

PUBLIC IMPROVEMENT PLANS FOR

4201 MIDAS AVE
ROCKLIN, CA 98677
APN: 030-140-009-000

[illegible]

GENERAL NOTES

1. THE CONTRACTOR SHALL NOT BEGIN ANY WORK SHOWN ON THESE PLANS UNTIL THE CITY ENGINEER'S SIGNATURE OF APPROVAL IS AFFIXED HEREON AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED.
2. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY, OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY, OWNER OR ENGINEER.
3. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE SHALL CONTACT ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL "UNDERGROUND SERVICE ALERT" AT 811 (PHONE 800-227-2600) OR THROUGH THE WEBSITE AT HTTP://USANORTH811.ORG 48 HOURS IN ADVANCE PRIOR TO ANY EXCAVATION.
4. THE LOCATIONS OF ALL UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL UNDERGROUND FACILITIES; HOWEVER, THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING FACILITIES SHOWN HEREON OR FOR THE EXISTENCE OF OTHER UNDERGROUND UTILITIES OR OBJECTS WHICH THE CONTRACTOR MAY DISCOVER, BUT ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FACILITIES AND IMMEDIATELY NOTIFY THE ENGINEER IF ANY SUCH FACILITIES INTERFERE WITH THE CONSTRUCTION OF THE IMPROVEMENTS. THE CONTRACTOR SHALL STOP WORK UNTIL MITIGATIONS CAN BE MADE. ANY COSTS INCURRED RESULTING FROM CONTRACTOR'S FAILURE TO STOP AS DIRECTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL MATERIALS, METHODS, AND WORKMANSHIP SHALL CONFORM TO THE SPECIFICATION OF THE AGENCIES INVOLVED AND ALL WORK IS SUBJECT THE APPROVAL OF THEIR DIRECTOR OR AUTHORIZED REPRESENTATIVE.
6. THE CONTRACTOR SHALL NOTIFY THE CITY OF ROCKLIN'S ENGINEERING DEPT. MON.-FRI. 8:00 A.M. TO 4:00 P.M. AT (916) 625-5100 FOR A PRECONSTRUCTION MEETING 48 HOURS IN ADVANCE OF STARTING ANY CONSTRUCTION ACTIVITIES. PLACER COUNTY WATER AGENCY AND SOUTH PLACER MUNICIPAL UTILITY DISTRICT REQUIRE AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION REQUESTS FOR INSPECTION OF PUBLIC FACILITIES. THEREFORE, NOTICE SHALL BE GIVEN 72 HOURS IN ADVANCE AND BE PERFORMED BY THE AGENCY'S DESIGNATED AGENT.
7. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY ENCROACHMENT PERMITS WITH BONDS AND SHALL POSSESS APPROVED PLANS PRIOR TO BEGINNING OF CONSTRUCTION. A SET OF SIGNED AND APPROVED PLANS ARE TO BE ON THE JOB SITE AT ALL TIMES.
8. THE CONTRACTOR SHALL MAINTAIN THE EXISTING PUBLIC AND PRIVATE IMPROVEMENTS WITHIN THE WORK AREA AND SHALL ADEQUATELY BARRICADE THE PROJECT SITE TO KEEP THE GENERAL PUBLIC FROM THE SITE. ANY IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR.
9. THE CONTRACTOR MUST EXPOSE THE END OF EXISTING GRAVITY LINES FOR THE SURVEYOR TO VERIFY LOCATION AND DEPTH OF FACILITIES PRIOR TO CONNECTION OF PROPOSED UTILITY. THE CONTRACTOR SHALL INCUR ALL COSTS FOR SUCH EXCAVATION.
10. THE CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS WORK WITH THAT OF OTHERS ON THE SITE. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON THE JOB SITE DURING ALL WORKING HOURS.
11. CONTRACTOR SHALL BE IN RECEIPT OF THE CITY APPROVED PLANS PRIOR TO CONSTRUCTION.
12. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES INVOLVED IN THE DEVELOPMENT PRIOR TO BEGINNING OF WORK.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND/OR OTHER SURVEY MONUMENTS AND SHALL NOTIFY CITY OF ROCKLIN ENGINEERING DEPT. OF ANY DAMAGED OR REMOVED CITY, STATE, OR BUREAU MONUMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ANY DAMAGED OR REMOVED MONUMENTS.
14. CONTRACTOR SHALL NOTIFY DEPARTMENT OF PUBLIC WORKS UPON APPLICATION FOR ENCROACHMENT PERMIT AND PAYMENT OF REQUIRED FEE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING THEIR OPERATION ENTIRELY OUTSIDE OF ANY FLOODPLAIN BOUNDARIES; FLOODPLAIN BOUNDARIES SHALL BE CLEARLY DELINEATED IN THE FIELD WITH ORANGE ESA FENCING AND SIX FOOT (6') STAKES TEN FEET (10') OC PRIOR TO CONSTRUCTION.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING THEIR OPERATION ENTIRELY OUTSIDE OF ANY "NO GRADING AREA." THESE AREAS SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO CONSTRUCTION.
17. WHERE WORK IS BEING DONE IN AN OFFSITE EASEMENT THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER 48 HOURS PRIOR TO COMMENCING WORK.

STREETS

1. PLACEMENT OF PROPOSED PUBLIC IMPROVEMENTS AND PROPOSED ONSITE IMPROVEMENTS SHALL NOT BE LIMITED TO THESE PLANS, BUT BE BUILT IN ACCORDANCE WITH THE CITY OF ROCKLIN IMPROVEMENT STANDARDS AND TO THE SATISFACTION OF THE CITY ENGINEER.
2. SIDEWALK RAMPS SHALL BE CONSTRUCTED AT THE CENTER OF ALL CURB RETURNS.
3. ALL UTILITY TRENCHING TO BE DONE AS PER TRENCH DETAILS.
4. ALL DROP INLETS SHALL BE TYPE "B" AS SHOWN IN THE CITY OF ROCKLIN IMPROVEMENT STANDARDS, DRAWING 4-2, EXCEPT AS NOTED.
5. CONSTRUCT SIDEWALK RAMPS PER LATEST CALTRANS STANDARDS.
6. CONSTRUCT MONUMENT BOX PER CITY OF ROCKLIN IMPROVEMENTS, STANDARD DRAWINGS 3-34.
7. STOP SIGNS, THERMOPLASTIC STOP BARS, AND THE THERMOPLASTIC WORD "STOP" SHALL CONFORM TO CALTRANS STANDARDS (R1, 30').
8. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER WORK TO ASSURE THAT ALL UNDERGROUND CONDUITS AND UTILITIES ARE INSTALLED PRIOR TO PAVING. ALL PIPES IN PAVED AREAS SHALL BE PLACED PRIOR TO PLACING AGGREGATE BASE. NO CURB, GUTTER, SIDEWALK FOR AGGREGATE BASE SHALL BE PLACED UNTIL ALL UNDERGROUND UTILITIES ARE INSTALLED.
9. EXISTING A.C. SURFACE SHALL BE CUT TO A NEAT STRAIGHT LINE, PARALLEL WITH THE STREET CENTERLINE AND THE EXPOSED EDGE AND VERTICAL EDGE OF GUTTER LIP SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE CONTRACTOR SHALL PREVENT SAW CUT MATERIAL FROM ENTERING DRAINAGE STRUCTURES, WATERWAYS, DRAINAGE SWALES, ETC. MATERIAL SHALL BE GRADED, RECOMPACTED, AND RESEALED PRIOR TO PAVING. ANY CONCRETE, TREES, FENCES, AND/OR OTHER OBSTRUCTIONS REQUIRED TO CONSTRUCT THE IMPROVEMENT SHALL BE REMOVED PRIOR TO PAVING.
10. TRAFFIC CONTROL PROCEDURES SHALL CONFORM TO THE MOST RECENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD). THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF ROCKLIN FOR THE METHOD OF TRAFFIC CONTROL PRIOR TO STARTING CONSTRUCTION.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR SIDEWALKS DURING THE CONSTRUCTION PHASE. IF THE CITY FINDS A SIGNIFICANT AMOUNT OF STREET DAMAGE, AN OVERLAY OF THE ENTIRE PROJECT OR STREET IN QUESTION WILL BE REQUIRED BEFORE A NOTICE OF COMPLETION IS PROCESSED. THE CONTRACTOR, DEVELOPER AND/OR BUILDER ARE TOTALLY RESPONSIBLE FOR THE QUALITY OF

WORKMANSHIP ON THE PROJECT.

12. SEE INDIVIDUAL AGENCIES FOR SIZE, TYPE, AND LOCATION OF THEIR PROPOSED FACILITIES.
13. ALL OF THE ABOVE UTILITIES ARE MEMBERS OF THE "UNDERGROUND SERVICES ALERT" (U.S.A.) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS PROJECT WILL BE REQUIRED TO NOTIFY MEMBERS OF (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING 811 (PHONE 800-227-2600) OR THROUGH THE WEBSITE AT HTTP://USANORTH811.ORG. EXCAVATION, FOR THE PURPOSE OF THIS REQUIREMENT, IS DEFINED AS BEING 4"—6" OR MORE IN DEPTH BELOW THE EXISTING SURFACE.

EARTHWORK AND GRADING

1. THE CONTRACTOR SHALL CONTACT THE CITY OF ROCKLIN ENGINEERING DEPT., 48 HOURS PRIOR TO THE START OF EARTHWORK AND GRADING CONSTRUCTION.
2. GRADING SHALL NOT OCCUR ON THE PROJECT AREA UNTIL ALL EXISTING UTILITIES AND TREES AND SENSITIVE AREAS TO BE SAVED ARE ADEQUATELY PROTECTED PER THE CITY OF ROCKLIN CONSTRUCTION SPECIFICATIONS.
3. ALL COMPACTION TESTING SHALL BE PERFORMED BY THE CITY OR ITS DESIGNATED AGENT AND BE PAID FOR BY THE CITY (OR CONTRACTOR IN CASE OF RETESTING). TESTS WITHIN THE RIGHT-OF-WAY SHALL BE APPROVED BY THE CITY OF ROCKLIN AND ALL TESTS OUTSIDE THE RIGHT-OF-WAY SHALL BE CERTIFIED BY THE SOILS ENGINEER FOR THE PROJECT. ALL UNSUITABLE AND SURPLUS MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS THE ENGINEER SPECIFIES OTHERWISE. UTILITY TRENCHING TO BE COMPLETED WITH FINAL EARTHWORK. THE PROJECT WILL BE TEMPORARILY SUSPENDED PER SEC 8-1.05 FOR ALLOWING PG&E AND WAVE BROADBAND TO INSTALL THEIR RESPECTIVE FACILITIES.
4. THE CONTRACTOR SHALL AT ALL TIMES CONFORM TO THE RECOMMENDATIONS FROM THE CITY OF ROCKLIN ON DUST CONTROL, AND ANY REQUIREMENTS OF PLACER COUNTY AIR POLLUTION CONTROL DISTRICT. AREAS SURROUNDING THE WORK SHALL BE KEPT CLEAN AND RETURNED TO ORIGINAL CONDITION UPON COMPLETION OF CONTRACT. GRADING SHALL NOT OCCUR WHEN WIND SPEED EXCEEDS 10 MPH CONTINUOUSLY FOR MORE THAN 1 HOUR.
5. CONTRACTOR SHALL APPLY EROSION CONTROL HYDROSEEDING TO ALL GRADED OR DISTURBED SOILS WITHIN THE WORK AREA AFTER COMPLETION OF IMPROVEMENTS OR AS SOON AS PRACTICAL AFTER GRADING TO REDUCE DUST AND EROSION POTENTIAL. STRAW OR HYDROMULCHING SHALL BE COMBINED WITH THE SEEDING ON SLOPES EQUAL TO OR GREATER THAN 10:1 AND PLACED PRIOR TO COMPLETION OF PROJECT IF DEEMED NECESSARY FOR CONTROLLING SOIL EROSION.
6. THE CONTRACTOR SHALL DO THE FOLLOWING IF GRADING AND CLEARING IMPROVEMENTS ARE INCOMPLETE BY OCTOBER 1ST:
- INSTALL EROSION PROTECTION ON SLOPES 10:1 OR STEEPER AND SWALES WITH SLOPES 2% OR GREATER
 - PREVENT SEDIMENT FROM LEAVING THE PROJECT AREA
 - GRADE GUTTER SAG POINTS TO DRAIN. PROVIDE FOR DRAINAGE FROM ENDS OF IMPROVEMENTS
 - PREVENT SEDIMENTATION IN EXISTING STORM DRAIN SYSTEM AND CLEAN PIPES AS PER SPECIFICATION SS62
 - SEAL OFF ALL SANITARY SEWER CONNECTIONS TO EXISTING SYSTEMS
- THE CONTRACTOR SHALL MAINTAIN WINTERIZATION FACILITIES AT ALL TIMES UNTIL THE CITY ACCEPTS THE IMPROVEMENTS
8. PRIOR TO GRADING, A RAPTOR SURVEY SHALL BE DONE. NO CONSTRUCTION ACTIVITIES ARE ALLOWED WITHIN 0.25 MILES OF ANY IDENTIFIED RAPTOR NESTS BETWEEN THE DATES OF FEBRUARY 1ST THRU AUGUST 31ST AS APPROVED BY DIRECTOR.
9. APPROX. QUANTITY OF EARTHWORK: ±3,542 CY CUT, ±3,360 CY FILL [NET: ±183 EXPORT]
10. THOSE ENGAGED IN CONSTRUCTION ACTIVITY SHALL COMPLY WITH THE CITY OF ROCKLIN CONSTRUCTION NOISE COMPATIBILITY GUIDELINES, INCLUDING RESTRICTING CONSTRUCTION NOISE GENERATING ACTIVITIES WITHIN OR NEAR RESIDENTIAL AREAS TO BETWEEN 7:00 AM AND 7:00 PM ON WEEKDAYS AND 8:00 AM AND 7:00 PM ON THE WEEKENDS TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR OR BUILDING OFFICIAL.

STRIPING

1. ALL EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE REMOVED BY GRINDING, AND A SURFACE TREATMENT MAY BE REQUIRED BY THE CITY.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND ARE TO CONFORM TO THE MOST RECENT EDITION OF THE CALTRANS STANDARD SPECIFICATIONS AND PLANS.

CONSTRUCTION STAKING/MONUMENTATION

1. NO WORK SHALL COMMENCE UNTIL STAKING IS PROVIDED.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL MONUMENTS AND OTHER SURVEY MARKERS.
3. ALL SURVEY MONUMENTS SHALL BE SET IN ACCORDANCE WITH THE CITY OF ROCKLIN SUBDIVISION ORDINANCE PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF PUBLIC IMPROVEMENTS. MONUMENT BOXES SHALL BE FROM "IRONSIDES" 1B-BODY WITH IL-LID MARKED "MONUMENT" OR APPROVED EQUAL.

BIOLOGICAL RESOURCES

PRIOR TO GRADING OR CONSTRUCTION ACTIVITIES, THE OPEN SPACE/WETLAND/RIPARIAN AREAS SHALL BE FENCED WITH ORANGE CONSTRUCTION FENCING SUCH THAT THE FENCING SEPARATES THE PROJECT SITE FROM THE OPEN SPACE/WETLAND/RIPARIAN AREAS. THE FENCING SHALL BE INSTALLED TO THE SATISFACTION OF THE CITY ENGINEER AND SHALL REMAIN IN PLACE DURING ALL CONSTRUCTION ACTIVITIES.

CULTURAL RESOURCES

IF EVIDENCE OF ARCHEOLOGICAL OR PALEONTOLOGICAL SITE IS UNCOVERED DURING GRADING OR OTHER CONSTRUCTION ACTIVITIES, WORK SHALL BE HALTED WITHIN 100 FT OF THE FIND AND THE CITY OF ROCKLIN ENVIRONMENTAL SERVICES DIVISION SHALL BE IMMEDIATELY NOTIFIED. A QUALIFIED ARCHEOLOGIST OR PALEONTOLOGIST SHALL BE RETAINED AT THE EXPENSE OF THE DEVELOPER/CITY TO CONDUCT AN ON-SITE EVALUATION AND PROVIDE RECOMMENDATIONS FOR REMOVAL AND/OR PRESERVATION. WORK ON THE SITE SHALL NOT RESUME UNTIL THE ARCHEOLOGIST OR PALEONTOLOGIST HAS HAD REASONABLE TIME TO CONDUCT AN EXAMINATION AND IMPLEMENT MITIGATION MEASURES DEEMED APPROPRIATE AND NECESSARY BY THE ENVIRONMENTAL SERVICES DIVISION TO REDUCE IMPACTS TO A LESS THAN SIGNIFICANT LEVEL.

EVIDENCE OF HUMAN BURIAL OR SCATTERED HUMAN REMAINS RELATED TO PRE-HISTORIC OCCUPATION OF THE AREA COULD BE INADVERTENTLY ENCOUNTERED ANYWHERE WITHIN THE PROJECT AREA DURING CONSTRUCTION ACTIVITY OR OTHER ACTIONS INVOLVING DISTURBANCE TO THE GROUND SURFACE AND SUBSURFACE COMPONENTS. IN THE EVENT OF SUCH AN INADVERTENT DISCOVERY, WORK SHALL BE HALTED WITHIN 100 FT OF THE FIND AND THE CITY OF ROCKLIN ENVIRONMENTAL SERVICES DIVISION AND THE COUNTY CORONER SHALL BE IMMEDIATELY NOTIFIED AND CONSULTED, PER STATE LAW.

AIR QUALITY

PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITY, A DUST CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE CITY ENGINEER AND THE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT. THE DUST CONTROL PLAN SHALL SPECIFY MEASURES TO REDUCE DUST POLLUTION DURING ALL PHASES OF CONSTRUCTION.

ACCESSIBILITY NOTES

1. THE CONTRACTOR SHALL CONFORM TO ALL OF THE REQUIREMENTS OF TITLE 24 AND THE AMERICANS WITH DISABILITIES ACT (ADA) AS THEY APPLY TO SIDEWALKS, PATHS OF TRAVEL, RAMPS, PARKING SPACES, ETC. THE CONTRACTOR IS ADVISED THAT ALL SIDEWALKS, PATHS OF TRAVEL, ACCESSIBLE PARKING AREAS AND ACCESSIBLE LOADING ZONES SHALL HAVE A MAXIMUM CROSS SLOPE THAT DOES NOT EXCEED 2%. THE CONTRACTOR IS ALSO ADVISED THAT ALL CURB RAMPS MUST CONFORM TO THE APPLICABLE DETAILS OF TITLE 24 AND THE ADA AS THEY APPLY TO MAXIMUM SLOPES, LEVEL LANDING AND DETECTABLE WARNINGS.

ADDITIONAL GRADING NOTES

1. ALL GRADING SHALL BE PERFORMED PER GEOCON CONSULTANTS, INC. "LIMITED GEOTECHNICAL INVESTIGATION SUNSET WHITNEY RECREATION AREA (SWRA) PICKLEBALL COURTS" REPORT DATED SEPTEMBER 22, 2025.

2. REFER TO THE DEMOLITION PLAN FOR LIMITS OF REMOVAL.

3. PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS, THE CONTRACTOR SHALL IDENTIFY THE SITE WHERE EXCESS/BORROW EARTHEN MATERIAL SHALL BE IMPORTED/DEPOSITED. IF THE BORROW/DEPOSIT SITE IS WITHIN THE CITY OF ROCKLIN, THE CONTRACTOR SHALL PRODUCE A REPORT ISSUED BY A GEOTECHNICAL ENGINEER TO VERIFY THAT THE EXPORTED MATERIALS ARE SUITABLE FOR THE INTENDED FILL, AND SHALL SHOW PROOF OF ALL APPROVED GRADING PLANS. HAUL ROUTES TO BE USED SHALL BE SPECIFIED.

4. THE USE OF THE LAND SOUTH OF THE PROJECT LIMIT FOR SPOILS IS SUBJECT TO OWNER APPROVAL AND MAY NOT BE GRANTED.

5. CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS WITHIN PROJECT LIMITS TO REMAIN TO PROPOSED GRADE.

6. CONTRACTOR SHALL LOCATE EXISTING UTILITIES PRIOR TO GRADING AND COORDINATE WITH THE AUTHORITY HAVING JURISDICTION TO RELOCATE OR LOWER LINE IF NEEDED (TYPICAL ALL UTILITY LINES WITHIN PROJECT LIMITS).

7. THE CONTRACTOR SHALL SCARIFY AND RECOMPACT PICKLEBALL COURTS PADS TO THE LIMITS SHOWN IN ACCORDANCE WITH NOTES SHOWN HEREON.

8. CONTRACTOR SHALL ENSURE SLOPE OF PAVING IN ACCESSIBLE PARKING AREA(S) IS LESS THAN 2% IN ALL DIRECTIONS. GRIND AND OVERLAY LIMITS SHALL BE ADJUSTED ACCORDINGLY IN FIELD.

9. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

10. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.

11. EXISTING PIPES SHALL BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.

12. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.

13. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.

14. IF ANY EXISTING STRUCTURES, PAVEMENTS, OR OTHER EXISTING ITEMS TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE, PAVEMENT OR ASSOCIATED ITEM AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.

15. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE AT CONFORMS.

16. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.

17. TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE CITY FOR REVIEW.

18. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL UNLESS STATED OTHERWISE BY LANDSCAPE ARCHITECT.

19. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER.

20. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS OR SWPPP WHICHEVER IS MORE STRINGENT UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED. FOR AREAS WHERE FUTURE LANDSCAPE IS INCLUDED AS PART OF THESE PLANS, A NON HYDROSEED SOIL STABILIZER IS ACCEPTABLE.

21. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.


22. THE ENGINEER SHALL CERTIFY PAD ELEVATIONS PRIOR TO FOOTING INSPECTION AND THEN A FINAL GRADING CERTIFICATION PRIOR TO THE PROJECTS FINAL INSPECTION (SUBMITTED TO BUILDING INSPECTOR).

23. ALL CURBS ARE 6" TALL UNLESS NOTED OTHERWISE.

24. GRADING TOLERANCES:
- | | |
|--------------------------|----------------------|
| BUILDING OVEREXCAVATION: | (-)0.10' TO (+)0.10' |
| AC OR PCC: | 0.00' TO (+)0.05' |
| PAVEMENT SUBGRADES: | 0.00' TO (-)0.10 |
| ROUGH GRADING: | (-)0.10' TO (+)0.10' |
| TOP OF CURBS: | 0.00' TO (+)0.05' |

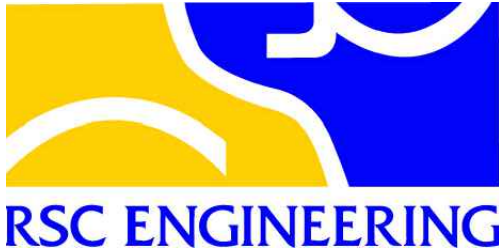
SITE PREPARATION

1. CLEARANCE FOR IMPROVEMENT AREAS (INCLUDING PROPOSED LANDSCAPING AREAS) SHALL INCLUDE REMOVAL OF SURFACE VEGETATION, ANY AND ALL SOFT SATURATED LOOSE AND DISTURBED SOILS, RUBBISH, UNWANTED CONSTRUCTION DEBRIS/PAVEMENTS/ABANDONED FEATURES.
2. UNWANTED TREES (MARKED ON PLANS) AND ASSOCIATED ROOTS EXCEEDING ONE-HALF INCH (½") DIAMETER AND ROOT BALLS SHALL BE REMOVED.
3. EXISTING UNWANTED PIPES AND ROOTS (EXCEEDING ONE-HALF INCH (½") DIAMETER) SHALL BE REMOVED WITHIN TWO FEET (2') OF PROPOSED GRADES.
4. SITE SHALL BE PREPARED PER RECOMMENDATION OF GEOCON CONSULTANTS, INC. "LIMITED GEOTECHNICAL INVESTIGATION SUNSET WHITNEY RECREATION AREA (SWRA) PICKLEBALL COURTS" REPORT DATED SEPTEMBER 22, 2025.

DESIGNED:	DRAWN:	CHECKED:	APPROVED:	NO.	REVISION	BY	DATE
Z. ARTHUR	Z. ARTHUR	J. VANDERPOST					
PROJECT NAME				INITIALS			
SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS				DRAWING NAME		NOTES SHEET 1	
CITY OF ROCKLIN				COUNTY OF PLACER		CALIFORNIA	
COMMUNITY DEVELOPMENT DEPARTMENT				ROCKLIN			
							
SCALE: SEE SHEET							
DATE: JANUARY 7, 2026							
CITY PROJECT NO.:							
SHEET NO.:				C1.1			
DRAWING: 2 OF 15							



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STORM DRAINS

STORM DRAIN REQUIREMENTS SHALL BE PER THE CITY OF ROCKLIN STANDARD SPECIFICATIONS INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. MINIMUM OF 12" DIAMETER PIPE WITHIN THE CITY RIGHT OF WAY AND MINIMUM 8" DIAMETER PIPE ON PRIVATE PROPERTY.

PIPE ALTERNATIVES SHALL BE:

- CONCRETE PIPE C76 REINFORCED CONCRETE PIPE
- ASTM-12" IS SMALLEST
- ASTM-C76 CLASS 5 (UNLESS OTHERWISE SHOWN ON PLANS)
- HDPE (PER CALTRANS STANDARD, DIVISION VII, MOST RECENT EDITION) (SHALL NOT BE ALLOWED AT PIPE INLETS/OUTFALLS)

THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.

EXISTING STORM DRAIN FACILITIES SHALL BE EXPOSED AND INVERT VERIFIED PRIOR TO PLACEMENT. ALL CONSTRUCTION SHALL CONFORM TO MANUFACTURERS SPECIFICATIONS AND TO REQUIREMENTS OF THE CITY OF ROCKLIN STANDARD SPECIFICATIONS.

A "NO DUMPING" STORM DRAIN MESSAGE SHALL BE PLACED ADJACENT TO ALL DRAIN INLETS IN ACCORDANCE WITH CITY STANDARD DRAWING 4-24.

CONFINED SPACE ENTRY

(STORM DRAIN MANHOLES AND TRENCHING):

IT IS THE PROJECT OWNER/DEVELOPER'S RESPONSIBILITY AS HOST EMPLOYER TO HAVE A CONFINED SPACE ENTRY PROGRAM IN COMPLIANCE WITH THE REQUIREMENTS OF SECTIONS 5156-5159 OF TITLE 8, GENERAL INDUSTRIAL SAFETY ORDERS, AND CALIFORNIA CODE OF REGULATIONS. CITY OF ROCKLIN EXISTING MANHOLES ARE "PERMIT REQUIRED" CONFINED SPACES. THE HOST EMPLOYER'S CONTRACTOR MUST STRICTLY CONFORM TO THE CITY OF ROCKLIN PERMIT REQUIRED CONFINED SPACE ENTRY PROGRAM IN ENTERING ANY CITY OF ROCKLIN OWNED MANHOLE. REFER TO GS7-1.06.

WATER FACILITIES

- PLACER COUNTY WATER AGENCY INSPECTOR - PHONE (530) 823-4885

PCWA MAP NO. 20-A-07
WATER LINES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE AGENCY'S LATEST REVISED SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT PLACER COUNTY WATER AGENCY INSPECTOR FORTY EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF INITIAL WATER LINE CONSTRUCTION, AND BY 7:30 A.M. EACH DAY WORK ON WATER INSTALLATION OCCURS. THESE PLANS ARE APPROVED TO BE USED FOR WATERLINE IMPROVEMENTS ONLY. CONFLICTS WITH OTHER IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF OTHERS.

- SUNSET INDUSTRIAL PRESSURE ZONE, HGL=350', TEST PRESSURE=150 PSI (TEST PRESSURE=1.5 X OPERATING PRESSURE OR 150 PSI, WHICHEVER IS GREATER)
- ALL VALVES, PIPE, FITTINGS, RESTRAINT, AND APPURTENANCES SHALL BE A MINIMUM PRESSURE CLASS 150 RATING.

IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE, SERVICES WITH MORE THAN 80 PSI STATIC PRESSURE MUST BE EQUIPPED WITH A PRESSURE REGULATOR SET TO 60 PSI MAXIMUM AND INSTALLED ON THE CUSTOMER'S SIDE OF THE METER. THE REGULATOR SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.

- RADIUSING OF D.I.P. SHALL BE ACCOMPLISHED BY PULLING PIPE AT JOINTS AT A MAXIMUM OF 75% OF THE MANUFACTURE'S MAXIMUM ALLOWABLE DEFLECTION.

JOINT DEFLECTION AND RADIUSING OR BENDING OF PVC PIPE IS NOT ALLOWED. ANGLE FITTINGS REQUIRED AT ALL DEFLECTIONS OF PVC PIPE.

- PROVIDE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN WATER AND SEWER LINES PCWA STANDARD DRAWING NO. S103.

PROVIDE A MINIMUM HORIZONTAL SEPARATION OF 4 FEET BETWEEN WATER AND STORM DRAIN LINES PER PCWA STANDARD DRAWING NO. S103.

- NO WATER LINE JOINTS ALLOWED WITHIN 8 FEET OF WET UTILITY CROSSINGS.

PROVIDE A MINIMUM OF 12 INCHES CLEARANCE AT LATERAL CROSSINGS WITH WATER OVER ALL WET UTILITIES.

- ALL WET UTILITIES CROSSING WATER FACILITIES MUST NOT CROSS AT AN ANGLE GREATER THAN 45 DEGREES FROM WHAT WOULD BE A PERPENDICULAR CROSSING.

PIPE JOINTS SHALL BE MECHANICALLY RESTRAINED WHERE SHOWN ON PLANS.

- WATER METER SHALL INSTALLED 5 FEET FROM LOT LINE AND MAINTAIN SEPARATION PER PCWA STANDARD DRAWING NO. S105. MINIMUM 12 INCHES SEPARATION BETWEEN ALL SERVICE SADDLES.

- 2-INCH BLOW OFF VALVES TO BE INSTALLED PER PCWA STANDARD DRAWING NO. S208.

FIRE HYDRANTS TO BE INSTALLED PER PCWA STANDARD DRAWINGS NO. S210.

- AIR VACUUM RELEASE VALVES TO BE INSTALLED PER PCWA STANDARD DRAWING NO S211.

PIPE AND APPURTENANCES TO BE 30-INCHES MINIMUM BELOW FINAL GRADE.

- VALVES 12-INCHES AND LARGER SHALL BE BUTTERFLY VALVES, AND 8-INCHES AND SMALLER SHALL BE GATE VALVES. VALVES SHALL BE INSTALLED PER PCWA STANDARD DRAWING NO. S108 AND S109. ALL VALVES SHALL INCLUDE 17-LB ANODE WITH INSTALLATION PER PCWA STANDARD DRAWING NO. S112.

PRIVATE COMMERCIAL FIRE SERVICE CONNECTION DCDA SHALL BE INSTALLED PER PCWA STANDARD DRAWING NO. S207 WITH A BADGER METER DETECTOR ASSEMBLY (CFM WITH "O" DESIGNATION).

- NO WATER LINE JOINTS SHALL BE ALLOWED WITHIN 8 FEET OF WET UTILITY CROSSINGS.

SEWER NOTES

(SOUTH PLACER MUNICIPAL UTILITY DISTRICT)

- ALL SANITARY SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SOUTH PLACER MUNICIPAL UTILITY DISTRICT STANDARD SPECIFICATIONS AND IMPROVEMENT STANDARDS FOR SANITARY SEWERS, LATEST EDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION, DRAWINGS AND REQUIREMENTS FROM SPMUD NECESSARY TO COMPLETE THE WORK SHOWN ON THESE PLANS.

- THE CONTRACTOR SHALL NOTIFY SPMUD 48 HOURS PRIOR TO THE START OF SEWER CONSTRUCTION, AND TO ARRANGE FOR A PRE-CONSTRUCTION MEETING (916)-786-8555.

ALL SEWER PIPE SHALL BE PVC SDR-26, DIP 431, OR VITRIFIED CLAY PIPE, EXTRA STRENGTH, UNLESS OTHERWISE NOTED.

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL POTHOLE EXISTING SEWER FACILITIES TO DETERMINE THE ACTUAL LOCATION, PIPE MATERIAL, SIZE AND DEPTH. POTHOLE LOCATIONS SHALL BE SPECIFIED ON THE PLANS AND/OR AS DETERMINED IN THE FIELD BY SPMUD STAFF.

ANY WATER OR DEBRIS ENTERING THE SEWERS TO BE CONSTRUCTED UNDER THESE PLANS SHALL NOT BE DISCHARGED TO THE EXISTING SEWER SYSTEM. PLUGS OF THE MECHANICAL TYPE, OR AS APPROVED BY SPMUD, SHALL BE INSTALLED IN THE MANHOLES AT THE POINTS OF CONNECTION TO THE EXISTING SYSTEM, AND SHALL BE REMOVED ONLY AT THE DIRECTION OF SPMUD. INFLATABLE DEVICES ARE NOT PERMISSIBLE.

- SEWER MANHOLES SHALL BE VACUUM TESTED FOR LEAKAGE PER SPMUD REQUIREMENTS.

THE CONTRACTOR SHALL NOTIFY SPMUD FIVE (5) DAYS PRIOR TO SCHEDULED AIR TEST, T.V. INSPECTION, AND FLUSH. (916)-786-8555.

- THE ENDS OF ALL SEWER SERVICES SHALL HAVE AN INSPECTION CLEANOUT INSTALLED FOR T.V. INSPECTION PURPOSES. (SEE DETAIL 9, SHEET C8.8).

THE FLOWLINE OF ANY SANITARY SEWER SERVICE ENTERING A MANHOLE SHALL MATCH THE CROWN OF THE EXITING SEWER MAINLINE UNLESS OTHERWISE NOTED.

BOOT CONNECTIONS ARE ALLOWED WITH PRIOR AUTHORIZATION AND APPROVAL FROM THE DISTRICT. WHERE BOOTS ARE APPROVED, REMOVE THE BOOT PRIOR TO PLACEMENT OF MANHOLE, CLEAN THE CORE AND REMOVE/SMOOTH OUT ANY IMPERFECTIONS, THEN USE SIKAFLEX TO REINSTALL/RETIGHTEN THE BOOT BY BEADING A THIN LAYER TO THE INSIDE OF THE CORE WHERE THE BOOT WILL ATTACH. SYKAFLEX MAY BE USED AGAIN ON THE OUTSIDE OF THE BOOT DURING VACUUM TESTING. USE XYPEX TO FILL VOIDS AT CONNECTIONS INSIDE OF THE MANHOLE.

PRIOR TO THE START OF ANY GRADING OR CONSTRUCTION, THE CONTRACTOR SHALL T.V. INSPECT AND MAY BE REQUIRED TO PERFORM AN ACCEPTANCE TEST (AIR TEST) FOR LEAKAGE ON THE EXISTING SEWER WITHIN THIS PROJECT TO DEMONSTRATE THE CONDITION THEREOF. UPON COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL RE-TEST AND RE-T.V. INSPECT THE SAME EXISTING SEWER. ANY INDICATED ADDITIONAL DAMAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIRED AT HIS EXPENSE PRIOR TO SEWER FINAL. ALL WORK AND TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED IN THE PRESENCE OF SPMUD. THE CONTRACTOR IS ADVISED THAT THE SEWER IS SUBJECT TO CLEANING PRIOR TO T.V. INSPECTION.

PORTIONS OF THE EXISTING SEWER MAY BE SUBJECT TO CLEANING BY THE CONTRACTOR, AT THE DIRECTION OF SPMUD, PRIOR TO SEWER FINAL.

- BUILDING(S) SHALL NOT BE PHYSICALLY CONNECTED TO THE SEWER UNTIL ALL REQUIRED SEWER PARTICIPATION FEES HAVE BEEN PAID TO SPMUD, AND THE CONNECTION AUTHORIZED.

SEWERS CONSTRUCTED PER THESE PLANS WILL NOT BE FINALED BY SPMUD OR APPROVED FOR USE UNTIL SUCH TIME AS THE FOLLOWING SEWERS HAVE BEEN CONSTRUCTED, AND HAVE BEEN FINALED, APPROVED, AND ACCEPTED BY SPMUD:

CONFINED SPACE ENTRY (SPMUD SEWER MANHOLES): IT IS THE OWNER / DEVELOPER'S RESPONSIBILITY AS HOST EMPLOYER TO HAVE A CONFINED SPACE ENTRY PROGRAM IN COMPLIANCE WITH THE REQUIREMENTS OF SECTIONS 5156-5159, OF TITLE 8, GENERAL INDUSTRIAL SAFETY ORDERS, CALIFORNIA CODE OF REGULATIONS. SPMUD'S EXISTING MANHOLES ARE "PERMIT REQUIRED" CONFINED SPACES. THE HOST EMPLOYER'S CONTRACTOR MUST STRICTLY CONFORM TO SPMUD'S PERMIT REQUIRED CONFINED SPACE PROGRAM IN ENTERING ANY SPMUD OWNED MANHOLE.

UPON PROJECT SEWER COMPLETION AND PRIOR TO FIELD FINAL, A FULL AND COMPLETE SET OF THE IMPROVEMENT PLAN DRAWINGS--AND SHOWING ALL AS-BUILT OR RECORD CHANGES TO THE SEWER--SHALL BE SUBMITTED TO SPMUD IN A DIGITAL VERSION ON CD OR DVD MEDIA IN AN ADOBE ACROBAT (PDF FILE) AND AUTOCAD 2004 FORMAT (EITHER DWG OF DXF FILE), AND BE ON THE FOLLOWING SPMUD COORDINATE SYSTEM: CALIFORNIA COORDINATE SYSTEM STATE PLANE ZONE 2, NAD 1983 (CONUS), US SURVEY FEET.

- DRAIN LOCKS REQUIRED AT ALL FLOOR SINKS, TRENCH DRAINS IN COMMERCIAL KITCHENS

SPMUD CCTV NOTES

1.DEBRIS THAT ENTERS THE SEWER SYSTEM AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE IMMEDIATELY REMOVED, PER THE DIRECTION OF SPMUD, AT THE EXPENSE OF THE CONTRACTOR. CONTRACTOR MAY BE REQUIRED TO CLEAN THE SYSTEM, OR A PORTION OF THE SYSTEM, AFTER ALL OTHER WORK HAS BEEN COMPLETED.

2.THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOWS AND SHALL BE LIABLE FOR ALL EXISTING SEWER FACILITIES WITHIN THE SCOPE OF THE PROJECT UNTIL ALL IMPROVEMENTS ARE COMPLETED.

3.CONTRACTOR SHALL ACCURATELY REFERENCE, MARK AND DOCUMENT ALL SPMUD SEWER STRUCTURES, IN A WAY ACCEPTABLE TO THE DISTRICT, PRIOR TO REMOVING CASTINGS, COVERS, ETC., IF APPLICABLE. REFERENCE MARKINGS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. SEWER STRUCTURES SHALL BE MADE ACCESSIBLE AS SOON AS POSSIBLE AFTER CONSTRUCTION. IN SOME CASES THE DISTRICT MAY REQUIRE THAT MANHOLES BE KEPT ACCESSIBLE AT ALL TIMES. CASTINGS, COVERS, ETC. SHALL BE SET TO GRADE IN ACCORDANCE WITH CITY OF ROCKLIN STANDARDS.

4.PRIOR TO THE START OF ANY GRADING OR CONSTRUCTION, CONTRACTOR SHALL PERFORM A CCTV INSPECTION ALL SEWER PIPES WITHIN THE SCOPE OF THE PROJECT TO DOCUMENT PRE-CONSTRUCTION CONDITIONS. UPON COMPLETION OF CONSTRUCTION AND JUST PRIOR TO FINAL SURFACING, THE CONTRACTOR SHALL RE-CCTV THE SAME EXISTING SEWER. ANY INDICATED DAMAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT HIS EXPENSE. CCTV WORK TO BE IN ACCORDANCE WITH DISTRICT STANDARD SPECIFICATIONS.

5.ALL WORK PERTAINING TO THE SANITARY SEWER SYSTEM SHALL BE DONE IN ACCORDANCE WITH THE SPMUD STANDARD SPECIFICATIONS AND IMPROVEMENT STANDARDS FOR SANITARY SEWERS, LATEST EDITION.

6.ADJUSTING SEWER MANHOLES TO GRADE. GRADE RINGS SHALL TOTAL A MINIMUM 3' AND MAXIMUM 9' IN HEIGHT. ANY MANHOLE THAT CANNOT BE SET TO GRADE IN ACCORDANCE WITH THIS STANDARD MAY REQUIRE A BARREL OR CONE SECTION REPLACEMENT TO ACHIEVE PROPER GRADE

7.CONTRACTOR SHALL PROVIDE THE DISTRICT WITH 24-HOUR EMERGENCY CONTACT INFORMATION (NAME, TITLE, TELEPHONE NUMBER) PRIOR TO START OF WORK.

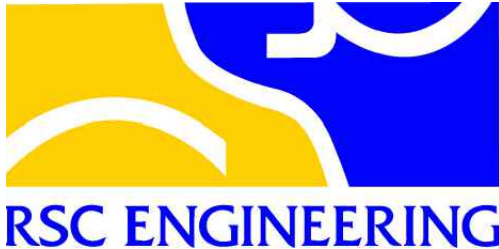
8.CONFINED SPACE ENTRY (SPMUD SEWER MANHOLES): IT IS THE OWNER / DEVELOPER'S RESPONSIBILITY AS HOST EMPLOYER TO HAVE A CONFINED SPACE ENTRY PROGRAM IN COMPLIANCE WITH THE REQUIREMENTS OF SECTIONS 5856-5859, OF TITLE 8, GENERAL INDUSTRIAL SAFETY ORDERS, CALIFORNIA CODE OF REGULATIONS. SPMUD'S EXISTING MANHOLES ARE "PERMIT REQUIRED" CONFINED SPACES. THE HOST EMPLOYER'S CONTRACTOR MUST STRICTLY CONFORM TO SPMUD'S PERMIT REQUIRED CONFINED SPACE PROGRAM IN ENTERING ANY SPMUD OWNED MANHOLE.

9.UPON PROJECT SEWER COMPLETION AND PRIOR TO FIELD FINAL, A FULL AND COMPLETE SET OF THE IMPROVEMENT PLAN DRAWINGS--AND SHOWING ALL AS-BUILT OR RECORD CHANGES TO THE SEWER--SHALL BE SUBMITTED TO SPMUD IN A DIGITAL VERSION ON CD OR DVD MEDIA IN AN ADOBE ACROBAT (PDF FILE) AND AUTOCAD 2004 FORMAT (EITHER DWG OF DXF FILE), AND BE ON THE FOLLOWING SPMUD COORDINATE SYSTEM: CALIFORNIA COORDINATE SYSTEM STATE PLANE ZONE 2, NAD 1983 (CONUS), US SURVEY FEET.

PROJECT NAME	DESIGNED: Z. ARTHUR				DATE
	DRAWN: Z. ARTHUR				BY
	CHECKED: J. VANDERPOST				REVISION
	APPROVED				NO.
					INITIALS
CITY OF ROCKLIN		SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS			
COMMUNITY DEVELOPMENT DEPARTMENT		DRAWING NAME NOTES SHEET 2			
		ROCKLIN COUNTY OF PLACER CALIFORNIA			



Know what's below.
Call before you dig.



RECORD DRAWINGS	
ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.	
PROJECT ENGINEER	DATE
RCE#	



SCALE: SEE SHEET
DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.:
C1.2
DRAWING: 3 OF 15



- NOTES**
1. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING BUILDING DEBRIS WITHIN CONSTRUCTION LIMITS
 2. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, FEATURES & FACILITIES NOT SCHEDULED FOR REMOVAL.
 3. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE IN KIND OR BETTER ANY UTILITIES, FEATURES & FACILITIES DAMAGED AS A RESULT OF THE PROPOSED CONSTRUCTION ACTIVITY.

- LEGEND & KEYNOTES**
- PROJECT LIMITS/LIMITS OF REMOVAL
 - REMOVE EXISTING AC PATH
 - TRENCHING LIMITS. REMOVE AND REPLACE ALL EXISTING FEATURES IMPACTED IN KIND
 - REMOVE EXISTING TENNIS COURT STRIPING. PROTECT EXISTING COURT PAVEMENT IN PLACE
 - REMOVE EXISTING TREE* (25 TOTAL)
 - REMOVE CONCRETE WALK
 - REMOVE EXISTING BUILDING DEBRIS, CONCRETE PAD OR FOOTING
 - REMOVE EXISTING STAIRS
 - REMOVE EXISTING RETAINING WALL
 - REMOVE EXISTING WOOD FENCING AS NEEDED.
 - REMOVE EXISTING ROCK BOULDERS.
 - REMOVE EXISTING TENNIS LIGHT FIXTURES. PROTECT EXISTING POLE IN PLACE. INSTALL UPDATED FIXTURES TO MATCH PROPOSED PICKLEBALL LIGHTING.
 - REMOVE AND REPLACE CHAIN LINK WITH CHAIN LINK TO MATCH PROPOSED PICKLEBALL FENCING. PROTECT EXISTING POLES AND FOOTINGS IN PLACE.
 - REMOVE EXISTING FENCING (POLES, CHAIN LINK, FOUNDATIONS) AND EXISTING LIGHT FIXTURES.
 - REMOVE EXISTING FDC AND LATERAL TO TEE AND INSTALL MANUFACTURE CAP AT END.
 - REMOVE EXISTING ABANDONED CONCRETE PATH COVERED IN BARK MULCH
 - REMOVE EXISTING RETAINING CURB
 - PROTECT EXISTING POWER POLE AND ANCHOR IN PLACE
 - PROTECT EXISTING TRANSFORMER AND EQUIPMENT IN PLACE
 - PROTECT EXISTING RETAINING WALL IN PLACE
 - PROTECT EXISTING RAILING IN PLACE
 - PROTECT EXISTING AC PATH IN PLACE
 - PROTECT EXISTING VALLEY GUTTER IN PLACE
 - PROTECT EXISTING CULVERT IN PLACE
 - PROTECT EXISTING WOOD POST AND RAIL FENCE IN PLACE
 - PROTECT EXISTING DRINKING FOUNTAIN IN PLACE
 - PROTECT EXISTING HYDRANT IN PLACE
 - PROTECT EXISTING DIRECTIONAL SIGN IN PLACE
 - PROTECT EXISTING WATER LINE IN PLACE
 - PROTECT EXISTING SEWER LINE IN PLACE
 - PROTECT EXISTING PEDESTRIAN BRIDGE IN PLACE
 - PROTECT EXISTING CREEK IN PLACE
 - PROTECT EXISTING ELECTRICAL BOX IN PLACE
 - PROTECT EXISTING TREE IN PLACE

RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

PROJECT ENGINEER _____ DATE _____

RCE# _____

DESIGNED:	BY:	REVISION:	NO.	DATE:
Z. ARTHUR				
DRAWN:	Z. ARTHUR			
CHECKED:	J. VANDERPOST			
APPROVED:				
INITIALS				

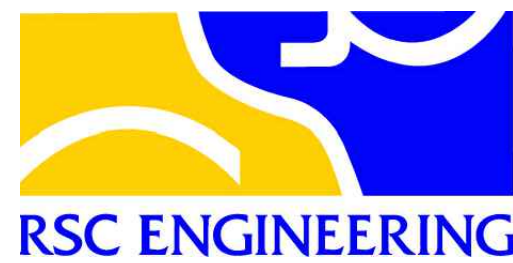
PROJECT NAME: **SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS**

DRAWING NAME: **EXISTING CONDITIONS AND DEMOLITION PLAN**

CITY OF ROCKLIN
COMMUNITY DEVELOPMENT DEPARTMENT

SCALE: SEE SHEET
DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.: **C2.0**
DRAWING: 4 OF 15

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PLOT DATE: Jan 14, 2026 - 11:39:39 AM



RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

PROJECT ENGINEER _____ DATE _____

RCE# _____

GRADING NOTES

1. ALL GRADING SHALL BE PERFORMED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT

2. TOP OF FOOTING SHALL BE 8" MIN BELOW BOTTOM OF WALL (BW) GRADE.

LEGEND

APPROX. WATER LINE OF CREEK

GRADING LIMITS

PROPOSED GRADE BREAK

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

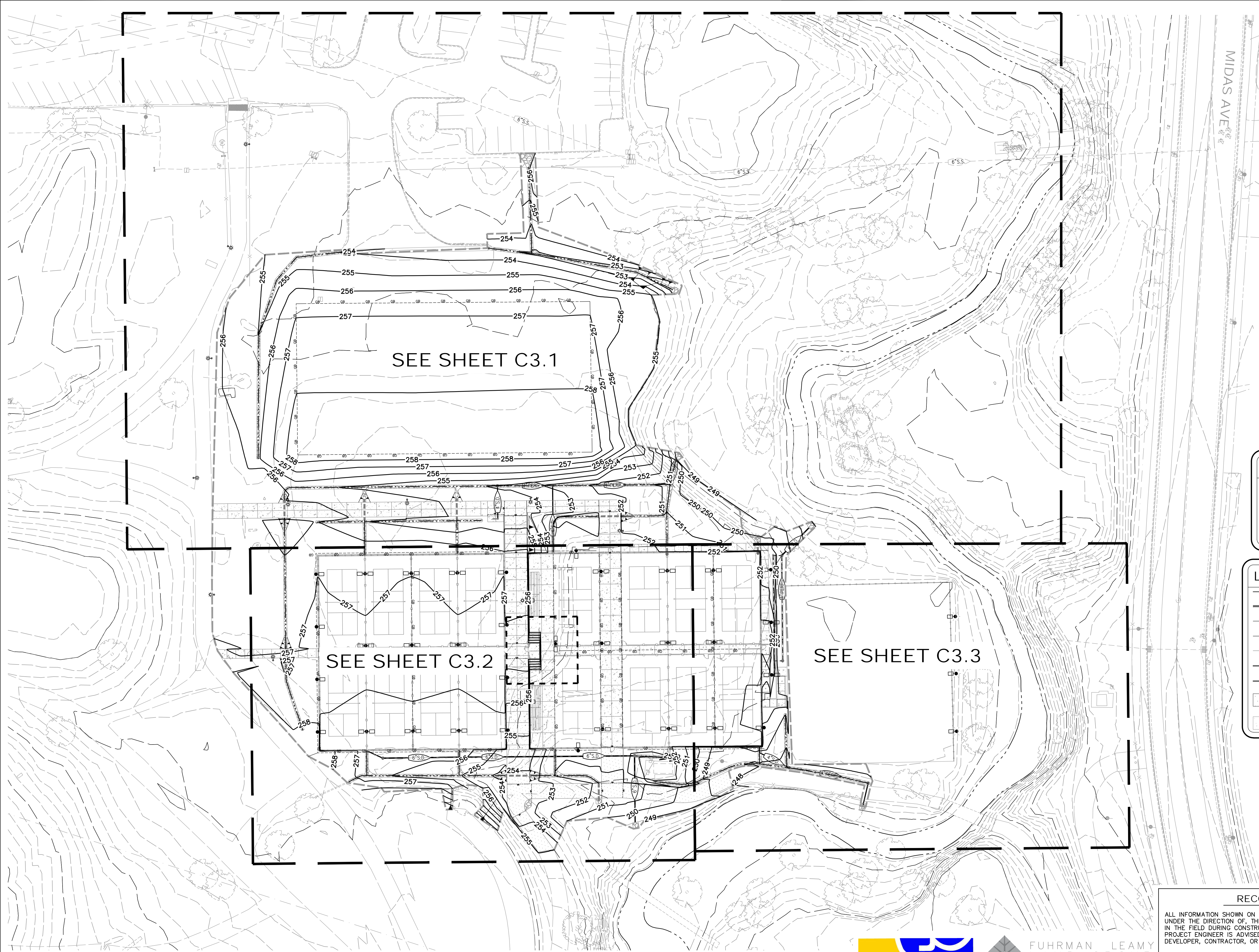
PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

INSTALL AC TRAIL (MATCH EXISTING SECTION)

CONSTRUCT SIDEWALK PER DETAIL 1/SHEET C6.0

PROJECT NAME SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	DESIGNED: Z. ARTHUR	NO.	REVISION	BY	DATE
	DRAWN: Z. ARTHUR				
	CHECKED: J. VANDERPOST				
	APPROVED: _____				
DRAWING NAME OVERALL GRADING PLAN	INITIALS				
	COUNTY OF PLACER CALIFORNIA				
CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT	ROCKLIN				
	SCALE: SEE SHEET				
	DATE: JANUARY 7, 2026				
SHEET NO.: C3.0	CITY PROJECT NO.:				
	DRAWING: 5 OF 15				

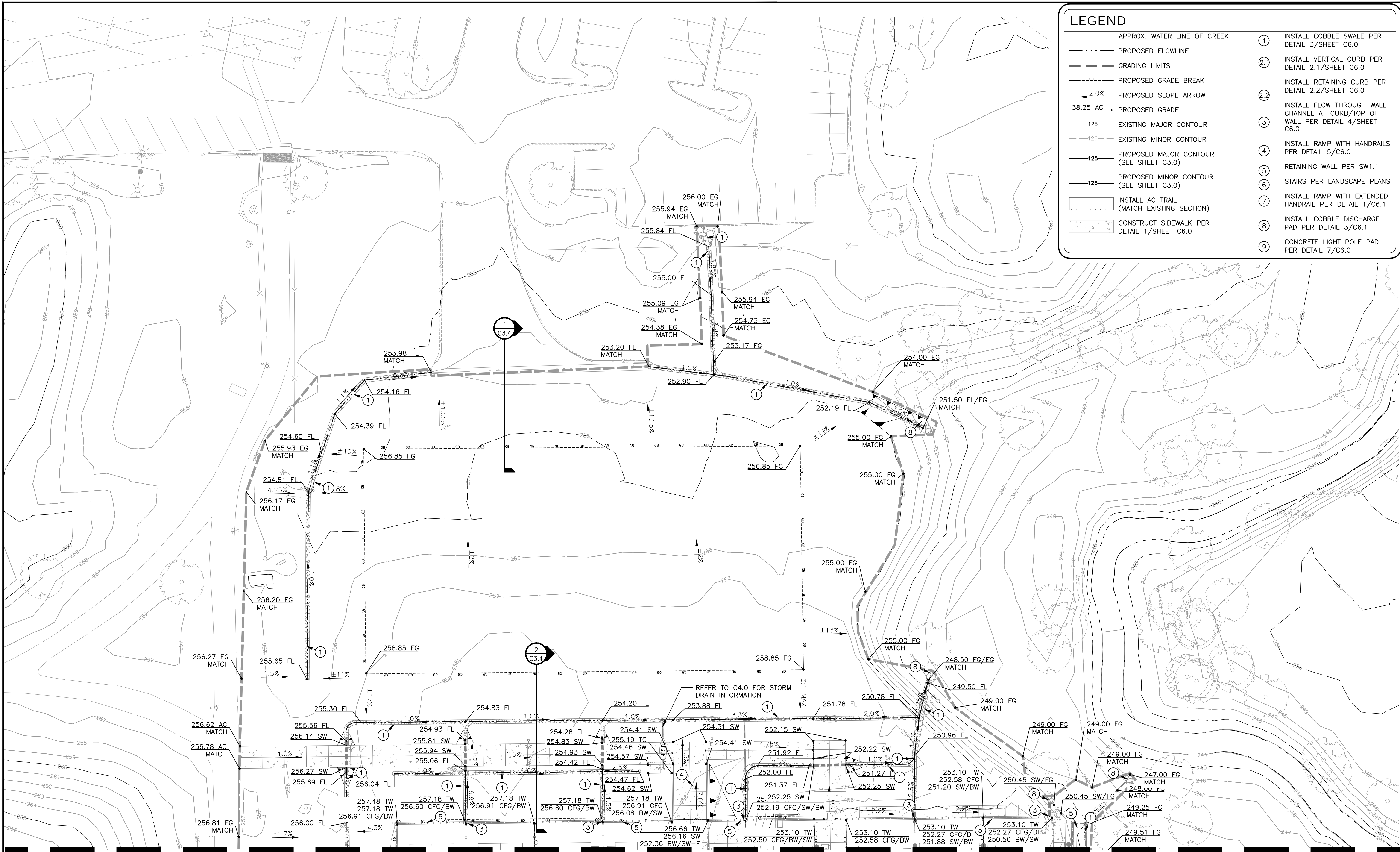


1 inch = 30 ft.

