXES SHALL BE FRESH AND POTABLE.

- J. PLASTER SAND: SHALL BE CLEAN, FREE FROM SILT OR CLAY, AND GRADED AS FOLLOWS:

SIEVE SIZE	% PASSING
#4	100
#8	95-100
#16	70-100
#30	40-70

THE FOLLOWING MIX SHALL BE USED FOR THE REFINEMENT COURSE:

3 GALLONS PLASTER SAND
2 GALLONS REFINEMENT COURSE MATERIAL
1/2 GALLON BINDER
WATER TO MAKE A FREE-FLOWING MIX.

PART 3 EXECUTION

3.01 SURFACE PATCHING AND CRACK REPAIR

- A. CONTRACTOR TO FIRST CLEAN COURTS AREAS AND SHALL BE FREE OF SAND, CLAY, GREASE, DUST, SALT, ORGANIC MATTER, OR OTHER FOREIGN MATTERS.
- B. ALL IDENTIFIED SURFACE CRACKS ARE TO BE FILLED WITH CRACK FILLER IN ACCORDANCE WITH THE PRODUCT'S PUBLISHED INSTALLATION INSTRUCTIONS, AND THEN REPAIRED WITH THE SPECIFIED CRACK REPAIR SYSTEM (ALSO IN STRICT ACCORDANCE WITH THE PRODUCT'S PUBLISHED INSTALLATION INSTRUCTIONS). DO NOT INSTALL WHEN RAINFALL IN IMMINENT OR EXTREMELY HIGH HUMIDITY PREVENTS DRYING. DO NOT APPLY UNLESS SURFACE AND AIR TEMPERATURE ARE 50°F AND RISING, OR DO NOT APPLY IF SURFACE TEMPERATURE IS IN EXCESS OF 140°F.
- C. THE CONTRACTOR SHALL FLOOD ALL THE COURTS AND THEN ALLOW DRAINING. IF AFTER 30 MINUTES ON A 70 DEGREE F DAY, CONTRACTOR SHALL DEFINE AND MARK ALL AREAS HOLDING ENOUGH WATER TO COVER A NICKEL. THESE IDENTIFIED AND MARKED DEPRESSIONS SHALL BE FILLED WITH THE ACRYLIC PATCHING MIX, 3 GALLONS OF COURT PATCH BINDER, 100 LBS. 60-80 SILICA SAND, 1 GALLON DRY PORTLAND CEMENT (TYPE I). AFTER DEFINED AREAS ARE DRY, PRIME WITH TACK COAT MIXTURE OF 2 PARTS WATER/L PART COURT PATCH BINDER. ALLOW TACK COAT TO DRY COMPLETELY. SPREAD COURT PATCH BINDER MIX TRUE TO GRADE USING A STRAIGHT EDGE (NEVER A SQUEEGEE) FOR STRIKE OFF. STEEL TROWEL OR WOOD FLOAT THE PATCH SO THAT THE TEXTURE MATCHES THE SURROUNDING AREA. NEVER ADD WATER TO MIX. LIGHT MISTING ON SURFACE AND EDGES TO FEATHER IN IS ALLOWED AS NEEDED TO MAINTAIN WORK ABILITY. ALLOW TO DRY THOROUGHLY AND CURE. NO WORK FROM THIS STAGE ON SHALL COMMENCE UNTIL THE DISTRICT HAS ACCEPTED THE SURFACE.