30 0 15 30 60

N





LEGEND

APPROX. WATER LINE OF CREEK

PROPOSED FLOWLINE

GRADING LIMITS

PROPOSED GRADE BREAK

2.0% PROPOSED SLOPE ARROW

38.25 AC PROPOSED GRADE

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

PROPOSED MAJOR CONTOUR (SEE SHEET C3.0)

PROPOSED MINOR CONTOUR (SEE SHEET C3.0)

INSTALL AC TRAIL (MATCH EXISTING SECTION)

CONSTRUCT SIDEWALK PER DETAIL 1/SHEET C6.0

1 INSTALL COBBLE SWALE PER DETAIL 3/SHEET C6.0

2 INSTALL VERTICAL CURB PER DETAIL 2.1/SHEET C6.0

2.2 INSTALL RETAINING CURB PER DETAIL 2.2/SHEET C6.0

3 INSTALL FLOW THROUGH WALL CHANNEL AT CURB/TOP OF WALL PER DETAIL 4/SHEET C6.0

4 INSTALL RAMP WITH HANDRAILS PER DETAIL 5/C6.0

5 RETAINING WALL PER SW1.1

6 STAIRS PER LANDSCAPE PLANS

7 INSTALL RAMP WITH EXTENDED HANDRAIL PER DETAIL 1/C6.1

8 INSTALL COBBLE DISCHARGE PAD PER DETAIL 3/C6.1

9 CONCRETE LIGHT POLE PAD PER DETAIL 7/C6.0

GRADING NOTES

1. ALL GRADING SHALL BE PERFORMED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT

2. TOP OF FOOTING SHALL BE 8" MIN BELOW BOTTOM OF WALL (BW) GRADE.

RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

PROJECT ENGINEER _____ DATE _____

RCE# _____

PROJECT NAME
**SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS**

DRAWING NAME
GRADING PLAN 1

DESIGNED: Z. ARTHUR

DRAWN: Z. ARTHUR

CHECKED: J. VANDERPOST

APPROVED: _____

NO. _____

REVISION _____

DATE _____

BY _____

INITIALS _____

CITY OF ROCKLIN

COMMUNITY DEVELOPMENT
DEPARTMENT

ROCKLIN

COUNTY OF PLACER

CALIFORNIA

SCALE: SEE SHEET

DATE: JANUARY 7, 2026

CITY PROJECT NO.:

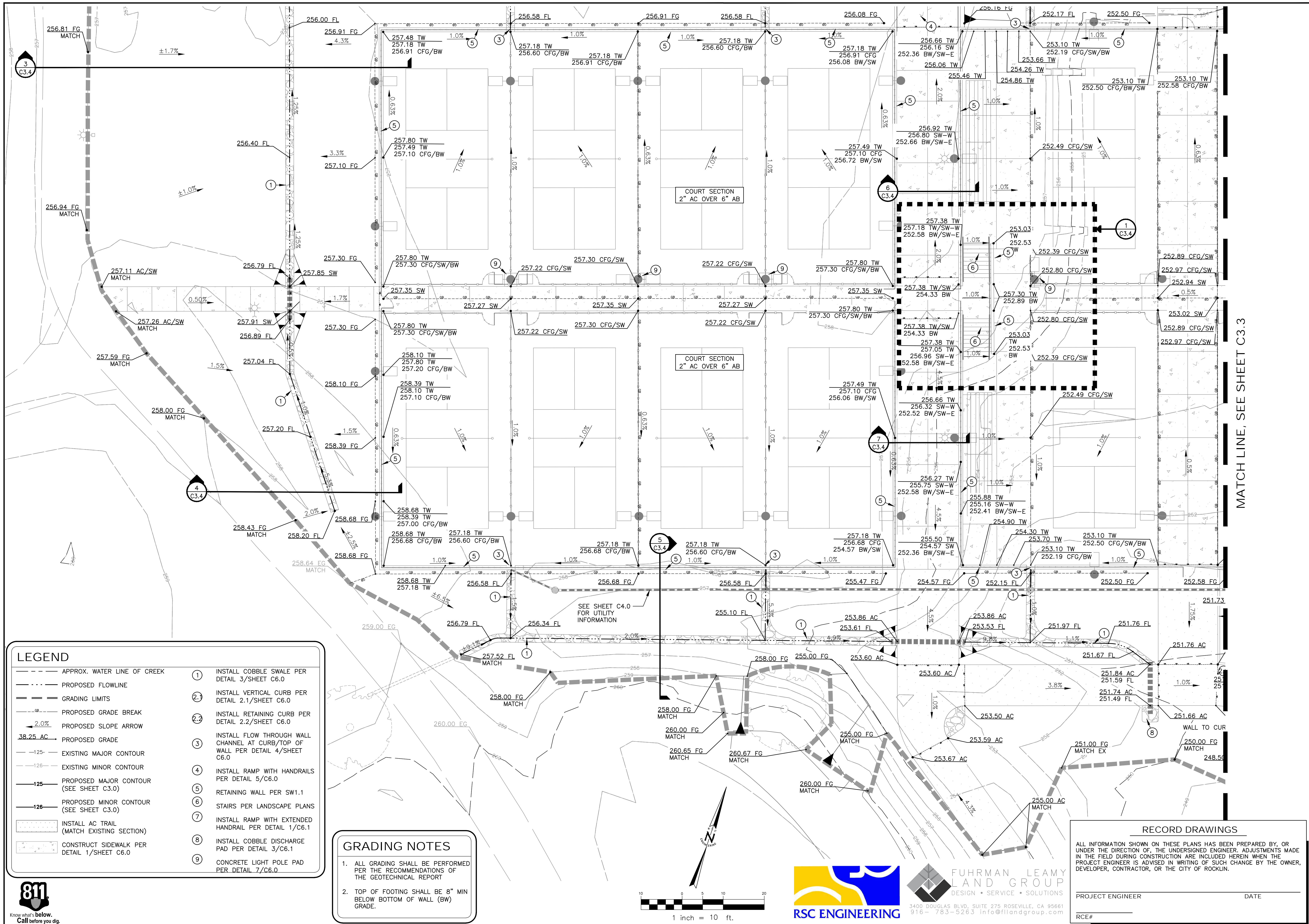
SHEET NO.:

C3.1

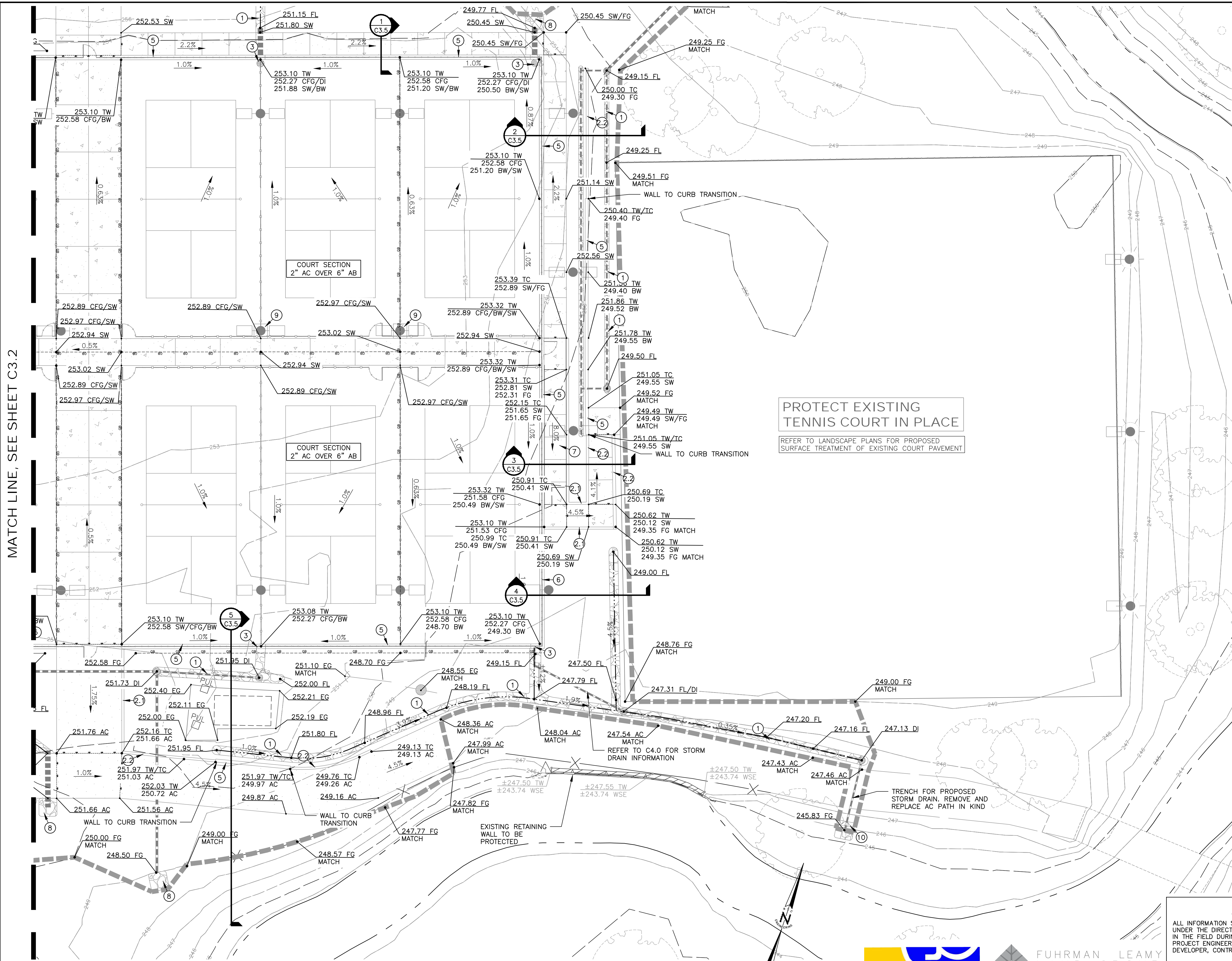
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6 OF 15

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MATCH LINE, SEE SHEET C3.2



LEGEND

- APPROX. WATER LINE OF CREEK
- PROPOSED FLOWLINE
- GRADING LIMITS
- PROPOSED GRADE BREAK
- PROPOSED SLOPE ARROW
- PROPOSED GRADE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR (SEE SHEET C3.0)
- PROPOSED MINOR CONTOUR (SEE SHEET C3.0)
- INSTALL AC TRAIL (MATCH EXISTING SECTION)
- CONSTRUCT SIDEWALK PER DETAIL 1/SHEET C6.0
- INSTALL COBBLE SWALE PER DETAIL 3/SHEET C6.0
- INSTALL VERTICAL CURB PER DETAIL 2.1/SHEET C6.0
- INSTALL RETAINING CURB PER DETAIL 2.2/SHEET C6.0
- INSTALL FLOW THROUGH WALL CHANNEL AT CURB/TOP OF WALL PER DETAIL 4/SHEET C6.0
- INSTALL RAMP WITH HANDRAILS PER DETAIL 5/C6.0
- STAIRS PER LANDSCAPE PLANS
- INSTALL RAMP WITH EXTENDED HANDRAIL PER DETAIL 1/C6.1
- INSTALL COBBLE DISCHARGE PAD PER DETAIL 3/C6.1
- CONCRETE LIGHT POLE PAD PER DETAIL 7/C6.0

GRADING NOTES

- ALL GRADING SHALL BE PERFORMED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT
- TOP OF FOOTING SHALL BE 8" MIN BELOW BOTTOM OF WALL (BW) GRADE.

RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

PROJECT ENGINEER _____ DATE _____

RCE# _____

PROJECT NAME
**SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS**

DRAWING NAME
GRADING PLAN 3

CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT

DESIGNED: Z. ARTHUR

DRAWN: Z. ARTHUR

CHECKED: J. VANDERPOST

APPROVED: _____

INITIALS

SCALE: SEE SHEET

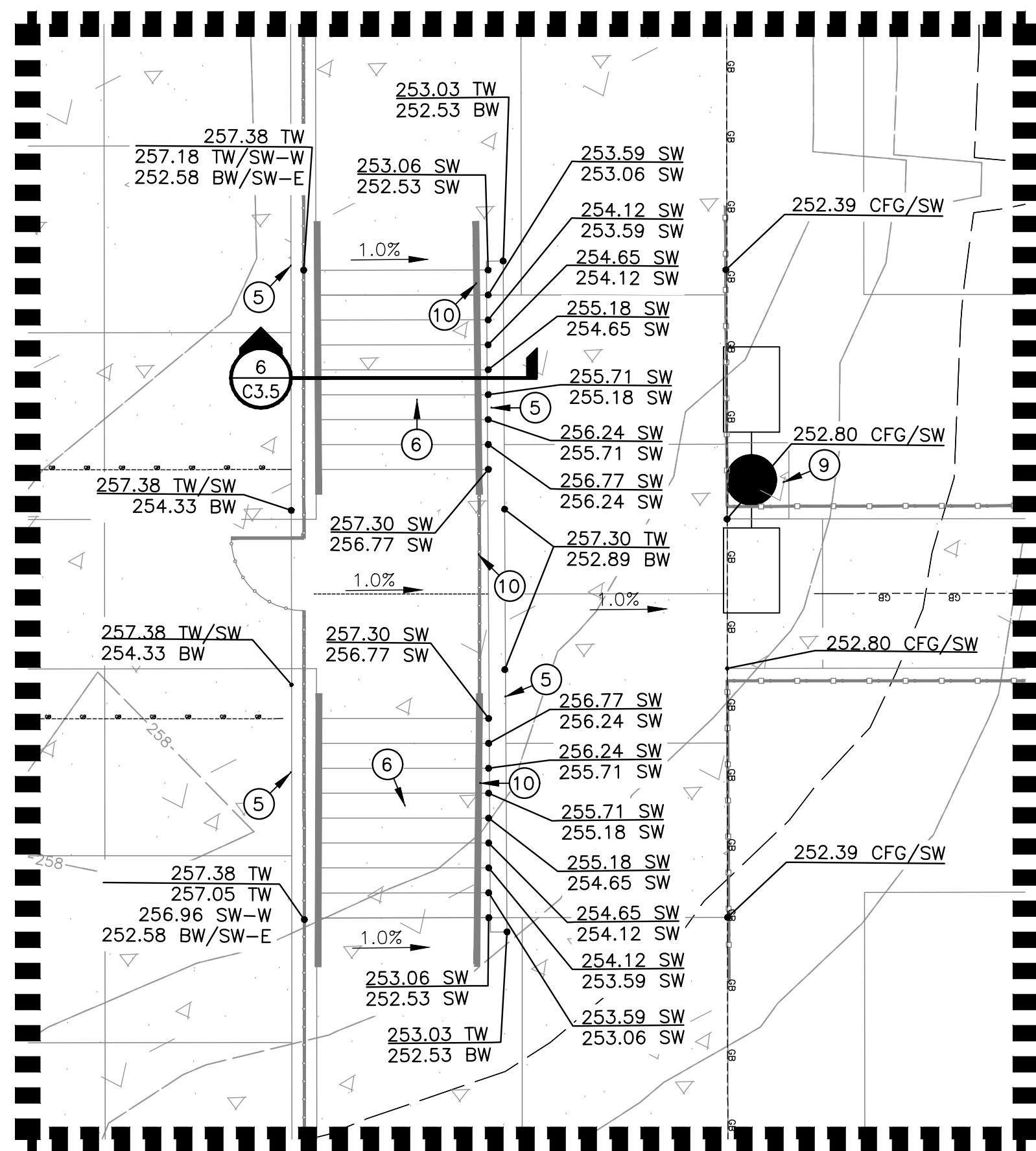
DATE: JANUARY 7, 2026

CITY PROJECT NO.:

SHEET NO.: **C3.3**

DRAWING: 8 OF 15

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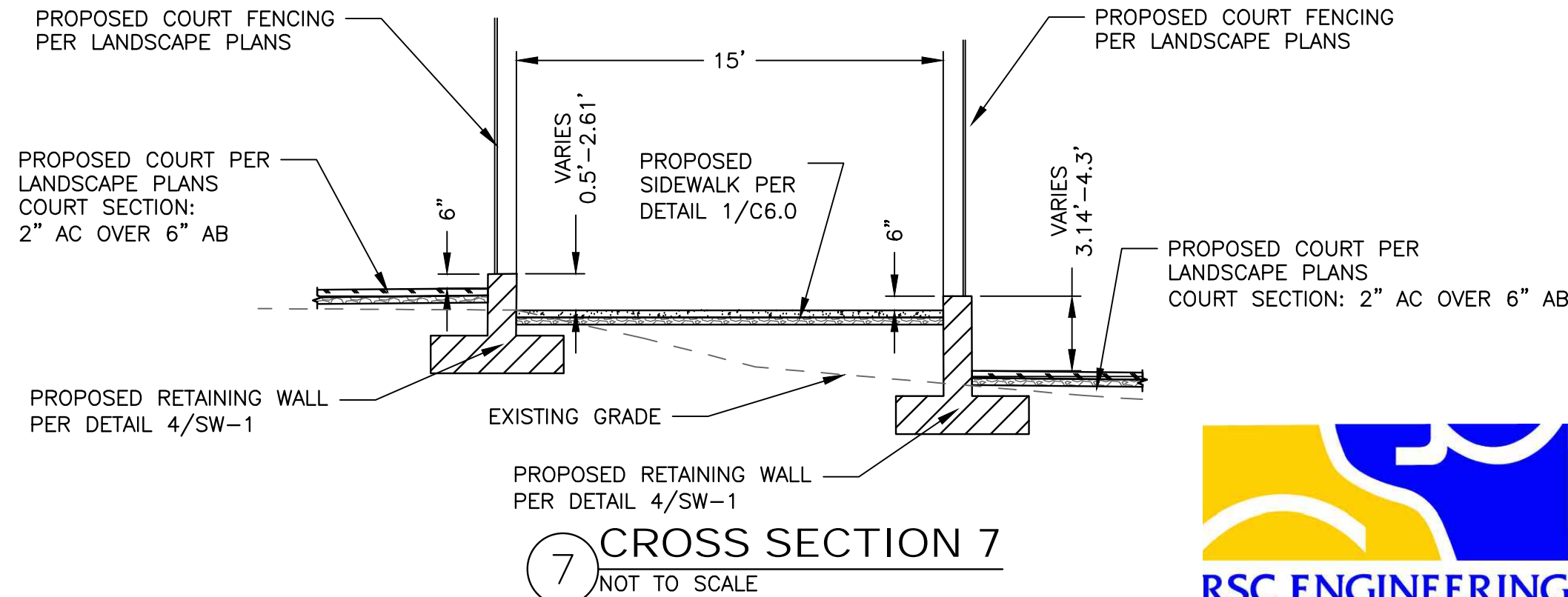
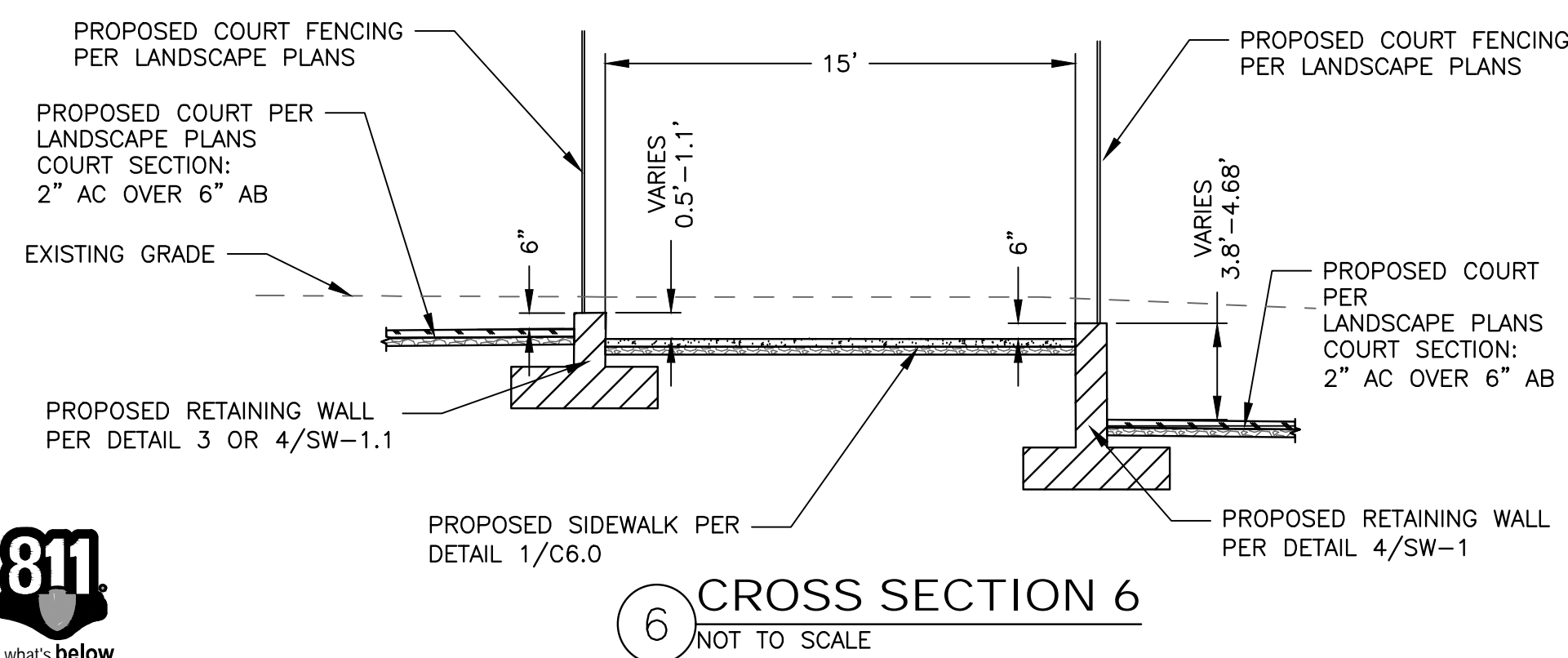
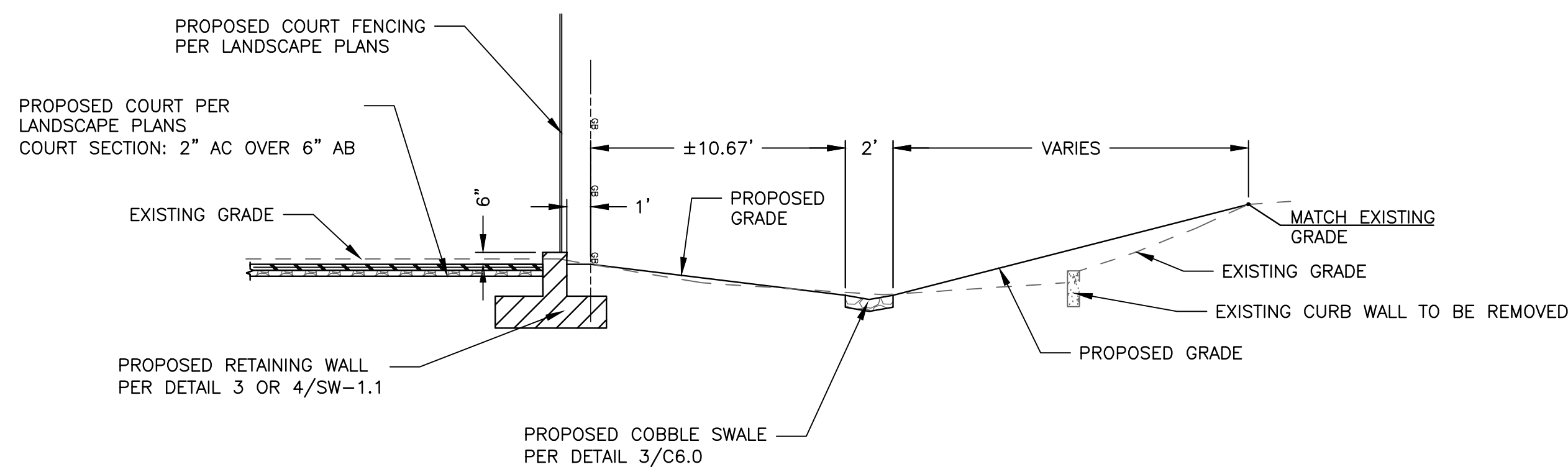
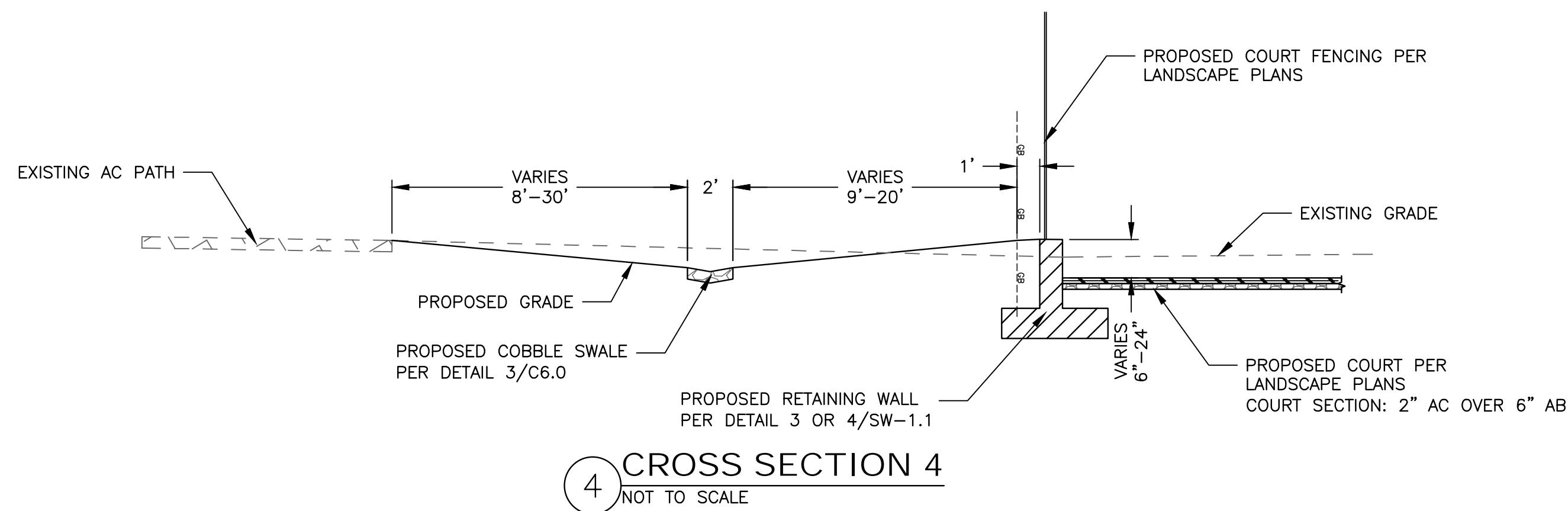
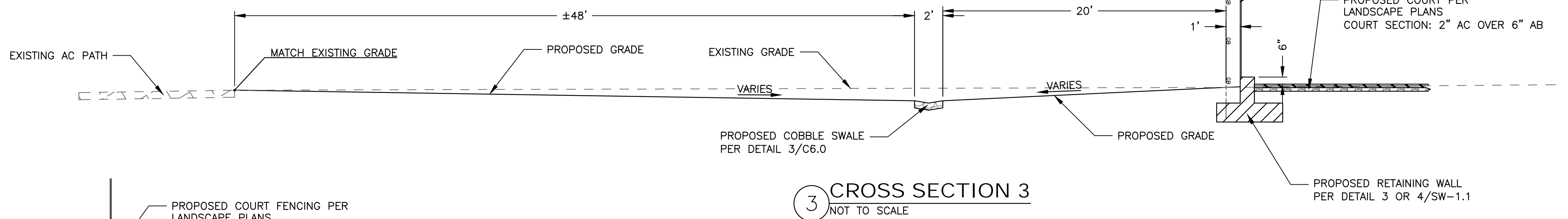
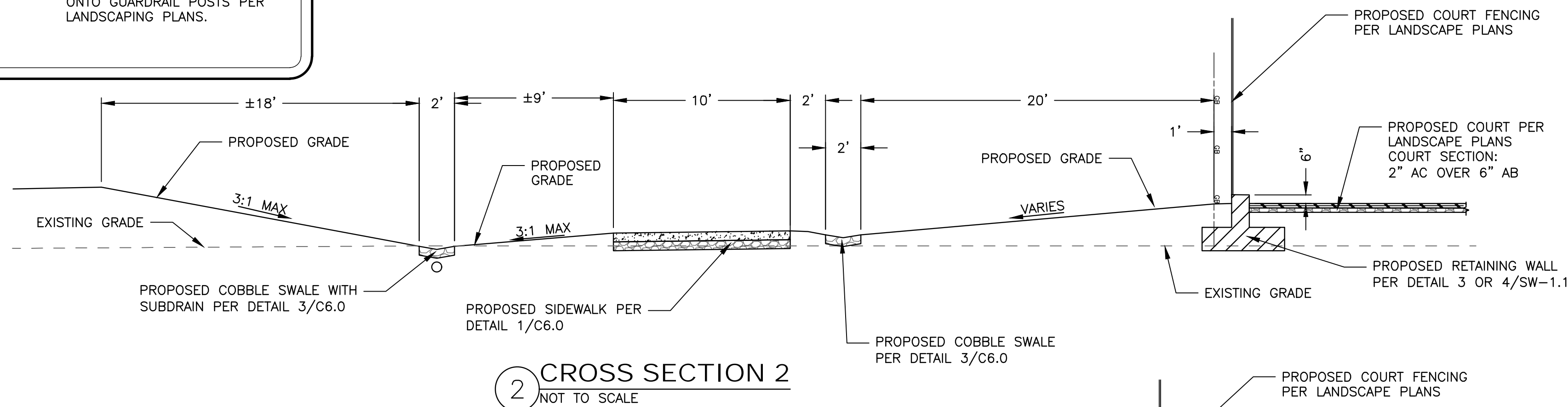
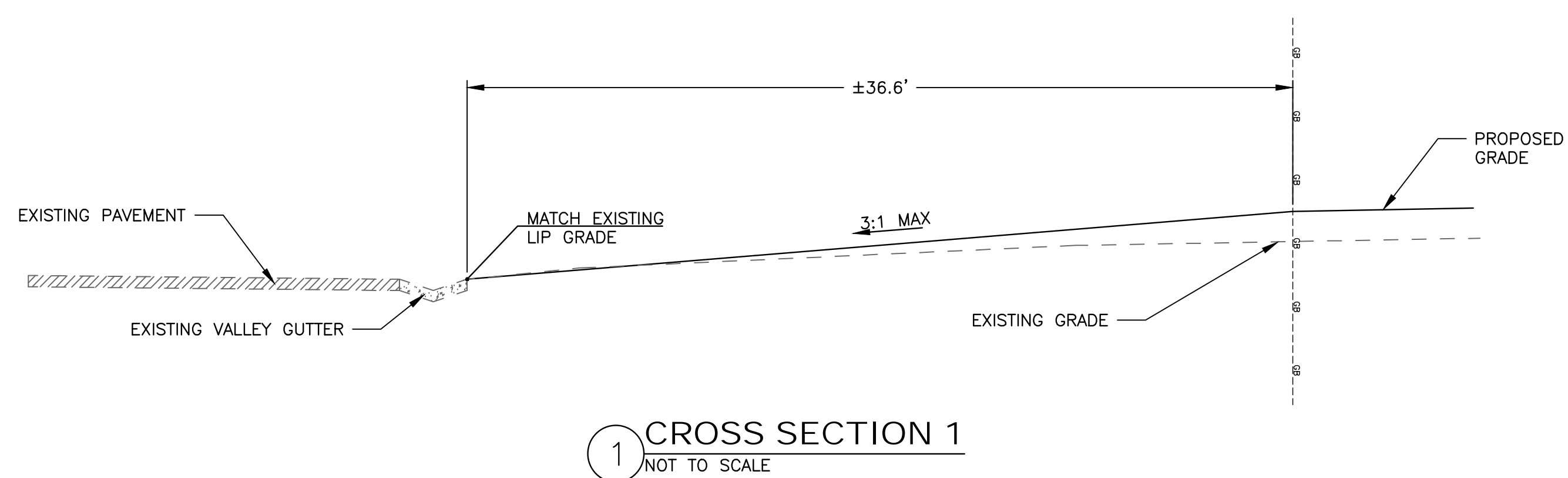
1 STAIR GRADING ENLARGMENT
1:5

NOTE:
TOP OF FENCING SHALL BE AT ONE CONTINUOUS ELEVATION. PROFILE ELEVATION OF FENCING SHALL BE VERIFIED AND ACCEPTED BY CITY REPRESENTATIVE PRIOR TO FABRICATION.

LEGEND

- APPROX. WATER LINE OF CREEK
- GRADING LIMITS
- PROPOSED GRADE BREAK
- 2.0% PROPOSED SLOPE ARROW
- 38.25 AC PROPOSED GRADE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PAD LIMIT LINE
- INSTALL AC TRAIL (MATCH EXISTING SECTION)
- CONSTRUCT SIDEWALK PER DETAIL 1/SHEET C6.0
- INSTALL COBBLE SWALE PER DETAIL 3/SHEET C6.0
- INSTALL VERTICAL CURB PER DETAIL 2/SHEET C6.0

- INSTALL FLOW THROUGH WALL CHANNEL AT CURB/TOP OF WALL PER DETAIL 4/SHEET C6.0
- INSTALL RAMP WITH HANDRAILS PER DETAIL 5/C6.0
- RETAINING WALL PER SW1.1
- STAIRS WITH MOUNTED HANDRAIL PER LANDSCAPE PLANS
- INSTALL RAMP WITH EXTENDED HANDRAIL PER DETAIL 1/C6.1
- INSTALL COBBLE DISCHARGE PAD PER DETAIL 3/C6.1
- CONCRETE LIGHT POLE PAD PER DETAIL 7/C6.0
- INSTALL METAL GUARDRAIL PER LANDSCAPE PLANS. CONTRACTOR SHALL FASTEN STAIR HANDRAIL ONTO GUARDRAIL POSTS PER LANDSCAPING PLANS.



RECORD DRAWINGS

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PROJECT ENGINEER _____ DATE _____

RCE# _____

DESIGNED BY	DATE
Z. ARTHUR	
DRAWN BY	DATE
Z. ARTHUR	
CHECKED BY	DATE
J. VANDERPOST	
APPROVED BY	DATE
INITIALS	DATE

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

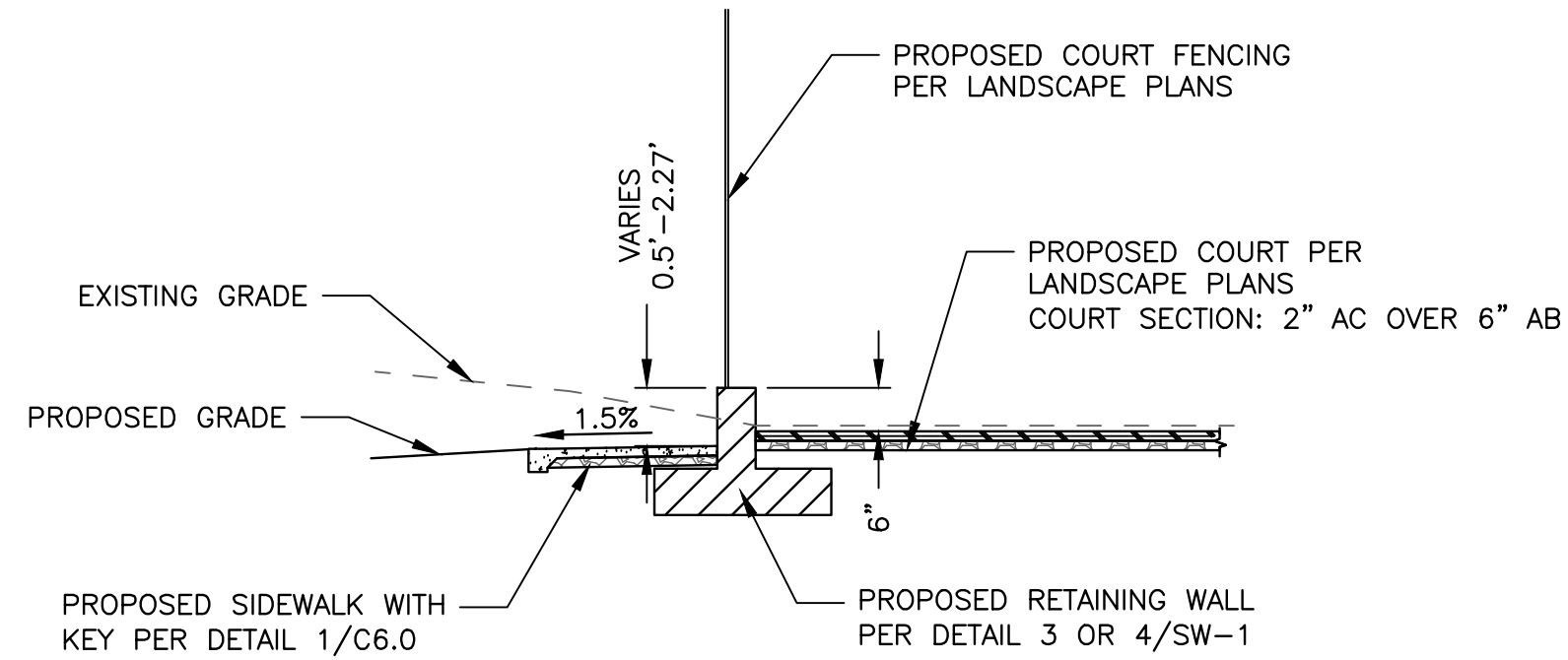
DRAWING NAME
GRADING SECTIONS 1

CITY OF ROCKLIN
COUNTY OF PLACER
CALIFORNIA

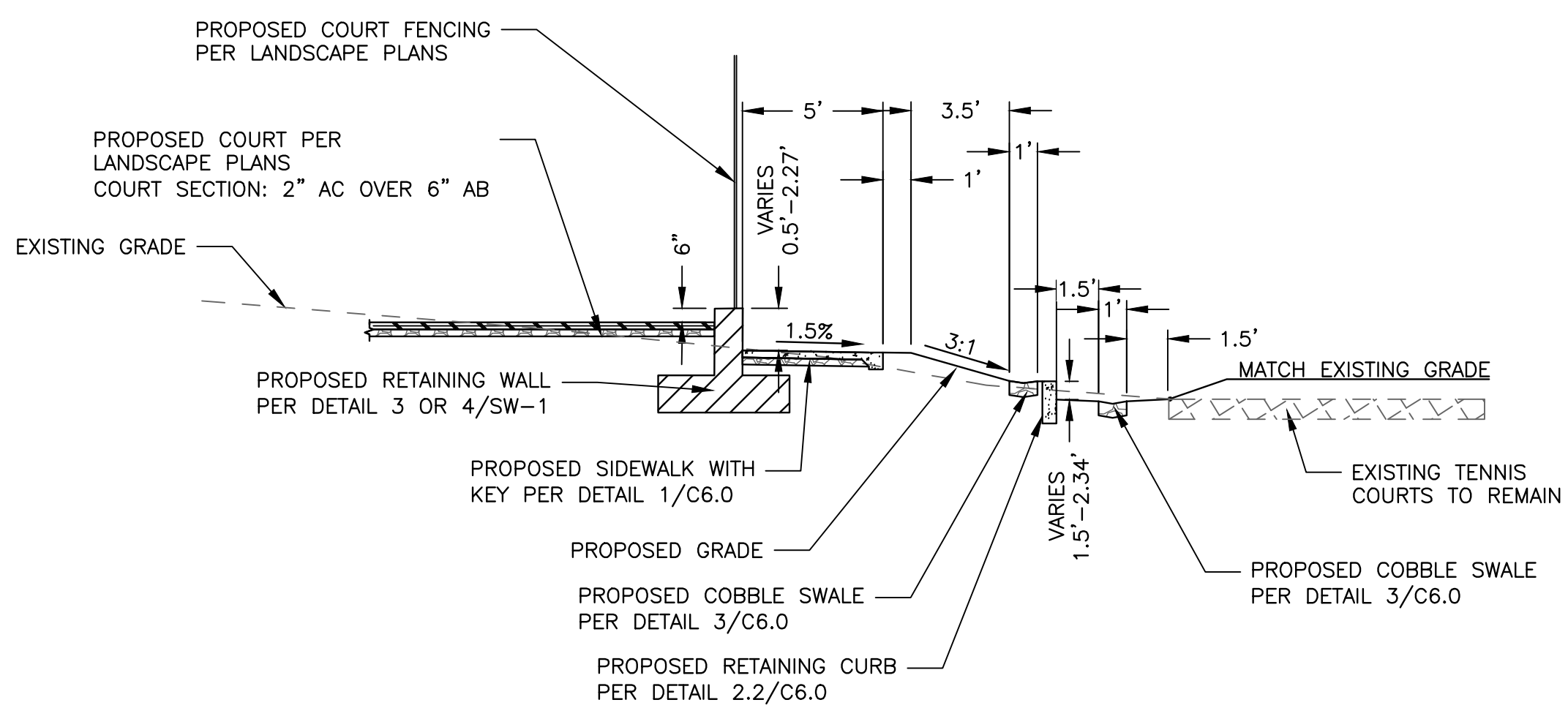


CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT

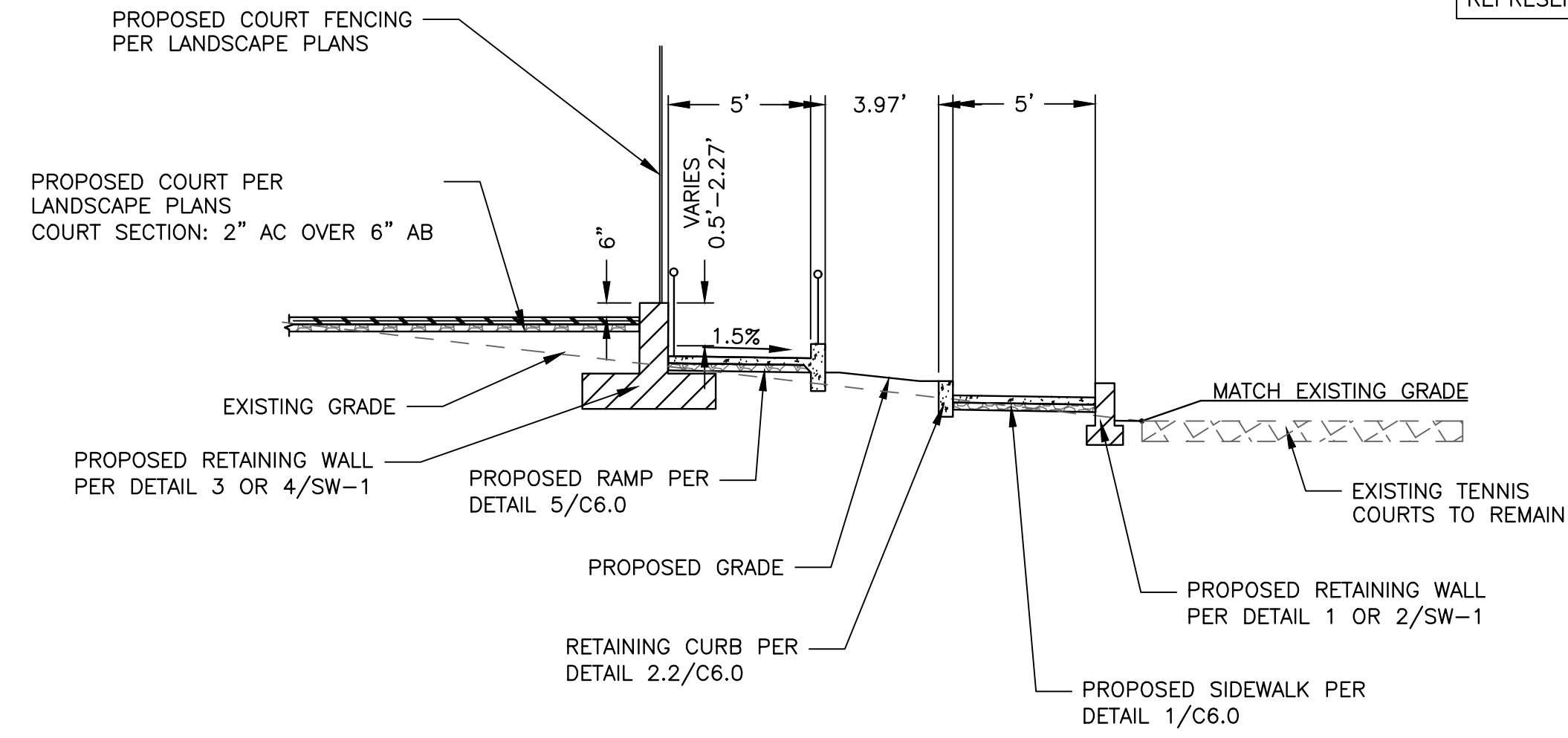
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DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.: C3.4
DRAWING: 9 OF 15



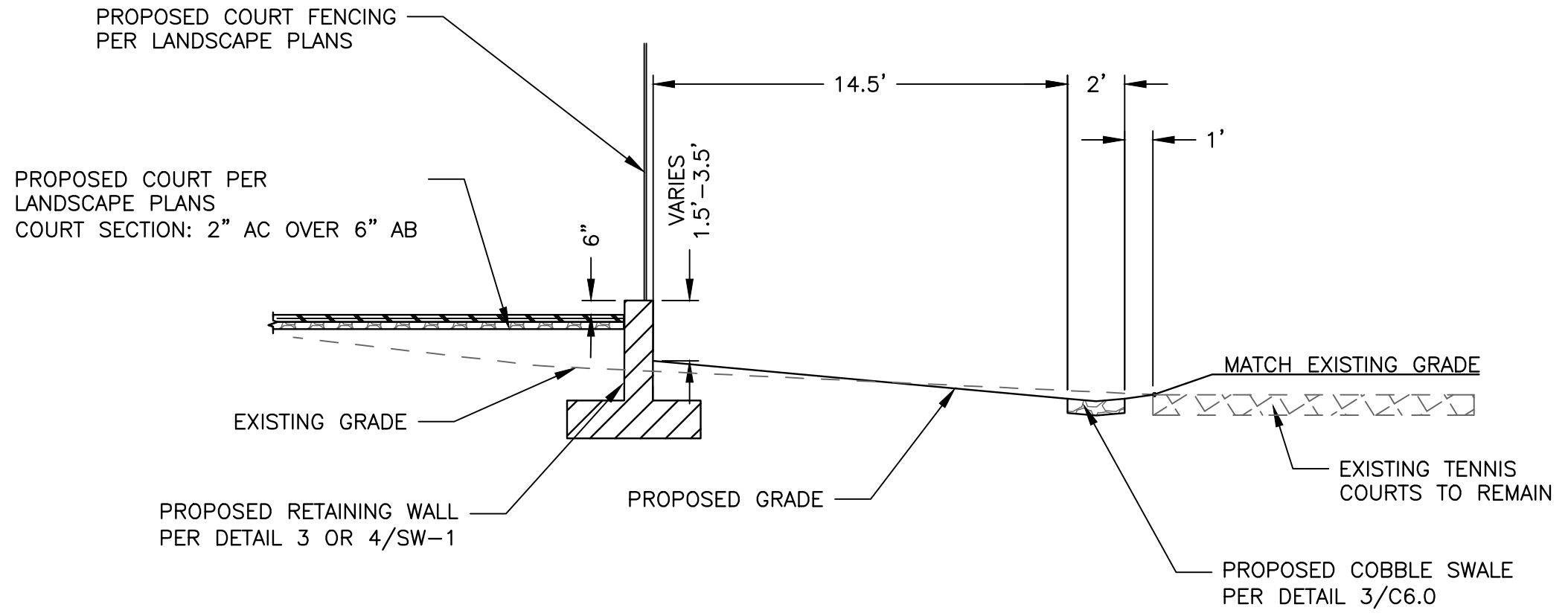
1 CROSS SECTION 1
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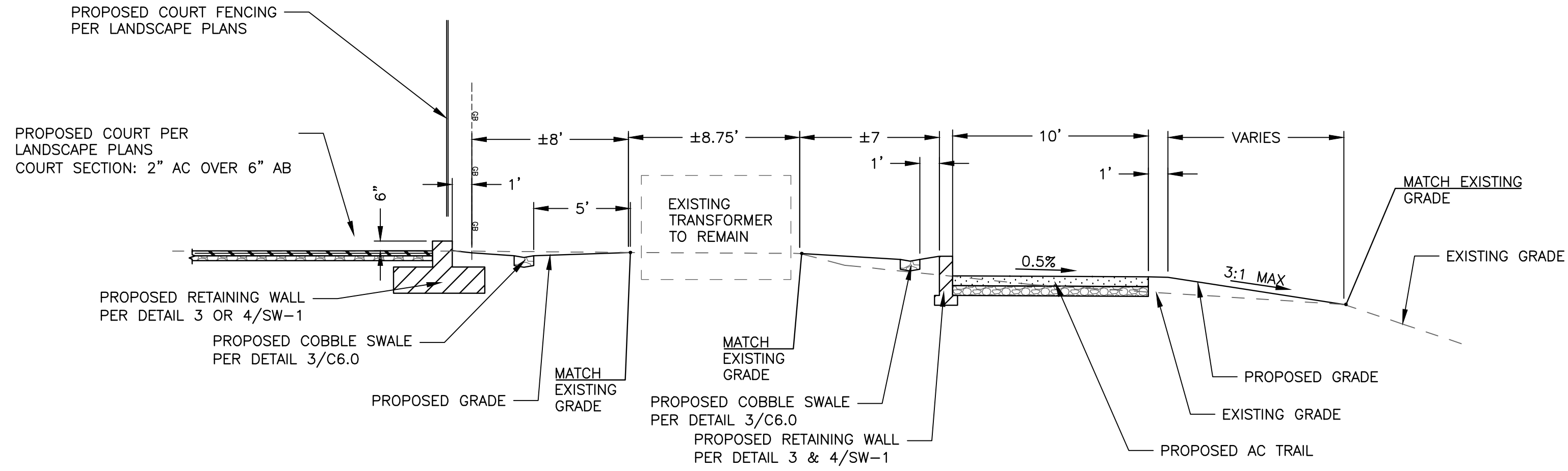
2 CROSS SECTION 2
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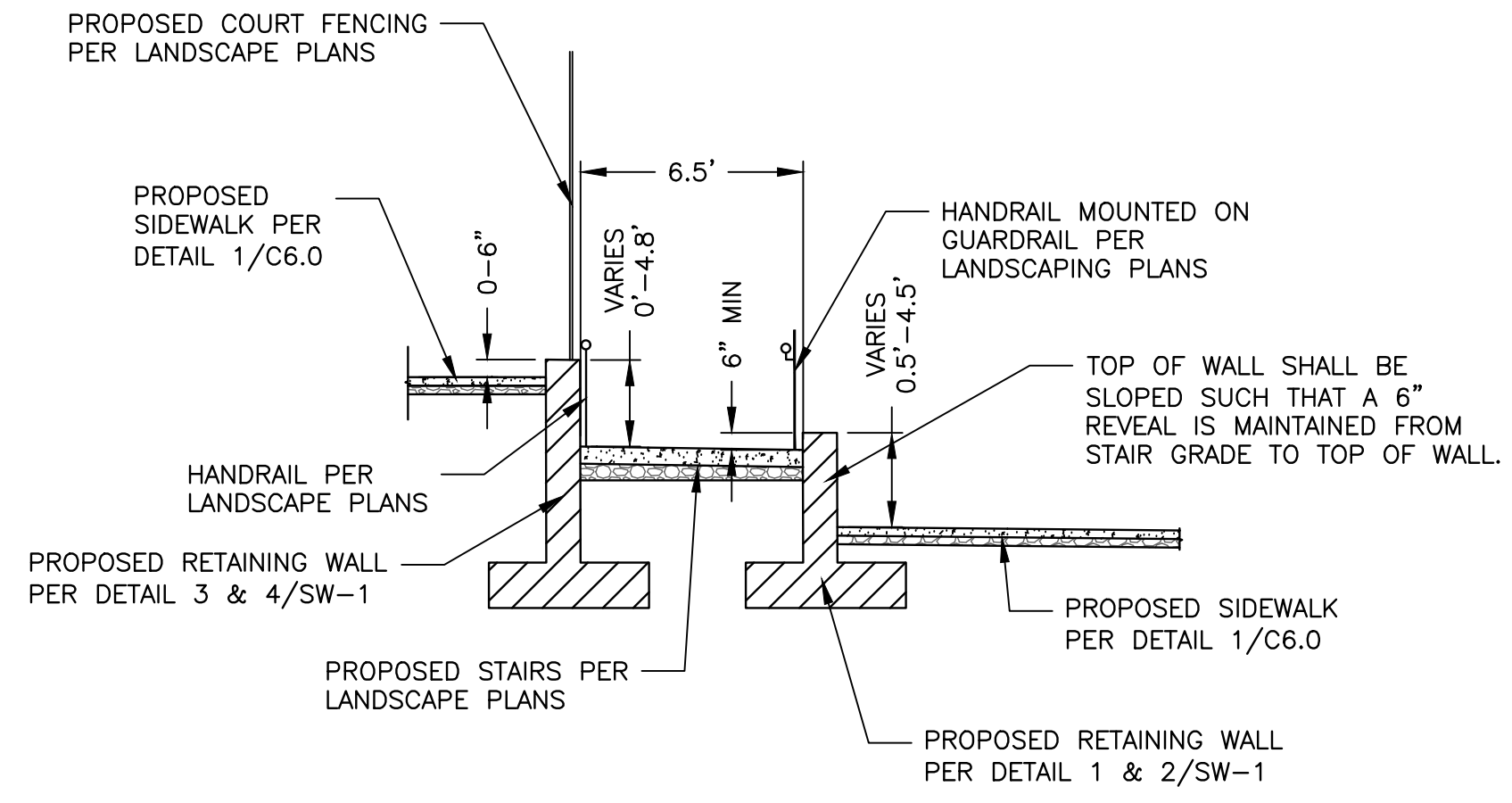
3 CROSS SECTION 3
NOT TO SCALE



4 CROSS SECTION 4
NOT TO SCALE



5 CROSS SECTION 5
NOT TO SCALE



6 CROSS SECTION 6
NOT TO SCALE

NOTE:
TOP OF FENCING SHALL BE AT ONE CONTINUOUS ELEVATION. PROFILE ELEVATION OF FENCING SHALL BE VERIFIED AND ACCEPTED BY CITY REPRESENTATIVE PRIOR TO FABRICATION.

RECORD DRAWINGS

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PROJECT ENGINEER _____ DATE _____

RCE# _____

DESIGNED:	DRAWN:	CHECKED:	APPROVED:	INITIALS
Z. ARTHUR	Z. ARTHUR	J. VANDERPOST		

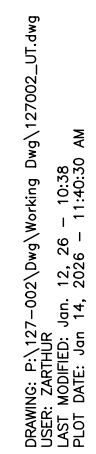
PROJECT NAME	DRAWING NAME
SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	GRADING SECTIONS 2



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT

SCALE: SEE SHEET
DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.: C3.5
DRAWING: 10 OF 15





Drawing: P:\127-002Dwg\Working Dwg\127002_EC.dwg
User: RSC/EC Jan 12, 26 - 10:40
Plot Date: Jan 14, 2026 - 11:40:48 AM



EROSION CONTROL NOTES

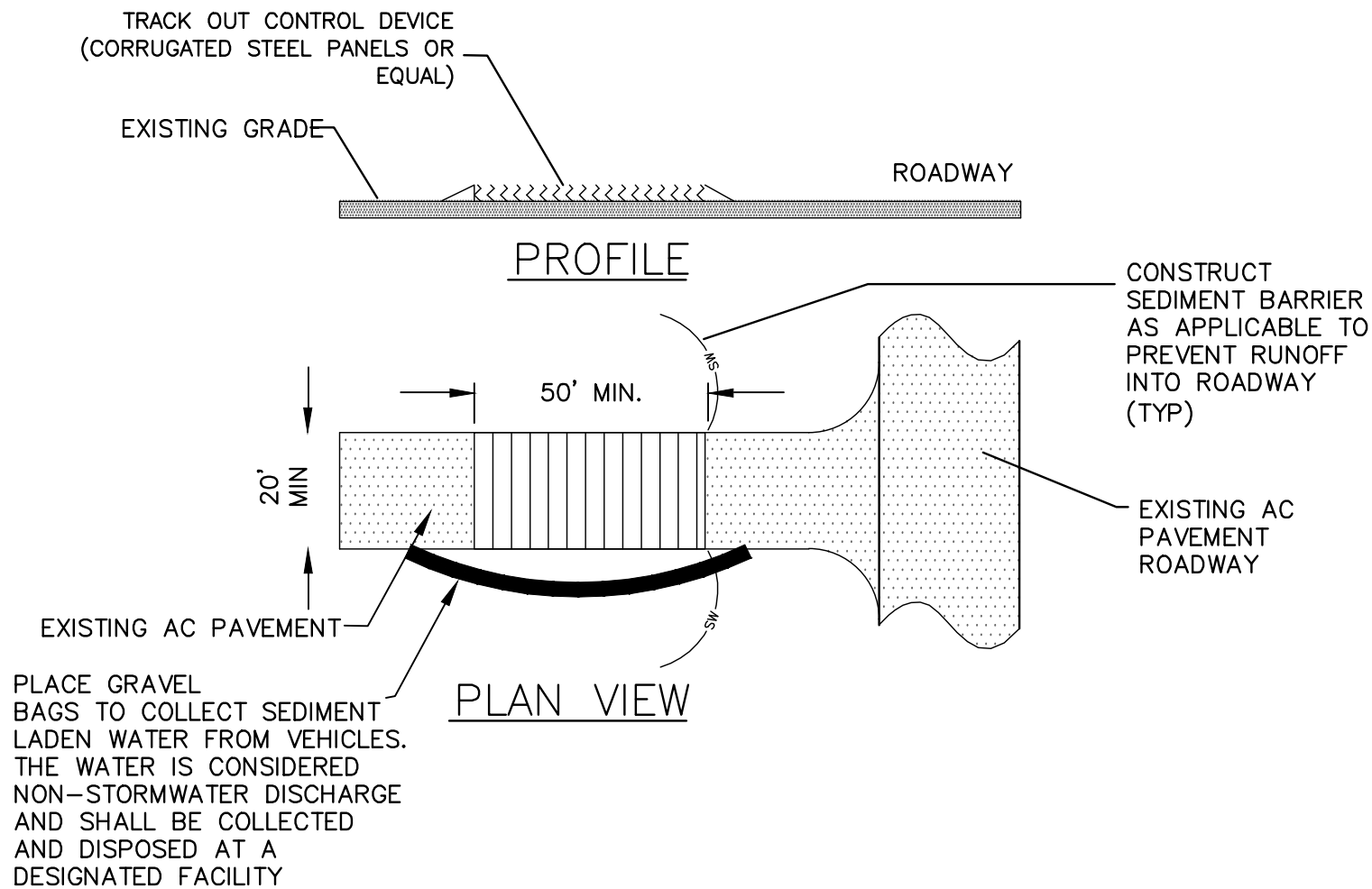
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITION OF THE CITY OF ROCKLIN IMPROVEMENT STANDARDS.
- EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). SEDIMENT CONTROL BMP'S SHALL BE INSTALLED AND MAINTAINED YEAR ROUND.
- ALL DRAINAGE INLETS IMMEDIATELY DOWN STREAM OF THE WORK AREAS AND WITHIN THE WORK AREAS SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS YEAR ROUND. INLET FILTER BAGS SHALL BE REMOVED FROM THE DRAINAGE INLETS UPON ACCEPTANCE OF THE PUBLIC IMPROVEMENTS BY THE CITY.
- ALL STABILIZED CONSTRUCTION ENTRANCES LOCATIONS SHALL BE CONSTRUCTED WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR ROUND BASIS UNTIL THE COMPLETION OF CONSTRUCTION.
- ALL AREAS DISTURBED DURING CONSTRUCTION BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION AT ALL TIMES. HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION MEASURE.
- SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMP'S SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.
- SEDIMENT CONTROL BMP'S SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMP'S SHALL BE MAINTAINED YEAR ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
- EROSION AND SEDIMENT CONTROL MEASURES FOR THE PROJECT SHALL BE IN SUBSTANTIAL COMPLIANCE AT ALL TIMES WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH THE STATE OF CALIFORNIA GENERAL CONSTRUCTION PERMIT. THIS PERMIT REQUIRES THAT THE SWPPP IS TO BE AVAILABLE ON SITE AT ALL TIMES FOR REVIEW BY STATE AND LOCAL INSPECTORS.
- EFFECTIVE EROSION CONTROL BMP'S SHALL BE IN PLACE PRIOR TO ANY STORM EVENTS.
- SWPPP SHALL BE PREPARED BY A QSD, AND MAINTAINED BY A QSP.

DUST CONTROL NOTES

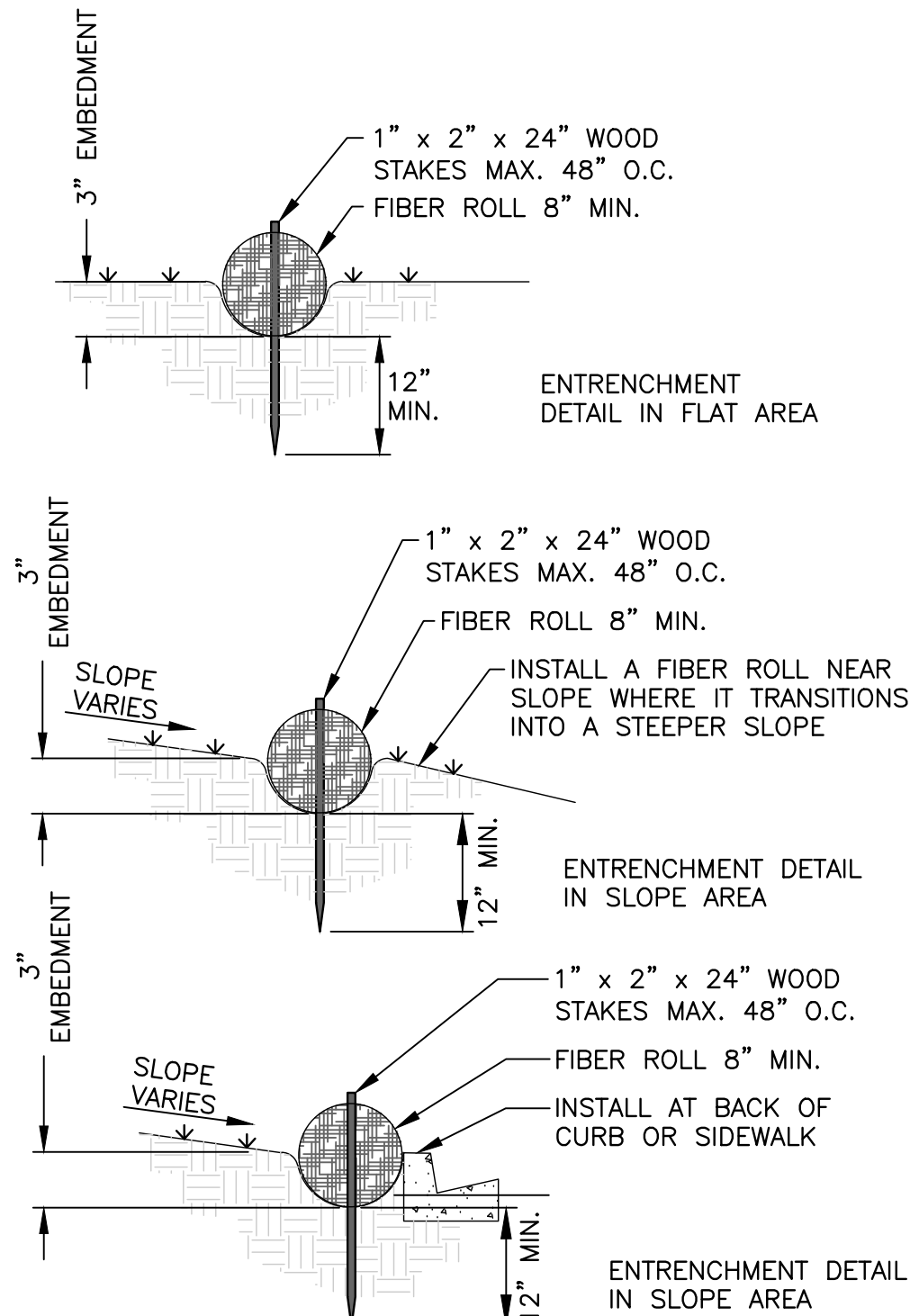
- WATER SHALL BE SUPPLIED AND APPLIED IN SUFFICIENT QUANTITY AND COVERAGE OF DISTURBED AREAS TO MINIMIZE DUST EMISSIONS. ALL VISIBLY DRY DISTURBED SOIL SURFACE AREAS OF OPERATION SHALL BE WATERED TO MINIMIZE DUST EMISSIONS.
- HAUL VEHICLES EMPLOYED IN TRANSPORTING IMPORTED BORROW, SURPLUS EXCAVATED MATERIAL, SOIL OR SOIL AMENDMENTS INTO OR OUT OF THE PROPERTY SHALL BE COVERED.
- WHERE SOIL IS TRACKED ONTO EXISTING PAVED ROADWAYS BY CONSTRUCTION OR OTHER VEHICLES, SUCH ROADWAYS SHALL BE IMMEDIATELY CLEANED BY HAND TOOLS, WET-SWEEPING OR OTHER ACCEPTABLE METHODS TO MINIMIZE DUST EMISSIONS.
- ALL VEHICLES AND EQUIPMENT, INCLUDING EMPLOYEE VEHICLES AND EQUIPMENT AND MATERIALS DELIVERY VEHICLES, SHALL BE OPERATED AT SPEEDS THAT MINIMIZE DUST EMISSIONS.
- DESIGNATED PARKING AND STAGING AREAS SHOWN ON THE PLANS SHALL BE USED FOR CONSTRUCTION EMPLOYEE PARKING TO MINIMIZE EMISSIONS.
- THE CONSTRUCTION ENTRANCES SHALL BE STABILIZED AS SHOWN ON THE PLANS AND AS RECOMMENDED IN THE STORM WATER POLLUTION PREVENTION PLAN.
- SOIL STOCKPILES SHALL BE COVERED, WATERED OR OTHERWISE STABILIZED TO MINIMIZE DUST EMISSIONS.

CONSTRUCTION ENTRANCE NOTES:

- LENGTH - AS EFFECTIVE, BUT NO LESS THAN 50' FEET.
- WIDTH - MIN. 20' OR NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC ROADWAYS. THIS MAY REQUIRE PERIODIC SWEEPING/CLEANING AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO ROADWAY SHALL BE REMOVED IMMEDIATELY.
- INSTALLATION - DEVICE SHALL BE SECURELY PLACED AT ENTRANCE/EXIT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO PREVENT MOVEMENT WHEN IN USE. ANY DAMAGE TO THE EXISTING PAVED SURFACE SHALL BE REPAIRED TO THE ORIGINAL OR BETTER CONDITION.
- ALL PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.



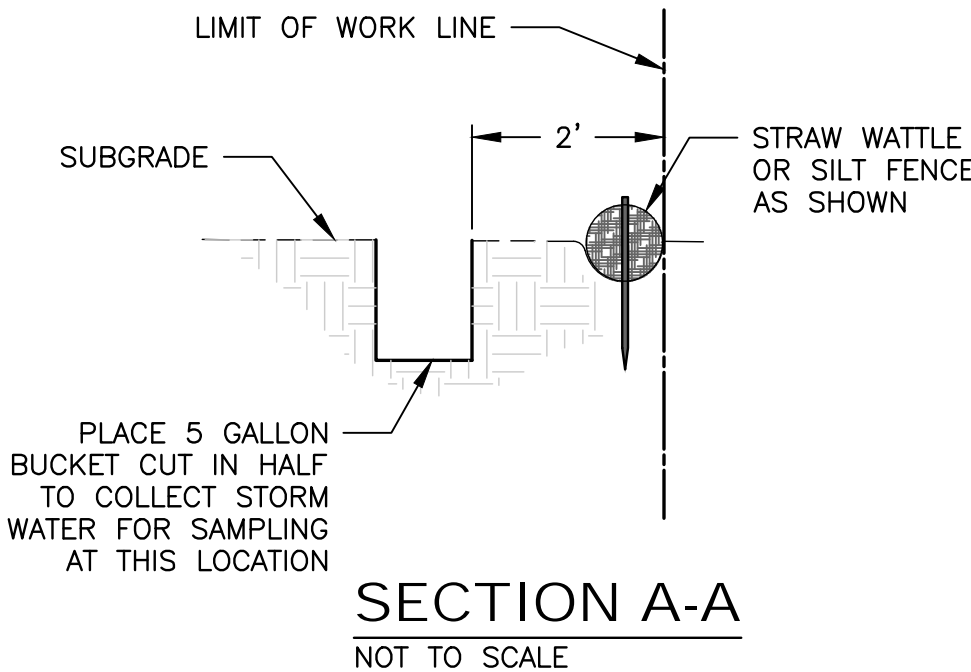
1 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



2.1 STRAW WATTLE
NOT TO SCALE



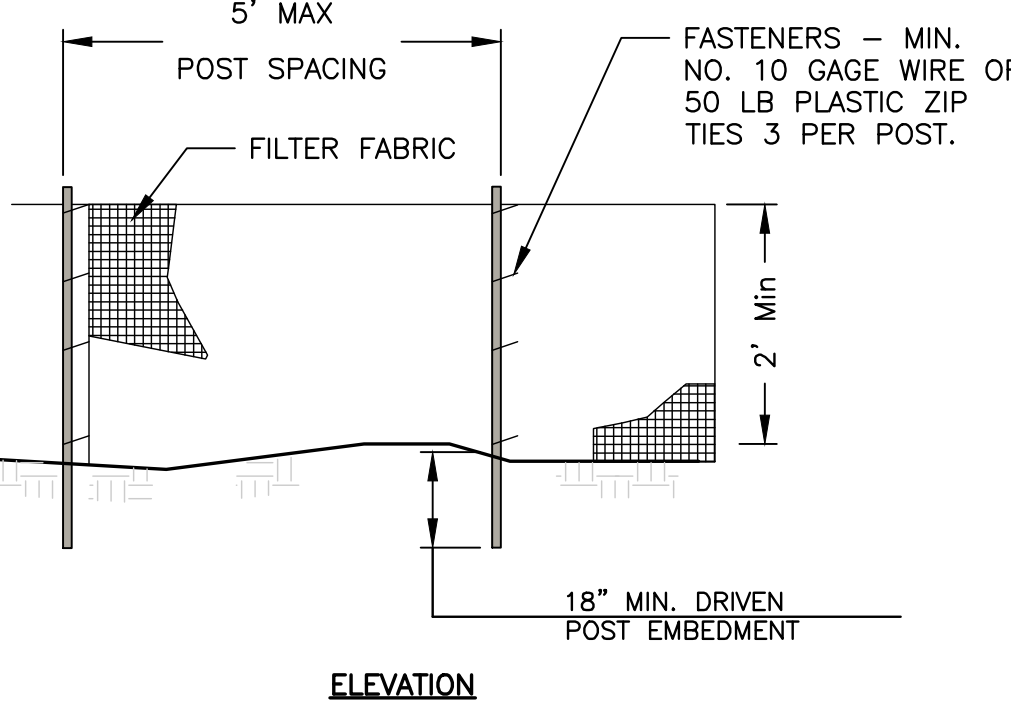
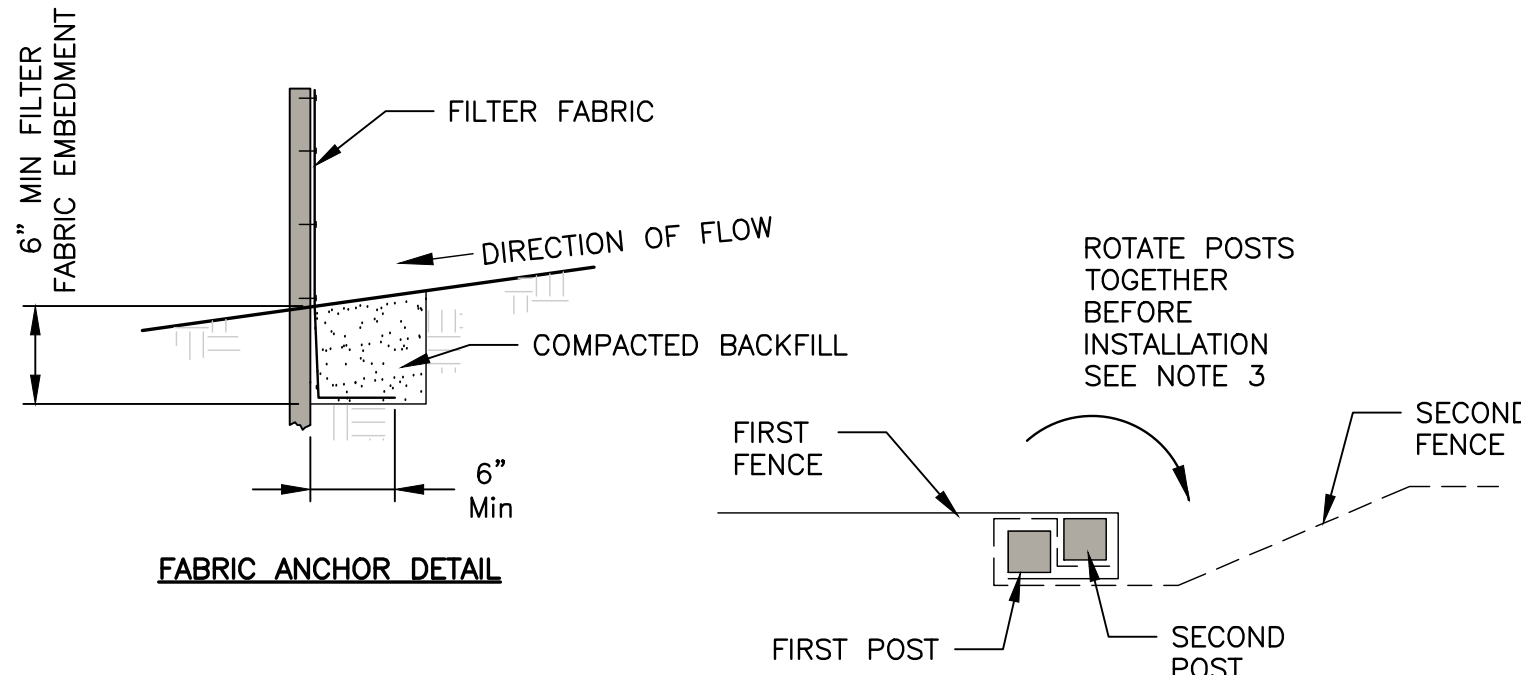
3 TEMP. CONCRETE WASHOUT
NOT TO SCALE



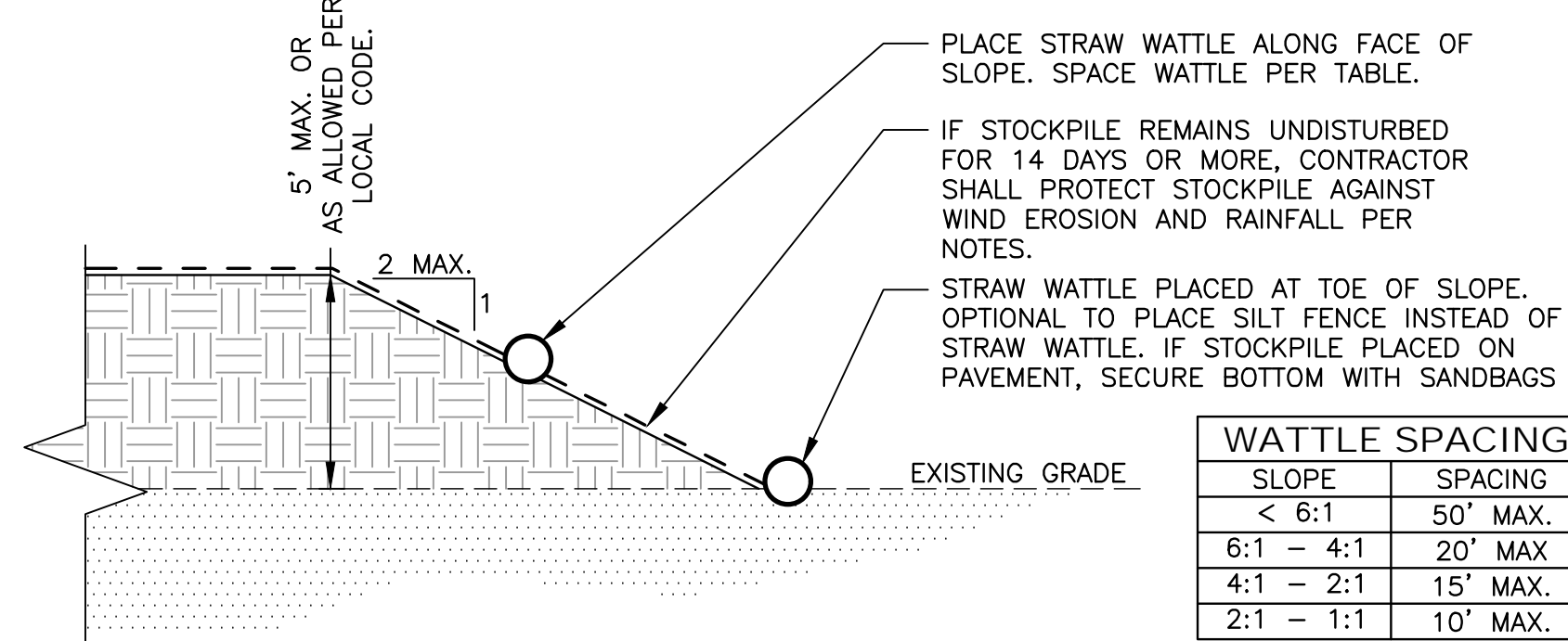
5 SAMPLING BUCKET
NOT TO SCALE

SILT FENCE NOTES:

- FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS L WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
- FENCE POSTS SHALL BE EITHER WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 1.5" X 1.5" OR A STANDARD STEEL POST.
- WHEN SPLICES ARE NECESSARY MAKE SPLICE AT POST ACCORDING TO SPLICE DETAIL. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER AT LEAST 180 DEGREES TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL. CUT THE FABRIC NEAR THE BOTTOM OF THE POSTS TO ACCOMMODATE THE 6 INCH FLAP. THEN DRIVE BOTH POSTS AND BURY THE FLAP. COMPACT BACKFILL WELL.



2.2 SILT FENCE
NOT TO SCALE



- PROTECT ALL STOCKPILES FROM STORM WATER RUN ON USING TEMPORARY PERIMETER SEDIMENT BARRIERS SUCH AS COMPOST BERMS, TEMPORARY SILT DIKES, FIBER ROLLS, SILT FENCES, SAND BAGS, GRAVEL BAS, OR BIOFILTER BAGS.
- ENSURE THAT STOCKPILE COVERINGS ARE INSTALLED SECURELY TO PROTECT FROM WIND AND RAIN.
- SOME PLASTIC COVERS WITHSTAND WEATHER AND SUNLIGHT BETTER THAN OTHERS. SELECT COVER MATERIALS OR METHODS BASED ON ANTICIPATED DURATION OF USE.
- SOIL STOCKPILES SHOULD BE COVERED OR PROTECTED WITH SOIL STABILIZATION MEASURES AND TEMPORARY PERIMETER SEDIMENT BARRIER AT ALL TIMES.
- TEMPORARY VEGETATION SHOULD BE CONSIDERED FOR TOP SOIL PILES THAT WILL BE STOCKPILED FOR EXTENDED PERIODS.

4 STOCKPILE STABILIZATION
NOT TO SCALE

RECORD DRAWINGS

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PROJECT ENGINEER _____ DATE _____
RCE# _____

DATE	BY	REVISION	NO.	DESIGNED: Z. ARTHUR	DRAWN: Z. ARTHUR	CHECKED: J. VANDERPOST	APPROVED	INITIALS

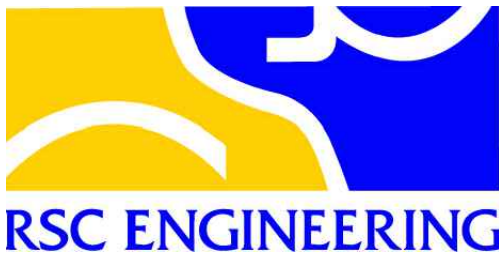
PROJECT NAME: SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME: EROSION CONTROL DETAILS
COUNTY OF PLACER
CALIFORNIA
ROCKLIN



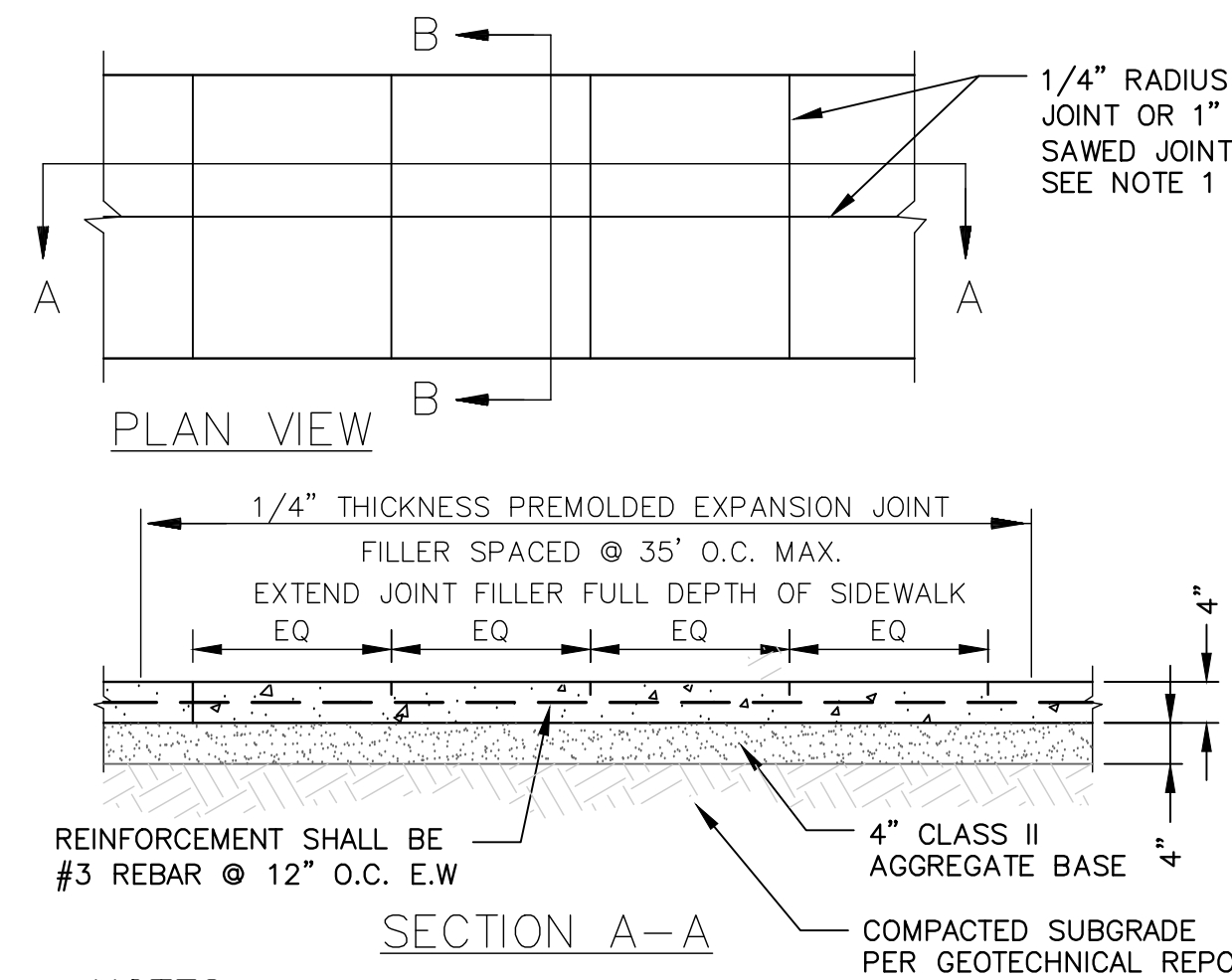
CITY OF ROCKLIN
COMMUNITY DEVELOPMENT DEPARTMENT



SCALE: SEE SHEET
DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.: C5.1
DRAWING: 13 OF 15

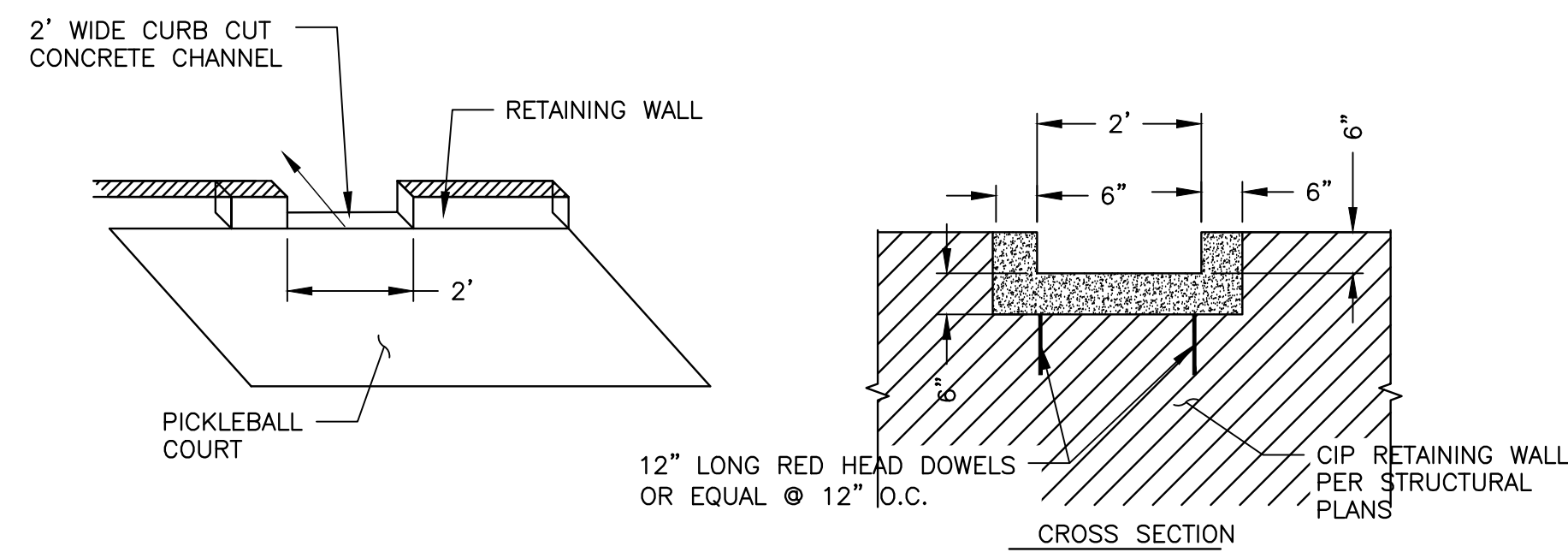


FUHRMAN LEAMY LAND GROUP
DESIGN • SERVICE • SOLUTIONS
3400 DOUGLAS BLVD, SUITE 275 ROSEVILLE, CA 95661
916 - 783-5263 info@fllandgroup.com

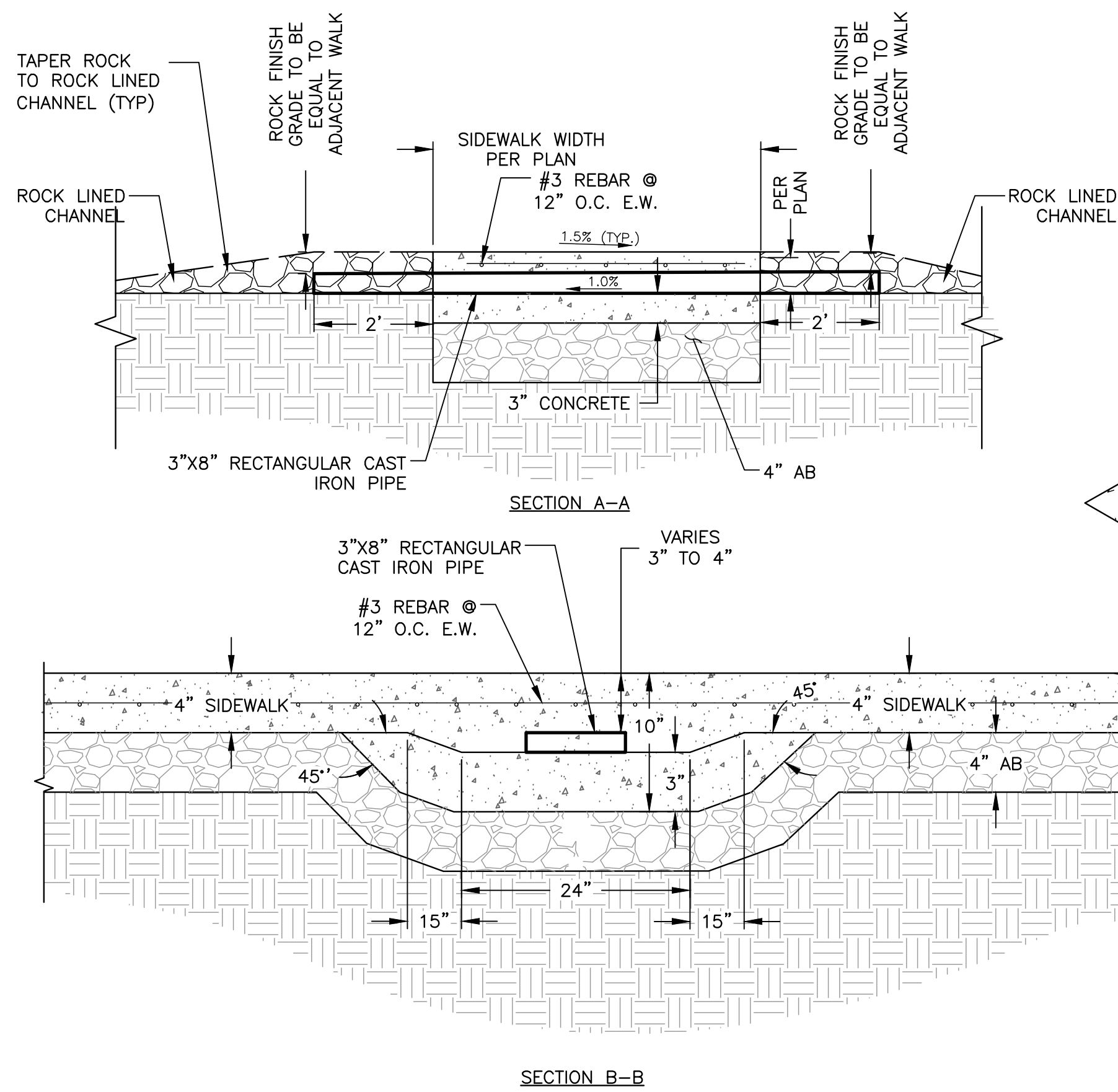


- NOTES:**
1. FOR WALKS GREATER THAN 6' IN WIDTH A LONGITUDINAL TOOLED JOINT, OR 1" DEEP SAWED JOINT, SHALL BE INSTALLED ALONG THE CENTER OF THE WALK.
 2. CONTRACTION JOINTS SPACE TO BE EQUAL TO SIDEWALK WIDTH. FINAL JOINT LAYOUT TO BE FIELD VERIFIED
 3. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL FIXED OBJECTS
 4. ALL JOINTS SEALED PER SPEC

1 SIDEWALK DETAIL
NOT TO SCALE

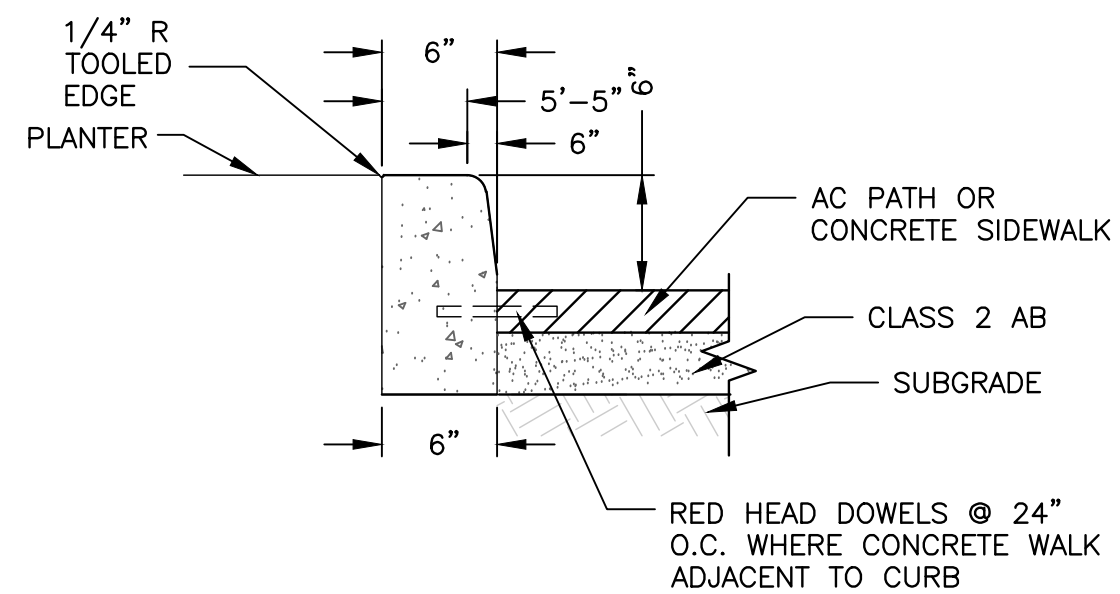


2 FLOW THROUGH WALL CHANNEL
NOT TO SCALE



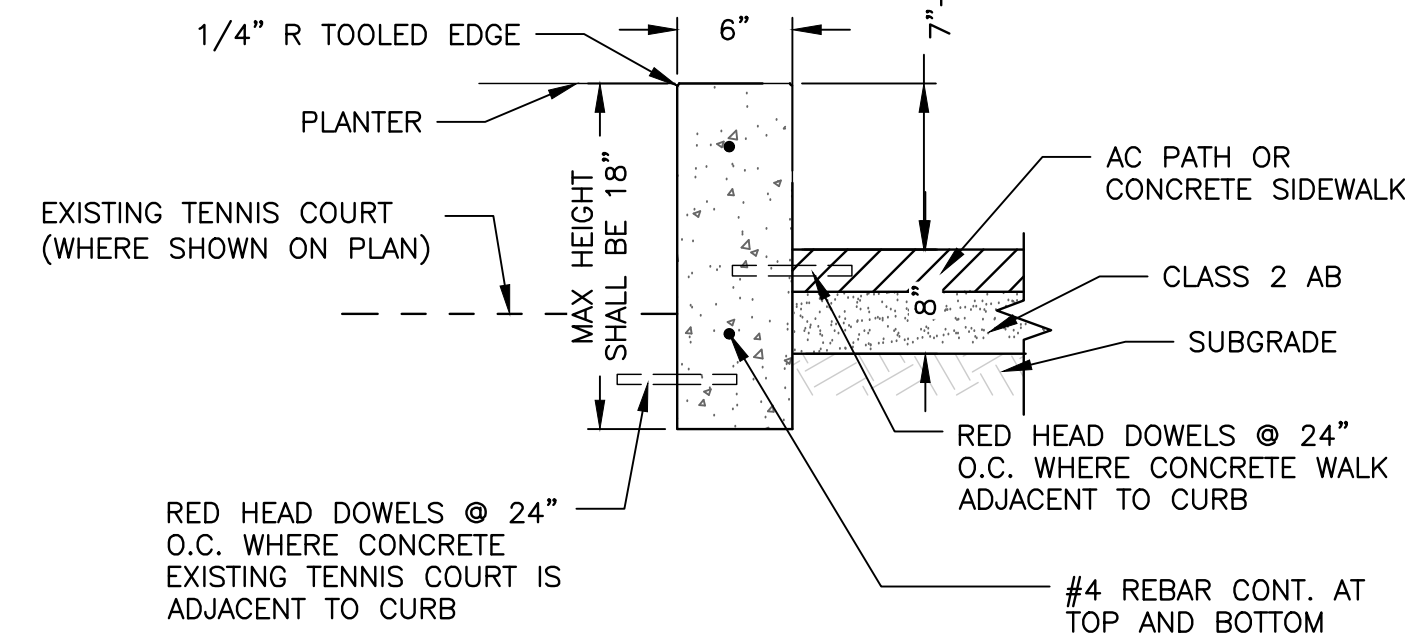
3 UNDER WALK DRAIN DETAIL
NOT TO SCALE

- NOTES:**
1. PROVIDE EXPANSION JOINTS @ 25' O.C. MAX. AND AT CURVES, TANGENTS, AND CORNERS.
 2. BASE OF CURB TO REST ON COMPACTED FILL.
 3. SACK FINISH EXPOSED SURFACES.

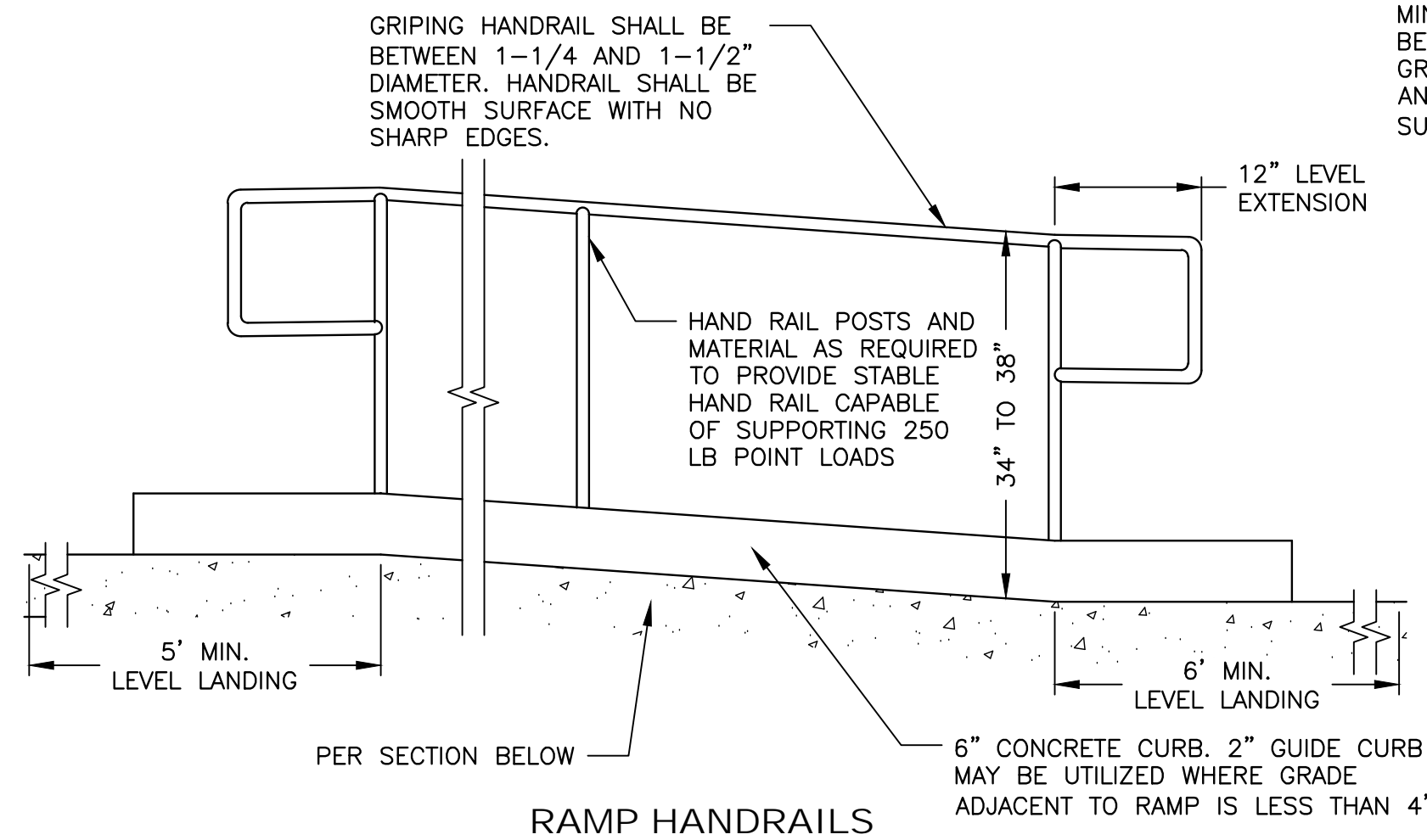


4 VERTICAL CURB
NOT TO SCALE

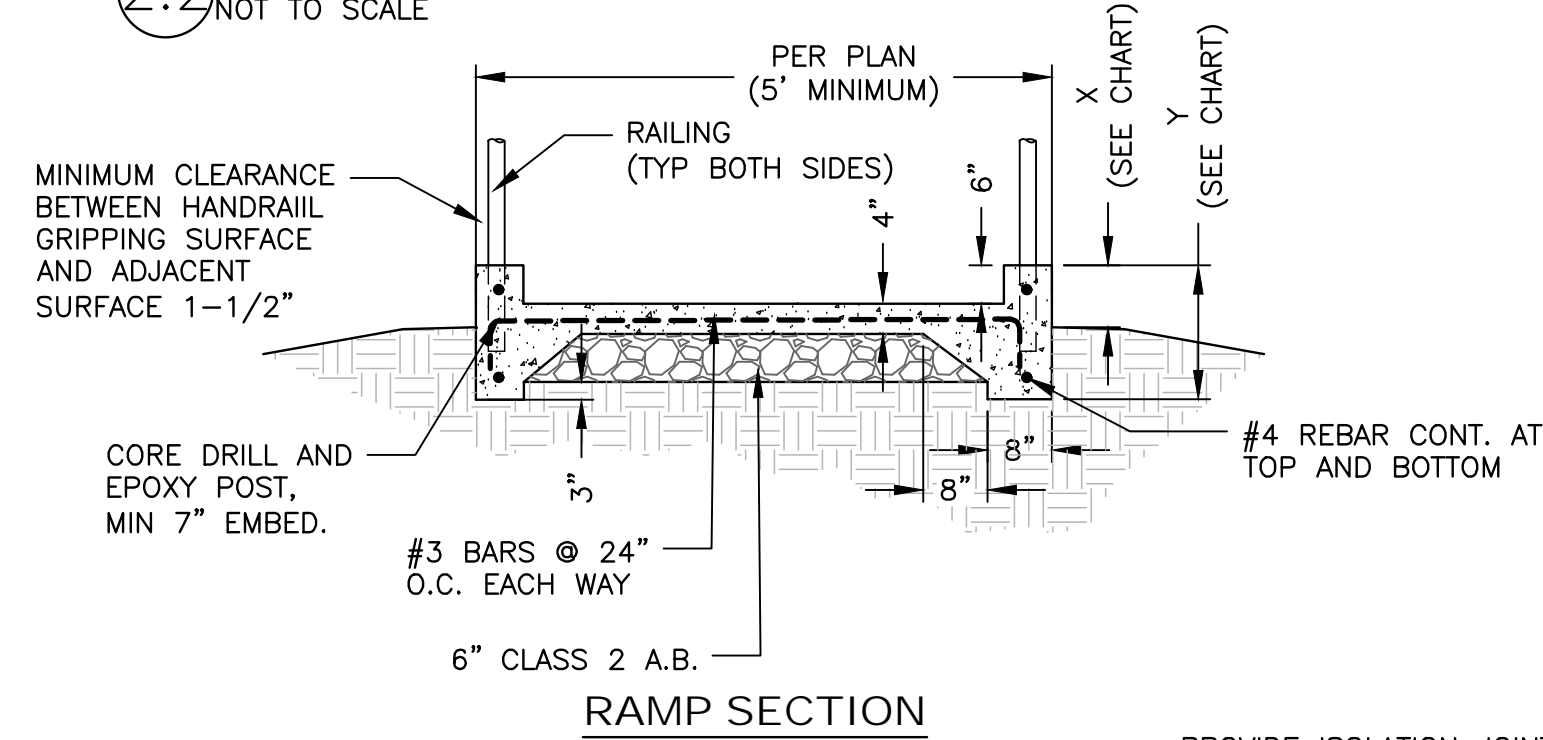
- NOTES:**
1. PROVIDE EXPANSION JOINTS @ 25' O.C. MAX. AND AT CURVES, TANGENTS, AND CORNERS.
 2. BASE OF CURB TO REST ON COMPACTED FILL.
 3. SACK FINISH EXPOSED SURFACES.



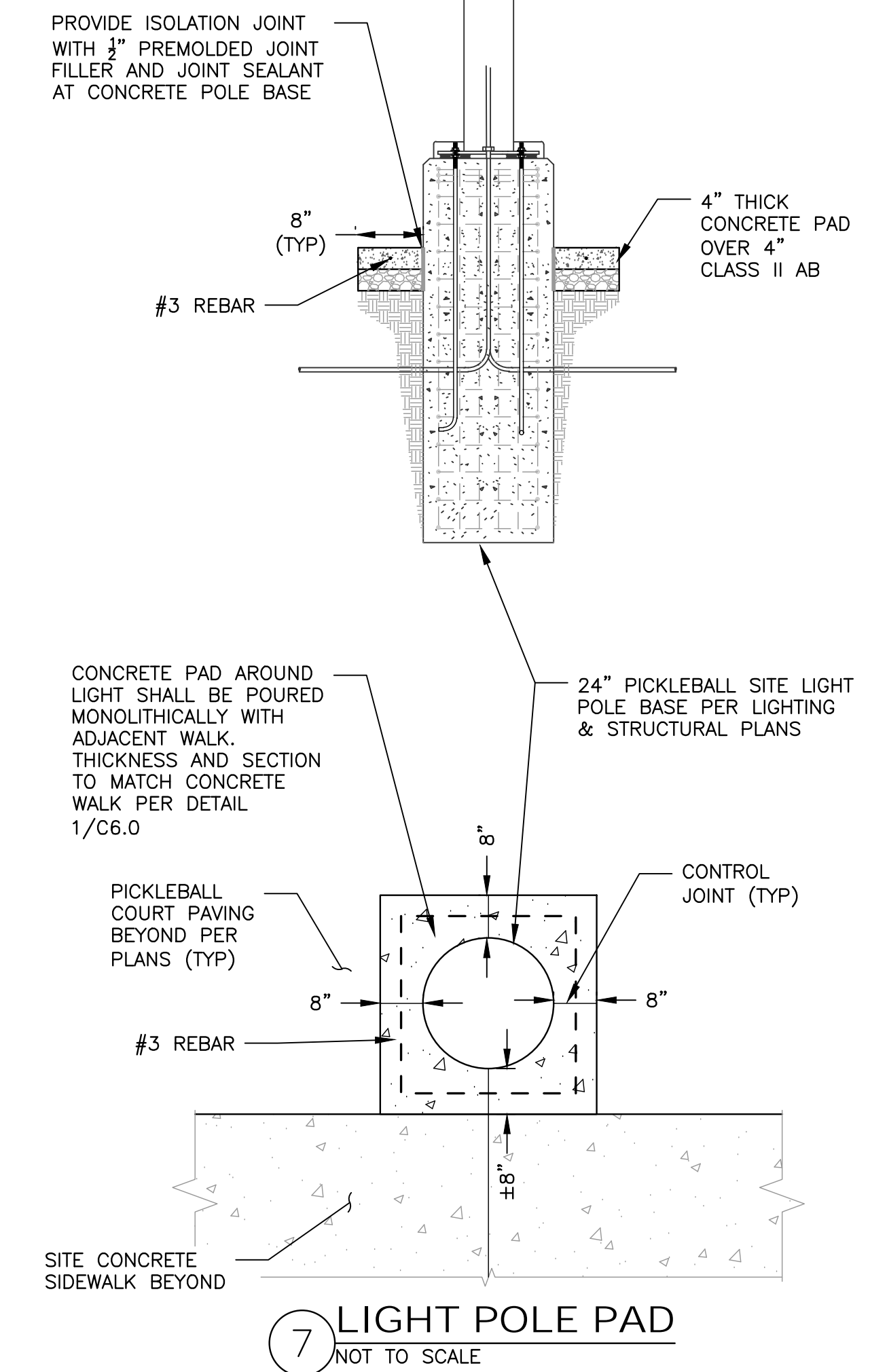
5 RETAINING CURB
NOT TO SCALE



6 RAMP WITH HANDRAIL DETAIL
NOT TO SCALE



DEEPEDED EDGE CHART	
EXPOSED FACE ("X")	TOTAL HEIGHT ("Y")
0"-6"	14"
6"-8"	18"
8"-12"	24"



7 LIGHT POLE PAD
NOT TO SCALE

RECORD DRAWINGS

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PROJECT ENGINEER _____ DATE _____
RCE# _____

DESIGNED: Z. ARTHUR	DRAWN: Z. ARTHUR	CHECKED: J. VANDERPOST	APPROVED: _____	INITIALS: _____
PROJECT NAME: SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS				
DRAWING NAME: DETAIL SHEET 1				
CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT				
SCALE: SEE SHEET				
DATE: JANUARY 7, 2026				
CITY PROJECT NO.: _____				
SHEET NO.: C6.0				
DRAWING: 14 OF 15				

VERTICAL ELEVATION DIFFERENCE BETWEEN UPPER LEVEL LANDING AND LOWER LANDING SHALL NOT EXCEED 2.5



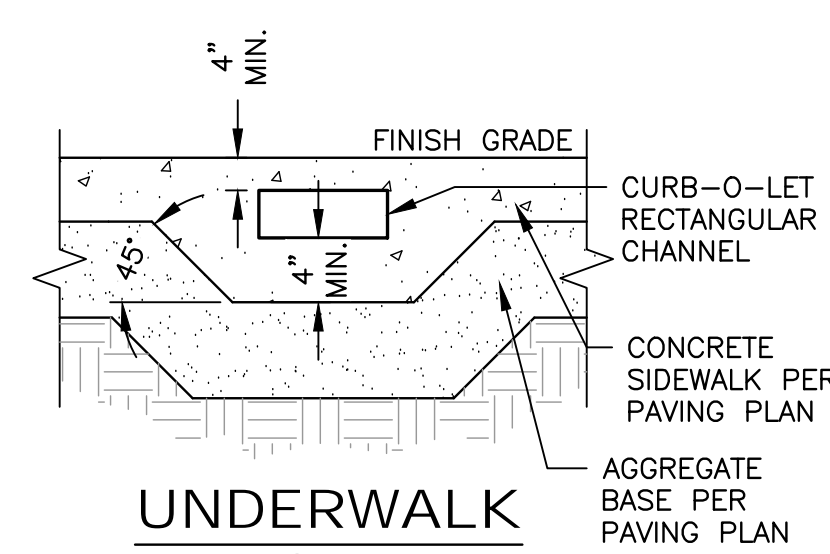
3 COBBLE DISCHARGE PAD
NOT TO SCALE



4 POP-UP EMITTER DISCHARGE
NOT TO SCALE



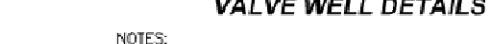
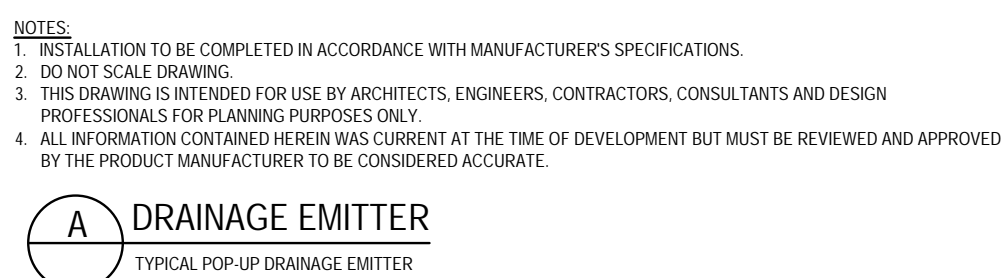
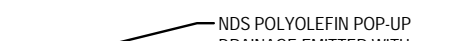
INSTALL 10" ADS NYLAPLA
IN-LINE DRAIN INLET WITH
FLUSH PEDESTRIAN RATED
GRATE



5 STORMDRAIN BACKFILL
NOT TO SCALE



6 WATER BACKFILL
NOT TO SCALE



VALVE AND WELL INSTALLATION

RECORD DRAWINGS

PROJECT ENGINEER

DATE _____

DESIGNED: Z. ARTHUR	NO.	REVISION	BY	DATE
DRAWN: Z. ARTHUR				
CHECKED: VANDERPOST				
APPROVED				
INITIALS				

ME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DETAIL SHEET 2

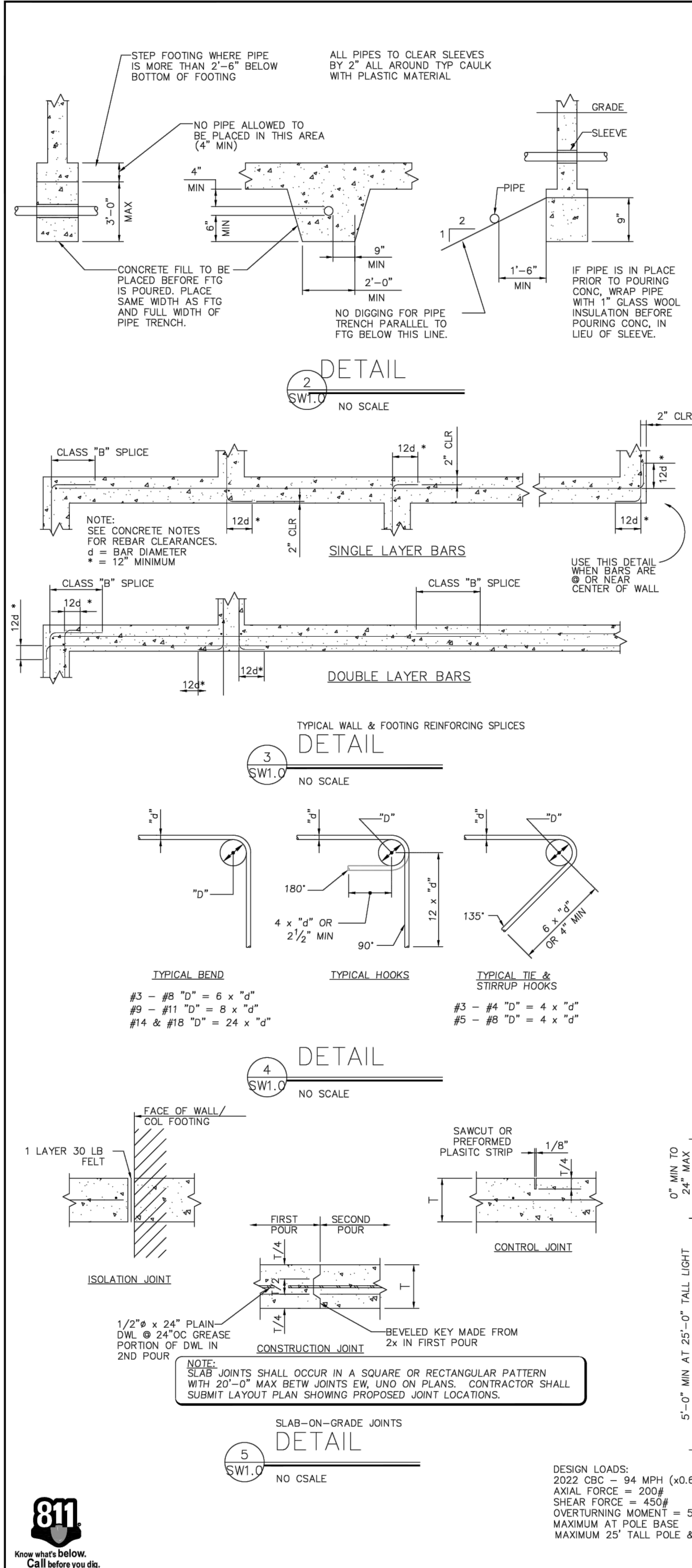
COUNTY OF PLACER CALIFORNIA



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: SEE SHEET
DATE: JANUARY 7, 2026
CITY PROJECT NO.:
SHEET NO.: C6.1
DRAWING: 15 OF 15