3.02 REFINEMENT COURSE

- A. THE FIRST STEP OF THE REFINEMENT COURSE PROCESS SHALL BE TO FLOOD THE ENTIRE AREA WITH WATER. AREAS THAT RETAIN WATER GREATER THAN ONE-SIXTEENTH INCH (1/16") IN DEPTH AFTER ONE HOUR (AT 70 F) SHALL BE PATCHED AND LEVELED.
- B. THREE SQUEEGEE COATS OF SANDED REFINEMENT COURSE MATERIAL SHALL BE APPLIED BY POURING FROM A CAN OR WHEELED CONTAINER TO CONTINUOUS PARALLEL LINES AND SPREADING IMMEDIATELY WITH RUBBER-FACED SQUEEGEES OR LONG HANDLED HAIR BROOMS. APPLY SQUEEGEE COATS IN THE FOLLOWING DIRECTIONS:
1. FIRST COAT - APPLY LENGTHWISE OF THE COURT.
 2. SECOND AND THIRD COAT - APPLY CROSS COURT.
- THE SQUEEGEE OR BROOM SHALL BE PULLED ON AN ANGLE FROM THE LINE OF SPREAD SO AS TO CONTINUALLY POOL THE MATERIAL TOWARD THE OPERATOR AND NOT TO OVERFLOW OR "SPILL" ON ITS FORWARD EDGE AWAY FROM THE OPERATOR. AFTER EACH COAT HAS DRIED, ALL RIDGES SHALL BE REMOVED WITH SCRAPERS AND THE SURFACE THOROUGHLY ROLLED.
- C. THE MINIMUM APPLICATION SHALL BE AT THE RATE OF NOT LESS THAN THIRTY (30) GALLONS OF UNDILUTED REFINEMENT COURSE MATERIAL PER 1,000 SQUARE FEET.
- D. UPON COMPLETION OF ROLLING, THE AREA SHALL BE WATER FLOODED AND ALL DEPRESSIONS HOLDING OVER ONE-EIGHTH INCH (1/8") DEPTH OF WATER SHALL BE FILLED WITH THE REFINEMENT COURSE MATERIAL, ALLOWED TO CURE, AND THEN FINISH ROLLED WITH A 2- TO 3-TON TANDEM ROLLER. THE FINISHED SURFACE SHALL BE SMOOTH, FREE OF RIDGES, VALLEYS AND TOOL MARKS.

3.03 SURFACE SEALER

- A. FILLER COATS: OVER THE COMPLETED REFINEMENT COURSE APPLY TWO (2) COATS OF APPROVED PRODUCT. METHOD OF APPLICATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS. COLOR SHALL BE FULL DEPTH OF COURT COVERAGE.
- B. SEALER COAT: THE FINAL SURFACE SEALER SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS. COLOR SHALL BE FULL DEPTH OF COURT COVERAGE.

3.04 PLAYING LINES

- A. FOLLOWING THE DRYING OF THE FINISHED SURFACE, LINES SHALL BE STRIPED USING ONLY ACCEPTABLE WHITE LATEX LINE PAINT. ALL MEASUREMENTS SHALL CONFORM TO THE UNITED STATES TENNIS ASSOCIATION DIMENSIONS AND SHALL BE TWO (2) INCHES IN WIDTH. ALL LINES SHALL BE STRAIGHT AND TRUE, WITH NO IRREGULAR EDGING.

3.05 TRAFFIC

- A. FOLLOWING THE PAINTING OF LINES, THE COURTS SHALL BE ALLOWED TO CURE FOR A MINIMUM OF FOUR (4) DAYS BEFORE BEING OPENED TO PLAY. GATES SHALL BE SECURED AT ALL TIMES UNTIL PROJECT FINAL ACCEPTANCE.