STRUCTURAL ABBREVIATIONS			
AB	ANCHOR BOLTS	HDR	HEADER
ABV	ABOVE	HK	HOOK
AC	ASPHALTIC CONCRETE	HORIZ	HORIZONTAL
ADDNL	ADDITIONAL	HSA	SEE HAS
AFF	ABOVE FINISH FLOOR	HSB	HIGH STRENGTH BOLT
AGG	AGGREGATE	ID	INSIDE DIAMETER
ALT	ALUMINUM	IN (")	INCH
APPROX	APPROXIMATE	INT	INTERIOR
ARCH	ARCHITECTURAL	JST	JOIST
BN	BOUNDARY NAILING	JT	JOINT
BLW	BELOW	LLH	LONG LEG HORIZONTAL
BEV	BEVELED	LLV	LONG LEG VERTICAL
BLDG	BUILDING	LS	LAG SCREW
BLK	BLOCK	LT WT	LIGHT WEIGHT
BLKG	BLOCKING	LG	LONG
BM	BEAM	L.W.C.	LIGHT WEIGHT CONCRETE
BOC	BOTTOM OF CONCRETE	MAX	MAXIMUM
BOF	BOTTOM OF FOOTING	MB	MACHINE BOLT
BOTT	BOTTOM	M.C.J.	MASONRY CONTROL JOINT
BRG	BRACING	MECH	MECHANICAL
BRG PL	BEARING PLATE	MEZZ	MEZZANINE
BTW	BETWEEN	M.I.	MISCELLANEOUS
CC	CENTER TO CENTER	MIW	MALLEABLE IRON WASHER
CIP	CAST IN PLACE	MFR	MANUFACTURER
CJ	CONSTRUCTION JOINT	MRD	METAL ROOF DECK
CL	CENTER LINE	MTL	METAL
CLG	CEILING	NIC	NOT IN CONTRACT
CLR	CLEAR	NO	NUMBER
CMU	CONCRETE MASONRY UNIT	NOM	NOMINAL
COL	COLUMN	NSG	NON-SHRINK GROUT
CONC	CONCRETE	NTS	NOT TO SCALE
CONN	CONNECTION	OC	ON CENTER
CONSTR JT	CONSTRUCTION JOINT	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	OJ	OPEN WEB METAL JOIST
DBL	DOUBLE	OPG	OPENING
DEPR	DEPRESSED	OPH	OPPOSITE HAND
DF	DOUGLAS FIR	PCC	PRECAST CONCRETE
DIA	DIAMETER	PC	PIECE
DIM	DIMENSION	PERP	PERPENDICULAR
DN	DOWN	PL	PLATE
DWG	DRAWING	PLWD	PLYWOOD
(E)	EXISTING	PN	PERIMETER NAILING
EA	EACH	PSF	POUNDS PER SQUARE FOOT
EF	EACH FACE	PSI	POUNDS PER SQUARE INCH
EN	EDGE FASTENER	PT	POINT
EW	EACH WAY	R	RADIUS
EW EF	EACH WAY EACH FACE	REINQ	REINFORCING
EJ	EXPANSION JOINT	REQD	REQUIRED
EL	ELEVATION	SAD	SEE ARCHITECTURAL DRAWINGS
EOS	EDGE OF SLAB	SHTHG	SEATHING
EQ	EQUAL	SIM	SIMILAR
EXP B	EXPANSION BOLT	SJ	SHRINKAGE JOINT
EXT	EXTERIOR	SLH	SHORT LEG HORIZONTAL
FAB	FABRICATE	SLV	SHORT LEG VERTICAL
FD	FLOOR DRAIN	SM	SHEET METAL
FF	FINISH FLOOR	SQ	SLAB ON GRADE
FFE	FINISH FLOOR ELEVATION	SQ	SQUARE
FG	FINISH GRADE	SP	SQUARE
FHWS	FLAT HEAD WOOD SCREW	STAG	STRUCTURAL PANEL
FLG	FLANGE	STD	STANDARD
FN	FIELD FASTENER	STIFF	STIFFENER
FND	FOUNDATION	STL	STEEL
FOC	FACE OF CONCRETE	STRUC	STRUCTURAL
FOM	FACE OF MASONRY	SYM	SYMMETRICAL
FOS	FACE OF STUD	T24	TITLE 24 CALIFORNIA CODE
FT (')	FOOT/FEET	THD	THREADED
FTG	FOOTING	THK	THICK
GA	GAUGE	TOP OF CONCRETE	
GALV	GALVANIZED	TOP OF FOOTING	
GL	GLUE LAMINATED LUMBER	TOP OF SLAB	
GT	GROUT	TOP OF STEEL	
GWB	GYPSON WALL BOARD	TOW	TOP OF WALL
HAS	HEADED ANCHOR STUD	TRAN	TRANSVERSE
HC	HANDICAP	TS	TUBE STEEL
		TYP	TYPICAL
		T&B	TOP AND BOTTOM
		UNO	UNLESS NOTED OTHERWISE
		WWF	WELDED WIRE FABRIC

CONCRETE AND REINFORCING STEEL

- CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-19 AND 2022 CALIFORNIA BUILDING CODE
- THE MINIMUM 28 DAY STRENGTH SHALL BE AS FOLLOWS:
SLABS ON GRADE 150 PCF, F'c = 3500 PSI
FOUNDATIONS 150 PCF, F'c = 3500 PSI
- CEMENT SHALL CONFORM TO ASTM C-150, TYPE I OR TYPE II
- CONCRETE AGGREGATES: NATURAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM C-33.
- REINFORCING SHALL CONFORM TO ASTM A615 - GRADE 60 INCLUDING SUPPLEMENTARY REQUIREMENTS S1, F = 60 KSI.
- WELDING OF REINFORCING STEEL SHALL CONFORM TO ANSI / AWS D1.4 (LATEST EDITION) USING PROPER LOW HYDROGEN ELECTRODES. TACK WELDING TO REBAR IS STRICTLY PROHIBITED. SEE REBAR WELDING NOTE BELOW.
- REINFORCING STEEL SHALL BE DETAILED, FABRICATED, AND INSTALLED ACCORDING TO "MANUAL OF STANDARD PRACTICE OF REINFORCED CONCRETE CONSTRUCTION" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).
- WIRE FABRIC SHALL CONFORM TO ASTM A185
- DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF MAIN BARS AND DENOTE CLEAR COVERAGE. CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO ON DRAWINGS:
CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) 3"
CONCRETE EXPOSED TO GROUND BUT PLACED IN FORMS 2"
SLABS (ON GROUND) POSITION IN CENTER OF SLAB
ALL BARS SHALL HAVE A CLASS B MINIMUM SPLICE LAP UNLESS OTHERWISE NOTED. SEE TABLE "REINFORCEMENT LAP SPLICES" ON THIS SHEET.
- A) SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'-0" APART.
B) DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMNS FROM FOUNDATION WITH THE SAME SIZE REINFORCING.
- GENERAL:
A) NO PIPES OR DUCT SHALL BE PLACED IN CONCRETE SLABS OR WALLS UNLESS SPECIFICALLY DETAILED.
B) REFER TO ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR ALL MOULDS, GROOVES, ORNAMENTS, CLIPS AND GROUNDS TO BE CAST IN CONCRETE.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SANDBLASTING, OR HOISING THE SURFACE 4 TO 6 HOURS AFTER THE POUR WITH A FINE SPRAY.
- REMOVE ALL DEBRIS FROM THE FORMS BEFORE PLACING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE. OBTAIN APPROVAL OF ALL AFFECTED TRADES PRIOR TO PLACING CONCRETE.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- WELDED WIRE FABRIC SHALL BE LAP SPICED TWO SQUARES MIN. EACH DIRECTION.
- NOTIFY THE STRUCTURAL ENGINEER 48 HOURS PRIOR TO PLACING CONCRETE.

REINFORCEMENT LAP SPLICE LENGTHS (IN INCHES)

		F'c = 2500 PSI AT 28 DAYS									
SPLICE CLASS	REINF LOCATION	REINFORCEMENT SIZE (GR60, UNO)									
		#3	#4	#5	#6	#7	#8	#9	#10	#11	
A	TOP	21	28	37	46	63	82	104	132	162	
	BOTTOM	16	22	27	35	48	63	80	102	125	
B	TOP	27	36	45	60	82	107	135	172	210	
	BOTTOM	21	20	37	46	63	82	104	132	162	

TOP REINFORCING IS HORIZONTAL REINFORCEMENT THAT HAS MORE THAN TWELVE INCHES OF CONCRETE PLACED BELOW IT.

LAP SPLICE LENGTHS ABOVE ARE BASED ON CRSI CATEGORY 3.

WHERE CENTER TO CENTER SPACING BETWEEN BARS BEING LAP SPICED IS LESS THAN OR EQUAL TO 3 BAR DIAMETERS OR CLEAR BAR COVER IS LESS THAN OR EQUAL TO 1 BAR DIAMETER, INCREASE LAP SPLICE LENGTH 45% (CRSI CATEGORY 1).

ALL REBAR TO BE WELDED SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY.

GENERAL NOTES:

- CONSTRUCTION SHALL CONFORM TO THE 2022 CALIFORNIA BUILDING CODE AND CITY OF ROCKLIN ORDINANCE, LATEST EDITION.
- NOTES AND DETAILS ON TYPICAL SHEETS SHALL APPLY UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.
- DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME NATURE AS SHOWN FOR A SIMILAR CONDITION.
- PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER ON ALL REINFORCING STEEL, STEEL FRAMING, AND CONCRETE MIX PROPORTIONS. SHOP DRAWINGS: SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS AND THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL HE INTENDS TO FURNISH AND INSTALL AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS HE INTENDS TO USE.
- SAFETY NOTE:
A) IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
B) THE ARCHITECT, STRUCTURAL ENGINEER, AND THE OWNER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.
C) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DRAWINGS OR DOCUMENTS. CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE BUILDING THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.

DESIGN CRITERIA:

CODE 2022 CALIFORNIA BUILDING CODE LIVE LOADS ADJ. WALK/DRIVE 100.0 PSF (UNREDUCIBLE)	WIND SIMPLIFIED DESIGN PROCEDURE BASIC WIND = 94 MPH EXPOSURE C
LATERAL LOADS SEISMIC	SNOW NA
NA	Fa = 1.454 Fv = 1.80 OCCUP. CAT. = II SEISMIC DESIGN CAT. = D

SCOPE OF WORK: FOR SHEETS SW-1.0, SW-1.1 & SW-1.2 THE WORK IS FOR RETAINING WALL DESIGN, LIGHT STATION FOOTINGS AND RESTROOM SLAB LAYOUT DESIGN ONLY

- FOUNDATION DESIGN IS BASED ON REPORT #S2720-05-04, DATED SEPTEMBER 22, 2025 BY GEOCON CONSULTING, INC WITH A BEARING CAPACITY OF 1500 PSF (DL+LL) WITH A 1/3 INCREASE FOR SEISMIC OR WIND LOADS TO 2000 PSF. FOUNDATIONS SHALL BEAR ON FIRM FOUNDATION SOIL. STRATA AS APPROVED BY INSPECTOR/ GEO ENGR. EXPANSIVE, ORGANIC, LOOSE OR SOILS SHALL NOT BE UTILIZED FOR SUPPORT OF FOOTINGS OR SLABS ON GRADE. THE ENGINEER IS NOT RESPONSIBLE FOR SETTLEMENT DUE TO SOFT SOILS OR EFFECTS DUE TO EXPANSIVE SOILS. IT IS THE OWNER'S RESPONSIBILITY TO INSURE COMPLIANCE WITH THESE REQUIREMENTS AS WRITTEN IN THE GEOTECHNICAL REPORT FOR MAIN PROJECT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SHORE AND BRACE AS REQUIRED. SEE SAFETY NOTES FOR ADDITIONAL INFORMATION.
- ALL FOUNDATIONS ARE SHOWN AND DIMENSIONED AS BEING FORMED. FOUNDATIONS MAY BE PLACED IN NEAT EXCAVATIONS PROVIDED FOOTINGS ARE INCREASED 2" IN WIDTH, SEE TYPICAL EXCAVATION DETAIL.
- EXCAVATIONS SHALL BE CLEANED OF ALL DEBRIS AND LOOSE SOIL. STANDING WATER SHALL BE REMOVED PRIOR TO CONCRETE PLACEMENT.
- BOTTOMS OF ALL FOUNDATIONS SHALL BE LEVEL. CHANGES IN BOTTOM OF FOUNDATION ELEVATION SHALL BE MADE ACCORDING TO STEPPED FOOTING DETAILS.
- FOOTINGS SHALL BE CENTERED UNDER WALLS AND/OR COLUMNS UNLESS OTHERWISE INDICATED ON DRAWINGS.
- CONTRACTOR SHALL CHECK FOOTING FORMS TO VERIFY THAT THEY ARE SQUARE & PLUMB. THE CONTRACTOR SHALL ALSO VERIFY THAT ALL INSERTS & EMBEDS ARE IN THEIR CORRECT LOCATION & ORIENTATION PRIOR TO PLACING CONCRETE.
- NOTIFY THE STRUCTURAL ENGINEER 48 HOURS IN ADVANCE OF PLACING CONCRETE.

INSPECTION NOTES:

- GENERAL: IN ADDITION TO THE INSPECTIONS REQUIRED BY SECTION 108 OF THE 2022 CBC, THE OWNER SHALL EMPLOY AN CBC APPROVED SPECIAL INSPECTOR TO PERFORM SPECIAL INSPECTIONS & TESTS AS INDICATED IN THE SCHEDULE BELOW.
- INSPECTORS: ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT INSPECTION AGENCY WHICH IS IN THE EMPLOYMENT OF THE OWNER.
- ALL SPECIAL INSPECTION & TESTING AGENCIES SHALL BE QUALIFIED PER ASTM E329 AND APPROVED BY CITY OF SACRAMENTO.
- PROVIDE INSPECTION REPORTS TO BUILDING DEPARTMENT, OWNER, ARCHITECT AND ENGINEER WITHIN TWO WEEKS OF PERFORMANCE INSPECTION OR TEST.
- REFER TO CHAPTER 17 OF THE CODE FOR OTHER REQUIRED SPECIAL INSPECTIONS AND TESTS NOT LISTED IN THE SCHEDULE BELOW.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO SEE THAT THE TESTS AND INSPECTIONS ARE PERFORMED. JOB SITE VISITS BY THE STRUCTURAL ENGINEER DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTIONS.
- WHERE THE CONTRACTOR CHOOSES TO USE OPTIONAL OR ALTERNATIVE MEANS OF FASTENING OR ANCHORING MATERIALS AS SHOWN ON THE PLANS AND DETAILS AND REQUIRES SPECIAL FIELD INSPECTION, SUCH AS FIELD WELDING, ADHESIVE OR EXPANSION ANCHORS, ETC, ALL ADDITIONAL SPECIAL INSPECTION AND TESTING COSTS SHALL BE PAID BY THE OWNER AND DEDUCTED FROM THE CONTRACT AMOUNT.

Concrete Types Schedule							
Type of Concrete	Minimum cementitious content (lb/cu. yd)	Maximum water/cement ratio (by weight)	Specified 28-day compressive strength (psi)	Specified slump range for placement with W.R. (inches)	Specified air content range (% by volume)	Maximum size aggregate (inches)	Exposure classes (per ACI 318 SS 19.3.1.1)
• Spread footings	564	0.45	3500	5	0-3 Entrapped	1 1/2	F1 S0 C1
• Site light pole fdn.	564	0.45	3500	3-5	0-3 Entrapped	1	F1 S0 C1
• Concrete permanently exposed to the weather or vulnerable to de-icers or freeze thaw cycles • Exterior pads/slabs • Retaining Walls	564	0.45	3500	5-6	6 ±1.5%	1	F1 S0 C1

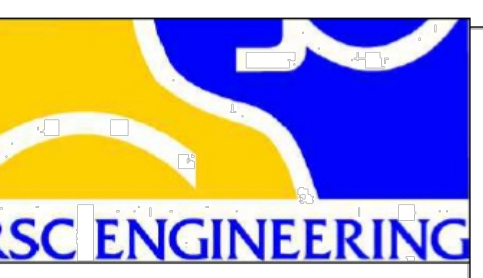
SPECIAL STRUCTURAL INSPECTION AND TESTING SCHEDULE:

- SPECIAL STRUCTURAL T&I SCHEDULE.dwg
- CONCRETE
• CONTINUOUS PLACEMENT INSPECTION
• 4 CYLINDERS PER 50' CY
TEST: 1 @ 7 DAYS, 2 @ 28 DAYS, 1 HOLD
• ALL BOLTS
LOCATION:
• SPECIAL MOMENT-RESISTING CONCRETE FRAMES
• AS INDICATED
LOCATION:
• REINFORCING STEEL AND PRESTRESSING TENDONS
• PLACEMENT INSPECTION
• STRESSING AND GROUTING OF TENDONS
 - STRUCTURAL MASONRY: f'm = 1500, STRESSES
VERIFICATION OF f'm: PRISM TESTS
PRISM TEST RECORD
UNIT STRENGTH
• CONTINUOUS INSPECTION
• PERIODIC INSPECTION-LEVEL 1 INSPECTION
TESTS: PRISMS
UNIT GROUT MORTAR
BEFORE DURING
 - SPECIAL GRADING, EXCAVATION, AND FILLING
• PERIODIC INSPECTION
SUBGRADE TESTS
COMPACTION TEST
VERIFY BEARING STRATA

- NOTES:
- ALL SPECIAL INSPECTION & TESTING AGENCIES SHALL BE QUALIFIED PER ASTM E329.
 - PROVIDE INSPECTION REPORTS TO BUILDING DEPARTMENT, OWNER, ARCHITECT AND ENGINEER WITHIN TWO WEEKS OF PERFORMANCE OF INSPECTION OR TEST.
 - THE ABOVE SCHEDULE DOES NOT INCLUDE ALL SPECIAL INSPECTIONS AND TESTS REQUIRED BY CHAPTER 17 OF THE CODE.

J MARTIN CONSULTING GROUP, INC.
PROVIDING STRUCTURAL DESIGN
2351 SUNSET BLVD., STE 170-402
ROCKLIN, CA 95765
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CELL (916) 912-1041
MCG JOB NO. 25273

FUHRMAN LEAMY LAND GROUP
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3400 DOUGLAS BLVD, SUITE 275 ROSEVILLE, CA 95661
916-783-5263 info@flandgroup.com



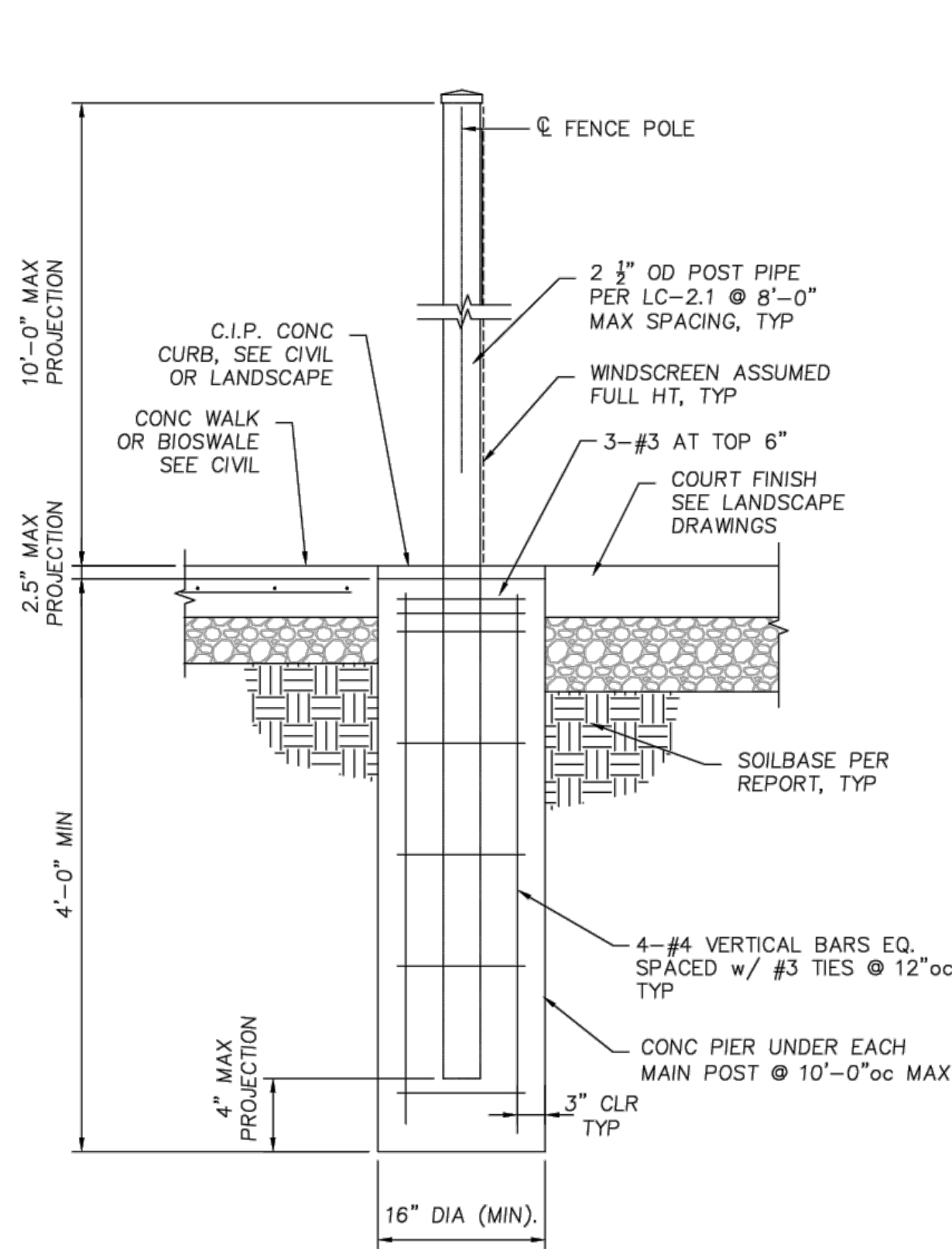
RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

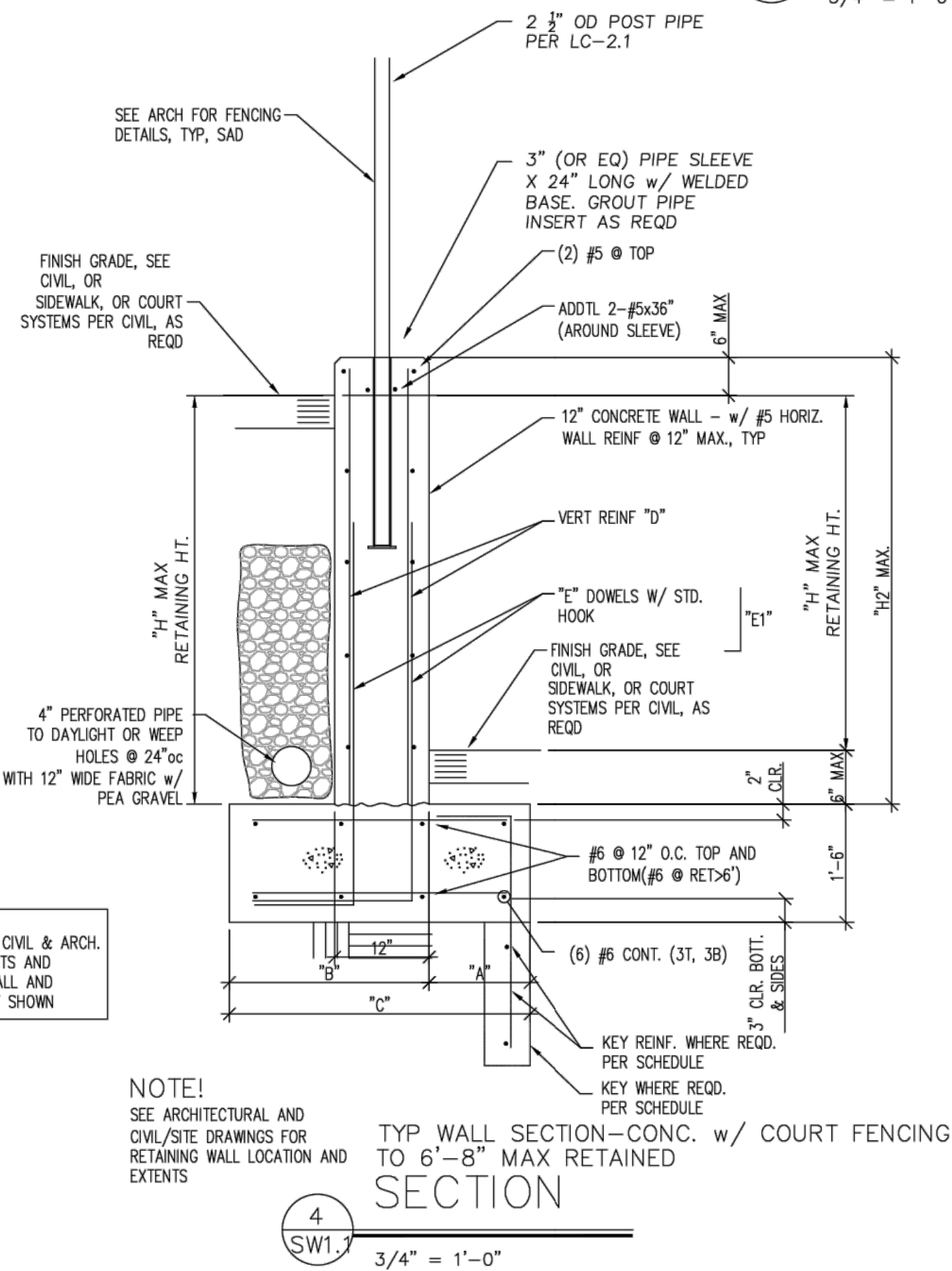
PROJECT ENGINEER	DATE
RCE#	

DATE	BY	REVISION	NO.	DESIGNED: Z. ARTHUR	DRAWN: Z. ARTHUR	CHECKED: J. VANDERPOST	APPROVED:	INITIALS
PROJECT NAME: SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS								
DRAWING NAME: PROJECT NOTES								
CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT								
SCALE: SEE SHEET								
DATE: JANUARY 5, 2026								
CITY PROJECT NO.:								
SHEET NO.:								
DRAWING: SW1.0 OF 15								

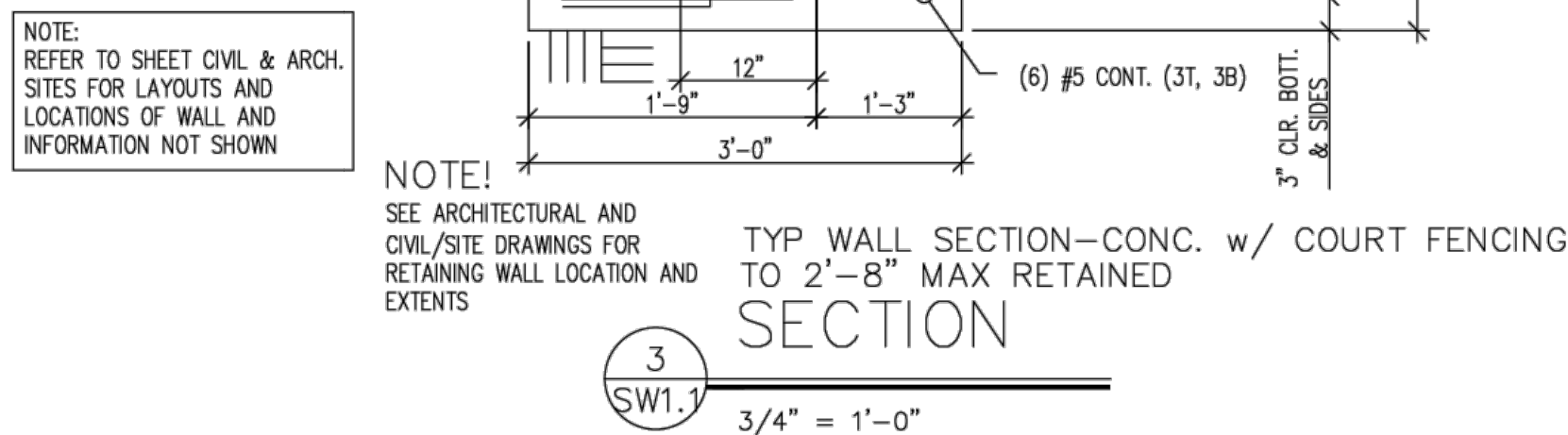
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811 Know what's below. Call before you dig.



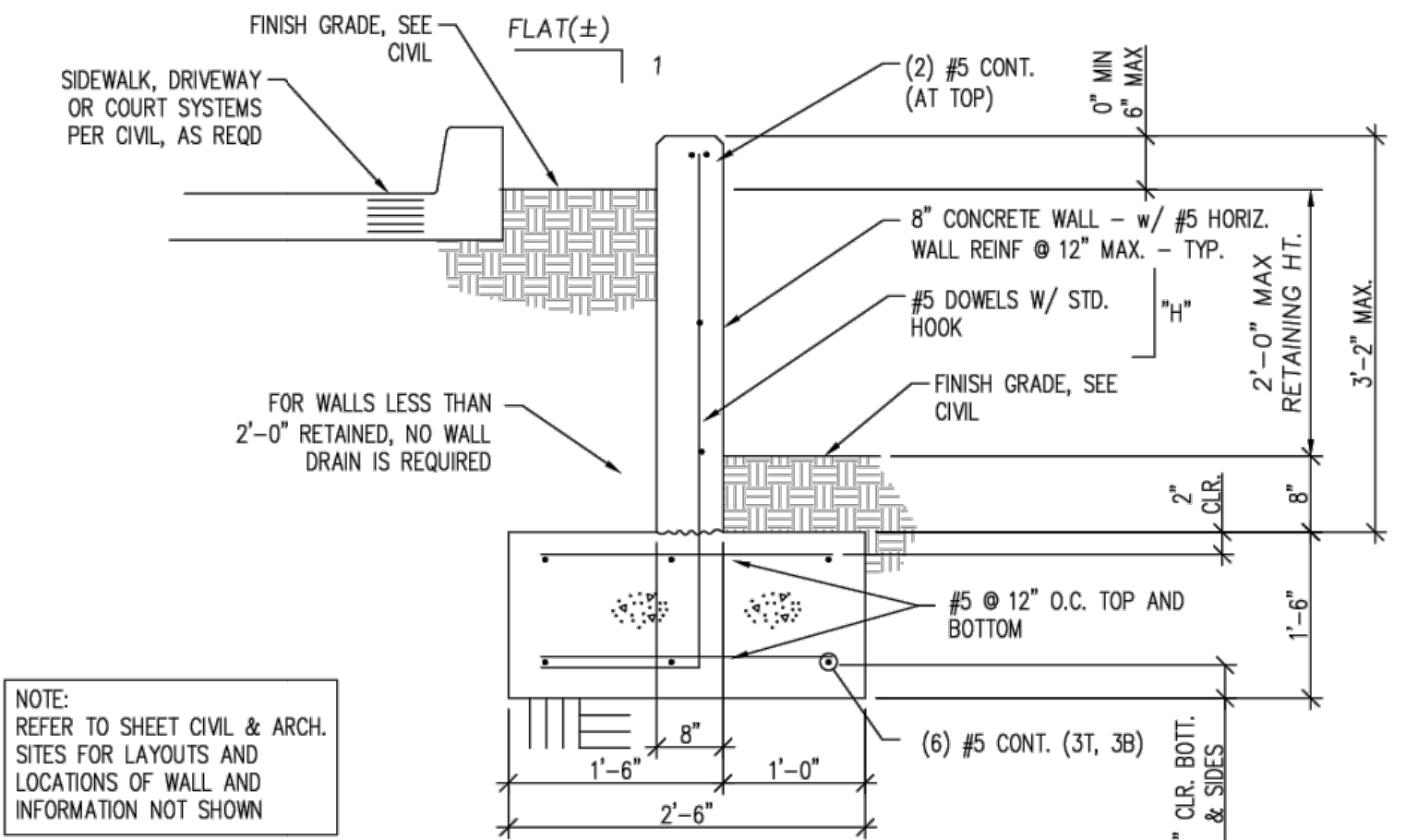
5
SW1.1
NO SCALE
NOTE: FENCE FOUNDATION DESIGN USED DESIGN VALUES FROM TABLE 1804.2 OF THE 2022 CBC.



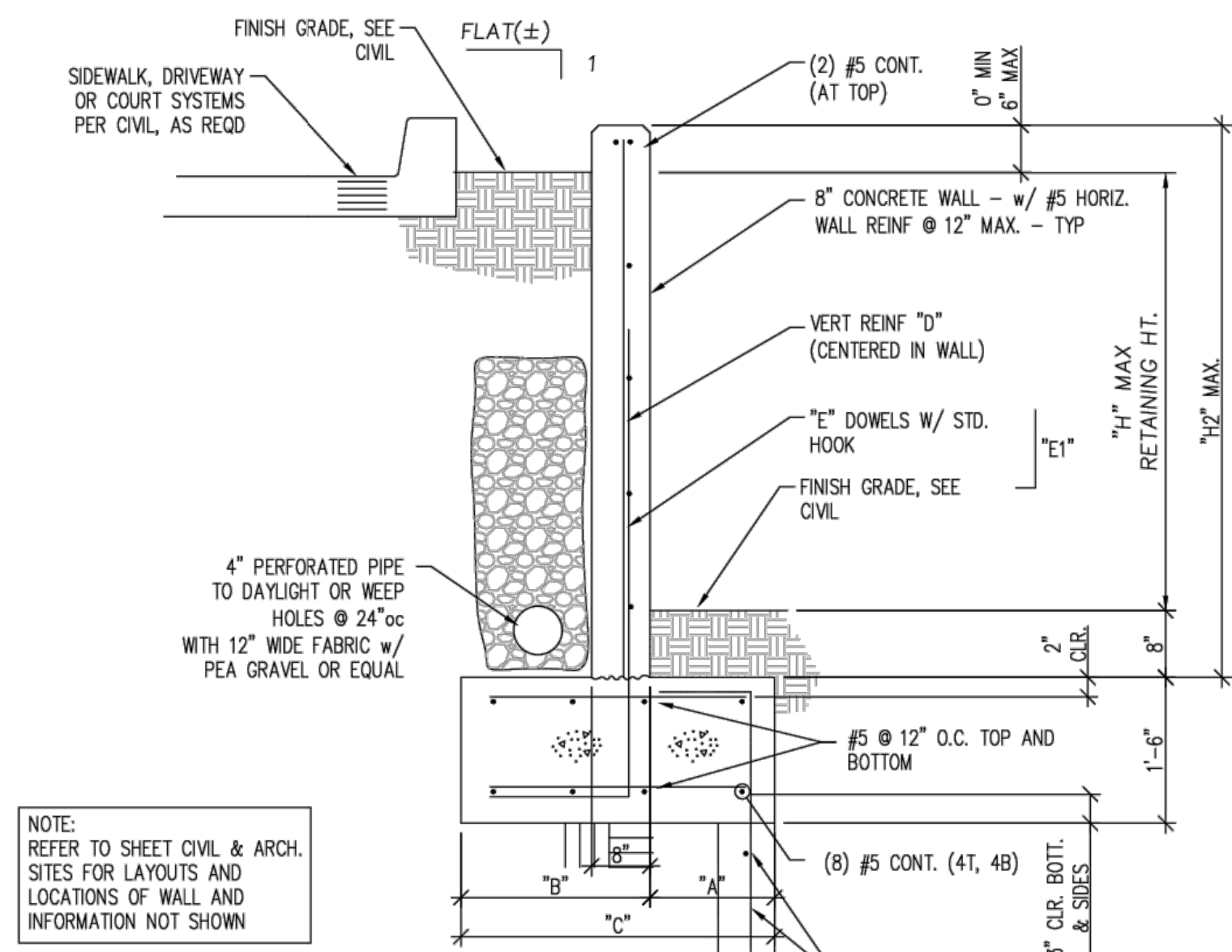
WALL SECTION TABLE							
WALL RETAINED HT "H"	OVERALL WALL HT "H2"	FTG TOE "A"	FTG HEEL "B"	FTG WIDTH "C"	VERT REIN "D"	"E" DOWELS w/ "E1"	FOOTING KEY
2'-0"	3'-2"	SEE DETAIL 3/S-1.1	SEE DETAIL 3/S-1.1	SEE DETAIL 3/S-1.1	SEE DETAIL 3/S-1.1	NA	
4'-0"	5'-2"	1'-8"	3'-0"	4'-8"	#5 @ 12"oc CENTERED IN WALL	#5 @ 12"oc w/ E1=4'-0"	12" DEEP x 6" WIDE w/ #5 @ 12"oc
6'-0"	7'-2"	2'-3"	3'-3"	5'-6"	#5 @ 12"oc CENTERED IN WALL	#5 @ 12"oc w/ E1=5'-0"	18" DEEP x 6" WIDE w/ #5 @ 12"oc



3
SW1.1
3/4" = 1'-0"

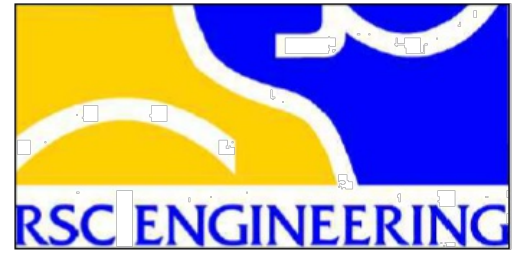


1
SW1.1
3/4" = 1'-0"



2
SW1.1
3/4" = 1'-0"

WALL SECTION TABLE							
WALL RETAINED HT "H"	OVERALL WALL HT "H2"	FTG TOE "A"	FTG HEEL "B"	FTG WIDTH "C"	VERT REIN "D"	"E" DOWELS w/ "E1"	FOOTING KEY
2'-0"	3'-2"	SEE DETAIL 1/S-1.1	SEE DETAIL 1/S-1.1	SEE DETAIL 1/S-1.1	SEE DETAIL 1/S-1.1	NA	
4'-0"	5'-2"	1'-6"	2'-0"	3'-6"	#5 @ 12"oc CENTERED IN WALL	#5 @ 12"oc w/ E1=4'-0"	12" DEEP x 6" WIDE w/ #5 @ 12"oc
6'-0"	7'-2"	2'-3"	2'-9"	5'-0"	#5 @ 12"oc CENTERED IN WALL	#5 @ 12"oc w/ E1=5'-0"	18" DEEP x 6" WIDE w/ #5 @ 12"oc



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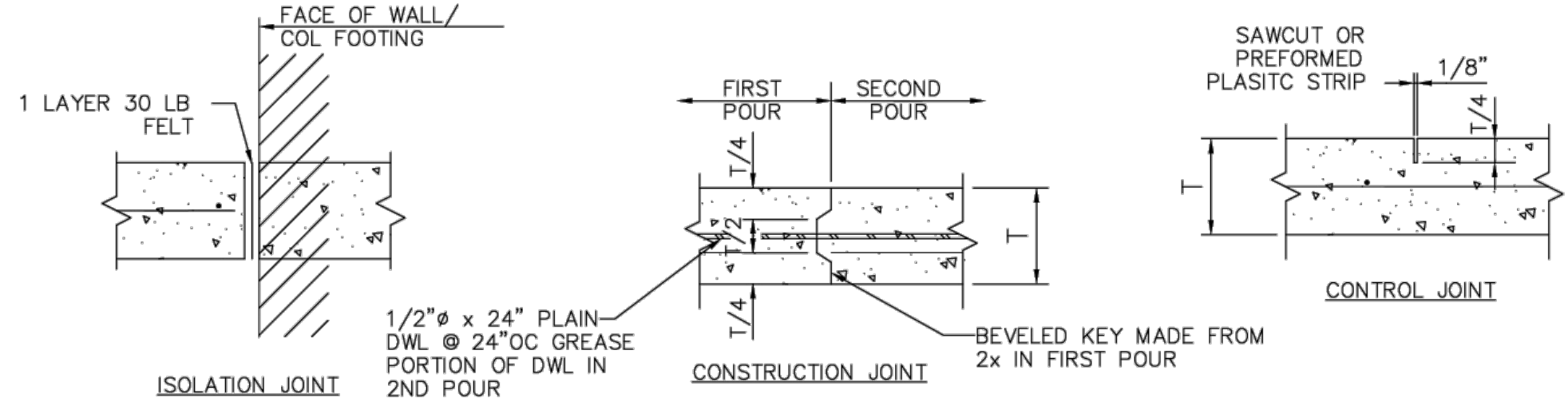
RECORD DRAWINGS
ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.
PROJECT ENGINEER _____ **DATE** _____
RCE# _____

DESIGNED: Z. ARTHUR
DRAWN: Z. ARTHUR
CHECKED: J. VANDERPOST
APPROVED: _____
INITIALS: _____

PROJECT NAME: SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME: SITE WALL DETAILS
COUNTY OF PLACER
CALIFORNIA

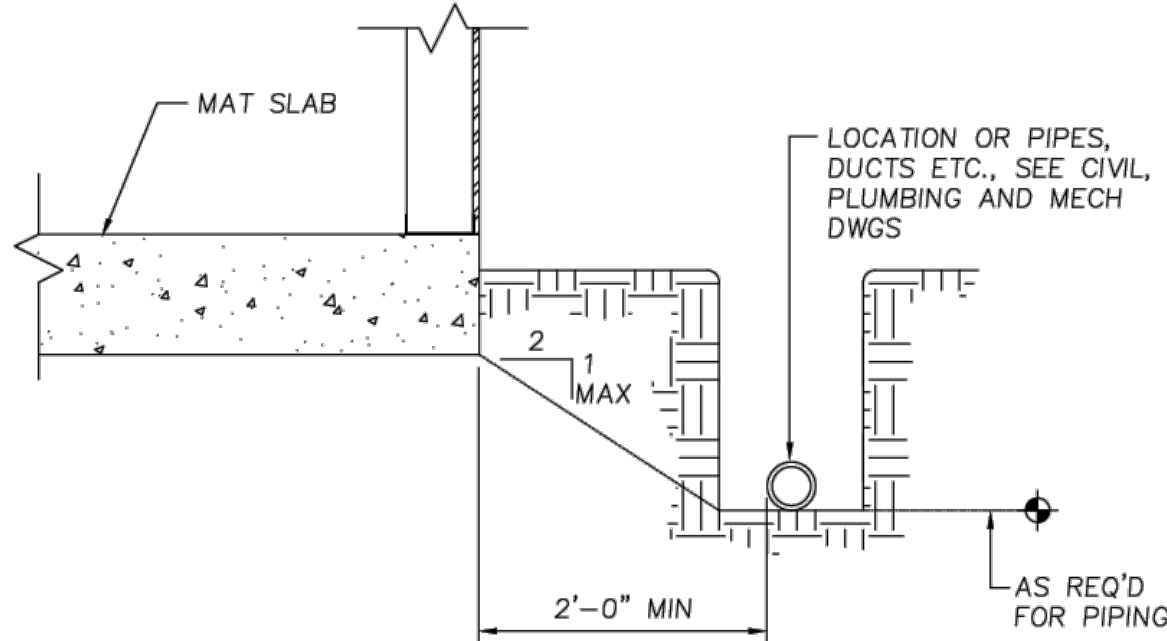
CITY OF ROCKLIN
COMMUNITY DEVELOPMENT DEPARTMENT

SCALE: SEE SHEET
DATE: JANUARY 5, 2026
CITY PROJECT NO.: _____
SHEET NO.: **SW1.1**
DRAWING: OF 15



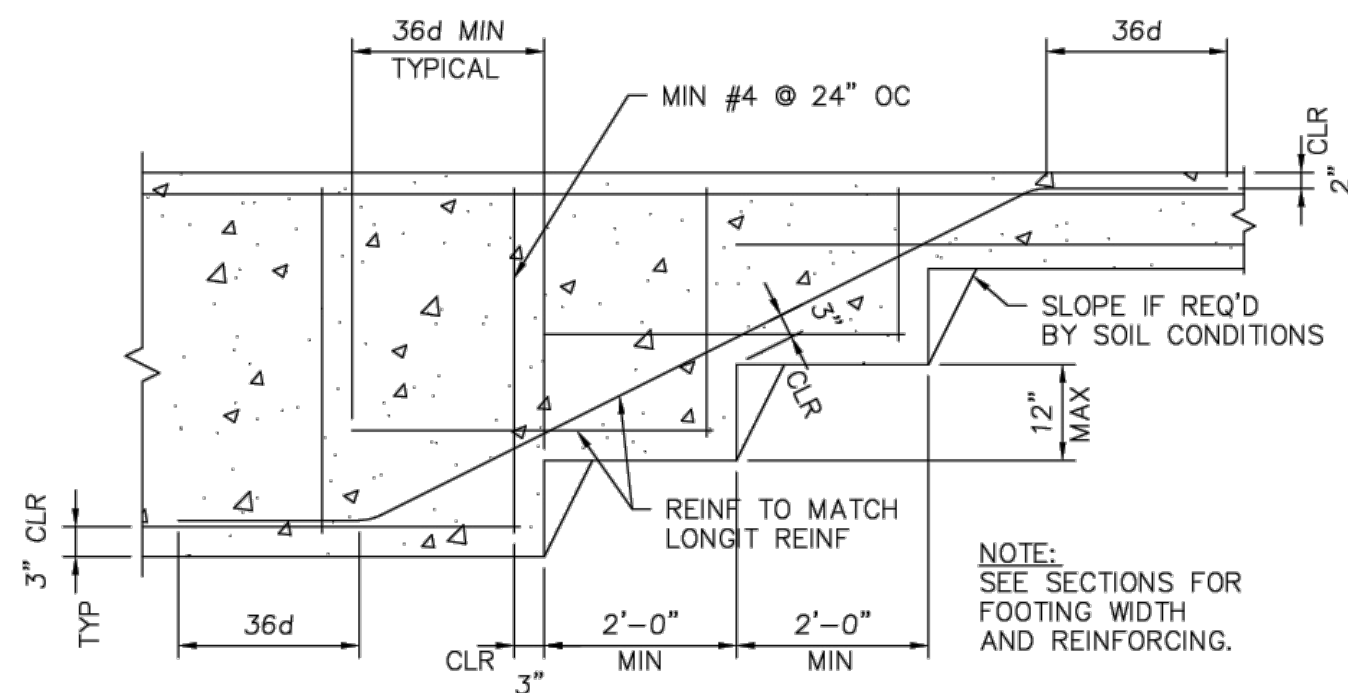
DETAIL 2

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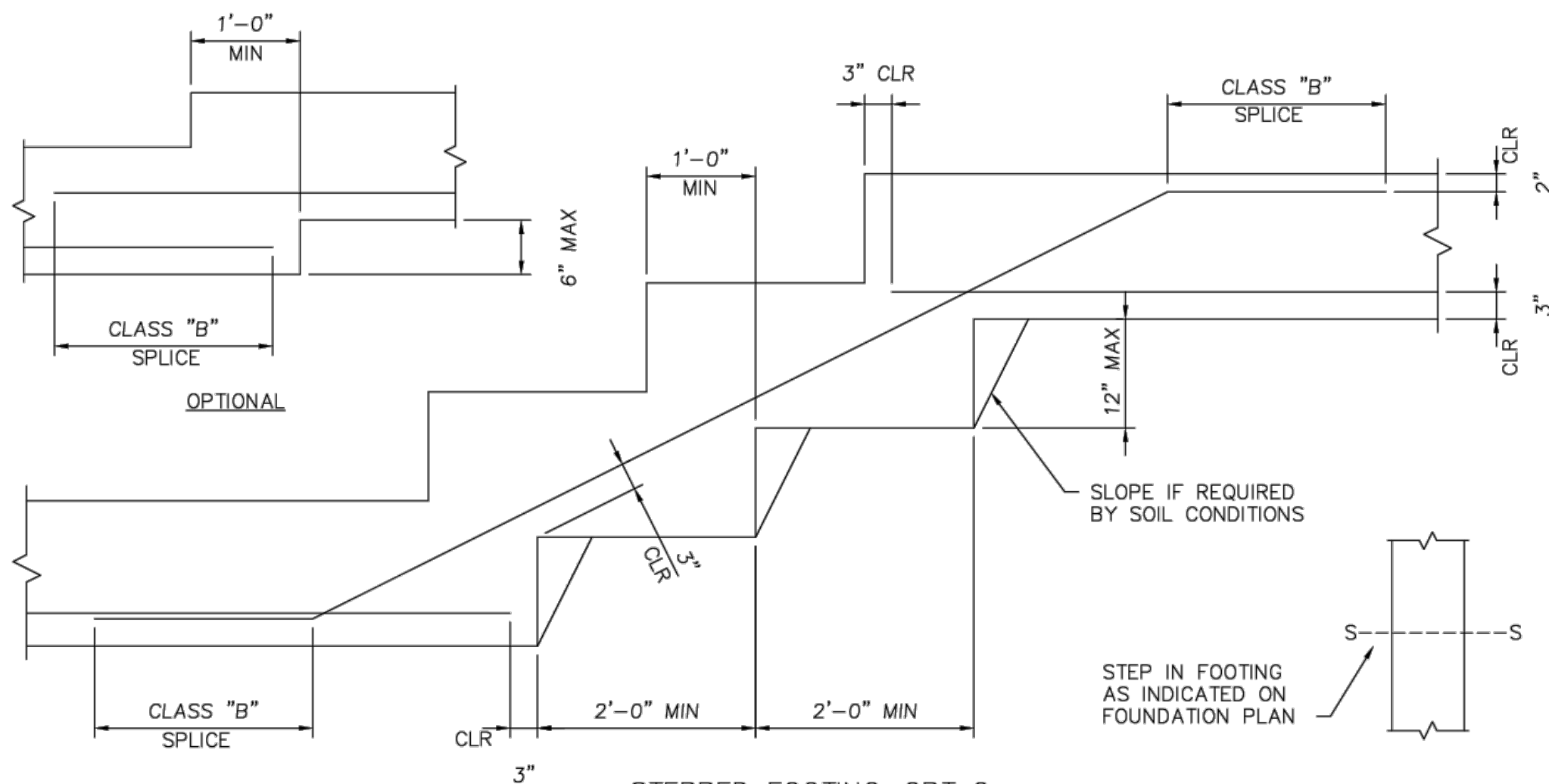
DETAIL 2

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DETAIL 3

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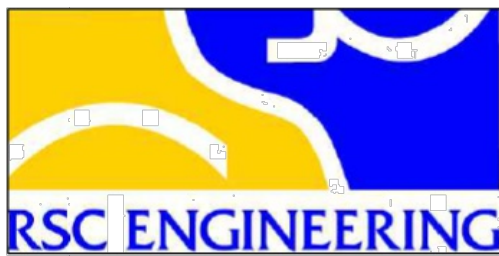


DETAIL 4

NO SCALE

MARTIN CONSULTING GROUP, INC.
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916- 783-5263 info@fllandgroup.com



RECORD DRAWINGS
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PROJECT ENGINEER _____ DATE _____
RCE# _____

DESIGNED:	NO.	REVISION	BY	DATE
Z. ARTHUR				
DRAWN: Z. ARTHUR				
CHECKED: J. VANDERPOST				
APPROVED				
INITIALS				

PROJECT NAME	DRAWING NAME
SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	SITE RESTROOM DETAILS
ROCKLIN	COUNTY OF PLACER
CALIFORNIA	



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT DEPARTMENT



SCALE: SEE SHEET
DATE: JANUARY 5, 2026
CITY PROJECT NO.:
SHEET NO. SW1.2
DRAWING: OF 15

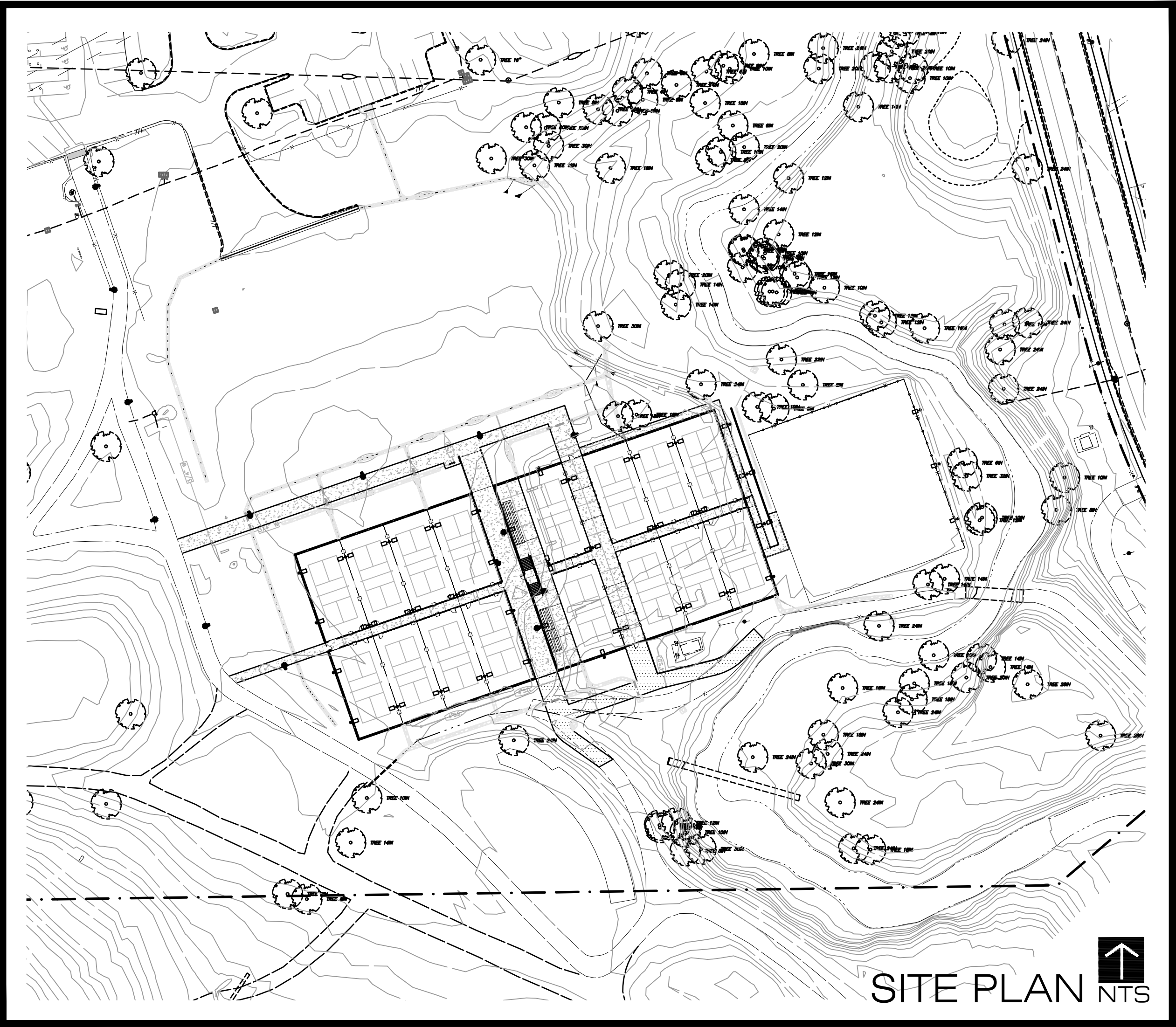
PROJECT TYPE
LANDSCAPE IMPROVEMENTS FOR:

Sunset Whitney Recreation Area Pickleball Courts

GENERAL NOTES

- THE CONTRACTOR SHALL NOT BEGIN ANY WORK SHOWN ON THESE PLANS UNTIL THE CITY ENGINEER'S SIGNATURE OF APPROVAL IS AFFIXED HEREON AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY, OWNER, ENGINEER, AND LANDSCAPE ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE CITY, OWNER, ENGINEER, OR LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THEY SHALL CONTACT ALL UTILITY COMPANIES FOR VERIFICATION OF THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL UNDERGROUND SERVICE ALERT AT 800-642-2444 48 HOURS PRIOR TO ANY EXCAVATION.
- EACH PHASE OF THE PROJECT MUST BE CALLED TO U.S.A. AND CONTINUING EXCAVATION REPORTED EVERY 14 CALENDAR DAYS, AS THE MARKINGS ARE NOT PERMANENT AND WILL FADE OUT. IF THE U.S.A. NOTIFICATIONS ARE NOT KEPT UP TO DATE, THE EXCAVATION MAY BE STOPPED AND A NEW TWO WORKING DAY NOTICE WILL BE REQUIRED BEFORE CONTINUING THE EXCAVATION.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, OR SPECIFIED IN THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL MAINTAIN IN SERVICE ALL DRAINAGE, WATER, SEWER, AND ELECTRICAL LINES.
- VERIFY ALL DIMENSIONS, DISTANCES, INVERT ELEVATIONS, AND GRADES IN THE FIELD AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH THE WORK.
- PROVIDE ALL CLEARING, DEMOLITION, REMOVAL, AND SITE PREPARATION NECESSARY FOR THE PROPER EXECUTION OF ALL WORK SHOWN ON THESE DRAWINGS.
- THE CONTRACTOR WILL BE HELD TO HAVE EXAMINED THE SITE AND COMPARED IT WITH THE DRAWINGS AND SPECIFICATIONS, TO HAVE CAREFULLY EXAMINED ALL THE CONTRACT DOCUMENTS, AND TO HAVE SATISFIED THEMSELVES AS TO THE CONDITIONS UNDER WHICH THE WORK TO BE PERFORMED BEFORE ENTERING INTO THIS CONTRACT. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF AN ERROR ON HIS/HER PART OR HIS/HER NEGLIGENCE OR FAILURE TO ACQUAINT THEMSELVES WITH THE SITE OR THE STREETS OR ROADS APPROACHING THE SAME.
- CONTRACTOR WILL ARRANGE FOR AND PAY ALL NECESSARY PERMITS FOR THE WORK SHOWN ON THESE PLANS AND INDICATED IN THE SPECIFICATIONS.
- CONTRACTOR WILL PROVIDE POSITIVE DRAINAGE IN ALL AREAS (MINIMUM 2% IN PLANTING AREAS). CONTRACTOR SHALL BRING ANY DISCREPANCIES THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH ANY FURTHER WORK.
- CONTRACTOR WILL REMOVE FROM THE SITE ALL DEBRIS AND UNSUITABLE MATERIAL GENERATED DURING AND BY THEIR OPERATIONS.
- CONTRACTOR SHALL PROTECT EXISTING DRAINAGE PATTERNS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL WRITTEN DIMENSIONS WILL SUPERSEDE SCALED DISTANCES. DIMENSIONS ARE FROM FACE OF BUILDING, CURB, WALLS, PROPERTY LINES OR AS NOTED ON THE DRAWINGS.
- CONTRACTOR WILL VERIFY LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WITH WORK. ANY DISRUPTION OR DAMAGE TO SITE UTILITIES CAUSED BY WORK UNDER THIS CONTRACT WILL BE CORRECTED BY THE CONTRACTOR.
- CONTRACTOR WILL PROVIDE PORTABLE SANITARY FACILITIES ADEQUATE FOR ALL WORKERS. FACILITIES ARE SUBJECT TO APPROVAL AND THE HEALTH DEPARTMENT.
- SITE SECURITY FENCING LAYOUT AND SITE CONSTRUCTION STORAGE SHALL BE COORDINATED WITH CITY OF ROCKLIN PUBLIC WORKS MANAGER.
- CONTRACTOR IS RESPONSIBLE TO REPAIR AND REPLACE EXISTING WALKWAYS DAMAGED DURING CONSTRUCTION TO ORIGINAL CONDITION TO THE SATISFACTION OF THE CITY.

PREPARED FOR:
CHRIS LADEAS
CONTRACT CITY ENGINEER
CITY OF ROCKLIN
(916) 865-8244



SHEET INDEX

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LC-2.1	CONSTRUCTION DETAILS	5
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LP-1.0	OVERALL PLANTING PLAN	10
LP-1.1	PLANTING PLAN	11
LP-2.0	PLANTING DETAILS	12

TOTAL SHEETS: 12

SCOPE OF WORK

INSTALLATION OF NEW PICKLEBALL COURT FACILITY; INCLUDING CONCRETE WALKS, STAIRS, FENCING, BLEACHERS, DRINKING FOUNTAIN, AND LIGHTING.

RENOVATION OF EXISTING IRRIGATION AND PLANT MATERIAL TO ACCOMMODATE COURTS.

RENOVATION AND ADDITION TO THE EXISTING STORM DRAINAGE SYSTEM TO ACCOMMODATE PLACEMENT OF THE COURTS.

RENOVATION AND ADDITION TO THE EXISTING STORM DRAINAGE SYSTEM TO ACCOMMODATE PLACEMENT OF THE DRINKING FOUNTAIN.

MODEL CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING MODEL CODES:

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC).
2022 CALIFORNIA BUILDING CODE (CBC).
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC),
2022 CALIFORNIA MECHANICAL CODE (CMC),
2022 CALIFORNIA PLUMBING CODE (CPC),
2022 CALIFORNIA ELECTRICAL CODE (CEC),
2022 CALIFORNIA ENERGY CODE (CEC PART 6),
2022 CALIFORNIA FIRE CODE (CFC).

RECORD DRAWINGS

ALL INFORMATION SHOWN ON THESE PLANS HAVE BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.

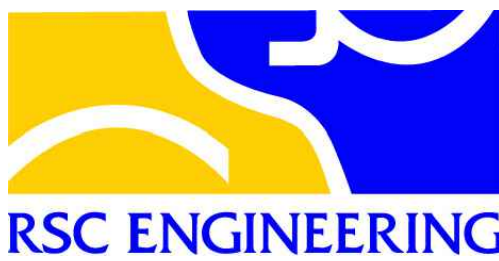
PROJECT ENGINEER

DATE

RCE#



Know what's below.
Call before you dig.



DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS
NO.	REVISION	BY	DATE	

PROJECT NAME	SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME	COVER SHEET
ROCKLIN	COUNTY OF PLACER
CALIFORNIA	



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: NONE
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.: CV-1.0
DRAWING: 1 OF 12

CONSTRUCTION KEYNOTES

CODE	DESCRIPTION	DETAIL
1 GENERAL KEYNOTES		
1-01	EXISTING MAINTENANCE BUILDING.	--
1-02	EXISTING PARKING LOT.	--
1-03	EXISTING TRAIL TO REMAIN.	--
1-04	EXISTING TENNIS COURT PAVEMENT TO REMAIN. REMOVE EXISTING TENNIS SURFACING AND STRIPING. PAINT PAVEMENT DARK GREEN TO MATCH PICKLEBALL COURTS.	--
1-05	EXISTING TENNIS COURT FENCE ON NORTH AND EAST SIDE - KEEP EXISTING POSTS AND REMOVE AND DISPOSE OF EXISTING FABRIC. INSTALL NEW CHAIN LINK FABRIC TO MATCH PICKLEBALL COURTS.	--
1-06	EXISTING LIGHT POLES TO REMAIN - TYP OF 3. REPLACE EX. LIGHT FIXTURE WITH FIXTURE TO MATCH PICKLEBALL COURTS.	--
1-07	PROPOSED FUTURE BUILDING PAD.	--
1-08	PROPOSED CONCRETE WALKS - SEE CIVIL PLANS.	--
1-09	PROPOSED AC TRAIL - SEE CIVIL PLANS.	--
1-10	PROPOSED COURT LIGHTING - SEE ELECTRICAL PLANS.	--
1-11	PROPOSED PATHWAY LIGHTING - SEE ELECTRICAL PLANS.	--
2 SITE KEYNOTES		
2-01	PROVIDE DRINKING FOUNTAIN - TYP. OF 1. MODEL: 10145 SM COLOR: GREEN MANUFACTURER: MOST DEPENDABLE FOUNTAINS, INC CONTACT: 901.867.0039 SEE SITE ENLARGEMENT, NEXT SHEET.	D/LC-2.1
2-02	PROVIDE BLEACHERS - TYP. OF 4. MODEL: 1183-315A MANUFACTURER: PW ATHLETICS COLOR: ALUMINUM CONTACT: 866.695.0914 SEE SITE ENLARGEMENT, NEXT SHEET.	E/LC-2.1
2-03	PROVIDE POST TO SECURE GARBAGE CANS PER CITY OF ROCKLIN STANDARDS. TYP. OF 2. COLOR: BLACK SEE SITE ENLARGEMENT, NEXT SHEET.	C/LC-2.1
2-04	PROVIDE PICKLEBALL COURTS WITH SURFACING.	A & G/LC-2.0
3 CONCRETE KEY NOTES		
3-01	PROVIDE 12" POURED IN PLACE RETAINING WALLS WITH FENCING. SEE SITE ENLARGEMENT, NEXT SHEET.	A & B/LC-2.1
3-02	PROVIDE CONCRETE STAIRS. SEE SITE ENLARGEMENT, NEXT SHEET.	F/LC-2.0
5 METAL KEY NOTES		
5-01	PROVIDE 10' PERIMETER FENCING WITH WIND FABRIC. SEE SITE ENLARGEMENT, NEXT SHEET.	A & B/LC-2.0
5-02	PROVIDE 4' INTERIOR FENCE. SEE SITE ENLARGEMENT, NEXT SHEET.	C/LC-2.0
5-03	PROVIDE 7' TALL PEDESTRIAN GATE. SEE SITE ENLARGEMENT, NEXT SHEET.	A/LC-2.0
5-04	PROVIDE 4' TALL PEDESTRIAN GATE. SEE SITE ENLARGEMENT, NEXT SHEET.	D/LC-2.0
5-05	PROVIDE 42" TALL GUARDRAIL AT STAIR LANDING. SEE SITE ENLARGEMENT, NEXT SHEET.	E/LC-2.0



FOR SITE ENLARGEMENT, SEE SHEET LC-1.1.

RECORD DRAWINGS

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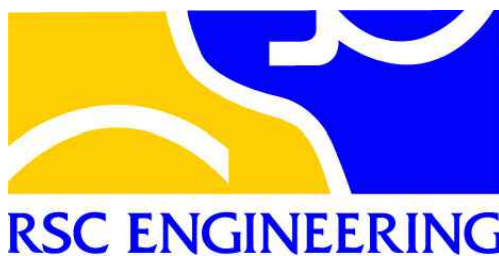
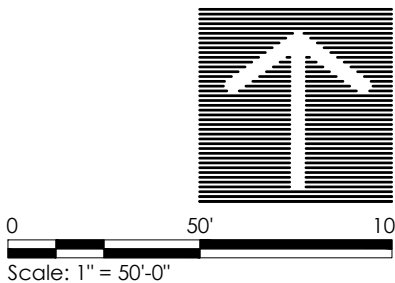
PROJECT ENGINEER

DATE

RCE#



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DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS

NO.	REVISION	BY	DATE

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DRAWING NAME
OVERALL CONSTRUCTION PLAN

ROCKLIN COUNTY OF PLACER CALIFORNIA



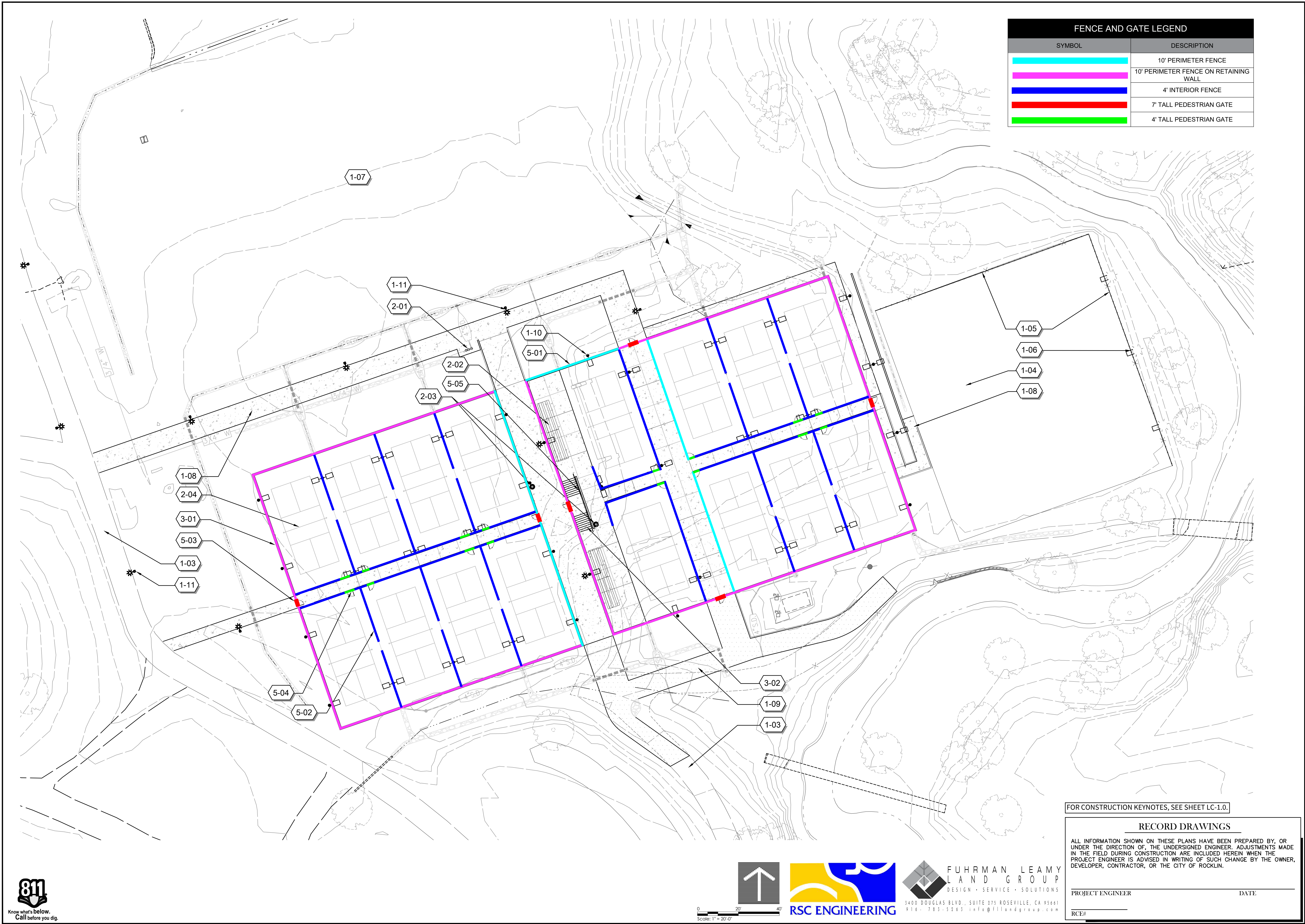
CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: 1"=50'

DATE: 01.07.2026
CITY PROJECT NO.:

SHEET NO.:
LC-1.0
DRAWING: 2 OF 12



FENCE AND GATE LEGEND	
SYMBOL	DESCRIPTION
	10' PERIMETER FENCE
	10' PERIMETER FENCE ON RETAINING WALL
	4' INTERIOR FENCE
	7' TALL PEDESTRIAN GATE
	4' TALL PEDESTRIAN GATE

FOR CONSTRUCTION KEYNOTES, SEE SHEET LC-1.0.

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PROJECT ENGINEER

DATE

RCE#

DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS

NO.	REVISION	BY	DATE

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DRAWING NAME
CONSTRUCTION PLAN

ROCKLIN
COUNTY OF PLACER
CALIFORNIA



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



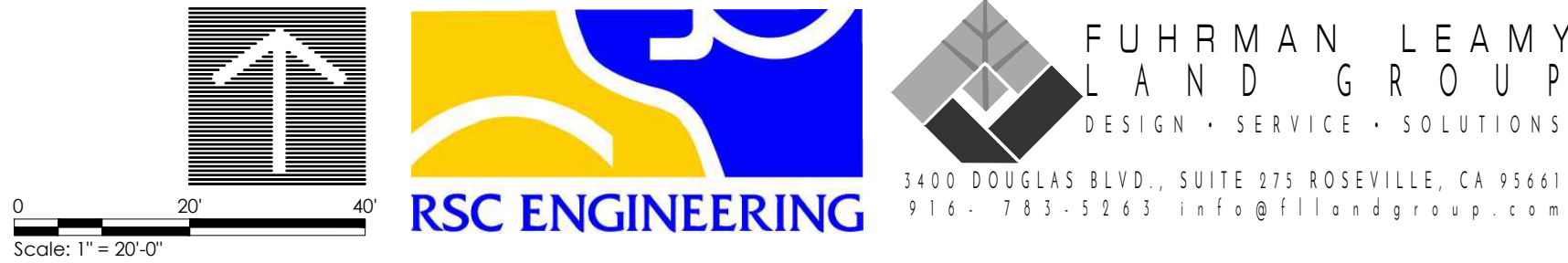
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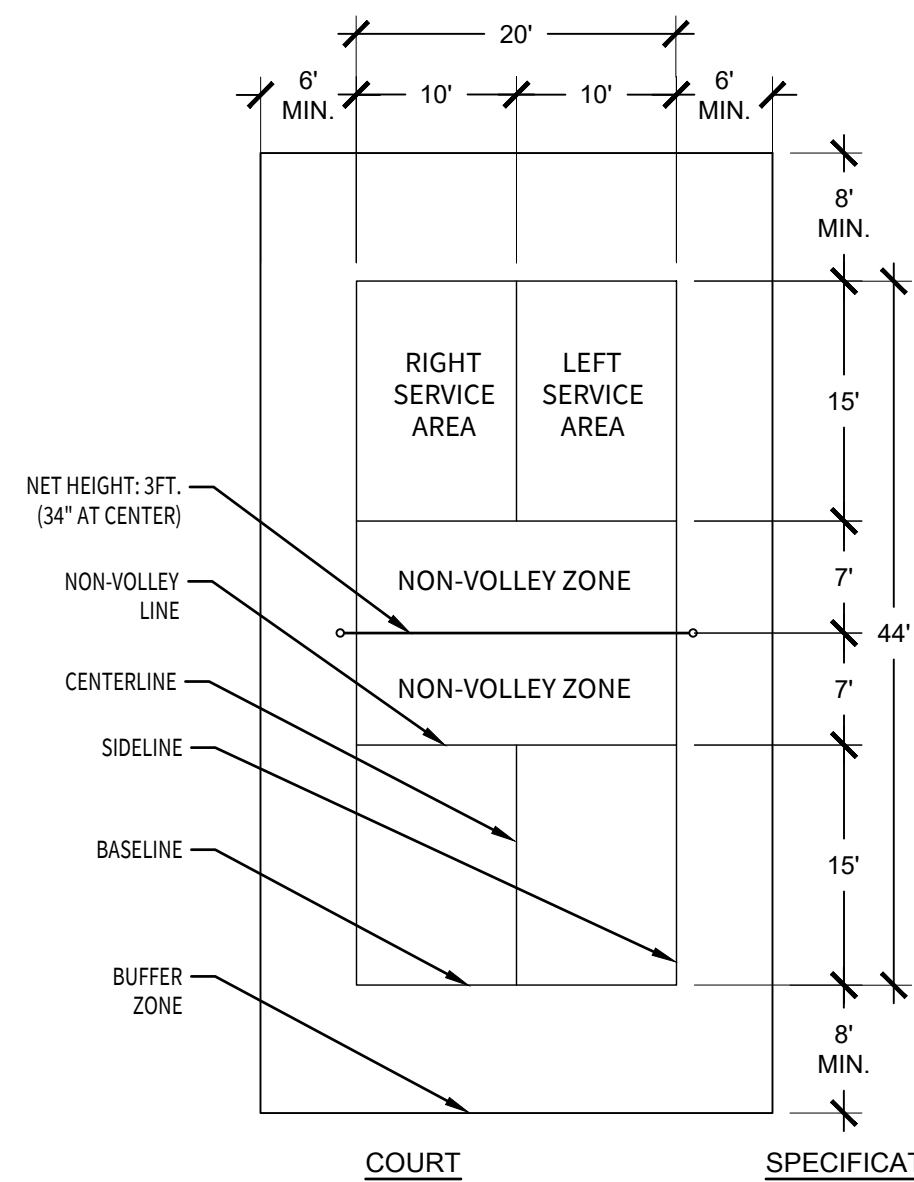
DATE: 01.07.2026

CITY PROJECT NO.:

SHEET NO.:
LC-1.1

DRAWING: 3 OF 12

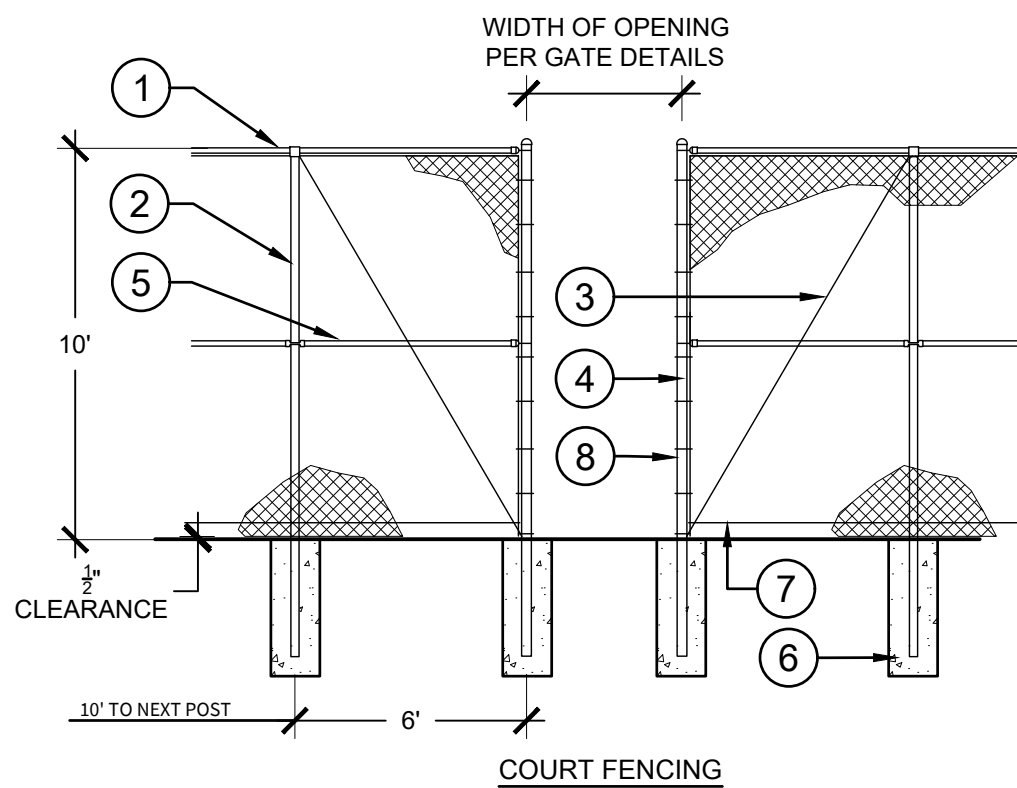




NET SPECIFICATIONS

- MATERIAL: THE NET MUST BE AN OFFICIAL PICKLEBALL NET.
- NET SIZE: LENGTH SHALL BE AT LEAST 20' EXTENDING FROM ONE SIDELINE TO THE OTHER.
- MESH SIZE: MUST BE SUFFICIENTLY SMALL TO PREVENT A BALL FROM PASSING THROUGH IT.
- HEIGHT: NET SHALL BE SUSPENDED OVER CENTER OF COURT, SHALL BE 36" HIGH AT SIDELINES AND 34" HIGH AT CENTER OF COURT. NET SHALL TOUCH THE GROUND.
- NET EDGE: TOP OF NET SHALL BE EDGED WITH 2" WHITE BINDING OVER A CORD OR CABLE RUNNING THROUGH THE BINDING.
- POSTS: SHALL BE PLACED 12" OUTSIDE THE SIDELINES. RECOMMENDED HEIGHT OF POST IS 36'.

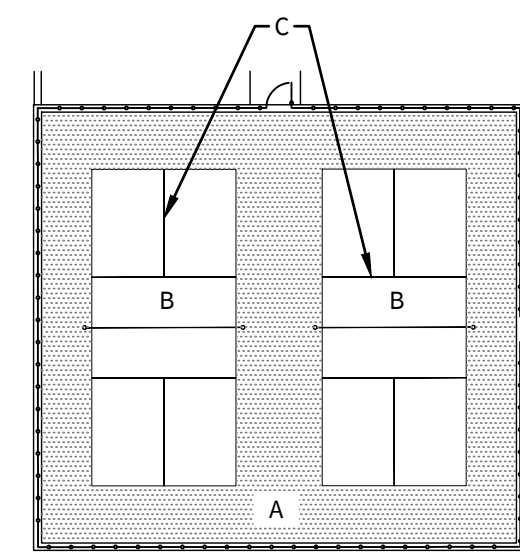
NOTE: COURT MEASUREMENTS SHALL BE MADE TO THE OUTSIDE OF THE LINES. ALL STRIPING LINES SHALL BE 2" IN WIDTH AND THE SAME COLOR, CLEARLY CONTRASTING WITH THE COLOR OF THE COURT SURFACE.



- TOP RAIL - 1 5/8" O.D.
- LINE POST - 2 1/2" O.D.
- TRUSS ROD - 3/8"
- TERMINAL AND GATE POSTS - 3" O.D. COATED BLACK.
- MID-RAIL - 1 5/8" O.D.
- CONCRETE FOOTING - SEE STRUCTURAL CALCS.
- NO. 6 GA. TENSION WIRE, TIED 24" O.C.
- POST BAND - 1" O.C.
- 7" X 4" GATE TO OPEN OUT. SOLID 12" PLATE AT LATCH.
- HINGES.
- LEVER HARDWARE TO MATCH CAMPUS STANDARD.

NOTES

- FENCE ELEVATION IS TYPICAL. ACTUAL LOCATION OF GATE SHALL BE AT THE EXACT PLACE SHOWN ON THE SITE PLAN.
- NO CONCRETE SHALL BE PLACED IN THE FOOTING WITHOUT ONSITE INSPECTION AND APPROVAL OF THE CONSTRUCTION MANAGER.
- ALL POSTS AND RAILS SHALL BE SCH. 40, HOT-DIPPED GALVANIZED, POWDER COATED BLACK.
- ALL ASSORTED HARDWARE SHALL BE GALVANIZED, POWDER COATED BLACK.
- PIPE WEIGHTS: 1 5/8" O.D. = 1.83 LBS./LIN. FT.
2 1/2" O.D. = 3.11 LBS./LIN. FT.
3" O.D. = 4.64 LBS./LIN. FT.
- FABRIC TO BE HOT-DIP GALVANIZED DIN EN ISO 1661 AND ADDITIONAL POWER COATED BLACK.
- ALL PAVEMENT SURFACES ARE TO BE COLOR COATED INCLUDING EDGES OUTSIDE THE FENCE.

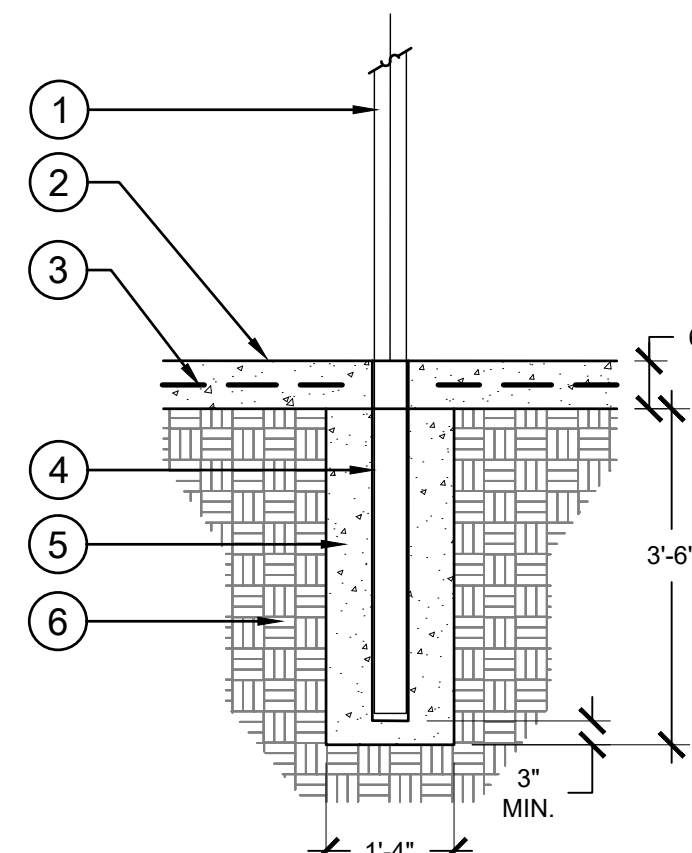


COURT STRIPING AND COLOR FIELDS

CONCRETE PROVIDE 2" AC OVERS" AB ASPHALT COURT WITH 1ST AND 2ND COAT ACRYLIC RESURFACER PROVIDED BY PLEXIPAVE. PLEXI HARDCOURT SYSTEM (PLEXI STANDARD) OR APPROVED EQUAL. CONTACT DAVE ROSENTHAL 303.900.2479.

- A. OUTER COURT COLOR: DARK GREEN
B. INNER COURT COLOR: LIGHT BLUE
C. STRIPING: WHITE (2" WIDE)

NOTE: COLORS TO BE CONFIRMED BY CITY DURING SUBMITTAL PROCESS.



- STEEL FENCE POST FOR CHAIN LINK FENCING. FILL WITH NON-SHRINK GROUT. 24" MINIMUM EMBEDMENT.
- 12" WIDE X 6" DEEP CONCRETE BAND.
- 2 - #4 REBAR @ MID DEPTH CONTINUOUS.
- PROVIDE STEEL SLEEVE FOR FENCE POST INSERT. SLEEVE SHALL BE 1/2" LARGER THAN POST SIZE REQUIRED.
- CONCRETE FOOTING FOR FENCE POST. HOLD FOOTING 6" BELOW FINISH SURFACE FOR 6" CONCRETE BAND.
- COMPACTED SUB-GRADE TO 90% RELATIVE COMPACTION.

NOTE: PROVIDE 3/4" FELT EXPANSION JOINT WHERE BAND IS ADJACENT TO ANY OTHER CONCRETE FINISH SURFACE.

A PICKLEBALL COURT

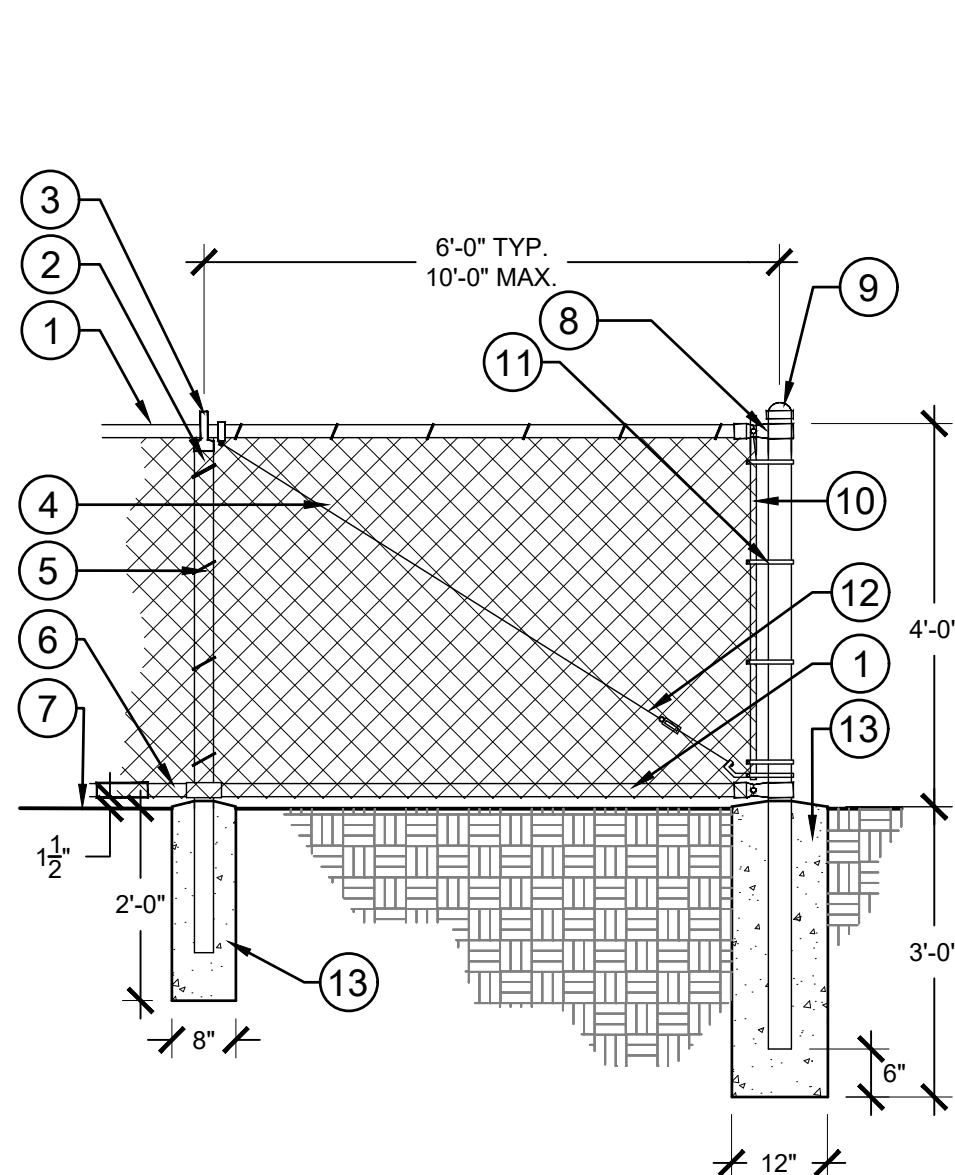
N.T.S.

PR-24042-53

B PICKLEBALL - FENCE @ CONCRETE BAND

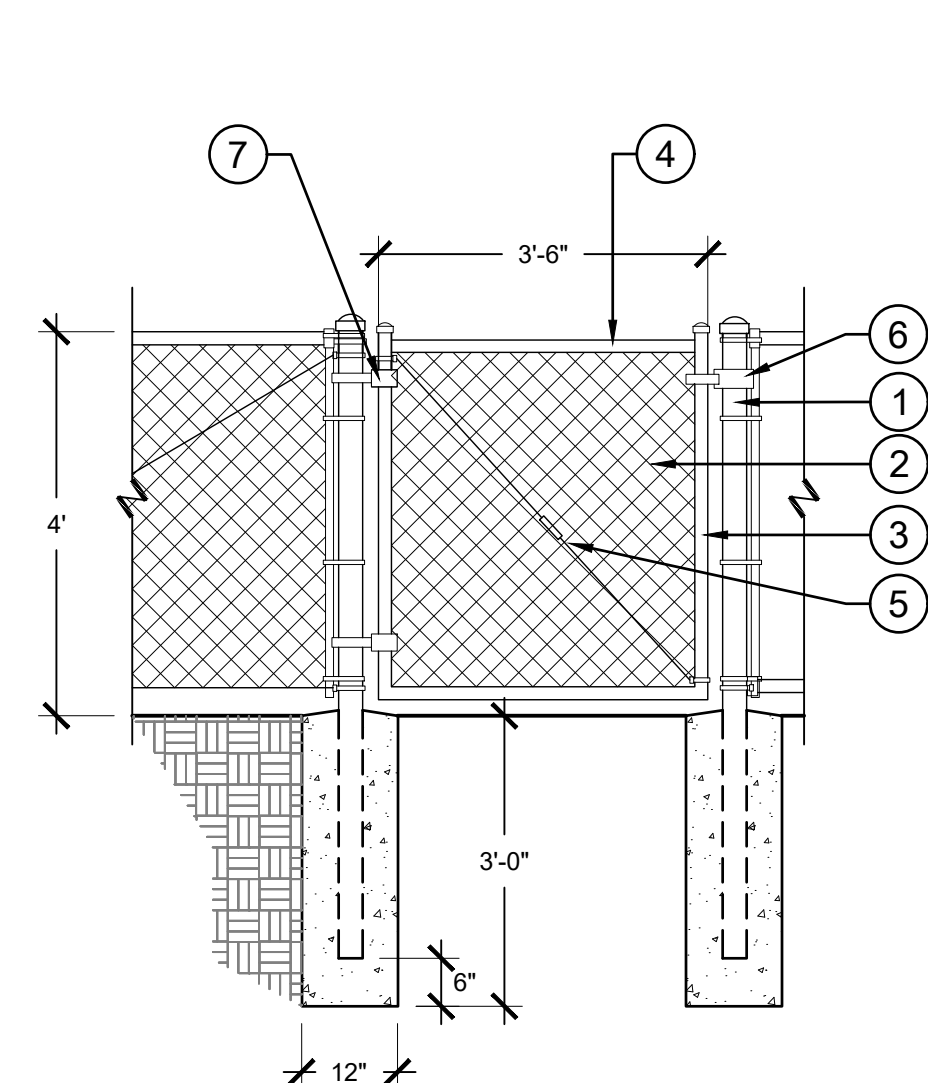
1/2" = 1'-0"

PR-24042-54

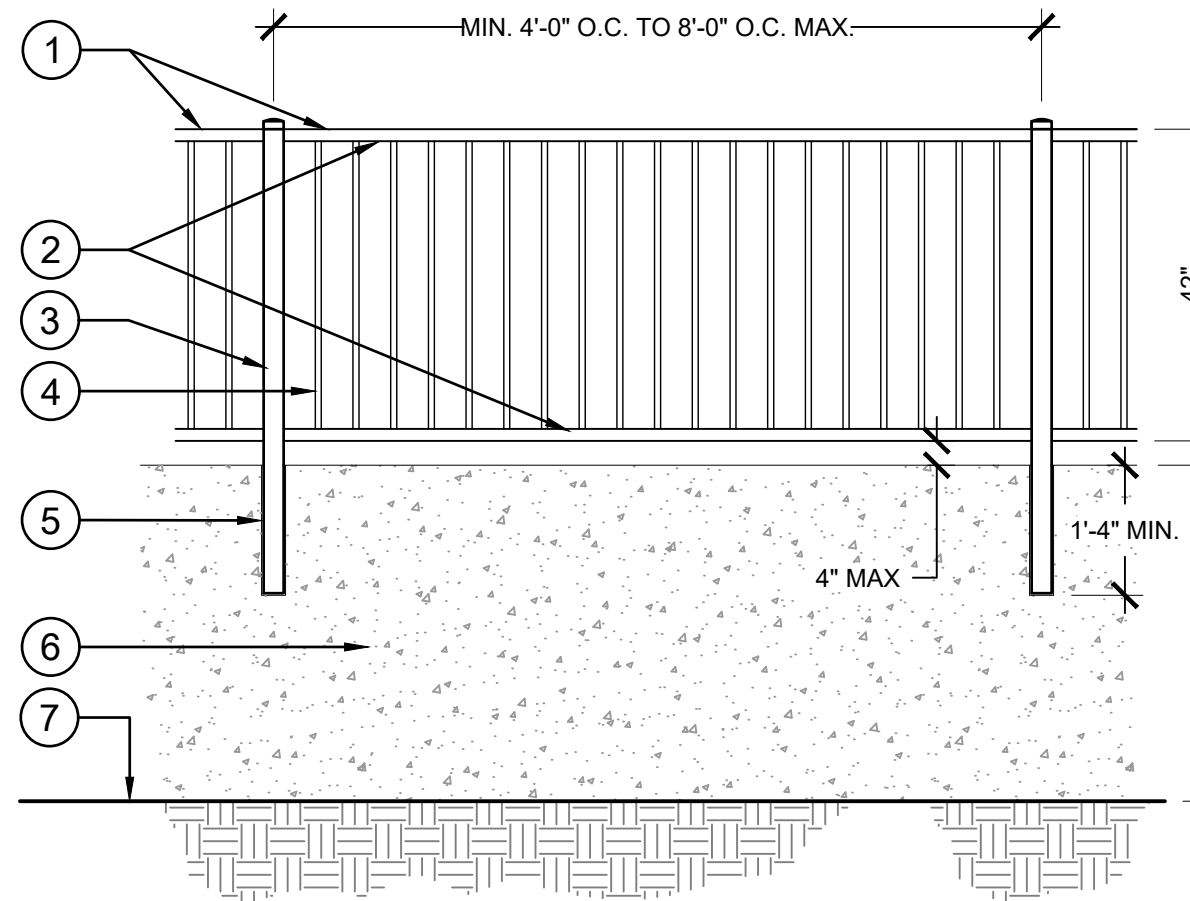


- 1-5/8" O.D. TOP & BOTTOM RAIL, TYP.
- TOP RAIL LINE POST CAP, TYP.
- 2" O.D. LINE POST, TYP.
- 2"x2", 9 GA. MESH CHAIN LINK FABRIC. PLASTISOL COATED, BLACK.
- 9 GA. WIRE TIES AT 12" O.C., TYP.
- OUTSIDE EXPANSION SLEEVE, TYP.
- FINISH GRADE.
- RAIL CLAMP, TYP.
- 2-1/2" O.D. TERMINAL AND CORNER POST, TYP.
- 1/4"x3/4" STEEL TENSION BAR, TYP.
- POST BAND AT 1'-0" O.C., TYP.
- 3/8" TRUSS ROD OR HEAVY DUTY STEEL DIAGONAL BRACE, MIN 1/2" DIA., WITH TURNBUCKLES AT ALL END PANELS AND CORNERS, TYP.
- 3,500 PSI CONCRETE FOOTING, TYP. 8"x24" FOR LINE POSTS AND 12"x36" FOR TERMINAL AND CORNER POST.

NOTES:
A. ALL PIPE, AND HARDWARE SHALL BE POWDERCOAT BLACK.
B. FABRIC SHALL BE INSTALLED ON THE OUTSIDE WITH KNUCKLED SELVAGE AT TOP AND BOTTOM, TYP.



- 3" DIA. LINE POST.
- CHAIN LINK FABRIC.
- 1-5/8" GALV. PIPE FRAME, KNUCKLE AND TIE FABRIC TOP AND BOTTOM.
- KNUCKLE TIE FABRIC TO HEAD RAIL.
- 3/8" STEEL TENSION ROD WITH TIGHTENER.
- SWING LATCH, WITH HOLE FOR MASTER LOCK.
- TWO HINGES.



- WELDED PANEL.
- 1-1/4" SQ. RAILS - 16 Ga.
- 2" SQ. POST - 11 Ga. WITH CAP. PLACE POSTS 8'-0" O.C. MAXIMUM. PLACE POSTS IN METAL SLEEVES AND POR ROC CEMENT IN PLACE.
- 3/4" SQ. PICKET - 18 Ga. 4" O.C.
- PROVIDE SLEEVES OR DIRECT PLACE POST IN MASONRY WALL, 16" MIN. DEPTH. GROUT IN PLACE. SEE CIVIL DETAILS.
- CONCRETE STAIRCASE PLATFORM, SEE CIVIL PLANS FOR LOCATIONS.
- FINISH GRADE

FINISH: PAINT ALL METAL WITH TWO COATS SHOP PRIMER AND ONE COAT ENAMEL PAINT. COLOR PER FINISH SCHEDULE.

C CHAIN LINK METAL FENCE (4' INTERIOR)

1/2" = 1'-0"

PR-24042-06

D CHAIN LINK PEDESTRIAN GATE (4' INTERIOR)

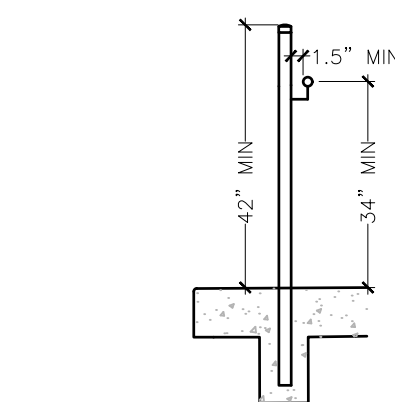
1/2" = 1'-0"

PR-24042-07

E 42" METAL GUARDRAIL ON CONCRETE STAIR LANDING

1/2" = 1'-0"

PR-24042-11



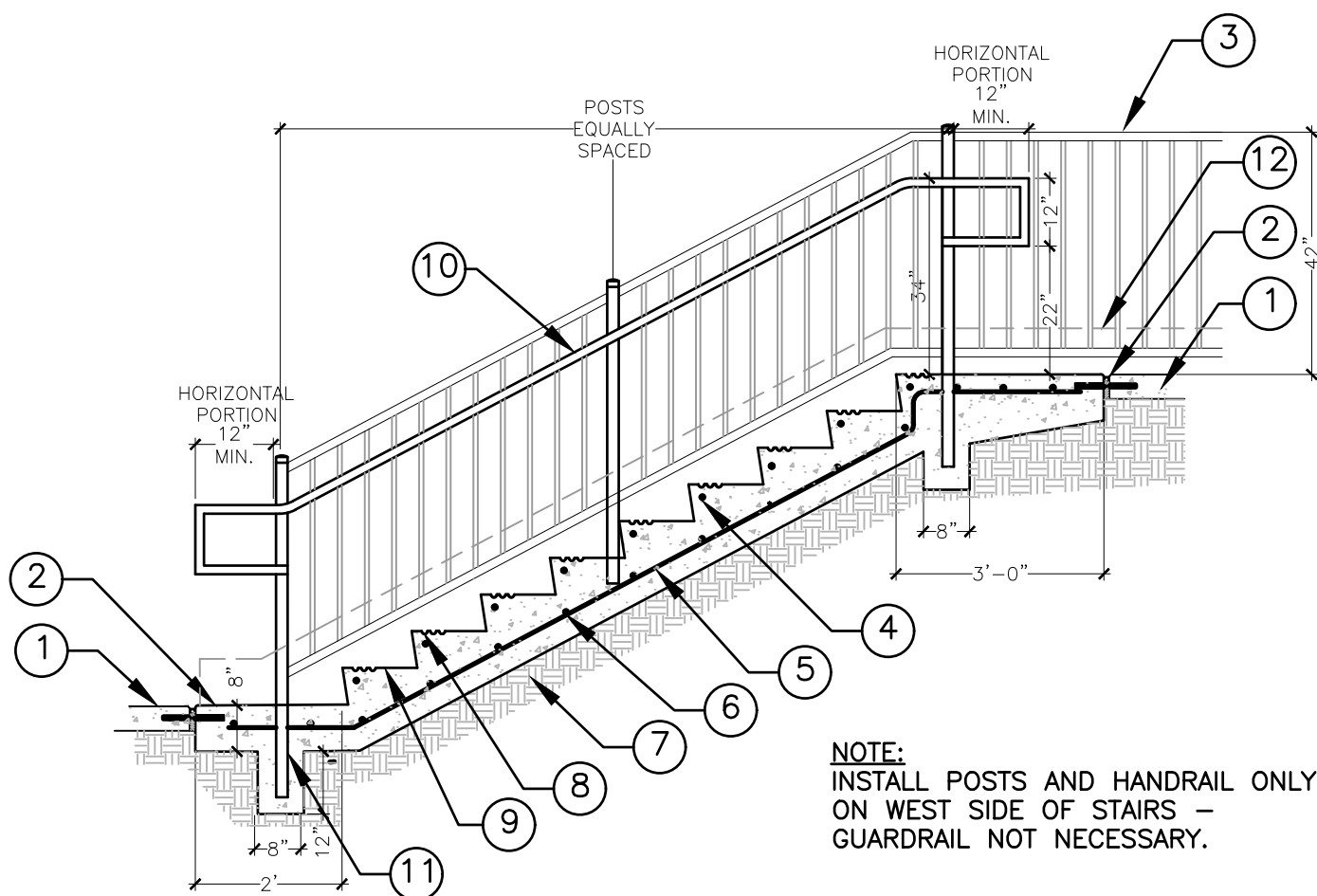
NOTES

- MINIMUM CLEARANCE BETWEEN HANDRAIL AND ADJACENT FENCE 1.5".
- 34" TO 36" TO RAIL.
- ATTACH HANDRAIL TO FENCE POSTS USING METAL BRACKETS.

NOTE: APPLY 2 COATS PRIMER TO ALL PREFABRICATED UNITS AND INDIVIDUAL PIECES. APPLY 2 COATS BLACK ENAMEL PAINT TO ALL EXPOSED SURFACES.

F STAIRS & HANDRAIL

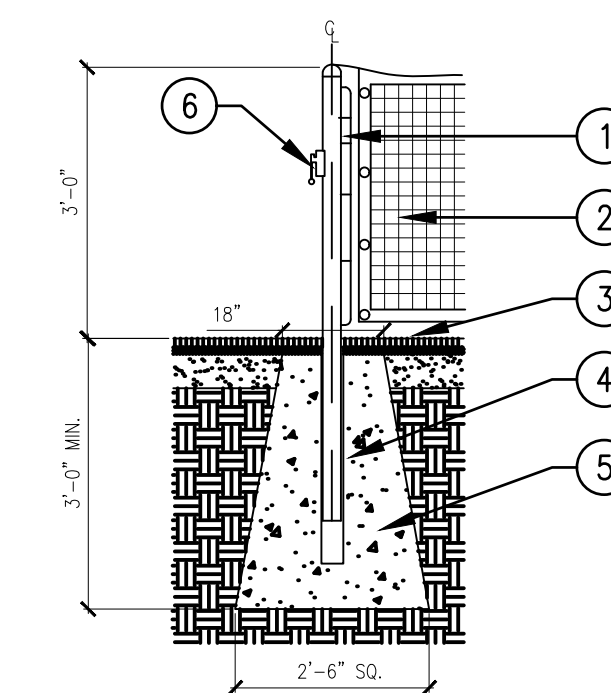
SCALE: 1/2" = 1' - 0"



NOTE: INSTALL POSTS AND HANDRAIL ONLY ON WEST SIDE OF STAIRS - GUARDRAIL NOT NECESSARY.

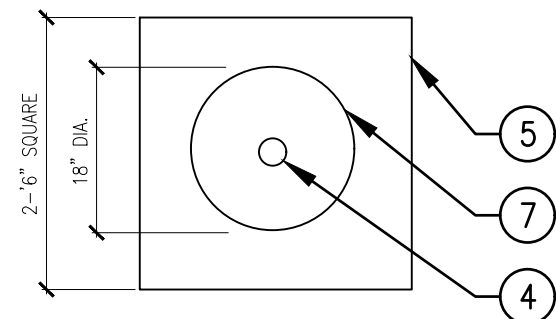
LEGEND

- ADJACENT CONCRETE PAVING.
- 1/2" X 12" SMOOTH STEEL DOWEL 2" O.C., LUBRICATE ONE END.
- ADJACENT 42" METAL FENCE - SEE DETAIL E / LC-2.0.
- #3 NOSE REBAR WITH 1-1/2" CLEARANCE, TYPICAL.
- #4 REBAR CONTINUOUS.
- #4 REBAR 12" O.C. BOTH WAYS.
- SUBGRADE PER GEOTECHNICAL REPORT.
- 2" GROOVE TOOLED TREAD BAND @ NOSE, TYP. BEGIN 1" FROM RISER NOSING. PAINT ALL EXTERIOR STEP WARNING STRIPS BLACK OR COLOR AS APPROVED.
- CONCRETE STEPS, MEDIUM BROOM FINISH.
- 1 1/2" O.D. GALVANIZED METAL HANDRAIL.
- CORE DRILL FOR FENCE POSTS - MIN 16" EMBED. FILL WITH EPOXY AFTER SETTING POSTS, COLOR TO MATCH CONCRETE.
- CONCRETE CURB/ WALL. SEE DETAIL 1. SHEET C3.4 IN CIVIL PLANS FOR HEIGHT.



SECTION

- NOTES:
1. 22'-0" CL TO CL



PLAN

LEGEND:

- NET POST (LACING ROD OPTIONAL).
- PICKLEBALL NET.
- COURT PAVEMENT.
- NET POST SET IN SLEEVE.
- CONCRETE FOOTING BASE - POUR TO STABLE UNDISTURBED SOIL.
- NET TIGHTENER.
- CONCRETE FOOTING TOP.

G PICKLEBALL COURT - NET POST FOOTING

SCALE: N.T.S.

FOR INSTALLATIONS AND STRUCTURAL DETAILS, SEE SHEETS SW1.0 - SW1.2.