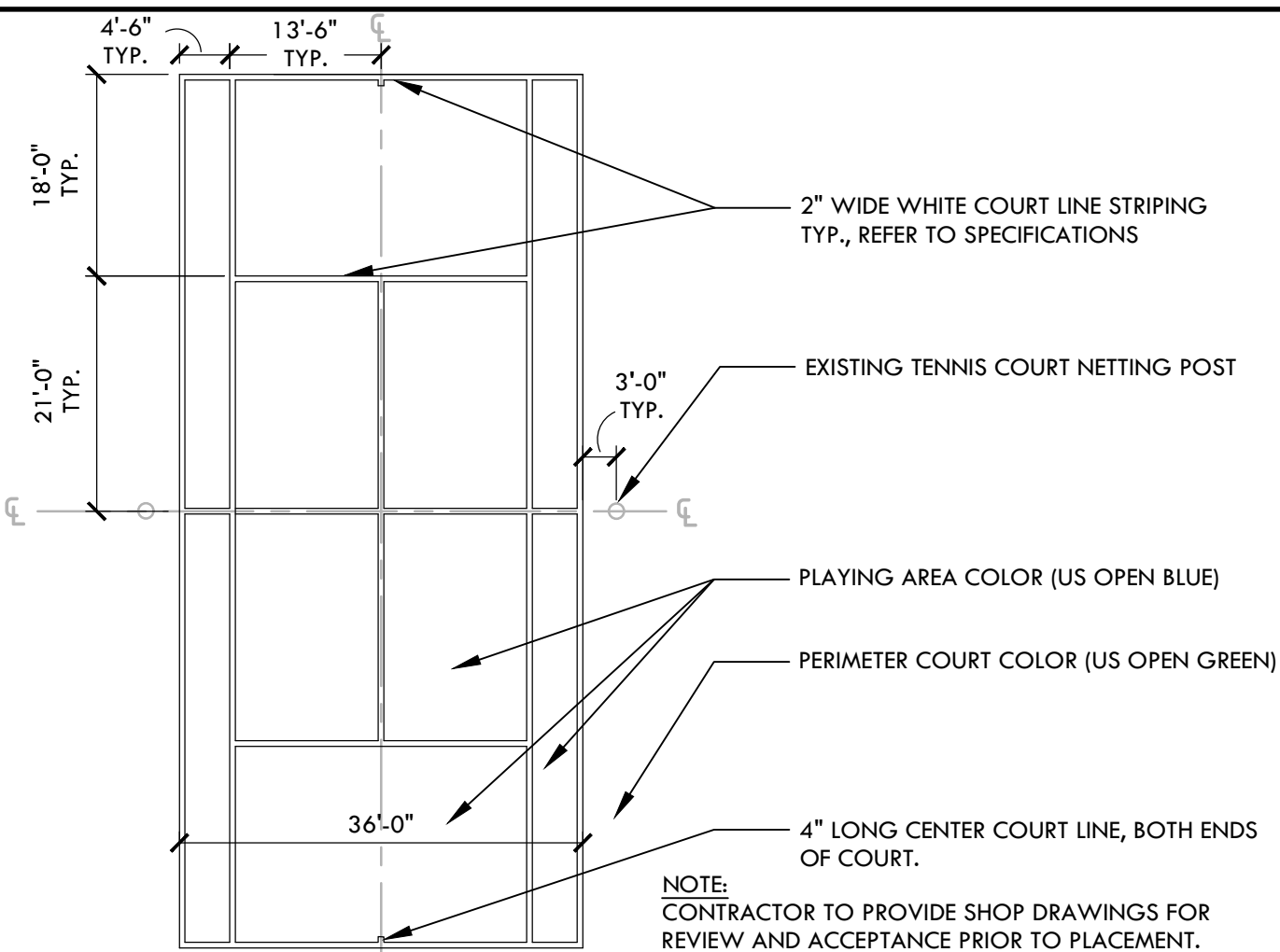
3.06 CLEANUP

- A. UPON COMPLETION, THE CONTRACTOR SHALL REMOVE ALL OVER-SPRAY, SPLATTER, CONTAINERS, SURPLUS MATERIALS AND DEBRIS, AND LEAVE THE SITE IN A CLEAN AND ORDERLY CONDITION ACCEPTABLE TO THE DISTRICT'S REPRESENTATIVE.

3.07 GUARANTY

- A. THIS CONTRACTOR SHALL GUARANTY ALL TENNIS COURT PAVING AND SURFACING AGAINST PEELING OF SURFACE AND OTHER DEFECTS OF MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.

END OF SECTION



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CONSULTANT

SPECIFICATIONS
AND DETAILS

PROJECT NAME
**TERRA LINDA HIGH SCHOOL
TENNIS COURTS
RESURFACING**

PROJECT ADDRESS
**320 NOVA ALBION WAY
SAN RAFAEL, CA 94903**

SUBMITTAL	DATE
90% SUBMITTAL	6/23/23
100% SUBMITTAL	7/07/23

NO.	REVISIONS	DATE
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DRAWN BY KL	CHECKED BY DC/WD
DATE ISSUED 7/07/23	SCALE NTS
PROJ. NO. 2310600	
SHEET NO.	

A **TENNIS COURT LAYOUT** **NTS**

L2.0 OF 3 SHEETS