RECORD DRAWINGS

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PROJECT ENGINEER

DATE

RCE#

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

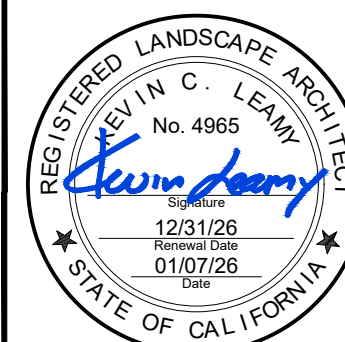
DRAWING NAME

CONSTRUCTION DETAILS

CALIFORNIA

COUNTY OF PLACER

ROCKLIN



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: AS SHOWN

DATE: 01.07.2026

CITY PROJECT NO.:

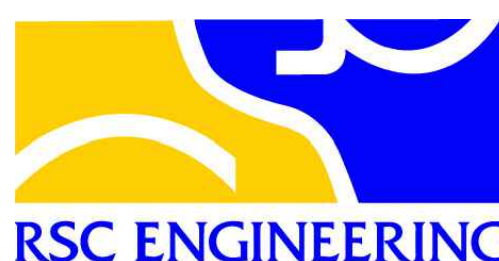
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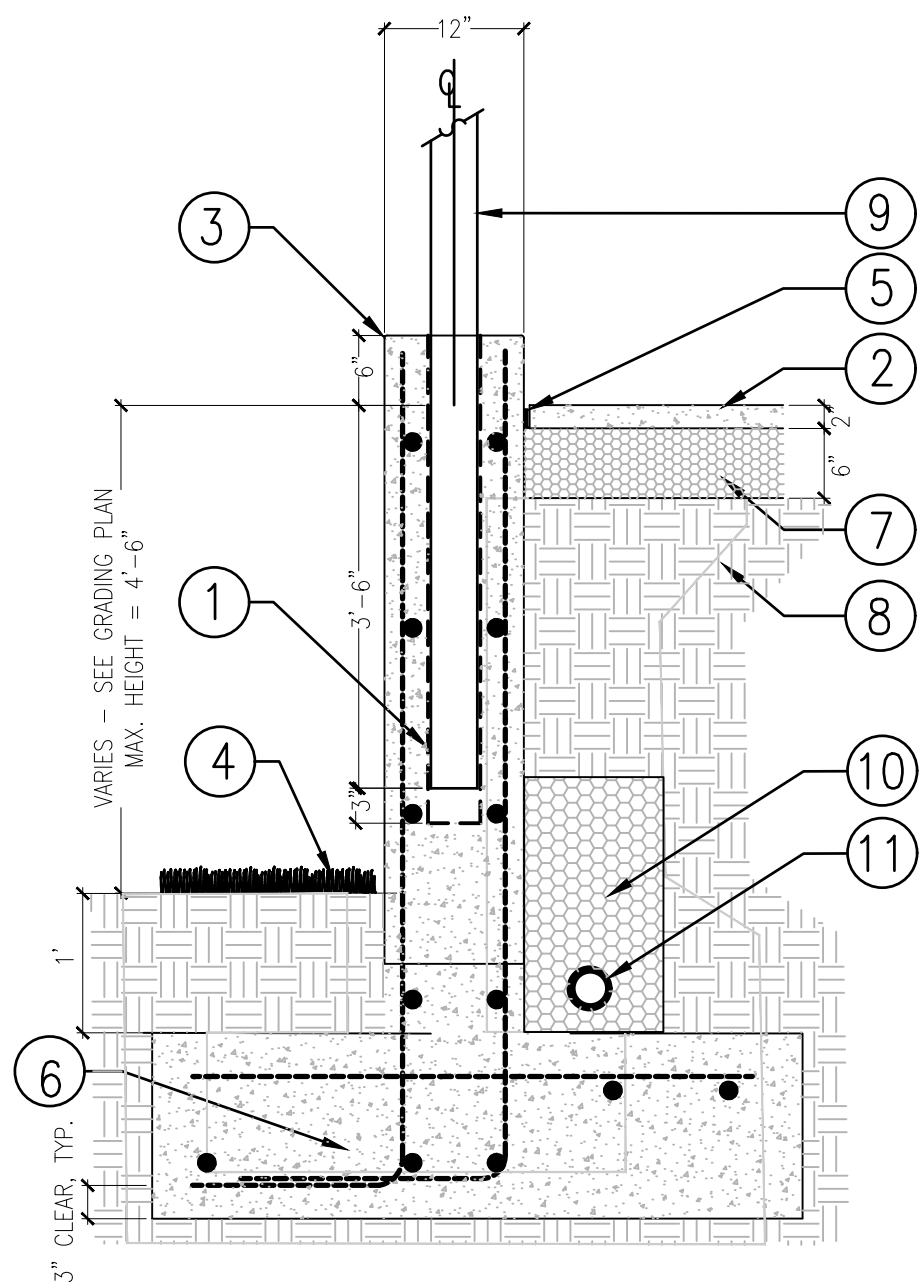
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DRAWING: 4 OF 12

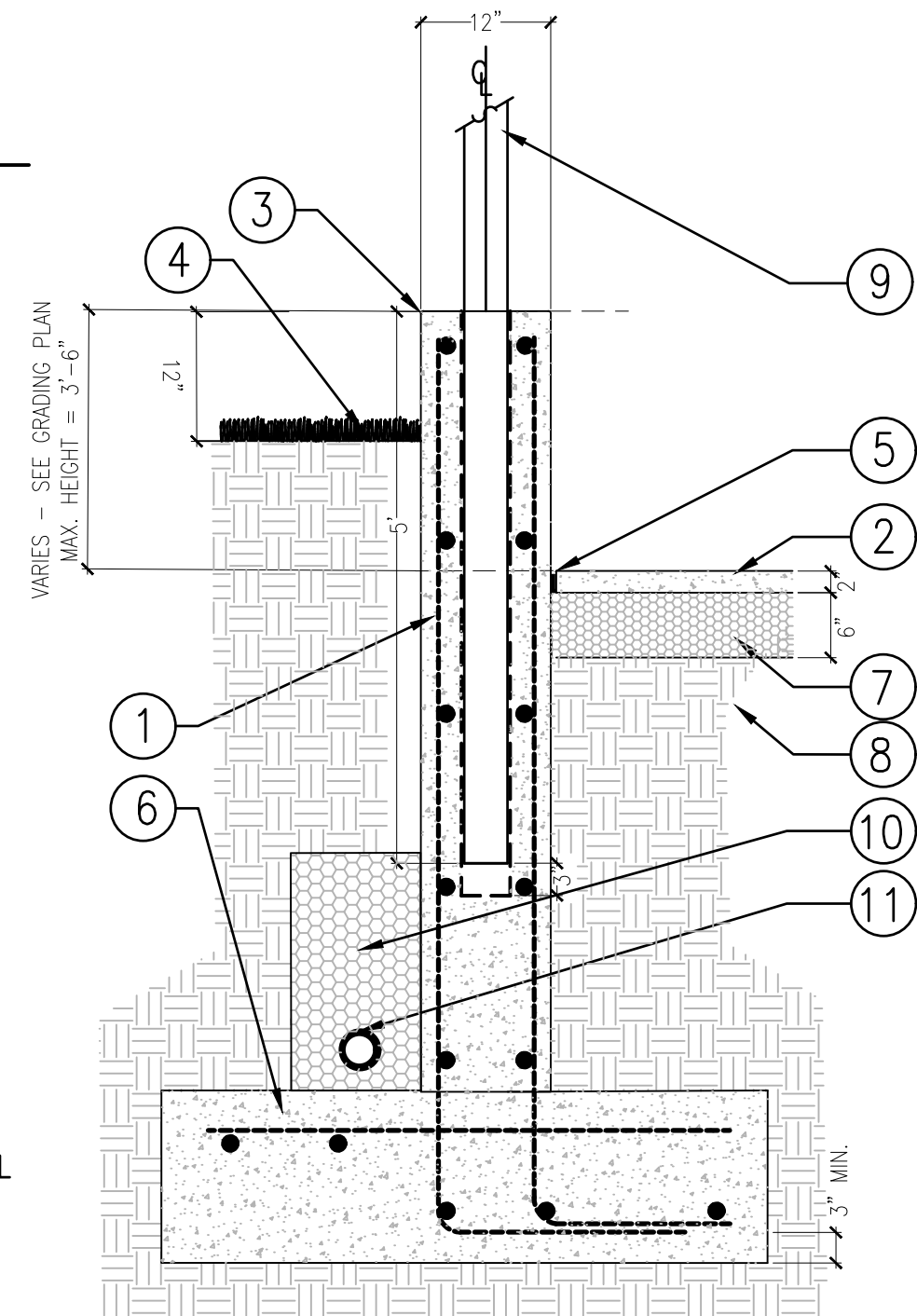


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Call before you dig.

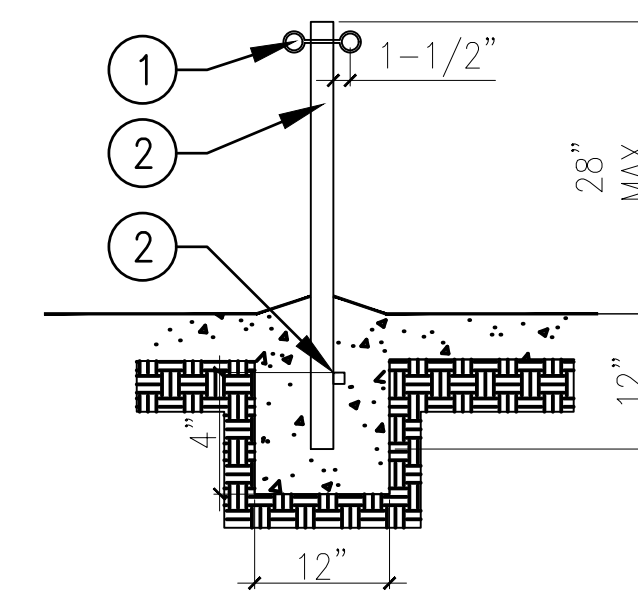




A 12" CONCRETE RETAINING WALL (COURT ABOVE)
SCALE: 3/4" = 1'-0"



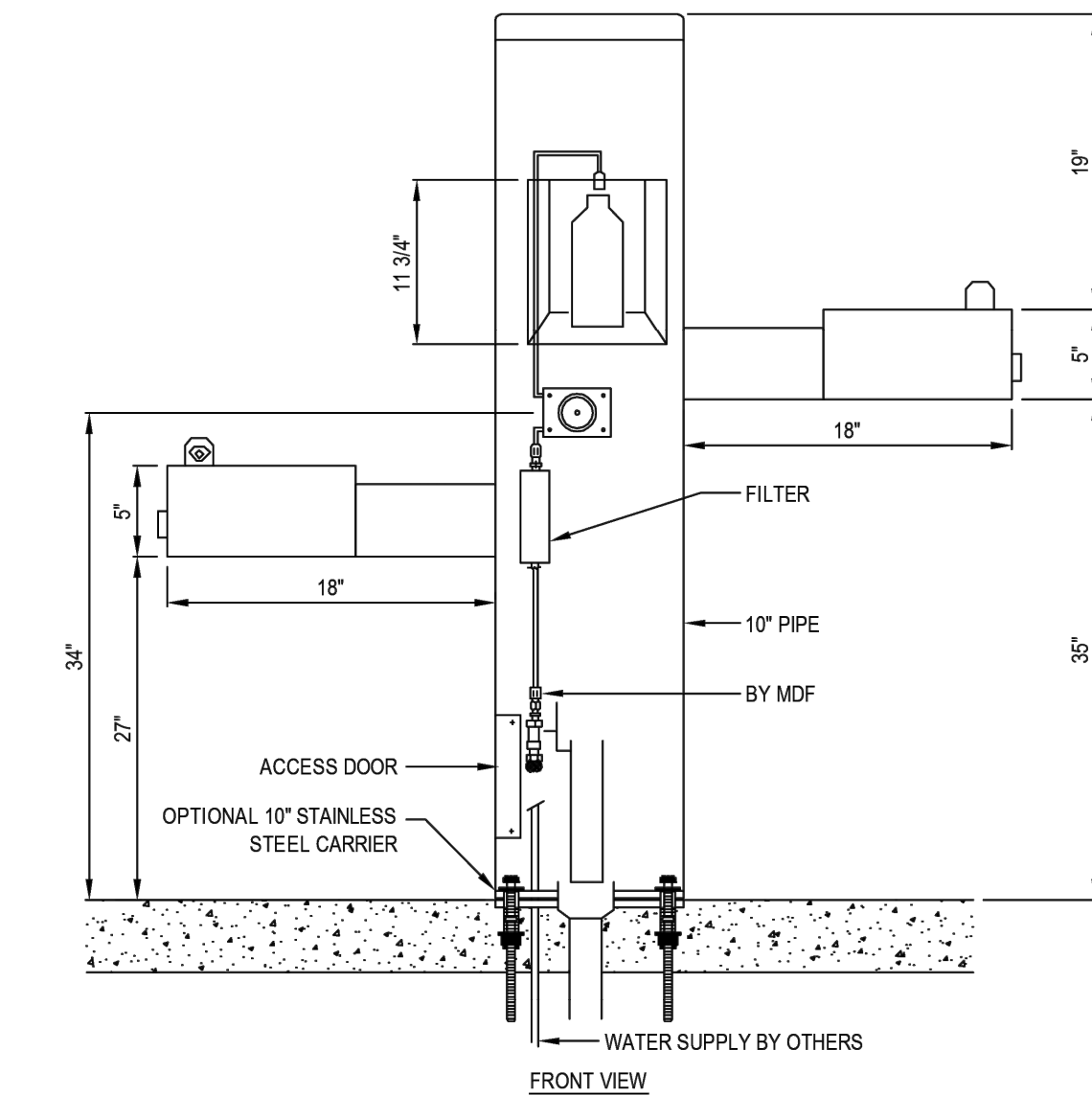
B 12" CONCRETE RETAINING WALL (COURT BELOW)
SCALE: 3/4" = 1'-0"



C GARBAGE CAN POST
SCALE: 3/4" = 1' - 0"



MOST DEPENDABLE FOUNTAINS, INC.
5705 COMMANDER DR. P.O. BOX 587
ARLINGTON, TN 38002-0587
PHONE: (901) 867-0039
www.mostdependable.com



NOTES:
1. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. DO NOT SCALE DRAWING.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
5. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
6. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3354-17.8.

MODEL 10145SM
10145SM SHOWN WITH OPTIONAL 10" SS SURFACE CARRIER

3354-17.8
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REVISION DATE 12/05/2016
CADdetails.com

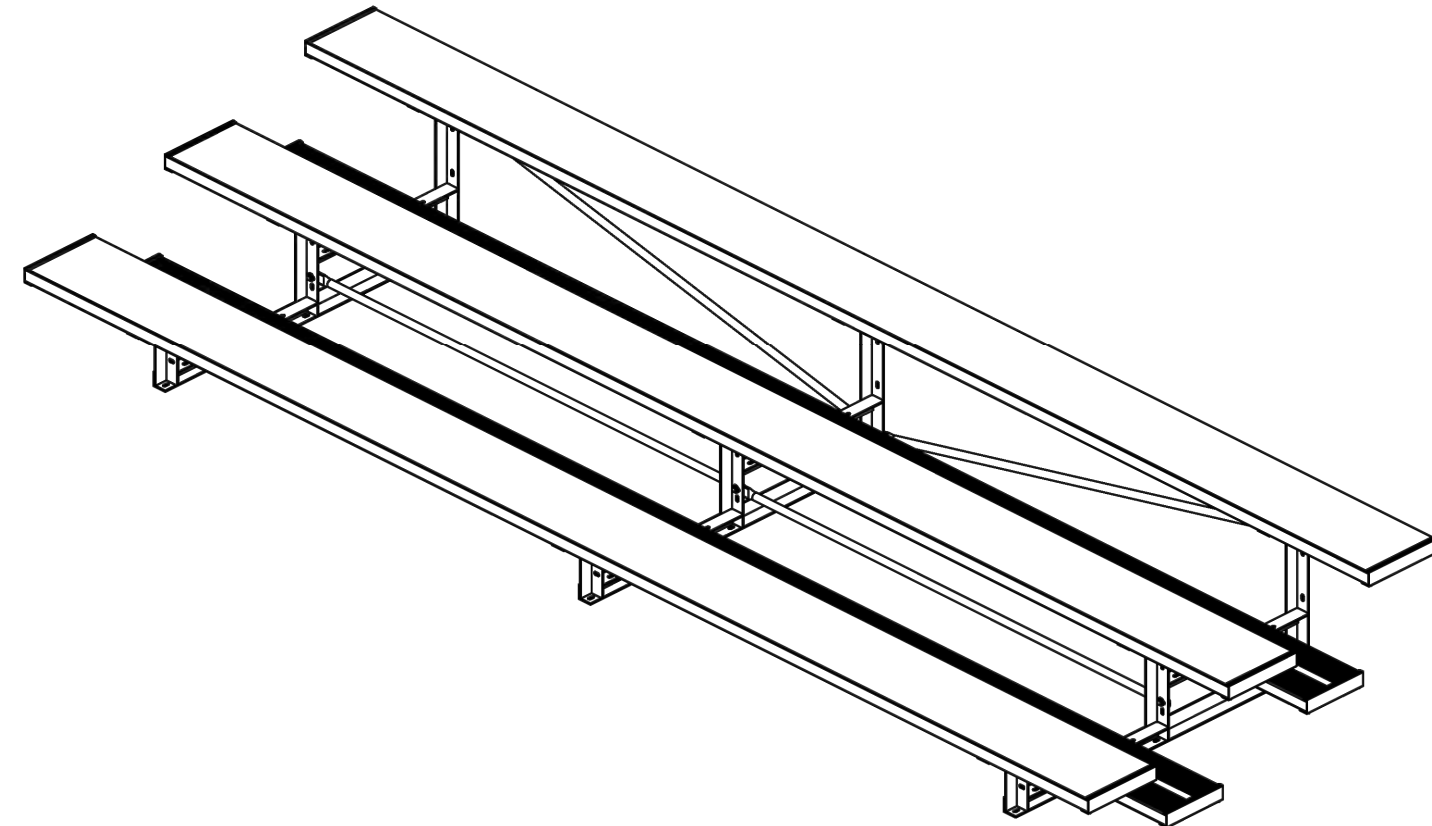


D DRINKING FOUNTAIN

DELUXE SERIES 3-ROW 15' BLEACHER

MODEL 1183-315G 3-ROW 15' STEEL
MODEL 1183-315A 3-ROW 15' ALUMINUM

Deluxe Series designed for dependability and trouble-free maintenance. Featuring 6" rise from row to row with nominal 12" aluminum planks for seats and 10" for footboards. And optional 2" x 6" ground sills.



SPECIFICATIONS:
Bleacher Frames are fabricated from 2" x 2" x 3/16" steel or aluminum angle. Frames are welded into a single unit. Frames may have optional 2" x 6" ground sills at every point where frames are in contact with the ground.

Deluxe Series Bleachers conform to the requirements of ICC 300-2012.

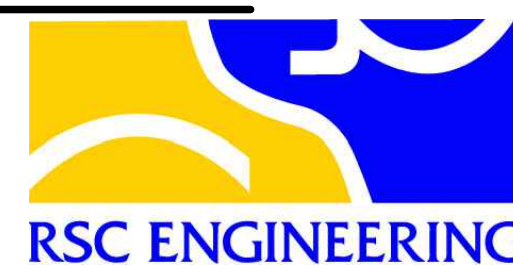
Seat and Foot Planks: Seat plank are nominal 2"x12"x15' and foot plank are nominal 2"x10"x15' extruded, ribbed aluminum. The edges and tops of planks shall be ribbed. The ribbed pattern, non-slip surface, is designed for safety and comfort. All exposed ends shall have aluminum caps fastened to the underside of the plank. Planks secure to each frame with two friction-type aluminum mounting clips capable of securing the plank against movement under a horizontal force of 400 lbs. All hardware is provided.

Finish: All fasteners shall be zinc plated.



Date: 4/20/2021
Rev: A
Drawn: JBN
Sheet: 1 of 10
PRODUCT NAME
3 ROW DELUXE 15FT
MODEL NO.
1183-315

E BLEACHERS



FOR FOOTINGS AND STRUCTURAL DETAILS, SEE SHEETS SW1.0 - SW1.2.

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PROJECT ENGINEER

DATE

RCE#

DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DRAWING NAME
CONSTRUCTION DETAILS
ROCKLIN COUNTY OF PLACER CALIFORNIA










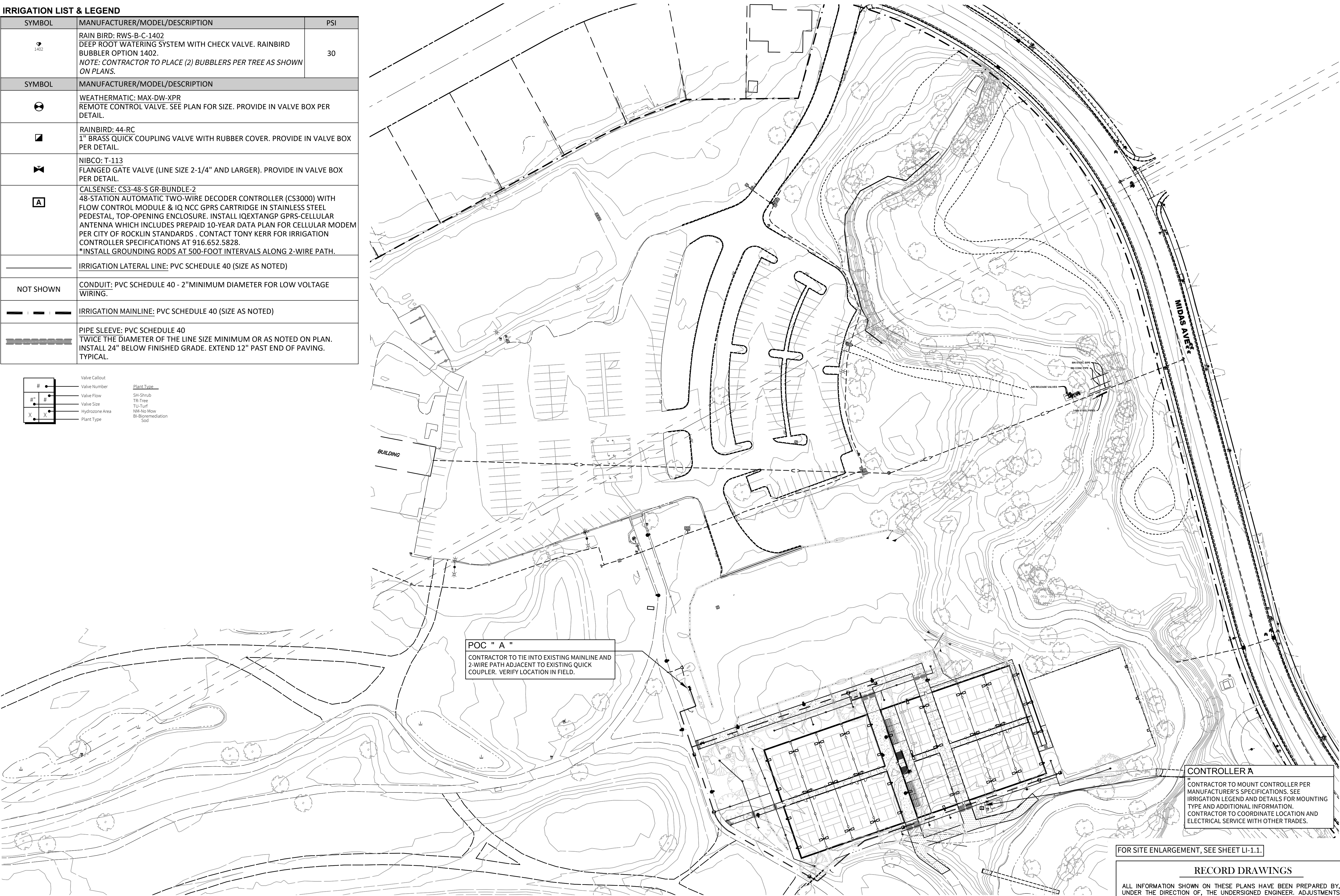
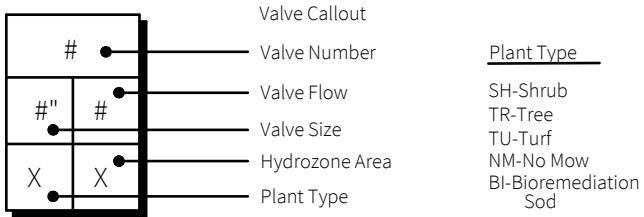
CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT




SCALE: AS SHOWN
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.:
LC-2.1
DRAWING: 5 OF 12

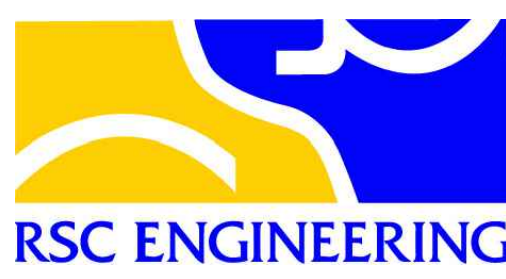
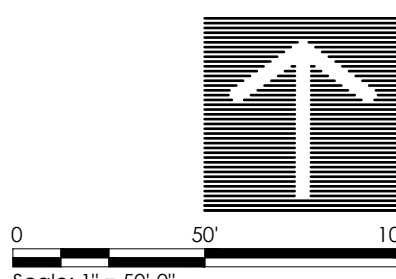
IRRIGATION LIST & LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	RAIN BIRD: RWS-B-C-1402 DEEP ROOT WATERING SYSTEM WITH CHECK VALVE. RAINBIRD BUBBLER OPTION 1402. <i>NOTE: CONTRACTOR TO PLACE (2) BUBBLERS PER TREE AS SHOWN ON PLANS.</i>	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
	WEATHERMATIC: MAX-DW-XPR REMOTE CONTROL VALVE. SEE PLAN FOR SIZE. PROVIDE IN VALVE BOX PER DETAIL.	
	RAINBIRD: 44-RC 1" BRASS QUICK COUPLING VALVE WITH RUBBER COVER. PROVIDE IN VALVE BOX PER DETAIL.	
	NIBCO: T-113 FLANGED GATE VALVE (LINE SIZE 2-1/4" AND LARGER). PROVIDE IN VALVE BOX PER DETAIL.	
	CALSENSE: CS3-48-S GR-BUNDLE-2 48-STATION AUTOMATIC TWO-WIRE DECODER CONTROLLER (CS3000) WITH FLOW CONTROL MODULE & IQ NCC GPRS CARTRIDGE IN STAINLESS STEEL PEDESTAL, TOP-OPENING ENCLOSURE. INSTALL IQEXTANGP GPRS-CELLULAR ANTENNA WHICH INCLUDES PREPAID 10-YEAR DATA PLAN FOR CELLULAR MODEM PER CITY OF ROCKLIN STANDARDS . CONTACT TONY KERR FOR IRRIGATION CONTROLLER SPECIFICATIONS AT 916.652.5828. <i>*INSTALL GROUNDING RODS AT 500-FOOT INTERVALS ALONG 2-WIRE PATH.</i>	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 (SIZE AS NOTED)	
NOT SHOWN	CONDUIT: PVC SCHEDULE 40 - 2"MINIMUM DIAMETER FOR LOW VOLTAGE WIRING.	
	IRRIGATION MAINLINE: PVC SCHEDULE 40 (SIZE AS NOTED)	
	PIPE SLEEVE: PVC SCHEDULE 40 TWICE THE DIAMETER OF THE LINE SIZE MINIMUM OR AS NOTED ON PLAN. INSTALL 24" BELOW FINISHED GRADE. EXTEND 12" PAST END OF PAVING. TYPICAL.	



WATER EFFICIENT LANDSCAPE ORDINANCE:
"I have complied with the criteria of the Water Efficient
Landscape Ordinance and applied such criteria for the efficient
use of water in the irrigation design plan."

Applicant Signature:  License #: 4965 Date: 8.22.2025



**FUHRMAN LEAMY
LAND GROUP**
DESIGN • SERVICE • SOLUTIONS
3400 DOUGLAS BLVD., SUITE 275 ROSEVILLE, CA 95661
916.763.5263 info@fllandgroup.com

FOR SITE ENLARGEMENT, SEE SHEET LI-1.1.

RECORD DRAWINGS

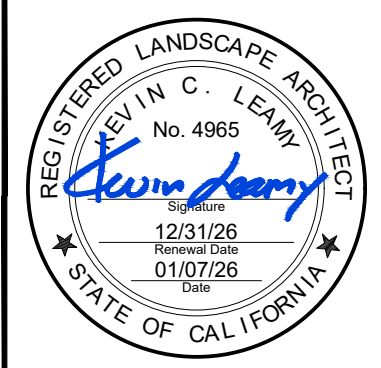
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PROJECT ENGINEER

DATE

RCE#

PROJECT NAME	DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS
SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS					
DRAWING NAME					
OVERALL IRRIGATION PLAN					
ROCKLIN					
COUNTY OF PLACER					
CALIFORNIA					

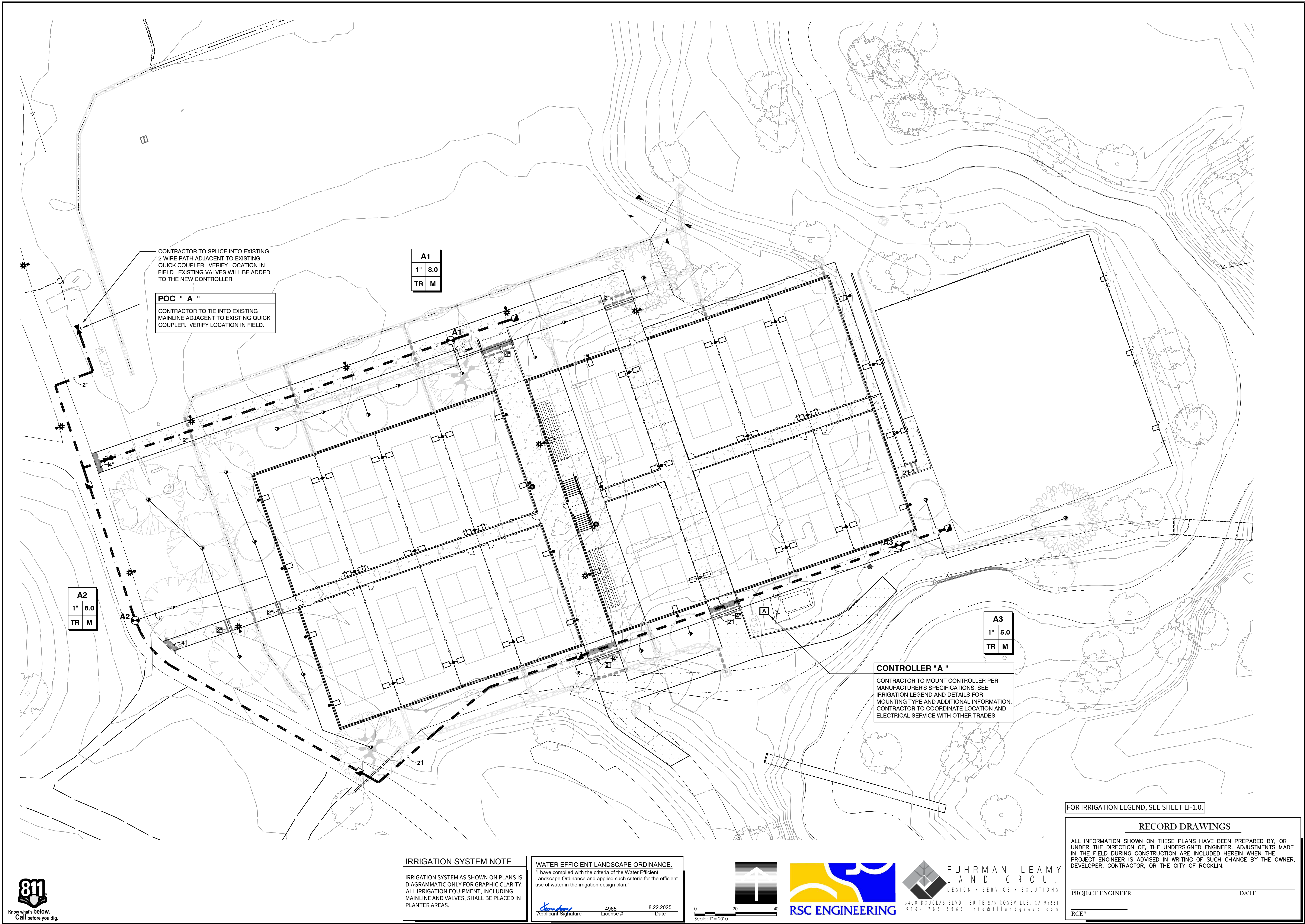


CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: 1"=50'
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.:
LI-1.0
DRAWING: 6 OF 12





CONTRACTOR TO SPLICE INTO EXISTING 2-WIRE PATH ADJACENT TO EXISTING QUICK COUPLER. VERIFY LOCATION IN FIELD. EXISTING VALVES WILL BE ADDED TO THE NEW CONTROLLER.

POC " A "

CONTRACTOR TO TIE INTO EXISTING MAINLINE ADJACENT TO EXISTING QUICK COUPLER. VERIFY LOCATION IN FIELD.

A1
1" 8.0
TR M

A2
1" 8.0
TR M

A3
1" 5.0
TR M

CONTROLLER "A"

CONTRACTOR TO MOUNT CONTROLLER PER MANUFACTURER'S SPECIFICATIONS. SEE IRRIGATION LEGEND AND DETAILS FOR MOUNTING TYPE AND ADDITIONAL INFORMATION. CONTRACTOR TO COORDINATE LOCATION AND ELECTRICAL SERVICE WITH OTHER TRADES.

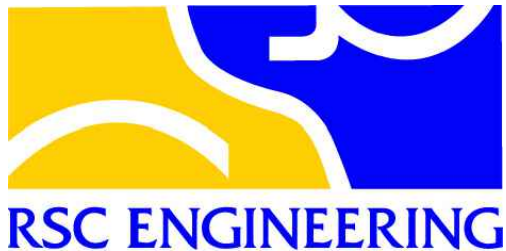
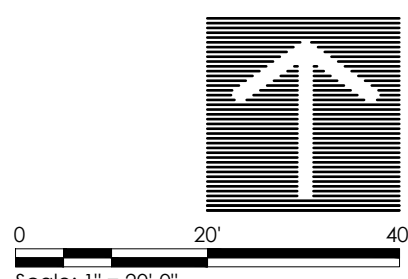
IRRIGATION SYSTEM NOTE

IRRIGATION SYSTEM AS SHOWN ON PLANS IS DIAGRAMMATIC ONLY FOR GRAPHIC CLARITY. ALL IRRIGATION EQUIPMENT, INCLUDING MAINLINE AND VALVES, SHALL BE PLACED IN PLANTER AREAS.

WATER EFFICIENT LANDSCAPE ORDINANCE:

"I have complied with the criteria of the Water Efficient Landscape Ordinance and applied such criteria for the efficient use of water in the irrigation design plan."

[Signature] 4965 8.22.2025
Applicant Signature License # Date



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916.763.5263 info@fllandgroup.com

FOR IRRIGATION LEGEND, SEE SHEET LI-1.0.

RECORD DRAWINGS

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PROJECT ENGINEER

DATE

RCE#

DESIGNED

DRAWN

CHECKED

APPROVED

INITIALS

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DRAWING NAME
IRRIGATION PLAN

NO.

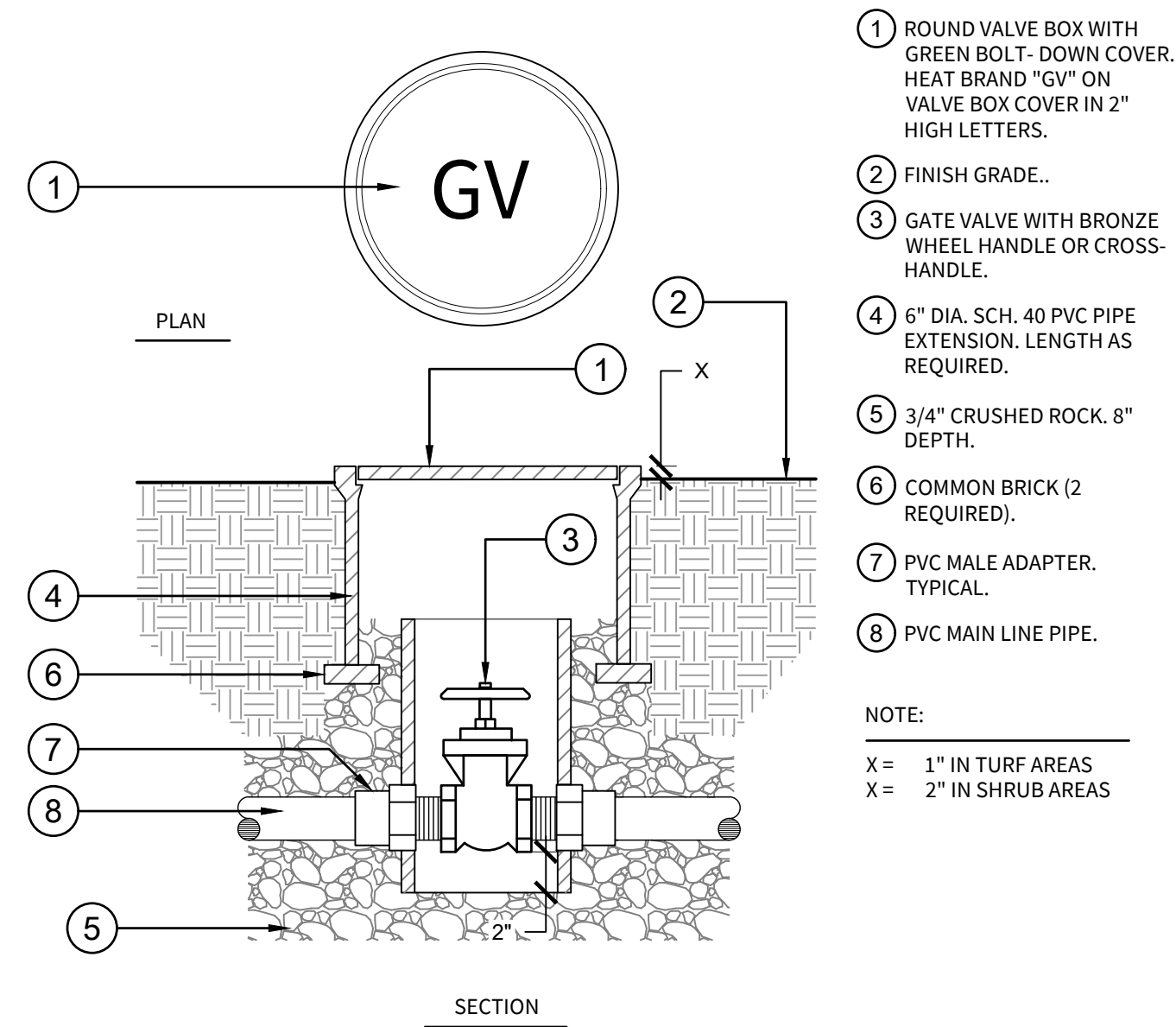
REVISION

BY

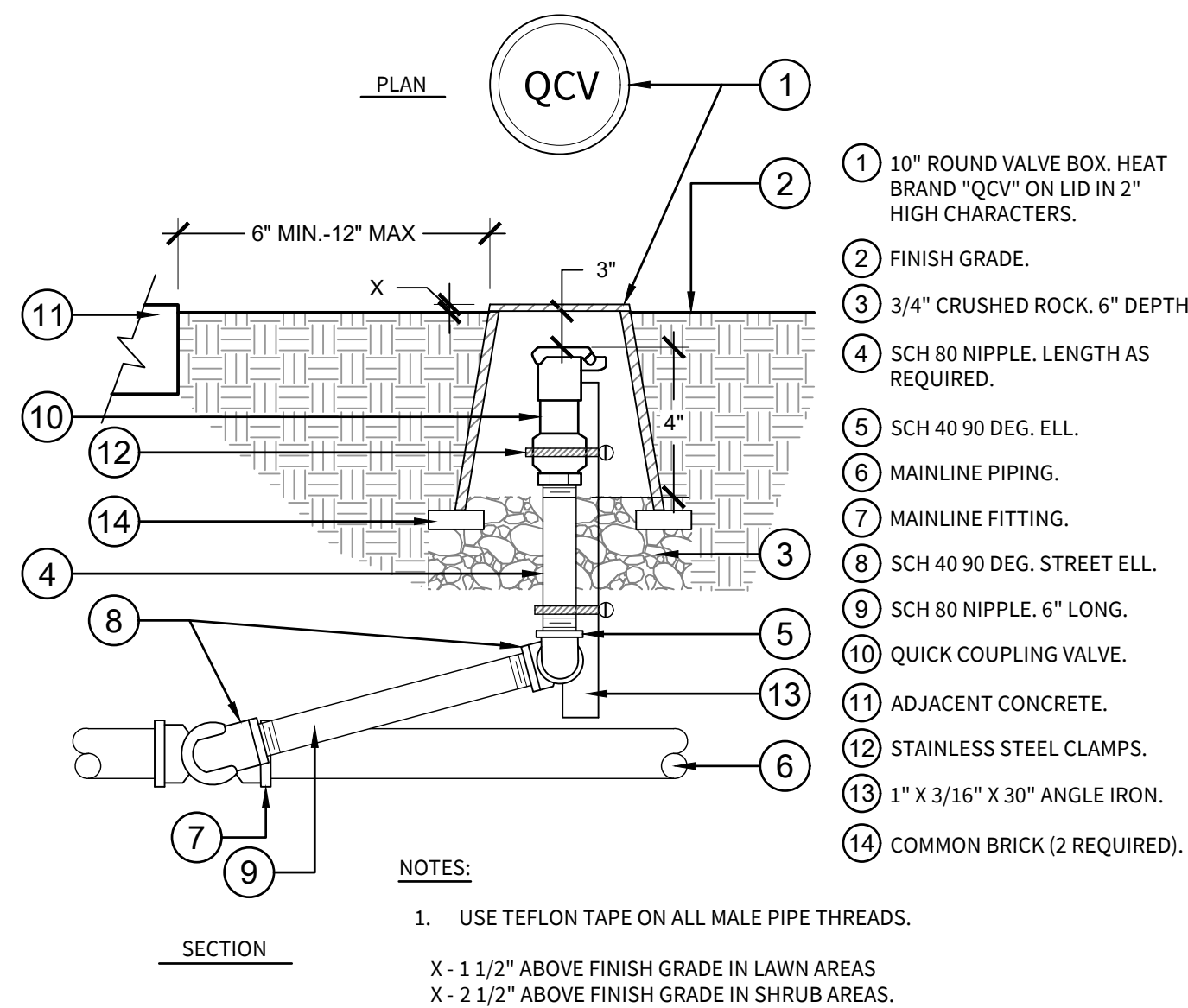
DATE

CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT

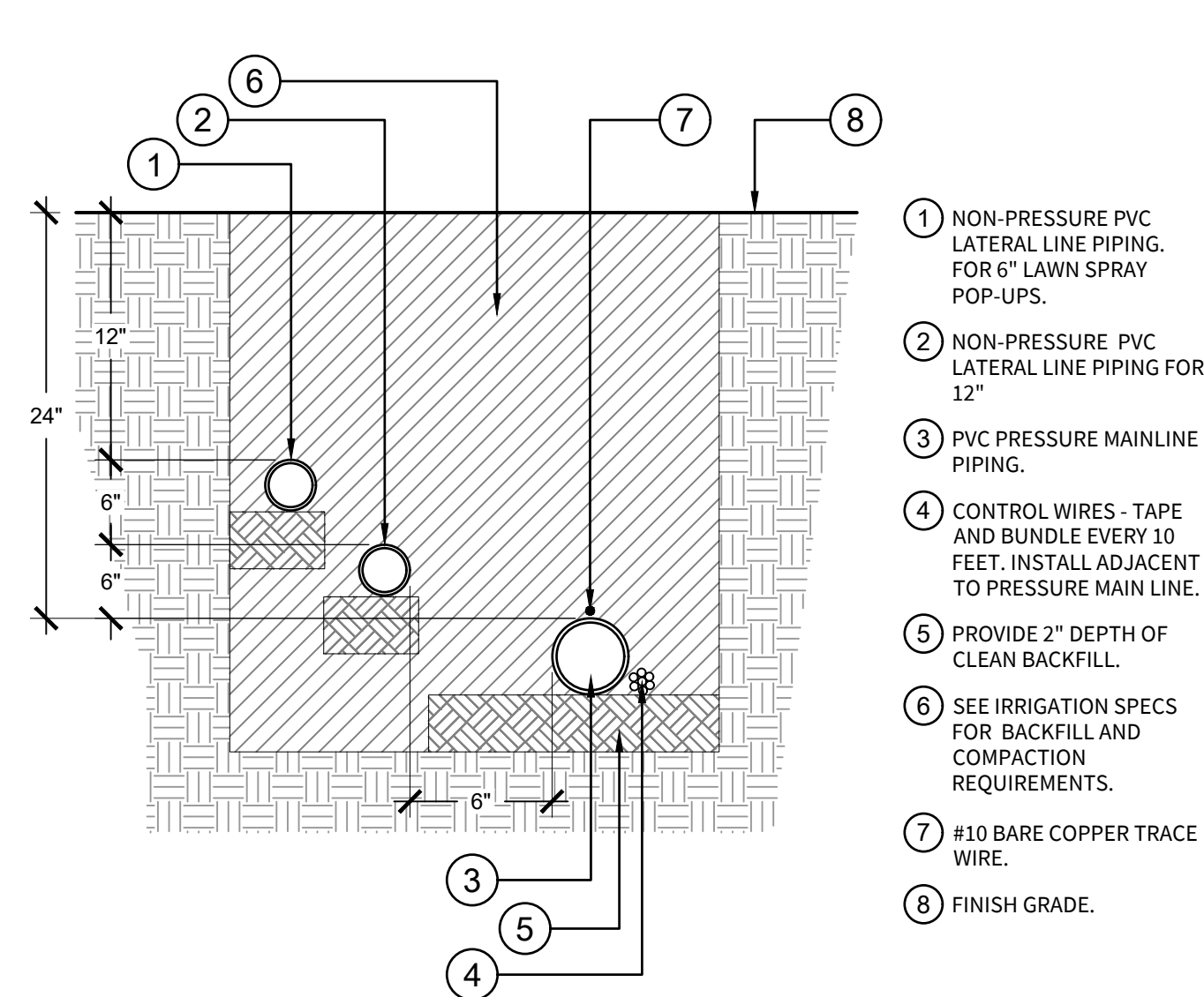
SCALE: 1"=20'
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.:
LI-1.1
DRAWING: 7 OF 12



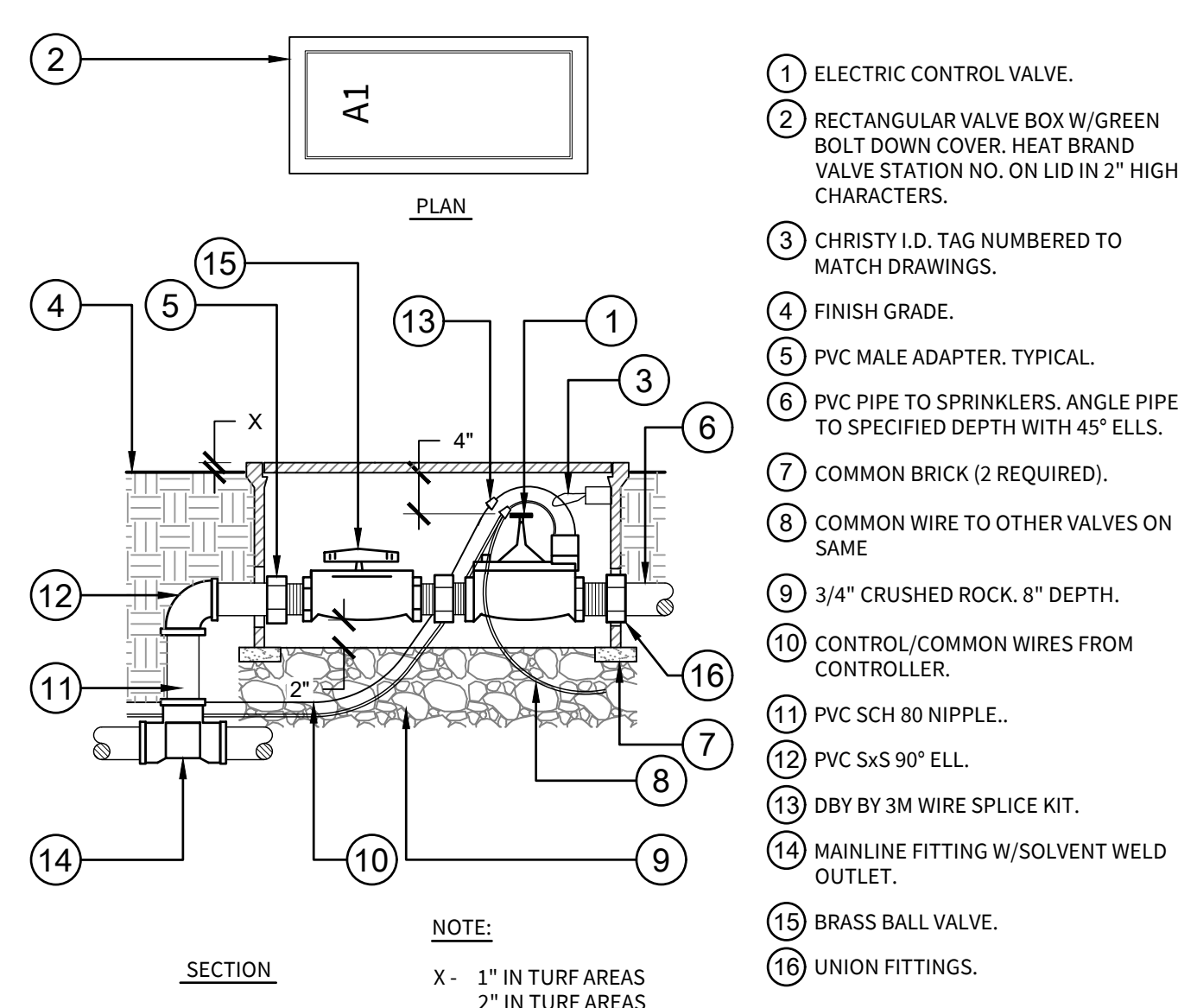
A GATE VALVE (DOMESTIC)
NOT TO SCALE C-23053-25



C QUICK COUPLER (DOMESTIC)
NOT TO SCALE C-23053-26



B IRRIGATION TRENCHING: 24" DEPTH (RECYCLED)
NOT TO SCALE DETAIL-F1E



D ELECTRIC REMOTE CONTROL VALVE: W/BALL VALVE
NOT TO SCALE C-23053-24

GENERAL IRRIGATION NOTES

- ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN SHRUB OR GROUND COVER AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS 1" ABOVE FINISH GRADE.
- ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN TURF AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS FLUSH WITH ADJACENT SIDEWALK OR CURB.
- ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE DESIGNATED ON THE PLANS.
- ALL SPRINKLERS SHALL BE INSTALLED WITH A 'CHECK VALVE' TO PREVENT DRAINAGE FROM SPRINKLER HEAD WHEN THE SPRINKLER IS OFF. DRAINAGE OF IRRIGATION WATER THROUGH SPRINKLER HEADS WILL NOT BE ALLOWED.
- THE SPRINKLER SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE OF 65 PSI AND THE MAXIMUM FLOW OF 8.0 GPM AS SHOWN ON THE IRRIGATION DRAWINGS AT THE METER OR POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- 120 VOLT ELECTRICAL POWER OUTLET AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL OUTLET TO THE AUTOMATIC CONTROLLER.
- THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
- THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER-SPRAY ONTO WALKS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
- DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- INSTALL ALL PIPE MATERIALS AND EQUIPMENT AS SHOWN IN THE DETAILS. USE TEFLON TAPE OR TEFLON PIPE DOPE ON ALL PVC MALE PIPE THREADS ON ALL SPRINKLER SWING JOINT AND VALVE ASSEMBLIES.
- IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUB- CONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC.
- IN ADDITION TO THE CONTROL WIRE SLEEVES SHOWN ON THE DRAWINGS, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF CONTROL WIRE SLEEVES OF SUFFICIENT SIZE UNDER ALL OTHER PAVED AREAS.
- CONTRACTOR SHALL PROGRAM IRRIGATION CONTROLLER TO OPERATE AS FOLLOWS POST-CONSTRUCTION: SPRAY VALVES SHALL ONLY BE TURNED ON BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M. BUBBLER AND DRIP VALVES CAN OPERATE AT ANY TIME.
- PER MWEL0, IRRIGATION HEADS MUST BE PLACED SO THAT HARDSCAPED AREAS DRAIN TOWARD LANDSCAPED AREAS, AND WITH NO OVERSPRAY. OTHERWISE A SETBACK FROM HARDSCAPE OF 24" MINIMUM IS REQUIRED.
- ALL LANDSCAPE AUDITS SHALL BE CONDUCTED BY A THIRD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR.
- THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE RESPONSIBLE LOCAL AGENCY PER WELO REQUIREMENTS.

DATE	BY	REVISION	NO.	DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS
PROJECT NAME				SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS				
DRAWING NAME				IRRIGATION DETAILS				
				ROCKLIN COUNTY OF PLACER CALIFORNIA				

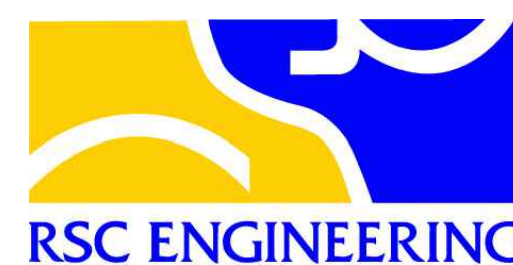


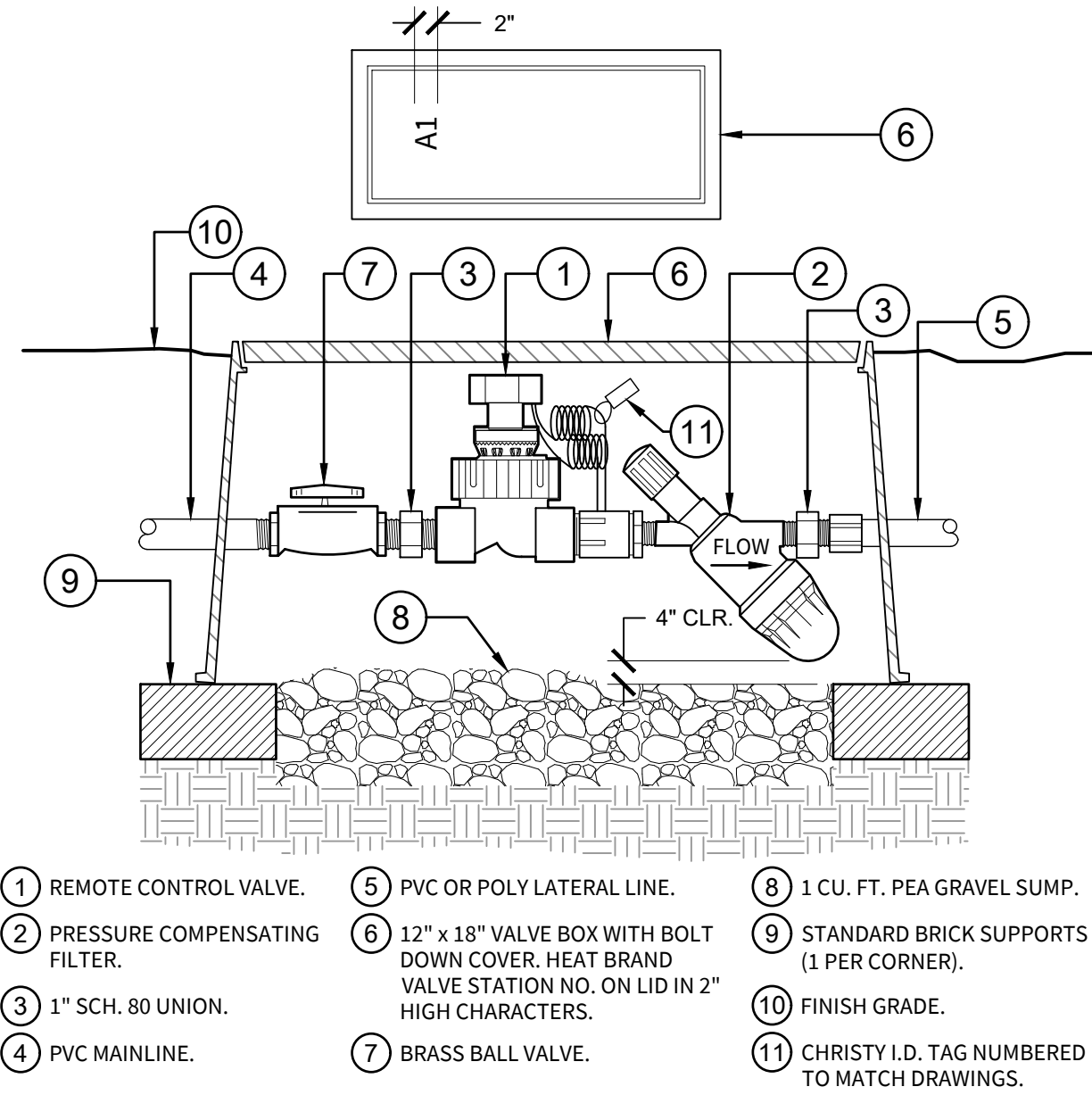
CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



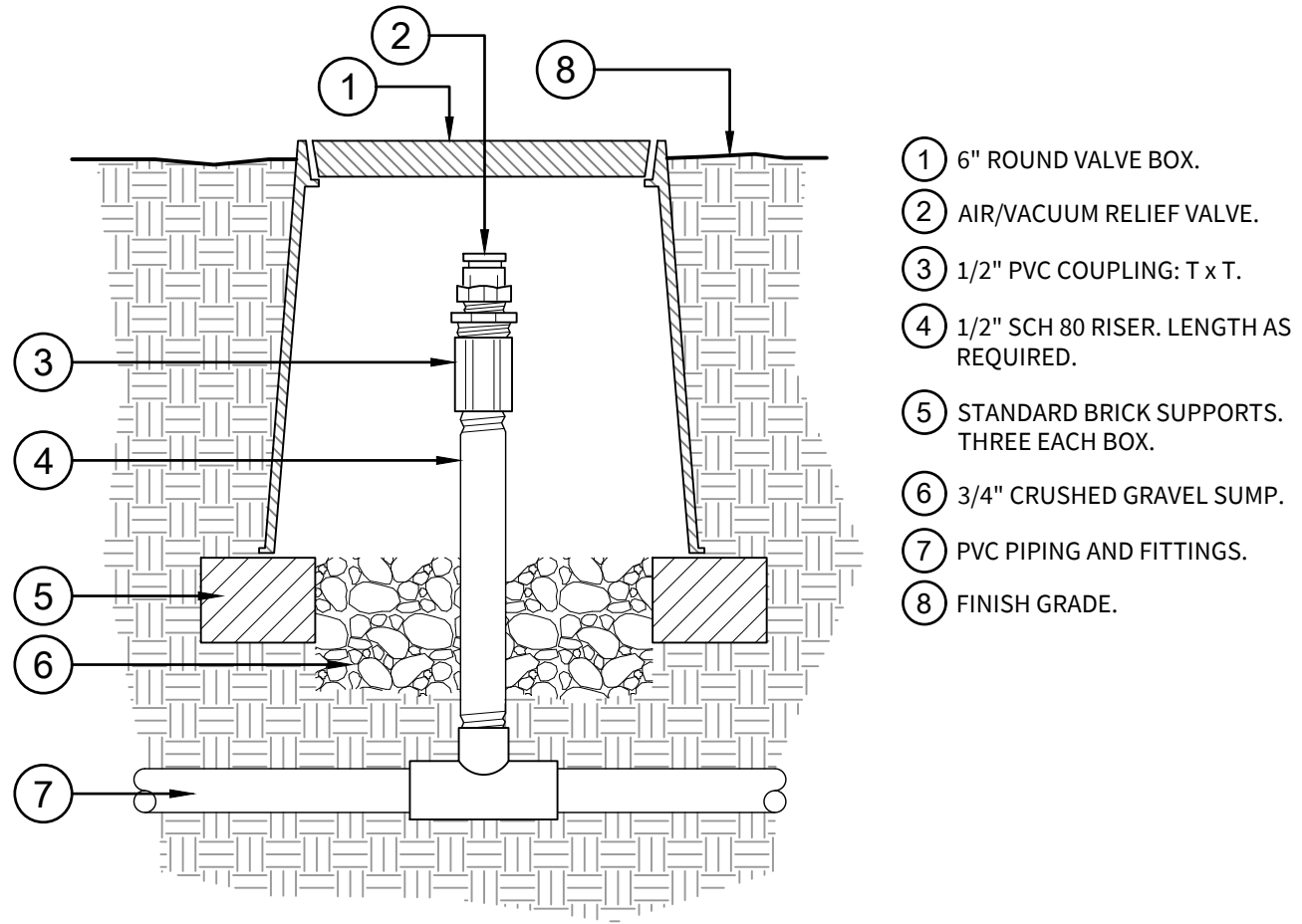
SCALE: AS SHOWN
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.:
LI-2.0
DRAWING: 8 OF 12

RECORD DRAWINGS	
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PROJECT ENGINEER	DATE
RCE#	

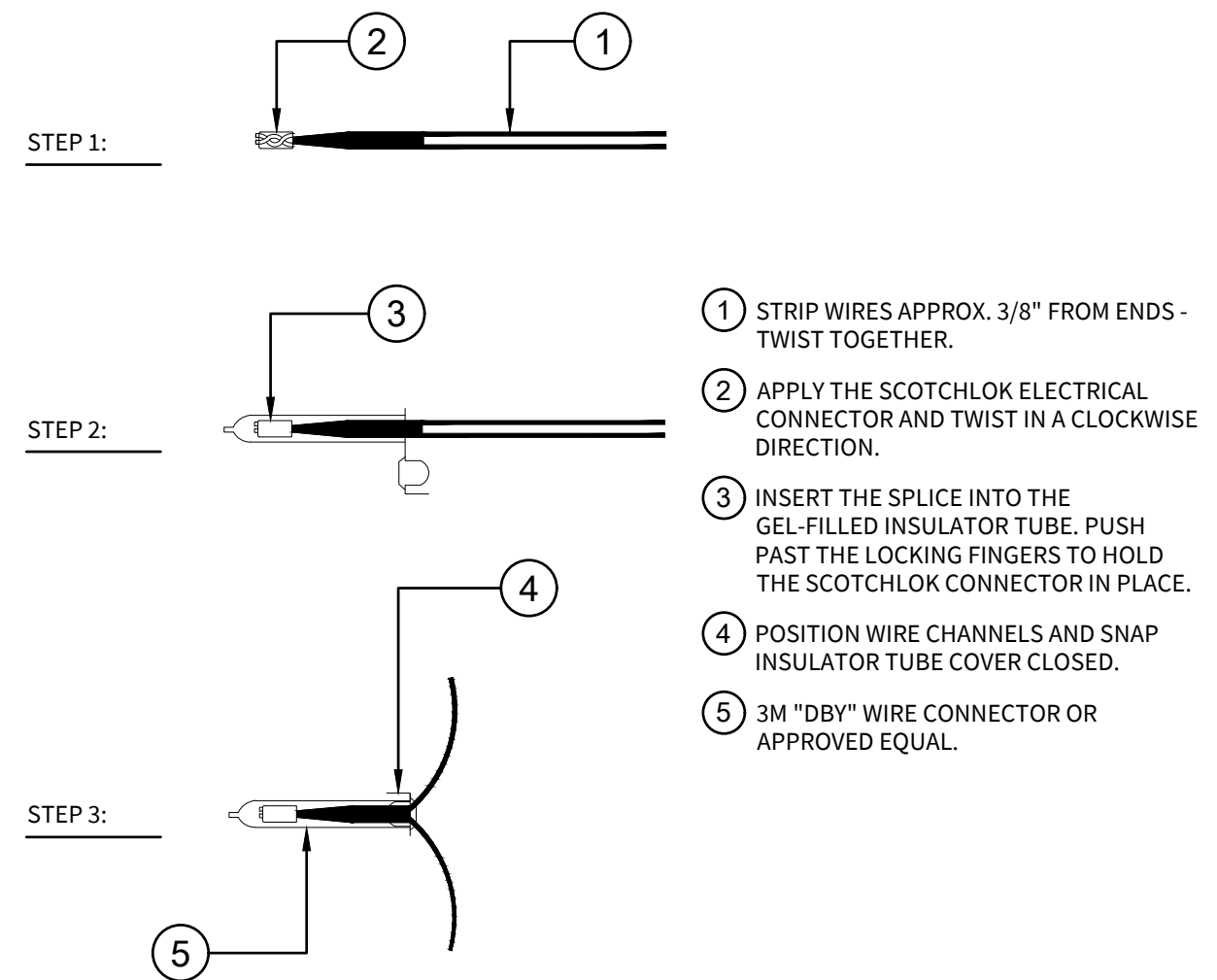




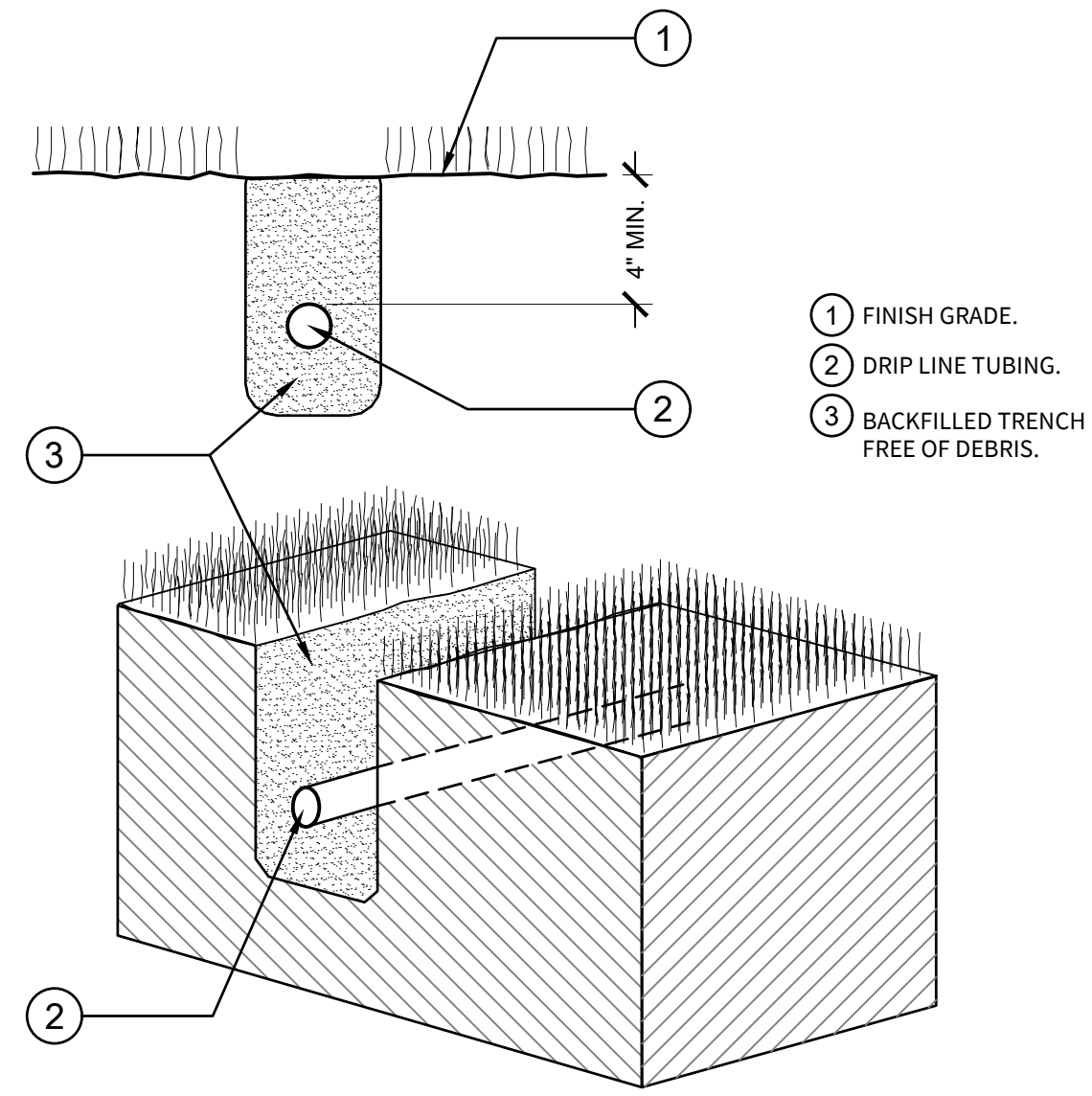
A SUBSURFACE REMOTE CONTROL VALVE
NOT TO SCALE C-23081.1-13



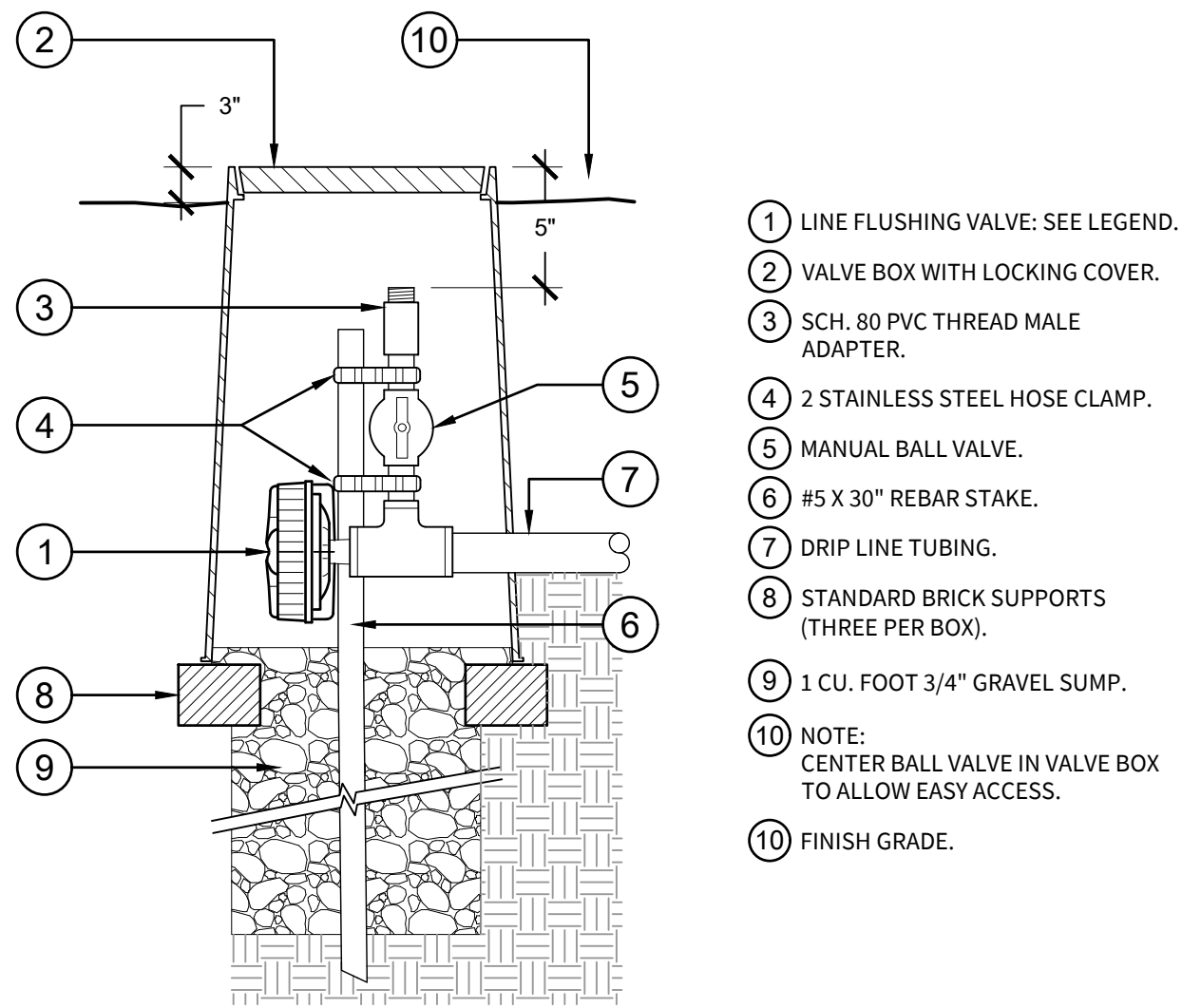
E AIR/VACUUM RELIEF VALVE (PLUMBED TO PVC)
NOT TO SCALE C-23081.1-18



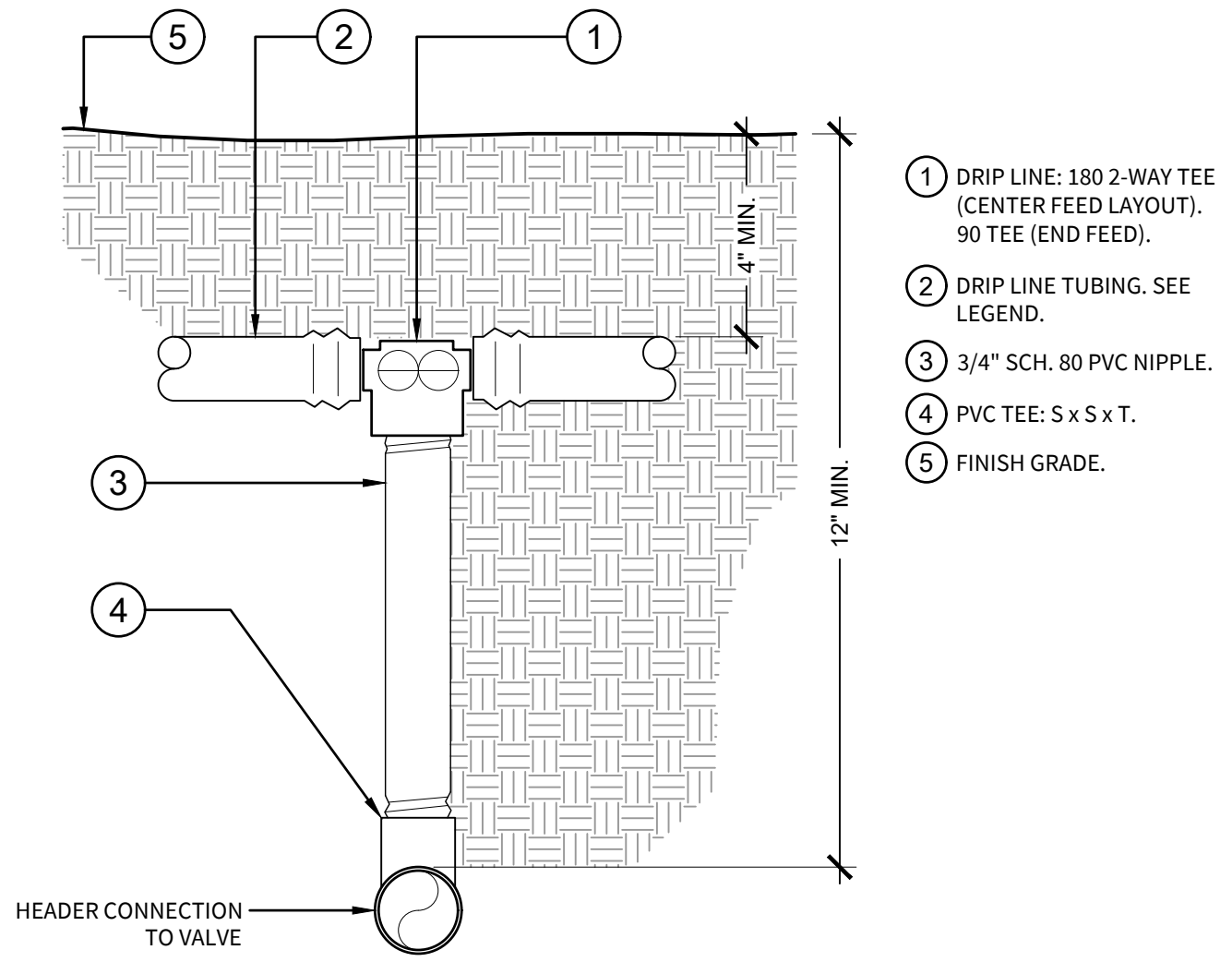
I WIRE CONNECTION - 3M DBY
NOT TO SCALE C-23081.1-05



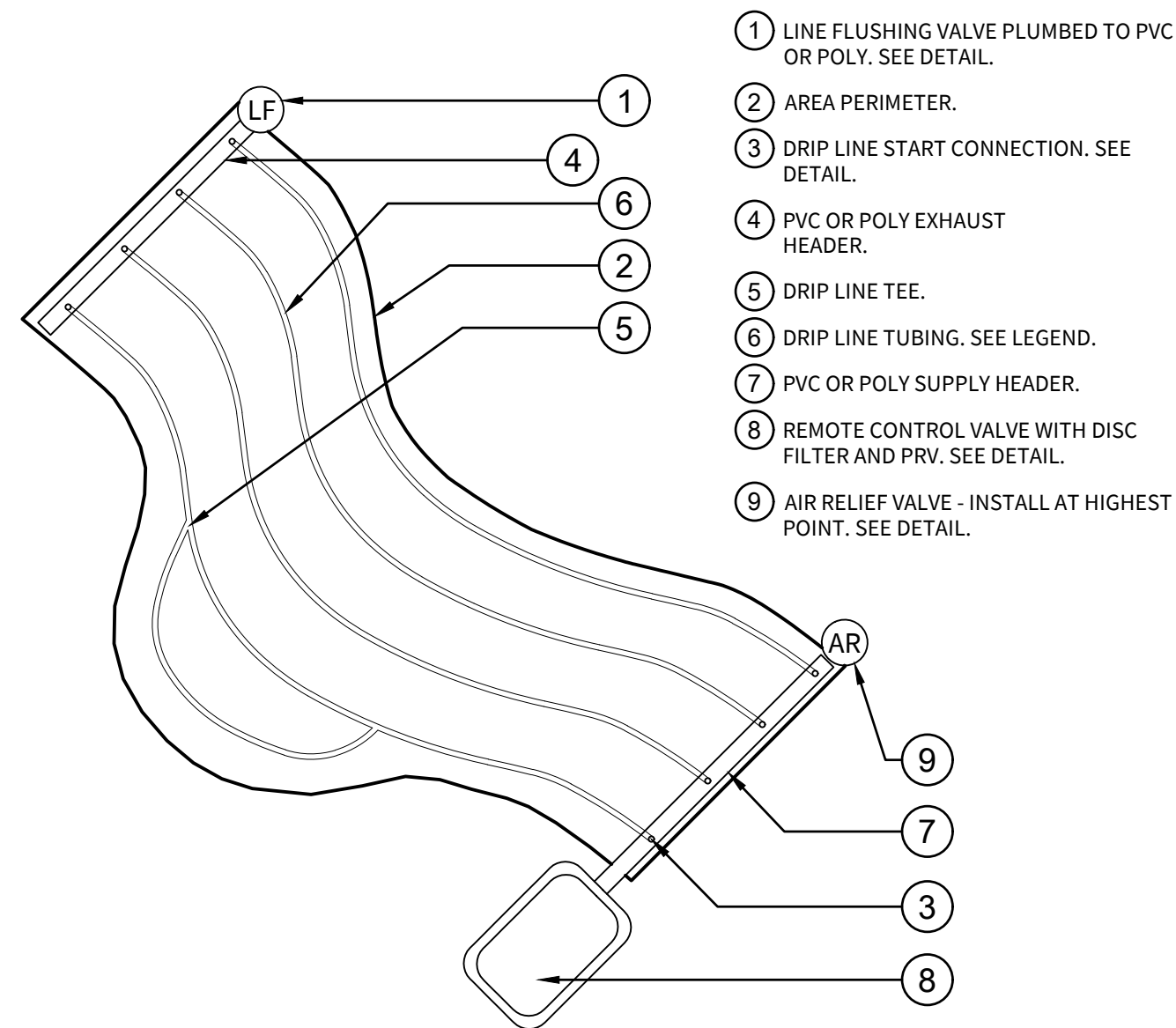
B DRIP LINE TRENCHING
NOT TO SCALE C-23081.1-19



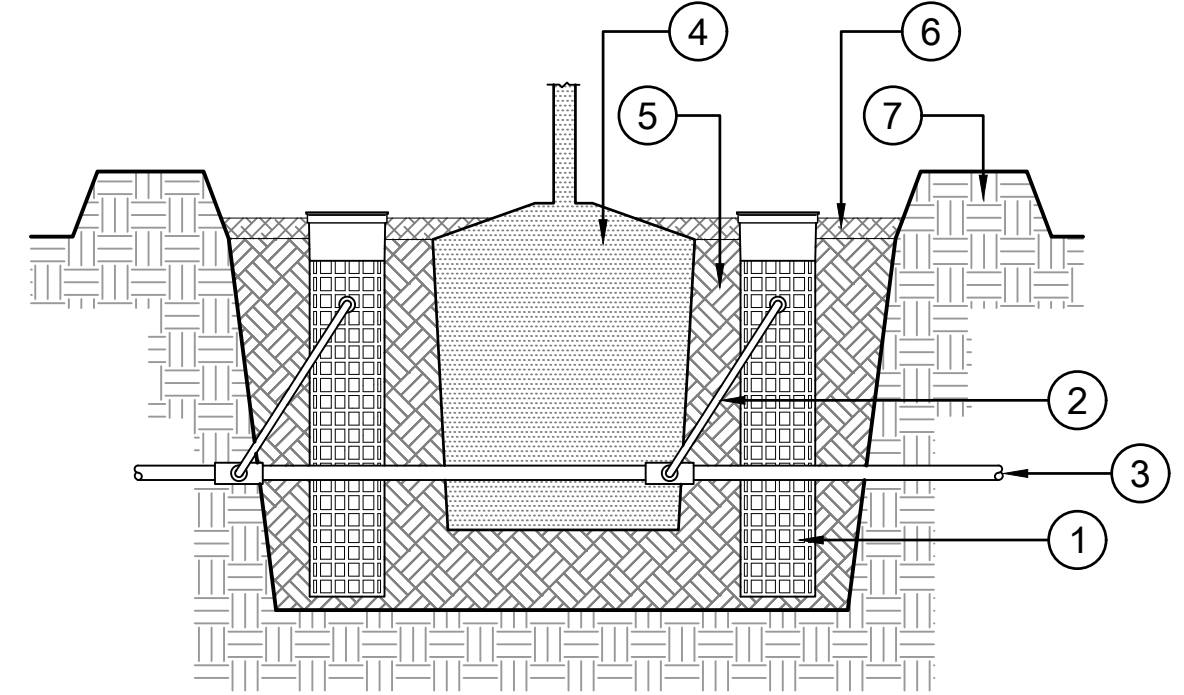
F LINE FLUSHING VALVE-MANUAL/AUTOMATIC
NOT TO SCALE C-23081.1-21



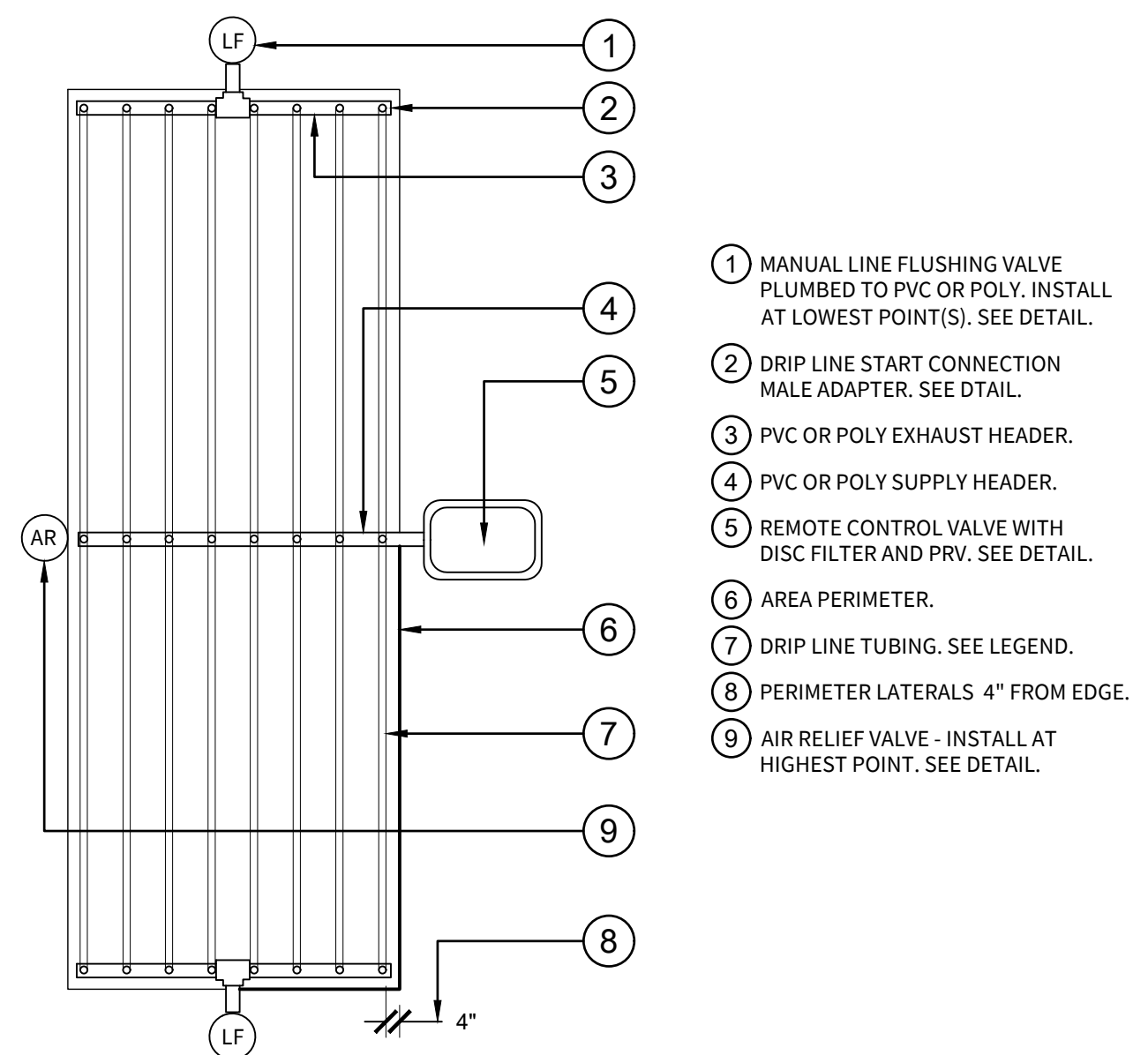
C DRIP LINE START CONNECTION W/PVC RISER
NOT TO SCALE C-23081.1-11



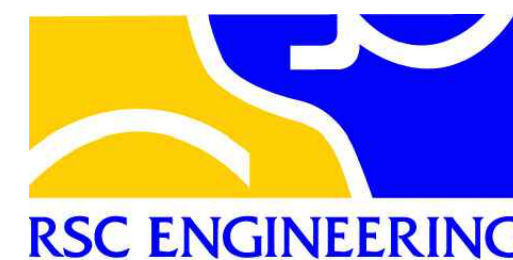
G DRIP LINE: IRREGULAR AREAS/ODD CURVES
NOT TO SCALE C-23081.1-12



D BUBBLER: ROOT WATERING SYSTEM FOR TREES
NOT TO SCALE C-23081.1-20



H DRIP LINE: CENTER FEED LAYOUT
NOT TO SCALE C-23081.1-14



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PROJECT ENGINEER	DATE
RCE#	

DATE	BY	REVISION	NO.	DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS

PROJECT NAME	SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME	IRRIGATION DETAILS
ROCKLIN	COUNTY OF PLACER
CALIFORNIA	

REGISTERED LANDSCAPE ARCHITECT
 No. 4965
 12/31/26
 01/07/26
 STATE OF CALIFORNIA

CITY OF ROCKLIN	COMMUNITY DEVELOPMENT DEPARTMENT
SCALE: AS SHOWN	DATE: 01.07.2026
CITY PROJECT NO.:	
SHEET NO.:	LI-2.1
DRAWING:	9 OF 12


PLANT LIST & LEGEND

SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE	REMARKS	QTY
TREES					
	ACER RUBRUM 'FRANK JR.' REDPOINTE® MAPLE	15 GAL.	MOD	STD.	12
	QUERCUS AGRIFOLIA COAST LIVE OAK (60'x40')	15 GAL.	VERY LOW	STD.	2
	QUERCUS LOBATA VALLEY OAK (60'x40')	15 GAL.	LOW	STD.	2
	QUERCUS SHUMARDII SHUMARD RED OAK (60'x45')	15 GAL.	MOD	STD.	2
	TILIA CORDATA 'GREENSPIRE' GREENSPIRE LITTLELEAF LINDEN	15 GAL.	MOD	STD.	4

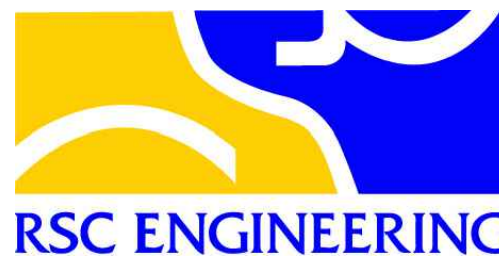
SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE	SPACING	QTY
GROUND COVERS					
	WALK ON BARK - 3" LAYER PER CITY OF ROCKLIN STANDARDS	--	--	--	24,780 SF



WATER EFFICIENT LANDSCAPE ORDNANCE:
"I have complied with the criteria of the Water Efficient
Landscape Ordinance and applied such criteria for the efficient
use of water in the landscape design plan."

 4965 8.22.2025
Applicant Signature License # Date

0 50' 100'
Scale: 1"=50'-0"



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3400 DOUGLAS BLVD., SUITE 275 ROSEVILLE, CA 95661
916.783.5263 info@fllandgroup.com

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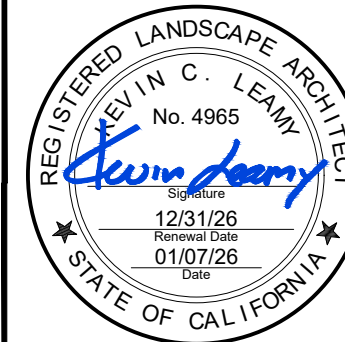
PROJECT ENGINEER

DATE

RCE#

PROJECT NAME
SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS

DRAWING NAME
OVERALL PLANTING PLAN
ROCKLIN COUNTY OF PLACER CALIFORNIA



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



SCALE: 1"=50'

DATE: 01.07.2026

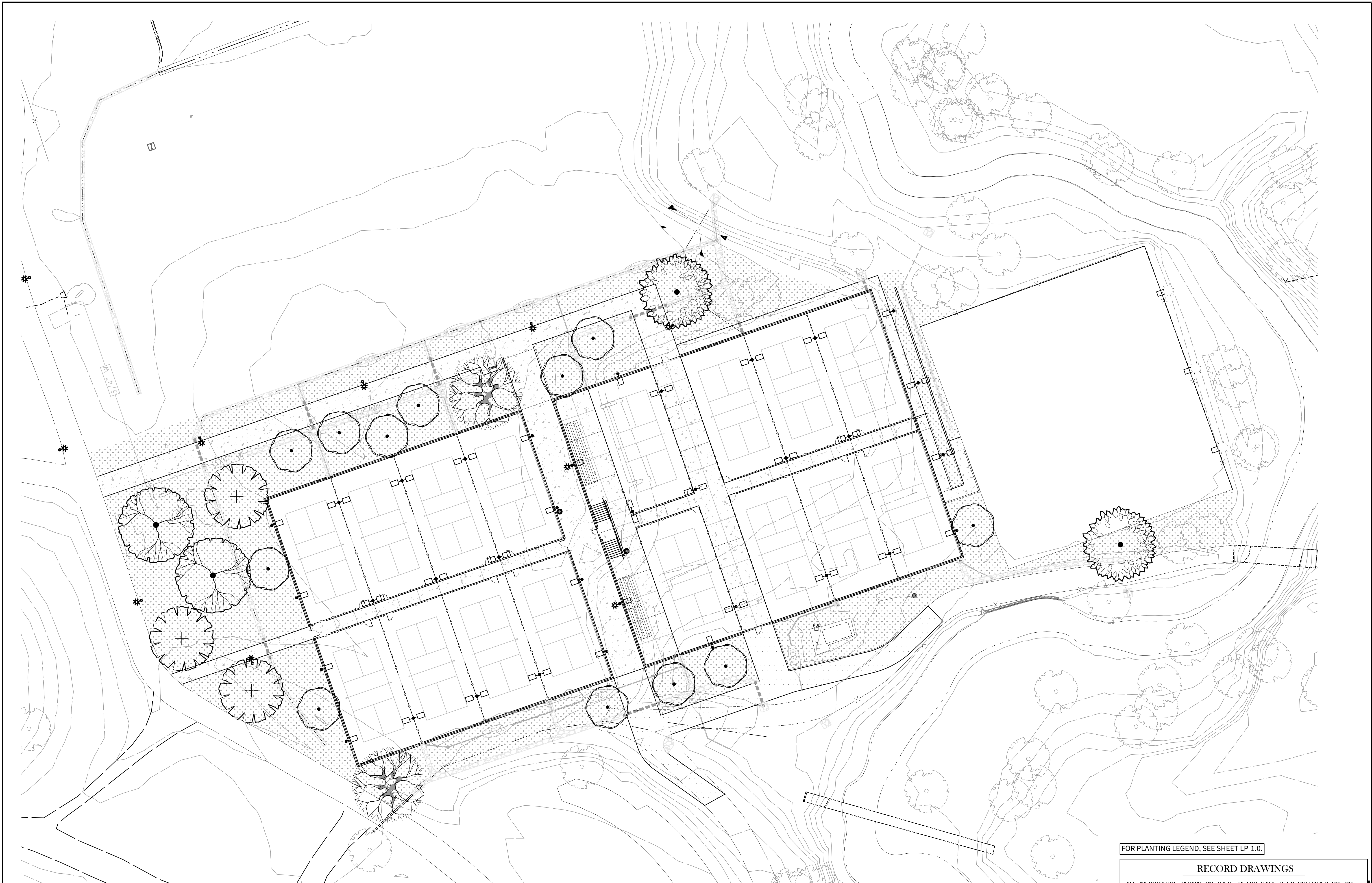
CITY PROJECT NO.:

SHEET NO.:

LP-1.0

DRAWING: 10 OF 12





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Applicant Signature: *[Signature]* License #: 4965 Date: 8.22.2025



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916.783.5263 info@fllandgroup.com


FOR PLANTING LEGEND, SEE SHEET LP-1.0.

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PROJECT ENGINEER: _____ DATE: _____
RCE# _____

CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT



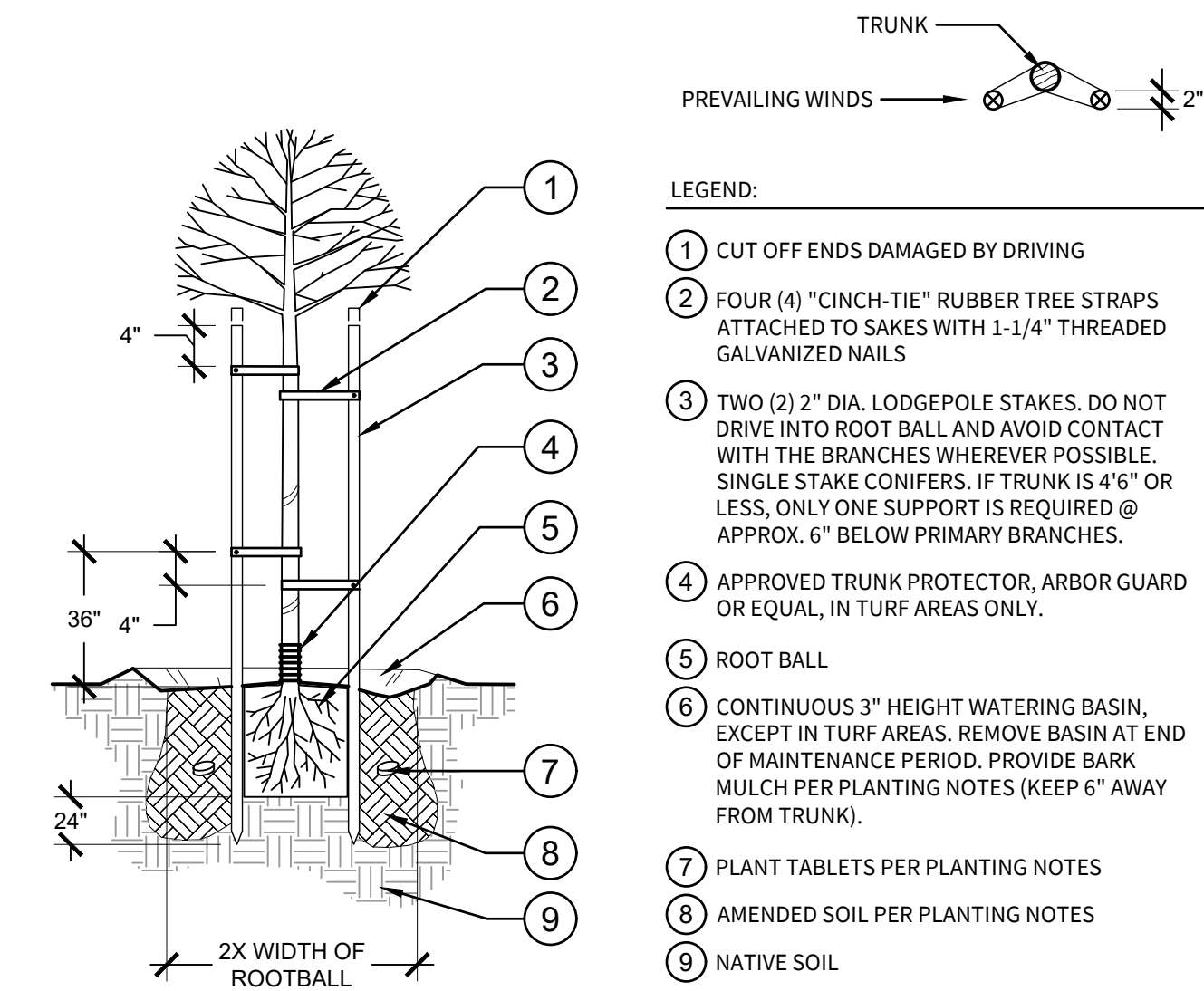
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DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.: LP-1.1
DRAWING: 11 OF 12

PROJECT NAME: SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME: PLANTING PLAN
ROCKLIN COUNTY OF PLACER CALIFORNIA

DESIGNED: _____
DRAWN: _____
CHECKED: _____
APPROVED: _____
INITIALS: _____

NO. _____
REVISION _____
BY _____
DATE _____

REGISTERED LANDSCAPE ARCHITECT
No. 4965
12/31/26
01/07/26
STATE OF CALIFORNIA



A TREE STAKING - 2 STAKES, TYP.

3/4" = 1'-0"

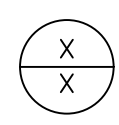



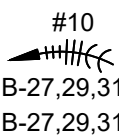

















PR-24042-10



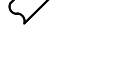

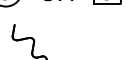








GENERAL PLANTING NOTES

1. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION.
2. ALL TREES SHALL BE TAGGED AND/OR APPROVED BY OWNER & LANDSCAPE ARCHITECT. NURSERY SOURCES SHALL BE AT OWNER/LANDSCAPE ARCHITECT'S DISCRETION.
3. ALL SHRUBS AND GROUND COVER AREAS SHALL BE TOP DRESSED WITH A THREE (3") INCH LAYER "WALK-ON" CEDAR BARK PER PLANS AND SPECIFICATIONS.
4. ALL TREES (EXCEPT IN TURF AREAS), SHRUBS AND GROUND COVERS (INCLUDING THOSE ON SLOPES) SHALL HAVE WATERING BASINS BUILT UP AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOTBALL. TREE AND SHRUB BASINS SHALL BE A MINIMUM OF THREE (3") INCHES HIGH. GROUND COVER BASINS SHALL BE A MINIMUM OF TWO (2") INCHES HIGH.
5. ALL PLANT MATERIALS SHALL BE IMMEDIATELY "HAND" WATERED AFTER PLANTING AND CONTINUALLY MONITORED AND SUPPLEMENTALLY "HAND" WATERED DURING THE CONSTRUCTION AND CONTRACT MAINTENANCE PHASES AS NEEDED.
6. SUBSTITUTION OF PLANT MATERIALS WILL NOT BE ACCEPTABLE UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
7. ALL PLANT MATERIALS DELIVERED TO THE SITE MUST HAVE AT LEAST ONE OF EACH PLANT TYPE TAGGED WITH THE GENUS AND SPECIES CLEARLY MARKED. PLANTS OF THE SAME GENUS TYPE WITH DIFFERENT SPECIES TYPE WITH DIFFERENT COLOR OR SPECIES VARIATION MUST HAVE ALL OF EACH DIFFERENT SPECIES CLEARLY TAGGED.
8. ALL PLANT HOLES SHALL BE DUG TO A MINIMUM OF TWO (2) TIMES THE PLANT CONTAINER WIDTH (WIDTH ONLY, NOT DEPTH) AND ALL VERTICAL SIDES IN THE HOLES SHALL BE SHOVEL SCORED. IN NO CASE SHALL SMOOTHLY EXCAVATED SIDES BE ALLOWED FOR PLANTING.
9. PRIOR TO PLANTING OF ANY MATERIALS, COMPACTED SOILS SHALL BE TRANSFORMED INTO A FRIABLE CONDITION. ON ENGINEERED SLOPES, ONLY AMENDED PLANTING HOLES NEED TO MEET THIS REQUIREMENT. "FRIABLE" MEANS A SOIL CONDITION THAT IS EASILY CRUMBLED OR LOOSELY COMPACTED DOWN TO A MINIMUM PLANTING DEPTH PER PLANTING MATERIAL WHEREBY THE ROOT STRUCTURE OR NEWLY PLANTED MATERIAL WILL BE ALLOWED TO SPREAD UNIMPEDED.
10. PREPARE ALL PLANTING AREAS WITH FOUR (4) CUBIC YARDS/1,000 S.F. OF NITROLIZED ORGANIC SOIL CONDITIONER. PROVIDE 200 LBS./1,000 S.F. OF GRO-POWER PLUS FERTILIZER. ROTOTILL EVENLY TO A DEPTH OF SIX (6") INCHES INTO EXISTING SOIL.
11. PROVIDE SOILS FERTILITY TEST, AS PER SPECIFICATIONS, TO LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH WORK. PREPARE ALL PLANTING AREAS WITH THE MINIMUM OF SOIL CONDITIONER AND FERTILIZER AS STATED IN NOTE #10 ABOVE, OR AS PER RECOMMENDATIONS OF SOILS FERTILITY TEST, WHICHEVER IS GREATER. ROTOTILL EVENLY TO A DEPTH OF SIX (6") INCHES INTO EXISTING SOIL.
12. IF ANY PORTION OF THE SITE IS LIME TREATED, THE LANDSCAPE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING. DO NOT PROCEED WITH ANY WORK IN LIME TREATED SOIL. TYPICALLY, LIME TREATED SOILS ABOVE 1% RESULT IN PH VALUES AND COMPACTION THAT ARE DELETERIOUS TO PLANT MATERIAL, EVEN WITH AGGRESSIVE AMENDMENTS AND CONDITIONERS. THESE LIME TREATED SOILS MUST BE REMOVED AND REPLACED WITH IMPORT SOILS OF SUITABLE CHEMISTRY AND COMPATIBLE TEXTURE. THE LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK IN LIME TREATED AREAS UNTIL A RESOLUTION IS PROVIDED IN WRITING.
13. ALL LANDSCAPE BERMS ARE TO BE GRADED SIX (6") INCHES HIGHER THAN THE HIGHEST CONTOUR SHOWN ON PLANS, TYPICAL.
14. ALL LANDSCAPE AREAS WITH A SLOPE OF TWO AND A HALF TO ONE (2-1/2:1) OR GREATER MUST HAVE JUTE NETTING INSTALLED FOR EROSION CONTROL.
15. SHRUB AND GROUND COVER AREAS SHALL BE TREATED WITH CHIPCO RONSTAR 'G' PRE-EMERGENT HERBICIDE. PROVIDE PER MANUFACTURER'S SPECIFICATIONS.

<div><div>CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT</div></div>				<div><div>REGISTERED LANDSCAPE ARCHITECT No. 4965 12/31/26 01/07/26 STATE OF CALIFORNIA</div><div> KEVIN C. LEAMY</div></div>				<div><div>PROJECT NAME SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS</div><div>DRAWING NAME PLANTING DETAILS</div></div>				DESIGNED	NO.	REVISION	BY	DATE
								DRAWN								
								CHECKED								
								APPROVED								
								INITIALS								

ELECTRICAL ABBREVIATION	
ABBREVIATION	DESCRIPTION
A	AMPERES, AMBER
AC	ALTERNATING CURRENT, AIR CONDITIONER
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
C	CONDUIT, CLOSE, CONTROL
CB	CIRCUIT BREAKER
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
COM	COMMUNICATION
CT	CURRENT TRANSFORMER
CU	COPPER
(D)	DEMOLISH
DN	DOWN
(E)	EXISTING
F	FUSE
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID STEEL CONDUIT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
MDB	MAIN DISTRIBUTION BOARD
MDP	MAIN DISTRIBUTION PANEL
MSB	MAIN SWITCHBOARD
MT, MTD	MOUNT, MOUNTED
MT	EMPTY CONDUIT WITH NYLON PULL CORD
N/A	NOT APPLICABLE
(N)	NEW
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PH	PHASE
PNL	PANEL
REF	REFERENCE
REQD	REQUIRED
S	SWITCH
SIM	SIMILAR
TELE	TELEPHONE
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
W/	WITH
W	WIRE, WHITE
WP	WEATHERPROOF
XFMR	TRANSFORMER

SYMBOL	DESCRIPTION
<u>GENERAL</u>	
	DETAIL NUMBER AND SHEET LOCATION
<u>NEW WORK</u>	
	CONDUIT AND WIRE TAG
	KEYED NOTE
<u>LIGHTING</u>	
	AREA LUMINAIRE ARM MOUNTED WITH POLE AND CONCRETE BASE
<u>MISCELLANEOUS</u>	
	BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
	BRANCH PANEL
	CIRCUIT BREAKER
	CURRENT TRANSFORMER
	DIGITAL TYPE METER WITH VOLTMETER, AMMETER, KW METER, KVA METER, KVAR METER, AND %THD METER
	EQUIPMENT CONNECTION ITEM. REFER TO SCHEDULE
	FLUSH MOUNT EQUIPMENT ENCLOSURE AS NOTED
	FLUSH WALL MOUNTED BRANCH PANEL
	GROUND ROD
	GROUNDING POINT
	LANDING LUG
	MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL
	METER WITH CONNECTION
	SURFACE MOUNT EQUIPMENT ENCLOSURE AS NOTED
<u>RACEWAYS</u>	
CONDUIT CONCEALED IN WALL OR CEILING SPACE	
CONDUIT ROUTED BELOW FLOOR / GRADE	
	CONDUIT ELLED DOWN
	CONDUIT ELLED UP
	CONDUIT/WIRING CONTINUATION
	CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING



SYMBOL	DESCRIPTION
	UTILITY TRANSFORMER PAD/VAULT
	WALL MOUNTING BRACKET
	WATER PIPE GROUND CONNECTION
<u>CONNECTIONS / EQUIPMENT</u>	
	HEAVY DUTY FUSED DISCONNECT SWITCH
	JUNCTION BOX
	JUNCTION BOX WITH FLEX CONNECTION TO EQUIPMENT
	WALL-MOUNTED JUNCTION BOX
	NON-FUSED DISCONNECT SWITCH
	TRANSFORMER
	PULL BOX
	ENCLOSED CIRCUIT BREAKER
	MOTOR / ELECTRICAL EQUIPMENT
(SEE SCHEDULE)	
	4-PLEX RECEPTACLE, 120V, 20 AMP, GFCI

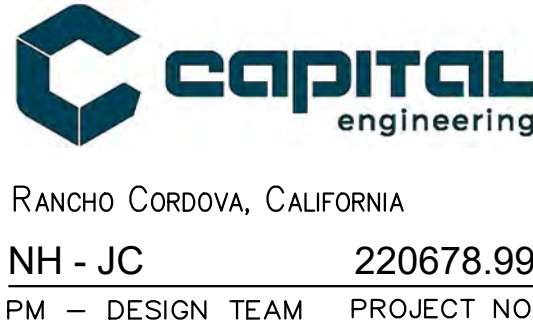
ELECTRICAL GENERAL NOTES	
A. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES AND AUTHORITIES HAVING JURISDICTION.	
B. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE ALL REQUIRED INSPECTIONS.	
C. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS AND TRADES.	
D. THESE DRAWINGS, AS PREPARED, ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS CONSTRUCTION OF THE PROJECT AND THE WORK OF THE TRADES WILL PERMIT. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS AND REQUIRED CLEARANCES WITH EQUIPMENT SUPPLIER AND ALL TRADES PRIOR TO INSTALLATION.	
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL THE EQUIPMENT INDICATED WITHIN THESE DRAWINGS UNLESS OTHERWISE NOTED. VERIFY LOCATION AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND / OR INSTALLATION.	
F. THE ENTIRE INSTALLATION SHALL BE GUARANTEED FREE OF DEFECTS AND CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO COST TO THE OWNER FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY ARCHITECT OR ENGINEER.	
G. ALL WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE ARCHITECT AND OWNER. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE OF PROPER NOTIFICATION DOES NOT RELIEVE THE CONTRACTOR. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.	
H. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SERVICE REQUIREMENTS WITH ROSEVILLE ELECTRIC.	

ELECTRICAL DEMOLITION NOTES	
A. THE ELECTRICAL DRAWING SET IS PREPARED BASE OF LIMITED FIELD OBSERVATION ONLY. ACTUAL CONDITIONS MAY VARY IN FIELD. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ELECTRICAL ENGINEER OF RECORD PRIOR TO BID.	
B. SEE CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.	
C. DISCONNECT AND MOVE ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES IN DEMOLITION AREAS UNLESS NOTED OTHERWISE.	
D. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUIT ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.	
E. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS/DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATION/DATA EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.	

SHEET INDEX	
E0.1	ELECTRICAL COVER SHEET
E0.2	ONE-LINE DIAGRAM & SCHEDULES
E1.0	ELECTRICAL OVERALL SITE PLAN
E1.1	ELECTRICAL DEMOLITION SITE PLAN
E1.2	ELECTRICAL SITE PLAN
E2.1	NOT USED
E3.0	ELECTRICAL DETAILS
E3.1	LIGHTING DETAILS
E3.2	LIGHTING DETAILS
E4.1	TITLE 24 LTO FORMS
E4.2	TITLE 24 LTO FORMS
E5.1	ELECTRICAL SPECIFICATIONS
E5.2	ELECTRICAL SPECIFICATIONS
E6.0	SUPPLEMENT - SITE LIGHTING PHOTOMETRIC PLAN

RECORD DRAWINGS	
ALL INFORMATION SHOWN ON THESE PLANS HAVE BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.	
PROJECT ENGINEER	DATE
RCE#	

<div><p>CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT</p></div>	<div><p>Date Signed: <i>Nathan</i></p></div>	PROJECT NAME SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	DRAWING NAME ELECTRICAL COVER SHEET	ROCKLIN COUNTY OF PLACER CALIFORNIA	INITIALS											
SCALE: AS SHOWN		DATE: 01.07.2026		CITY PROJECT NO.:		SHEET NO.:		E0.1		DRAWING: 1 OF 13						



PANELBOARD SCHEDULE - L1																
DESIGNATION	FEEDER NO.	POLES & AMPS	LOAD, VA			C	P	C	LOAD, VA			POLES & AMPS	FEEDER NO.	DESIGNATION		
			LTG.	RECP.	OTHER	K	H	K	LTG.	RECP.	OTHER					
RECEPTACLES		1/20**		450		1	A	2		1400			2/20	PICKLEBALL COURT 7&8		
SPACE						3	B	4		1400						
IRRIGATION CONTROLLER		1/20**			500	5	C	6		1800			2/20	PICKLEBALL COURT 9&10		
LIGHTING CONTROLS		1/20			500	7	A	8		1800						
SPACE						9	B	10		1200			2/20	PICKLEBALL COURT 11&12		
SPACE						11	C	12		1200						
PATHWAY/SECURITY LIGHTING/PLAZA		2/20	1250			13	A	14		1200			2/20	PICKLEBALL COURT 13&14		
			1250			15	B	16		1200						
PICKLEBALL COURT 1&2		2/20	1400			17	C	18		1400			2/20	PICKLEBALL COURT 15&16		
			1400			19	A	20		1400						
PICKLEBALL COURT 3&4		2/20	1200			21	B	22						SPACE		
			1200			23	C	24						SPACE		
PICKLEBALL COURT 5&6		2/20	1200			25	A	26						SPACE		
			1200			27	B	28						SPACE		
SPACE						29	C	30						SPACE		
SPACE						31	A	32						SPACE		
SPACE						33	B	34						SPACE		
SPACE						35	C	36						SPACE		
SPACE						37	A	38						SPACE		
SPACE						39	B	40						SPACE		
SPACE						41	C	42						SPACE		
			10,100	450	1,000				14,000	0	0	SECTION SUB-TOTALS				

CATEGORY	CONN. LOAD		DESIGN LOAD		
	KVA	AMPS	DIV.	KVA	AMPS
LIGHTING:	24.1	58.0	1.25	30.1	72.6
RECEPTACLE	0.5	1.1	1.00	0.5	1.1
MOTORS	0.0	0.0	1.00	0.0	0.0
SPECIAL LOADS	1.0	2.4	1.00	1.0	2.4
ELECTRIC HEATING	0.0	0.0	1.00	0.0	0.0
WATER HEATING	0.0	0.0	1.00	0.0	0.0
EVSE/EVCS	0.0	0.0	1.25	0.0	0.0
TOTAL:	25.6	61.5		31.6	76.0

MOUNTING:	SURFACE, NEMA 3R
VOLTS:	120/240 DELTA
PHASE/WIRE:	3/4
MAINS SIZE:	200 AMPS
MAINS TYPE:	MCB
BUSS TYPE:	COPPER
BRKR TYPE:	BOLT-IN
A.I.C. (RMS):	65,000
A Phase	10.6 Connected Kva
B Phase	7.5 Connected Kva
C Phase	7.5 Connected Kva

REMARKS:
** GFCI CIRCUIT BREAKER

FEEDER NO.: 1 =

CAUTION: HIGH LEG ON PHASE B (208V TO NEUTRAL). DO NOT CONNECT 120 VOLT LOADS OR SINGLE-POLE BREAKERS TO PHASE B. PHASES 1 AND CARE 120 VOLT TO NEUTRAL.

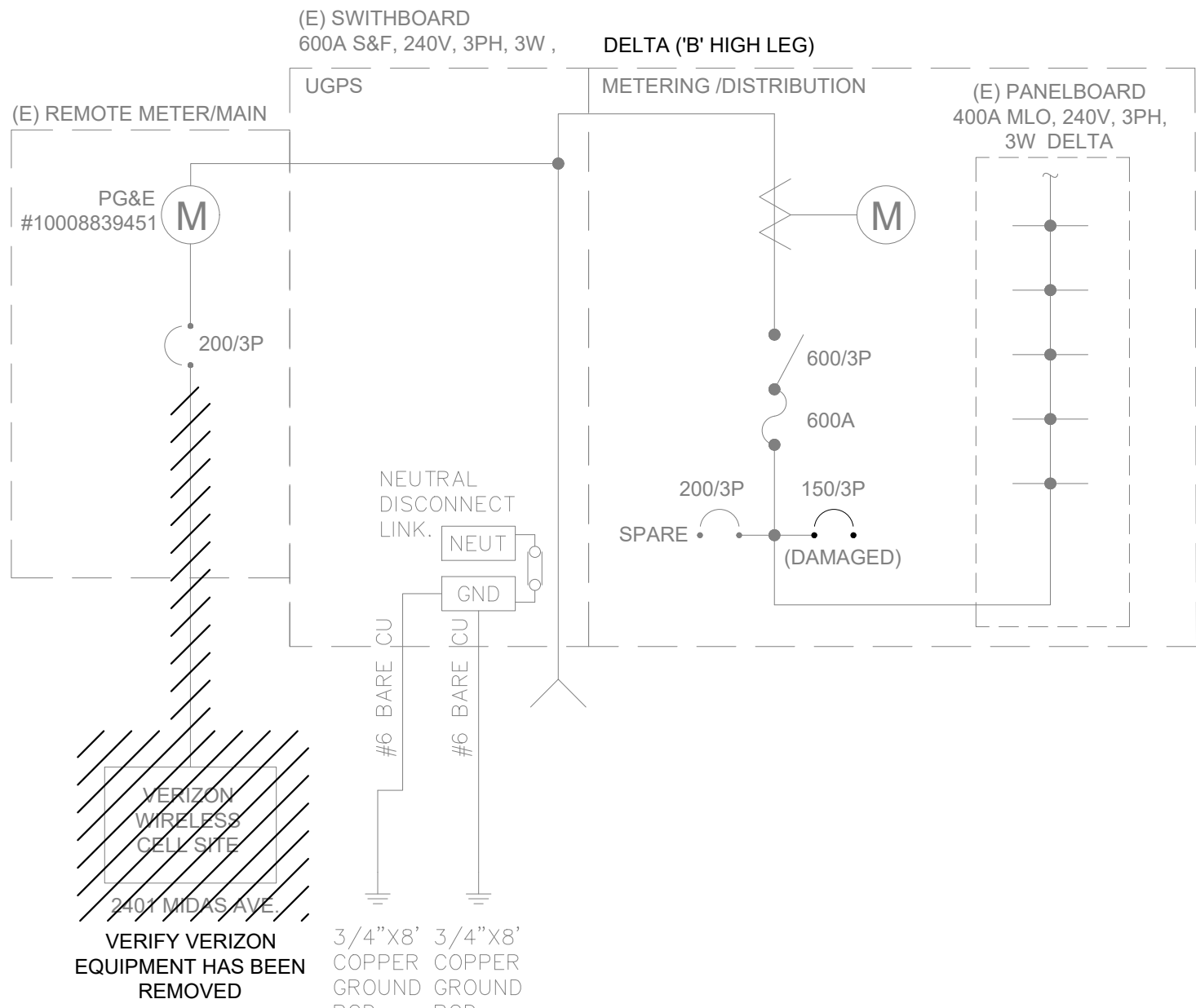
VOLTAGE DROP CALCULATION										
CEC 215.2(A)(3) FPN No. 2										
3 PHASE FORMULA:										
$\frac{\sqrt{3} \cdot L \cdot R \cdot A}{1000} \quad \%VD = \frac{VD \cdot 100\%}{V}$										
1 PHASE FORMULA:										
$VD = \frac{2 \cdot L \cdot R \cdot A}{1000} \quad \%VD = \frac{VD \cdot 100\%}{V}$										
PANEL	DISTANCE (FT)	AMPS	VOLTAGE	CONDUCTOR TYPE	PHASE	WIRE SIZE	CONDUIT	IMPEDANCE: OHMS/KFT	VD	%VD
L1-13/15S SECURITY	722	2	240	CU	1	#10	PVC	1.100	2.38	0.99%
L1-13/15 PEDESTRIAN	650	2	240	CU	1	#10	PVC	1.100	2.86	1.19%
L1-17/19 PICKLEBALL	270	12	240	CU	1	#10	PVC	1.100	7.13	2.97%
L1-21/23 PICKLEBALL	245	10	240	CU	1	#10	PVC	1.100	5.39	2.25%
L1-25/27 PICKLEBALL	210	10	240	CU	1	#12	PVC	1.700	7.14	2.98%
L1-2/4 PICKLEBALL	170	12	240	CU	1	#12	PVC	1.700	6.94	2.89%
1. CONDUCTOR IMPEDANCE VALUES BASED ON CEC CHAPTER 9 TABLE 9 - EFFECTIVE IMPEDANCE FOR UNCOATED COPPER WIRES IN PVC OR STEEL CONDUIT @ 0.85 PF (OHM/KFT)										
2. PER CEC 210.19(A)(1)FPN NO. 4: BRANCH CIRCUITS ARE ALLOWED 3% VOLTAGE DROP AND THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST OUTLET DOES NOT EXCEED 5%										

LIGHTING FIXTURE SCHEDULE										
TAG	AREA	DESCRIPTION	MANUFACTURER / MODEL	LAMPS	WATTS	VOLTAGE	FIXTURE MOUNTING HEIGHT (AFG)	MOUNTING	MOUNTING DETAIL	NOTES
W	PATHWAY	LIGHTING POLE, SINGLE FIXTURE	BASLINE: BLS-ARLM-100-1-DDK-D-AM-T4-AD	LED	40	240	12'	POLE	4/E3.2	1,3
P	SPORTS	SPORTS LIGHTING	BASLINE: BLS-ARLM-400-1-DDK-D-AM-T4-AD	LED	400	240	22'	POLE	3&4/E3.2	4
P2	SECURITY	LIGHTING POLE, SINGLE FIXTURE	BASLINE: BLS-ARLM-300-1-DDK-D-AM-T4-AD	LED	120	240	16'	POLE	3/E3.2	2
P3	PLAZA	LIGHTING POLE, SINGLE FIXTURE	BASLINE: BLS-ARLM-300-1-DDK-D-AM-T4-AD	LED	300	240	22'	POLE	3/E3.2	5
NOTES: 1 100 WATT LED DRIVER SET AT 40% 2 300 WATT LED DRIVER SET AT 40% 3 12' HIGH X 4" SQ. SQUARE STRAIGHT STEEL POLE (SINGLE FIXTURE), DARK BRONZE POWDER COAT - LUMECON H-SSS12B4-4-D190-BM 4 TWO POLE TYPES ARE USED FOR SPORTS. SEE PLANS FOR NUMBER OF FIXTURES AND FOUNDATION REQUIRED. 22' HIGH X 4" SQ. SQUARE STRAIGHT STEEL POLE (SINGLE FIXTURE), DARK BRONZE POWDER COAT - LUMECON H-SSS22B4-4-D190-BM 22' HIGH X 4" SQ. SQUARE STRAIGHT STEEL POLE (DUAL FIXTURES), DARK BRONZE POWDER COAT - LUMECON H-SSS22B4-4-D218-BM 5 22' HIGH X 4" SQ. SQUARE STRAIGHT STEEL POLE (DUAL FIXTURES), DARK BRONZE POWDER COAT - LUMECON H-SSS22B4-4-D218-BM										
GENERAL NOTES: A:THIS LIGHTING SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING ELECTRICAL SPECIFICATIONS. B:SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. C:PROVIDE SUBMITTALS THAT INCLUDE LIGHTING FIXTURE, LED, AND DRIVER INFORMATION FOR EACH FIXTURE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD. D:PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 COMMISSIONING REQUIREMENTS.										

LOAD CALCULATIONS			
EXISTING SERVICE CAPACITY	200A	240V 3PH	
NEW LOAD			
(3) RECEPTACLES 0.18KW @120V (1Φ)		540.0 VA	
(1) IRRIGATION CONTROLLER 0.5KW @120V (1Φ)		500.0 VA	
(53) SPORTS LIGHTING 'P' 0.4KW @240V (1Φ)		21,200.0 VA	
(2) LIGHTING 'P2' 0.3KW @240V (1Φ)		600.0 VA	
(5) LIGHTING 'P3' 0.3KW @240V (1Φ)		1,500.0 VA	
(10) LIGHTING 'W' 0.1KW @240V (1Φ)		1,000.0 VA	
(1) LIGHTING CONTROL 0.3KW @120V (1Φ)		300.0 VA	
TOTAL LOADS =		25,640.0 VA	
AMPS AT 240/120V 3PH =		61.7 AMPS	
+25% SPARE CAPACITY =		15.4 AMPS	
TOTAL =		77.1 AMPS	
THE EXISTING 200A 240/120V SERVICE IS ADEQUATE			

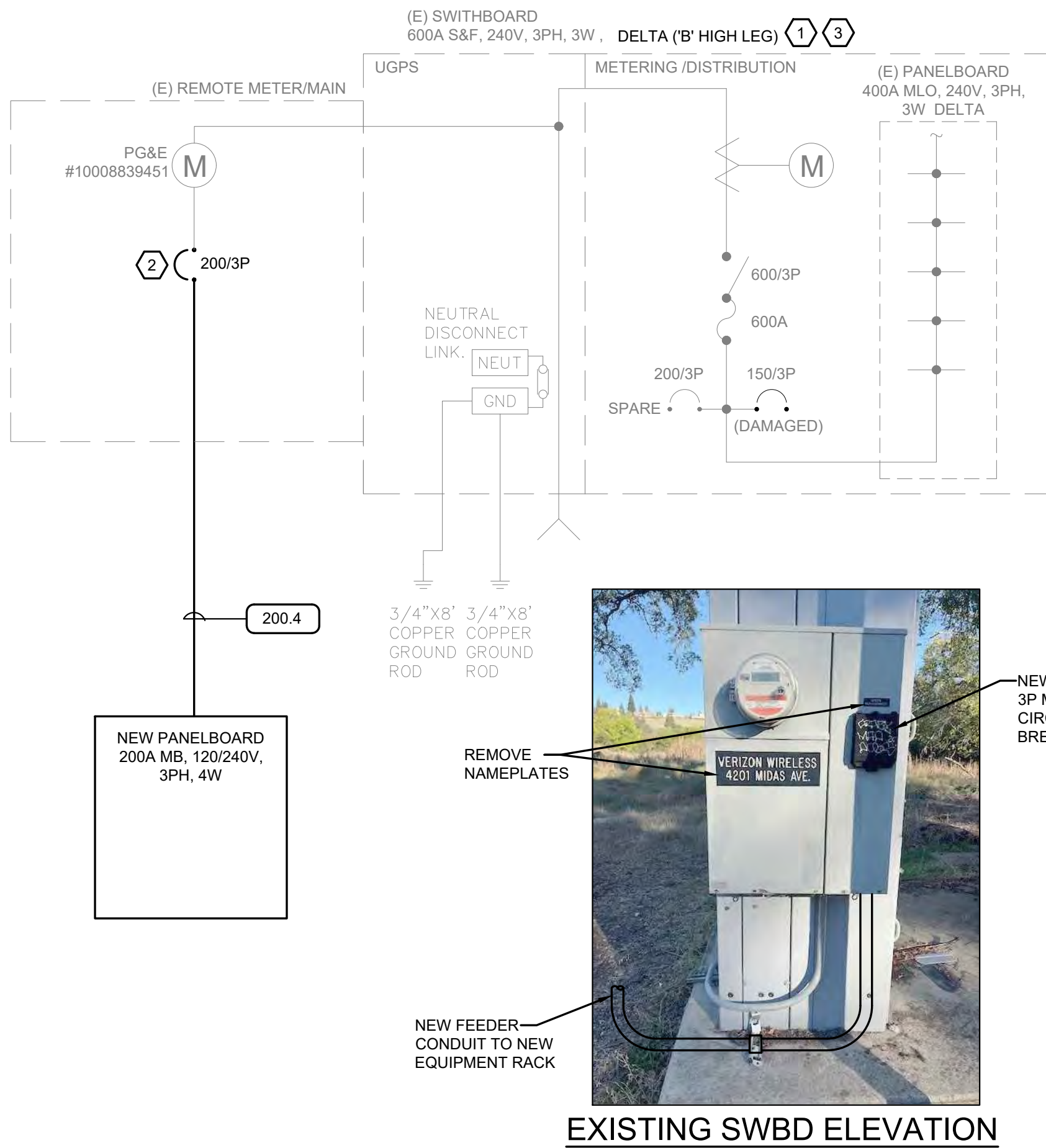
KEY NOTES:

- CONTRACTOR SHALL TEST ALL ASPECTS OF THE EXISTING SWITCHBOARD FOR PROPER OPERATION. CONTRACTOR SHALL REPAIR ANY DEFICIENCIES FOUND TO AS NEW CONDITION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
- FURNISH AND INSTALL NEW 200 AMP, 120/240V, 3 PHASE CIRCUIT BREAKER.
- PRIOR TO INSTALLING NEW SERVICE DISCONNECT CIRCUIT BREAKER AND REQUESTING PG&E METER REINSTATEMENT, VERIFY EXISTING GROUNDING ELECTRODE SYSTEM (GES) INCLUDING GROUND RODS (MIN. 5/8" x 8' COPPER-CLAD PER PG&E STD. 013109), CLAMPS, CONDUCTORS, AND BONDING JUMPERS. CONFIRM CONTINUITY, PROPER SIZING (PER CEC TABLE 250.66), MECHANICAL PROTECTION OF GROUNDING ELECTRODE CONDUCTOR (GEC, E.G., RIGID STEEL CONDUIT OR ARMORED), AND SINGLE NEUTRAL-GROUND BOND ONLY AT THE MAIN SERVICE DISCONNECT. OBTAIN LOCAL AHJ INSPECTION AND GREEN TAG PRIOR TO PG&E PRE-ENERGIZATION. REFERENCE PG&E GREENBOOK SECTION 5.8 AND CEC ARTICLE 250 FOR FULL COMPLIANCE.



DEMO ELECTRICAL ONE-LINE DIAGRAM

SCALE : N.T.S.



ELECTRICAL ONE-LINE DIAGRAM

SCALE : N.T.S.

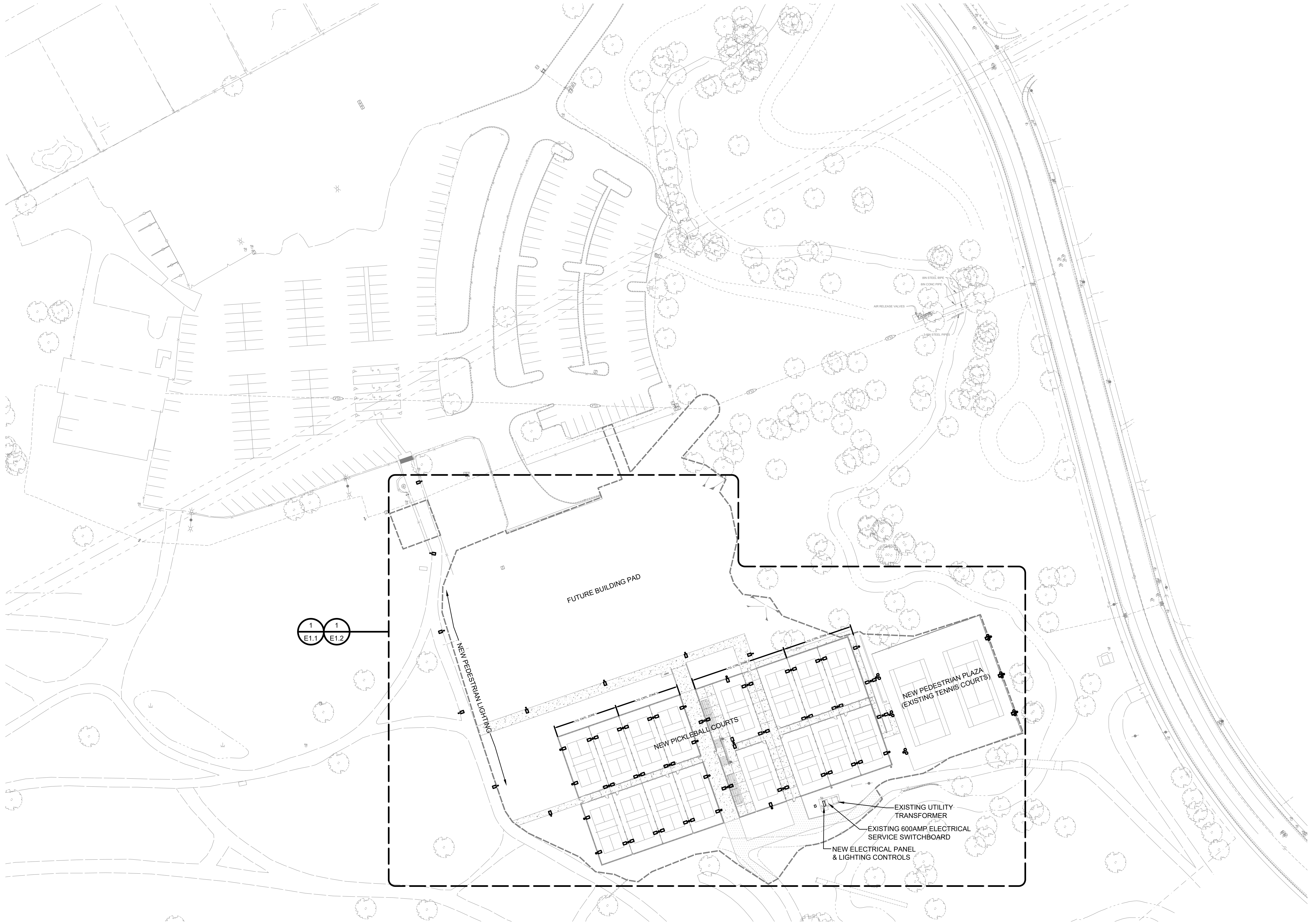
RECORD DRAWINGS	
ALL INFORMATION SHOWN ON THESE PLANS HAVE BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.	
PROJECT ENGINEER	DATE
RCE#	

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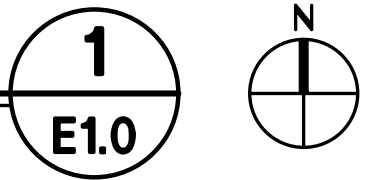
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DATE	BY	REVISION	NO.	DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS
PROJECT NAME				DRAWING NAME				
SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS				ONE-LINE DIAGRAM & SCHEDULES				
CITY OF ROCKLIN				COMMUNITY DEVELOPMENT DEPARTMENT				
REGISTERED PROFESSIONAL ENGINEER No. E 23927 5-31-2025 Date Signed: <i>10/2/2025</i>				SCALE: AS SHOWN DATE: 01.07.2026 CITY PROJECT NO.: SHEET NO.: E0.2 DRAWING: 2 OF 13				



ELECTRICAL OVERALL SITE PLAN
SCALE : 1" = 50'-0"



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PROJECT ENGINEER	DATE
RCE#	

PROJECT NAME SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	DESIGNED	NO.	REVISION	BY	DATE
	DRAWN				
DRAWING NAME ELECTRICAL OVERALL SITE PLAN	CHECKED				
	APPROVED				
	INITIALS				
CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT					
Date Signed: <i>Nathan A. Healy</i>					
SCALE: AS SHOWN					
DATE: 01.07.2026					
CITY PROJECT NO.:					
SHEET NO.:					
E1.0					
DRAWING: 3 OF 13					



KEY NOTES:

- 1. REMOVE ALL WIRES AND CUT BACK EXISTING CONDUIT AND ABANDON AT 24" BELOW GRADE.
- 2. REMOVE EXISTING LUMINAIRES AND LIGHT POLES. REMOVE FOUNDATION AS REQUIRED FOR NEW CONSTRUCTION.
- 3. REMOVE EXISTING LUMINAIRES AND WIRING FROM LIGHT POLE CROSS ARM.
- 4. REMOVE ALL ABOVE GRADE ELECTRICAL EQUIPMENT AND CONDUIT WORK FROM ENCLOSURE TO LIGHT POLES. REMOVE ALL WIRES AND CUT BACK EXISTING CONDUIT AND ABANDON AT 24" BELOW GRADE. SEE E1.2 FOR NEW WORK

4 (E) CONDUIT ALONG TOP OF FENCE. TYP.

ELECTRICAL DEMOLITION SITE PLAN

SCALE : 1" = 20'-0"

1
E1.1



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PROJECT ENGINEER

DATE

RCE#

DESIGNED	DRAWN	CHECKED	APPROVED	INITIALS

NO.	REVISION	BY	DATE

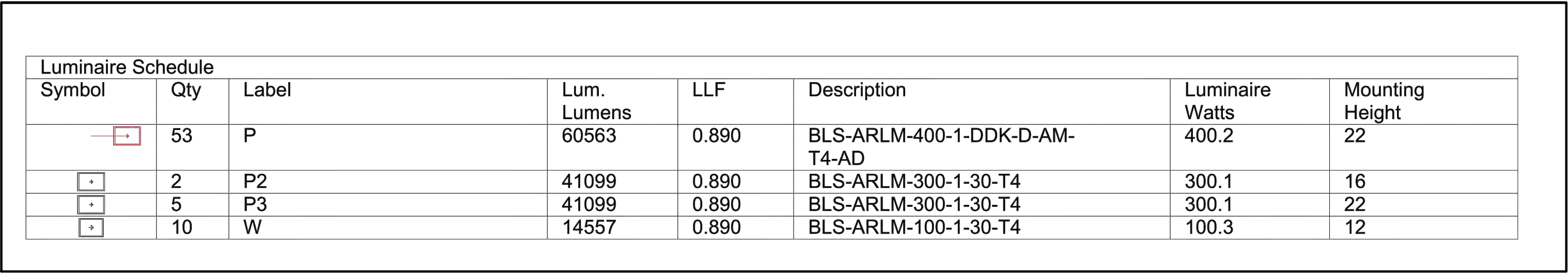
PROJECT NAME
**SUNSET WHITNEY RECREATION AREA
PICKLEBALL COURTS**

DRAWING NAME
ELECTRICAL DEMOLITION SITE PLAN
ROCKLIN COUNTY OF PLACER CALIFORNIA



CITY OF ROCKLIN
COMMUNITY DEVELOPMENT
DEPARTMENT

SCALE: AS SHOWN
DATE: 01.07.2026
CITY PROJECT NO.:
SHEET NO.: E1.1
DRAWING: 4 OF 13



- | | |
|---|--|
| 1. ELECTRICAL EQUIPMENT RACK. SEE DETAIL 1, SHT. E3.0 FOR ELEVATION. | ABOVE FINISH SURFACE. |
| 2. WEATHERPROOF GFCI, CONVENIENCE 4-PLEX RECEPTACLE WITH LOCKABLE IN-USE COVER, MOUNTED IN CAST BOX AT +18" ABOVE FINISH SURFACE AT BASE OF FENCE. REFER TO DETAIL 4, DWG. E3.0 FOR MOUNTING. | 8. 16" HIGH POLE WITH FIXTURES MOUNTED AT +16" A.F.G. |
| 3. SECURITY LIGHT, DUSK 'ON', DAWN 'OFF'. | 9. REFER TO IRRIGATION DRAWINGS FOR IRRIGATION CONTROLLER REQUIREMENTS. PROVIDE GROUNDING AS REQUIRED BY MANUFACTURER & NEC. |
| 4. TYPICAL PEDESTRIAN LIGHT, DUSK 'ON', TIMECLOCK 'OFF'. | 10. TYPICAL PULLBOX, SEE DETAIL 3, DWG. E3.0 FOR INFORMATION. |
| 5. LIGHTING ZONE CONTROL PUSHBUTTON AND INDICATING LIGHT. SEE DWG. E3.1 FOR CONTROLS AND DWG. E3.2, DET. 2 FOR MOUNTING. | 11. TYPICAL TRENCHING, SEE DETAIL 2, DWG. E3.0 FOR INFORMATION. |
| 6. EXISTING 20' LIGHT POLE WITH CROSS ARM TO BE UPDATED WITH NEW LIGHTING FIXTURE, TYPICAL FOR 3. | |

DESIGNED	NO.	REVISION	BY	DATE
DRAWN				
CHECKED				
APPROVED				
INITIALS				

ELECTRICAL SITE PLAN


DRAWING NAME



ROCKLIN
CALIFORNIA

DRAWING: 5 OF 13

1
E1.2



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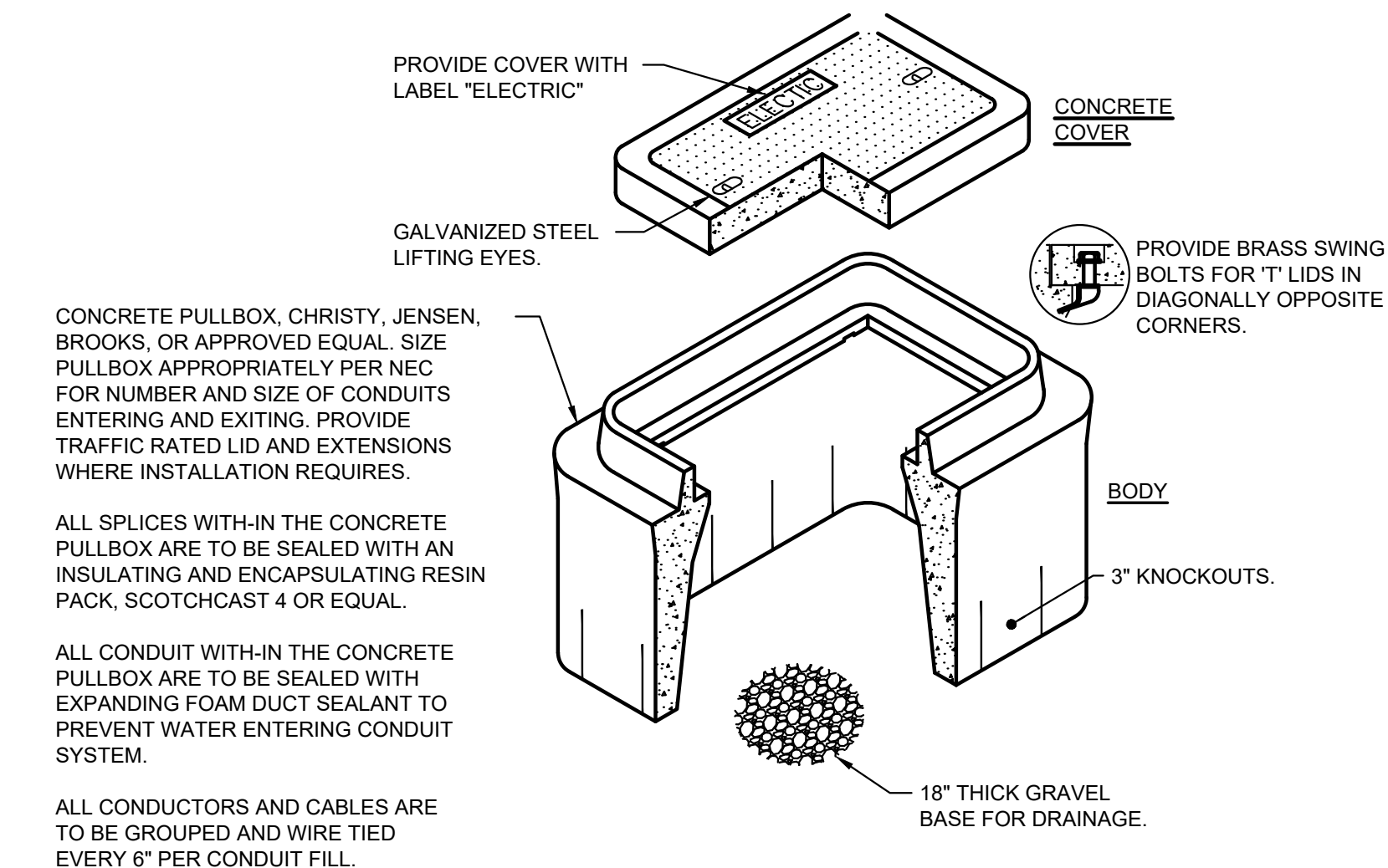
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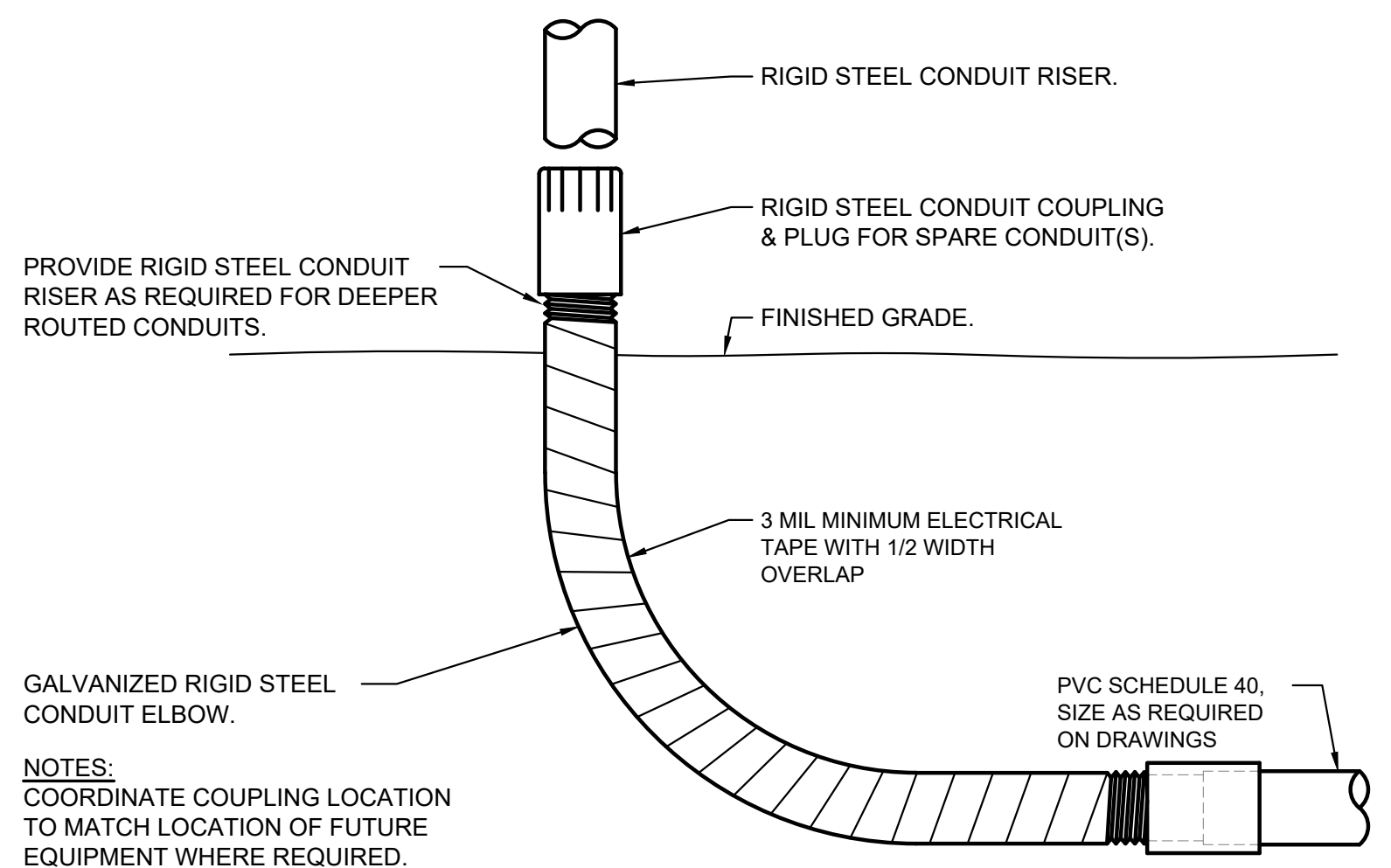
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RCE#

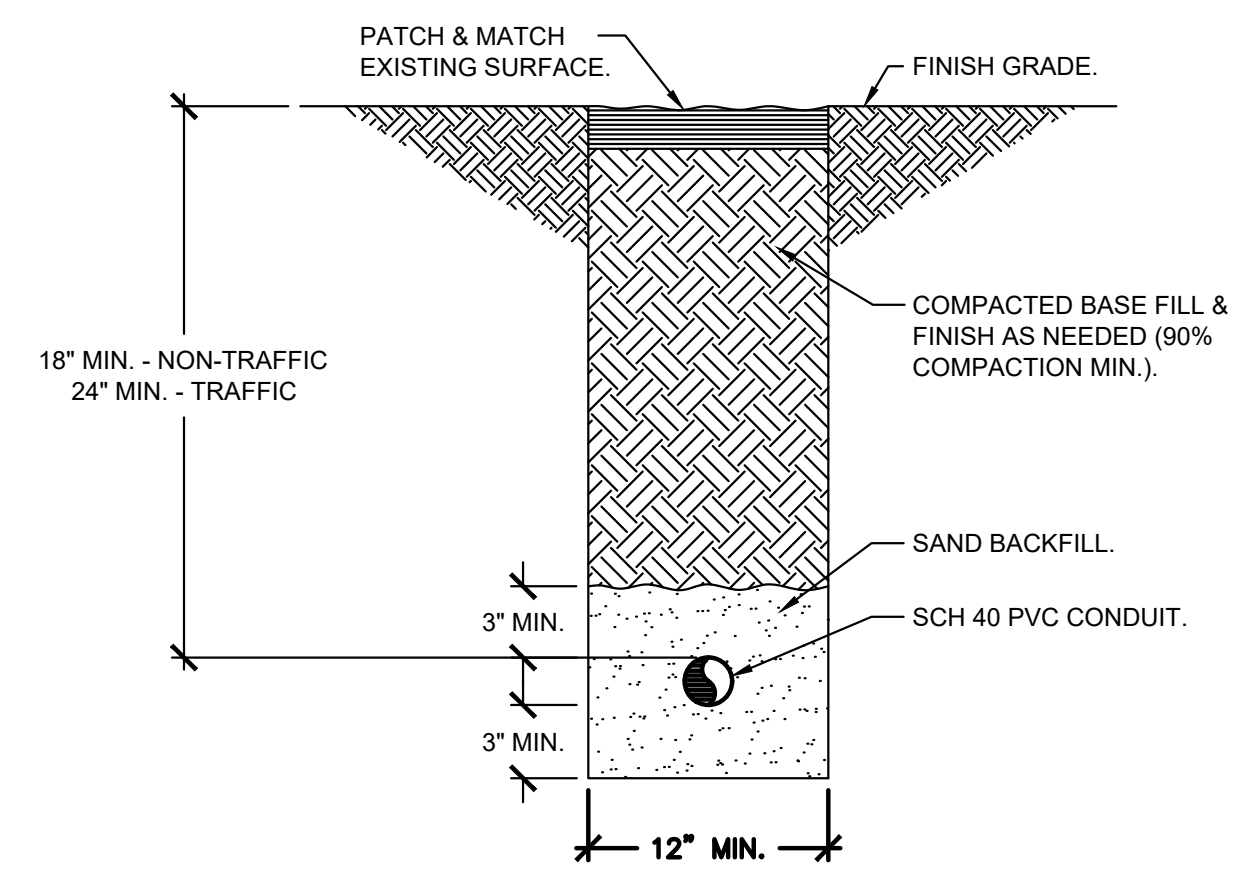




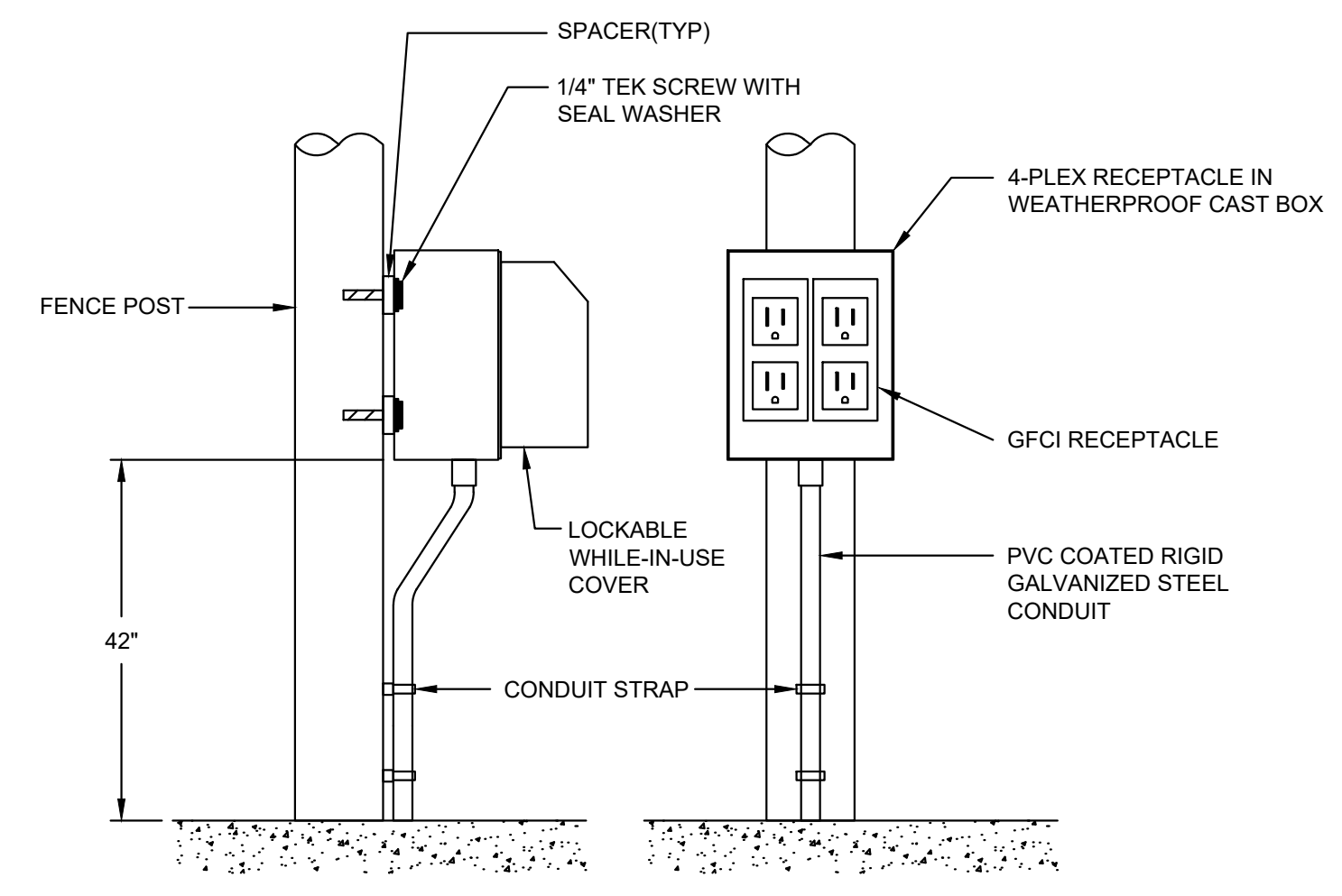
TYPICAL CONCRETE PULLBOX DETAIL 3
SCALE : N.T.S. E3.0



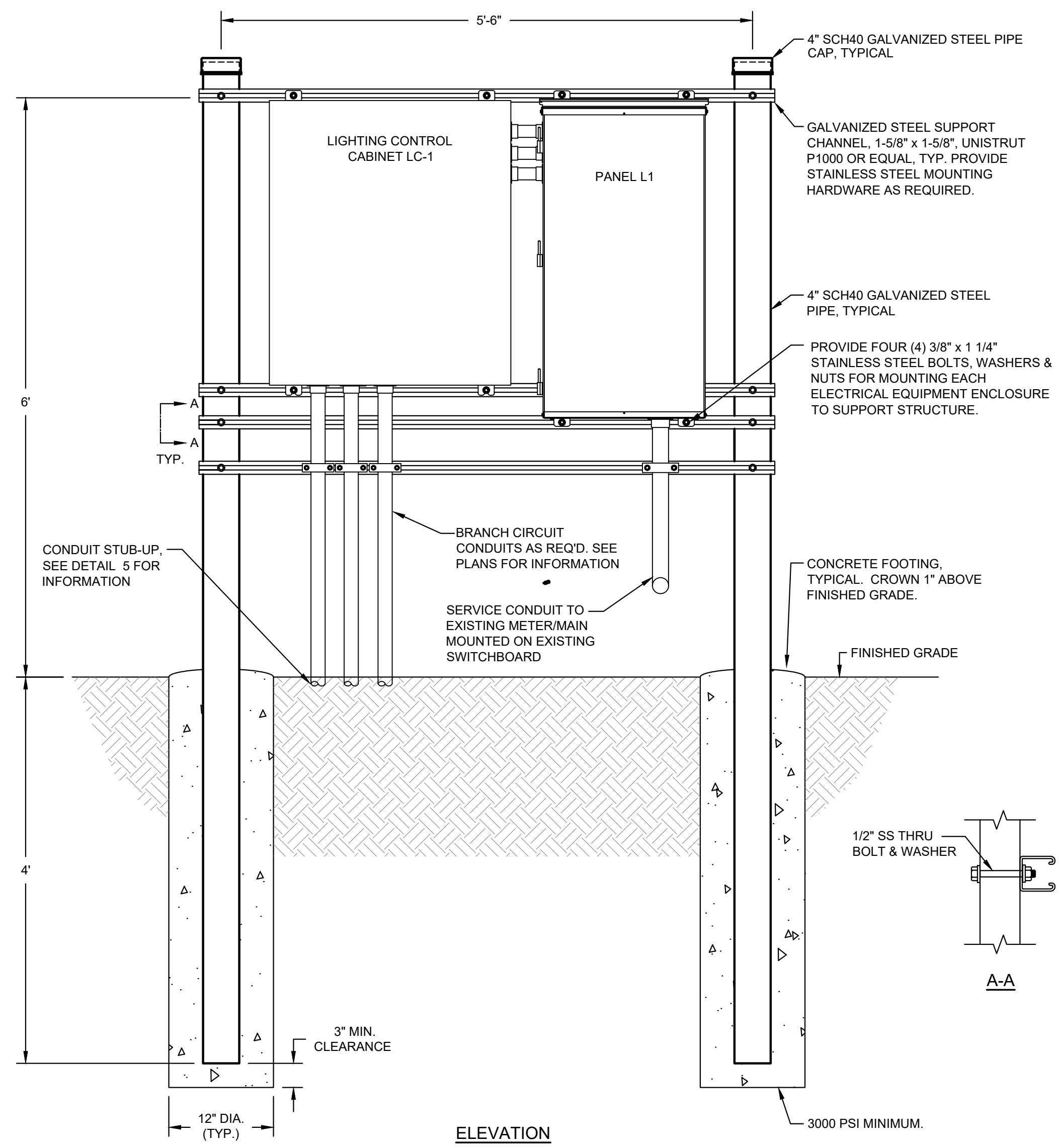
CONDUIT STUB-UP DETAIL 5
SCALE : N.T.S. E3.0



TYPICAL TRENCH DETAIL 2
SCALE : N.T.S. E3.0



RECEPTACLE DETAIL 4
SCALE : N.T.S. E3.0



ELECTRICAL EQUIPMENT RACK ELEVATION 1
SCALE : N.T.S. E3.0



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PROJECT ENGINEER	DATE
RCE#	

PROJECT NAME	SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS
DRAWING NAME	ELECTRICAL DETAILS
PROJECT NO.	NO.
DESIGNED	CHECKED
DRAWN	APPROVED
BY	REVISION
DATE	INITIALS
CITY OF ROCKLIN COMMUNITY DEVELOPMENT DEPARTMENT	
ROCKLIN COUNTY OF PLACER CALIFORNIA	
SCALE: AS SHOWN	
DATE: 01.07.2026	
CITY PROJECT NO.:	
SHEET NO.: E3.0	
DRAWING: 6 OF 13	

Date Signed: *Nathan A. Healy*

RCE#



STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: SWRA Pickleball

Report Page: (Page 1 of 8)

Project Address: 4201 Midas Ave

Date Prepared: 12/15/2025

A. GENERAL INFORMATION

01 Project Location (city) Rocklin

02 Climate Zone 12

04 Total Illuminated Hardscape Area (ft²) 137127

03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):

05 Occupancy Types within Project

• All Other Occupancies

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01 New Lighting System

02 Must Comply with Allowances from 140.7 / 170.2(e)6

03 Altered Lighting System

04 Is your alteration increasing the connected lighting load (Watts)?

05 Yes

05 No

03 % of Existing Luminaires Being Altered¹

04 Sum Total of Luminaires Being Added or Altered

05 Calculation Method

03 < 10%

03 >= 10% and < 50%

03 >= 50%

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

Generated Date/Time:

Documentation Software: EnergyPro

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Compliance ID: EnergyPro-30211-1225-3263

Schema Version: rev 20220101

Report Generated: 2025-12-15 08:38:37

STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: SWRA Pickleball

Report Page: (Page 3 of 8)

Date Prepared: 12/15/2025

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01 Name or Item Tag

02 Complete Luminaire Description

03 Watts per luminaire¹ ²

04 How is Wattage determined

05 Total Number Luminaires ²

06 Luminaire Status³

07 Excluded per 140.7(a) / 170.2(e)6A

08 Design Watts

09 Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)¹⁴

10 Field Inspector

01 P2

02 P2

03 300

04 Mfr. Spec

05 2

06 New

07

08 600

09 Provided

10

01 P3

02 P3

03 300

04 Mfr. Spec

05 5

06 New

07

08 1,500

09 Provided

10

01 W

02 W

03 100

04 Mfr. Spec

05 10

06 New

07

08 1,000

09 Provided

10

Total Design Watts: 3100

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

¹ FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

² For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

³ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

⁴ Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

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CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: SWRA Pickleball

Report Page: (Page 2 of 8)

Date Prepared: 12/15/2025

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv

01 General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)

02 Per Application 140.7(d)2 / 170.2(e)6 (See Table J)

03 Sales Frontage 140.7(d)2 (See Table K)

04 Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)

05 Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)

06 Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)

07 Total Allowed (Watts)

08 Total Actual (Watts)

09 07 must be >= 08

3,114 + --- + --- + --- + --- OR --- = 3,114 ≥ 3,100 COMPLIES

Shielding Compliance (See Table G for Details) COMPLIES

Controls Compliance (See Table H for Details) COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Generated Date/Time:

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Compliance ID: EnergyPro-30211-1225-3263

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STATE OF CALIFORNIA

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: SWRA Pickleball

Report Page: (Page 4 of 8)

Date Prepared: 12/15/2025

G. SHIELDING REQUIREMENTS (BUG)

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.8.

01 Name or Item Tag

02 Complete Luminaire Description

03 Mounting Height¹

04 Max Allowable Backlight Rating³

05 Backlight Rating Per Design

06 Lighting type

07 Max Allowable Uplight Rating³

08 Uplight Rating Per Design

09 Mounting Height¹

10 Max Allowable Glare Rating³

11 Glare Rating Per Design

12 Pass

12 Fail

01 W

02 W

03 2 MH from property line

04 No Limit

05 B3

06 All other outdoor lighting, including decorative

07 U2

08 U0

09 > 2 MH from property line

10 G2

11 G2

12

01 P2

02 P2

03 2 MH from property line

04 No Limit

05 B4

06 All other outdoor lighting, including decorative

07 U2

08 U0

09 > 2 MH from property line

10 G2

11 G4

12

01 P3

02 P3

03 2 MH from property line

04 No Limit

05 B4

06 All other outdoor lighting, including decorative

07 U2

08 U0

09 > 2 MH from property line

10 G2

11 G4

12

¹ FOOTNOTES: Mounting Height is labeled MH in this table.

² Authority Having Jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per 130.2(b) / 160.5(c)

³ BUG ratings with a lower number than the 'Max Allowable' are compliant. Ex. If Max Allowable is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.

Generated Date/Time:

Documentation Software: EnergyPro

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

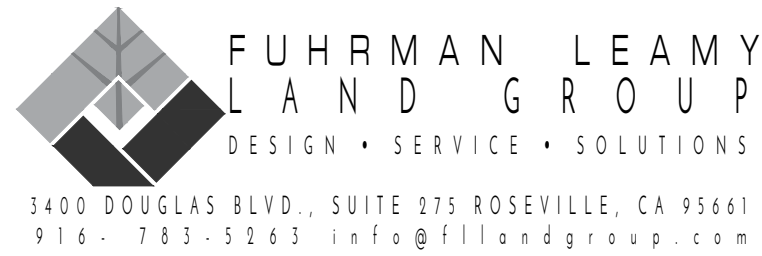
Compliance ID: EnergyPro-30211-1225-3263

Schema Version: rev 20220101

Report Generated: 2025-12-15 08:38:37



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PROJECT ENGINEER

DATE

RCE#

DATE

BY

REVISION

NO.

DESIGNED

DRAWN

CHECKED

APPROVED

INITIALS

SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS

TITLE 24 LTO FORMS

ROCKLIN

COUNTY OF PLACER

CALIFORNIA

PROJECT NAME

DRAWING NAME

REGISTERED PROFESSIONAL ENGINEER
No. E 23927
3-31-2025
ELECTRICAL
STATE OF CALIFORNIA
Date Signed: [Signature]

CITY OF ROCKLIN

COMMUNITY DEVELOPMENT DEPARTMENT

SCALE: AS SHOWN

DATE: 01.07.2026

CITY PROJECT NO.:

SHEET NO.:

E4.1

DRAWING: 9 OF 13



STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E	
Project Name:	SWRA Pickleball	Report Page:	(Page 5 of 8)
		Date Prepared:	12/15/2025

H. OUTDOOR LIGHTING CONTROLS					
This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.					
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit					
Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings					
01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Pedestrian Lighting	Astronomical Timer	Provided	Provided	<input type="checkbox"/>	<input type="checkbox"/>
Security Lighting	Astronomical Timer	Provided	Provided	<input type="checkbox"/>	<input type="checkbox"/>

¹FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
²Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
³Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E	
Project Name:	SWRA Pickleball	Report Page:	(Page 7 of 8)
		Date Prepared:	12/15/2025

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online
Form/Title
NRCH-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE	
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html	
Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Pedestrian Lighting; Security Lighting;

Generated Date/Time:

Documentation Software: EnergyPro

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000
Schema Version: rev 20220101

Compliance ID: EnergyPro-30211-1225-3263
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Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E	
Project Name:	SWRA Pickleball	Report Page:	(Page 6 of 8)
		Date Prepared:	12/15/2025

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))								
<p>This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.</p>				01				
				"Use it or lose it" Allowance (select all that apply) (select all that apply)				
				<input checked="" type="checkbox"/> General Hardscape Allowance Table I (below)	<input type="checkbox"/> Per Application Table J	<input type="checkbox"/> Sales Frontage Table K	<input type="checkbox"/> Ornamental Table L	<input type="checkbox"/> Per Specific Area Table M
Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel								
02	03	04	05	06	07	08	09	
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General	
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	AWA + LWA (Watts)	
SWRA Pickleball	137127	0.019	2605.4	2057	0.2	308.6	2914	
Initial Wattage Allowance for Entire Site (Watts):							200	
Instances of Initial Wattage Allowance (LZ 0 only) ¹								
Total General Hardscape Allowance (Watts):							3114	

J. LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

Generated Date/Time:

Documentation Software: EnergyPro

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000
Schema Version: rev 20220101

Compliance ID: EnergyPro-30211-1225-3263
Report Generated: 2025-12-15 08:38:37

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E	
Project Name:	SWRA Pickleball	Report Page:	(Page 8 of 8)
Project Address:	4201 Midas Ave	Date Prepared:	12/15/2025

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: Rustem Kopbayev	Documentation Author Signature: <i>Rustem</i>
Company: Capital Engineering Consultants Inc.	Signature Date: 2025-12-15
Address: 11020 Sun Center Drive Suite 100	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Rancho Cordova CA 95670	Phone: 916-851-3575
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California:	
<ol style="list-style-type: none">The information provided on this Certificate of Compliance is true and correct.I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.	
Responsible Designer Name: Nathan Hearn	Responsible Designer Signature: <i>Nathan Hearn</i>
Company: Capital Engineering Consultants Inc.	Date Signed: 2025-12-15
Address: 11020 Sun Center Drive, Suite 100	License: E23927
City/State/Zip: Rancho Cordova CA 95670	Phone: 916-851-3568

Generated Date/Time:

Documentation Software: EnergyPro

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RANCHO CORDOVA, CALIFORNIA
NH - JC 220678.99
PM - DESIGN TEAM PROJECT NO.



3400 DOUGLAS BLVD., SUITE 375 ROSEVILLE, CA 95661
916-783-5263 info@fllandgroup.com

RECORD DRAWINGS	
ALL INFORMATION SHOWN ON THESE PLANS HAVE BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN WHEN THE PROJECT ENGINEER IS ADVISED IN WRITING OF SUCH CHANGE BY THE OWNER, DEVELOPER, CONTRACTOR, OR THE CITY OF ROCKLIN.	
PROJECT ENGINEER	DATE
RCE#	

PROJECT NAME	SUNSET WHITNEY RECREATION AREA PICKLEBALL COURTS	PROJECT NO.	
DRAWING NAME	TITLE 24 LTO FORMS	NO.	
		DESIGNED	
		DRAWN	
		CHECKED	
		APPROVED	
		INITIALS	
CITY OF ROCKLIN	COMMUNITY DEVELOPMENT DEPARTMENT	SCALE: AS SHOWN	
		DATE: 01.07.2026	
		CITY PROJECT NO.:	
		SHEET NO.:	E4.2
		DRAWING: 10 OF 13	

F. Install an insulated grounding bushing on conduits which enter the equipment.

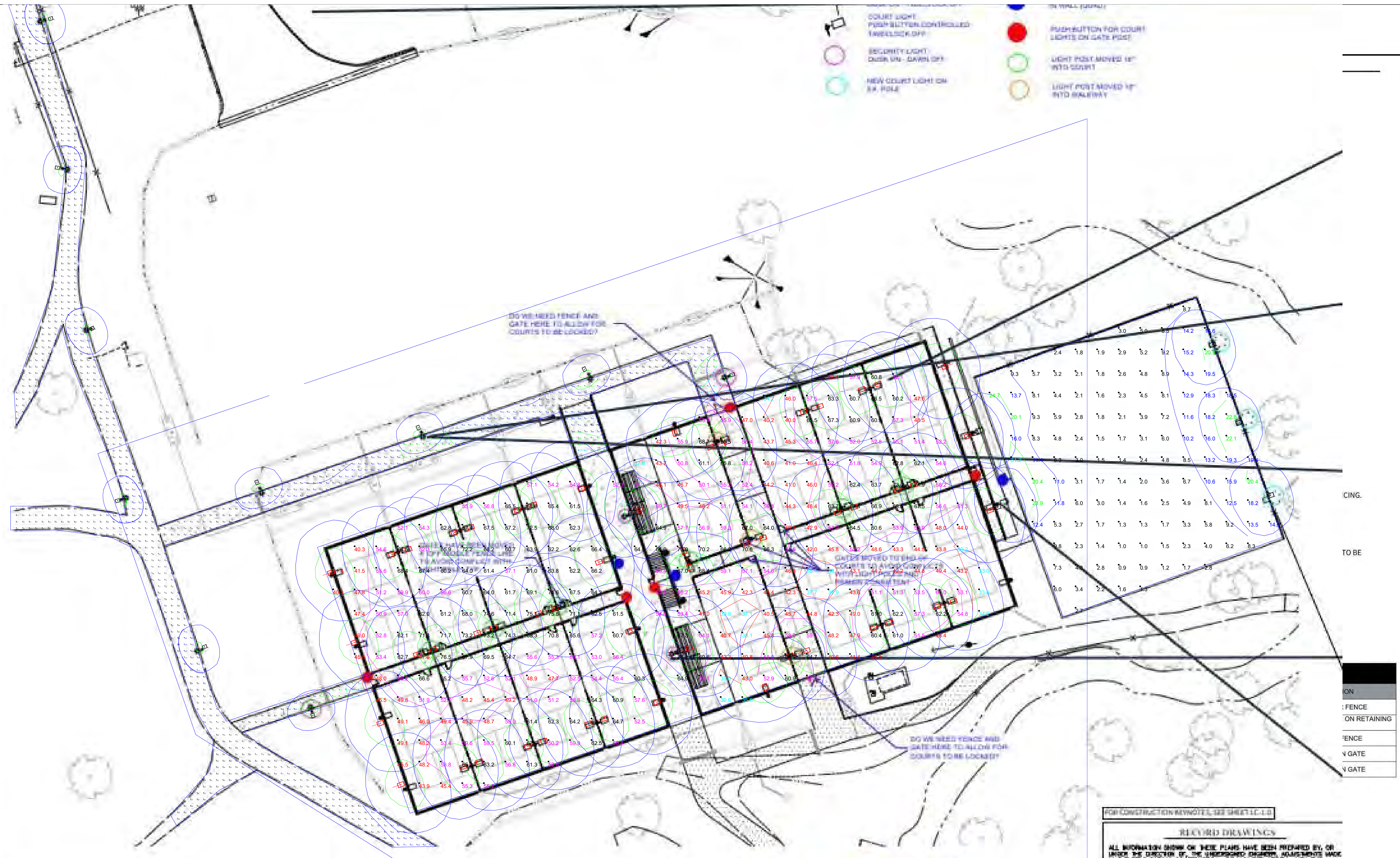
	
SCALE:	AS SHOWN
DATE:	01.07.2026
CITY PROJECT NO.:	
SHEET NO.:	E5.2
DRAWING:	12 OF 13





DATE _____

RCE#

E5.2

DRAWING: 12 OF 13






Luminaire Schedule							
Symbol	Qty	Label	Lum. Lumens	LLF	Description	Luminaire Watts	Mounting Height
	53	P	60563	0.890	BLS-ARLM-400-1-DDK-D-AM-T4-AD	400.2	22
	2	P2	41099	0.890	BLS-ARLM-300-1-30-T4	300.1	16
	5	P3	41099	0.890	BLS-ARLM-300-1-30-T4	300.1	22
	10	W	14557	0.890	BLS-ARLM-100-1-30-T4	100.3	12

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
COURTS_Planar	Illuminance	Fc	55.59	76.5	30.6	1.82	2.50
Plaza_Planar	Illuminance	Fc	7.56	31.2	0.9	8.40	34.67
Walkway_Planar	Illuminance	Fc	8.87	51.2	0.1	88.70	512.00

Item	Qty	Label (EE)	AKA	Max Wattage	Dialed Down Wattage	MH
1	10	W	Pathway	100	40	12'
2	53	P	Pickleball	400	400	22'
3	2	P2	Security	300	120	16'
4	5	P3	Tennis/Plaza	300	300	22'

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE THE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURED LIGHTING FIXTURES MAY VARY BASED ON MANUFACTURING TOLERANCE, TOLERANCE IN LAMPS, AND OTHER VARIOUS FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP. THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

Illuminance Values

-  10.0 - 19.9 fc
 20.0 - 29.9 fc
 30.0 - 39.9 fc
 40.0 - 49.9 fc
 50.0 - 59.9 fc

[illegible]

Drawn By: W. WOZNICKI, LC
Checked By:
Date: 12/19/2025
Scale: